

























REPORT NO.: 4790686575.6-1-RF-1 Page 134 of 197

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER 11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
	Ant1	2412	16.77	≤30.00	PASS
	Ant0	2412	17.47	≤30.00	PASS
11B	Ant1	2437	17.13	≤30.00	PASS
IID	Ant0	2437	18.05	≤30.00	PASS
	Ant1	2462	16.87		PASS
	Ant0	2462	18.11	≤30.00	PASS
	Ant1	2412	16.28	≤30.00	PASS
	Ant0	2412	16.30	≤30.00	PASS
11G	Ant1	2437	16.80	≤30.00	PASS
116	Ant0	2437	16.56	≤30.00	PASS
	Ant1	2462	16.38	≤30.00	PASS
	Ant0	2462	16.58	≤30.00	PASS
	Ant1	2412	13.02	≤30.00	PASS
	Ant0	2412	13.48	≤30.00	PASS
	total	2412	16.27	≤30.00	PASS
	Ant1	2437	13.77	≤30.00	PASS
11N20MIMO	Ant0	2437	14.05	≤30.00	PASS
	total	2437	16.92	≤30.00	PASS
	Ant1	2462	13.38	≤30.00	PASS
	Ant0	2462	13.89	≤30.00	PASS
	total	2462	16.65	≤30.00	PASS
	Ant1	2422	14.90	≤30.00	PASS
	Ant0	2422	14.96	≤30.00	PASS
	total	2422	17.94	≤30.00	PASS
	Ant1	2437	14.90		PASS
11N40MIMO	Ant0	2437	15.08		PASS
	total	2437	18.00		PASS
	Ant1	2452	14.02		PASS
	Ant0	2452	13.90	≤30.00	PASS
	total	2452	16.97	≤30.00 ≤30.00	PASS
	Ant1	2412	13.59	≤30.00	PASS
	Ant0	2412	13.95		PASS
	total	2412	16.78	≤30.00	PASS
	Ant1	2437	14.13	≤30.00	PASS
11AX20MIMO	Ant0	2437	14.51		PASS
	total	2437	17.33		PASS
	Ant1	2462	13.83		PASS
	Ant0	2462	14.60		PASS
	total	2462	17.24		PASS
	Ant1	2422	14.26		PASS
	Ant0	2422	14.37		PASS
	total	2422	17.33		PASS
	Ant1	2437	14.43		PASS
11AX40MIMO	Ant0	2437	14.56		PASS
	total	2437	17.51		PASS
	Ant1	2452	14.38		PASS
	Ant0	2452	14.39		PASS
	total	2452	17.40	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

^{2.} The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.



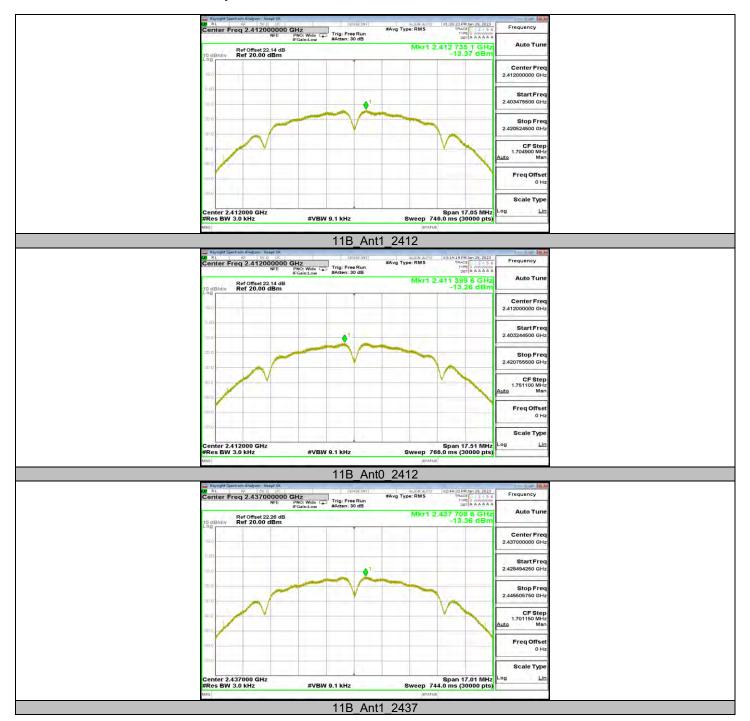
REPORT NO.: 4790686575.6-1-RF-1 Page 135 of 197

