

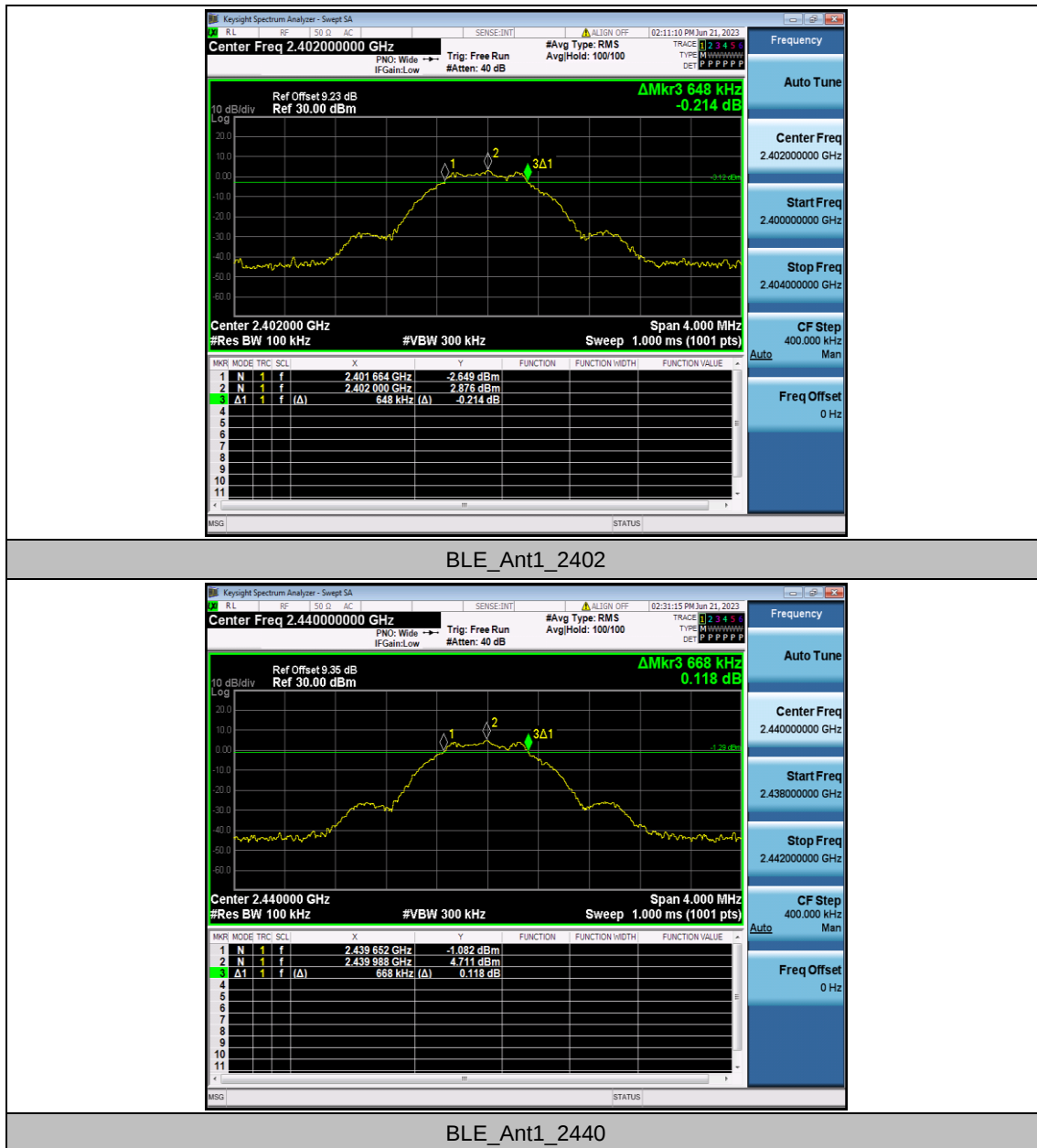
Case No. : <u>GTS20230520008-1-2</u>	
Ambient Condition: <u>24</u> °C, <u>59</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.6.20</u>	Test Engineer: <u>Evan Ouyang</u>

