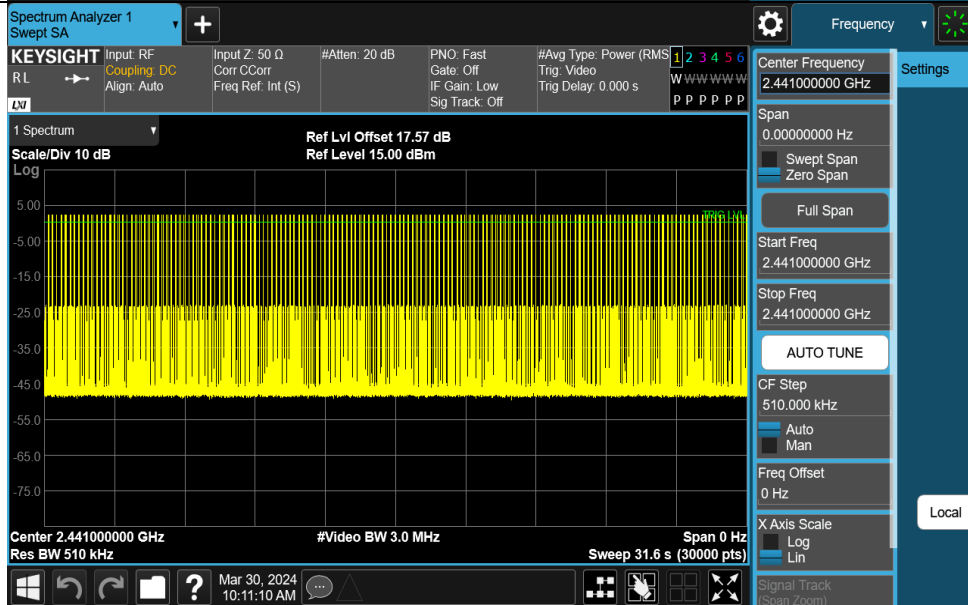
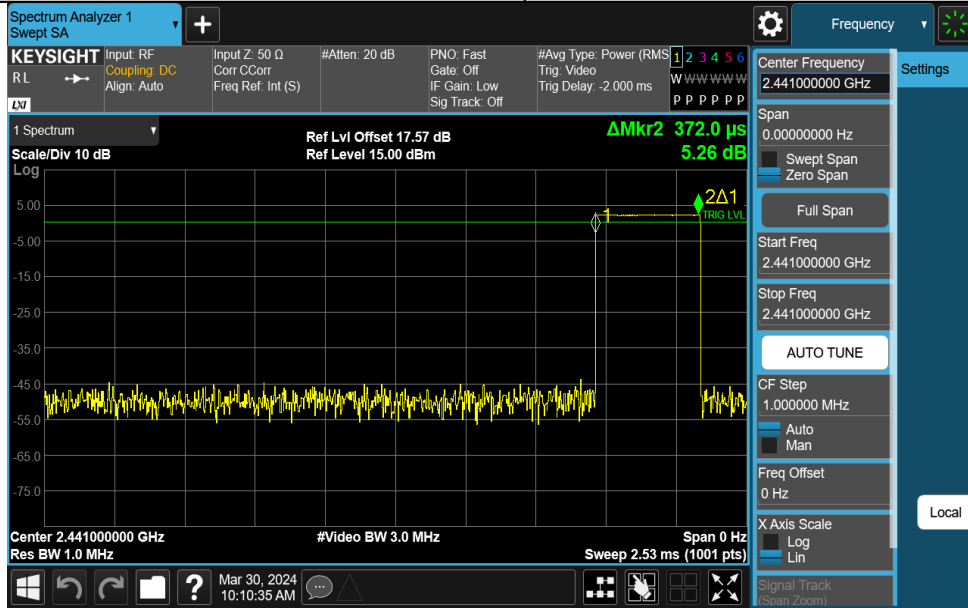


