

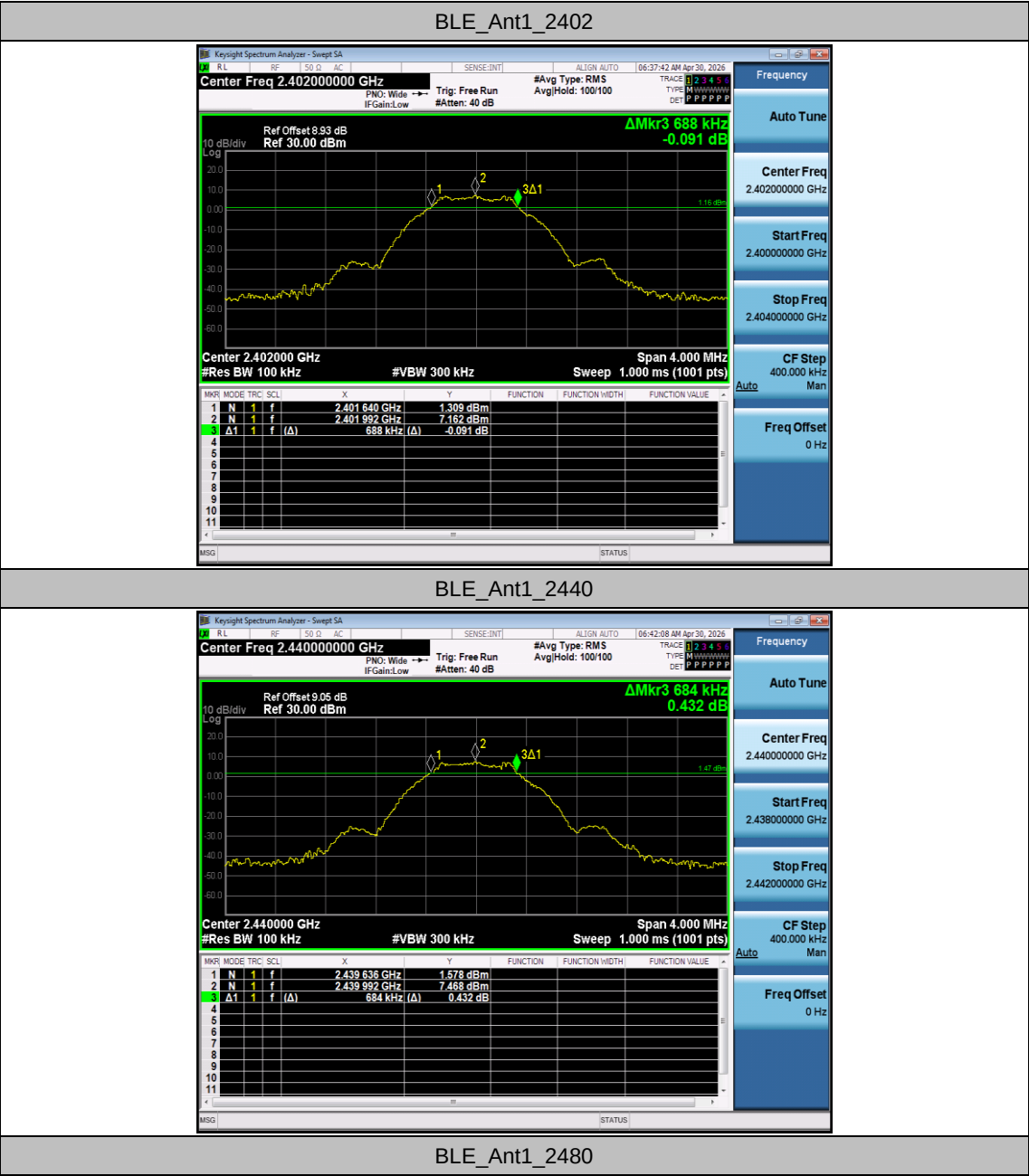
Case No. : <u>GTS20251226016-2-12</u>
Ambient Condition: <u>24</u> °C, <u>59</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.4.23-2026.6.6</u> Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.688	2401.640	2402.328	0.5	PASS
		2440	0.684	2439.636	2440.320	0.5	PASS
		2480	0.676	2479.652	2480.328	0.5	PASS

