

FCC Appendix RF Test Data

FCC ID : 2AN5K-G71SPRO

Company : SHENZHEN SIEGEON technology co.,LTD

EUT : Bluetooth Smart Remote Control

Model Number : G71S PRO

Report No. : CTA25070800801

Reviewed By : Eric Wang

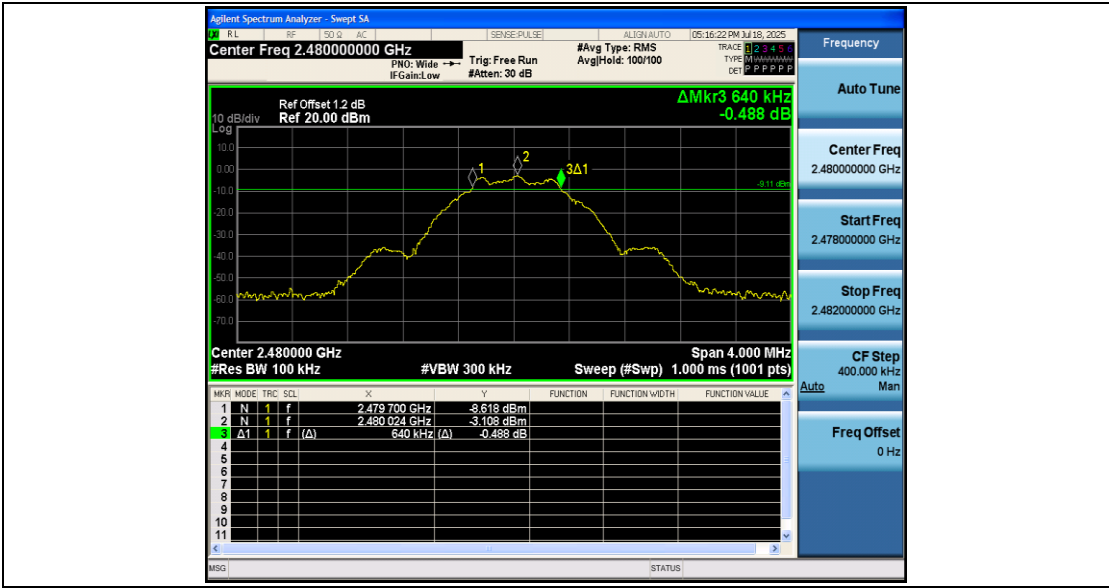
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.660	2401.680	2402.340	0.5	PASS
		2440	0.640	2439.688	2440.328	0.5	PASS
		2480	0.640	2479.700	2480.340	0.5	PASS

