

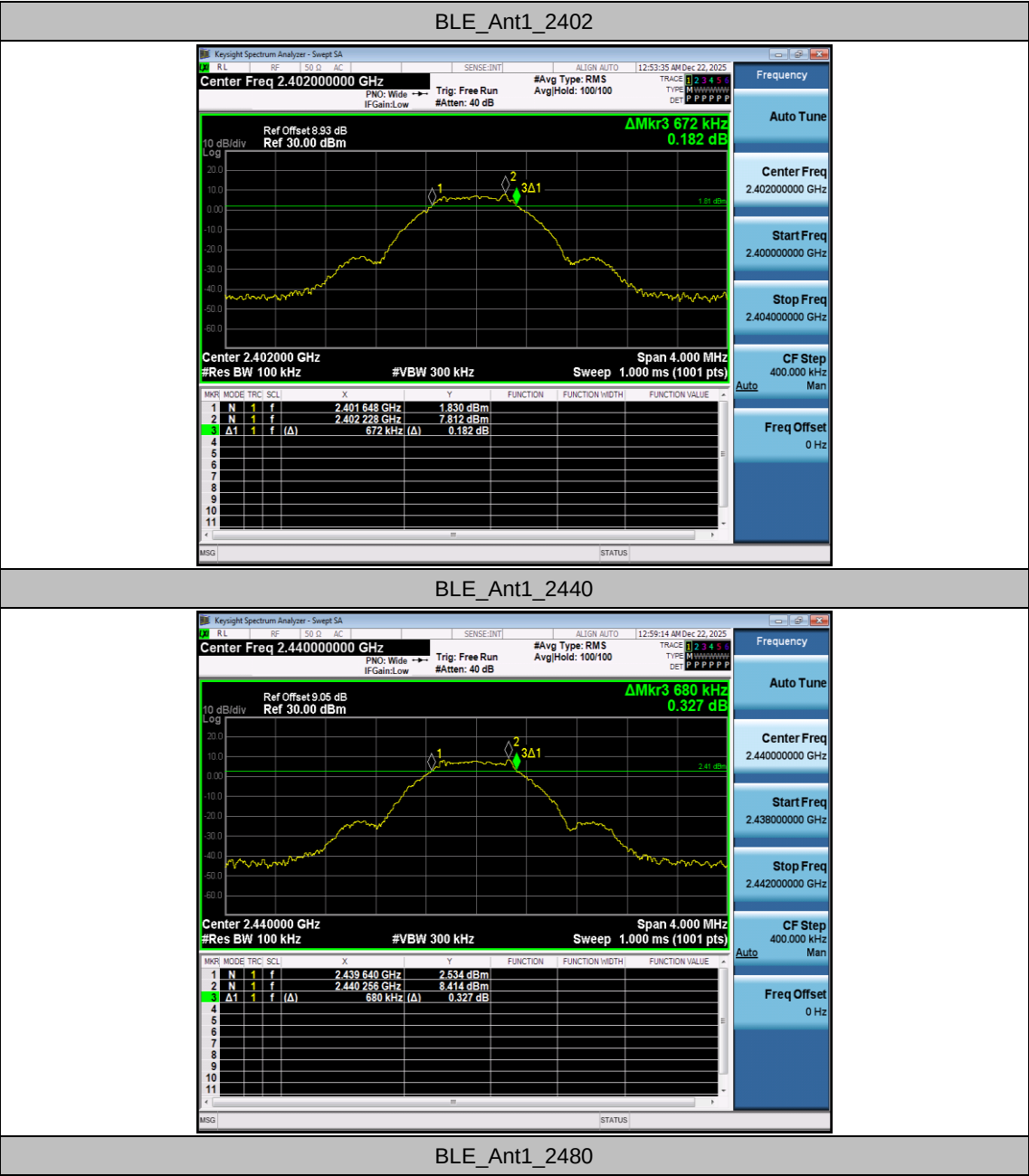
Case No. : <u>GTS20251122004-3-11</u>
Ambient Condition: <u>22</u> °C, <u>47</u> %RH
According Standard: ■Part15C
Test Date: <u>2025.12.15-2026.04.02</u> Test Engineer: <u>Evan ouyang</u>