Appendix D: Time of occupancy Test Result

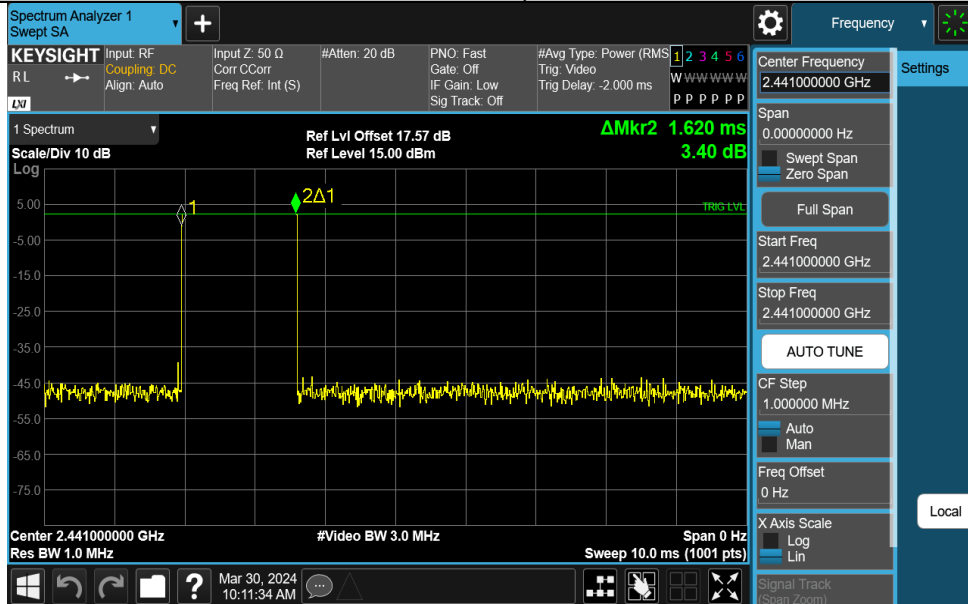
Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.372	317	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.620	105	0.170	≤0.4	PASS
DH5	Ant1	Hop	2.860	67	0.192	≤0.4	PASS
2DH1	Ant1	Hop	0.383	315	0.121	≤0.4	PASS
2DH3	Ant1	Hop	1.620	107	0.173	≤0.4	PASS
2DH5	Ant1	Hop	2.860	62	0.177	≤0.4	PASS

