

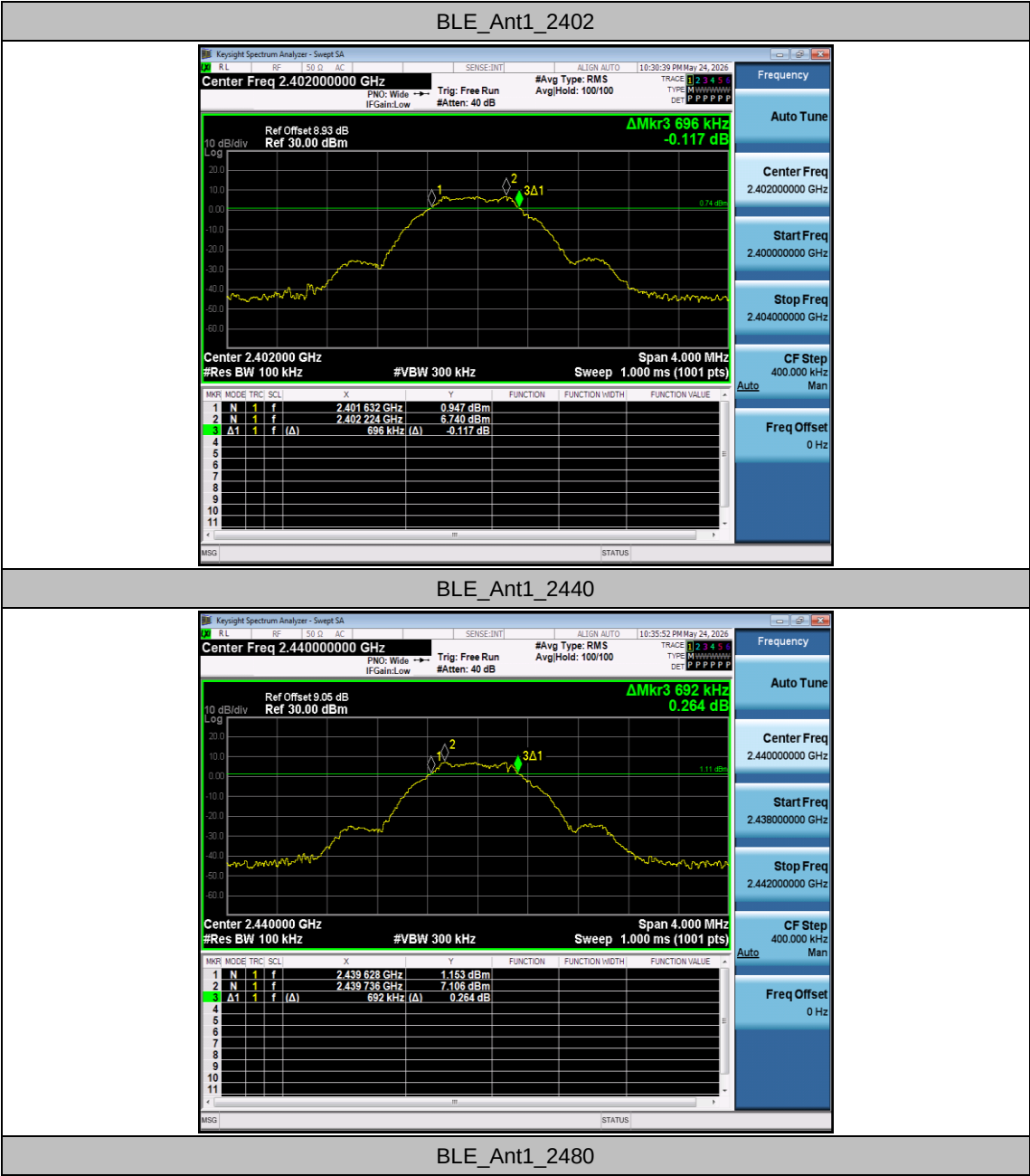
Case No. : <u>GTS20251226016-1-12</u>
Ambient Condition: <u>25</u> °C, <u>59</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.4.23-2026.6.11</u> Test Engineer: <u>Evan ouyang</u>

