

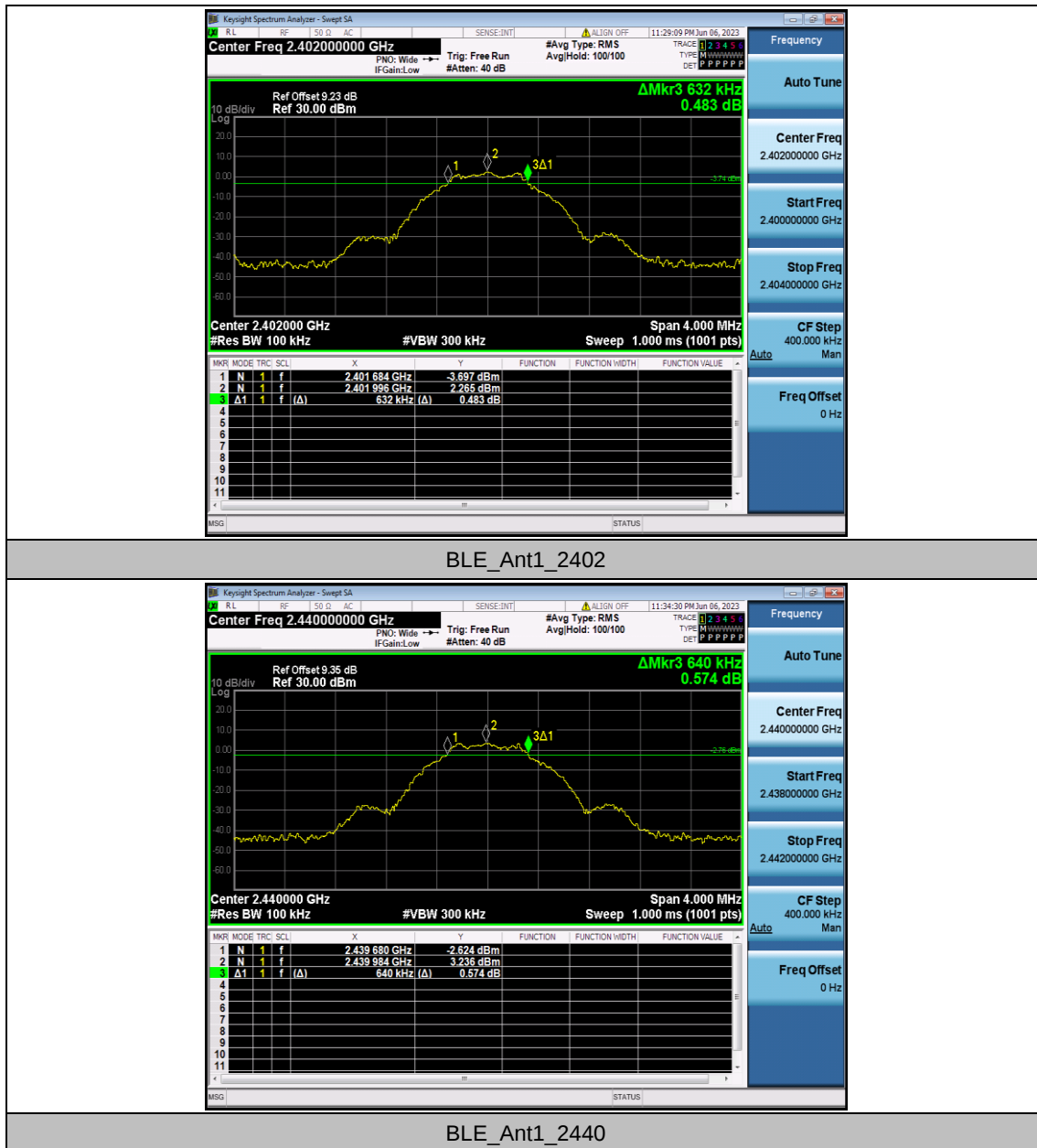
Case No. : <u>GTS20230508024-1-44</u>	
Ambient Condition: <u>23</u> °C, <u>48</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.6.5</u>	Test Engineer: <u>Jenny zeng</u>

