

Appendix: 2.4G

Contents

Appendix A: DTS Bandwidth..... 3

 Test Result.....3

 Test Graphs.....4

Appendix B: Occupied Channel Bandwidth..... 6

 Test Result.....6

 Test Graphs.....7

Appendix C: Maximum conducted output power..... 9

 Test Result.....9

 Test Graphs.....10

Appendix D: Maximum power spectral density..... 12

 Test Result.....12

 Test Graphs.....13

Appendix E: Band edge measurements..... 15

 Test Result.....15

 Test Graphs.....16

Appendix F: Conducted Spurious Emission..... 17

 Test Result.....17

 Test Graphs.....18

Appendix G: Duty Cycle..... 23

 Test Result.....23

 Test Graphs.....24

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.680	2401.666	2402.346	0.5	PASS
		2440	0.684	2439.654	2440.338	0.5	PASS
		2480	0.660	2479.672	2480.332	0.5	PASS

Test Graphs

2.4G_Ant1_2402



2.4G_Ant1_2440





Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	1.0310	2401.495	2402.526	---	PASS
		2440	1.0305	2439.496	2440.526	---	PASS
		2480	1.0182	2479.503	2480.521	---	PASS

Test Graphs



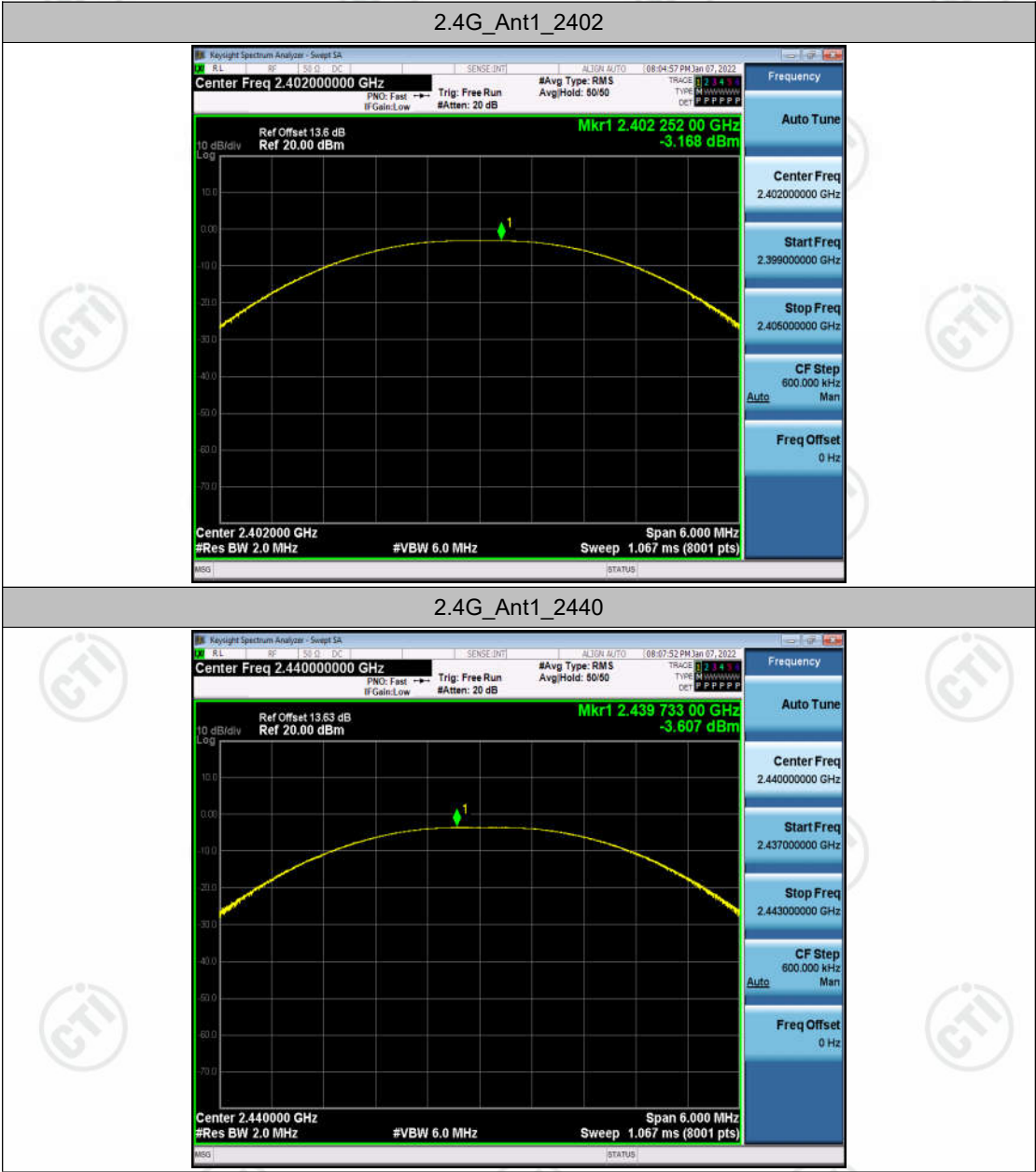


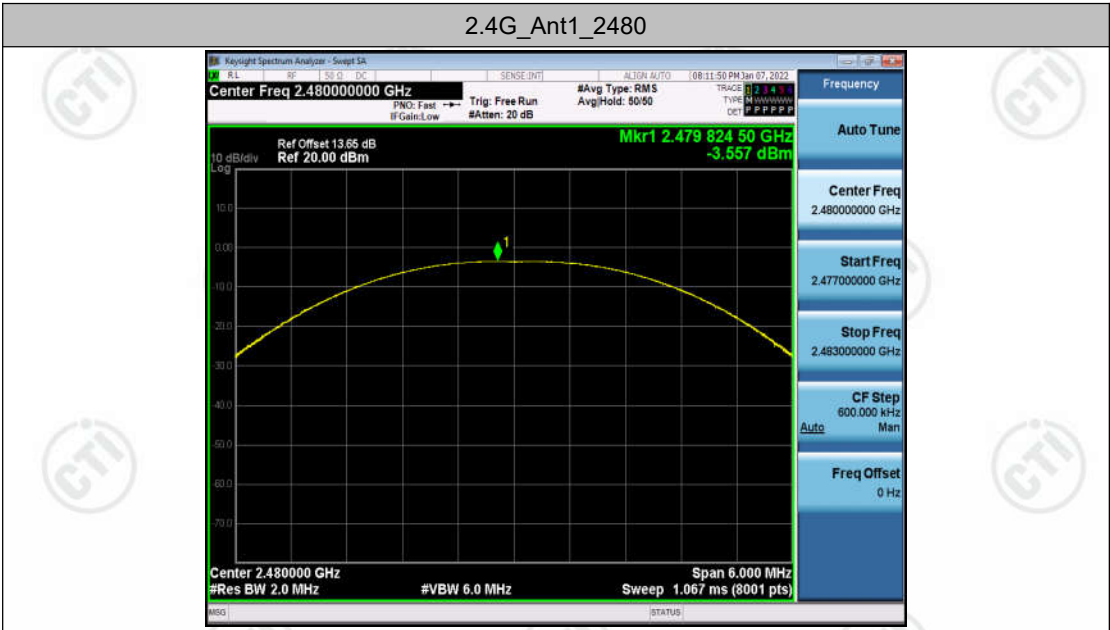
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	2402	-3.17	<=30	PASS
		2440	-3.61	<=30	PASS
		2480	-3.56	<=30	PASS

Test Graphs





Appendix D: Maximum power spectral density

Test Result

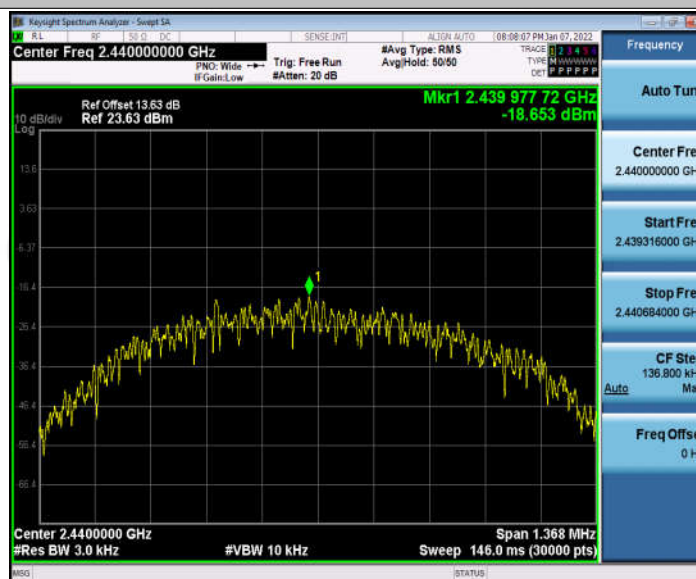
Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2402	-18.19	<=8	PASS
		2440	-18.65	<=8	PASS
		2480	-18.42	<=8	PASS

