

Appendix: Bluetooth LE

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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	0.712	2401.644	2402.356	0.5	PASS
		2440	0.692	2439.660	2440.352	0.5	PASS
		2480	0.720	2479.648	2480.368	0.5	PASS

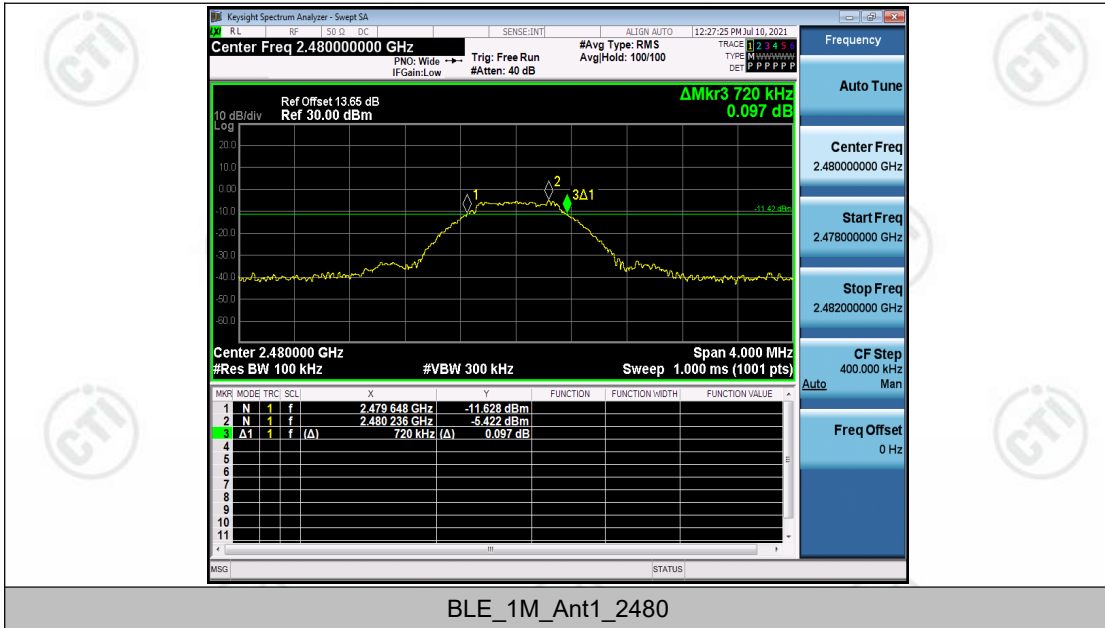
Test Graphs



BLE_1M_Ant1_2402



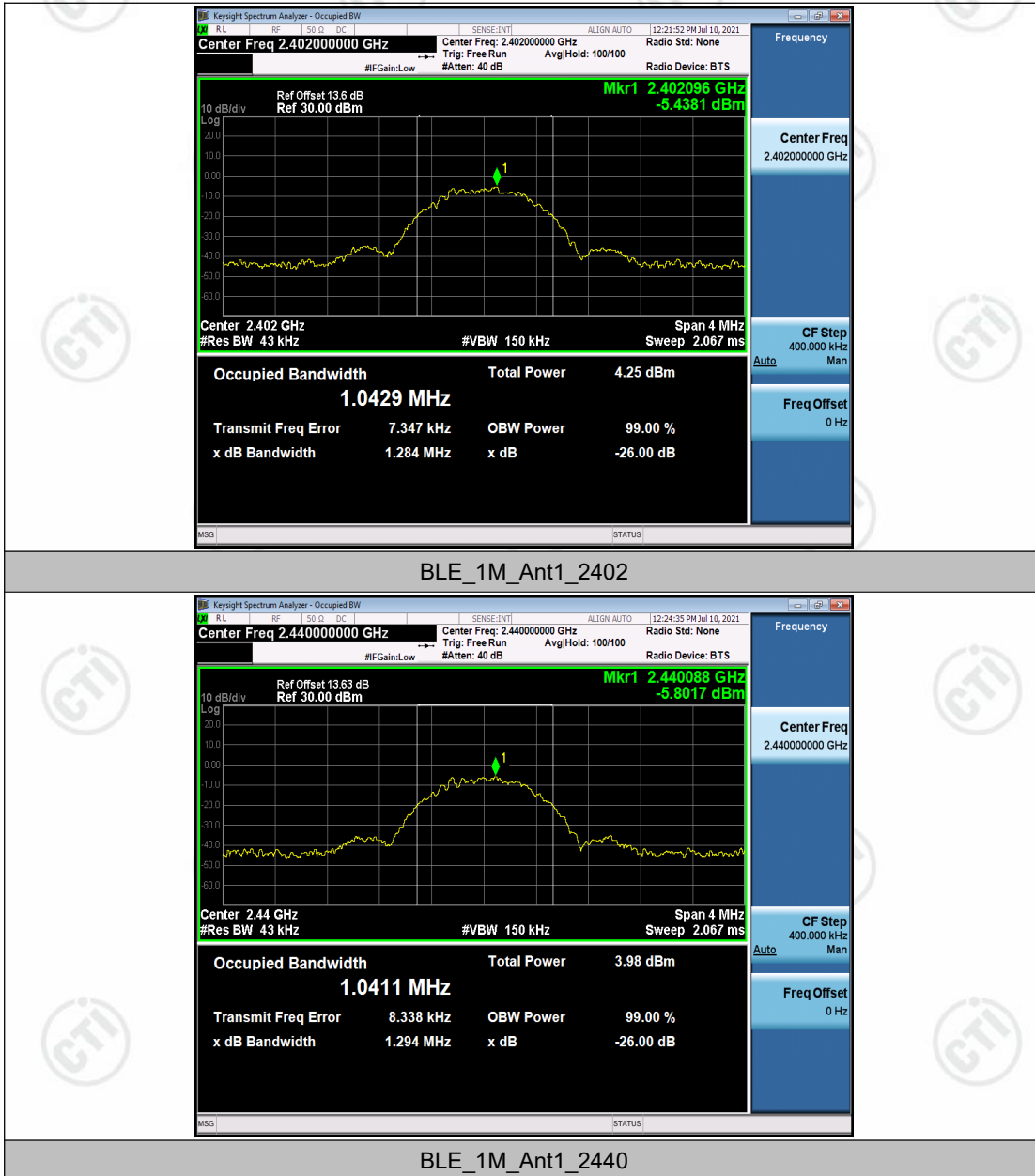
BLE_1M_Ant1_2440