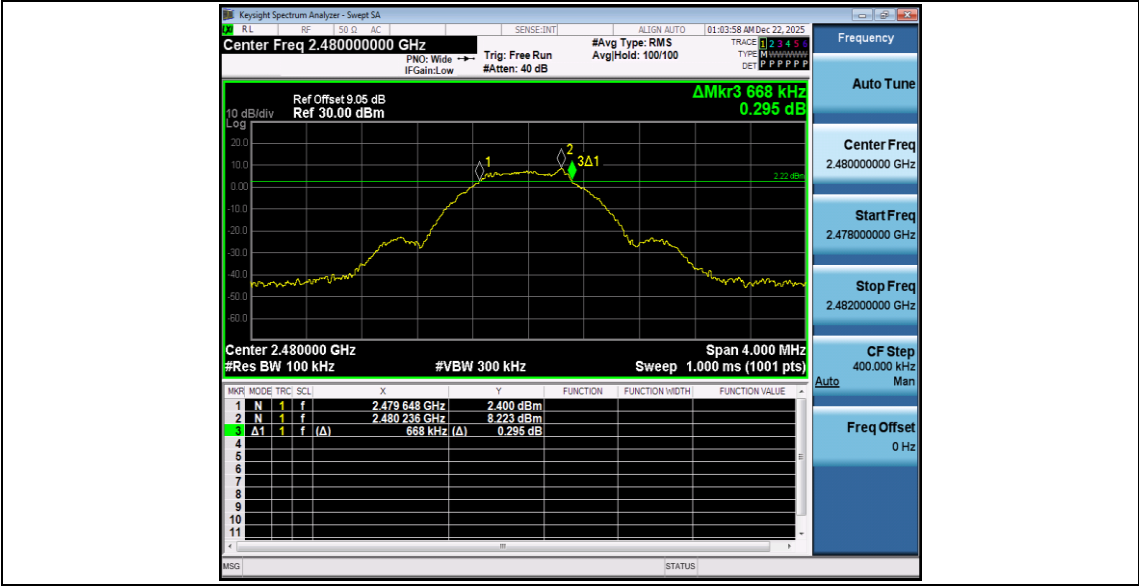
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.672	2401.648	2402.320	0.5	PASS
		2440	0.680	2439.640	2440.320	0.5	PASS
		2480	0.668	2479.648	2480.316	0.5	PASS

