

Appendix: Bluetooth LE

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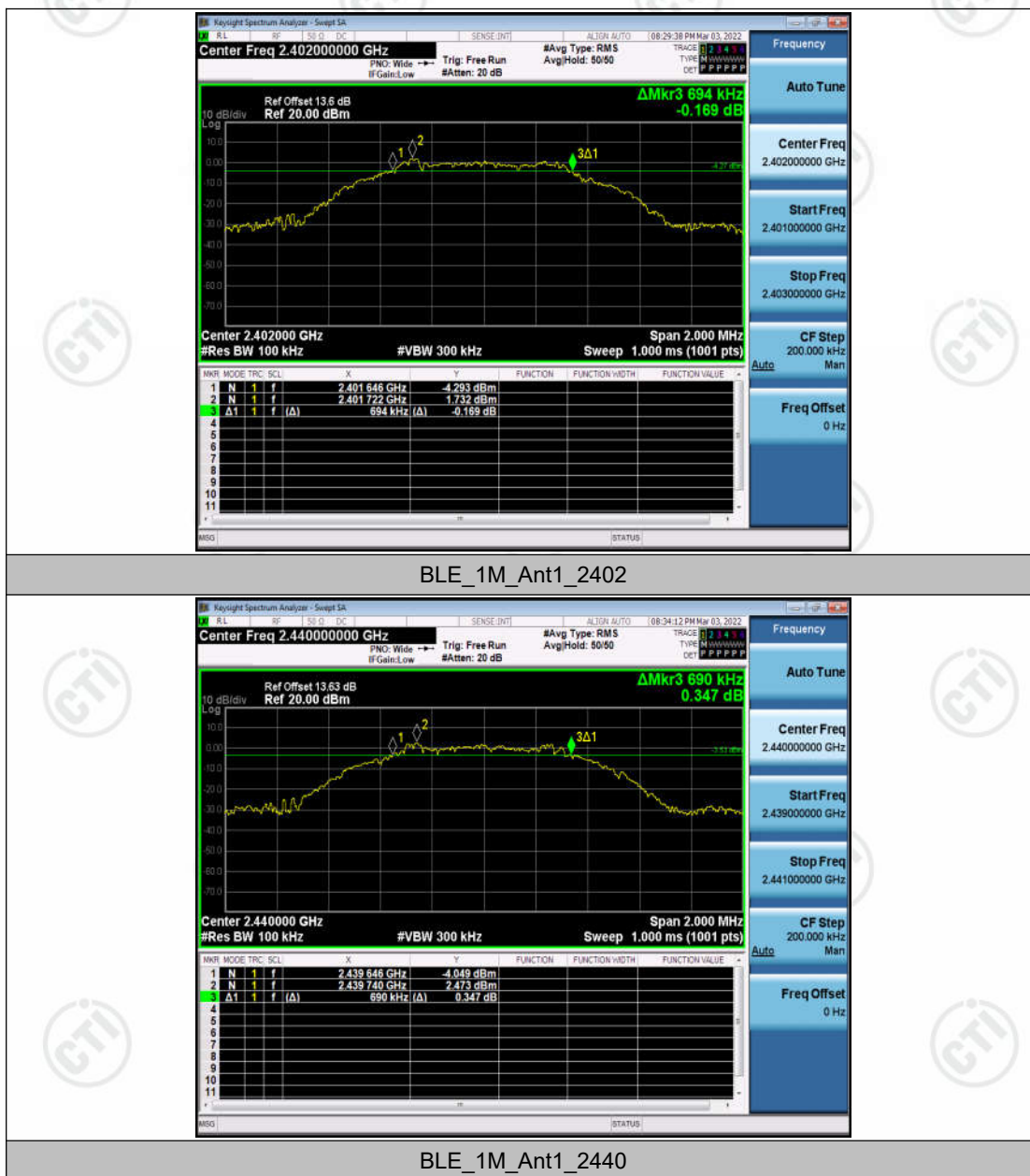
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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.694	2401.646	2402.340	0.5	PASS
		2440	0.690	2439.646	2440.336	0.5	PASS
		2480	0.710	2479.630	2480.340	0.5	PASS

