

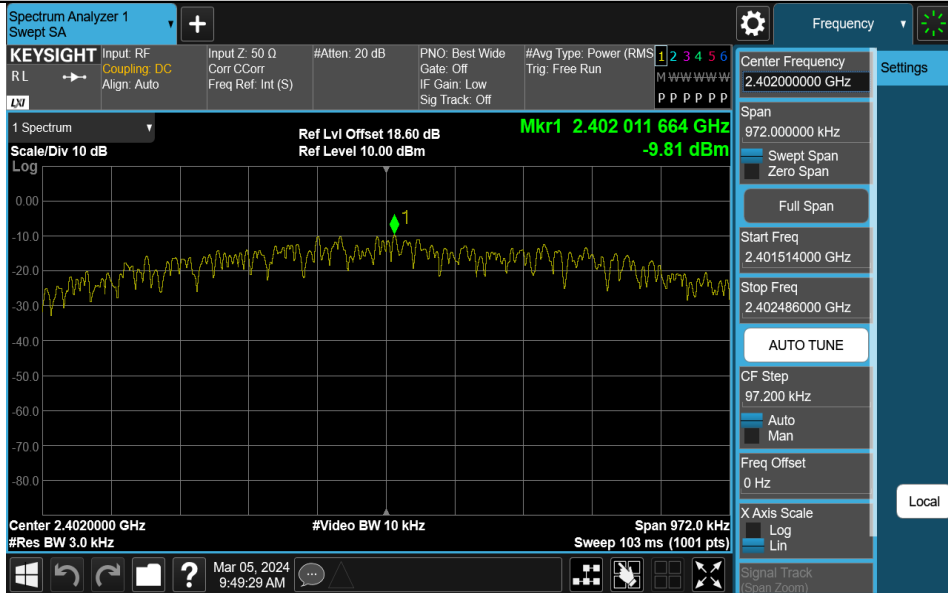
## Appendix C: Maximum power spectral density

## Test Result

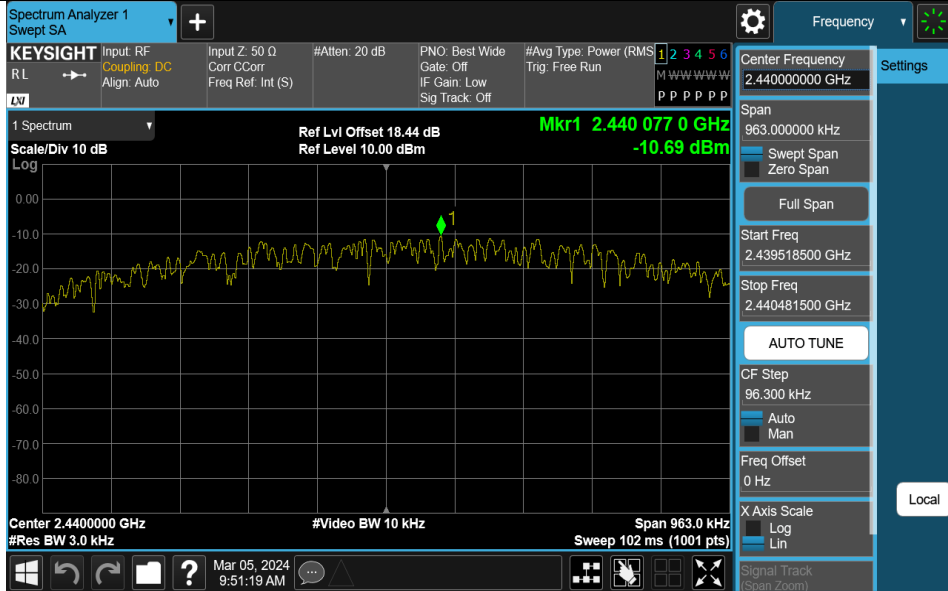
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.81	≤8.00	PASS
BLE_1M	Ant1	2440	-10.69	≤8.00	PASS
BLE_1M	Ant1	2480	-11.06	≤8.00	PASS
BLE_2M	Ant1	2402	-12.44	≤8.00	PASS
BLE_2M	Ant1	2440	-12.57	≤8.00	PASS
BLE_2M	Ant1	2480	-12.63	≤8.00	PASS

