

Appendix: Bluetooth LE

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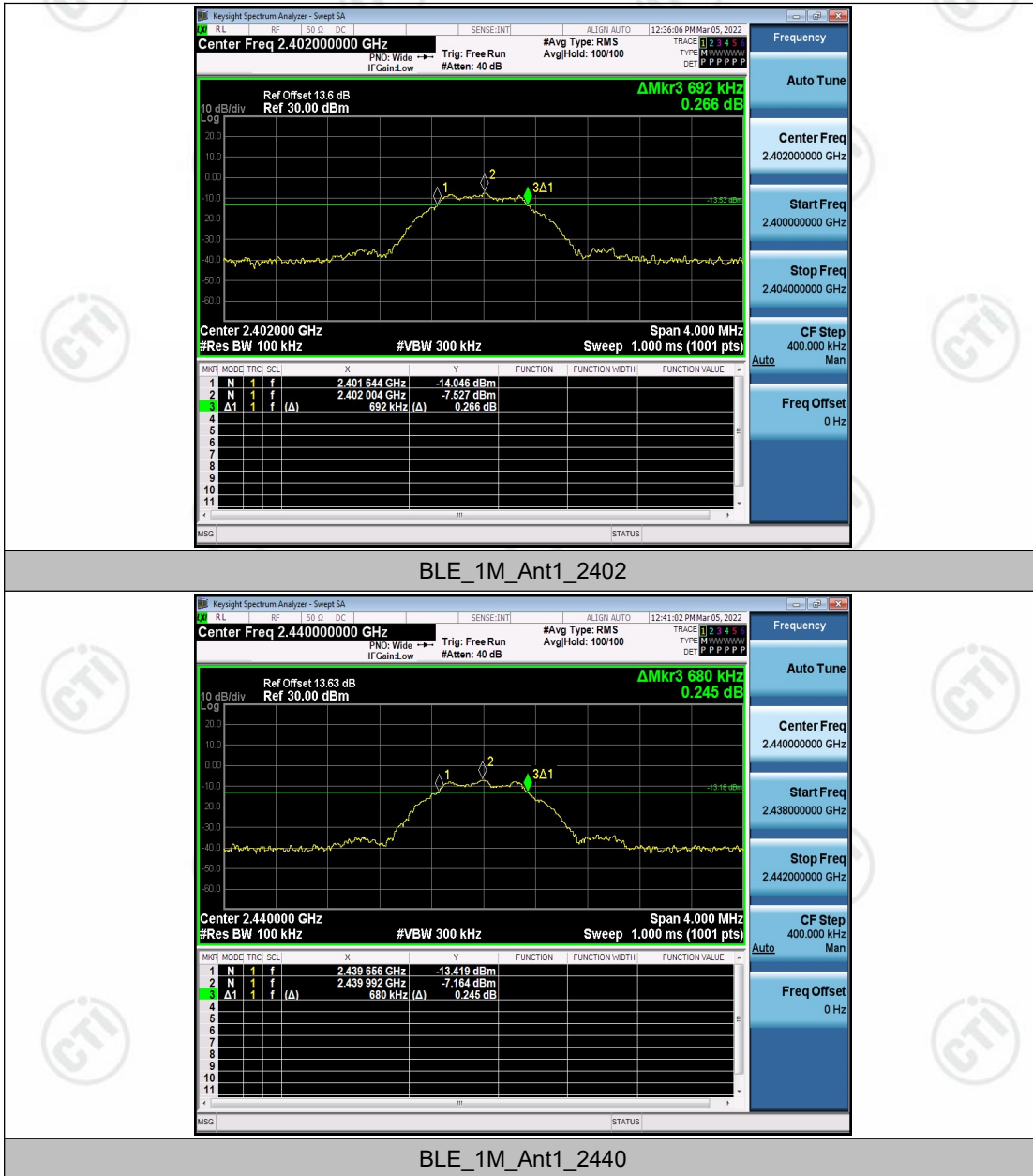
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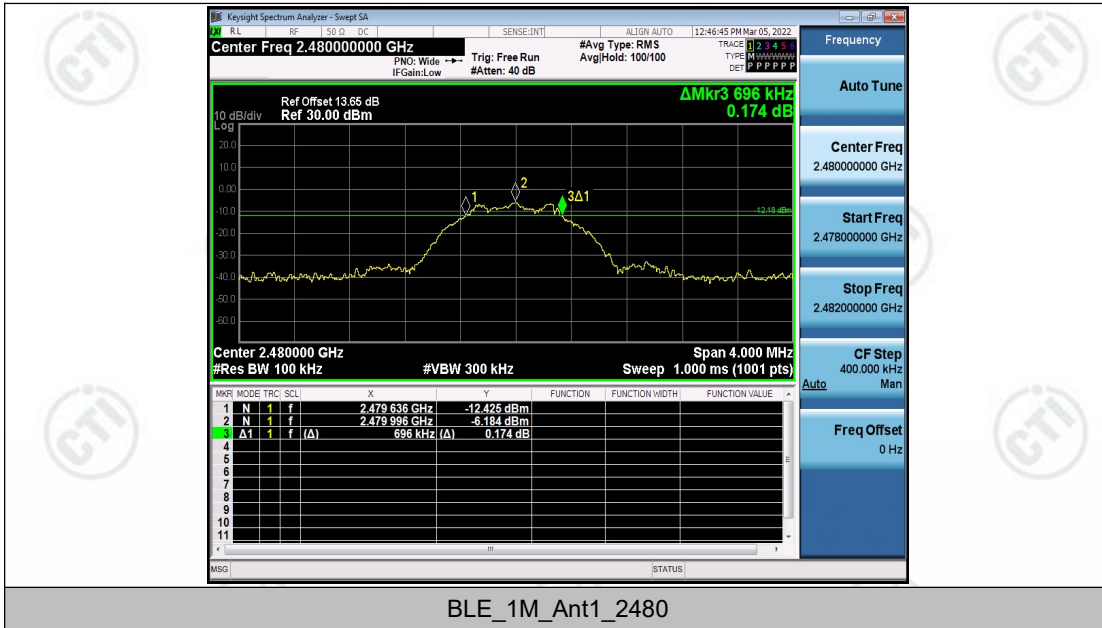
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.644	2402.336	0.5	PASS
		2440	0.680	2439.656	2440.336	0.5	PASS
		2480	0.696	2479.636	2480.332	0.5	PASS

