

10 APPENDIX

Appendix1

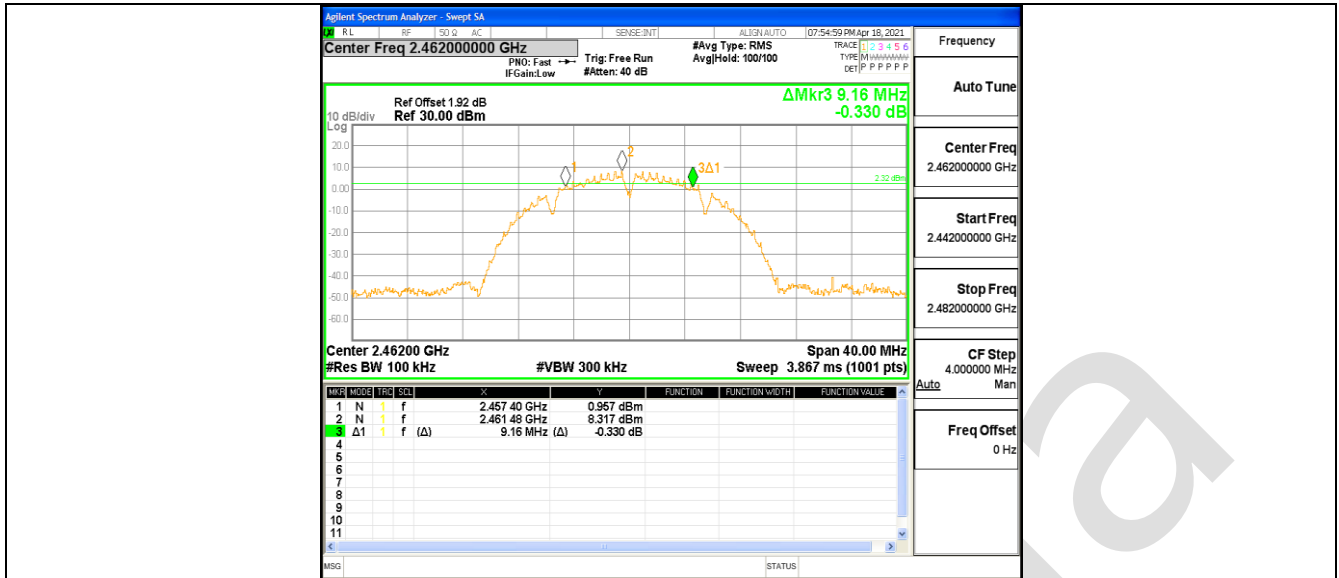
10.1 APPENDIX A: DTS BANDWIDTH

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.400	2416.480	≥ 0.5	PASS
		2437	8.560	2432.960	2441.520	≥ 0.5	PASS
		2462	9.160	2457.400	2466.560	≥ 0.5	PASS
11G	Ant1	2412	16.440	2403.760	2420.200	≥ 0.5	PASS
		2437	16.440	2428.760	2445.200	≥ 0.5	PASS
		2462	16.440	2453.760	2470.200	≥ 0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.160	2420.800	≥ 0.5	PASS
		2437	17.640	2428.160	2445.800	≥ 0.5	PASS
		2462	17.640	2453.160	2470.800	≥ 0.5	PASS

Test Graphs

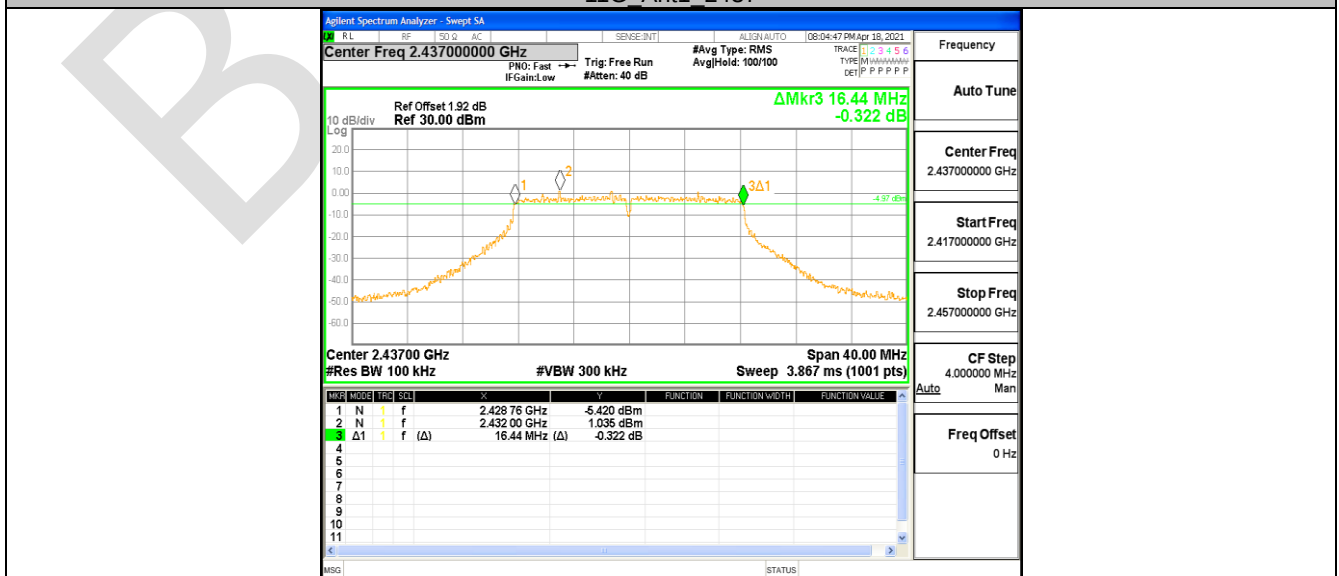




11G Ant1 2412



11G Ant1 2437





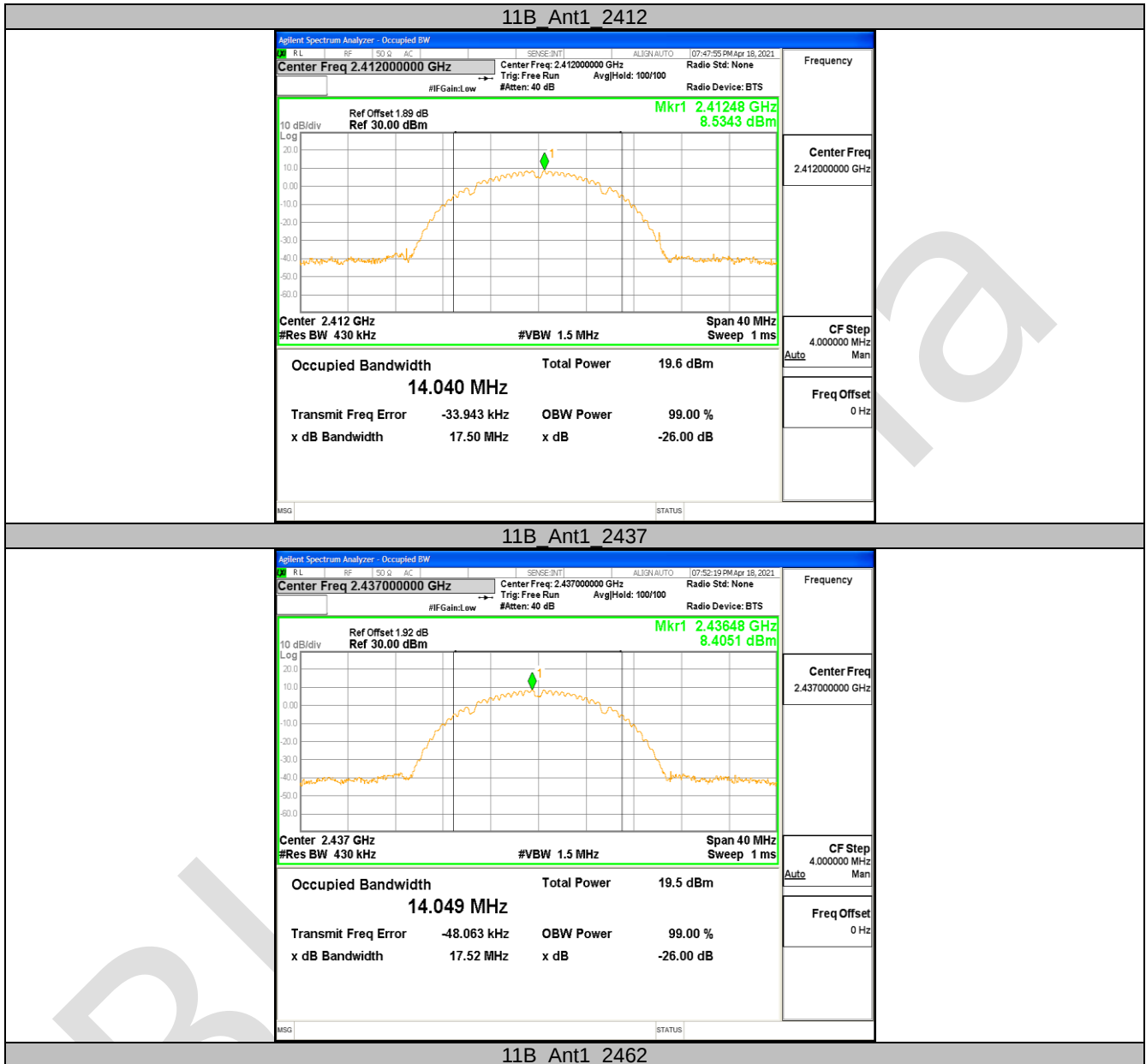


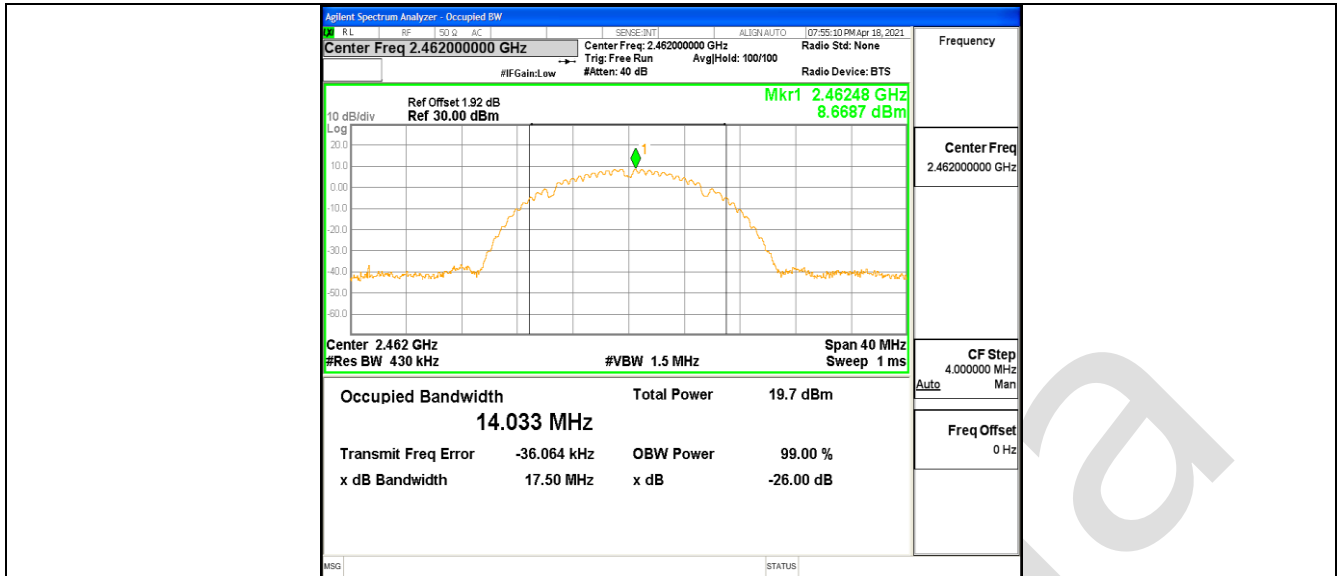
10.2 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

