

Appendix: Bluetooth LE

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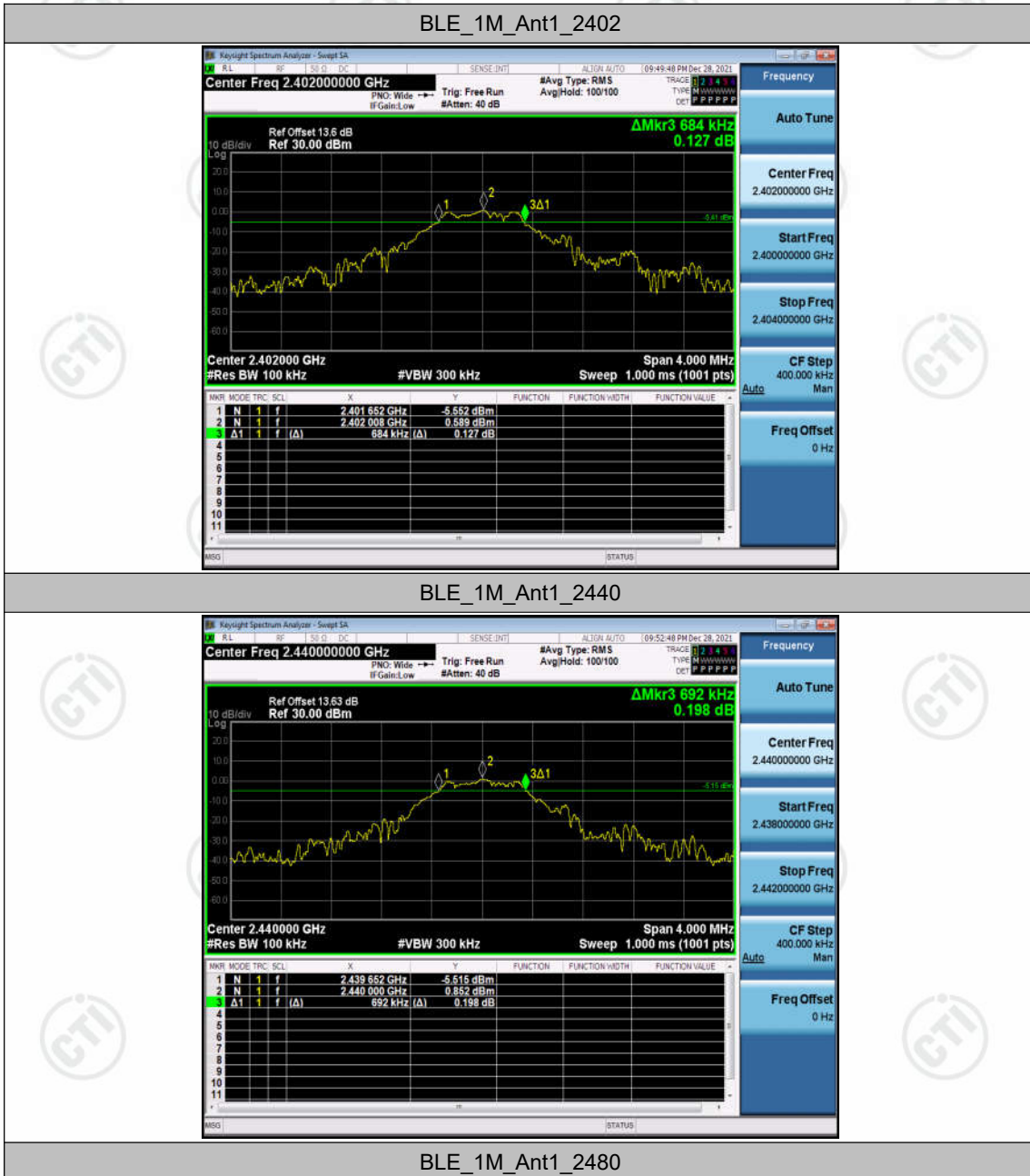
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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.684	2401.652	2402.336	0.5	PASS
		2440	0.692	2439.652	2440.344	0.5	PASS
		2480	0.680	2479.660	2480.340	0.5	PASS

