

Appendix: Bluetooth LE

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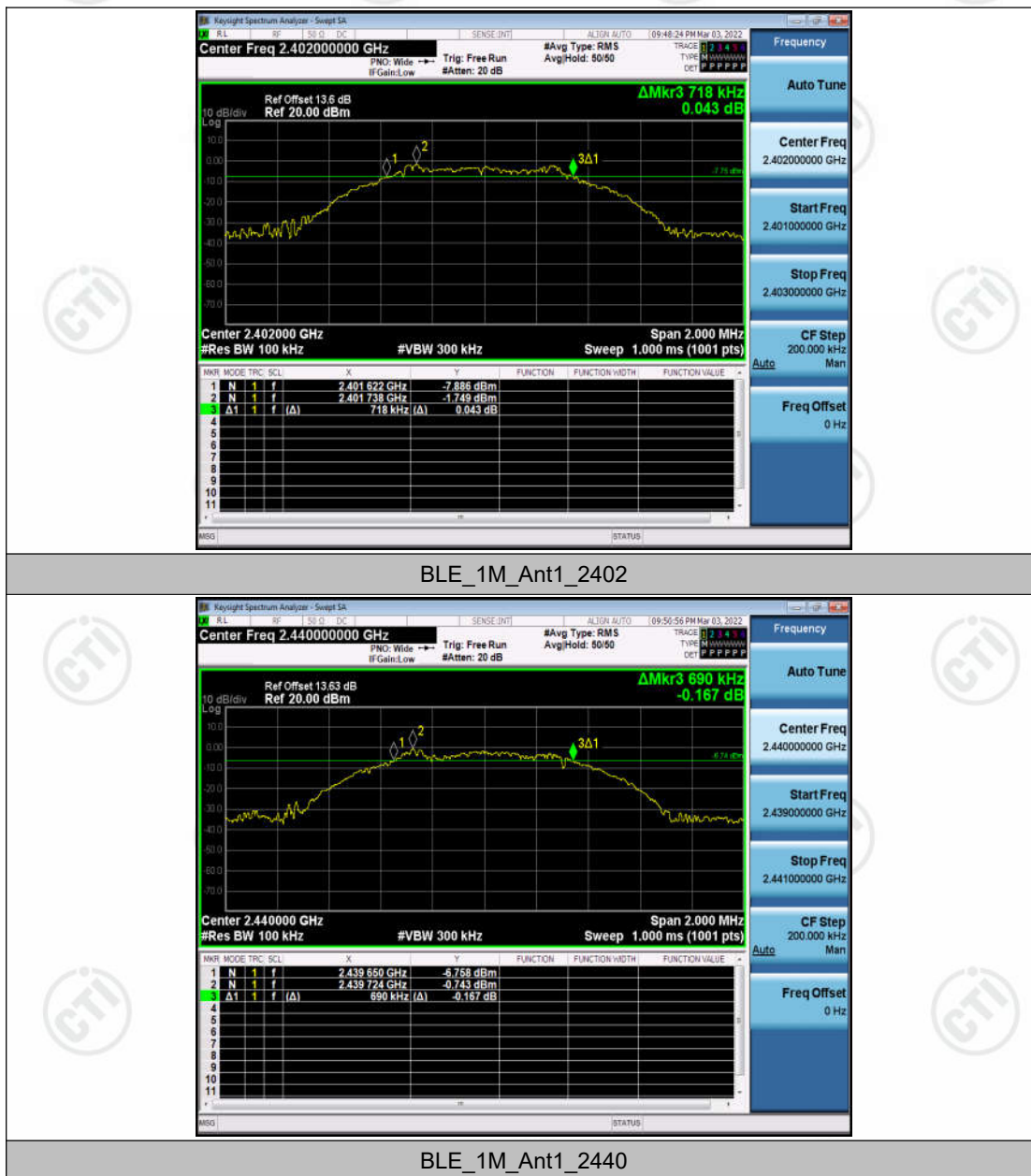
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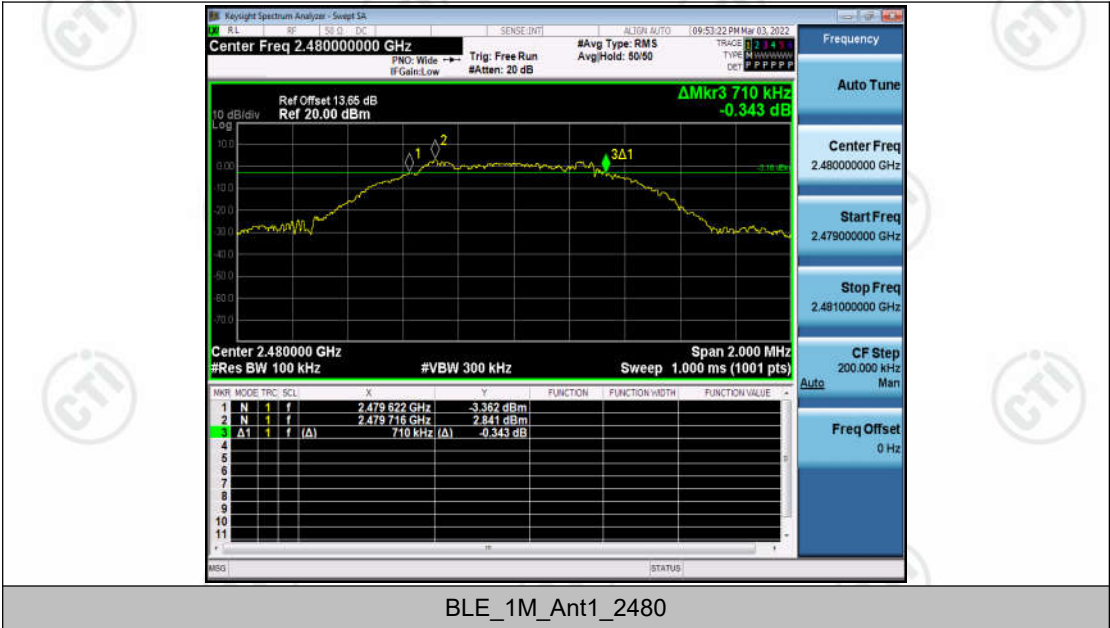
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.718	2401.622	2402.340	0.5	PASS
		2440	0.690	2439.650	2440.340	0.5	PASS
		2480	0.710	2479.622	2480.332	0.5	PASS