Test Graphs



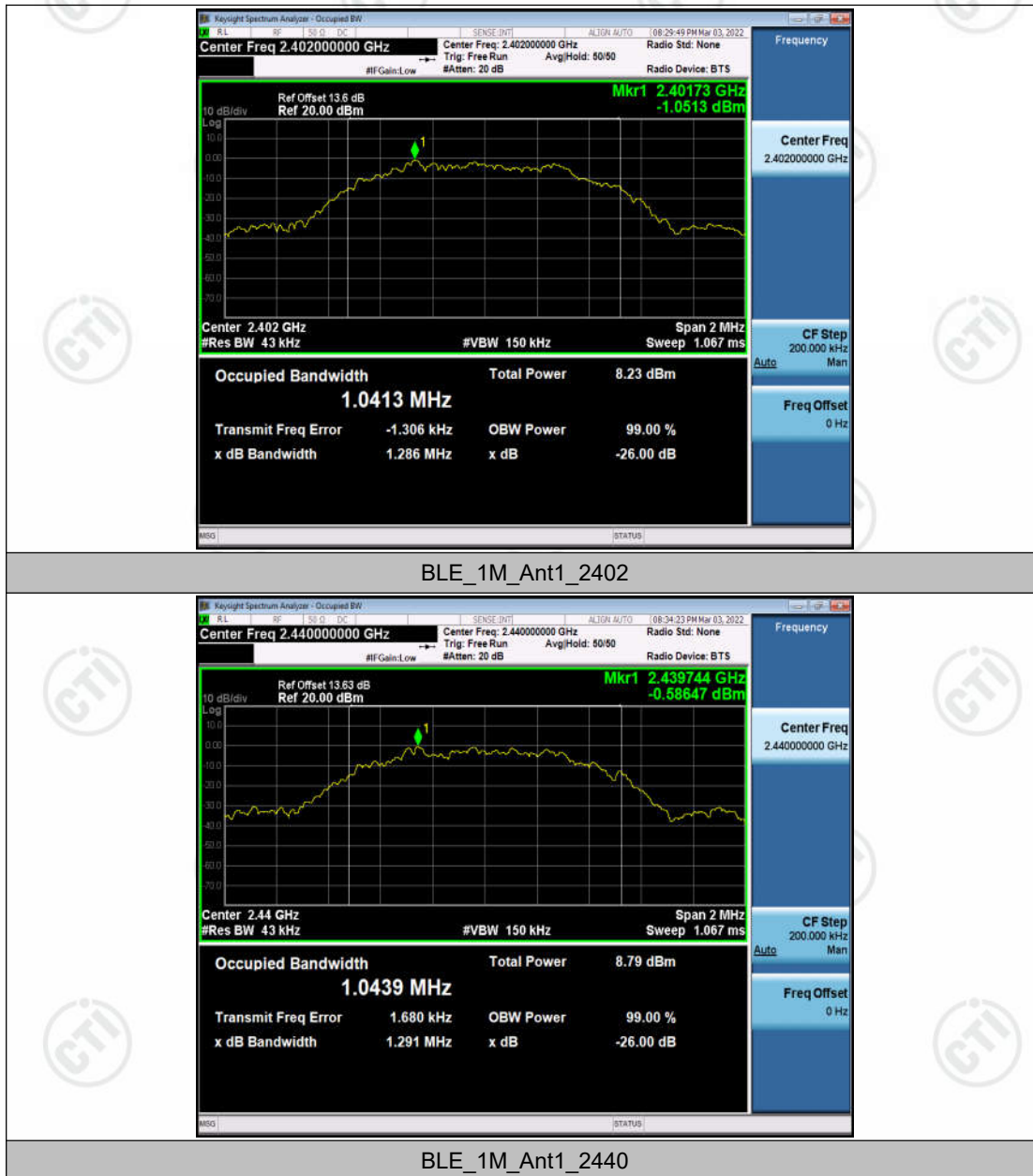


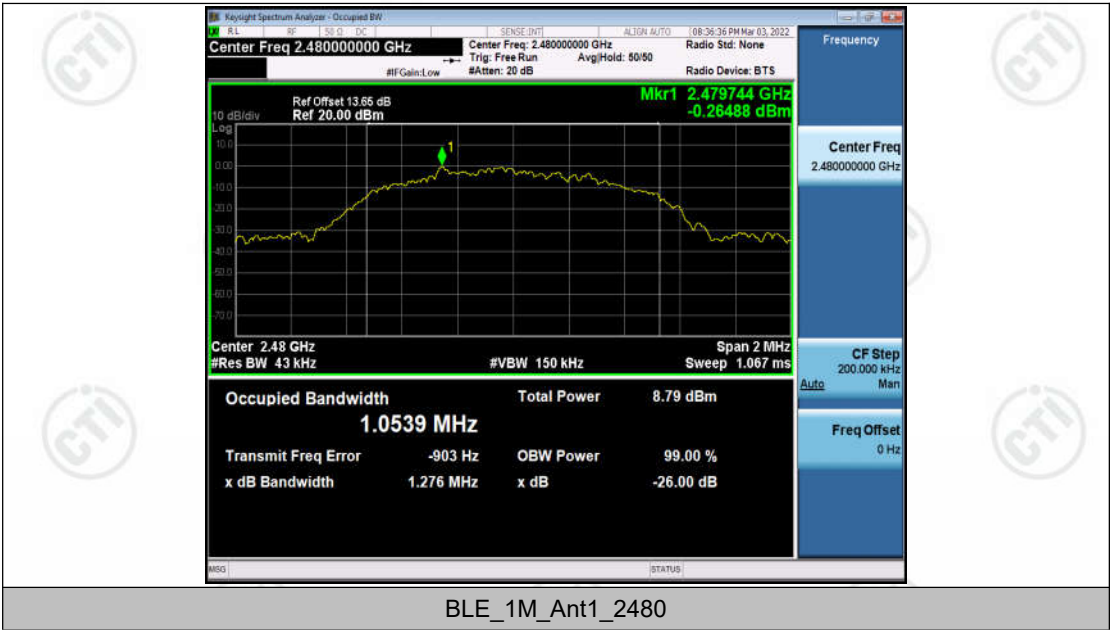
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0413	2401.478	2402.519	---	PASS
		2440	1.0439	2439.480	2440.524	---	PASS
		2480	1.0539	2479.472	2480.526	---	PASS

