

Appendix: Bluetooth LE

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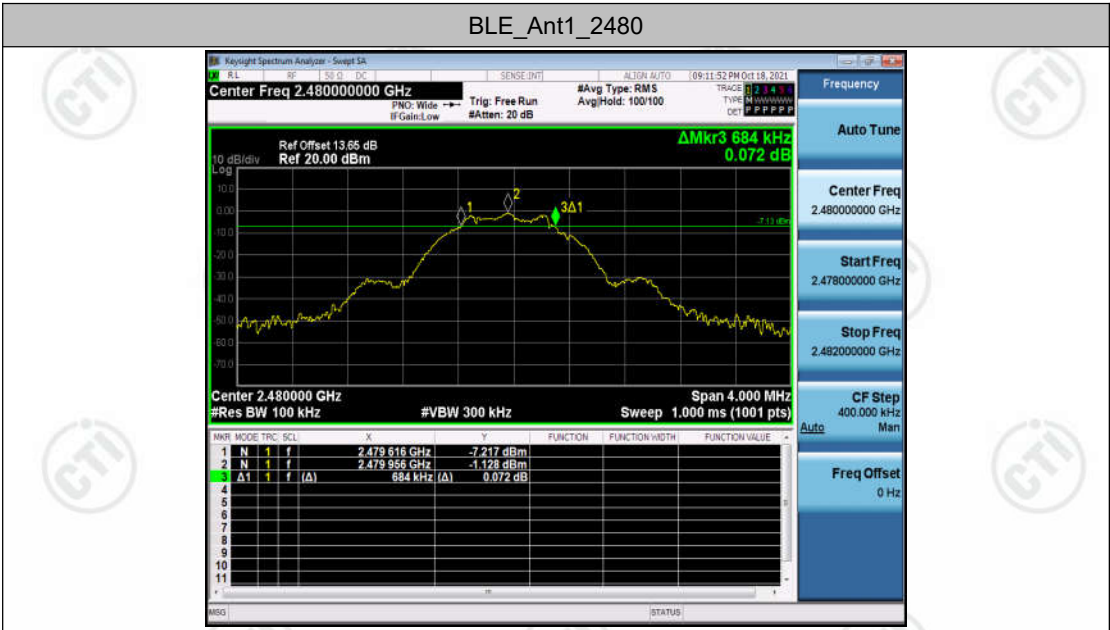
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.708	2401.600	2402.308	0.5	PASS
		2440	0.692	2439.608	2440.300	0.5	PASS
		2480	0.684	2479.616	2480.300	0.5	PASS