Test Graphs



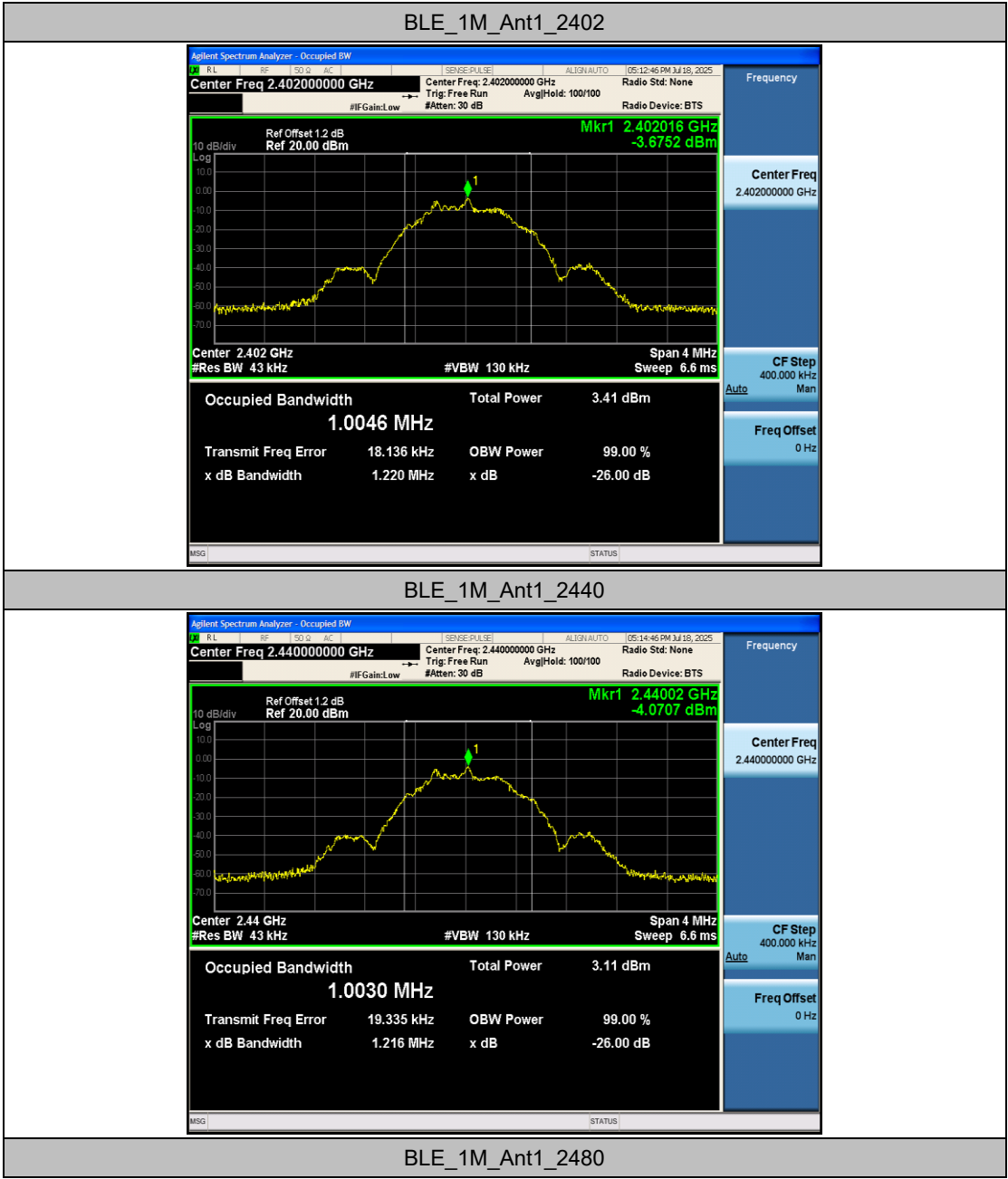


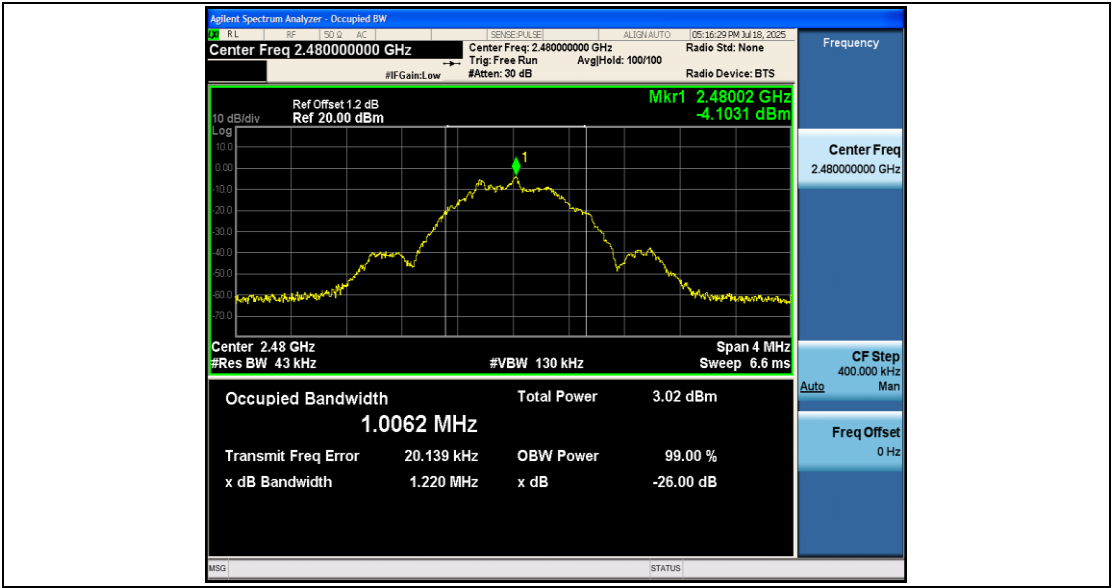
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0046	2401.5158	2402.5204	---	---
		2440	1.0030	2439.5178	2440.5208	---	---
		2480	1.0062	2479.5170	2480.5232	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

