

Appendix: Bluetooth LE

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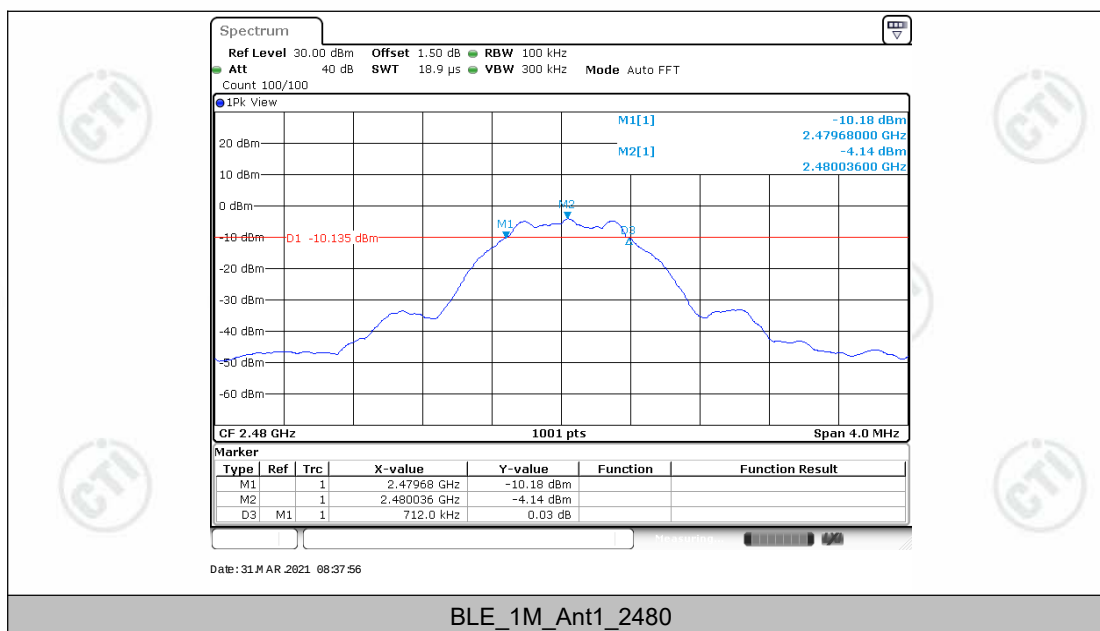
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.720	2401.676	2402.396	0.5	PASS
		2440	0.708	2439.680	2440.388	0.5	PASS
		2480	0.712	2479.680	2480.392	0.5	PASS

Test Graphs





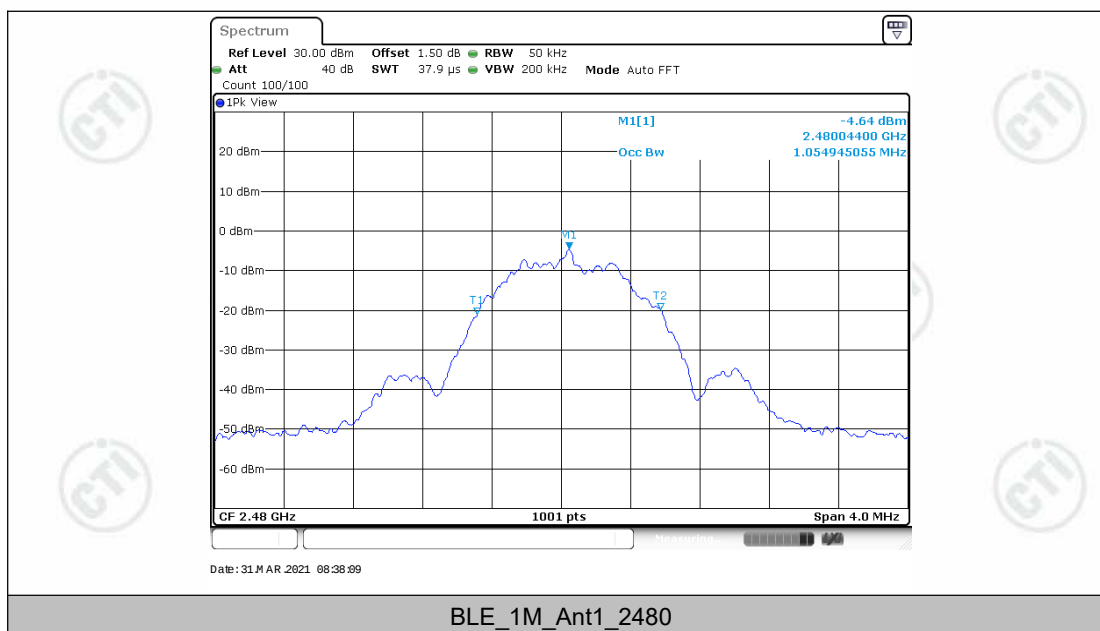
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.051	2401.520	2402.571	---	PASS
		2440	1.051	2439.520	2440.571	---	PASS
		2480	1.055	2479.516	2480.571	---	PASS

