

Appendix: Bluetooth LE

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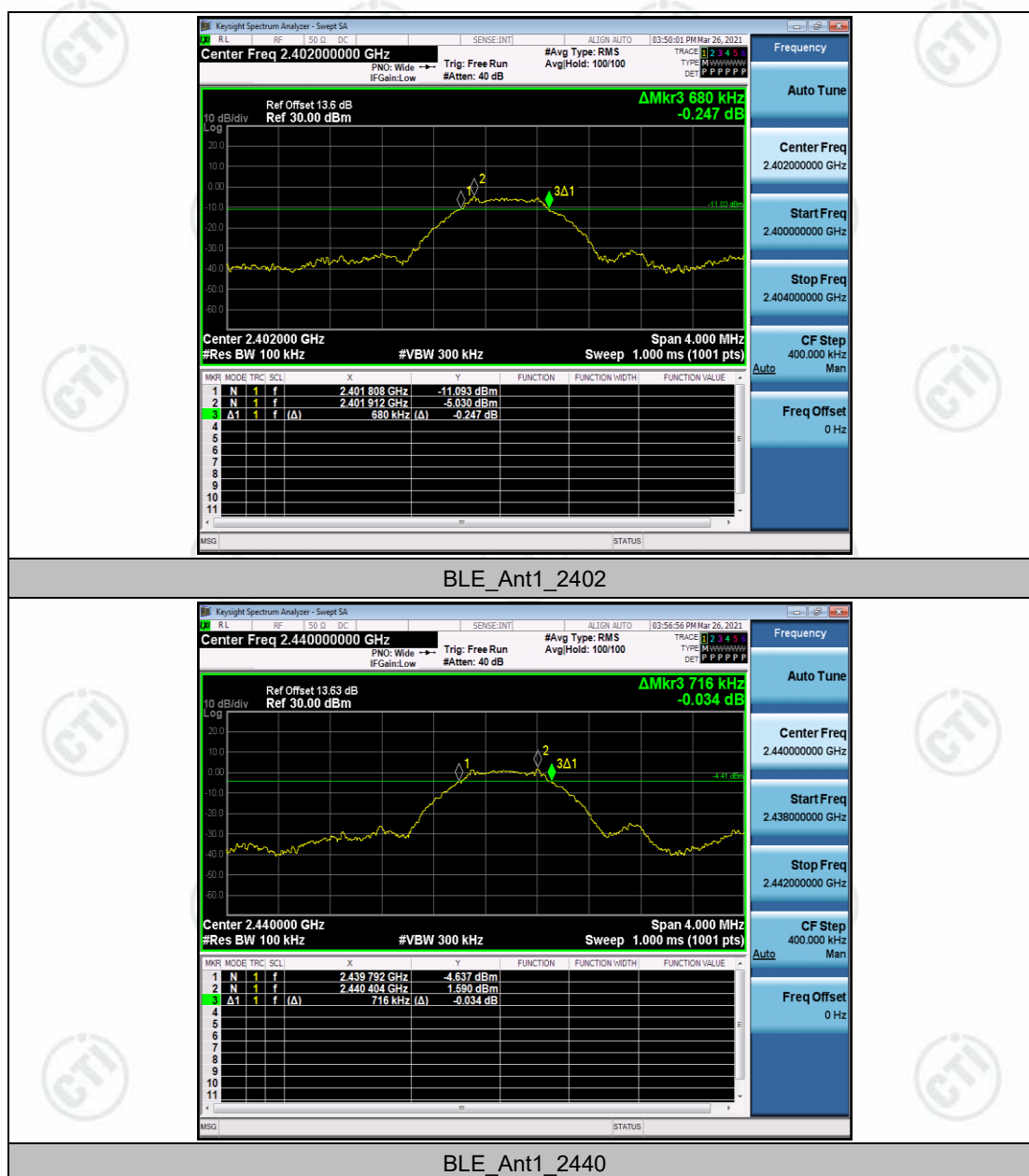
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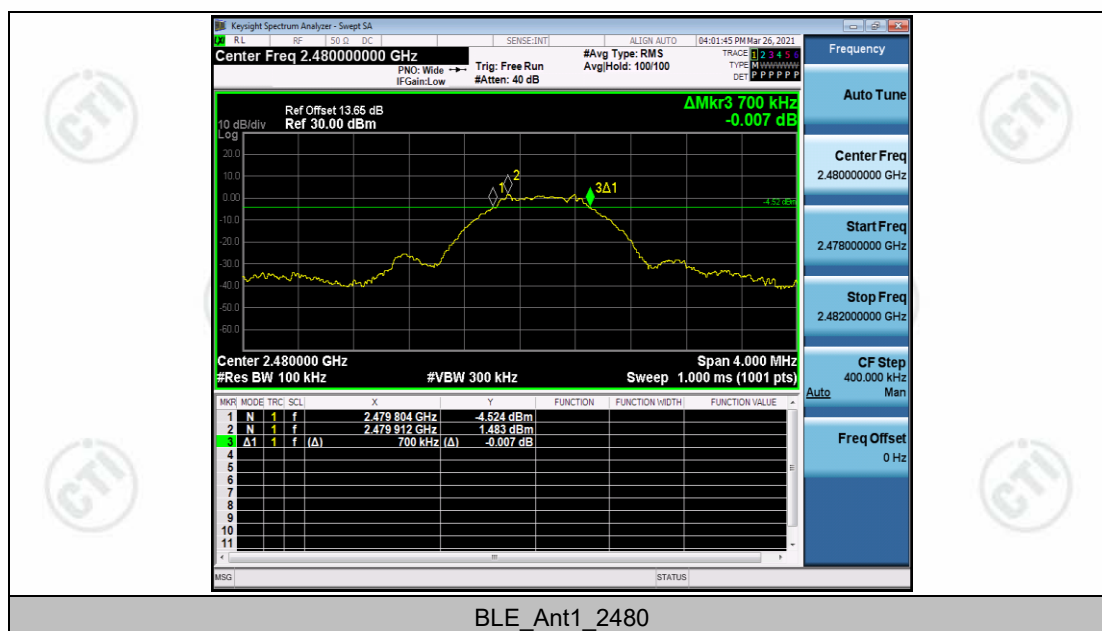
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.680	2401.808	2402.488	0.5	PASS
		2440	0.716	2439.792	2440.508	0.5	PASS
		2480	0.700	2479.804	2480.504	0.5	PASS

