

Appendix: Bluetooth LE

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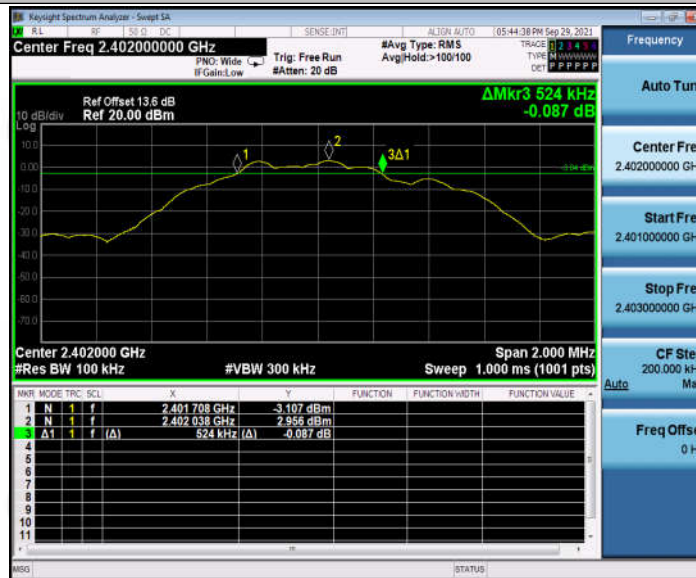
Appendix A: DTS Bandwidth

Test Result

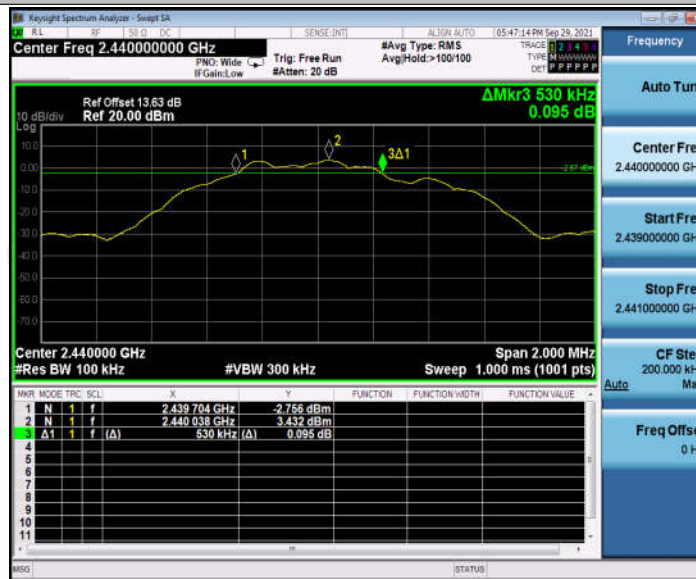
Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.524	2401.708	2402.232	0.5	PASS
		2440	0.530	2439.704	2440.234	0.5	PASS
		2480	0.524	2479.710	2480.234	0.5	PASS