Test Graphs



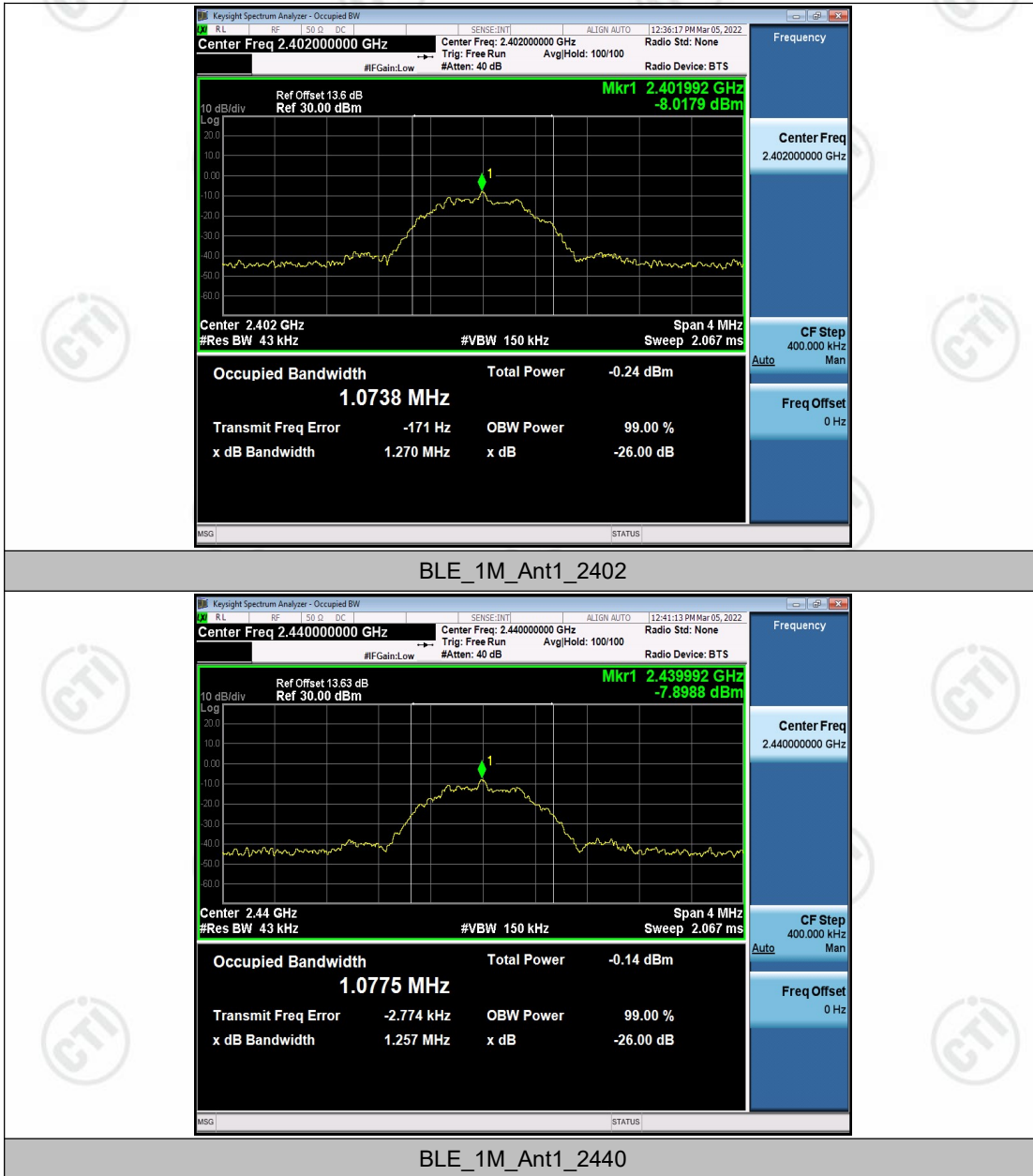


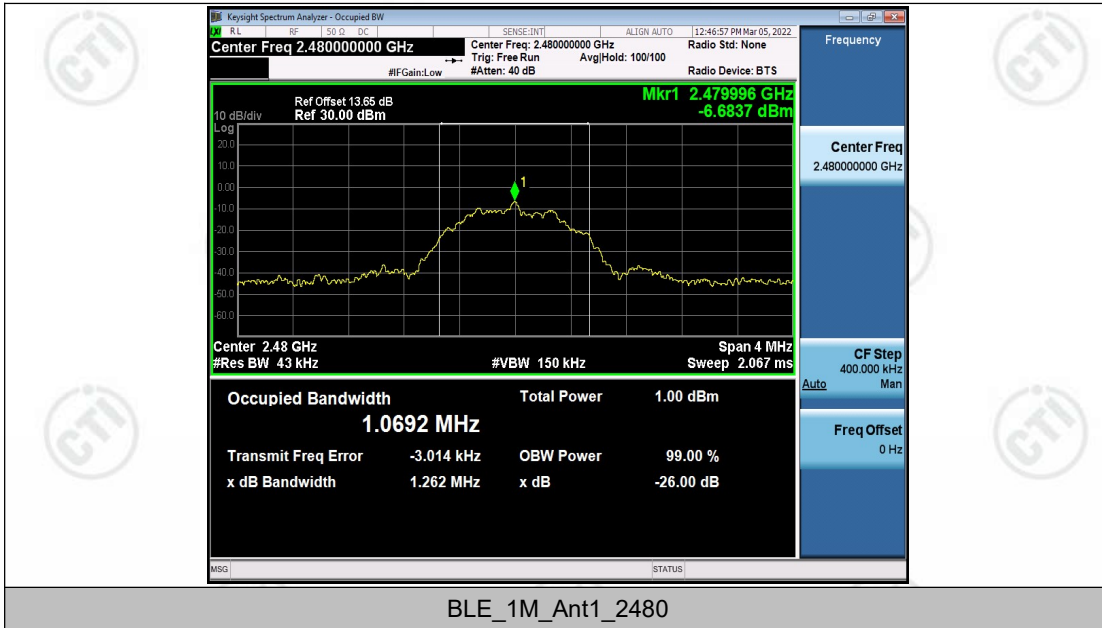
BLE_1M_Ant1_2480

Appendix B: Occupied Channel Bandwidth**Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0738	2401.463	2402.537	---	PASS
		2440	1.0775	2439.458	2440.536	---	PASS
		2480	1.0692	2479.462	2480.532	---	PASS

