

Appendix Test Data

Report No.:	1812C50391512503	Test Sample No.:	1-2-2
Start Test Date:	2025-8-7	Finish Test Date:	2025-8-15
Test Engineer:	dylan. Ma	Auditor:	Justin Feng
Temperature:	25.9℃	Relative Humidity:	58%
Pressure:	101kPa		

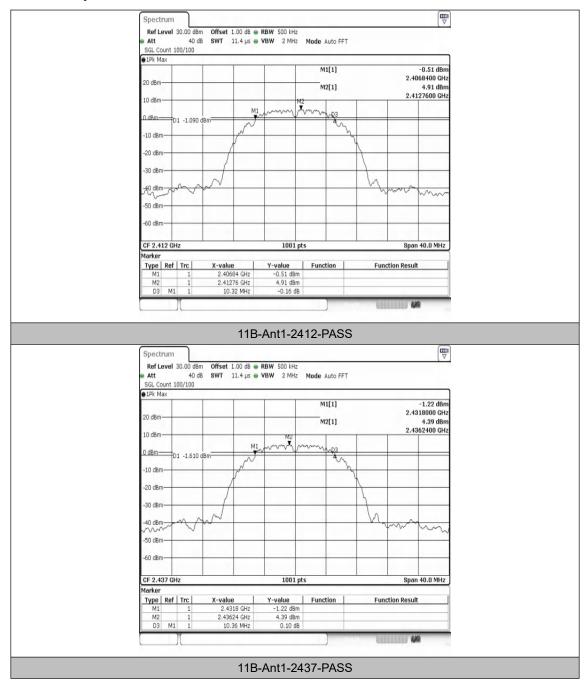
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.32	2406.84	2417.16	0.5	PASS
11B	Ant1	2437	10.36	2431.80	2442.16	0.5	PASS
11B	Ant1	2462	10.36	2456.80	2467.16	0.5	PASS
11G	Ant1	2412	14.84	2404.40	2419.24	0.5	PASS
11G	Ant1	2437	15.24	2429.48	2444.72	0.5	PASS
11G	Ant1	2462	14.56	2454.72	2469.28	0.5	PASS
11N20SISO	Ant1	2412	15.92	2403.96	2419.88	0.5	PASS
11N20SISO	Ant1	2437	15.96	2428.84	2444.80	0.5	PASS
11N20SISO	Ant1	2462	13.56	2455.72	2469.28	0.5	PASS
11N40SISO	Ant1	2422	34.88	2404.32	2439.20	0.5	PASS
11N40SISO	Ant1	2437	34.96	2419.48	2454.44	0.5	PASS
11N40SISO	Ant1	2452	34.08	2434.80	2468.88	0.5	PASS
11AX20SISO	Ant1	2412	12.68	2403.40	2416.08	0.5	PASS
11AX20SISO	Ant1	2437	17.20	2427.60	2444.80	0.5	PASS
11AX20SISO	Ant1	2462	16.20	2453.24	2469.44	0.5	PASS
11AX40SISO	Ant1	2422	30.64	2406.32	2436.96	0.5	PASS
11AX40SISO	Ant1	2437	30.88	2421.00	2451.88	0.5	PASS
11AX40SISO	Ant1	2452	34.96	2433.68	2468.64	0.5	PASS

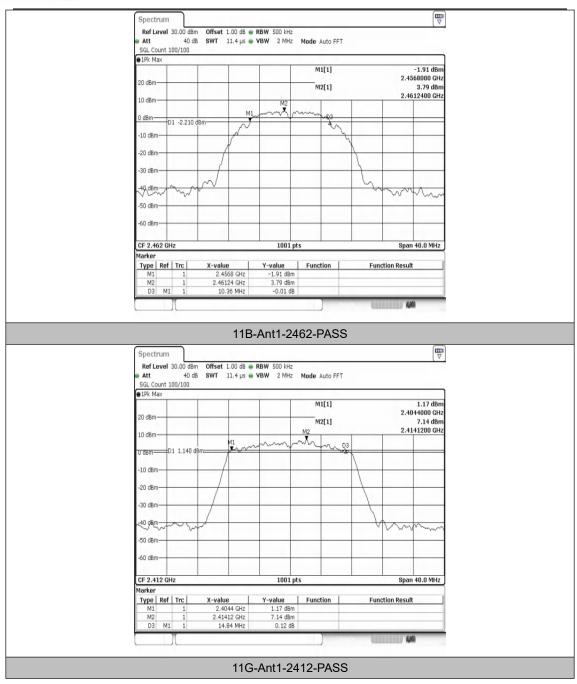


Test Graphs



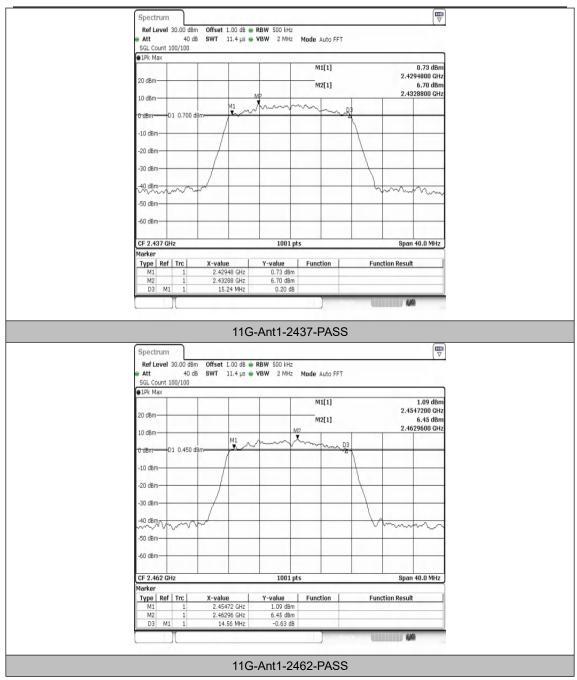






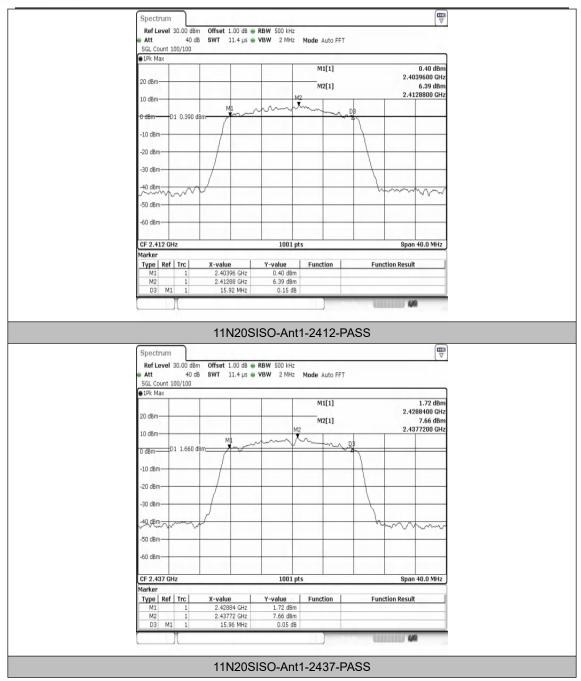






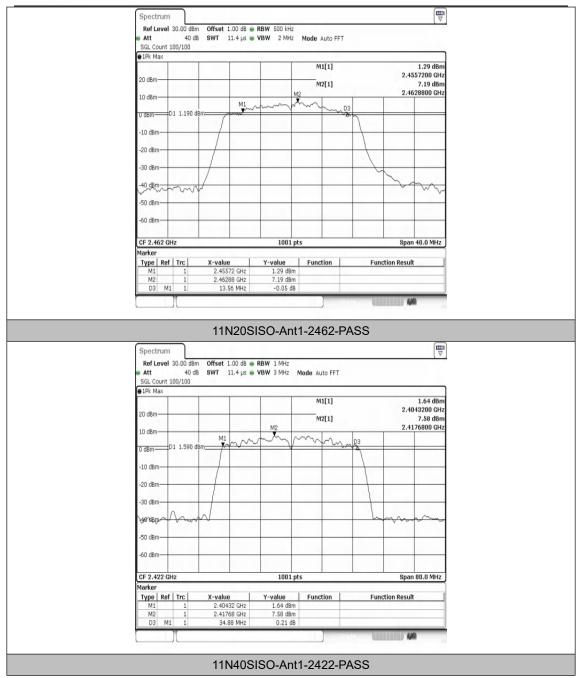






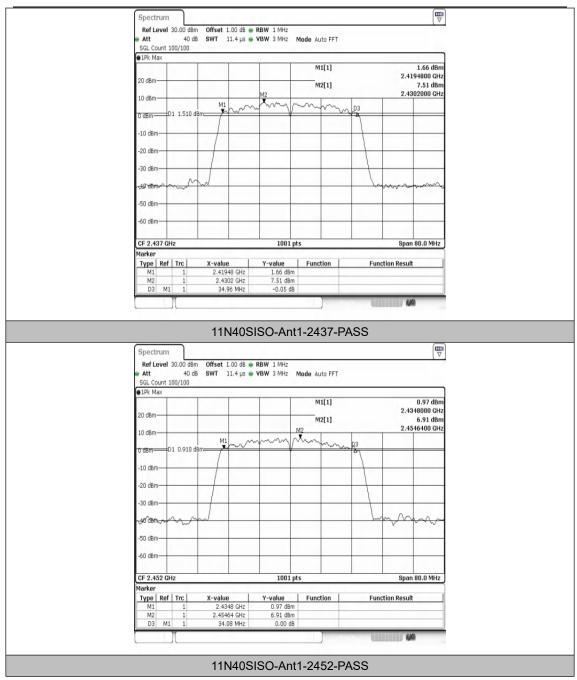






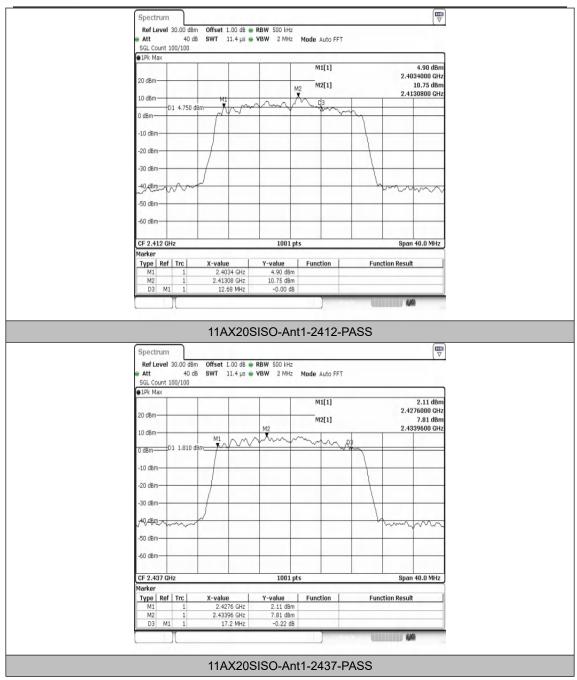






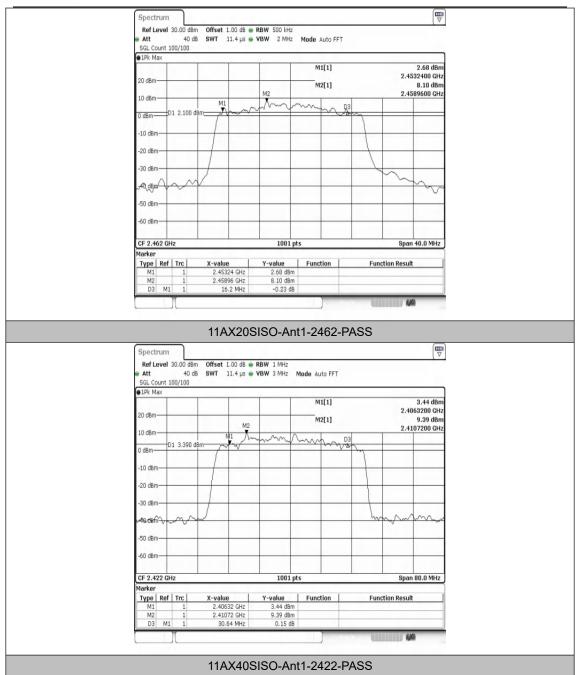


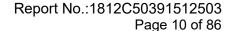




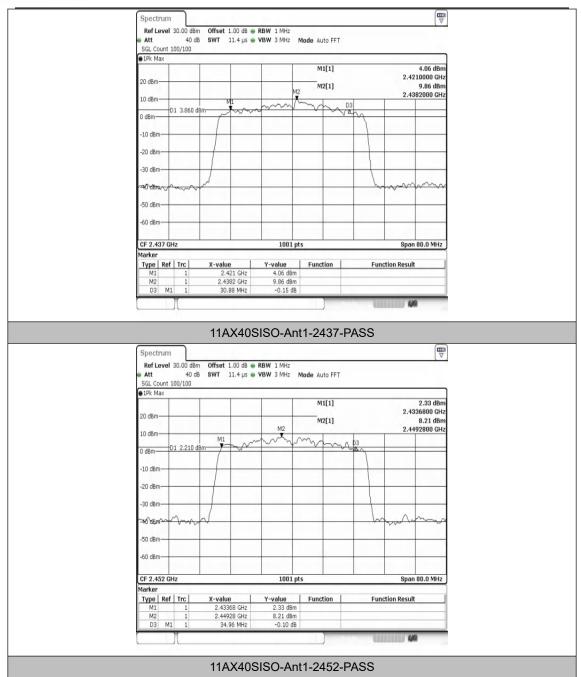












Report No.:1812C50391512503

Page 11 of 86

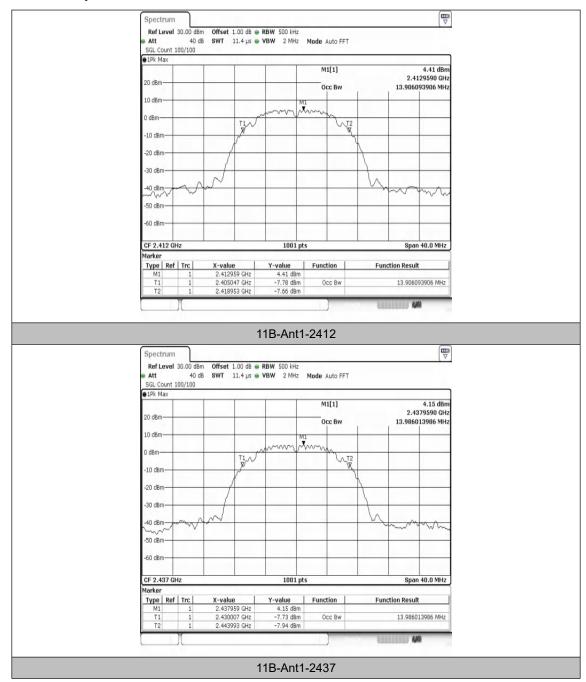
Appendix B: 99% Occupied Bandwidth

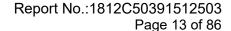
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.906	2405.0470	2418.9530		
11B	Ant1	2437	13.986	2430.0070	2443.9930		
11B	Ant1	2462	13.946	2455.0070	2468.9530		
11G	Ant1	2412	16.184	2403.8881	2420.0719		
11G	Ant1	2437	16.264	2428.8482	2445.1119		
11G	Ant1	2462	16.224	2453.8881	2470.1119		
11N20SISO	Ant1	2412	17.343	2403.3287	2420.6713		
11N20SISO	Ant1	2437	17.383	2428.2887	2445.6713		
11N20SISO	Ant1	2462	17.303	2453.3287	2470.6314		
11N40SISO	Ant1	2422	35.804	2404.0979	2439.9021		
11N40SISO	Ant1	2437	35.964	2418.9381	2454.9021		
11N40SISO	Ant1	2452	35.724	2434.0979	2469.8222		
11AX20SISO	Ant1	2412	18.541	2402.7293	2421.2707		
11AX20SISO	Ant1	2437	18.581	2427.6494	2446.2308		
11AX20SISO	Ant1	2462	18.701	2452.5694	2471.2707		
11AX40SISO	Ant1	2422	37.403	2403.2987	2440.7013		
11AX40SISO	Ant1	2437	37.323	2418.3786	2455.7013		
11AX40SISO	Ant1	2452	37.163	2433.2987	2470.4615		

