

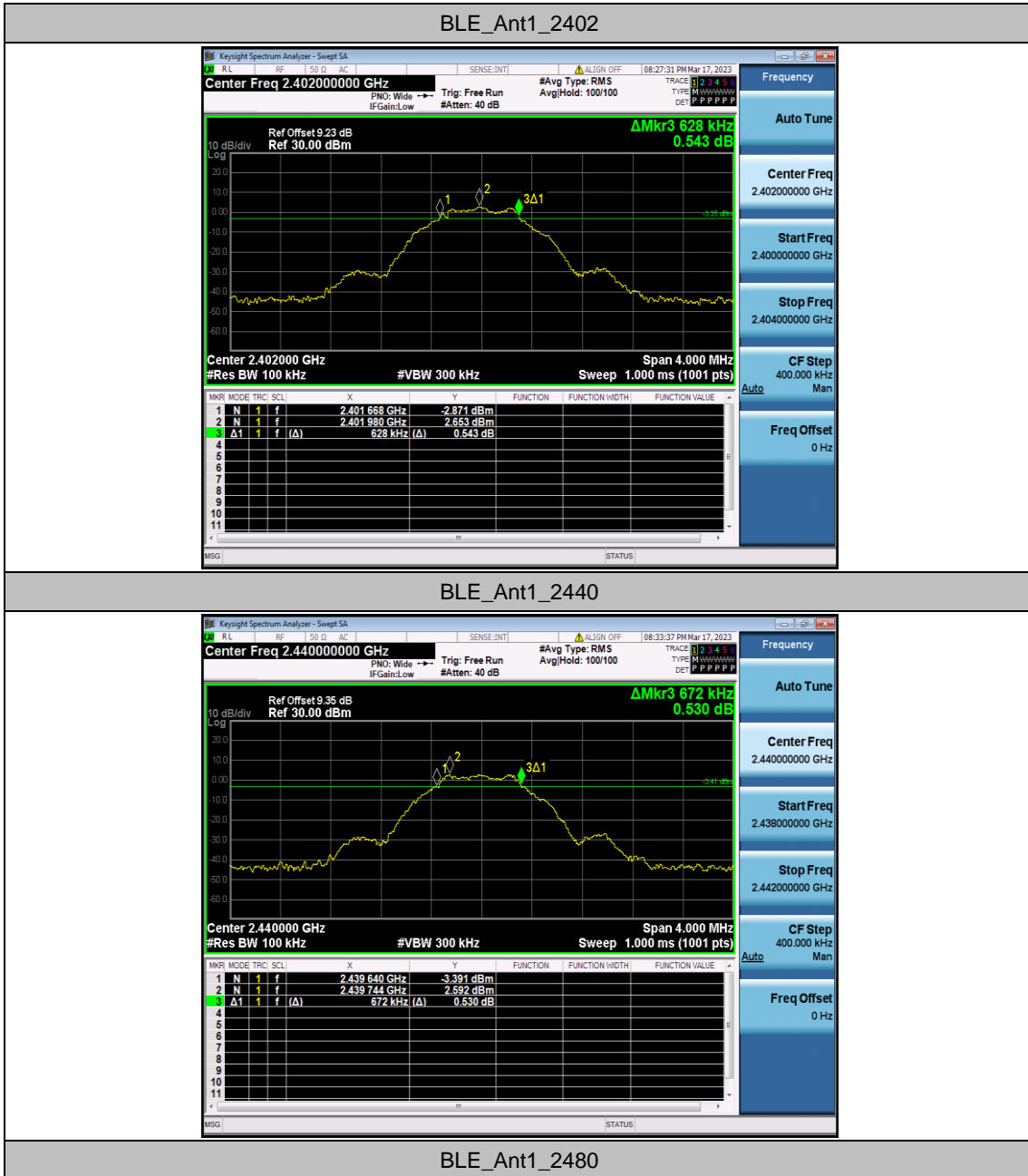
<b>Case No. :</b> <u>GTS20230224006-1-2</u>
<b>Ambient Condition:</b> <u>25</u> °C, <u>52</u> %RH, Atmos100.1Kpa,
<b>Test Date:</b> <u>2023.3.16</u> <b>Test Engineer:</b> <u>Jenny zeng</u>

