

Appendix: Bluetooth LE

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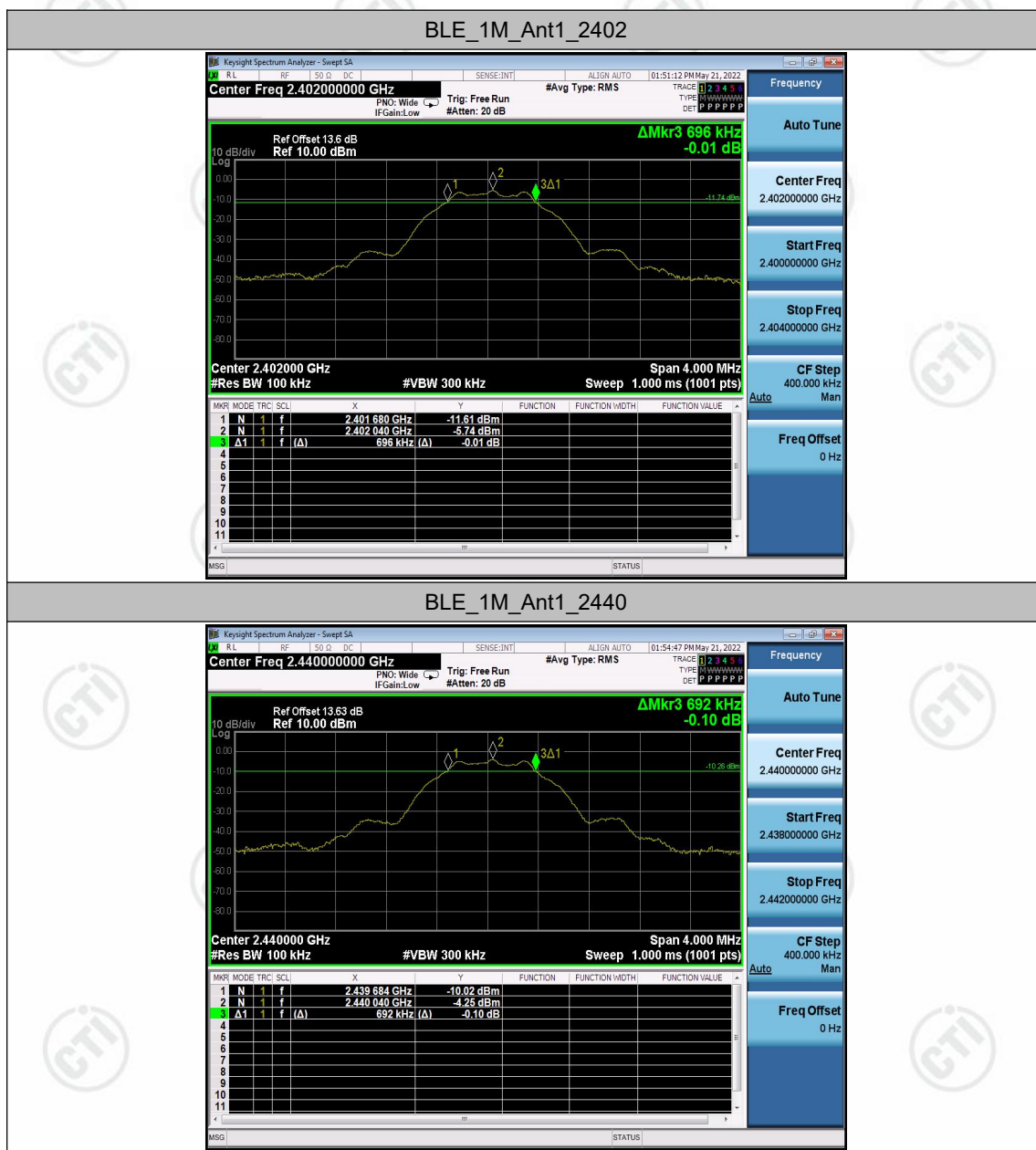
