

Case No. : <u>GTS20260113019-1-10</u>
Ambient Condition: <u>24</u> °C, <u>55</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.1.17-2026.3.4</u> Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant0	2402	0.664	2401.664	2402.328	0.5	PASS
		2440	0.704	2439.656	2440.360	0.5	PASS
		2480	0.688	2479.656	2480.344	0.5	PASS

Test Graphs



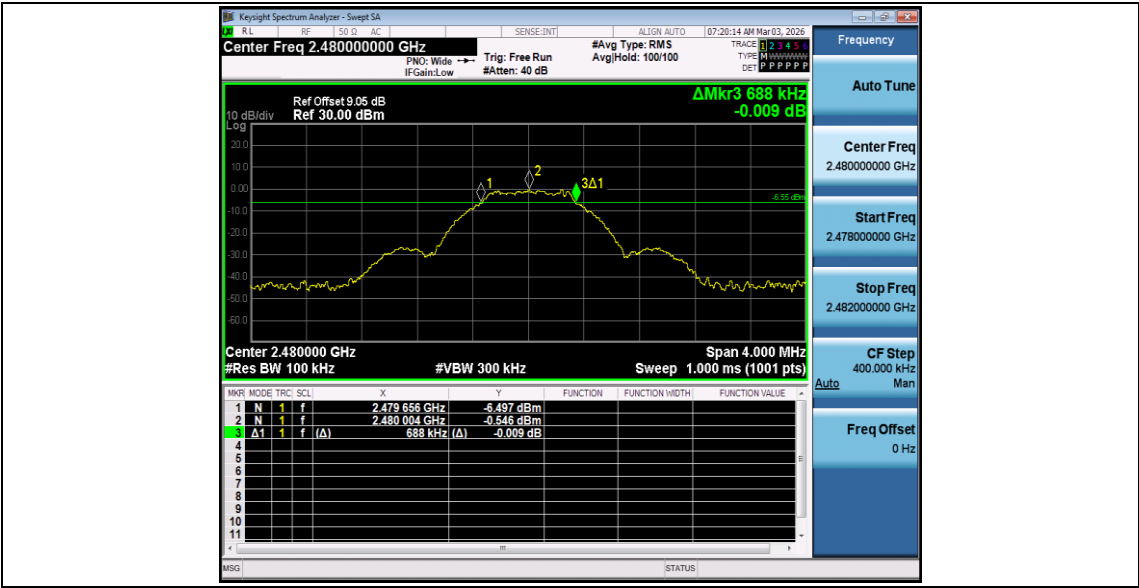
BLE_Ant0_2440

Frequency

Auto Tune

Center Freq
2.440000000 GHzStart Freq
2.438000000 GHzStop Freq
2.442000000 GHzCF Step
400.000 kHz
Auto ManFreq Offset
0 Hz

BLE_Ant0_2480



Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant0	2402	1.0347	2401.4926	2402.5273	---	---
		2440	1.0225	2439.4987	2440.5212	---	---
		2480	1.0292	2479.4901	2480.5193	---	---