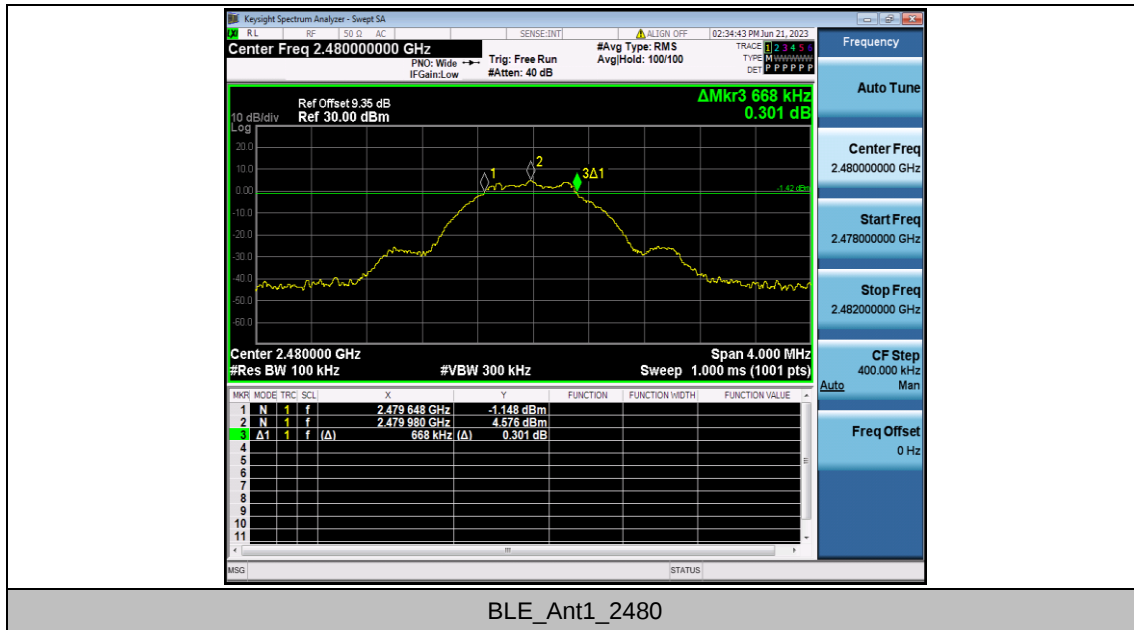
Appendix B.1: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.648	2401.664	2402.312	0.5	PASS
		2440	0.668	2439.652	2440.320	0.5	PASS
		2480	0.668	2479.648	2480.316	0.5	PASS

