

Appendix: 2.4G WIFI

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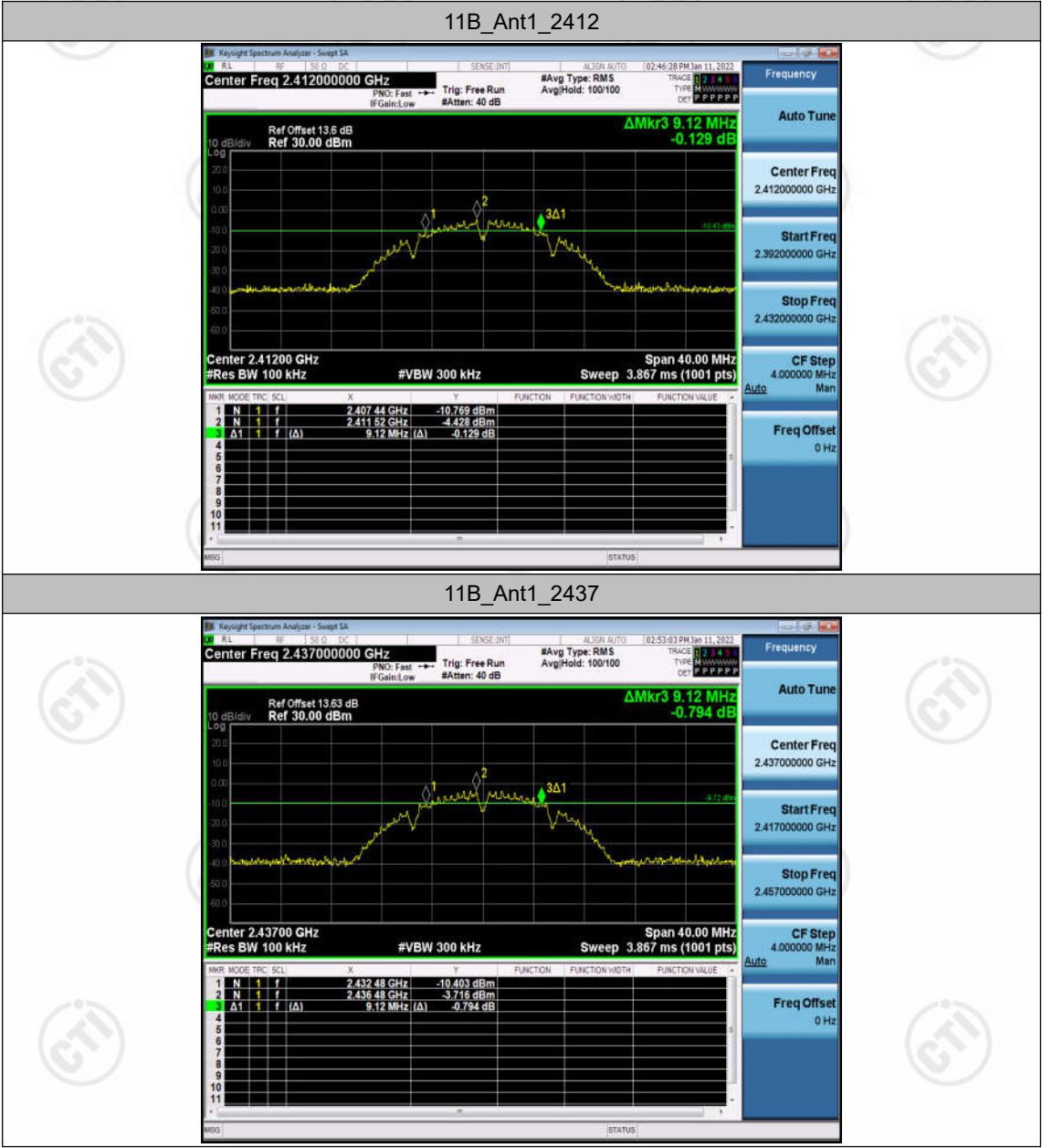
 Test Graphs.....30

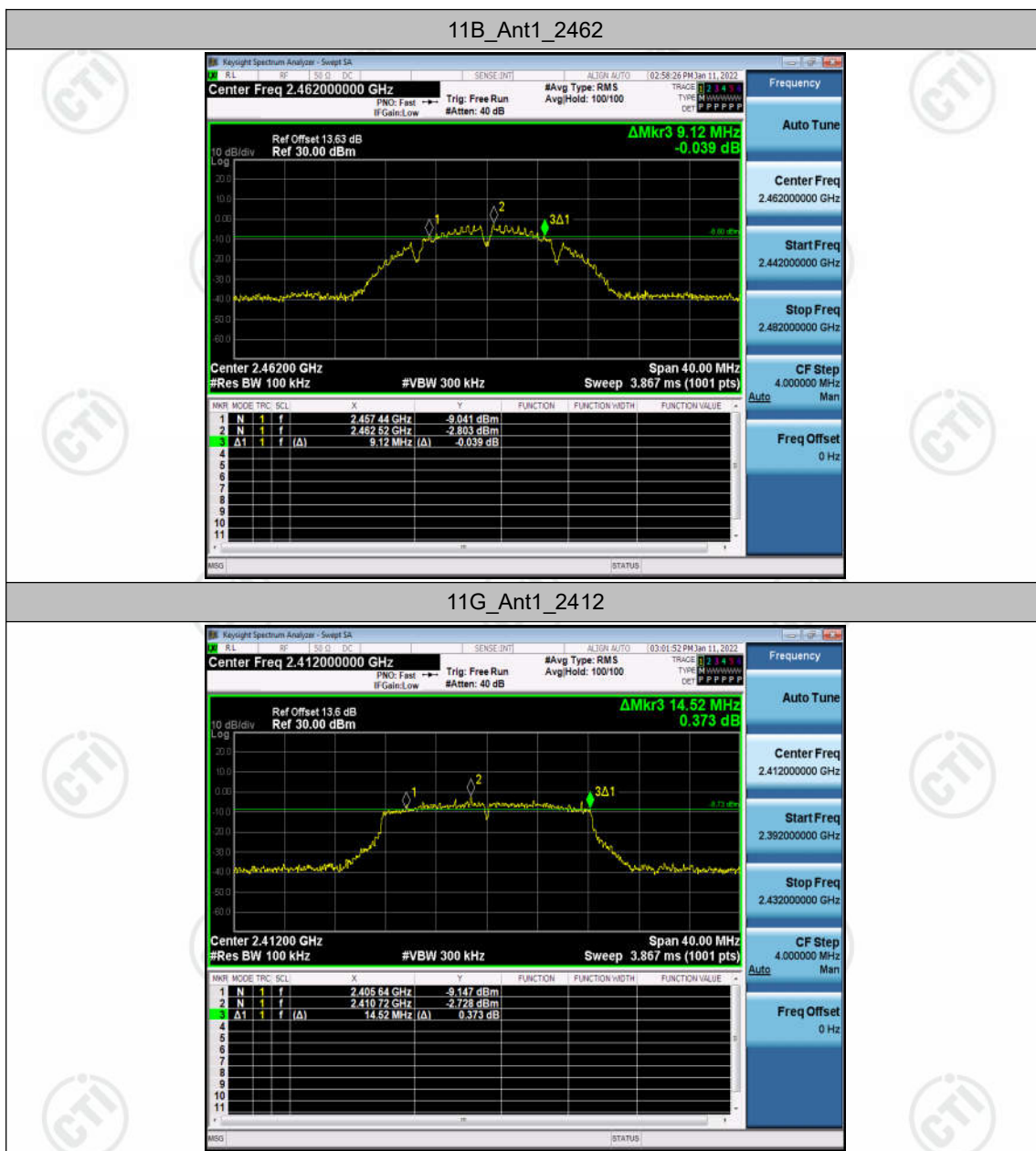
Appendix A: DTS Bandwidth

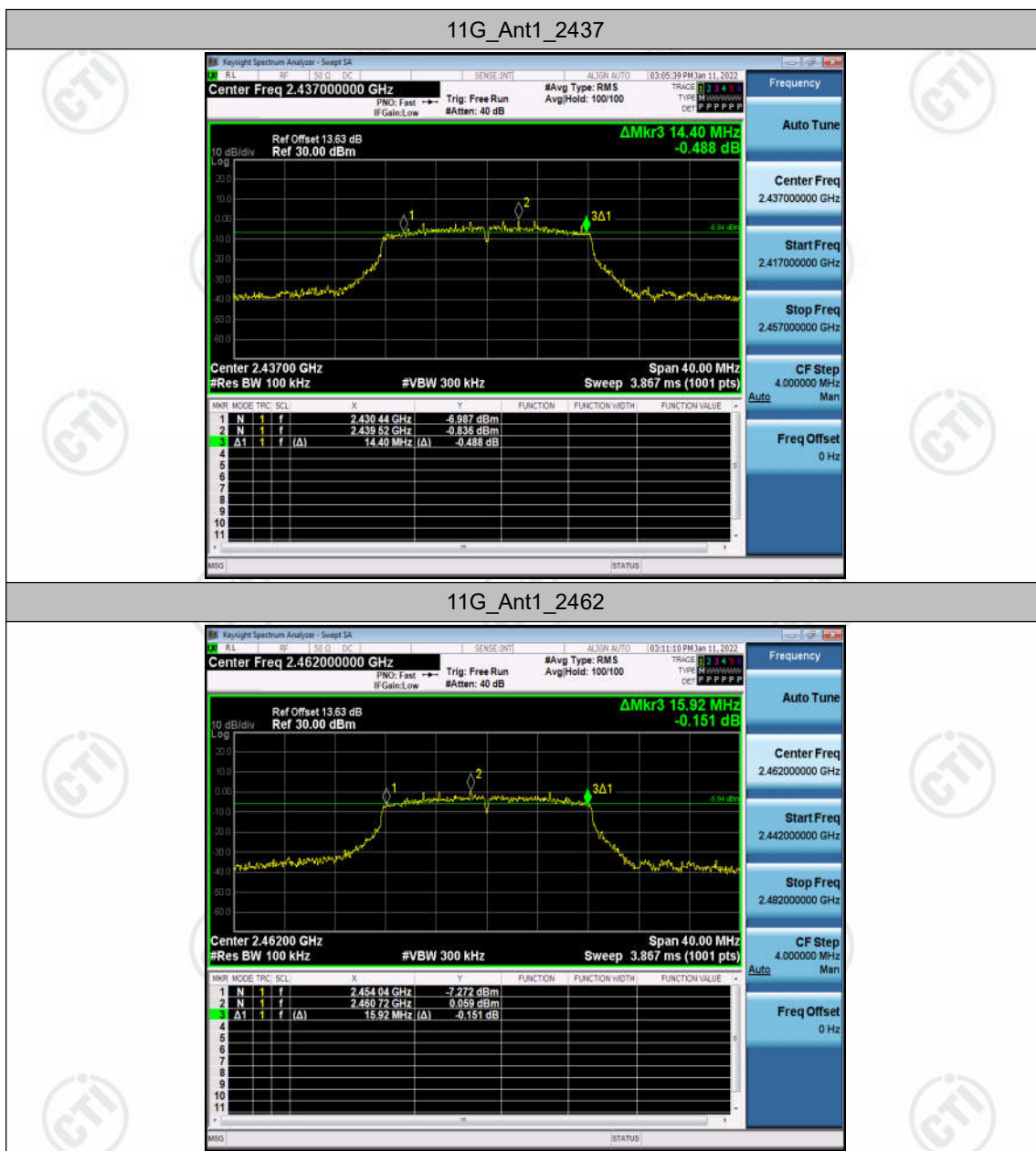
Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.440	2416.560	0.5	PASS
		2437	9.120	2432.480	2441.600	0.5	PASS
		2462	9.120	2457.440	2466.560	0.5	PASS
11G	Ant1	2412	14.520	2405.640	2420.160	0.5	PASS
		2437	14.400	2430.440	2444.840	0.5	PASS
		2462	15.920	2454.040	2469.960	0.5	PASS