Test Graphs

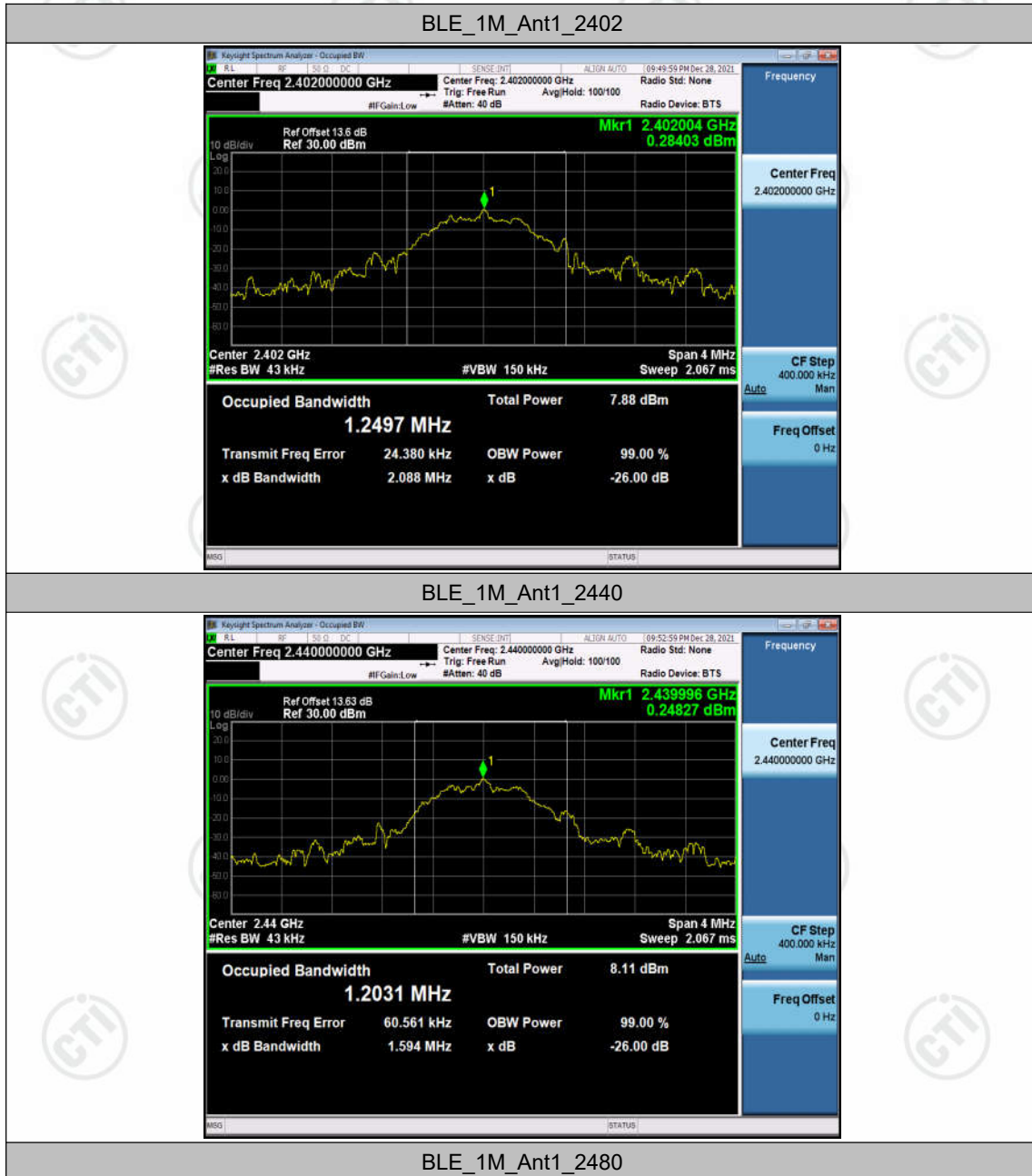




Appendix B: Occupied Channel Bandwidth**Test Result**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.2497	2401.400	2402.649	---	PASS
		2440	1.2031	2439.459	2440.662	---	PASS
		2480	1.1044	2479.467	2480.572	---	PASS

