

Appendix: Bluetooth LE

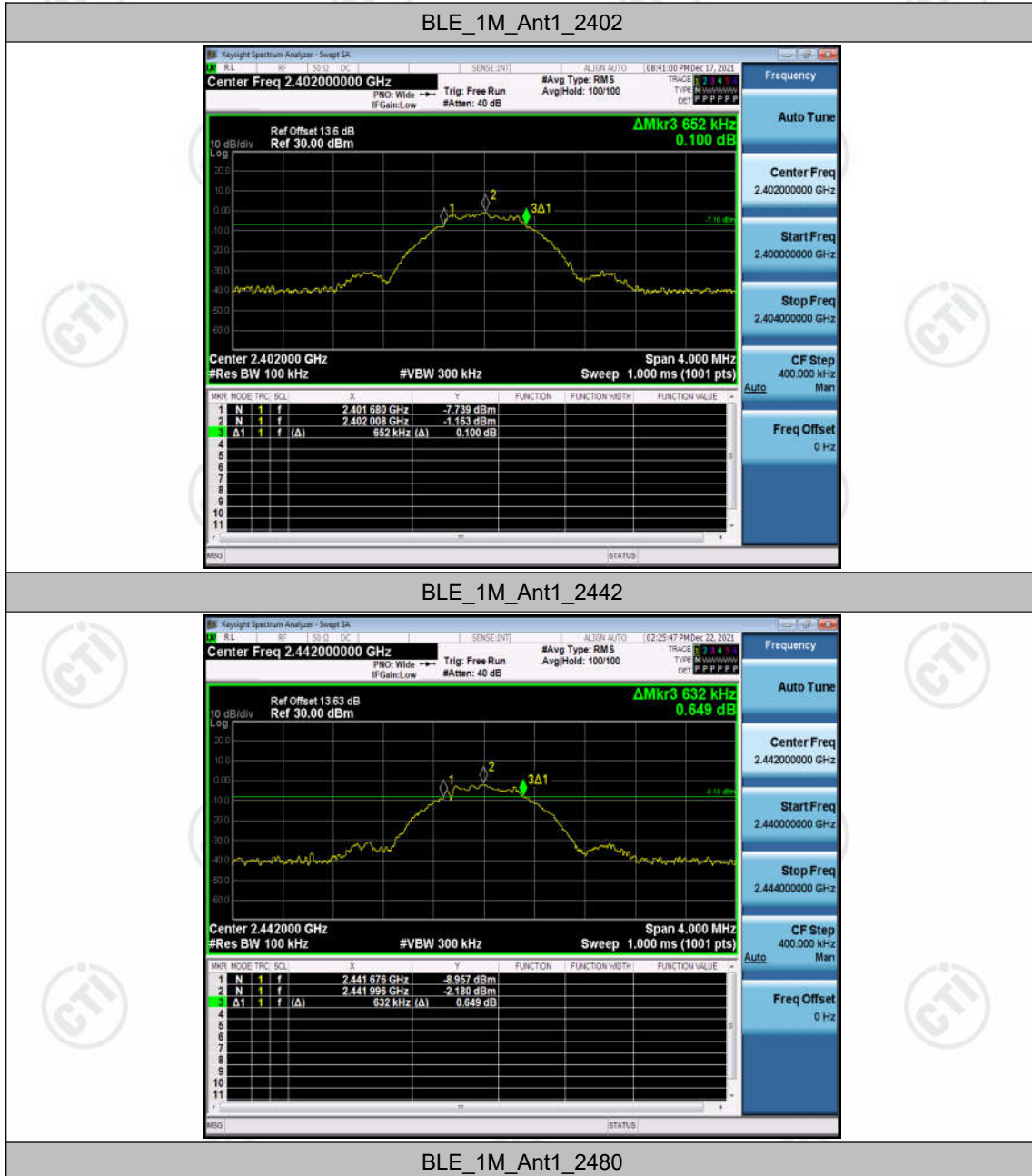
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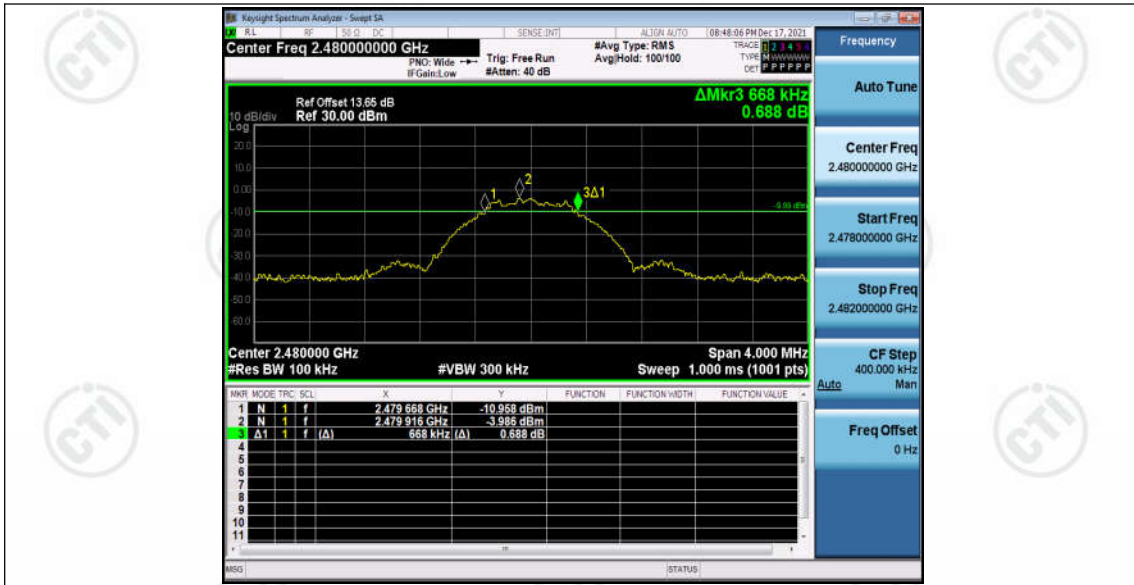
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Appendix A: DTS Bandwidth**Test Result**

