

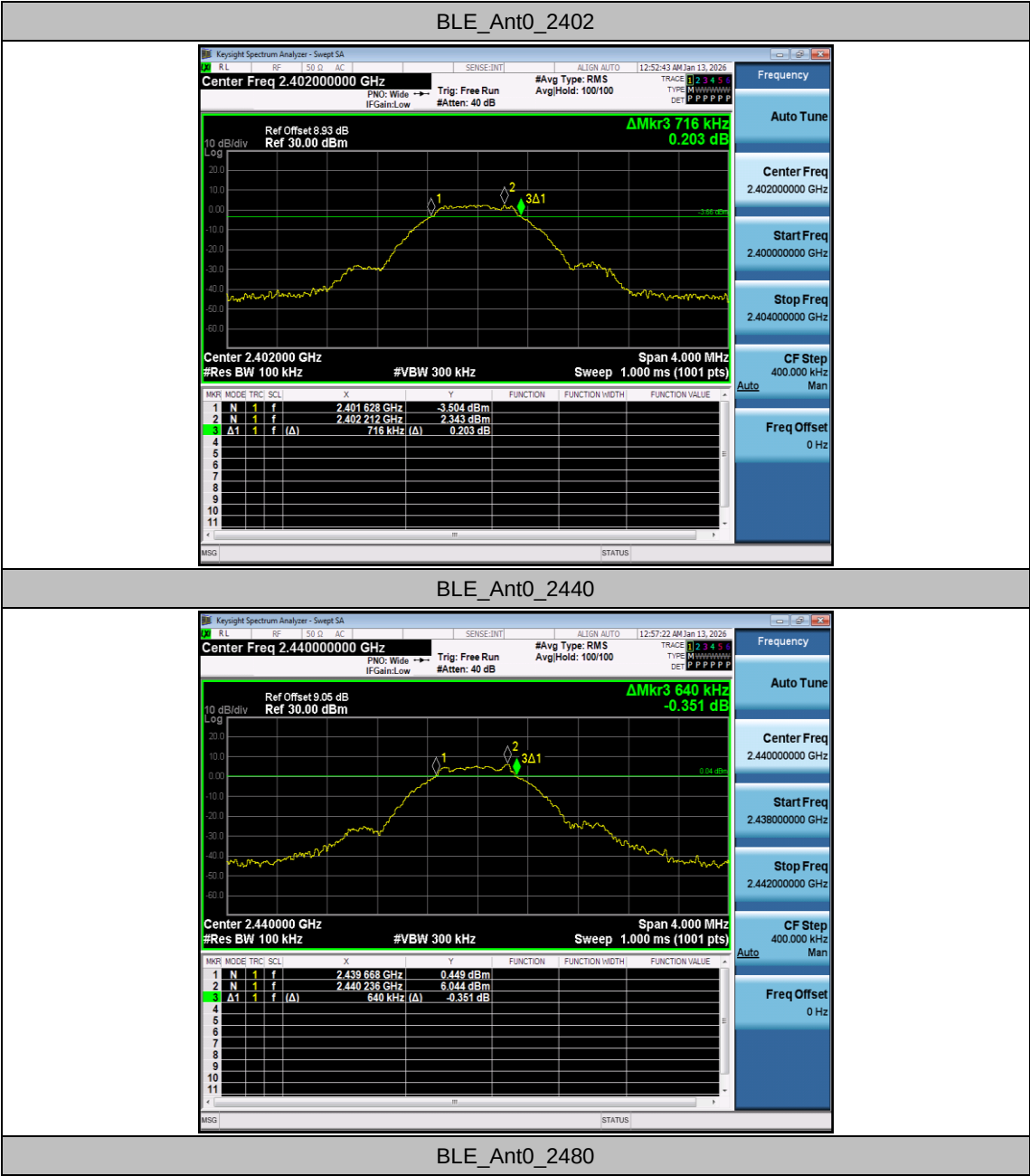
Case No. : <u>GTS20251117009-1-10</u>
Ambient Condition: <u>21</u> °C, <u>50</u> %RH
According Standard: ■Part15C
Test Date: <u>2025.11.26-2026.2.4</u> Test Engineer: <u>Evan ouyang</u>

