

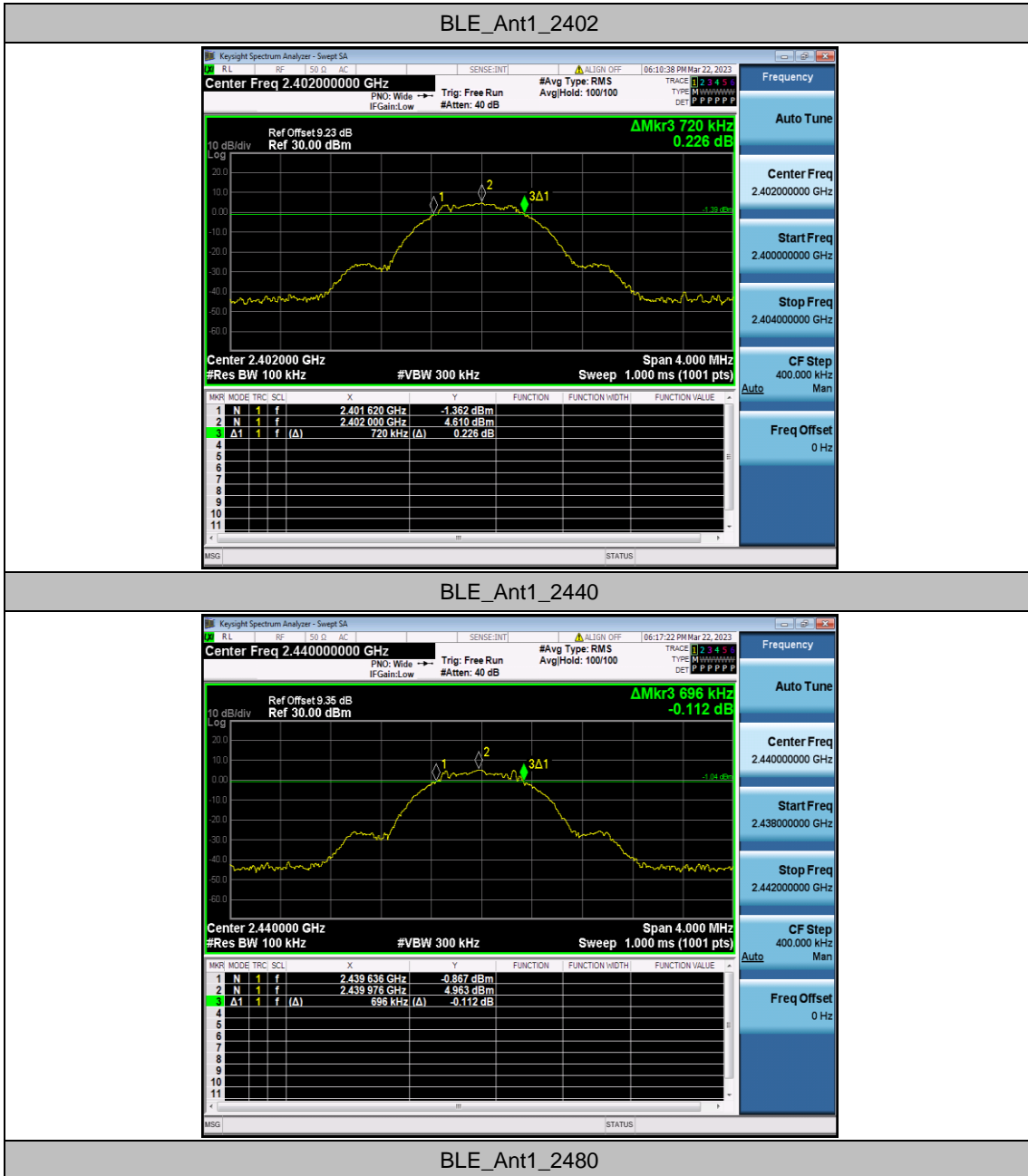
<b>Case No. :</b> <u>GTS20230203009-1-11</u>
<b>Ambient Condition:</b> <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
<b>Test Date:</b> <u>2023.3.20</u> <b>Test Engineer:</b> <u>Jenny zeng</u>

