











































**Appendix D: Maximum power spectral density
Test Result**

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.17	≤11.00	PASS
11A	Ant2	5180	3.63	≤11.00	PASS
11A	Ant1	5200	3.79	≤11.00	PASS
11A	Ant2	5200	3.55	≤11.00	PASS
11A	Ant1	5240	4.14	≤11.00	PASS
11A	Ant2	5240	3.63	≤11.00	PASS
11A	Ant1	5260	3.89	≤11.00	PASS
11A	Ant2	5260	3.64	≤11.00	PASS
11A	Ant1	5300	3.92	≤11.00	PASS
11A	Ant2	5300	3.67	≤11.00	PASS
11A	Ant1	5320	3.74	≤11.00	PASS
11A	Ant2	5320	3.36	≤11.00	PASS
11A	Ant1	5500	3.58	≤11.00	PASS
11A	Ant2	5500	3.05	≤11.00	PASS
11A	Ant1	5580	3.60	≤11.00	PASS
11A	Ant2	5580	3.24	≤11.00	PASS
11A	Ant1	5700	3.77	≤11.00	PASS
11A	Ant2	5700	3.53	≤11.00	PASS
11A	Ant1	5745	0.93	≤30.00	PASS
11A	Ant2	5745	0.78	≤30.00	PASS
11A	Ant1	5785	0.54	≤30.00	PASS
11A	Ant2	5785	0.36	≤30.00	PASS
11A	Ant1	5825	0.72	≤30.00	PASS
11A	Ant2	5825	0.66	≤30.00	PASS
11N20MIMO	Ant1	5180	3.98	≤11.00	PASS
11N20MIMO	Ant2	5180	3.30	≤11.00	PASS
11N20MIMO	total	5180	6.66	≤11.00	PASS
11N20MIMO	Ant1	5200	3.81	≤11.00	PASS
11N20MIMO	Ant2	5200	3.48	≤11.00	PASS
11N20MIMO	total	5200	6.66	≤11.00	PASS
11N20MIMO	Ant1	5240	3.88	≤11.00	PASS
11N20MIMO	Ant2	5240	3.37	≤11.00	PASS
11N20MIMO	total	5240	6.64	≤11.00	PASS
11N20MIMO	Ant1	5260	3.57	≤11.00	PASS
11N20MIMO	Ant2	5260	2.98	≤11.00	PASS
11N20MIMO	total	5260	6.30	≤11.00	PASS
11N20MIMO	Ant1	5300	3.48	≤11.00	PASS
11N20MIMO	Ant2	5300	3.23	≤11.00	PASS
11N20MIMO	total	5300	6.37	≤11.00	PASS
11N20MIMO	Ant1	5320	3.34	≤11.00	PASS
11N20MIMO	Ant2	5320	3.01	≤11.00	PASS
11N20MIMO	total	5320	6.19	≤11.00	PASS
11N20MIMO	Ant1	5500	3.17	≤11.00	PASS
11N20MIMO	Ant2	5500	2.77	≤11.00	PASS
11N20MIMO	total	5500	5.98	≤11.00	PASS
11N20MIMO	Ant1	5580	3.37	≤11.00	PASS
11N20MIMO	Ant2	5580	2.94	≤11.00	PASS
11N20MIMO	total	5580	6.17	≤11.00	PASS
11N20MIMO	Ant1	5700	5.47	≤11.00	PASS
11N20MIMO	Ant2	5700	3.10	≤11.00	PASS
11N20MIMO	total	5700	7.46	≤11.00	PASS
11N20MIMO	Ant1	5745	0.52	≤30.00	PASS
11N20MIMO	Ant2	5745	0.46	≤30.00	PASS