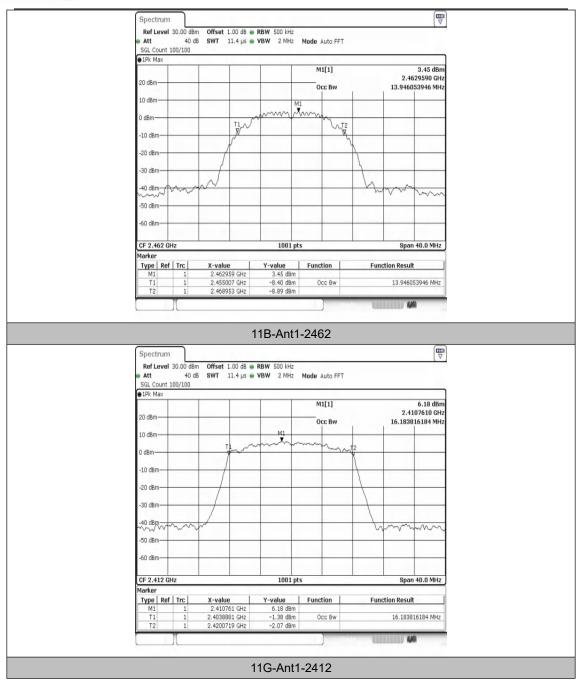


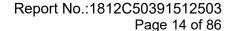
Test Graphs



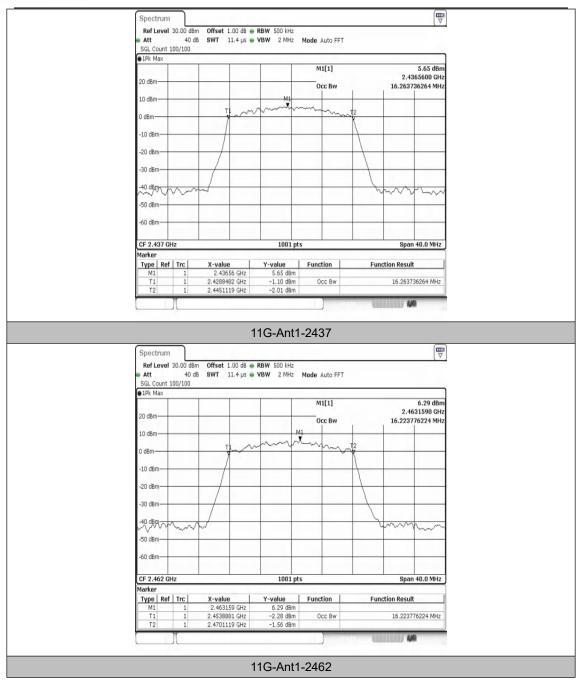


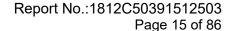




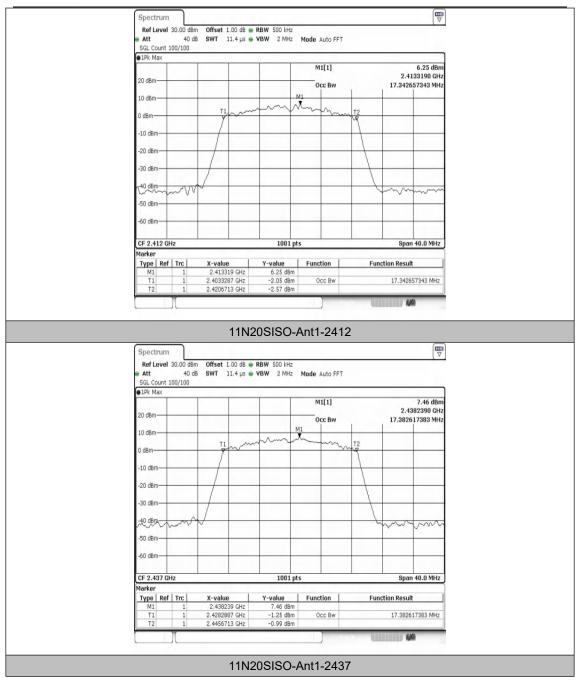


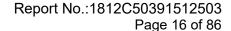




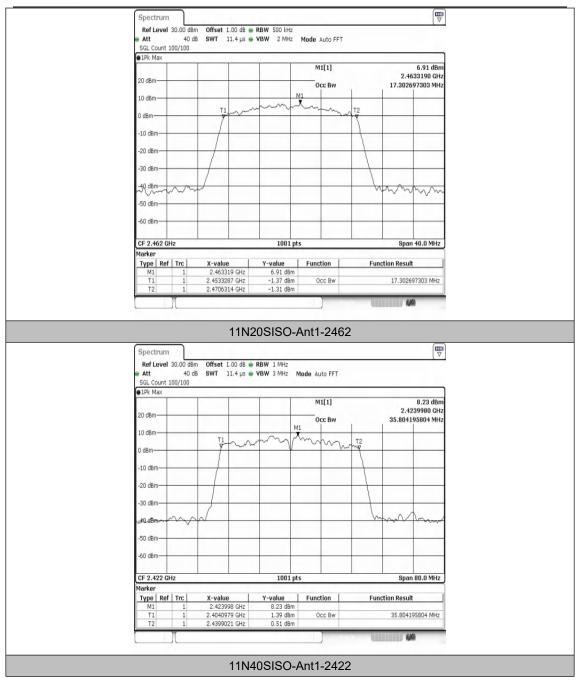






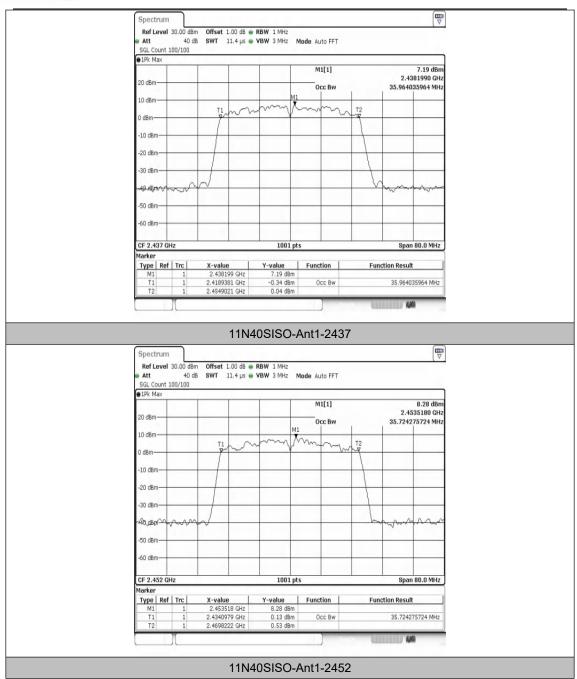






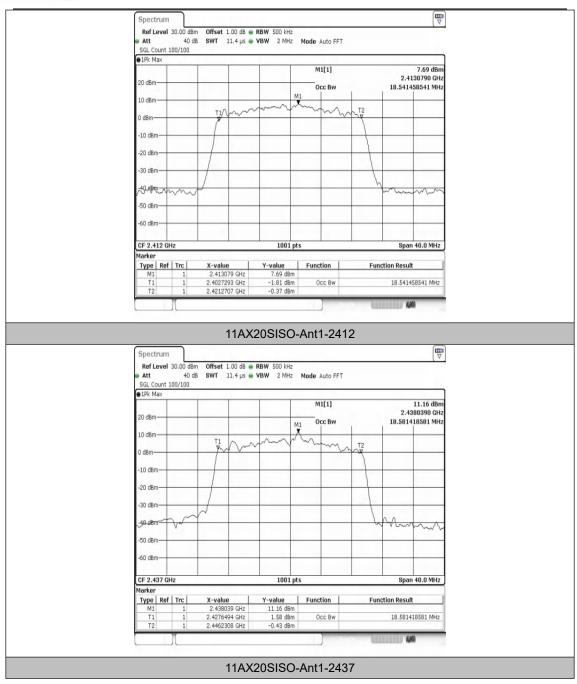


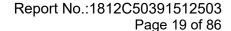




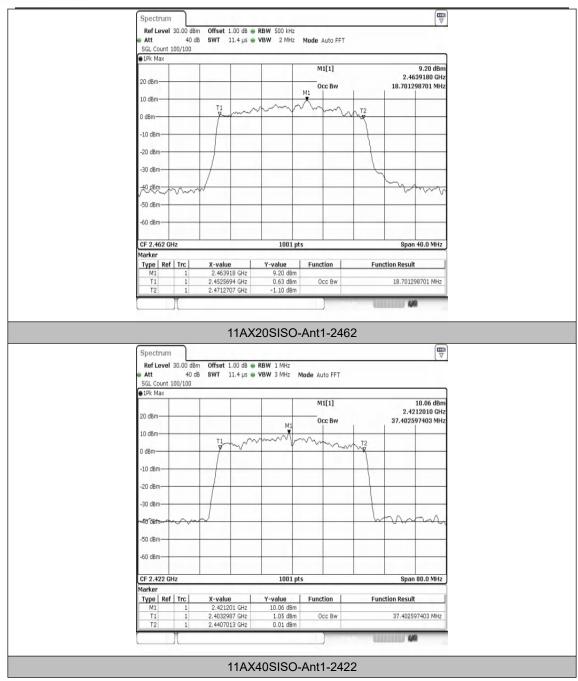






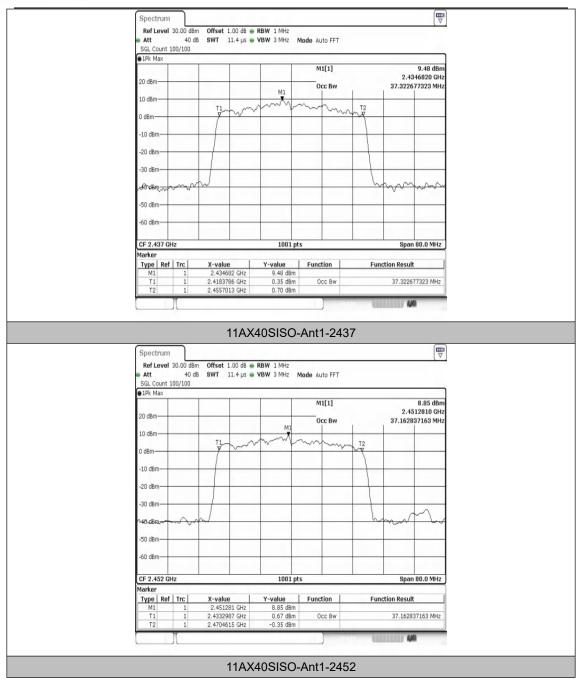












Report No.:1812C50391512503

Page 21 of 86

Appendix C: Maximum conducted output power

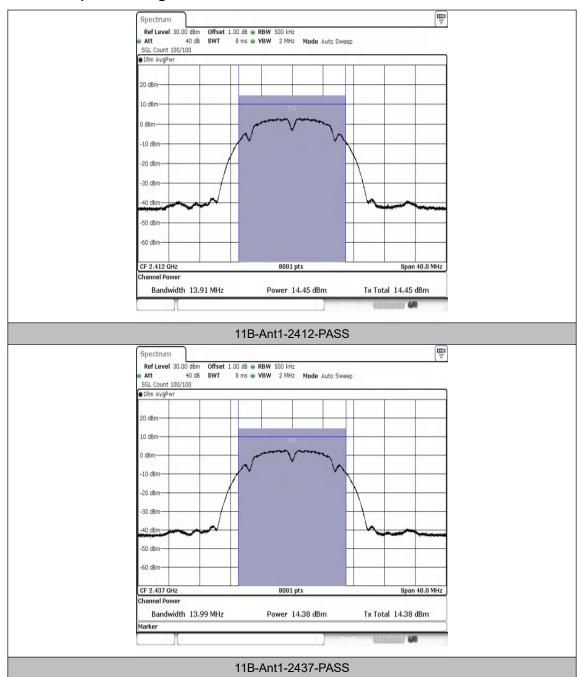
Test Result Average

Test Mode	Antenna	Frequen cy[MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	14.45	100.00	0.00	14.45	≤30.00	PASS
11B	Ant1	2437	NA	14.38	100.00	0.00	14.38	≤30.00	PASS
11B	Ant1	2462	NA	13.60	100.00	0.00	13.60	≤30.00	PASS
11G	Ant1	2412	NA	14.05	100.00	0.00	14.05	≤30.00	PASS
11G	Ant1	2437	NA	14.09	100.00	0.00	14.09	≤30.00	PASS
11G	Ant1	2462	NA	13.62	100.00	0.00	13.62	≤30.00	PASS
11N20SISO	Ant1	2412	NA	13.88	100.00	0.00	13.88	≤30.00	PASS
11N20SISO	Ant1	2437	NA	13.96	100.00	0.00	13.96	≤30.00	PASS
11N20SISO	Ant1	2462	NA	13.43	100.00	0.00	13.43	≤30.00	PASS
11N40SISO	Ant1	2422	NA	13.69	100.00	0.00	13.69	≤30.00	PASS
11N40SISO	Ant1	2437	NA	13.83	100.00	0.00	13.83	≤30.00	PASS
11N40SISO	Ant1	2452	NA	13.43	100.00	0.00	13.43	≤30.00	PASS
11AX20SISO	Ant1	2412	NA	13.76	100.00	0.00	13.76	≤30.00	PASS
11AX20SISO	Ant1	2437	NA	13.82	100.00	0.00	13.82	≤30.00	PASS
11AX20SISO	Ant1	2462	NA	13.36	100.00	0.00	13.36	≤30.00	PASS
11AX40SISO	Ant1	2422	NA	13.71	100.00	0.00	13.71	≤30.00	PASS
11AX40SISO	Ant1	2437	NA	13.84	100.00	0.00	13.84	≤30.00	PASS
11AX40SISO	Ant1	2452	NA	13.41	100.00	0.00	13.41	≤30.00	PASS

