

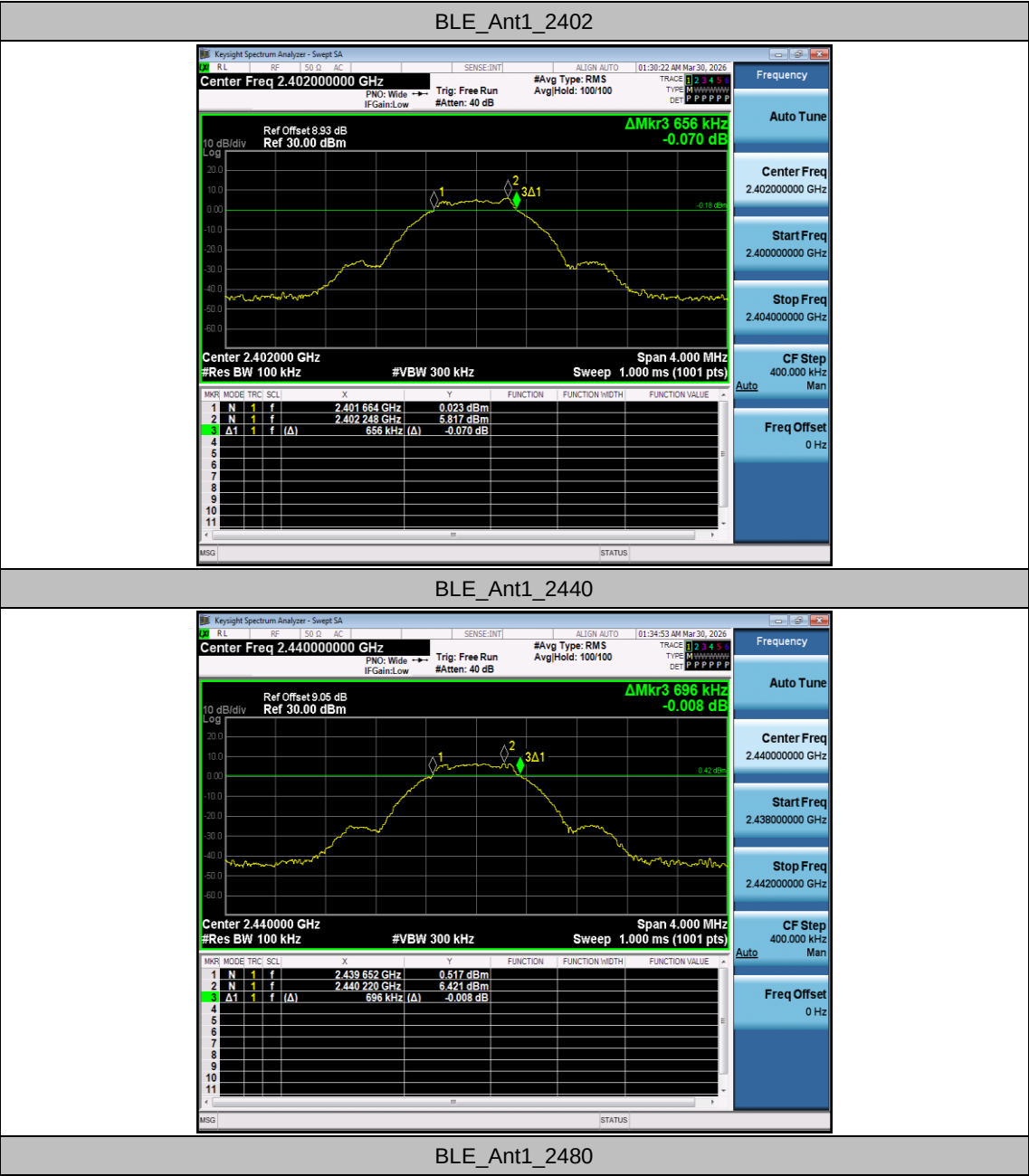
Case No. : <u>GTS20251122004-2-13</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: ■Part15C
Test Date: <u>2025.12.15-2026.3.31</u> Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.656	2401.664	2402.320	0.5	PASS
		2440	0.696	2439.652	2440.348	0.5	PASS
		2480	0.692	2479.636	2480.328	0.5	PASS