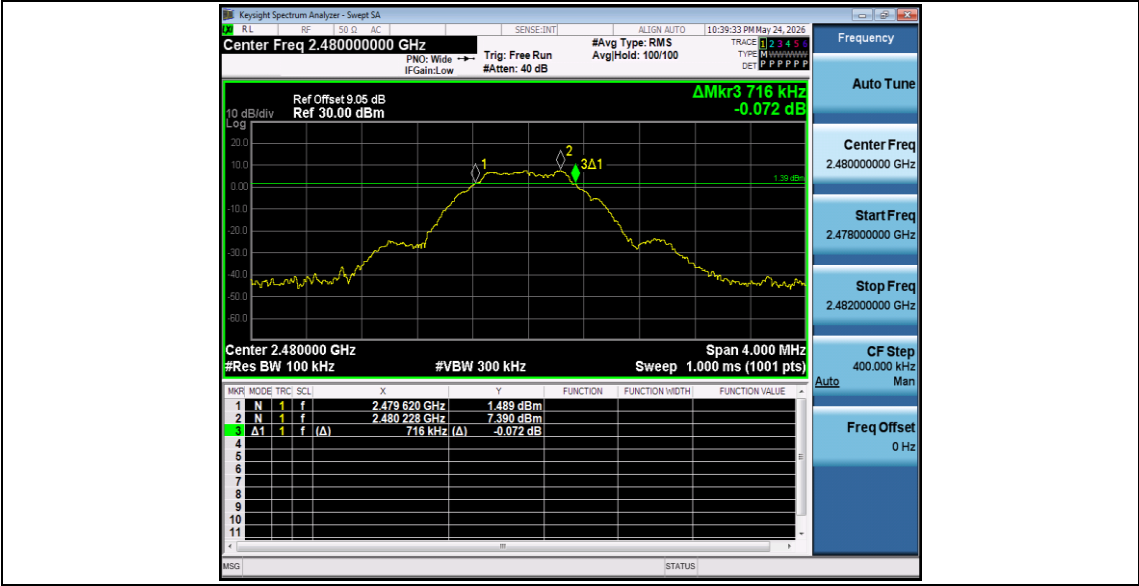
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.696	2401.632	2402.328	0.5	PASS
		2440	0.692	2439.628	2440.320	0.5	PASS
		2480	0.716	2479.620	2480.336	0.5	PASS