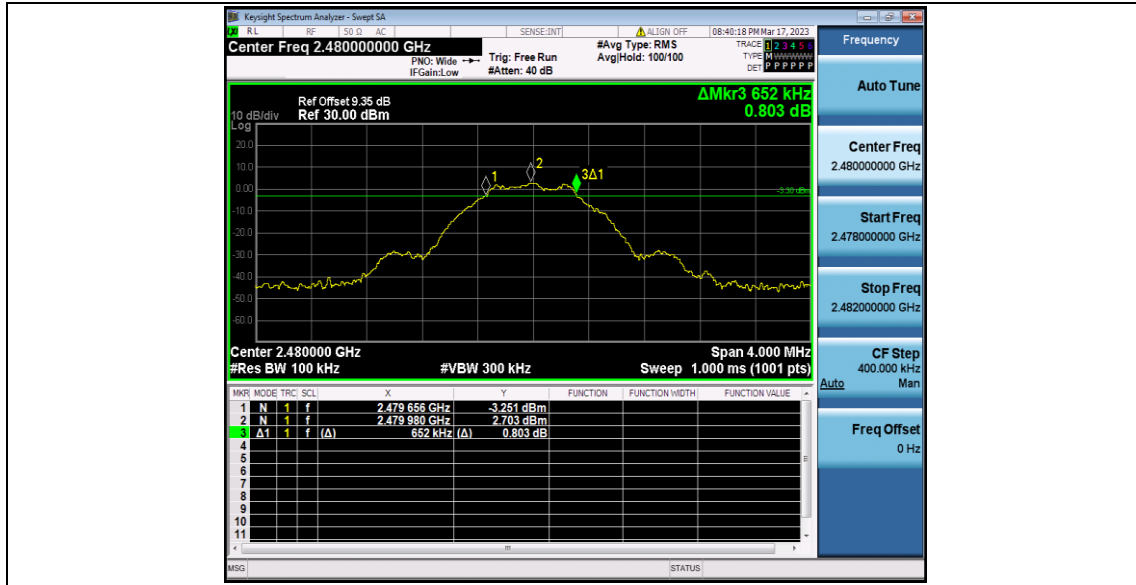
## Appendix B.1: DTS Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.628	2401.668	2402.296	0.5	PASS
		2440	0.672	2439.640	2440.312	0.5	PASS
		2480	0.652	2479.656	2480.308	0.5	PASS