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.652	2401.680	2402.332	0.5	PASS
		2442	0.632	2441.676	2442.308	0.5	PASS
		2480	0.668	2479.668	2480.336	0.5	PASS

Test Graphs



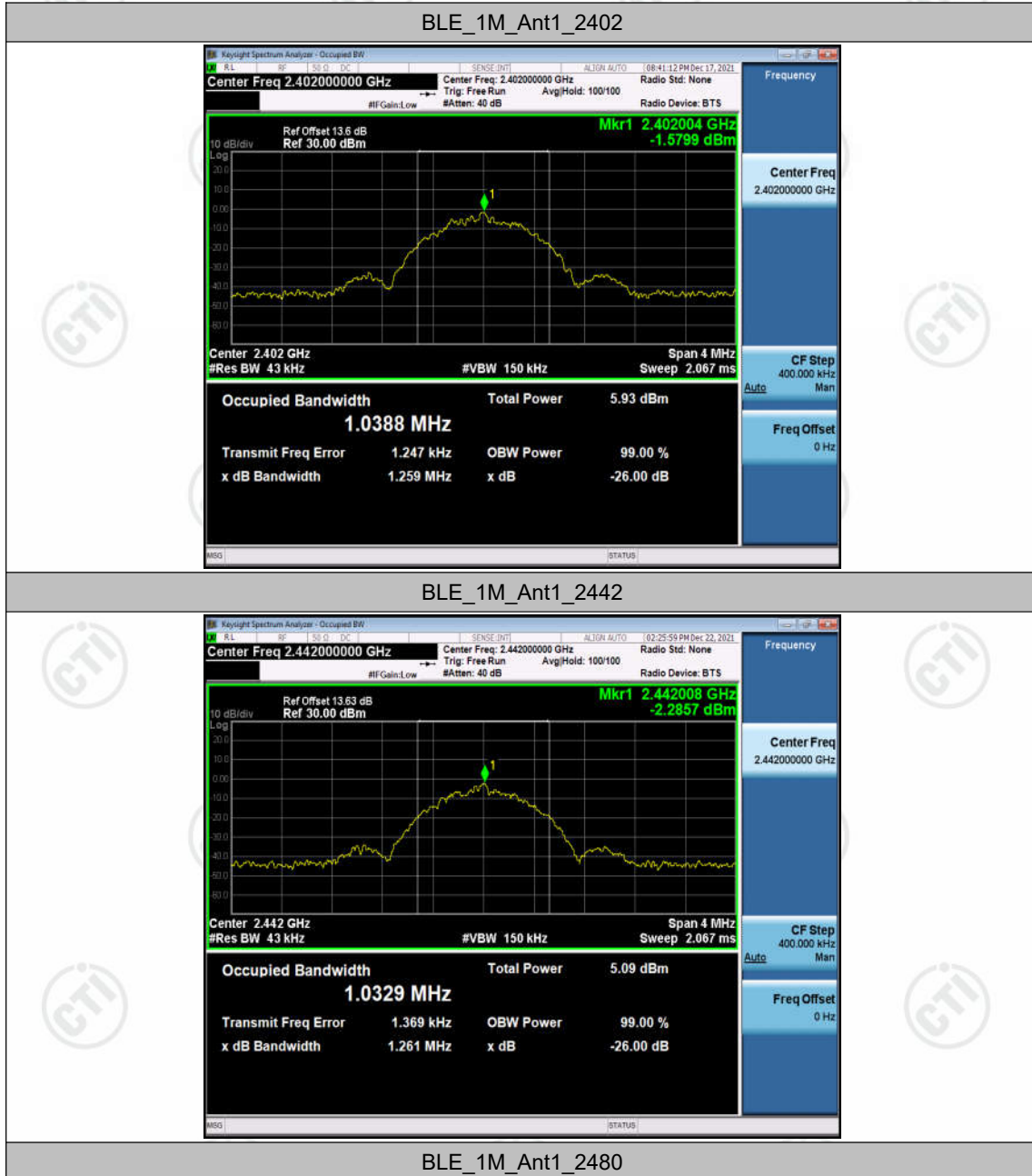


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0388	2401.482	2402.521	---	PASS
		2442	1.0329	2441.485	2442.518	---	PASS
		2480	1.0453	2479.477	2480.522	---	PASS