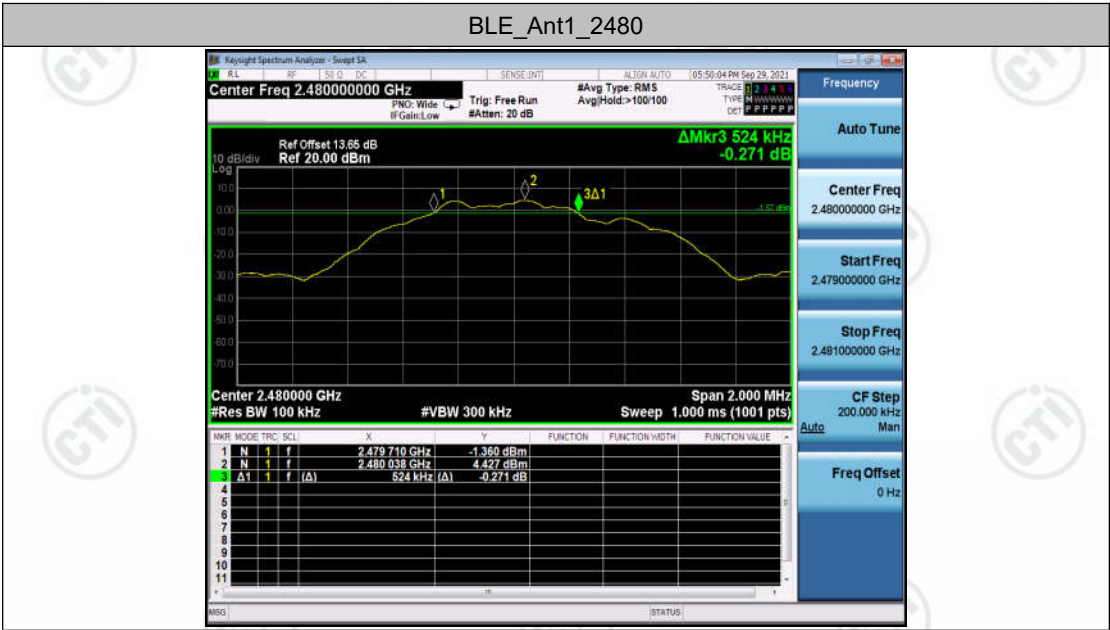
Test Graphs

BLE_Ant1_2402



BLE_Ant1_2440



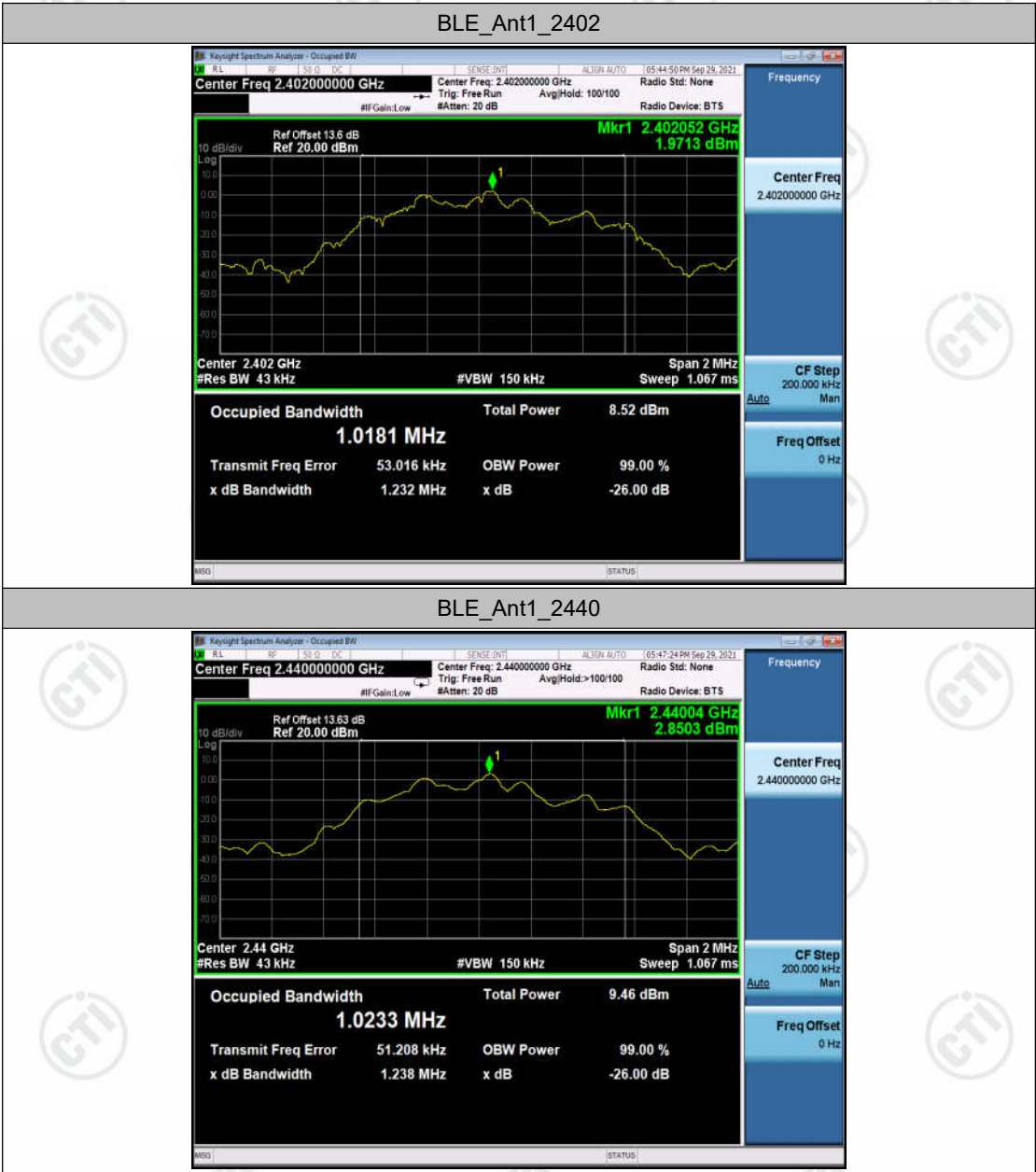


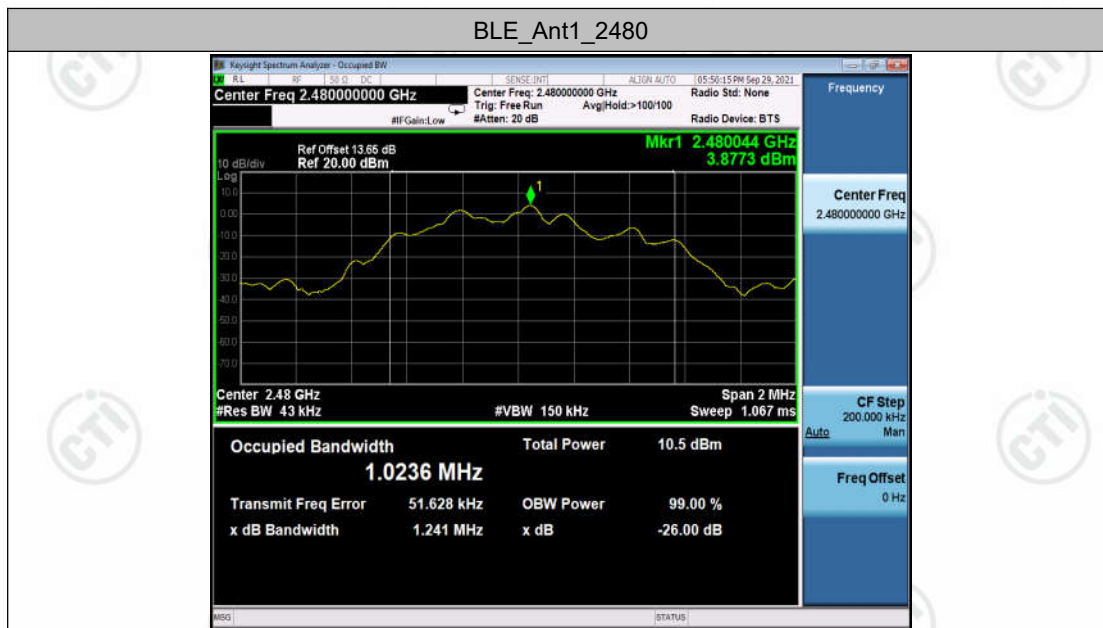
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0181	2401.544	2402.562	---	PASS
		2440	1.0230	2439.540	2440.563	---	PASS
		2480	1.0236	2479.540	2480.563	---	PASS

