

FCC Appendix RF Test Data

FCC ID : 2BPTB-CTAB12

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

EUT : 11.97 inch Tablet

Model Number : Ctab 12

Report No. : CTA25050803001

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	2401.692	2402.332	0.5	PASS
		2440	0.648	2439.688	2440.336	0.5	PASS
		2480	0.636	2479.692	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.088	2401.464	2402.552	0.5	PASS
		2440	1.108	2439.448	2440.556	0.5	PASS
		2480	1.048	2479.516	2480.564	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

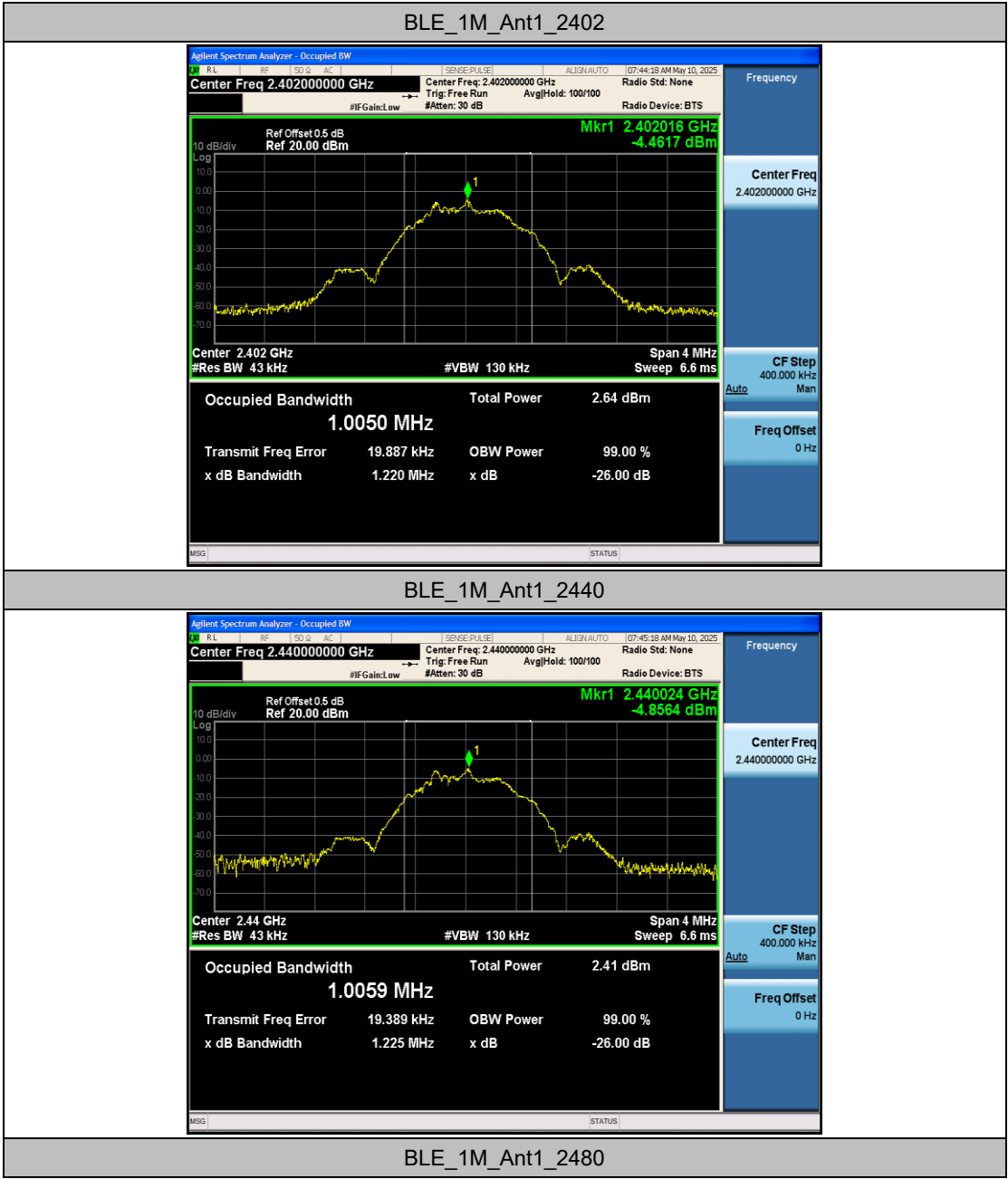


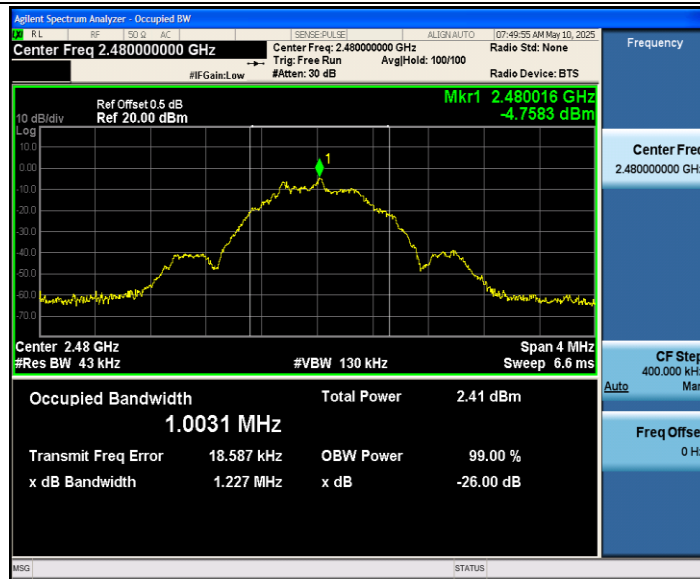
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0050	2401.5174	2402.5224	---	---
		2440	1.0059	2439.5164	2440.5223	---	---
		2480	1.0031	2479.5170	2480.5201	---	---
BLE_2M	Ant1	2402	2.0042	2401.0304	2403.0346	---	---
		2440	2.0051	2439.0260	2441.0311	---	---
		2480	2.0022	2479.0301	2481.0323	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