Test Graphs



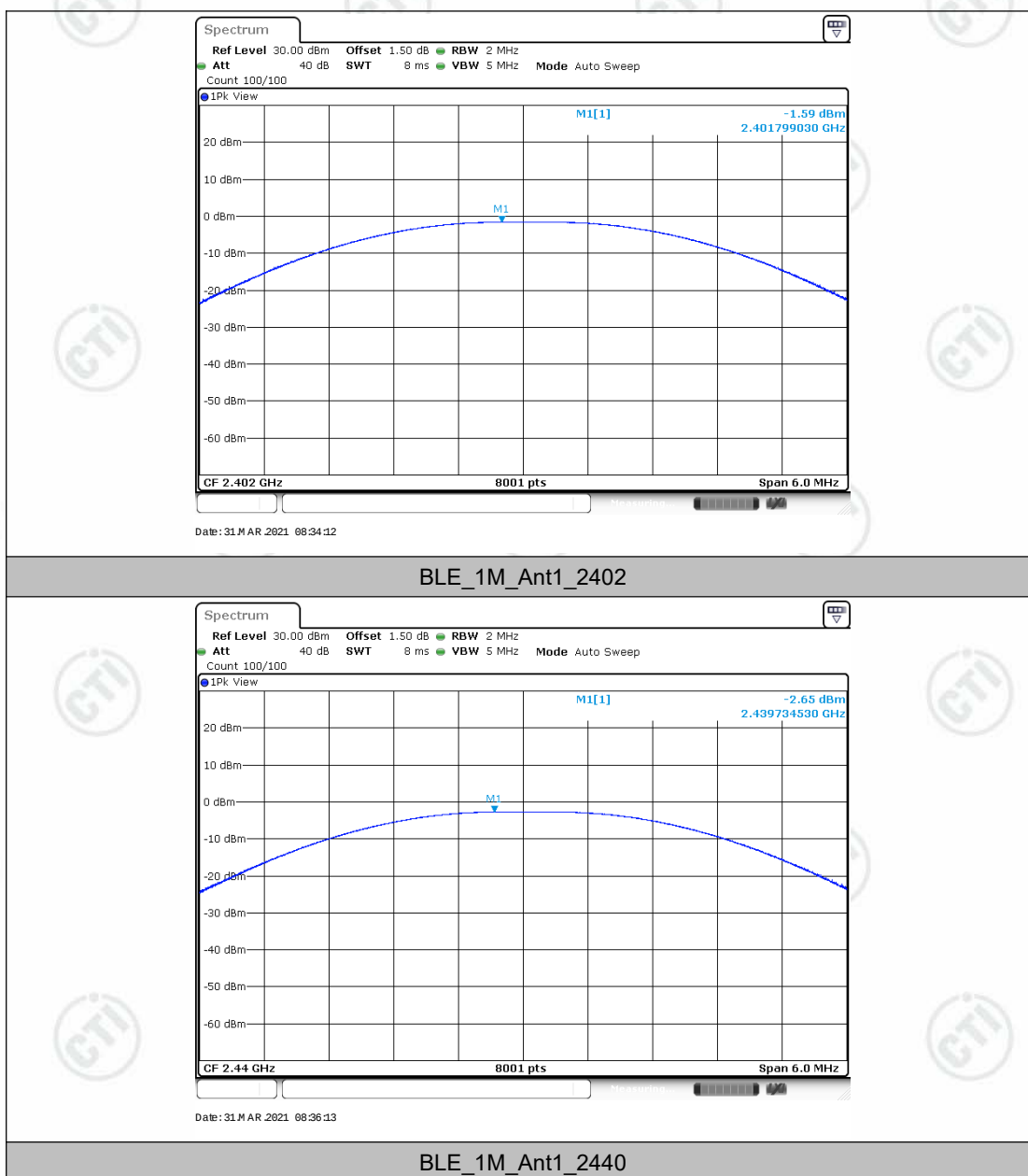


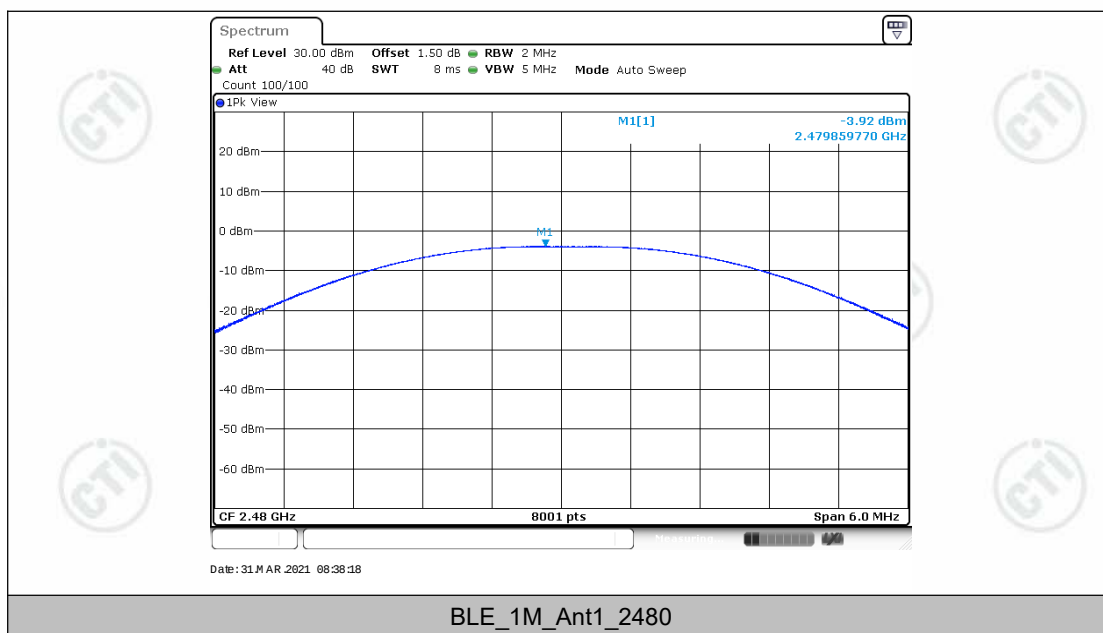
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.59	<=30	PASS
		2440	-2.65	<=30	PASS
		2480	-3.92	<=30	PASS

