

Appendix: Bluetooth LE

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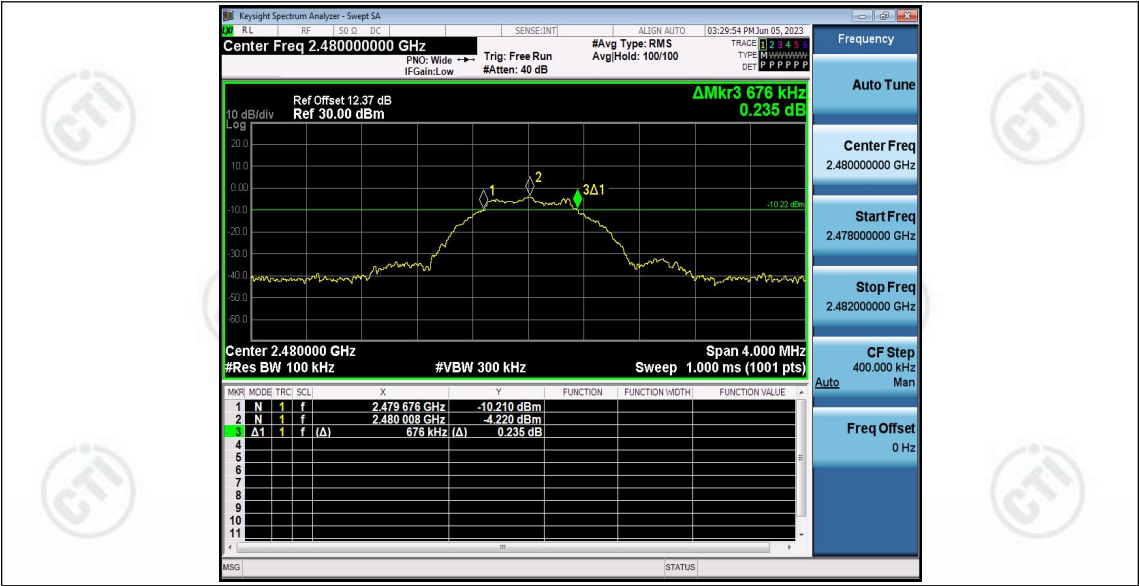
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.660	2402.352	0.5	PASS
		2440	0.696	2439.668	2440.364	0.5	PASS
		2480	0.676	2479.676	2480.352	0.5	PASS