Test Graphs





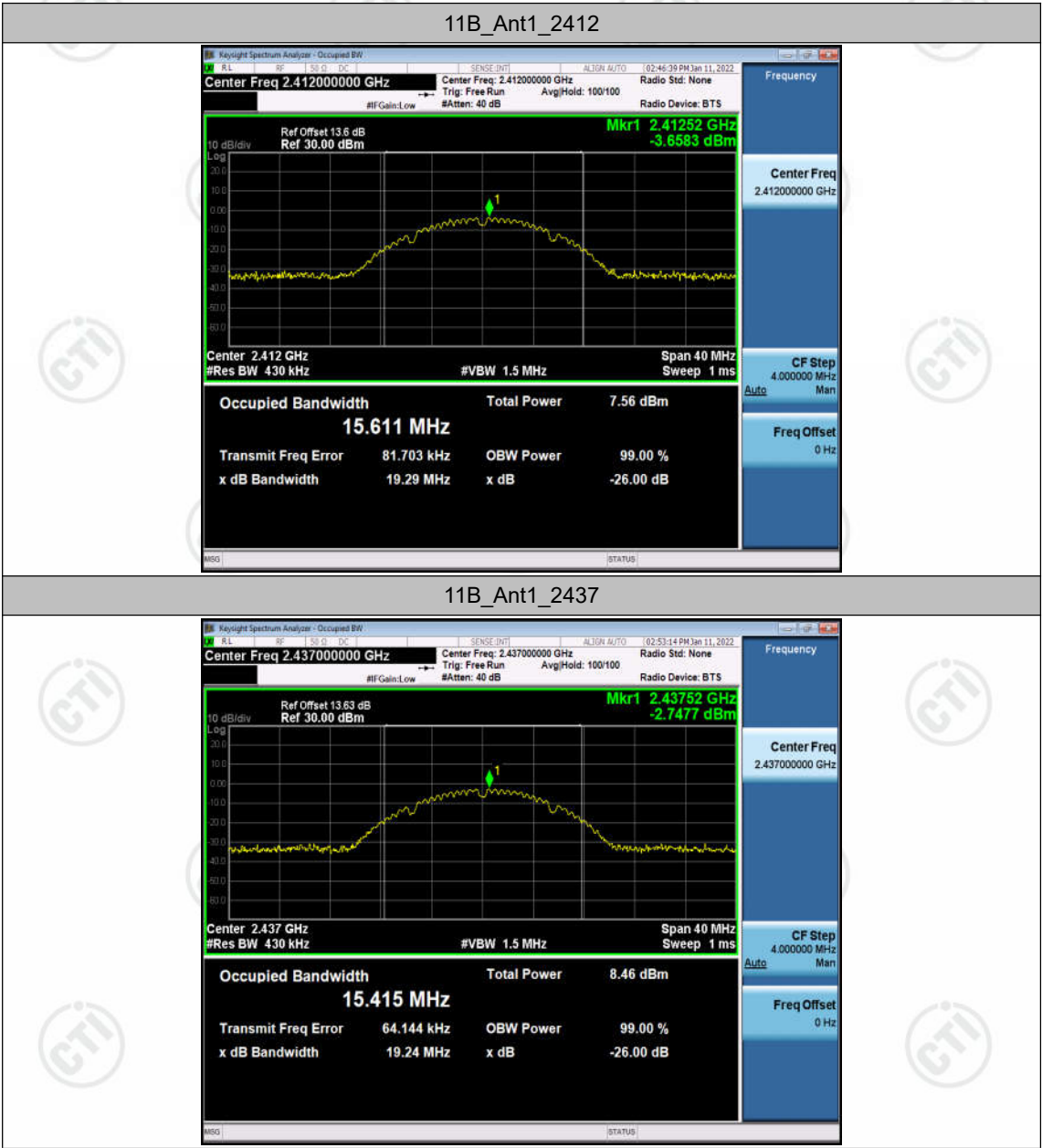


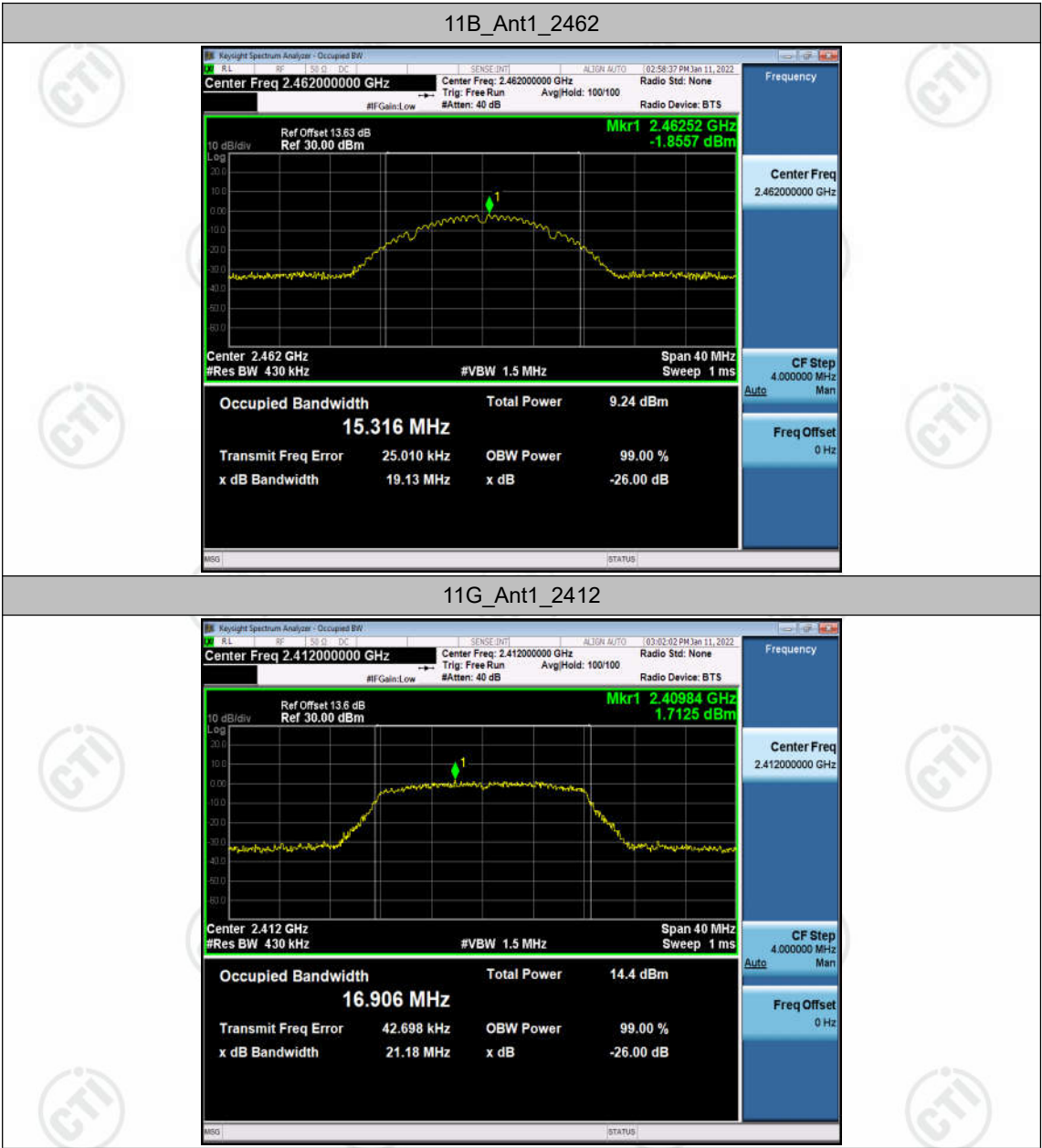
Appendix B: Occupied Channel Bandwidth

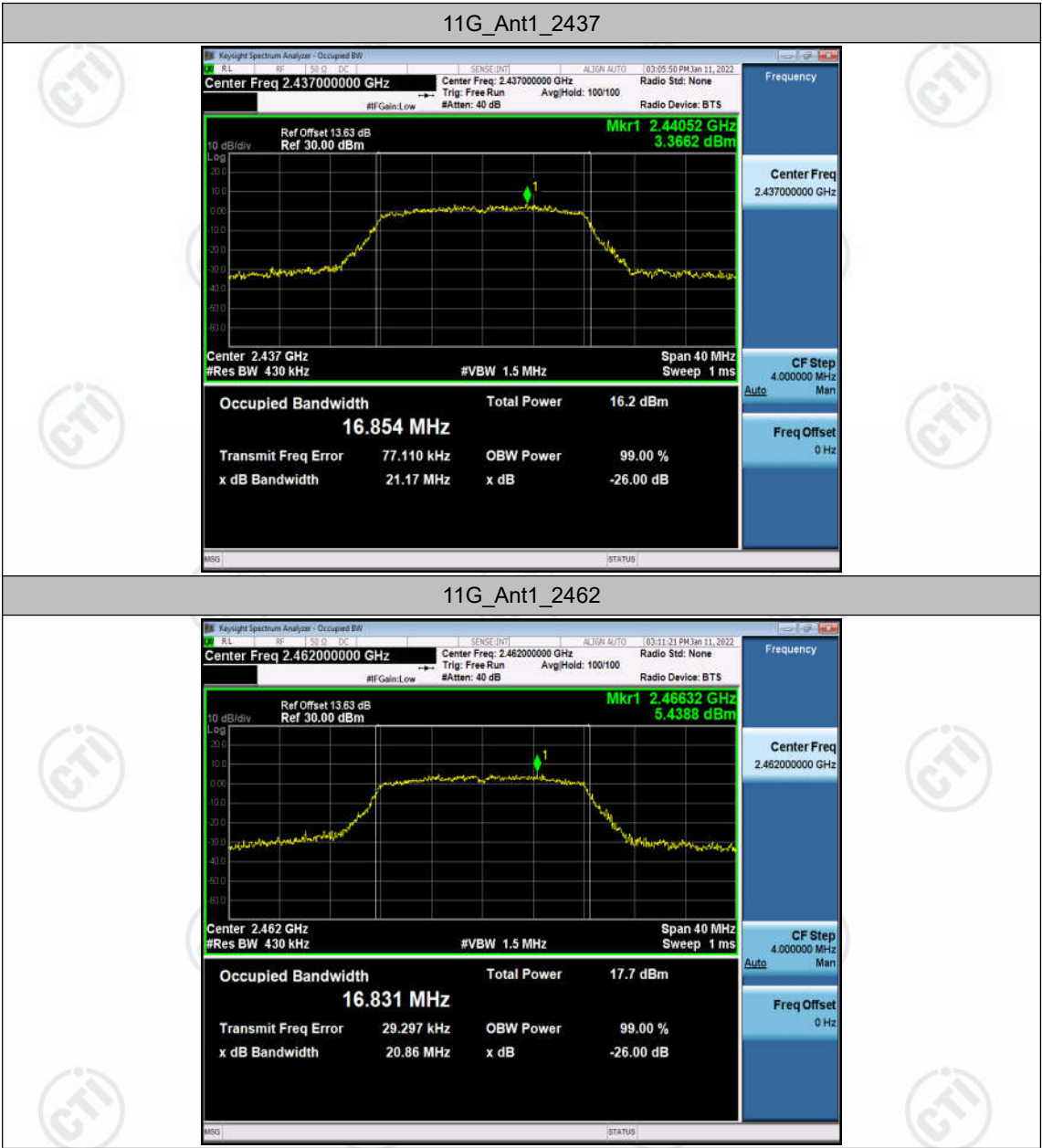
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.611	2404.276	2419.887	---	PASS
		2437	15.415	2429.357	2444.772	---	PASS
		2462	15.316	2454.367	2469.683	---	PASS
11G	Ant1	2412	16.906	2403.590	2420.496	---	PASS
		2437	16.854	2428.650	2445.504	---	PASS
		2462	16.831	2453.614	2470.445	---	PASS