Test Graphs



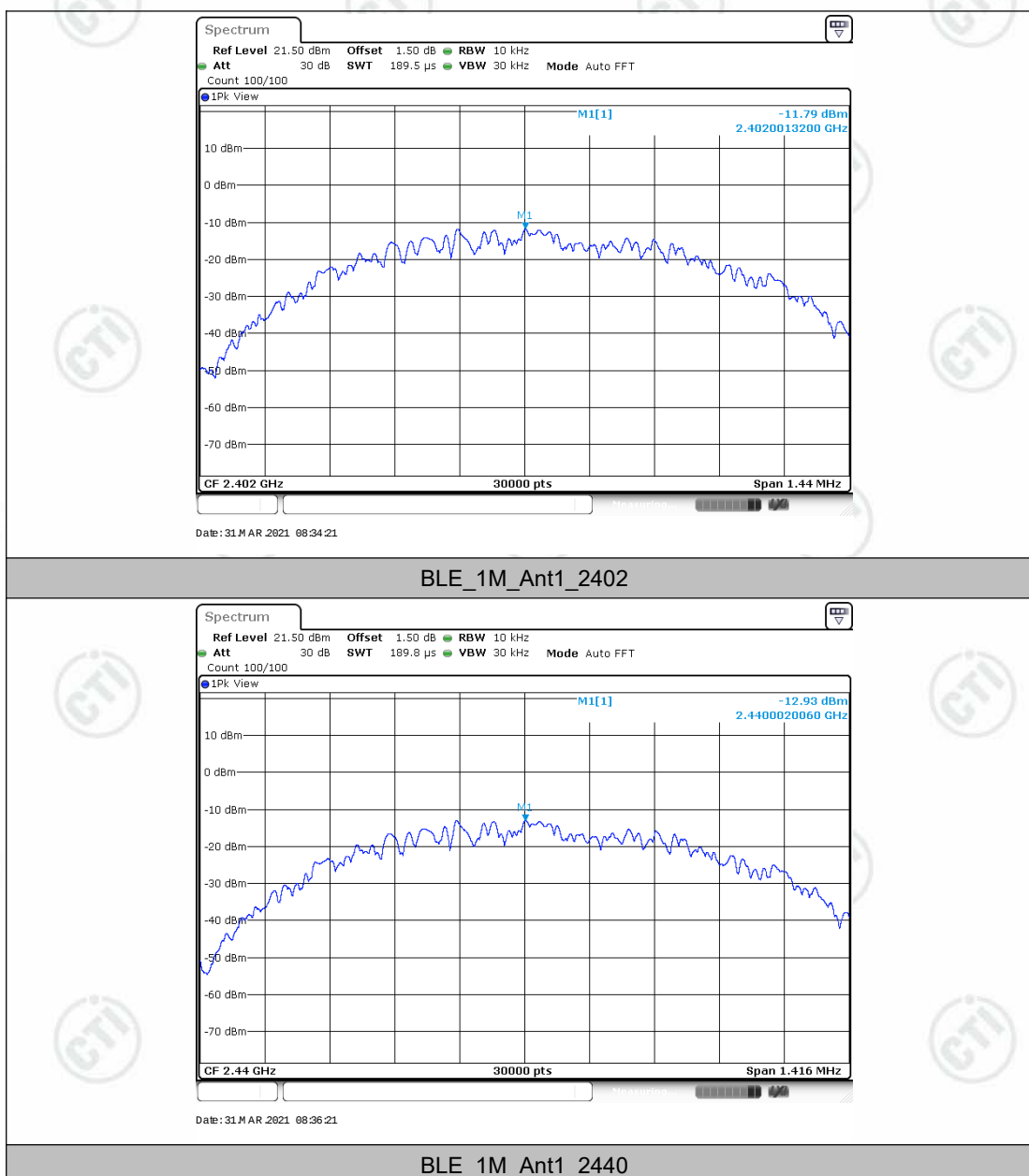


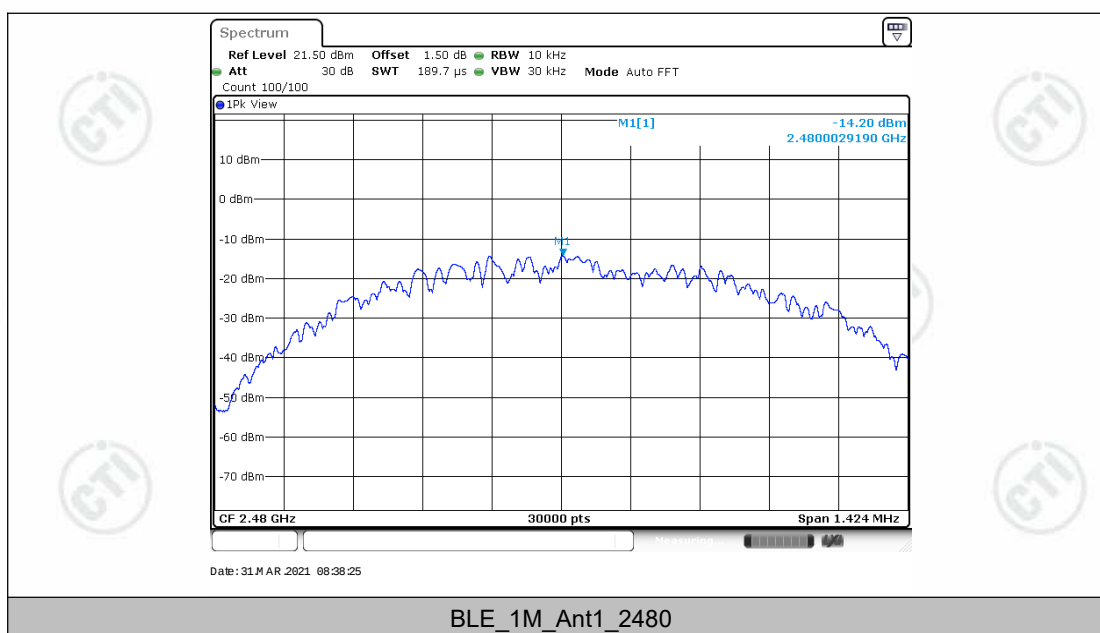
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.79	<=8	PASS
		2440	-12.93	<=8	PASS
		2480	-14.2	<=8	PASS

