

Appendix: Bluetooth LE

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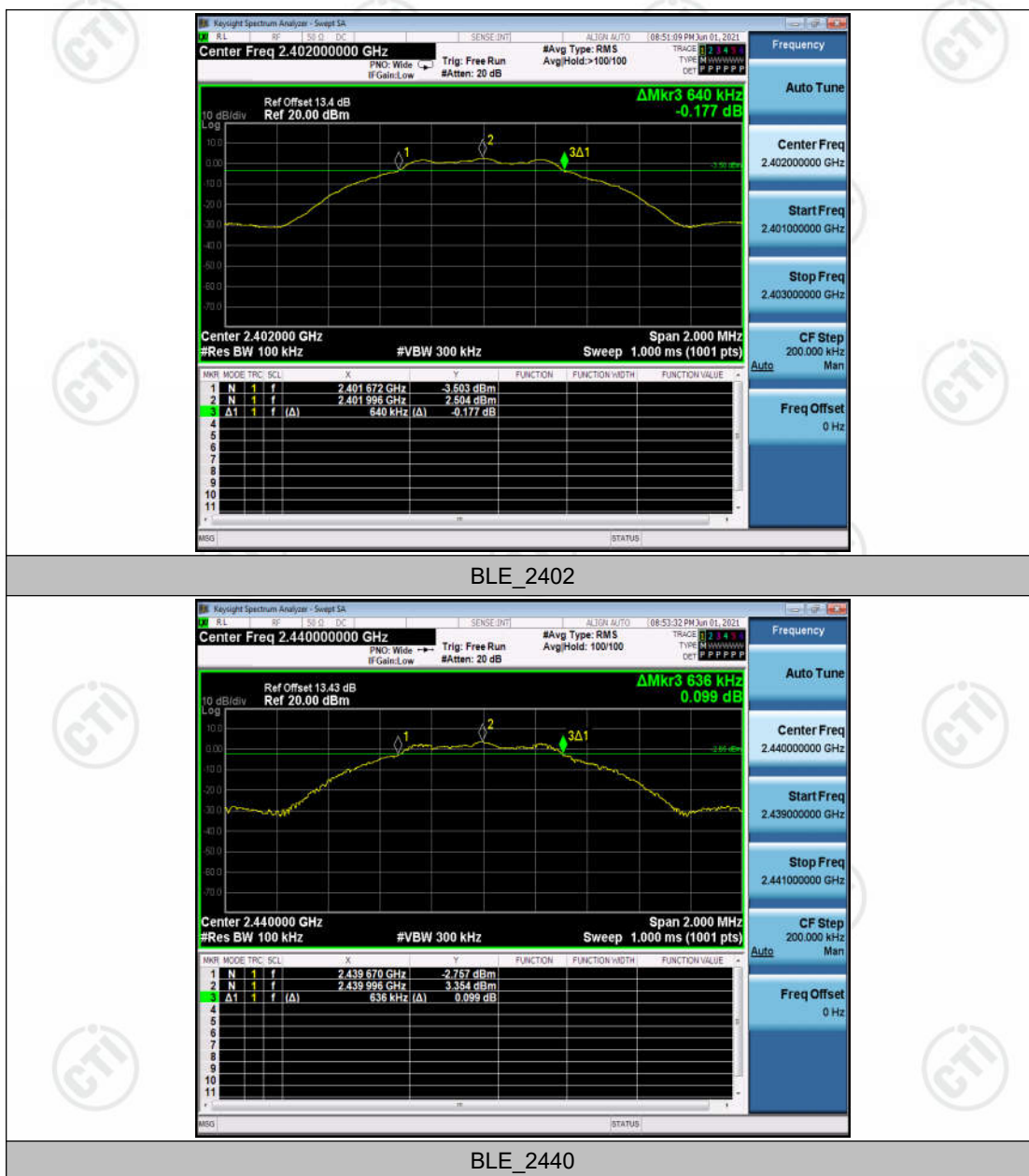
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Appendix A: DTS Bandwidth

Test Result

Test Mode	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	2402	0.640	2401.672	2402.312	0.5	PASS
	2440	0.636	2439.670	2440.306	0.5	PASS
	2480	0.640	2479.674	2480.314	0.5	PASS