Test Graphs

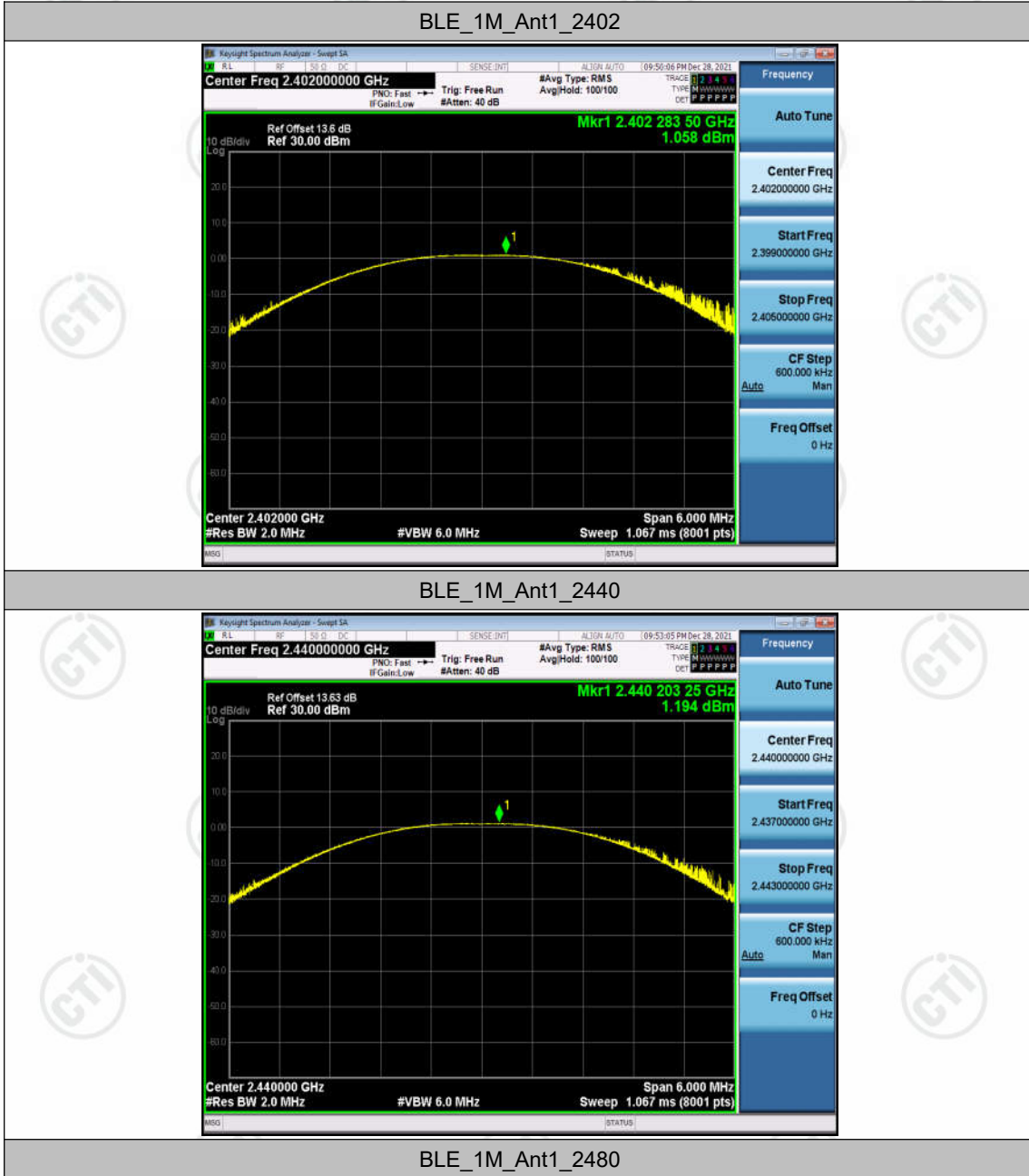


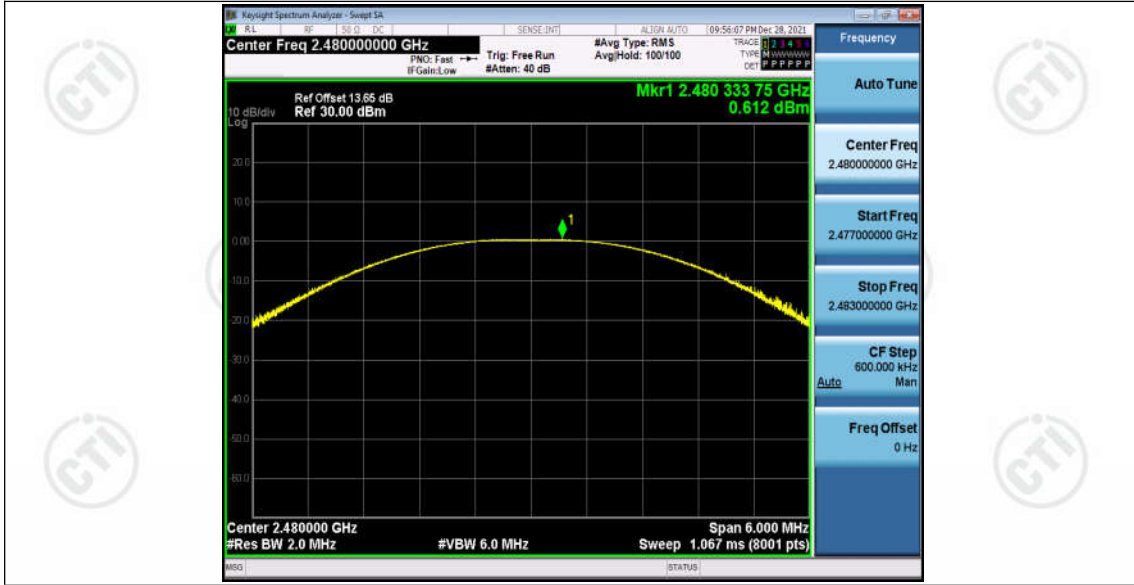


Appendix C: Maximum conducted output power**Test Result**

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.06	<=30	PASS
		2440	1.19	<=30	PASS
		2480	0.61	<=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	-14.4	<=8	PASS
		2440	-13.96	<=8	PASS
		2480	-13.75	<=8	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

