

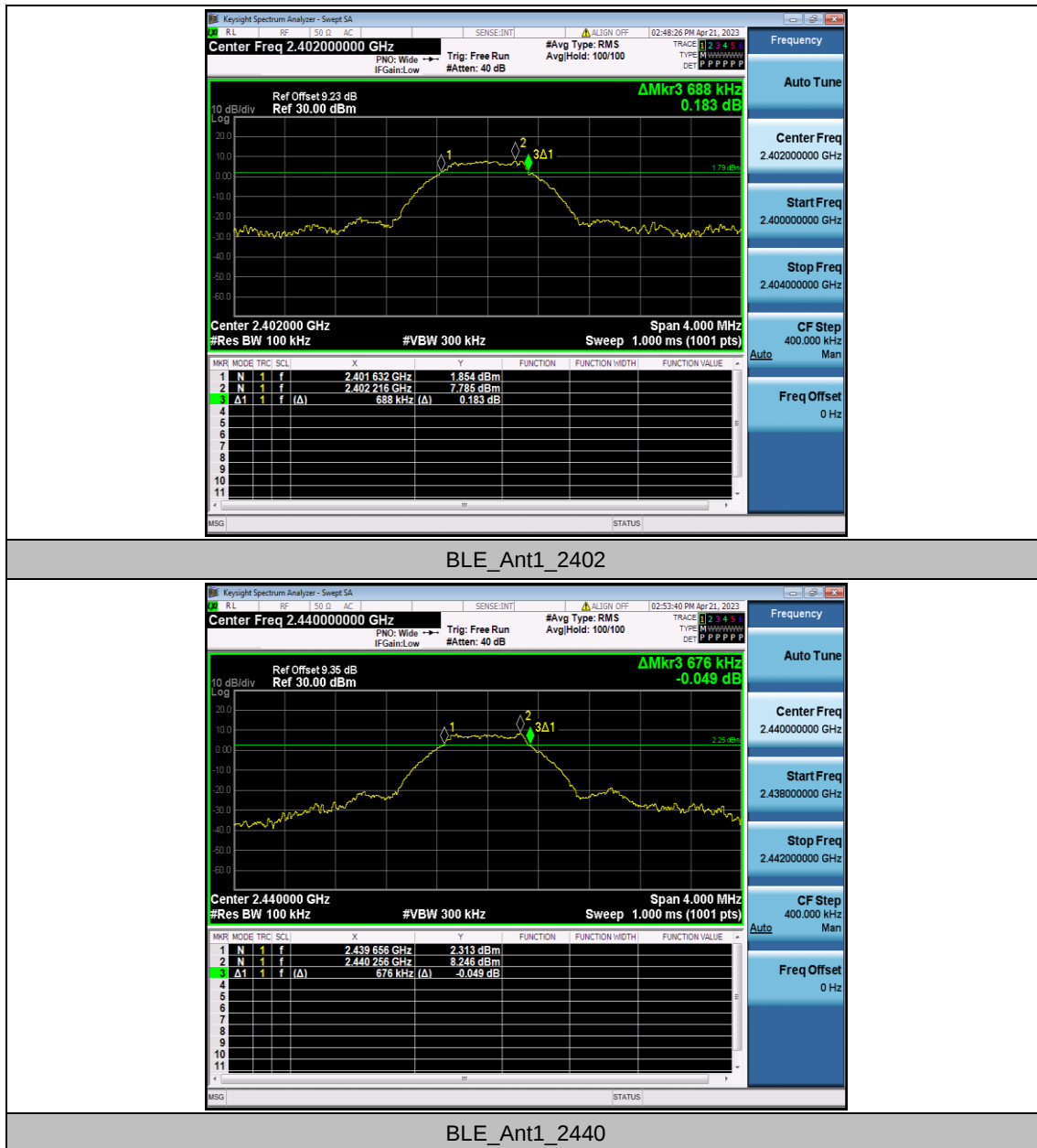
Case No. : <u>GTS20230302010-1-10</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.18</u>	Test Engineer: <u>Jenny zeng</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.688	2401.632	2402.320	0.5	PASS
		2440	0.676	2439.656	2440.332	0.5	PASS
		2480	0.692	2479.636	2480.328	0.5	PASS