Test Graphs



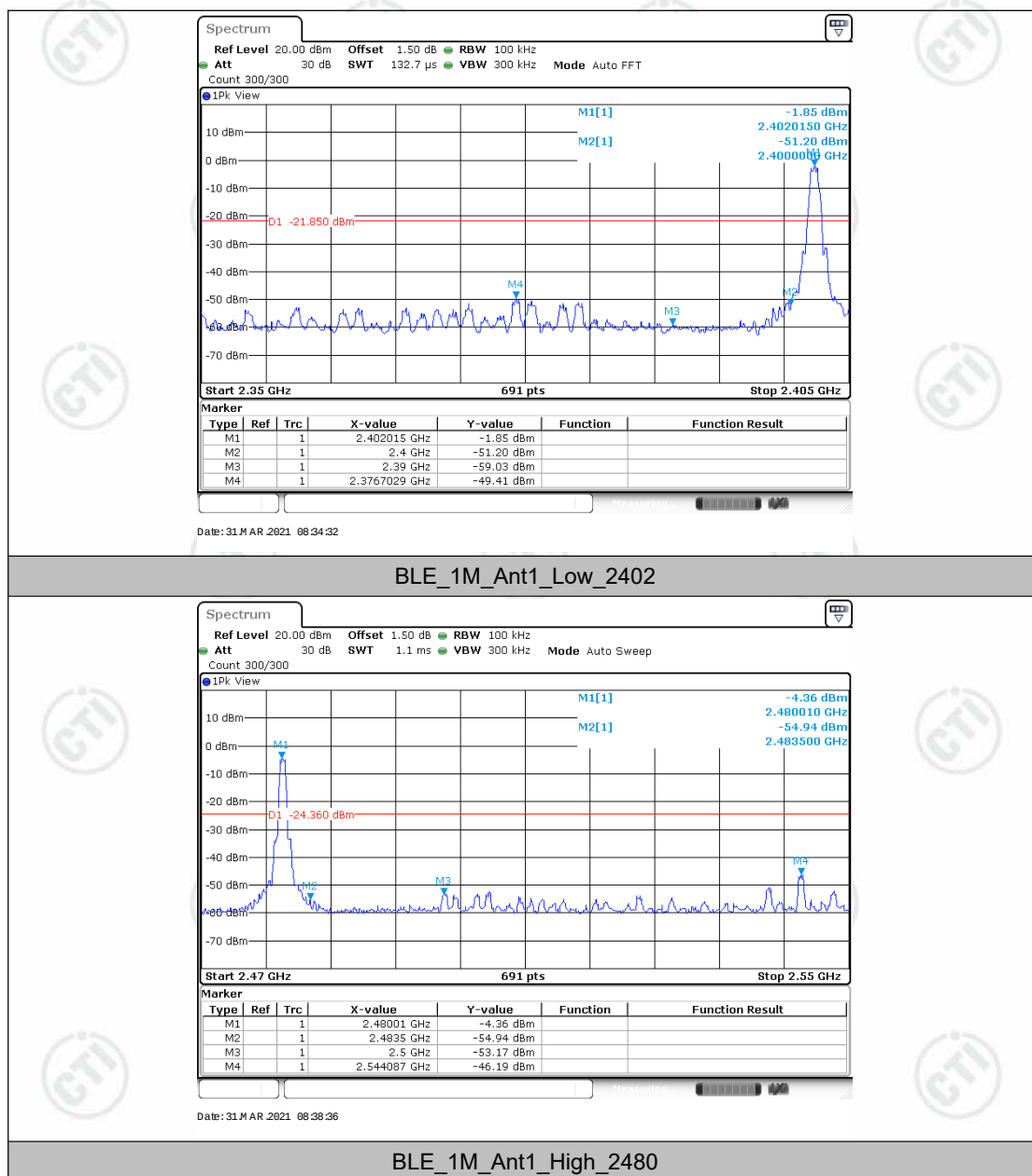


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.85	-49.41	<=-21.85	PASS
		High	2480	-4.36	-46.19	<=-24.36	PASS

