

Appendix: Bluetooth LE

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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	0.660	2401.710	2402.370	0.5	PASS
		2440	0.648	2439.714	2440.362	0.5	PASS
		2480	0.644	2479.722	2480.366	0.5	PASS

Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



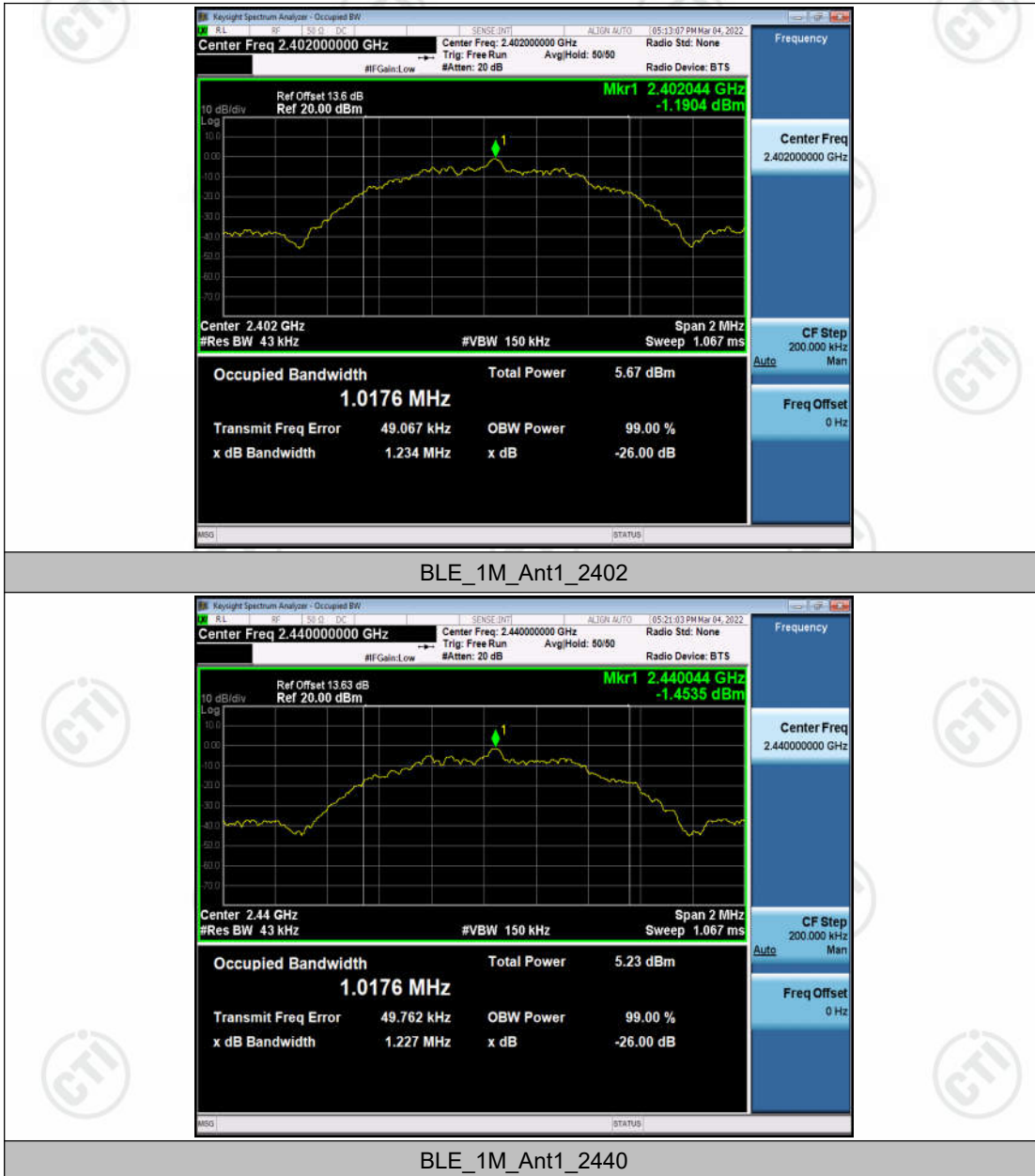
BLE_1M_Ant1_2480

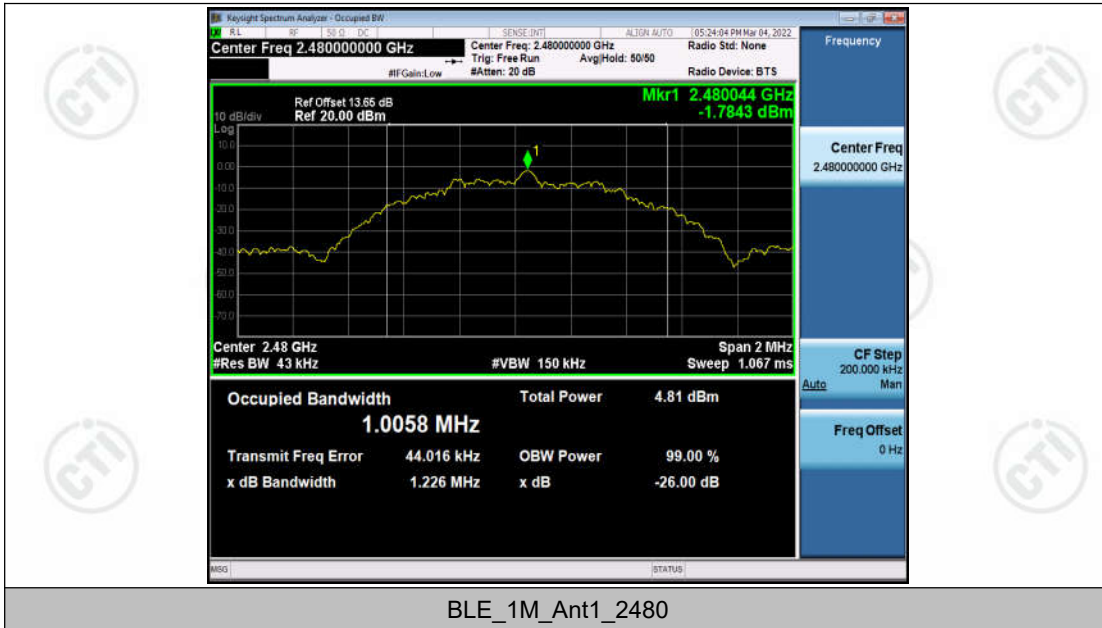
