

Appendix: Bluetooth LE

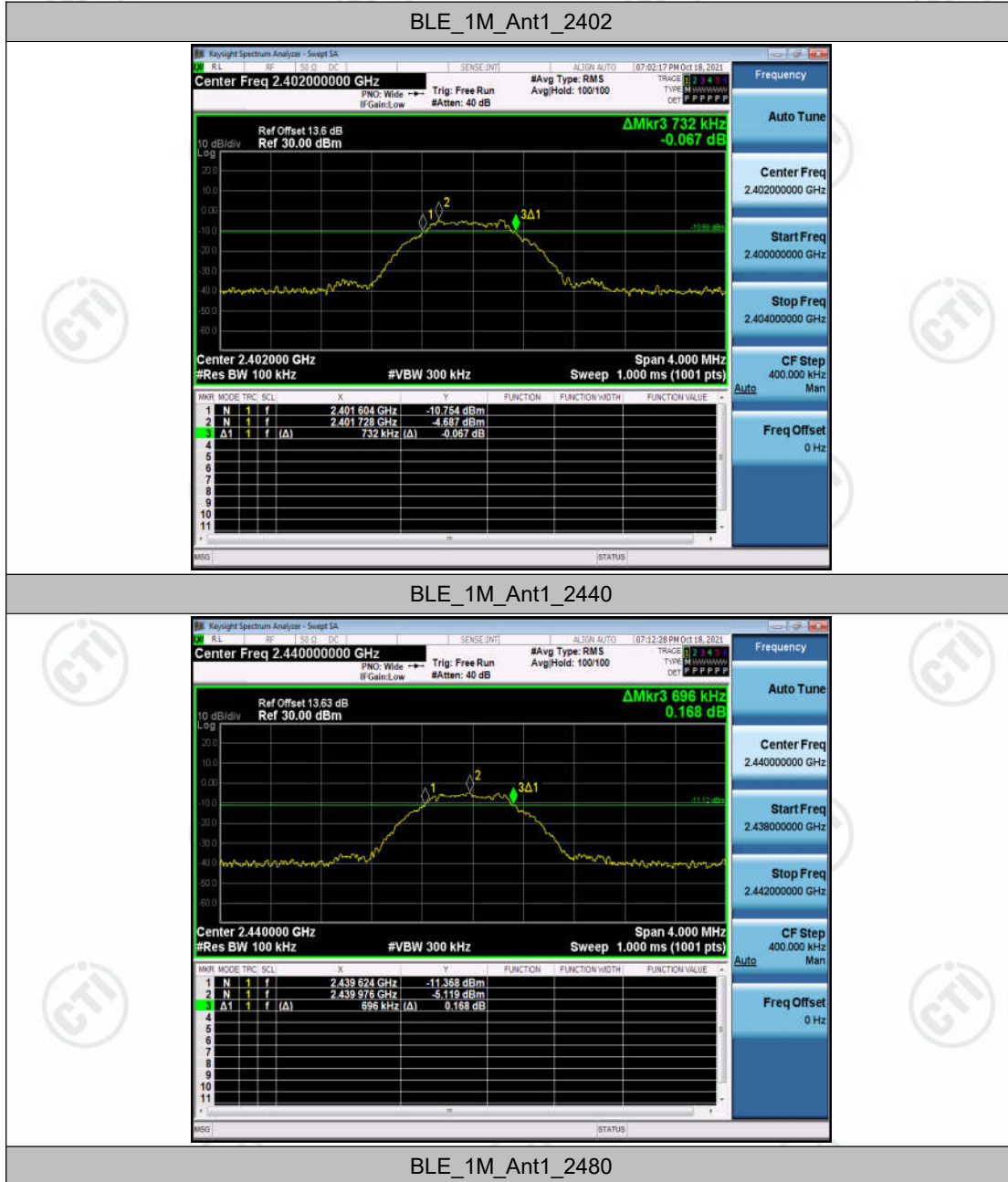
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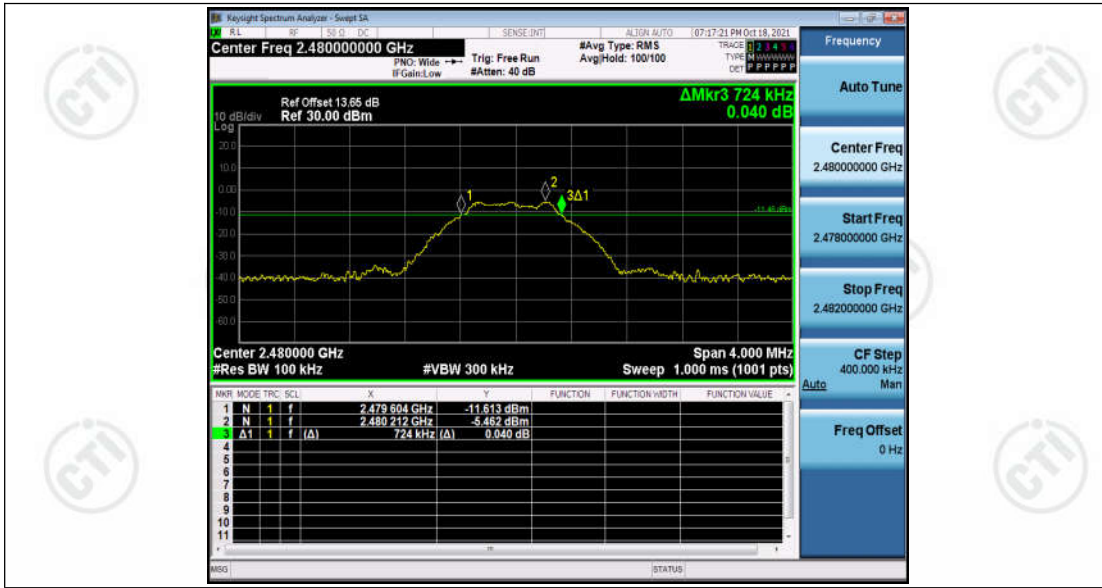
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Appendix A: DTS Bandwidth**Test Result**

