

Appendix: Bluetooth LE

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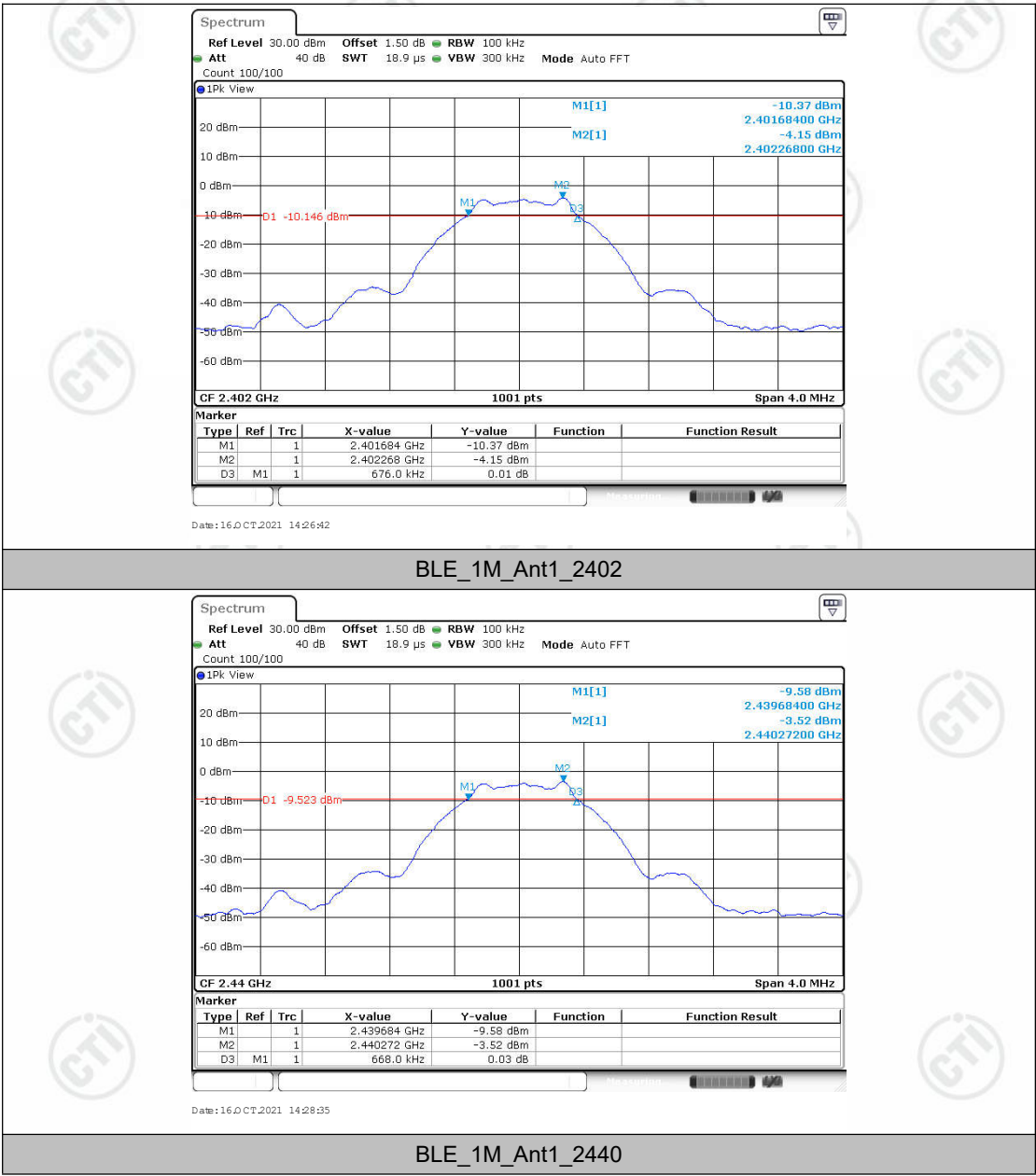
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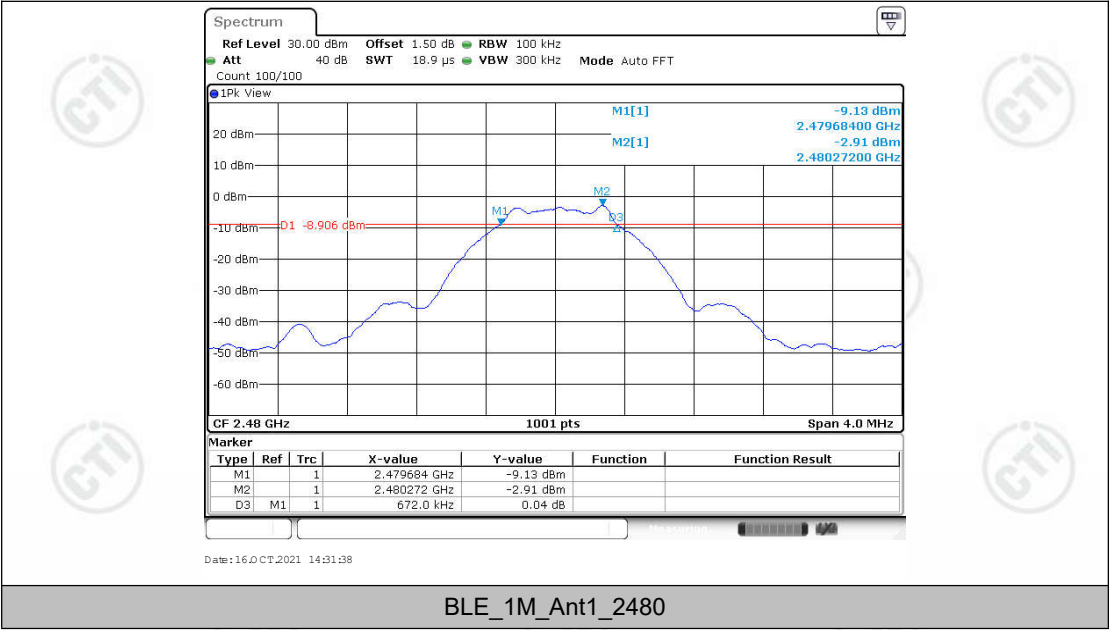
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Appendix A: DTS Bandwidth**Test Result**