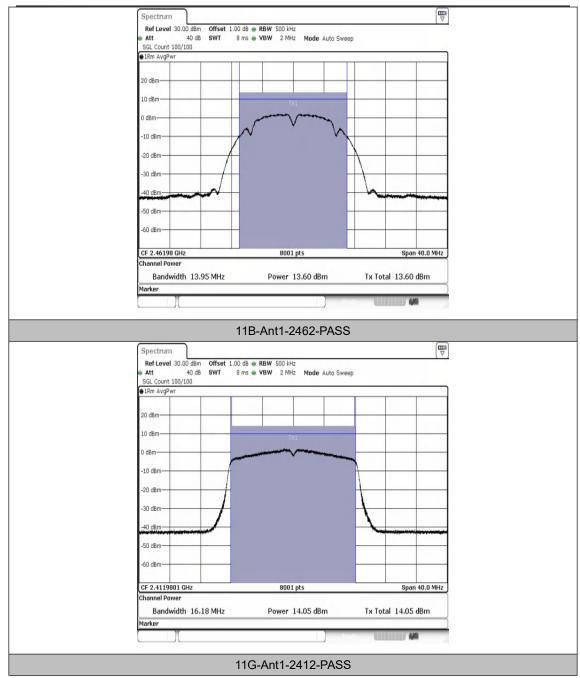
Note: 1. The cable loss are compensated in the graph



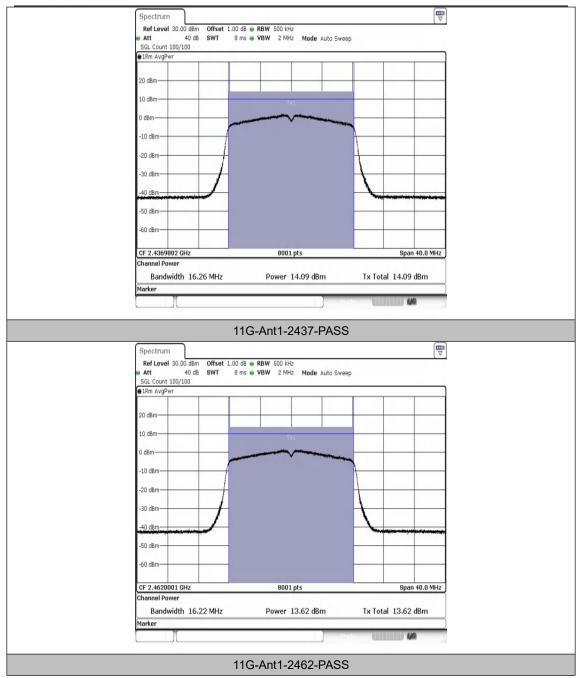
Test Graphs Average

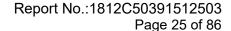




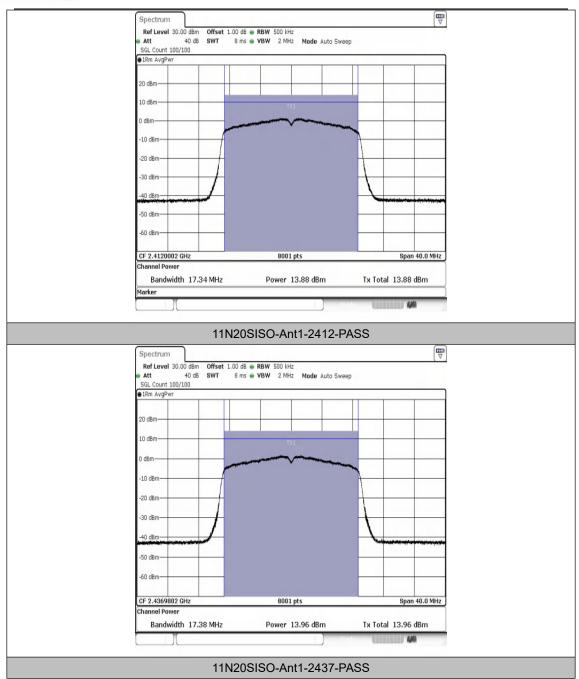






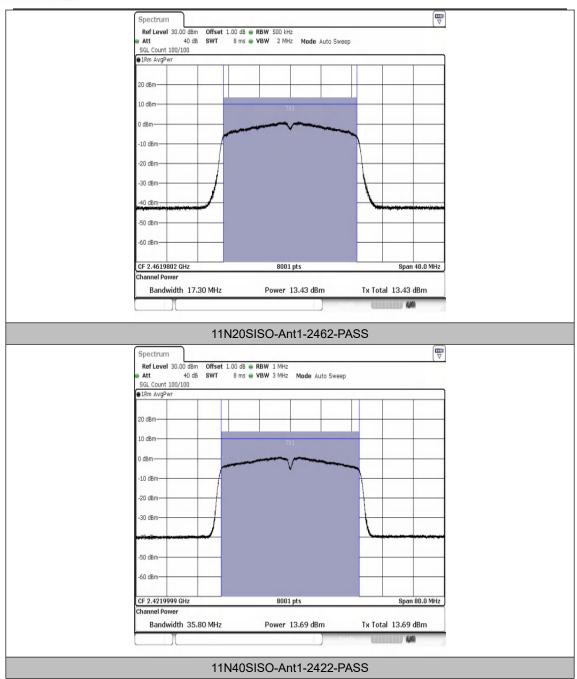




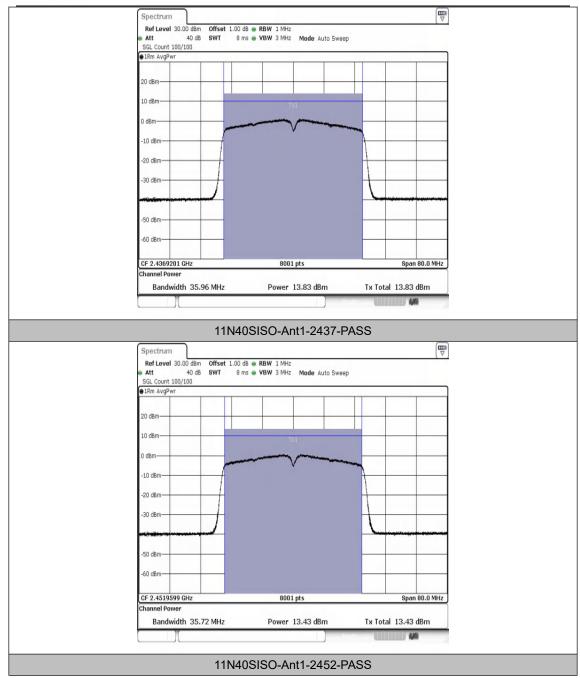


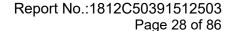




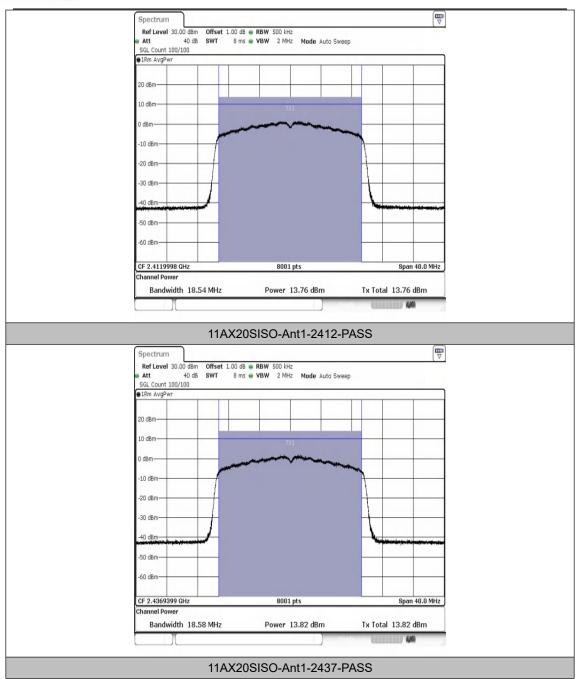


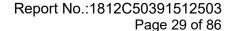




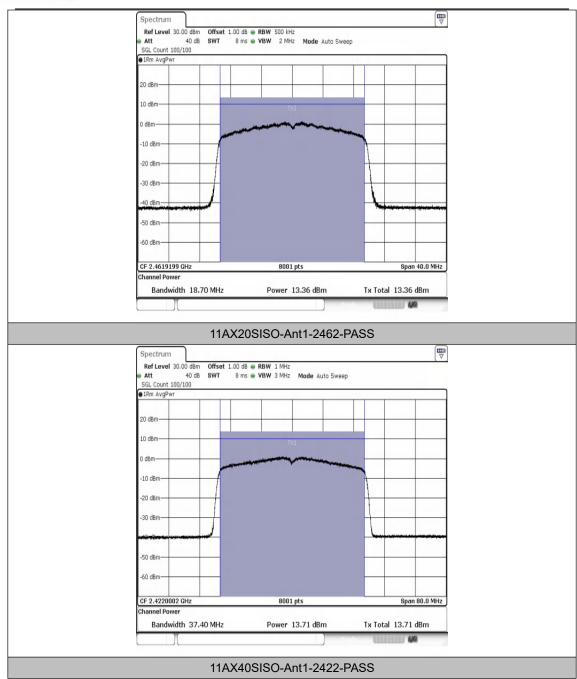






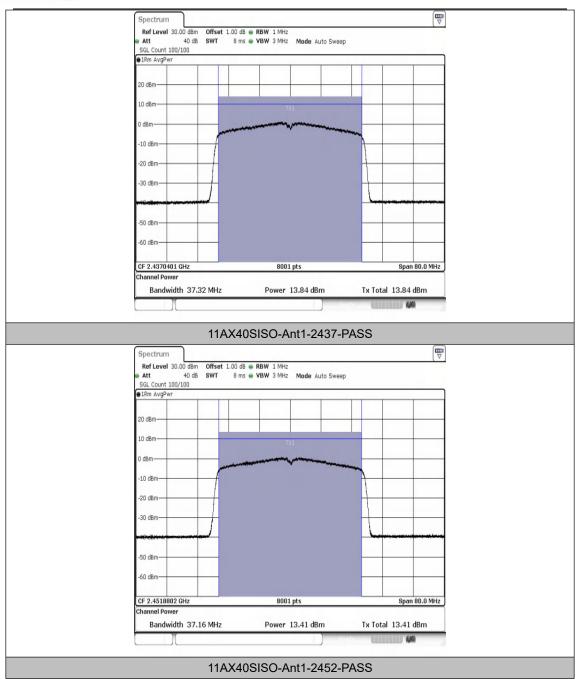














Appendix D: Maximum power spectral density

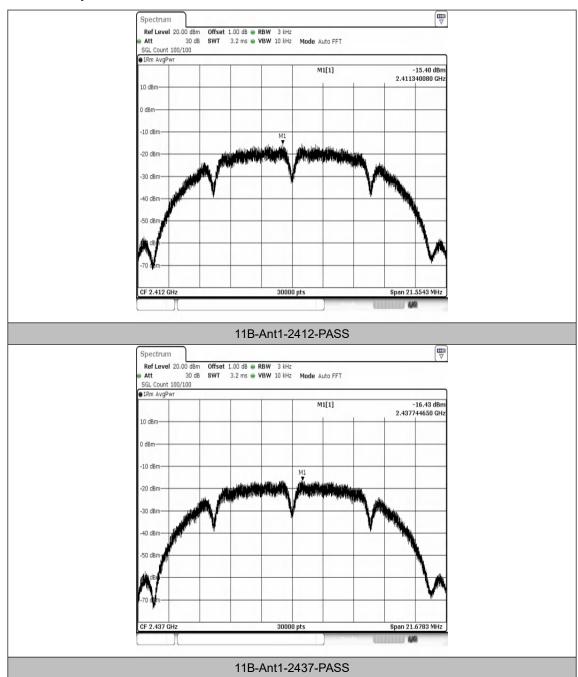
Test Result

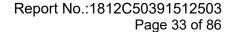
Test Mode	Antenna	Frequency [MHz]	Reading Result[dBm/ 3kHz]	DC Factor [dB]	Result[dBm/ 3kHz]	Limit[dBm /3kHz]	Verdict
11B	Ant1	2412	-15.4	0.00	-15.40	≤8.00	PASS
11B	Ant1	2437	-16.43	0.00	-16.43	≤8.00	PASS
11B	Ant1	2462	-16.44	0.00	-16.44	≤8.00	PASS
11G	Ant1	2412	-14.49	0.00	-14.49	≤8.00	PASS
11G	Ant1	2437	-14.49	0.00	-14.49	≤8.00	PASS
11G	Ant1	2462	-15.25	0.00	-15.25	≤8.00	PASS
11N20SISO	Ant1	2412	-12.94	0.00	-12.94	≤8.00	PASS
11N20SISO	Ant1	2437	-13.07	0.00	-13.07	≤8.00	PASS
11N20SISO	Ant1	2462	-13.42	0.00	-13.42	≤8.00	PASS
11N40SISO	Ant1	2422	-15.92	0.00	-15.92	≤8.00	PASS
11N40SISO	Ant1	2437	-15.51	0.00	-15.51	≤8.00	PASS
11N40SISO	Ant1	2452	-16.29	0.00	-16.29	≤8.00	PASS
11AX20SISO	Ant1	2412	-12.99	0.00	-12.99	≤8.00	PASS
11AX20SISO	Ant1	2437	-12.78	0.00	-12.78	≤8.00	PASS
11AX20SISO	Ant1	2462	-13.3	0.00	-13.30	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.84	0.00	-15.84	≤8.00	PASS
11AX40SISO	Ant1	2437	-15.23	0.00	-15.23	≤8.00	PASS
11AX40SISO	Ant1	2452	-16.17	0.00	-16.17	≤8.00	PASS

Note: 1. The cable loss are compensated in the graph.

