

The New Zealand Gazette OF THURSDAY, 14 DECEMBER 1989

WELLINGTON: FRIDAY, 22 DECEMBER 1989 — ISSUE NO. 226

RADIO FREQUENCY TENDER
CALL FOR TENDERS:
ULTRA HIGH FREQUENCIES (UHF)

MINISTRY OF COMMERCE

RADIO FREQUENCY TENDER

CALL FOR TENDERS: ULTRA HIGH FREQUENCIES (UHF)

I, Maurice John Belgrave, Secretary of Commerce, subject to the terms and conditions specified in the First Schedule hereto, hereby call for tenders for licences to be granted pursuant to section 48(b) of the Radiocommunications Act 1989 in lots as specified in the Second Schedule hereto.

FIRST SCHEDULE

TERMS AND CONDITIONS

2 The terms and conditions applicable to this tender are as follows:

AMENDMENTS TO THIS CALL FOR TENDERS

3 This notice may be amended or revoked by the Secretary of Commerce, in whole or in part, and at any time, by notice in the New Zealand Gazette.

ACQUISITION OF LICENCES

Section 138 of the Radiocommunications Act 1989 provides for the application of the merger or takeover provisions of the Commerce Act 1986 to the acquisition of licences under the Radiocommunications Act 1989. Licences offered for tender under this notice are offered subject to any clearance or authorisation that may be required from the Commerce Commission under the Commerce Act 1986. It is the responsibility of each tenderer to determine the application of the Commerce Act. In the event that any required Commerce Commission clearance or authorisation is not obtained, the Secretary of Commerce reserves the right to re-tender the lot concerned.

5 This call is also made subject to any other legal requirement that pertains to the acquisition of licences as specified.

WHO MAY BID

6 Any person or organisation may bid. A bid should be made in a name which is ordinarily used by the tenderer.

HOW TO BID

- 7 All bids must be made on the form prescribed (form RFT 1). A form has been provided as part of this notice. Only one form should be used per person or organisation.
- 8 The bid form must be signed.
- 9 The bid form should be completed in accordance with the directions on the bid form. It is the responsibility of the tenderer to ensure that information provided on the bid form is complete in all respects and is legible. THE BID FORM SHOULD BE COMPLETED IN TYPED CAPITALS. The Secretary does not accept responsibility for errors or omissions arising from bid information which is not clearly stated.
- 10 Bids may be posted, or delivered by hand. Bids should be addressed: 'UHF Tender, The Manager, Administration, Corporate Services Department, Reserve Bank of New Zealand, PO Box 2498, Wellington.' Bids being hand delivered should be delivered to the Receptionist, 5th Floor, Reserve Bank of New Zealand Building, No. 2 The Terrace, Wellington. In both cases, bids should be in a sealed, addressed envelope. A pre-addressed envelope is provided with this notice. Only the bid form and the required bank chaque should be put in the bid envelope. Sending a bid by facsimile is not acceptable, as a bank cheque must accompany the bid form. Bids should not be presented to the Ministry of Commerce.

PAYMENTS

Deposits

11 A deposit equivalent to 25 percent of the amount bid is payable in respect of each bid. This is payable at the time the bid is made.

- Payment must be made by way of a currently dated bank cheque made payable to the Ministry of Commerce. A 'currently dated' cheque means a cheque which can be banked by the Ministry at any time. Post-dated cheques are therefore not acceptable. A bank cheque is a cheque raised on a bank's account by the bank. Personal or company cheques are therefore not acceptable. Cash payments should not be made.
- 13 Where more than one bid is made, the deposit payable should be calculated by taking 25 percent of the total for all amounts bid. This is to avoid rounding discrepancies that would arise if the deposit were calculated by taking the sum of 25 percent for each amount bid.
- 14 All bids should be in whole New Zealand dollars. If part dollar bids are made, cents will be ignored, not rounded. Zero dollar bids are acceptable. In this event, no deposit is payable.
- Deposits will be banked by the Ministry of Commerce pending the determination of results. Subject to paragraph 16 below, deposits will be repaid to unsuccessful tenderers, along with any interest accrued, soon after the official publication of results in the New Zealand Gazette. Interest will be paid on a pro rata basis (after bank fees and an allowance for taxation, if applicable, and any other related costs have been deducted), and on the basis of the time for which the deposit has been banked. In making possible this opportunity to tenderers, the Secretary makes no representations as to the rate at which interest might accrue, and the Secretary's decision as to how interest is pro rated and when any interest is payable shall be final.
- 16 Failure to provide payment in settlement as set out below will result in forfeiture of part or all of any deposit paid by the tenderer concerned and any interest that would otherwise be payable. The amount liable for forfeiture will be the difference between the amount invoiced and the amount eventually paid by another tenderer, plus administrative costs incurred by the Ministry in having to re-offer the lot(s) concerned.

Payments in settlement

- 17 Each successful tenderer will be invoiced for the amount equivalent to the second highest bid for the lot in question, less the total deposit already paid, except where the total deposit already paid exceeds the amount payable in which case a repayment will be made. Invoices will be sent out soon after the closing date for tenders, and full payment in settlement must be received by the Manager, Finance, Communications Division, Ministry of Commerce, in Wellington within 10 (ten) working days of the date of the invoice. Payment must be made in New Zealand dollars by way of a currently dated bank cheque made payable to the Ministry of Commerce. Personal or company cheques are not acceptable.
- 18 In the event that there are two or more equal highest bids, the successful tenderer will be determined randomly. That

tenderer will be required to pay on the basis of the amount of the losing bid(s), that is the same amount the tenderer bid. In the event that there is only one bid for a particular bid, the next highest bid defaults to zero, and therefore nothing is payable. In the event that the next highest bid is actually zero, the successful tenderer will pay nothing.

- In the event of the failure of the successful tenderer to provide payment in settlement as required above, the next successful tenderer will be offered the lot in question. The amount required to be paid in this instance will be based on the amount equivalent to the next highest bid (in this instance, the third highest bid) for the relevant lot. The lot in question will continue to be offered in this manner until payment is received. If no payment is received, the lot in question will be re-tendered at some later date.
- 20 In the event that results are determined in accordance with the provisions of paragraph 32(d), the successful tenderer will be required to pay on the basis of the amount equivalent to the next highest bid.
- 21 Interest payments to successful tenderers will be paid separately soon after the official publication of results in the New Zealand Gazette.

CLOSING OF BIDS

22 The closing of bids is 12 noon on Monday, 12 February 1990. It is the responsibility of tenderers to ensure that their bids are received by the Manager, Administration, Corporate Services Department, Reserve Bank of New Zealand, in Wellington, by this date and time. Late bids will not be accepted. No responsibility is accepted for non-receipt by the closing of bids arising from factors such as delays in the post, or where bids are sent to the Ministry of Commerce, or to the Bank's offices outside Wellington. Late bids will be returned.

SUITABILITY FOR PURPOSE

23 It is the responsibility of tenderers to ensure that lots for which they are bidding are suitable for their purpose. No representations in this respect are made by the Secretary of Commerce.

INVALID BIDS

Where a tenderer fails to comply with one or more of the following criteria, all bids made by that tenderer will be

invalid. All such bids will be invalid where:

- a they are not received by the Manager, Administration, Corporate Services Department, Reserve Bank of New Zealand, in Wellington, by 12 noon on Monday, 12 February 1990; or
- b they are not made on the form prescribed under this notice (that is, form RFT 1); or
- c the bid form is not signed; or
- d if more than one bid is made, the number of lots sought is not stated on the bid form. The 'number of lots sought' means the number of lots a tenderer is prepared to pay for, if successful.
- 25 Where a tenderer fails to comply with **one or more** of the following criteria in respect of a particular lot, the **relevant bid(s)** made by that tenderer will be invalid. Such a bid will be invalid where:
- e it is not made in New Zealand dollars; or
- f a currently dated bank cheque in New Zealand dollars, made payable to the Ministry of Commerce for the sum equivalent to 25 percent of the total of all amounts bid, is not presented along with the bid form (unless the bid is for zero dollars); or
- g if successful, full payment in settlement in New Zealand dollars is not received by the Manager, Finance, Communications Division, Ministry of Commerce, in Wellington, by way of a currently dated bank cheque within 10 (ten) working days of the date of the invoice; or
- h a lot reference is not stated, or it does not correspond exactly with one or more of the lots described in the Second Schedule attached hereto; or
- i more than one bid is made in respect of a particular lot.
- 26 For the purpose of deciding which bid(s) will be invalid in respect of (f) and (g) above, bids will be considered in the order in which they are entered on the bid form.
- 27 Any bid made by or on behalf of an employee of the Ministry of Commerce will be invalid unless the prior express consent of the Secretary is obtained.

BIDDING

28 As stated, a tenderer is permitted to make only one bid for a particular lot.

- 29 However, a tenderer may bid for more than one lot. In addition, a tenderer may, but is not required to, bid for more lots than are sought.
- 30 In either event the number of lots sought (the number of lots a tenderer is prepared to pay for, if successful) must be stated on the bid form in the space provided. It is necessary, for reasons of clarity of intention, to require tenderers to state this even if they require all of the lots for which they are bidding.

Preferences

An order of preference for acquiring particular lots may also be stated, but this is not compulsory. The order of preference should be shown numerically, and be a sequence of whole numbers starting with the number 1 as the highest priority, for example, 1, 2, 3 ... Equal preference may be shown by allocating the same number two or more times, for example, 1, 2, 2, 3 ... If an order of preference is not stated, it will be assumed that all bids are of equal preference. If an order of preference is not stated for all bids, it will be assumed that those bids for which preferences are not stated are the lowest, equal priority. It should be noted that where a tenderer is seeking all of the lots for which he or she is bidding, any preference stated will not affect the results.

DETERMINATION OF RESULTS

- 32 The following procedure will determine the results of this tender:
- a In respect of each lot, bids will be ranked in order of amount bid.
- b The winner for each lot will be identified initially as the tenderer who has bid the highest amount. Where there are two or more equal highest amounts, the winner will be determined by random selection.
- Tenderers who have won more lots than the number they have stated as being sought will then be identified. Lots will be allocated to these tenderers in the order of the preferences they have stated, if applicable, up to the number of lots sought. Where equal preferences have been stated in respect of lots at the threshold of the number of lots sought, the lot(s) to be allocated will be determined by random selection.
- d Remaining lots will be allocated by an iterative process to the next highest tenderer where that tenderer either has not won the number of lots sought, or having already gained the number of lots sought, would gain a higher preference for

one or more lots. In the latter case, the lot(s) displaced become available for reallocation. This process will be repeated until every lot has either been allocated or identified as not wanted. Where there are two or more equal next highest bids, or equal preferences, the winner or lot(s) to be allocated will be determined by random selection.

- 33 Failure to make the required payment in settlement will invalidate the relevant bid(s) made by the tenderer concerned. Such bids will be re-allocated as described above, but with the exception that at this stage orders of preference will be disregarded.
- 34 For the purposes of determining equal bids and/or preferences, as outlined above, the Ministry will make use of a computer-based random number generator.

GOODS AND SERVICES TAX

35 The Department of Inland Revenue has advised the Ministry of Commerce that GST is not payable in respect of the deposits and interest share of unsuccessful tenderers. However, liability for GST does arise in the case of successful tenderers. Accordingly, for the purposes of determining the results of this tender, all bids will be considered to exclude GST. Provision for GST will be recovered from successful tenderers at the time that they are invoiced for payments in settlement. GST will be additional to the amount otherwise payable by the successful tenderer.

ANNOUNCEMENT OF RESULTS

- 36 Details of all bids, including invalid bids, will be published in the New Zealand Gazette soon after final results have been determined. In addition, each tenderer will be notified in writing of the result of his or her bid(s).
- 37 Successful tenderers will also receive the licences won at this time, unless these are requested on payment. It is the responsibility of the tenderers concerned to ensure that these are registered in accordance with the provisions of the Radiocommunications Act 1989.

SECOND SCHEDULE

IMPORTANT INFORMATION

1 There are a total of 70 lots offered for tender. The 70 lots comprise:

7 lots, 001JJA to 007JJG, each providing for 29 licences at various locations, such that a television broadcasting service with significant population coverage nationally can be achieved.

The remaining 63 lots are offered as single licences, being offered in each of 10 major population centres. These licences do not provide as extensive coverage as is possible with the corresponding licences from the first 7 lots.

- There are severe restrictions placed on lot 004JJD in relation to Sugarloaf, and lot 038JCH and lot 039JCI in relation to Kaukau, which are intended to ensure the continued satisfactory operation of existing television translators at Southshore in Christchurch and Waitangarua in Porirua respectively. Usage of these lots is likely to be impractical in the relevant areas unless alternative arrangements are made concerning those translators and the conditions on the relevant licences to be granted are modified accordingly.
- 3 Terms and abbreviations used in lot descriptions have the following meanings:
- Location is specified in NZMS 260 1:50,000 series maps or NZMS 1 maps where NZMS 260 series are not available
- Receive coverage locations are specified in NZMS 262 1:250,000 series maps
- Class of emission is given in terms of emission designations in Article 4 of the International Radio Regulations and CCIR Recommendations
- dBW means decibels with reference to 1 watt
- eirp means effective isotropic radiated power as defined in section 2 of the Radiocommunications Act 1989
- dbuv/m means a field strength intensity in decibels with reference to 1 microvolt per metre. Field strengths are measured in accordance with the Recommendations and Reports of the CCIR
- The successful tenderer in relation to each lot will be granted, upon payment in accordance with the First Schedule above, a licence or licences that will authorise the tenderer to transmit in accordance with the specifications set out in relation to the relevant lot and the general provisions specified on the following pages. Prospective tenderers should thoroughly

familiarise themselves with the Radiocommunications Act 1989. This offer, and all rights granted hereunder are subject to that Act.

All licences granted pursuant to this tender shall have the same expiry date as the record of management rights pursuant to which they are granted. The relevant record of management rights will have an expiry date 20 years from the date on which it is recorded in the Register of Radio Frequencies. The Secretary will apply under the Radiocommunications Act 1989 to have the record of management rights recorded in the Register on or about 1 February 1990.

GENERAL PROVISIONS APPLYING TO ALL LICENCE INFORMATION

MAXIMUM BANDWIDTH OF EMISSIONS

From 1.25 MHz below to 6.75 MHz above the nominal vision carrier frequency measured at -30 dB (with respect to peak vision carrier power).

HORIZONTAL RADIATION PATTERN

As may be stated in the special conditions but in any event not to exceed the maximum power of emissions (maximum eirp) in any direction.

MAXIMUM PERMITTED INTERFERING SIGNAL

 $20~dB\mu\text{V/m}$ measured at a height up to 10 metres or as otherwise specified in the special conditions.

UNWANTED EMISSIONS LIMIT

Emissions appearing on frequencies more than 1.25 MHz below the carrier or 6.25 MHz above the Vision carrier frequency shall be attenuated relative to the maximum effective isotropic radiated power as follows:

(a) Any emission within the frequency range 518 to 806 MHz, and appearing on a frequency removed by 6.25 MHz or more below, or 9.75 MHz or more above, the vision frequency shall be attenuated by at least

 $43 + 10 \log W$

(where W is the effective isotropic radiated power of the peak vision carrier in Watts), below the effective isotropic radiated power (eirp) of the vision frequency, or 80 dB whichever is the lesser attenuation.

