

Appendix: Bluetooth LE

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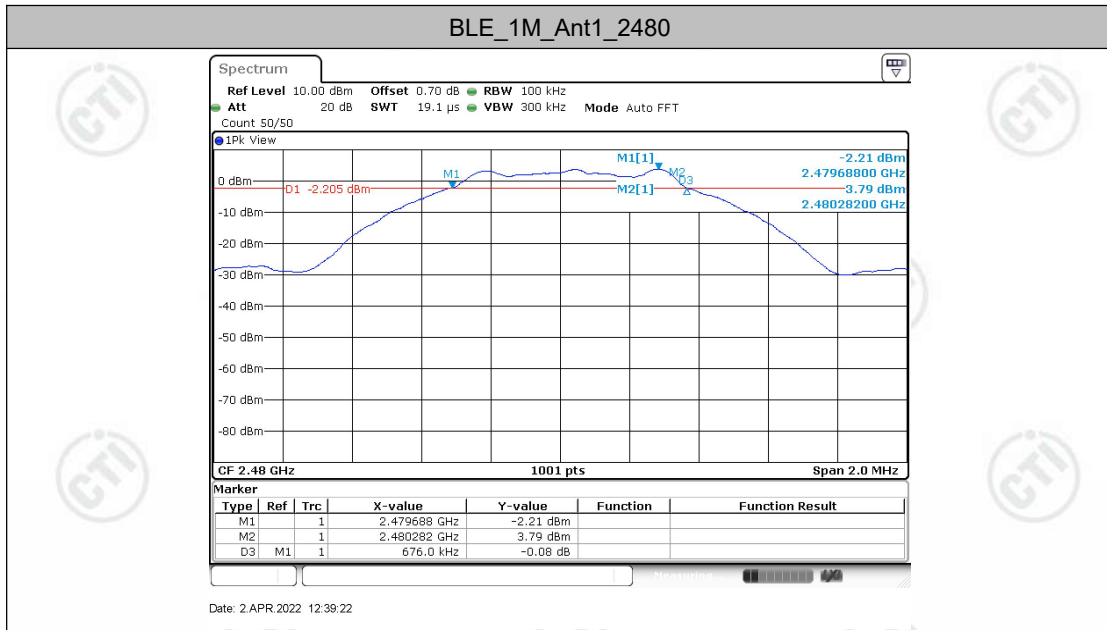
## Appendix A: DTS Bandwidth

### Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.674	2401.690	2402.364	0.5	PASS
		2440	0.672	2439.692	2440.364	0.5	PASS
		2480	0.676	2479.688	2480.364	0.5	PASS

## Test Graphs



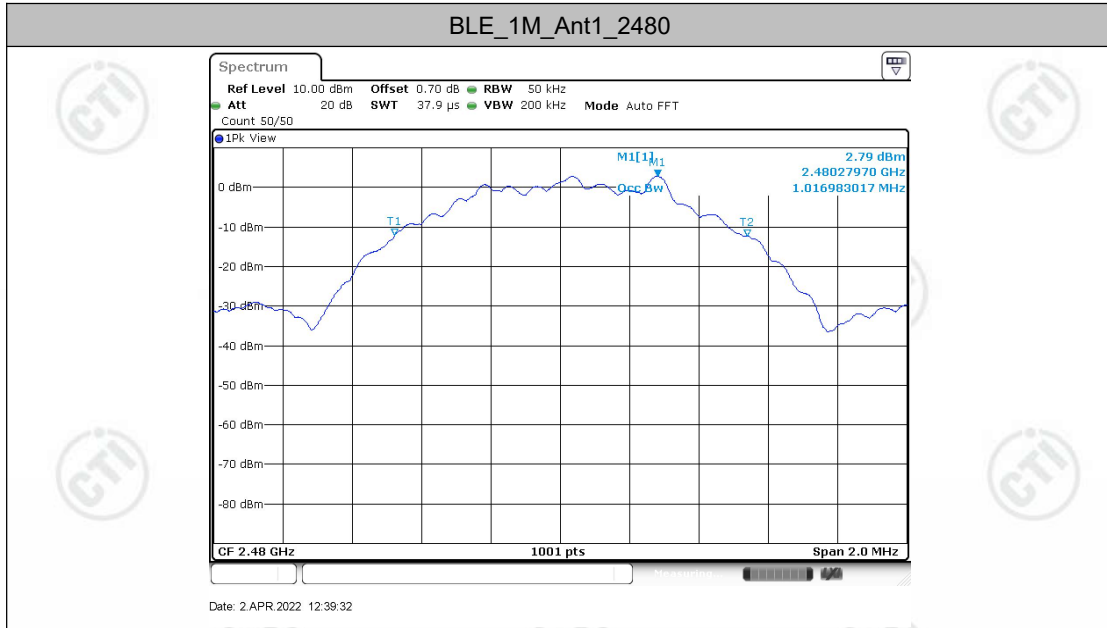


**Appendix B: Occupied Channel Bandwidth****Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.015	2401.522	2402.537	---	PASS
		2440	1.015	2439.522	2440.537	---	PASS
		2480	1.017	2479.522	2480.539	---	PASS