Test Graphs



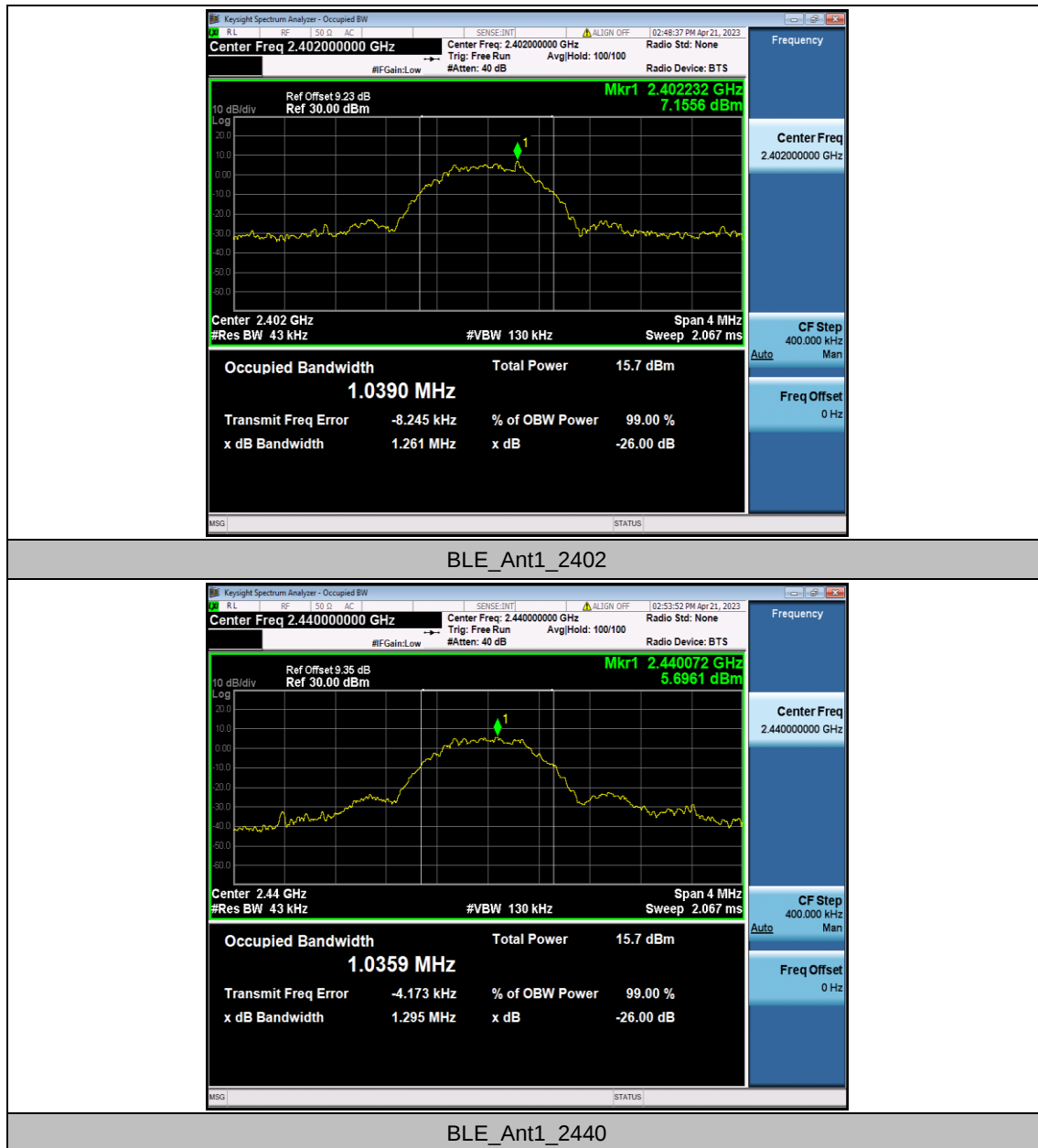


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0390	2401.472	2402.511	---	---
		2440	1.0359	2439.478	2440.514	---	---
		2480	1.0536	2479.466	2480.519	---	---

