

FCC Appendix RF Test Data

FCC ID : 2AR4E-VORMOR-M5

Company: : Shenzhen Beibo Intelligent Technology Co., Ltd.

EUT : Language Translator Device

Model Number : VORMOR-M5

Report No. : CTA25040700302

Reviewed By : Eric Wang

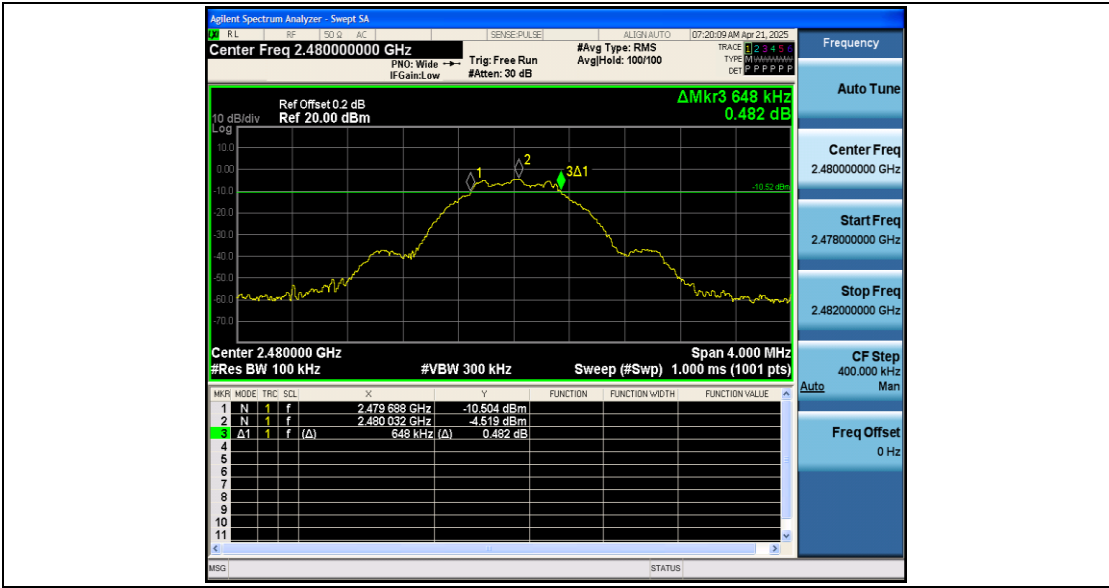
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.640	2401.688	2402.328	0.5	PASS
		2440	0.660	2439.680	2440.340	0.5	PASS
		2480	0.648	2479.688	2480.336	0.5	PASS

