

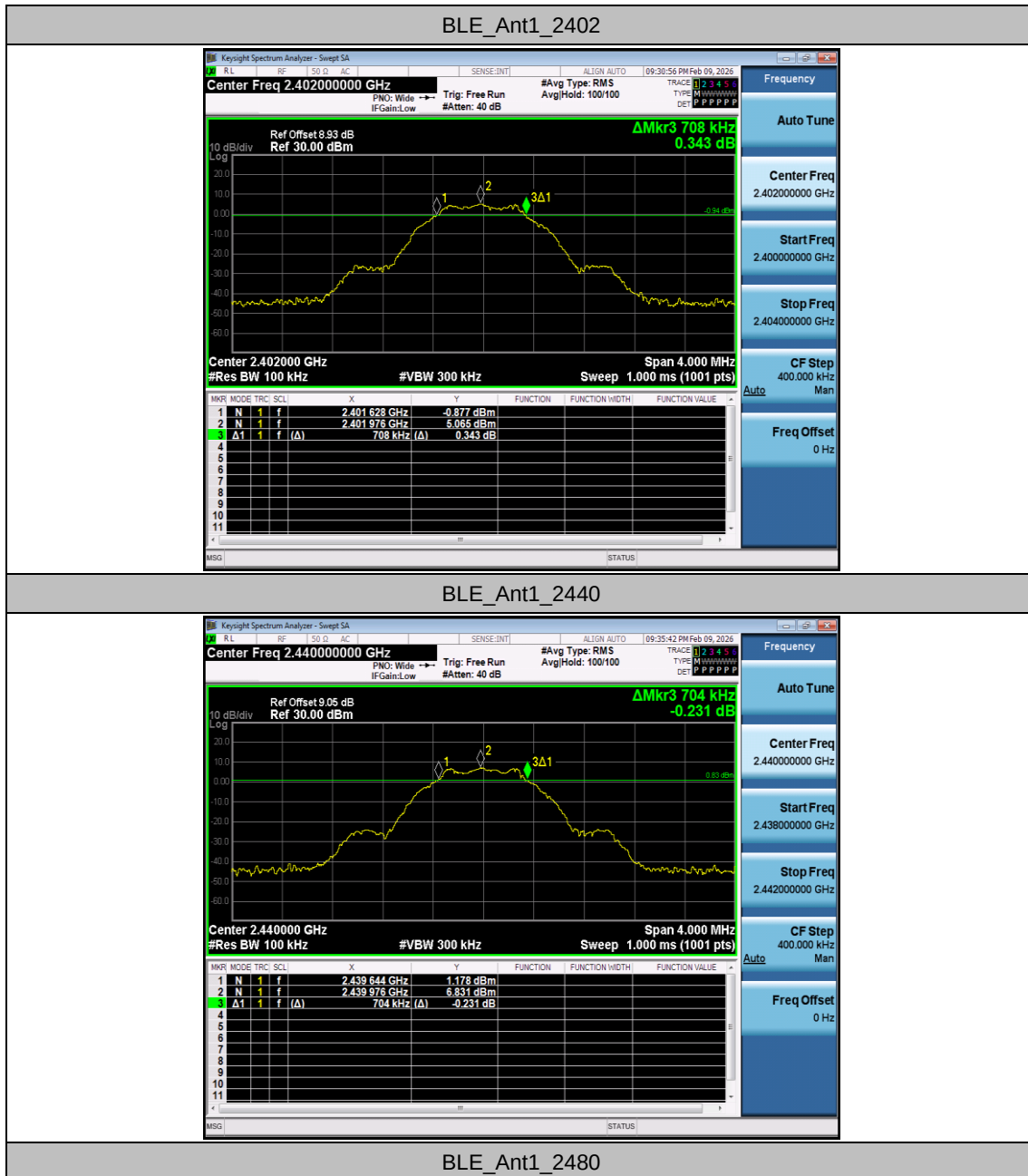
Case No. : <u>GTS20251225009-2-10</u>
Ambient Condition: <u>23</u> °C, <u>52</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.1.19-2026.3.10</u> Test Engineer: <u>Evan ouyang</u>