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.732	2401.604	2402.336	0.5	PASS
		2440	0.696	2439.624	2440.320	0.5	PASS
		2480	0.724	2479.604	2480.328	0.5	PASS

Test Graphs

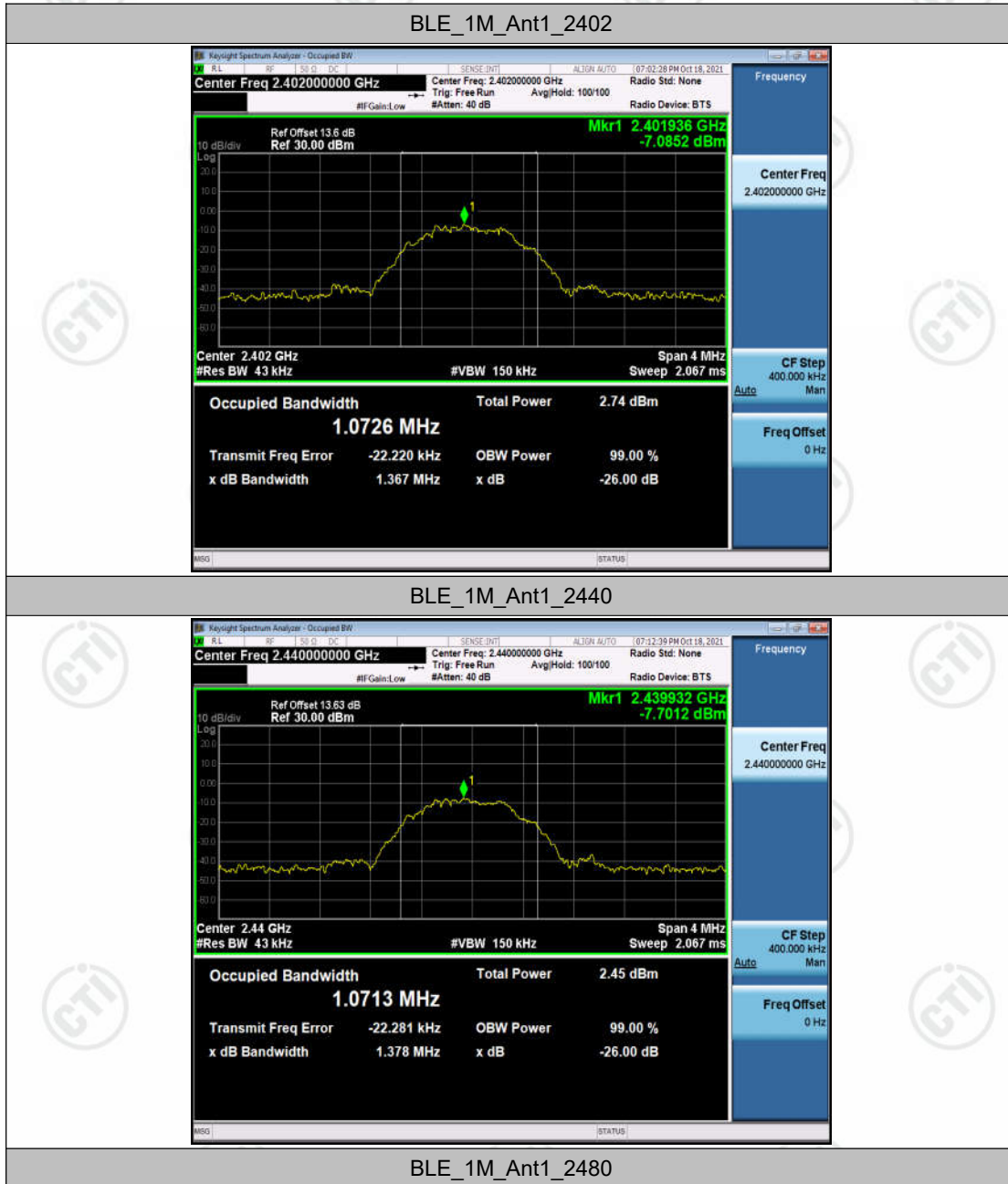




Appendix B: Occupied Channel Bandwidth**Test Result**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0726	2401.441	2402.514	---	PASS
		2440	1.0713	2439.442	2440.513	---	PASS
		2480	1.0722	2479.441	2480.513	---	PASS

