

Appendix: Bluetooth LE

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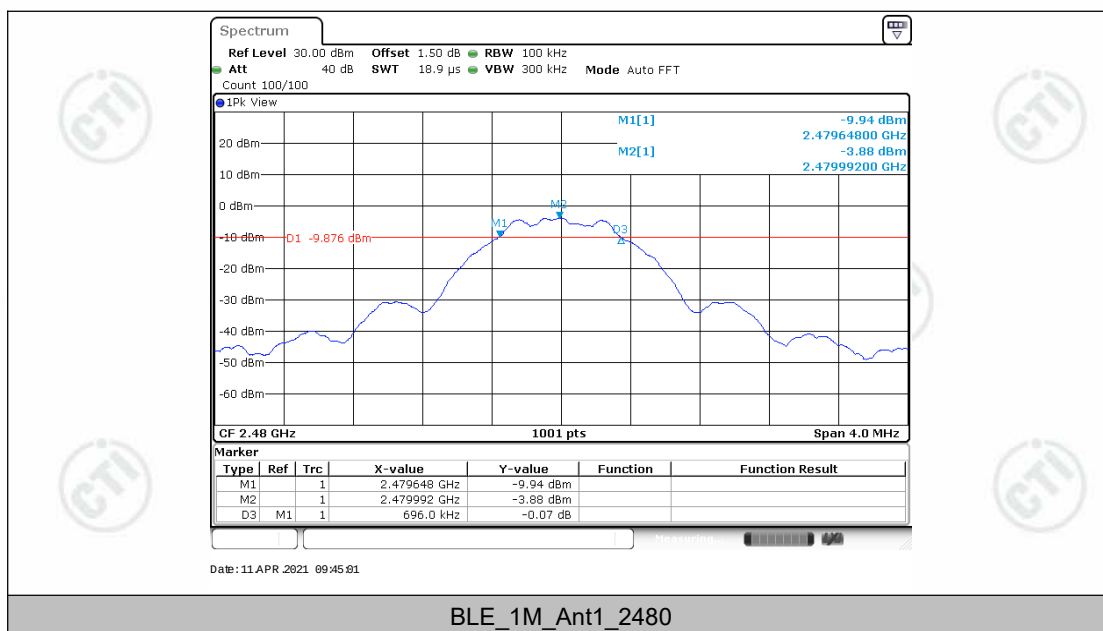
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.648	2402.336	0.5	PASS
		2440	0.700	2439.644	2440.344	0.5	PASS
		2480	0.696	2479.648	2480.344	0.5	PASS

Test Graphs





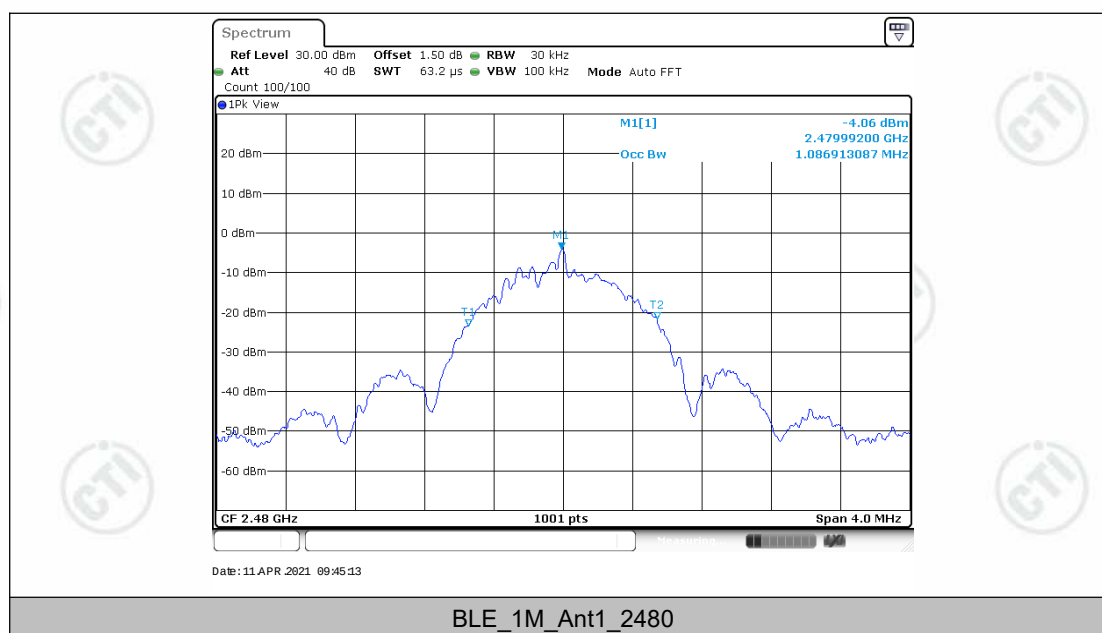
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.075	2401.461	2402.535	---	PASS
		2440	1.083	2439.457	2440.539	---	PASS
		2480	1.087	2479.453	2480.539	---	PASS