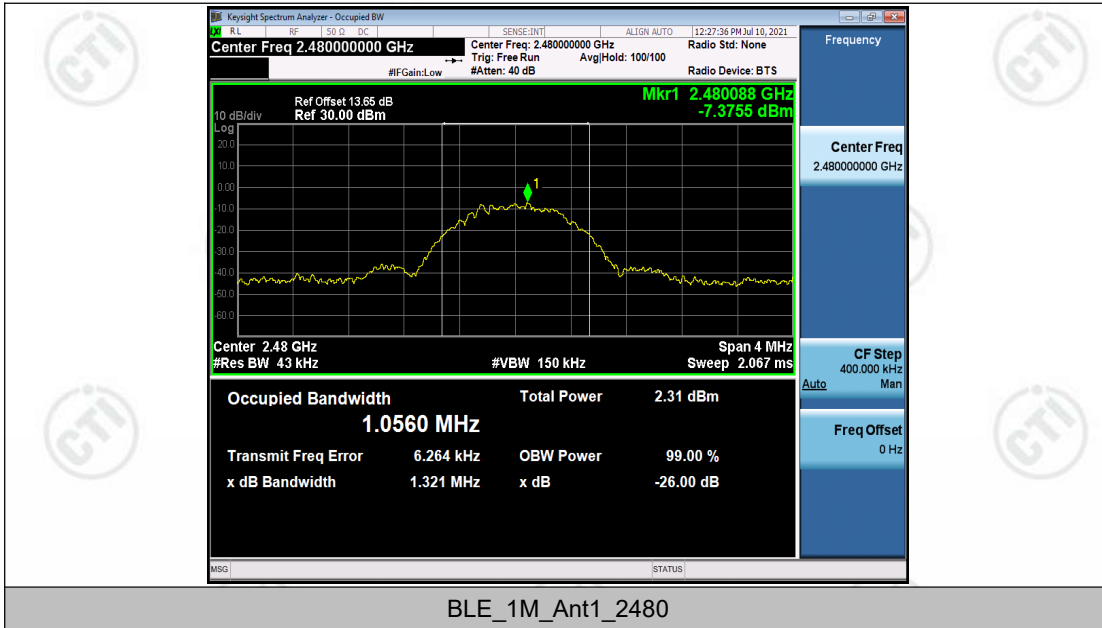


Appendix B: Occupied Channel Bandwidth**Test Result**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0429	2401.486	2402.529	---	PASS
		2440	1.0411	2439.488	2440.529	---	PASS
		2480	1.0560	2479.478	2480.534	---	PASS

Test Graphs

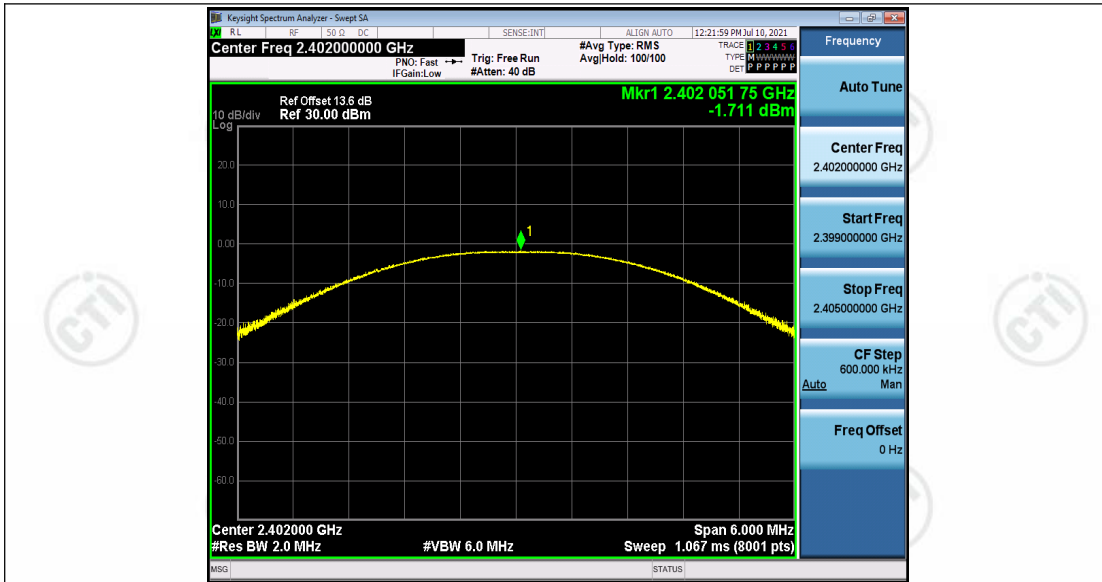




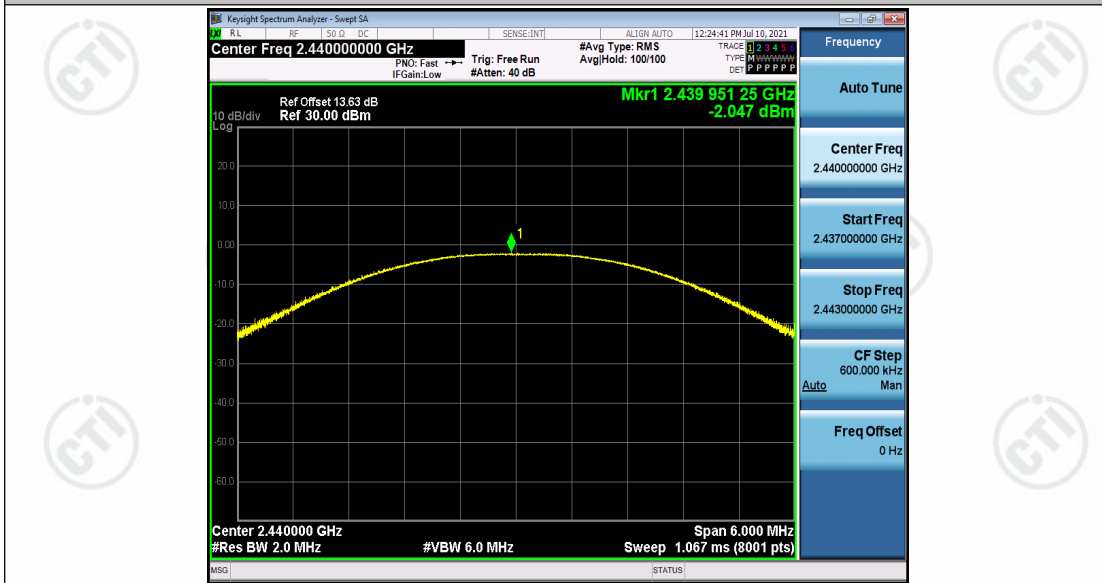
Appendix C: Maximum conducted output power**Test Result**