Test Graphs





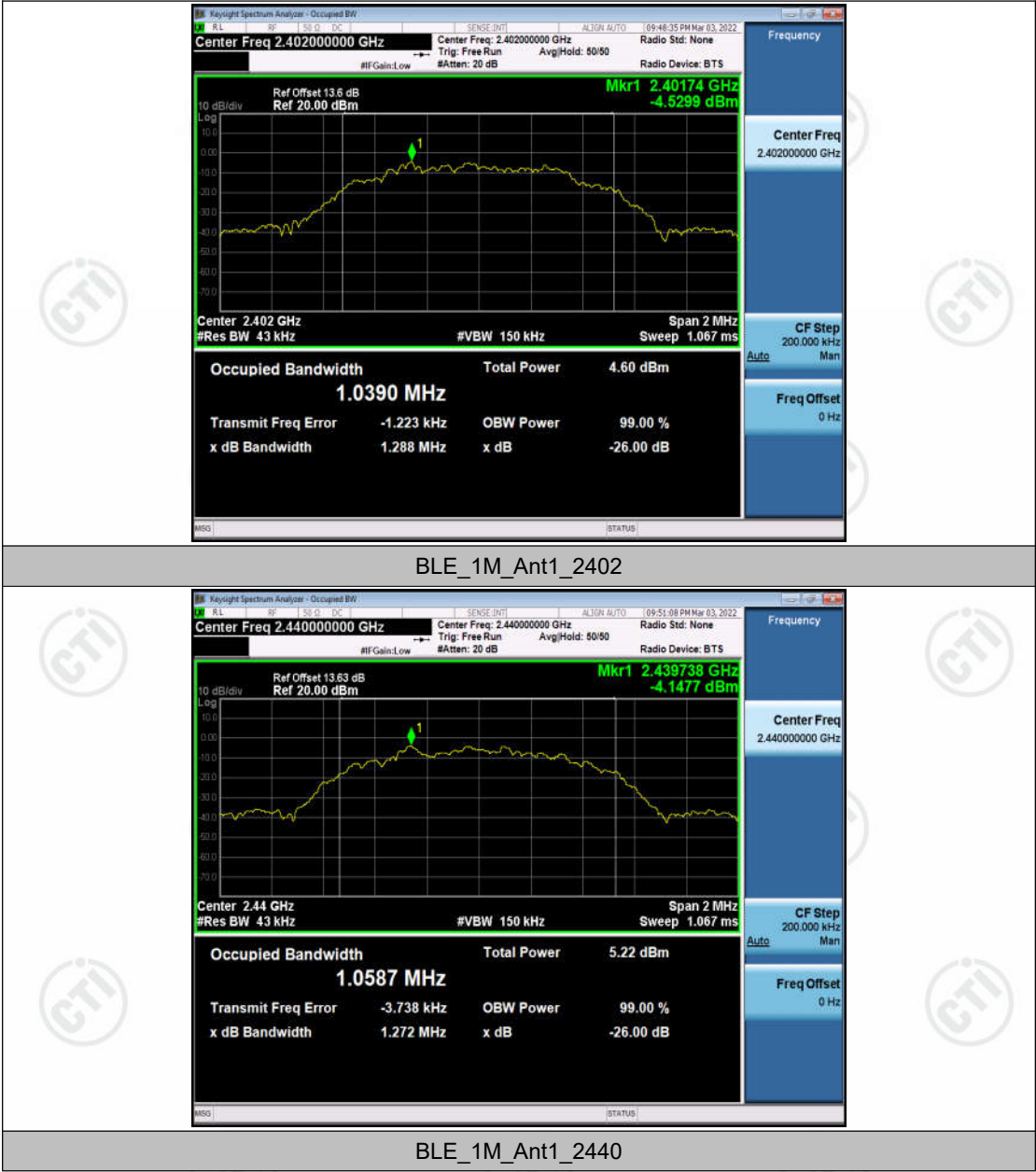
BLE_1M_Ant1_2480

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0390	2401.479	2402.518	---	PASS
		2440	1.0587	2439.467	2440.526	---	PASS
		2480	1.0441	2479.474	2480.518	---	PASS

