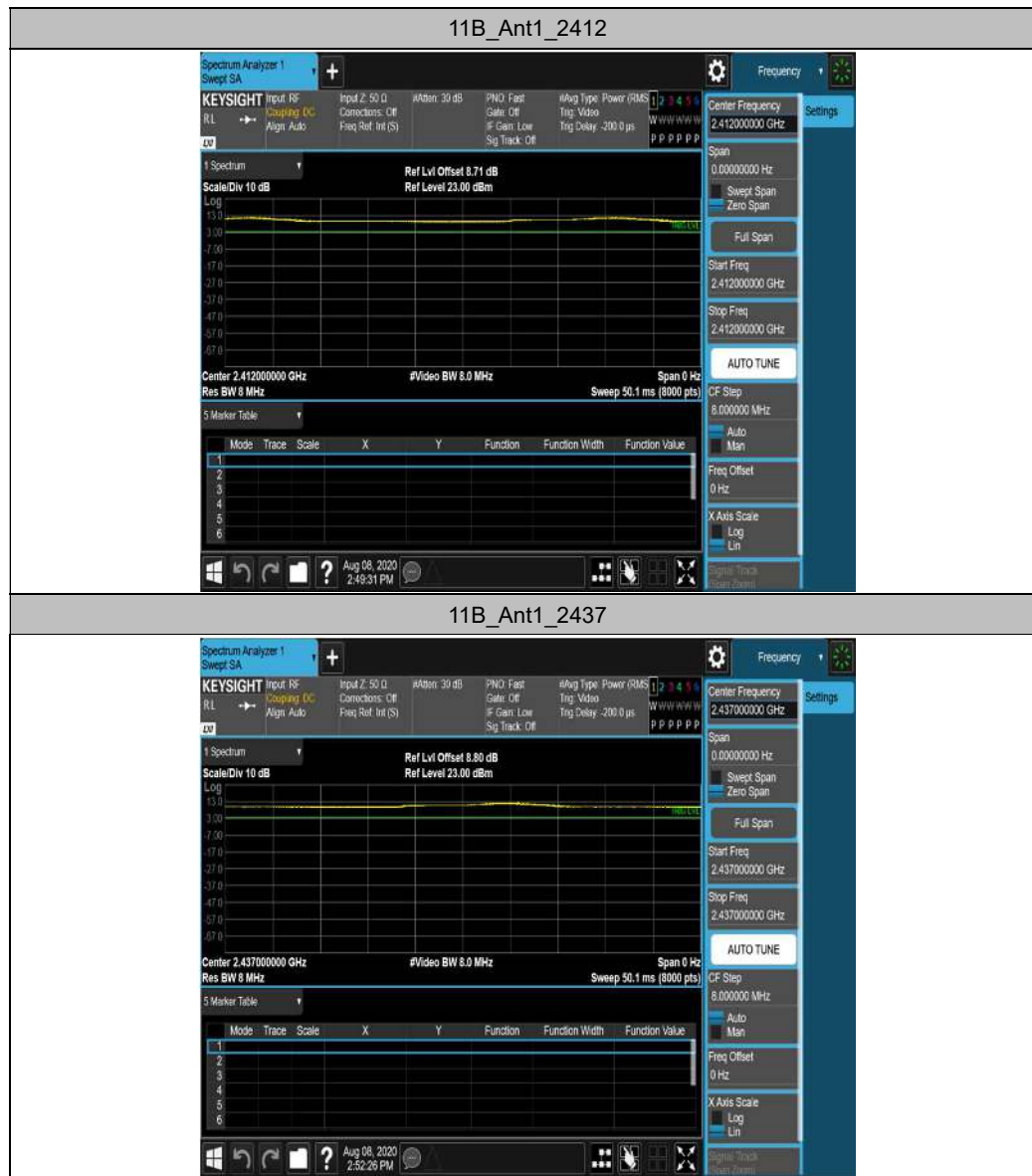


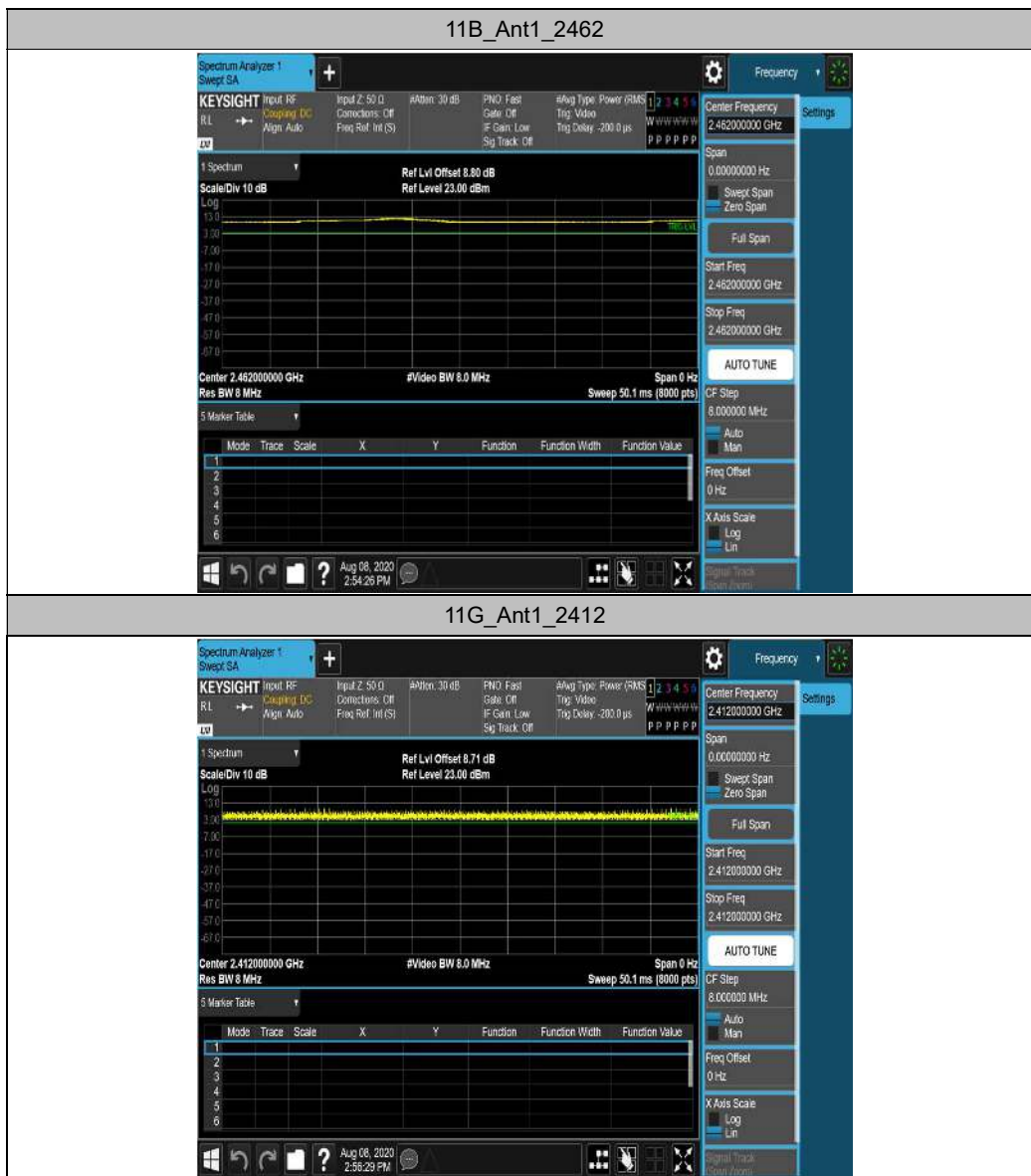
Appendix A: Duty Cycle

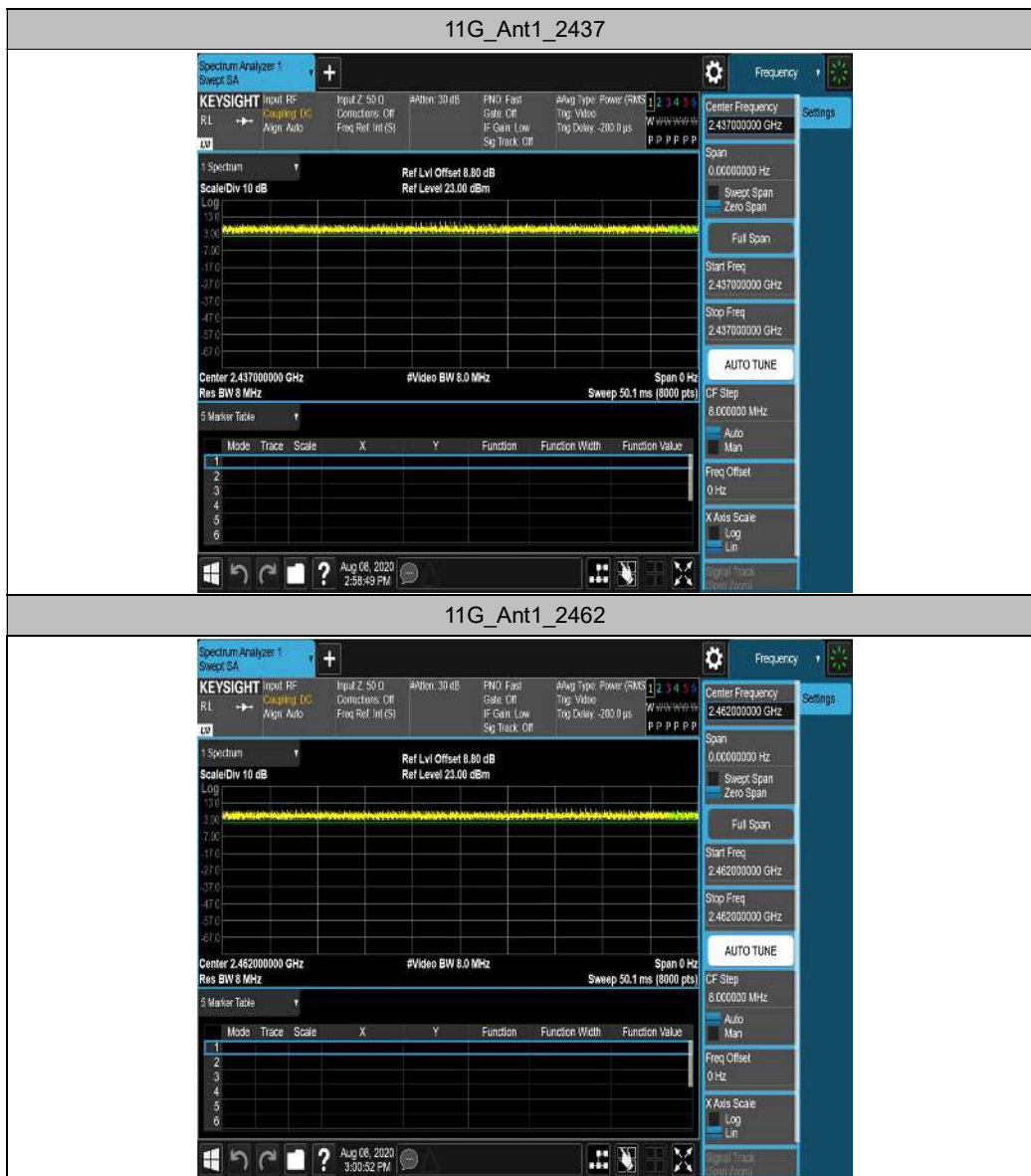
Test Result

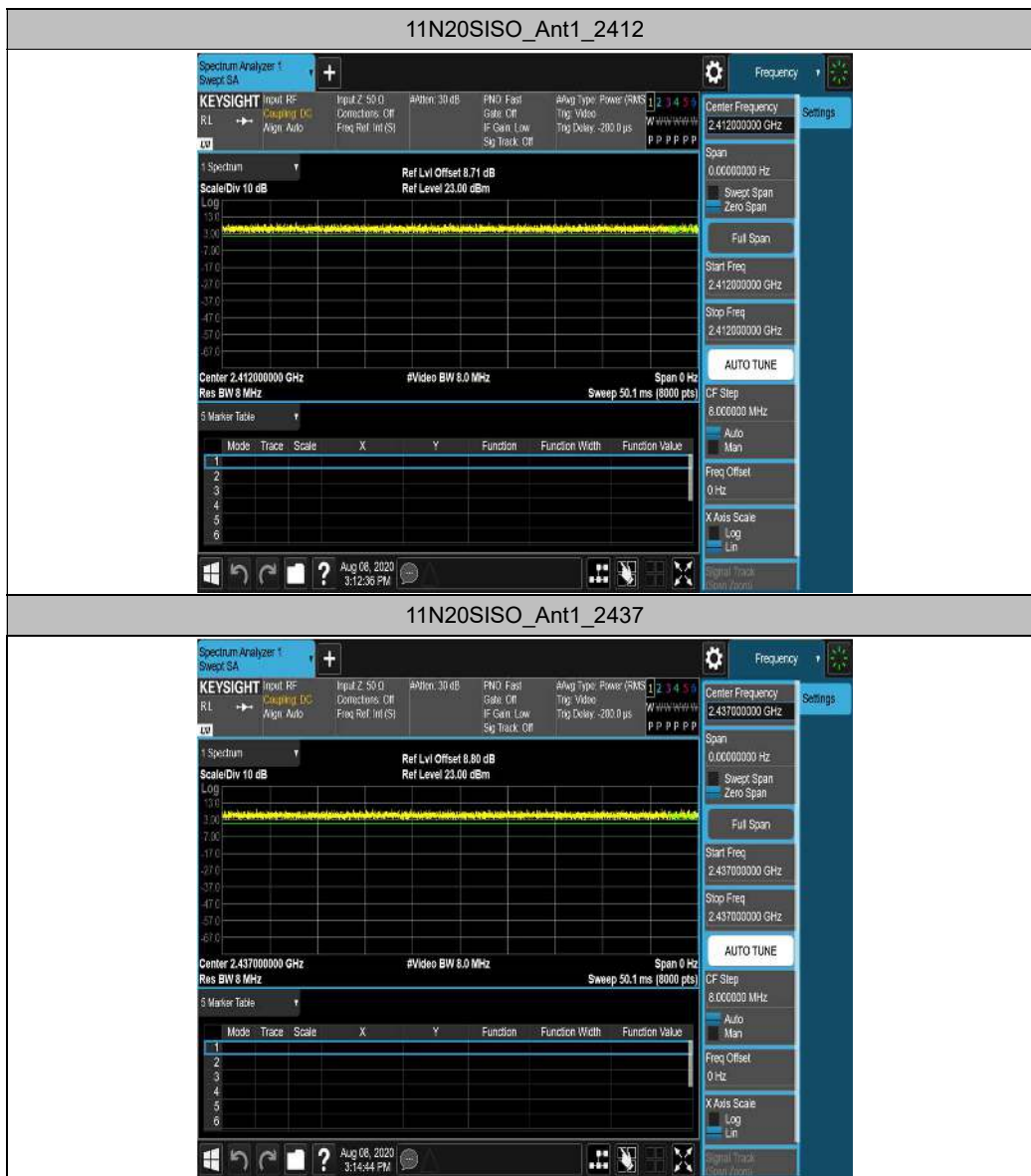
TestMode	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	2412	50.00	50.00	100.00
	2437	50.00	50.00	100.00
	2462	50.00	50.00	100.00
11G	2412	50.00	50.00	100.00
	2437	50.00	50.00	100.00
	2462	50.00	50.00	100.00
11N20SISO	2412	50.00	50.00	100.00
	2437	50.00	50.00	100.00
	2462	50.00	50.00	100.00
11N40SISO	2422	50.00	50.00	100.00
	2437	50.00	50.00	100.00
	2452	50.00	50.00	100.00