Test Result

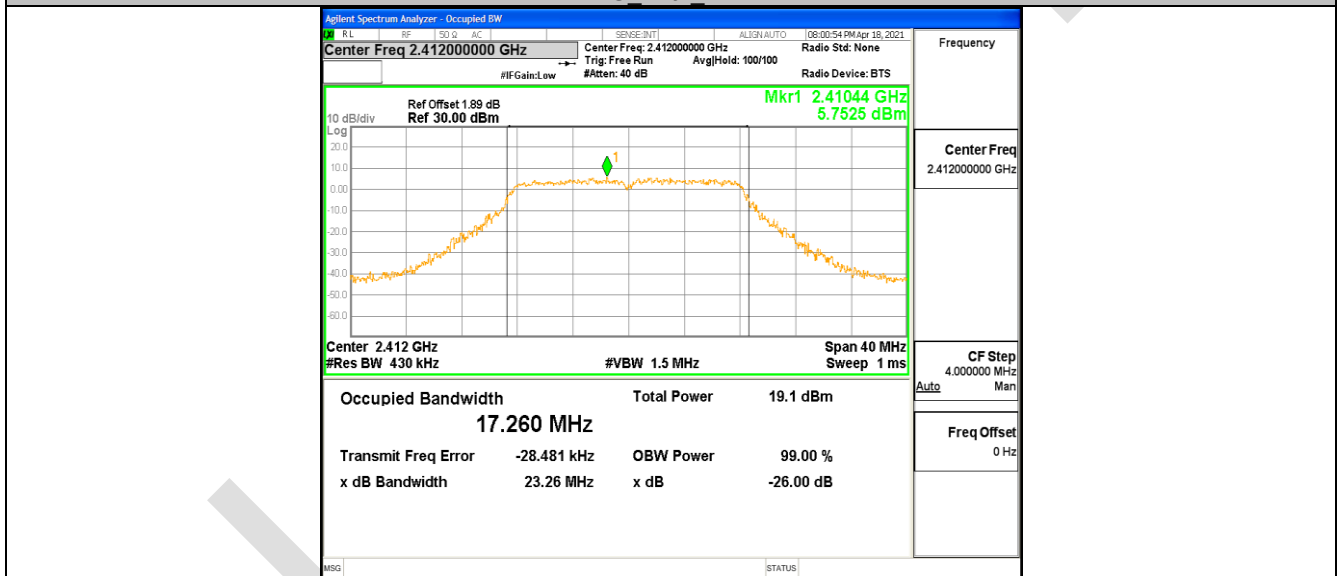
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.040	2404.946	2418.986	---	PASS
		2437	14.049	2429.927	2443.976	---	PASS
		2462	14.033	2454.947	2468.980	---	PASS
11G	Ant1	2412	17.260	2403.342	2420.602	---	PASS
		2437	17.227	2428.332	2445.559	---	PASS
		2462	17.221	2453.336	2470.557	---	PASS
11N20SISO	Ant1	2412	18.303	2402.844	2421.147	---	PASS
		2437	18.093	2427.945	2446.038	---	PASS
		2462	18.247	2452.895	2471.142	---	PASS

