

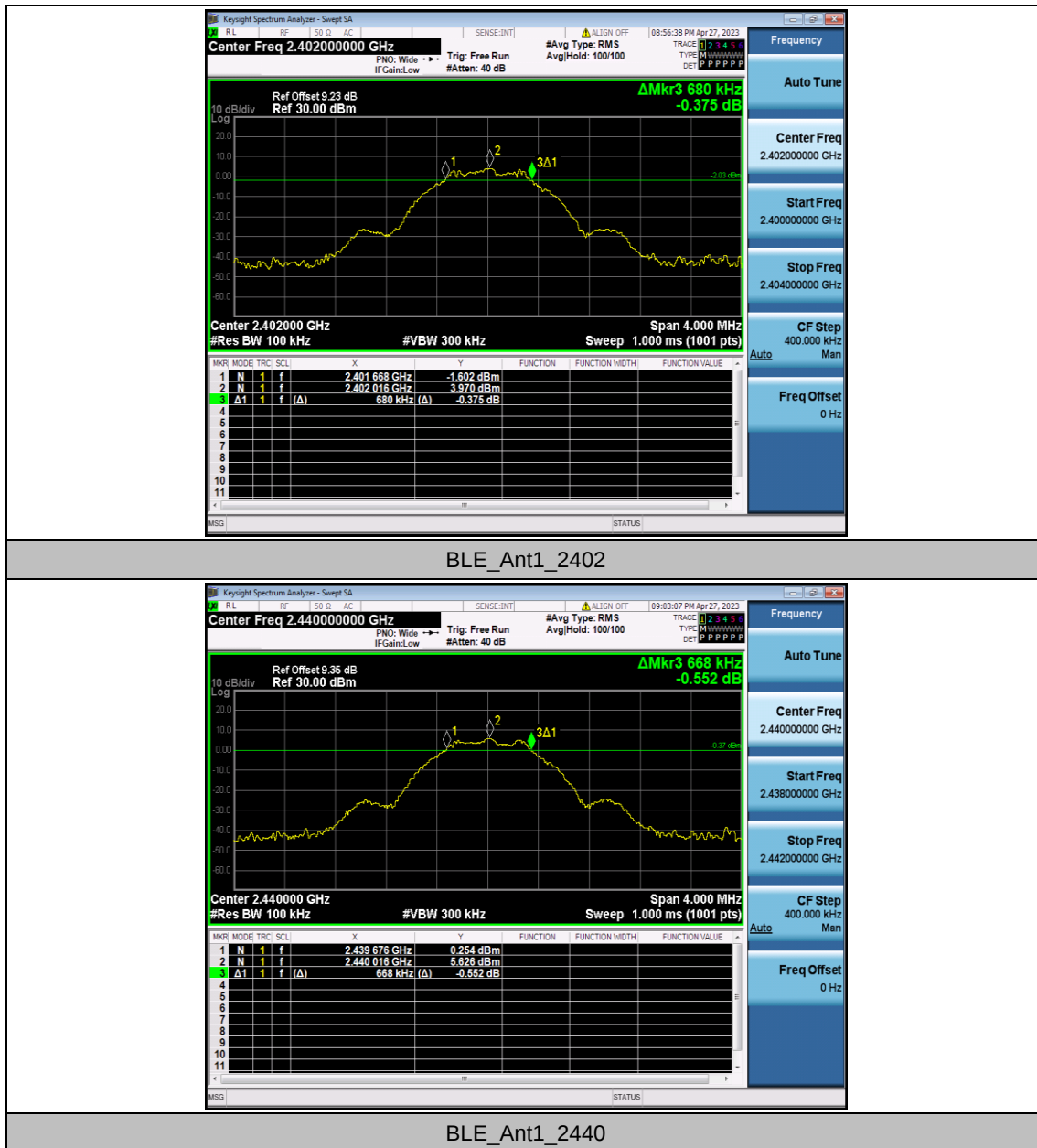
Case No. : <u>GTS20230420011-1-2</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.25</u>	Test Engineer: <u>Jenny zeng</u>

