

FCC Appendix RF Test Data

FCC ID : 2BN7C-AH-P05

Company: : Shenzhen Ao Sihui Electronic Technology Co., Ltd.

EUT : Portable Label Printer

Model Number : AH-P05

Report No. : CTA25053000301

Reviewed By : Eric Wang

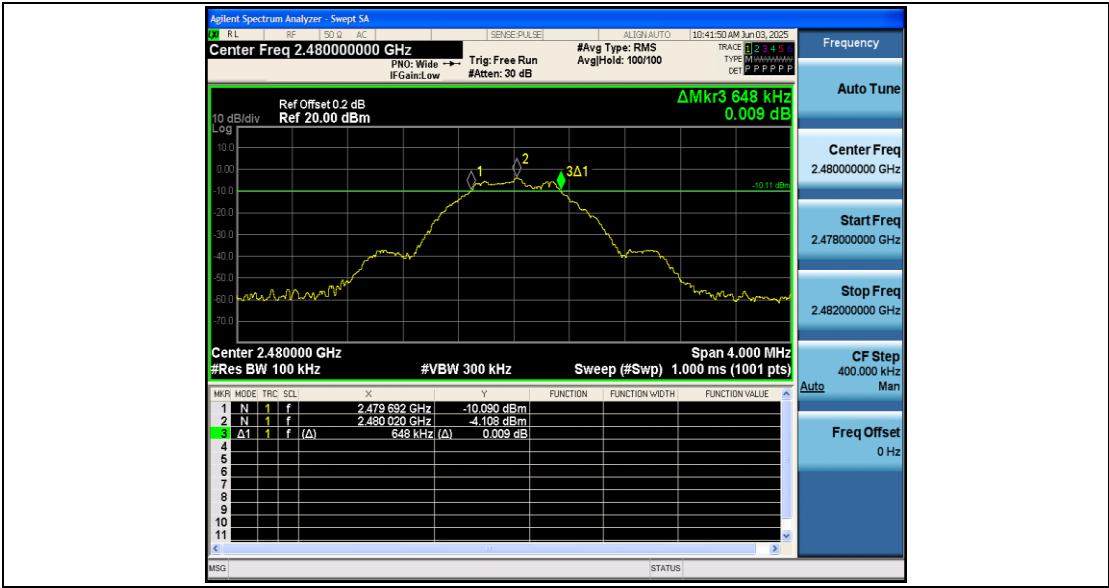
Appendix A: DTS Bandwidth

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	0.648	2479.692	2480.340	0.5	PASS

