









11.6. Appendix F: Conducted Spurious Emission

11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	7.16	---	PASS
			30~1000	-54.13	≤-22.84	PASS
			1000~26500	-47.5	≤-22.84	PASS
		2437	Reference	7.05	---	PASS
			30~1000	-54.17	≤-22.95	PASS
			1000~26500	-49.14	≤-22.95	PASS
		2462	Reference	7.26	---	PASS
			30~1000	-53.72	≤-22.74	PASS
			1000~26500	-48.72	≤-22.74	PASS
11G	Ant2	2412	Reference	4.75	---	PASS
			30~1000	-54.04	≤-25.25	PASS
			1000~26500	-48.57	≤-25.25	PASS
		2437	Reference	4.67	---	PASS
			30~1000	-53.81	≤-25.33	PASS
			1000~26500	-46.75	≤-25.33	PASS
		2462	Reference	4.28	---	PASS
			30~1000	-53.91	≤-25.72	PASS
			1000~26500	-48.12	≤-25.72	PASS
11N20MIMO	Ant1	2412	Reference	4.78	---	PASS
			30~1000	-54.05	≤-25.22	PASS
			1000~26500	-48.92	≤-25.22	PASS
	Ant2	2412	Reference	4.39	---	PASS
			30~1000	-53.95	≤-25.61	PASS
			1000~26500	-48.06	≤-25.61	PASS
	Ant1	2437	Reference	5.00	---	PASS
			30~1000	-54.3	≤-25	PASS
			1000~26500	-48.63	≤-25	PASS
	Ant2	2437	Reference	4.80	---	PASS
			30~1000	-54.03	≤-25.2	PASS
			1000~26500	-46.87	≤-25.2	PASS
	Ant1	2462	Reference	5.08	---	PASS
			30~1000	-54.19	≤-24.92	PASS
			1000~26500	-47.56	≤-24.92	PASS
	Ant2	2462	Reference	5.08	---	PASS
			30~1000	-53.74	≤-24.92	PASS
			1000~26500	-45.23	≤-24.92	PASS
11N40MIMO	Ant1	2422	Reference	2.18	---	PASS
			30~1000	-54.01	≤-27.82	PASS
			1000~26500	-48.29	≤-27.82	PASS
	Ant2	2422	Reference	1.92	---	PASS
			30~1000	-54.66	≤-28.08	PASS
			1000~26500	-48.79	≤-28.08	PASS
	Ant1	2437	Reference	2.25	---	PASS
			30~1000	-53.5	≤-27.75	PASS
			1000~26500	-48.34	≤-27.75	PASS
	Ant2	2437	Reference	2.41	---	PASS
			30~1000	-54.16	≤-27.59	PASS
			1000~26500	-48.49	≤-27.59	PASS
	Ant1	2452	Reference	2.56	---	PASS
			30~1000	-54.24	≤-27.44	PASS
			1000~26500	-48.35	≤-27.44	PASS
	Ant2	2452	Reference	2.17	---	PASS
			30~1000	-54.59	≤-27.83	PASS

			1000~26500	-48.49	≤-27.83	PASS
11AX20MIMO	Ant1	2412	Reference	2.99	---	PASS
			30~1000	-54.21	≤-27.01	PASS
			1000~26500	-47.82	≤-27.01	PASS
	Ant2	2412	Reference	2.45	---	PASS
			30~1000	-52.78	≤-27.55	PASS
			1000~26500	-48.56	≤-27.55	PASS
	Ant1	2437	Reference	2.60	---	PASS
			30~1000	-53.33	≤-27.4	PASS
			1000~26500	-48.62	≤-27.4	PASS
	Ant2	2437	Reference	2.44	---	PASS
			30~1000	-53.78	≤-27.56	PASS
			1000~26500	-48.13	≤-27.56	PASS
	Ant1	2462	Reference	2.68	---	PASS
			30~1000	-53.81	≤-27.32	PASS
			1000~26500	-48.5	≤-27.32	PASS
	Ant2	2462	Reference	2.21	---	PASS
			30~1000	-53.29	≤-27.79	PASS
			1000~26500	-48.47	≤-27.79	PASS
11AX40MIMO	Ant1	2422	Reference	1.60	---	PASS
			30~1000	-53.74	≤-28.4	PASS
			1000~26500	-48.98	≤-28.4	PASS
	Ant2	2422	Reference	2.11	---	PASS
			30~1000	-53.73	≤-27.89	PASS
			1000~26500	-48.86	≤-27.89	PASS
	Ant1	2437	Reference	1.57	---	PASS
			30~1000	-54.24	≤-28.43	PASS
			1000~26500	-48.47	≤-28.43	PASS
	Ant2	2437	Reference	2.00	---	PASS
			30~1000	-54.05	≤-28	PASS
			1000~26500	-48.87	≤-28	PASS
	Ant1	2452	Reference	1.99	---	PASS
			30~1000	-53.76	≤-28.01	PASS
			1000~26500	-48.07	≤-28.01	PASS
	Ant2	2452	Reference	2.31	---	PASS
			30~1000	-53.4	≤-27.69	PASS
			1000~26500	-48.21	≤-27.69	PASS

Note: For 802.11b and g modes, both the two antennas had been tested, but only the worst data was recorded in the report.

11.6.2. Test Graphs





















