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.676	2401.684	2402.360	0.5	PASS
		2440	0.668	2439.684	2440.352	0.5	PASS
		2480	0.672	2479.684	2480.356	0.5	PASS

Test Graphs





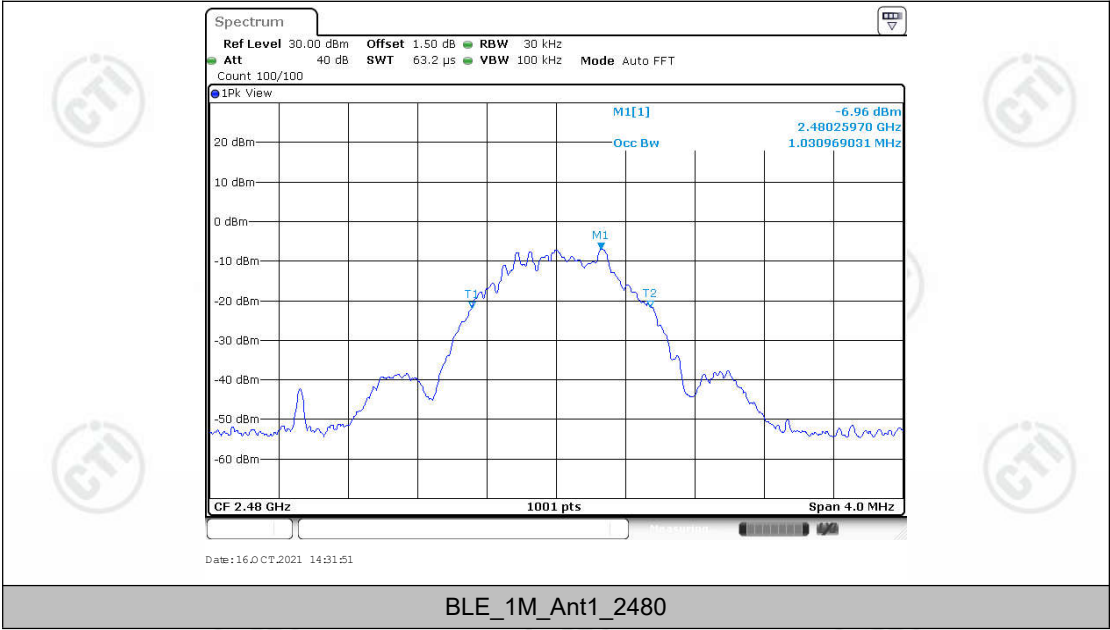
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	2401.512	2402.543	---	PASS
		2440	1.031	2439.512	2440.543	---	PASS
		2480	1.031	2479.512	2480.543	---	PASS

