

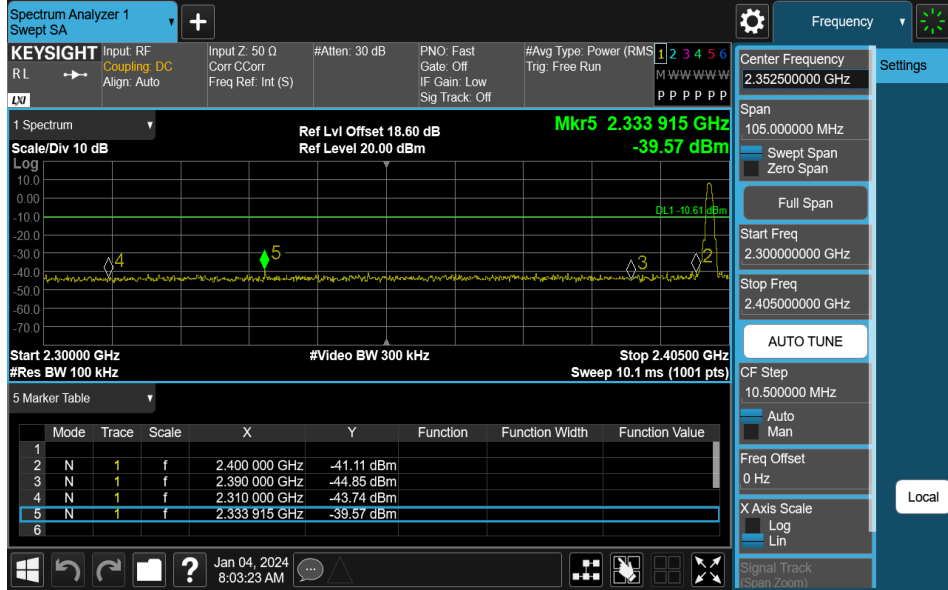
Appendix E: Band edge measurements

Test Result

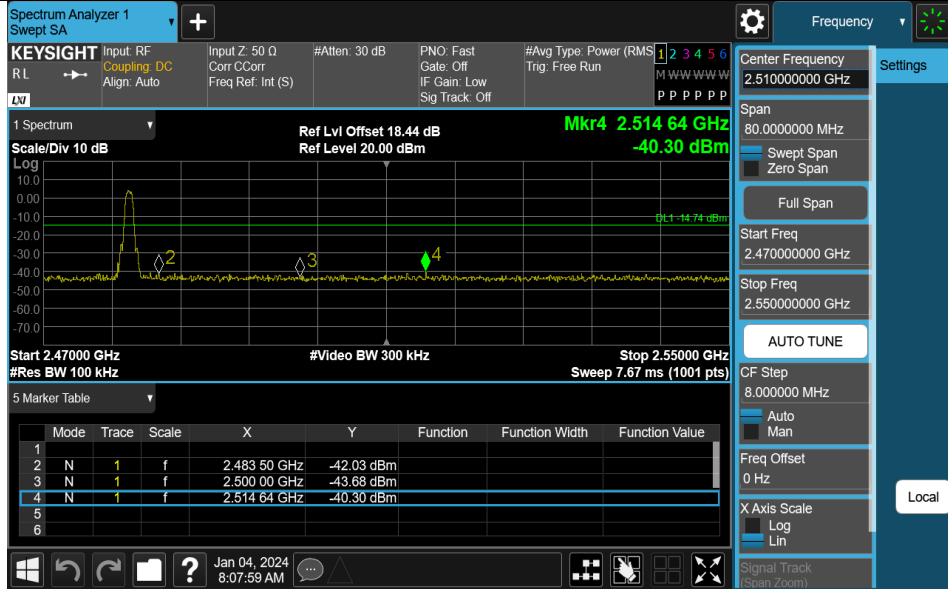
Test Mode	Antenna	Ch Name	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	9.39	-39.57	≤ -10.61	PASS
BLE_1M	Ant1	High	2480	5.26	-40.3	≤ -14.74	PASS
BLE_2M	Ant1	Low	2402	9.10	-39.98	≤ -10.9	PASS
BLE_2M	Ant1	High	2480	3.99	-40.26	≤ -16.01	PASS

Test Graphs

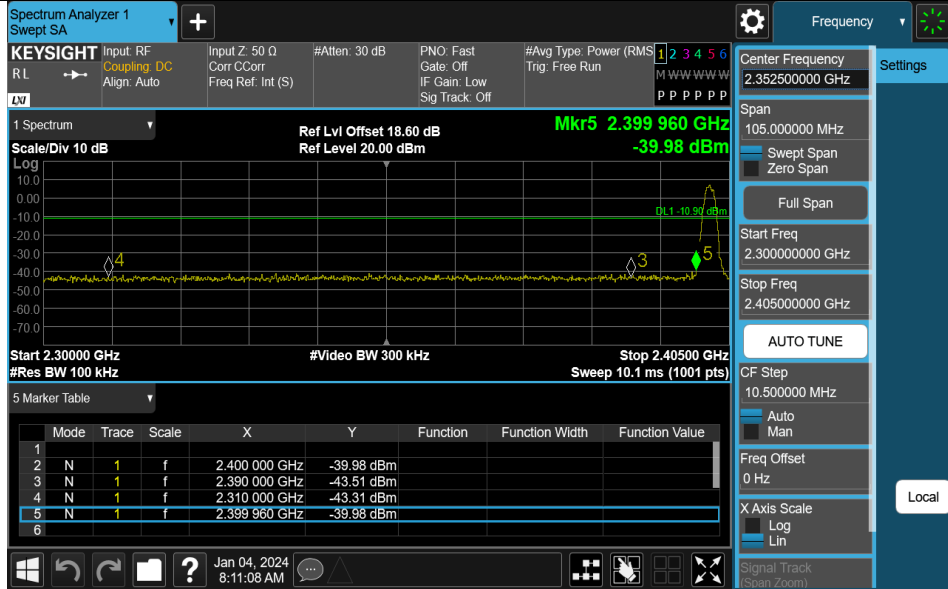
BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2480-PASS

Spectrum Analyzer 1
Swept SA

Settings
Frequency

KEYSIGHT

Input: RF
 Coupling: DC
 Align: Auto

Input Z: 50 Ω
 Corr: CCorr
 Freq Ref: Int (S)

#Atten: 30 dB
 PNO: Fast
 Gate: Off
 IF Gain: Low
 Sig Track: Off

#Avg Type: Power (RMS)
 Trig: Free Run

1 2 3 4 5 6
 M WWW WWW
 P P P P P P

1 Spectrum Ref Lvl Offset 18.44 dB

Mkr4 2.515 20 GHz

-40.26 dBm

UL1 -16.91 dBm

Scale/Div 10 dB

Log

Start 2.47000 GHz #Video BW 300 kHz Stop 2.55000 GHz

#Res BW 100 kHz Sweep 7.67 ms (1001 pts)

5 Marker Table

1	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
2	N	1	f	2.483 50 GHz	-41.88 dBm			
3	N	1	f	2.500 00 GHz	-43.69 dBm			
4	N	1	f	2.515 20 GHz	-40.26 dBm			
5								
6								

