

FCC Appendix RF Test Data

FCC ID : 2BPTB-CTAB14

Company: : LEON TRADE(H.K.)CO.,LIMITED.

EUT : 14 inch Tablet

Model Number : Ctab 14

Report No. : CTA25050802505

Reviewed By : Eric Wang

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.640	2401.696	2402.336	0.5	PASS
		2440	0.640	2439.692	2440.332	0.5	PASS
		2480	0.648	2479.692	2480.340	0.5	PASS
BLE_2M	Ant1	2402	1.056	2401.448	2402.504	0.5	PASS
		2440	1.104	2439.452	2440.556	0.5	PASS
		2480	1.132	2479.444	2480.576	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

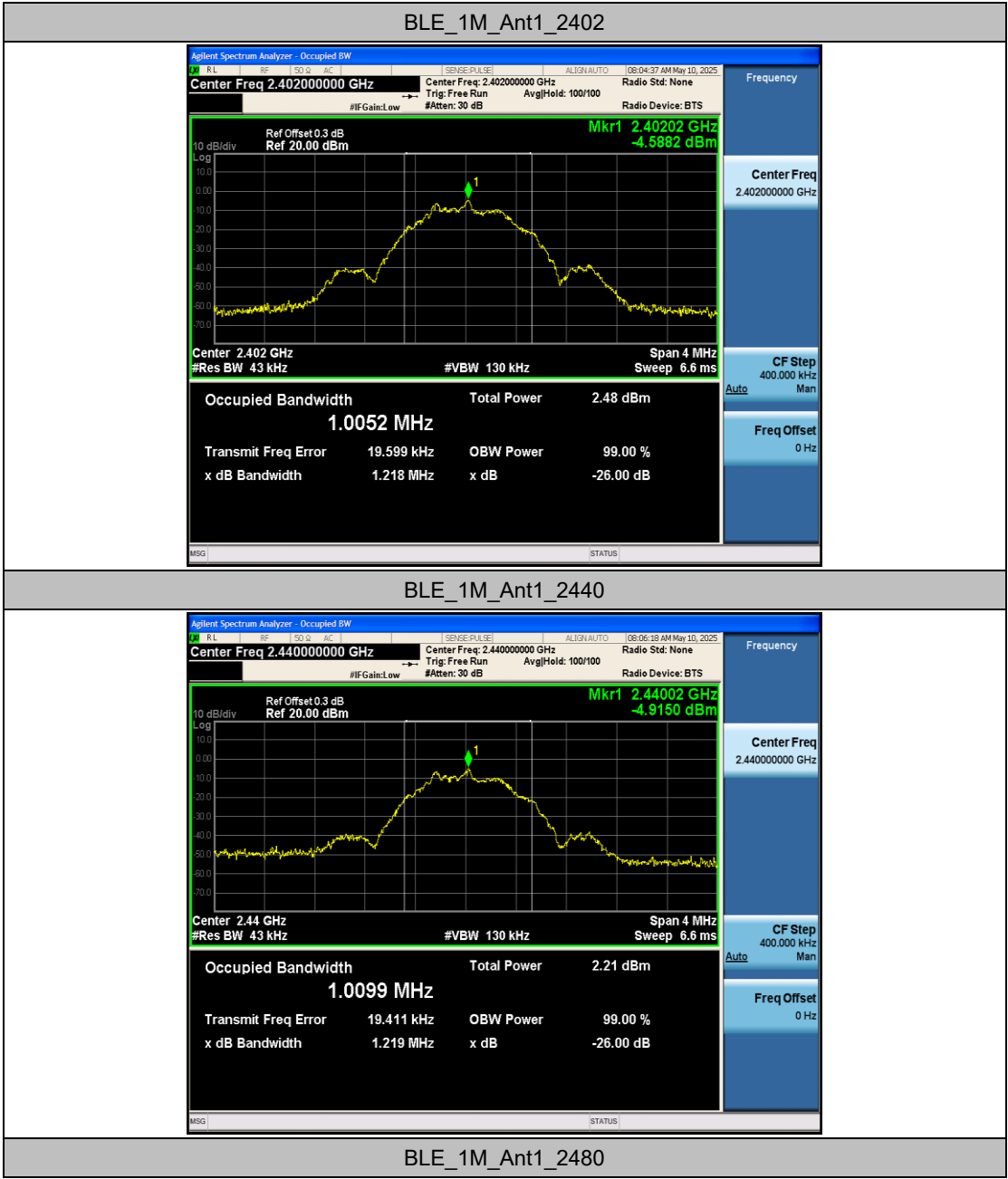


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0052	2401.5170	2402.5222	---	---
		2440	1.0099	2439.5145	2440.5244	---	---
		2480	1.0063	2479.5167	2480.5230	---	---
BLE_2M	Ant1	2402	2.0002	2401.0311	2403.0313	---	---
		2440	2.0035	2439.0286	2441.0321	---	---
		2480	1.9954	2479.0319	2481.0273	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.58	≤30	PASS
		2440	-3.71	≤30	PASS
		2480	-3.84	≤30	PASS
BLE_2M	Ant1	2402	-3.55	≤30	PASS
		2440	-3.61	≤30	PASS
		2480	-3.82	≤30	PASS

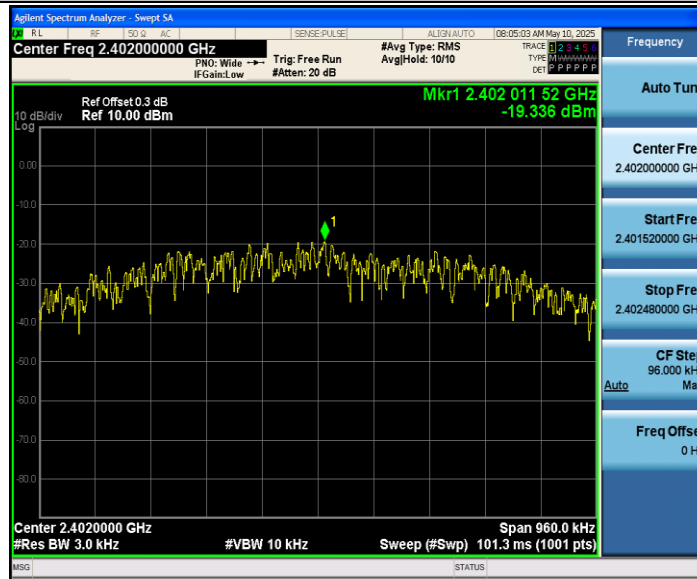
Appendix D: Maximum power spectral density

