

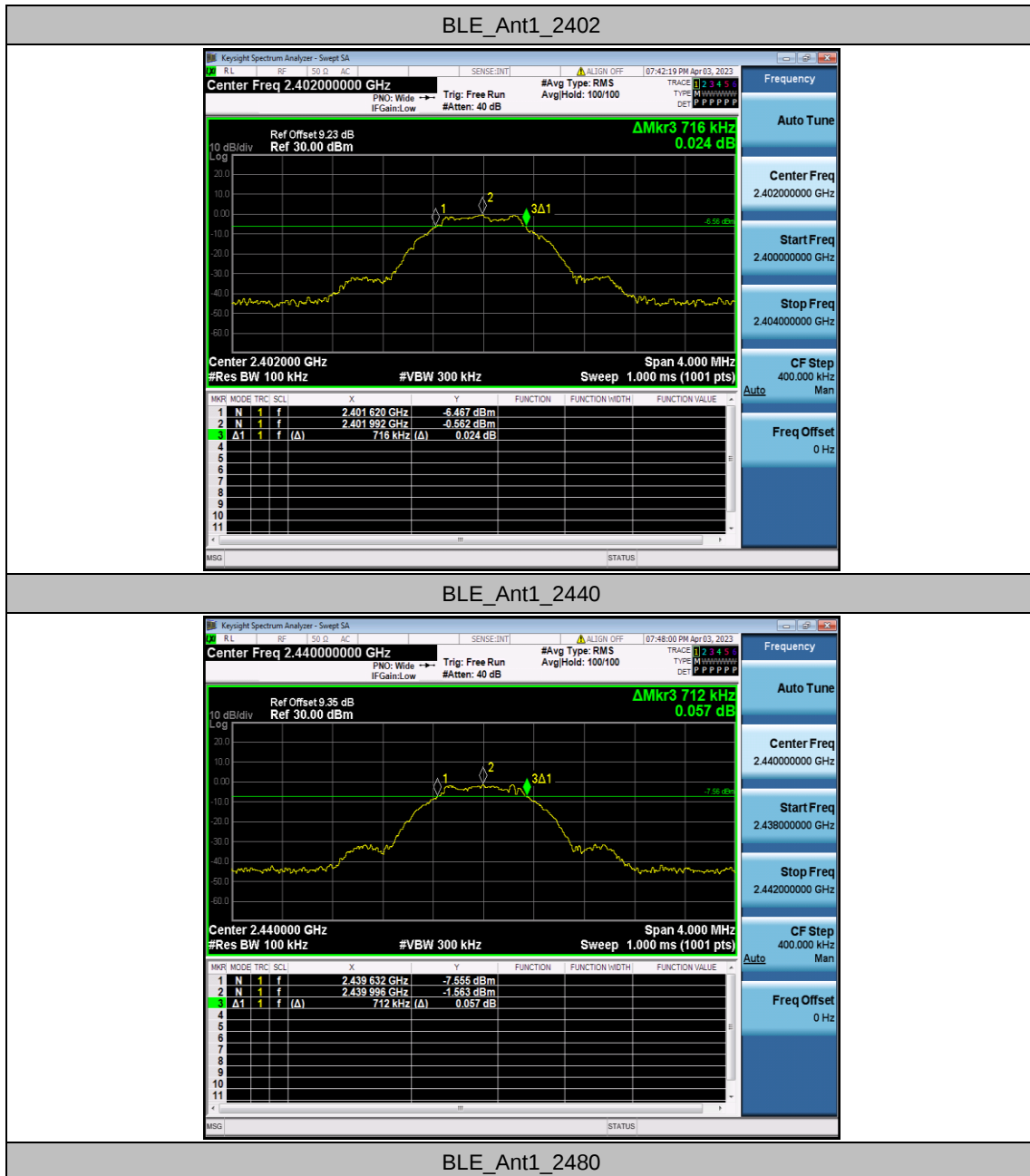
Case No. : <u>GTS20230302021-1-2</u>	
Ambient Condition: <u>23</u> °C, <u>48</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.3</u>	Test Engineer: <u>Jenny zeng</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.716	2401.620	2402.336	0.5	PASS
		2440	0.712	2439.632	2440.344	0.5	PASS
		2480	0.728	2479.616	2480.344	0.5	PASS