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0176	2401.540	2402.558	---	PASS
		2440	1.0176	2439.541	2440.559	---	PASS
		2480	1.0058	2479.541	2480.547	---	PASS

Test Graphs





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

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.95	<=30	PASS
		2440	-1.49	<=30	PASS
		2480	-1.78	<=30	PASS

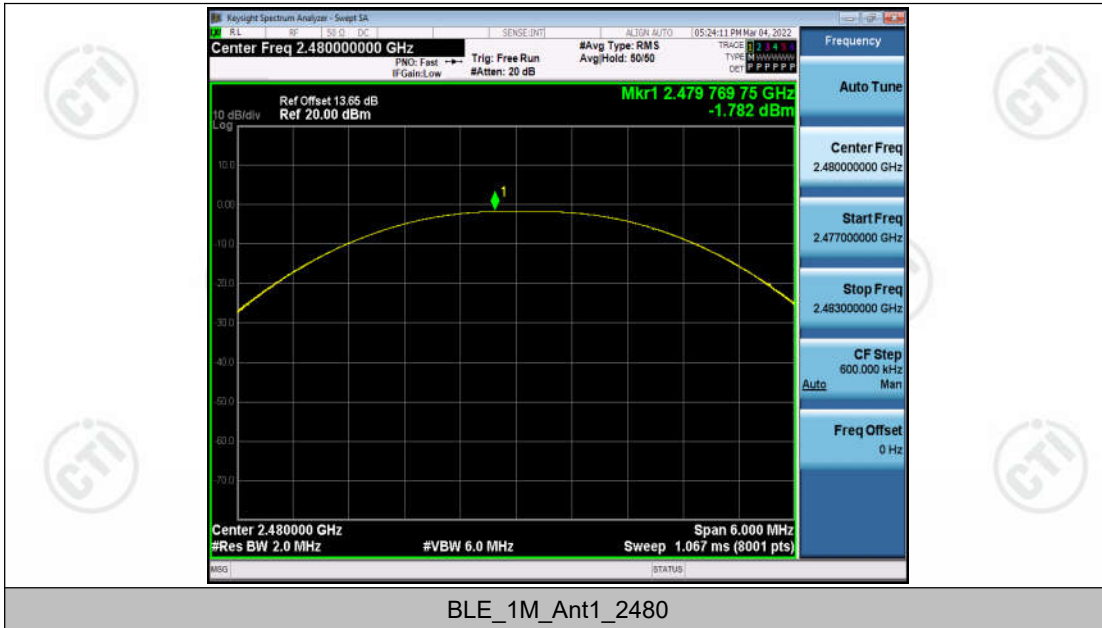
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