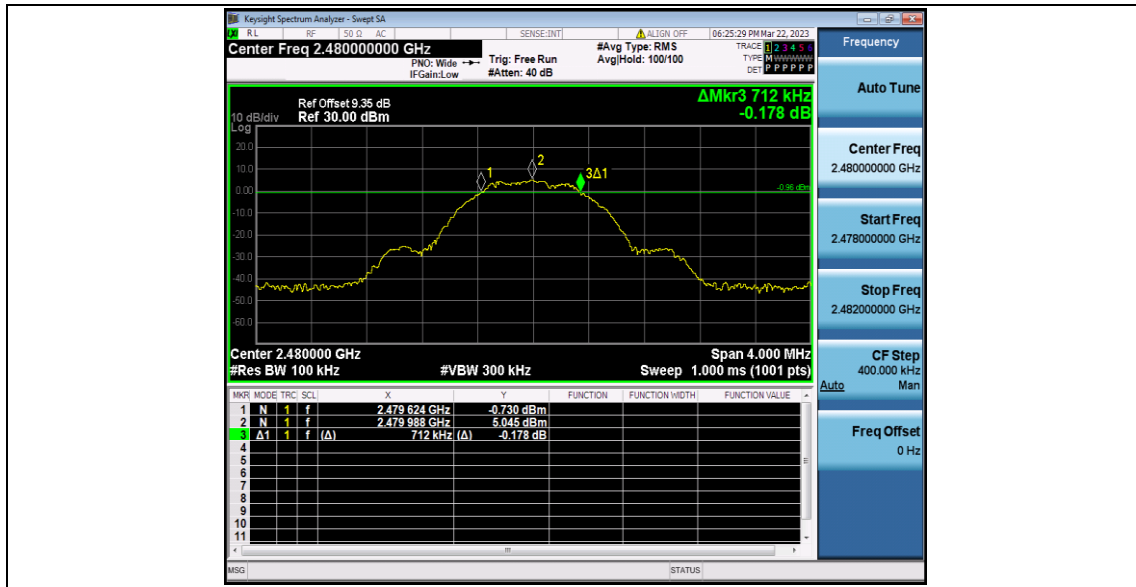
## Appendix B.1: DTS Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.720	2401.620	2402.340	0.5	PASS
		2440	0.696	2439.636	2440.332	0.5	PASS
		2480	0.712	2479.624	2480.336	0.5	PASS