Test Graphs



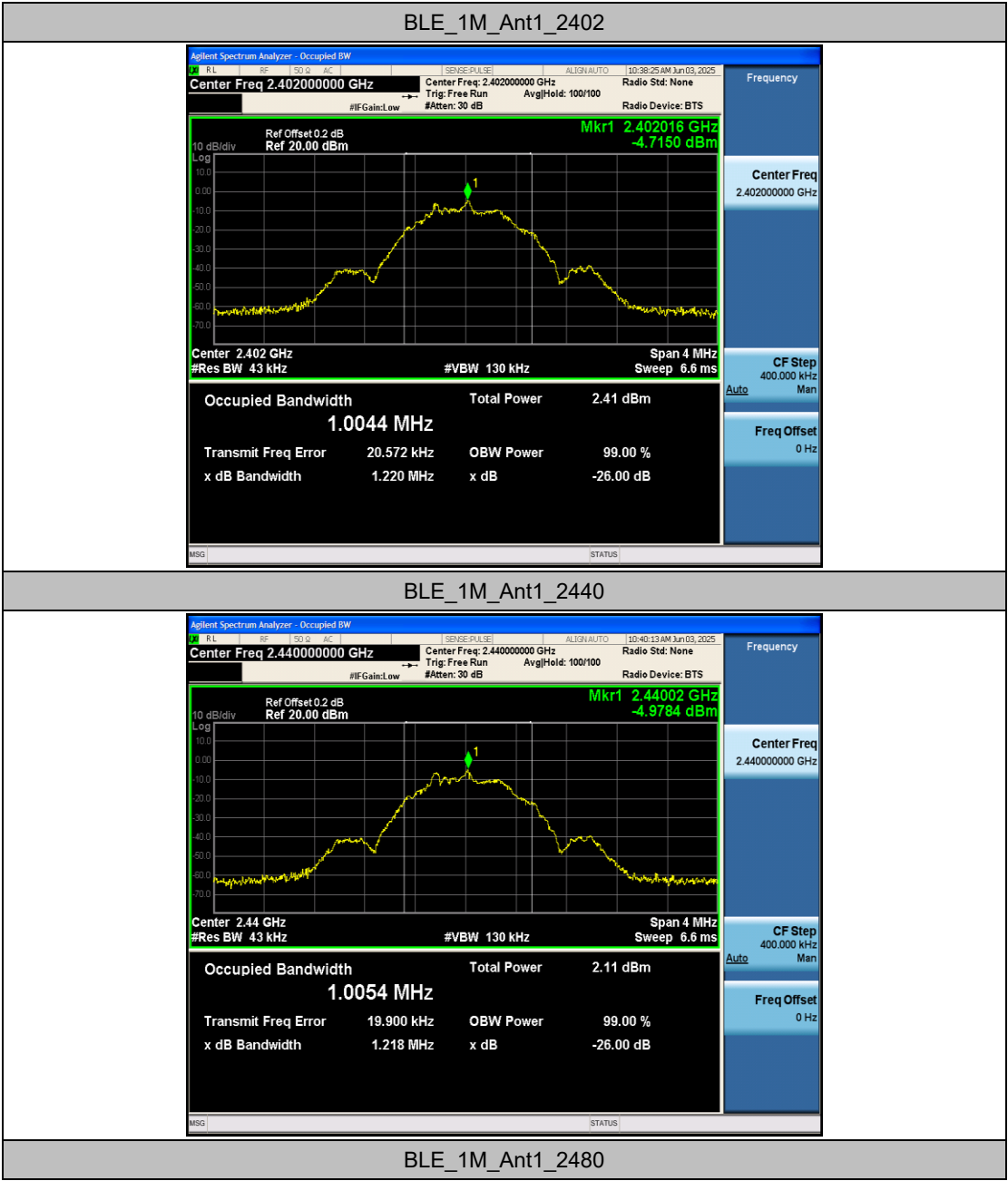


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0044	2401.5184	2402.5228	---	---
		2440	1.0054	2439.5172	2440.5226	---	---
		2480	1.0060	2479.5172	2480.5232	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

