

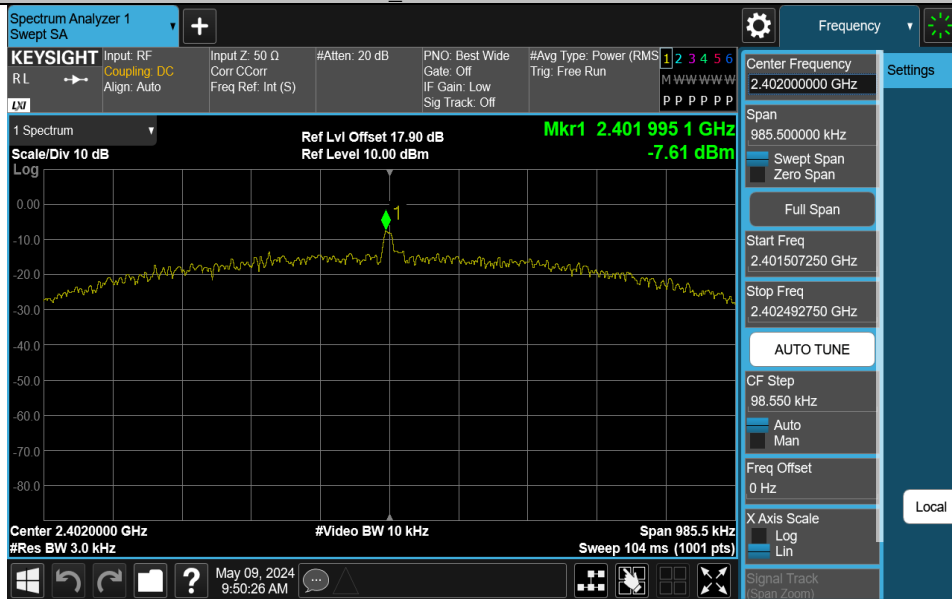
## Appendix C: Maximum power spectral density

## Test Result

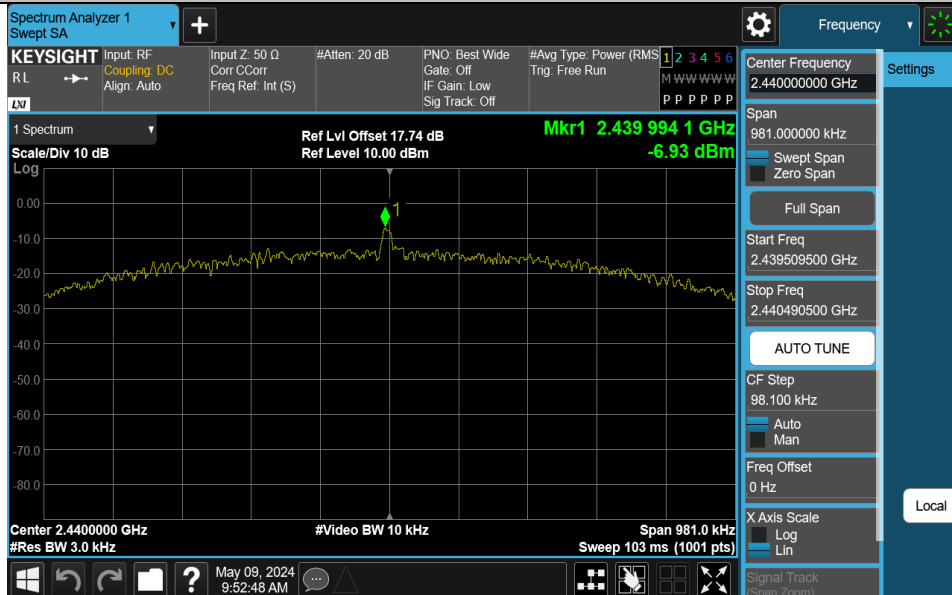
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-7.61	≤8.00	PASS
BLE_1M	Ant1	2440	-6.93	≤8.00	PASS
BLE_1M	Ant1	2480	-6.82	≤8.00	PASS
BLE_2M	Ant1	2402	-8.03	≤8.00	PASS
BLE_2M	Ant1	2440	-7.46	≤8.00	PASS
BLE_2M	Ant1	2480	-7.17	≤8.00	PASS

