

FCC Appendix RF Test Data

FCC ID : 2BOX2-M66PRO

Company: : Shenzhen Zhuozuan Technology Co., Ltd.

EUT : Tablet computer

Model Number : M66 Pro

Report No. : CTA25032100310

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	0.632	2401.688	2402.320	0.5	PASS
		2440	0.652	2439.680	2440.332	0.5	PASS
		2480	0.664	2479.676	2480.340	0.5	PASS
BLE_2M	Ant1	2402	1.140	2401.432	2402.572	0.5	PASS
		2440	1.140	2439.440	2440.580	0.5	PASS
		2480	1.116	2479.432	2480.548	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

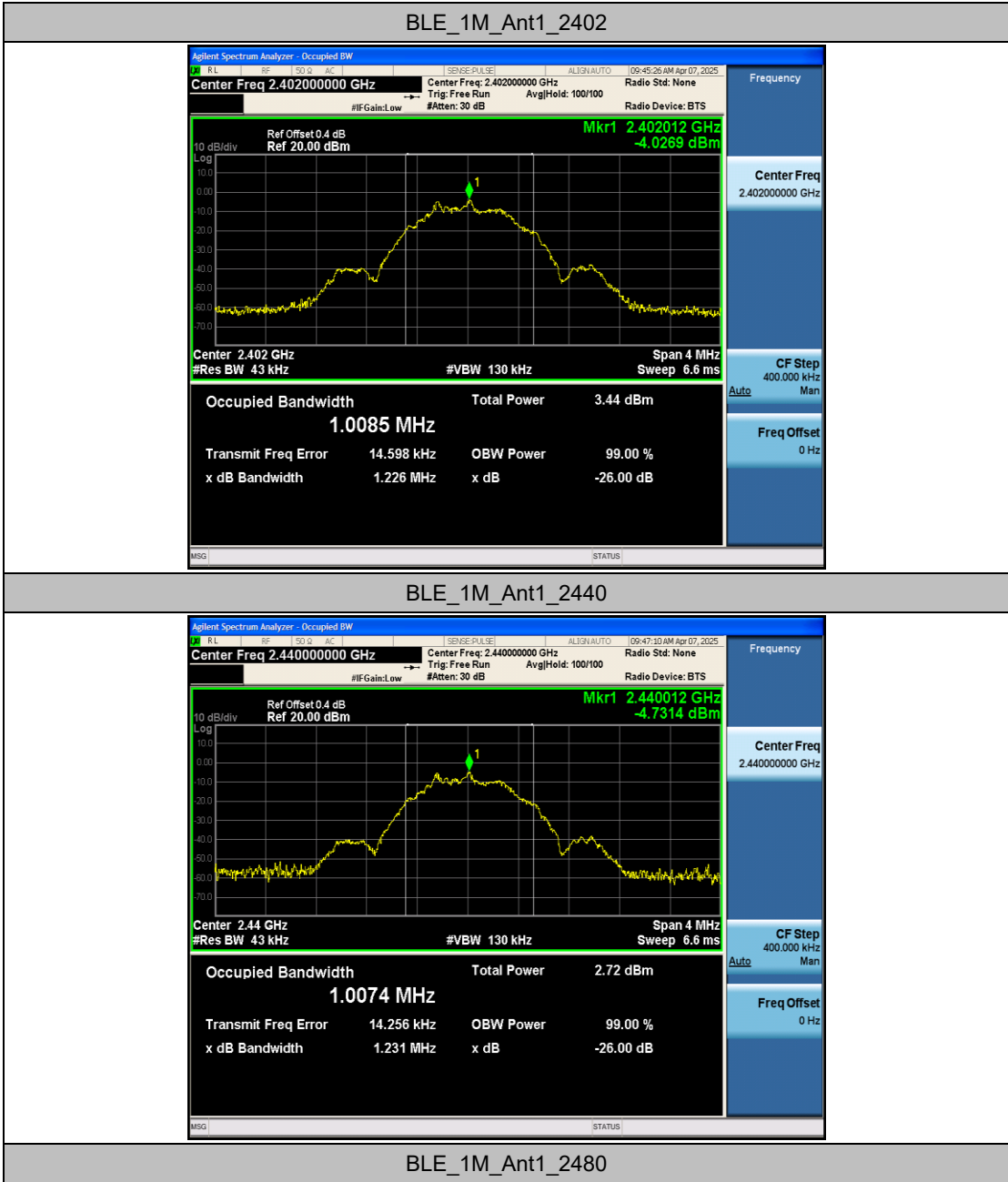


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0085	2401.5104	2402.5189	---	---
		2440	1.0074	2439.5106	2440.5180	---	---
		2480	1.0054	2479.5121	2480.5175	---	---
BLE_2M	Ant1	2402	2.0044	2401.0255	2403.0299	---	---
		2440	2.0040	2439.0240	2441.0280	---	---
		2480	1.9995	2479.0310	2481.0305	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