Test Graphs



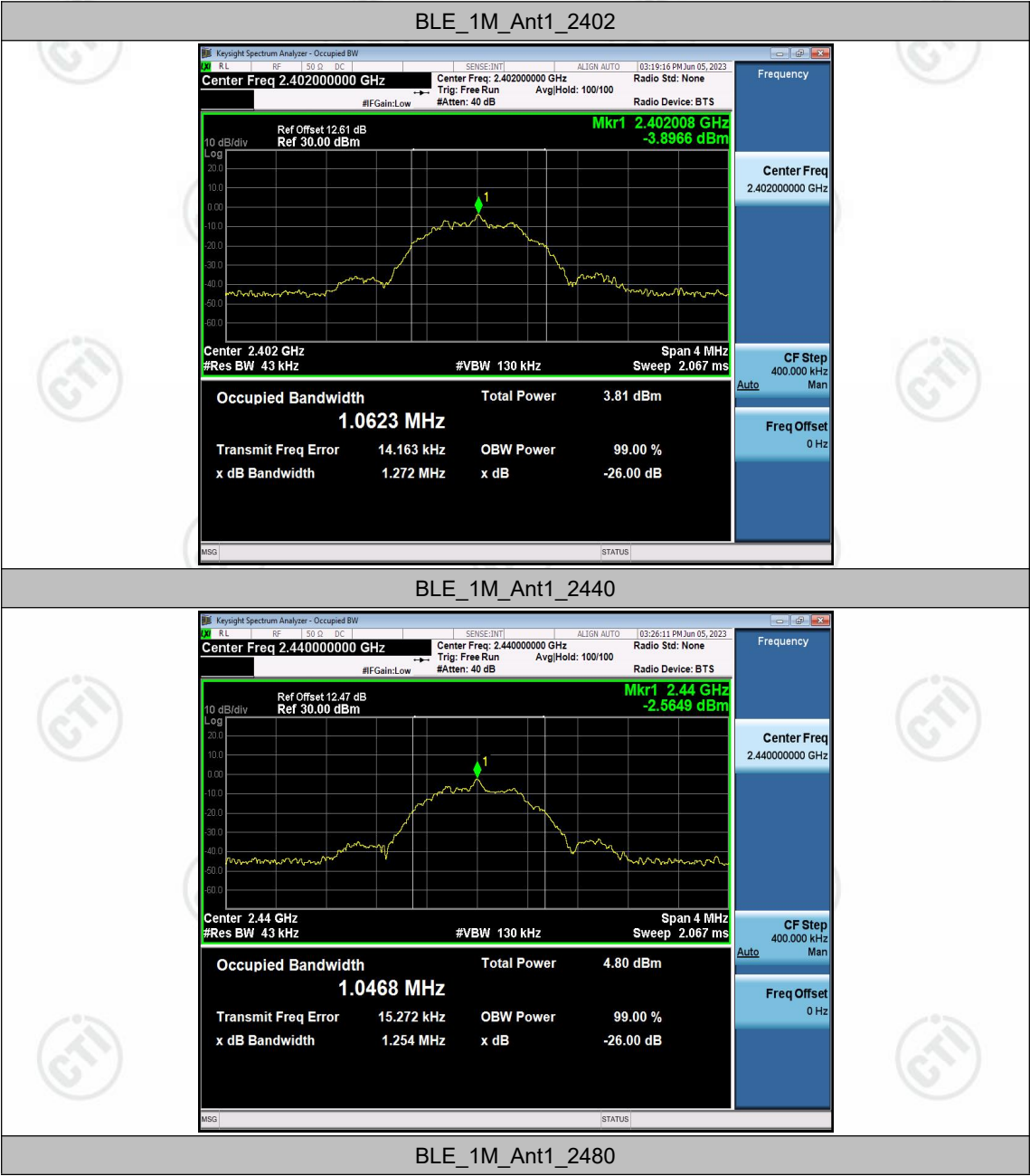


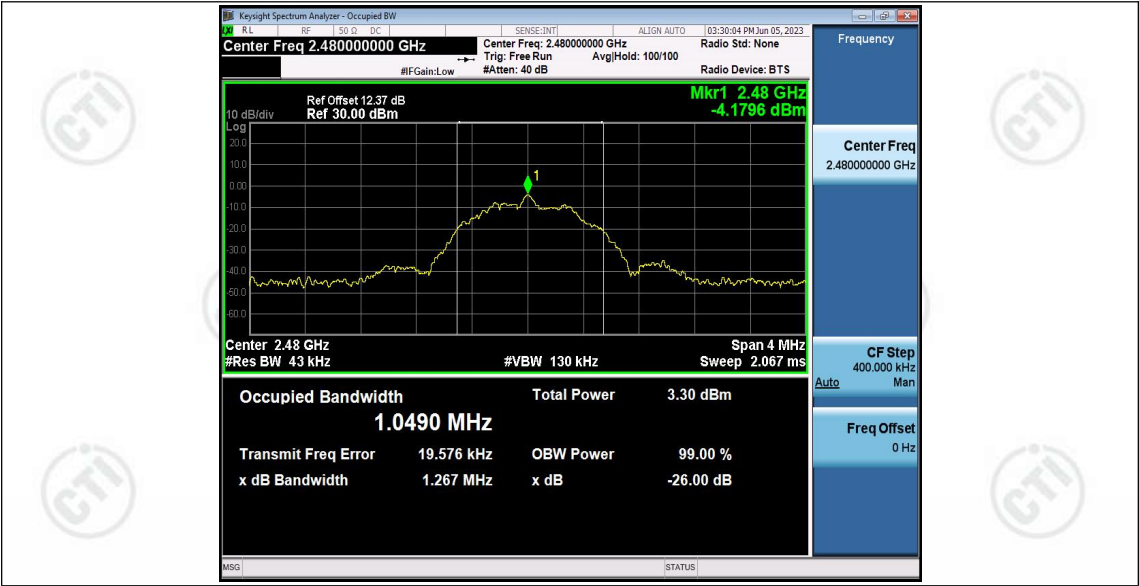
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0623	2401.4830	2402.5453	---	---
		2440	1.0468	2439.4919	2440.5387	---	---
		2480	1.0490	2479.4951	2480.5441	---	---

