

FCC Appendix RF Test Data

FCC ID : 2BO6V-KI-E065TV

Company: : SHENZHEN KINGIMAGE TECHNOLOGY CO.,LTD.

EUT : OUTDOOR TV

Model Number : KI-E065TV

Report No. : CTA25040801601

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	0.656	2401.668	2402.324	0.5	PASS
		2440	0.656	2439.672	2440.328	0.5	PASS
		2480	0.656	2479.672	2480.328	0.5	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

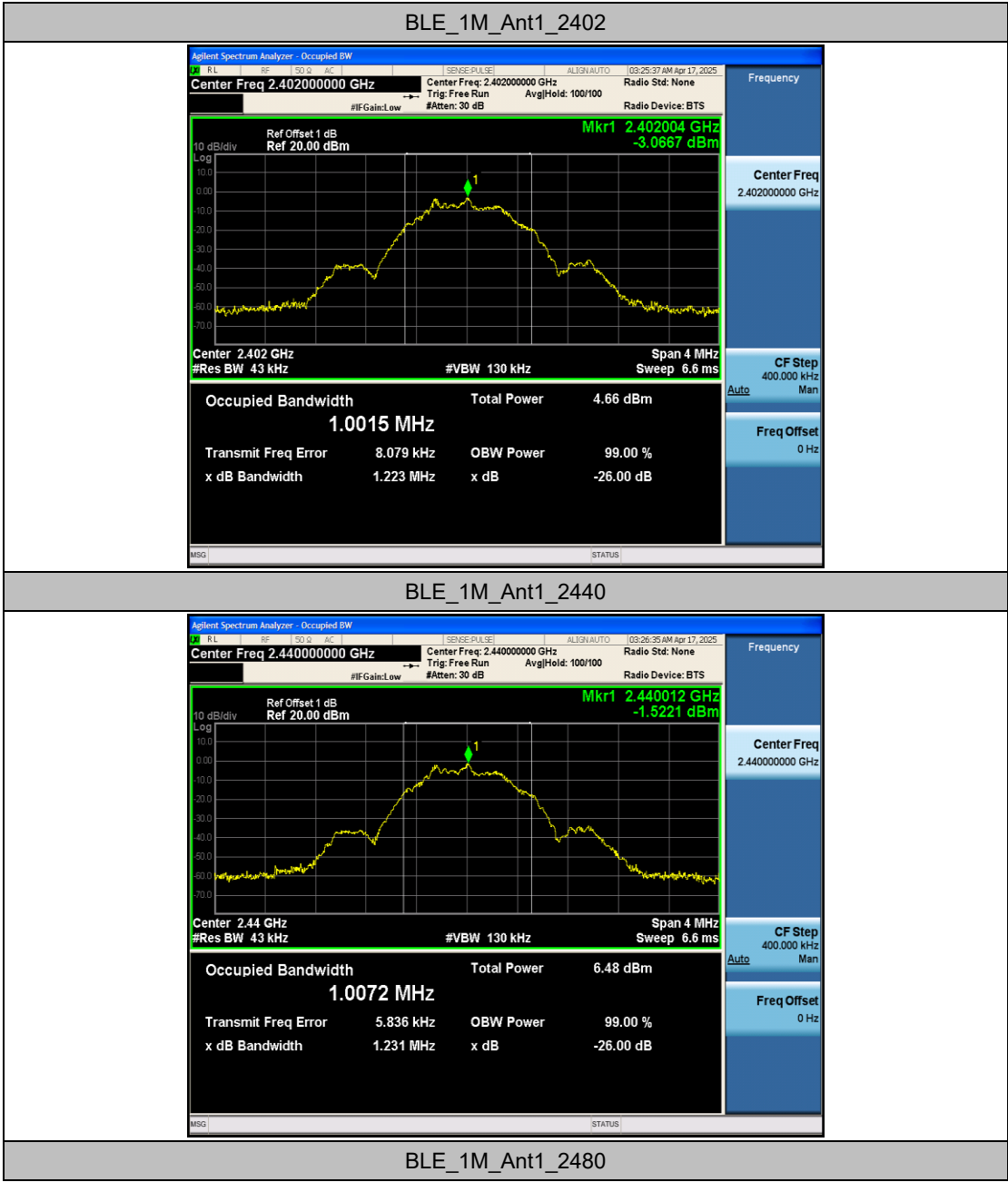


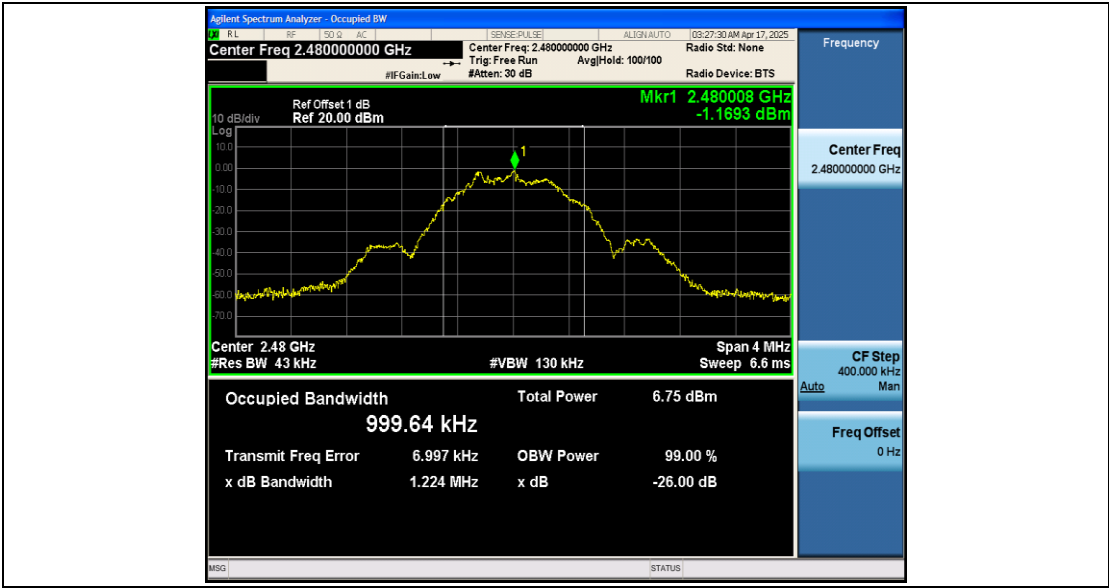
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0015	2401.5073	2402.5088	---	---
		2440	1.0072	2439.5022	2440.5094	---	---
		2480	0.99964	2479.5072	2480.5068	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