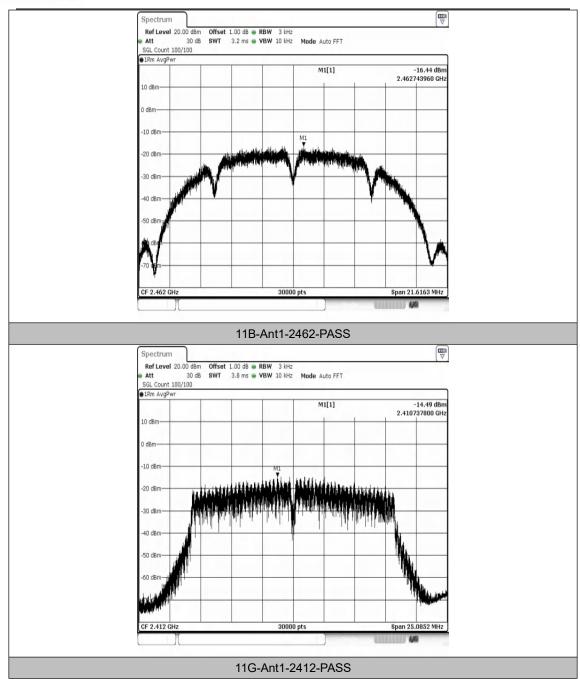


Test Graphs

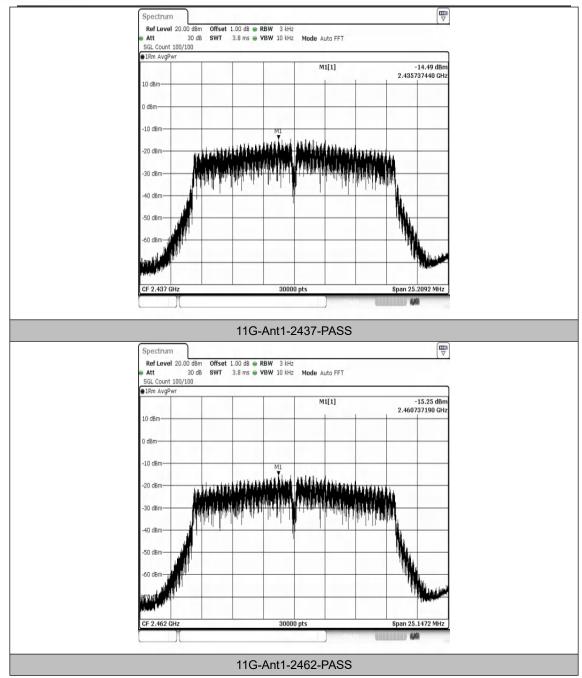






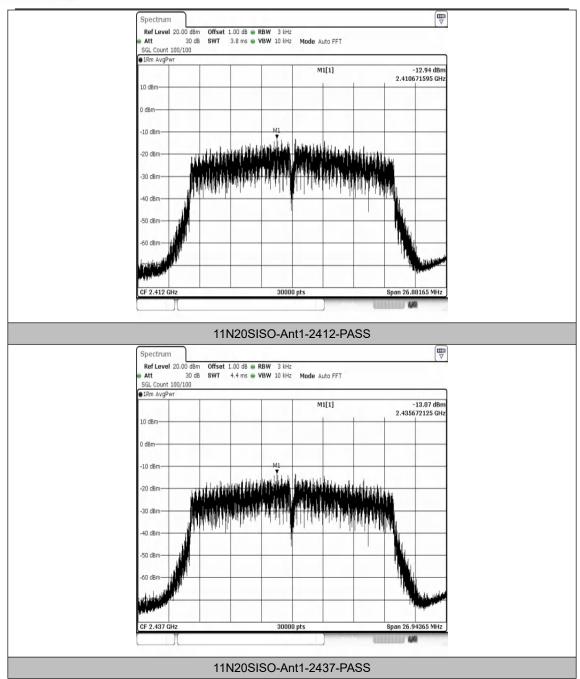






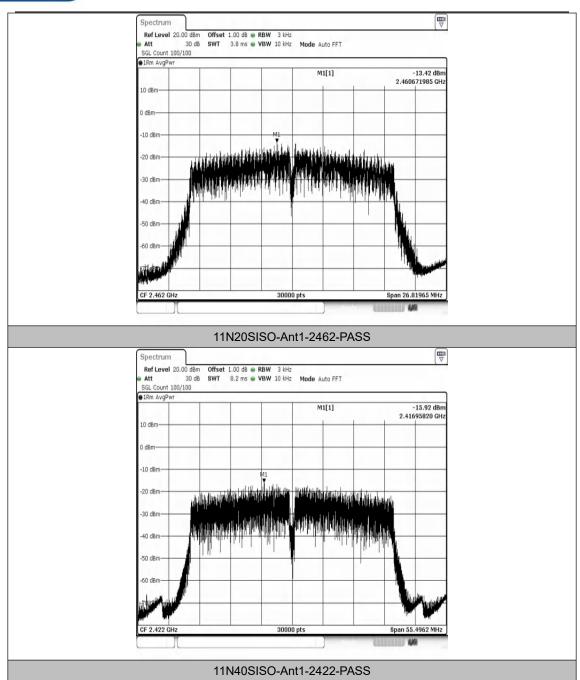






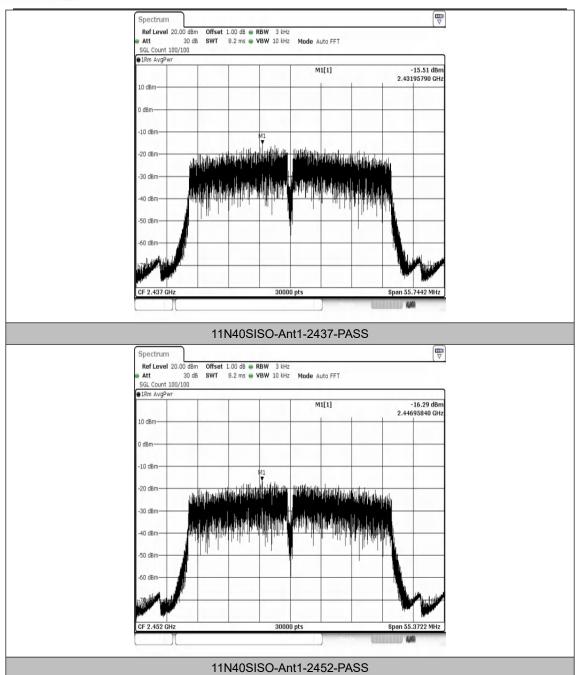


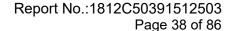




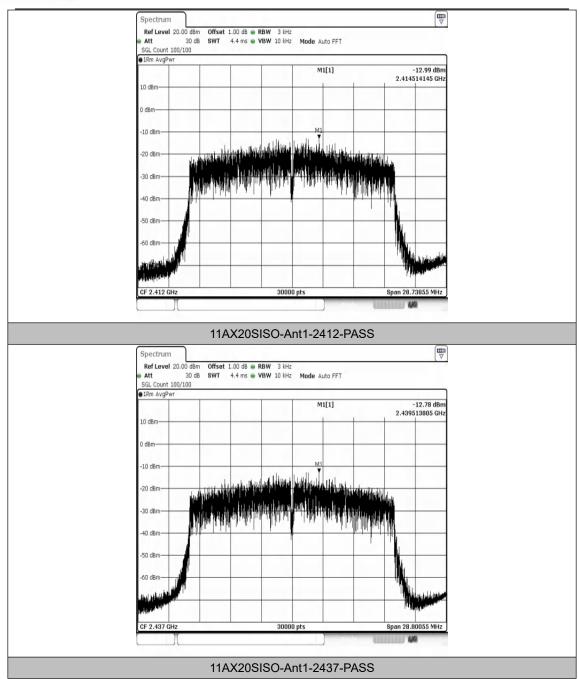


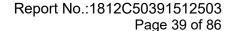




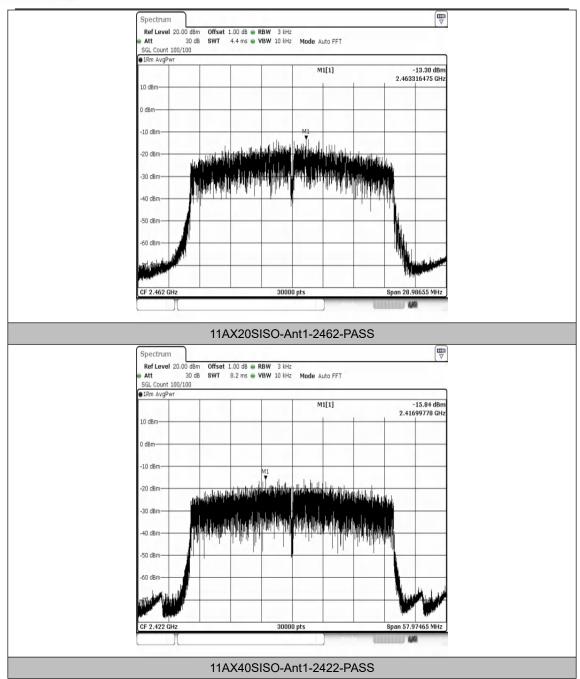




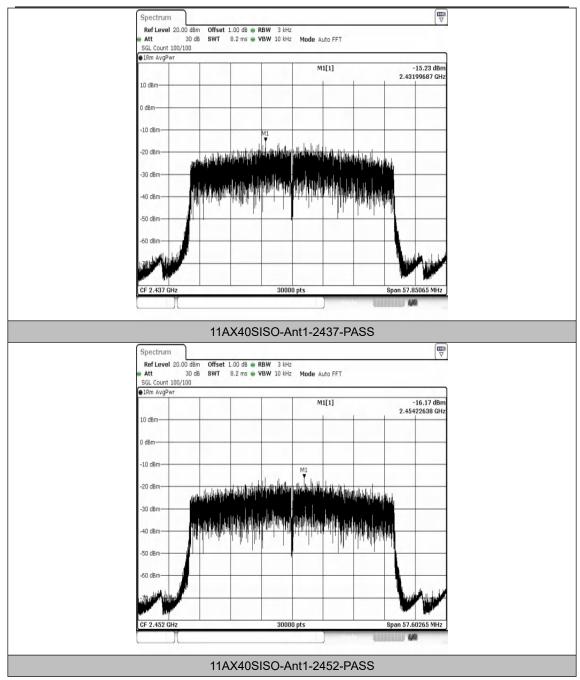














Appendix E: Conducted Band edge

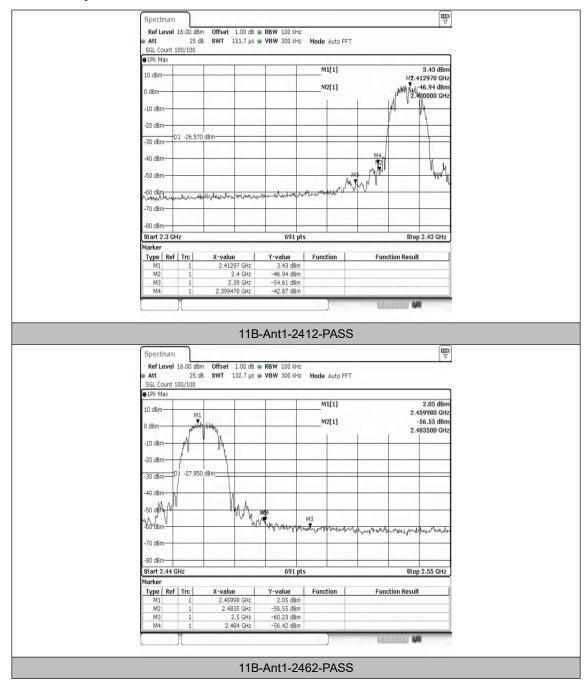
Test Result

Test Mode	Antenna	Ch.	Frequency	Ref.	Result[dBm]	Limit[dBm]	Verdict
		Name	[MHz]	Level[dBm]	rtesuitabilij	Limitabini	
11B	Ant1	Low	2412	3.43	-42.87	≤-26.57	PASS
11B	Ant1	High	2462	2.05	-56.42	≤-27.95	PASS
11G	Ant1	Low	2412	3.09	-49.72	≤-26.91	PASS
11G	Ant1	High	2462	0.84	-54.86	≤-29.16	PASS
11N20SISO	Ant1	Low	2412	3.26	-47.34	≤-26.74	PASS
11N20SISO	Ant1	High	2462	2.45	-50.8	≤-27.55	PASS
11N40SISO	Ant1	Low	2422	1.41	-48.96	≤-28.59	PASS
11N40SISO	Ant1	High	2452	0.97	-50.02	≤-29.03	PASS
11AX20SISO	Ant1	Low	2412	4.02	-48.73	≤-25.98	PASS
11AX20SISO	Ant1	High	2462	2.91	-51.67	≤-27.09	PASS
11AX40SISO	Ant1	Low	2422	1.15	-48.47	≤-28.85	PASS
11AX40SISO	Ant1	High	2452	-0.03	-49.65	≤-30.03	PASS