Test Graphs



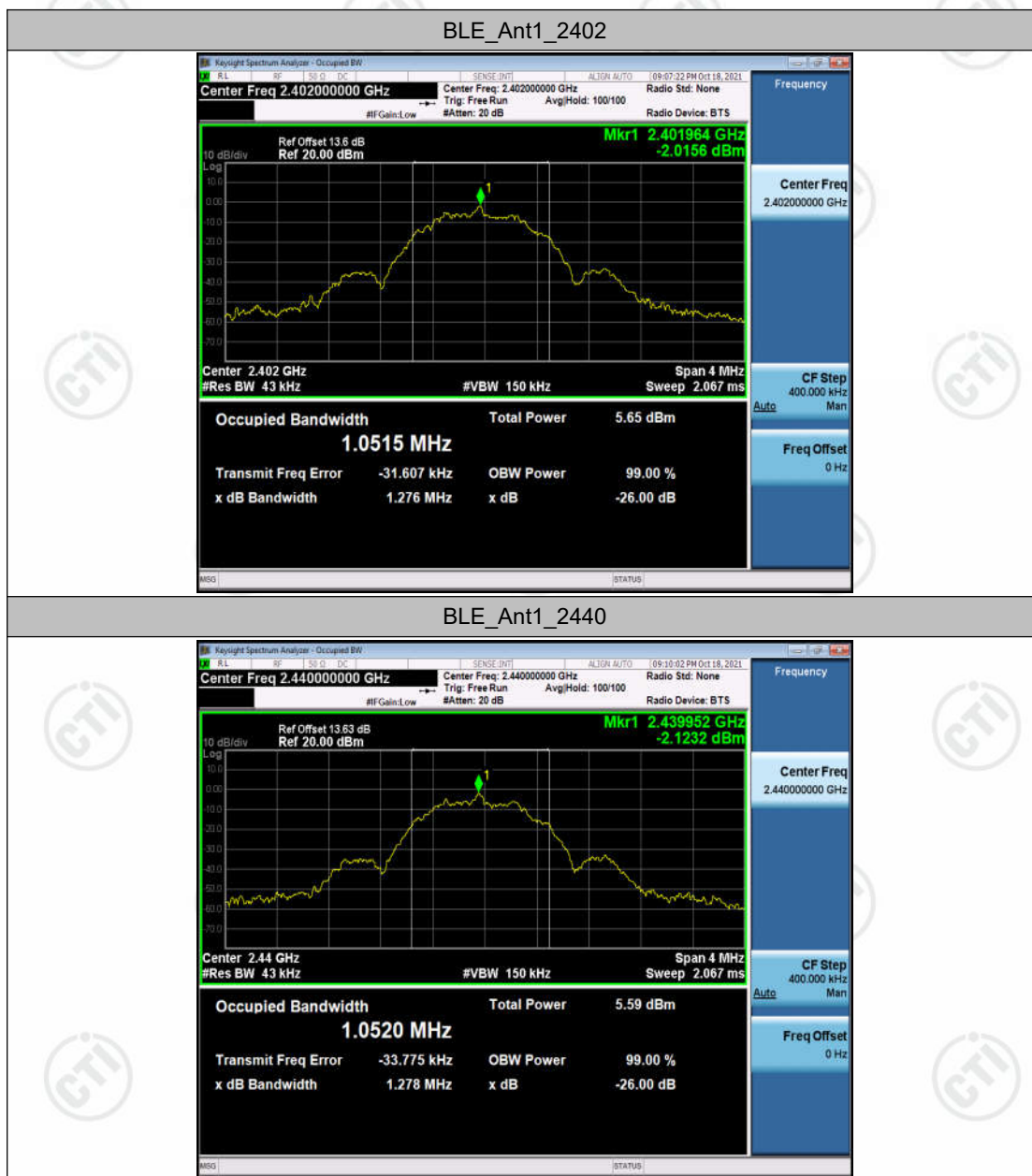


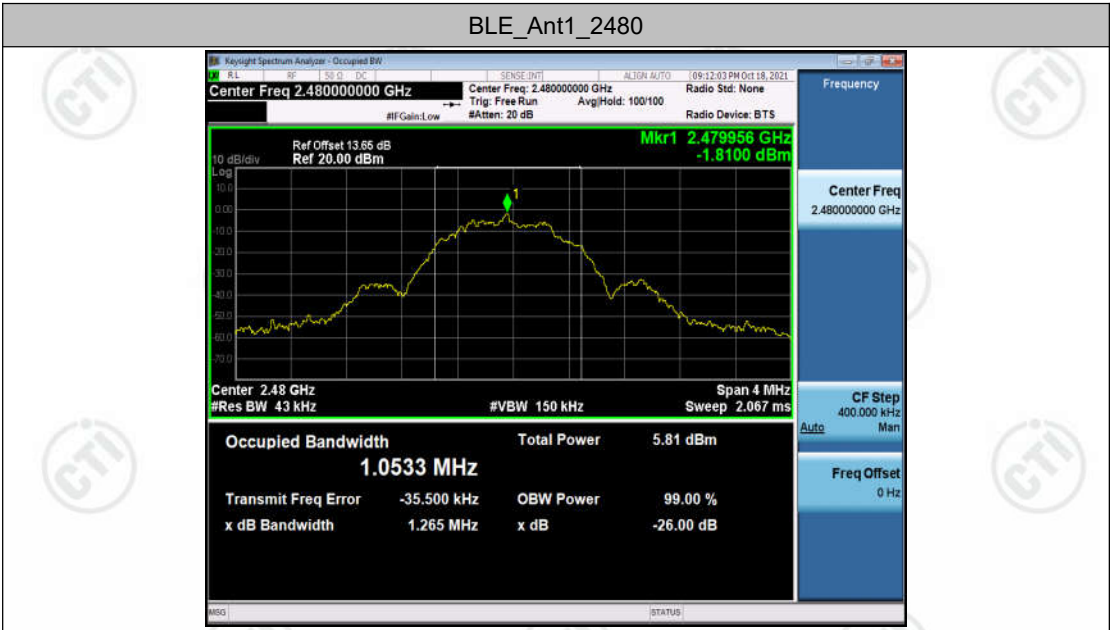
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0515	2401.443	2402.494	---	PASS
		2440	1.0520	2439.440	2440.492	---	PASS
		2480	1.0533	2479.438	2480.491	---	PASS