## Test Graphs



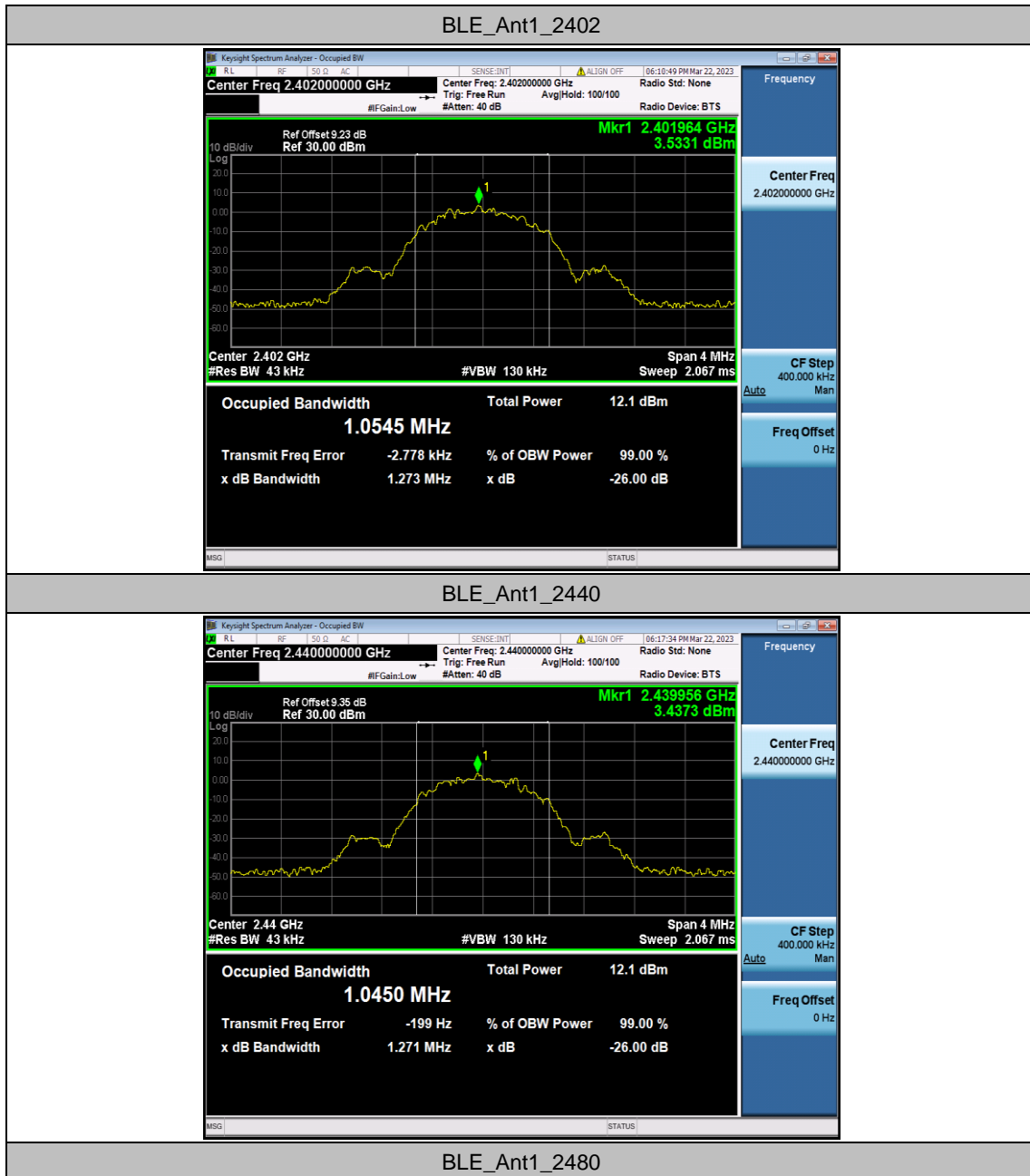


## Appendix B.2: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0545	2401.470	2402.524	---	---
		2440	1.0450	2439.477	2440.522	---	---
		2480	1.0512	2479.472	2480.523	---	---

## 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	5.69	≤30	PASS
		2440	5.98	≤30	PASS
		2480	6.07	≤30	PASS

## Appendix B.4: Maximum power spectral density

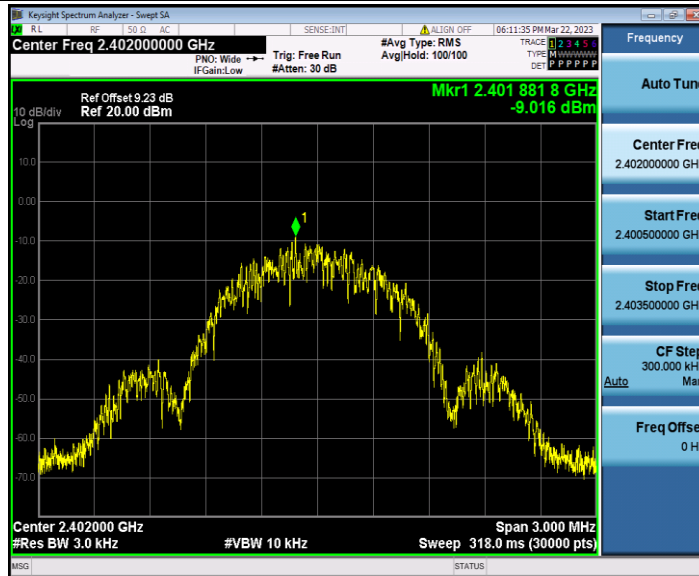
### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-9.02	≤8.00	PASS
		2440	-9.62	≤8.00	PASS
		2480	-8.91	≤8.00	PASS