Test Graphs







Appendix C: Maximum conducted output power

Test Result

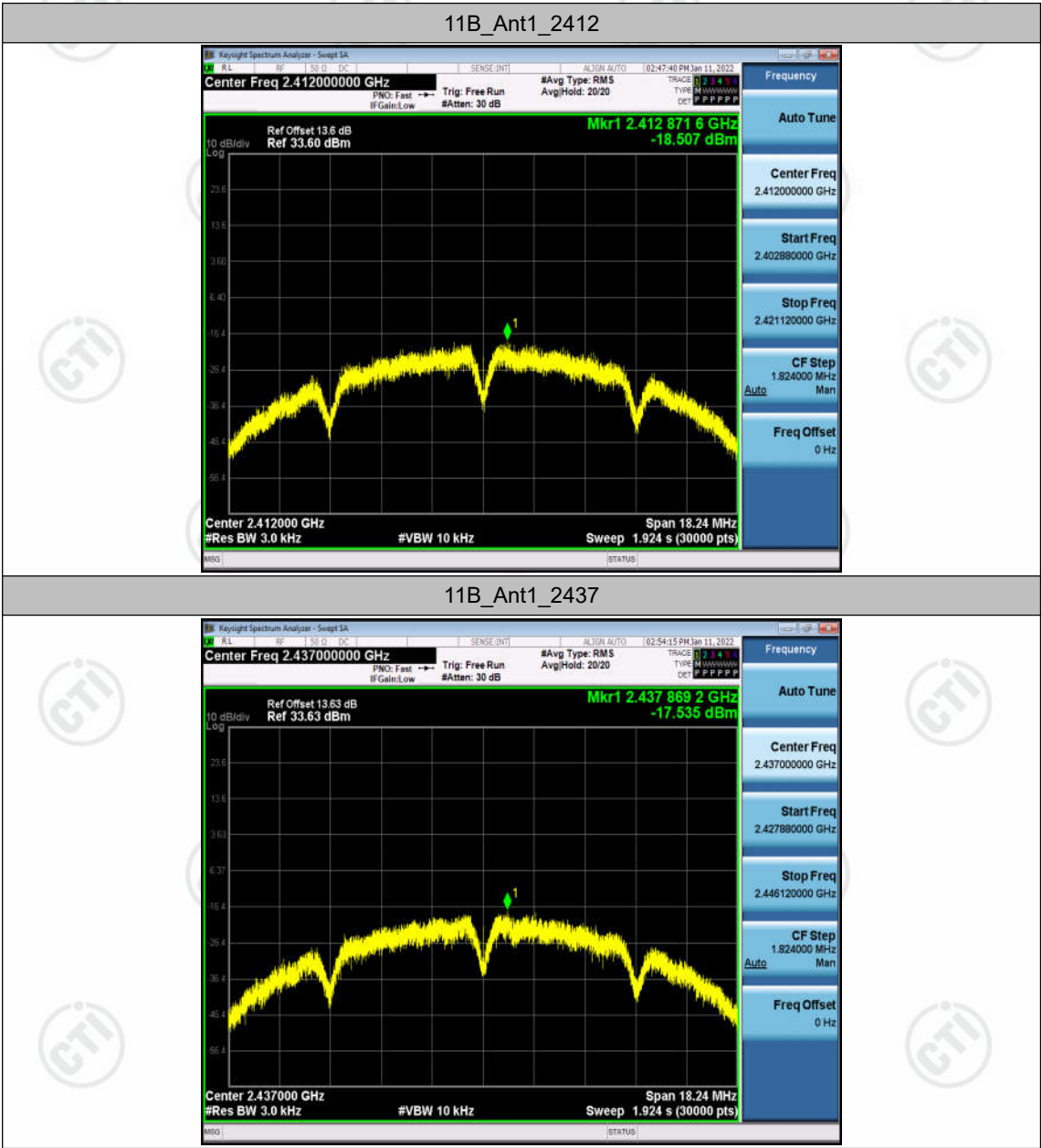
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	7.08	<=30	PASS
		2437	7.97	<=30	PASS
		2462	8.78	<=30	PASS
11G	Ant1	2412	15.29	<=30	PASS
		2437	16.93	<=30	PASS
		2462	18.69	<=30	PASS

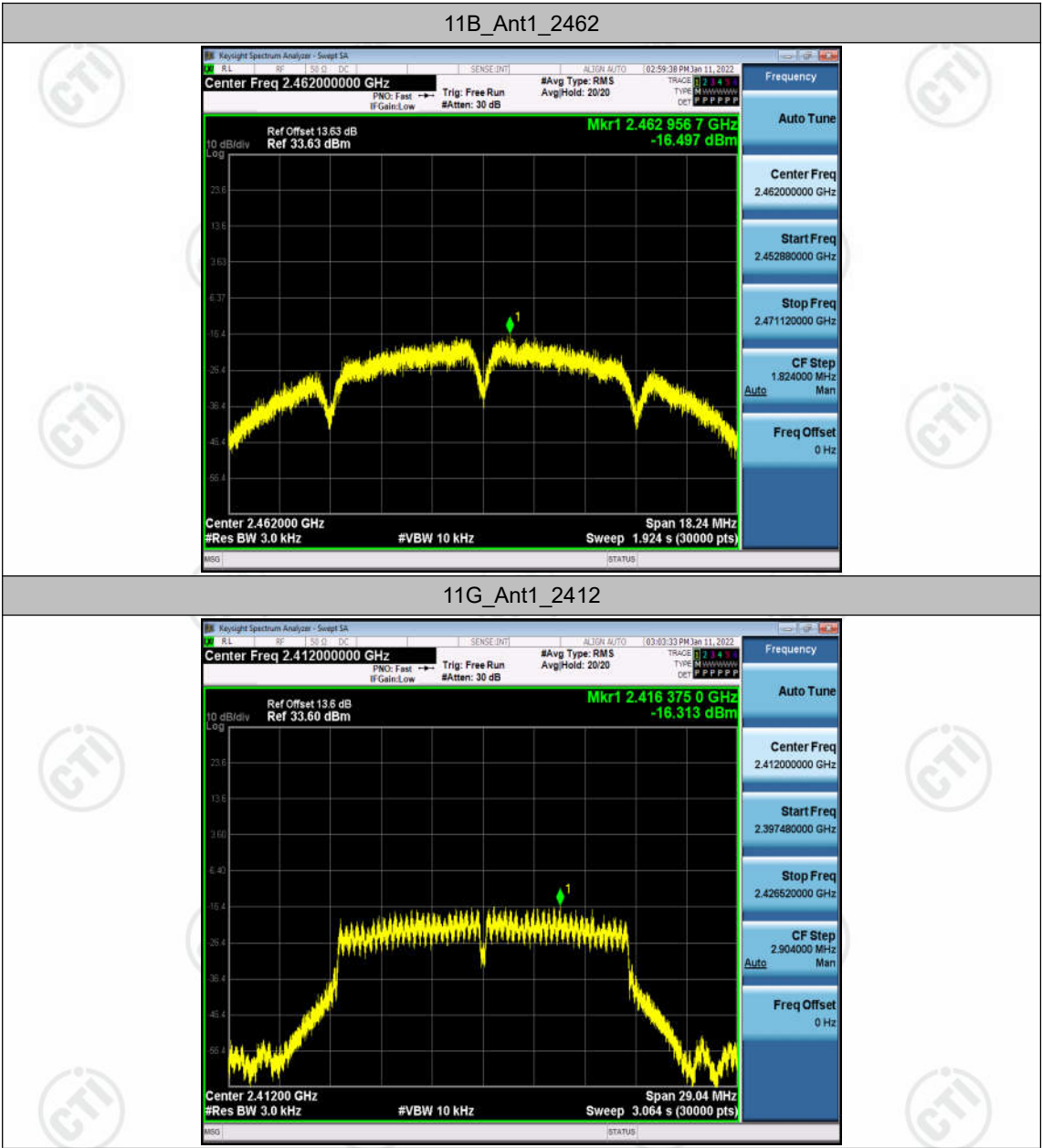
Appendix D: Maximum power spectral density

