

Appendix: Bluetooth LE

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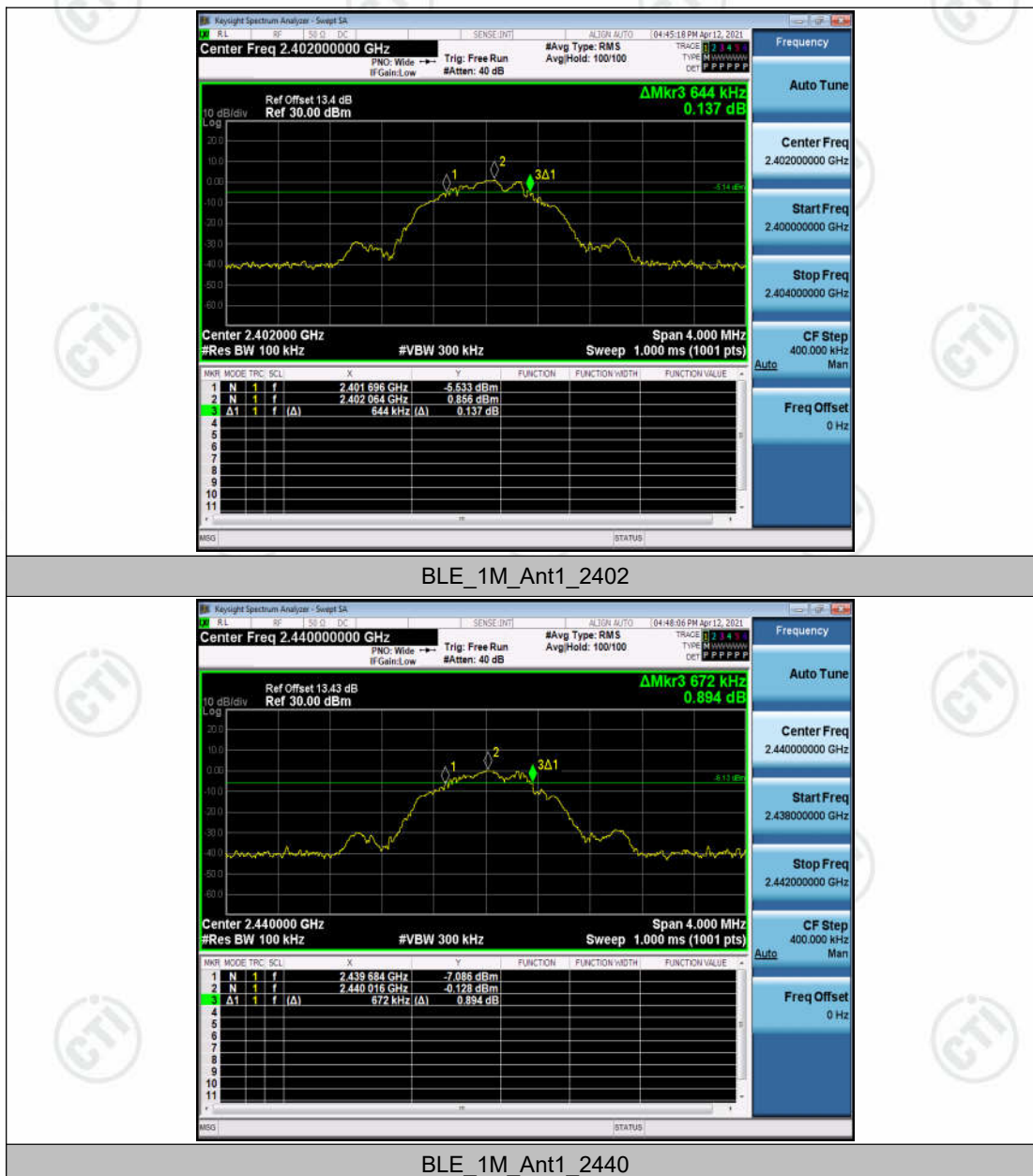
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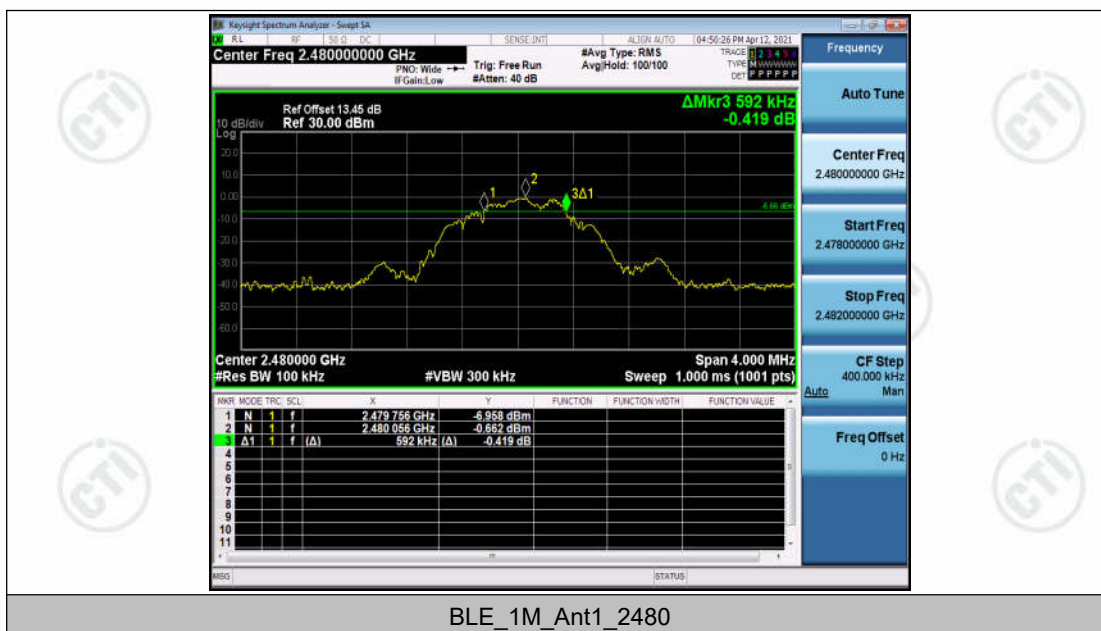
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.644	2401.696	2402.340	0.5	PASS
		2440	0.672	2439.684	2440.356	0.5	PASS
		2480	0.592	2479.756	2480.348	0.5	PASS