Test Graphs



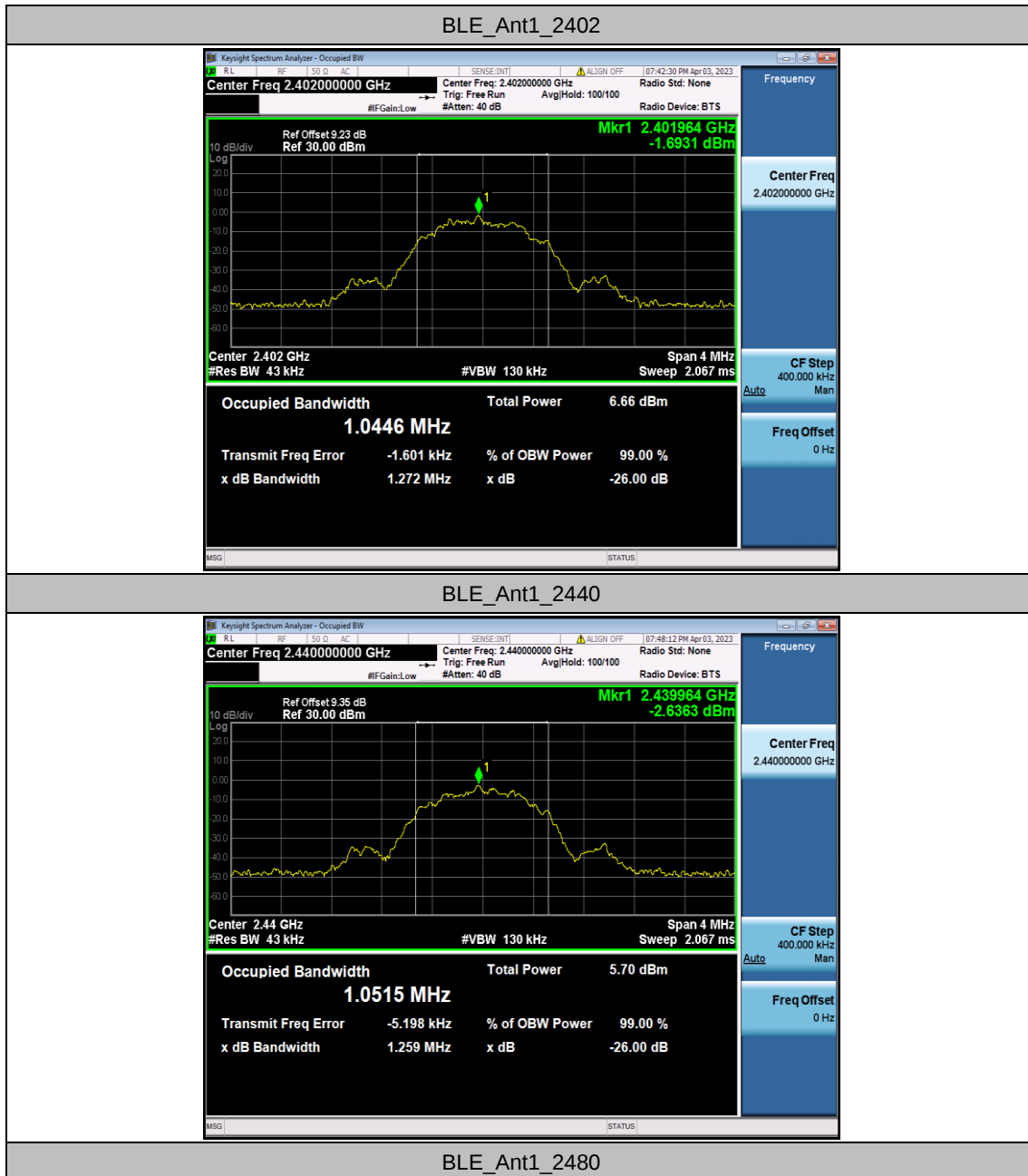


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0446	2401.476	2402.521	---	---
		2440	1.0515	2439.469	2440.521	---	---
		2480	1.0474	2479.471	2480.518	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