Test Graphs

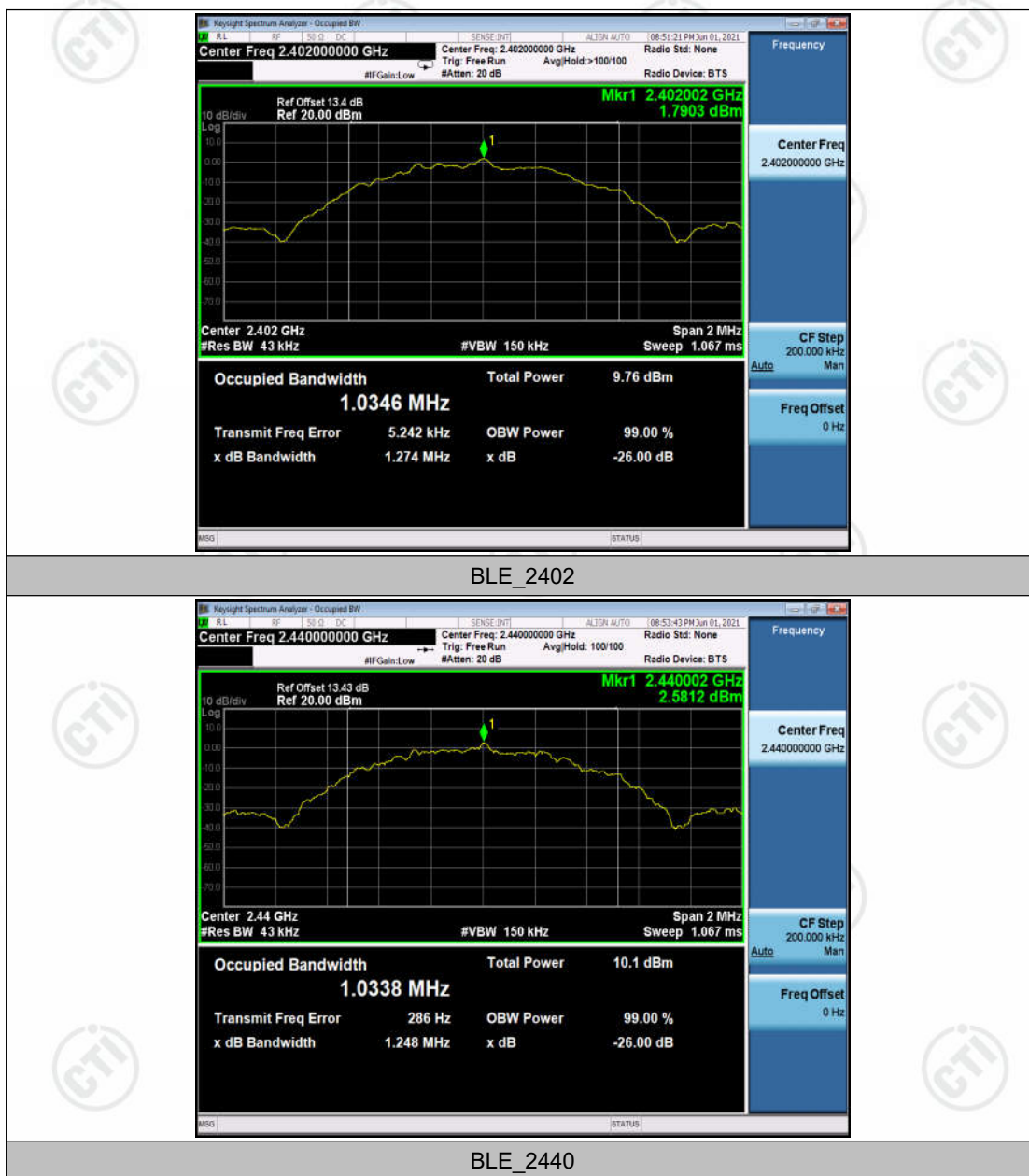


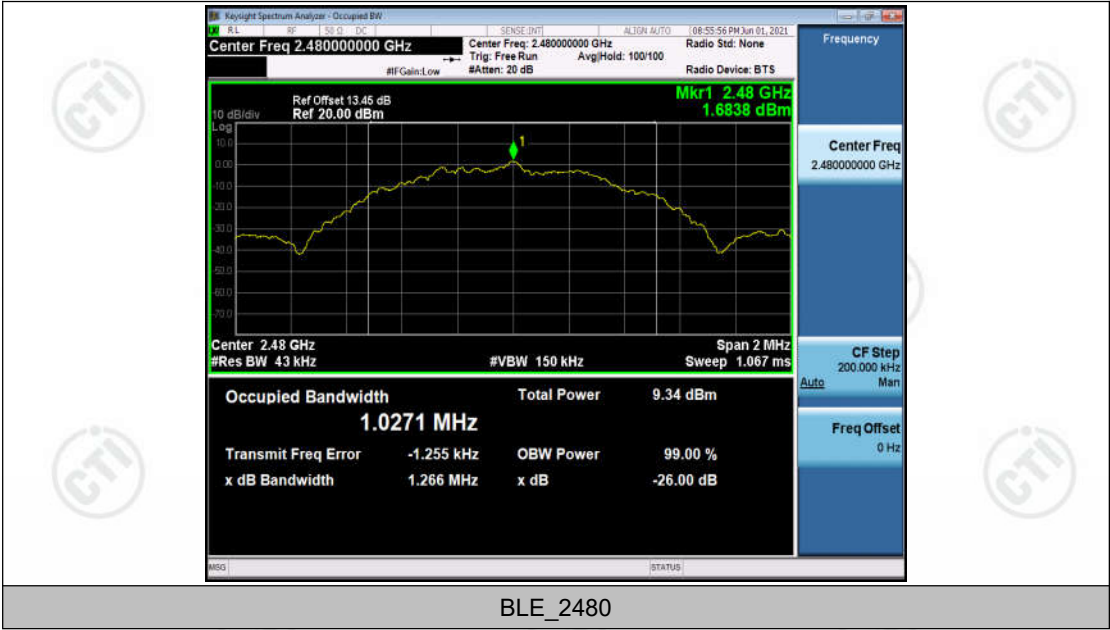


Appendix B: Occupied Channel Bandwidth**Test Result**

Test Mode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	2402	1.0343	2401.488	2402.522	---	PASS
	2440	1.0338	2439.483	2440.517	---	PASS
	2480	1.0271	2479.485	2480.512	---	PASS