Test Graphs



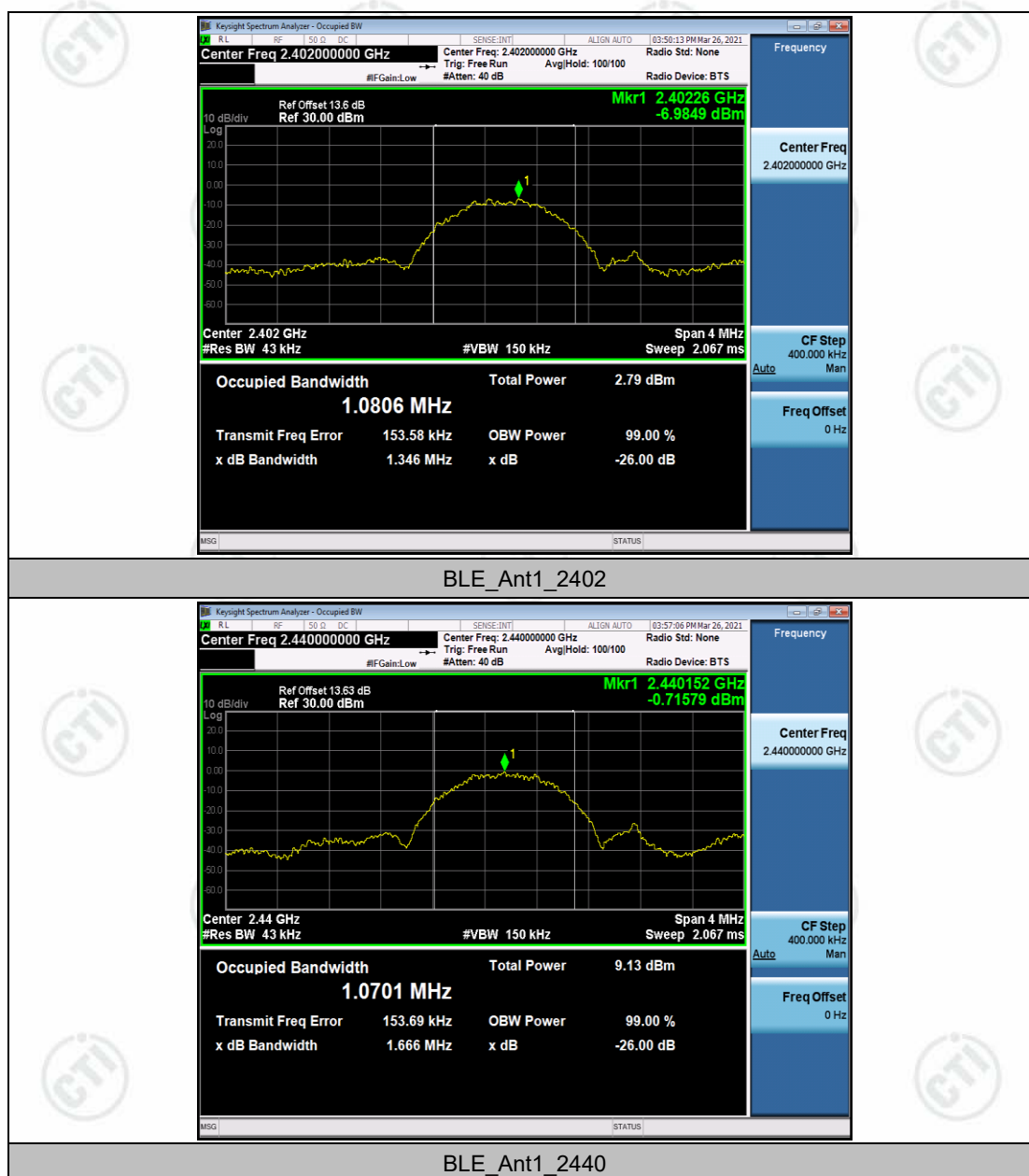


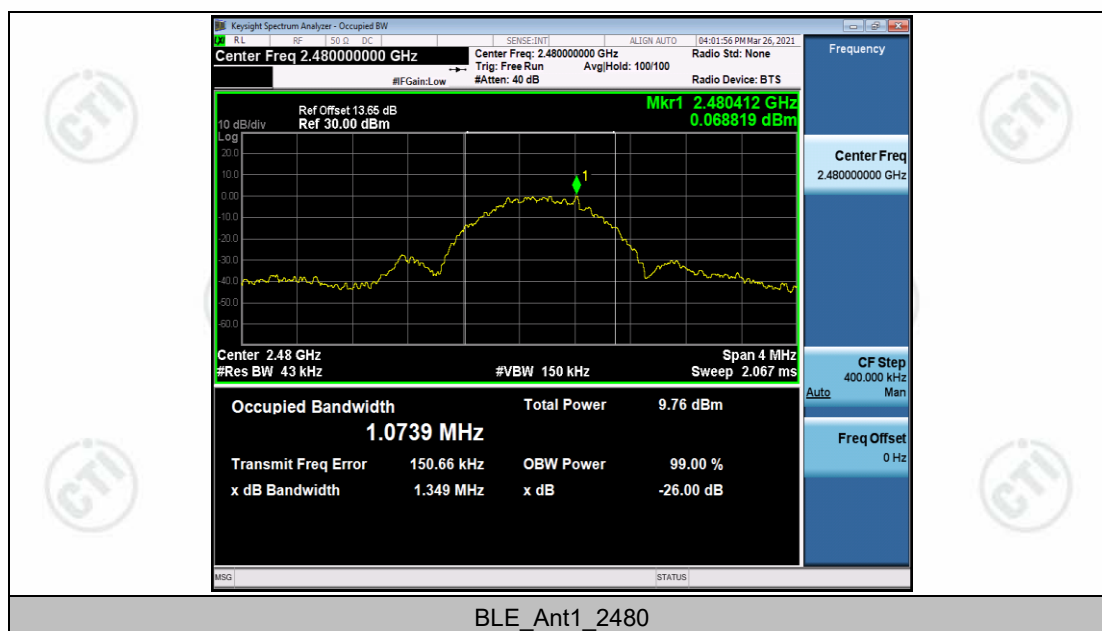
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0806	2401.613	2402.694	---	PASS
		2440	1.0701	2439.619	2440.689	---	PASS
		2480	1.0739	2479.614	2480.688	---	PASS