Test Graphs



Appendix B.3: Maximum conducted output power

Test Result Peak

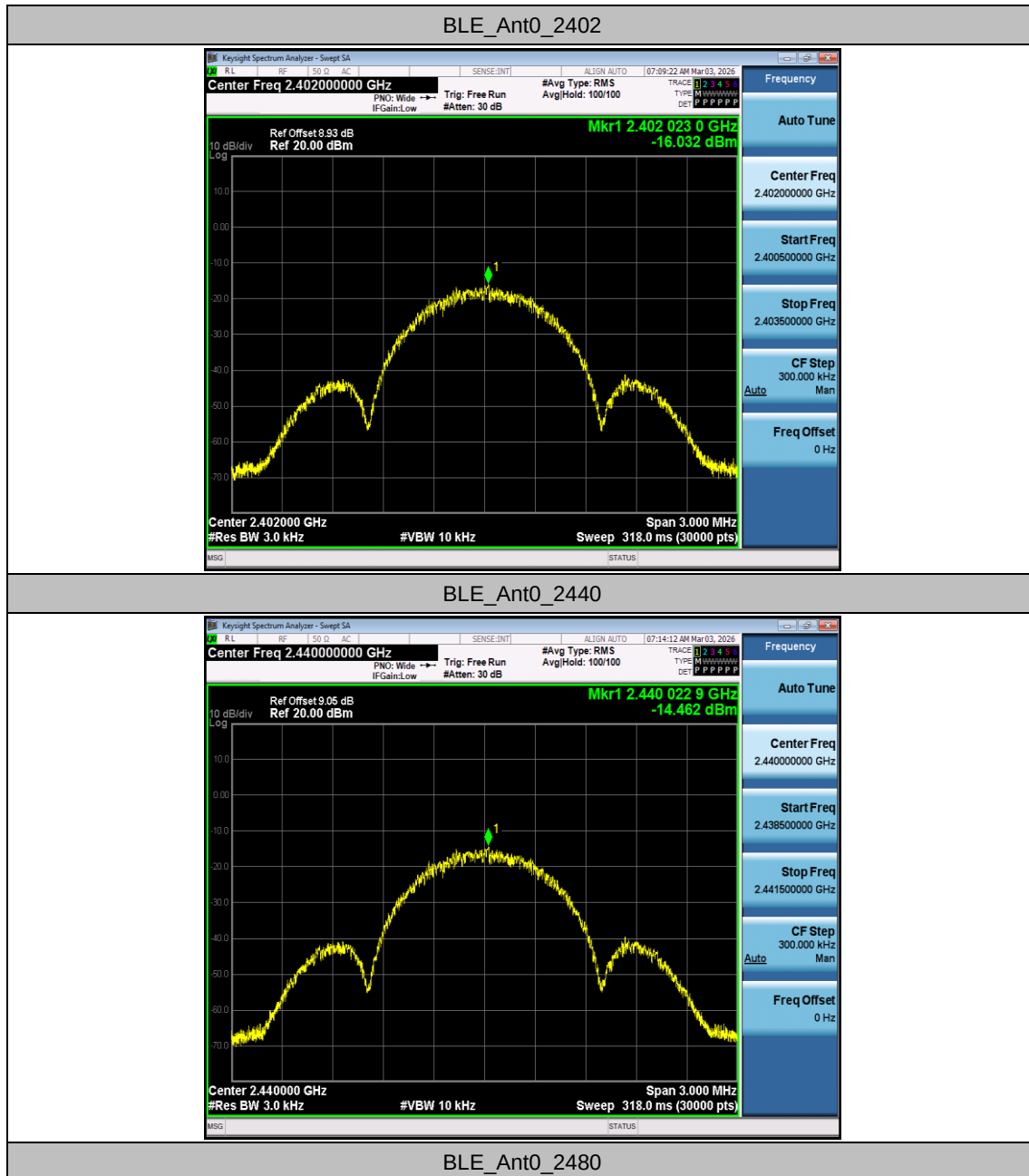
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant0	2402	1.45	≤30	PASS
