

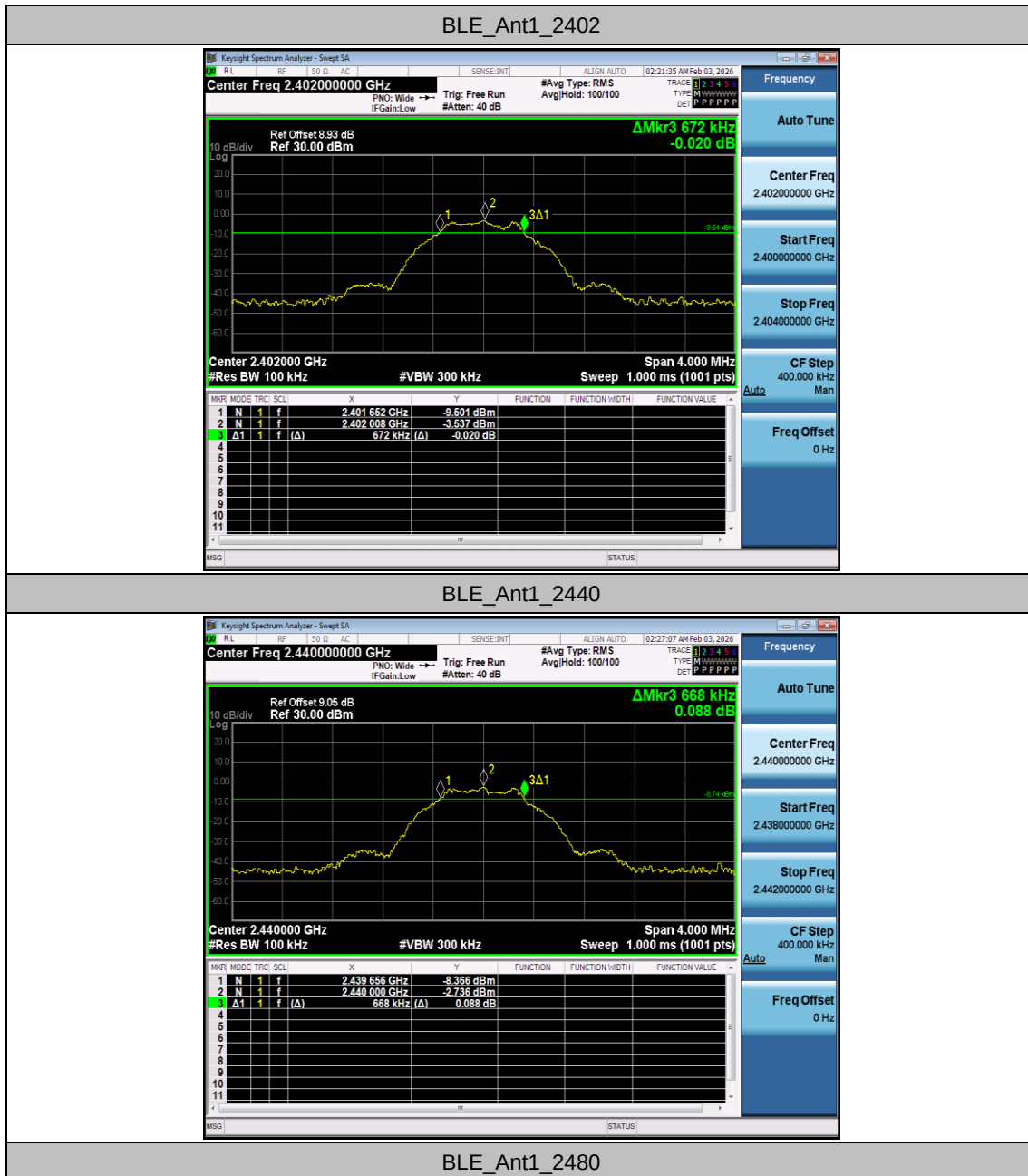
Case No. : <u>GTS20251018009-1-03</u>
Ambient Condition: <u>24</u> °C, <u>49</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.1.08-2026.3.19</u> Test Engineer: <u>Evan ouyang</u>