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.71	<=30	PASS
		2440	-2.05	<=30	PASS
		2480	-3.5	<=30	PASS

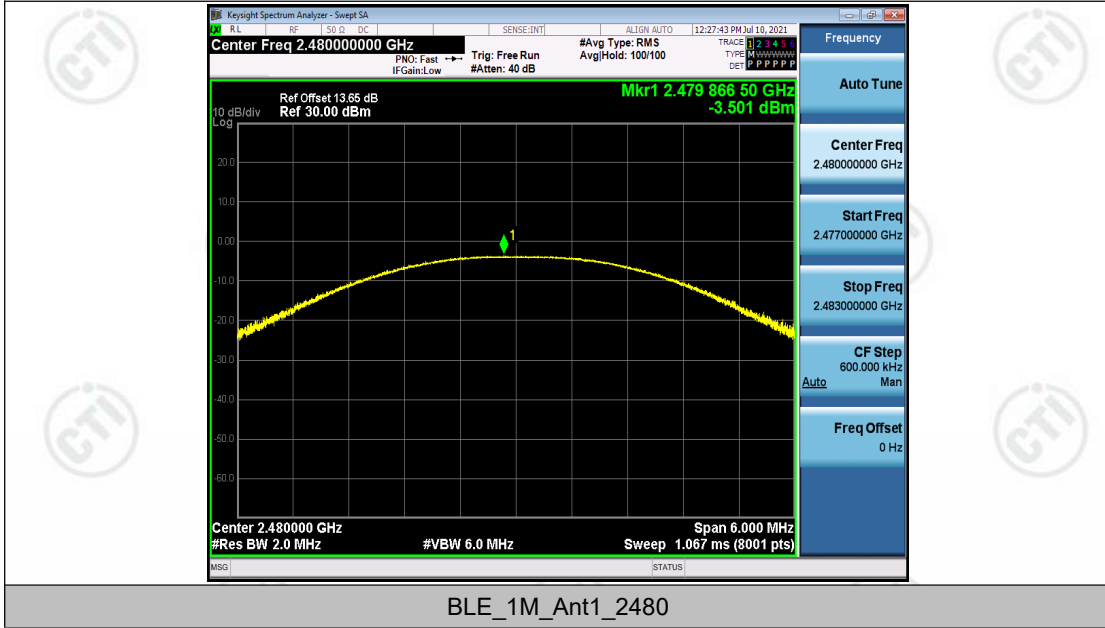
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

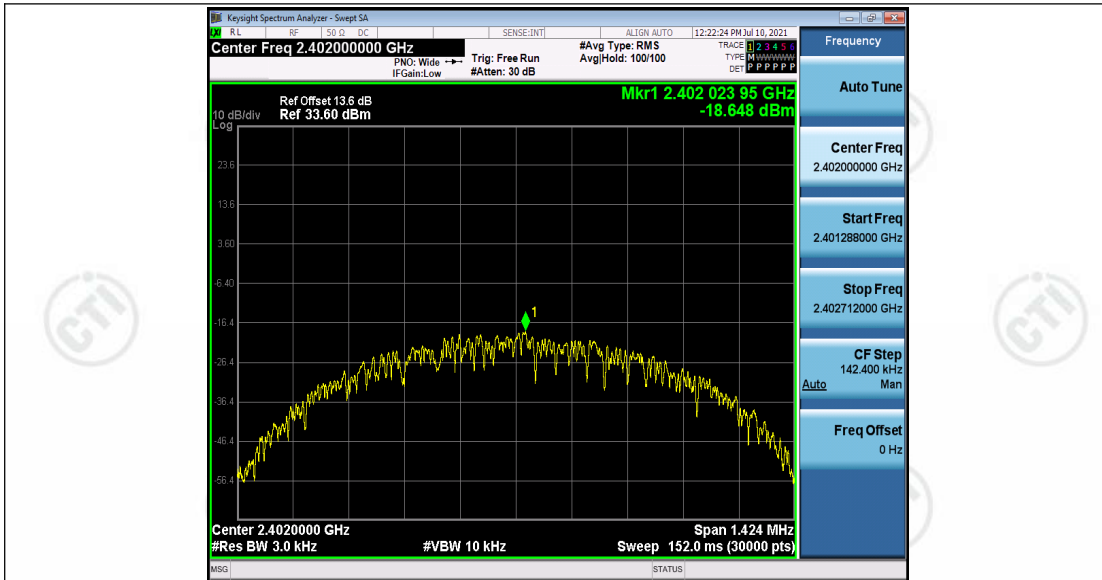


BLE_1M_Ant1_2480

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

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.65	<=8	PASS
		2440	-19.07	<=8	PASS
		2480	-20.77	<=8	PASS