Test Graphs





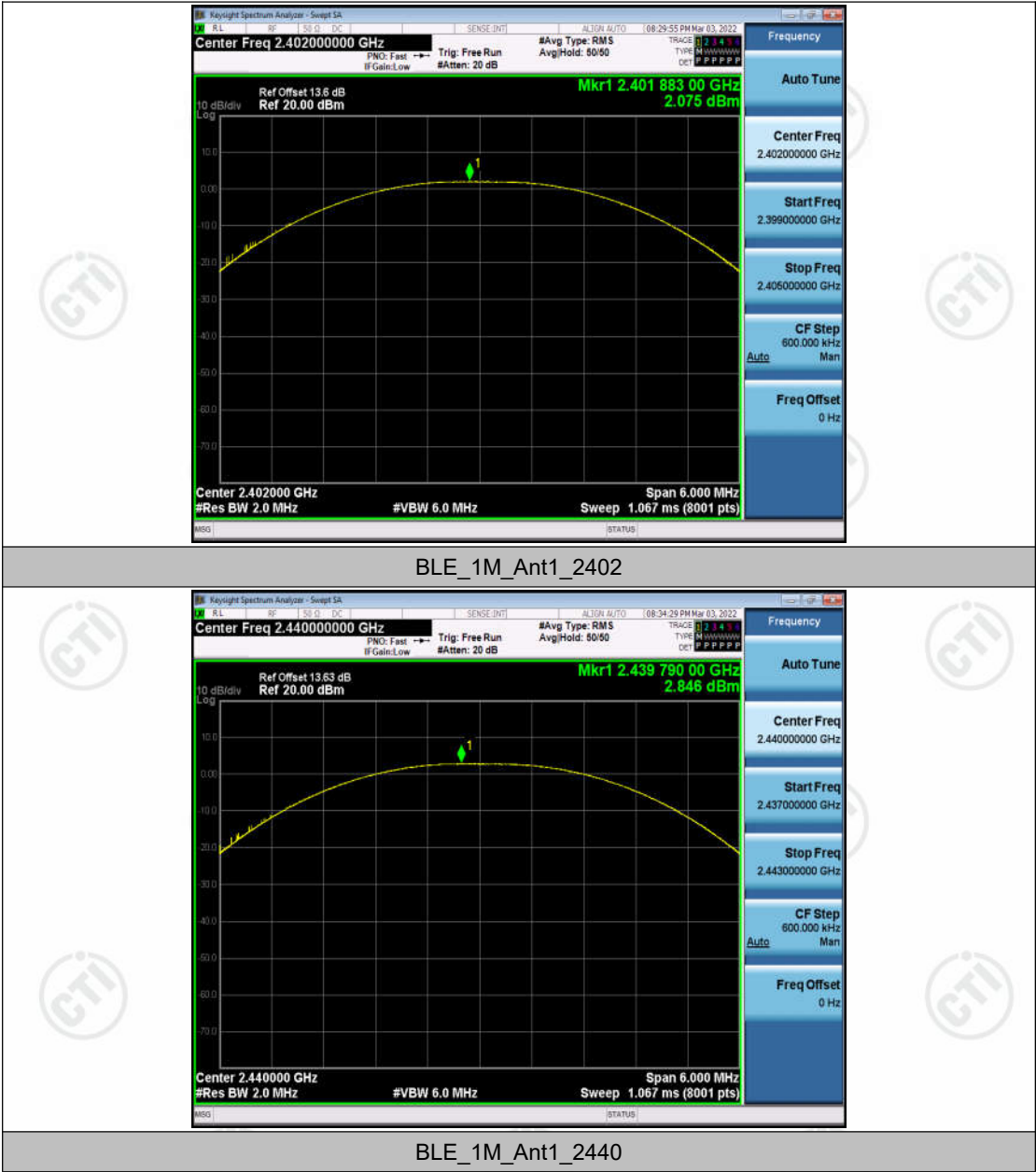
BLE_1M_Ant1_2480

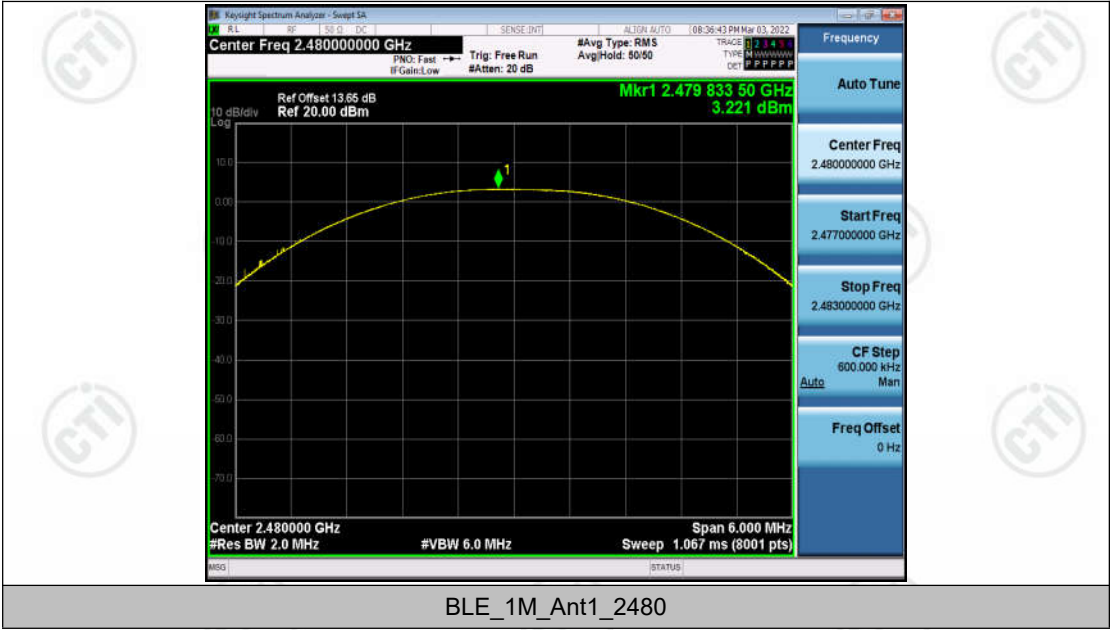
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.08	<=30	PASS
		2440	2.85	<=30	PASS
		2480	3.22	<=30	PASS