Test Graphs

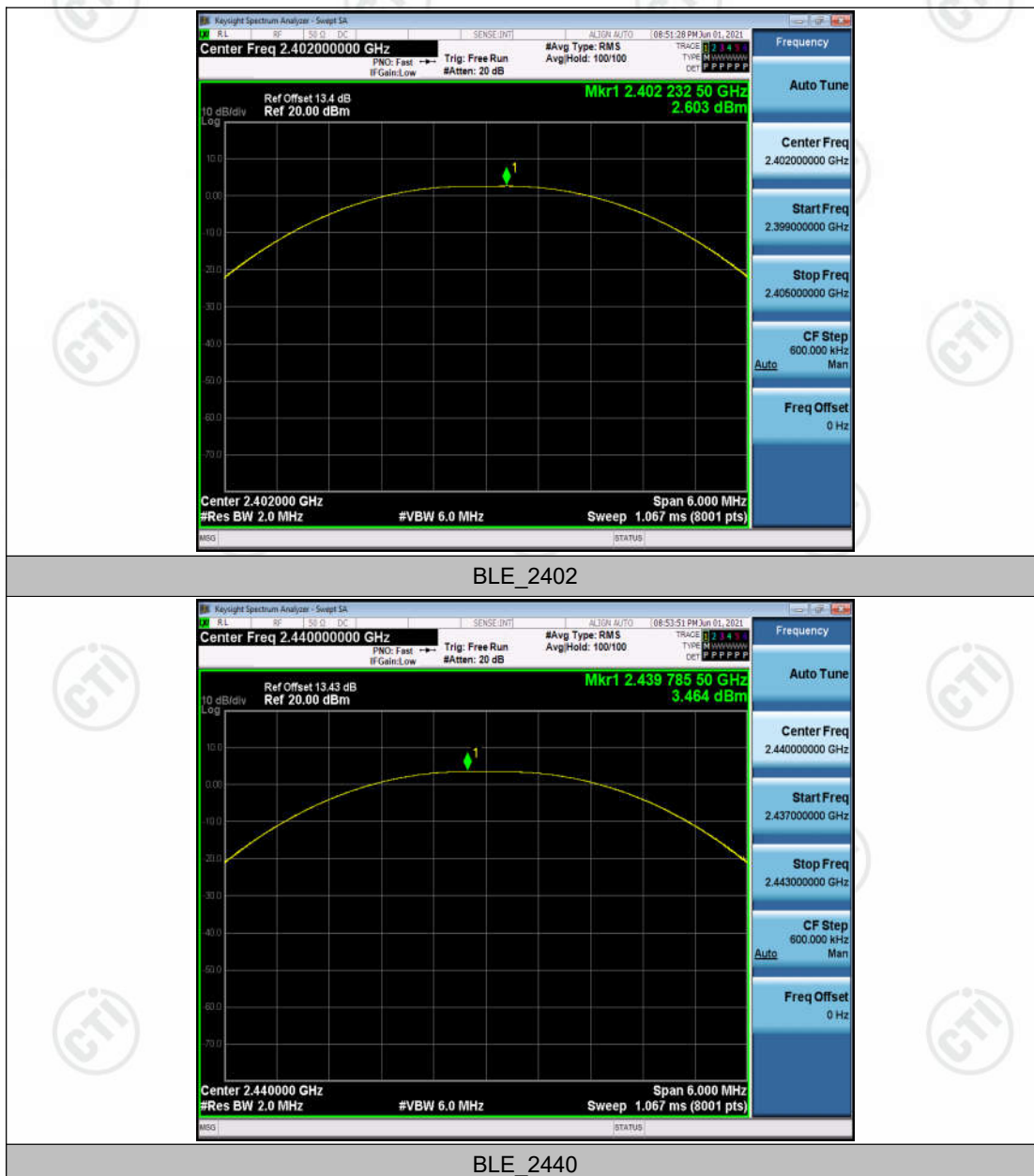


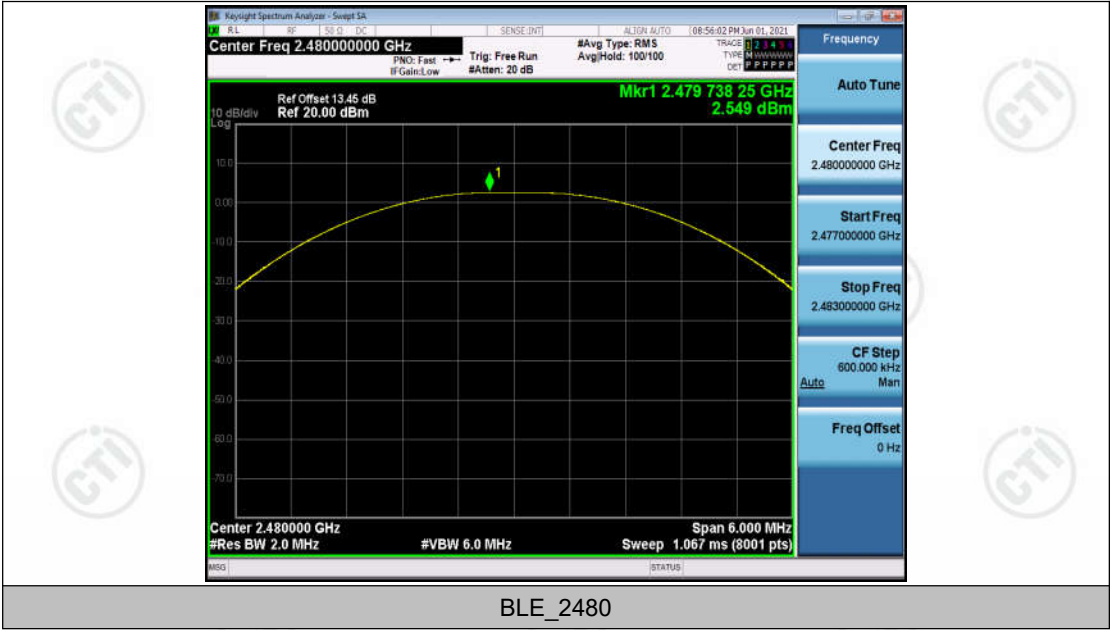


Appendix C: Maximum conducted output power**Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	2.6	<=30	PASS
		2440	3.46	<=30	PASS
		2480	2.55	<=30	PASS