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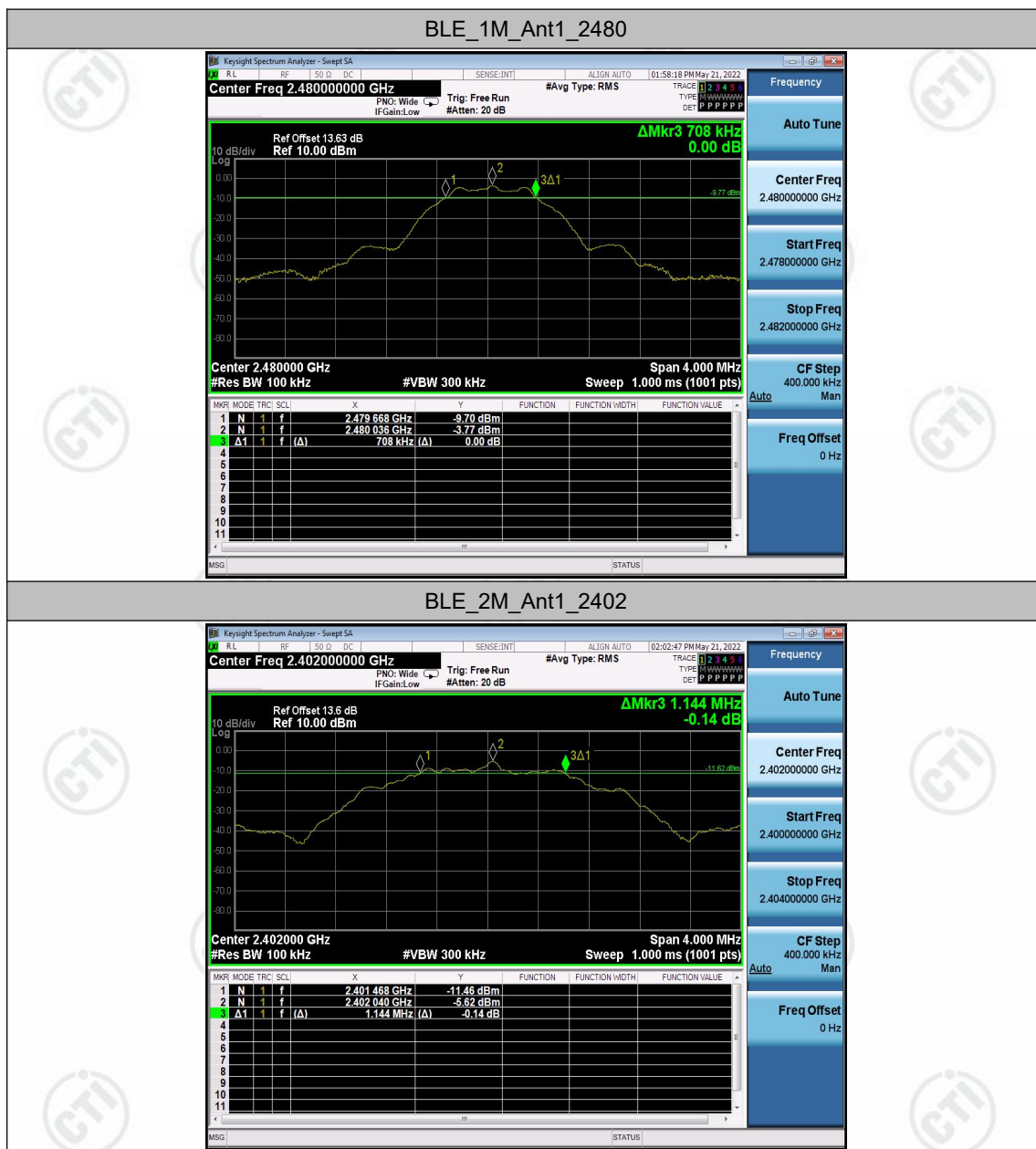
Appendix A: DTS Bandwidth