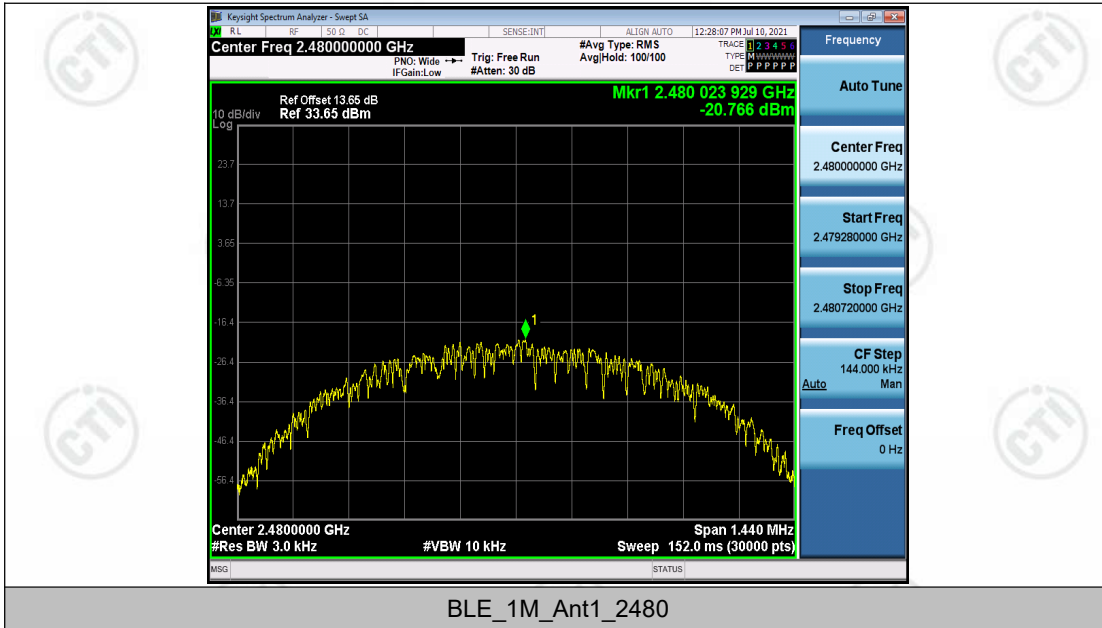
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

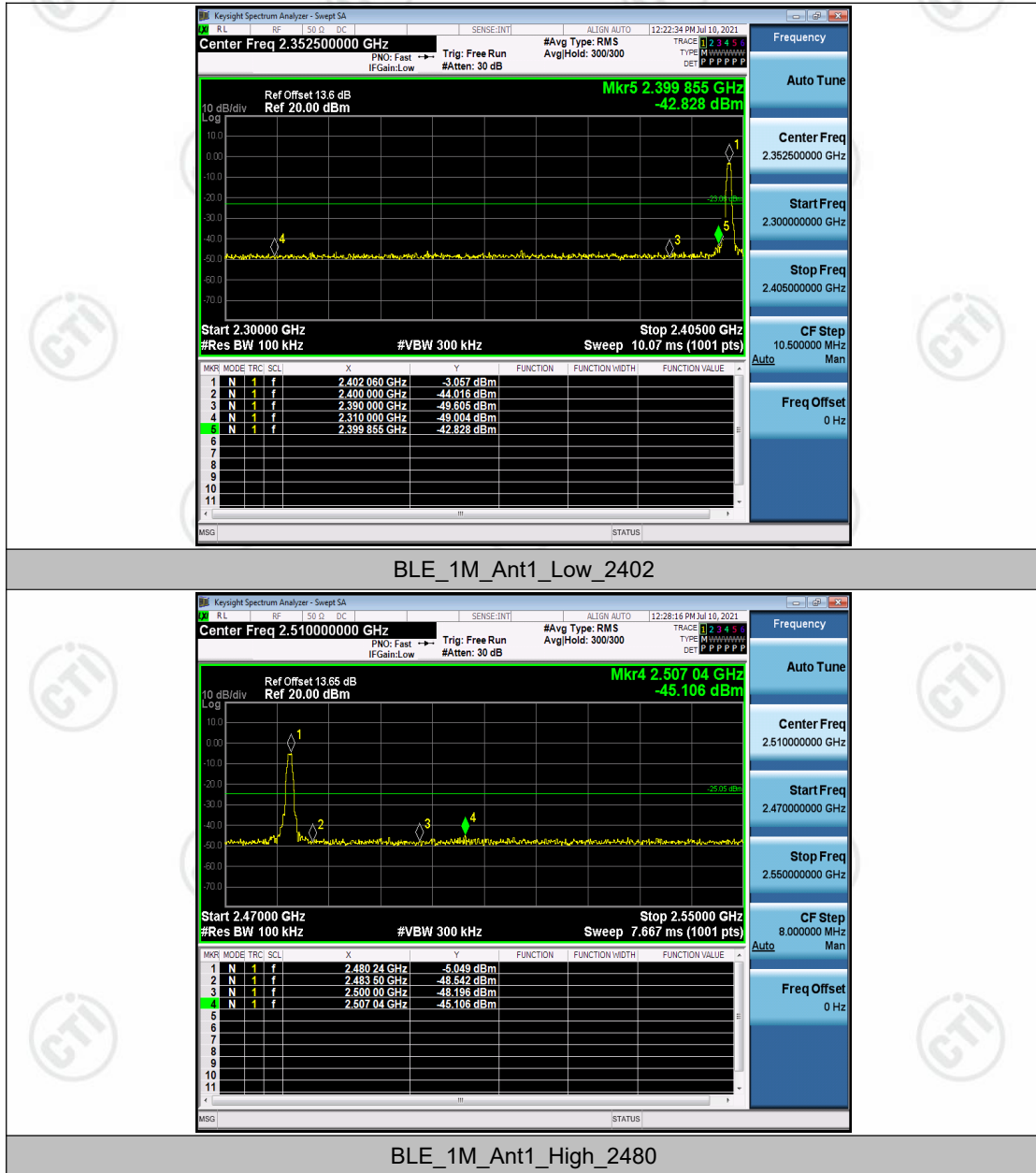


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.06	-42.83	<=-23.06	PASS
		High	2480	-5.05	-45.11	<=-25.05	PASS