Test Graphs





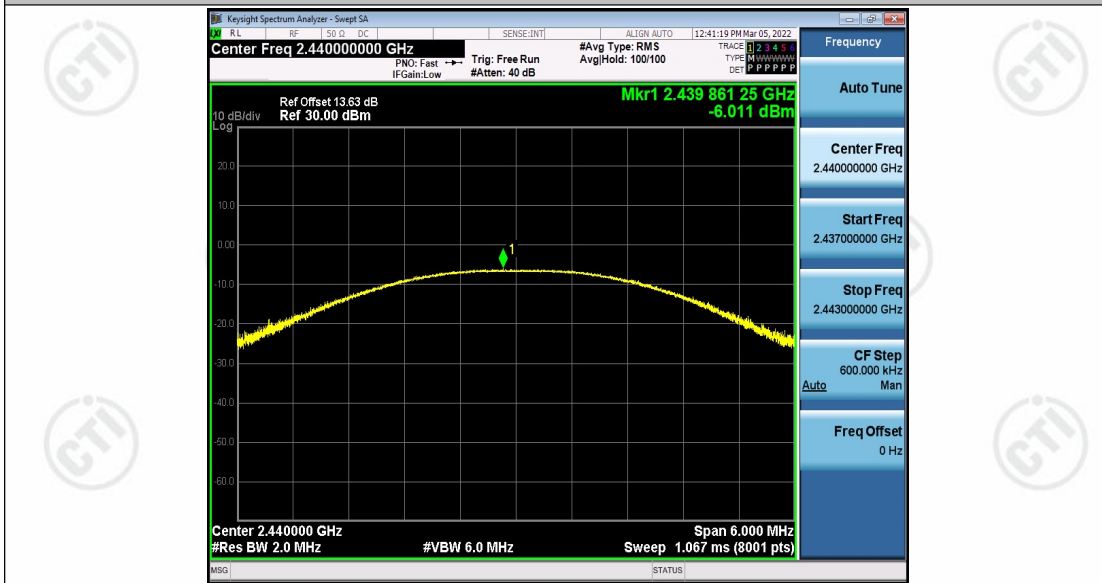
Appendix C: Maximum conducted output power**Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-6.15	<=30	PASS
		2440	-6.01	<=30	PASS
		2480	-5.15	<=30	PASS

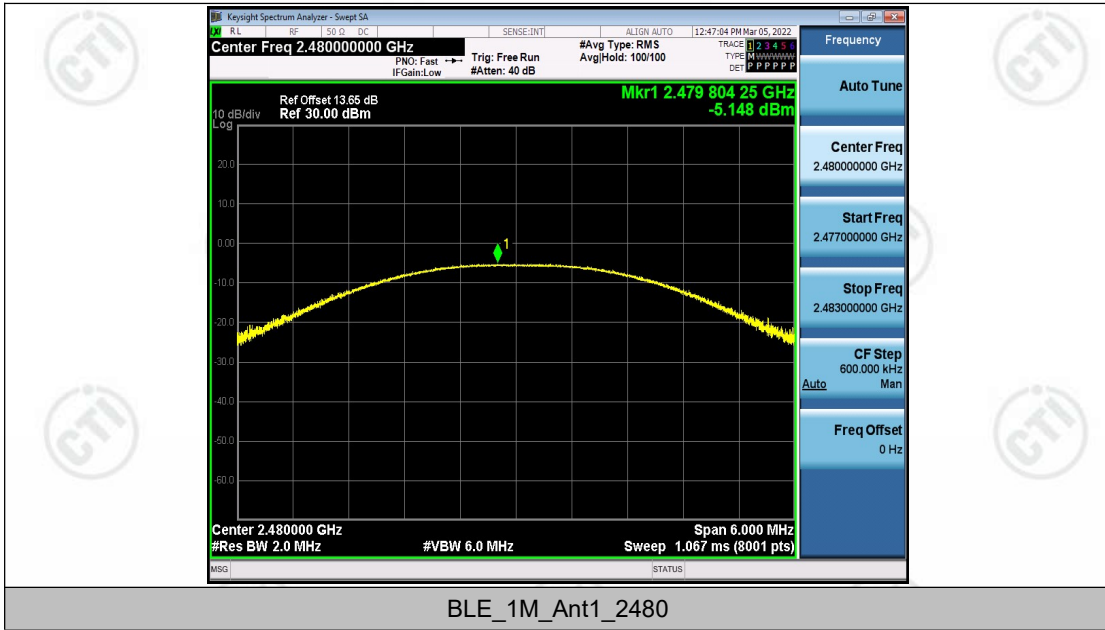
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



Appendix D: Maximum power spectral density

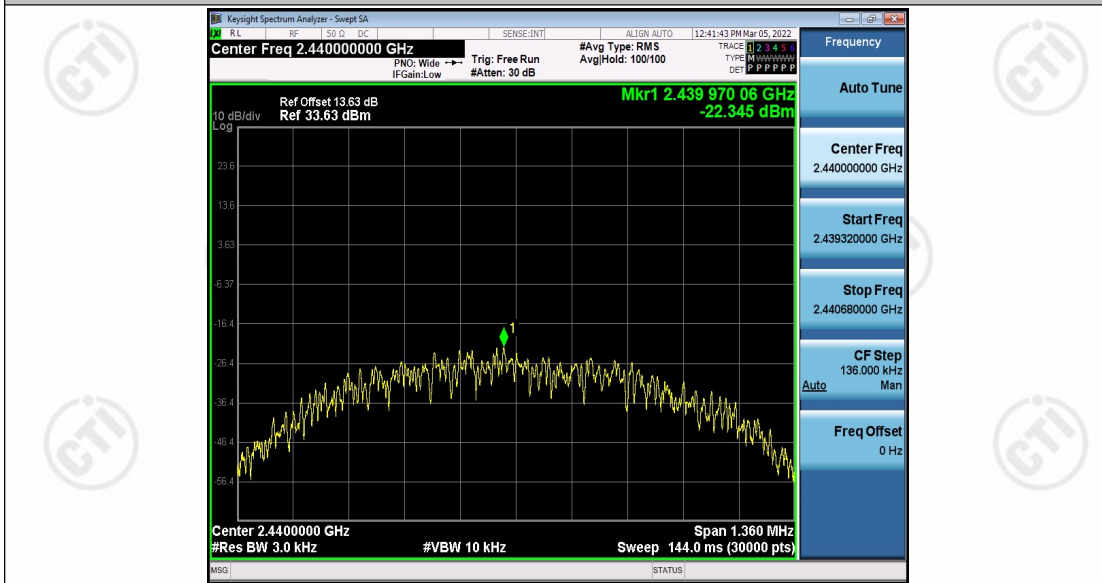
Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-22.51	<=8	PASS
		2440	-22.35	<=8	PASS
		2480	-21.48	<=8	PASS