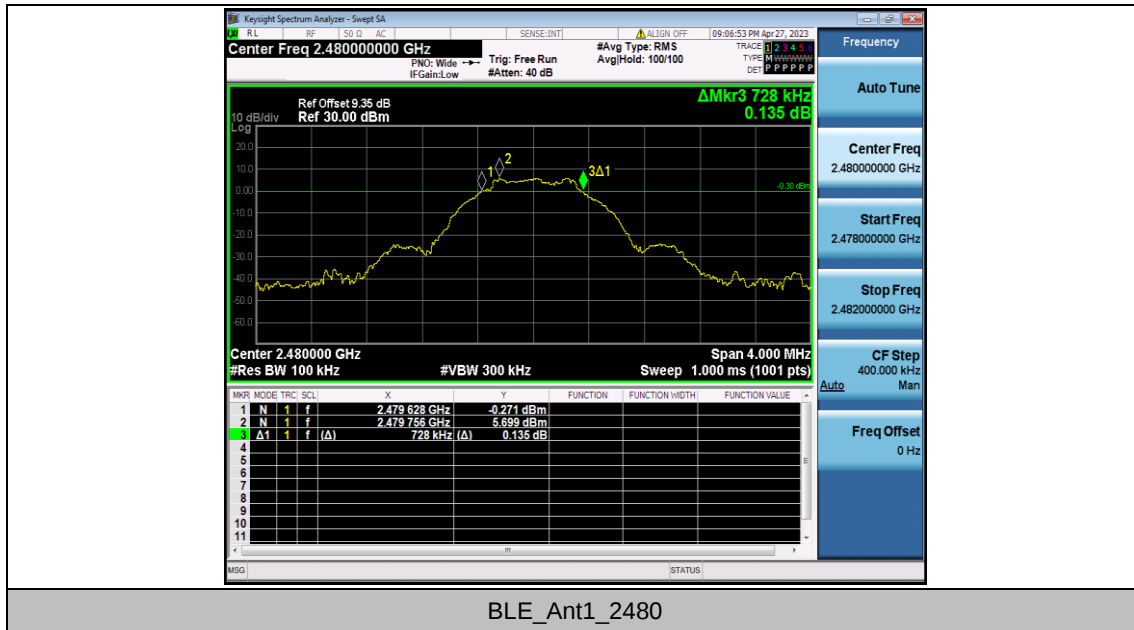
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.680	2401.668	2402.348	0.5	PASS
		2440	0.668	2439.676	2440.344	0.5	PASS
		2480	0.728	2479.628	2480.356	0.5	PASS