### Test Graphs

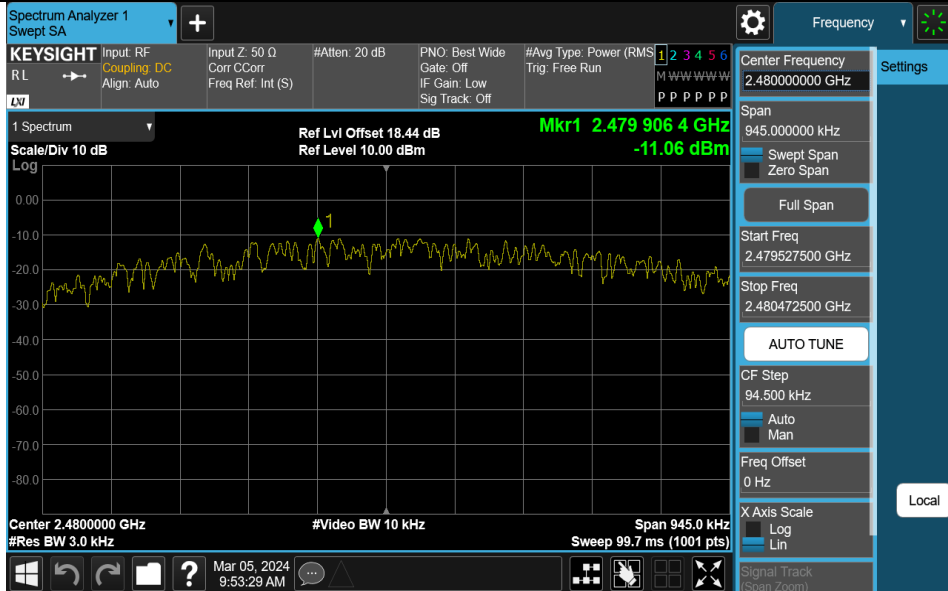
#### BLE\_1M-Ant1-2402-PASS



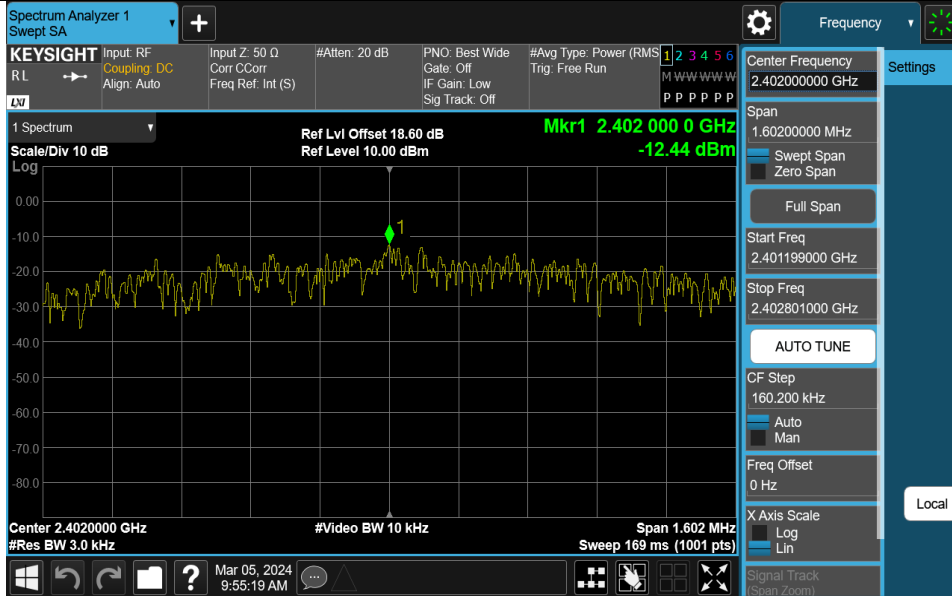
#### BLE\_1M-Ant1-2440-PASS



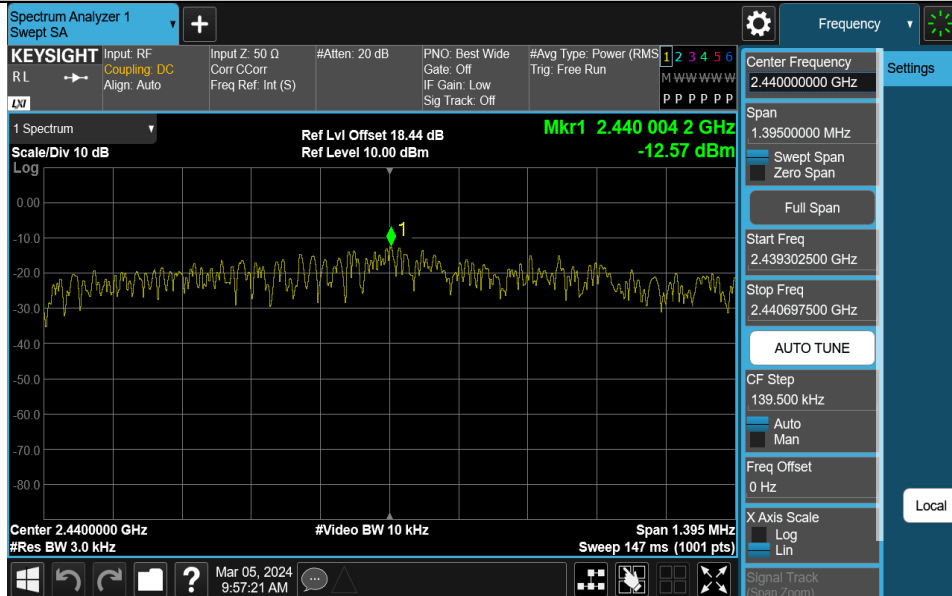
#### BLE\_1M-Ant1-2480-PASS



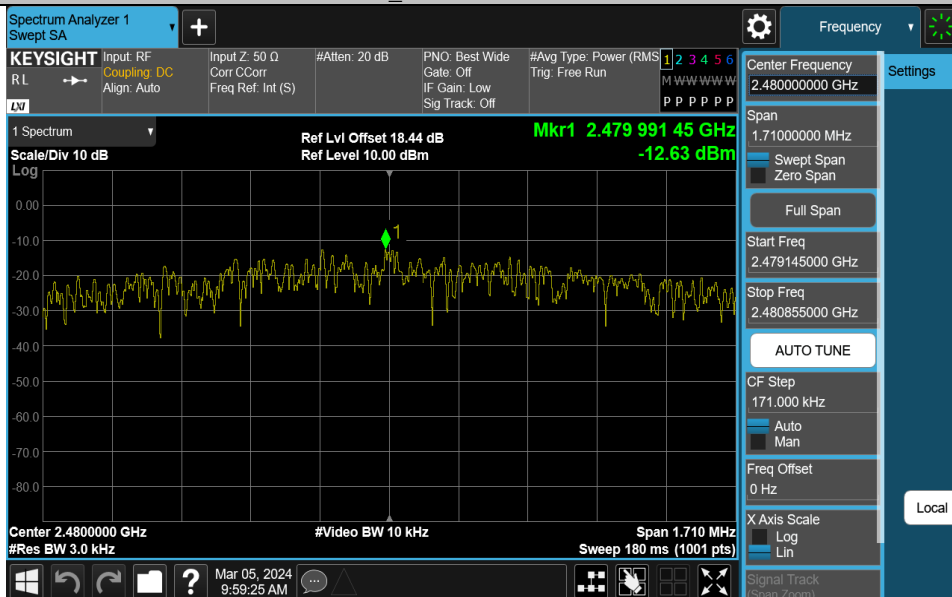
## BLE\_2M-Ant1-2402-PASS



## BLE\_2M-Ant1-2440-PASS



## BLE\_2M-Ant1-2480-PASS



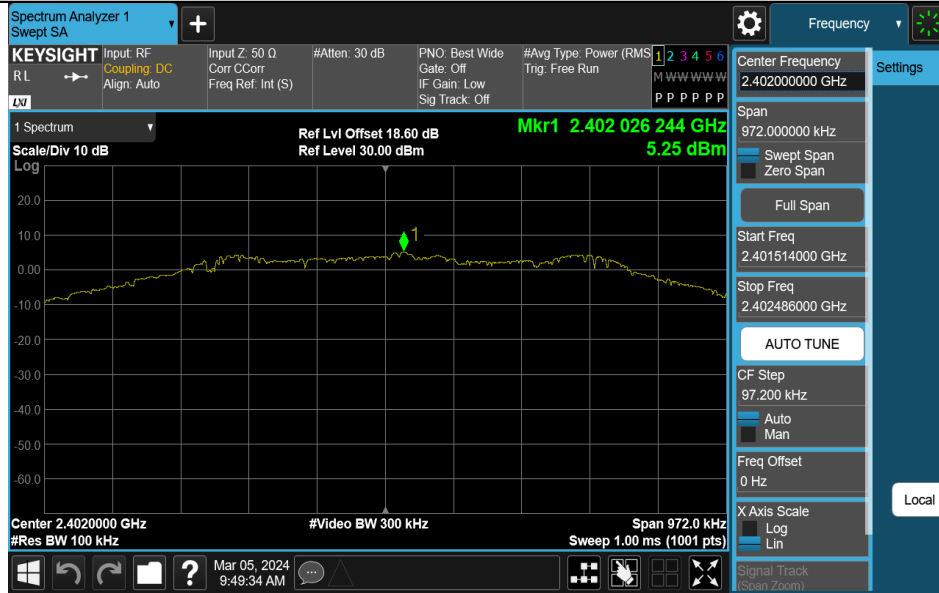
## Appendix D: Reference level measurement

## Test Result

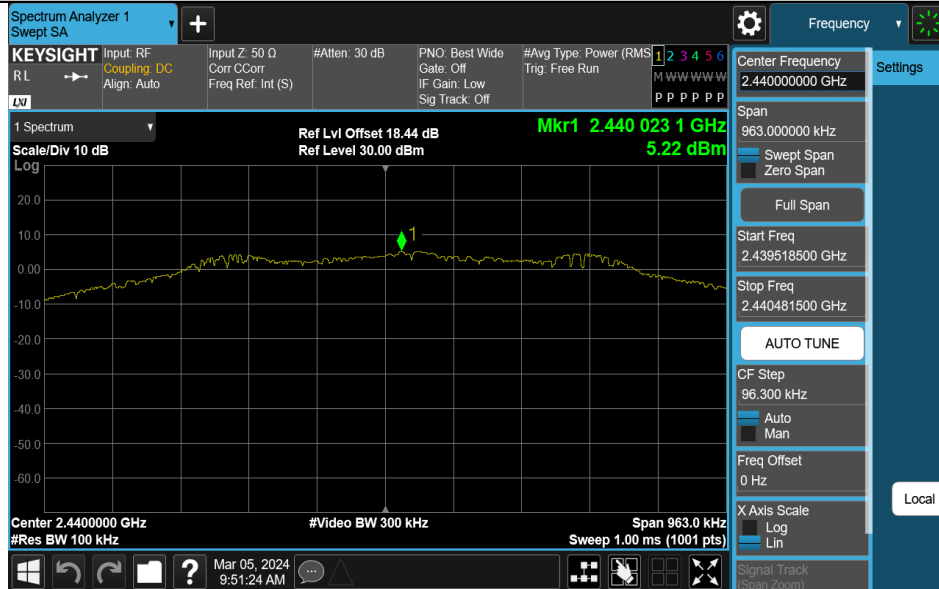
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.03	5.25
BLE_1M	Ant1	2440	2440.02	5.22
BLE_1M	Ant1	2480	2480.04	5.43
BLE_2M	Ant1	2402	2402.03	5.27
BLE_2M	Ant1	2440	2440.02	5.26
BLE_2M	Ant1	2480	2480.02	5.42