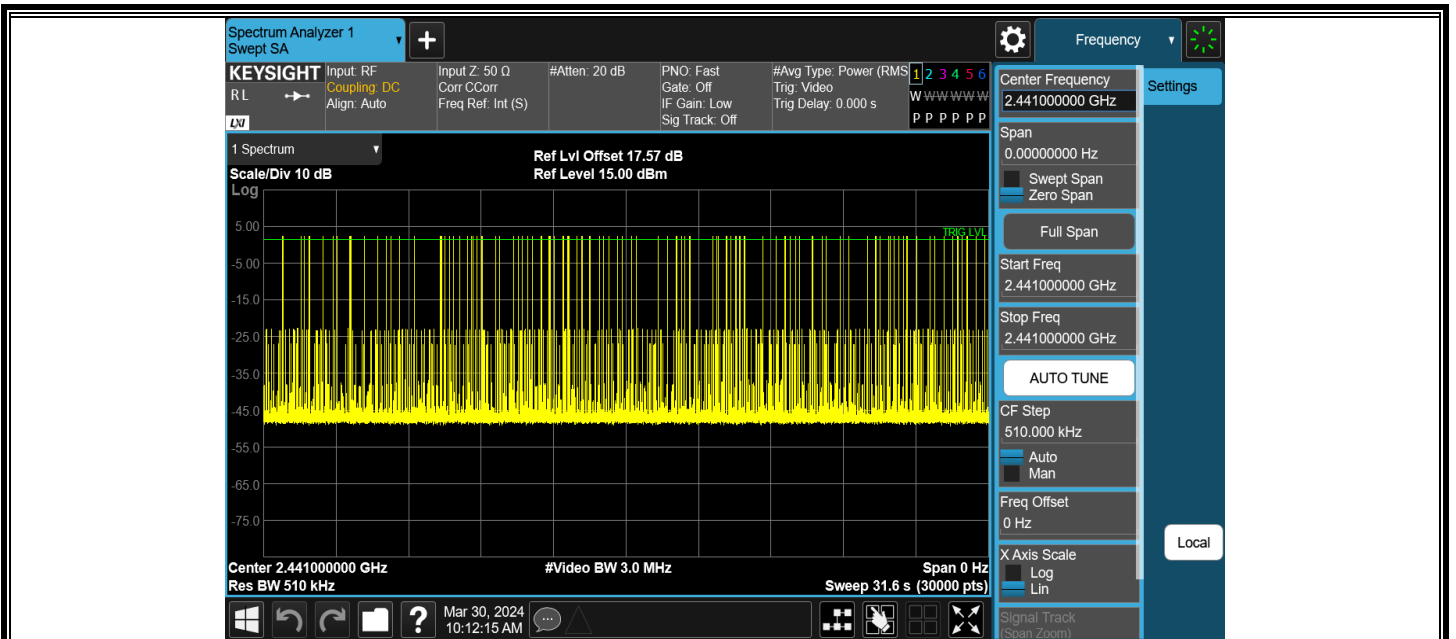
Test Graphs

DH1-Ant1-Hop-PASS



DH3-Ant1-Hop-PASS

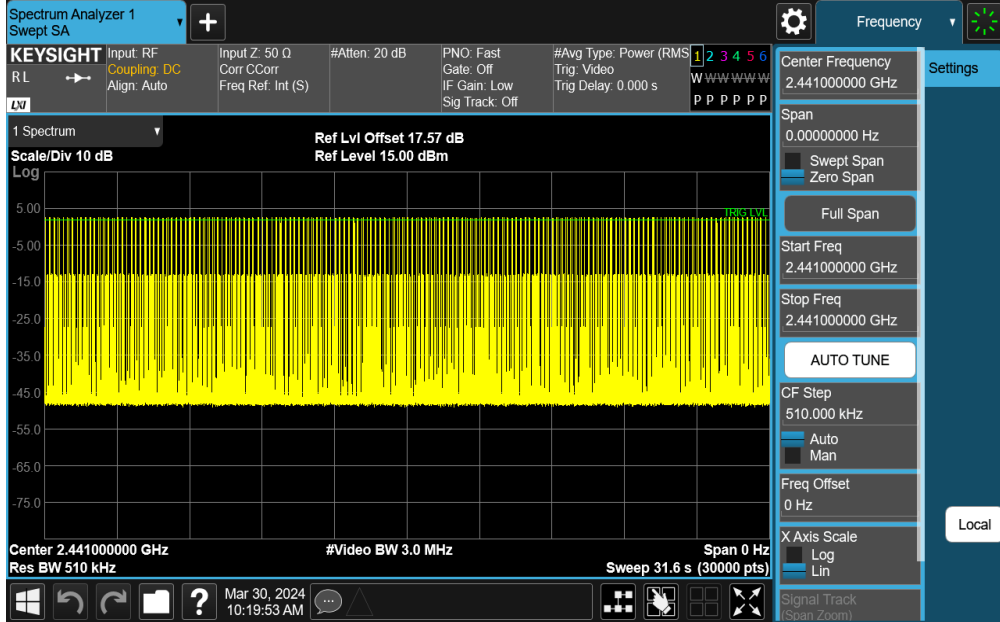
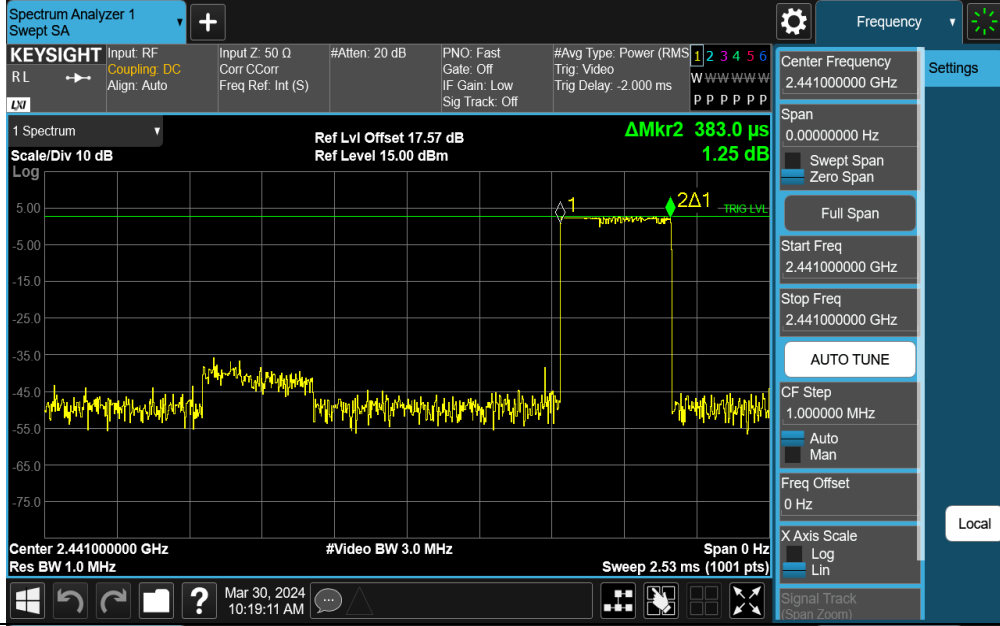