Test Graphs



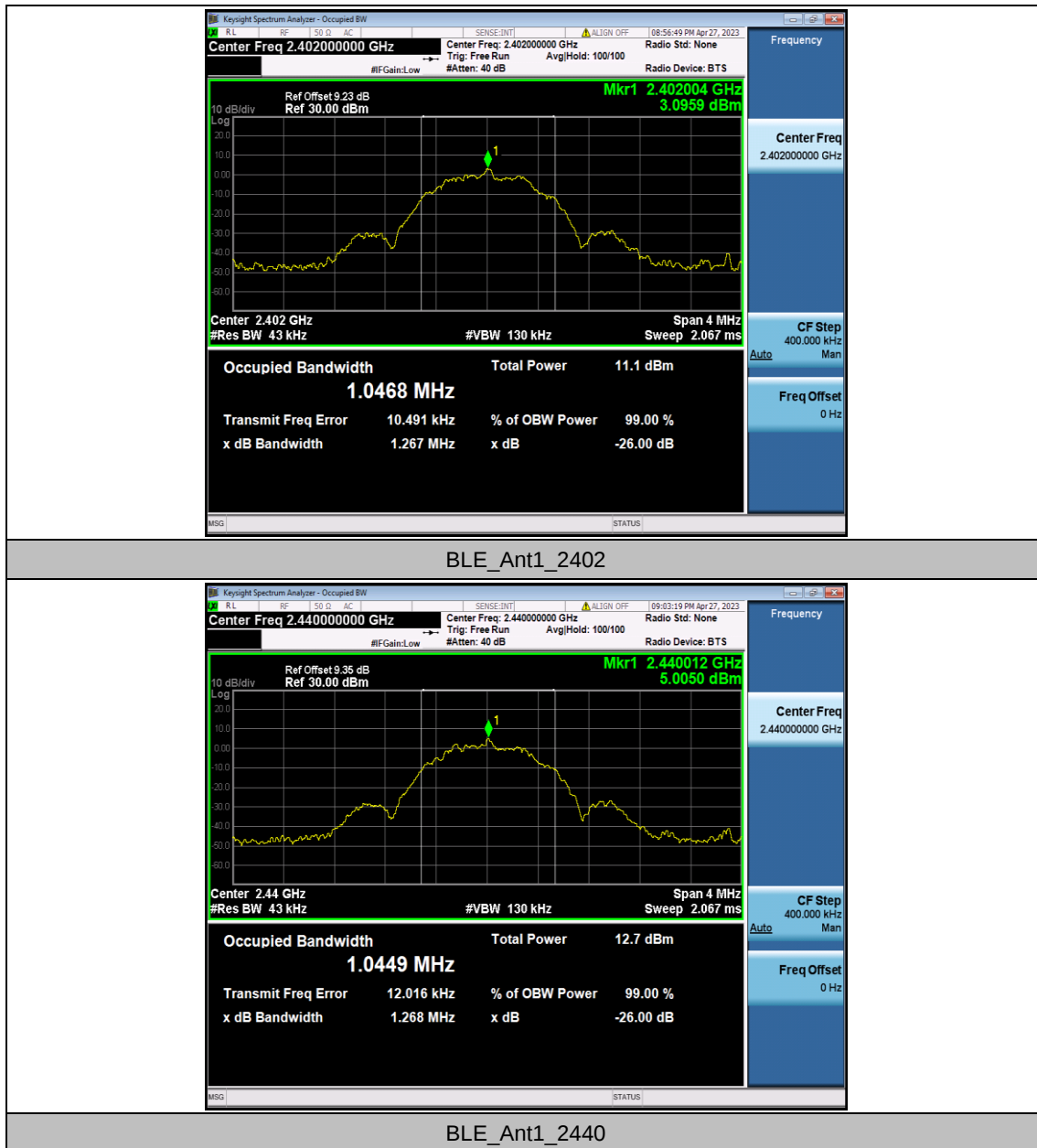


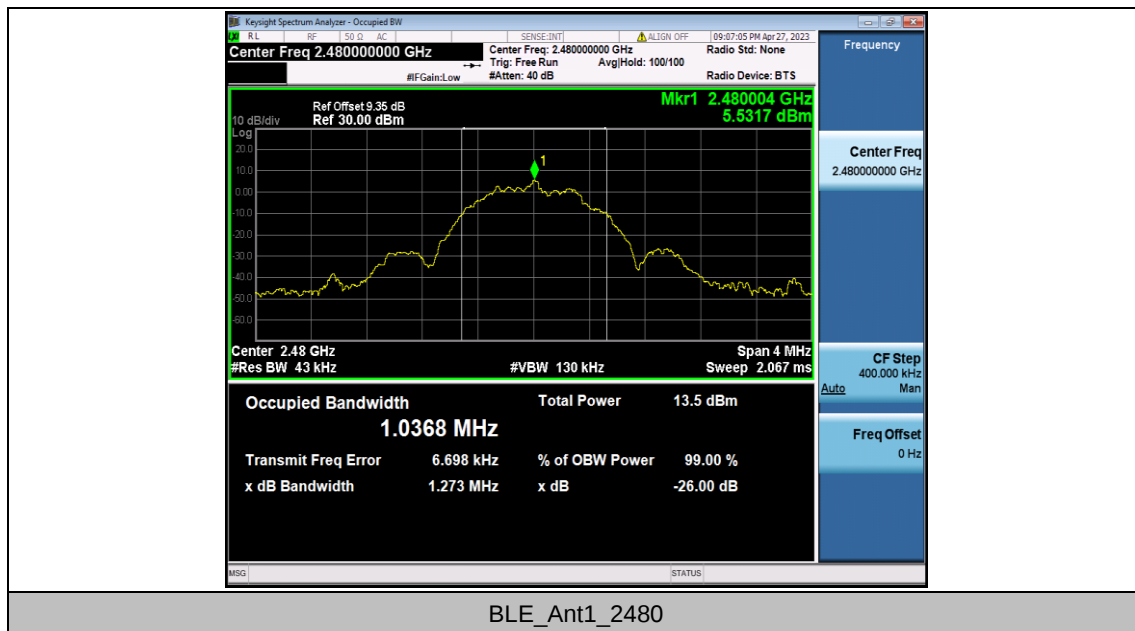
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0468	2401.487	2402.534	---	---
		2440	1.0449	2439.490	2440.534	---	---
		2480	1.0368	2479.488	2480.525	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

