

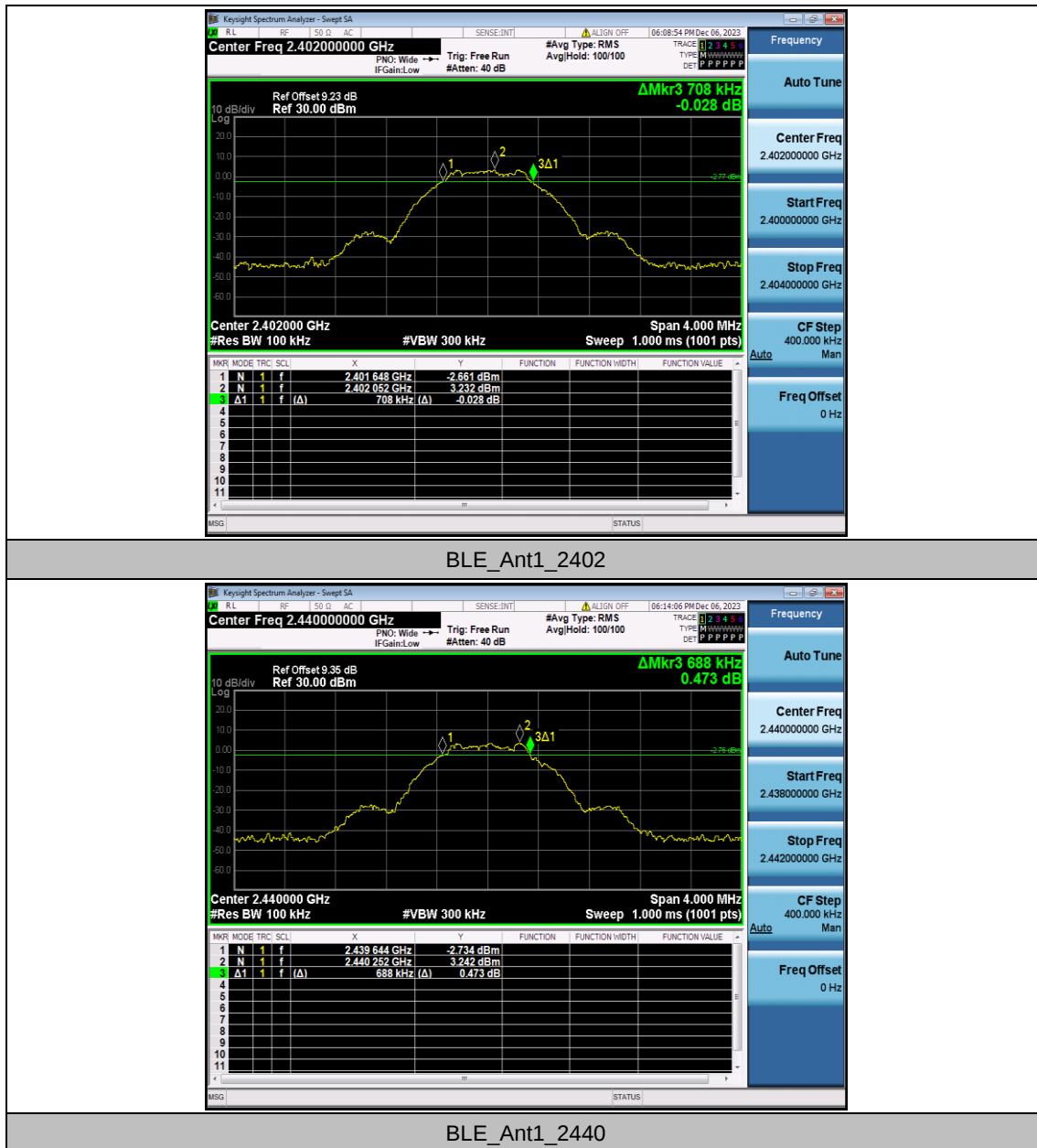
Case No. : <u>GTS20231012003-1-3</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.12.5</u>	Test Engineer: <u>Evan ouyang</u>