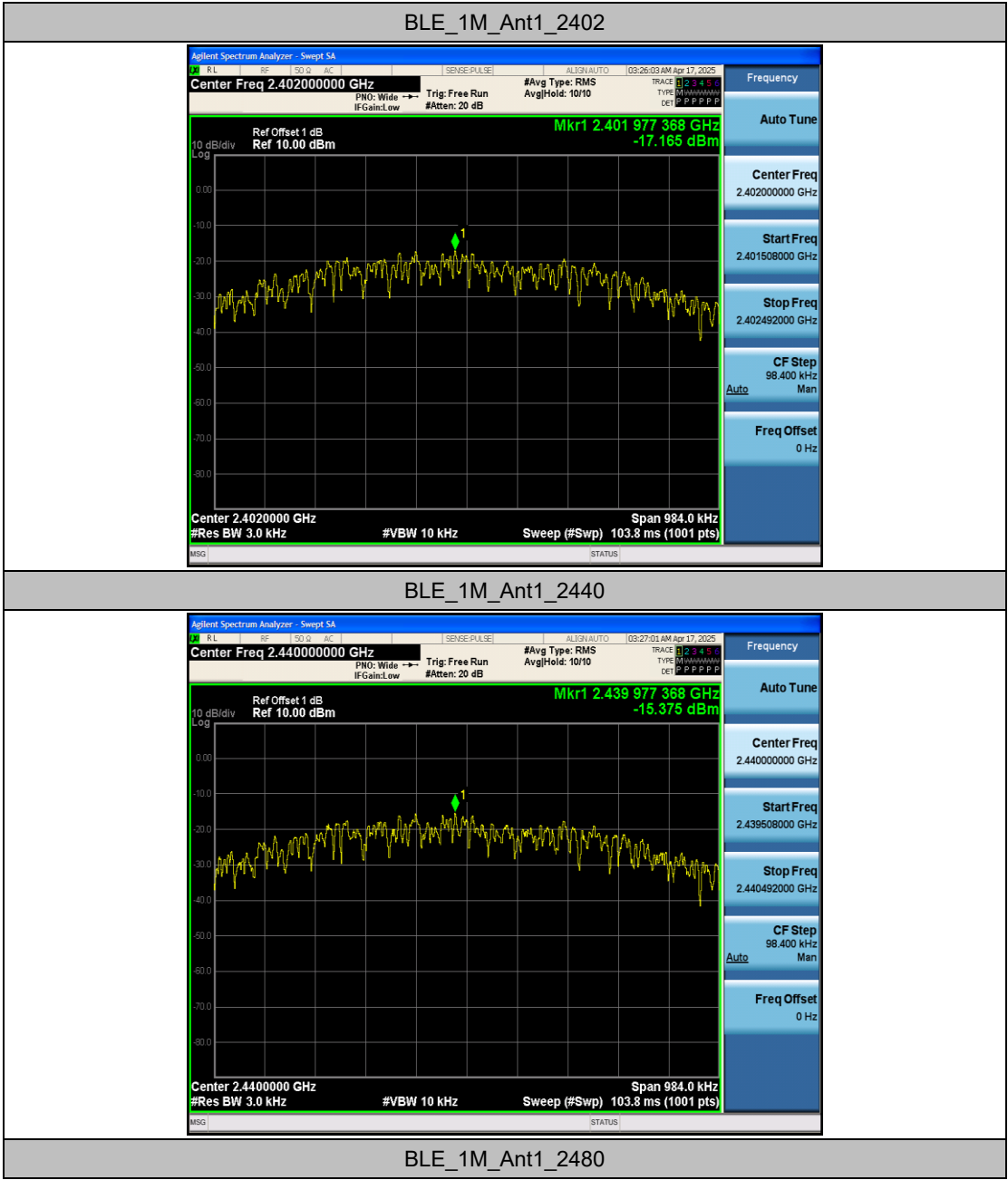
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.58	≤30	PASS
		2440	0.27	≤30	PASS
		2480	0.61	≤30	PASS