Test Graphs



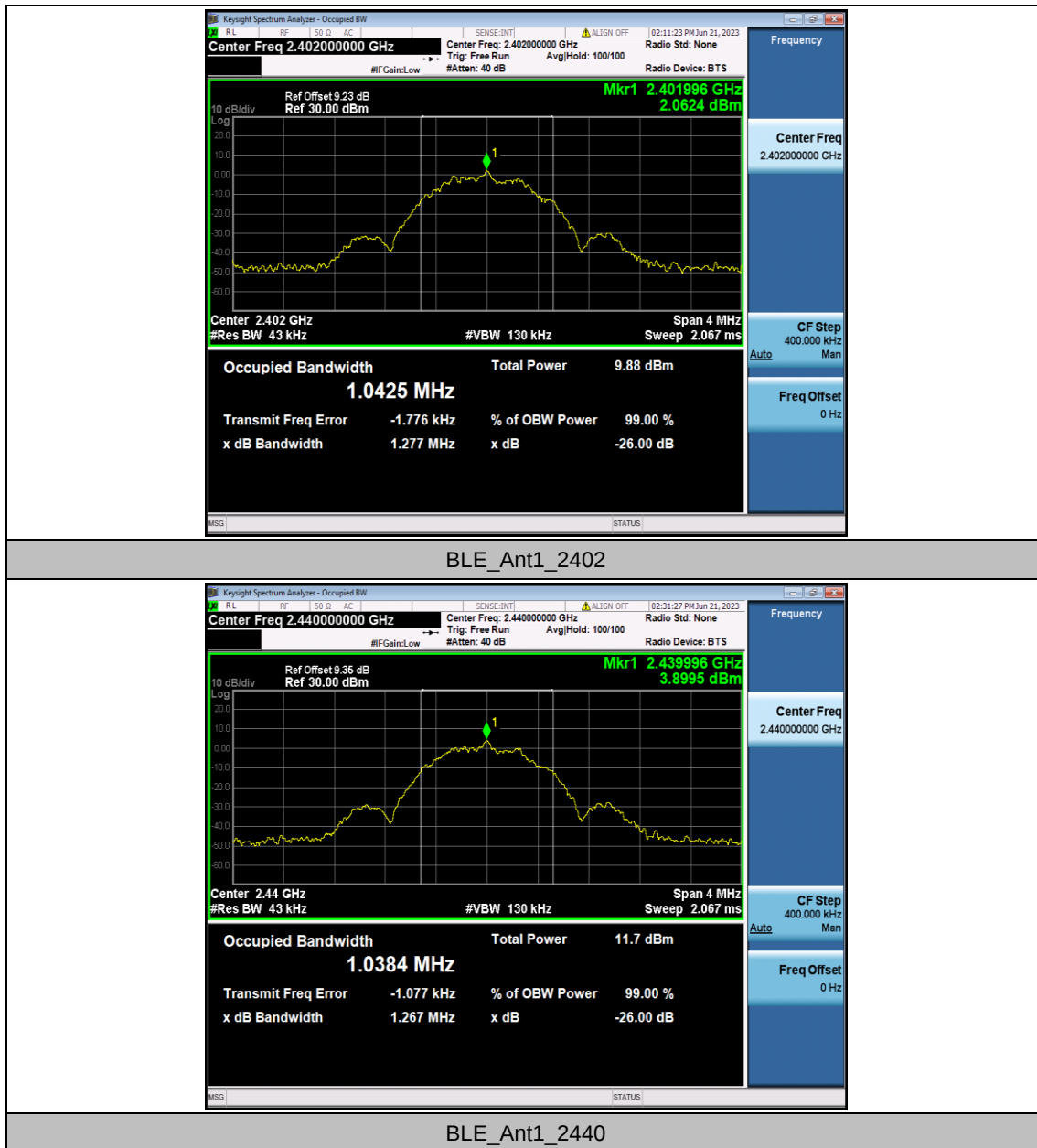


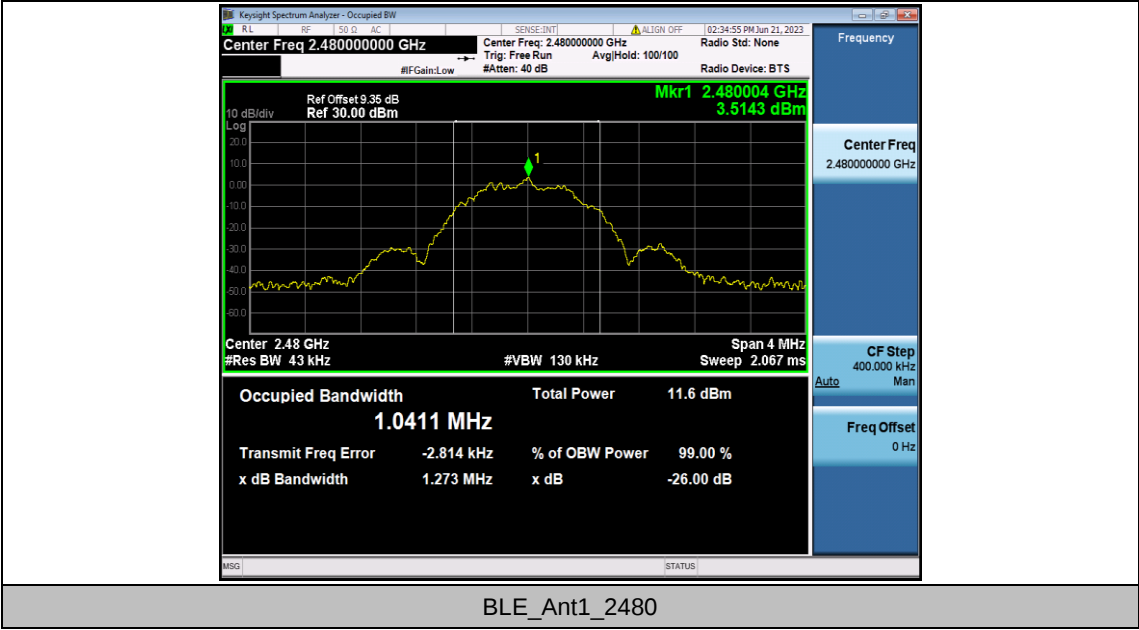
Appendix B.2: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0425	2401.477	2402.519	---	---
		2440	1.0384	2439.480	2440.518	---	---
		2480	1.0411	2479.477	2480.518	---	---