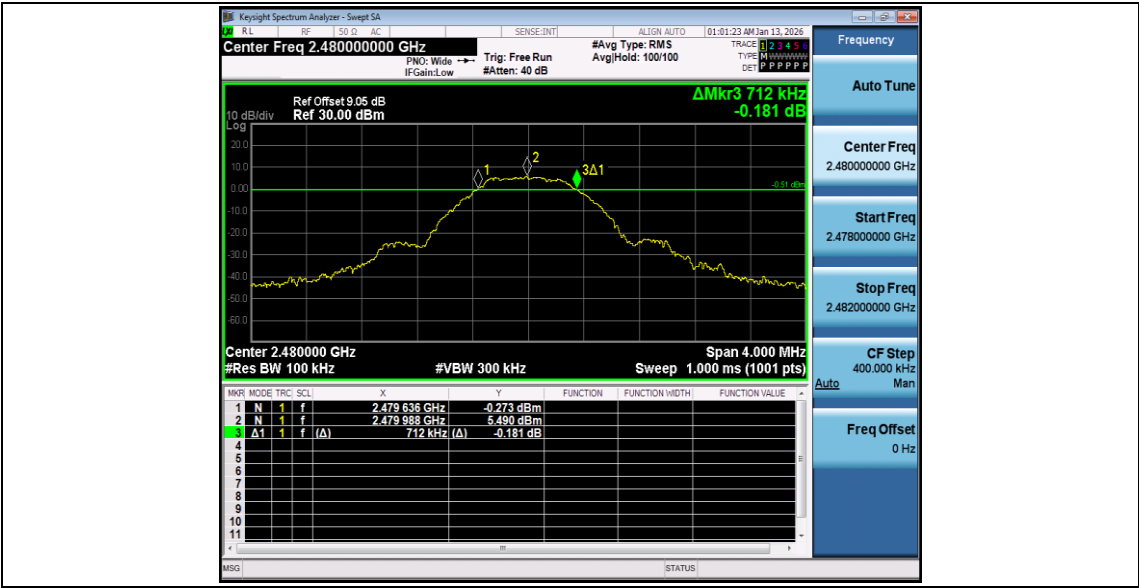
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant0	2402	0.716	2401.628	2402.344	0.5	PASS
		2440	0.640	2439.668	2440.308	0.5	PASS
		2480	0.712	2479.636	2480.348	0.5	PASS