Test Graphs

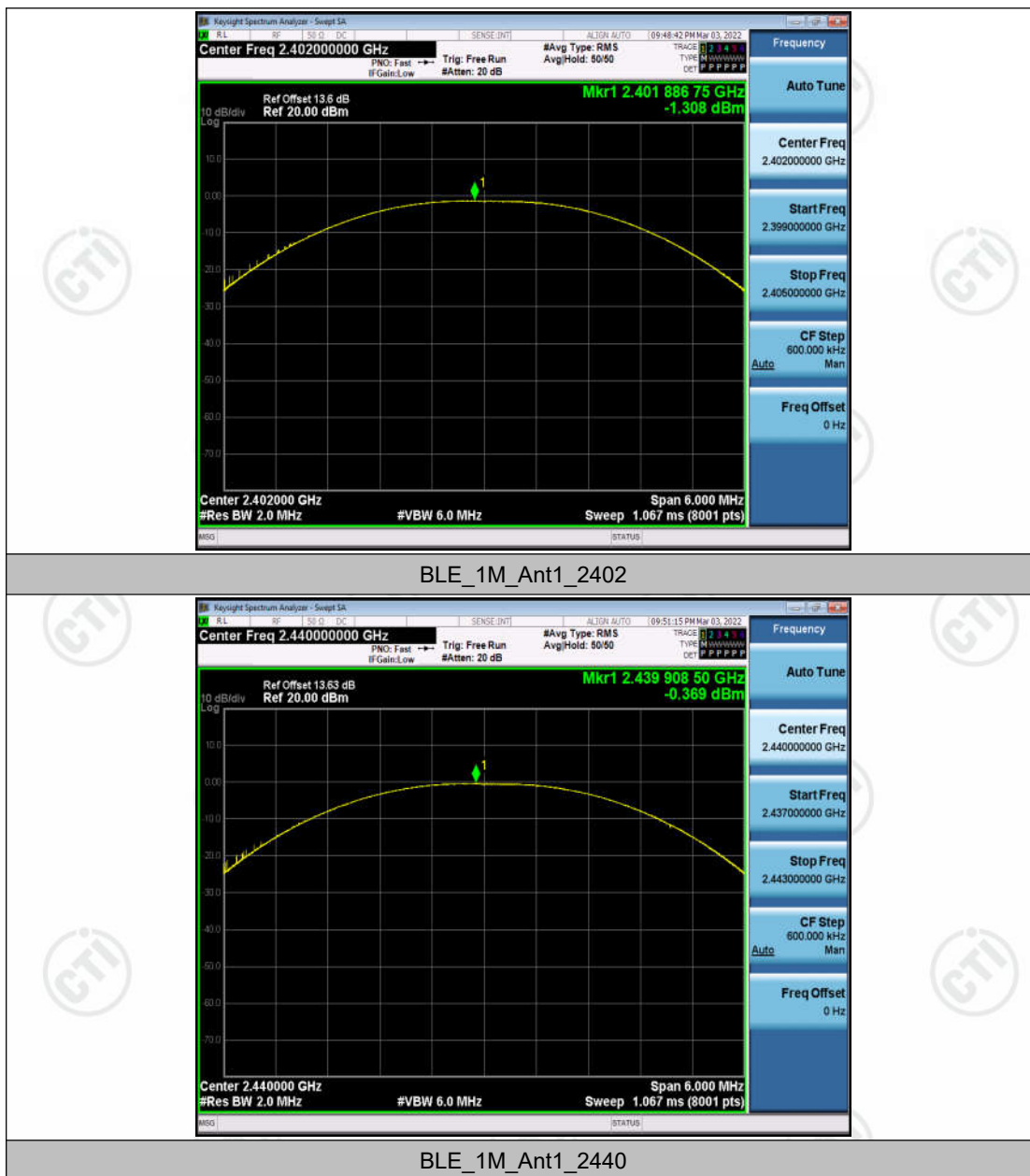


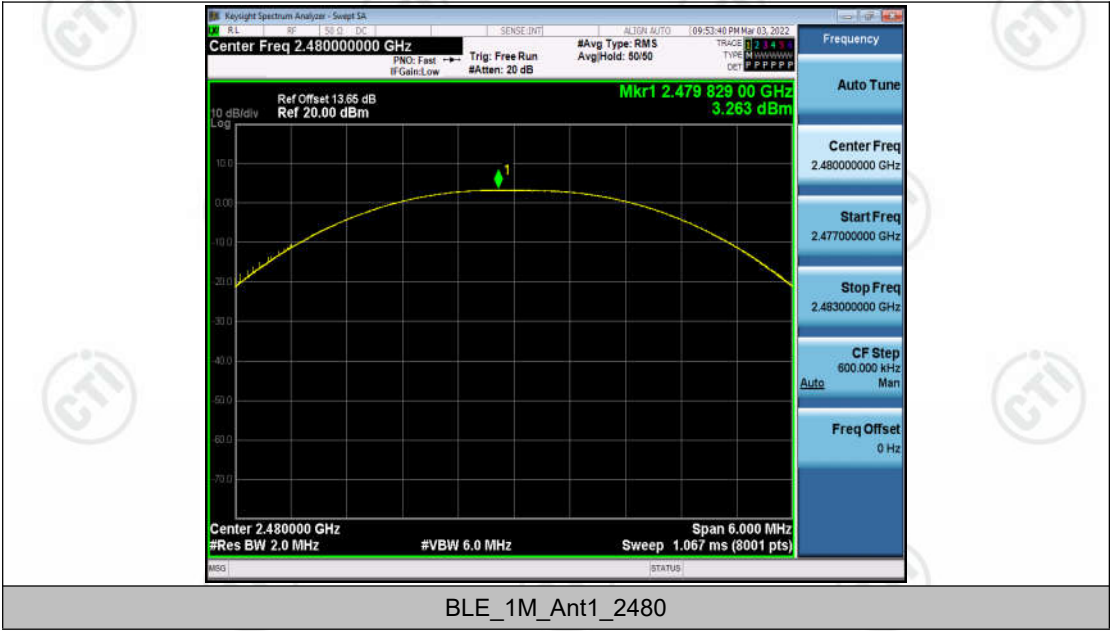
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.31	<=30	PASS
		2440	-0.37	<=30	PASS
		2480	3.26	<=30	PASS

