

Appendix: Bluetooth LE

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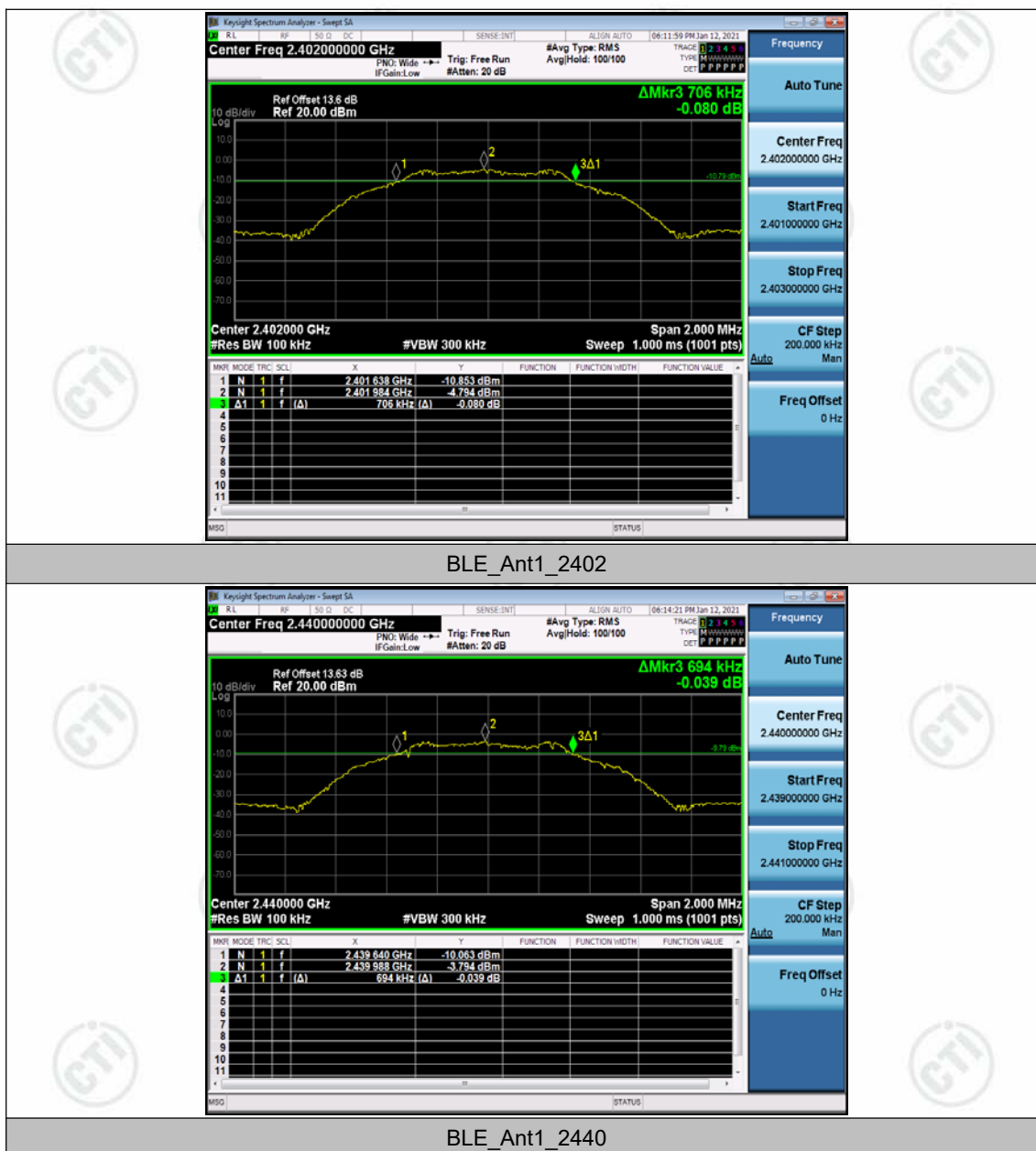
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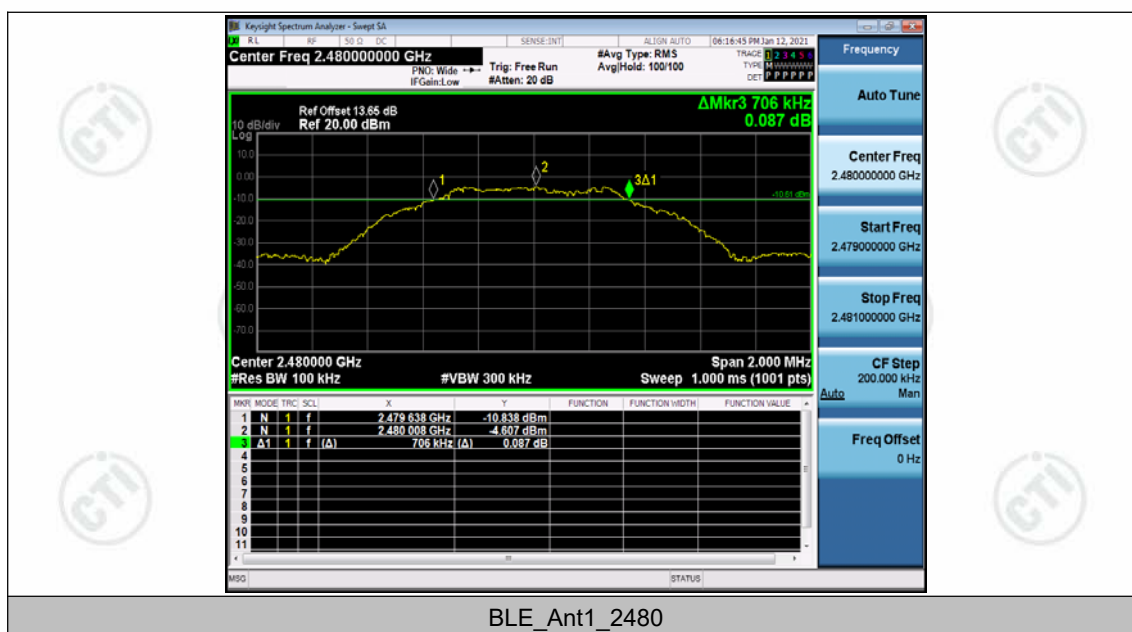
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.706	2401.638	2402.344	0.5	PASS
		2440	0.694	2439.640	2440.334	0.5	PASS
		2480	0.706	2479.638	2480.344	0.5	PASS