Test Graphs



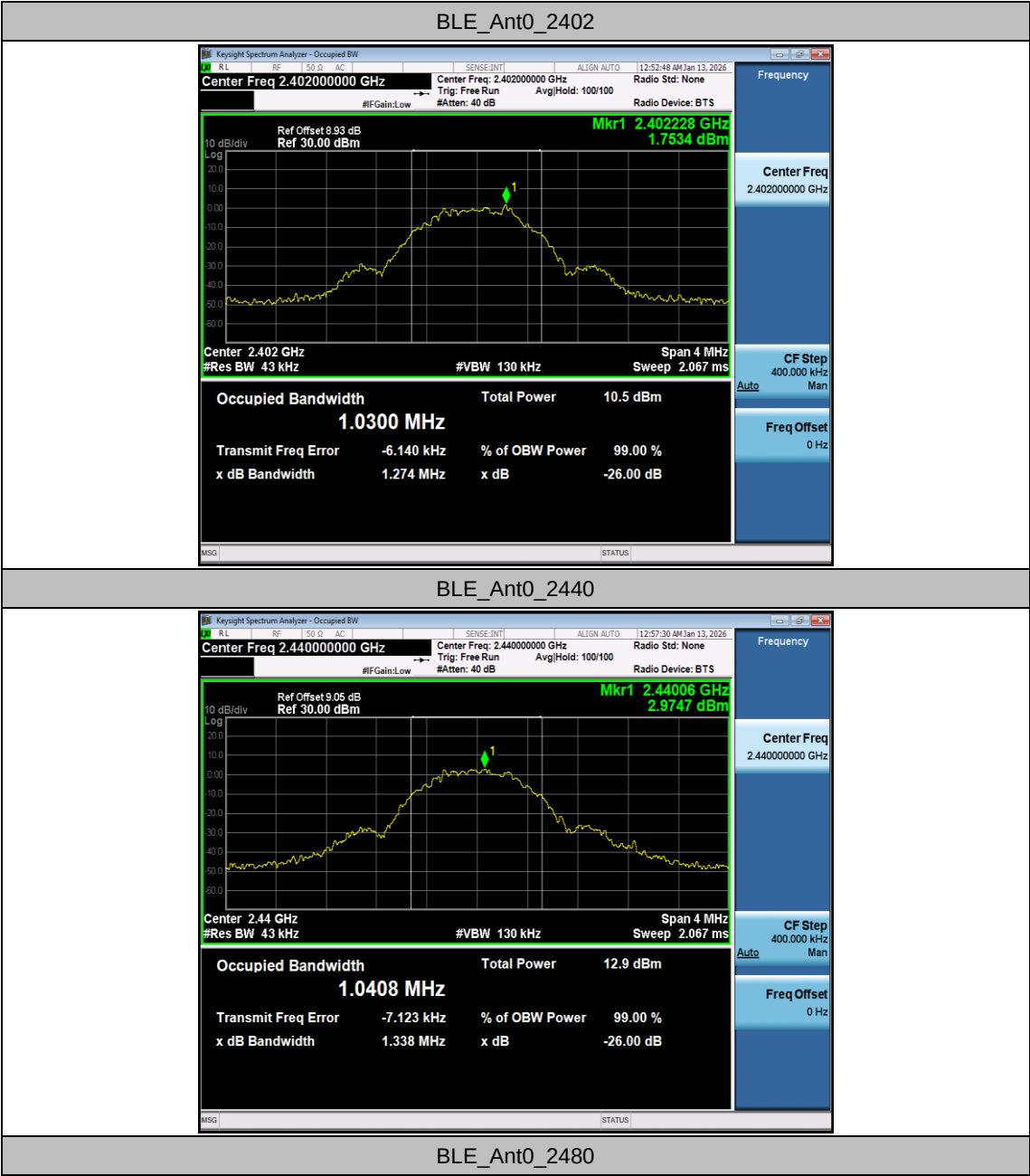


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant0	2402	1.0300	2401.4789	2402.5089	---	---
		2440	1.0408	2439.4725	2440.5133	---	---
		2480	1.0326	2479.4742	2480.5068	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

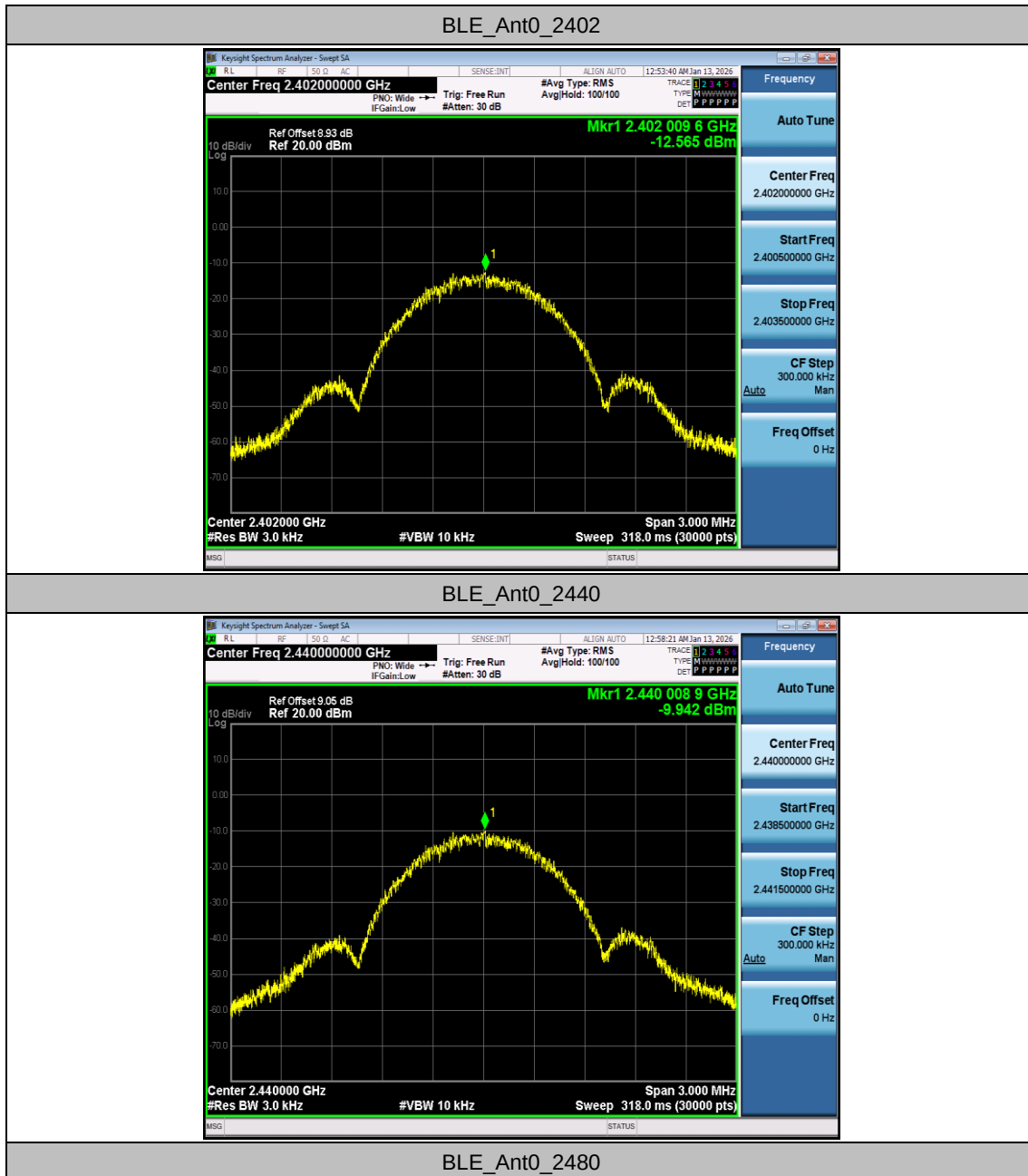
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant0	2402	4.93	≤30	PASS
		2440	7.47	≤30	PASS
		2480	8.01	≤30	PASS