Test Graphs



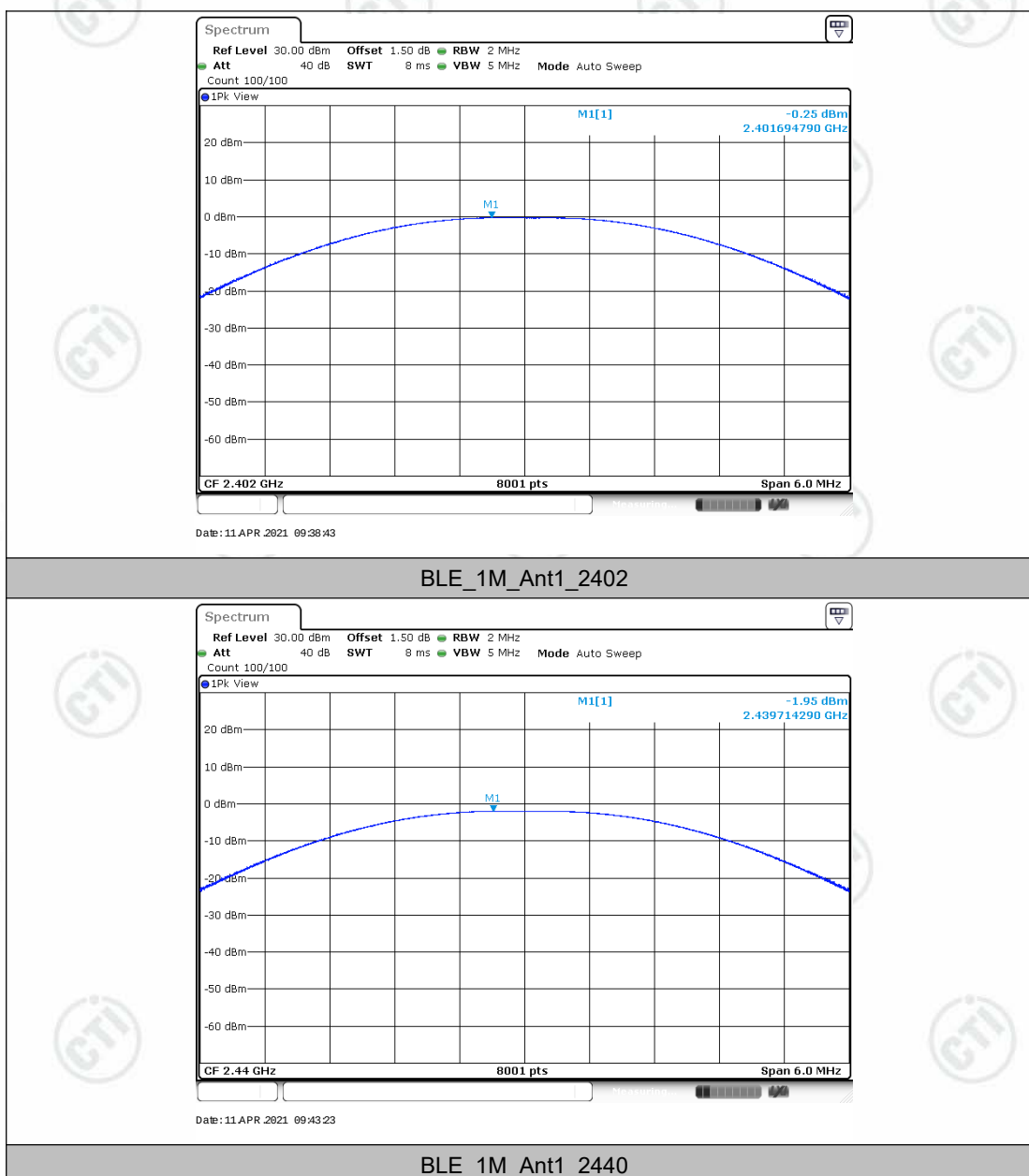


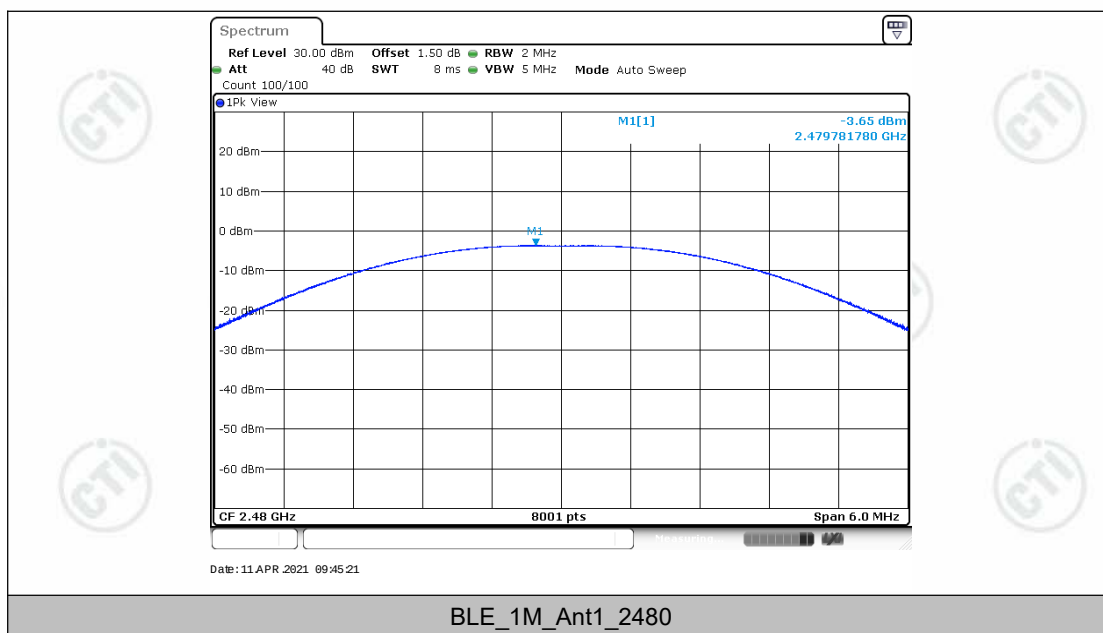
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.25	<=30	PASS
		2440	-1.95	<=30	PASS
		2480	-3.65	<=30	PASS

