

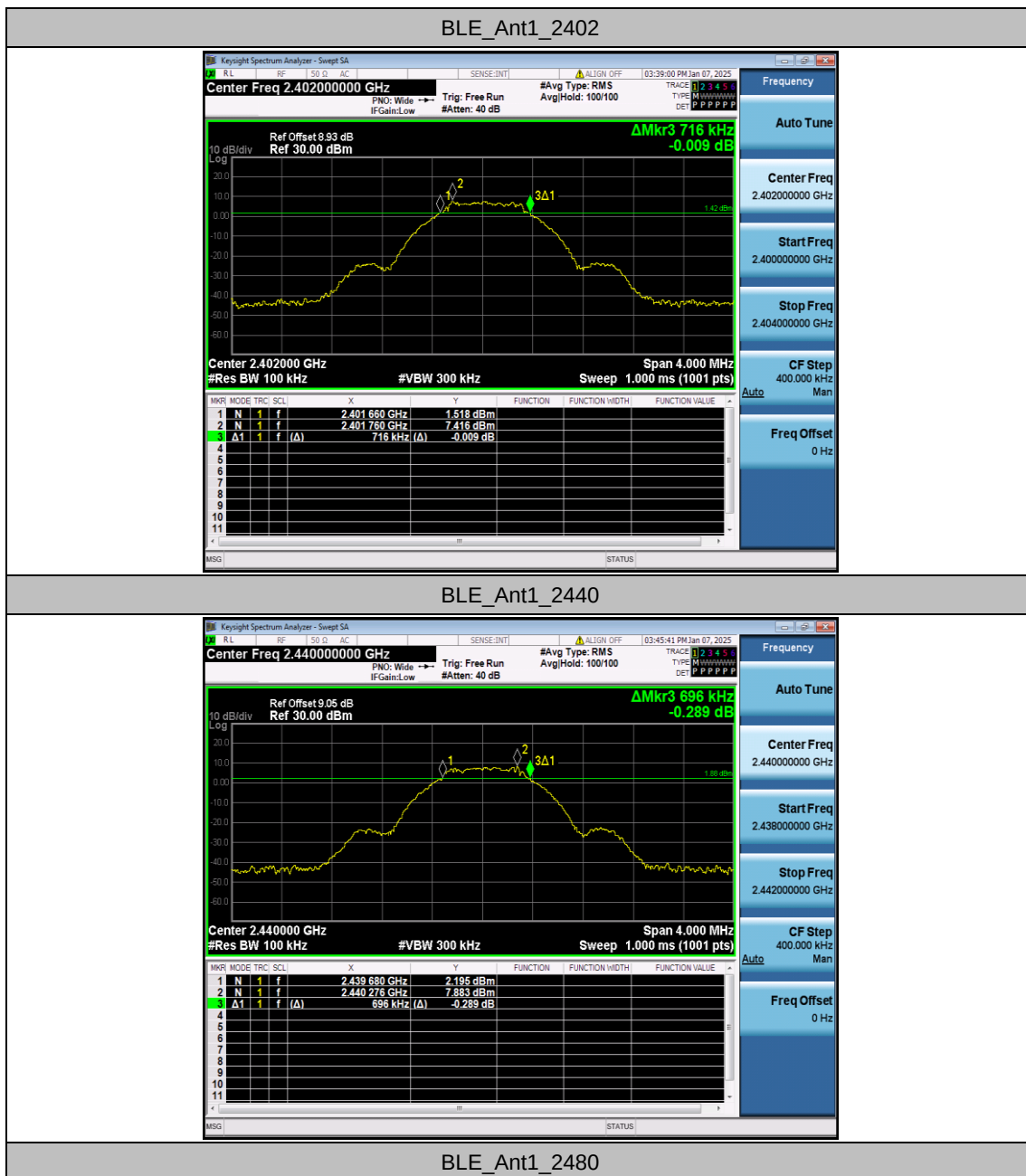
Case No. : <u>GTS20240604012-1-02</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2025.1.3</u>	Test Engineer: <u>Evan ouyang</u>