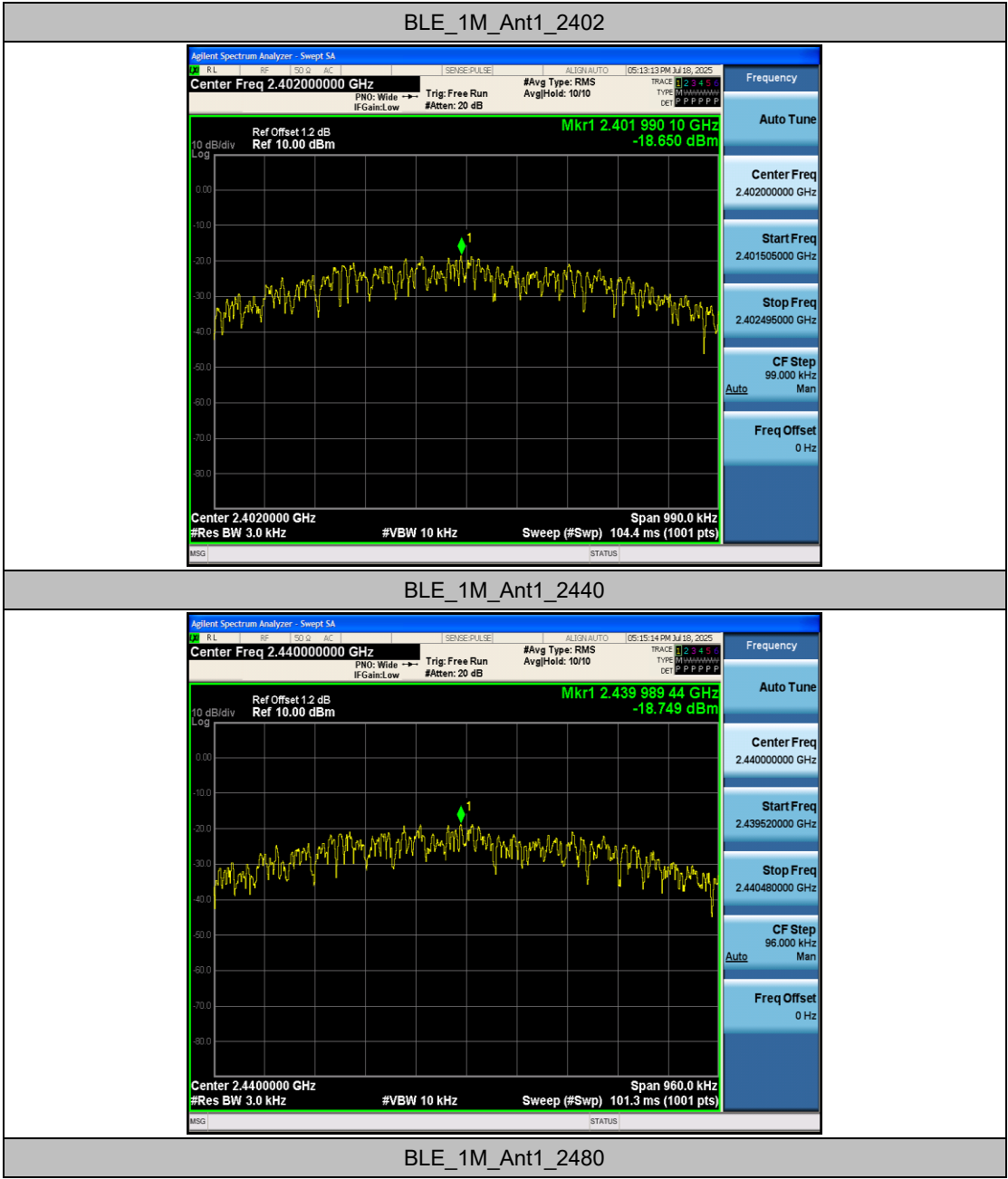
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.67	≤30	PASS
		2440	-3.04	≤30	PASS
		2480	-2.98	≤30	PASS