Test Graphs



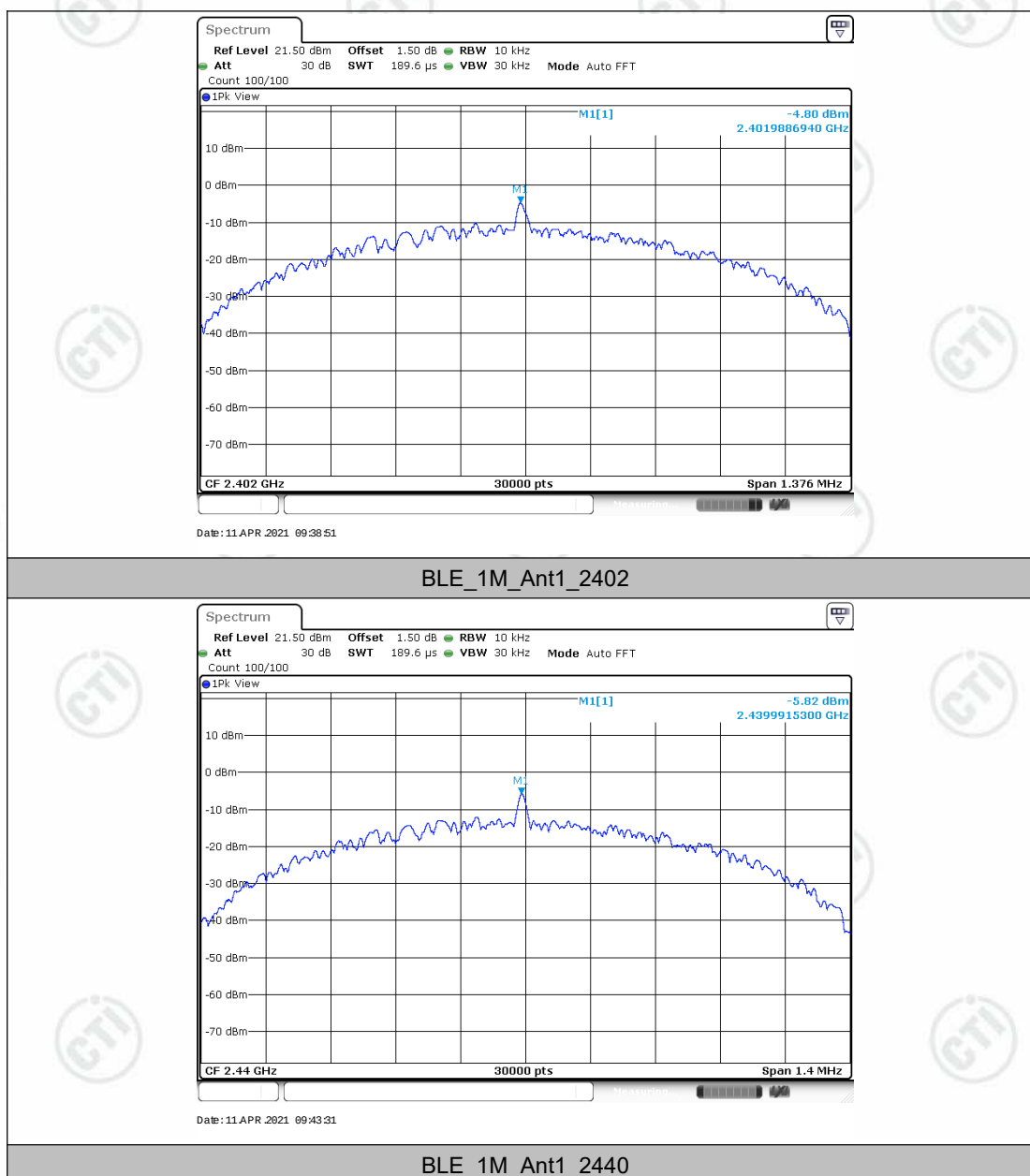


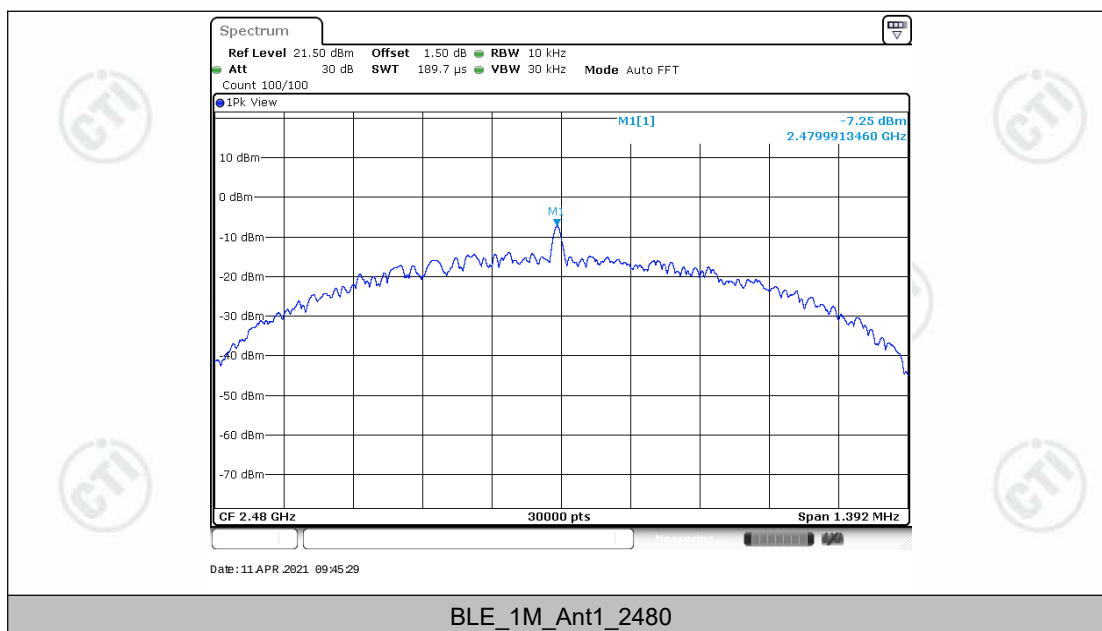
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-4.8	<=8	PASS
		2440	-5.82	<=8	PASS
		2480	-7.25	<=8	PASS