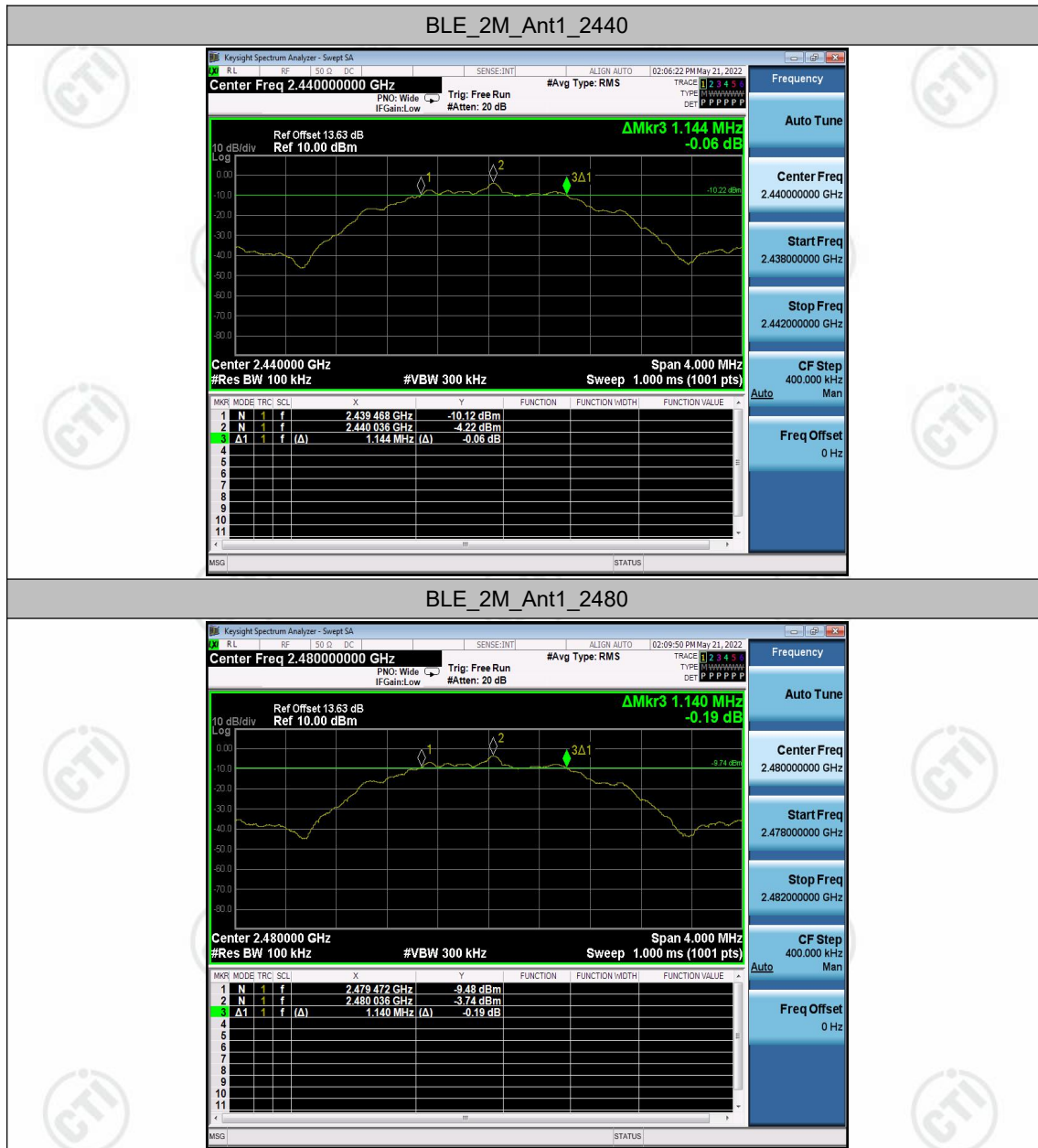
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.696	2401.680	2402.376	0.5	PASS
		2440	0.692	2439.684	2440.376	0.5	PASS
		2480	0.708	2479.668	2480.376	0.5	PASS
BLE_2M	Ant1	2402	1.144	2401.468	2402.612	0.5	PASS
		2440	1.144	2439.468	2440.612	0.5	PASS
		2480	1.140	2479.472	2480.612	0.5	PASS

