



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)**

1 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

4 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 cheque 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.

12 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.

15 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.

19 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

24 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

31 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.
- c 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.

2 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

4 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.

5 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 μ 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
$$43 + 10 \log W \quad (\text{dB})$$
(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.
- (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 MHz to -50 dBW eirp at 510 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 001JJA

PART LOT 001JJA

LOCATION Site Name : Maungataniwha
 Map : NZMS260/004
 Grid Reference : 584703
 Altitude : 582 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 : 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 \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.

PART LOT 001JJA

LOCATION Site Name : Hikurangi
 Map : NZMS260/P06
 Grid Reference : 937288
 Altitude : 662 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 : 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.

PART LOT 001JJA

LOCATION Site Name : Horokaka
 Map : NZMS260/Q07
 Grid Reference : 131916
 Altitude : 516 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 001JJA

LOCATION Site Name : Parahaki
 Map : NZMS260/Q07
 Grid Reference : 315089
 Altitude : 243 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) : 75OKF3EGN

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.

PART LOT 001JJA

LOCATION	Site Name	:	Te Aroha
	Map	:	NZMS260/T13
	Grid Reference	:	525038
	Altitude	:	944 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	59 dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	126 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

NZMS 262-3 719437, 774411.

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

PART LOT 001JJA

LOCATION	Site Name	:	Mt Edgecumbe	
	Map	:	NZMS260/V16	
	Grid Reference	:	378373	
	Altitude	:	774	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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	48	dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	61	m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

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.

PART LOT 001JJA

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) : 75OKF3EGN

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 \pm 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.

PART LOT 001JJA

LOCATION Site Name : Paeroa Range
 Map : NZMS260/U17
 Grid Reference : 946084
 Altitude : 997 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) : 75OKF3EGN

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.

PART LOT 001JJA

LOCATION Site Name : Tuhingamata
 Map : NZMS260/U18
 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) : 75OKF3EGN

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 \pm 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.

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
Associated Sound Carrier : 548.75 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 \pm 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 001JJA

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) : 75OKF3EGN

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.

PART LOT 001JJA

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

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

PART LOT 001JJA

LOCATION Site Name : Wharite
 Map : NZMS260/T23
 Grid Reference : 529017
 Altitude : 915 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) : 75OKF3EGN

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

PART LOT 001JJA

LOCATION Site Name : Otahoua
 Map : NZMS260/T26
 Grid Reference : 417219
 Altitude : 350 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 001JJA

LOCATION Site Name : Kaukau
 Map : NZMS260/R27
 Grid Reference : 590955
 Altitude : 425 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 : 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.

SPECIAL CONDITIONS

- (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.

PART LOT 001JJA

LOCATION Site Name : Wither Hills
 Map : NZMS260/P28
 Grid Reference : 921618
 Altitude : 229 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 001JJA

LOCATION Site Name : Mt Rochfort
 Map : NZMS260/K29
 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 : 524.75 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 \pm 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 001JJA

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)	:	6M253CF	
Associated Sound Carrier	:	532.75	MHz
Class of Emission (Sound)	:	750KF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	49	dBW eirp
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ANTENNA POLARISATION	:	Horizontal
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NOMINAL ANTENNA HEIGHT	:	52	m Above Mean Ground Level
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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.

PART LOT 001JJA

LOCATION Site Name : Sugarloaf
 Map : NZMS260/M36
 Grid Reference : 817337
 Altitude : 494 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) : 75OKF3EGN

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.

PART LOT 001JJA

LOCATION Site Name : Mt Mary
Map : NZMS260/I38
Grid Reference : 921707
Altitude : 991 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) : 75OKF3EGN

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.

PART LOT 001JJA

LOCATION	Site Name	:	Obelisk
	Map	:	NZMS260/G42
	Grid Reference	:	126360
	Altitude	:	1690 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	44	dBW eirp
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ANTENNA POLARISATION	:	Horizontal
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NOMINAL ANTENNA HEIGHT	:	52	m Above Mean Ground Level
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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 \pm 8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 001JJA

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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	46	dBW eirp
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ANTENNA POLARISATION	:	Vertical
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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.

PART LOT 001JJA

LOCATION Site Name : Mt Cargill
 Map : NZMS260/I44
 Grid Reference : 198853
 Altitude : 671 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) : 75OKF3EGN

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

- (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 001JJA

LOCATION Site Name : Hedgehope
 Map : NZMS260/F45
 Grid Reference : 782485
 Altitude : 644 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) : 75OKF3EGN

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

LOT 002JJB

PART LOT 002JJB

LOCATION Site Name : Maungataniwha
 Map : NZMS260/004
 Grid Reference : 584703
 Altitude : 582 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 : 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 \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.