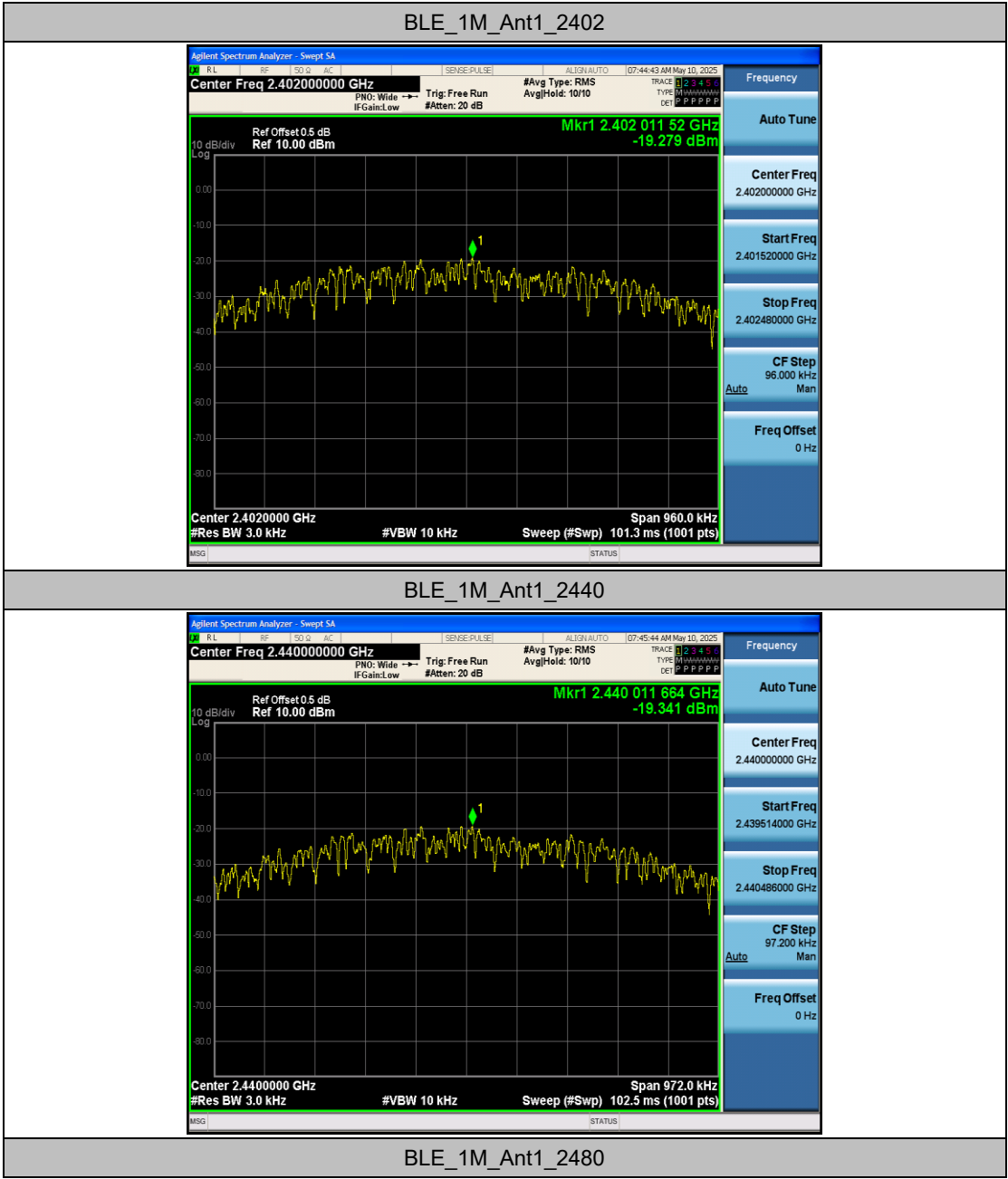
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.44	≤30	PASS
		2440	-3.60	≤30	PASS
		2480	-3.67	≤30	PASS
BLE_2M	Ant1	2402	-3.39	≤30	PASS
		2440	-3.56	≤30	PASS
		2480	-3.65	≤30	PASS

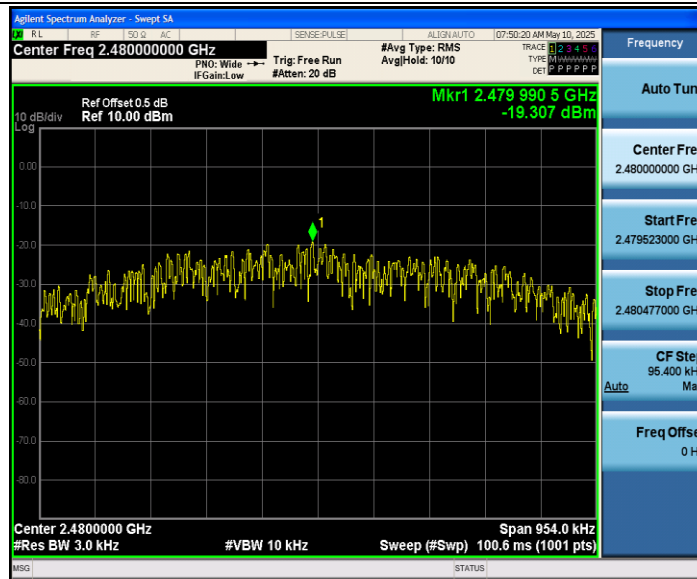
Appendix D: Maximum power spectral density

Test Result

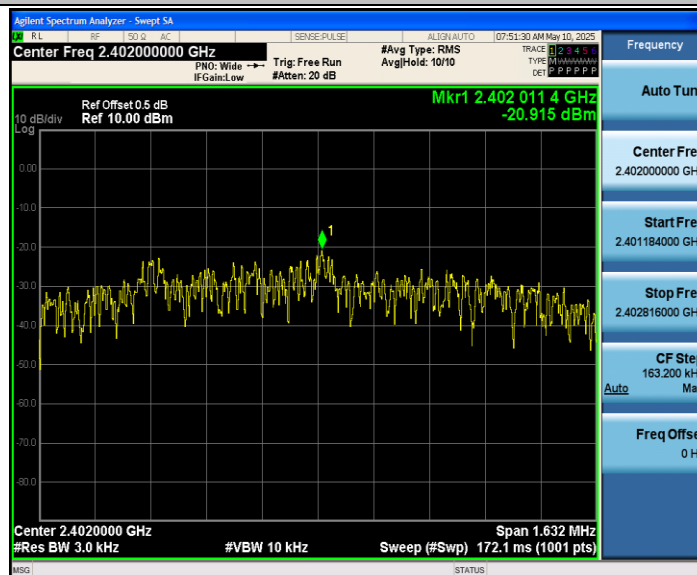
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.28	≤8.00	PASS
		2440	-19.34	≤8.00	PASS
		2480	-19.31	≤8.00	PASS
BLE_2M	Ant1	2402	-20.92	≤8.00	PASS
		2440	-20.54	≤8.00	PASS
		2480	-20.62	≤8.00	PASS