Test Graphs



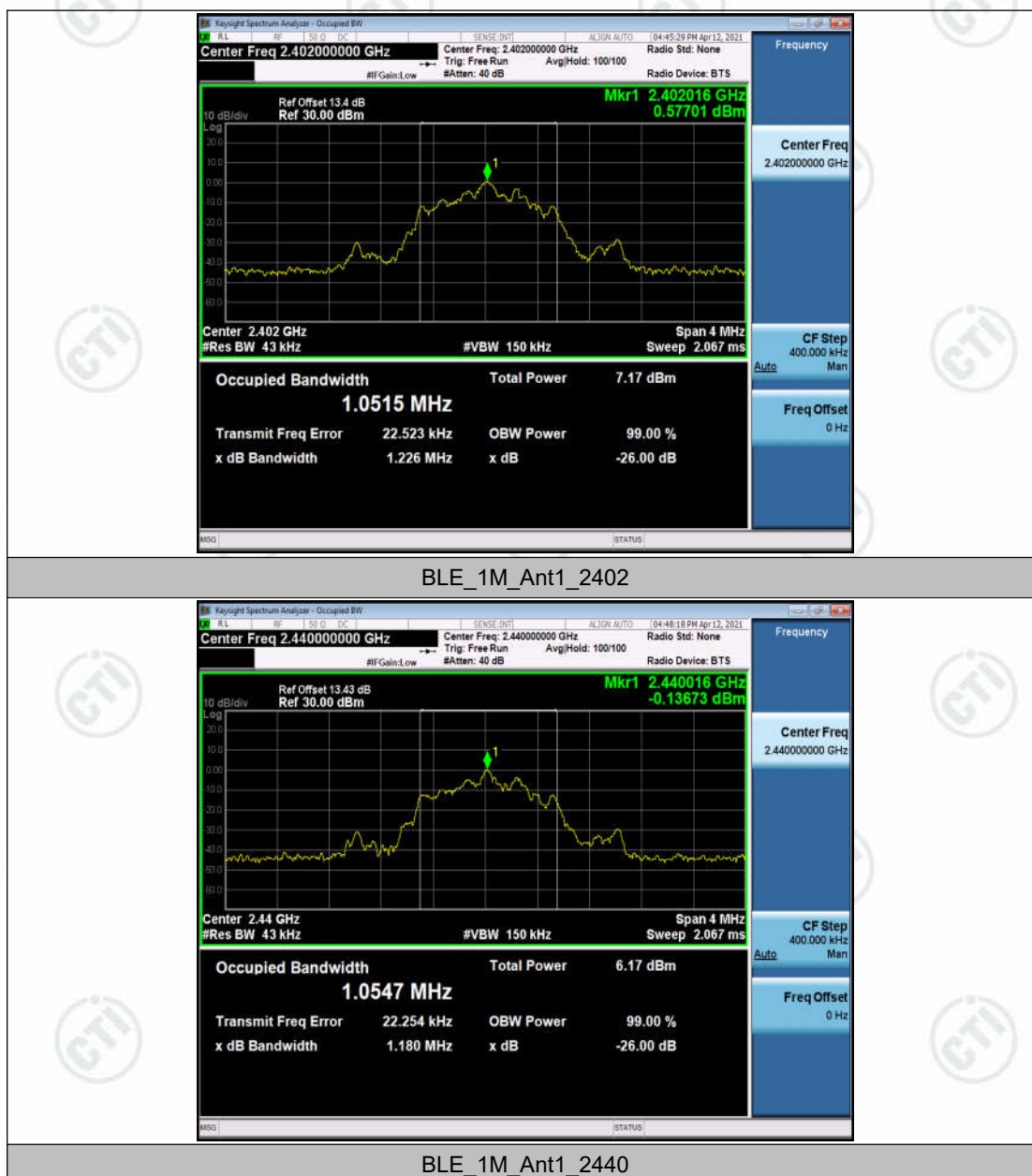


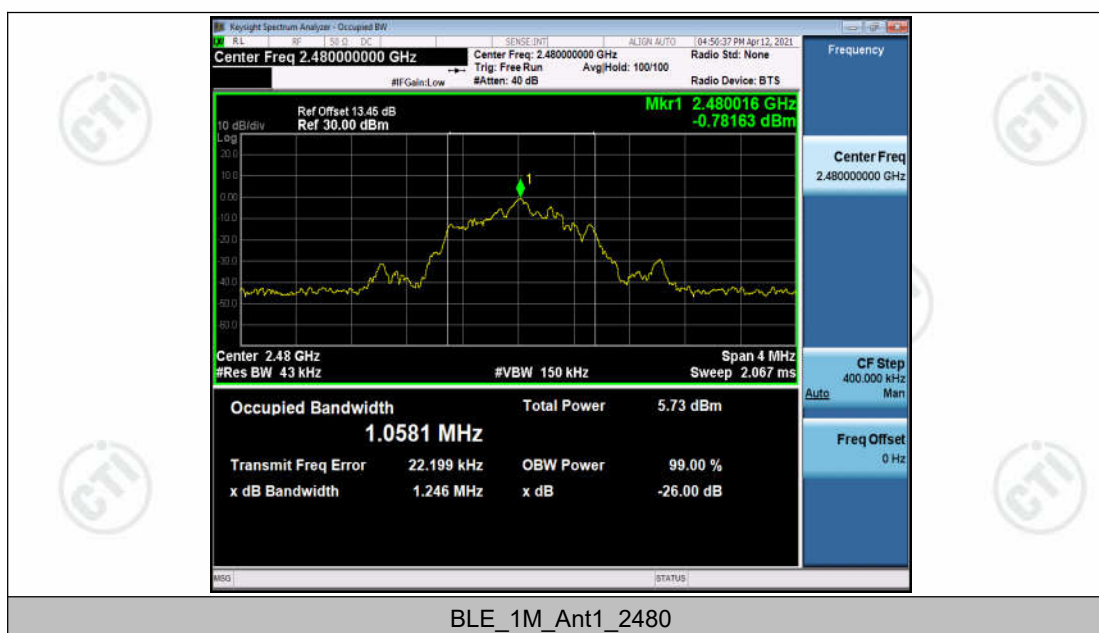
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0515	2401.497	2402.548	---	PASS
		2440	1.0547	2439.495	2440.550	---	PASS
		2480	1.0581	2479.493	2480.551	---	PASS