Test Graphs



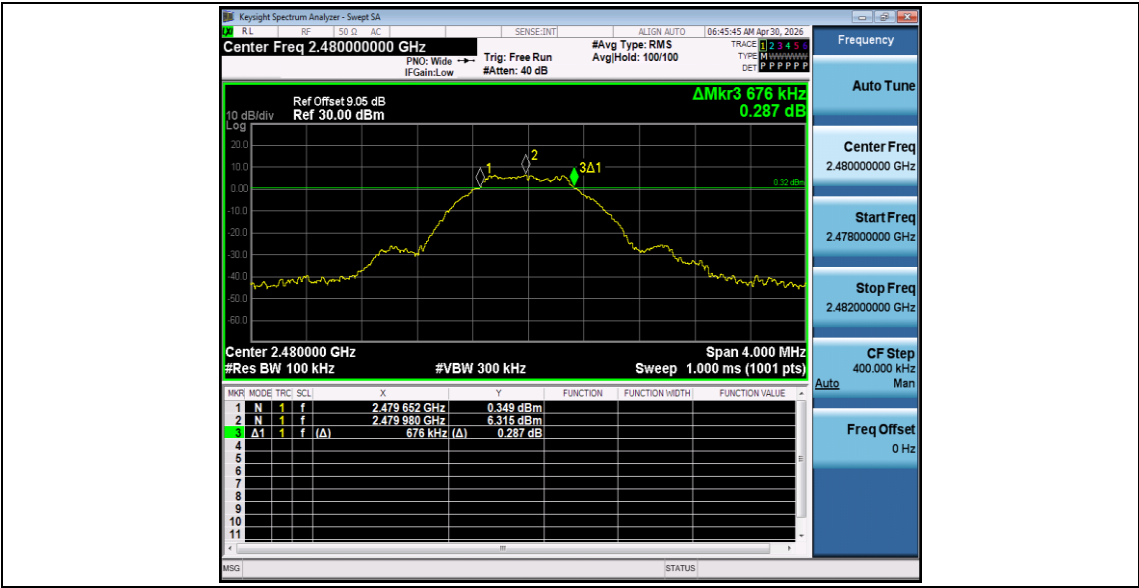
BLE_Ant1_2440

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_Ant1_2480

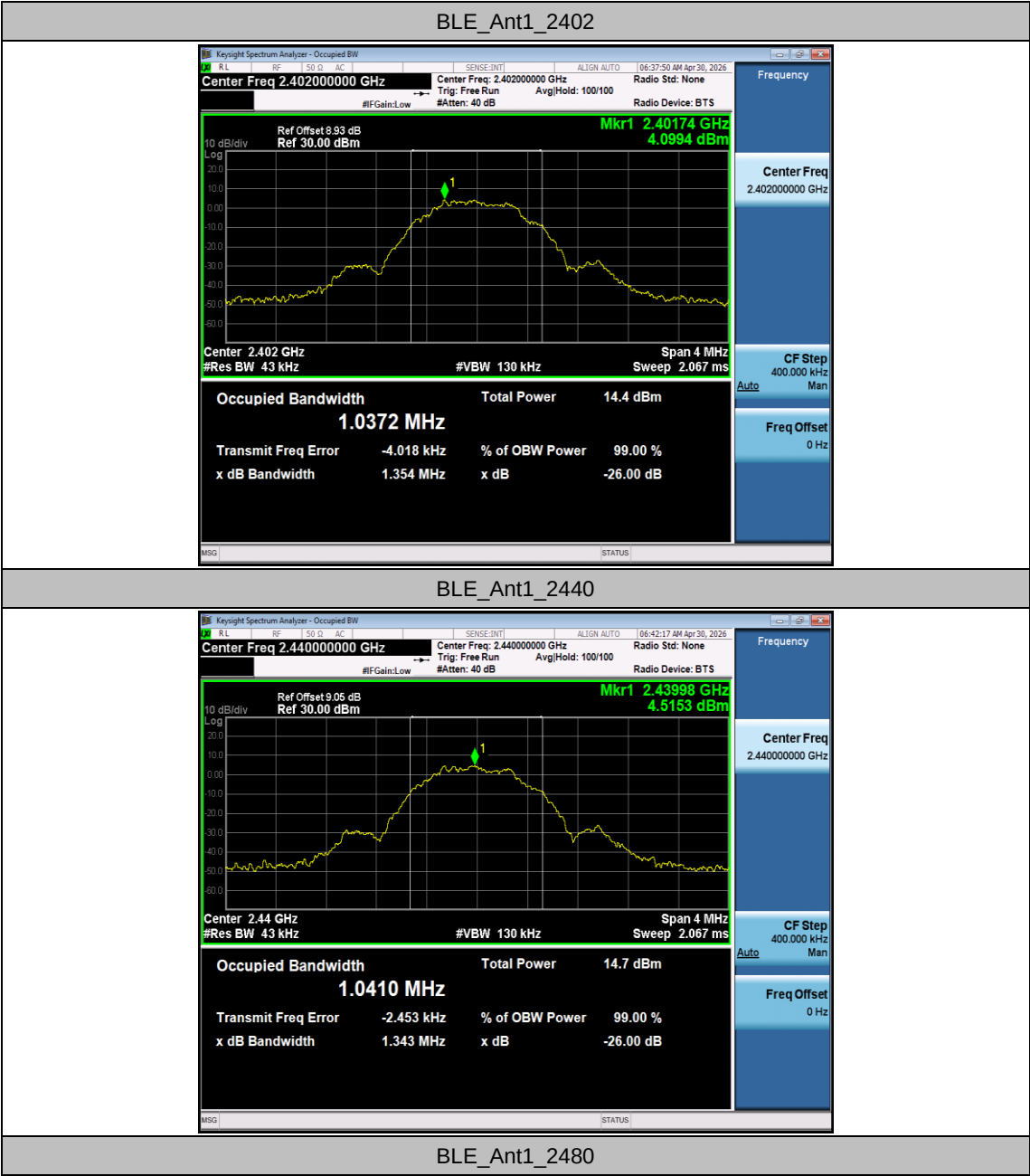


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0372	2401.4774	2402.5146	---	---
		2440	1.0410	2439.4771	2440.5181	---	---