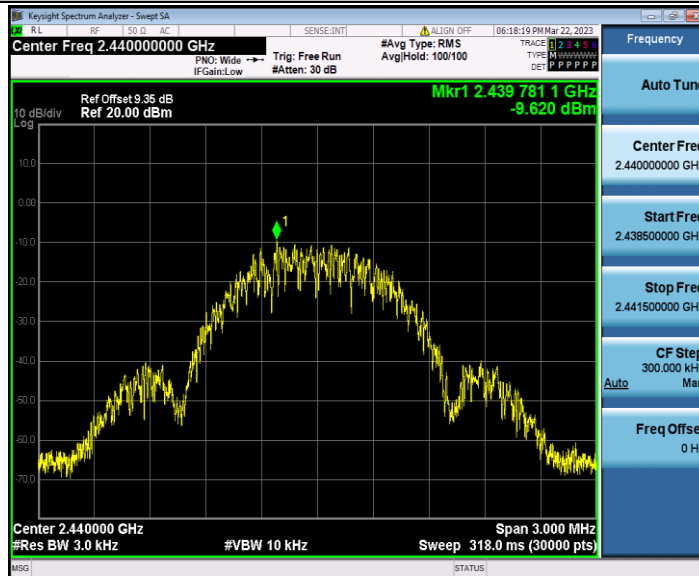


## Test Graphs

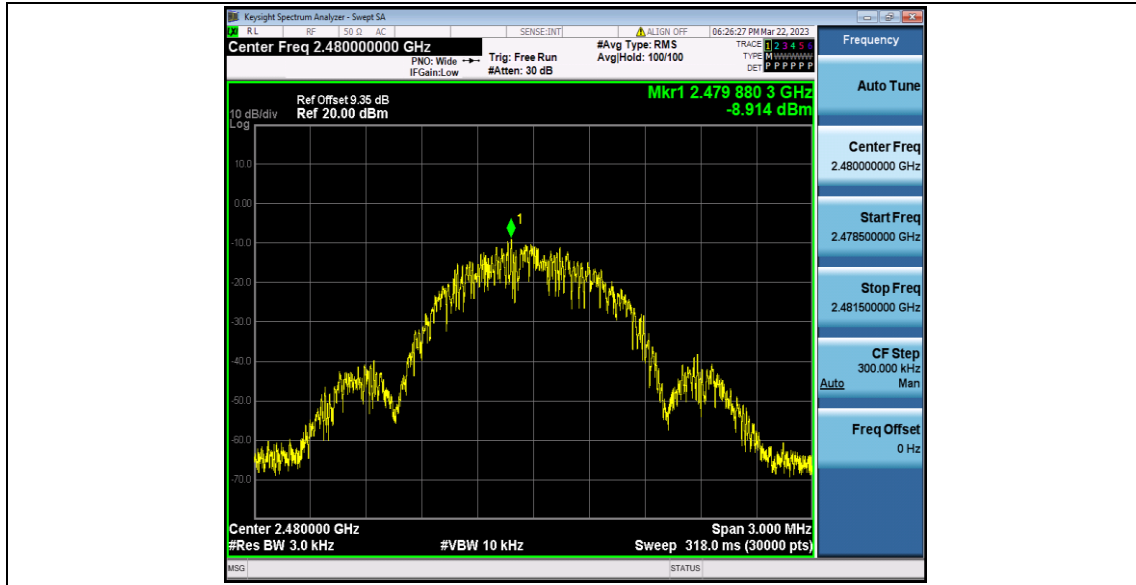
BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480