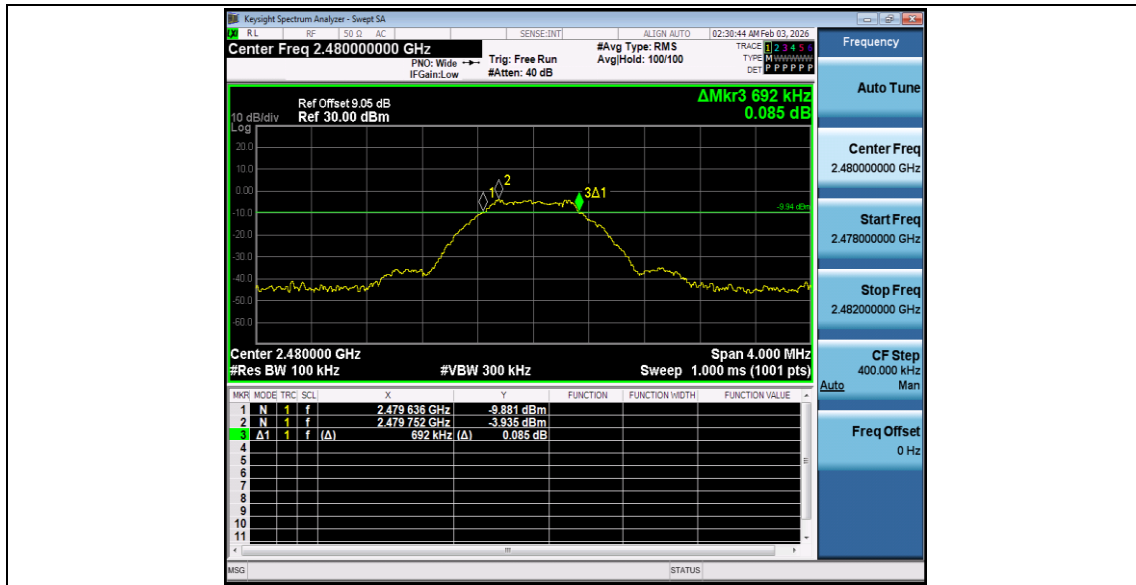
AppendixB.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.672	2401.652	2402.324	0.5	PASS
		2440	0.668	2439.656	2440.324	0.5	PASS
		2480	0.692	2479.636	2480.328	0.5	PASS