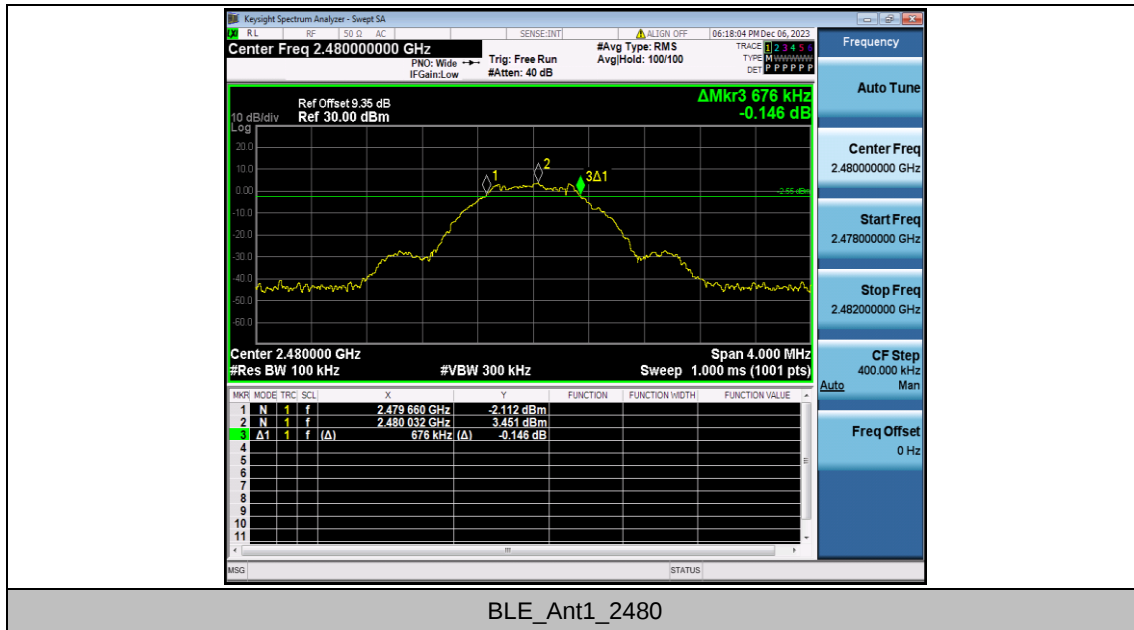
Appendix B.1: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.708	2401.648	2402.356	0.5	PASS
		2440	0.688	2439.644	2440.332	0.5	PASS
		2480	0.676	2479.660	2480.336	0.5	PASS