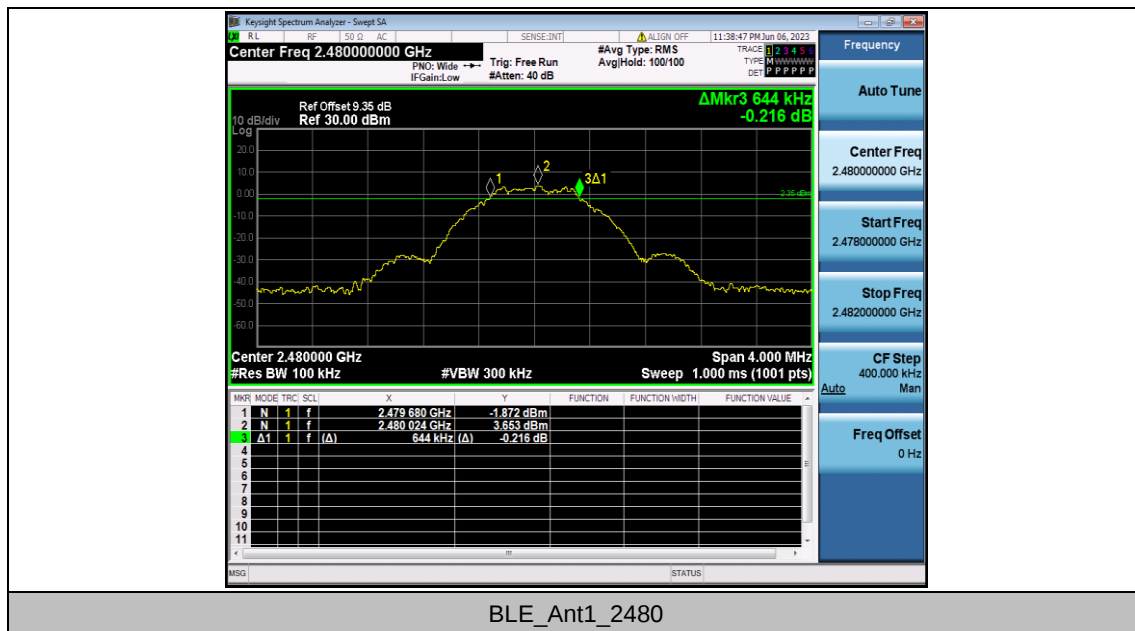
Appendix B.1: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.632	2401.684	2402.316	0.5	PASS
		2440	0.640	2439.680	2440.320	0.5	PASS
		2480	0.644	2479.680	2480.324	0.5	PASS