Test Graphs

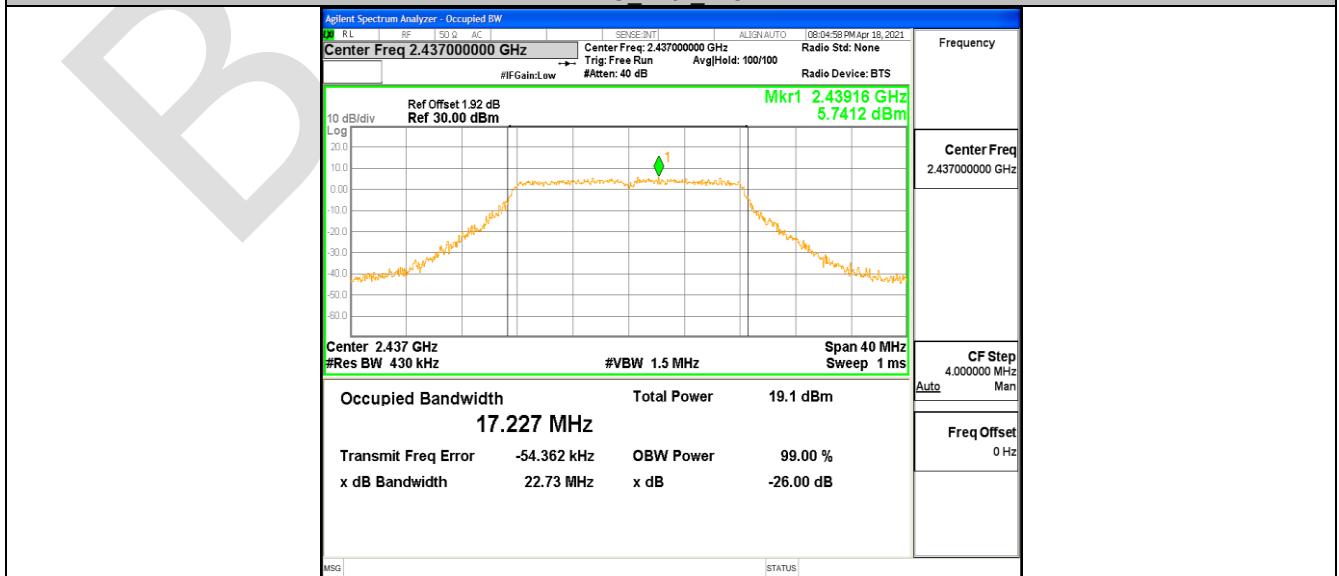




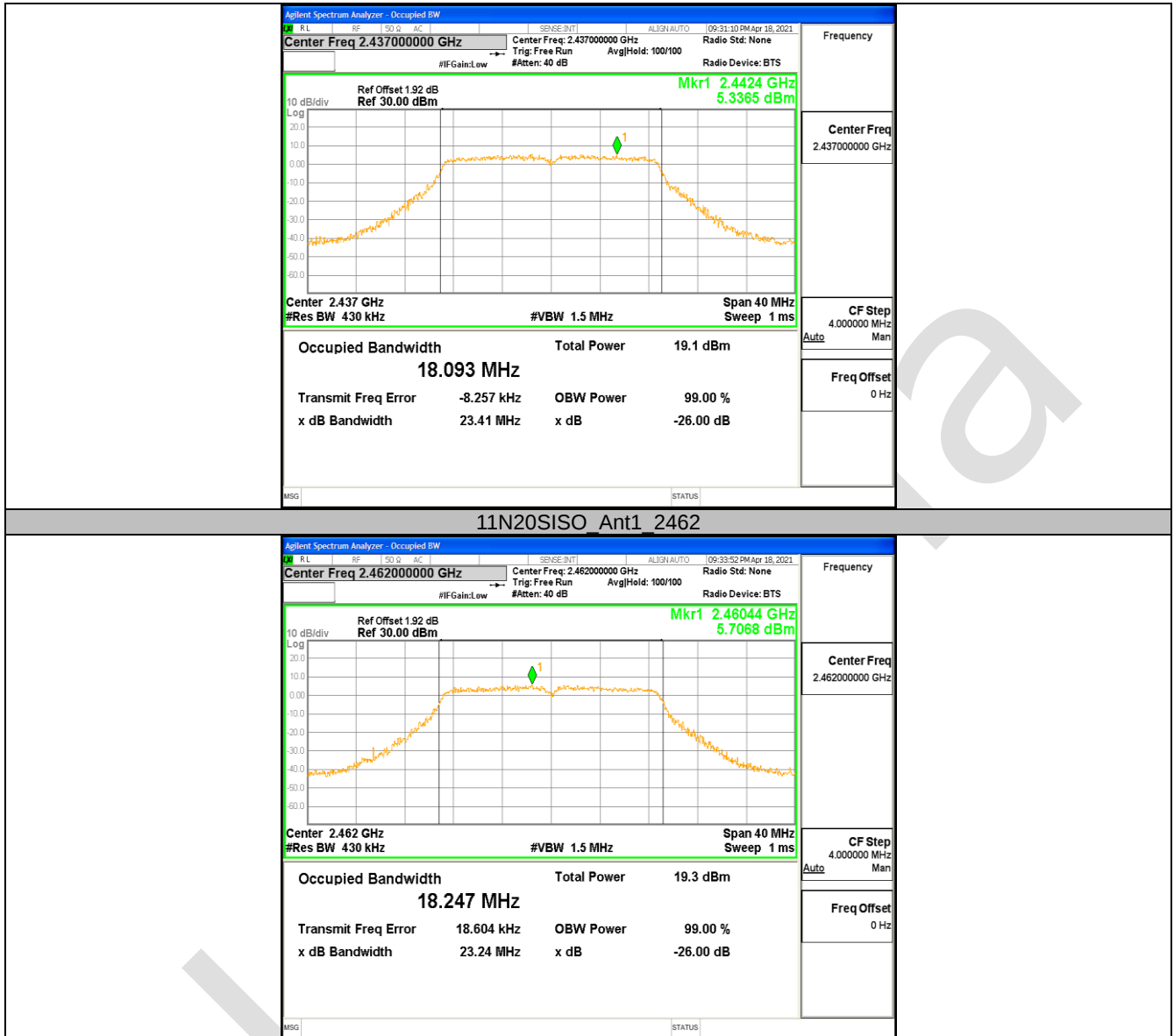
11G Ant1 2412



11G Ant1 2437







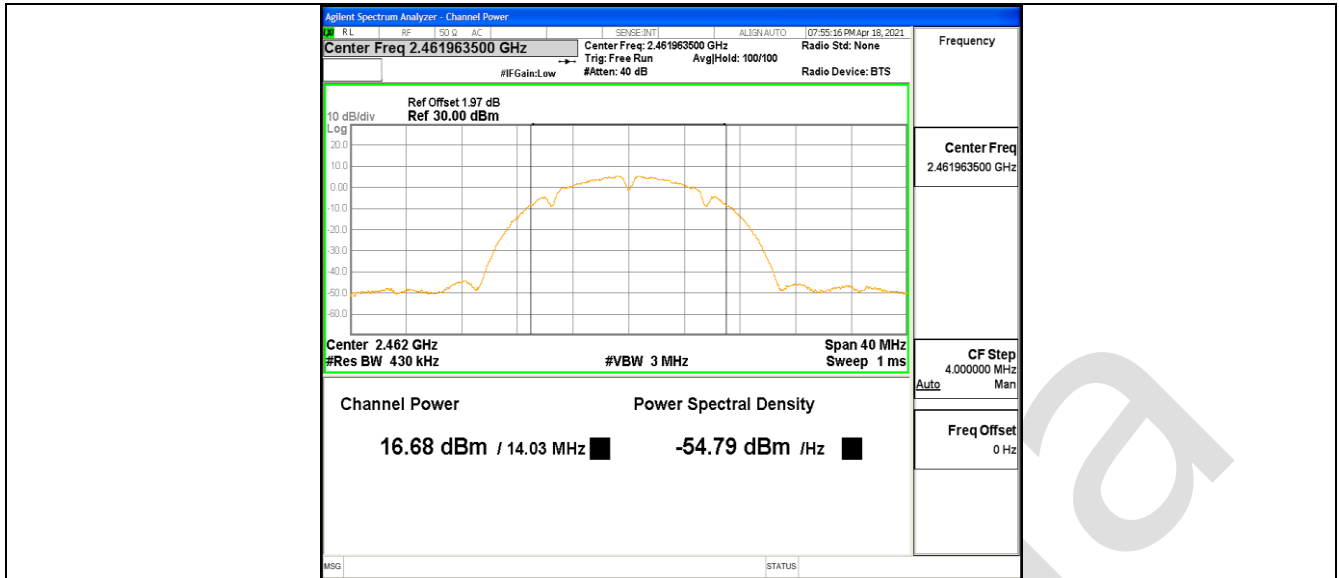
10.3 APPENDIXC: MAXIMUM CONDUCTED OUTPUT POWER

Test Result

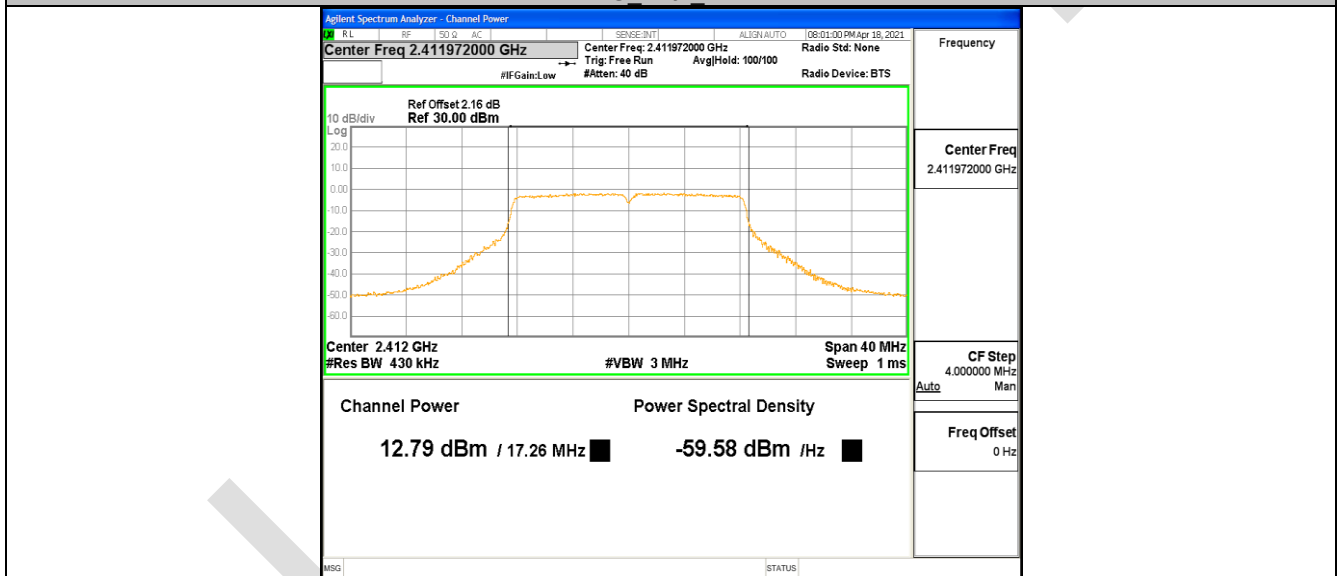
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.59	<=30	PASS
		2437	16.52	<=30	PASS
		2462	16.68	<=30	PASS
11G	Ant1	2412	12.79	<=30	PASS