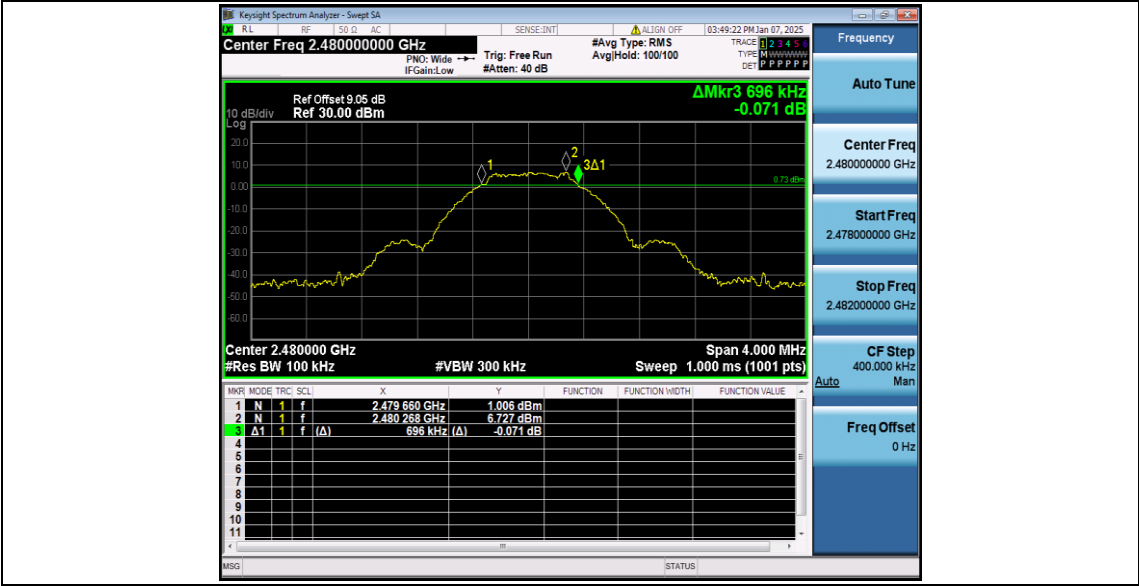
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.716	2401.660	2402.376	0.5	PASS
		2440	0.696	2439.680	2440.376	0.5	PASS
		2480	0.696	2479.660	2480.356	0.5	PASS