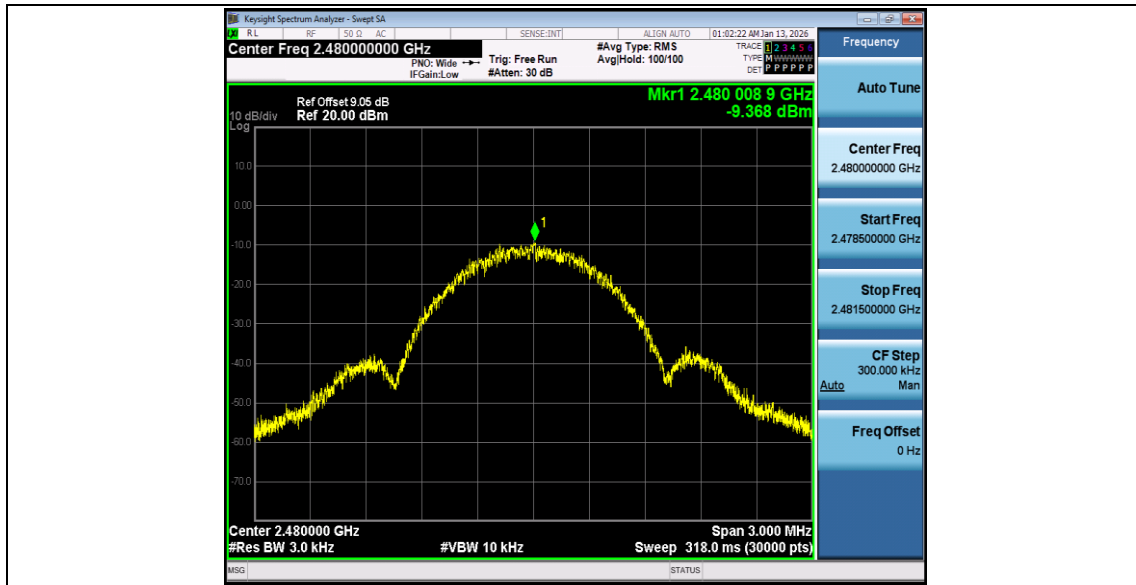
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant0	2402	-12.57	≤8.00	PASS
		2440	-9.94	≤8.00	PASS
		2480	-9.37	≤8.00	PASS