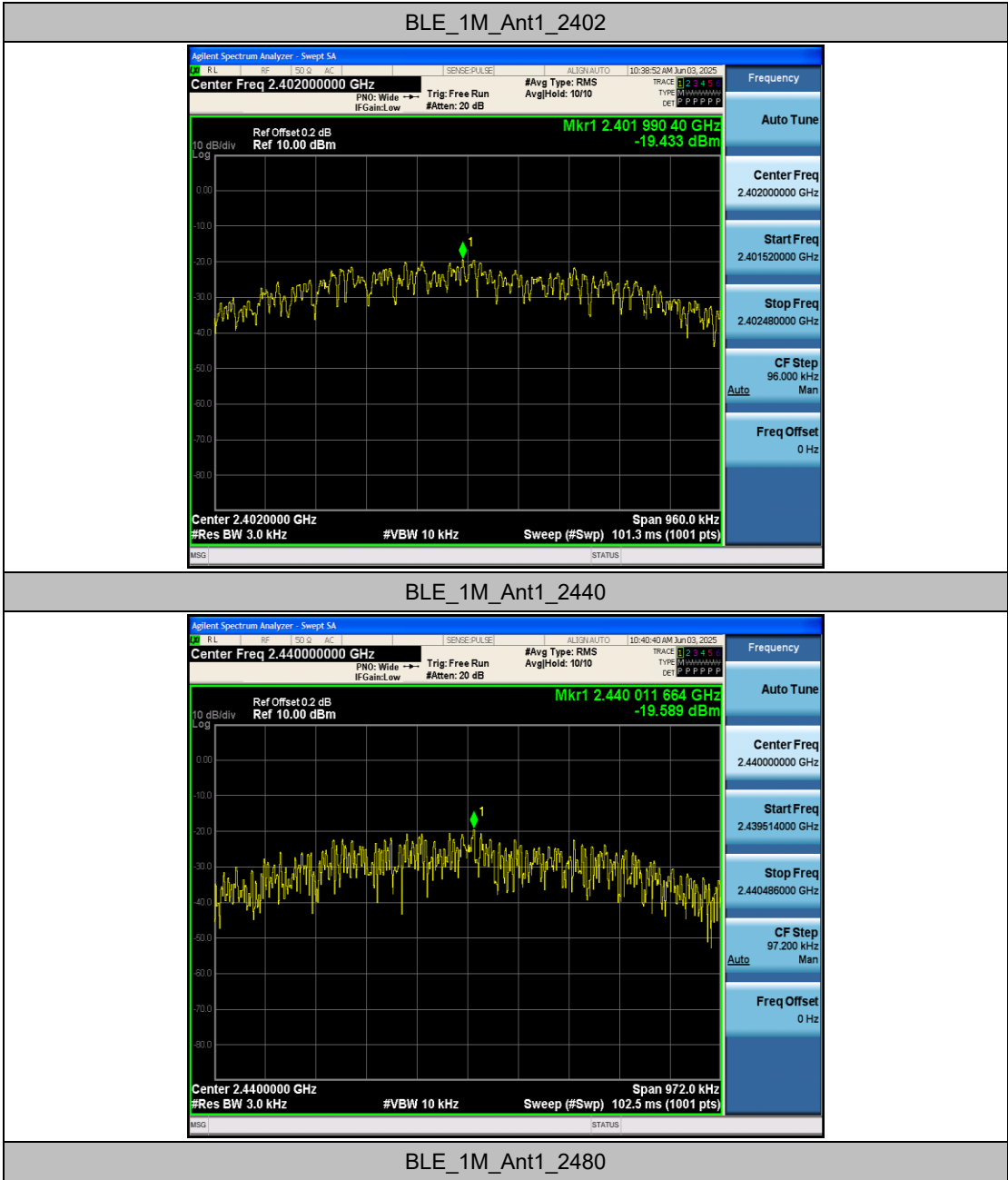
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.62	≤30	PASS
		2440	-3.94	≤30	PASS
		2480	-3.99	≤30	PASS

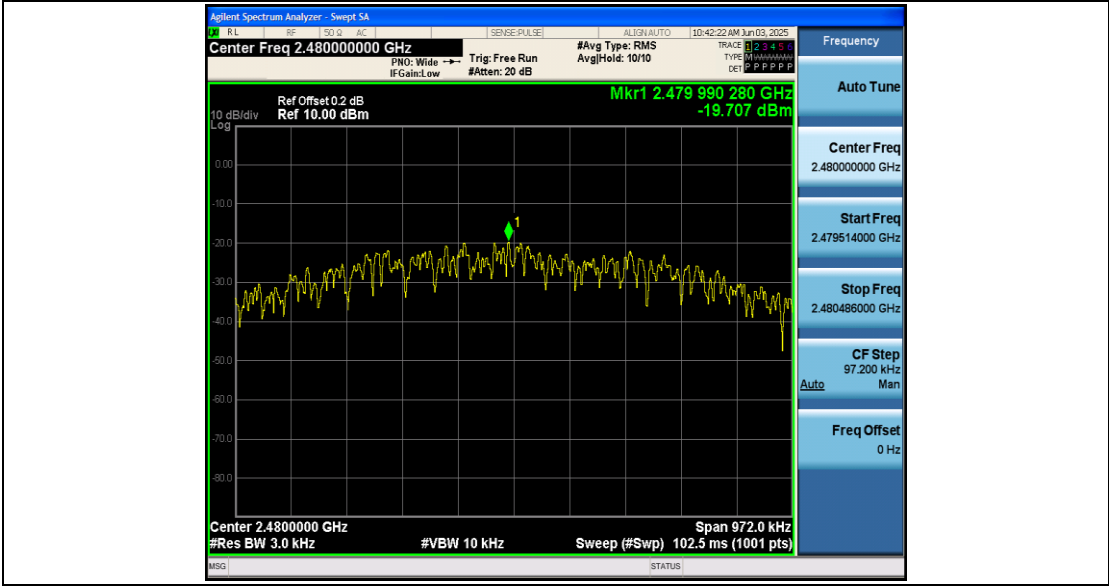
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.43	≤8.00	PASS
		2440	-19.59	≤8.00	PASS
		2480	-19.71	≤8.00	PASS

