

Appendix: Bluetooth LE

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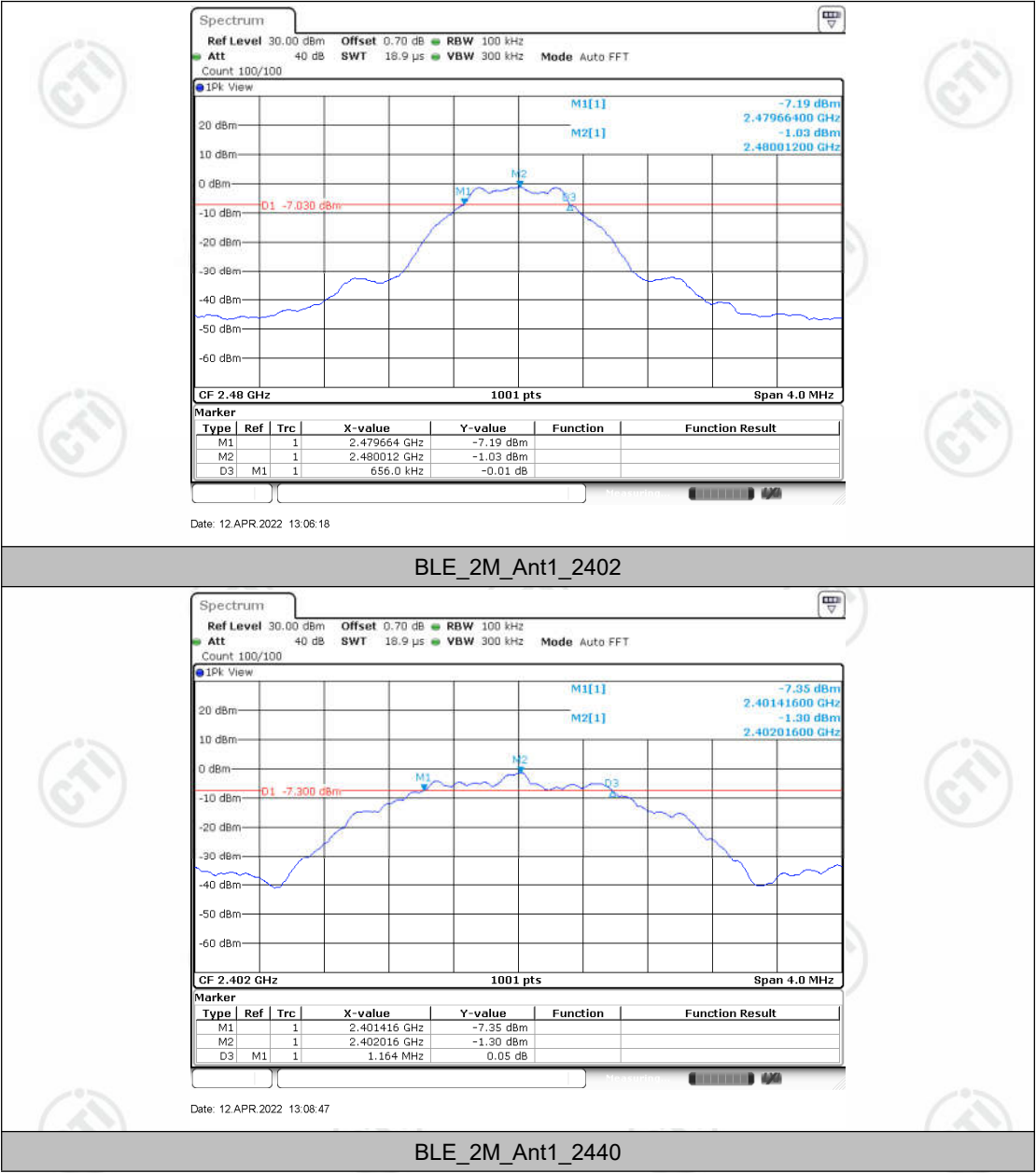
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.656	2401.664	2402.320	0.5	PASS
		2440	0.656	2439.664	2440.320	0.5	PASS
		2480	0.656	2479.664	2480.320	0.5	PASS
BLE_2M	Ant1	2402	1.164	2401.416	2402.580	0.5	PASS
		2440	1.164	2439.416	2440.580	0.5	PASS
		2480	1.164	2479.416	2480.580	0.5	PASS