Test Graphs



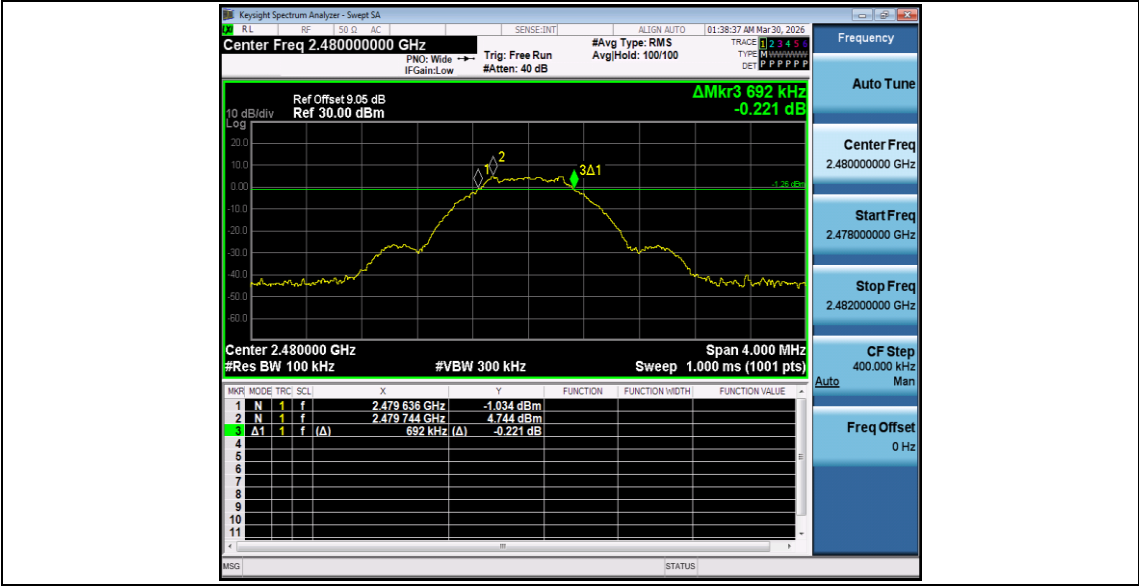
BLE_Ant1_2440

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



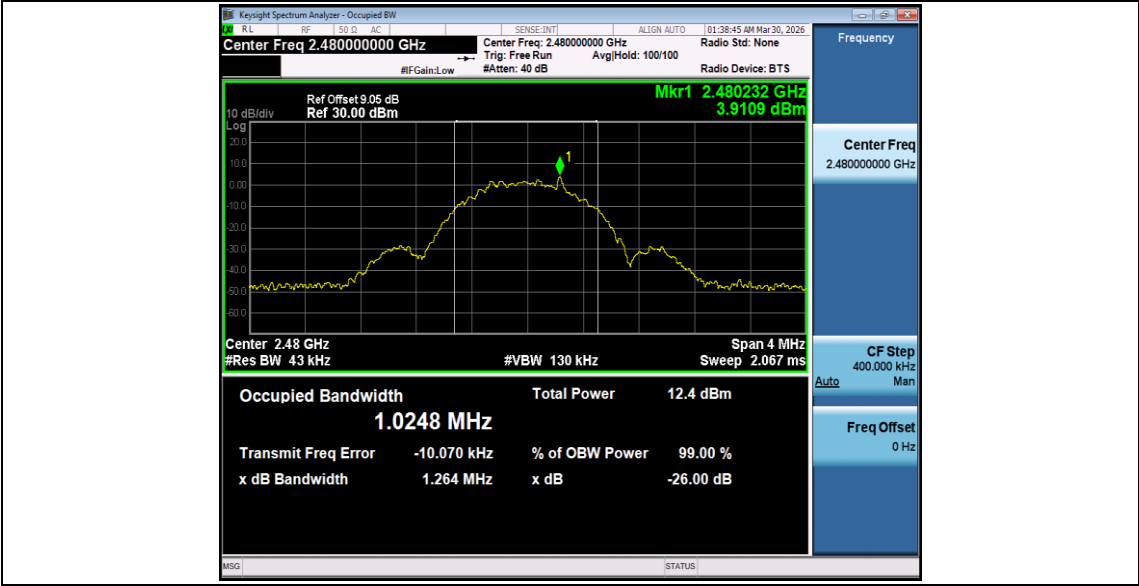
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0350	2401.4743	2402.5093	---	---
		2440	1.0287	2439.4770	2440.5057	---	---
		2480	1.0248	2479.4775	2480.5023	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