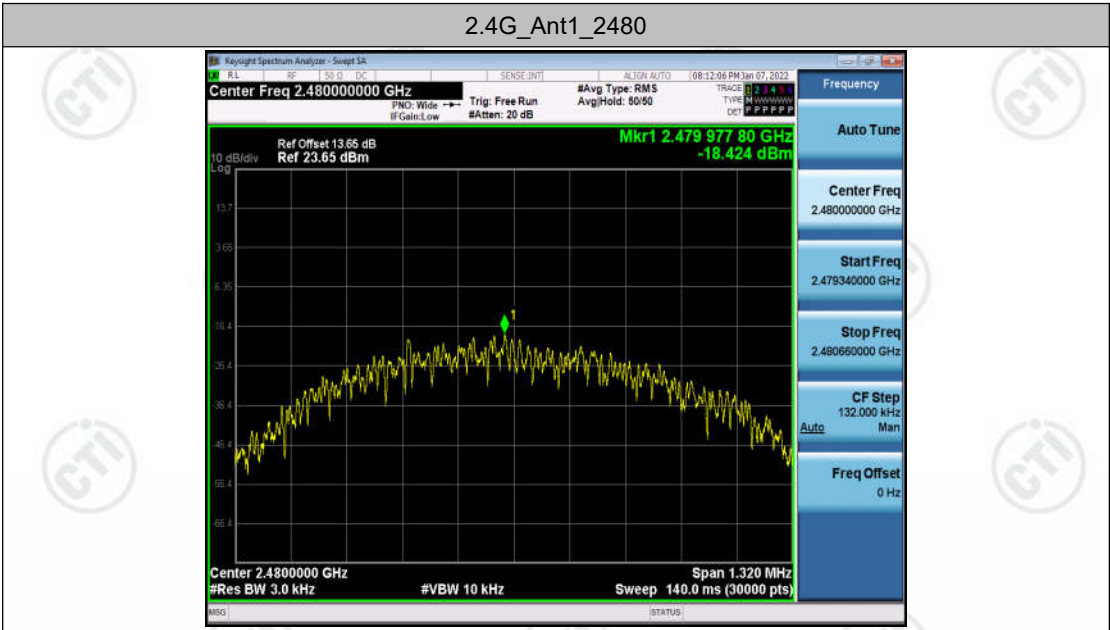
Test Graphs

2.4G_Ant1_2402



2.4G_Ant1_2440



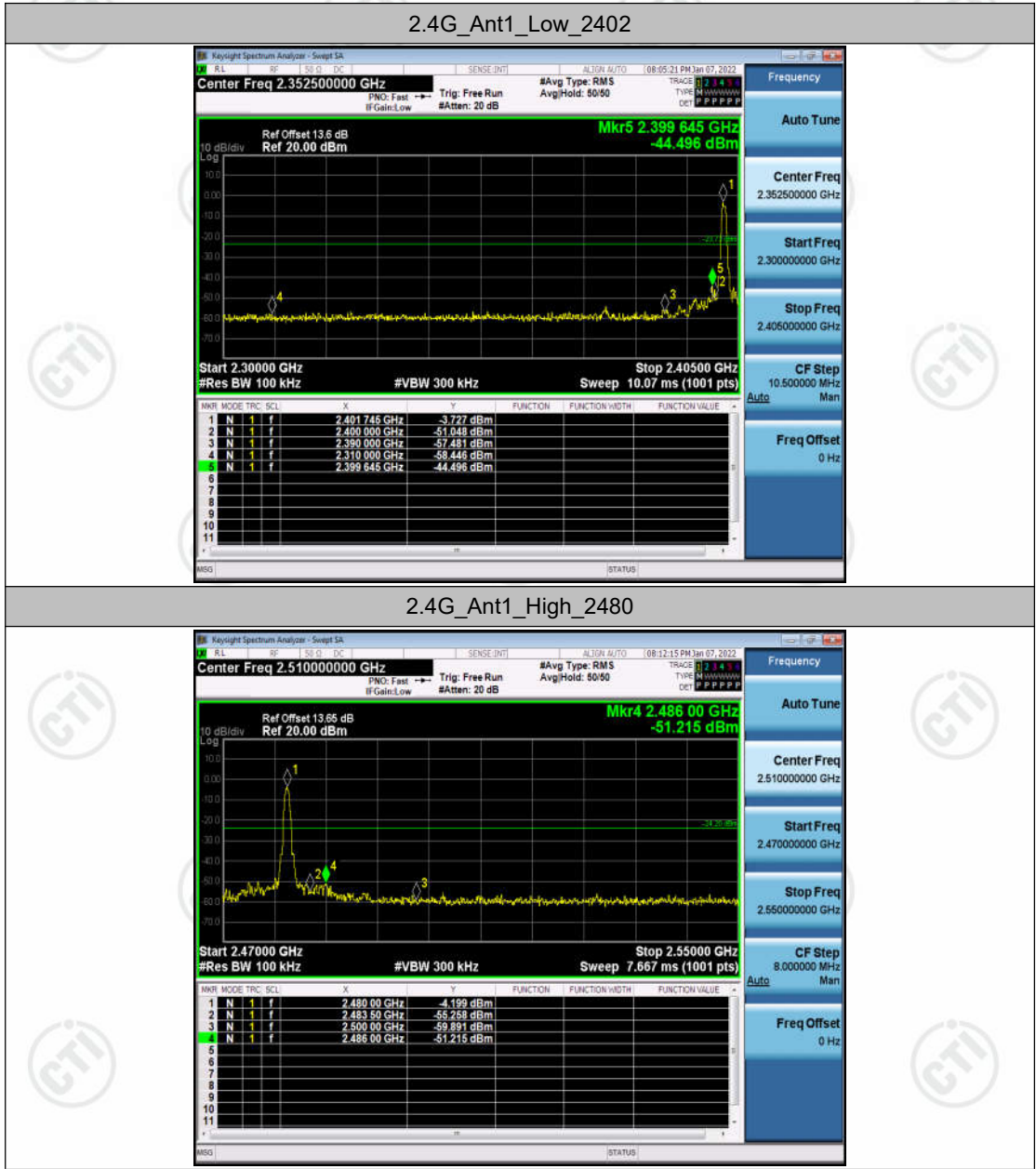


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	Low	2402	-3.73	-44.5	<=-23.73	PASS
		High	2480	-4.20	-51.22	<=-24.2	PASS