Test Graphs

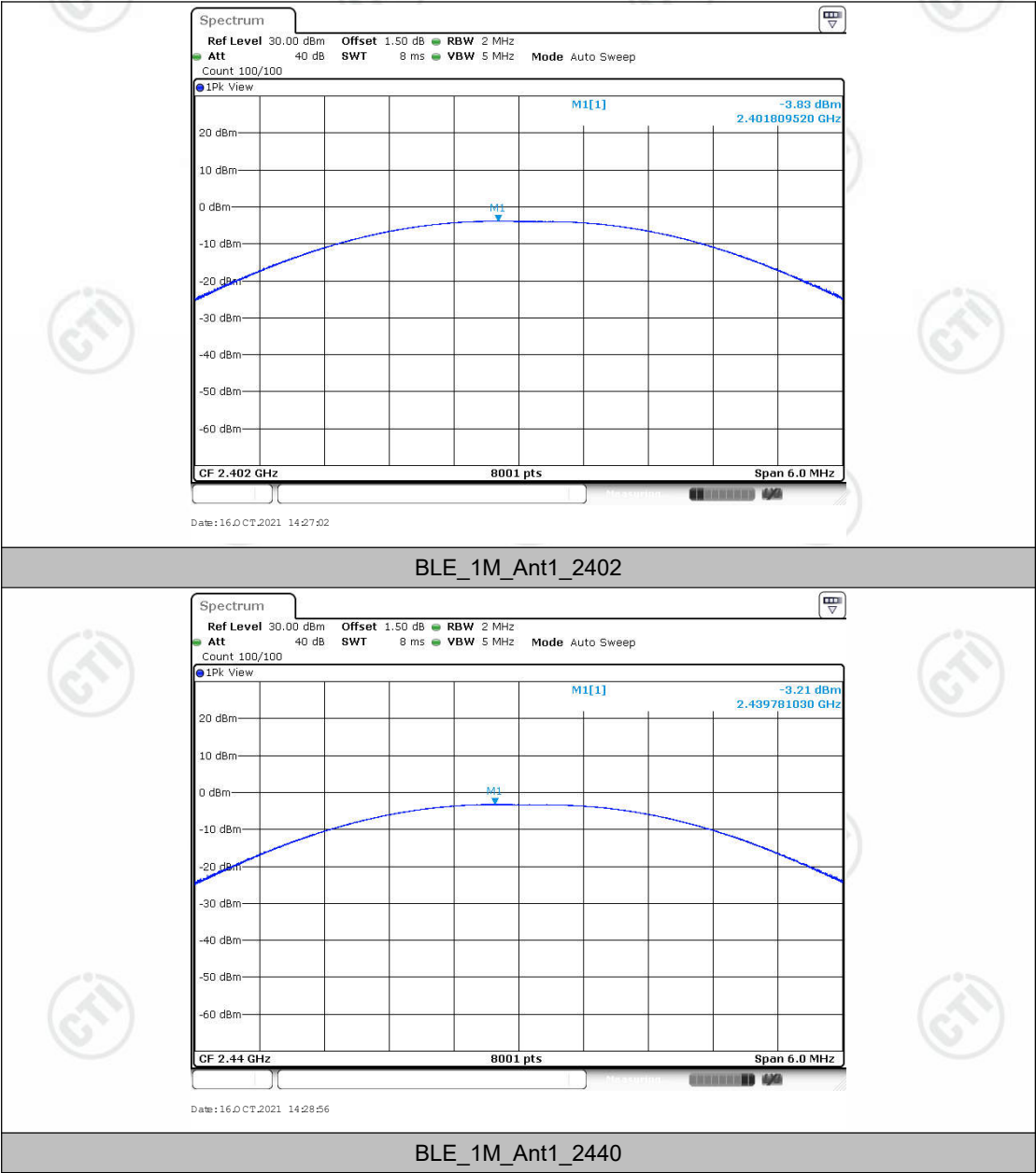


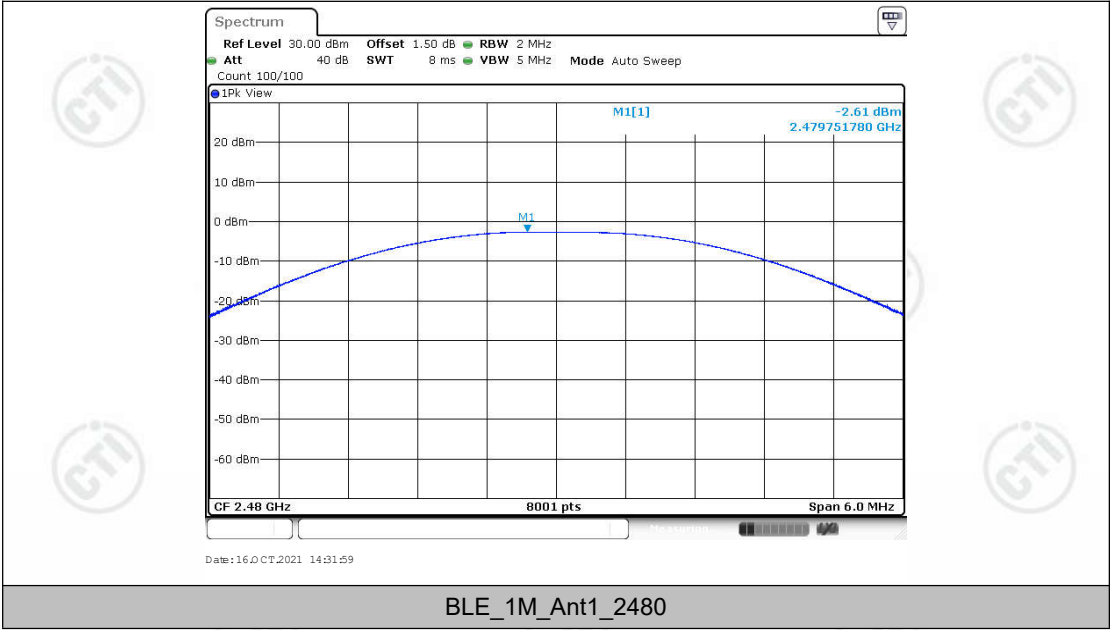


Appendix C: Maximum conducted output power**Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.83	<=30	PASS
		2440	-3.21	<=30	PASS
		2480	-2.61	<=30	PASS