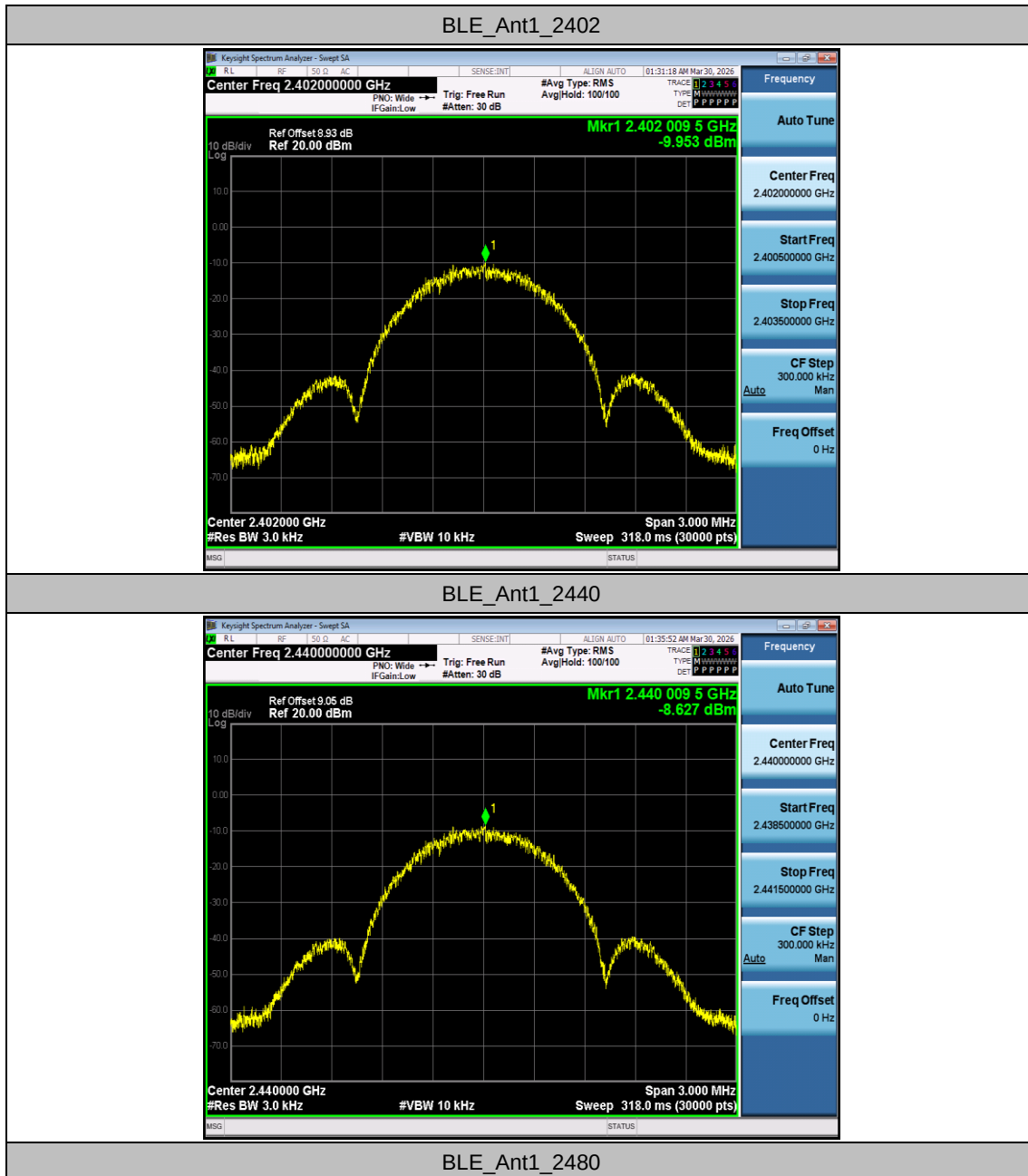
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	7.10	≤30	PASS
		2440	8.58	≤30	PASS
		2480	6.74	≤30	PASS