Test Graphs



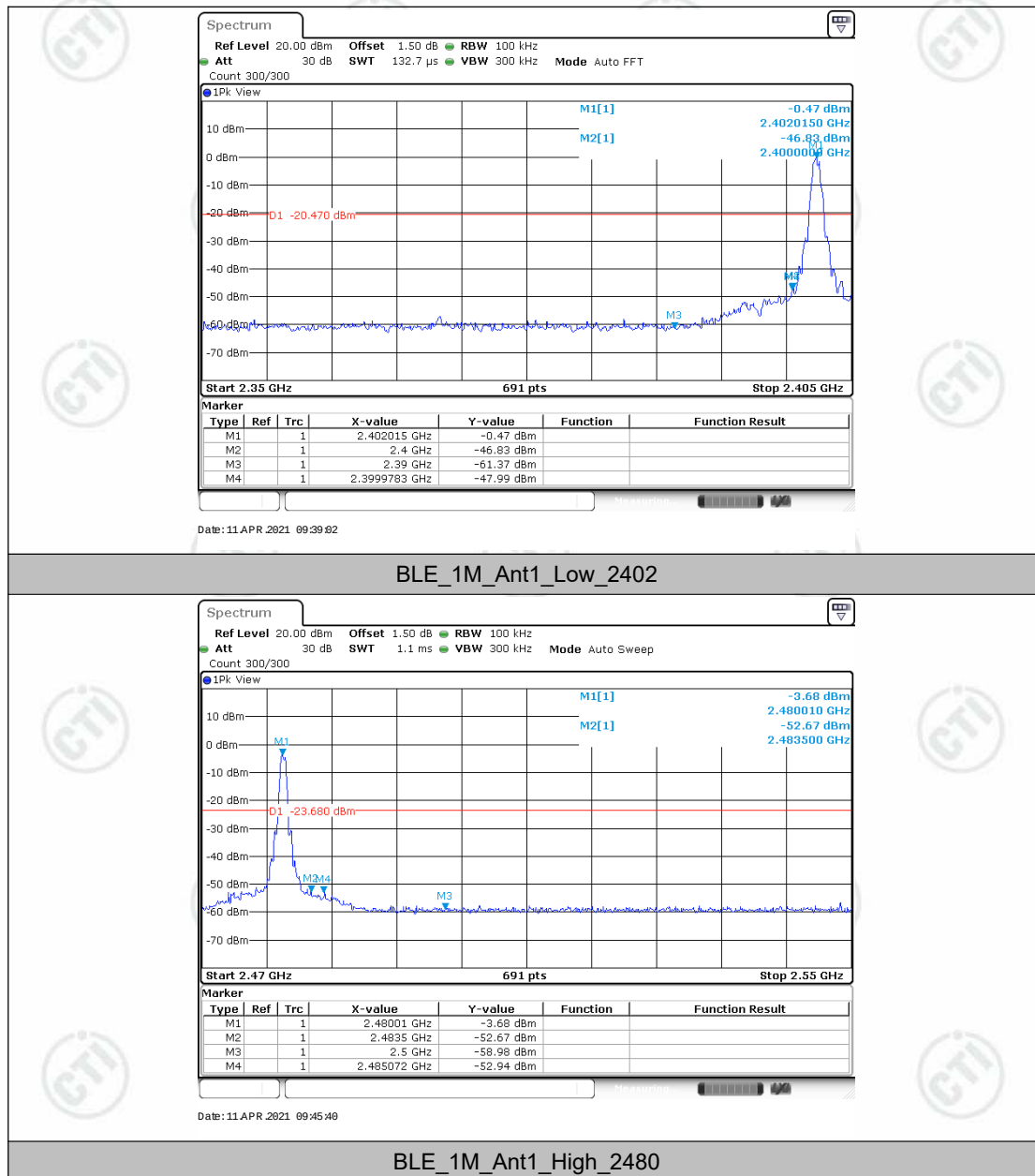


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.47	-47.99	<=-20.47	PASS
		High	2480	-3.68	-52.94	<=-23.68	PASS