Test Graphs

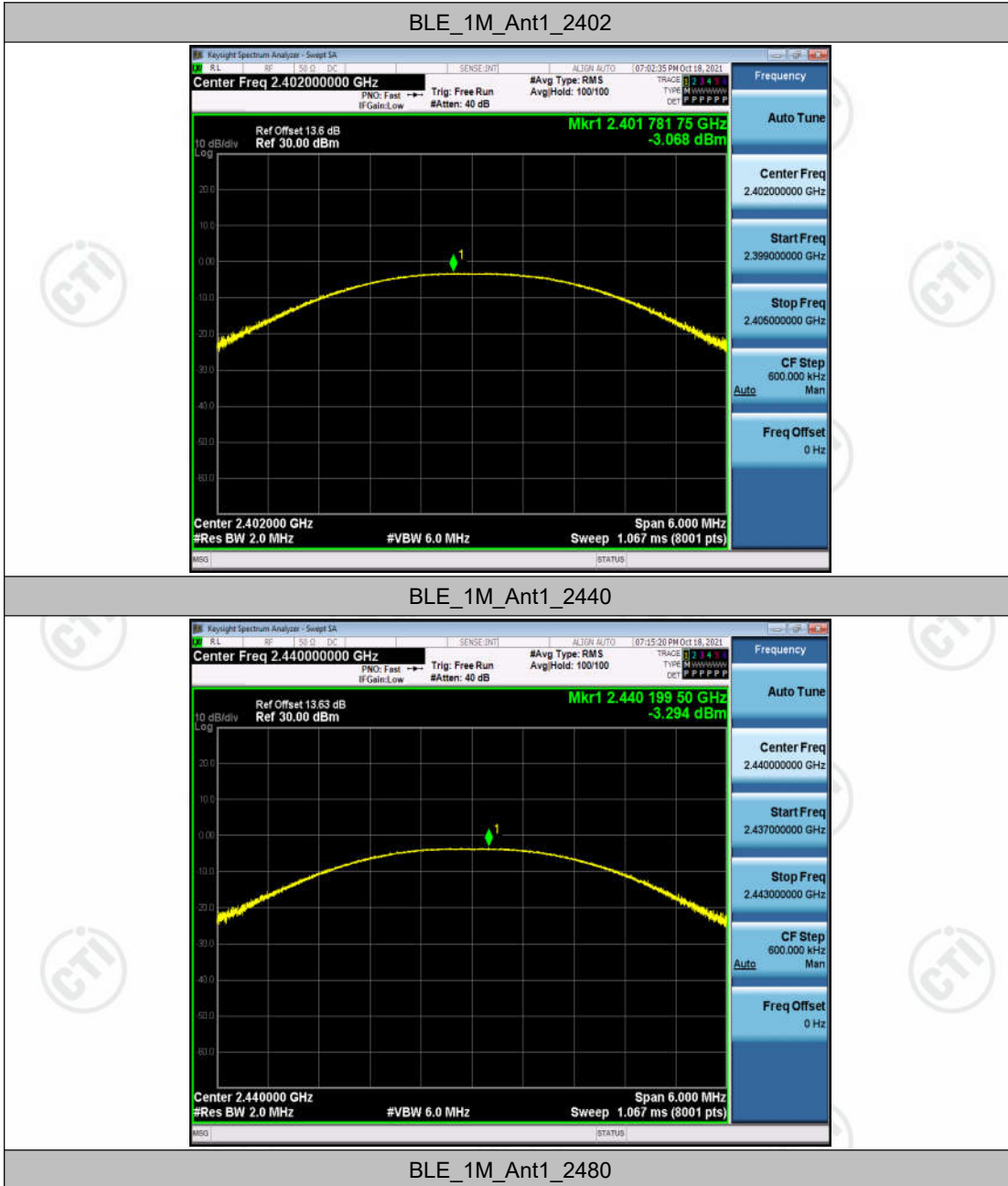


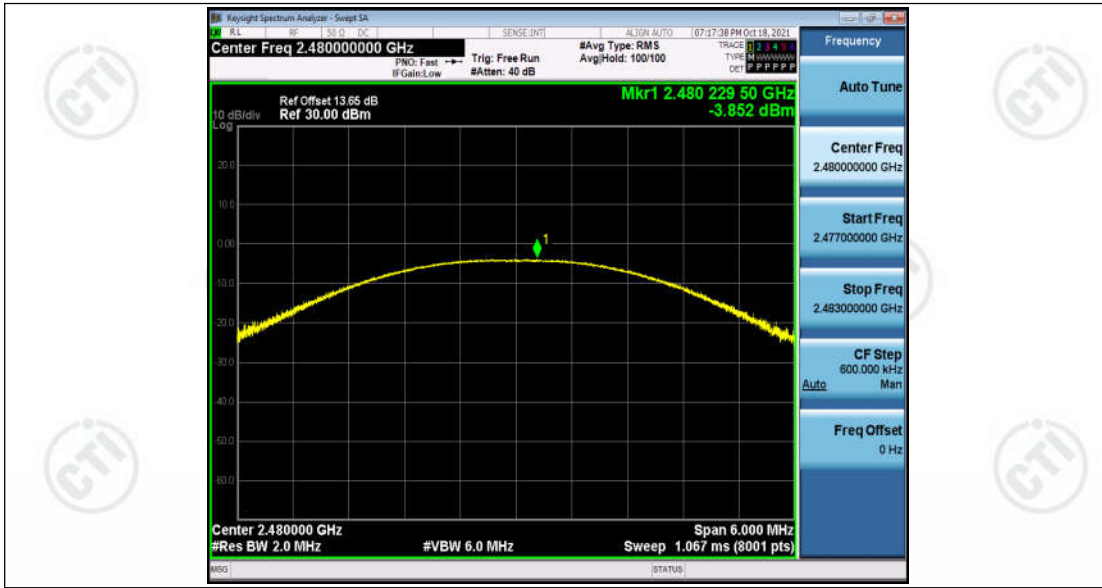


Appendix C: Maximum conducted output power**Test Result**

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.07	<=30	PASS
		2440	-3.29	<=30	PASS
		2480	-3.85	<=30	PASS

