

<b>Case No. :</b> <u>GTS20230203009-1-31</u>
<b>Ambient Condition:</b> <u>22</u> °C, <u>51</u> %RH, Atmos100.1Kpa,
<b>Test Date:</b> <u>2023.3.9</u> <b>Test Engineer:</b> <u>Jenny zeng</u>

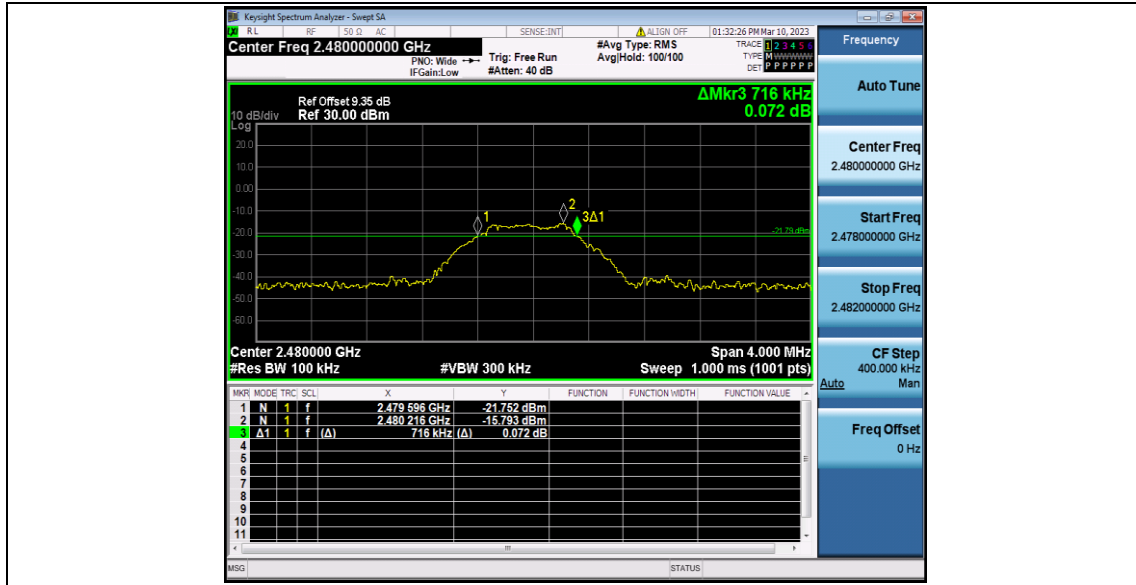
## Appendix B.1: DTS Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.720	2401.596	2402.316	0.5	PASS
		2440	0.692	2439.612	2440.304	0.5	PASS
		2480	0.716	2479.596	2480.312	0.5	PASS