Test Graphs



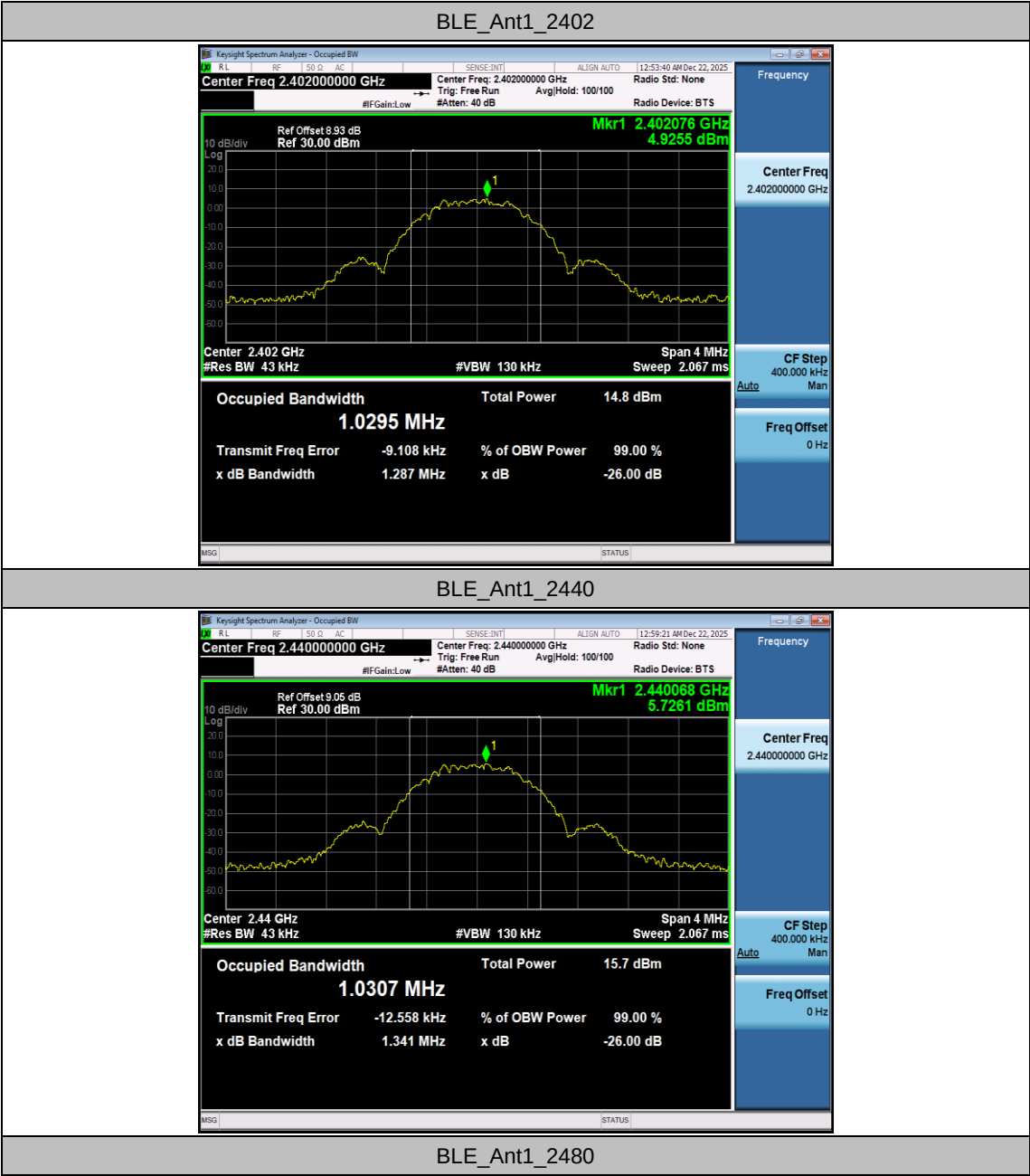


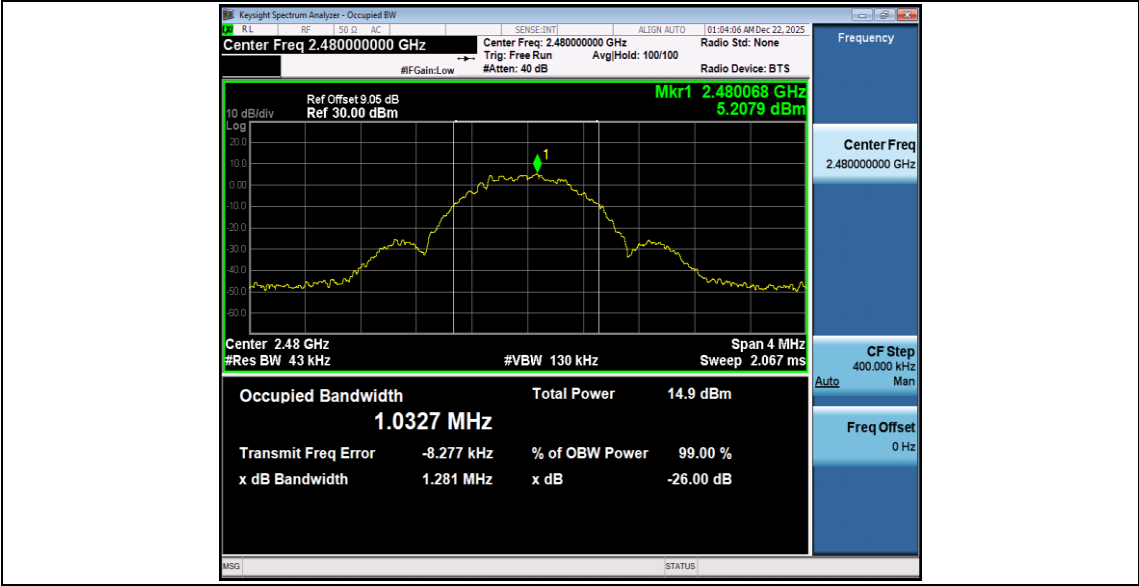
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0295	2401.4761	2402.5056	---	---
		2440	1.0307	2439.4721	2440.5028	---	---
		2480	1.0327	2479.4754	2480.5081	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

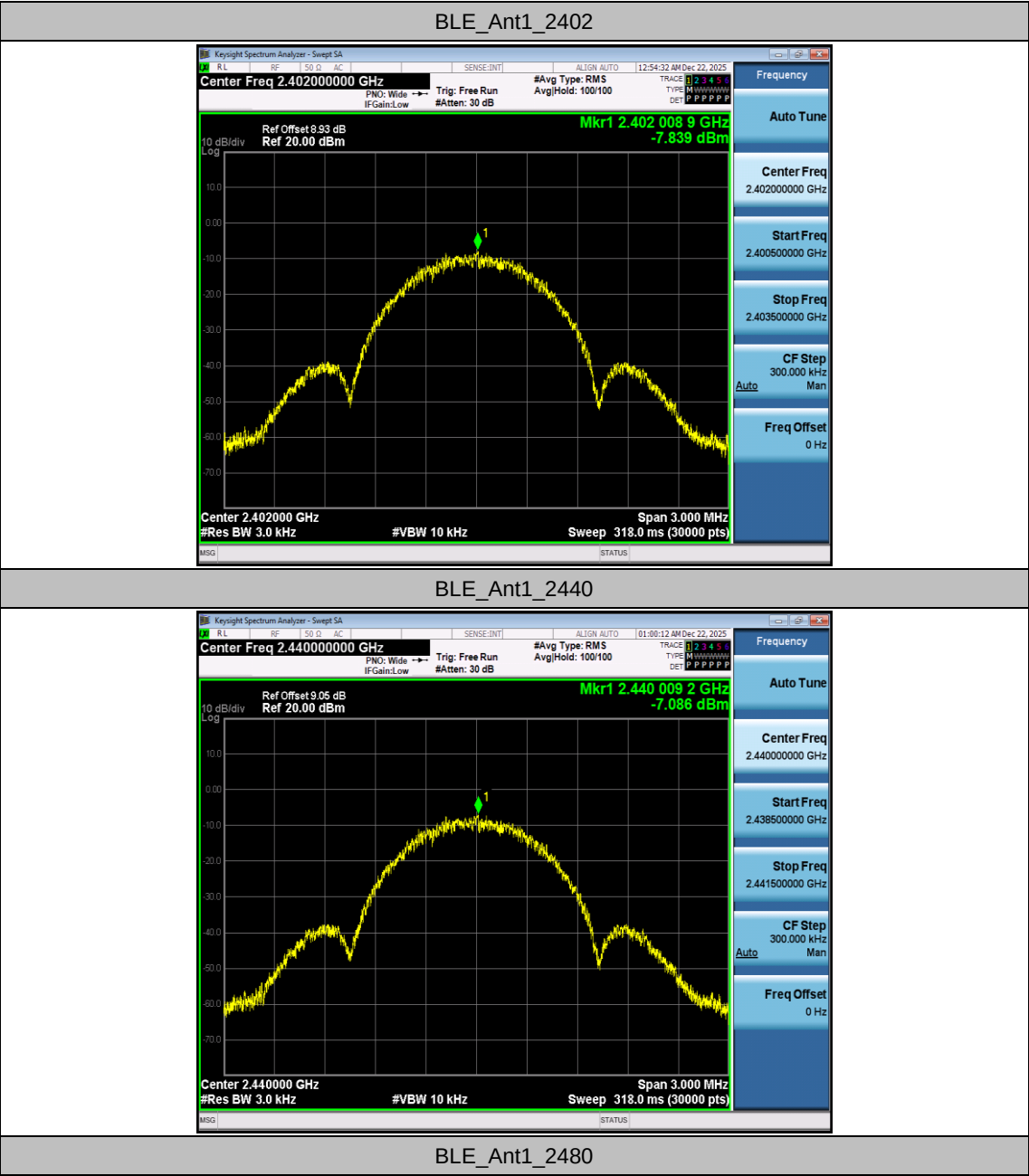
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	9.24	≤30	PASS
		2440	10.15	≤30	PASS
		2480	9.53	≤30	PASS