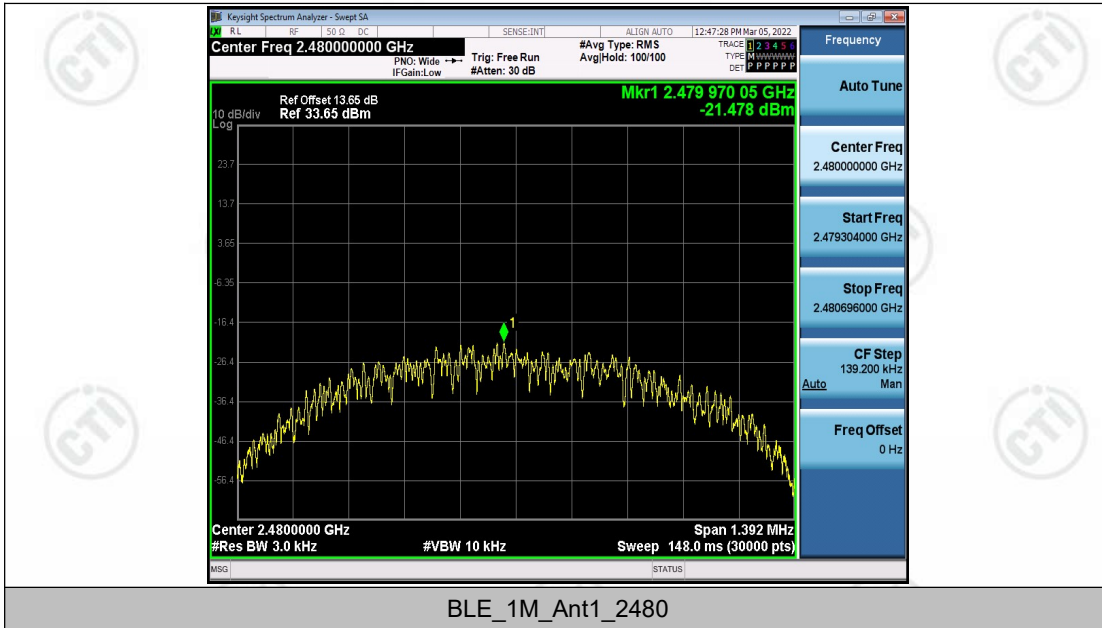
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

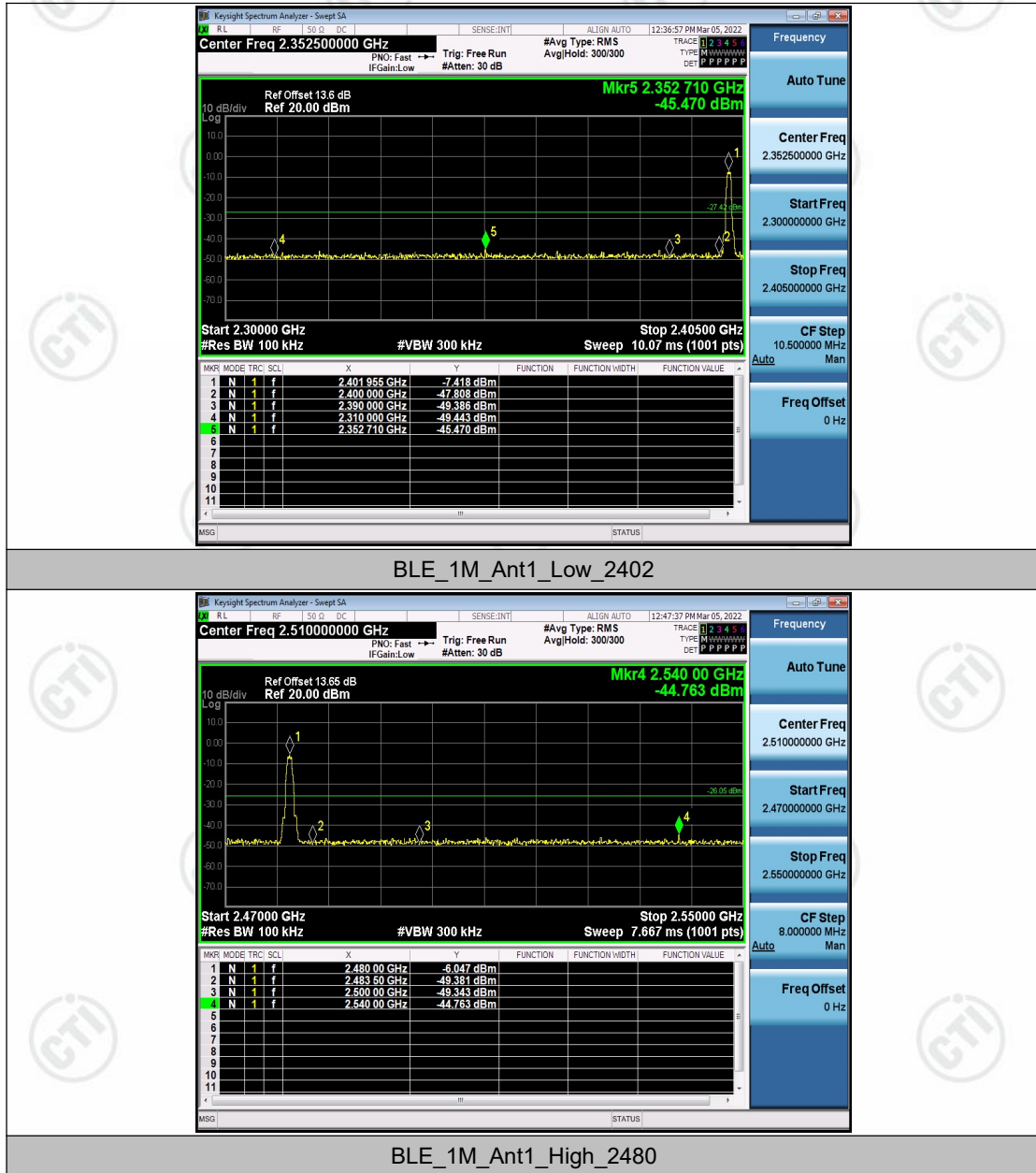


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-7.42	-45.47	<=-27.42	PASS
		High	2480	-6.05	-44.76	<=-26.05	PASS