Test Graphs





BLE_Ant1_2480

Appendix B.3: Maximum conducted output power

Test Result Peak

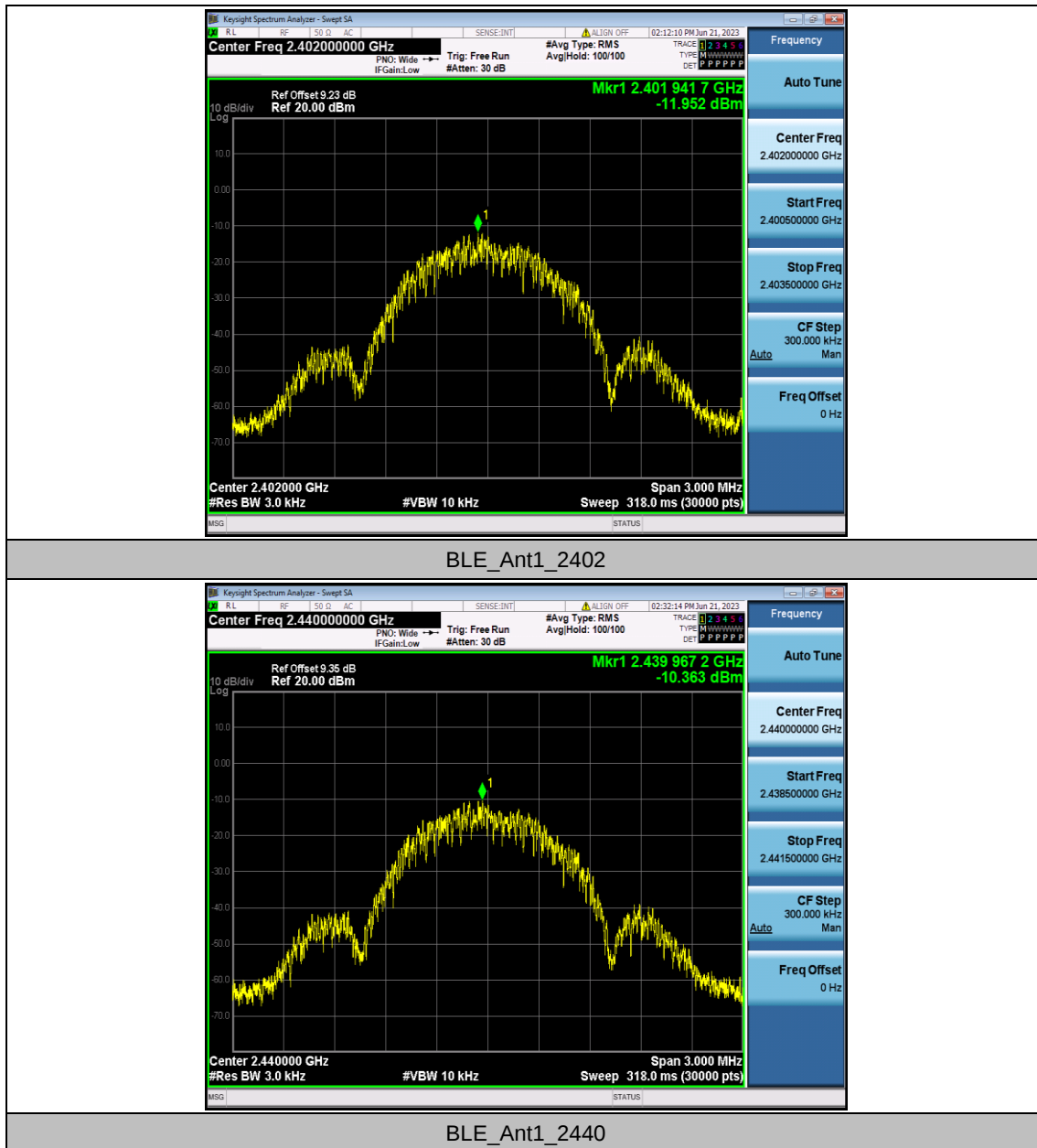
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	3.13	≤30	PASS
		2440	4.95	≤30	PASS
		2480	4.89	≤30	PASS