Test Graphs

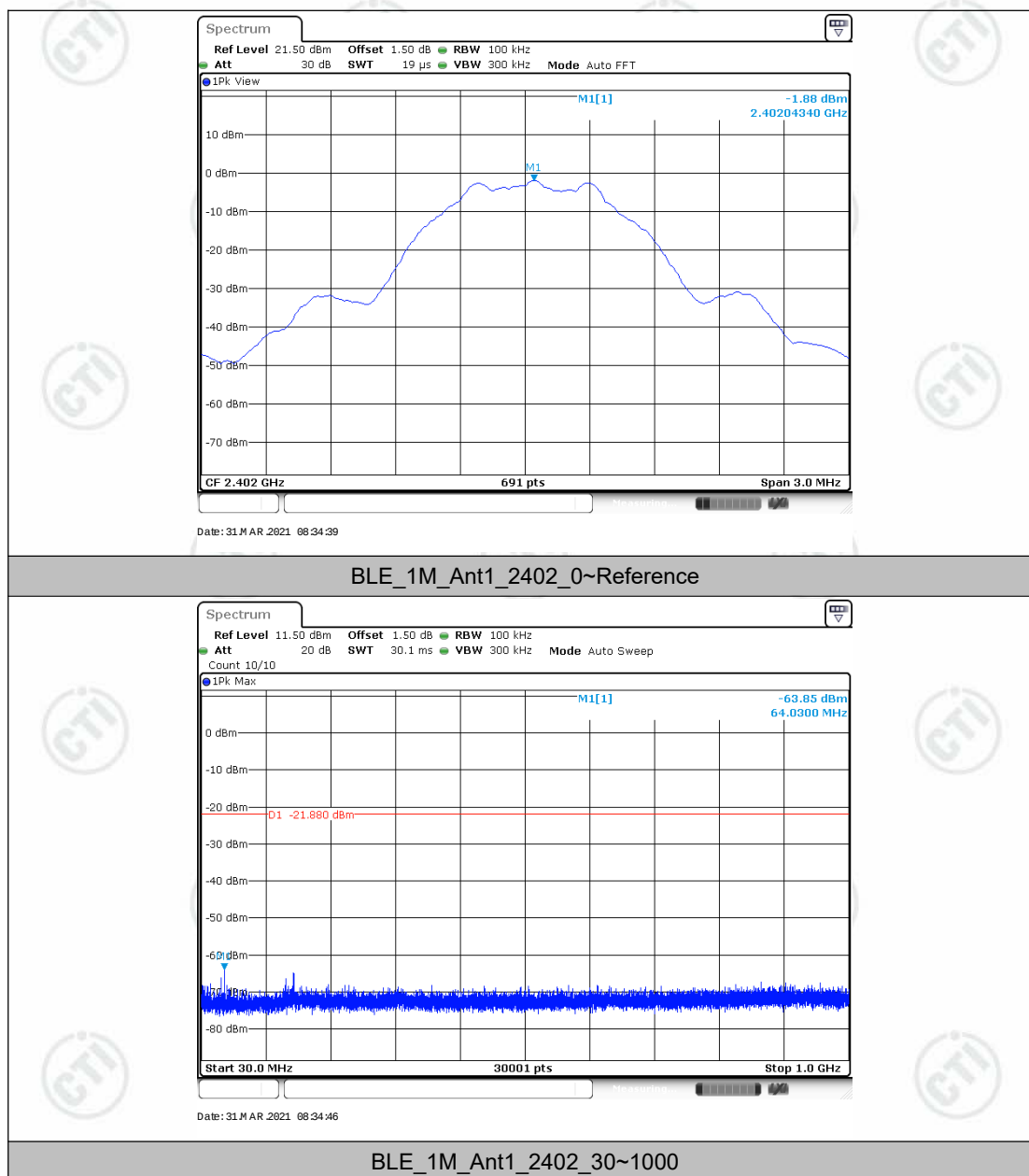


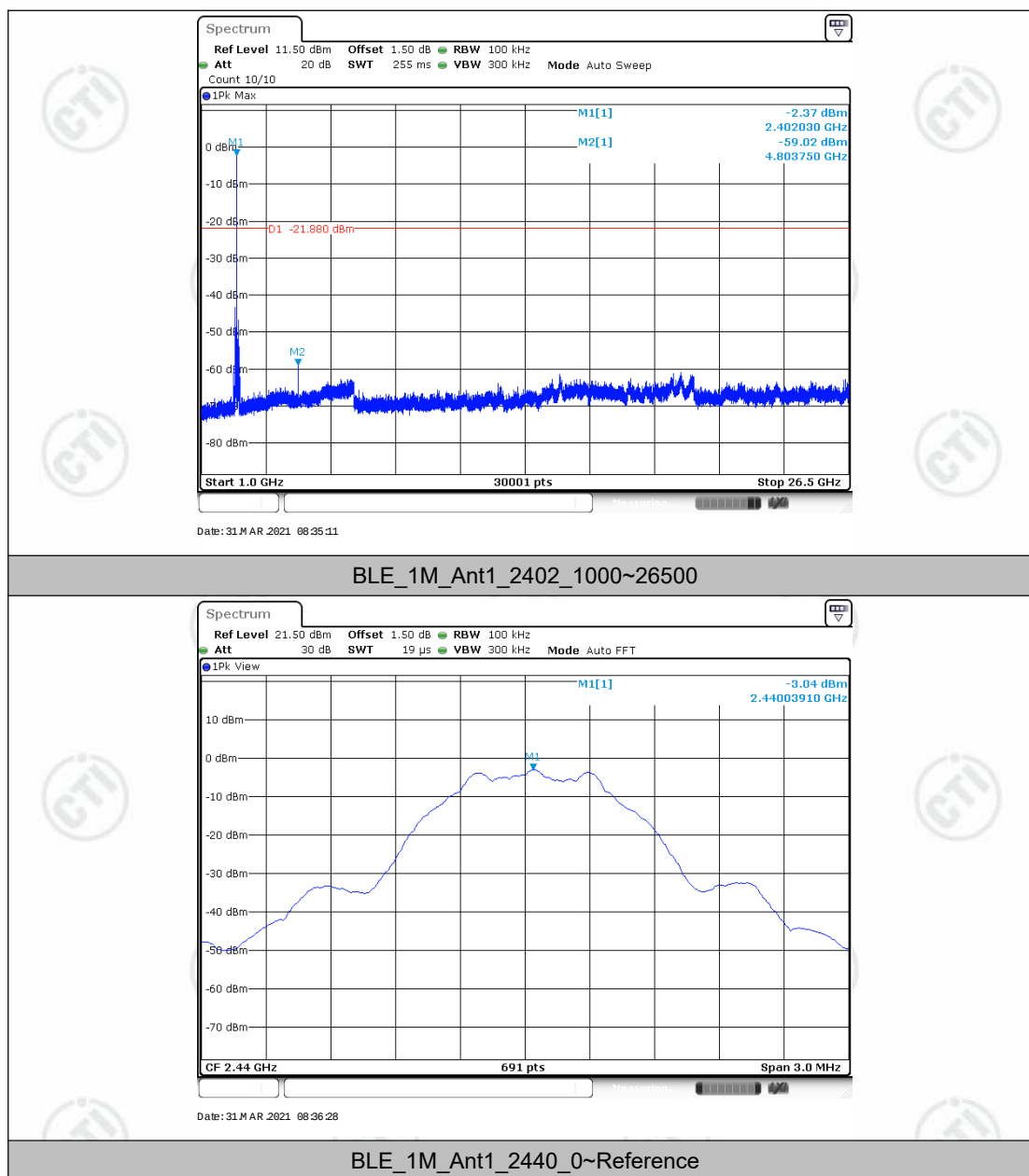
Appendix F: Conducted Spurious Emission

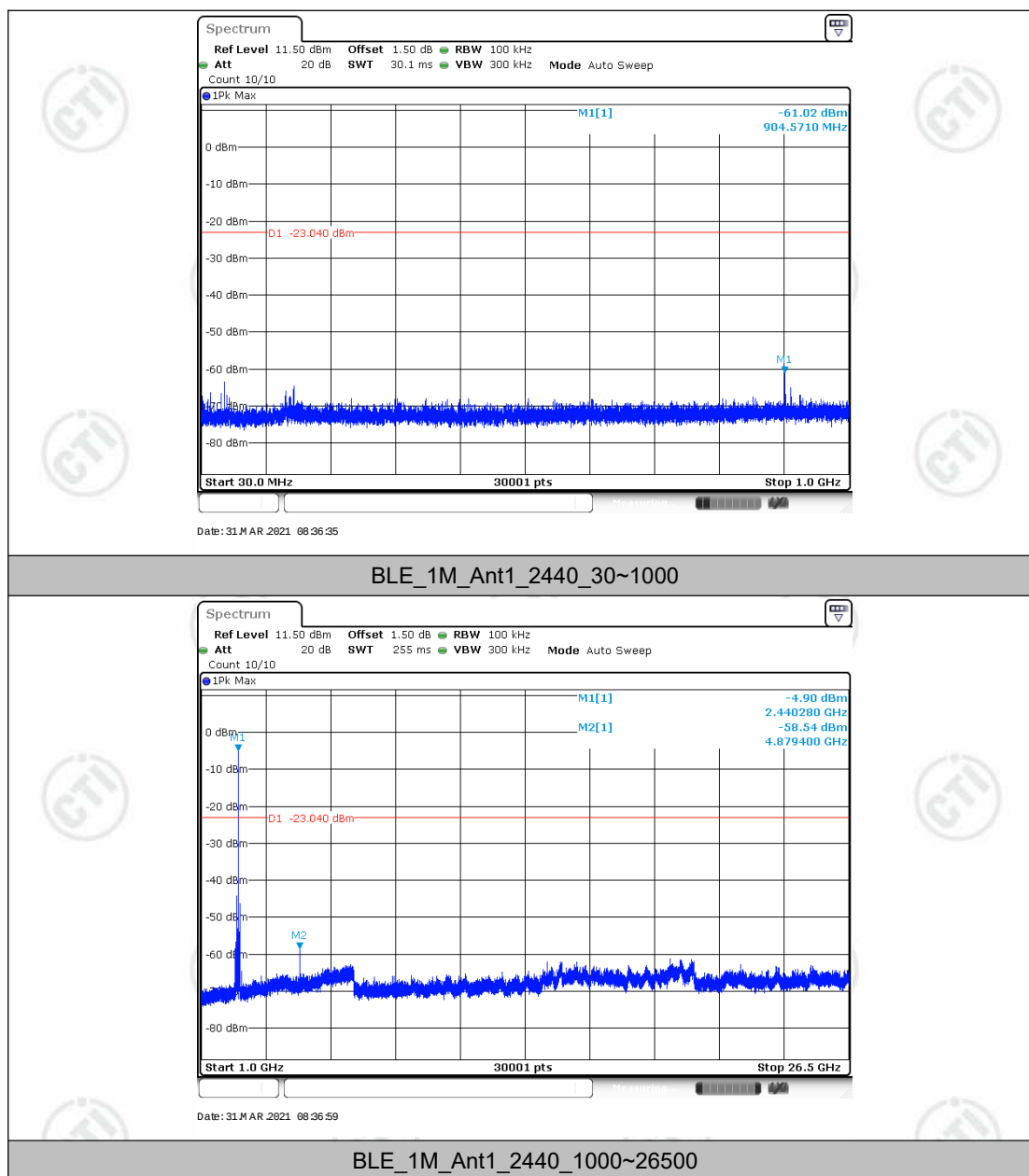
Test Result