Test Graphs

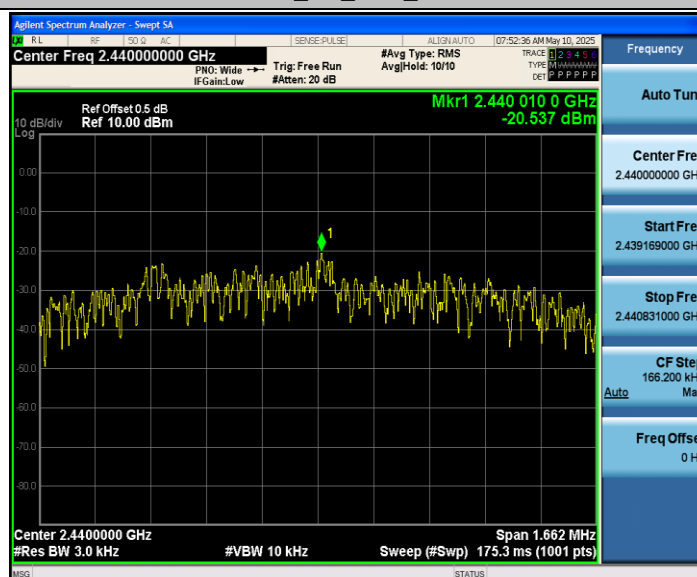




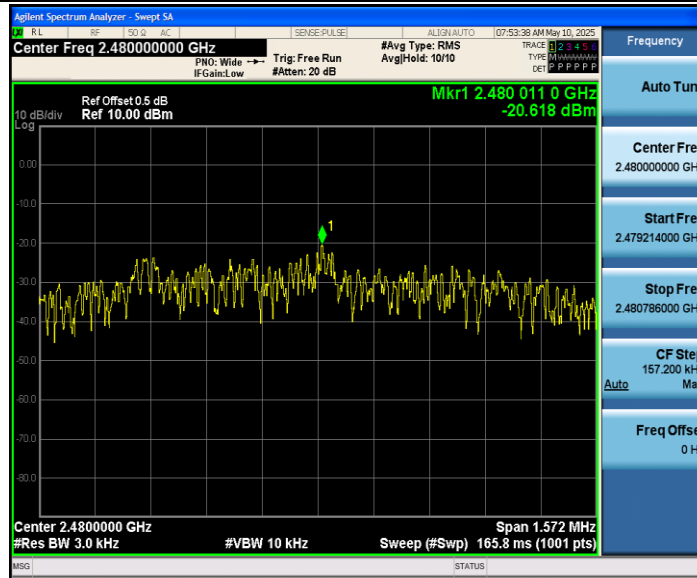
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