Test Graphs



Appendix B.3: Maximum conducted output power

Test Result Peak

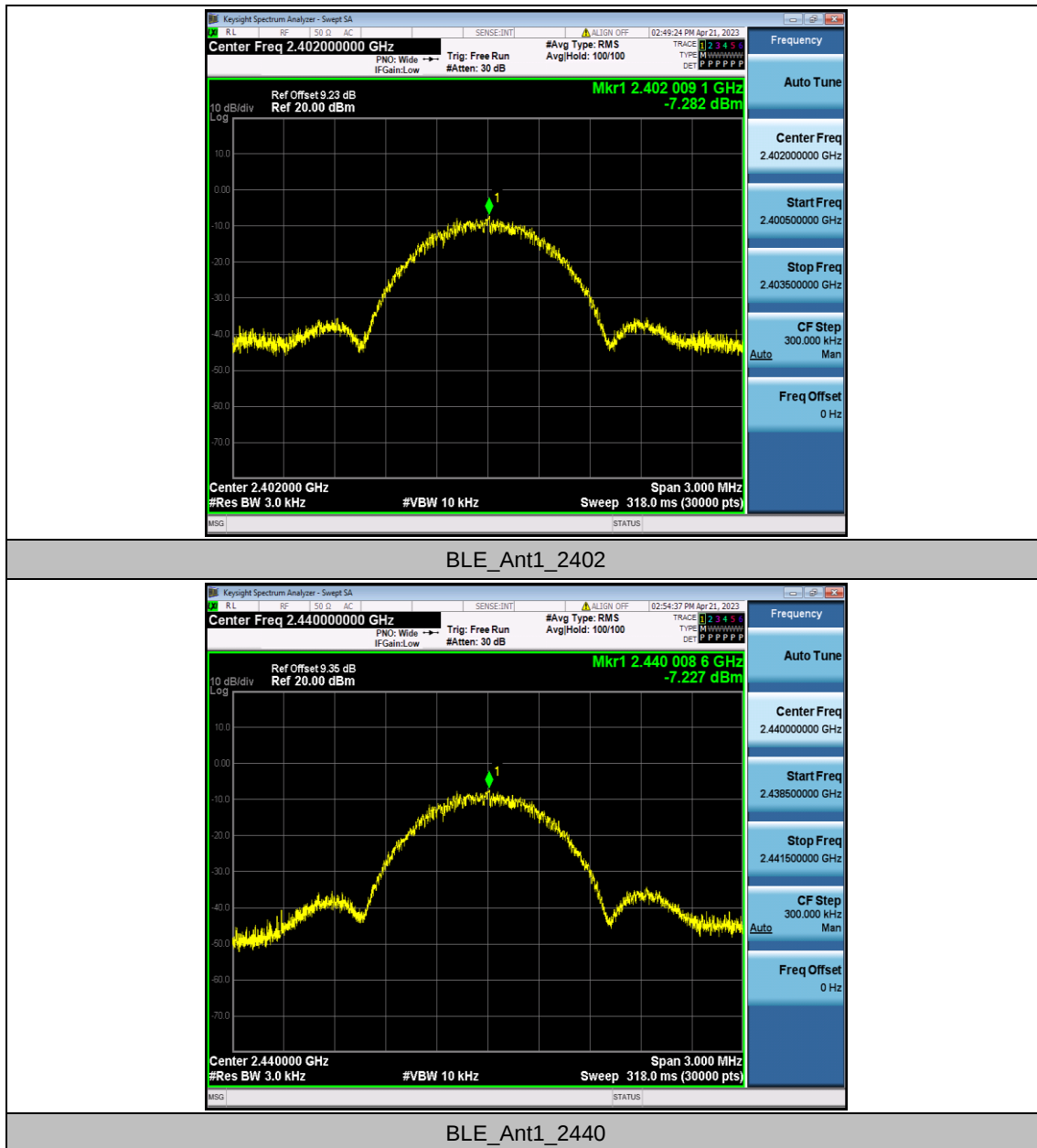
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	8.70	≤30	PASS
		2440	8.82	≤30	PASS
		2480	8.64	≤30	PASS