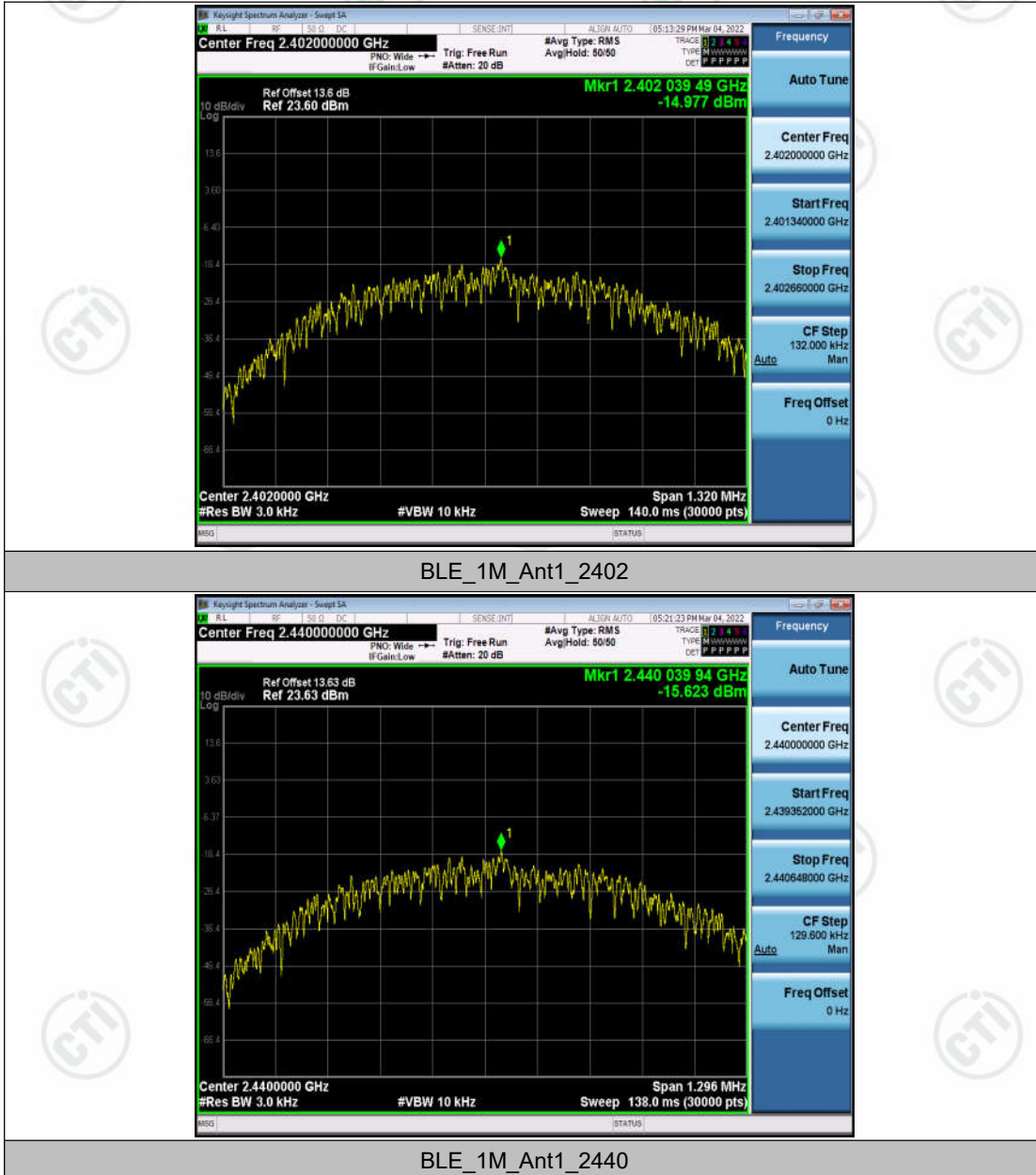


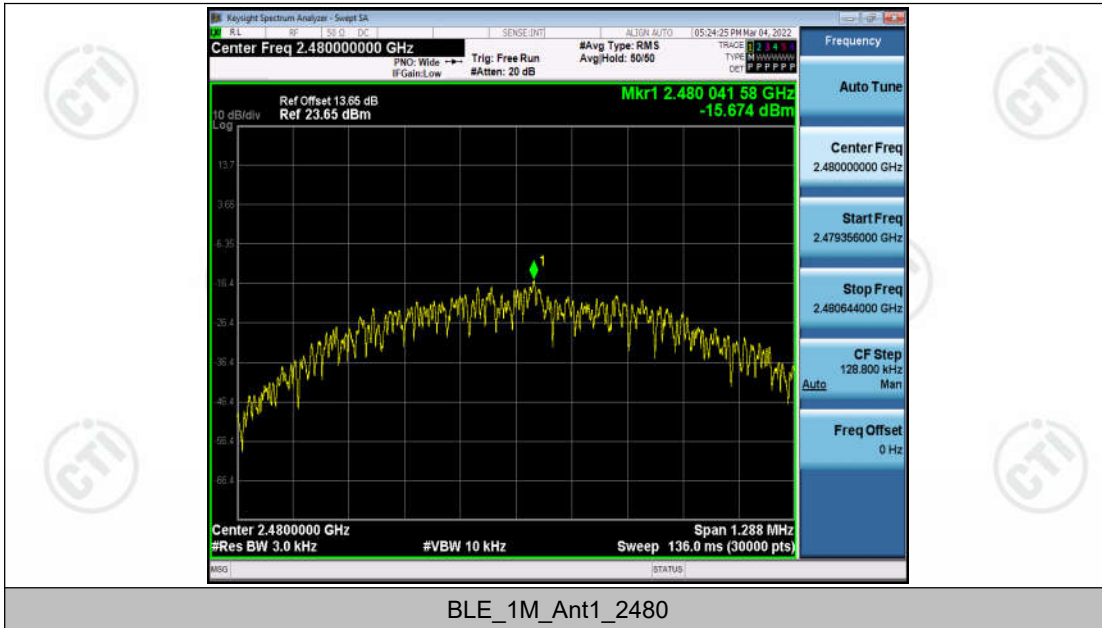
BLE_1M_Ant1_2480

Appendix D: Maximum power spectral density**Test Result**

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.98	<=8	PASS