Test Graphs



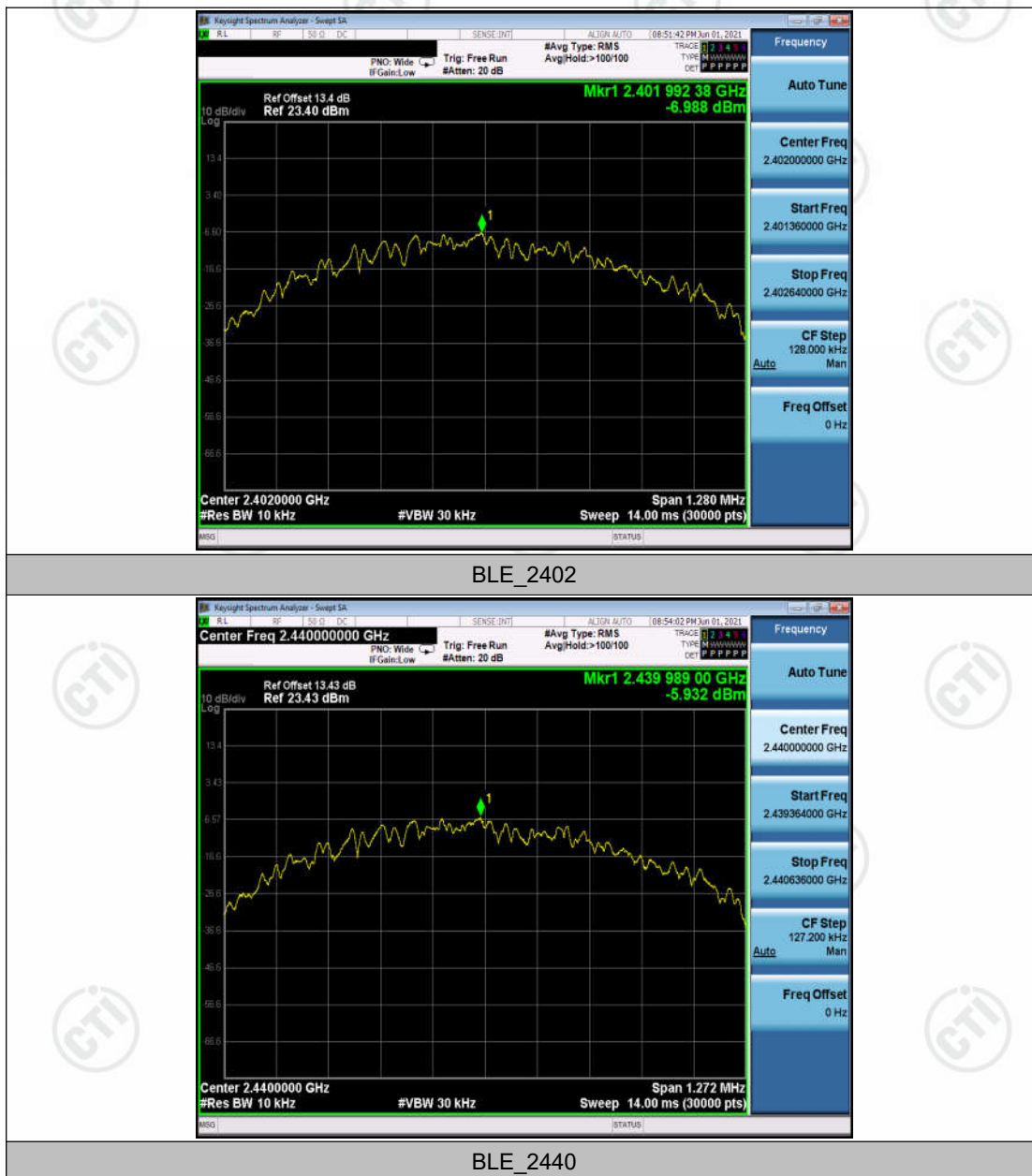


Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-6.99	<=8	PASS
		2440	-5.93	<=8	PASS
		2480	-6.94	<=8	PASS

Test Graphs



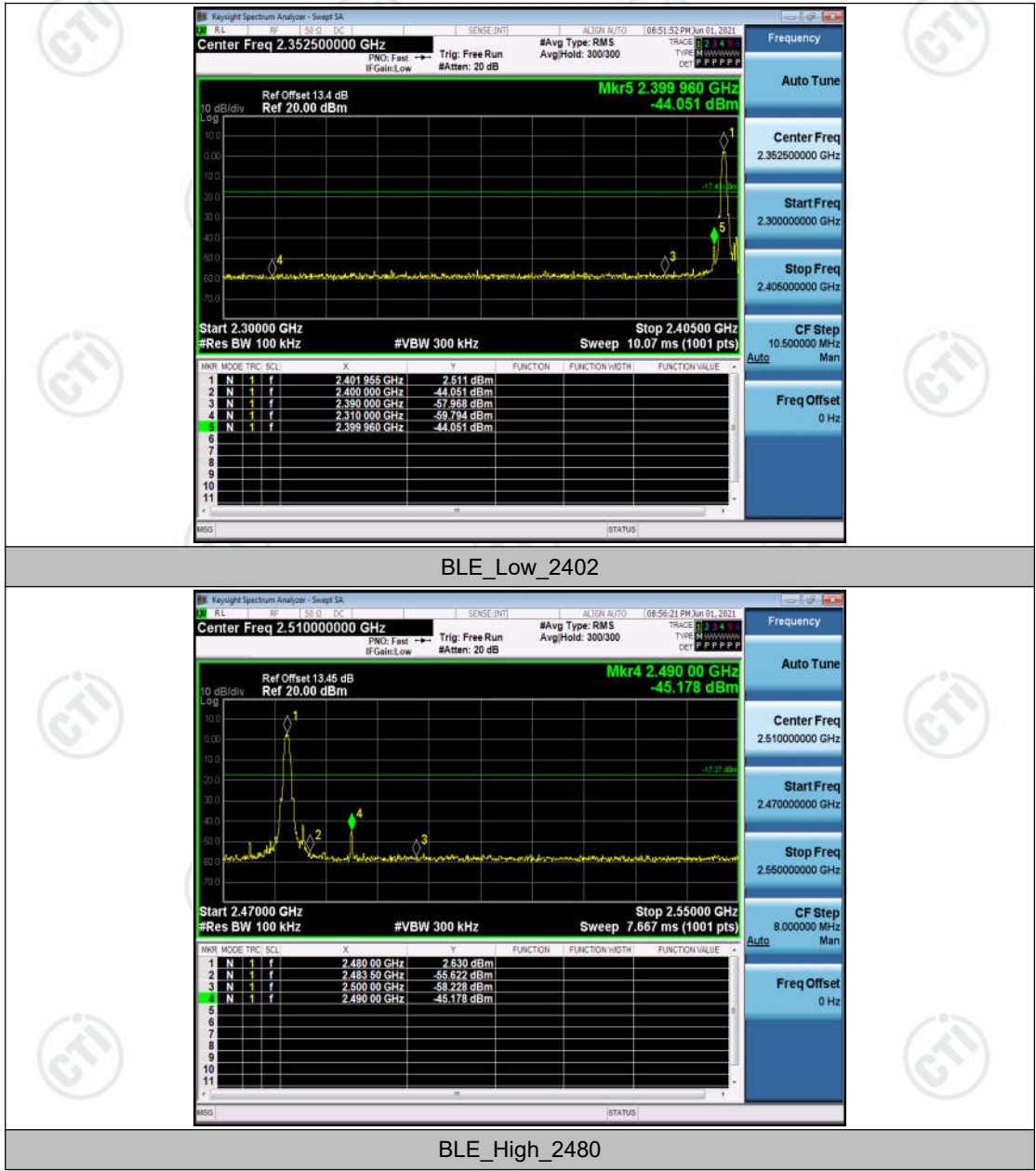


Appendix E: Band edge measurements

Test Result

Test Mode	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE	Low	2402	2.51	-44.05	<=-17.49	PASS
	High	2480	2.63	-45.18	<=-17.37	PASS