11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY 11.4.1. Test Result

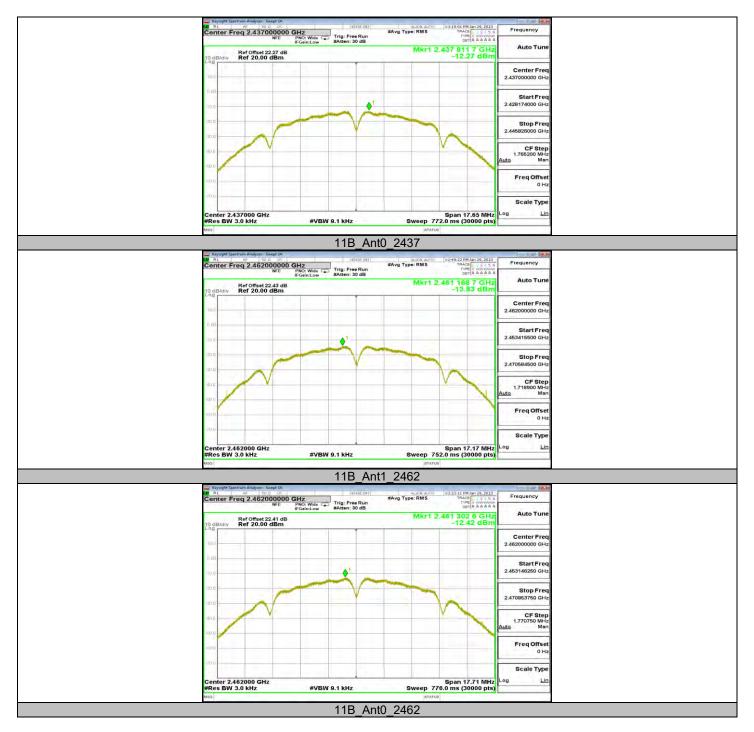
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
	Ant1	2412	-13.37	≤8.00	PASS
	Ant0	2412	-13.26	≤8.00	PASS
11B	Ant1	2437	-13.36	≤8.00	PASS
IID	Ant0	2437	-12.27	≤8.00	PASS
	Ant1	2462	-13.83	≤8.00	PASS
	Ant0	2462	-12.42	≤8.00	PASS
	Ant1	2412	-16.51	≤8.00	PASS
	Ant0	2412	-16.11	≤8.00	PASS
11G	Ant1	2437	-16.05	≤8.00	PASS
116	Ant0	2437	-15.77	≤8.00	PASS
	Ant1	2462	-16.40	≤8.00	PASS
	Ant0	2462	-16.02	7 ≤8.00 6 ≤8.00 7 ≤8.00 3 ≤8.00 2 ≤8.00 1 ≤8.00 5 ≤8.00 7 ≤8.00 6 ≤8.00 8 ≤8.00 8 ≤8.00 8 ≤8.00 8 ≤8.00 6 ≤8.00 6 ≤8.00 6 ≤8.00 3 ≤8.00 3 ≤8.00 3 ≤8.00 4 ≤8.00 5 ≤8.00 5 ≤8.00 2 ≤8.00 2 ≤8.00 2 ≤8.00 2 ≤8.00 2 ≤8.00 3 ≤8.00 5 ≤8.00 5 ≤8.00 5 ≤8.00 5 ≤8.00 5 ≤8.00 5 ≤8.00 5 ≤8.00 5 ≤8	PASS
	Ant1	2412	-19.17	≤8.00	PASS
	Ant0	2412	-18.78	≤8.00	PASS
	total	2412	-15.96		PASS
	Ant1	2437	-18.68	≤8.00	PASS
11N20MIMO	Ant0	2437	-18.36	≤8.00	PASS
	total	2437	-15.51	≤8.00	PASS
	Ant1	2462	-19.36	≤8.00	PASS
	Ant0	2462	-18.20	≤8.00	PASS
	total	2462	-15.73	≤8.00	PASS
	Ant1	2422	-18.43	≤8.00	PASS
	Ant0	2422	-19.26	≤8.00	PASS
	total	2422	-15.81	≤8.00	PASS
	Ant1	2437	-19.28	≤8.00	PASS
11N40MIMO	Ant0	2437	-18.89		PASS
	total	2437	-16.07	≤8.00	PASS
	Ant1	2452	-19.55	≤8.00	PASS
	Ant0	2452	-19.91	≤8.00	PASS
	total	2452	-16.72	≤8.00	PASS
	Ant1	2412	-18.72	≤8.00	PASS
	Ant0	2412	-18.15	≤8.00 ≤8.00	PASS
	total	2412	-15.42	≤8.00	PASS
	Ant1	2437	-18.12	≤8.00	PASS
11AX20MIMO	Ant0	2437	-17.56	≤8.00	PASS
	total	2437	-14.82		PASS
	Ant1	2462	-18.67	≤8.00	PASS
	Ant0	2462	-17.49	≤8.00	PASS
	total	2462	-15.03		PASS
	Ant1	2422	-20.66		PASS
	Ant0	2422	-16.45	≤8.00	PASS
ļ	total	2422	-15.05		PASS
ļ	Ant1	2437	-20.48		PASS
11AX40MIMO	Ant0	2437	-16.29		PASS
-	total	2437	-14.89		PASS
	Ant1	2452	-20.42		PASS
	Ant0	2452	-16.72		PASS
-	total	2452	-15.18		PASS