Test Graphs





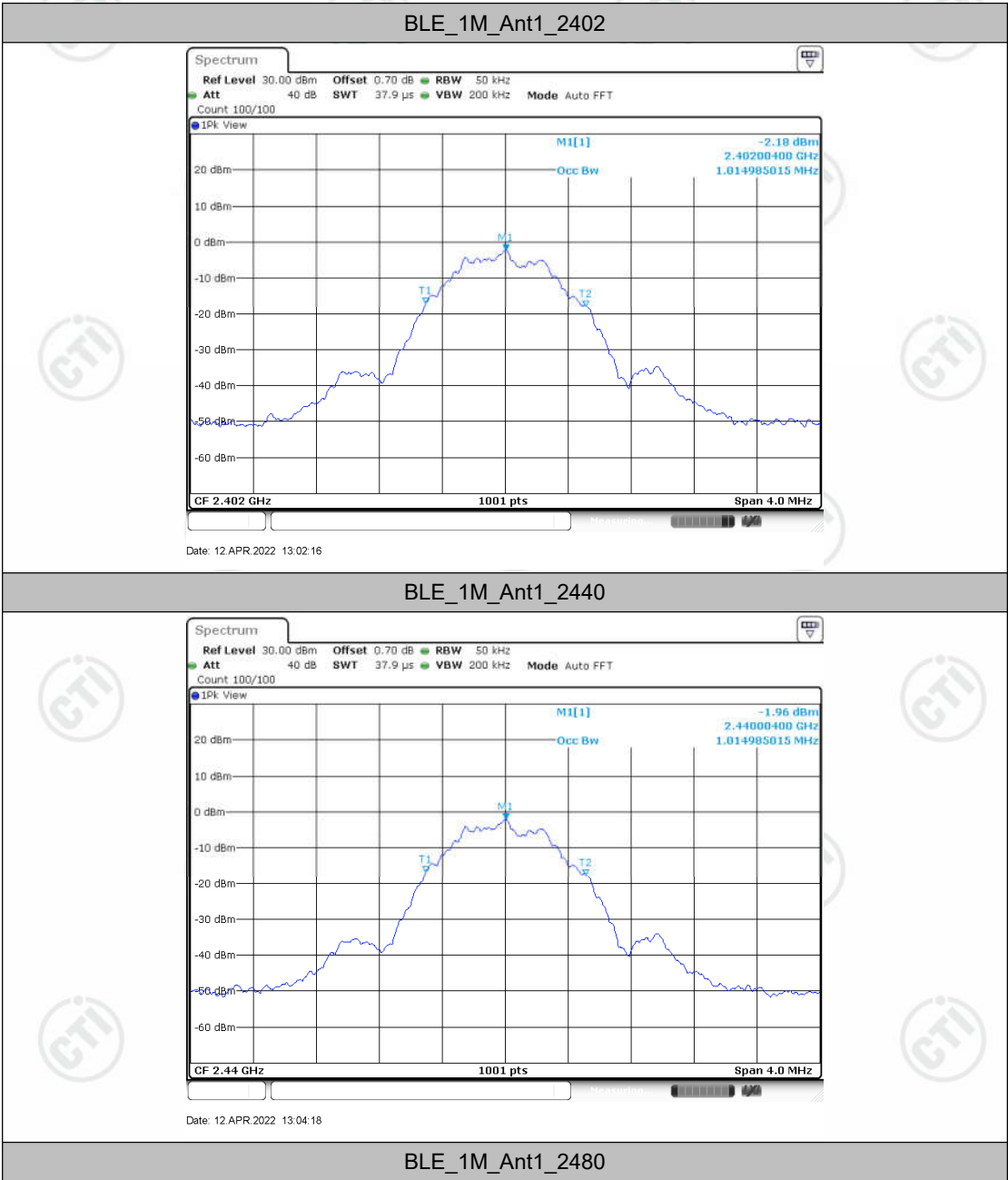


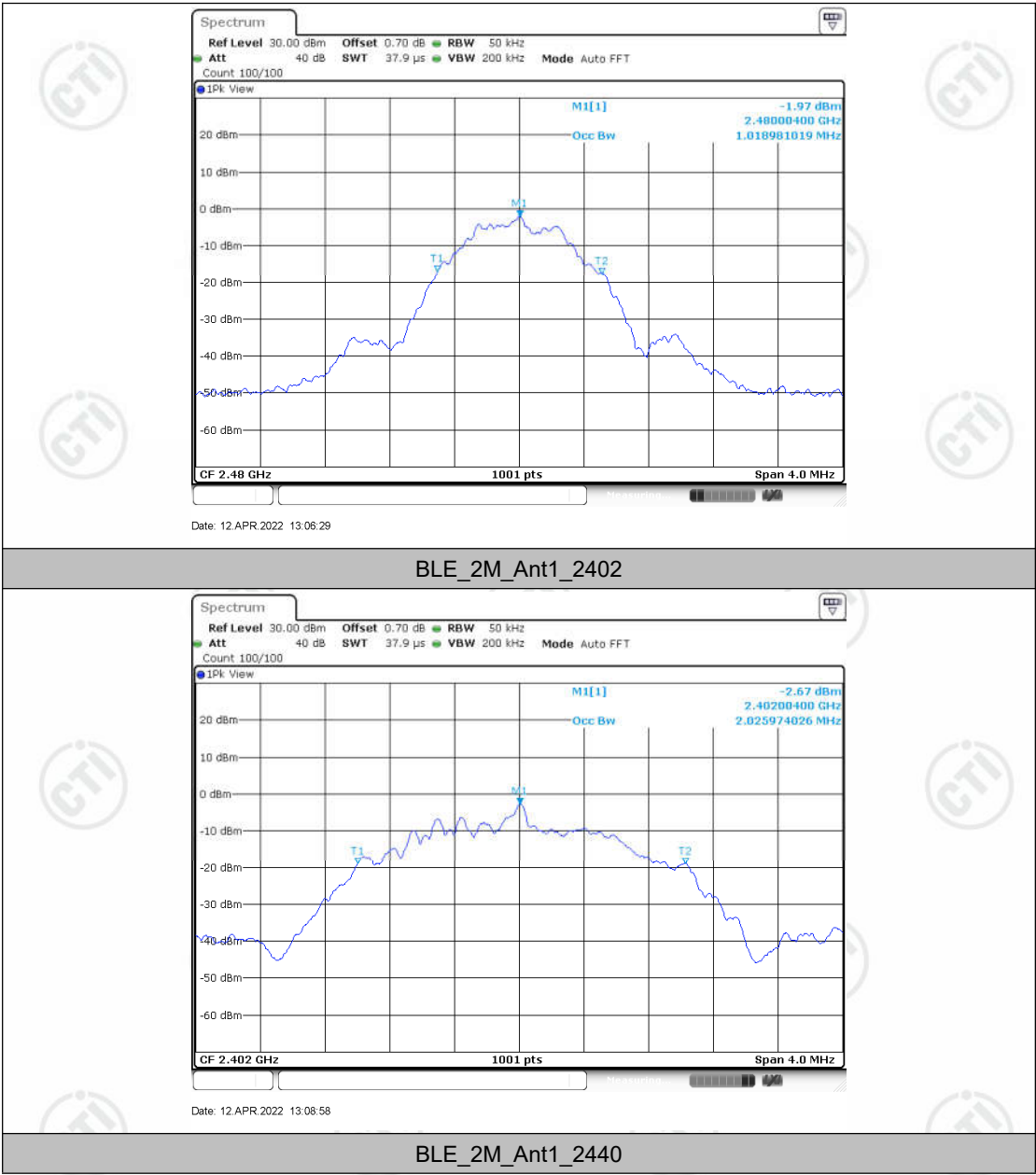
Appendix B: Occupied Channel Bandwidth

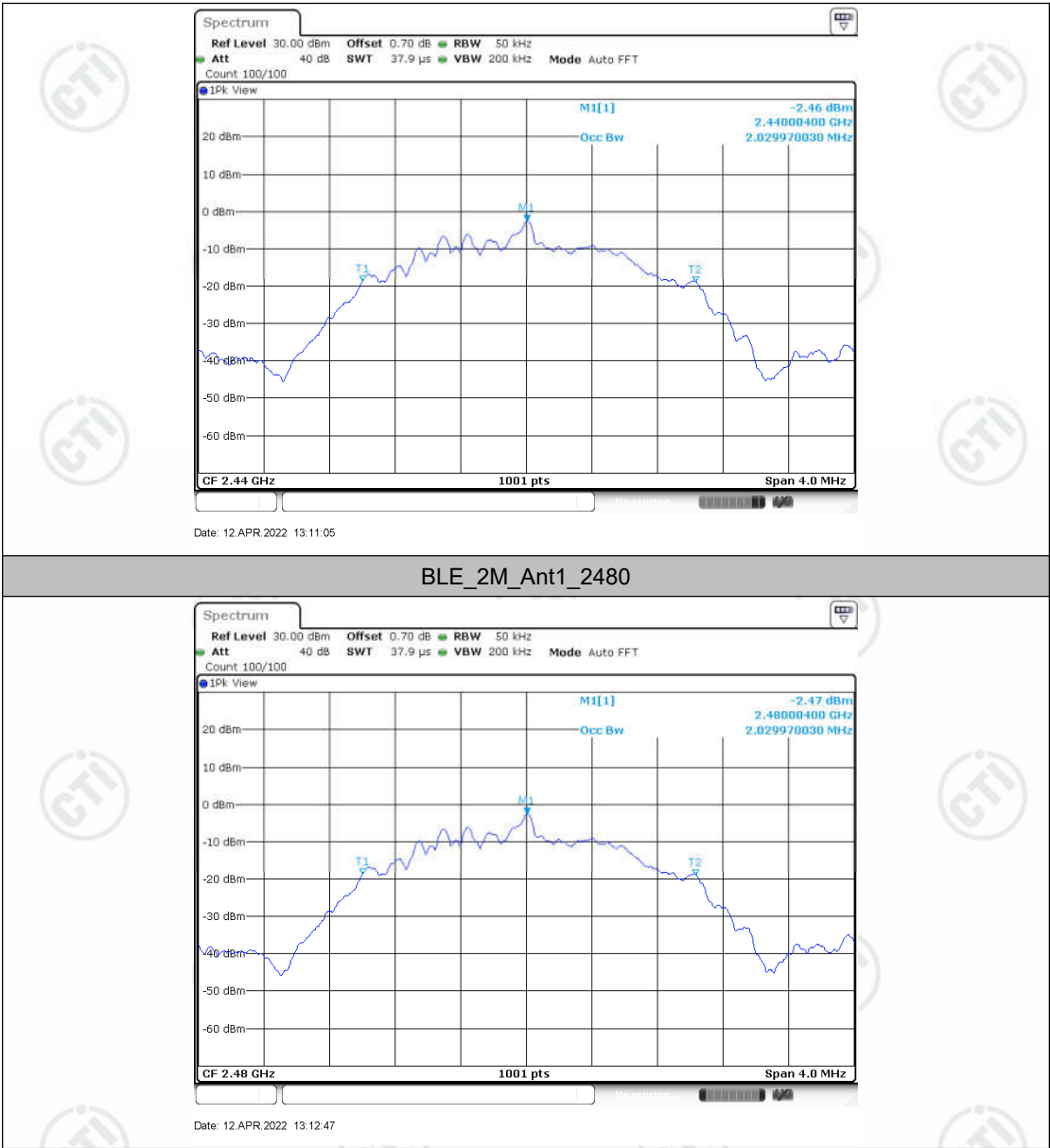
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.015	2401.497	2402.511	---	PASS
		2440	1.015	2439.497	2440.511	---	PASS
		2480	1.019	2479.493	2480.511	---	PASS
BLE_2M	Ant1	2402	2.026	2401.001	2403.027	---	PASS
		2440	2.03	2439.001	2441.031	---	PASS
		2480	2.03	2479.001	2481.031	---	PASS

