







11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant3	5180	3.67	≤11.00	9.44	≤10.00	PASS
		5200	2.83	≤11.00	8.60	≤10.00	PASS
		5240	3.04	≤11.00	8.81	≤10.00	PASS
		5260	3.56	≤11.00	9.33	---	PASS
		5280	3.03	≤11.00	8.80	---	PASS
		5320	2.24	≤11.00	8.01	---	PASS
		5500	3.79	≤11.00	9.56	---	PASS
		5580	5.03	≤11.00	10.80	---	PASS
		5700	4.57	≤11.00	10.34	---	PASS
		5720_UNII-2C	4.52	≤11.00	10.29	---	PASS
		5720_UNII-3	-0.85	≤30.00	4.92	---	PASS
		5745	1.20	≤30.00	6.97	---	PASS
		5785	1.23	≤30.00	7.00	---	PASS
11AX20SISO	Ant3	5180	1.97	≤11.00	7.74	≤10.00	PASS
		5200	1.45	≤11.00	7.22	≤10.00	PASS
		5240	1.62	≤11.00	7.39	≤10.00	PASS
		5260	1.73	≤11.00	7.50	---	PASS
		5280	1.64	≤11.00	7.41	---	PASS
		5320	2.31	≤11.00	8.08	---	PASS
		5500	2.09	≤11.00	7.86	---	PASS
		5580	2.04	≤11.00	7.81	---	PASS
		5700	1.72	≤11.00	7.49	---	PASS
		5720_UNII-2C	1.53	≤11.00	7.30	---	PASS
		5720_UNII-3	-3.91	≤30.00	1.86	---	PASS
		5745	-0.51	≤30.00	5.26	---	PASS
		5785	-0.71	≤30.00	5.06	---	PASS
11AX40SISO	Ant3	5190	-0.92	≤11.00	4.85	≤10.00	PASS
		5230	-1.08	≤11.00	4.69	≤10.00	PASS
		5270	-0.74	≤11.00	5.03	---	PASS
		5310	-0.35	≤11.00	5.42	---	PASS
		5510	-0.52	≤11.00	5.25	---	PASS
		5550	-0.48	≤11.00	5.29	---	PASS
		5670	-0.53	≤11.00	5.24	---	PASS
		5710_UNII-2C	-1.07	≤11.00	4.70	---	PASS
		5710_UNII-3	-7.05	≤30.00	-1.28	---	PASS
		5755	-3.99	≤30.00	1.78	---	PASS
		5795	-3.52	≤30.00	2.25	---	PASS
11AX80SISO	Ant3	5210	-4.09	≤11.00	1.68	≤10.00	PASS
		5290	-3.99	≤11.00	1.78	---	PASS
		5530	-3.94	≤11.00	1.83	---	PASS
		5610	-4.77	≤11.00	1.00	---	PASS
		5690_UNII-2C	-4.69	≤11.00	1.08	---	PASS
		5690_UNII-3	-11.14	≤30.00	-5.37	---	PASS
		5775	-6.93	≤30.00	-1.16	---	PASS
11AX160SISO	Ant3	5250_UNII-1	-6.10	≤11.00	-0.33	≤10.00	PASS
		5250_UNII-2A	-6.71	≤11.00	-0.94	---	PASS
		5570	-5.53	≤11.00	0.24	---	PASS
11N20SISO	Ant3	5180	3.11	≤11.00	8.88	≤10.00	PASS
		5200	2.35	≤11.00	8.12	≤10.00	PASS
		5240	2.65	≤11.00	8.42	≤10.00	PASS
		5260	3.15	≤11.00	8.92	---	PASS
		5280	2.94	≤11.00	8.71	---	PASS
		5320	1.96	≤11.00	7.73	---	PASS
		5500	3.78	≤11.00	9.55	---	PASS
		5580	4.98	≤11.00	10.75	---	PASS
		5700	4.38	≤11.00	10.15	---	PASS

		5720_UNII-2C	4.32	≤11.00	10.09	---	PASS
		5720_UNII-3	-1.39	≤30.00	4.38	---	PASS
		5745	0.74	≤30.00	6.51	---	PASS
		5785	0.70	≤30.00	6.47	---	PASS
		5825	0.85	≤30.00	6.62	---	PASS
11N40SISO	Ant3	5190	-0.88	≤11.00	4.89	≤10.00	PASS
		5230	-3.23	≤11.00	2.54	≤10.00	PASS
		5270	-1.14	≤11.00	4.63	---	PASS
		5310	-1.64	≤11.00	4.13	---	PASS
		5510	-0.78	≤11.00	4.99	---	PASS
		5550	-1.81	≤11.00	3.96	---	PASS
		5670	-1.85	≤11.00	3.92	---	PASS
		5710_UNII-2C	-1.60	≤11.00	4.17	---	PASS
		5710_UNII-3	-7.72	≤30.00	-1.95	---	PASS
		5755	-1.88	≤30.00	3.89	---	PASS
		5795	-4.03	≤30.00	1.74	---	PASS
		5210	-5.62	≤11.00	0.15	≤10.00	PASS
11AC80SISO	Ant3	5290	-4.48	≤11.00	1.29	---	PASS
		5530	-2.99	≤11.00	2.78	---	PASS
		5610	-3.42	≤11.00	2.35	---	PASS
		5690_UNII-2C	-3.61	≤11.00	2.16	---	PASS
		5690_UNII-3	-9.88	≤30.00	-4.11	---	PASS
		5775	-5.98	≤30.00	-0.21	---	PASS
		5250_UNII-1	-6.51	≤11.00	-0.74	≤10.00	PASS
11AC160SISO	Ant3	5250_UNII-2A	-7.08	≤11.00	-1.31	---	PASS
		5570	-5.17	≤11.00	0.60	---	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5.2. Test Graphs



