		2440	3.12	≤30	PASS
		2480	1.96	≤30	PASS

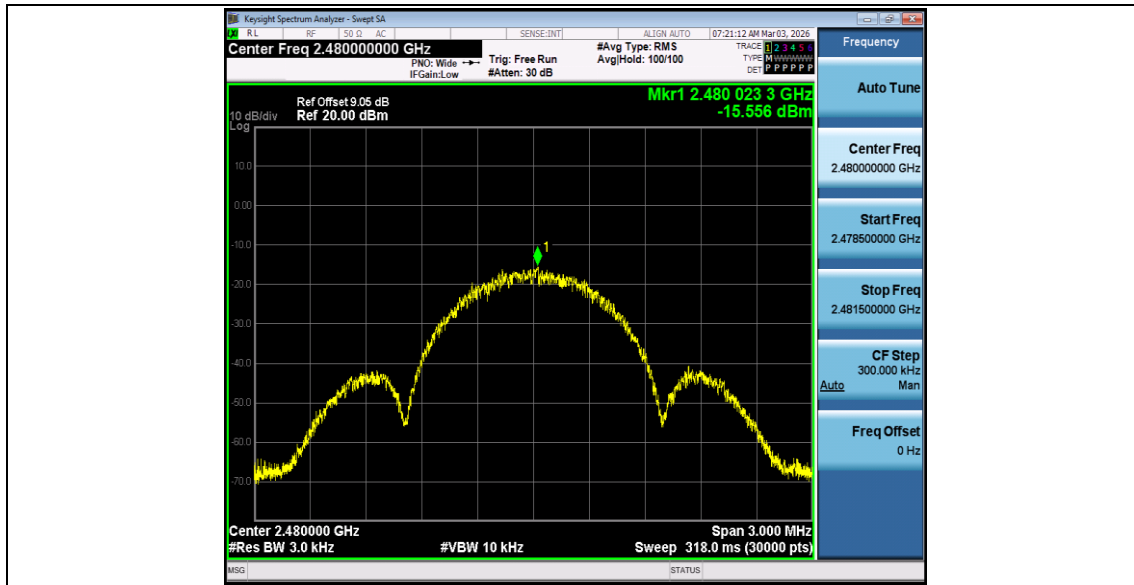
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant0	2402	-16.03	≤8.00	PASS
		2440	-14.46	≤8.00	PASS
		2480	-15.56	≤8.00	PASS