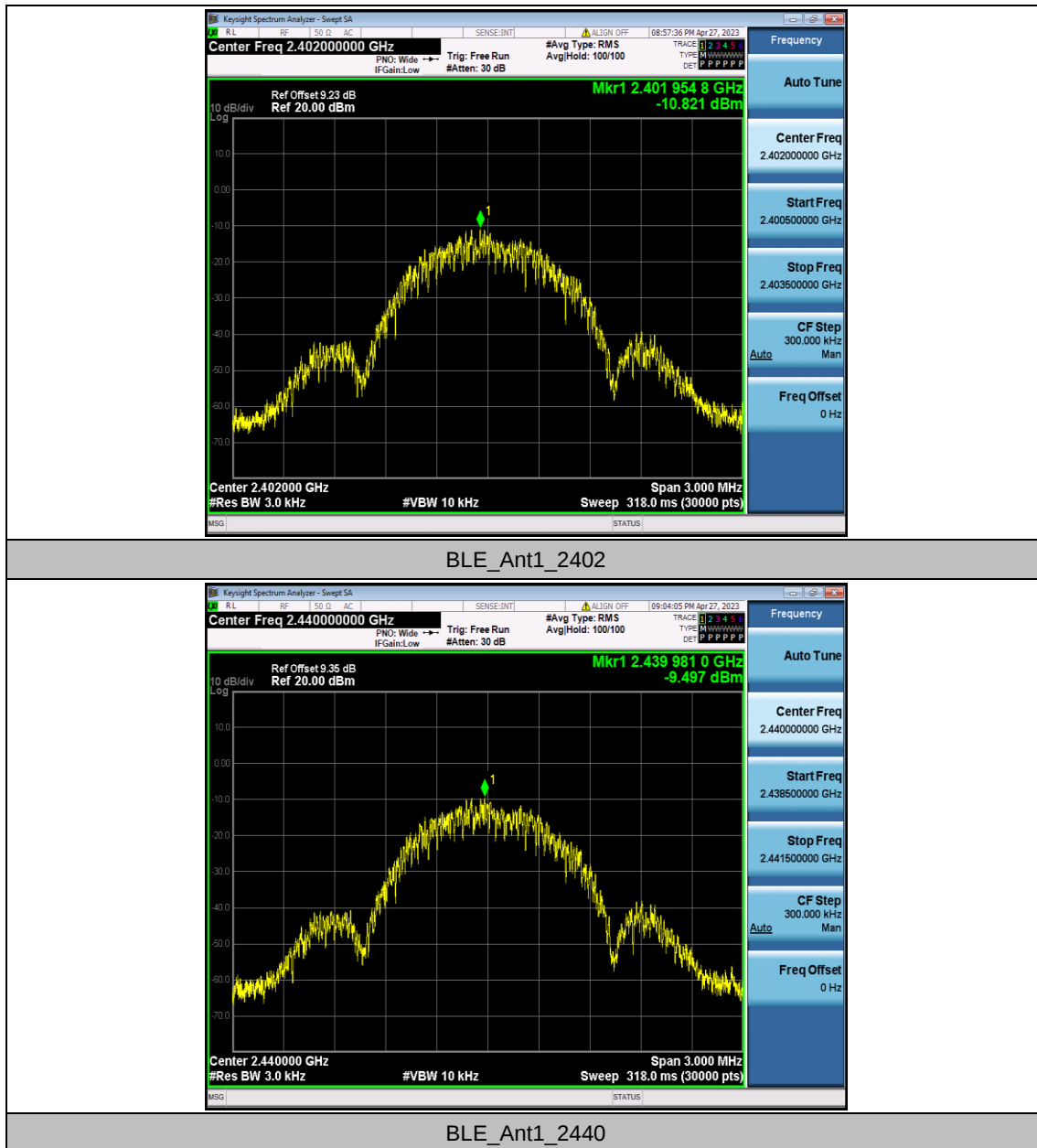
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	4.44	≤30	PASS
		2440	5.99	≤30	PASS
		2480	6.71	≤30	PASS

