

























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		PASS
11B	Ant1	2437	17.13		PASS
110	Ant0	2437	18.05		PASS
	Ant1	2462	16.87		PASS
	Ant0	2462	18.11		PASS
	Ant1	2412	16.28		PASS
	Ant0	2412	16.30		PASS
11G	Ant1	2437	16.80		PASS
110	Ant0	2437	16.56		PASS
	Ant1	2462	16.38		PASS
	Ant0	2462	16.58		PASS
	Ant1	2412	13.02	≤30.00 ≤30.00	PASS
	Ant0	2412	13.48		PASS
	total	2412	16.27		PASS
	Ant1	2437	13.77		PASS
11N20MIMO	Ant0	2437	14.05		PASS
	total	2437	16.92		PASS
	Ant1	2462	13.38		PASS
	Ant0	2462	13.89		PASS
	total	2462	16.65	≤30.00	PASS
	Ant1	2422	14.90		PASS
	Ant0	2422	14.96		PASS
	total	2422	17.94		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		PASS
	total	2452	16.97	≤30.00 ≤30.00	PASS
	Ant1	2412	13.59		PASS
	Ant0	2412	13.95		PASS
	total	2412	16.78		PASS
	Ant1	2437	14.13		PASS
11AX20MIMO	Ant0	2437	14.51		PASS
	total	2437	17.33		PASS
	Ant1	2462	13.83	≤30.00	PASS
	Ant0	2462	14.60		PASS
	total	2462	17.24	≤30.00	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	≤30.00	PASS
Ī	Ant1	2452	14.38	≤30.00	PASS
	Ant0	2452	14.39	≤30.00	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.



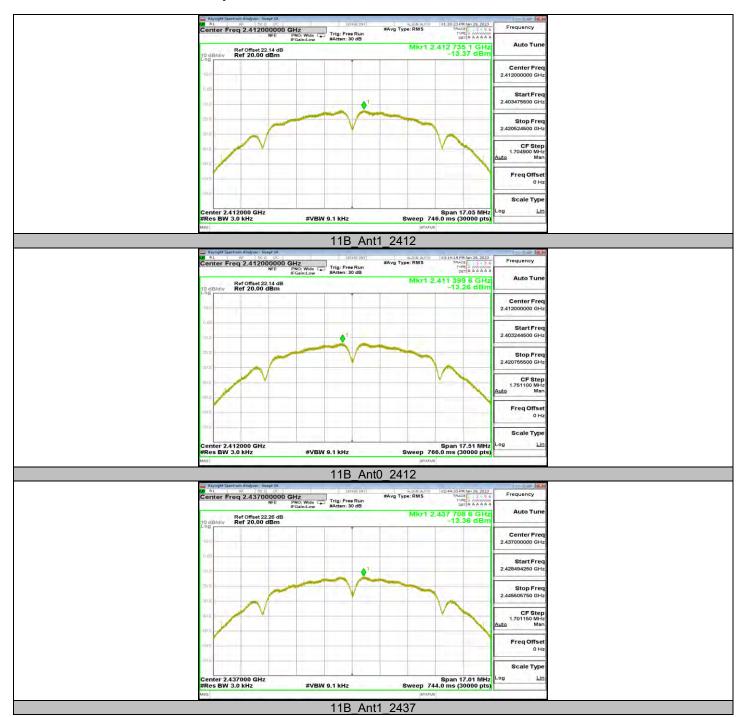
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11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY 11.4.1. Test Result