(dB)

- (b) Emissions shall be attenuated by 30 dB at the vision frequency minus 1.25 MHz, to the limit in clause (a) at the vision minus 6.25 MHz varying uniformly with frequency on a decibel basis.
- (c) Emissions shall be attenuated by 30 dB at the vision frequency plus 6.75 MHz, to the limit in clause (a) at the vision frequency plus 9.75 MHz varying uniformly with frequency on a decibel basis.
- (d) Emissions shall be attenuated by the limit in clause (b) at $513~\rm MHz$ to $-50~\rm dBW$ eirp at $510~\rm MHz$ varying uniformly with frequency on a decibel basis.
- (e) Emissions shall be attenuated to -50 dBW eirp below 510 MHz and above 809 MHz.

GENERAL CONDITION

Vision and sound frequencies shall be maintained within \pm 500 Hz of the nominal carrier frequency. Tighter tolerances may be required where carrier offset is used.



LOT OO1JJA

LOCATION

Site Name

Maungataniwha

Map

NZMS260/004

Grid Reference

584703

Altitude

582 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

28

:

:

Nominal Vision Carrier

527.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF

Class of Emission (Sound)

532.75 750KF3EGN MHZ

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

44 dBW eirp :

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

m Above Mean 52

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-1 561657, 524670, 522700, 545703, 581680.

SPECIAL CONDITIONS

- The eirp of any emission on 156.8 MHz ±8 kHz shall be (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp shall not exceed 36 dBW in the arc 120°TN to (B) 145°TN.

LOCATION

Site Name

Hikurangi NZMS260/P06

Map

Grid Reference

937288

Altitude

662 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

29 535.25

MHZ

Nominal Vision Carrier Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound) 540.75 750KF3EGN MHZ

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

35 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

: 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 609647, 582644, 575633, 587625, 617633.

LOCATION

Site Name

Horokaka

Map

NZMS260/Q07

Grid Reference

131916

Altitude

516 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

30

Nominal Vision Carrier

543.25

6M253CF

Class of Emission (Vision)
Associated Sound Carrier

548.75

MHz

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

38 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 49 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Parahaki

Map

NZMS260/Q07 :

Grid Reference

315089

Altitude

243 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

28

:

:

:

Nominal Vision Carrier

527.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 532.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

27 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

17 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

The maximum permitted interfering signal is 30 dBµV/m (a) measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.

LOCATION

Site Name

Waiatarua

Map

NZMS260/R11

Grid Reference

501740

Altitude

394 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

27

:

Nominal Vision Carrier

519.25

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

524.75

MHZ

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

59 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680483, 663498

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

:

- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The eirp shall be minimized within the sector 170 ° to 320 ° notwithstanding the conditions of the General Provisions.

LOCATION

Site Name

Te Aroha

Map

NZMS260/T13

Grid Reference

525038

Altitude

944 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

28

:

:

Nominal Vision Carrier

527.25

MHz

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

532.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

59 dBW eirp :

ANTENNA POLARISATION

Vertical :

NOMINAL ANTENNA HEIGHT

126 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 719437, 774411.

NZMS 262-4 802380, 752355, 714353, 700391.

LOCATION

Site Name

Mt Edgecumbe

Map

NZMS260/V16

Grid Reference

378373

Altitude

774

m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

29

Nominal Vision Carrier

535.25 MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF

540.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Pukepoto

Map : NZMS260/U16

Grid Reference : 036357

Altitude : 564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 27

Nominal Vision Carrier : 519.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 524.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 26 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 33 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

- (a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.

LOCATION

Site Name

Map

Paeroa Range NZMS260/U17

Grid Reference

946084

Altitude

997 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

30

Nominal Vision Carrier

543.25

Class of Emission (Vision) Associated Sound Carrier

6M253CF

548.75

MHz

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

:

34 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

22

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 1 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Tuhingamata

Map : NZMS260/U18
Grid Reference : 706728

Grid Reference : 706728
Altitude : 662 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 27

Nominal Vision Carrier : 519.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 524.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 29 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 765275, 777277, 778269 , 772256, 761251

SPECIAL CONDITIONS

- (a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 20 dB μ V/m measured with a horizontally polarized antenna or 40 dB μ V/m measured with a vertically polarized antenna.

22 DECEMBER

PART LOT 001JJA

LOCATION

Site Name

Taumarunui

Map

NZMS260/S18

Grid Reference

013553

Altitude

518 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

30

Nominal Vision Carrier

543.25

MHZ

Class of Emission (Vision)

6M253CF 548.75

MHz

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

28 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 12 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

:

LOCATION Site Name : Whakapunake

Map : NZMS260/X18

Grid Reference : 091532

Altitude : 914 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 28

Nominal Vision Carrier : 527.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 532.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 48 dBW eirp

ANTENNA POLARISATION : horizontal

NOMINAL ANTENNA HEIGHT : 55 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-5 940271, 950266, 939279.

NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt. Erin

Map

NZMS260/V22

Grid Reference

391556

Altitude

489 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

29

:

Nominal Vision Carrier

535.25

MHZ

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

540.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

51 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 12 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

Sea Level

LOCATION

Site Name

Mt Egmont

Map

NZMS260/P20

Grid Reference

035122

Altitude

1467 m Above Mean

FREQUENCY AND CLASS OF EMISSION

29

:

:

Channe 1 Nominal Vision Carrier

535.25

6M253CF

MHZ

Class of Emission (Vision) Associated Sound Carrier

540.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 43

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Wharite :

Map

NZMS260/T23

Grid Reference

529017

Altitude

915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

30

:

Nominal Vision Carrier

543.25

MHZ

Class of Emission (Vision)

6M253CF

MHZ

Associated Sound Carrier Class of Emission (Sound) 548.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

57 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 683137, 713124, 730110 NZMS 262-8 723079, 689050, 738057, 725079

NZMS 262-7 774108

Sea Level

MHZ

LOCATION

Site Name

Otahoua

Map

NZMS260/T26

Grid Reference

417219

Altitude

350 m Above Mean

FREQUENCY AND CLASS OF EMISSION

Channe 1

29

Nominal Vision Carrier Class of Emission (Vision) 535.25

MHZ 6M253CF

Associated Sound Carrier Class of Emission (Sound) 540.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

49 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz +8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Kaukau

Map

NZMS260/R27

Grid Reference

590955

Altitude

425 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

28

Nominal Vision Carrier Class of Emission (Vision) 527.25

6M253CF

Associated Sound Carrier

532.75

MHZ

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

dBW eirp 54

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

SPECIAL CONDITIONS

- The eirp of any emission on 110.3 MHz ±3 kHz shall be (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the (b) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

: Grampians

Map

NZMS260/027

Grid Reference

334898

Altitude

004000

392 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

27

Nominal Vision Carrier

519.25

MHz

Class of Emission (Vision)
Associated Sound Carrier

6M253CF 524.75

MHz

Class of Emission (Sound)

750KF3EGN

CN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

44 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 61

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

MHz

MHz

LOCATION

Site Name

Wither Hills NZMS260/P28 :

Grid Reference

921618

Altitude

Map

229 m Above Mean

Sea level

:

:

:

:

:

FREQUENCY AND CLASS OF EMISSION

Channel

29

Nominal Vision Carrier

535.25 :

Class of Emission (Vision) Associated Sound Carrier 6M253CF 540.75

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

31 dBW eirp

ANTENNA POLARISATION

Horizontal :

NOMINAL ANTENNA HEIGHT

m Above Mean 12

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 14 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Rochfort NZMS260/K29

Map

Grid Reference

053357

Altitude

1041 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel.

27

Nominal Vision Carrier

519.25

MHZ

Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound) 524.75 750KF3EGN MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

:

NOMINAL ANTENNA HEIGHT

52

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Paparoa

Map

NZMS260/K31

Grid Reference

735656

Altitude

823 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

28

Nominal Vision Carrier

527.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 532.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

49 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

: 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262 -10 365869, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Sugar loaf NZMS260/M36

Мар Grid Reference

817337

Altitude

494 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

30

Nominal Vision Carrier Class of Emission (Vision) 543.25

MHz 6M253CF

Associated Sound Carrier

548.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

64 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-13 381660, 382709, 399742, 444768,

478768, 488743, 458706

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 26 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Mary

Map

NZMS260/I38

Grid Reference

921707

Altitude

991 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

28

Nominal Vision Carrier Class of Emission (Vision) 527.25

527.25 6M253CF 532.75 750KF3EGN

Associated Sound Carrier

MHZ

MHZ

Class of Emission (Sound) :

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 dBW eirp :

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 344830, 350817, 332810, 385847, 385830.

SPECIAL CONDITIONS

The eirp of any emission on 114.3 MHz ± 3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

:

The eirp of any emission on 156.8 MHz ± 8 kHz shall be (b) attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mount Studholme

Мар

NZMS260/J40

Grid Reference

442164

Altitude

1080 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

27

Nominal Vision Carrier

519.25

Class of Emission (Vision)
Associated Sound Carrier

6M253CF

524.75

MHz

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-13 382660, 361659.

NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Obelisk

Map

NZMS260/G42

Grid Reference

126360

Altitude

1690 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

27

:

:

Nominal Vision Carrier

519.25

MHz

Class of Emission (Vision)

6M253CF

MHz

Associated Sound Carrier

524.75

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

44 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 222529, 221551, 263583, 256588.

NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Little Mt Ida

Map : NZMS260/H41

Grid Reference : 785793

Altitude : 1174 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 30

Nominal Vision Carrier : 543.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 548.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 46 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION

Site Name

Mt Cargill

Map

NZMS260/I44 :

Grid Reference

198853

Altitude

671 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

28

:

:

Nominal Vision Carrier

527.25

Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound) 532.75 750KF3EGN MHz

MHZ

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 60 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

SPECIAL CONDITIONS

- The eirp of any emission on 109.9 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz +8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Hedgehope

Map

NZMS260/F45

Grid Reference

782485

Altitude

644 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

30 :

Nominal Vision Carrier

543.25

:

6M253CF

Associated Sound Carrier

548.75

MHZ

MHz

Class of Emission (Sound)

Class of Emission (Vision)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

54 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487

NZMS 262-17 184400, 199451

LOCATION Site Name : Kuriwao

Map : NZMS260/G46

Grid Reference : 301348

Altitude : 638 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 29

Nominal Vision Carrier : 535.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 540.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412



LOT 002JJB

		•		

LOCATION

Site Name Map

Maungataniwha NZMS260/004

Grid Reference

584703

Altitude

582 m Above Mean

Sea Level

MHz

FREQUENCY AND CLASS OF EMISSION

Channe 1 32

Nominal Vision Carrier 559.25

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 564.75 MHz

:

:

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier 44 dBW eirp

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-1 561657, 524670, 522700, 545703, 581680

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.

LOCATION Site Name : Hikurangi

Map : NZMS260/P06

Grid Reference : 937288

Altitude : 662 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 33

Nominal Vision Carrier : 567.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 572.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 35 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 609647, 582644, 575633, 587625, 617633.

LOCATION

Site Name

Horokaka

Map

NZMS260/Q07

Grid Reference

131916

Altitude

516 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSIONS

Channe 1

34

Nominal Vision Carrier

575.25

MHZ

Class of Emission (Vision)

6M253CF

MHZ

Associated Sound Carrier Class of Emission (Sound) 580.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

38 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

49 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ±8 kHz shall be (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

:

:

LOCATION Site Name : Parahaki

Map : NZMS260/Q07

Grid Reference : 315089

Altitude : 243 m Above Mean Sea Level

SE ENTOCTON

FREQUENCY AND CLASS OF EMISSION

Channel: 32

Nominal Vision Carrier : 559.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 564.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 27 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 17 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dB μ V/m measured with a horizontally polarized antenna or 50 dB μ V/m measured with a vertically polarized antenna.

LOCATION Site Name Waiatarua

NZMS260/R11 Map

Grid Reference 501740

394 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

31 Channe 1

551.25 MHZ Nominal Vision Carrier

Class of Emission (Vision) 6M253CF

Associated Sound Carrier : Class of Emission (Sound) : 556.75 MHZ

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

59 dBW eirp carrier

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680483, 663498

SPECIAL CONDITIONS

- The eirp of any emission on 110.3 MHz ± 10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the (b) Unwanted Emission Limit in the General Provisions.
- The eirp shall be minimized within the sector 170 ° to 320 ° (c) notwithstanding the conditions of the General Provisions.

LOCATION Site Name : Te Aroha

Map : NZMS260/T13

Grid Reference : 525038

Altitude : 944 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 32

Nominal Vision Carrier : 559.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 564.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 59 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 126 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-3 719437, 774411. NZMS 262-4 802380, 752355, 714353, 700391.

LOCATION Sit

Site Name : Mt Edgecumbe
Map : NZMS260/V16

Grid Reference : 378373

Altitude : 774 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 33

Nominal Vision Carrier : 567.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 572.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 48 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

: Pukepoto

Map

NZMS260/U16

Grid Reference

036357

Altitude

564 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

31

:

Nominal Vision Carrier

551.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF

MHz

Class of Emission (Sound)

556.75 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

26 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

33 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

- The eirp of any emission on 156.8 MHz ±8 kHz shall be (a) attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The maximum permitted interfering signal is 30 dBuV/m (b) measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.

LOCATION

Site Name

Paeroa Range

Map

NZMS260/U17

Grid Reference

946084

Altitude

997 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe1

34

:

Nominal Vision Carrier

575.25

MHz

MHZ

Class of Emission (Vision)

6M253CF

580.75

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

34 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

22 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Tuhingamata

Map : NZMS260/U18

Grid Reference : 706728

Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 31

Nominal Vision Carrier : 551.25 MHz

Class of Emission (Vision) : 6M253CF Associated Sound Carrier : 556.75

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 29 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

MHz

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 765275, 777277, 778269, 772256, 761251

SPECIAL CONDITIONS

- (a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 20 dB μ V/m measured with a horizontally polarized antenna or 40 dB μ V/m measured with a vertically polarized antenna.

LOCATION

Site Name

Taumarunui

Map

NZMS260/S18

Grid Reference

013553

Altitude

518 m Above Mean

Sea Level

MHz

MHZ

FREQUENCY AND CLASS OF EMISSION

Channe 1

34

Nominal Vision Carrier

575.25

Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound) 580.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

28 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean : 12

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be (a) attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Whakapunake

Map

NZMS260/X18

Grid Reference

091532

Altitude

914 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

32

:

:

Nominal Vision Carrier

559.25

MHZ

Class of Emission (Vision)

6M253CF

564.75

MHZ

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

ML

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 48 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

55 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 940271, 950266, 939279.

NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

Mt Erin LOCATION Site Name :

> NZMS260/V22 Map

Grid Reference 391556

489 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1 33

Nominal Vision Carrier 567.25 MHZ

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 572.75 MHZ

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

51 dBW eirp carrier

ANTENNA POLARISATION Vertical

m Above Mean NOMINAL ANTENNA HEIGHT 50 :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz +8 kHz shall be attenuated by 12 dB more than the level specified as the

Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Egmont : NZMS260/P20

Map

: 035122

Grid Reference

Altitude

1467 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 1

33

:

:

Nominal Vision Carrier

567.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF

572.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Wharite

Map

NZMS260/T23

Grid Reference

529017

Altitude

915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

34

:

Nominal Vision Carrier

575.25

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

580.75

MHz

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

57 dBW eirp

ANTENNA POLARISATION

Vertical

:

NOMINAL ANTENNA HEIGHT

122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 683137, 713124, 730110 NZMS 262-8 723079, 689050, 738057, 725079

NZMS 262-7 774108

LOCATION

Site Name

Otahoua

Map

NZMS260/T26

Grid Reference

417219

Altitude

350 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 1

33

:

Nominal Vision Carrier

567.25

MHZ

Class of Emission (Vision)

6M253CF 572.75

MHz

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

49 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 52

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 3 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Kaukau

Map

NZMS260/R27

Grid Reference

590955

Altitude

425 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

32

Nominal Vision Carrier

559.25

Class of Emission (Vision)

6M253CF

Associated Sound Carrier 564.75

MHz

MHZ

Class of Emission (Sound) :

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

54 dBW eirp :

carrier

: Horizontal

NOMINAL ANTENNA HEIGHT

ANTENNA POLARISATION

122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

SPECIAL CONDITIONS

The eirp of any emission on 110.3 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

:

(b) The eirp of any emission on 156.8 MHz +8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Grampians

Map

NZMS260/027

Grid Reference

334898

Altitude

392 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

:

Nominal Vision Carrier

551.25

MH7

Class of Emission (Vision)

6M253CF 556.75

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MHZ

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

44 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 61

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

22 DECEMBER

PART LOT 002JJB

LOCATION Site Name : Wither Hills

Map : NZMS260/P28

Grid Reference : 921618

Altitude : 229 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 33

Nominal Vision Carrier : 567.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 572.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 31 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 12 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Mt Rochfort Map : NZMS260/K29

Grid Reference : 053357

Altitude : 1041 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 31

Nominal Vision Carrier : 551.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 556.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 47 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name

: Paparoa : NZMS260/K31

Map

ence : 735656

Grid Reference Altitude

823 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 32

Nominal Vision Carrier : 559.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 564.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 49 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262 -10 365869, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Sugarloaf :

Map

NZMS260/M36

Grid Reference

817337

Altitude

494 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

34

:

Nominal Vision Carrier

575.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF

MHZ

Class of Emission (Sound)

750KF3EGN

580.75

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

64 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

381660, 382709, 399742, 444768, NZMS 262-13

478768, 488743, 458706

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Mt Mary

Map : NZMS260/I38

Grid Reference : 921707

Altitude : 991 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 32

Nominal Vision Carrier : 559.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 564.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 344830, 350817, 332810, 385847, 385830.

SPECIAL CONDITIONS

- (a) The eirp of any emission on 114.3 MHz ± 3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mount Studholme

Map

NZMS260/J40

Grid Reference

442164

Altitude

1080 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

31

:

Nominal Vision Carrier

551.25

MHz

Class of Emission (Vision)

Associated Sound Carrier
Class of Emission (Sound)

: 6M253CF : 556.75

MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

: 61

m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-13 382660, 361659.

NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name

Obelisk

Map

NZMS260/G42

Grid Reference

126360

Altitude

1690 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 31

Nominal Vision Carrier : 551.25 MHz

:

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 556.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 44 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 222529, 221551, 263583, 256588.

NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Little Mt Ida :

Map

NZMS260/H41

Grid Reference

785793

: Altitude :

1174 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

34

:

:

:

:

:

Nominal Vision Carrier

575.25 MHz

Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound) 580.75 750KF3EGN MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

46 dBW eirp

ANTENNA POLARISATION

: Vertical

NOMINAL ANTENNA HEIGHT

52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

PART LOT 002JJB

LOCATION Site Name : Mt Cargill

Map : NZMS260/I44

Grid Reference : 198853

Altitude : 671 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 32

Nominal Vision Carrier : 559.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 564.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 60 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

- (a) The eirp of any emission on 109.9 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 002JJB

LOCATION Site Name : Hedgehope

Map : NZMS260/F45

Grid Reference : 782485

Altitude : 644 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 34

Nominal Vision Carrier : 575.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 580.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 54 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487

NZMS 262-17 184400, 199451

PART LOT 002JJB

LOCATION Site Name : Kuriwao

Map : NZMS260/G46

Grid Reference : 301348

Altitude : 638 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 33

Nominal Vision Carrier : 567.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 572.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412

LOT OOSJJC



Site Name LOCATION Maungataniwha NZMS260/004 Map

584703

Grid Reference :

m Above Mean Altitude 582 Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1 44

Nominal Vision Carrier 655.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 660.75 : MHZ

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier 44 dBW eirp

ANTENNA POLARISATION Vertical

NOMINAL ANTENNA HEIGHT 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-1 561657, 524670, 522700, 545703, 581680.

- The eirp of any emission on 156.8 MHz \pm 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.

LOCATION

Site Name

Map

: Hikurangi : NZMS260/P06

Grid Reference : 937288

Altitude

331200

662 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

: 45

:

Nominal Vision Carrier

663.25

MHZ

Class of Emission (Vision)
Associated Sound Carrier

6M253CF

.

Class of Emission (Sound)

668.75 750KF3EGN MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 35 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 609647, 582644, 575633, 587625, 617633.

LOCATION Site Name : Horokaka

Map : NZMS260/Q07

Grid Reference : 131916

Altitude : 516 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 46

Nominal Vision Carrier : 671.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 676.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 49 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Parahaki

Map : NZMS260/Q07

Grid Reference : 315089

Altitude : 243 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 44

Nominal Vision Carrier : 655.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 660.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 27 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 17 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBμV/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.

Site Name Waiatarua LOCATION NZMS260/R11 Map

501740

Grid Reference :

394 m Above Mean Altitude Sea Level

FREQUENCY AND CLASS OF EMISSION

43 Channe 1

Nominal Vision Carrier 647.25 MHZ

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 652.75 MHz

750KF3EGN Class of Emission (Sound)

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

59 dBW eirp carrier :

ANTENNA POLARISATION : Horizontal

122 m Above Mean NOMINAL ANTENNA HEIGHT

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680483, 663498

- The eirp of any emission on 110.3 MHz \pm 10 kHz shall be (a) attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the (b) Unwanted Emission Limit in the General Provisions.
- The eirp shall be minimized within the sector 170 ° to 320 (c) notwithstanding the conditions of the General Provisions.

LOCATION

Site Name

Te Aroha :

Map

NZMS260/T13

Grid Reference

525038

Altitude

944 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

44

Nominal Vision Carrier

655.25

Class of Emission (Vision) Associated Sound Carrier

6M253CF

660.75

MHz

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

59 dBW eirp

ANTENNA POLARISATION

: Vertical

NOMINAL ANTENNA HEIGHT

: 126 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-3 719437, 774411. NZMS 262-4 802380, 752355, 714353, 700391.

LOCATION

Site Name

Mt Edgecumbe

Map

NZMS260/V16

Grid Reference

378373

Altitude

774 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

45

Nominal Vision Carrier

663.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 668.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 dBW eirp :

ANTENNA POLARISATION

Vertica1

NOMINAL ANTENNA HEIGHT

61

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site

Site Name : Pukepoto

Map : NZMS260/U16

Grid Reference : 036357 Altitude : 564 m

564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 43

Nominal Vision Carrier : 647.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 652.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 26 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 33 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 790336, 793347, 802345, 796348, 794333

- (a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION

Site Name

Paeroa Range

Map

NZMS260/U17

Grid Reference

946084

Altitude

997 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

46

Nominal Vision Carrier

671.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 676,75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

34 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 22

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions. (a)

LOCATION

Site Name

Tuhingamata :

Map

NZMS260/U18

Grid Reference

706728

Altitude

:

:

:

:

:

:

662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

43

Nominal Vision Carrier

647.25

Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound)

652.75 750KF3EGN MHz

MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

29 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 61

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 765275, 777277, 778269 , 772256, 761251

- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.
- The maximum permitted interfering signal is 20 dB μ V/m measured (b) with a horizontally polarized antenna or 40 dB μ V/m measured with a vertically polarized antenna.

LOCATION

Site Name

: Taumarunui

Map

NZMS260/S18

Grid Reference

013553

Altitude

518 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

46

Nominal Vision Carrier

671.25

MHz

Class of Emission (Vision)

6M253CF

Associated Sound Carrier : 6

676.75 MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

28 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

12 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

:

Whakapunake

PART LOT 003JJC

No. 226

Site Name LOCATION :

NZMS260/X18 Map

Grid Reference 091532 :

914 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1 44

Nominal Vision Carrier 655.25 MHZ

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 660.75 MHZ

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

dBW eirp : 48 carrier

Horizontal ANTENNA POLARISATION :

NOMINAL ANTENNA HEIGHT 55 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-5 940271, 950266, 939279. NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Mt Erin

Map : NZMS260/V22

Grid Reference : 391556

Altitude : 489 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 45

Nominal Vision Carrier : 663.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 668.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 51 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Egmont

Map

NZMS260/P20

Grid Reference

035122

Altitude

1467 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

45

Nominal Vision Carrier

663.25 6M253CF MHZ

Class of Emission (Vision) Associated Sound Carrier

668.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48

dBW eirp

ANTENNA POLARISATION

Horizontal :

NOMINAL ANTENNA HEIGHT

43

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Wharite

Map : NZMS260/T23

Grid Reference : 529017

Altitude : 915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 46

Nominal Vision Carrier : 671.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 676.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 57 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 683137, 713124, 730110

NZMS 262-8 723079, 689050, 738057, 725079

NZMS 262-7 774108

Sea level

LOCATION

Site Name

Otahoua

Map

NZMS260/T26

Grid Reference

417219

Altitude

350 m Above Mean

:

FREQUENCY AND CLASS OF EMISSION

45

Channe 1 Nominal Vision Carrier

663.25

MHZ

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

668.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

49 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz +8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Kaukau

Map : NZMS260/R27

Grid Reference : 590955

Altitude : 425 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 44

Nominal Vision Carrier : 655.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 660.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 54 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

- (a) The eirp of any emission on 110.3 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Grampians

Map

NZMS260/027

Grid Reference

334898

Altitude

392 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

43

:

Nominal Vision Carrier

647.25

MHZ

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF

652.75

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

44 dBW eirp

ANTENNA POLARISATION

Horizontal :

NOMINAL ANTENNA HEIGHT

61

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

Wither Hills LOCATION Site Name

Map NZMS260/P28 :

Grid Reference 921618 :

229 m Above Mean Altitude Sea level

FREQUENCY AND CLASS OF EMISSION

Channel 45

MHz Nominal Vision Carrier

63.25 : 6M253CF : 668.75 : 751 Class of Emission (Vision)
Associated Sound Carrier
Class of Emission (Sound)

MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

31 dBW eirp carrier :

Horizontal ANTENNA POLARISATION :

12 m Above Mean NOMINAL ANTENNA HEIGHT :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 14 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

: Mt Rochfort

Map

NZMS260/K29

Grid Reference

053357

Altitude

1041 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

: 43

:

Nominal Vision Carrier

647.25

MHZ

Class of Emission (Vision)
Associated Sound Carrier

6M253CF 652.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

: 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Paparoa

Map

NZMS260/K31

Grid Reference

735656

Altitude

823 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

44

Nominal Vision Carrier

655.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 660.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

49 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 52

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262 -10 365869, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Sugarloaf

Map

NZMS260/M36

Grid Reference

817337

Altitude

494 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

46

Nominal Vision Carrier

671.25

Class of Emission (Vision) Associated Sound Carrier

6M253CF

676.75

MHZ

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

dBW eirp 64

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

: 121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-13 381660, 382709, 399742, 444768, 478768, 488743, 458706

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall b attenuated by 26 dB more than the level specified as th Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Mary

Map

NZMS260/I38

Grid Reference

921707

Altitude

991 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel 1

44

655.25

MHz

MHZ

6M253CF 660.75

Nominal Vision Carrier : Class of Emission (Vision) : Associated Sound Carrier : Class of Emission (Sound) :

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 48 dBW eirp

ANTENNA POLARISATION

Horizontal :

NOMINAL ANTENNA HEIGHT

43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-10 344830, 350817, 332810, 385847, 385830.

SPECIAL CONDITIONS

The eirp of any emission on 114.3 MHz ± 3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

:

The eirp of any emission on 156.8 MHz ± 8 kHz shall be (b) attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mount Studholme

Map

NZMS260/J40

Grid Reference

442164

Altitude

1080 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

43

Nominal Vision Carrier

647.25 MHz

Class of Emission (Vision)
Associated Sound Carrier

6M253CF

652.75 MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-13 382660, 361659.

NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Obelisk

Map : NZMS260/G42

Grid Reference : 126360

Altitude : 1690 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 43

Nominal Vision Carrier : 647.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 652.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 44 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 222529, 221551, 263583, 256588.

NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Little Mt Ida

Map : NZMS260/H41

Grid Reference : 785793

Altitude : 1174 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 46

Nominal Vision Carrier : 671.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 676.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 46 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION

Site Name

Mt Cargill

Map

NZMS260/I44

Grid Reference

198853

Altitude

671 m Above Mean

Sea level

MHz

MHz

FREQUENCY AND CLASS OF EMISSION

Channe 1

44

Nominal Vision Carrier

655.25

Class of Emission (Vision) Associated Sound Carrier

Class of Emission (Sound)

6M253CF

660.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

60 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

- The eirp of any emission on 109.9 MHz ± 3 kHz shall (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp of any emission on 156.8 MHz ±8 (b) kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Hedgehope

Map

NZMS260/F45

Grid Reference

782485

Altitude

644 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

46

Nominal Vision Carrier

671.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 676.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

dBW eirp 54

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487

NZMS 262-17 184400, 199451

LOCATION

Site Name

Kuriwao

NZMS260/G46

Grid Reference

301348

Altitude

638 m Above Mean

Sea level

MHZ

MHz

FREQUENCY AND CLASS OF EMISSION

Channe 1

45

Nominal Vision Carrier

663.25

Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound) 668.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

38 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean : 52

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412



LOT 004JJD

LOCATION Site Name : Maungataniwha

Map : NZMS260/004 Grid Reference : 584703

Altitude : 582 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 48

Nominal Vision Carrier : 687.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 692.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 44 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-1 561657, 524670, 522700, 545703, 581680.

- (a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.

LOCATION Site Name : Hikurangi

Map : NZMS260/P06

Grid Reference : 937288

Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 49

Nominal Vision Carrier : 695.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 700.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 35 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 609647, 582644, 575633, 587625, 617633.

LOCATION

carrier

Site Name

: Horokaka

Map

NZMS260/Q07

Grid Reference

131916

Altitude

516 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

50

Nominal Vision Carrier

703.25

MHz

Class of Emission (Vision)
Associated Sound Carrier

6M253CF 708.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

.

38 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

49 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Parahaki :

Map

NZMS260/Q07

Grid Reference

315089

Altitude

243 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

48

Nominal Vision Carrier

687.25

MHZ

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 692.75

dBW eirp

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

27

carrier

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

17 :

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.