CF Step
 8.000000 MHz
 Auto
 Man

Freq Offset
 0 Hz

X Axis Scale
 Log
 Lin

Signal Track
 (Span Zoom)

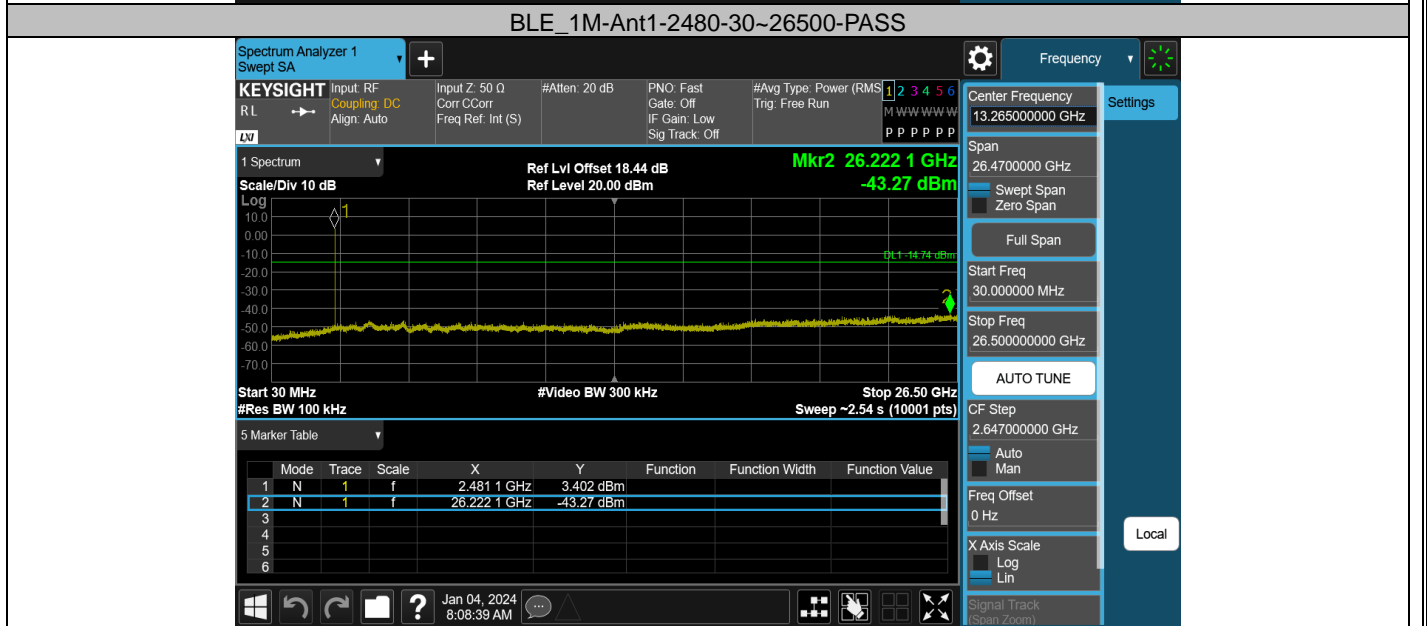
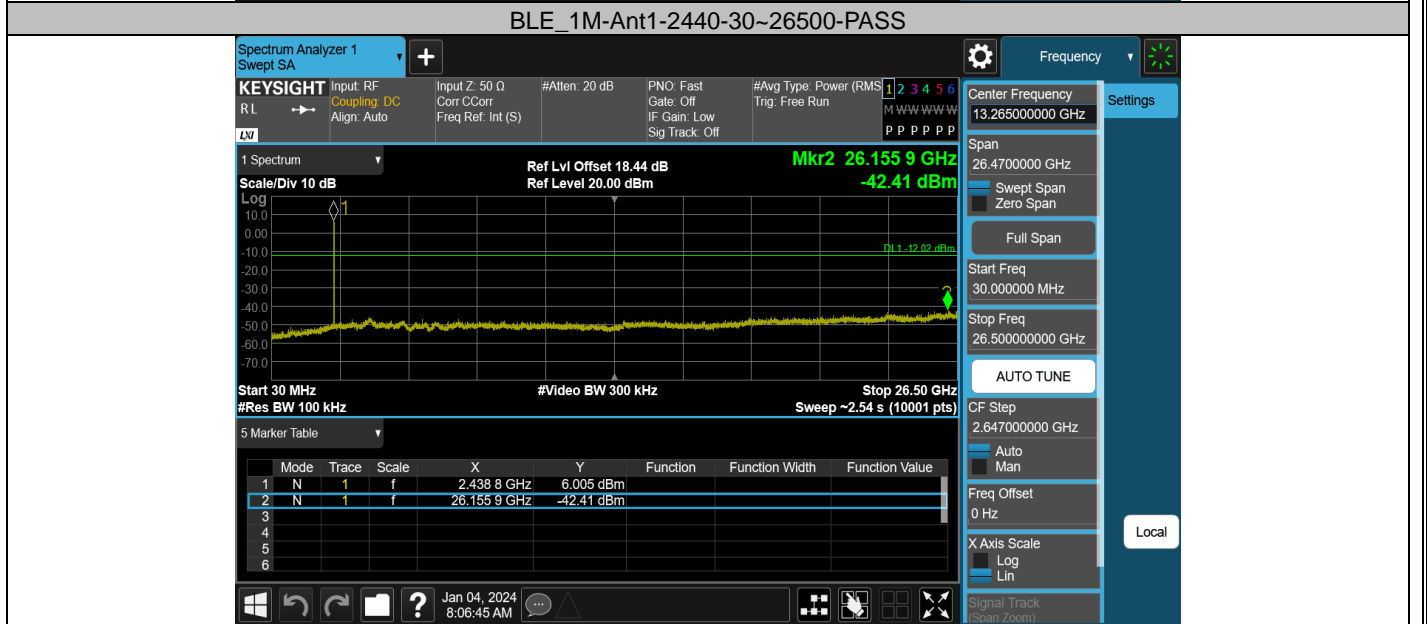
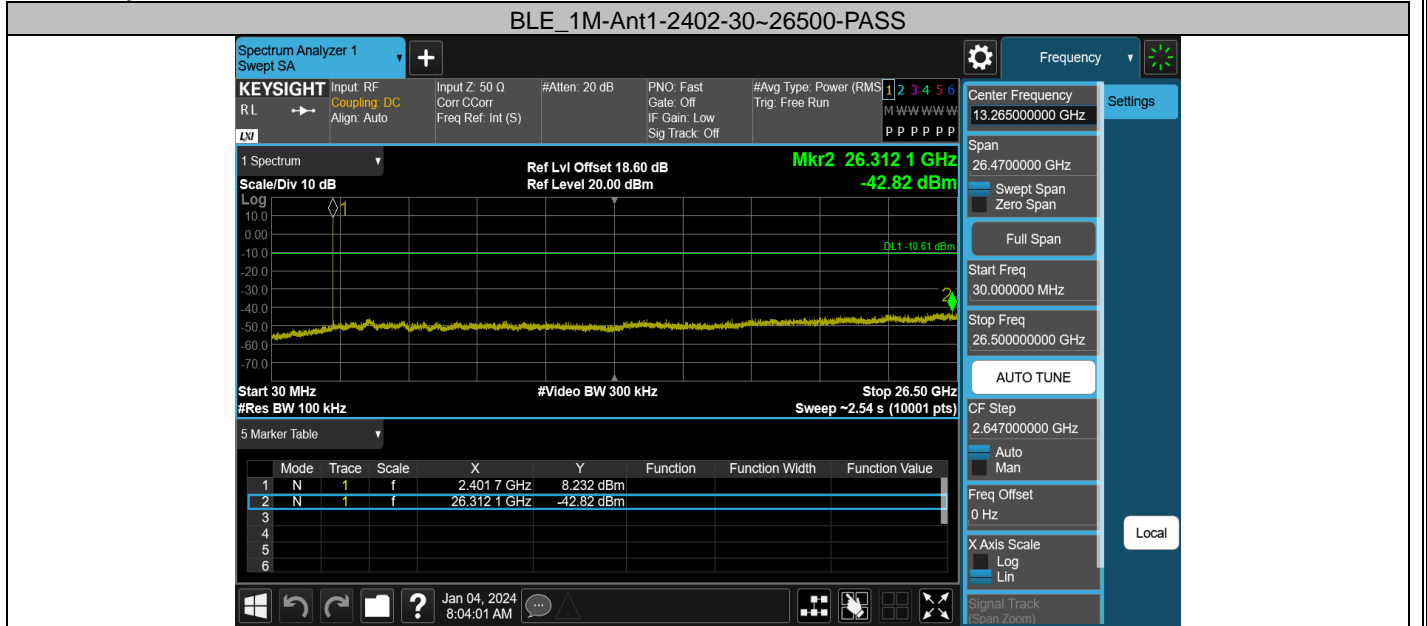
Jan 16, 2024
 1:50:38 PM