## Test Graphs





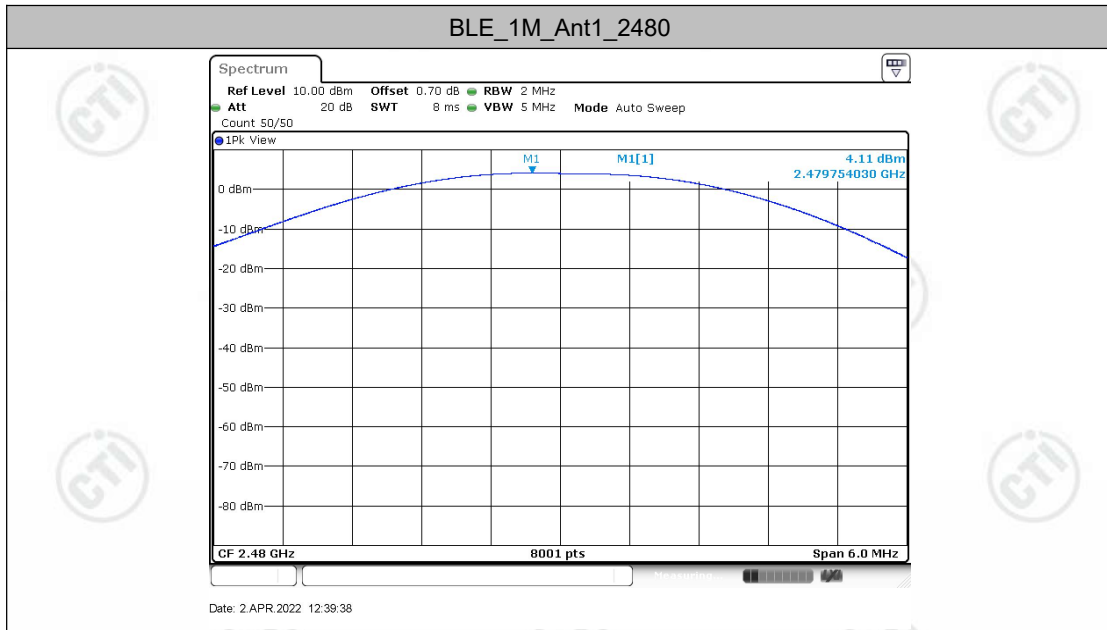


**Appendix C: Maximum conducted output power****Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.67	<=30	PASS
		2440	3.94	<=30	PASS
		2480	4.11	<=30	PASS