Test Graphs



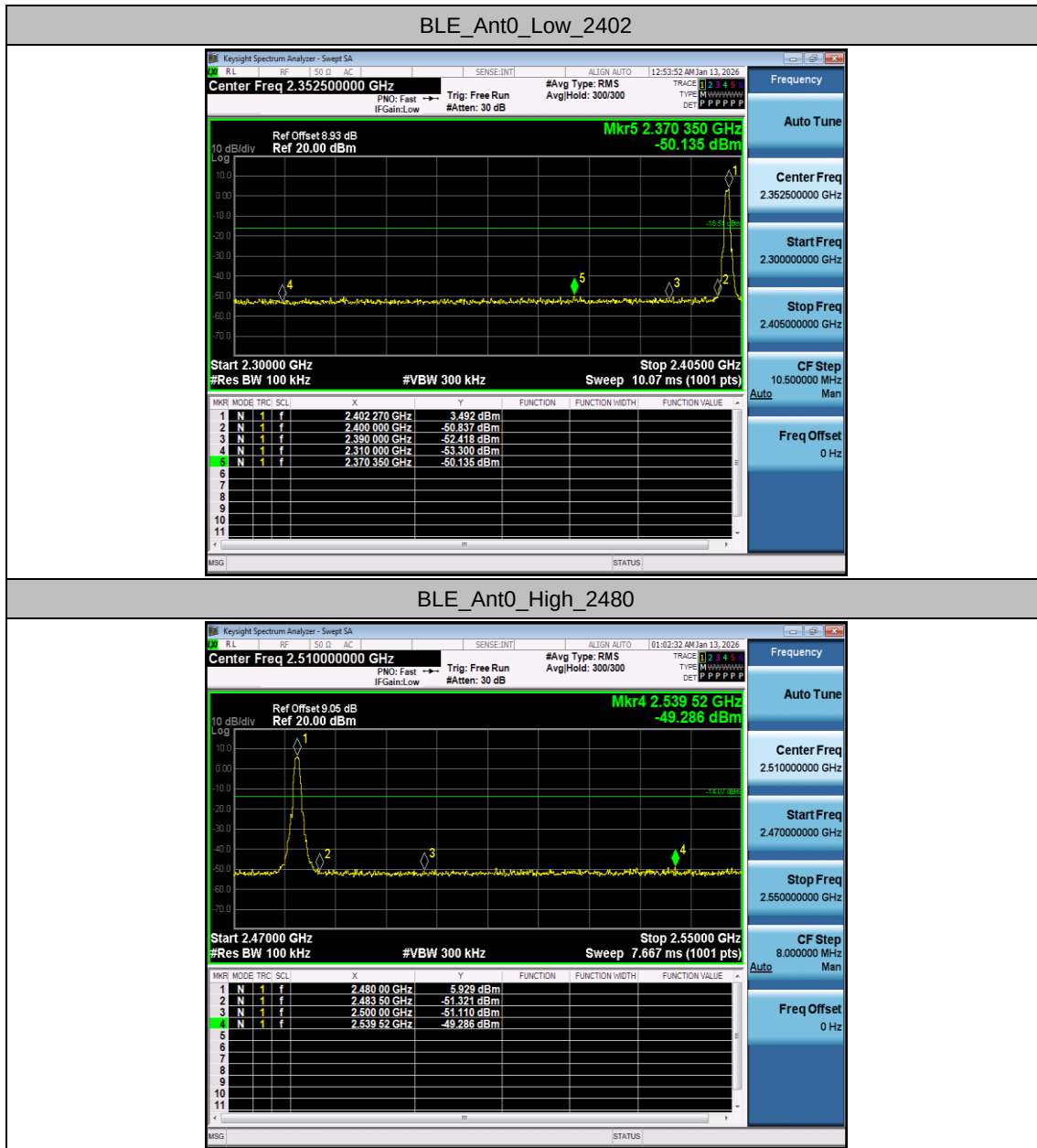


Appendix B.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant0	Low	2402	3.49	-50.14	≤-16.51	PASS
		High	2480	5.93	-49.29	≤-14.07	PASS