Test Graphs



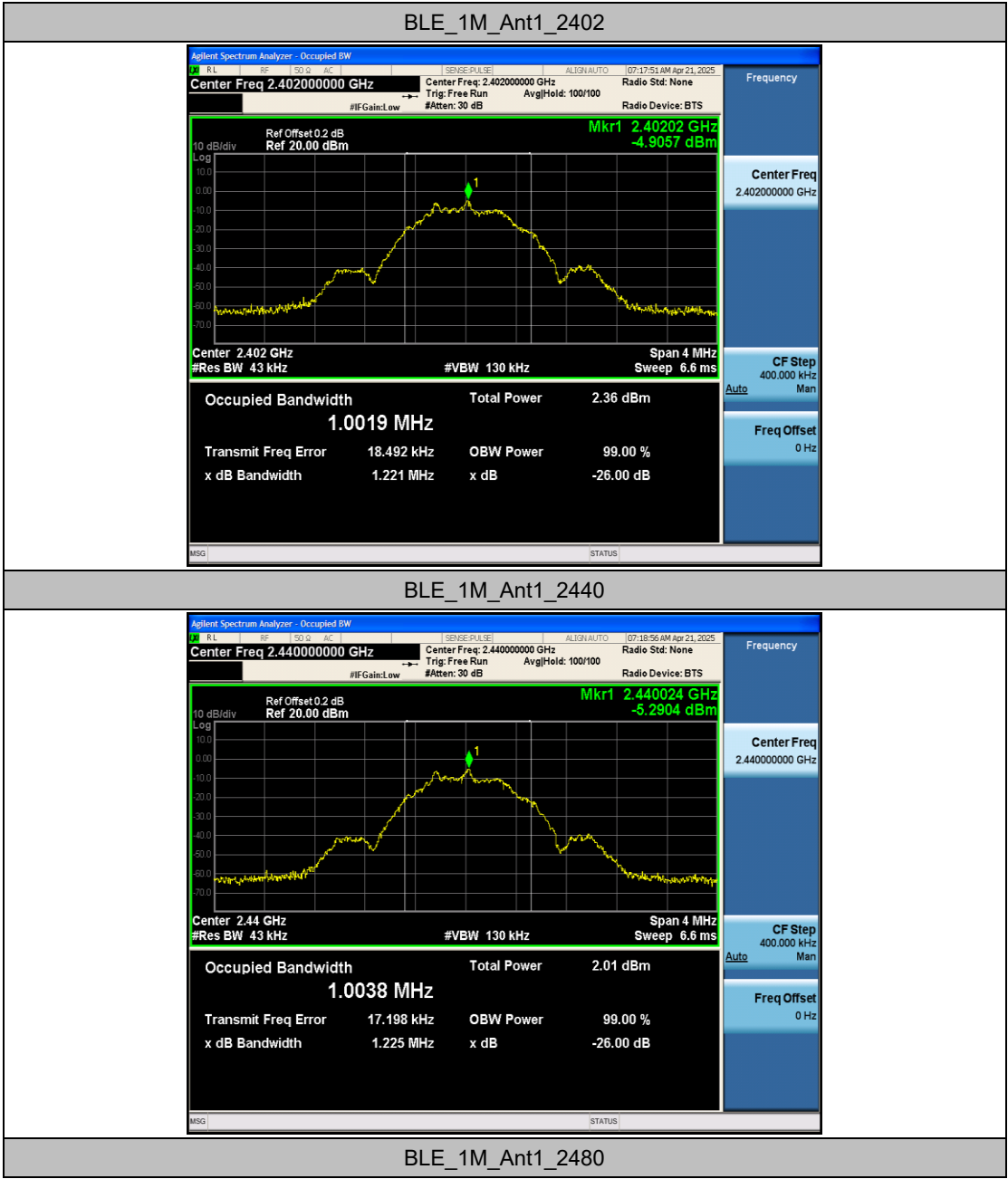


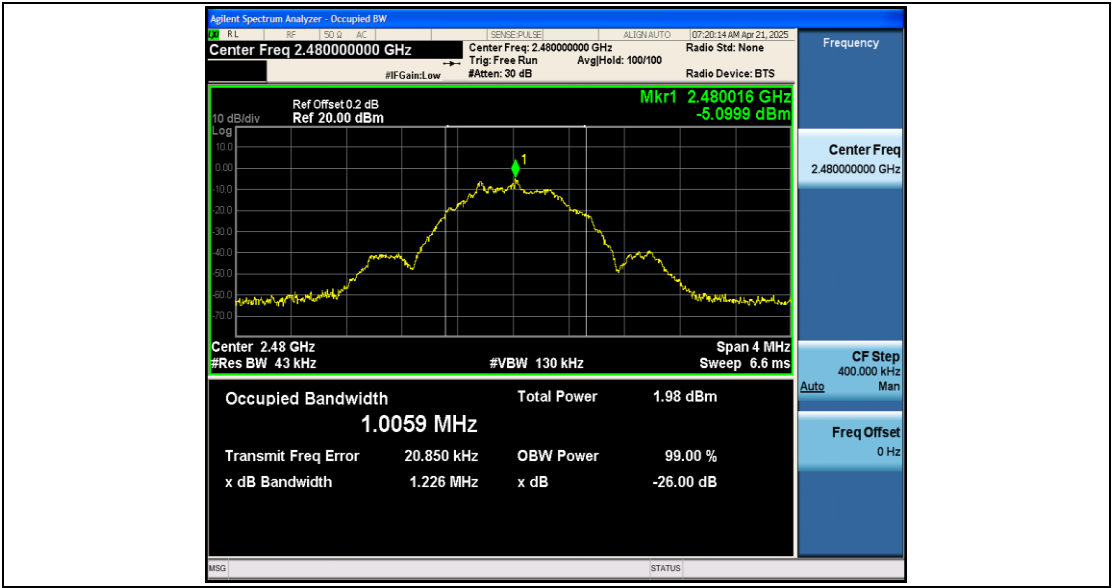
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0019	2401.5175	2402.5194	---	---
		2440	1.0038	2439.5153	2440.5191	---	---
		2480	1.0059	2479.5179	2480.5238	---	---