Test Graphs



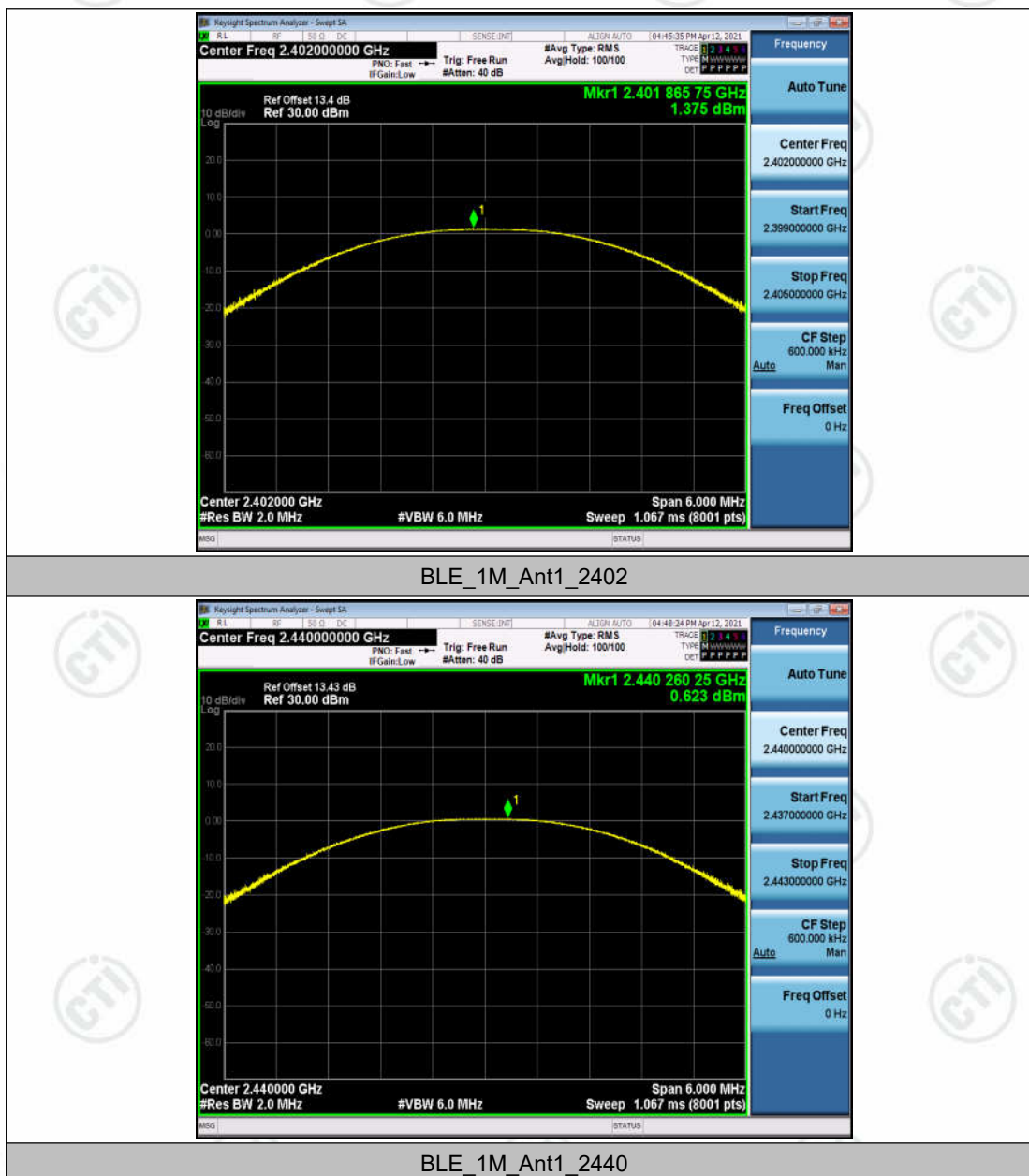


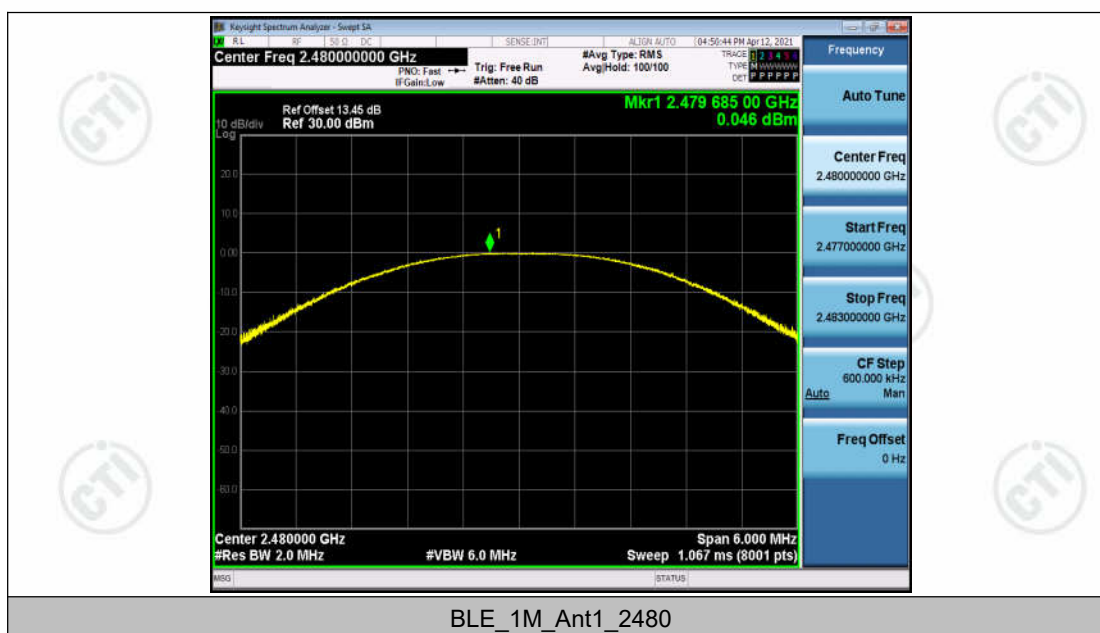
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.38	<=30	PASS
		2440	0.62	<=30	PASS
		2480	0.05	<=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_1M	Ant1	2402	0.5	<=8	PASS
		2440	-0.14	<=8	PASS
		2480	-0.86	<=8	PASS