Test Graphs

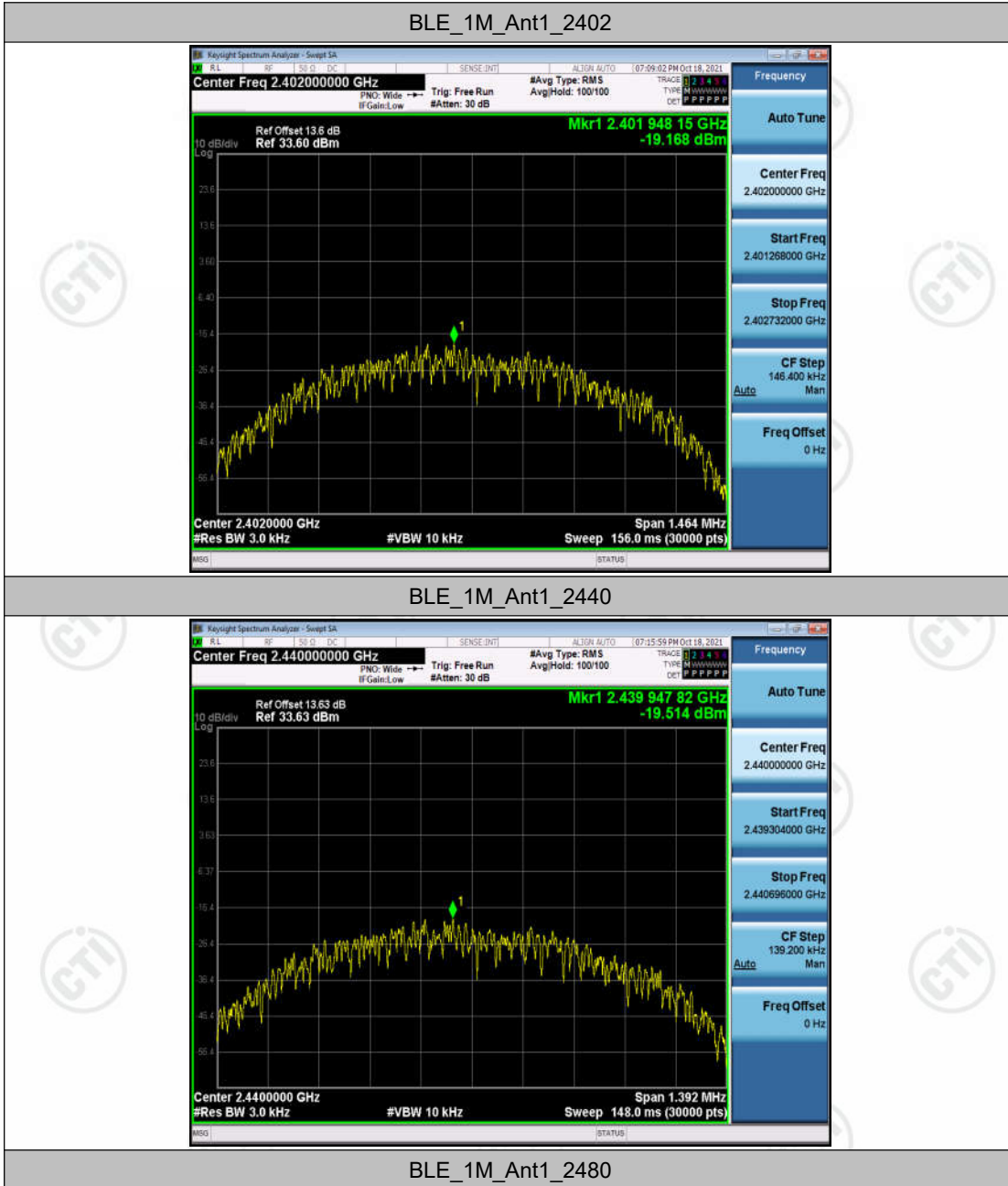


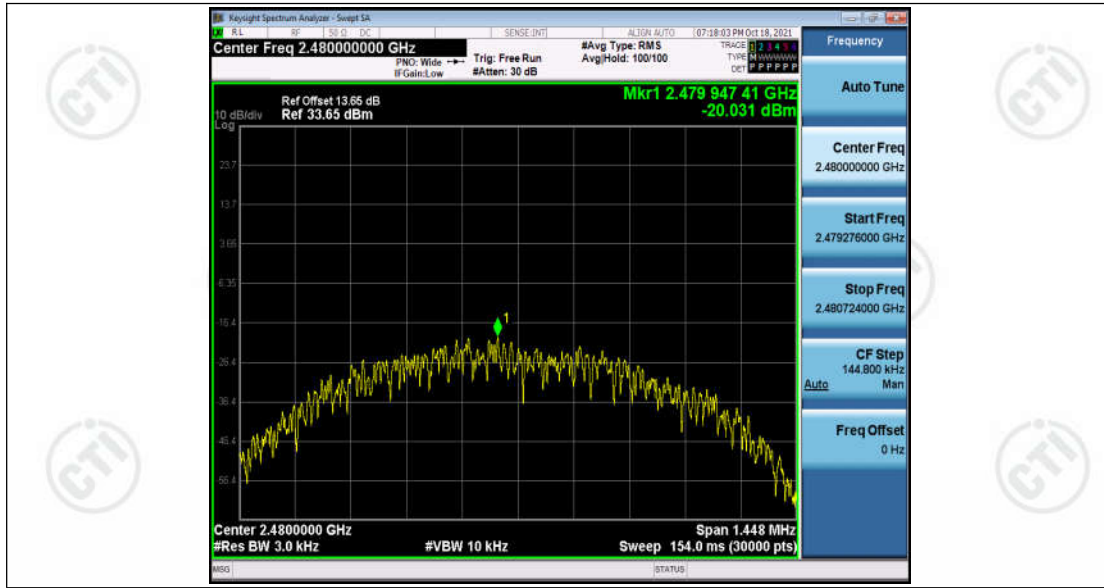


Appendix D: Maximum power spectral density**Test Result**

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.17	<=8	PASS
		2440	-19.51	<=8	PASS
		2480	-20.03	<=8	PASS