## Test Graphs

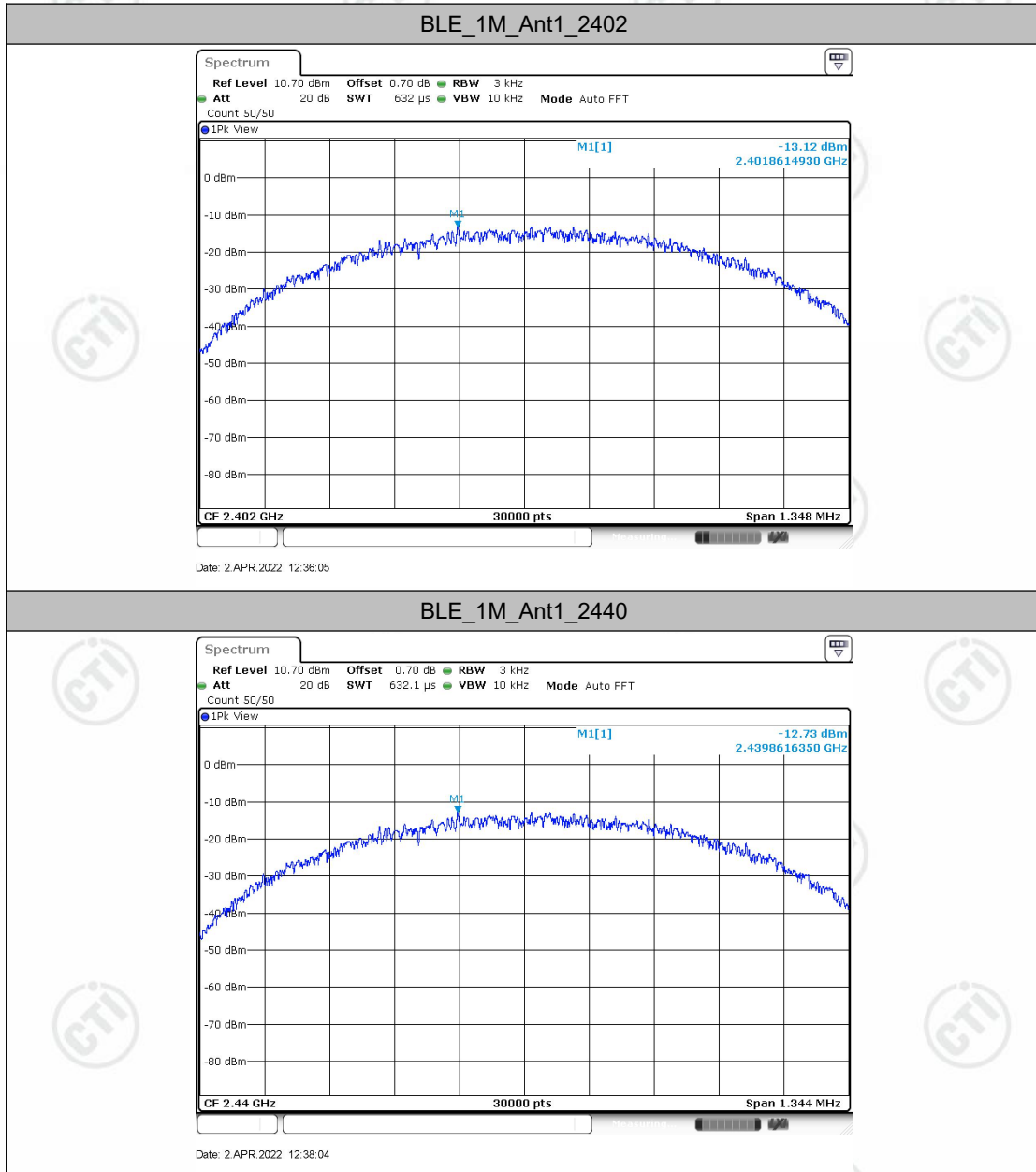


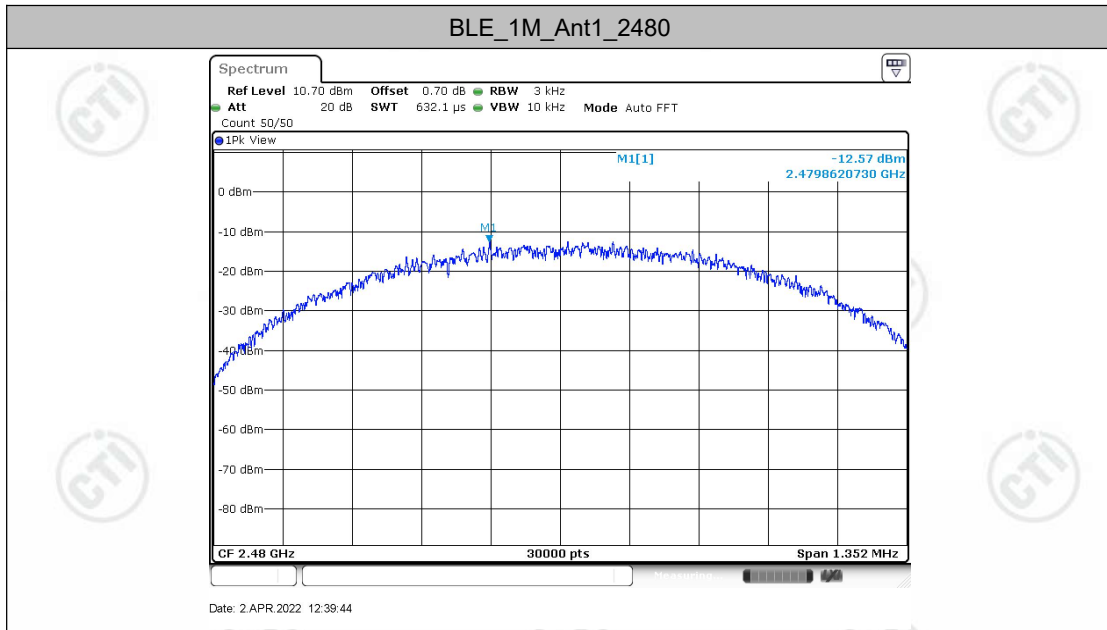


**Appendix D: Maximum power spectral density****Test Result**

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.12	<=8	PASS
		2440	-12.73	<=8	PASS
		2480	-12.57	<=8	PASS