Test Graphs



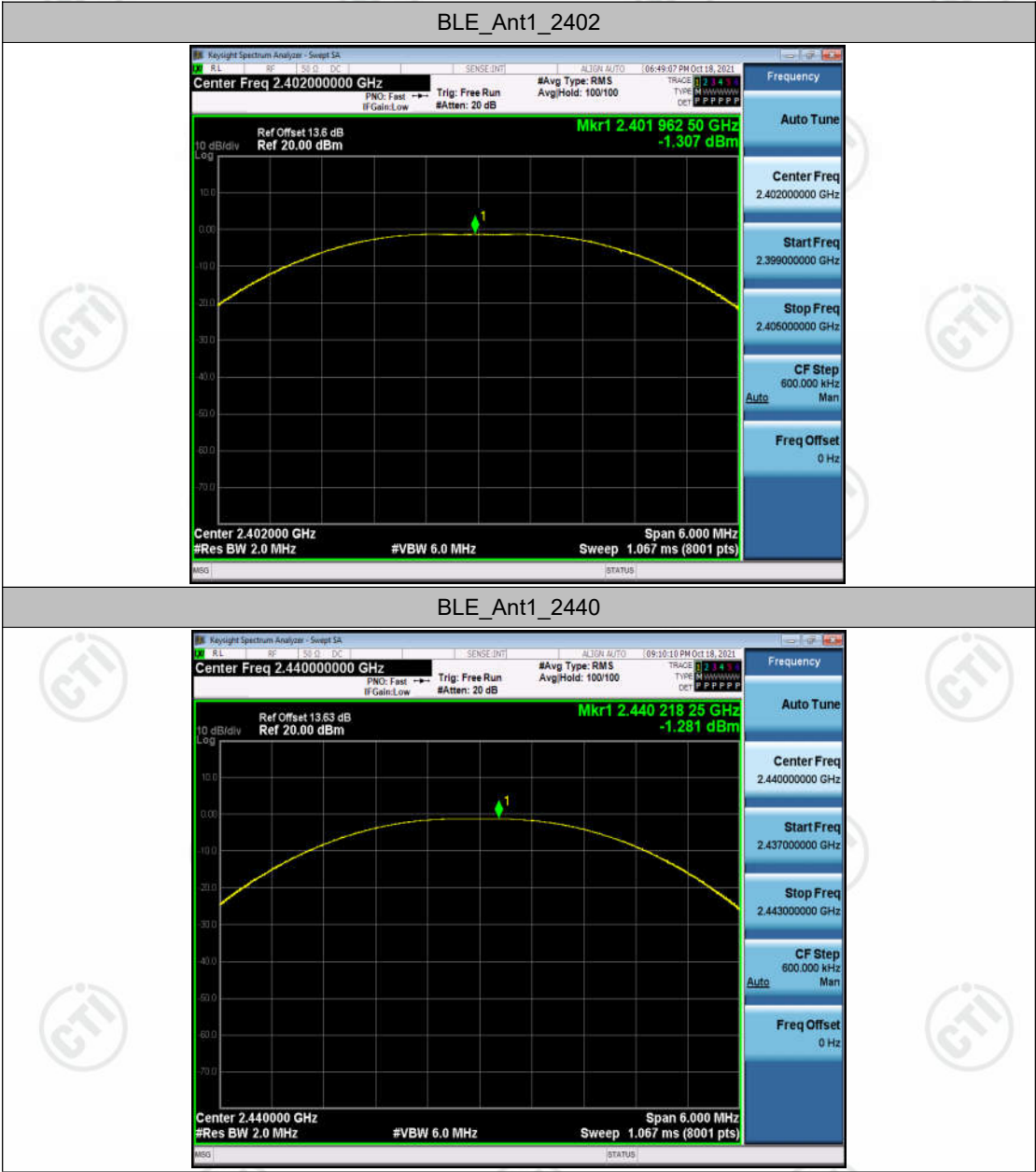


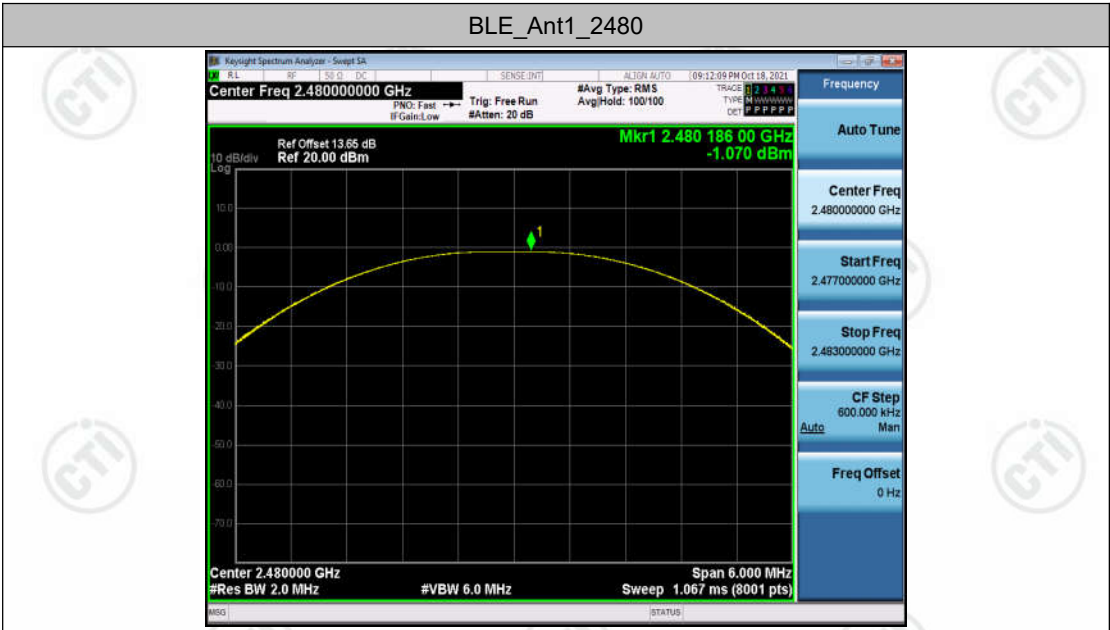
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	-1.31	<=30	PASS
		2440	-1.28	<=30	PASS
		2480	-1.07	<=30	PASS