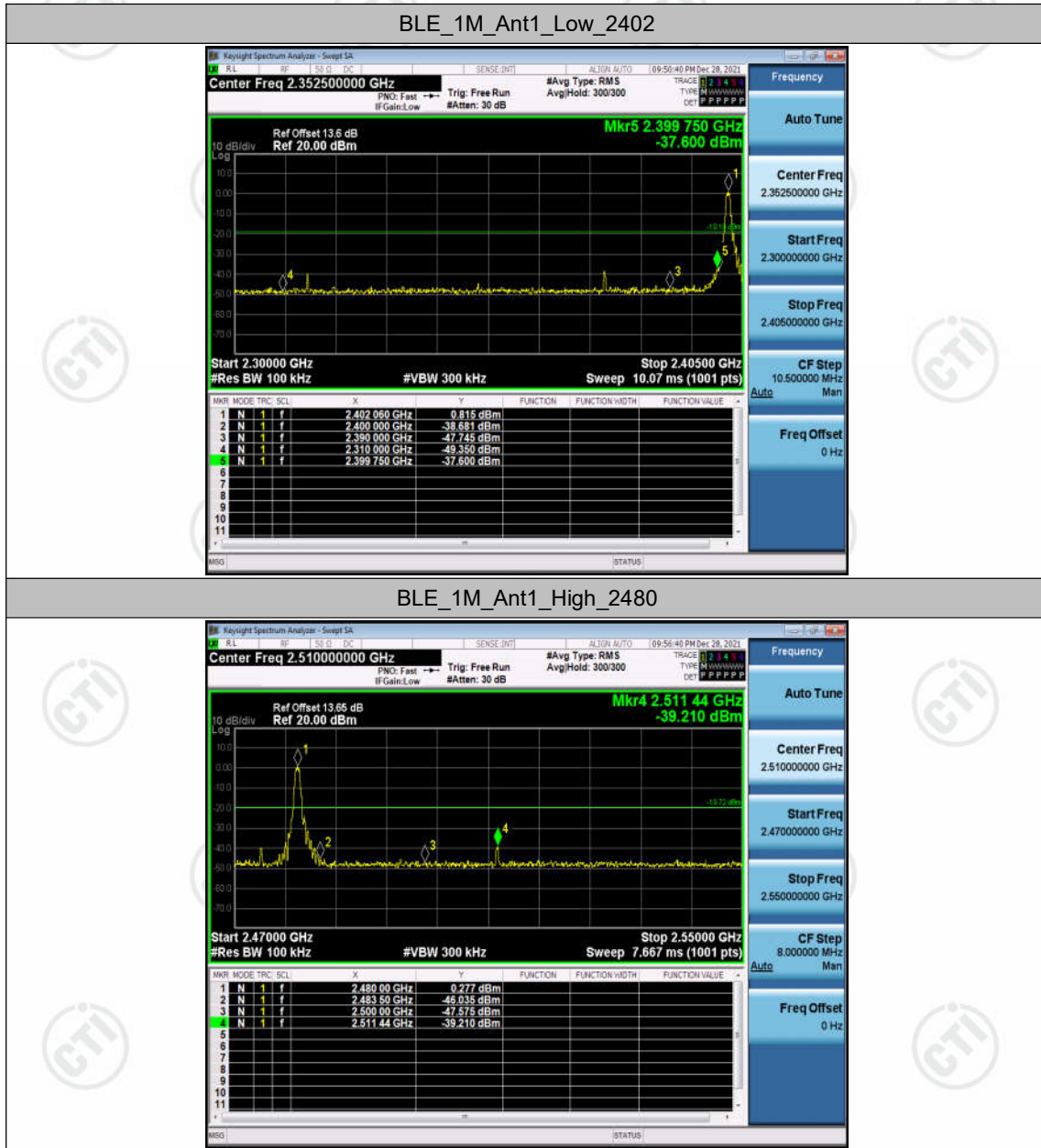


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.82	-37.6	<=-19.18	PASS
		High	2480	0.28	-39.21	<=-19.72	PASS