## Test Graphs

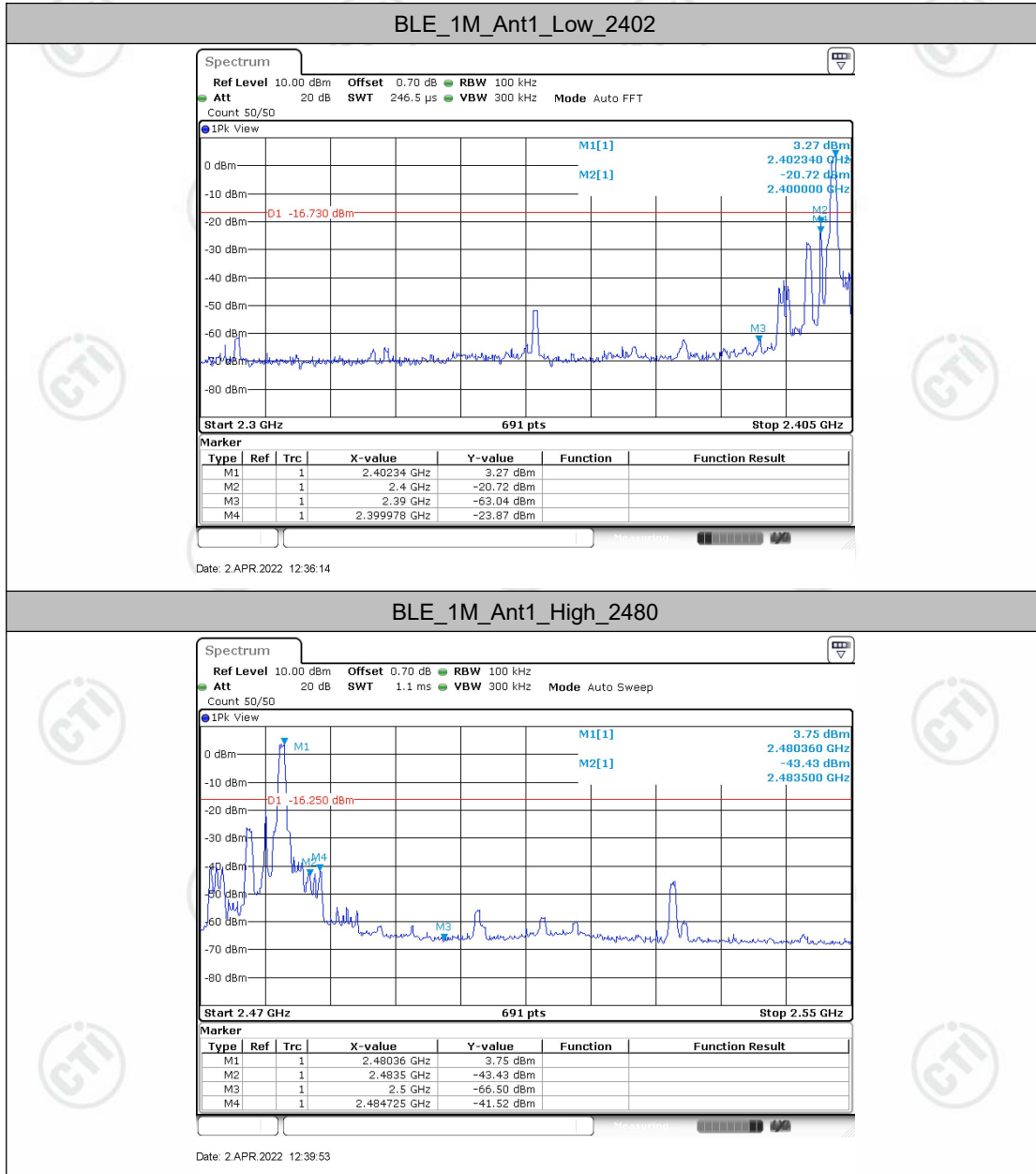




**Appendix E: Band edge measurements****Test Result**

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.27	-23.87	<=-16.73	PASS
		High	2480	3.75	-41.52	<=-16.25	PASS