Test Graphs

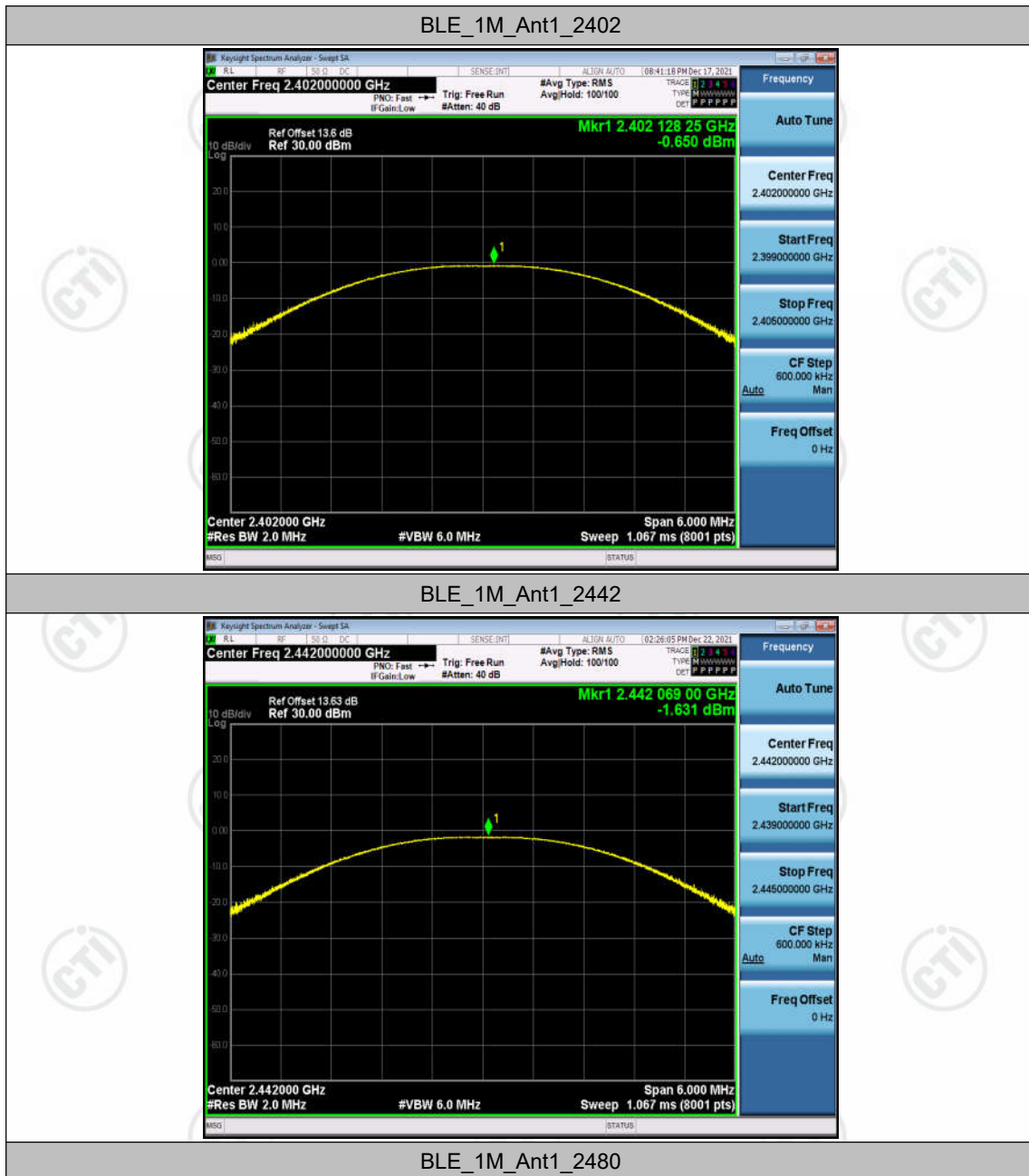




Appendix C: Maximum conducted output power**Test Result**

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.65	<=30	PASS
		2442	-1.63	<=30	PASS
		2480	-3.24	<=30	PASS