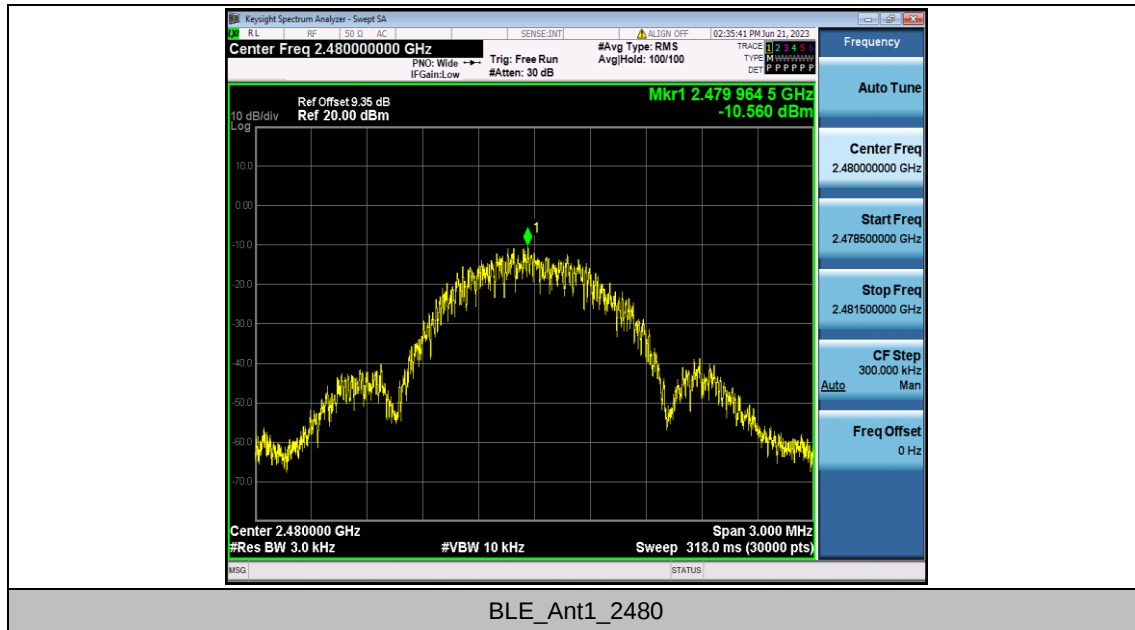
Appendix B.4: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-11.95	≤8.00	PASS
		2440	-10.36	≤8.00	PASS
		2480	-10.56	≤8.00	PASS