Test Graphs



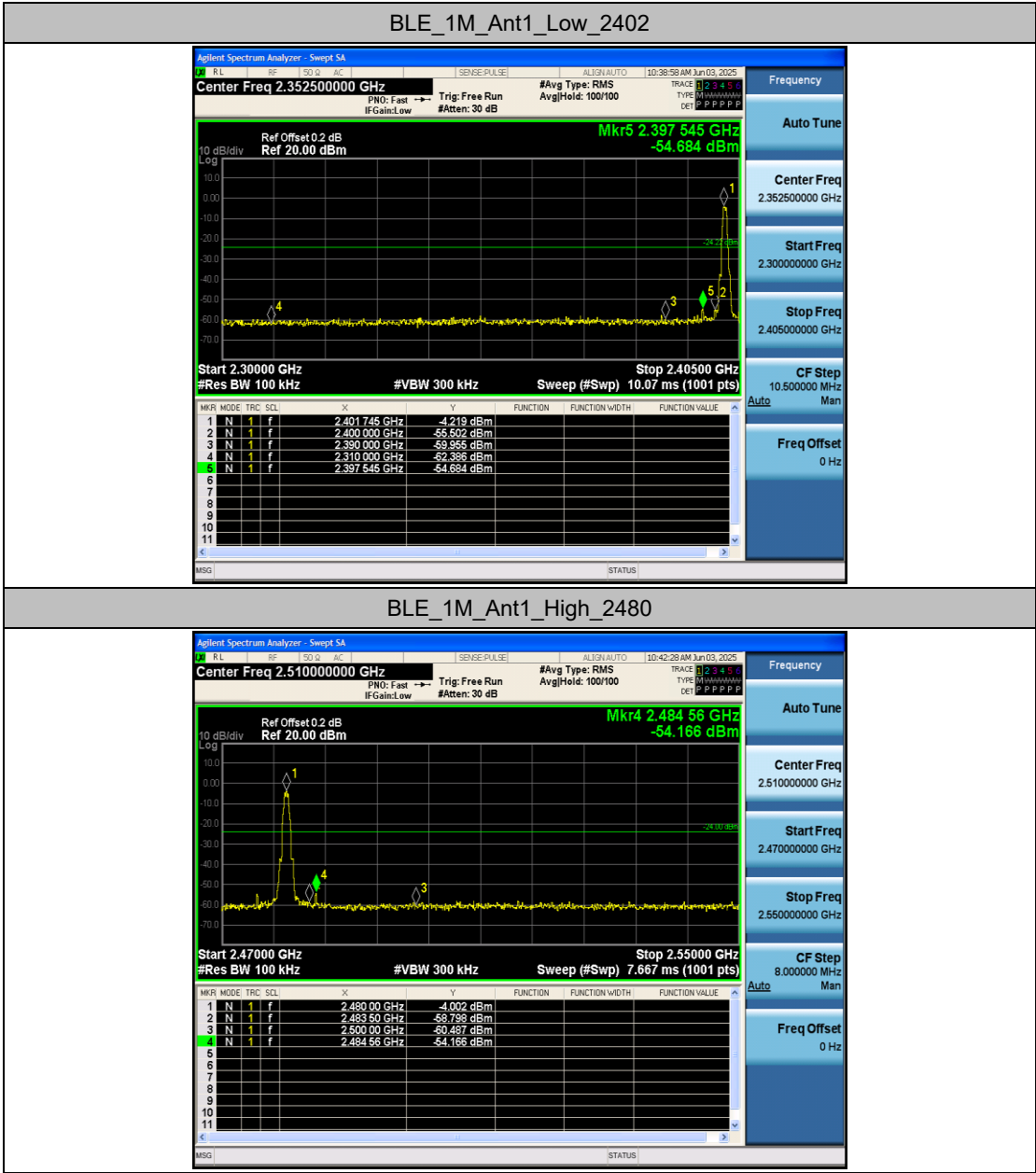


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-4.22	-54.68	≤-24.22	PASS
		High	2480	-4.00	-54.17	≤-24	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