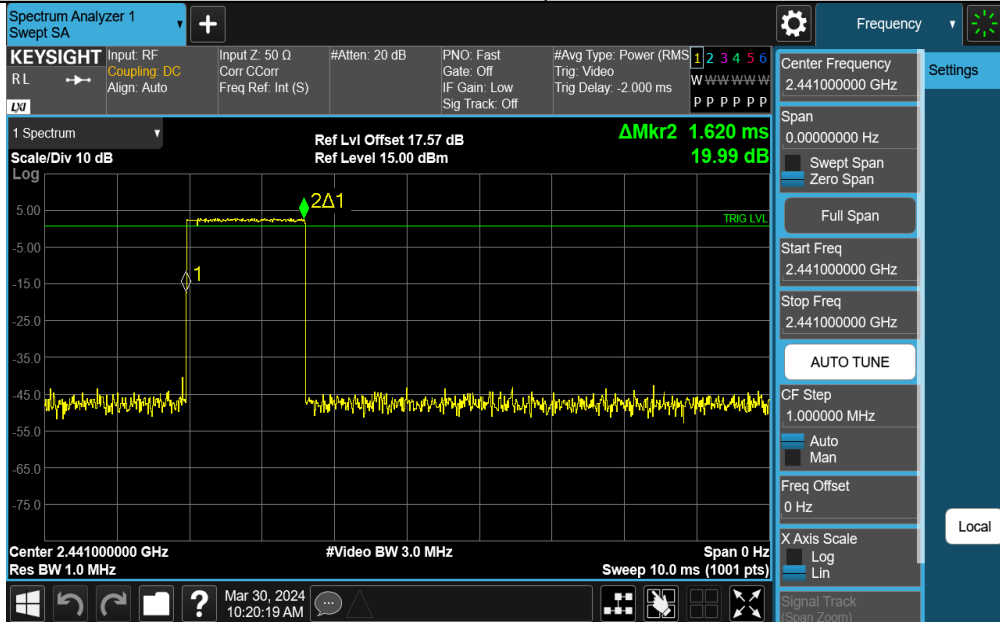
DH5-Ant1-Hop-PASS

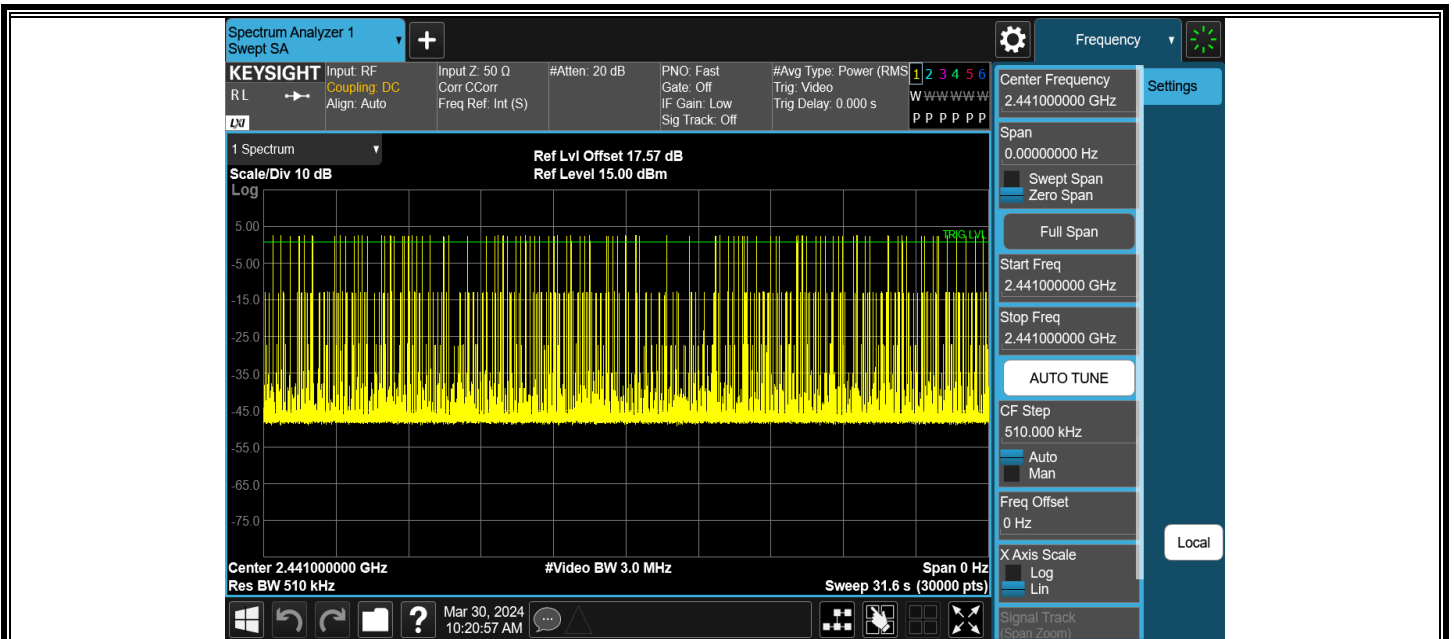


2DH1-Ant1-Hop-PASS