Test Graphs



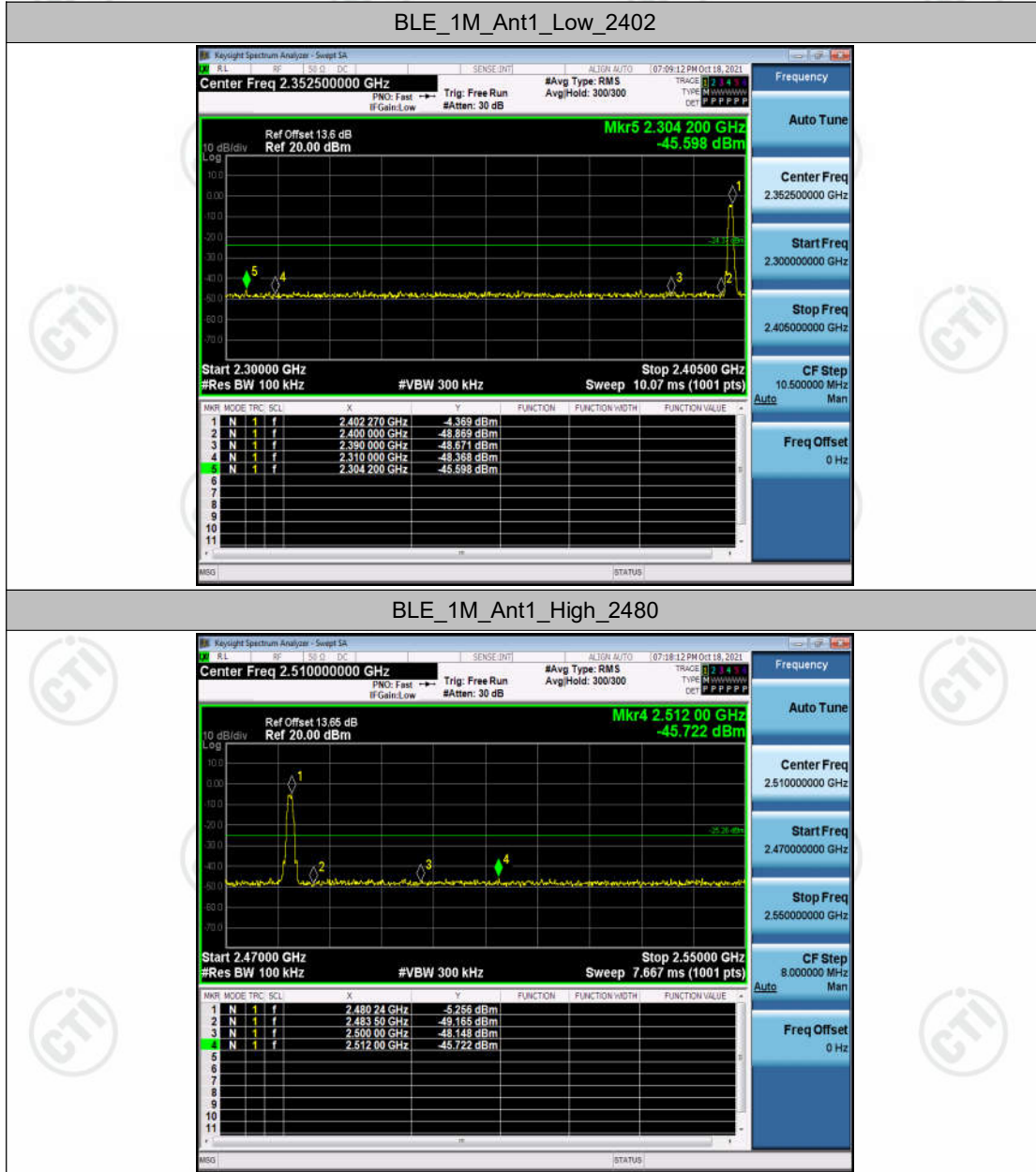


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-4.37	-45.6	<=-24.37	PASS
		High	2480	-5.26	-45.72	<=-25.26	PASS