Test Result

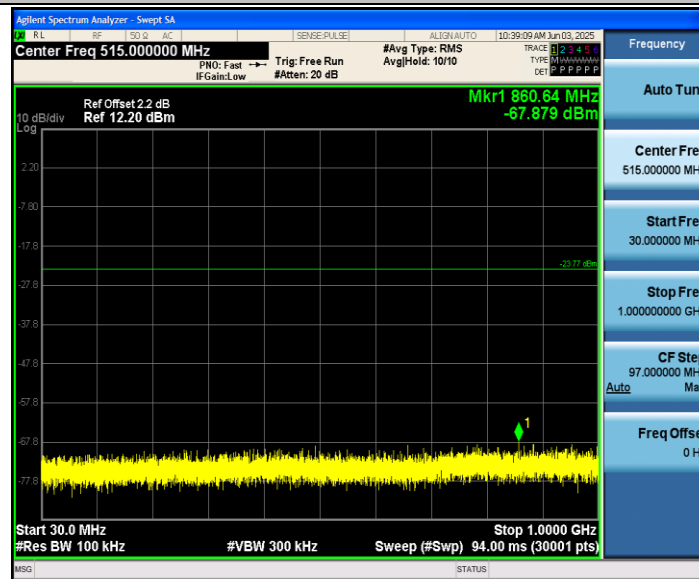
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.77	-3.77	---	PASS
			30~1000	-3.77	-67.88	≤-23.77	PASS
			1000~26500	-3.77	-47.32	≤-23.77	PASS
		2440	Reference	-5.53	-5.53	---	PASS
			30~1000	-5.53	-68.03	≤-25.53	PASS
			1000~26500	-5.53	-46.11	≤-25.53	PASS
		2480	Reference	-5.11	-5.11	---	PASS
			30~1000	-5.11	-67.96	≤-25.11	PASS
			1000~26500	-5.11	-48.12	≤-25.11	PASS

Test Graphs

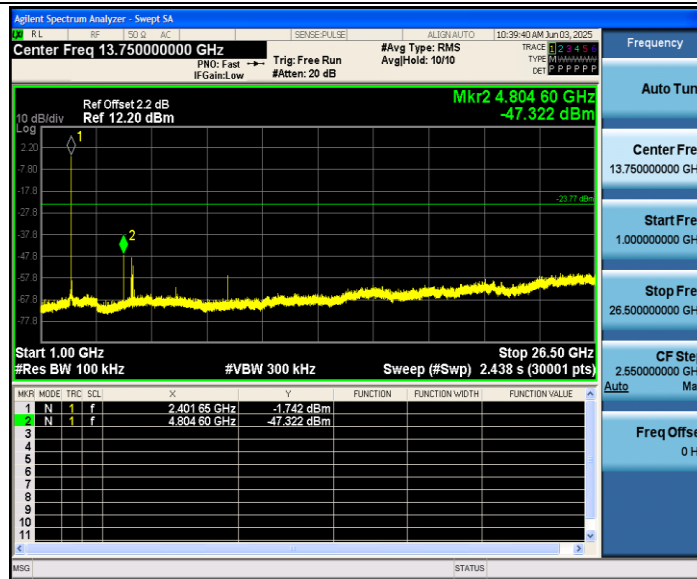
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