		2480	1.0435	2479.4764	2480.5199	---	---

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	Ant1	2402	9.21	≤29.32	PASS
		2440	9.50	≤29.32	PASS
		2480	8.52	≤29.32	PASS

Limit (dBm)= Limit (dBm)-(Gain-6dBi)

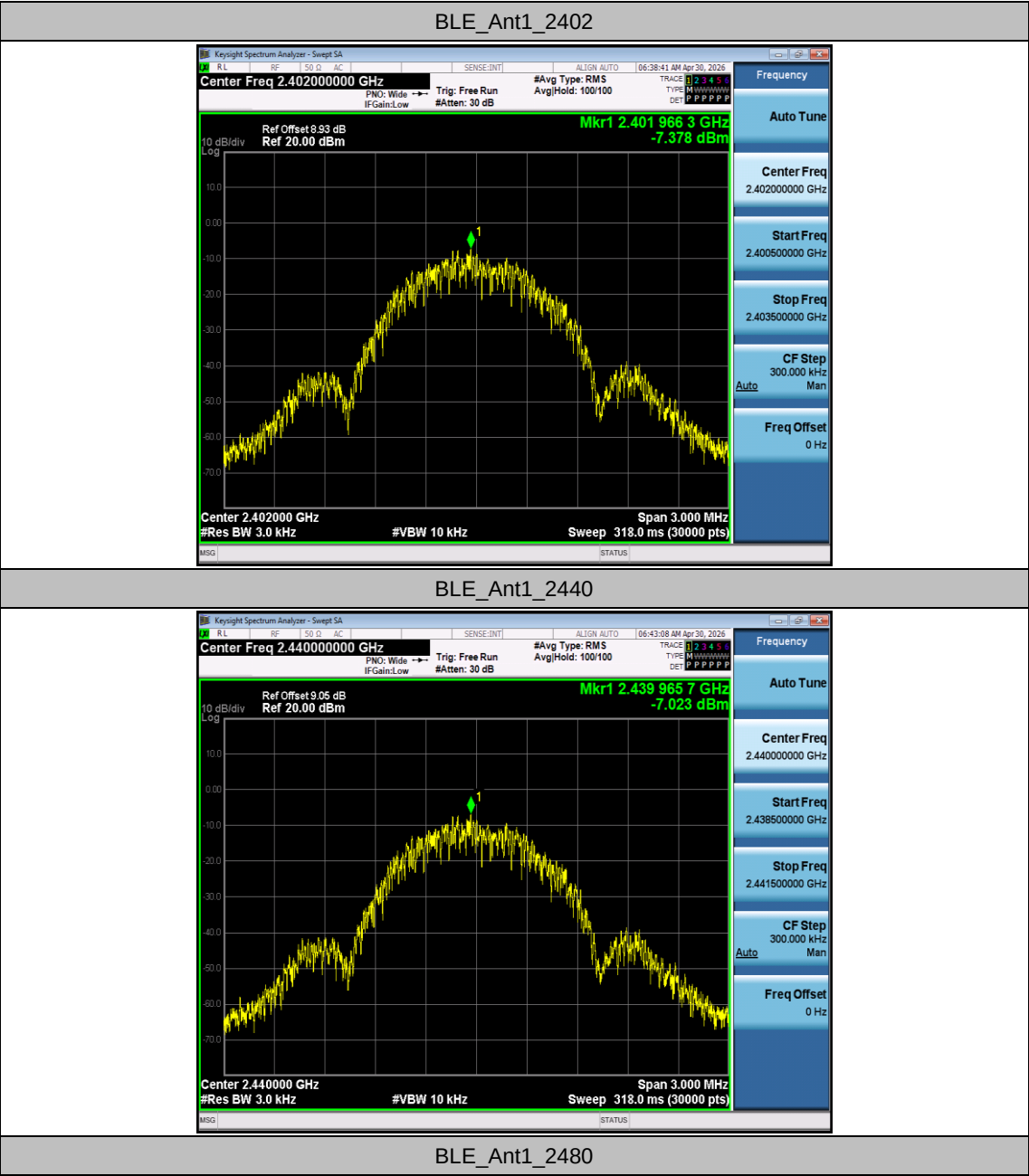
Appendix B.4: Maximum power spectral density