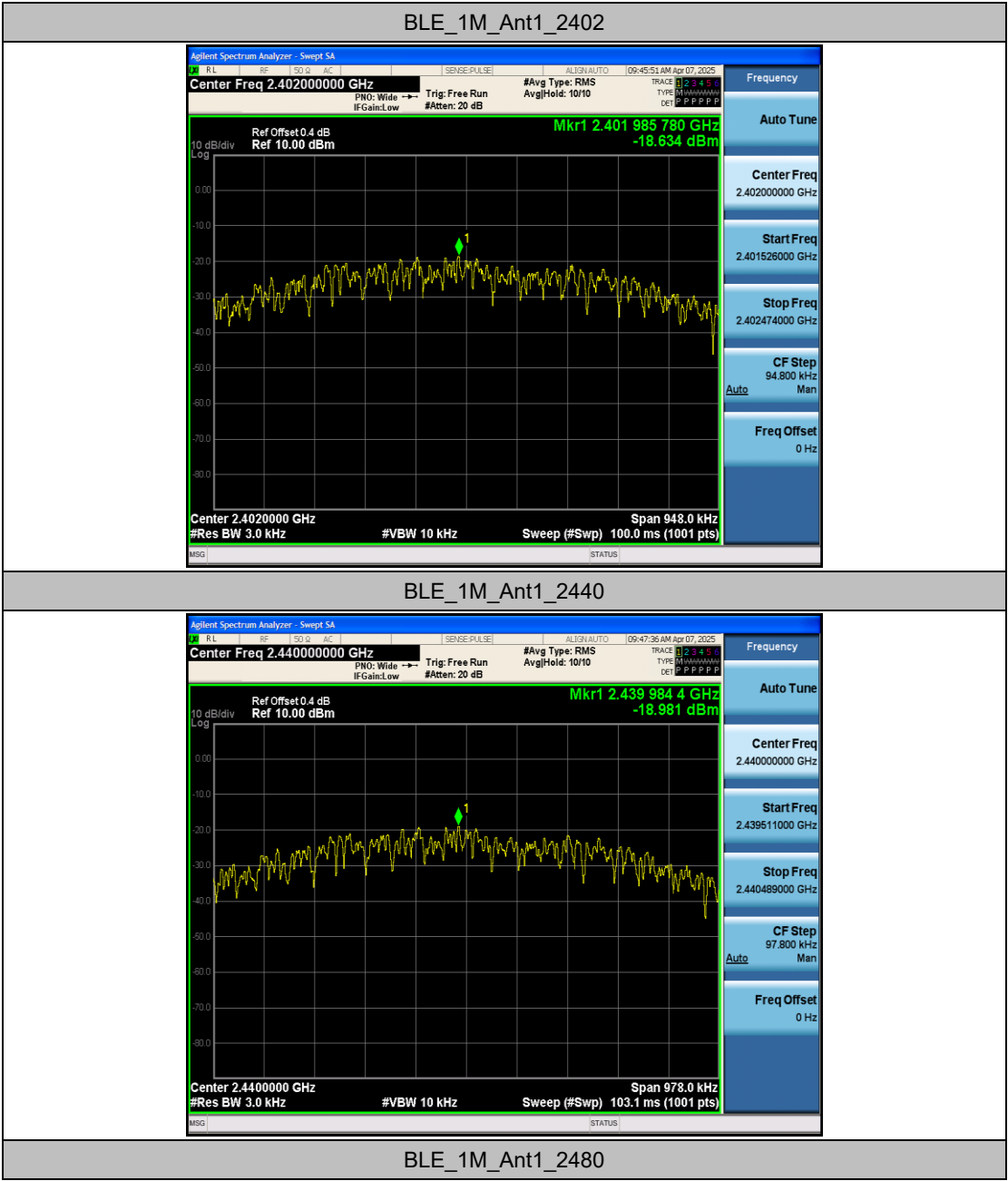
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.78	≤30	PASS
		2440	-3.38	≤30	PASS
		2480	-3.72	≤30	PASS
BLE_2M	Ant1	2402	-2.87	≤30	PASS
		2440	-3.45	≤30	PASS
		2480	-3.76	≤30	PASS

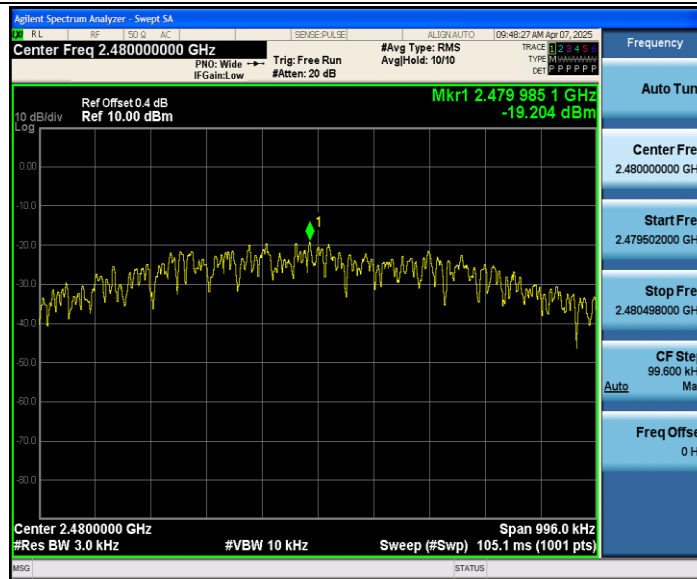
Appendix D: Maximum power spectral density

Test Result

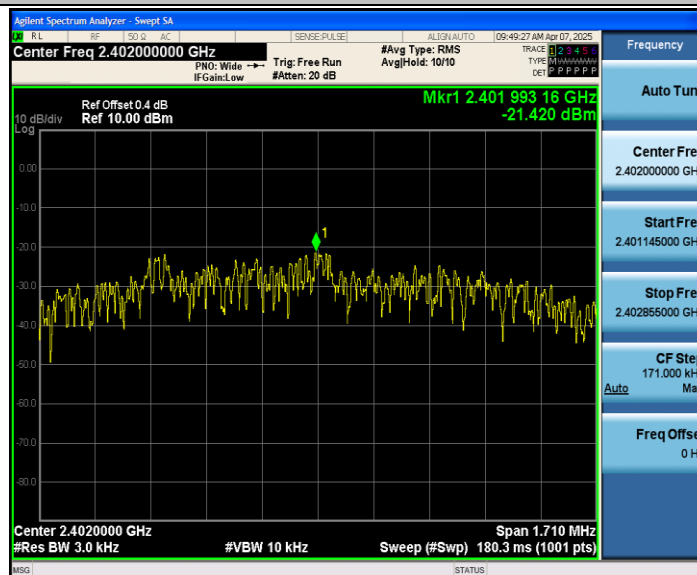
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.63	≤8.00	PASS
		2440	-18.98	≤8.00	PASS
		2480	-19.20	≤8.00	PASS
BLE_2M	Ant1	2402	-21.42	≤8.00	PASS
		2440	-22.04	≤8.00	PASS
		2480	-22.01	≤8.00	PASS