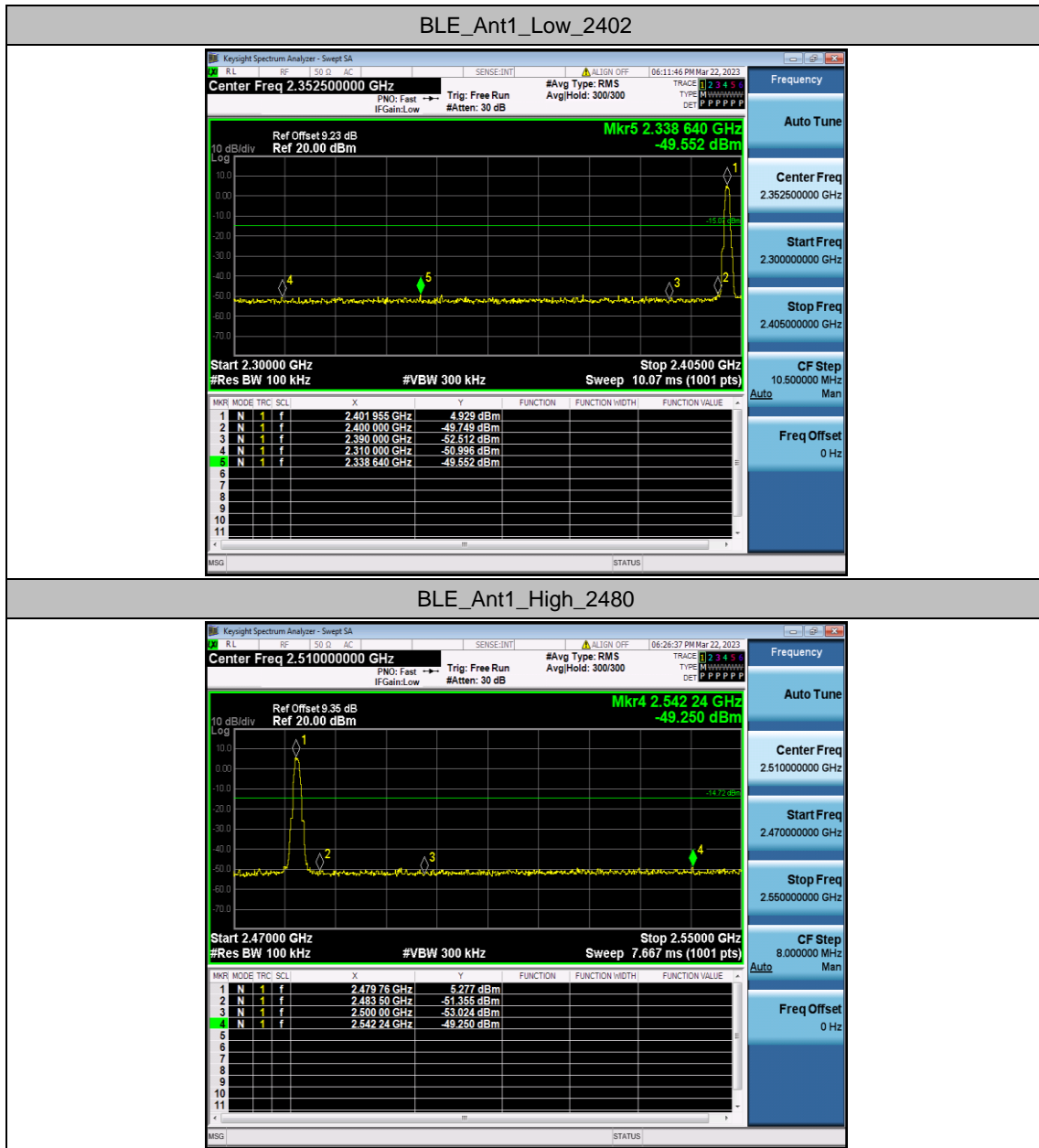


## Appendix B.5: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	4.93	-49.55	$\leq -15.07$	PASS
		High	2480	5.28	-49.25	$\leq -14.72$	PASS