Test Graphs

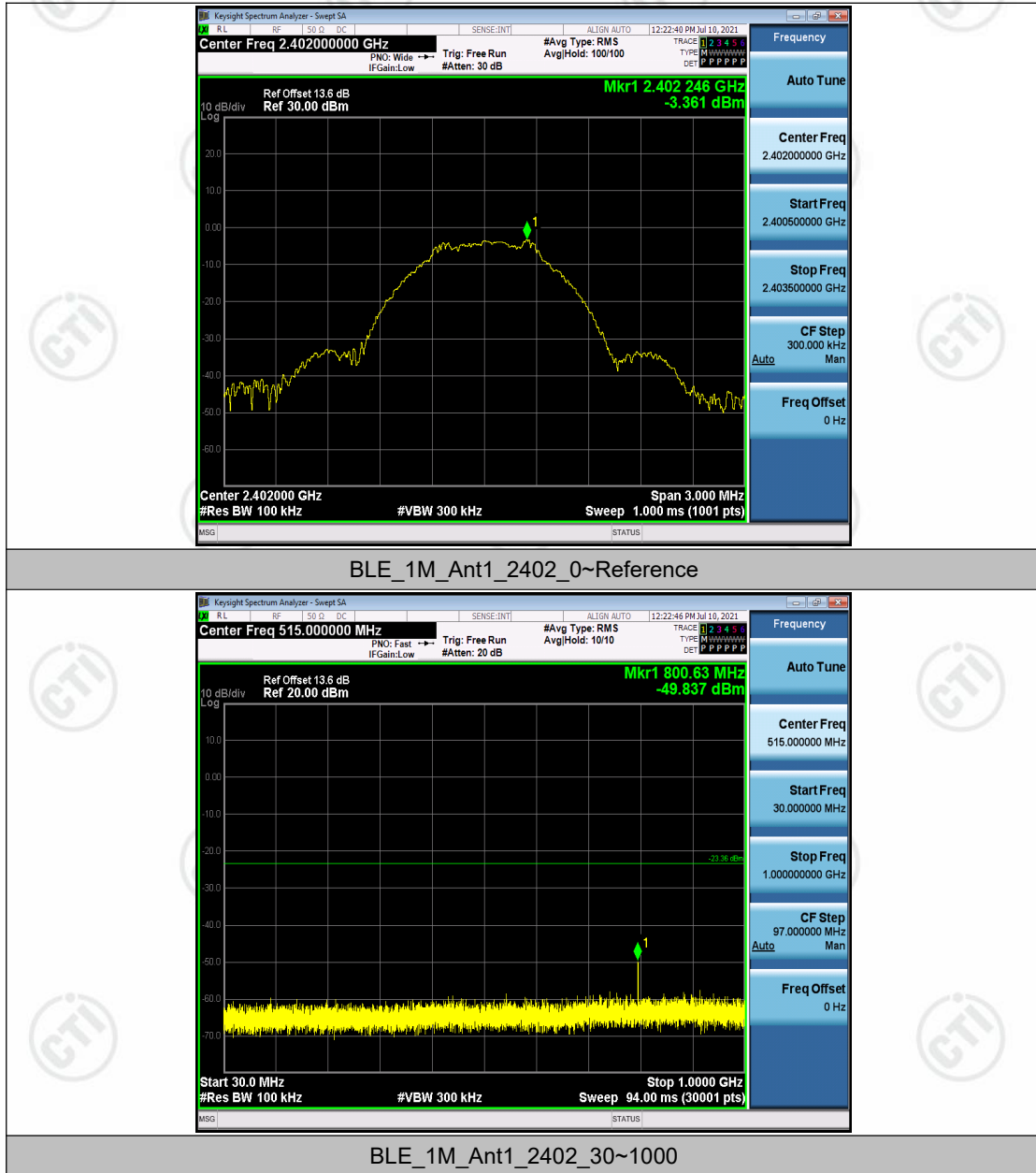


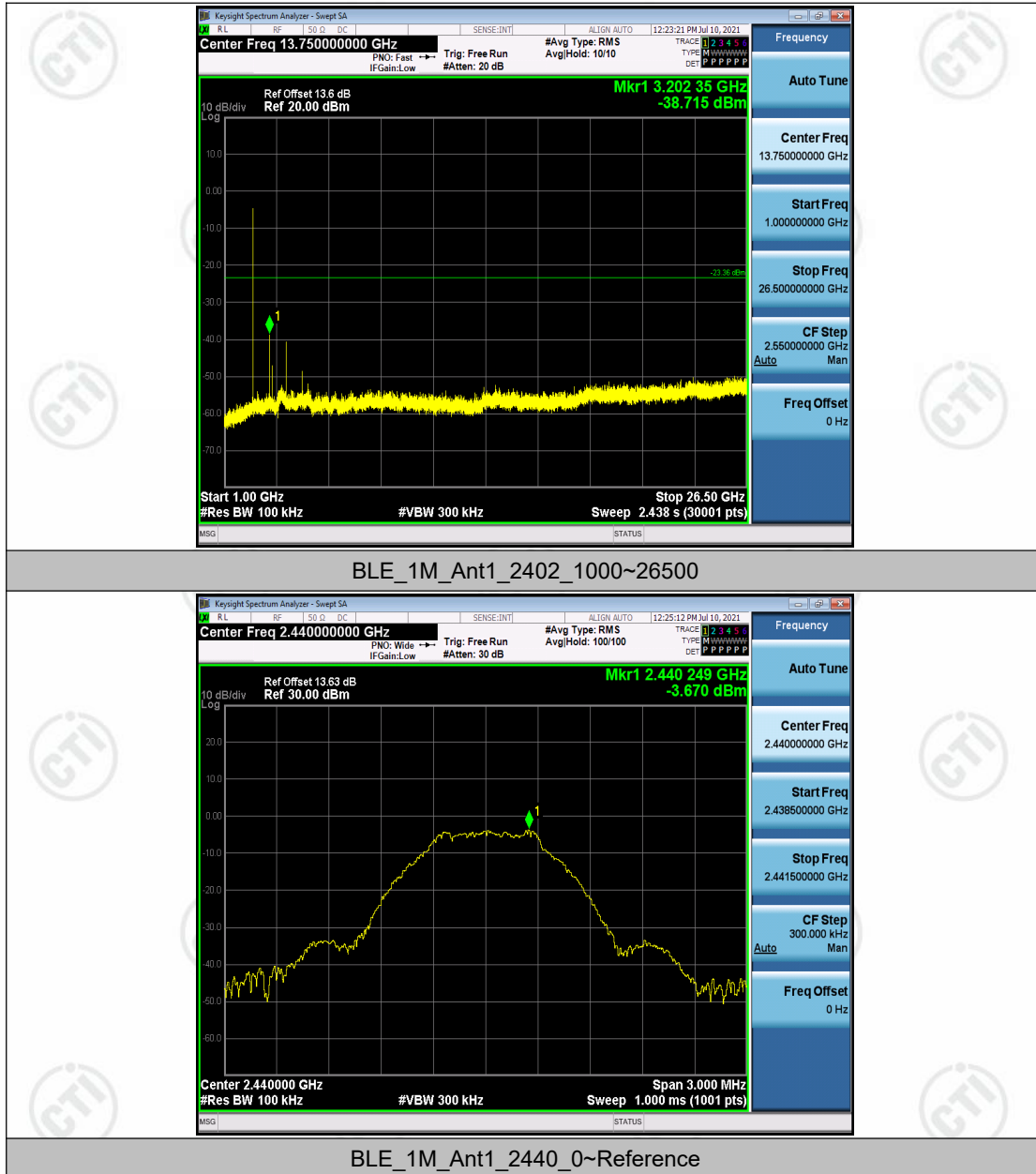
Appendix F: Conducted Spurious Emission

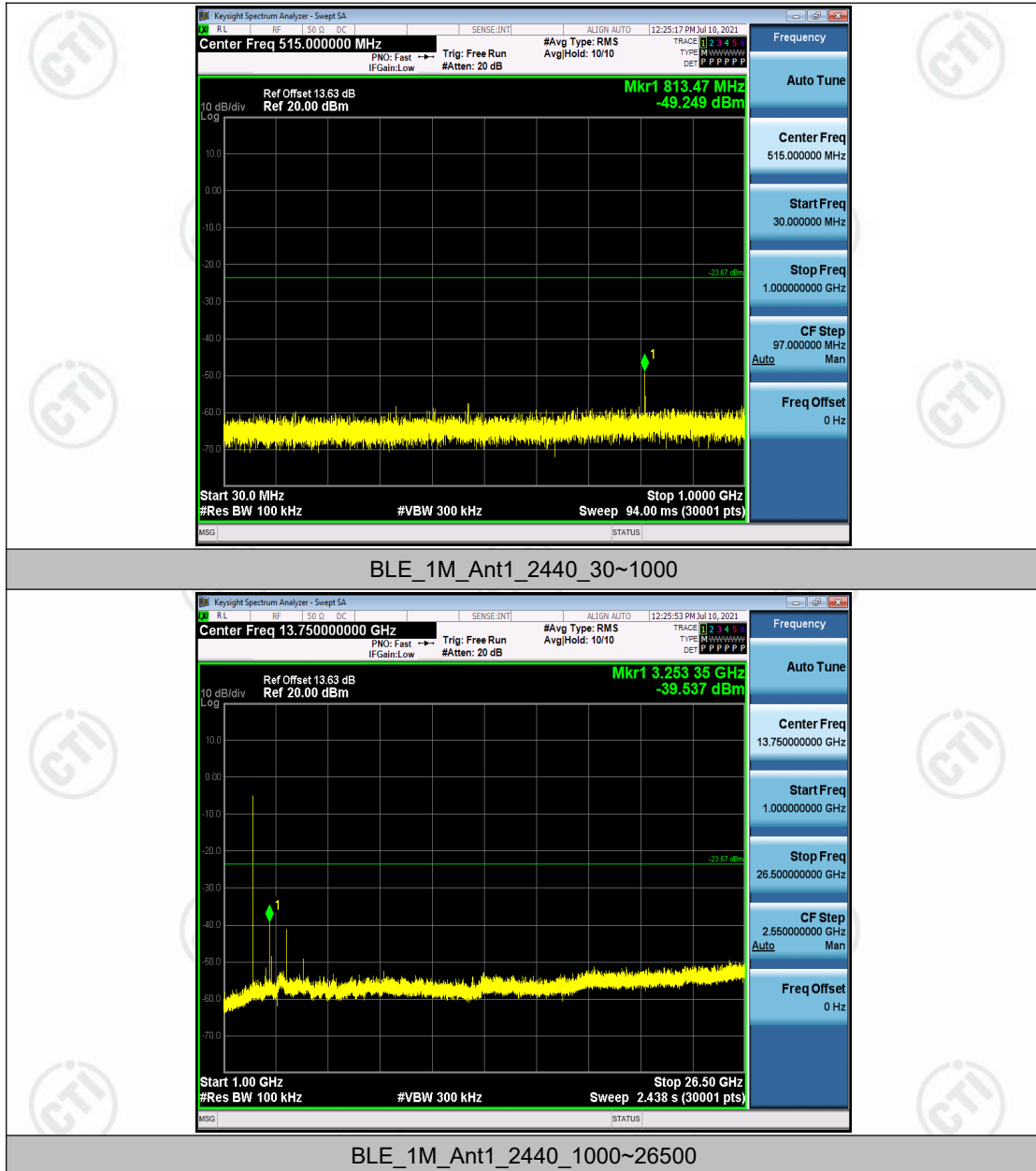
Test Result

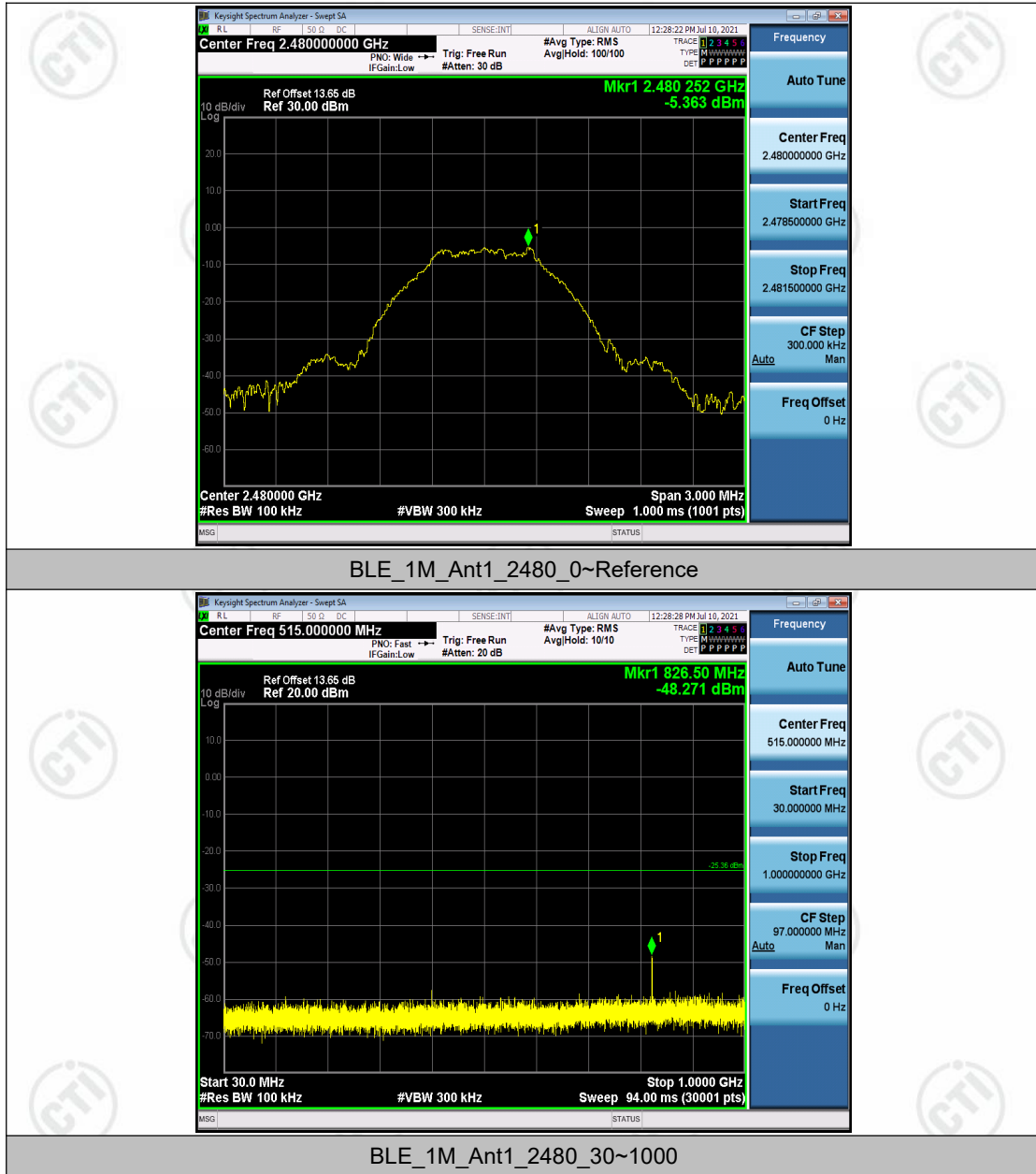
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.36	-3.36	---	PASS
			30~1000	30~1000	-49.837	<=-23.361	PASS
			1000~26500	1000~26500	-38.715	<=-23.361	PASS
		2440	Reference	-3.67	-3.67	---	PASS
			30~1000	30~1000	-49.249	<=-23.67	PASS
			1000~26500	1000~26500	-39.537	<=-23.67	PASS
		2480	Reference	-5.36	-5.36	---	PASS
			30~1000	30~1000	-48.271	<=-25.363	PASS
			1000~26500	1000~26500	-41.57	<=-25.363	PASS