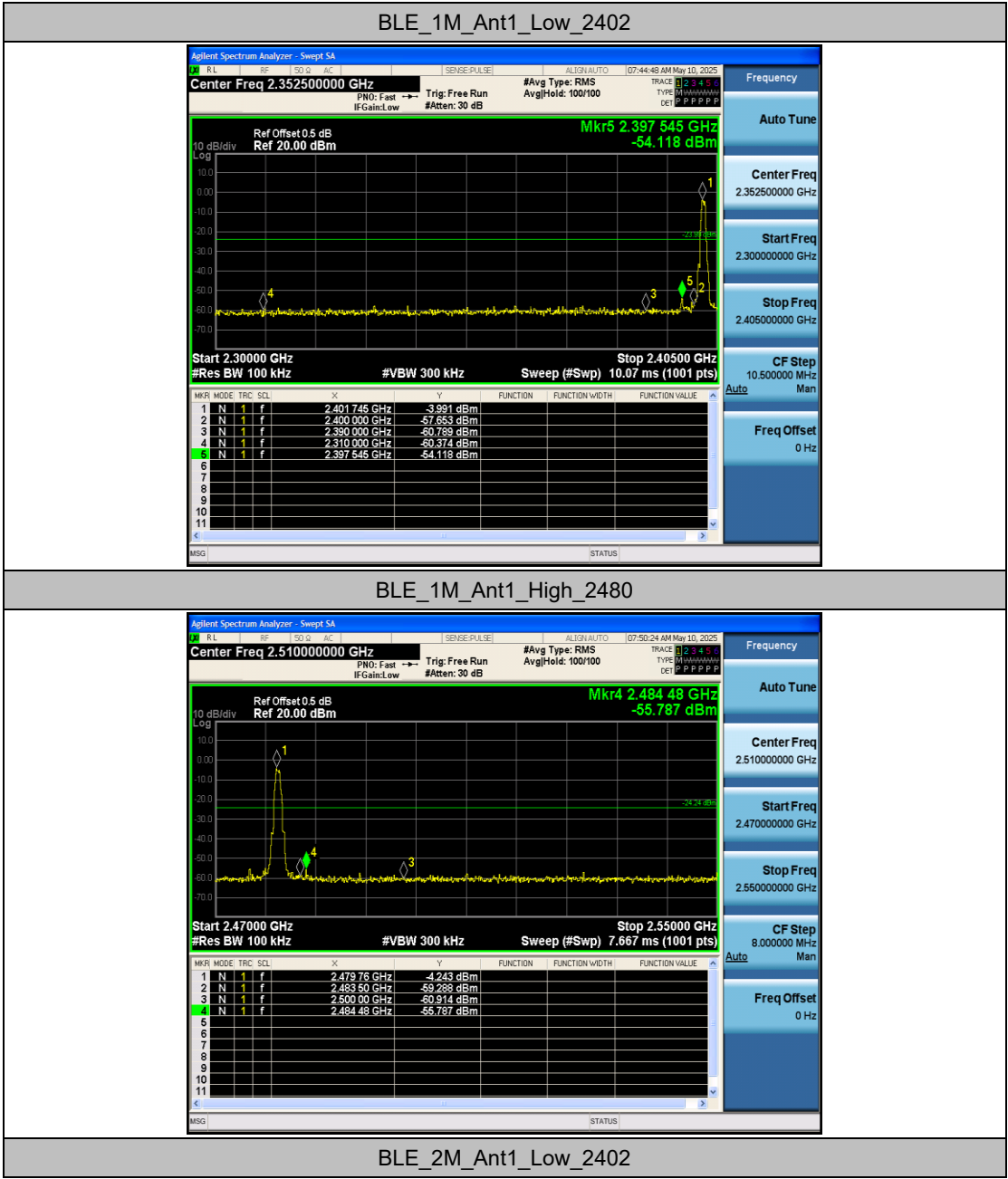


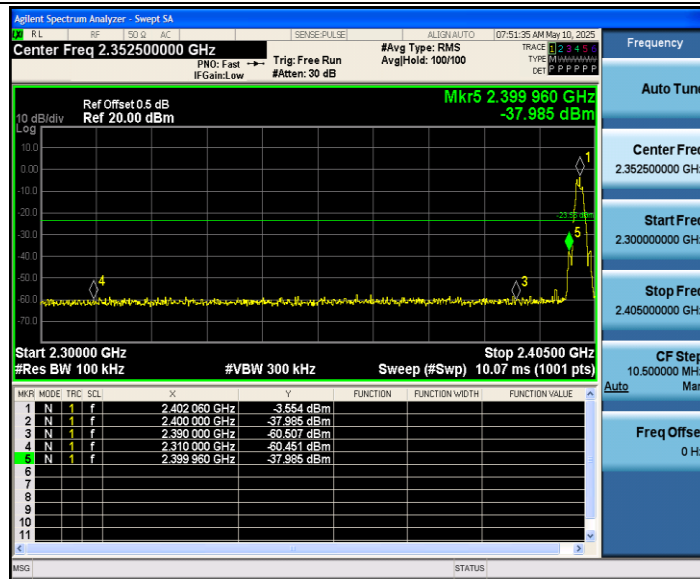
Appendix E: Band edge measurements

Test Result

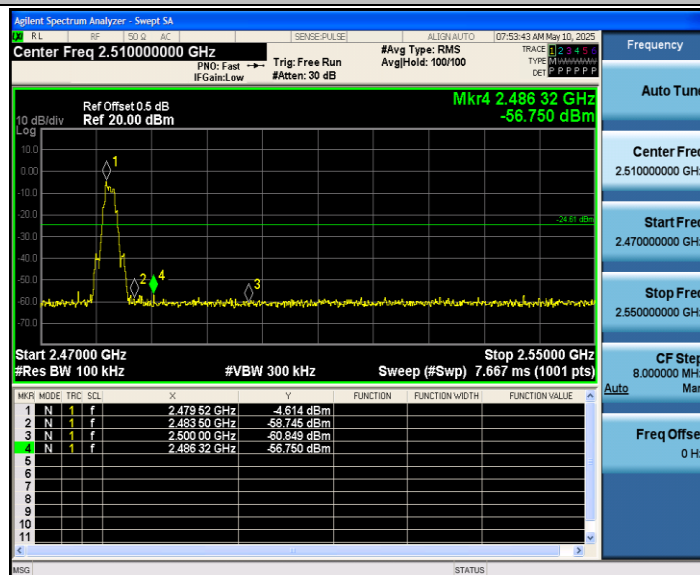
TestMod e	Antenn a	ChNam e	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-3.99	-54.12	≤-23.99	PASS
		High	2480	-4.24	-55.79	≤-24.24	PASS
BLE_2M	Ant1	Low	2402	-3.55	-37.99	≤-23.55	PASS
		High	2480	-4.61	-56.75	≤-24.61	PASS