### Test Graphs

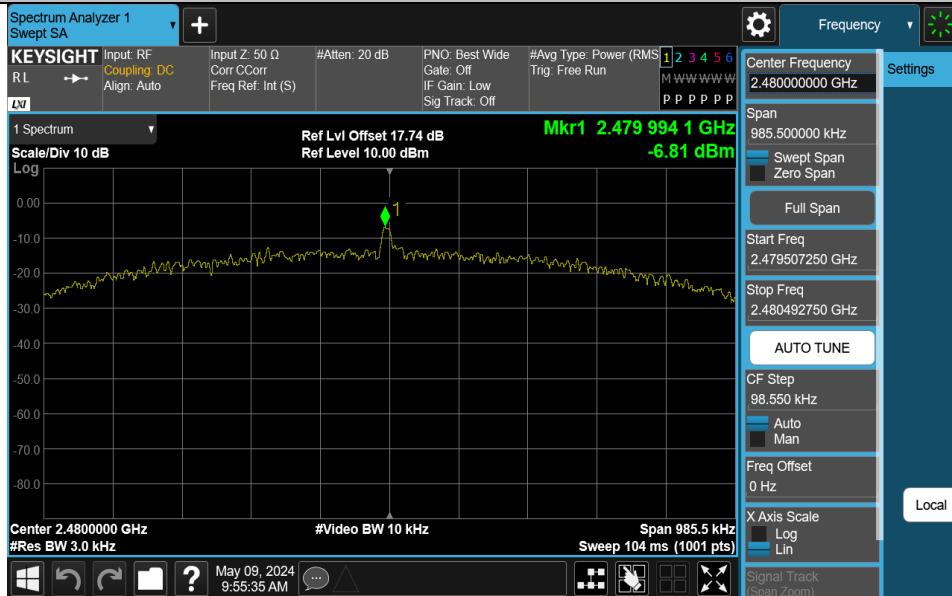
#### BLE\_1M-Ant1-2402-PASS



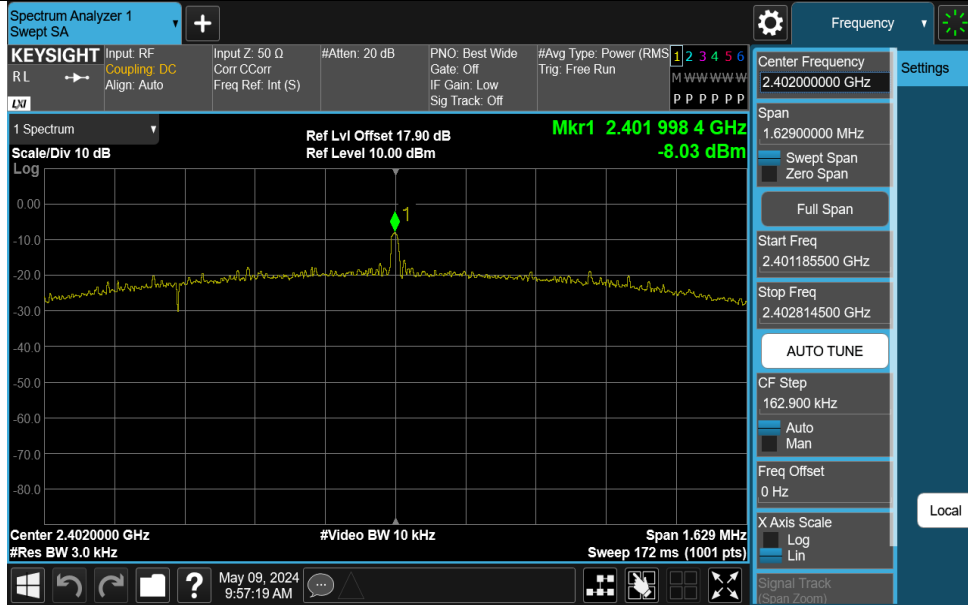
#### BLE\_1M-Ant1-2440-PASS



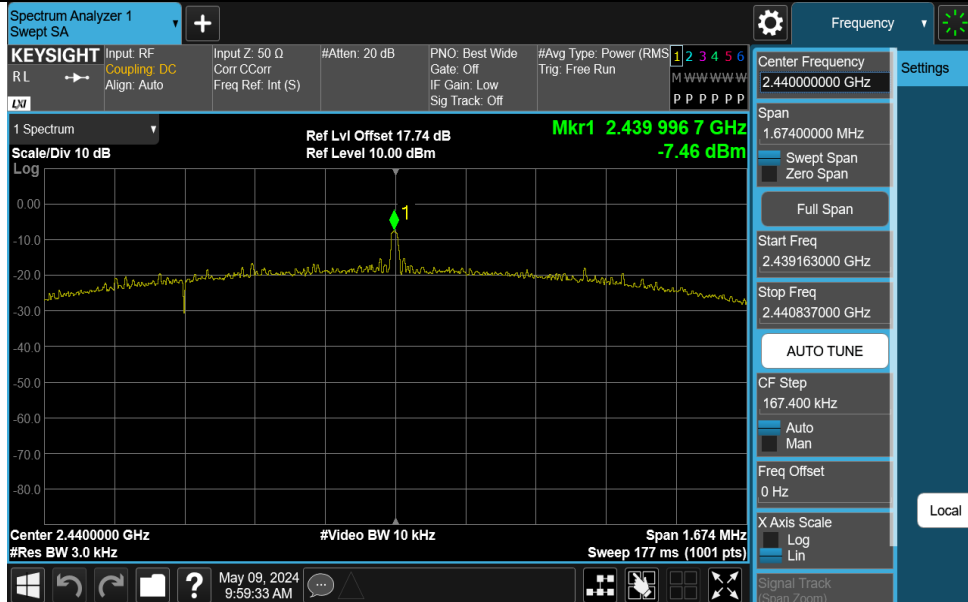
#### BLE\_1M-Ant1-2480-PASS



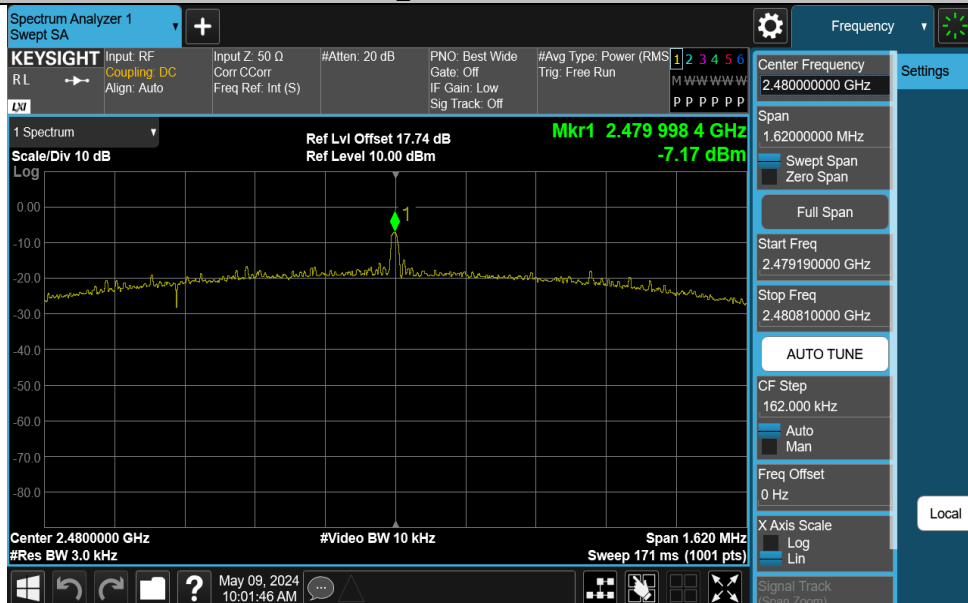
### BLE\_2M-Ant1-2402-PASS



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



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

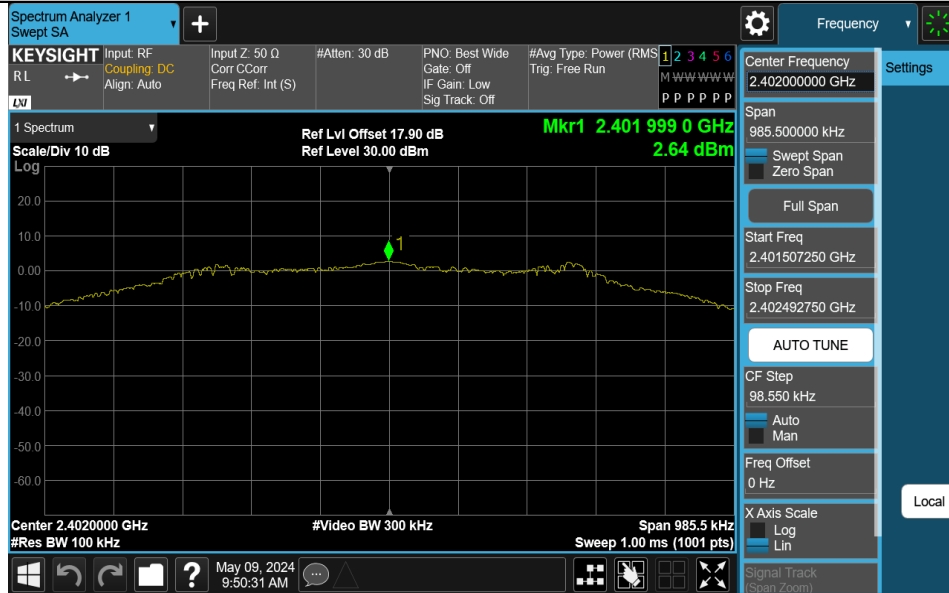


### Appendix D: Reference level measurement Test Result

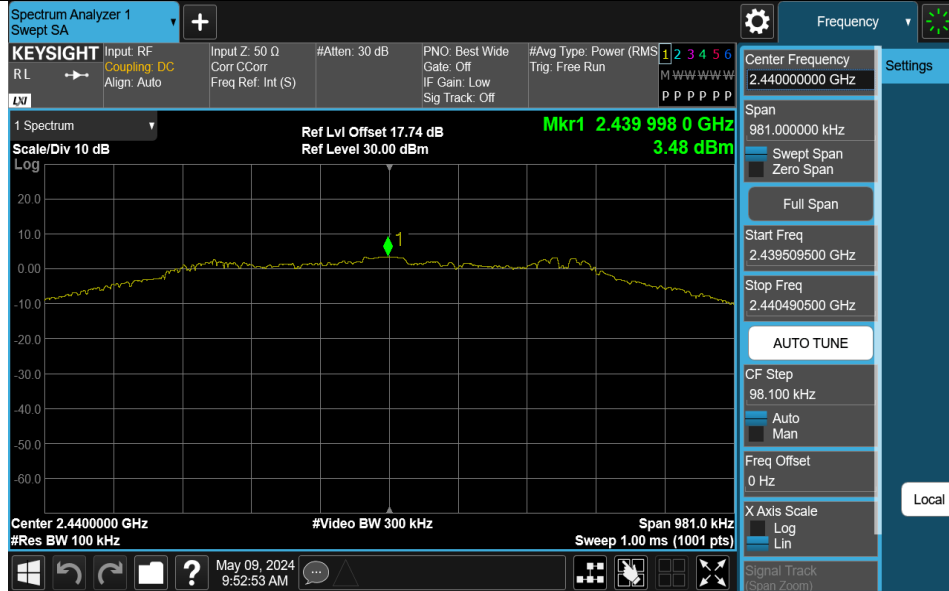
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.00	2.64
BLE_1M	Ant1	2440	2440.00	3.48
BLE_1M	Ant1	2480	2480.00	3.44
BLE_2M	Ant1	2402	2402.00	2.64
BLE_2M	Ant1	2440	2440.01	3.34
BLE_2M	Ant1	2480	2480.00	3.65