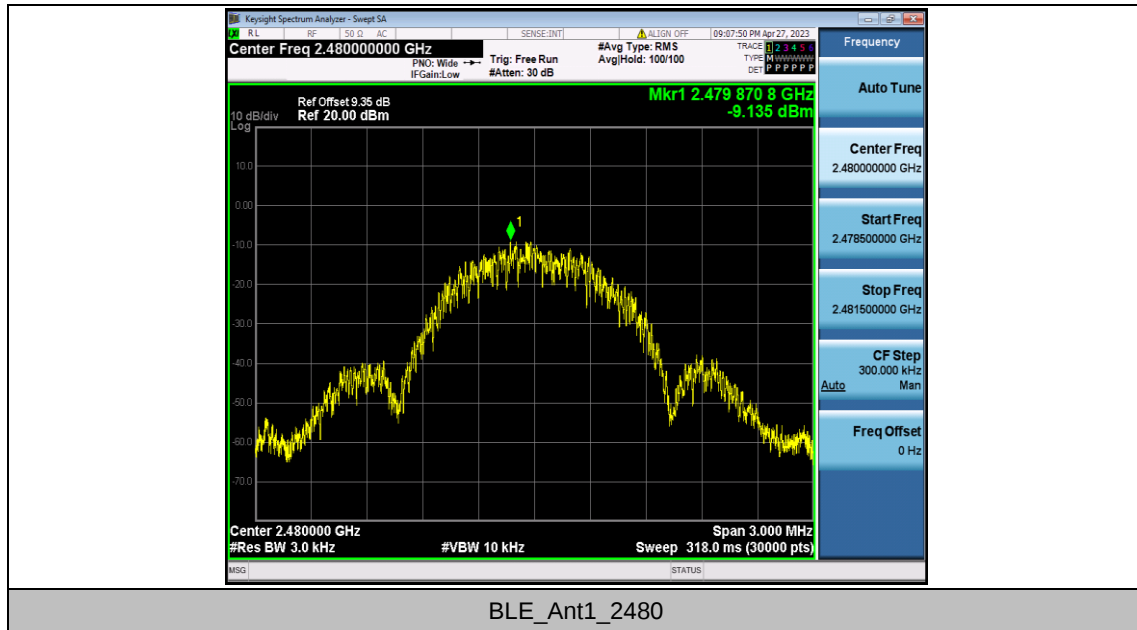
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-10.82	≤8.00	PASS
		2440	-9.5	≤8.00	PASS
		2480	-9.14	≤8.00	PASS