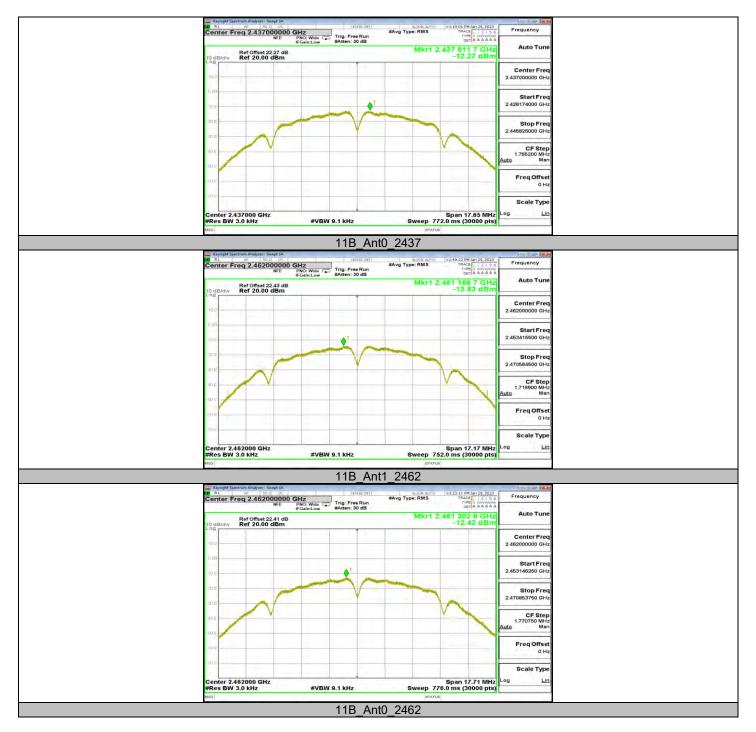
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
	Ant1	2412	-13.37	≤8.00	PASS
	Ant0	2412	-13.26	≤8.00	PASS
11B	Ant1	2437	-13.36	≤8.00	PASS
IID	Ant0	2437	-12.27	≤8.00	PASS
	Ant1	2462	-13.83	≤8.00	PASS
	Ant0		-12.42	≤8.00 ≤8.00	PASS
	Ant1		-16.51	≤8.00	PASS
	Ant0		-16.11	≤8.00	PASS
11G	Ant1		-16.05	5 ≤8.00 7 ≤8.00 0 ≤8.00 2 ≤8.00 7 ≤8.00 8 ≤8.00 6 ≤8.00 6 ≤8.00 6 ≤8.00 6 ≤8.00 6 ≤8.00 6 ≤8.00 3 ≤8.00 3 ≤8.00 6 ≤8.00 1 ≤8.00 6 ≤8.00 1 ≤8.00 8 ≤8.00 9 ≤8.00 7 ≤8.00 5 ≤8.00	PASS
110				≤8.00	PASS
	Ant1				PASS
	Ant0 2462 -12.42 ≤8.0 Ant1 2412 -16.51 ≤8.0 Ant0 2412 -16.11 ≤8.0 Ant1 2437 -16.05 ≤8.0 Ant0 2437 -15.77 ≤8.0 Ant1 2462 -16.00 ≤8.0 Ant0 2462 -16.02 ≤8.0 Ant1 2412 -19.17 ≤8.0 Ant0 2412 -18.78 ≤8.0 Ant1 2412 -15.96 ≤8.0 Ant1 2437 -18.68 ≤8.0 Ant1 2437 -18.68 ≤8.0 Ant0 2437 -15.51 ≤8.0 Ant1 2462 -19.36 ≤8.0 Ant1 2462 -19.36 ≤8.0 Ant0 2462 -18.20 ≤8.0 Ant1 2462 -18.20 ≤8.0 Ant1 2422 -18.43 ≤8.0 Ant1 2422 -18.43 ≤8.0 Ant1 2437 -19.26 ≤8.0	≤8.00	PASS		
				≤8.00	PASS
	Ant0	2412			PASS
					PASS
					PASS
11N20MIMO	Ant0				PASS
			-15.51	≤8.00	PASS
	Ant1			≤8.00	PASS
	Ant0			≤8.00	PASS
					PASS
				≤8.00	PASS
	Ant0	2422	-19.26	≤8.00	PASS
	total		-15.81	≤8.00	PASS
			-19.28		PASS
11N40MIMO					PASS
					PASS
					PASS
	Ant0				PASS
		2452		≤8.00 ≤8.00	PASS
					PASS
	Ant0				PASS
					PASS
					PASS
11AX20MIMO	Ant0	2437	-17.56		PASS
	total	2437	-14.82		PASS
	Ant1	2462	-18.67		PASS
	Ant0	2462	-17.49		PASS
	total	2462	-15.03	≤8.00	PASS
	Ant1	2422	-20.66		PASS
	Ant0	2422	-16.45		PASS
	total	2422	-15.05		PASS
	Ant1	2437	-20.48		PASS
11AX40MIMO	Ant0	2437	-16.29	≤8.00	PASS
	total	2437	-14.89		PASS
	Ant1	2452	-20.42	≤8.00	PASS
	Ant0	2452	-16.72	≤8.00	PASS
	total	2452	-15.18	≤8.00	PASS