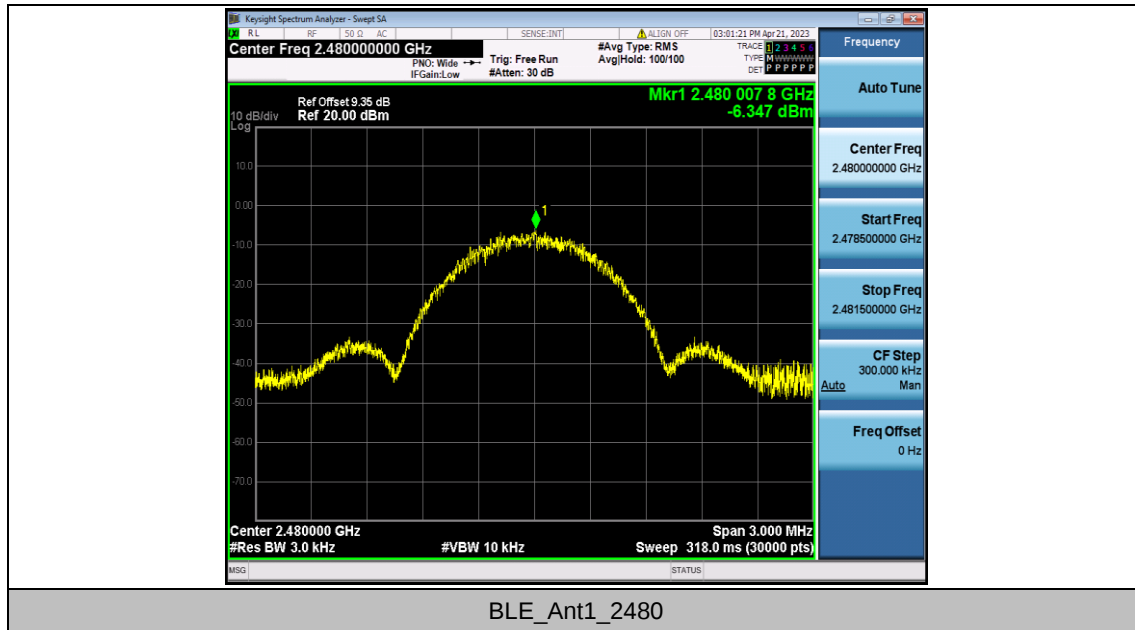
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-7.28	≤8.00	PASS
		2440	-7.23	≤8.00	PASS
		2480	-6.35	≤8.00	PASS