Test Graphs



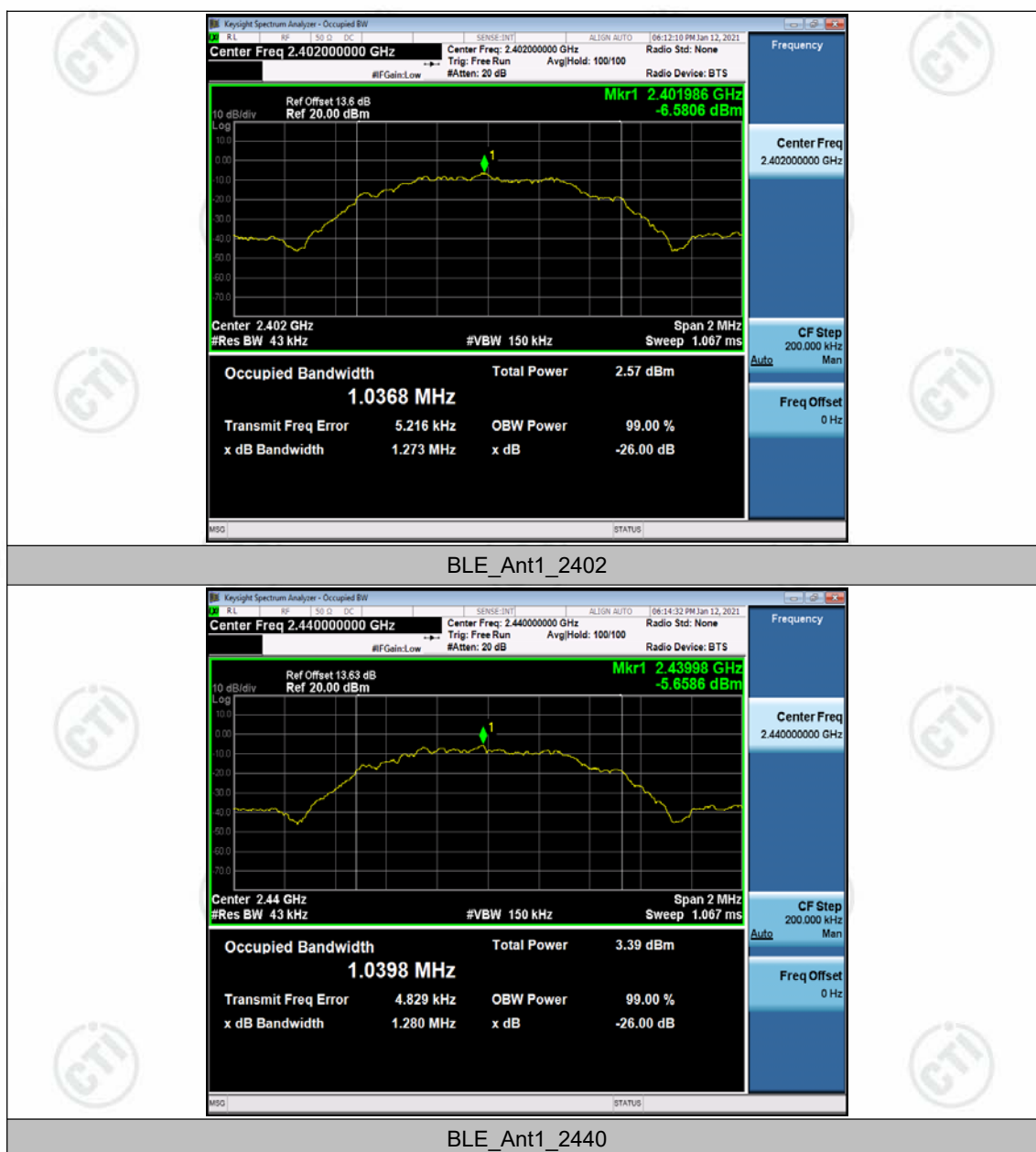


Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0368	2401.487	2402.524	---	PASS
		2440	1.0398	2439.485	2440.525	---	PASS
		2480	1.0408	2479.483	2480.524	---	PASS