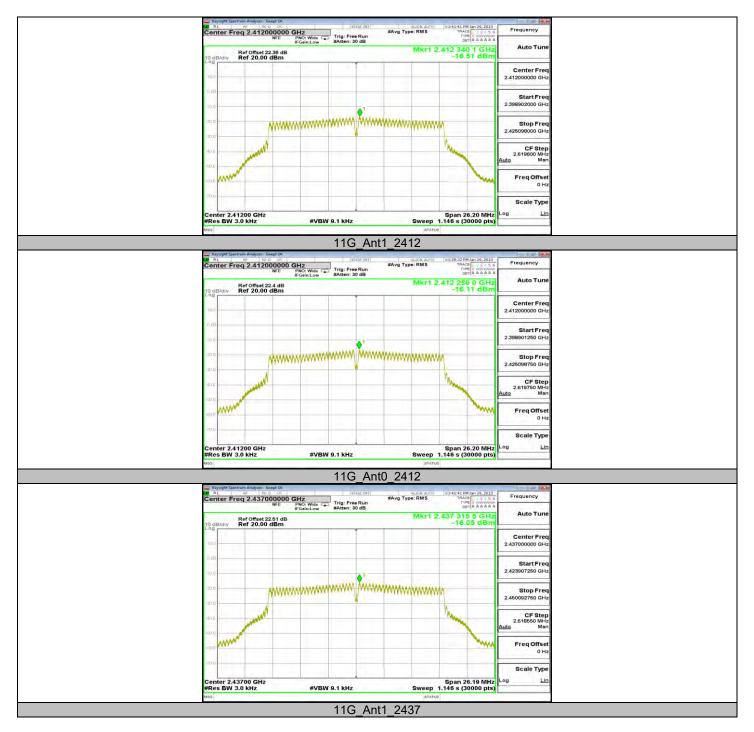
11.4.2. Test Graphs



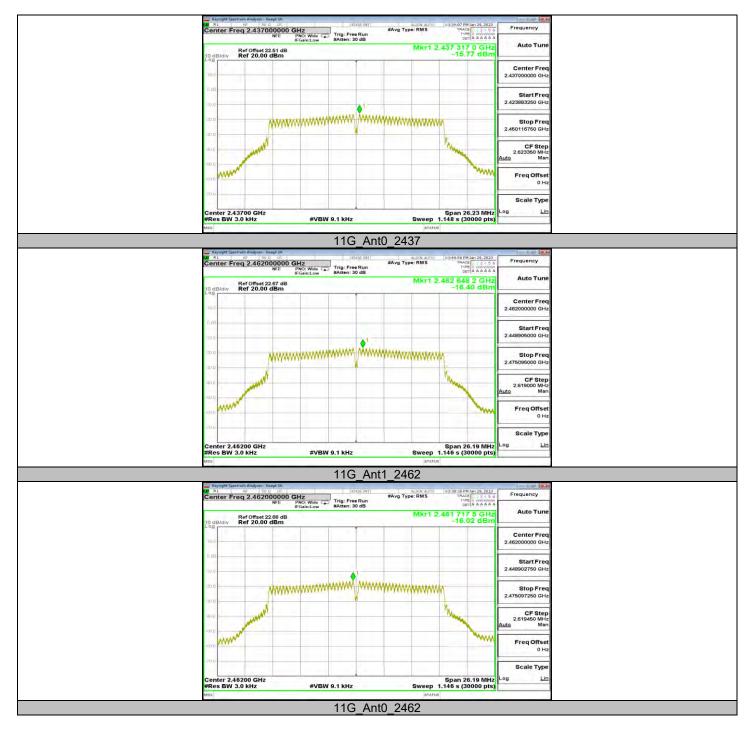




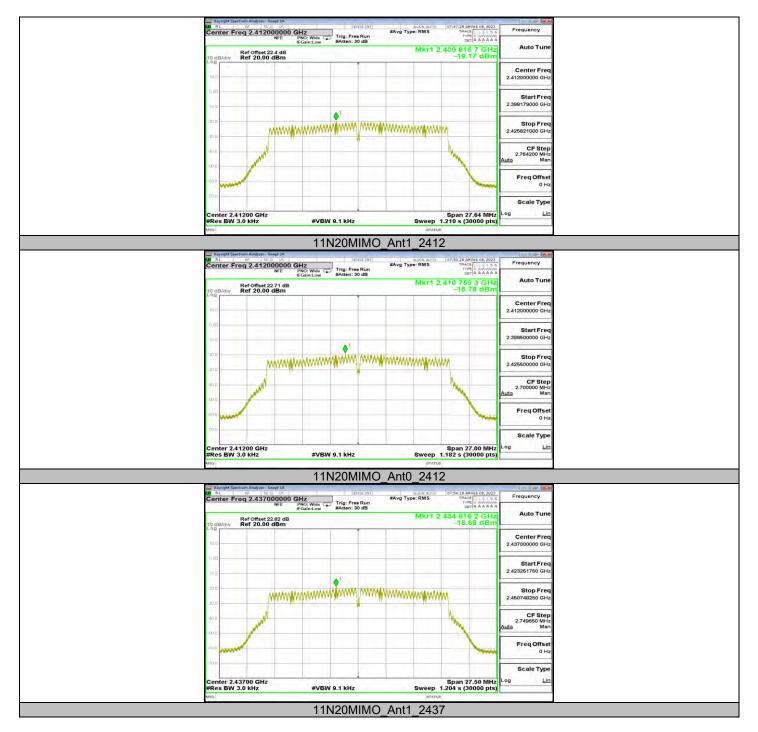




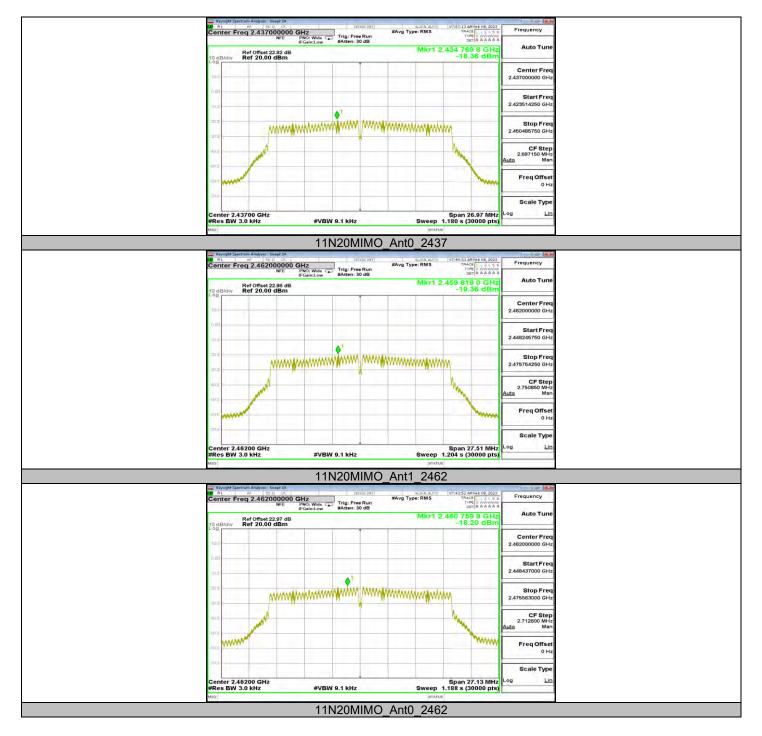




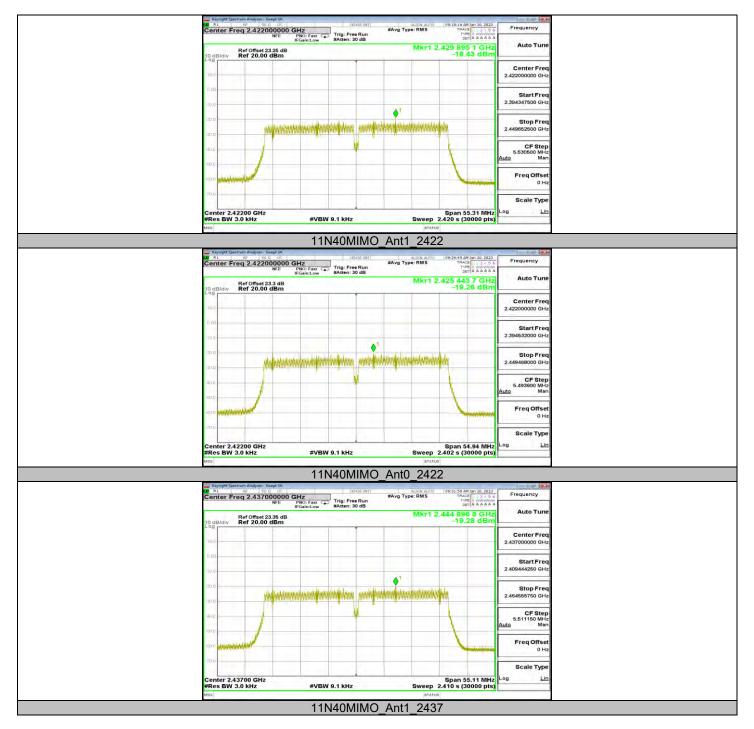