Test Graphs



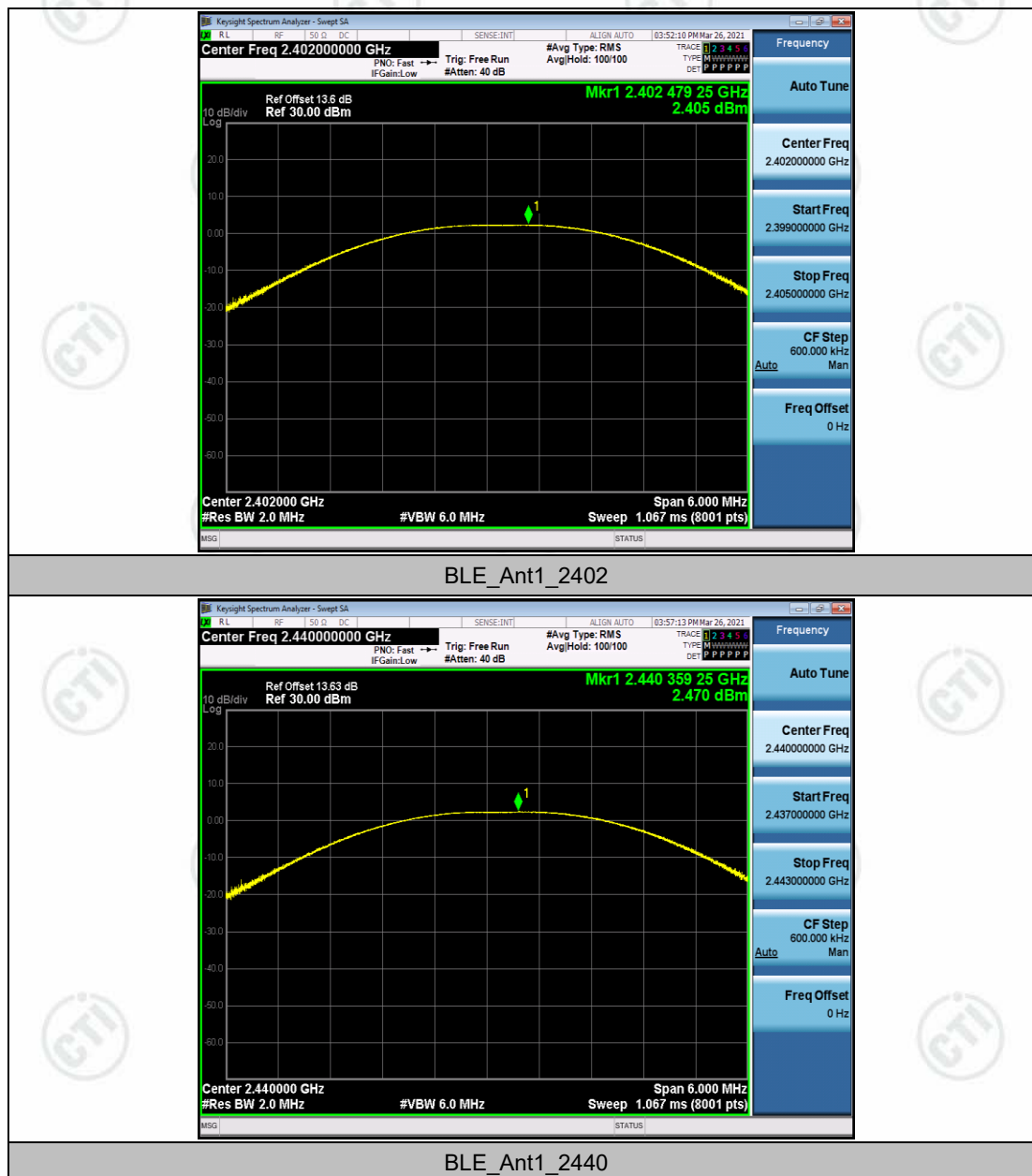


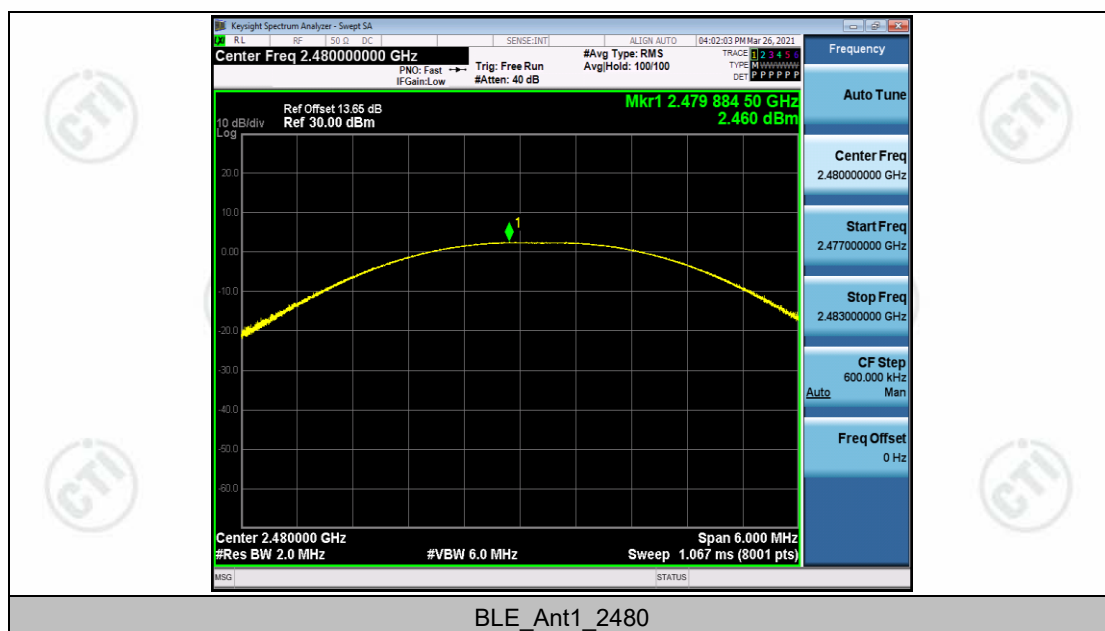
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	2.4	<=30	PASS
		2440	2.47	<=30	PASS
		2480	2.46	<=30	PASS