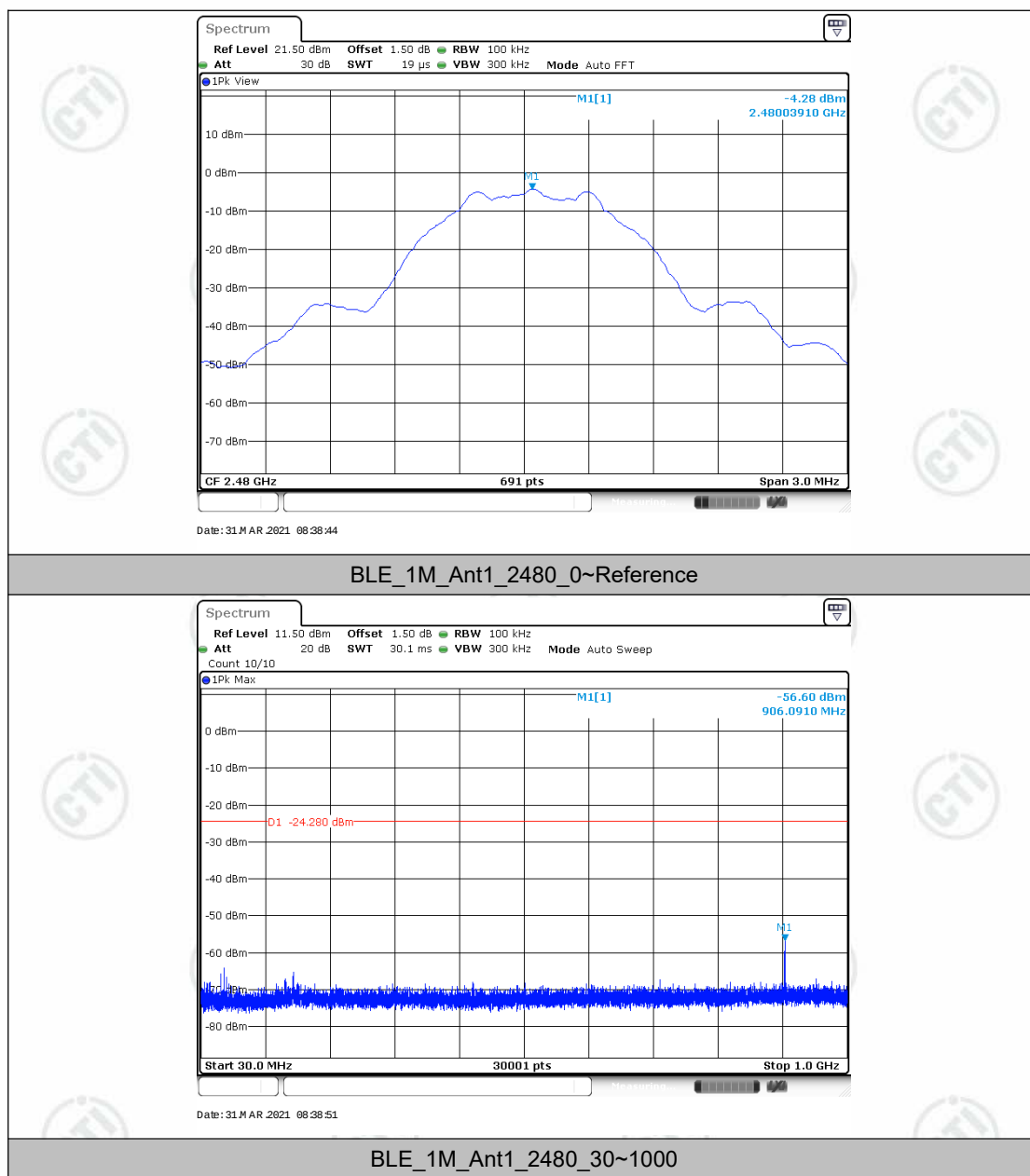
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.88	-1.88	---	PASS
			30~1000	-1.88	-63.85	<=-21.88	PASS
			1000~26500	-1.88	-59.02	<=-21.88	PASS
		2440	Reference	-3.04	-3.04	---	PASS
			30~1000	-3.04	-61.02	<=-23.04	PASS
			1000~26500	-3.04	-58.54	<=-23.04	PASS
		2480	Reference	-4.28	-4.28	---	PASS
			30~1000	-4.28	-56.6	<=-24.28	PASS
			1000~26500	-4.28	-57.51	<=-24.28	PASS