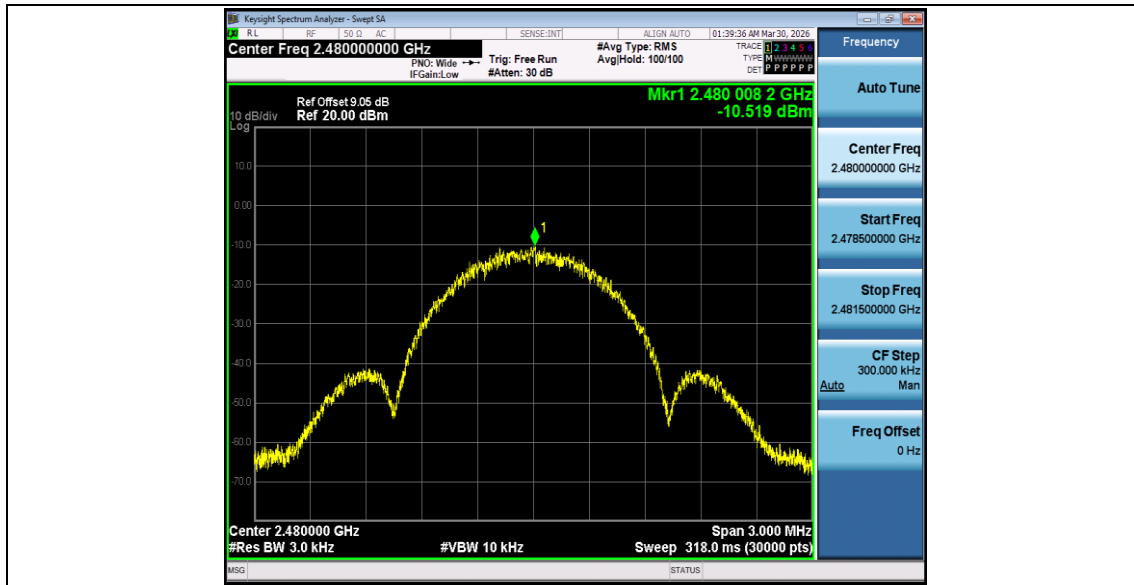
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-9.95	≤8.00	PASS
		2440	-8.63	≤8.00	PASS
		2480	-10.52	≤8.00	PASS