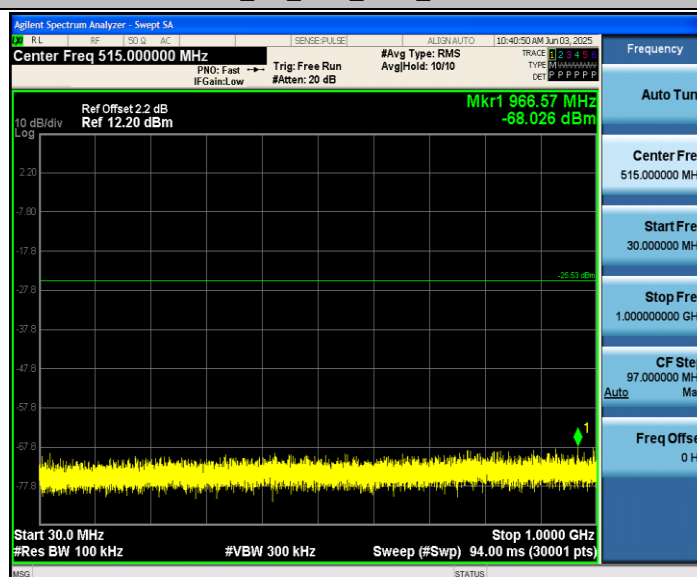
BLE_1M_Ant1_2402_1000~26500



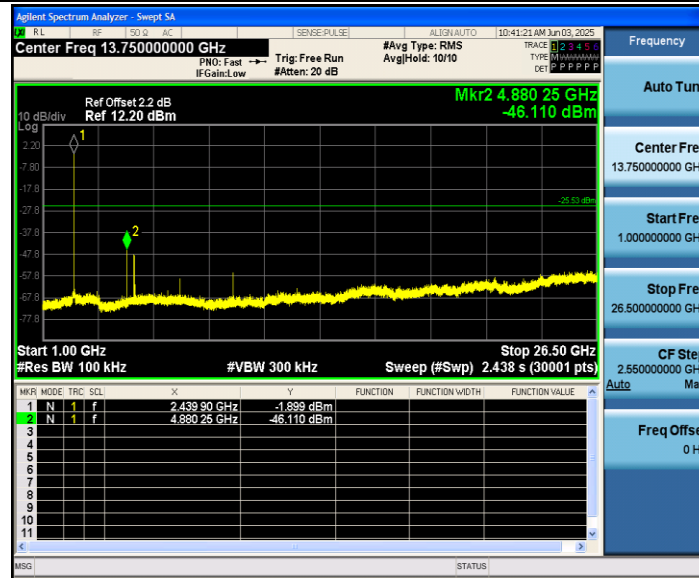
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



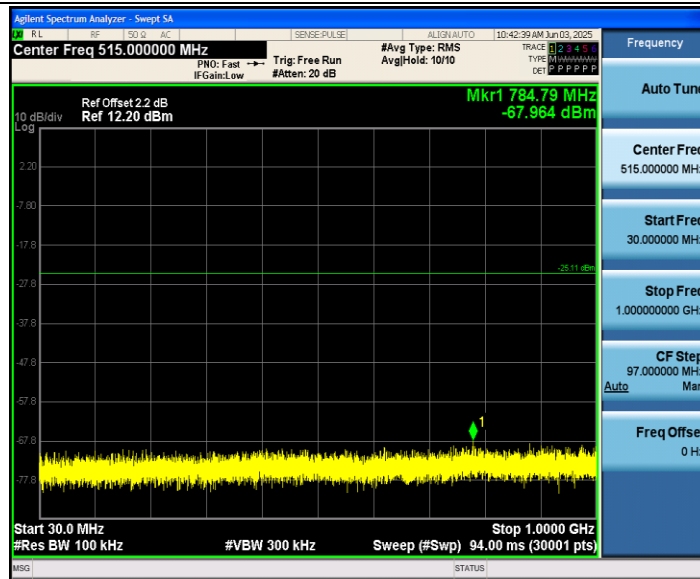
BLE_1M_Ant1_2440_1000~26500



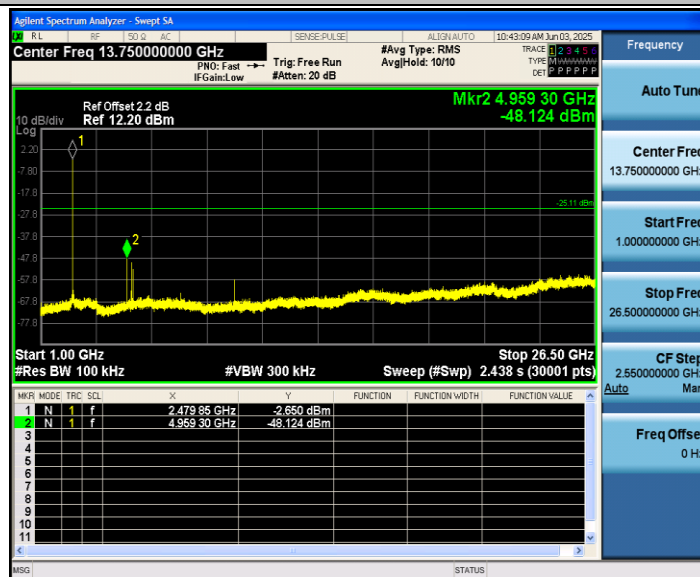
BLE_1M_Ant1_2480_0~Reference



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