Test Graphs



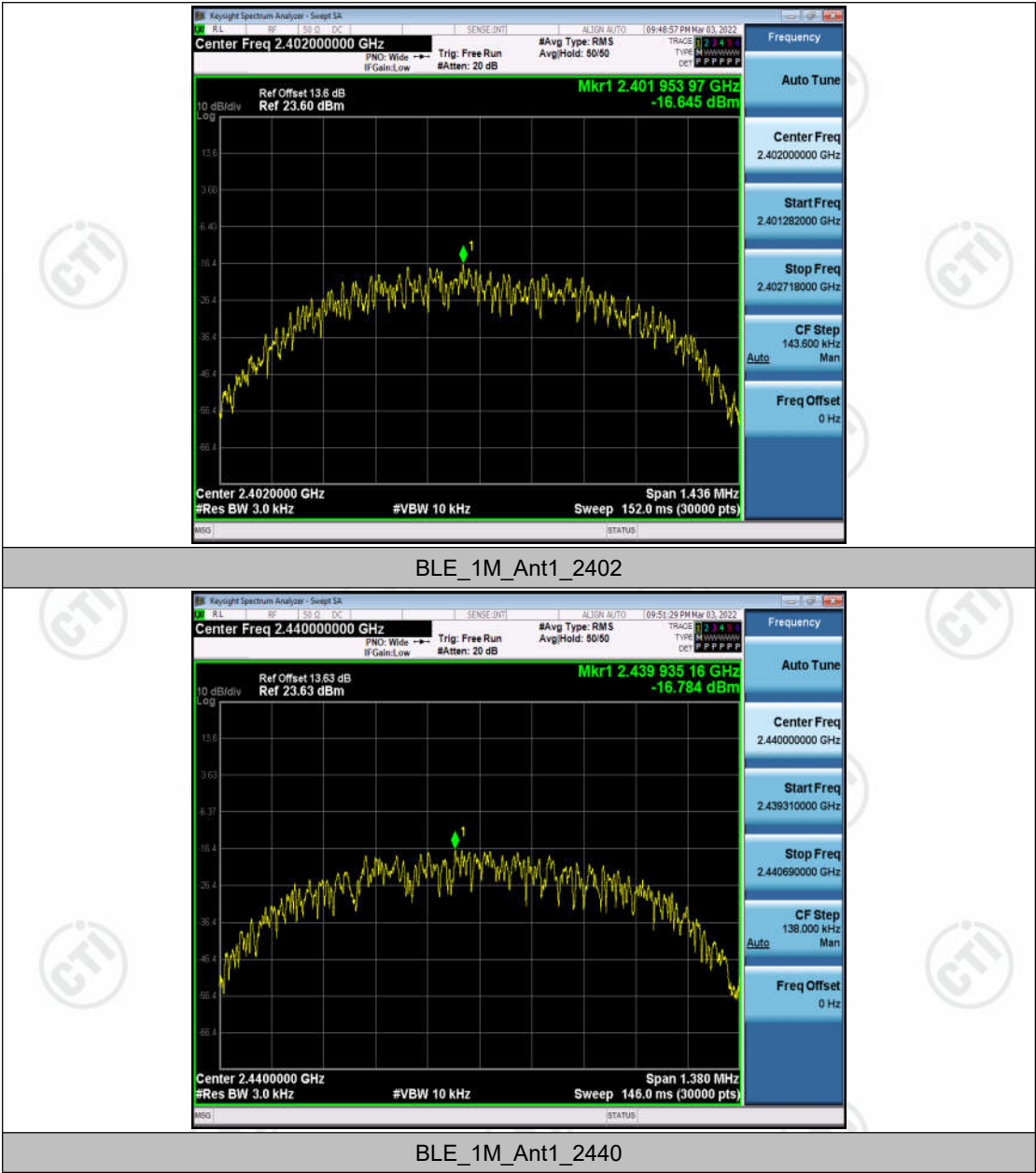


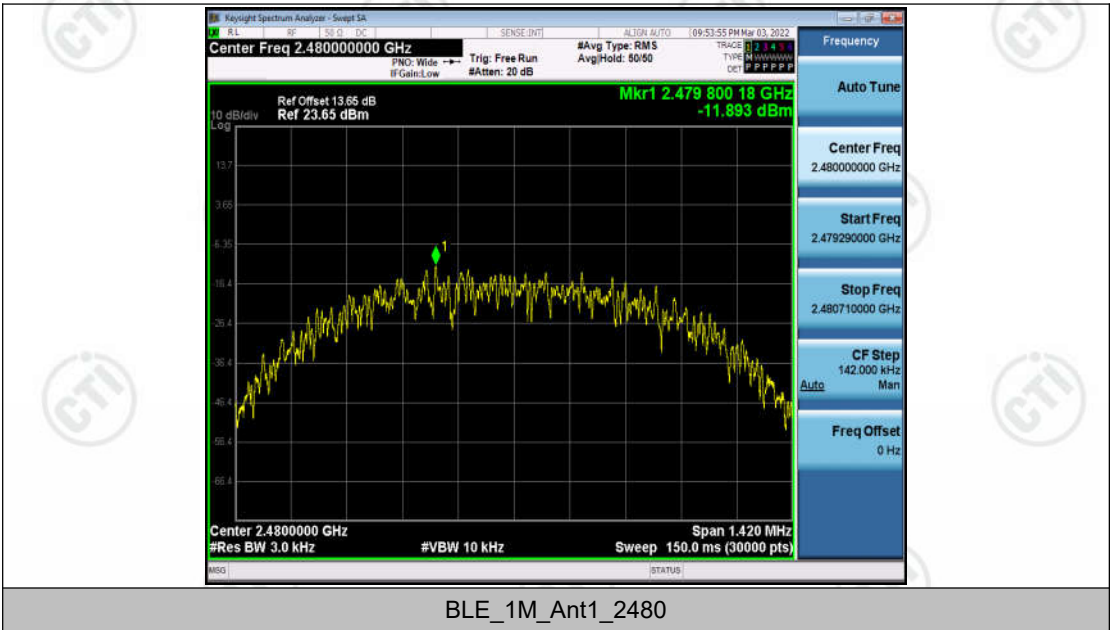
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.65	<=8	PASS
		2440	-16.78	<=8	PASS
		2480	-11.89	<=8	PASS