Test Graphs

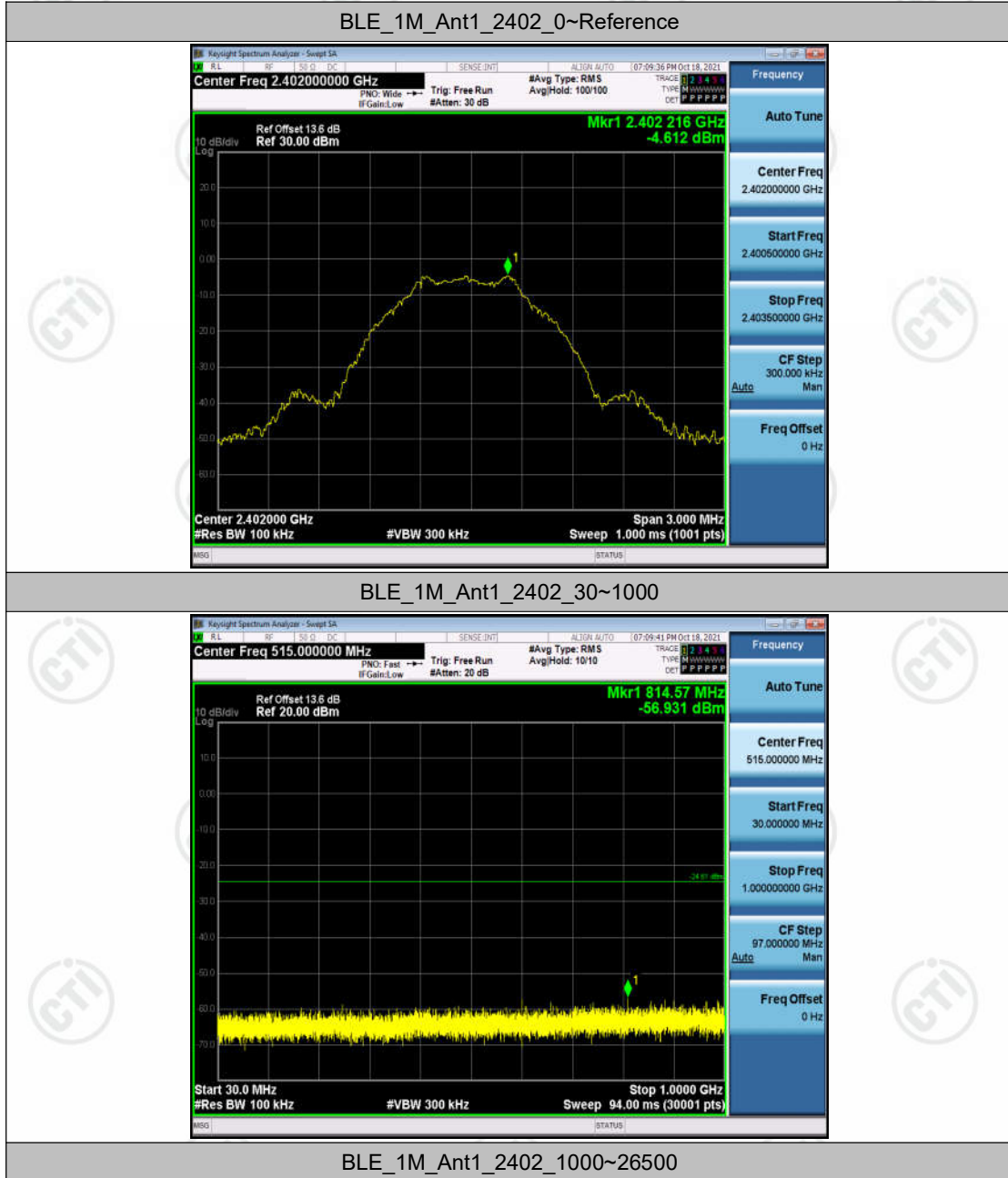


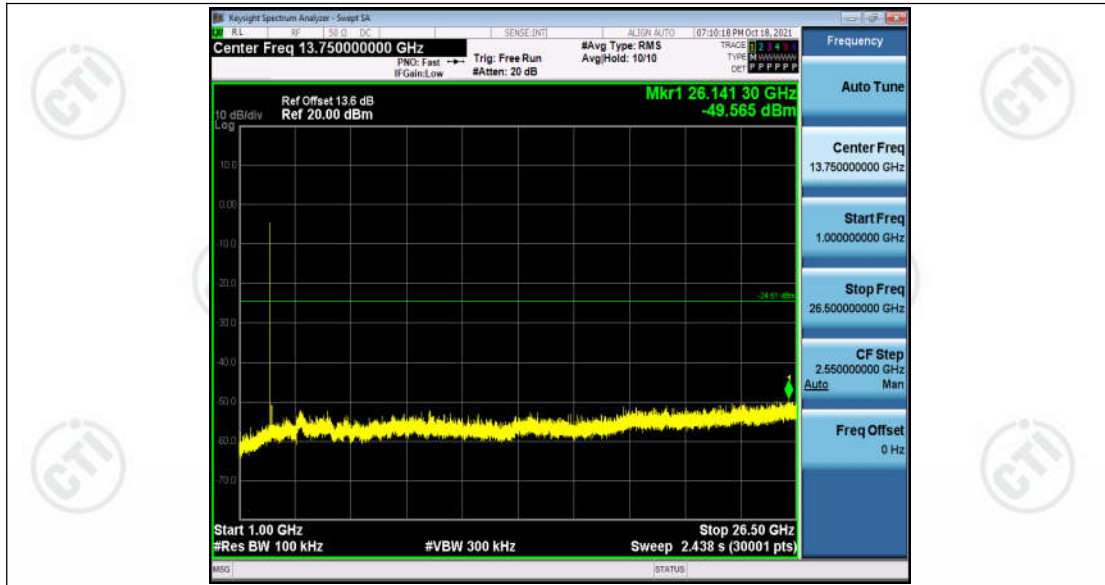
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict	
BLE_1M	Ant1	2402	Reference	-4.61	-4.61	---	PASS	
			30~1000	30~1000	-56.931	<=-24.612	PASS	
			1000~26500	1000~26500	-49.565	<=-24.612	PASS	
		2440	2440	Reference	-4.99	-4.99	---	PASS
				30~1000	30~1000	-58.126	<=-24.988	PASS
				1000~26500	1000~26500	-49.215	<=-24.988	PASS
		2480	2480	Reference	-5.50	-5.50	---	PASS
				30~1000	30~1000	-57.067	<=-25.498	PASS
				1000~26500	1000~26500	-48.684	<=-25.498	PASS

