

Case No. : <u>GTS20241217020-2-10</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2025.2.13</u>	Test Engineer: <u>Evan ouyang</u>

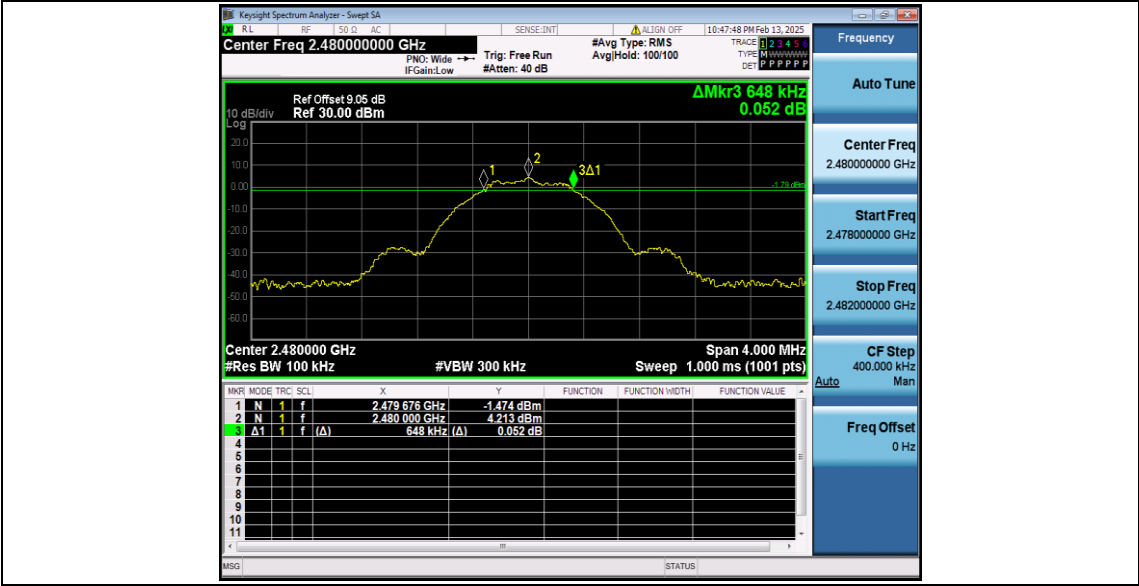
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.664	2401.664	2402.328	0.5	PASS
		2440	0.652	2439.672	2440.324	0.5	PASS
		2480	0.648	2479.676	2480.324	0.5	PASS