Test Graphs

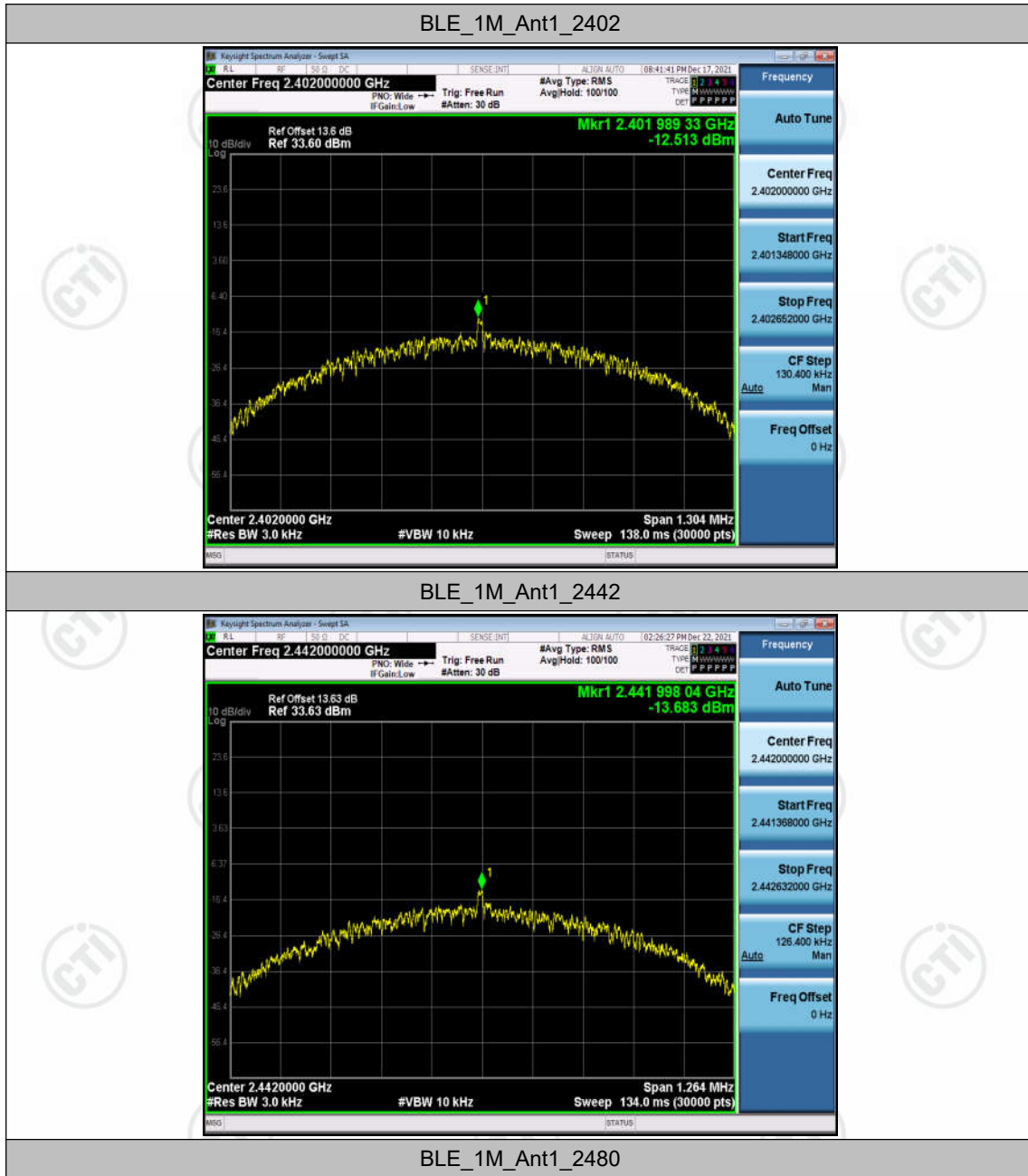




Appendix D: Maximum power spectral density**Test Result**

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.51	<=8	PASS
		2442	-13.68	<=8	PASS
		2480	-15.88	<=8	PASS

Test Graphs



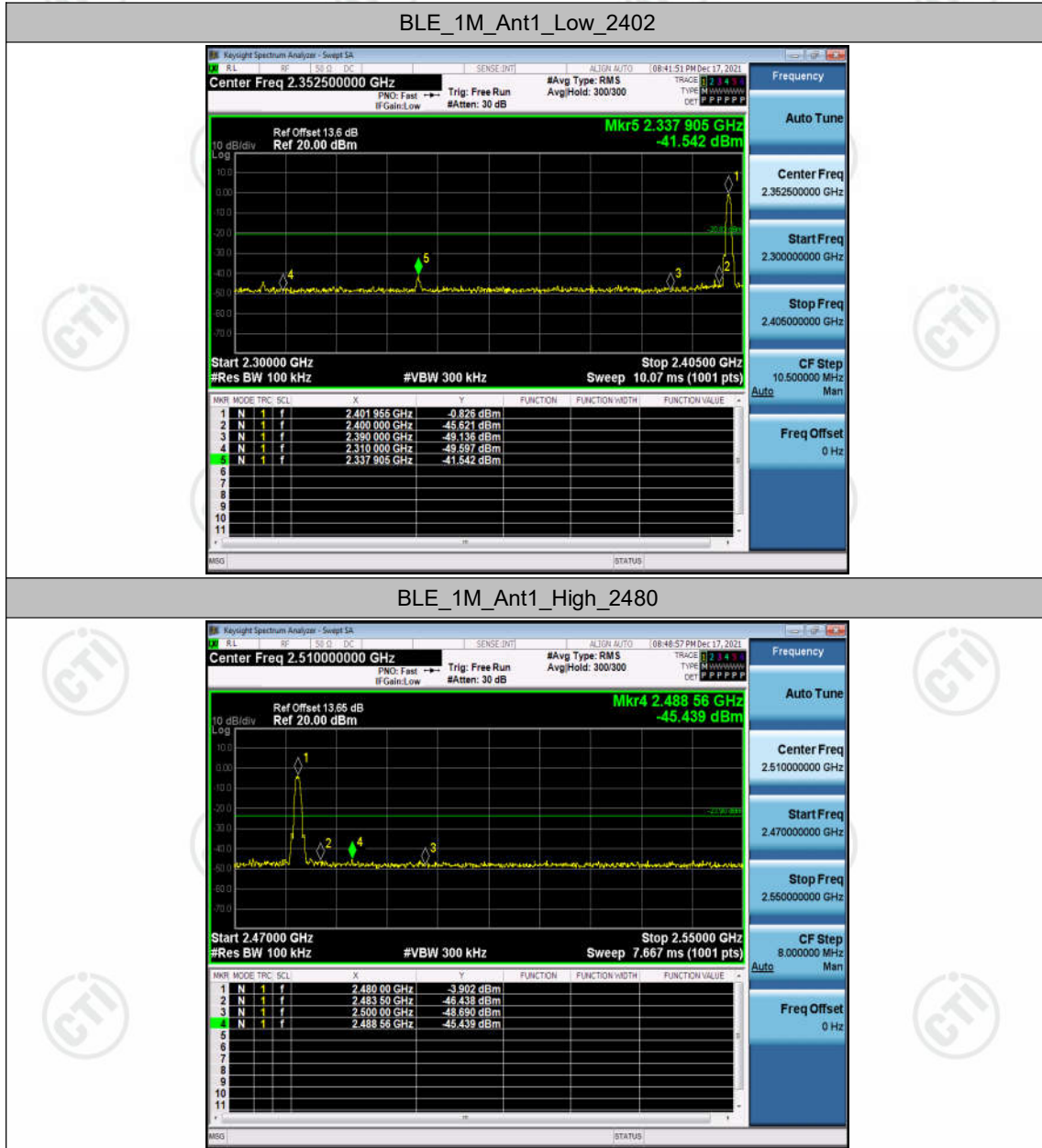


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.83	-41.54	<=-20.83	PASS
		High	2480	-3.90	-45.44	<=-23.9	PASS