Test Graphs



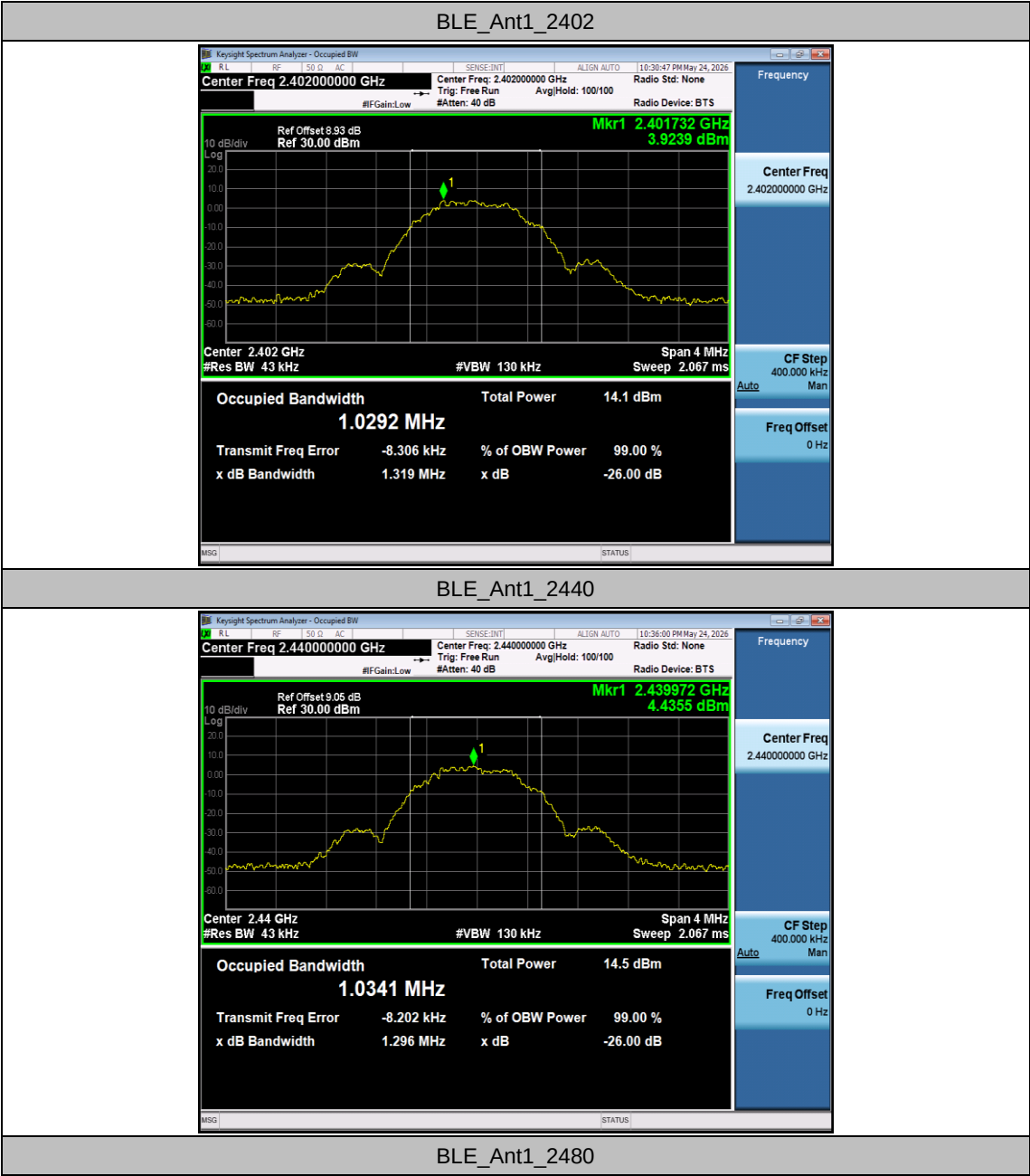


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0292	2401.4771	2402.5063	---	---
		2440	1.0341	2439.4748	2440.5089	---	---
		2480	1.0399	2479.4718	2480.5117	---	---