Test Graphs



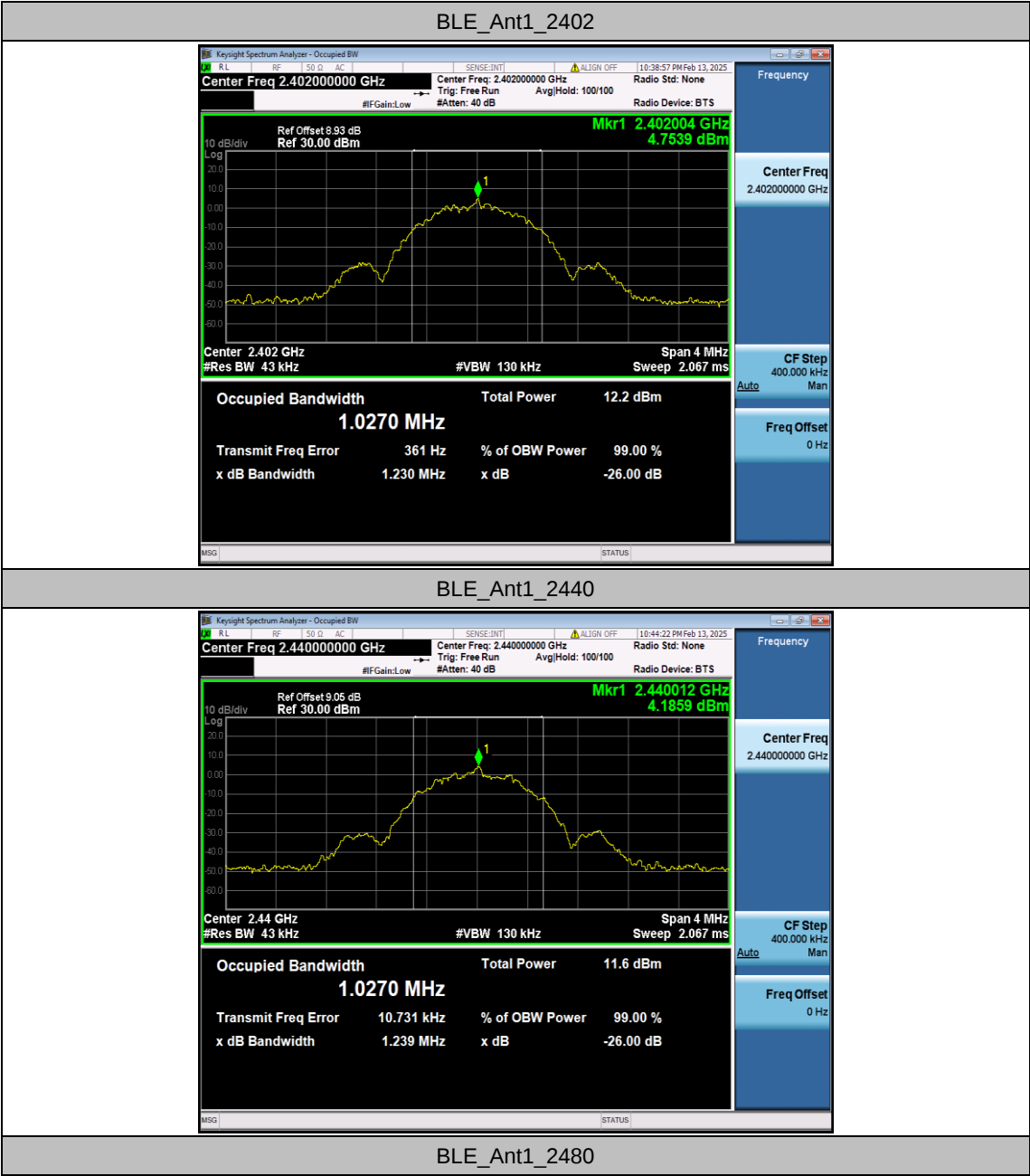


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0270	2401.4869	2402.5139	---	---
		2440	1.0270	2439.4972	2440.5242	---	---
		2480	1.0363	2479.4876	2480.5239	---	---