PART LOT 002JJB

LOCATION Site Name : Horokaka
 Map : NZMS260/Q07
 Grid Reference : 131916
 Altitude : 516 m Above Mean
 Sea Level

FREQUENCY AND CLASS OF EMISSIONS

Channel : 34
Nominal Vision Carrier : 575.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 580.75 MHz
Class of Emission (Sound) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 002JJB

LOCATION Site Name : Parahaki
 Map : NZMS260/Q07
 Grid Reference : 315089
 Altitude : 243 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) : 75OKF3EGN

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.

PART LOT 002JJB

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) : 75OKF3EGN

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.

PART LOT 002JJB

LOCATION 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 002JJB

LOCATION Site Name : Pukepoto
 Map : NZMS260/U16
 Grid Reference : 036357
 Altitude : 564 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) : 75OKF3EGN

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 \pm 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.

PART LOT 002JJB

LOCATION Site Name : Paeroa Range
Map : NZMS260/U17
Grid Reference : 946084
Altitude : 997 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 : 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.

PART LOT 002JJB

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 MHz
 Class of Emission (Sound) : 75OKF3EGN

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 \pm 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.

PART LOT 002JJB

LOCATION Site Name : Taumarunui
 Map : NZMS260/S18
 Grid Reference : 013553
 Altitude : 518 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 002JJB

LOCATION Site Name : Whakapunake
 Map : NZMS260/X18
 Grid Reference : 091532
 Altitude : 914 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) : 75OKF3EGN

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.

PART LOT 002JJB

LOCATION	Site Name	:	Mt Erin
	Map	:	NZMS260/V22
	Grid Reference	:	391556
	Altitude	:	489 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)	:	75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	51 dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	50 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

SPECIAL CONDITIONS

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

PART LOT 002JJB

LOCATION Site Name : Mt Egmont
 Map : NZMS260/P20
 Grid Reference : 035122
 Altitude : 1467 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 002JJB

LOCATION Site Name : Wharite
 Map : NZMS260/T23
 Grid Reference : 529017
 Altitude : 915 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) : 75OKF3EGN

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

PART LOT 002JJB

LOCATION	Site Name	:	Otahoua
	Map	:	NZMS260/T26
	Grid Reference	:	417219
	Altitude	:	350 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	49	dBW eirp
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ANTENNA POLARISATION	:	Horizontal
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NOMINAL ANTENNA HEIGHT	:	52	m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

SPECIAL CONDITIONS

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

PART LOT 002JJB

LOCATION Site Name : Kaukau
 Map : NZMS260/R27
 Grid Reference : 590955
 Altitude : 425 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) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (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.

PART LOT 002JJB

LOCATION Site Name : Grampians
 Map : NZMS260/O27
 Grid Reference : 334898
 Altitude : 392 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) : 75OKF3EGN

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.

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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 002JJB

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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 002JJB

LOCATION	Site Name	:	Sugarloaf
	Map	:	NZMS260/M36
	Grid Reference	:	817337
	Altitude	:	494 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	64	dBW eirp
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ANTENNA POLARISATION	:	Horizontal
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NOMINAL ANTENNA HEIGHT	:	121	m Above Mean Ground Level
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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.

PART LOT 002JJB

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) : 75OKF3EGN

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 \pm 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 \pm 8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 002JJB

LOCATION Site Name : Mount Studholme
 Map : NZMS260/J40
 Grid Reference : 442164
 Altitude : 1080 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) : 75OKF3EGN

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.

PART LOT 002JJB

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) : 75OKF3EGN

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.

PART LOT 002JJB

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 : 580.75 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.

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.

SPECIAL CONDITIONS

- (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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	54 dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	115 m Above Mean Ground Level
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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)	:	75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	38 dBW eirp
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ANTENNA POLARISATION	:	Horizontal
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NOMINAL ANTENNA HEIGHT	:	52 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

LOT 003JJC

PART LOT 003JJC

LOCATION Site Name :< Maungataniwha
 Map :< NZMS260/O04
 Grid Reference :< 584703
 Altitude :< 582 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) :< 75OKF3EGN

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 \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.

PART LOT 003JJC

LOCATION	Site Name	:	Hikurangi	
	Map	:	NZMS260/P06	
	Grid Reference	:	937288	
	Altitude	:	662 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)	:	75OKF3EGN	
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.				