		2440	-15.62	<=8	PASS
		2480	-15.67	<=8	PASS

Test Graphs



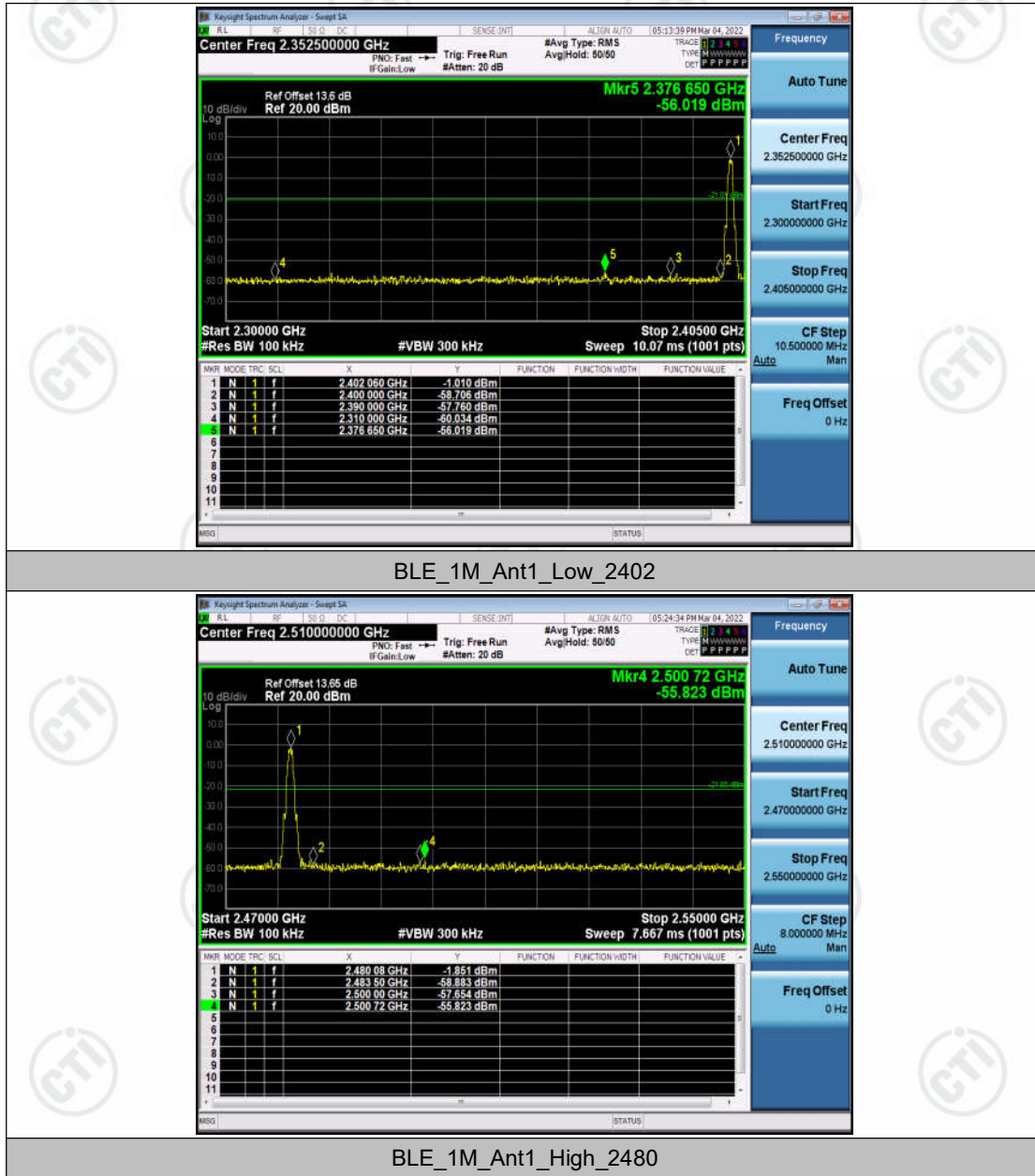


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.01	-56.02	<=-21.01	PASS
		High	2480	-1.85	-55.82	<=-21.85	PASS

