

IEEE Wi-Fi channel number available in New Zealand

20 MHz Channels				
32	36	40	44	48
52	56	60s	64	100
104	108	112	116	120
124	128	132	136	140
144	149	153	157	161
165				

40 MHz Channels			
38	46	54	62
102	110	118	126
134	142	151	159

80 MHz Channels		
42	58	106
122	138	155

160 MHz Channels	
50	114

Where can I go for more information?

Contact your supplier for further information about your specific Wi-Fi device.

For any further questions on the rules for Wifi devices in the 5 GHz band email:

info@rsm.govt.nz



MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT
HĪKINA WHAKATUTUKI

RSM 4652

[New Zealand Government](https://www.govt.nz)

RADIO SPECTRUM MANAGEMENT

Important information for users of Wi-Fi devices in the 5 GHz band

Find out the rules for operating Wi-Fi devices in the 5 GHz band in New Zealand.

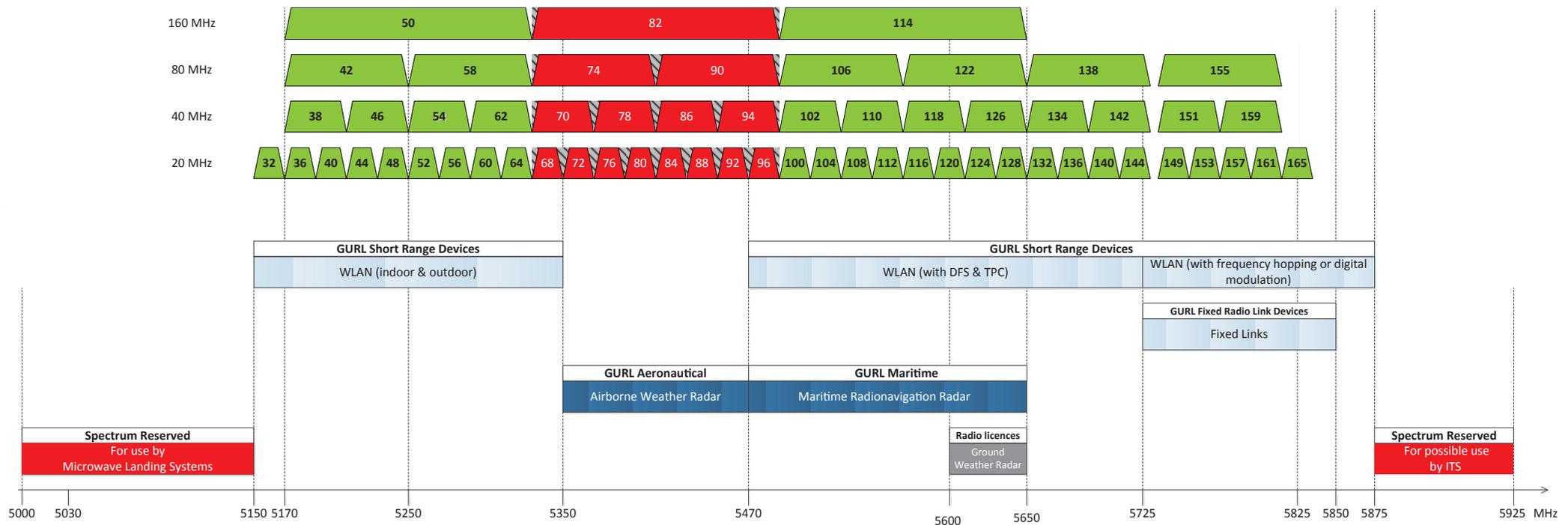


What frequencies can I use for my 5 GHz Wi-Fi device?

In New Zealand, Wi-Fi licensing allows for any person to operate devices in certain parts of the 5 GHz spectrum. The channels in green below are allowed to be used in New Zealand. Any red channel is not permitted. If your device has a “NZ” regulatory button in its set up mode, using this setting will ensure the device operates on the correct frequencies. Selecting any other regulatory regime may cause the device to operate outside of the New Zealand licencing rules and make you liable for compliance action by the Radio Spectrum Management team at MBIE.

This diagram sets out the Wi-Fi channels that you can and can't use in New Zealand. Full details of the licence regime for Wi-Fi use in New Zealand can be found at www.rsm.govt.nz

IEEE 802.11 channels (available, not available)



You should be aware that ground weather radar, covering channels 114, 118, 120, 122, 124, 126 and 128, operates at nine locations across New Zealand. These being Kaeo, Tamahunga, Mamaku, New Plymouth airport, Mahia, Outlook Hill (Wellington), Rakaia Trig, Blue Spur Range (Hokitika) and Invercargill Airport. If 5GHz Wi-Fi equipment is to be deployed in the vicinity of these 9 locations, it is highly recommended that these channels be avoided, as the weather radar is licenced for protection from interference. If your equipment causes any problems to these licenced services, compliance action may be taken against you.