### Test Graphs

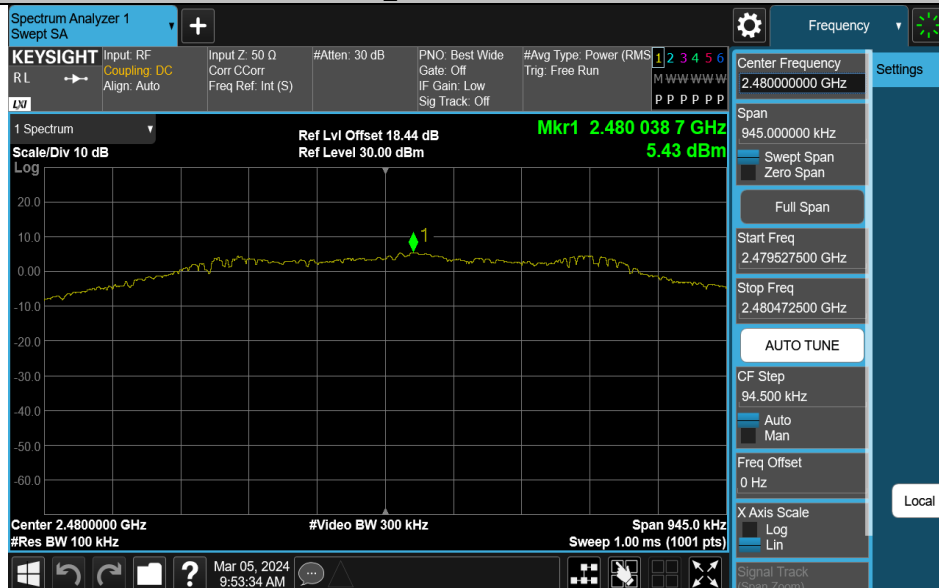
#### BLE\_1M-Ant1-2402-PASS



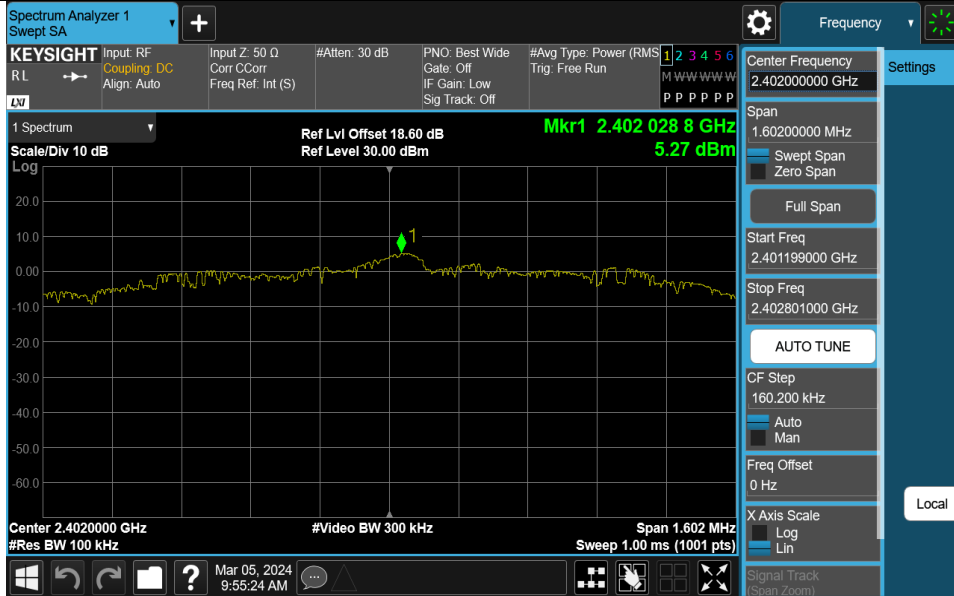
#### BLE\_1M-Ant1-2440-PASS



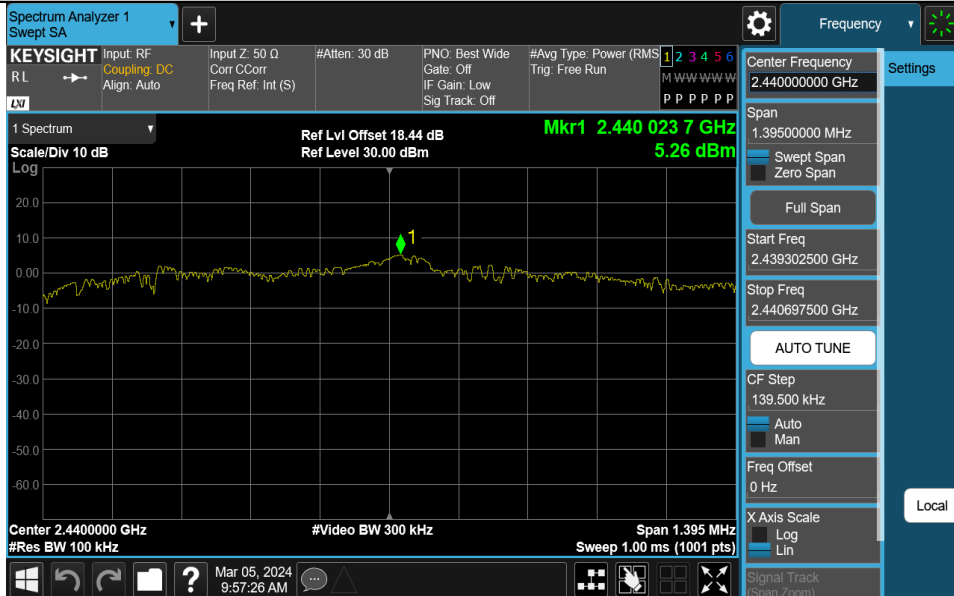
#### BLE\_1M-Ant1-2480-PASS



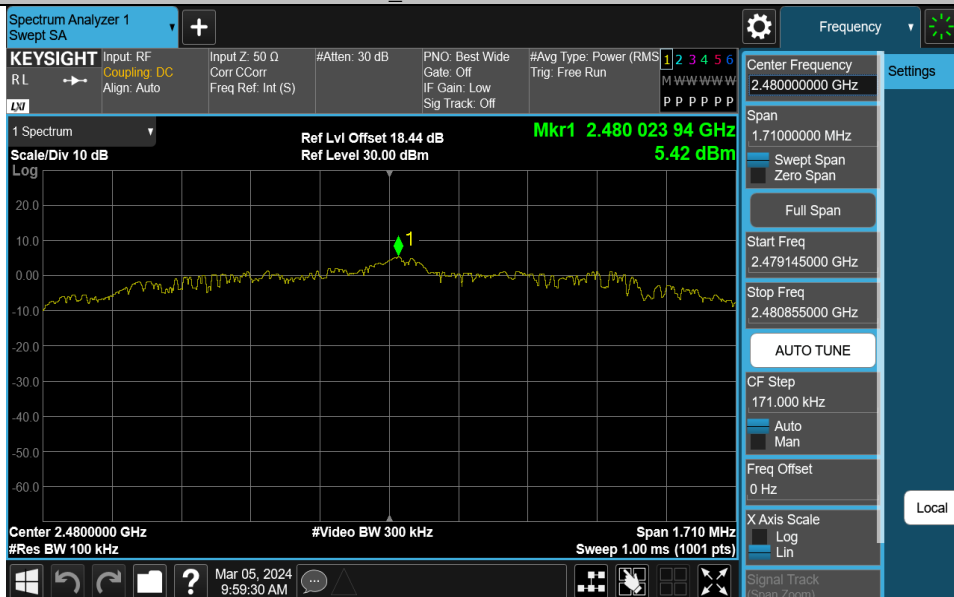
### BLE\_2M-Ant1-2402-PASS



### BLE\_2M-Ant1-2440-PASS



### BLE\_2M-Ant1-2480-PASS



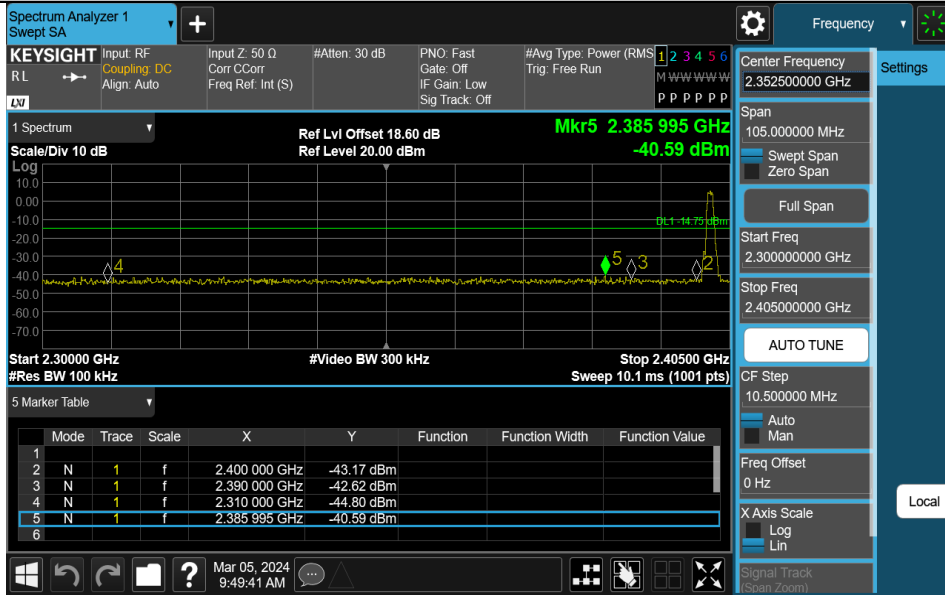
## Appendix E: Band edge measurements

## Test Result

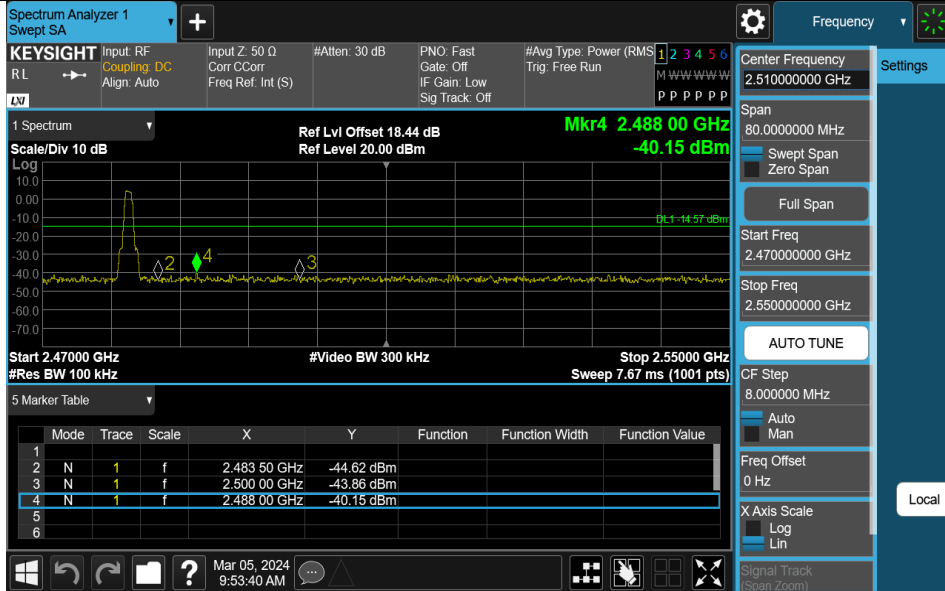
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.25	-40.59	≤-14.75	PASS
BLE_1M	Ant1	High	2480	5.43	-40.15	≤-14.57	PASS
BLE_2M	Ant1	Low	2402	5.27	-30.45	≤-14.73	PASS
BLE_2M	Ant1	High	2480	5.42	-40.85	≤-14.58	PASS