Test Graphs



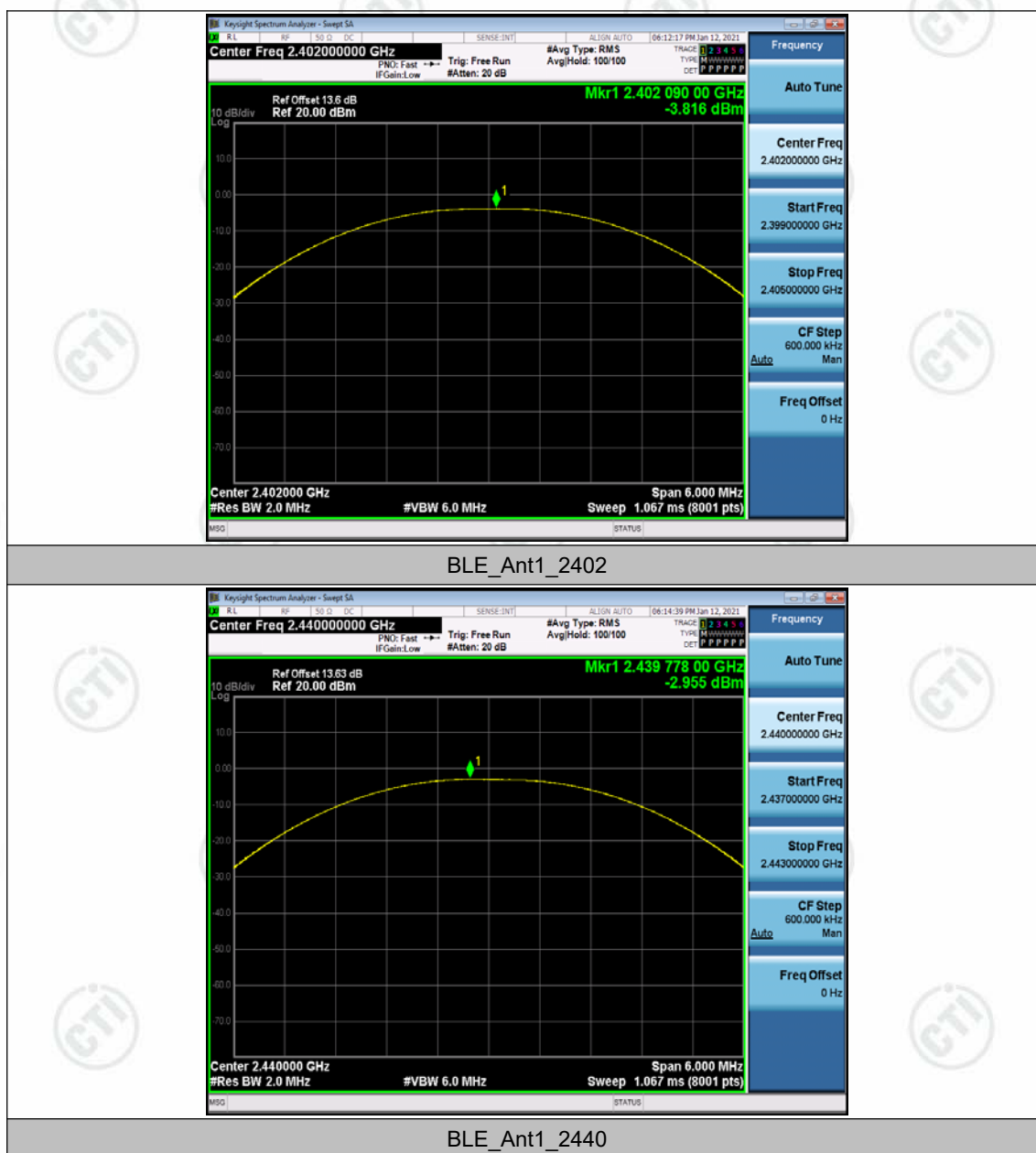


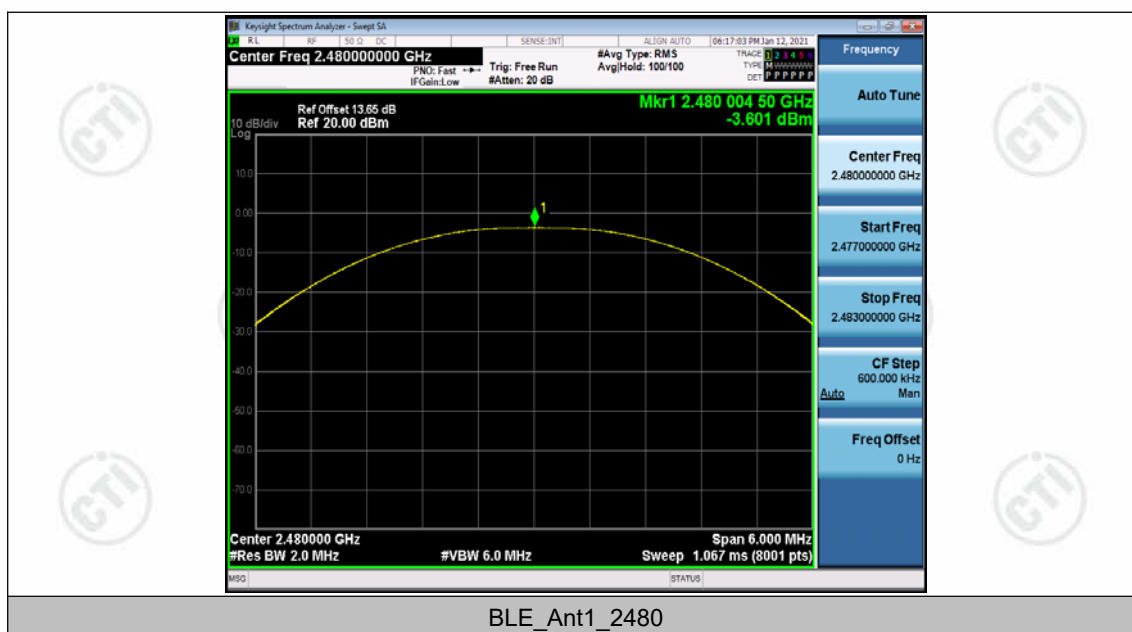
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	-3.82	<=30	PASS
		2440	-2.96	<=30	PASS
		2480	-3.6	<=30	PASS