Test Graphs



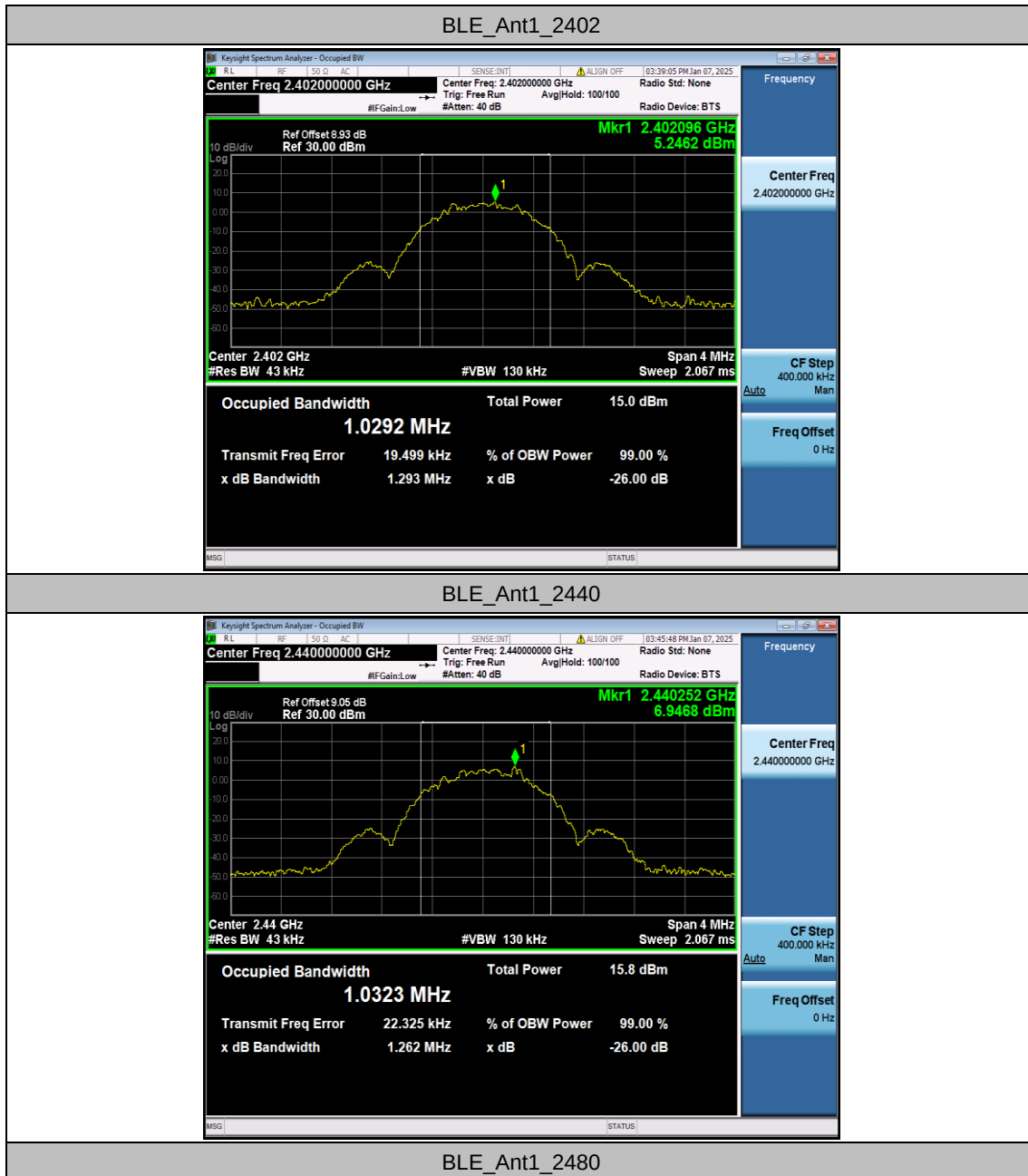


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0292	2401.5049	2402.5341	---	---
		2440	1.0323	2439.5062	2440.5385	---	---
		2480	1.0250	2479.5070	2480.5320	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

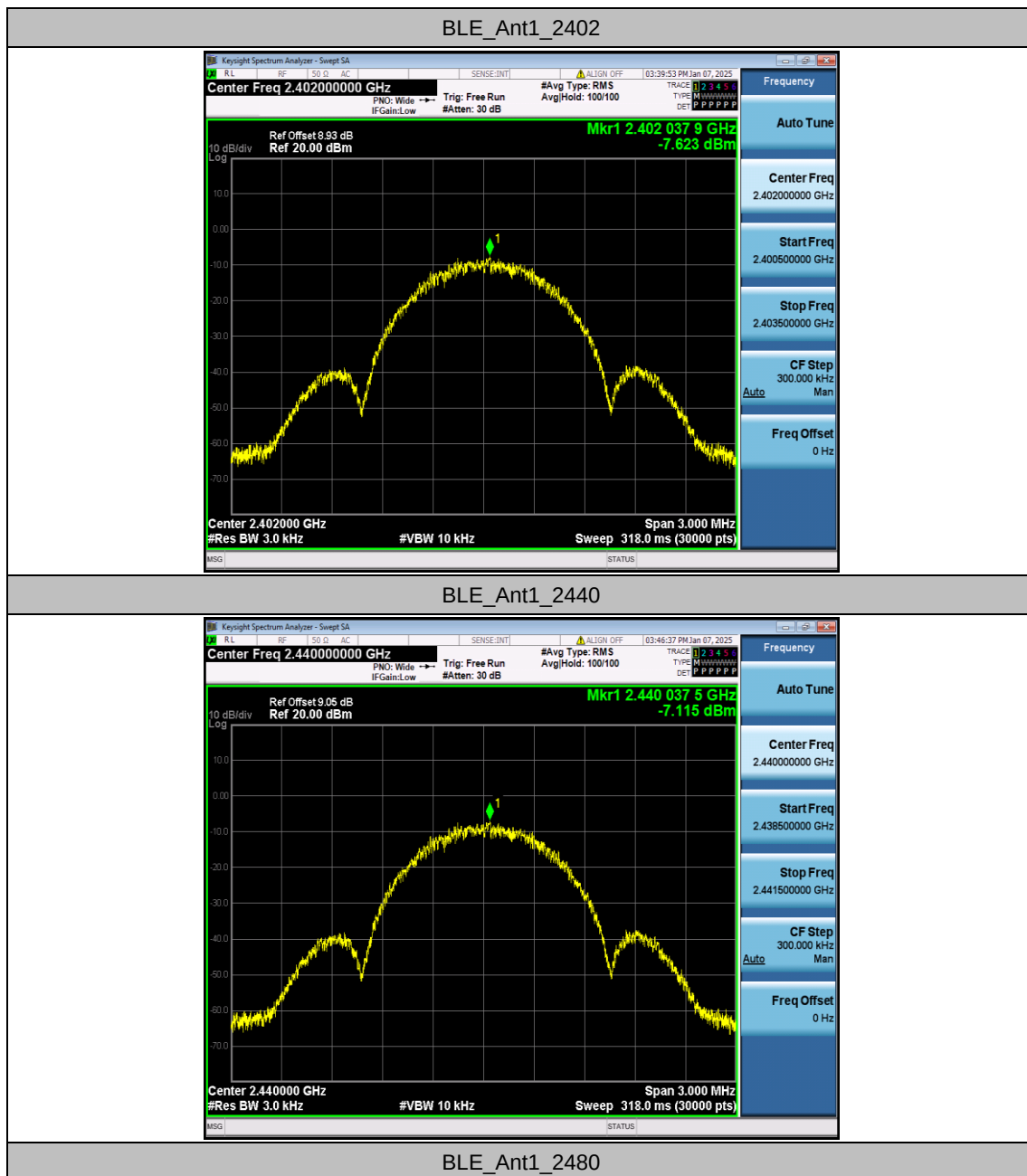
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	8.66	≤30	PASS
		2440	9.19	≤30	PASS
		2480	7.93	≤30	PASS