## Test Graphs



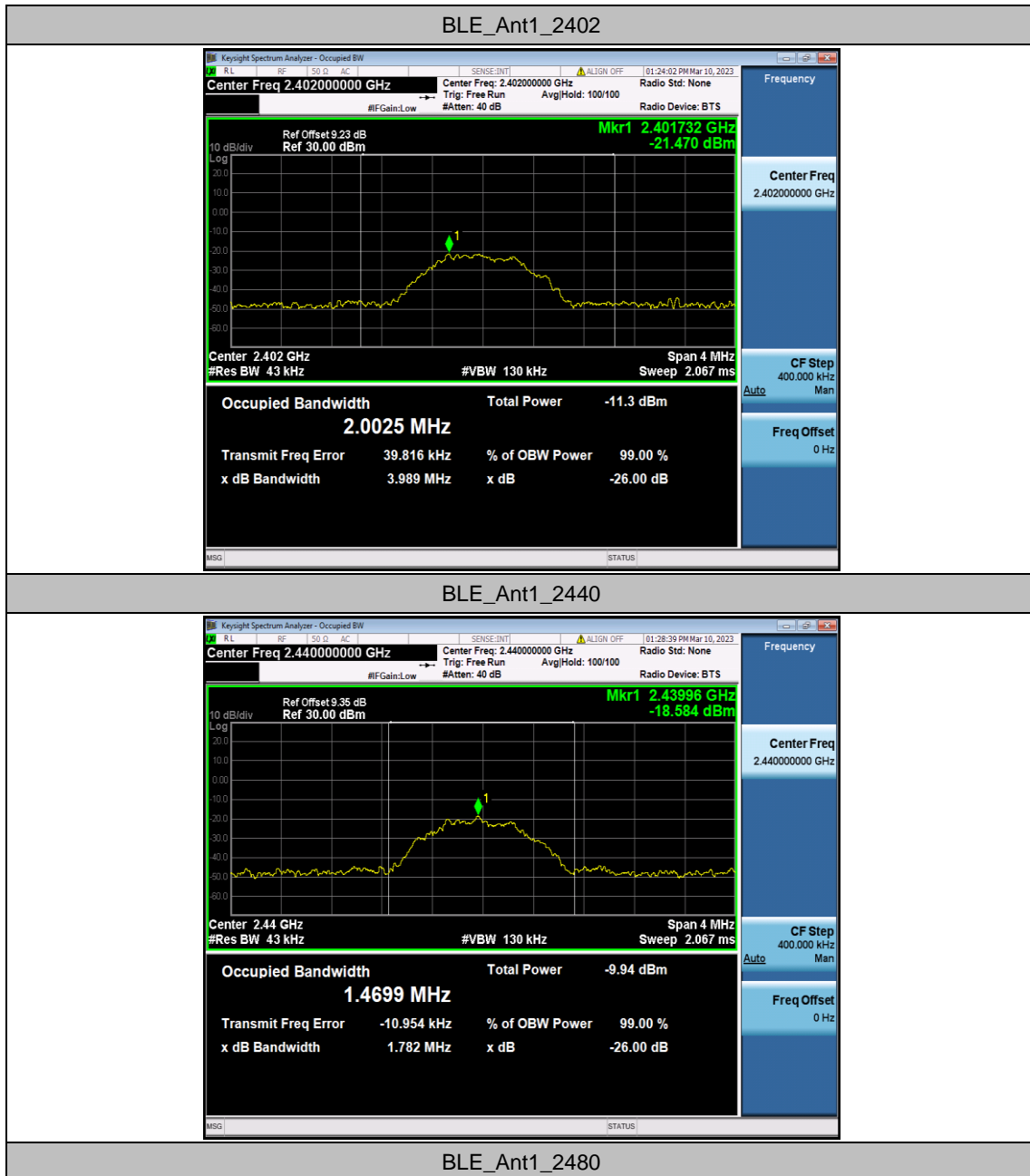


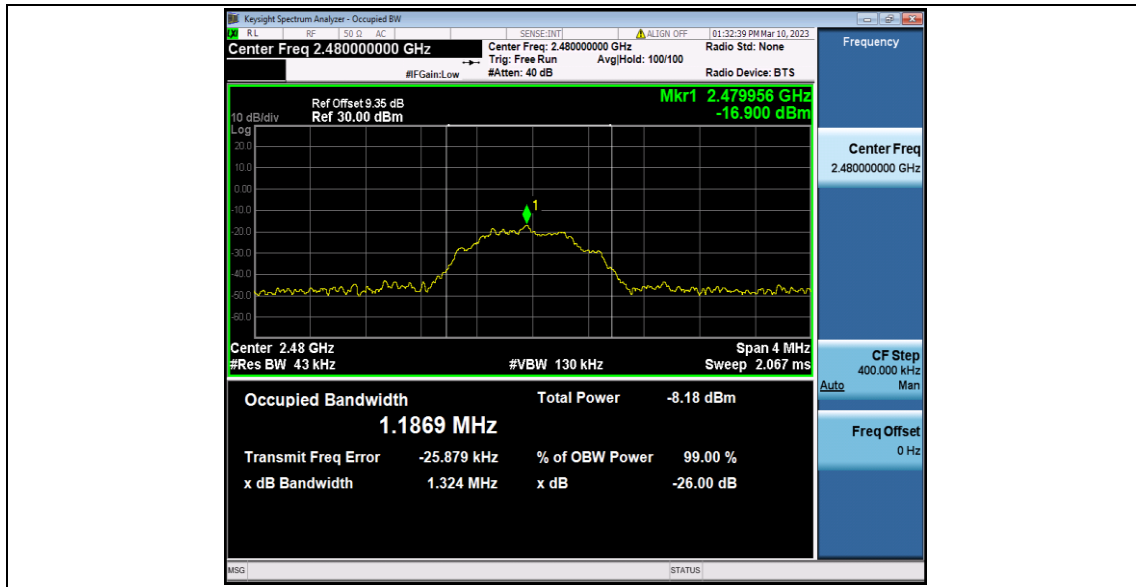
## Appendix B.2: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	2.0025	2401.039	2403.041	---	---
		2440	1.4699	2439.254	2440.724	---	---
		2480	1.1869	2479.381	2480.568	---	---