11N20MIMO	total	5745	3.50	≤30.00	PASS
11N20MIMO	Ant1	5785	0.34	≤30.00	PASS
11N20MIMO	Ant2	5785	0.22	≤30.00	PASS
11N20MIMO	total	5785	3.29	≤30.00	PASS
11N20MIMO	Ant1	5825	0.27	≤30.00	PASS
11N20MIMO	Ant2	5825	0.52	≤30.00	PASS
11N20MIMO	total	5825	3.41	≤30.00	PASS
11N40MIMO	Ant1	5190	0.96	≤11.00	PASS
11N40MIMO	Ant2	5190	0.36	≤11.00	PASS
11N40MIMO	total	5190	3.68	≤11.00	PASS
11N40MIMO	Ant1	5230	1.02	≤11.00	PASS
11N40MIMO	Ant2	5230	0.70	≤11.00	PASS
11N40MIMO	total	5230	3.87	≤11.00	PASS
11N40MIMO	Ant1	5270	1.02	≤11.00	PASS
11N40MIMO	Ant2	5270	0.58	≤11.00	PASS
11N40MIMO	total	5270	3.82	≤11.00	PASS
11N40MIMO	Ant1	5310	0.68	≤11.00	PASS
11N40MIMO	Ant2	5310	0.38	≤11.00	PASS
11N40MIMO	total	5310	3.54	≤11.00	PASS
11N40MIMO	Ant1	5510	0.38	≤11.00	PASS
11N40MIMO	Ant2	5510	0.34	≤11.00	PASS
11N40MIMO	total	5510	3.37	≤11.00	PASS
11N40MIMO	Ant1	5590	0.82	≤11.00	PASS
11N40MIMO	Ant2	5590	0.32	≤11.00	PASS
11N40MIMO	total	5590	3.59	≤11.00	PASS
11N40MIMO	Ant1	5670	0.65	≤11.00	PASS
11N40MIMO	Ant2	5670	0.38	≤11.00	PASS
11N40MIMO	total	5670	3.53	≤11.00	PASS
11N40MIMO	Ant1	5755	-2.39	≤30.00	PASS
11N40MIMO	Ant2	5755	-2.44	≤30.00	PASS
11N40MIMO	total	5755	0.60	≤30.00	PASS
11N40MIMO	Ant1	5795	-2.57	≤30.00	PASS
11N40MIMO	Ant2	5795	-2.57	≤30.00	PASS
11N40MIMO	total	5795	0.44	≤30.00	PASS
11AC20MIMO	Ant1	5180	3.73	≤11.00	PASS
11AC20MIMO	Ant2	5180	3.23	≤11.00	PASS
11AC20MIMO	total	5180	6.50	≤11.00	PASS
11AC20MIMO	Ant1	5200	3.42	≤11.00	PASS
11AC20MIMO	Ant2	5200	3.20	≤11.00	PASS
11AC20MIMO	total	5200	6.32	≤11.00	PASS
11AC20MIMO	Ant1	5240	3.76	≤11.00	PASS
11AC20MIMO	Ant2	5240	3.29	≤11.00	PASS
11AC20MIMO	total	5240	6.54	≤11.00	PASS
11AC20MIMO	Ant1	5260	3.66	≤11.00	PASS
11AC20MIMO	Ant2	5260	3.29	≤11.00	PASS
11AC20MIMO	total	5260	6.49	≤11.00	PASS
11AC20MIMO	Ant1	5300	3.55	≤11.00	PASS
11AC20MIMO	Ant2	5300	3.38	≤11.00	PASS
11AC20MIMO	total	5300	6.48	≤11.00	PASS
11AC20MIMO	Ant1	5320	3.26	≤11.00	PASS
11AC20MIMO	Ant2	5320	3.19	≤11.00	PASS
11AC20MIMO	total	5320	6.24	≤11.00	PASS
11AC20MIMO	Ant1	5500	3.11	≤11.00	PASS
11AC20MIMO	Ant2	5500	2.77	≤11.00	PASS
11AC20MIMO	total	5500	5.95	≤11.00	PASS
11AC20MIMO	Ant1	5580	3.32	≤11.00	PASS
11AC20MIMO	Ant2	5580	2.99	≤11.00	PASS