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	-3.66	≤30	PASS
		2440	-3.99	≤30	PASS
		2480	-4.01	≤30	PASS

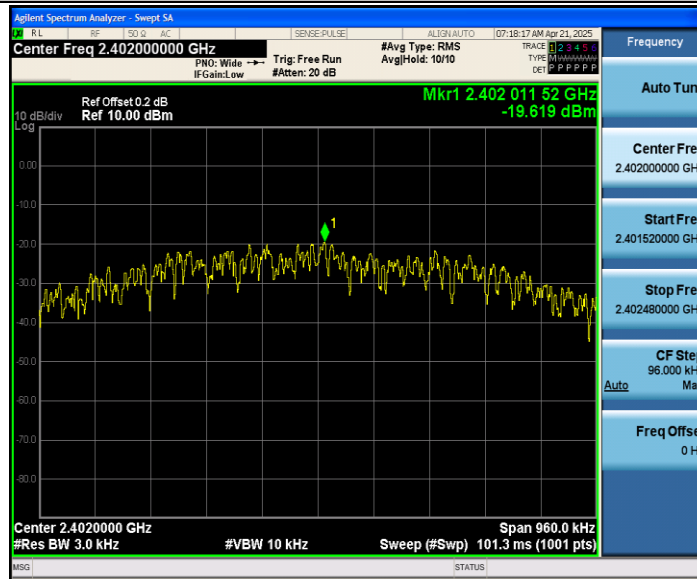
Appendix D: Maximum power spectral density

Test Result

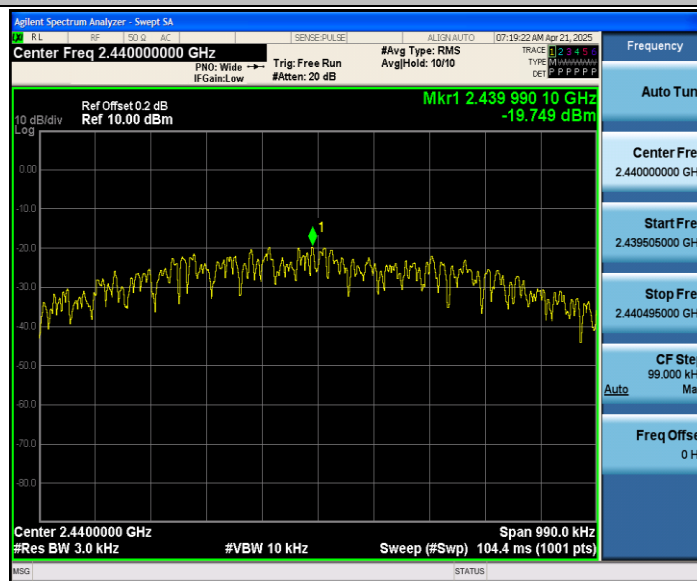
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.62	≤8.00	PASS
		2440	-19.75	≤8.00	PASS
		2480	-19.67	≤8.00	PASS