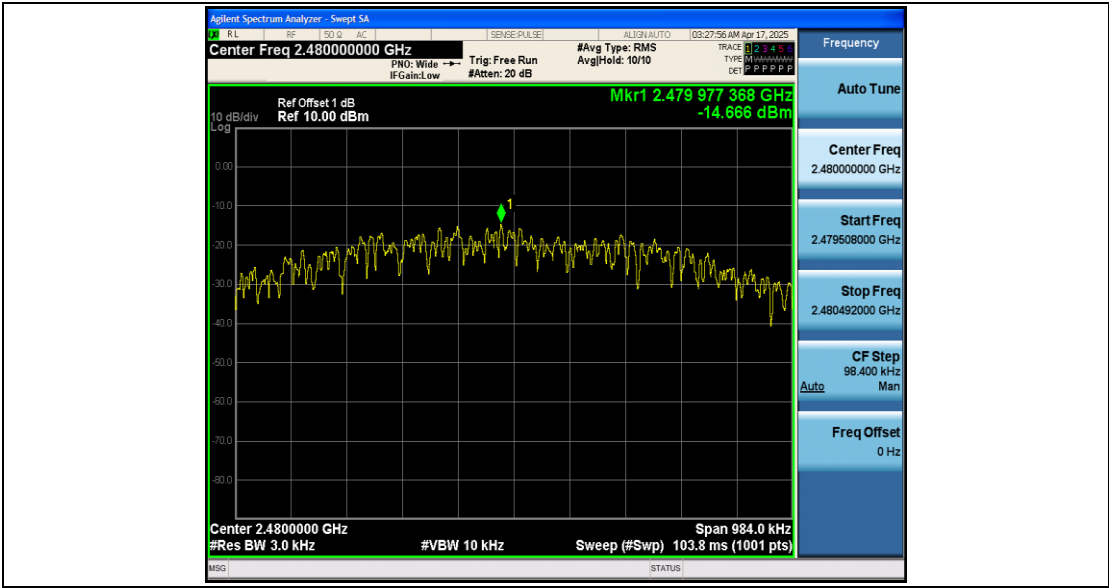
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.17	≤8.00	PASS
		2440	-15.38	≤8.00	PASS
		2480	-14.67	≤8.00	PASS