## Test Graphs



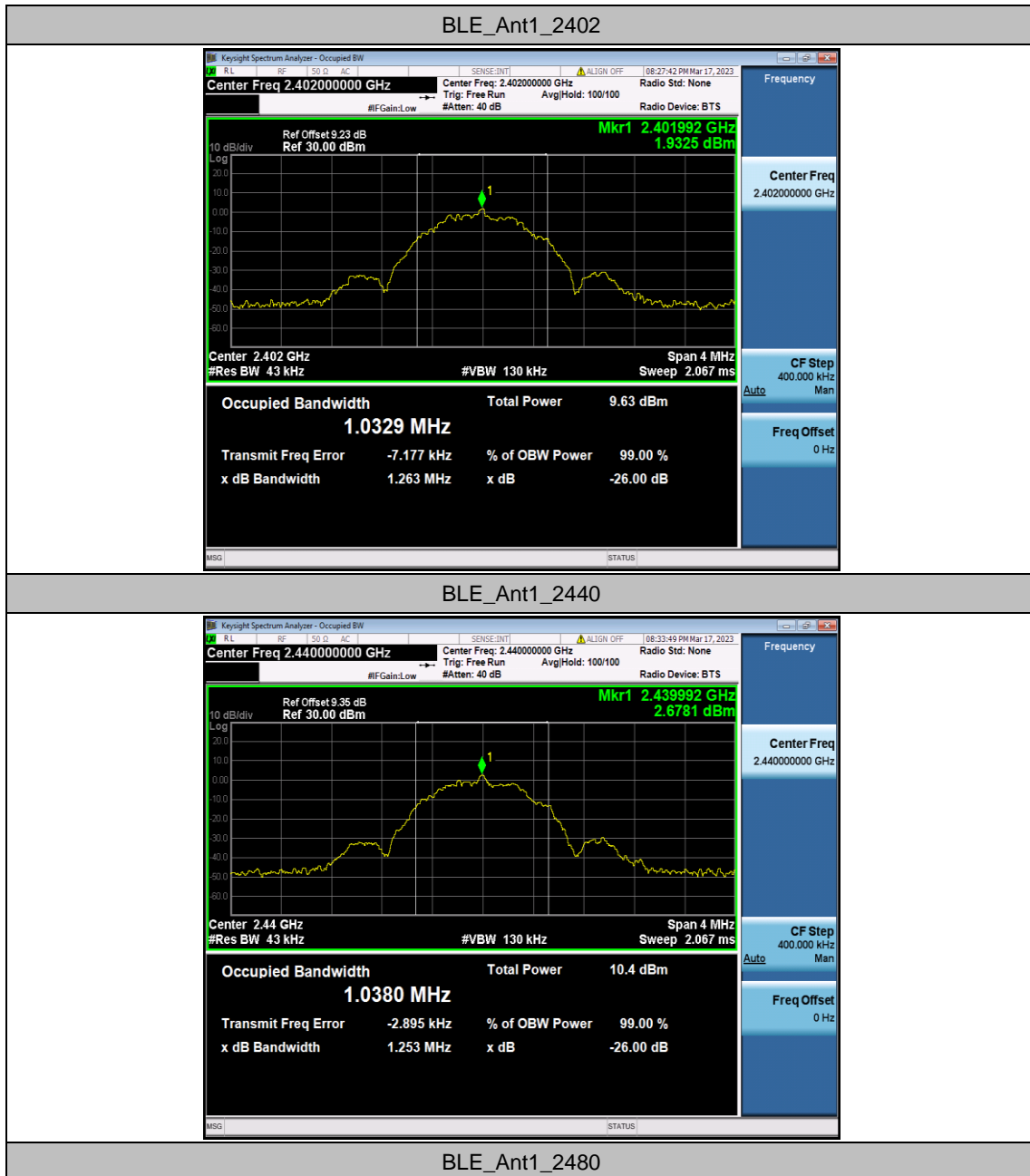


## Appendix B.2: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0329	2401.476	2402.509	---	---
		2440	1.0380	2439.478	2440.516	---	---
		2480	1.0316	2479.476	2480.508	---	---

## 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	2.94	≤30	PASS
		2440	3.7	≤30	PASS
		2480	3.13	≤30	PASS

## Appendix B.4: Maximum power spectral density

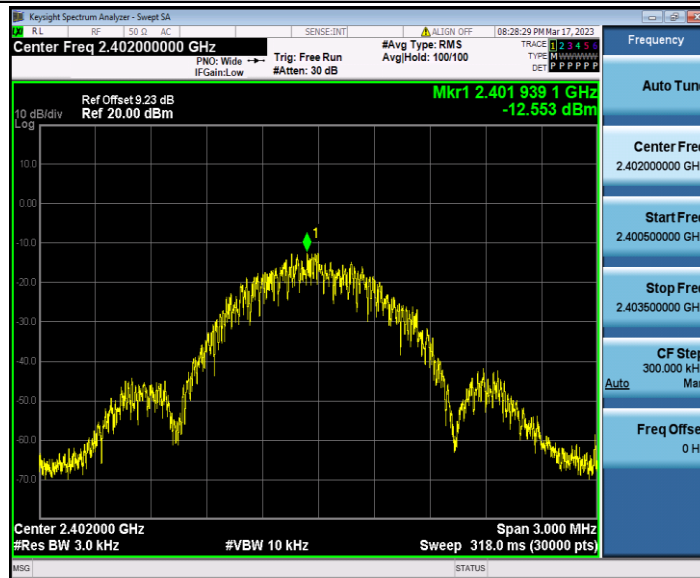
### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-12.55	≤8.00	PASS
		2440	-11.98	≤8.00	PASS
		2480	-12.26	≤8.00	PASS