Test Graphs



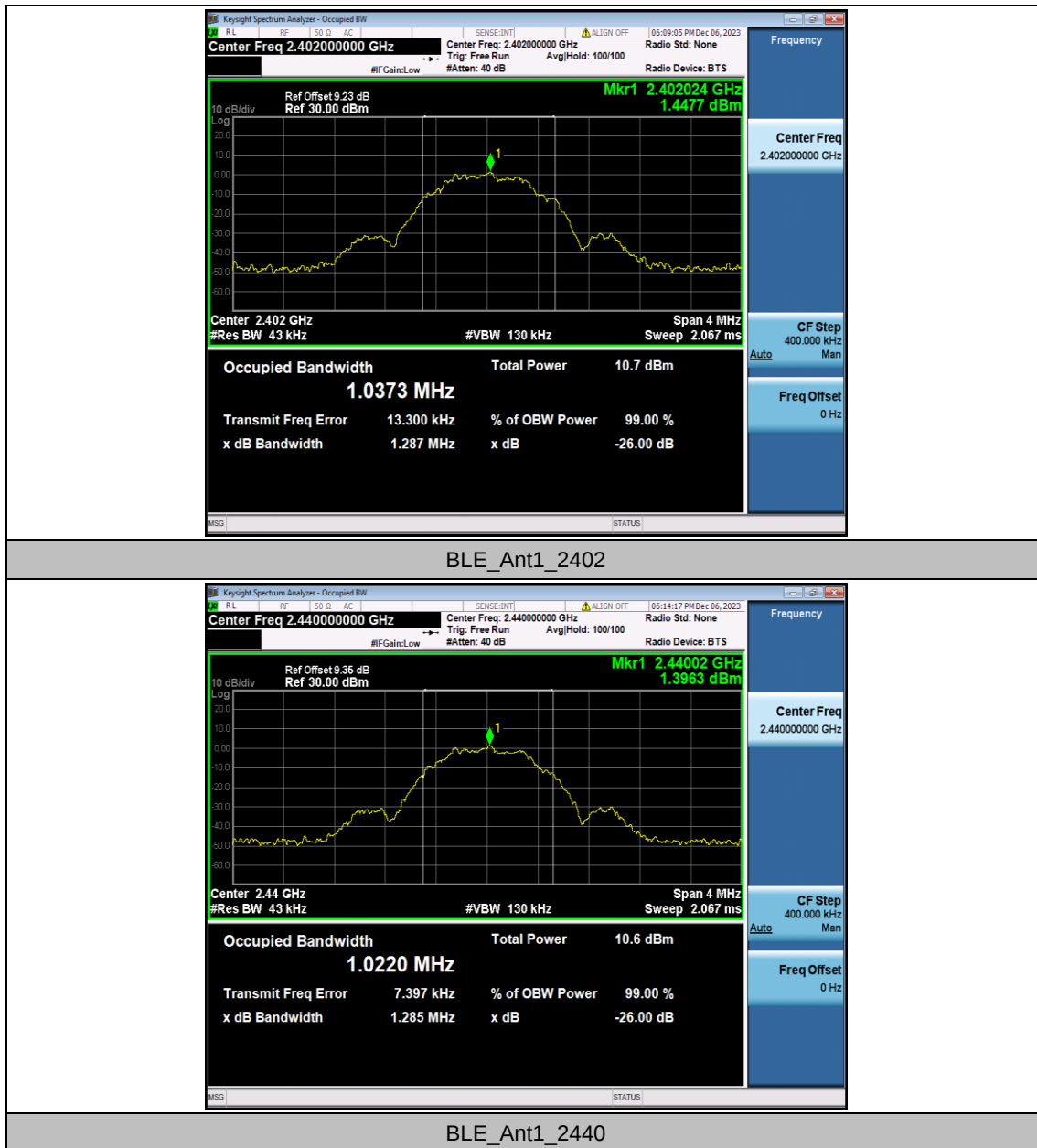


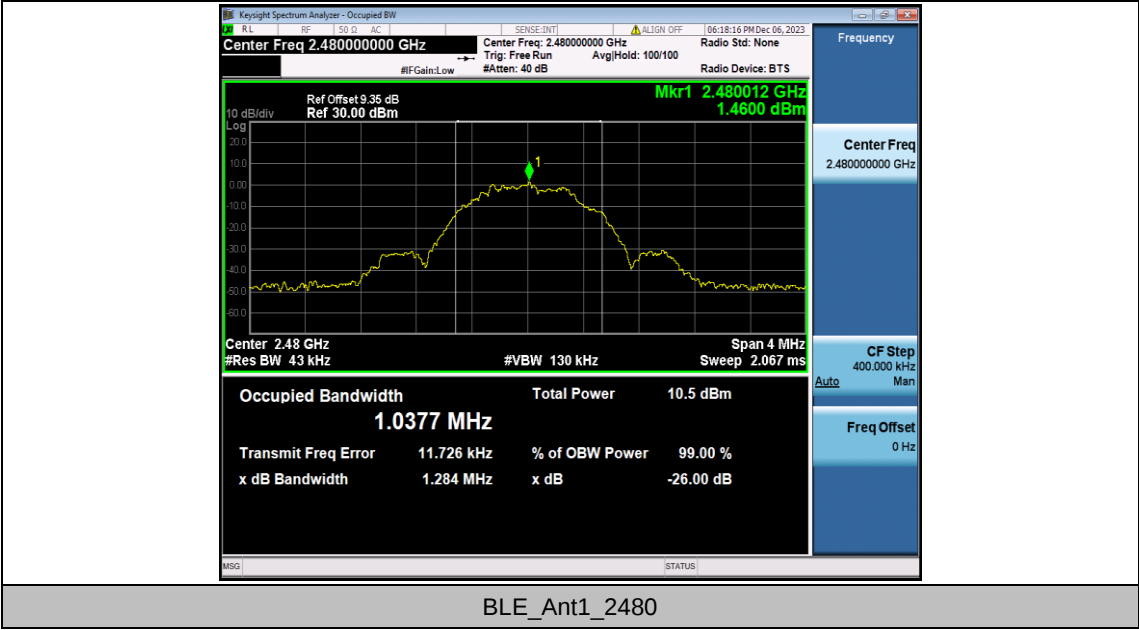
Appendix B.2: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0373	2401.495	2402.532	---	---
		2440	1.0220	2439.496	2440.518	---	---
		2480	1.0377	2479.493	2480.531	---	---