Test Graphs





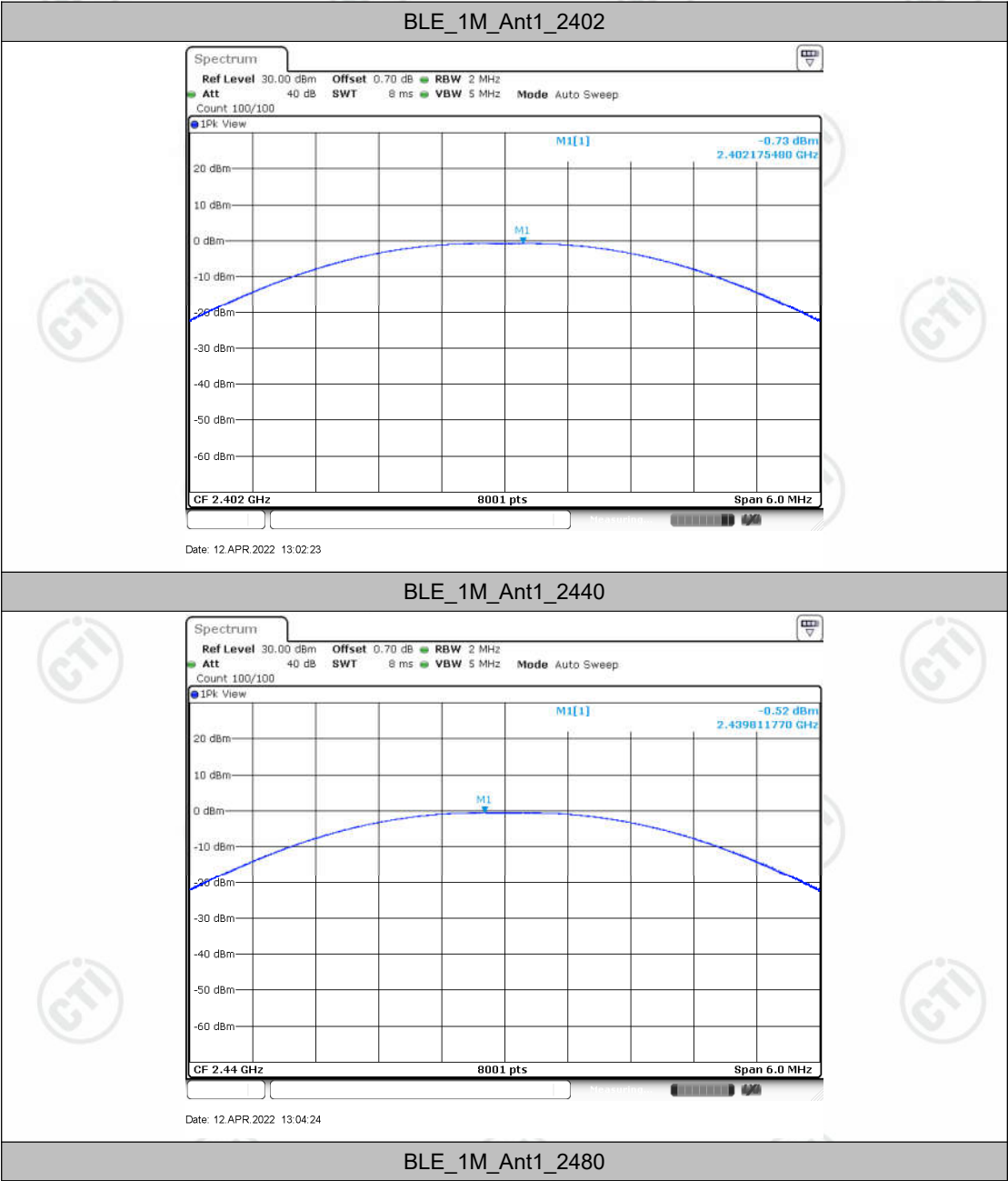


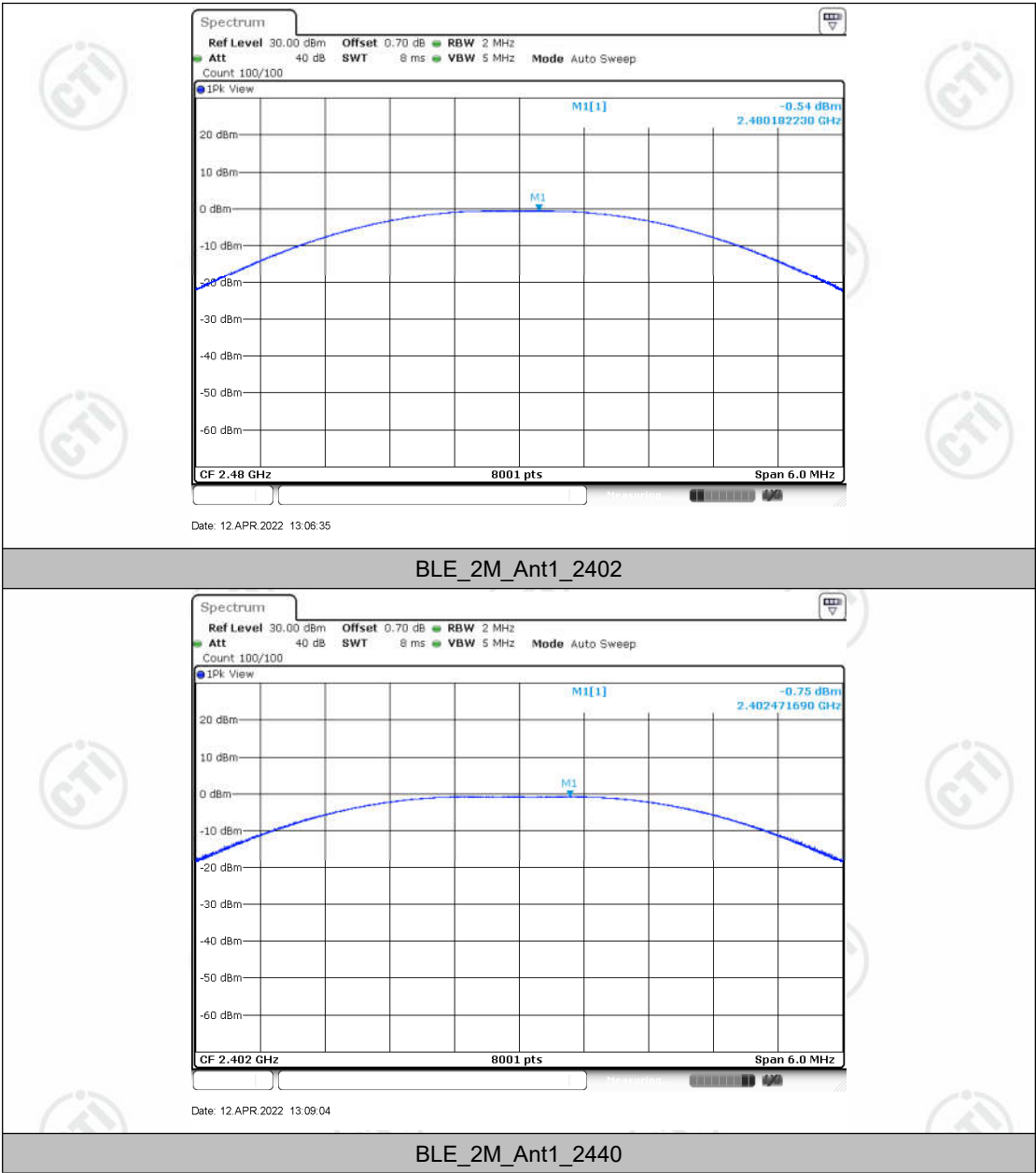
Appendix C: Maximum conducted output power

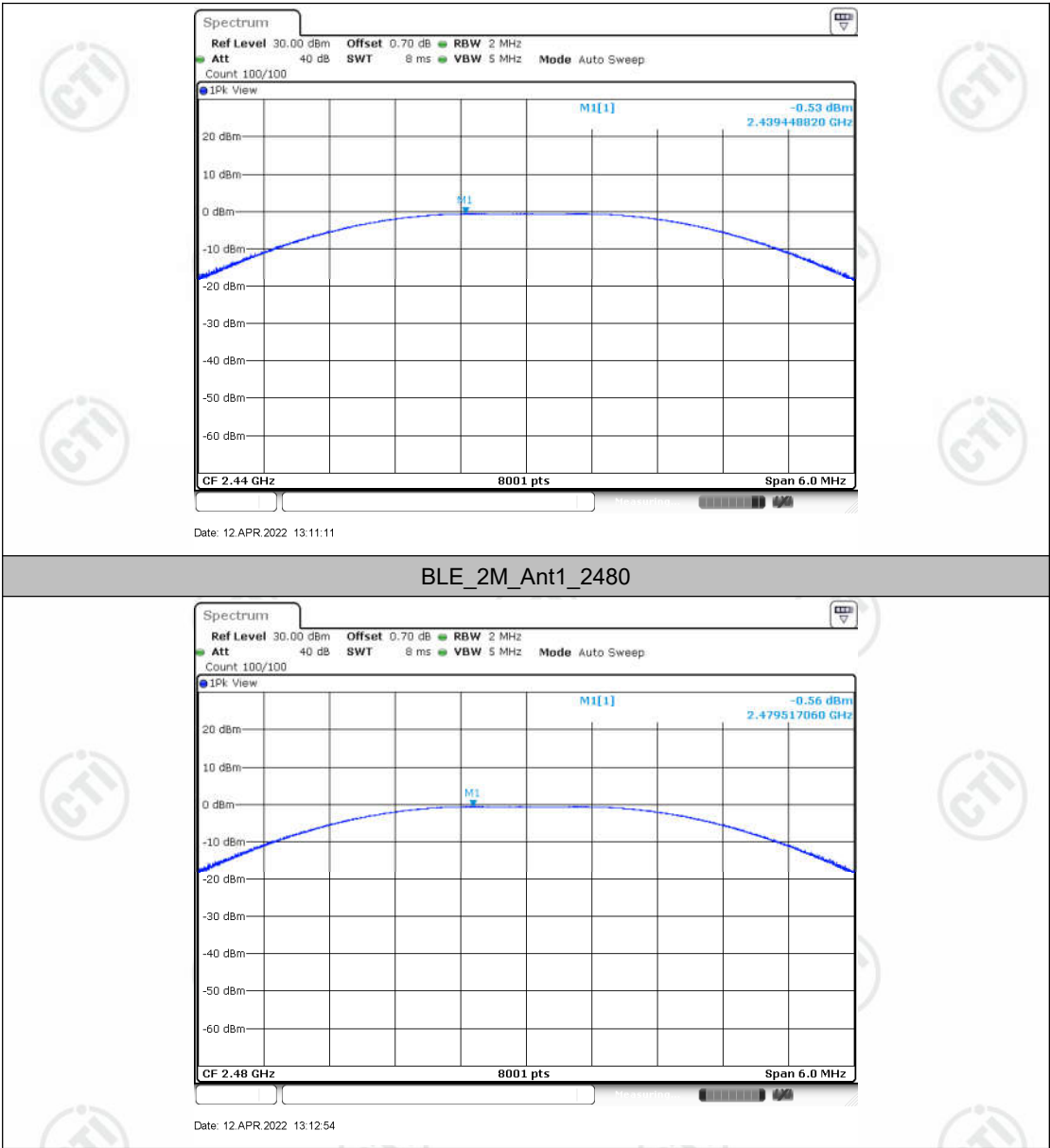
Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.73	<=30	PASS
		2440	-0.52	<=30	PASS
		2480	-0.54	<=30	PASS
BLE_2M	Ant1	2402	-0.75	<=30	PASS
		2440	-0.53	<=30	PASS
		2480	-0.56	<=30	PASS