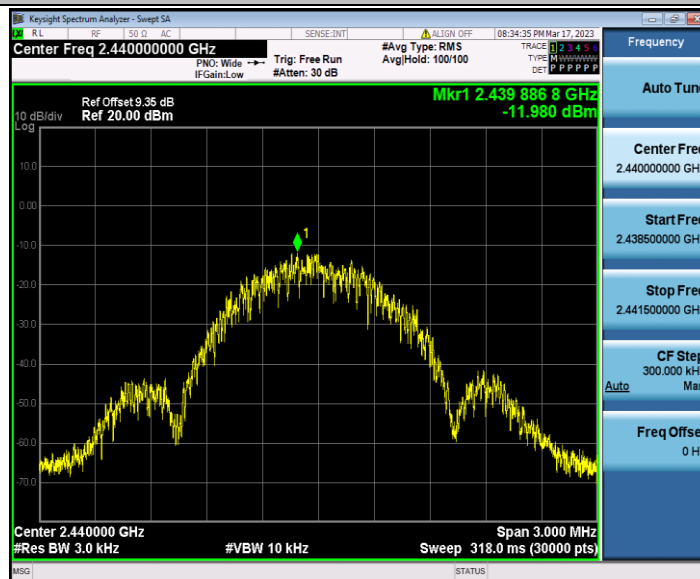


## Test Graphs

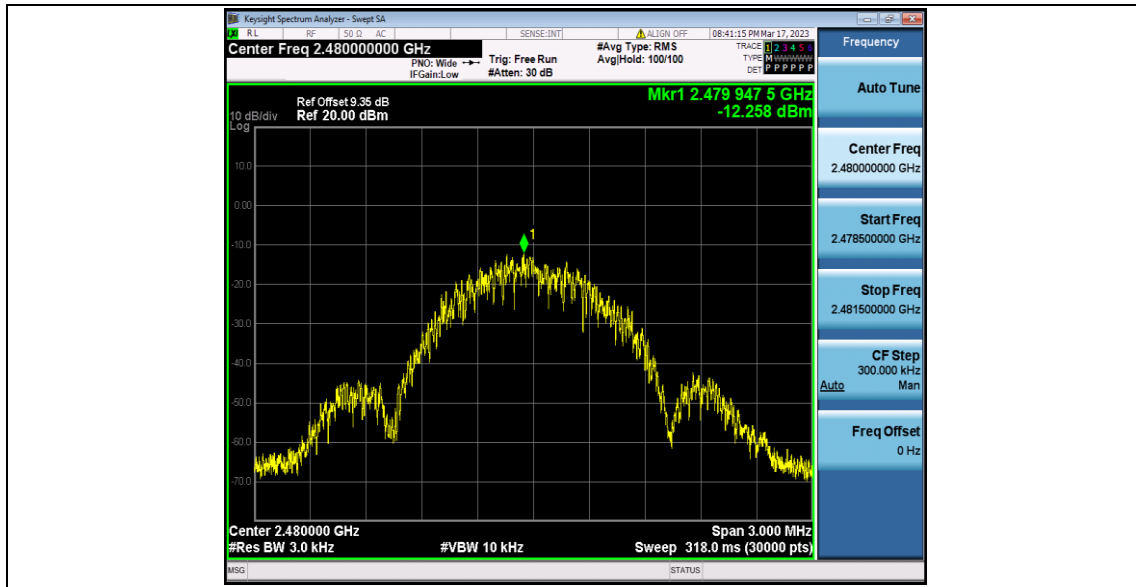
BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480