Local

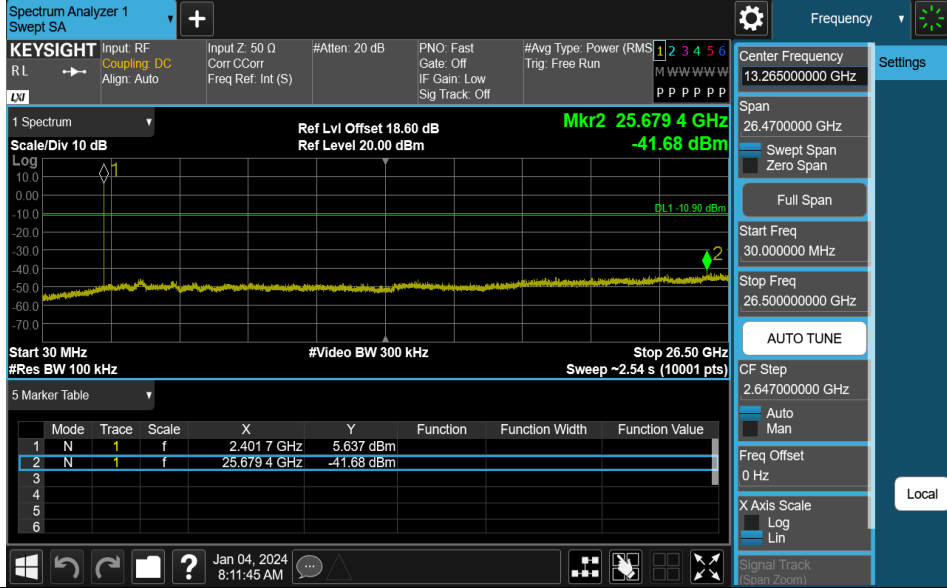
Appendix F: Conducted Spurious Emission Test Result

Test Mode	Antenna	Frequency[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	9.39	-42.82	≤-10.61	PASS
BLE_1M	Ant1	2440	30~26500	7.98	-42.41	≤-12.02	PASS
BLE_1M	Ant1	2480	30~26500	5.26	-43.27	≤-14.74	PASS
BLE_2M	Ant1	2402	30~26500	9.10	-41.68	≤-10.9	PASS
BLE_2M	Ant1	2440	30~26500	8.92	-43.36	≤-11.08	PASS
BLE_2M	Ant1	2480	30~26500	3.99	-41.81	≤-16.01	PASS