Test Graphs

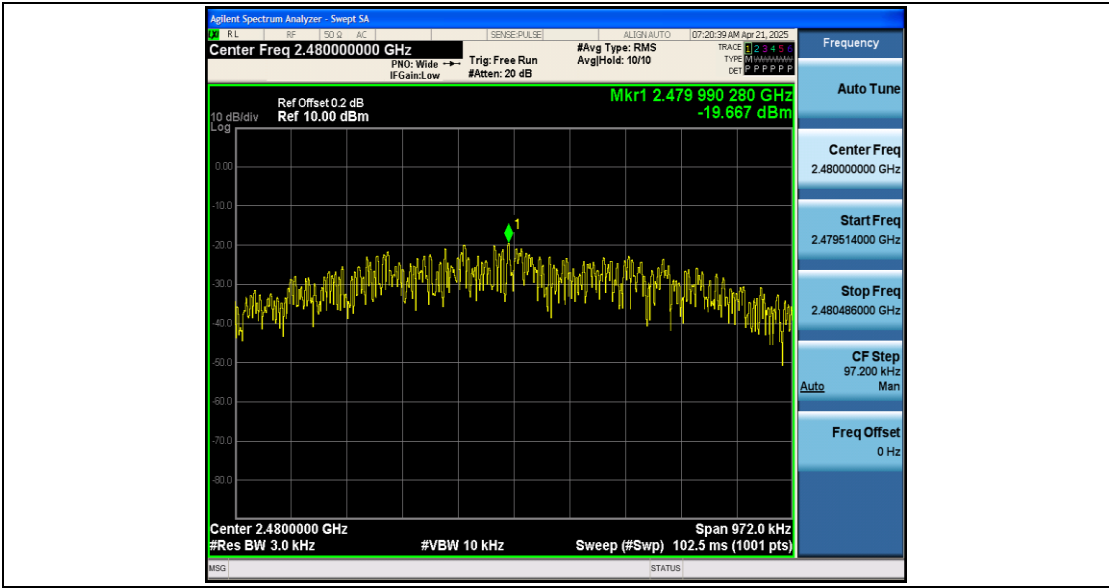
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