Test Graphs



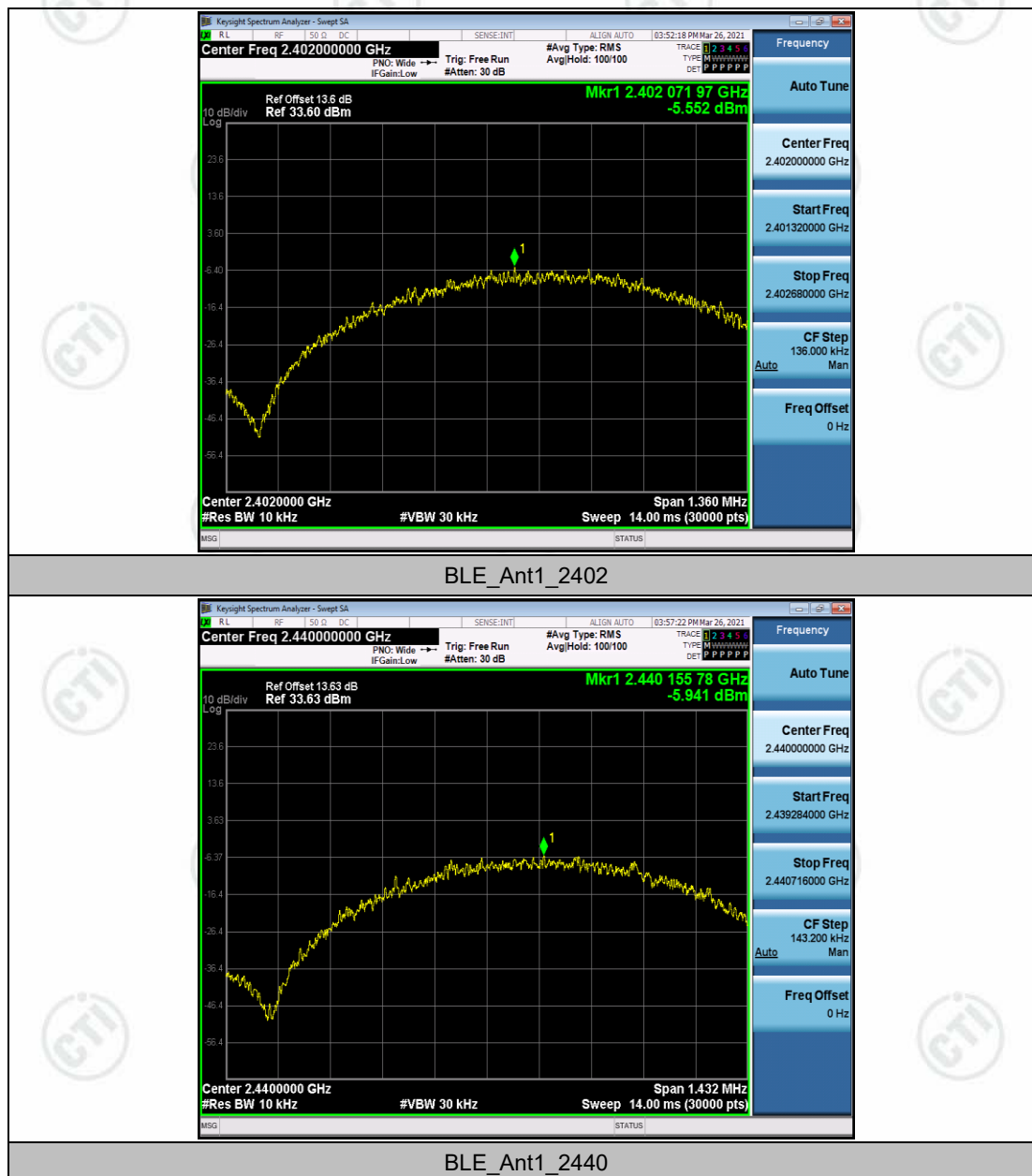


Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-5.55	<=8	PASS
		2440	-5.94	<=8	PASS
		2480	-5.44	<=8	PASS