## Test Graphs



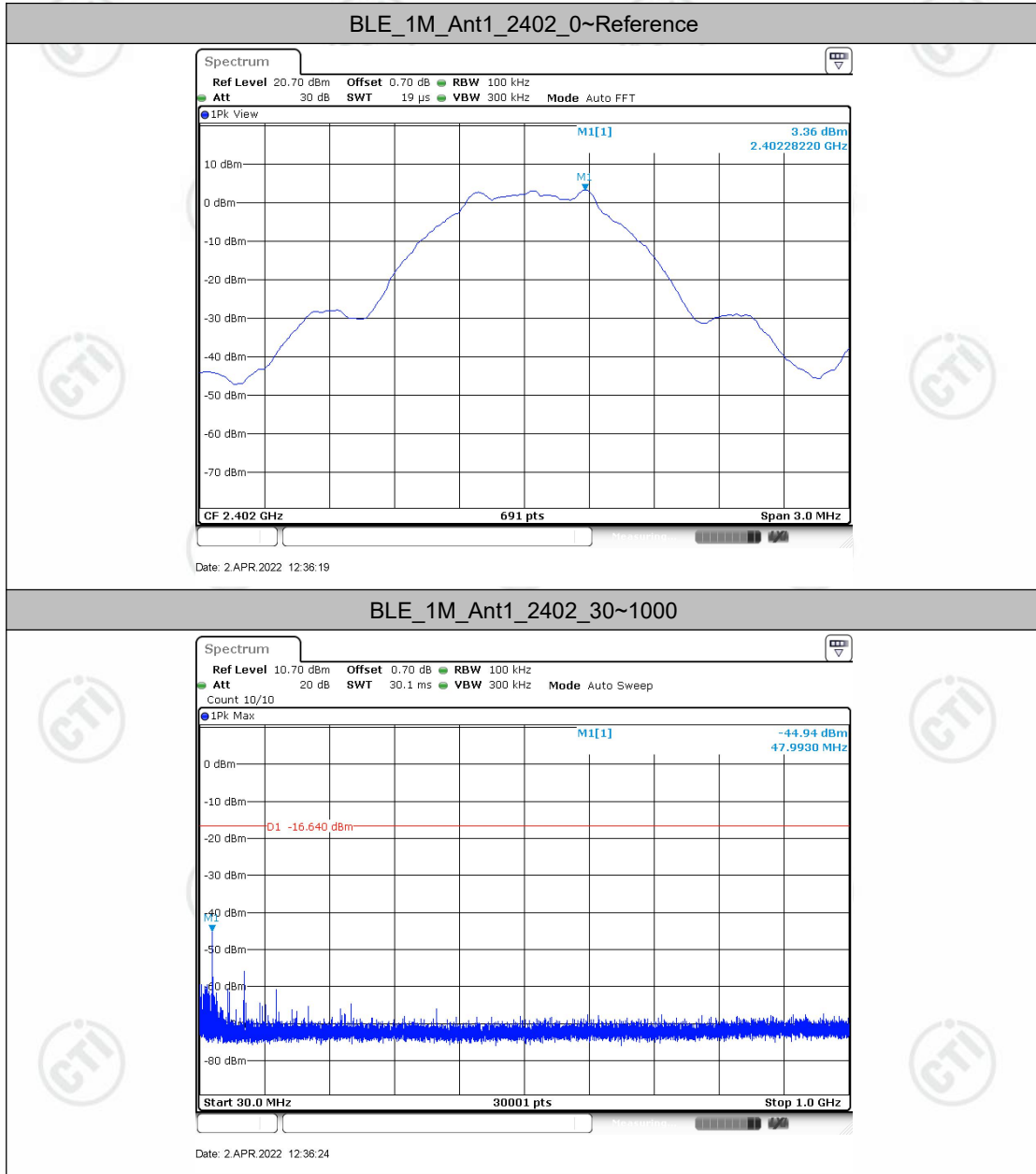


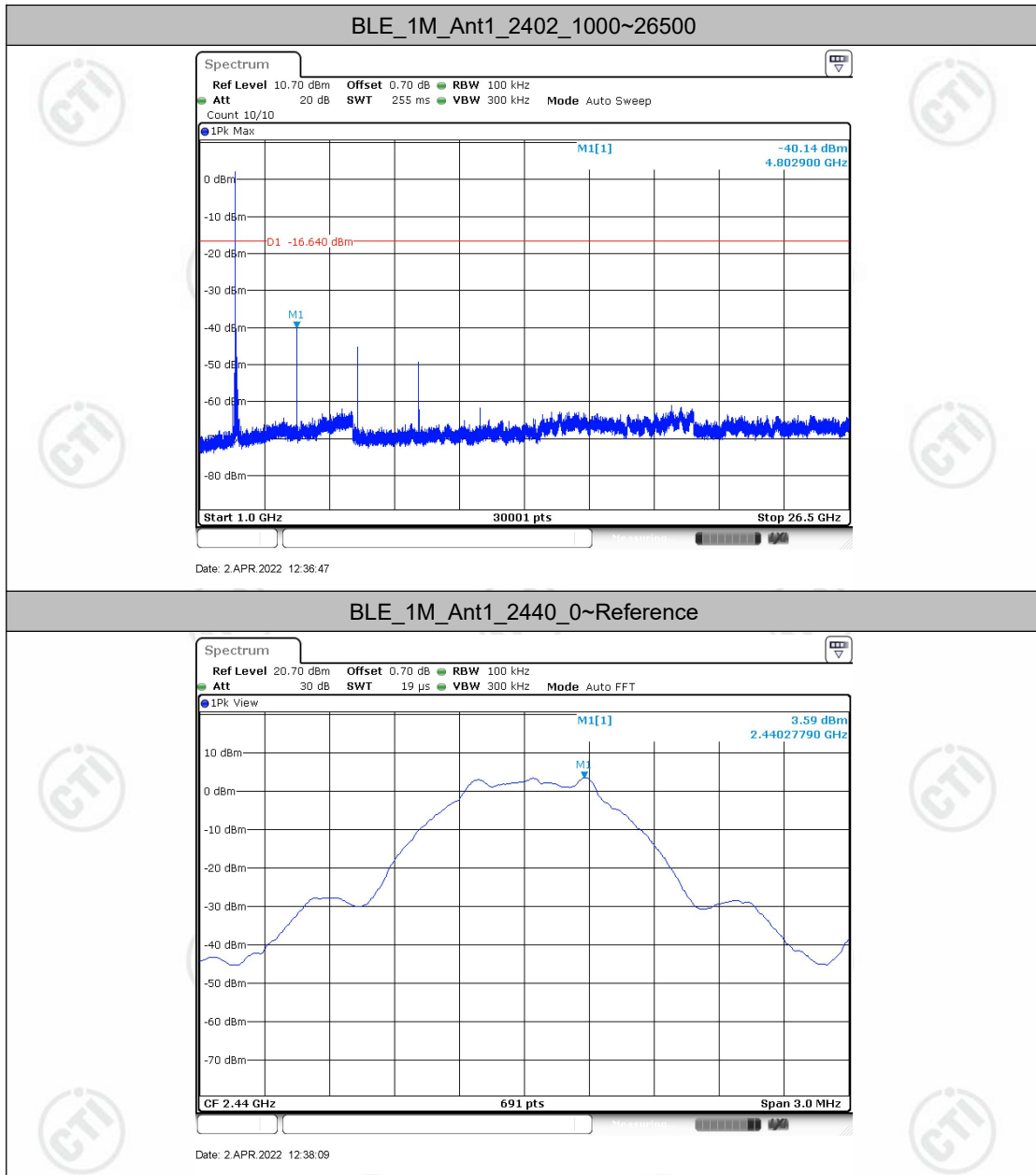
## Appendix F: Conducted Spurious Emission