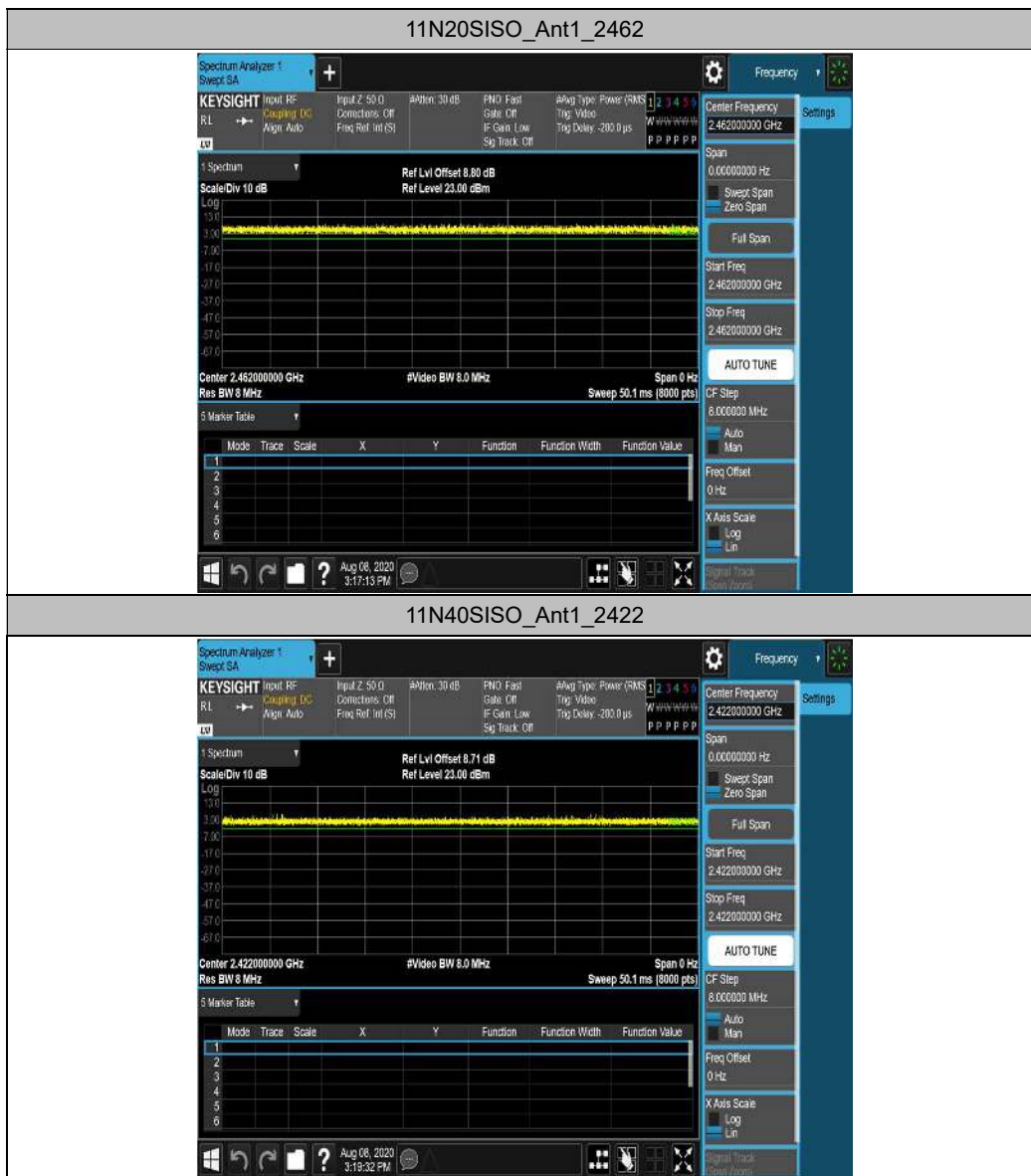
Test Graphs

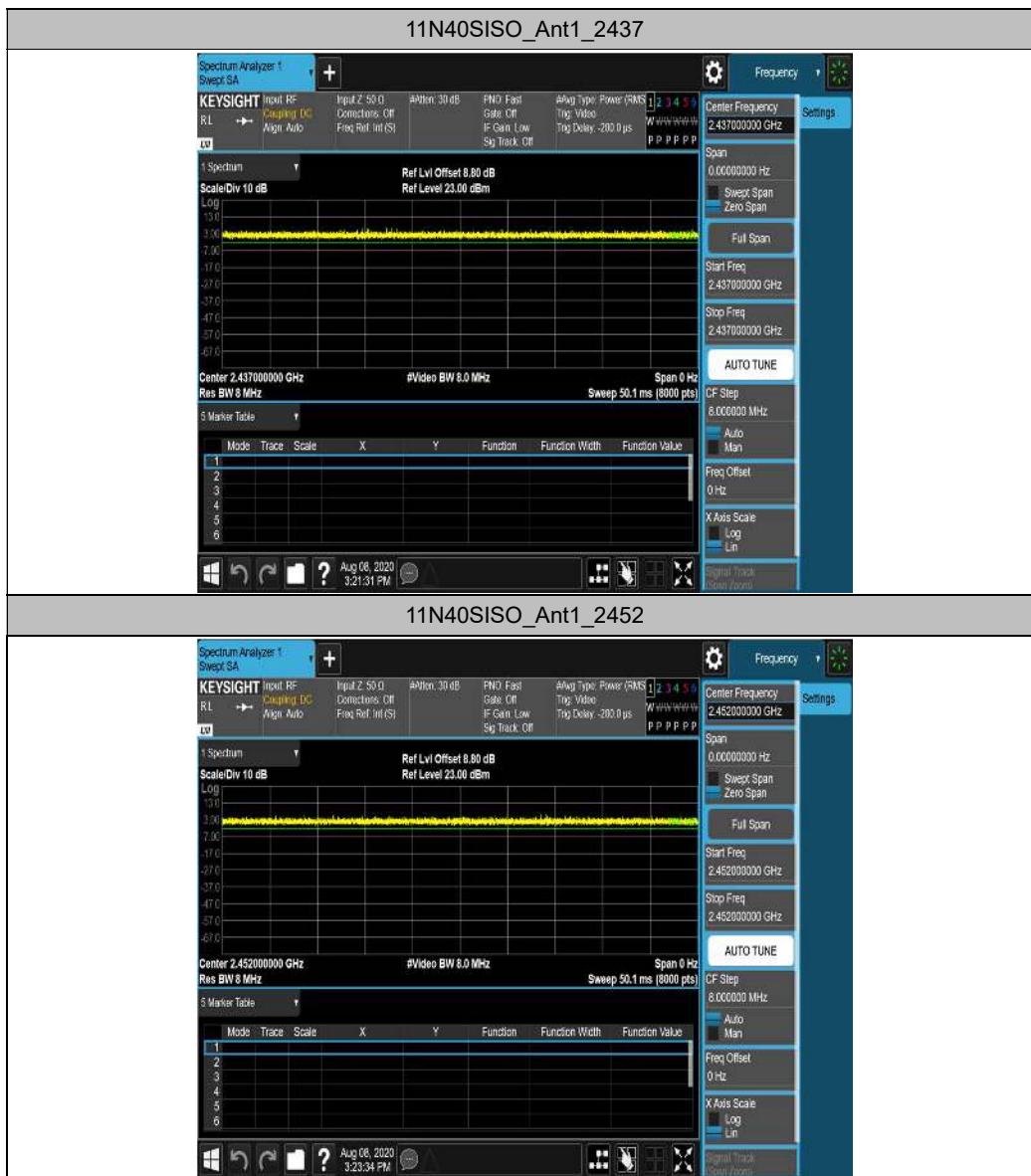












Appendix B: 6dB Bandwidth

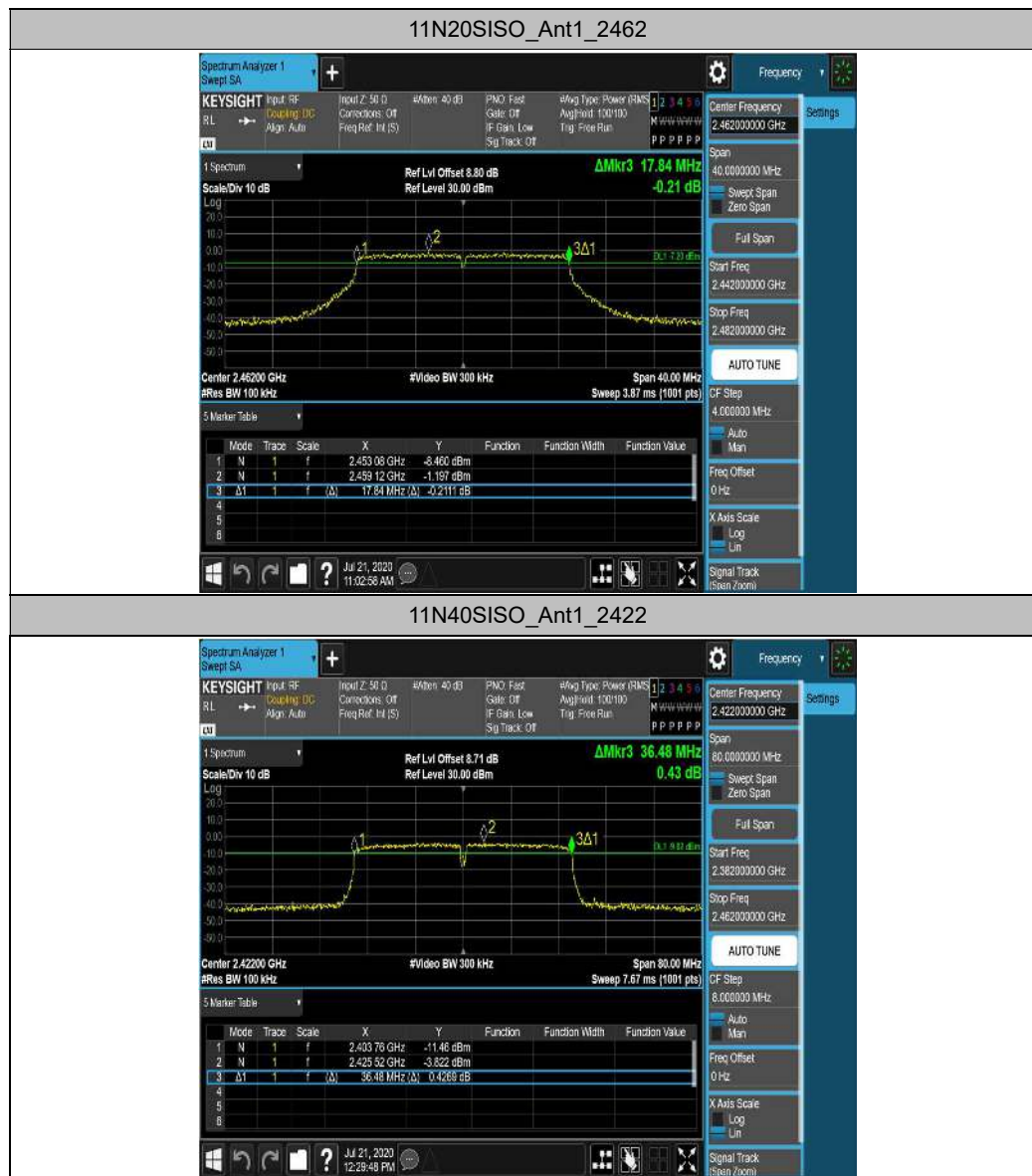
Test Result

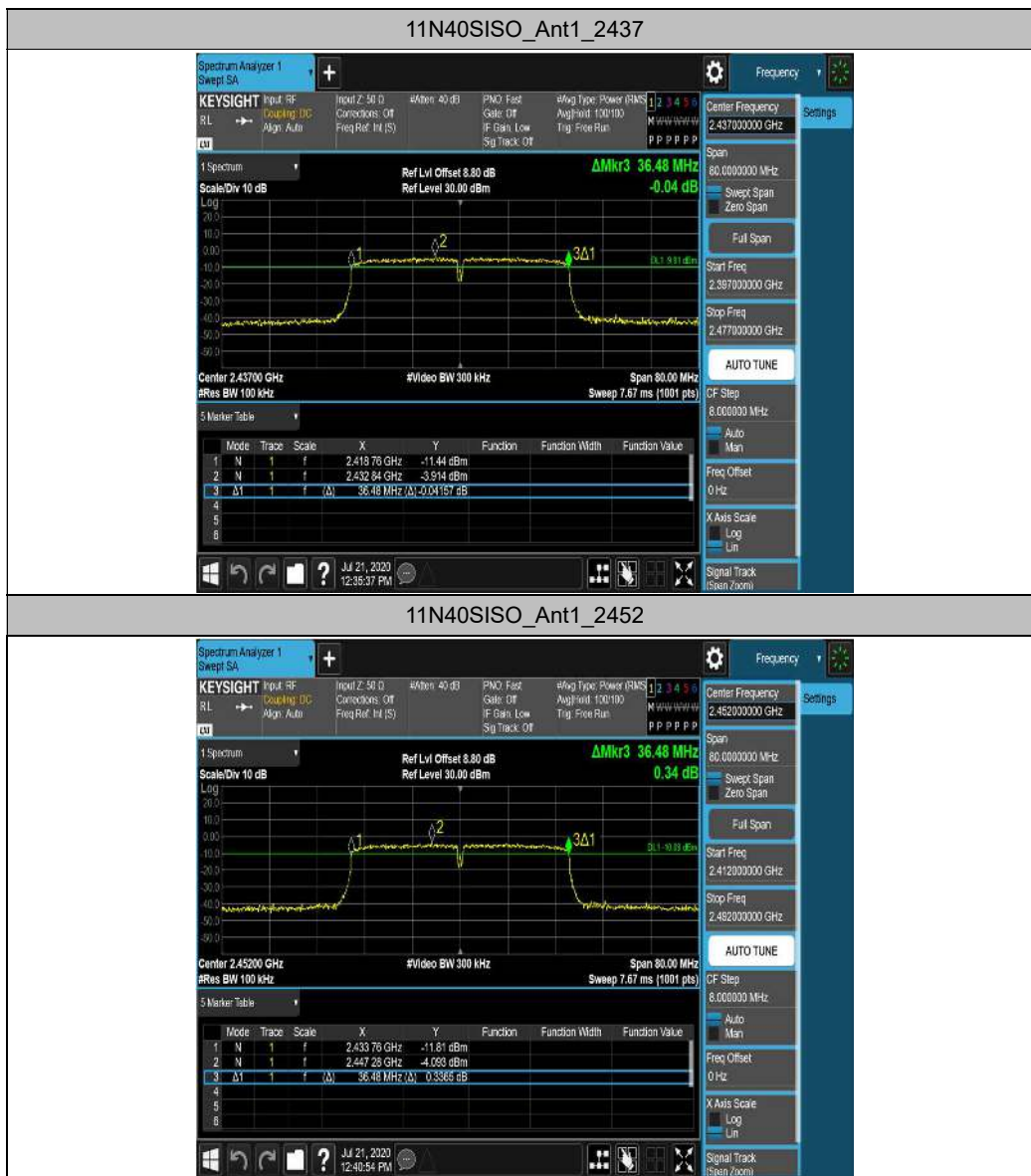
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.920	2417.000	≥ 0.5	PASS
		2437	10.160	2431.920	2442.080	≥ 0.5	PASS
		2462	10.120	2456.920	2467.040	≥ 0.5	PASS
11G	Ant1	2412	16.640	2403.680	2420.320	≥ 0.5	PASS
		2437	16.640	2428.680	2445.320	≥ 0.5	PASS
		2462	16.640	2453.680	2470.320	≥ 0.5	PASS
11N20SISO	Ant1	2412	17.800	2403.120	2420.920	≥ 0.5	PASS
		2437	17.760	2428.120	2445.880	≥ 0.5	PASS
		2462	17.840	2453.080	2470.920	≥ 0.5	PASS
11N40SISO	Ant1	2422	36.480	2403.760	2440.240	≥ 0.5	PASS
		2437	36.480	2418.760	2455.240	≥ 0.5	PASS
		2452	36.480	2433.760	2470.240	≥ 0.5	PASS











Appendix C: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.915	2404.545	2419.460	---	PASS
		2437	14.899	2429.532	2444.431	---	PASS
		2462	15.134	2454.430	2469.564	---	PASS
11G	Ant1	2412	17.018	2403.426	2420.444	---	PASS
		2437	17.026	2428.405	2445.431	---	PASS
		2462	17.119	2453.325	2470.444	---	PASS
11N20SISO	Ant1	2412	18.032	2402.989	2421.021	---	PASS
		2437	18.058	2427.954	2446.012	---	PASS
		2462	18.082	2452.951	2471.033	---	PASS
11N40SISO	Ant1	2422	36.032	2404.036	2440.068	---	PASS
		2437	35.873	2419.097	2454.970	---	PASS
		2452	35.910	2434.068	2469.978	---	PASS

Test Graphs













Appendix D: Conducted output power and E.I.R.P for DTS

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.66	<=30	PASS
		2437	15.12	<=30	PASS
		2462	15.07	<=30	PASS
11G	Ant1	2412	10.50	<=30	PASS
		2437	10.52	<=30	PASS
		2462	10.34	<=30	PASS
11N20SISO	Ant1	2412	10.93	<=30	PASS
		2437	10.69	<=30	PASS
		2462	10.57	<=30	PASS
11N40SISO	Ant1	2422	6.41	<=30	PASS
		2437	6.47	<=30	PASS
		2452	6.38	<=30	PASS

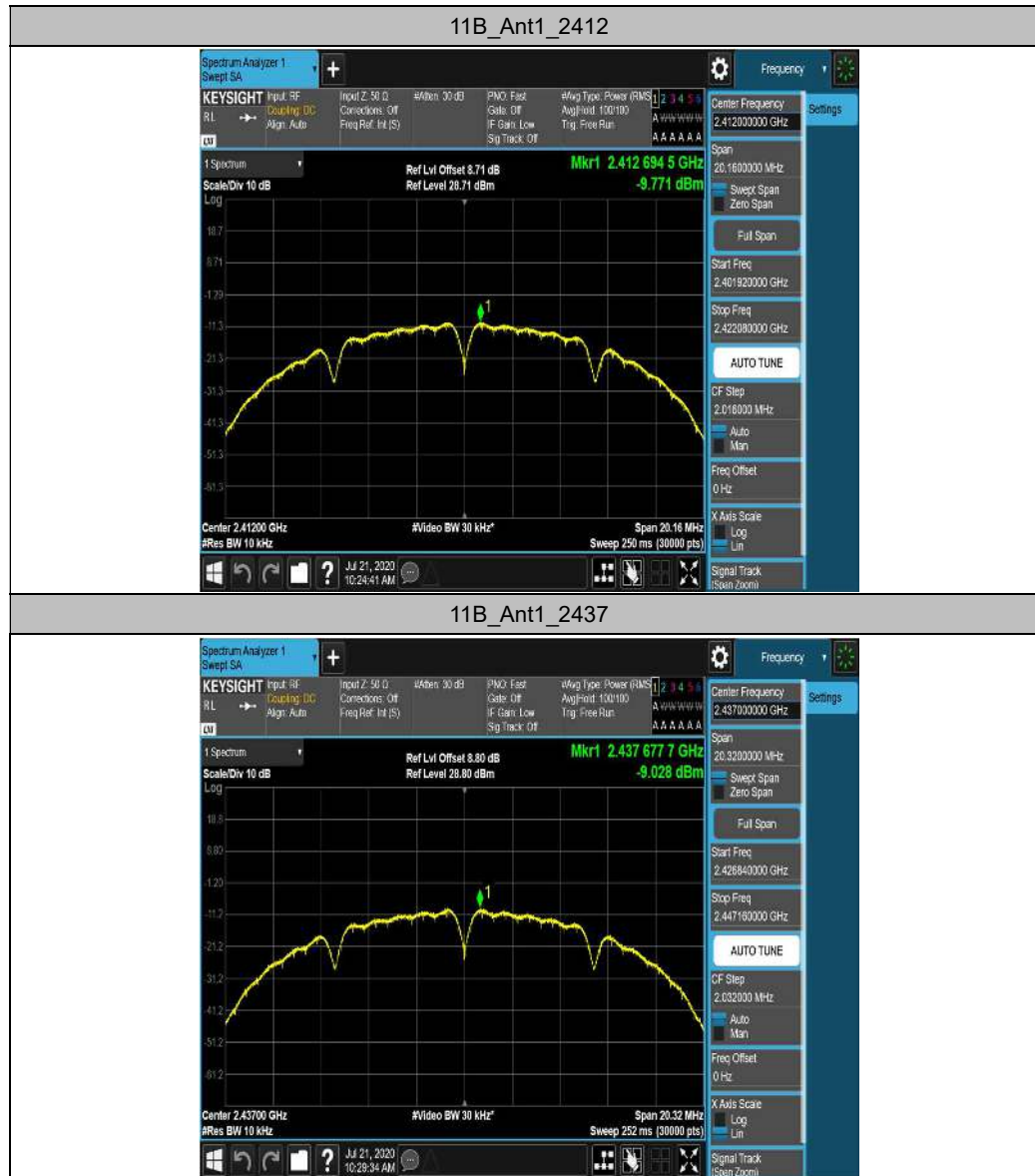
TestMode	Antenna	Channel	Conducted Power [dBm]	E.I.R.P [dBm]	Conducted Limit [dBm]	E.I.R.P Limit (dBm)	Verdict
11B	Ant1	2412	14.66	17.16	<=30	<=36	PASS
		2437	15.12	17.62	<=30	<=36	PASS
		2462	15.07	17.57	<=30	<=36	PASS
11G	Ant1	2412	10.50	13.00	<=30	<=36	PASS
		2437	10.52	13.02	<=30	<=36	PASS
		2462	10.34	12.84	<=30	<=36	PASS
11N20SISO	Ant1	2412	10.93	13.43	<=30	<=36	PASS
		2437	10.69	13.19	<=30	<=36	PASS
		2462	10.57	13.07	<=30	<=36	PASS
11N40SISO	Ant1	2422	6.41	8.91	<=30	<=36	PASS
		2437	6.47	8.97	<=30	<=36	PASS
		2452	6.38	8.88	<=30	<=36	PASS

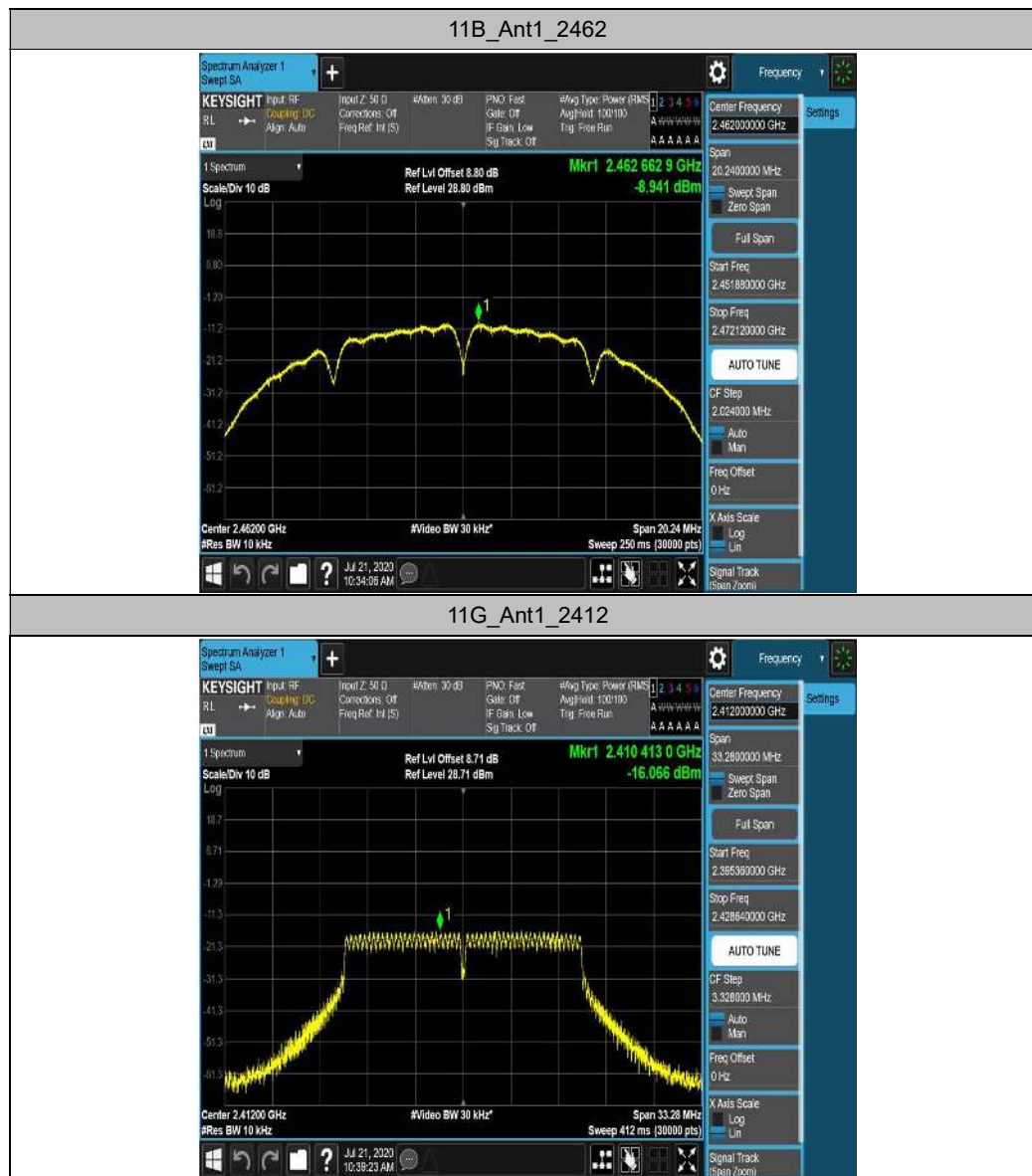
Appendix D: Maximum power spectral density