## 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	-13.11	≤30	PASS
		2440	-13.97	≤30	PASS
		2480	-13.48	≤30	PASS

## Appendix B.4: Maximum power spectral density

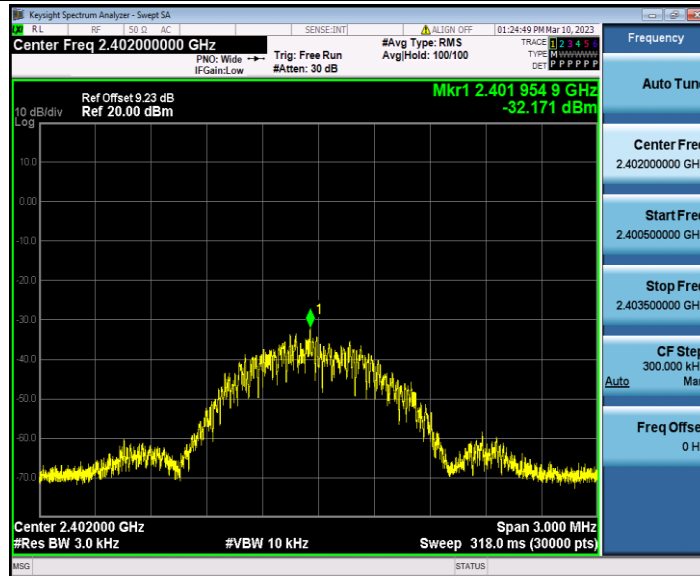
### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-32.17	≤8.00	PASS
		2440	-30.76	≤8.00	PASS
		2480	-28.96	≤8.00	PASS