Test Graphs





BLE_Ant1_2480

Appendix B.3: Maximum conducted output power

Test Result Peak

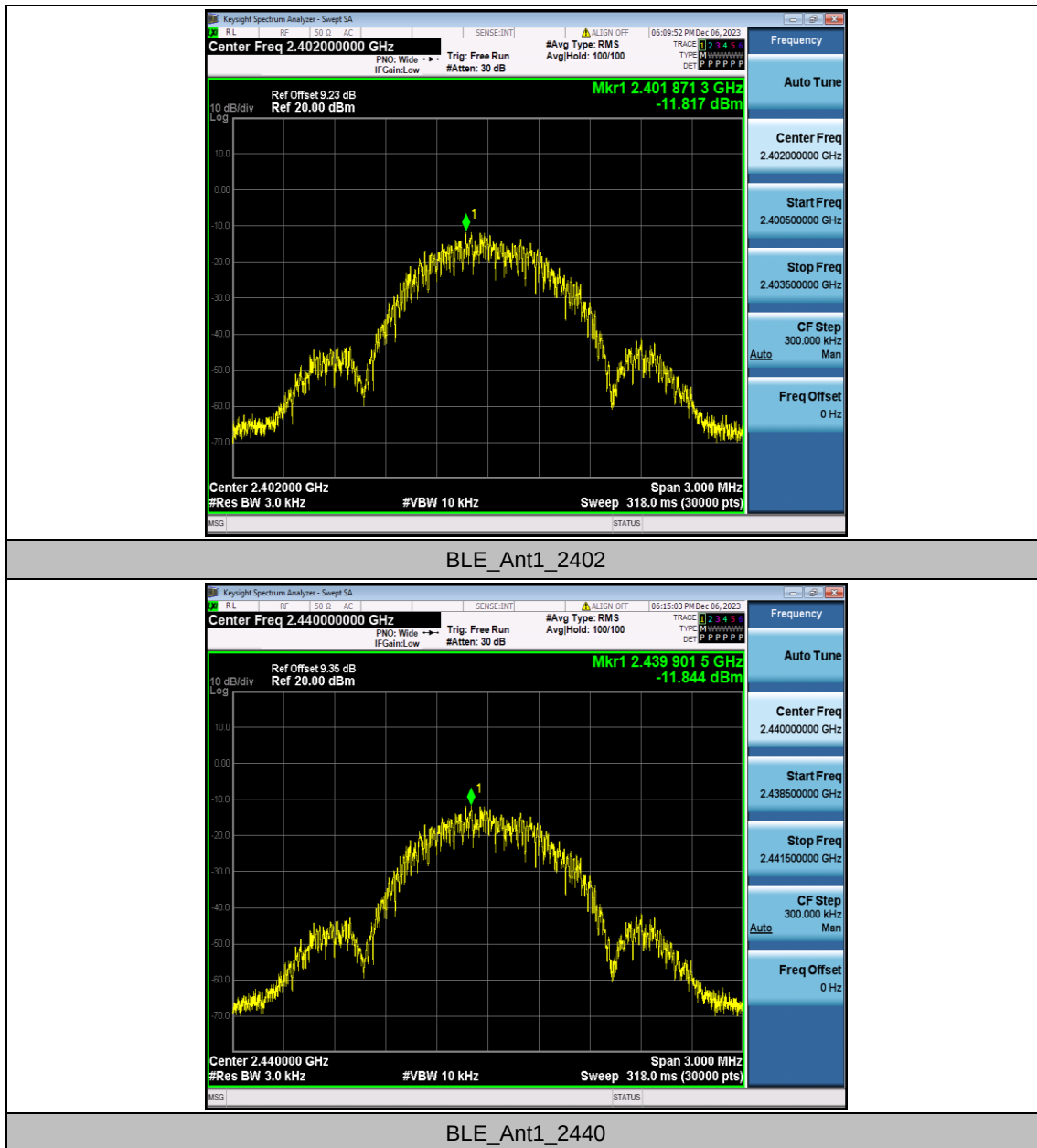
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	4.17	≤30	PASS
		2440	4.14	≤30	PASS
		2480	4.1	≤30	PASS