## Test Graphs

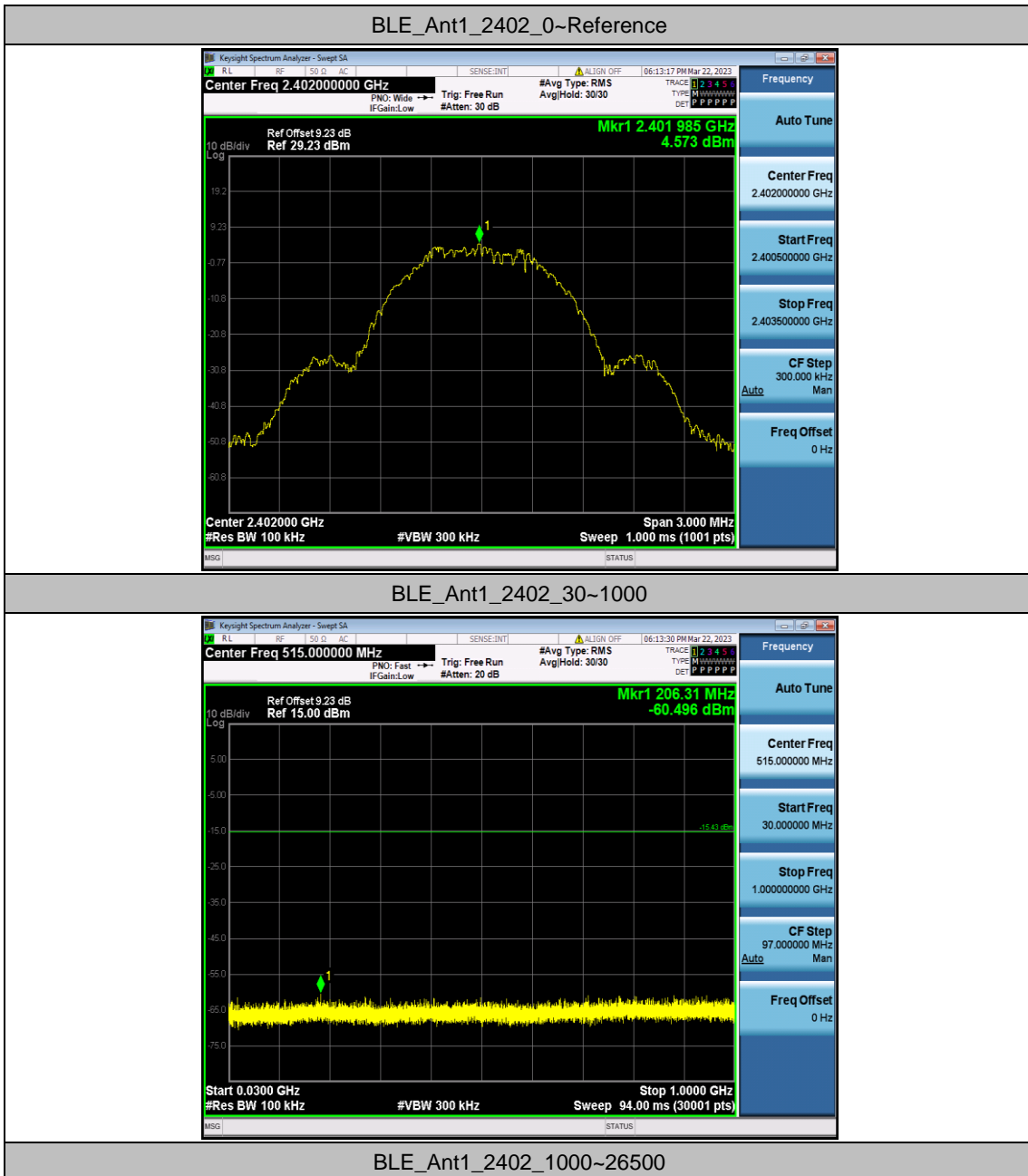


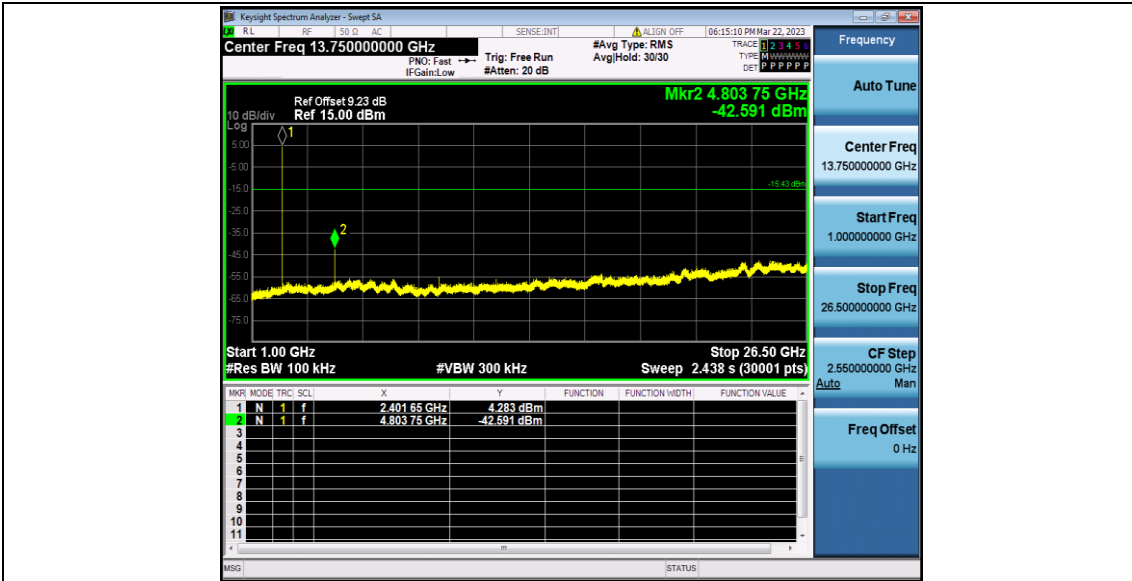
## Appendix B.6: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	4.57	4.57	---	PASS
			30~1000	4.57	-60.5	$\leq -15.43$	PASS
			1000~26500	4.57	-42.59	$\leq -15.43$	PASS
		2440	Reference	4.71	4.71	---	PASS
			30~1000	4.71	-59.73	$\leq -15.29$	PASS
			1000~26500	4.71	-44.58	$\leq -15.29$	PASS
		2480	Reference	5.14	5.14	---	PASS
			30~1000	5.14	-59.86	$\leq -14.86$	PASS
			1000~26500	5.14	-46.48	$\leq -14.86$	PASS