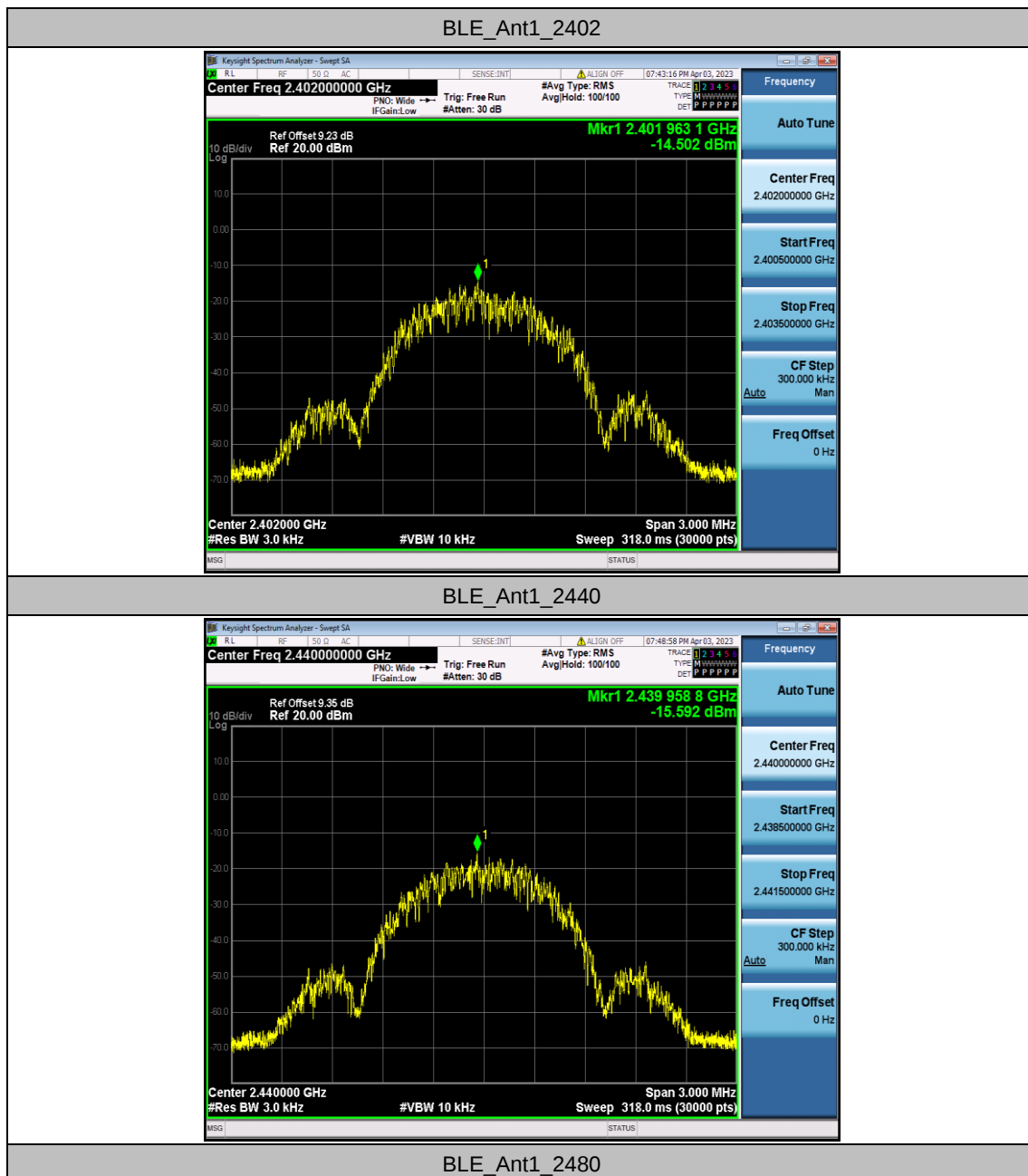
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	0.41	≤30	PASS
		2440	-0.53	≤30	PASS
		2480	1.17	≤30	PASS

Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-14.5	≤8.00	PASS
		2440	-15.59	≤8.00	PASS
		2480	-14.24	≤8.00	PASS