Test Graphs



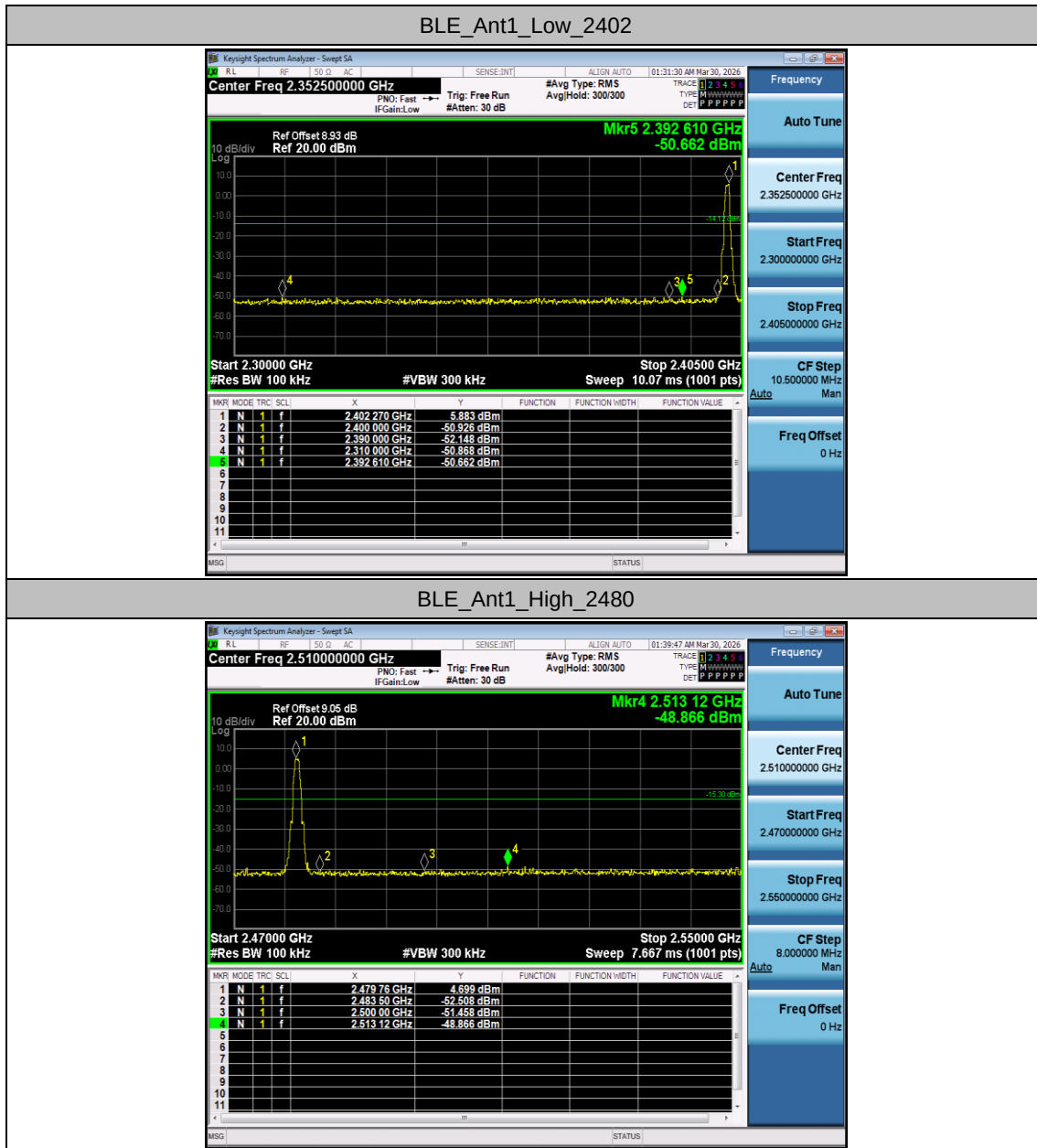


Appendix B.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	5.88	-50.66	≤-14.12	PASS
		High	2480	4.70	-48.87	≤-15.3	PASS