Test Graphs



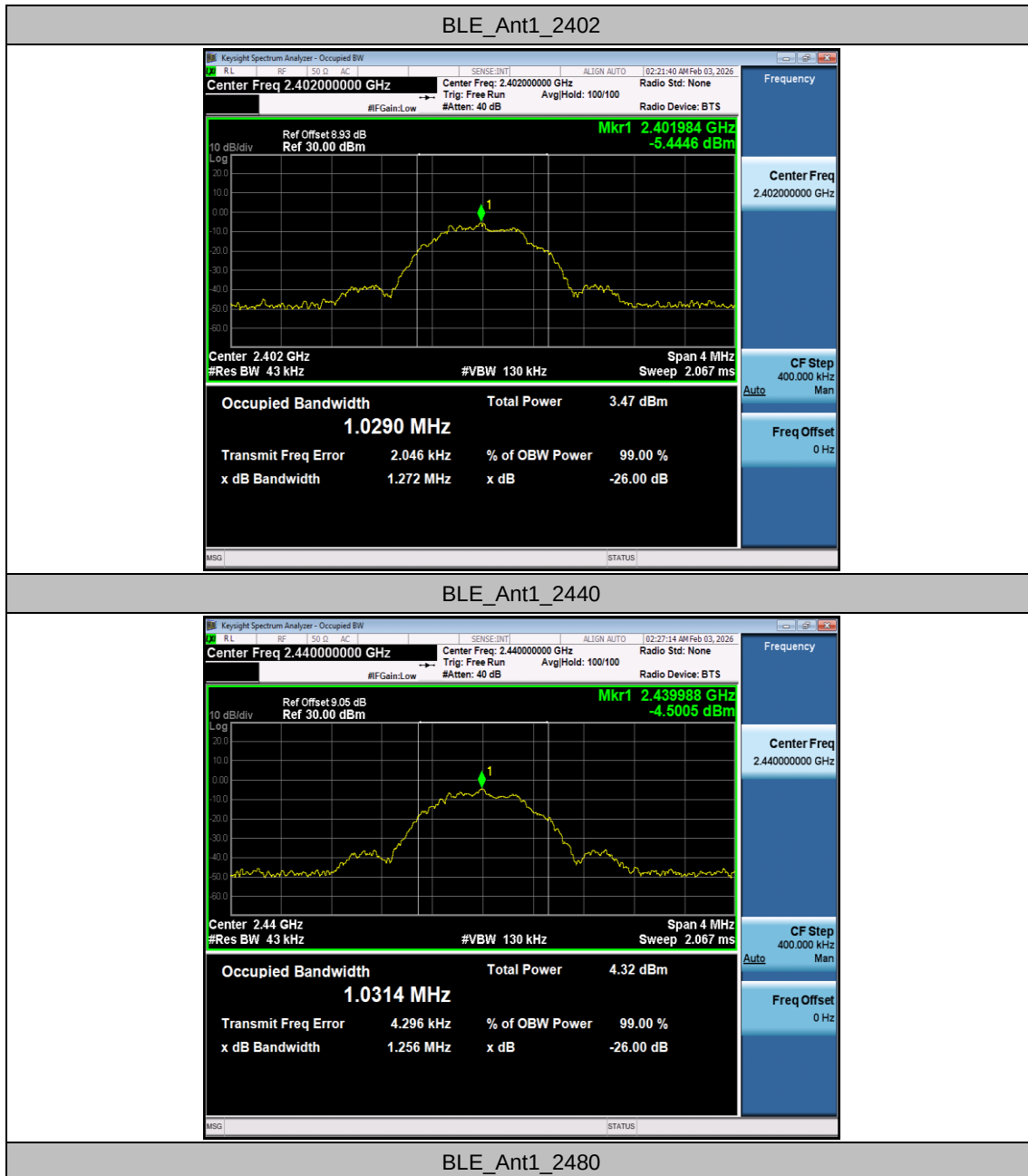


AppendixB.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0290	2401.4876	2402.5166	---	---
		2440	1.0314	2439.4886	2440.5200	---	---
		2480	1.0315	2479.4870	2480.5185	---	---

Test Graphs





AppendixB.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	-2.73	≤30	PASS
		2440	-2.07	≤30	PASS
		2480	-2.67	≤30	PASS