Test Result

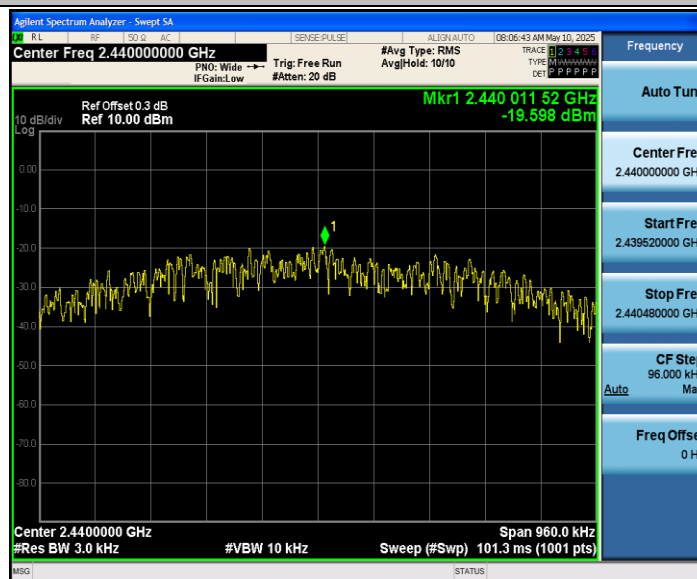
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.34	≤8.00	PASS
		2440	-19.60	≤8.00	PASS
		2480	-19.57	≤8.00	PASS
BLE_2M	Ant1	2402	-20.46	≤8.00	PASS
		2440	-20.58	≤8.00	PASS
		2480	-20.89	≤8.00	PASS