Test Graphs



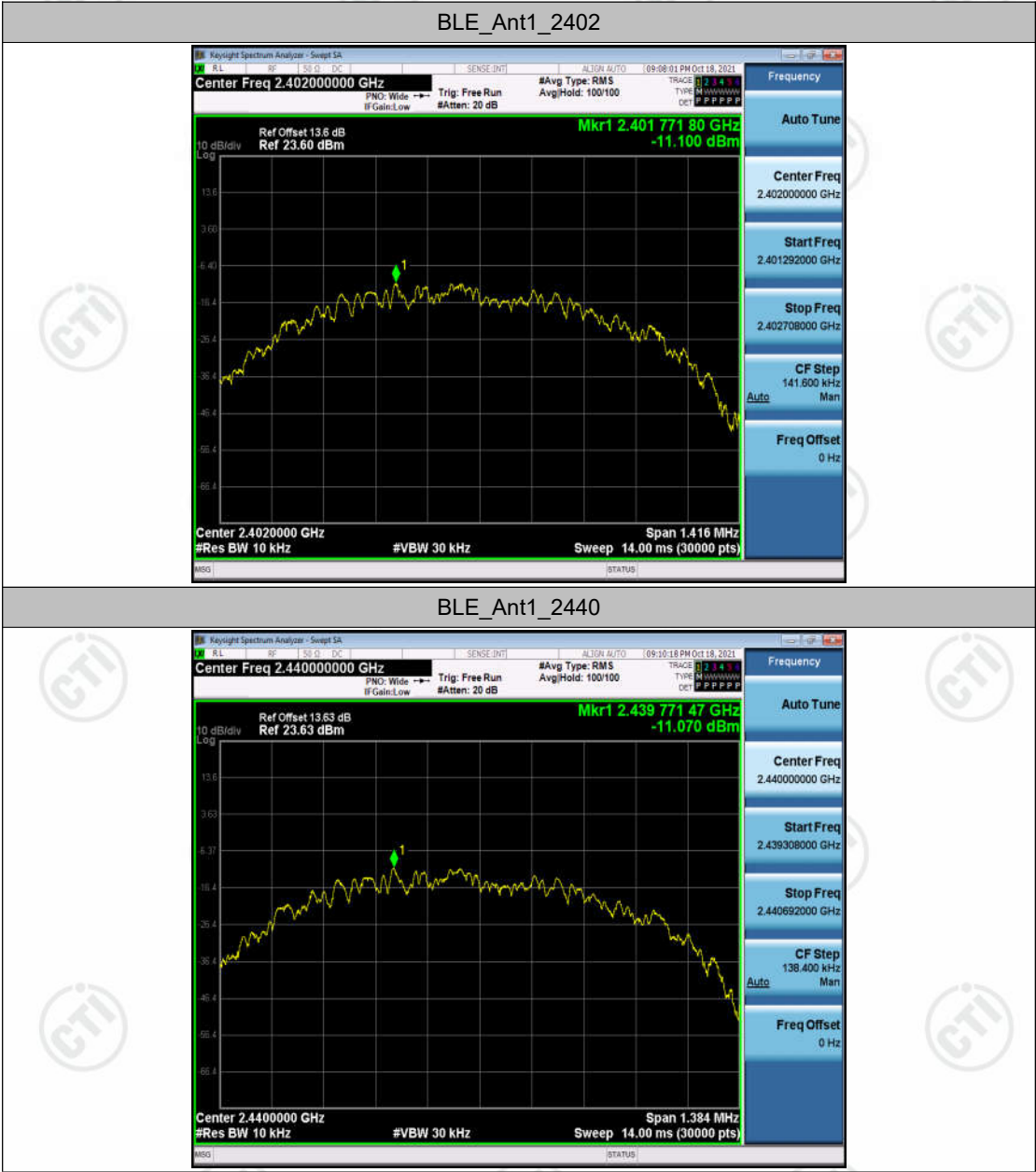


Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-11.1	<=8	PASS
		2440	-11.07	<=8	PASS
		2480	-10.89	<=8	PASS

Test Graphs



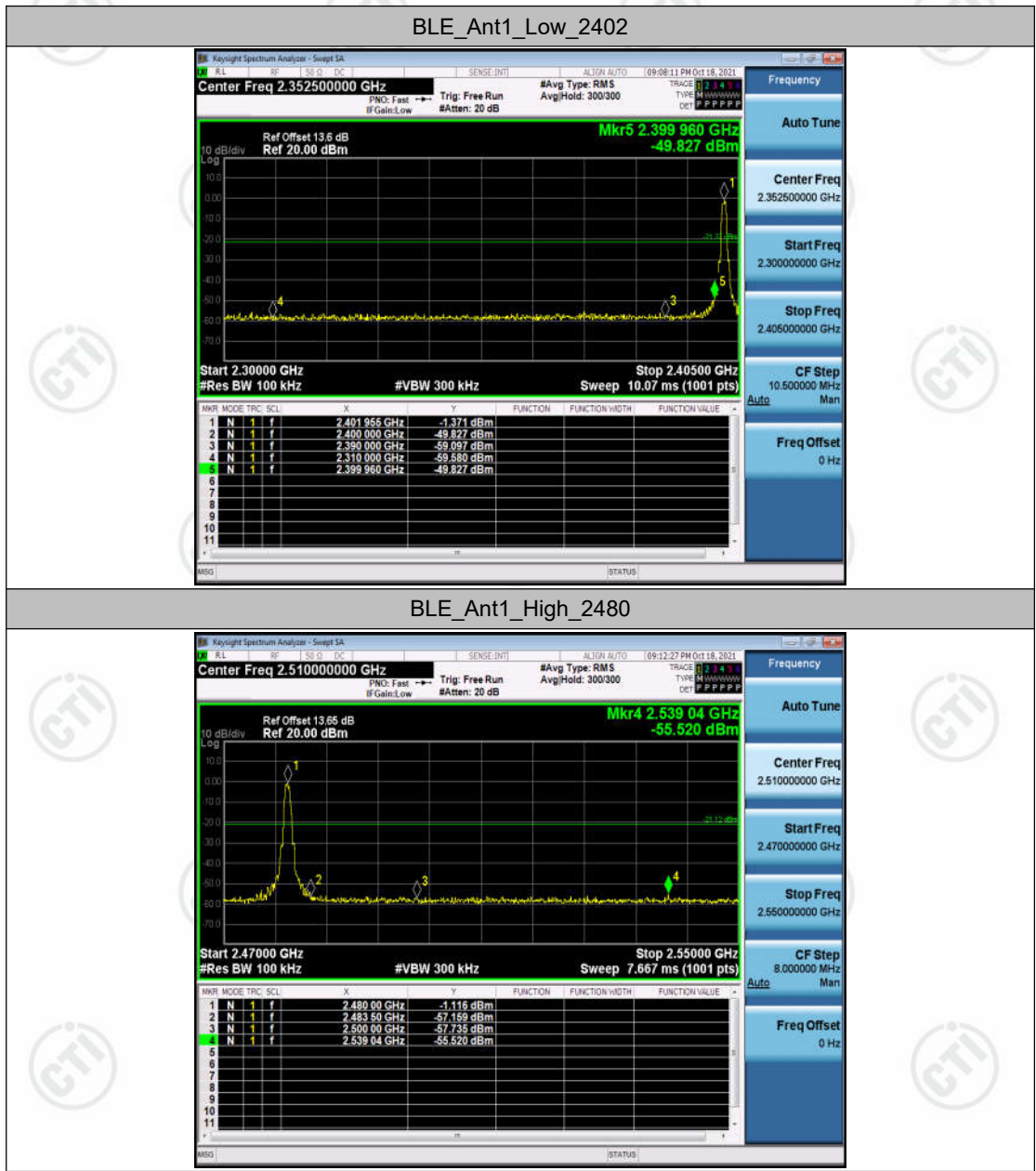


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	-1.37	-49.83	<=-21.37	PASS
		High	2480	-1.12	-55.52	<=-21.12	PASS