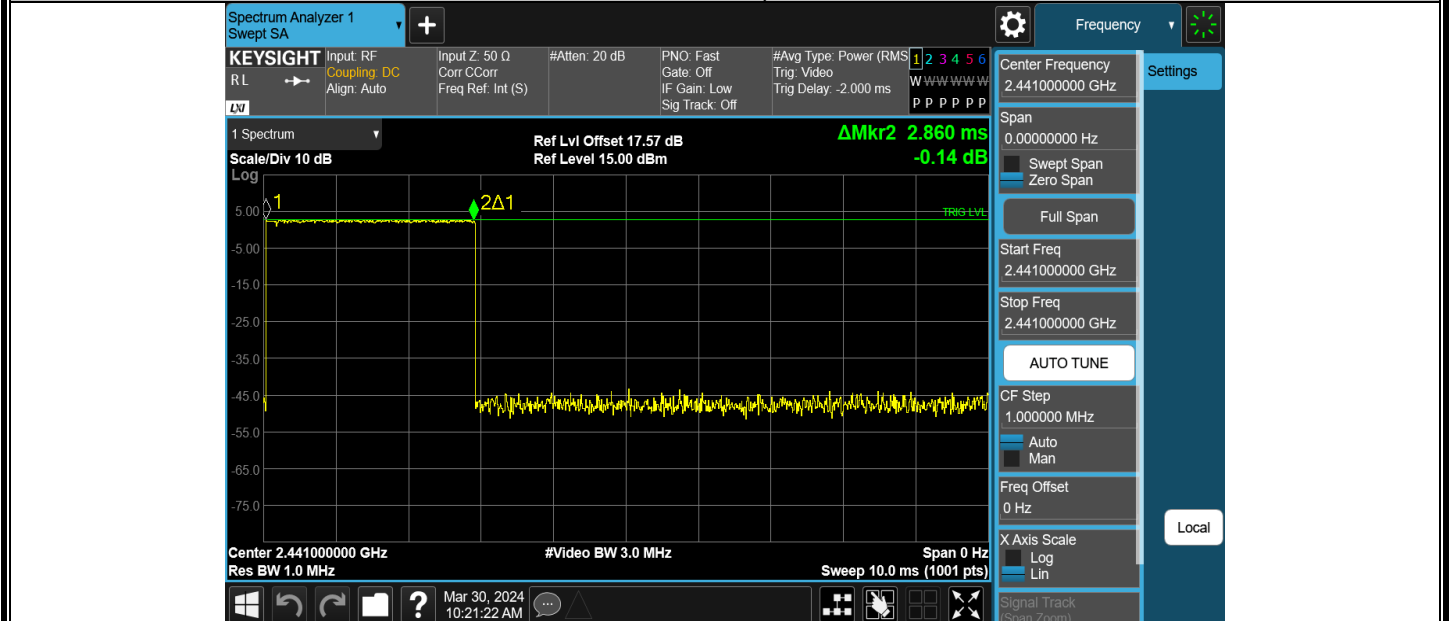


2DH3-Ant1-Hop-PASS





2DH5-Ant1-Hop-PASS



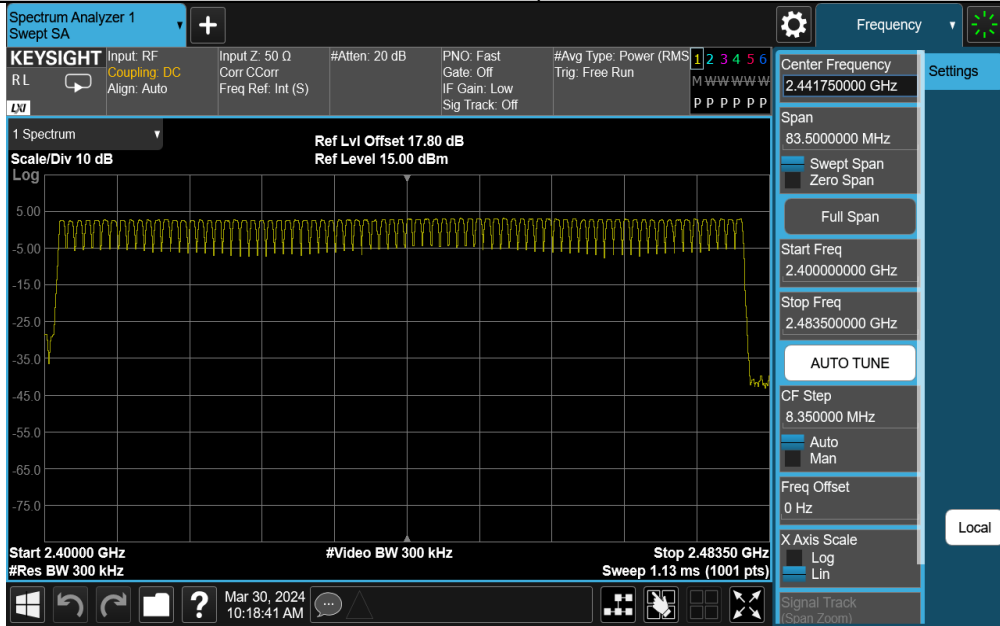