Test Graphs



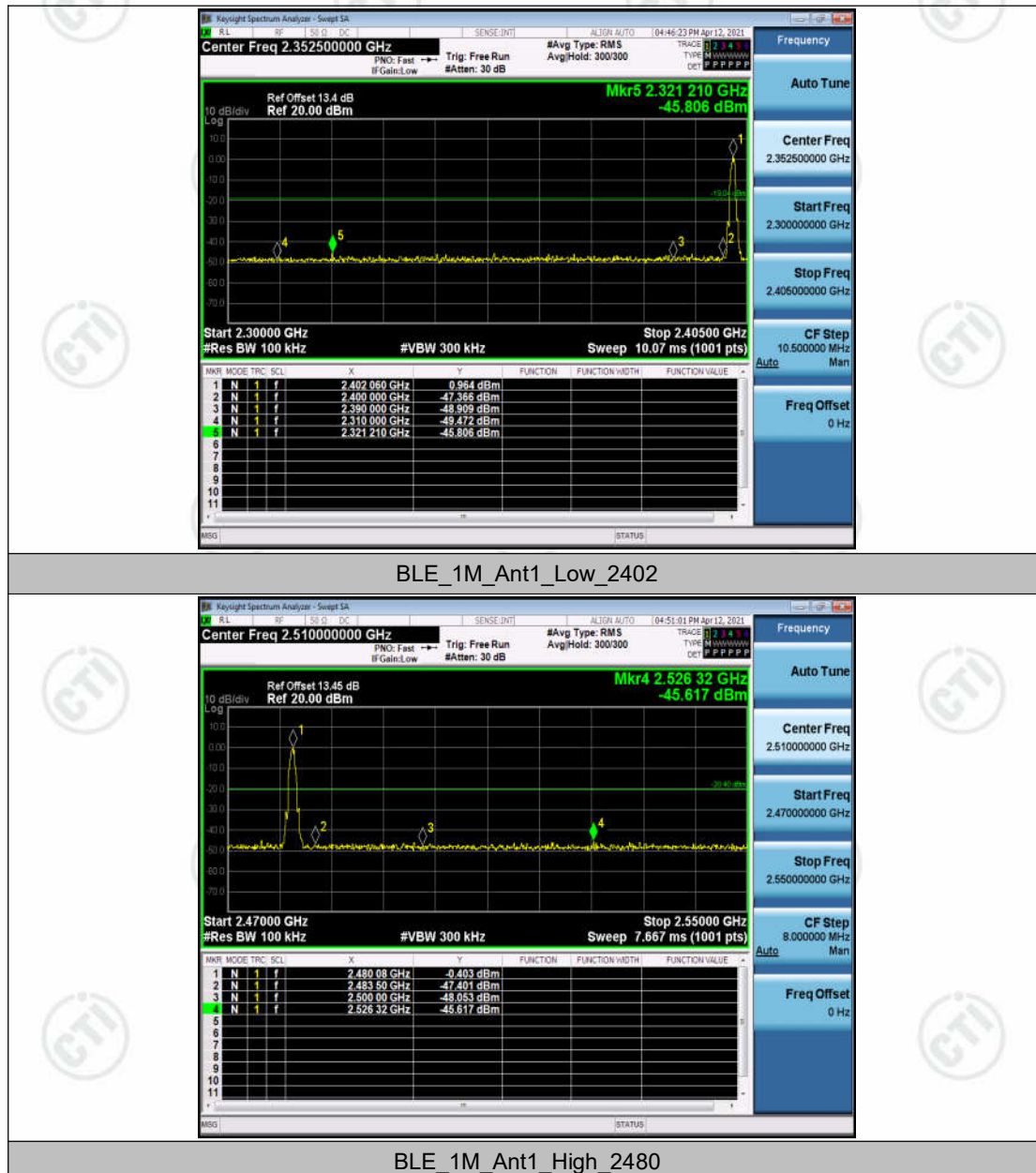


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.96	-45.81	<=-19.04	PASS
		High	2480	-0.40	-45.62	<=-20.4	PASS