### Test Graphs

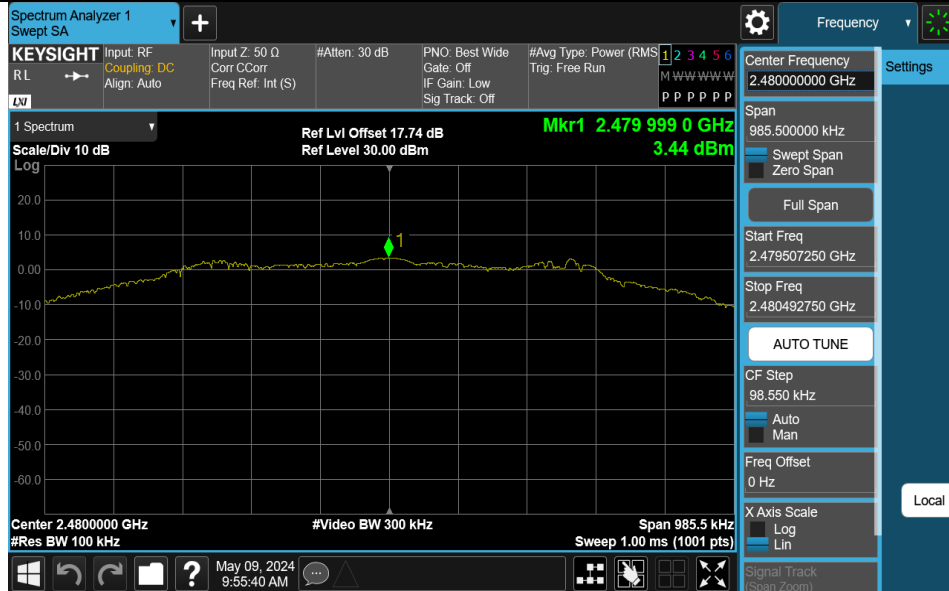
#### BLE\_1M-Ant1-2402-PASS



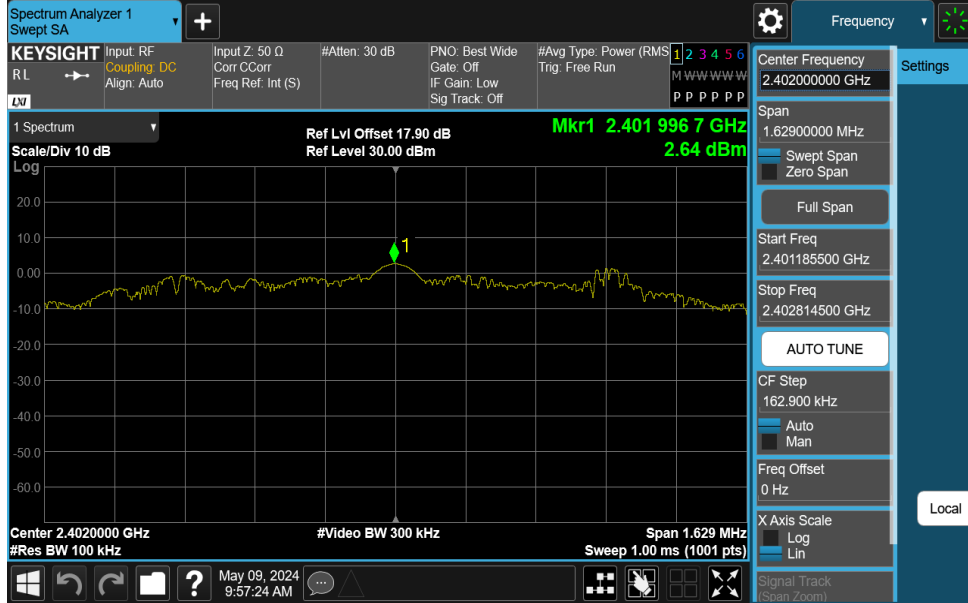
#### BLE\_1M-Ant1-2440-PASS



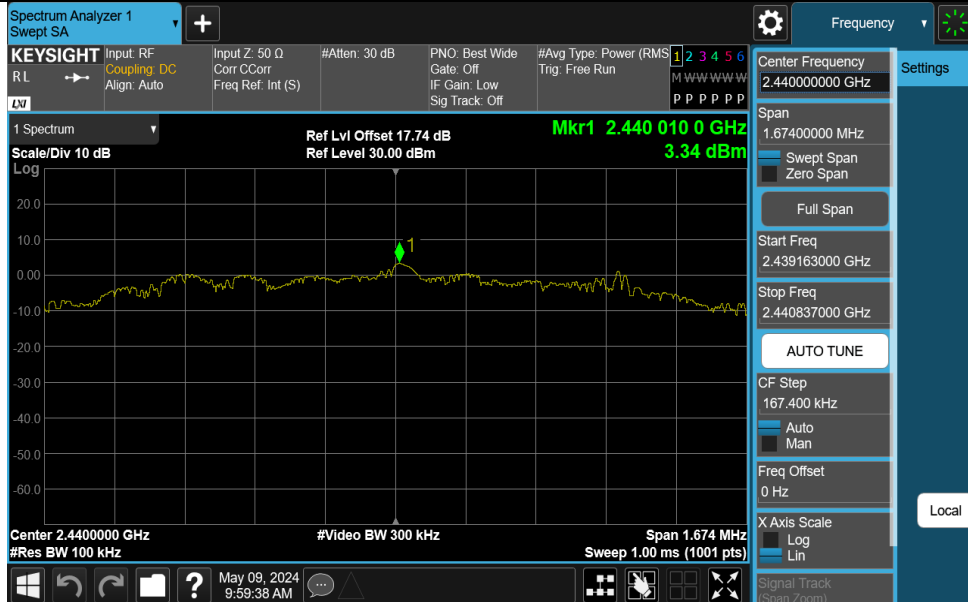
#### BLE\_1M-Ant1-2480-PASS



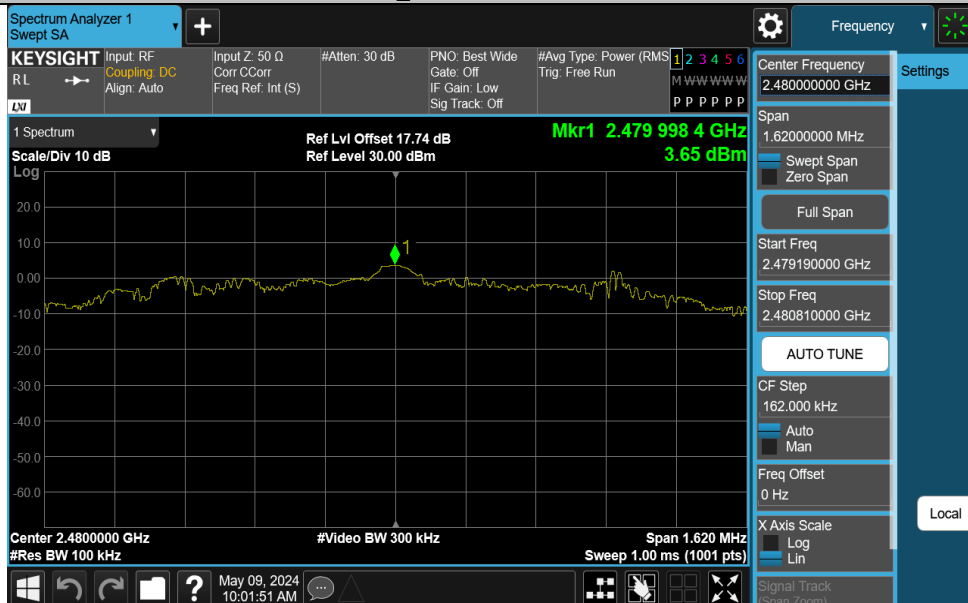
### BLE\_2M-Ant1-2402-PASS



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



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



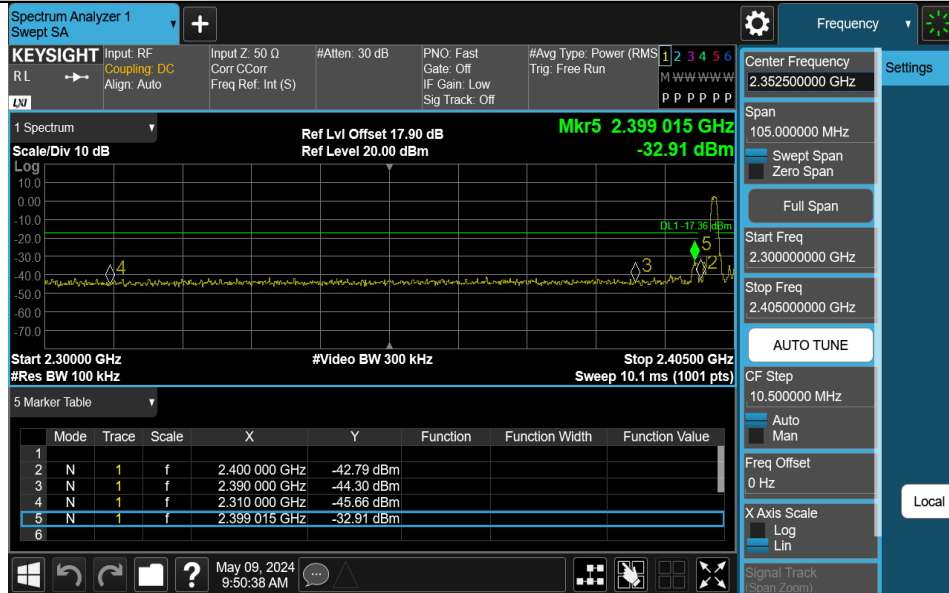
## Appendix E: Band edge measurements

## Test Result

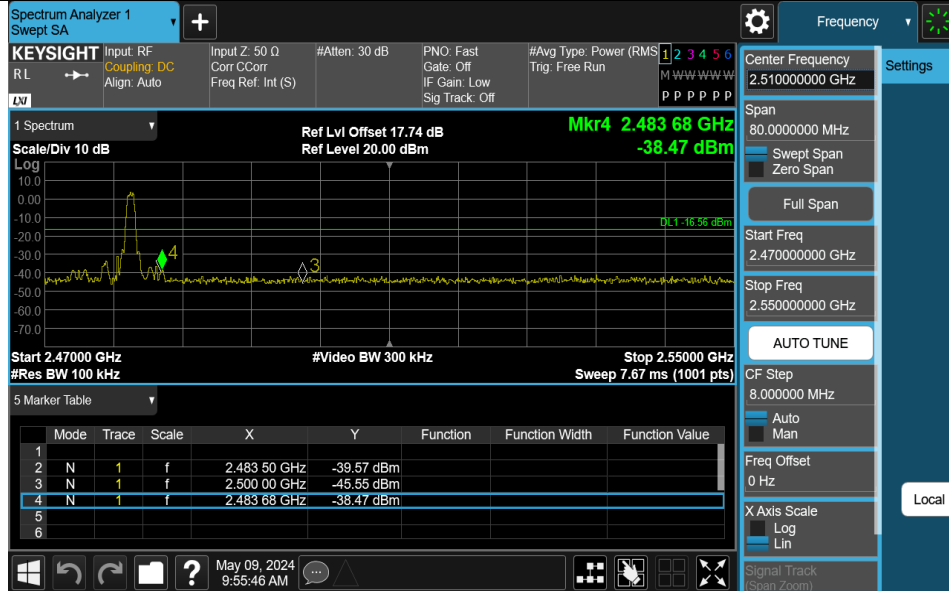
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.64	-32.91	≤-17.36	PASS
BLE_1M	Ant1	High	2480	3.44	-38.47	≤-16.56	PASS
BLE_2M	Ant1	Low	2402	2.64	-29.87	≤-17.36	PASS
BLE_2M	Ant1	High	2480	3.65	-39.76	≤-16.35	PASS