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

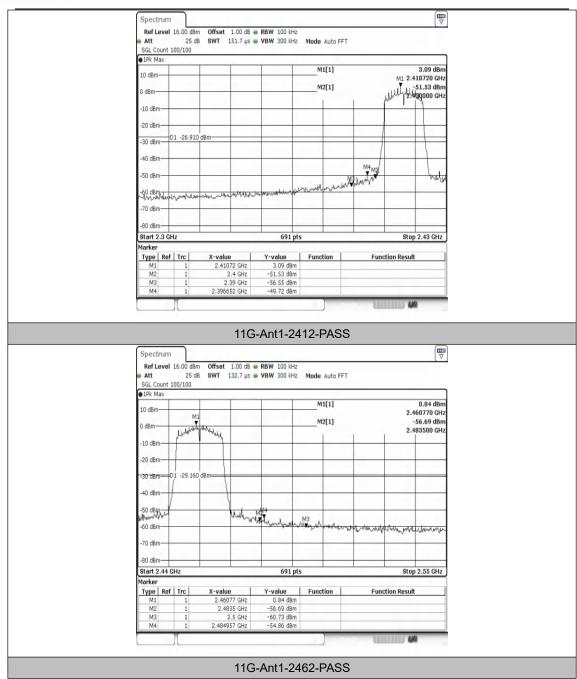


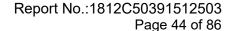
Test Graphs



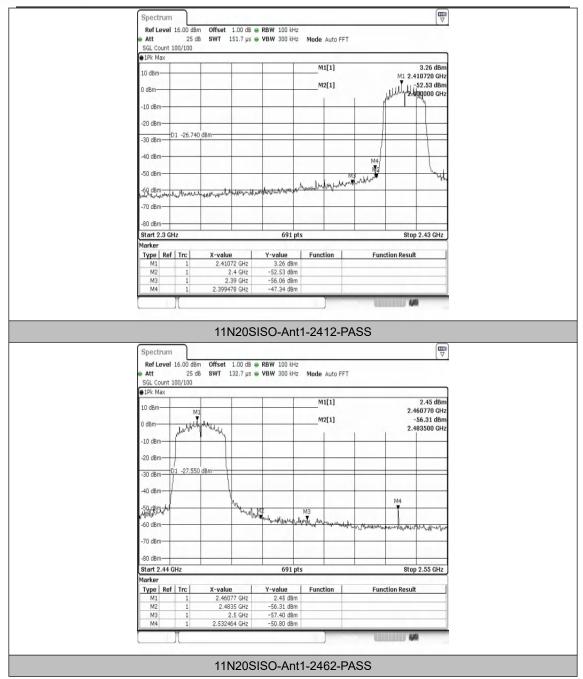






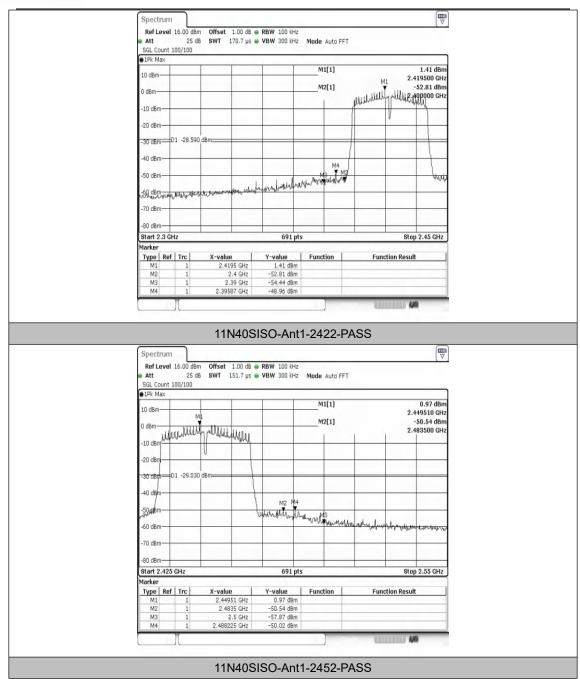


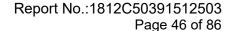




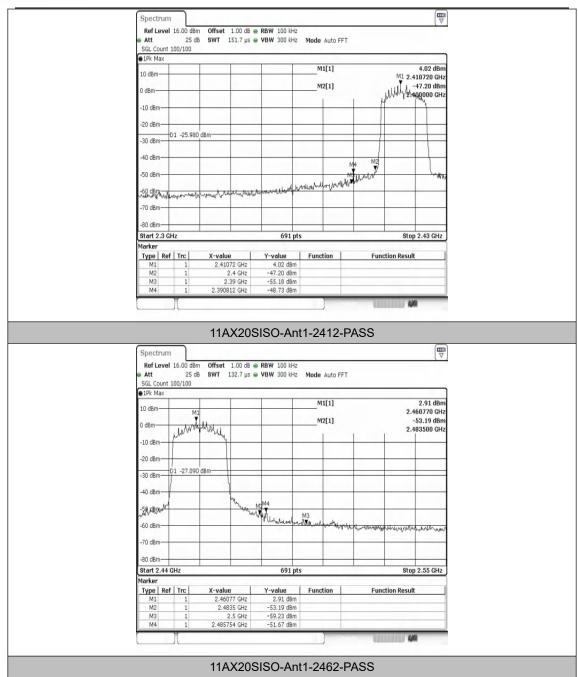


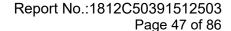




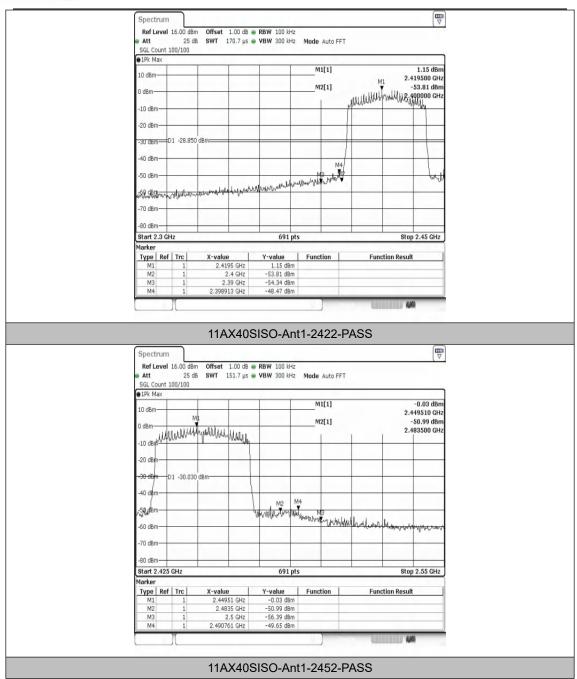














Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna Frequency[MHz]		Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	3.27	3.27		PASS
11B	Ant1	2412	30~1000	3.27	-57.81	≤-26.73	PASS
11B	Ant1	2412	1000~26500	3.27	-44.27	≤-26.73	PASS
11B	Ant1	2437	0~Reference	2.67	2.67		PASS
11B	Ant1	2437	30~1000	2.67	-58.8	≤-27.33	PASS
11B	Ant1	2437	1000~26500	2.67	-43.63	≤-27.33	PASS
11B	Ant1	2462	0~Reference	1.61	1.61		PASS
11B	Ant1	2462	30~1000	1.61	-58.55	≤-28.39	PASS
11B	Ant1	2462	1000~26500	1.61	-43.93	≤-28.39	PASS
11G	Ant1	2412	0~Reference	2.99	2.99		PASS
11G	Ant1	2412	30~1000	2.99	-58.32	≤-27.01	PASS
11G	Ant1	2412	1000~26500	2.99	-44.38	≤-27.01	PASS
11G	Ant1	2437	0~Reference	3.12	3.12		PASS
11G	Ant1	2437	30~1000	3.12	-57.92	≤-26.88	PASS
11G	Ant1	2437	1000~26500	3.12	-44.37	≤-26.88	PASS
11G	Ant1	2462	0~Reference	2.85	2.85		PASS
11G	Ant1	2462	30~1000	2.85	-58.01	≤-27.15	PASS
11G	Ant1	2462	1000~26500	2.85	-43.63	≤-27.15	PASS
11N20SISO	Ant1	2412	0~Reference	3.34	3.34		PASS
11N20SISO	Ant1	2412	30~1000	3.34	-58	≤-26.66	PASS
11N20SISO	Ant1	2412	1000~26500	3.34	-44.14	≤-26.66	PASS
11N20SISO	Ant1	2437	0~Reference	4.29	4.29		PASS
11N20SISO	Ant1	2437	30~1000	4.29	-58.35	≤-25.71	PASS
11N20SISO	Ant1	2437	1000~26500	4.29	-44.29	≤-25.71	PASS
11N20SISO	Ant1	2462	0~Reference	2.43	2.43		PASS
11N20SISO	Ant1	2462	30~1000	2.43	-58.43	≤-27.57	PASS
11N20SISO	Ant1	2462	1000~26500	2.43	-42.93	≤-27.57	PASS
11N40SISO	Ant1	2422	0~Reference	1.32	1.32		PASS
11N40SISO	Ant1	2422	30~1000	1.32	-58.39	≤-28.68	PASS
11N40SISO	Ant1	2422	1000~26500	1.32	-44.67	≤-28.68	PASS
11N40SISO	Ant1	2437	0~Reference	1.09	1.09		PASS
11N40SISO	Ant1	2437	30~1000	1.09	-58.45	≤-28.91	PASS
11N40SISO	Ant1	2437	1000~26500	1.09	-43.94	≤-28.91	PASS
11N40SISO	Ant1	2452	0~Reference	0.91	0.91		PASS
11N40SISO	Ant1	2452	30~1000	0.91	-57.84	≤-29.09	PASS
11N40SISO	Ant1	2452	1000~26500	0.91	-44.18	≤-29.09	PASS

Shenzhen Anbotek Compliance Laboratory Limited

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Report No.:1812C50391512503

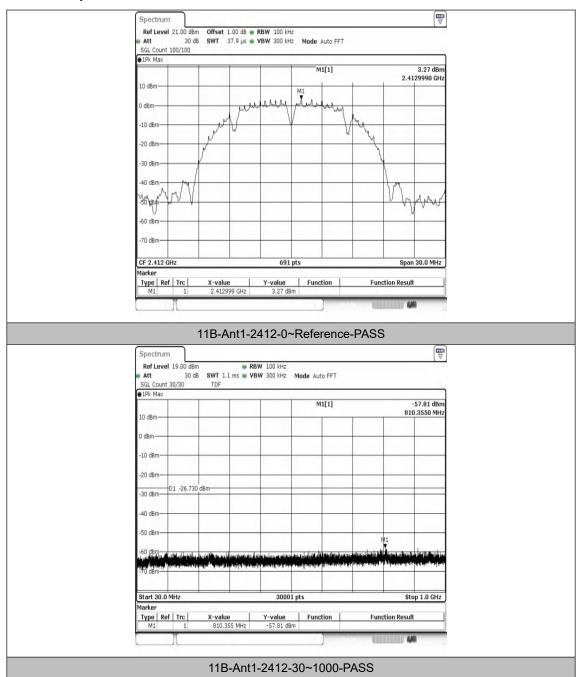
Page 49 of 86

11AX20SISO	Ant1	2412	0~Reference	3.87	3.87		PASS
11AX20SISO	Ant1	2412	30~1000	3.87	-58.06	≤-26.13	PASS
11AX20SISO	Ant1	2412	1000~26500	3.87	-43.87	≤-26.13	PASS
11AX20SISO	Ant1	2437	0~Reference	4.19	4.19		PASS
11AX20SISO	Ant1	2437	30~1000	4.19	-57.82	≤-25.81	PASS
11AX20SISO	Ant1	2437	1000~26500	4.19	-44.48	≤-25.81	PASS
11AX20SISO	Ant1	2462	0~Reference	3.72	3.72		PASS
11AX20SISO	Ant1	2462	30~1000	3.72	-58.11	≤-26.28	PASS
11AX20SISO	Ant1	2462	1000~26500	3.72	-43.98	≤-26.28	PASS
11AX40SISO	Ant1	2422	0~Reference	0.87	0.87		PASS
11AX40SISO	Ant1	2422	30~1000	0.87	-58.42	≤-29.13	PASS
11AX40SISO	Ant1	2422	1000~26500	0.87	-44.04	≤-29.13	PASS
11AX40SISO	Ant1	2437	0~Reference	1.23	1.23		PASS
11AX40SISO	Ant1	2437	30~1000	1.23	-58.32	≤-28.77	PASS
11AX40SISO	Ant1	2437	1000~26500	1.23	-44.62	≤-28.77	PASS
11AX40SISO	Ant1	2452	0~Reference	0.59	0.59		PASS
11AX40SISO	Ant1	2452	30~1000	0.59	-58.56	≤-29.41	PASS
11AX40SISO	Ant1	2452	1000~26500	0.59	-44.33	≤-29.41	PASS

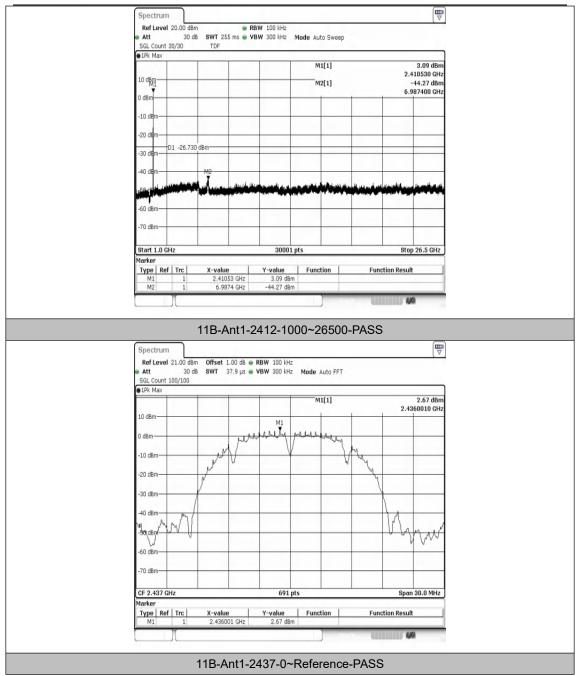
Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.