Test Graphs



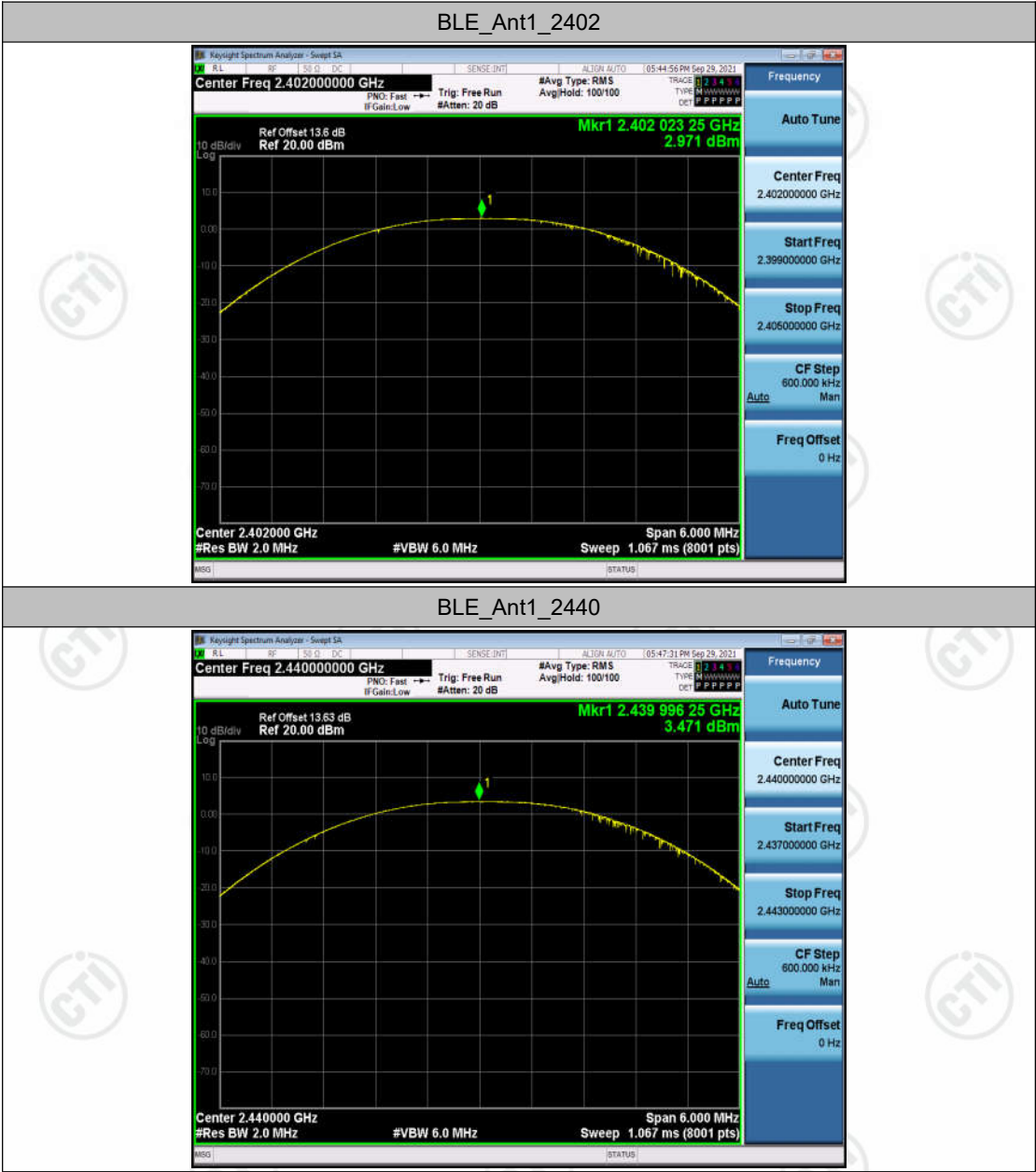


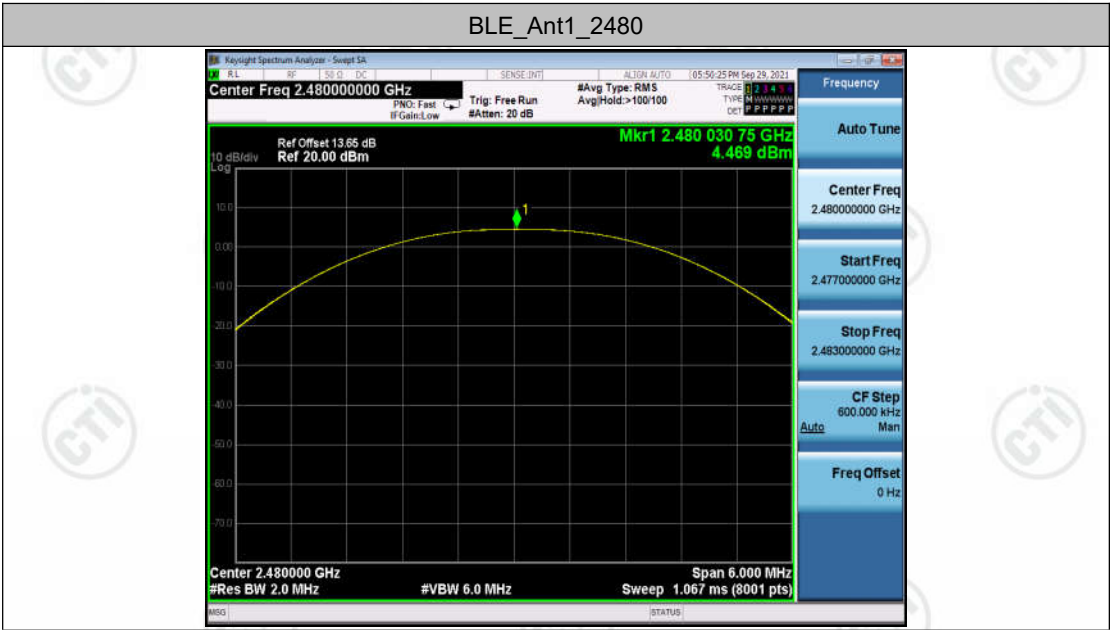
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	2.97	<=30	PASS
		2440	3.47	<=30	PASS
		2480	4.47	<=30	PASS