Test Graphs

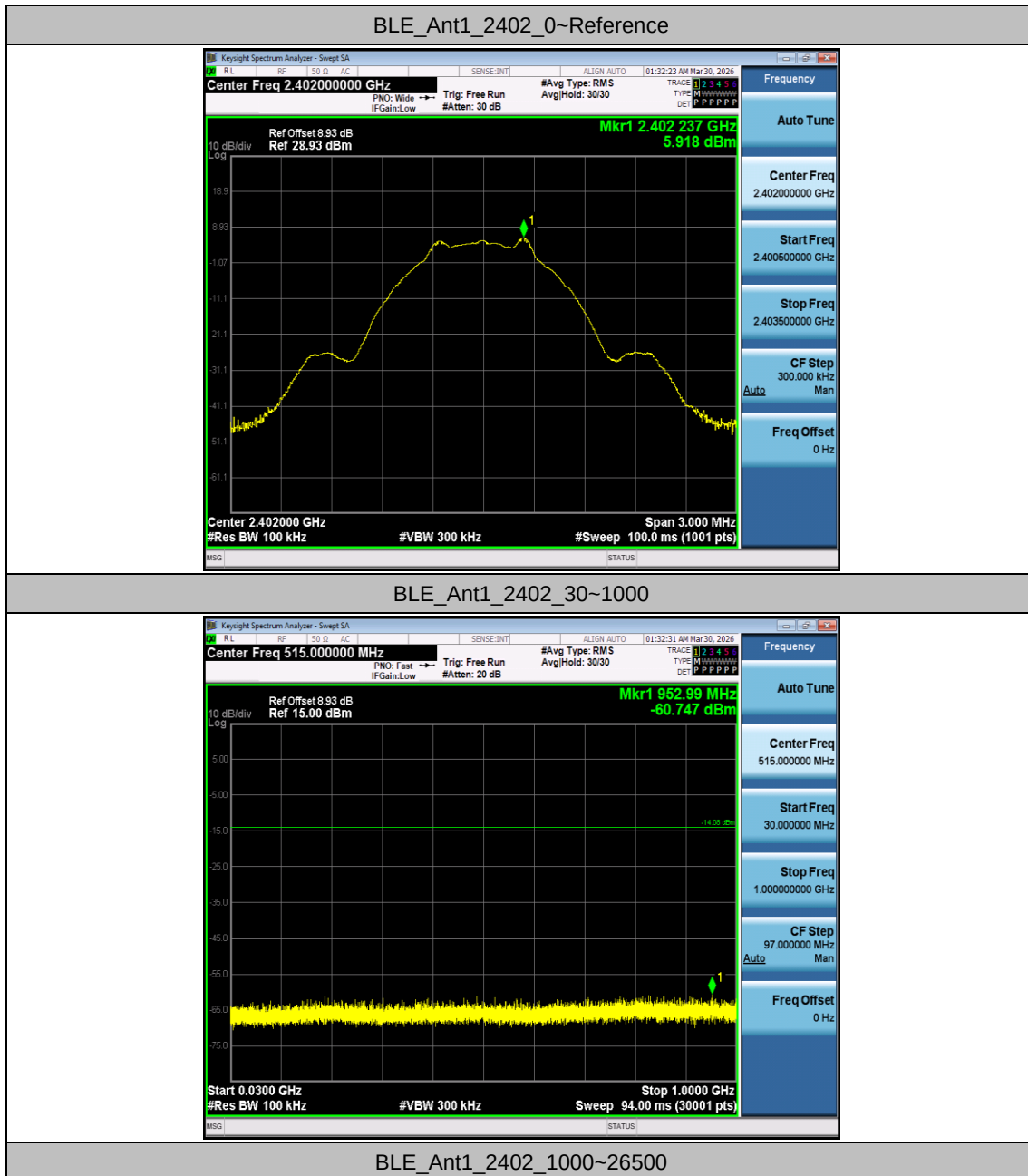


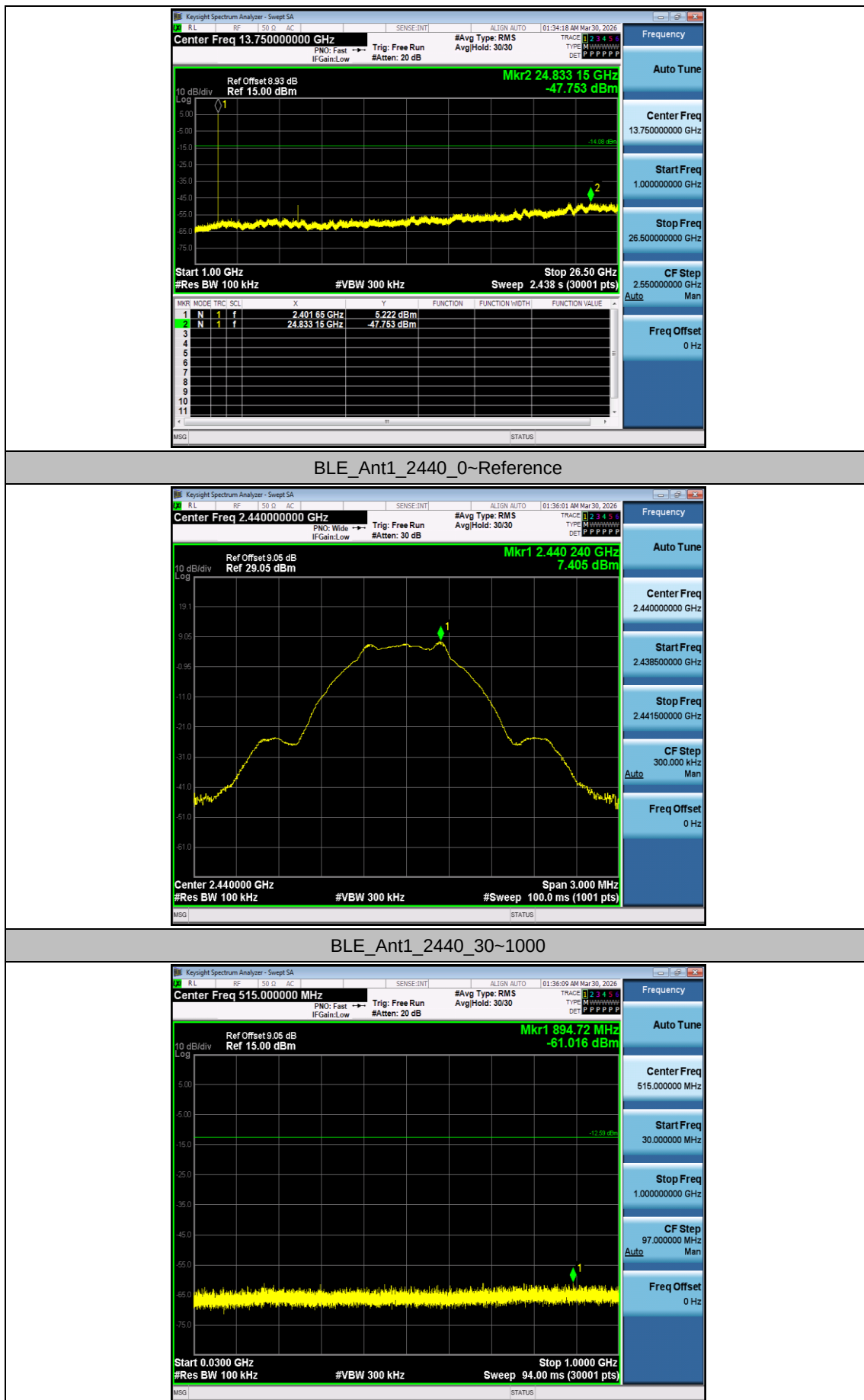
Appendix B.6:Conducted Spurious Emission

Test Result

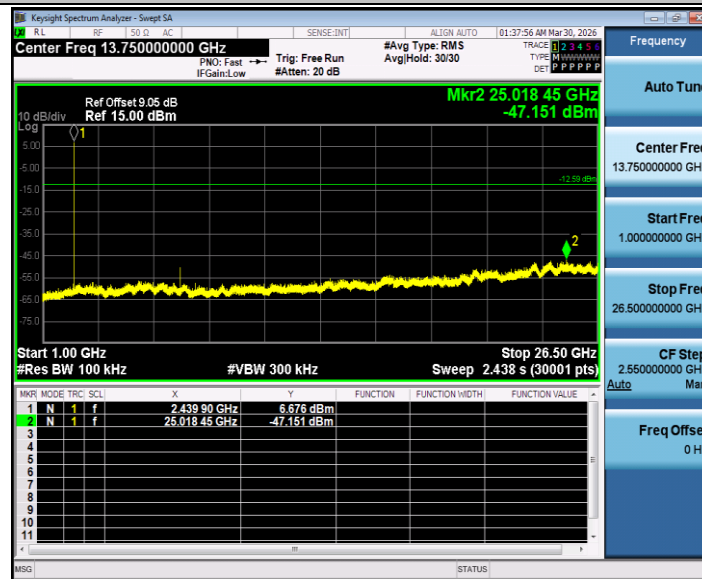
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	5.92	5.92	---	PASS
			30~1000	5.92	-60.75	≤-14.08	PASS
			1000~26500	5.92	-47.75	≤-14.08	PASS
		2440	Reference	7.41	7.41	---	PASS
			30~1000	7.41	-61.02	≤-12.59	PASS
			1000~26500	7.41	-47.15	≤-12.59	PASS
		2480	Reference	5.46	5.46	---	PASS
			30~1000	5.46	-60.56	≤-14.54	PASS
			1000~26500	5.46	-47.65	≤-14.54	PASS