Appendix E: Number of hopping channels

Test Result

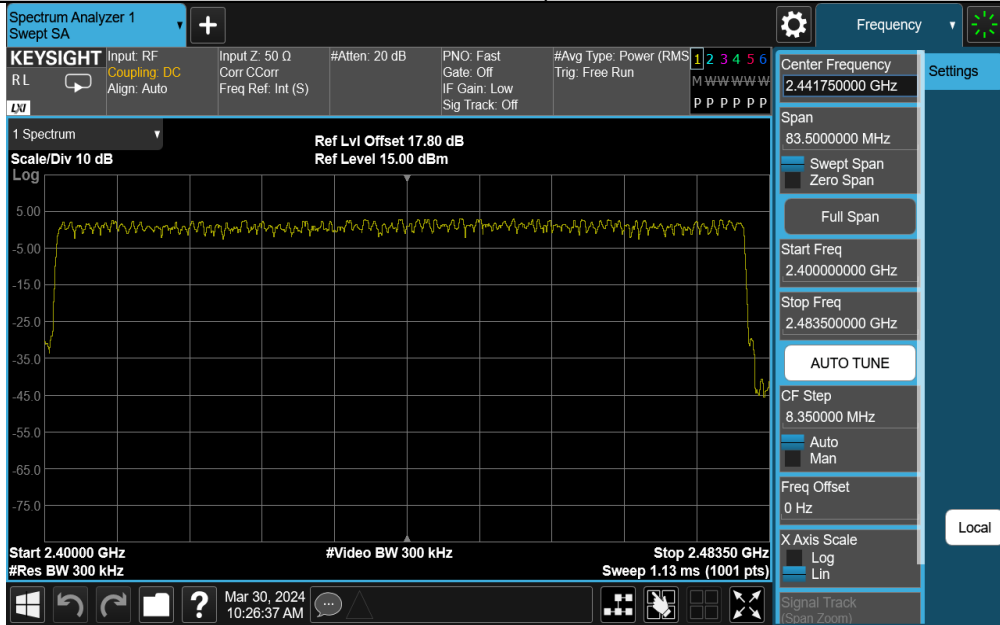
Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS

Test Graphs

DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



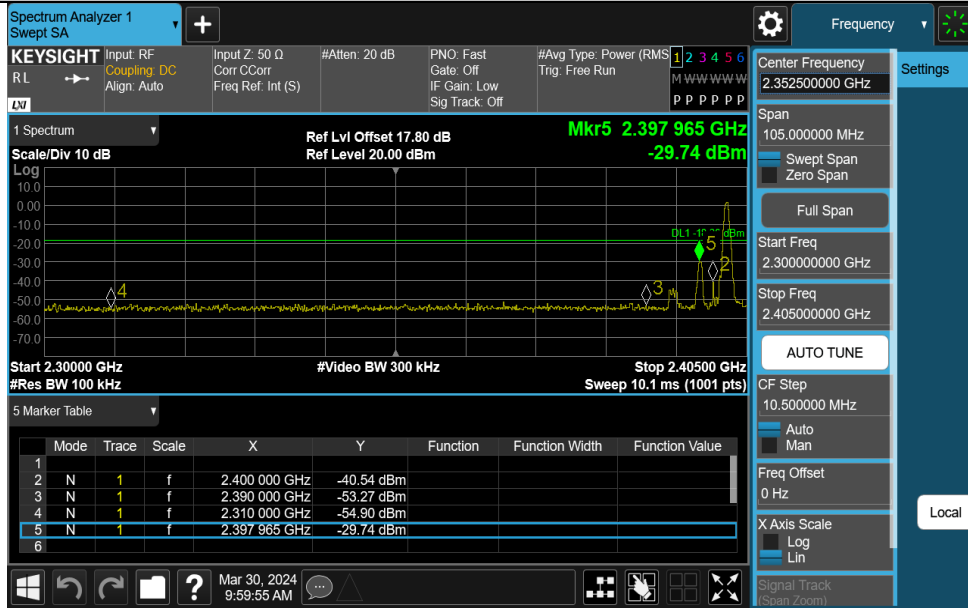
Appendix F: Band edge measurements

Test Result

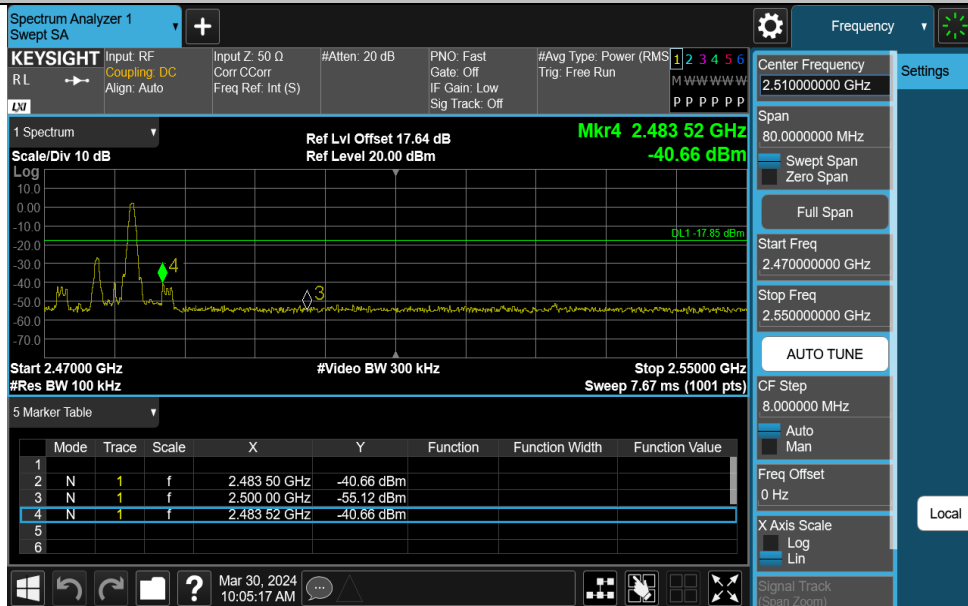
Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.64	-29.74	≤ -18.36	PASS
DH5	Ant1	High	2480	2.15	-40.66	≤ -17.85	PASS
DH5	Ant1	Low	Hop_2402	1.42	-30.01	≤ -18.58	PASS
DH5	Ant1	High	Hop_2480	2.01	-42.90	≤ -17.99	PASS
2DH5	Ant1	Low	2402	2.01	-31.03	≤ -17.99	PASS
2DH5	Ant1	High	2480	2.51	-41.99	≤ -17.49	PASS
2DH5	Ant1	Low	Hop_2402	0.42	-30.46	≤ -19.58	PASS
2DH5	Ant1	High	Hop_2480	-1.03	-47.26	≤ -21.03	PASS