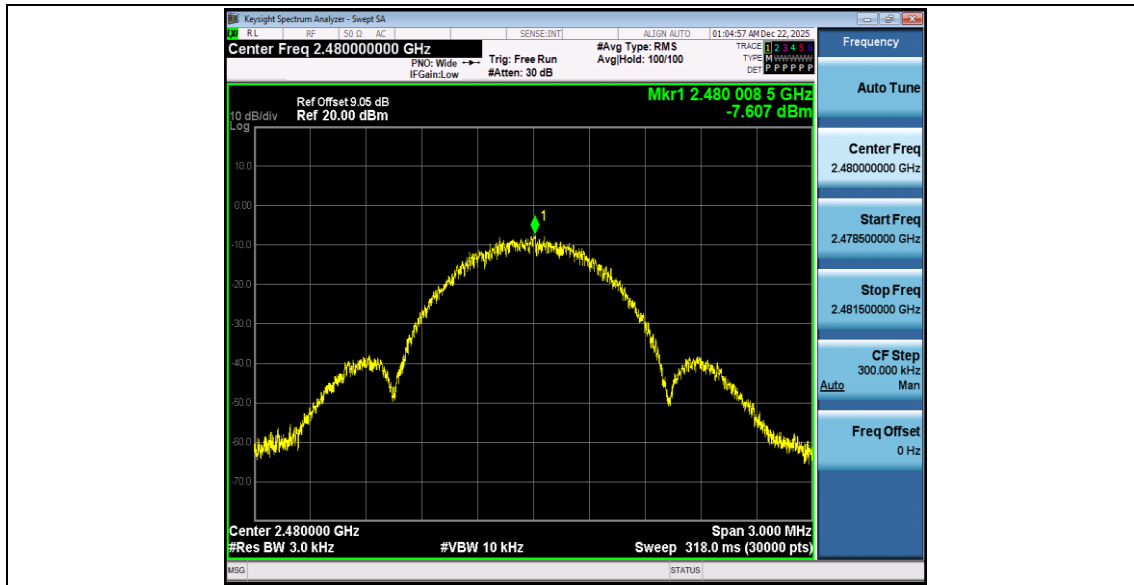
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-7.84	≤8.00	PASS
		2440	-7.09	≤8.00	PASS
		2480	-7.61	≤8.00	PASS