Test Graphs

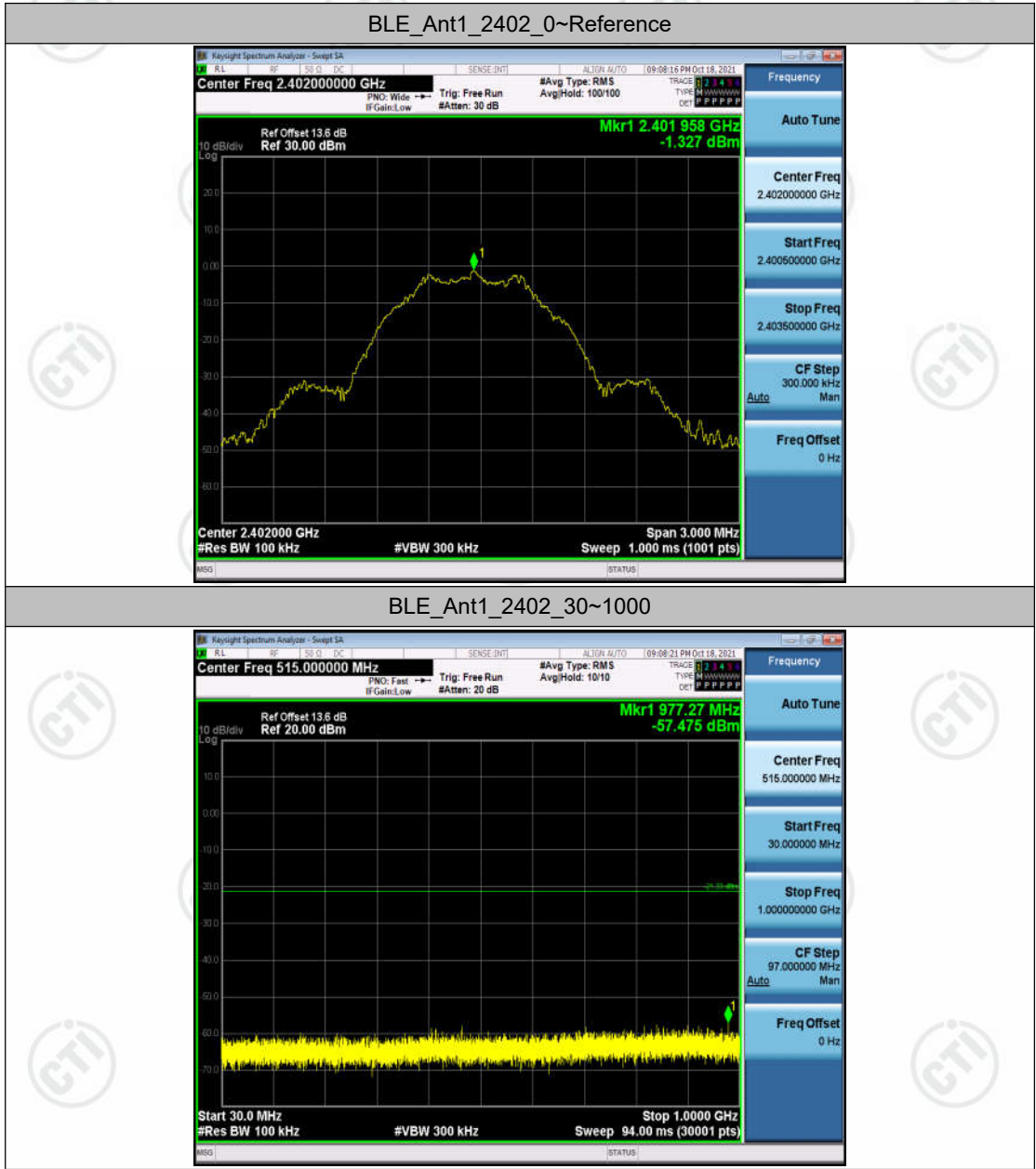


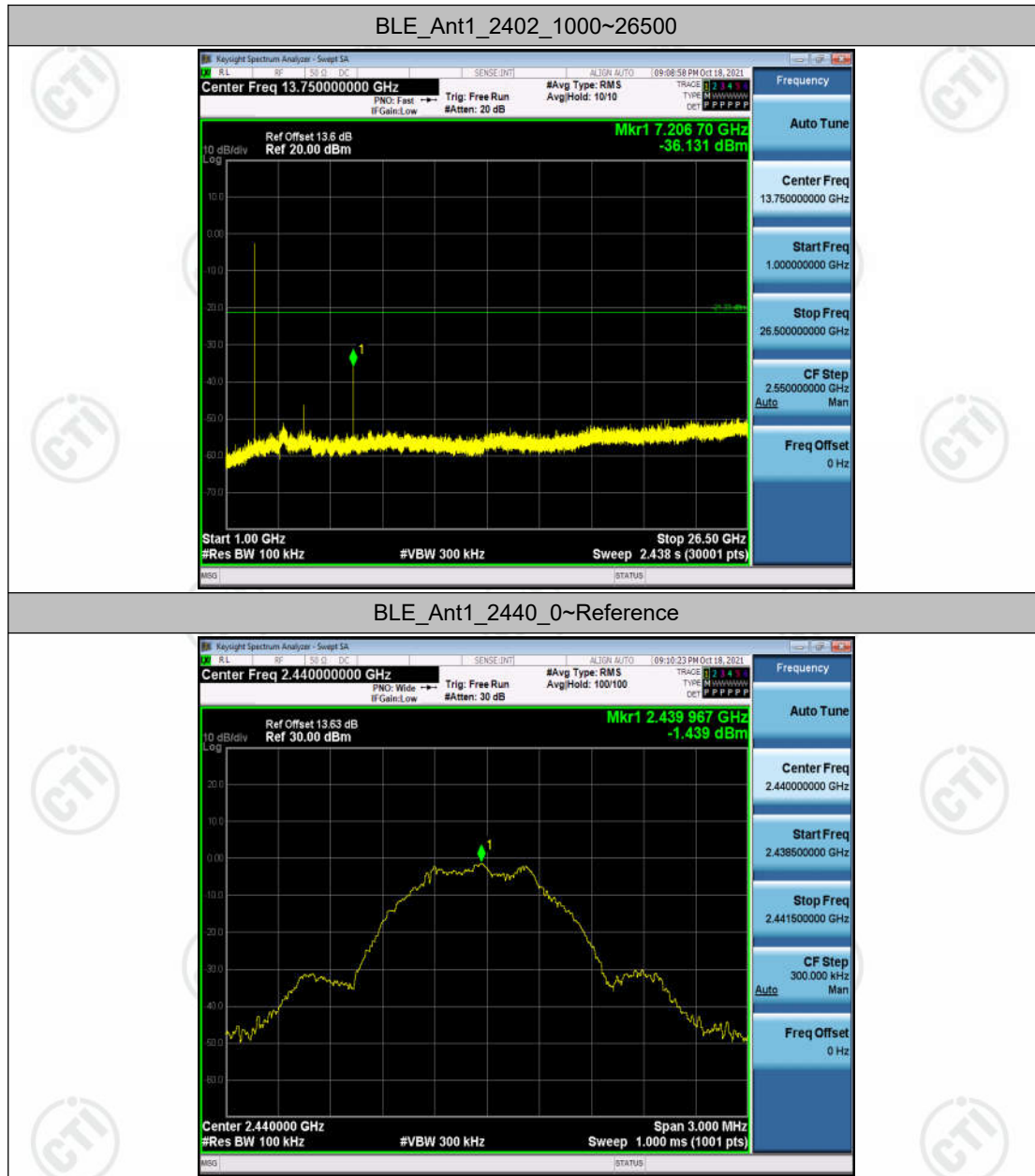
Appendix F: Conducted Spurious Emission

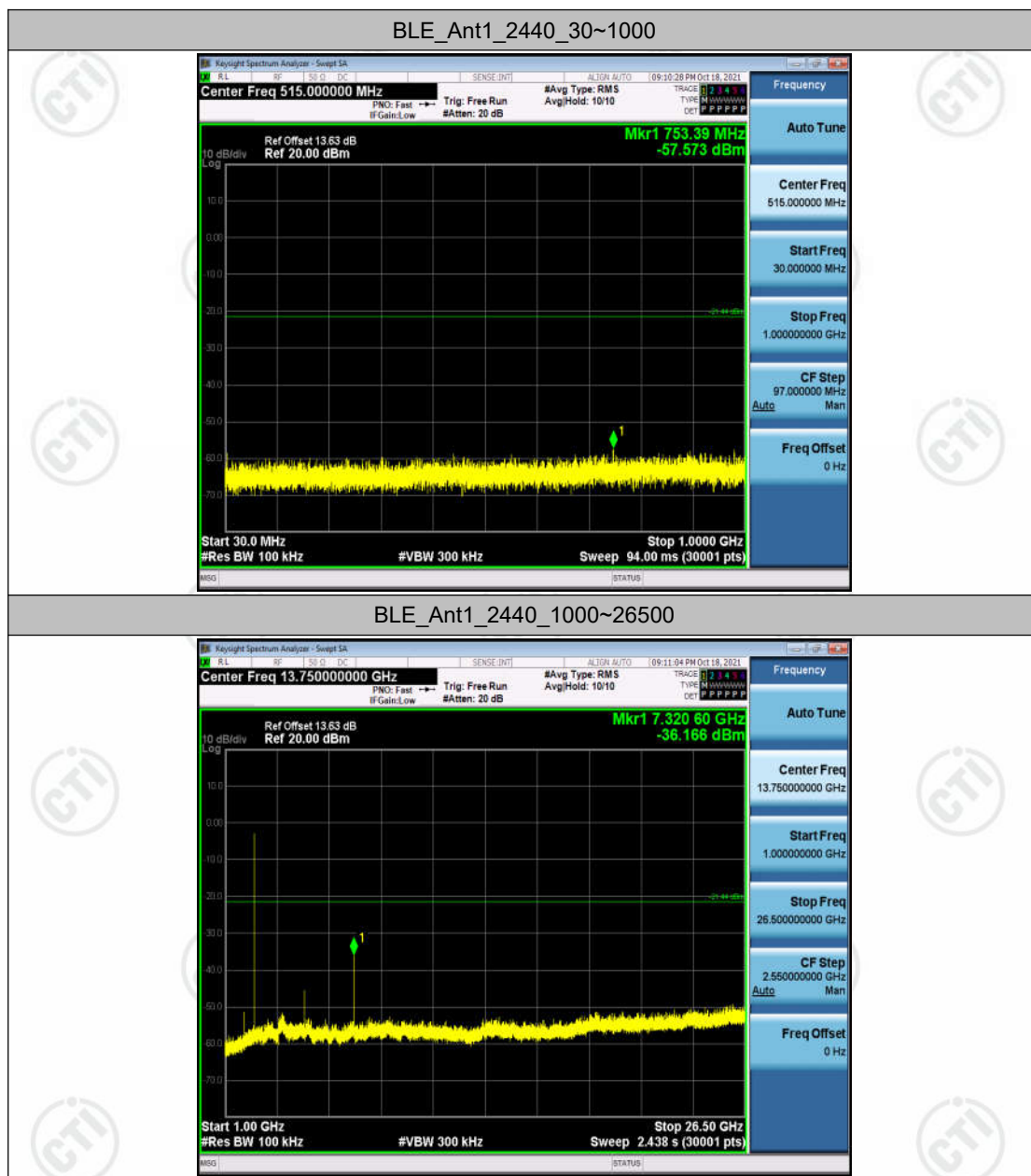
Test Result