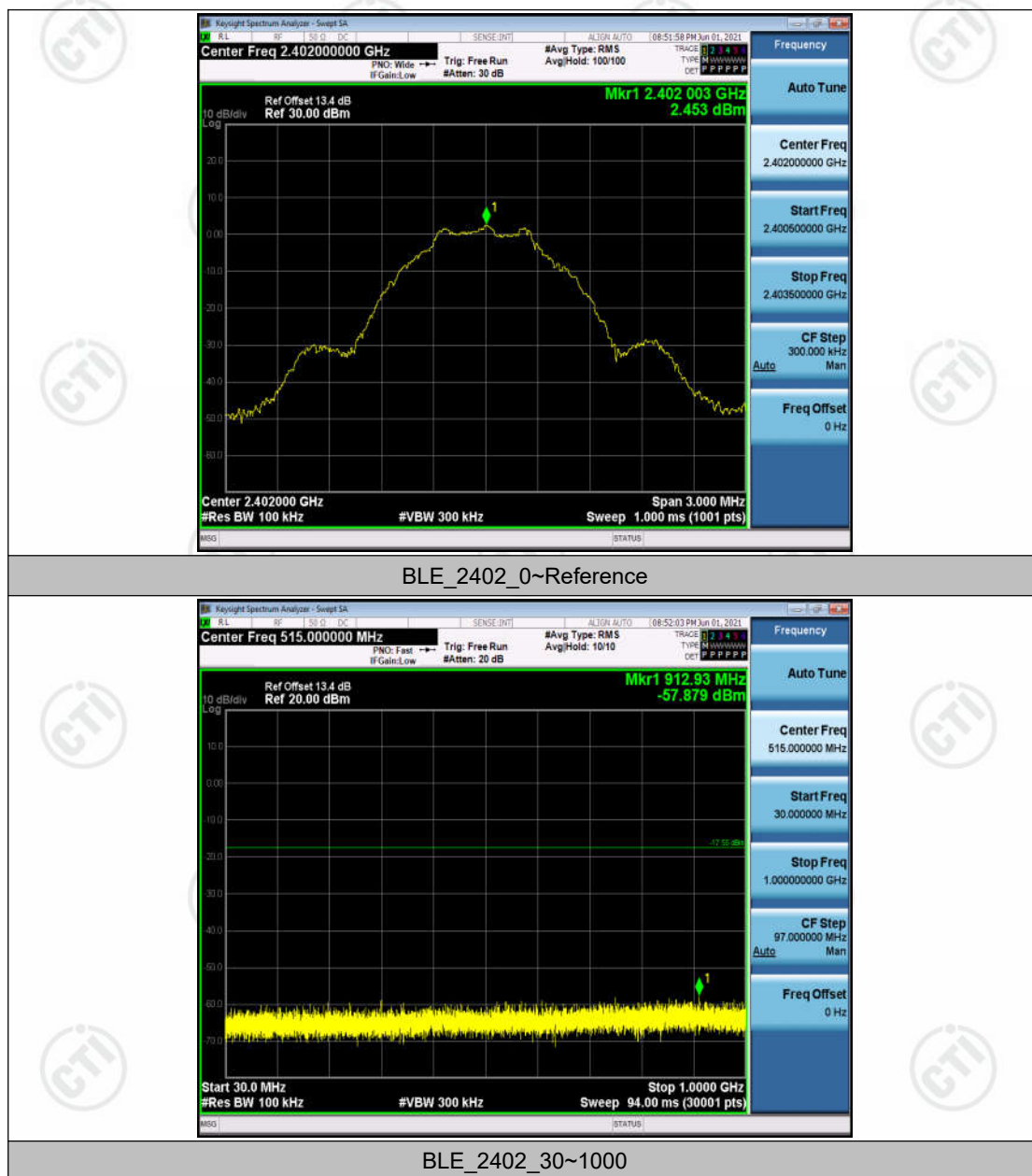
Test Graphs

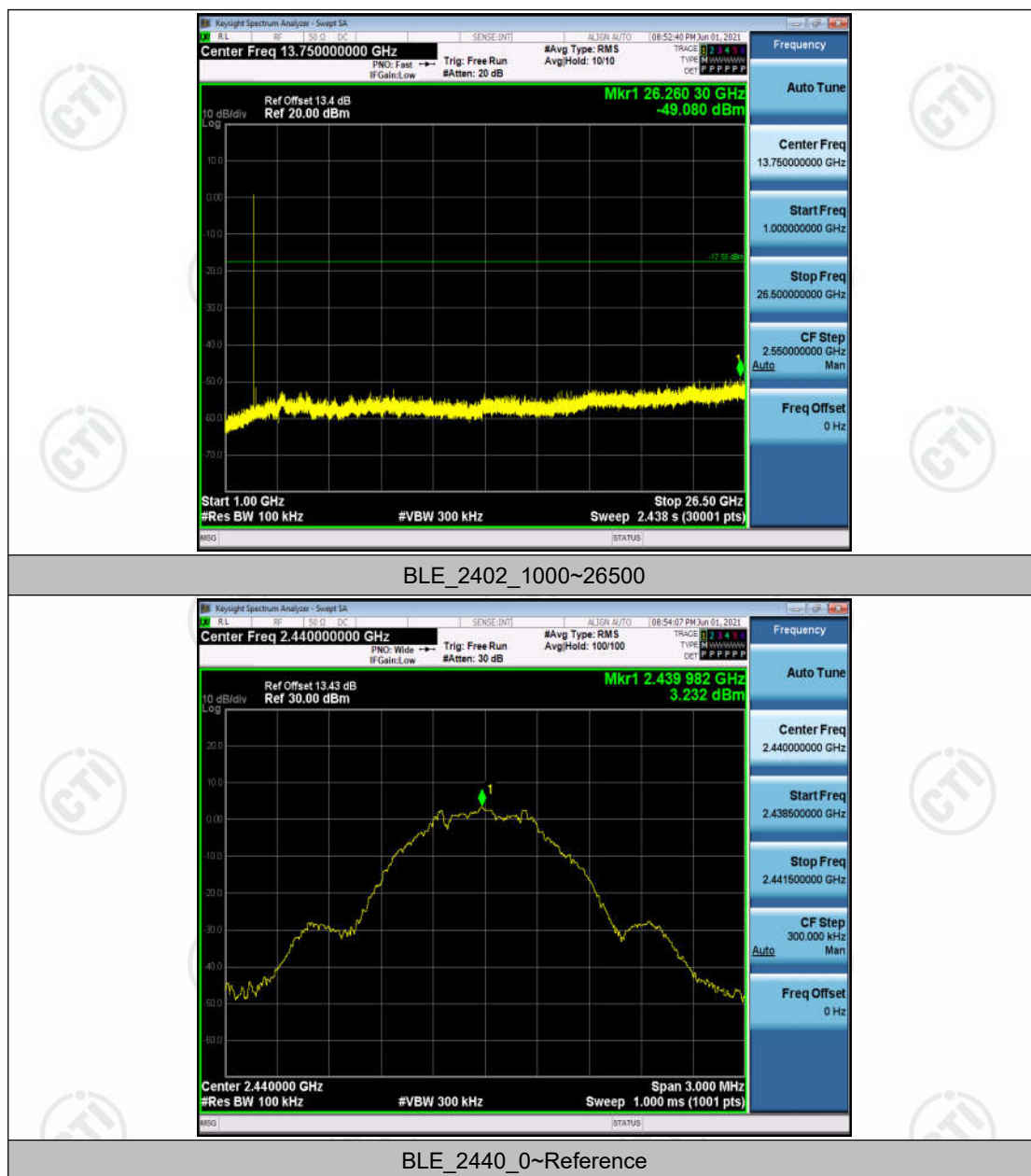