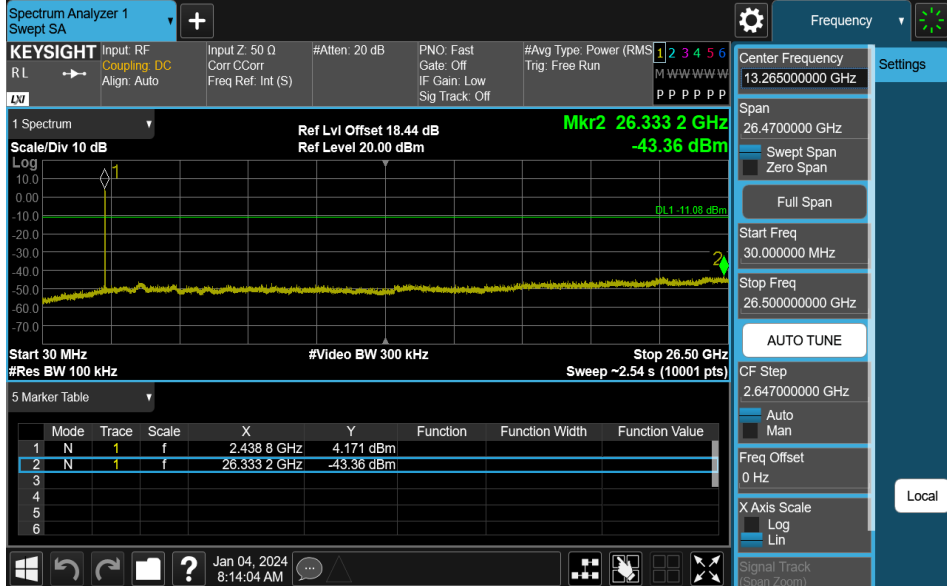
Test Graphs



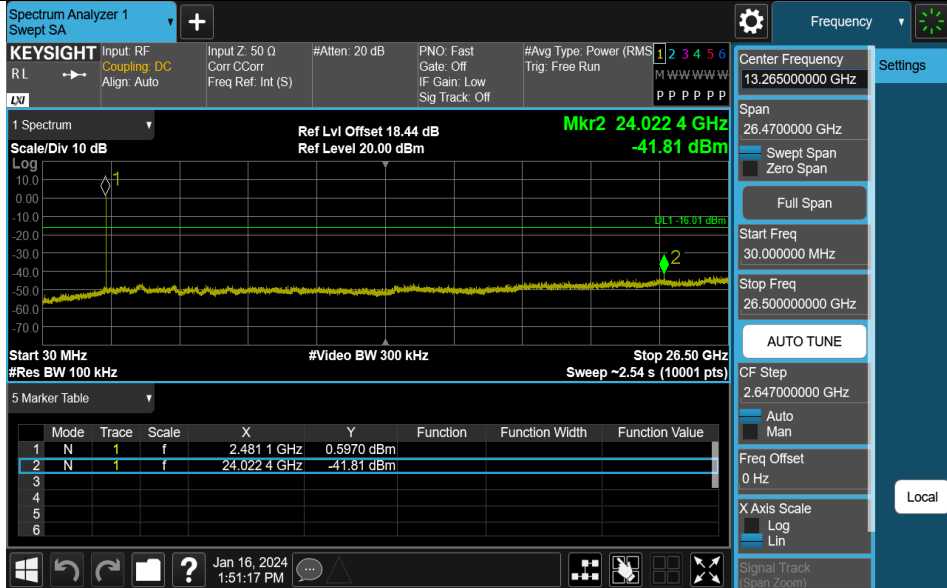
BLE_2M-Ant1-2402-30~26500-PASS



BLE_2M-Ant1-2440-30~26500-PASS



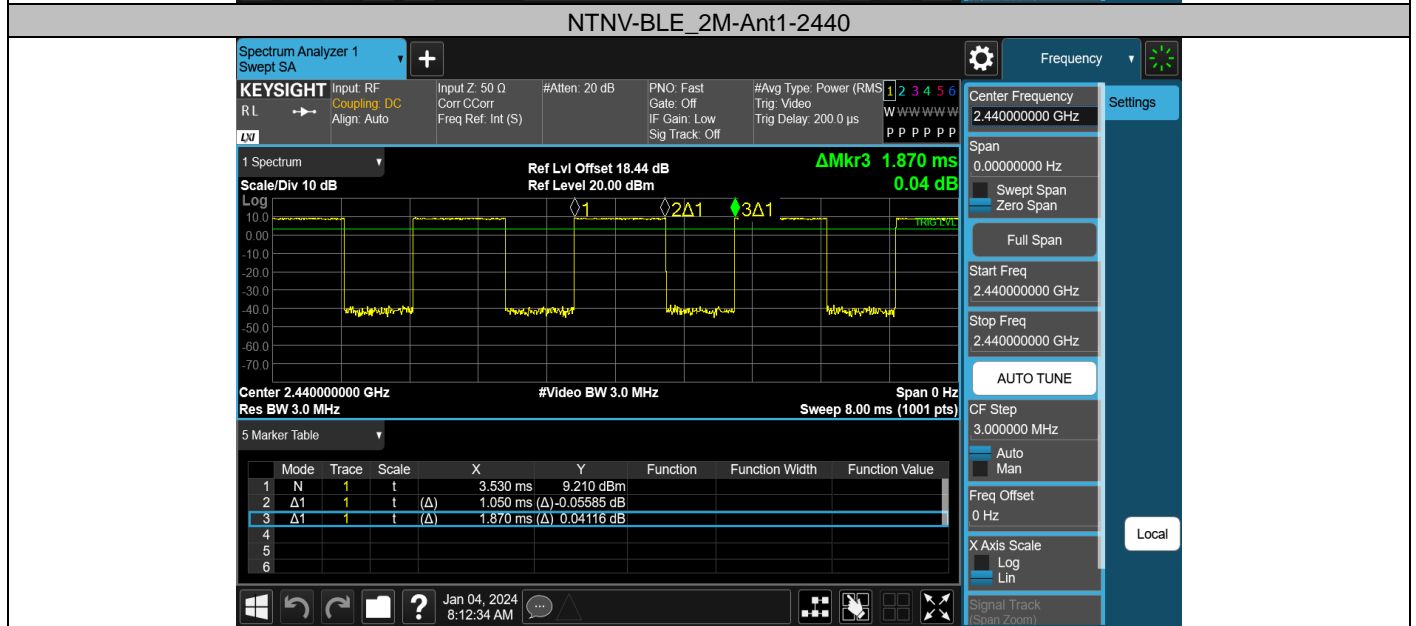
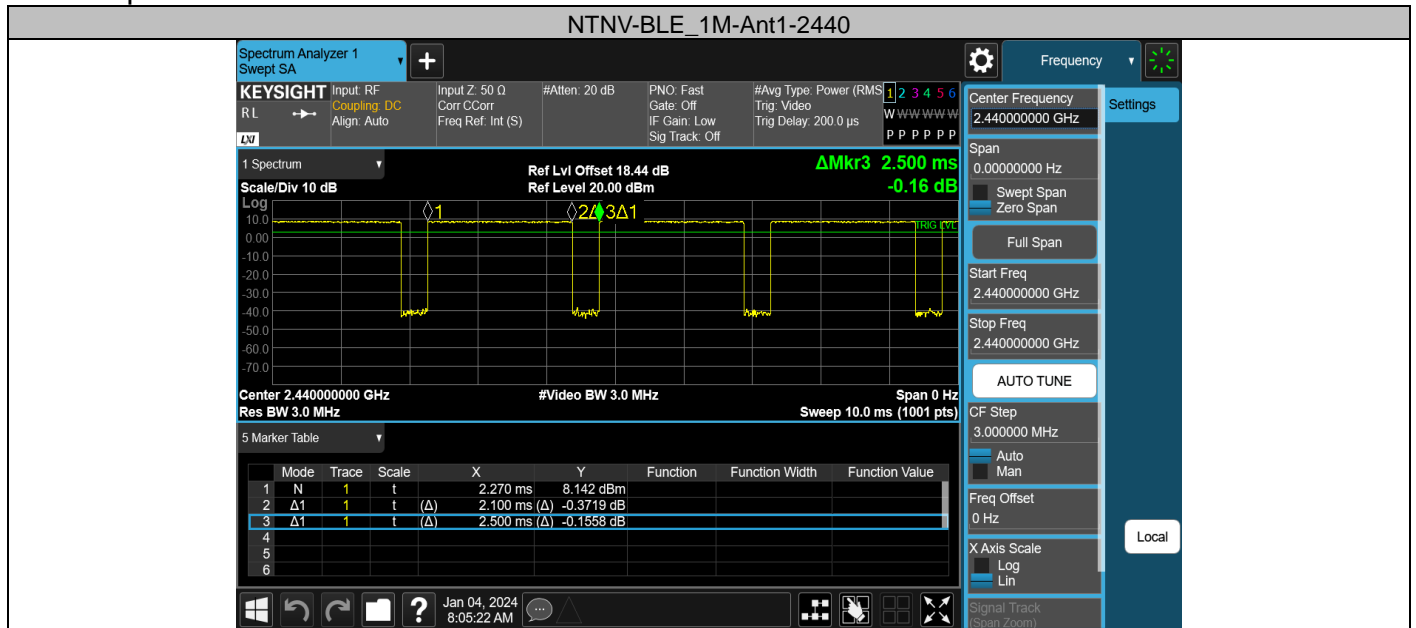
BLE_2M-Ant1-2480-30~26500-PASS



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	2.10	2.50	84.00	0.76
BLE_2M	Ant1	2440	1.05	1.87	56.15	2.51