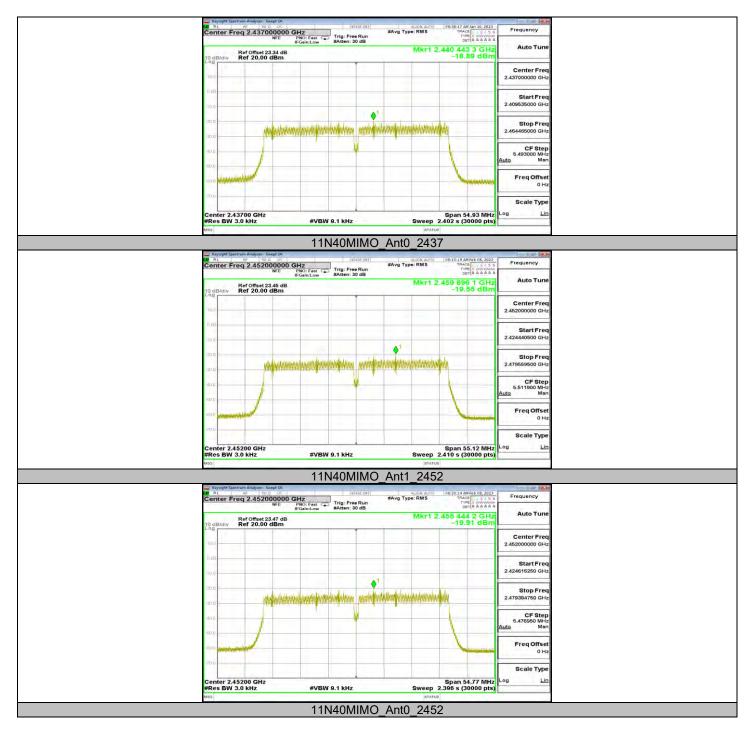




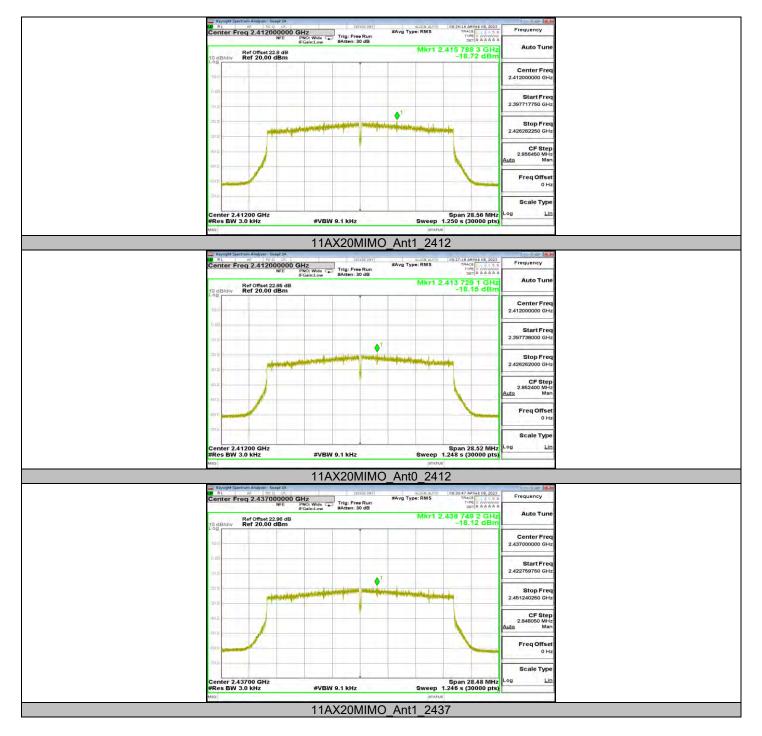




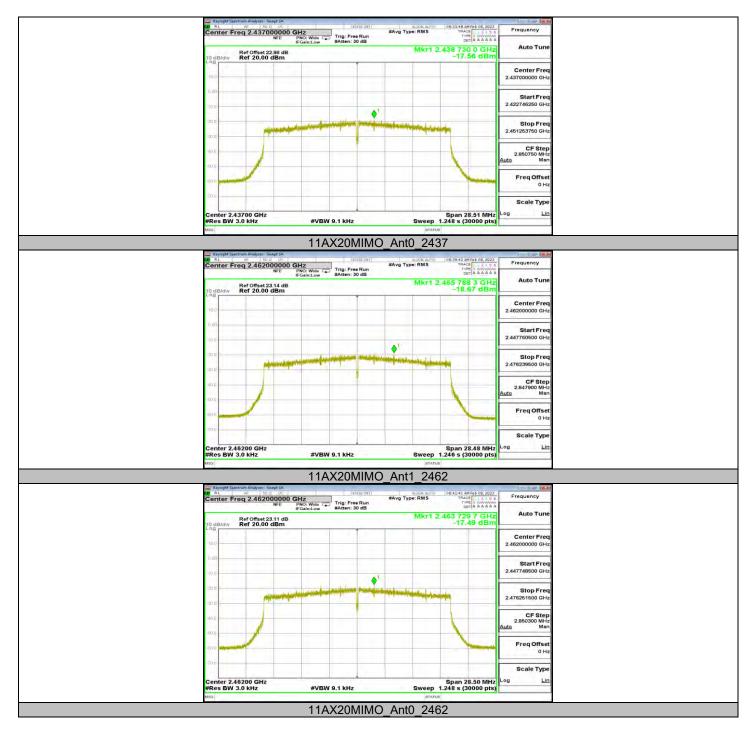




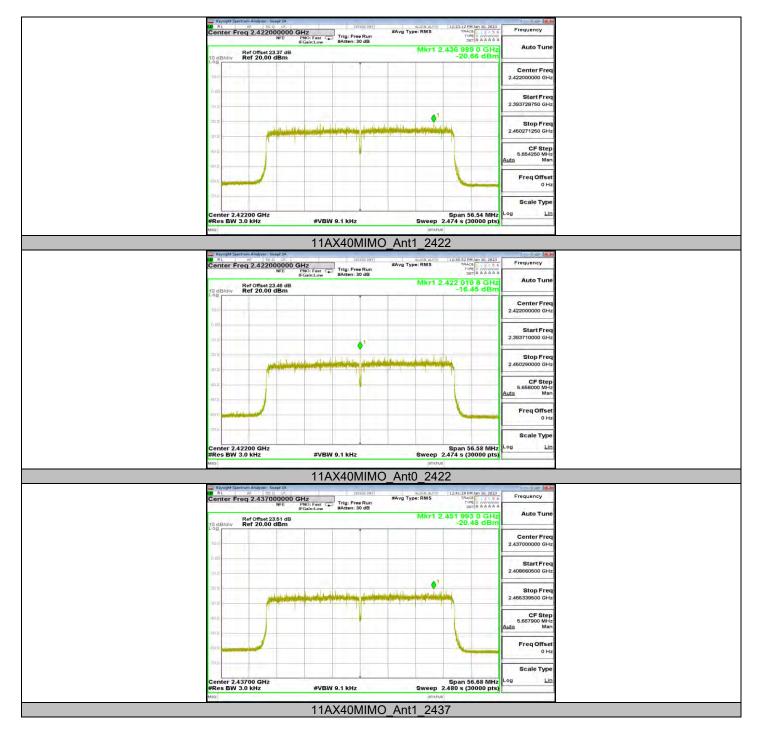




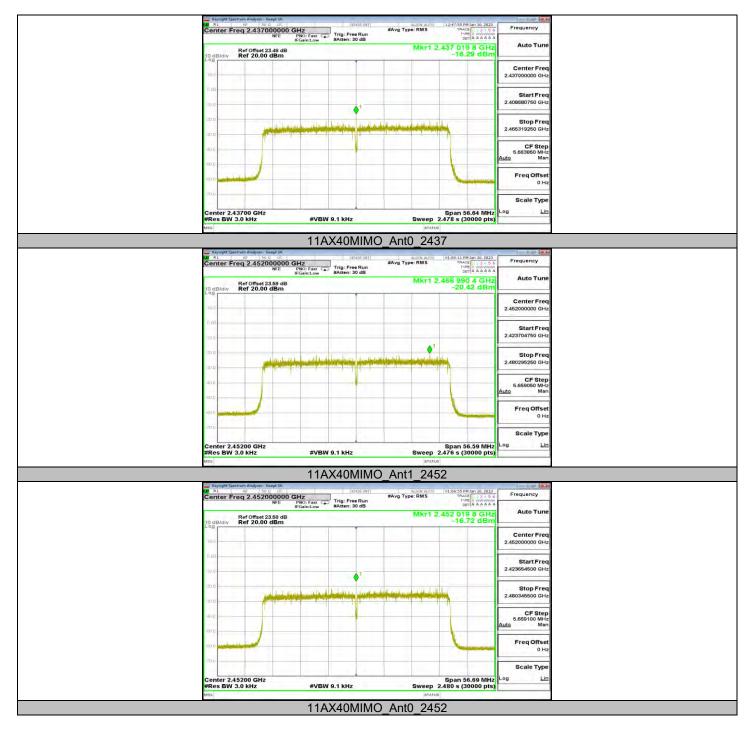