Test Graphs



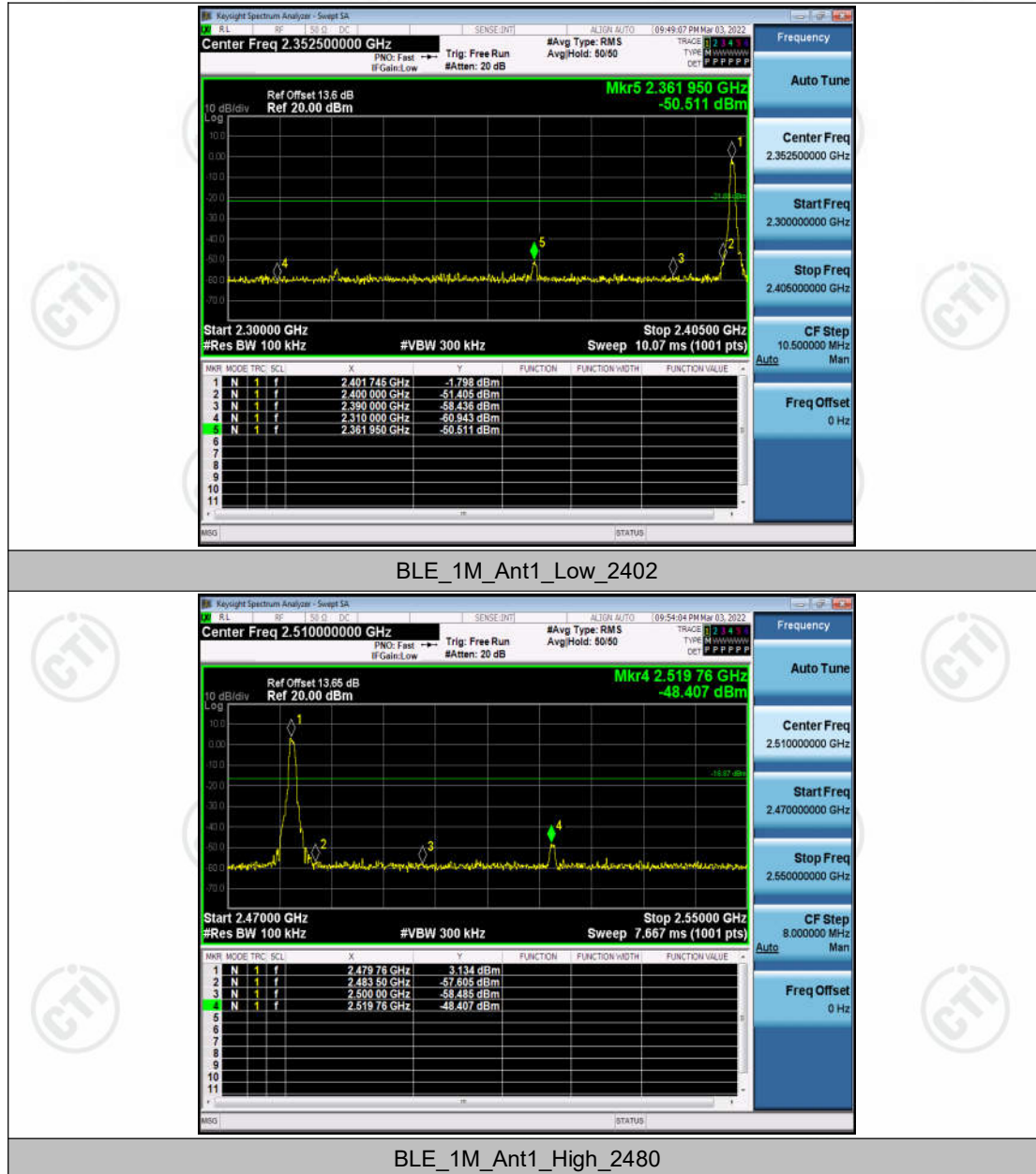


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.80	-50.51	<=-21.8	PASS
		High	2480	3.13	-48.41	<=-16.87	PASS