Test Graphs

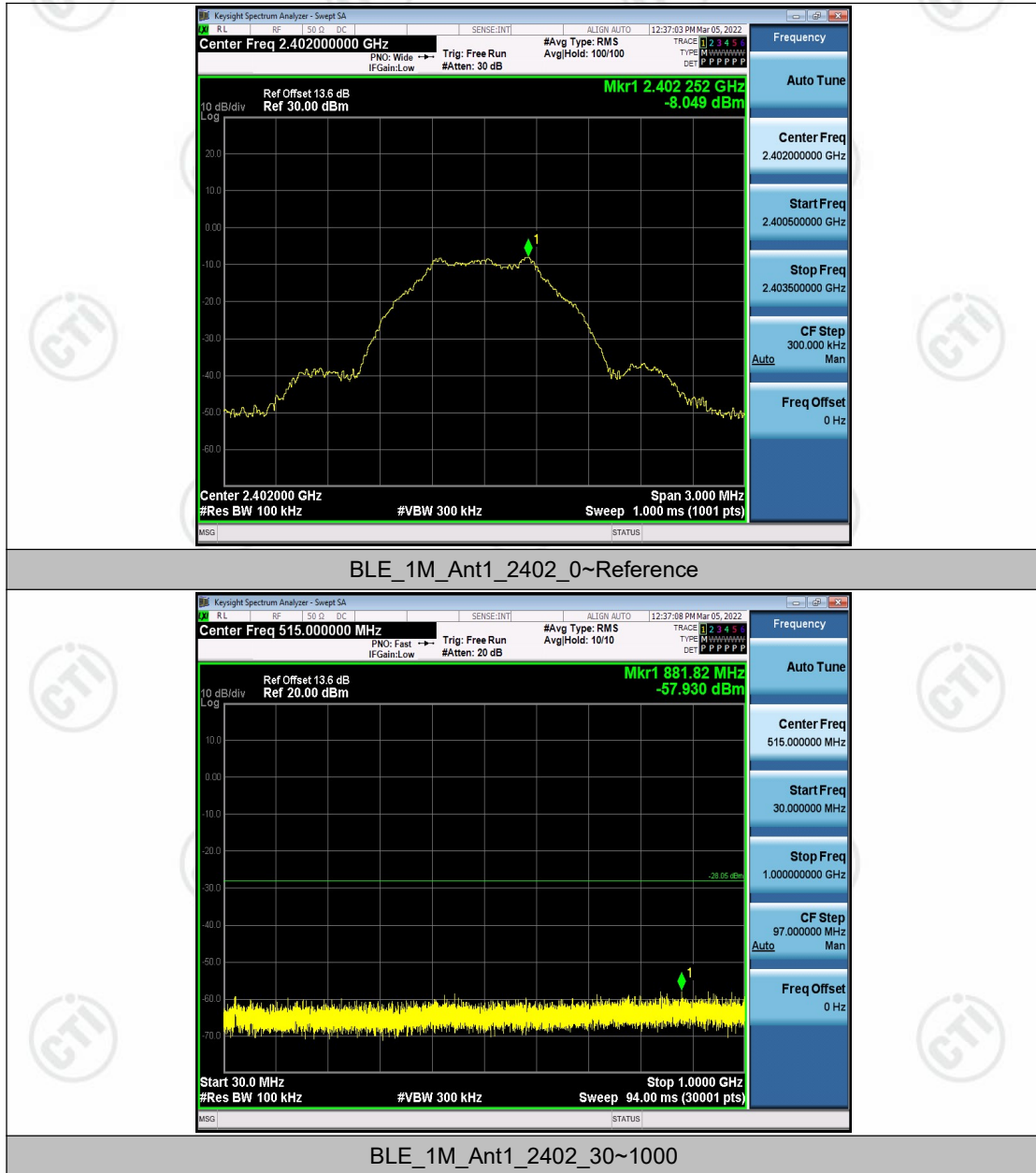


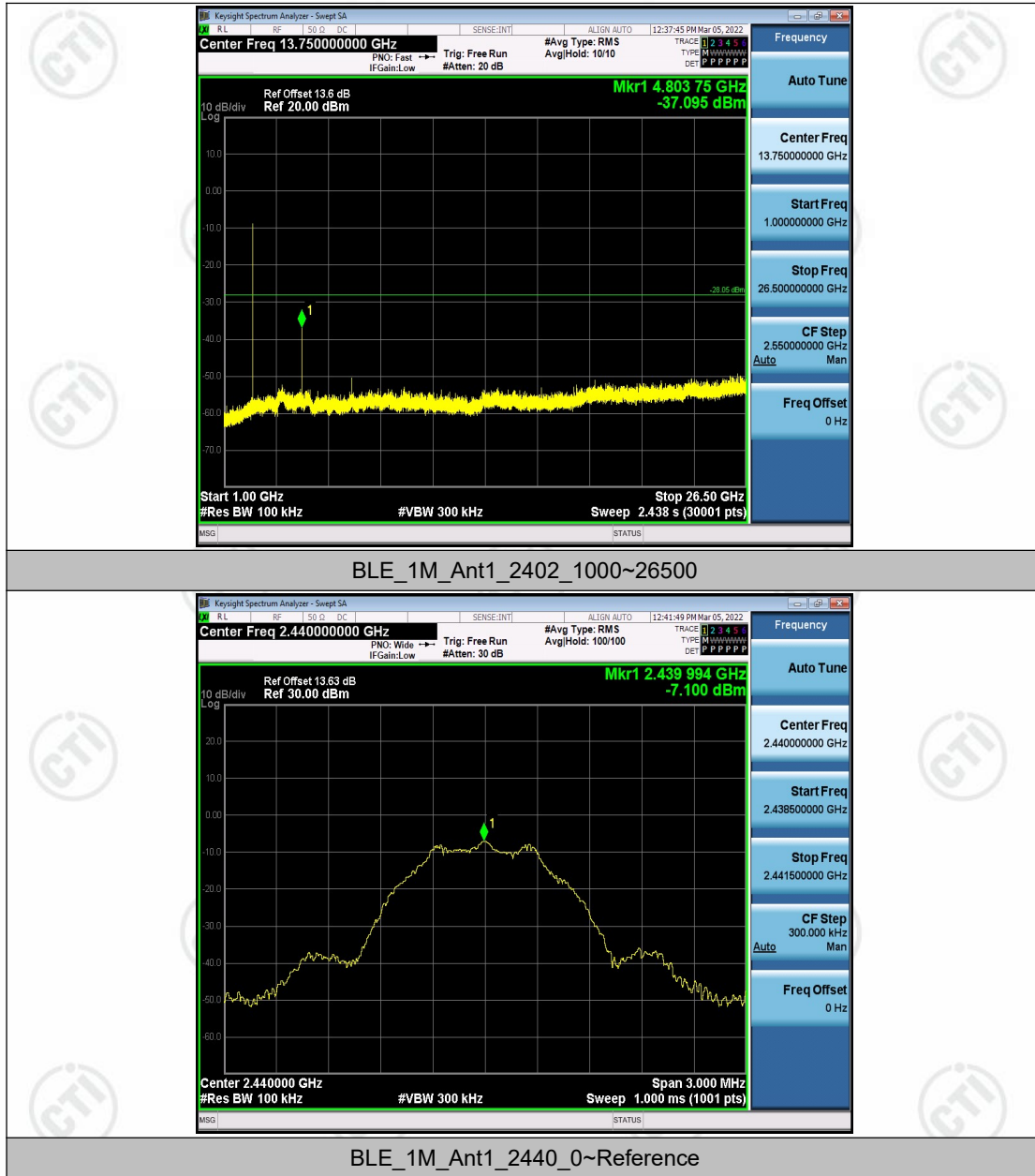
Appendix F: Conducted Spurious Emission

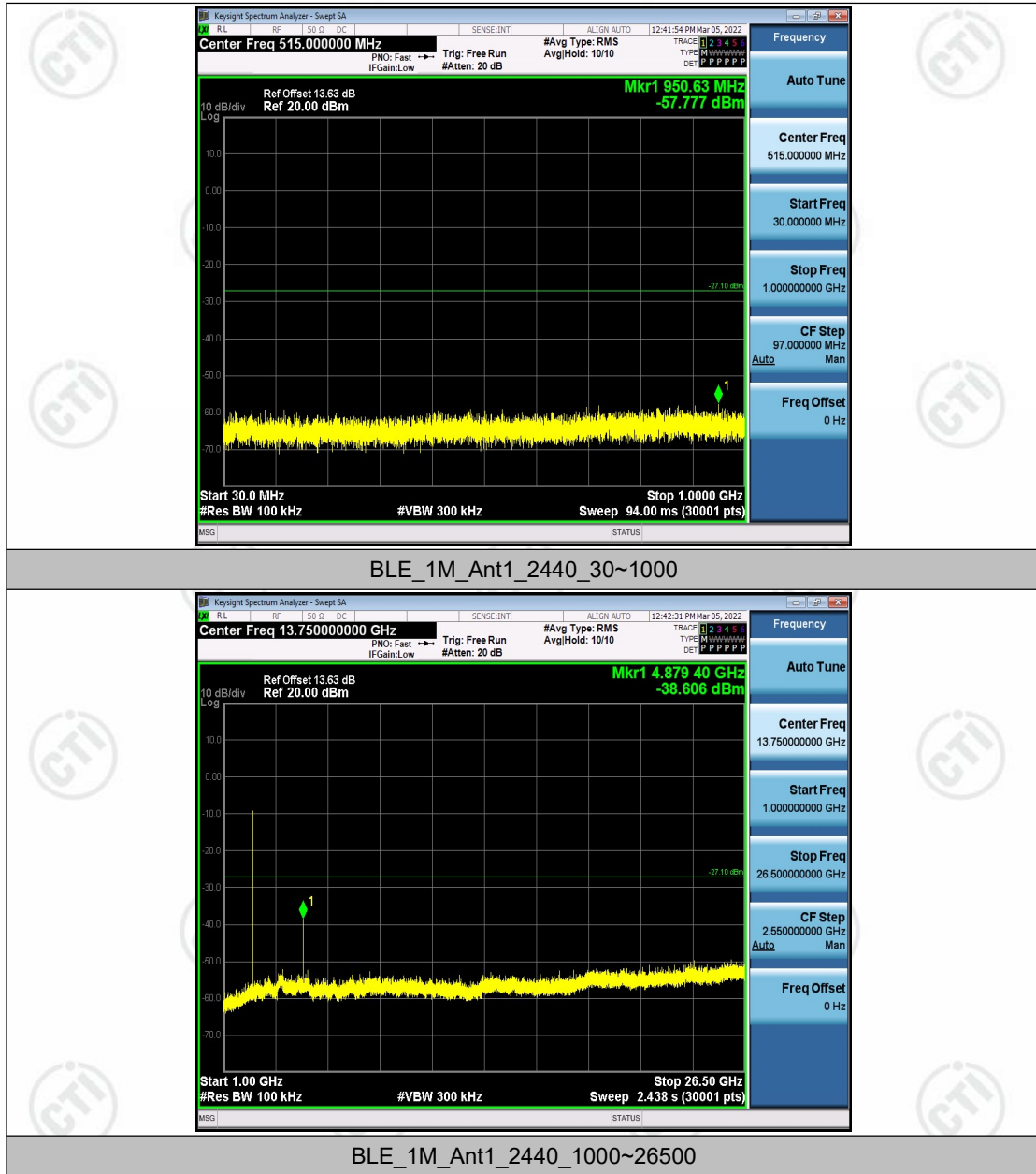
Test Result