Test Graphs



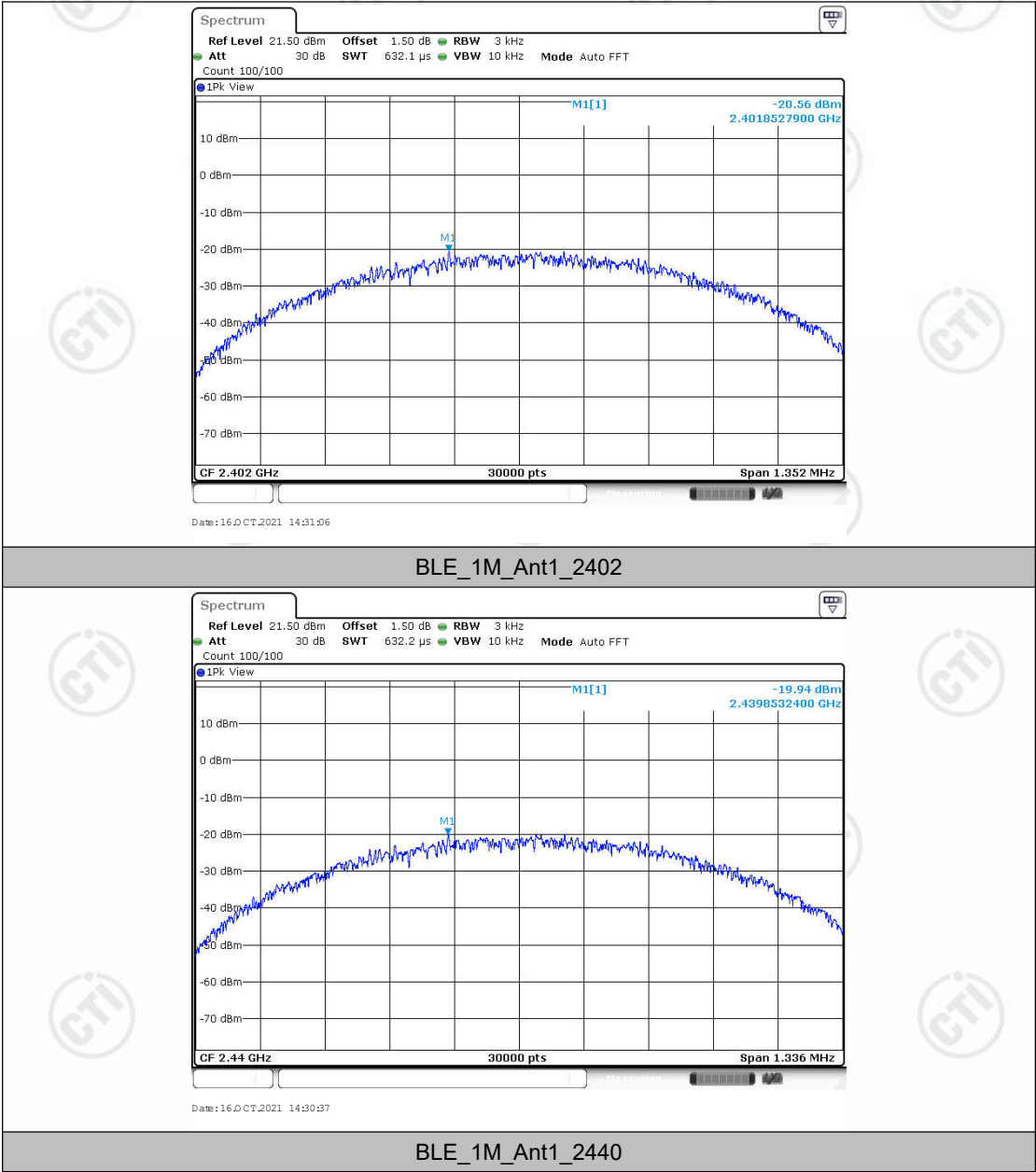


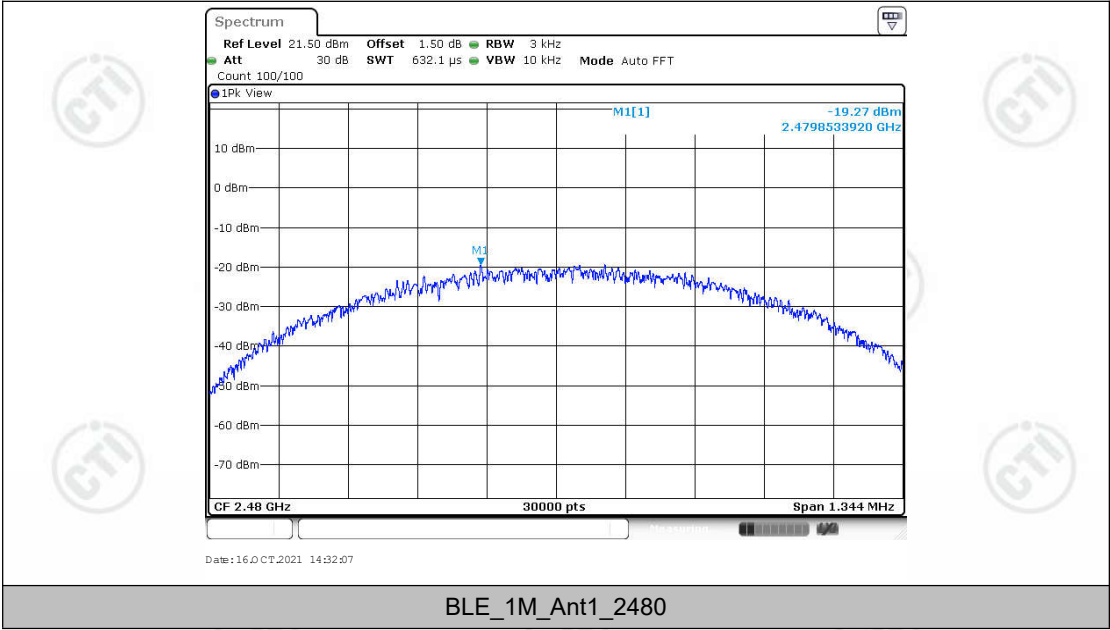
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-20.56	<=8	PASS
		2440	-19.94	<=8	PASS
