



















Appendix C): Power Spectral Density

Result Table

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11A	Ant1	5180	7.00	7.43	PASS
11A	Ant1	5200	7.54	8.07	PASS
11A	Ant1	5240	9.54	9.86	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11A	Ant1	5745	0.38	0.94	PASS
11A	Ant1	5785	1.37	1.71	PASS
11A	Ant1	5825	2.09	2.41	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11A	Ant2	5180	6.31	6.66	PASS
11A	Ant2	5200	7.16	7.65	PASS
11A	Ant2	5240	8.69	8.86	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11A	Ant2	5745	0.63	1.11	PASS
11A	Ant2	5785	0.99	1.37	PASS
11A	Ant2	5825	1.86	2.00	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N20MIMO	Ant1	5180	6.16	6.72	PASS
11N20MIMO	Ant2	5180	5.61	6.25	PASS
11N20MIMO	Ant 1+2	5180	8.90	9.50	PASS
11N20MIMO	Ant1	5200	5.40	6.43	PASS
11N20MIMO	Ant2	5200	6.06	6.65	PASS
11N20MIMO	Ant 1+2	5200	8.75	9.55	PASS
11N20MIMO	Ant1	5240	7.10	7.60	PASS
11N20MIMO	Ant2	5240	6.58	7.43	PASS
11N20MIMO	Ant 1+2	5240	9.86	10.53	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N20MIMO	Ant1	5745	-0.97	-0.59	PASS
11N20MIMO	Ant2	5745	1.52	2.12	PASS
11N20MIMO	Ant 1+2	5745	3.46	3.98	PASS
11N20MIMO	Ant1	5785	-1.17	-0.89	PASS
11N20MIMO	Ant2	5785	0.28	0.54	PASS
11N20MIMO	Ant 1+2	5785	2.63	2.90	PASS
11N20MIMO	Ant1	5825	0.13	0.87	PASS
11N20MIMO	Ant2	5825	1.70	2.61	PASS
11N20MIMO	Ant 1+2	5825	3.99	4.83	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11N40MIMO	Ant1	5190	1.95	3.05	PASS
11N40MIMO	Ant2	5190	2.38	3.36	PASS
11N40MIMO	Ant 1+2	5190	5.18	6.22	PASS
11N40MIMO	Ant1	5230	3.99	5.77	PASS
11N40MIMO	Ant2	5230	4.19	5.88	PASS
11N40MIMO	Ant 1+2	5230	7.10	8.84	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11N40MIMO	Ant1	5755	-5.51	-4.70	PASS
11N40MIMO	Ant2	5755	-5.34	-3.90	PASS
11N40MIMO	Ant 1+2	5755	-2.41	-1.27	PASS
11N40MIMO	Ant1	5795	-4.67	-3.14	PASS
11N40MIMO	Ant2	5795	-3.97	-3.35	PASS
11N40MIMO	Ant 1+2	5795	-1.29	-0.24	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC20MIMO	Ant1	5180	5.59	5.92	PASS
11AC20MIMO	Ant2	5180	5.96	6.89	PASS
11AC20MIMO	Ant 1+2	5180	8.79	9.44	PASS
11AC20MIMO	Ant1	5200	4.99	5.31	PASS
11AC20MIMO	Ant2	5200	6.52	7.25	PASS
11AC20MIMO	Ant 1+2	5200	8.83	9.40	PASS
11AC20MIMO	Ant1	5240	6.60	7.15	PASS
11AC20MIMO	Ant2	5240	7.09	7.78	PASS
11AC20MIMO	Ant 1+2	5240	9.86	10.49	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC20MIMO	Ant1	5745	-1.65	-1.10	PASS
11AC20MIMO	Ant2	5745	0.15	0.69	PASS
11AC20MIMO	Ant 1+2	5745	2.35	2.89	PASS
11AC20MIMO	Ant1	5785	-1.68	-0.99	PASS
11AC20MIMO	Ant2	5785	0.04	0.36	PASS
11AC20MIMO	Ant 1+2	5785	2.27	2.75	PASS
11AC20MIMO	Ant1	5825	-0.39	0.26	PASS
11AC20MIMO	Ant2	5825	0.69	1.01	PASS
11AC20MIMO	Ant 1+2	5825	3.19	3.66	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC40MIMO	Ant1	5190	1.69	3.22	PASS
11AC40MIMO	Ant2	5190	2.79	4.41	PASS
11AC40MIMO	Ant 1+2	5190	5.29	6.87	PASS
11AC40MIMO	Ant1	5230	2.85	4.54	PASS
11AC40MIMO	Ant2	5230	3.89	5.71	PASS
11AC40MIMO	Ant 1+2	5230	6.41	8.18	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC40MIMO	Ant1	5755	-6.44	-5.53	PASS
11AC40MIMO	Ant2	5755	-3.46	-2.55	PASS
11AC40MIMO	Ant 1+2	5755	-1.69	-0.78	PASS
11AC40MIMO	Ant1	5795	-4.87	-4.00	PASS
11AC40MIMO	Ant2	5795	-3.23	-1.65	PASS
11AC40MIMO	Ant 1+2	5795	-0.97	0.34	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/MHz]	Verdict
11AC80MIMO	Ant1	5210	1.59	4.12	PASS
11AC80MIMO	Ant2	5210	1.53	5.64	PASS
11AC80MIMO	Ant 1+2	5210	4.57	7.96	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	PSD [dBm/500kHz]	Verdict
11AC80MIMO	Ant1	5775	-5.81	-3.05	PASS
11AC80MIMO	Ant2	5775	-4.64	-2.60	PASS
11AC80MIMO	Ant 1+2	5775	-2.18	0.19	PASS

Test Graph



