Test Graphs





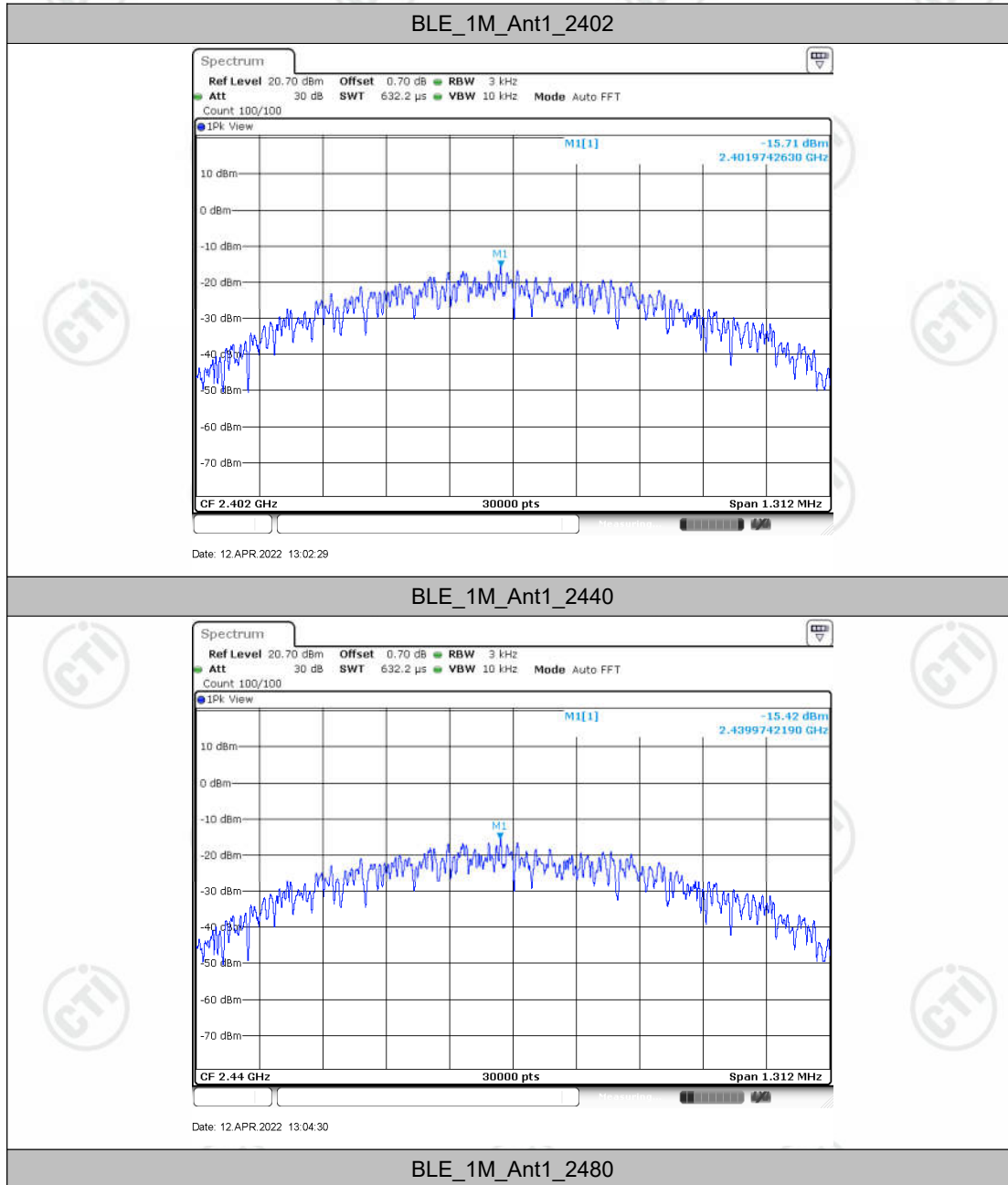


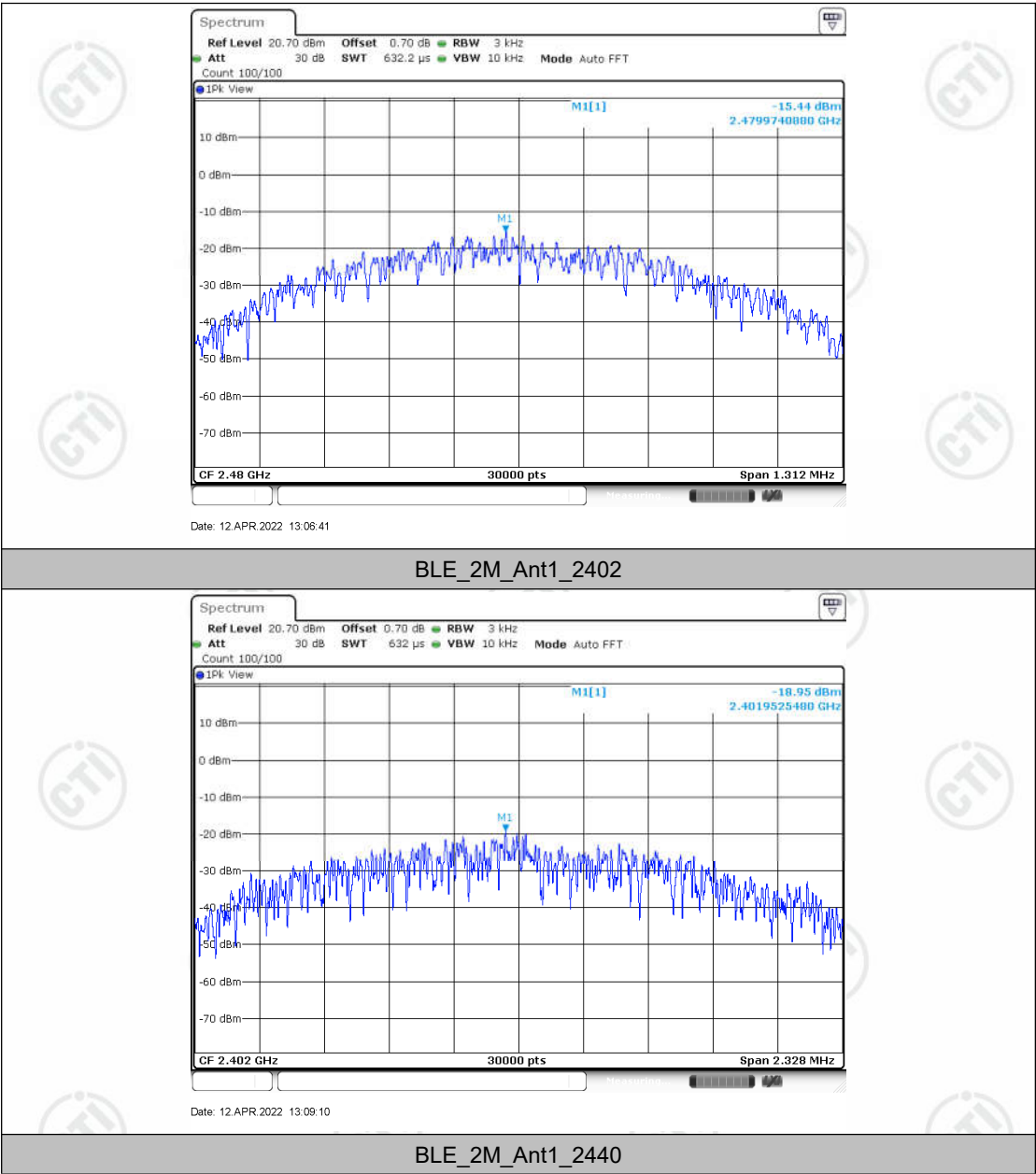
Appendix D: Maximum power spectral density

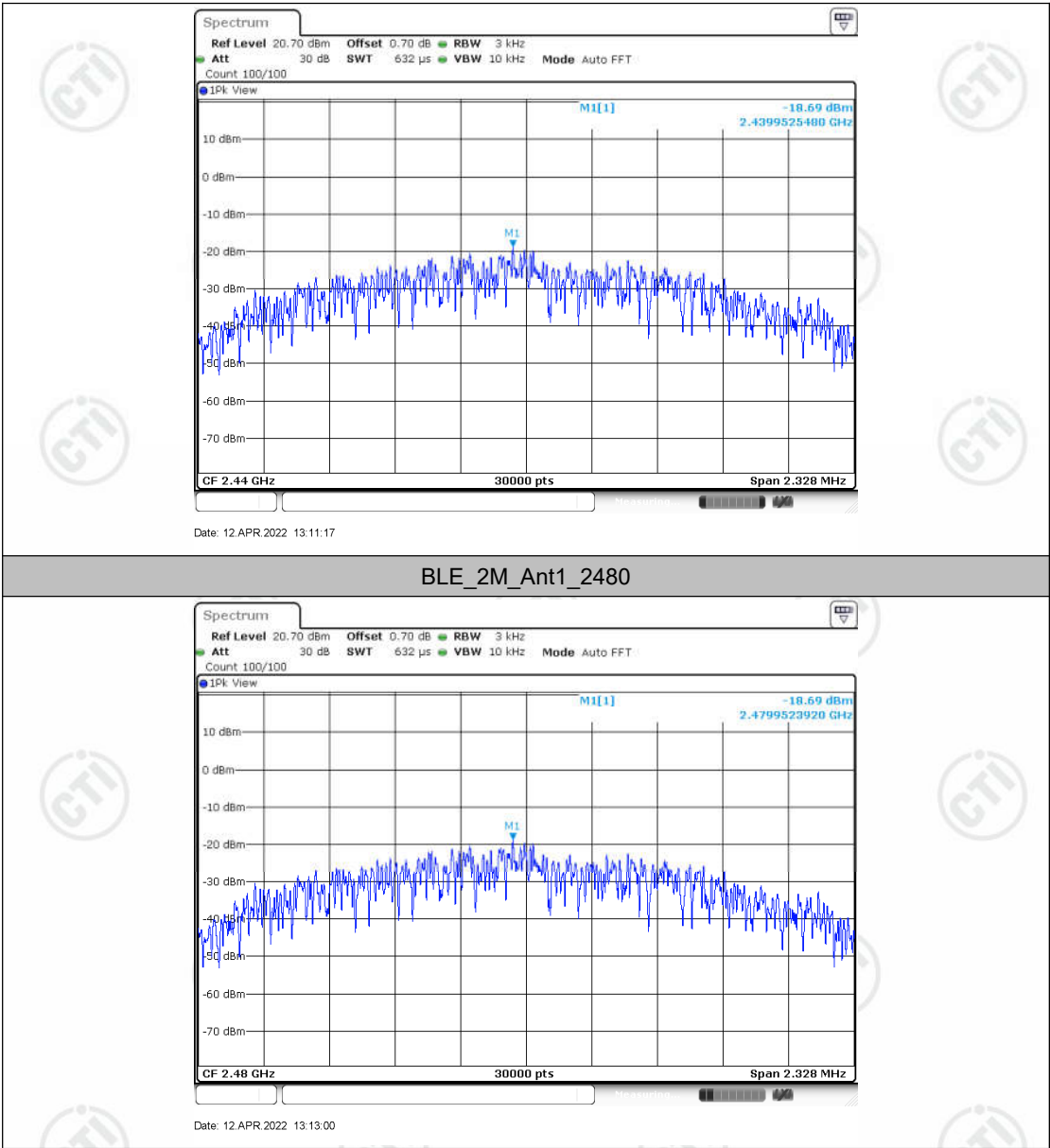
Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.71	<=8	PASS
		2440	-15.42	<=8	PASS
		2480	-15.44	<=8	PASS
BLE_2M	Ant1	2402	-18.95	<=8	PASS
		2440	-18.69	<=8	PASS
		2480	-18.69	<=8	PASS