Test Graphs

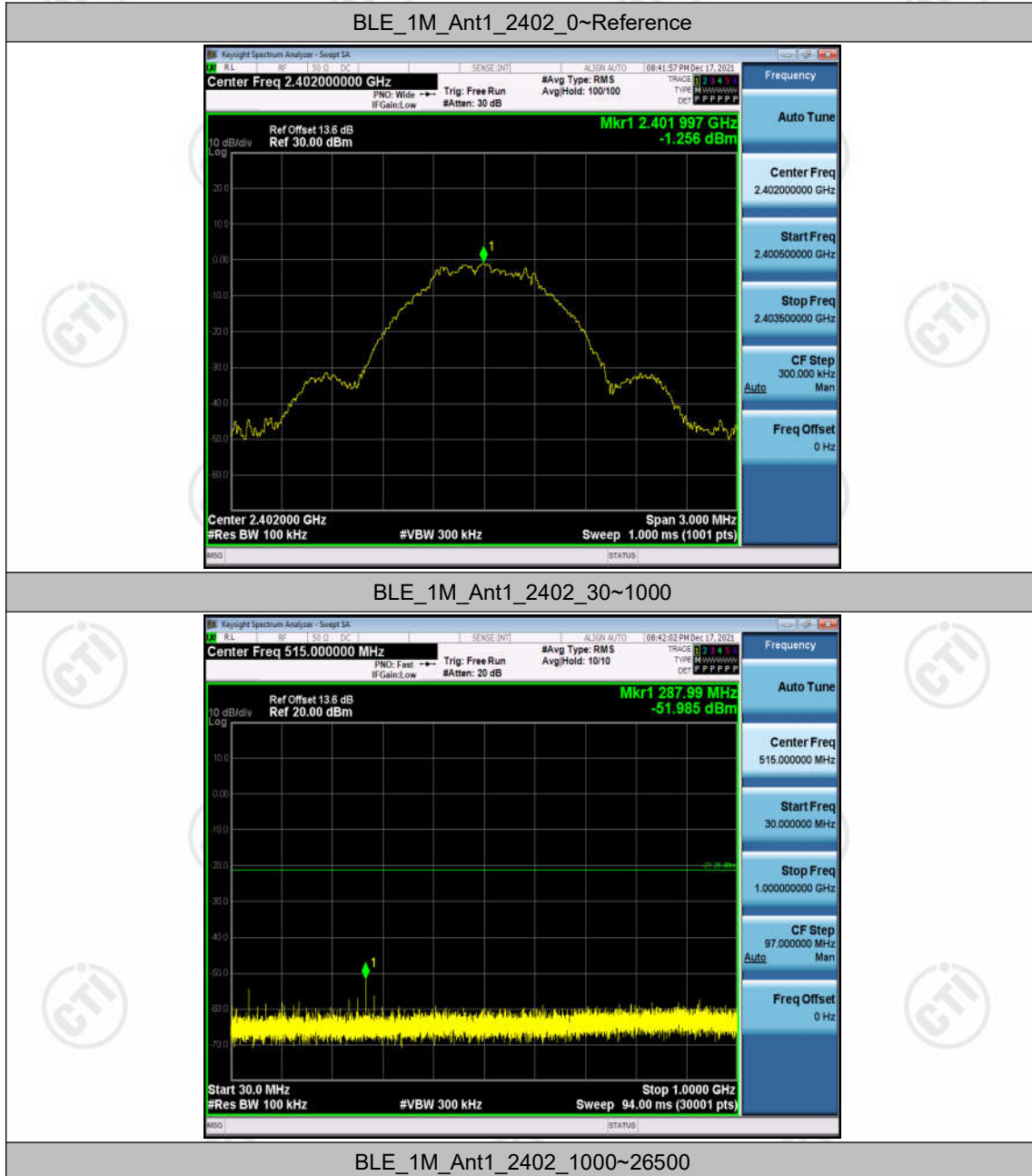


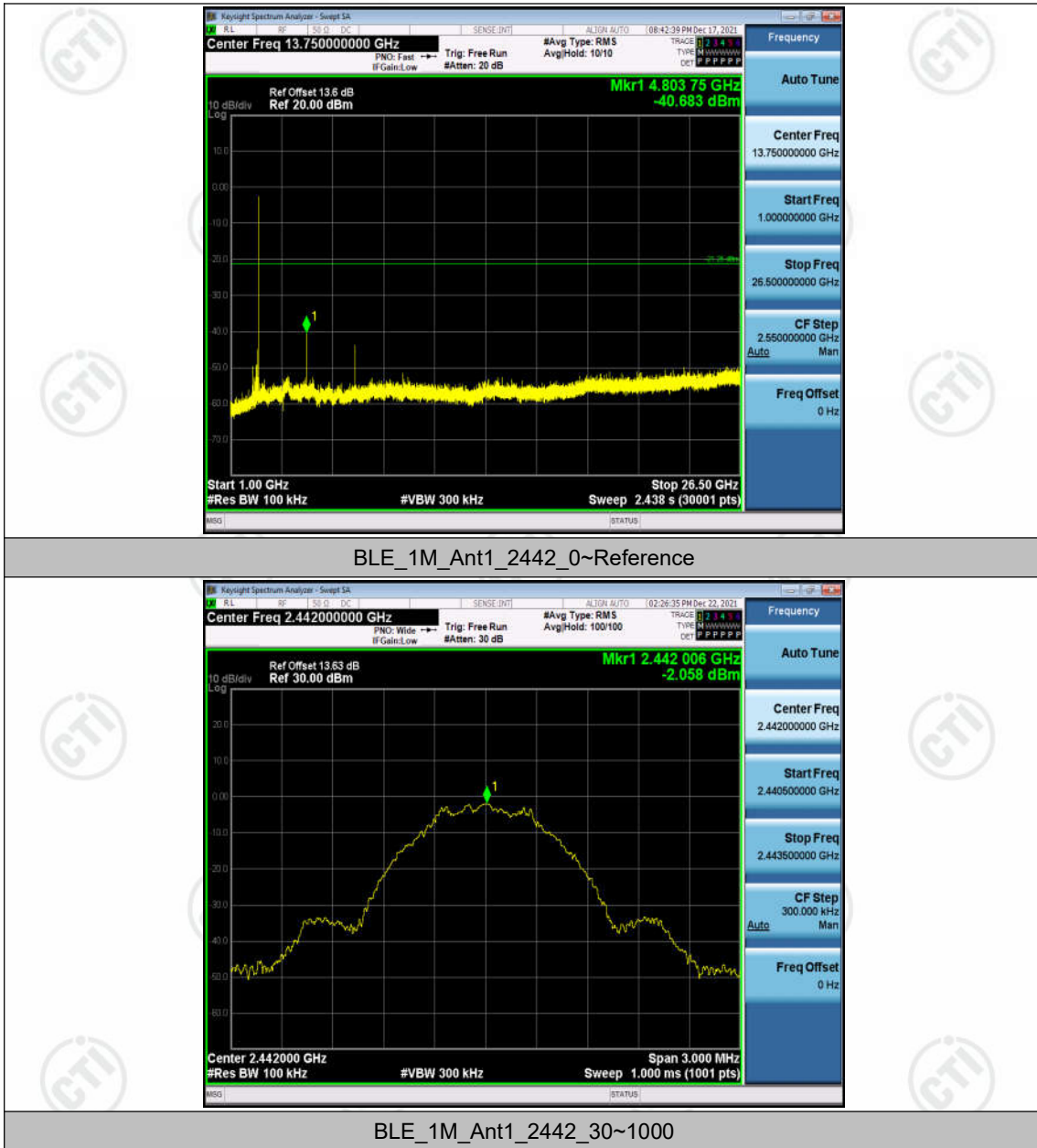
Appendix F: Conducted Spurious Emission

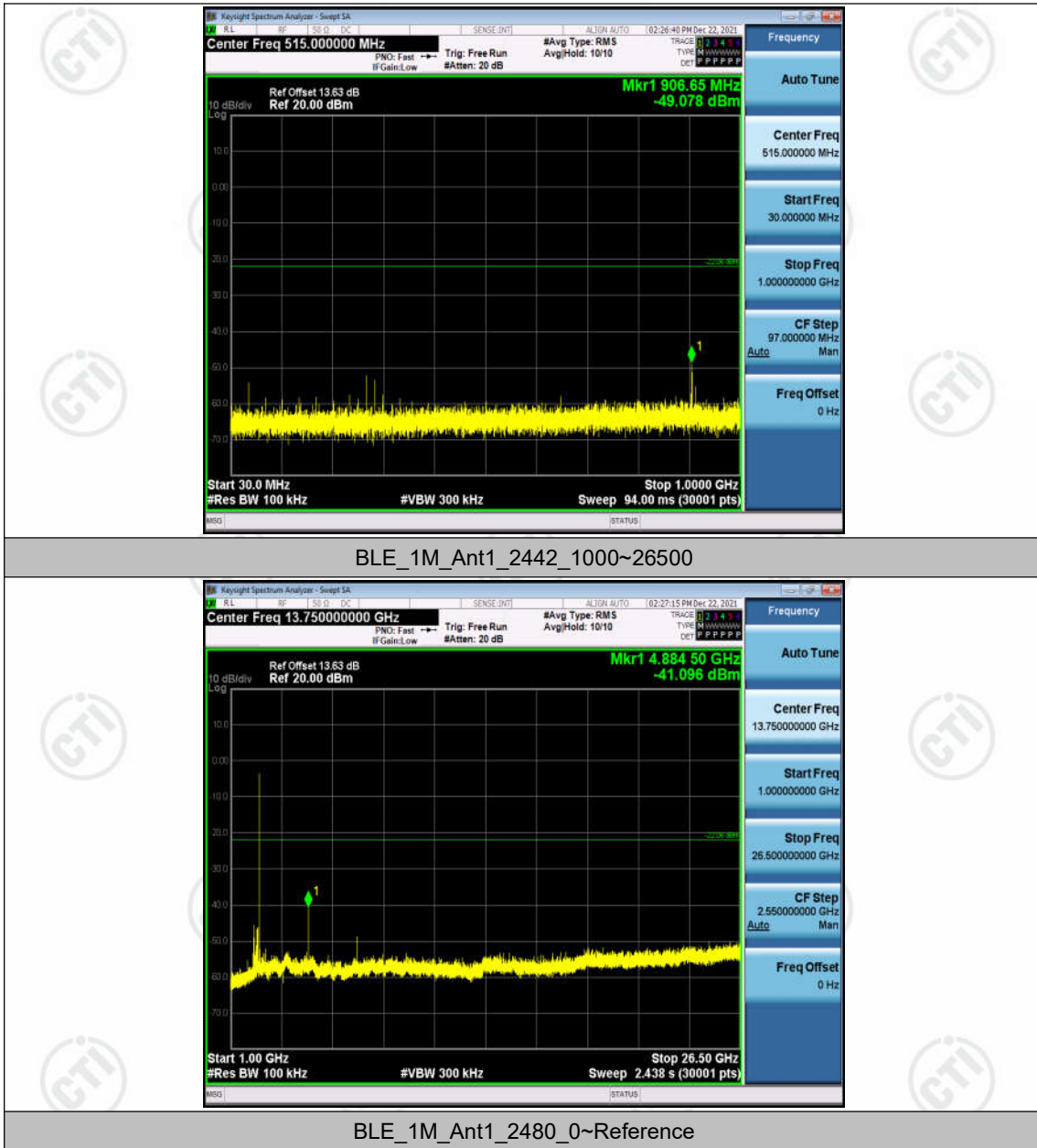
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.26	-1.26	---	PASS
			30~1000	30~1000	-51.985	<=-21.256	PASS
			1000~26500	1000~26500	-40.683	<=-21.256	PASS
		2442	Reference	-2.06	-2.06	---	PASS
			30~1000	30~1000	-49.078	<=-22.058	PASS
			1000~26500	1000~26500	-41.096	<=-22.058	PASS
		2480	Reference	-3.98	-3.98	---	PASS
			30~1000	30~1000	-53.889	<=-23.976	PASS
			1000~26500	1000~26500	-43.804	<=-23.976	PASS