### Test Graphs

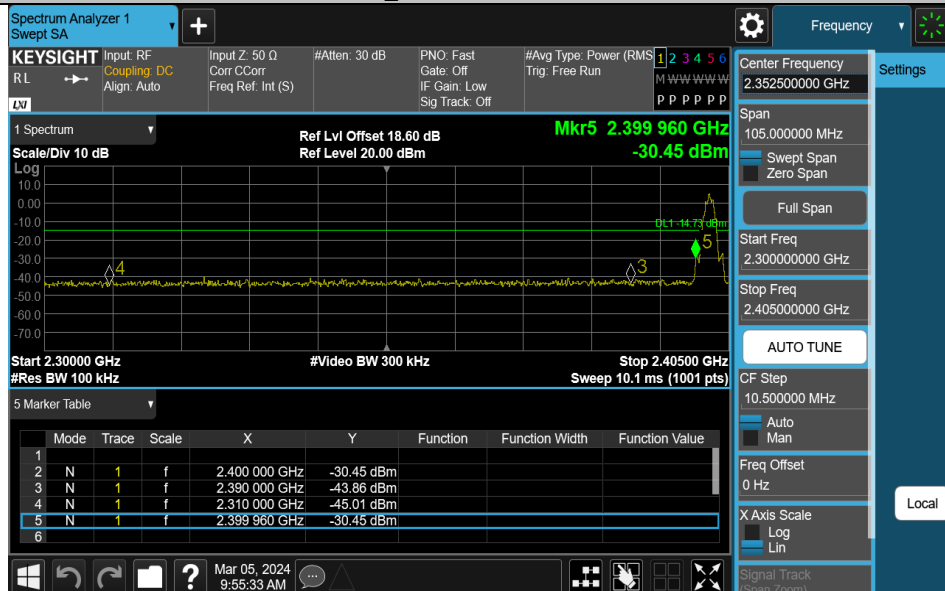
BLE\_1M-Ant1-2402-PASS



BLE\_1M-Ant1-2480-PASS

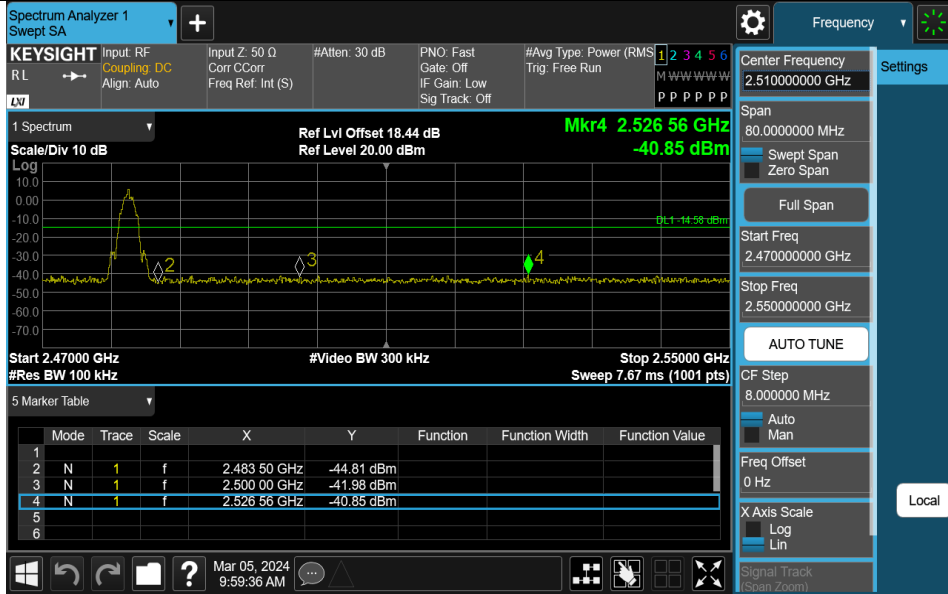


BLE\_2M-Ant1-2402-PASS





BLE\_2M-Ant1-2480-PASS

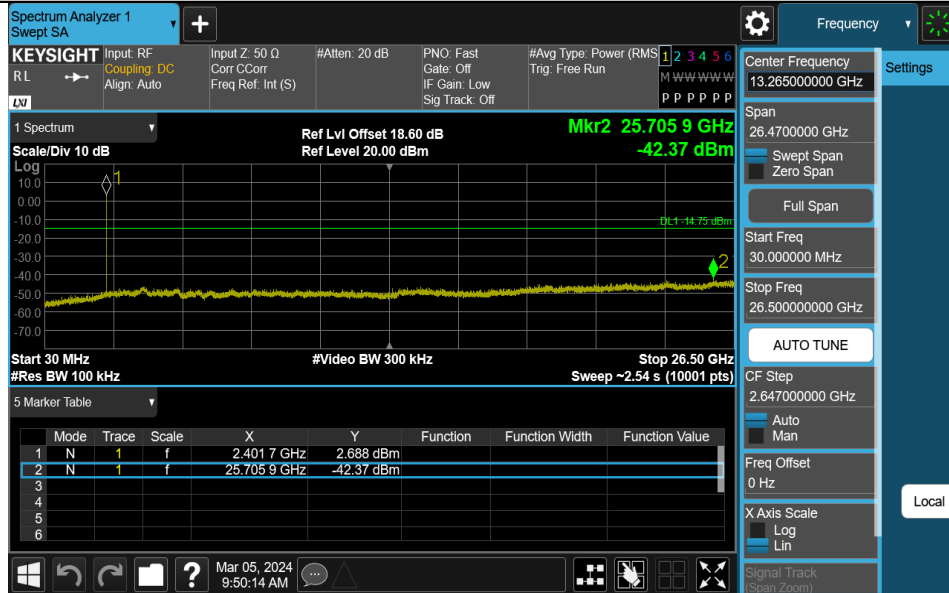


## Appendix F: Conducted Spurious Emission Test Result

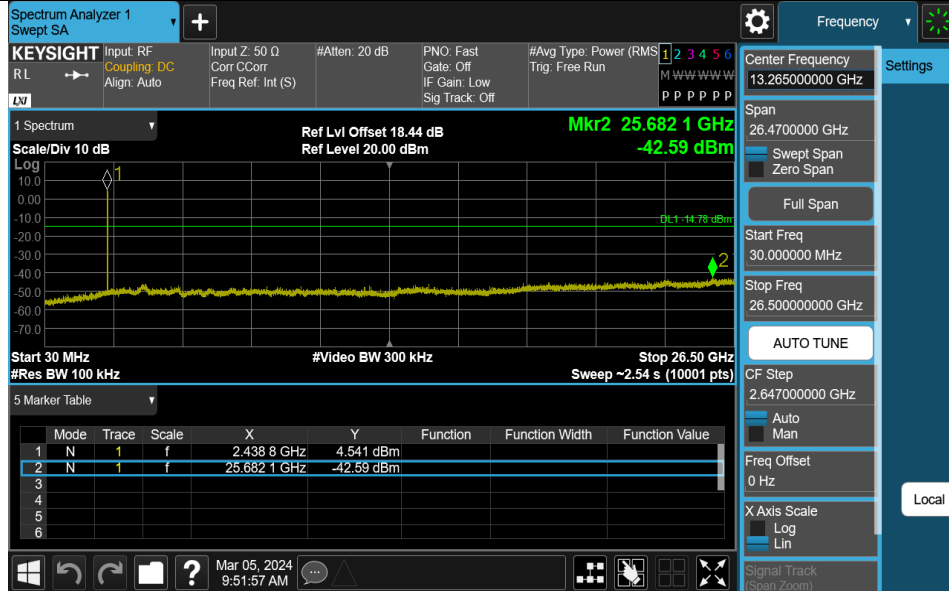
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	5.25	-42.37	≤-14.75	PASS
BLE_1M	Ant1	2440	30~26500	5.22	-42.59	≤-14.78	PASS
BLE_1M	Ant1	2480	30~26500	5.43	-42.29	≤-14.57	PASS
BLE_2M	Ant1	2402	30~26500	5.27	-42.29	≤-14.73	PASS
BLE_2M	Ant1	2440	30~26500	5.26	-43.23	≤-14.74	PASS
BLE_2M	Ant1	2480	30~26500	5.42	-42.82	≤-14.58	PASS