PART LOT 003JJC

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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 003JJC

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) : 75OKF3EGN

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.

PART LOT 003JJC

LOCATION Site Name : Te Aroha
 Map : NZMS260/T13
 Grid Reference : 525038
 Altitude : 944 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) : 75OKF3EGN

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.

PART LOT 003JJC

LOCATION Site Name : Mt Edgecumbe
 Map : NZMS260/V16
 Grid Reference : 378373
 Altitude : 774 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 003JJC

LOCATION Site Name : Paeroa Range
 Map : NZMS260/U17
 Grid Reference : 946084
 Altitude : 997 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 : 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.

PART LOT 003JJC

LOCATION Site Name : Mt Cargill
 Map : NZMS260/I44
 Grid Reference : 198853
 Altitude : 671 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 : 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

- (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 003JJC

LOCATION	Site Name	:	Hedgehope
	Map	:	NZMS260/F45
	Grid Reference	:	782485
	Altitude	:	644 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	54	dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	115	m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

NZMS 262-16	118448, 126416, 152390, 156487
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NZMS 262-17	184400, 199451
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PART LOT 003JJC

LOCATION Site Name : Kuriwao
 Map : NZMS260/G46
 Grid Reference : 301348
 Altitude : 638 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) : 75OKF3EGN

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 004JJD

PART 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	44 dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	52 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

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

PART LOT 004JJD

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) : 75OKF3EGN

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.

PART LOT 004JJD

LOCATION Site Name : Mt Mary
 Map : NZMS260/I38
 Grid Reference : 921707
 Altitude : 991 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) : 75OKF3EGN

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.

PART LOT 004JJD

LOCATION Site Name : Mt Cargill
 Map : NZMS260/I44
 Grid Reference : 198853
 Altitude : 671 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) : 75OKF3EGN

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

- (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 004JJD

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) : 75OKF3EGN

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

LOT 005JJE

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

Channel : 52
Nominal Vision Carrier : 719.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 724.75 MHz
Class of Emission (Sound) : 75OKF3EGN

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 $120^\circ TN$ to $145^\circ TN$.

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) : 75OKF3EGN

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.

PART LOT 005JJE

LOCATION Site Name : Taumarunui
Map : 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 005JJE

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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	48	dBW eirp
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ANTENNA POLARISATION	:	Horizontal	
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NOMINAL ANTENNA HEIGHT	:	55	m Above Mean Ground Level
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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.

PART LOT 005JJE

LOCATION Site Name : Mt Egmont
 Map : NZMS260/P20
 Grid Reference : 035122
 Altitude : 1467 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) : 75OKF3EGN

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.

PART LOT 005JJE

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) : 75OKF3EGN

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

PART LOT 005JJE

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	MHz
Class of Emission (Vision)	:	6M253CF	
Associated Sound Carrier	:	732.75	MHz
Class of Emission (Sound)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	49	dBW eirp
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ANTENNA POLARISATION	:	Horizontal
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NOMINAL ANTENNA HEIGHT	:	52	m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

SPECIAL CONDITIONS

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

PART LOT 005JJE

LOCATION Site Name : Kaukau
 Map : NZMS260/R27
 Grid Reference : 590955
 Altitude : 425 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 : 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.

SPECIAL CONDITIONS

- (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.

PART LOT 005JJE

LOCATION Site Name : Wither Hills
 Map : NZMS260/P28
 Grid Reference : 921618
 Altitude : 229 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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 005JJE

LOCATION	Site Name	:	Mt Rochfort
	Map	:	NZMS260/K29
	Grid Reference	:	053357
	Altitude	:	1041 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)	:	75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	47 dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	52 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

SPECIAL CONDITIONS

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

PART LOT 005JJE

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 \pm 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 005JJE

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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	64	dBW eirp
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ANTENNA POLARISATION	:	Horizontal
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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 \pm 8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 005JJE

LOCATION Site Name : Mt Mary
 Map : NZMS260/I38
 Grid Reference : 921707
 Altitude : 991 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) : 75OKF3EGN

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.

PART LOT 005JJE

LOCATION Site Name : Mount Studholme
 Map : NZMS260/J40
 Grid Reference : 442164
 Altitude : 1080 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 : 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 \pm 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 005JJE

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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 005JJE

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 : 54
 Nominal Vision Carrier : 735.25 MHz
 Class of Emission (Vision) : 6M253CF
 Associated Sound Carrier : 740.75 MHz
 Class of Emission (Sound) : 75OKF3EGN

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.