Test Graphs





BLE_2M_Ant1_High_2480

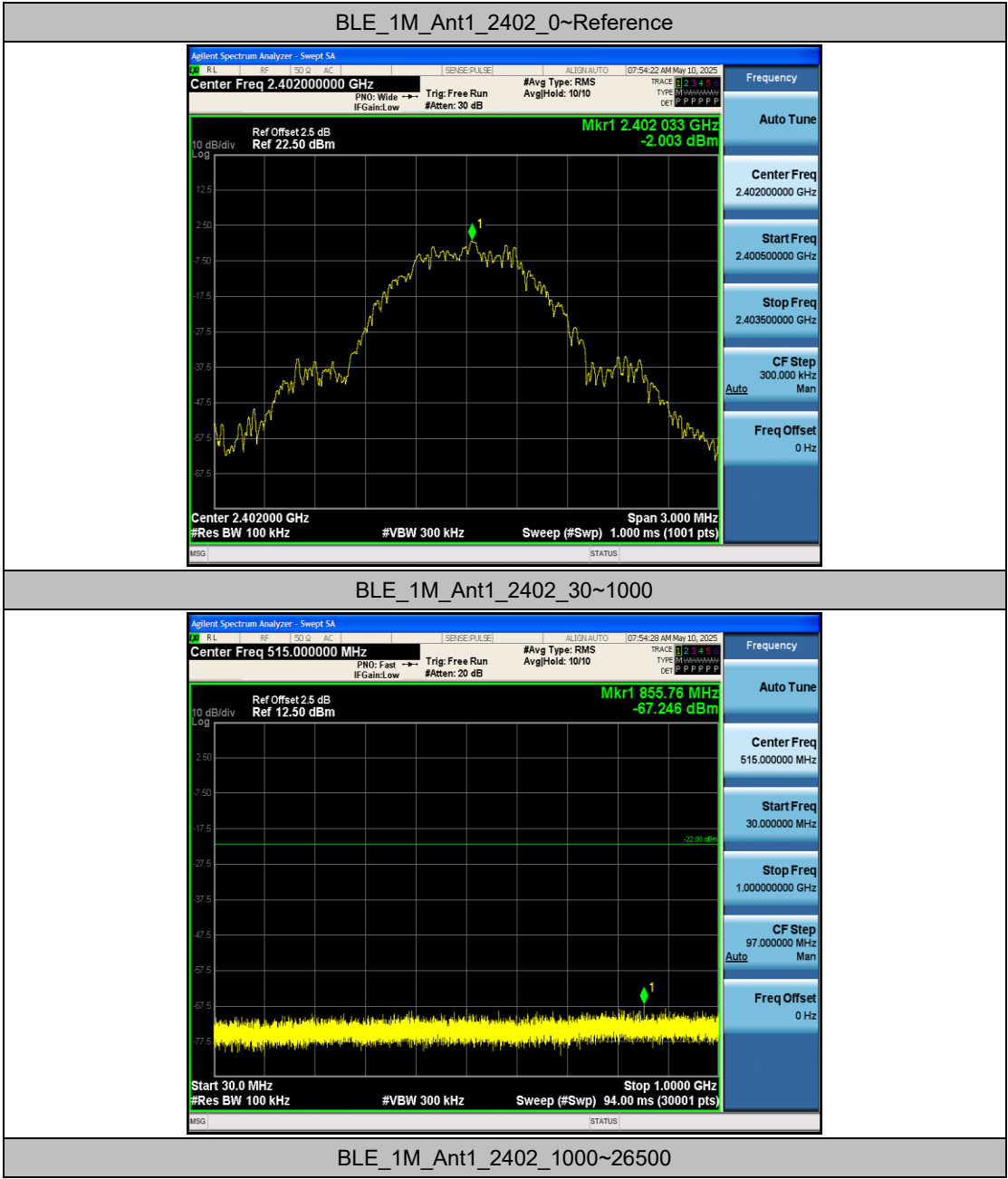


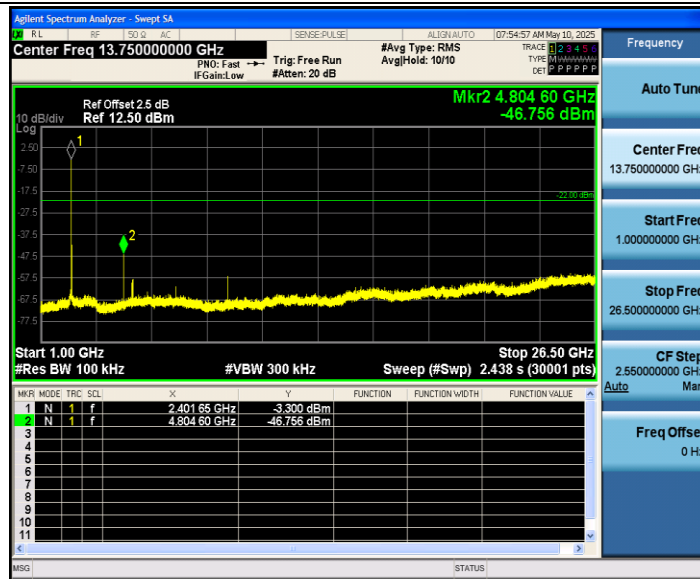
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.00	-2.00	---	PASS
			30~1000	-2.00	-67.25	≤-22	PASS
			1000~26500	-2.00	-46.76	≤-22	PASS
		2440	Reference	-3.46	-3.46	---	PASS
			30~1000	-3.46	-68.44	≤-23.46	PASS
			1000~26500	-3.46	-47.89	≤-23.46	PASS
		2480	Reference	-4.61	-4.61	---	PASS
			30~1000	-4.61	-69.87	≤-24.61	PASS
			1000~26500	-4.61	-49.77	≤-24.61	PASS
BLE_2M	Ant1	2402	Reference	-5.37	-5.37	---	PASS
			30~1000	-5.37	-68.32	≤-25.37	PASS
			1000~26500	-5.37	-47.87	≤-25.37	PASS
		2440	Reference	-2.33	-2.33	---	PASS
			30~1000	-2.33	-66.56	≤-22.33	PASS
			1000~26500	-2.33	-49.97	≤-22.33	PASS
		2480	Reference	-6.13	-6.13	---	PASS
			30~1000	-6.13	-67.84	≤-26.13	PASS
			1000~26500	-6.13	-48.81	≤-26.13	PASS

Test Graphs

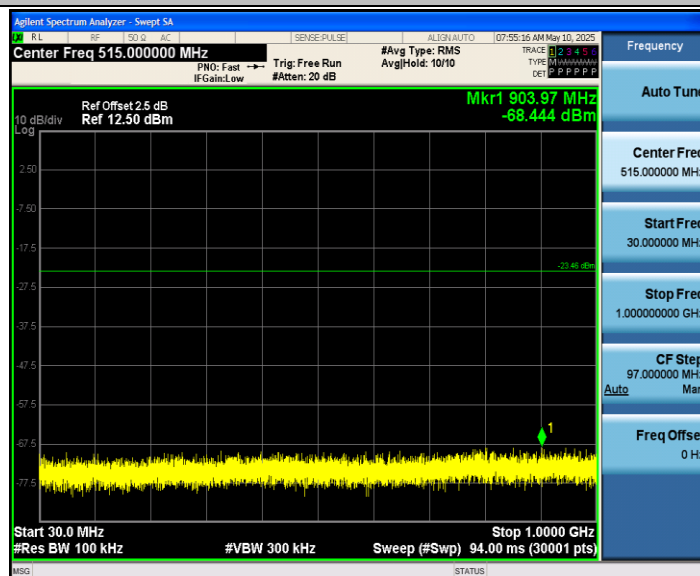




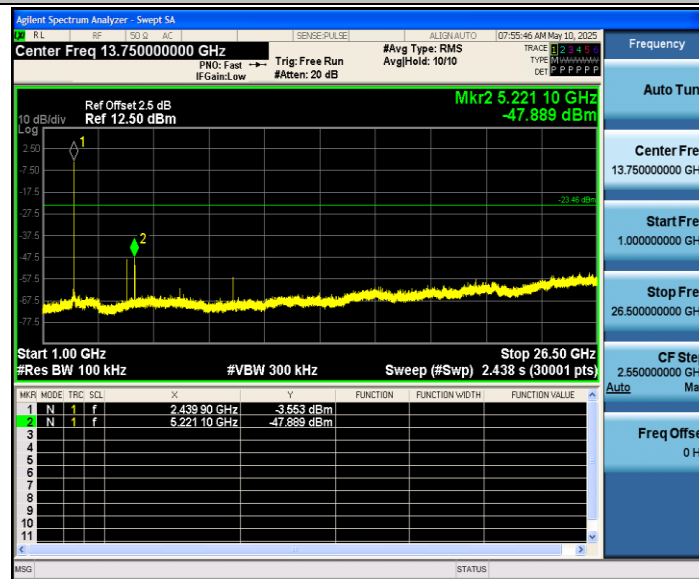
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