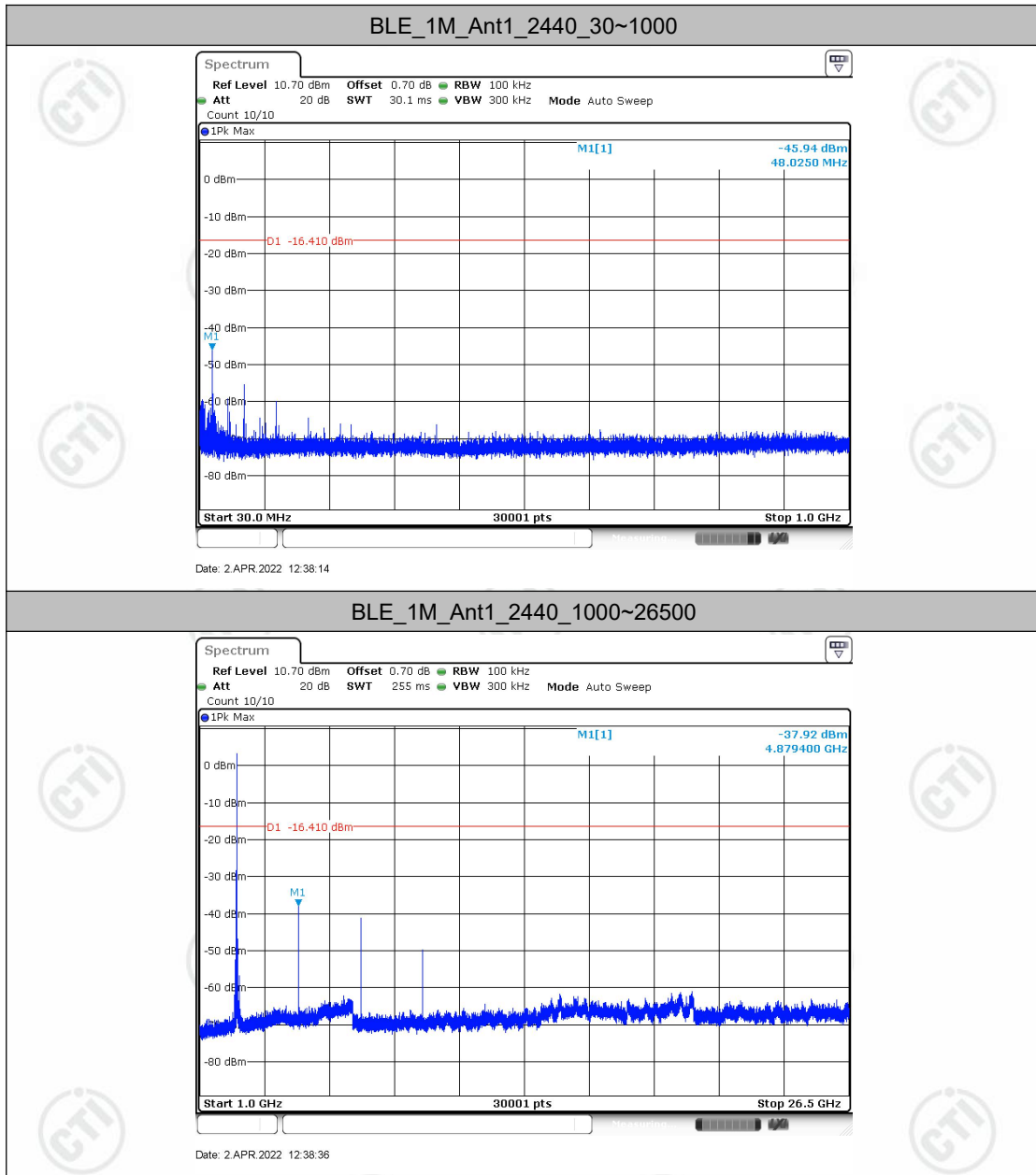
### Test Result

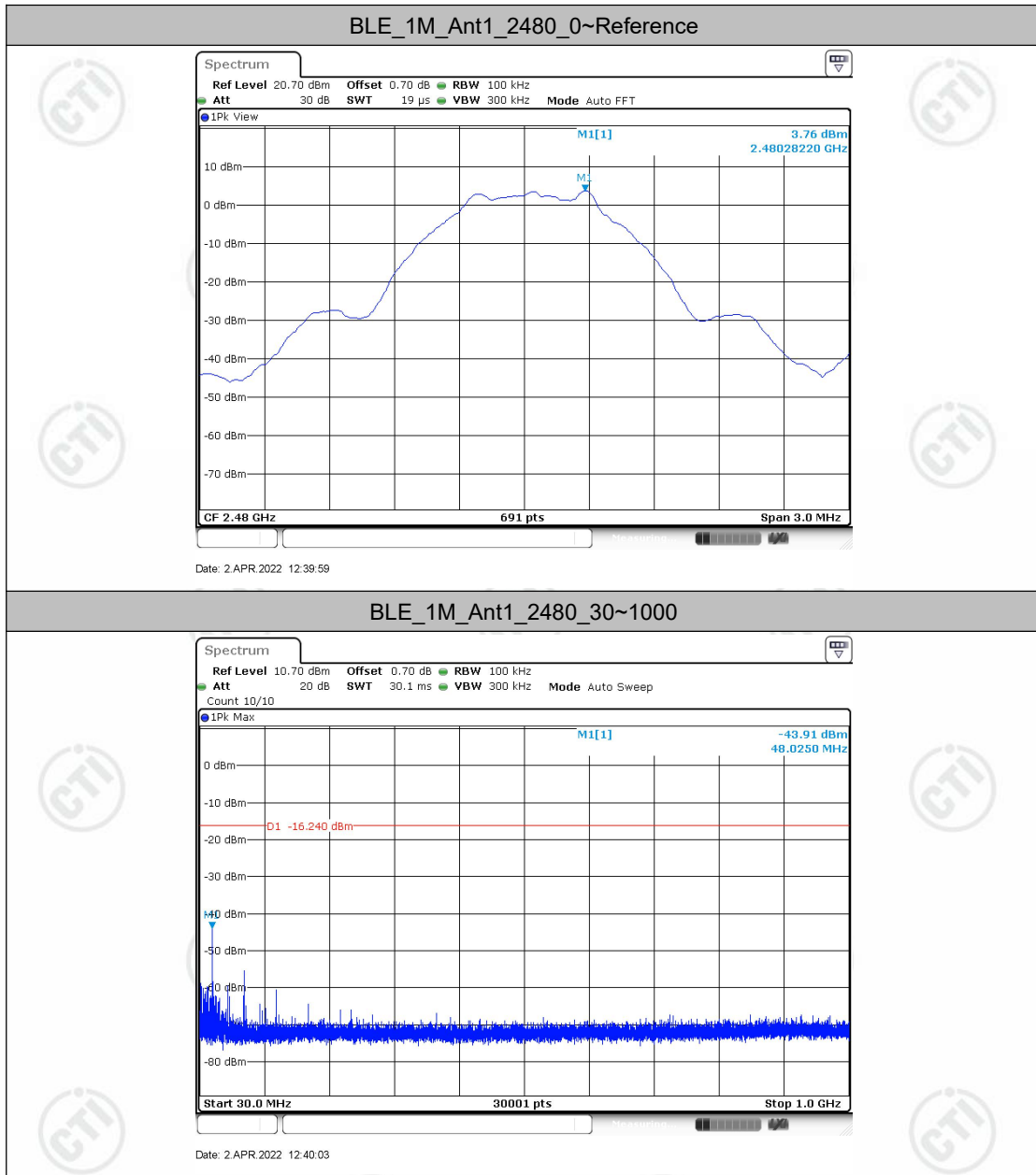
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	3.36	3.36	---	PASS
			30~1000	---	-44.94	<=-16.64	PASS
			1000~26500	---	-40.14	<=-16.64	PASS
		2440	Reference	3.59	3.59	---	PASS
			30~1000	---	-45.94	<=-16.41	PASS
			1000~26500	---	-37.92	<=-16.41	PASS
		2480	Reference	3.76	3.76	---	PASS
			30~1000	---	-43.91	<=-16.24	PASS
			1000~26500	---	-37.91	<=-16.24	PASS