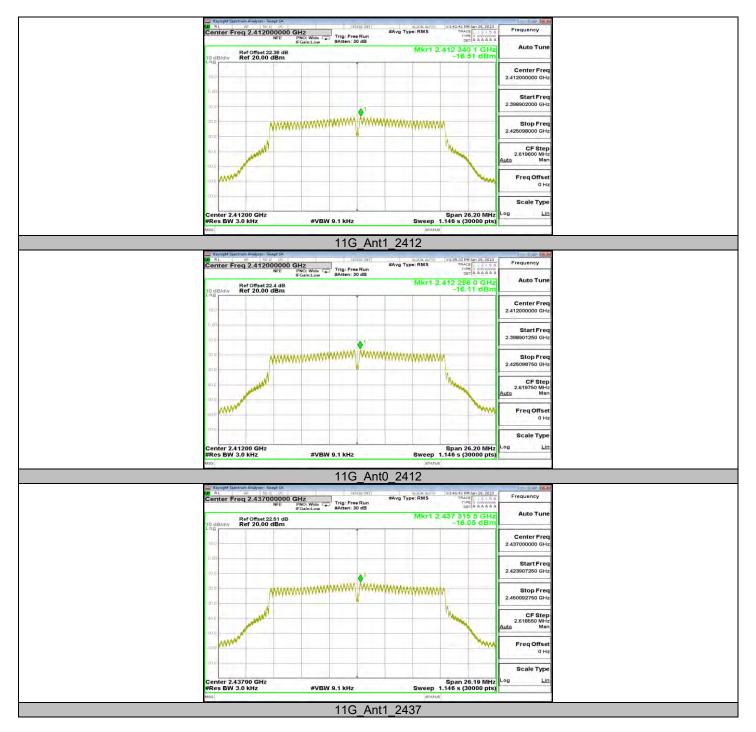
11.4.2. Test Graphs



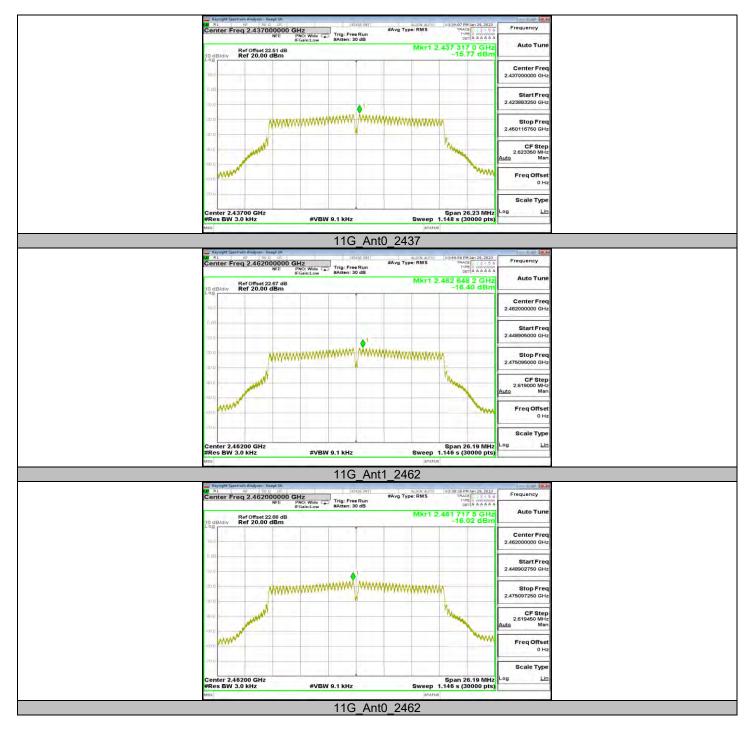




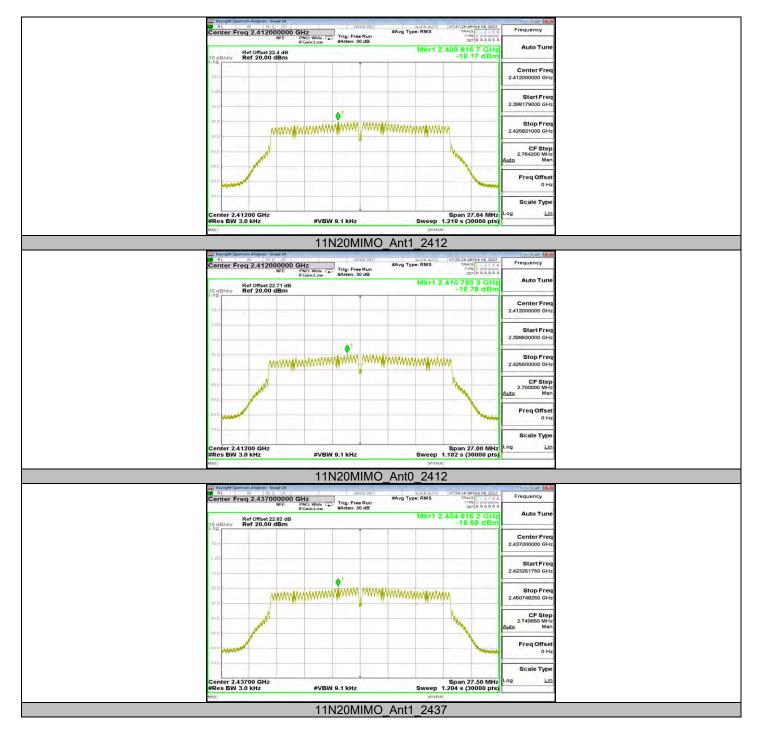




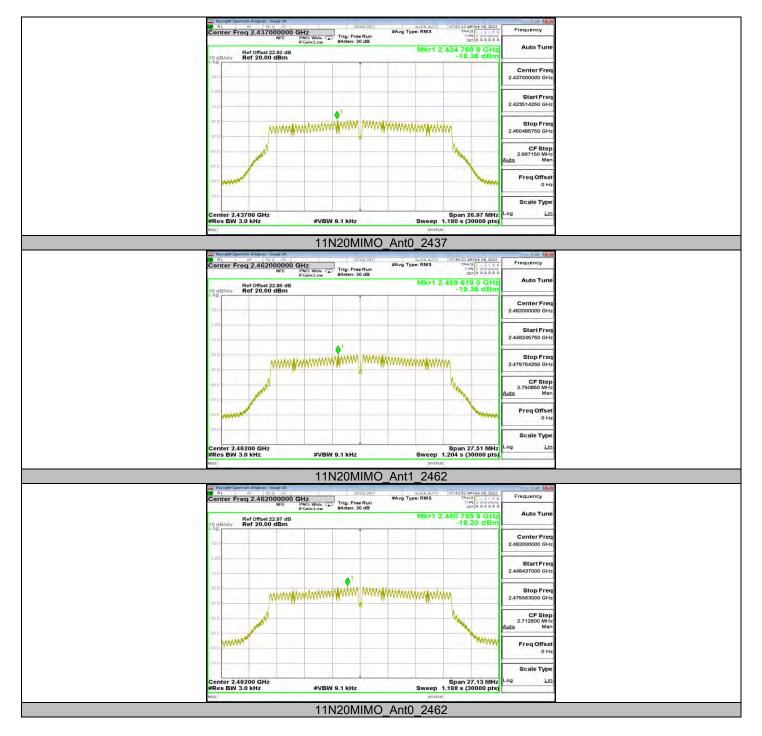




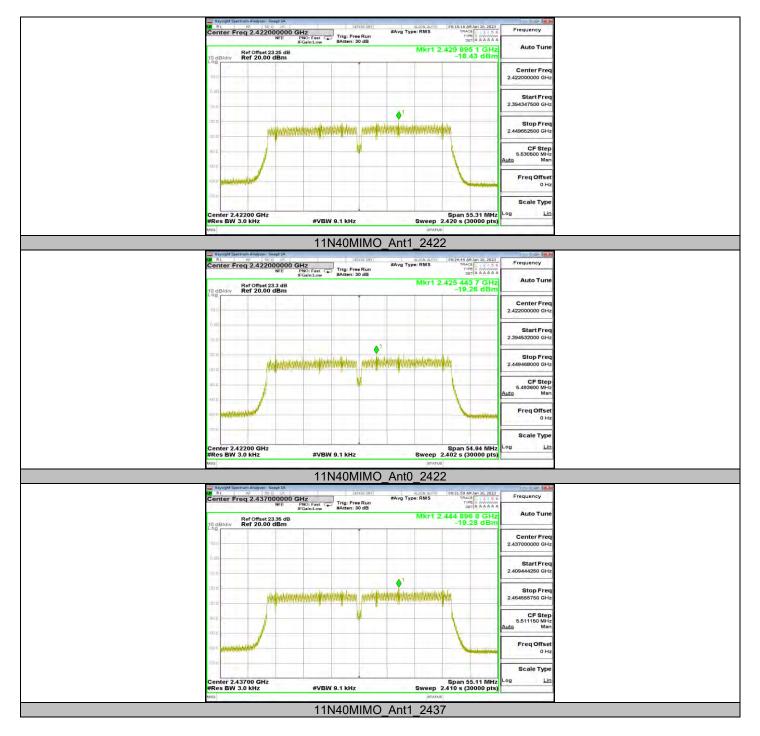




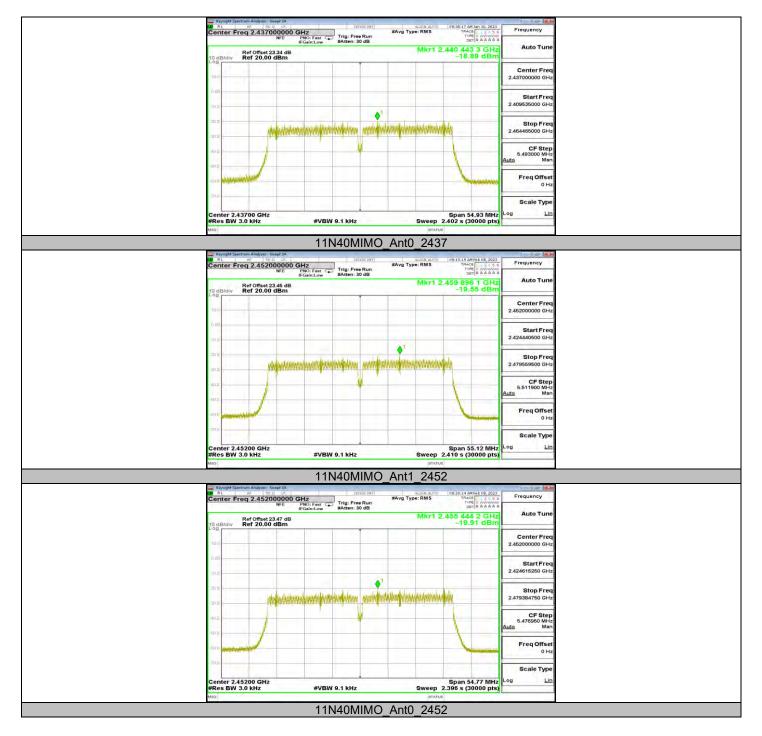




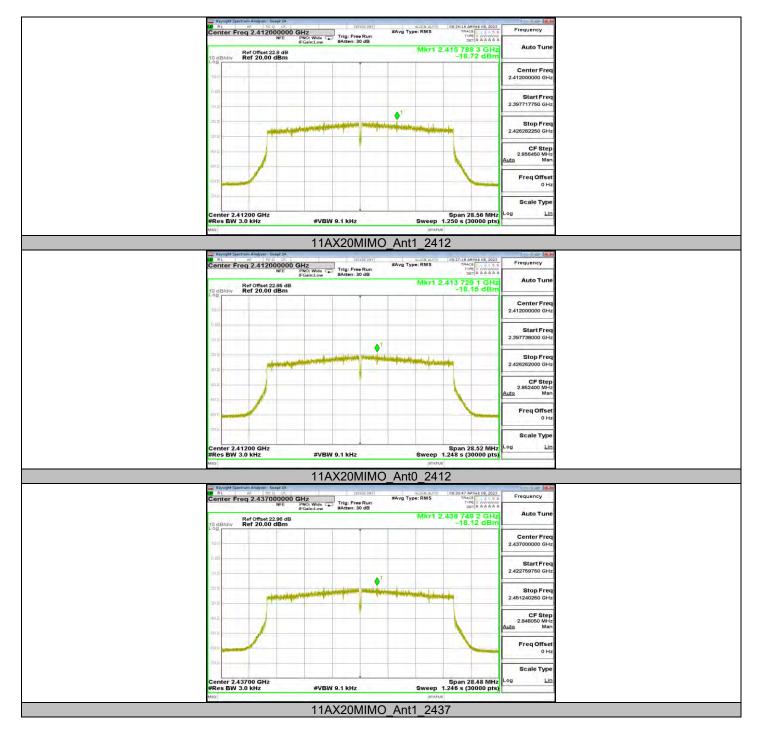




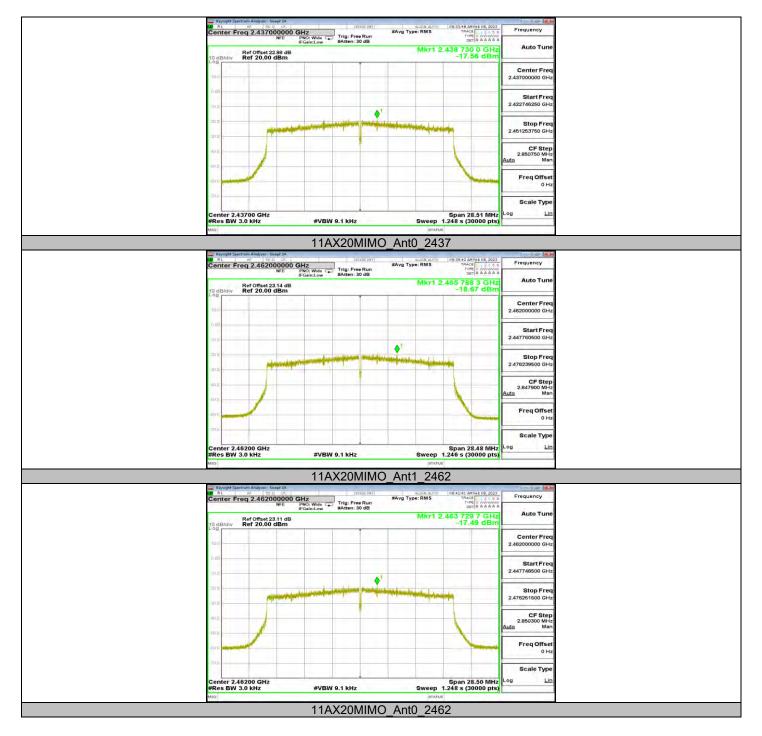




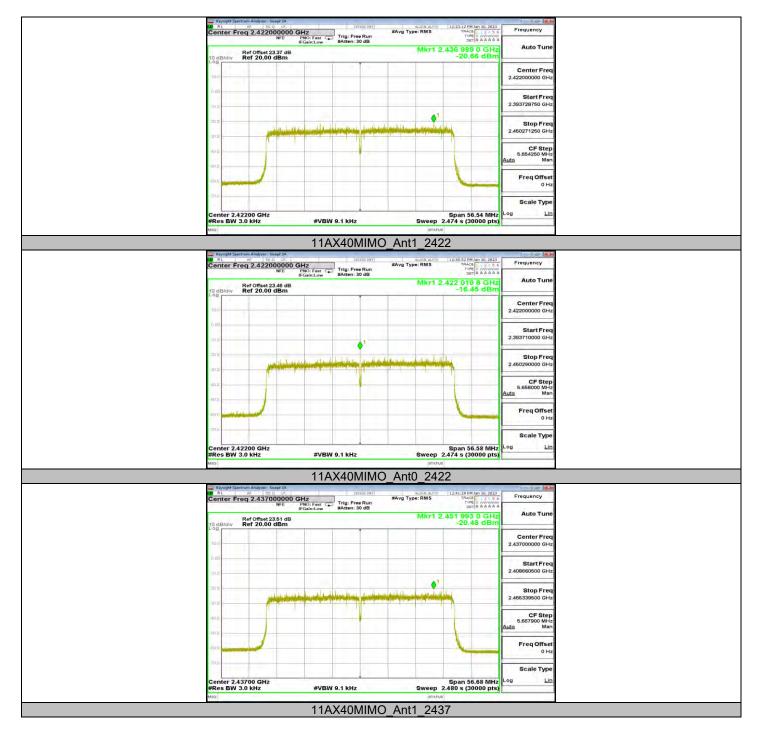