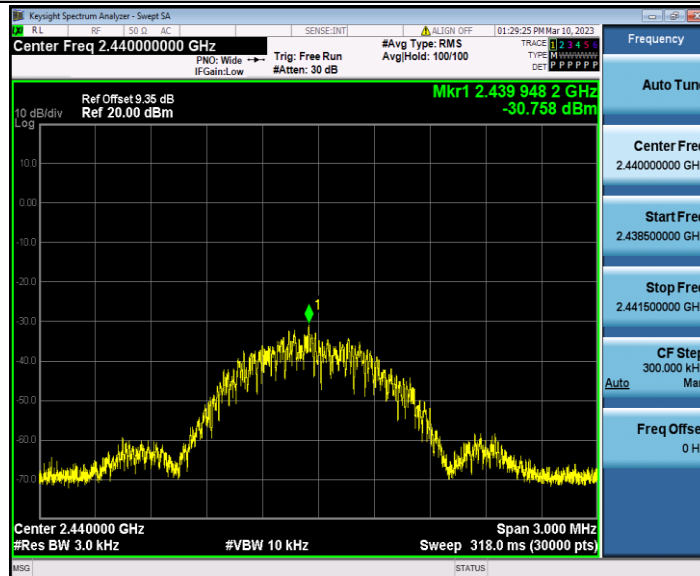


## Test Graphs

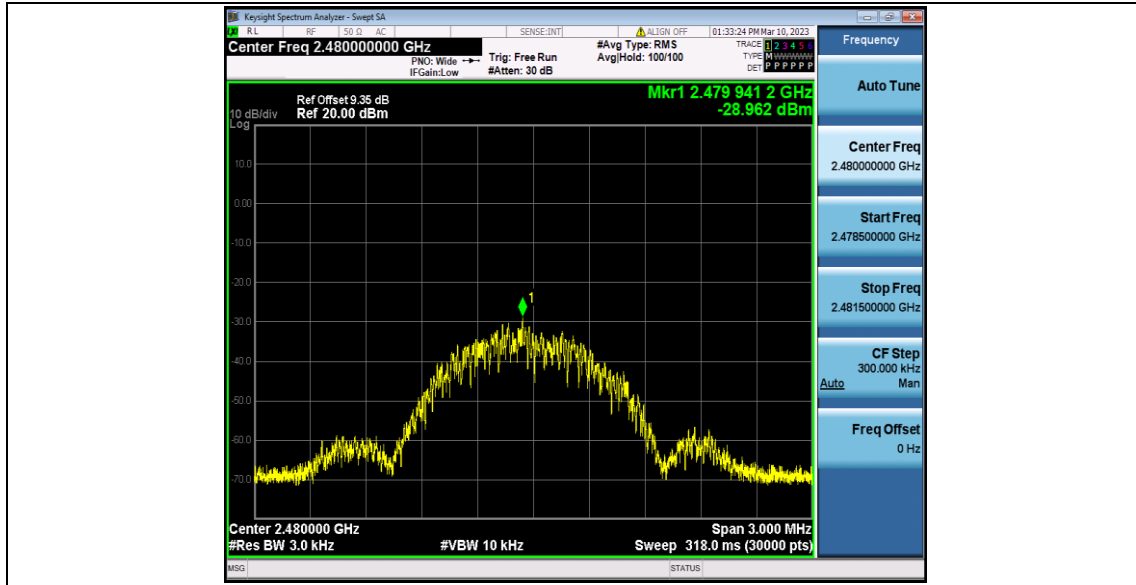
BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480