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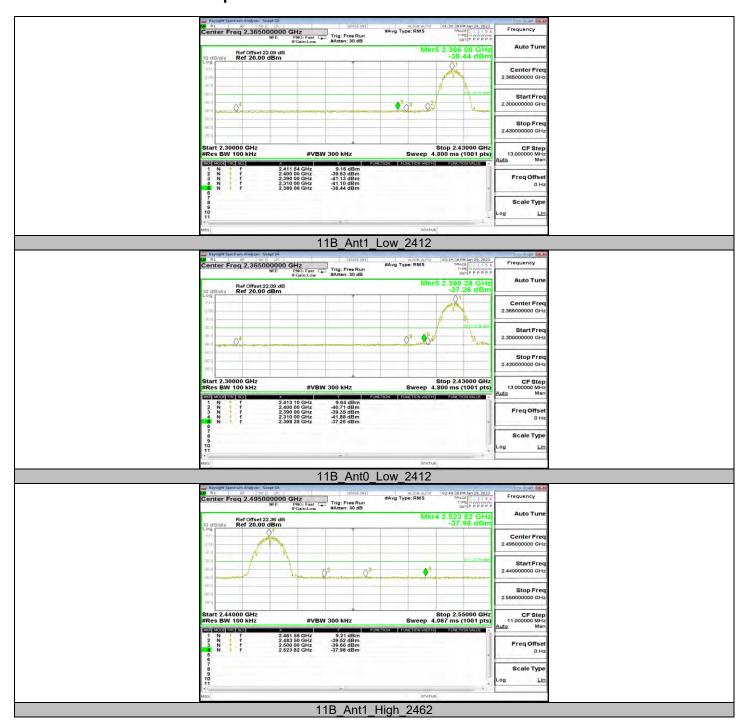
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11.5. APPENDIX E: BAND EDGE MEASUREMENTS 11.5.1. **Test Result**