Test Graphs





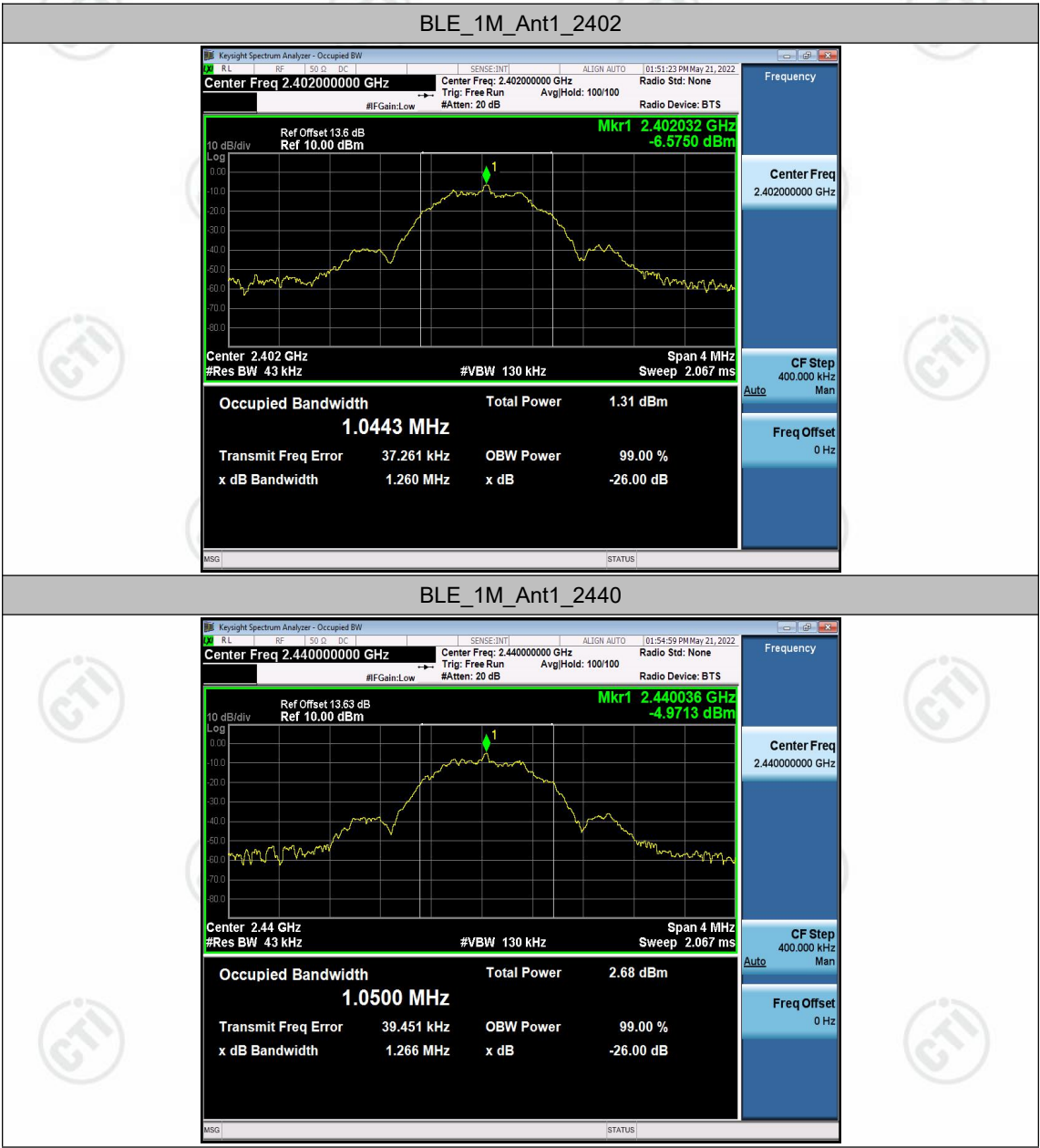


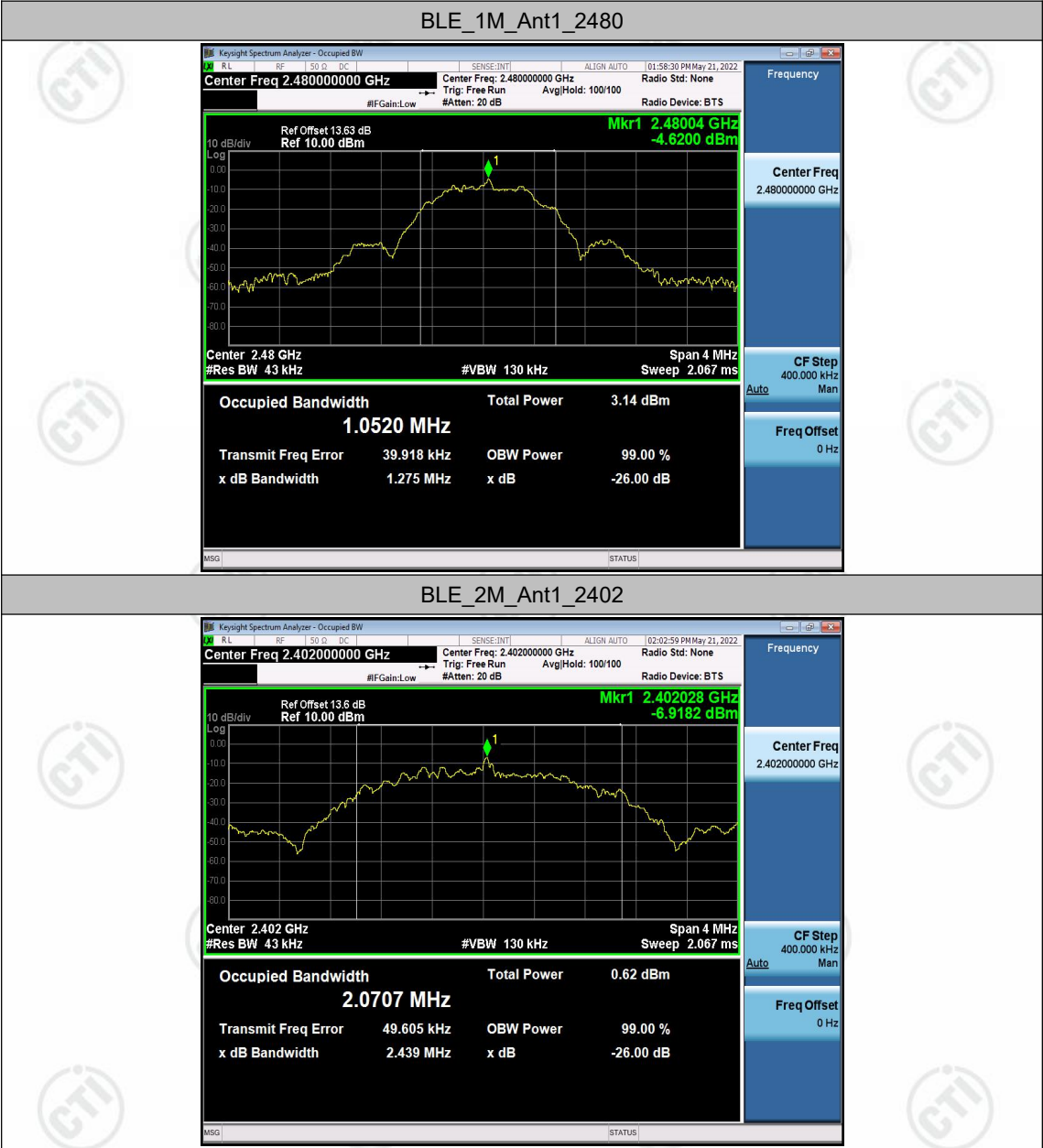
Appendix B: Occupied Channel Bandwidth

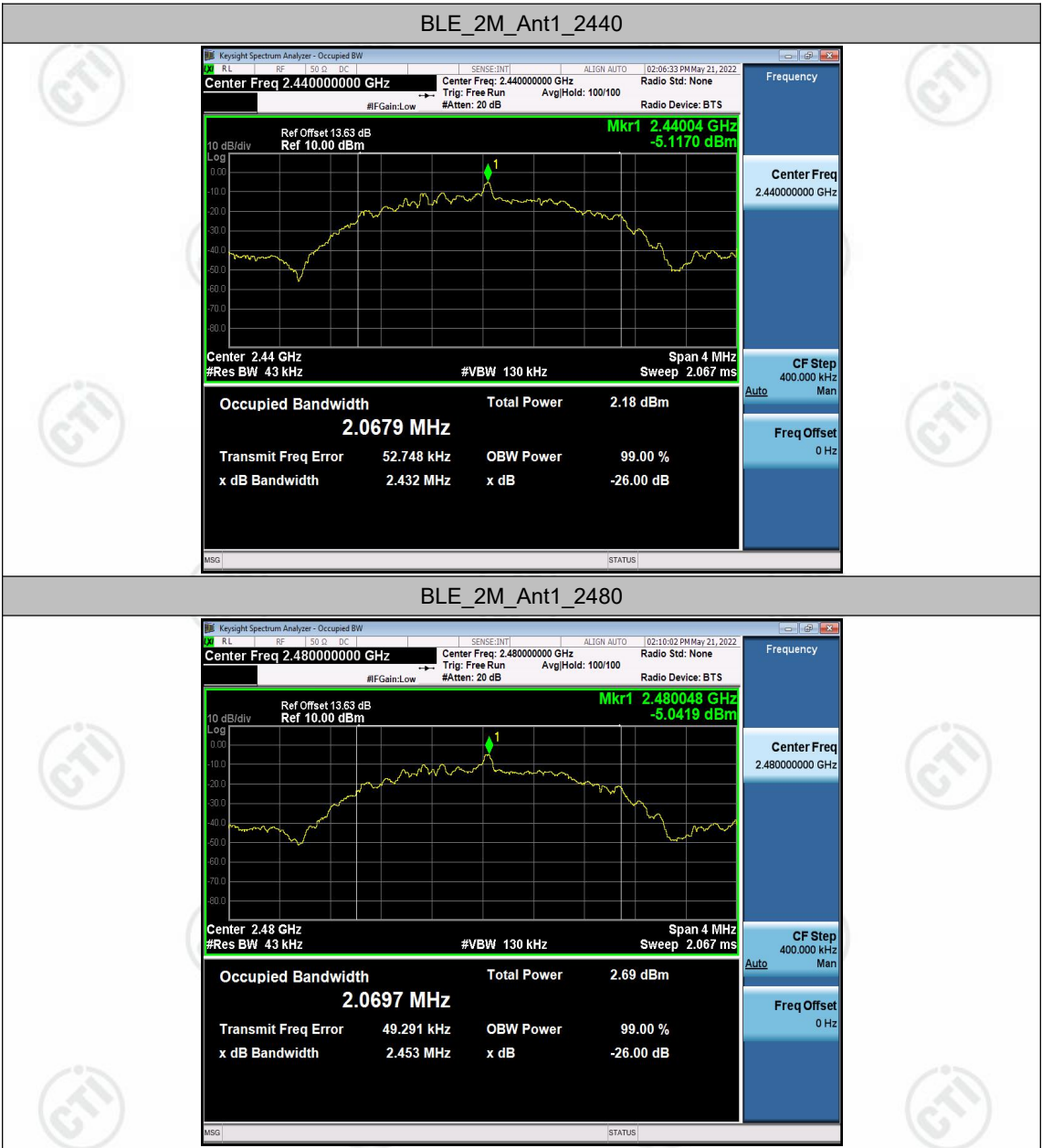
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0443	2401.515	2402.559	---	---
		2440	1.0500	2439.514	2440.564	---	---
		2480	1.0520	2479.514	2480.566	---	---
BLE_2M	Ant1	2402	2.0707	2401.014	2403.085	---	---
		2440	2.0679	2439.019	2441.087	---	---
		2480	2.0697	2479.014	2481.084	---	---