		2437	13.03	<=30	PASS
		2462	13.32	<=30	PASS
11N20SISO	Ant1	2412	13.00	<=30	PASS
		2437	12.99	<=30	PASS
		2462	13.22	<=30	PASS

Test Graphs

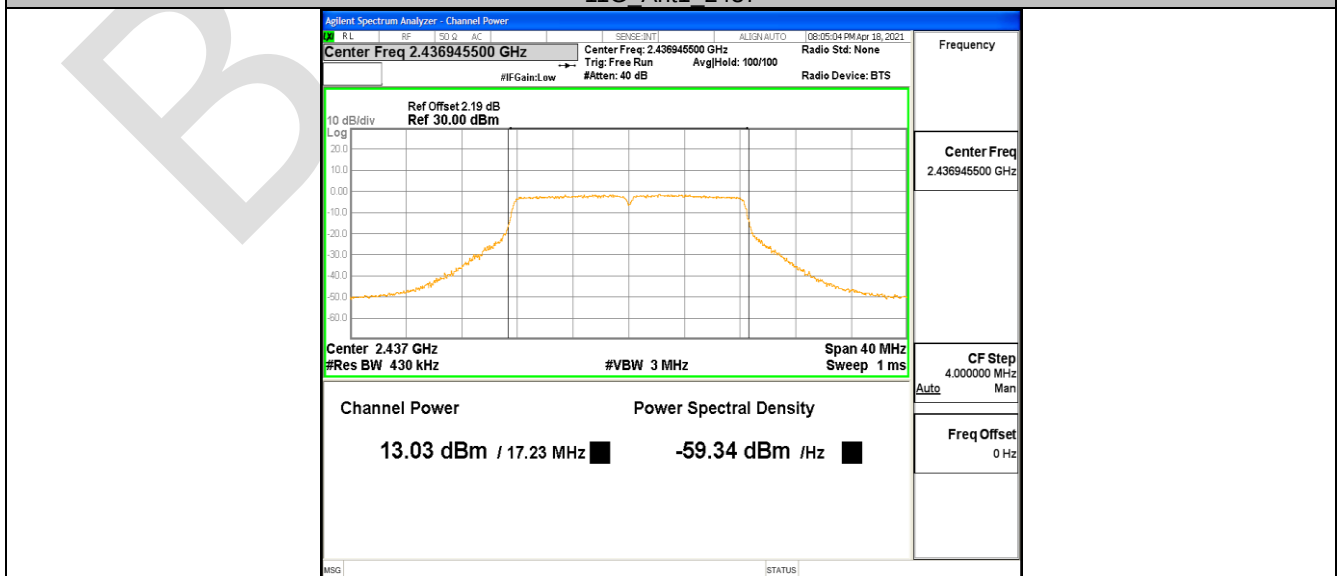




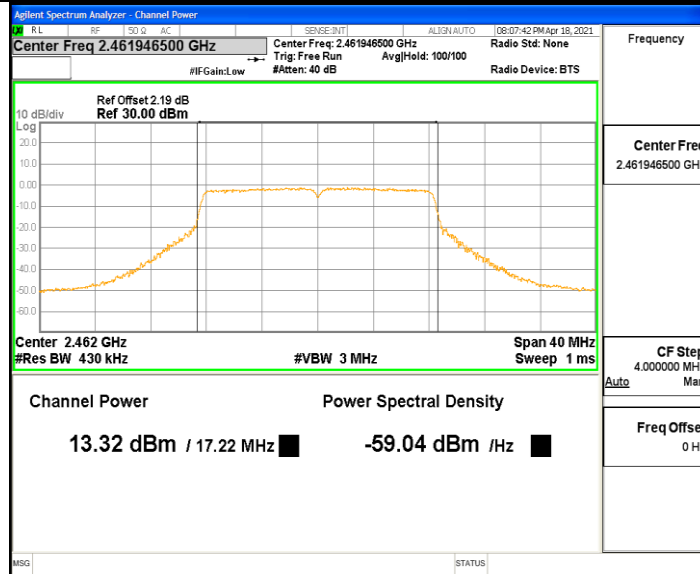
11G_Ant1_2412



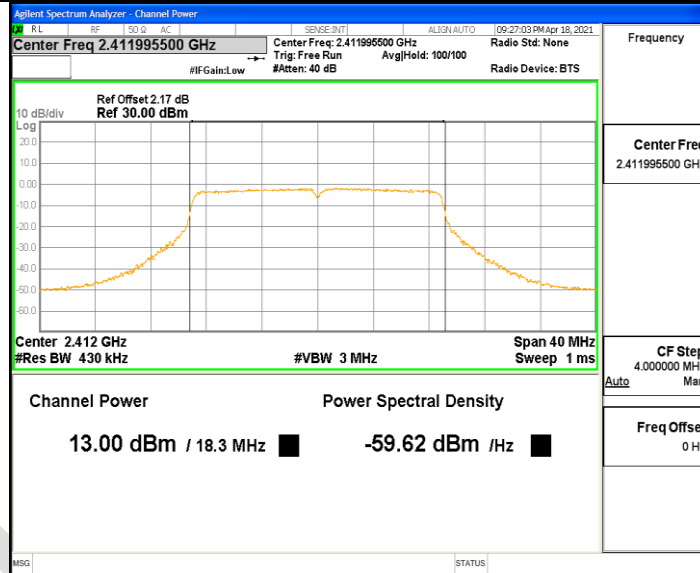
11G_Ant1_2437



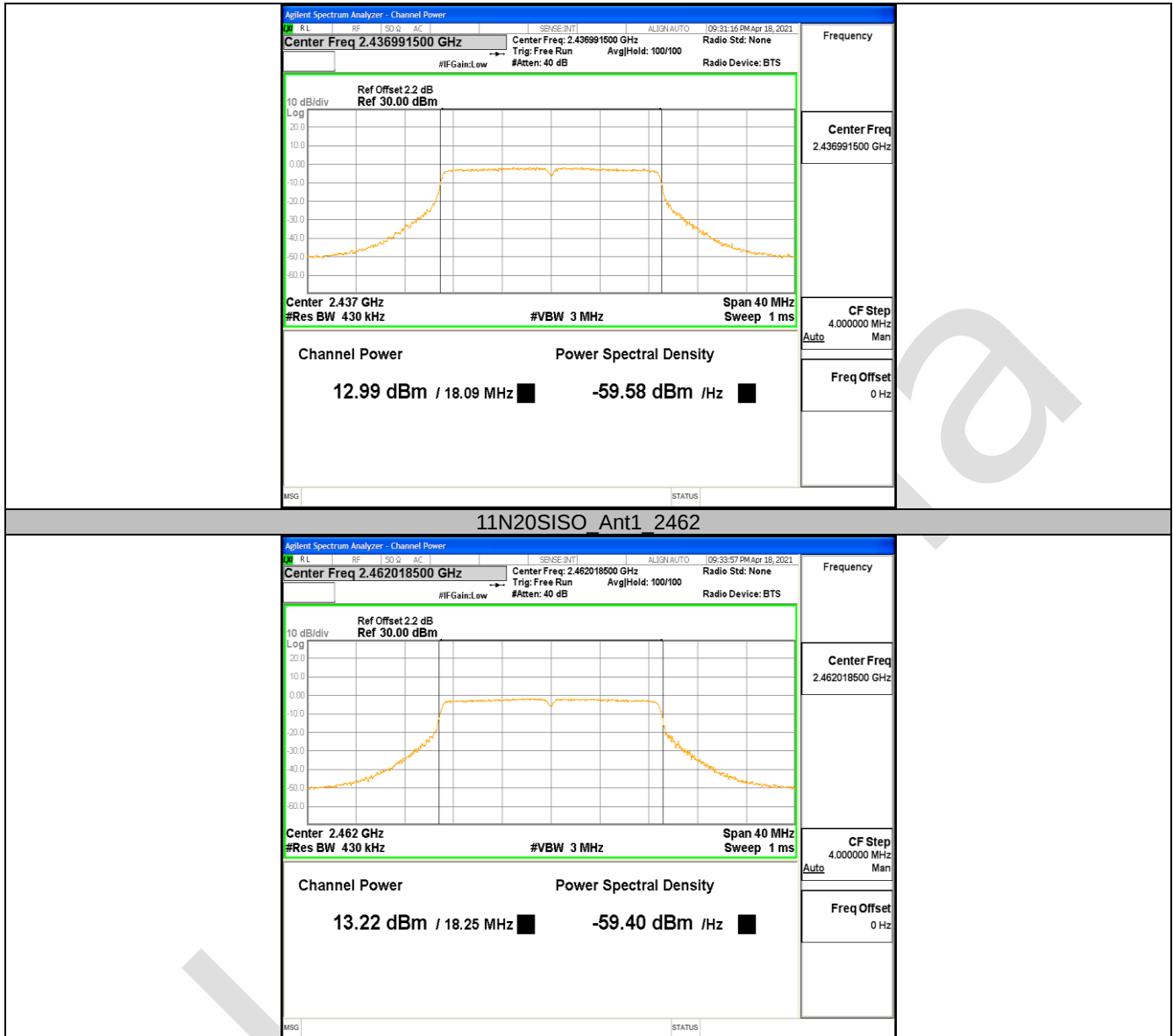
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