Test Graphs

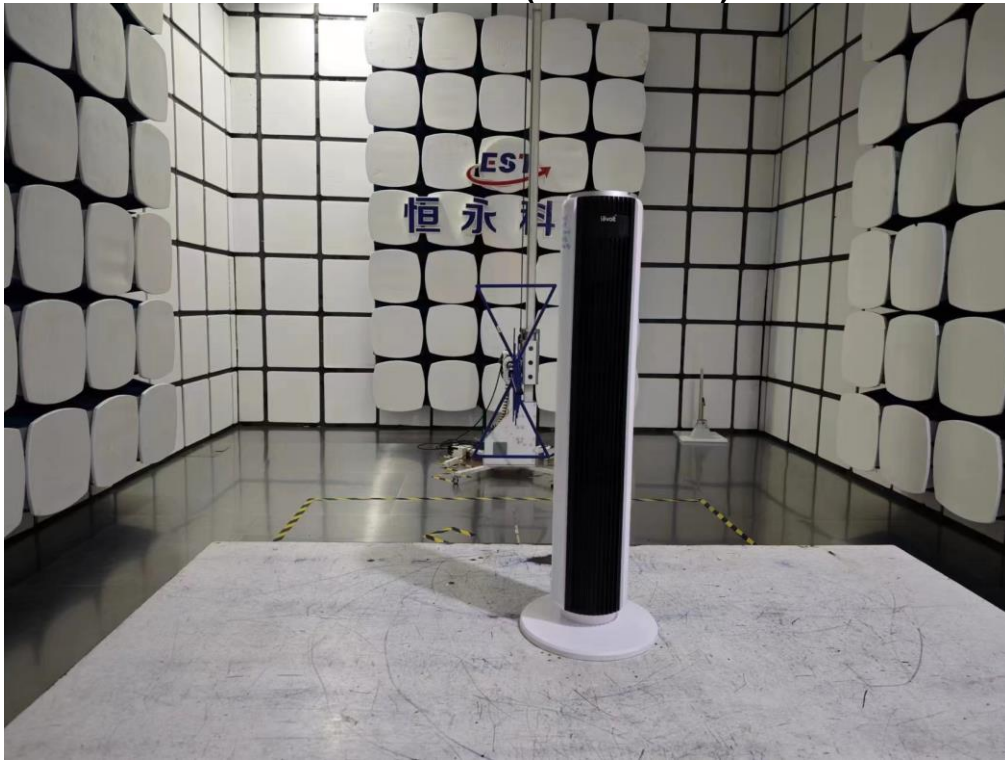


12. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)



C

Radiated Test (Above 1GHz)