Test Graphs



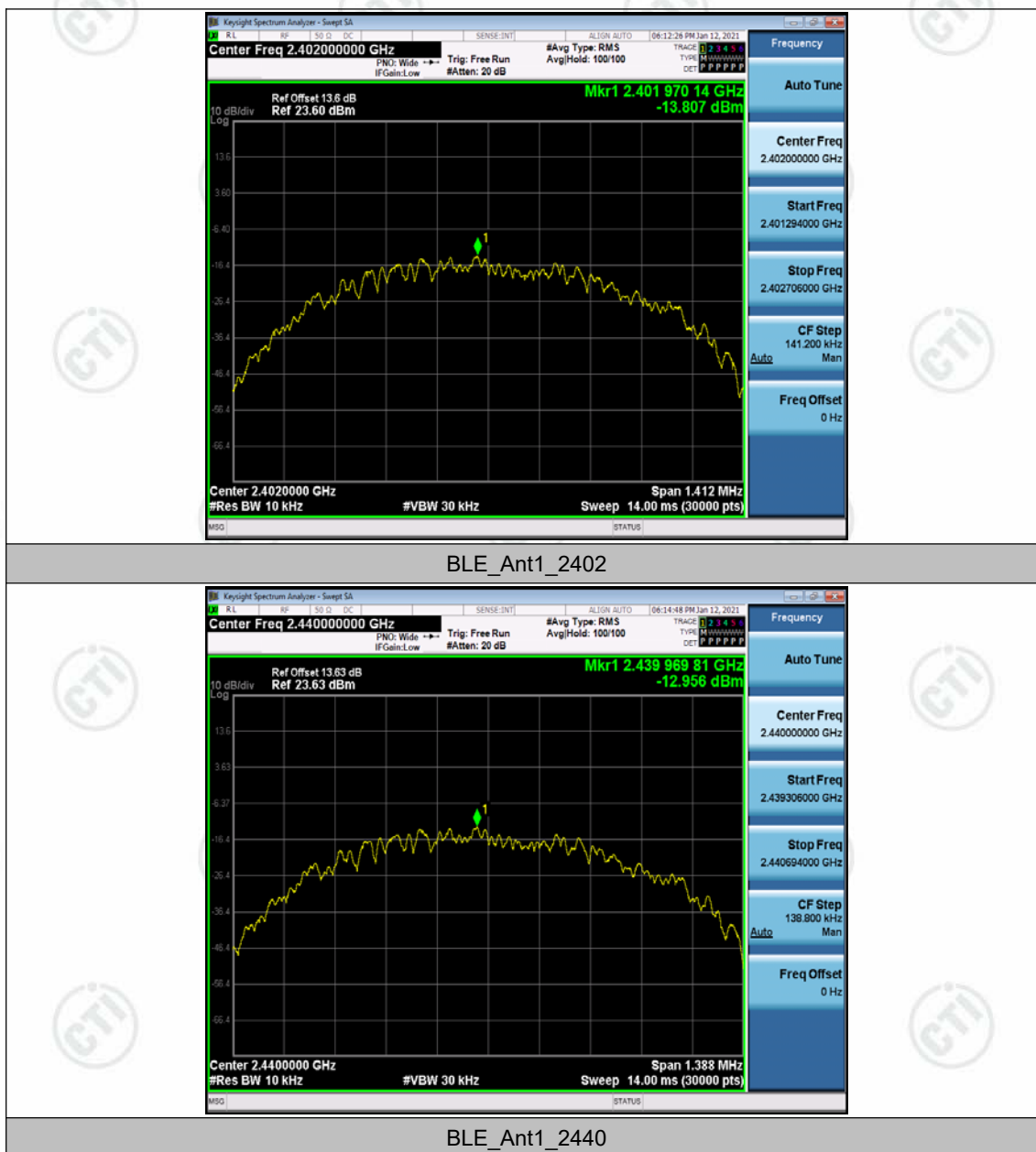


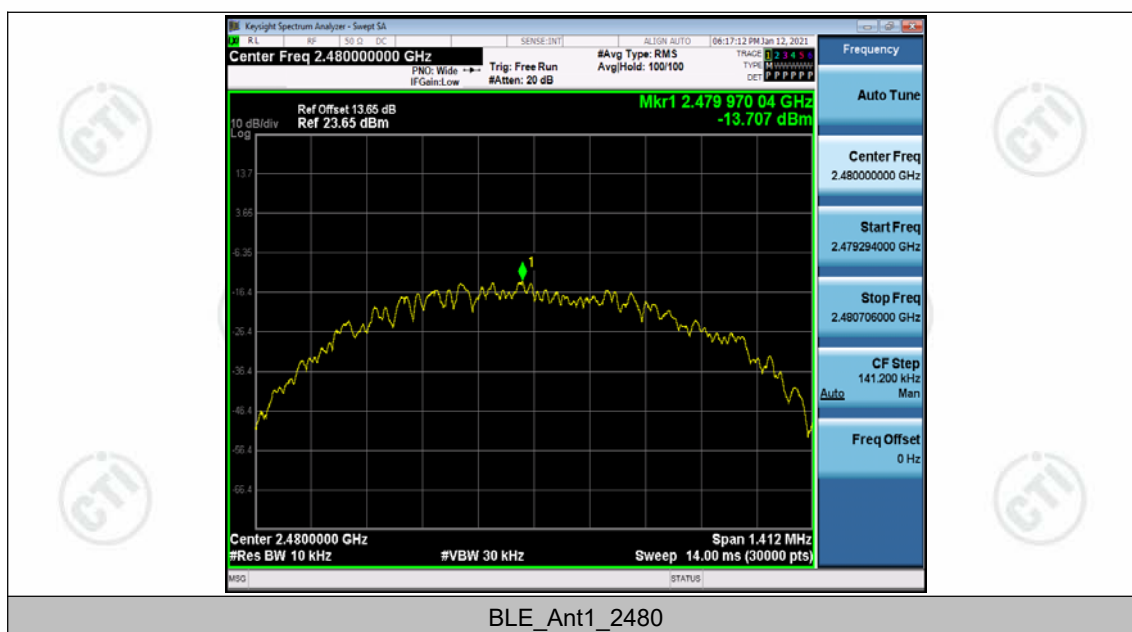
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-13.81	<=8	PASS
		2440	-12.96	<=8	PASS
		2480	-13.71	<=8	PASS