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	8.79	≤29.32	PASS
		2440	9.24	≤29.32	PASS
		2480	9.48	≤29.32	PASS

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

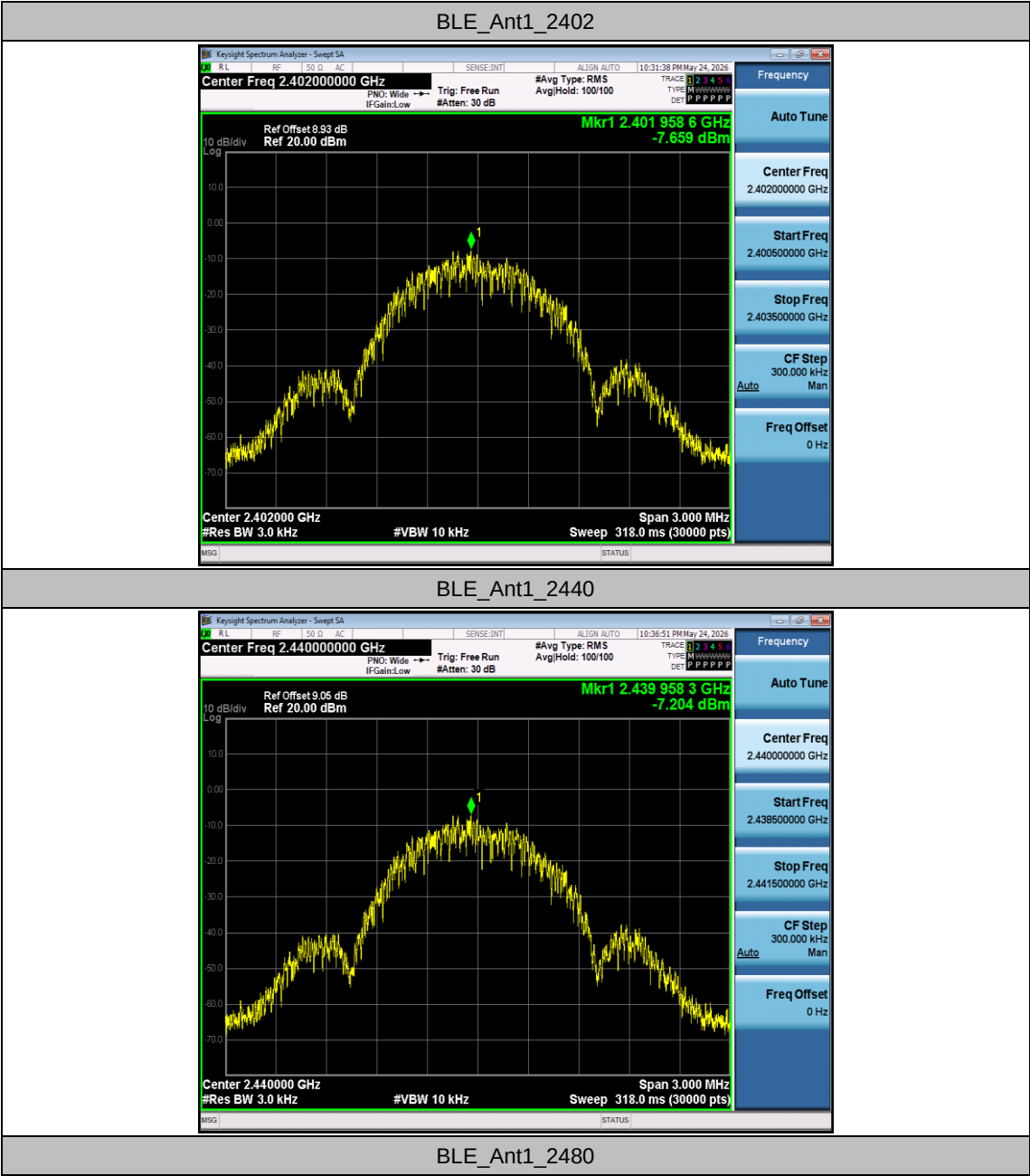
Appendix B.4: Maximum power spectral density