Test Graphs

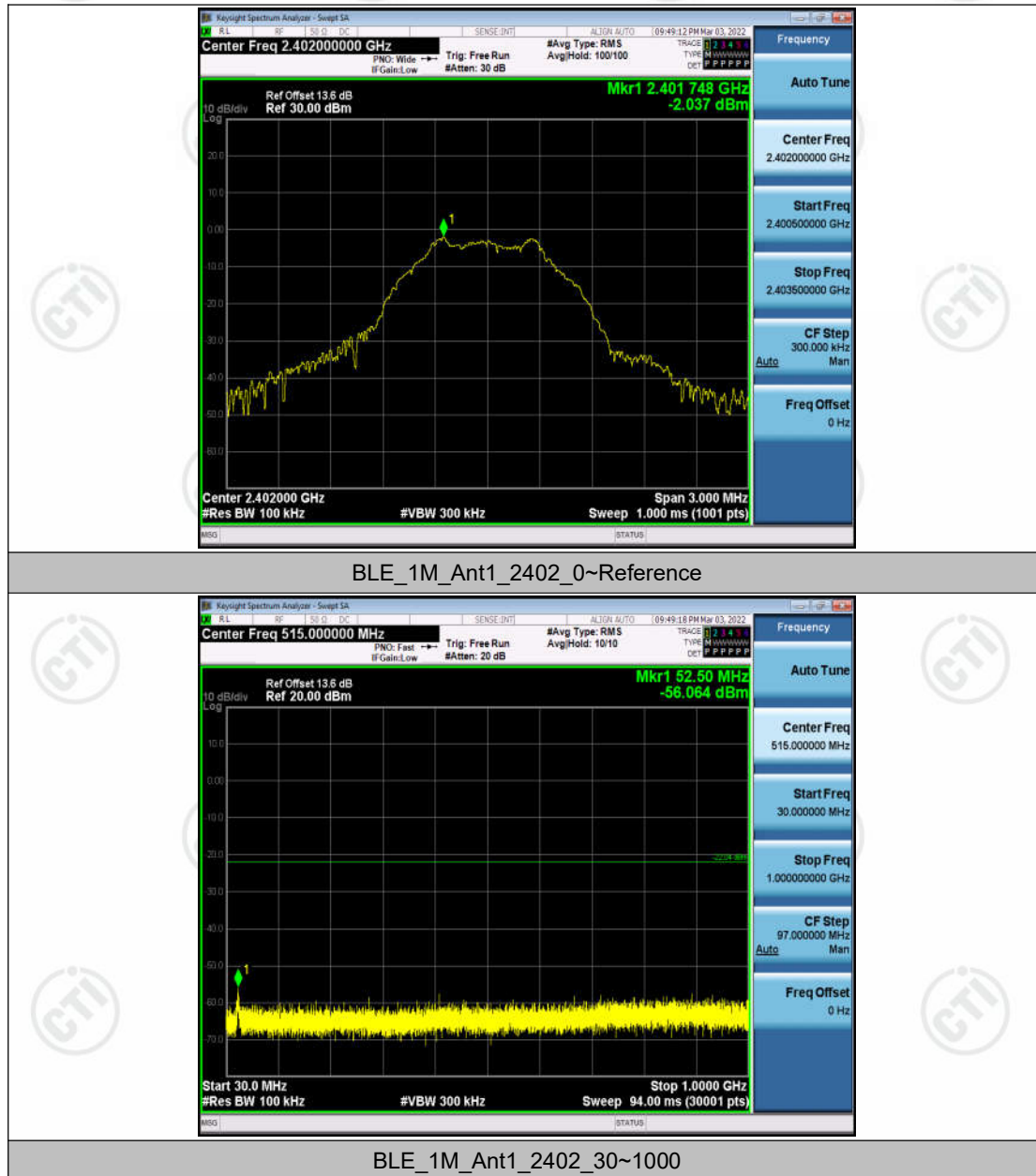


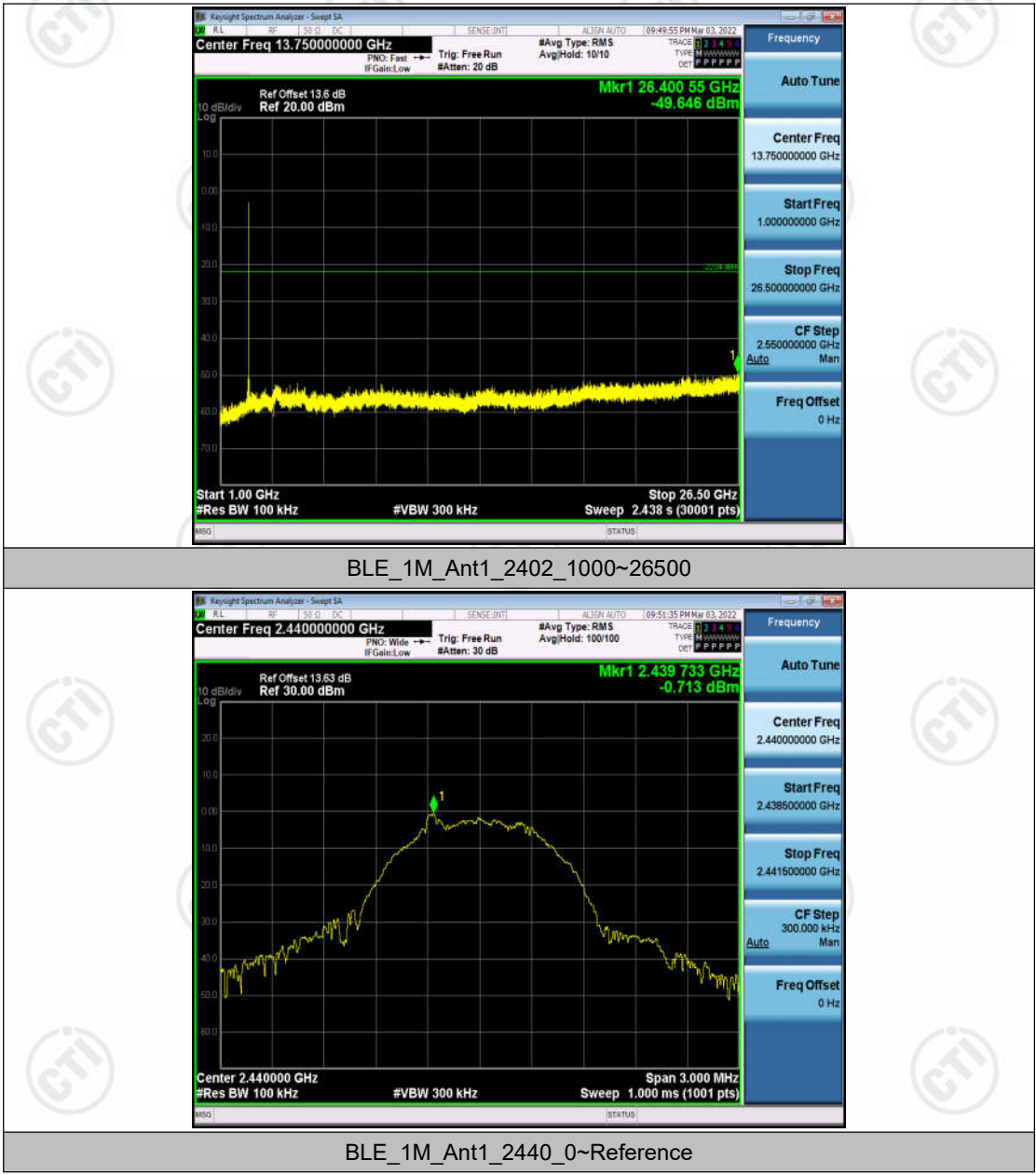
Appendix F: Conducted Spurious Emission

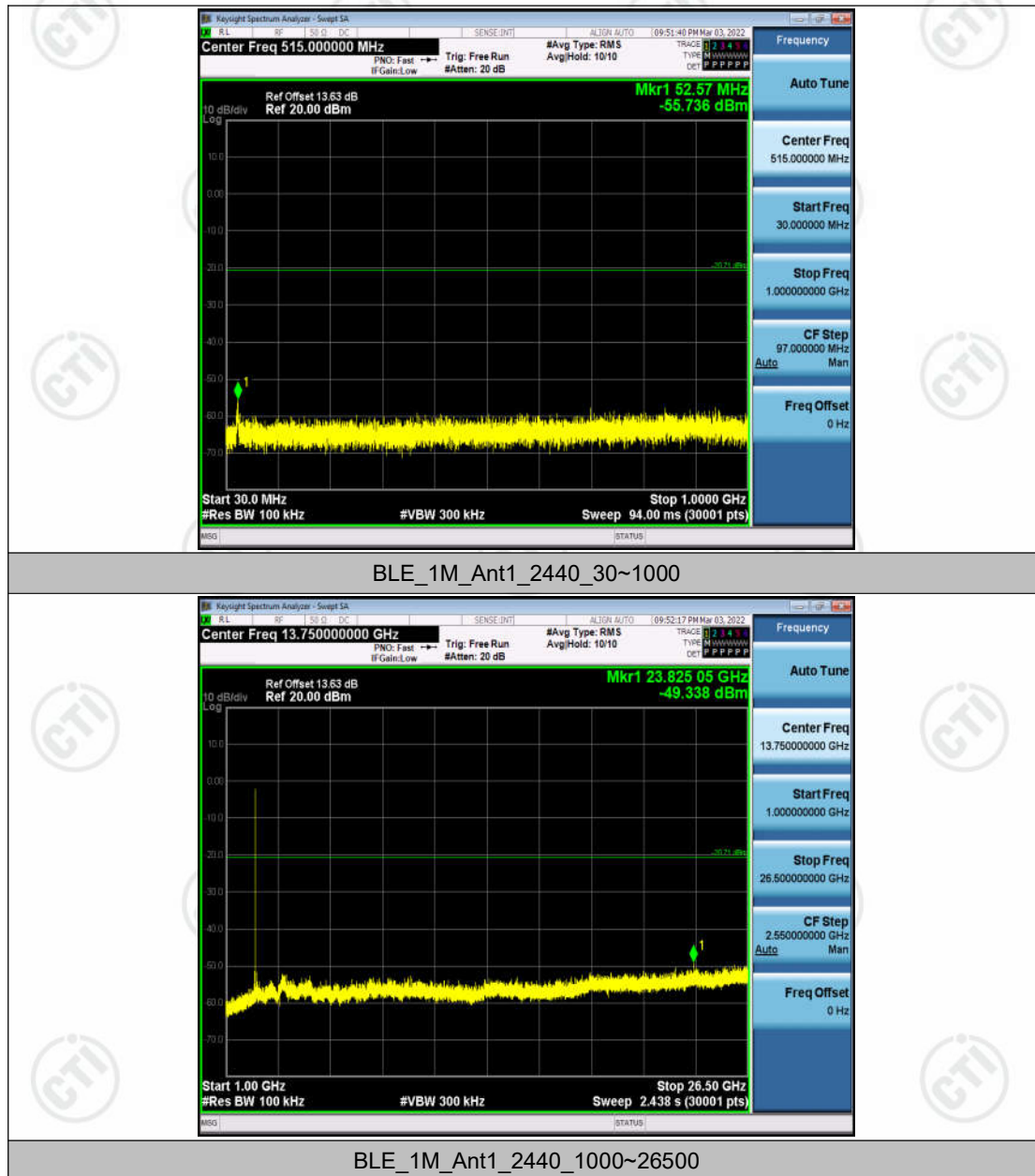
Test Result

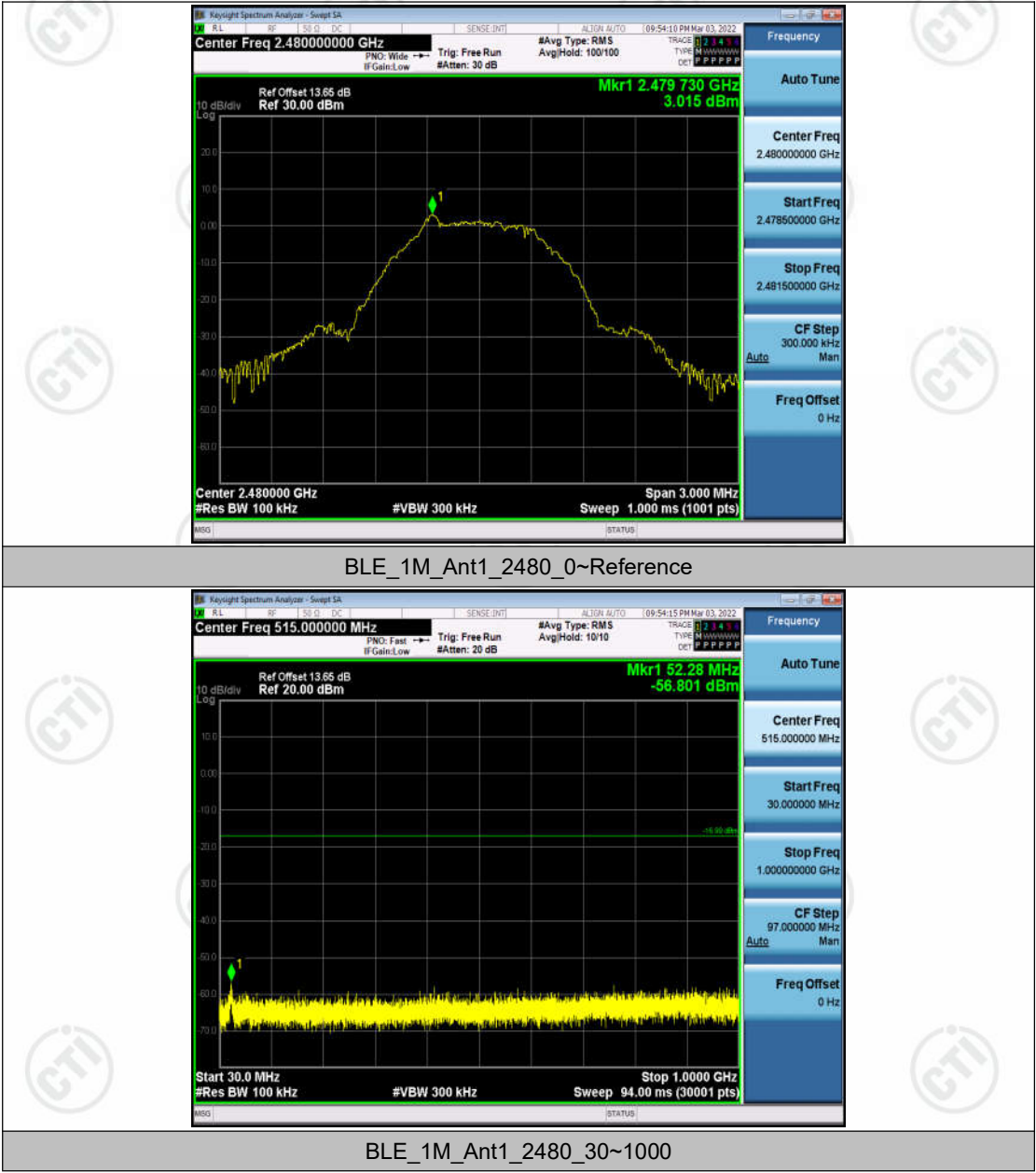
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.04	-2.04	---	PASS
			30~1000	30~1000	-56.064	<=-22.037	PASS
			1000~26500	1000~26500	-49.646	<=-22.037	PASS
		2440	Reference	-0.71	-0.71	---	PASS
			30~1000	30~1000	-55.736	<=-20.713	PASS
			1000~26500	1000~26500	-49.338	<=-20.713	PASS
		2480	Reference	3.02	3.02	---	PASS
			30~1000	30~1000	-56.801	<=-16.985	PASS
			1000~26500	1000~26500	-48.953	<=-16.985	PASS