### Test Graphs

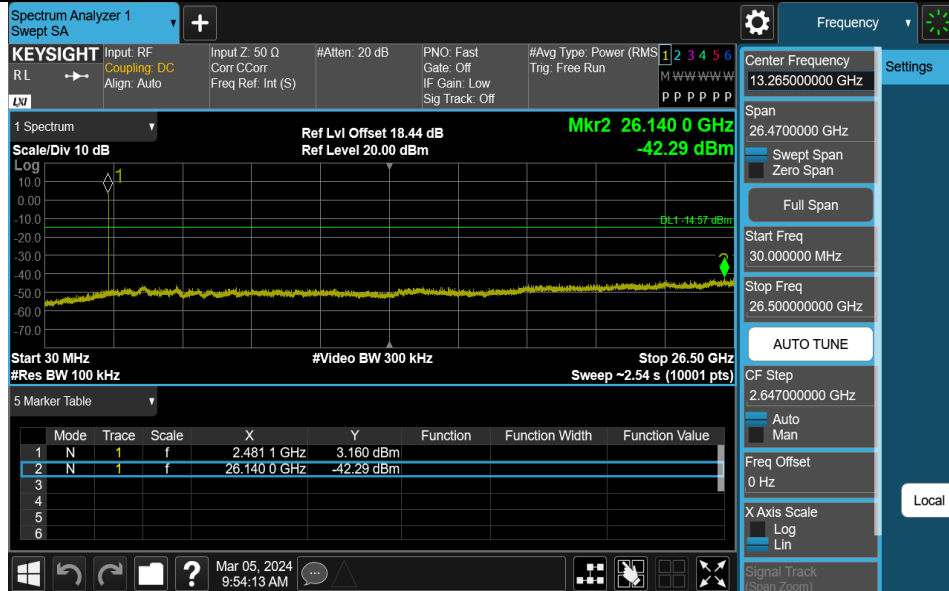
#### BLE\_1M-Ant1-2402-30~26500-PASS



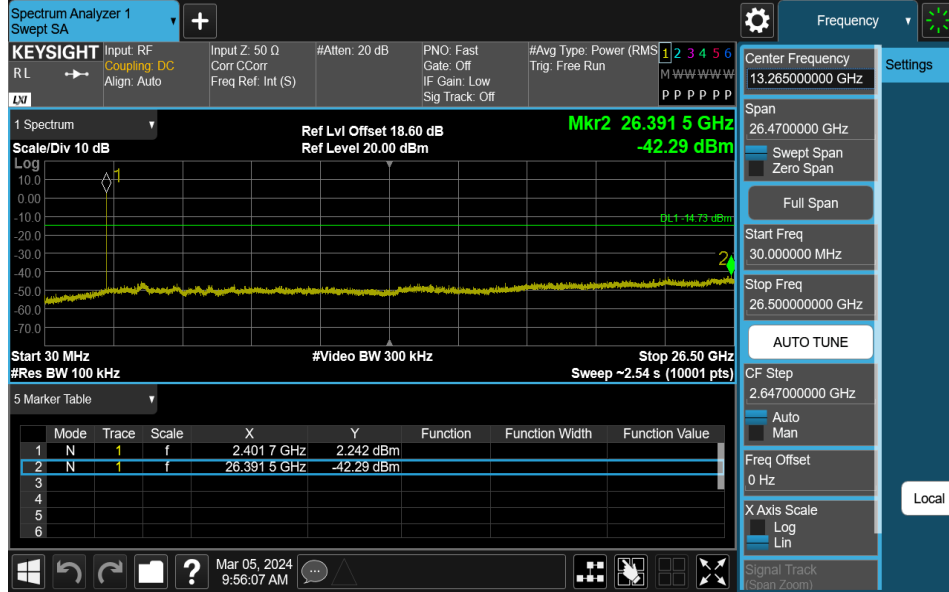
#### BLE\_1M-Ant1-2440-30~26500-PASS



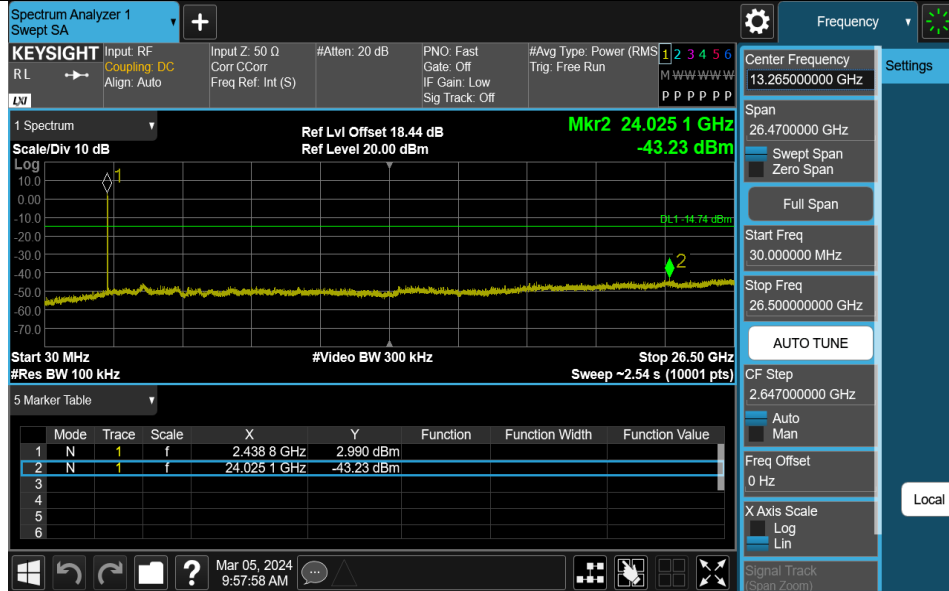
#### BLE\_1M-Ant1-2480-30~26500-PASS



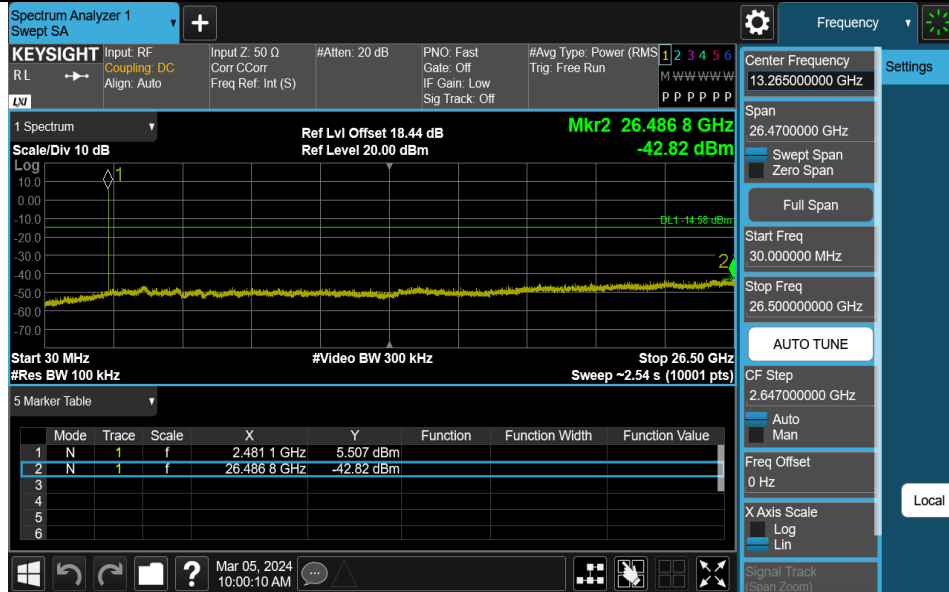
BLE\_2M-Ant1-2402-30~26500-PASS