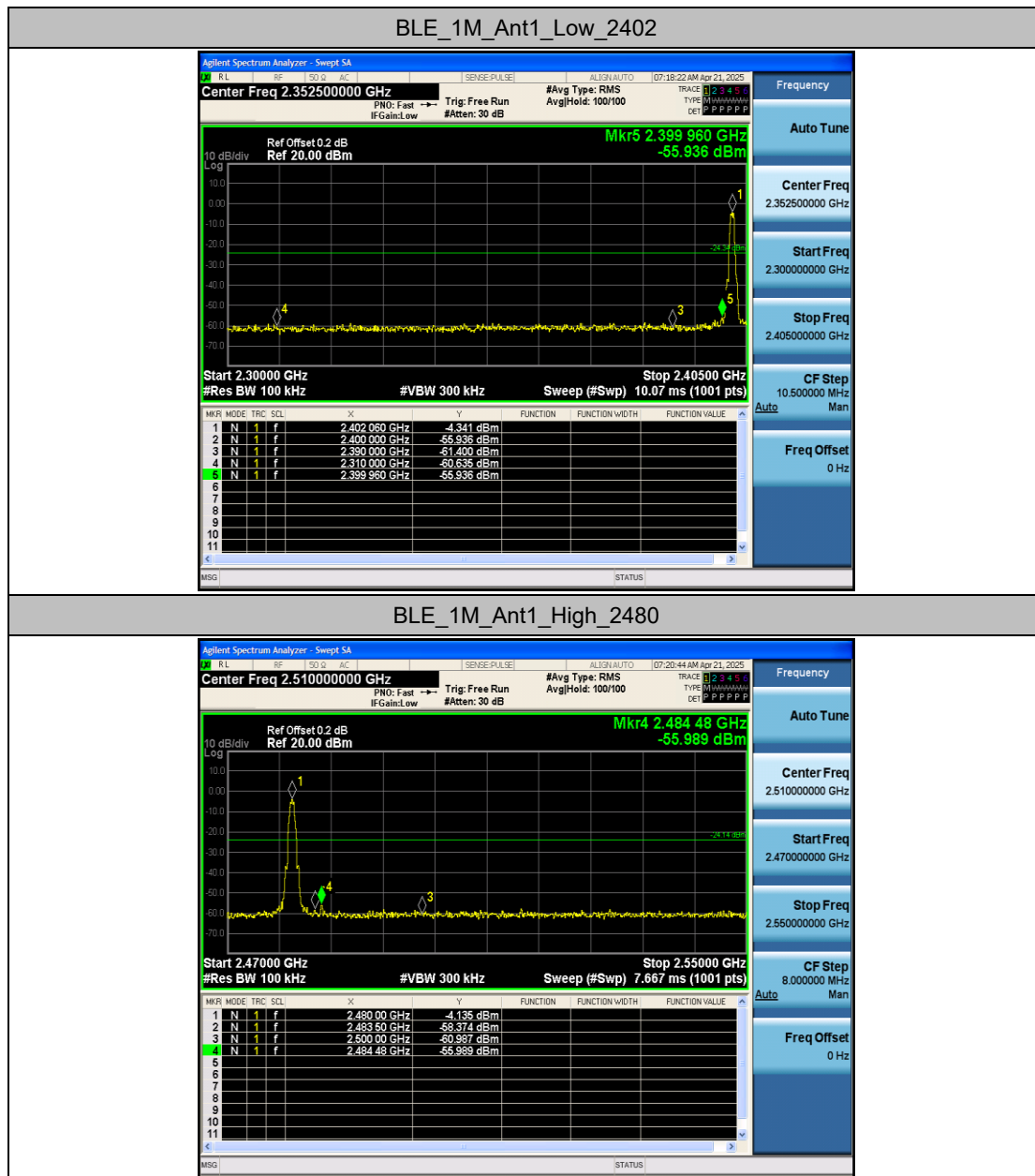


Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-4.34	-55.94	≤-24.34	PASS
		High	2480	-4.14	-55.99	≤-24.14	PASS