		2480	-19.27	<=8	PASS

Test Graphs



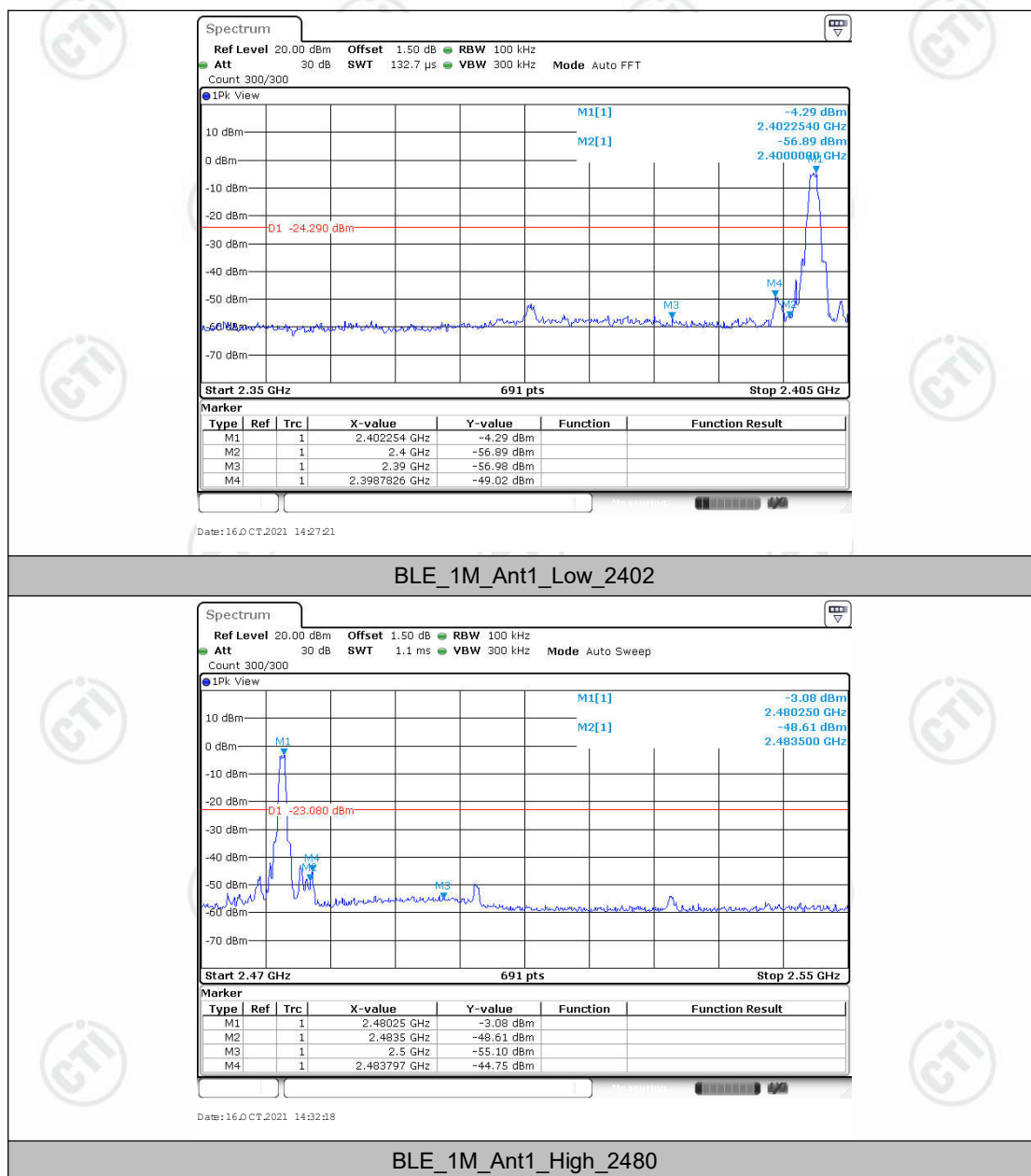


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-4.29	-49.02	<=-24.29	PASS
		High	2480	-3.08	-44.75	<=-23.08	PASS