Test Graphs



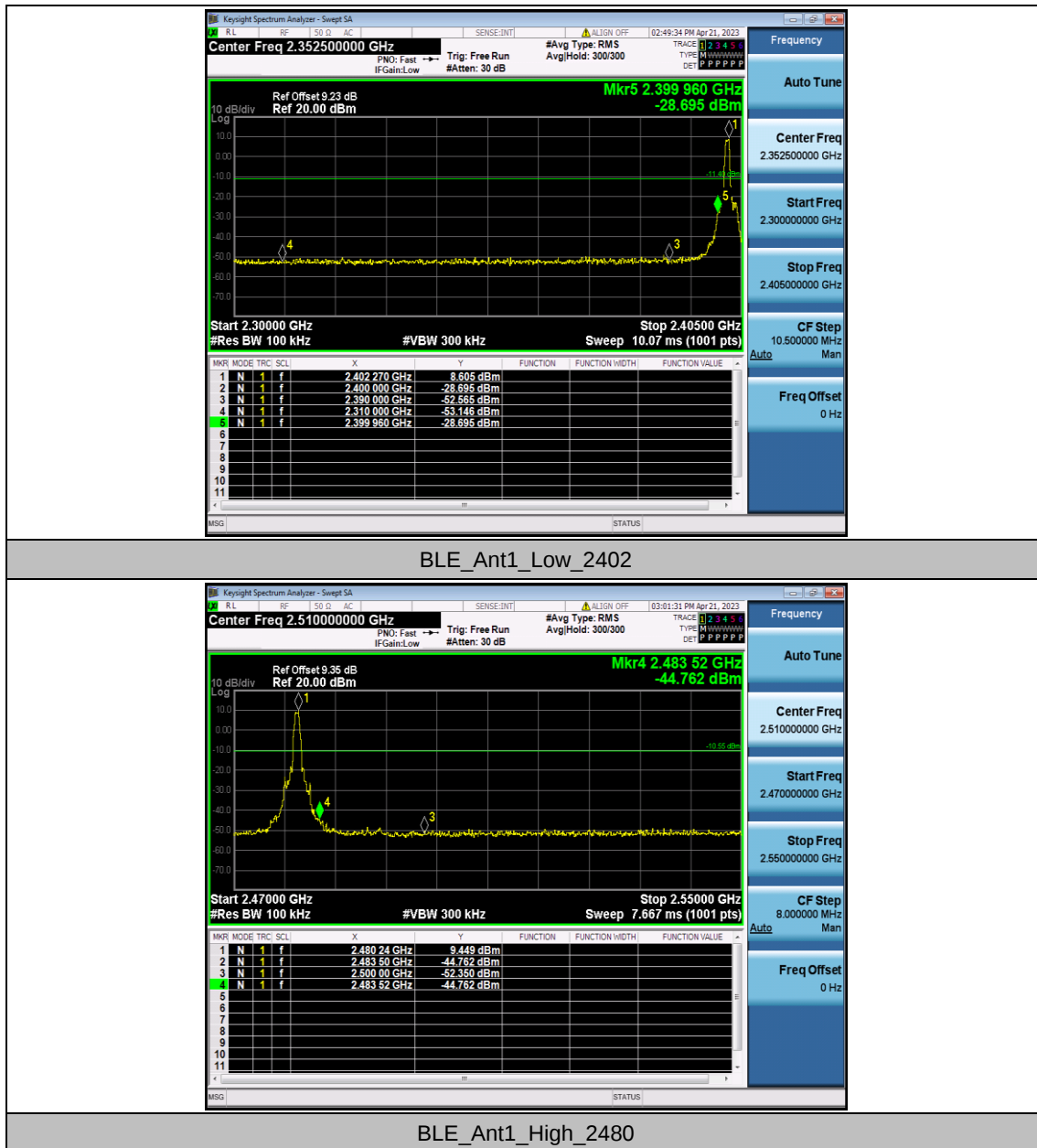


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	8.61	-28.7	≤ -11.4	PASS
		High	2480	9.45	-44.76	≤ -10.55	PASS