Test Graphs

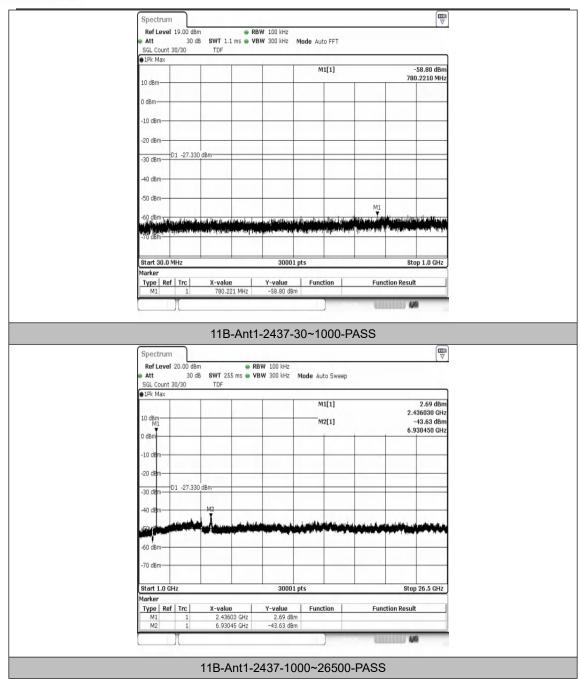


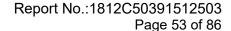




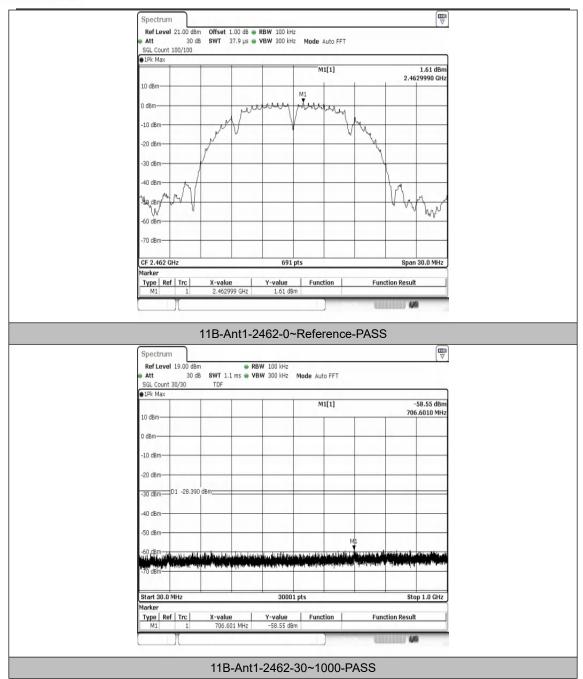


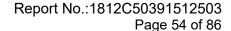




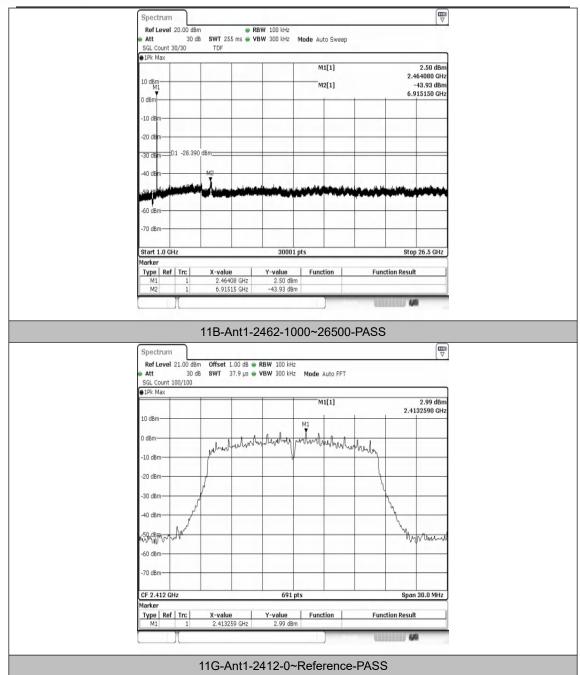


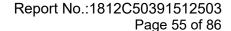




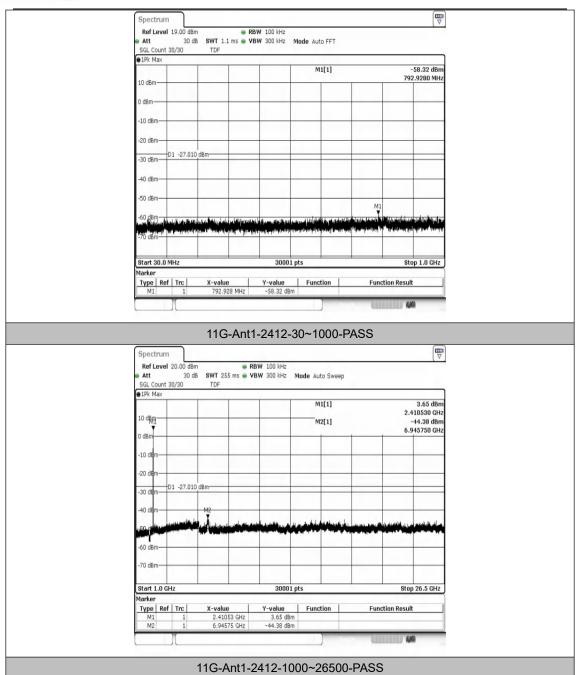






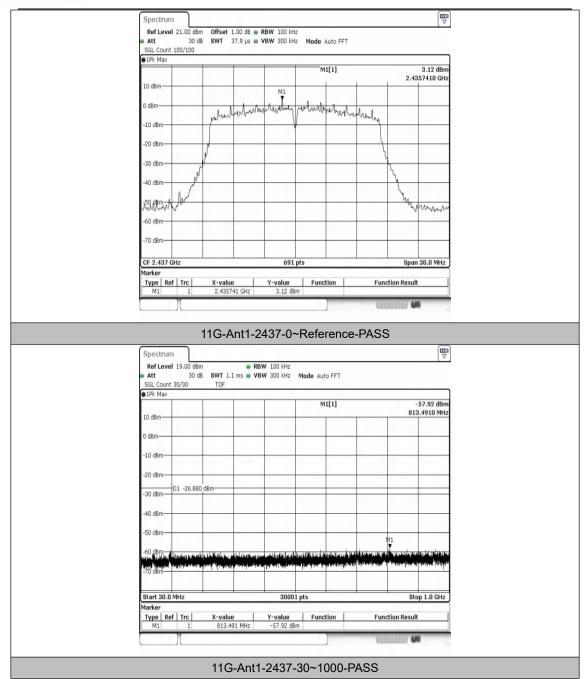






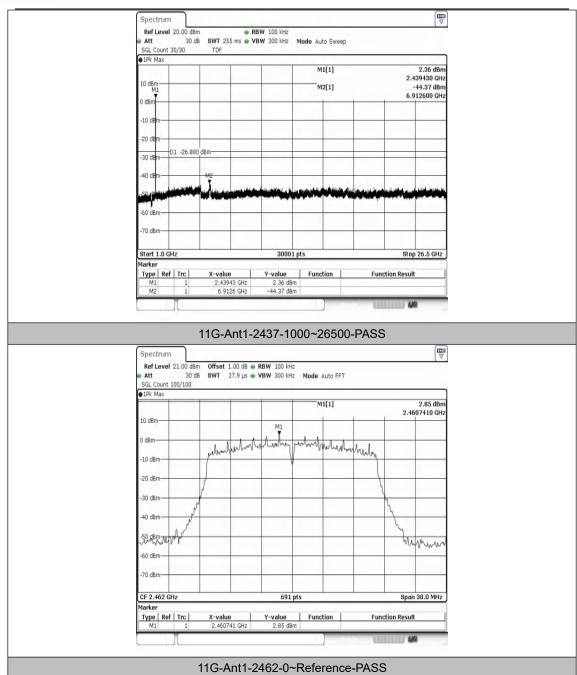


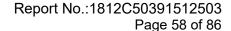




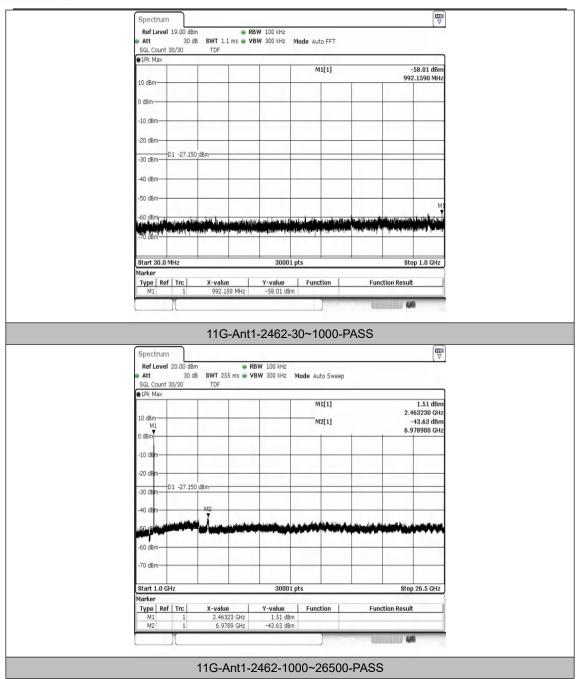


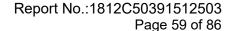




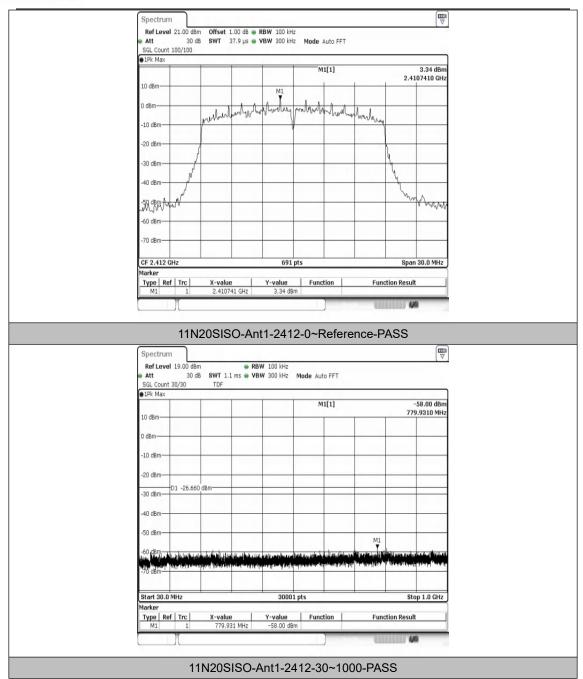






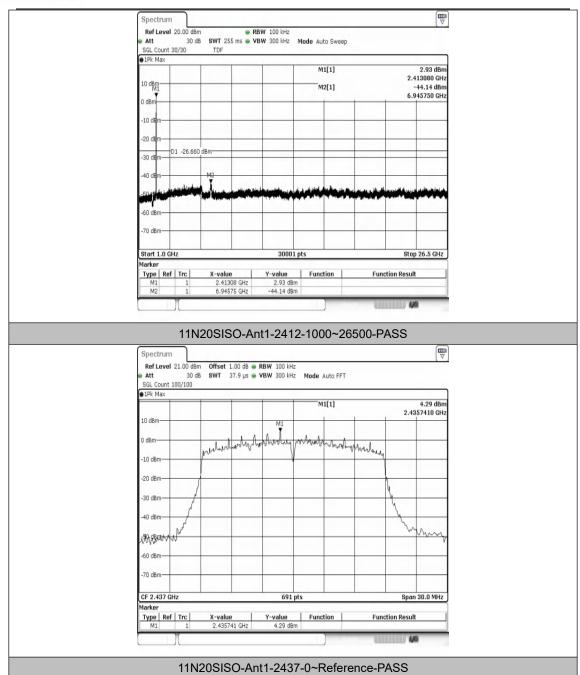


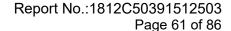




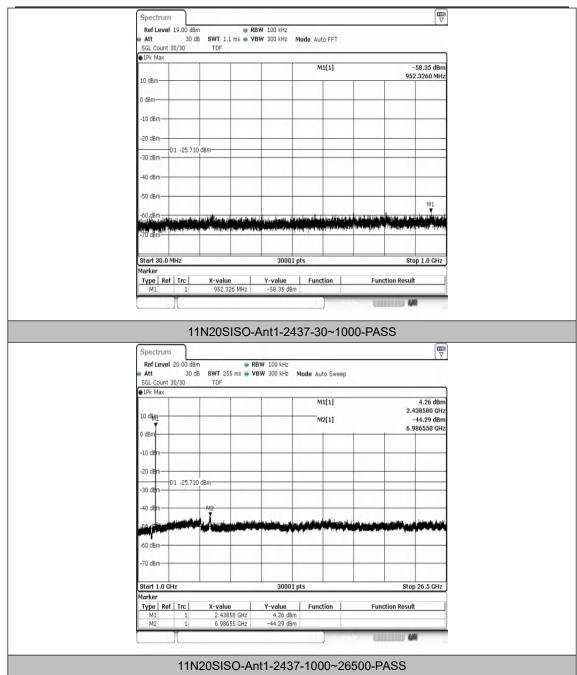






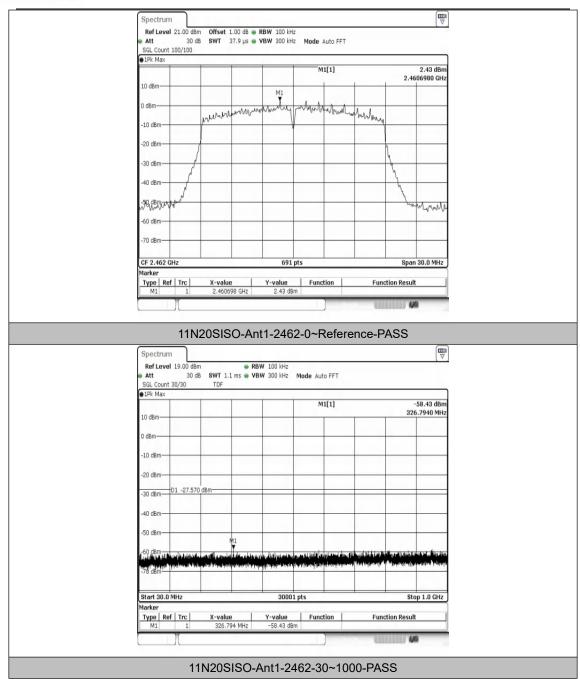


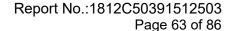




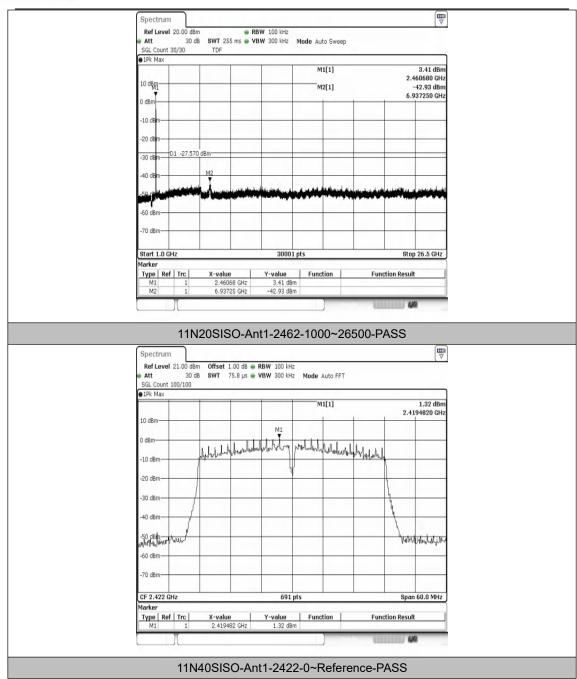






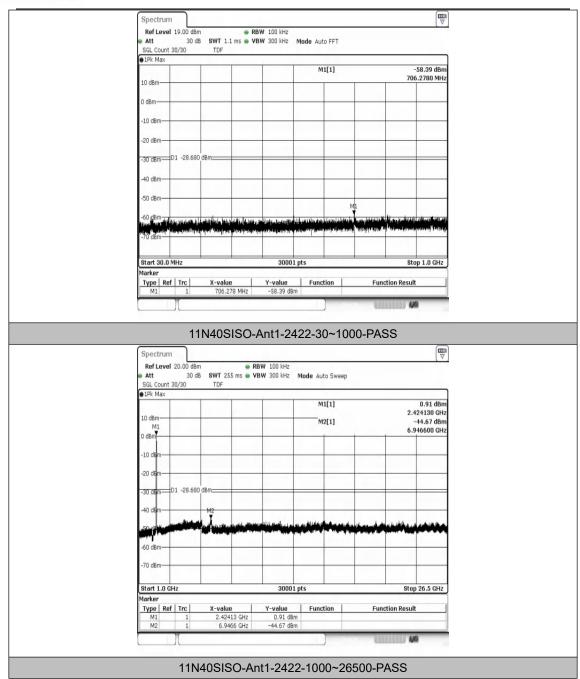






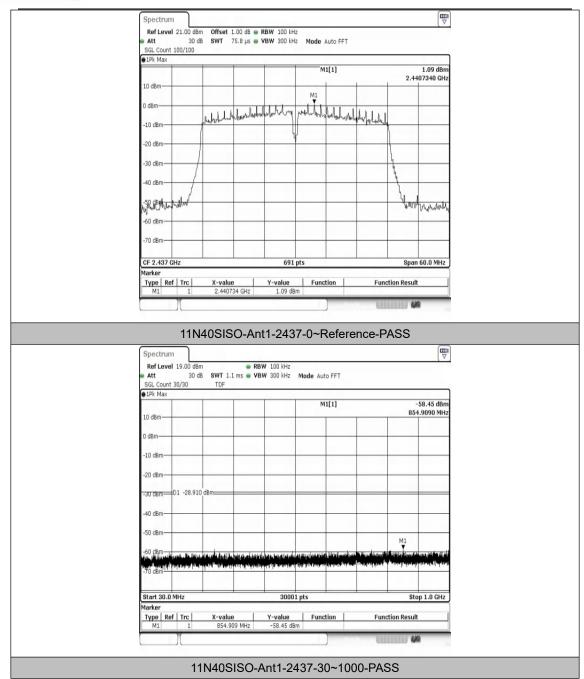






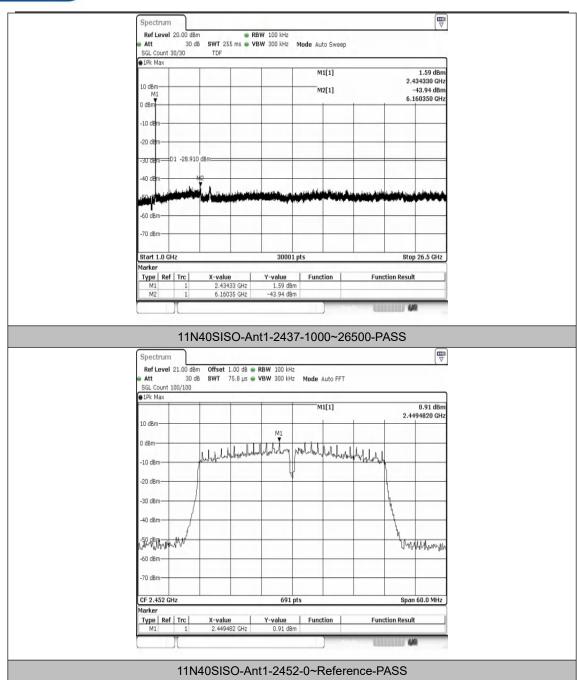






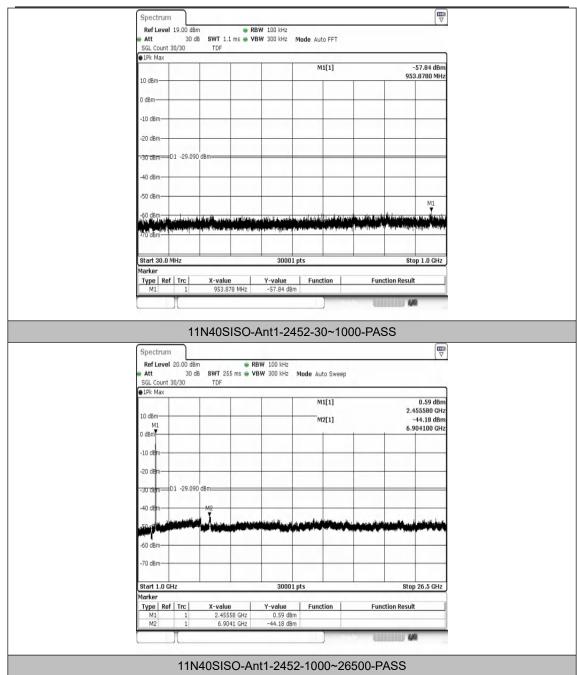


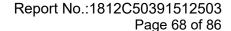




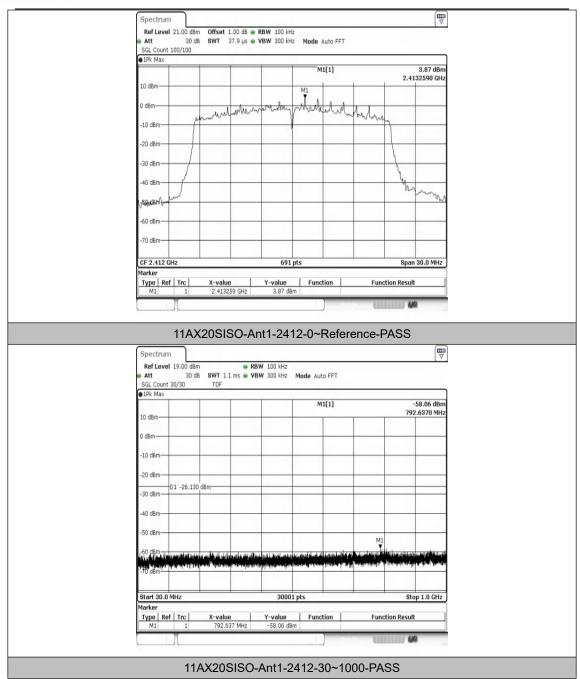