BLE\_2M-Ant1-2440-30~26500-PASS



BLE\_2M-Ant1-2480-30~26500-PASS

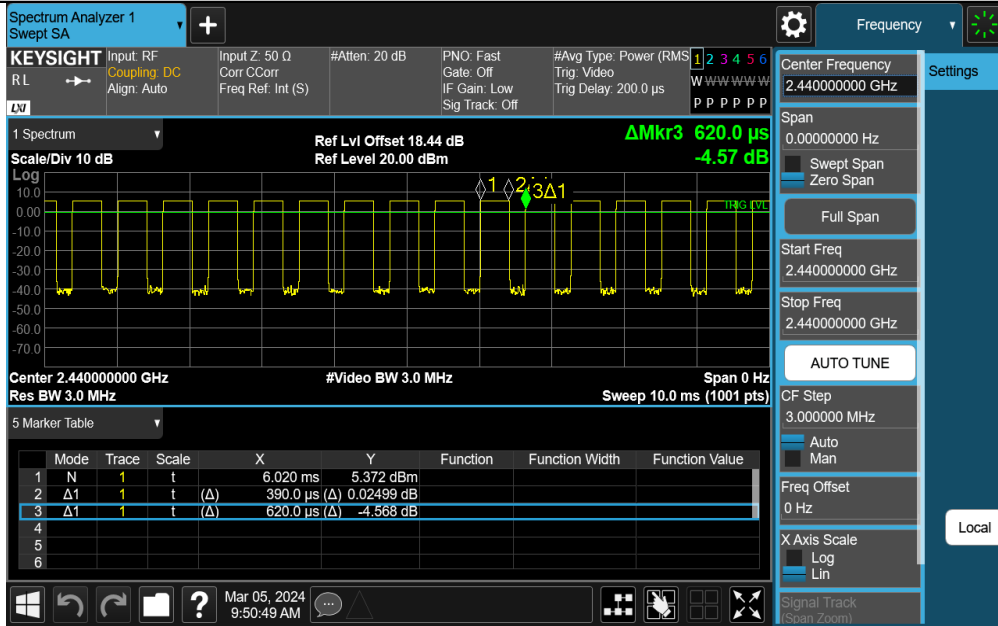


### Appendix G: Duty Cycle Test Result

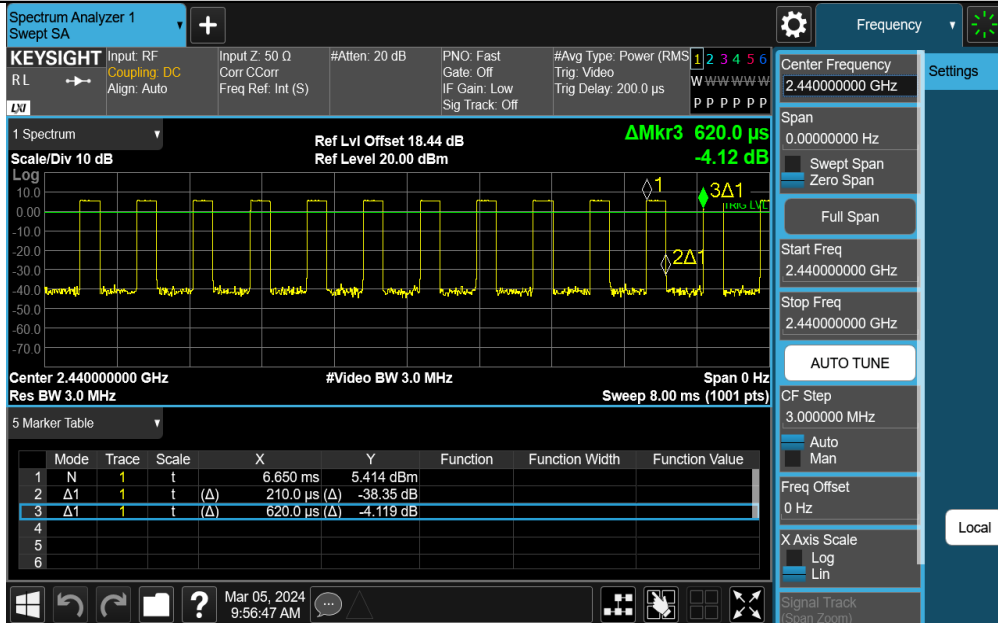
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	0.39	0.62	62.90	2.01
BLE_2M	Ant1	2440	0.21	0.62	33.87	4.70