Test Graphs

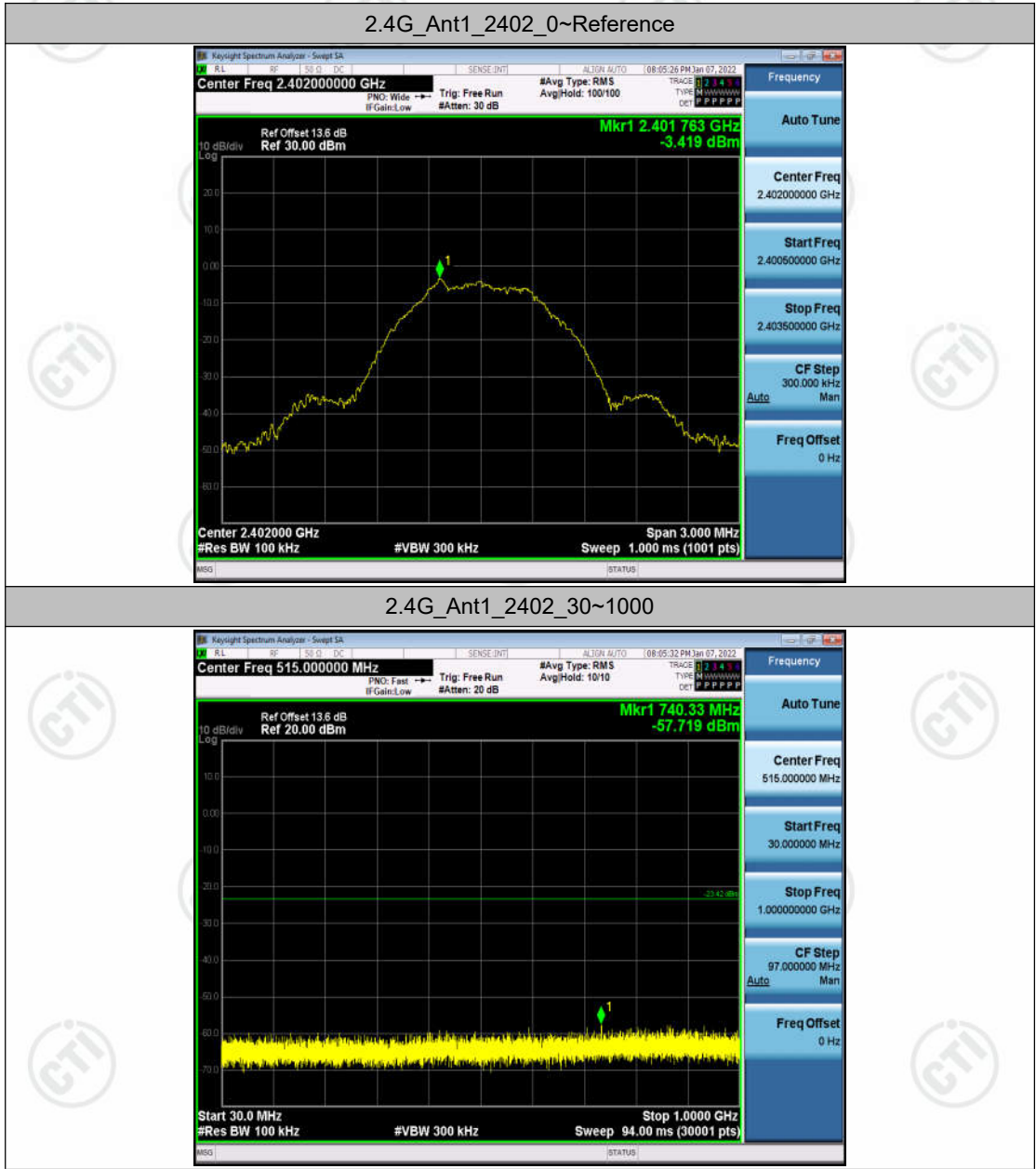


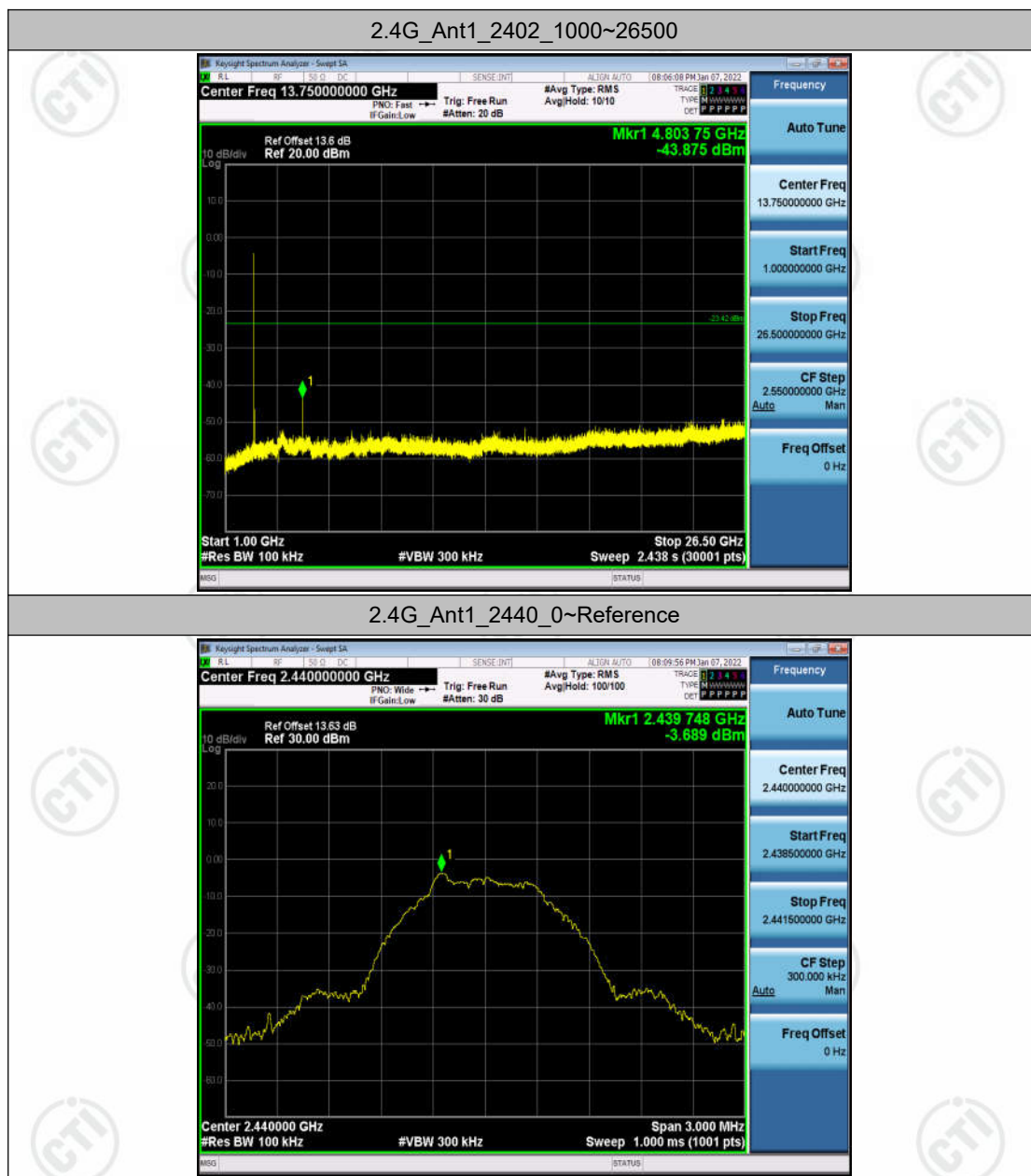
Appendix F: Conducted Spurious Emission

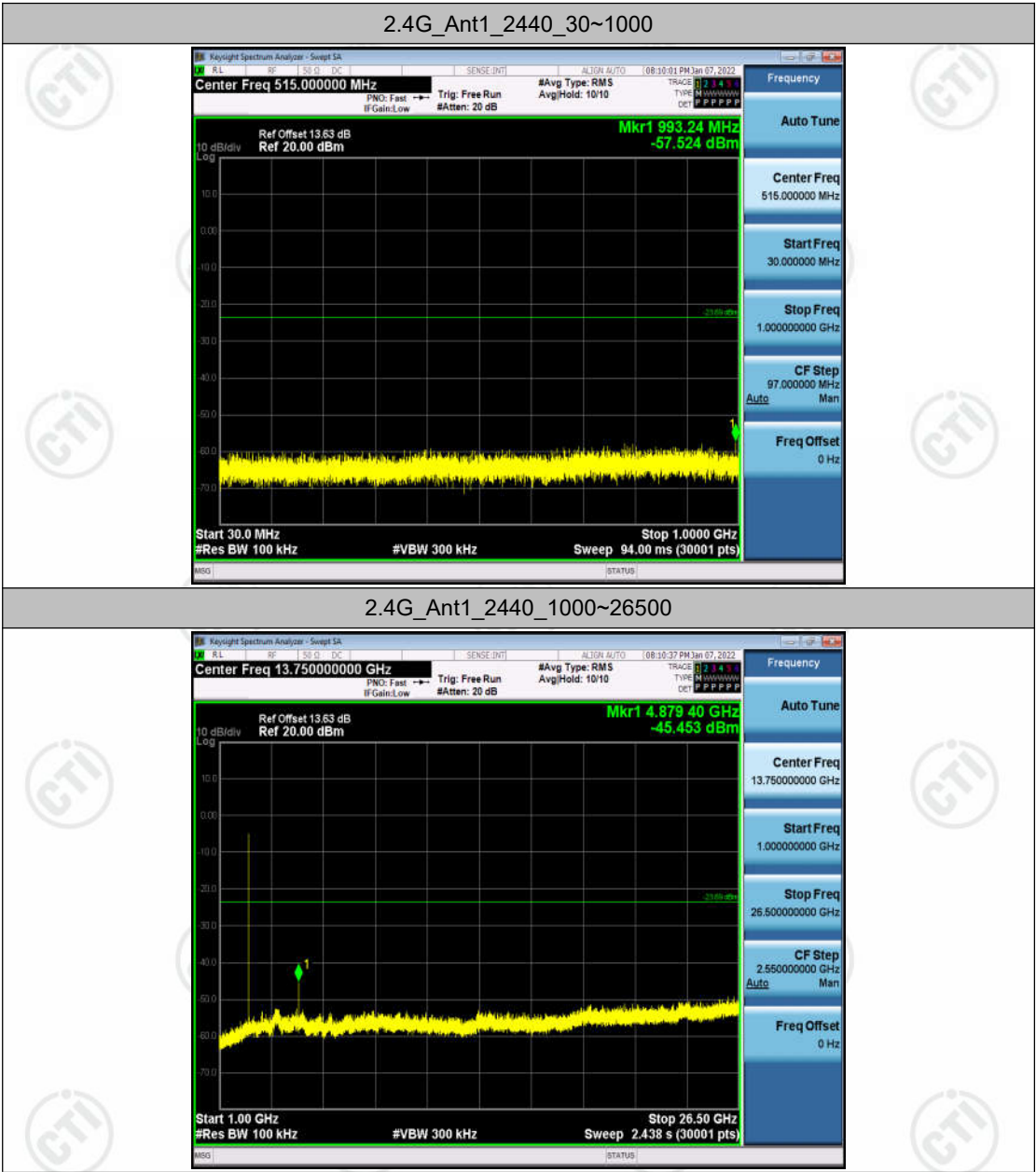
Test Result