Test Graphs



Appendix B.3: Maximum conducted output power

Test Result Peak

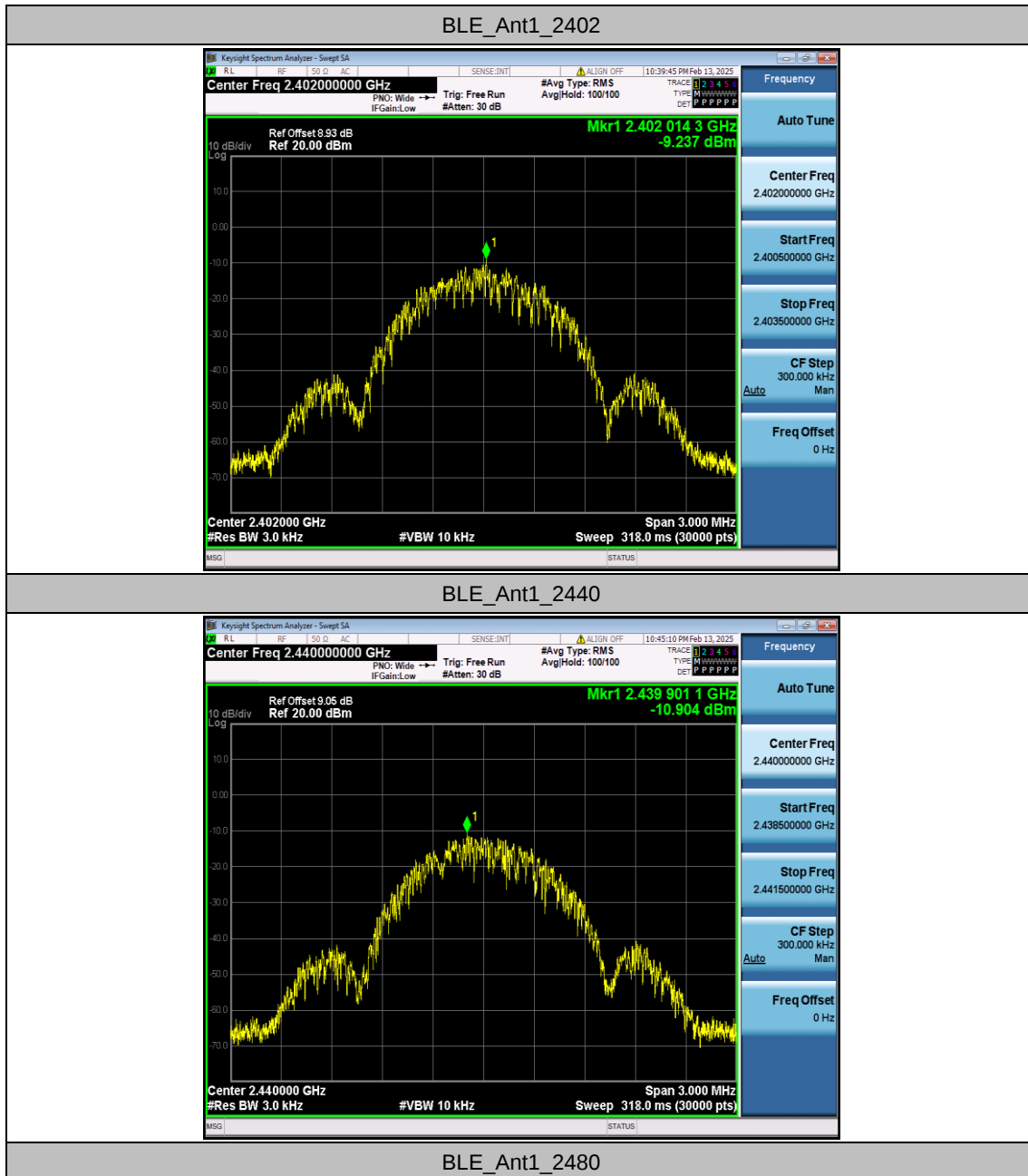
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	5.43	≤30	PASS
		2440	4.93	≤30	PASS
		2480	4.33	≤30	PASS

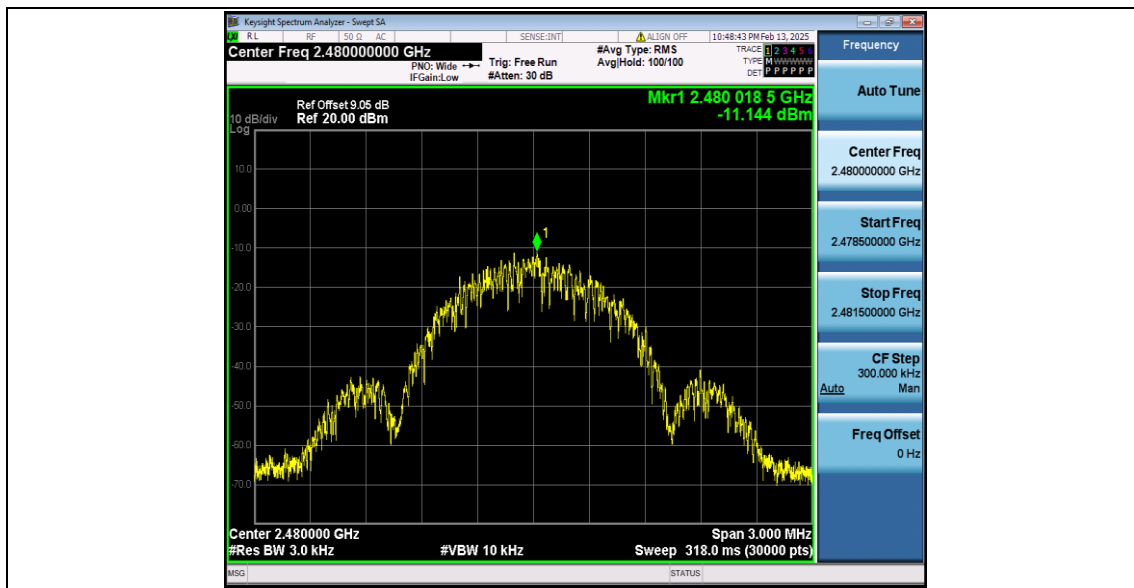
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-9.24	≤8.00	PASS
		2440	-10.90	≤8.00	PASS
		2480	-11.14	≤8.00	PASS