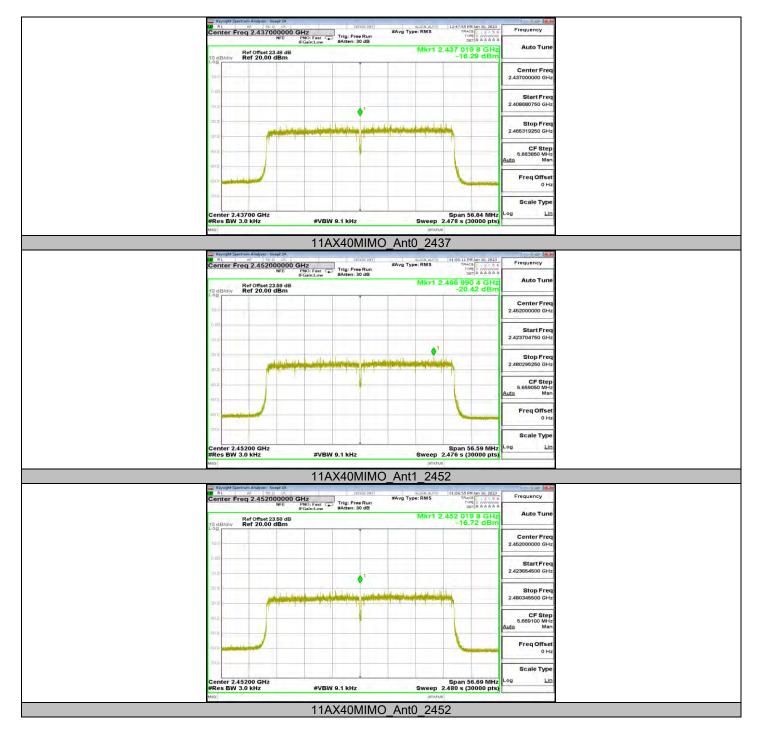














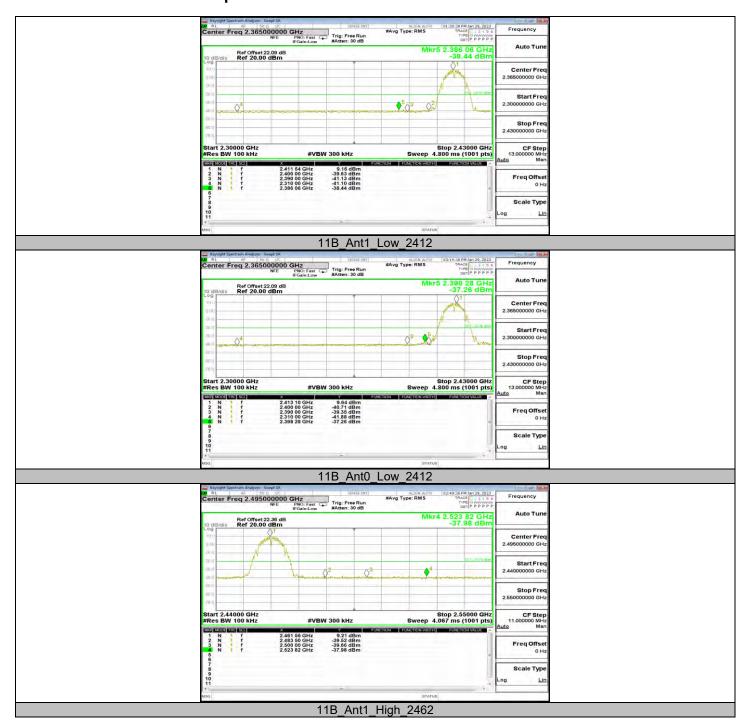
REPORT NO.: 4790686575.6-1-RF-1 Page 148 of 197

11.5. APPENDIX E: BAND EDGE MEASUREMENTS 11.5.1. Test Result

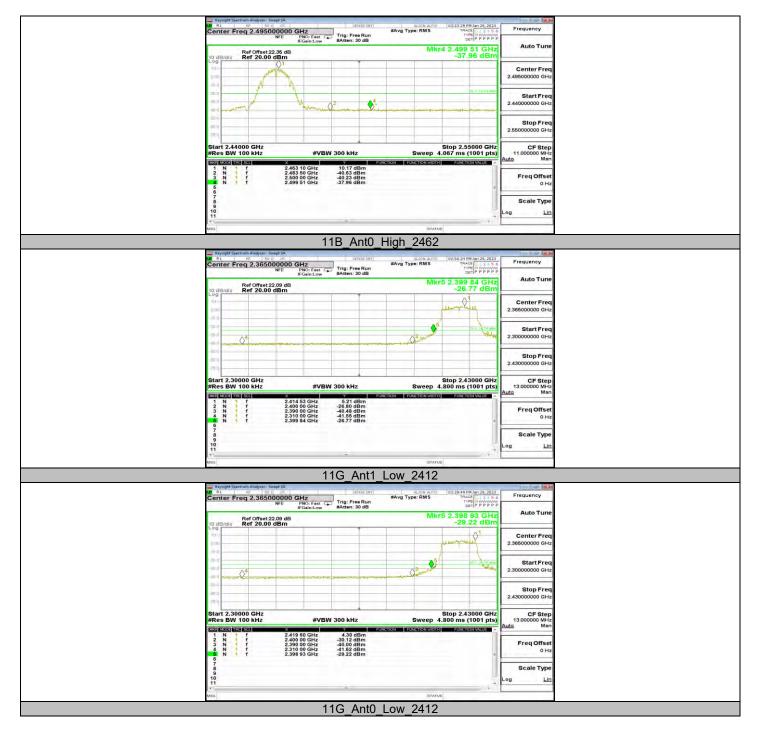
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
	Ant1	Low	2412	9.16	-38.44	≤-20.85	PASS
11B	Ant0	Low	2412	9.65	-37.26	≤-20.36	PASS
IIB	Ant1	High	2462	9.21	-37.98	≤-20.79	PASS
	Ant0	High	2462	10.17	-37.96	≤-19.83	PASS