Test Graphs



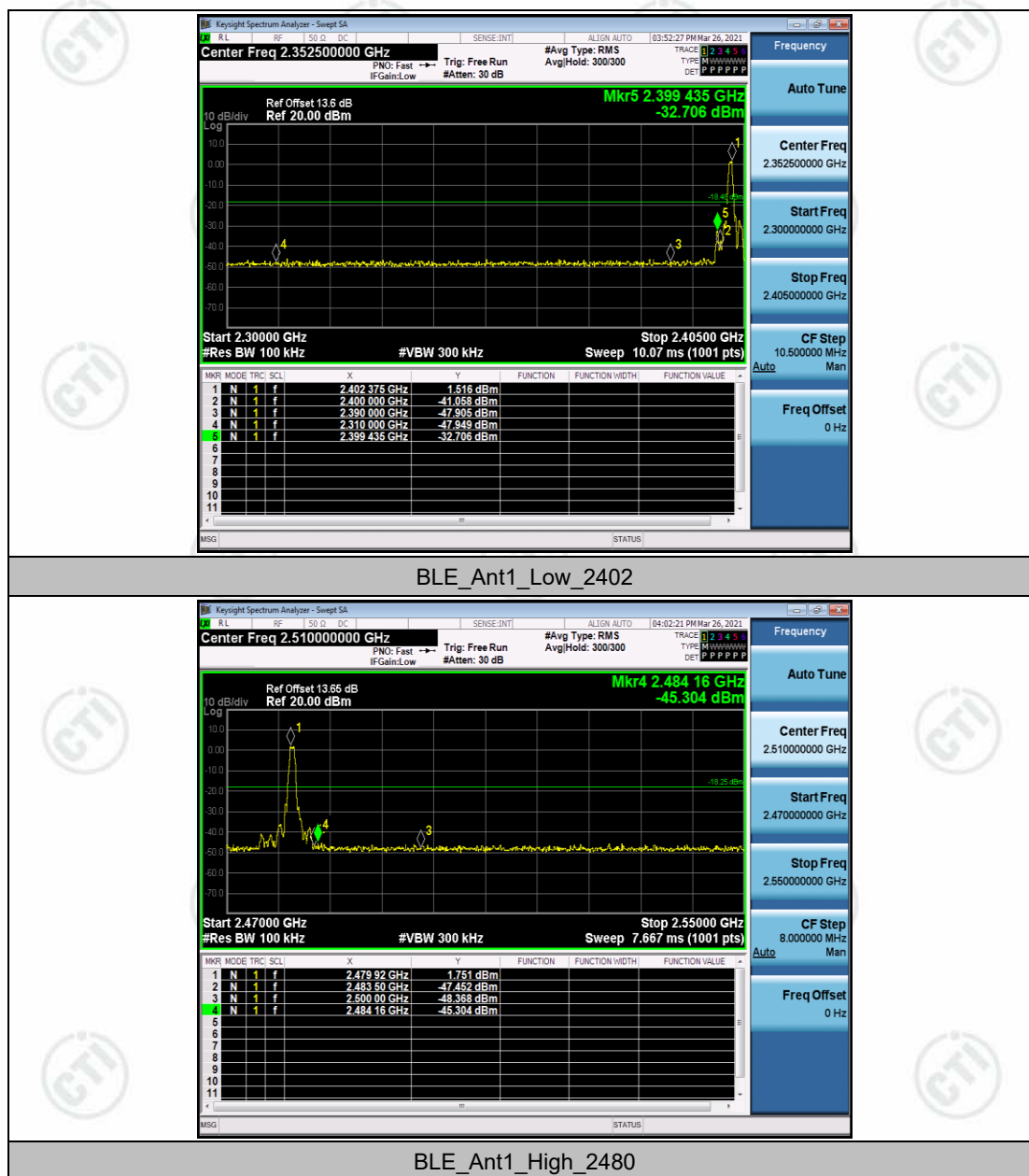


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	1.52	-32.71	<=-18.48	PASS
		High	2480	1.75	-45.3	<=-18.25	PASS