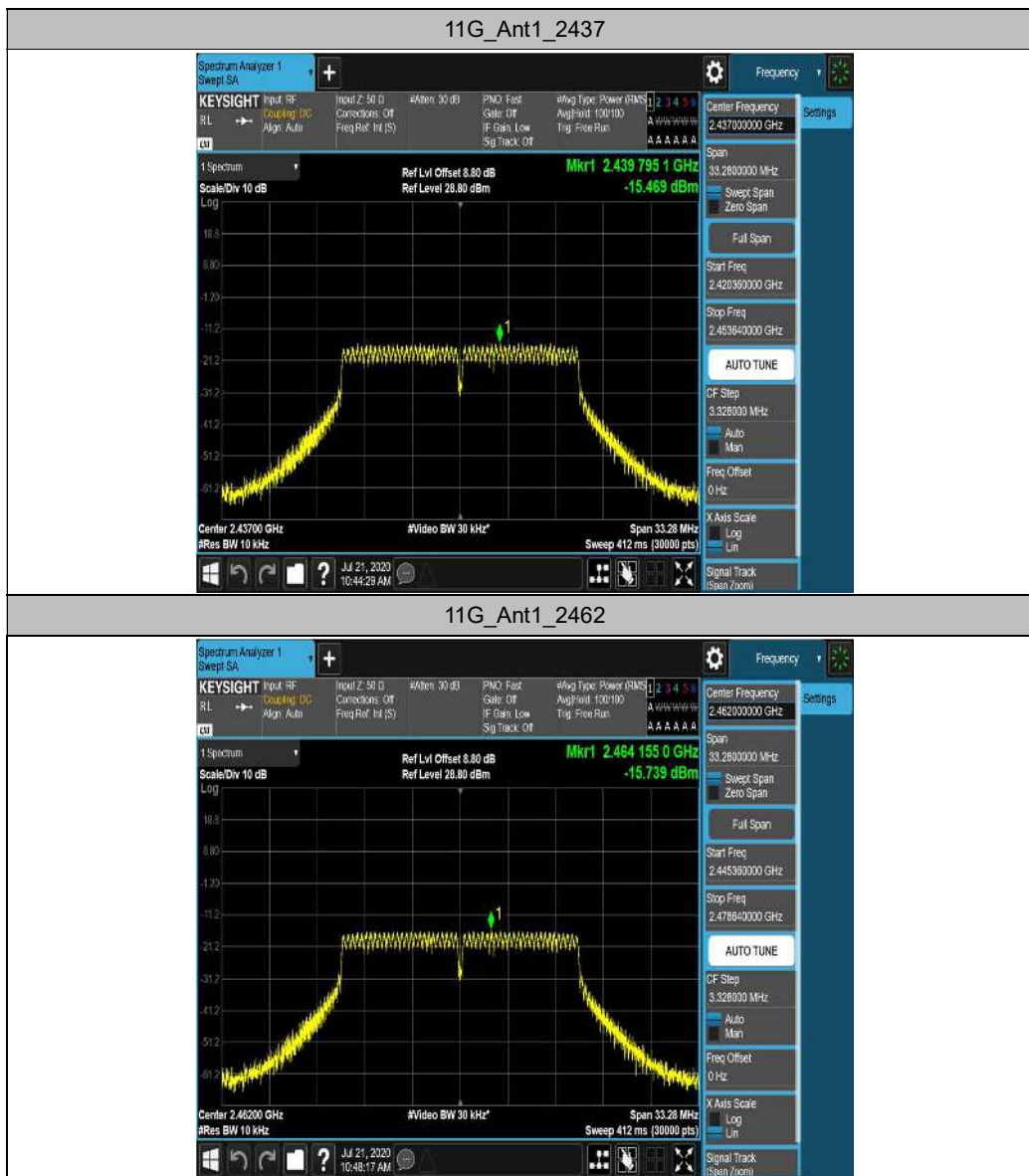
Test Result

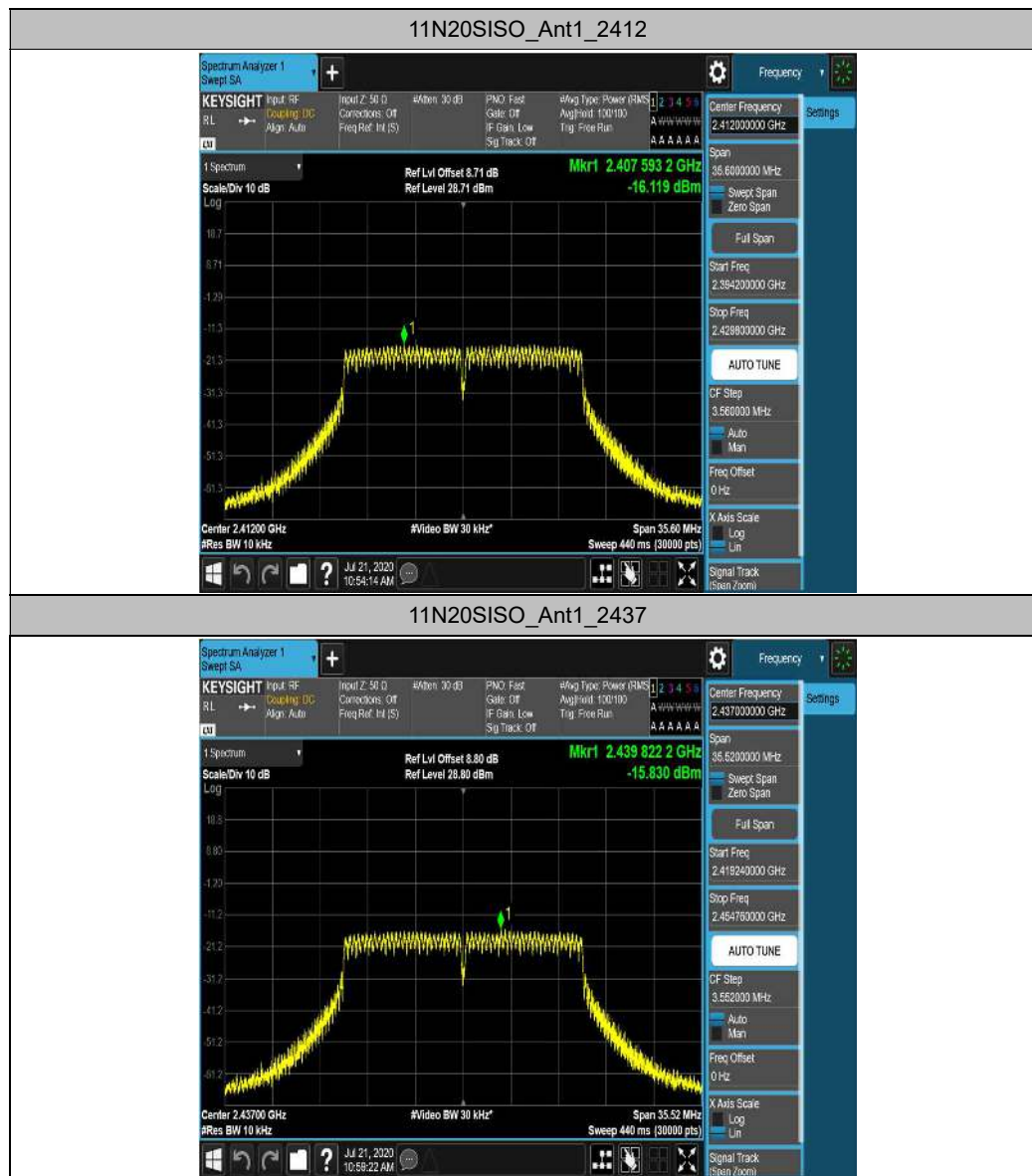
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.77	<=8	PASS
		2437	-9.03	<=8	PASS
		2462	-9.04	<=8	PASS
11G	Ant1	2412	-16.07	<=8	PASS
		2437	-15.47	<=8	PASS
		2462	-15.74	<=8	PASS
11N20SISO	Ant1	2412	-16.12	<=8	PASS
		2437	-15.83	<=8	PASS
		2462	-15.6	<=8	PASS
11N40SISO	Ant1	2422	-16.65	<=8	PASS
		2437	-16.5	<=8	PASS
		2452	-16.64	<=8	PASS