LOCATION Site Name : Waiatarua

Map : NZMS260/R11

Grid Reference : 501740

Altitude : 394 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 47

Nominal Vision Carrier : 679.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 684.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 59 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680483, 663498

- (a) The eirp of any emission on 110.3 MHz ± 10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The eirp shall be minimized within the sector 170 ° to 320 ° notwithstanding the conditions of the General Provisions.

LOCATION

Site Name

Te Aroha :

Map

NZMS260/T13

Grid Reference

525038

Altitude

944 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

48

:

:

Nominal Vision Carrier

687.25

MHZ

MHz

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

692.75

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 59 dBW eirp

ANTENNA POLARISATION

: **Vertical**

NOMINAL ANTENNA HEIGHT

126 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 719437, 774411.

NZMS 262-4 802380, 752355, 714353, 700391.

LOCATION Site Name : Mt Edgecumbe

Map : NZMS260/V16

Grid Reference : 378373

Altitude : 774 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 49

Nominal Vision Carrier : 695.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 700.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 48 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name

Map

Pukepoto NZMS260/U16

Grid Reference : 036357

Altitude :

564 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 47

Nominal Vision Carrier : 679.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 684.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 26 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 33 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 790336, 793347, 802345, 796348, 794333

- (a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION Site Name : Paeroa Range

Map : NZMS260/U17

Grid Reference : 946084

Altitude : 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 50

Nominal Vision Carrier : 703.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 708.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 34 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 22 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Tuhingamata :

Map

NZMS260/U18 :

Grid Reference

706728

Altitude

:

662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

47

:

Nominal Vision Carrier

679.25

Class of Emission (Vision) 6M253CF Associated Sound Carrier : 684.75

MH2

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 29 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 61

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 765275, 777277, 778269 , 772256, 761251

- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions. (a)
- The maximum permitted interfering signal is 20 dB μ V/m measured with a horizontally polarized antenna or 40 dBµV/m measured with a vertically polarized antenna.

LOCATION

Site Name

Taumarunui

Map

NZMS260/S18

Grid Reference

013553

Altitude

518 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

50

Nominal Vision Carrier

703.25 MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 708.75

750KF3EGN

MHz

Class of Emission (Sound) :

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 28 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

12 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions. (a)

:

LOCATION

Site Name

Whakapunake

Map

NZMS260/X18 :

Grid Reference

091532

Altitude

914 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

48

:

Nominal Vision Carrier

687.25

MHz

Class of Emission (Vision)

6M253CF 692.75

Associated Sound Carrier

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

dBW eirp 48

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

55 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 940271, 950266, 939279.

NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Mt Erin

Map : NZMS260/V22

Grid Reference : 391556

Altitude : 489 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 49

Nominal Vision Carrier : 695.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 700.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 51 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Egmont NZMS260/P20

Map Grid Reference

035122

Altitude

1467 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

49

Nominal Vision Carrier Class of Emission (Vision) 695.25

6M253CF 700.75

MHZ

MHz

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 43

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

Wharite Site Name LOCATION

> NZMS260/T23 Map

Grid Reference 529017

915 m Above Mean Altitude Sea Level

FREQUENCY AND CLASS OF EMISSION

50 Channe 1

Nominal Vision Carrier 703.25 MHZ

Class of Emission (Vision) 6M253CF :

Associated Sound Carrier 708.75 MHz

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

57 dBW eirp carrier

Vertical ANTENNA POLARISATION

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 683137, 713124, 730110 NZMS 262-8 723079, 689050, 738057, 725079

NZMS 262-7 774108

LOCATION

Site Name

Otahoua

Map

NZMS260/T26

Grid Reference

417219

Altitude

350 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

49

:

Nominal Vision Carrier

695.25

MHz

Class of Emission (Vision)

6M253CF

MHz

Associated Sound Carrier Class of Emission (Sound)

700.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

49 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Kaukau

Map : NZMS260/R27

Grid Reference : 590955

Altitude : 425 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 48

Nominal Vision Carrier : 687.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 692.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 54 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

- (a) The eirp of any emission on 110.3 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz <u>+</u>8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Grampians

Map

NZMS260/027

Grid Reference

334898

Altitude

392 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

47

Nominal Vision Carrier

679.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 684.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

44 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 61

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz +8 kHz shall be (a) attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

:

Wither Hills LOCATION Site Name

NZMS260/P28 : Map

921618 Grid Reference :

: 229 m Above Mean Altitude Sea level

FREQUENCY AND CLASS OF EMISSION

49 Channel

695.25 MHz Nominal Vision Carrier

Class of Emission (Vision)
Associated Sound Carrier
Class of Emission (Sound) : 6M253CF : 700.75 : 750KF3EGN

MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

31 dBW eirp : carrier

: Horizontal ANTENNA POLARISATION

m Above Mean 12 NOMINAL ANTENNA HEIGHT :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 14 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Rochfort NZMS260/K29

Map

Grid Reference

053357

Altitude

1041 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

47

Nominal Vision Carrier

679.25 6M253CF

MHz

Class of Emission (Vision) Associated Sound Carrier

684.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

52

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Paparoa

Map : NZMS260/K31

Grid Reference : 735656

Altitude : 823 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 48

Nominal Vision Carrier : 687.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 692.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 49 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262 -10 365869, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name Sugarloaf :

NZMS260/M36 Map :

Grid Reference 817337 :

Altitude 494 m Above Mean : Sea level

FREQUENCY AND CLASS OF EMISSION

Channel 50

703.25 MHz

: 6M253CF

: 708.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 64 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

381660, 382709, 399742, 444768, NZMS 262-13

478768, 488743, 458706

- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 26 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.
- The eirp can not exceed -20dBW in the sector 20° TN through (b) 80° TN

LOCATION

Site Name

Mt Mary

Map Grid Reference NZMS260/I38 921707

Altitude

991 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

48

Nominal Vision Carrier

687.25

Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound) :

692.75 750KF3EGN MHz

MHZ

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 48 dBW eirp

ANTENNA POLARISATION

Horizontal :

NOMINAL ANTENNA HEIGHT

43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 344830, 350817, 332810, 385847, 385830.

SPECIAL CONDITIONS

The eirp of any emission on 114.3 MHz ± 3 kHz shall be attenuated by 12 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

:

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the (b) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mount Studholme

Map

NZMS260/J40

Grid Reference

442164

Altitude |

1080 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

47

Nominal Vision Carrier

679.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 684.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

: 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-13 382660, 361659.

NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz +8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

: Obelisk

Map

NZMS260/G42

Grid Reference

126360

Altitude

1690 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

: 47

Nominal Vision Carrier

679.25

MHz

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

684.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

44 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

52

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 222529, 221551, 263583, 256588.

NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Little Mt Ida NZMS260/H41 :

Map

Grid Reference

785793

Altitude

1174 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

50

:

:

:

:

Nominal Vision Carrier

703.25

6M253CF

Class of Emission (Vision) Associated Sound Carrier

708.75

MHz MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

46 dBW eirp :

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

52

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS

The maximum permitted interfering signal is 30 dB μ V/m (a) measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION

Site Name

: Mt Cargill

Map

NZMS260/I44

Grid Reference

198853

Altitude

671 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

48

Nominal Vision Carrier

687.25

MHZ

Class of Emission (Vision)
Associated Sound Carrier

6M253CF

692.75

MHz

Class of Emission (Sound) :

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

:

60 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

- (a) The eirp of any emission on 109.9 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Hedgehope

Map : NZMS260/F45

Grid Reference : 782485 Altitude : 644 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 50

Nominal Vision Carrier : 703.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 708.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 54 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487

NZMS 262-17 184400, 199451

LOCATION

Site Name

Kuriwao

Map

NZMS260/G46

Grid Reference

301348

Altitude

638 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

49

Nominal Vision Carrier

695.25

MHZ

Class of Emission (Vision)

6M253CF 700.75

MHZ

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

38 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412

LOT OO5JJE

		-
		•
		7

PART LOT 005JJE

LOCATION

Site Name

Maungataniwha

Map

NZMS260/004

Grid Reference

584703

Altitude

582 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

52

:

:

:

Nominal Vision Carrier Class of Emission (Vision) 719.25

6M253CF

Associated Sound Carrier

724.75

MHz

MHZ

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

44 dBW eirp

ANTENNA POLARISATION

Vertical :

NOMINAL ANTENNA HEIGHT

52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-1 561657, 524670, 522700, 545703, 581680.

- The eirp of any emission on 156.8 MHz \pm 8 kHz shall be (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.

PART LOT 005JJE

LOCATION Site Name : Hikurangi

Map : NZMS260/P06

Grid Reference : 937288

Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 53

Nominal Vision Carrier : 727.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 732.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 35 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 609647, 582644, 575633, 587625, 617633.

LOCATION Site Name : Horokaka

Map : NZMS260/Q07

Grid Reference : 131916

Altitude : 516 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 54

Nominal Vision Carrier : 735.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 740.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 49 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Parahaki

Map

NZMS260/Q07

Grid Reference

315089

Altitude

243 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

52

Nominal Vision Carrier

719.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 724.75

Class of Emission (Sound)

750KF3EGN

MHZ

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

27 dBW eirp

ANTENNA POLARISATION

Horizontal

:

NOMINAL ANTENNA HEIGHT

17

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.

LOCATION Site Name : Waiatarua Map : NZMS260/R11

Grid Reference : 501740

Altitude : 394 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 51

Nominal Vision Carrier : 711.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 716.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 59 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680483, 663498

- (a) The eirp of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The eirp shall be minimized within the sector 170 ° to 320 ° notwithstanding the conditions of the General Provisions.

LOCATION

Site Name

Te Aroha NZMS260/T13

Map Grid Reference

525038

Altitude

944 m Above Mean Sea Level

MHZ

MHZ

FREQUENCY AND CLASS OF EMISSION

Channe 1

52

Nominal Vision Carrier

Class of Emission (Vision)

719.25

6M253CF

Associated Sound Carrier 724.75

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

59 dBW eirp

ANTENNA POLARISATION

Vertical :

NOMINAL ANTENNA HEIGHT

: 126 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 719437, 774411.

NZMS 262-4 802380, 752355, 714353, 700391.

LOCATION Site Name : Mt Edgecumbe Map : NZMS260/V16

Grid Reference : 378373

Altitude : 774 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 53

Nominal Vision Carrier : 727.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 732.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 48 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Pukepoto

Map : NZMS260/U16

Grid Reference : 036357

Altitude : 564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 51

Nominal Vision Carrier : 711.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 716.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 26 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 33 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-4 790336, 793347, 802345, 796348, 794333

- (a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION Site Na

Site Name : Paeroa Range

Map : NZMS260/U17 Grid Reference : 946084

Altitude

Altitude : 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 54

Nominal Vision Carrier : 735.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 740.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 34 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 22 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name

Site Name : Tuhingamata Map : NZMS260/U18

Grid Reference : 706728

Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 51

Nominal Vision Carrier : 711.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 716.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 29 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 765275, 777277, 778269 , 772256, 761251

- (a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 20 dB μ V/m measured with a horizontally polarized antenna or 40 dB μ V/m measured with a vertically polarized antenna.

LOCATION Site Name

Мар

Taumarunui NZMS260/S18

Grid Reference : 013553

Altitude : 518 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 54

Nominal Vision Carrier : 735.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 740.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 28 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 12 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz <u>+</u>8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Whakapunake

Map : NZMS260/X18

Grid Reference : 091532

Altitude : 914 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 52

Nominal Vision Carrier : 719.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 724.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 55 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 940271, 950266, 939279.

NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz \pm 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Mt Erin

Map : NZMS260/V22

Grid Reference : 391556

Altitude : 489 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 53

Nominal Vision Carrier : 727.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 732.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 51 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

: Mt Egmont

Map

NZMS260/P20

Grid Reference

035122

Altitude

1467 m Above Mean

Sea Level

MHz

FREQUENCY AND CLASS OF EMISSION

Channe 1

53

:

Nominal Vision Carrier

727.25 MHz

Class of Emission (Vision)

6M253CF

Associated Sound Carrier : 732.75

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 48 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Wharite

Map : NZMS260/T23

Grid Reference : 529017

Altitude : 915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 54

Nominal Vision Carrier : 735.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 740.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 57 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 683137, 713124, 730110

NZMS 262-8 723079, 689050, 738057, 725079

NZMS 262-7 774108

LOCATION

Site Name

: Otahoua

Map

NZMS260/T26

Grid Reference

417219

Altitude

350 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

53

Nominal Vision Carrier

727.25

6M253CF

Class of Emission (Vision)
Associated Sound Carrier

732.75

MHz

MHZ

Class of Emission (Sound)

750KF3EGN

MHZ

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

49 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 52 m Above

2 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Kaukau

Map

NZMS260/R27

Grid Reference

590955

Altitude

425 m Above Mean

rereude

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

52

Nominal Vision Carrier

719.25

MHz

Class of Emission (Vision)
Associated Sound Carrier

6M253CF 724.75

MHz

Class of Emission (Sound) :

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

:

:

54 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

- (a) The eirp of any emission on 110.3 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Grampians

Map

NZMS260/027

Grid Reference

334898

Altitude

392 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

51

Nominal Vision Carrier

711.25

Class of Emission (Vision) 6M253CF

Associated Sound Carrier

716.75

MHZ

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

dBW eirp 44

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be (a) attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

Wither Hills LOCATION Site Name

NZMS260/P28 Map

Grid Reference : 921618

229 m Above Mean Altitude Sea level

FREQUENCY AND CLASS OF EMISSION

53 Channel

Nominal Vision Carrier 727.25 MHz

Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 732.75
Class of Emission (Sound) : 750KF3EGN

MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

dBW eirp 31 : carrier

Horizontal : ANTENNA POLARISATION

12 m Above Mean NOMINAL ANTENNA HEIGHT :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 14 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Rochfort

Map

NZMS260/K29

Grid Reference

053357

Altitude

1041 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

51

Nominal Vision Carrier Class of Emission (Vision) 711.25 6M253CF MHz

Associated Sound Carrier

716.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

: 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Paparoa

Map : NZMS260/K31

Grid Reference : 735656

Altitude : 823 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 52

Nominal Vision Carrier : 719.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 724.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 49 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262 -10 365869, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the

Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Sugarloaf

Map : NZMS260/M36

Grid Reference : 817337 Altitude : 494 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 54

Nominal Vision Carrier : 735.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 740.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 64 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-13 381660, 382709, 399742, 444768,

478768, 488743, 458706

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Mary

Map

NZMS260/I38

Grid Reference

921707

Altitude

991 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channell

52

:

Nominal Vision Carrier

719.25

MHZ

MHz

Class of Emission (Vision)

6M253CF

724.75

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

: 48 dBW eirp

carrier

: Horizontal

NOMINAL ANTENNA HEIGHT

ANTENNA POLARISATION

43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 344830, 350817, 332810, 385847, 385830.

- (a) The eirp of any emission on 114.3 MHz ± 3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mount Studholme :

Map

NZMS260/J40

Grid Reference

442164

Altitude

1080 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

51

Nominal Vision Carrier

711.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 716.75

Class of Emission (Sound)

MHZ

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

Vertical

:

NOMINAL ANTENNA HEIGHT

61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-13 382660, 361659.

NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Obelisk

Map : NZMS260/G42

Grid Reference : 126360

Altitude : 1690 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 51

Nominal Vision Carrier : 711.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 716.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 44 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 222529, 221551, 263583, 256588.

NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name

Name : Little Mt Ida : NZMS260/H41

Map : NZMS26 Grid Reference : 785793

Altitude : 1174 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 54

Nominal Vision Carrier : 735.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 740.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 46 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION

Site Name

Mt Cargill

Map

NZMS260/I44

Grid Reference

198853

Altitude

671 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

52

:

:

Nominal Vision Carrier

719.25 MHZ

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

724.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

dBW eirp 60

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

- The eirp of any emission on 109.9 MHz ± 3 kHz shall be (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Hedgehope

NZMS260/F45 Map

Grid Reference 782485 :

644 m Above Mean Altitude

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1 54

Nominal Vision Carrier 735.25 : MHZ

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 740.75 MHZ

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier 54 dBW eirp

ANTENNA POLARISATION **Vertical**

NOMINAL ANTENNA HEIGHT 115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487 NZMS 262-17 184400, 199451

LOCATION Site Name : Kuriwao

Map : NZMS260/G46

Grid Reference : 301348

Altitude : 638 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 53

Nominal Vision Carrier : 727.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 732.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412



LOT 006JJF

LOCATION Site Name

Maungataniwha Map NZMS260/004

Grid Reference : 584703

Altitude 582 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1 56

Nominal Vision Carrier 751.25 MHz

Class of Emission (Vision) 6M253CF Associated Sound Carrier 756.75

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier 44 dBW eirp

ANTENNA POLARISATION Vertical

NOMINAL ANTENNA HEIGHT 52 m Above Mean

Ground Level

MHz

RECEIVE COVERAGE LOCATIONS

NZMS 262-1 561657, 524670, 522700, 545703, 581680.

- The eirp of any emission on 156.8 MHz \pm 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.

LOCATION Site Name : Hikurangi

Map : NZMS260/P06

Grid Reference : 937288

Altitude : 662 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 57

Nominal Vision Carrier : 759.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 764.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 35 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 609647, 582644, 575633, 587625, 617633.

LOCATION

Site Name

Horokaka

Map

NZMS260/Q07

Grid Reference

131916

Altitude

516 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

58

Nominal Vision Carrier

767.25

6M253CF

Class of Emission (Vision)

Associated Sound Carrier

772.75

MHZ

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

38 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 49

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Parahaki

Map

NZMS260/Q07

Grid Reference

315089

Altitude

243 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

56

:

:

Nominal Vision Carrier

751.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF

756.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

27 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

17 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.

LOCATION

Site Name

: Waiatarua

Map

NZMS260/R11

Grid Reference

501740

Altitude

001140

394 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

55

Nominal Vision Carrier

743.25

MHz

Class of Emission (Vision)
Associated Sound Carrier

6M253CF

MHz

Class of Emission (Sound)

748.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 59 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

: 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680483, 663498

- (a) The eirp of any emission on 110.3 MHz \pm 10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The eirp shall be minimized within the sector 170 ' to 320 ' notwithstanding the conditions of the General Provisions.

LOCATION Site Name : Te Aroha

Map : NZMS260/T13

Grid Reference : 525038

Altitude : 944 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 56

Nominal Vision Carrier : 751.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 756.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 59 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 126 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 719437, 774411.

NZMS 262-4 802380, 752355, 714353, 700391.

LOCATION

Site Name

Mt Edgecumbe : NZMS260/V16

Map

:

Grid Reference

378373

Altitude

774 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

57

:

Nominal Vision Carrier

759.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 764.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

m Above Mean 61

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Pukepoto

Map

NZMS260/U16

Grid Reference

036357

Altitude

564 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

55

:

:

:

Nominal Vision Carrier

743.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 748.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

26 dBW eirp

ANTENNA POLARISATION

: **Vertical**

NOMINAL ANTENNA HEIGHT

m Above Mean 33

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 790336, 793347, 802345, 796348, 794333

- The eirp of any emission on 156.8 MHz ± 8 kHz shall be (a) attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 $dB\mu V/m$ measured with a horizontally polarized antenna.

LOCATION

Site Name

Paeroa Range

Map

NZMS260/U17

Grid Reference

946084

Altitude

997 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

58

:

:

:

Nominal Vision Carrier

767.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF 772.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

34

dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

22

m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz \pm 8 kHz shall (a) attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Tuhingamata Map : NZMS260/U18

Grid Reference : 706728

Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 55

Nominal Vision Carrier : 743.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 748.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 29 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 765275, 777277, 778269 , 772256, 761251

- (a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 20 dB μ V/m measured with a horizontally polarized antenna or 40 dB μ V/m measured with a vertically polarized antenna.

LOCATION Site Name : Taumarunui

Map : NZMS260/S18

Grid Reference : 013553

Altitude : 518 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 58

Nominal Vision Carrier : 767.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 772.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 28 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 12 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Whakapunake : NZMS260/X18

Map

091532 :

Grid Reference

Altitude

914 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

56

:

Nominal Vision Carrier

751.25

6M253CF

756.75

MHZ

MHz

Associated Sound Carrier Class of Emission (Sound)

Class of Emission (Vision)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48

dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

55 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 940271, 950266, 939279. NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name Mt Erin

> NZMS260/V22 Map

Grid Reference 391556 :

489 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

57 Channel

Nominal Vision Carrier 759.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier 764.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

: 51 dBW eirp carrier

ANTENNA POLARISATION Vertical

NOMINAL ANTENNA HEIGHT 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions. (a)

LOCATION

Site Name

Mt Egmont

Map

NZMS260/P20

Grid Reference

035122

Altitude

1467 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

57

Nominal Vision Carrier

759.25 6M253CF MHZ

Class of Emission (Vision) Associated Sound Carrier

764.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 :

dBW eirp

ANTENNA POLARISATION

Horizontal :

NOMINAL ANTENNA HEIGHT

43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Wharite :

Map

NZMS260/T23

Grid Reference

529017

Altitude

915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

58

:

Nominal Vision Carrier

767.25

MHz

Class of Emission (Vision)

6M253CF

Associated Sound Carrier Class of Emission (Sound) 772.75

MHZ

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

:

57 dBW eirp

ANTENNA POLARISATION

:

Vertical

NOMINAL ANTENNA HEIGHT

122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 683137, 713124, 730110

NZMS 262-8 723079, 689050, 738057, 725079

NZMS 262-7 774108

LOCATION

Site Name

: Otahoua

Map

NZMS260/T26

Grid Reference

417219

Altitude

350 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe1

: 57

:

Nominal Vision Carrier

759.25

MHz

Class of Emission (Vision)
Associated Sound Carrier

6M253CF 764.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 49 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

:

LOCATION Site Name Kaukau

> NZMS260/R27 Map

Grid Reference 590955

Altitude 425 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1 56

Nominal Vision Carrier 751.25 MHZ

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 756.75 MHZ

Associated Sound Carrier : Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier 54 dBW eirp :

ANTENNA POLARISATION Horizontal :

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

- The eirp of any emission on 110.3 MHz ± 3 kHz shall be (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the (b) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Grampians

Map : NZMS260/027

Grid Reference : 334898

Altitude : 392 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 55

Nominal Vision Carrier : 743.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 748.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 44 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Wither Hills : NZMS260/P28 :

Map Grid Reference

921618

Altitude

229 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

57

:

:

:

Nominal Vision Carrier

759.25

MHz

Class of Emission (Vision)
Associated Sound Carrier
Class of Emission (Sound)

6M253CF 764.75

MHz

750KF3EGN

:

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

31 dBW eirp :

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 12

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 14 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Mt Rochfort

Map : NZMS260/K29

Grid Reference : 053357
Altitude : 1041 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 55

Nominal Vision Carrier : 743.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 748.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 47 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Paparoa

Map

NZMS260/K31

Grid Reference

735656

Altitude

823 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

56

Nominal Vision Carrier

751.25 6M253CF

MHZ

Class of Emission (Vision) Associated Sound Carrier

756.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

49 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 365869, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

:

LOCATION

Site Name

Sugarloaf

Map

NZMS260/M36

Grid Reference

817337

Altitude

494 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

58

Nominal Vision Carrier

767.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 772.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

64 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-13 381660, 382709, 399742, 444768,

478768, 488743, 458706

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 26 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Mary

Map

NZMS260/I38

Grid Reference

921707

Altitude

991 m Above Mean

Sea level

MHZ

FREQUENCY AND CLASS OF EMISSION

Channe 1

56

Nominal Vision Carrier Class of Emission (Vision) 751.25

6M253CF

Associated Sound Carrier

756.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

dBW eirp : 48

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

m Above Mean 43

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 344830, 350817, 332810, 385847, 385830.

SPECIAL CONDITIONS

The eirp of any emission on 114.3 MHz ± 3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions. (a)

:

The eirp of any emission on 156.8 MHz ± 8 kHz shall be (b) attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mount Studholme

Мар

NZMS260/J40

Grid Reference

442164

Altitude

1080 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

55

Nominal Vision Carrier

743.25 6M253CF

Class of Emission (Vision) Associated Sound Carrier Class of Emission (Sound)

748.75

MHZ

MHZ

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp :

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-13 382660, 361659.

NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Obelisk

Map : NZMS260/G42

Grid Reference : 126360

Altitude : 1690 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 55

Nominal Vision Carrier : 743.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 748.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 44 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 222529, 221551, 263583, 256588.

NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Little Mt Ida
Map : NZMS260/H41

Grid Reference : 785793

Altitude : 1174 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 58

Nominal Vision Carrier : 767.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 772.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 46 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION

Site Name

Mt Cargill

Map

NZMS260/I44

Grid Reference

198853

Altitude

671 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

56

Nominal Vision Carrier

751.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 756.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

60 dBW eirp

ANTENNA POLARISATION

Horizontal

:

NOMINAL ANTENNA HEIGHT

105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

- (a) The eirp of any emission on 109.9 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the (b) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Hedgehope

Map

NZMS260/F45

Grid Reference

782485

Altitude

644 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

58

Nominal Vision Carrier Class of Emission (Vision) 767.25

6M253CF

Associated Sound Carrier

772.75

MHZ

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

:

54 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487 NZMS 262-17 184400, 199451

LOCATION Site Name : Kuriwao

Map : NZMS260/G46

Grid Reference : 301348

Altitude : 638 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 57

Nominal Vision Carrier : 759.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 764.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412

;

LOT 007JJG

LOCATION Site Name : Maungataniwha

Map : NZMS260/004

Grid Reference : 584703

Altitude : 582 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 60

Nominal Vision Carrier : 783.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 788.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 44 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-1 561657, 524670, 522700, 545703, 581680.

- (a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.

LOCATION

Site Name

Hikurangi :

Map

NZMS260/P06

Grid Reference

937288

Altitude

662 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

61

:

:

Nominal Vision Carrier

791.25

MHz

Class of Emission (Vision)

6M253CF 796.75

MHz

Associated Sound Carrier

750KF3EGN

Class of Emission (Sound)

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

35 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

m Above Mean 61

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 609647, 582644, 575633, 587625, 617633.

LOCATION

Site Name

Horokaka

Map

NZMS260/Q07

Grid Reference

131916

Altitude

516 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

62

:

:

Nominal Vision Carrier

799.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 804.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

38

dBW eirp

ANTENNA POLARISATION

Horizontal :

NOMINAL ANTENNA HEIGHT

49 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION S

Site Name : Parahaki

Map : NZMS260/Q07

Grid Reference : 315089

Altitude : 243 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 60

Nominal Vision Carrier : 783.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 788.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 27 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 17 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dB μ V/m measured with a horizontally polarized antenna or 50 dB μ V/m measured with a vertically polarized antenna.

LOCATION

Site Name

Waiatarua

Map

NZMS260/R11

Grid Reference

501740

Altitude

394 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

59

:

Nominal Vision Carrier

775.25

MHZ

Class of Emission (Vision)
Associated Sound Carrier

6M253CF

. .. .

Class of Emission (Sound)

780.75 750KF3EGN MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 59 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

: 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680483, 663498

- (a) The eirp of any emission on 110.3 MHz ± 10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The eirp shall be minimized within the sector 170 ° to 320 ° notwithstanding the conditions of the General Provisions.

LOCATION

Site Name

: Te Aroha

Map

NZMS260/T13

Grid Reference

525038

Altitude

944 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

60

:

Nominal Vision Carrier

783.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF

Class of Emission (Sound)

788.75

MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 59 dBW eirp

ANTENNA POLARISATION

: Vertical

NOMINAL ANTENNA HEIGHT

126 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 719437, 774411.

NZMS 262-4 802380, 752355, 714353, 700391.

LOCATION

Site Name

Mt Edgecumbe NZMS260/V16

Map

378373

Grid Reference

Altitude

774 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

61

:

Nominal Vision Carrier

791.25

Class of Emission (Vision)

6M253CF 796.75

MHz

MHz

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

48 dBW eirp :

ANTENNA POLARISATION

Vertical :

NOMINAL ANTENNA HEIGHT

61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

: Pukepoto

Map

NZMS260/U16

Grid Reference

036357

Altitude

564 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

59

:

Nominal Vision Carrier

775.25

MHz

Class of Emission (Vision)
Associated Sound Carrier

6M253CF 780.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 26 dBW eirp

ANTENNA POLARISATION

: Vertical

NOMINAL ANTENNA HEIGHT

33 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 790336, 793347, 802345, 796348, 794333

- (a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION Site Name : Paeroa Range

Map : NZMS260/U17

Grid Reference : 946084

Altitude : 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 62

Nominal Vision Carrier : 799.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 804.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 34 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 22 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 775308, 786319, 804312, 802302,

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz \pm 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name : Tuhingamata Map : NZMS260/U18

Grid Reference : 706728

Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 59

Nominal Vision Carrier : 775.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 780.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 29 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 765275, 777277, 778269, 772256, 761251

- (a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum permitted interfering signal is 20 dB μ V/m measured with a horizontally polarized antenna or 40 dB μ V/m measured with a vertically polarized antenna.

LOCATION

Site Name

: Taumarunui

Map

NZMS260/S18

Grid Reference

013553

Altitude

013333

.

518 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

62

Nominal Vision Carrier

799.25

MHZ

Class of Emission (Vision)
Associated Sound Carrier

6M253CF 804.75

. . . .

Class of Emission (Sound)

750KF3EGN

MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

28 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 12

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Whakapunake

Map

NZMS260/X18

Grid Reference

091532

Altitude

914 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

60 :

Nominal Vision Carrier

783.25 6M253CF MHZ

Class of Emission (Vision) Associated Sound Carrier

788.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

48 dBW eirp :

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 55 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 940271, 950266, 939279.

NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mt Erin :

Map

NZMS260/V22

Grid Reference

391556

Altitude

489 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channe 1

61

Nominal Vision Carrier

791.25

6M253CF

Class of Emission (Vision) Associated Sound Carrier

796.75

MHZ

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

:

51 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

: 50

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall be (a) attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

6588

Site Name

Mt Egmont

Map

NZMS260/P20

Grid Reference

035122

Altitude

1467 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

61

Nominal Vision Carrier

791.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 796.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

48 dBW eirp

ANTENNA POLARISATION

Horizontal :

NOMINAL ANTENNA HEIGHT

43

:

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION Site Name

> Map NZMS260/T23

Grid Reference 529017

915 m Above Mean Altitude

Sea Level

Wharite

FREQUENCY AND CLASS OF EMISSION

Channe 1 62

Nominal Vision Carrier 799.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 804.75 MHz

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 57 dBW eirp

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-6 683137, 713124, 730110 NZMS 262-8 723079, 689050, 738057, 725079

NZMS 262-7 774108

LOCATION Site Name : Otahoua

Map : NZMS260/T26

Grid Reference : 417219

Altitude : 350 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 61

Nominal Vision Carrier : 791.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 796.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 49 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Kaukau

Map

NZMS260/R27

Grid Reference

590955

Altitude

425 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

60

Nominal Vision Carrier

783.25

MHZ

Class of Emission (Vision) Associated Sound Carrier

6M253CF

Class of Emission (Sound)

788.75 750KF3EGN MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

54 : dBW eirp

:

:

Horizontal

NOMINAL ANTENNA HEIGHT

ANTENNA POLARISATION

122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

- The eirp of any emission on 110.3 MHz ± 3 kHz shall be (a) attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 19 dB more than the level specified as the (b) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Grampians

NZMS260/027

Grid Reference

334898

Altitude

392 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel 1

59

:

Nominal Vision Carrier

775.25

MHZ

Class of Emission (Vision)

6M253CF 780.75

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MHZ

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

44 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

61

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Wither Hills :

Map

NZMS260/P28 :

Grid Reference

921618

Altitude

229 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

61

Nominal Vision Carrier

791.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 796.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

31 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

12 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-9 576967, 583962, 597978, 597963

- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 14 dB more than the level specified as the (a) Unwanted Emission Limit in the General Provisions.
- (b) Adequate protection may not be given to input signals of television translators operating in the VHF band.

LOCATION Site Name : Mt Rochfort

Map : NZMS260/K29

Grid Reference : 053357

Altitude : 1041 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 59

Nominal Vision Carrier : 775.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 780.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 47 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Paparoa

Map

NZMS260/K31

Grid Reference

735656

Altitude

823 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channel

60

Nominal Vision Carrier

783.25

MHZ

Class of Emission (Vision)

6M253CF

Associated Sound Carrier

788.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

49 dBW eirp

Horizontal

NOMINAL ANTENNA HEIGHT

ANTENNA POLARISATION

52

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262 -10 365369, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

: Sugarloaf

Map

: NZMS260/M36

Grid Reference

817337

Altitude

494 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

62

Nominal Vision Carrier

799.25

MHZ

Class of Emission (Vision)
Associated Sound Carrier

6M253CF 804.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 64 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-13 381660, 382709, 399742, 444768,

478768, 488743, 458706

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

: Mt Mary

Map

NZMS260/I38

Grid Reference

921707

Altitude

991 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

60

Nominal Vision Carrier Class of Emission (Vision) 783.25 6M253CF MHZ

Associated Sound Carrier

788.75

MHZ

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

: 48 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 43 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 344830, 350817, 332810, 385847, 385830.

- (a) The eirp of any emission on 114.3 MHz ± 3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Mount Studholme

NZMS260/J40

Grid Reference

442164

Altitude

1080 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

59

Nominal Vision Carrier Class of Emission (Vision) 775.25

6M253CF

780.75 MHz

MHZ

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

47 dBW eirp

ANTENNA POLARISATION

: Vertical

NOMINAL ANTENNA HEIGHT

: 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-13 382660, 361659.

NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz ± 8 kHz shall b attenuated by 7 dB more than the level specified as th (a) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Obelisk

Map

NZMS260/G42

Grid Reference

126360

Altitude

1690 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

59

Nominal Vision Carrier

775.25

MHZ

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier Associated Sound Carrier : Class of Emission (Sound) :

780.75

MHZ

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

44 dBW eirp

Horizontal

NOMINAL ANTENNA HEIGHT

ANTENNA POLARISATION

: 52

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 222529, 221551, 263583, 256588.

NZMS 262-14 211572.

SPECIAL CONDITIONS

The eirp of any emission on 156.8 MHz \pm 8 kHz shall be (a) attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

MHz

LOCATION Site Name Little Mt Ida : Map NZMS260/H41

Grid Reference 785793 :

Altitude 1174 m Above Mean Sea level

:

FREQUENCY AND CLASS OF EMISSION

Channel 62

Nominal Vision Carrier 799.25 MHz Class of Emission (Vision) 6M253CF : Associated Sound Carrier 804.75

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : 46 dBW eirp

ANTENNA POLARISATION Vertical

NOMINAL ANTENNA HEIGHT 52 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS

The maximum permitted interfering signal is 30 dB μ V/m (a) measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOCATION

Site Name

Mt Cargill

Map

NZMS260/I44

Grid Reference

198853

Altitude

671 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

60

Nominal Vision Carrier

783.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 788.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

: 60 dBW eirp

carrier

Horizontal

NOMINAL ANTENNA HEIGHT

ANTENNA POLARISATION

105 m Above Mean

:

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

- (a) The eirp of any emission on 109.9 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the (b) Unwanted Emission Limit in the General Provisions.

LOCATION

Site Name

Hedgehope

Map

NZMS260/F45

Grid Reference

782485

Altitude

644 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

62

Nominal Vision Carrier Class of Emission (Vision) 799.25

6M253CF

804.75

MHz

MHZ

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

54 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

m Above Mean 115

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487 NZMS 262-17 184400, 199451

LOCATION

Site Name

Kuriwao

NZMS260/G46

Grid Reference

301348

Altitude

638 m Above Mean

Sea level

FREQUENCY AND CLASS OF EMISSION

Channe 1

61

Nominal Vision Carrier

791.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF

MHZ

796.75

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

dBW eirp 38

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

: 52

m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412

LOT OOSJJH

TO

LOT 070JGJ

, .			

LOT 008JJH

LOCATION Site Name Waiatarua : NZMS260/R11

Grid Reference : 501740

Altitude 394 m Above Mean : Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 29

Nominal Vision Carrier 535.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier 540.75 MHz

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (d)

ANTENNA POLARISATION Horizontal

NOMINAL ANTENNA HEIGHT 122 m Above Mean :

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 667500, 677482, 685458.

- The effective radiated power of any emission on 110.3 MHz \pm 10 kHz shall be attenuated by 2 dB more than the level (a) specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The maximum interfering signal shall be 23 dB μ V/m measured (C) with a horizontally polarized antenna or 43 dB \(\mu \)/m measured with a vertically polarized antenna.
- (d)
- The effective isotropic radiated power shall: (1) not exceed 45 dBW over sector 30° to 110°
 - be less than 20 dBW over sector 110° through TN to 30°

LOT 009JJI

LOCATION Site Name : Waiatarua

Map : NZMS260/R11

Grid Reference : 501740

Altitude : 394 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 33

Nominal Vision Carrier : 567.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 572.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (d)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-3 667500, 677482, 685458.

- (a) The effective radiated power of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz +8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The maximum interfering signal shall be 23 dB μ V/m measured with a horizontally polarized antenna or 43 dB μ V/m measured with a vertically polarized antenna.
- (d) The effective isotropic radiated power shall:
 - (1) not exceed 45 dBW over sector 30° to 110°
 - (2) be less than 20 dBW over sector 110° through TN to 30°

LOT 010JAJ

LOCATION Site Name : Waiatarua

Map : NZMS260/R11

Grid Reference : 501740

Altitude : 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 45

Nominal Vision Carrier : 663.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 668.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special conditon (d)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-3 667500, 677482, 685458.

- (a) The effective radiated power of any emission on 110.3 MHz ± 10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The maximum interfering signal shall be 23 dB μ V/m measured with a horizontally polarized antenna or 43 dB μ V/m measured with a vertically polarized antenna.
- (d) The effective isotropic radiated power shall:
 - (1) not exceed 45 dBW over sector 30° to 110°
 - (2) be less than 20 dBW over sector 110° through TN to 30°

LOT 011JAA

LOCATION Site Name : Waiatarua NZMS260/R11

Map :

Grid Reference : 501740

394 m Above Mean Altitude : Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 49

Nominal Vision Carrier 695.25 MHz

Class of Emission (Vision) 6M253CF :

Associated Sound Carrier 700.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (d)

ANTENNA POLARISATION Horizontal

122 m Above Mean NOMINAL ANTENNA HEIGHT :

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 667500, 677482, 685458.

- The effective radiated power of any emission on 110.3 MHz \pm 10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) +8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The maximum interfering signal shall be 23 dB μ V/m measured (C) with a horizontally polarized antenna or 43 dB μ V/m measured with a vertically polarized antenna.
- The effective isotropic radiated power shall: (d)
 - not exceed 45 dBW over sector 30° to 110°
 - be less than 20 dBW over sector 110° through TN to 30° (2)

LOT 012JAB

LOCATION Site Name : Waiatarua

Map : NZMS260/R11

Grid Reference : 501740

Altitude : 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 53

Nominal Vision Carrier : 727.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 732.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (d)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-3 667500, 677482, 685458.

- (a) The effective radiated power of any emission on 110.3 MHz ± 10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The maximum interfering signal shall be 23 dB μ V/m measured with a horizontally polarized antenna or 43 dB μ V/m measured with a vertically polarized antenna.
- (d) The effective isotropic radiated power shall:
 - (1) not exceed 45 dBW over sector 30° to 110°
 - (2) be less than 20 dBW over sector 110° through TN to 30°

LOT 013JAC

LOCATION Site Name : Waiatarua

Map : NZMS260/R11

Grid Reference : 501740

Altitude : 394 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 57

Nominal Vision Carrier : 759.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 764.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (d)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 667500, 677482, 685458.

- (a) The effective radiated power of any emission on 110.3 MHz ± 10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The maximum interfering signal shall be 23 dB μ V/m measured with a horizontally polarized antenna or 43 dB μ V/m measured with a vertically polarized antenna.
- (d) The effective isotropic radiated power shall:
 - (1) not exceed 45 dBW over sector 30° to 110°
 - (2) be less than 20 dBW over sector 110° through TN to 30°

LOT 014JAD

Waiatarua LOCATION Site Name :

NZMS260/R11

Grid Reference : 501740

394 m Above Mean Altitude Sea Level

FREQUENCY AND CLASS OF EMISSION

61 Channel

Nominal Vision Carrier 791.25 MHz :

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier 796.75 MHz :

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

Special condition (d) carrier

Horizontal ANTENNA POLARISATION

122 m Above Mean NOMINAL ANTENNA HEIGHT :

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-3 667500, 677482, 685458.

- The effective radiated power of any emission on 110.3 MHz ± 10 kHz shall be attenuated by 2 dB more than the level (a) specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) +8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The maximum interfering signal shall be 23 dB μ V/m measured (C) with a horizontally polarized antenna or 43 dB μ V/m measured with a vertically polarized antenna.
- (d)
- The effective isotropic radiated power shall: (1) not exceed 45 dBW over sector 30° to 110°
 - be less than 20 dBW over sector 110° through TN to 30° (2)

LOT 015JAE

LOCATION Site Name Ruru

NZMS260/T14

Grid Reference : 357760

Altitude 482 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 30

Nominal Vision Carrier 543.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier Class of Emission (Sound) 548.75 MHz :

: 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special Condition (a) :

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT 50 m Above Mean :

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-4 705378, 709384, 711370, 718378.

- The effective isotropic radiated power shall: (a)
 - (1) not exceed 42 dBW over sector 250° to 290°
 - be less than 20 dBW over sector 290° through TN to (2) 250°
- (b) The maximum interfering signal level shall be 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 016JAF

Ruru Site Name LOCATION

> NZMS260/T14 Map

357760 Grid Reference :

482 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

34 Channel

575.25 MHz Nominal Vision Carrier

Nominal Vision Carrier : 575.25
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 580.75
Class of Emission (Sound) : 750KF3EGN

MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

Special Condition (a) carrier

Vertical : ANTENNA POLARISATION

: 50 m Above Mean NOMINAL ANTENNA HEIGHT

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-4 705378, 709384, 711370, 718378.

- The effective isotropic radiated power shall: (a)
 - not exceed 42 dBW over sector 250° to 290°
 - be less than 20 dBW over sector 290° through TN to (2) 250°
- The maximum interfering signal level shall be 30 dB μ V/m (b) measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 017JAG

LOCATION Site Name : Ruru

Map NZMS260/T14

Grid Reference : 357760

Altitude 482 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 46

Nominal Vision Carrier 671.25 : MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier 676.75 MHz

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special Condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-4 705378, 709384, 711370, 718378.

- (a) The effective isotropic radiated power shall:

 - (1) not exceed 42 dBW over sector 250° to 290° (2) be less than 20 dBW over sector 290° through TN to 250°
- The maximum interfering signal level shall be 30 dB $\mu V/m$ (b) measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 018JAH

LOCATION Site Name : Ruru

Map : NZMS260/T14

Grid Reference : 357760

Altitude : 482 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 50

Nominal Vision Carrier : 703.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 708.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special Condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-4 705378, 709384, 711370, 718378.

- (a) The effective isotropic radiated power shall:
 - (1) not exceed 42 dBW over sector 250° to 290°
 - (2) be less than 20 dBW over sector 290° through TN to 250°
- (b) The maximum interfering signal level shall be 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 019JAI

LOCATION Site Name : Kopukairua Map : NZMS260/U14

Grid Reference : 956806

Altitude : 260 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 54

Nominal Vision Carrier : 735.25 MHz

Class of Emission (Vision) : 6M253CF Associated Sound Carrier : 740.75

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special Condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 40 m Above Mean

Ground Level

MHz

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 792387, 784388, 787380.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz attenuated by 40 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective isotropic radiated power shall:
 - (1) not exceed 32 dBW over sector 270° to TN
 - (2) shall be less than 20 dBW over sector TN to 270°
- (c) The maximum interfering signal level is 24 dB μ V/m measured with a vertically polarized antenna or 44 dB μ V/m measured with a horizontally polarized antenna.

LOT 020JBJ

LOCATION

Site Name

Kopukairua :

NZMS260/U14 :

Grid Reference

956806

Altitude

260 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

58

:

:

Nominal Vision Carrier

767.25

MHz

MHz

Class of Emission (Vision)

6M253CF

772.75

Associated Sound Carrier Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

Special Condition (b)

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

40 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-4 792387, 784388, 787380.

- The effective radiated power of any emission on 156.8 MHz ±8 kHz attenuated by 40 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (b)
 - (1) not exceed 32 dBW over sector 270° to TN
 - shall be less than 20 dBW over sector TN to 270°
- The maximum interfering signal level is 24 dB μ V/m measured (C) with a vertically polarized antenna or 44 dBµV/m measured with a horizontally polarized antenna.

LOT 021JBA

LOCATION Site Name : Kopukairua Map : NZMS260/U14

Grid Reference : 956806

Altitude : 260 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 62

Nominal Vision Carrier : 799.25 MHz

Class of Emission (Vision) : 6M253CF Associated Sound Carrier : 804.75

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special Condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 40 m Above Mean

Ground Level

MHz

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 792387, 784388, 787380.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz attenuated by 40 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective isotropic radiated power shall:
 - (1) not exceed 32 dBW over sector 270° to TN
 - (2) shall be less than 20 dBW over sector TN to 270°
- (c) The maximum interfering signal level is 24 dB μ V/m measured with a vertically polarized antenna or 44 dB μ V/m measured with a horizontally polarized antenna.