Test Graphs



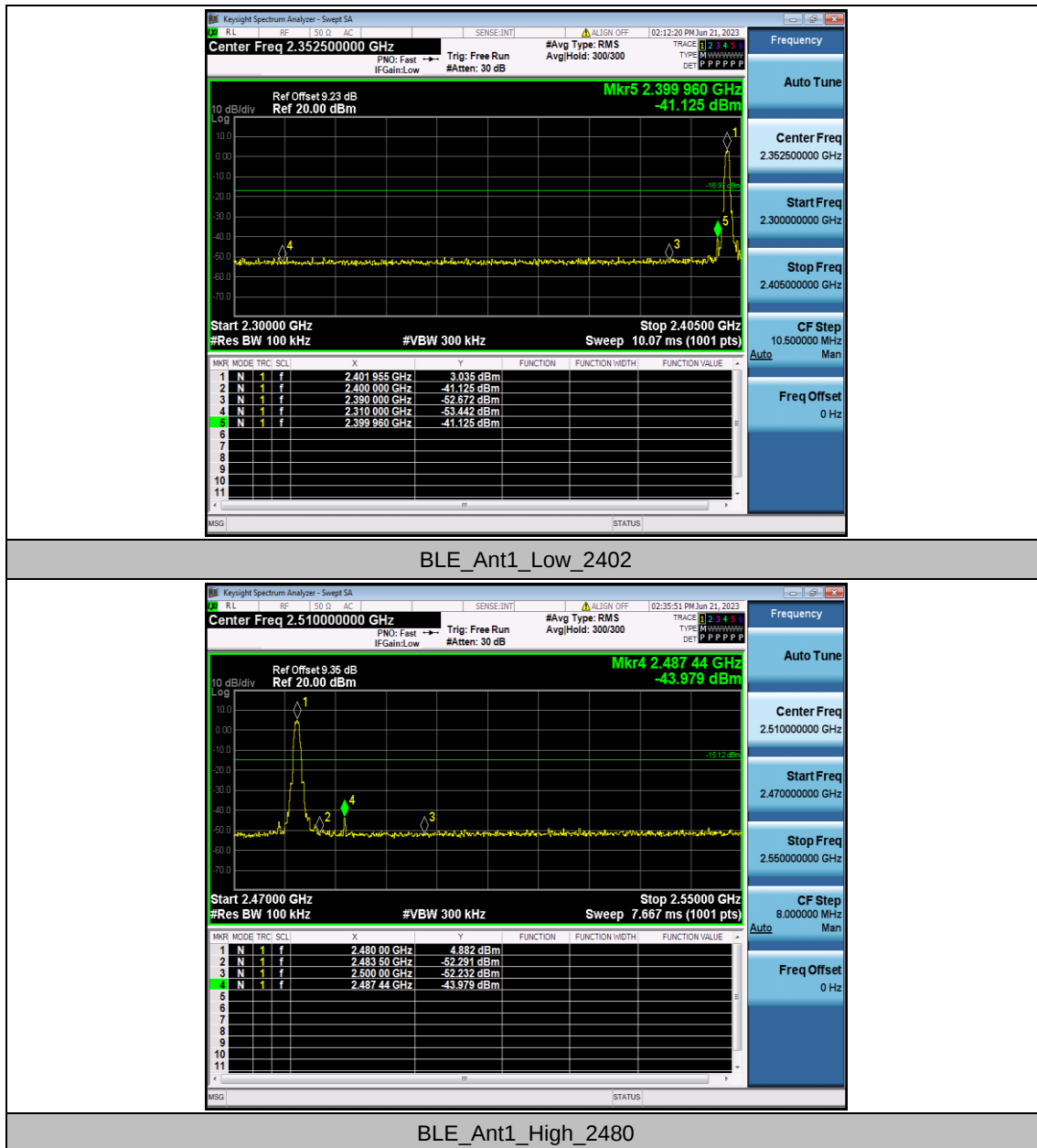


Appendix B.5: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	3.04	-41.13	≤-16.97	PASS
		High	2480	4.88	-43.98	≤-15.12	PASS