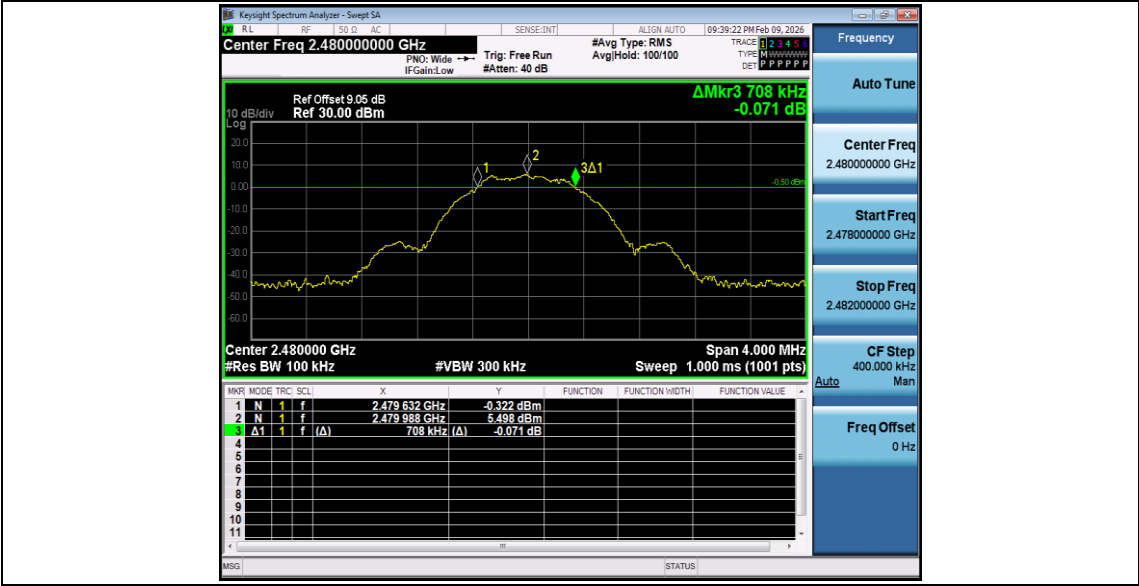
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.708	2401.628	2402.336	0.5	PASS
		2440	0.704	2439.644	2440.348	0.5	PASS
		2480	0.708	2479.632	2480.340	0.5	PASS

Test Graphs



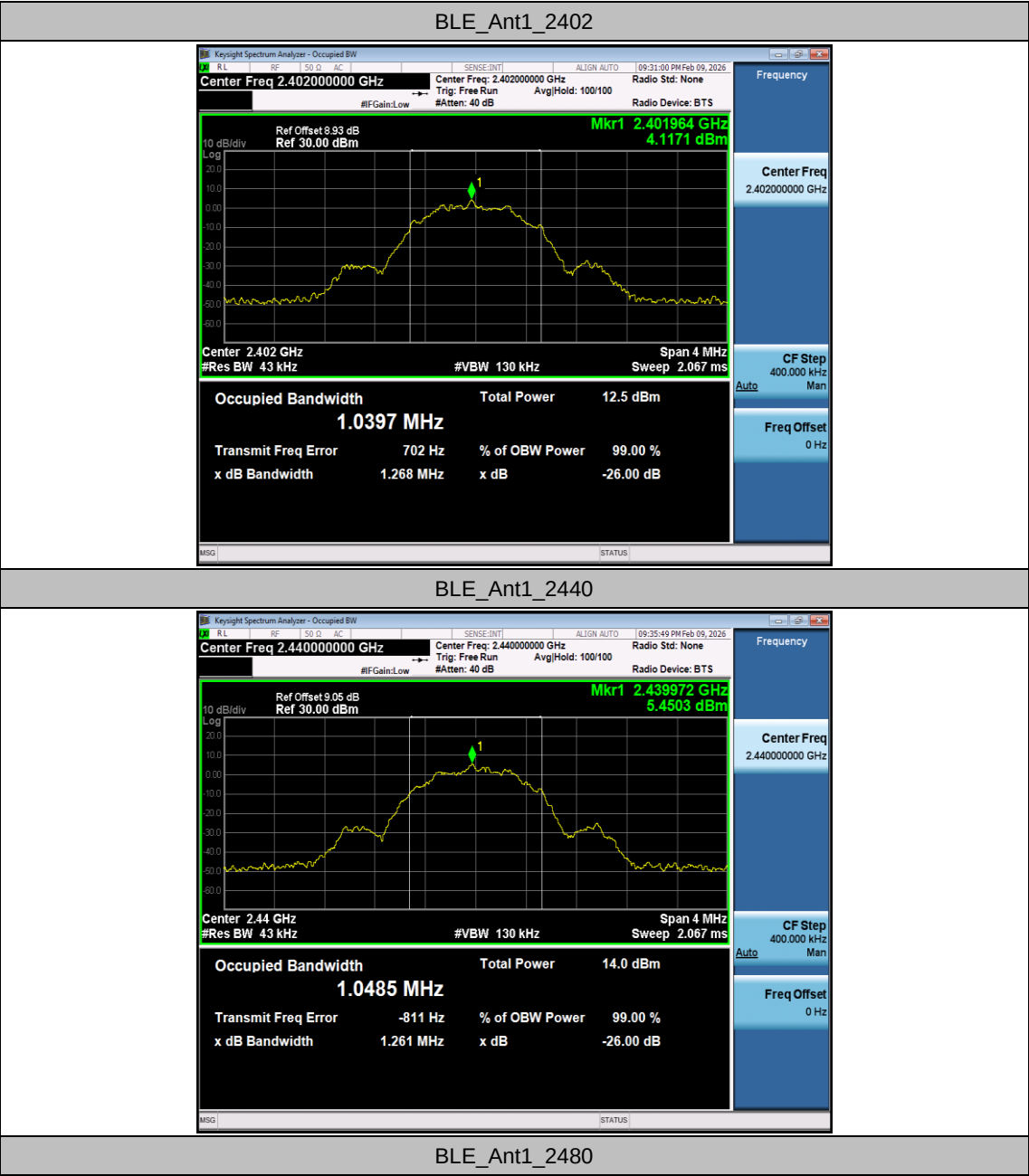


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0397	2401.4809	2402.5206	---	---
		2440	1.0485	2439.4749	2440.5234	---	---
		2480	1.0451	2479.4746	2480.5197	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

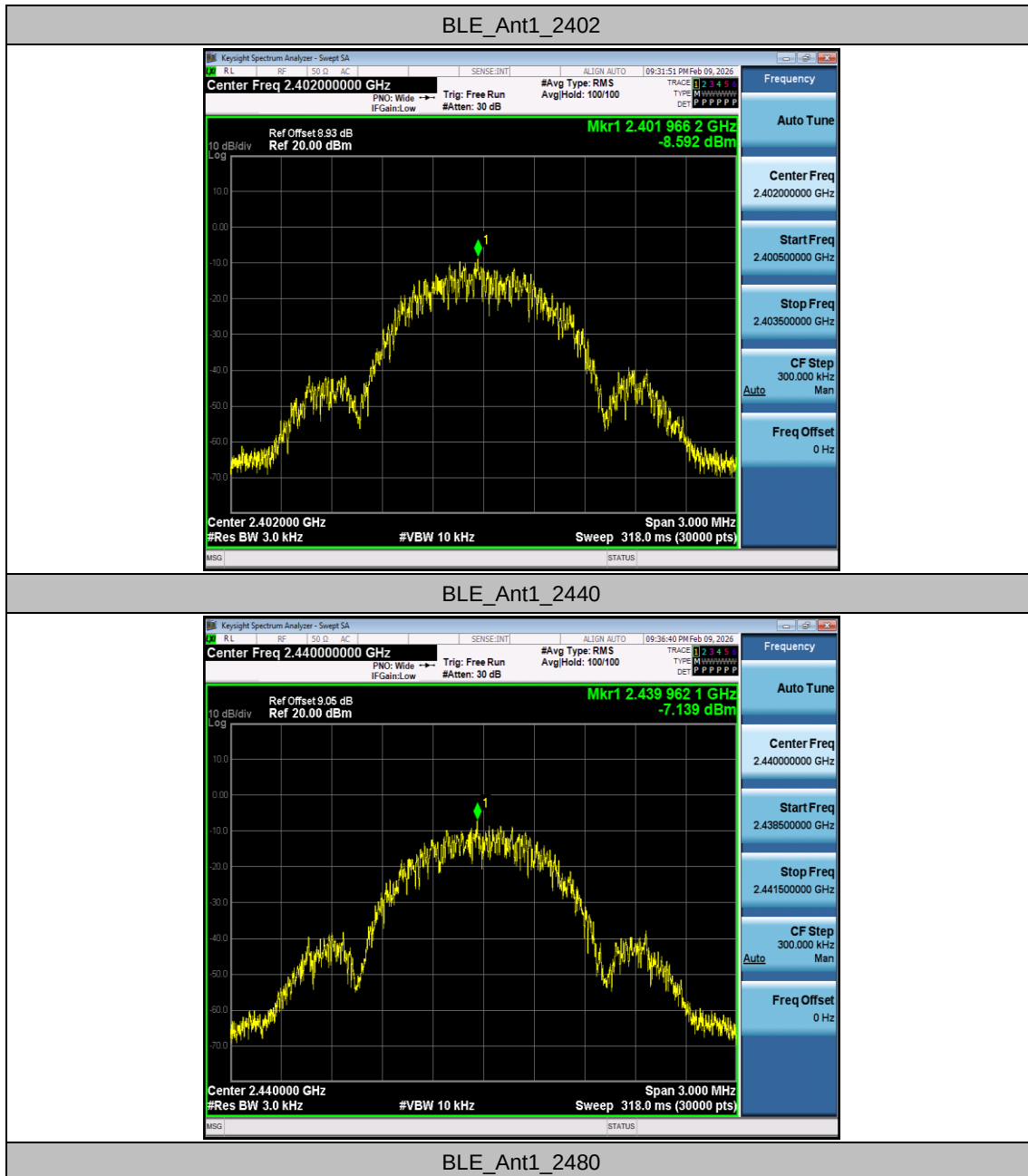
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	7.09	≤30	PASS
		2440	8.68	≤30	PASS
		2480	7.35	≤30	PASS