AppendixB.4: Maximum power spectral density

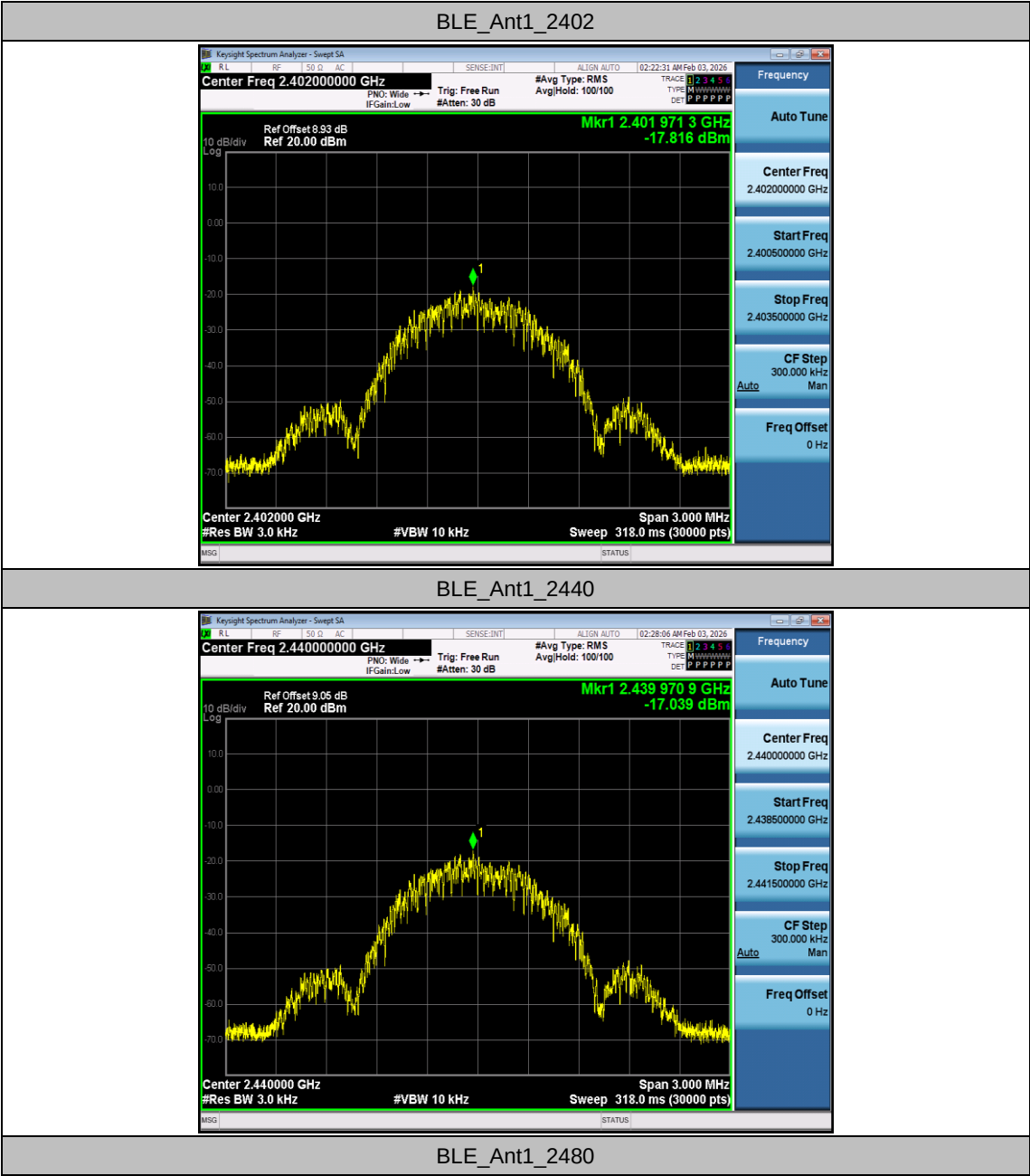
Test Result

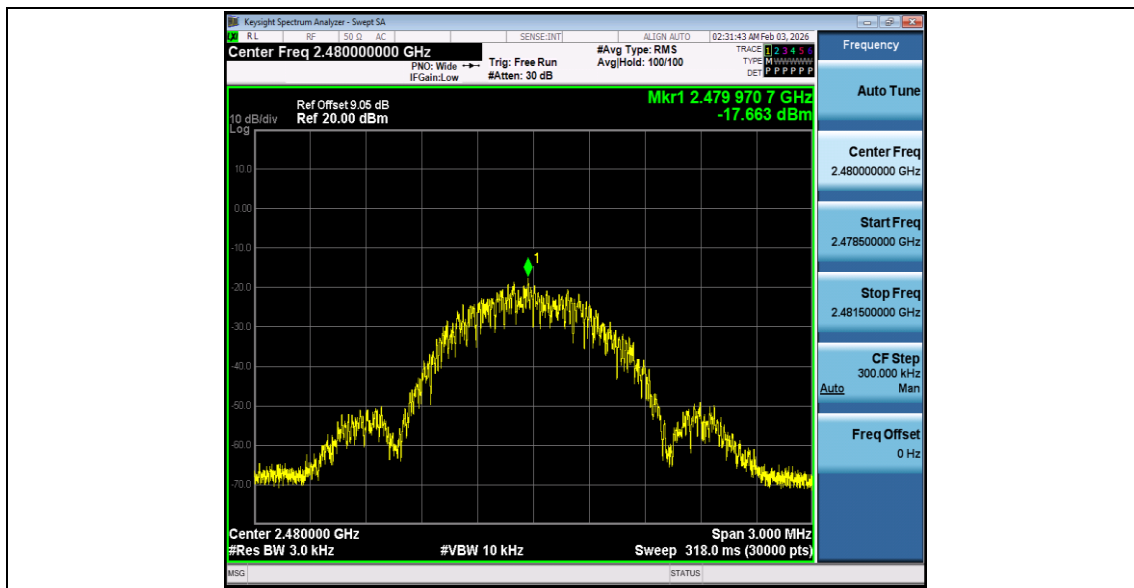
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-17.82	≤8.00	PASS
		2440	-17.04	≤8.00	PASS
		2480	-17.66	≤8.00	PASS