Test Graphs

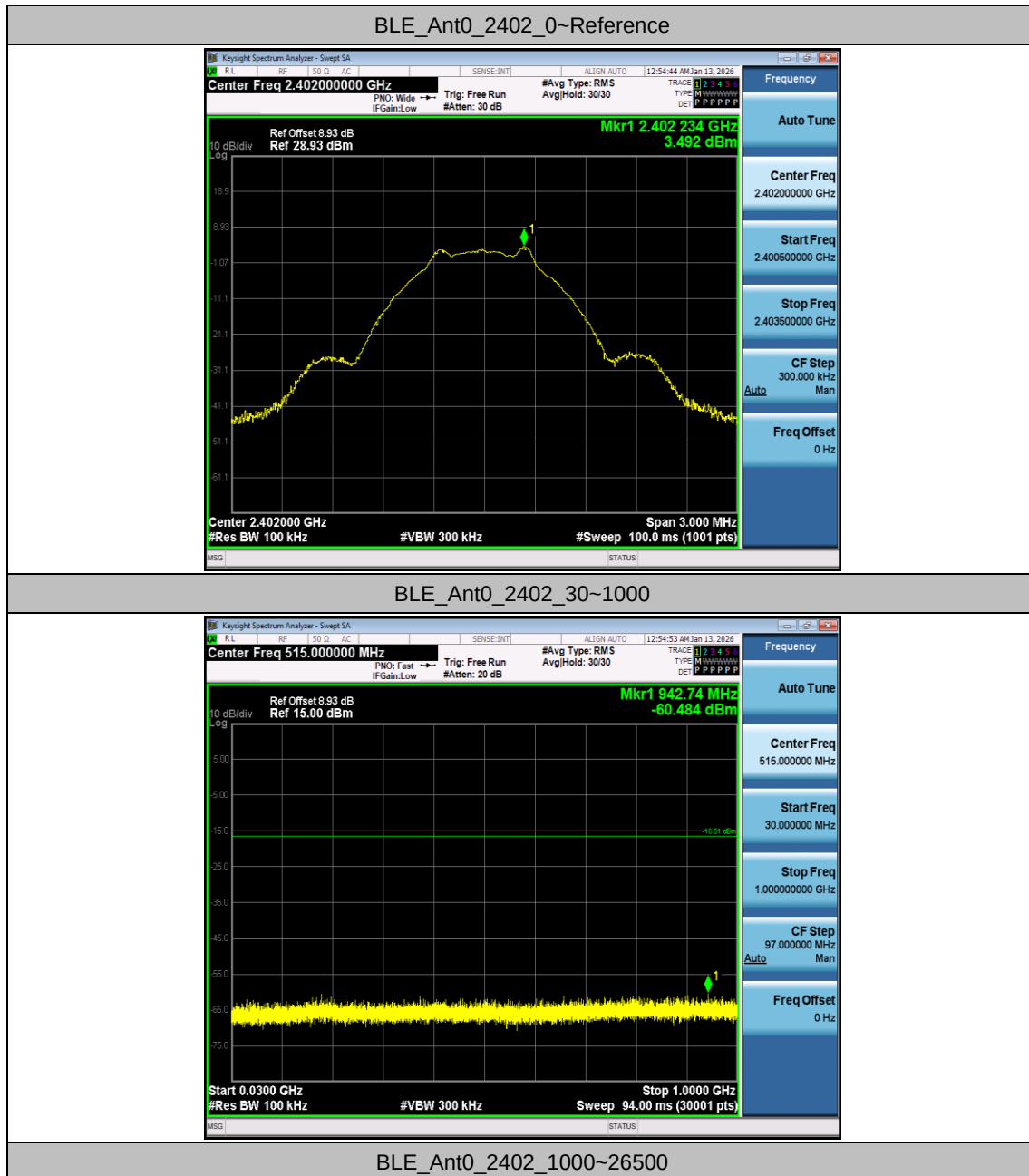


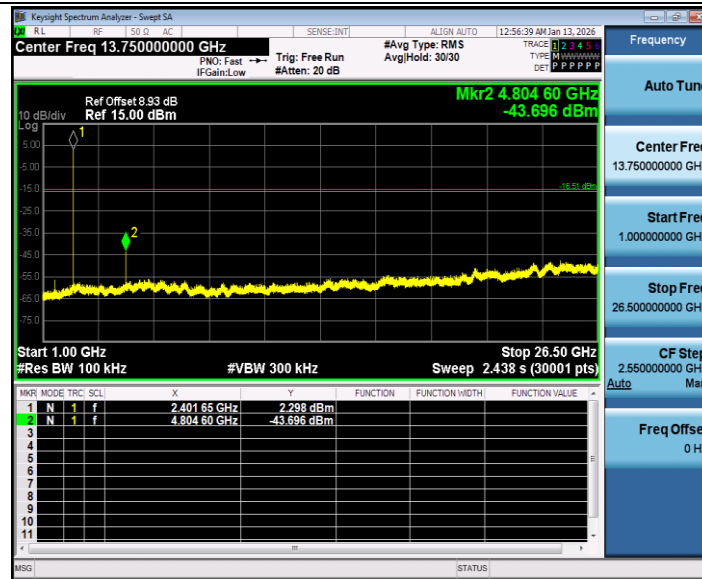
Appendix B.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant0	2402	Reference	3.49	3.49	---	PASS
			30~1000	3.49	-60.48	≤-16.51	PASS
			1000~26500	3.49	-43.7	≤-16.51	PASS
		2440	Reference	6.03	6.03	---	PASS
			30~1000	6.03	-59.69	≤-13.97	PASS
			1000~26500	6.03	-46.99	≤-13.97	PASS
		2480	Reference	6.61	6.61	---	PASS
			30~1000	6.61	-60.48	≤-13.39	PASS
			1000~26500	6.61	-47.09	≤-13.39	PASS