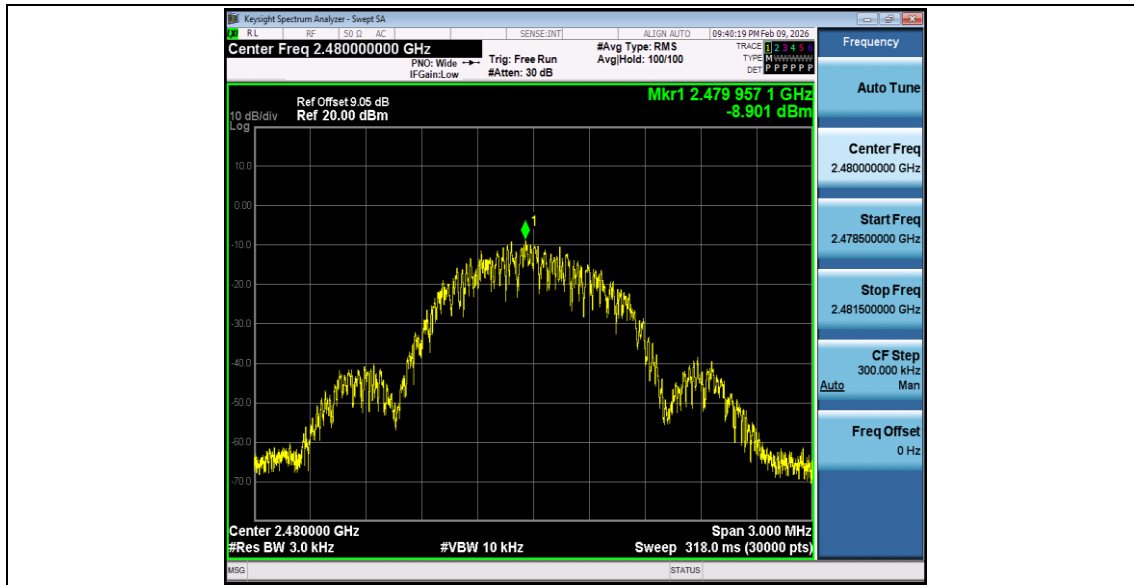
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-8.59	≤8.00	PASS
		2440	-7.14	≤8.00	PASS
		2480	-8.90	≤8.00	PASS