### Test Graphs

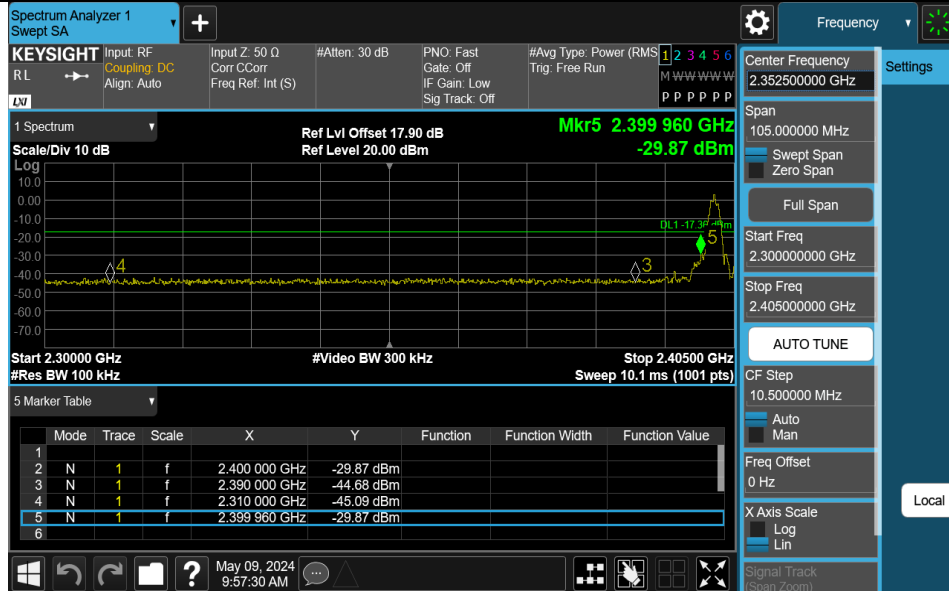
#### BLE\_1M-Ant1-2402-PASS



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

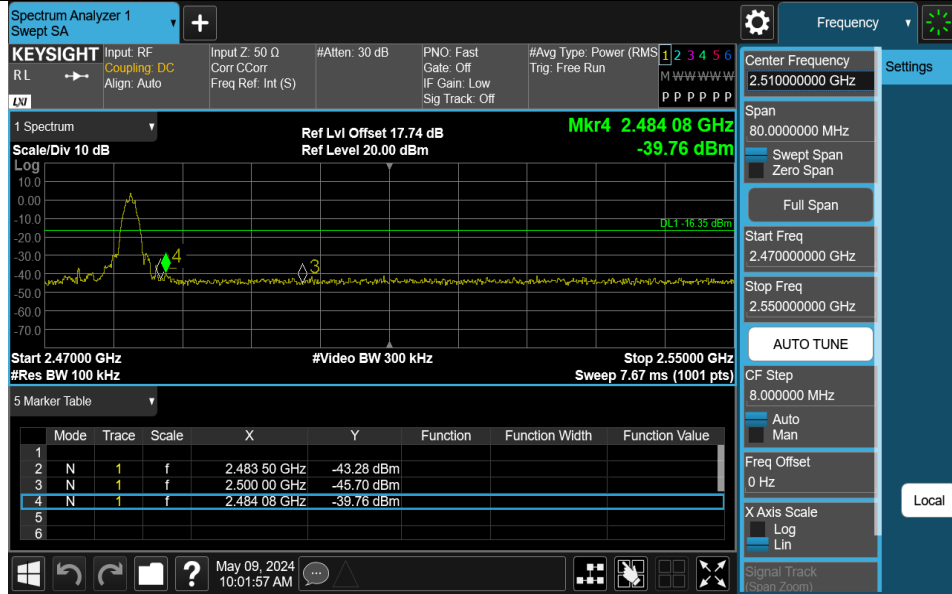


#### BLE\_2M-Ant1-2402-PASS





BLE\_2M-Ant1-2480-PASS

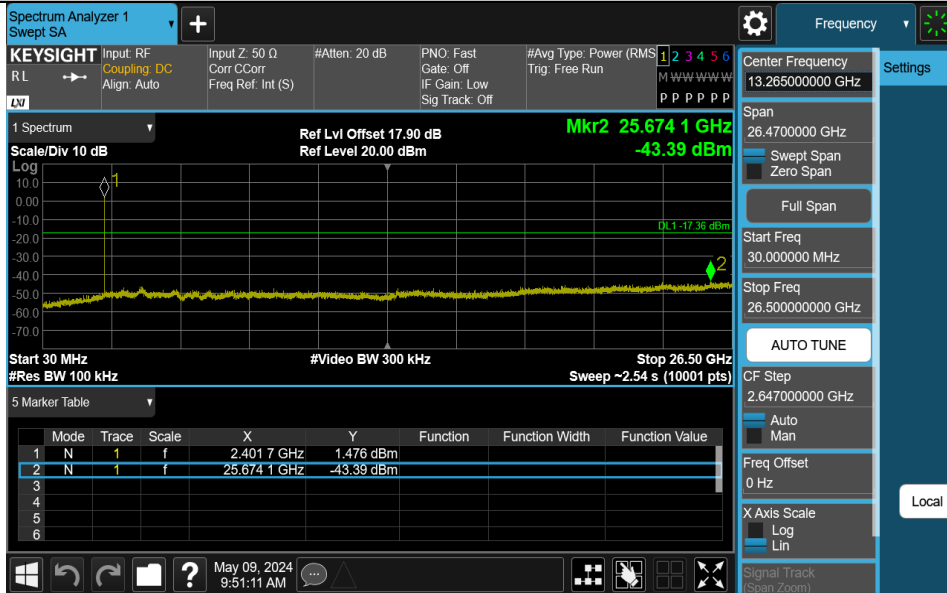


## Appendix F: Conducted Spurious Emission Test Result

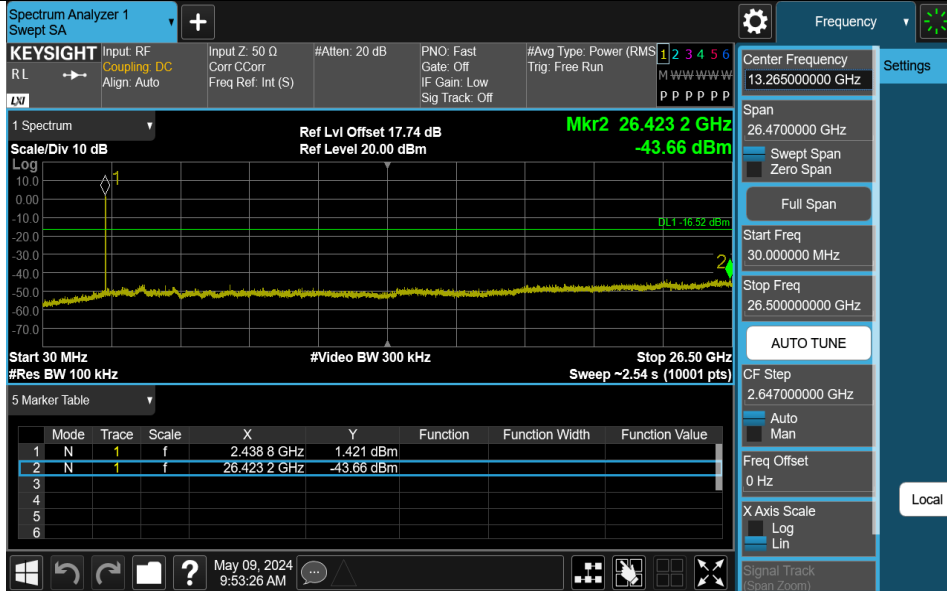
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	2.64	-43.39	≤-17.36	PASS
BLE_1M	Ant1	2440	30~26500	3.48	-43.66	≤-16.52	PASS
BLE_1M	Ant1	2480	30~26500	3.44	-43.31	≤-16.56	PASS
BLE_2M	Ant1	2402	30~26500	2.64	-42.66	≤-17.36	PASS
BLE_2M	Ant1	2440	30~26500	3.34	-42.83	≤-16.66	PASS
BLE_2M	Ant1	2480	30~26500	3.65	-43.82	≤-16.35	PASS