Test Graphs





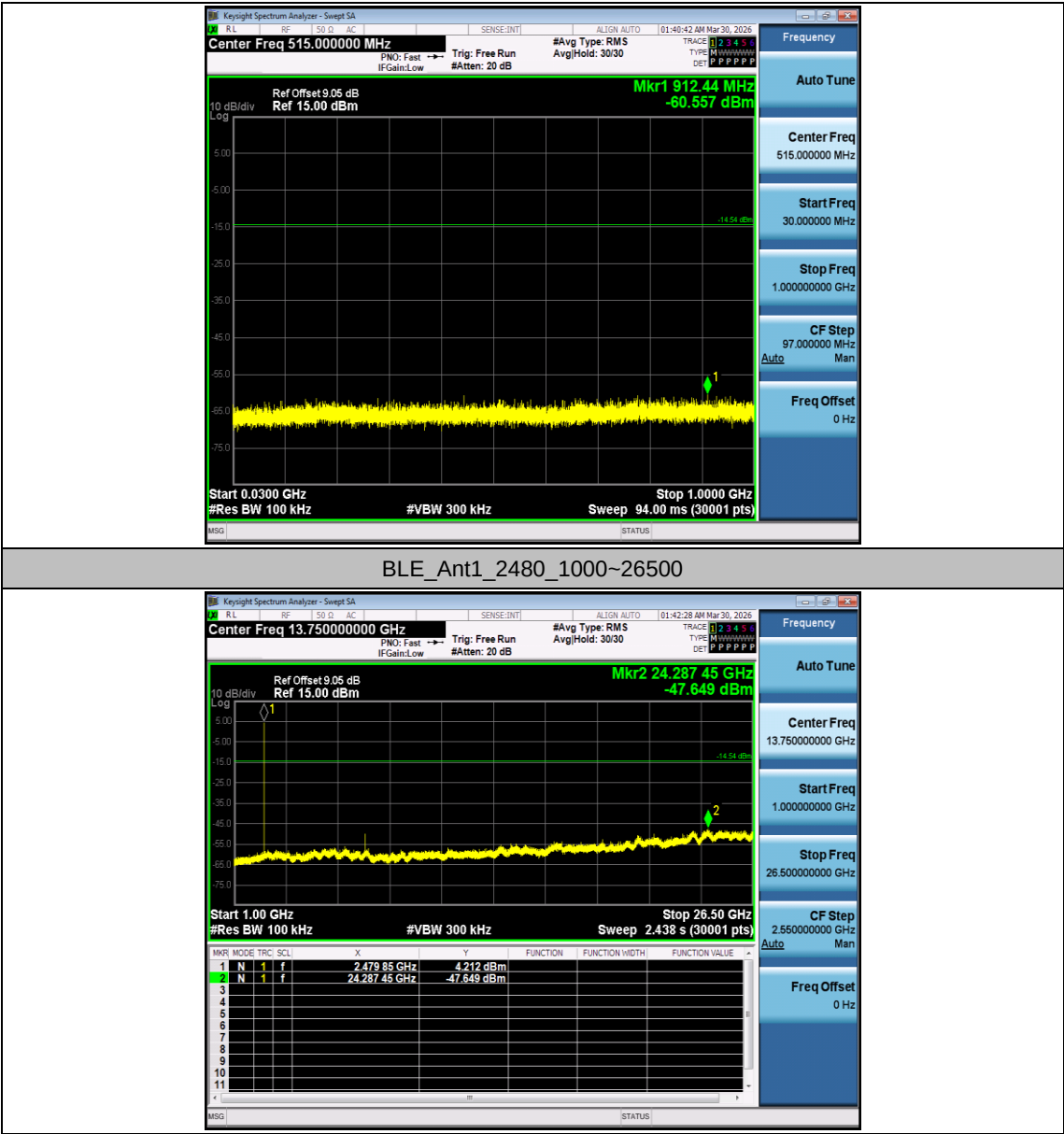
BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000



AppendixB.8: 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	2.13	2.50	0.8520	85.20	0.70	0.47
		2440	2.12	2.50	0.8480	84.80	0.72	0.47
		2480	2.12	2.49	0.8514	85.14	0.70	0.47

Test Graphs