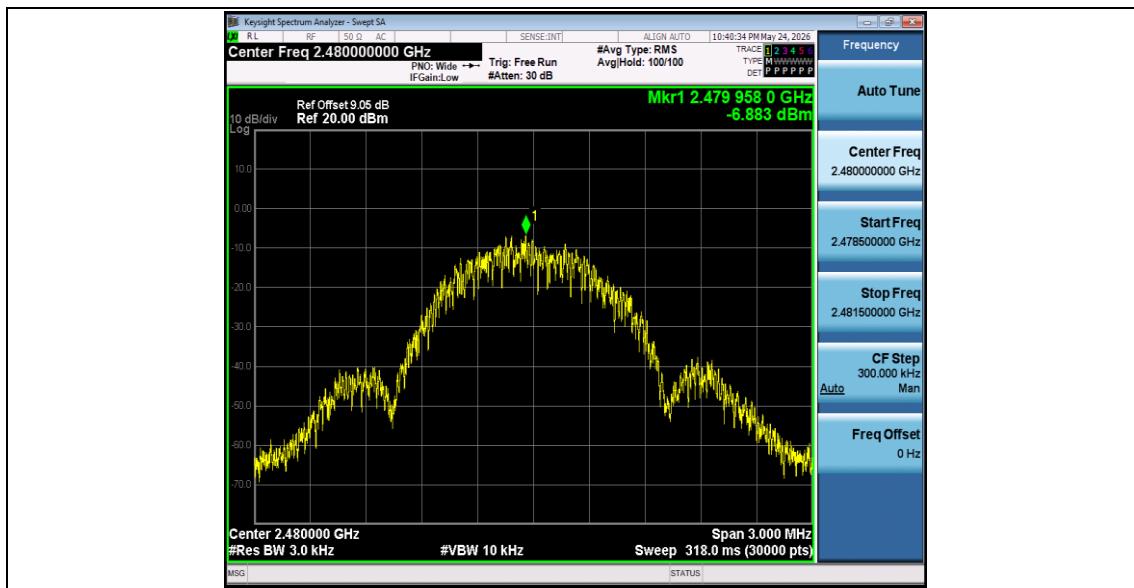
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-7.66	≤7.32	PASS
		2440	-7.20	≤7.32	PASS
		2480	-6.88	≤7.32	PASS