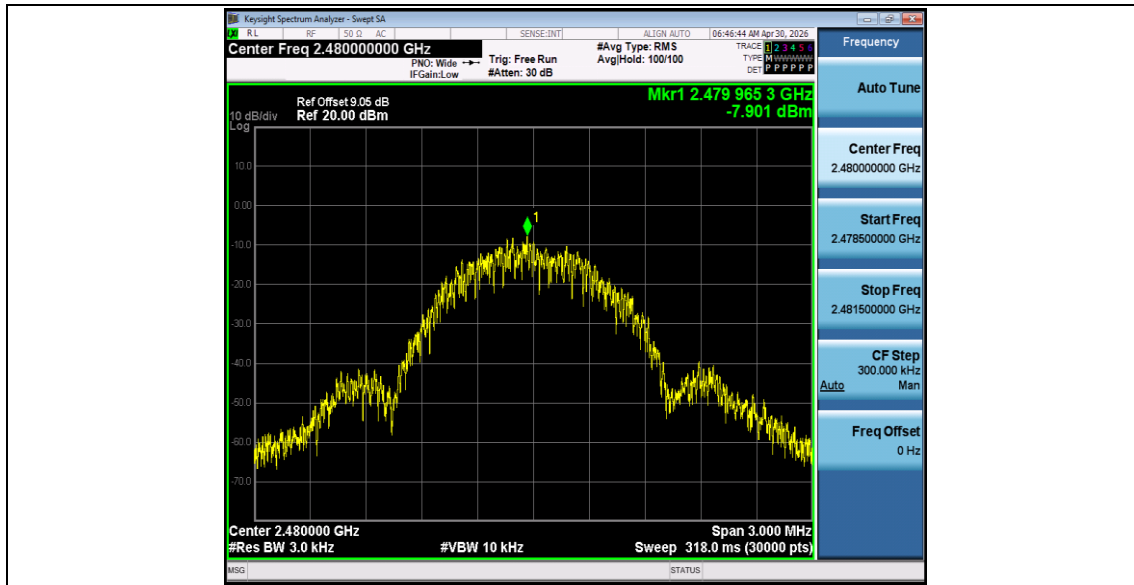
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-7.38	≤7.32	PASS
		2440	-7.02	≤7.32	PASS
		2480	-7.90	≤7.32	PASS

Limit (dBm/3kHz)= Limit (dBm/3kHz)-(Gain-6dBi)