Test Graphs



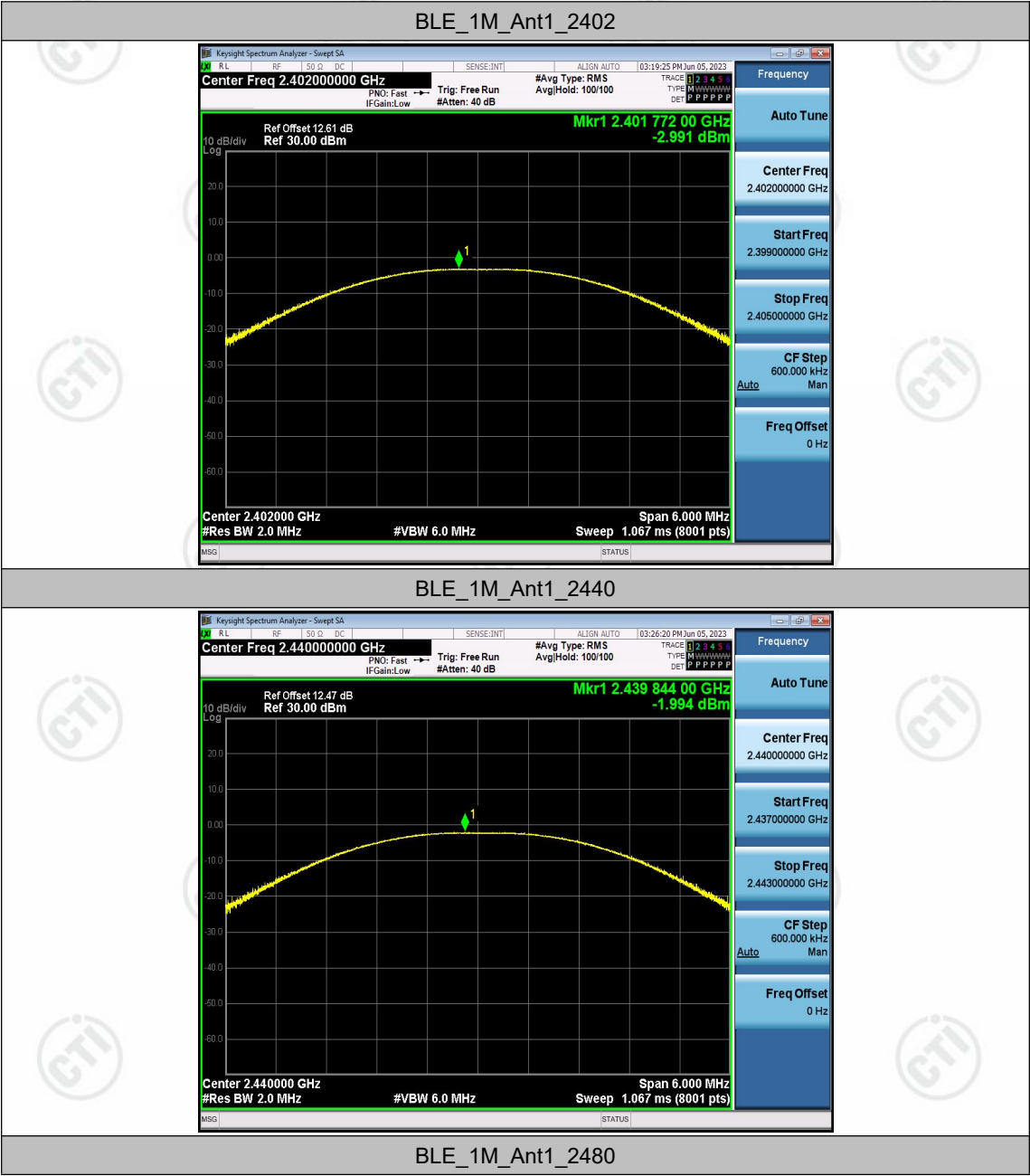


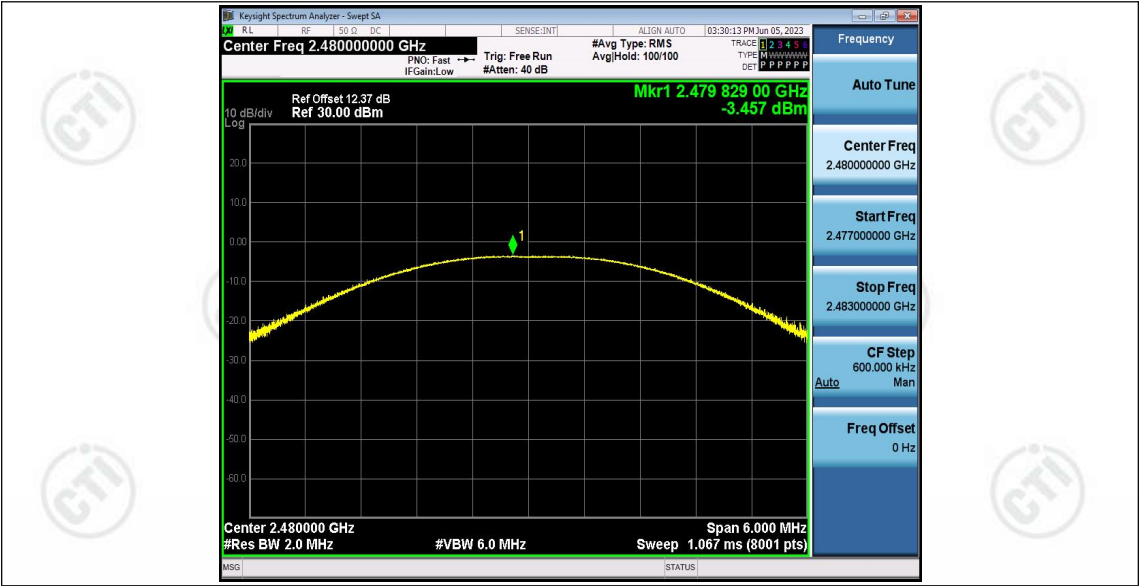
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.99	≤30	PASS
		2440	-1.99	≤30	PASS
		2480	-3.46	≤30	PASS