### Test Graphs

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



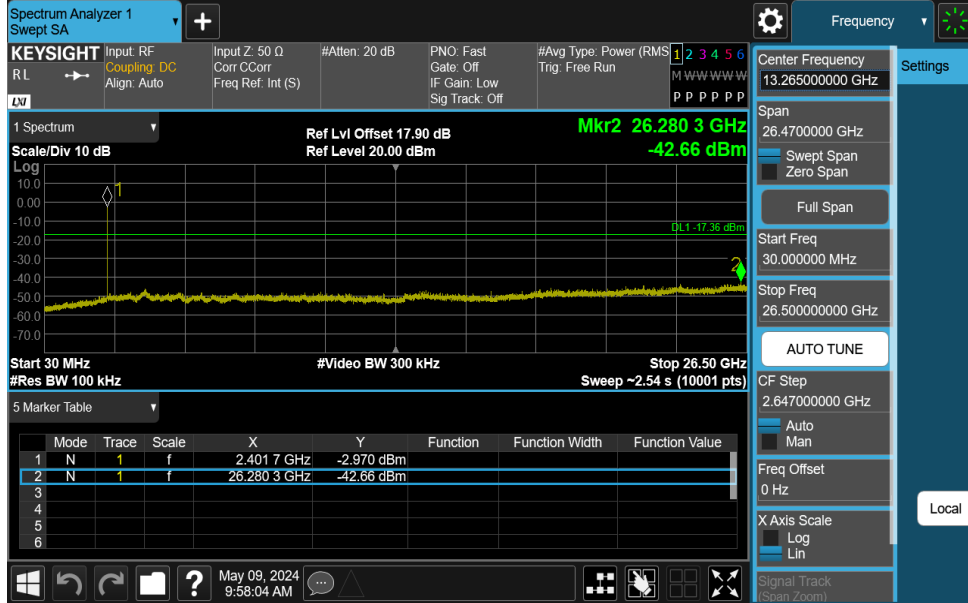
BLE\_1M-Ant1-2440-30~26500-PASS



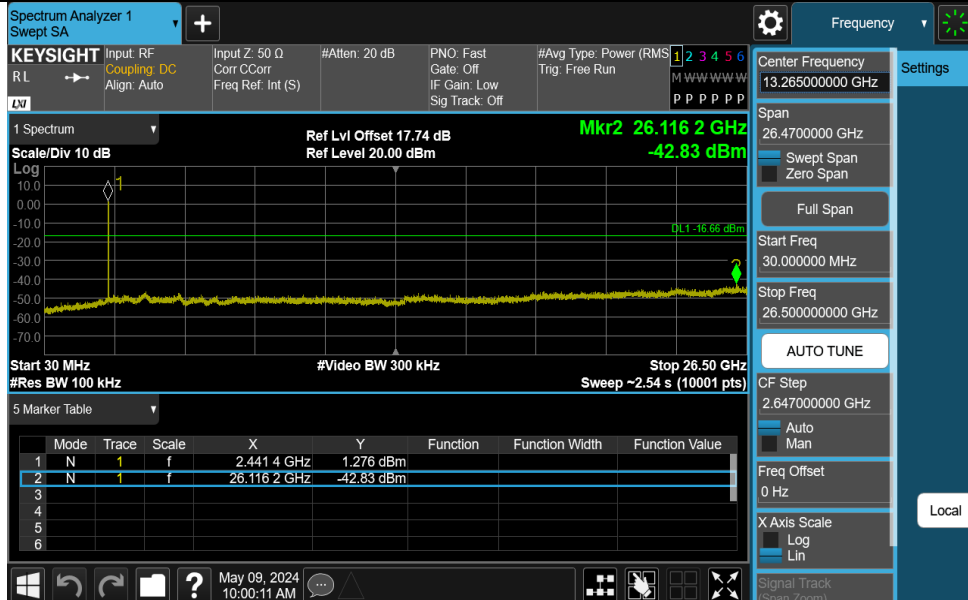
BLE\_1M-Ant1-2480-30~26500-PASS



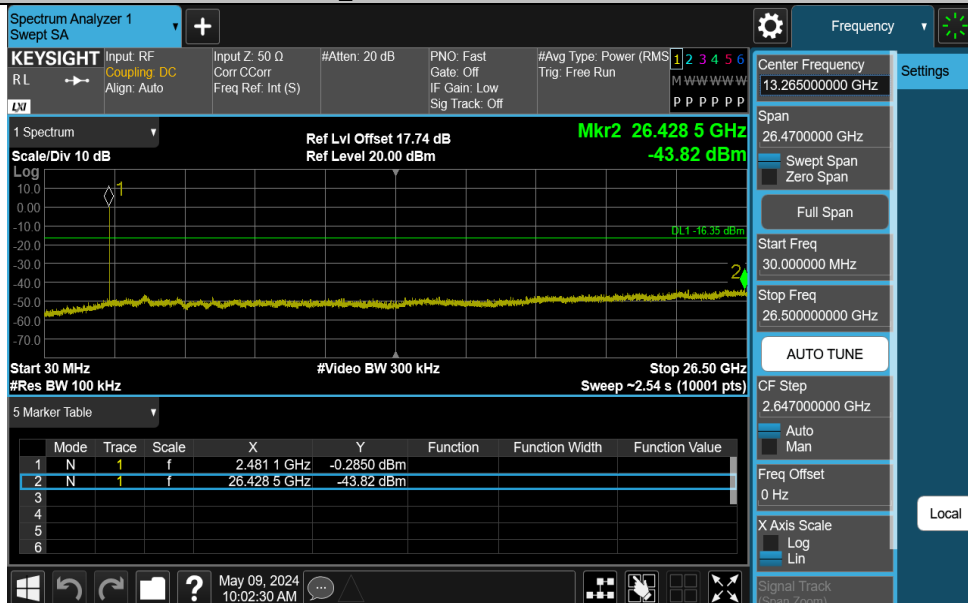
BLE\_2M-Ant1-2402-30~26500-PASS



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



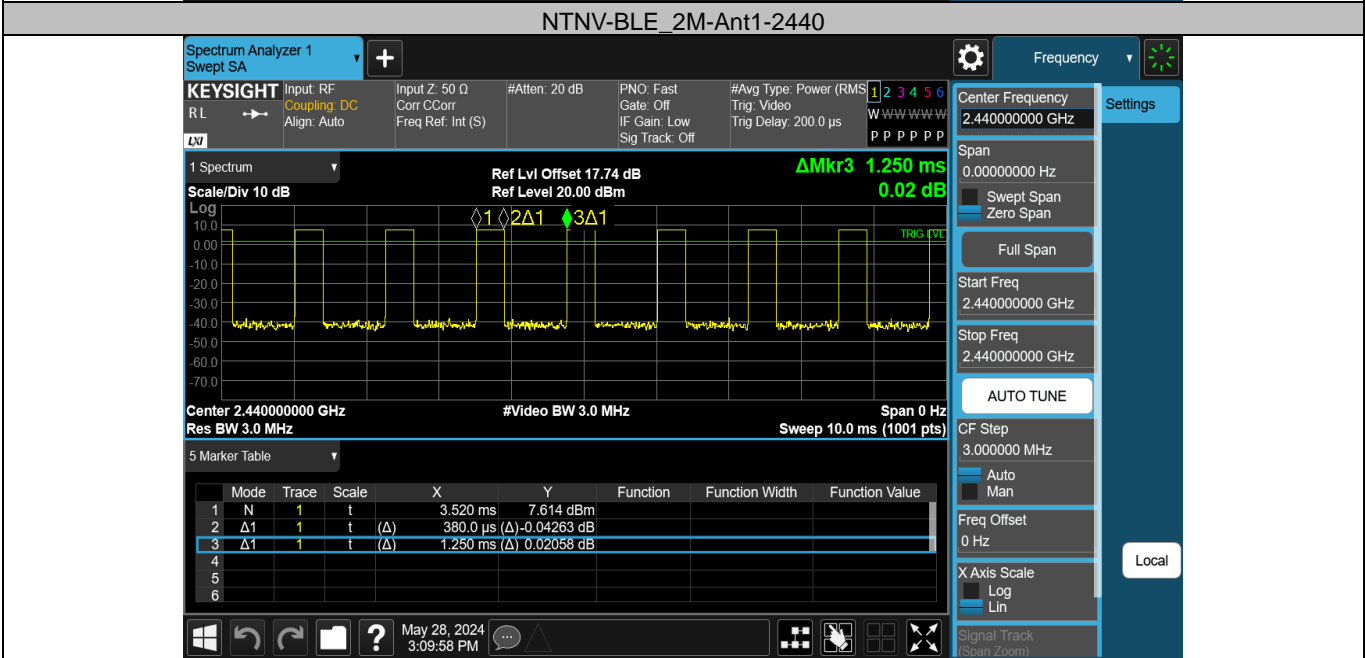
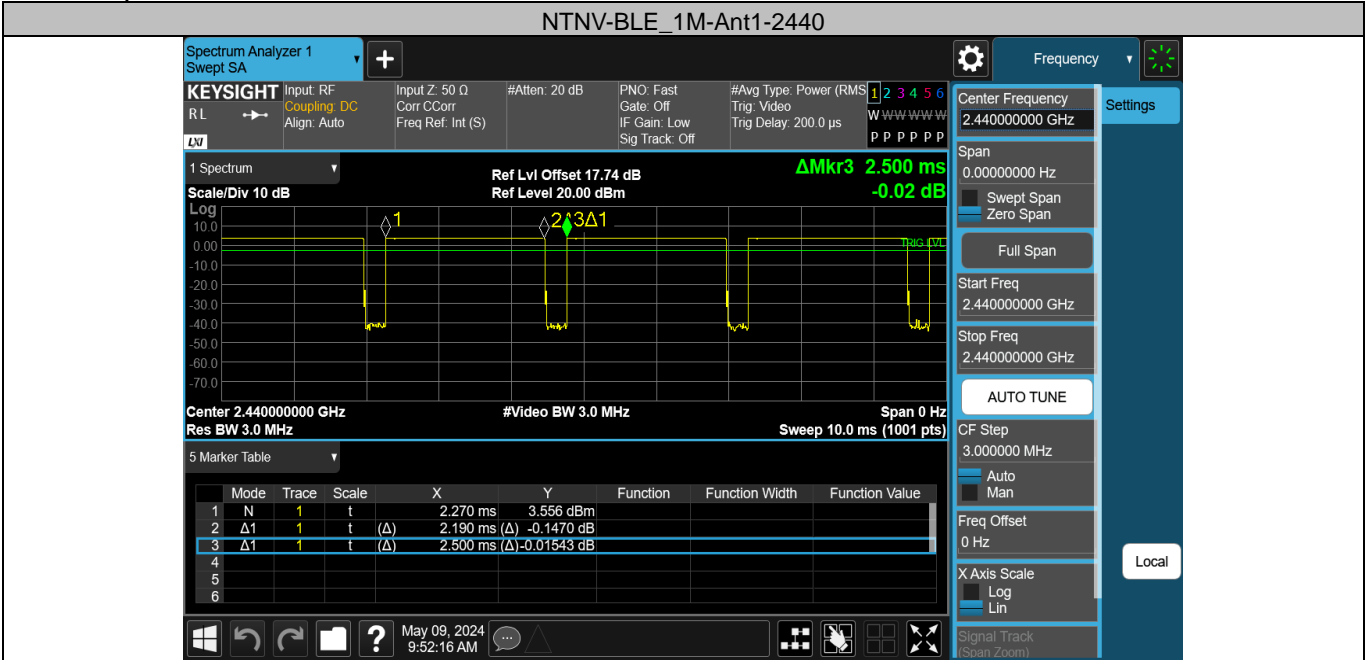
BLE\_2M-Ant1-2480-30~26500-PASS