Test Graphs

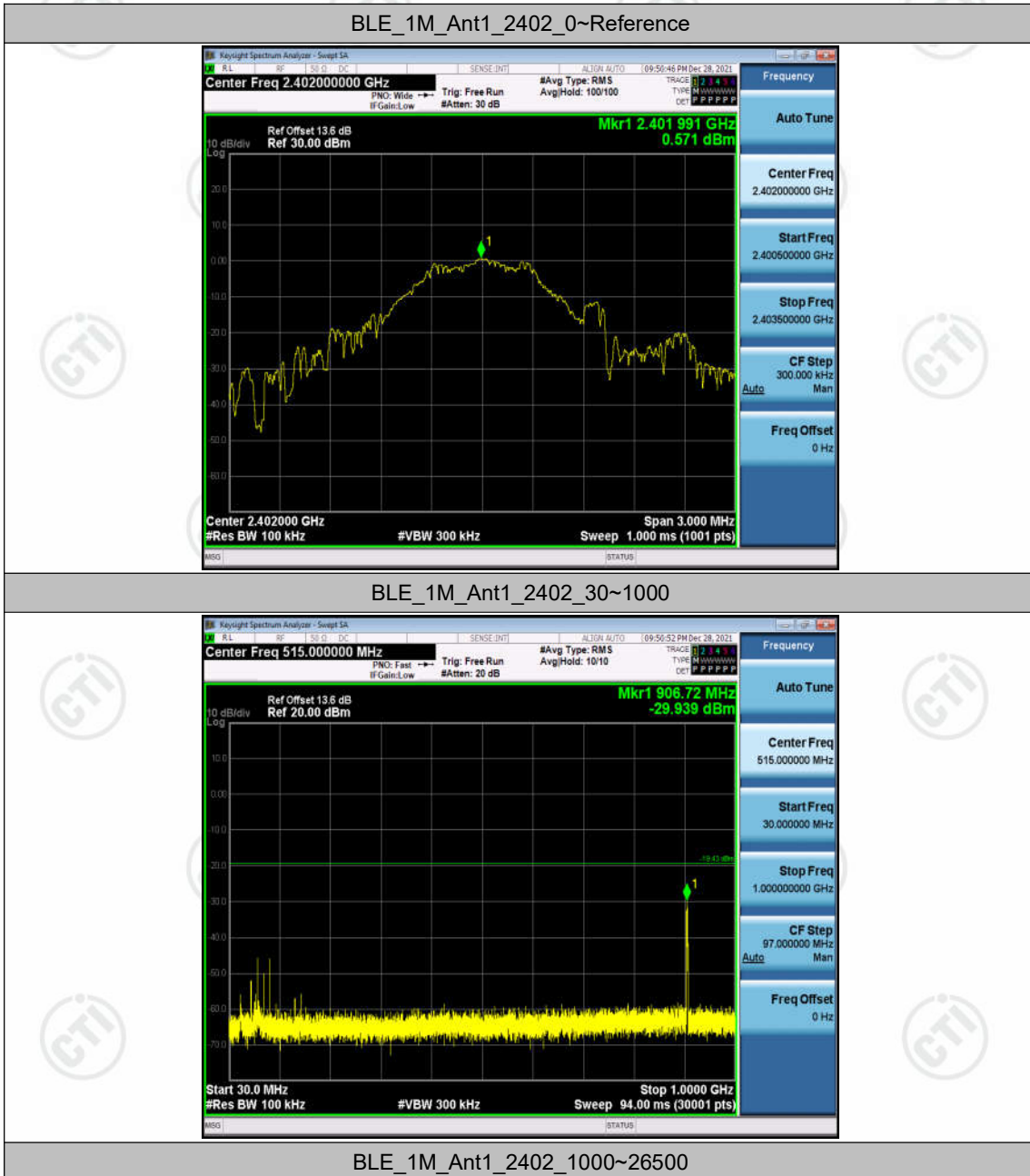


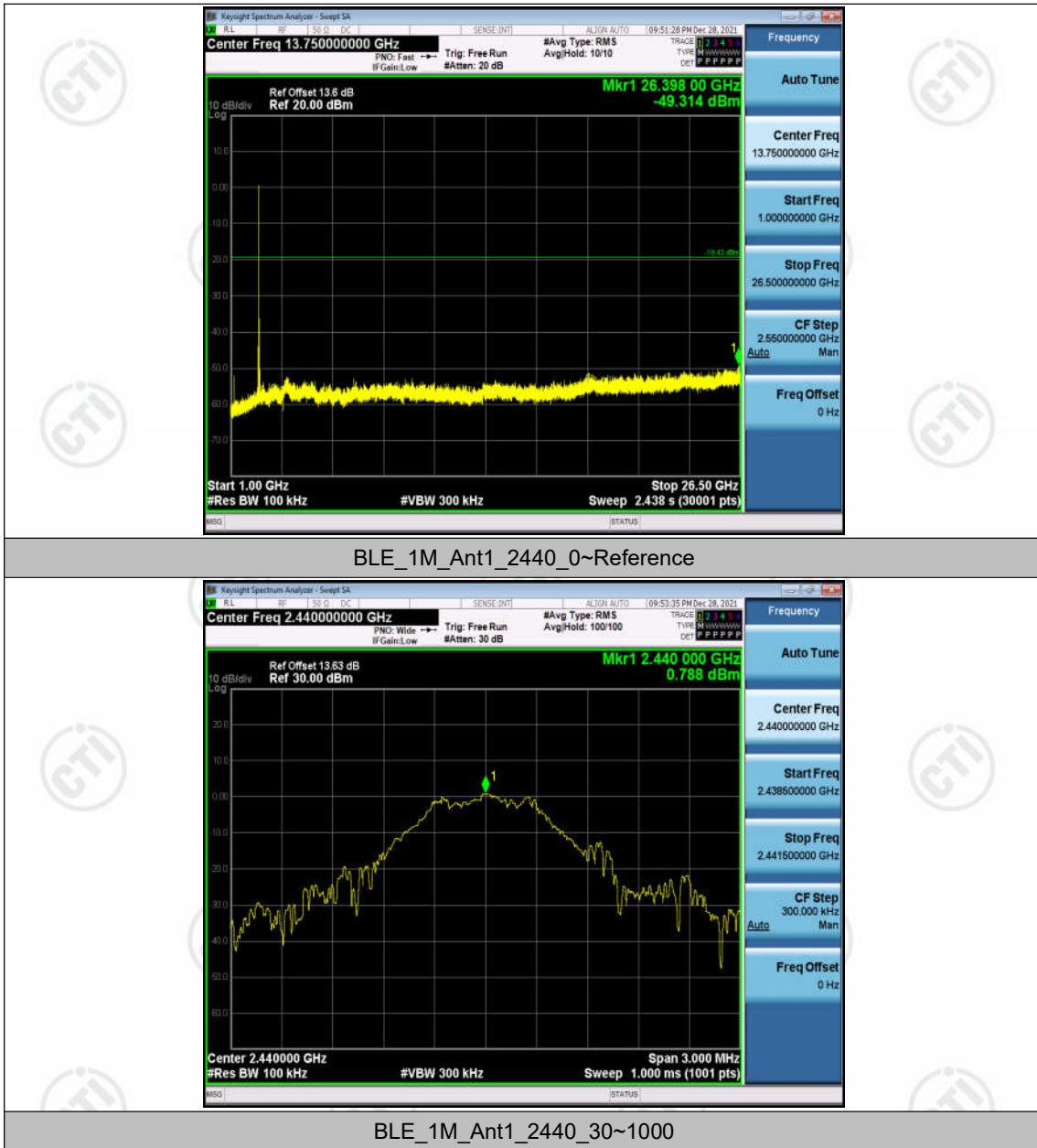
Appendix F: Conducted Spurious Emission

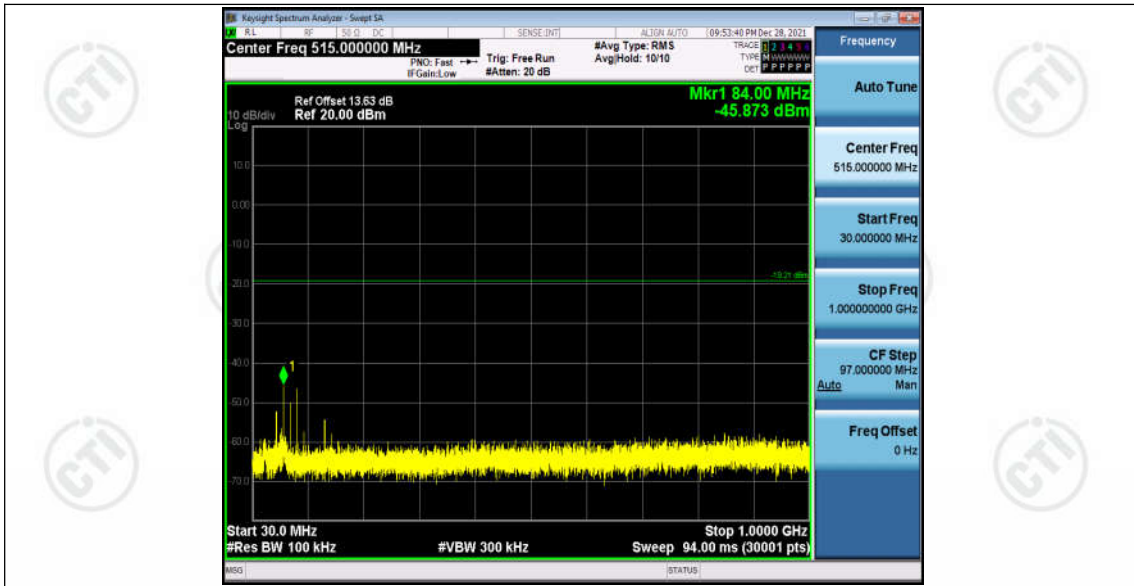
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.57	0.57	---	PASS
			30~1000	30~1000	-29.939	<=-19.429	PASS
			1000~26500	1000~26500	-49.314	<=-19.429	PASS
		2440	Reference	0.79	0.79	---	PASS
			30~1000	30~1000	-45.873	<=-19.212	PASS
			1000~26500	1000~26500	-49.579	<=-19.212	PASS
		2480	Reference	0.07	0.07	---	PASS
			30~1000	30~1000	-46.47	<=-19.928	PASS
			1000~26500	1000~26500	-49.141	<=-19.928	PASS