	Ant1	Low	2412	5.21	-26.77	≤-24.79	PASS
11G	Ant0	Low	2412	4.30	-29.22	≤-25.7	PASS
116	Ant1	High	2462	5.14	-33.65	≤-24.86	PASS
	Ant0	High	2462	4.55	-33.74	≤-25.45	PASS
	Ant1	Low	2412	3.44	-30.98	≤-26.56	PASS
11N20MIMO	Ant0	Low	2412	4.88	-28.54	≤-25.12	PASS
I INZUMIMO	Ant1	High	2462	4.06	-36.08	≤-25.94	PASS
-	Ant0	High	2462	5.26	-30.74	≤-24.74	PASS
11N40MIMO	Ant1	Low	2422	0.28	-33.22	≤-29.72	PASS
	Ant0	Low	2422	0.81	-32.56	≤-29.19	PASS
	Ant1	High	2452	0.43	-36.67	≤-29.57	PASS
	Ant0	High	2452	0.58	-33.43	≤-29.42	PASS
	Ant1	Low	2412	4.29	-31.25	≤-25.71	PASS
11472011110	Ant0	Low	2412	4.80	-28.86	≤-25.2	PASS
11AX20MIMO	Ant1	High	2462	4.54	-36.07	≤-25.46	PASS
	Ant0	High	2462	5.35	-31.63	≤-24.65	PASS
	Ant1	Low	2422	-0.49	-35.75	≤-30.49	PASS
11AX40MIMO	Ant0	Low	2422	0.01	-34.47	≤-30	PASS
I IAA4UIVIIIVIU	Ant1	High	2452	-0.70	-36.44	≤-30.7	PASS
	Ant0	High	2452	-0.04	-35.94	≤-30.04	PASS