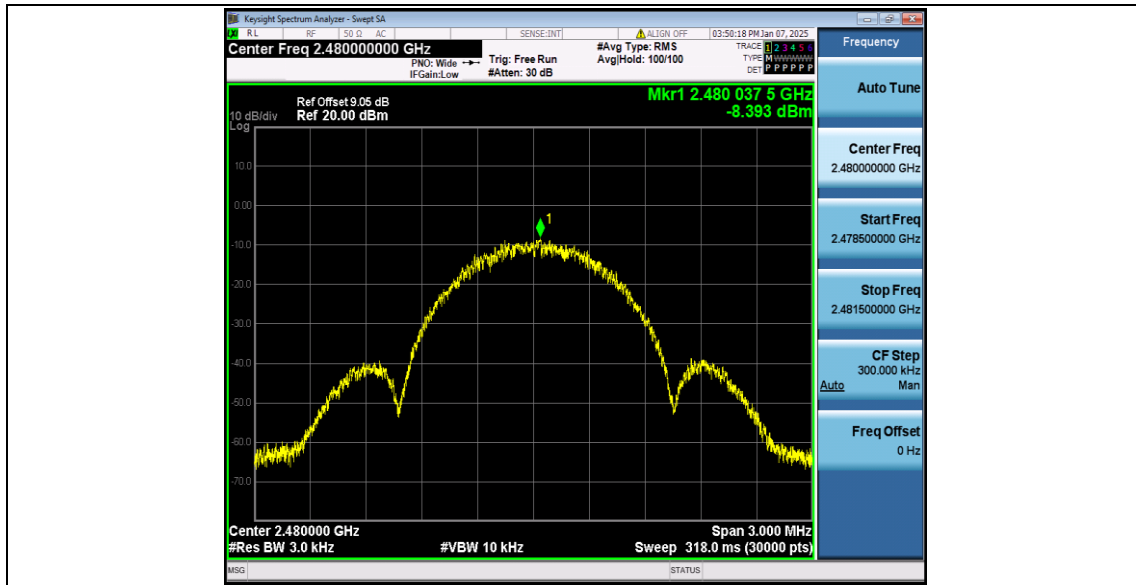
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-7.62	≤8.00	PASS
		2440	-7.12	≤8.00	PASS
		2480	-8.39	≤8.00	PASS