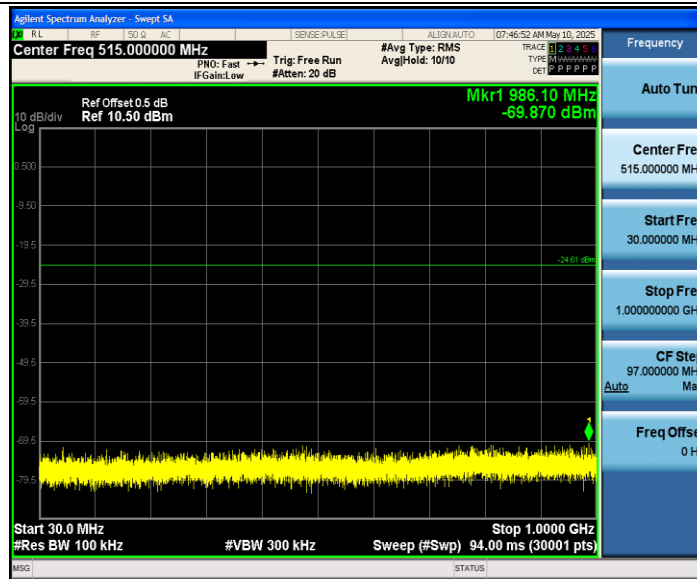
BLE_1M_Ant1_2440_1000~26500



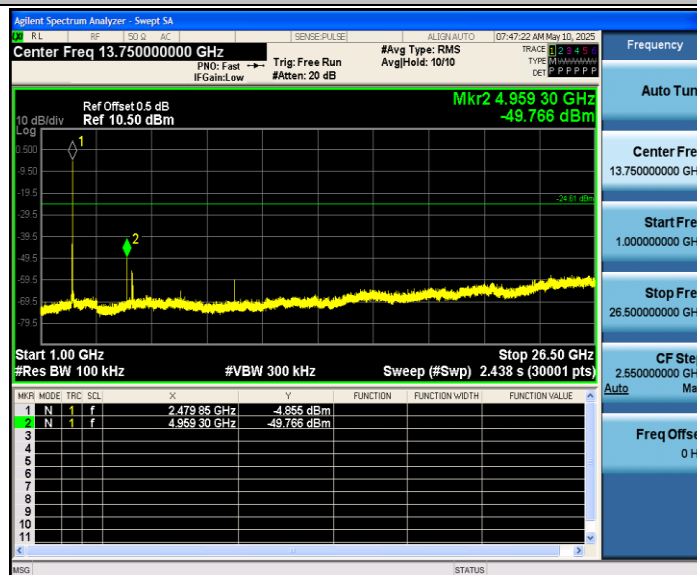
BLE_1M_Ant1_2480_0~Reference



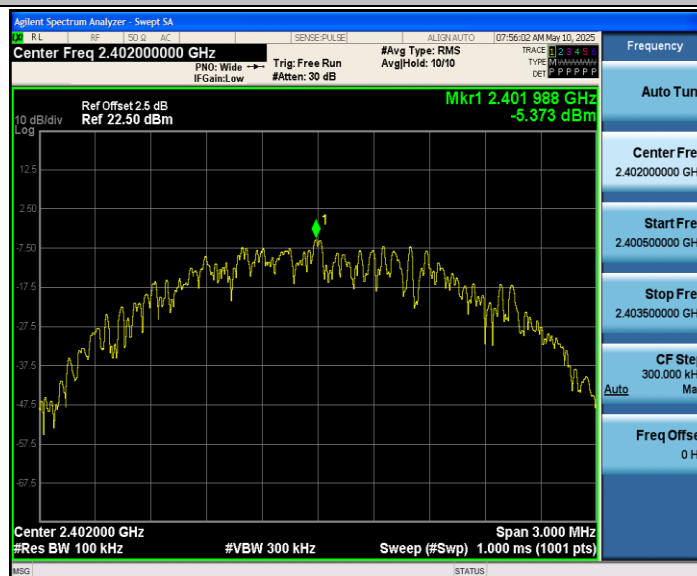
BLE_1M_Ant1_2480_30~1000



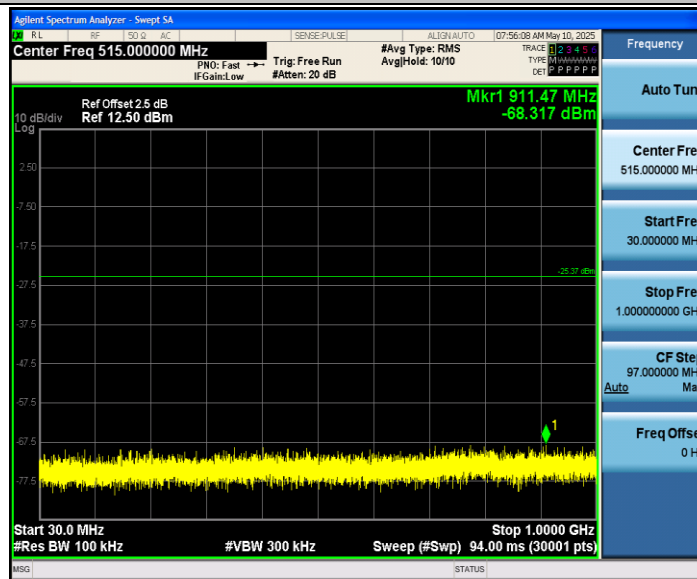
BLE_1M_Ant1_2480_1000~26500



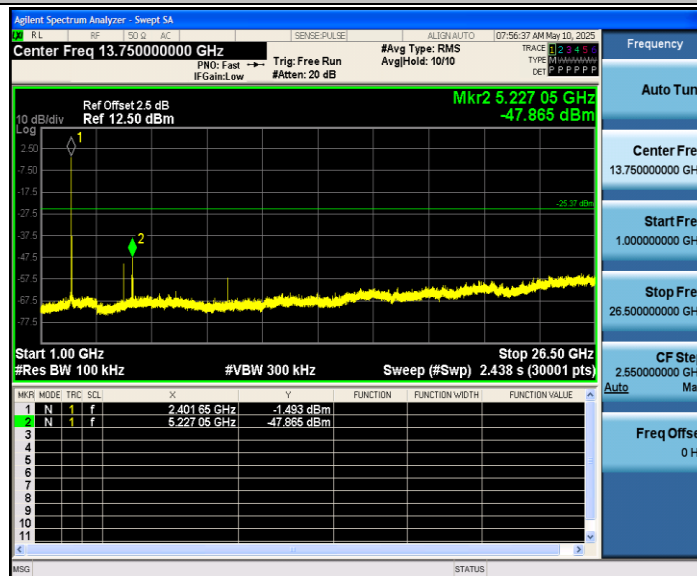
BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