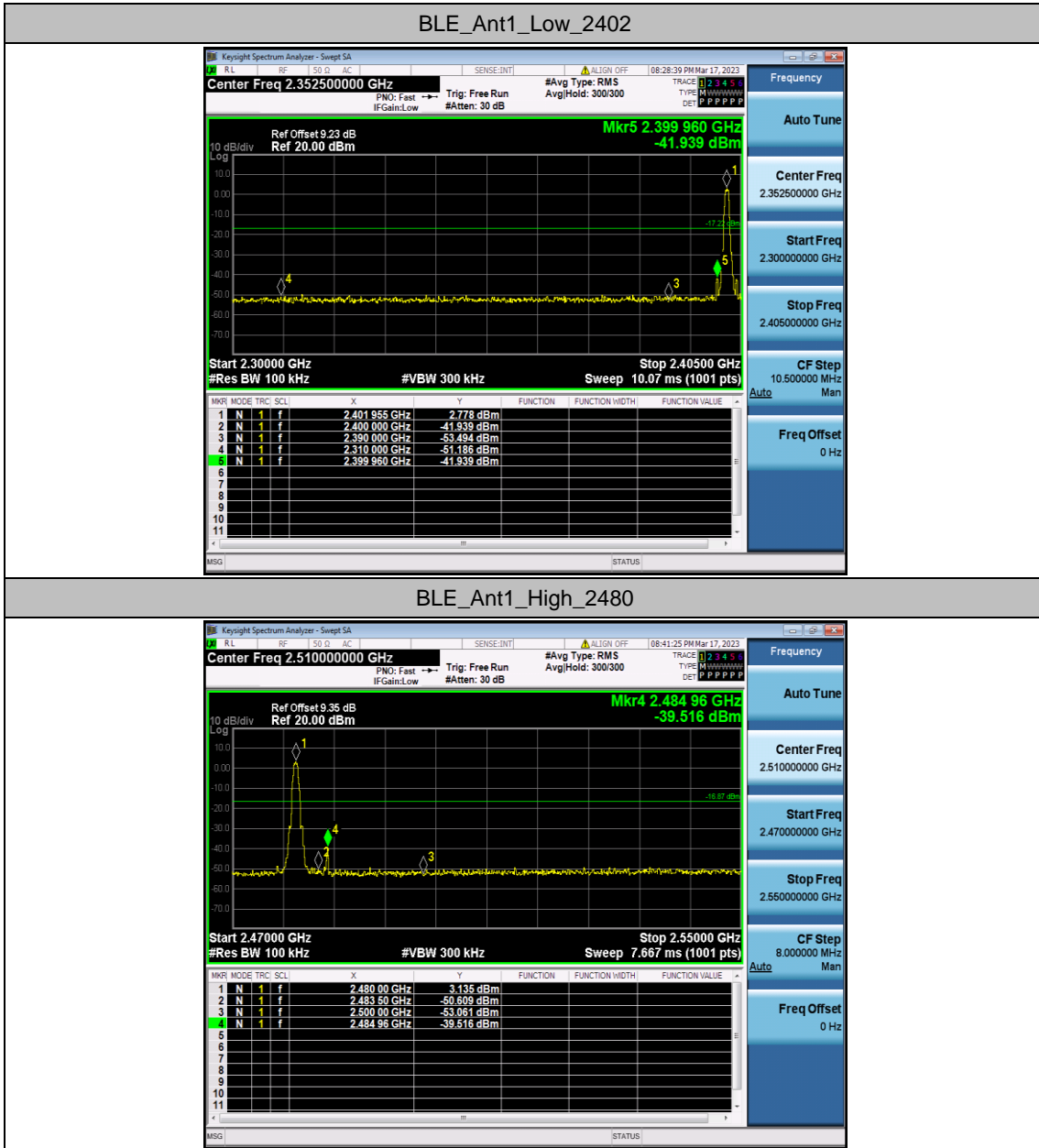


## Appendix B.5: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	2.78	-41.94	≤-17.22	PASS
		High	2480	3.14	-39.52	≤-16.87	PASS

