















11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	Reference	10.97	---	PASS
			30~1000	-55.28	≤-19.03	PASS
			1000~26500	-50.17	≤-19.03	PASS
	Ant2	2412	Reference	10.32	---	PASS
			30~1000	-55.46	≤-19.68	PASS
			1000~26500	-49.47	≤-19.68	PASS
	Ant1	2437	Reference	11.17	---	PASS
			30~1000	-52.18	≤-18.83	PASS
			1000~26500	-50.16	≤-18.83	PASS
	Ant2	2437	Reference	10.85	---	PASS
			30~1000	-55.4	≤-19.15	PASS
			1000~26500	-50.31	≤-19.15	PASS
11G-CDD	Ant1	2462	Reference	10.91	---	PASS
			30~1000	-55.89	≤-19.09	PASS
			1000~26500	-50.25	≤-19.09	PASS
	Ant2	2462	Reference	10.49	---	PASS
			30~1000	-53.48	≤-19.51	PASS
			1000~26500	-49.65	≤-19.51	PASS
	Ant1	2412	Reference	5.98	---	PASS
			30~1000	-55.38	≤-24.02	PASS
			1000~26500	-50.31	≤-24.02	PASS
	Ant2	2412	Reference	5.65	---	PASS
			30~1000	-55.05	≤-24.35	PASS
			1000~26500	-49.88	≤-24.35	PASS
11N20MIMO	Ant1	2437	Reference	6.89	---	PASS
			30~1000	-55.32	≤-23.11	PASS
			1000~26500	-50.87	≤-23.11	PASS
	Ant2	2437	Reference	6.14	---	PASS
			30~1000	-54.95	≤-23.86	PASS
			1000~26500	-50.78	≤-23.86	PASS
	Ant2	2462	Reference	5.86	---	PASS
			30~1000	-55.89	≤-24.14	PASS
			1000~26500	-49.15	≤-24.14	PASS
	Ant1	2412	Reference	1.80	---	PASS
			30~1000	-50.12	≤-28.2	PASS
			1000~26500	-36.35	≤-28.2	PASS
	Ant2	2412	Reference	1.39	---	PASS
			30~1000	-49.82	≤-28.61	PASS
			1000~26500	-36.03	≤-28.61	PASS
	Ant1	2437	Reference	3.63	---	PASS
			30~1000	-49.92	≤-26.37	PASS
			1000~26500	-36.09	≤-26.37	PASS
	Ant2	2437	Reference	-0.34	---	PASS
			30~1000	-50.76	≤-30.34	PASS
			1000~26500	-36.59	≤-30.34	PASS
	Ant1	2462	Reference	-0.02	---	PASS
			30~1000	-50.96	≤-30.02	PASS
			1000~26500	-36.17	≤-30.02	PASS
	Ant2	2462	Reference	-0.54	---	PASS
			30~1000	-50.56	≤-30.54	PASS
			1000~26500	-35.9	≤-30.54	PASS
11N40MIMO	Ant1	2422	Reference	1.51	---	PASS
			30~1000	-49.63	≤-28.49	PASS
			1000~26500	-35.06	≤-28.49	PASS
	Ant2	2422	Reference	0.17	---	PASS

			30~1000	-50.75	≤-29.83	PASS
			1000~26500	-35.94	≤-29.83	PASS
			Reference	-0.32	---	PASS
		Ant1 2437	30~1000	-50.6	≤-30.32	PASS
			1000~26500	-36.04	≤-30.32	PASS
			Reference	1.35	---	PASS
		Ant2 2437	30~1000	-50.92	≤-28.65	PASS
			1000~26500	-36.05	≤-28.65	PASS
			Reference	-0.86	---	PASS
		Ant1 2452	30~1000	-51.25	≤-30.86	PASS
			1000~26500	-36.51	≤-30.86	PASS
			Reference	-0.25	---	PASS
		Ant2 2452	30~1000	-49.71	≤-30.25	PASS
			1000~26500	-35.49	≤-30.25	PASS
			Reference	0.26	---	PASS
11AX20MIMO	Ant1 2412	30~1000	-49.98	≤-29.74	PASS	
		1000~26500	-36.31	≤-29.74	PASS	
		Reference	-0.40	---	PASS	
	Ant2 2412	30~1000	-50.86	≤-30.4	PASS	
		1000~26500	-35.98	≤-30.4	PASS	
		Reference	-0.22	---	PASS	
	Ant1 2437	30~1000	-50.08	≤-30.22	PASS	
		1000~26500	-36.08	≤-30.22	PASS	
		Reference	-0.51	---	PASS	
	Ant2 2437	30~1000	-50.45	≤-30.51	PASS	
		1000~26500	-36.54	≤-30.51	PASS	
		Reference	0.28	---	PASS	
	Ant1 2462	30~1000	-50.39	≤-29.72	PASS	
		1000~26500	-36.41	≤-29.72	PASS	
		Reference	-0.56	---	PASS	
	Ant2 2462	30~1000	-49.8	≤-30.56	PASS	
		1000~26500	-36.25	≤-30.56	PASS	
		Reference	-3.42	---	PASS	
11AX40MIMO	Ant1 2422	30~1000	-50.12	≤-33.42	PASS	
		1000~26500	-35.06	≤-33.42	PASS	
		Reference	-2.53	---	PASS	
	Ant2 2422	30~1000	-50.41	≤-32.53	PASS	
		1000~26500	-35.78	≤-32.53	PASS	
		Reference	-2.73	---	PASS	
	Ant1 2437	30~1000	-49.35	≤-32.73	PASS	
		1000~26500	-36.54	≤-32.73	PASS	
		Reference	0.09	---	PASS	
	Ant2 2437	30~1000	-50.81	≤-29.91	PASS	
		1000~26500	-36.8	≤-29.91	PASS	
		Reference	-0.51	---	PASS	
	Ant1 2452	30~1000	-50.4	≤-30.51	PASS	
		1000~26500	-36.34	≤-30.51	PASS	
		Reference	-1.97	---	PASS	
	Ant2 2452	30~1000	-48.6	≤-31.97	PASS	
		1000~26500	-35.83	≤-31.97	PASS	
		Reference	-	-	-	-