Test Graphs

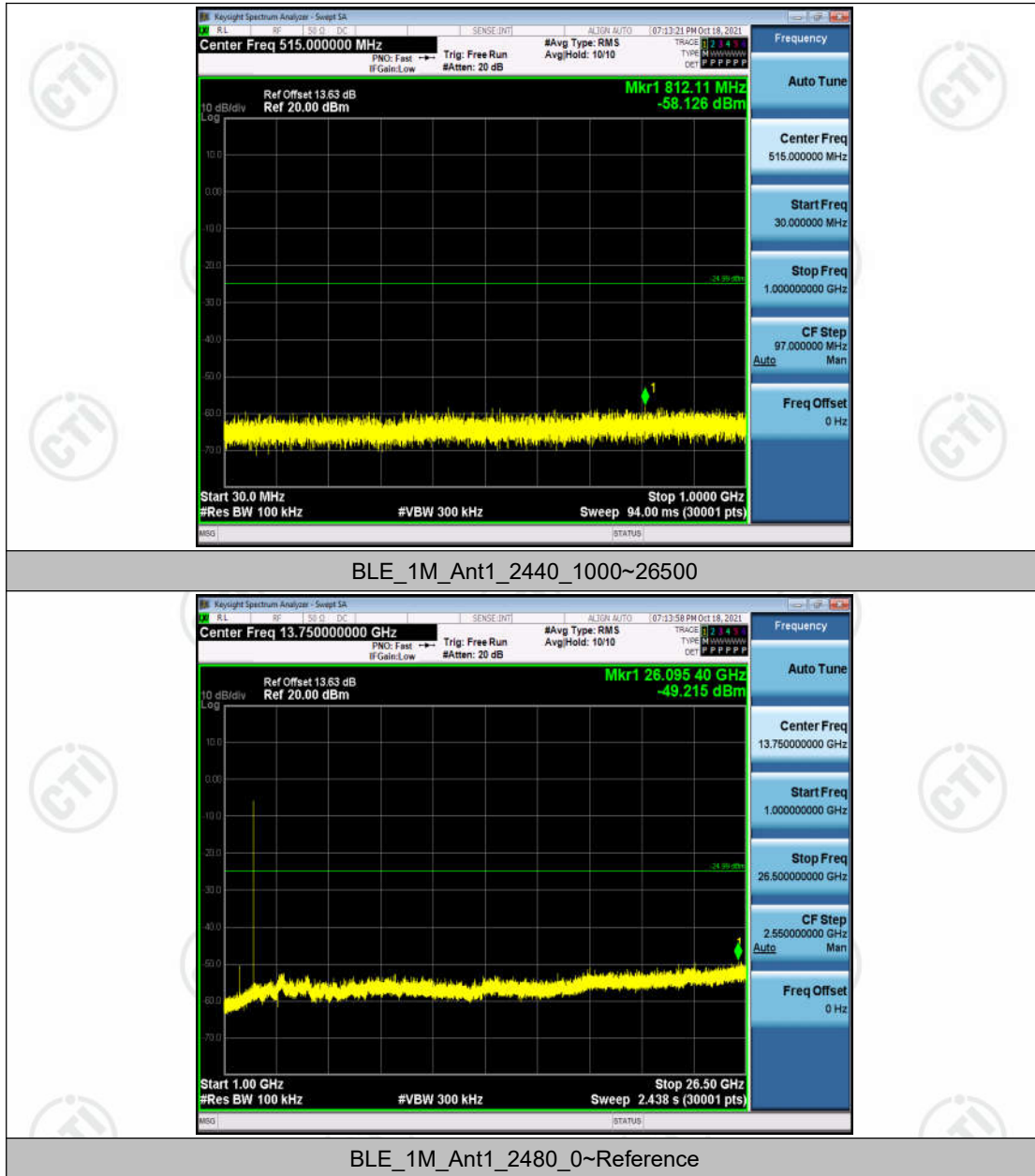




BLE_1M_Ant1_2440_0~Reference

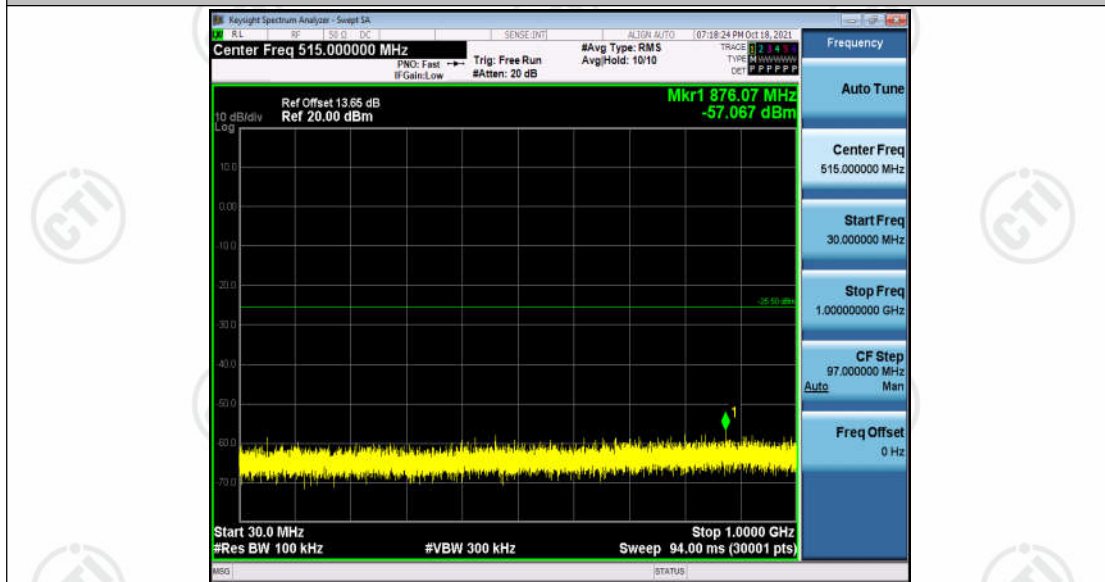


BLE_1M_Ant1_2440_30~1000

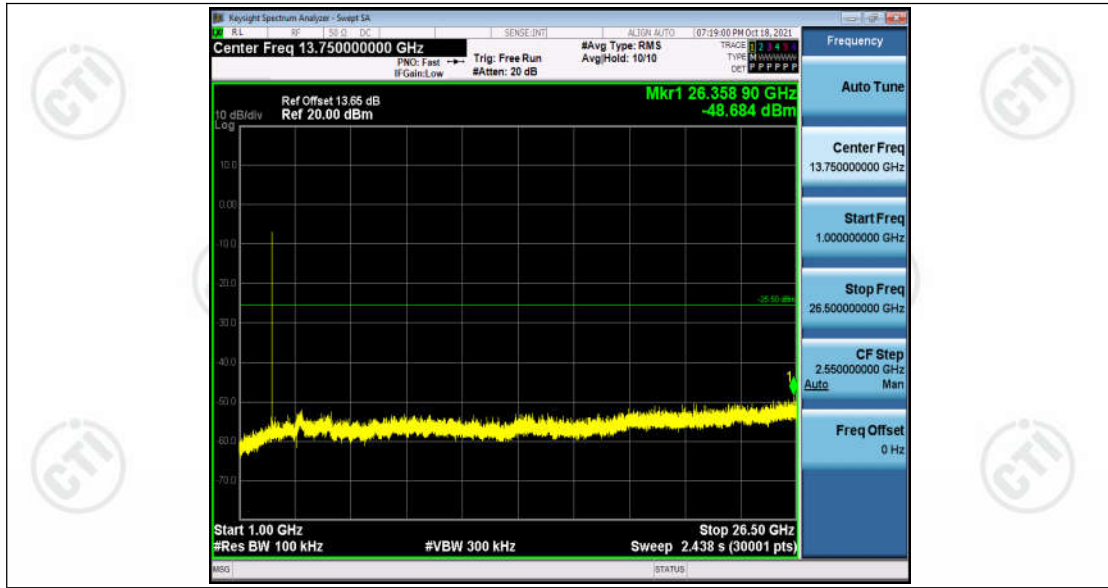




BLE_1M_Ant1_2480_30~1000



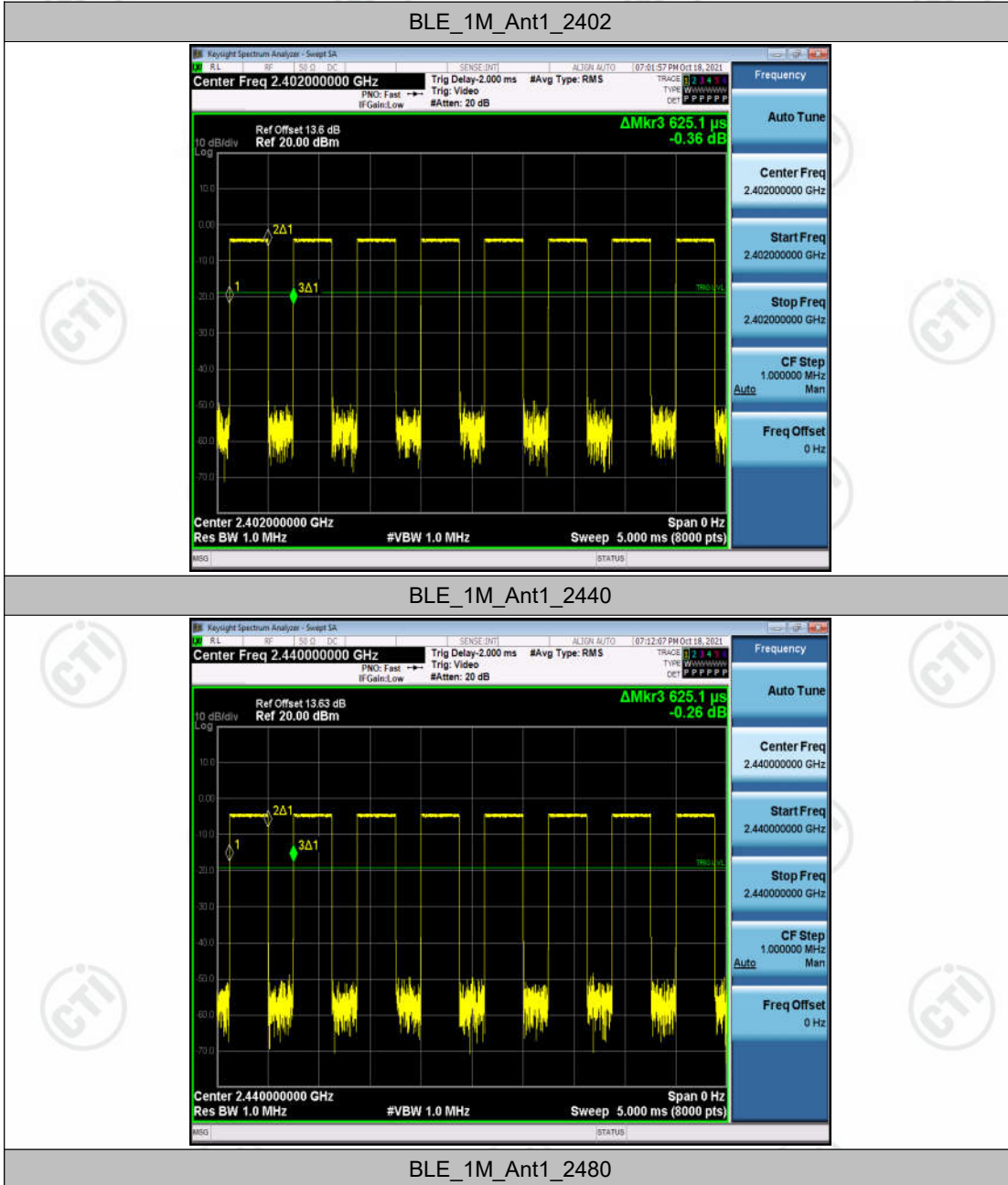