Test Graphs



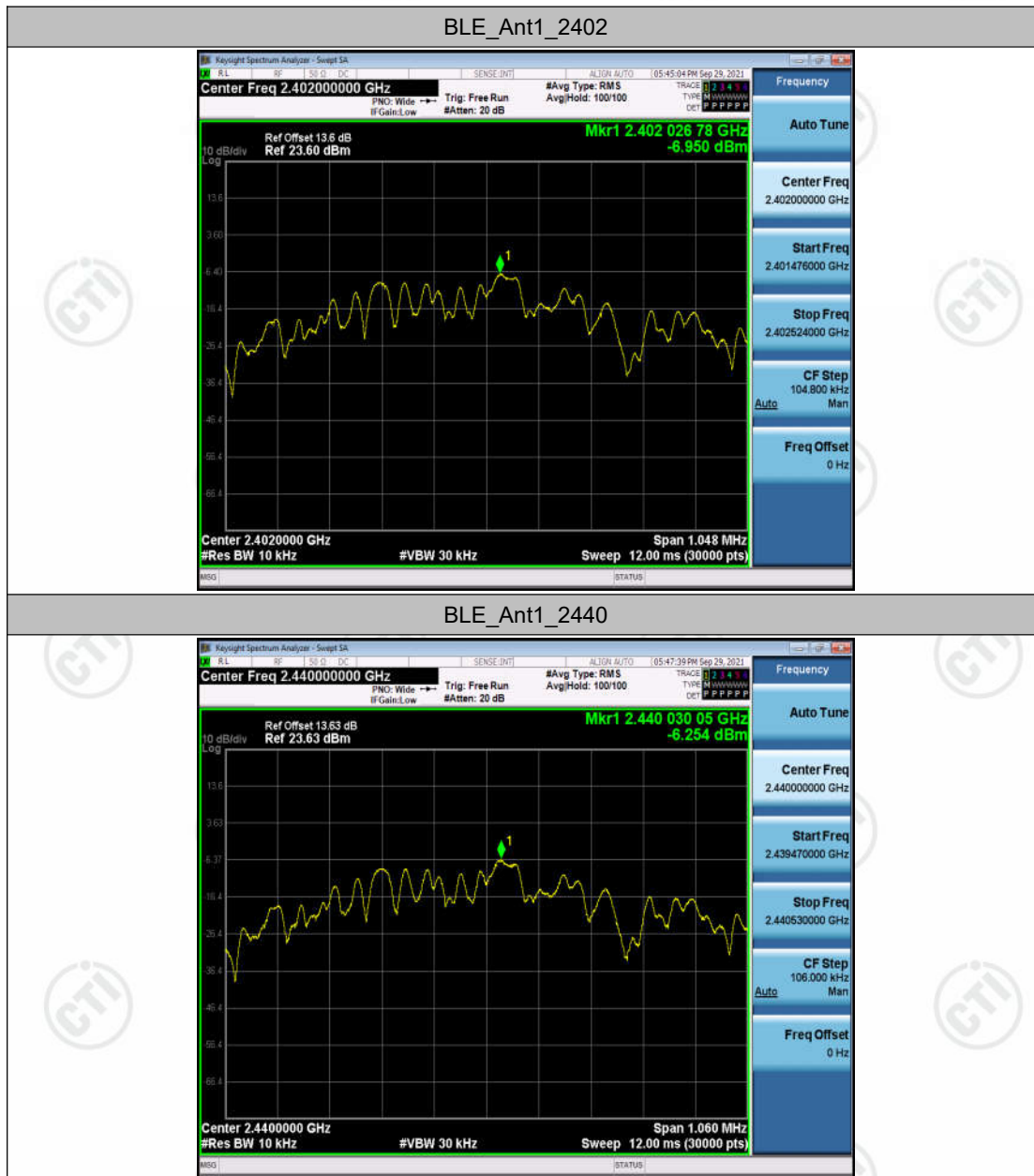


Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-6.95	<=8	PASS
		2440	-6.25	<=8	PASS
		2480	-5.21	<=8	PASS

Test Graphs



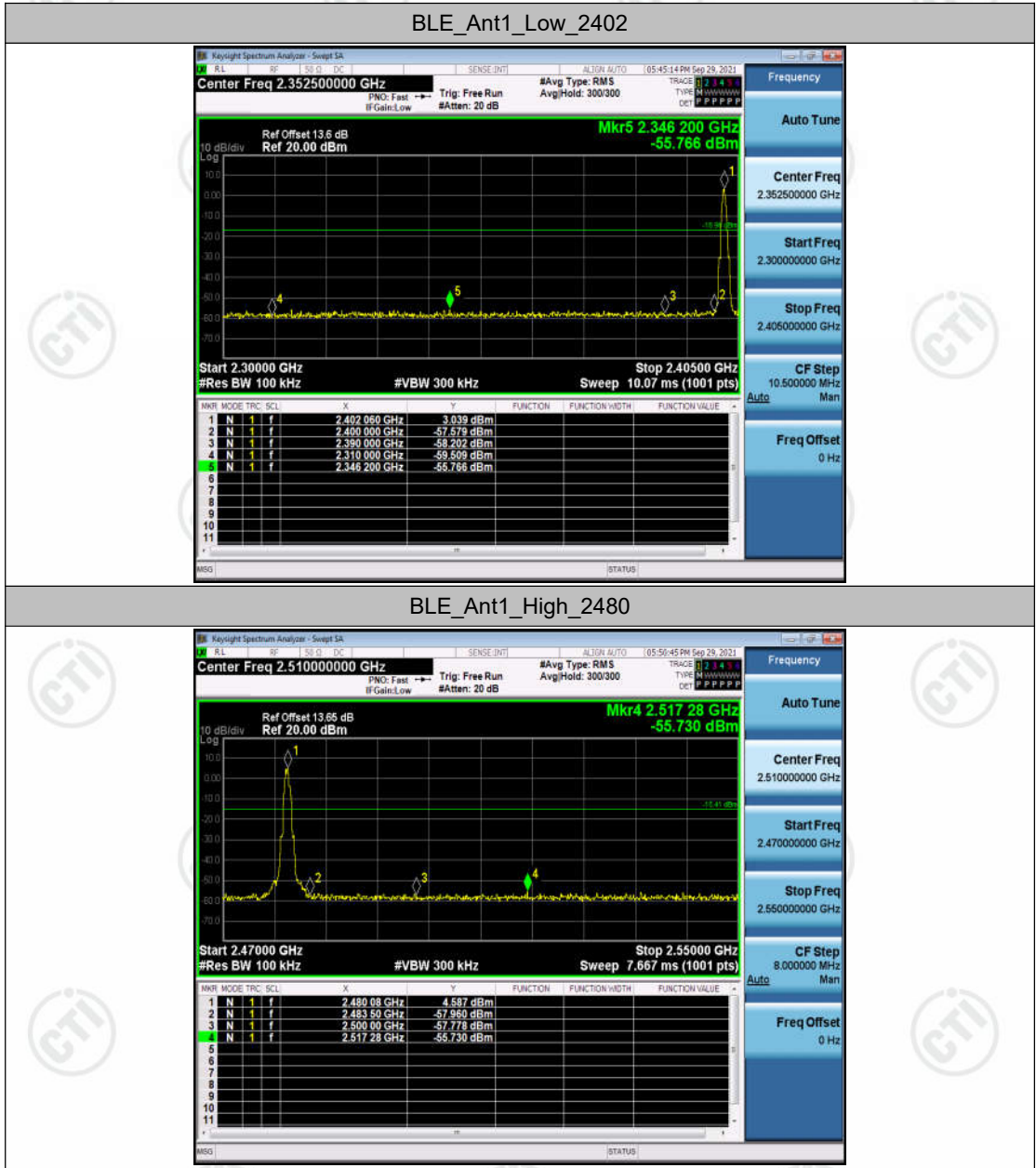


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	3.04	-55.77	<=-16.96	PASS
		High	2480	4.59	-55.73	<=-15.41	PASS