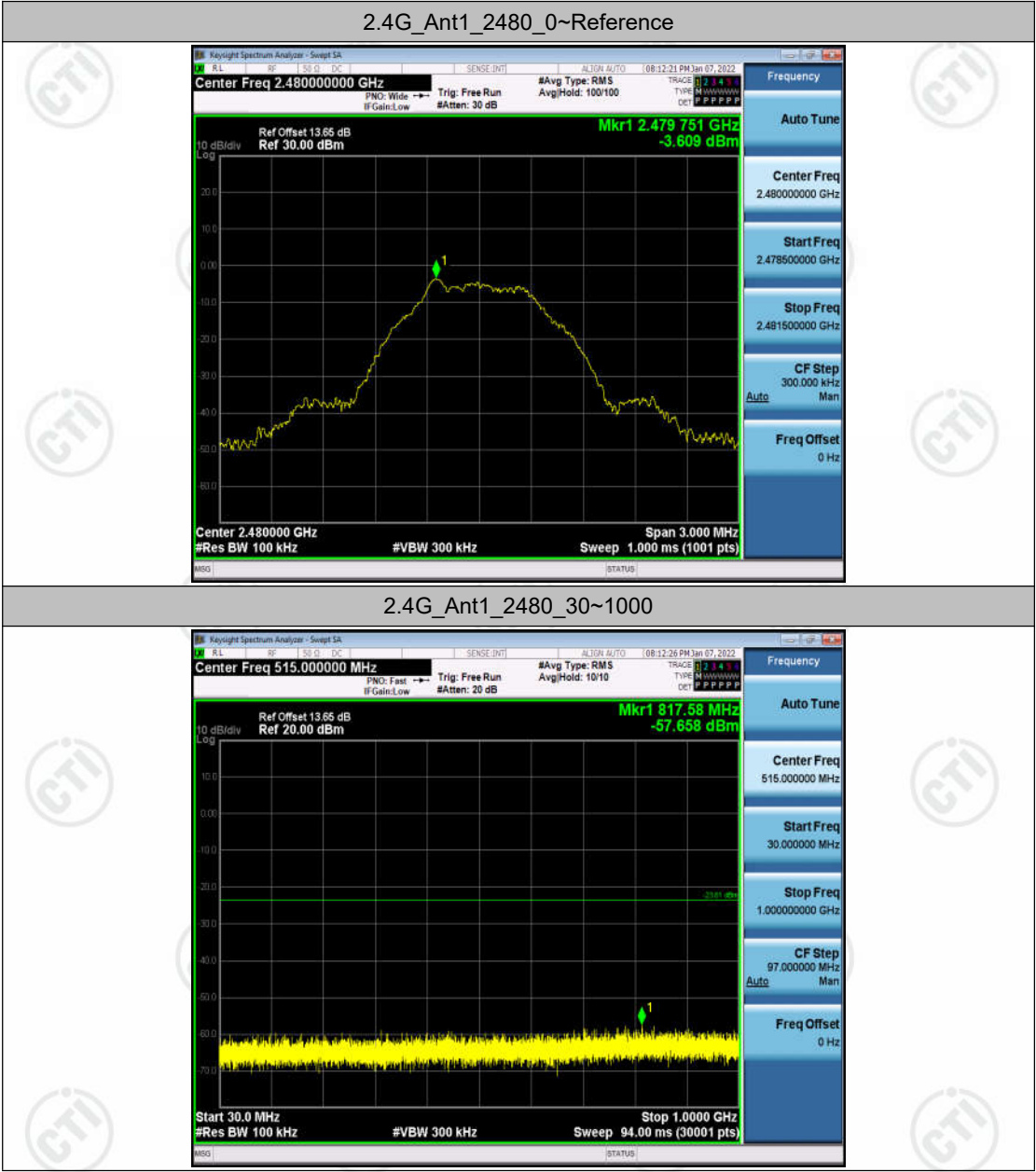
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	2402	Reference	-3.42	-3.42	---	PASS
			30~1000	---	-57.719	<=-23.419	PASS
			1000~26500	---	-43.875	<=-23.419	PASS
		2440	Reference	-3.69	-3.69	---	PASS
			30~1000	---	-57.524	<=-23.689	PASS
			1000~26500	---	-45.453	<=-23.689	PASS
		2480	Reference	-3.61	-3.61	---	PASS
			30~1000	---	-57.658	<=-23.609	PASS
			1000~26500	---	-43.661	<=-23.609	PASS