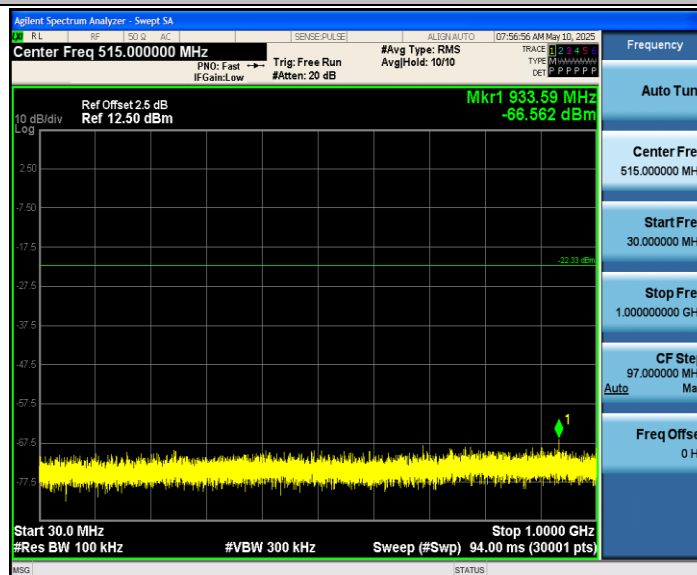
BLE_2M_Ant1_2402_1000~26500



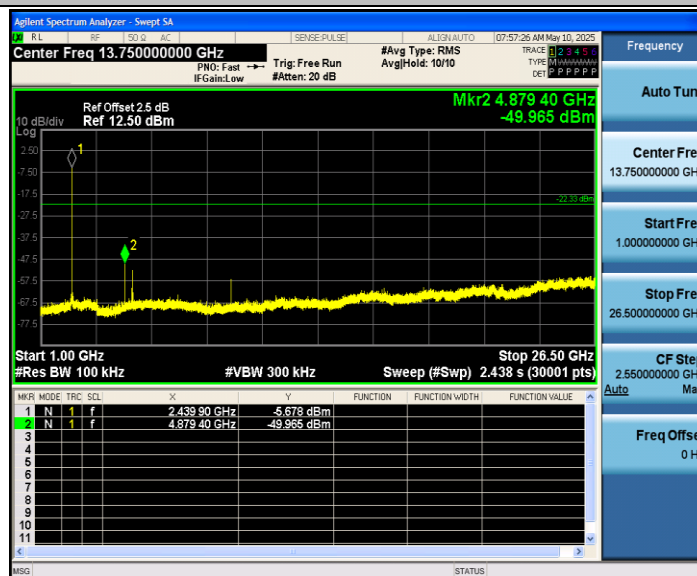
BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



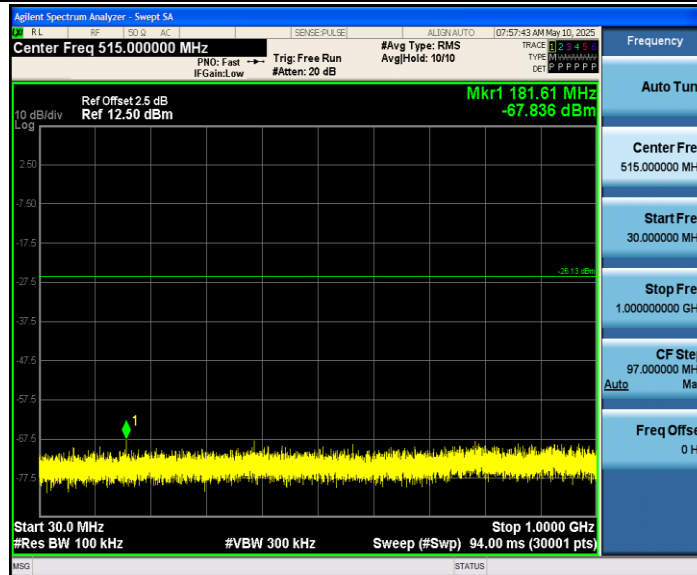
BLE_2M_Ant1_2440_1000~26500



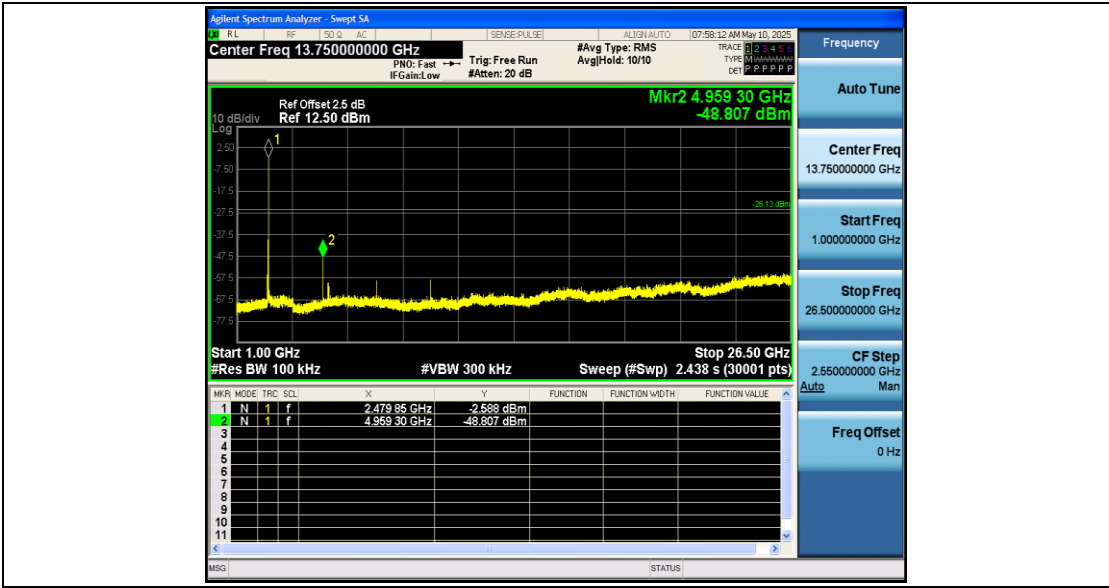
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500