Test Graphs

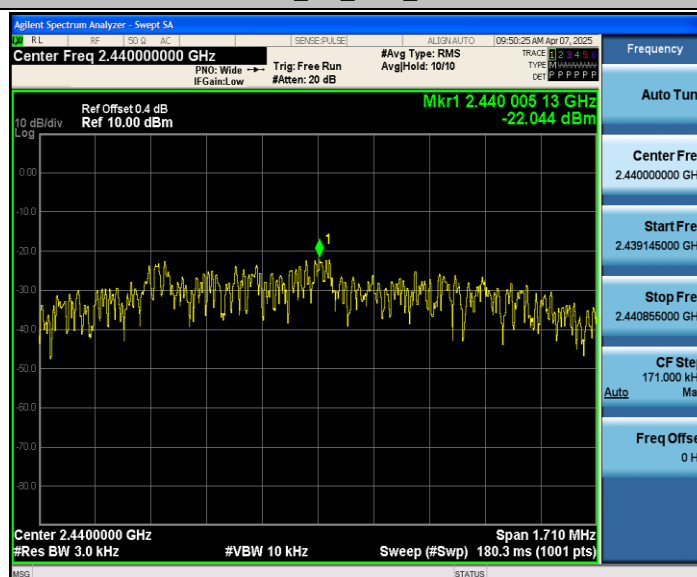




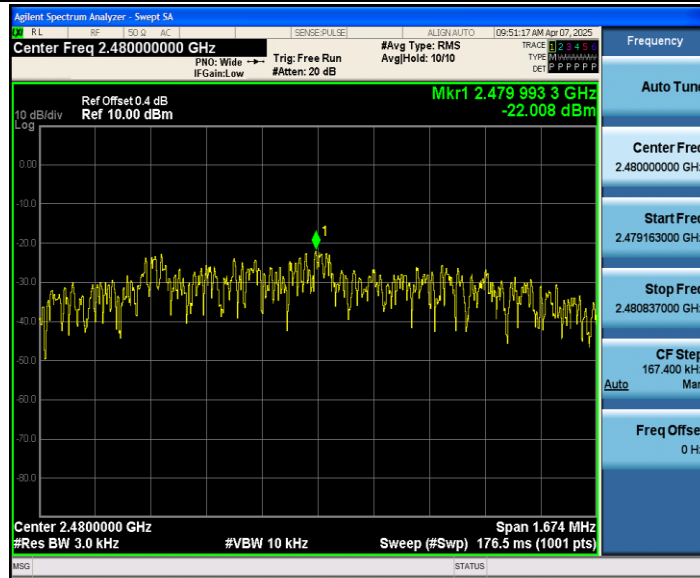
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

