







## Appendix D): Power Spectral Density

**Result Table**

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11A	Ant1	5180	10.24	10.37	PASS
11A	Ant2	5180	10.24	10.37	PASS
11A	Ant1	5200	10.52	10.65	PASS
11A	Ant2	5200	10.52	10.64	PASS
11A	Ant1	5240	10.40	10.52	PASS
11A	Ant2	5240	9.95	10.07	PASS
11A	Ant1	5260	10.35	10.48	PASS
11A	Ant2	5260	9.60	9.72	PASS
11A	Ant1	5280	9.92	10.05	PASS
11A	Ant2	5280	9.51	9.64	PASS
11A	Ant1	5320	10.46	10.58	PASS
11A	Ant2	5320	10.19	10.31	PASS
11A	Ant1	5500	10.75	10.88	PASS
11A	Ant2	5500	10.20	10.32	PASS
11A	Ant1	5580	10.54	10.66	PASS
11A	Ant2	5580	10.29	10.41	PASS
11A	Ant1	5700	10.78	10.90	PASS
11A	Ant2	5700	10.85	10.98	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11A	Ant1	5745	7.87	7.99	PASS
11A	Ant2	5745	7.84	7.96	PASS
11A	Ant1	5785	8.13	8.26	PASS
11A	Ant2	5785	8.09	8.22	PASS
11A	Ant1	5825	7.91	8.05	PASS
11A	Ant2	5825	7.76	7.89	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N20SISO	Ant1	5180	9.29	9.43	PASS
11N20SISO	Ant2	5180	7.46	7.59	PASS
11N20SISO	Ant1	5200	9.25	9.38	PASS
11N20SISO	Ant2	5200	7.58	7.71	PASS
11N20SISO	Ant1	5240	8.83	8.96	PASS
11N20SISO	Ant2	5240	7.10	7.24	PASS
11N20SISO	Ant1	5260	9.10	9.23	PASS
11N20SISO	Ant2	5260	6.74	6.88	PASS
11N20SISO	Ant1	5280	9.10	9.23	PASS
11N20SISO	Ant2	5280	6.75	6.89	PASS
11N20SISO	Ant1	5320	9.98	10.11	PASS
11N20SISO	Ant2	5320	7.52	7.65	PASS
11N20SISO	Ant1	5500	9.65	9.78	PASS
11N20SISO	Ant2	5500	8.02	8.15	PASS
11N20SISO	Ant1	5580	9.51	9.65	PASS
11N20SISO	Ant2	5580	8.65	8.79	PASS
11N20SISO	Ant1	5700	9.06	9.19	PASS
11N20SISO	Ant2	5700	9.32	9.45	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N20SISO	Ant1	5745	5.36	5.49	PASS
11N20SISO	Ant2	5745	5.72	5.85	PASS
11N20SISO	Ant1	5785	5.44	5.58	PASS
11N20SISO	Ant2	5785	5.69	5.82	PASS
11N20SISO	Ant1	5825	4.39	4.53	PASS
11N20SISO	Ant2	5825	5.39	5.53	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N40SISO	Ant1	5190	6.73	6.97	PASS
11N40SISO	Ant2	5190	4.55	4.81	PASS
11N40SISO	Ant1	5230	6.30	6.56	PASS
11N40SISO	Ant2	5230	4.05	4.32	PASS
11N40SISO	Ant1	5270	6.49	6.76	PASS
11N40SISO	Ant2	5270	3.71	3.97	PASS
11N40SISO	Ant1	5310	7.34	7.60	PASS
11N40SISO	Ant2	5310	4.63	4.90	PASS
11N40SISO	Ant1	5510	6.22	6.49	PASS
11N40SISO	Ant2	5510	4.79	5.06	PASS
11N40SISO	Ant1	5550	6.98	7.25	PASS
11N40SISO	Ant2	5550	5.20	5.47	PASS
11N40SISO	Ant1	5670	5.72	5.99	PASS
11N40SISO	Ant2	5670	5.46	5.71	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N40SISO	Ant1	5755	2.70	2.96	PASS
11N40SISO	Ant2	5755	3.05	3.32	PASS
11N40SISO	Ant1	5795	2.48	2.73	PASS
11N40SISO	Ant2	5795	3.20	3.46	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC20SISO	Ant1	5180	7.99	8.12	PASS
11AC20SISO	Ant2	5180	7.35	7.48	PASS
11AC20SISO	Ant1	5200	7.74	7.87	PASS
11AC20SISO	Ant2	5200	7.48	7.62	PASS
11AC20SISO	Ant1	5240	8.44	8.58	PASS
11AC20SISO	Ant2	5240	6.95	7.08	PASS
11AC20SISO	Ant1	5260	9.60	9.74	PASS
11AC20SISO	Ant2	5260	6.90	7.03	PASS
11AC20SISO	Ant1	5280	9.53	9.67	PASS