Test Graphs



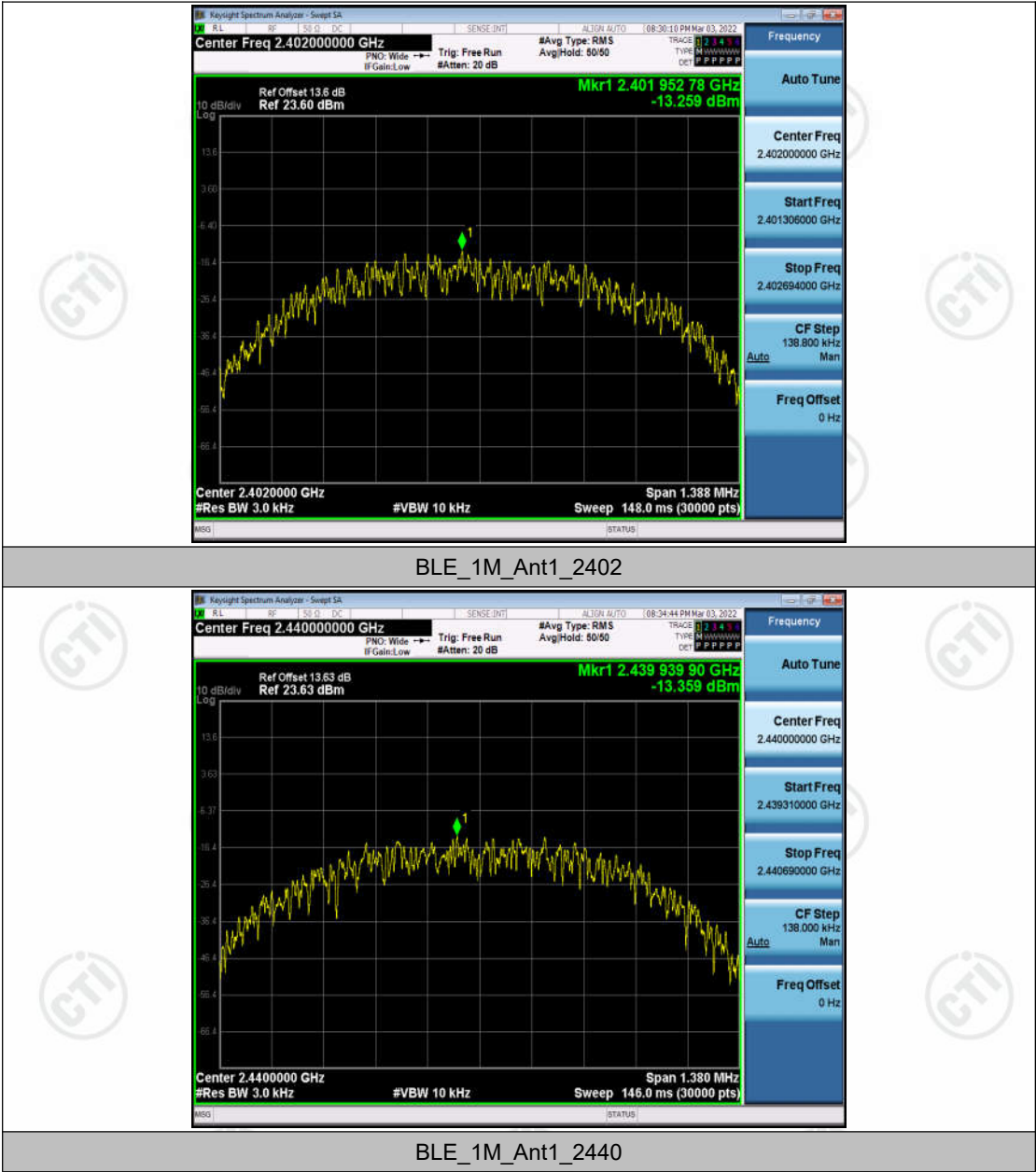


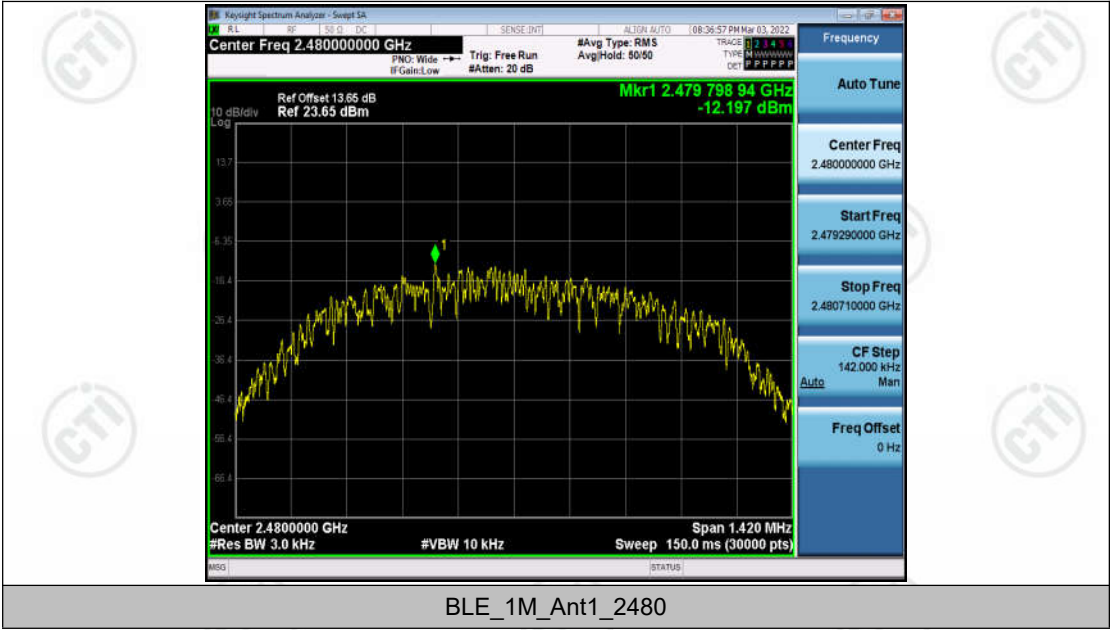
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.26	<=8	PASS
		2440	-13.36	<=8	PASS
		2480	-12.2	<=8	PASS