Test Graphs



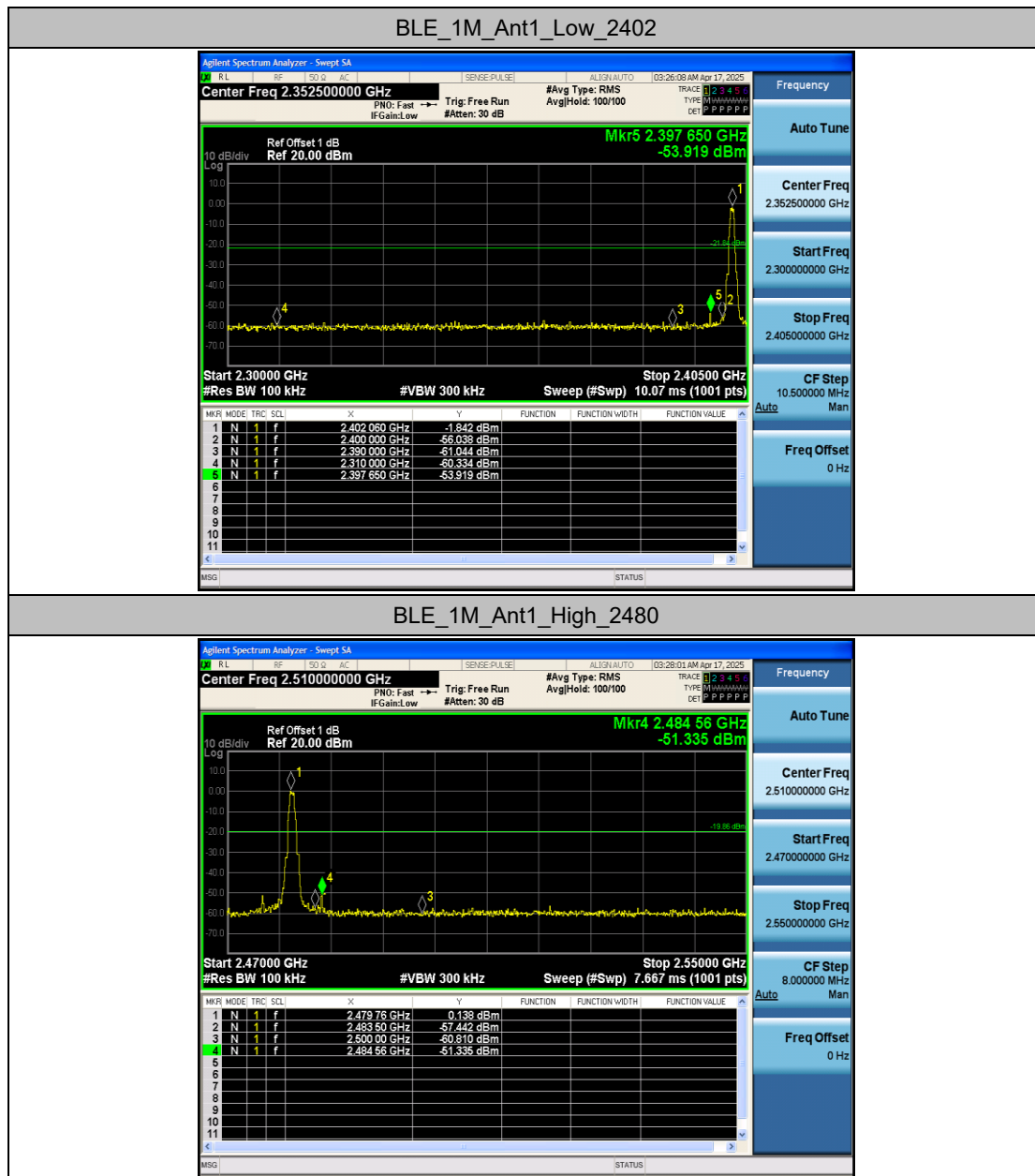


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.84	-53.92	≤-21.84	PASS
		High	2480	0.14	-51.34	≤-19.86	PASS