Test Graphs



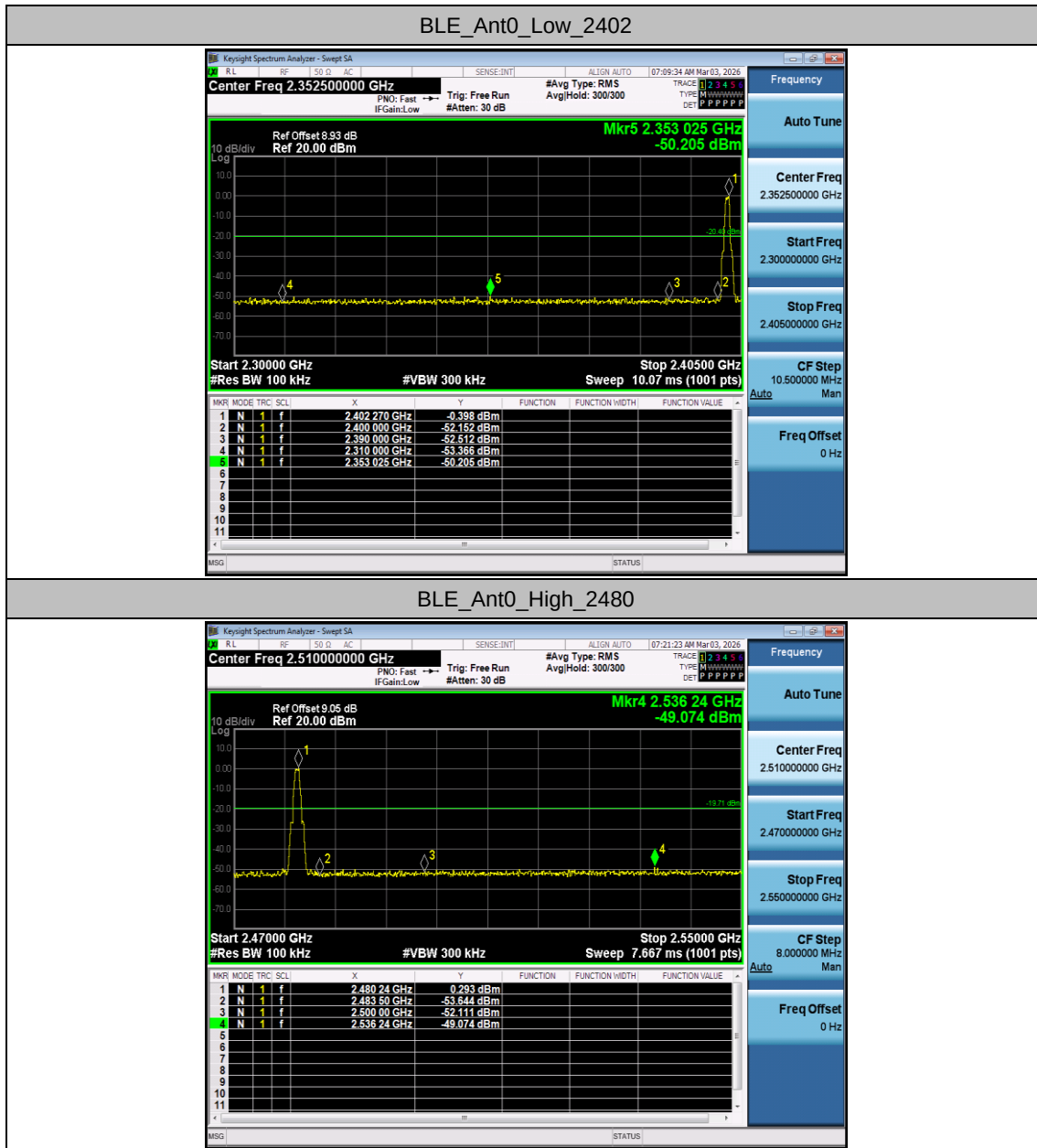


Appendix B.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant0	Low	2402	-0.40	-50.21	≤-20.4	PASS
		High	2480	0.29	-49.07	≤-19.71	PASS