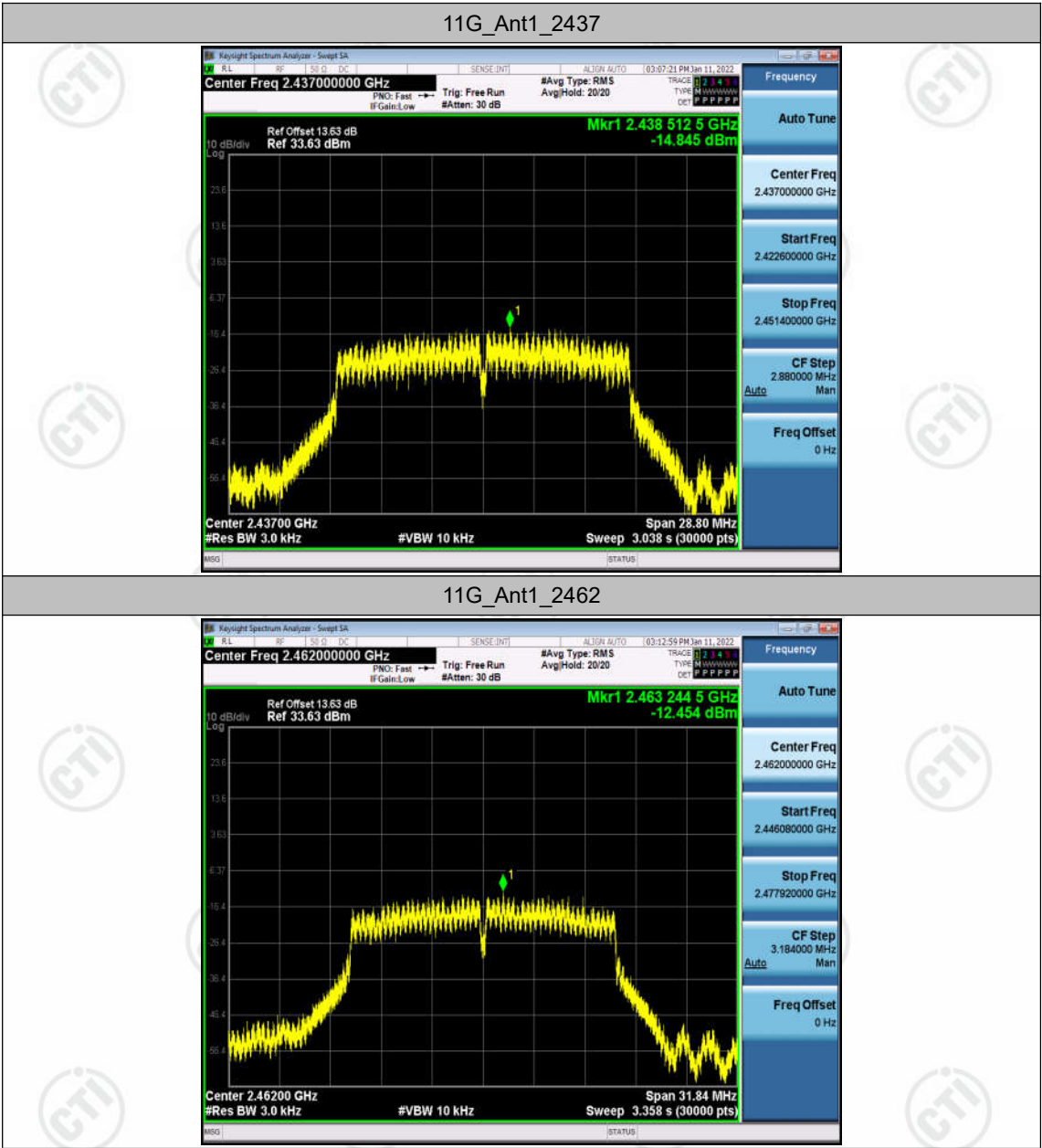
Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.51	<=8	PASS
		2437	-17.54	<=8	PASS
		2462	-16.5	<=8	PASS
11G	Ant1	2412	-16.31	<=8	PASS
		2437	-14.85	<=8	PASS
		2462	-12.45	<=8	PASS

Test Graphs





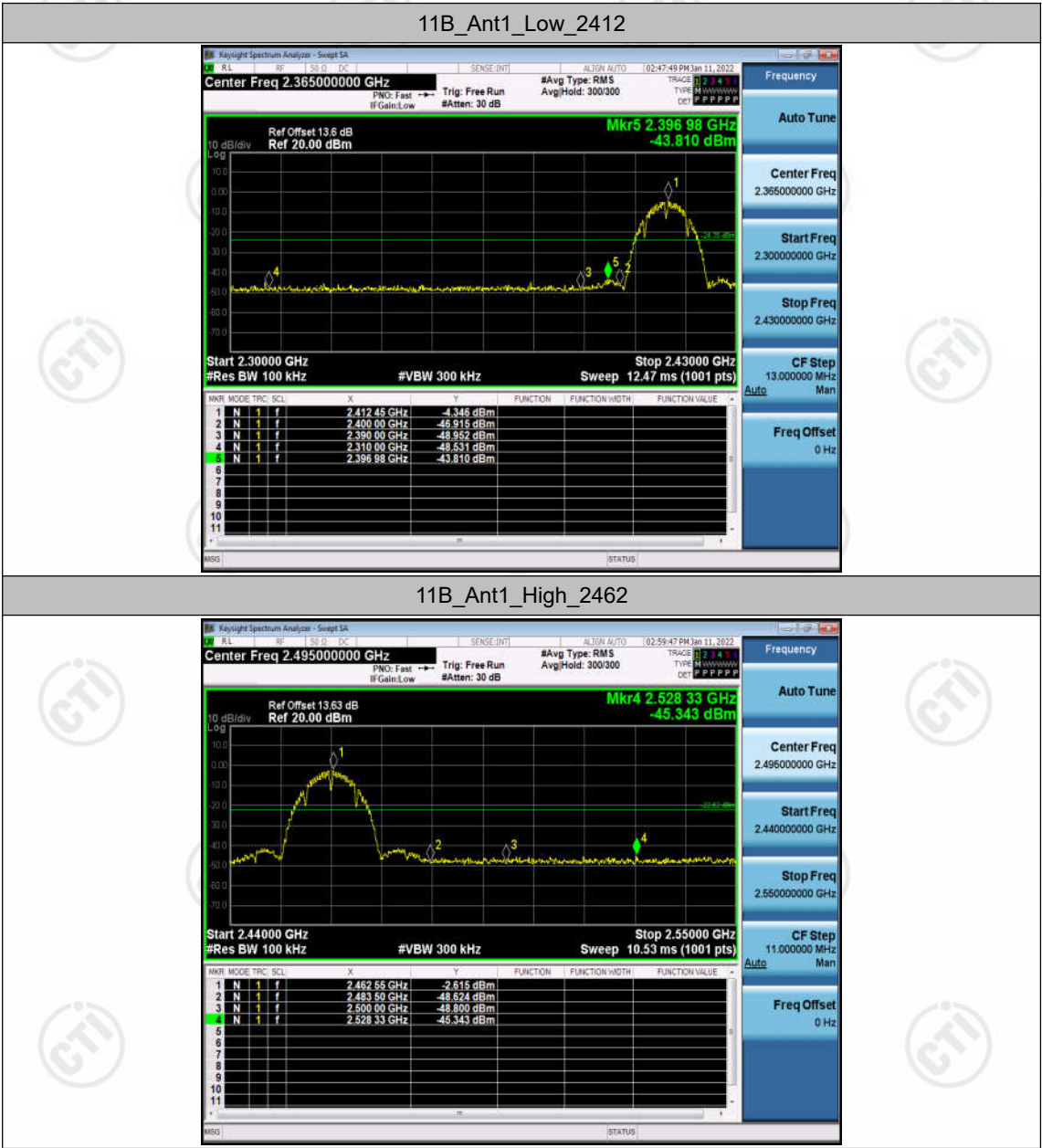


Appendix E: Band edge measurements

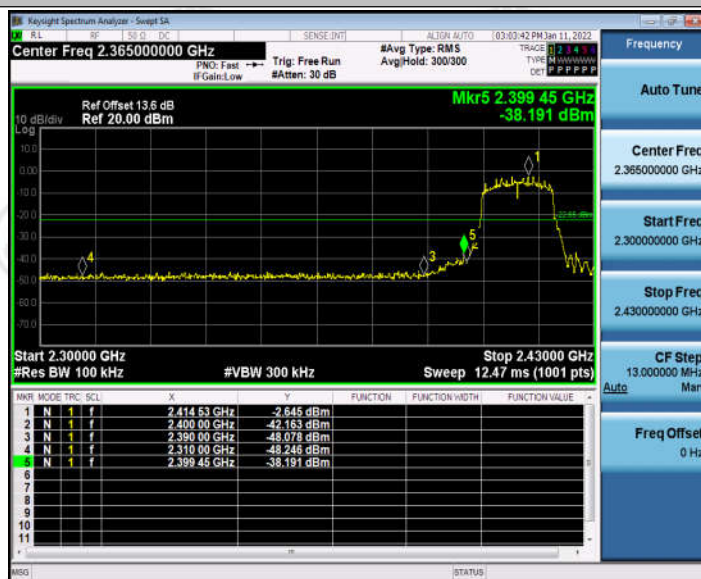
Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-4.35	-43.81	<=-24.35	PASS
		High	2462	-2.62	-45.34	<=-22.62	PASS
11G	Ant1	Low	2412	-2.65	-38.19	<=-22.65	PASS
		High	2462	0.95	-43.86	<=-19.05	PASS