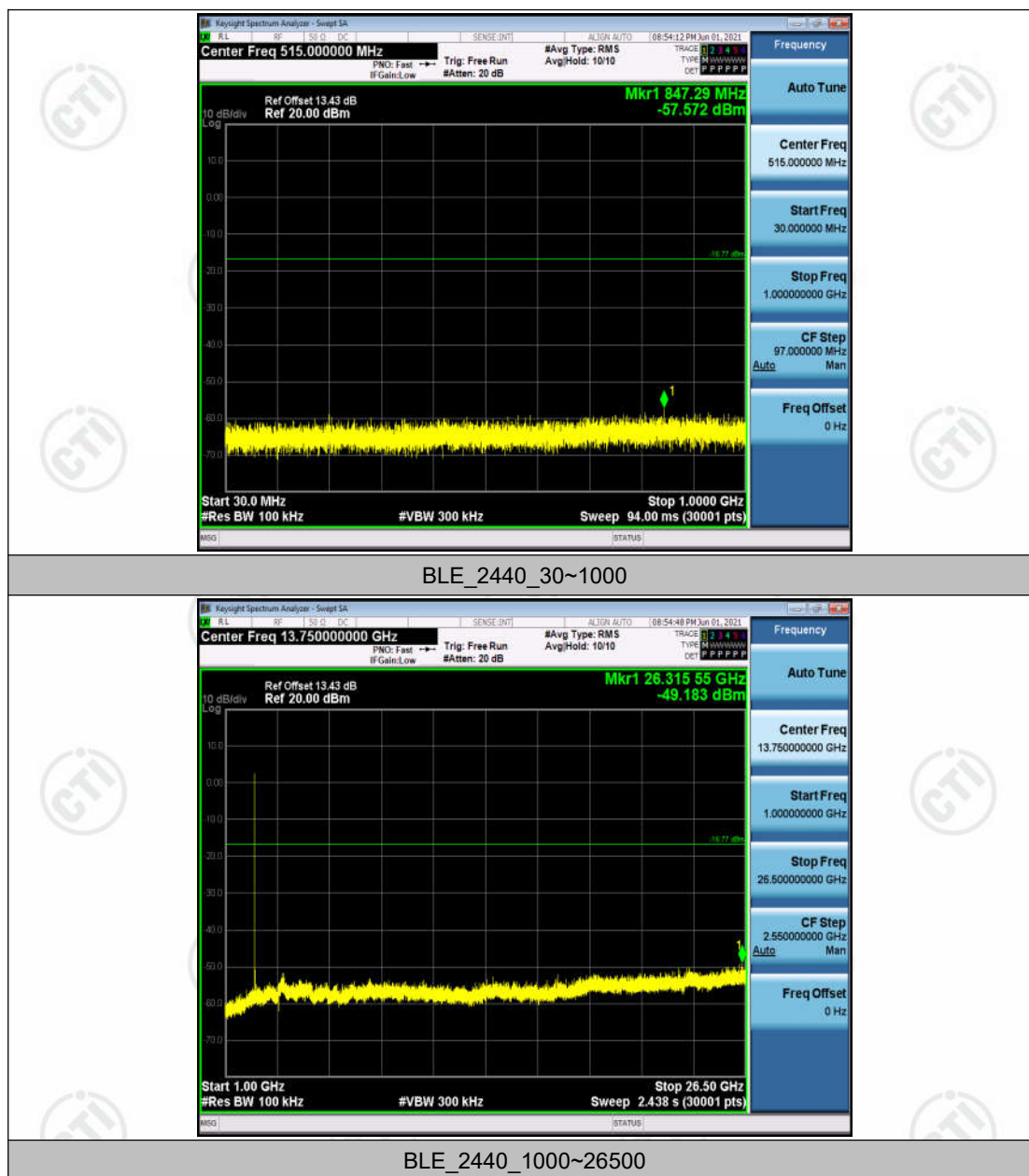
Appendix F: Conducted Spurious Emission**Test Result**