Test Graphs

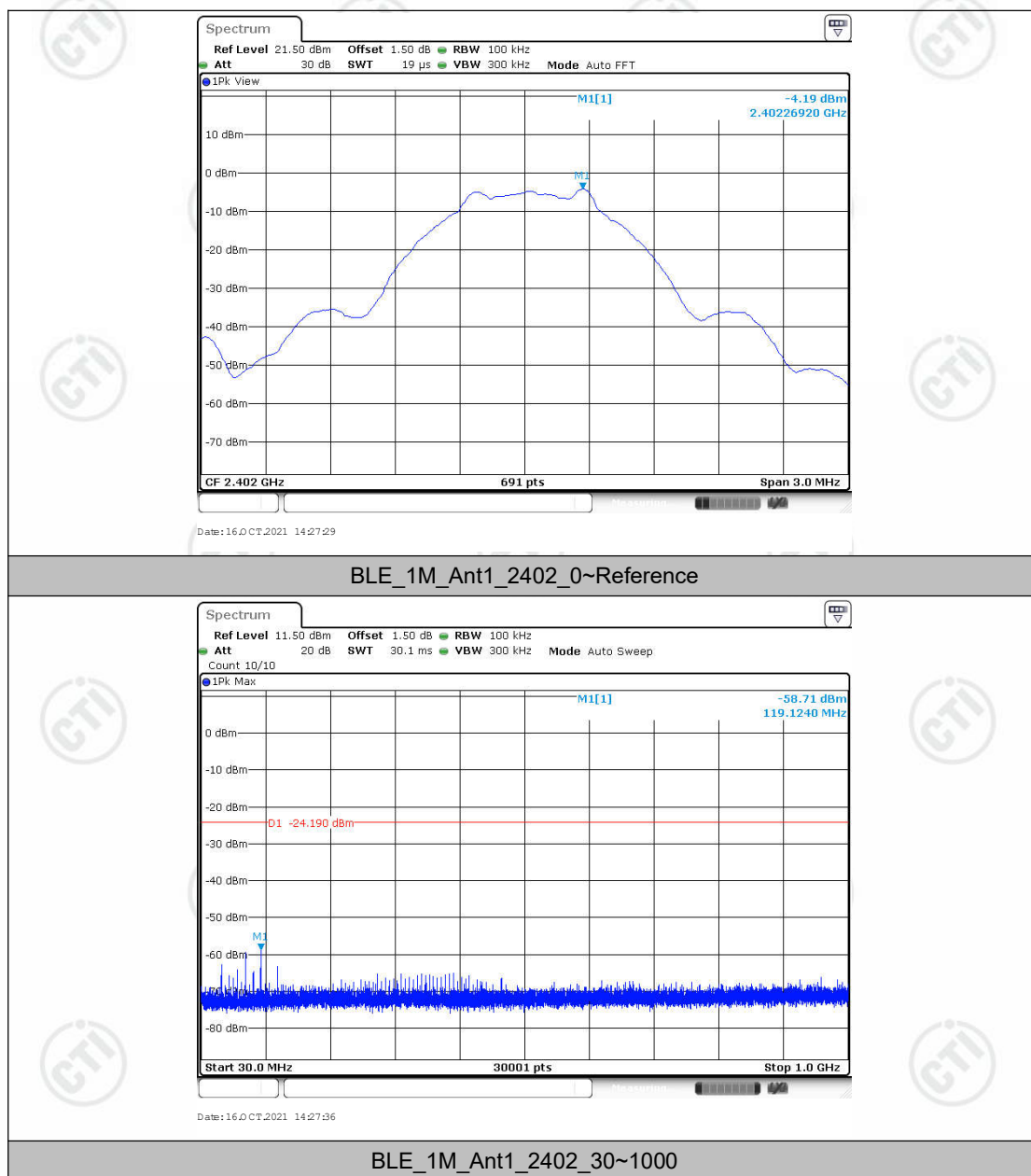


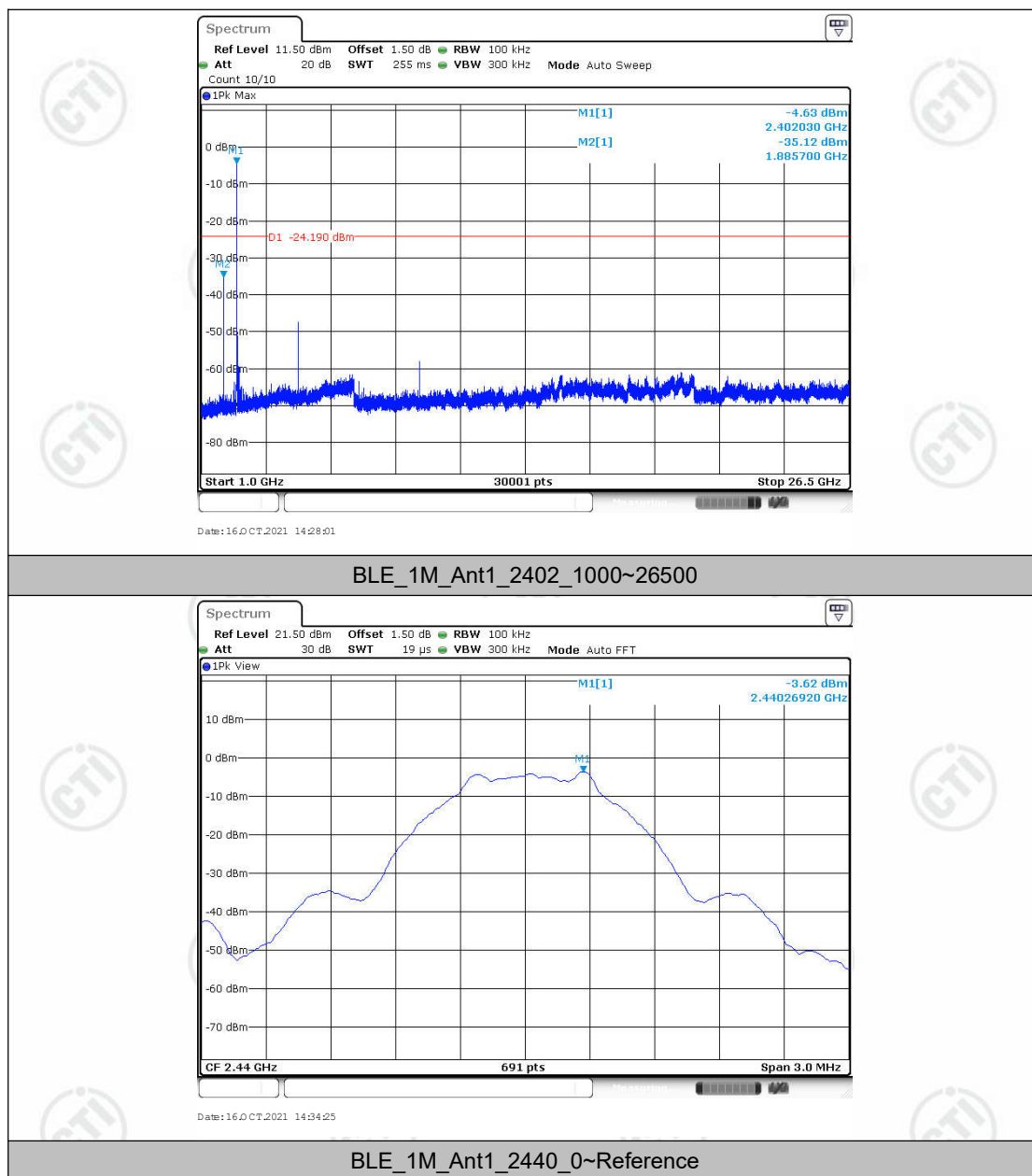
Appendix F: Conducted Spurious Emission

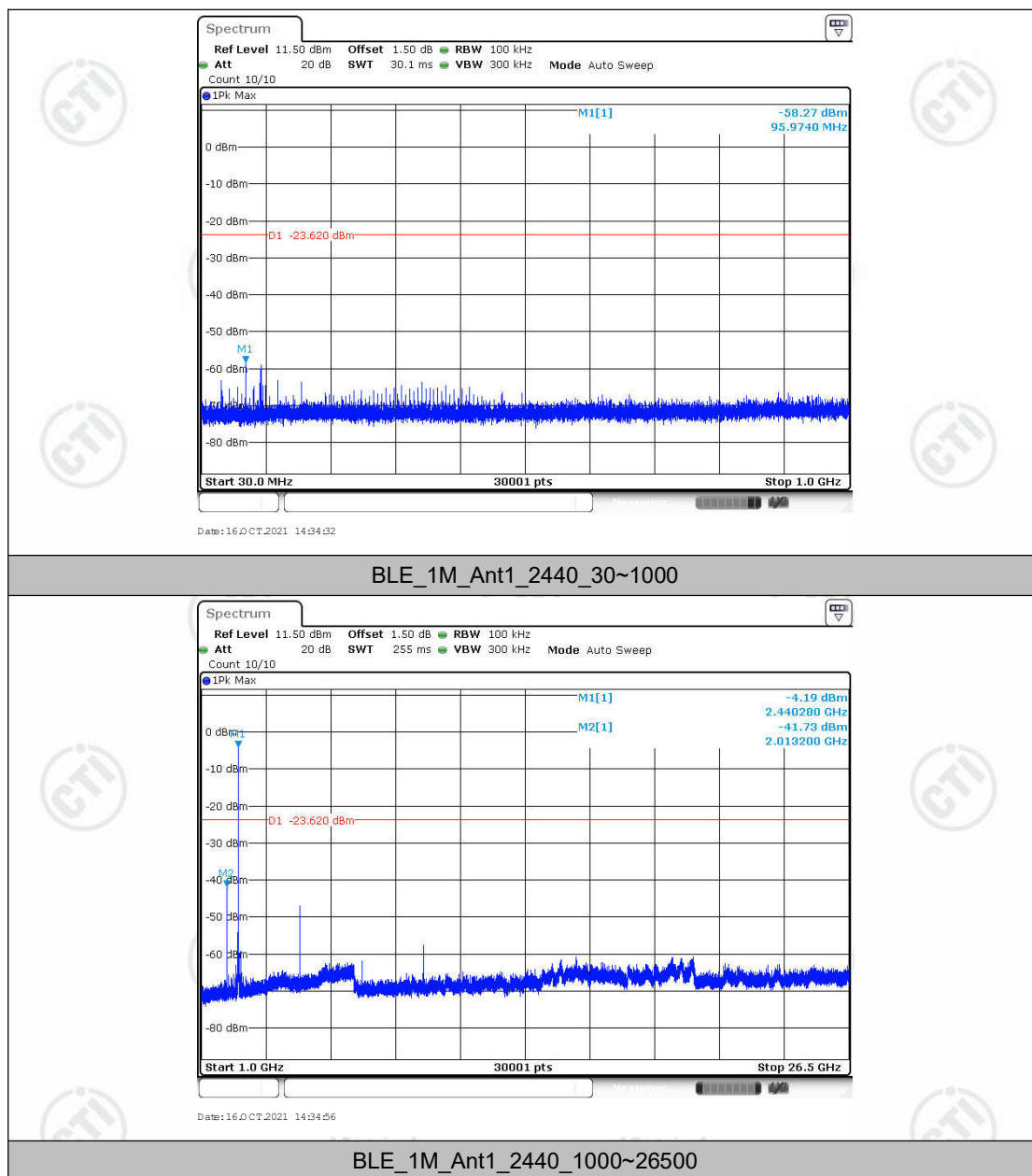
Test Result

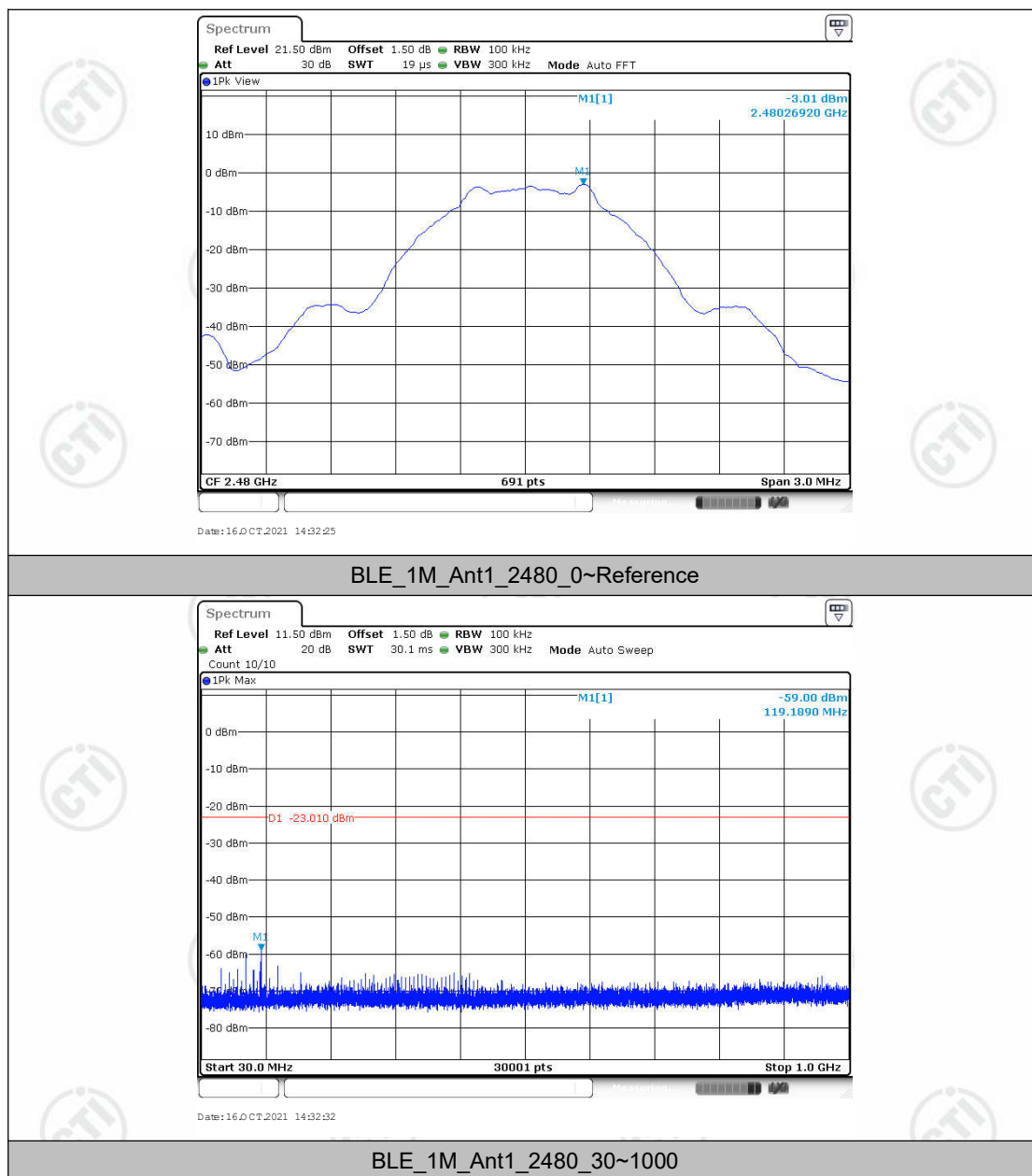
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-4.19	-4.19	---	PASS
			30~1000	-4.19	-58.71	<=-24.19	PASS
			1000~26500	-4.19	-35.12	<=-24.19	PASS
		2440	Reference	-3.62	-3.62	---	PASS
			30~1000	-3.62	-58.27	<=-23.62	PASS
			1000~26500	-3.62	-41.73	<=-23.62	PASS
		2480	Reference	-3.01	-3.01	---	PASS
			30~1000	-3.01	-59	<=-23.01	PASS
			1000~26500	-3.01	-37.27	<=-23.01	PASS