Test Graphs



11G_Ant1_Low_2412



11G_Ant1_High_2462

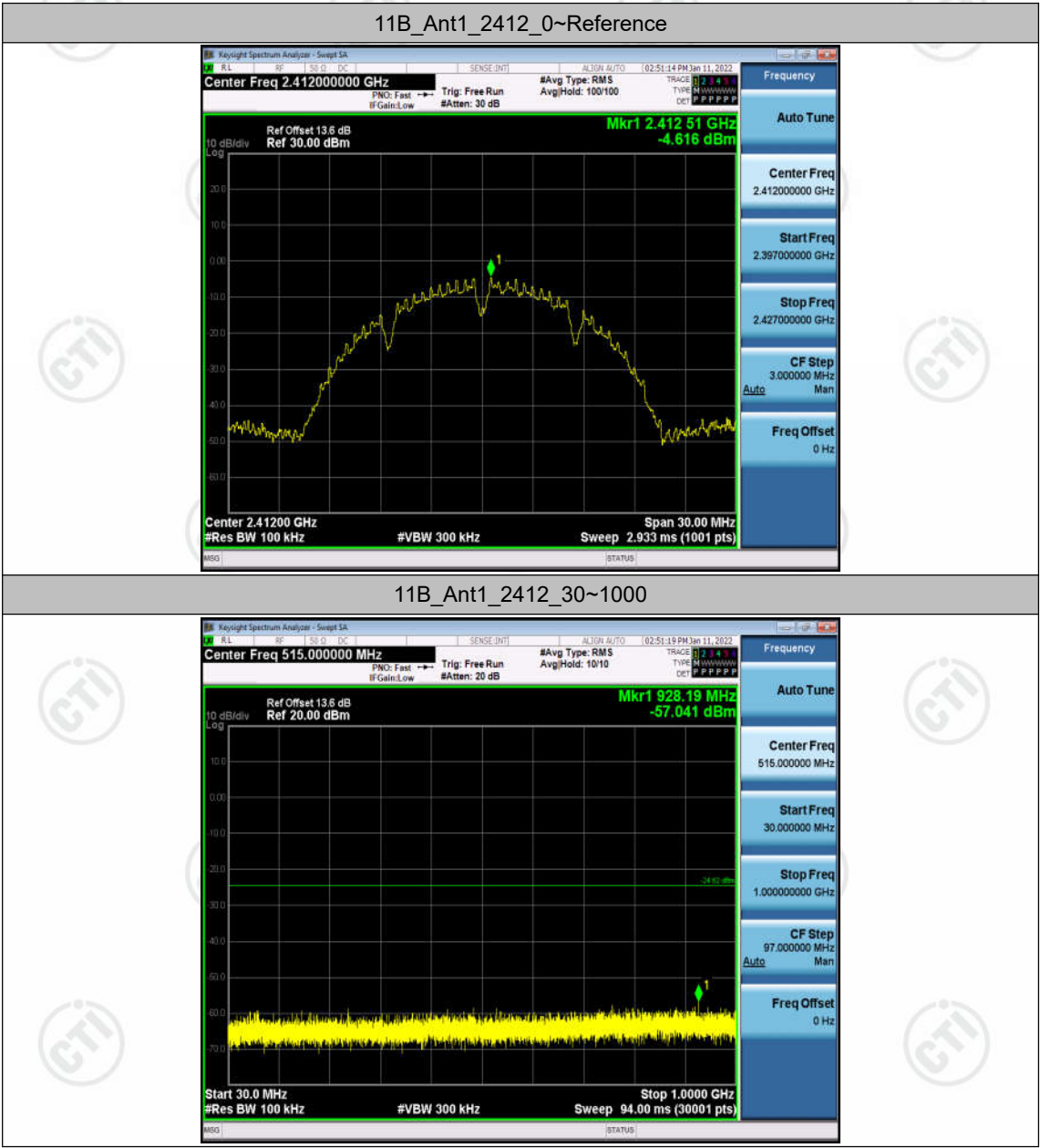


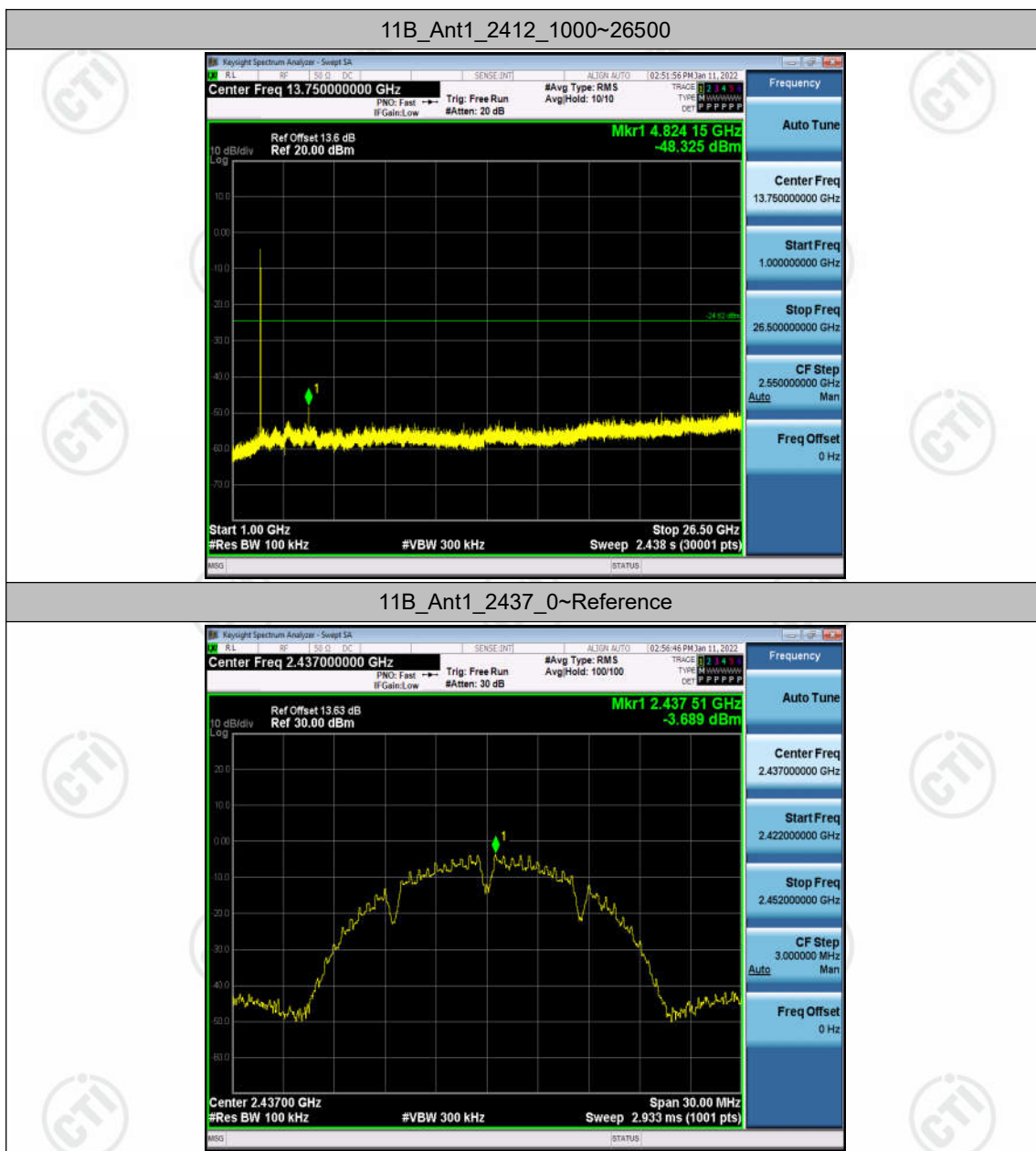
Appendix F:Conducted Spurious Emission

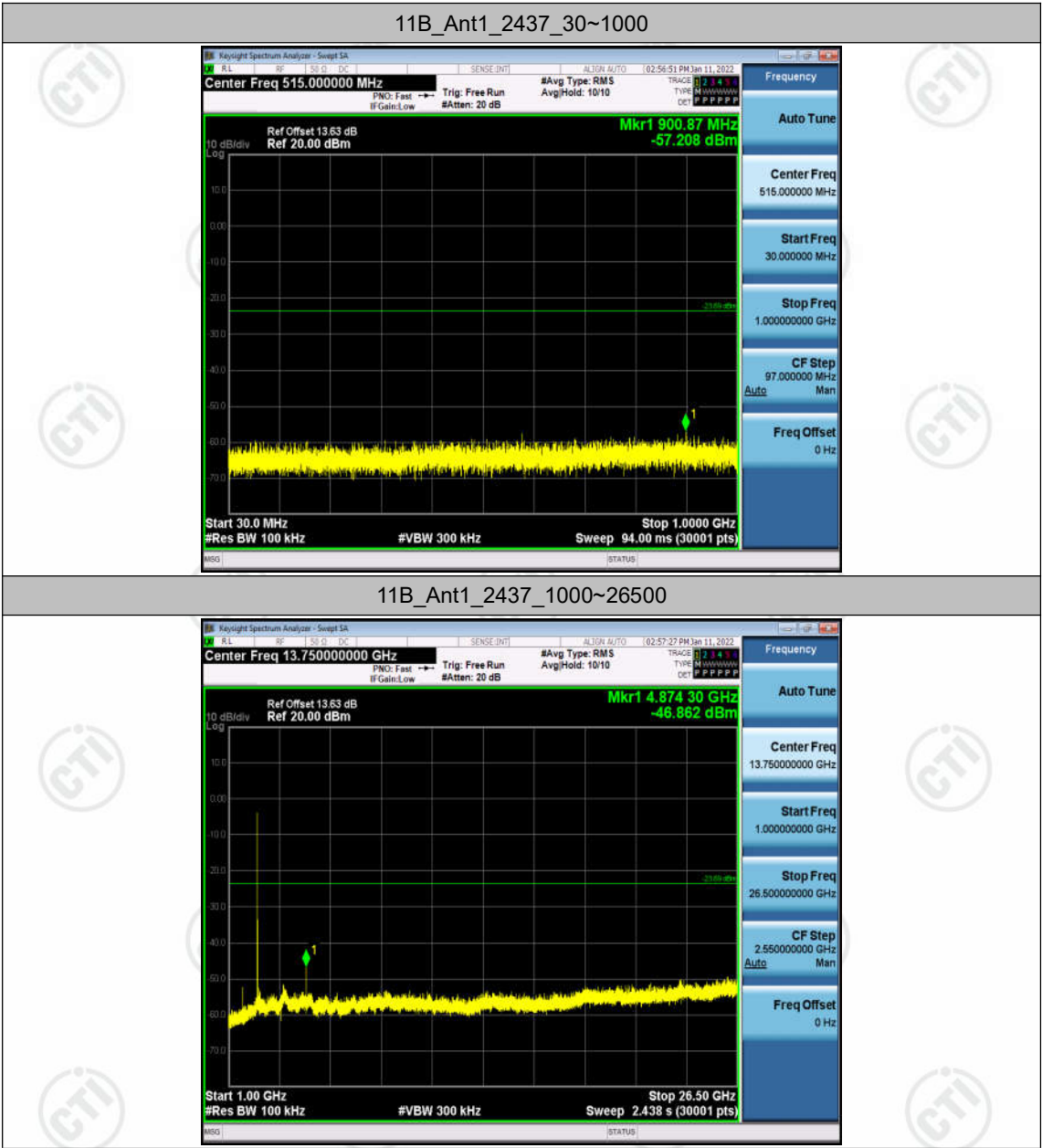
Test Result

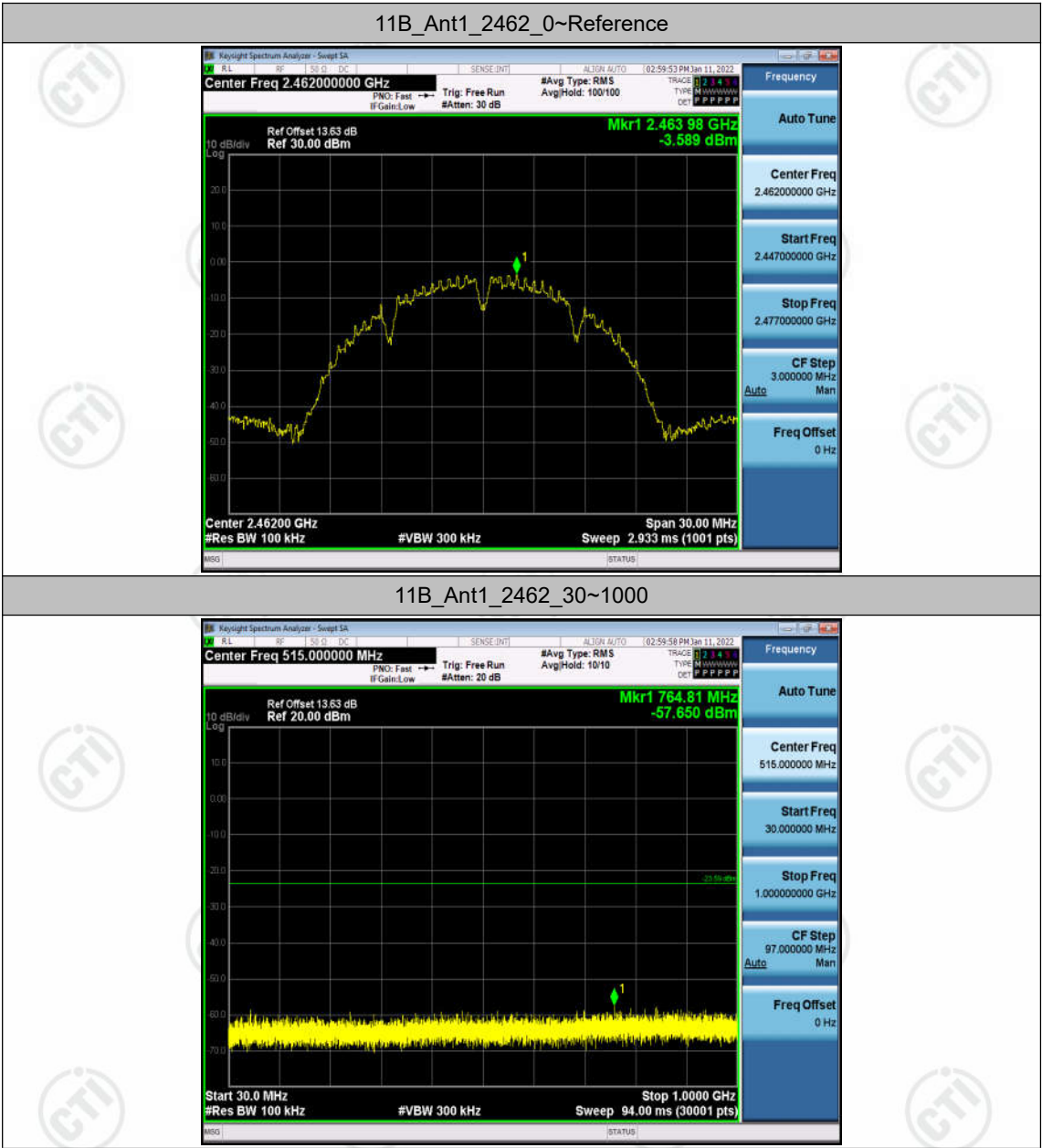
Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-4.62	-4.62	---	PASS
			30~1000	---	-57.041	<=-24.616	PASS
			1000~26500	---	-48.325	<=-24.616	PASS
		2437	Reference	-3.69	-3.69	---	PASS
			30~1000	---	-57.208	<=-23.689	PASS
			1000~26500	---	-46.862	<=-23.689	PASS
		2462	Reference	-3.59	-3.59	---	PASS
			30~1000	---	-57.65	<=-23.589	PASS
			1000~26500	---	-45.46	<=-23.589	PASS
11G	Ant1	2412	Reference	-3.03	-3.03	---	PASS
			30~1000	---	-57.948	<=-23.034	PASS
			1000~26500	---	-48.215	<=-23.034	PASS
		2437	Reference	0.07	0.07	---	PASS
			30~1000	---	-57.982	<=-19.929	PASS
			1000~26500	---	-48.664	<=-19.929	PASS
		2462	Reference	1.10	1.10	---	PASS
			30~1000	---	-56.828	<=-18.903	PASS
			1000~26500	---	-47.757	<=-18.903	PASS