Test Graphs

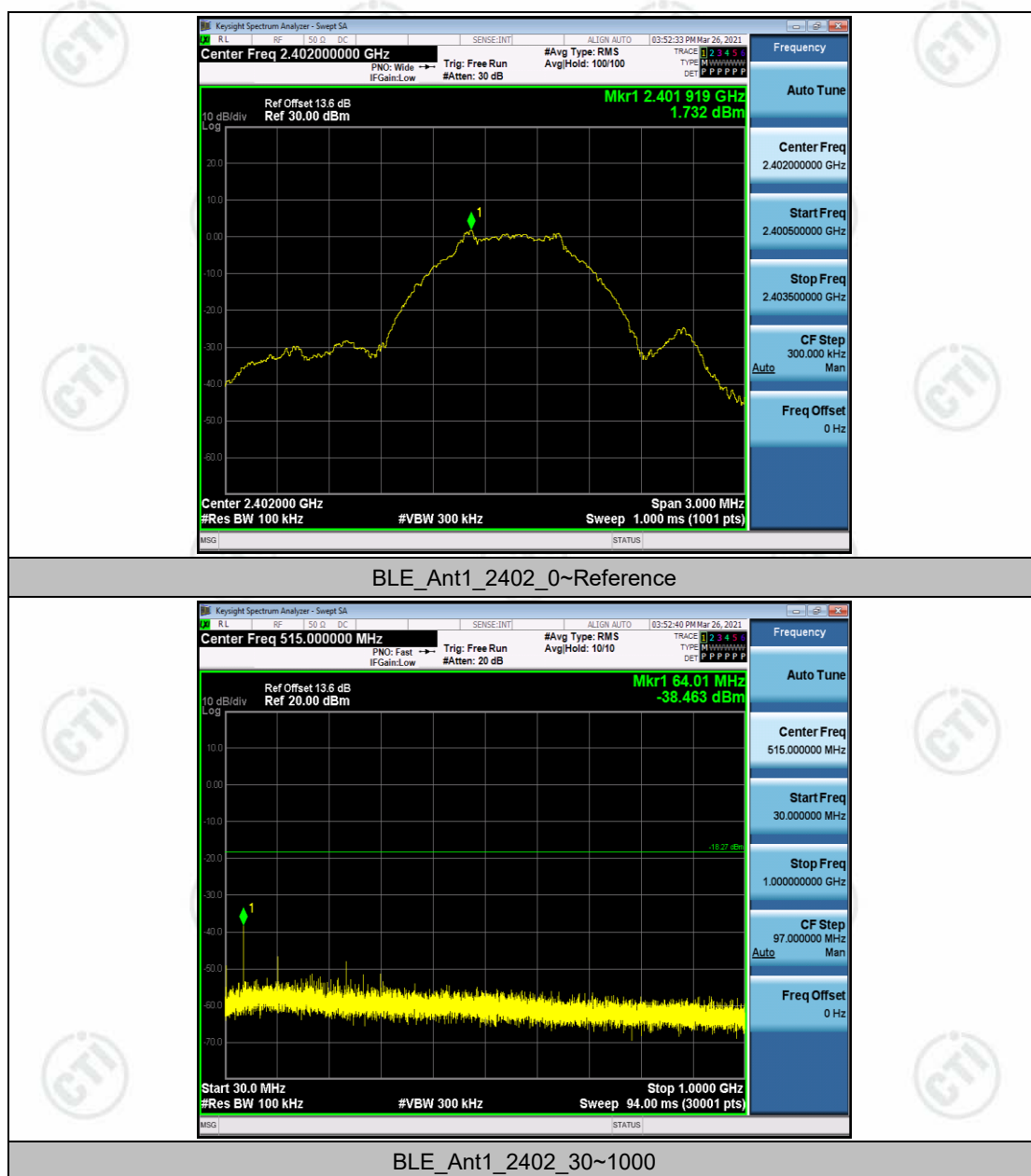


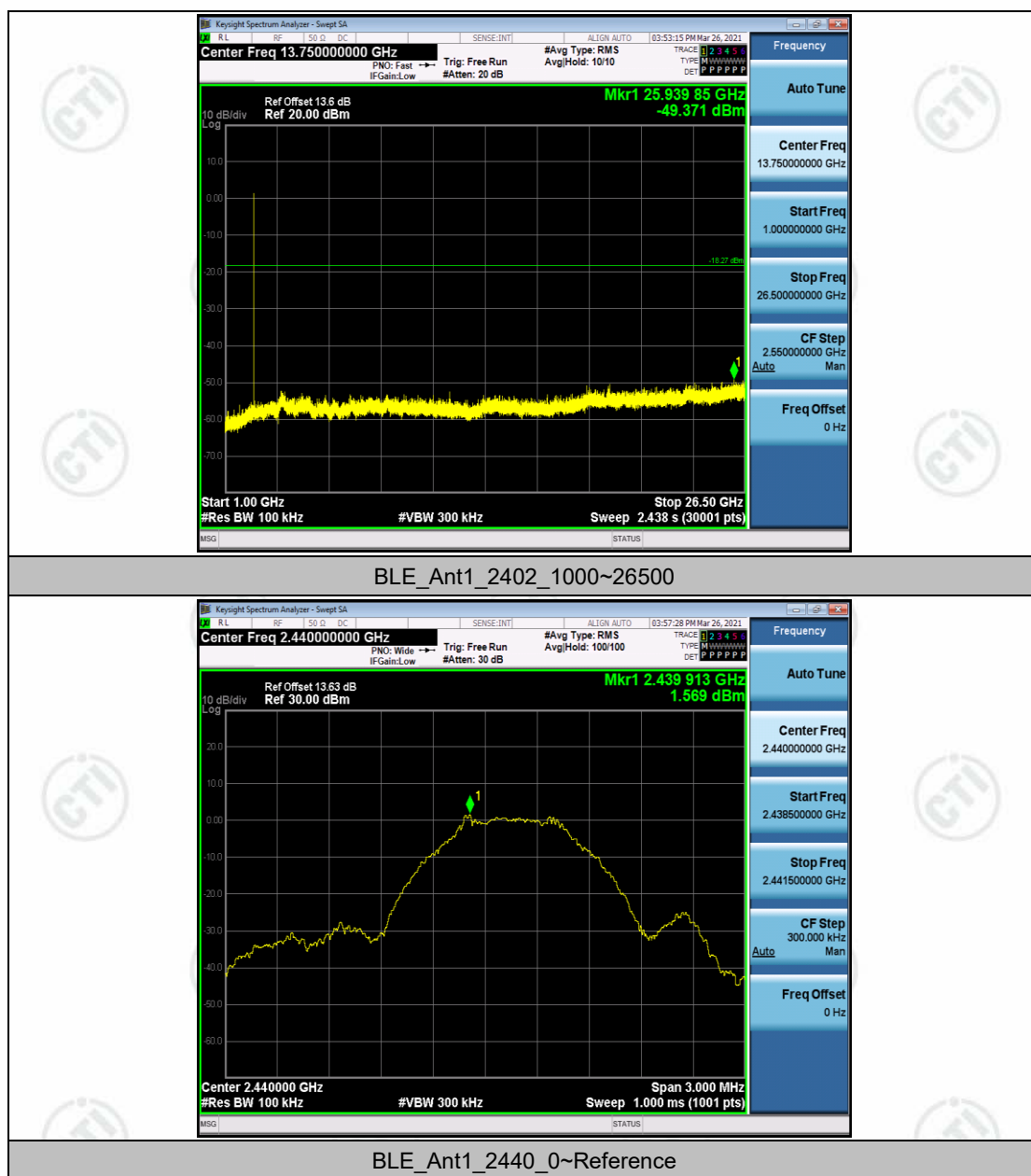
Appendix F: Conducted Spurious Emission

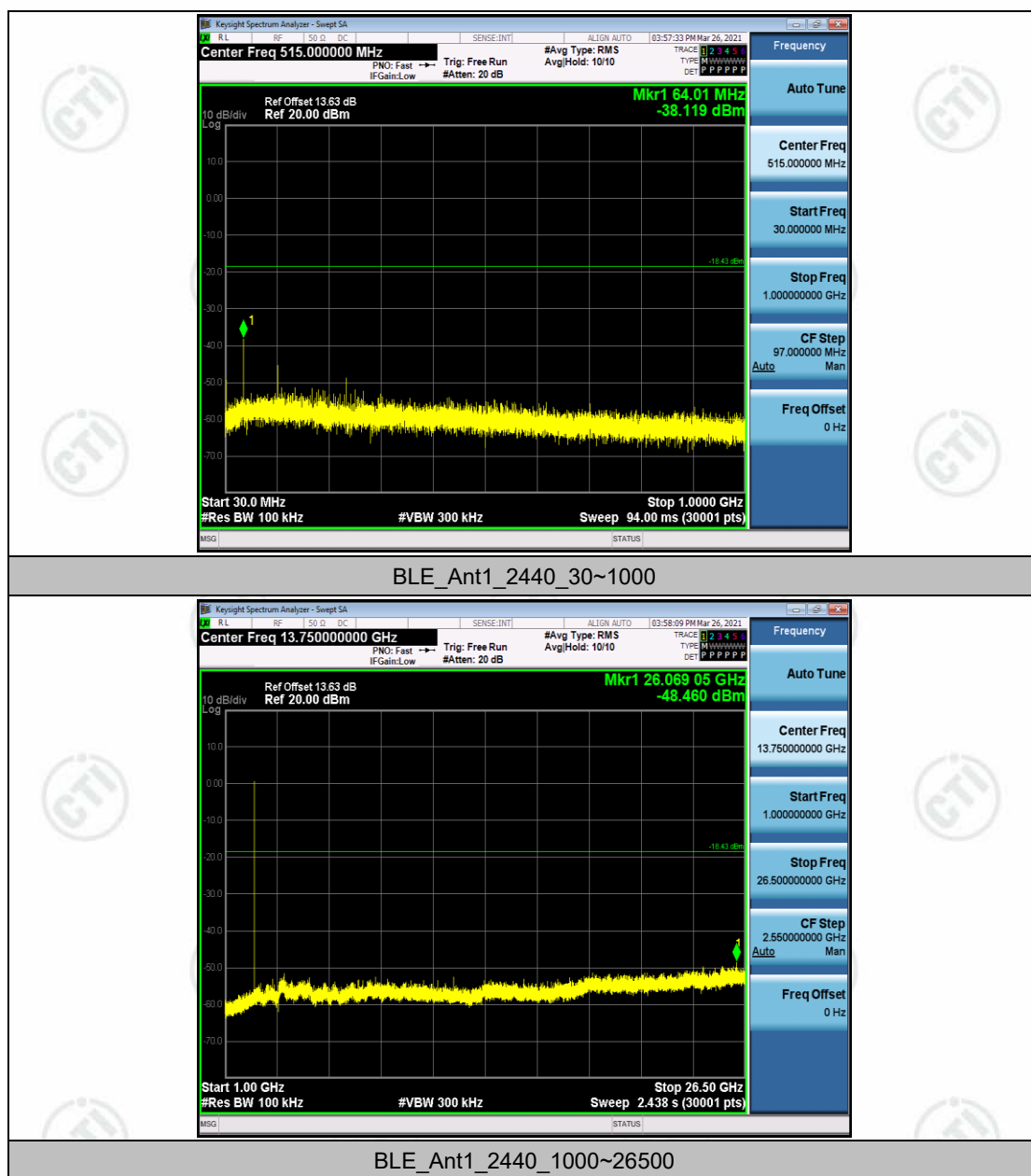
Test Result

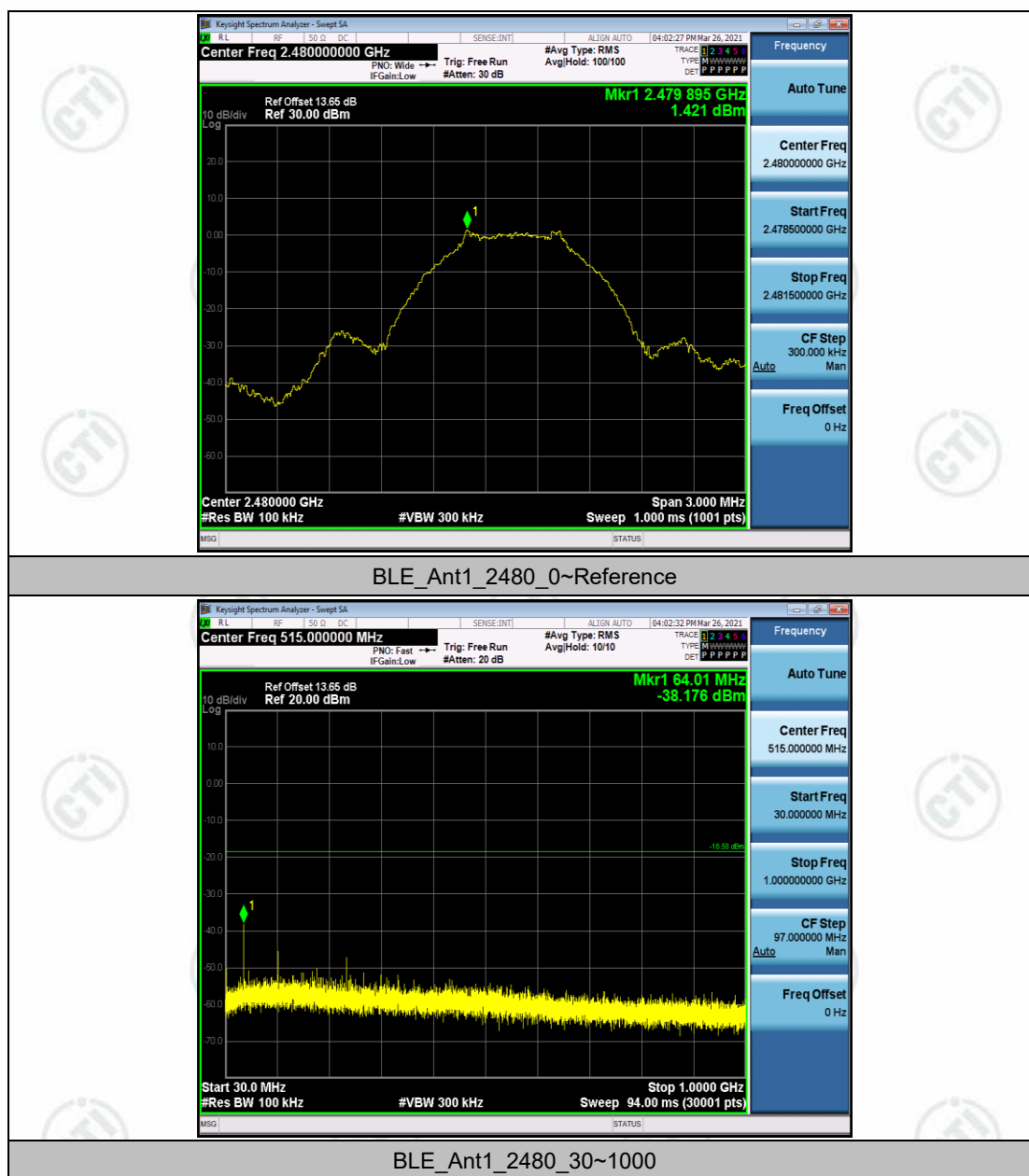
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	1.73	1.73	---	PASS
			30~1000	30~1000	-38.463	<=-18.268	PASS
			1000~26500	1000~26500	-49.371	<=-18.268	PASS
		2440	Reference	1.57	1.57	---	PASS
			30~1000	30~1000	-38.119	<=-18.431	PASS
			1000~26500	1000~26500	-48.46	<=-18.431	PASS
		2480	Reference	1.42	1.42	---	PASS
			30~1000	30~1000	-38.176	<=-18.579	PASS
			1000~26500	1000~26500	-49.77	<=-18.579	PASS