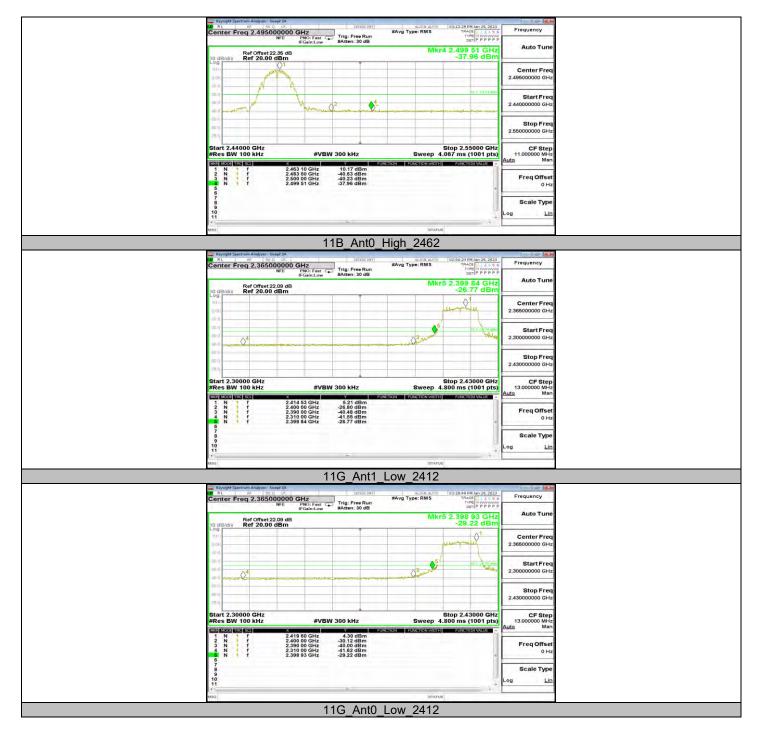
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
14D	Ant1	Low	2412	9.16	-38.44	≤-20.85	PASS
	Ant0	Low	2412	9.65	-37.26	≤-20.36	PASS
11B	Ant1	High	2462	9.21	-37.98	≤-20.79	PASS
-	Ant0	High	2462	10.17	-37.96	≤-19.83	PASS
	Ant1	Low	2412	5.21	-26.77	≤-24.79	PASS
11G	Ant0	Low	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
1 TINZUIVIIVIO	Ant1	High	2462	4.06	-36.08	≤-25.94	PASS
-	Ant0	High	2462	5.26	-30.74	≤-24.74	PASS
	Ant1	Low	2422	0.28	-33.22	≤-29.72	PASS
11N40MIMO	Ant0	Low	2422	0.81	-32.56	≤-29.19	PASS
1 TN40WIIWO	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
4447004140	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