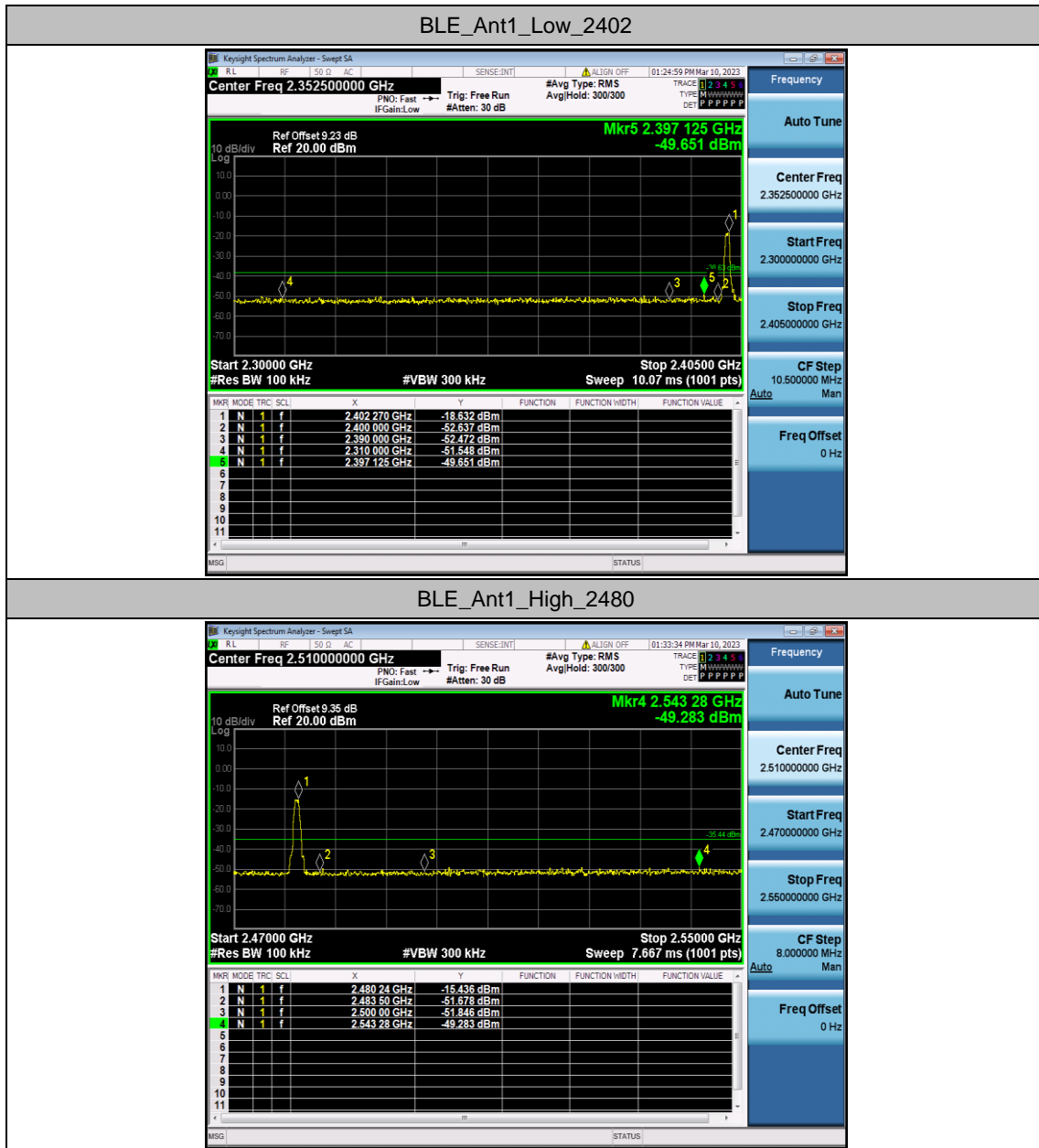


## Appendix B.5: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	-18.63	-49.65	$\leq -38.63$	PASS
		High	2480	-15.44	-49.28	$\leq -35.44$	PASS