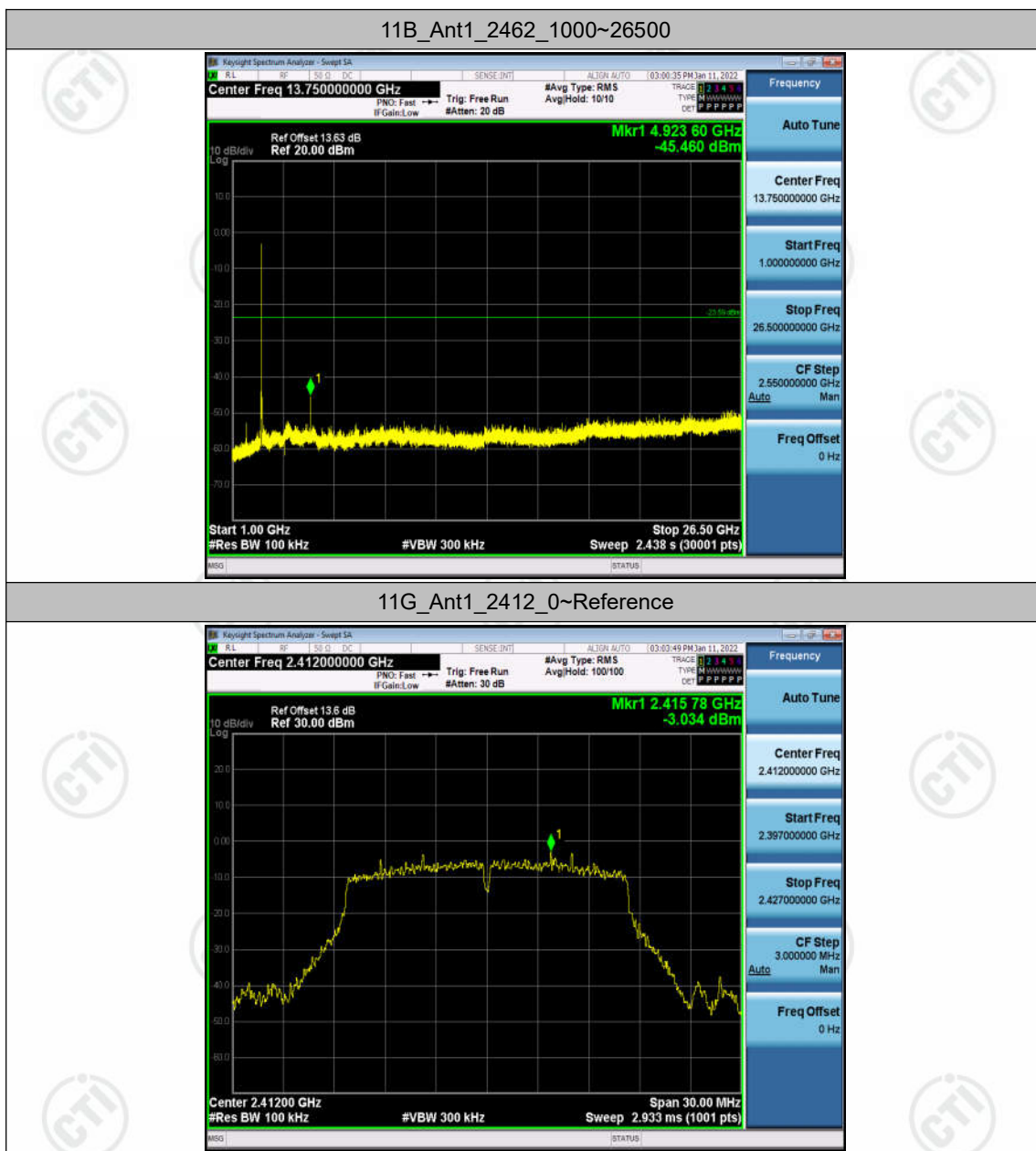
Test Graphs

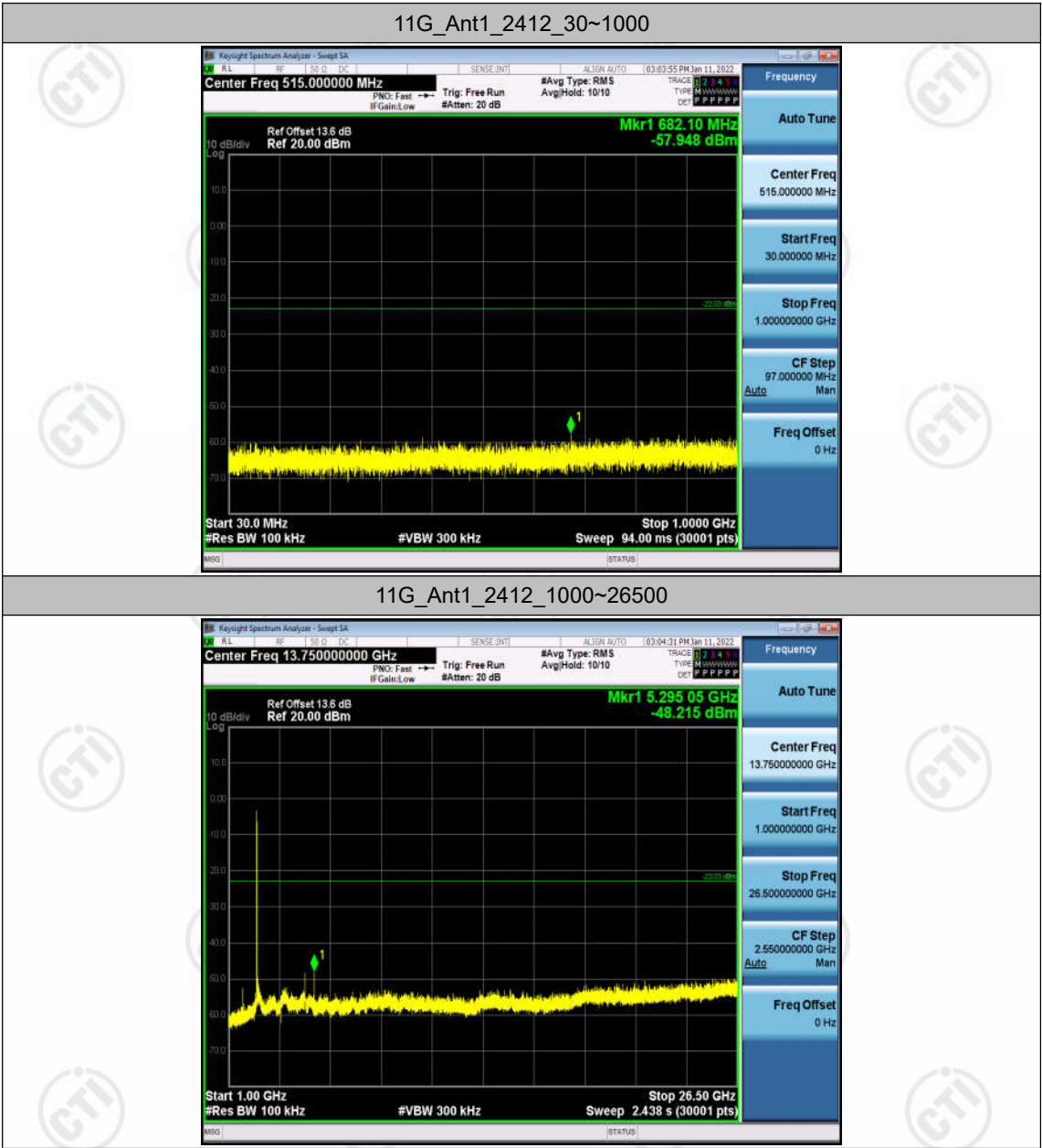


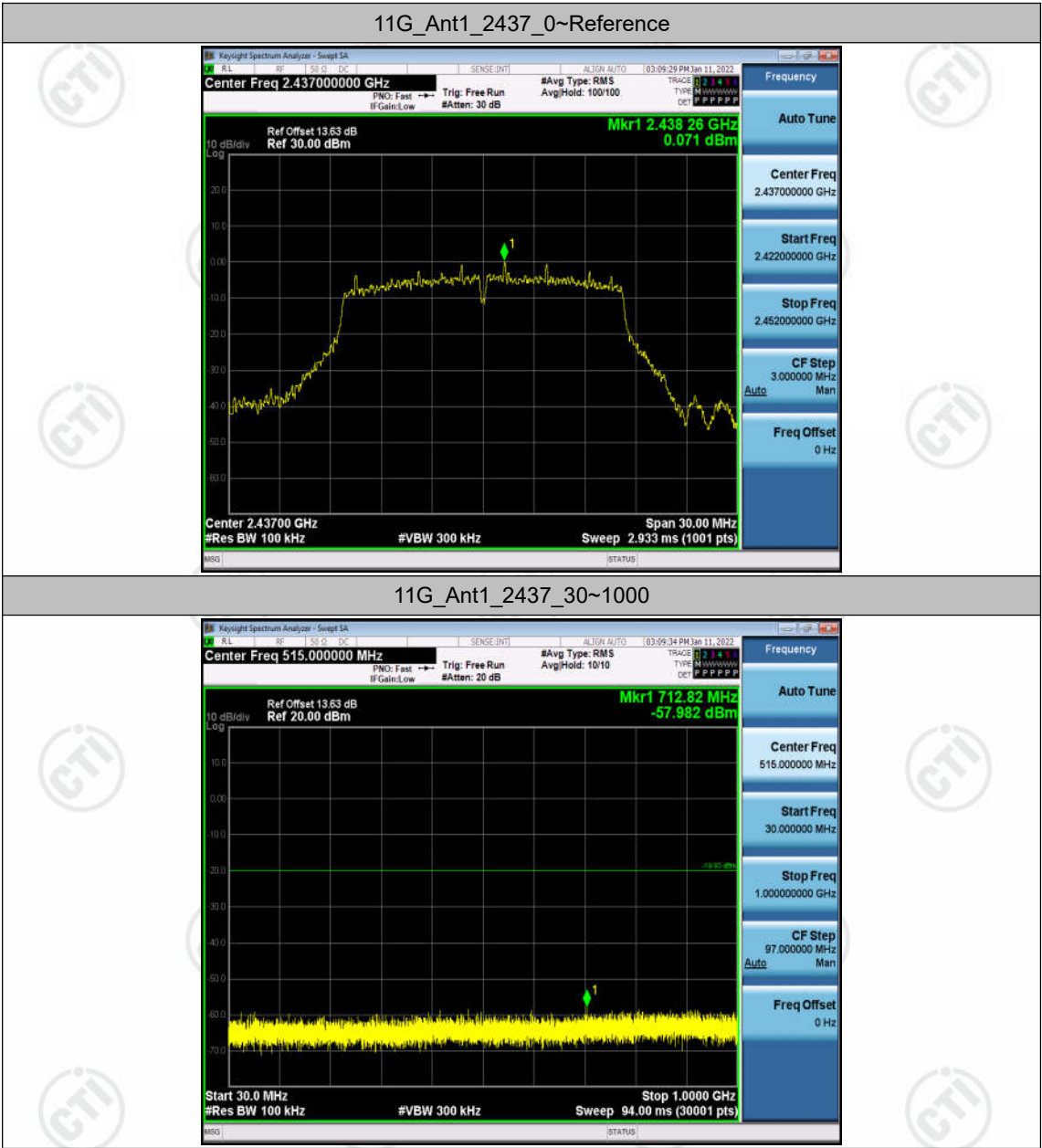


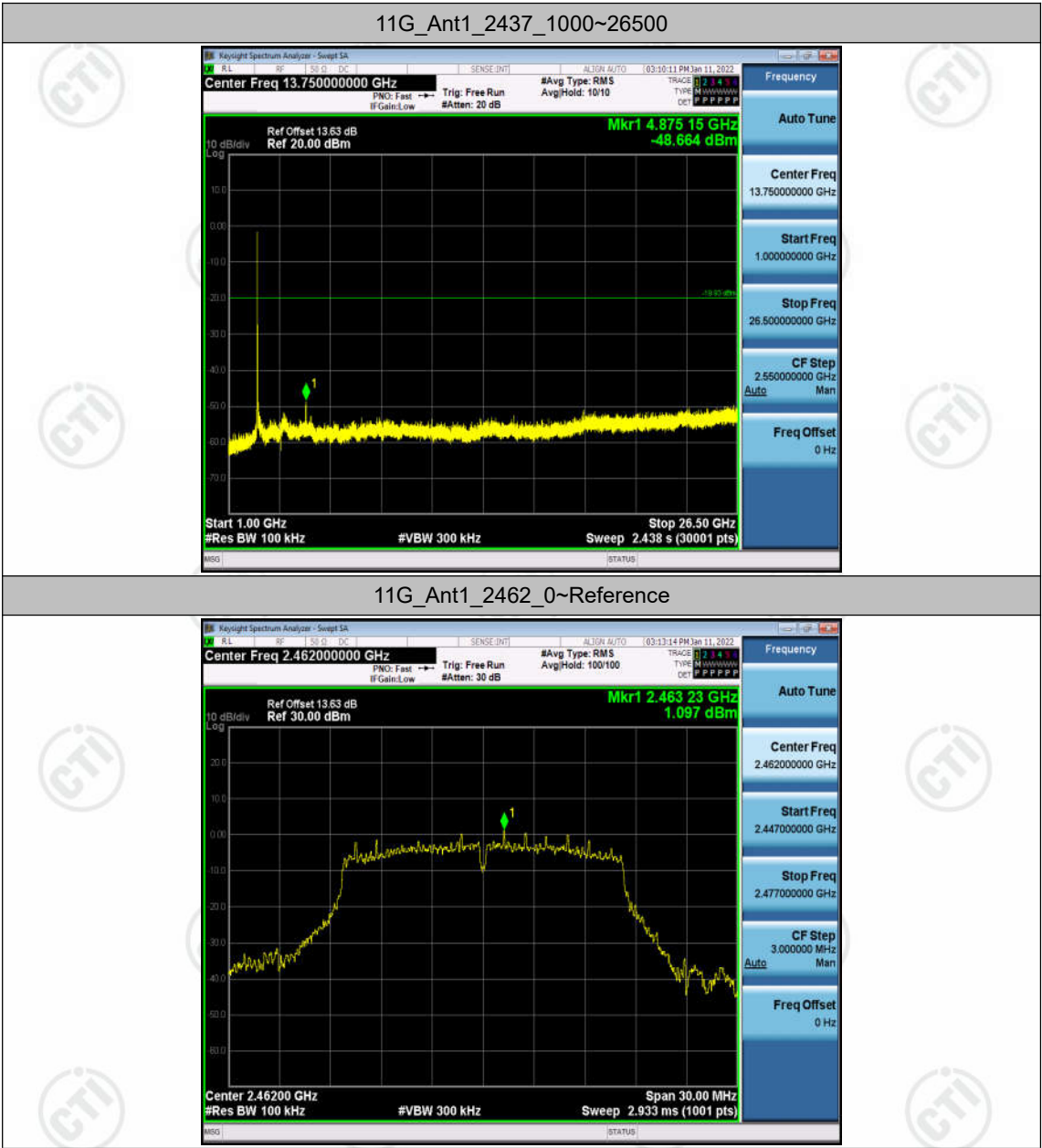


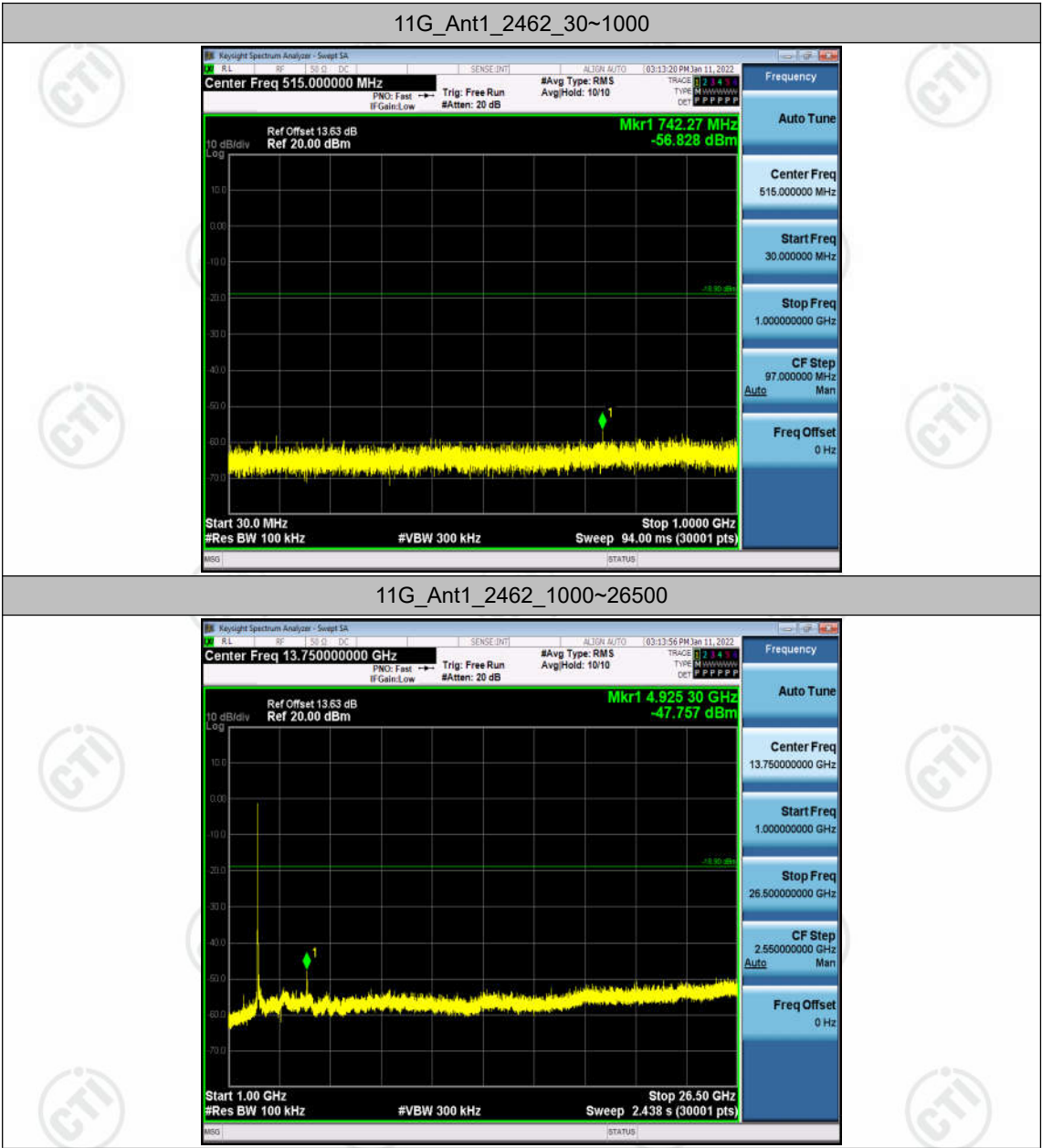