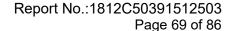




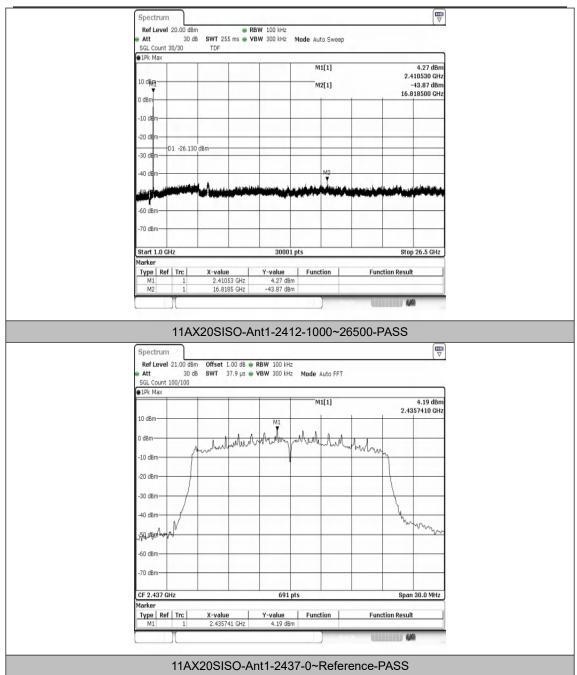






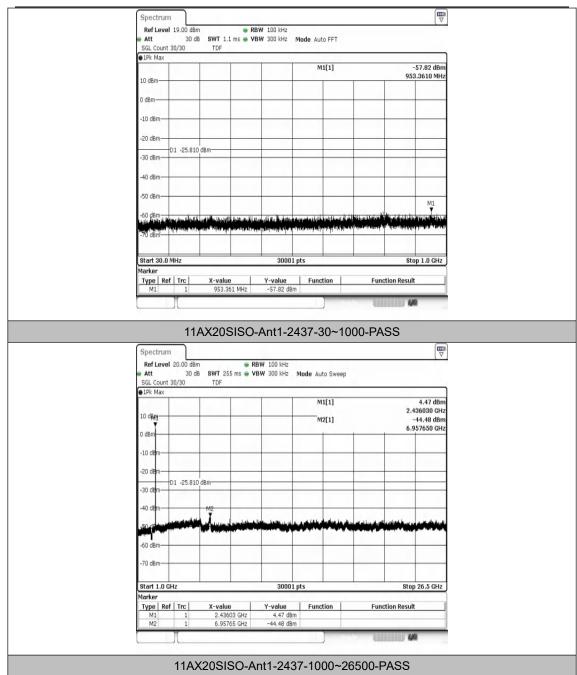






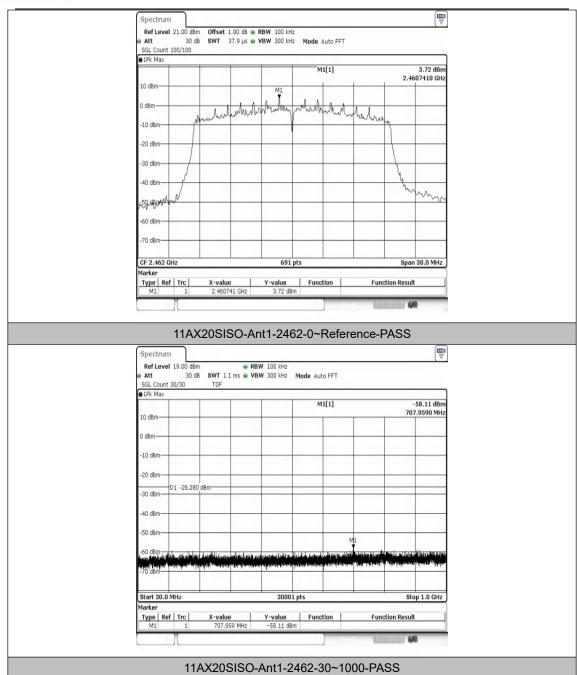


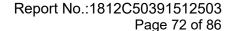




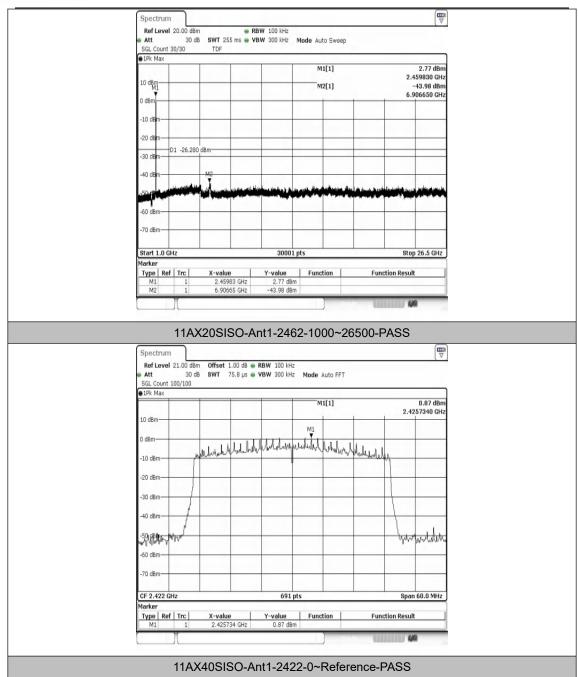






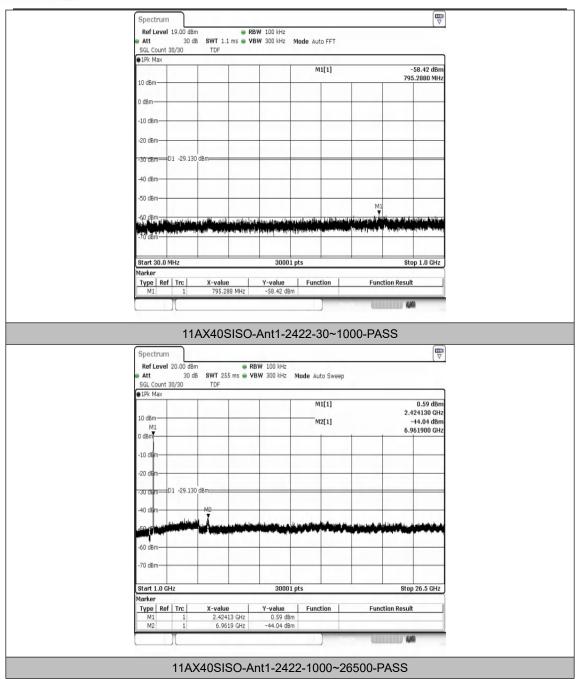






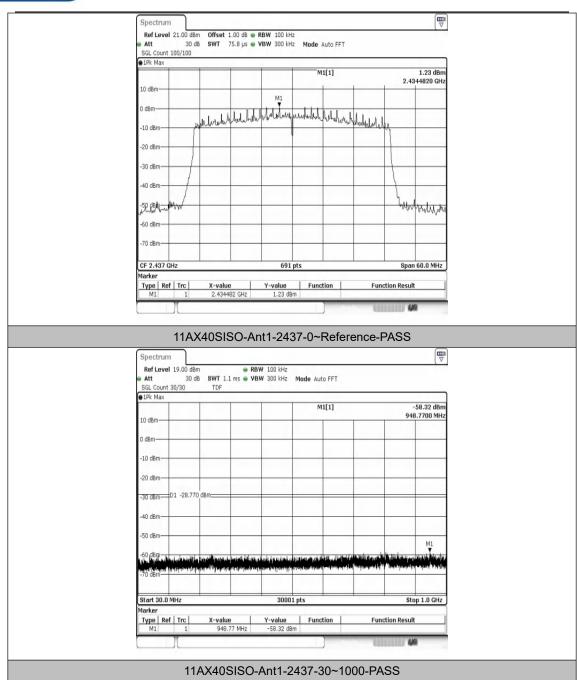






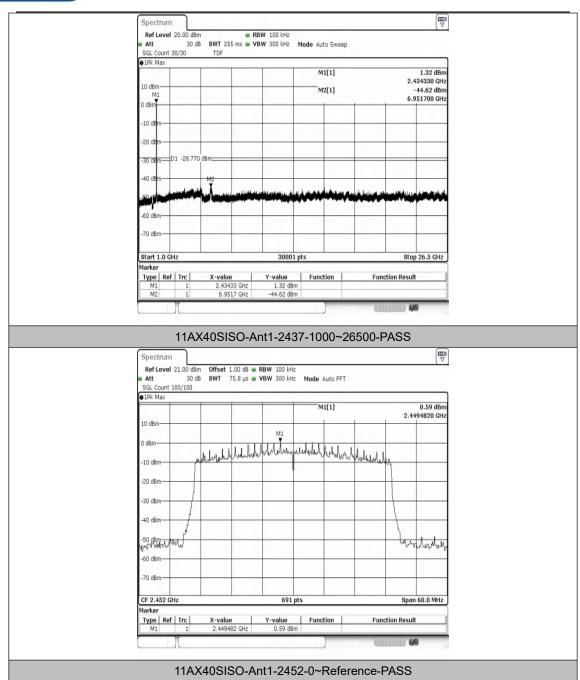


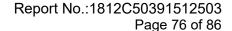




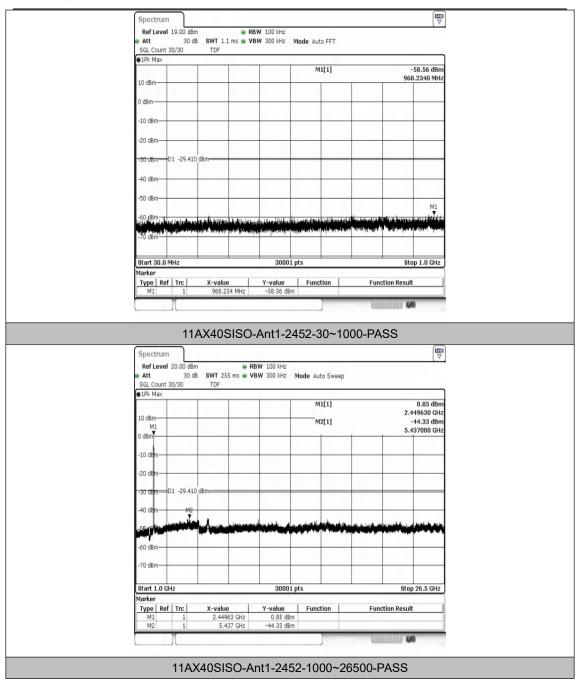












Report No.:1812C50391512503

Page 77 of 86

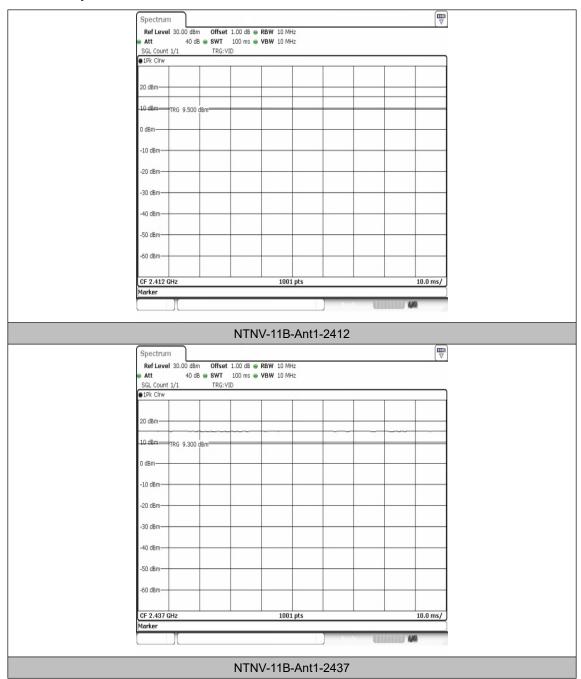
Appendix G: Duty Cycle

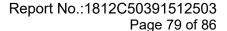
Test Result

			Transmission	Transmission	Duty Cycle	Factor
Test Mode	Antenna	Frequency[MHz]	Duration	Period [ms]	[%]	[dB]
			[ms]	r onou [mo]	[,0]	[dD]
11B	Ant1	2412	100.00	100.00	100.00	0.00
11B	Ant1	2437	100.00	100.00	100.00	0.00
11B	Ant1	2462	100.00	100.00	100.00	0.00
11G	Ant1	2412	100.00	100.00	100.00	0.00
11G	Ant1	2437	100.00	100.00	100.00	0.00