Test Graphs

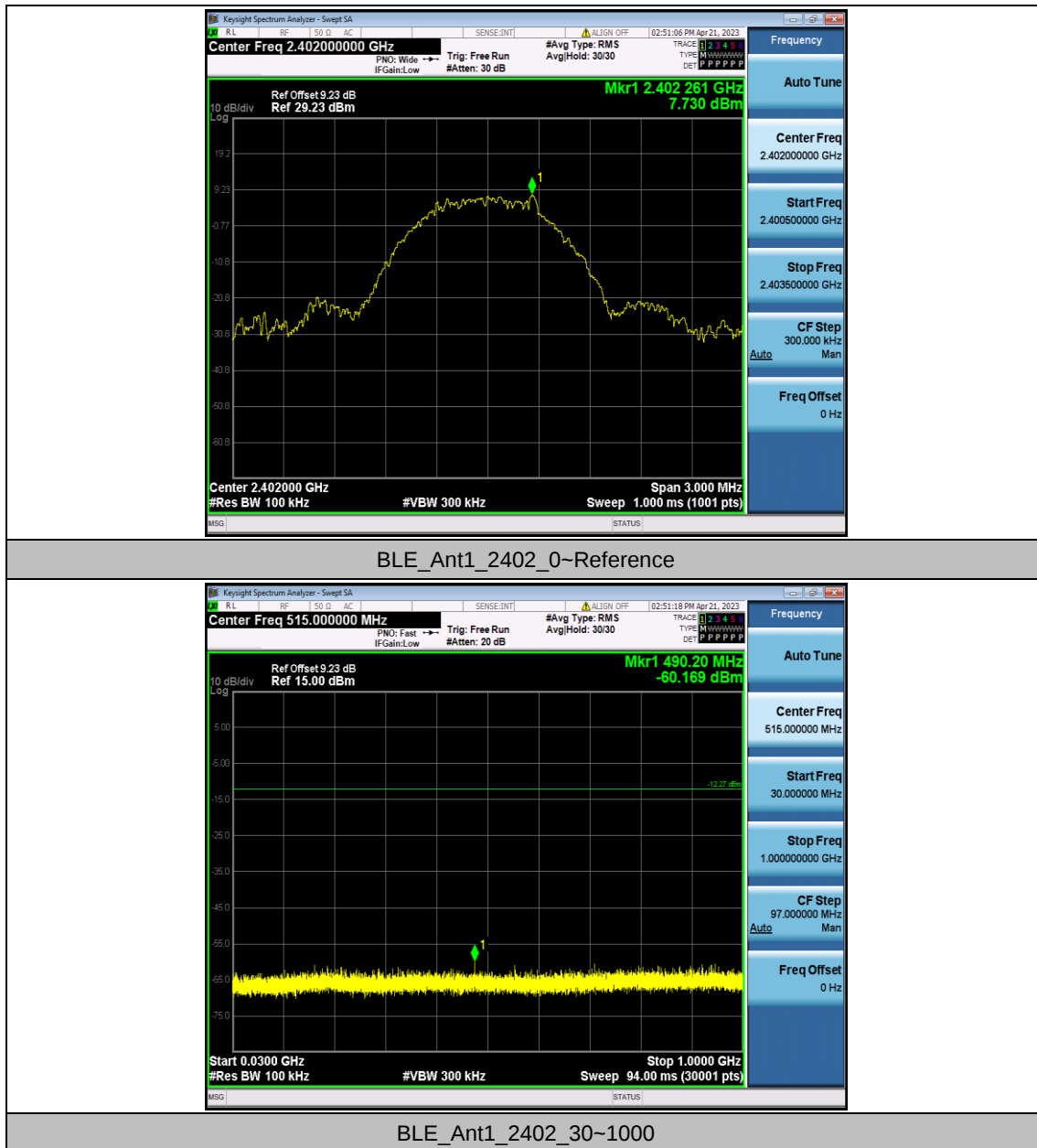


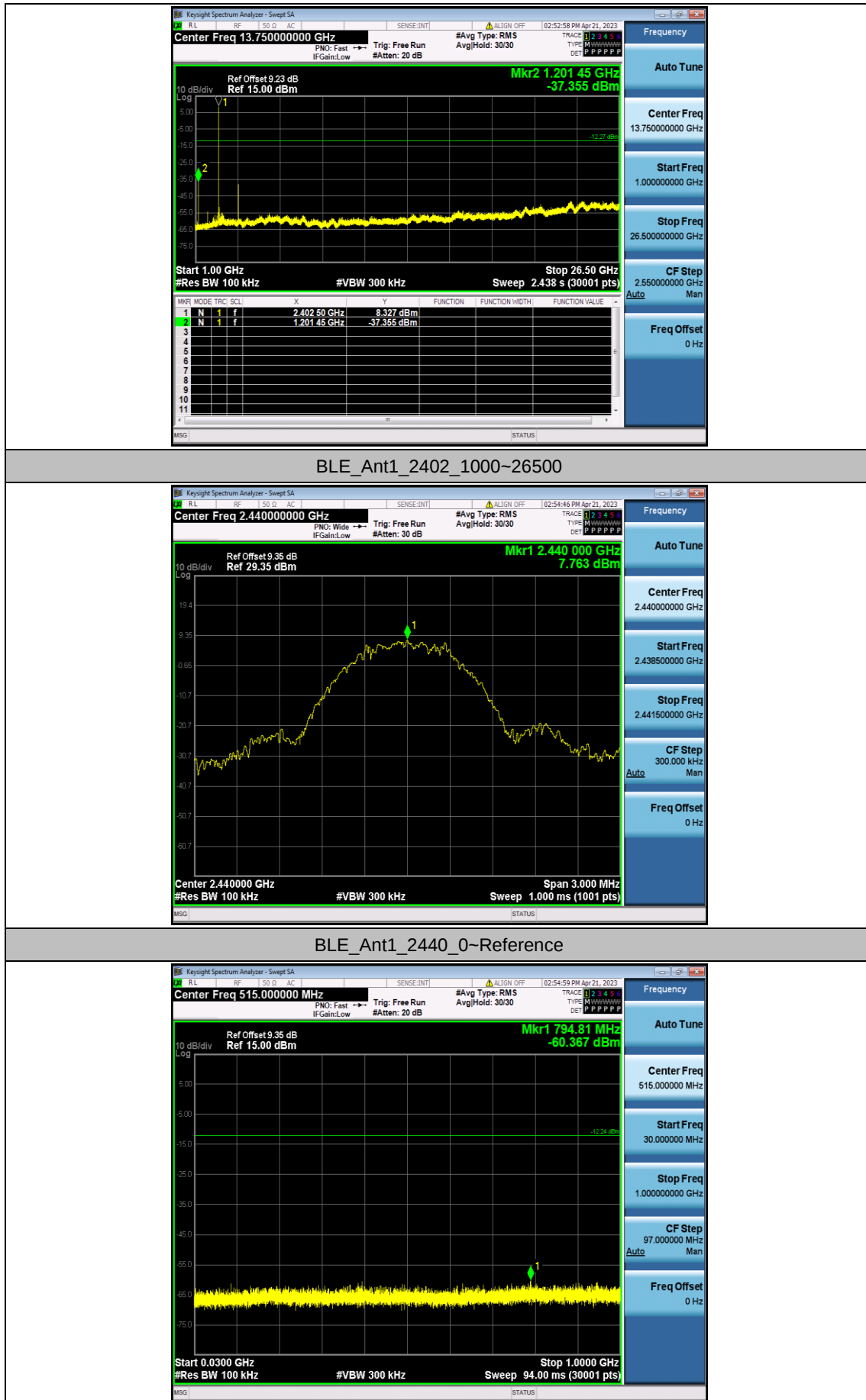
Appendix B.6: Conducted Spurious Emission

Test Result

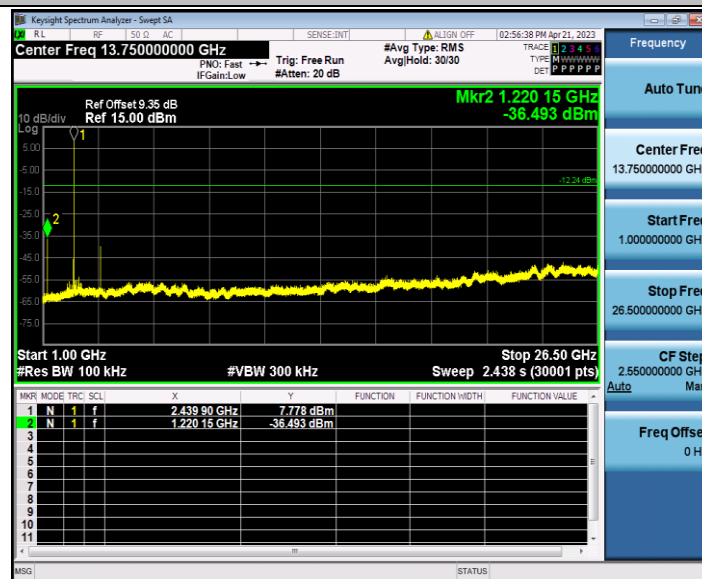
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	7.73	7.73	---	PASS
			30~1000	7.73	-60.17	≤ -12.27	PASS
			1000~26500	7.73	-37.36	≤ -12.27	PASS
		2440	Reference	7.76	7.76	---	PASS
			30~1000	7.76	-60.37	≤ -12.24	PASS
			1000~26500	7.76	-36.49	≤ -12.24	PASS
		2480	Reference	8.40	8.40	---	PASS
			30~1000	8.40	-59.73	≤ -11.6	PASS
			1000~26500	8.40	-37.56	≤ -11.6	PASS

Test Graphs





BLE_Ant1_2440_30~1000



BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference

