

**NEW ZEALAND VHF/UHF/SHF RECORDS 2020**

<b>Band</b>	<b>Freq. MHz</b>	<b>Type</b>	<b>Stations</b>	<b>Date (DMY)</b>	<b>Mode</b>	<b>(kms)</b>	<b>Prop. Mode</b>
6m	50	O/seas	ZL3VTV/1-EH7KW	03/04/2001	SSB	19921	F2
6m	50.290	O/seas	ZL3JT-N6XQ	04/03/2001	PSK31	14268	F2
6m	50.204	EME	ZL3NW-SM7BAE	05/01/2001	CW	18014	EME
6m	50	EME	ZL3NW-F6FHP	03/03/2006	JT65A	19441	EME
6m	50.0968	O/seas	ZL4AX-MA0BSM	12/04/2014	CW	22088	TEP+Es+F
2m	144.100	Int.	ZL1TPH/p-ZL4DK	02/01/2012	SSB	1289	TD/E
2m	144.122	O/seas	ZL2ADU-EA2AGZ	20/09/2013	JT65B	19553	EME
2m	144.133	O/seas	ZL1CN-VK4DMC	29/12/2007	SSB	3549	TD
2m	144	O/seas	ZL1BT-VK7MO	04/01/2007	JT65	2443	TD
2m	144	Int.	ZL1RS/p-ZL4DK/p	18/09/2010	FSK441	1405	MS
2m	144	EME	ZL2BGJ-G3POI	26/05/1985	CW	18821	EME
70cm	432	Int.	ZL2ARW/p-ZL1BJB/p	03/02/1982	SSB	1069	TD
70cm	432.100	O/seas	ZL1AVS-VK3AMZ	05/01/2013	SSB	2651	TD
70cm	432	EME	ZL3AAD-G3SEK	12/03/1989	CW	18970	EME
70cm	432.133	EME	ZL2DX-HB9Q	15/11/2005	JT65B	18801	EME
70cm	425.250	Int.	ZL2TWS/p-ZL2ASF/p	31/01/1982	VIDEO	373	LOS
50cm	610.200	Int.	ZL2UGR/p-ZL2AJI/p	23/04/1988	SSB/FM	302	LOS
32cm	925.500	Int.	ZL2TRV/p-ZL1TBG/p	30/11/2002	NBFM	620	TD
23cm	1282	Int.	ZL2TV/p-ZL1TPH/p	06/12/2008	FM/ATV	159	TS
23cm	1296	Int.	ZL2ARW/p-ZL1THG/p	30/01/1982	SSB	687	TD
23cm	1296	Int.	ZL1AVZ-ZL4DK/p	14/01/2011	CW	884	TD
23cm	1296.100	O/seas	ZL1SWW/p-VK4REX	07/10/2015	SSB	2352	TD
23cm	1296.100	O/seas	ZL1TPH-VK2DVZ	29/01/2014	JT65C	2094	TD
23cm	1296	EME	ZL3AAD-PA0SSB	13/06/1983	CW	18657	EME
23cm	1296.070	EME	ZL2MQ-HB9Q	06/12/2017	JT65C	18760	EME
12cm	2403	O/seas	ZL1AVZ-VK4OX	27/01/2011	SSB	2317	TD
12cm	2403	O/seas	ZL1TPH/p-VK9NA/p	16/01/2011	FSK441	748	TD
13cm	2304	Int.	ZL2ARW/p-ZL1THG/p	31/01/1982	NBFM	687	TD
13cm	2304	EME	ZL2AQE-W3IWI/8	18/10/1987	CW	13931	EME
9cm	3456	Int.	ZL2AQE/p-ZL2ARW/p	06/03/1983	NBFM	547	TD
9cm	3400.100	Int.	ZL1TPH/p-ZL2IP/p	01/01/2013	SSB	551	TD
9cm	3398.1	O/seas	ZL1TPH/p-VK4UH/p	22/11/2019	SSB	2193	TD
5cm	5760.100	Int.	ZL2TV/P-ZL1TPH/P	28/12/2005	SSB/CW	485	TS
5cm	5760.100	Int.	ZL1TPH/p-ZL1SWW	03/09/2006	FSK441	48	TS
5cm	5760	Int.	ZL1TPH/p-ZL2IP/p	04/01/2011	SSB	551	TD
5cm	5850	Int.	ZL3NW/p-ZL3TAC/p	10/10/1981	WBFM	180	TD
5cm	5760.200	Int.	ZL1SWW/p-ZL3RC/p	08/12/2018	SSB	622	TS
5cm	5760	O/seas	ZL1TPH/p-VK9NA/p	16/01/2011	SSB	748	TD
5cm	5760	O/seas	ZL1TPH/p-VK9NA/p	17/01/2011	JT65C	748	TD
5cm	5760	EME	ZM2TV-JA8ERE	24/04/2010	CW	9461	EME
5cm	5760	EME	ZM2TV-W5LUA	25/04/2010	SSB	12027	EME