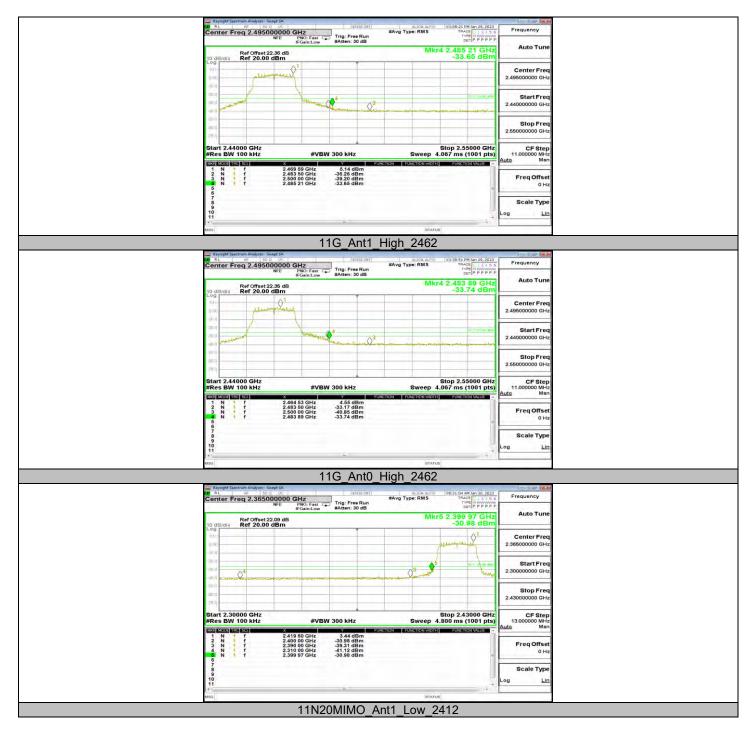
11.5.2. Test Graphs



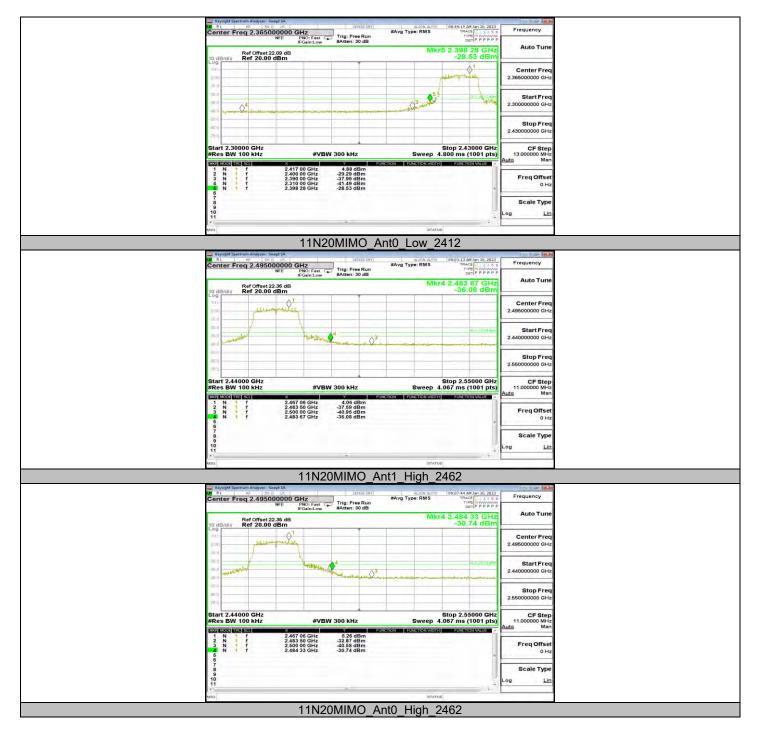




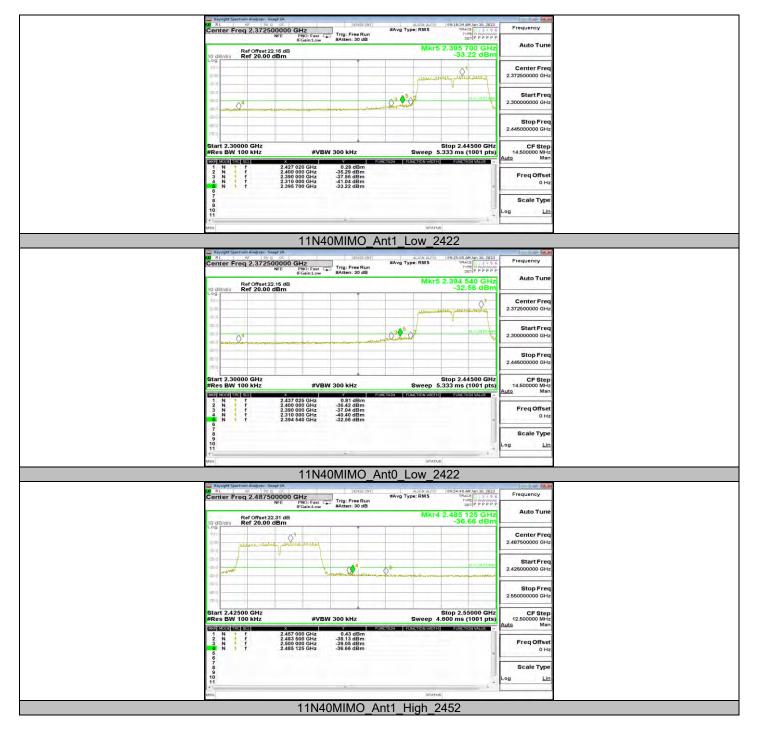




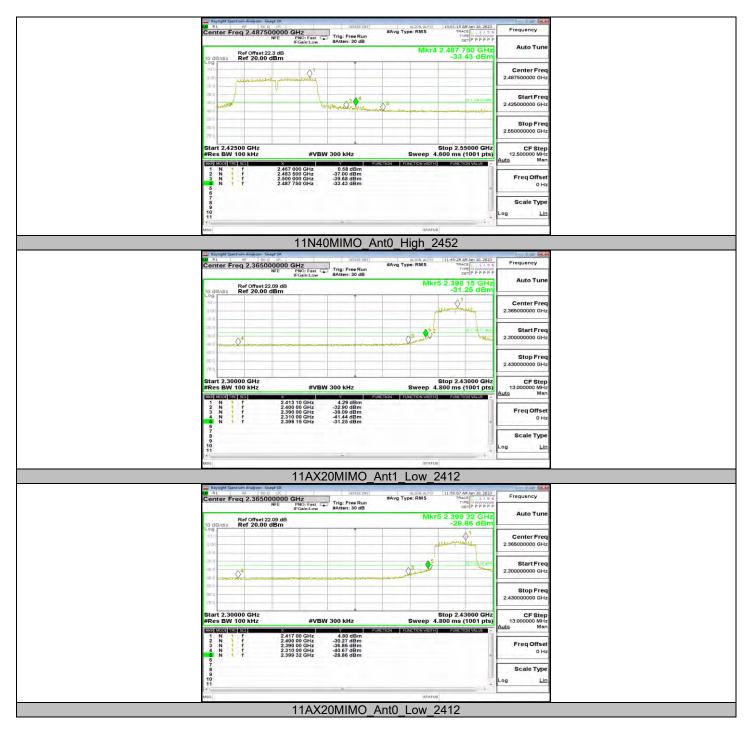




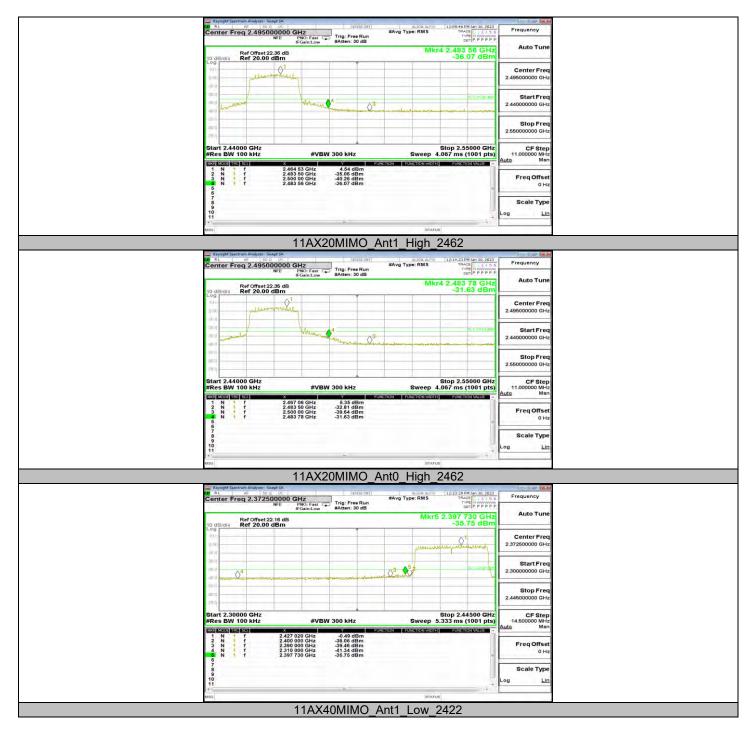




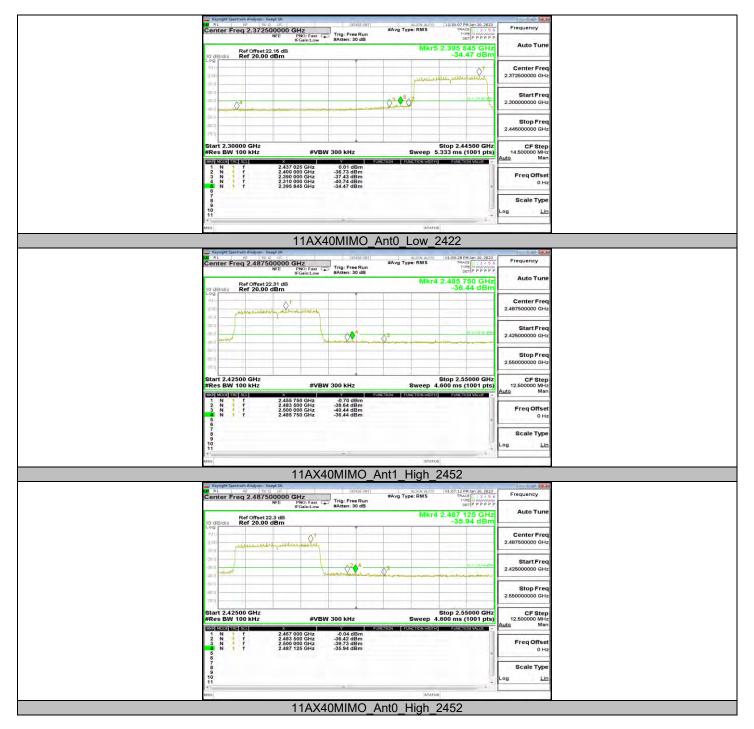














REPORT NO.: 4790686575.6-1-RF-1 Page 157 of 197

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION 11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
			Reference	9.08		PASS
	Ant1	2412	30~1000	-50.05	≤-20.92	PASS
			1000~26500	-41.99	≤-20.92	PASS
			Reference	9.68		PASS
	Ant0	2412	30~1000	-49.63	≤-20.32	PASS
			1000~26500	-42.1	≤-20.32	PASS
			Reference	9.75		PASS
	Ant1	2437	30~1000	-50.15	≤-20.25	PASS
11B			1000~26500	-41.49	≤-20.25	PASS
HD			Reference	10.29		PASS
	Ant0	2437	30~1000	-49.31	≤-19.71	PASS
			1000~26500	-41.48	≤-19.71	PASS
			Reference	9.46		PASS
	Ant1	2462	30~1000	-49.32	≤-20.54	PASS
			1000~26500	-41.5	≤-20.54	PASS
			Reference	10.33		PASS
	Ant0	2462	30~1000	-50.01	≤-19.67	PASS
			1000~26500	-41.66	≤-19.67	PASS
			Reference	5.25		PASS
	Ant1	2412	30~1000	-50	≤-24.75	PASS
			1000~26500	-41.83	≤-24.75	PASS
			Reference	4.33		PASS
	Ant0	2412	30~1000	-50.18	≤-25.67	PASS
			1000~26500	-41.93	≤-25.67	PASS
	Ant1	2437	Reference	5.66		PASS
			30~1000	-49.63	≤-24.34	PASS
440			1000~26500	-41.64	≤-24.34	PASS
11G	Ant0		Reference	4.33		PASS
		2437	30~1000	-49.94	≤-25.67	PASS
			1000~26500	-41.83	≤-25.67	PASS
			Reference	5.24		PASS
	Ant1	2462	30~1000	-49.56	≤-24.76	PASS
			1000~26500	-41.16	≤-24.76	PASS
			Reference	4.63		PASS
	Ant0	2462	30~1000	-49.57	≤-25.37	PASS
			1000~26500	-42.32	≤-25.37	PASS
			Reference	3.31		PASS
	Ant1	2412	30~1000	-50.17	≤-26.69	PASS
			1000~26500	-42.16	≤-26.69	PASS
		2412	Reference	4.91		PASS
	Ant0		30~1000	-50.36	≤-25.09	PASS
			1000~26500	-41.86	≤-25.09	PASS
	Ant1	2437	Reference	4.63		PASS
			30~1000	-49.52	≤-25.37	PASS
			1000~26500	-41.98	≤-25.37	PASS
11N20MIMO			Reference	5.10		PASS
	Ant0	2437	30~1000	-49.62	≤-24.9	PASS
		2.07	1000~26500	-41.44	<u>≤-24.9</u>	PASS
	Ant1		Reference	4.13	<u> </u>	PASS
		2462	30~1000	-49.11	≤-25.87	PASS
		2102	1000~26500	-41.42	≤-25.87	PASS