Test Graphs



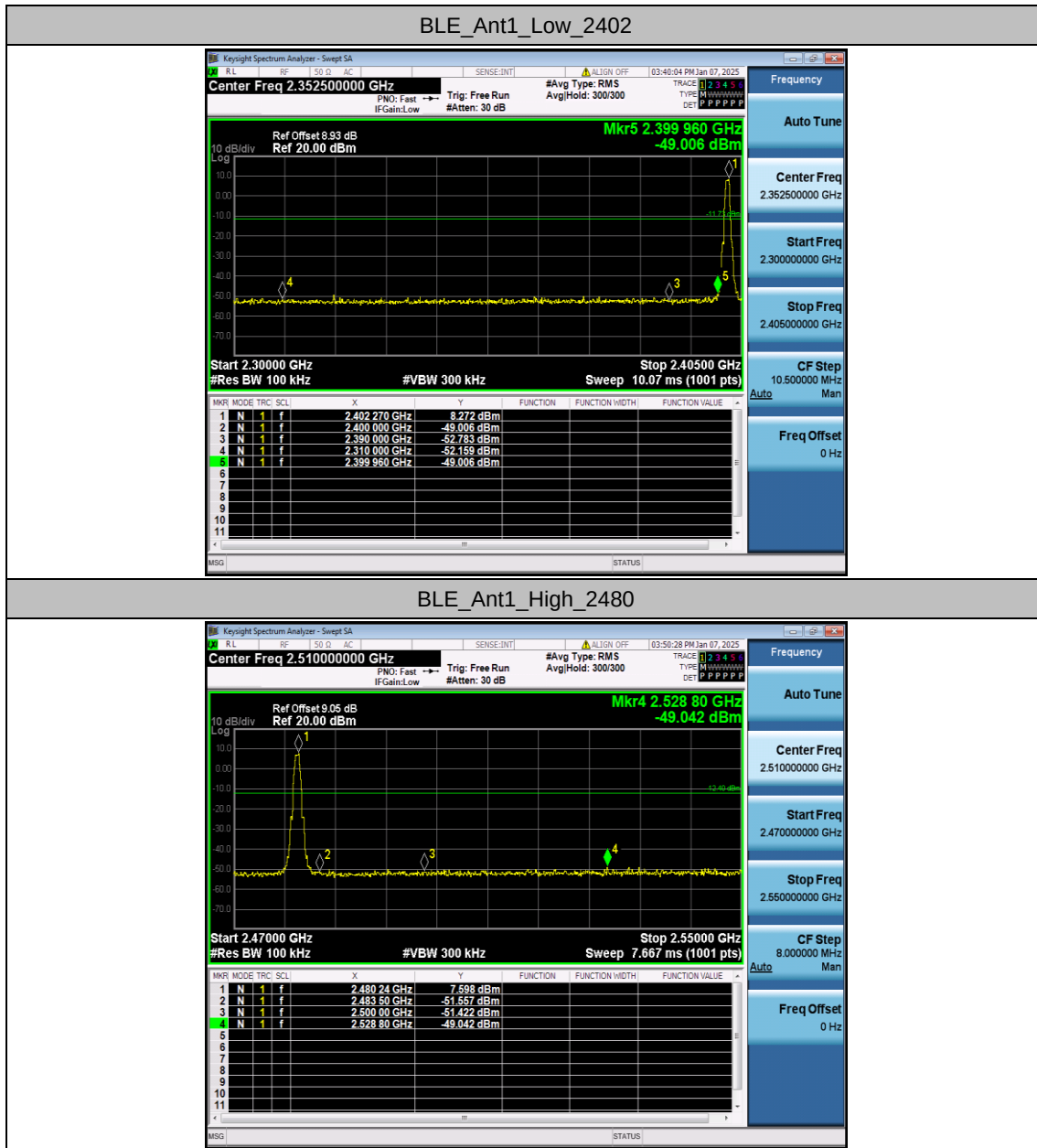


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	8.27	-49.01	≤ -11.73	PASS
		High	2480	7.60	-49.04	≤ -12.4	PASS