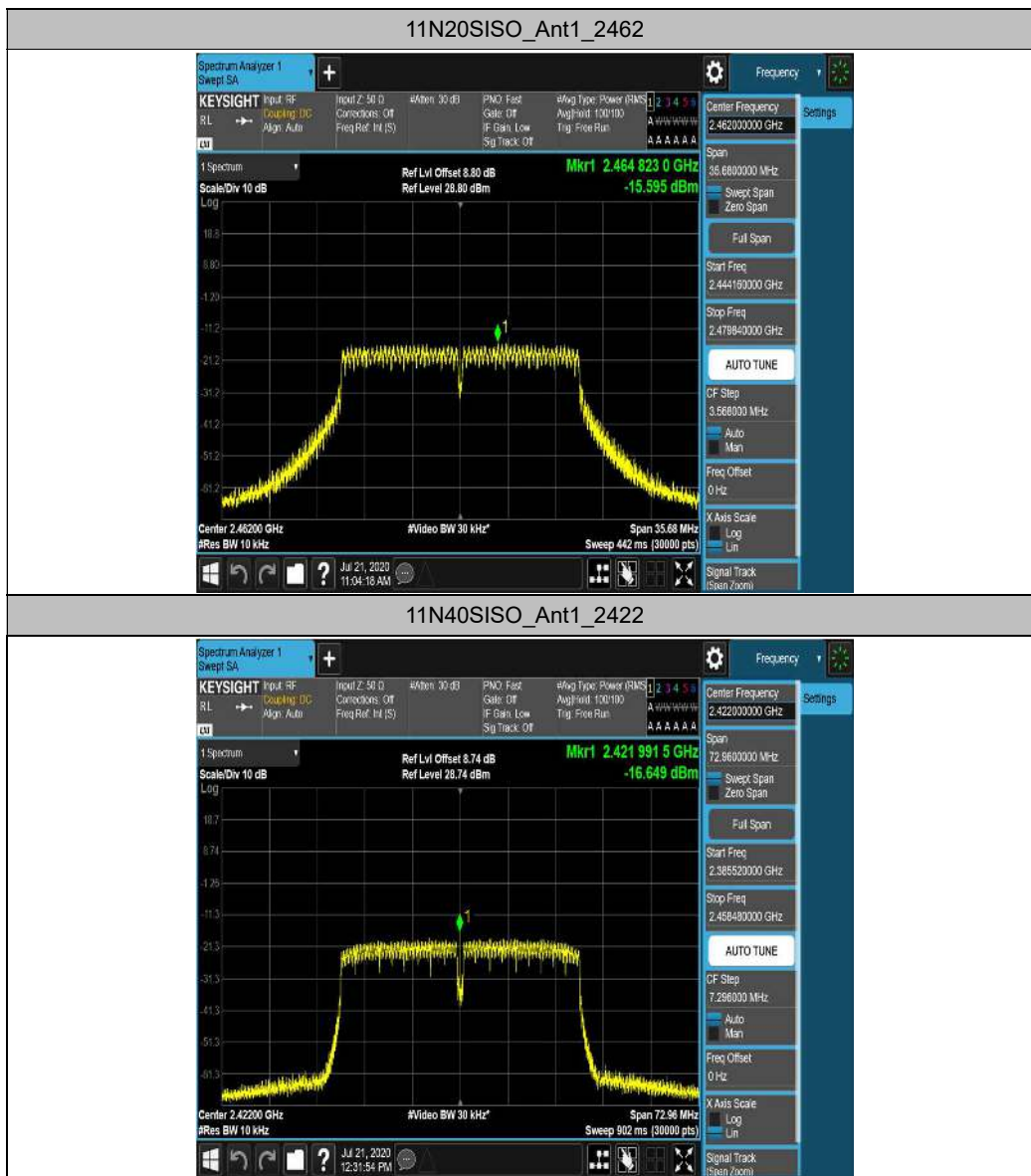
Test Graphs

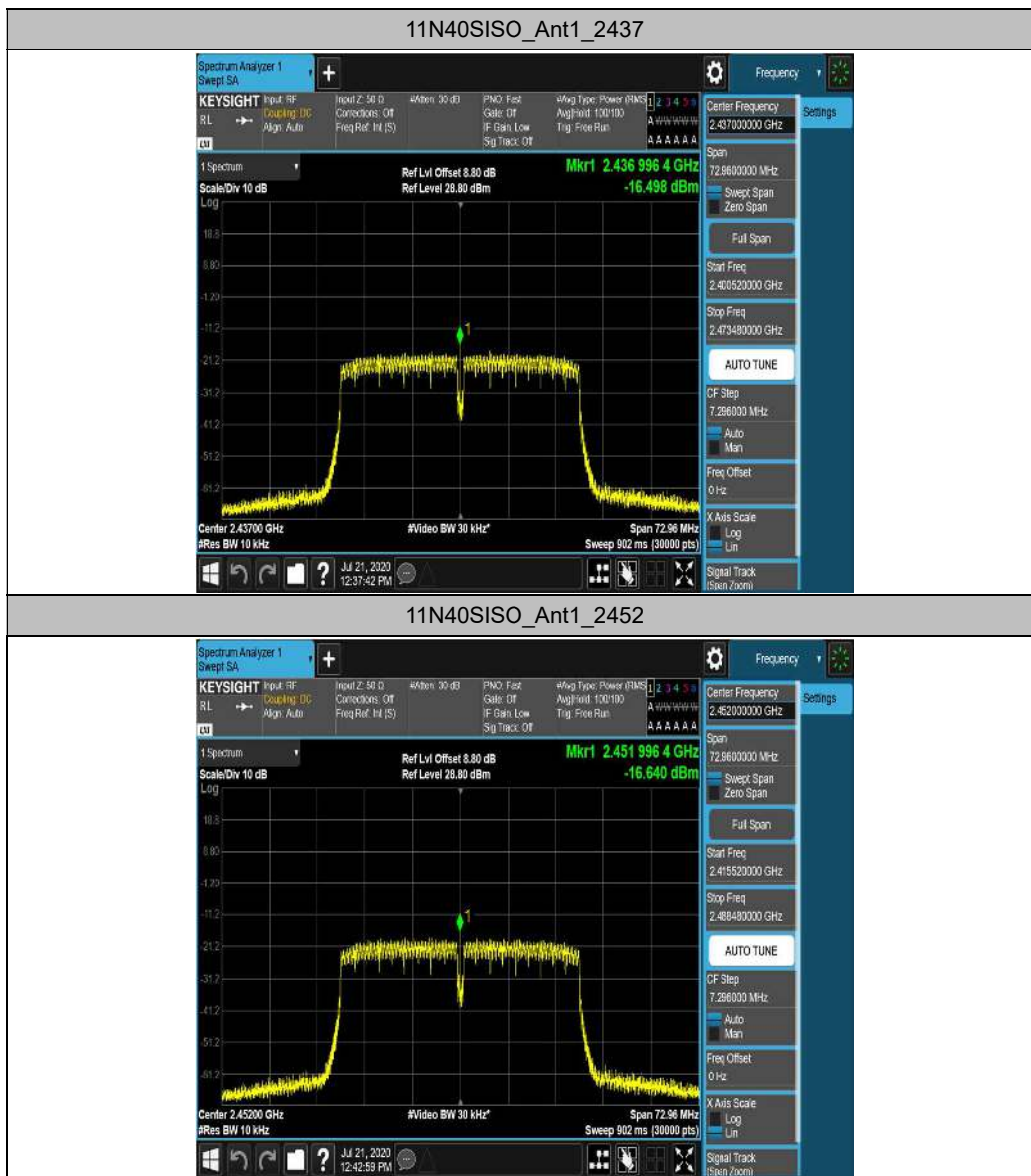












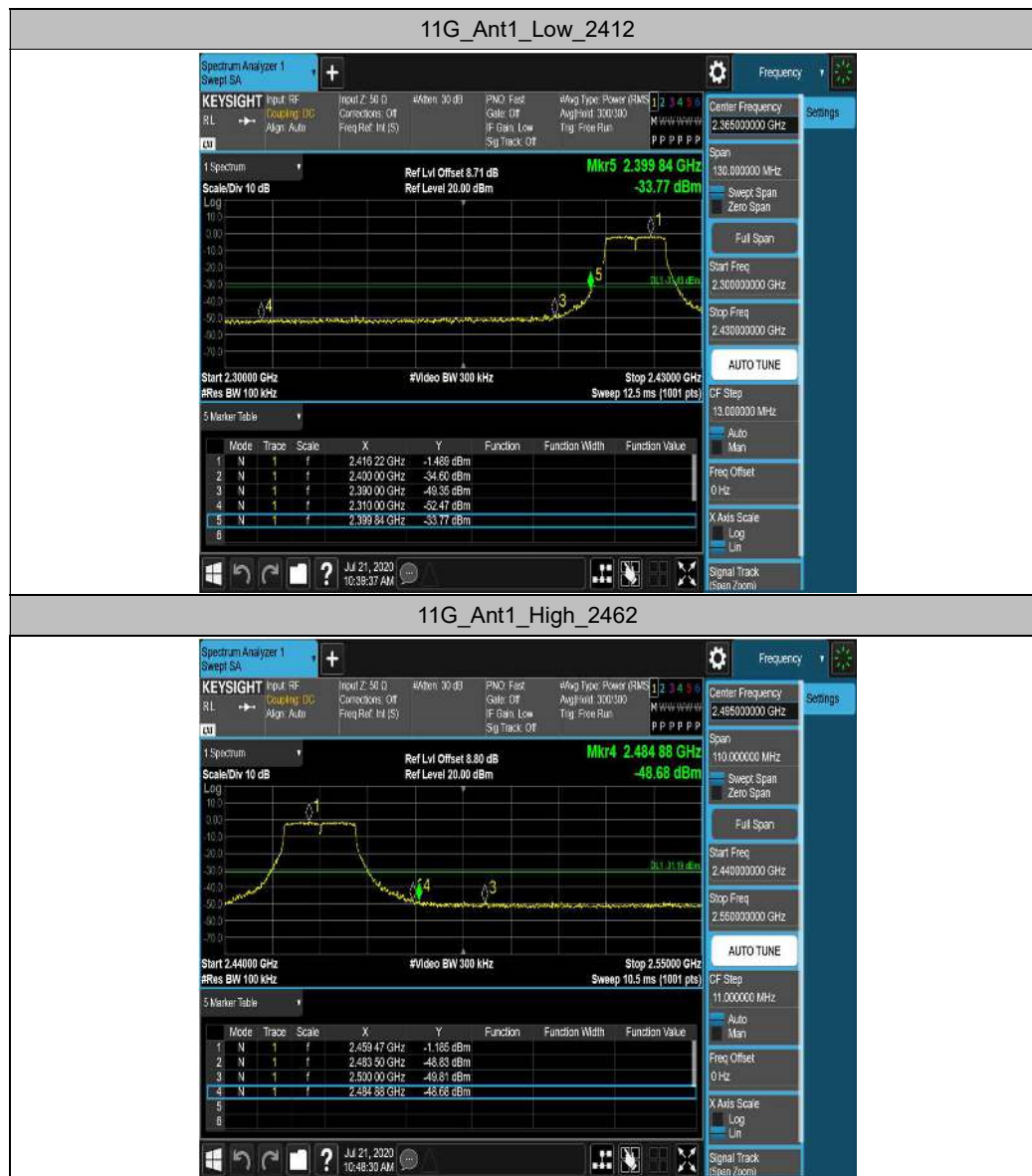
Appendix F: Band edge measurements

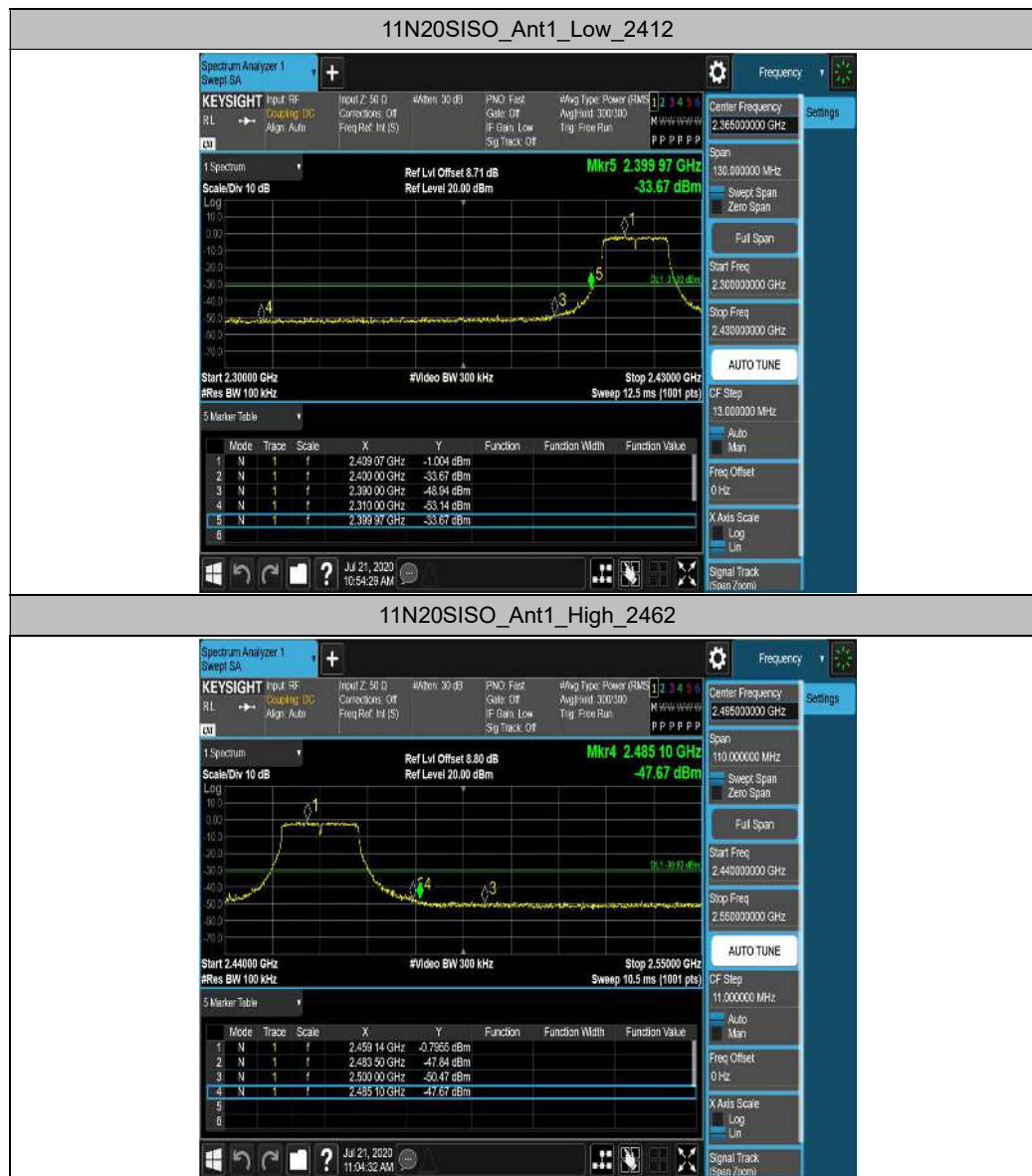
Test Result

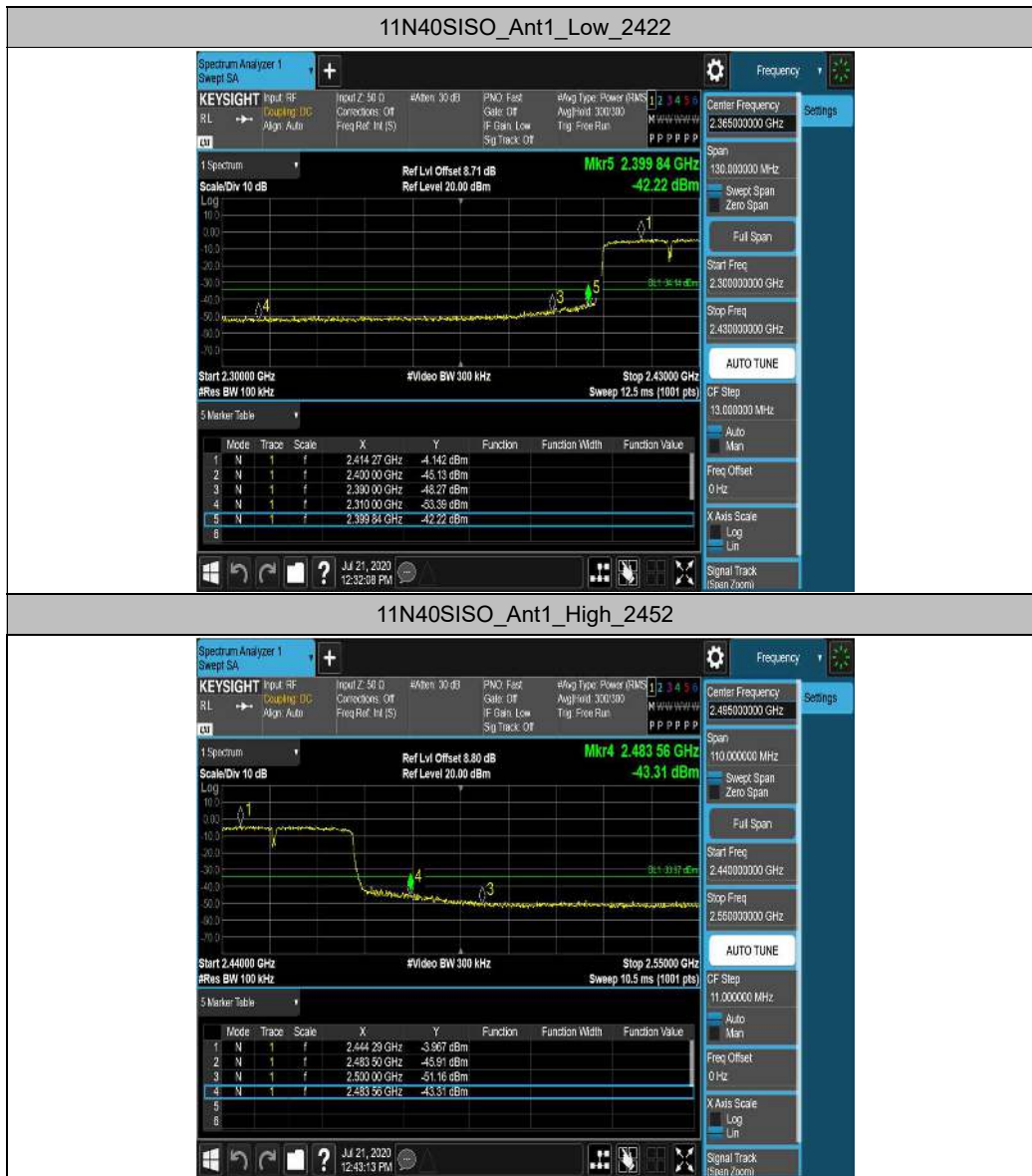
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.55	-31.95	<=-22.45	PASS
		High	2462	7.83	-47.81	<=-22.17	PASS
11G	Ant1	Low	2412	-1.49	-33.77	<=-31.49	PASS
		High	2462	-1.19	-48.68	<=-31.19	PASS
11N20SISO	Ant1	Low	2412	-1.00	-33.67	<=-31.00	PASS
		High	2462	-0.80	-47.67	<=-30.80	PASS
11N40SISO	Ant1	Low	2422	-4.14	-42.22	<=-34.14	PASS
		High	2452	-3.97	-43.31	<=-33.97	PASS

Test Graphs









Appendix G: Conducted Spurious Emission

Test Result

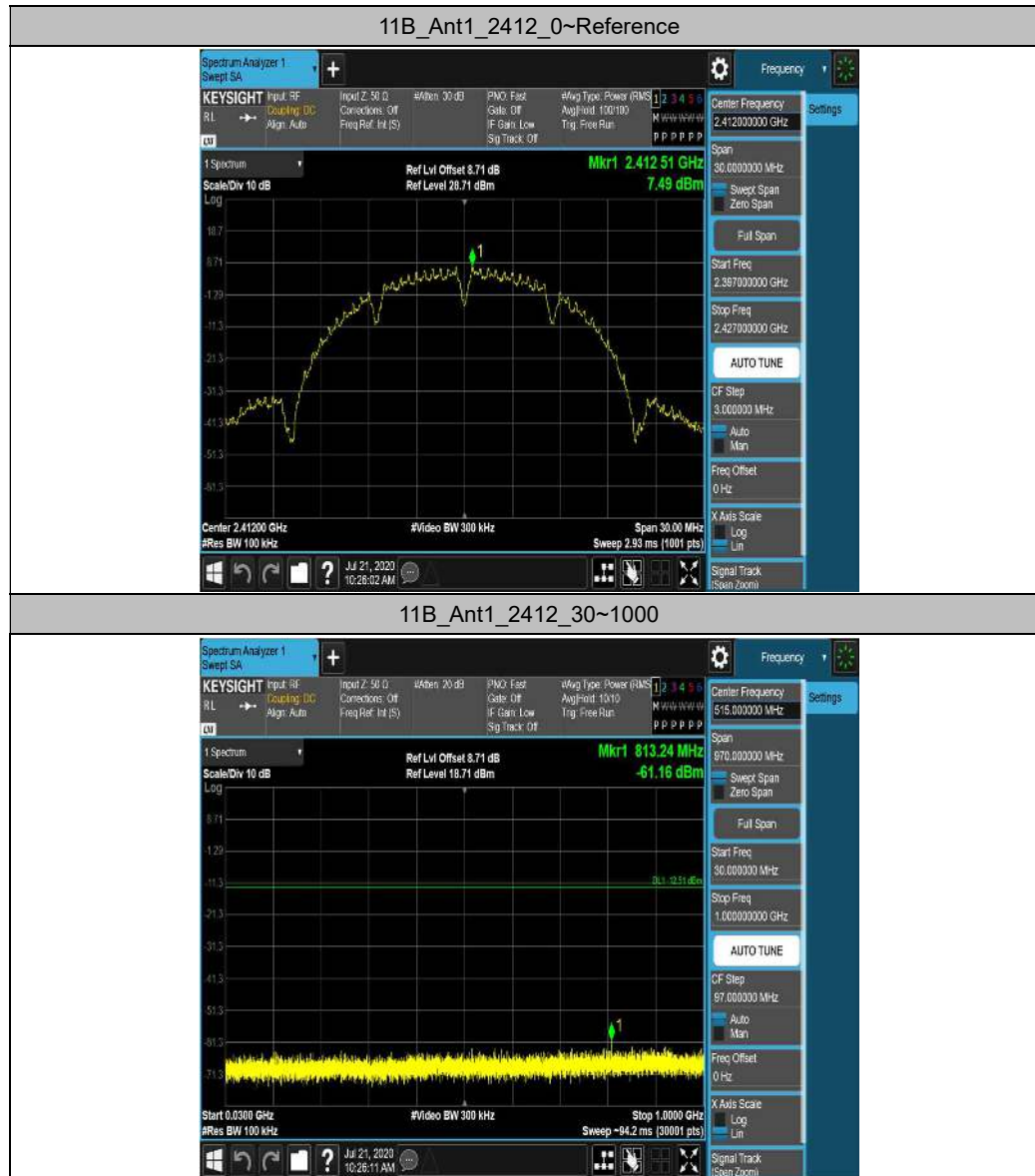
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.49	7.49	---	PASS
			30~1000	30~1000	-61.159	<=-12.508	PASS
			1000~26500	1000~26500	-33.655	<=-12.508	PASS
		2437	Reference	7.94	7.94	---	PASS
			30~1000	30~1000	-62.623	<=-12.064	PASS
			1000~26500	1000~26500	-52.494	<=-12.064	PASS
		2462	Reference	7.69	7.69	---	PASS
			30~1000	30~1000	-61.951	<=-12.313	PASS
			1000~26500	1000~26500	-52.837	<=-12.313	PASS
11G	Ant1	2412	Reference	-1.46	-1.46	---	PASS
			30~1000	30~1000	-60.599	<=-21.456	PASS
			1000~26500	1000~26500	-34.098	<=-21.456	PASS
		2437	Reference	-1.03	-1.03	---	PASS
			30~1000	30~1000	-60.19	<=-21.031	PASS
			1000~26500	1000~26500	-53.25	<=-21.031	PASS
		2462	Reference	-1.28	-1.28	---	PASS
			30~1000	30~1000	-61.891	<=-21.276	PASS
			1000~26500	1000~26500	-52.875	<=-21.276	PASS
11N20SISO	Ant1	2412	Reference	-1.69	-1.69	---	PASS
			30~1000	30~1000	-62.351	<=-21.692	PASS
			1000~26500	1000~26500	-34.1	<=-21.692	PASS
		2437	Reference	-1.07	-1.07	---	PASS
			30~1000	30~1000	-62.27	<=-21.072	PASS
			1000~26500	1000~26500	-53.396	<=-21.072	PASS
		2462	Reference	-1.06	-1.06	---	PASS
			30~1000	30~1000	-60.852	<=-21.062	PASS
			1000~26500	1000~26500	-52.255	<=-21.062	PASS
11N40SISO	Ant1	2422	Reference	-4.29	-4.29	---	PASS
			30~1000	30~1000	-61.698	<=-24.294	PASS
			1000~26500	1000~26500	-44.54	<=-24.294	PASS
		2437	Reference	-3.94	-3.94	---	PASS
			30~1000	30~1000	-61.811	<=-23.941	PASS
			1000~26500	1000~26500	-51.881	<=-23.941	PASS
		2452	Reference	-4.07	-4.07	---	PASS
			30~1000	30~1000	-62.589	<=-24.072	PASS
			1000~26500	1000~26500	-45.942	<=-24.072	PASS

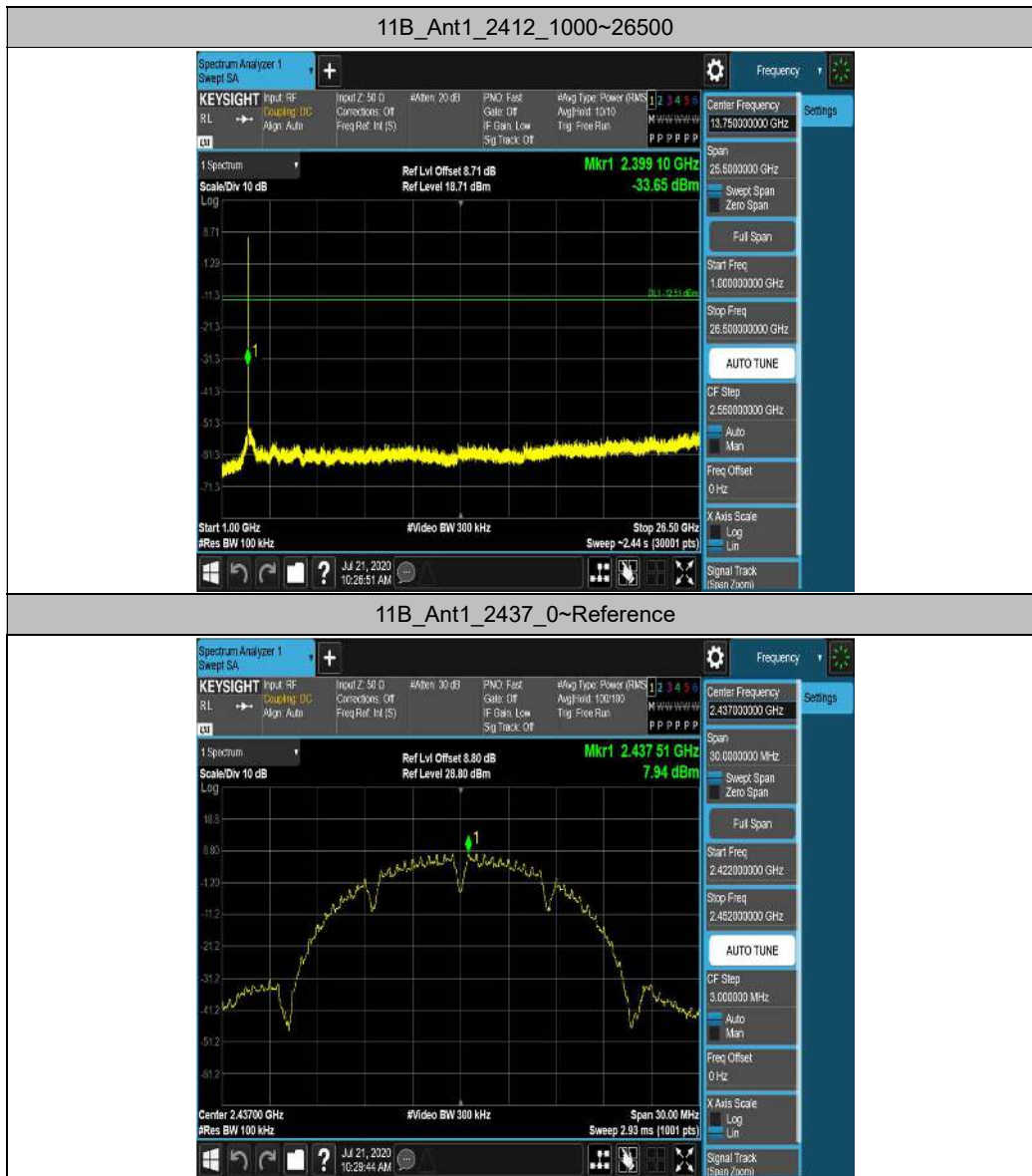
Test Report No.: EFG20070186-01-E01

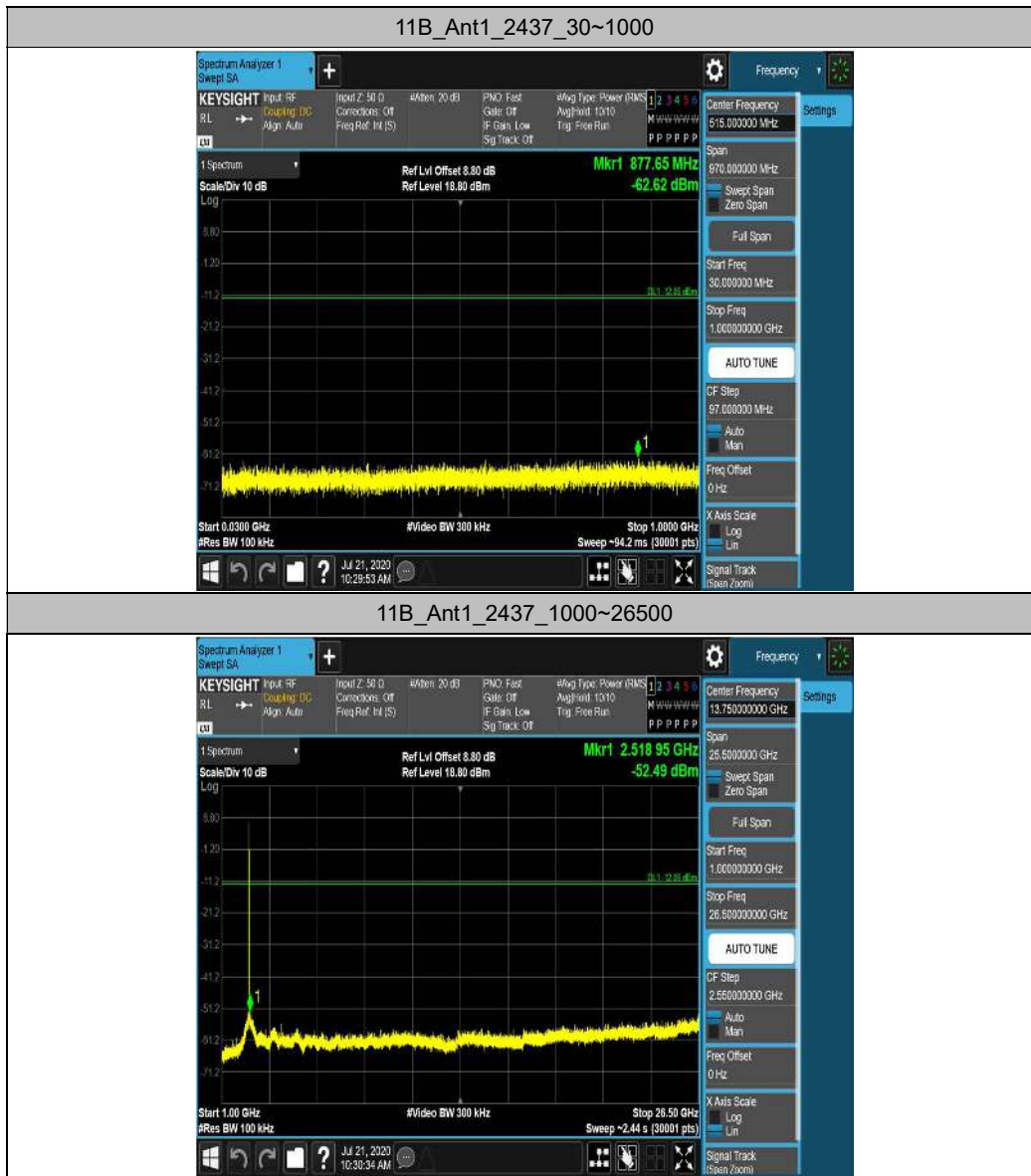
Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