Test Graphs

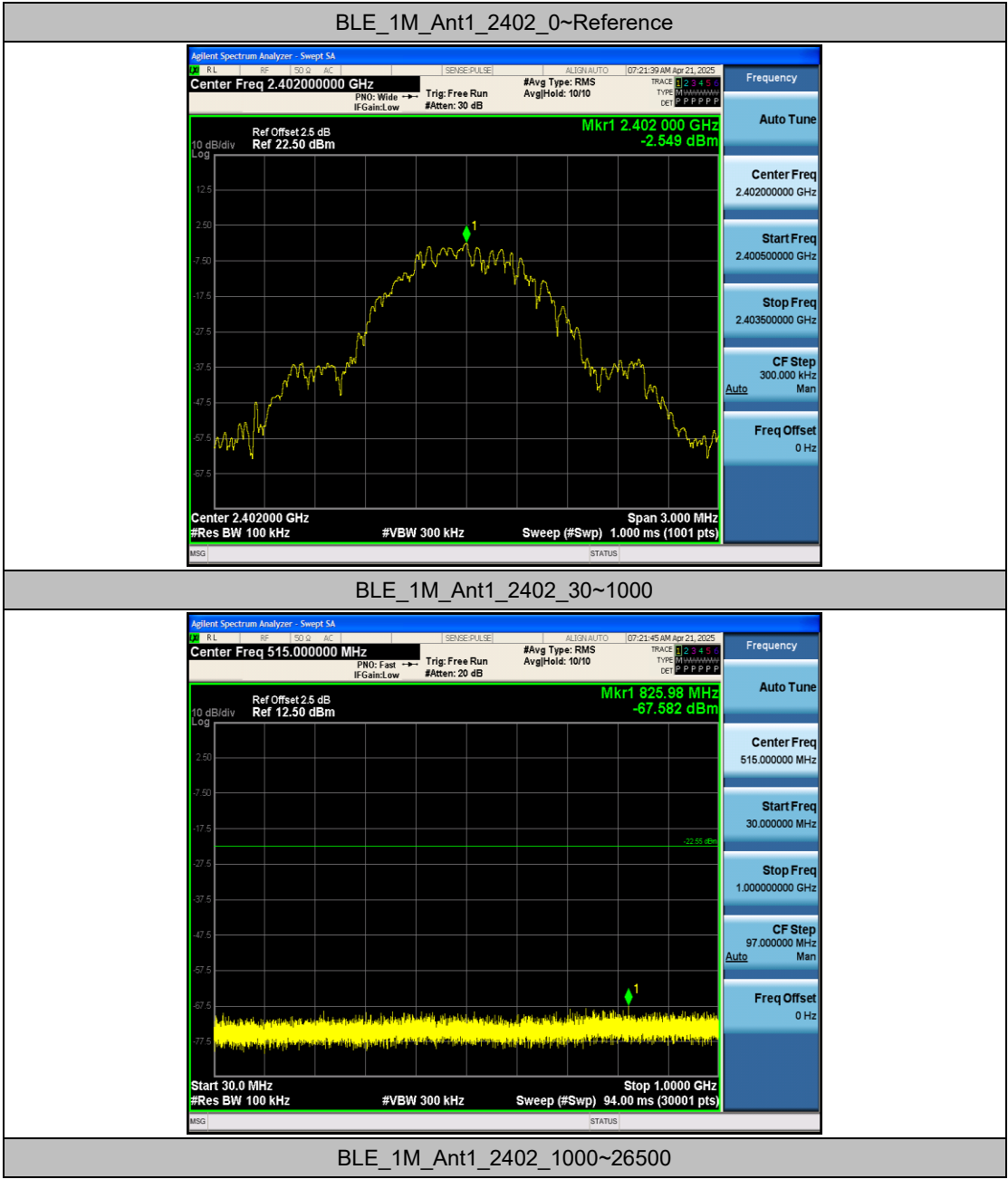


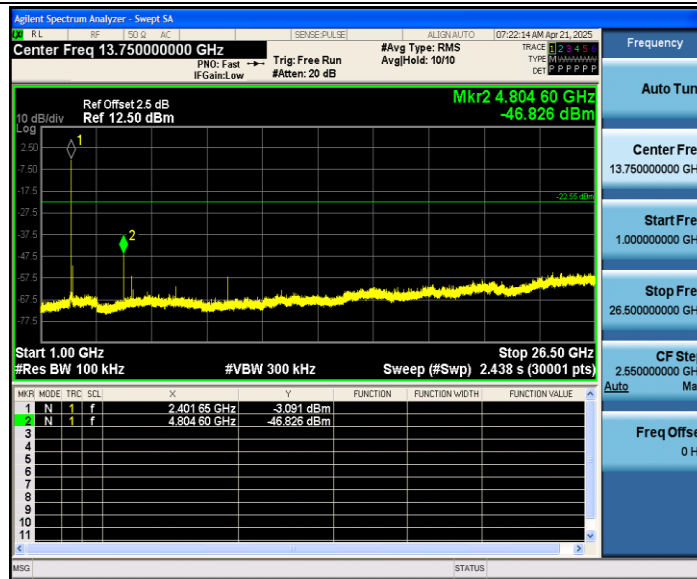
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.55	-2.55	---	PASS
			30~1000	-2.55	-67.58	≤-22.55	PASS
			1000~26500	-2.55	-46.83	≤-22.55	PASS
		2440	Reference	-1.85	-1.85	---	PASS
			30~1000	-1.85	-67.81	≤-21.85	PASS
			1000~26500	-1.85	-48.83	≤-21.85	PASS
		2480	Reference	-3.30	-3.30	---	PASS
			30~1000	-3.30	-67.77	≤-23.3	PASS
			1000~26500	-3.30	-48.67	≤-23.3	PASS