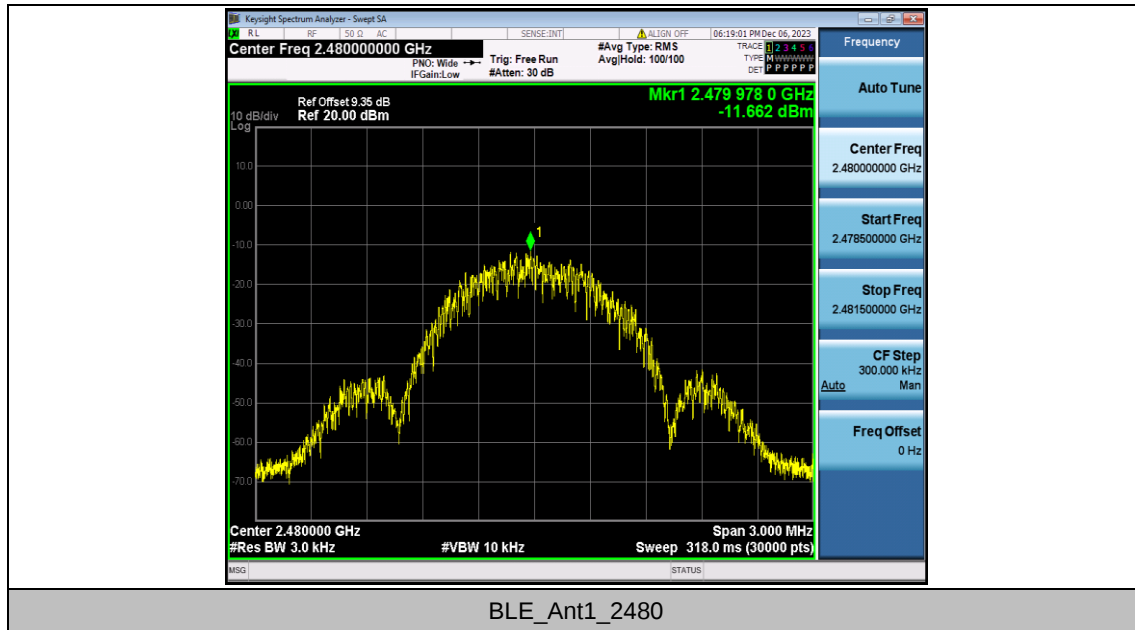
Appendix B.4: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-11.82	≤8.00	PASS
		2440	-11.84	≤8.00	PASS
		2480	-11.66	≤8.00	PASS