Test Graphs

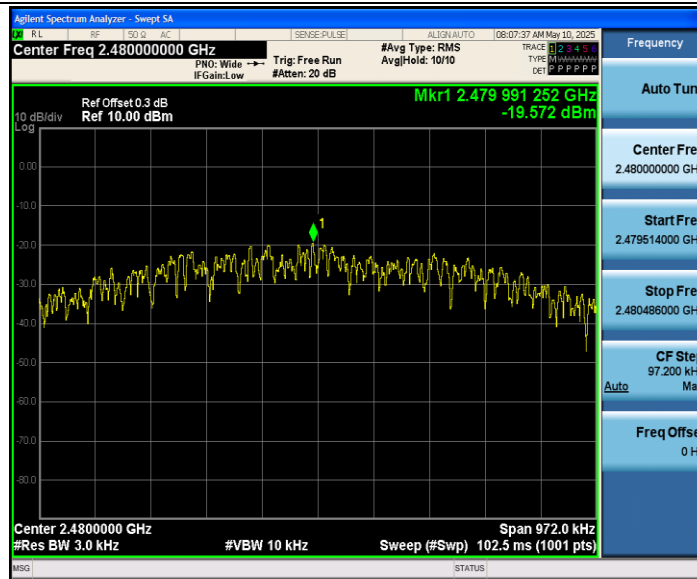
BLE_1M_Ant1_2402



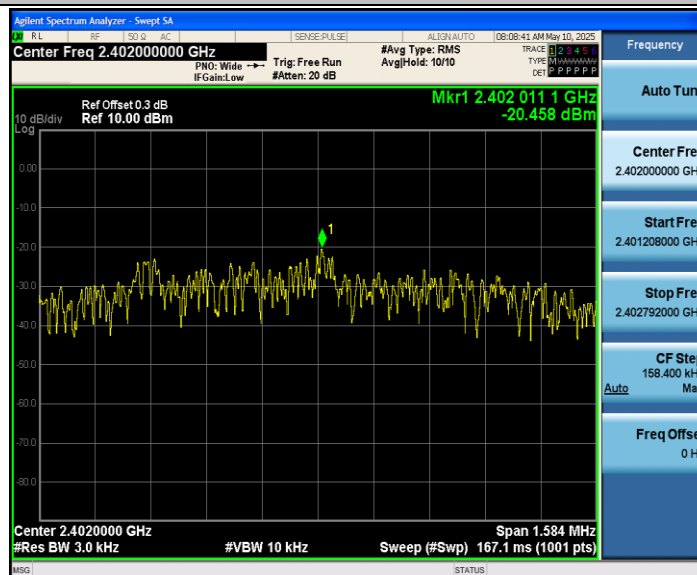
BLE_1M_Ant1_2440



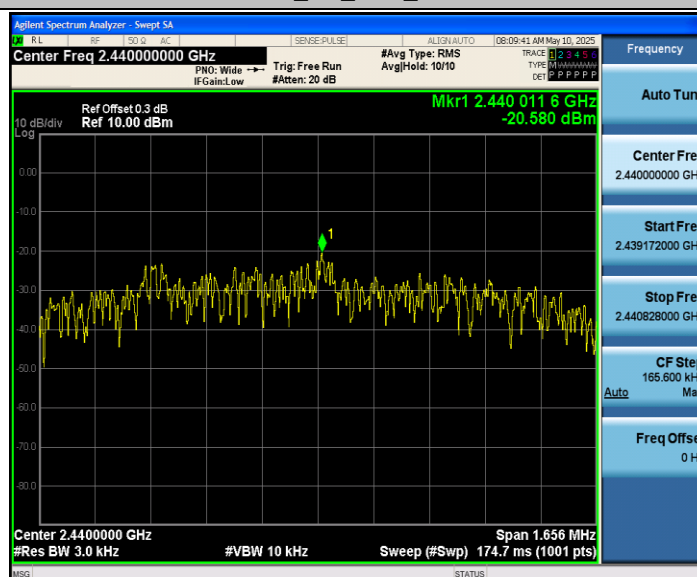
BLE_1M_Ant1_2480



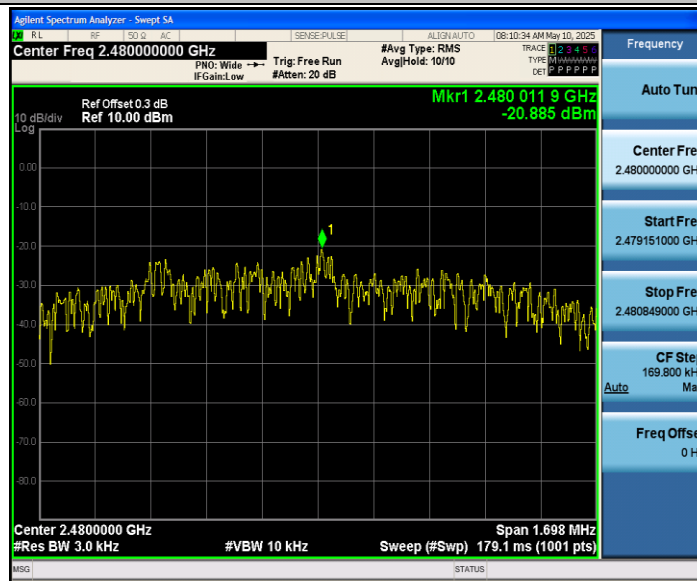
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