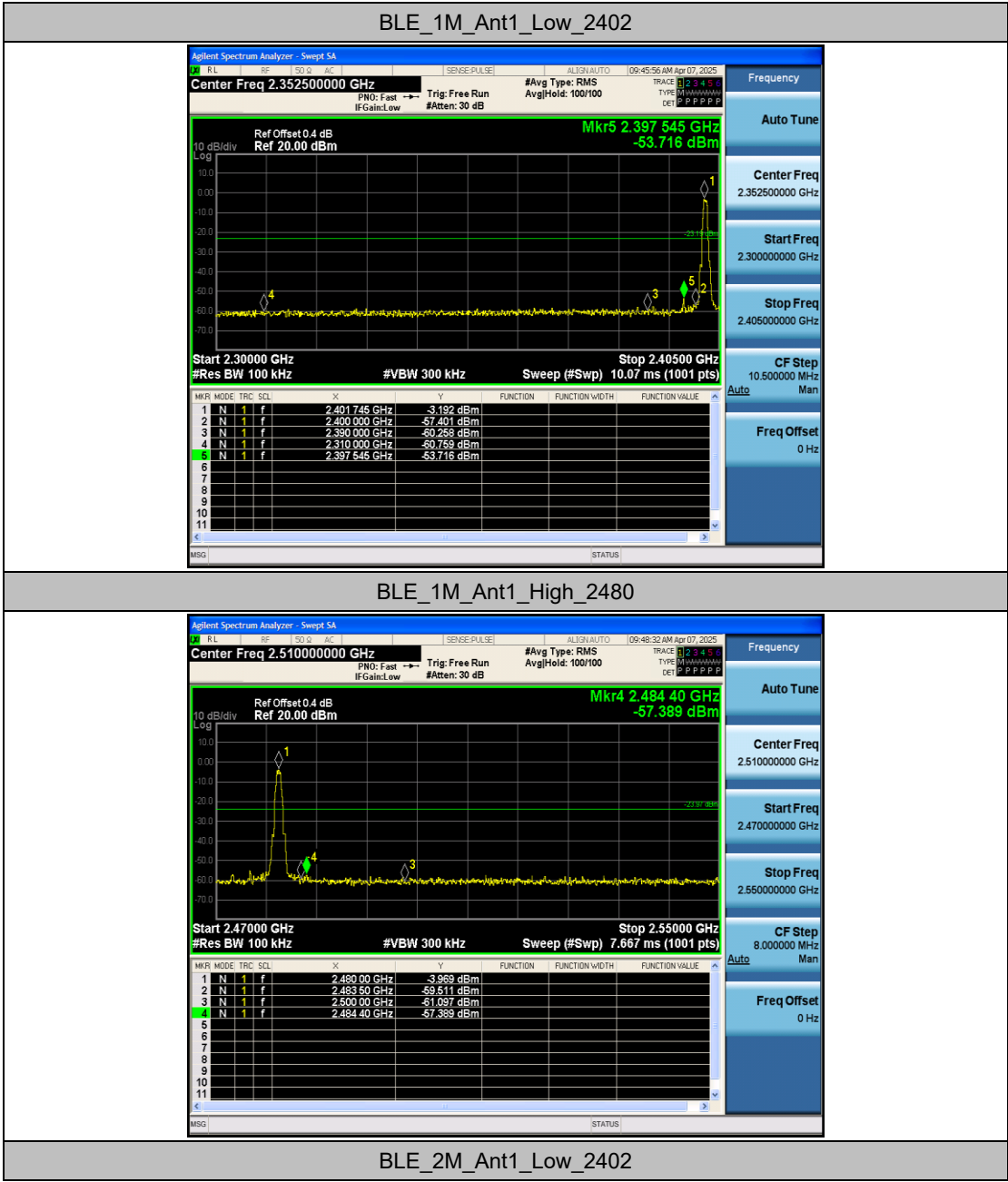


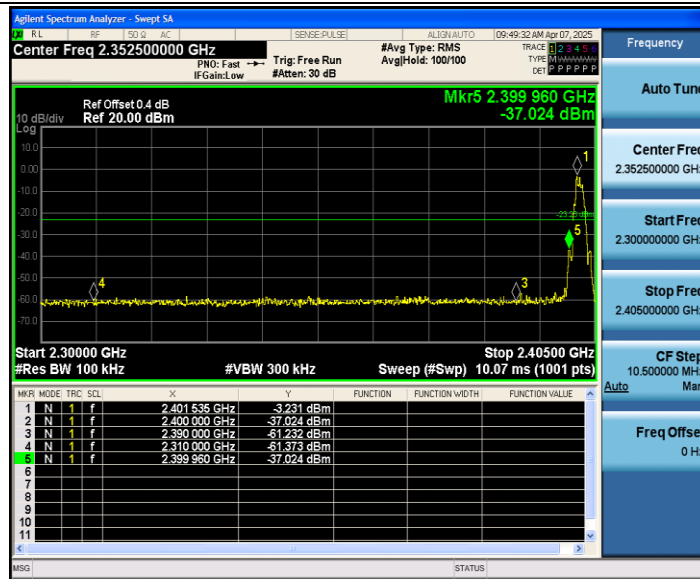
Appendix E: Band edge measurements

Test Result

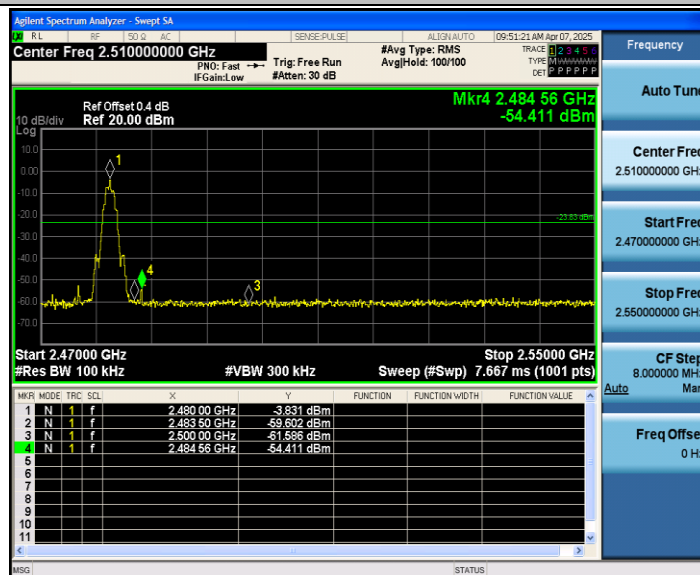
TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.19	-53.72	≤-23.19	PASS
		High	2480	-3.97	-57.39	≤-23.97	PASS
BLE_2M	Ant1	Low	2402	-3.23	-37.02	≤-23.23	PASS
		High	2480	-3.83	-54.41	≤-23.83	PASS