Test Graphs

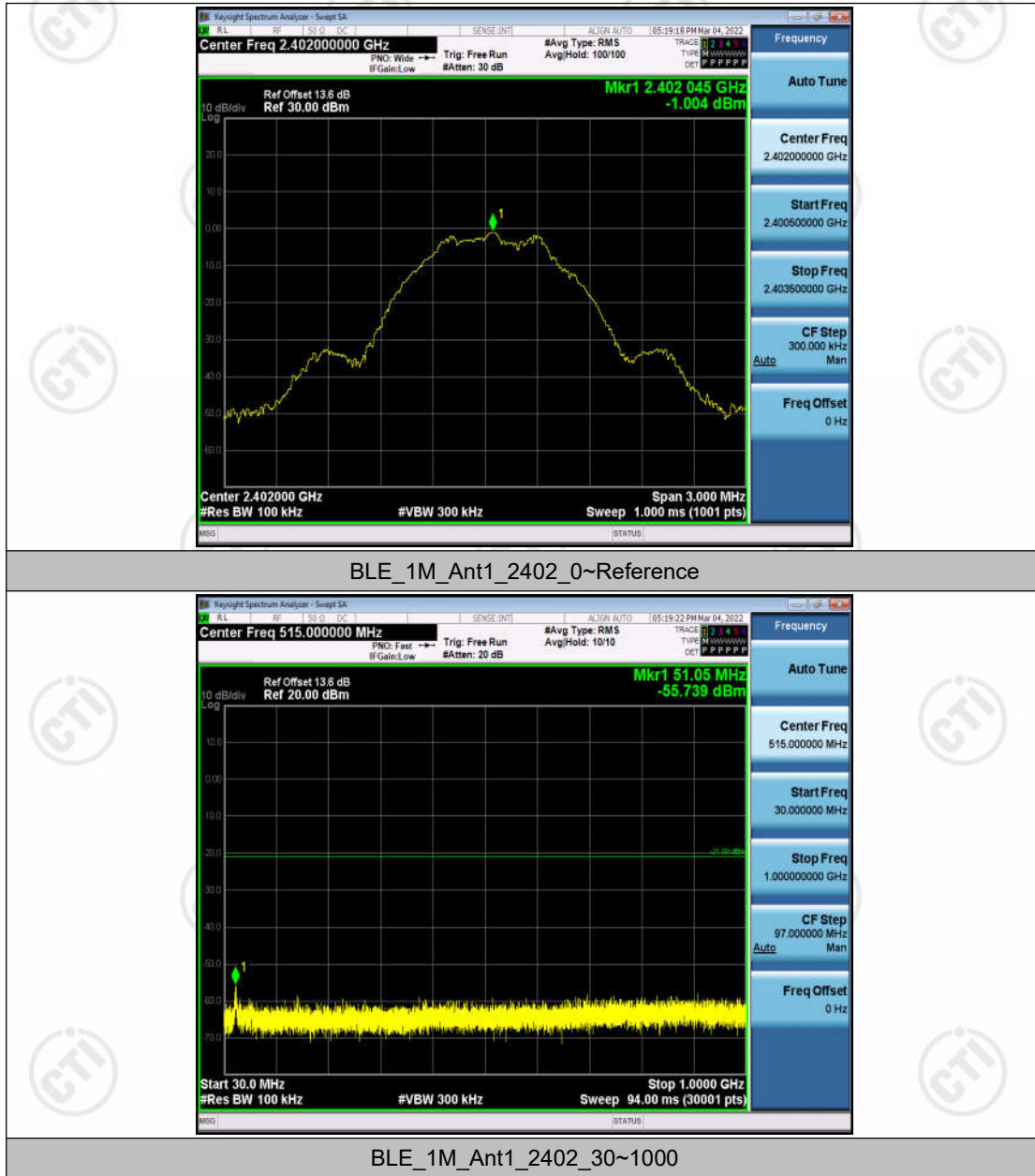


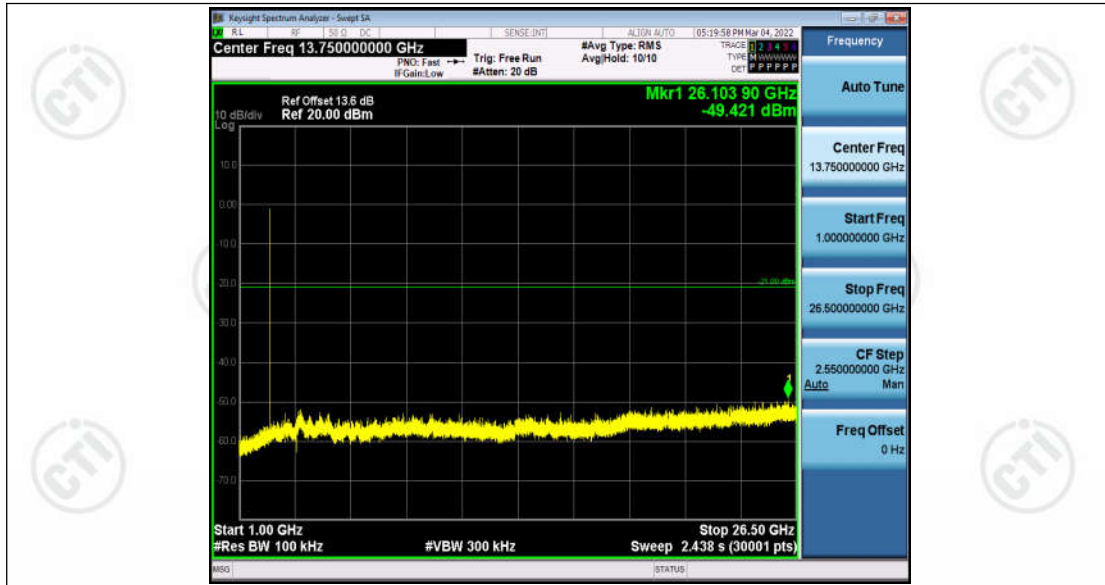
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.00	-1.00	---	PASS
			30~1000	30~1000	-55.739	<=-21.004	PASS
			1000~26500	1000~26500	-49.421	<=-21.004	PASS
		2440	Reference	-1.49	-1.49	---	PASS
			30~1000	30~1000	-54.839	<=-21.494	PASS
			1000~26500	1000~26500	-48.912	<=-21.494	PASS
		2480	Reference	-1.82	-1.82	---	PASS
			30~1000	30~1000	-54.868	<=-21.818	PASS
			1000~26500	1000~26500	-49.202	<=-21.818	PASS