11G	Ant1	2462	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2412	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2462	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2422	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2452	100.00	100.00	100.00	0.00
11AX20SISO	Ant1	2412	100.00	100.00	100.00	0.00
11AX20SISO	Ant1	2437	100.00	100.00	100.00	0.00
11AX20SISO	Ant1	2462	100.00	100.00	100.00	0.00
11AX40SISO	Ant1	2422	100.00	100.00	100.00	0.00
11AX40SISO	Ant1	2437	100.00	100.00	100.00	0.00
11AX40SISO	Ant1	2452	100.00	100.00	100.00	0.00

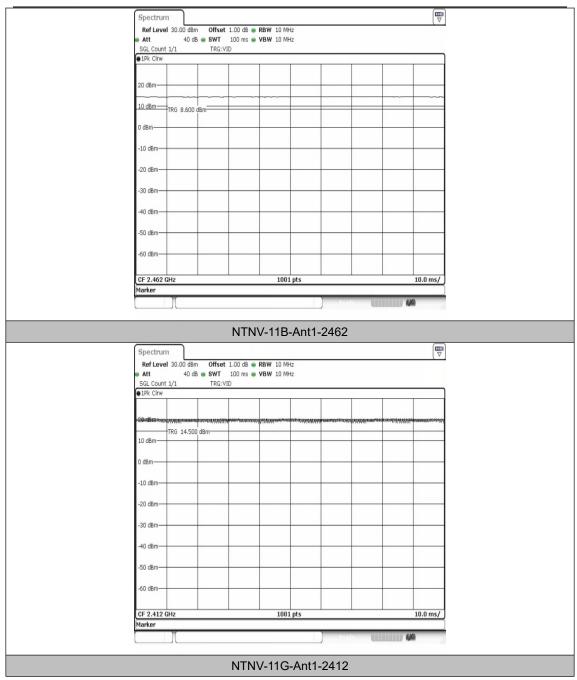


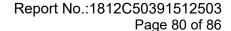
Test Graphs



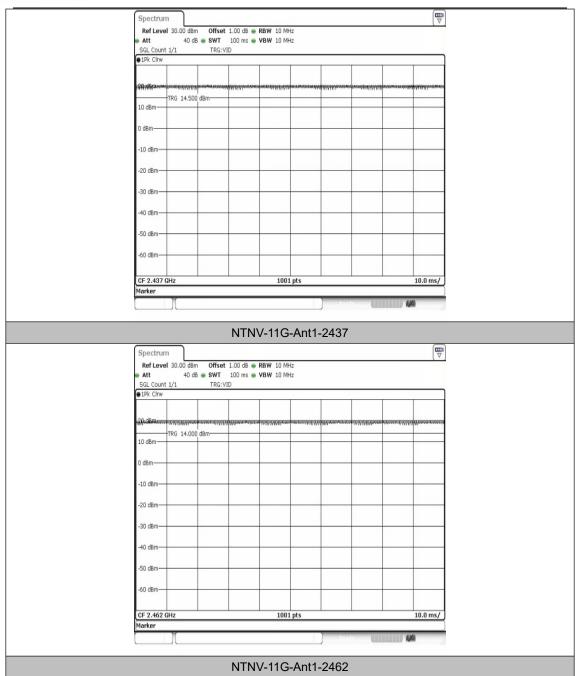


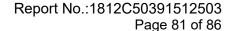




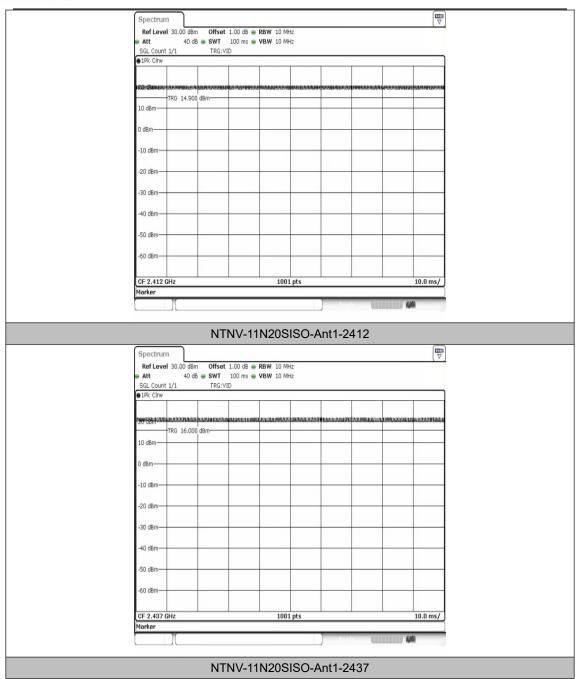


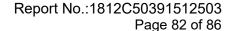




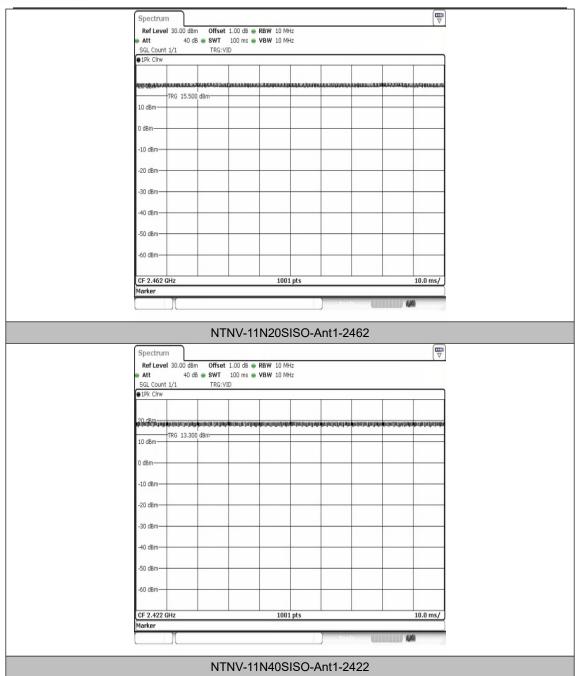


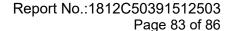




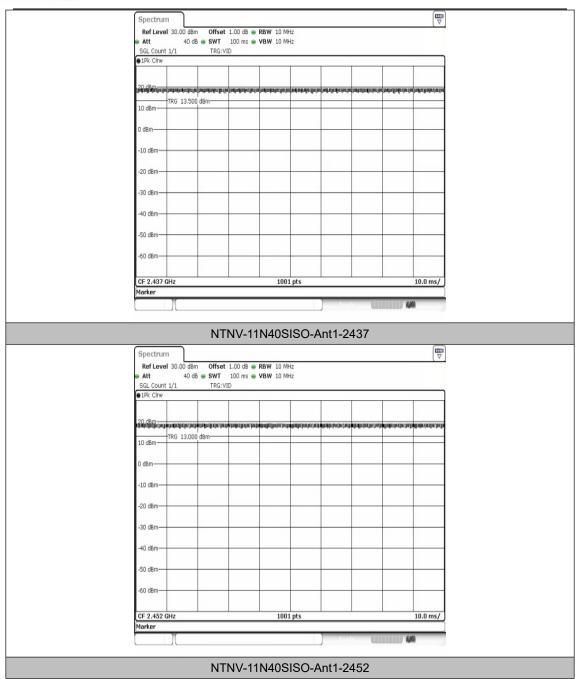


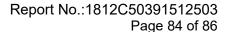




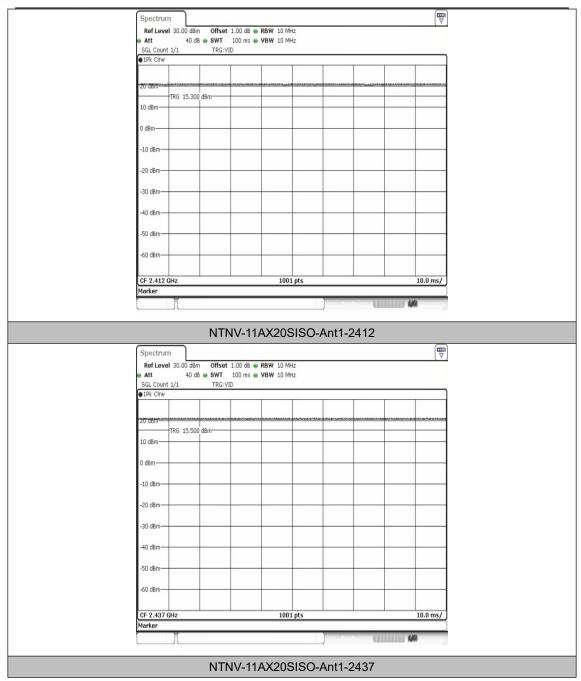


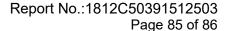




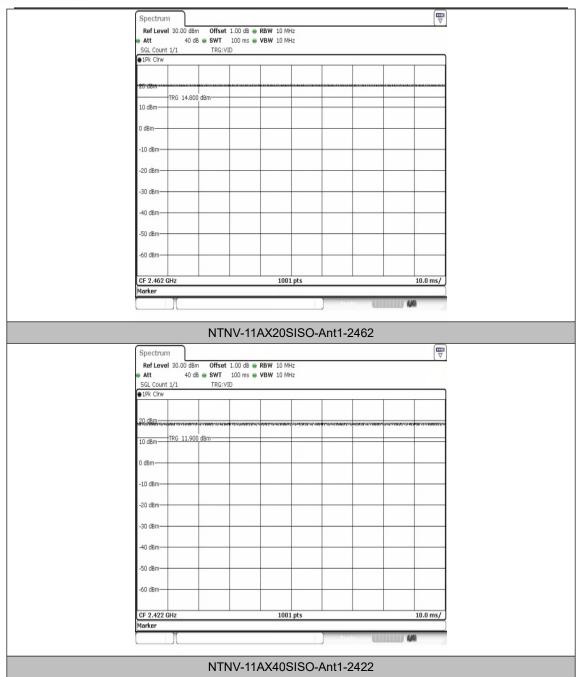




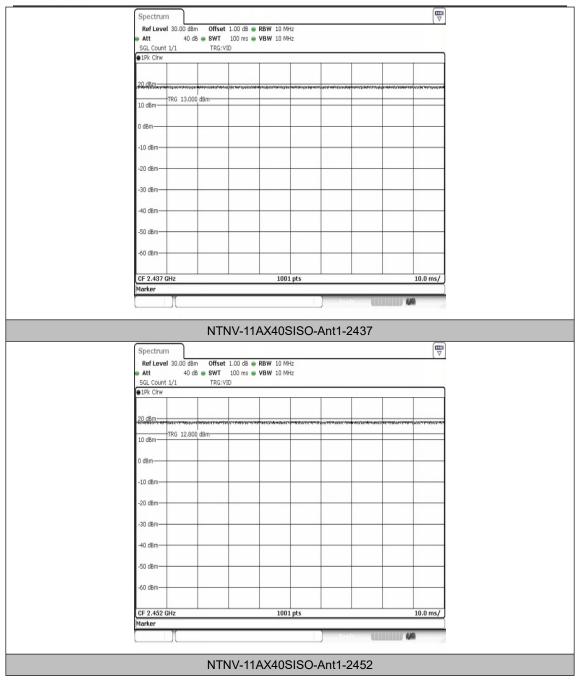












---End---