Test Graphs





BLE_2M_Ant1_High_2480

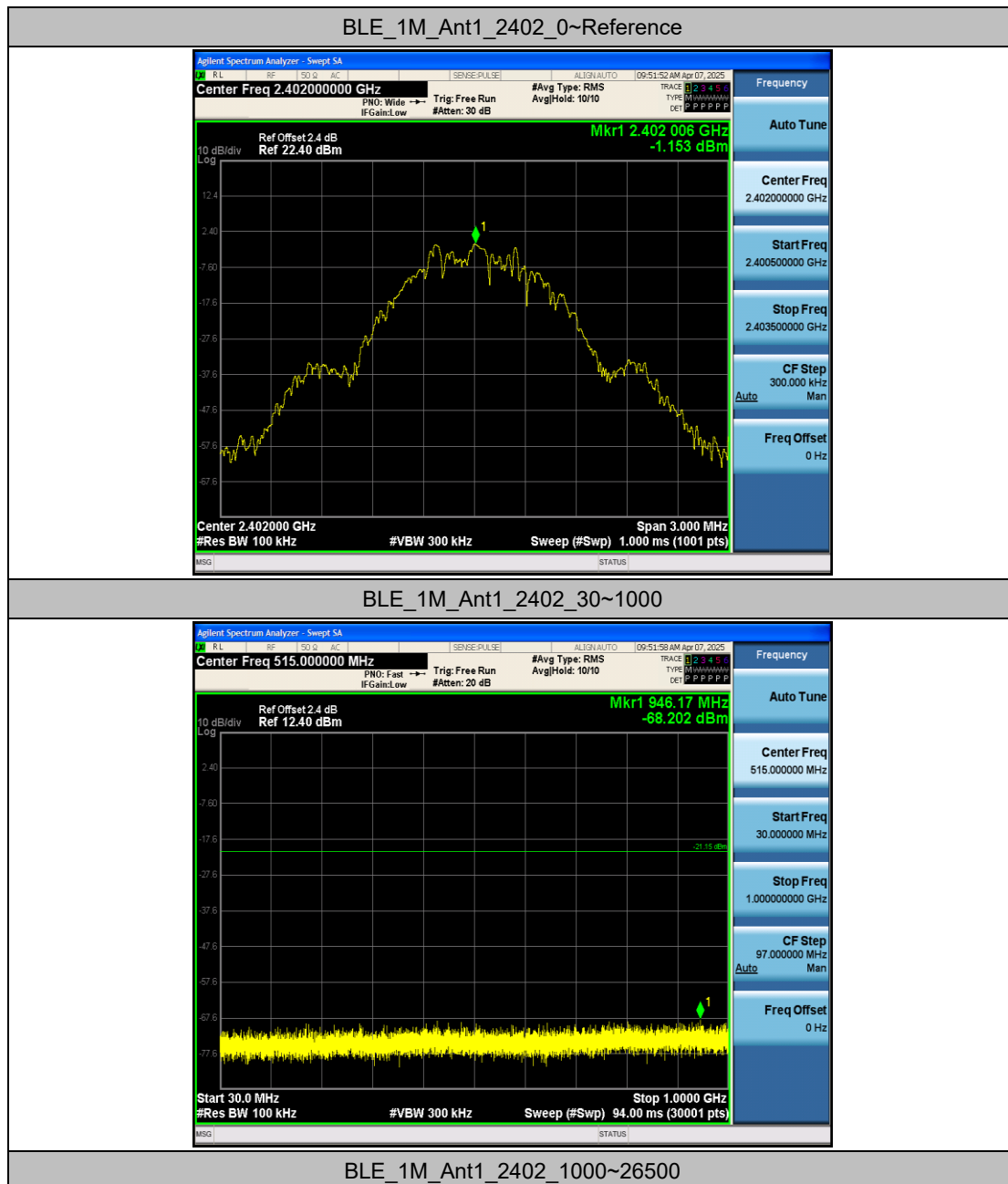


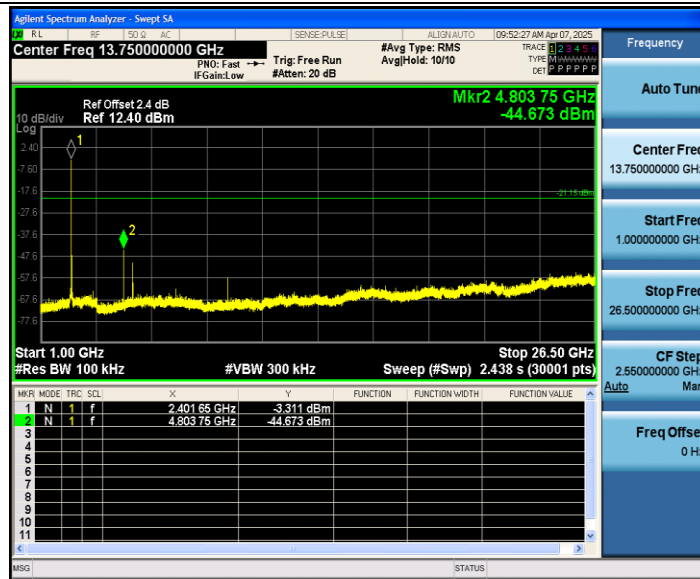
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.15	-1.15	---	PASS
			30~1000	-1.15	-68.2	≤-21.15	PASS
			1000~26500	-1.15	-44.67	≤-21.15	PASS
		2440	Reference	-2.19	-2.19	---	PASS
			30~1000	-2.19	-67.23	≤-22.19	PASS
			1000~26500	-2.19	-46.57	≤-22.19	PASS
		2480	Reference	-2.05	-2.05	---	PASS
			30~1000	-2.05	-68.43	≤-22.05	PASS
			1000~26500	-2.05	-46.04	≤-22.05	PASS
BLE_2M	Ant1	2402	Reference	-1.91	-1.91	---	PASS
			30~1000	-1.91	-68.39	≤-21.91	PASS
			1000~26500	-1.91	-44.07	≤-21.91	PASS
		2440	Reference	-4.71	-4.71	---	PASS
			30~1000	-4.71	-42.23	≤-24.71	PASS
			1000~26500	-4.71	-45.56	≤-24.71	PASS
		2480	Reference	-4.18	-4.18	---	PASS
			30~1000	-4.18	-47.47	≤-24.18	PASS
			1000~26500	-4.18	-46.1	≤-24.18	PASS

Test Graphs

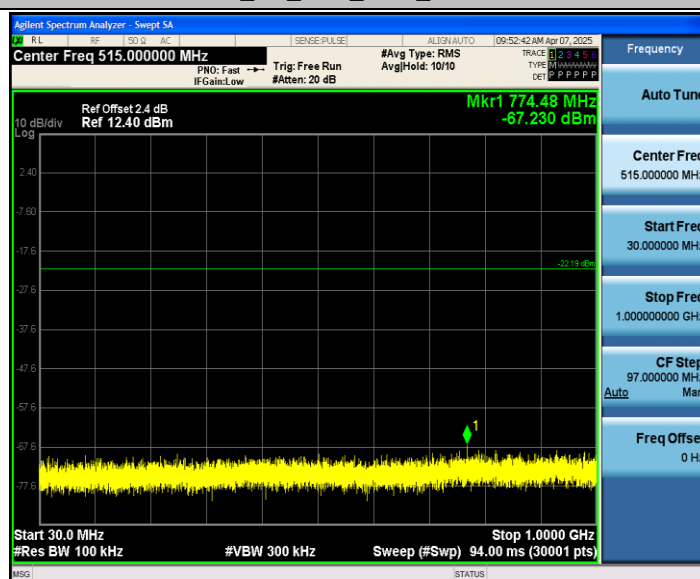




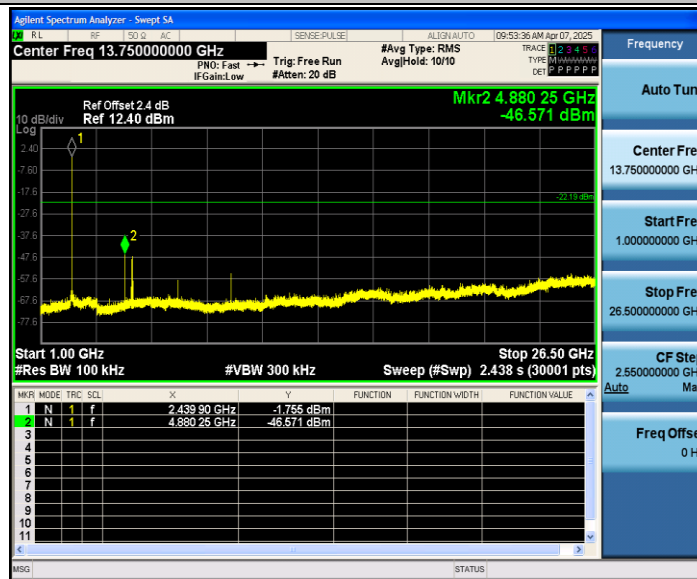
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