TestMode	Antenna	Channel	Ru Size	Ru Index	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11AX20MIMO	Ant1	2412	26Tone	RU0	Reference	9.12	---	PASS
				RU0	30~1000	-55.57	≤-20.88	PASS
				RU0	1000~26500	-49.79	≤-20.88	PASS
			52Tone	RU37	Reference	6.70	---	PASS
				RU37	30~1000	-55.03	≤-23.3	PASS
				RU37	1000~26500	-50.65	≤-23.3	PASS
	Ant2	2412	106Tone	RU53	Reference	4.51	---	PASS
				RU53	30~1000	-55.26	≤-25.49	PASS
				RU53	1000~26500	-50.22	≤-25.49	PASS
			26Tone	RU0	Reference	9.33	---	PASS
				RU0	30~1000	-55.77	≤-20.67	PASS
				RU0	1000~26500	-50.30	≤-20.67	PASS
	Ant1	2437	52Tone	RU37	Reference	7.17	---	PASS
				RU37	30~1000	-55.83	≤-22.83	PASS
				RU37	1000~26500	-49.58	≤-22.83	PASS
			106Tone	RU53	Reference	4.28	---	PASS
				RU53	30~1000	-55.67	≤-25.72	PASS
				RU53	1000~26500	-50.47	≤-25.72	PASS
	Ant2	2437	26Tone	RU4	Reference	10.11	---	PASS
				RU4	30~1000	-55.60	≤-19.89	PASS
				RU4	1000~26500	-49.76	≤-19.89	PASS
			52Tone	RU38	Reference	7.35	---	PASS
				RU38	30~1000	-54.93	≤-22.65	PASS
				RU38	1000~26500	-50.05	≤-22.65	PASS
	Ant1	2462	106Tone	RU53	Reference	5.15	---	PASS
				RU53	30~1000	-55.65	≤-24.85	PASS
				RU53	1000~26500	-49.72	≤-24.85	PASS
			26Tone	RU4	Reference	10.26	---	PASS
				RU4	30~1000	-55.31	≤-19.74	PASS
				RU4	1000~26500	-50.38	≤-19.74	PASS
	Ant2	2462	52Tone	RU38	Reference	7.53	---	PASS
				RU38	30~1000	-55.53	≤-22.47	PASS
				RU38	1000~26500	-49.86	≤-22.47	PASS
			106Tone	RU53	Reference	5.13	---	PASS
				RU53	30~1000	-55.45	≤-24.87	PASS
				RU53	1000~26500	-50.63	≤-24.87	PASS
	Ant1	2462	26Tone	RU8	Reference	10.02	---	PASS
				RU8	30~1000	-55.14	≤-19.98	PASS
				RU8	1000~26500	-49.99	≤-19.98	PASS
			52Tone	RU40	Reference	7.87	---	PASS
				RU40	30~1000	-55.05	≤-22.13	PASS
				RU40	1000~26500	-48.98	≤-22.13	PASS
	Ant2	2462	106Tone	RU54	Reference	5.65	---	PASS
				RU54	30~1000	-55.45	≤-24.35	PASS
				RU54	1000~26500	-50.37	≤-24.35	PASS
			26Tone	RU8	Reference	9.43	---	PASS
				RU8	30~1000	-55.51	≤-20.57	PASS
				RU8	1000~26500	-50.41	≤-20.57	PASS
			52Tone	RU40	Reference	6.78	---	PASS
				RU40	30~1000	-55.22	≤-23.22	PASS
				RU40	1000~26500	-50.05	≤-23.22	PASS
	Ant1	2462	106Tone	RU54	Reference	4.42	---	PASS
				RU54	30~1000	-55.33	≤-25.58	PASS
				RU54	1000~26500	-50.54	≤-25.58	PASS

11.6.2. Test Graphs



