Test Graphs

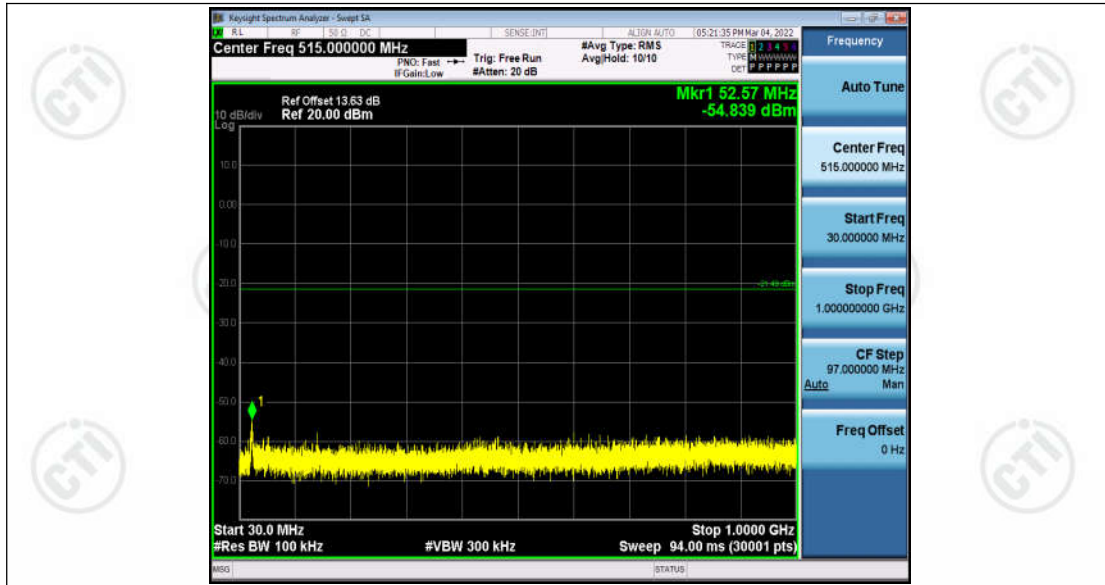




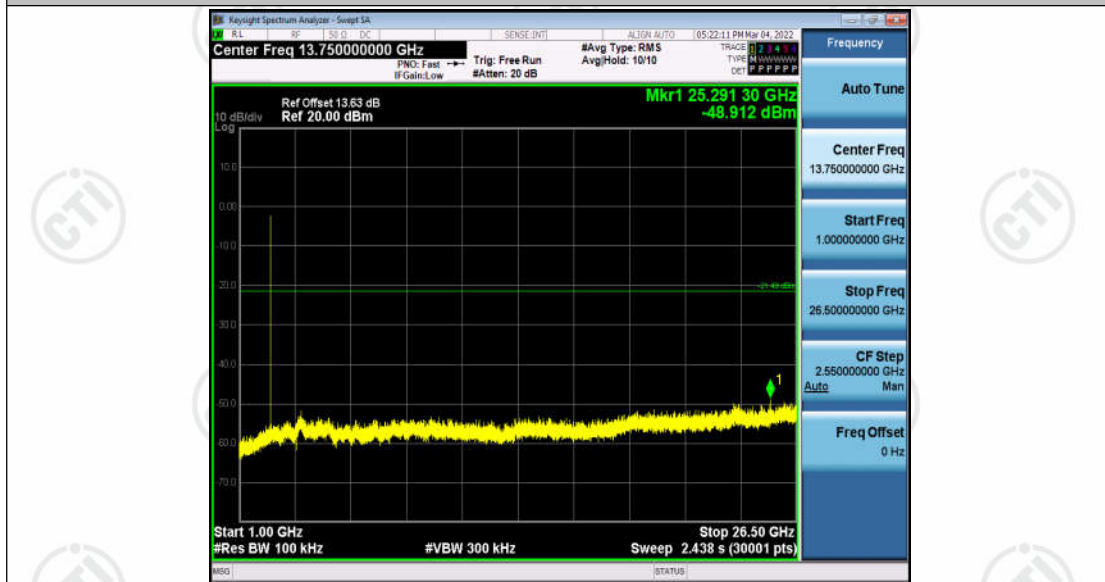
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