Test Graphs





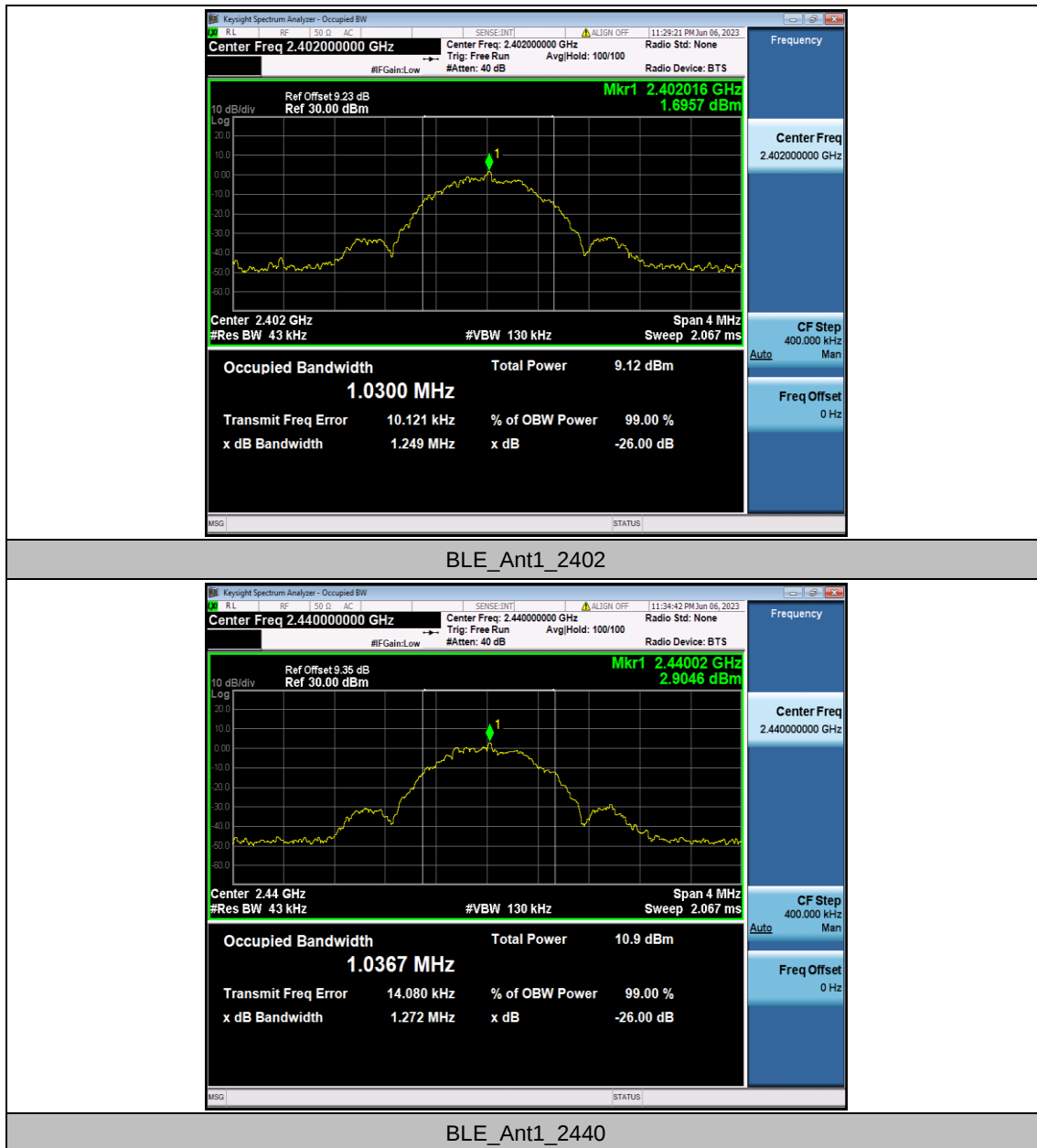
BLE_Ant1_2480

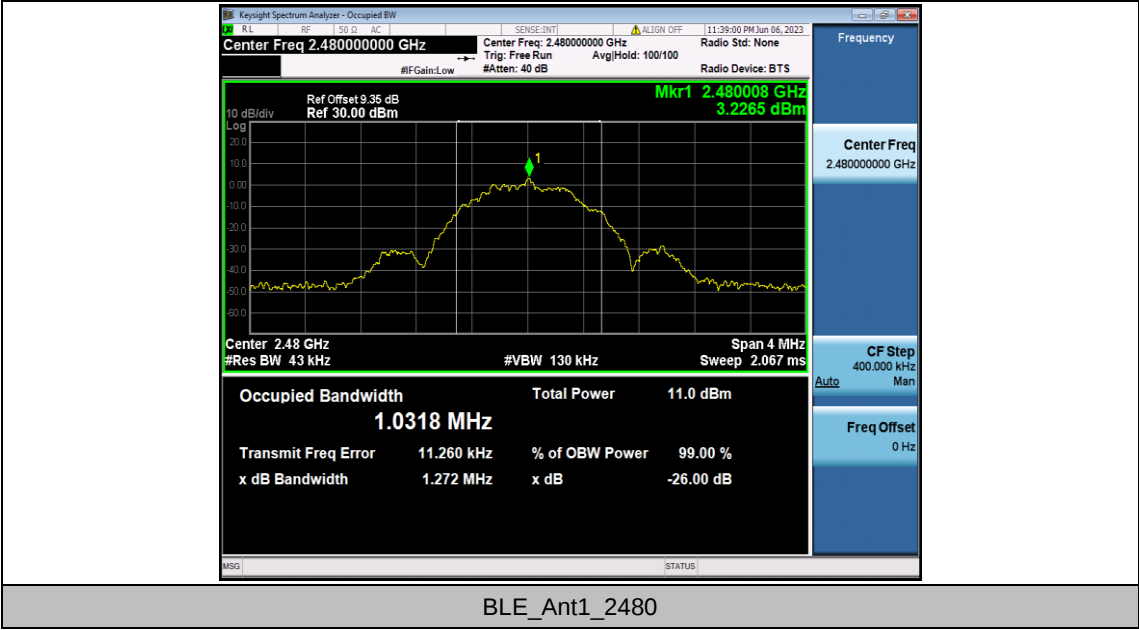
Appendix B.2: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0300	2401.495	2402.525	---	---
		2440	1.0367	2439.496	2440.532	---	---
		2480	1.0318	2479.495	2480.527	---	---