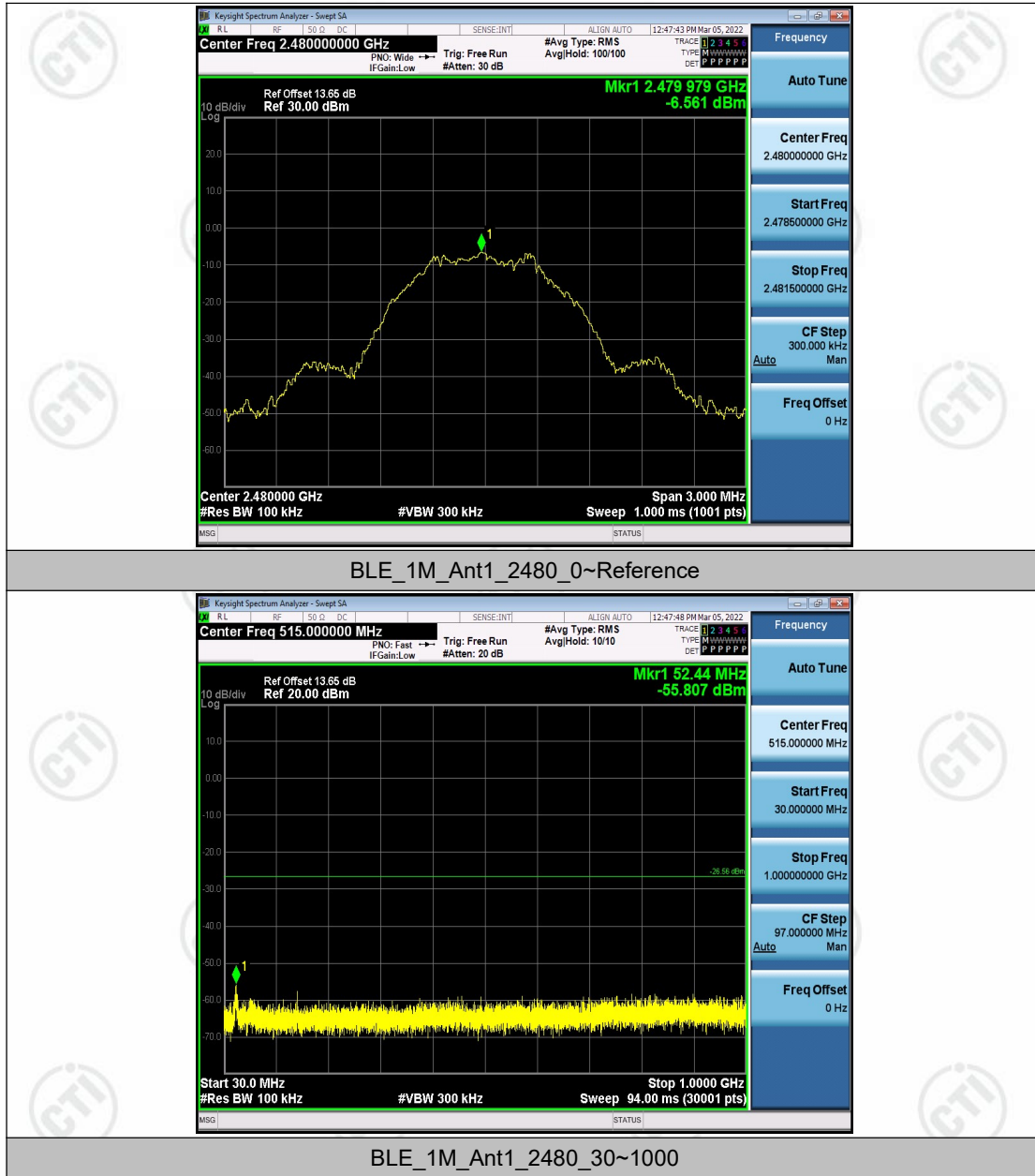
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-8.05	-8.05	---	PASS
			30~1000	---	-57.93	<=-28.049	PASS
			1000~26500	---	-37.095	<=-28.049	PASS
		2440	Reference	-7.10	-7.10	---	PASS
			30~1000	---	-57.777	<=-27.1	PASS
			1000~26500	---	-38.606	<=-27.1	PASS
		2480	Reference	-6.56	-6.56	---	PASS
			30~1000	---	-55.807	<=-26.561	PASS
			1000~26500	---	-36.503	<=-26.561	PASS