Test Graphs



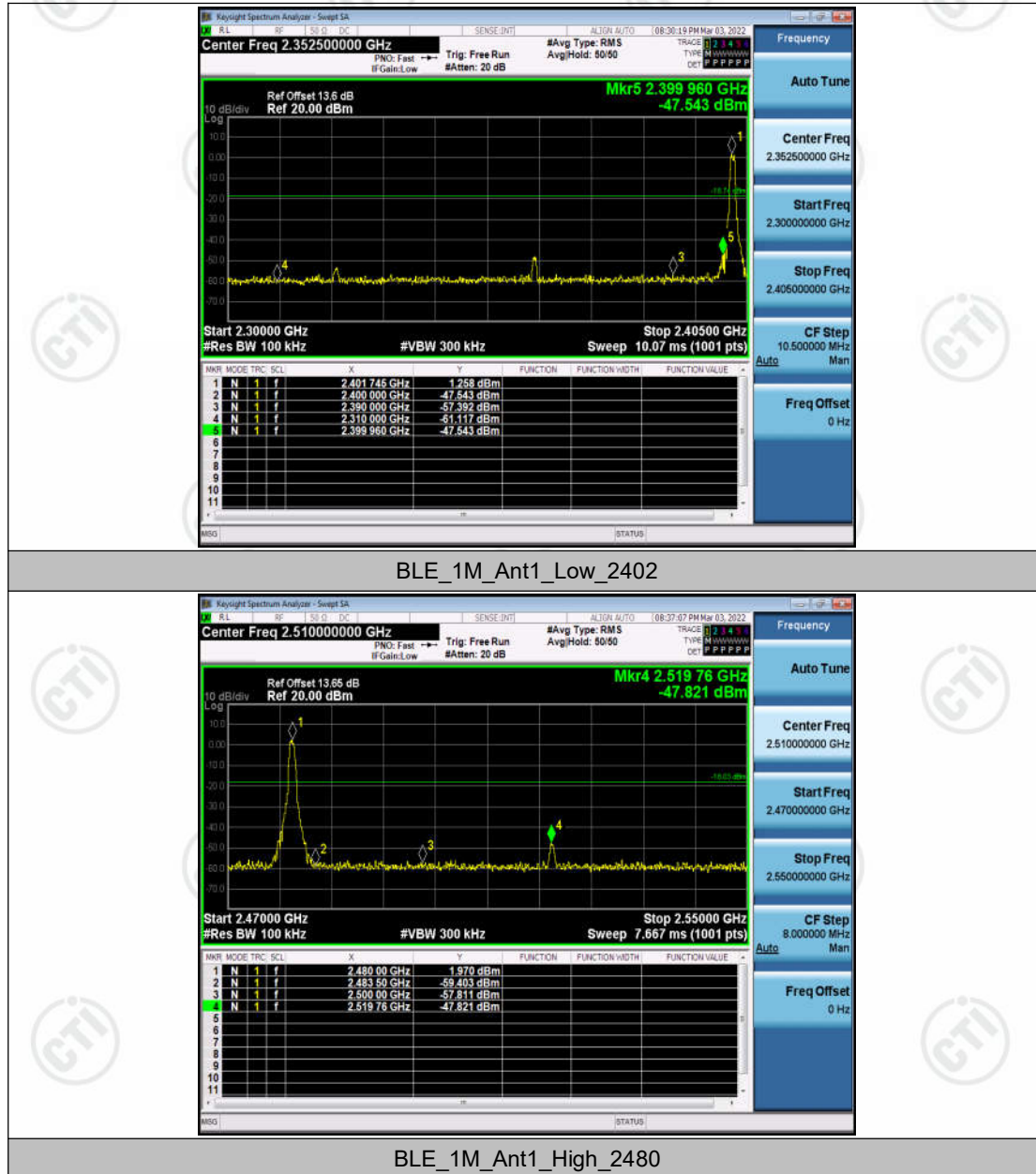


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.26	-47.54	<=-18.74	PASS
		High	2480	1.97	-47.82	<=-18.03	PASS