Test Graphs



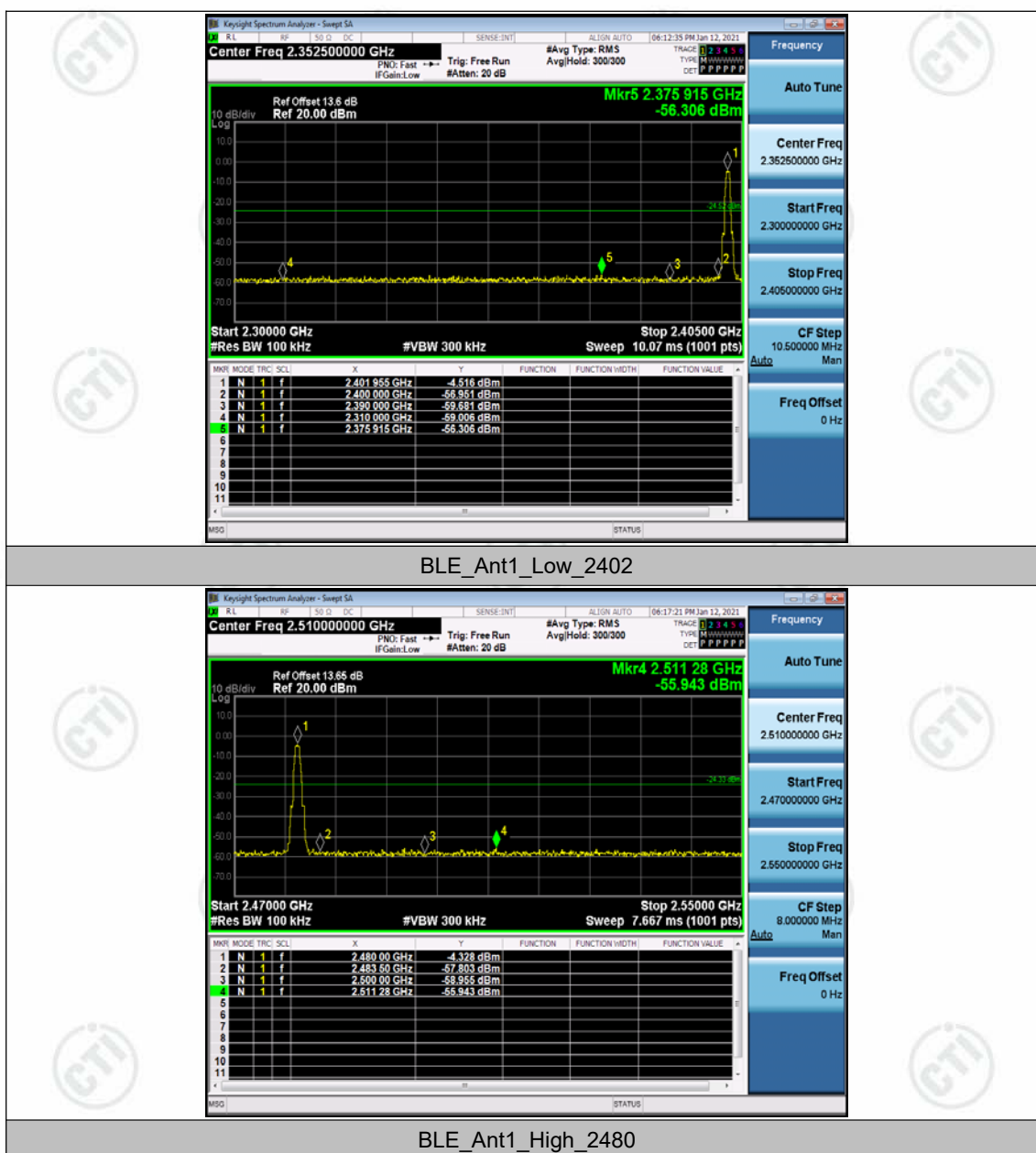


Appendix E:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	-4.52	-56.31	<=-24.52	PASS
		High	2480	-4.33	-55.94	<=-24.33	PASS