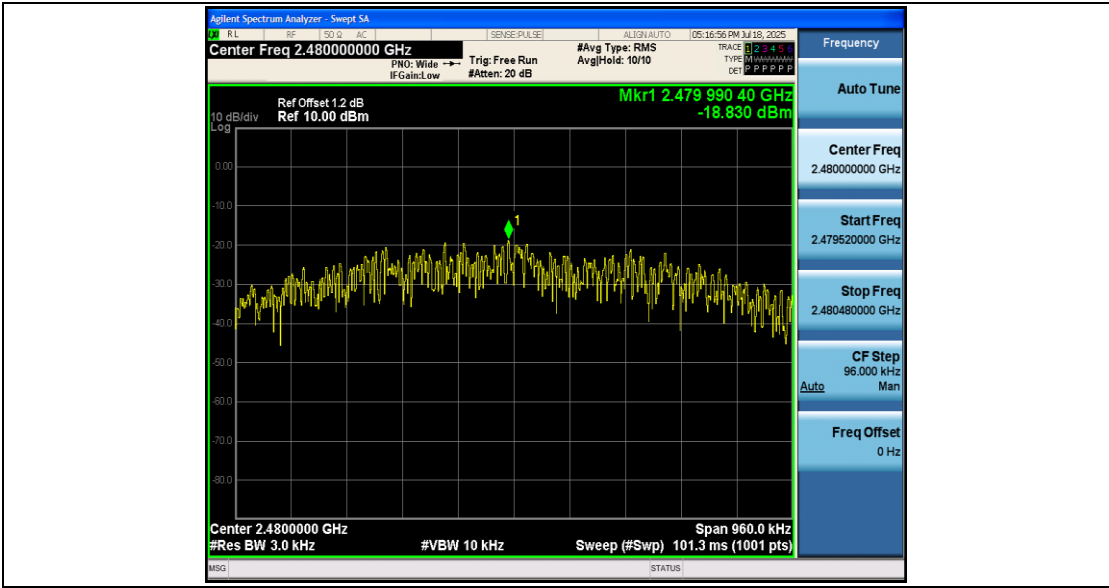
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.65	≤8.00	PASS
		2440	-18.75	≤8.00	PASS
		2480	-18.83	≤8.00	PASS