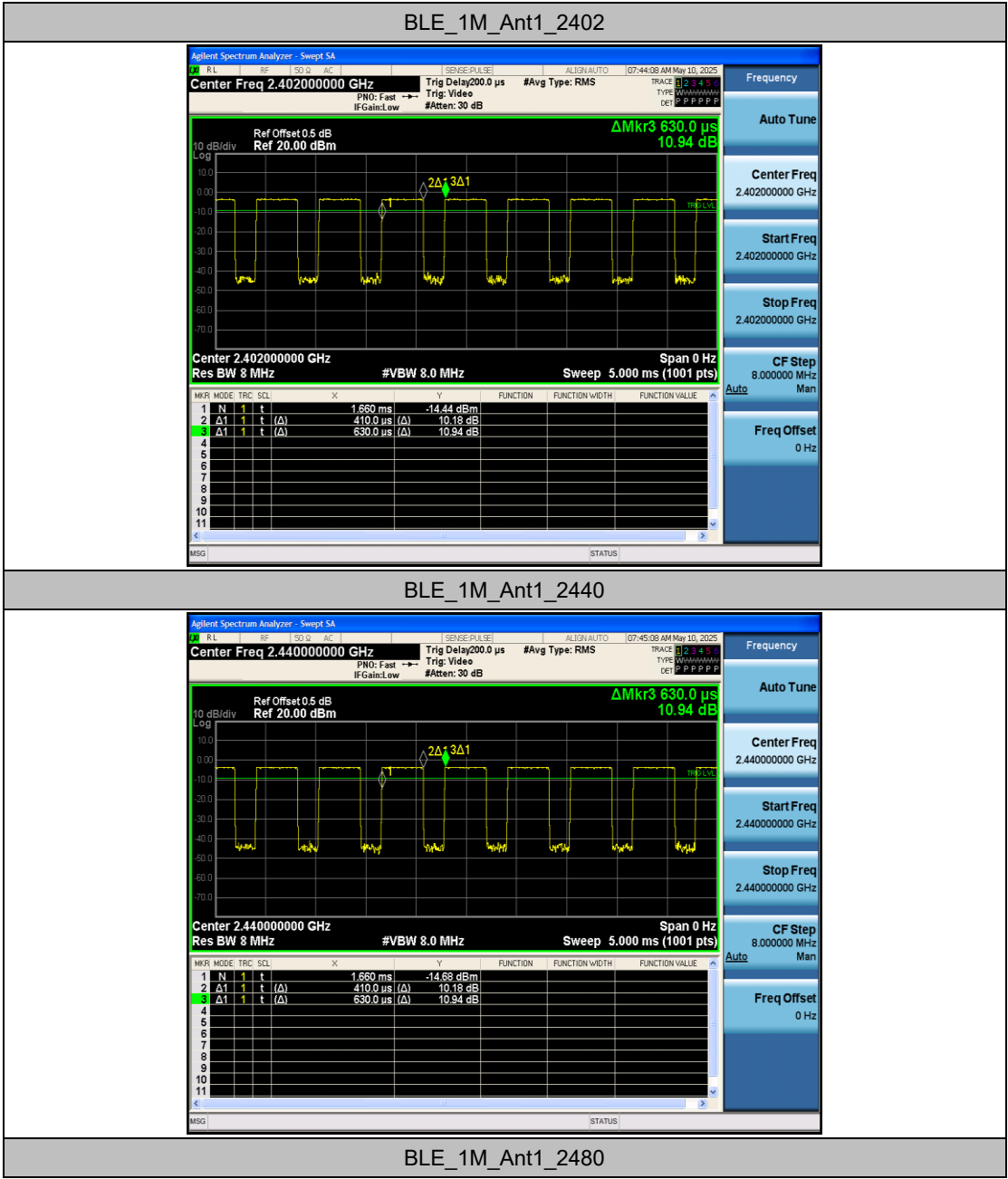


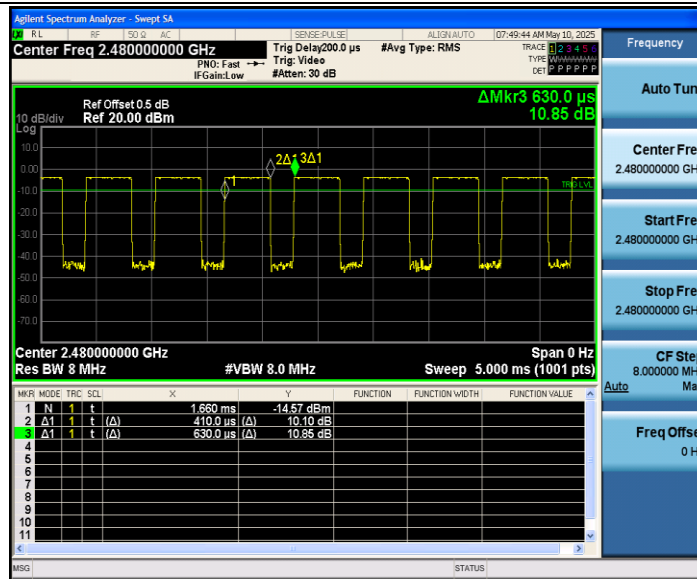
Appendix G: Duty Cycle

Test Result

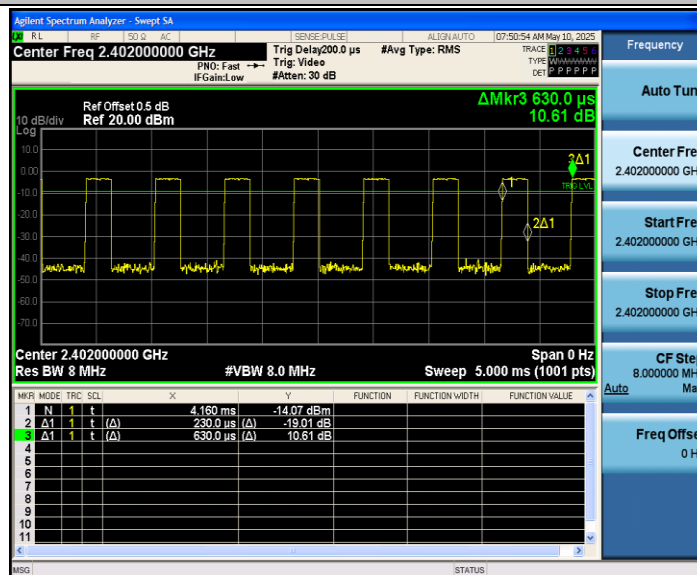
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.41	0.63	0.6508	65.08	1.87	---	---
		2440	0.41	0.63	0.6508	65.08	1.87	---	---
		2480	0.41	0.63	0.6508	65.08	1.87	---	---
BLE_2M	Ant1	2402	0.23	0.63	0.3651	36.51	4.38	---	---
		2440	0.23	0.63	0.3651	36.51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

Test Graphs

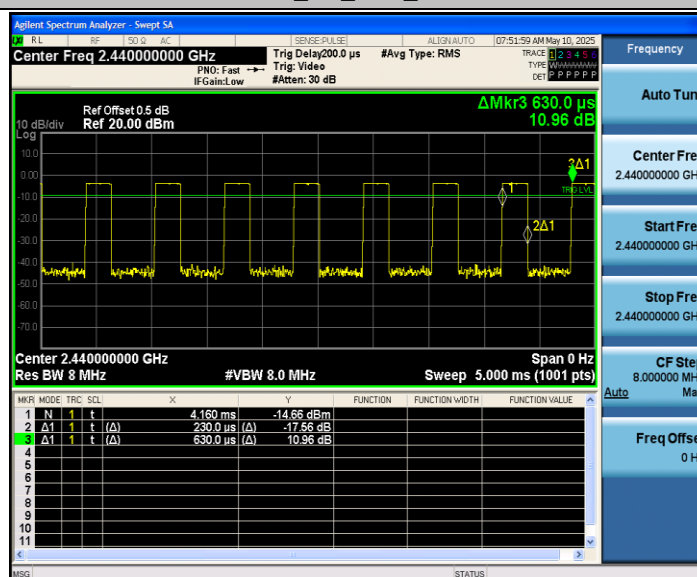




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