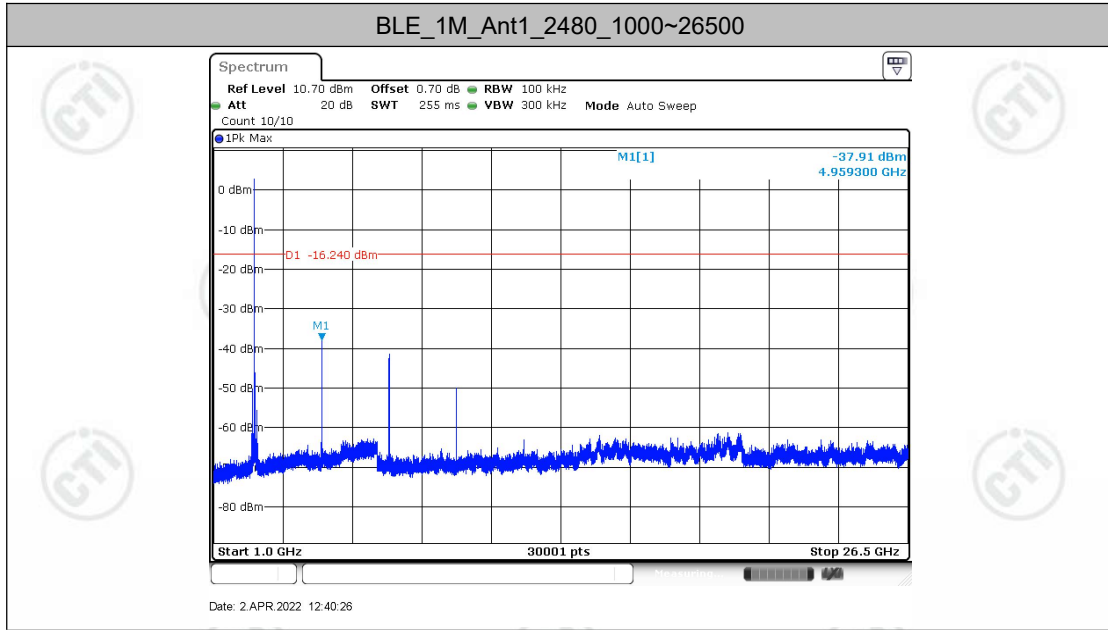
## Test Graphs









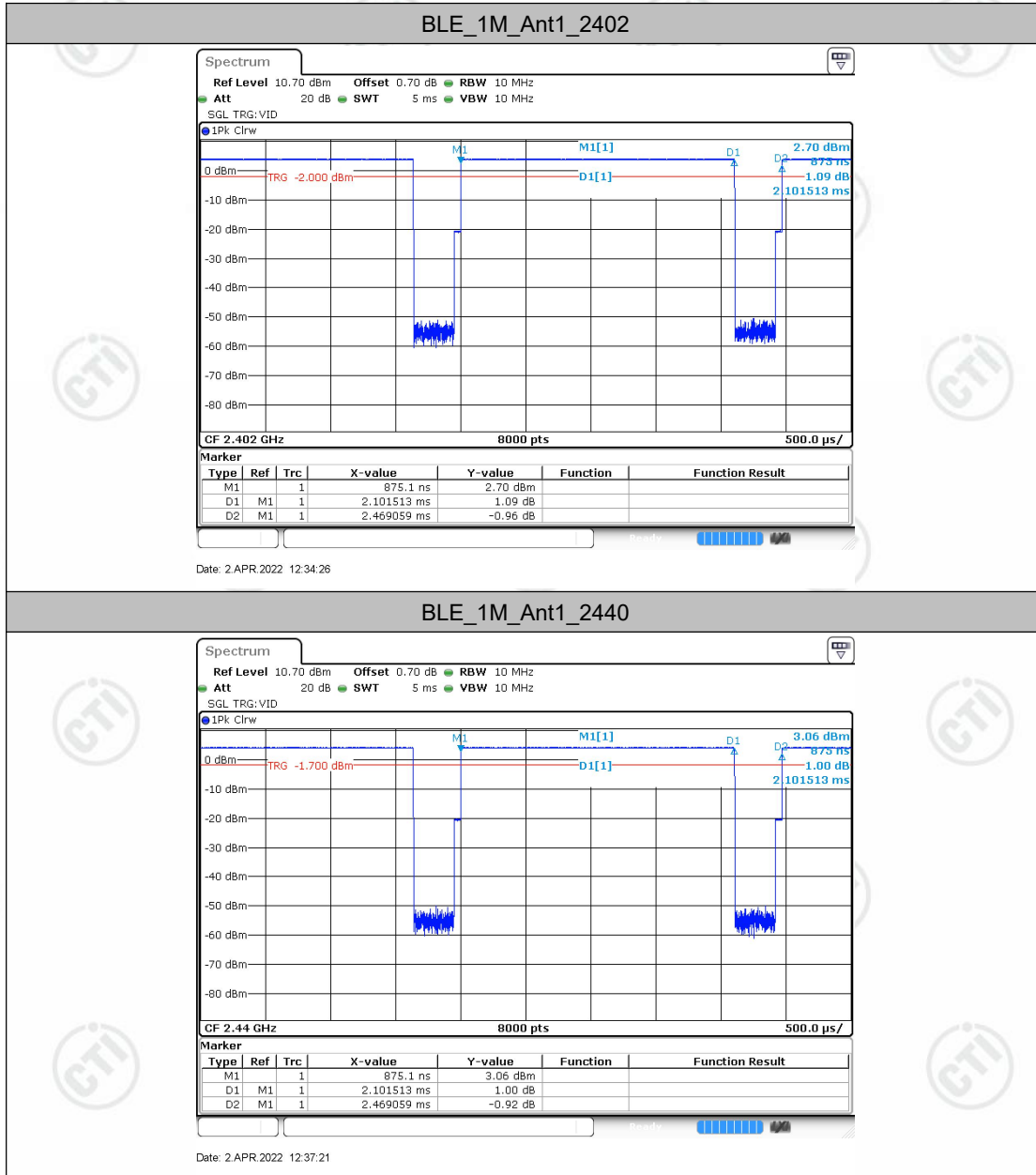


## Appendix G: Duty Cycle

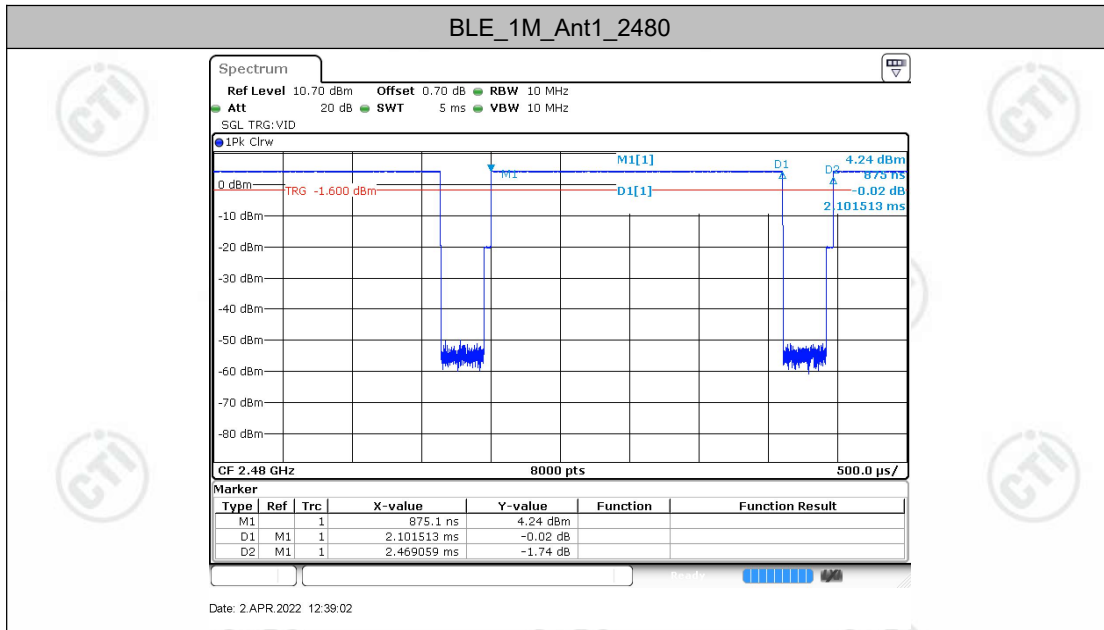
### Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	2.10	2.47	85.11	---	PASS
		2440	2.10	2.47	85.11	---	PASS
		2480	2.10	2.47	85.11	---	PASS

## Test Graphs







\*\*\* End of Report \*\*\*