## Test Graphs

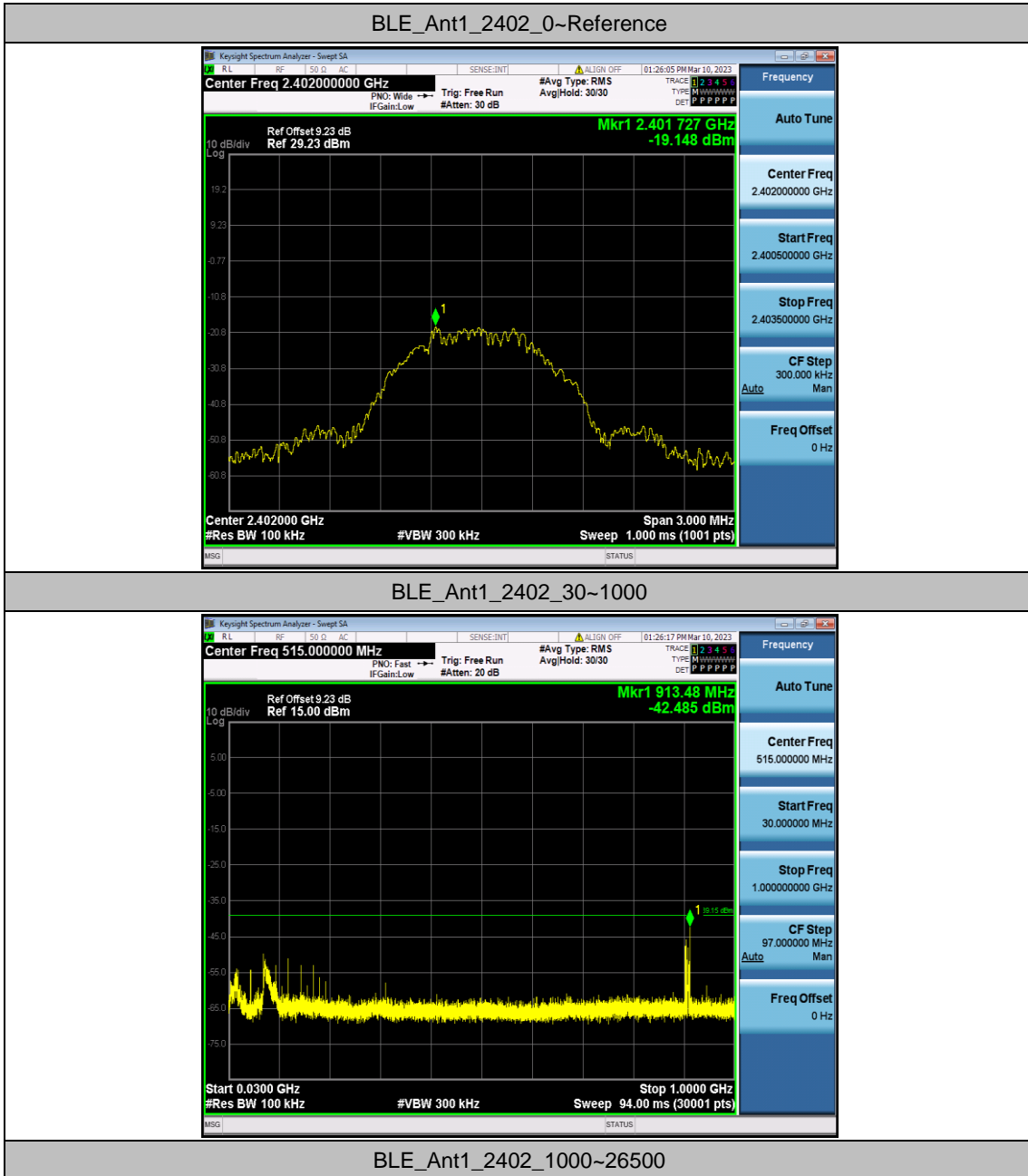


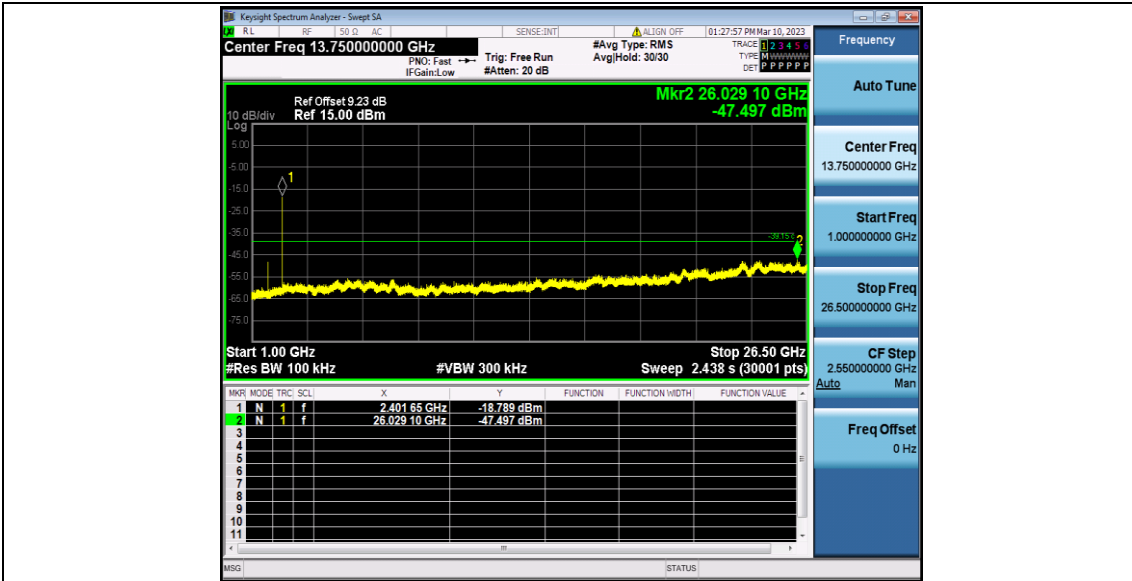
## Appendix B.6: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	-19.15	-19.15	---	PASS
			30~1000	-19.15	-42.49	$\leq -39.15$	PASS
			1000~26500	-19.15	-47.5	$\leq -39.15$	PASS
		2440	Reference	-17.86	-17.86	---	PASS
			30~1000	-17.86	-48.69	$\leq -37.86$	PASS
			1000~26500	-17.86	-47.28	$\leq -37.86$	PASS
		2480	Reference	-10.94	-10.94	---	PASS
			30~1000	-10.94	-60.02	$\leq -30.94$	PASS
			1000~26500	-10.94	-47.59	$\leq -30.94$	PASS