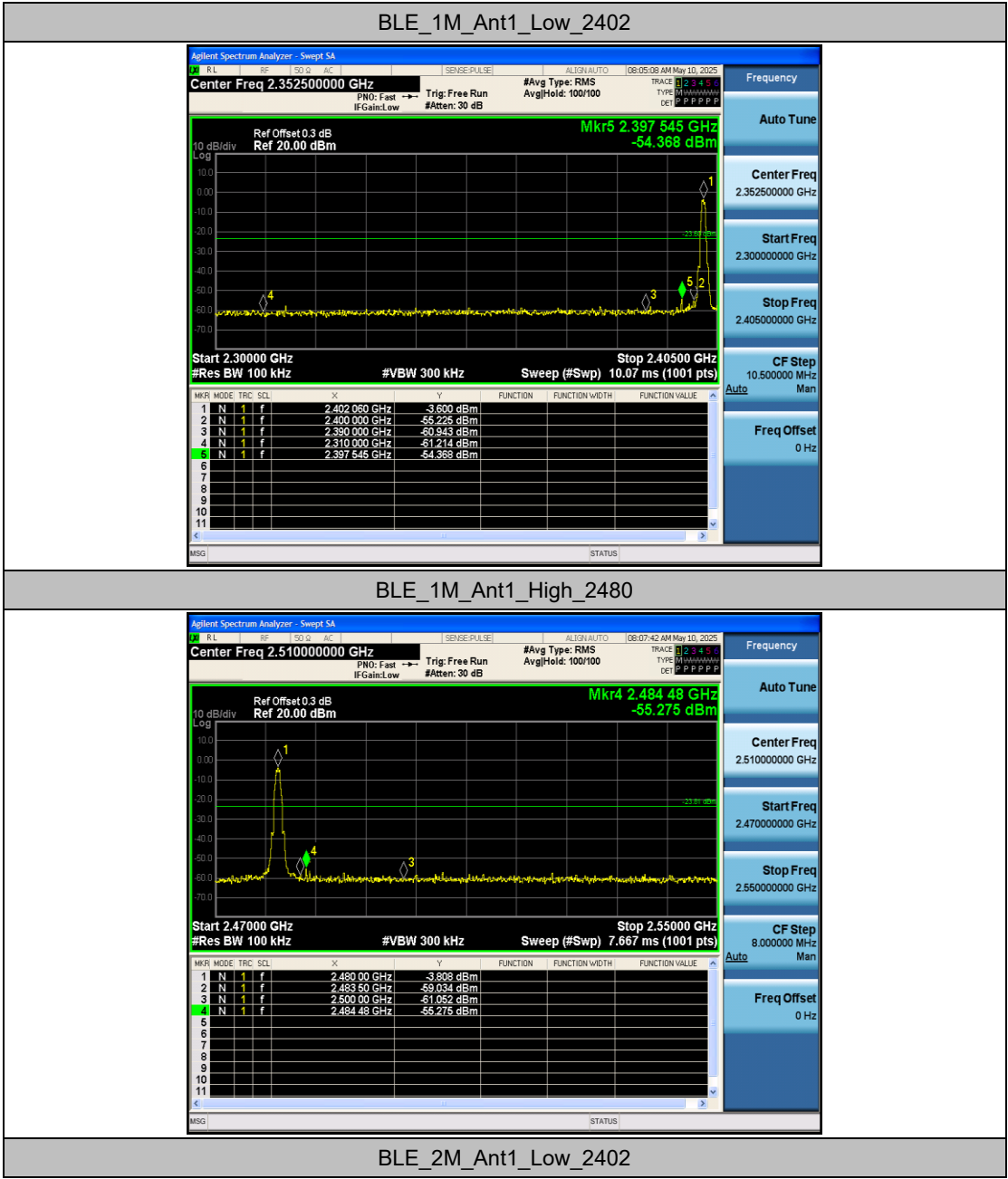


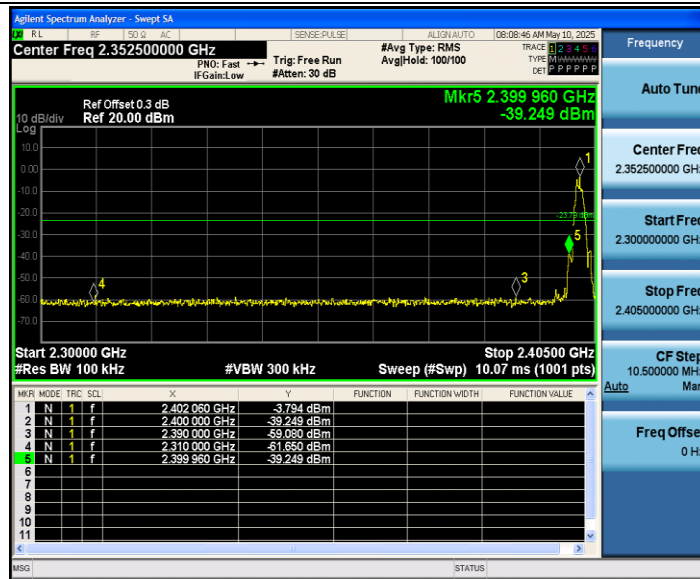
Appendix E: Band edge measurements

Test Result

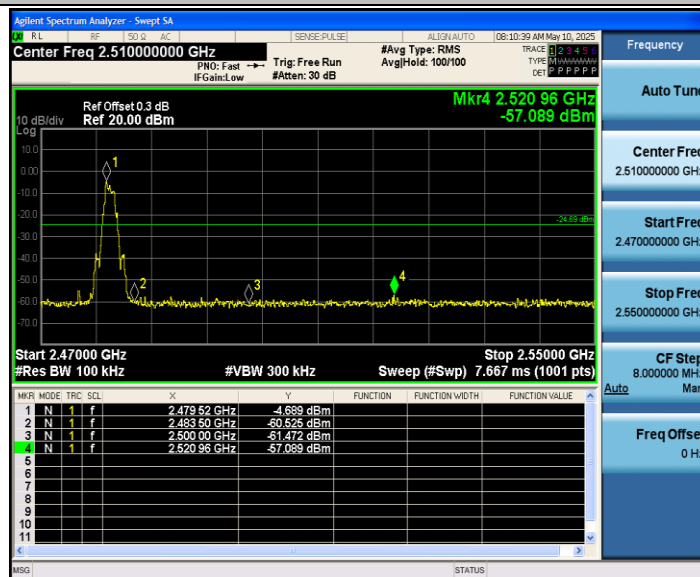
TestMod e	Antenn a	ChNam e	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-3.60	-54.37	≤-23.6	PASS
		High	2480	-3.81	-55.28	≤-23.81	PASS
BLE_2M	Ant1	Low	2402	-3.79	-39.25	≤-23.79	PASS
		High	2480	-4.69	-57.09	≤-24.69	PASS