## Test Graphs

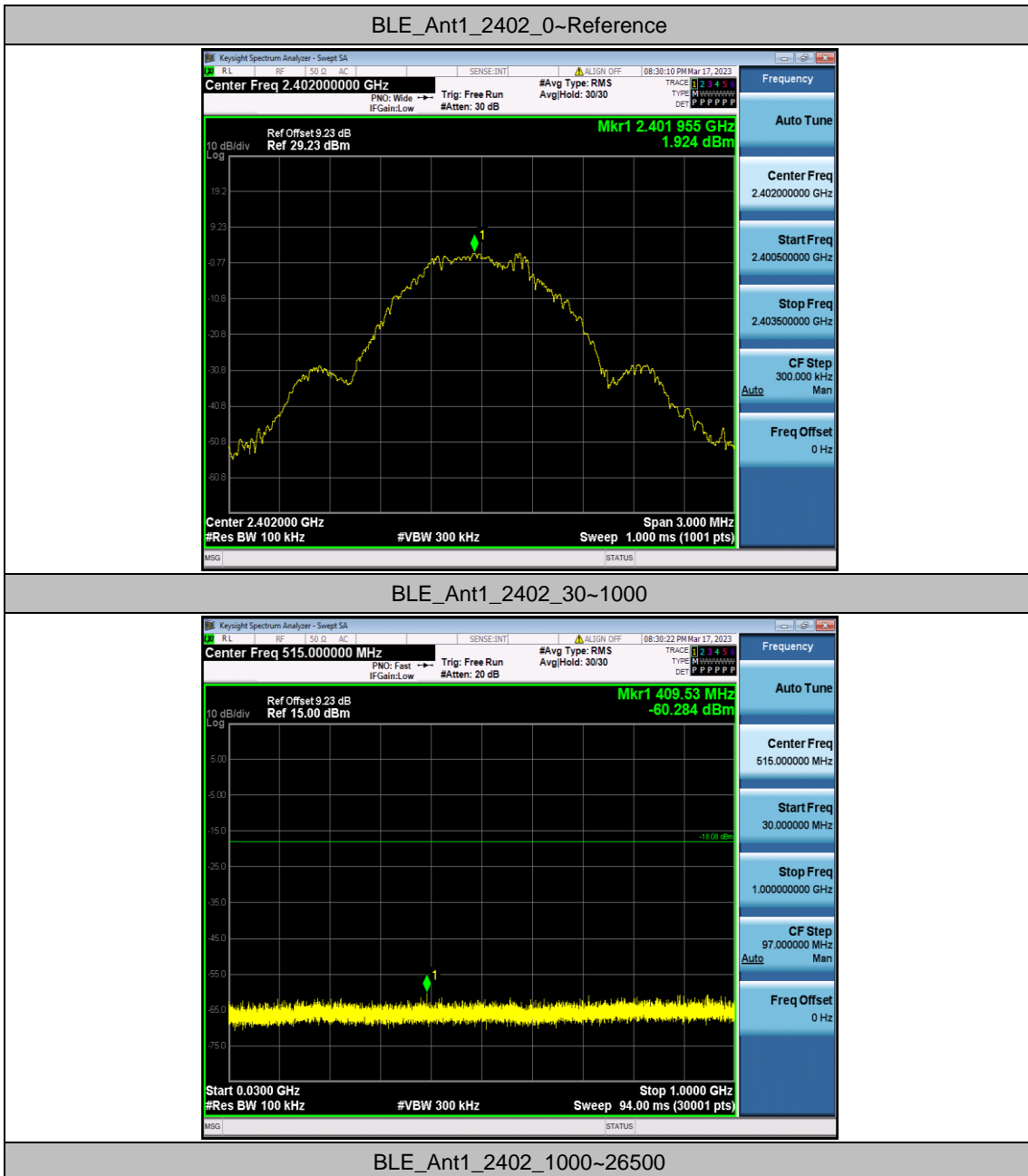


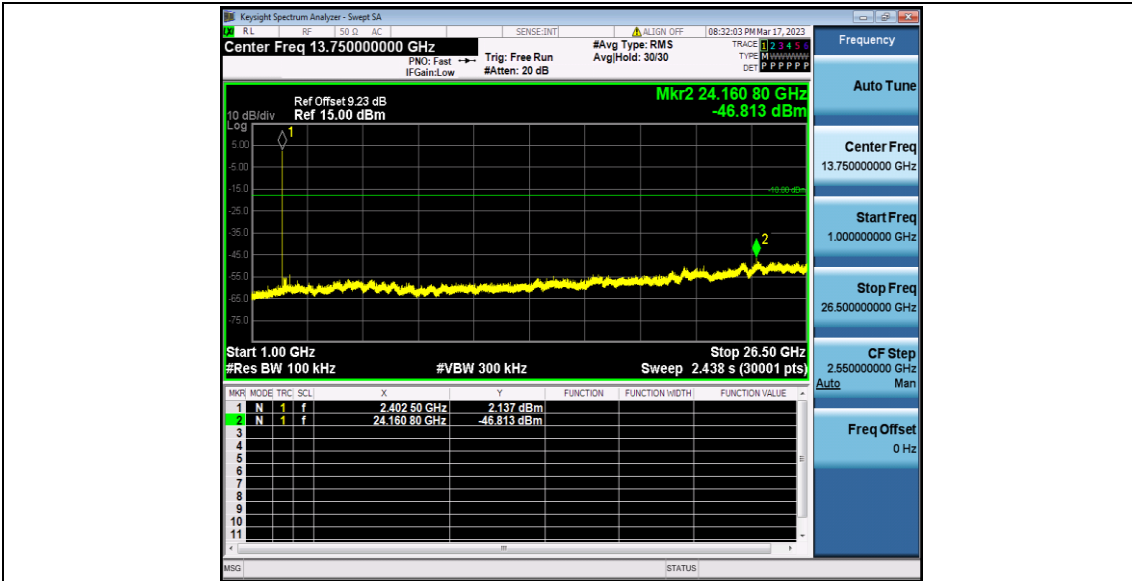
## Appendix B.6: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	1.92	1.92	---	PASS
			30~1000	1.92	-60.28	$\leq$ -18.08	PASS
			1000~26500	1.92	-46.81	$\leq$ -18.08	PASS
		2440	Reference	2.75	2.75	---	PASS
			30~1000	2.75	-61.04	$\leq$ -17.25	PASS
			1000~26500	2.75	-47.31	$\leq$ -17.25	PASS
		2480	Reference	2.17	2.17	---	PASS
			30~1000	2.17	-60.22	$\leq$ -17.83	PASS
			1000~26500	2.17	-47.88	$\leq$ -17.83	PASS