Test Graphs

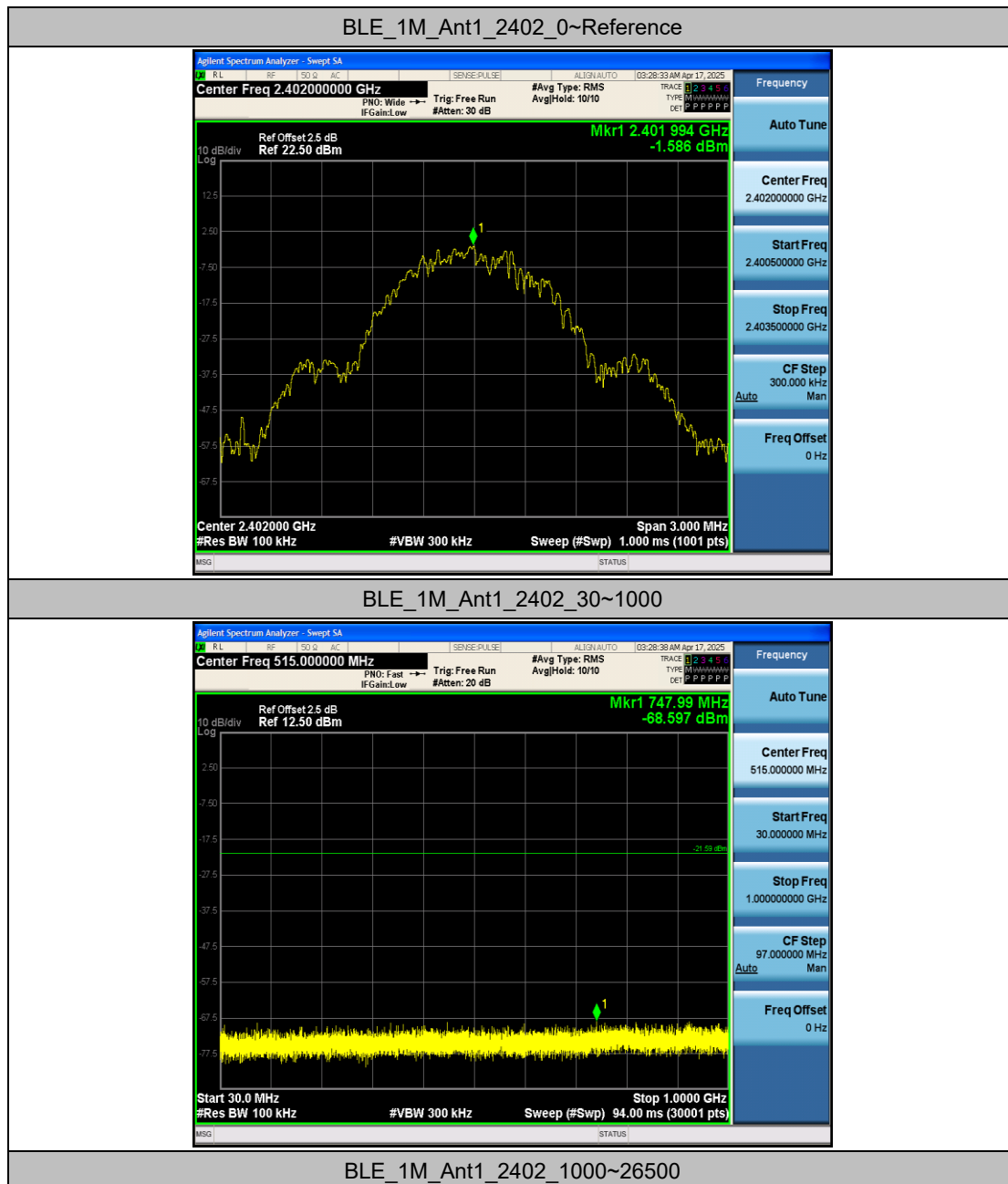


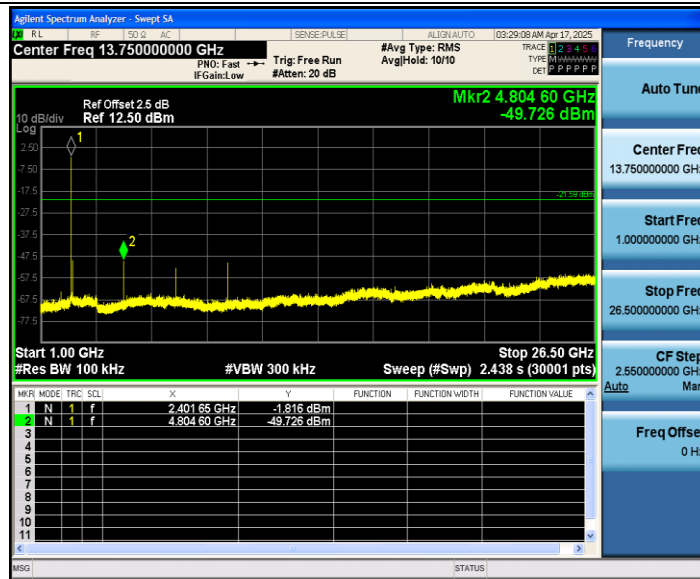
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.59	-1.59	---	PASS
			30~1000	-1.59	-68.6	≤-21.59	PASS
			1000~26500	-1.59	-49.73	≤-21.59	PASS
		2440	Reference	0.94	0.94	---	PASS
			30~1000	0.94	-67.99	≤-19.06	PASS
			1000~26500	0.94	-45.5	≤-19.06	PASS
		2480	Reference	0.10	0.10	---	PASS
			30~1000	0.10	-67.19	≤-19.9	PASS
			1000~26500	0.10	-44.43	≤-19.9	PASS