Test Graphs





BLE_2M_Ant1_High_2480

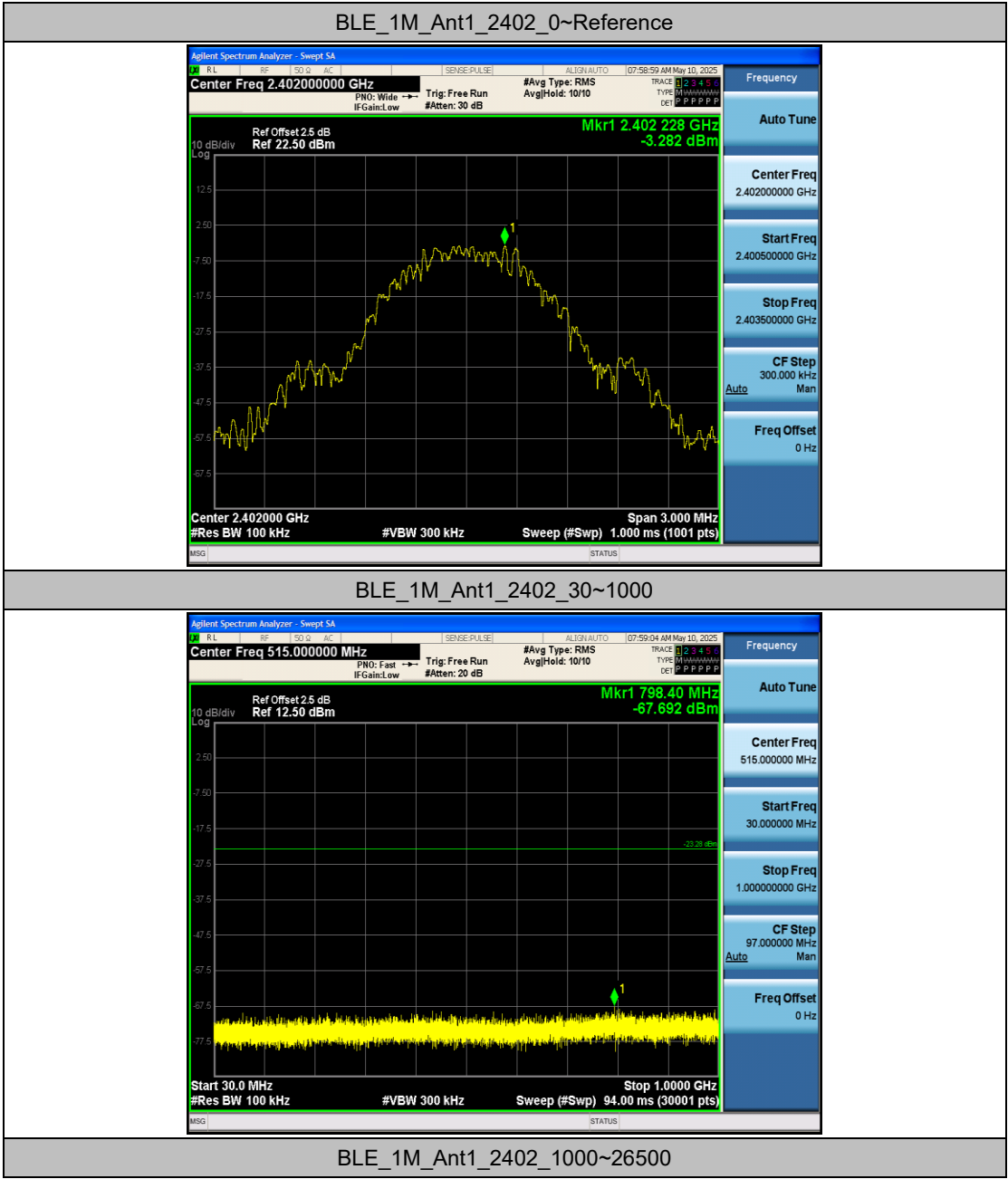


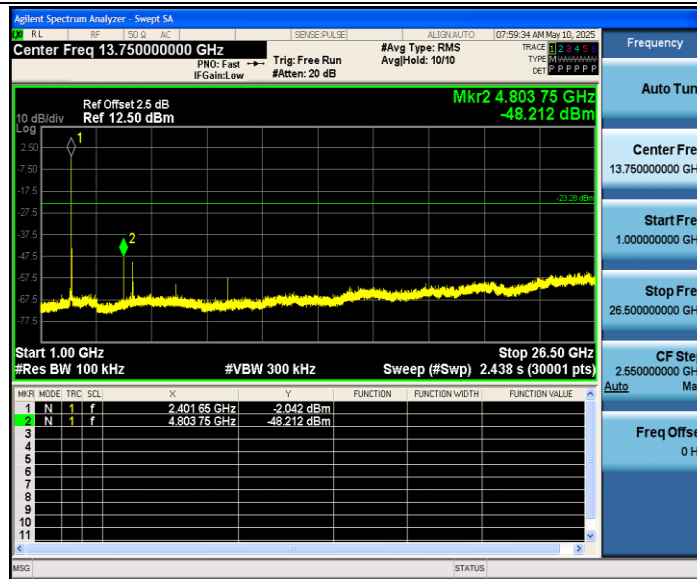
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.28	-3.28	---	PASS
			30~1000	-3.28	-67.69	≤-23.28	PASS
			1000~26500	-3.28	-48.21	≤-23.28	PASS
		2440	Reference	-2.54	-2.54	---	PASS
			30~1000	-2.54	-67.74	≤-22.54	PASS
			1000~26500	-2.54	-48.95	≤-22.54	PASS
		2480	Reference	-3.40	-3.40	---	PASS
			30~1000	-3.40	-67.97	≤-23.4	PASS
			1000~26500	-3.40	-47.02	≤-23.4	PASS
BLE_2M	Ant1	2402	Reference	-2.10	-2.10	---	PASS
			30~1000	-2.10	-67.94	≤-22.1	PASS
			1000~26500	-2.10	-42.94	≤-22.1	PASS
		2440	Reference	-2.33	-2.33	---	PASS
			30~1000	-2.33	-67.32	≤-22.33	PASS
			1000~26500	-2.33	-49.01	≤-22.33	PASS
		2480	Reference	-3.00	-3.00	---	PASS
			30~1000	-3.00	-67.54	≤-23	PASS
			1000~26500	-3.00	-50.21	≤-23	PASS

Test Graphs

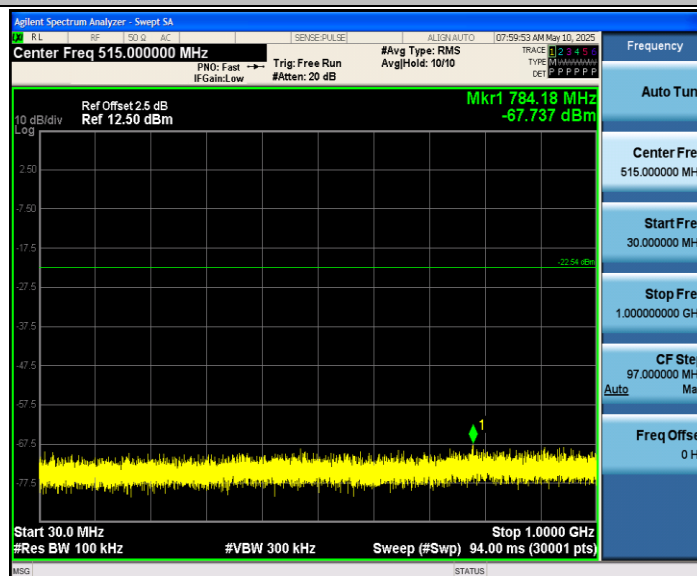




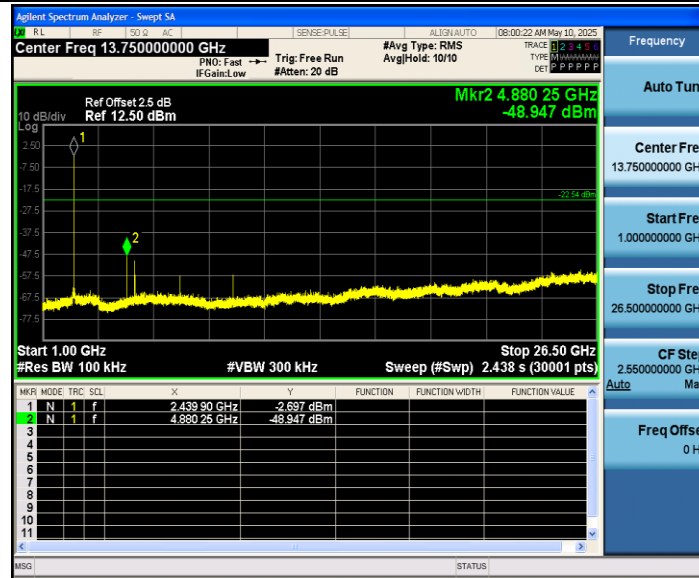
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