Test Graphs



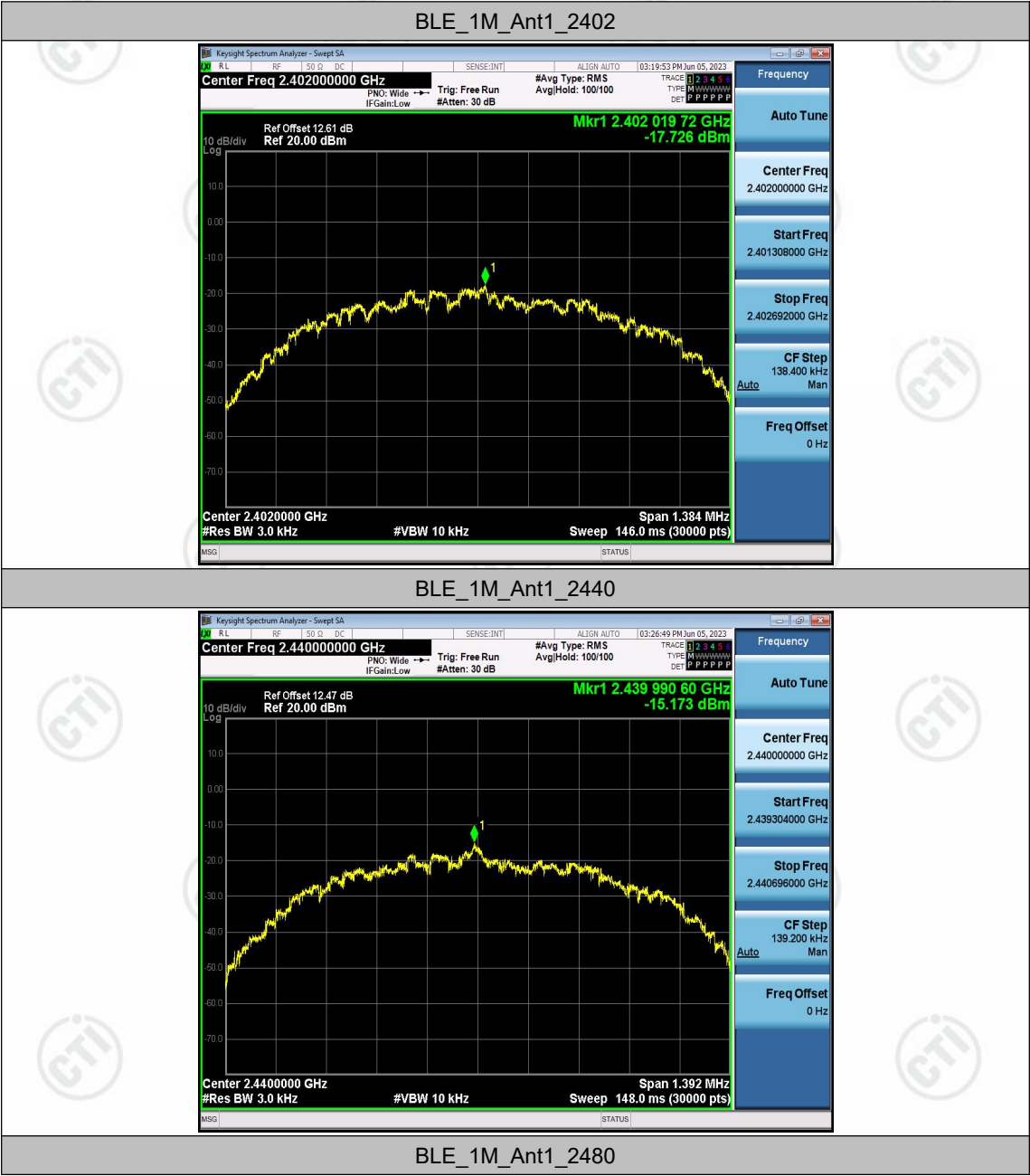


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.73	≤8.00	PASS
		2440	-15.17	≤8.00	PASS
		2480	-16.8	≤8.00	PASS