LOT 022JBB

LOCATION Site Name Mt Erin

> : NZMS260/V22

Grid Reference

: 391556 : 489 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

Nominal Vision Carrier : 519.25 MH2

Class of Emission (Vision) 6M253CF

Associated Sound Carrier : Class of Emission (Sound) : 523.75 MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (b)

ANTENNA POLARISATION Vertical

NOMINAL ANTENNA HEIGHT 50 m Above Mean :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 834170, 845164, 845184, 840177.

- The effective radiated power of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 12 dB more than the level (a) specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (b)
 - (1) not exceed 38 dBW over sector 340° through TN to 10°
 - (2) be less than 20 dBW over sector 10° to 340°

LOT 023JBC

LOCATION Site Name : Mt Erin

Map : NZMS260/V22

Grid Reference : 391556

Altitude : 489 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 31

Nominal Vision Carrier : 551.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 556.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS :

NZMS 262-7 834170, 845164, 845184, 840177.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective isotropic radiated power shall:
 - (1) not exceed 38 dBW over sector 340° through TN to 10°
 - (2) be less than 20 dBW over sector 10° to 340°

LOT 024JBD

LOCATION Site Name Mt Erin :

NZMS260/V22

Grid Reference 391556

: Altitude 489 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 43 :

Nominal Vision Carrier 647.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier : Class of Emission (Sound) : 652.75 MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (b)

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 834170, 845164, 845184, 840177.

- The effective radiated power of any emission on 156.8 MHz (a) +8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (b)
 - (1) not exceed 38 dBW over sector 340° through TN to 10°
 - (2) be less than 20 dBW over sector 10° to 340°

LOT 025JBE

LOCATION Site Name : Mt Erin

Map : NZMS260/V22

Grid Reference : 391556

Altitude : 489 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 47

Nominal Vision Carrier : 679.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 684.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-7 834170, 845164, 845184, 840177.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective isotropic radiated power shall:
 - (1) not exceed 38 dBW over sector 340° through TN to 10°
 - (2) be less than 20 dBW over sector 10° to 340°

LOT 026JBF

: Mt Erin Site Name LOCATION

NZMS260/V22 Map :

Grid Reference :

391556 489 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 51

MHz

Nominal Vision Carrier : 711.25
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 716.75
Class of Emission (Sound) : 750KF3EGN MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (b)

Vertical ANTENNA POLARISATION :

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 834170, 845164, 845184, 840177.

- The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (b)
 - (1) not exceed 38 dBW over sector 340° through TN to 10°
 - (2) be less than 20 dBW over sector 10° to 340°

LOT 027JBG

LOCATION Site Name Mt Erin :

> Map NZMS260/V22 :

Grid Reference : 391556

489 m Above Mean Altitude : Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 55

Nominal Vision Carrier 743.25 MHz

Class of Emission (Vision) :

6M253CF 748.75 750KF3EGN Associated Sound Carrier : Class of Emission (Sound) : MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 834170, 845164, 845184, 840177.

- The effective radiated power of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall:
 - (1) not exceed 38 dBW over sector 340° through TN to 10°
 - (2) be less than 20 dBW over sector 10° to 340°

LOT 028JBH

LOCATION Site Name Mt Erin

NZMS260/V22

Grid Reference : 391556

Altitude 489 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 59

Nominal Vision Carrier 775.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier : Class of Emission (Sound) : 780.75 MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT 50 m Above Mean :

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-7 834170, 845164, 845184, 840177.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective isotropic radiated power shall:
 - (1) not exceed 38 dBW over sector 340° through TN to 10°
 - (2) be less than 20 dBW over sector 10° to 340°

LOT 029JBI

LOCATION Site Name Wharite :

NZMS260/T23

Grid Reference

: 529017 : 915 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

MHz

Channel : 28
Nominal Vision Carrier : 527.25
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 532.75
Class of Emission (Sound) : 750KF3EGN MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-8 733095, 726088, 733087.

- The effective isotropic radiated power shall: (a)
 - (1) not exceed 35 dBW over sector 240° to 300°
 - be less than 20 dBW over sector 300° through TN to \cdot (2) 240°
- The maximum interfering signal level is 30 $dB\mu V/m$ measured (b) with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 030JCJ

LOCATION Site Name Wharite

> NZMS260/T23 :

Grid Reference : : 529017

Altitude 915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 32

Nominal Vision Carrier 559.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier : Class of Emission (Sound) : 564.75 MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (a) :

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT 122 m Above Mean :

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-8 733095, 726088, 733087.

- The effective isotropic radiated power shall: (a)
 - (1) not exceed 35 dBW over sector 240° to 300°
 - (2) be less than 20 dBW over sector 300° through TN to 240°
- The maximum interfering signal level is 30 dB μ V/m measured (b) with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.

LOT 031JCA

LOCATION Site Name Wharite :

NZMS260/T23

Grid Reference : 529017

Altitude 915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 44

Nominal Vision Carrier 655.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier 660.75 : MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (a)

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT 122 m Above Mean :

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-8 733095, 726088, 733087.

- The effective isotropic radiated power shall: (a)
 - (1) not exceed 35 dBW over sector 240° to 300°
 - (2) be less than 20 dBW over sector 300° through TN to 240°
- The maximum interfering signal level is 30 dB μ V/m measured (b) with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.

LOT 032JCB

Site Name Wharite LOCATION

NZMS260/T23

Grid Reference 529017 :

Altitude 915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 48

Nominal Vision Carrier 687.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier 692.75 MHz :

Class of Emission (Sound) 750KF3EGN :

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (a)

ANTENNA POLARISATION Vertical

122 m Above Mean NOMINAL ANTENNA HEIGHT :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 733095, 726088, 733087.

SPECIAL CONDITIONS

The effective isotropic radiated power shall: (a)

(1) not exceed 35 dBW over sector 240° to 300°

(2) be less than 20 dBW over sector 300° through TN to 240°

The maximum interfering signal level is 30 dB μ V/m measured (b) with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.

LOT 033JCC

LOCATION Site Name : Wharite

Map : NZMS260/T23

Grid Reference : 529017

Altitude : 915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 52

Nominal Vision Carrier : 719.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 724.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-8 733095, 726088, 733087.

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:

(1) not exceed 35 dBW over sector 240° to 300°

(2) be less than 20 dBW over sector 300° through TN to 240°

(b) The maximum interfering signal level is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 034JCD

LOCATION Site Name : Wharite

Map : NZMS260/T23

Grid Reference : 529017

Altitude : 915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 56

Nominal Vision Carrier : 751.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 756.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 733095, 726088, 733087.

- (a) The effective isotropic radiated power shall:
 - (1) not exceed 35 dBW over sector 240° to 300°
 - (2) be less than 20 dBW over sector 300° through TN to 240°
- (b) The maximum interfering signal level is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 035JCE

LOCATION Site Name : Wharite

Map : NZMS260/T23

Grid Reference : 529017

Altitude : 915 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 60

Nominal Vision Carrier : 783.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 788.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-8 733095, 726088, 733087.

- (a) The effective isotropic radiated power shall:
 - (1) not exceed 35 dBW over sector 240° to 300°
 - (2) be less than 20 dBW over sector 300° through TN to 240°
- (b) The maximum interfering signal level is 30 dB μ V/m measured with a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 036JCF

Site Name LOCATION : Kaukau

> Map NZMS260/R27

Grid Reference : 590955

Altitude 425 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 30

Nominal Vision Carrier 543.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier : 548.75 Class of Emission (Sound) : 750KF3EGN MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (c) :

ANTENNA POLARISATION Horizontal :

NOMINAL ANTENNA HEIGHT 122 m Above Mean :

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-8 663997, 663989, 660988, 657987.

- The effective radiated power of any emission on 110.3 MHz (a) +3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz +8 kHz shall be attentuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (C)
 - not exceed 38 dBW over sector 33° to 210°
 - be less than 20 dBW over sector 210° through TN to (2) 33°.
- (d) The maximum interfering signal level shall be 30 dB \(\mu \text{V/m} \) measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.

LOT 037JCG

LOCATION Site Name : Kaukau

> NZMS260/R27 :

Grid Reference : 590955

Altitude 425 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 34 :

Nominal Vision Carrier 575.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 580.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 663997, 663989, 660988, 657987.

- (a) The effective radiated power of any emission on 110.3 MHz +3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) +8 kHz shall be attentuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (C) The effective isotropic radiated power shall:
 - (1) not exceed 38 dBW over sector 33° to 210°
 - be less than 20 dBW over sector 210° through TN to (2) 33°.
- The maximum interfering signal level shall be 30 dB μ V/m (d) measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.

LOT 038JCH

LOCATION Site Name : Kaukau

> Map NZMS260/R27

Grid Reference :

: 590955 : 425 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 46

MHz

Class of Emission (Vision) : 671.25
Associated Sound Carrier : 676.75
Class of Emission (Sound) : 750KF3E0

MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (c) :

ANTENNA POLARISATION Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 663997, 663989, 660988, 657987.

- The effective radiated power of any emission on 110.3 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz ± 8 kHz shall be attentuated by 19 dB more than the level (b) specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (C)
 - not exceed 38 dBW over sector 33° to 210°
 - be less than 20 dBW over sector 210° through TN to (2) 33°.
- (d) The maximum interfering signal level shall be 30 dB μ V/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.
- The maximum eirp in the sector 10° TN to 80° TN shall not (e) exceed -41 dBW.

LOT 039JCI

Site Name Kaukau LOCATION :

NZMS260/R27

590955 Grid Reference :

425 m Above Mean Altitude :

Sea Level

FREQUENCY AND CLASS OF EMISSION

50 Channel

Nominal Vision Carrier 703.25 MHz

Class of Emission (Vision) 6M253CF : 708.75 Associated Sound Carrier

750KF3EGN Class of Emission (Sound)

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

Special condition (c) carrier

• Horizontal ANTENNA POLARISATION

NOMINAL ANTENNA HEIGHT 122 m Above Mean :

Ground Level

MHz

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 663997, 663989, 660988, 657987.

- The effective radiated power of any emission on 110.3 MHz (a) +3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) +8 kHz shall be attentuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (C)

 - not exceed 38 dBW over sector 33° to 210° be less than 20 dBW over sector 210° through TN to (2) 33°.
- The maximum interfering signal level shall be 30 $dB\mu V/m$ (d) measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
- The maximum eirp in the sector 10° TN to 80° TN shall not (e) exceed -41 dBW.

LOT 040JDJ

LOCATION Site Name Kaukau

> NZMS260/R27 :

Grid Reference : 590955

Altitude : 425 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 54

Nominal Vision Carrier 735.25 MHz

Class of Emission (Vision) 6M253CF :

Associated Sound Carrier Class of Emission (Sound) 740.75 MHz :

750KF3EGN :

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (c) :

ANTENNA POLARISATION Horizontal :

NOMINAL ANTENNA HEIGHT 122 m Above Mean :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 663997, 663989, 660988, 657987.

- The effective radiated power of any emission on 110.3 MHz (a) ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) ±8 kHz shall be attentuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (c)
 - (1) not exceed 38 dBW over sector 33° to 210°
 - be less than 20 dBW over sector 210° through TN to (2)33°.
- (d) The maximum interfering signal level shall be 30 dB μ V/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.

LOT 041JDA

LOCATION Site Name : Kaukau

Map : NZMS260/R27

Grid Reference : 590955

Altitude : 425 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 58

Nominal Vision Carrier : 767.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 772.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-8 663997, 663989, 660988, 657987.

- (a) The effective radiated power of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attentuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The effective isotropic radiated power shall:
 - (1) not exceed 38 dBW over sector 33° to 210°
 - (2) be less than 20 dBW over sector 210° through TN to 33°.
- (d) The maximum interfering signal level shall be 30 dB μ V/m measured with a horizontally polarized antenna or 50 dB μ V/m measured with a vertically polarized antenna.

LOT 042JDB

Site Name Kaukau LOCATION

> NZMS260/R27 Map

Grid Reference 590955 :

425 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 62

Nominal Vision Carrier 799.25 MHZ

Class of Emission (Vision) 6M253CF :

Associated Sound Carrier 804.75 MHz

Associated Sound Carrier : Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (c)

Horizontal ANTENNA POLARISATION

122 m Above Mean NOMINAL ANTENNA HEIGHT :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 663997, 663989, 660988, 657987.

- The effective radiated power of any emission on 110.3 MHz ± 3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) +8 kHz shall be attentuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall: (C)
 - not exceed 38 dBW over sector 33° to 210°
 - be less than 20 dBW over sector 210° through TN to (2) 33°.
- The maximum interfering signal level shall be 30 dB μ V/m (d) measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.

LOT 043JDC

LOCATION Site Name Sugarloaf Map

NZMS260/M36 :

Grid Reference : 817337

Altitude 494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 28

Nominal Vision Carrier 527.25 MH2

Class of Emission (Vision) 6M253CF : Associated Sound Carrier : Class of Emission (Sound) : 532.75

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (c) :

ANTENNA POLARISATION Horizontal

NOMINAL ANTENNA HEIGHT 121 m Above Mean

Ground Level

MHz

RECEIVE COVERAGE LOCATIONS NZMS 262-13 474743, 475747, 481751, 487745.

- The effective radiated power of any emission on 156.8 MHz (a) ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The maximum interfering signal level is 46 dB μ V/m. (b)
- (C) The effective isotropic radiated power shall:
 - (1) not exceed 29 dBW over sector 290° through TN to 75°.
 - be less than 20 dBW over sector 75° to 290°.

LOT 044JDD

LOCATION Site Name Sugarloaf

NZMS260/M36 :

Grid Reference 817337

: Altitude 494 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 32

Nominal Vision Carrier 559.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier : Class of Emission (Sound) : 564.75 MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-13 474743, 475747, 481751, 487745.

- The effective radiated power of any emission on 156.8 MHz (a) ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum interfering signal level is 46 dB μ V/m.
- (C) The effective isotropic radiated power shall:
 - not exceed 29 dBW over sector 290° through TN to 75°.
 - be less than 20 dBW over sector 75° to 290°. (2)

LOT 045JDE

LOCATION Site Name : Sugarloaf

Map : NZMS260/M36

Grid Reference : 817337

Altitude : 494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 44

Nominal Vision Carrier : 655.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 660.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-13 474743, 475747, 481751, 487745.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum interfering signal level is 46 dB μ V/m.
- (c) The effective isotropic radiated power shall:
 - (1) not exceed 29 dBW over sector 290° through TN to 75°.
 - (2) be less than 20 dBW over sector 75° to 290°.

LOT 046JDF

LOCATION Site Name : Sugarloaf

Map : NZMS260/M36

Grid Reference : 817337

Altitude : 494 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 48

Nominal Vision Carrier : 687.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 692.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS :

NZMS 262-13 474743, 475747, 481751, 487745.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum interfering signal level is 46 dB μ V/m.
- (c) The effective isotropic radiated power shall:
 - (1) not exceed 29 dBW over sector 290° through TN to 75°.
 - (2) be less than 20 dBW over sector 75° to 290°.