Test Graphs



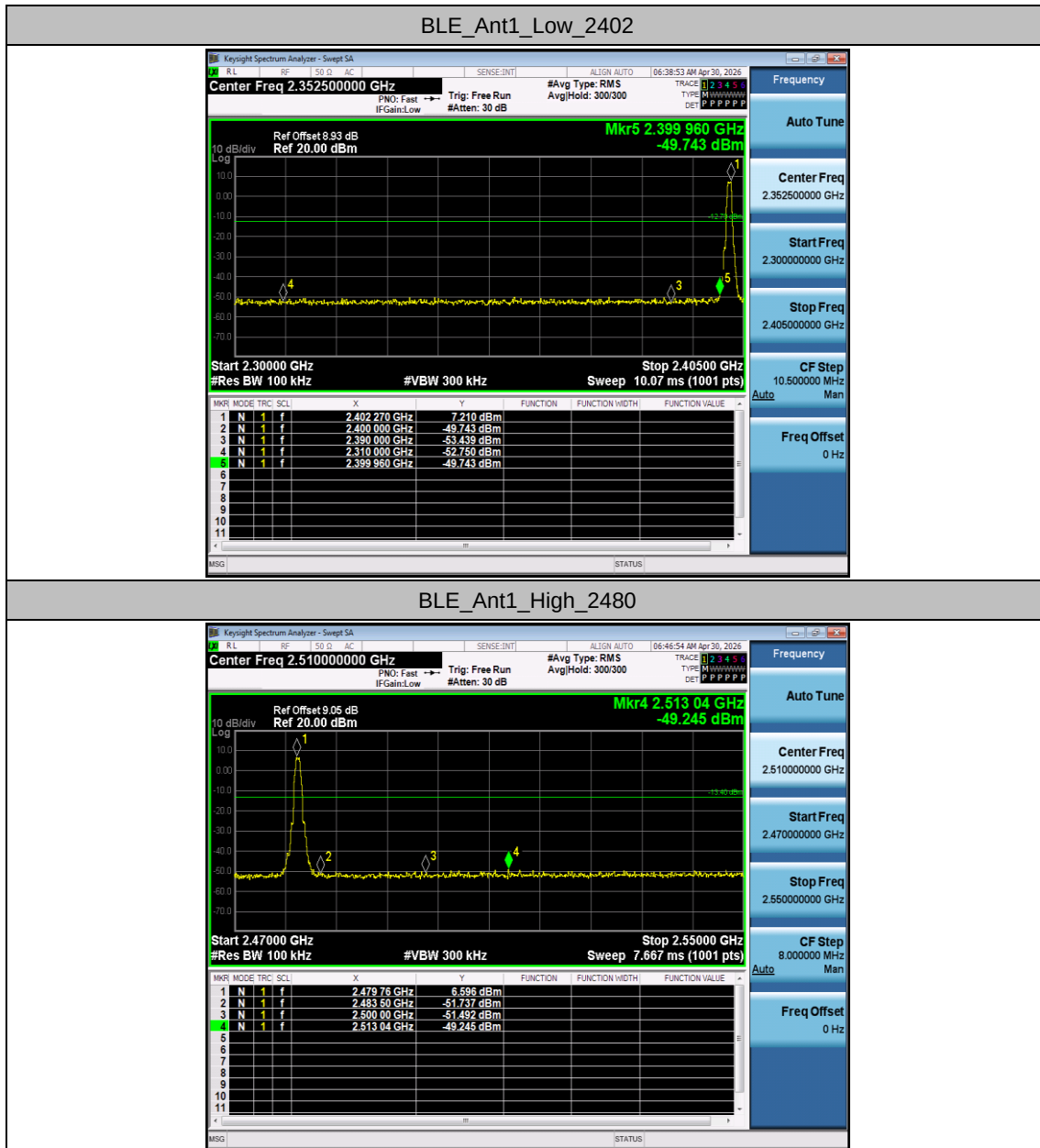


Appendix B.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	7.21	-49.74	≤-12.79	PASS
		High	2480	6.60	-49.25	≤-13.4	PASS