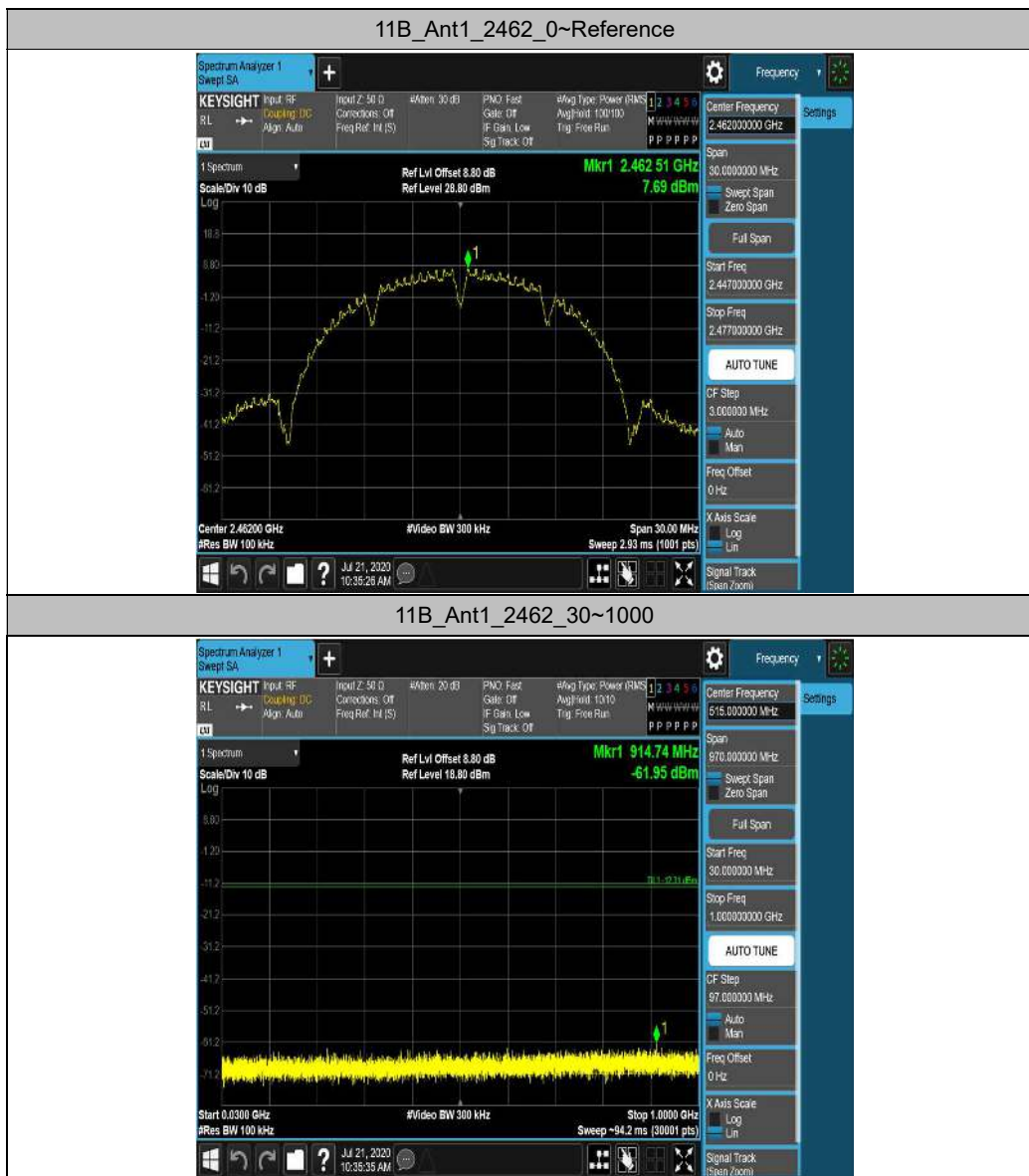
1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen. P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