Test Graphs

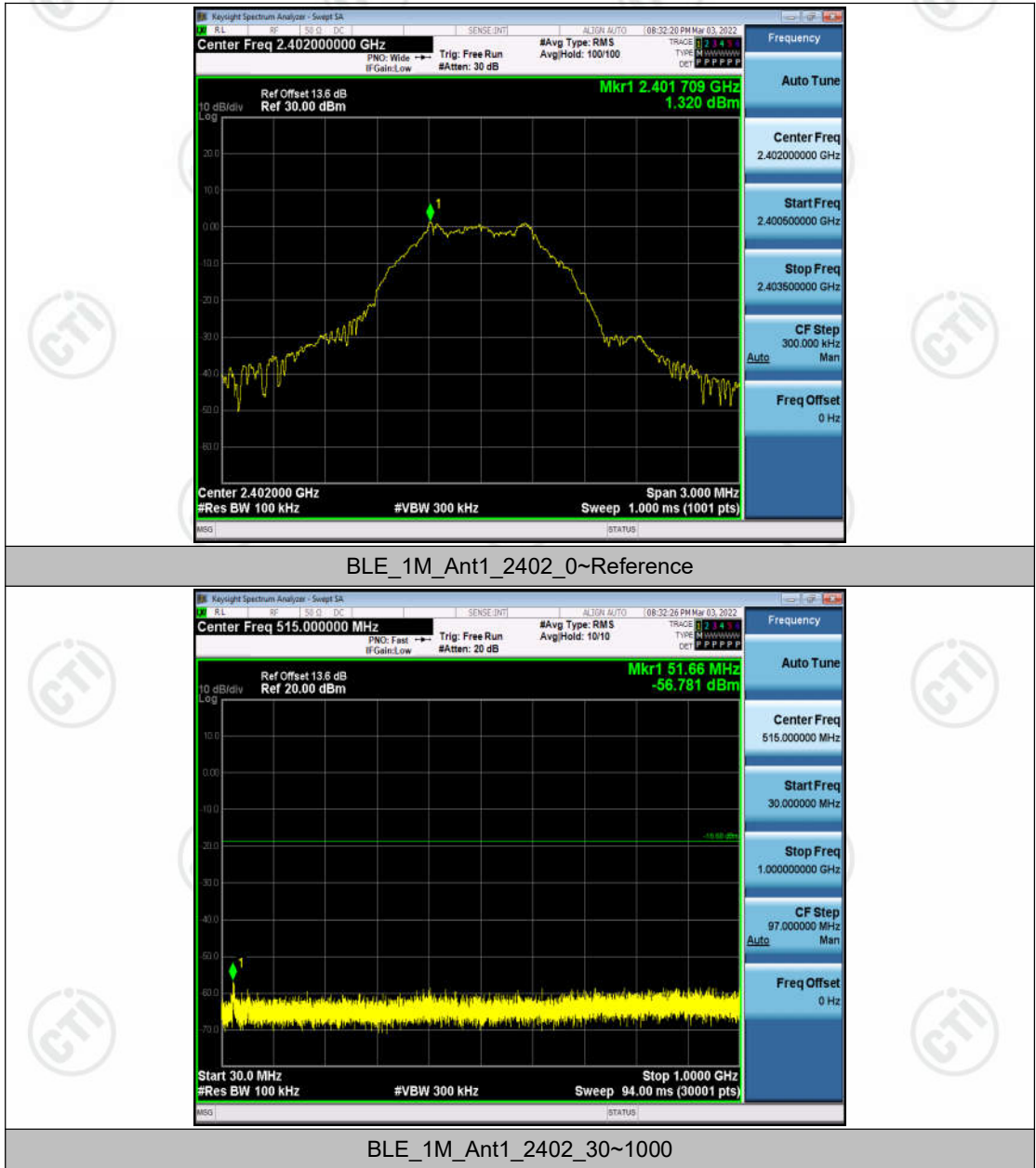


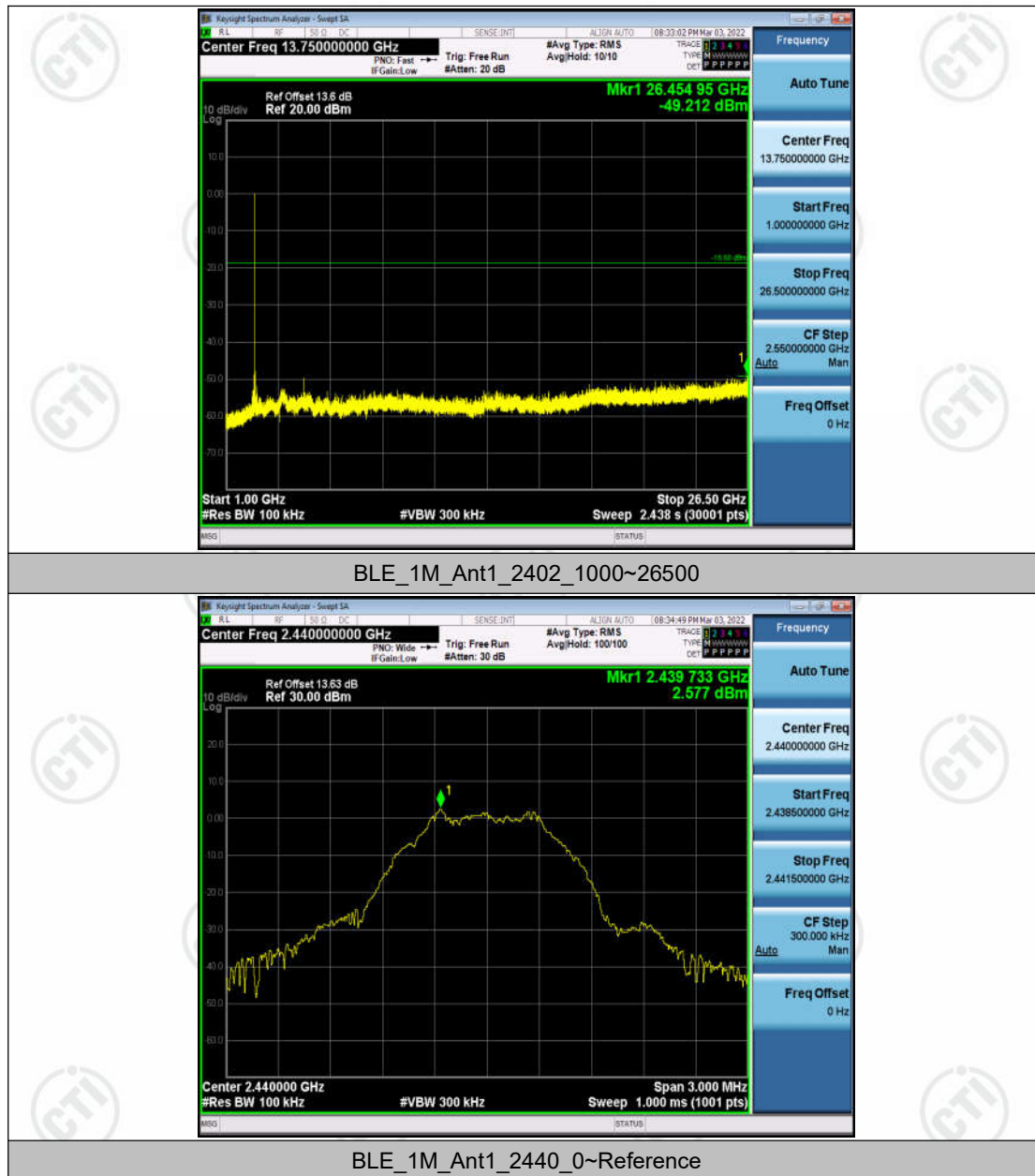
Appendix F: Conducted Spurious Emission

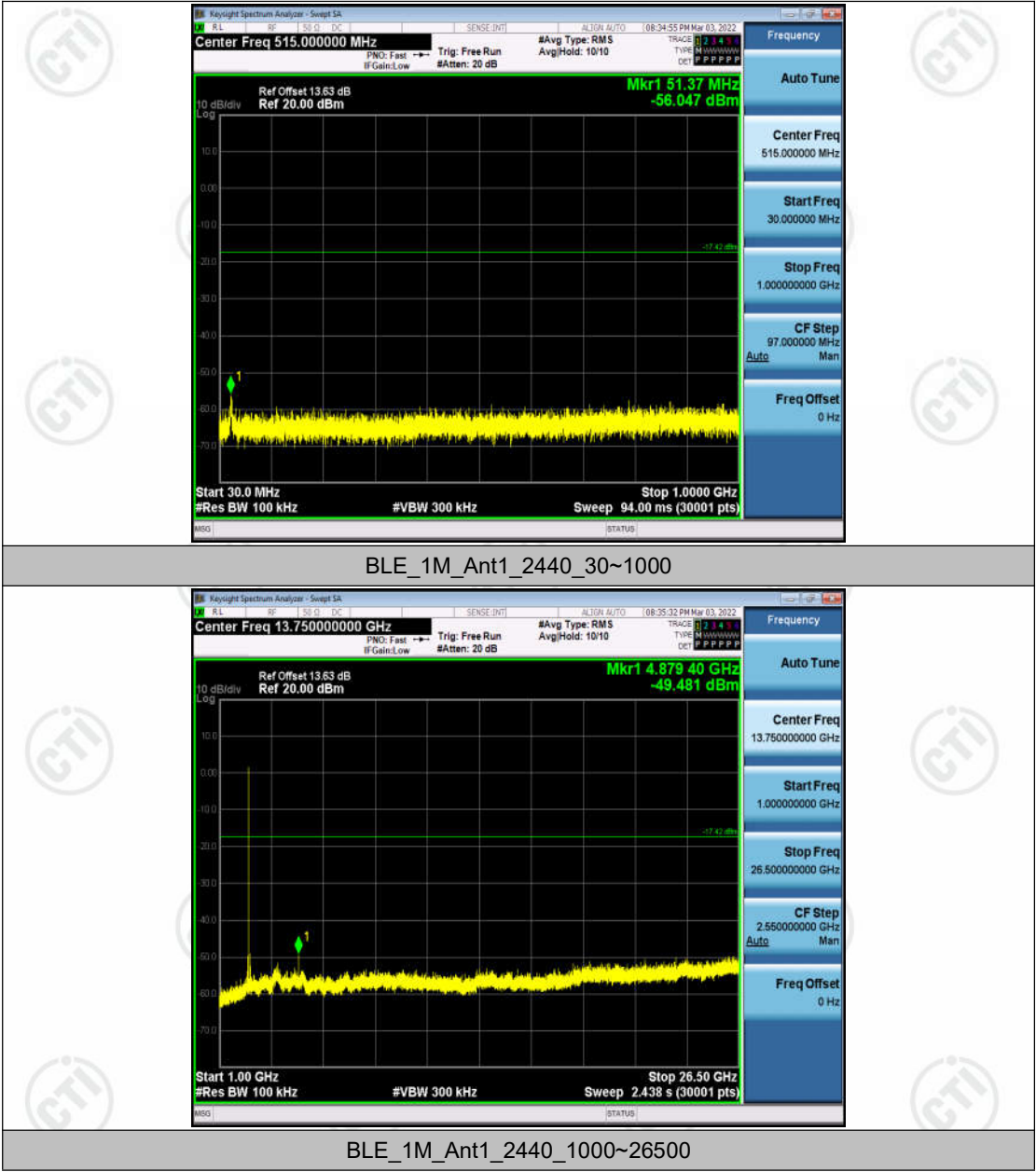
Test Result

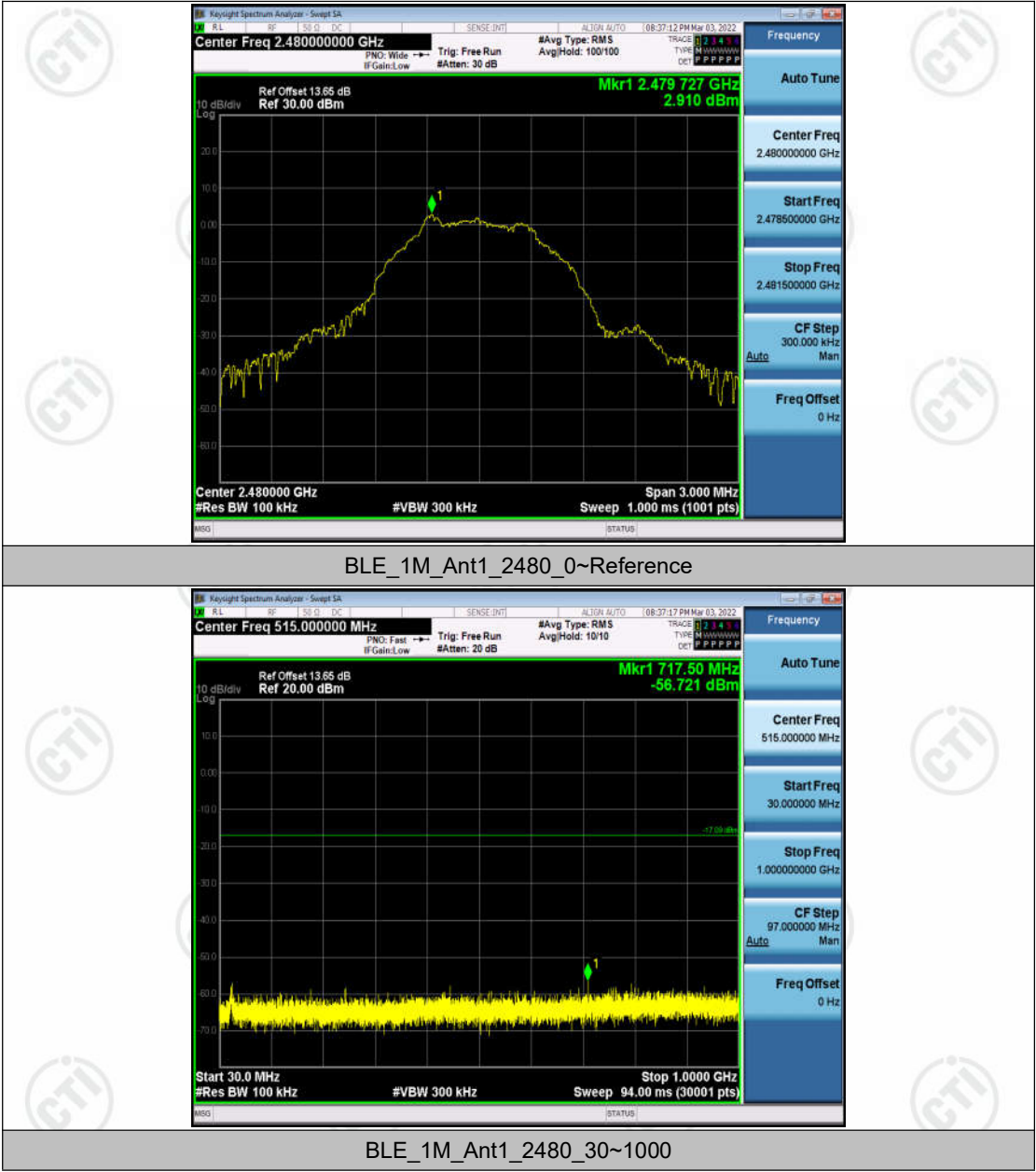
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.32	1.32	---	PASS
			30~1000	30~1000	-56.781	<=-18.68	PASS
			1000~26500	1000~26500	-49.212	<=-18.68	PASS
		2440	Reference	2.58	2.58	---	PASS
			30~1000	30~1000	-56.047	<=-17.423	PASS
			1000~26500	1000~26500	-49.481	<=-17.423	PASS
		2480	Reference	2.91	2.91	---	PASS
			30~1000	30~1000	-56.721	<=-17.09	PASS
			1000~26500	1000~26500	-49.715	<=-17.09	PASS