Test Graphs

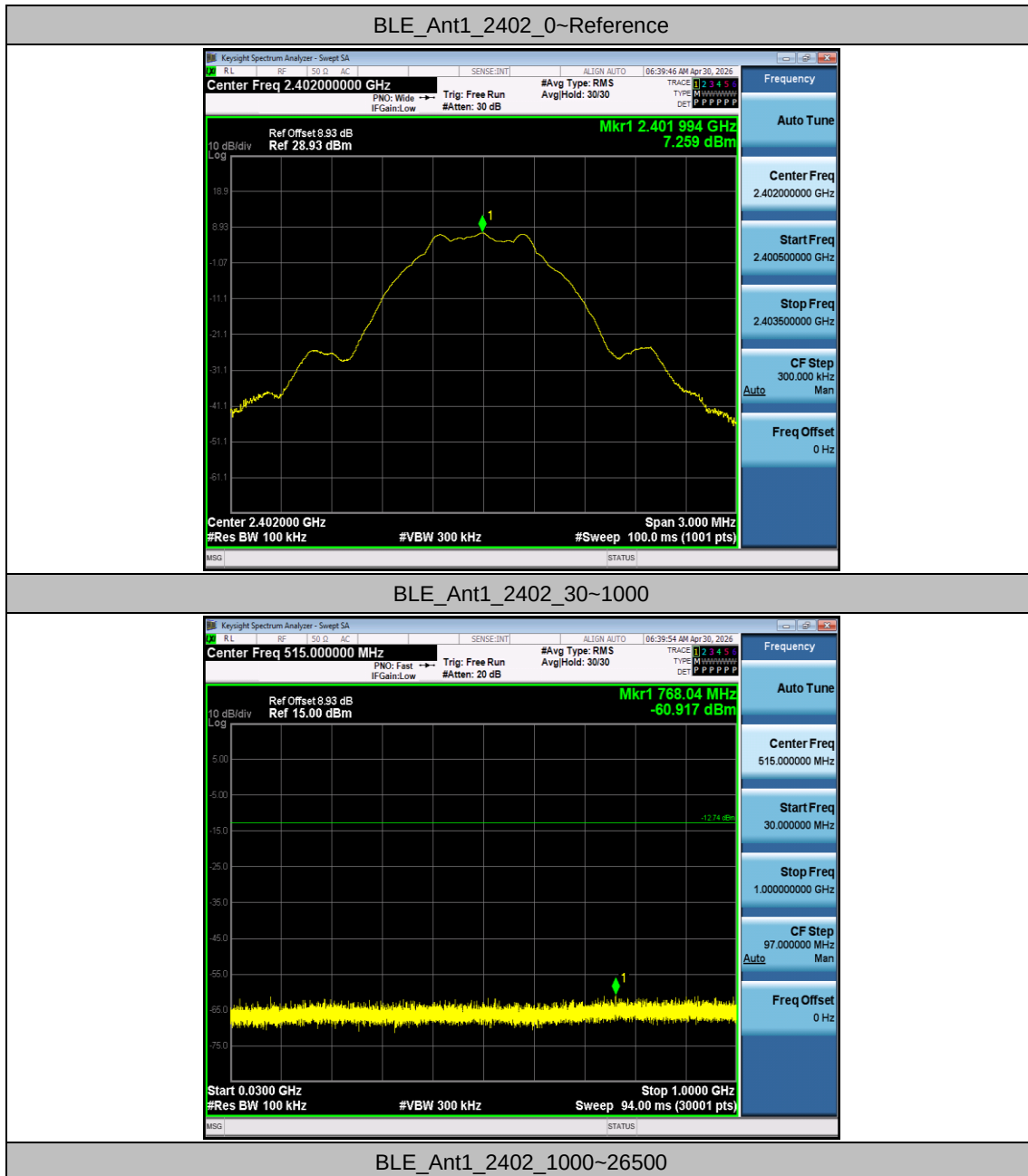


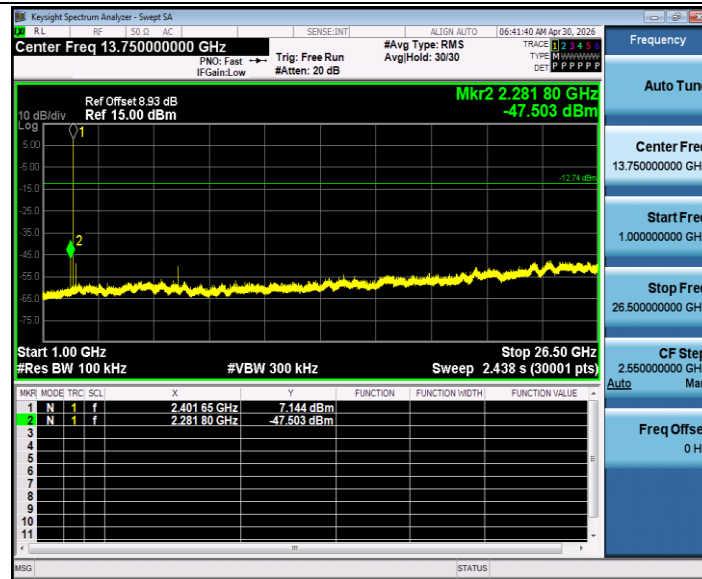
Appendix B.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	7.26	7.26	---	PASS
			30~1000	7.26	-60.92	≤ -12.74	PASS
			1000~26500	7.26	-47.5	≤ -12.74	PASS
		2440	Reference	7.57	7.57	---	PASS
			30~1000	7.57	-60.74	≤ -12.43	PASS
			1000~26500	7.57	-47.47	≤ -12.43	PASS
		2480	Reference	6.64	6.64	---	PASS
			30~1000	6.64	-60.28	≤ -13.36	PASS
			1000~26500	6.64	-47.21	≤ -13.36	PASS