Test Graphs





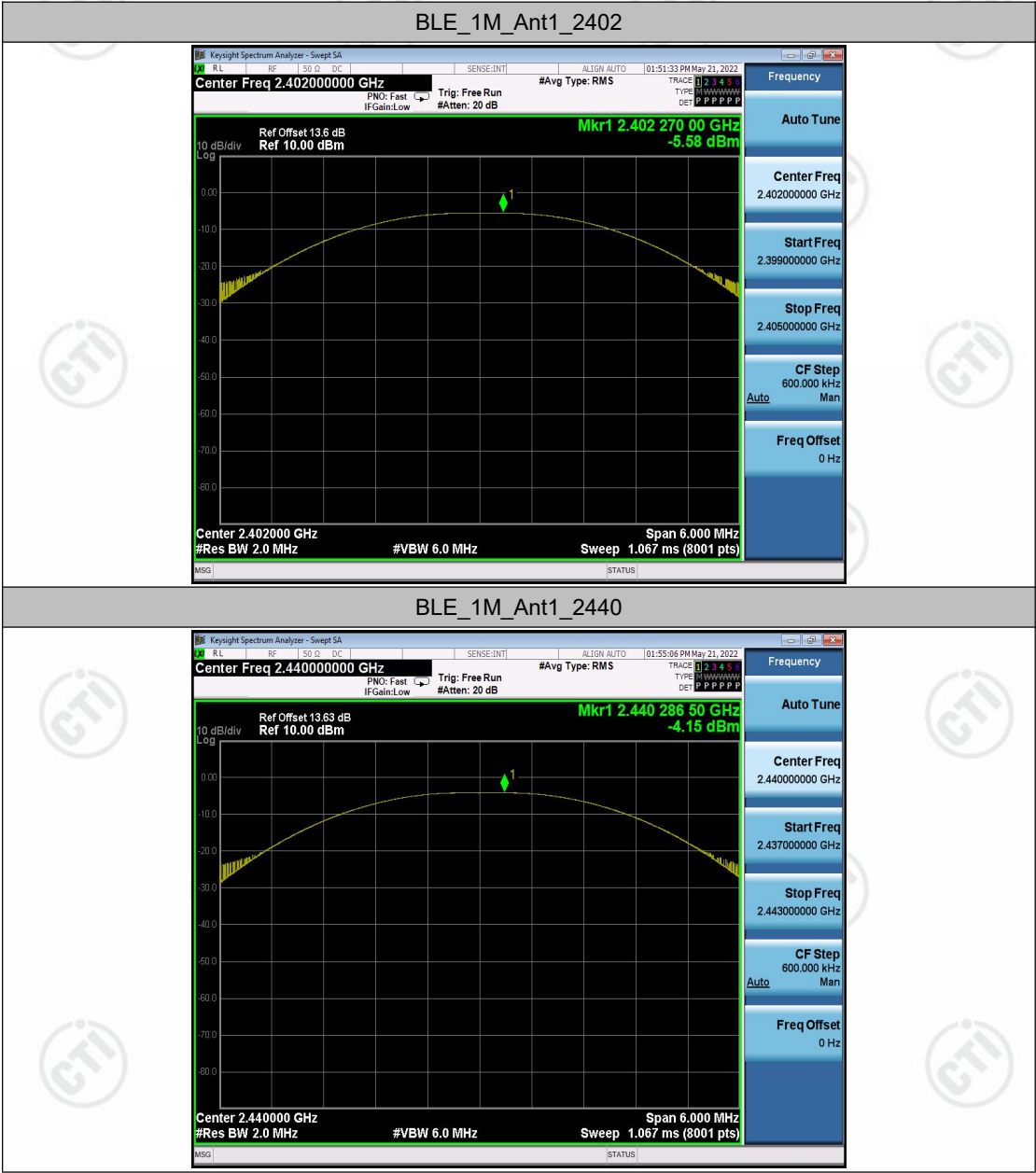