Test Graphs

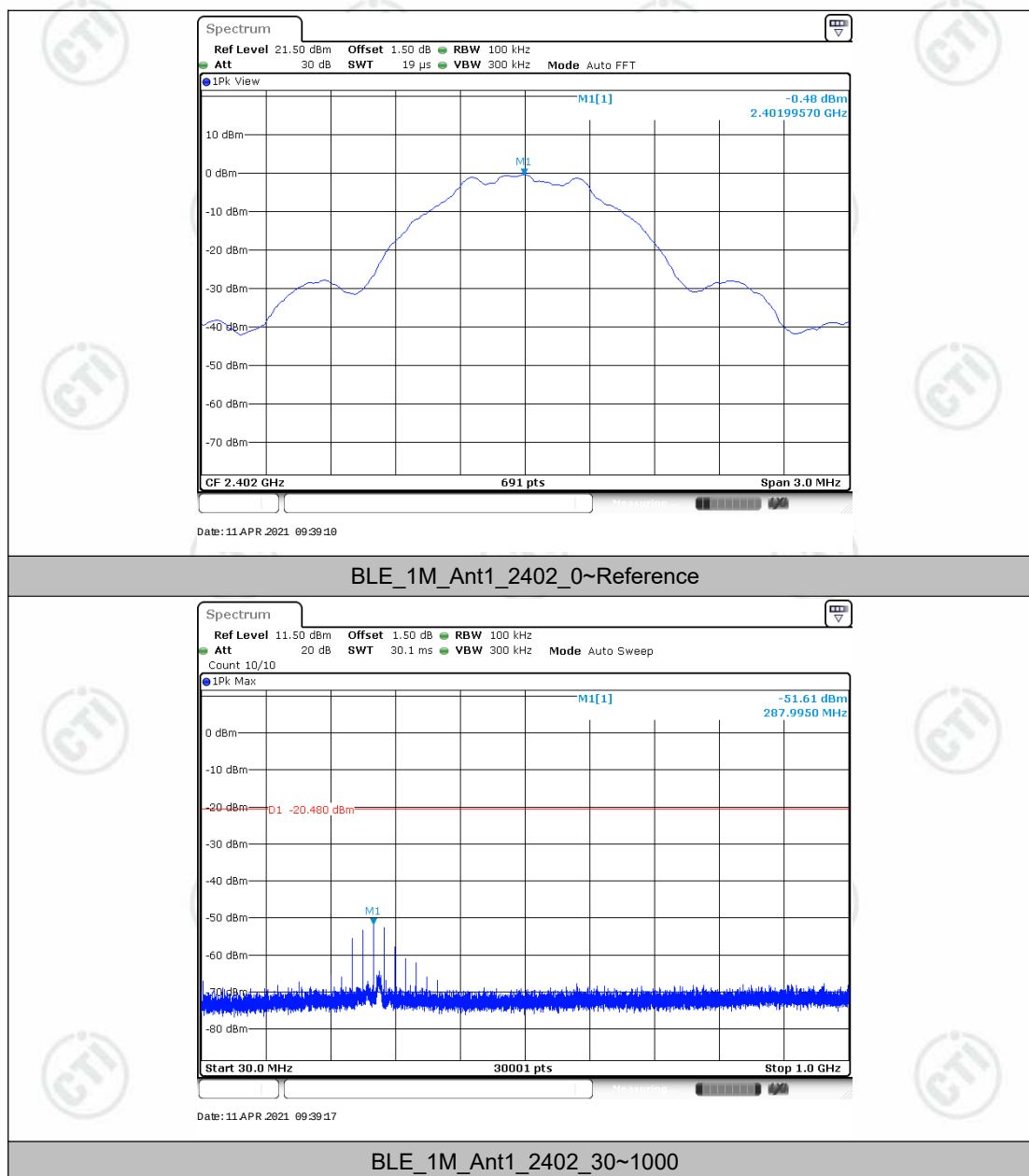


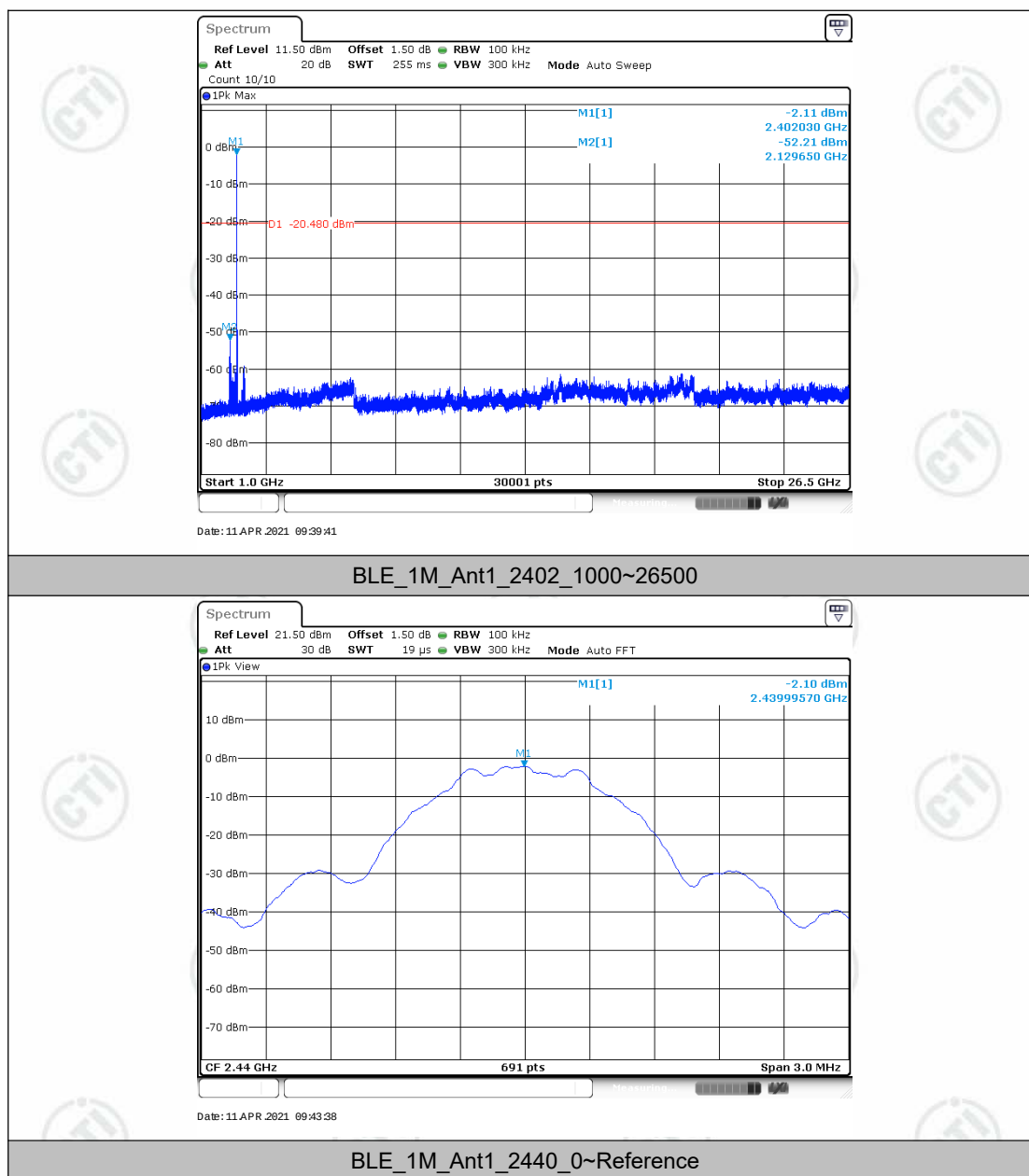
Appendix F: Conducted Spurious Emission

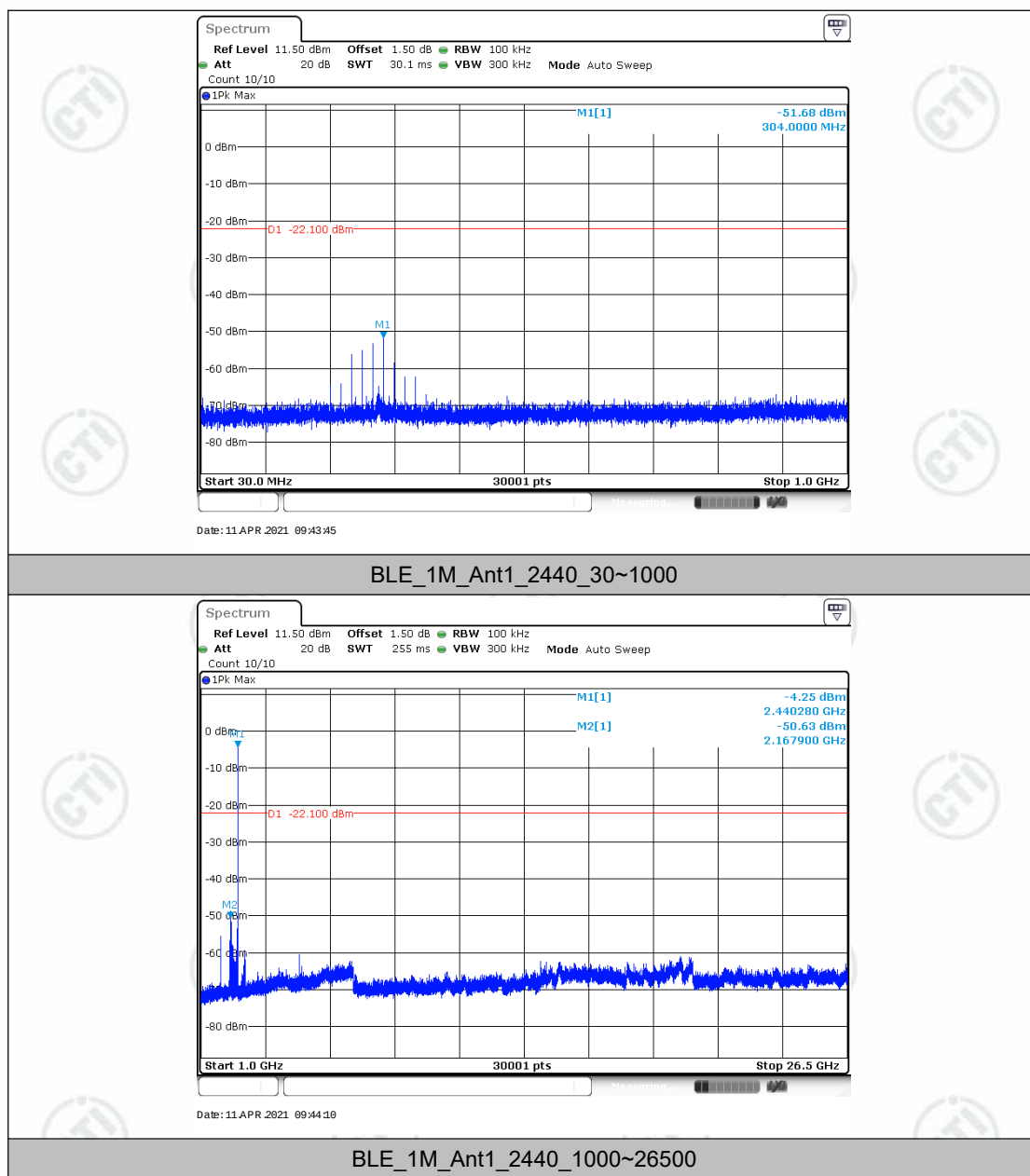
Test Result