Test Graphs



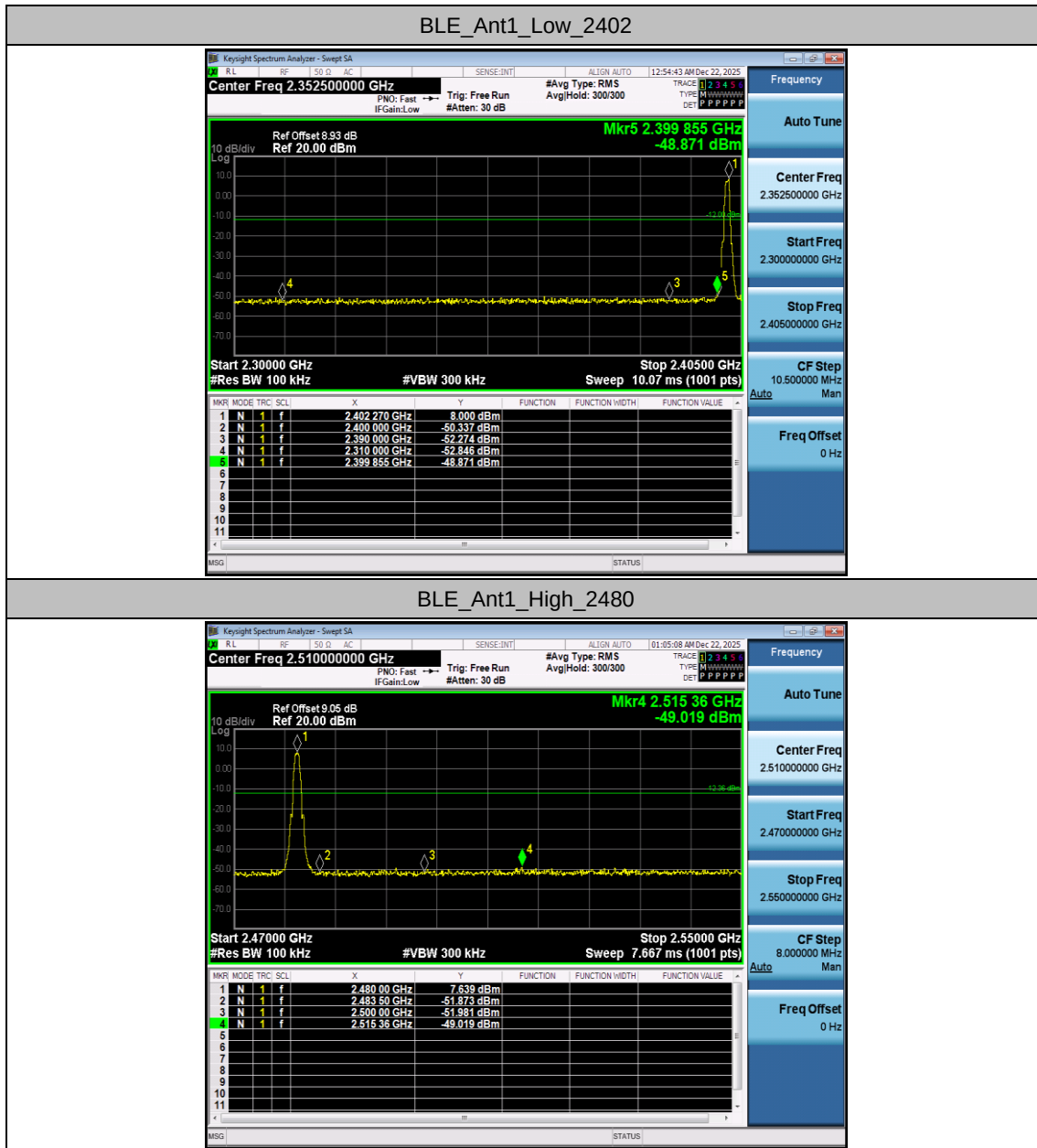


Appendix B.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	8.00	-48.87	≤-12	PASS
		High	2480	7.64	-49.02	≤-12.36	PASS