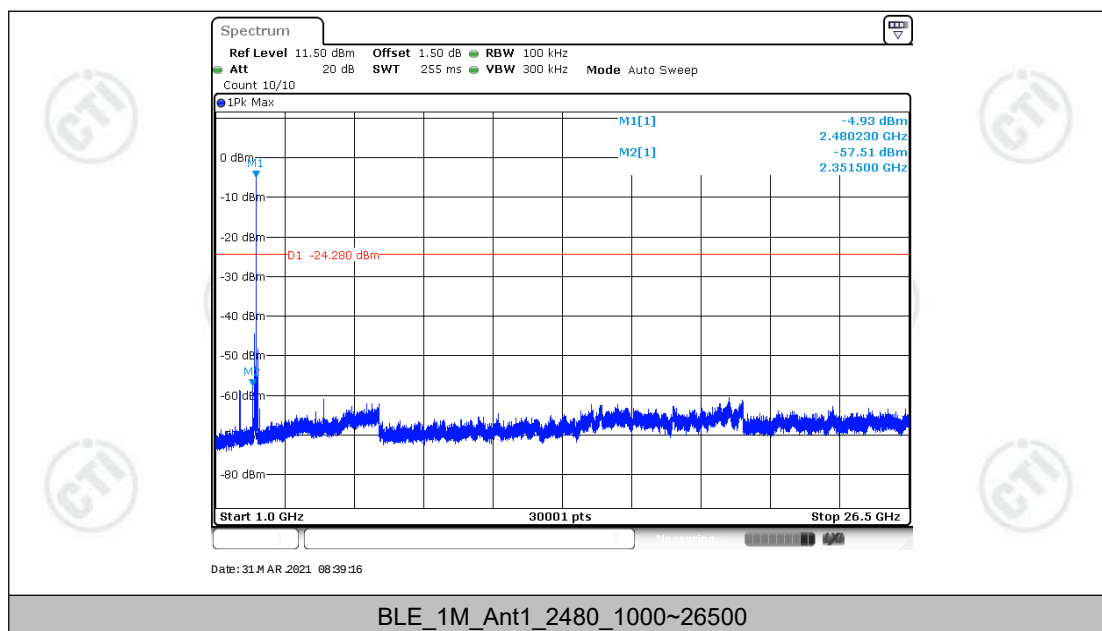
Test Graphs









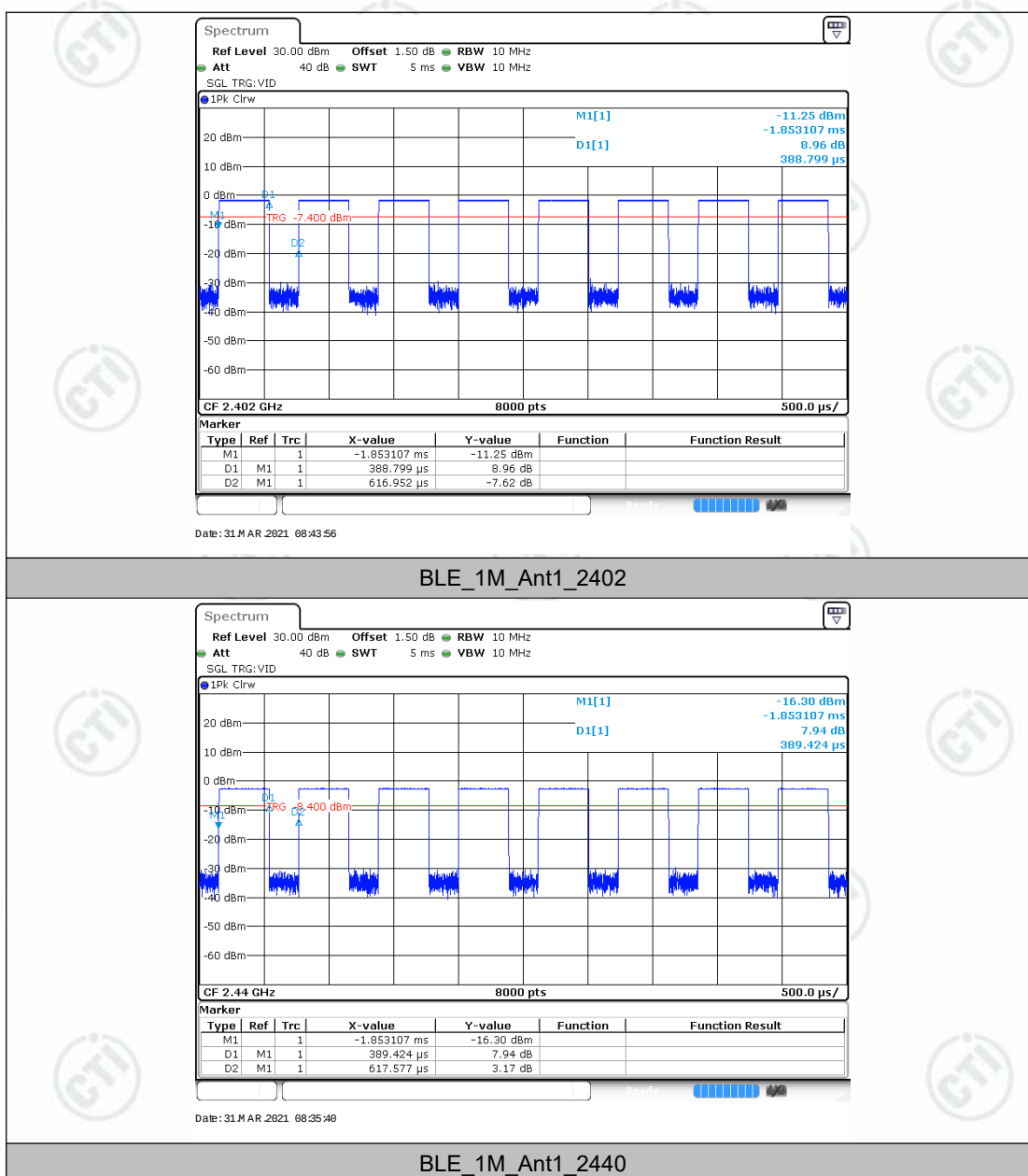


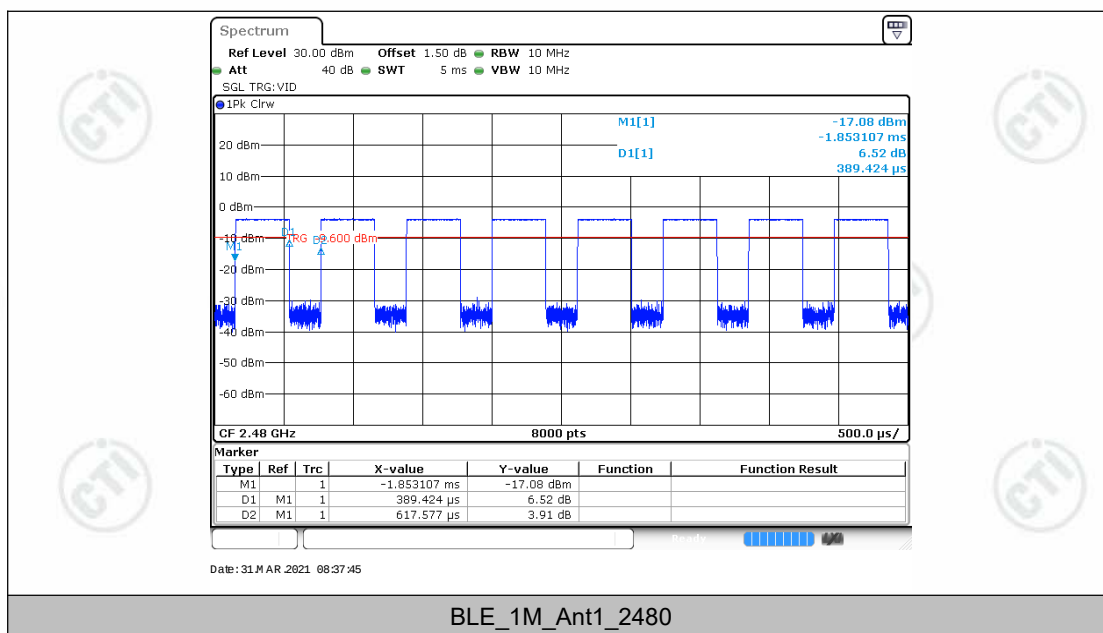
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.62	62.90	---	PASS
		2440	0.39	0.62	62.90	---	PASS
		2480	0.39	0.62	62.90	---	PASS

Test Graphs





*** End of Report ***