Test Graphs



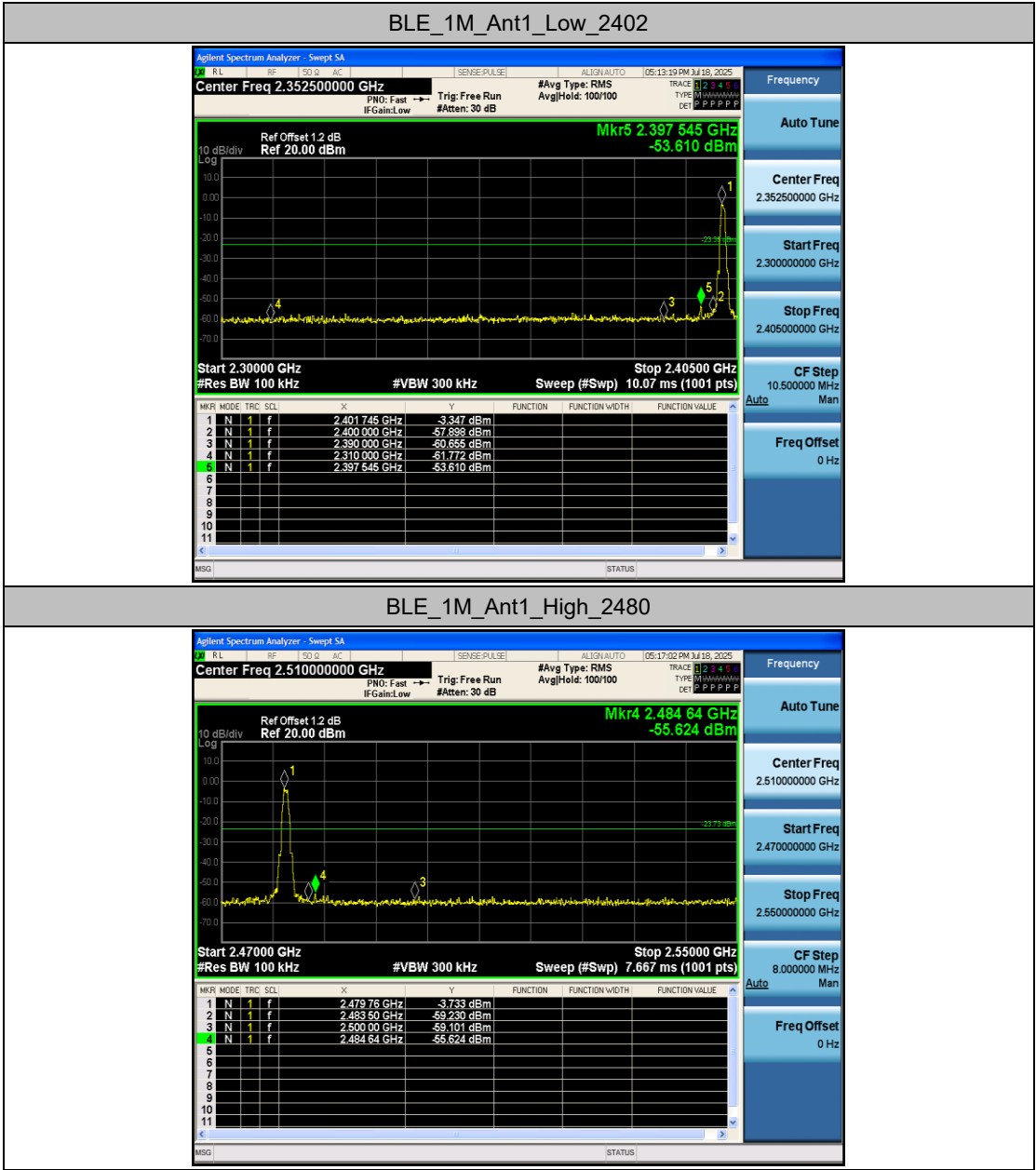


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.35	-53.61	≤-23.35	PASS
		High	2480	-3.73	-55.62	≤-23.73	PASS