Test Graphs

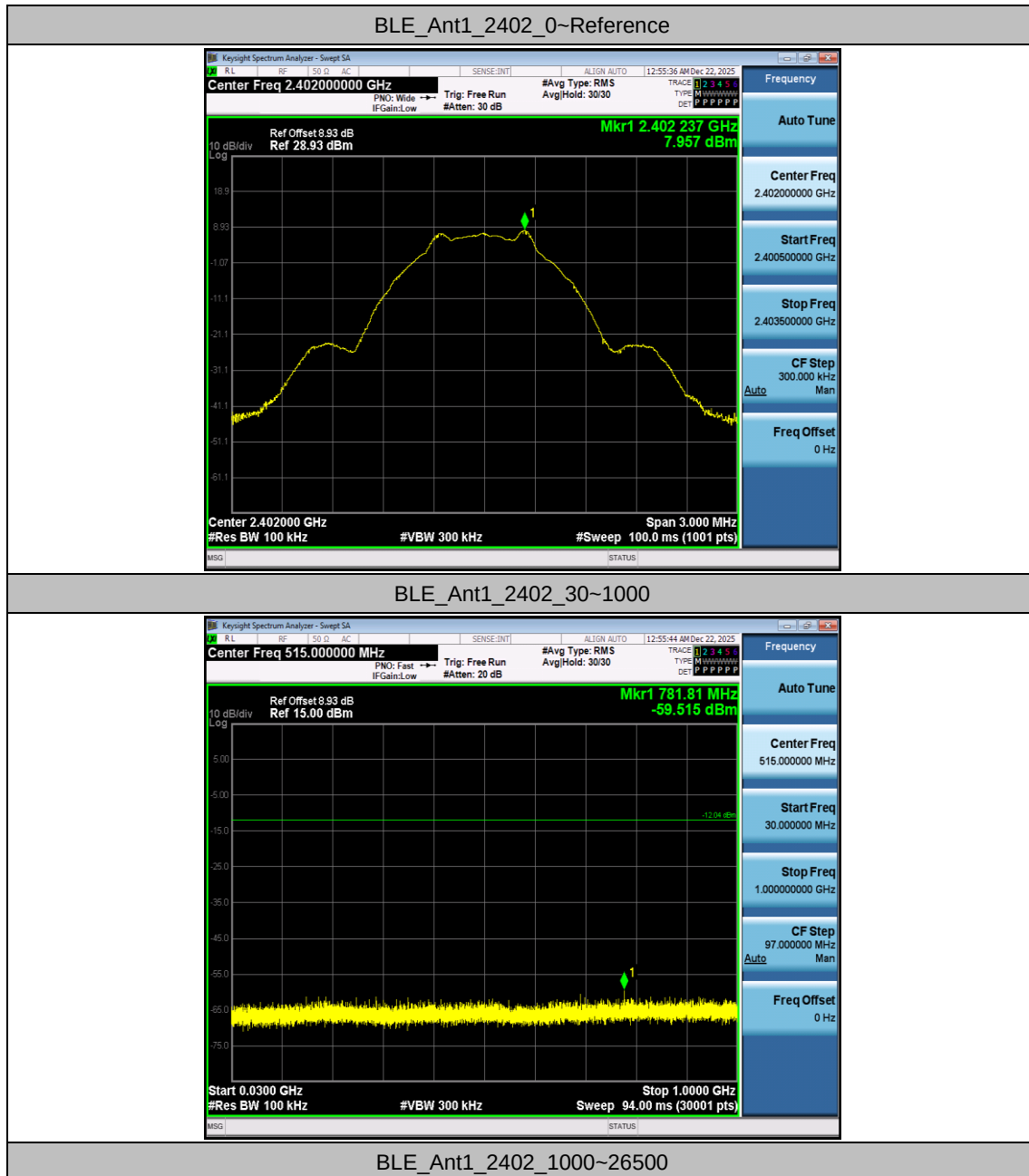


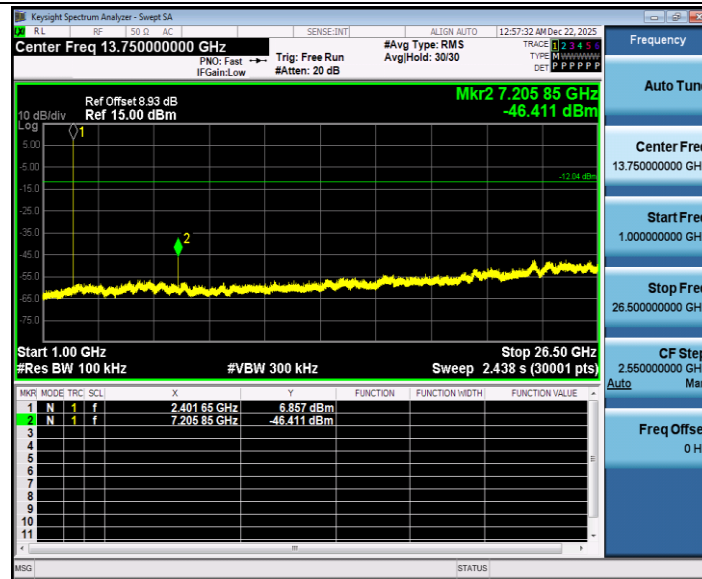
Appendix B.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	7.96	7.96	---	PASS
			30~1000	7.96	-59.52	≤ -12.04	PASS
			1000~26500	7.96	-46.41	≤ -12.04	PASS
		2440	Reference	8.84	8.84	---	PASS
			30~1000	8.84	-60.2	≤ -11.16	PASS
			1000~26500	8.84	-47.27	≤ -11.16	PASS
		2480	Reference	8.27	8.27	---	PASS
			30~1000	8.27	-60.08	≤ -11.73	PASS
			1000~26500	8.27	-47.45	≤ -11.73	PASS