Test Graphs

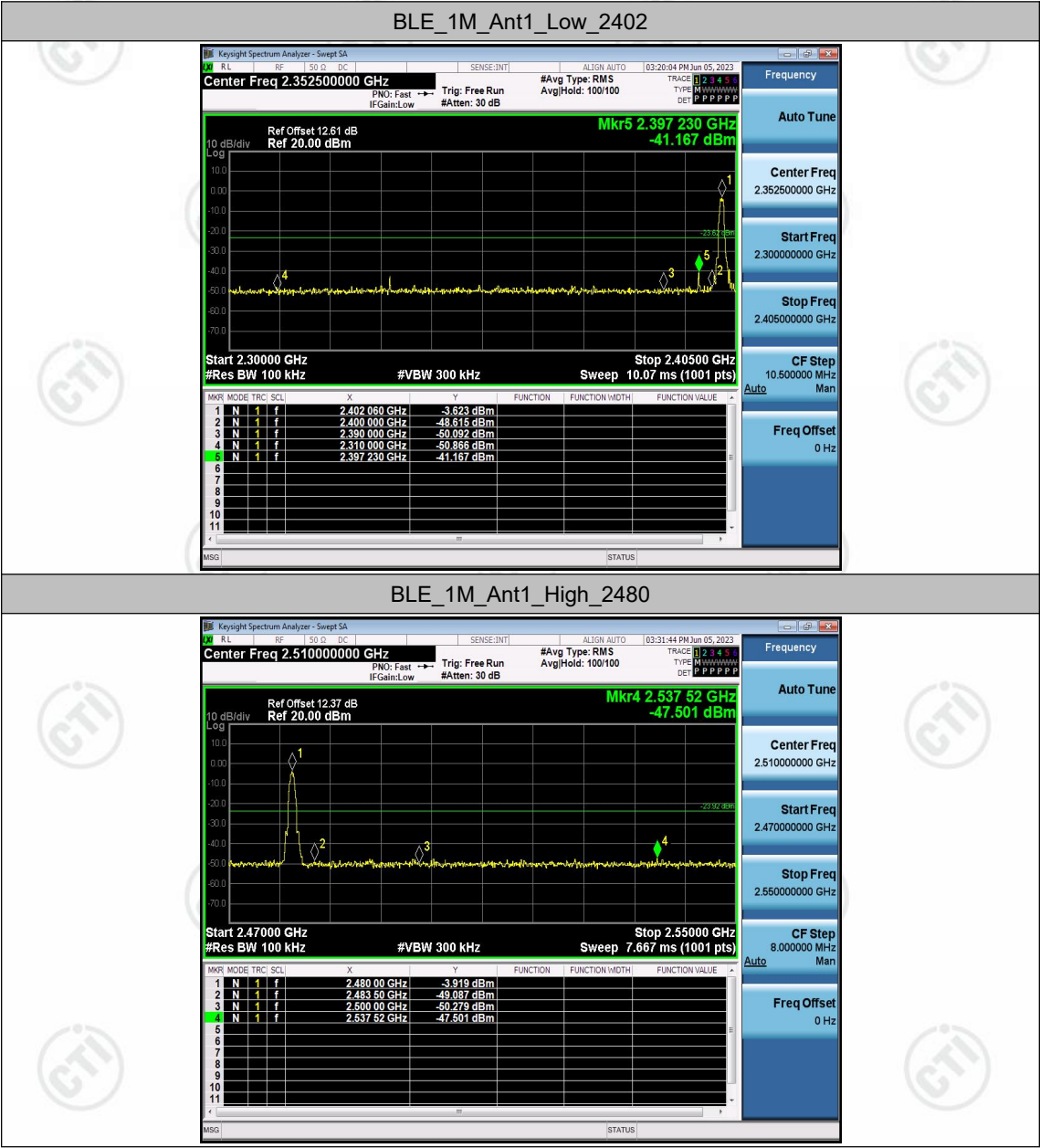


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.62	-41.17	≤-23.62	PASS
		High	2480	-3.92	-47.5	≤-23.92	PASS