Test Graphs



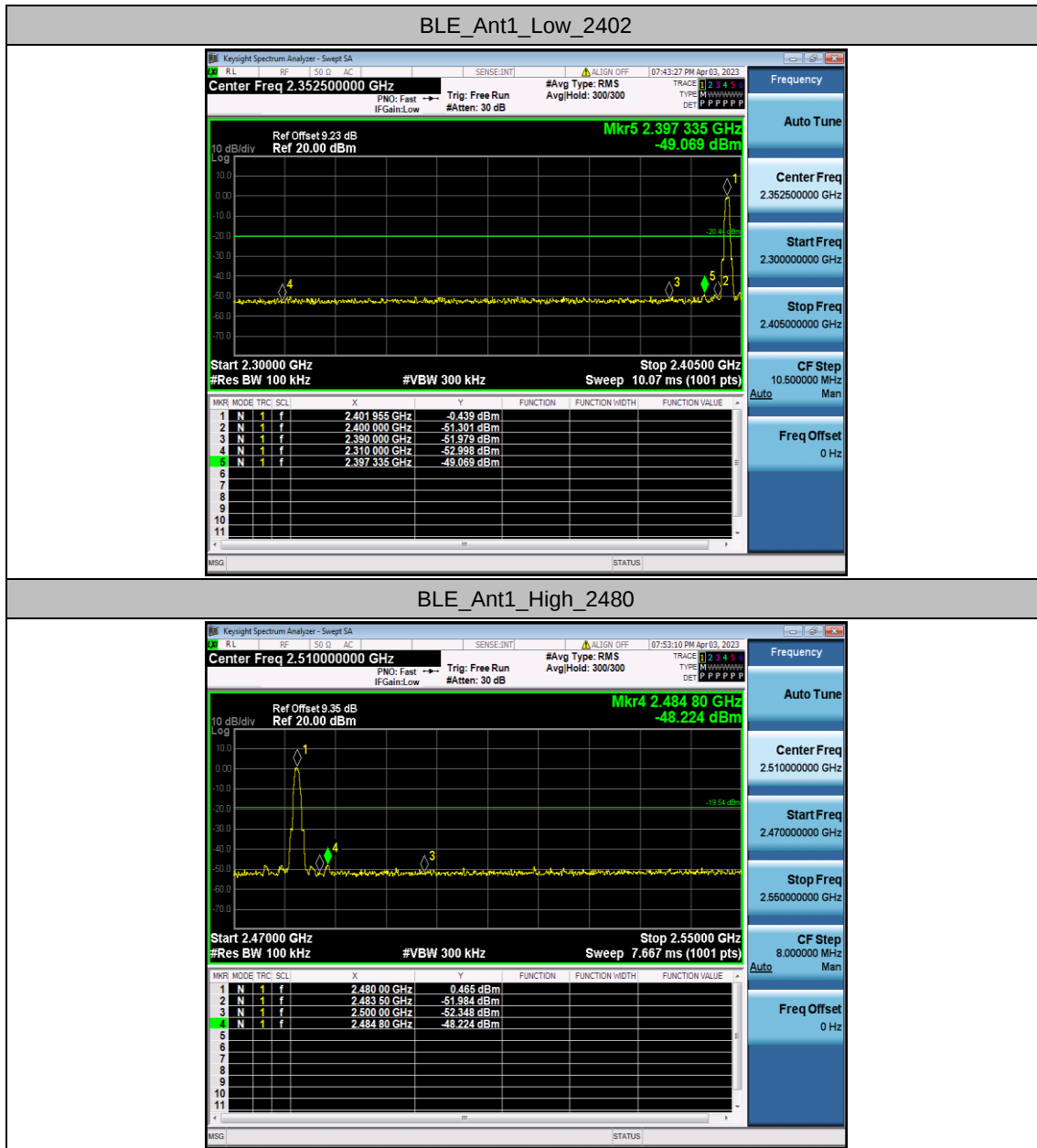


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	-0.44	-49.07	≤-20.44	PASS
		High	2480	0.47	-48.22	≤-19.54	PASS