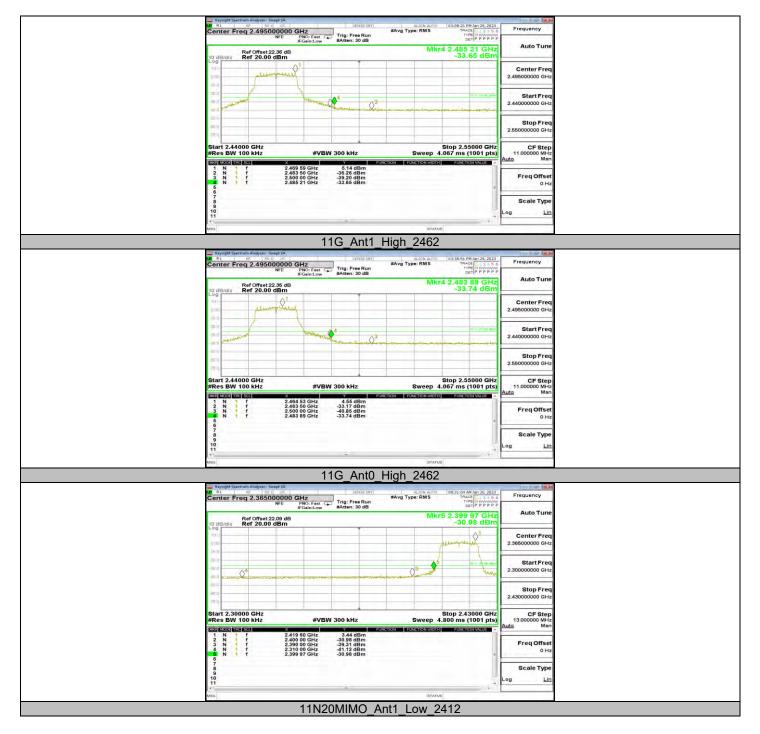
11.5.2. Test Graphs



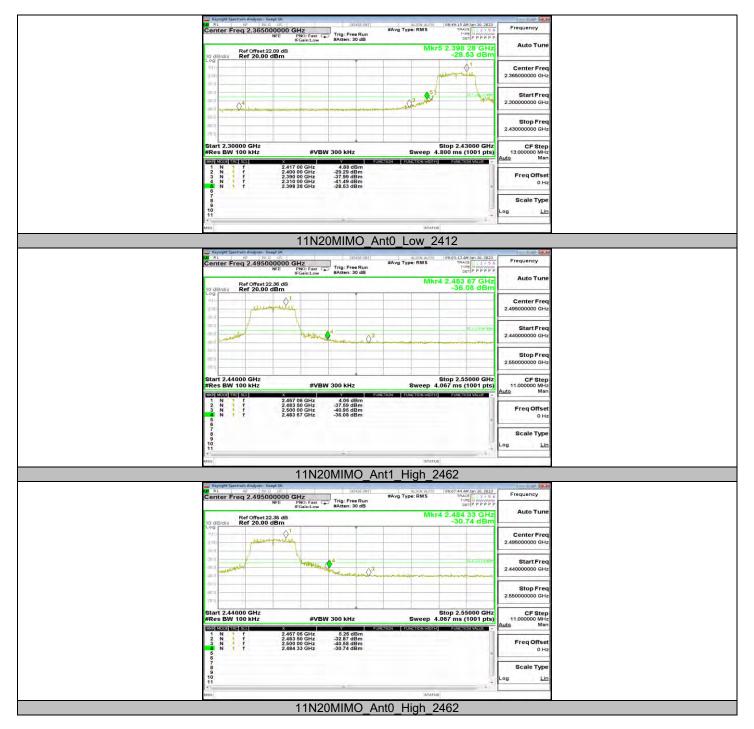




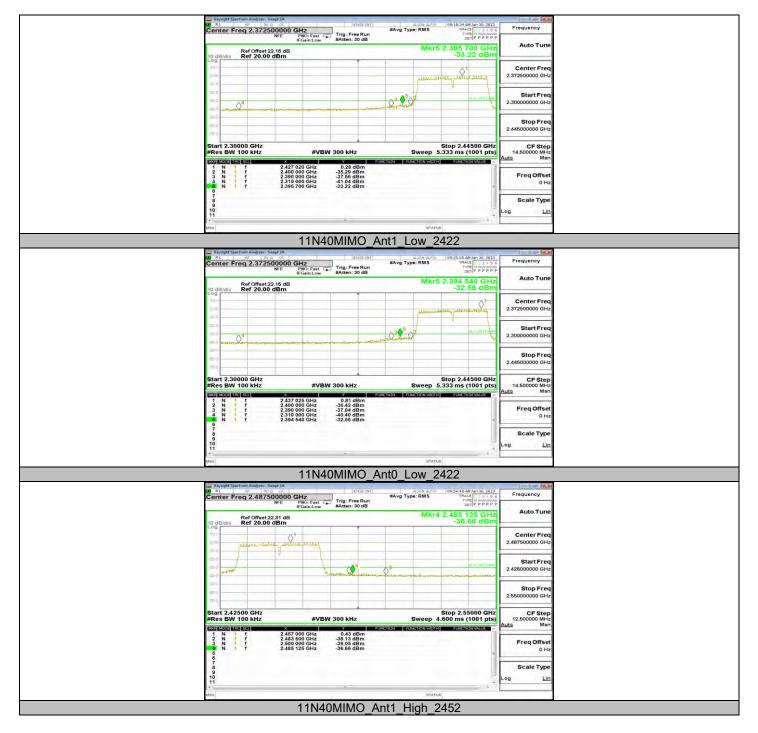




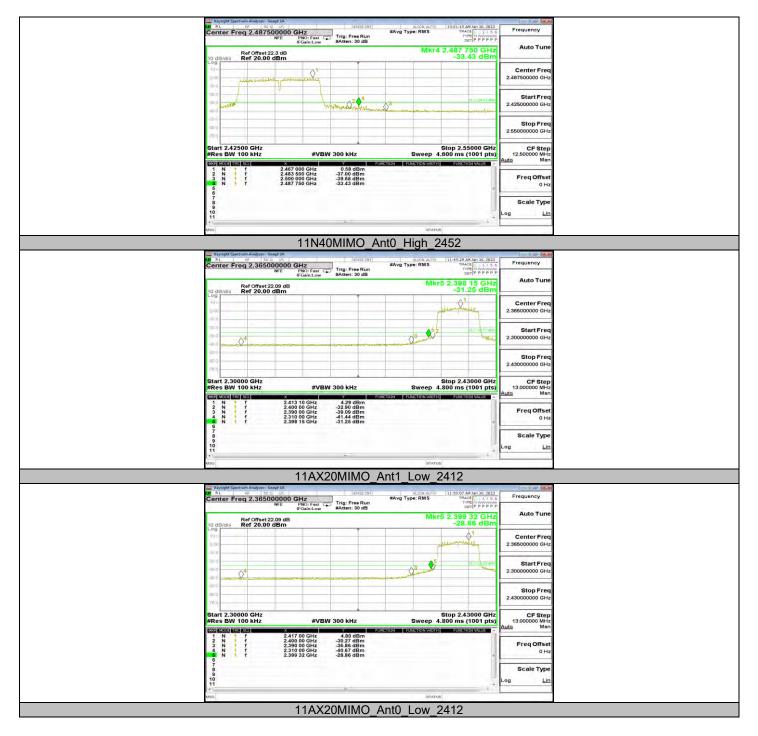




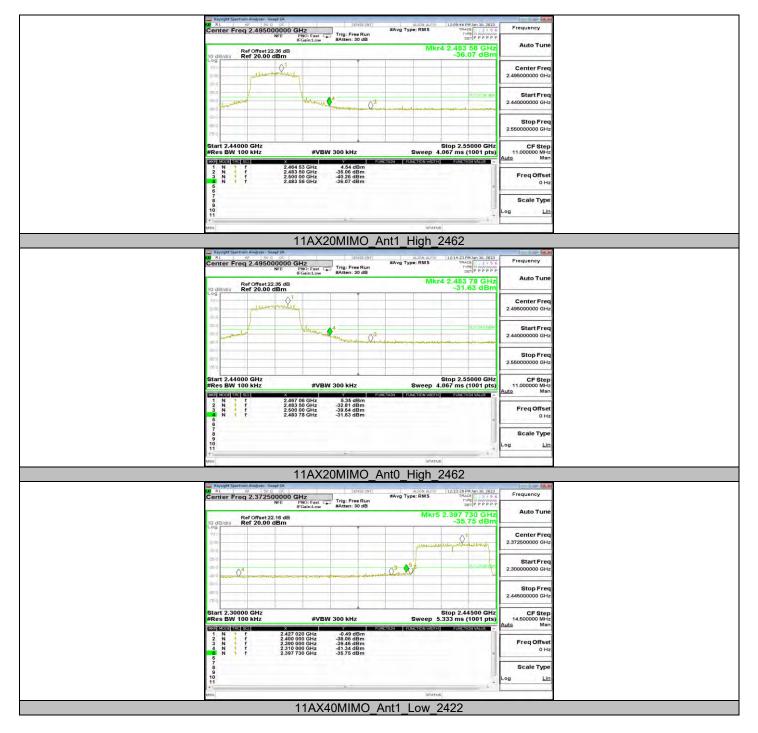




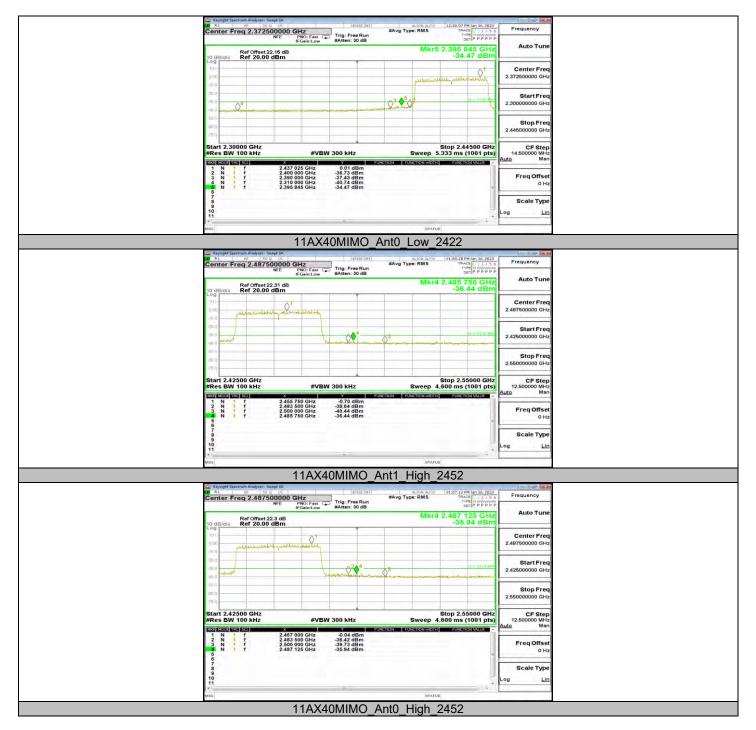














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11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION 11.6.1. Test Result

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
		2462	Reference	4.63		PASS
	Ant0		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
	Ant0	2412	Reference	4.91		PASS
			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	Ant0 24		Reference	5.10		PASS
		2437	30~1000	-49.62	≤-24.9	PASS
		2.07	1000~26500	-41.44	<u>≤-24.9</u>	PASS
	Ant1 2		Reference	4.13	<u> </u>	PASS
		2462	30~1000	-49.11	≤-25.87	PASS
		2102	1000~26500	-41.42	≤-25.87	PASS
	Ant0		Reference	5.24	<u></u>	PASS
		2462	30~1000	-49.72	<u></u> ≤-24.76	PASS
	AIIU	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



	1	1	Deference	0.70		DACC
	Ant0	2422	Reference	0.79	 < 00.04	PASS
			30~1000	-49.68	≤-29.21	PASS
			1000~26500	-41.37	≤-29.21	PASS
	A 14	0.407	Reference	0.10		PASS
	Ant1	2437	30~1000	-49.24	≤-29.9	PASS
			1000~26500	-42.12	≤-29.9	PASS
		0.407	Reference	0.84		PASS
	Ant0	2437	30~1000	-50.36	≤-29.16	PASS
			1000~26500	-41.78	≤-29.16	PASS
			Reference	0.33		PASS