Test Graphs

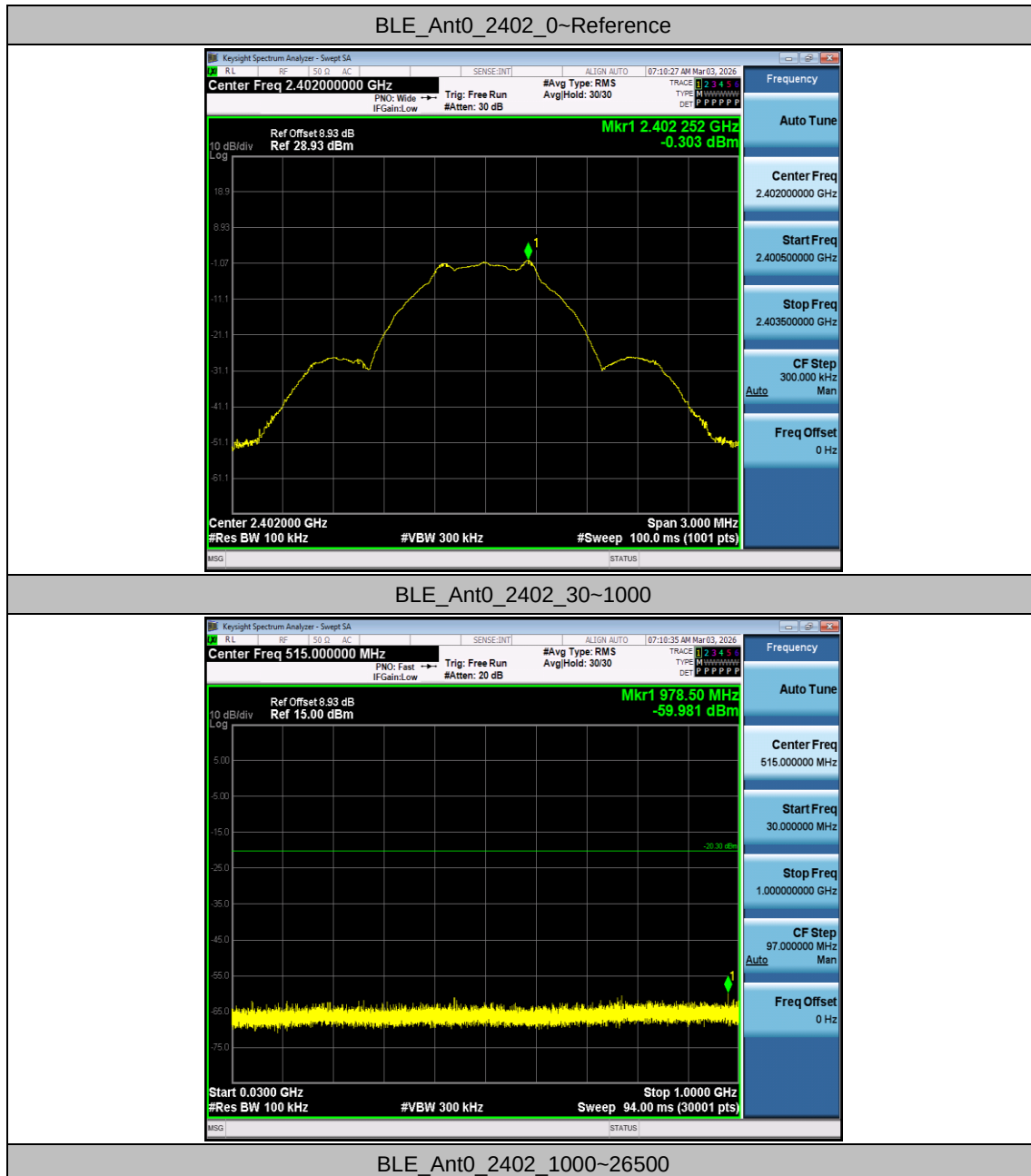


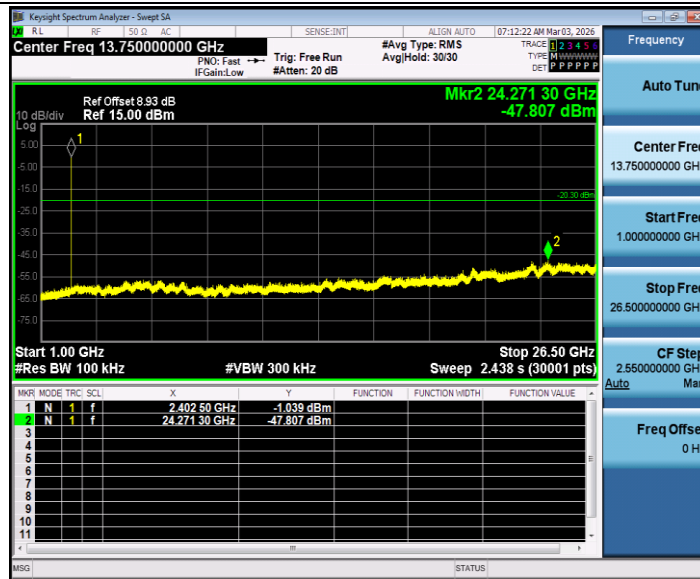
Appendix B.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant0	2402	Reference	-0.30	-0.30	---	PASS
			30~1000	-0.30	-59.98	≤ -20.3	PASS
			1000~26500	-0.30	-47.81	≤ -20.3	PASS
		2440	Reference	1.38	1.38	---	PASS
			30~1000	1.38	-60.98	≤ -18.62	PASS
			1000~26500	1.38	-47.5	≤ -18.62	PASS
		2480	Reference	0.24	0.24	---	PASS
			30~1000	0.24	-60.2	≤ -19.76	PASS
			1000~26500	0.24	-47.64	≤ -19.76	PASS