13. EUT PHOTO

External Photos
M/N: LTF-F362S-WUSR



External Photos
M/N: LTF-F362S-WUSR



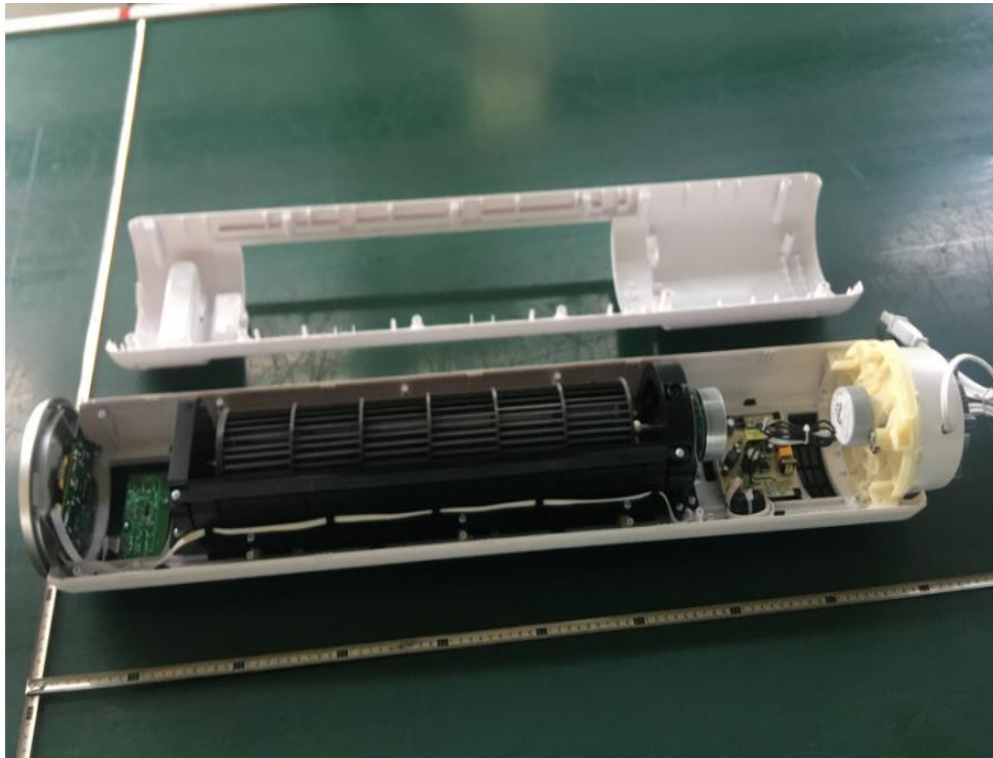
External Photos
M/N: LTF-F362S-WUSR



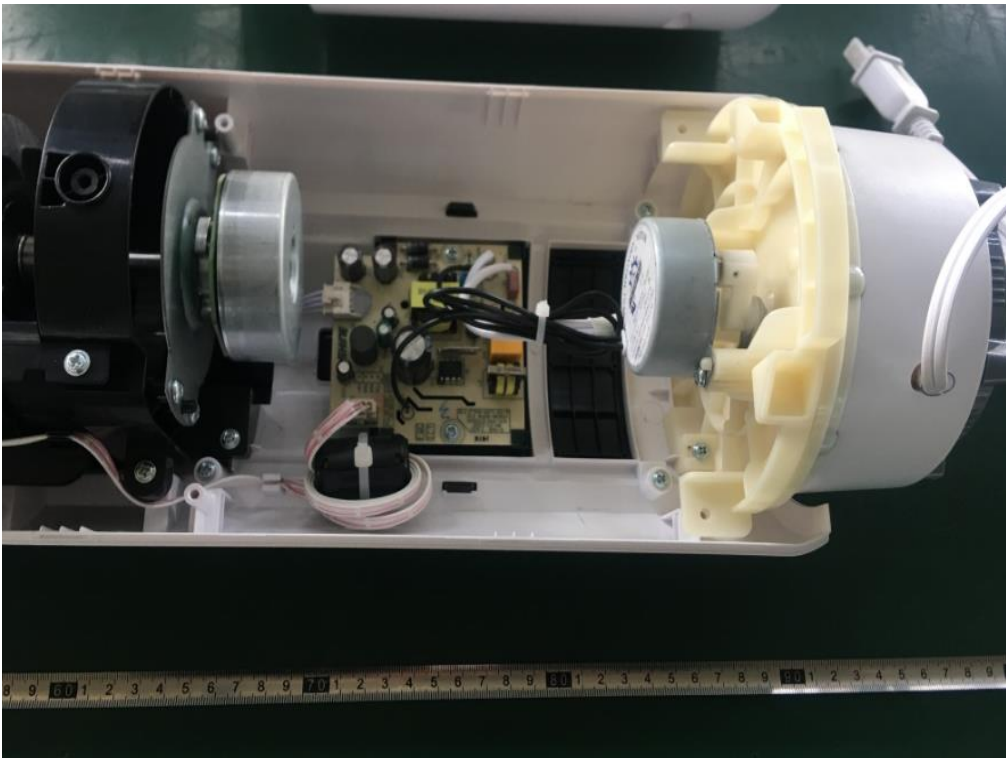
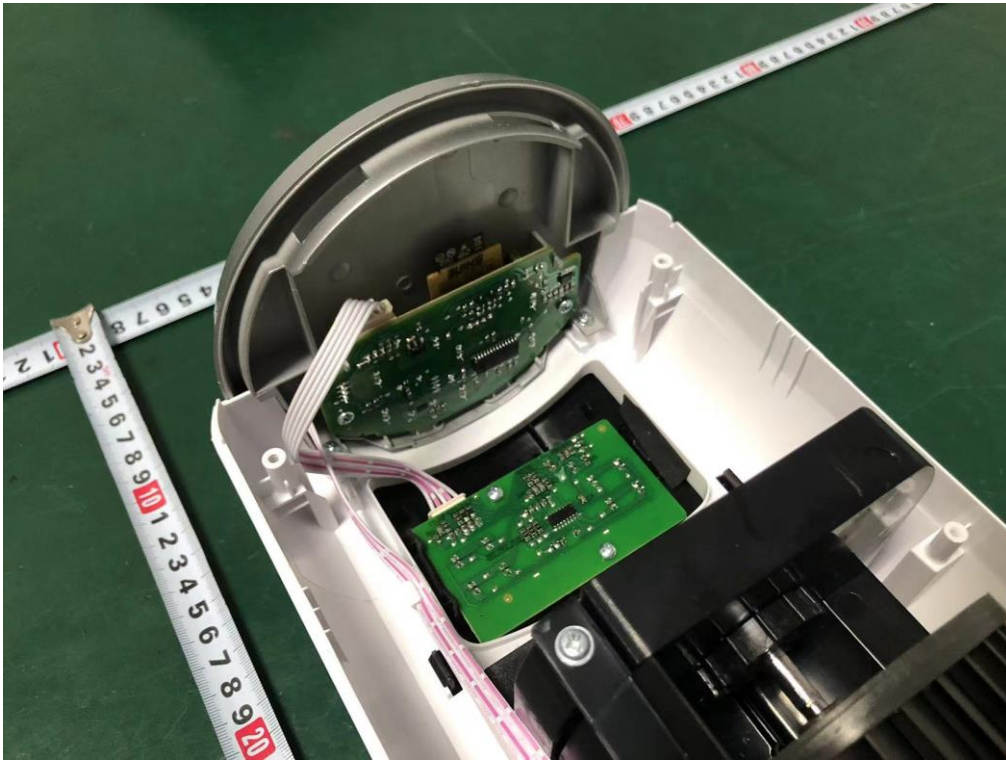
External Photos
M/N: LTF-F362S-WUSR



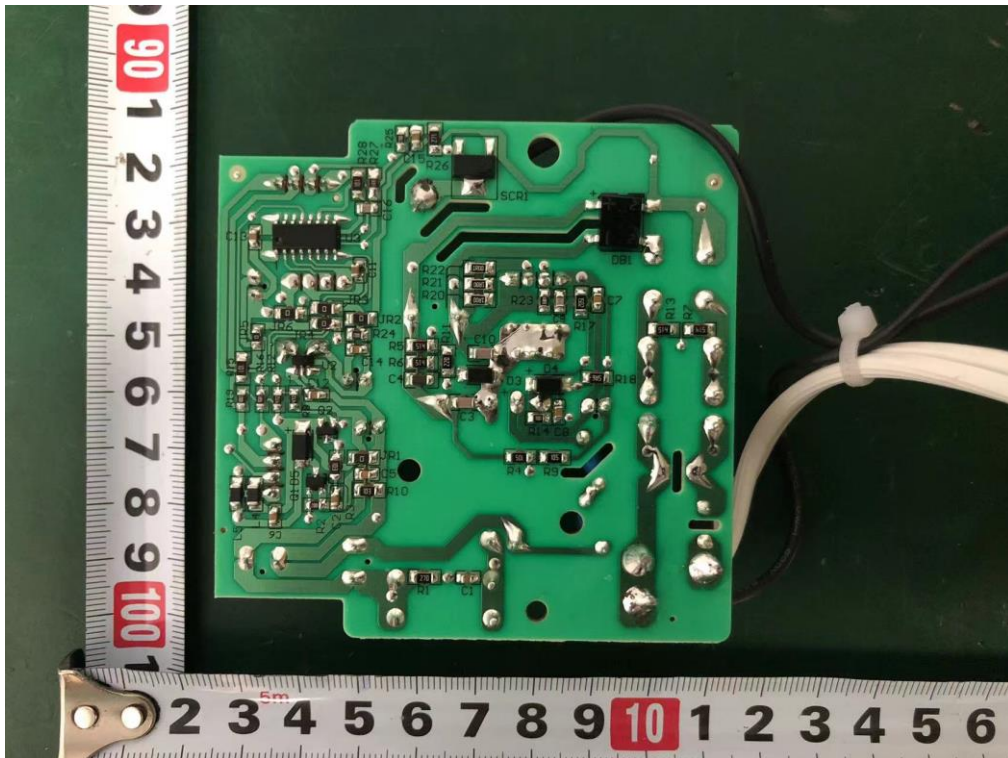
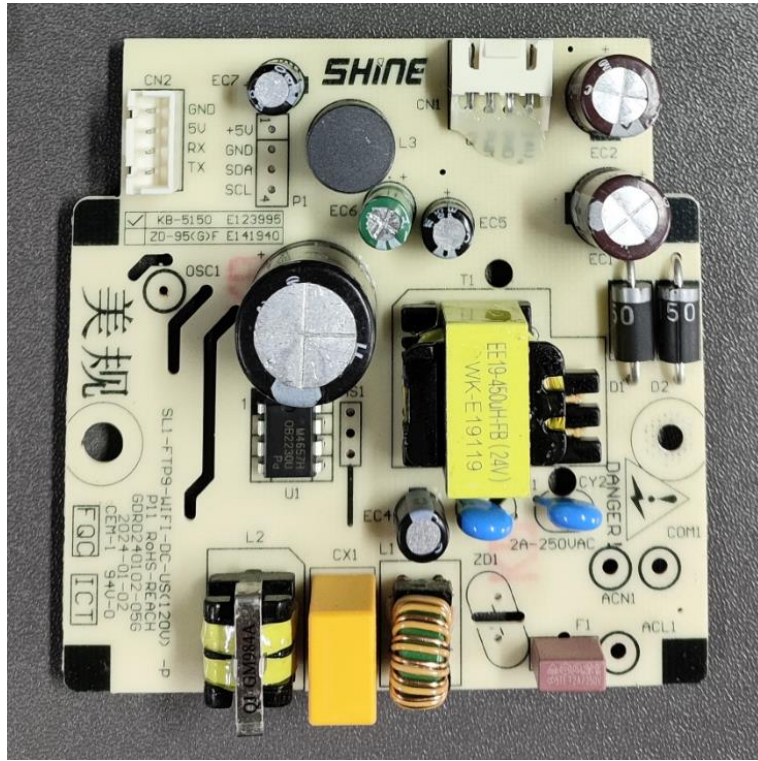
Internal Photos
M/N: LTF-F362S-WUSR