Test Graphs

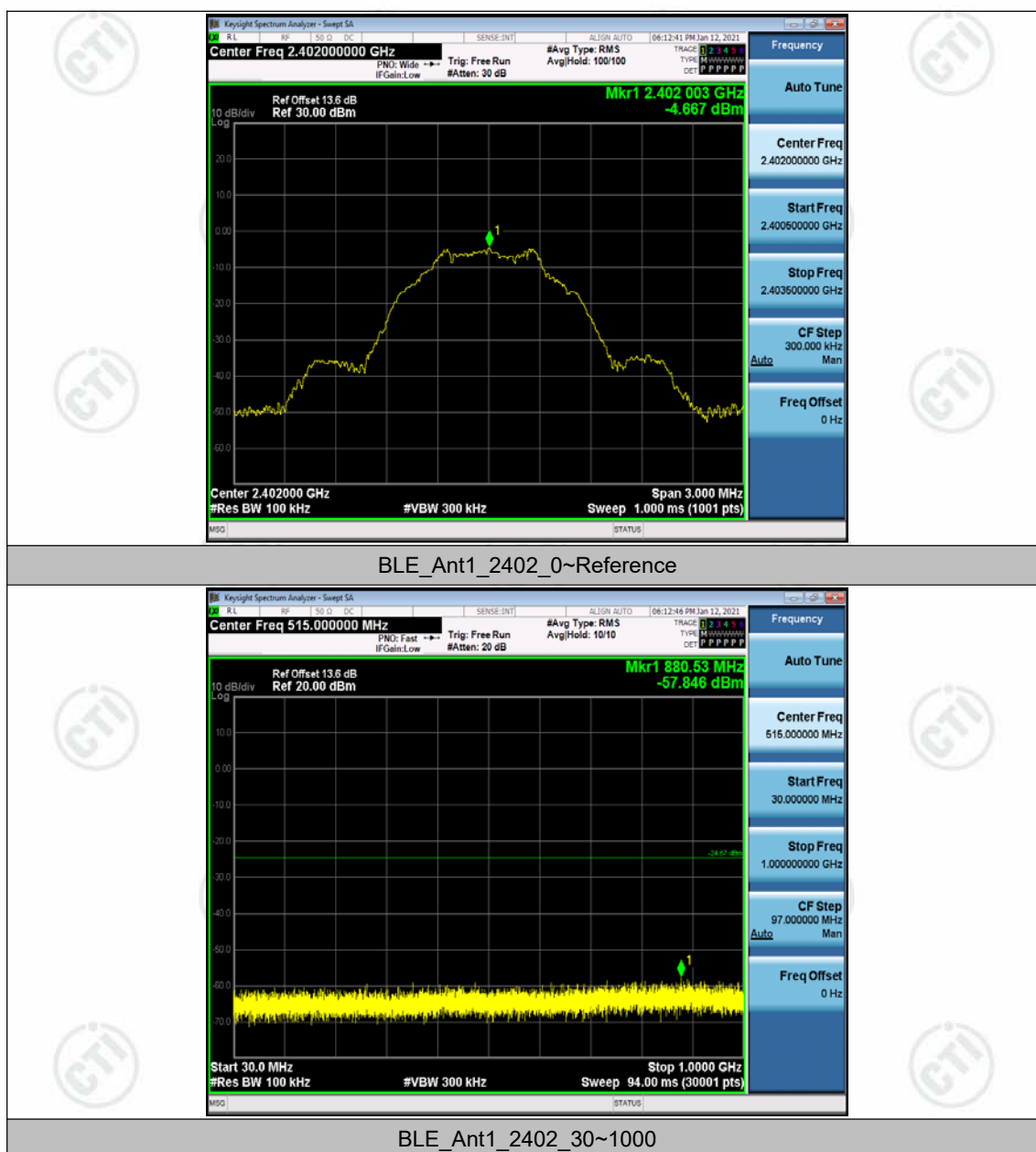


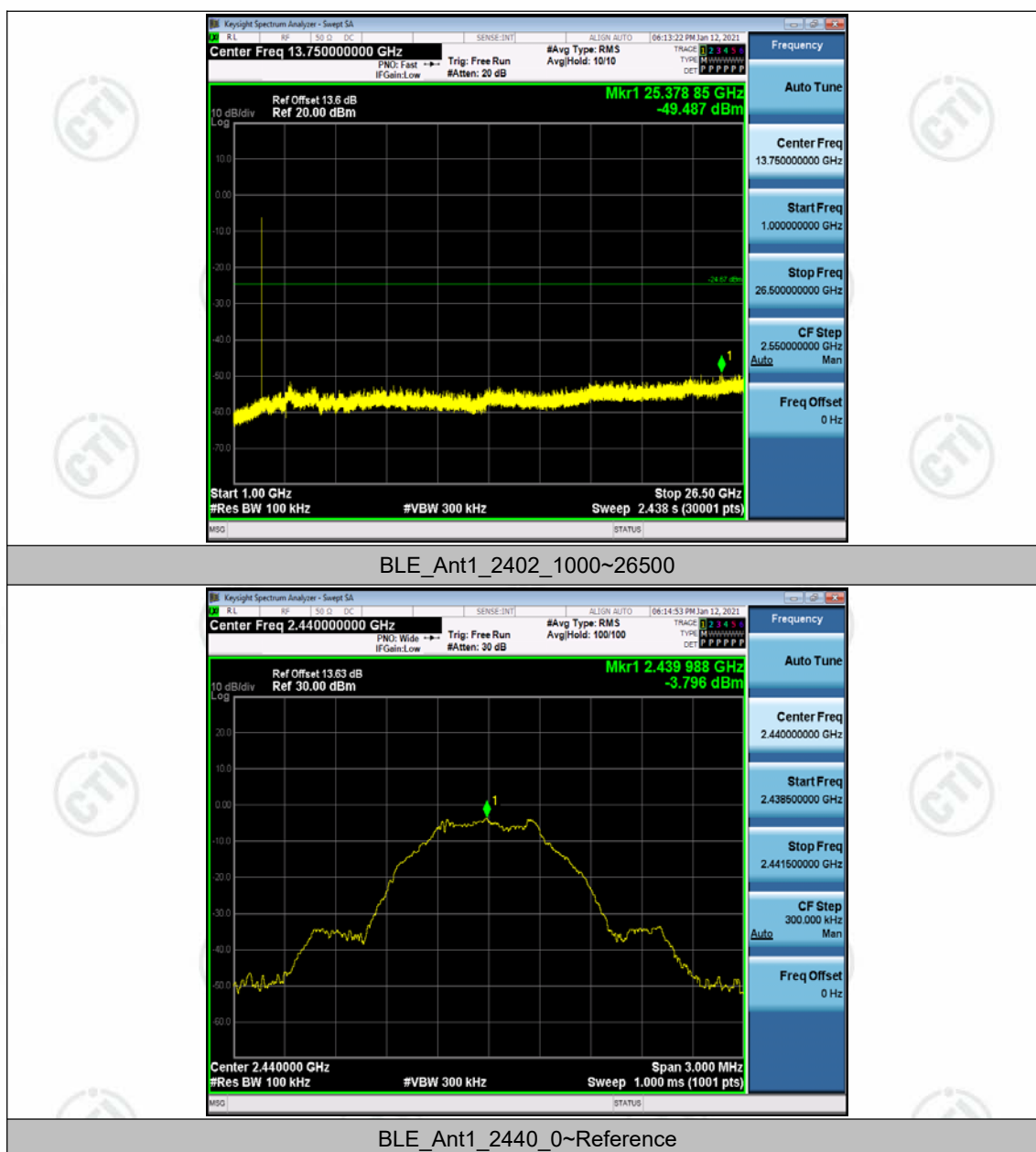
Appendix F:Conducted Spurious Emission

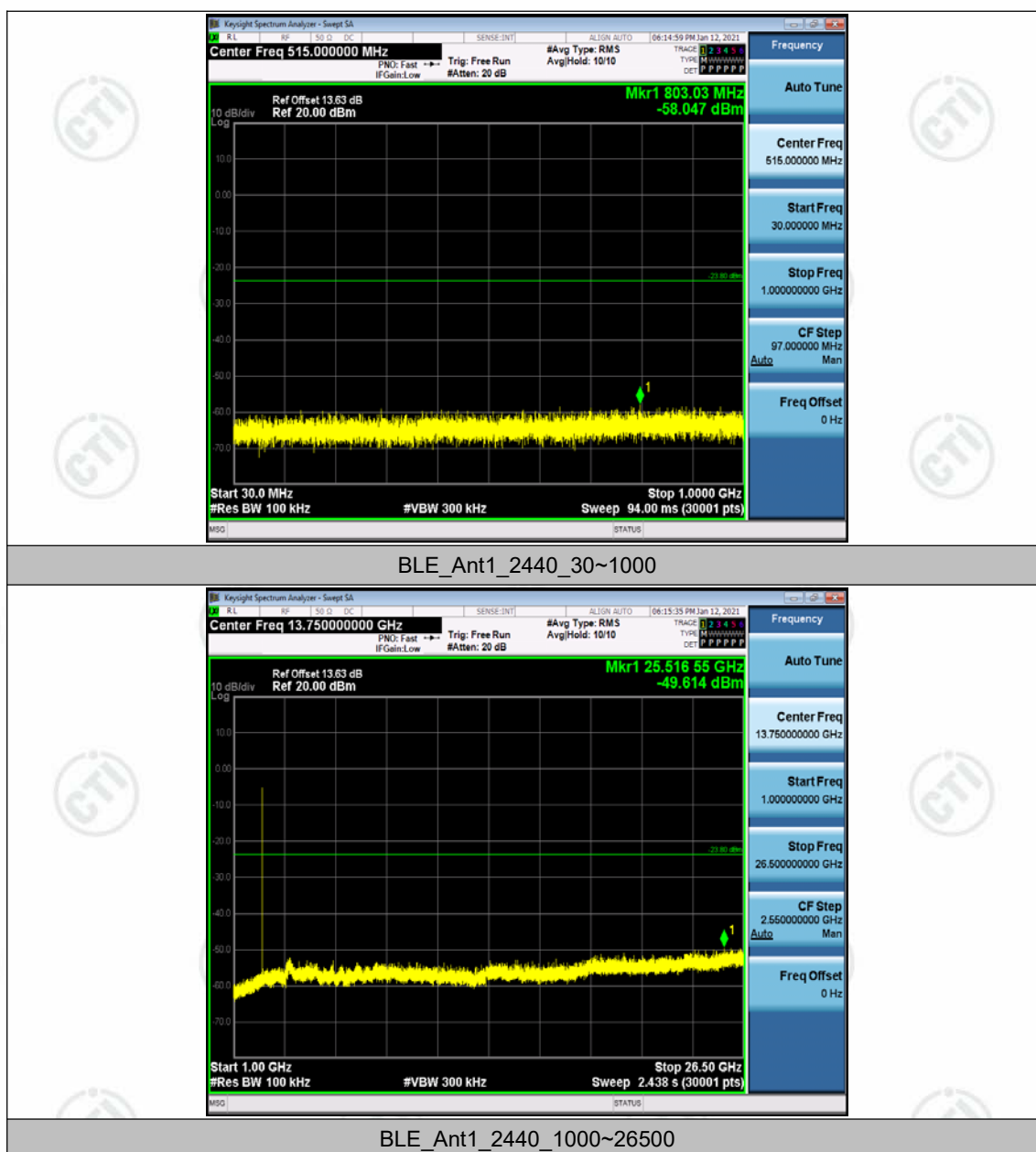
Test Result

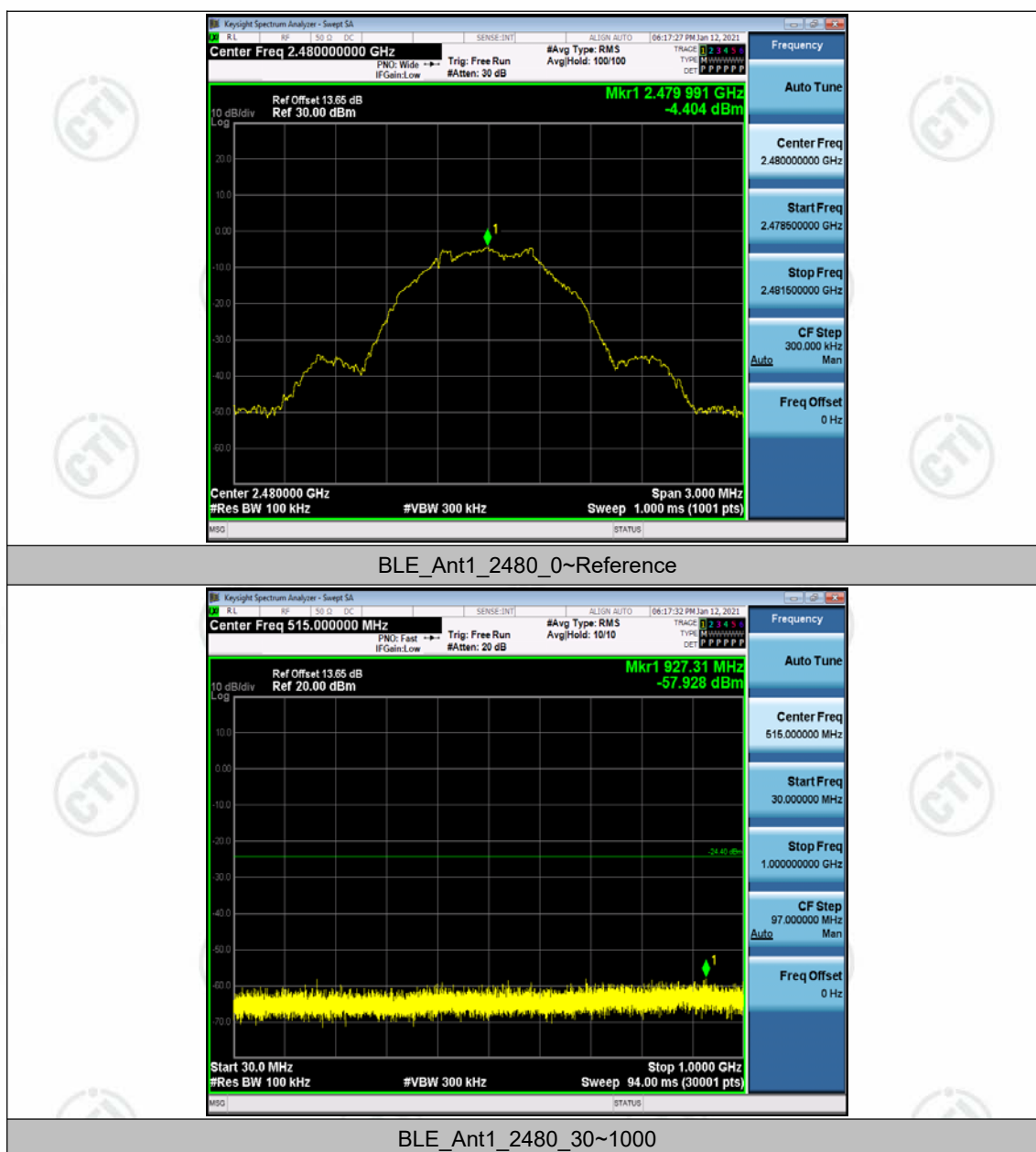
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	-4.67	-4.67	---	PASS
			30~1000	30~1000	-57.846	<=-24.667	PASS
			1000~26500	1000~26500	-49.487	<=-24.667	PASS
		2440	Reference	-3.80	-3.80	---	PASS
			30~1000	30~1000	-58.047	<=-23.796	PASS
			1000~26500	1000~26500	-49.614	<=-23.796	PASS
		2480	Reference	-4.40	-4.40	---	PASS
			30~1000	30~1000	-57.928	<=-24.404	PASS
			1000~26500	1000~26500	-49.438	<=-24.404	PASS

