

11.6. APPENDIX F: MAXIMUM POWER SPECTRAL DENSITY LEVEL

Mode	Frequency (MHz)	Antenna	Conducted PSD [dBm/MHz]	Duty Cycle Correction Factor	Total PSD [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
a	5180	Ant1	4.13	0.15	4.28	11	7.17	10	Pass
a	5200	Ant1	4.03	0.15	4.18	11	7.07	10	Pass
a	5240	Ant1	4.48	0.15	4.63	11	7.52	10	Pass
a	5260	Ant1	4.33	0.15	4.48	11	7.37	---	Pass
a	5280	Ant1	4.25	0.15	4.40	11	7.29	---	Pass
a	5320	Ant1	4.2	0.15	4.35	11	7.24	---	Pass
a	5500	Ant1	4.44	0.15	4.59	11	7.48	---	Pass
a	5580	Ant1	4.55	0.15	4.70	11	7.59	---	Pass
a	5700	Ant1	4.73	0.15	4.88	11	7.77	---	Pass
a	5720_UNII-2C	Ant1	4.05	0.15	4.20	11	7.09	---	Pass
a	5720_UNII-3	Ant1	-1.15	0.15	-1.00	30	1.89	---	Pass
a	5745	Ant1	1.24	0.15	1.39	30	4.28	---	Pass
a	5785	Ant1	1.66	0.15	1.81	30	4.70	---	Pass
a	5825	Ant1	1.19	0.15	1.34	30	4.23	---	Pass
a	5180	Ant2	4.34	0.15	4.49	11	6.44	10	Pass
a	5200	Ant2	3.52	0.15	3.67	11	5.62	10	Pass
a	5240	Ant2	3.76	0.15	3.91	11	5.86	10	Pass
a	5260	Ant2	4.03	0.15	4.18	11	6.13	---	Pass
a	5280	Ant2	3.98	0.15	4.13	11	6.08	---	Pass
a	5320	Ant2	4.29	0.15	4.44	11	6.39	---	Pass
a	5500	Ant2	4.7	0.15	4.85	11	6.80	---	Pass
a	5580	Ant2	4.83	0.15	4.98	11	6.93	---	Pass
a	5700	Ant2	4.59	0.15	4.74	11	6.69	---	Pass
a	5720_UNII-2C	Ant2	4.23	0.15	4.38	11	6.33	---	Pass
a	5720_UNII-3	Ant2	-0.73	0.15	-0.58	30	1.37	---	Pass
a	5745	Ant2	0.84	0.15	0.99	30	2.94	---	Pass
a	5785	Ant2	0.82	0.15	0.97	30	2.92	---	Pass
a	5825	Ant2	1.14	0.15	1.29	30	3.24	---	Pass
n20	5180	Ant1	0.48	0.13	0.61	11	3.50	10	Pass
n20	5180	Ant2	-0.39	0.13	-0.26	11	1.69	10	Pass
n20	5180	Sum	3.08	0.13	3.21	11	9.11	10	Pass
n20	5200	Ant1	0.45	0.13	0.58	11	3.47	10	Pass
n20	5200	Ant2	-0.17	0.13	-0.04	11	1.91	10	Pass