Test Graphs





BLE_Ant1_2480

Appendix B.3: Maximum conducted output power

Test Result Peak

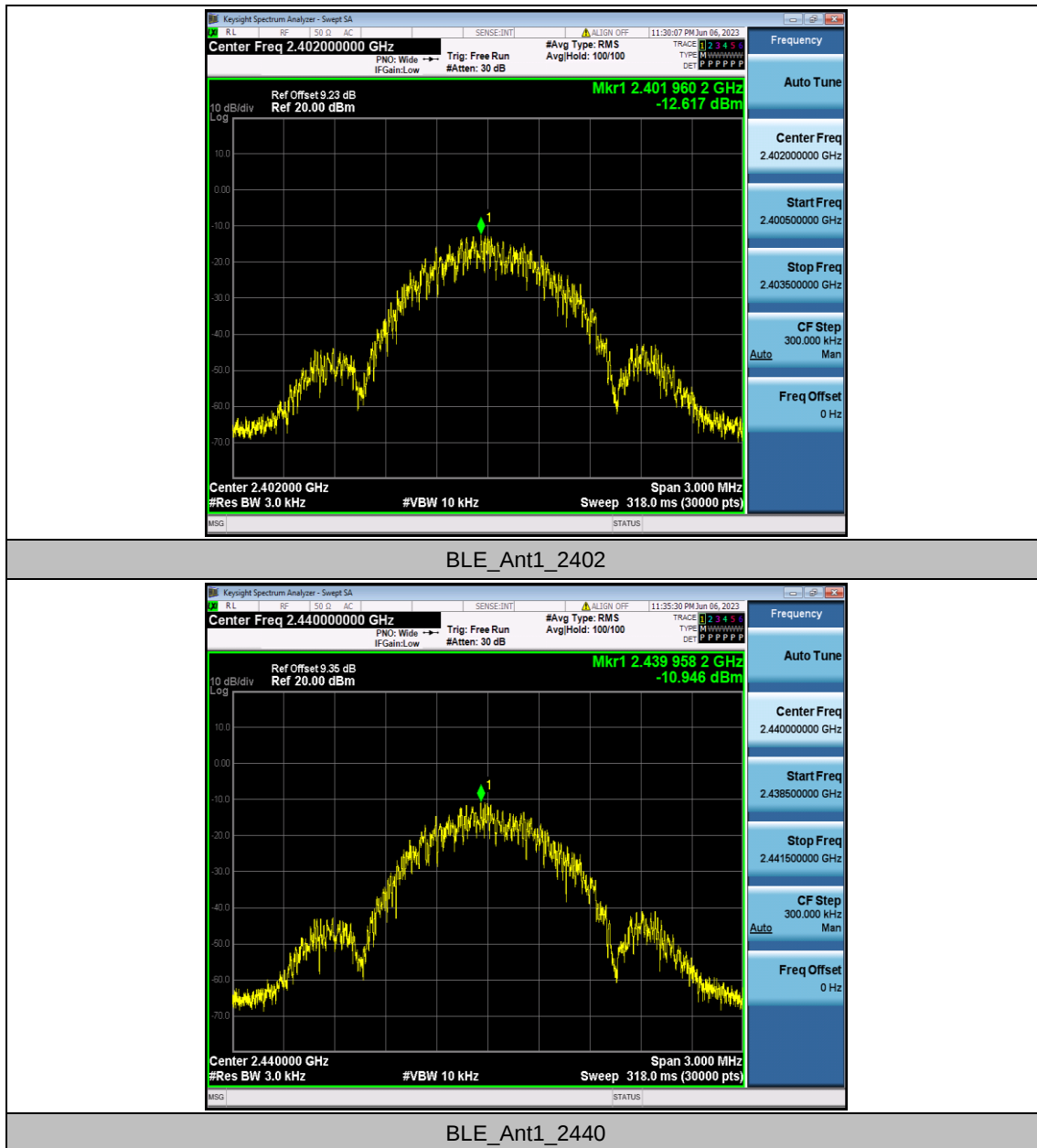
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	2.73	≤30	PASS
		2440	4.25	≤30	PASS
		2480	4.26	≤30	PASS