Test Graphs







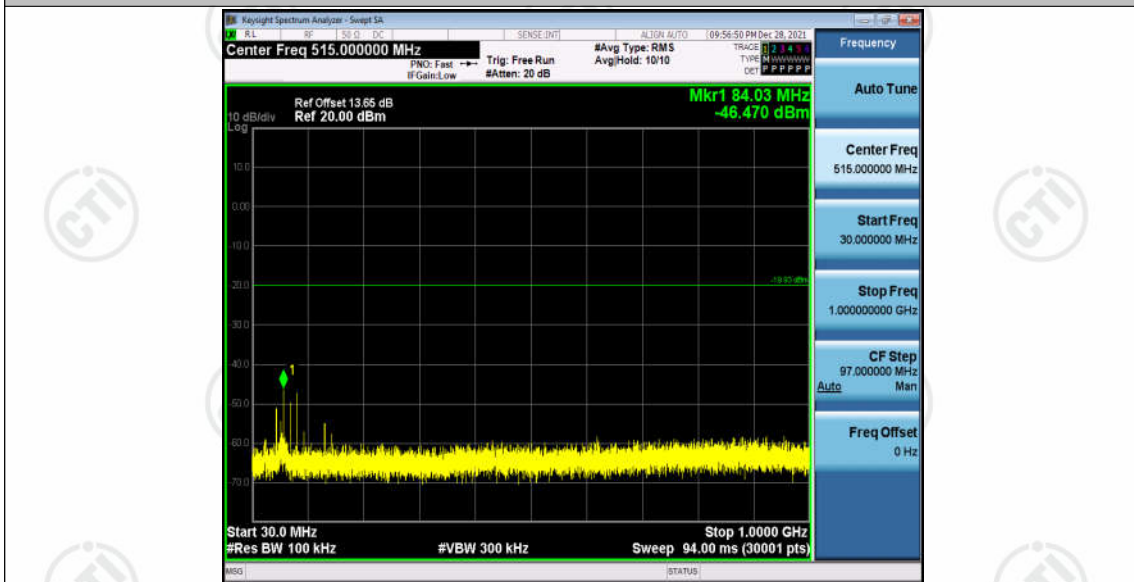
BLE_1M_Ant1_2440_1000~26500



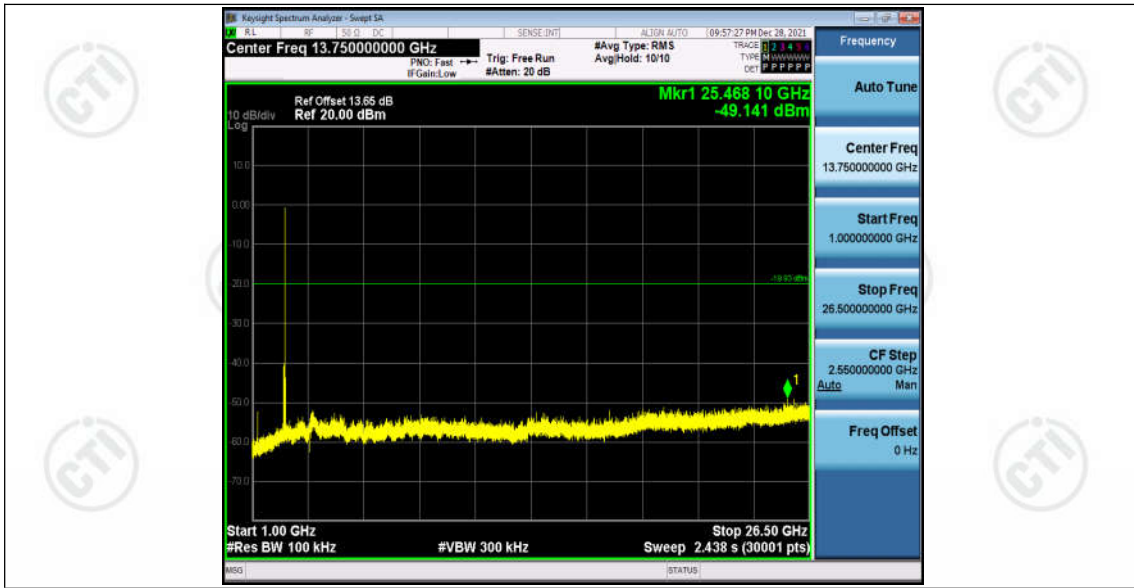
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500