Test Graphs

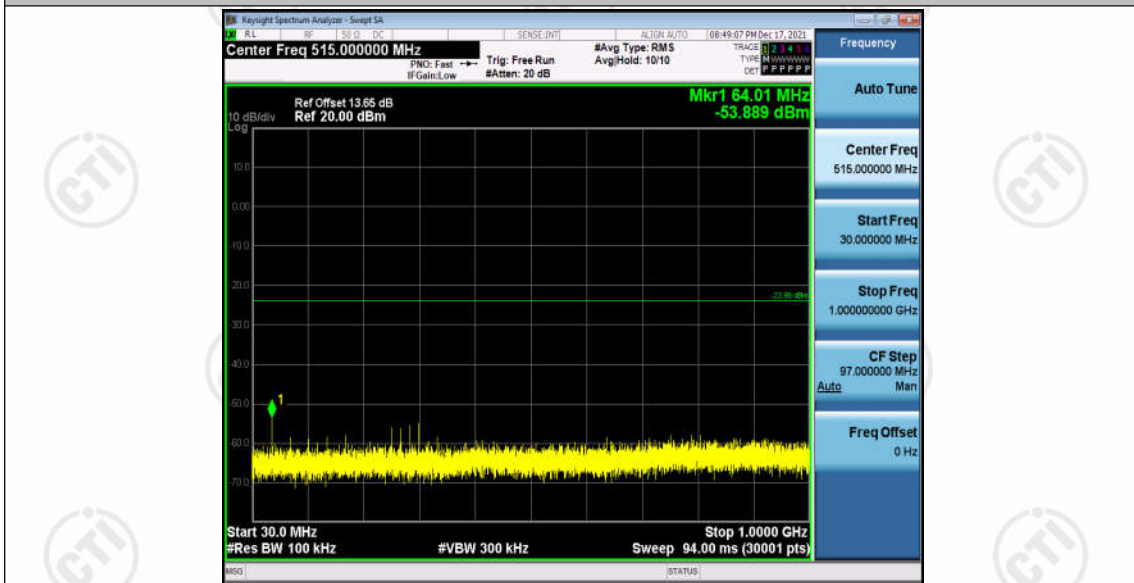




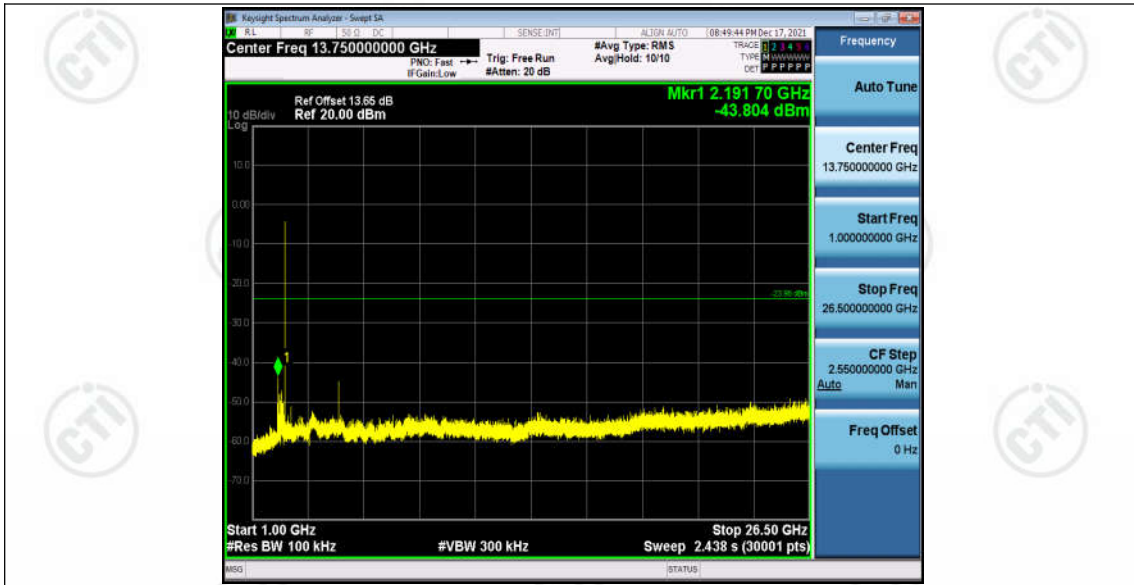




BLE_1M_Ant1_2480_30~1000



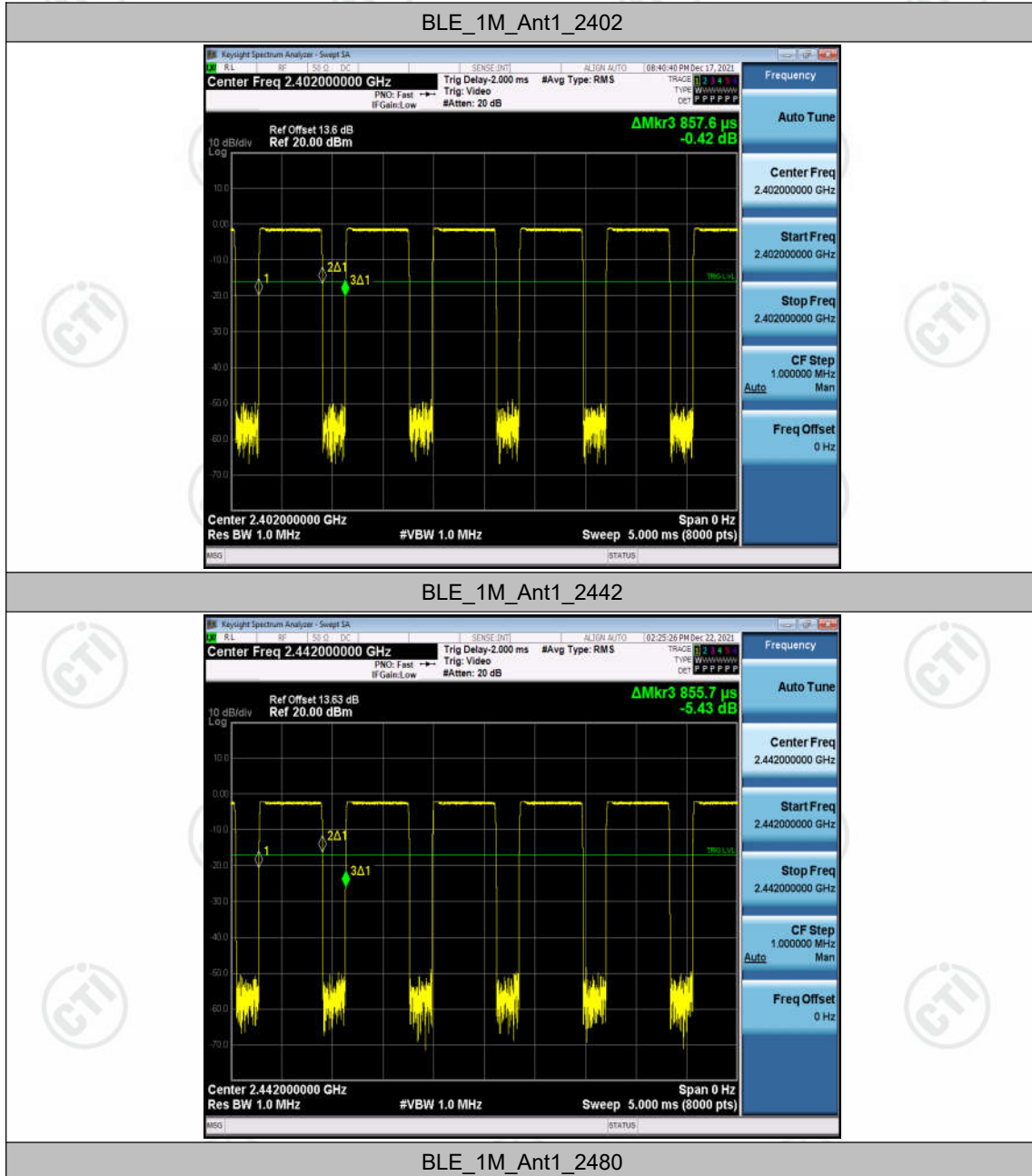
BLE_1M_Ant1_2480_1000~26500

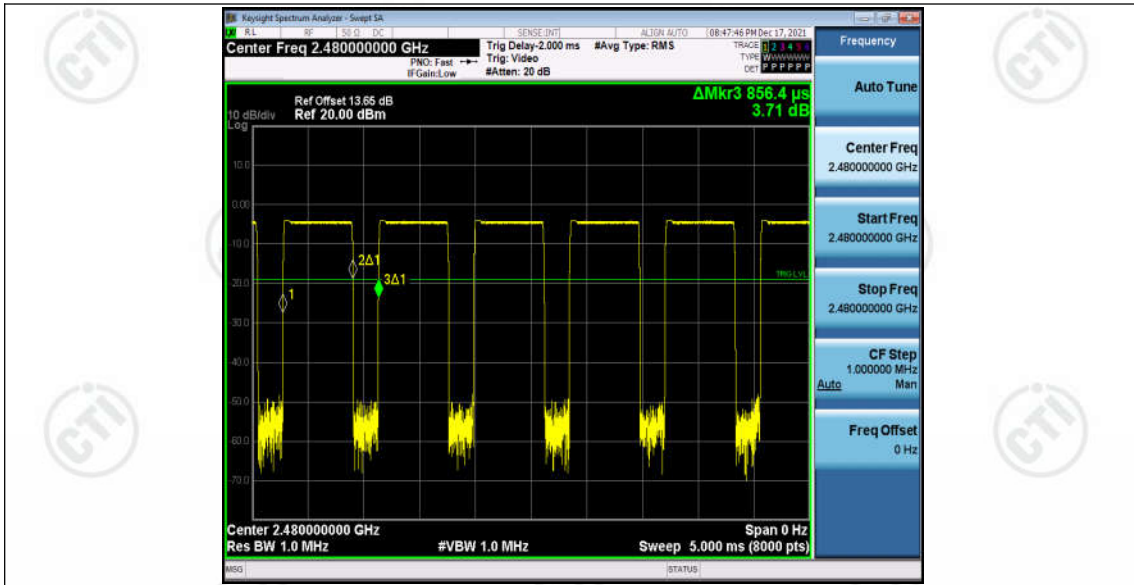


Appendix G: Duty Cycle**Test Result**

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	1/T(kHz)	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.63	0.86	1.163	73.47	---	PASS
		2442	0.63	0.86	1.163	73.56	---	PASS
		2480	0.63	0.86	1.163	73.58	---	PASS

Test Graphs





*** End of Report ***