11AC20SISO	Ant2	5280	6.65	6.78	PASS
11AC20SISO	Ant1	5320	9.79	9.92	PASS
11AC20SISO	Ant2	5320	7.25	7.38	PASS
11AC20SISO	Ant1	5500	9.11	9.25	PASS
11AC20SISO	Ant2	5500	8.02	8.15	PASS
11AC20SISO	Ant1	5580	9.52	9.65	PASS
11AC20SISO	Ant2	5580	8.56	8.69	PASS
11AC20SISO	Ant1	5700	8.98	9.12	PASS
11AC20SISO	Ant2	5700	9.33	9.46	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC20SISO	Ant1	5745	5.16	5.29	PASS
11AC20SISO	Ant2	5745	5.60	5.73	PASS
11AC20SISO	Ant1	5785	3.68	3.82	PASS
11AC20SISO	Ant2	5785	5.80	5.93	PASS
11AC20SISO	Ant1	5825	4.61	4.74	PASS
11AC20SISO	Ant2	5825	5.49	5.62	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC40SISO	Ant1	5190	6.16	6.43	PASS
11AC40SISO	Ant2	5190	4.27	4.53	PASS
11AC40SISO	Ant1	5230	6.15	6.42	PASS
11AC40SISO	Ant2	5230	3.64	3.91	PASS
11AC40SISO	Ant1	5270	4.48	4.75	PASS
11AC40SISO	Ant2	5270	2.76	3.02	PASS
11AC40SISO	Ant1	5310	5.10	5.35	PASS
11AC40SISO	Ant2	5310	3.67	3.93	PASS
11AC40SISO	Ant1	5510	3.63	3.89	PASS
11AC40SISO	Ant2	5510	3.95	4.21	PASS
11AC40SISO	Ant1	5550	3.54	3.80	PASS
11AC40SISO	Ant2	5550	4.37	4.64	PASS
11AC40SISO	Ant1	5670	1.84	2.10	PASS
11AC40SISO	Ant2	5670	5.28	5.54	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC40SISO	Ant1	5755	2.36	2.62	PASS
11AC40SISO	Ant2	5755	2.49	2.73	PASS
11AC40SISO	Ant1	5795	2.30	2.57	PASS
11AC40SISO	Ant2	5795	2.68	2.95	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC80SISO	Ant1	5210	3.21	3.74	PASS
11AC80SISO	Ant2	5210	-0.05	1.07	PASS
11AC80SISO	Ant1	5290	1.77	2.29	PASS
11AC80SISO	Ant2	5290	0.02	0.54	PASS
11AC80SISO	Ant1	5530	1.02	1.54	PASS
11AC80SISO	Ant2	5530	1.31	1.83	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC80SISO	Ant1	5775	-2.09	-1.57	PASS
11AC80SISO	Ant2	5775	-1.48	-0.96	PASS



Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N20MIMO	Ant1	5180	7.76	8.02	PASS
11N20MIMO	Ant2	5180	7.06	7.31	PASS
11N20MIMO	Ant1+2	5180	10.15	10.41	PASS
11N20MIMO	Ant1	5200	7.90	8.15	PASS
11N20MIMO	Ant2	5200	7.20	7.45	PASS
11N20MIMO	Ant1+2	5200	10.57	10.83	PASS
11N20MIMO	Ant1	5240	7.72	7.98	PASS
11N20MIMO	Ant2	5240	6.47	6.72	PASS
11N20MIMO	Ant1+2	5240	10.57	10.41	PASS
11N20MIMO	Ant1	5260	5.87	6.00	PASS
11N20MIMO	Ant2	5260	8.56	8.69	PASS
11N20MIMO	Ant1+2	5260	10.43	10.56	PASS
11N20MIMO	Ant1	5280	7.71	7.97	PASS
11N20MIMO	Ant2	5280	6.09	6.35	PASS
11N20MIMO	Ant1+2	5280	9.99	10.24	PASS
11N20MIMO	Ant1	5320	8.18	8.44	PASS
11N20MIMO	Ant2	5320	6.44	6.69	PASS
11N20MIMO	Ant1+2	5320	10.41	10.66	PASS
11N20MIMO	Ant1	5500	5.97	6.10	PASS
11N20MIMO	Ant2	5500	8.62	8.75	PASS
11N20MIMO	Ant1+2	5500	10.50	10.64	PASS
11N20MIMO	Ant1	5580	5.50	5.64	PASS
11N20MIMO	Ant2	5580	8.54	8.69	PASS
11N20MIMO	Ant1+2	5580	10.29	10.43	PASS
11N20MIMO	Ant1	5700	5.80	5.94	PASS
11N20MIMO	Ant2	5700	8.82	8.95	PASS
11N20MIMO	Ant1+2	5700	10.58	10.71	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N20MIMO	Ant1	5745	4.09	4.22	PASS
11N20MIMO	Ant2	5745	8.15	8.29	PASS
11N20MIMO	Ant1+2	5745	9.59	9.72	PASS
11N20MIMO	Ant1	5785	4.58	4.72	PASS
11N20MIMO	Ant2	5785	8.81	8.95	PASS
11N20MIMO	Ant1+2	5785	10.20	10.34	PASS
11N20MIMO	Ant1	5825	4.87	5.00	PASS
11N20MIMO	Ant2	5825	7.18	7.31	PASS
11N20MIMO	Ant1+2	5825	9.18	9.32	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N40MIMO	Ant1	5190	5.31	5.58	PASS
11N40MIMO	Ant2	5190	5.93	6.20	PASS
11N40MIMO	Ant1+2	5190	8.64	8.91	PASS
11N40MIMO	Ant1	5230	5.34	5.61	PASS
11N40MIMO	Ant2	5230	5.28	5.55	PASS
11N40MIMO	Ant1+2	5230	8.32	8.59	PASS
11N40MIMO	Ant1	5270	5.43	5.69	PASS
11N40MIMO	Ant2	5270	5.19	5.45	PASS
11N40MIMO	Ant1+2	5270	8.32	8.58	PASS
11N40MIMO	Ant1	5310	6.25	6.51	PASS
11N40MIMO	Ant2	5310	6.18	6.45	PASS
11N40MIMO	Ant1+2	5310	9.23	9.49	PASS
11N40MIMO	Ant1	5510	4.38	4.65	PASS
11N40MIMO	Ant2	5510	6.12	6.39	PASS
11N40MIMO	Ant1+2	5510	8.35	8.62	PASS
11N40MIMO	Ant1	5550	4.67	4.93	PASS
11N40MIMO	Ant2	5550	6.62	6.88	PASS
11N40MIMO	Ant1+2	5550	8.76	9.02	PASS
11N40MIMO	Ant1	5670	3.46	3.73	PASS

11N40MIMO	Ant2	5670	6.62	6.88	PASS
11N40MIMO	Ant1+2	5670	8.33	8.60	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N40MIMO	Ant1	5755	0.99	1.25	PASS
11N40MIMO	Ant2	5755	5.62	5.88	PASS
11N40MIMO	Ant1+2	5755	6.90	7.17	PASS
11N40MIMO	Ant1	5795	1.74	2.00	PASS
11N40MIMO	Ant2	5795	5.81	6.07	PASS
11N40MIMO	Ant1+2	5795	7.24	7.51	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC20MIMO	Ant1	5180	7.91	8.04	PASS
11AC20MIMO	Ant2	5180	6.90	7.03	PASS
11AC20MIMO	Ant 1+2	5180	10.44	10.57	PASS
11AC20MIMO	Ant1	5200	7.59	7.74	PASS
11AC20MIMO	Ant2	5200	7.26	7.39	PASS
11AC20MIMO	Ant 1+2	5200	10.44	10.58	PASS
11AC20MIMO	Ant1	5240	7.57	7.70	PASS
11AC20MIMO	Ant2	5240	6.97	7.10	PASS
11AC20MIMO	Ant 1+2	5240	10.29	10.42	PASS
11AC20MIMO	Ant1	5260	8.27	8.40	PASS
11AC20MIMO	Ant2	5260	6.82	6.95	PASS
11AC20MIMO	Ant1+2	5260	10.61	10.74	PASS
11AC20MIMO	Ant1	5280	8.16	8.29	PASS
11AC20MIMO	Ant2	5280	7.22	7.35	PASS
11AC20MIMO	Ant1+2	5280	10.73	10.86	PASS
11AC20MIMO	Ant1	5320	7.97	8.11	PASS
11AC20MIMO	Ant2	5320	6.74	6.87	PASS
11AC20MIMO	Ant1+2	5320	10.41	10.55	PASS
11AC20MIMO	Ant1	5500	7.57	7.71	PASS
11AC20MIMO	Ant2	5500	7.54	7.67	PASS