Test Graphs

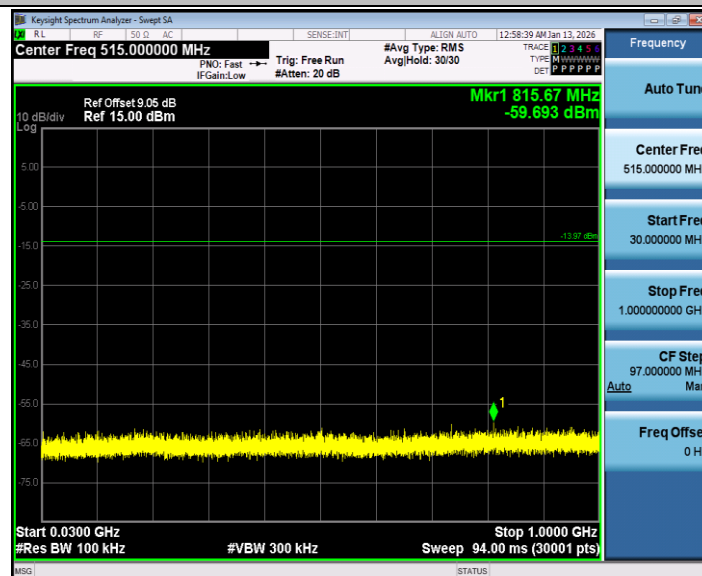


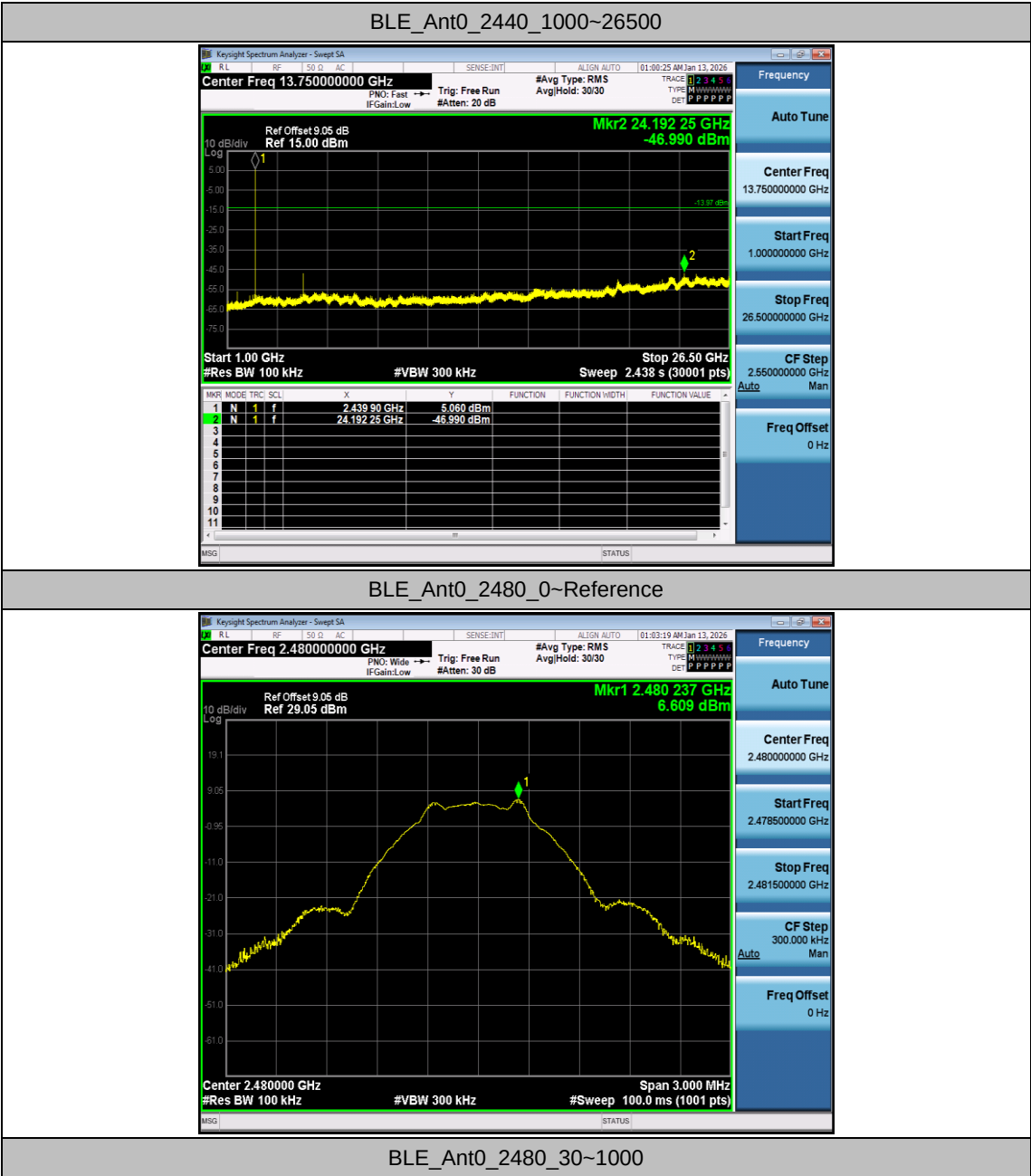


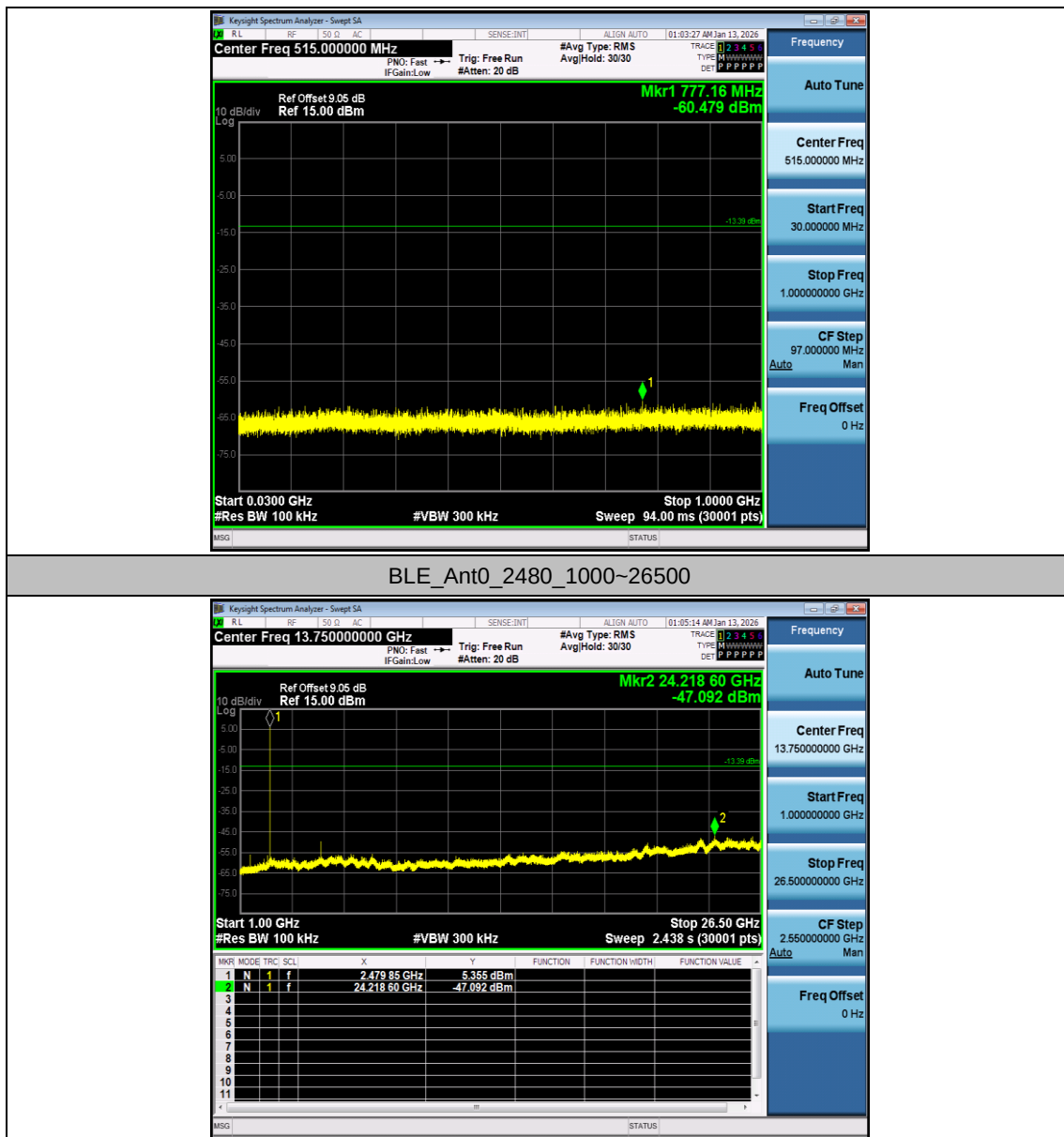
BLE_Ant0_2440_0~Reference



BLE_Ant0_2440_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	Ant0	2402	2.12	2.50	0.8480	84.80	0.72	0.47
		2440	2.12	2.50	0.8480	84.80	0.72	0.47
		2480	2.13	2.50	0.8520	85.20	0.70	0.47

Test Graphs