Test Graphs

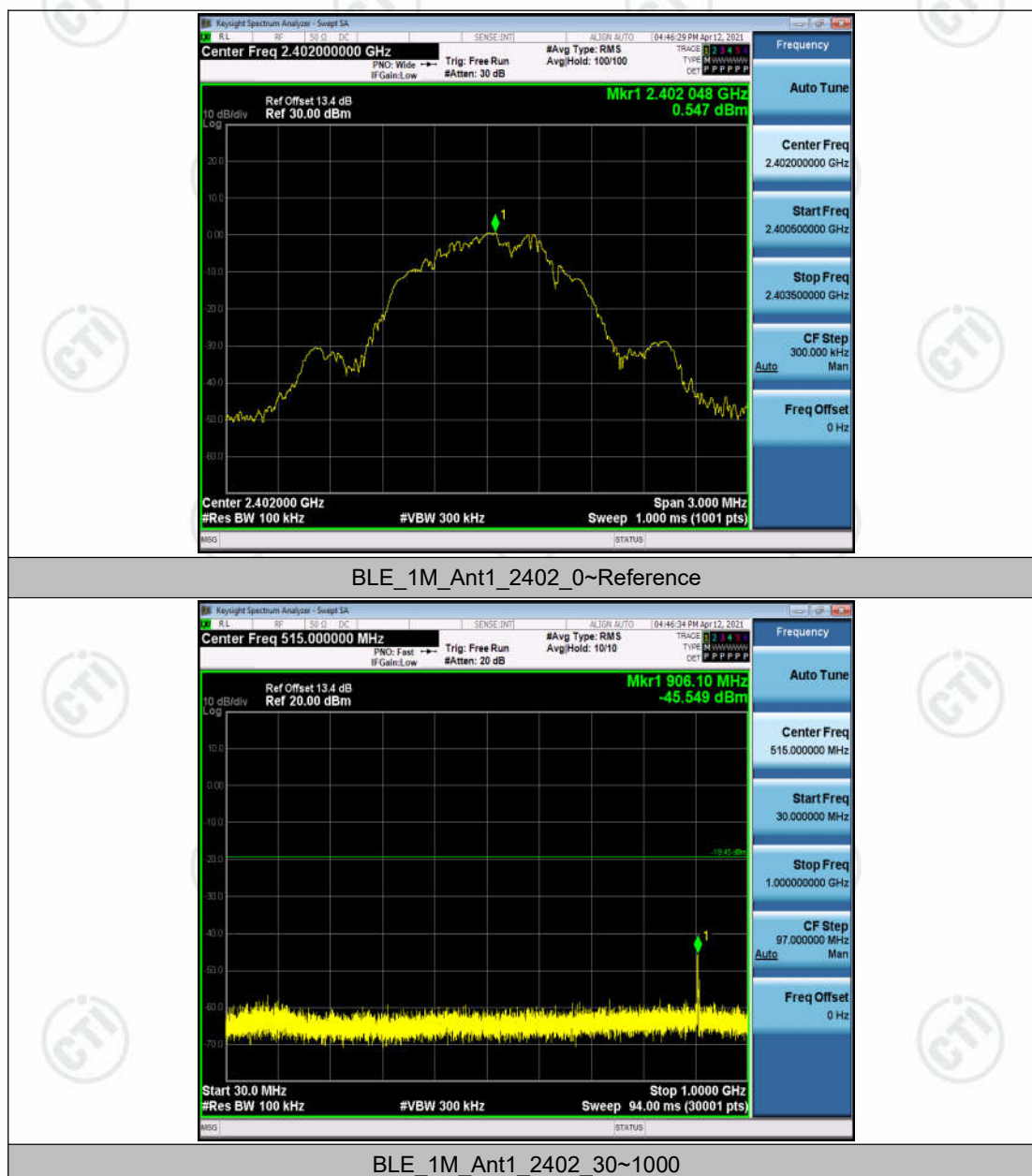


Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.55	0.55	---	PASS
			30~1000	30~1000	-45.549	<=-19.453	PASS
			1000~26500	1000~26500	-45.67	<=-19.453	PASS
		2440	Reference	0.14	0.14	---	PASS
			30~1000	30~1000	-57.243	<=-19.864	PASS
			1000~26500	1000~26500	-40.443	<=-19.864	PASS
		2480	Reference	-0.84	-0.84	---	PASS
			30~1000	30~1000	-57.177	<=-20.838	PASS
			1000~26500	1000~26500	-38.077	<=-20.838	PASS