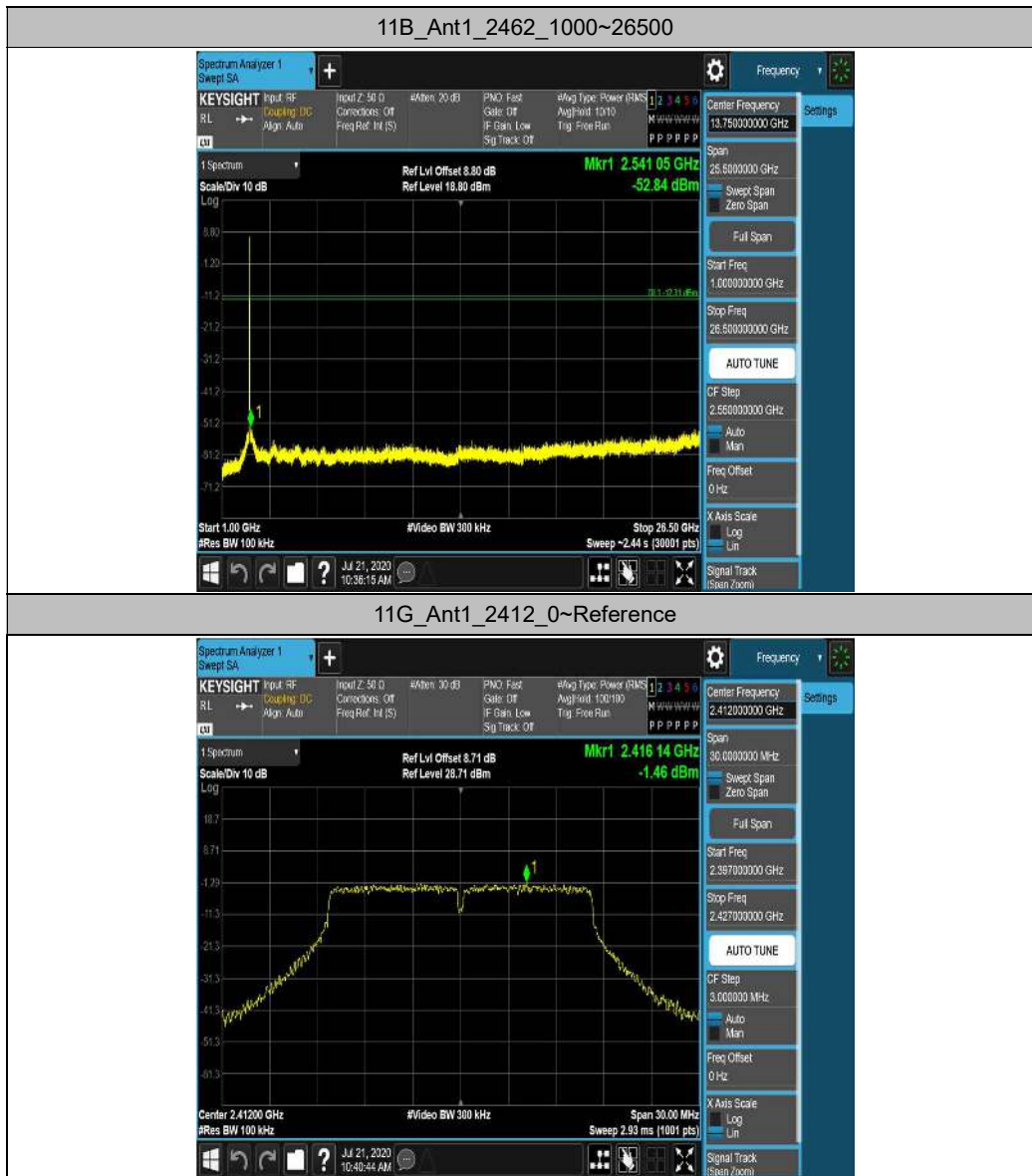
Test Graphs

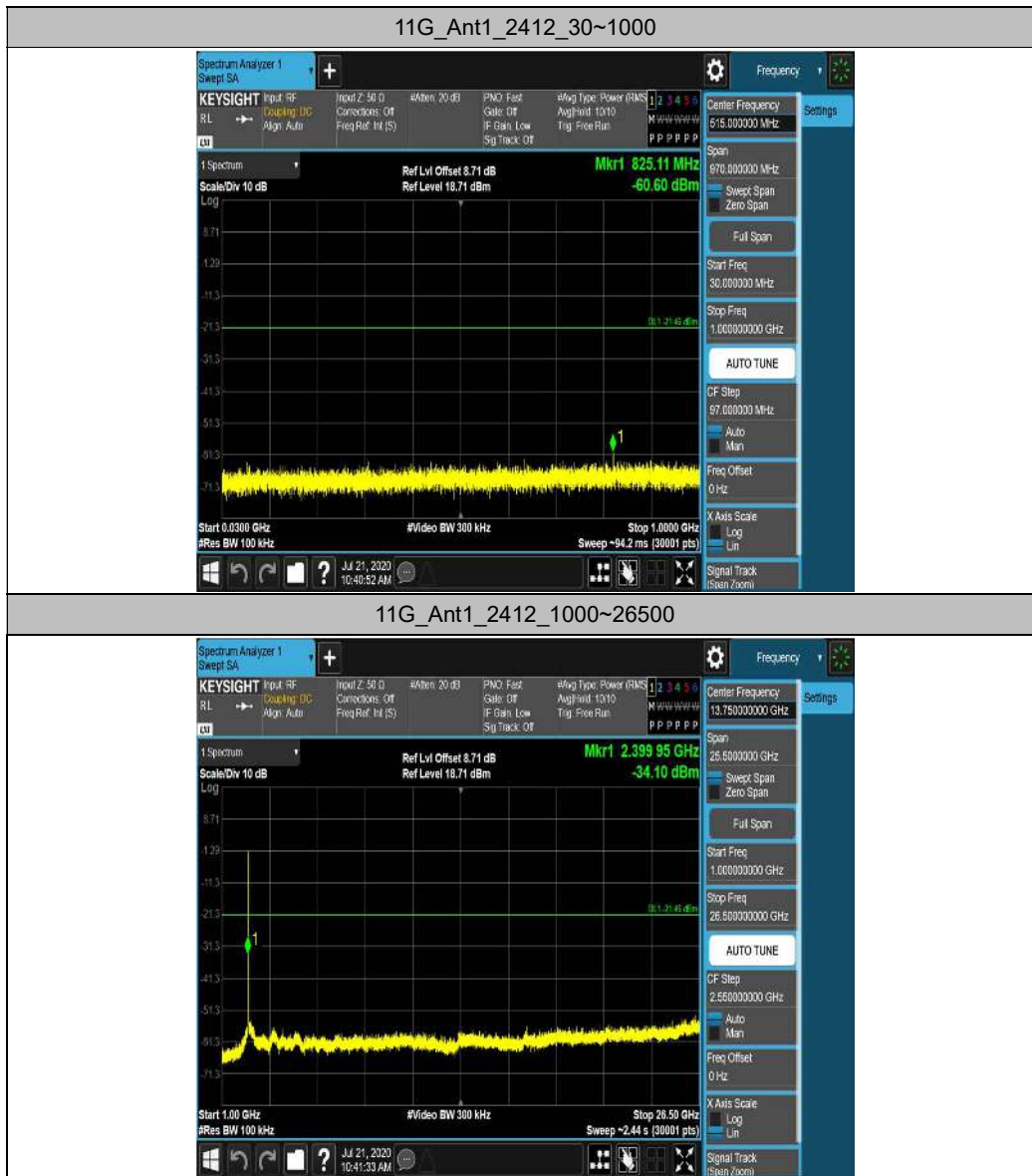


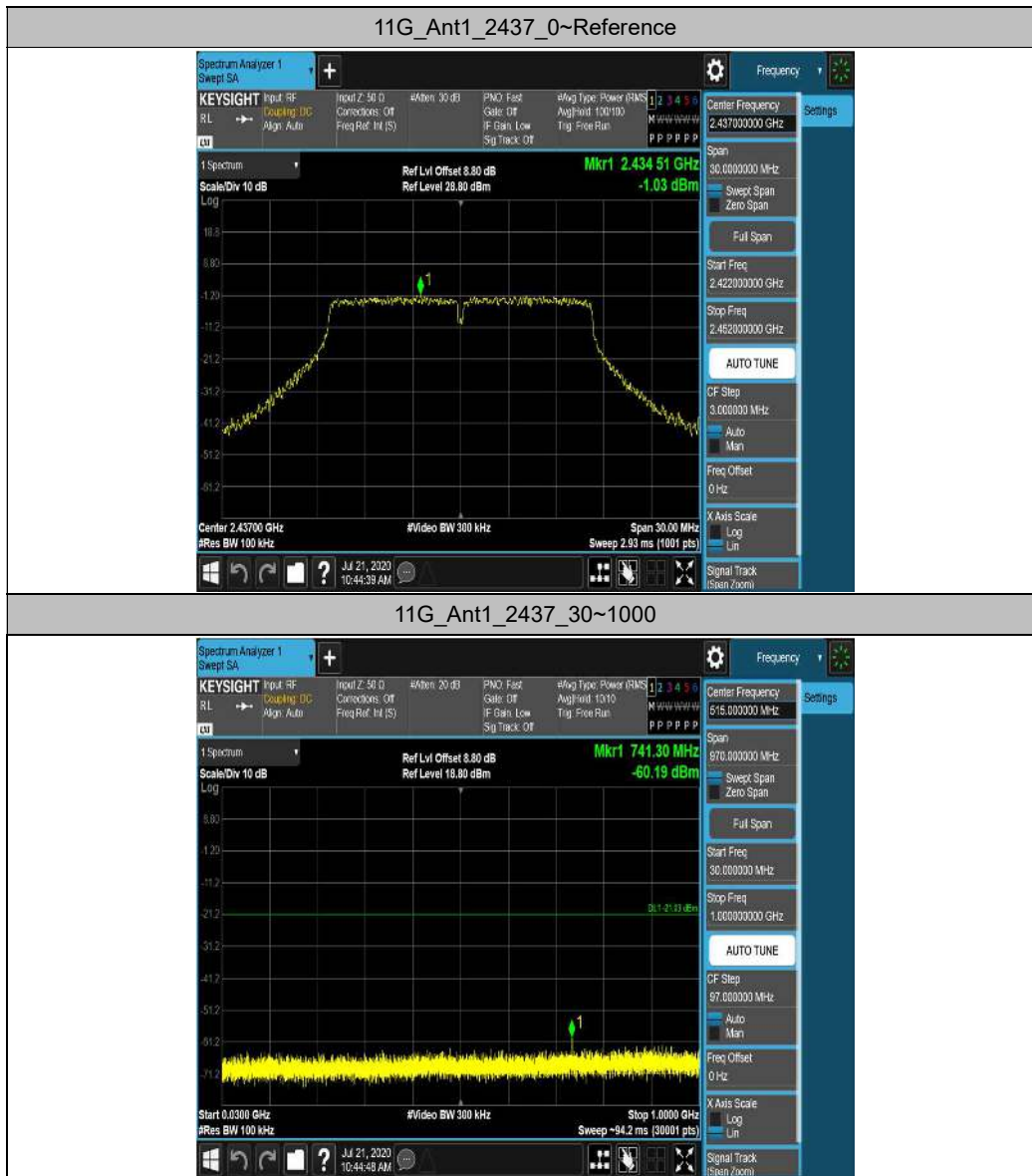


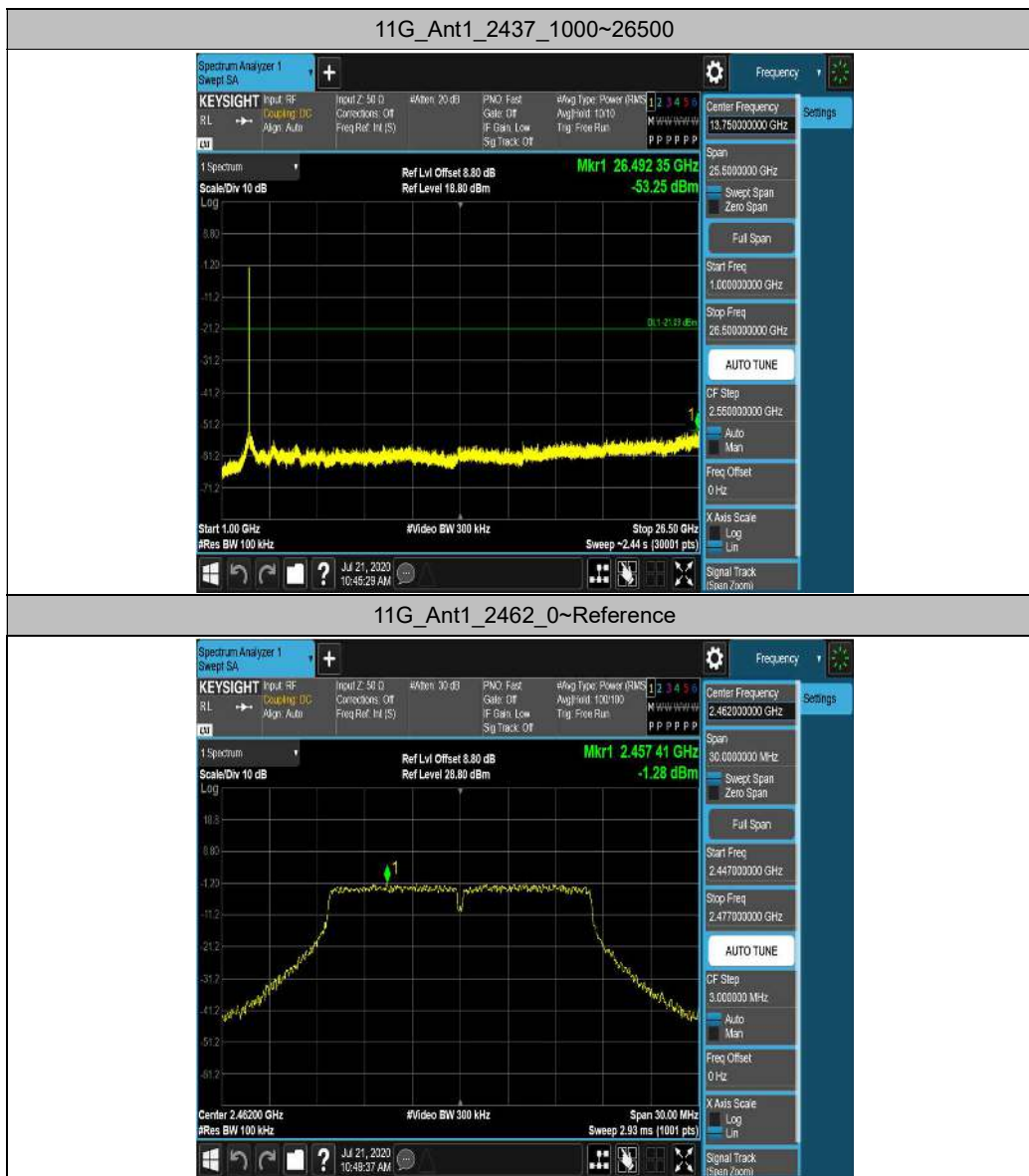


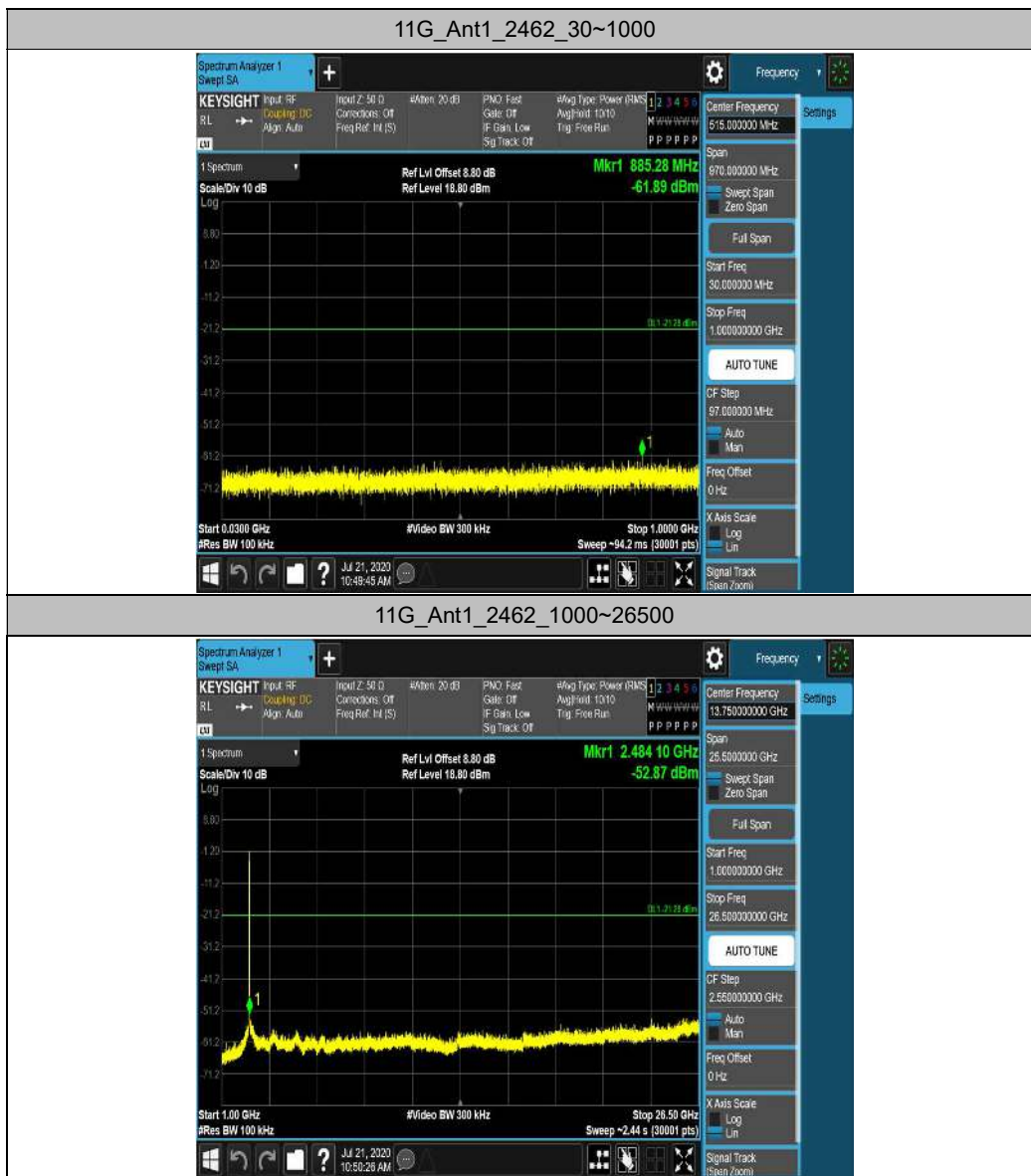




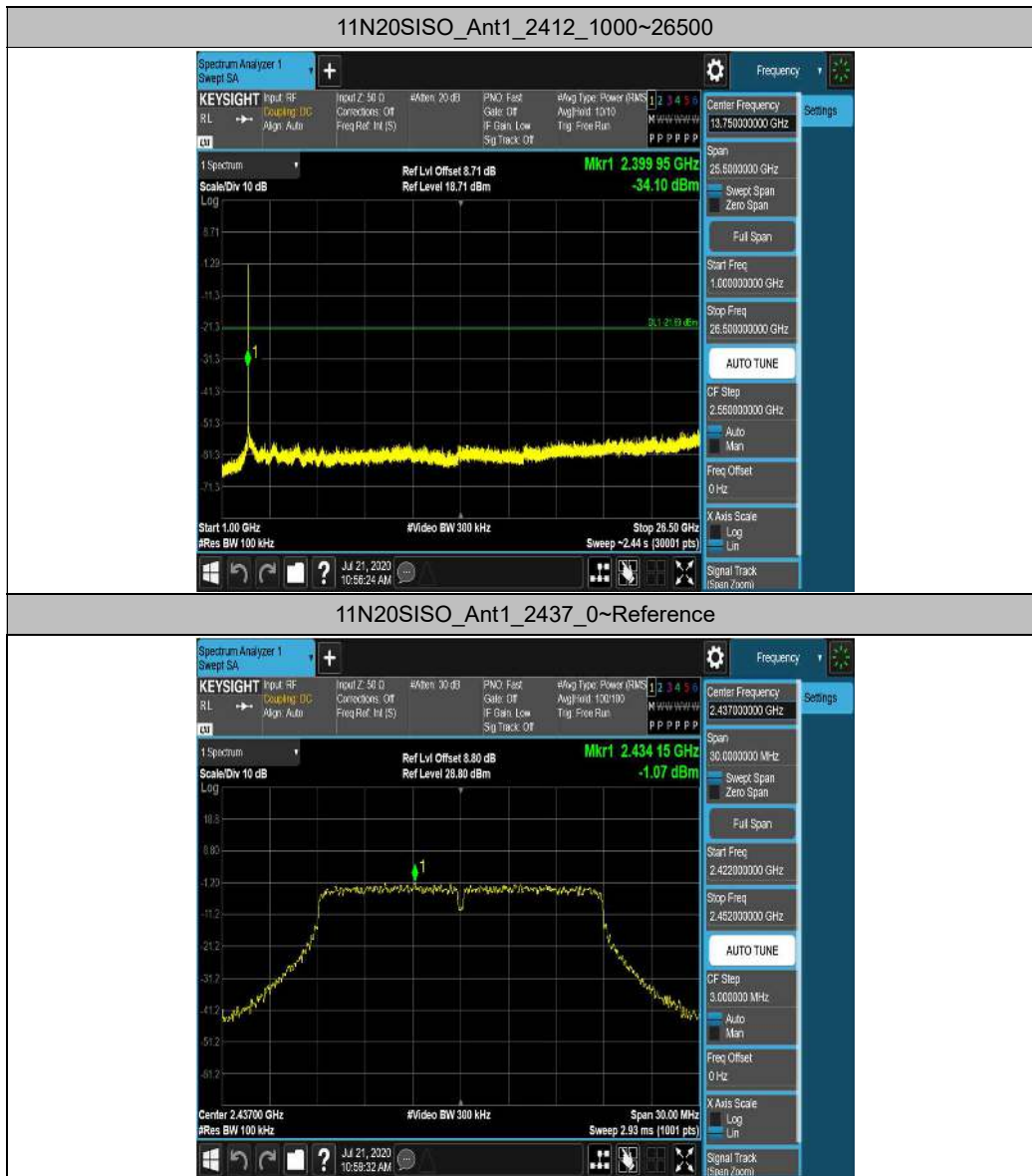


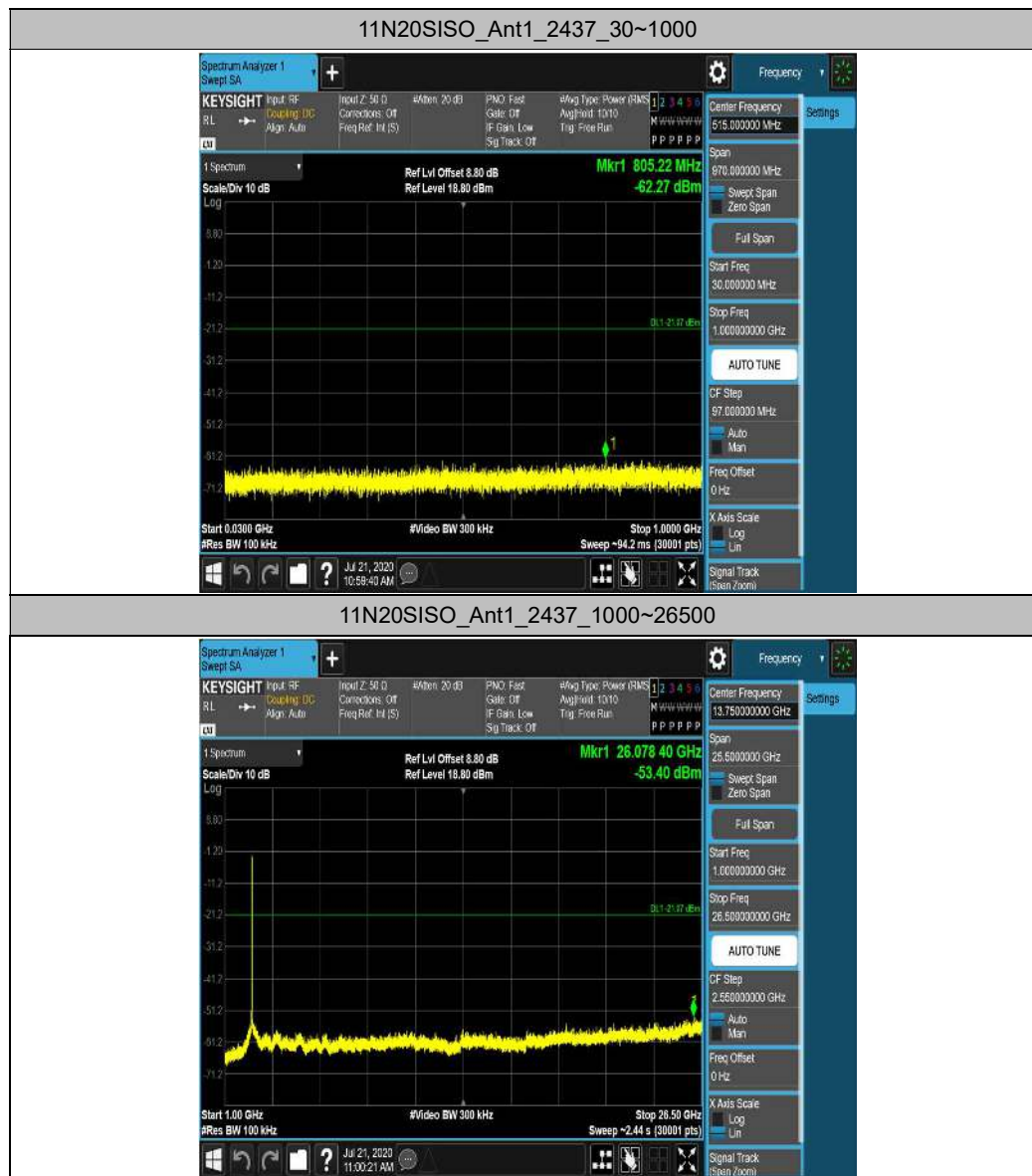


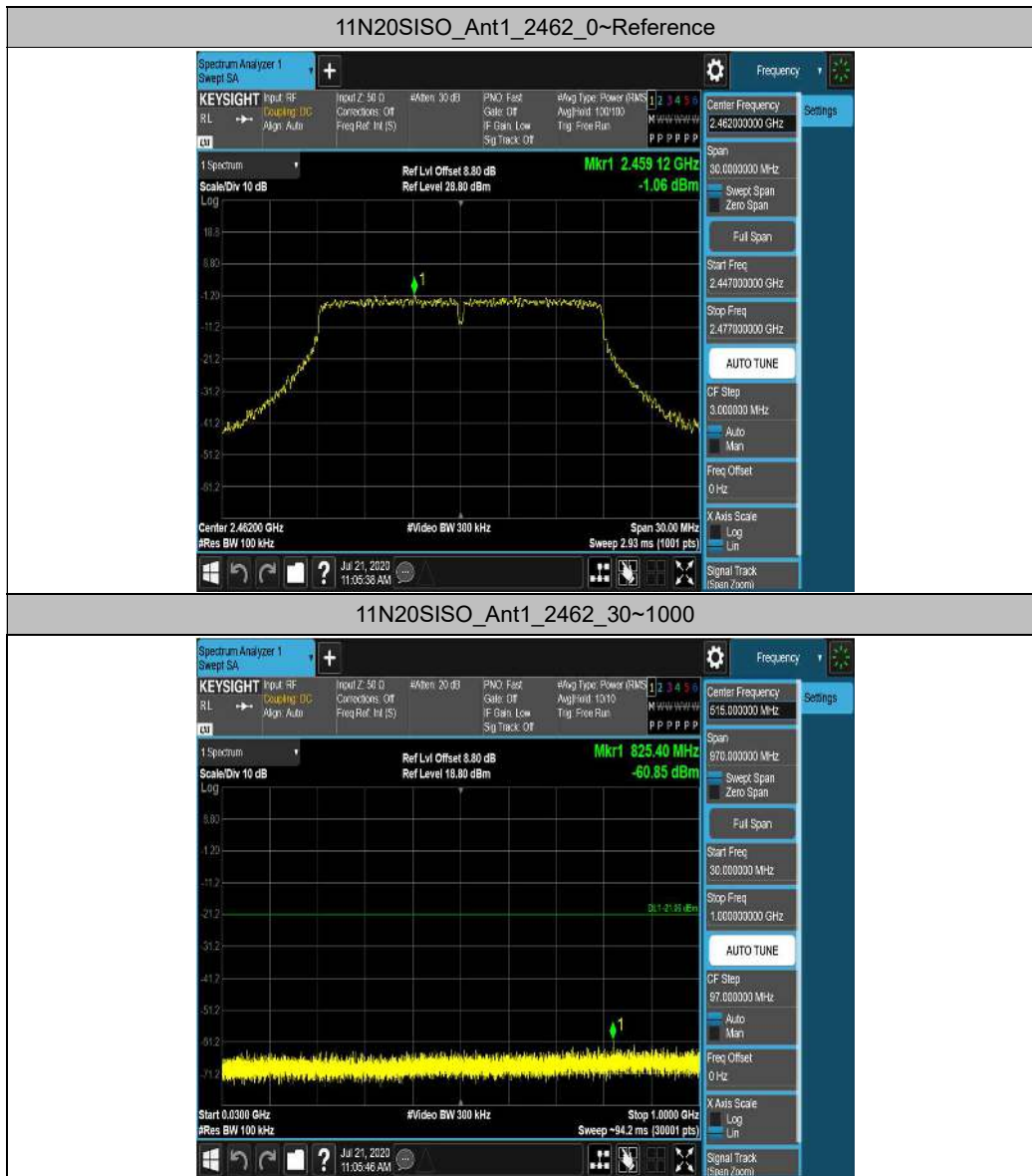


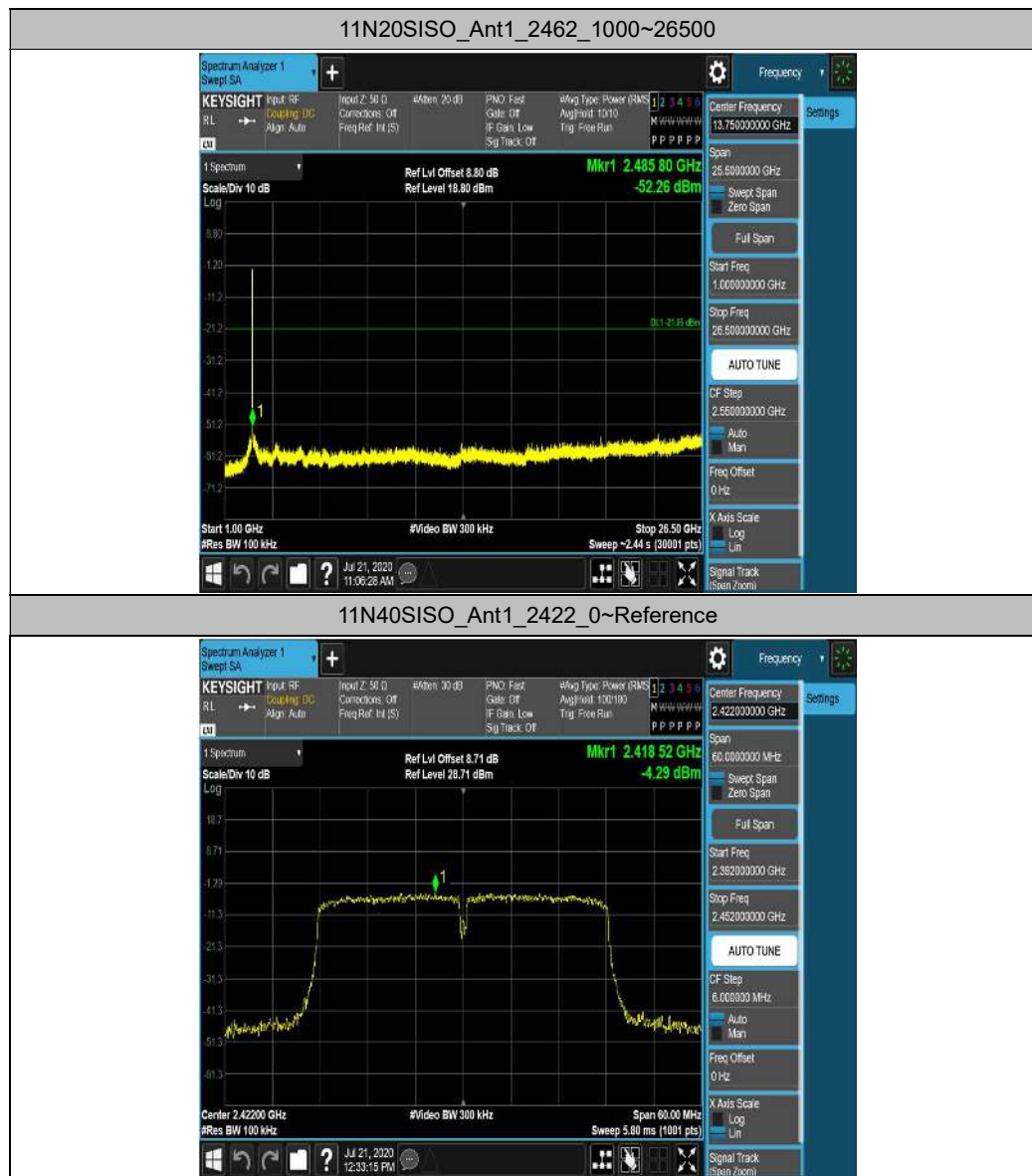


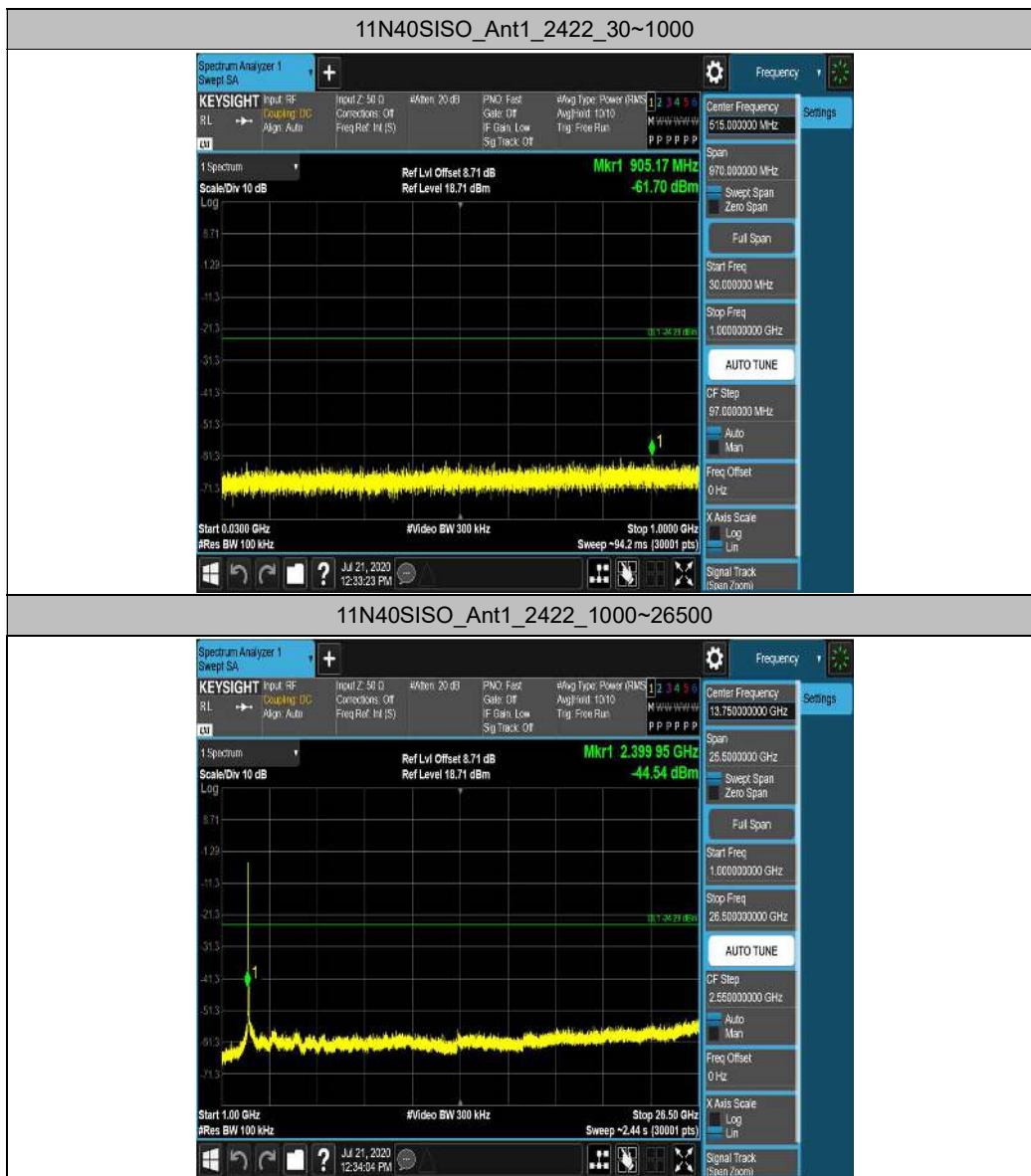


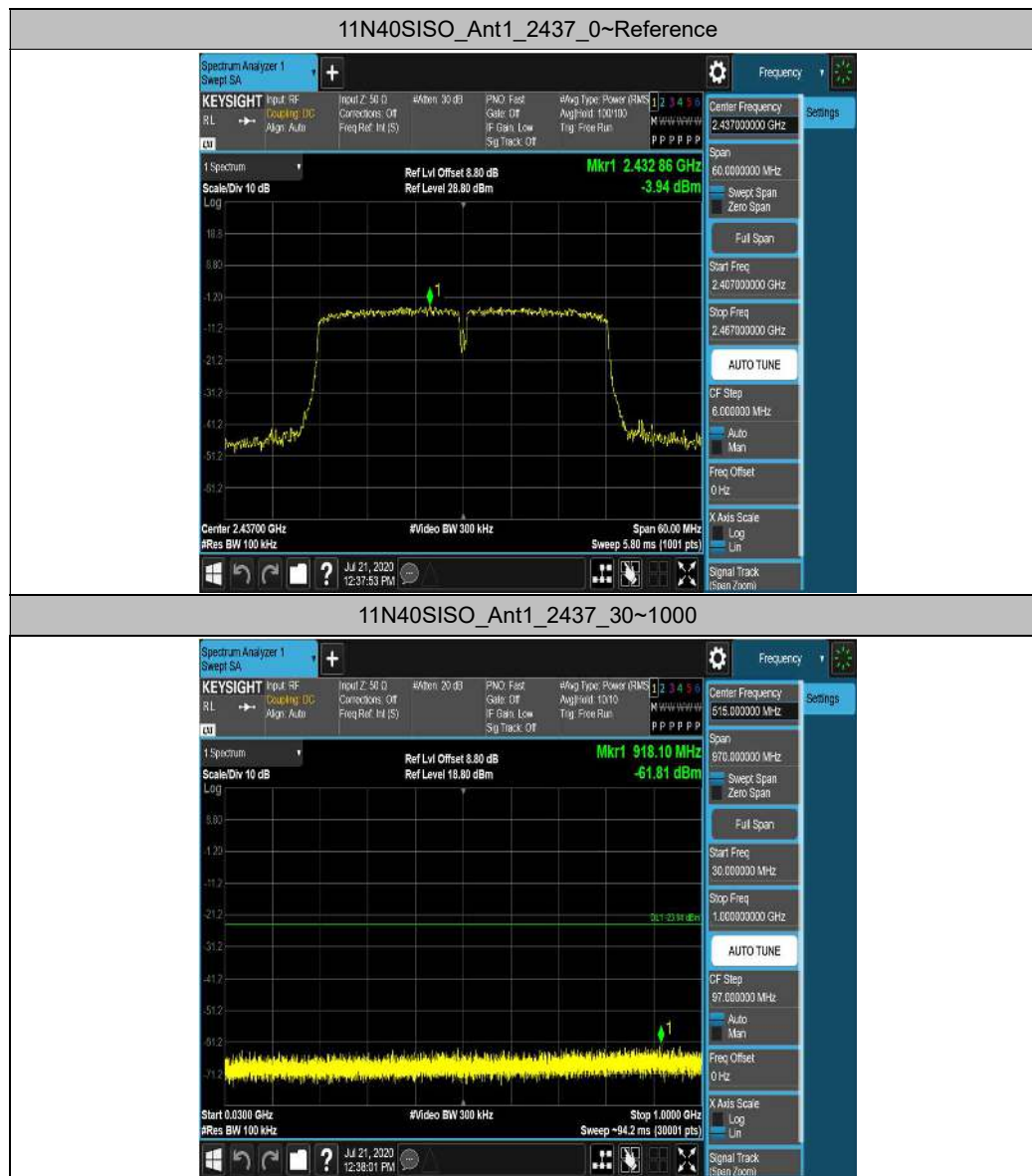


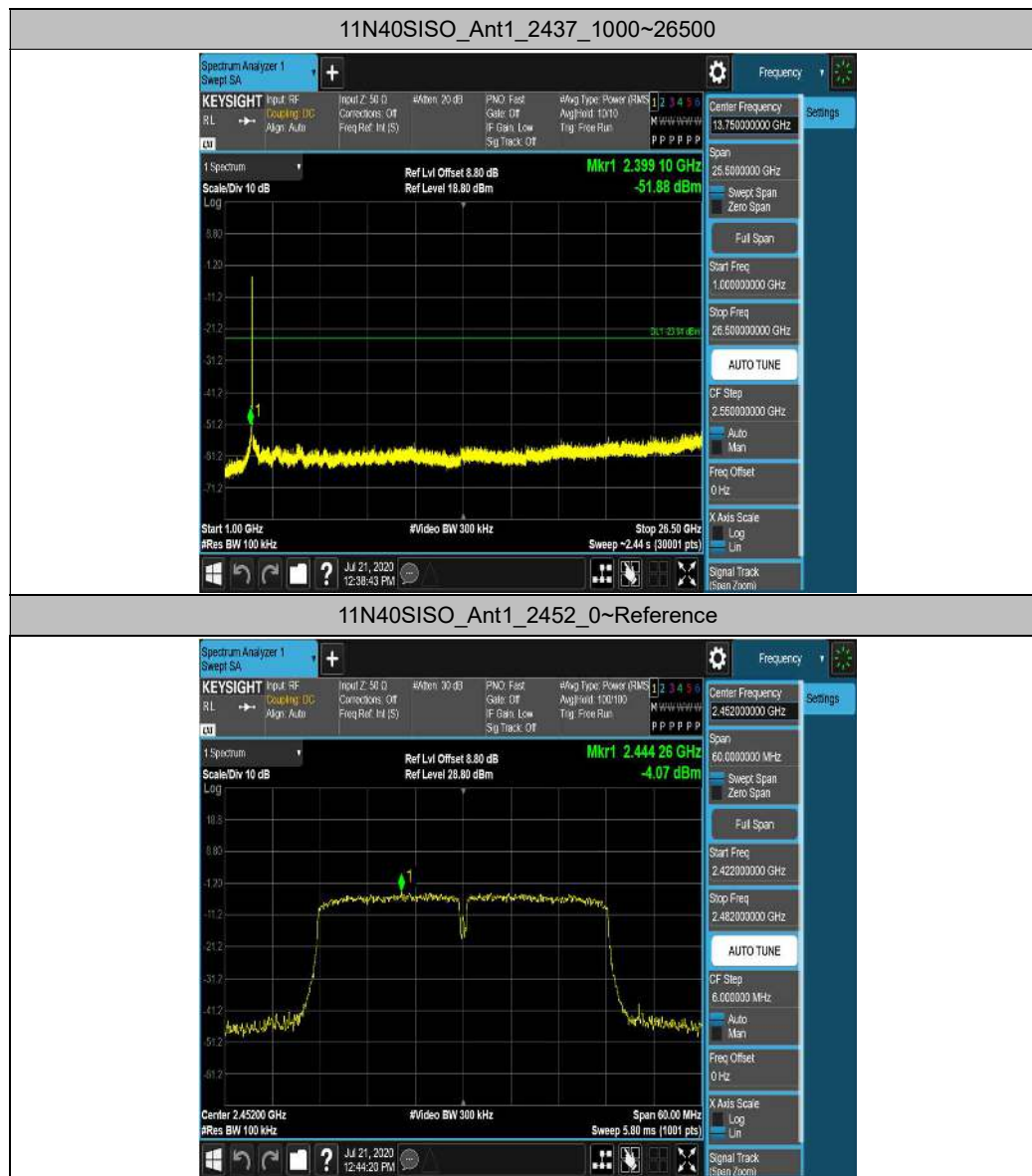


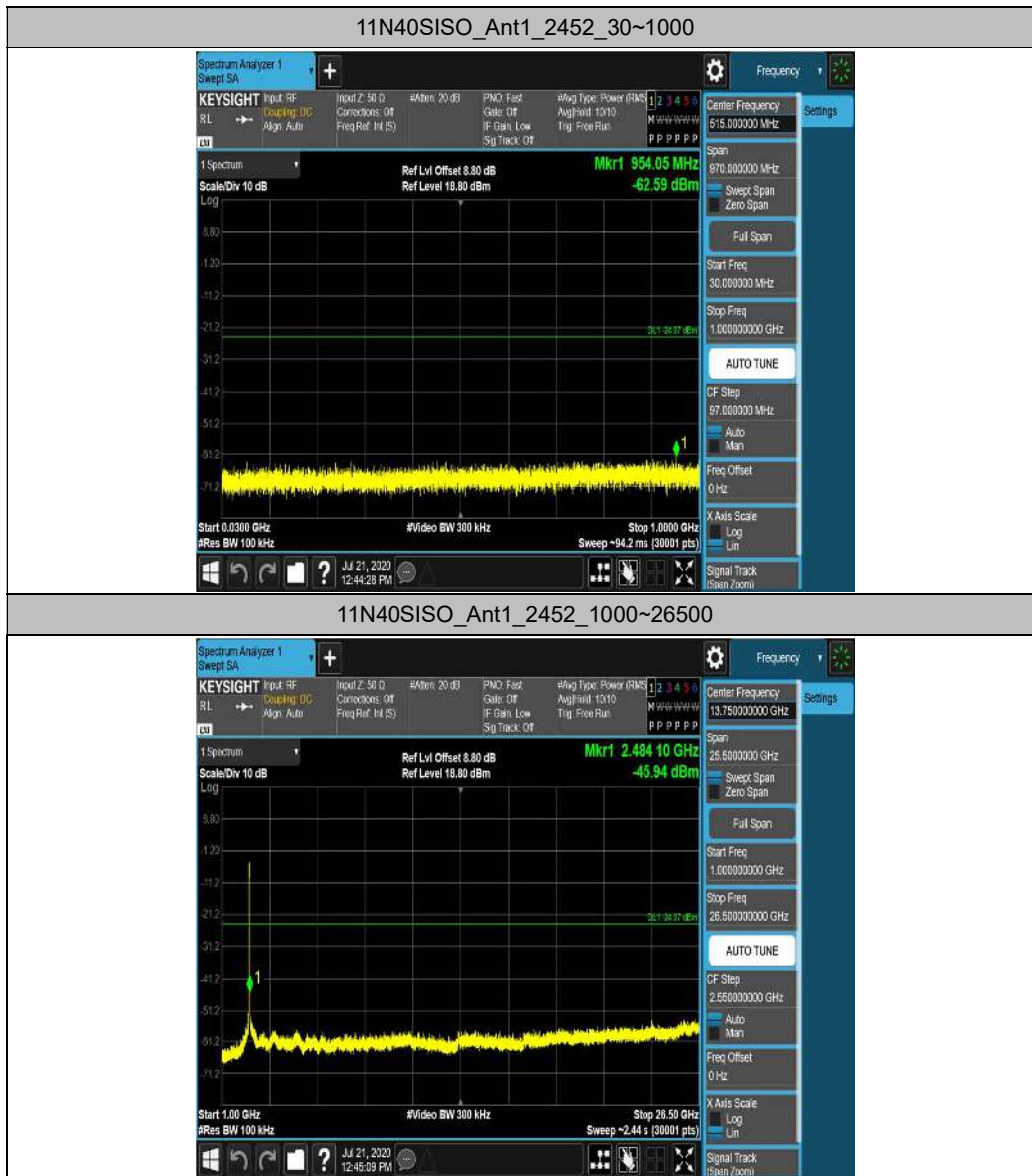












Appendix H: Emissions in Restricted Bands

Test Result

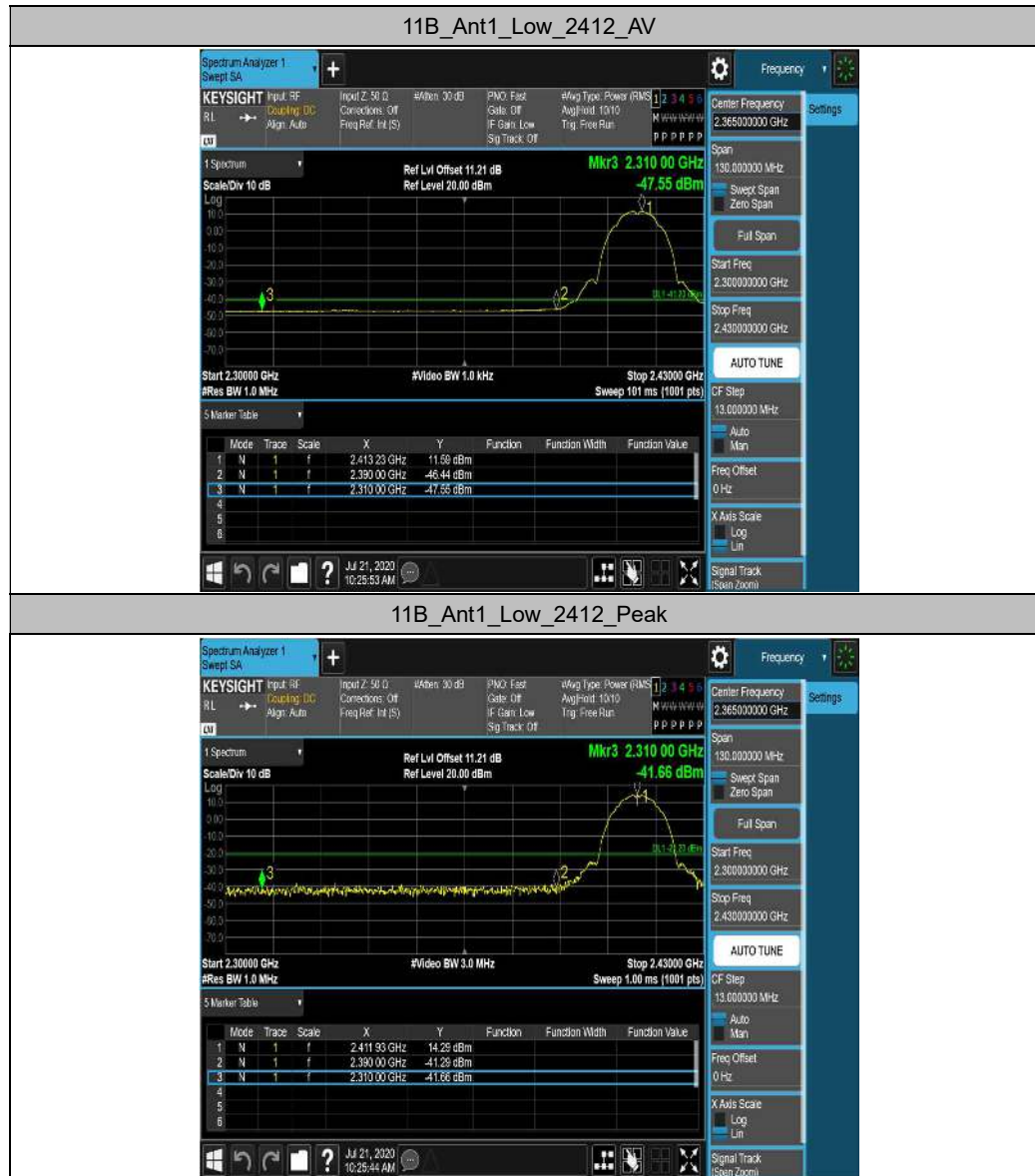
TestMode	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Low	2412	AV	2310.000	-47.55	<=-41.20	PASS
			AV	2390.000	-46.44	<=-41.20	PASS
			Peak	2310.000	-41.66	<=-21.20	PASS
			Peak	2390.000	-41.29	<=-21.20	PASS
	High	2462	AV	2483.500	-45.79	<=-41.20	PASS
			AV	2500.000	-46.57	<=-41.20	PASS
			Peak	2483.500	-41.73	<=-21.20	PASS
			Peak	2500.000	-41.07	<=-21.20	PASS
11G	Low	2412	AV	2310.000	-48.2	<=-41.20	PASS