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs



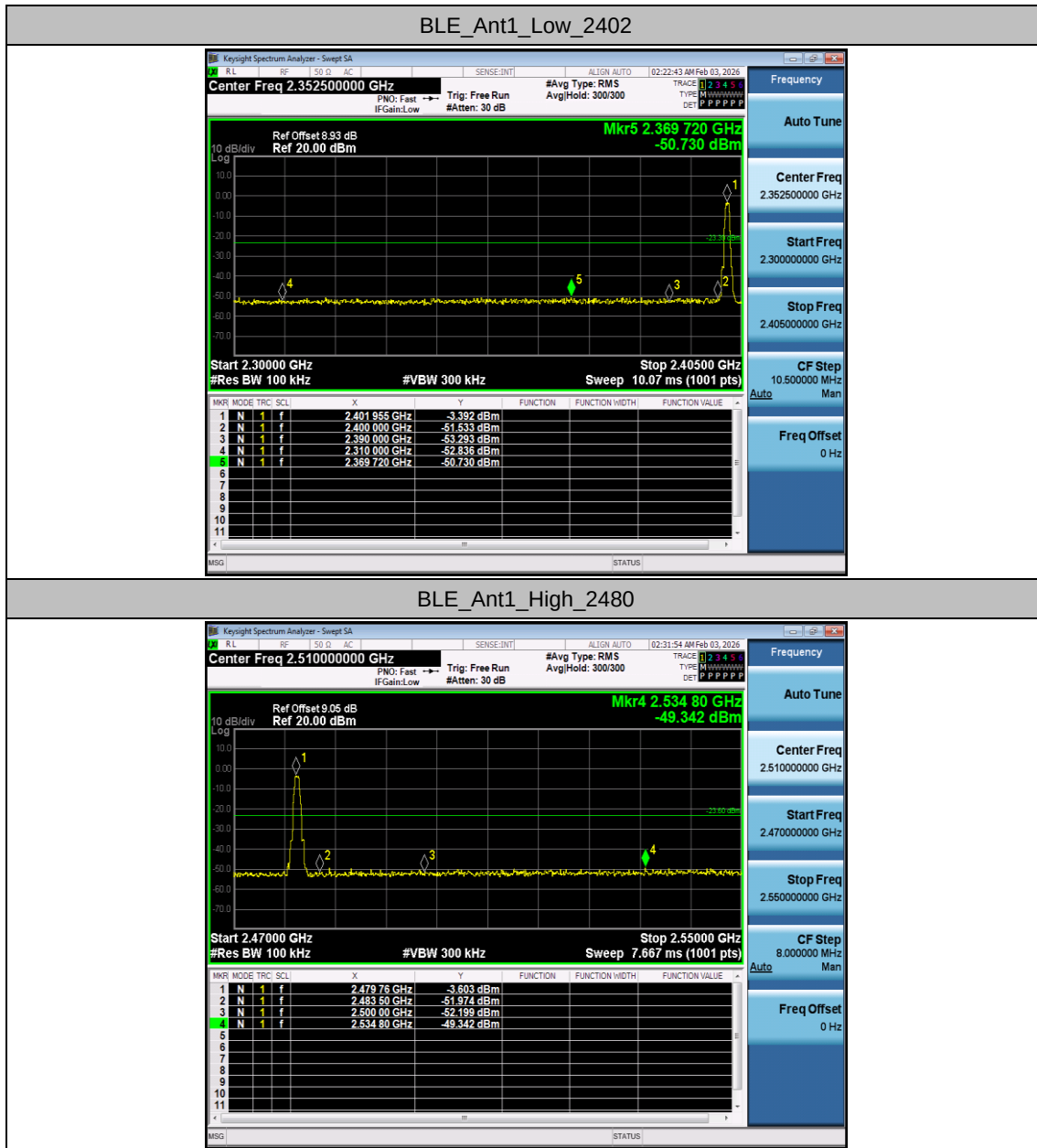


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	-3.39	-50.73	≤ -23.39	PASS
		High	2480	-3.60	-49.34	≤ -23.6	PASS

Test Graphs

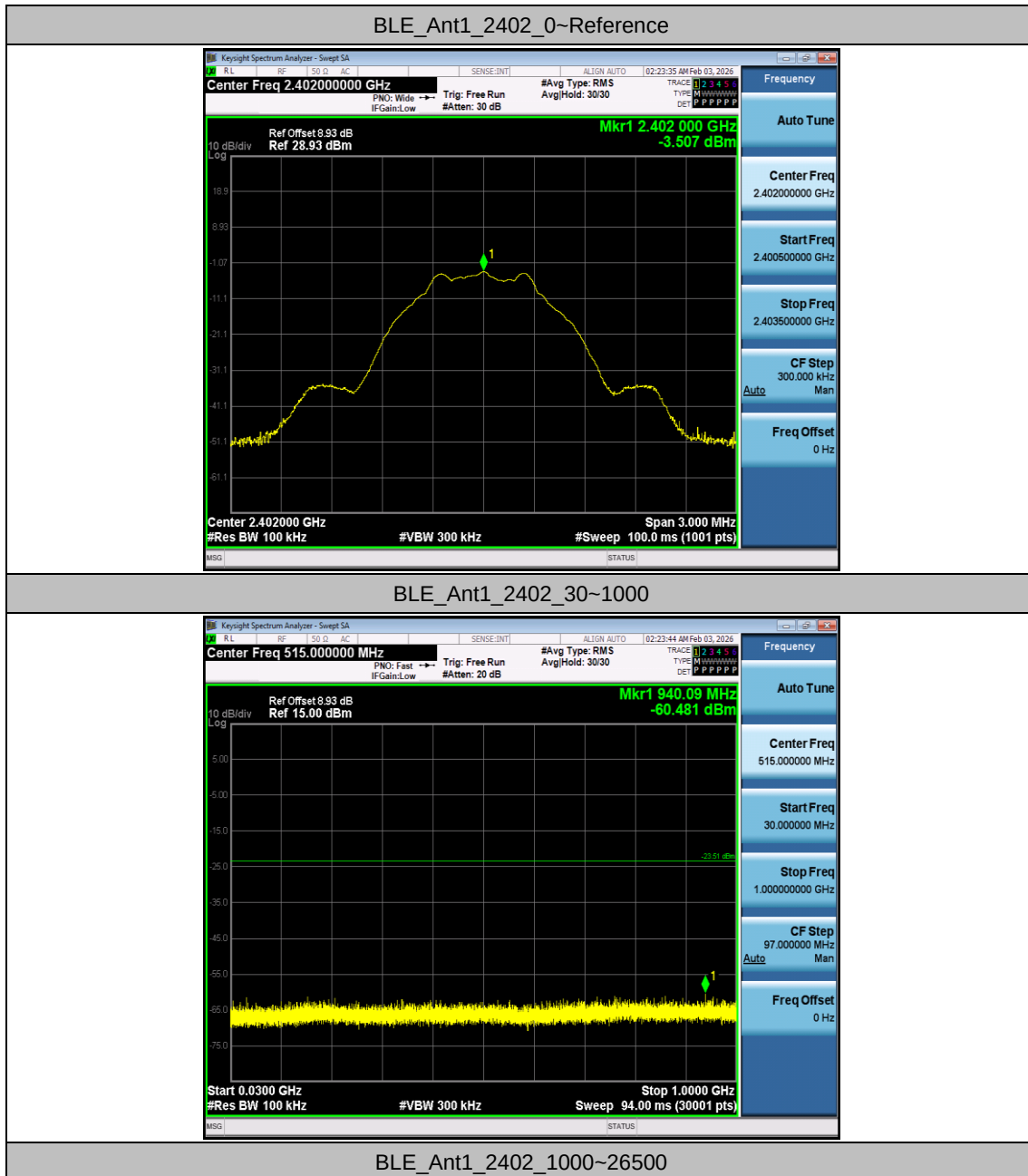


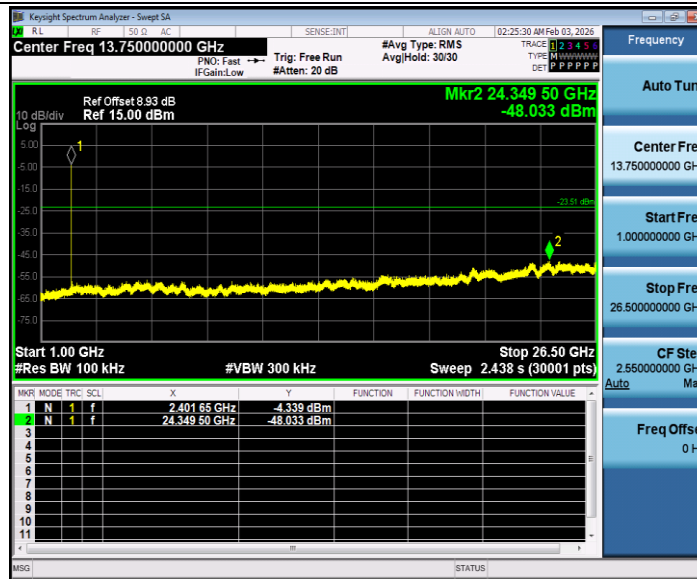
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	-3.51	-3.51	---	PASS
			30~1000	-3.51	-60.48	≤ -23.51	PASS
			1000~26500	-3.51	-48.03	≤ -23.51	PASS
		2440	Reference	-2.79	-2.79	---	PASS
			30~1000	-2.79	-60.23	≤ -22.79	PASS
			1000~26500	-2.79	-47.86	≤ -22.79	PASS
		2480	Reference	-3.36	-3.36	---	PASS
			30~1000	-3.36	-60.87	≤ -23.36	PASS
			1000~26500	-3.36	-46.45	≤ -23.36	PASS