LOT 047JDG

LOCATION

Site Name

Sugarloaf

Map

NZMS260/M36 :

Grid Reference

817337

Altitude

494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel

52

:

:

:

:

:

:

Nominal Vision Carrier

719.25

MHz

Class of Emission (Vision) Associated Sound Carrier

6M253CF 724.75

MHz

Class of Emission (Sound)

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier

Special condition (c)

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-13 474743, 475747, 481751, 487745.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The maximum interfering signal level is 46 dB μ V/m. (b)
- The effective isotropic radiated power shall: (C)
 - (1) not exceed 29 dBW over sector 290° through TN to 75°.
 - (2) be less than 20 dBW over sector 75° to 290°.

LOT 048JDH

LOCATION Site Name : Sugarloaf

Map : NZMS260/M36

Grid Reference : 817337

Altitude : 494 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 56

Nominal Vision Carrier : 751.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 756.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-13 474743, 475747, 481751, 487745.

- (a) The effective radiated power of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum interfering signal level is 46 dB μ V/m.
- (c) The effective isotropic radiated power shall:
 - (1) not exceed 29 dBW over sector 290° through TN to 75°.
 - (2) be less than 20 dBW over sector 75° to 290°.

LOT 049JDI

LOCATION Site Name : Sugarloaf

Map : NZMS260/M36

Grid Reference : 817337 Altitude : 494 m

494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 60

Nominal Vision Carrier : 783.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 788.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 121 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS :

NZMS 262-13 474743, 475747, 481751, 487745.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The maximum interfering signal level is 46 dB μ V/m.
- (c) The effective isotropic radiated power shall:
 - (1) not exceed 29 dBW over sector 290° through TN to 75°.
 - (2) be less than 20 dBW over sector 75° to 290°.

LOT 050JEJ

LOCATION Site Name Mount Studholme

NZMS260/J40 Map

Grid Reference 442164

Altitude 1080 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 29

MHz

Nominal Vision Carrier : 535.25 Class of Emission (Vision) : 6M253CF Associated Sound Carrier : 540.75 Class of Emission (Sound) : 750KF3EGN

MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (b)

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT : m Above Mean 61

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-15 366646, 371643, 370647.

- The effective radiated power of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level (a) specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall; (b)
 - (1) not exceed 45 dBW over the sector 35° to 180°.
 - (2) be less than 20 dBW over sector 180° through TN 35°.

LOT 051JEA

LOCATION Site Name Mount Studholme :

NZMS260/J40 Map :

Grid Reference : 442164

Altitude 1080 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 33

Nominal Vision Carrier 567.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier Class of Emission (Sound) MHz 572.75 :

: 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (b)

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-15 366646, 371643, 370647.

- The effective radiated power of any emission on 156.8 MHz (a) ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall; (b)
 - (1) not exceed 45 dBW over the sector 35° to 180°.
 - (2) be less than 20 dBW over sector 180° through TN 35°.

LOT 052JEB

LOCATION Site Name Mount Studholme

Map NZMS260/J40

Grid Reference

: NZMS260 : 442164 : 1080 m Altitude 1080 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 45

MHz

Nominal Vision Carrier : 663.25 Class of Emission (Vision) : 6M253CF Associated Sound Carrier : 668.75 Class of Emission (Sound) : 750KF3EGN

MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (b) :

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-15 366646, 371643, 370647.

- The effective radiated power of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level (a) specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall; (b)
 - (1) not exceed 45 dBW over the sector 35° to 180°.
 - be less than 20 dBW over sector 180° through TN 35°. (2)

LOT 053JEC

Site Name Mount Studholme LOCATION

> NZMS260/J40 Map :

Grid Reference : 442164

1080 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 49

Nominal Vision Carrier 695.25 MHz

Class of Emission (Vision) 6M253CF

Associated Sound Carrier Class of Emission (Sound) 700.75 MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

Special condition (b) carrier :

ANTENNA POLARISATION : Vertical

m Above Mean NOMINAL ANTENNA HEIGHT : 61

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-15 366646, 371643, 370647.

- The effective radiated power of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General (a) Provisions.
- The effective isotropic radiated power shall; (b)
 - (1) not exceed 45 dBW over the sector 35° to 180°.
 - be less than 20 dBW over sector 180° through TN 35°. (2)

LOT 054JED

Site Name : : LOCATION Mount Studholme

Map NZMS260/J40

: 442164 : 1080 m Grid Reference

Altitude 1080 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 53

MHz

Nominal Vision Carrier : 727.25 Class of Emission (Vision) : 6M253CF Associated Sound Carrier : 732.75 Class of Emission (Sound) : 750KF3EGN

MHz

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (b) :

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-15 366646, 371643, 370647.

- The effective radiated power of any emission on 156.8 MHz (a) ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective isotropic radiated power shall;
 - (1) not exceed 45 dBW over the sector 35° to 180°.
 - (2) be less than 20 dBW over sector 180° through TN 35°.

LOT 055JEE

LOCATION Site Name : Mount Studholme

Map : NZMS260/J40

Grid Reference : 442164

Altitude : 1080 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 57

Nominal Vision Carrier : 759.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 764.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-15 366646, 371643, 370647.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective isotropic radiated power shall;
 - (1) not exceed 45 dBW over the sector 35° to 180°.
 - (2) be less than 20 dBW over sector 180° through TN 35°.

LOT 056JEF

LOCATION Site Name : Mount Studholme

Map NZMS260/J40 :

Grid Reference 442164 :

Altitude 1080 m Above Mean

Sea Level

MHz

FREQUENCY AND CLASS OF EMISSION

Channel

MHz

Nominal Vision Carrier : 791.25 Class of Emission (Vision) : 6M253CF Associated Sound Carrier : 796.75 Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (b) :

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-15 366646, 371643, 370647.

- (a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall; (b)
 - (1) not exceed 45 dBW over the sector 35° to 180°.
 - (2) be less than 20 dBW over sector 180° through TN 35°.

LOT 057JEG

LOCATION Site Name : Mt Cargill
Map : NZMS260/I44

Grid Reference : 198853

Altitude : 671 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 30

Nominal Vision Carrier : 543.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 548.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-17 313479, 314474, 314476, 318477.

- (a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The effective isotropic radiated power shall;
 - (1) not exceed 29 dBW over the sector 90° to 240°.
 - (2) be less than 20 dBW over the sector 240° through TN to 90°.
- (d) The maximum interfering signal level is 30 dB μ V/m measured with a horizontally polarized antenna or 50 dB μ V/m measured with a vertically polarized antenna.

LOT 058JEH

LOCATION Site Name : Mt Cargill
Map : NZMS260/144

Grid Reference : 198853

Altitude : 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 34

Nominal Vision Carrier : 575.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 580.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS :

NZMS 262-17 313479, 314474, 314476, 318477.

- (a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The effective isotropic radiated power shall;
 - (1) not exceed 29 dBW over the sector 90° to 240°.
 - (2) be less than 20 dBW over the sector 240° through TN to 90°.
- (d) The maximum interfering signal level is 30 dB μ V/m measured with a horizontally polarized antenna or 50 dB μ V/m measured with a vertically polarized antenna.

LOT 059JEI

LOCATION Site Name : Mt Cargill NZMS260/I44 Map :

Grid Reference 198853 :

Altitude 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 46

Nominal Vision Carrier 671.25 MHz Class of Emission (Vision) 6M253CF :

Associated Sound Carrier 676.75 :

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (c) :

ANTENNA POLARISATION Horizontal

NOMINAL ANTENNA HEIGHT 105 m Above Mean

Ground Level

MHz

RECEIVE COVERAGE LOCATIONS NZMS 262-17 313479, 314474, 314476, 318477.

- The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz +8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall; (C)
 - not exceed 29 dBW over the sector 90° to 240°. (1)
 - be less than 20 dBW over the sector 240° through TN (2) to 90°.
- (d) The maximum interfering signal level is 30 dB\(\mu \)/m measured with a horizontally polarized antenna or 50 dB \mu V/m measured with a vertically polarized antenna.

LOT 060JFJ

LOCATION Site Name : Mt Cargill
Map : NZMS260/I44

Grid Reference : 198853

Altitude : 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 50

Nominal Vision Carrier : 703.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 708.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS :

NZMS 262-17 313479, 314474, 314476, 318477.

- (a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The effective isotropic radiated power shall;
 - (1) not exceed 29 dBW over the sector 90° to 240°.
 - (2) be less than 20 dBW over the sector 240° through TN to 90°.
- (d) The maximum interfering signal level is 30 dB μ V/m measured with a horizontally polarized antenna or 50 dB μ V/m measured with a vertically polarized antenna.

LOT 061JFA

LOCATION Site Name : Mt Cargill
Map : NZMS260/I44

Grid Reference : 198853

Altitude : 671 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 54

Nominal Vision Carrier : 735.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 740.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-17 313479, 314474, 314476, 318477.

- (a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- (c) The effective isotropic radiated power shall;
 - (1) not exceed 29 dBW over the sector 90° to 240°.
 - (2) be less than 20 dBW over the sector 240° through TN to 90°.
- (d) The maximum interfering signal level is 30 dB μ V/m measured with a horizontally polarized antenna or 50 dB μ V/m measured with a vertically polarized antenna.

22 DECEMBER

LOT 062JFB

LOCATION

Mt Cargill Site Name : NZMS260/I44 Map

198853 Grid Reference

: : 671 m Above Mean Altitude

Sea Level

FREQUENCY AND CLASS OF EMISSION

58 Channel

Nominal Vision Carrier 767.25 MHz :

Class of Emission (Vision) 6M253CF :

Associated Sound Carrier 772.75 MHz :

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

Special condition (c) carrier :

ANTENNA POLARISATION Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 313479, 314474, 314476, 318477.

- (a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) +8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall; (C)
 - not exceed 29 dBW over the sector 90° to 240°.
 - be less than 20 dBW over the sector 240° through TN (2) to 90°.
- (d) The maximum interfering signal level is 30 dB μ V/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.

LOT 063JFC

LOCATION

Site Name

Mt Cargill

Map

NZMS260/I44

Grid Reference

: 198853

:

:

Altitude

671 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 62

Nominal Vision Carrier 799.25 : MHz

Class of Emission (Vision) 6M253CF :

Associated Sound Carrier 804.75 : MHz

Class of Emission (Sound) 750KF3EGN :

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (c) :

ANTENNA POLARISATION Horizontal :

NOMINAL ANTENNA HEIGHT : 105 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 313479, 314474, 314476, 318477.

- The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective radiated power of any emission on 156.8 MHz (b) +8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
- The effective isotropic radiated power shall;
 - not exceed 29 dBW over the sector 90° to 240°.
 - be less than 20 dBW over the sector 240° through TN (2) to 90°.
- The maximum interfering signal level is 30 dBuV/m measured (d) with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.

LOT 064JFD

LOCATION Site Name : Hedgehope

Map : NZMS260/F45

Grid Reference : 782485

Altitude : 644 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 28

Nominal Vision Carrier : 527.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 532.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 149410, 152416, 157413, 154406,

- (a) The effective isotropic radiated power shall:
 - (1) not exceed 32 dBW over the sector 180° to 200°.
 - (2) be less than 20 dBW over the sector 200° through TN to 180°.
- (b) The maximum interfering signal level is 30 dB μ V/m measured using a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 065JFE

LOCATION Site Name : Hedgehope

Map : NZMS260/F45

Grid Reference : 782485

Altitude : 644 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 32

Nominal Vision Carrier : 559.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 564.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:

(1) not exceed 32 dBW over the sector 180° to 200°.

(2) be less than 20 dBW over the sector 200° through TN to 180°.

(b) The maximum interfering signal level is 30 dB μ V/m measured using a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 066JFF

LOCATION Site Name : Hedgehope

Map : NZMS260/F45

Grid Reference : 782485

Altitude : 644 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 44

Nominal Vision Carrier : 655.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 660.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS :

NZMS 262-16 149410, 152416, 157413, 154406,

- (a) The effective isotropic radiated power shall:
 - (1) not exceed 32 dBW over the sector 180° to 200°.
 - (2) be less than 20 dBW over the sector 200° through TN to 180°.
- (b) The maximum interfering signal level is 30 dB μ V/m measured using a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 067JFG

LOCATION Site Name : Hedgehope

Map : NZMS260/F45

Grid Reference : 782485

Altitude : 644 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 48

Nominal Vision Carrier : 687.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 692.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-16 149410, 152416, 157413, 154406,

- (a) The effective isotropic radiated power shall:
 - (1) not exceed 32 dBW over the sector 180° to 200°.
 - (2) be less than 20 dBW over the sector 200° through TN to 180°.
- (b) The maximum interfering signal level is 30 dB μ V/m measured using a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 068JFH

LOCATION Site Name : Hedgehope

NZMS260/F45 Map :

Grid Reference 782485 :

Altitude 644 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 52

Nominal Vision Carrier 719.25 MHz

Class of Emission (Vision) :
Associated Sound Carrier :
Class of Emission (Sound) : : 6M253CF

724.75 MHz

750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (a) :

ANTENNA POLARISATION : Vertical

115 m Above Mean NOMINAL ANTENNA HEIGHT :

Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 149410, 152416, 157413, 154406,

- The effective isotropic radiated power shall: (a)
 - not exceed 32 dBW over the sector 180° to 200°.
 - be less than 20 dBW over the sector 200° through TN (2) to 180°.
- The maximum interfering signal level is 30 dB μ V/m measured (b) using a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 069JFI

LOCATION Site Name : Hedgehope

Map : NZMS260/F45

Grid Reference : 782485

Altitude : 644 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 56

Nominal Vision Carrier : 751.25 MHz

Class of Emission (Vision) : 6M253CF

Associated Sound Carrier : 756.75 MHz

Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean

Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-16 149410, 152416, 157413, 154406,

- (a) The effective isotropic radiated power shall:
 - (1) not exceed 32 dBW over the sector 180° to 200°.
 - (2) be less than 20 dBW over the sector 200° through TN to 180°.
- (b) The maximum interfering signal level is 30 dB μ V/m measured using a vertically polarized antenna or 50 dB μ V/m measured with a horizontally polarized antenna.

LOT 070JGJ

LOCATION Site Name Hedgehope :

Map NZMS260/F45

Grid Reference 782485 :

Altitude 644 m Above Mean

Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel 60

Nominal Vision Carrier 783.25 MHz

Class of Emission (Vision) 6M253CF :

Associated Sound Carrier 788.75 MHz

Class of Emission (Sound) 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision

carrier Special condition (a)

ANTENNA POLARISATION Vertical :

NOMINAL ANTENNA HEIGHT m Above Mean : 115

Ground Level

RECEIVE COVERAGE LOCATIONS NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

- (a)
- The effective isotropic radiated power shall: (1) not exceed 32 dBW over the sector 180° to 200°.
 - be less than 20 dBW over the sector 200° through TN (2) to 180°.
- (b) The maximum interfering signal level is 30 dB μ V/m measured using a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.

M J Belgrave Secretary of Commerce

Dated at Wellington, 21 December 1989