			AV	2390.000	-45.82	<=-41.20	PASS
			Peak	2310.000	-40.58	<=-21.20	PASS
			Peak	2390.000	-41.11	<=-21.20	PASS
	High	2462	AV	2483.500	-44.67	<=-41.20	PASS
			AV	2500.000	-46.98	<=-41.20	PASS
			Peak	2483.500	-38.03	<=-21.20	PASS
			Peak	2500.000	-42.84	<=-21.20	PASS
11N20SI SO	Low	2412	AV	2310.000	-48.07	<=-41.20	PASS
			AV	2390.000	-45.46	<=-41.20	PASS
			Peak	2310.000	-42.84	<=-21.20	PASS
			Peak	2390.000	-37.54	<=-21.20	PASS
	High	2462	AV	2483.500	-44.18	<=-41.20	PASS
			AV	2500.000	-46.79	<=-41.20	PASS
			Peak	2483.500	-40.06	<=-21.20	PASS
			Peak	2500.000	-42.54	<=-21.20	PASS
11N40SI SO	Low	2422	AV	2310.000	-48.32	<=-41.20	PASS
			AV	2390.000	-43.97	<=-41.20	PASS
			Peak	2310.000	-41.63	<=-21.20	PASS
			Peak	2390.000	-40.2	<=-21.20	PASS
	High	2452	AV	2483.500	-42.19	<=-41.20	PASS
			AV	2500.000	-46.34	<=-41.20	PASS
			Peak	2483.500	-33.66	<=-21.20	PASS
			Peak	2500.000	-41.18	<=-21.20	PASS

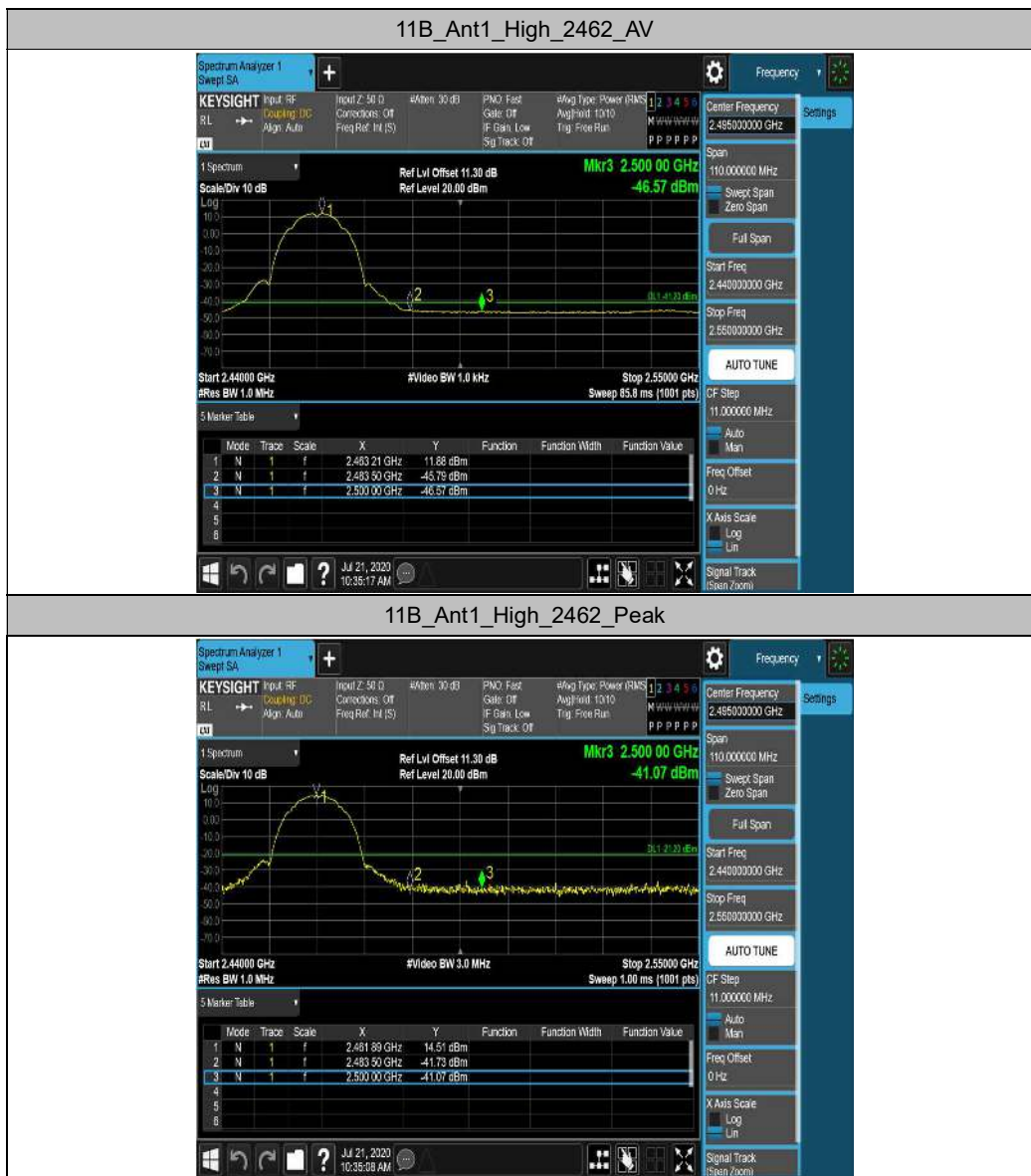
Note:

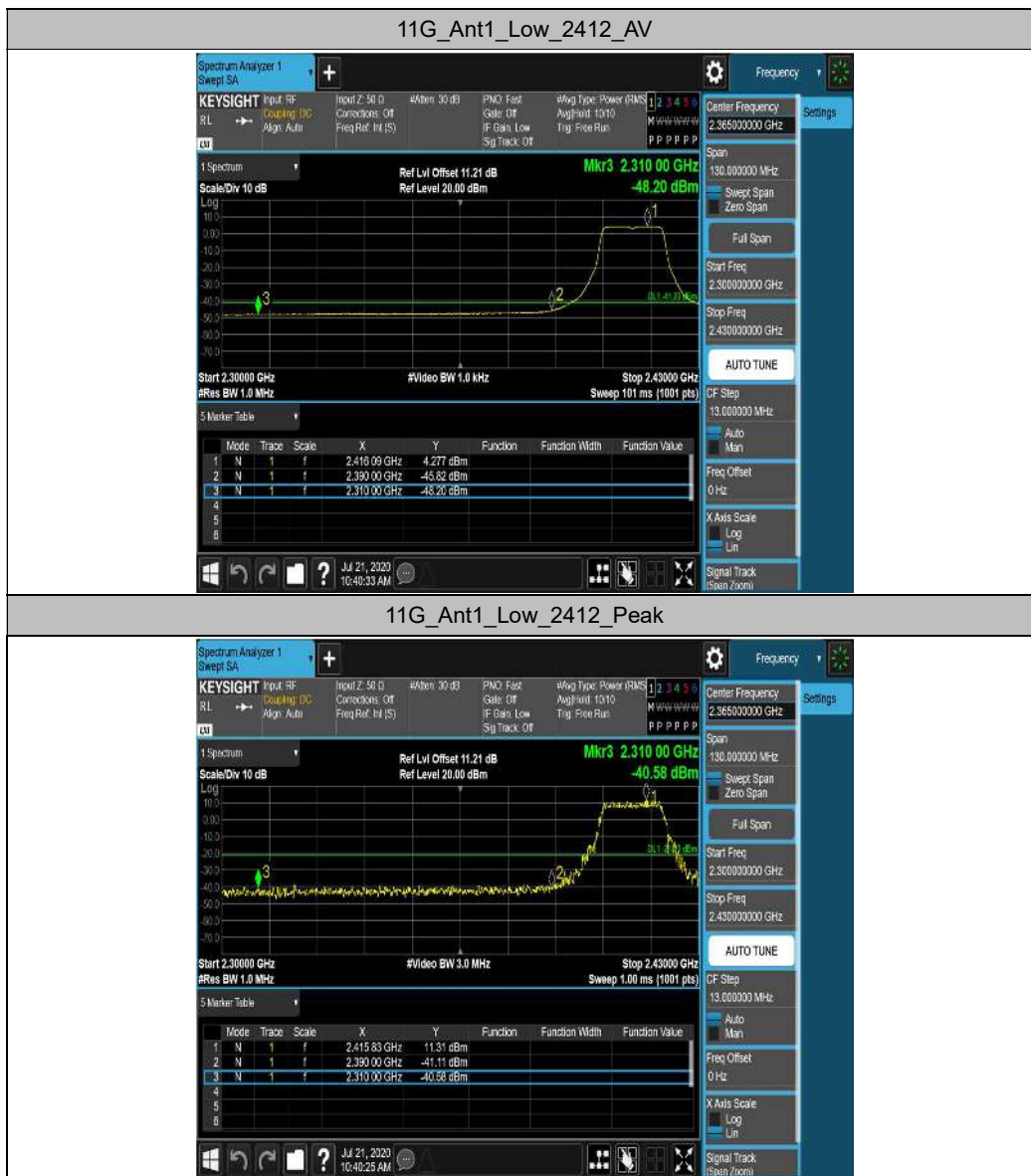
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