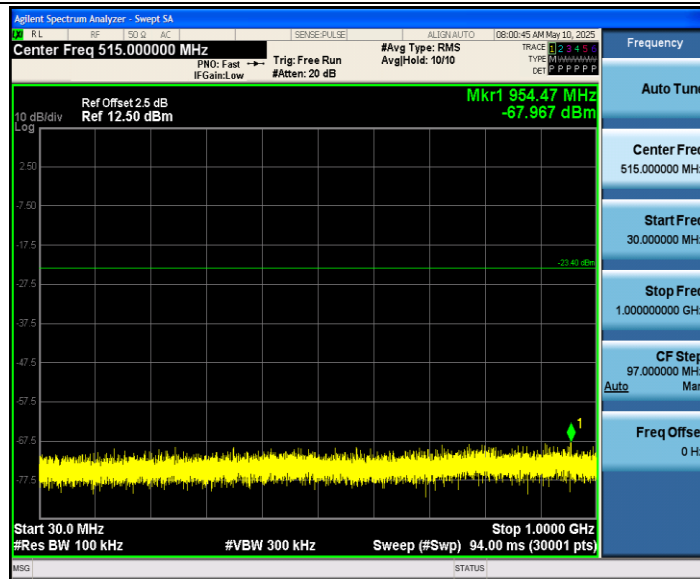
BLE_1M_Ant1_2440_1000~26500



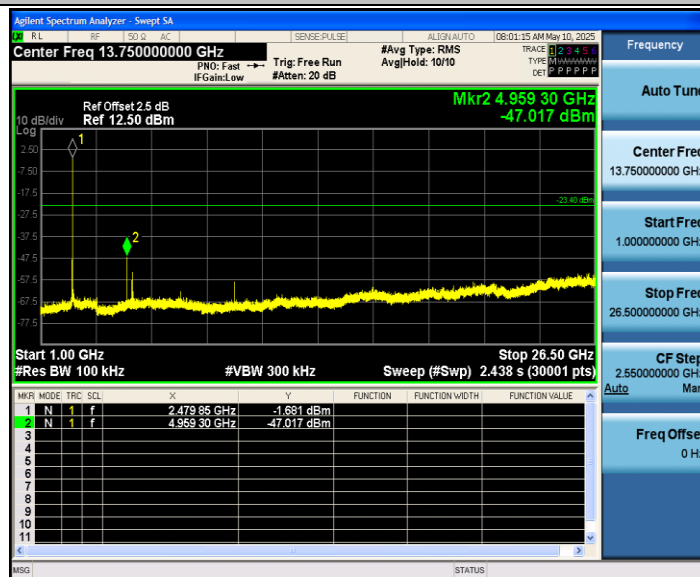
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



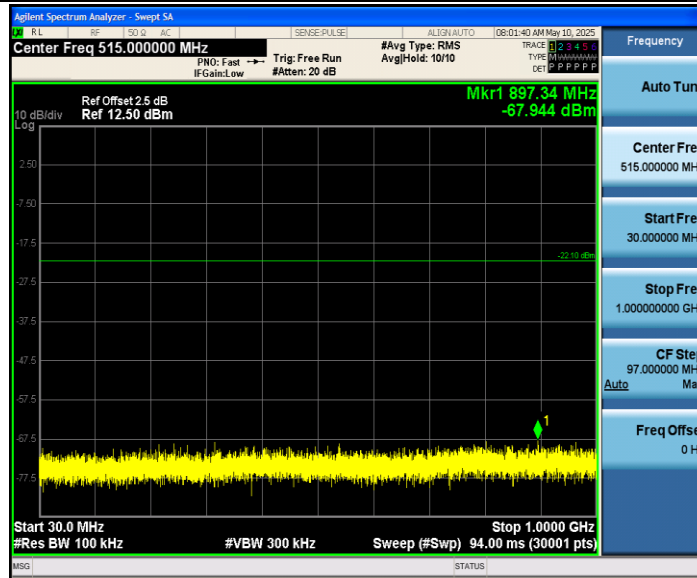
BLE_1M_Ant1_2480_1000~26500



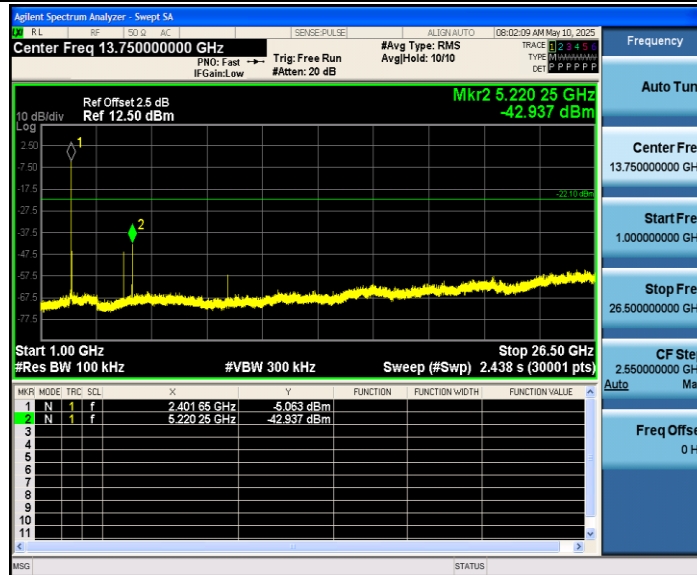
BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



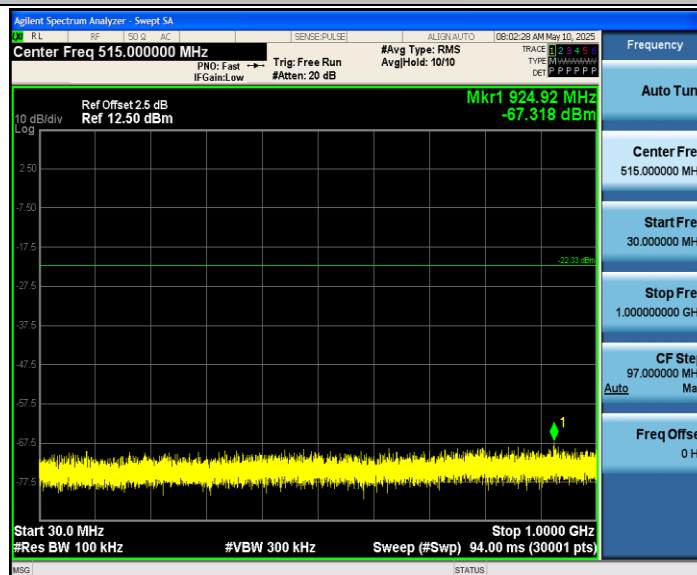
BLE_2M_Ant1_2402_1000~26500



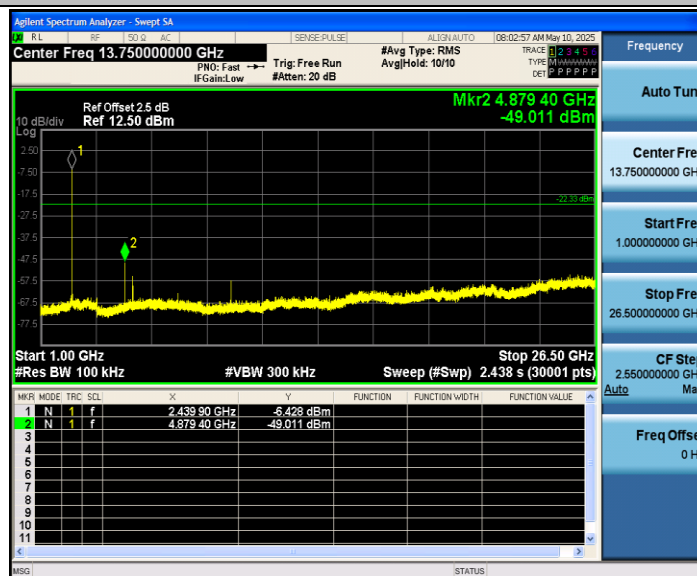
BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