	Ant1	2452	30~1000	-50.21	≤-29.67	PASS
			1000~26500	-40.61	≤-29.67	PASS
			Reference	0.57		PASS
	Ant0	2452	30~1000	-49.26	≤-29.43	PASS
			1000~26500	-41.63	≤-29.43	PASS
			Reference	4.44		PASS
	Ant1	2412	30~1000	-50.28	≤-25.56	PASS
			1000~26500	-41.29	≤-25.56	PASS
			Reference	4.82		PASS
	Ant0	2412	30~1000	-49.89	≤-25.18	PASS
			1000~26500	-41.6	≤-25.18	PASS
			Reference	4.97		PASS
	Ant1	2437	30~1000	-50.03	≤-25.03	PASS
4.4.4.1/000.418.40			1000~26500	-41.61	≤-25.03	PASS
11AX20MIMO	Ant0	2437	Reference	5.29		PASS
			30~1000	-48.93	≤-24.71	PASS
			1000~26500	-41.17	≤-24.71	PASS
	Ant1		Reference	5.13		PASS
		2462	30~1000	-49.53	≤-24.87	PASS
			1000~26500	-41.68	≤-24.87	PASS
	Ant0	2462	Reference	5.42		PASS
			30~1000	-49.5	≤-24.58	PASS
			1000~26500	-41.67	<u>≤-24.58</u>	PASS
			Reference	-0.51		PASS
	Ant1	2422	30~1000	-49.15	≤-30.51	PASS
			1000~26500	-42.27	≤-30.51 ≤-30.51	PASS
			Reference	0.05	<u></u>	PASS
	Ant0	2422	30~1000	-49.95	<u></u> ≤-29.95	PASS
			1000~26500			
				-41.88	≤-29.95	PASS
	Ant1	2427	Reference	-0.63	 < 20.60	PASS
		2437	30~1000	-49.56	≤-30.63	PASS
11AX40MIMO			1000~26500	-42.05	≤-30.63	PASS
	Ant0 2437	0.407	Reference	0.08		PASS
		2437	30~1000	-49.69	≤-29.92	PASS
			1000~26500	-42.11	≤-29.92	PASS
			Reference	-0.70		PASS
	Ant1	2452	30~1000	-49.4	≤-30.7	PASS
			1000~26500	-41.42	≤-30.7	PASS
			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