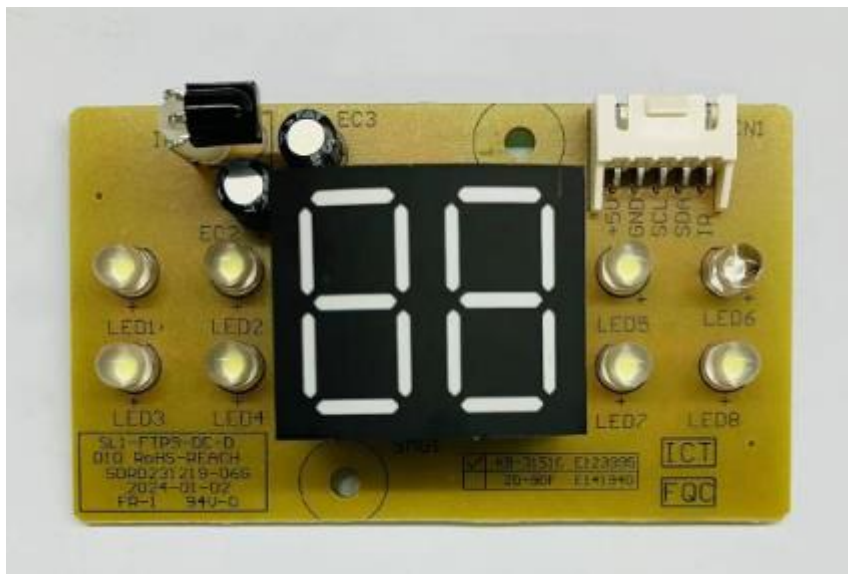
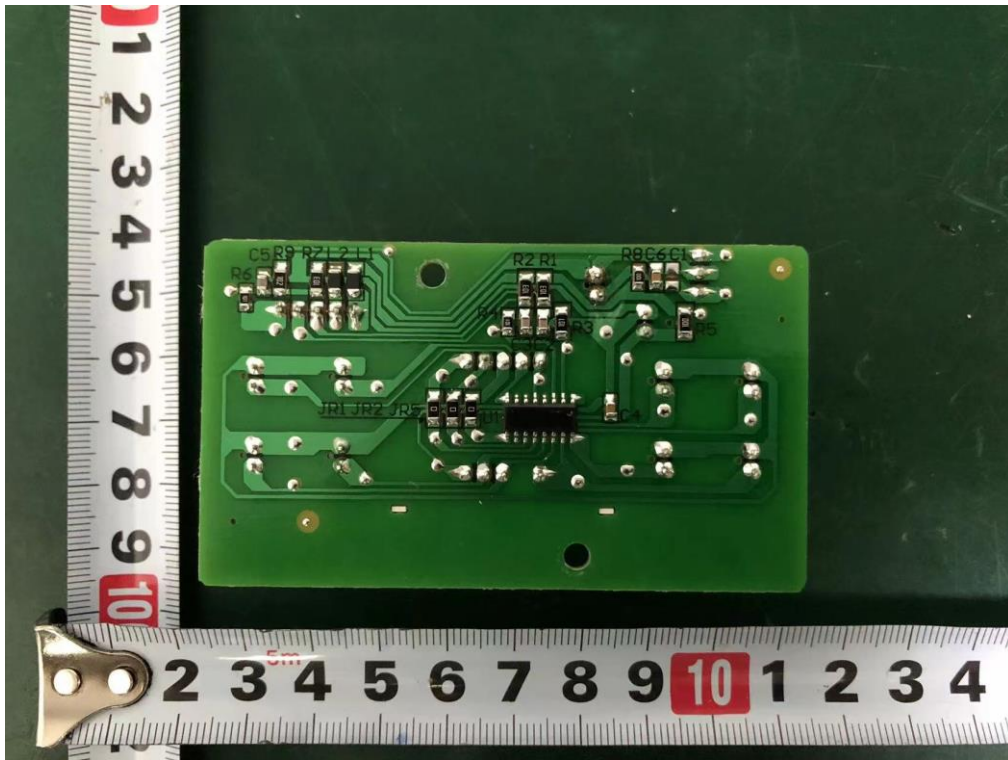
Internal Photos
M/N: LTF-F362S-WUSR



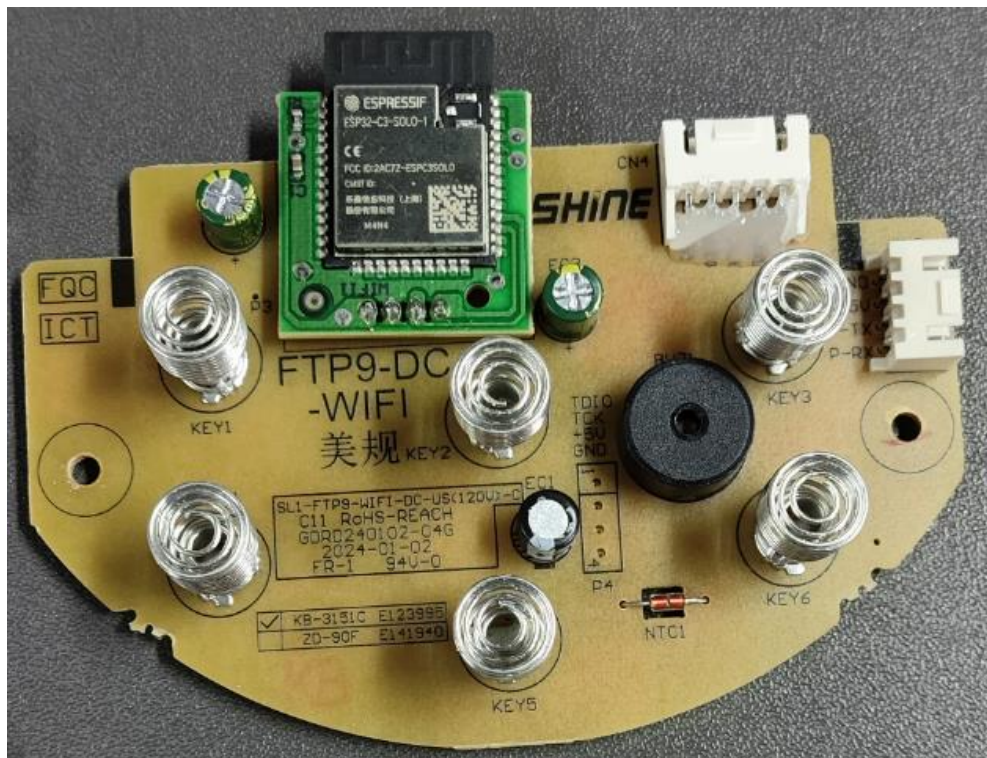
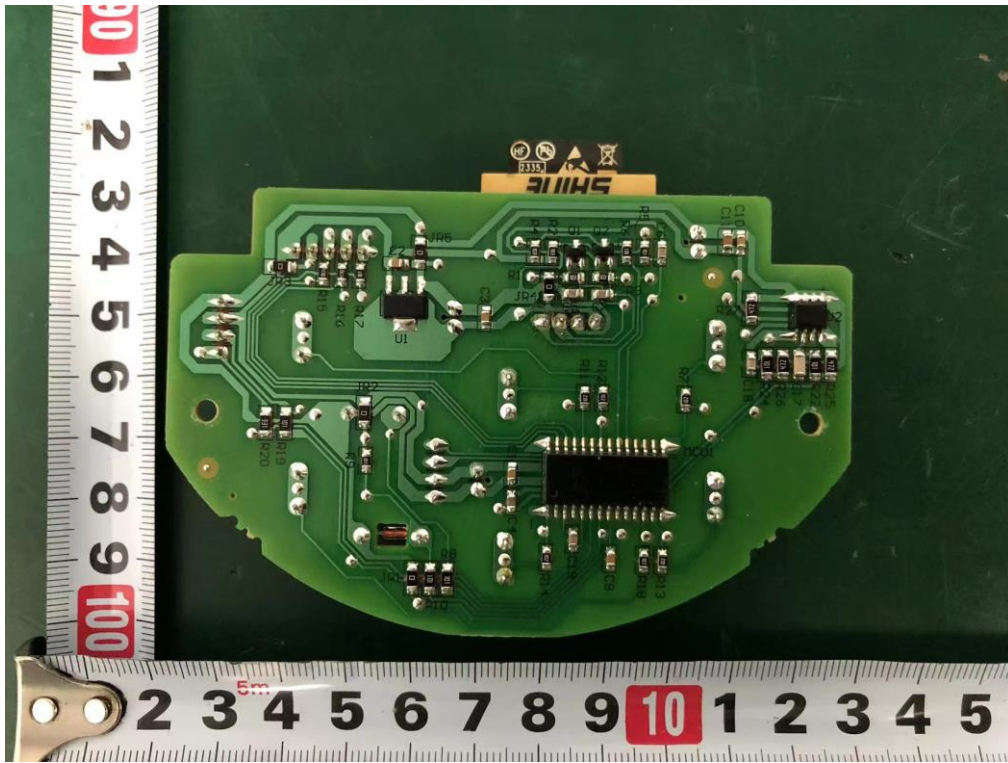
Internal Photos M/N: LTF-F362S-WUSR