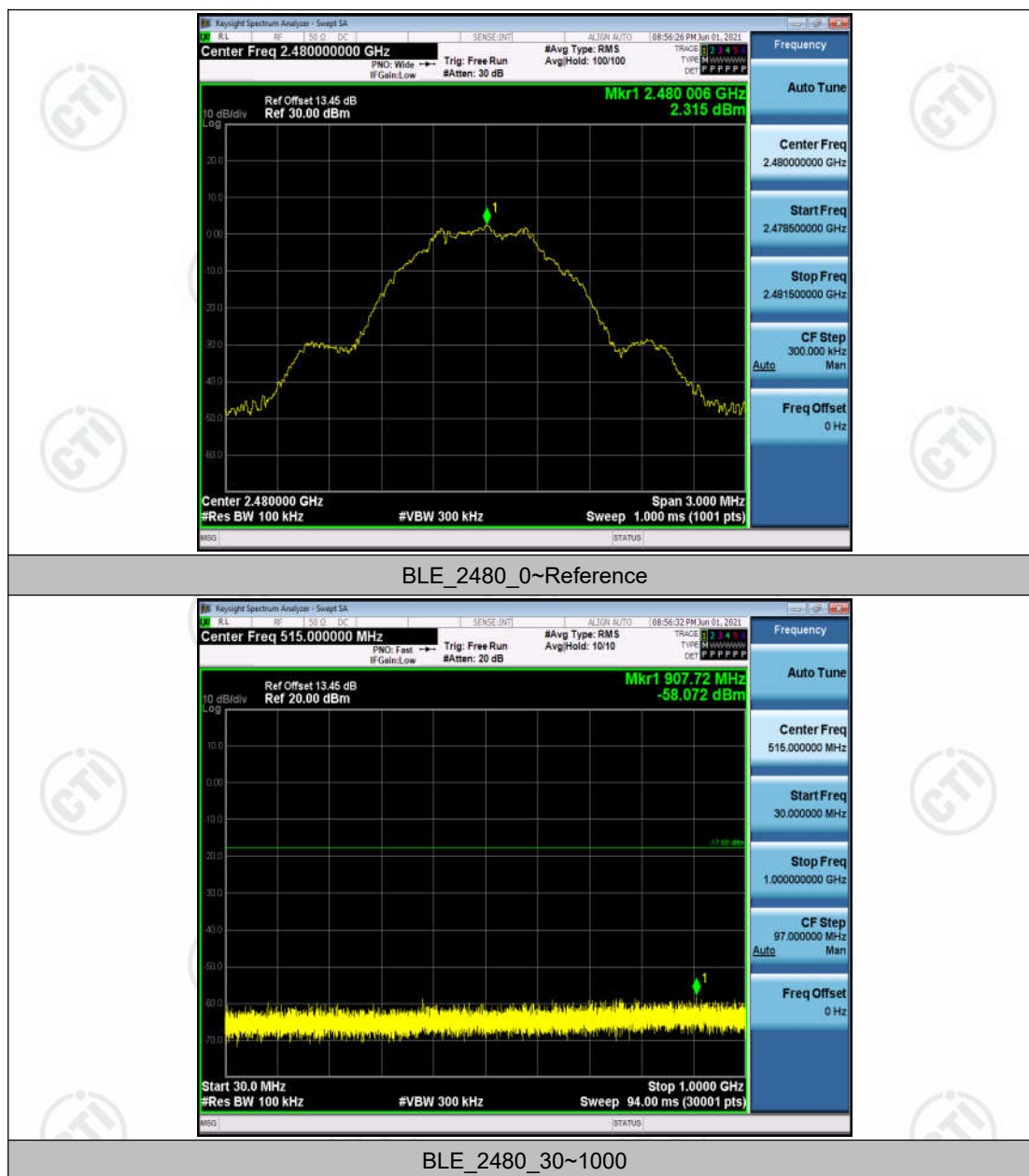
Test Mode	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE	2402	Reference	2.45	2.45	---	PASS
		30~1000	30~1000	-57.879	≤ -17.547	PASS
		1000~26500	1000~26500	-49.08	≤ -17.547	PASS
	2440	Reference	3.23	3.23	---	PASS
		30~1000	30~1000	-57.572	≤ -16.768	PASS
		1000~26500	1000~26500	-49.183	≤ -16.768	PASS
	2480	Reference	2.32	2.32	---	PASS
		30~1000	30~1000	-58.072	≤ -17.685	PASS
		1000~26500	1000~26500	-49.472	≤ -17.685	PASS