Test Graphs

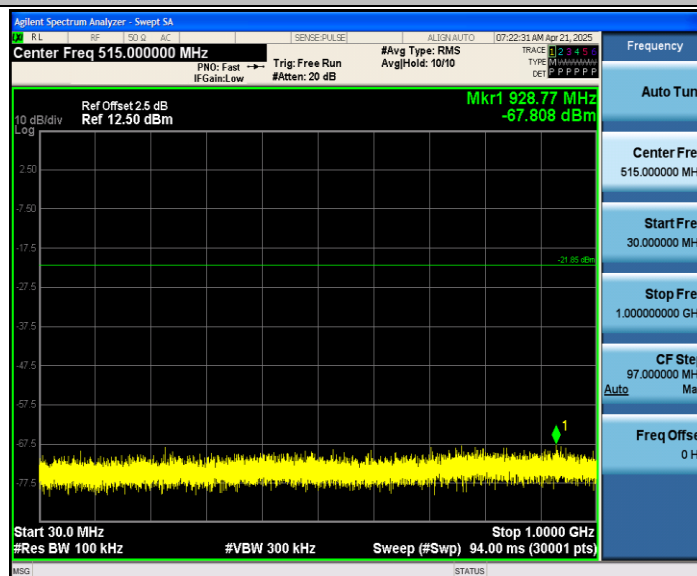




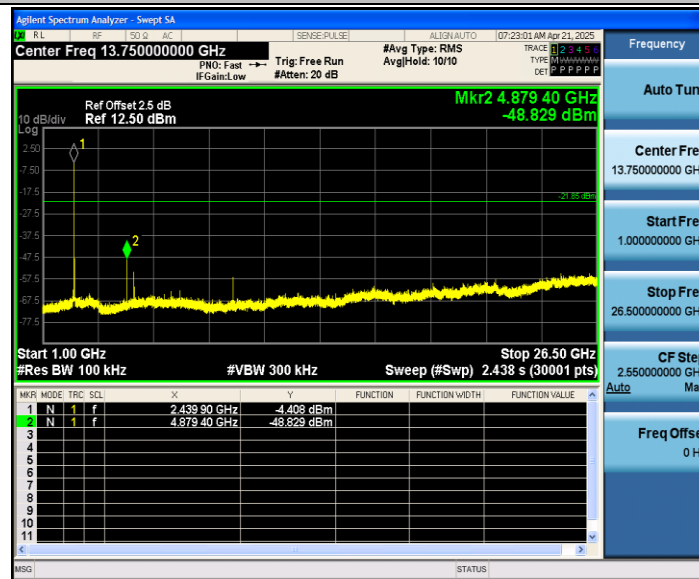
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



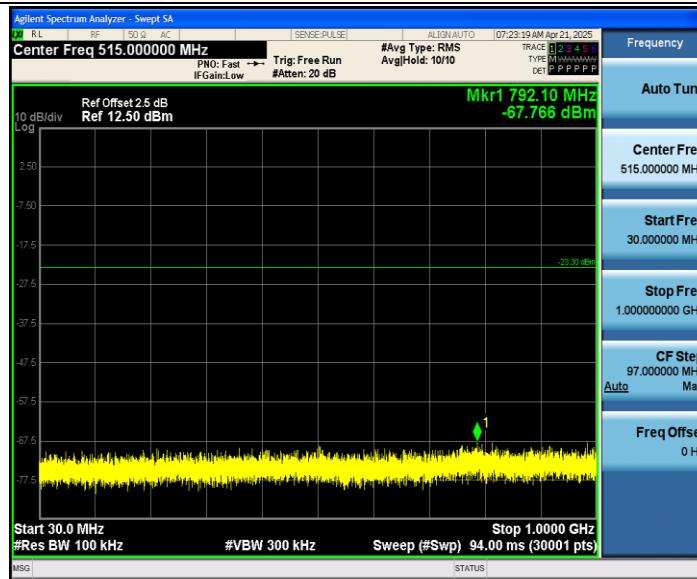
BLE_1M_Ant1_2440_1000~26500



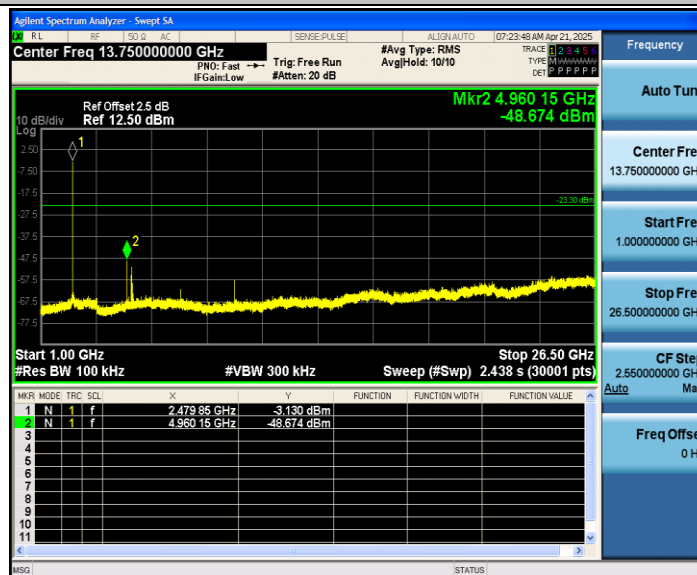
BLE_1M_Ant1_2480_0~Reference



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	0.63	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	---	---

Test Graphs