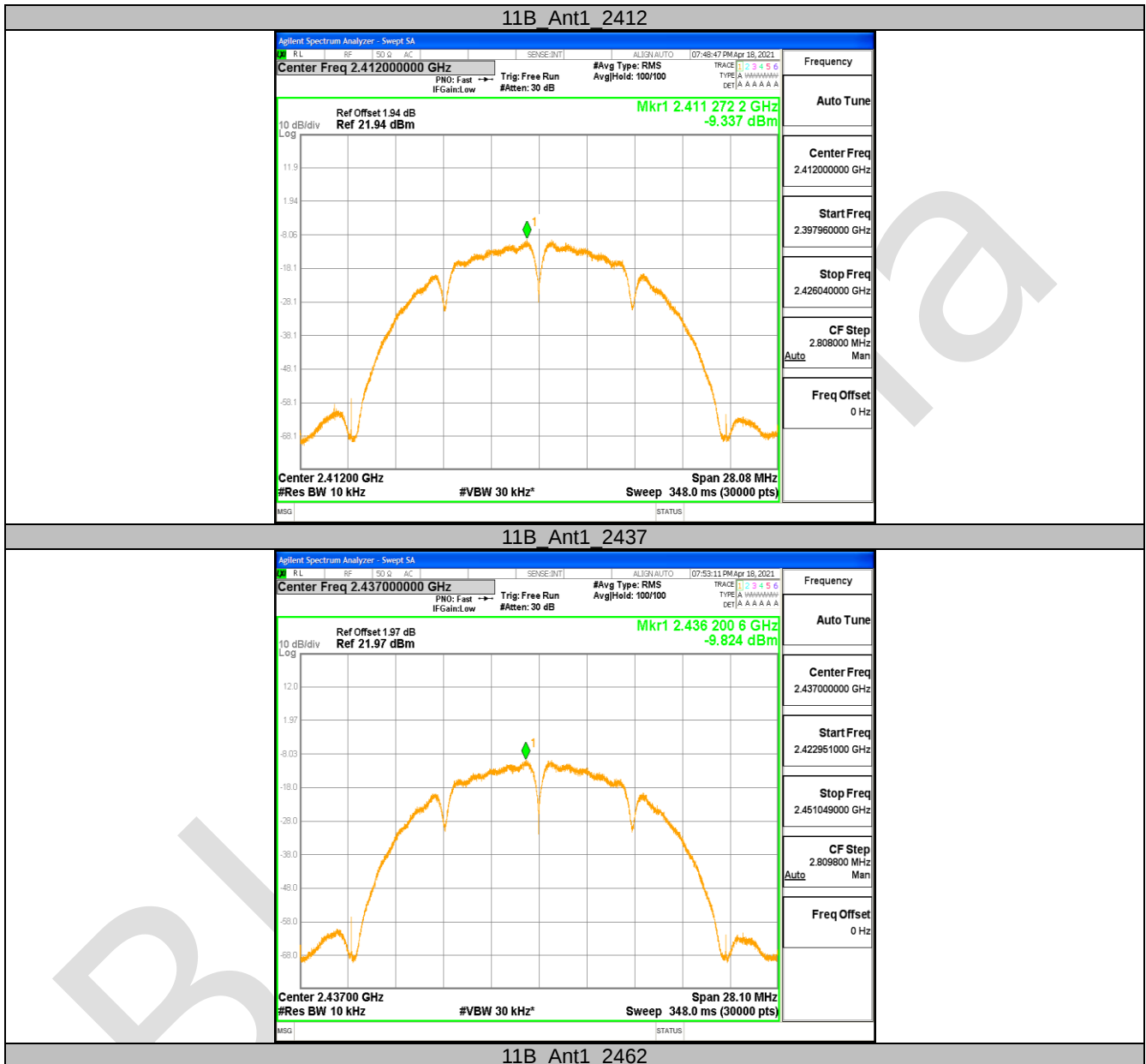


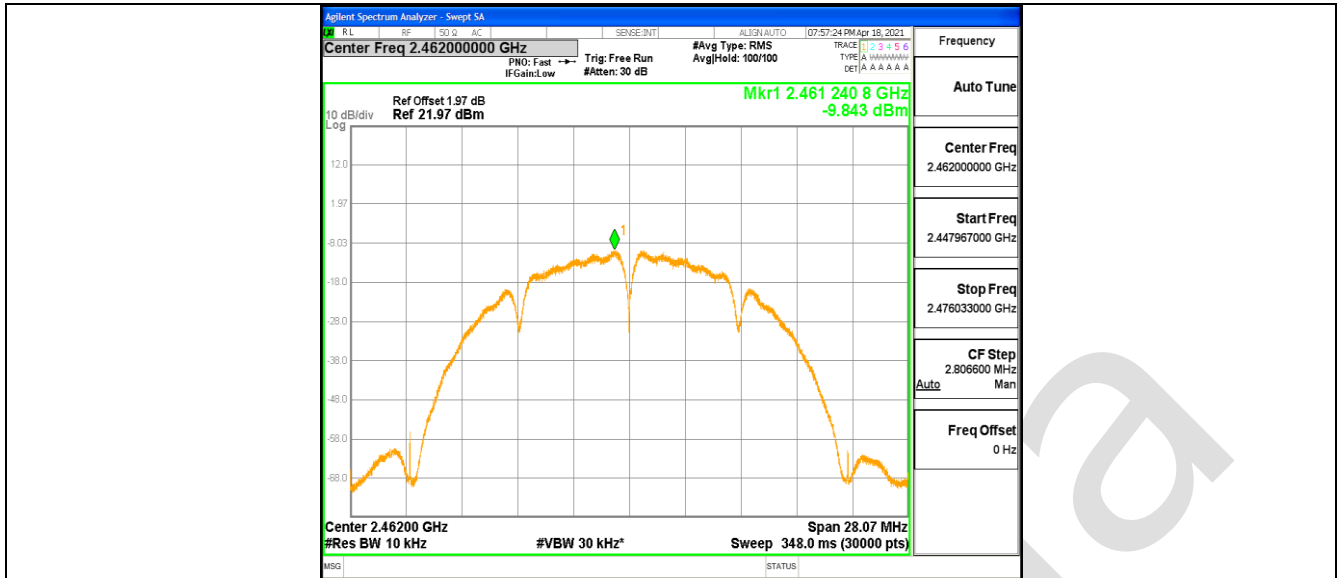
10.4 APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

Test Result

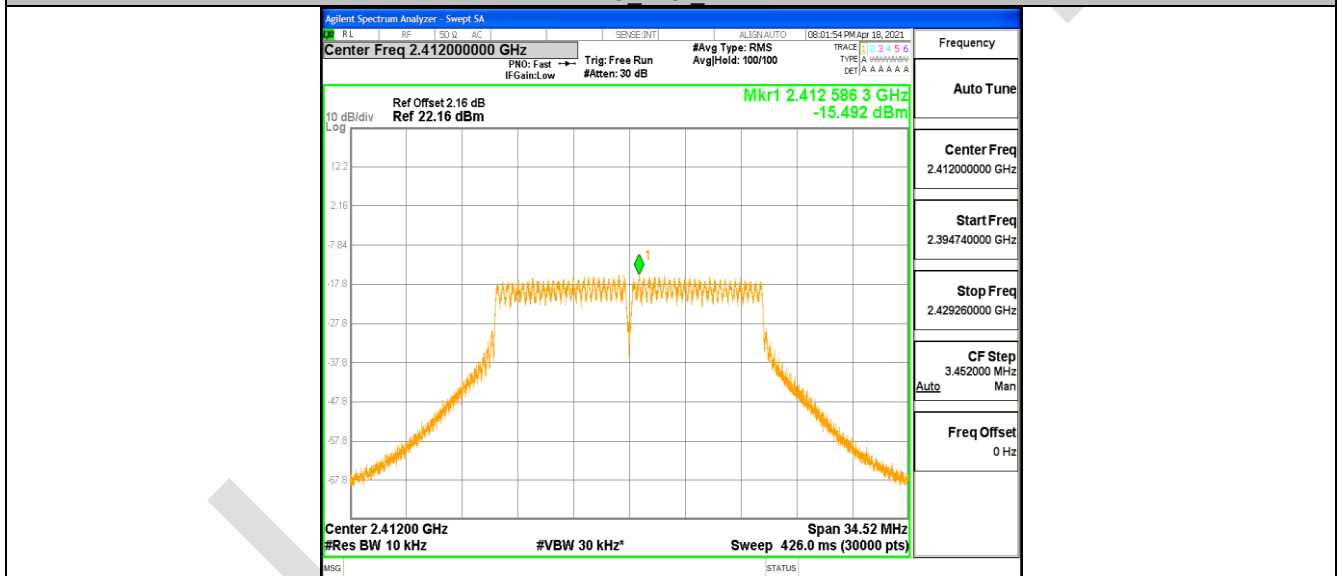
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.34	<=8	PASS
		2437	-9.82	<=8	PASS
		2462	-9.84	<=8	PASS
11G	Ant1	2412	-15.49	<=8	PASS
		2437	-15.28	<=8	PASS
		2462	-14.15	<=8	PASS
11N20SISO	Ant1	2412	-14.87	<=8	PASS
		2437	-15.34	<=8	PASS
		2462	-15.19	<=8	PASS