Test Graphs

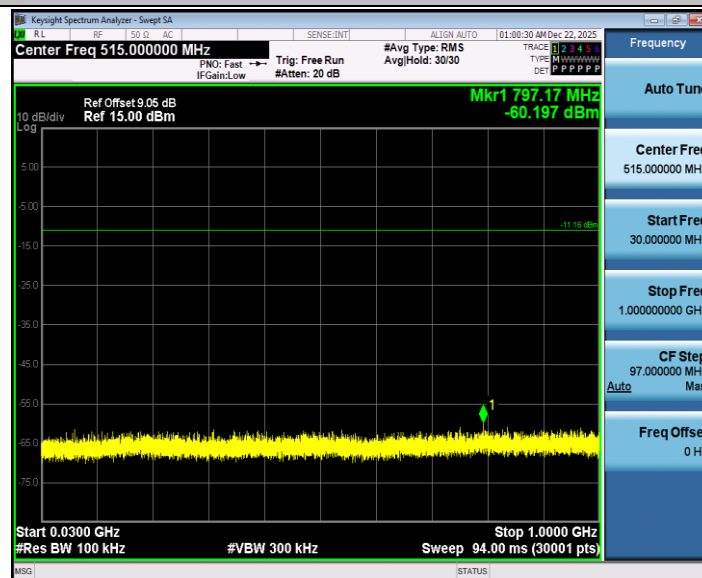


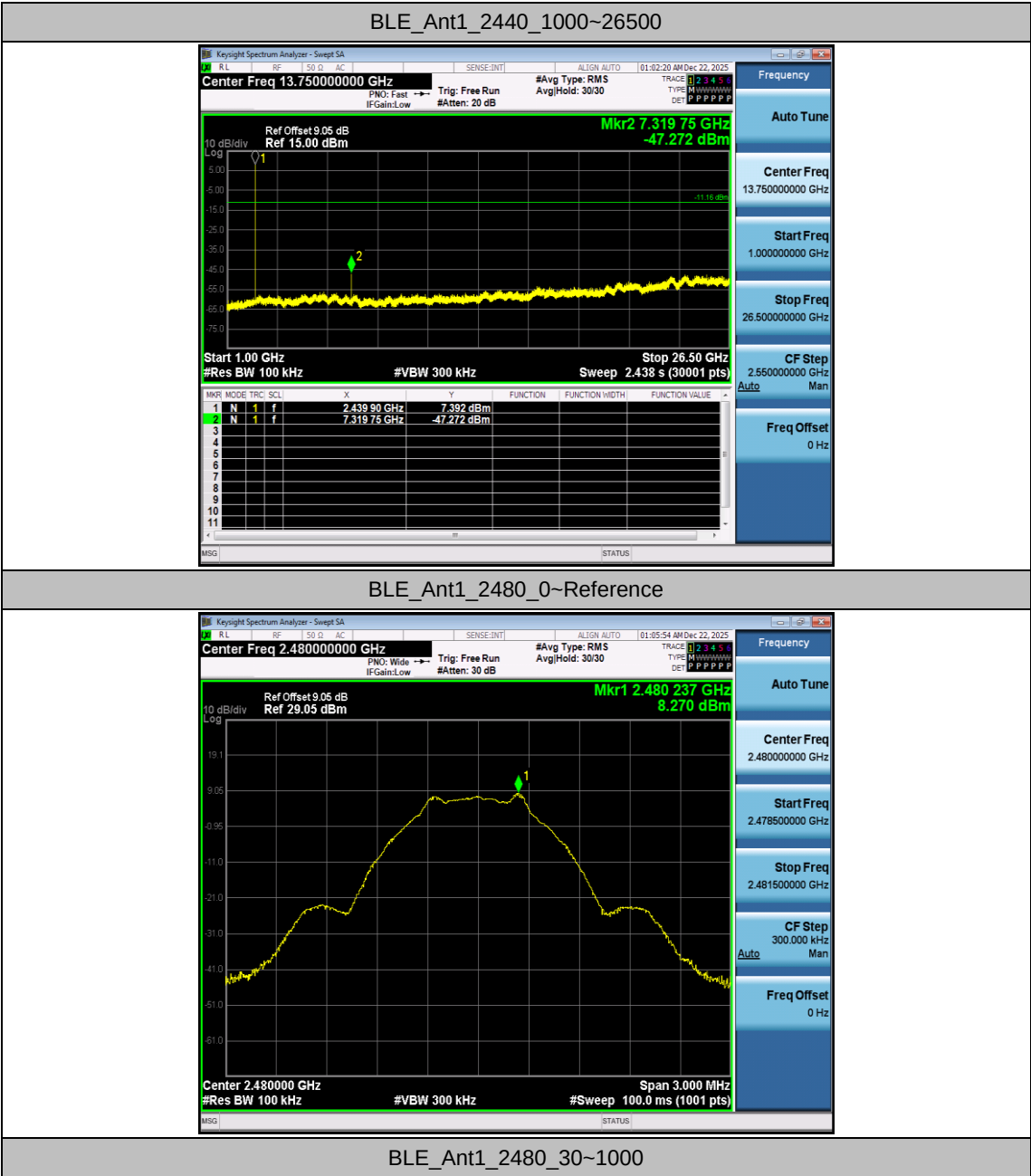


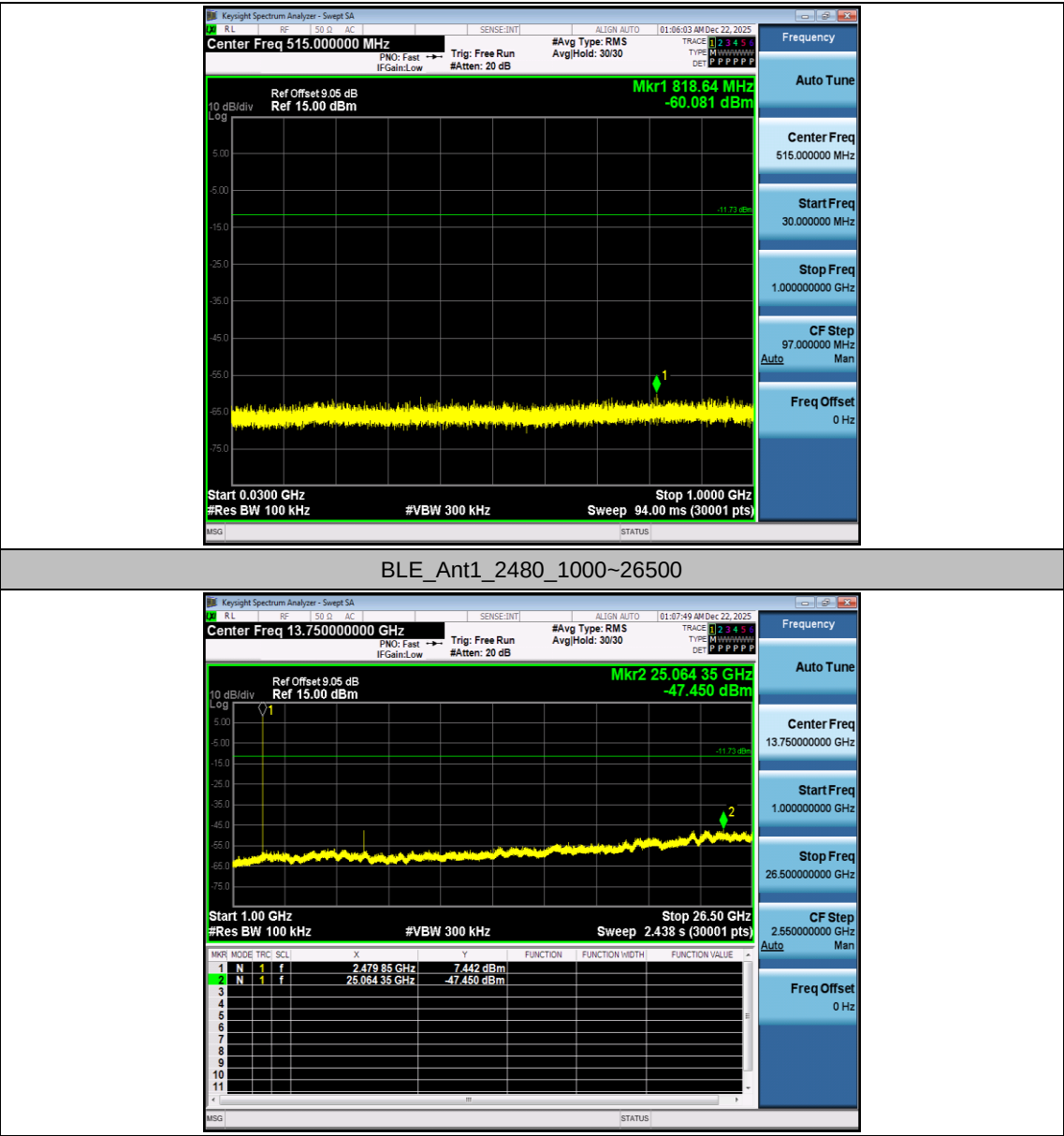
BLE_Ant1_2440_0~Reference



BLE_Ant1_2440_30~1000





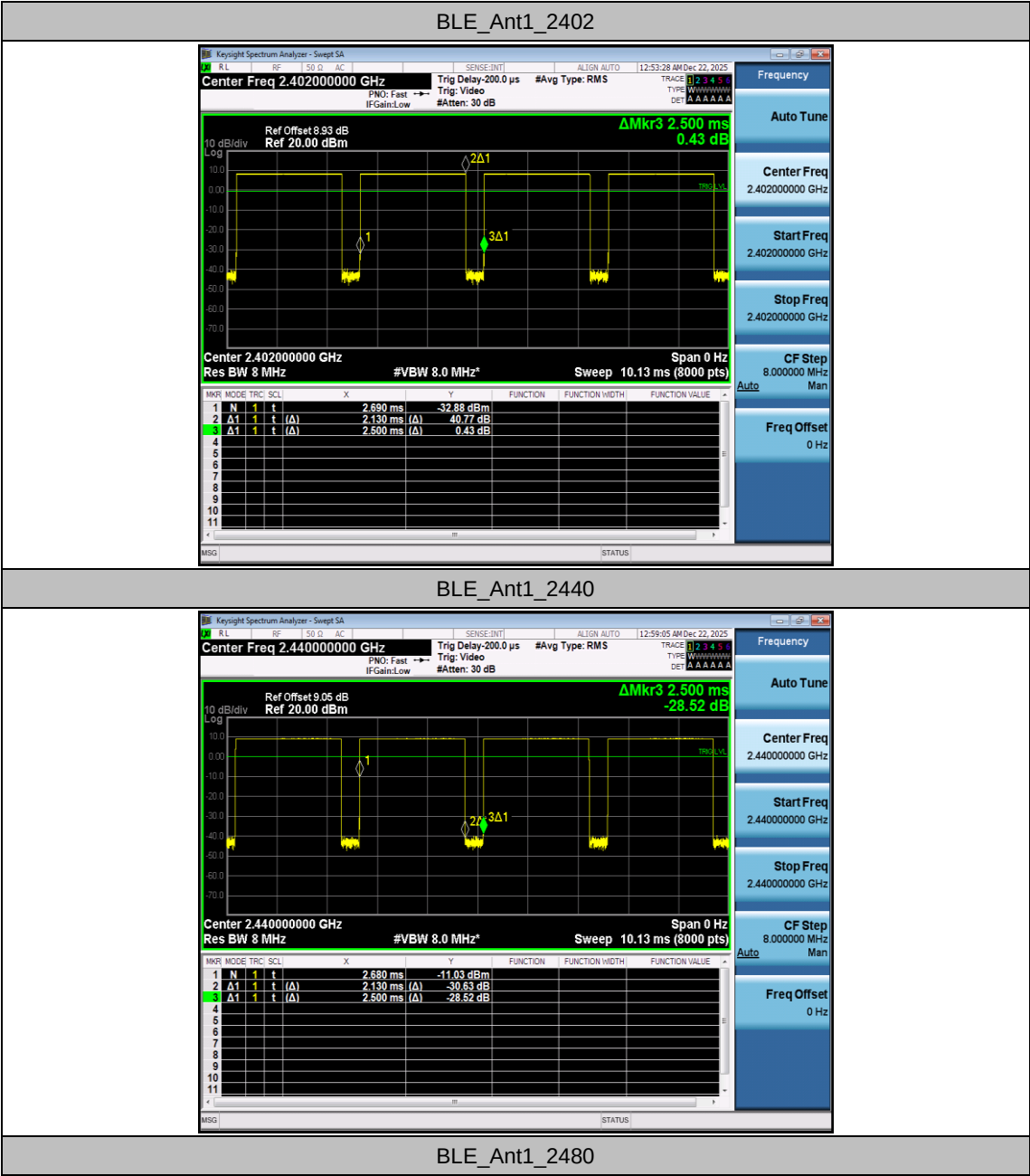


AppendixB.7: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
BLE	Ant1	2402	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	2.13	2.50	0.8520	85.20	0.70	0.47

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