PART LOT 005JJE

LOCATION Site Name : Mt Cargill
 Map : NZMS260/I44
 Grid Reference : 198853
 Altitude : 671 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) : 75OKF3EGN

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

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

PART LOT 005JJE

LOCATION Site Name : Hedgehope
 Map : NZMS260/F45
 Grid Reference : 782485
 Altitude : 644 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) : 75OKF3EGN

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

LOT 006JJF

PART LOT 006JJF

LOCATION	Site Name	:	Maungataniwha	
	Map	:	NZMS260/004	
	Grid Reference	:	584703	
	Altitude	:	582 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	:	44 dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	52 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

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

PART LOT 006JJF

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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	35	dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	61	m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

PART LOT 006JJF

LOCATION	Site Name	:	Mount Studholme
	Map	:	NZMS260/J40
	Grid Reference	:	442164
	Altitude	:	1080 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
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	61	m Above Mean Ground Level
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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 \pm 8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 006JJF

LOCATION Site Name : Mt Cargill
 Map : NZMS260/I44
 Grid Reference : 198853
 Altitude : 671 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) : 75OKF3EGN

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

- (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 006JJF

LOCATION Site Name : Hedgehope
 Map : NZMS260/F45
 Grid Reference : 782485
 Altitude : 644 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) : 75OKF3EGN

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 006JJF

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) : 75OKF3EGN

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

PART 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) : 75OKF3EGN

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 \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.

PART LOT 007JJG

LOCATION	Site Name	:	Hikurangi
	Map	:	NZMS260/P06
	Grid Reference	:	937288
	Altitude	:	662 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	35	dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	61	m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

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

PART LOT 007JJG

LOCATION	Site Name	:	Te Aroha	
	Map	:	NZMS260/T13	
	Grid Reference	:	525038	
	Altitude	:	944 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	59 dBW eirp
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	126 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS

NZMS 262-3 719437, 774411.

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

PART LOT 007JJG

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) : 6M253CF
Associated Sound Carrier : 796.75 MHz
Class of Emission (Sound) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 14 dB more than the level specified as the 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.

PART LOT 007JJG

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) : 75OKF3EGN

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 \pm 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 007JJG

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

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 \pm 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 007JJG

LOCATION	Site Name	:	Sugarloaf	
	Map	:	NZMS260/M36	
	Grid Reference	:	817337	
	Altitude	:	494 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	64 dBW eirp
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ANTENNA POLARISATION	:	Horizontal
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NOMINAL ANTENNA HEIGHT	:	121 m Above Mean Ground Level
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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 \pm 8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

PART LOT 007JJG

LOCATION Site Name : Mount Studholme
 Map : NZMS260/J40
 Grid Reference : 442164
 Altitude : 1080 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) : 75OKF3EGN

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.

PART LOT 007JJG

LOCATION Site Name :
 Map :
 Grid Reference :
 Altitude :
 1690 m Above Mean
 Sea level

FREQUENCY AND CLASS OF EMISSION

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

59
775.25 MHz
6M253CF
780.75 MHz
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 \pm 8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

LOT 008JJH
TO
LOT 070JGJ

LOT 026JBF

LOCATION Site Name : Mt Erin
 Map : NZMS260/V22
 Grid Reference : 391556
 Altitude : 489 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) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (a) The effective radiated power of any emission on 156.8 MHz \pm 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 027JBG

LOCATION	Site Name	:	Mt Erin	
	Map	:	NZMS260/V22	
	Grid Reference	:	391556	
	Altitude	:	489 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	Special condition (b)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	50 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS	:	
		NZMS 262-7 834170, 845164, 845184, 840177.

SPECIAL CONDITIONS

- (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 028JBH

LOCATION Site Name : Mt Erin
 Map : 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 : 780.75 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.

SPECIAL CONDITIONS

(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
 Map : NZMS260/T23
 Grid Reference : 529017
 Altitude : 915 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) : 75OKF3EGN

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 030JCJ

LOCATION	Site Name	:	Wharite
	Map	:	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	:	564.75 MHz
Class of Emission (Sound)	:	750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	Special condition (a)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	122 m Above Mean Ground Level
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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 031JCA

LOCATION	Site Name	:	Wharite
	Map	:	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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	Special condition (a)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	122 m Above Mean Ground Level
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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 032JCB

LOCATION	Site Name	:	Wharite	
	Map	:	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)	:	75OKF3EGN	

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 dBµV/m measured 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	Special condition (a)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	122 m Above Mean Ground Level
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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.