Test Graphs



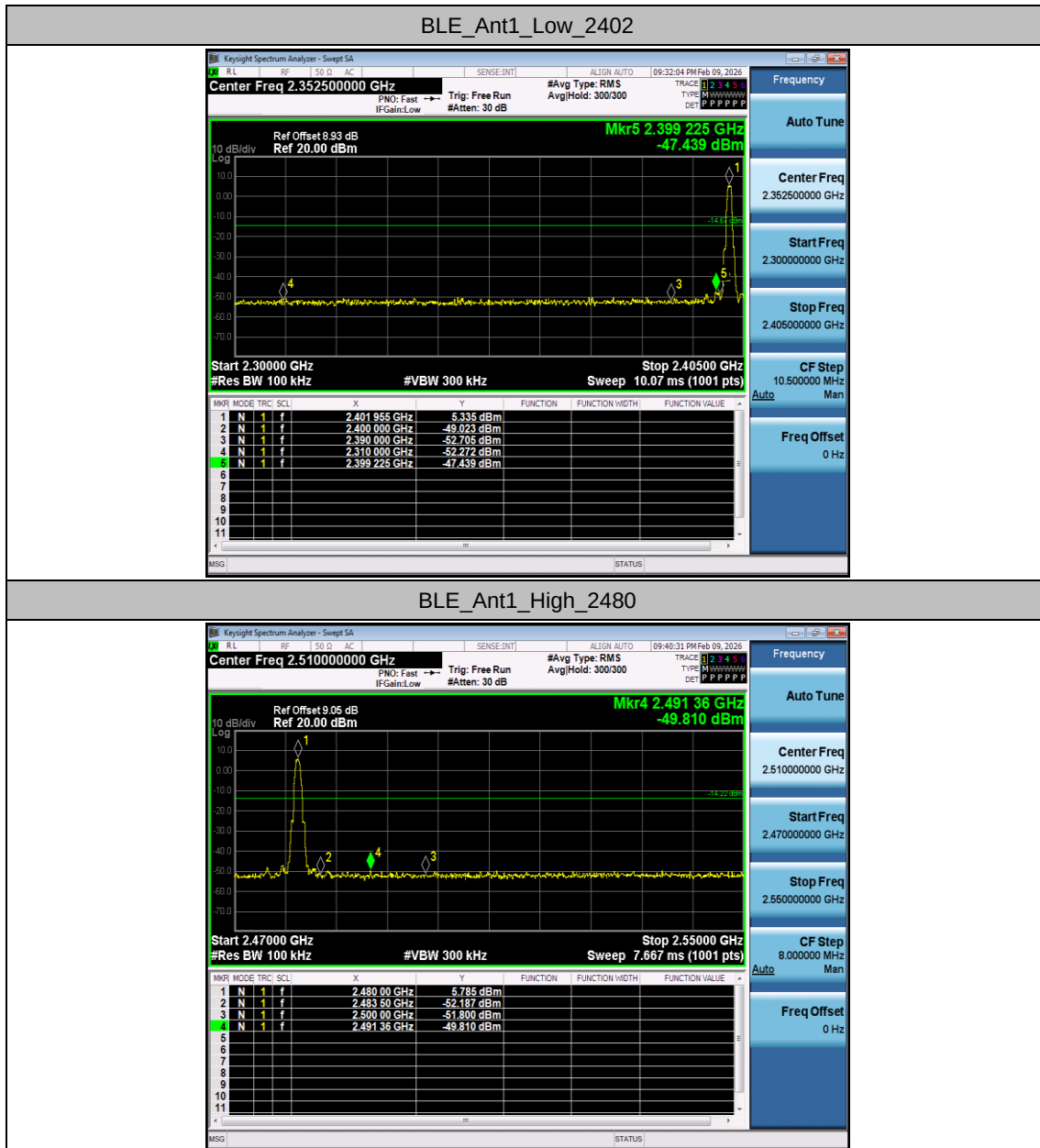


Appendix B.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	5.34	-47.44	≤-14.67	PASS
		High	2480	5.79	-49.81	≤-14.22	PASS