Test Graphs





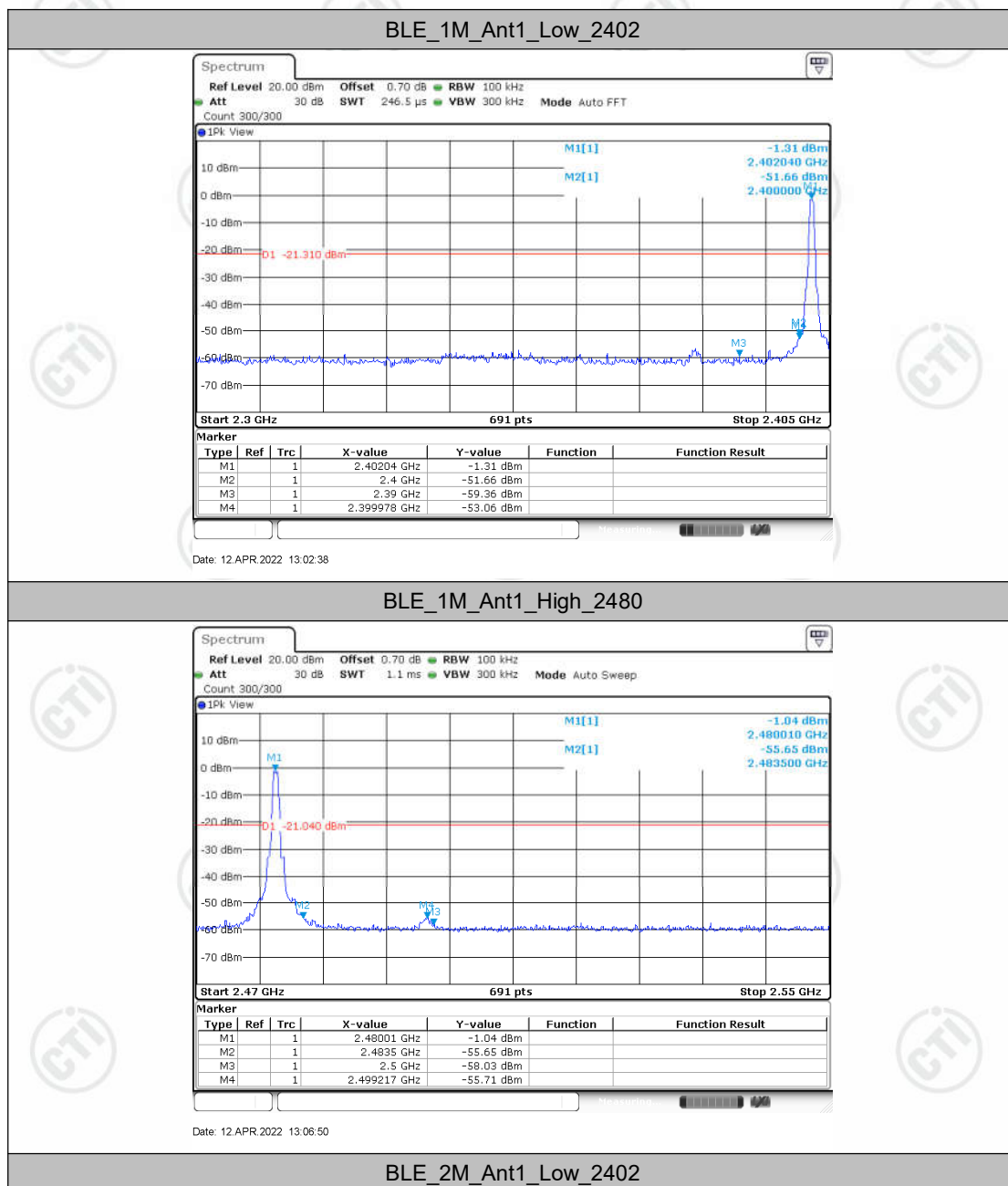


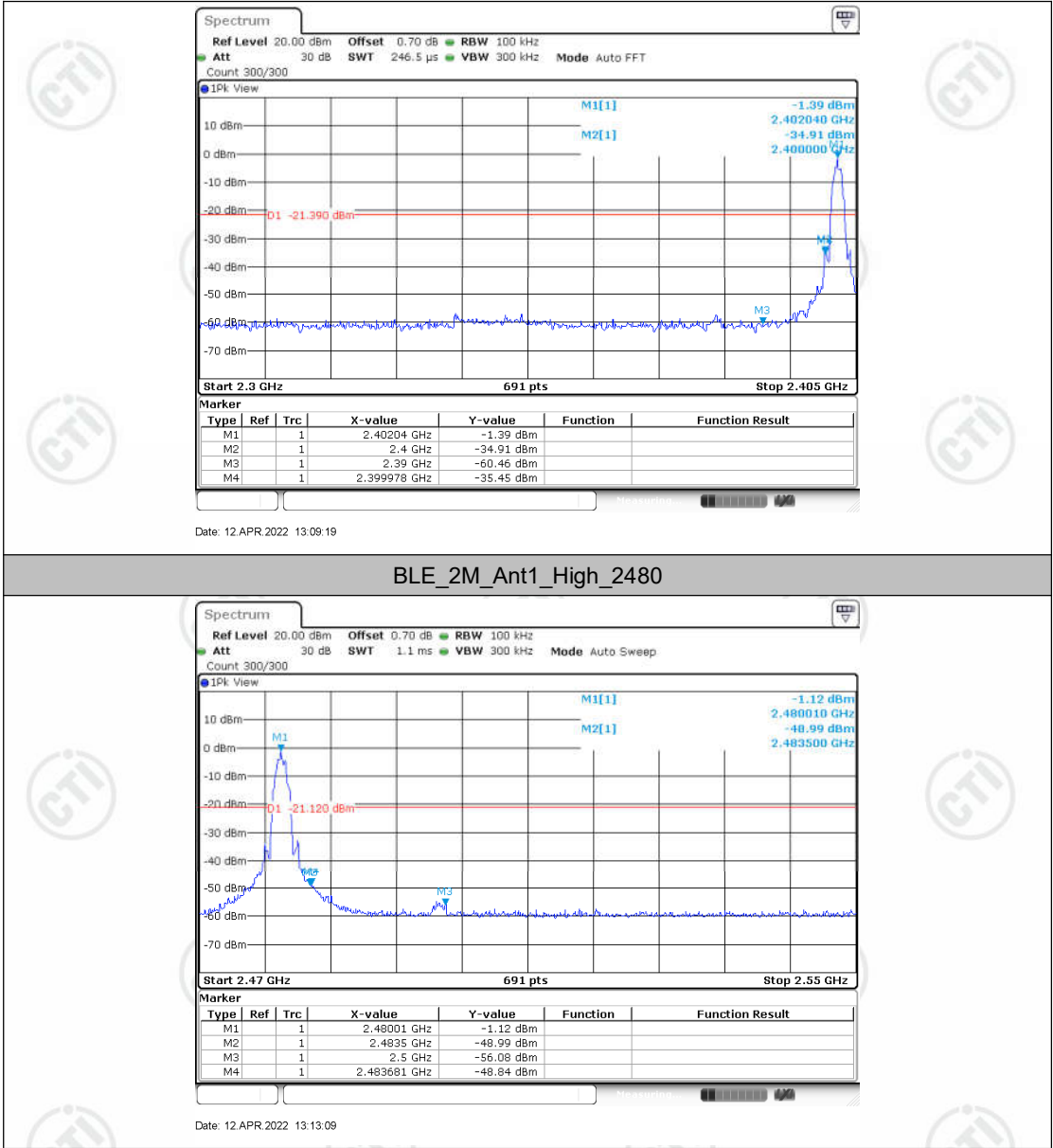
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.31	-53.06	<=-21.31	PASS
		High	2480	-1.04	-55.71	<=-21.04	PASS
BLE_2M	Ant1	Low	2402	-1.39	-35.45	<=-21.39	PASS
		High	2480	-1.12	-48.84	<=-21.12	PASS