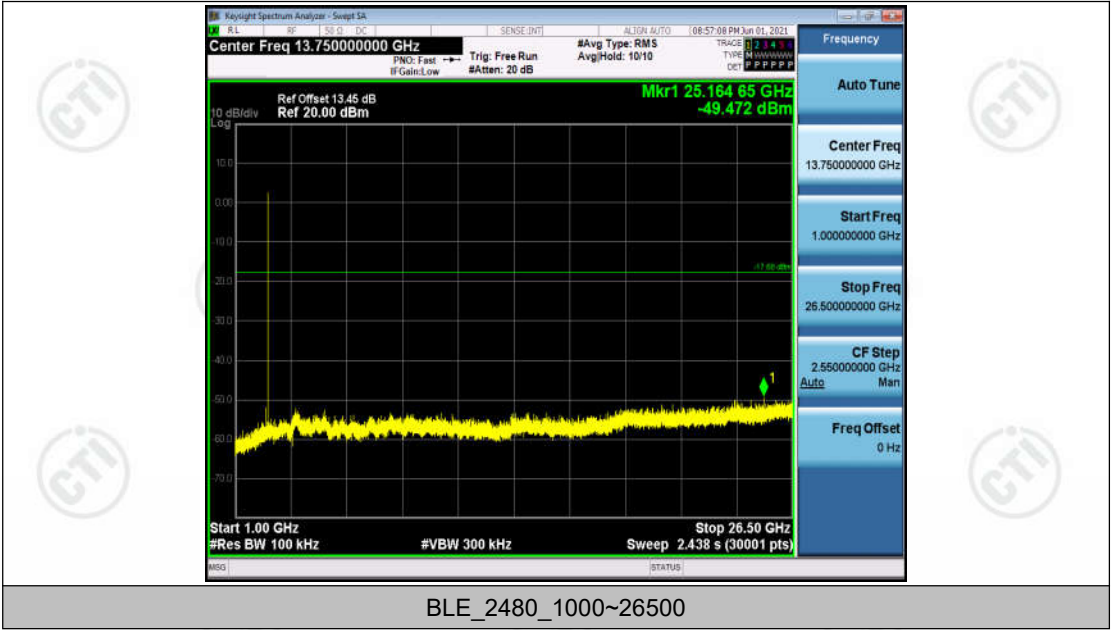
Test Graphs







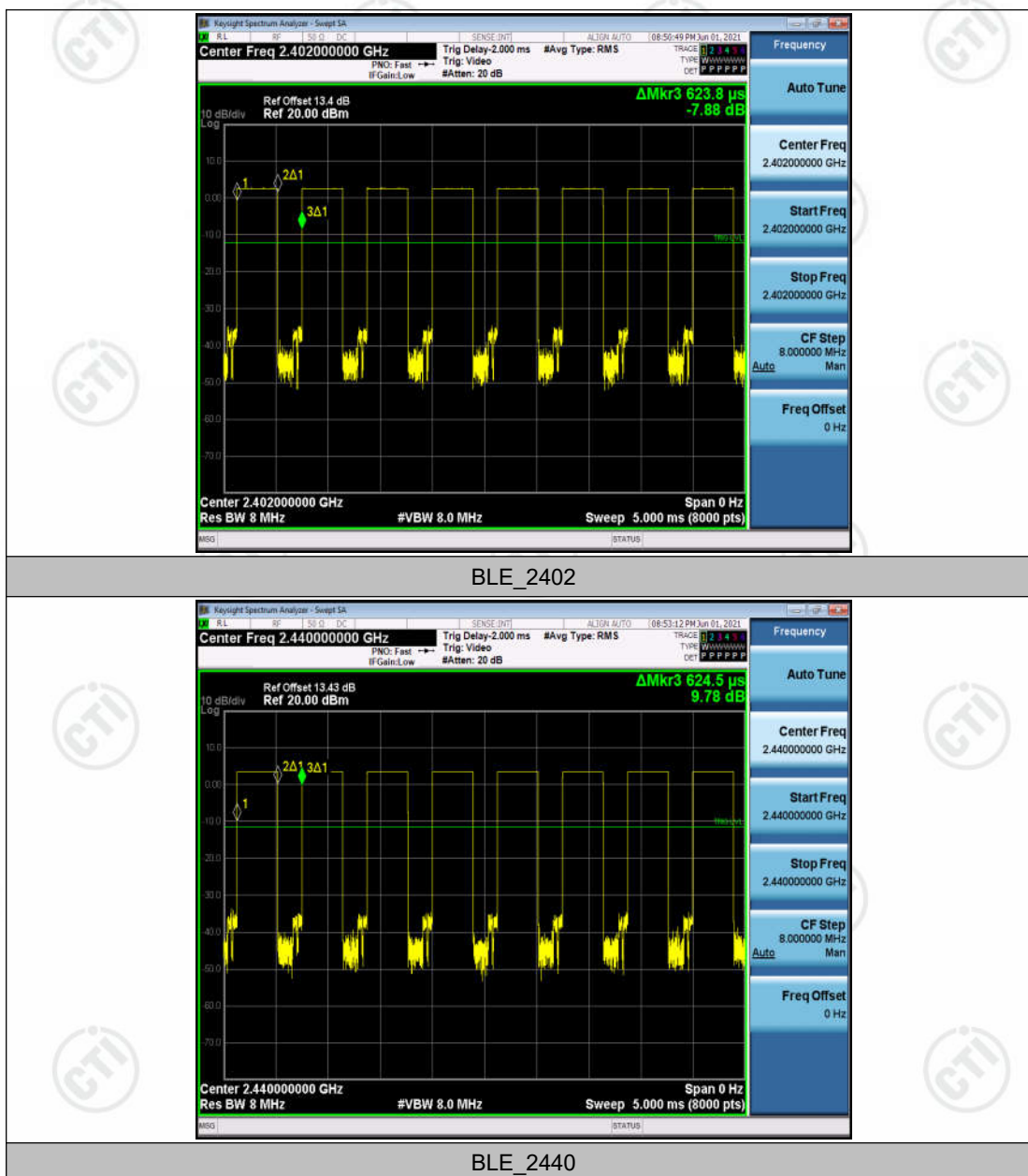


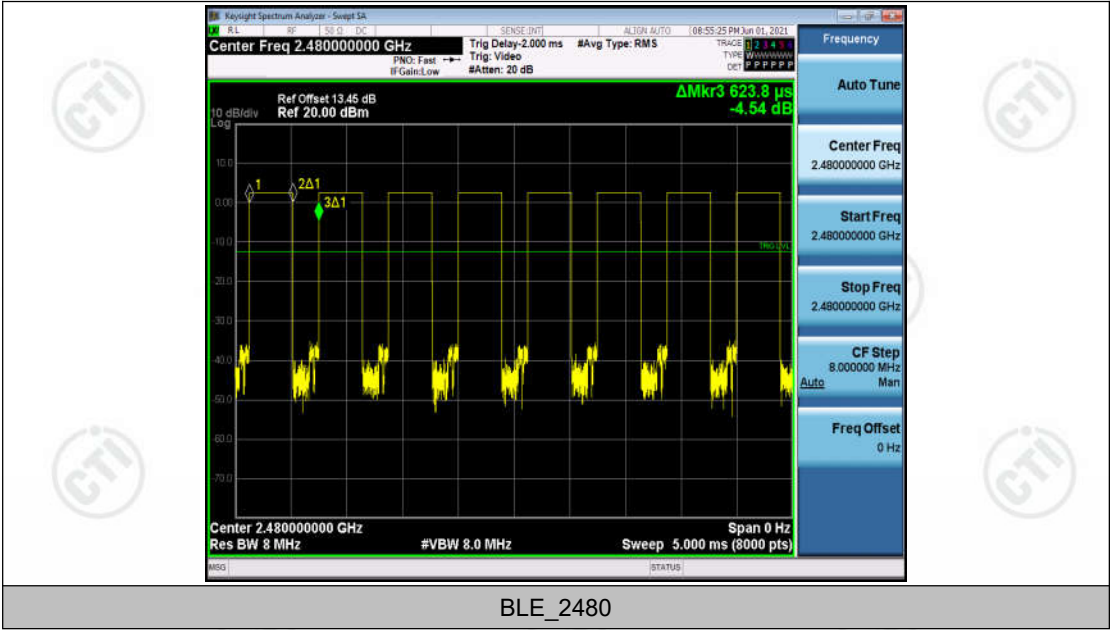


Appendix G: Duty Cycle**Test Result**

Test Mode	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE	2402	0.39	0.62	62.53	---	PASS
	2440	0.39	0.62	62.56	---	PASS
	2480	0.39	0.62	62.53	---	PASS

Test Graphs





BLE_2480

*** End of Report ***