Test Graphs



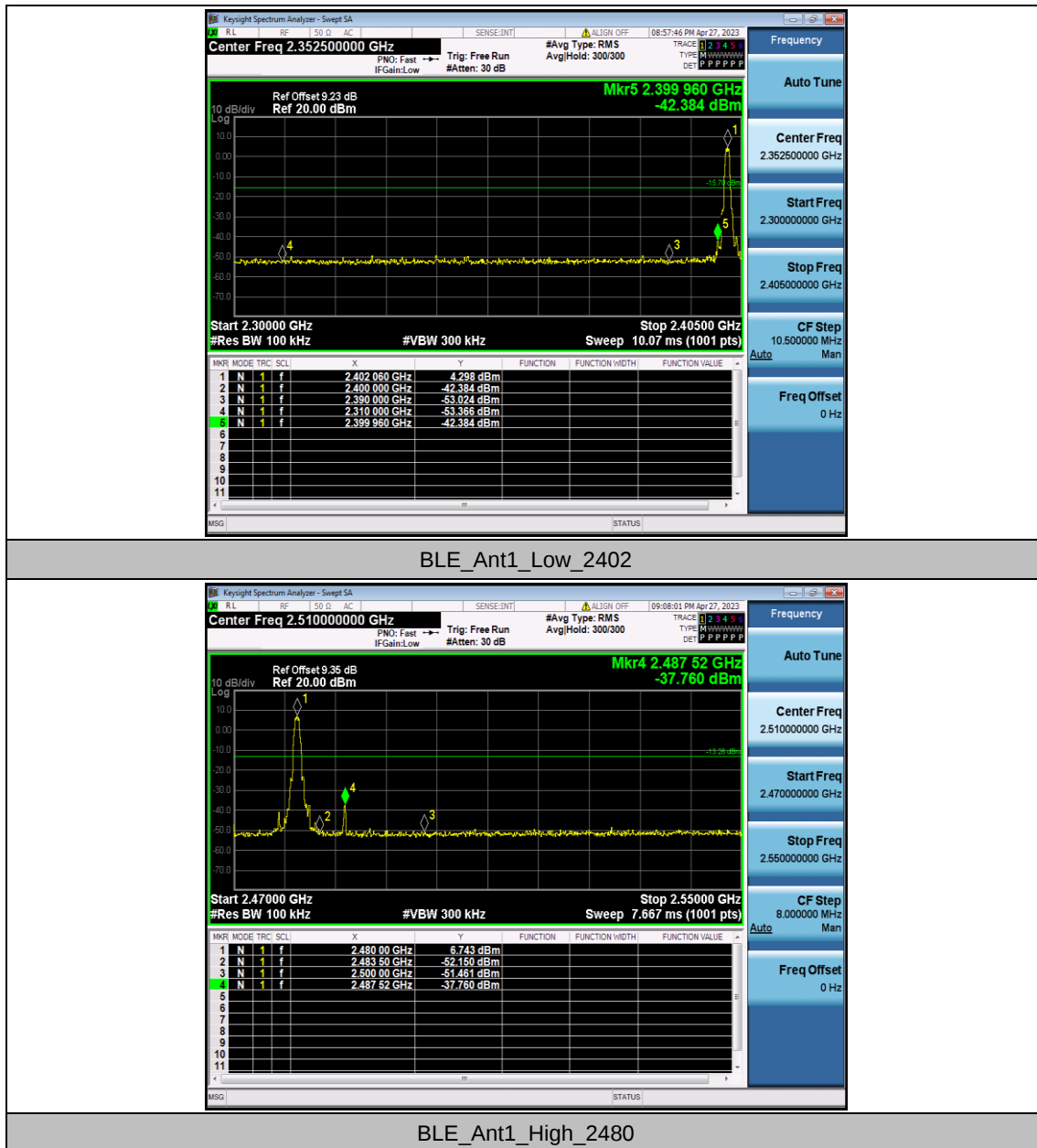


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	4.30	-42.38	≤ -15.7	PASS
		High	2480	6.74	-37.76	≤ -13.26	PASS