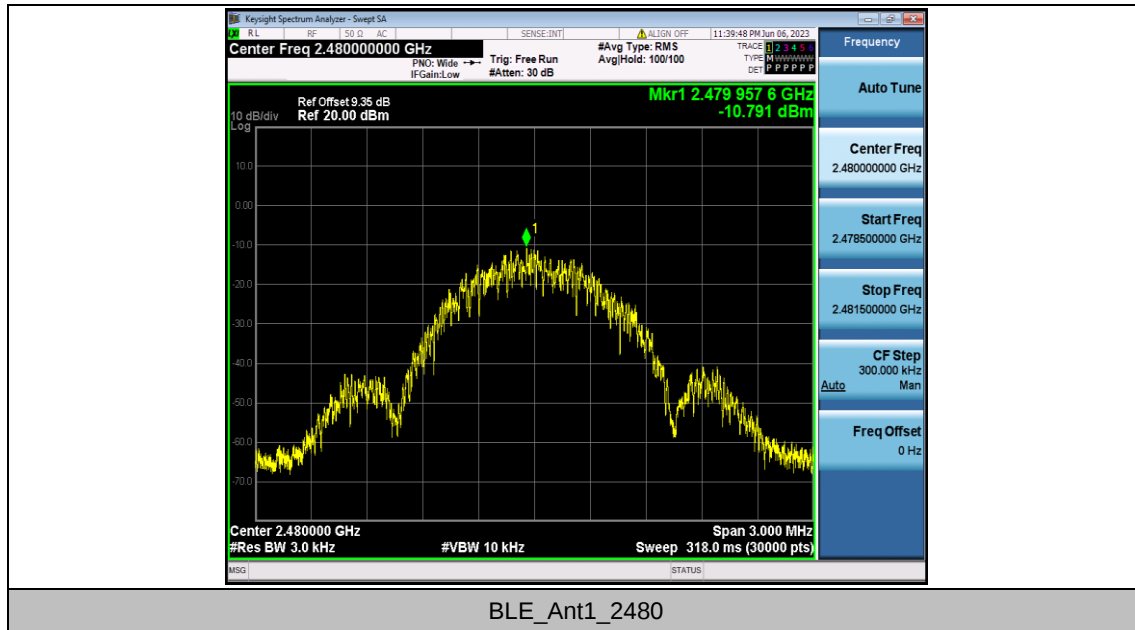
Appendix B.4: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-12.62	≤8.00	PASS
		2440	-10.95	≤8.00	PASS
		2480	-10.79	≤8.00	PASS