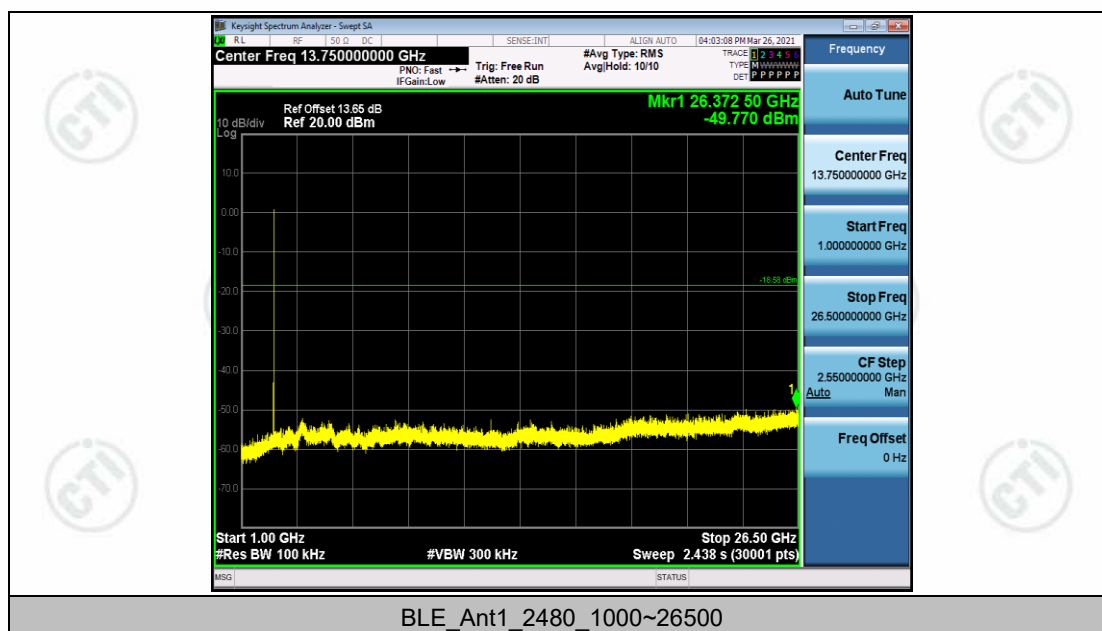
Test Graphs









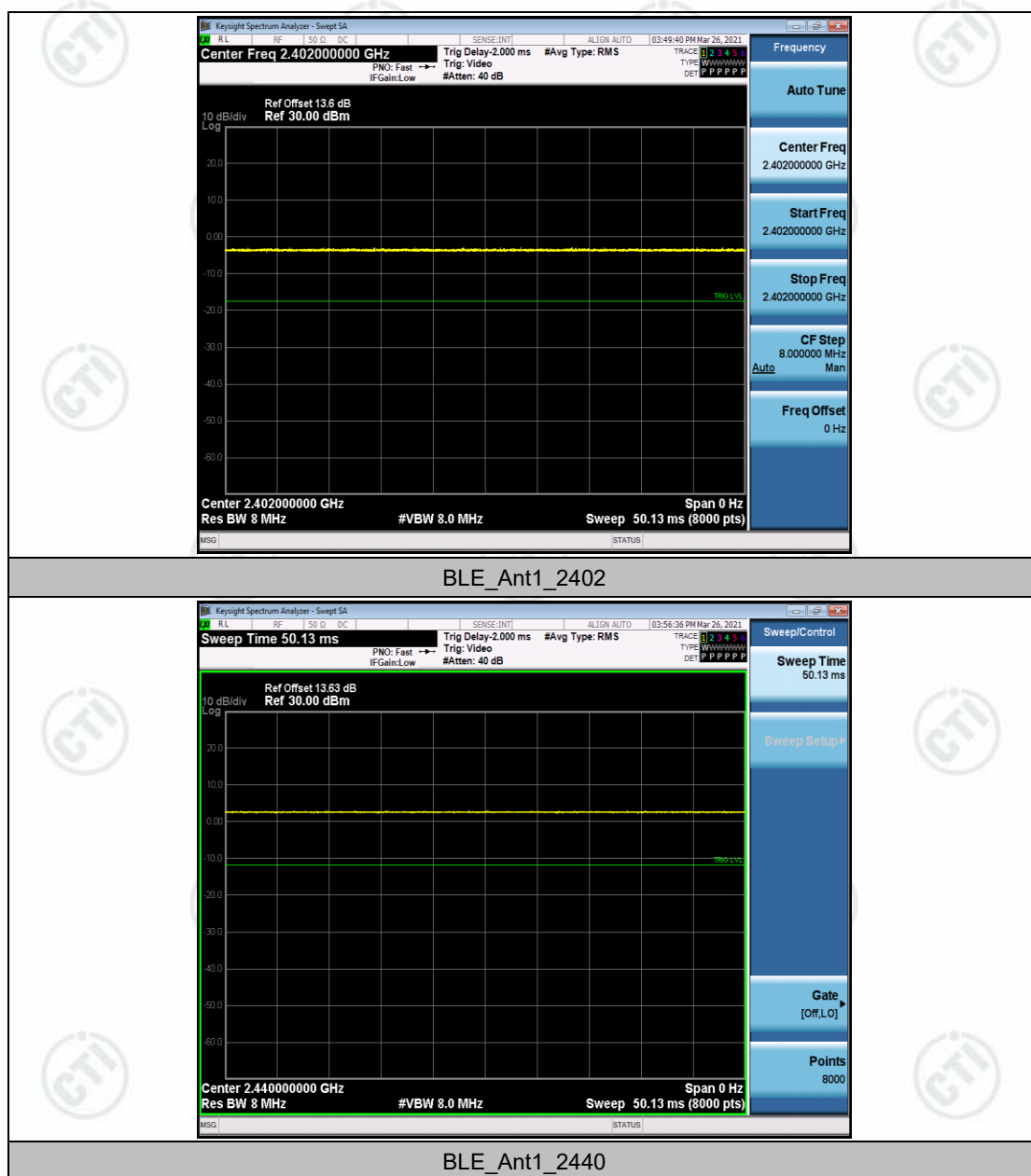


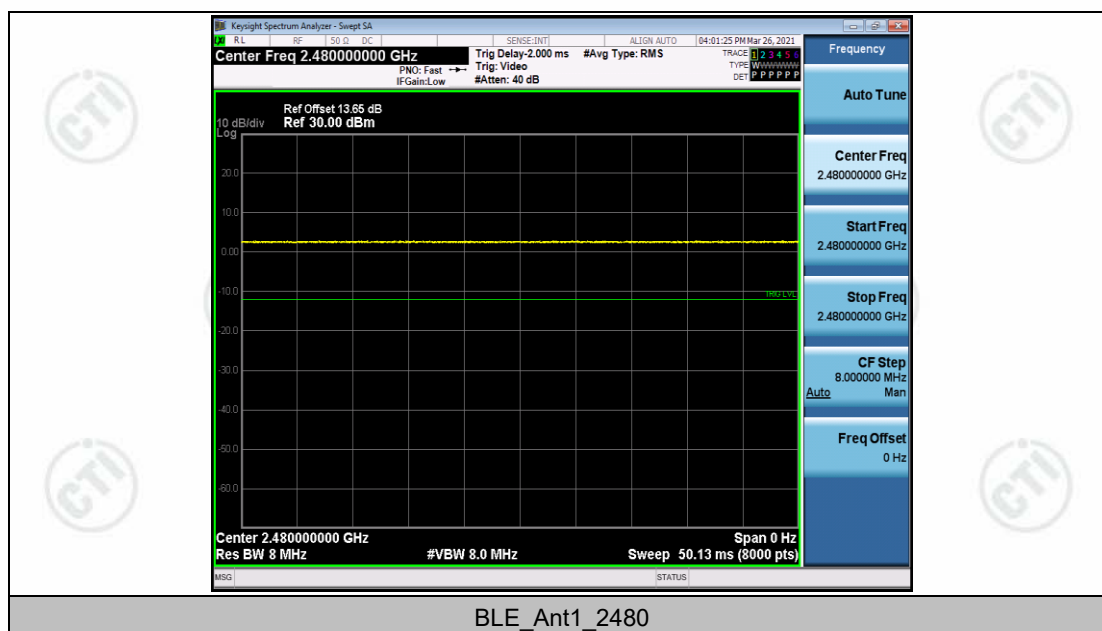
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE	Ant1	2402	50.00	50.00	100.00	---	PASS
		2440	50.00	50.00	100.00	---	PASS
		2480	50.00	50.00	100.00	---	PASS

Test Graphs





*** End of Report ***