Test Graphs





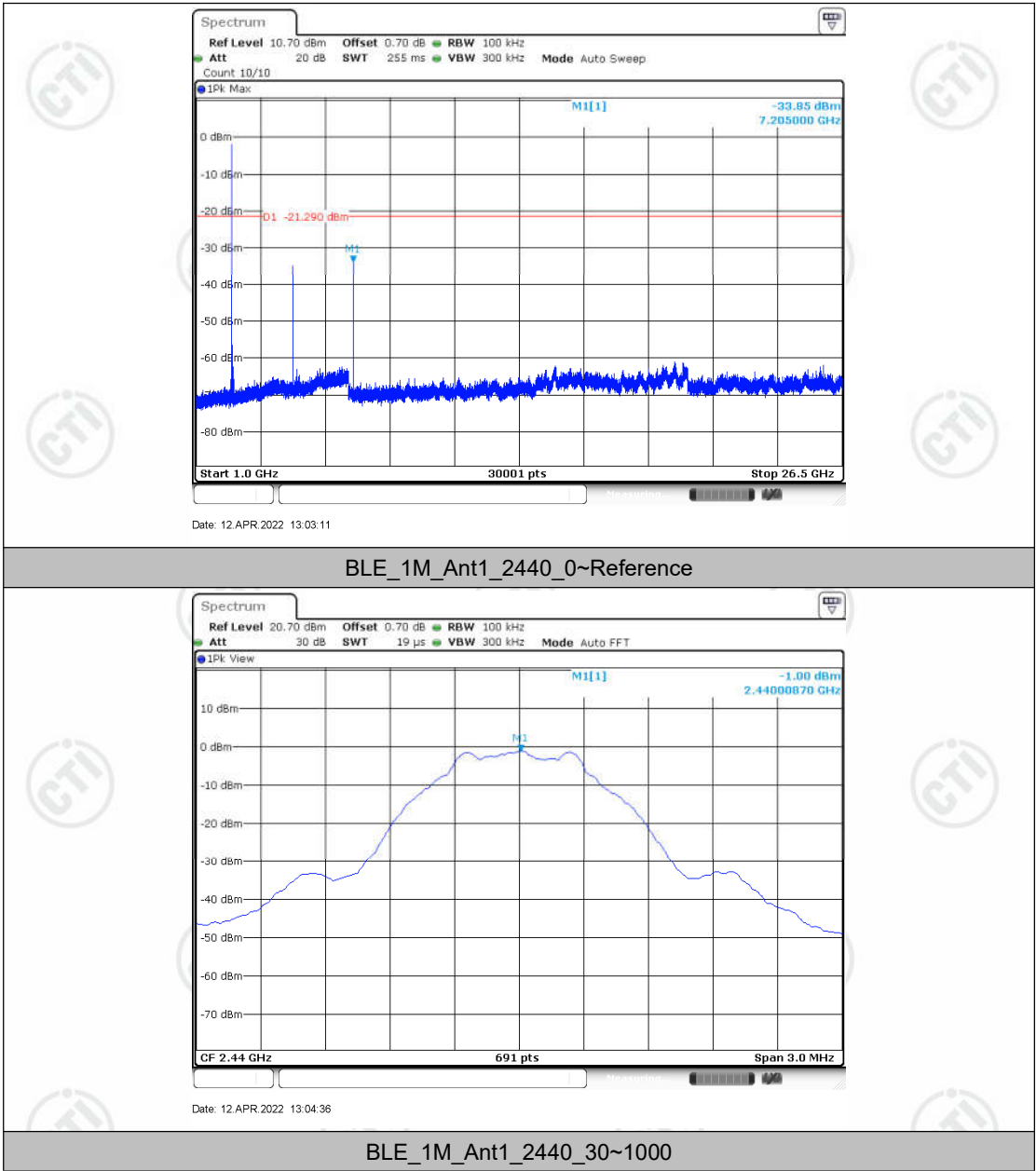
Appendix F: Conducted Spurious Emission

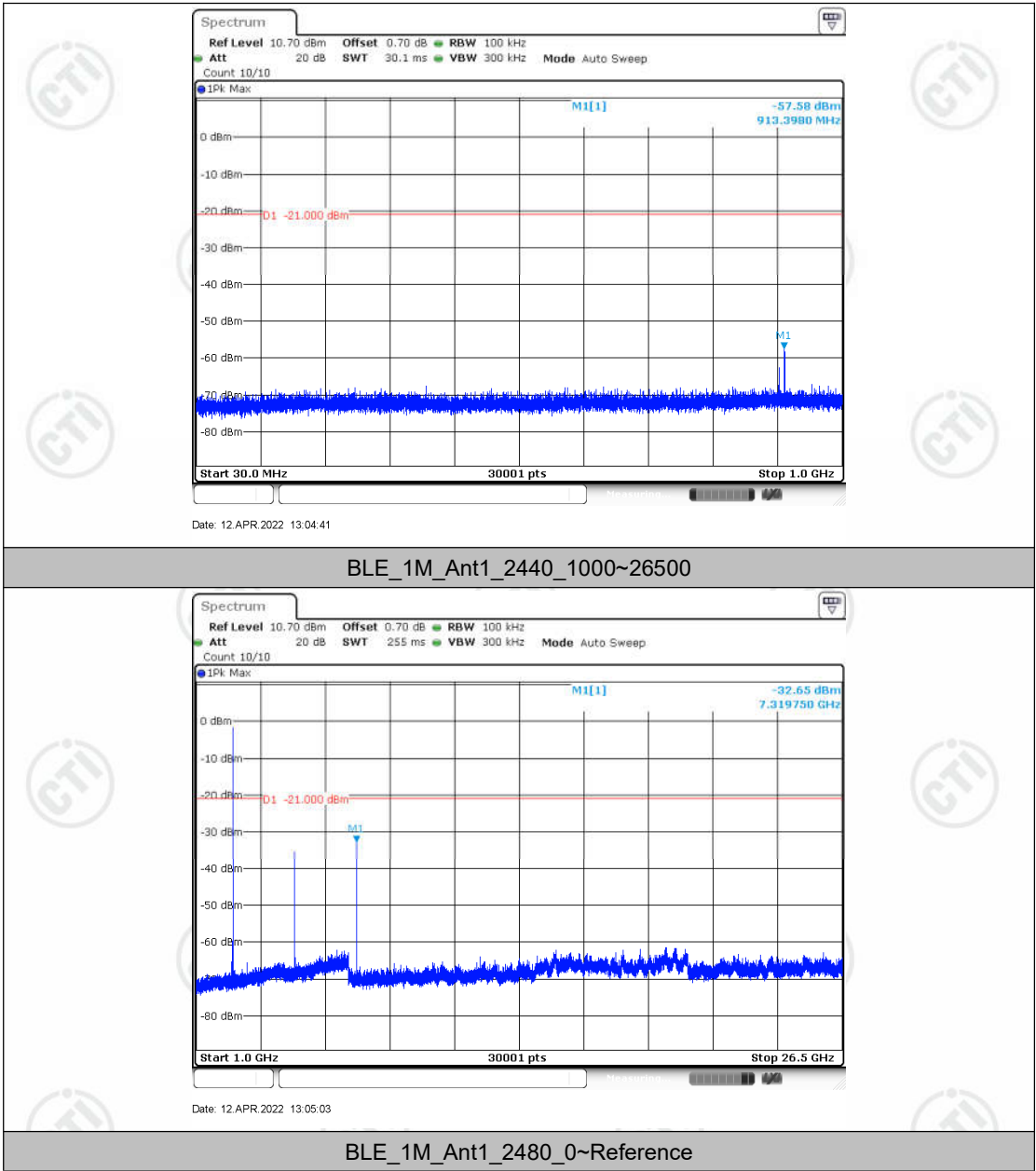
Test Result

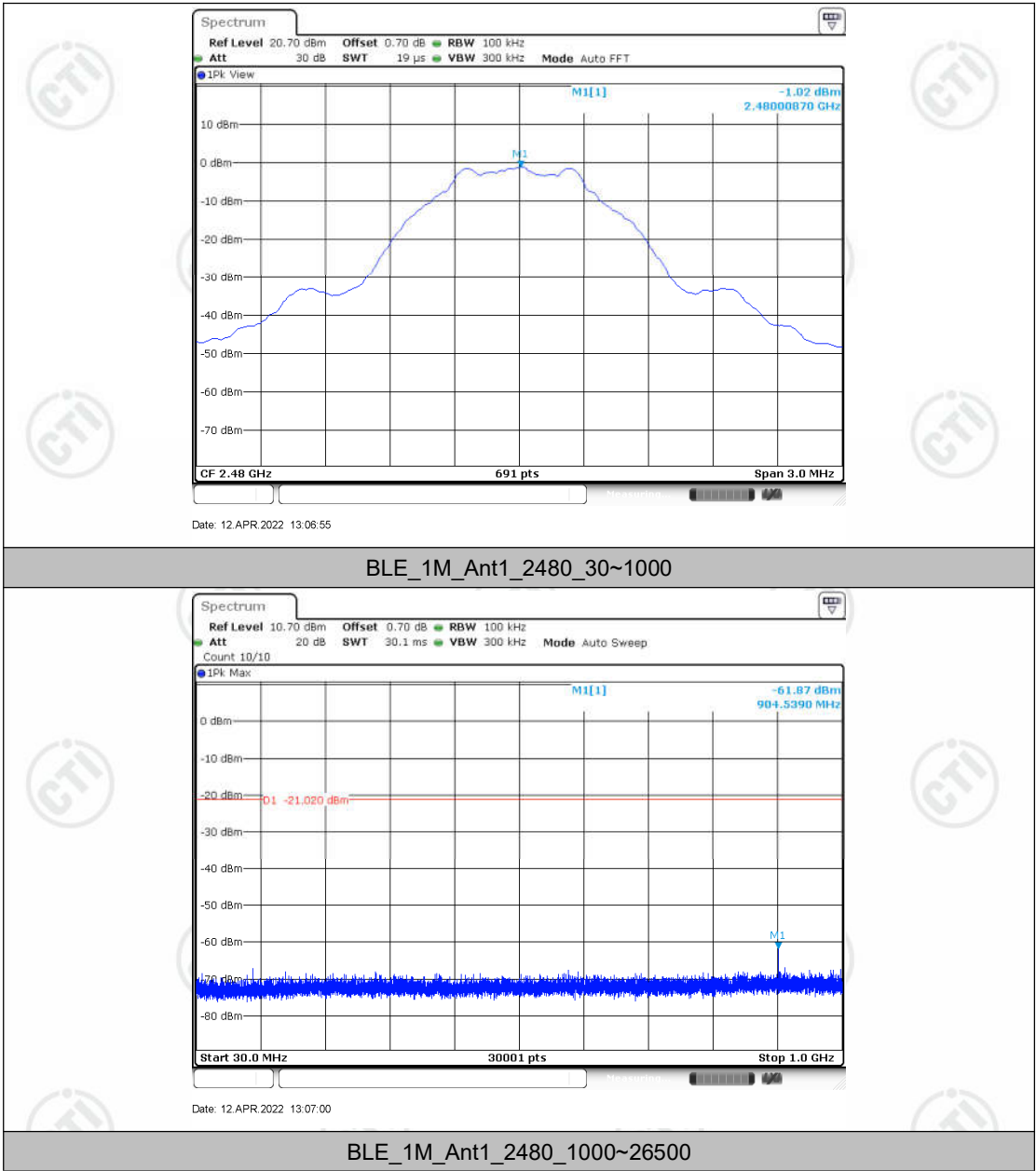
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.29	-1.29	---	PASS
			30~1000	---	-66.69	<=-21.29	PASS
			1000~26500	---	-33.85	<=-21.29	PASS
		2440	Reference	-1.00	-1.00	---	PASS
			30~1000	---	-57.58	<=-21	PASS
			1000~26500	---	-32.65	<=-21	PASS
		2480	Reference	-1.02	-1.02	---	PASS
			30~1000	---	-61.87	<=-21.02	PASS
			1000~26500	---	-33.4	<=-21.02	PASS
BLE_2M	Ant1	2402	Reference	-1.36	-1.36	---	PASS
			30~1000	---	-58.01	<=-21.36	PASS
			1000~26500	---	-35.48	<=-21.36	PASS
		2440	Reference	-1.07	-1.07	---	PASS
			30~1000	---	-64.79	<=-21.07	PASS
			1000~26500	---	-35.21	<=-21.07	PASS
		2480	Reference	-1.10	-1.10	---	PASS
			30~1000	---	-56.63	<=-21.1	PASS
			1000~26500	---	-33	<=-21.1	PASS