## Test Graphs

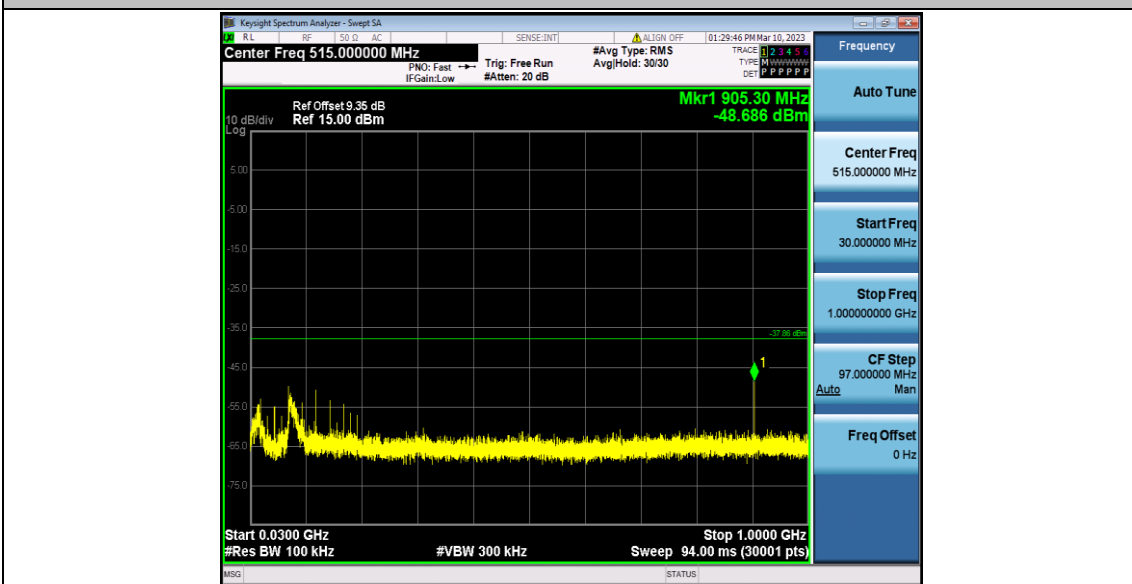




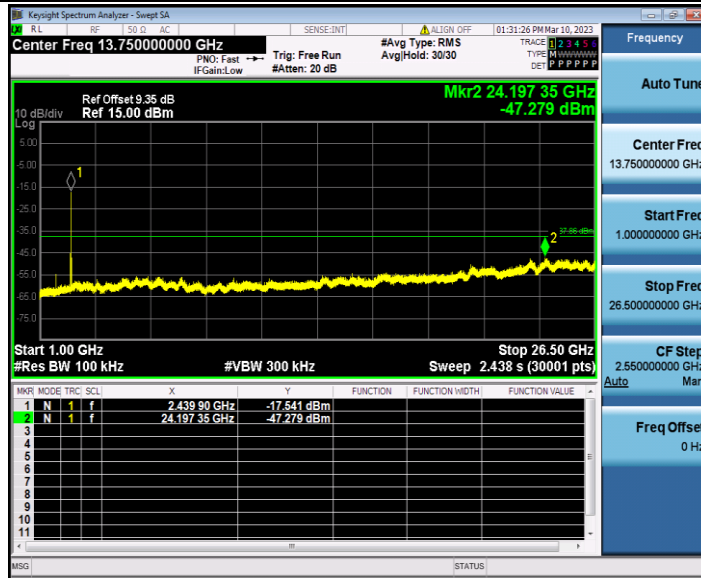
BLE\_Ant1\_2440\_0-Reference



BLE\_Ant1\_2440\_30-1000



BLE\_Ant1\_2440\_1000~26500

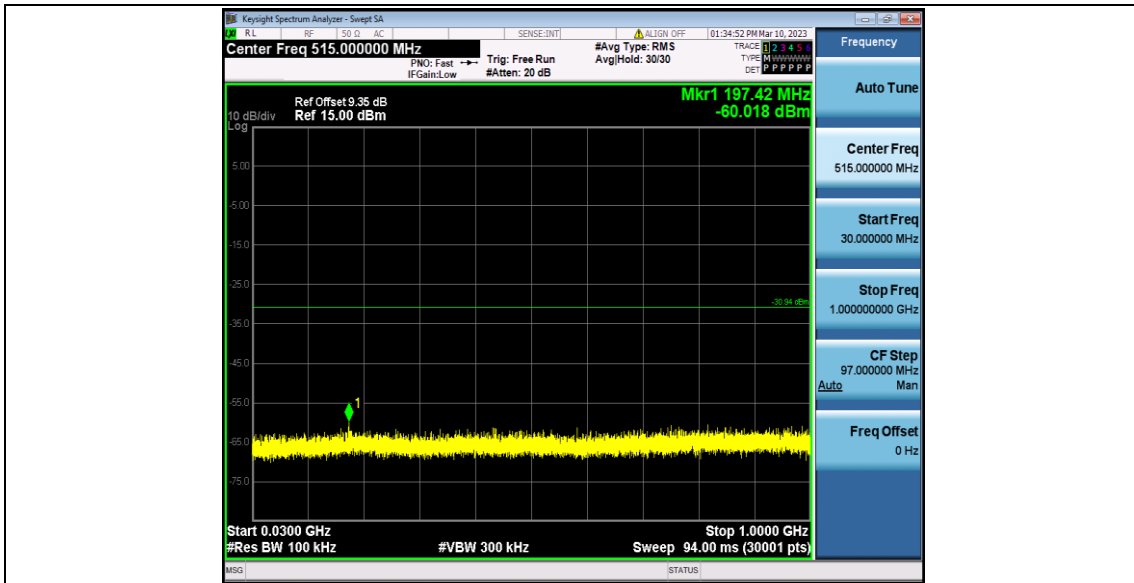


BLE\_Ant1\_2480\_0~Reference



BLE\_Ant1\_2480\_30~1000





BLE\_Ant1\_2480\_1000~26500