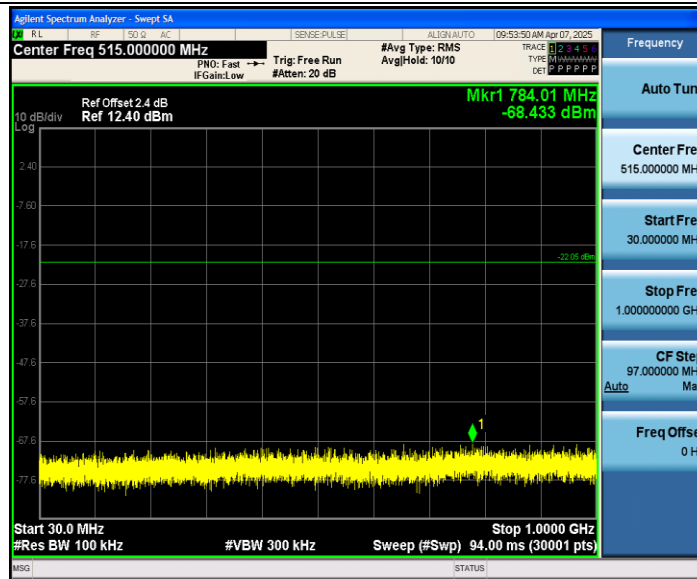
BLE_1M_Ant1_2440_1000~26500



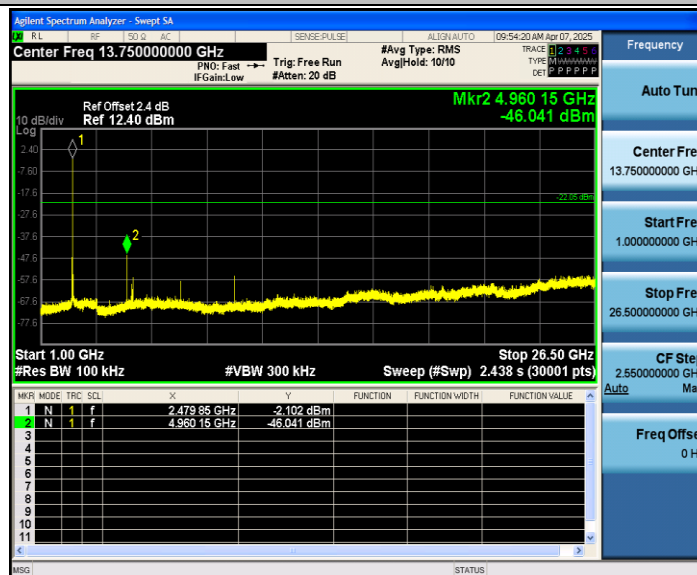
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



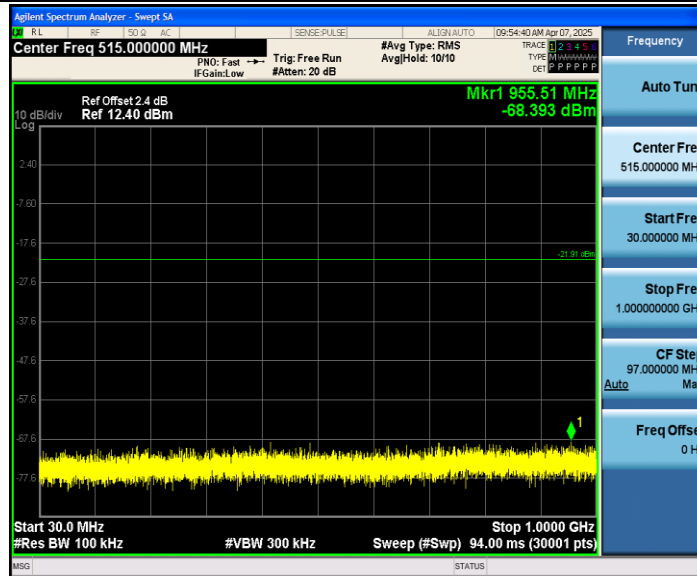
BLE_1M_Ant1_2480_1000~26500



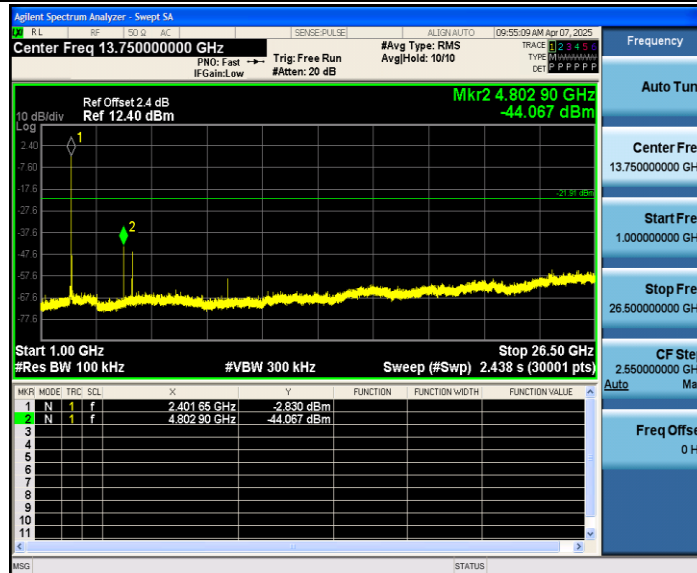
BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