Test Graphs

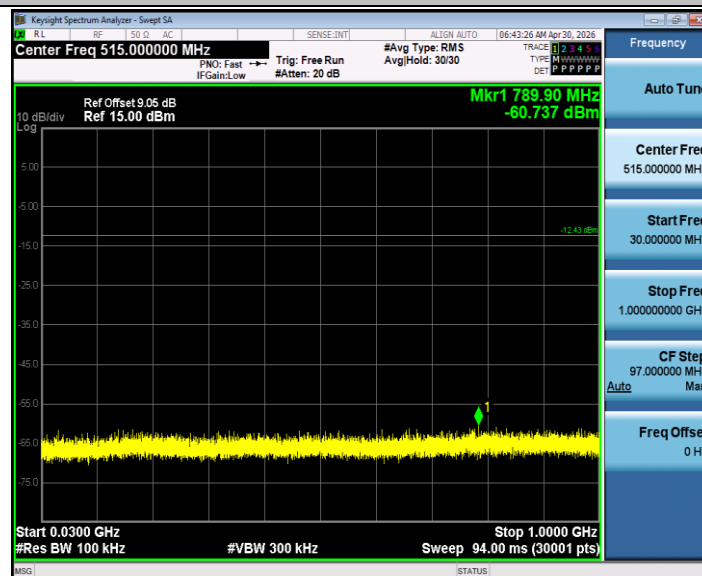




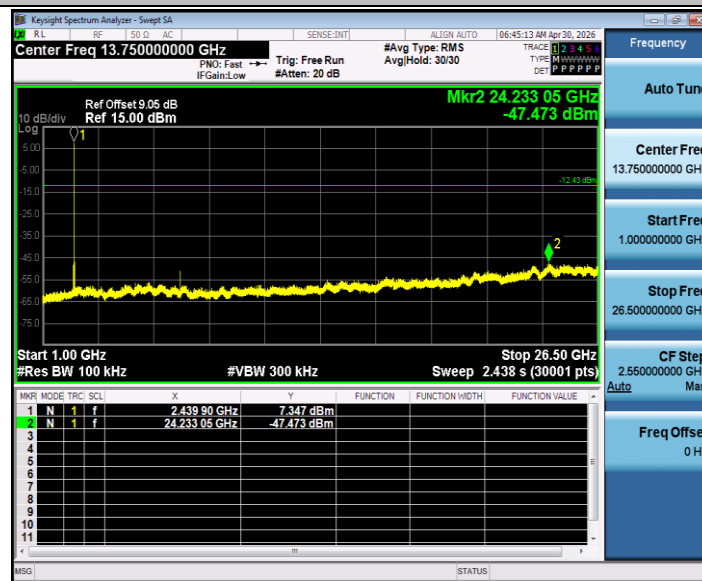
BLE_Ant1_2440_0~Reference



BLE_Ant1_2440_30~1000



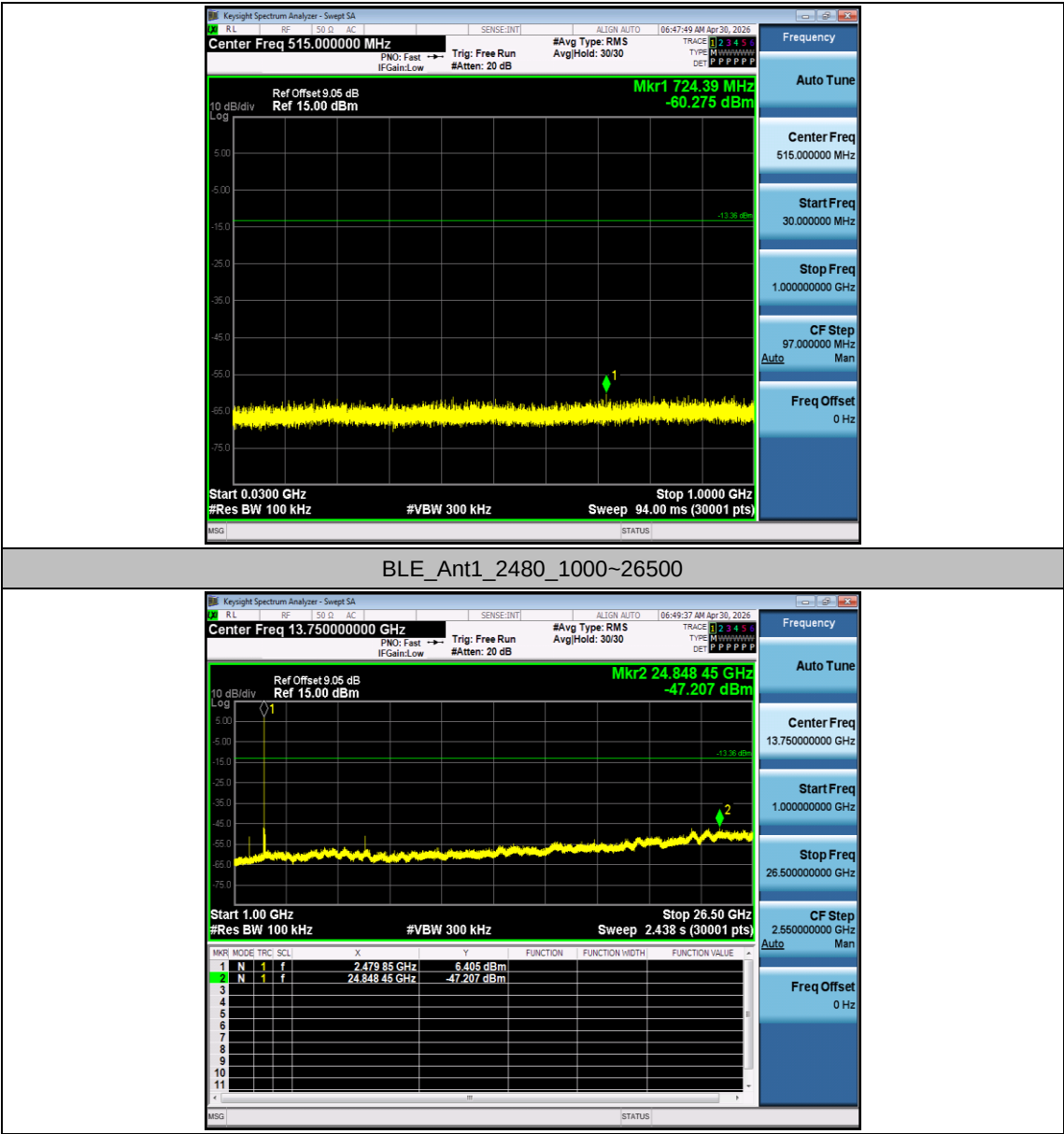
BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000