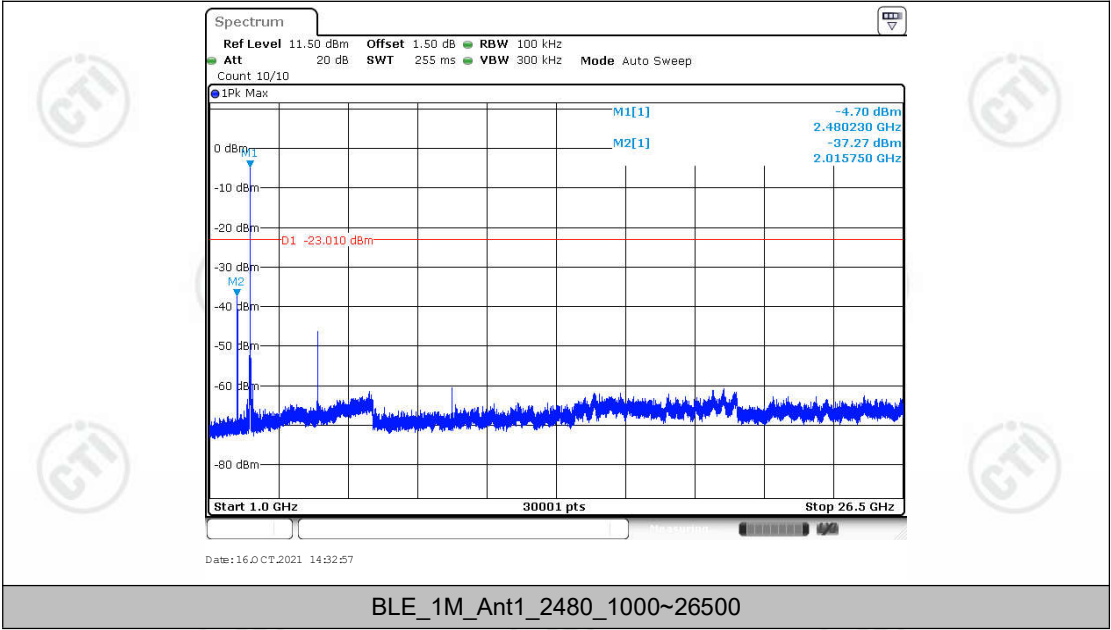
Test Graphs









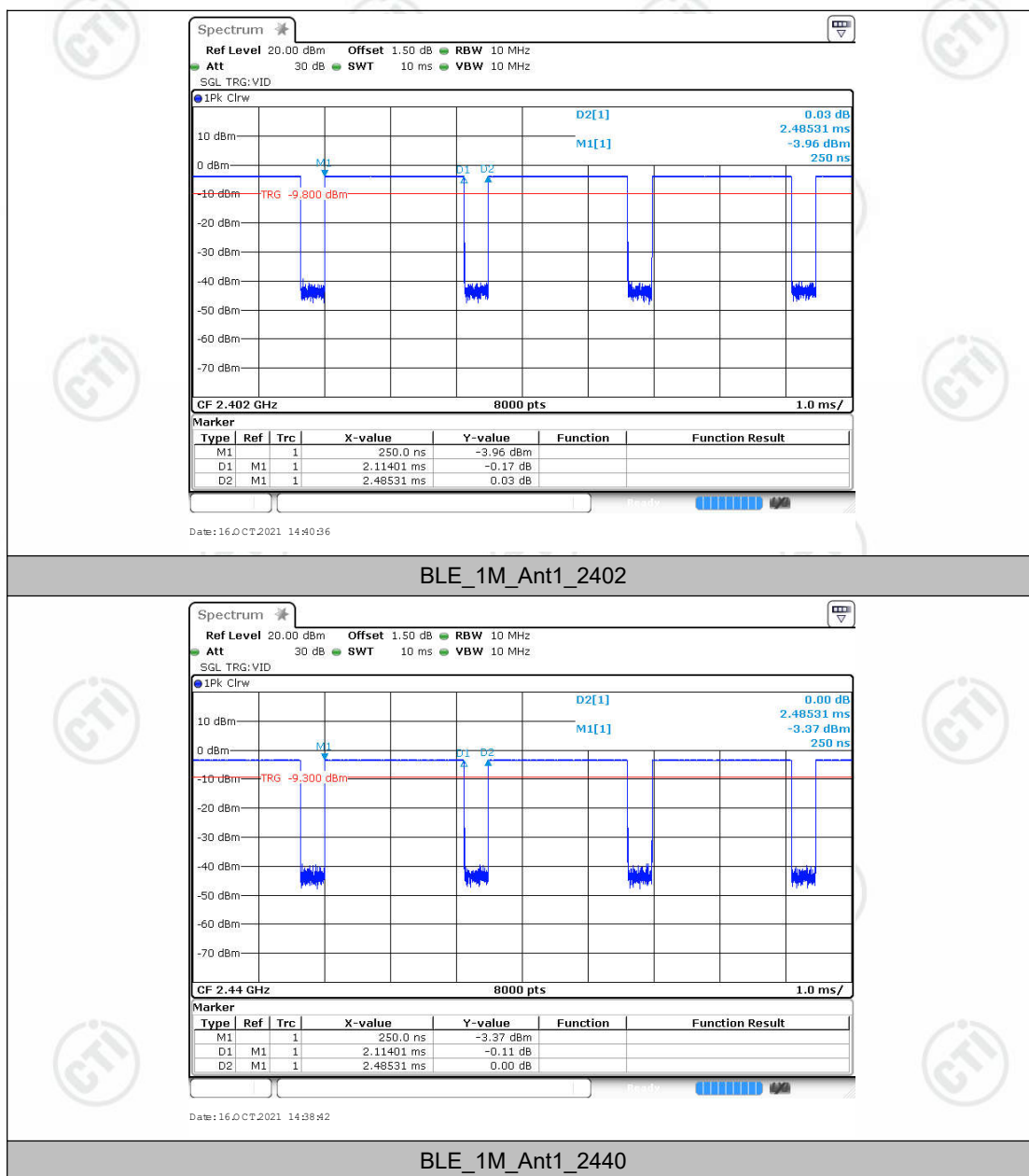


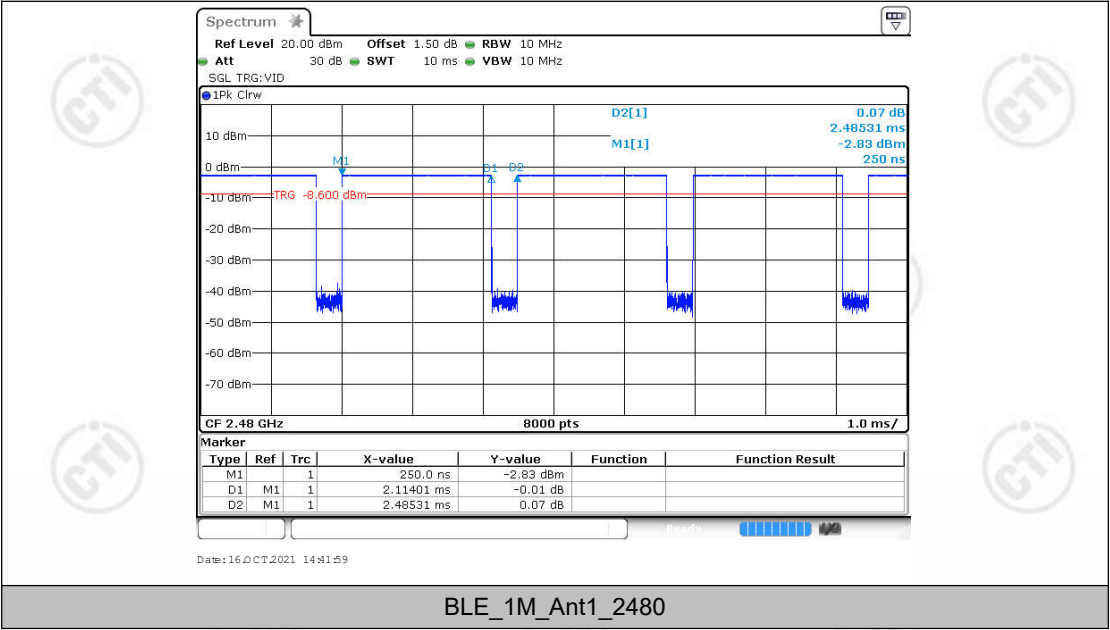
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	2.11401	2.48531	85.06	---	PASS
		2440	2.11401	2.48531	85.06	---	PASS
		2480	2.11401	2.48531	85.06	---	PASS

Test Graphs





*** End of Report ***