Test Graphs



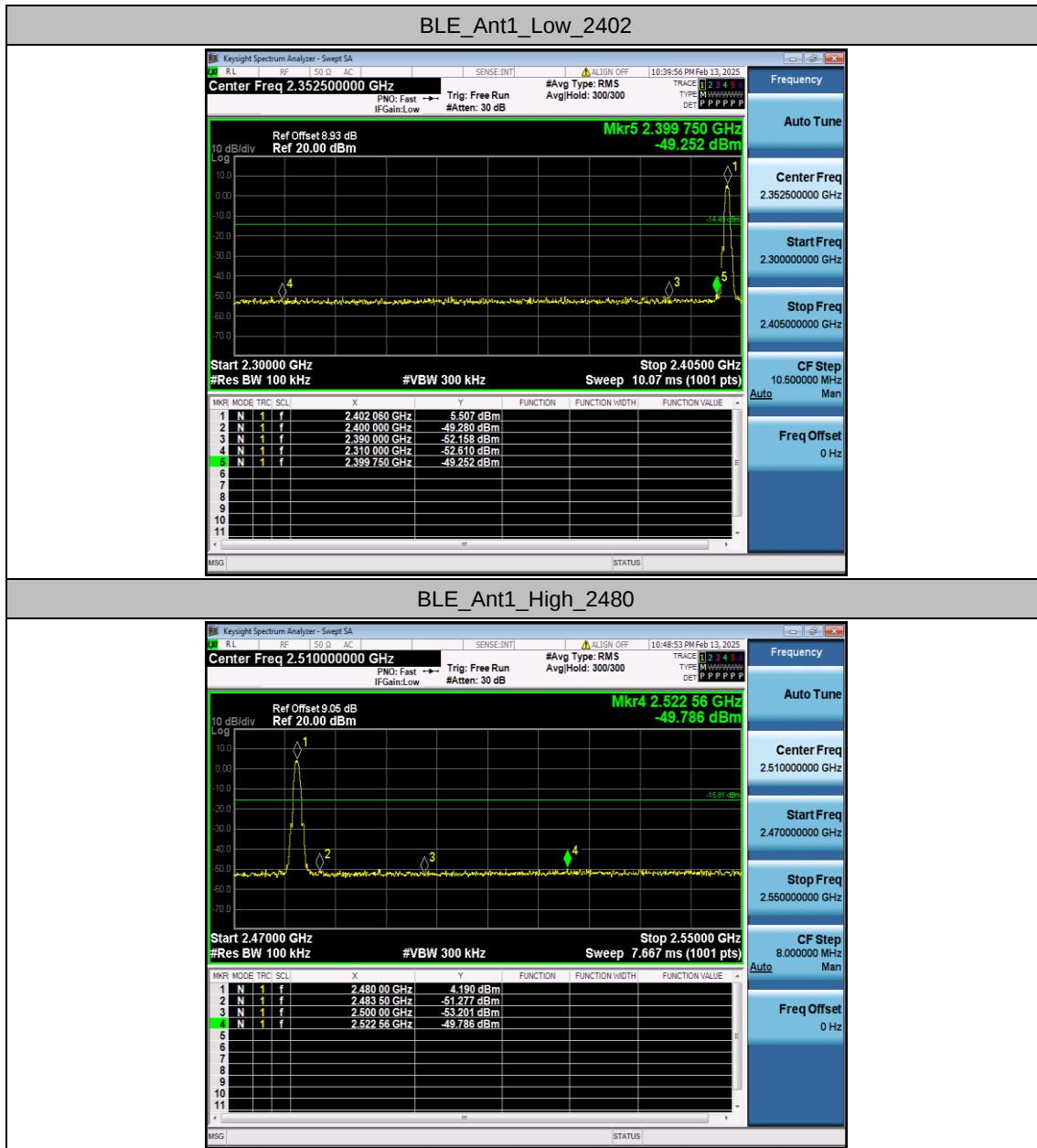


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	5.51	-49.25	≤-14.49	PASS
		High	2480	4.19	-49.79	≤-15.81	PASS