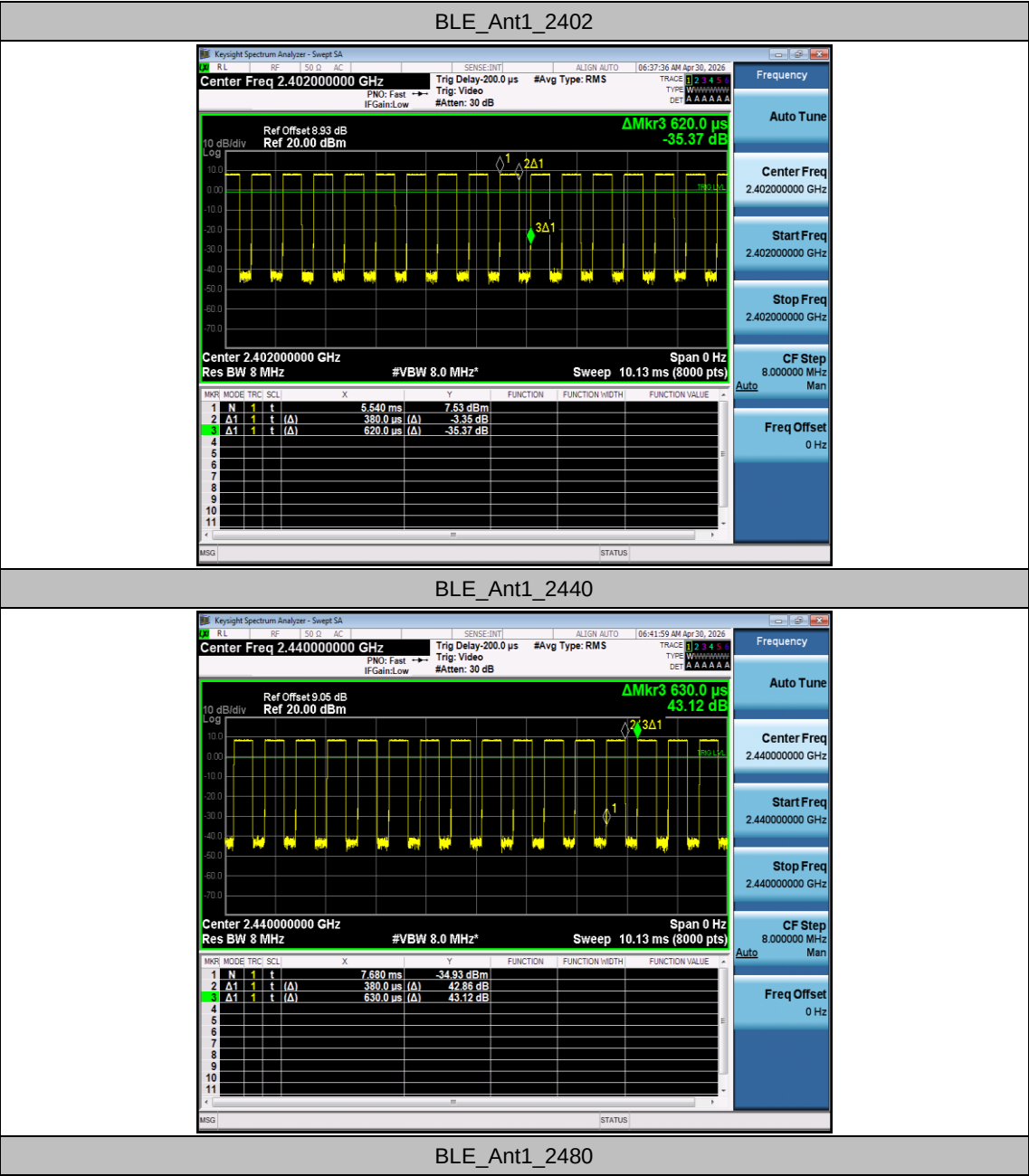


Appendix B.7: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	Duty Cycle Factor[dB]	1/T Factor [KHz]
BLE	Ant1	2402	0.38	0.62	0.6129	61.29	2.13	2.63
		2440	0.38	0.63	0.6032	60.32	2.20	2.63
		2480	0.39	0.63	0.6190	61.90	2.08	2.56

Test Graphs



BLE_Ant1_2440

Frequency
Auto Tune
Center Freq 2.440000000 GHz
Start Freq 2.440000000 GHz
Stop Freq 2.440000000 GHz
CF Step 8.000000 MHz
Freq Offset 0 Hz

BLE_Ant1_2480