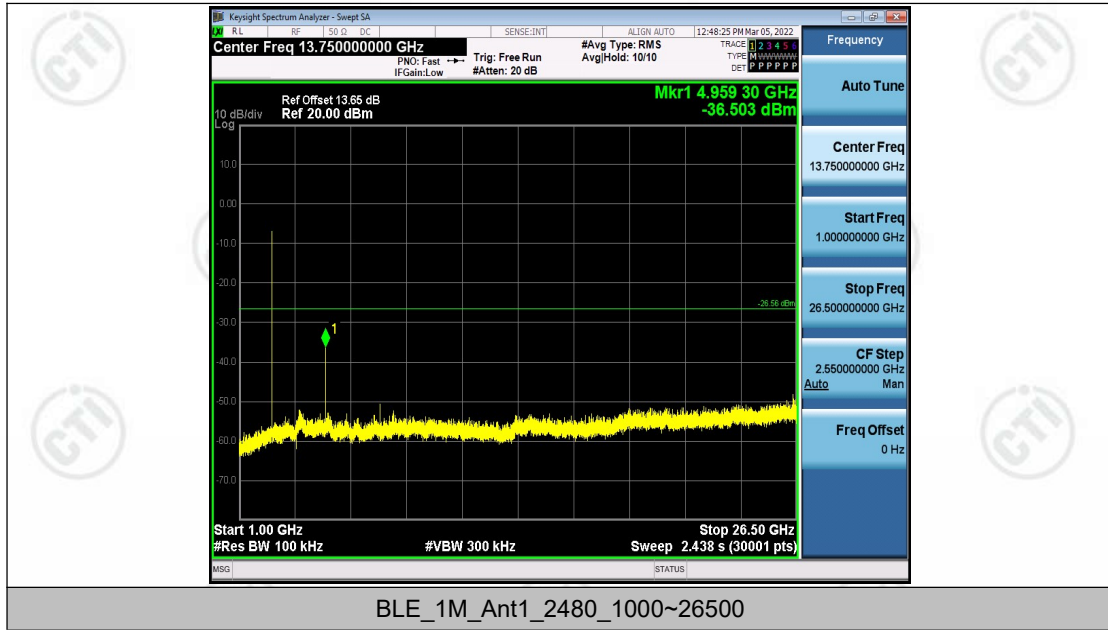
Test Graphs









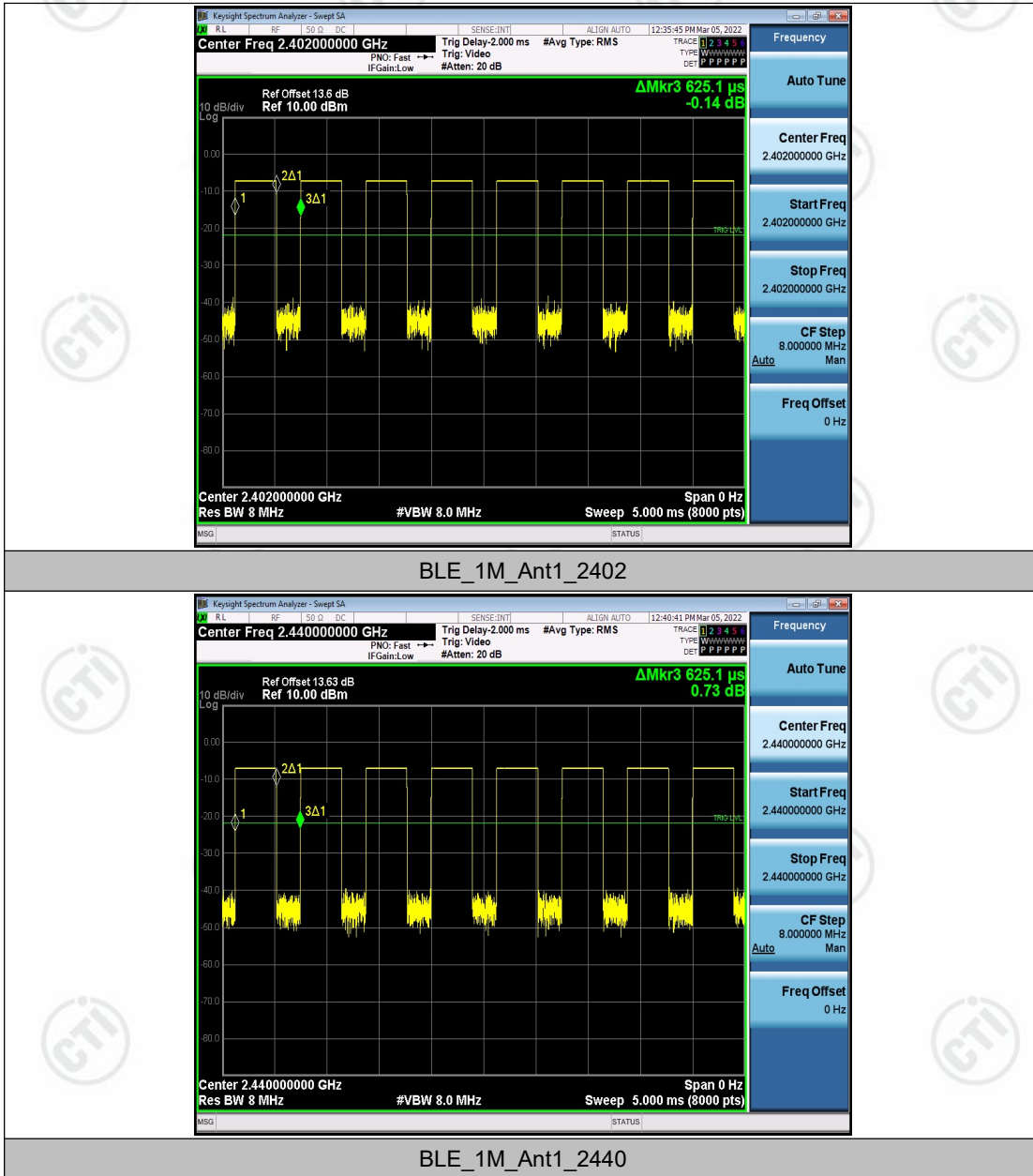


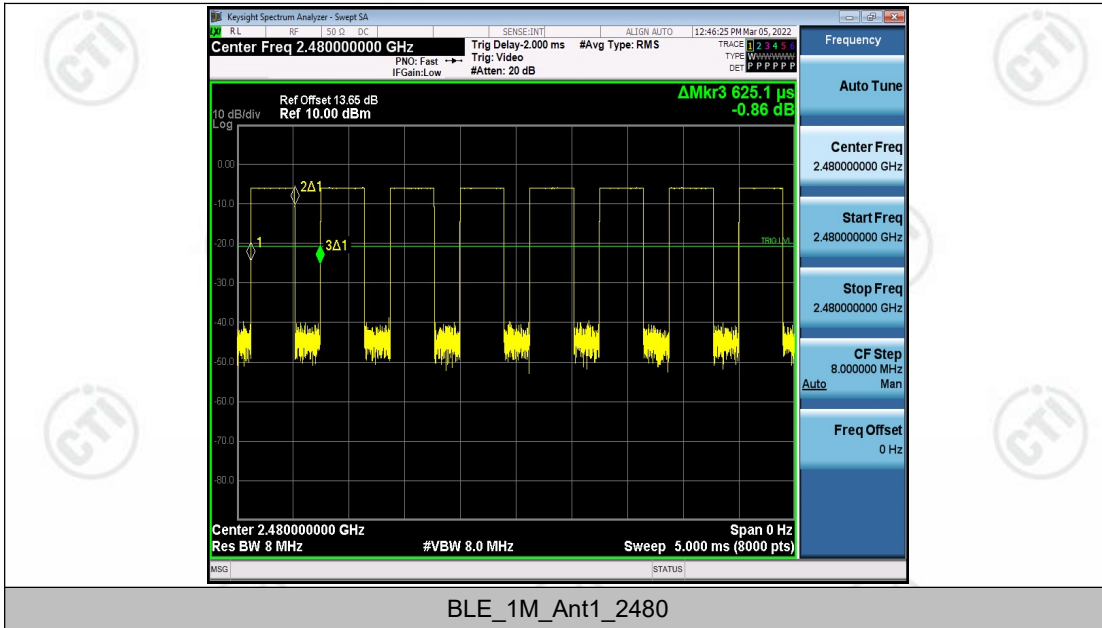
BLE_1M_Ant1_2480_1000~26500

Appendix G: Duty Cycle**Test Result**

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.63	63.00	---	PASS
		2440	0.39	0.63	63.10	---	PASS
		2480	0.39	0.63	63.10	---	PASS

Test Graphs





*** End of Report ***