## Test Graphs

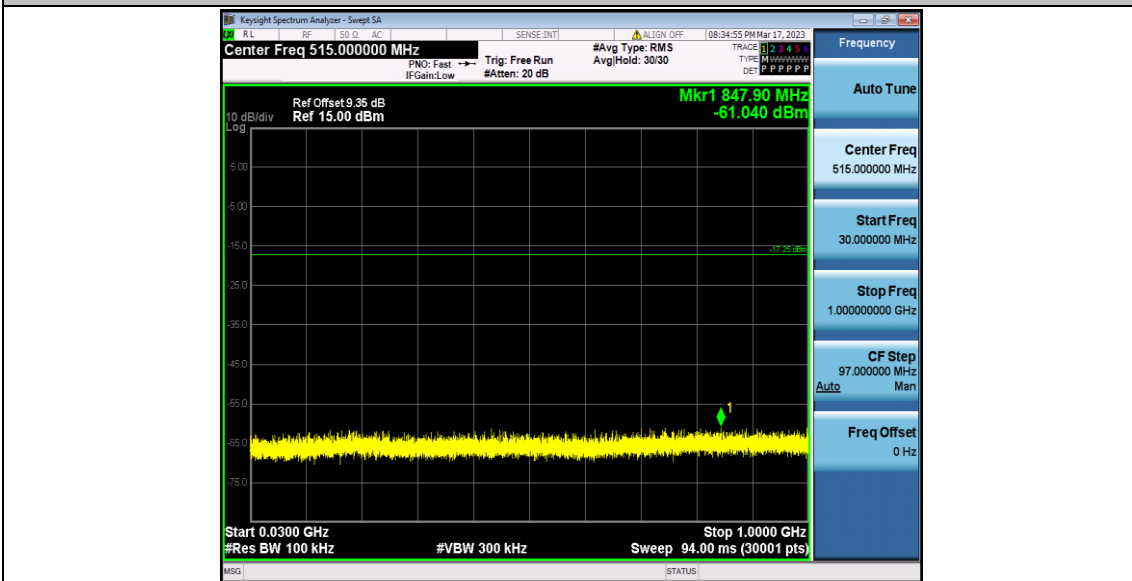




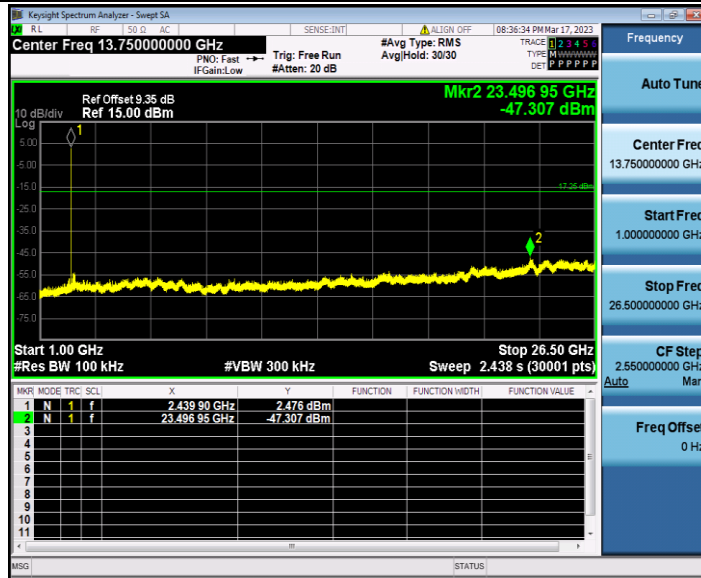
BLE\_Ant1\_2440\_0-Reference



BLE\_Ant1\_2440\_30-1000



BLE\_Ant1\_2440\_1000~26500

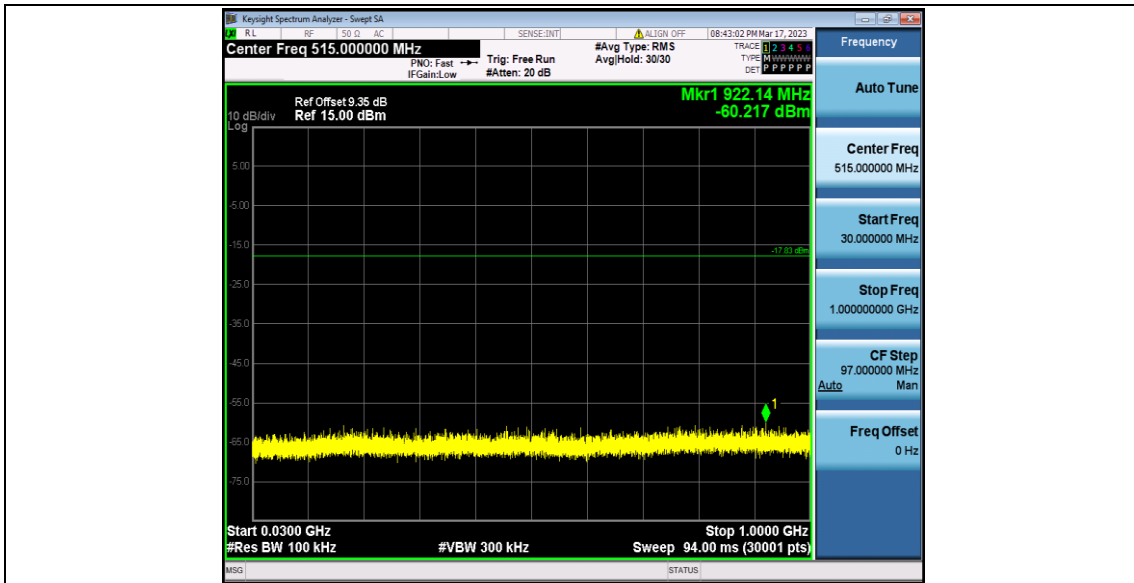


BLE\_Ant1\_2480\_0~Reference



BLE\_Ant1\_2480\_30~1000





BLE\_Ant1\_2480\_1000~26500