### Test Graphs

NTNV-BLE\_1M-Ant1-2440



NTNV-BLE\_2M-Ant1-2440

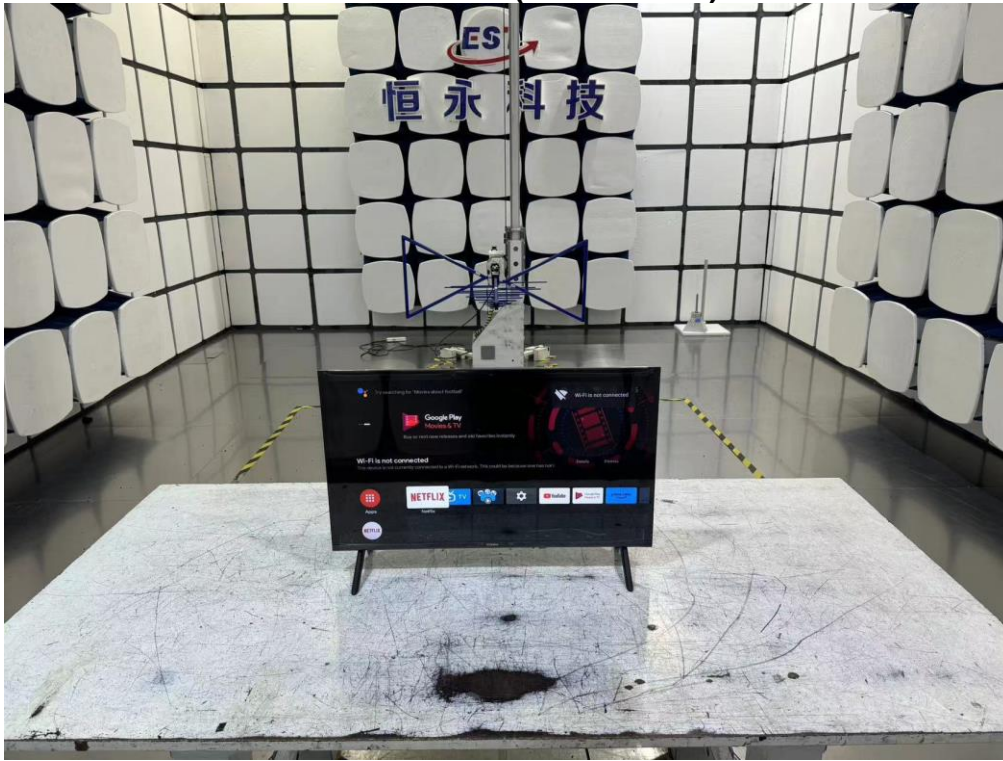


## 12. TEST SETUP PHOTO

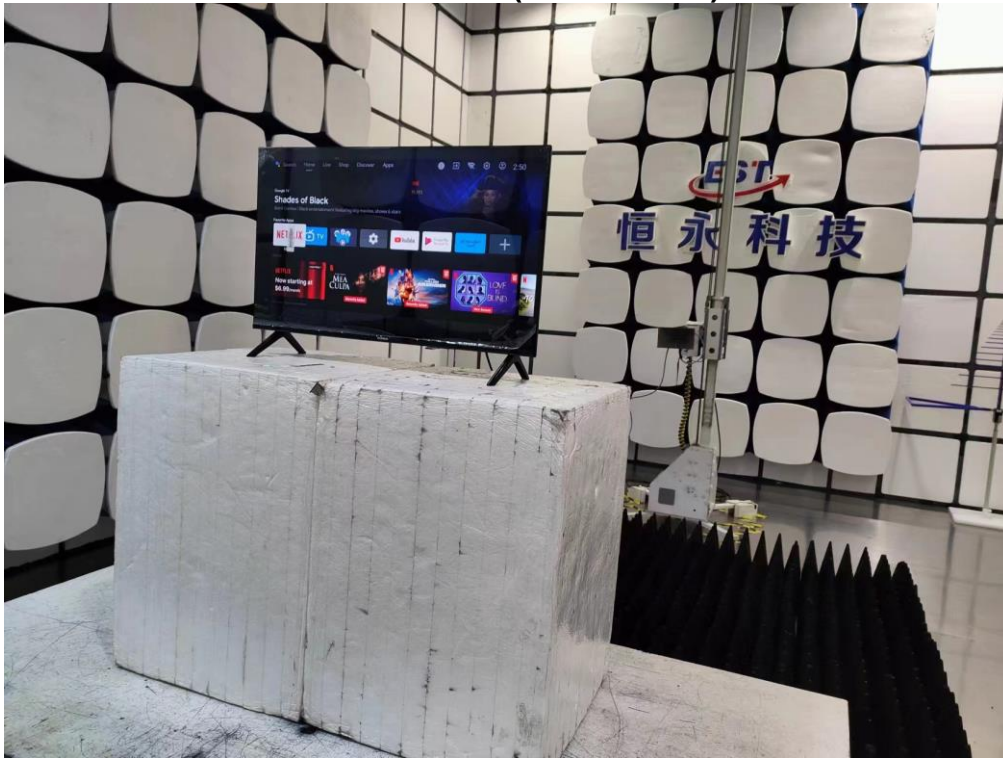
### Conducted Test



### Radiated Test (Below 1GHz)



### Radiated Test (Above 1GHz)



### 13. EUT PHOTO

**External Photos**  
M/N: 32RR683TC





**External Photos**  
M/N: 32RR683TC



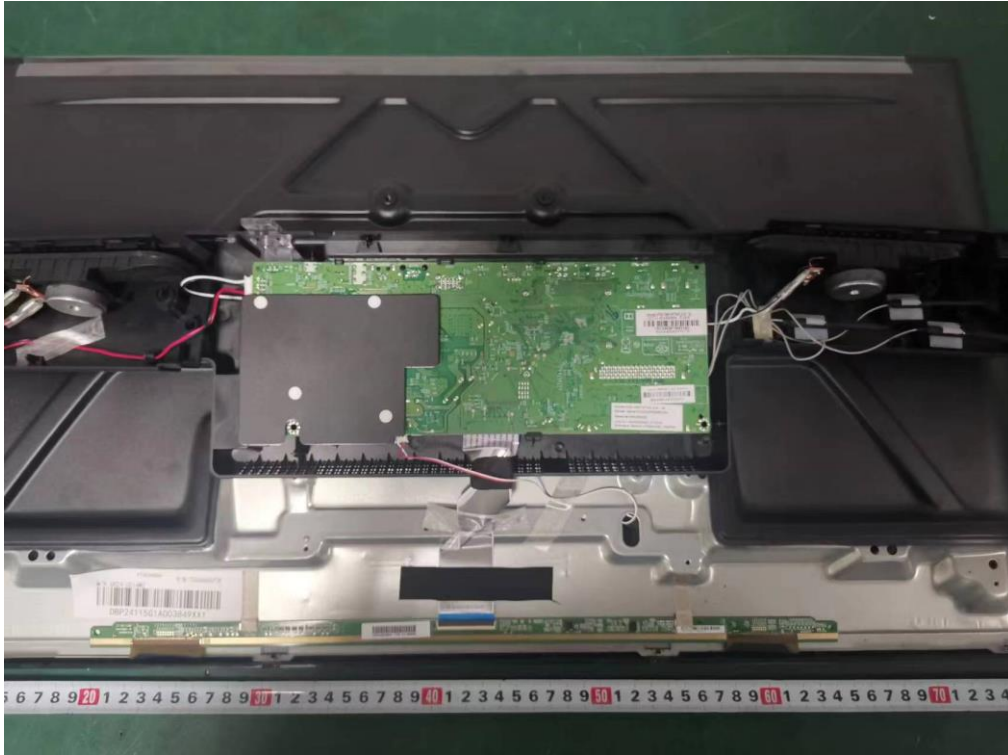
**External Photos**  
M/N: 32RR683TC



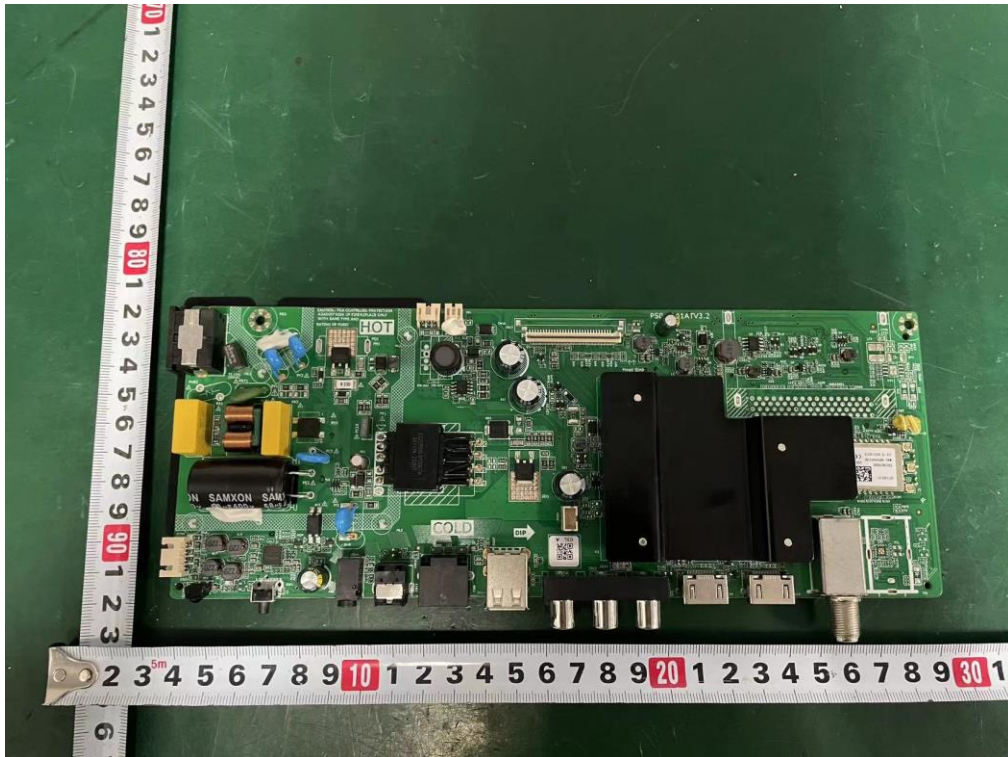