Test Graphs

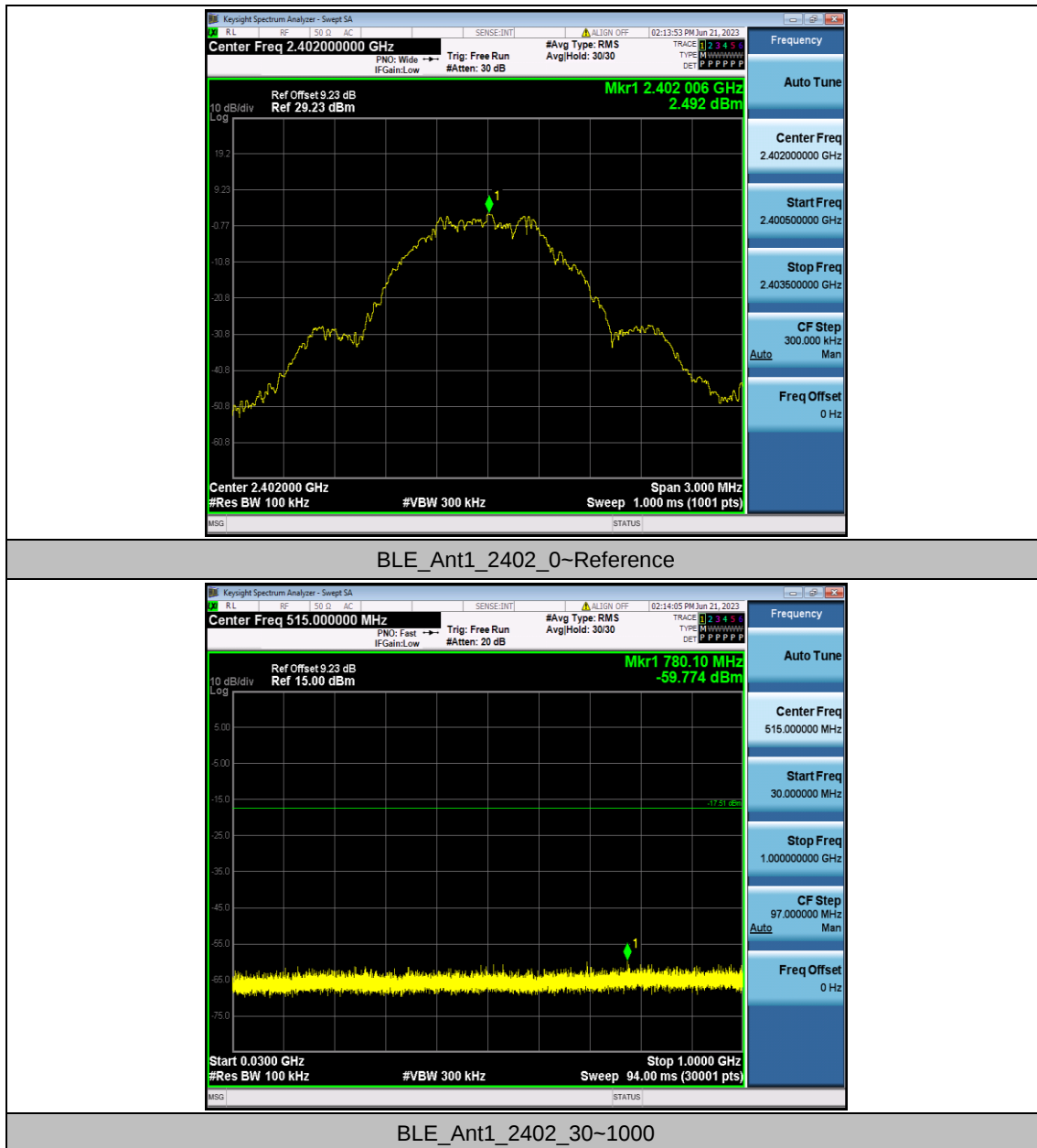


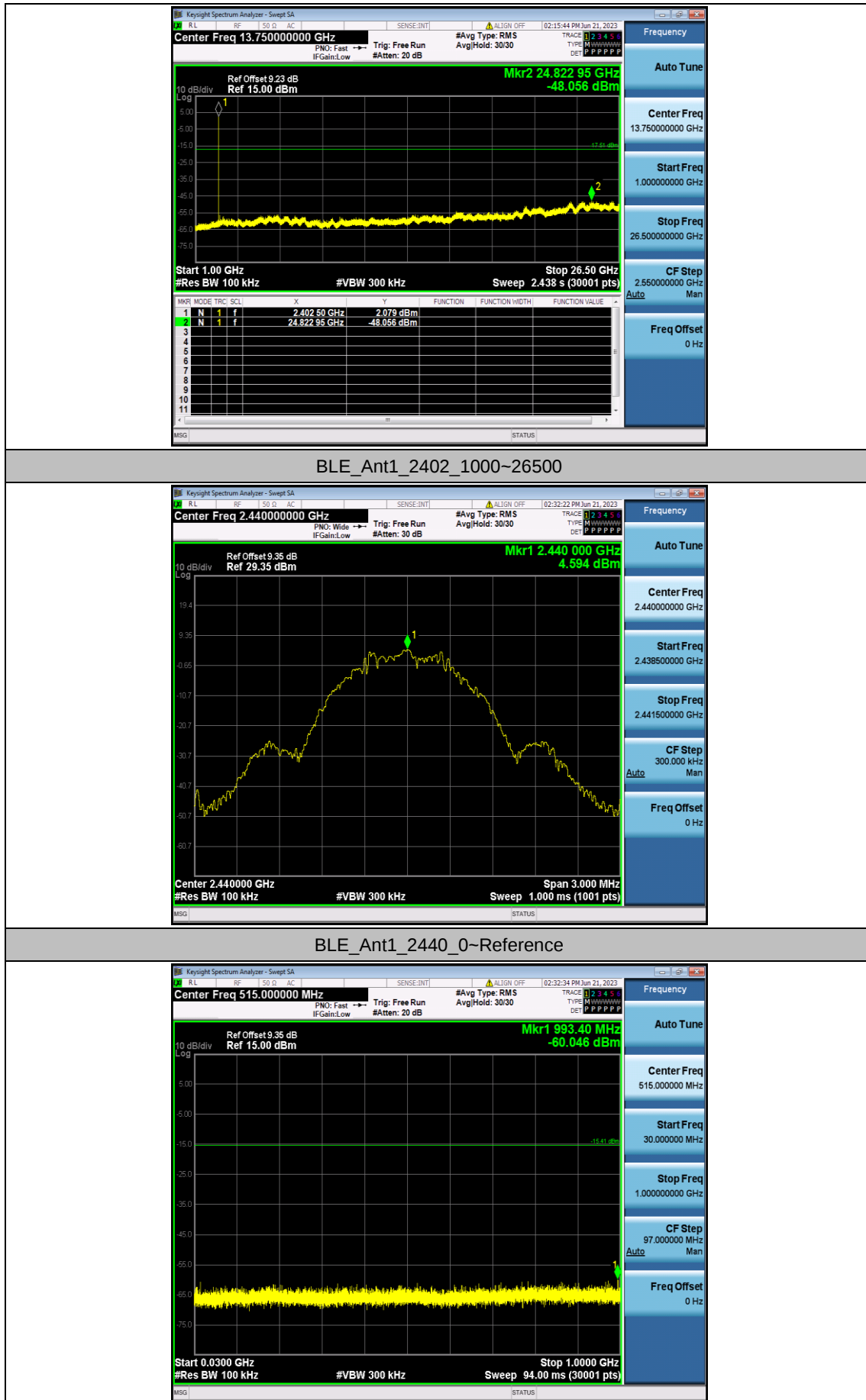
Appendix B.6: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	2.49	2.49	---	PASS
			30~1000	2.49	-59.77	≤ -17.51	PASS
			1000~26500	2.49	-48.06	≤ -17.51	PASS
		2440	Reference	4.59	4.59	---	PASS
			30~1000	4.59	-60.05	≤ -15.41	PASS