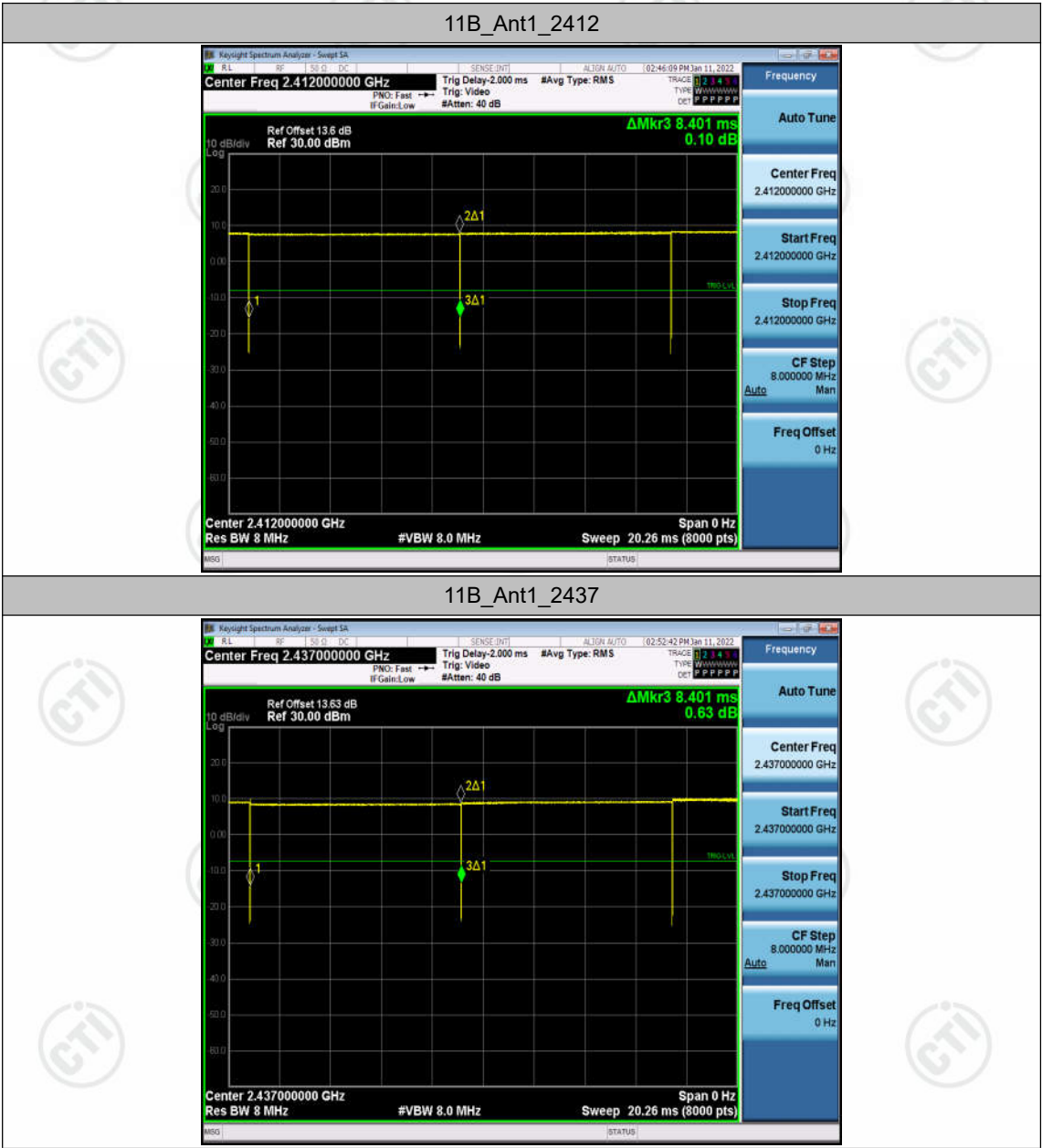


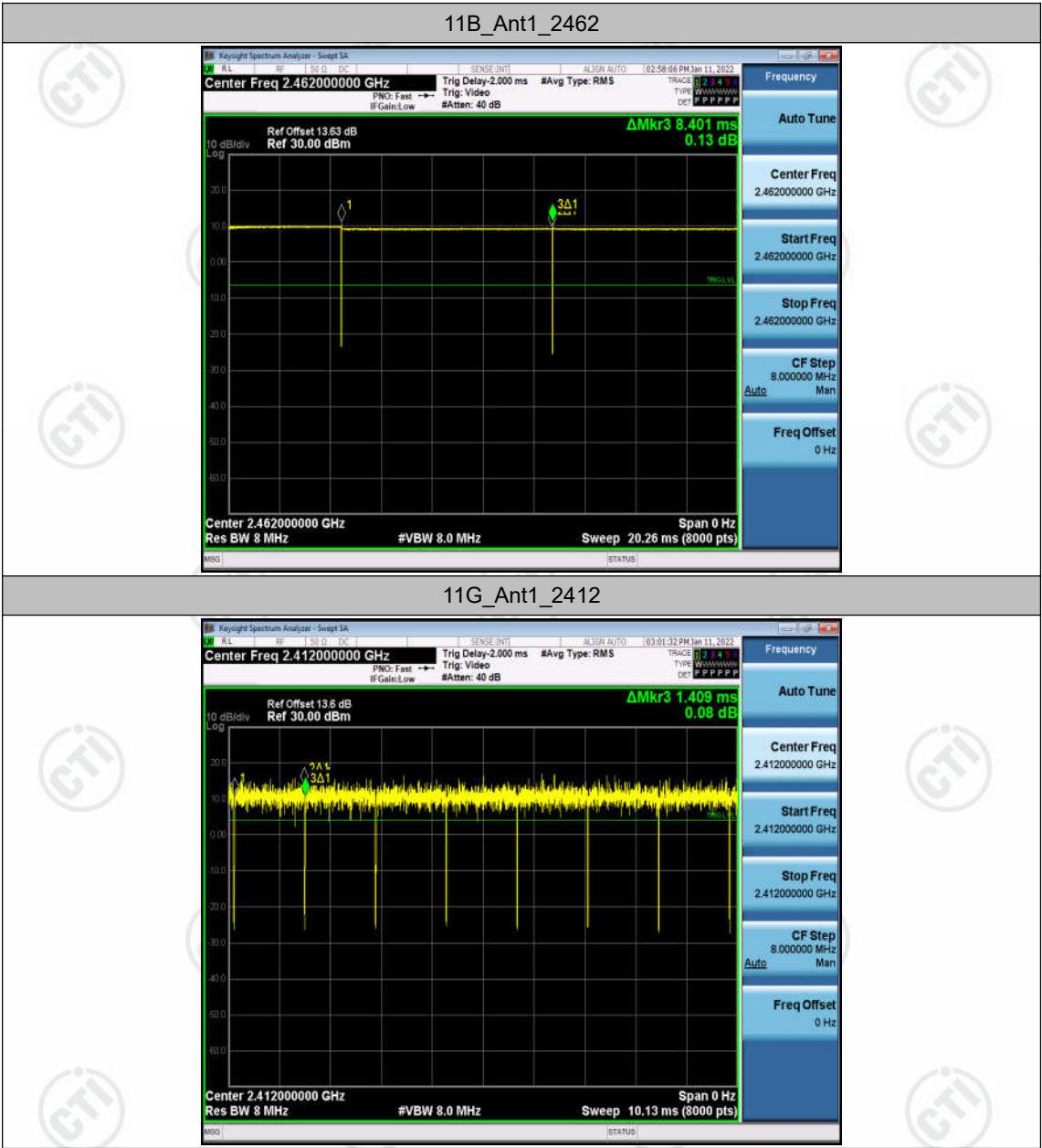
Appendix G: Duty Cycle

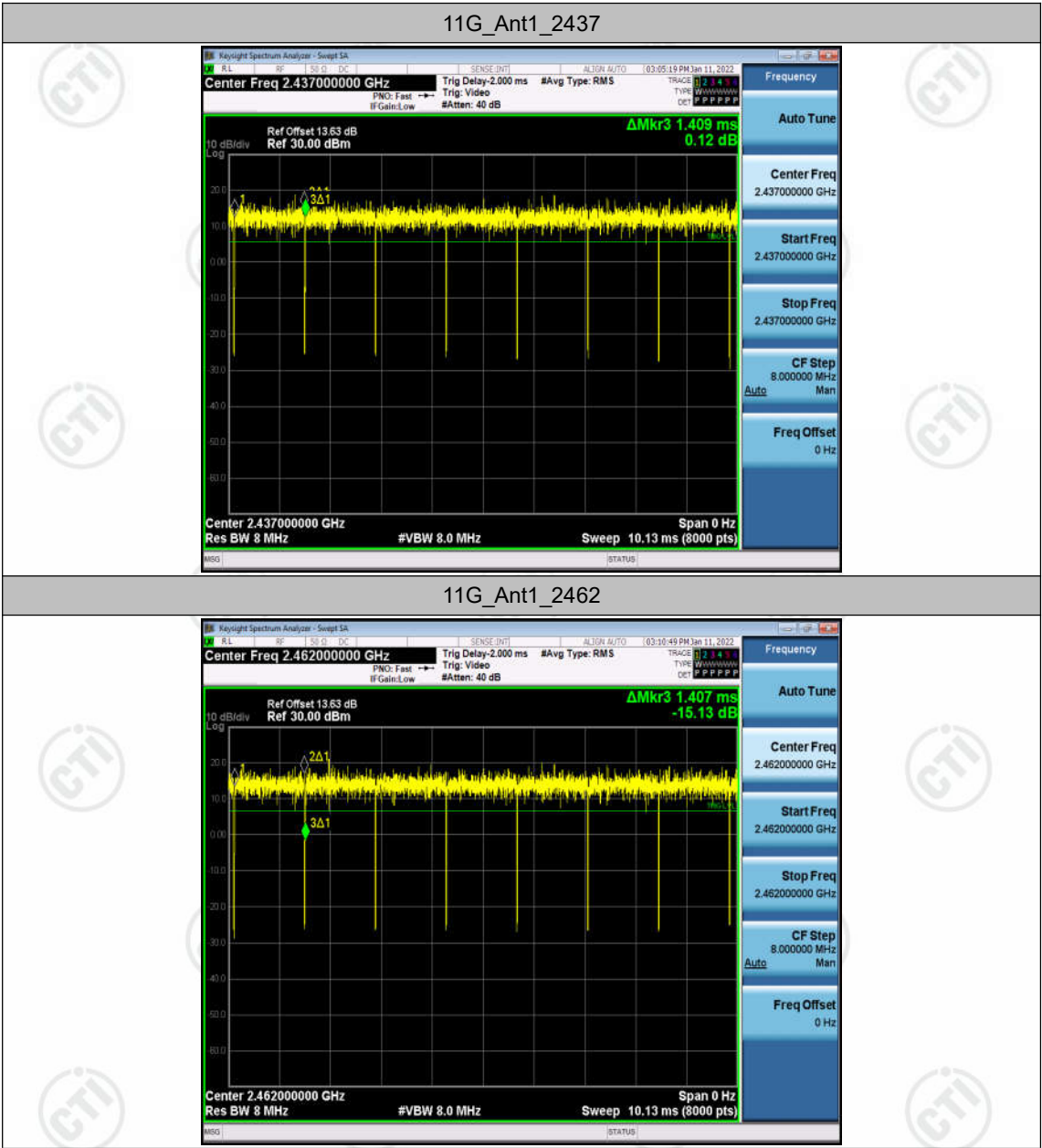
Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.40	99.79	---	PASS
		2437	8.38	8.40	99.76	---	PASS
		2462	8.38	8.40	99.76	---	PASS
11G	Ant1	2412	1.39	1.41	98.65	---	PASS
		2437	1.39	1.41	98.65	---	PASS
		2462	1.39	1.41	98.74	---	PASS

Test Graphs







*** End of Report ***