3cm	10368	Int.	ZL1THG/p-ZL2BFC/p	25/01/1981	WBFM	392	TD
3cm	10368.100	Int.	ZL1TPH/p-ZL2IP/p	04/01/2009	SSB	551	TD+TS
3cm	10368.100	Int.	ZL1TPH/p-ZL2IP/p	16/12/2005	CW	396	TD
3cm	10368.100	Int.	ZL1SWW-ZL1TPH/p	03/09/2006	FSK441	48	TS
3cm	10368.200	Int.	ZL1GSG/p-ZL3RC/p	08/12/2018	SSB	622	TS
3cm	10368.200	O/seas	ZL3RC/p-VK7MO/p	01/01/2020	SSB	2059	TD
3cm	10368.200	O/seas	ZL3RC/p-VK7MO/p	01/01/2020	QRA64	2059	TD
3cm	10368	EME	ZL1GSG/p-DJ7FJ	12/03/1997	CW	18340	EME
1.2cm	24000	Int.	ZL2AQE/p-ZL2AZQ/p	20/03/1988	MCW/WBFM	126	LOS
1.2cm	24048.100	Int.	ZL1TPH/p-ZL2IP/p	05/03/2006	CW	169	LOS
1.2cm	24048.100	Int.	ZL1TPH/p-ZL2IP/p	12/03/2006	SSB	221	TD
0.6cm	47088.100	Int.	ZL1SWW/p-VK3XPD/ZL/p	05/02/2018	SSB	68.4	LOS
2.5mm	122280	Int.	ZL1TBG/p-ZL1TPH/p	06/02/2010	NBFM	0.3	LOS

#### Notes:

- 1) NZ 70cm band has now been reduced from 420-450 MHz to 430-440 MHz. The Video (ATV Record) of 31/01/1982 on 425 MHz lists as a 70cm band Record.
- 2) NZ 13cm band has now been reduced from 2300-2450 MHz to 2396-2450 MHz. The Records of 31/01/1982 and 18/10/1987 list as 13cm Records. This band is now known as 12cm band.
- 3) NZ 50 cm band was reduced and changed from 610-622 MHz to 614-622 MHz. The Record of 23/04/1988 lists as a 50 cm Record. This band no longer exists for amateur use.
- 4) /p means portable operation.
- 5) /# means operating in another state or district.
- 6) 32 cm 925 MHz ZL2TRV-ZL1TBG 30/11/2002 620 kms with high power permit.
- 7) Propagation Modes: Line Of Sight (LOS), Tropo Duct (TD), Sporadic E (TD/E), Tropo Scatter (TS), Meteor Scatter (MS), F2-Layer (F2) Earth Moon Earth (EME), Trans Equatorial Propagation (TEP), Precipitation Scatter (PS), Field Aligned Irregularities (FAI), Aurora and Aurora E (A/AE), E-Layer Back Scatter (EBS), F-Layer Refraction, Diffraction, Side Scatter (FR/FD/FS), Knife Edge Diffraction (KED), Solid Object Refraction (SOR), D/E-Layer Ionospheric Forward Scatter.
- 8) Sporadic E is a propagation mode that is difficult to verify and is therefore listed as a TD/E unless weather conditions across the path rule out TD and then E-Skip is the only possible mode.
- 9) 5760 MHz is traditionally known as 6cm band in many countries but listed as 5cm in NZ. Some other countries also list as 5cm being the calculated wavelength associated with this frequency.