Test Graphs

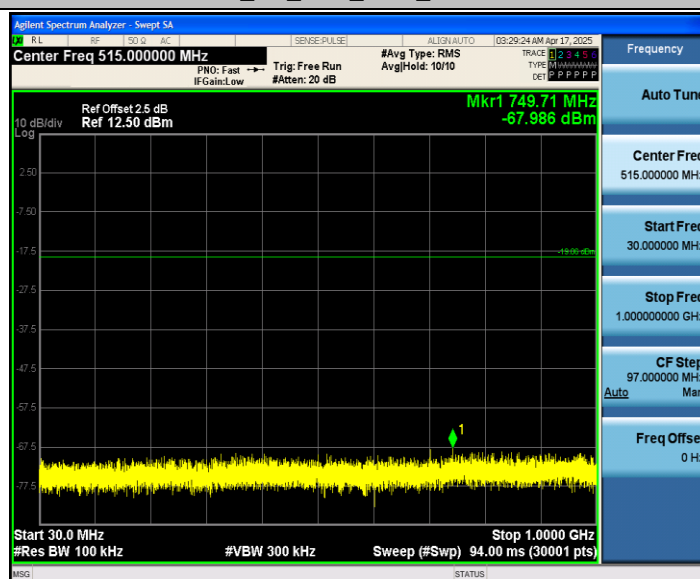




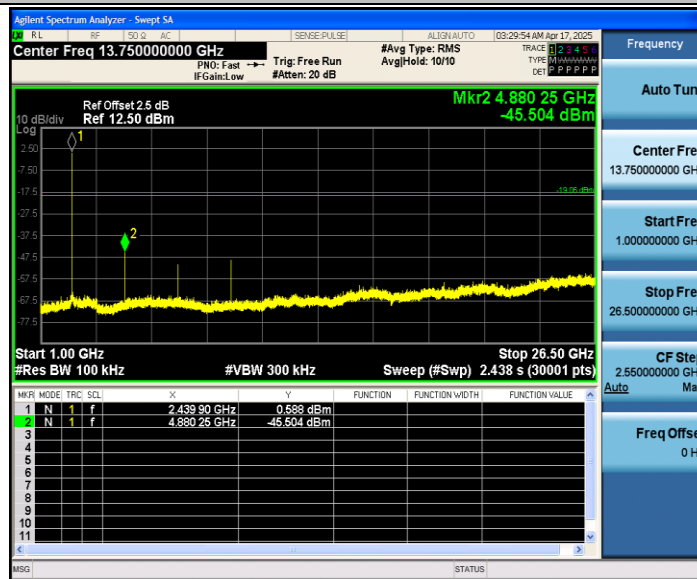
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



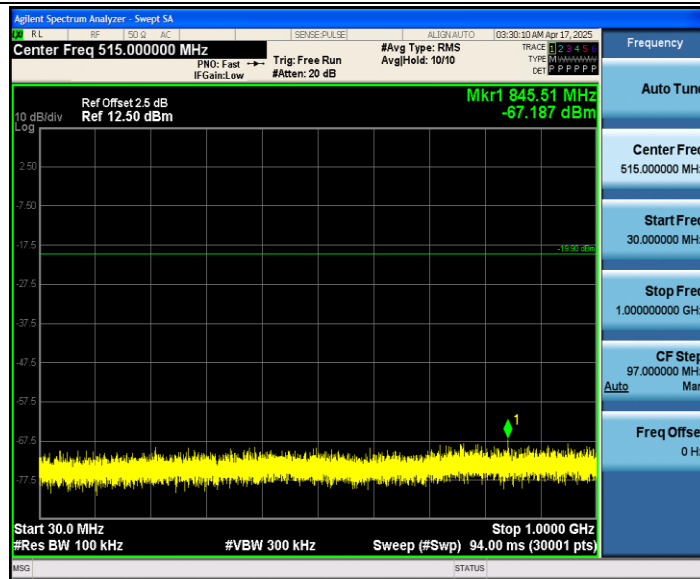
BLE_1M_Ant1_2440_1000~26500



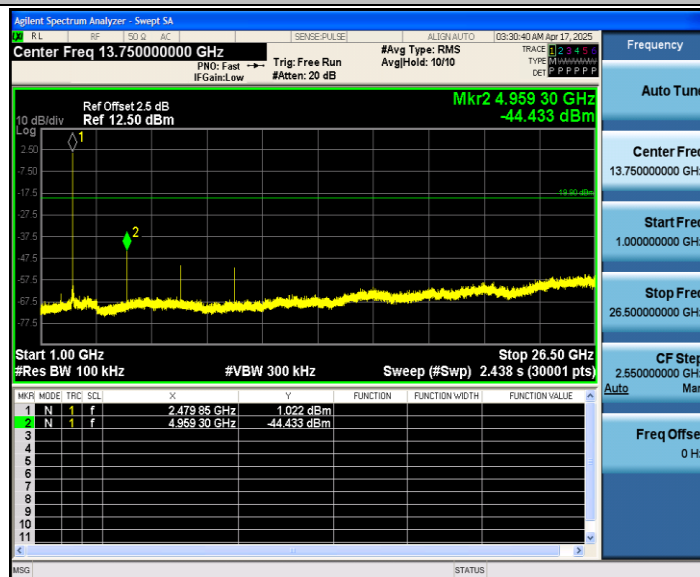
BLE_1M_Ant1_2480_0~Reference



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	0.42	0.63	0.6667	66.67	1.76	---	---
		2440	0.42	0.63	0.6667	66.67	1.76	---	---
		2480	0.42	0.63	0.6667	66.67	1.76	---	---

Test Graphs