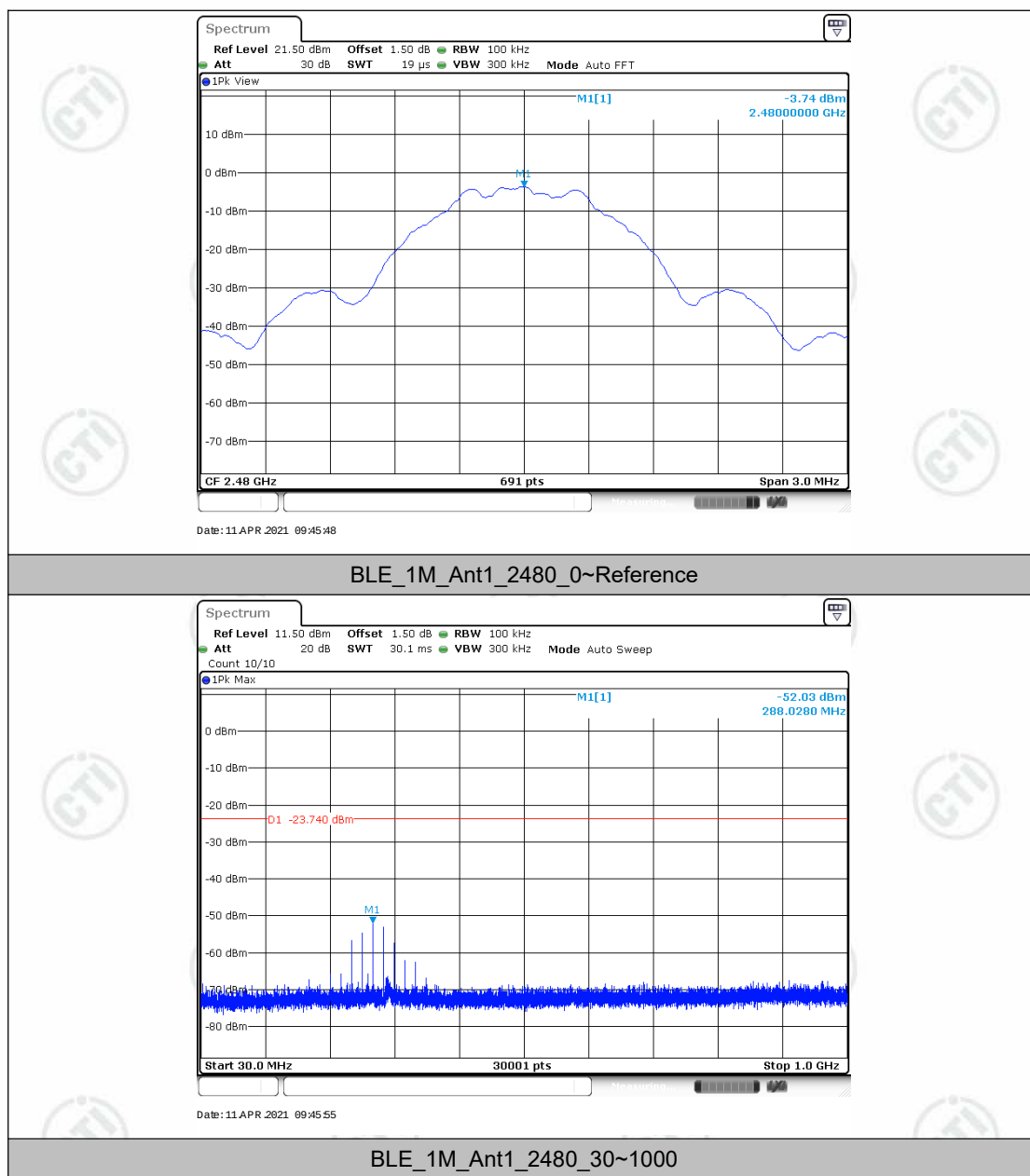
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.48	-0.48	---	PASS
			30~1000	-0.48	-51.61	<=-20.48	PASS
			1000~26500	-0.48	-52.21	<=-20.48	PASS
		2440	Reference	-2.10	-2.10	---	PASS