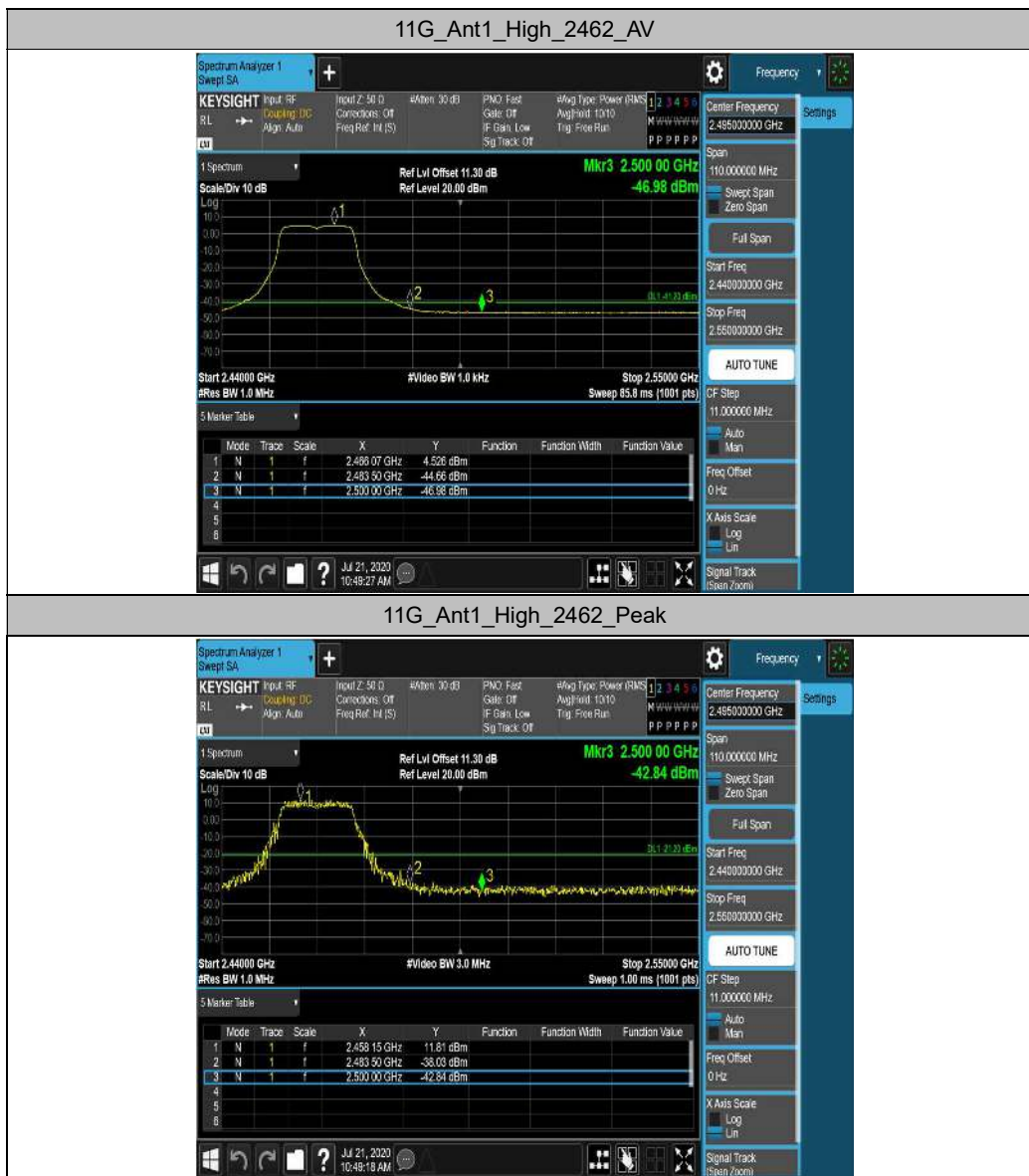
Test Report No.: EFG20070186-01-E01
Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.
1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen. P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

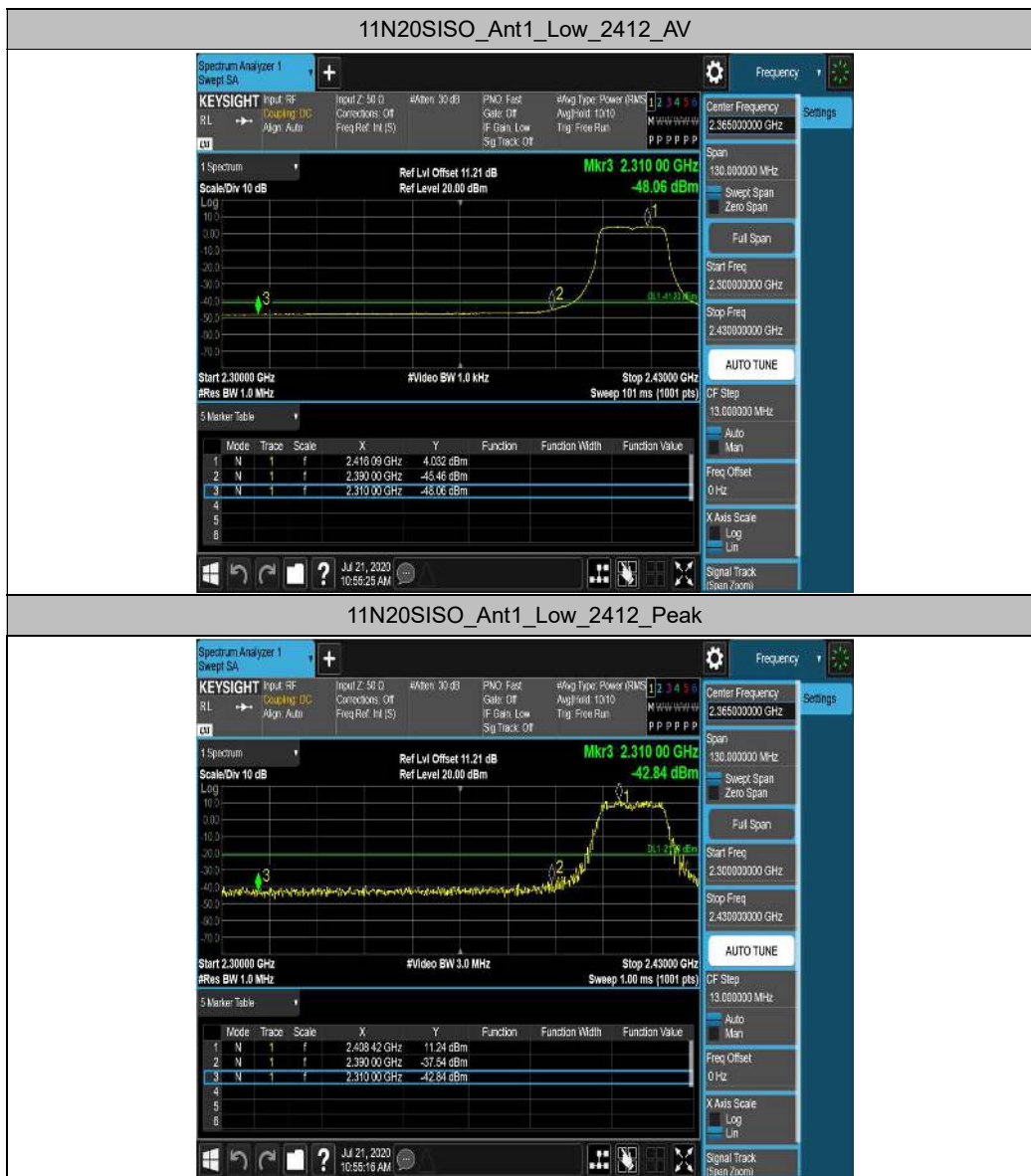
Test Graphs

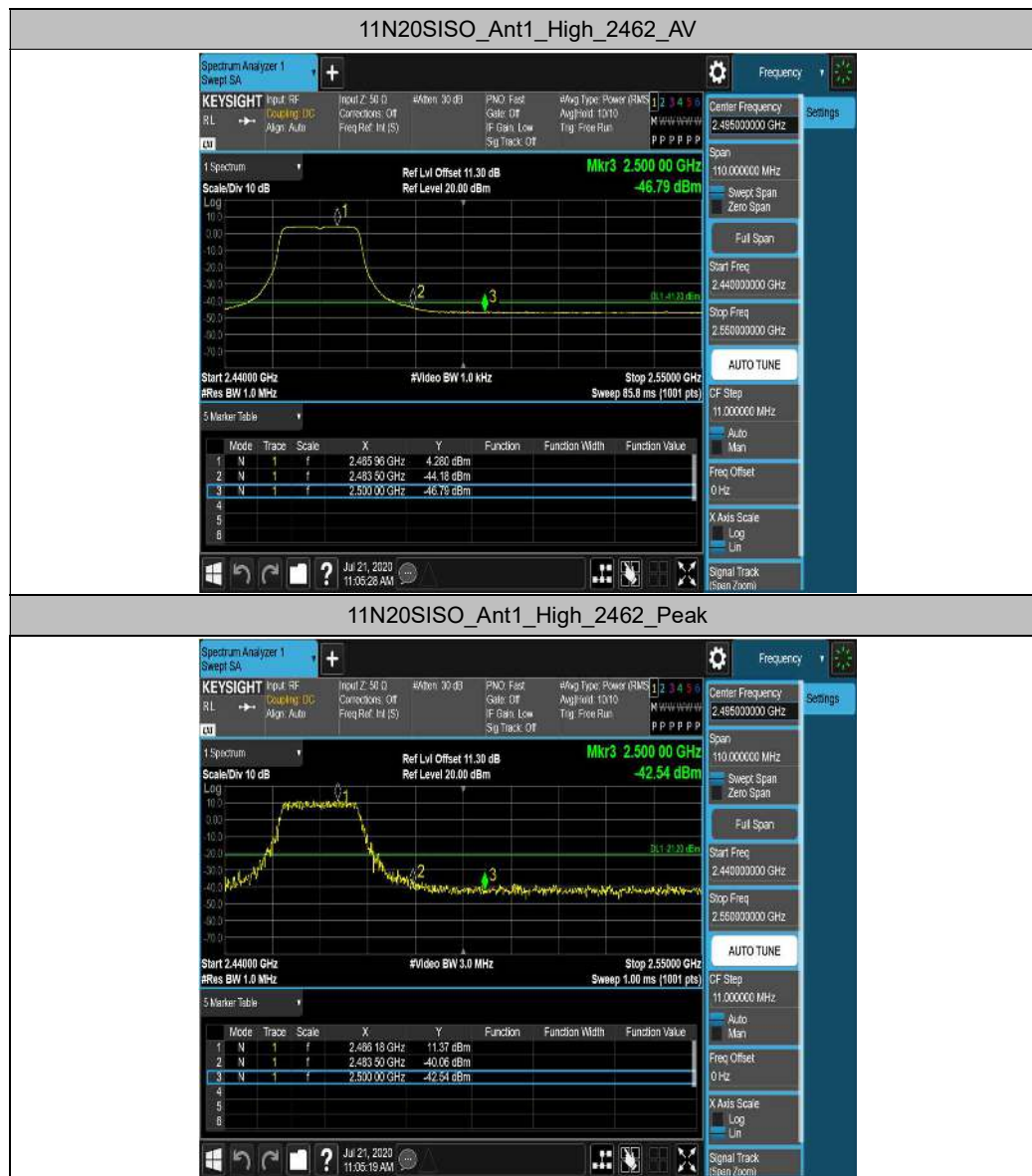


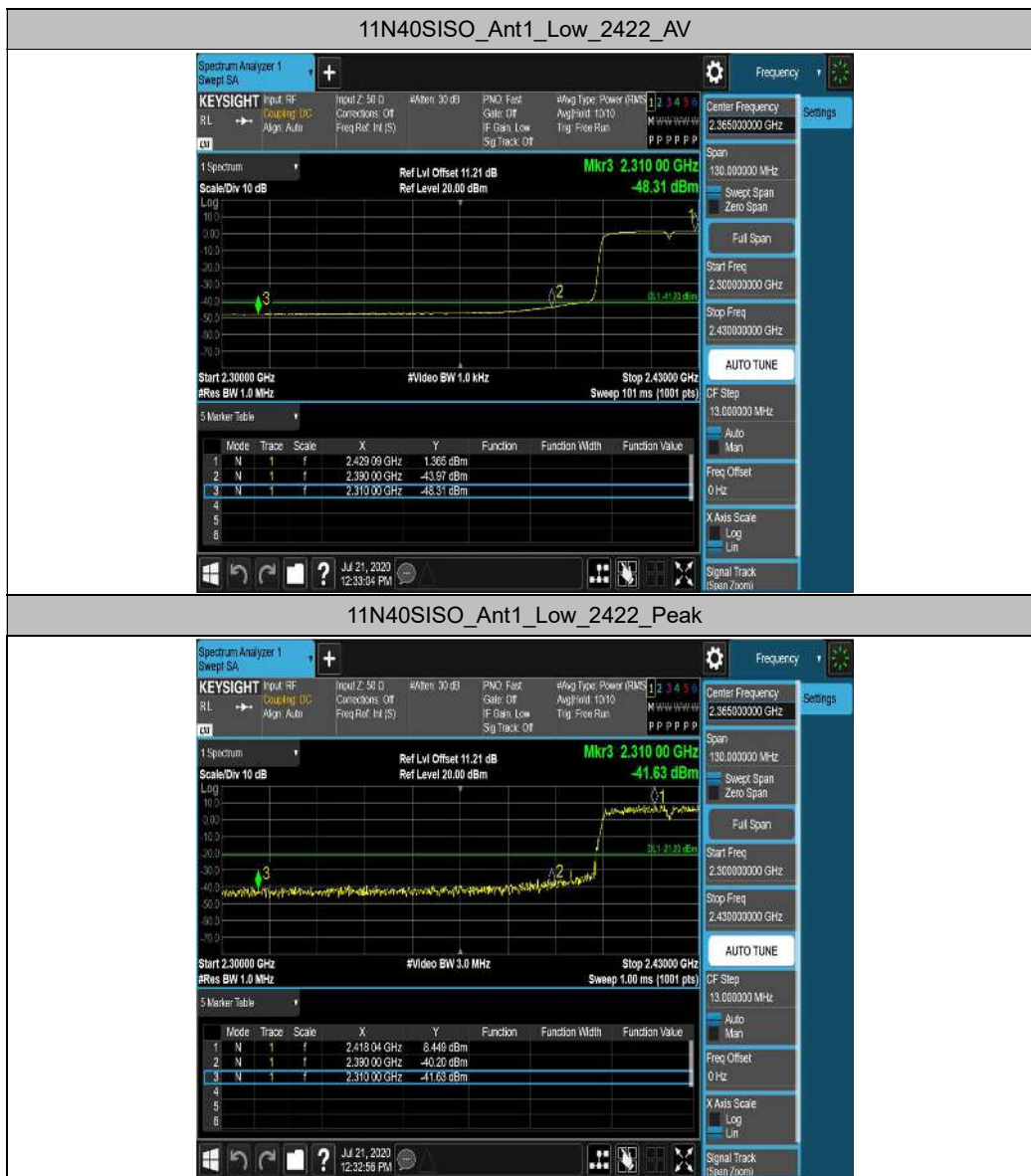


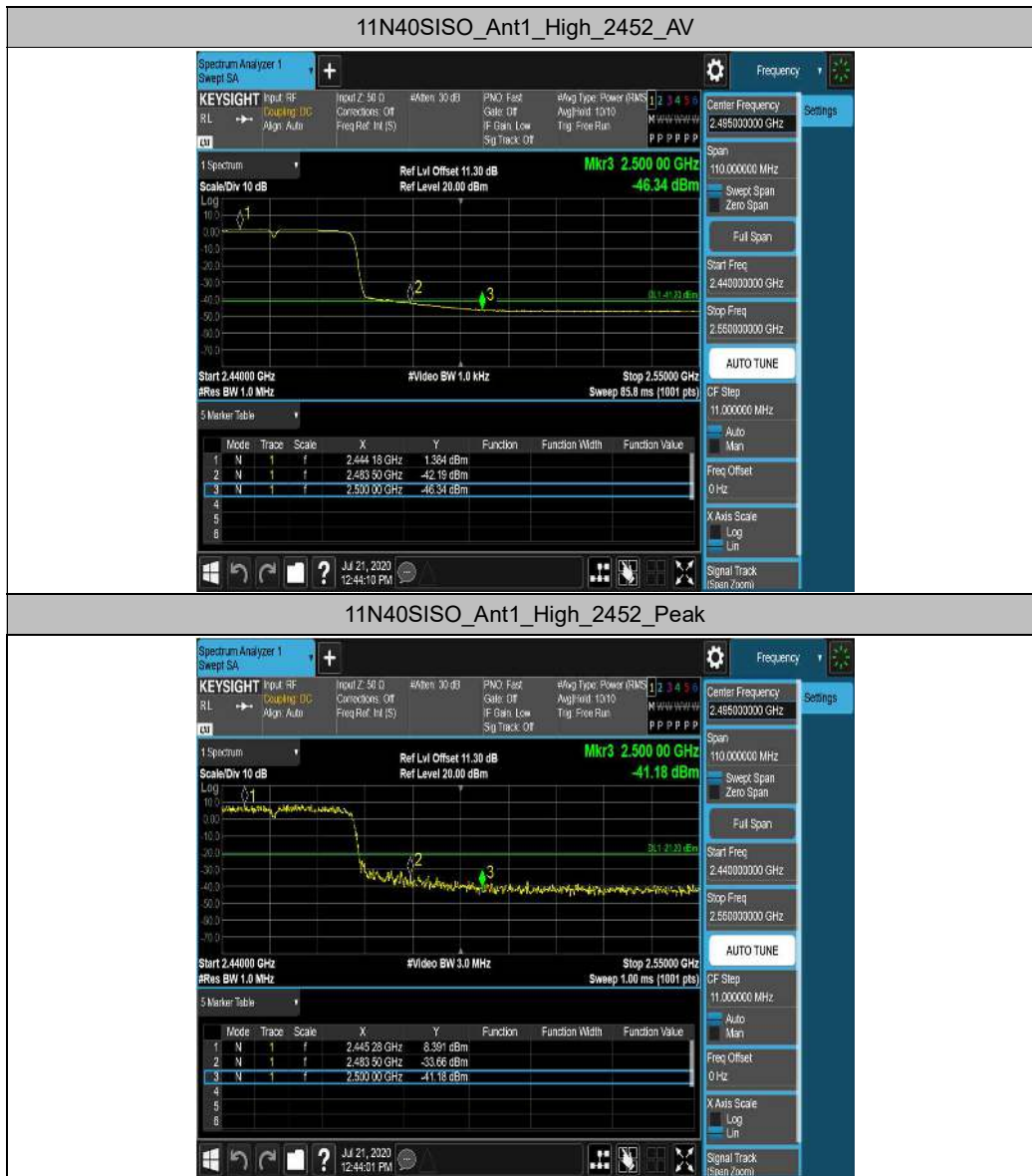












Appendix I: Transmitter frequency stability

Test Mode	Antenna	Channel	Test Frequency [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	2412.02	2404.545	2419.460	±80% of Permitted operating frequency	PASS
		2437	2436.83	2429.532	2444.431		PASS
		2462	2461.94	2454.430	2469.564		PASS
11G	Ant1	2412	2411.96	2403.426	2420.444		PASS
		2437	2437.01	2428.405	2445.431		PASS
		2462	2461.98	2453.325	2470.444		PASS
11N20SISO	Ant1	2412	2411.94	2402.989	2421.021		PASS
		2437	2436.97	2427.954	2446.012		PASS
		2462	2462.08	2452.951	2471.033		PASS
11N40SISO	Ant1	2422	2421.97	2404.036	2440.068		PASS
		2437	2436.89	2419.097	2454.970		PASS
		2452	2452.03	2434.068	2469.978		PASS

Test Graphs