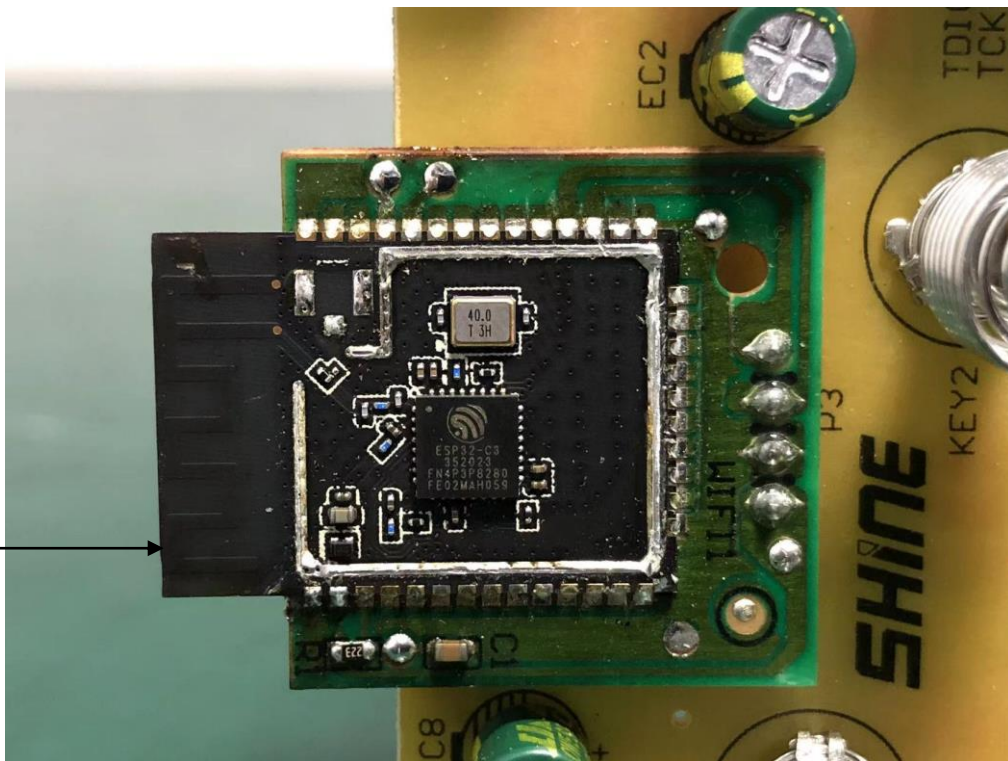
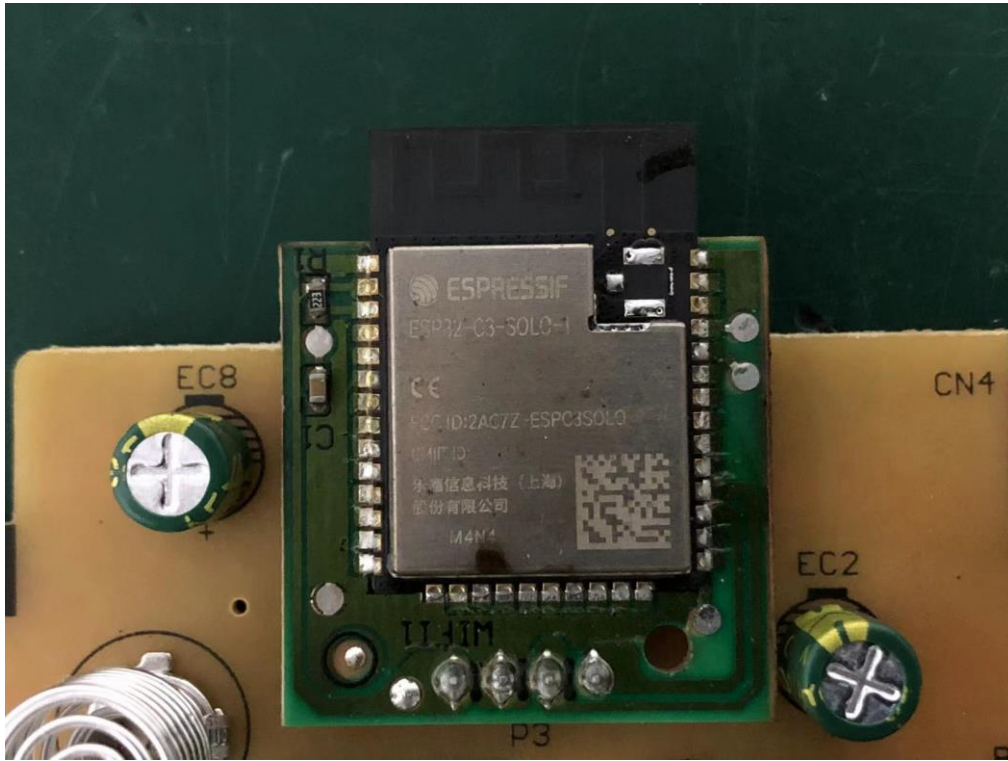
Internal Photos
M/N: LTF-F362S-WUSR



Internal Photos
M/N: LTF-F362S-WUSR



Internal Photos
M/N: LTF-F362S-WUSR



End of Test Report