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

Test Graphs



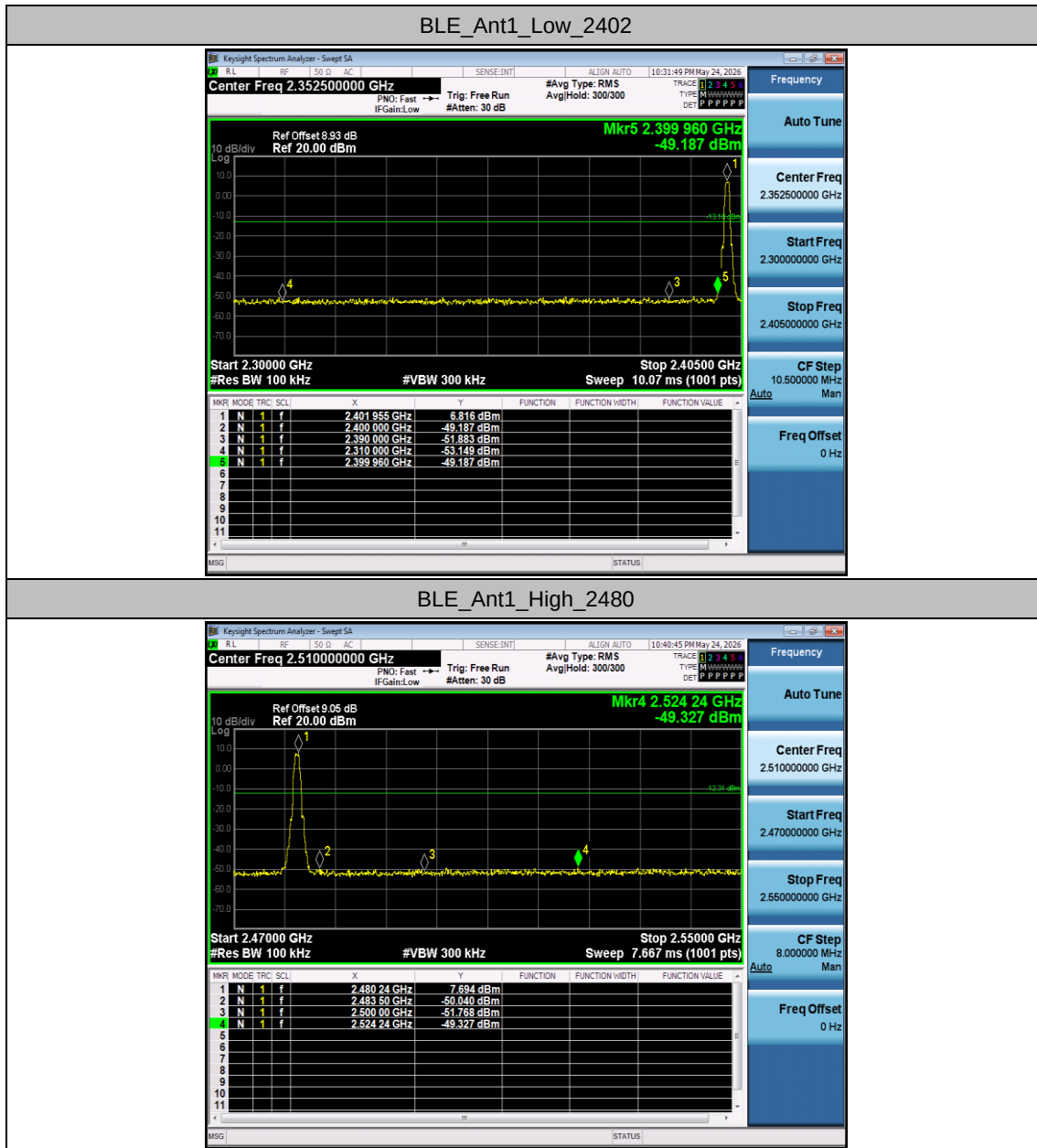


Appendix B.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	6.82	-49.19	≤-13.18	PASS
		High	2480	7.69	-49.33	≤-12.31	PASS