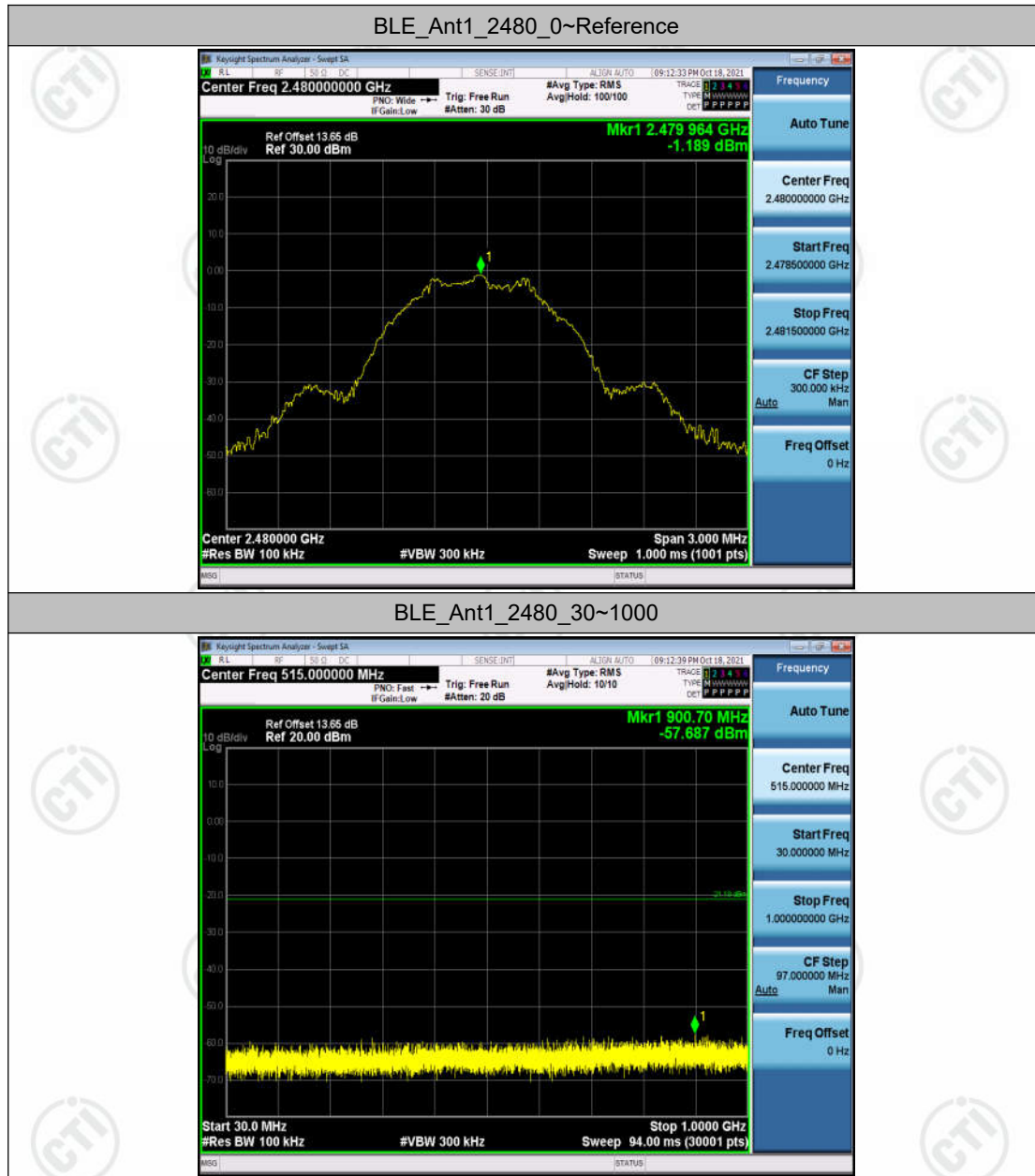
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	-1.33	-1.33	---	PASS
			30~1000	---	-57.475	<=-21.327	PASS
			1000~26500	---	-36.131	<=-21.327	PASS
		2440	Reference	-1.44	-1.44	---	PASS
			30~1000	---	-57.573	<=-21.439	PASS
			1000~26500	---	-36.166	<=-21.439	PASS
		2480	Reference	-1.19	-1.19	---	PASS
			30~1000	---	-57.687	<=-21.189	PASS
			1000~26500	---	-40.754	<=-21.189	PASS