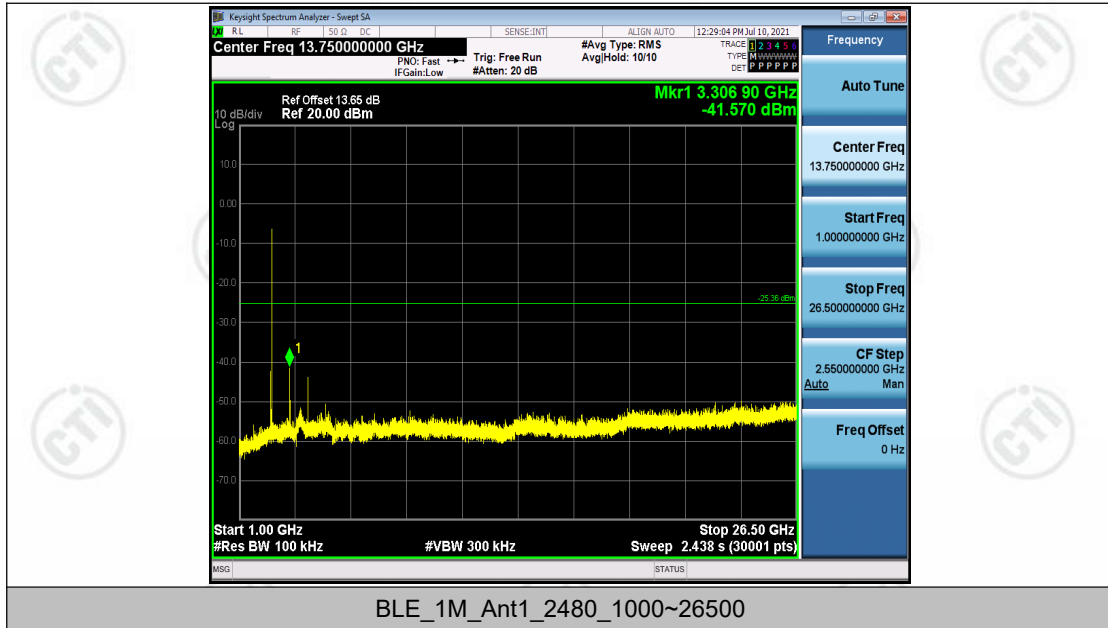
Test Graphs









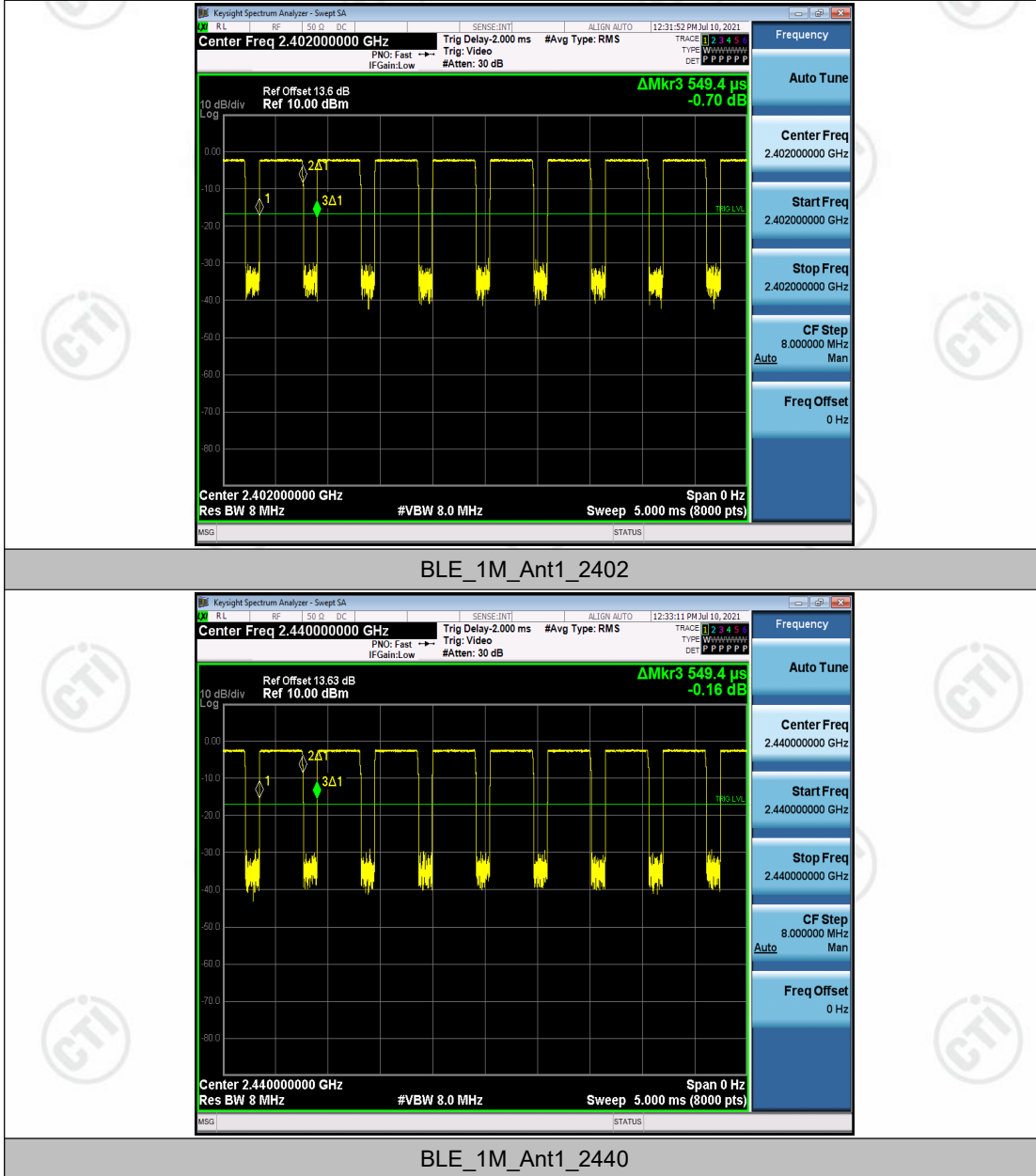


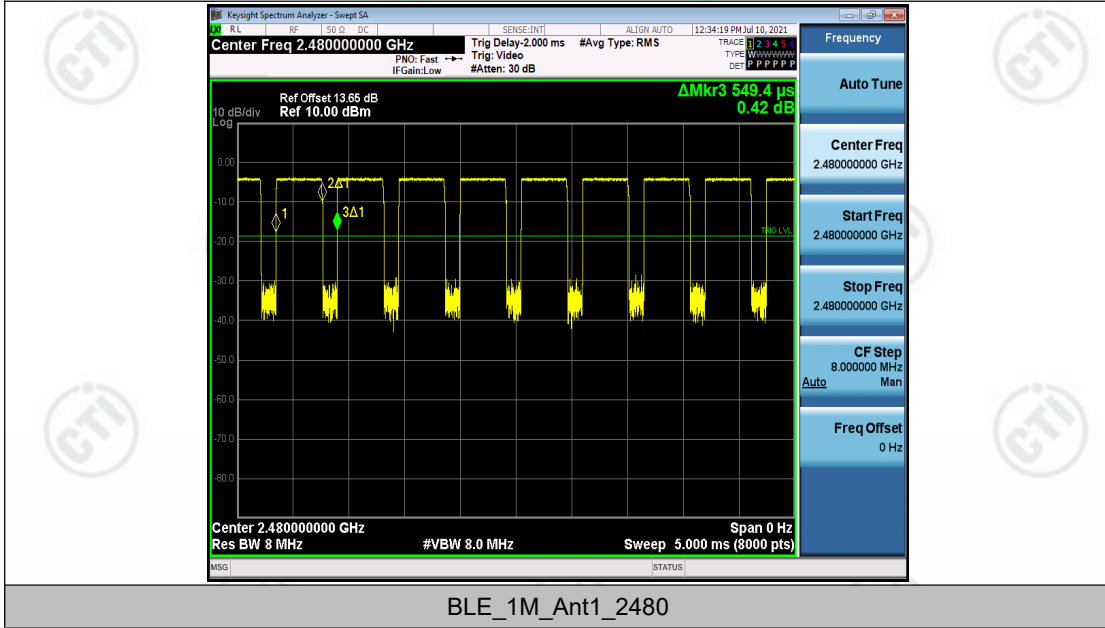
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.42	0.55	75.88	---	PASS
		2440	0.42	0.55	75.88	---	PASS
		2480	0.42	0.55	75.88	---	PASS

Test Graphs





BLE_1M_Ant1_2480