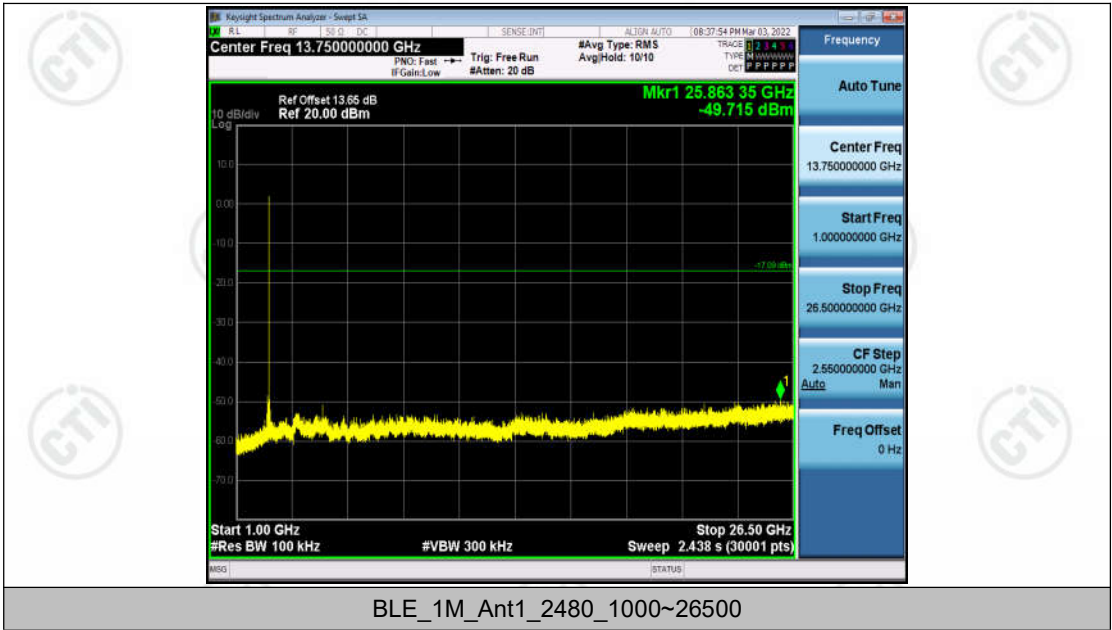
Test Graphs









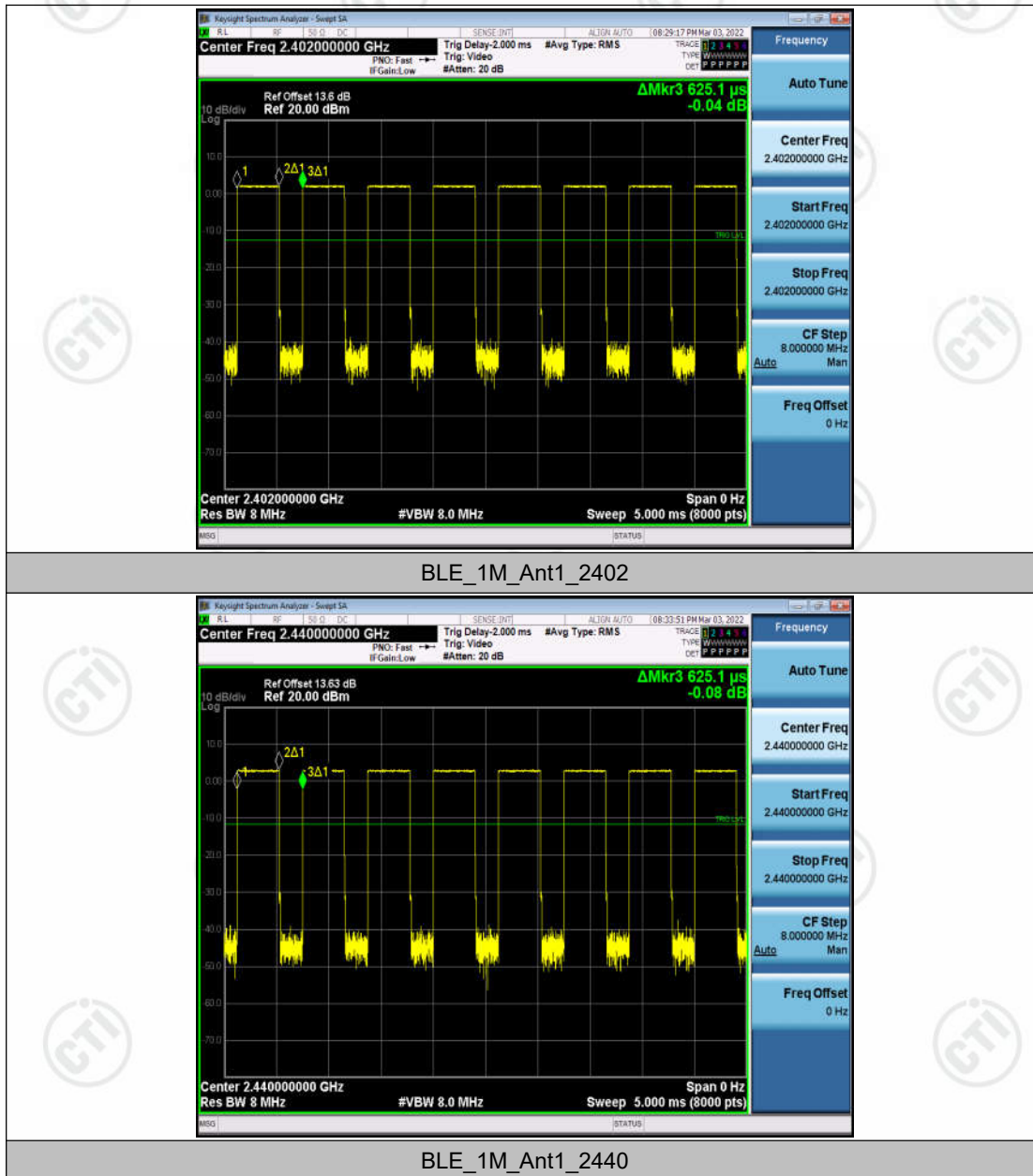


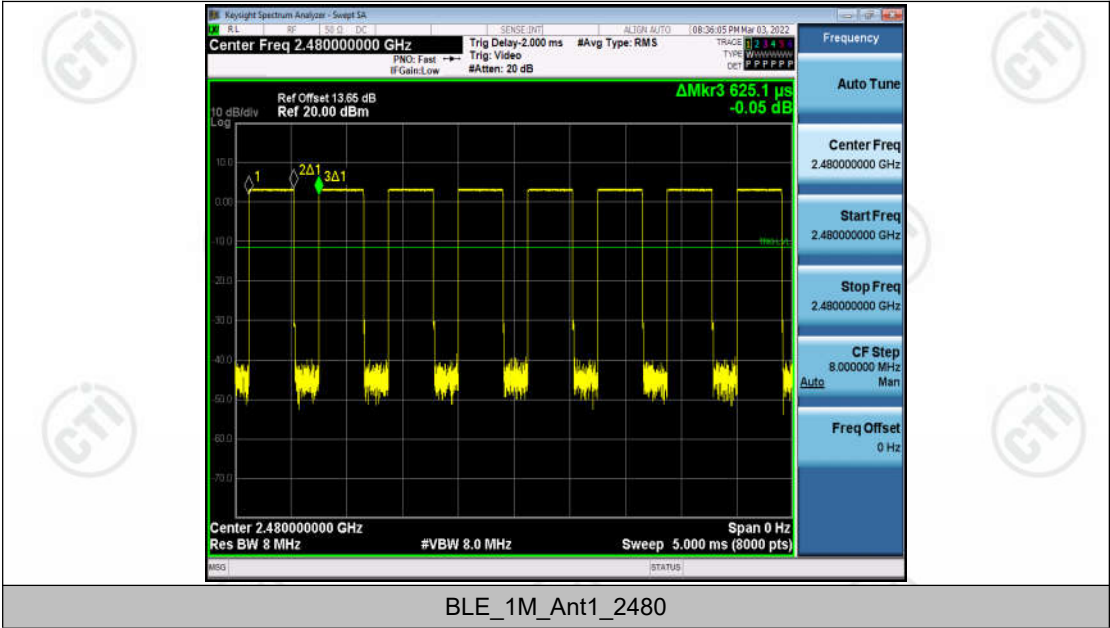
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.40	0.63	64.00	---	PASS
		2440	0.40	0.63	64.00	---	PASS
		2480	0.40	0.63	64.00	---	PASS

Test Graphs





BLE_1M_Ant1_2480

*** End of Report ***