			1000~26500	4.59	-47.62	≤ -15.41	PASS
		2480	Reference	3.31	3.31	---	PASS
			30~1000	3.31	-60.38	≤ -16.69	PASS
			1000~26500	3.31	-47.51	≤ -16.69	PASS

Test Graphs





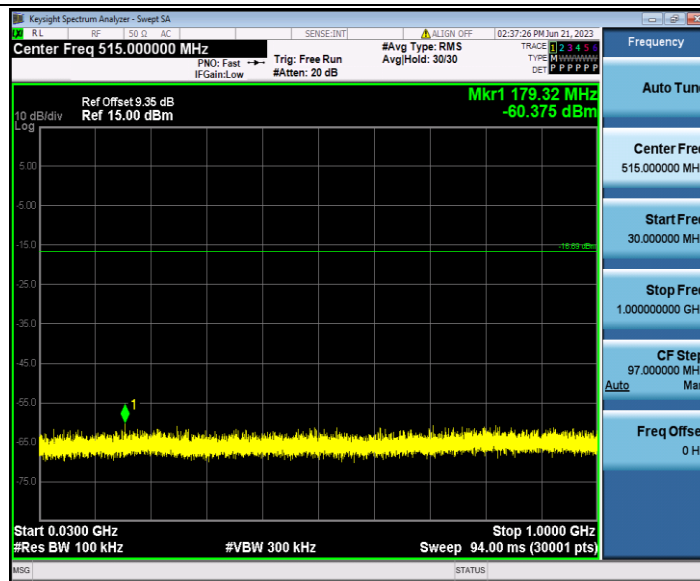
BLE_Ant1_2440_30~1000



BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000



BLE_Ant1_2480_1000~26500