			Reference	5.24	<u></u>	PASS
	Ant0	2462	30~1000	-49.72	<u></u> ≤-24.76	PASS
	Alito	2402	1000~26500	-49.72 -42.13	≤-24.76 ≤-24.76	PASS
		1	1000-20000	-4 ∠.13	<u>∠4.</u> /U	LASS
			Deference	0.30		DVCC
11N40MIMO	Ant1	2422	Reference 30~1000	0.30 -49.88	 ≤-29.7	PASS PASS



			Reference	0.79		PASS
	Ant0	2422	30~1000	-49.68	≤-29.21	PASS
			1000~26500	-41.37	≤-29.21	PASS
			Reference	0.10	<u> </u>	PASS
	Ant1	2437	30~1000	-49.24	≤-29.9	PASS
	7 (11)	2437	1000~26500	-42.12	≤-29.9	PASS
			Reference 0.84	<u></u>	PASS	
	Ant0	2437	30~1000	-50.36	≤-29.16	PASS
	Anto	2401	1000~26500	-41.78	≤-29.16	PASS
			Reference	0.33	<u></u>	PASS
	Ant1	2452	30~1000	-50.21	≤-29.67	PASS
	Anti	2402	1000~26500	-40.61	≤-29.67	PASS
			Reference	0.57	<u></u>	PASS
	Ant0	2452	30~1000	-49.26	≤-29.43	PASS
	Anto	2432	1000~26500	-41.63	≤-29.43	PASS
			Reference	4.44	<u></u>	PASS
	Ant1	2412	30~1000	-50.28	<u></u> ≤-25.56	PASS
	Allti	2712	1000~26500	-41.29	≤-25.56	PASS
			Reference	4.82	≥-25.50 	PASS
	Ant0	2412	30~1000	-49.89	≤-25.18	PASS
	Anto		1000~26500	-41.6	≤-25.18	PASS
			Reference	4.97	<u></u>	PASS
	Ant1	2437	30~1000	-50.03	<u></u> ≤-25.03	PASS
		2437	1000~26500	-41.61	≤-25.03 ≤-25.03	PASS
11AX20MIMO			Reference	5.29	≥-25.05	PASS
	Ant0	2437	30~1000	-48.93	 ≤-24.71	PASS
			1000~26500			PASS
	Ant1	2462		-41.17	≤-24.71	PASS
			Reference	5.13		PASS
			30~1000 1000~26500	-49.53 -41.68	≤-24.87	PASS
	Ant0	2462			≤-24.87	PASS
			Reference	5.42		PASS
			30~1000 1000~26500	-49.5 -41.67	≤-24.58 ≤-24.58	PASS
						PASS
	A m+1	2422	Reference	-0.51 -49.15	 ≤-30.51	PASS
	Ant1	2422	30~1000 1000~26500	-49.15 -42.27		PASS
					≤-30.51	
	Ant0	2422	Reference	0.05		PASS
			30~1000	-49.95	≤-29.95	PASS
			1000~26500	-41.88	≤-29.95	PASS
	Ant1	0.407	Reference	-0.63		PASS
		2437	30~1000	-49.56	≤-30.63	PASS
11AX40MIMO			1000~26500	-42.05	≤-30.63	PASS
-	Ant0 24	0.407	Reference	0.08		PASS
		2437	30~1000	-49.69	≤-29.92	PASS
		-	1000~26500	-42.11	≤-29.92	PASS
		0.1-0	Reference	-0.70		PASS
	Ant1	2452	30~1000	-49.4	≤-30.7	PASS
			1000~26500	-41.42	≤-30.7	PASS
		0.450	Reference	-0.01		PASS
	Ant0	2452	30~1000	-49.7	≤-30.01	PASS
			1000~26500	-41.96	≤-30.01	PASS



11.6.2. Test Graphs