Test Graphs

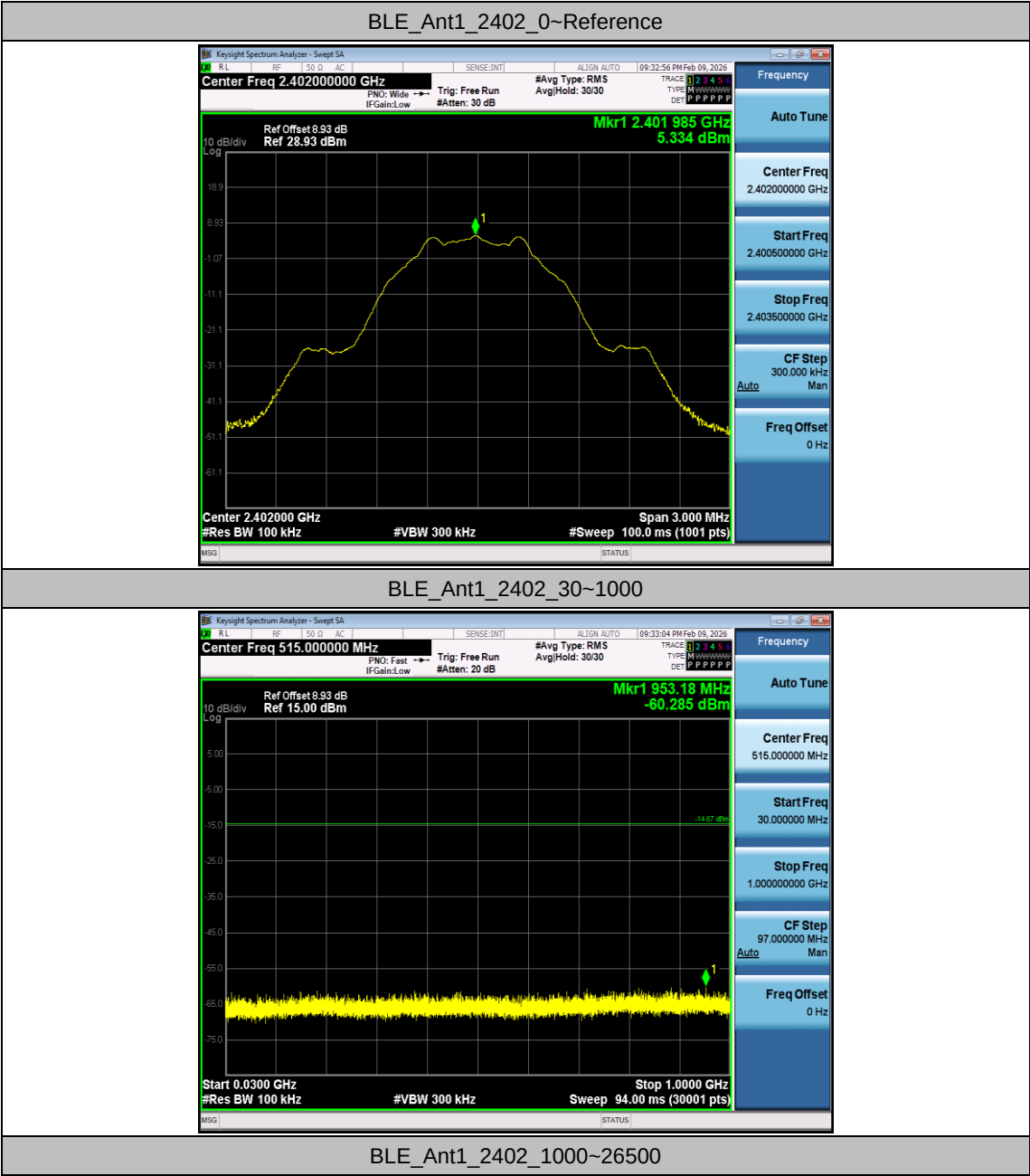


Appendix B.6:Conducted Spurious Emission

Test Result

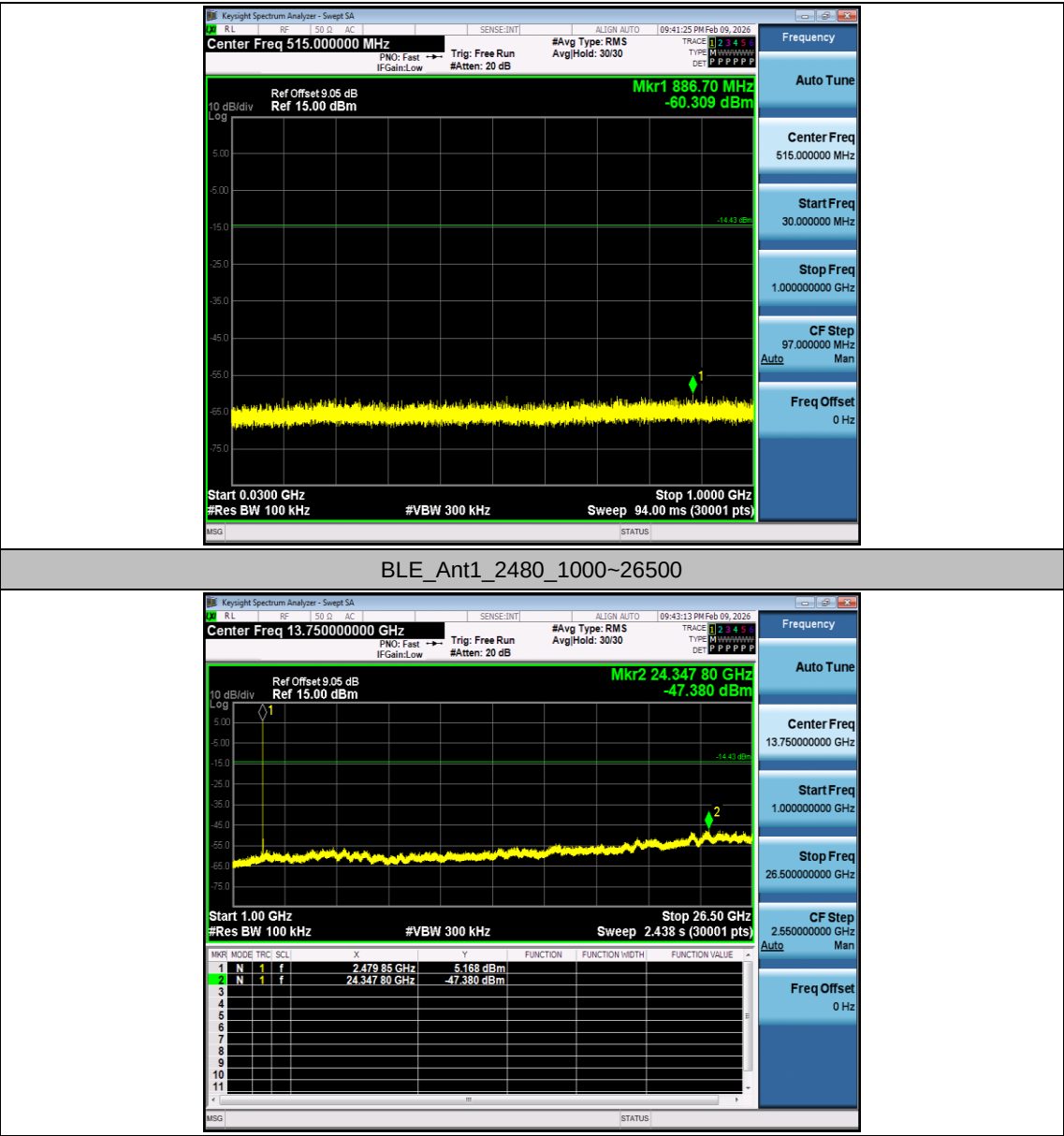
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	5.33	5.33	---	PASS
			30~1000	5.33	-60.29	≤-14.67	PASS
			1000~26500	5.33	-48.08	≤-14.67	PASS
		2440	Reference	6.97	6.97	---	PASS
			30~1000	6.97	-60.48	≤-13.03	PASS
			1000~26500	6.97	-48.18	≤-13.03	PASS
		2480	Reference	5.57	5.57	---	PASS
			30~1000	5.57	-60.31	≤-14.43	PASS
			1000~26500	5.57	-47.38	≤-14.43	PASS

Test Graphs









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	0.62	0.6290	62.90	2.01	2.56
		2440	0.39	0.62	0.6290	62.90	2.01	2.56
		2480	0.39	0.63	0.6190	61.90	2.08	2.56

Test Graphs