Test Graphs



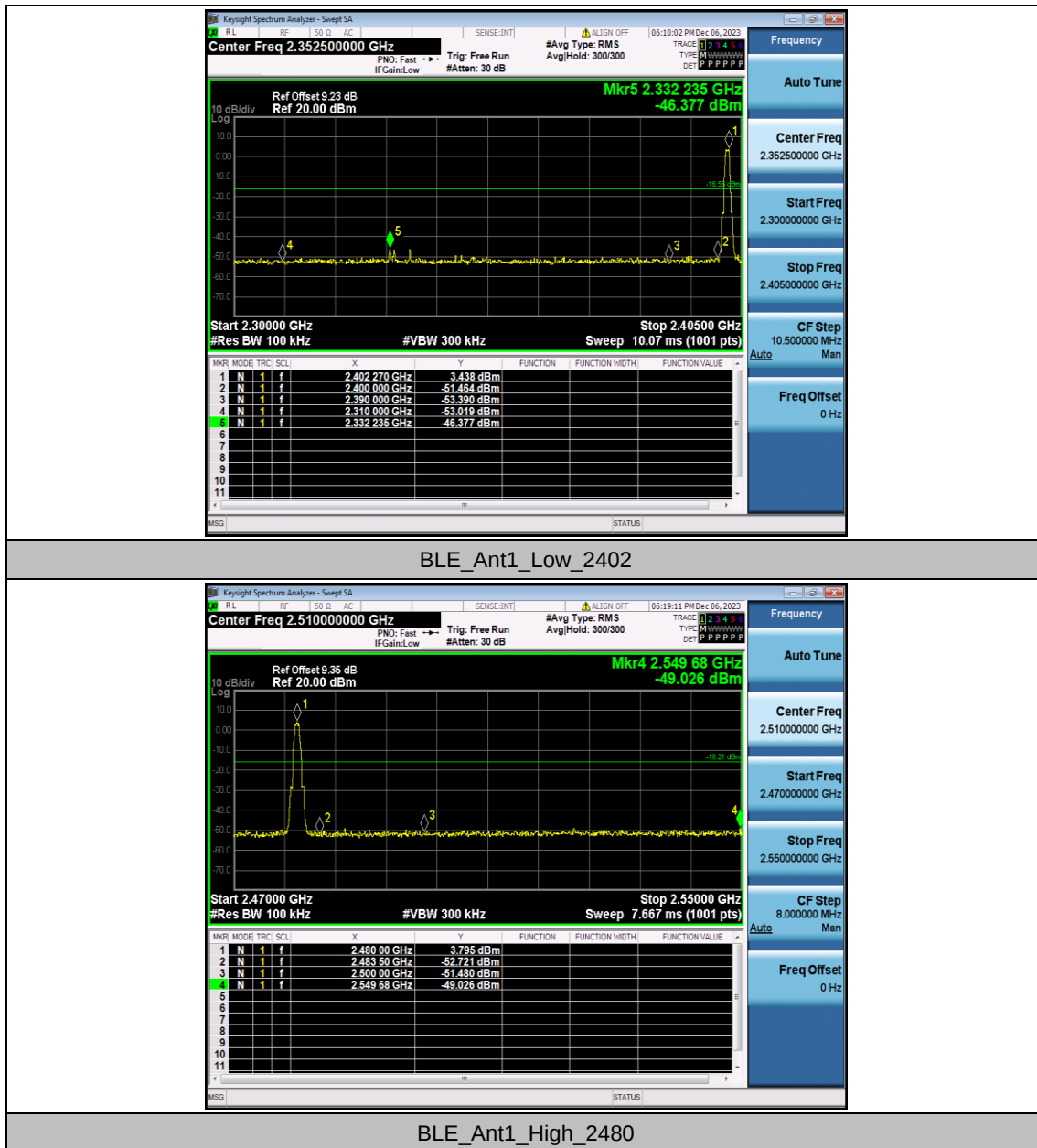


Appendix B.5: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	3.44	-46.38	≤-16.56	PASS
		High	2480	3.80	-49.03	≤-16.21	PASS