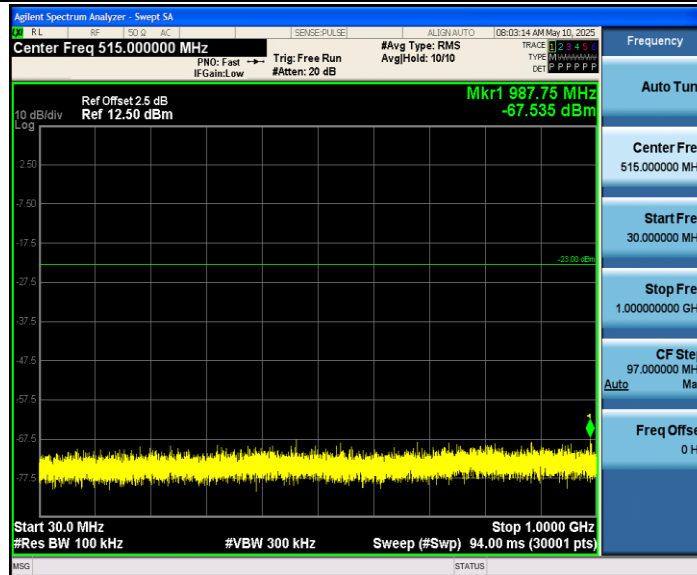
BLE_2M_Ant1_2440_1000~26500



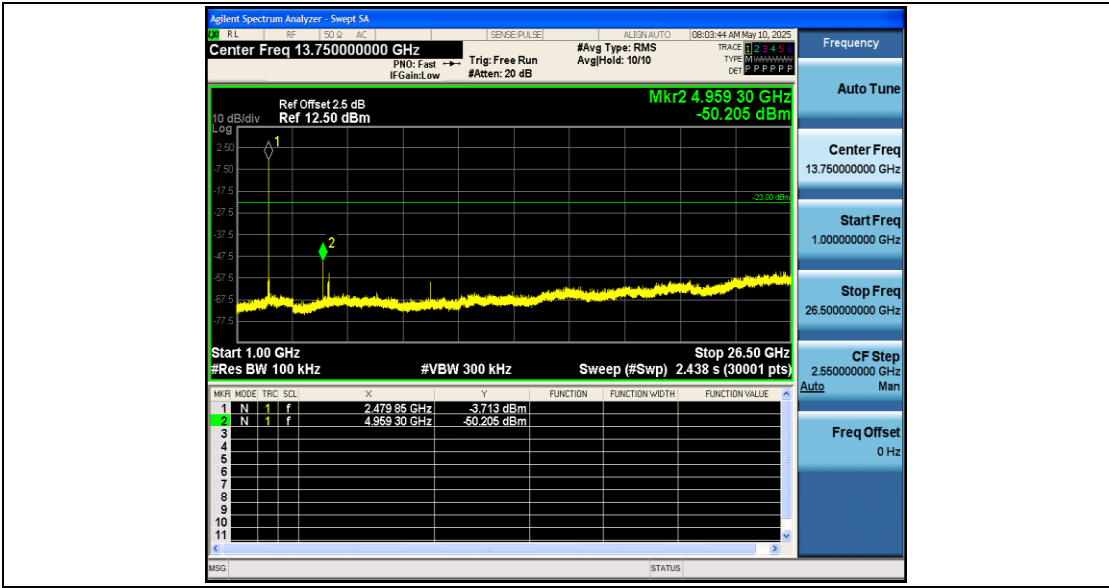
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500