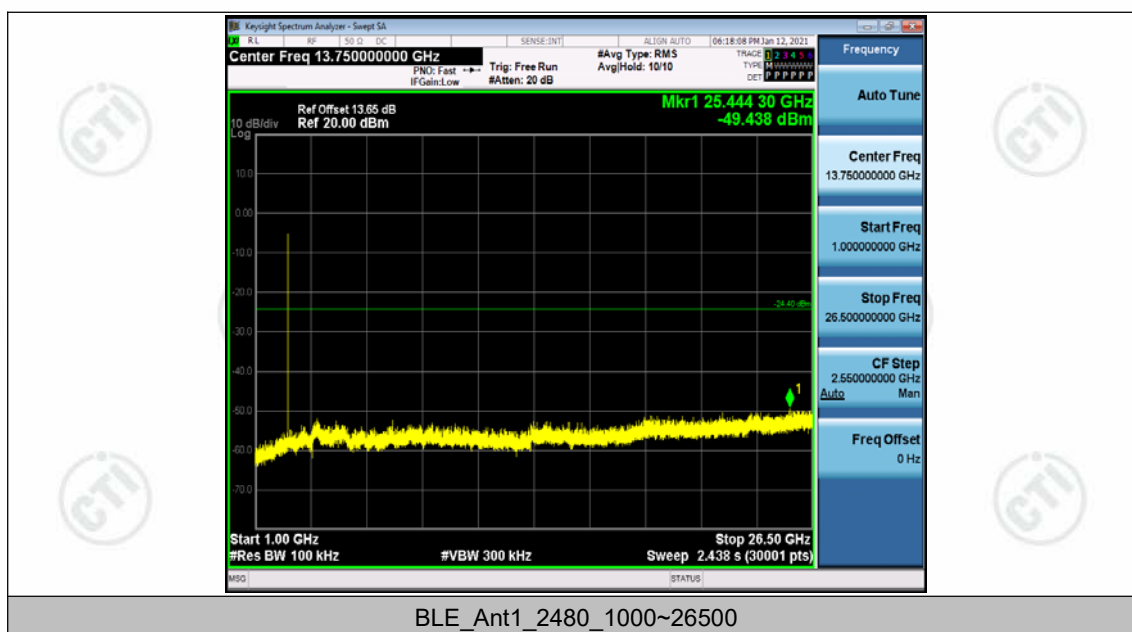
Test Graphs









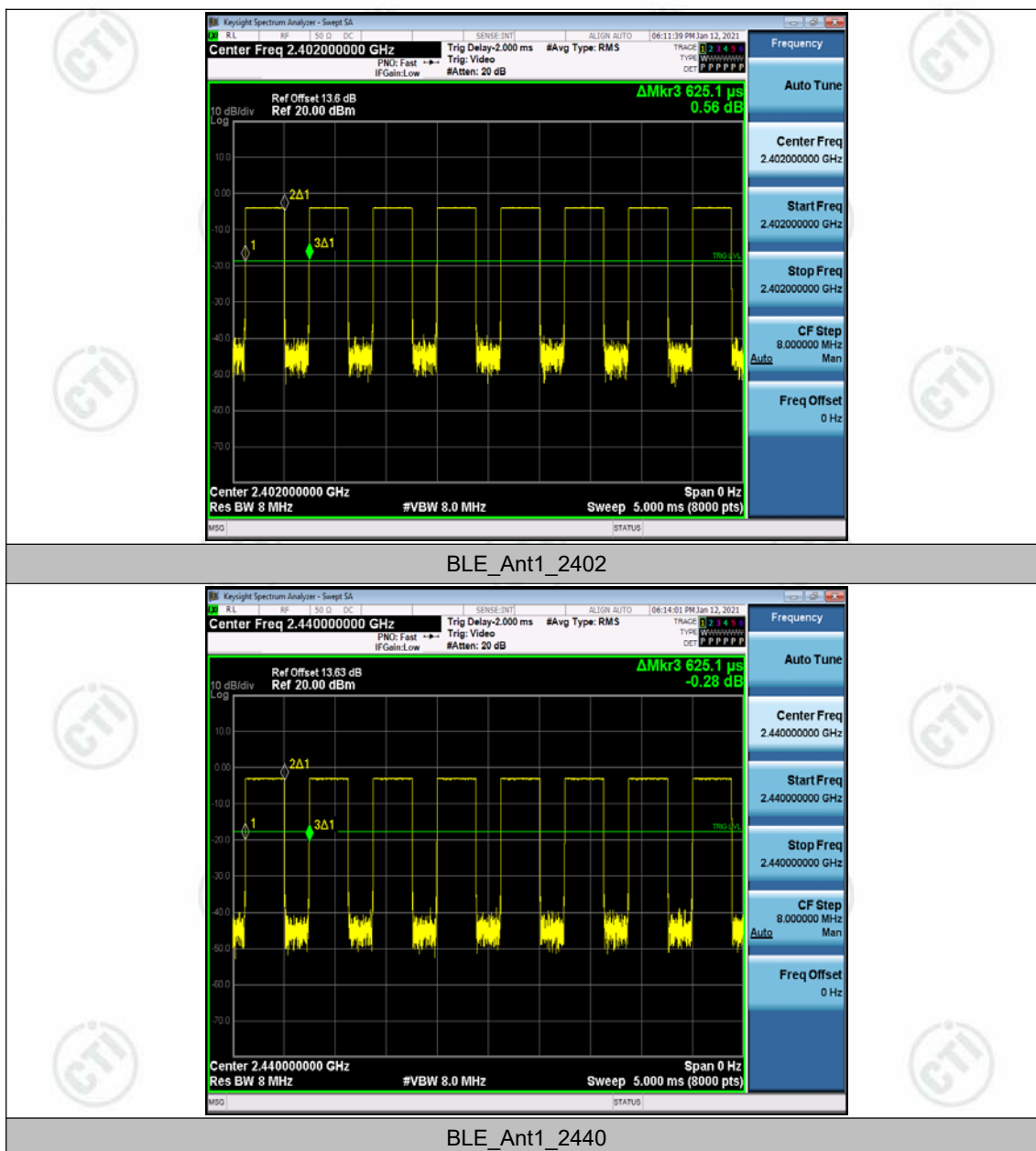


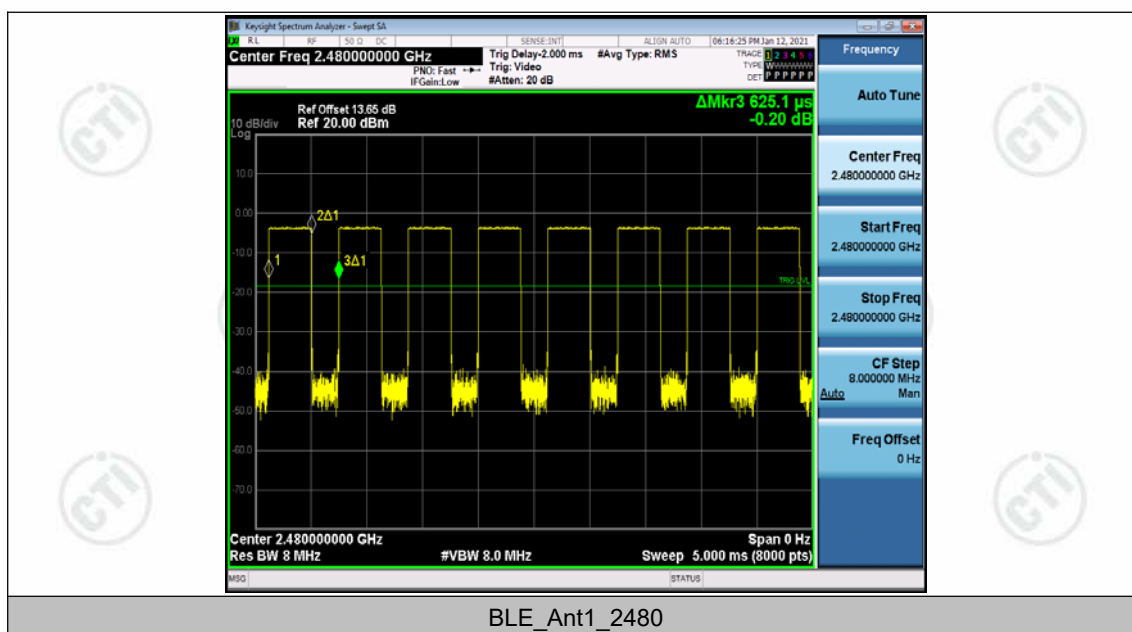
Appendix G: DutyCycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE	Ant1	2402	0.38	0.63	61.20	---	PASS
		2440	0.38	0.63	61.20	---	PASS
		2480	0.38	0.63	61.20	---	PASS

Test Graphs





*** End of Report ***