Test Graphs

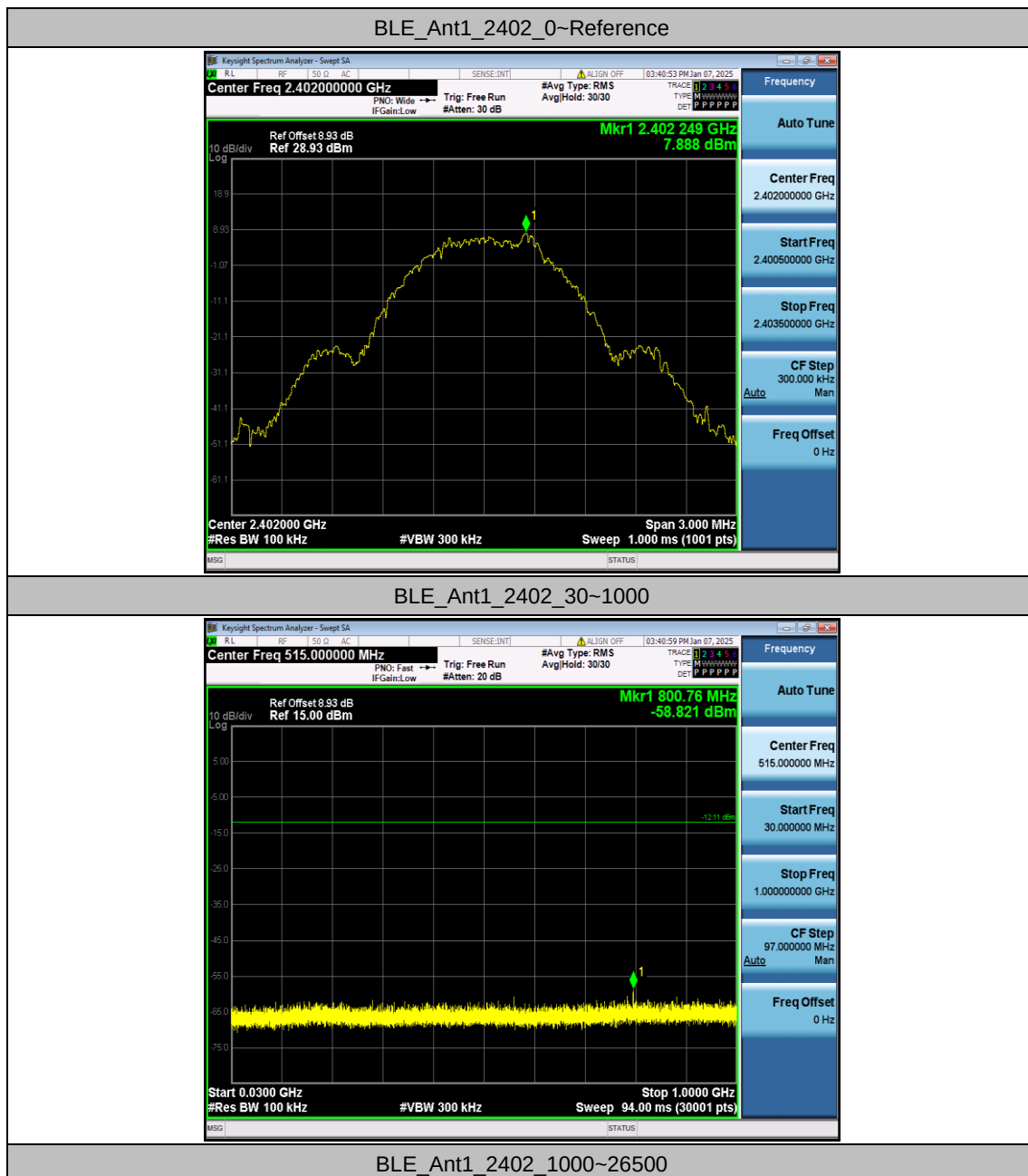


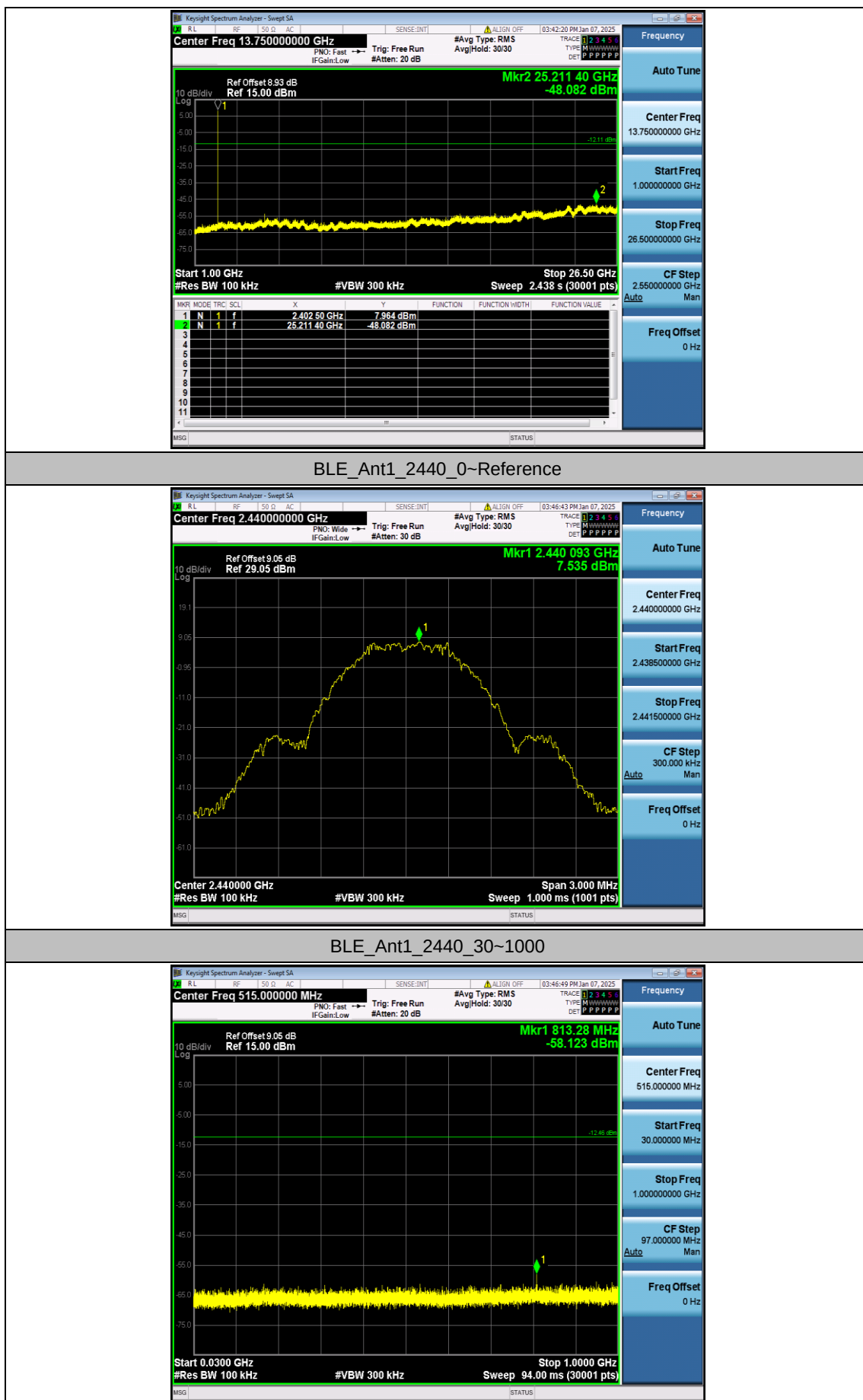
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	7.89	7.89	---	PASS
			30~1000	7.89	-58.82	≤ -12.11	PASS
			1000~26500	7.89	-48.08	≤ -12.11	PASS
		2440	Reference	7.54	7.54	---	PASS
			30~1000	7.54	-58.12	≤ -12.46	PASS
			1000~26500	7.54	-47.32	≤ -12.46	PASS
		2480	Reference	6.77	6.77	---	PASS
			30~1000	6.77	-58.46	≤ -13.23	PASS
			1000~26500	6.77	-47.4	≤ -13.23	PASS

Test Graphs





BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000