Test Graphs

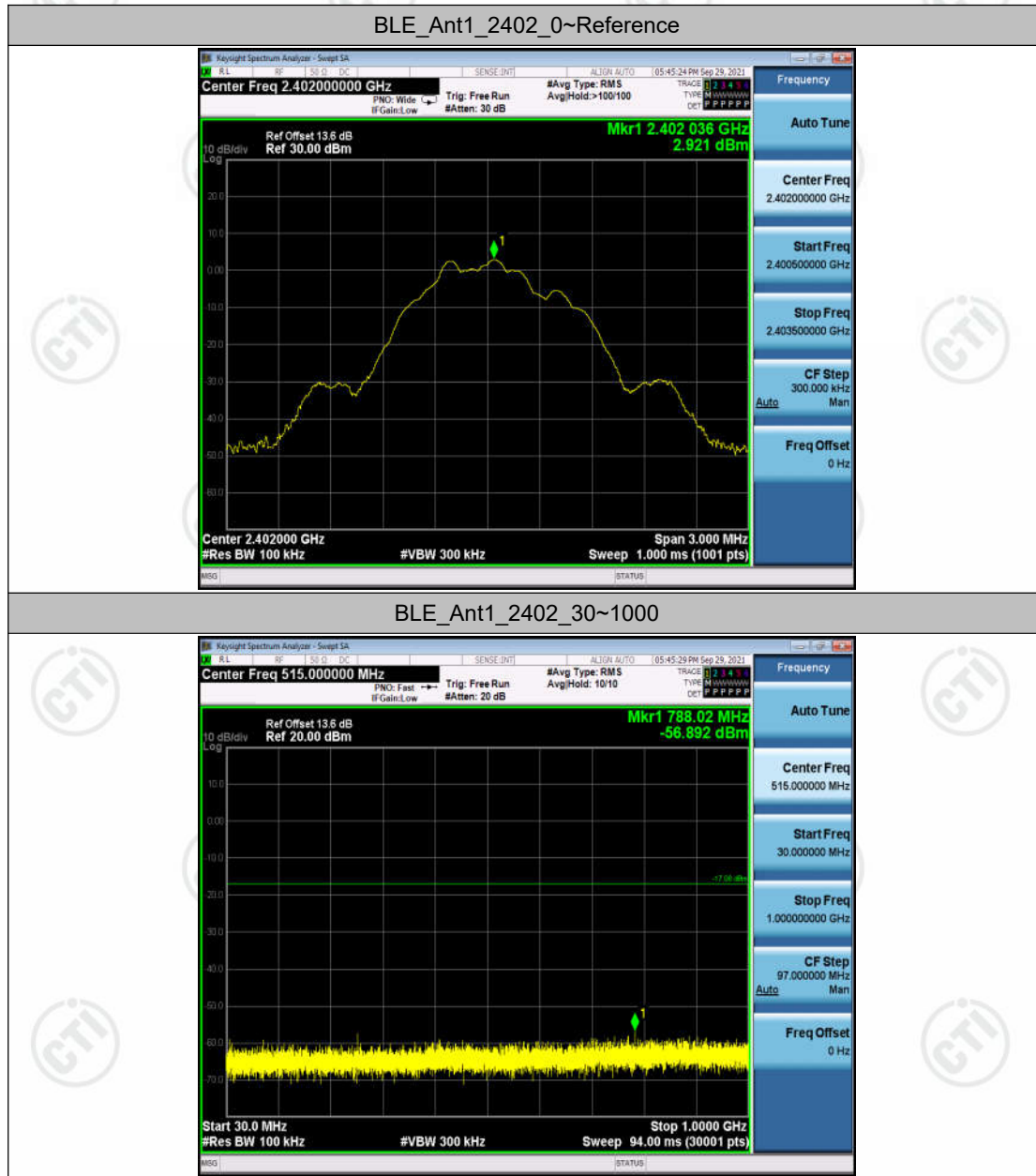


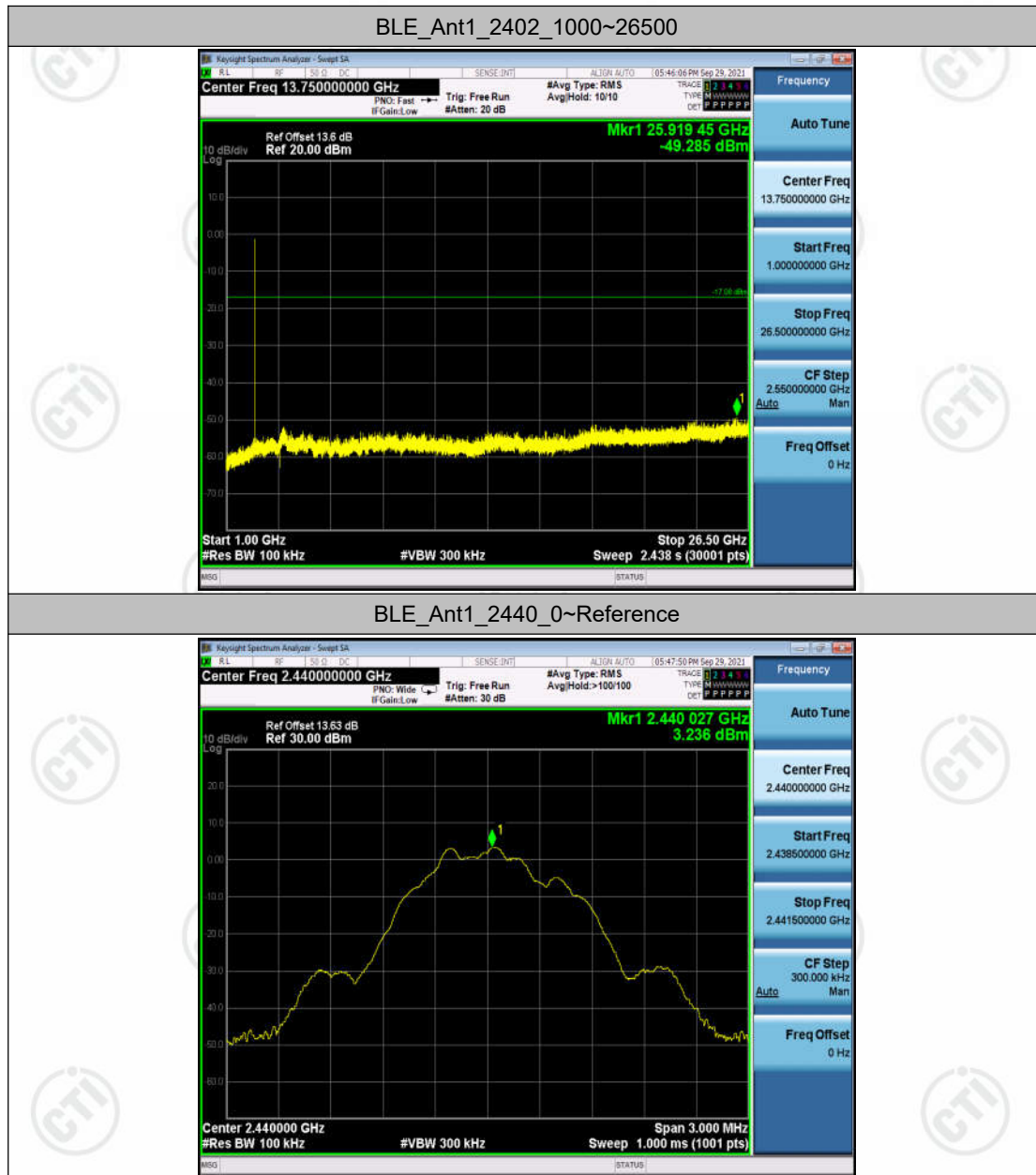
Appendix F: Conducted Spurious Emission

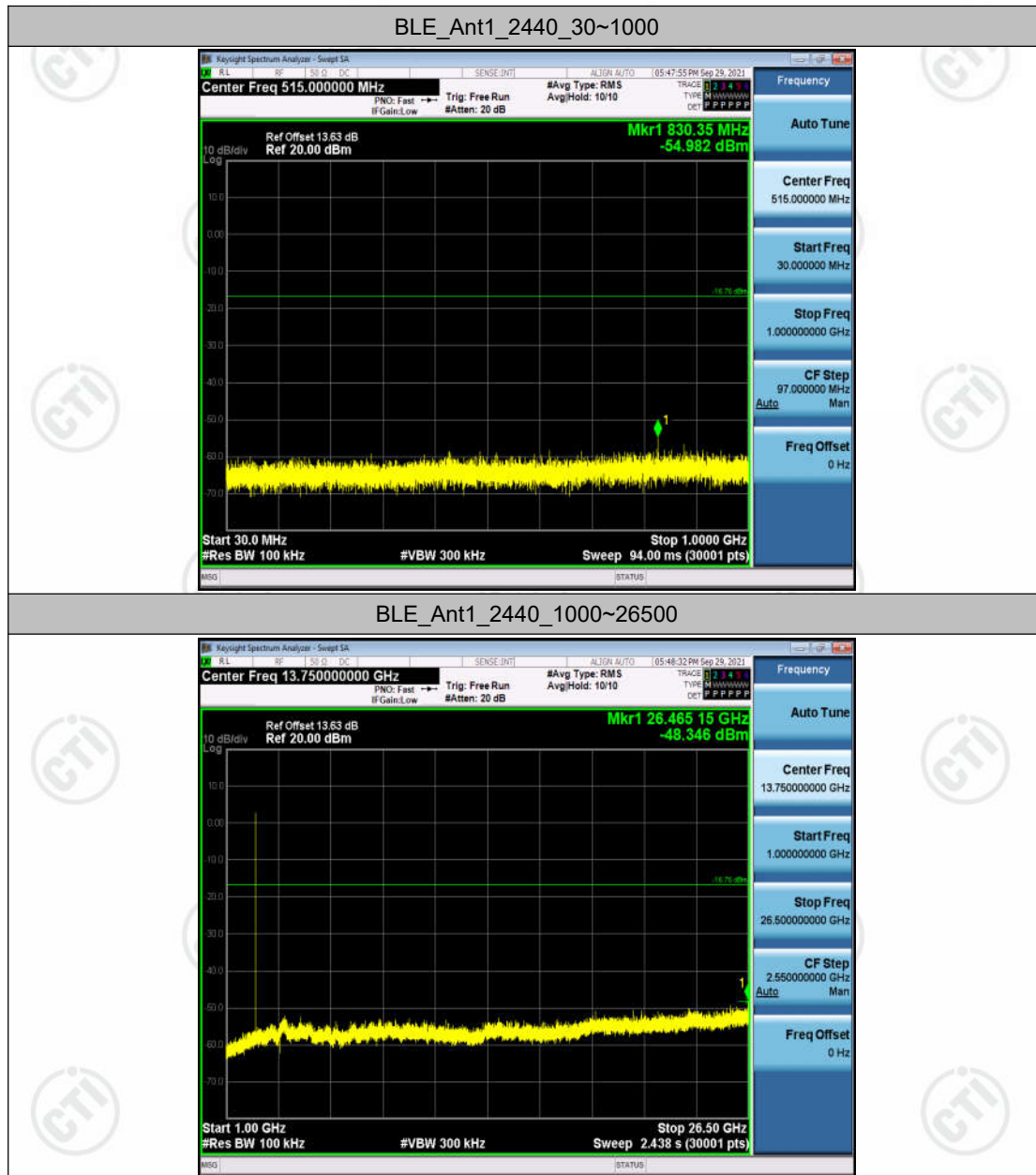
Test Result