Test Graphs



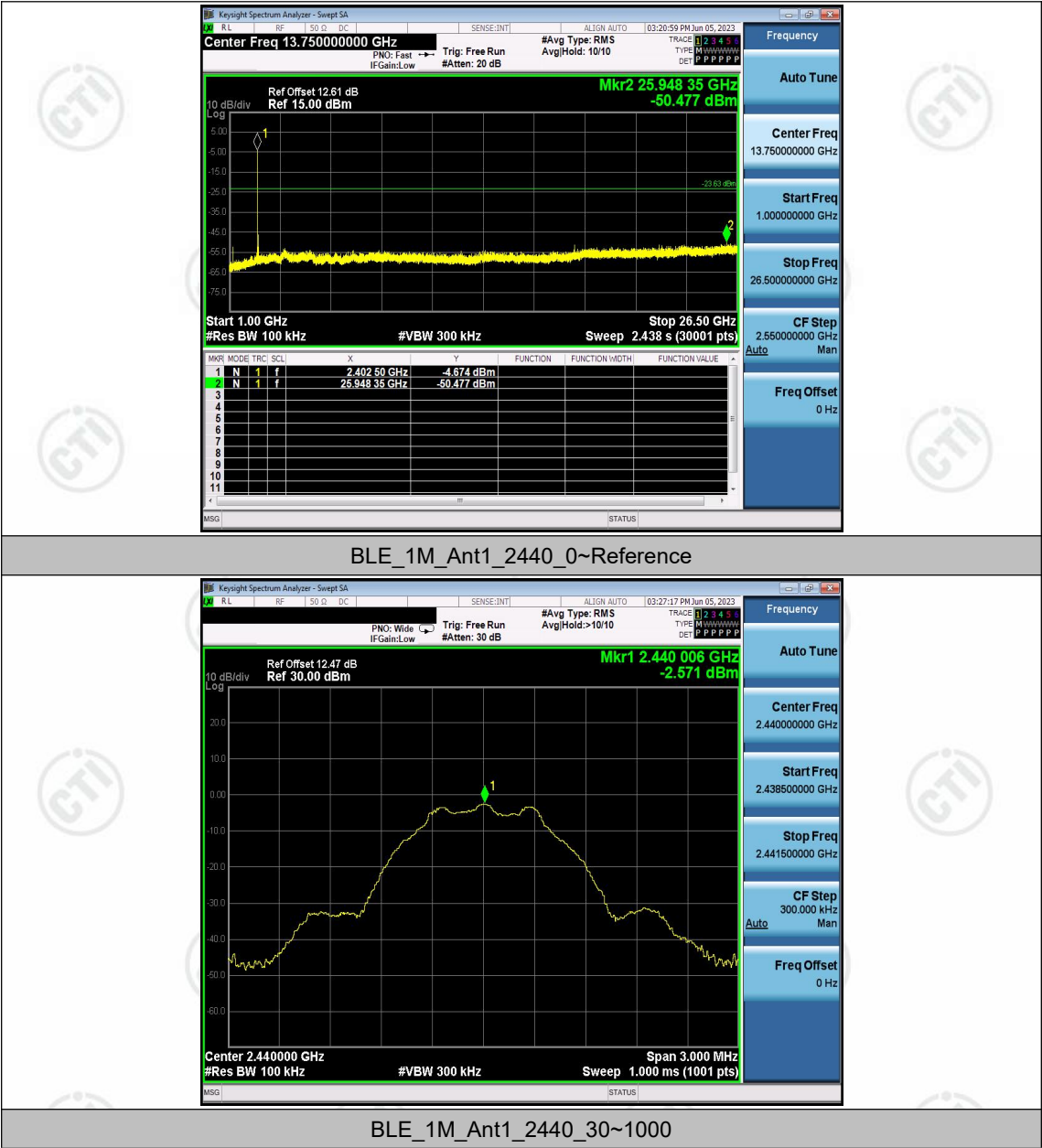
Appendix F: Conducted Spurious Emission

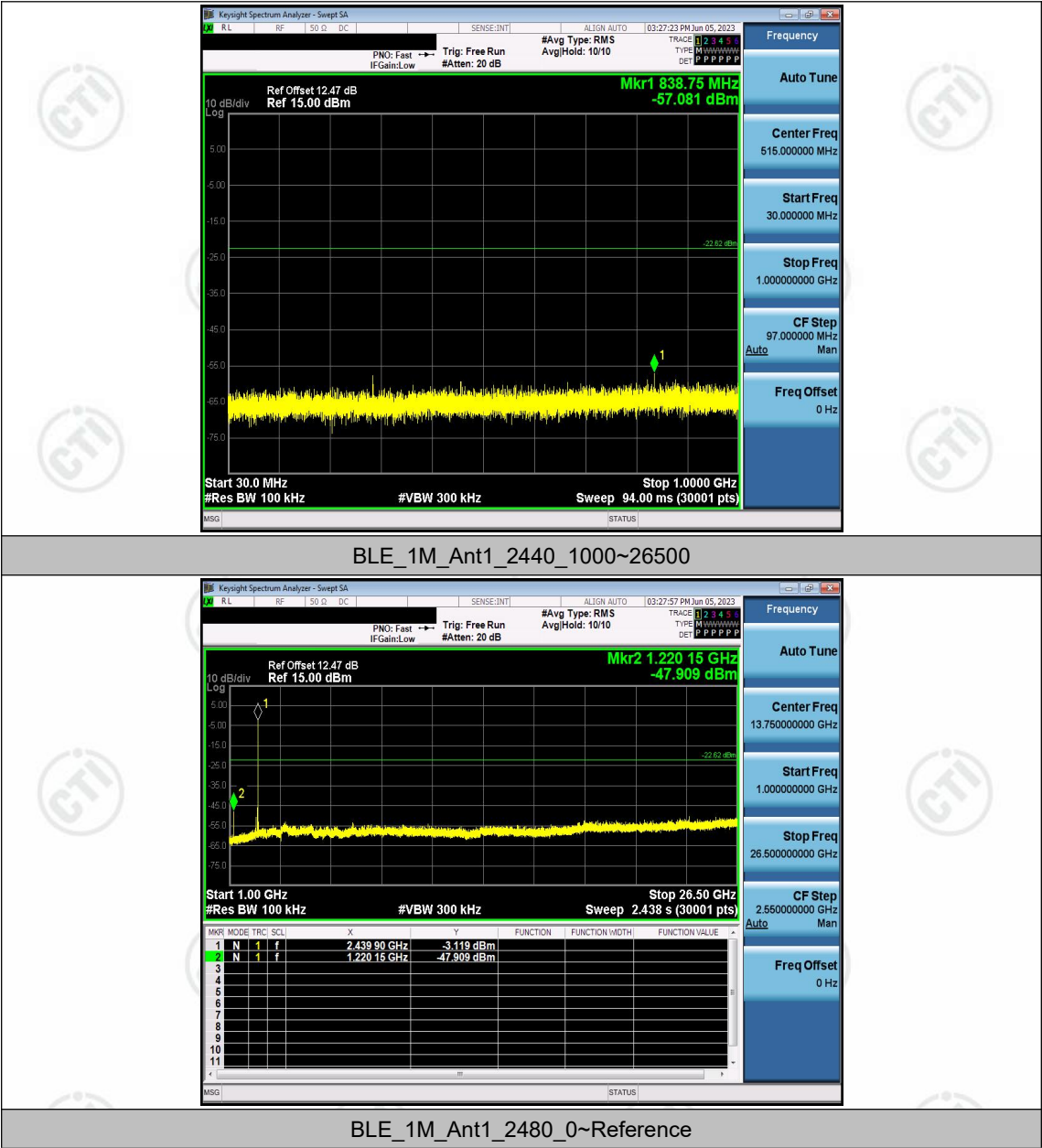
Test Result

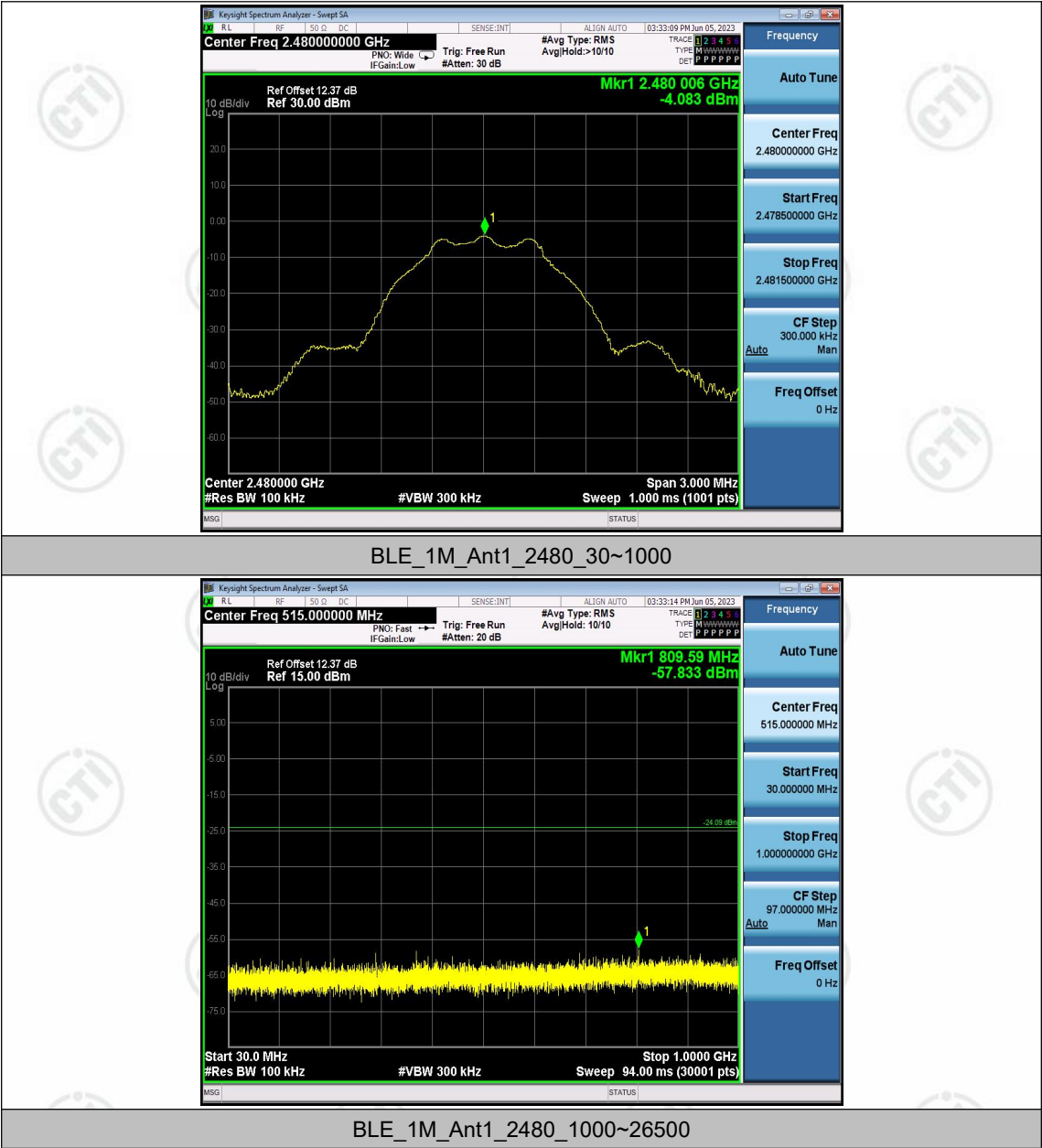
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.63	-3.63	---	PASS
			30~1000	-3.63	-58.88	≤-23.63	PASS
			1000~26500	-3.63	-50.48	≤-23.63	PASS
		2440	Reference	-2.62	-2.62	---	PASS
			30~1000	-2.62	-57.08	≤-22.62	PASS
			1000~26500	-2.62	-47.91	≤-22.62	PASS
		2480	Reference	-4.09	-4.09	---	PASS
			30~1000	-4.09	-57.83	≤-24.09	PASS
			1000~26500	-4.09	-47.67	≤-24.09	PASS