Test Graphs

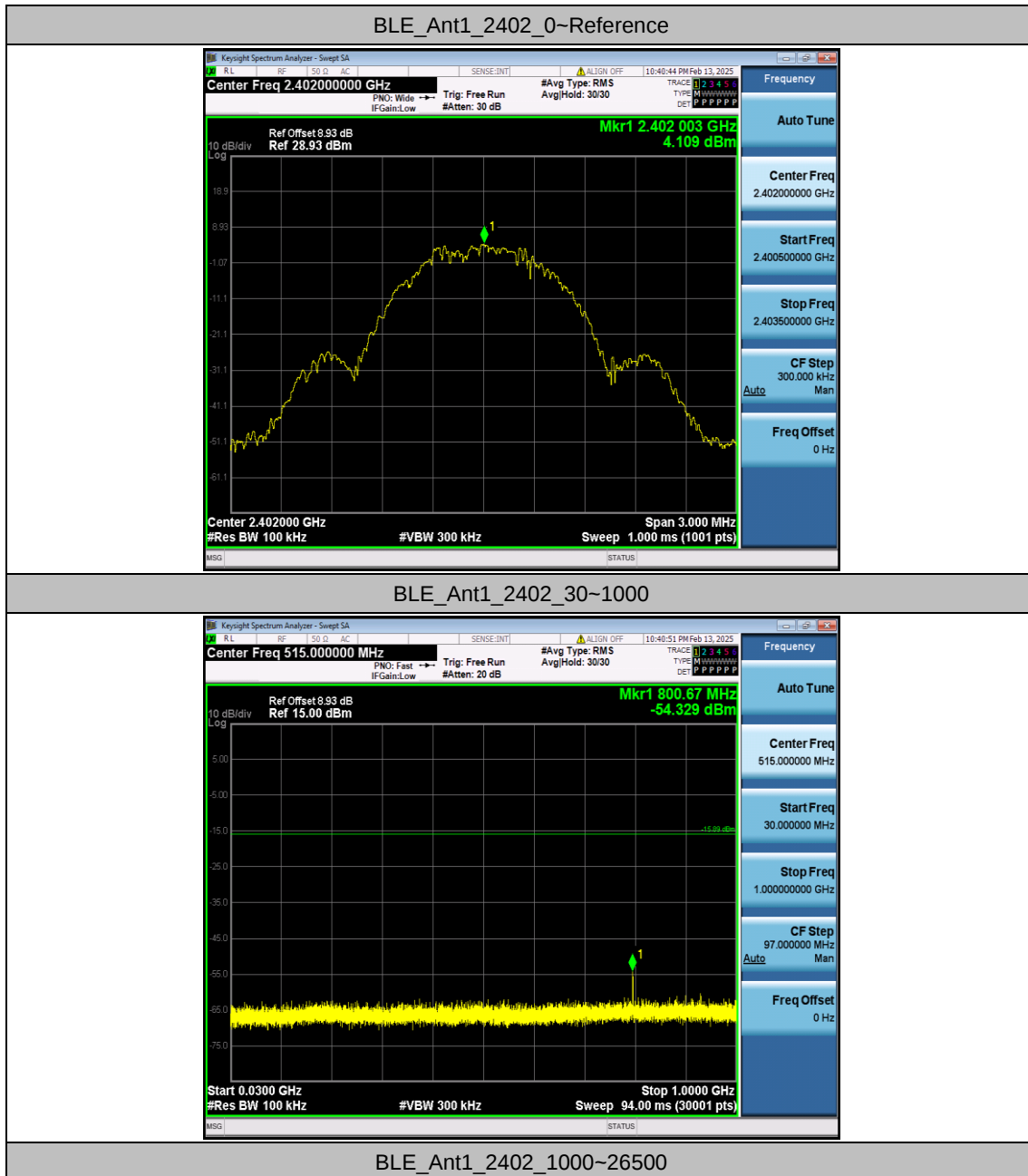


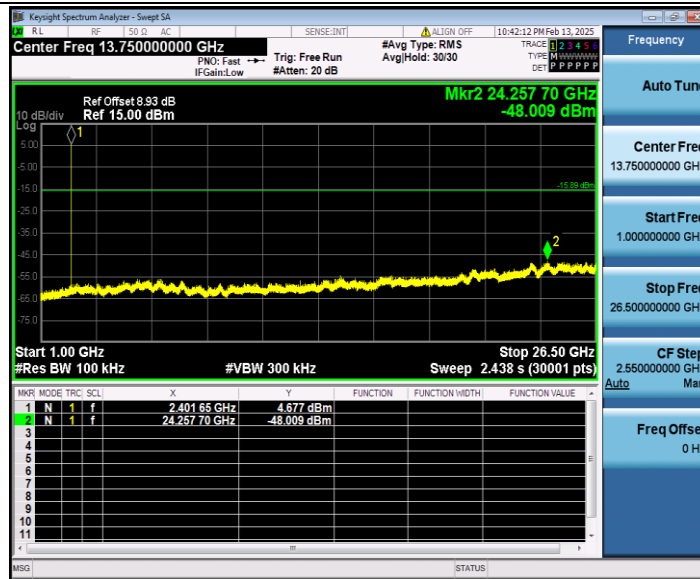
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	4.11	4.11	---	PASS
			30~1000	4.11	-54.33	≤ -15.89	PASS
			1000~26500	4.11	-48.01	≤ -15.89	PASS
		2440	Reference	4.37	4.37	---	PASS
			30~1000	4.37	-55.8	≤ -15.63	PASS
			1000~26500	4.37	-47.65	≤ -15.63	PASS
