



5GHz Regulations in Canada - ISED RSS-247 (July 2025)

	5150 MHz				5250 MHz				5350 MHz		5470 MHz							5725 MHz						5850 MHz		5895 MHz			
Bands	5150-5250 MHz				5250-5350 MHz				5470-5725 MHz										5725-5850 MHz					5850-5895 MHz					
Channels	36	40	44	48	52	56	60	64	100	104	108	112	116	120	124	128	132	136	140	144	149	153	157	161	165	169	173	177	
Tx Power	Indoor Only				DFS				DFS												Higher Power					Indoor + Fixed Outdoor			
	Max EIRP: 200mW (23dBm) Max EIRP SD: 10dBm/MHz				Max Tx Power: 250mW (24dBm) Max Tx Power SD: 11dBm/MHz				Max Tx Power: 250mW (24dBm) Max Tx Power SD: 11dBm/MHz												Max Tx Power: 1W (30dBm) Max Tx Power SD: 30dBm/500 kHz					Max EIRP: 4W (36dBm) Max EIRP SD: 20dBm/MHz			
EIRP					Max EIRP: 1W (30dBm) Max EIRP SD: 17dBm/MHz				Max EIRP: 1W (30dBm) Max EIRP SD: 17dBm/MHz																				
Additional Regulations					<i>HPOD License required for high power & outdoor operations</i>				<i>TPC required when EIRP>500mW</i>												<i>Additional requirements for directional antennas with a gain > 6 dBi (except for PtP)</i>								
	High Power Outdoor Devices																												
	Max Tx Power: 1W (30dBm) Max Tx Power SD: 17dBm/MHz Max Antenna Gain (non-PtP): 6dBi Max Antenna Gain (PtP): 23dBi																												
	Free License Required (R1)																												