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 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) : 75OKF3EGN

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 036JCF

LOCATION Site Name : 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 MHz
Class of Emission (Sound) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (a) The effective radiated power of any emission on 110.3 MHz \pm 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 \pm 8 kHz shall be attenuated 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 038JCH

LOCATION	Site Name	:	Kaukau	
	Map	:	NZMS260/R27	
	Grid Reference	:	590955	
	Altitude	:	425 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	Special condition (c)
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ANTENNA POLARISATION	:	Horizontal
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NOMINAL ANTENNA HEIGHT	:	122 m Above Mean	
			Ground Level

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

SPECIAL CONDITIONS

- (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 attenuated 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.
- (e) The maximum eirp in the sector 10° TN to 80° TN shall not exceed -41 dBW.

LOT 039JCI

LOCATION Site Name : Kaukau
 Map : NZMS260/R27
 Grid Reference : 590955
 Altitude : 425 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) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (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 attenuated 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.
- (e) The maximum eirp in the sector 10° TN to 80° TN shall not exceed -41 dBW.

LOT 040JDJ

LOCATION Site Name : Kaukau
 Map : 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 : 740.75 MHz
 Class of Emission (Sound) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (a) The effective radiated power of any emission on 110.3 MHz \pm 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 \pm 8 kHz shall be attenuated 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 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)	:	75OKF3EGN

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.

SPECIAL CONDITIONS

- (a) The effective radiated power of any emission on 110.3 MHz \pm 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 \pm 8 kHz shall be attenuated 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 050JEJ

LOCATION	Site Name	:	Mount Studholme
	Map	:	NZMS260/J40
	Grid Reference	:	442164
	Altitude	:	1080 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 (b)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	61 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS	:	
NZMS 262-15 366646, 371643, 370647.		

SPECIAL CONDITIONS

- (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 051JEA

LOCATION	Site Name	:	Mount Studholme
	Map	:	NZMS260/J40
	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	:	572.75	MHz
Class of Emission (Sound)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	Special condition (b)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	61 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS	:	
NZMS 262-15 366646, 371643, 370647.		

SPECIAL CONDITIONS

- (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 052JEB

LOCATION Site Name : Mount Studholme
Map : NZMS260/J40
Grid Reference : 442164
Altitude : 1080 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 condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean
Ground Level

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

SPECIAL CONDITIONS

- (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 053JEC

LOCATION Site Name : Mount Studholme
 Map : NZMS260/J40
 Grid Reference : 442164
 Altitude : 1080 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) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (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 054JED

LOCATION	Site Name	:	Mount Studholme
	Map	:	NZMS260/J40
	Grid Reference	:	442164
	Altitude	:	1080 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)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	Special condition (b)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	61 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS	:	
NZMS 262-15 366646, 371643, 370647.		

SPECIAL CONDITIONS

- (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 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) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (a) The effective radiated power of any emission on 156.8 MHz \pm 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

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	:	Special condition (b)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	61 m Above Mean Ground Level
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RECEIVE COVERAGE LOCATIONS	:	
	:	NZMS 262-15 366646, 371643, 370647.

SPECIAL CONDITIONS

- (a) The effective radiated power of any emission on 156.8 MHz \pm 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 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) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (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/I44
 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) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (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 062JFB

LOCATION	Site Name	:	Mt Cargill
	Map	:	NZMS260/I44
	Grid Reference	:	198853
	Altitude	:	671 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)	:	75OKF3EGN	

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.

SPECIAL CONDITIONS

- (a) The effective radiated power of any emission on 109.9 MHz \pm 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 \pm 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 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) : 75OKF3EGN

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.

SPECIAL CONDITIONS

- (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 dBμV/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically 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) : 75OKF3EGN

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 dBµV/m measured
 using a vertically polarized antenna or 50 dBµV/m measured
 with a horizontally polarized antenna.

LOT 068JFH

LOCATION	Site Name	:	Hedgehope
	Map	:	NZMS260/F45
	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)	:	6M253CF	
Associated Sound Carrier	:	724.75	MHz
Class of Emission (Sound)	:	75OKF3EGN	

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier	:	Special condition (a)
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ANTENNA POLARISATION	:	Vertical
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NOMINAL ANTENNA HEIGHT	:	115 m Above Mean Ground Level
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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 dBµV/m measured using a vertically polarized antenna or 50 dBµV/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) : 75OKF3EGN

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.

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