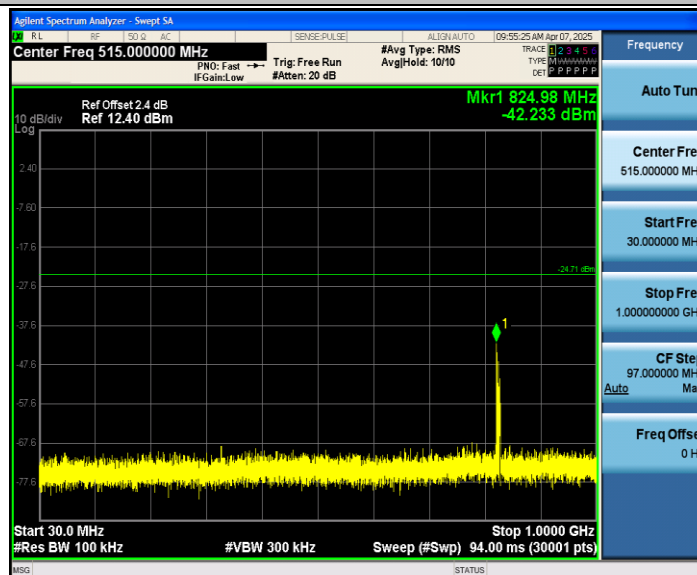
BLE_2M_Ant1_2402_1000~26500



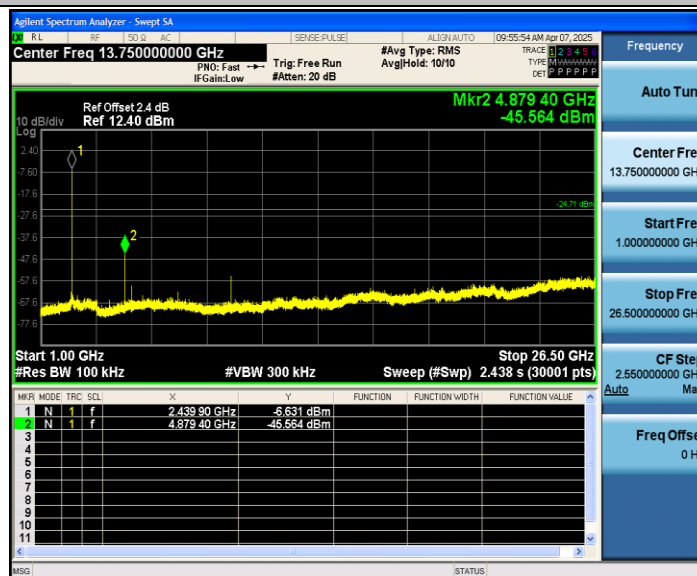
BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



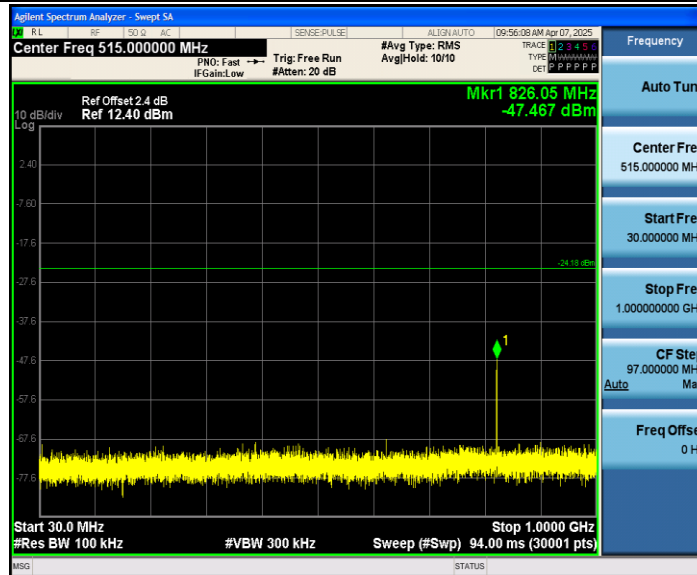
BLE_2M_Ant1_2440_1000~26500



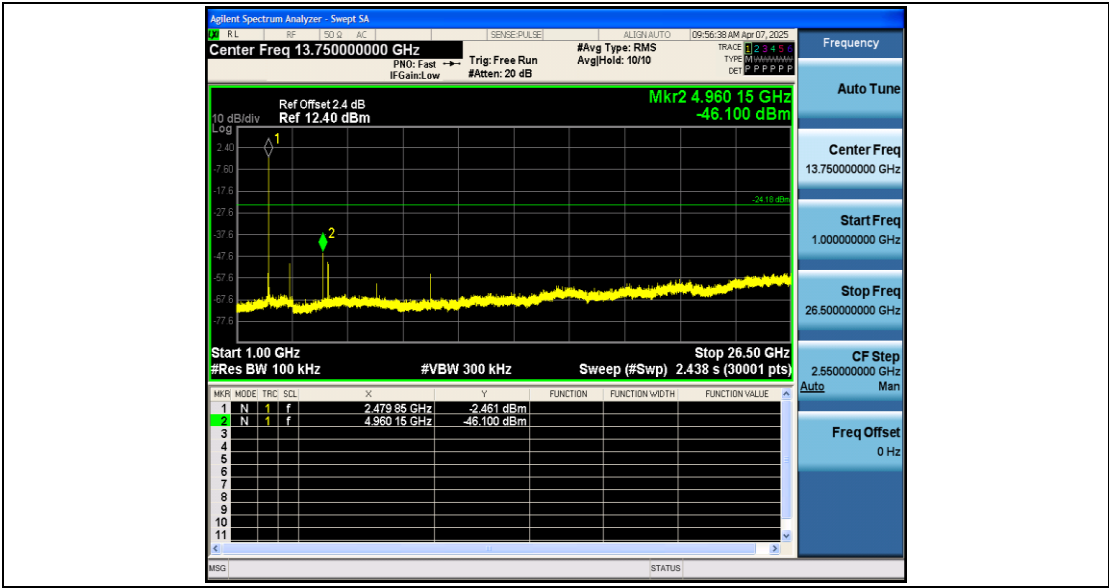
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500