		2480	Reference	4.11	4.11	---	PASS
			30~1000	4.11	-58.23	≤ -15.89	PASS
			1000~26500	4.11	-47.33	≤ -15.89	PASS

Test Graphs

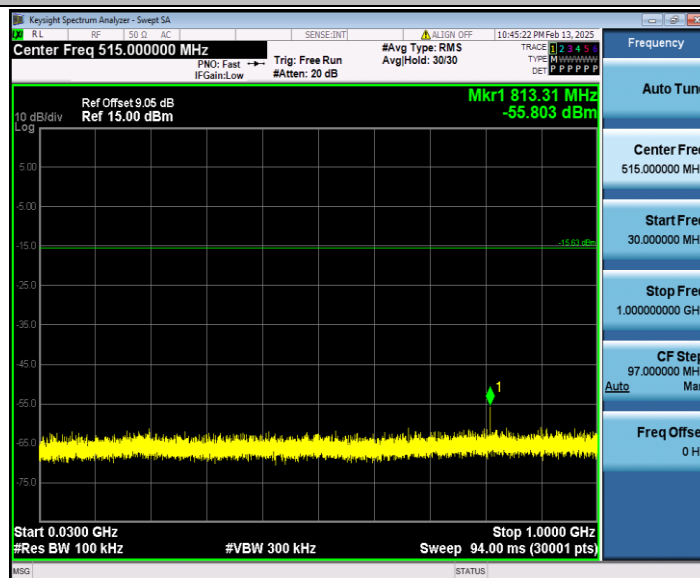




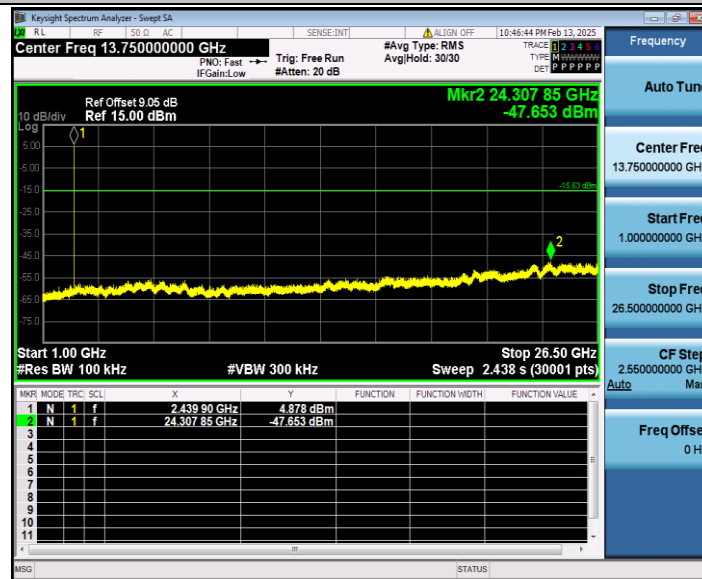
BLE_Ant1_2440_0~Reference



BLE_Ant1_2440_30~1000



BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000