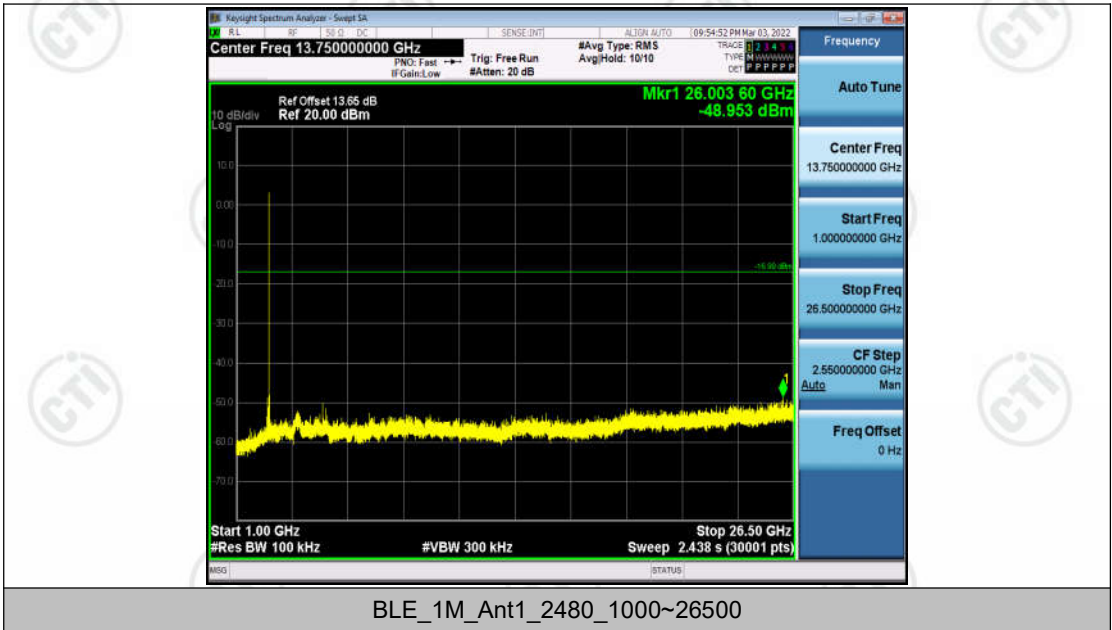
Test Graphs









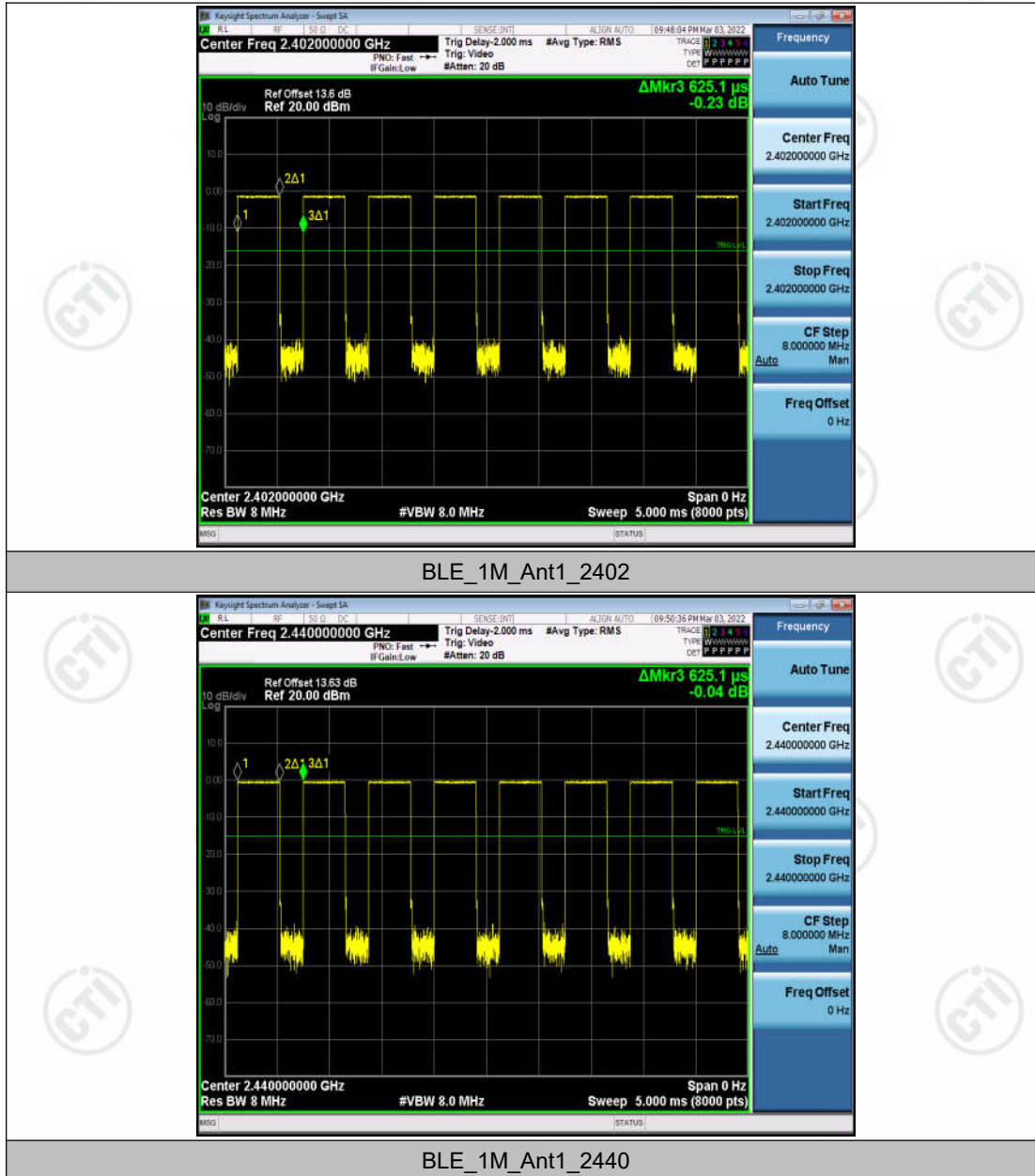


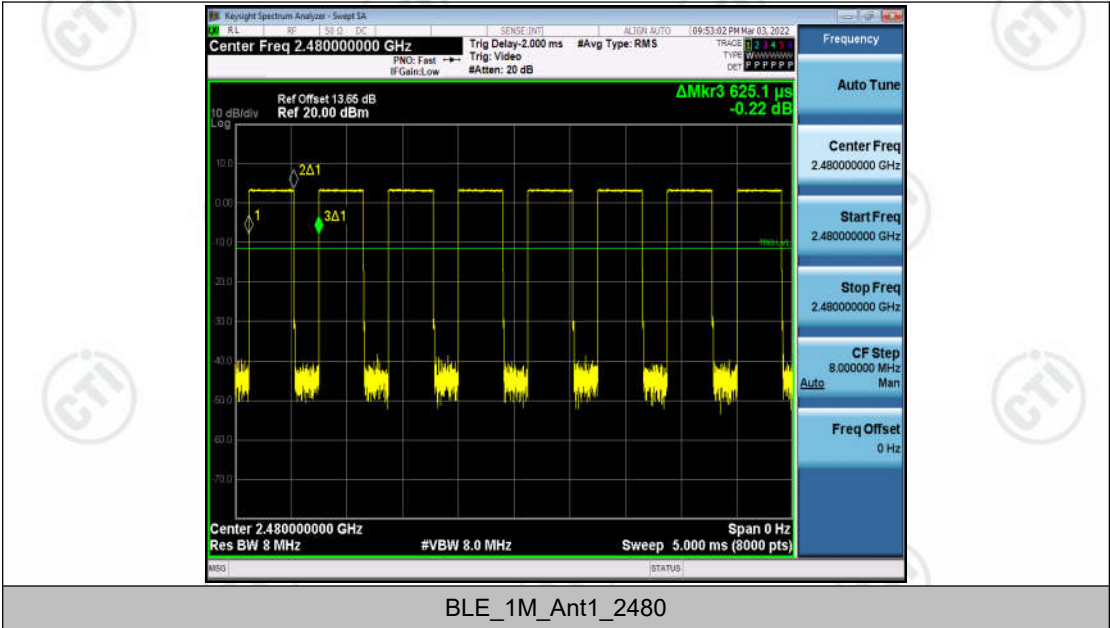
Appendix G: Duty Cycle

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





*** End of Report ***