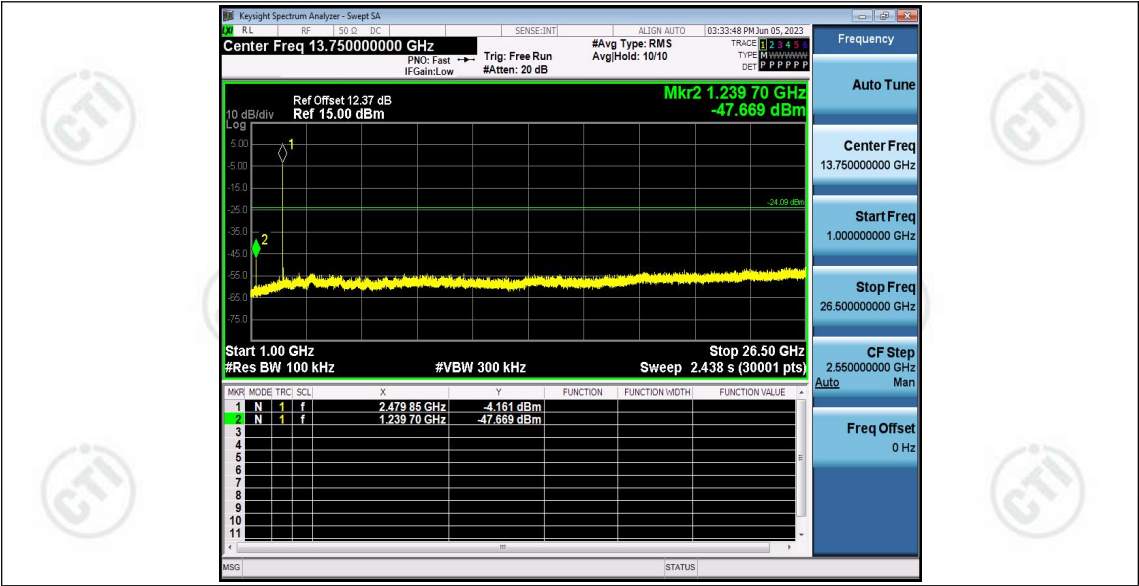
Test Graphs









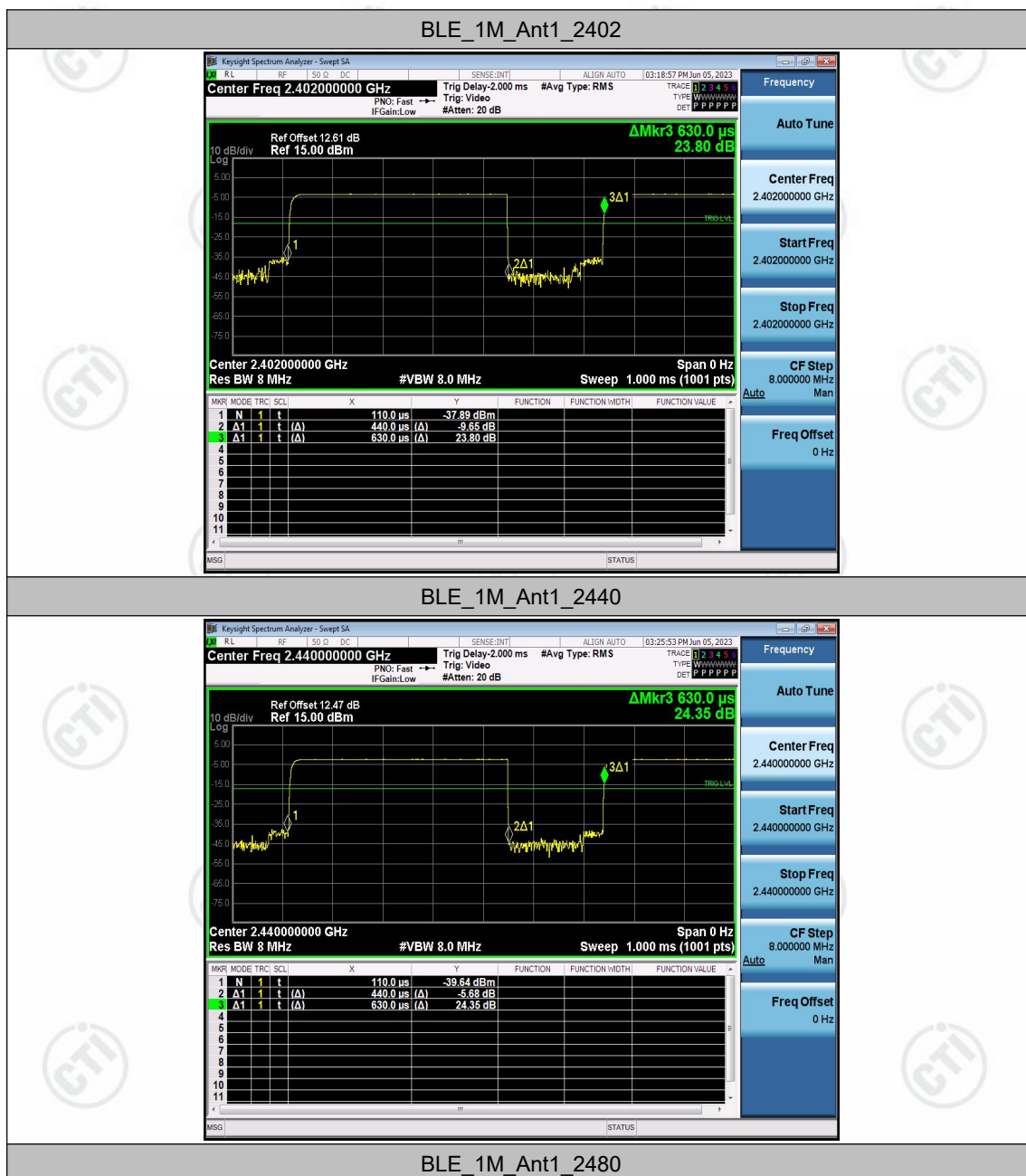


Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.44	0.63	69.84	1.56
		2440	0.44	0.63	69.84	1.56
		2480	0.44	0.63	69.84	1.56

Test Graphs





*** End of Report ***