n20	5200	Sum	3.16	0.13	3.29	11	9.19	10	Pass
n20	5240	Ant1	0.58	0.13	0.71	11	3.60	10	Pass
n20	5240	Ant2	-0.2	0.13	-0.07	11	1.88	10	Pass
n20	5240	Sum	3.22	0.13	3.35	11	9.25	10	Pass
n20	5260	Ant1	4.81	0.13	4.94	11	7.83	---	Pass
n20	5260	Ant2	3.76	0.13	3.89	11	5.84	---	Pass
n20	5260	Sum	7.33	0.13	7.46	11	13.36	---	Pass
n20	5280	Ant1	4.86	0.13	4.99	11	7.88	---	Pass
n20	5280	Ant2	3.66	0.13	3.79	11	5.74	---	Pass
n20	5280	Sum	7.31	0.13	7.44	11	13.34	---	Pass
n20	5320	Ant1	4.73	0.13	4.86	11	7.75	---	Pass
n20	5320	Ant2	3.9	0.13	4.03	11	5.98	---	Pass
n20	5320	Sum	7.35	0.13	7.48	11	13.38	---	Pass
n20	5500	Ant1	4.99	0.13	5.12	11	8.01	---	Pass
n20	5500	Ant2	4.74	0.13	4.87	11	6.82	---	Pass
n20	5500	Sum	7.88	0.13	8.01	11	13.91	---	Pass
n20	5580	Ant1	4.86	0.13	4.99	11	7.88	---	Pass
n20	5580	Ant2	4.36	0.13	4.49	11	6.44	---	Pass
n20	5580	Sum	7.63	0.13	7.76	11	13.66	---	Pass
n20	5700	Ant1	4.67	0.13	4.80	11	7.69	---	Pass
n20	5700	Ant2	4.73	0.13	4.86	11	6.81	---	Pass
n20	5700	Sum	7.71	0.13	7.84	11	13.74	---	Pass
n20	5720_UNII-2C	Ant1	4.57	0.13	4.70	11	7.59	---	Pass
n20	5720_UNII-3	Ant1	0.26	0.13	0.39	30	3.28	---	Pass
n20	5720_UNII-2C	Ant2	4.47	0.13	4.60	11	6.55	---	Pass
n20	5720_UNII-3	Ant2	-0.43	0.13	-0.30	30	1.65	---	Pass
n20	5720_UNII-2C	Sum	7.53	0.13	7.66	11	13.56	---	Pass
n20	5720_UNII-3	Sum	2.94	0.13	3.07	30	8.97	---	Pass
n20	5745	Ant1	1.11	0.13	1.24	30	4.13	---	Pass
n20	5745	Ant2	1.37	0.13	1.50	30	3.45	---	Pass
n20	5745	Sum	4.25	0.13	4.38	30	10.28	---	Pass
n20	5785	Ant1	1.09	0.13	1.22	30	4.11	---	Pass
n20	5785	Ant2	1.39	0.13	1.52	30	3.47	---	Pass
n20	5785	Sum	4.25	0.13	4.38	30	10.28	---	Pass
n20	5825	Ant1	1.62	0.13	1.75	30	4.64	---	Pass
n20	5825	Ant2	1.87	0.13	2.00	30	3.95	---	Pass

n20	5825	Sum	4.76	0.13	4.89	30	10.79	---	Pass
n40	5190	Ant1	0.56	0.26	0.82	11	3.71	10	Pass
n40	5190	Ant2	-0.37	0.26	-0.11	11	1.84	10	Pass
n40	5190	Sum	3.13	0.26	3.39	11	9.29	10	Pass
n40	5230	Ant1	0.41	0.26	0.67	11	3.56	10	Pass
n40	5230	Ant2	-0.45	0.26	-0.19	11	1.76	10	Pass
n40	5230	Sum	3.01	0.26	3.27	11	9.17	10	Pass
n40	5270	Ant1	2.59	0.26	2.85	11	5.74	---	Pass
n40	5270	Ant2	1.76	0.26	2.02	11	3.97	---	Pass
n40	5270	Sum	5.21	0.26	5.47	11	11.37	---	Pass
n40	5310	Ant1	2.11	0.26	2.37	11	5.26	---	Pass
n40	5310	Ant2	1.8	0.26	2.06	11	4.01	---	Pass
n40	5310	Sum	4.97	0.26	5.23	11	11.13	---	Pass
n40	5510	Ant1	2.05	0.26	2.31	11	5.20	---	Pass
n40	5510	Ant2	1.48	0.26	1.74	11	3.69	---	Pass
n40	5510	Sum	4.78	0.26	5.04	11	10.94	---	Pass
n40	5550	Ant1	2.54	0.26	2.80	11	5.69	---	Pass
n40	5550	Ant2	2.18	0.26	2.44	11	4.39	---	Pass
n40	5550	Sum	5.37	0.26	5.63	11	11.53	---	Pass
n40	5670	Ant1	2.35	0.26	2.61	11	5.50	---	Pass
n40	5670	Ant2	2.43	0.26	2.69	11	4.64	---	Pass
n40	5670	Sum	5.4	0.26	5.66	11	11.56	---	Pass
n40	5710_UNII-2C	Ant1	0.89	0.26	1.15	11	4.04	---	Pass
n40	5710_UNII-3	Ant1	-5.67	0.26	-5.41	30	-2.30	---	Pass
n40	5710_UNII-2C	Ant2	0.72	0.26	0.98	11	2.93	---	Pass
n40	5710_UNII-3	Ant2	-5.56	0.26	-5.30	30	-3.35	---	Pass
n40	5710_UNII-2C	Sum	3.82	0.26	4.08	11	9.98	---	Pass
n40	5710_UNII-3	Sum	-2.49	0.26	-2.23	30	3.67	---	Pass
n40	5755	Ant1	-1.52	0.26	-1.26	30	1.63	---	Pass
n40	5755	Ant2	-1.26	0.26	-1.00	30	0.95	---	Pass
n40	5755	Sum	1.62	0.26	1.88	30	7.78	---	Pass
n40	5795	Ant1	-1.24	0.26	-0.98	30	1.91	---	Pass
n40	5795	Ant2	-1.37	0.26	-1.11	30	0.84	---	Pass
n40	5795	Sum	1.71	0.26	1.97	30	7.87	---	Pass
ac80	5210	Ant1	-1.76	0.5	-1.26	11	1.63	10	Pass
ac80	5210	Ant2	-2.94	0.5	-2.44	11	-0.49	10	Pass
ac80	5210	Sum	0.7	0.5	1.20	11	7.10	10	Pass
ac80	5290	Ant1	-2.09	0.5	-1.59	11	1.30	---	Pass
ac80	5290	Ant2	-2.86	0.5	-2.36	11	-0.41	---	Pass
ac80	5290	Sum	0.55	0.5	1.05	11	6.95	---	Pass
ac80	5530	Ant1	-1.92	0.5	-1.42	11	1.47	---	Pass
ac80	5530	Ant2	-1.98	0.5	-1.48	11	0.47	---	Pass
ac80	5530	Sum	1.06	0.5	1.56	11	7.46	---	Pass
ac80	5610	Ant1	-1.48	0.5	-0.98	11	1.91	---	Pass
ac80	5610	Ant2	-1.9	0.5	-1.40	11	0.55	---	Pass
ac80	5610	Sum	1.33	0.5	1.83	11	7.73	---	Pass
ac80	5690_UNII-2C	Ant1	-3.05	0.5	-2.55	11	0.34	---	Pass
ac80	5690_UNII-3	Ant1	-10.01	0.5	-9.51	30	-6.62	---	Pass
ac80	5690_UNII-2C	Ant2	-3.34	0.5	-2.84	11	-0.89	---	Pass
ac80	5690_UNII-3	Ant2	-9.96	0.5	-9.46	30	-7.51	---	Pass
ac80	5690_UNII-2C	Sum	-0.18	0.5	0.32	11	6.22	---	Pass
ac80	5690_UNII-3	Sum	-6.97	0.5	-6.47	30	-0.57	---	Pass
ac80	5775	Ant1	-4.99	0.5	-4.49	30	-1.60	---	Pass
ac80	5775	Ant2	-4.72	0.5	-4.22	30	-2.27	---	Pass
ac80	5775	Sum	-1.84	0.5	-1.34	30	4.56	---	Pass

Note:

1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. Total PSD= Conducted PSD+ Duty Cycle Correction Factor

















