11AC20MIMO	total	5580	6.17	≤11.00	PASS
11AC20MIMO	Ant1	5700	3.16	≤11.00	PASS
11AC20MIMO	Ant2	5700	3.07	≤11.00	PASS
11AC20MIMO	total	5700	6.13	≤11.00	PASS
11AC20MIMO	Ant1	5745	0.52	≤30.00	PASS
11AC20MIMO	Ant2	5745	0.40	≤30.00	PASS
11AC20MIMO	total	5745	3.47	≤30.00	PASS
11AC20MIMO	Ant1	5785	-0.02	≤30.00	PASS
11AC20MIMO	Ant2	5785	0.02	≤30.00	PASS
11AC20MIMO	total	5785	3.01	≤30.00	PASS
11AC20MIMO	Ant1	5825	0.26	≤30.00	PASS
11AC20MIMO	Ant2	5825	0.32	≤30.00	PASS
11AC20MIMO	total	5825	3.30	≤30.00	PASS
11AC40MIMO	Ant1	5190	0.90	≤11.00	PASS
11AC40MIMO	Ant2	5190	0.23	≤11.00	PASS
11AC40MIMO	total	5190	3.59	≤11.00	PASS
11AC40MIMO	Ant1	5230	1.13	≤11.00	PASS
11AC40MIMO	Ant2	5230	0.59	≤11.00	PASS
11AC40MIMO	total	5230	3.88	≤11.00	PASS
11AC40MIMO	Ant1	5270	0.97	≤11.00	PASS
11AC40MIMO	Ant2	5270	0.48	≤11.00	PASS
11AC40MIMO	total	5270	3.74	≤11.00	PASS
11AC40MIMO	Ant1	5310	0.49	≤11.00	PASS
11AC40MIMO	Ant2	5310	1.04	≤11.00	PASS
11AC40MIMO	total	5310	3.78	≤11.00	PASS
11AC40MIMO	Ant1	5510	0.31	≤11.00	PASS
11AC40MIMO	Ant2	5510	0.12	≤11.00	PASS
11AC40MIMO	total	5510	3.23	≤11.00	PASS
11AC40MIMO	Ant1	5590	0.38	≤11.00	PASS
11AC40MIMO	Ant2	5590	-0.14	≤11.00	PASS
11AC40MIMO	total	5590	3.14	≤11.00	PASS
11AC40MIMO	Ant1	5670	1.58	≤11.00	PASS
11AC40MIMO	Ant2	5670	0.35	≤11.00	PASS
11AC40MIMO	total	5670	4.02	≤11.00	PASS
11AC40MIMO	Ant1	5755	-2.19	≤30.00	PASS
11AC40MIMO	Ant2	5755	-1.46	≤30.00	PASS
11AC40MIMO	total	5755	1.20	≤30.00	PASS
11AC40MIMO	Ant1	5795	-2.65	≤30.00	PASS
11AC40MIMO	Ant2	5795	-2.58	≤30.00	PASS
11AC40MIMO	total	5795	0.40	≤30.00	PASS
11AC80MIMO	Ant1	5210	-4.14	≤11.00	PASS
11AC80MIMO	Ant2	5210	-4.33	≤11.00	PASS
11AC80MIMO	total	5210	-1.22	≤11.00	PASS
11AC80MIMO	Ant1	5290	-3.94	≤11.00	PASS
11AC80MIMO	Ant2	5290	-3.78	≤11.00	PASS
11AC80MIMO	total	5290	-0.85	≤11.00	PASS
11AC80MIMO	Ant1	5530	-4.09	≤11.00	PASS
11AC80MIMO	Ant2	5530	-4.10	≤11.00	PASS
11AC80MIMO	total	5530	-1.08	≤11.00	PASS
11AC80MIMO	Ant1	5610	-4.75	≤11.00	PASS
11AC80MIMO	Ant2	5610	-5.36	≤11.00	PASS
11AC80MIMO	total	5610	-2.03	≤11.00	PASS
11AC80MIMO	Ant1	5775	-7.52	≤30.00	PASS
11AC80MIMO	Ant2	5775	-7.35	≤30.00	PASS
11AC80MIMO	total	5775	-4.42	≤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

11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



11A-Ant1-5200-PASS



11A-Ant2-5200-PASS



11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



11A-Ant1-5260-PASS



11A-Ant2-5260-PASS



11A-Ant1-5300-PASS



11A-Ant2-5300-PASS



11A-Ant1-5320-PASS



11A-Ant2-5320-PASS



11A-Ant1-5500-PASS



11A-Ant2-5500-PASS



11A-Ant1-5580-PASS



11A-Ant2-5580-PASS



11A-Ant1-5700-PASS



11A-Ant2-5700-PASS



11A-Ant1-5745-PASS



11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS

