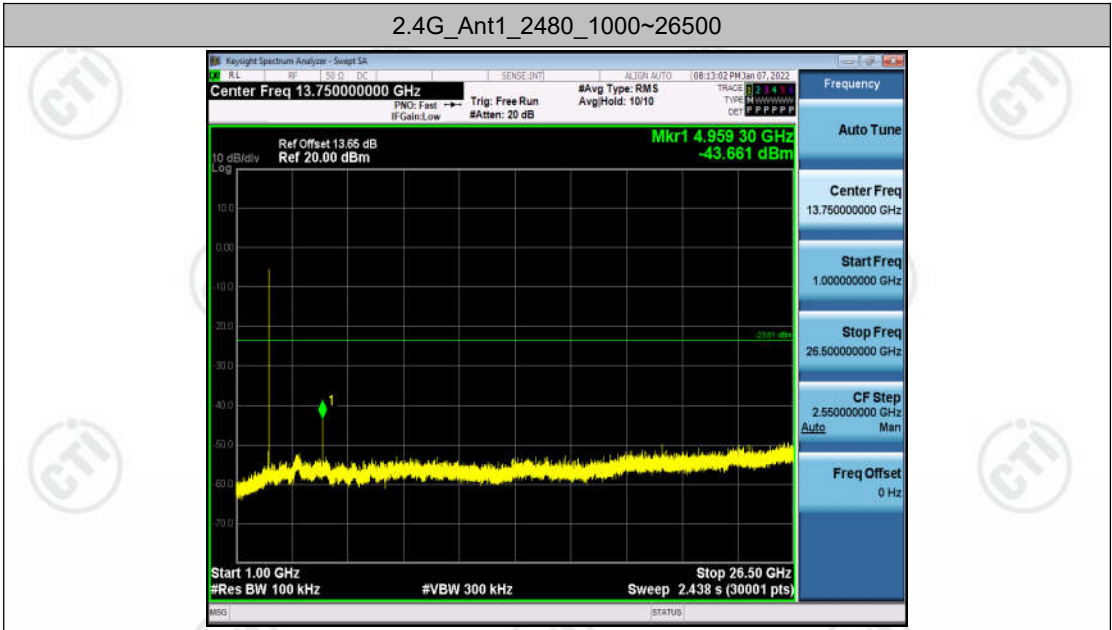
Test Graphs









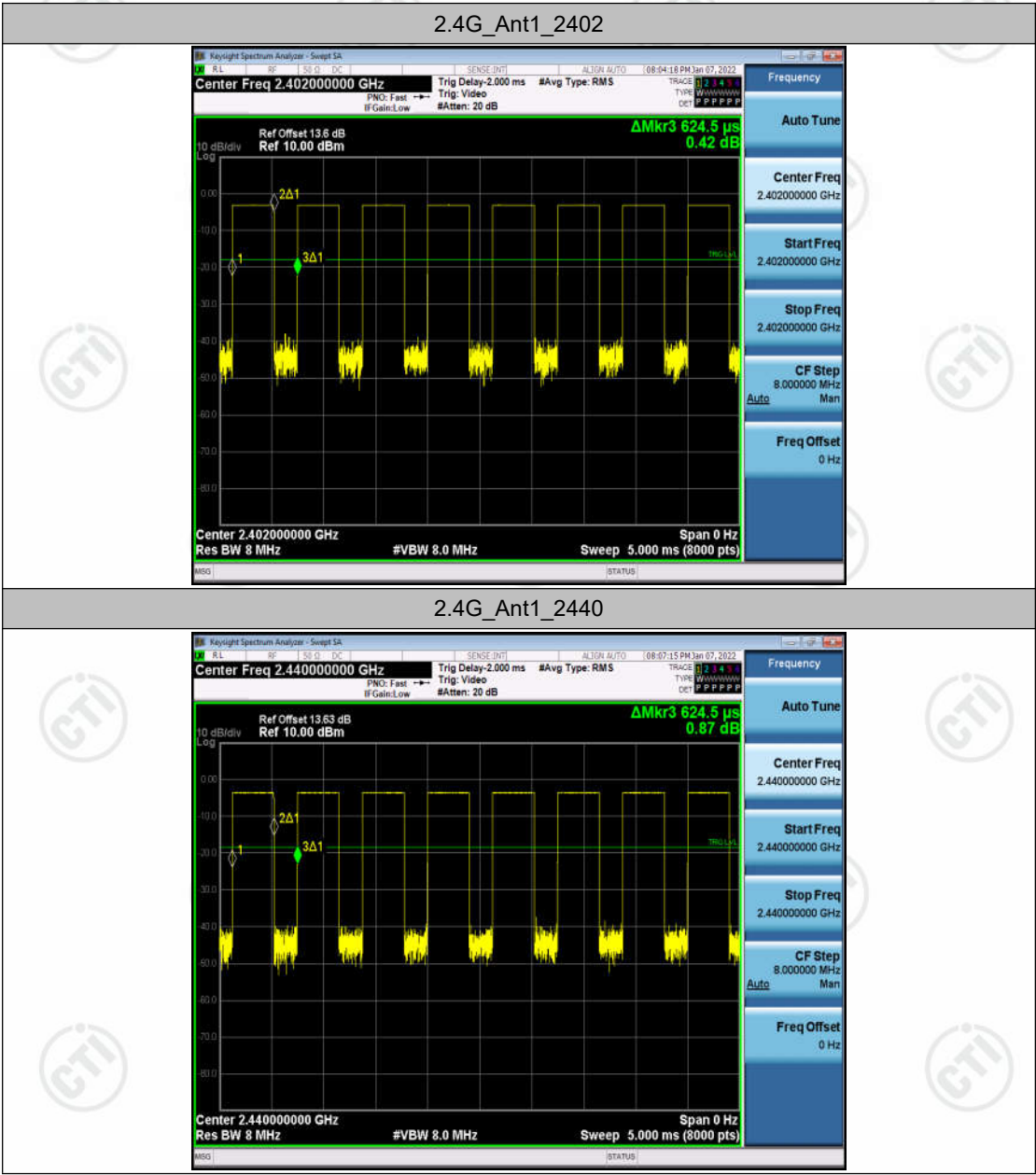


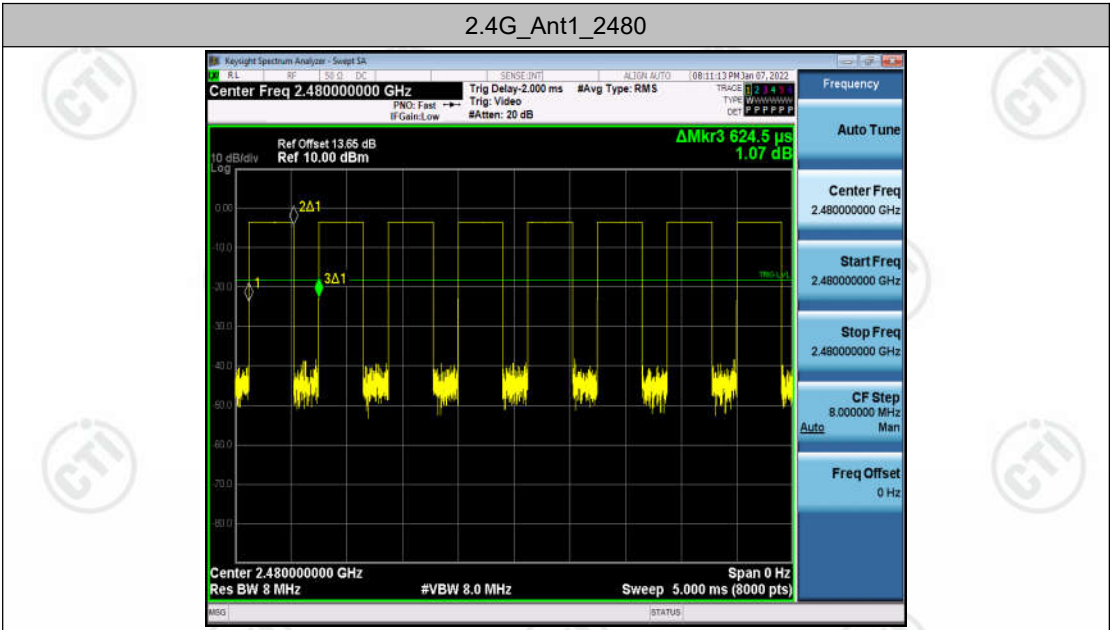
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
2.4G	Ant1	2402	0.40	0.62	63.96	---	PASS
		2440	0.40	0.62	64.06	---	PASS
		2480	0.40	0.62	63.96	---	PASS

Test Graphs





*** End of Report ***