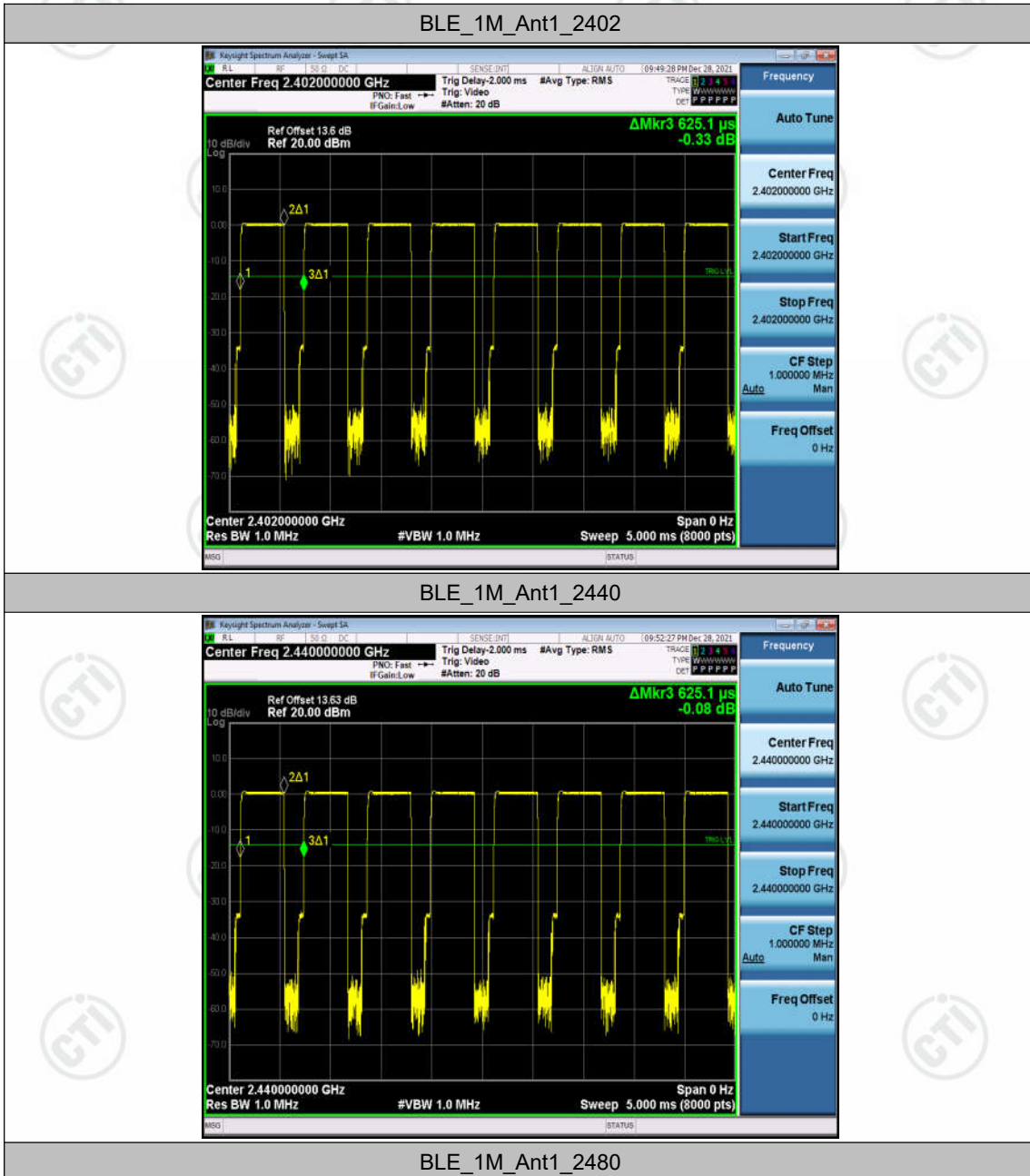


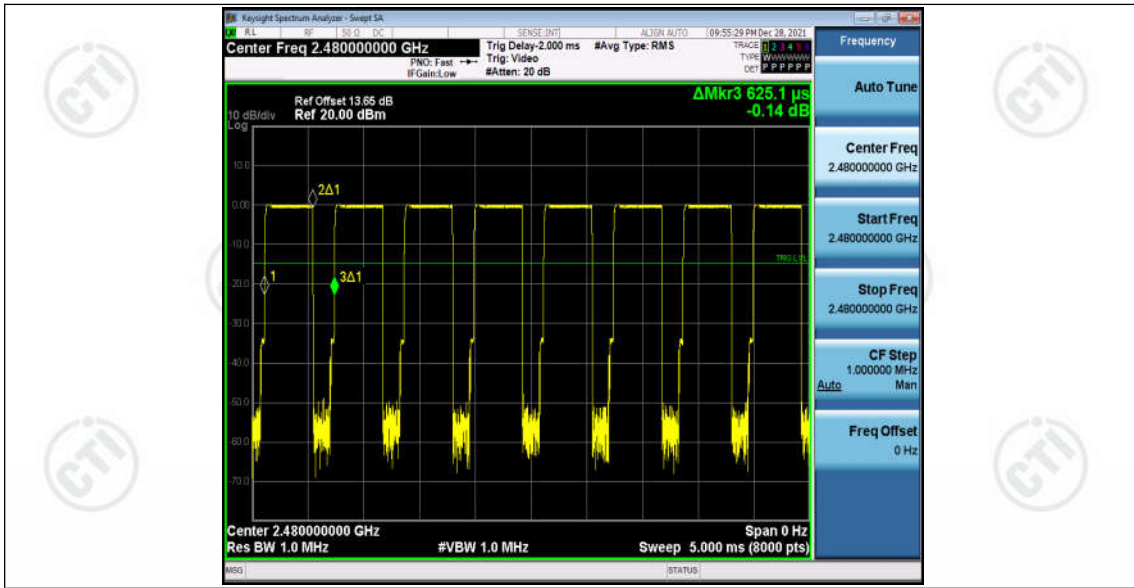
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.43	0.63	69.30	---	PASS
		2440	0.43	0.63	69.30	---	PASS
		2480	0.43	0.63	69.40	---	PASS

Test Graphs





*** End of Report ***