11AC20MIMO	Ant1+2	5500	10.56	10.70	PASS
11AC20MIMO	Ant1	5580	7.57	7.70	PASS
11AC20MIMO	Ant2	5580	7.85	7.98	PASS
11AC20MIMO	Ant1+2	5580	10.72	10.85	PASS
11AC20MIMO	Ant1	5700	6.90	7.04	PASS
11AC20MIMO	Ant2	5700	8.38	8.52	PASS
11AC20MIMO	Ant1+2	5700	10.71	10.85	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC20MIMO	Ant1	5745	5.80	5.93	PASS
11AC20MIMO	Ant2	5745	8.38	8.51	PASS
11AC20MIMO	Ant 1+2	5745	10.29	10.42	PASS
11AC20MIMO	Ant1	5785	5.83	5.96	PASS
11AC20MIMO	Ant2	5785	8.69	8.82	PASS
11AC20MIMO	Ant 1+2	5785	10.50	10.63	PASS
11AC20MIMO	Ant1	5825	3.30	3.43	PASS
11AC20MIMO	Ant2	5825	2.06	2.20	PASS
11AC20MIMO	Ant 1+2	5825	5.74	5.87	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC40MIMO	Ant1	5190	6.07	6.33	PASS
11AC40MIMO	Ant2	5190	5.65	5.92	PASS
11AC40MIMO	Ant 1+2	5190	8.88	9.14	PASS
11AC40MIMO	Ant1	5230	6.27	6.53	PASS
11AC40MIMO	Ant2	5230	5.30	5.57	PASS
11AC40MIMO	Ant 1+2	5230	8.82	9.09	PASS
11N40MIMO	Ant1	5270	5.43	5.69	PASS
11N40MIMO	Ant2	5270	5.19	5.45	PASS
11N40MIMO	Ant1+2	5270	8.32	8.58	PASS
11N40MIMO	Ant1	5310	6.25	6.51	PASS
11N40MIMO	Ant2	5310	6.18	6.45	PASS
11N40MIMO	Ant1+2	5310	9.23	9.49	PASS
11N40MIMO	Ant1	5510	4.38	4.65	PASS

11N40MIMO	Ant2	5510	6.12	6.39	PASS
11N40MIMO	Ant1+2	5510	8.35	8.62	PASS
11N40MIMO	Ant1	5550	4.67	4.93	PASS
11N40MIMO	Ant2	5550	6.62	6.88	PASS
11N40MIMO	Ant1+2	5550	8.76	9.02	PASS
11N40MIMO	Ant1	5670	3.46	3.73	PASS
11N40MIMO	Ant2	5670	6.62	6.88	PASS
11N40MIMO	Ant1+2	5670	8.33	8.60	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC40MIMO	Ant1	5755	2.88	3.14	PASS
11AC40MIMO	Ant2	5755	5.11	5.38	PASS
11AC40MIMO	Ant 1+2	5755	7.15	7.41	PASS
11AC40MIMO	Ant1	5795	2.54	2.81	PASS
11AC40MIMO	Ant2	5795	4.82	5.08	PASS
11AC40MIMO	Ant 1+2	5795	6.84	7.10	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC80MIMO	Ant1	5210	3.04	4.16	PASS
11AC80MIMO	Ant2	5210	1.07	1.59	PASS
11AC80MIMO	Ant 1+2	5210	5.18	6.07	PASS
11AC80MIMO	Ant1	5290	1.93	3.05	PASS
11AC80MIMO	Ant2	5290	1.37	1.88	PASS
11AC80MIMO	Ant 1+2	5290	4.67	5.52	PASS
11AC80MIMO	Ant1	5530	1.17	2.39	PASS
11AC80MIMO	Ant2	5530	1.89	2.41	PASS
11AC80MIMO	Ant 1+2	5530	4.55	5.41	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC80MIMO	Ant1	5775	-1.36	-0.24	PASS
11AC80MIMO	Ant2	5775	0.72	1.24	PASS
11AC80MIMO	Ant 1+2	5775	2.81	3.58	PASS

**Test Graph**















