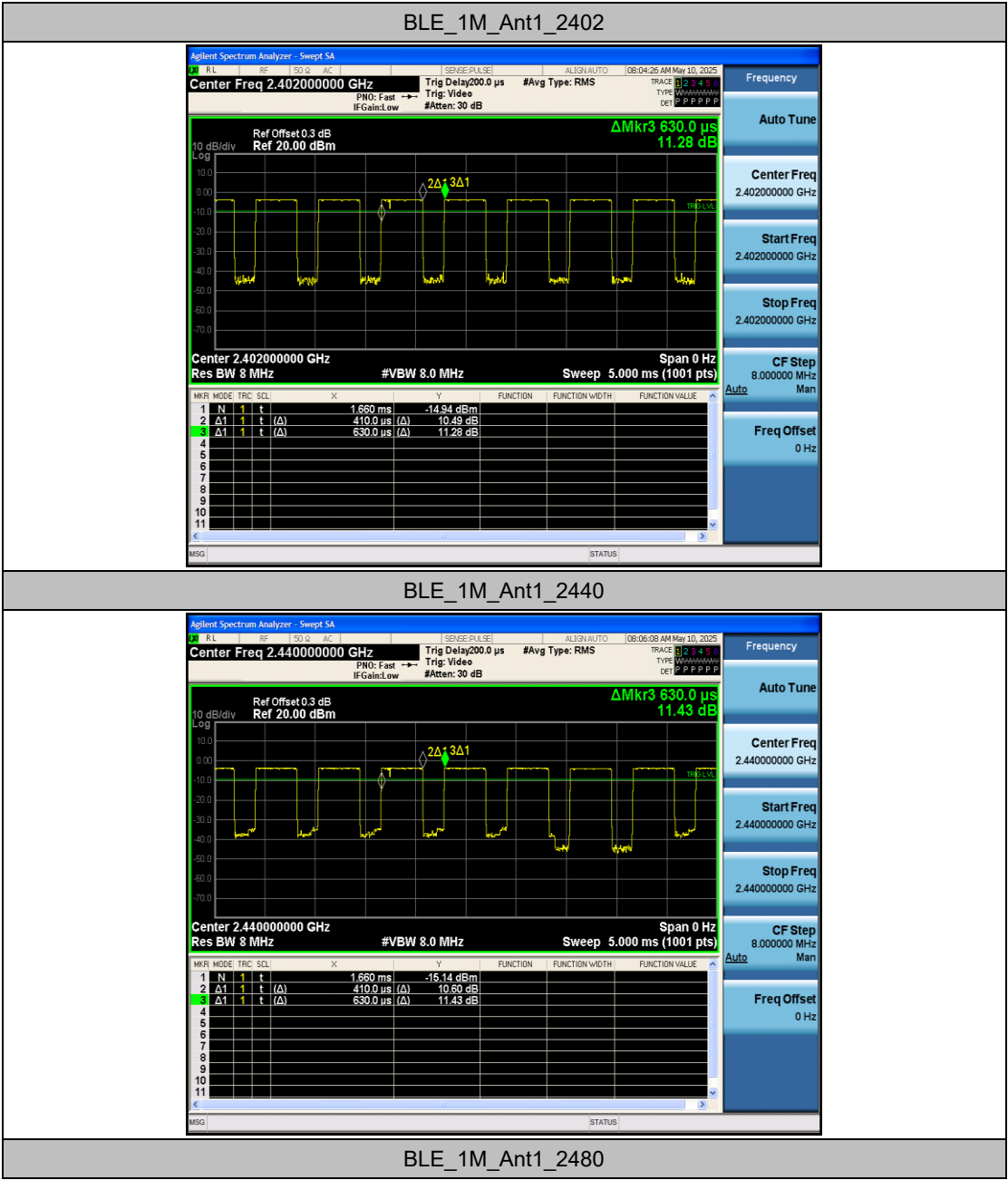


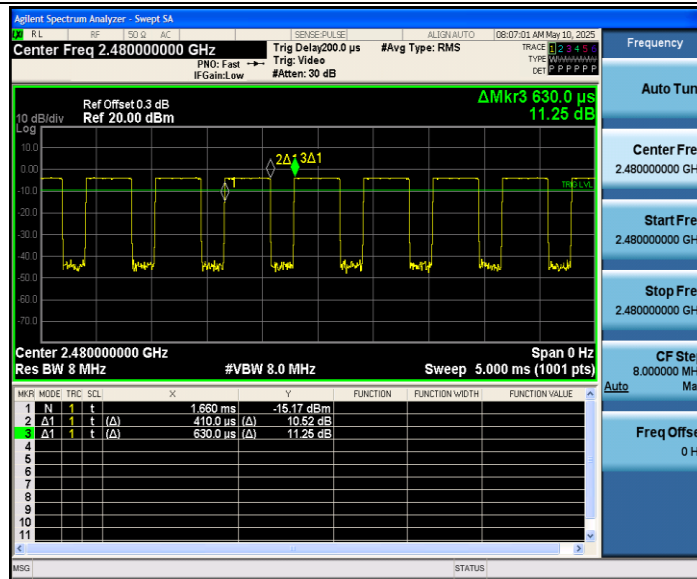
Appendix G: Duty Cycle

Test Result

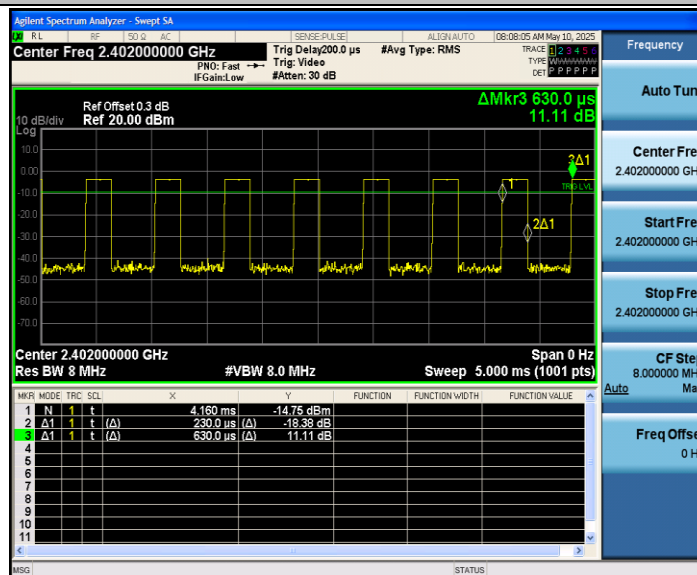
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.41	0.63	0.6508	65.08	1.87	---	---
		2440	0.41	0.63	0.6508	65.08	1.87	---	---
		2480	0.41	0.63	0.6508	65.08	1.87	---	---
BLE_2M	Ant1	2402	0.23	0.63	0.3651	36.51	4.38	---	---
		2440	0.23	0.63	0.3651	36.51	4.38	---	---
		2480	0.23	0.63	0.3651	36.51	4.38	---	---

Test Graphs

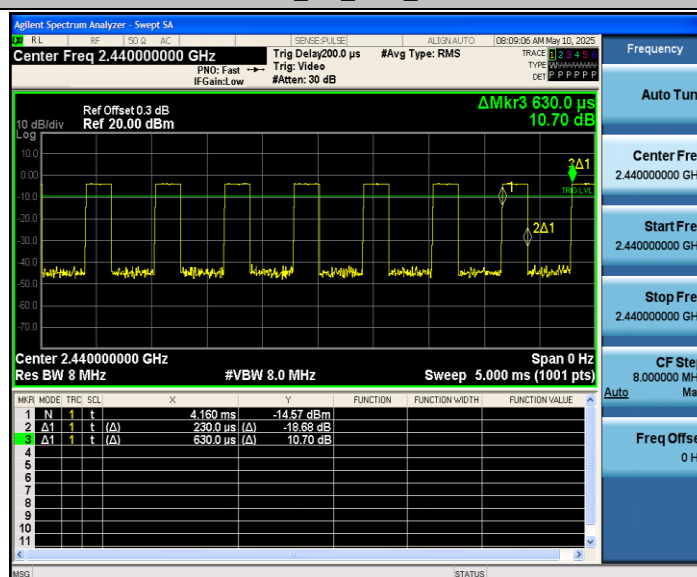




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