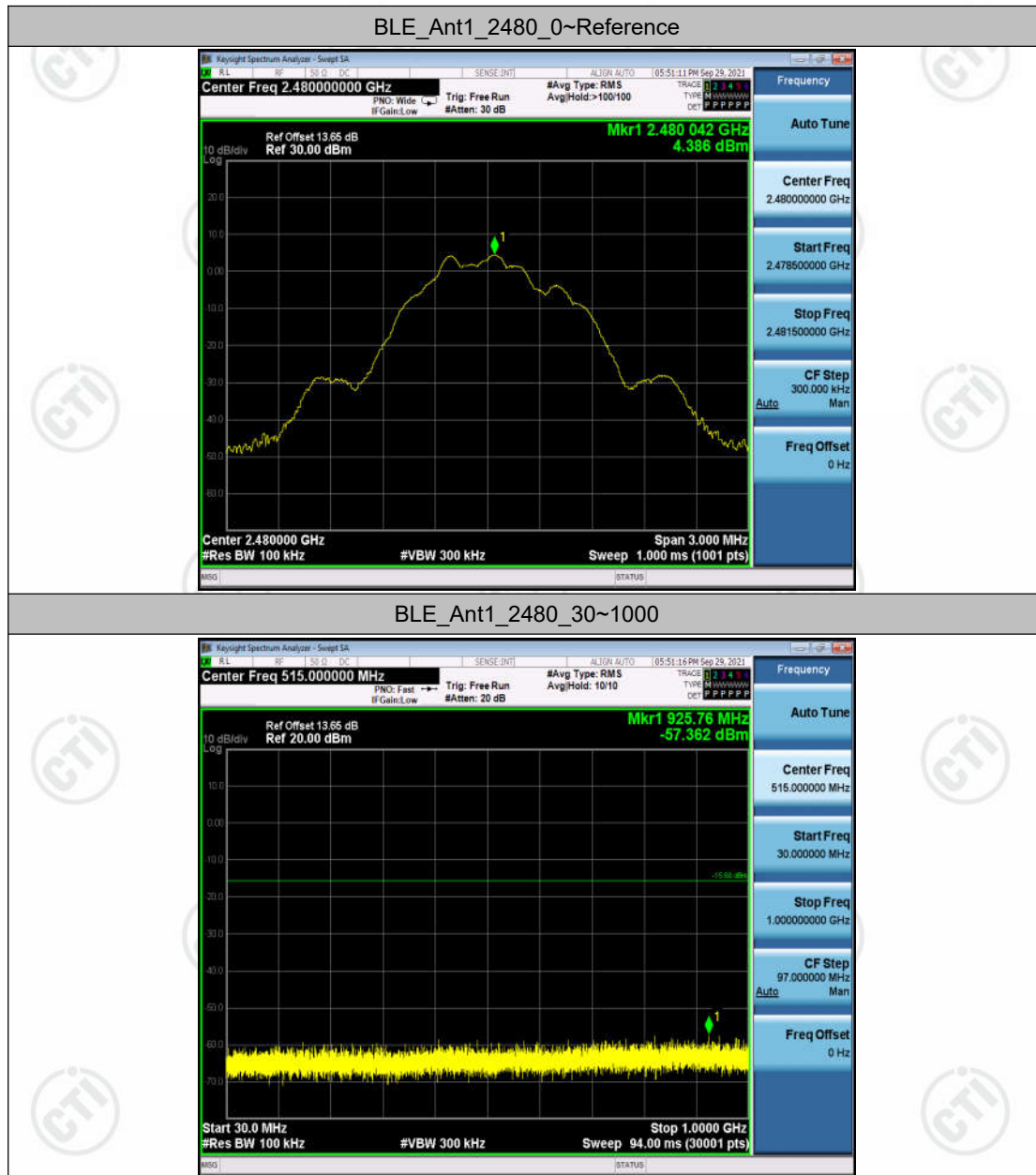
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	2.92	2.92	---	PASS
			30~1000	---	-56.892	<=-17.079	PASS
			1000~26500	---	-49.285	<=-17.079	PASS
		2440	Reference	3.24	3.24	---	PASS
			30~1000	---	-54.982	<=-16.764	PASS
			1000~26500	---	-48.346	<=-16.764	PASS
		2480	Reference	4.32	4.32	---	PASS
			30~1000	---	-57.362	<=-15.678	PASS
			1000~26500	---	-48.269	<=-15.678	PASS