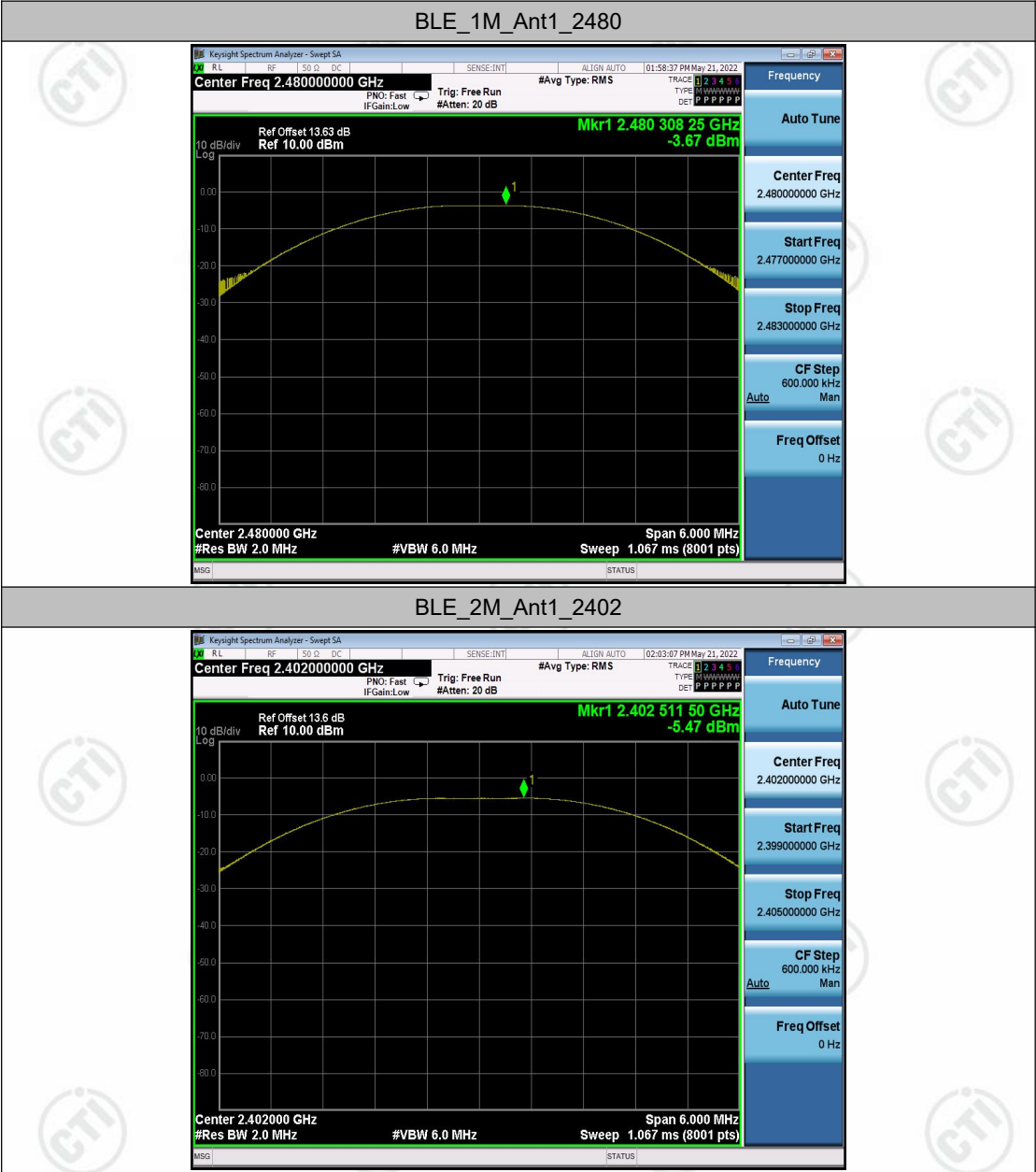
Appendix C: Maximum conducted output power