Test Graphs



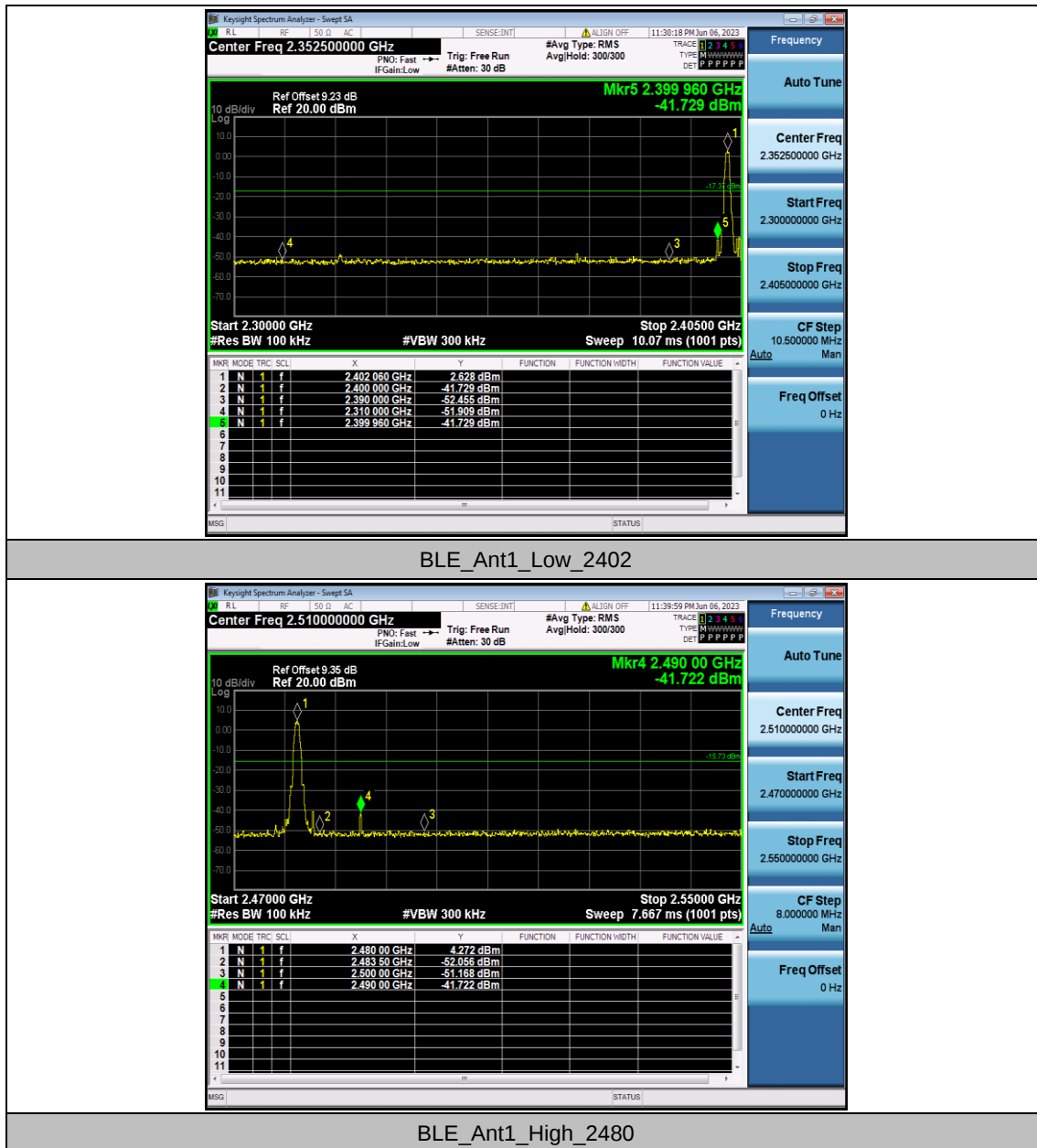


Appendix B.5: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	2.63	-41.73	≤ -17.37	PASS
		High	2480	4.27	-41.72	≤ -15.73	PASS

Test Graphs

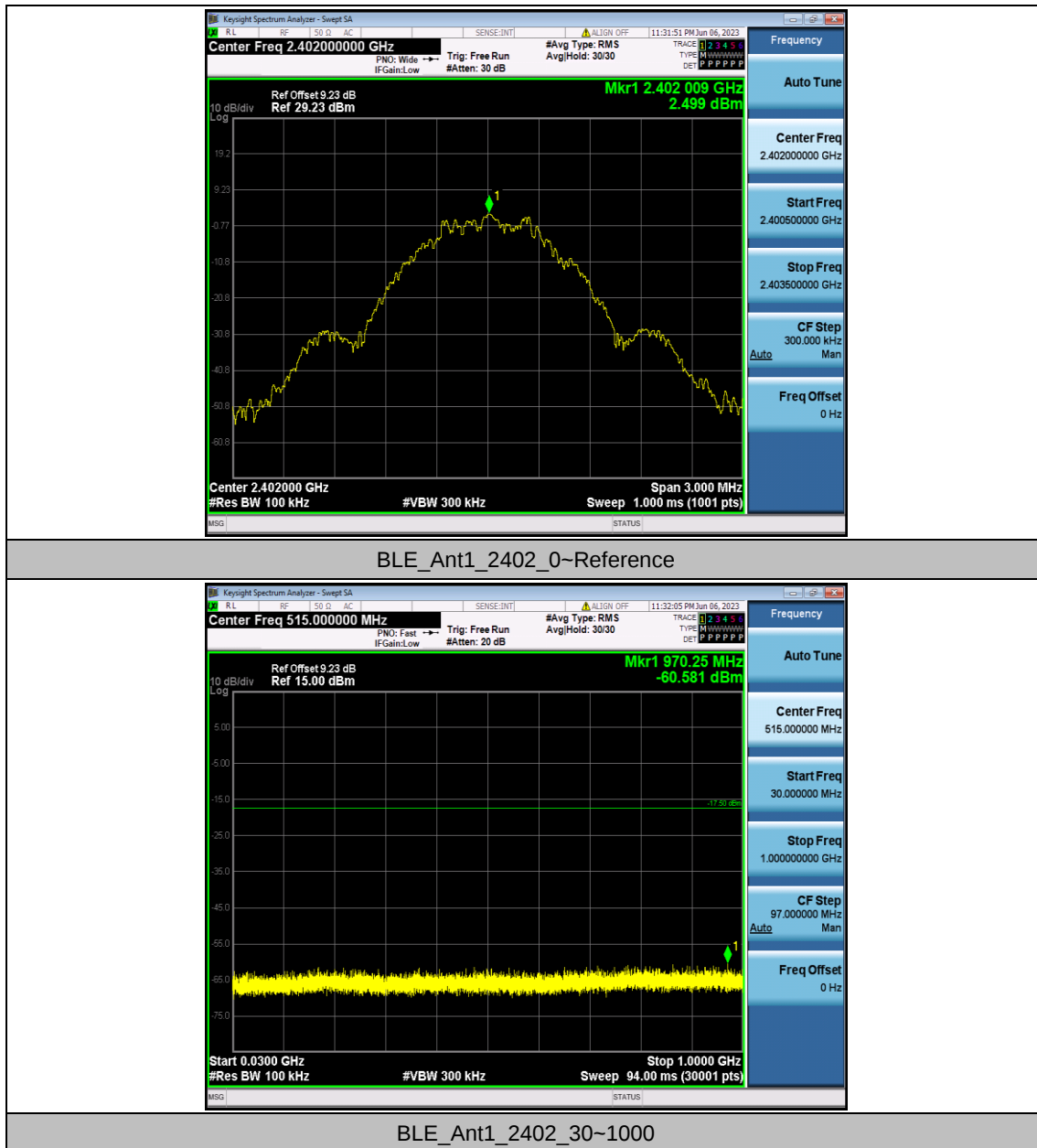


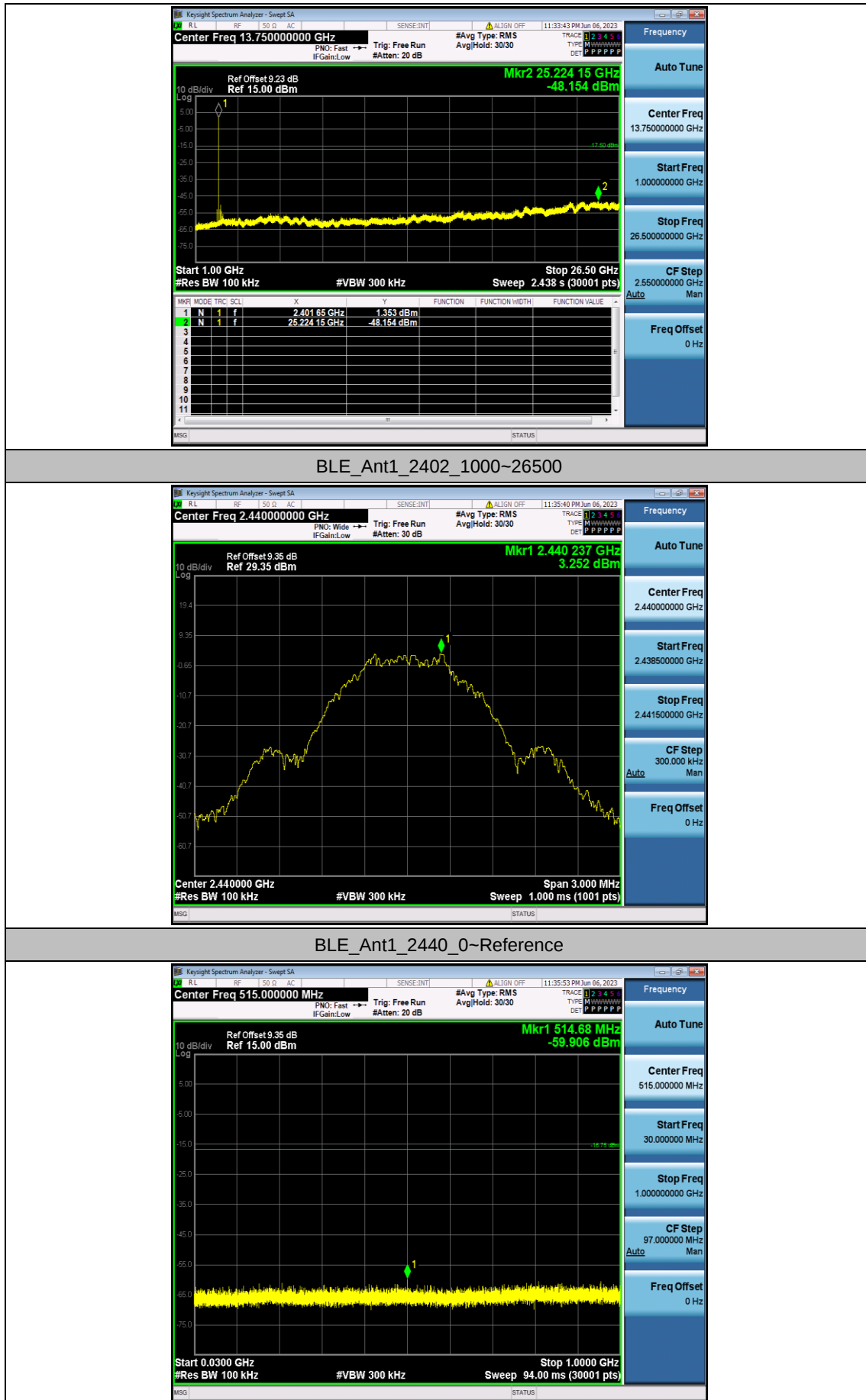
Appendix B.6: Conducted Spurious Emission