Test Graphs

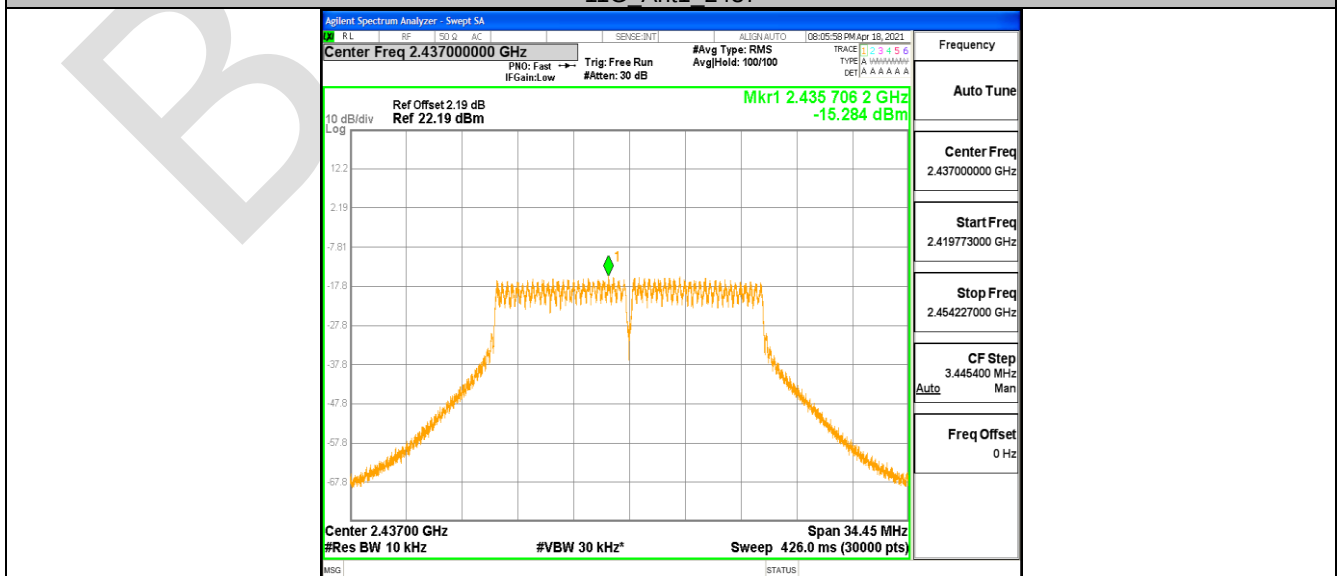




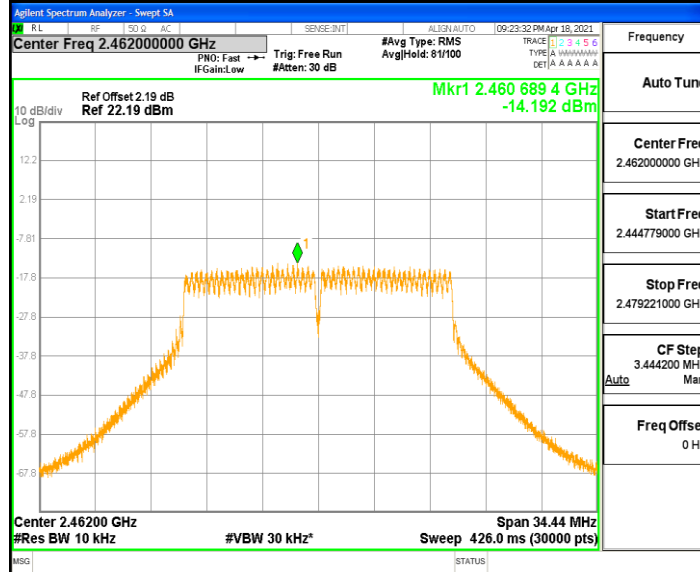
11G Ant1 2412



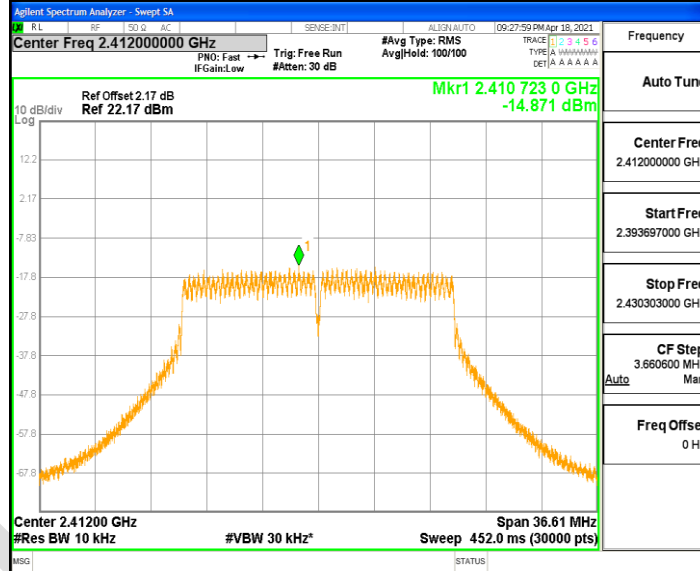
11G Ant1 2437



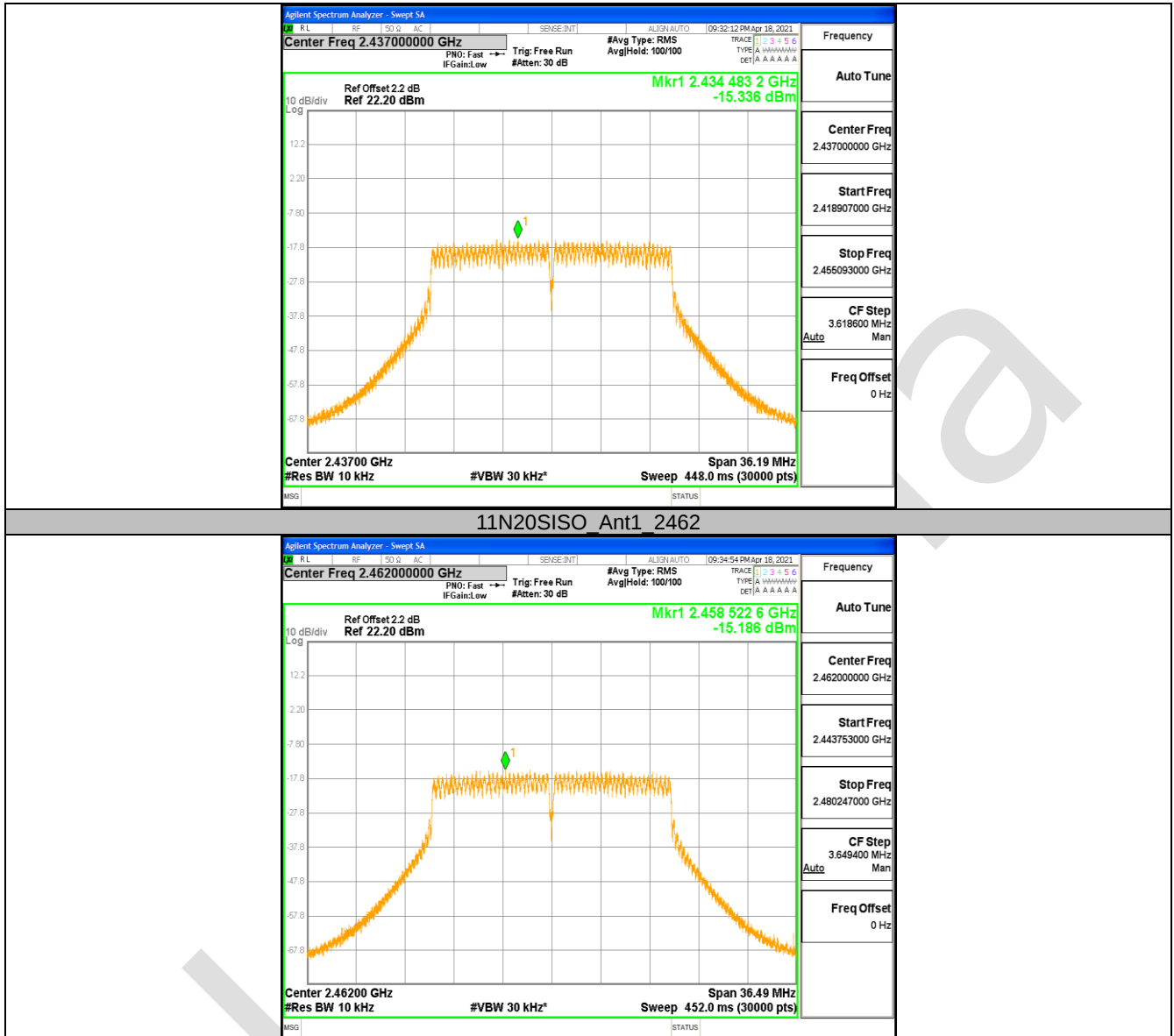
11G Ant1 2462



11N20SISO Ant1 2412



11N20SISO Ant1 2437



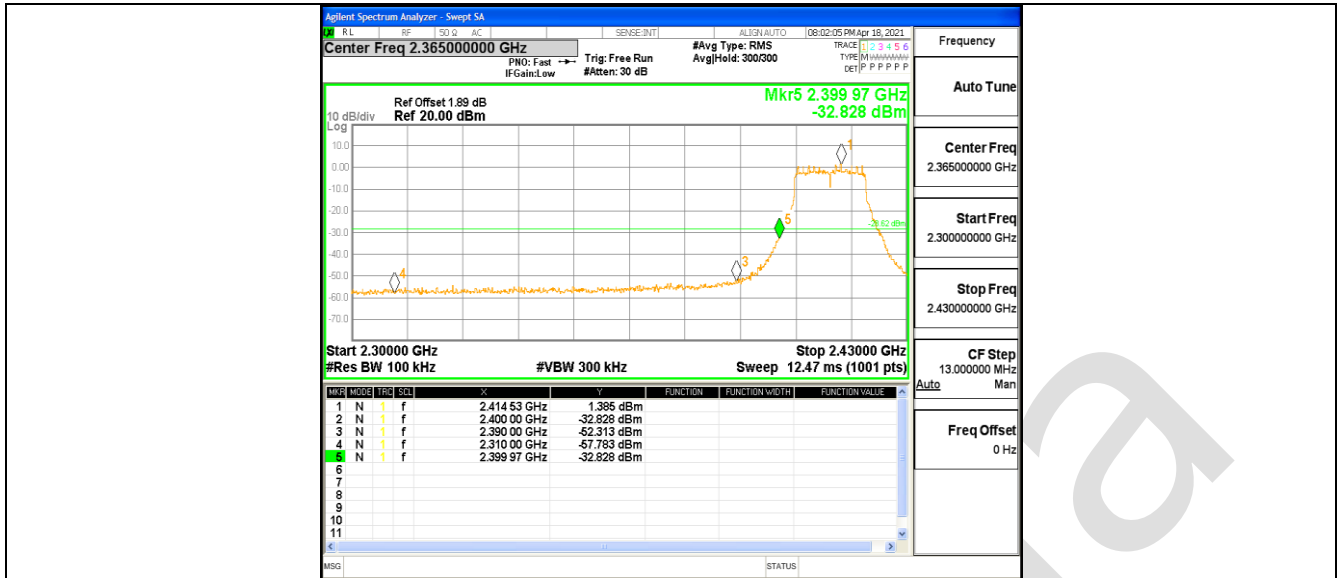
10.5 APPENDIX E: BAND EDGE MEASUREMENTS

Test Result

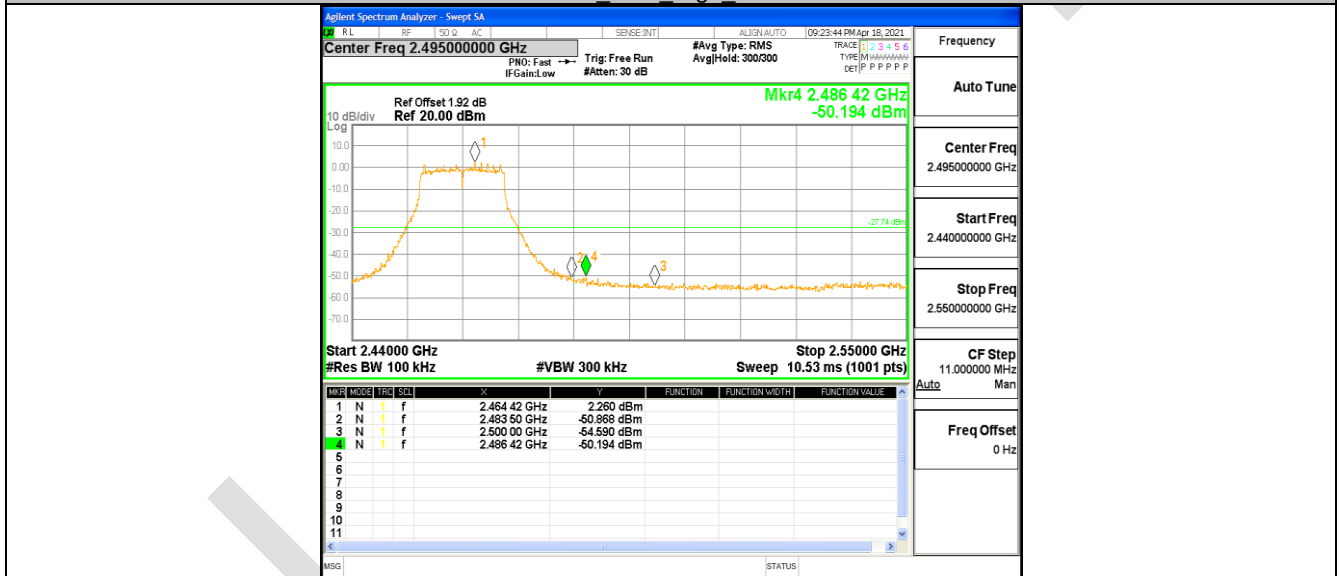
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.78	-43.11	<=-22.22	PASS
		High	2462	8.27	-51.72	<=-21.73	PASS
11G	Ant1	Low	2412	1.39	-32.83	<=-28.62	PASS
		High	2462	2.26	-50.19	<=-27.74	PASS
11N20SISO	Ant1	Low	2412	1.58	-32.03	<=-28.42	PASS
		High	2462	1.66	-50.06	<=-28.34	PASS