Test Graphs

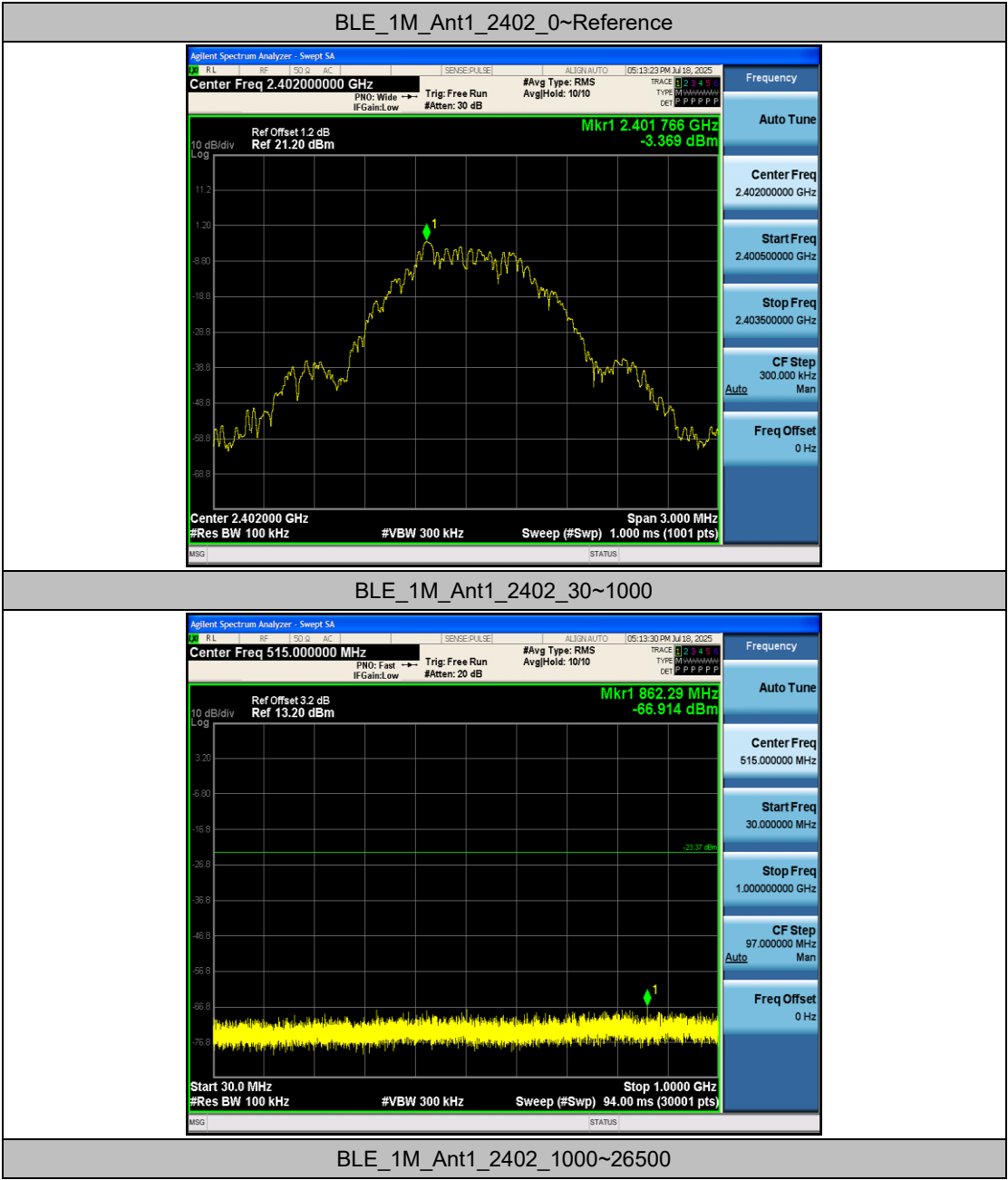


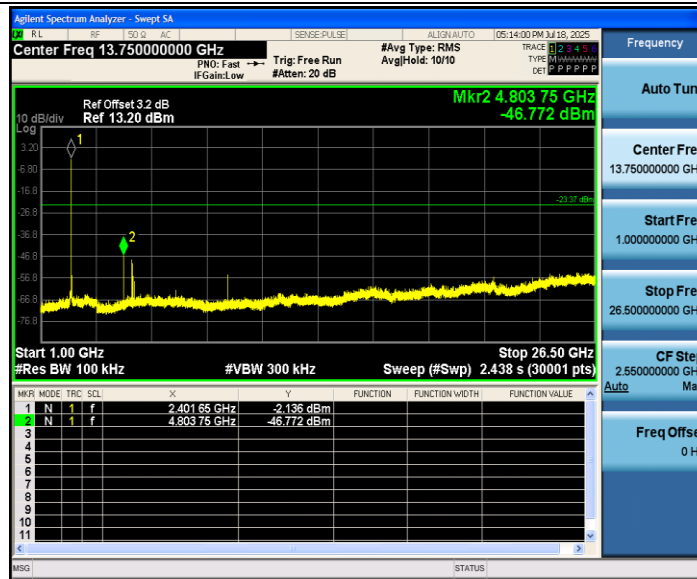
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.37	-3.37	---	PASS
			30~1000	-3.37	-66.91	≤-23.37	PASS
			1000~26500	-3.37	-46.77	≤-23.37	PASS
		2440	Reference	-3.66	-3.66	---	PASS
			30~1000	-3.66	-67.57	≤-23.66	PASS
			1000~26500	-3.66	-46.36	≤-23.66	PASS
		2480	Reference	-3.61	-3.61	---	PASS
			30~1000	-3.61	-66.75	≤-23.61	PASS
			1000~26500	-3.61	-48.23	≤-23.61	PASS