Test Graphs

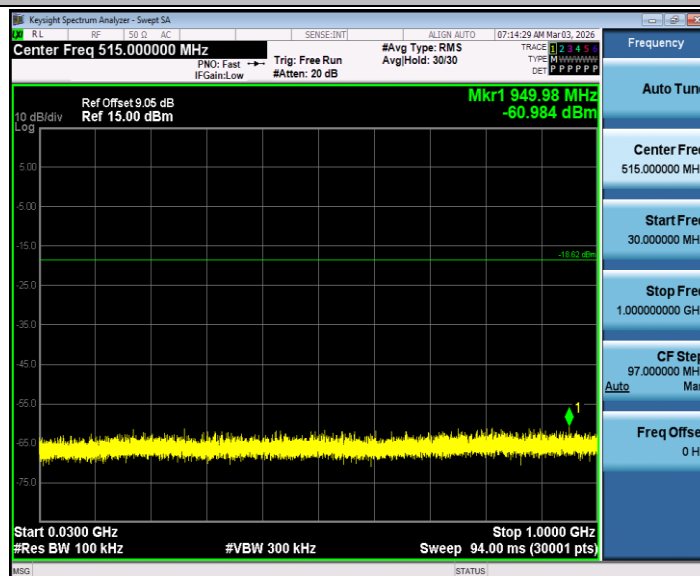




BLE_Ant0_2440_0~Reference



BLE_Ant0_2440_30~1000

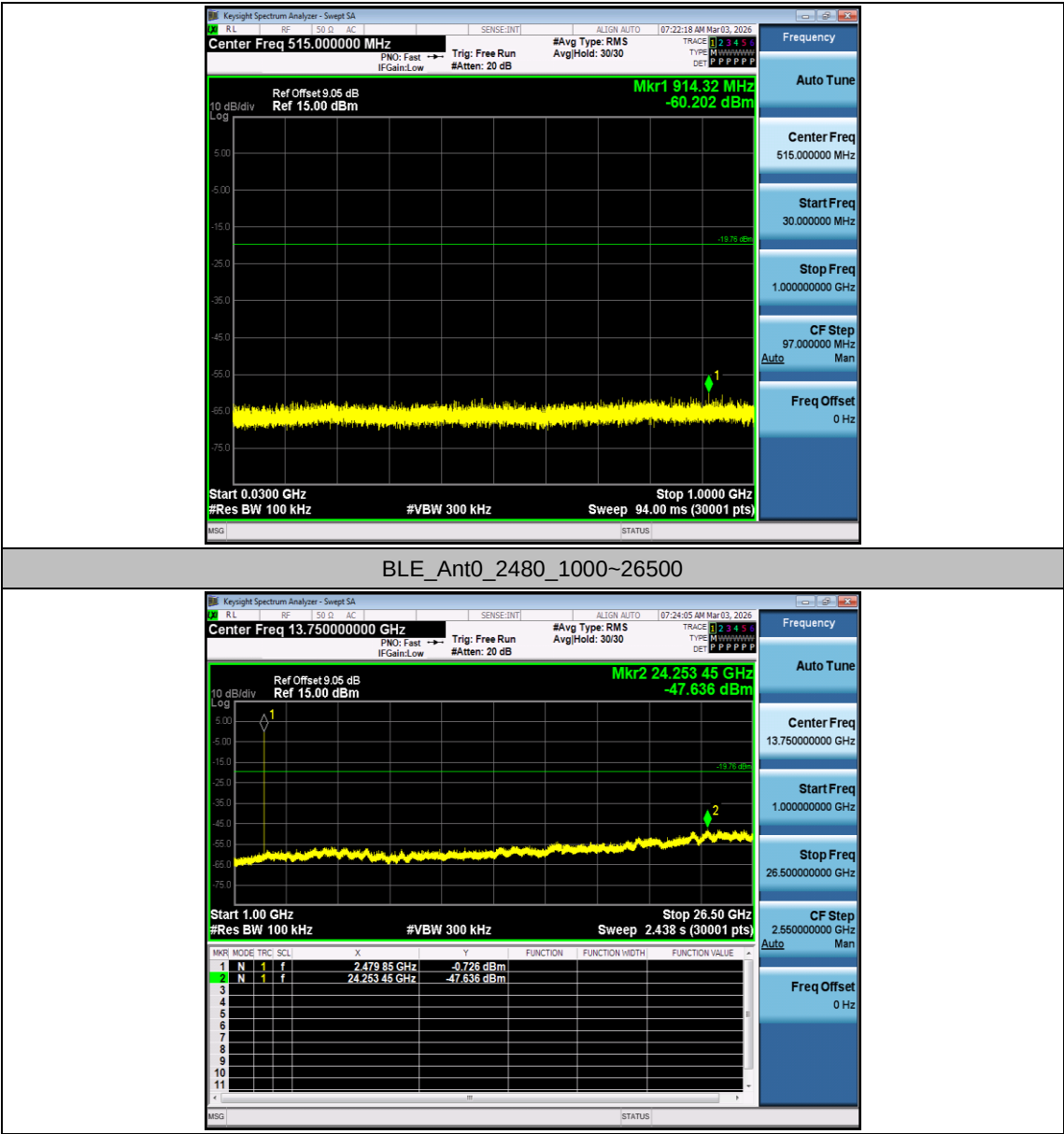




BLE_Ant0_2480_0~Reference

Frequency
Auto Tune
Center Freq 2.480000000 GHz
Start Freq 2.478500000 GHz
Stop Freq 2.481500000 GHz
CF Step 300.000 kHz
Auto Man
Freq Offset 0 Hz

BLE_Ant0_2480_30~1000



Appendix B.7: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
BLE	Ant0	2402	2.13	2.50	0.8520	85.20	0.70	0.47
		2440	2.13	2.50	0.8520	85.20	0.70	0.47
		2480	2.12	2.49	0.8514	85.14	0.70	0.47

Test Graphs