Test Graphs

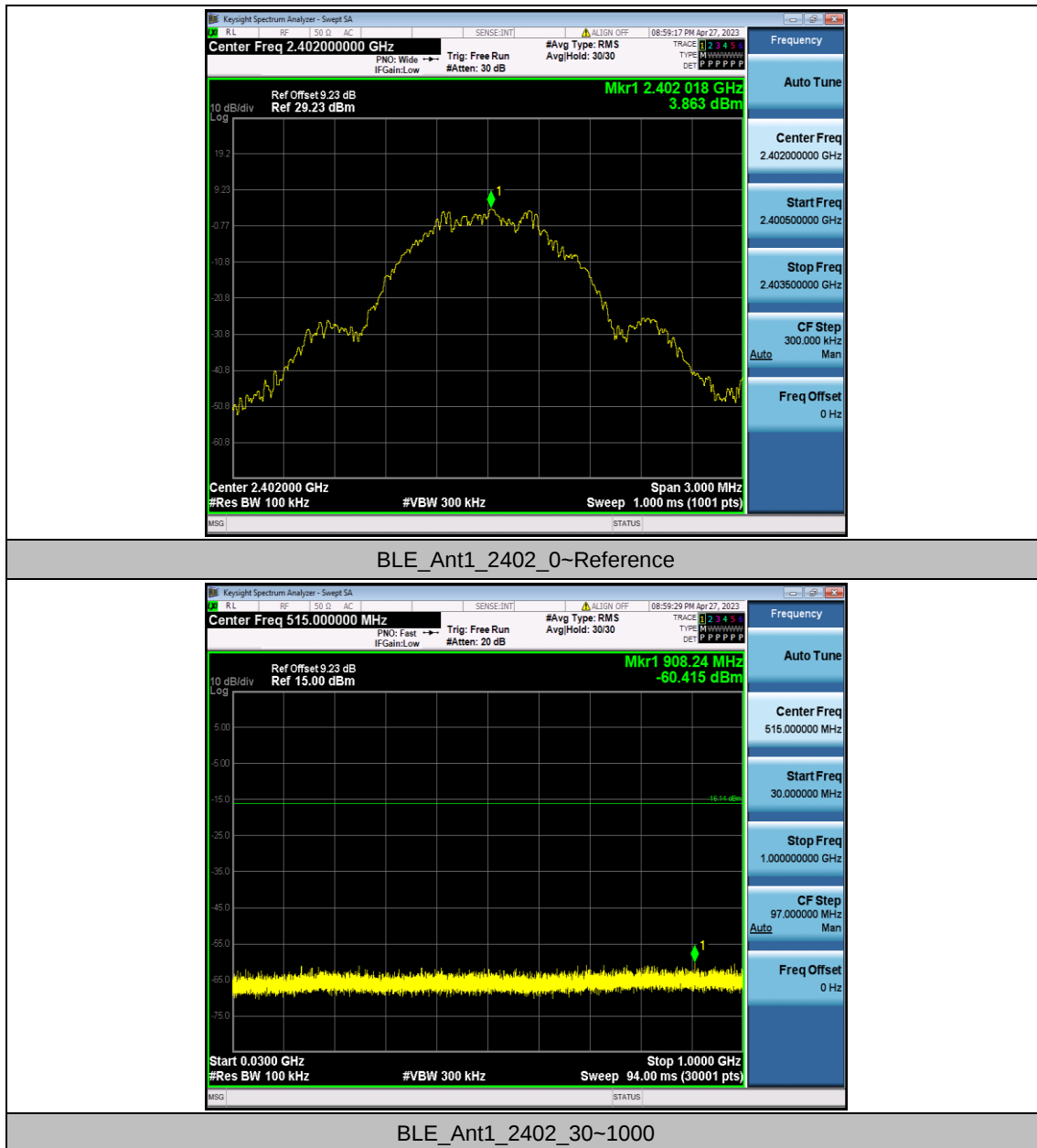


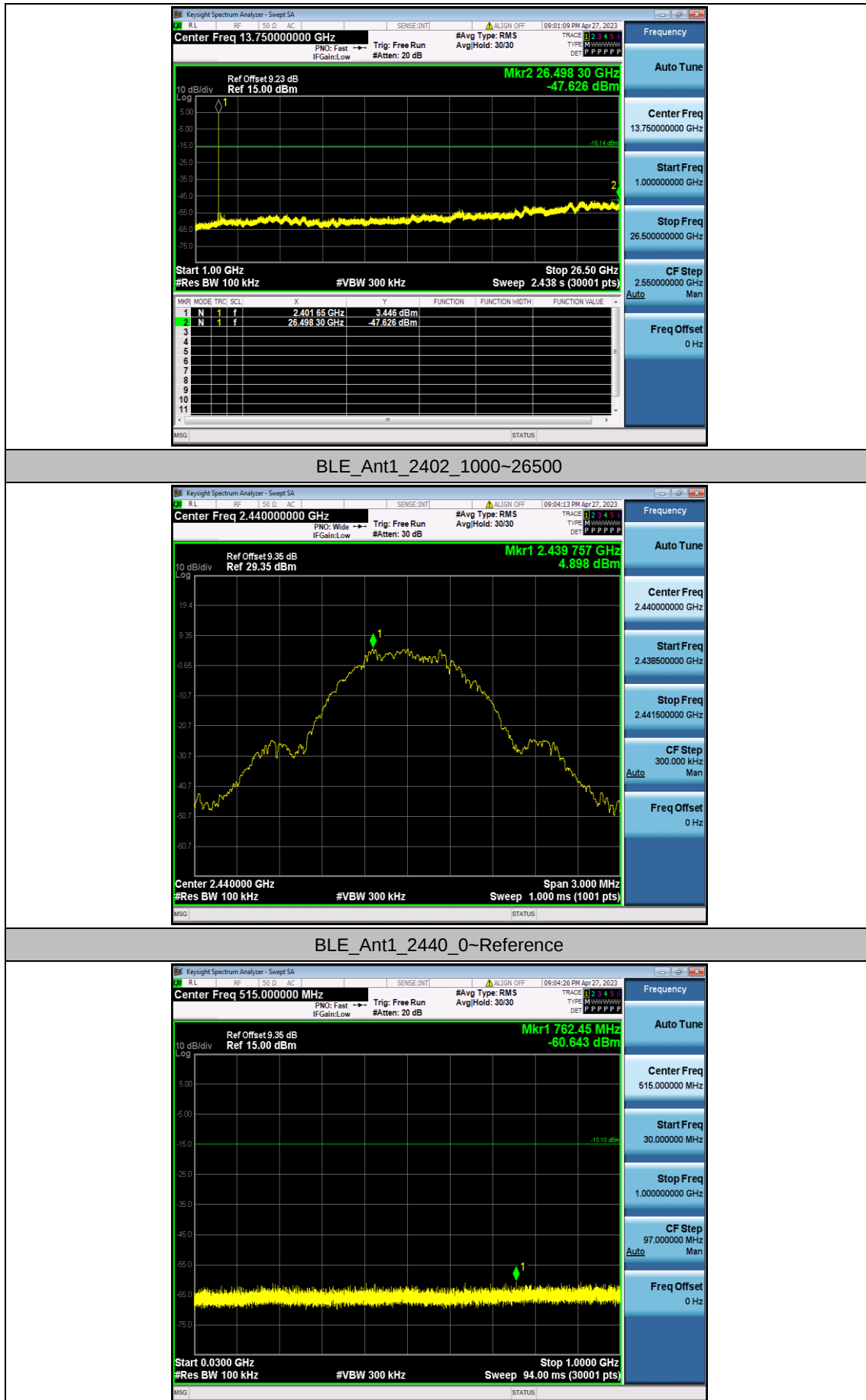
Appendix B.6: Conducted Spurious Emission

Test Result

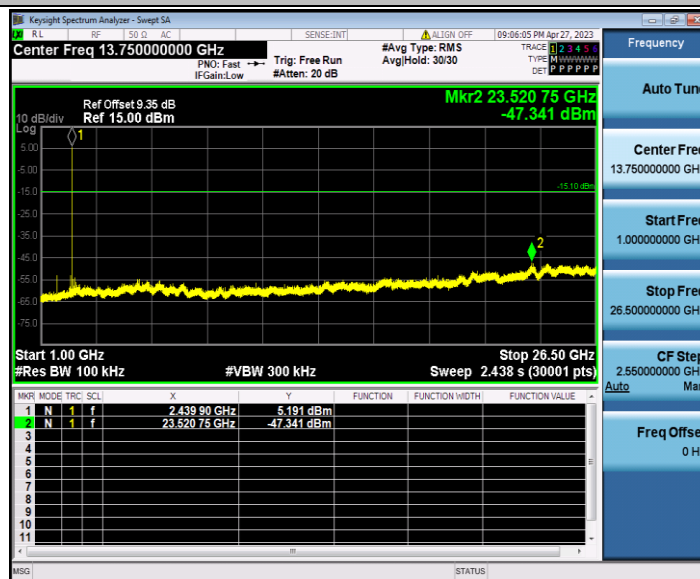
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	3.86	3.86	---	PASS
			30~1000	3.86	-60.42	≤ -16.14	PASS
			1000~26500	3.86	-47.63	≤ -16.14	PASS
		2440	Reference	4.90	4.90	---	PASS
			30~1000	4.90	-60.64	≤ -15.1	PASS
			1000~26500	4.90	-47.34	≤ -15.1	PASS
		2480	Reference	5.60	5.60	---	PASS
			30~1000	5.60	-52.21	≤ -14.4	PASS
			1000~26500	5.60	-47.67	≤ -14.4	PASS

Test Graphs





BLE_Ant1_2440_30~1000



BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference

