

Appendix F: Maximum power spectral density Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	3.58	≤11.00	PASS
	Ant2	5180	0.77	≤11.00	PASS
	Ant1	5200	3.46	≤11.00	PASS
	Ant2	5200	0.51	≤11.00	PASS
	Ant1	5240	3.30	≤11.00	PASS
	Ant2	5240	0.26	≤11.00	PASS
	Ant1	5260	2.55	≤11.00	PASS
	Ant2	5260	-0.16	≤11.00	PASS
	Ant1	5300	2.66	≤11.00	PASS
	Ant2	5300	-0.23	≤11.00	PASS
	Ant1	5320	2.25	≤11.00	PASS
	Ant2	5320	-0.08	≤11.00	PASS
	Ant1	5500	3.57	≤11.00	PASS
	Ant2	5500	1.77	≤11.00	PASS
	Ant1	5580	3.74	≤11.00	PASS
	Ant2	5580	1.66	≤11.00	PASS
	Ant1	5700	4.33	≤11.00	PASS
	Ant2	5700	1.84	≤11.00	PASS
	Ant1	5745	2.40	≤30.00	PASS
	Ant2	5745	0.23	≤30.00	PASS
	Ant1	5785	1.27	≤30.00	PASS
	Ant2	5785	-0.21	≤30.00	PASS
	Ant1	5825	0.64	≤30.00	PASS
	Ant2	5825	-0.79	≤30.00	PASS
11N20MIMO	Ant1	5180	1.29	≤11.00	PASS
	Ant2	5180	-0.35	≤11.00	PASS
	total	5180	3.56	≤11.00	PASS
	Ant1	5200	1.30	≤11.00	PASS
	Ant2	5200	-0.59	≤11.00	PASS
	total	5200	3.47	≤11.00	PASS
	Ant1	5240	1.36	≤11.00	PASS
	Ant2	5240	-0.76	≤11.00	PASS
	total	5240	3.44	≤11.00	PASS
	Ant1	5260	0.61	≤11.00	PASS
	Ant2	5260	-0.29	≤11.00	PASS
	total	5260	3.19	≤11.00	PASS
	Ant1	5300	0.44	≤11.00	PASS
	Ant2	5300	-0.43	≤11.00	PASS
	total	5300	3.04	≤11.00	PASS
	Ant1	5320	0.00	≤11.00	PASS
	Ant2	5320	-0.23	≤11.00	PASS
	total	5320	2.90	≤11.00	PASS
	Ant1	5500	1.37	≤11.00	PASS
	Ant2	5500	0.51	≤11.00	PASS
	total	5500	3.97	≤11.00	PASS
	Ant1	5580	1.63	≤11.00	PASS
	Ant2	5580	0.52	≤11.00	PASS
	total	5580	4.12	≤11.00	PASS
	Ant1	5700	2.18	≤11.00	PASS
	Ant2	5700	0.69	≤11.00	PASS
	total	5700	4.51	≤11.00	PASS
	Ant1	5745	0.26	≤30.00	PASS
	Ant2	5745	-1.03	≤30.00	PASS
	total	5745	2.67	≤30.00	PASS

	Ant1	5785	-0.66	≤30.00	PASS
	Ant2	5785	-1.57	≤30.00	PASS
	total	5785	1.92	≤30.00	PASS
	Ant1	5825	-1.69	≤30.00	PASS
	Ant2	5825	-2.23	≤30.00	PASS
	total	5825	1.06	≤30.00	PASS
11N40MIMO	Ant1	5190	-1.46	≤11.00	PASS
	Ant2	5190	-3.19	≤11.00	PASS
	total	5190	0.77	≤11.00	PASS
	Ant1	5230	-1.56	≤11.00	PASS
	Ant2	5230	-3.54	≤11.00	PASS
	total	5230	0.57	≤11.00	PASS
	Ant1	5270	-2.54	≤11.00	PASS
	Ant2	5270	-3.84	≤11.00	PASS
	total	5270	-0.13	≤11.00	PASS
	Ant1	5310	-2.75	≤11.00	PASS
	Ant2	5310	-3.40	≤11.00	PASS
	total	5310	-0.05	≤11.00	PASS
	Ant1	5510	-1.50	≤11.00	PASS
	Ant2	5510	-3.97	≤11.00	PASS
	total	5510	0.45	≤11.00	PASS
	Ant1	5550	-1.38	≤11.00	PASS
	Ant2	5550	-3.64	≤11.00	PASS
	total	5550	0.65	≤11.00	PASS
	Ant1	5670	-1.30	≤11.00	PASS
	Ant2	5670	-3.80	≤11.00	PASS
	total	5670	0.64	≤11.00	PASS
	Ant1	5755	-3.45	≤30.00	PASS
	Ant2	5755	-4.49	≤30.00	PASS
	total	5755	-0.93	≤30.00	PASS
	Ant1	5795	-4.46	≤30.00	PASS
	Ant2	5795	-5.39	≤30.00	PASS
	total	5795	-1.89	≤30.00	PASS
11AC20MIMO	Ant1	5180	1.35	≤11.00	PASS
	Ant2	5180	-1.03	≤11.00	PASS
	total	5180	3.33	≤11.00	PASS
	Ant1	5200	1.34	≤11.00	PASS
	Ant2	5200	-0.93	≤11.00	PASS
	total	5200	3.36	≤11.00	PASS
	Ant1	5240	1.25	≤11.00	PASS
	Ant2	5240	-1.44	≤11.00	PASS
	total	5240	3.12	≤11.00	PASS
	Ant1	5260	0.46	≤11.00	PASS
	Ant2	5260	-0.89	≤11.00	PASS
	total	5260	2.85	≤11.00	PASS
	Ant1	5300	0.42	≤11.00	PASS
	Ant2	5300	-0.33	≤11.00	PASS
	total	5300	3.07	≤11.00	PASS
	Ant1	5320	0.04	≤11.00	PASS
	Ant2	5320	-0.29	≤11.00	PASS
	total	5320	2.89	≤11.00	PASS
	Ant1	5500	1.30	≤11.00	PASS
	Ant2	5500	0.13	≤11.00	PASS
	total	5500	3.76	≤11.00	PASS
	Ant1	5580	1.47	≤11.00	PASS
	Ant2	5580	0.04	≤11.00	PASS
	total	5580	3.82	≤11.00	PASS
	Ant1	5700	2.29	≤11.00	PASS
	Ant2	5700	0.62	≤11.00	PASS

	total	5700	4.55	≤11.00	PASS
	Ant1	5745	-0.19	≤30.00	PASS
	Ant2	5745	-1.57	≤30.00	PASS
	total	5745	2.18	≤30.00	PASS
	Ant1	5785	-1.36	≤30.00	PASS
	Ant2	5785	-2.13	≤30.00	PASS
	total	5785	1.28	≤30.00	PASS
	Ant1	5825	-2.03	≤30.00	PASS
	Ant2	5825	-2.83	≤30.00	PASS
	total	5825	0.60	≤30.00	PASS
11AC40MIMO	Ant1	5190	-1.36	≤11.00	PASS
	Ant2	5190	-3.60	≤11.00	PASS
	total	5190	0.67	≤11.00	PASS
	Ant1	5230	-1.45	≤11.00	PASS
	Ant2	5230	-3.66	≤11.00	PASS
	total	5230	0.59	≤11.00	PASS
	Ant1	5270	-2.46	≤11.00	PASS
	Ant2	5270	-3.80	≤11.00	PASS
	total	5270	-0.07	≤11.00	PASS
	Ant1	5310	-2.68	≤11.00	PASS
	Ant2	5310	-3.27	≤11.00	PASS
	total	5310	0.05	≤11.00	PASS
	Ant1	5510	-1.40	≤11.00	PASS
	Ant2	5510	-1.84	≤11.00	PASS
	total	5510	1.40	≤11.00	PASS
	Ant1	5550	-1.35	≤11.00	PASS
	Ant2	5550	-2.62	≤11.00	PASS
	total	5550	1.07	≤11.00	PASS
	Ant1	5670	-1.00	≤11.00	PASS
	Ant2	5670	-2.61	≤11.00	PASS
	total	5670	1.28	≤11.00	PASS
	Ant1	5755	-3.31	≤30.00	PASS
	Ant2	5755	-4.23	≤30.00	PASS
	total	5755	-0.74	≤30.00	PASS
	Ant1	5795	-4.36	≤30.00	PASS
	Ant2	5795	-4.99	≤30.00	PASS
	total	5795	-1.65	≤30.00	PASS
11AC80MIMO	Ant1	5210	-4.74	≤11.00	PASS
	Ant2	5210	-6.41	≤11.00	PASS
	total	5210	-2.48	≤11.00	PASS
	Ant1	5290	-5.97	≤11.00	PASS
	Ant2	5290	-7.66	≤11.00	PASS
	total	5290	-3.72	≤11.00	PASS
	Ant1	5530	-4.58	≤11.00	PASS
	Ant2	5530	-5.89	≤11.00	PASS
	total	5530	-2.18	≤11.00	PASS
	Ant1	5610	-4.61	≤11.00	PASS
	Ant2	5610	-5.58	≤11.00	PASS
	total	5610	-2.06	≤11.00	PASS
	Ant1	5775	-6.53	≤30.00	PASS
	Ant2	5775	-8.40	≤30.00	PASS
	total	5775	-4.35	≤30.00	PASS
11AX20MIMO	Ant1	5180	1.55	≤11.00	PASS
	Ant2	5180	-0.67	≤11.00	PASS
	total	5180	3.59	≤11.00	PASS
	Ant1	5200	1.58	≤11.00	PASS
	Ant2	5200	-0.50	≤11.00	PASS
	total	5200	3.67	≤11.00	PASS
	Ant1	5240	1.58	≤11.00	PASS

	Ant2	5240	-1.15	≤11.00	PASS
	total	5240	3.44	≤11.00	PASS
	Ant1	5260	0.62	≤11.00	PASS
	Ant2	5260	-1.81	≤11.00	PASS
	total	5260	2.58	≤11.00	PASS
	Ant1	5300	0.49	≤11.00	PASS
	Ant2	5300	-1.23	≤11.00	PASS
	total	5300	2.72	≤11.00	PASS
	Ant1	5320	0.13	≤11.00	PASS
	Ant2	5320	-1.18	≤11.00	PASS
	total	5320	2.53	≤11.00	PASS
	Ant1	5500	1.42	≤11.00	PASS
	Ant2	5500	-0.67	≤11.00	PASS
	total	5500	3.51	≤11.00	PASS
	Ant1	5580	1.58	≤11.00	PASS
	Ant2	5580	-0.61	≤11.00	PASS
	total	5580	3.63	≤11.00	PASS
	Ant1	5700	2.46	≤11.00	PASS
	Ant2	5700	-0.17	≤11.00	PASS
	total	5700	4.35	≤11.00	PASS
	Ant1	5745	-0.08	≤30.00	PASS
	Ant2	5745	-1.35	≤30.00	PASS
	total	5745	2.34	≤30.00	PASS
	Ant1	5785	-1.29	≤30.00	PASS
	Ant2	5785	-1.95	≤30.00	PASS
	total	5785	1.40	≤30.00	PASS
	Ant1	5825	-2.04	≤30.00	PASS
	Ant2	5825	-2.63	≤30.00	PASS
	total	5825	0.69	≤30.00	PASS
11AX40MIMO	Ant1	5190	-1.13	≤11.00	PASS
	Ant2	5190	-3.29	≤11.00	PASS
	total	5190	0.93	≤11.00	PASS
	Ant1	5230	-1.18	≤11.00	PASS
	Ant2	5230	-3.42	≤11.00	PASS
	total	5230	0.85	≤11.00	PASS
	Ant1	5270	-2.27	≤11.00	PASS
	Ant2	5270	-4.48	≤11.00	PASS
	total	5270	-0.23	≤11.00	PASS
	Ant1	5310	-2.50	≤11.00	PASS
	Ant2	5310	-3.94	≤11.00	PASS
	total	5310	-0.15	≤11.00	PASS
	Ant1	5510	-1.17	≤11.00	PASS
	Ant2	5510	-3.53	≤11.00	PASS
	total	5510	0.82	≤11.00	PASS
	Ant1	5550	-1.04	≤11.00	PASS
	Ant2	5550	-3.17	≤11.00	PASS
	total	5550	1.03	≤11.00	PASS
	Ant1	5670	-0.66	≤11.00	PASS
	Ant2	5670	-3.28	≤11.00	PASS
	total	5670	1.23	≤11.00	PASS
	Ant1	5755	-3.05	≤30.00	PASS
	Ant2	5755	-4.73	≤30.00	PASS
	total	5755	-0.80	≤30.00	PASS
	Ant1	5795	-3.89	≤30.00	PASS
	Ant2	5795	-4.87	≤30.00	PASS
	total	5795	-1.34	≤30.00	PASS
11AX80MIMO	Ant1	5210	-3.78	≤11.00	PASS
	Ant2	5210	-6.02	≤11.00	PASS
	total	5210	-1.75	≤11.00	PASS

	Ant1	5290	-5.13	≤11.00	PASS
	Ant2	5290	-6.74	≤11.00	PASS
	total	5290	-2.85	≤11.00	PASS
	Ant1	5530	-4.08	≤11.00	PASS
	Ant2	5530	-5.77	≤11.00	PASS
	total	5530	-1.83	≤11.00	PASS
	Ant1	5610	-4.83	≤11.00	PASS
	Ant2	5610	-5.79	≤11.00	PASS
	total	5610	-2.27	≤11.00	PASS
	Ant1	5775	-6.74	≤30.00	PASS
	Ant2	5775	-7.66	≤30.00	PASS
	total	5775	-4.17	≤30.00	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.

Test Graphs





































