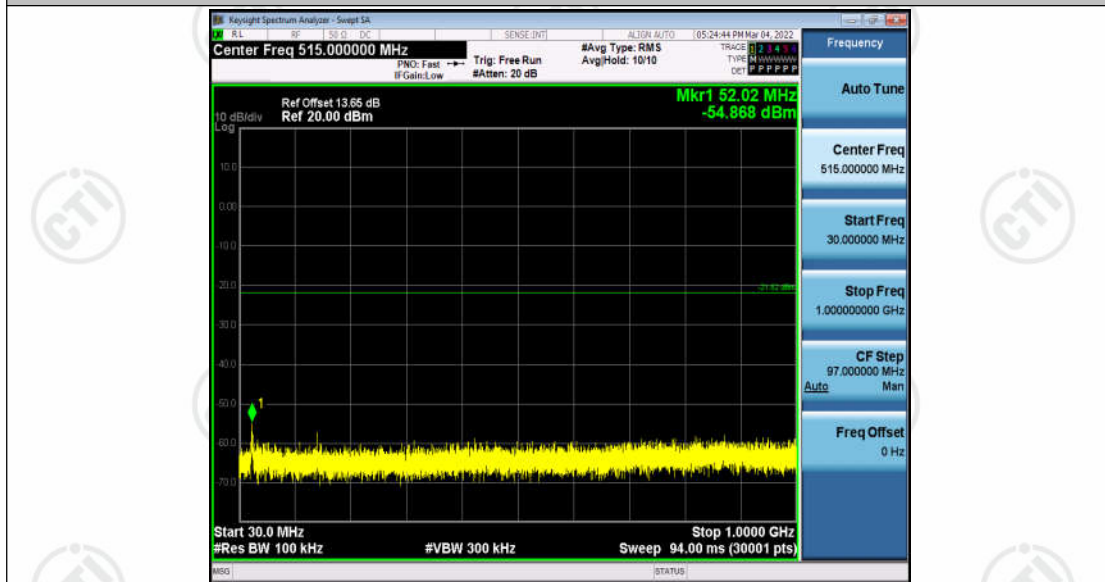
BLE_1M_Ant1_2440_30~1000



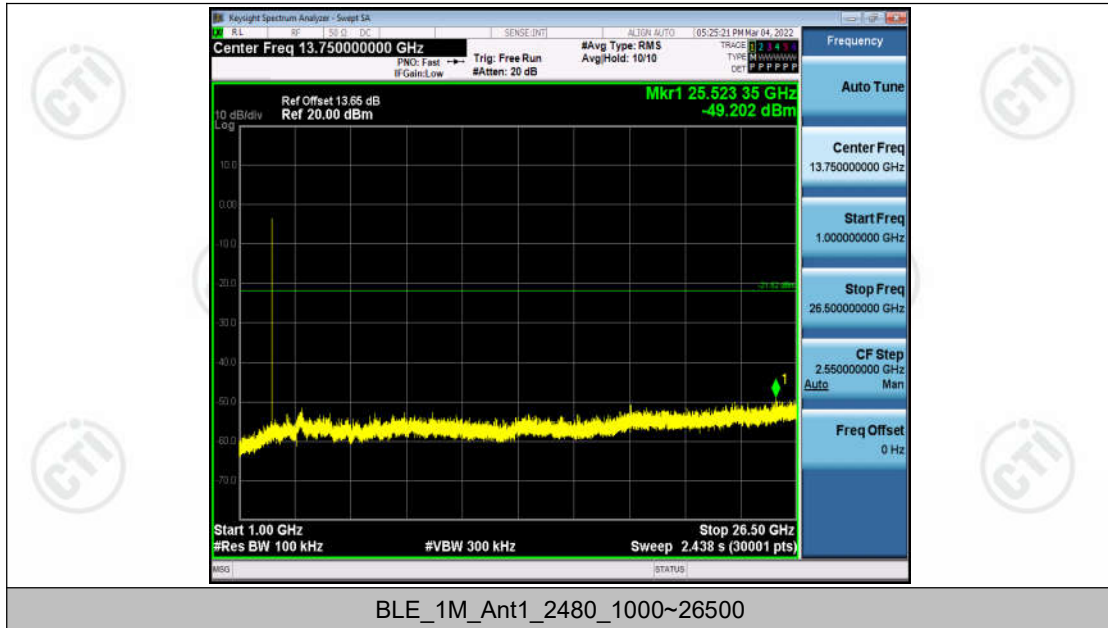
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000