### 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	2.19	2.50	87.60	0.57
BLE_2M	Ant1	2440	0.38	1.25	30.40	5.17

### Test Graphs



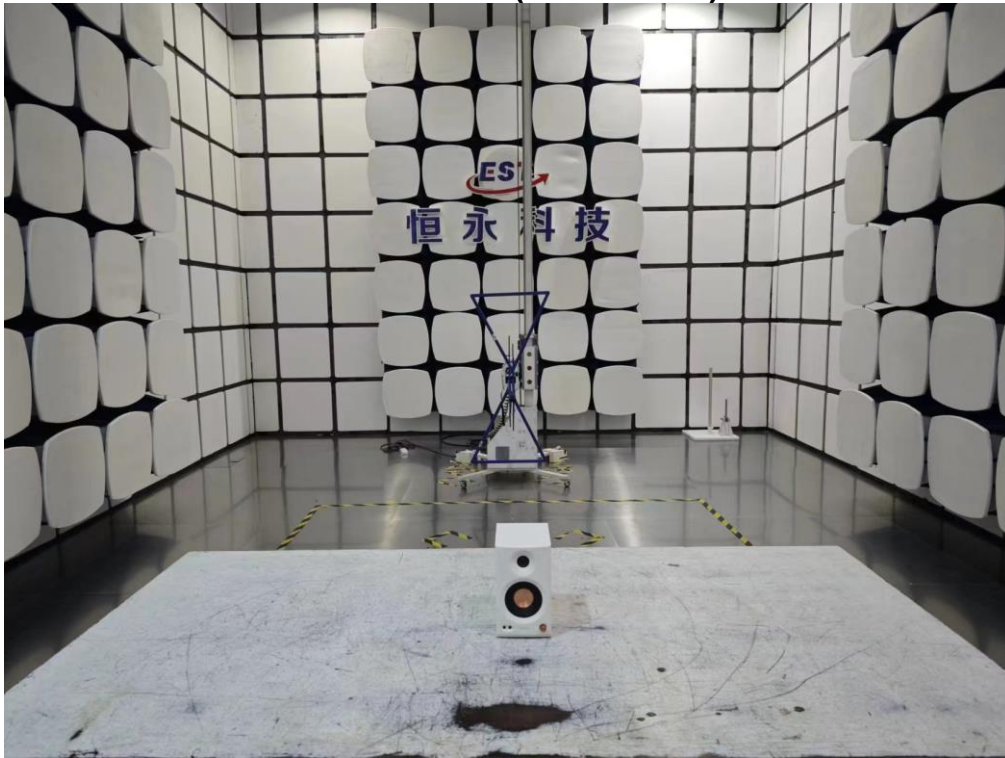
## 12. TEST SETUP PHOTO

Conducted Test

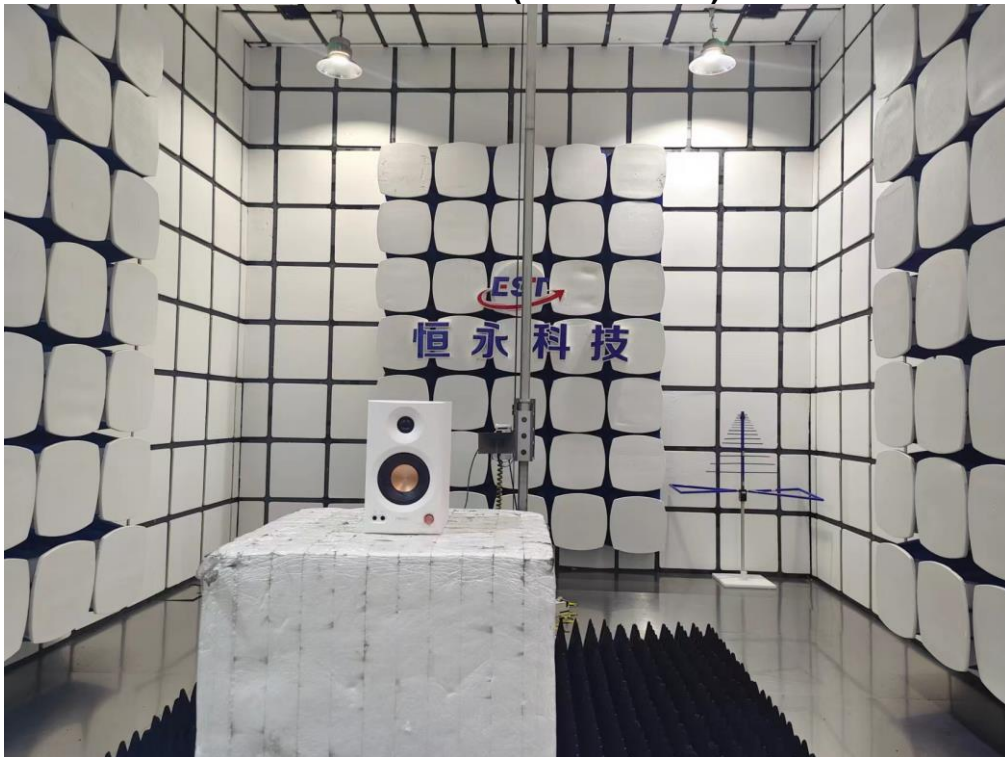




**Radiated Test (Below 1GHz)**



**Radiated Test (Above 1GHz)**



### 13. EUT PHOTO

**External Photos**  
M/N: EDF100081

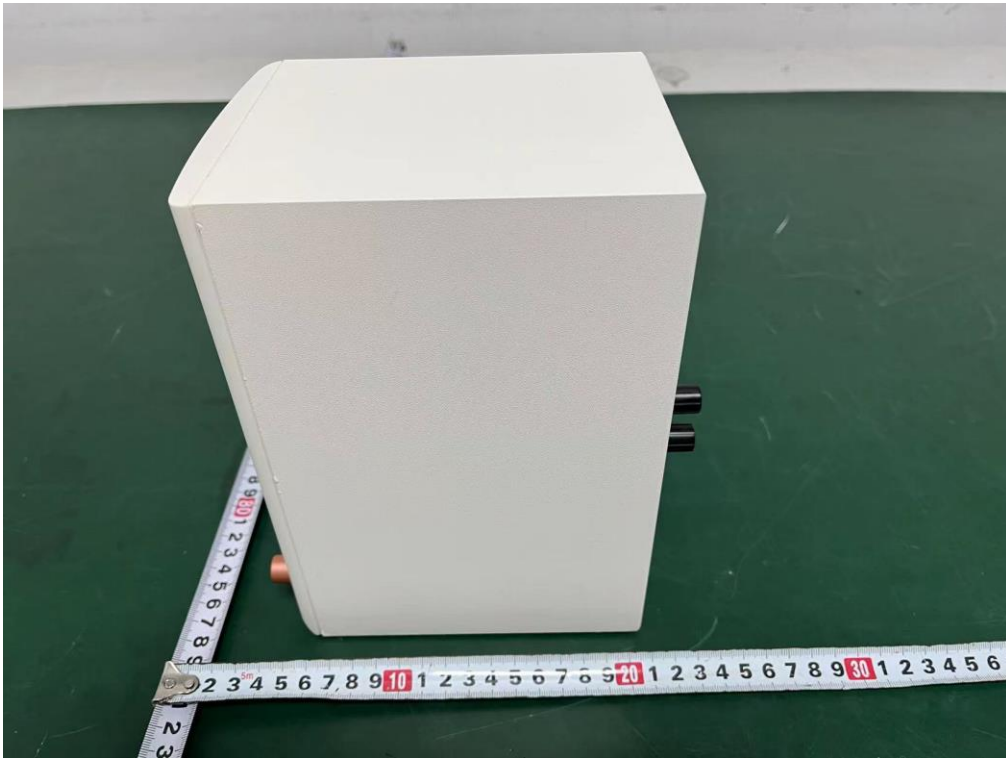
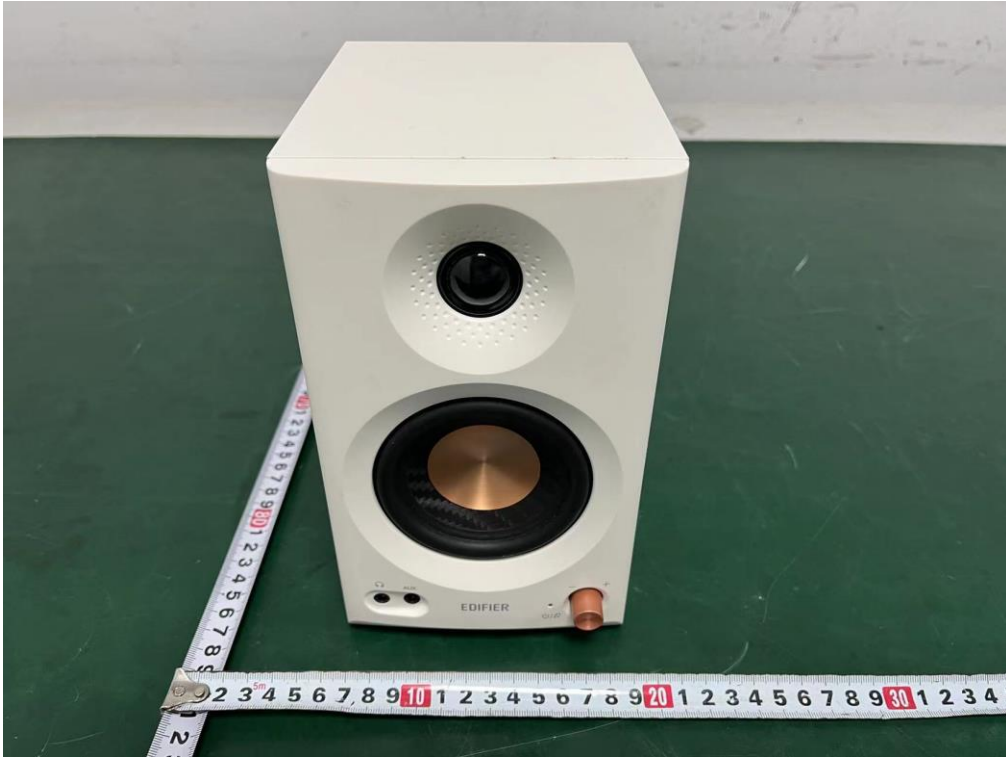