**Internal Photos**  
M/N: 32RR683TC



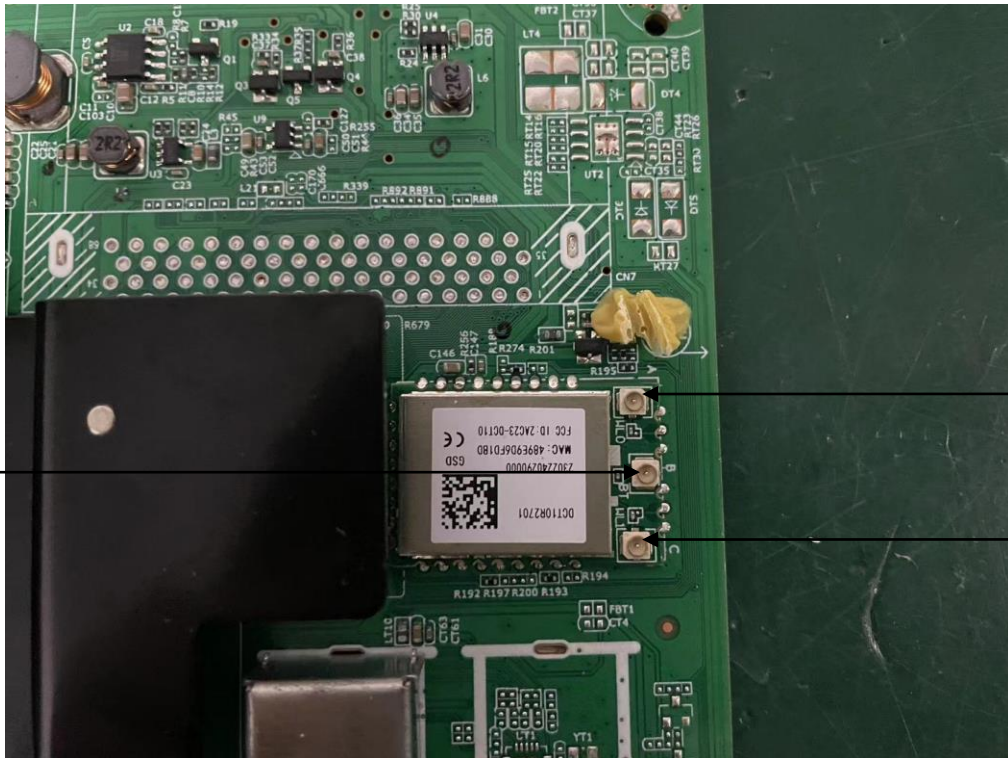
**Internal Photos**  
M/N: 32RR683TC



Screen No.: HV320WHB-F70



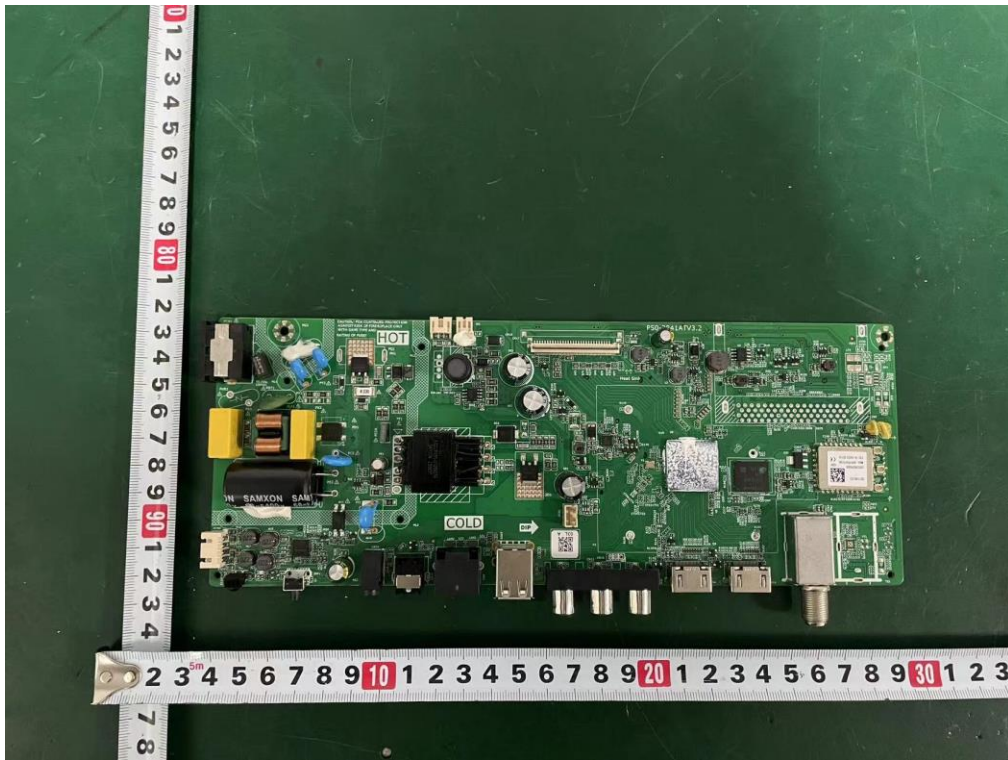
**Internal Photos**  
M/N: 32RR683TC



Bluetooth  
Connector  
Antenna

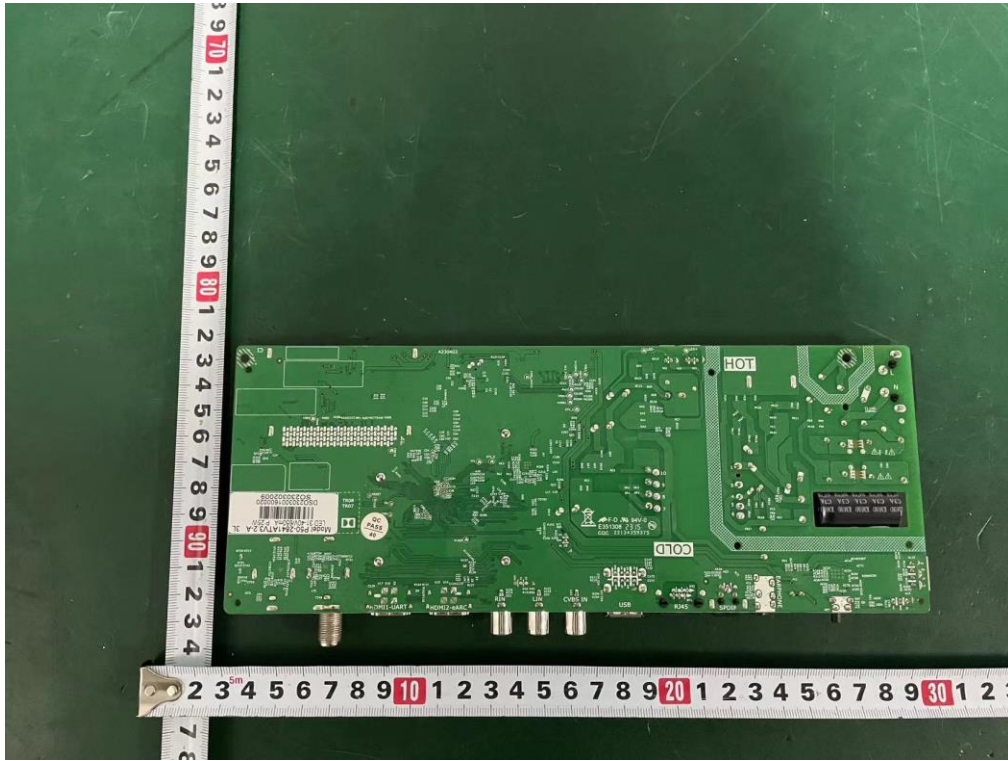
Wi-Fi 1  
Connector  
Antenna

Wi-Fi 2  
Connector  
Antenna





**Internal Photos**  
M/N: 32RR683TC



Screen No.: HV320WHB-F56

**End of Test Report**