Test Graphs

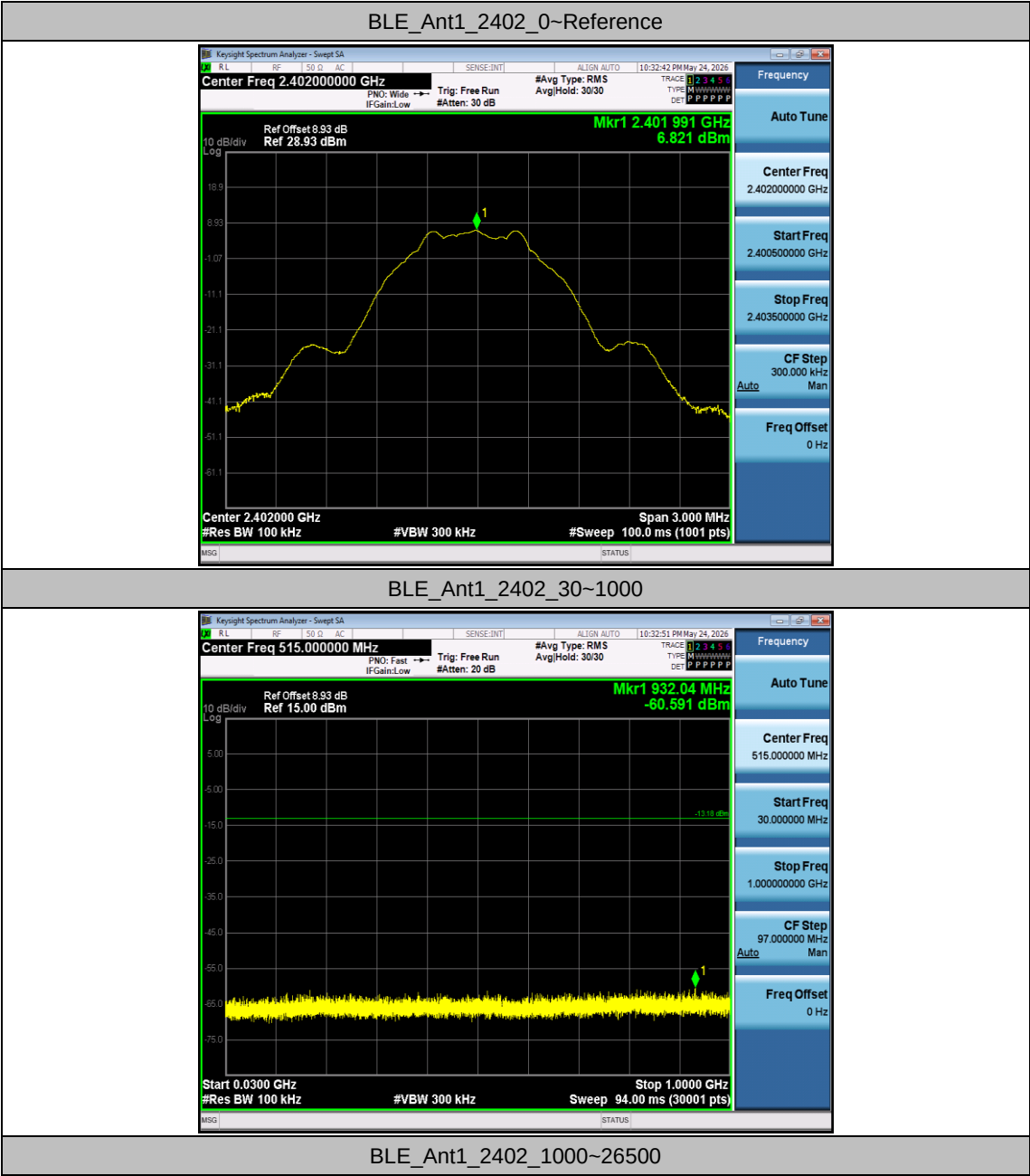


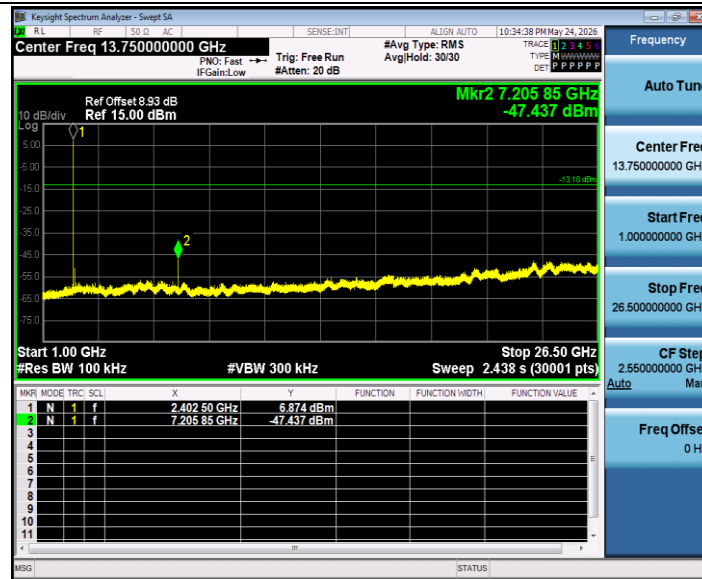
Appendix B.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	6.82	6.82	---	PASS
			30~1000	6.82	-60.59	≤ -13.18	PASS
			1000~26500	6.82	-47.44	≤ -13.18	PASS
		2440	Reference	7.28	7.28	---	PASS
			30~1000	7.28	-60.66	≤ -12.72	PASS
			1000~26500	7.28	-48.01	≤ -12.72	PASS
		2480	Reference	7.58	7.58	---	PASS
			30~1000	7.58	-60.66	≤ -12.42	PASS
			1000~26500	7.58	-47.74	≤ -12.42	PASS