Test Graphs

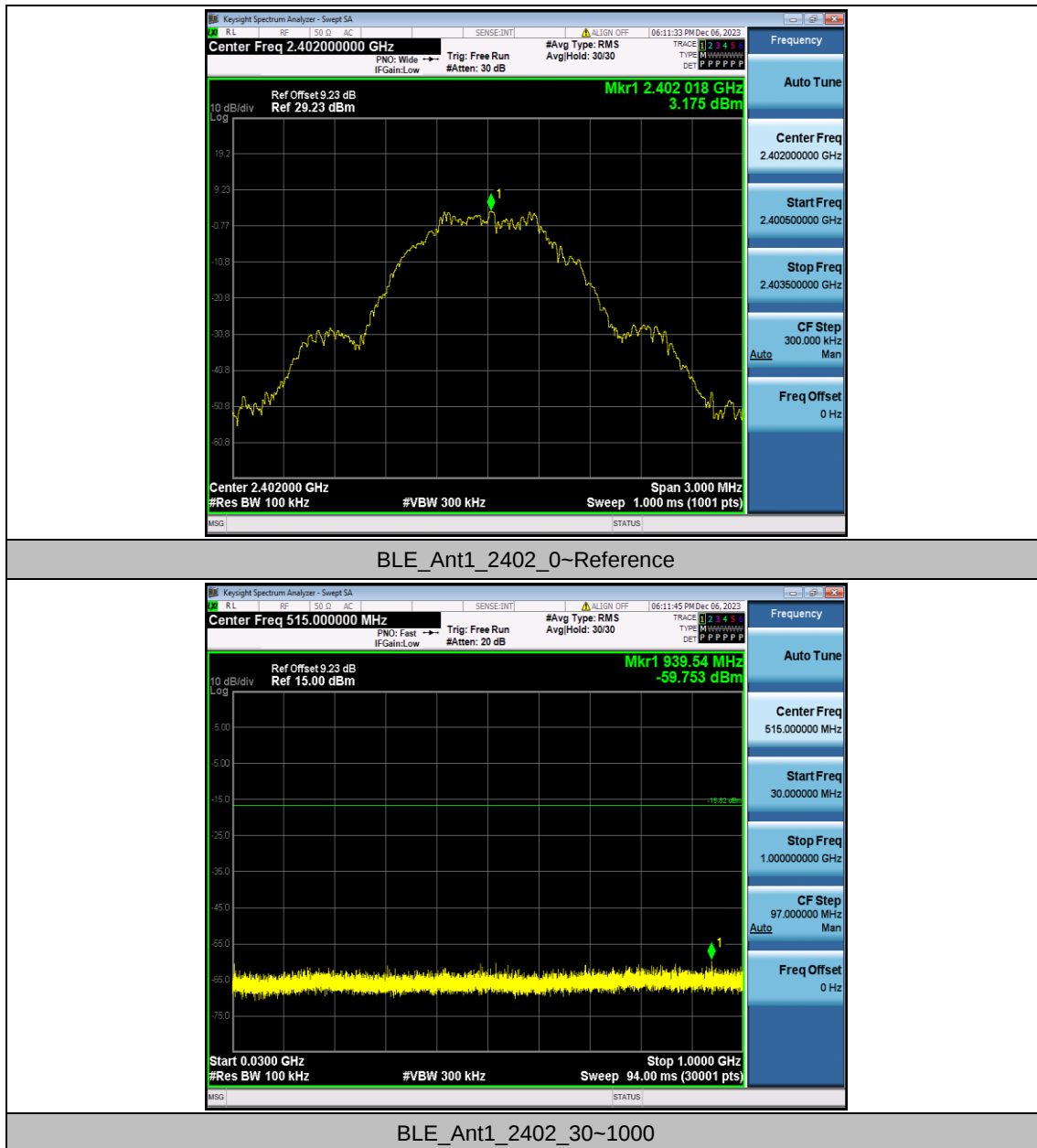


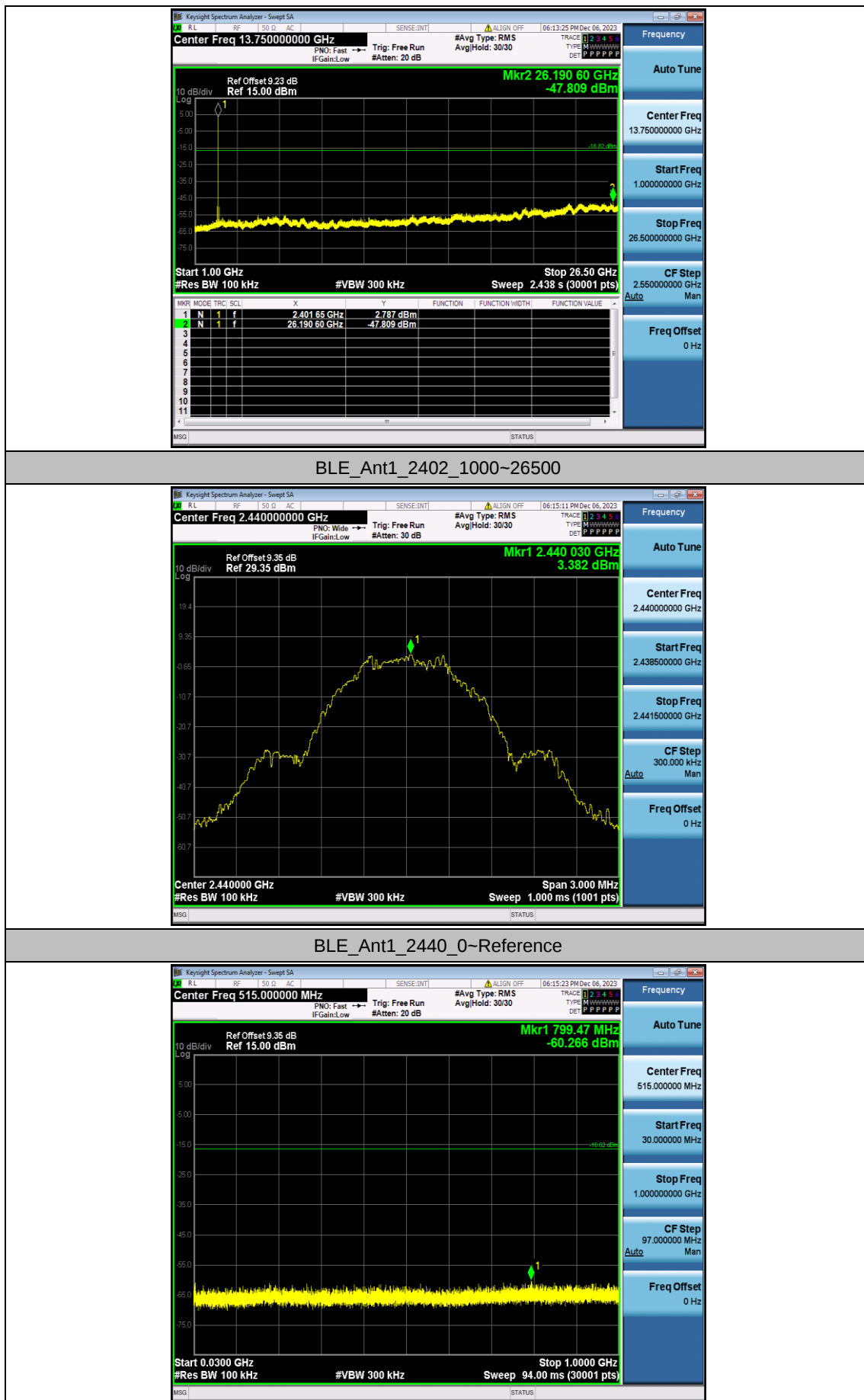
Appendix B.6: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	3.18	3.18	---	PASS
			30~1000	3.18	-59.75	≤ -16.82	PASS
			1000~26500	3.18	-47.81	≤ -16.82	PASS
		2440	Reference	3.38	3.38	---	PASS
			30~1000	3.38	-60.27	≤ -16.62	PASS
			1000~26500	3.38	-47.21	≤ -16.62	PASS
		2480	Reference	3.16	3.16	---	PASS
			30~1000	3.16	-60.61	≤ -16.84	PASS
			1000~26500	3.16	-45.13	≤ -16.84	PASS

Test Graphs





BLE_Ant1_2440_30~1000



BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference