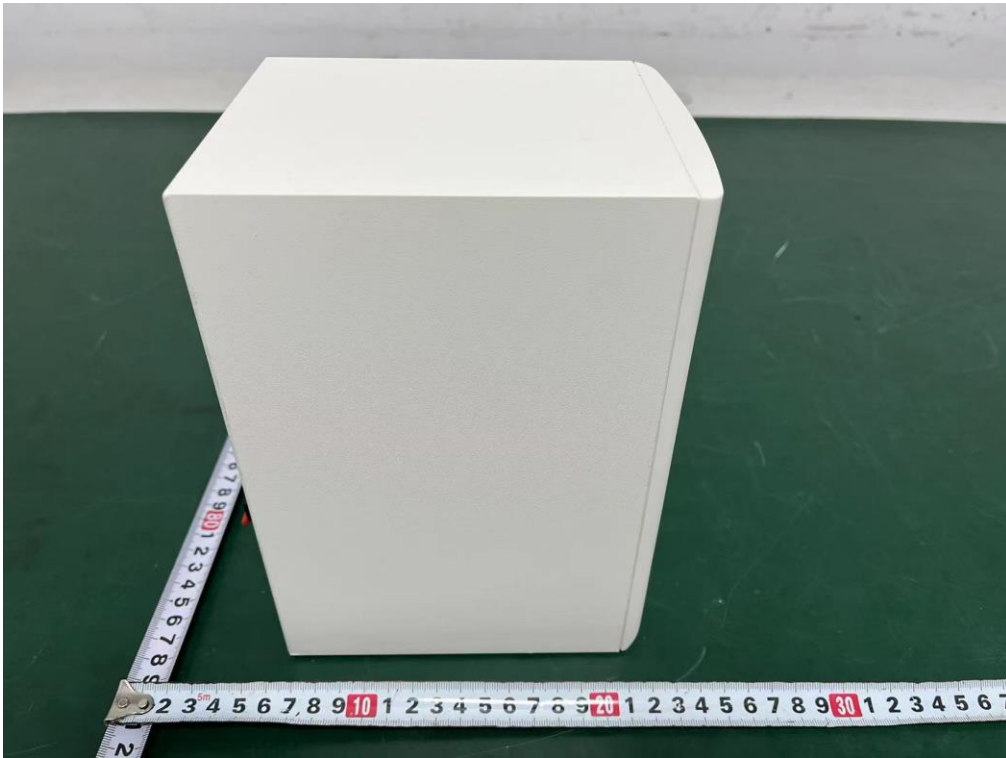
**External Photos**  
M/N: EDF100081



**External Photos**  
M/N: EDF100081



**External Photos**  
M/N: EDF100081



**External Photos**  
M/N: EDF100081

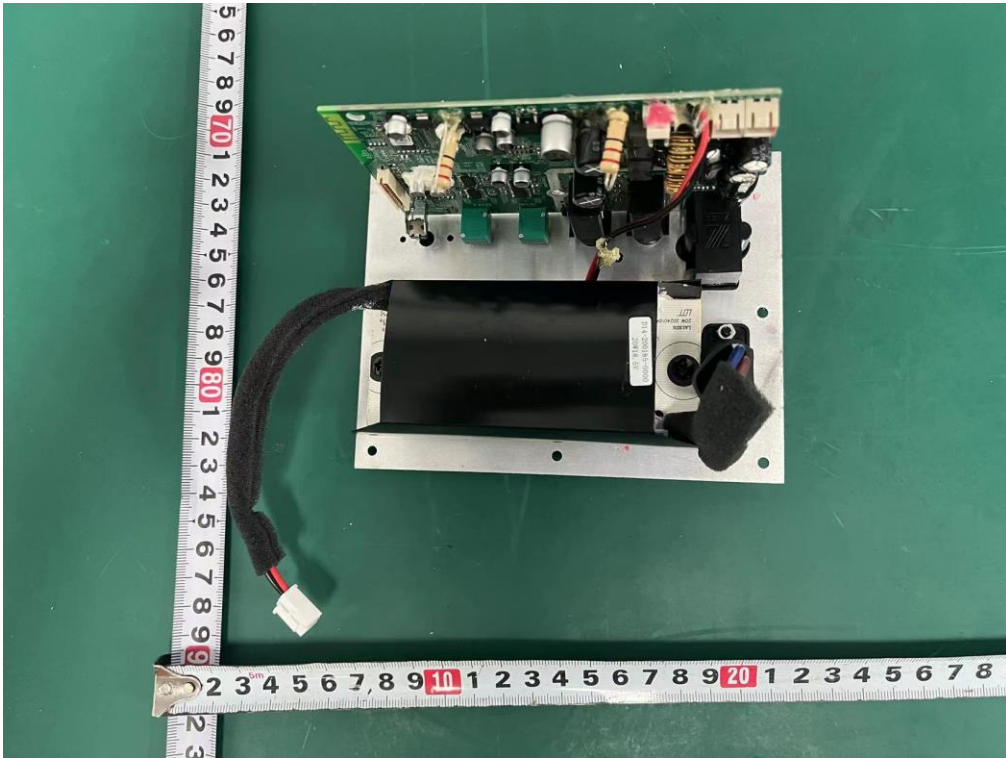
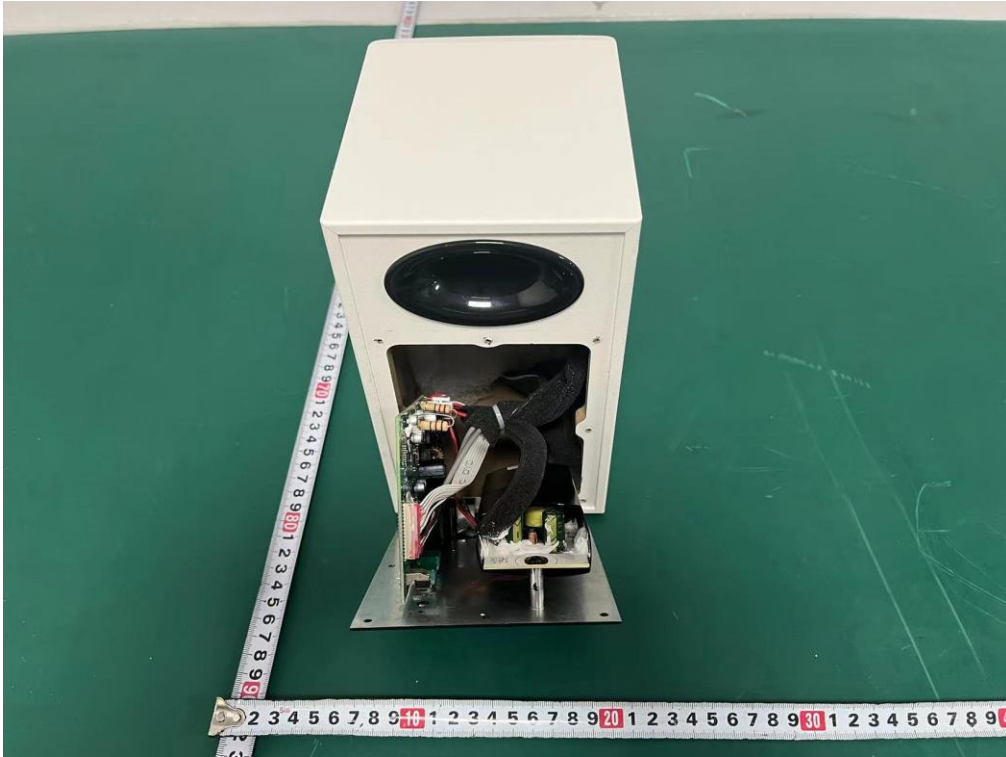




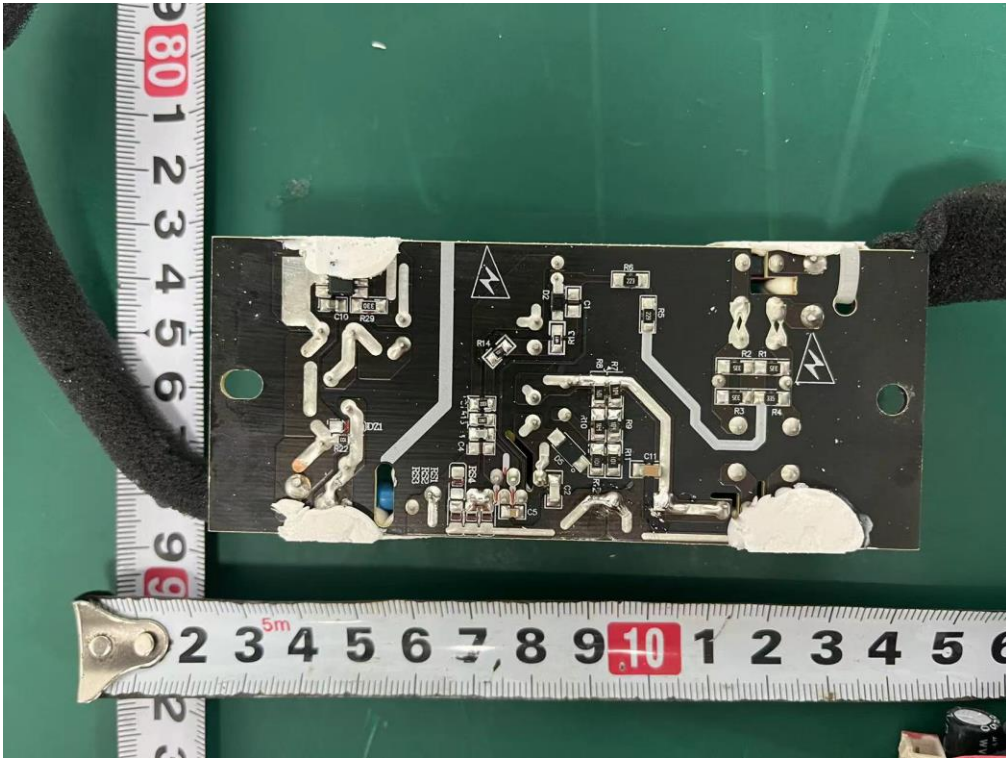
### External Photos M/N: EDF100081



**Internal Photos**  
M/N: EDF100081

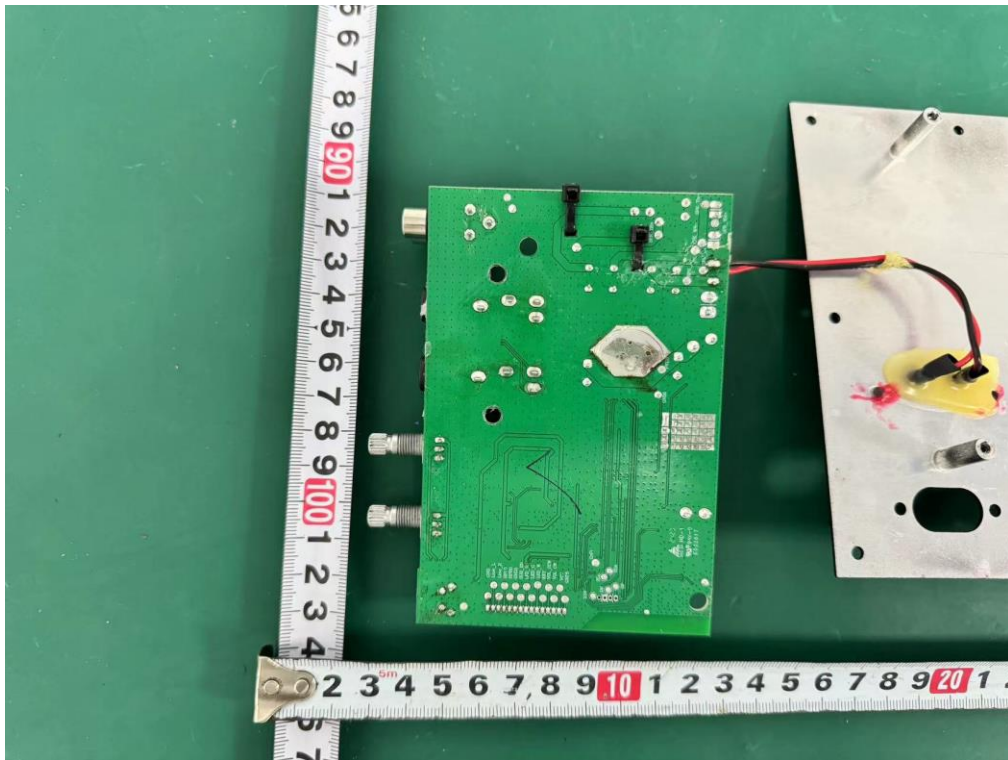
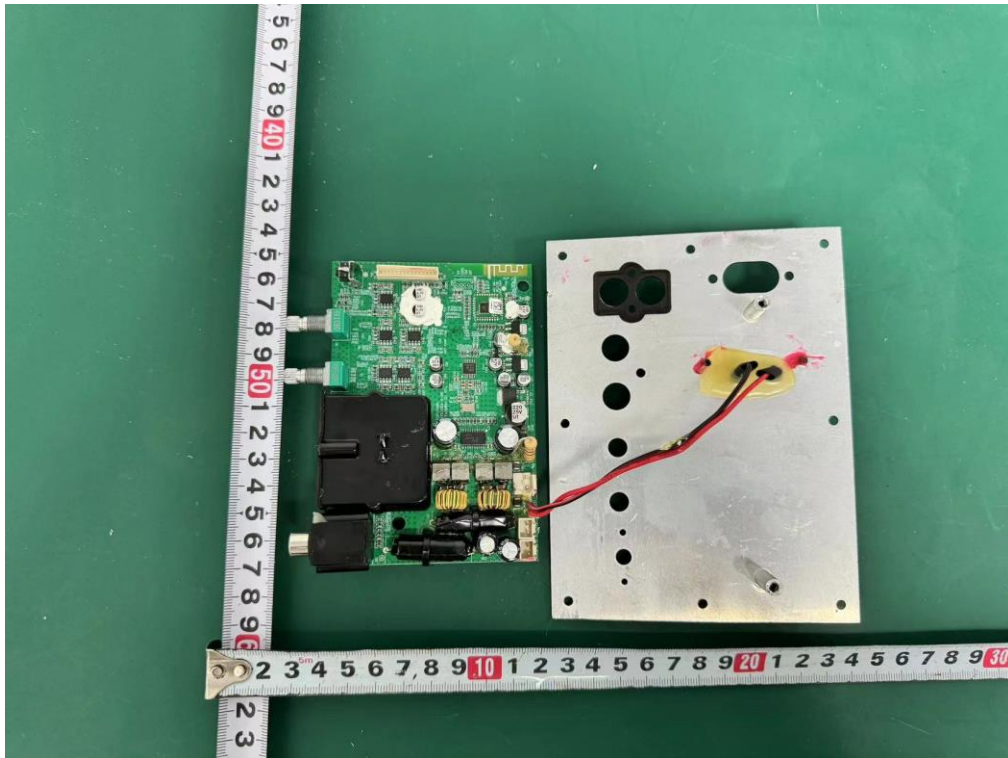


**Internal Photos**  
M/N: EDF100081



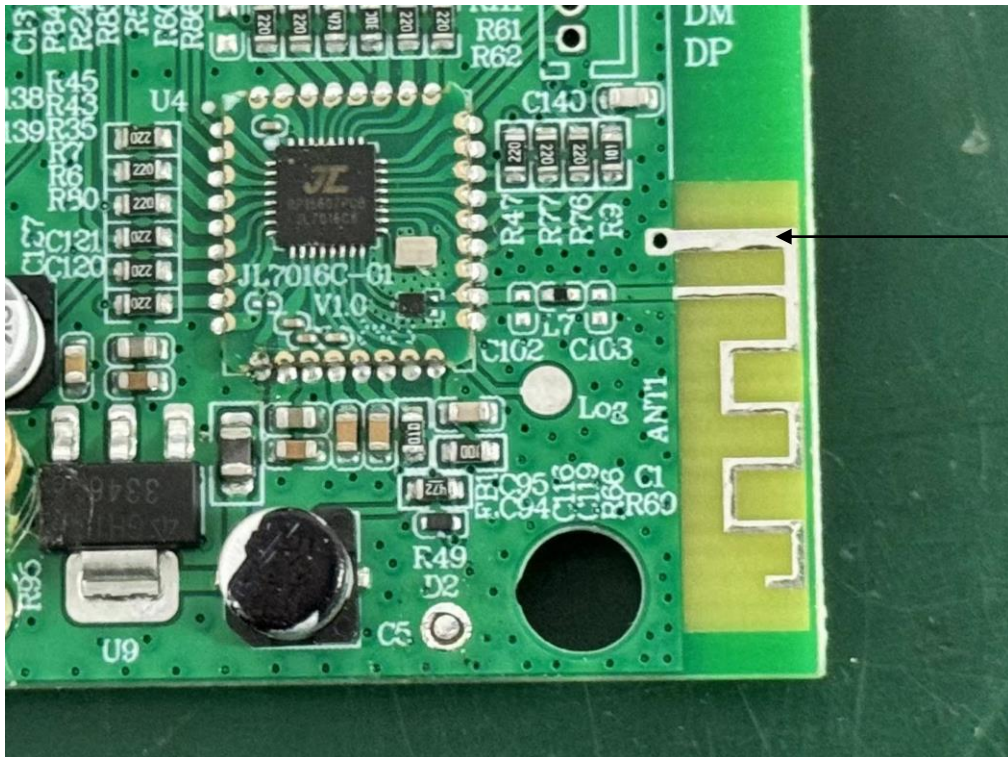
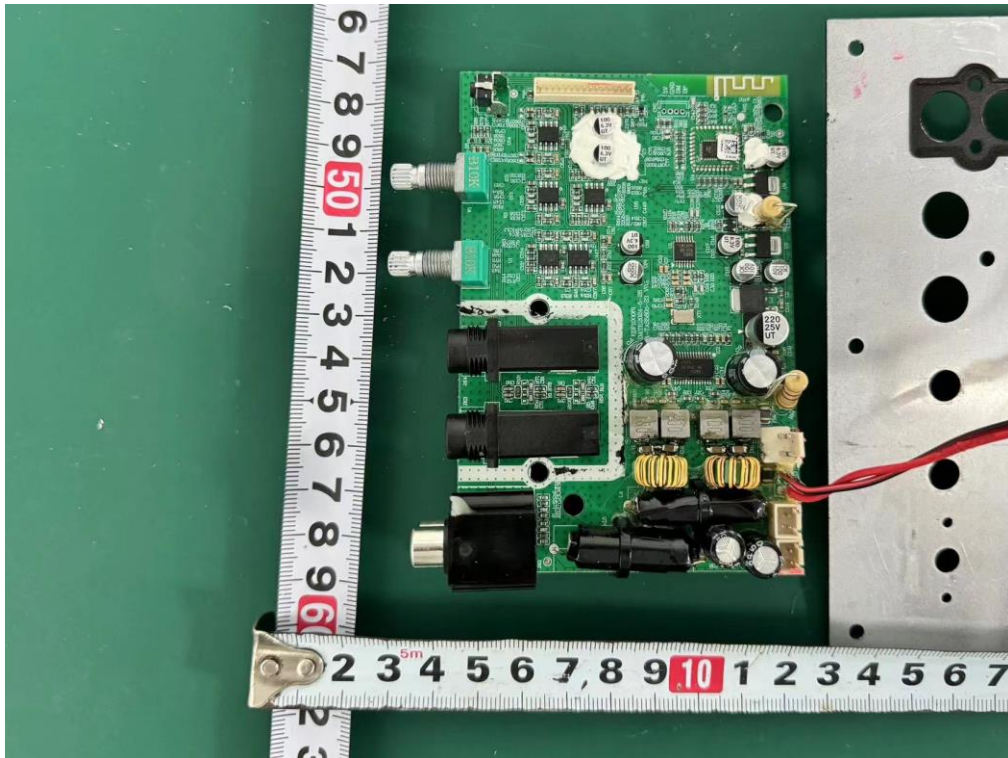


**Internal Photos**  
M/N: EDF100081





**Internal Photos**  
M/N: EDF100081



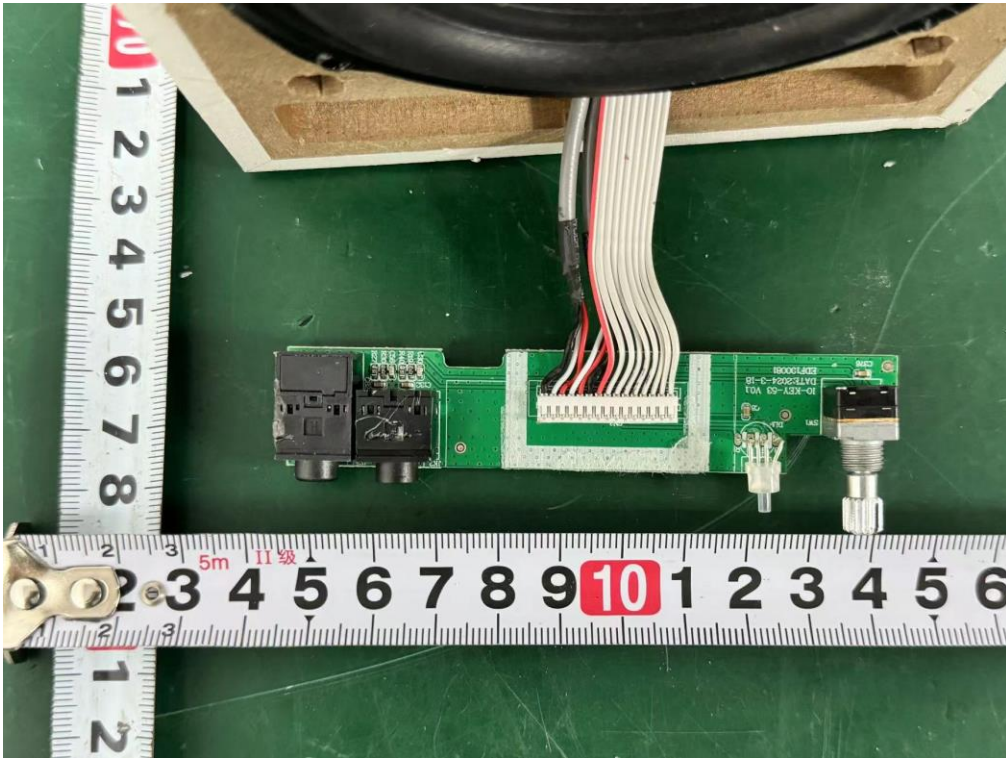
Bluetooth  
Antenna

**Internal Photos**  
M/N: EDF100081



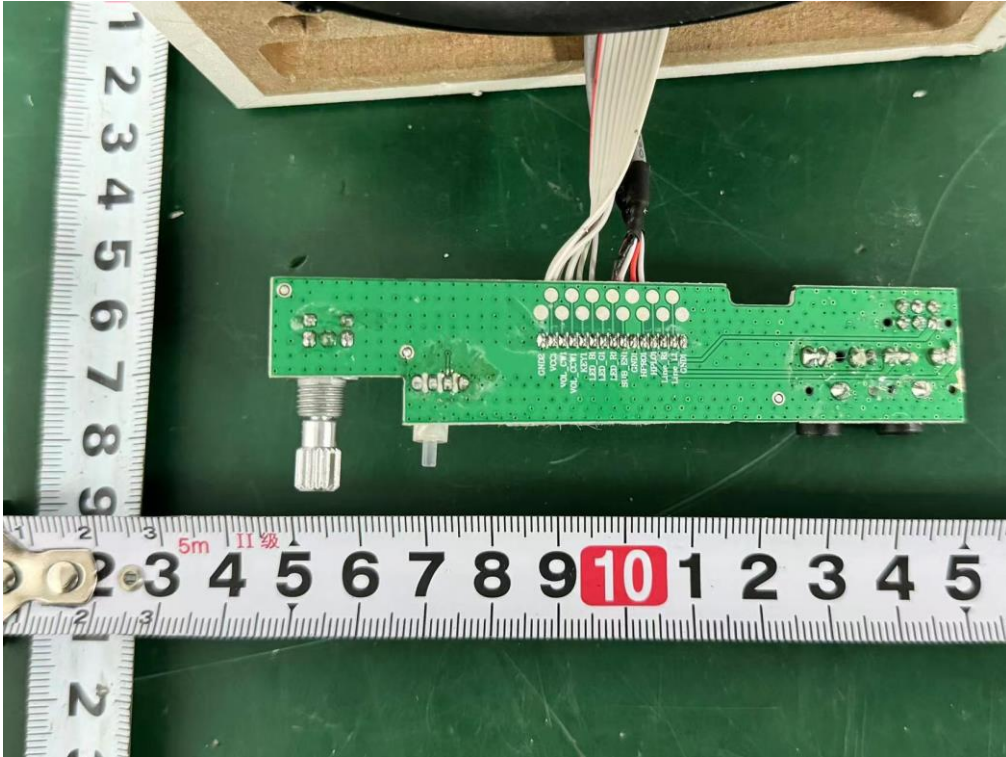


**Internal Photos**  
M/N: EDF100081



**Internal Photos**

M/N: EDF100081



**End of Test Report**