Test Graphs

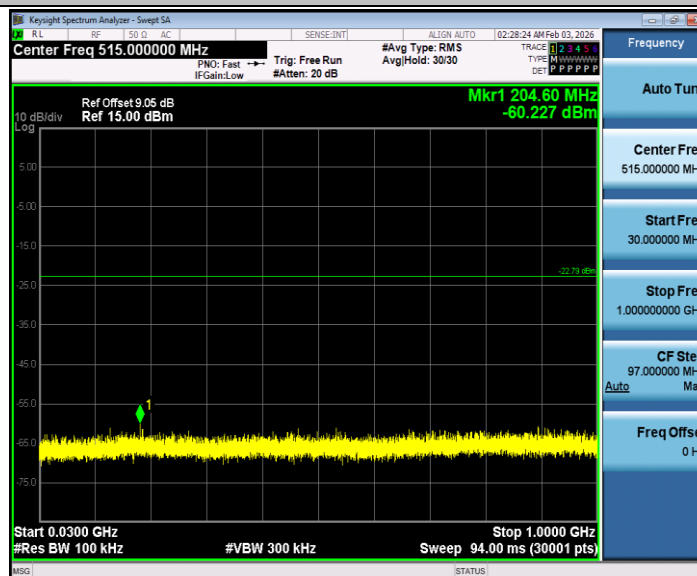


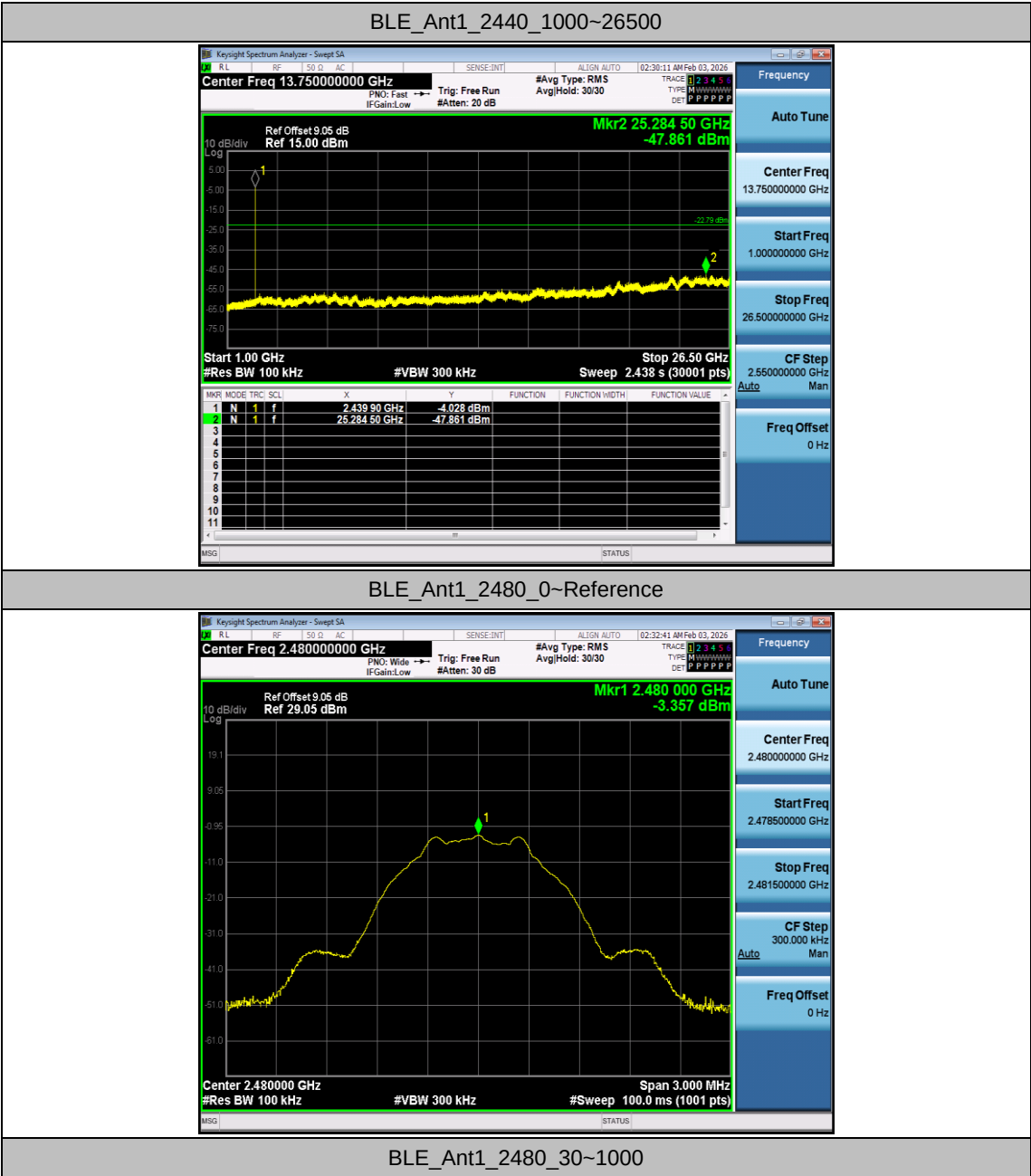


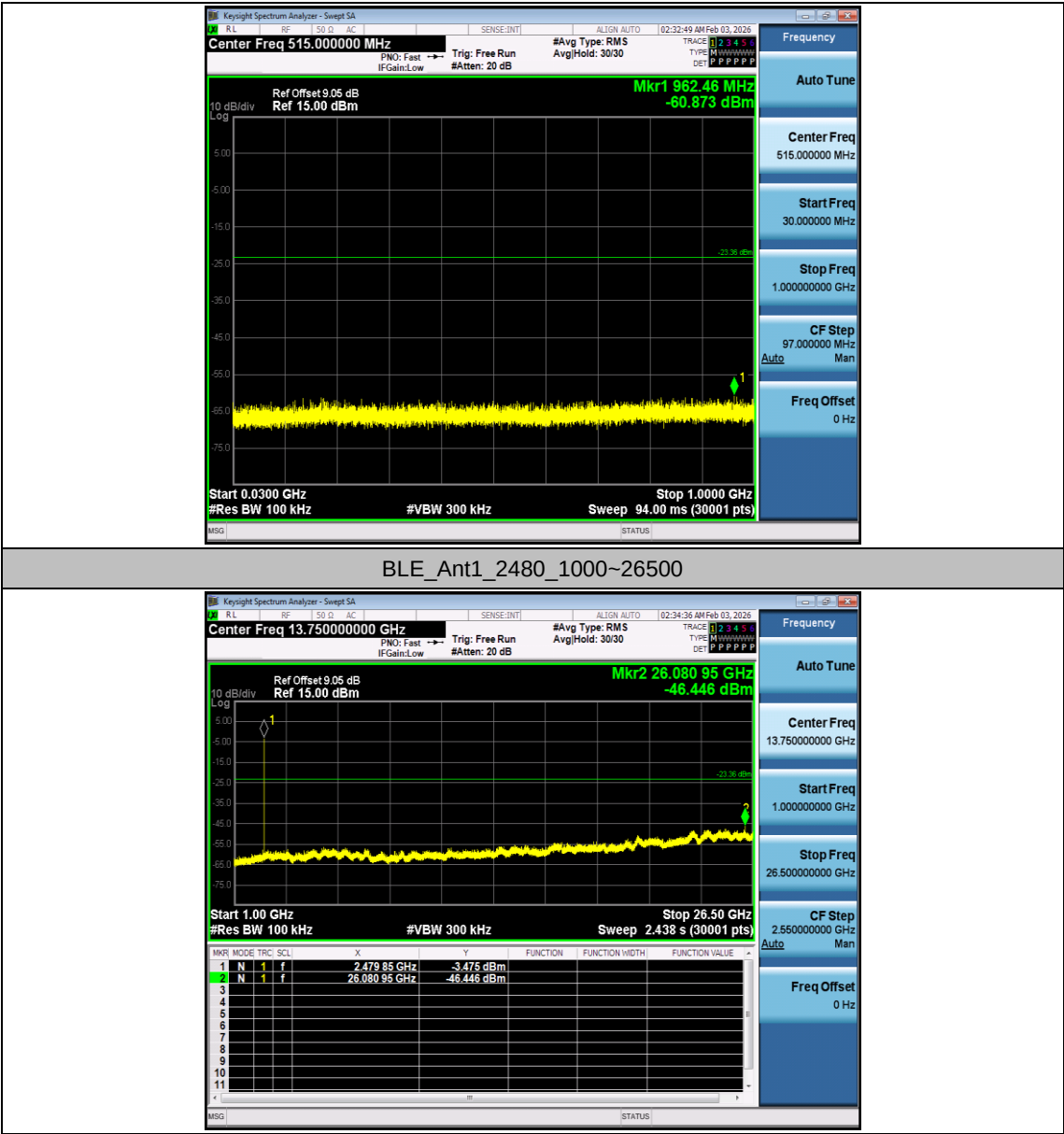
BLE_Ant1_2440_0~Reference



BLE_Ant1_2440_30~1000







AppendixB.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	0.62	0.6290	62.90	2.01	2.56

Test Graphs