Test Graphs

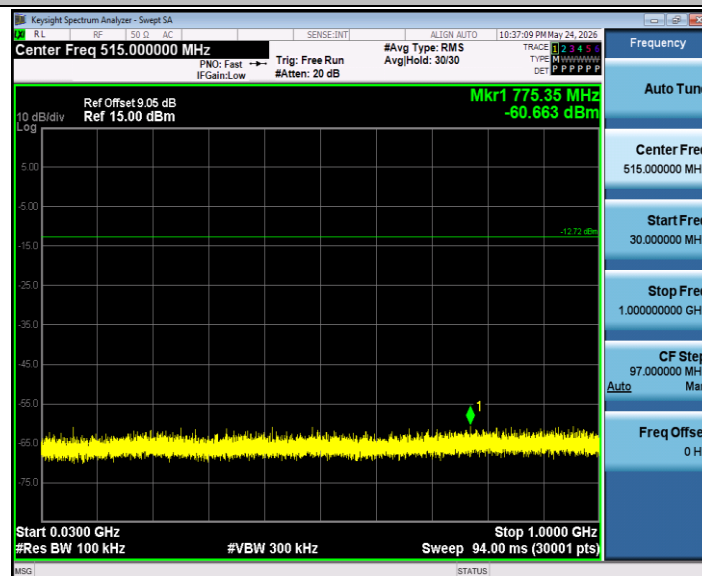




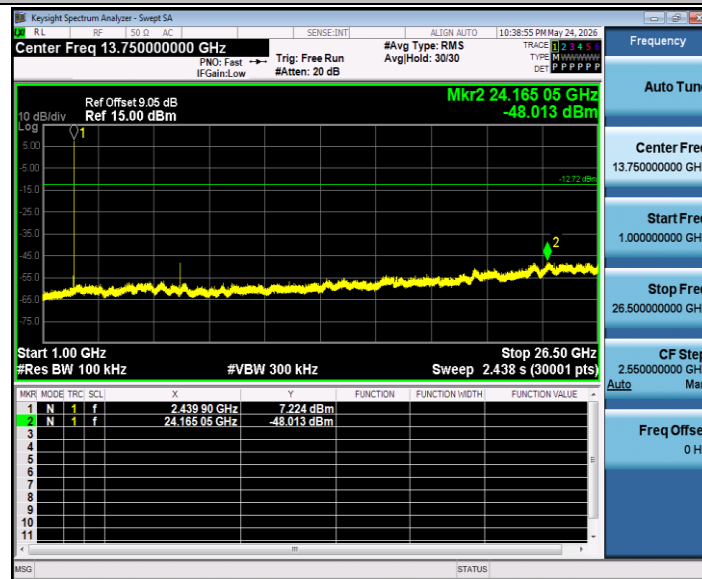
BLE_Ant1_2440_0~Reference



BLE_Ant1_2440_30~1000



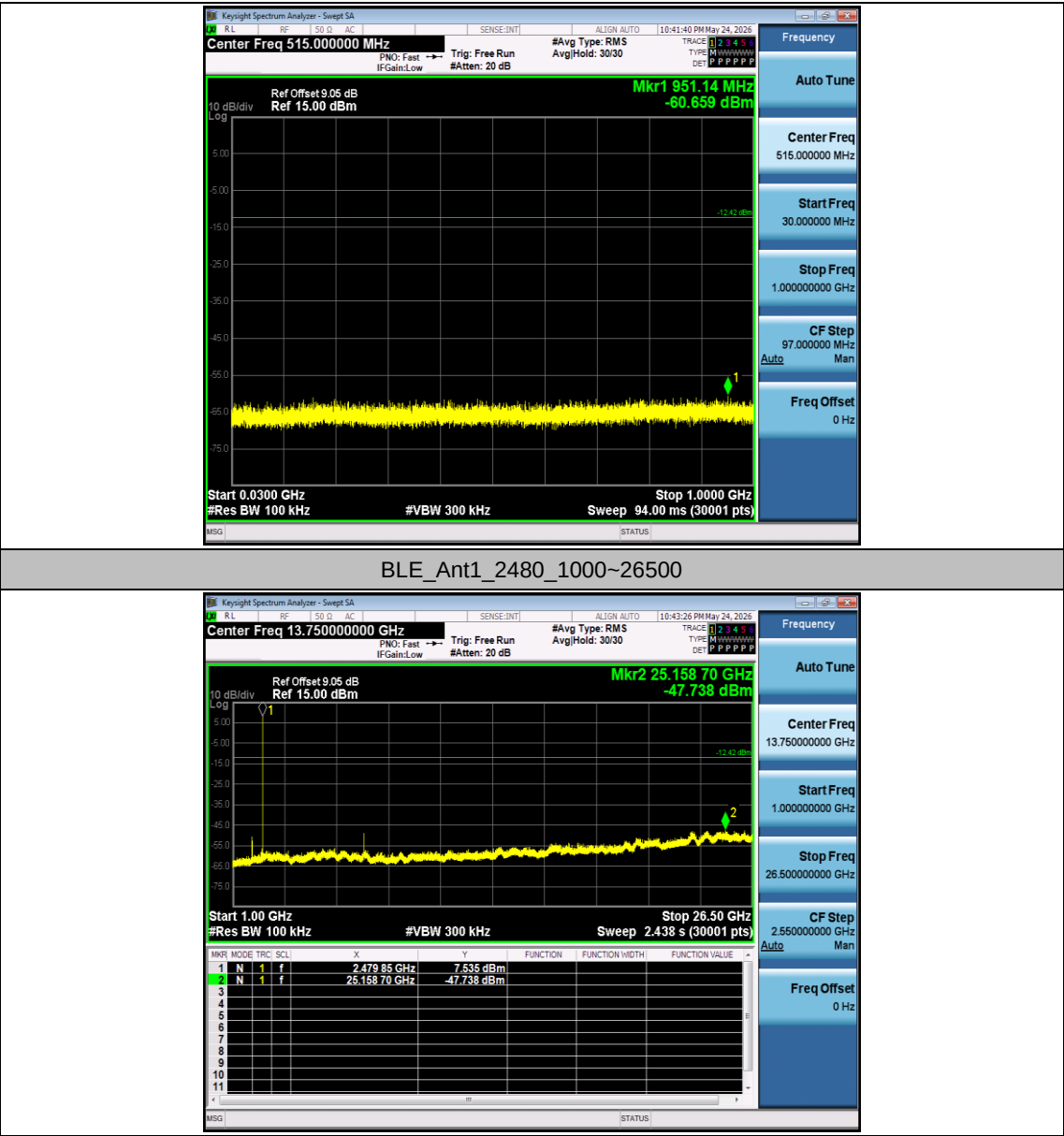
BLE_Ant1_2440_1000~26500



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	0.39	0.63	0.6190	61.90	2.08	2.56
		2440	0.39	0.63	0.6190	61.90	2.08	2.56
		2480	0.39	0.63	0.6190	61.90	2.08	2.56

Test Graphs