Test Graphs

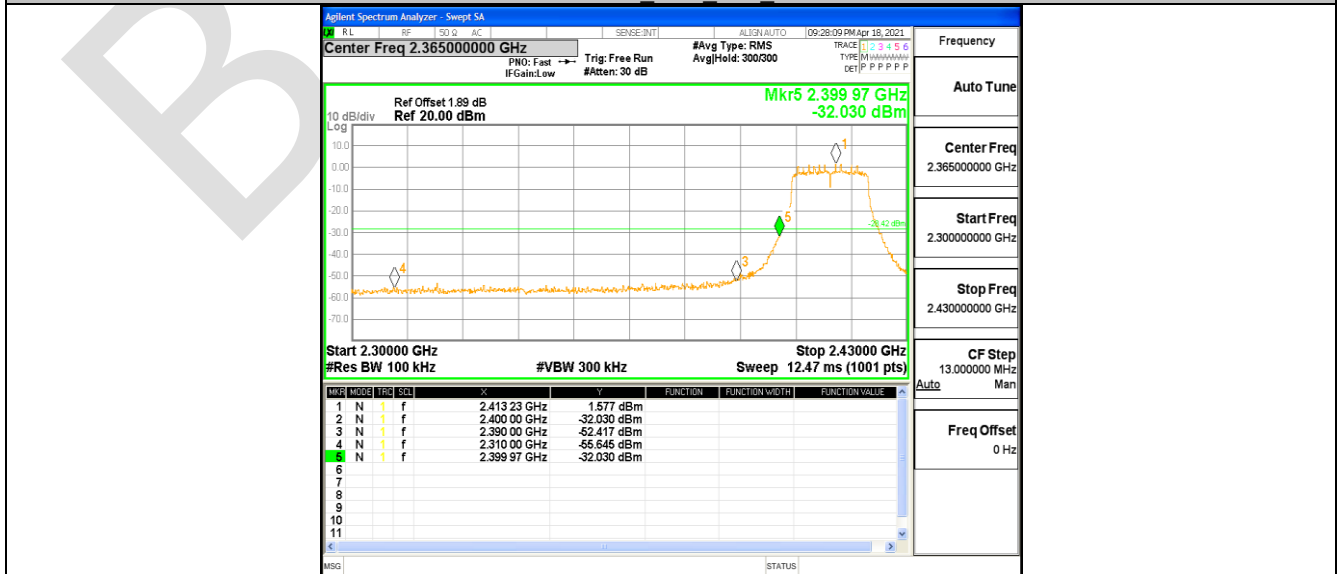


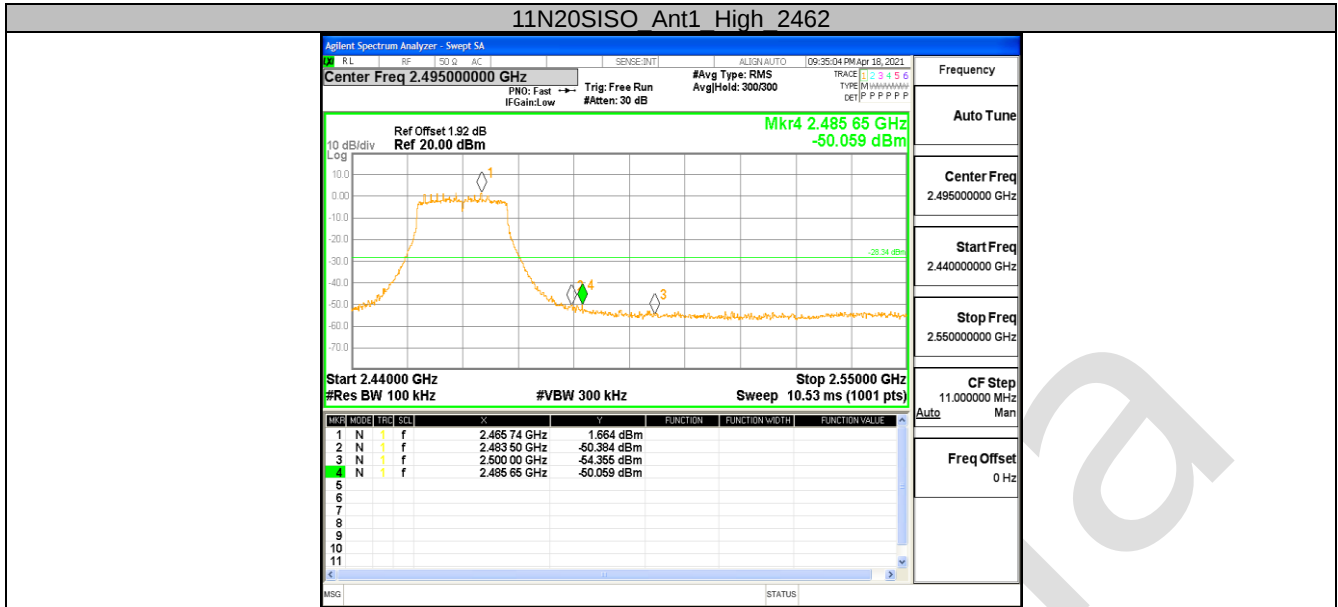


11G Ant1 High 2462



11N20SISO Ant1 Low 2412



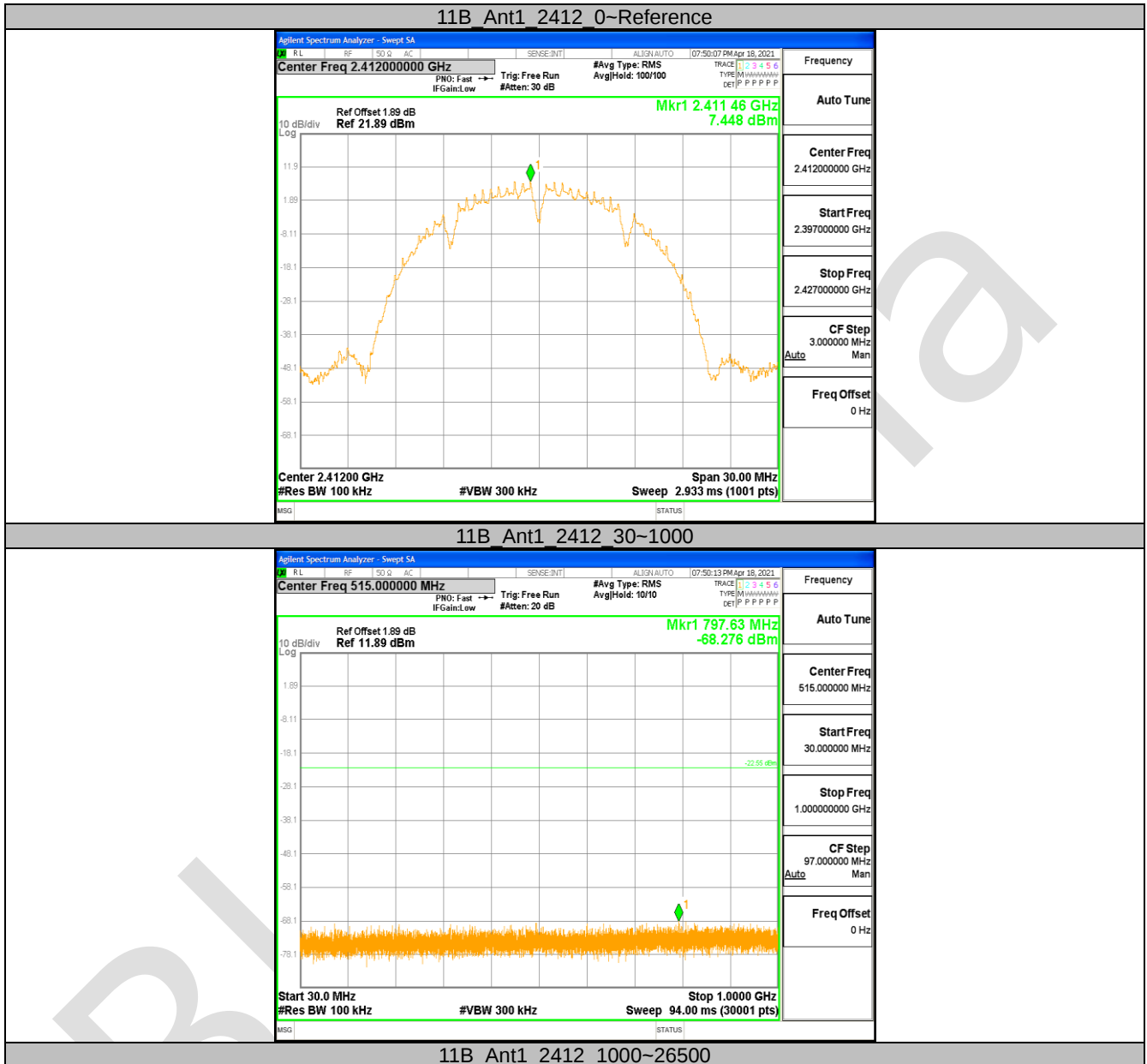


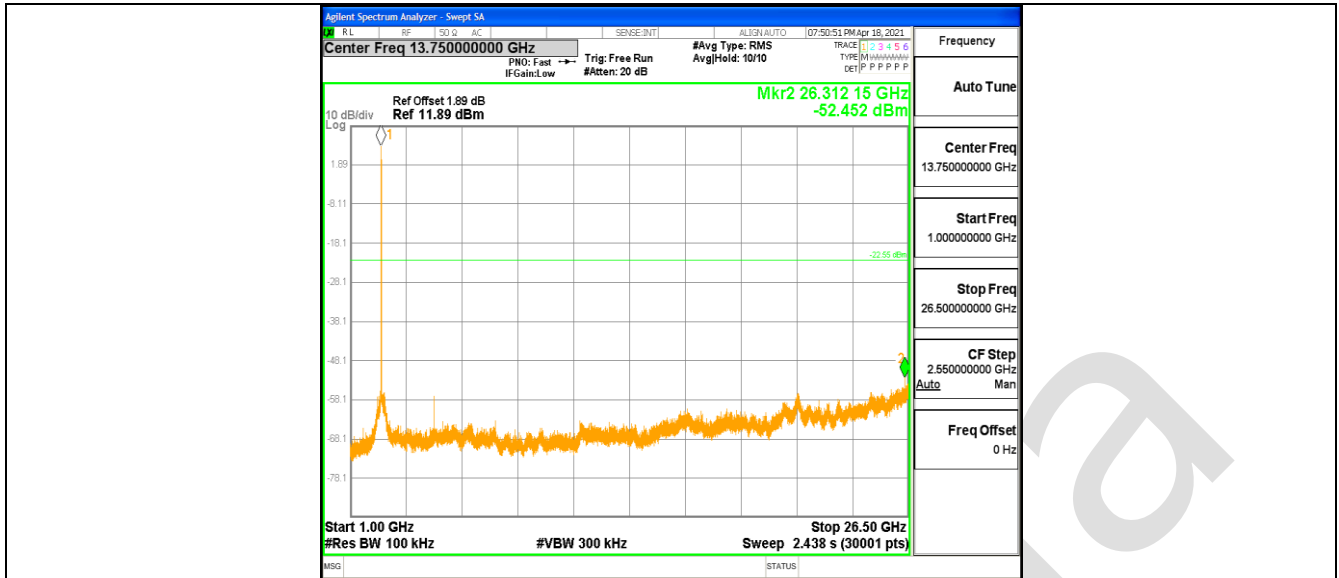
10.6 APPENDIX F: CONDUCTED SPURIOUS EMISSION

Test Result

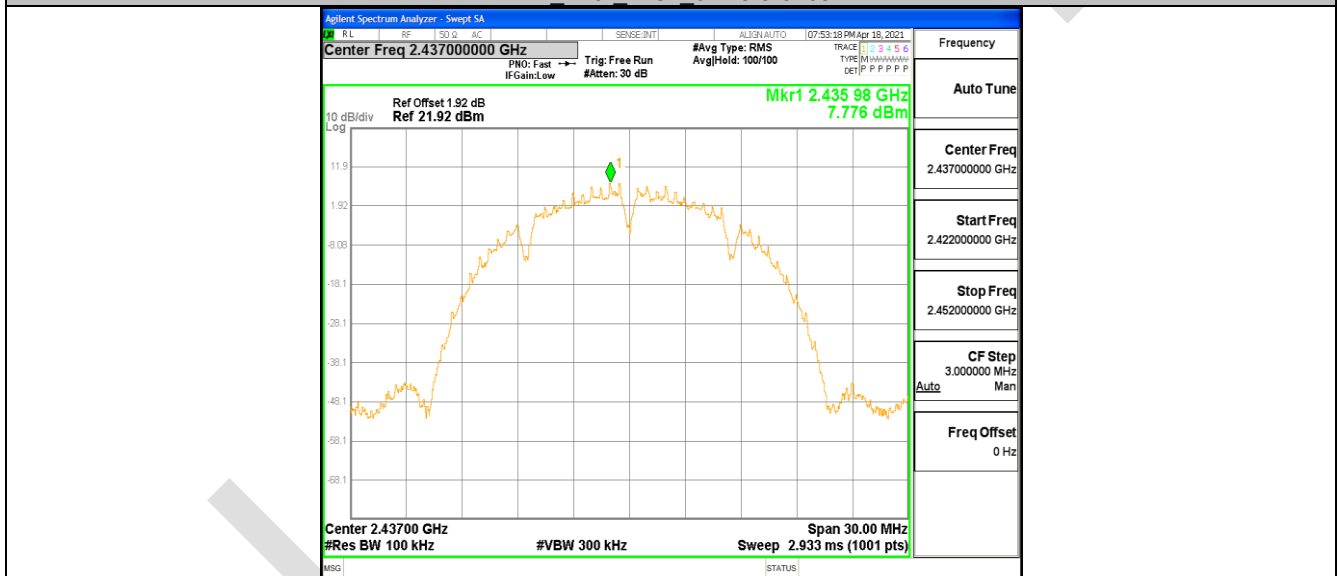
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.45	7.45	---	PASS
			30~1000	7.45	-68.28	<=-22.55	PASS
			1000~26500	7.45	-52.45	<=-22.55	PASS
		2437	Reference	7.78	7.78	---	PASS
			30~1000	7.78	-67.82	<=-22.22	PASS
			1000~26500	7.78	-53.64	<=-22.22	PASS
		2462	Reference	8.16	8.16	---	PASS
			30~1000	8.16	-66.7	<=-21.84	PASS
			1000~26500	8.16	-54.33	<=-21.84	PASS
11G	Ant1	2412	Reference	0.66	0.66	---	PASS
			30~1000	0.66	-68.44	<=-29.35	PASS
			1000~26500	0.66	-53.69	<=-29.35	PASS
		2437	Reference	2.02	2.02	---	PASS
			30~1000	2.02	-67.09	<=-27.98	PASS
			1000~26500	2.02	-52.66	<=-27.98	PASS
		2462	Reference	2.59	2.59	---	PASS
			30~1000	2.59	-67.05	<=-27.41	PASS
			1000~26500	2.59	-53.57	<=-27.41	PASS
11N20SISO	Ant1	2412	Reference	0.58	0.58	---	PASS
			30~1000	0.58	-67.36	<=-29.42	PASS
			1000~26500	0.58	-52.79	<=-29.42	PASS
		2437	Reference	1.20	1.20	---	PASS
			30~1000	1.20	-66.08	<=-28.8	PASS
			1000~26500	1.20	-52.31	<=-28.8	PASS
		2462	Reference	2.28	2.28	---	PASS
			30~1000	2.28	-66.7	<=-27.72	PASS
			1000~26500	2.28	-53.02	<=-27.72	PASS