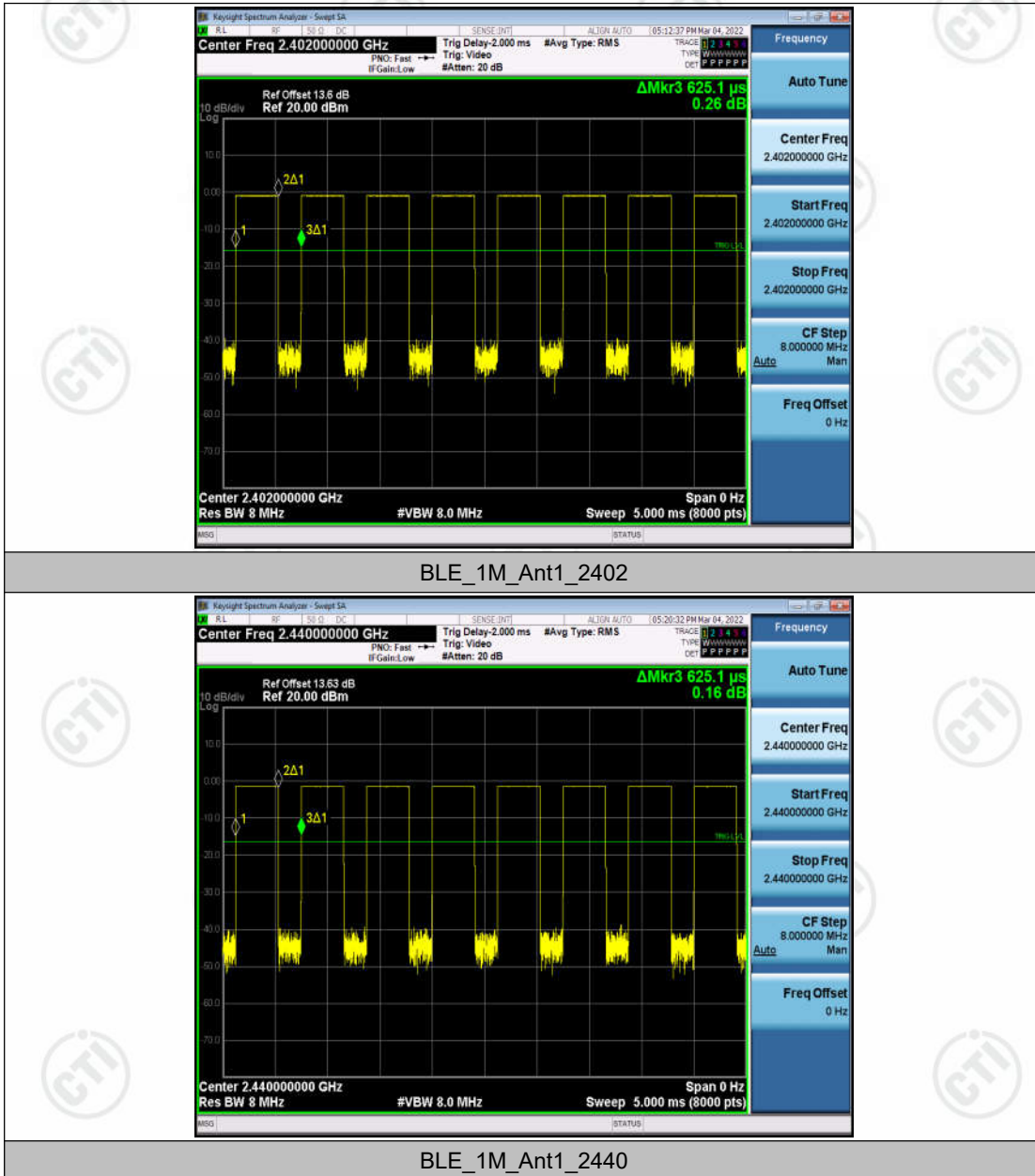


Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.41	0.63	65.10	---	PASS
		2440	0.41	0.63	65.10	---	PASS
		2480	0.41	0.63	65.10	---	PASS

Test Graphs





BLE_1M_Ant1_2480

*** End of Report ***