			30~1000	-2.10	-51.68	<=-22.1	PASS
			1000~26500	-2.10	-50.63	<=-22.1	PASS
		2480	Reference	-3.74	-3.74	---	PASS
			30~1000	-3.74	-52.03	<=-23.74	PASS
			1000~26500	-3.74	-49.64	<=-23.74	PASS

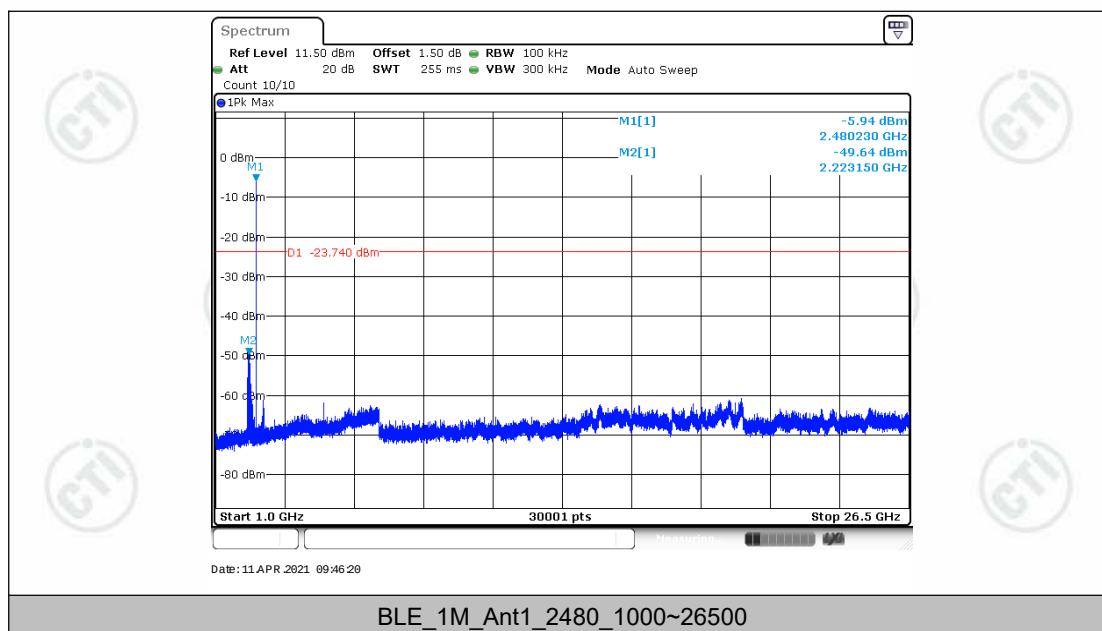
Test Graphs











Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.63	3.29	19.15	---	PASS
		2440	0.63	3.54	17.80	---	PASS
		2480	0.63	3.54	17.80	---	PASS

Test Graphs