Test Result

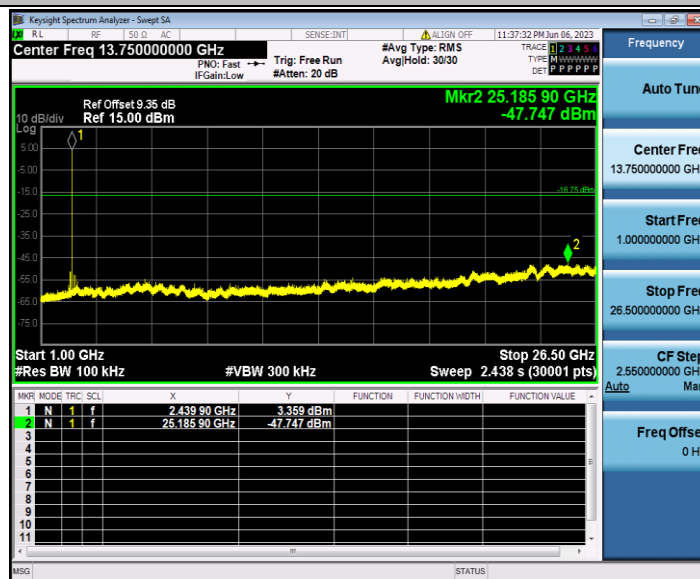
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	2.50	2.50	---	PASS
			30~1000	2.50	-60.58	≤ -17.5	PASS
			1000~26500	2.50	-48.15	≤ -17.5	PASS
		2440	Reference	3.25	3.25	---	PASS
			30~1000	3.25	-59.91	≤ -16.75	PASS
			1000~26500	3.25	-47.75	≤ -16.75	PASS
		2480	Reference	3.63	3.63	---	PASS
			30~1000	3.63	-60.37	≤ -16.37	PASS
			1000~26500	3.63	-47.55	≤ -16.37	PASS

Test Graphs





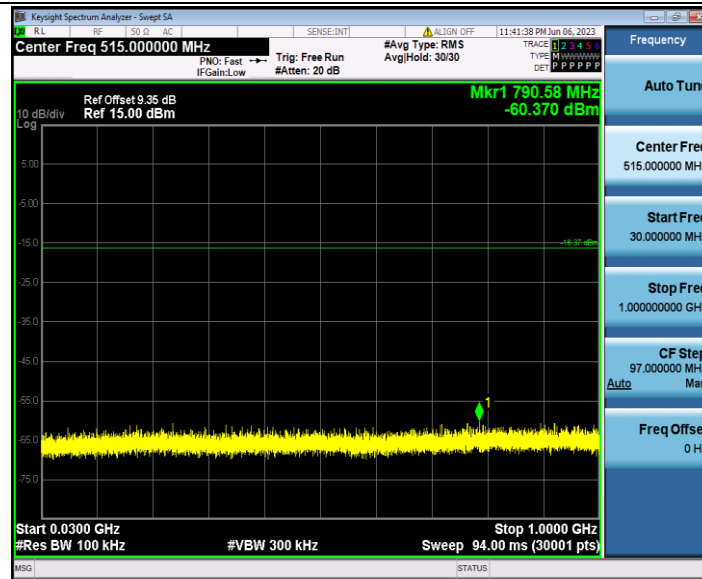
BLE_Ant1_2440_30~1000



BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000



BLE_Ant1_2480_1000~26500