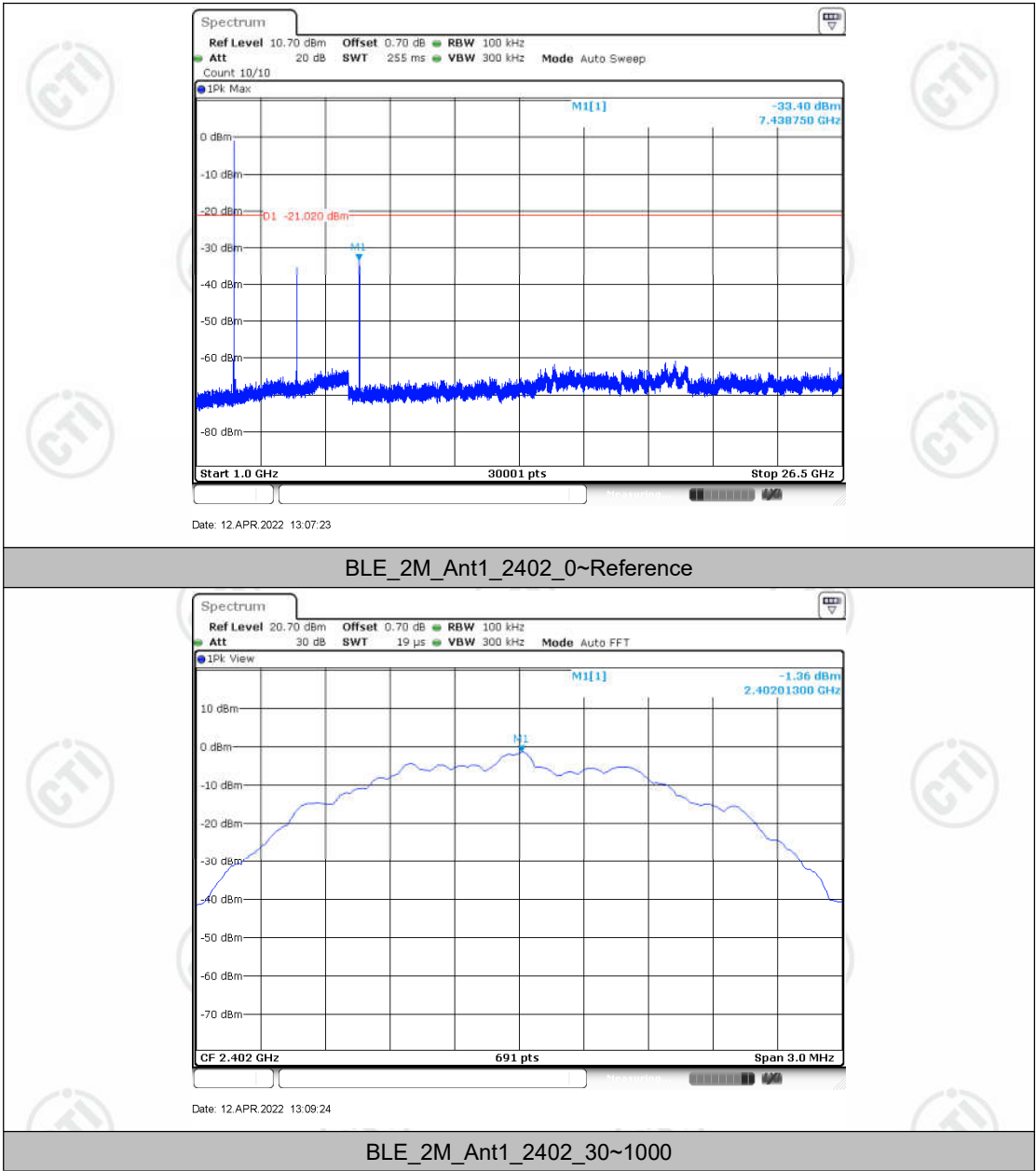
Test Graphs

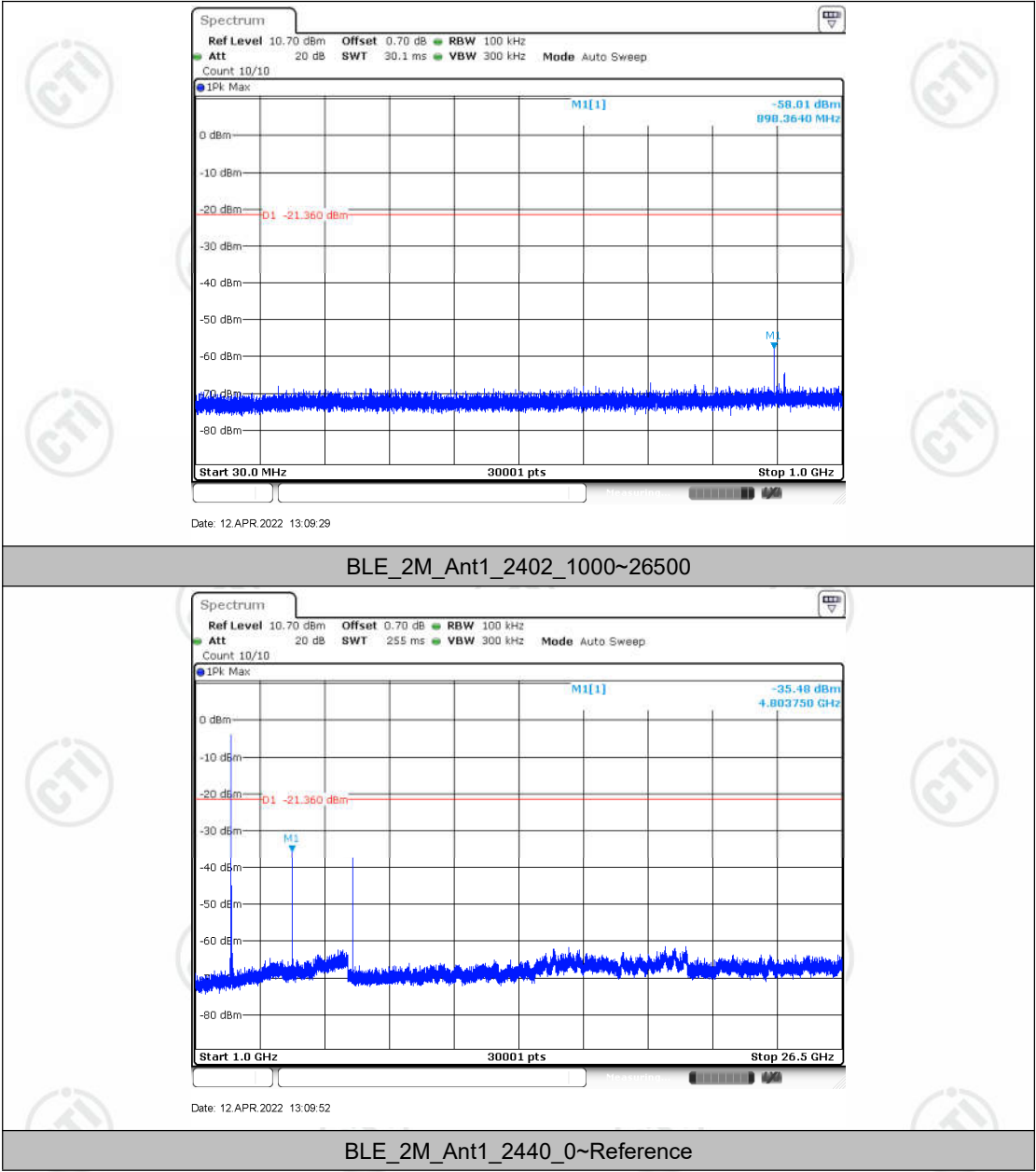


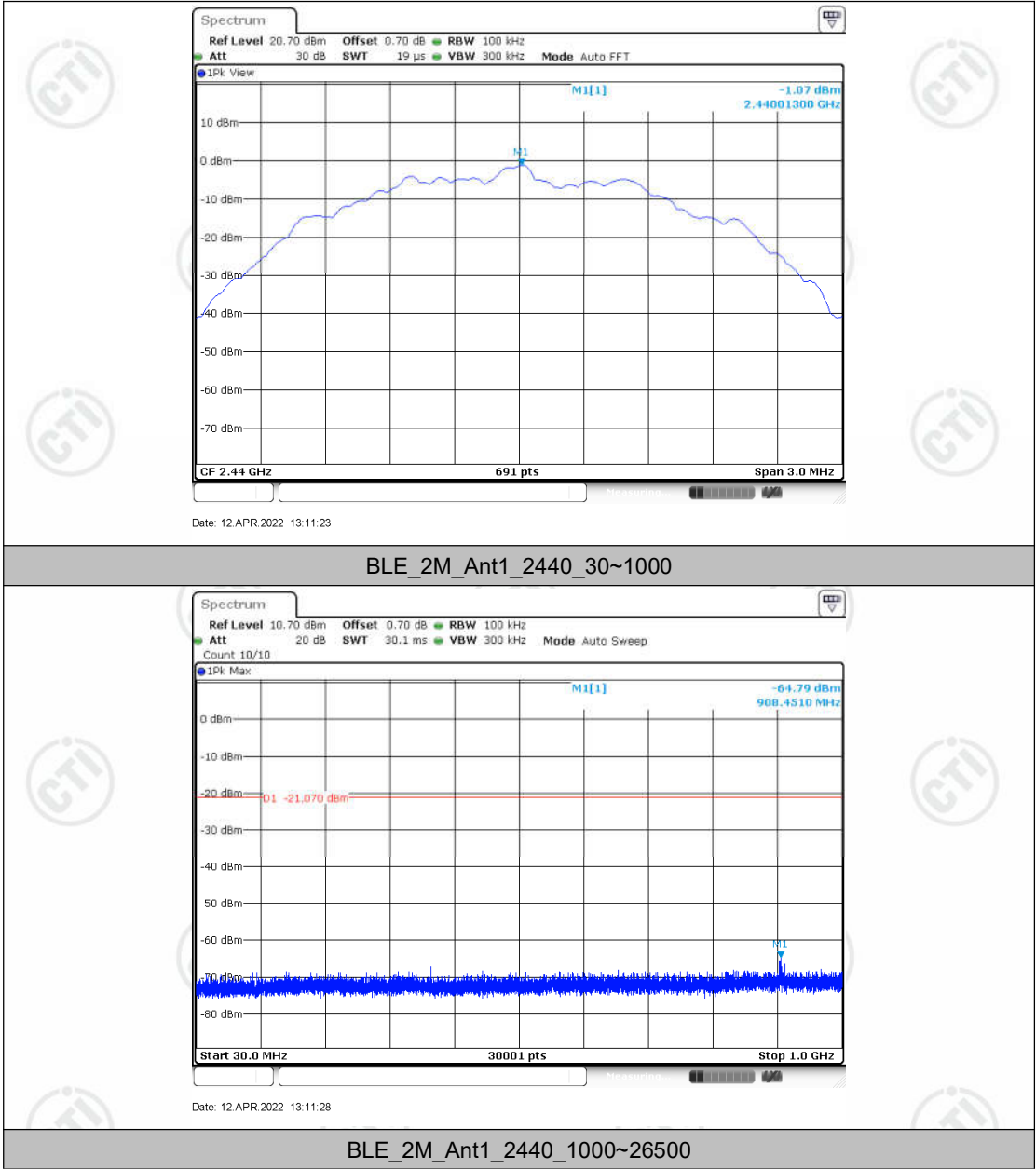


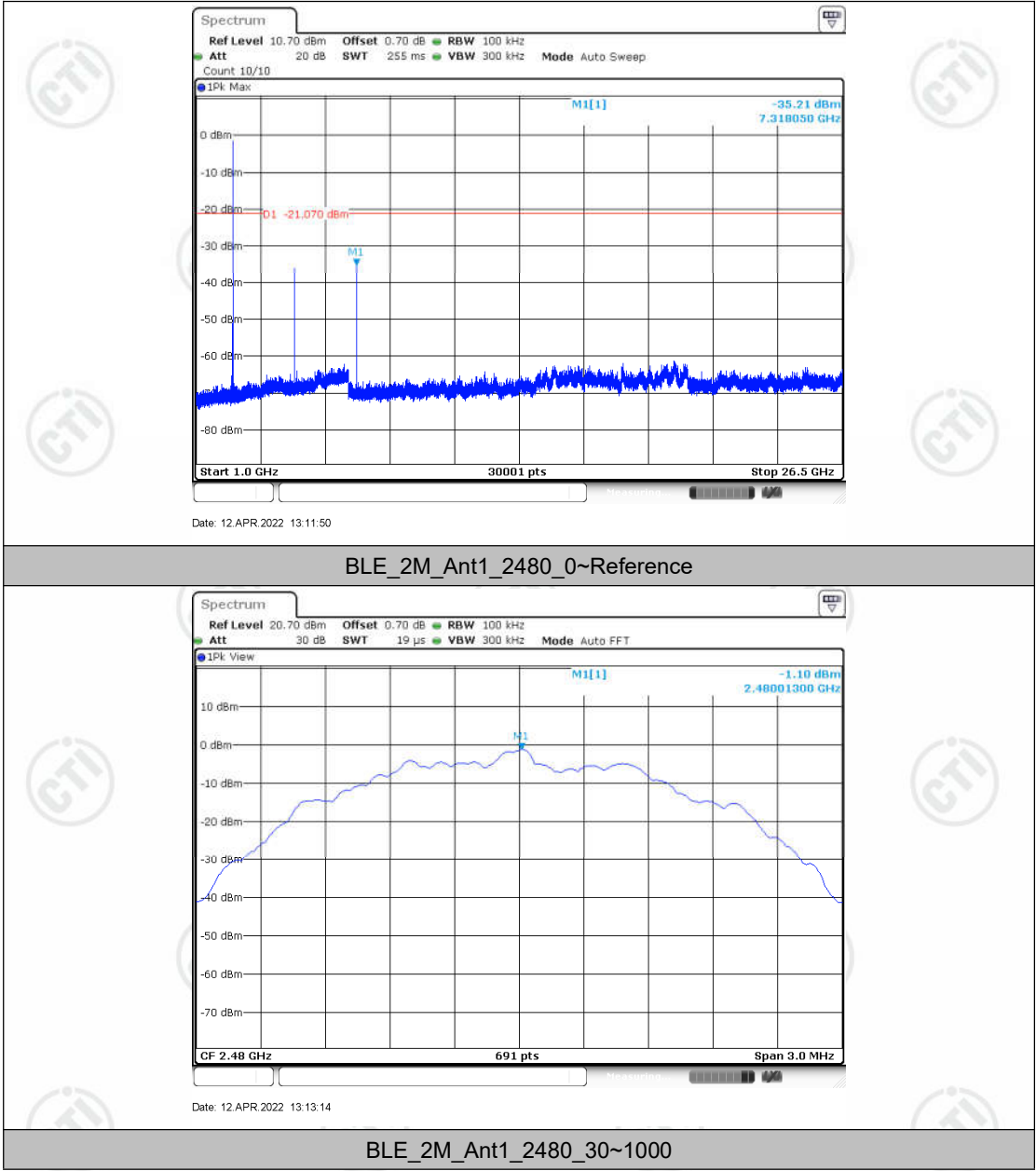


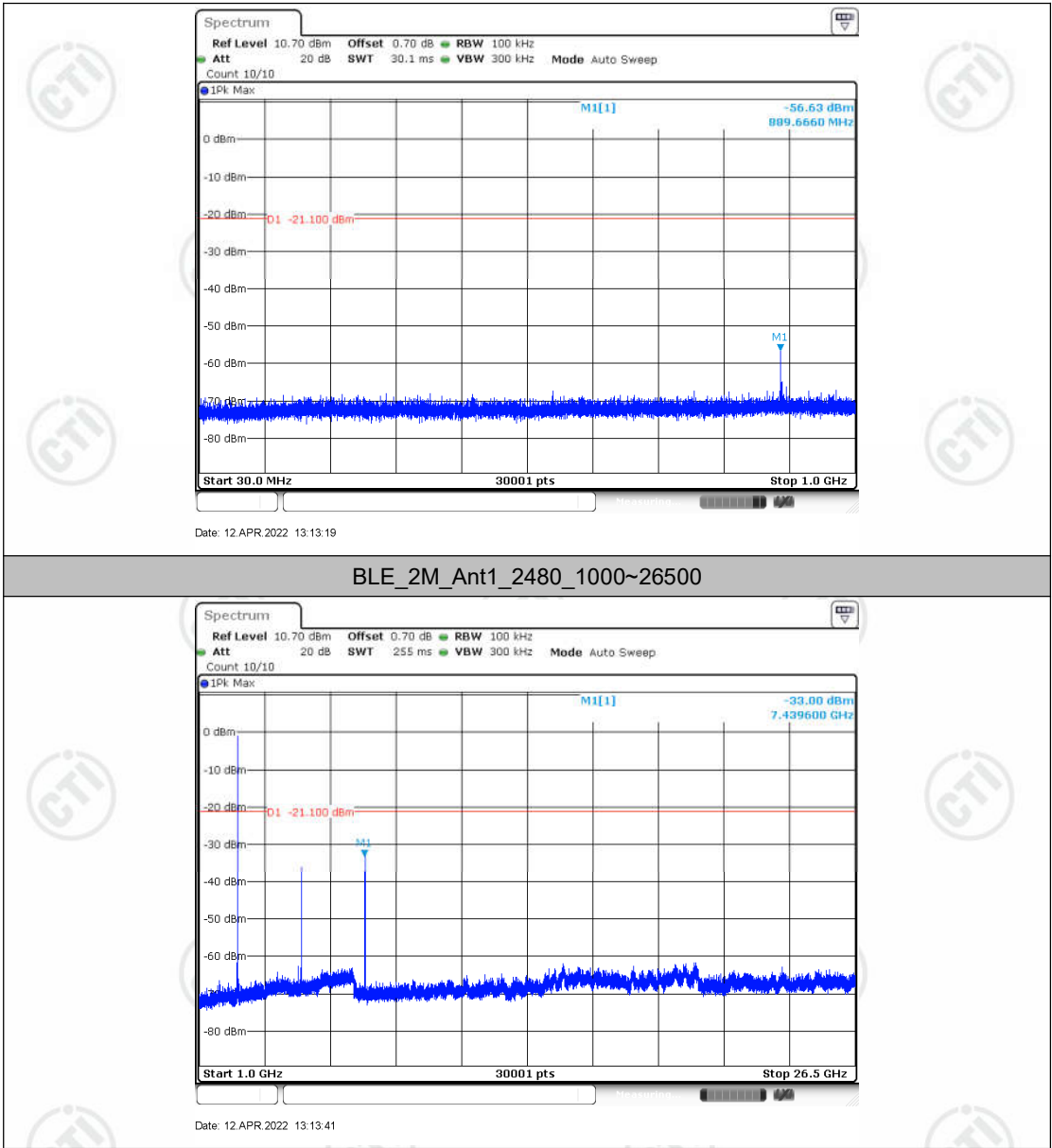










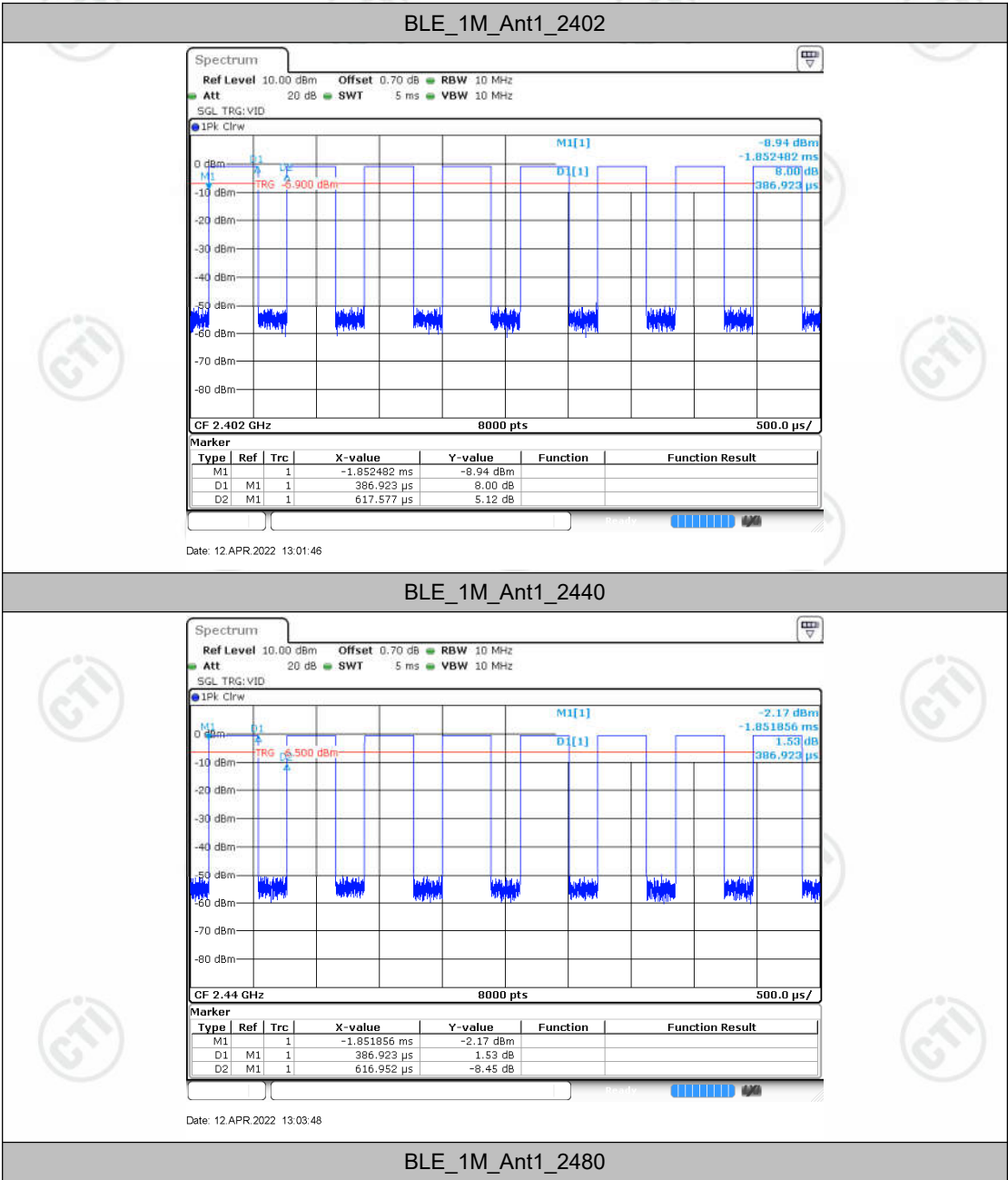


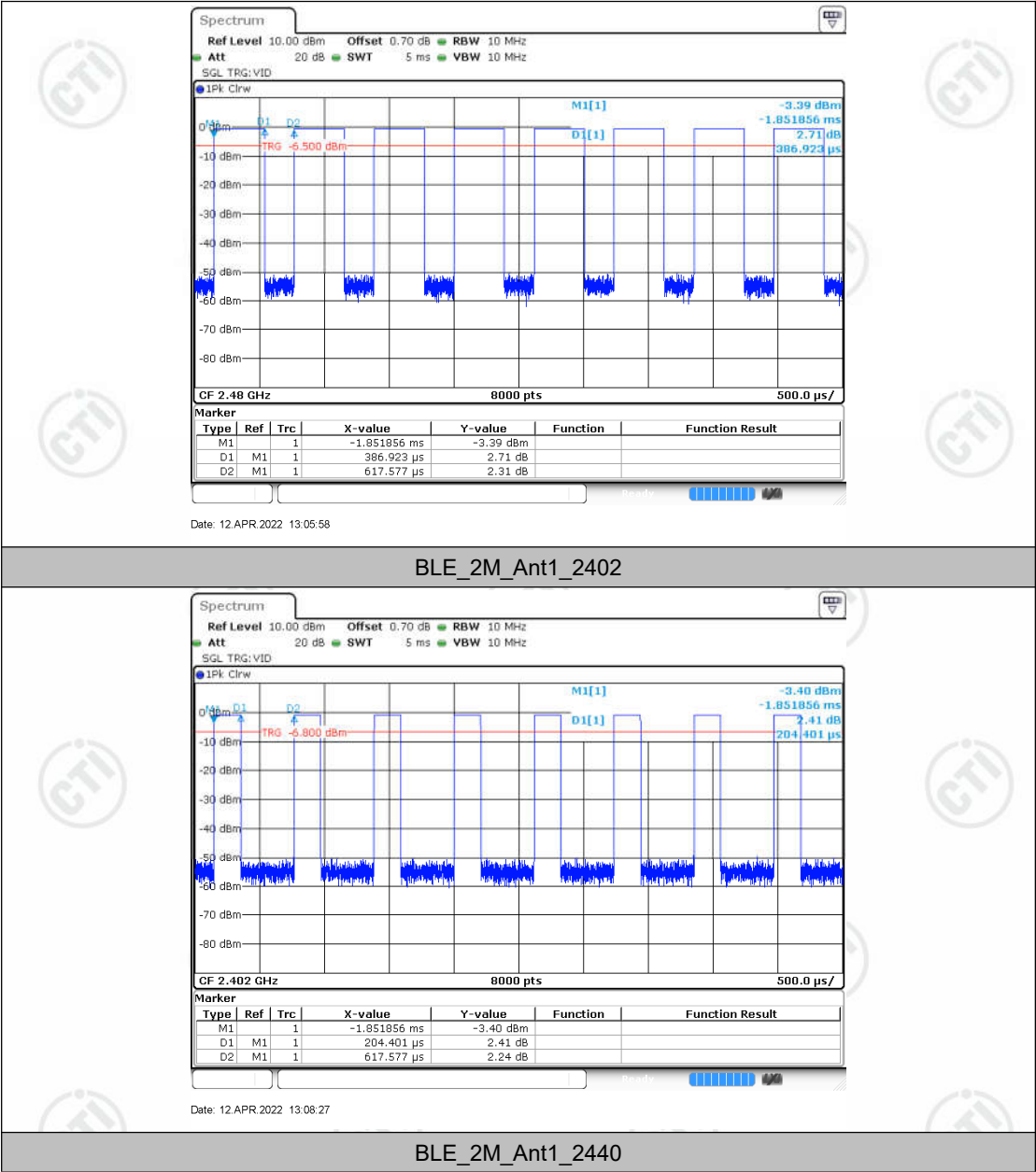
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.62	62.65	---	PASS
		2440	0.39	0.62	62.72	---	PASS
		2480	0.39	0.62	62.65	---	PASS
BLE_2M	Ant1	2402	0.20	0.62	33.10	---	PASS
		2440	0.20	0.62	33.13	---	PASS
		2480	0.20	0.62	33.13	---	PASS

Test Graphs







*** End of Report ***