BLE_1M_Ant1_2480_1000~26500

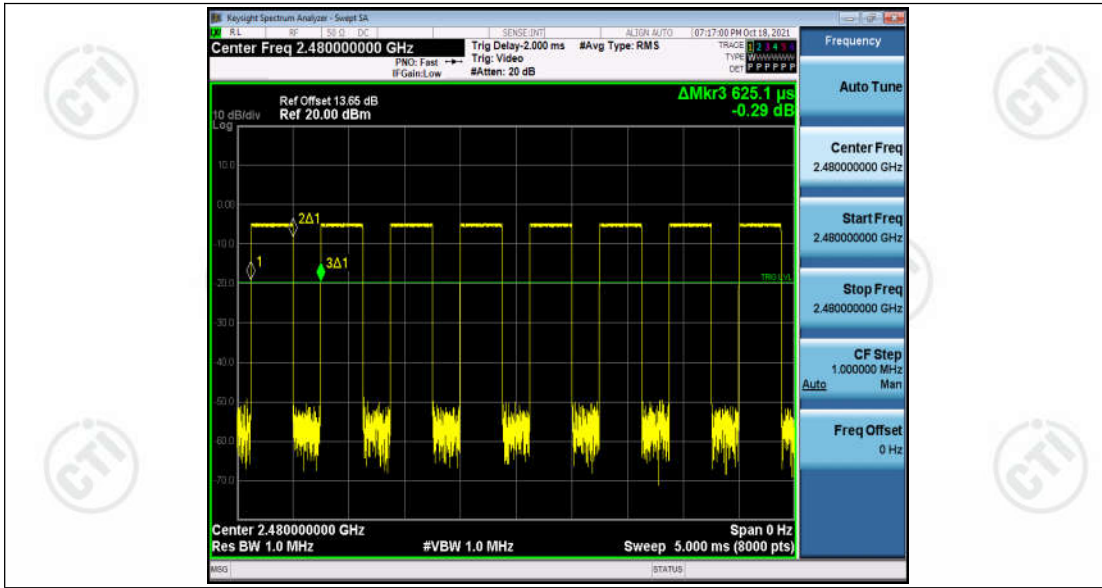


Appendix G: Duty Cycle**Test Result**

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.38	0.63	60.60	---	PASS
		2440	0.38	0.63	60.60	---	PASS
		2480	0.38	0.63	60.60	---	PASS

Test Graphs





*** End of Report ***