## Test Graphs

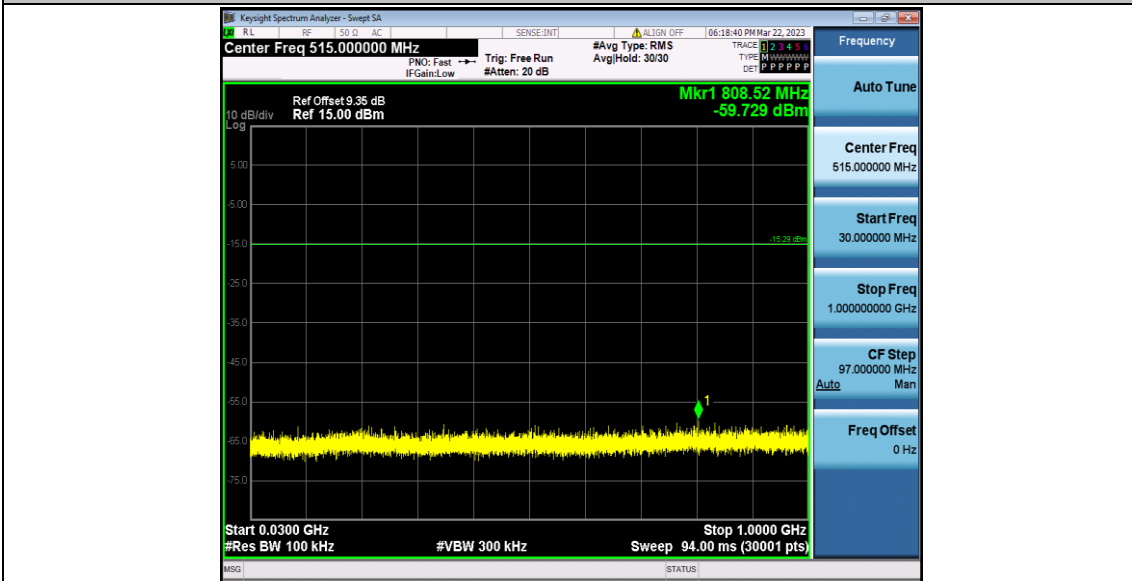




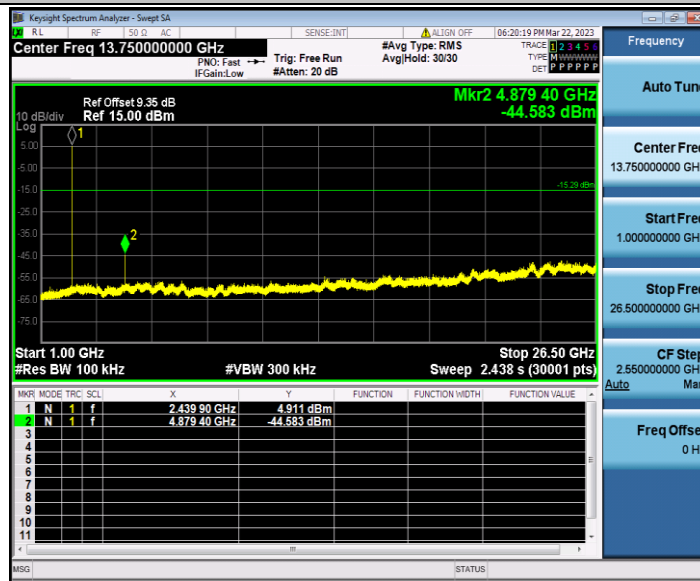
BLE\_Ant1\_2440\_0-Reference



BLE\_Ant1\_2440\_30~1000



BLE\_Ant1\_2440\_1000~26500

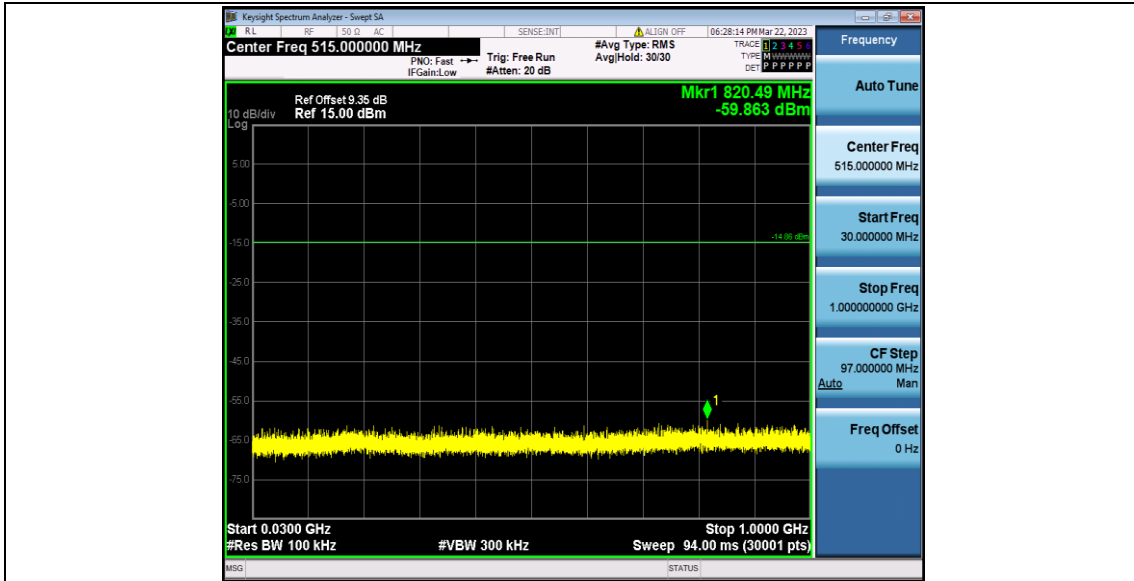


BLE\_Ant1\_2480\_0~Reference



BLE\_Ant1\_2480\_30~1000





BLE\_Ant1\_2480\_1000~26500