Test Graphs

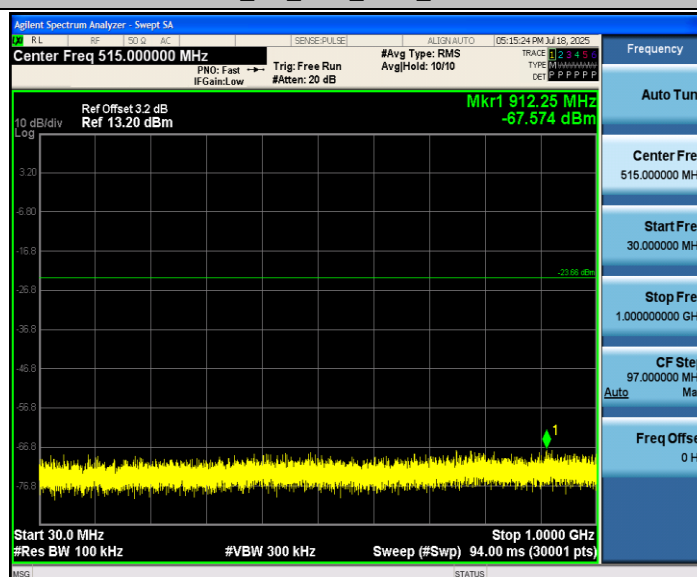




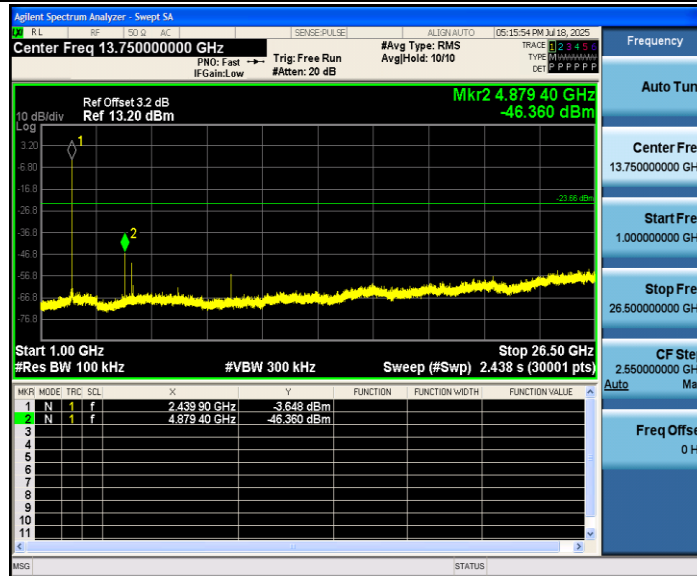
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



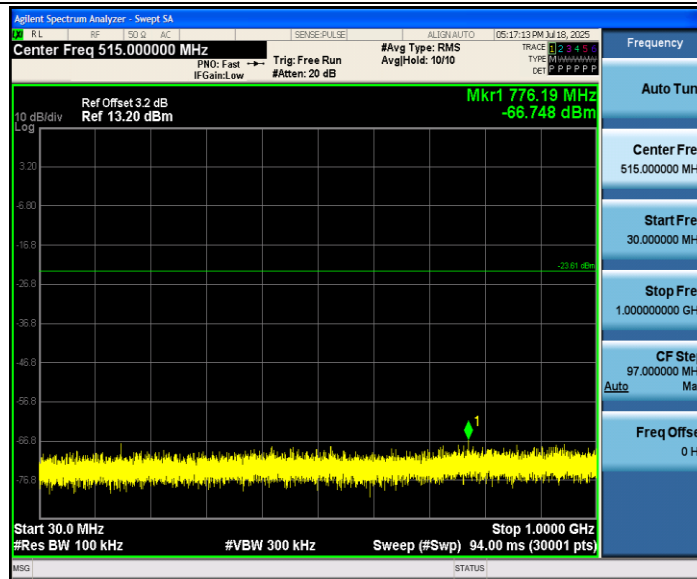
BLE_1M_Ant1_2440_1000~26500



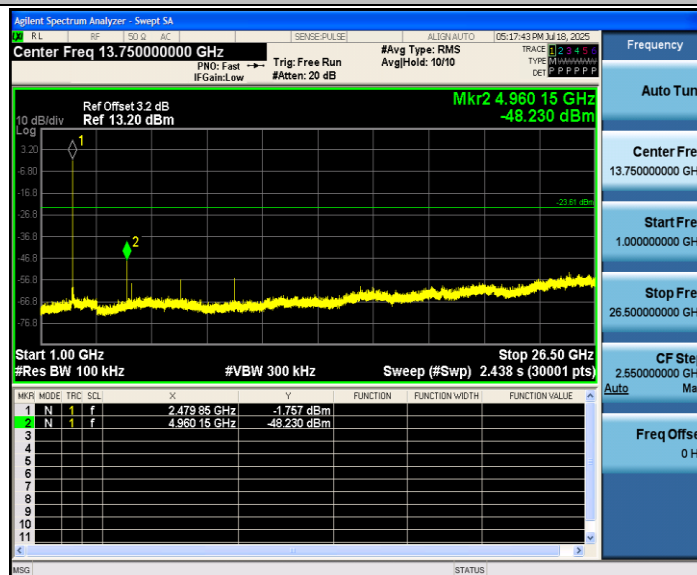
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



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	0.62	0.6613	66.13	1.80	---	---
		2440	0.41	0.63	0.6508	65.08	1.87	---	---
		2480	0.41	0.62	0.6613	66.13	1.80	---	---

Test Graphs

