

Australian 802.11 EIRP Transmit Power Limits



20 MHz				40 MHz				80 MHz				160 MHz				Permitted Location		Permitted EIRP	Radiocommunications Class Licence (Variation 2023) Section No.	Spectrum Band																
Channel	Frequency (GHz)			Channel	Frequency (GHz)			Channel	Frequency (GHz)			Channel	Frequency (GHz)			Indoor	Outdoor																			
	Lower	Centre	Upper		Lower	Centre	Upper		Lower	Centre	Upper		Lower	Centre	Upper																					
2.4 GHz (802.11b/g/n/ax)																																				
1	2.402	2.412	2.422	Permitted, but discouraged				Not Permitted				Yes	Yes	4000mW (36dBm)	59	ISM-B																				
6	2.427	2.437	2.447																																	
11	2.452	2.462	2.472																																	
5 GHz (802.11a/n/ac/ax)																																				
36	5.170	5.180	5.190	38	5.170	5.190	5.210	42	5.170	5.210	5.250	50	5.170	5.250	5.330	Yes	Yes	Indoor = 200 mW (23 dBm) Outdoor = 1000 mW (30 dBm)	61 = Indoor Use 61A = Outdoor Use	UNII-1																
40	5.190	5.200	5.210																																	
44	5.210	5.220	5.230																																	
48	5.230	5.240	5.250																																	
52	5.250	5.260	5.270	54	5.250	5.270	5.290	58	5.250	5.290	5.330	58	5.250	5.290	5.330	Yes	No	DFS & TPC = 200mW (23 dBm) DFS Only (No TPC) = 100 mW (20 dBm)	62	UNII-2a																
56	5.270	5.280	5.290																																	
60	5.290	5.300	5.310																																	
64	5.310	5.320	5.330																																	
100	5.490	5.500	5.510	102	5.490	5.510	5.530	106	5.490	5.530	5.570	Not Permitted				Yes	Yes	DFS & TPC = 1000mW (30 dBm) DFS Only (No TPC) = 500 mW (27 dBm)	63	UNII-2c																
104	5.510	5.520	5.530																																	
108	5.530	5.540	5.550																																	
112	5.550	5.560	5.570																																	
116	5.570	5.580	5.590	Not Permitted for use - Weather Radar																																
120	5.590	5.600	5.610																																	
124	5.610	5.620	5.630																																	
128	5.630	5.640	5.650																																	
132	5.650	5.660	5.670	134	5.650	5.670	5.690	138	5.650	5.690	5.730	138	5.650	5.690	5.730	Yes	Yes	DFS & TPC = 1000 mW (30 dBm) DFS Only (No TPC) = 500 mW (27 dBm)	60	UNII-3																
136	5.670	5.680	5.690																																	
140	5.690	5.700	5.710																																	
144	5.710	5.720	5.730																																	
149	5.735	5.745	5.755	151	5.735	5.755	5.775	155	5.735	5.775	5.815	Not Permitted				Yes	Yes	4000 mW (36 dBm)	60	UNII-3																
153	5.755	5.765	5.775																																	
157	5.775	5.785	5.795																																	
161	5.795	5.805	5.815																																	
165	5.815	5.825	5.835	Not Permitted																																
6 GHz (802.11ax)																																				
1	5.945	5.955	5.965																	3	5.945	5.965	5.985	7	5.945	5.985	6.025	15	5.945	6.025	6.105	Yes	Yes	Indoor = 250 mW (24 dBm) Outdoor = 25 mW (14 dBm)	63AA = Indoor Use 63AB = Outdoor Use	UNII-5
5	5.965	5.975	5.985																																	
9	5.985	5.995	6.005																																	
13	6.005	6.015	6.025																																	
17	6.025	6.035	6.045	19	6.025	6.045	6.065	23	6.025	6.065	6.105	23	6.025	6.065	6.105																					
21	6.045	6.055	6.065																																	
25	6.065	6.075	6.085																																	
29	6.085	6.095	6.105																																	
33	6.105	6.115	6.125	35	6.105	6.125	6.145	39	6.105	6.145	6.185	39	6.105	6.145	6.185																					
37	6.125	6.135	6.145																																	
41	6.145	6.155	6.165																																	
45	6.165	6.175	6.185																																	
49	6.185	6.195	6.205	51	6.185	6.205	6.225	55	6.185	6.225	6.265	55	6.185	6.225	6.265																					
53	6.205	6.215	6.225																																	
57	6.225	6.235	6.245																																	
61	6.245	6.255	6.265																																	
65	6.265	6.275	6.285	57	6.265	6.285	6.305	71	6.265	6.305	6.345	71	6.265	6.305	6.345																					
69	6.285	6.295	6.305																																	
73	6.305	6.315	6.325																																	
77	6.325	6.335	6.345																																	
81	6.345	6.355	6.365	83	6.345	6.365	6.385	87	6.345	6.385	6.425	87	6.345	6.385	6.425																					
85	6.365	6.375	6.385																																	
89	6.385	6.395	6.405																																	
93	6.405	6.415	6.425																																	