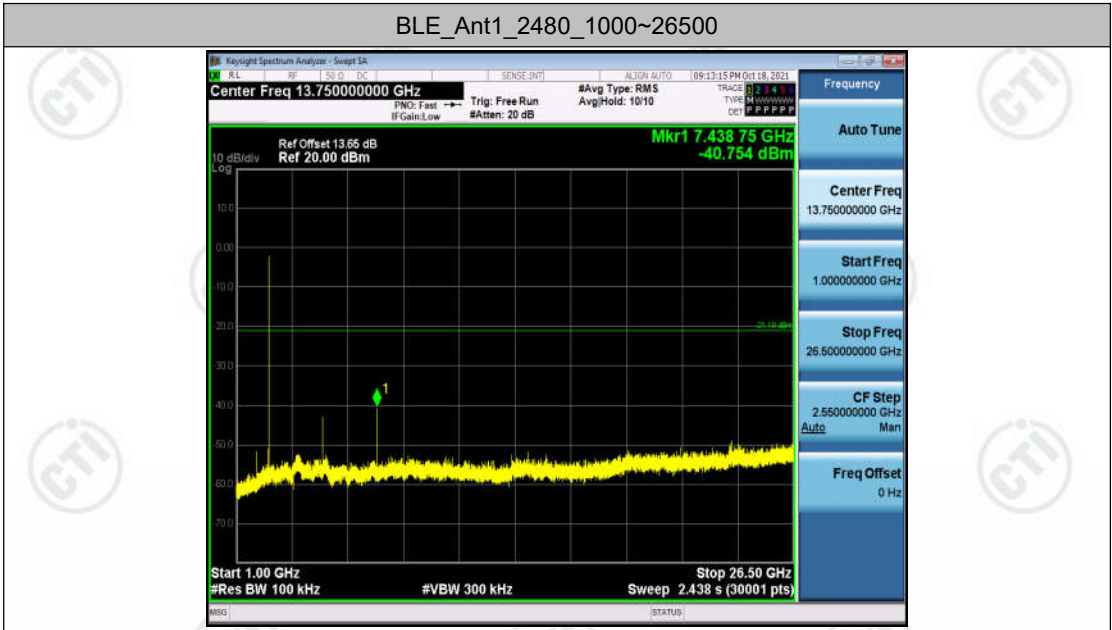
Test Graphs









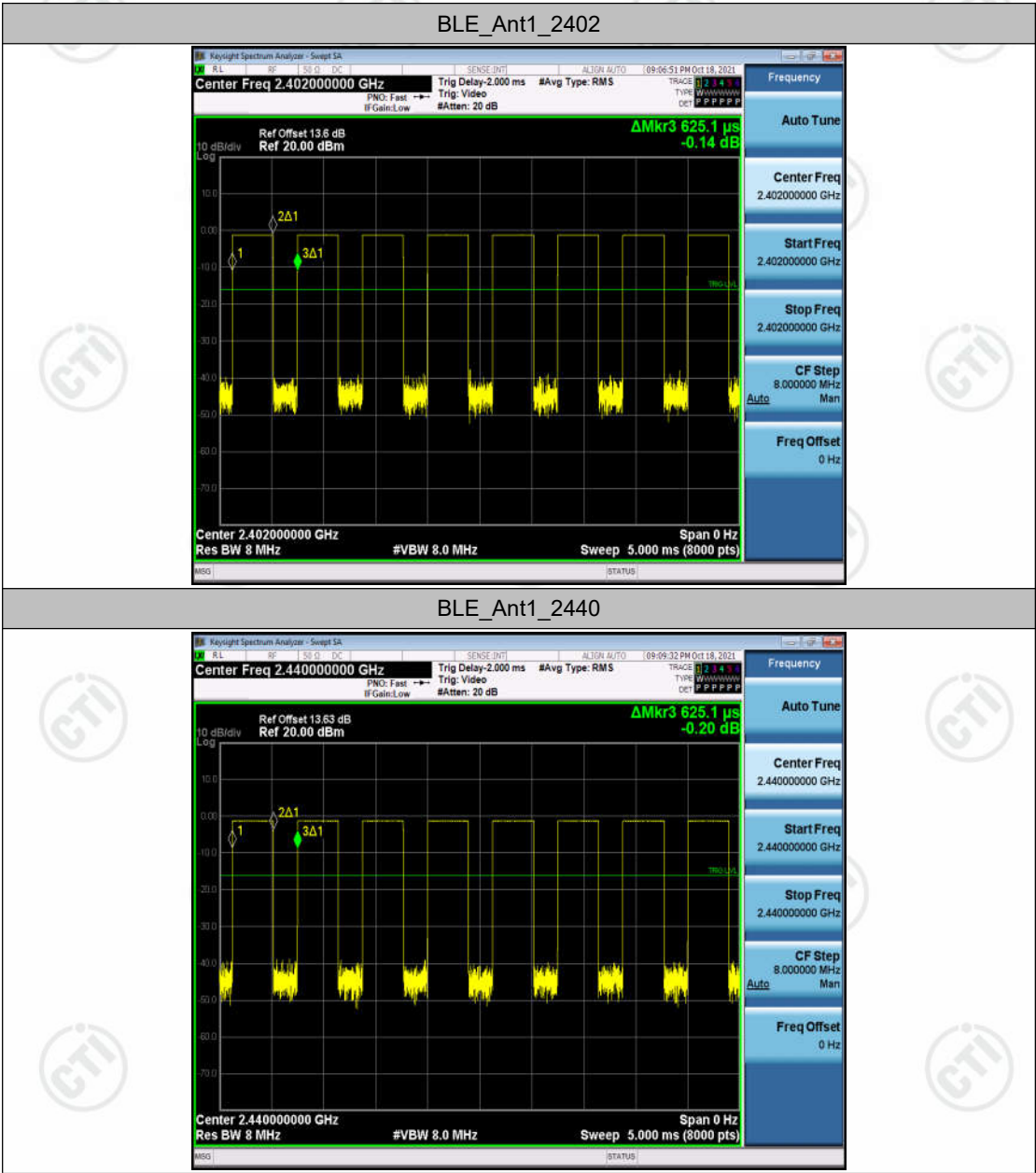


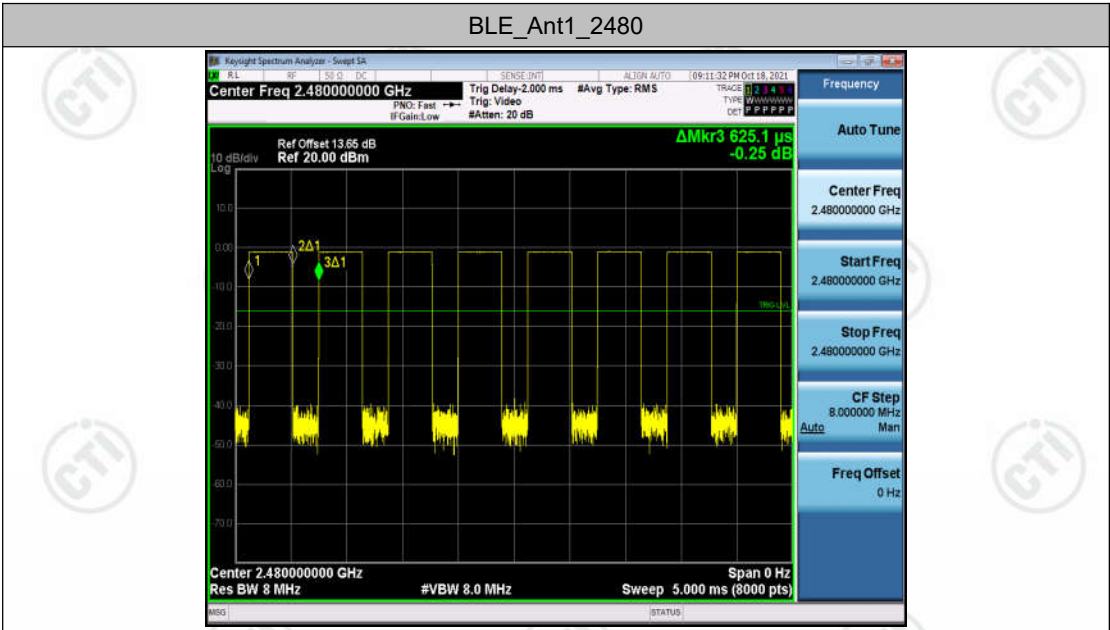
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE	Ant1	2402	0.39	0.63	62.90	---	PASS
		2440	0.39	0.63	62.90	---	PASS
		2480	0.39	0.63	62.90	---	PASS

Test Graphs





*** End of Report ***