Test Graphs

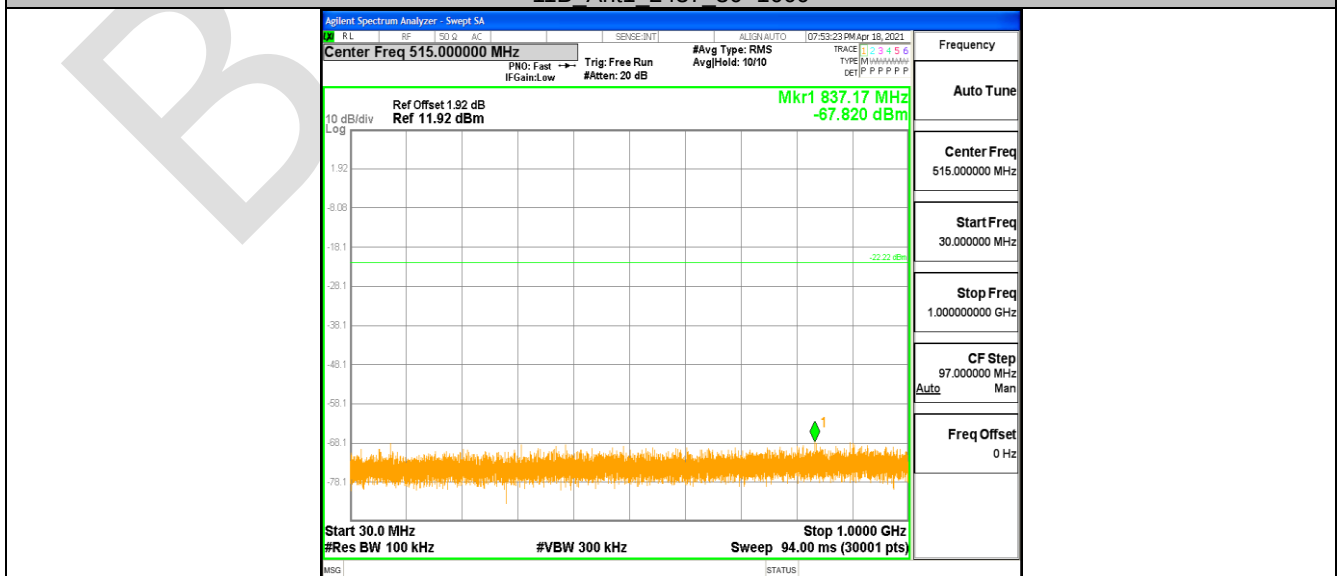




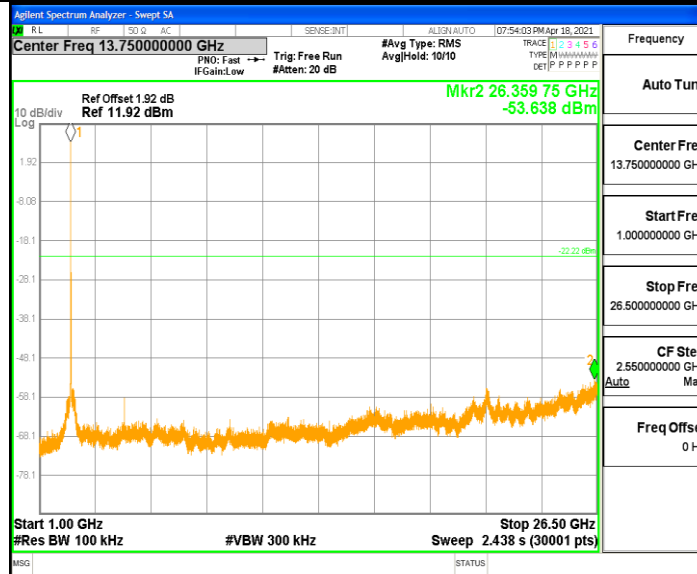
11B Ant1 2437 0-Reference



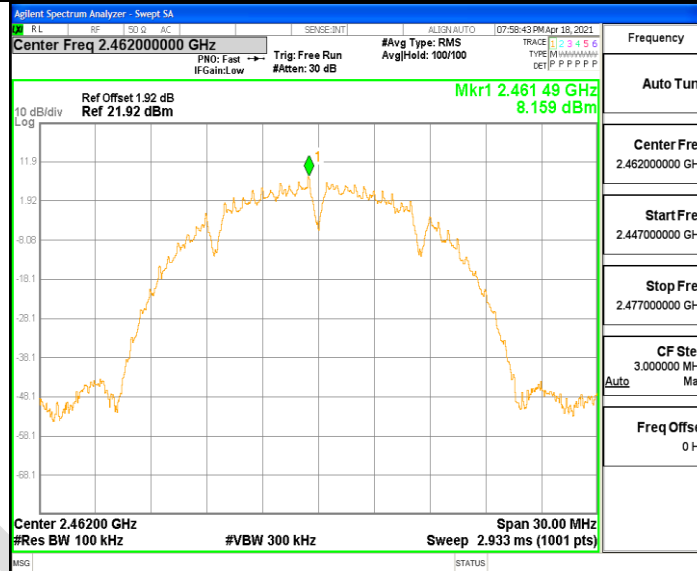
11B Ant1 2437 30-1000



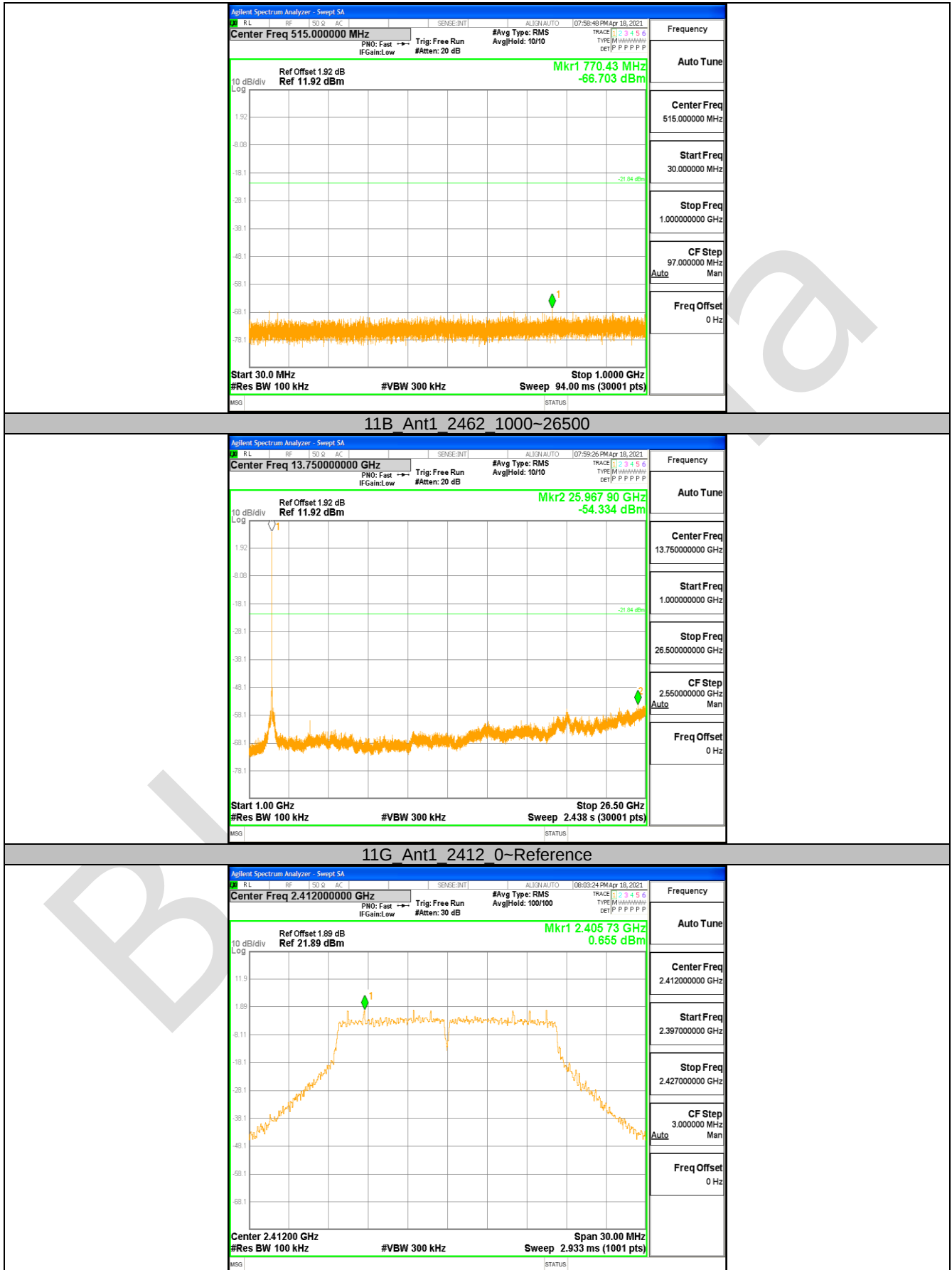
11B_Ant1_2437_1000-26500



11B_Ant1_2462_0-Reference

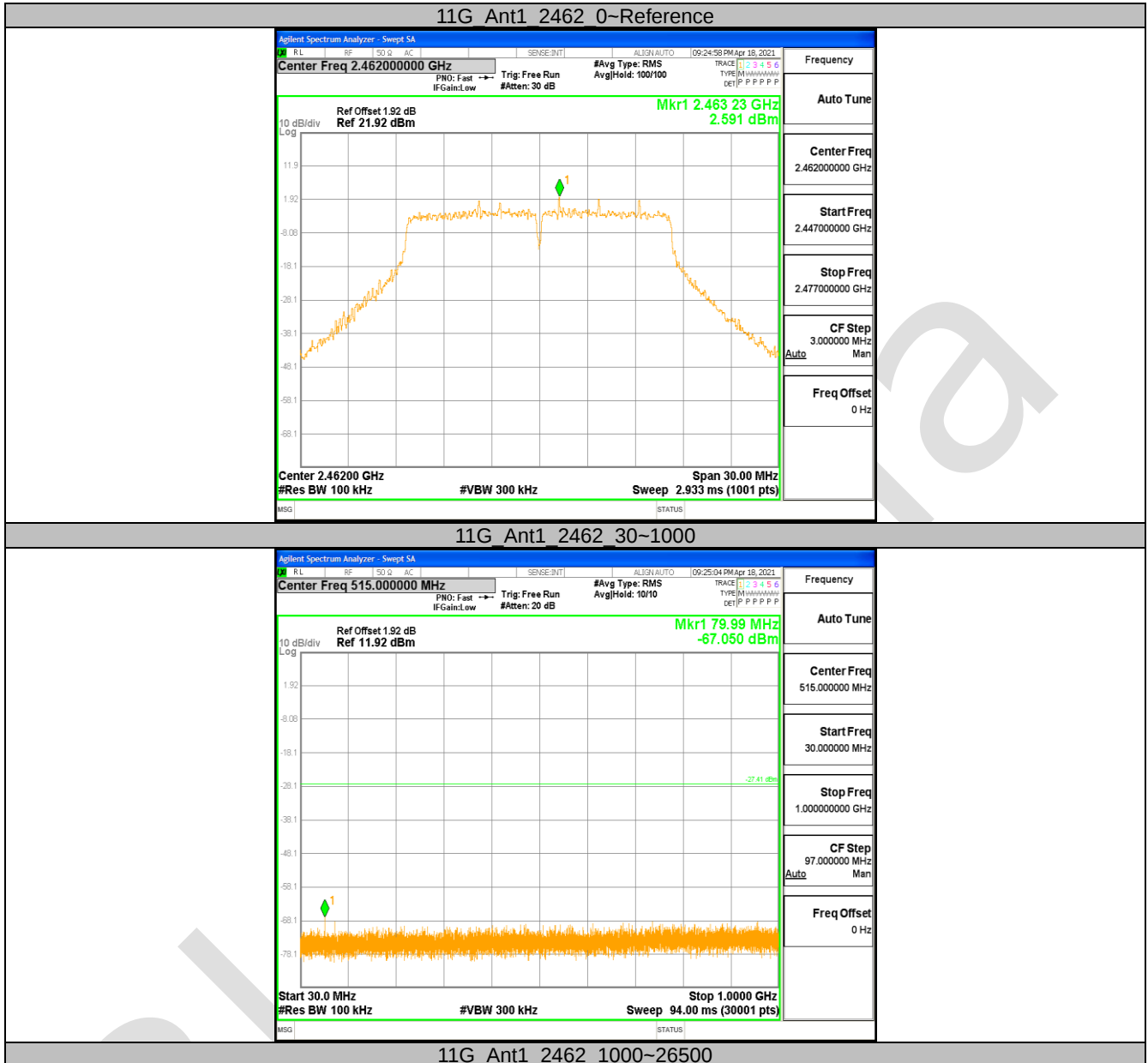


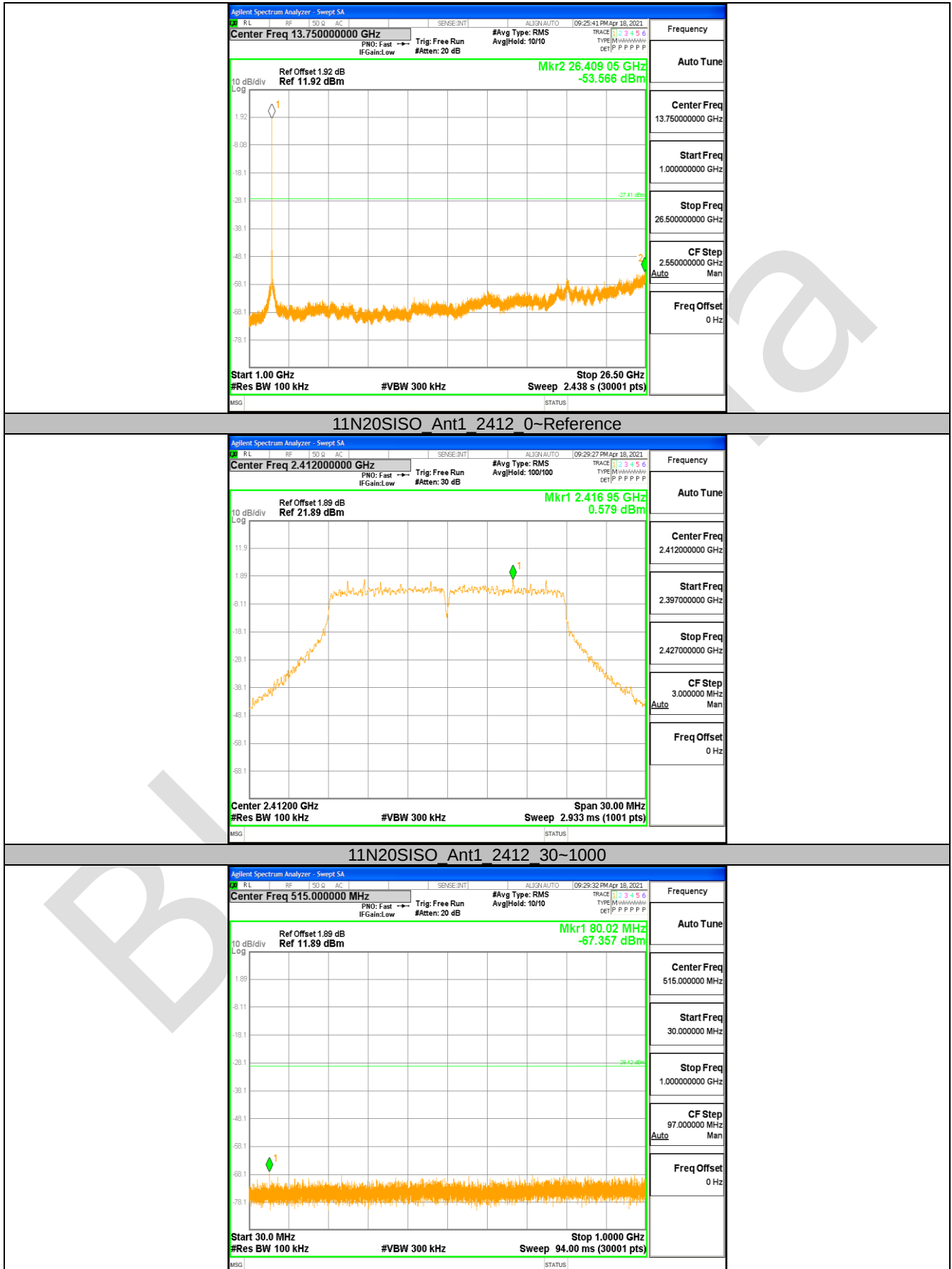
11B_Ant1_2462_30-1000



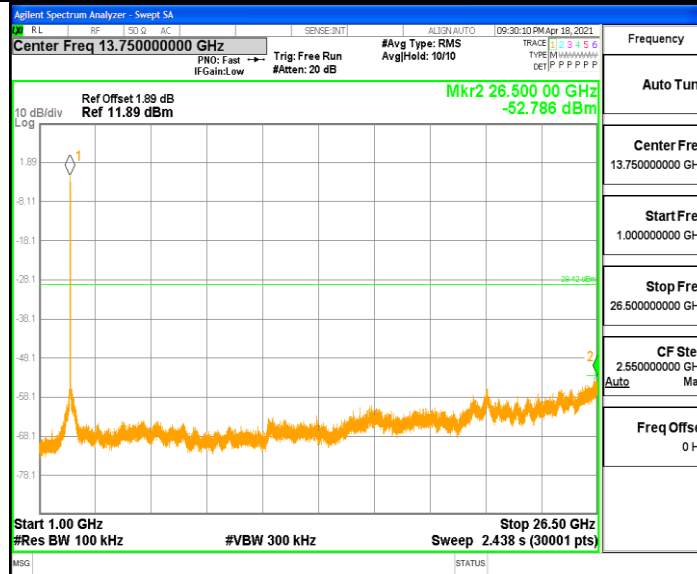




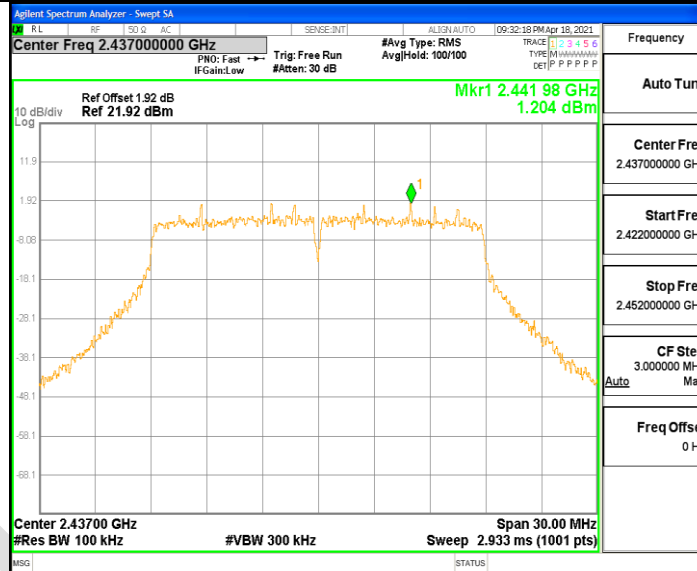




11N20SISO Ant1 2412 1000-26500



11N20SISO Ant1 2437 0-Reference



11N20SISO Ant1 2437 30-1000