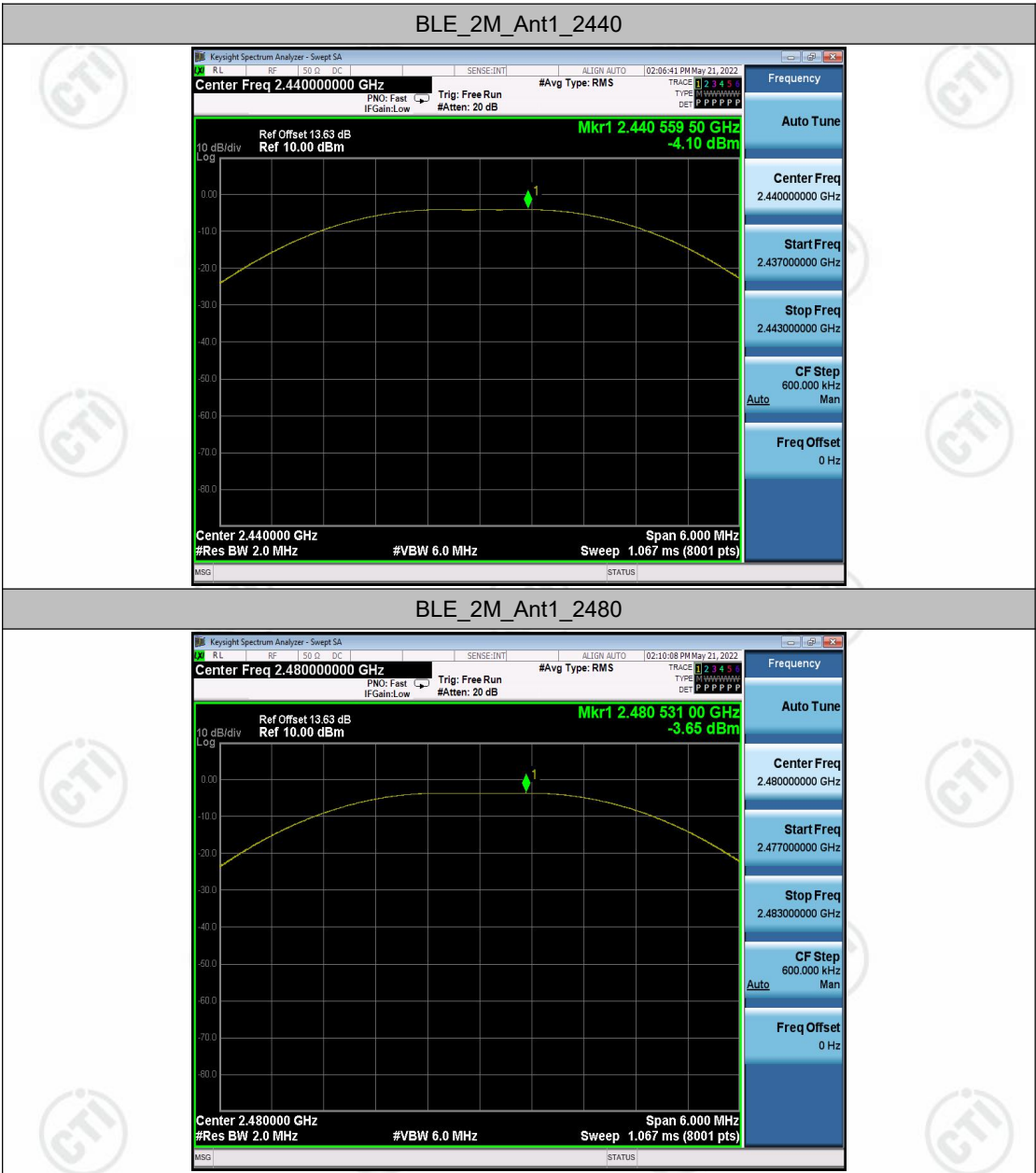
Test Result Peak

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-5.58	≤30	PASS
		2440	-4.15	≤30	PASS
		2480	-3.67	≤30	PASS
BLE_2M	Ant1	2402	-5.47	≤30	PASS
		2440	-4.1	≤30	PASS
		2480	-3.65	≤30	PASS

Test Graphs Peak







Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-21.01	≤8.00	PASS
		2440	-19.68	≤8.00	PASS
		2480	-19.26	≤8.00	PASS
BLE_2M	Ant1	2402	-23.56	≤8.00	PASS
		2440	-22.1	≤8.00	PASS
		2480	-21.63	≤8.00	PASS

Test Graphs