Test Graphs

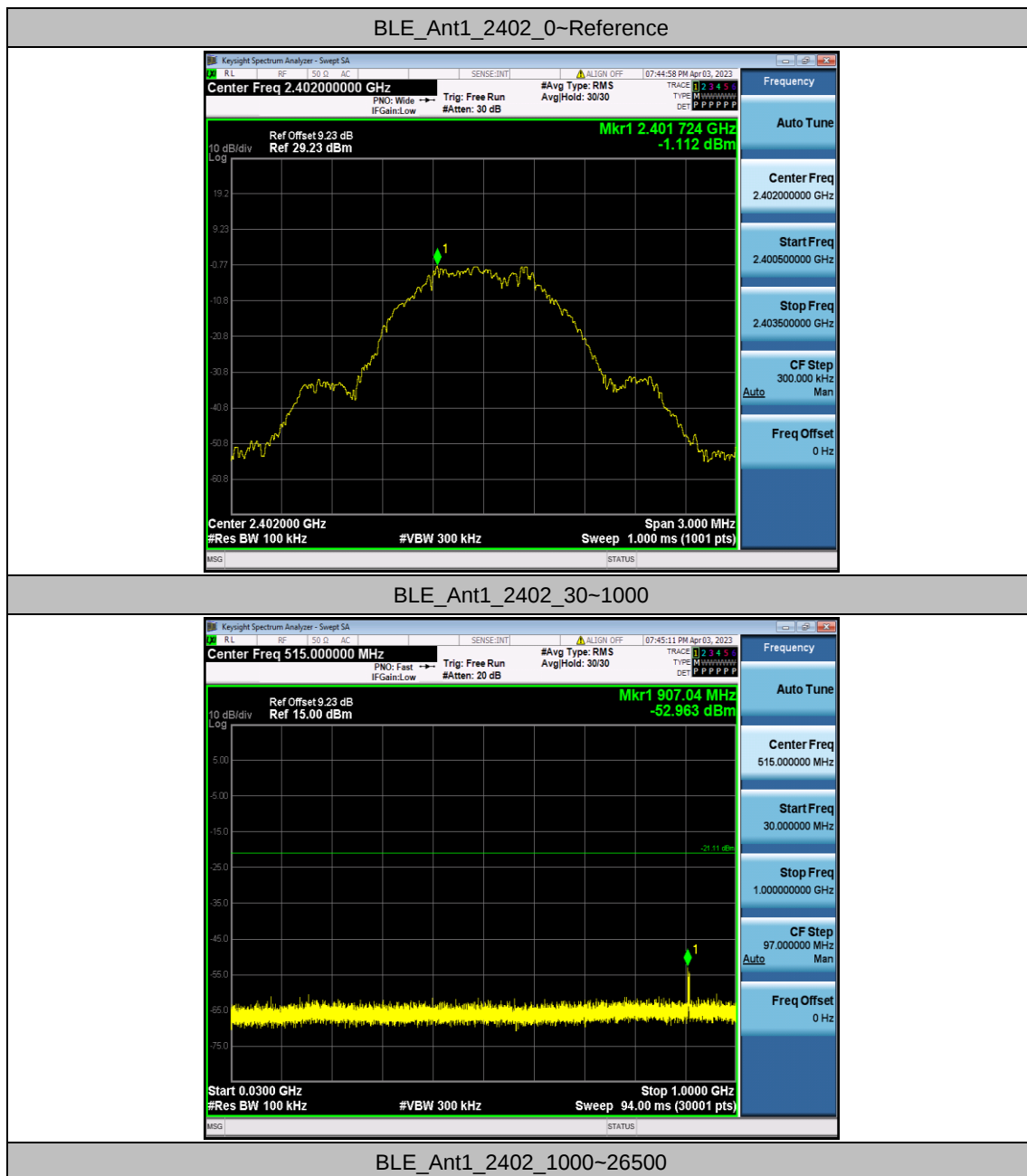


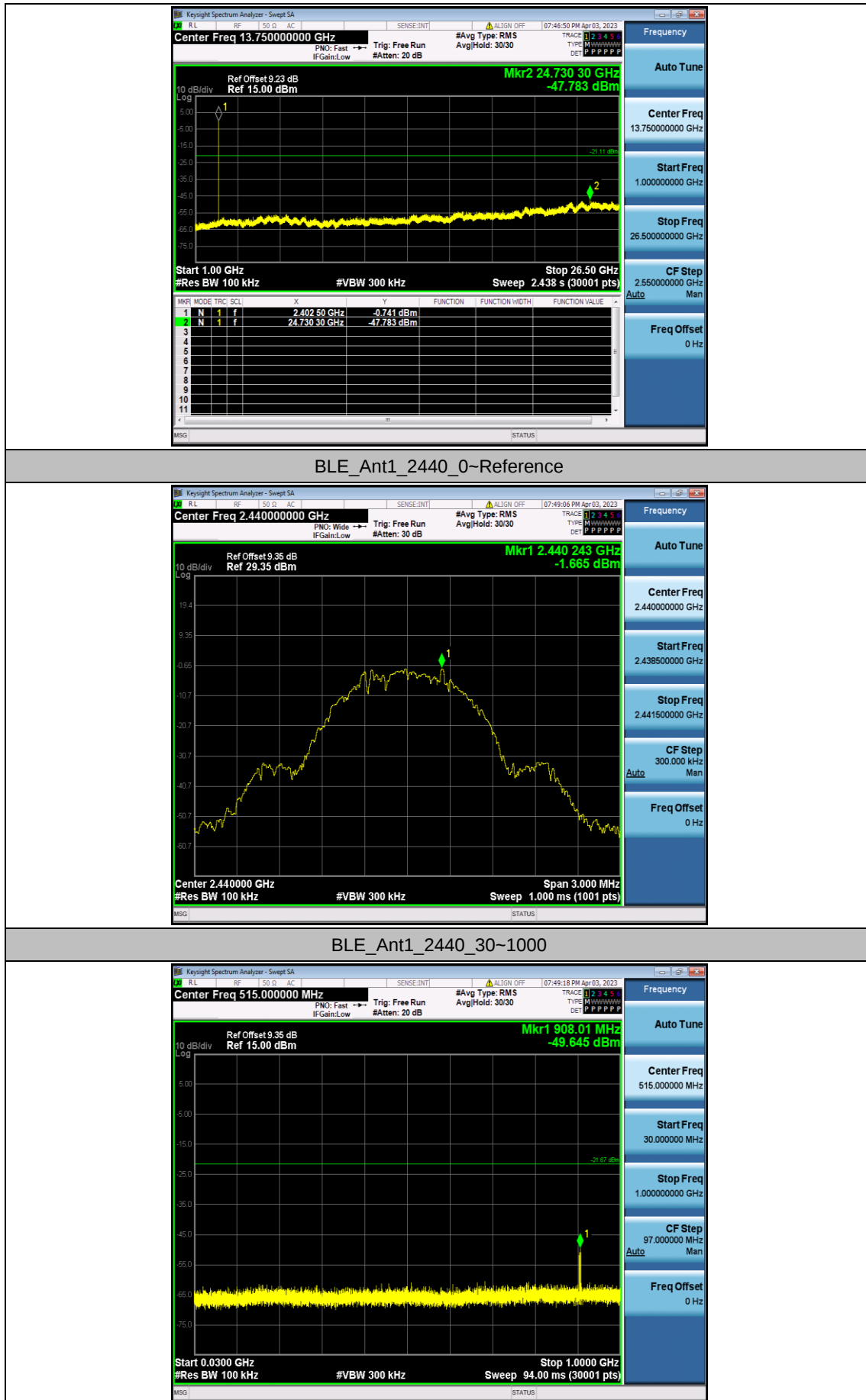
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	-1.11	-1.11	---	PASS
			30~1000	-1.11	-52.96	≤ -21.11	PASS
			1000~26500	-1.11	-47.78	≤ -21.11	PASS
		2440	Reference	-1.67	-1.67	---	PASS
			30~1000	-1.67	-49.65	≤ -21.67	PASS
			1000~26500	-1.67	-47.46	≤ -21.67	PASS
		2480	Reference	0.16	0.16	---	PASS
			30~1000	0.16	-60.63	≤ -19.84	PASS
			1000~26500	0.16	-47.45	≤ -19.84	PASS

Test Graphs





BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000