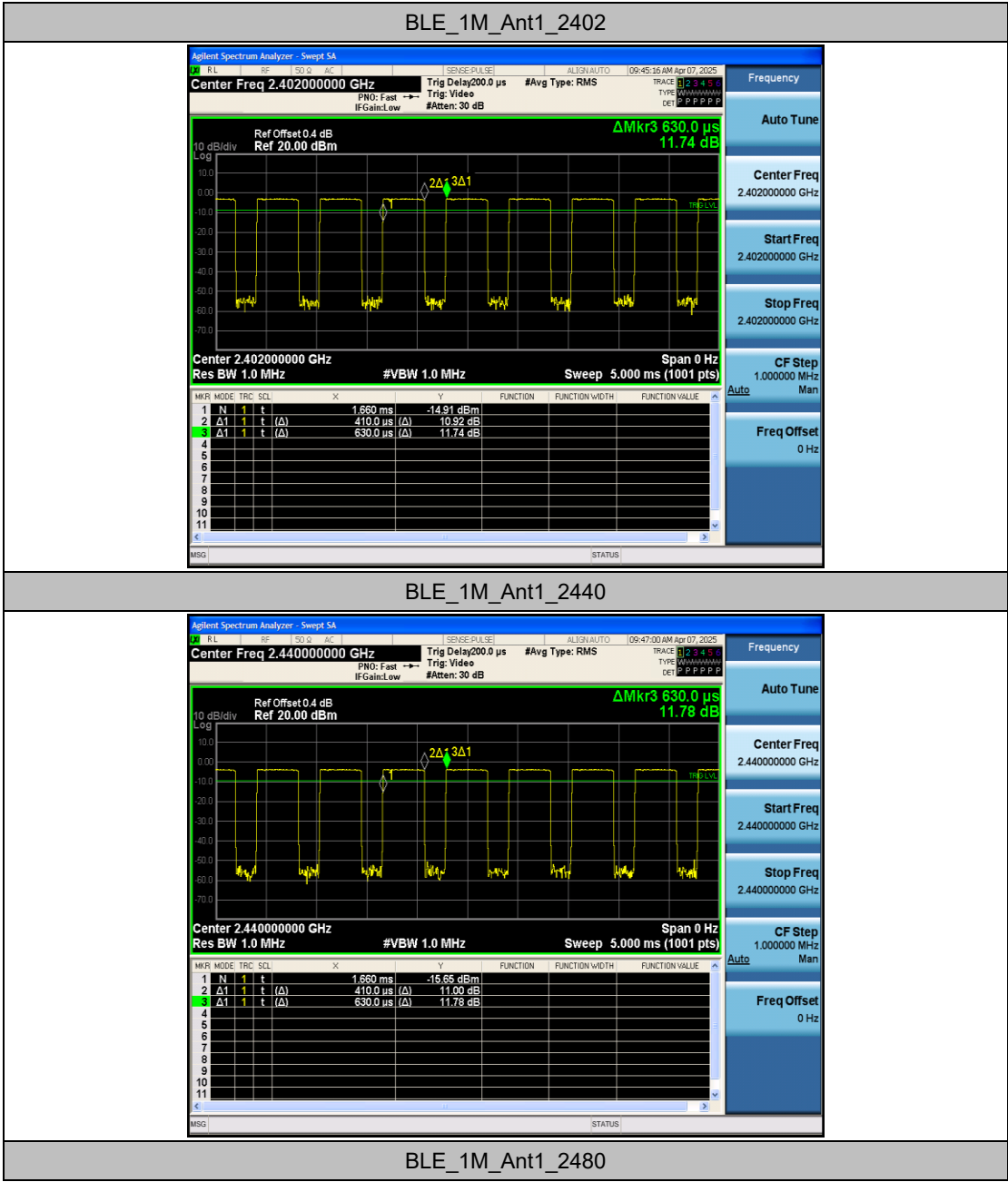


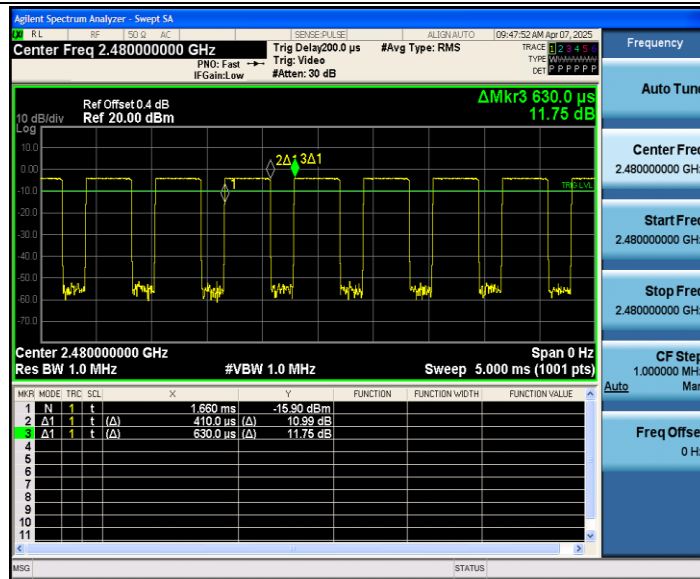
Appendix J: Duty Cycle

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

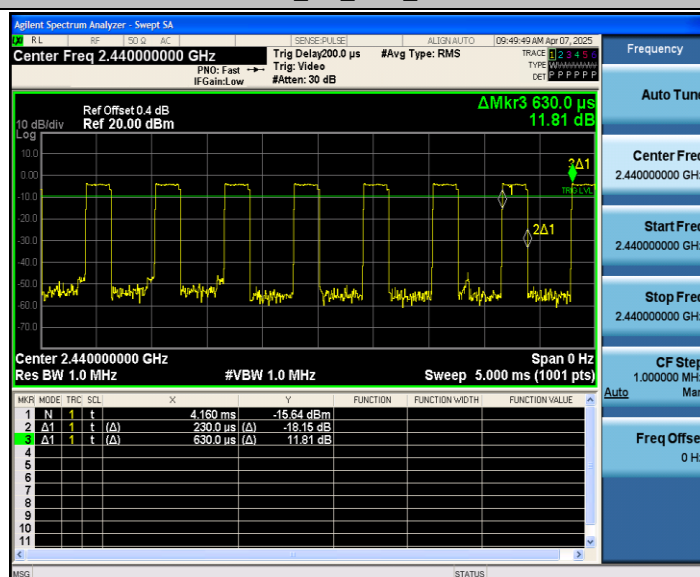




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