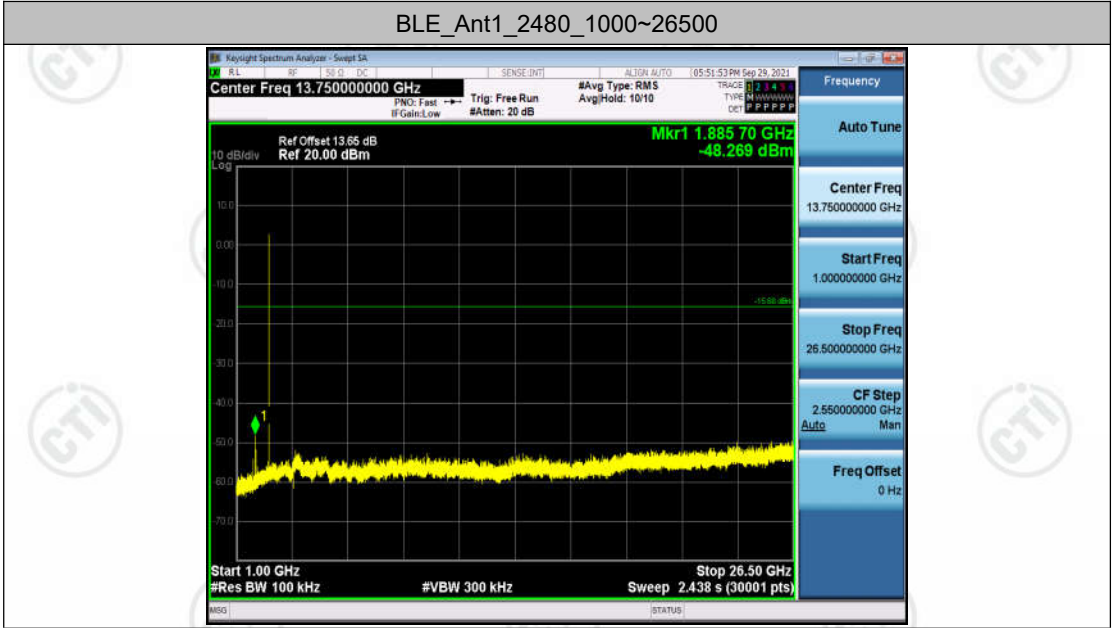
Test Graphs









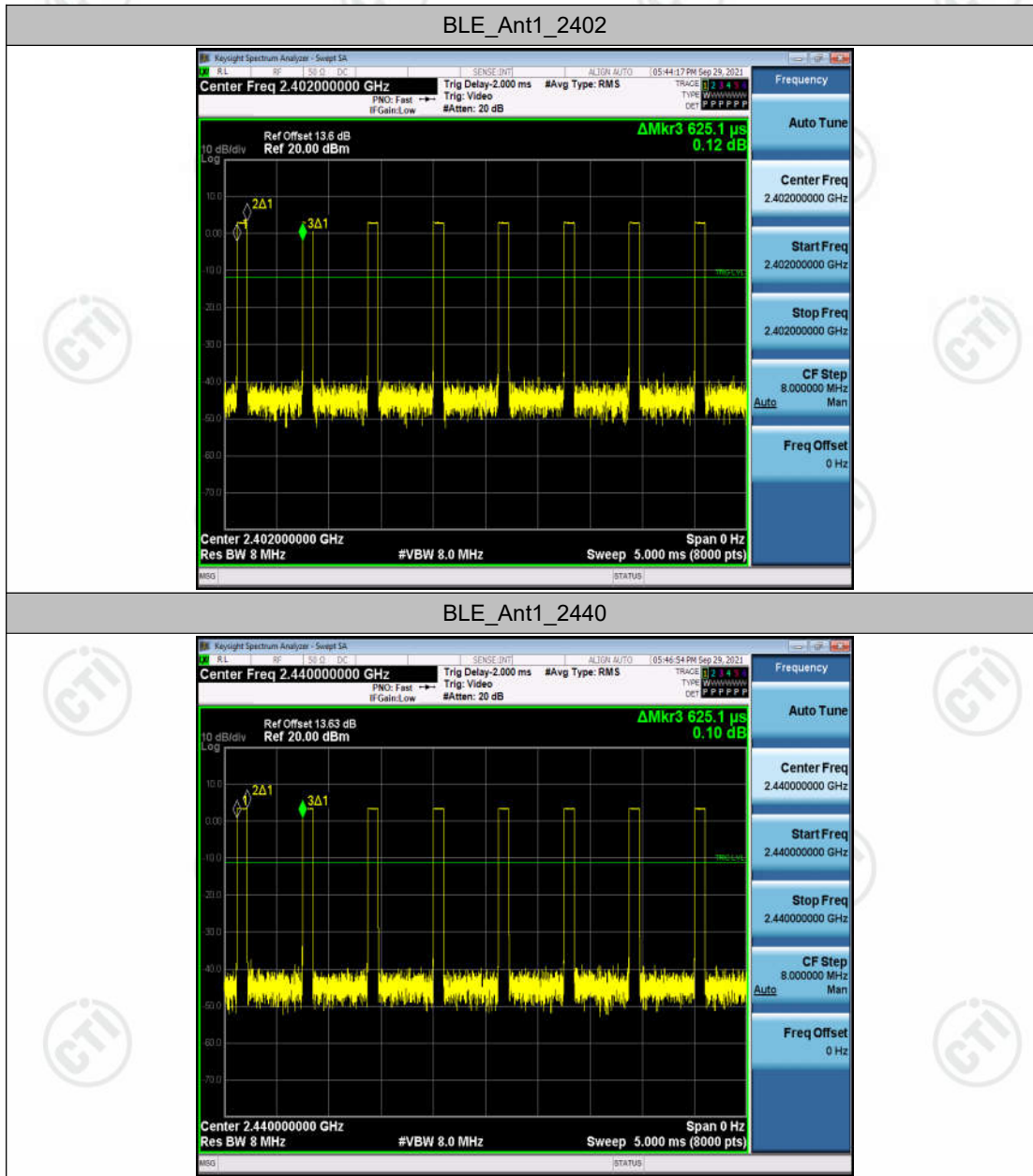


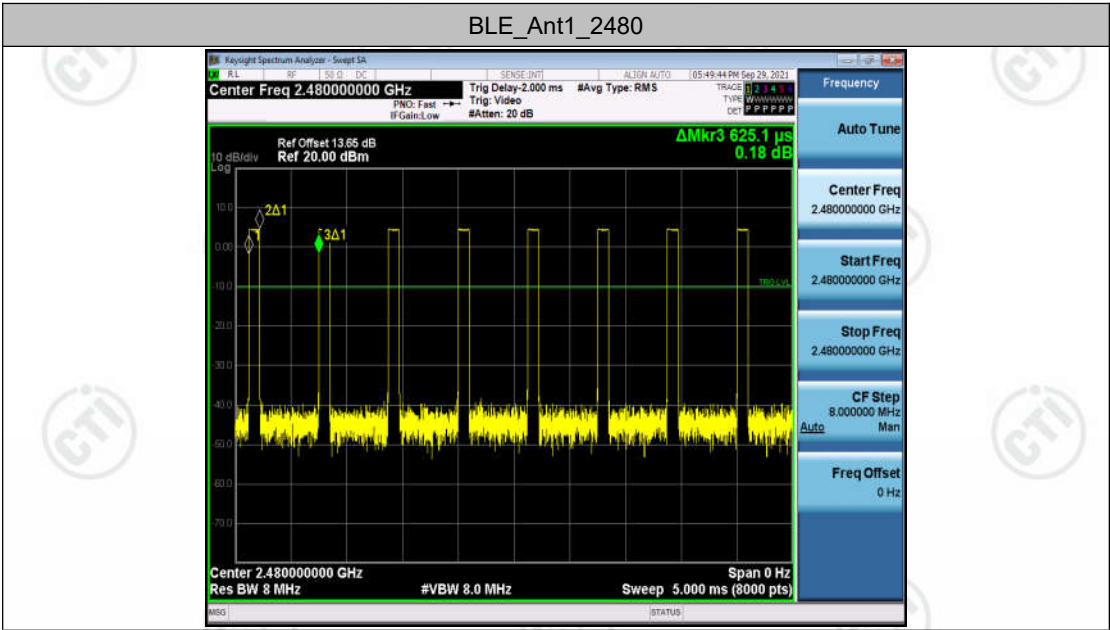
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE	Ant1	2402	0.10	0.63	15.60	---	PASS
		2440	0.10	0.63	15.50	---	PASS
		2480	0.10	0.63	15.60	---	PASS

Test Graphs





*** End of Report ***