Test Graphs

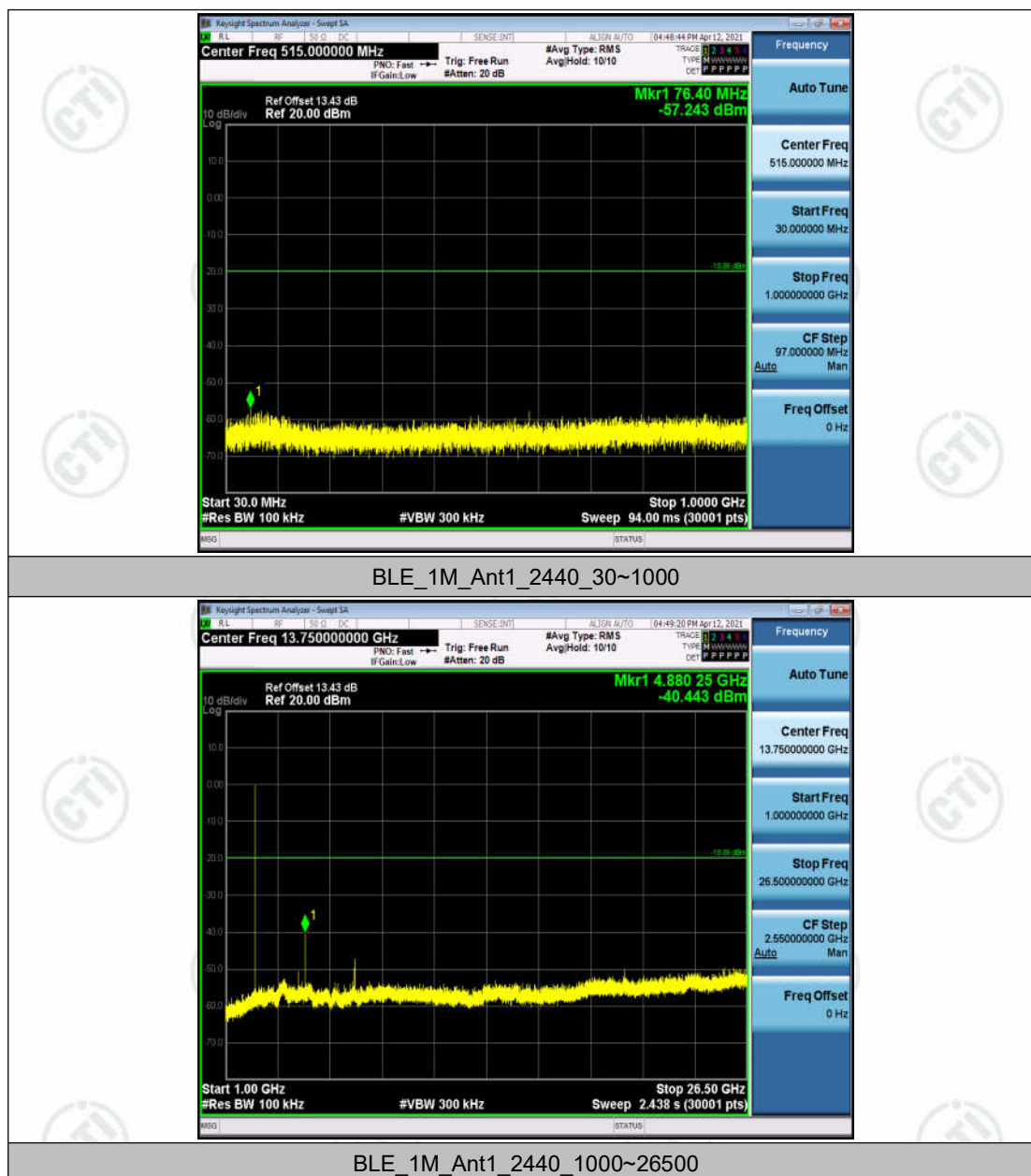


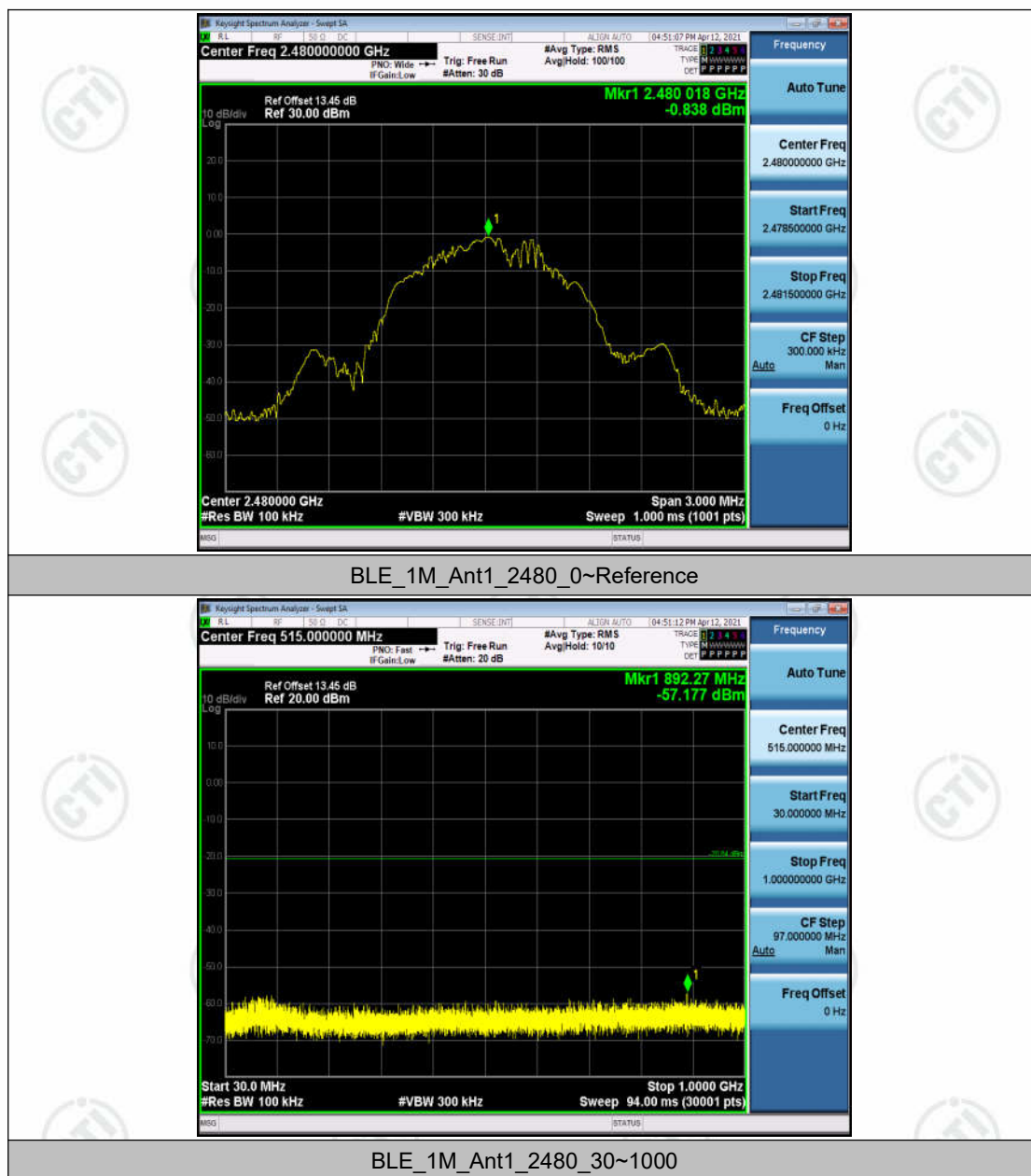


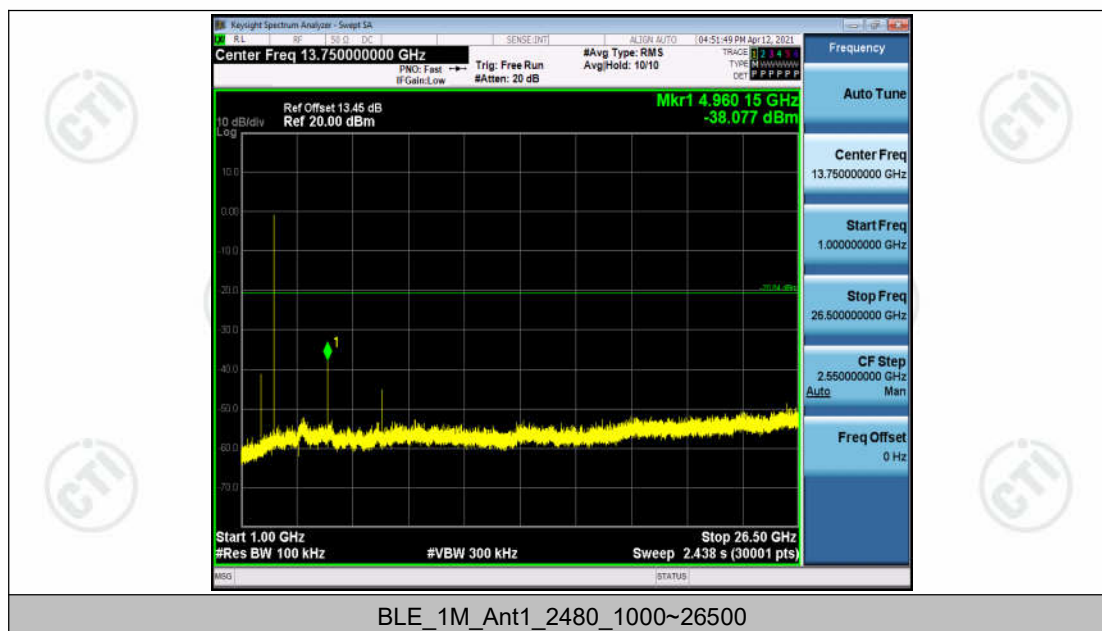
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference







Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.41	0.63	63.94	---	PASS
		2440	0.41	0.63	63.91	---	PASS
		2480	0.41	0.63	64.00	---	PASS

Test Graphs