Test Graphs

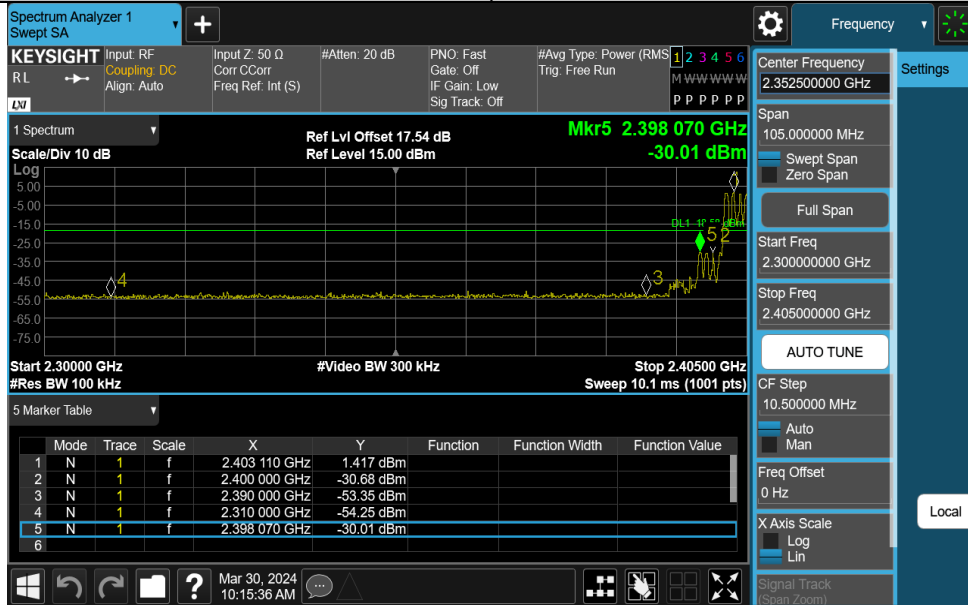
DH5-Ant1-2402-PASS



DH5-Ant1-2480-PASS



DH5-Ant1-Hop_2402-PASS



DH5-Ant1-Hop_2480-PASS

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corr: CCorr Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Trig: Free Run

Center Frequency: 2.510000000 GHz

Span: 80.0000000 MHz

Start Freq: 2.470000000 GHz

Stop Freq: 2.550000000 GHz

AUTO TUNE

CF Step: 8.0000000 MHz

Freq Offset: 0 Hz

X Axis Scale: Log

Signal Track (Span Zoom)

1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 17.50 dB
Ref Level 15.00 dBm

Mkr4 2.483 92 GHz
-42.90 dBm

DL1 -17.99 dBm

Start 2.47000 GHz #Video BW 300 kHz Stop 2.55000 GHz
#Res BW 100 kHz Sweep 7.67 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.475 12 GHz	2,010 dBm		
2	N	1	f	2.483 50 GHz	-45.00 dBm		
3	N	1	f	2.500 00 GHz	-53.02 dBm		
4	N	1	f	2.483 92 GHz	-42.90 dBm		
5							
6							

Mar 30, 2024 10:14:08 AM

2DH5-Ant1-2402-PASS

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corr: CCorr Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Trig: Free Run

Center Frequency: 2.352500000 GHz

Span: 105.0000000 MHz

Start Freq: 2.300000000 GHz

Stop Freq: 2.405000000 GHz

AUTO TUNE

CF Step: 10.5000000 MHz

Freq Offset: 0 Hz

X Axis Scale: Log

Signal Track (Span Zoom)

1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 17.80 dB
Ref Level 20.00 dBm

Mkr5 2.397 860 GHz
-31.03 dBm

DL1 -17.99 dBm

Start 2.30000 GHz #Video BW 300 kHz Stop 2.40500 GHz
#Res BW 100 kHz Sweep 10.1 ms (1001 pts)

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1							
2	N	1	f	2.400 000 GHz	-42.00 dBm		
3	N	1	f	2.380 000 GHz	-55.63 dBm		
4	N	1	f	2.310 000 GHz	-54.11 dBm		
5	N	1	f	2.397 860 GHz	-31.03 dBm		
6							

Mar 30, 2024 10:06:48 AM

2DH5-Ant1-2480-PASS

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corr: CCorr Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Trig: Free Run

Center Frequency: 2.510000000 GHz

Span: 80.0000000 MHz

Start Freq: 2.470000000 GHz

Stop Freq: 2.550000000 GHz

AUTO TUNE

CF Step: 8.0000000 MHz

Freq Offset: 0 Hz

X Axis Scale: Log

Signal Track (Span Zoom)

1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 17.64 dB
Ref Level 20.00 dBm

Mkr4 2.484 48 GHz
-41.99 dBm

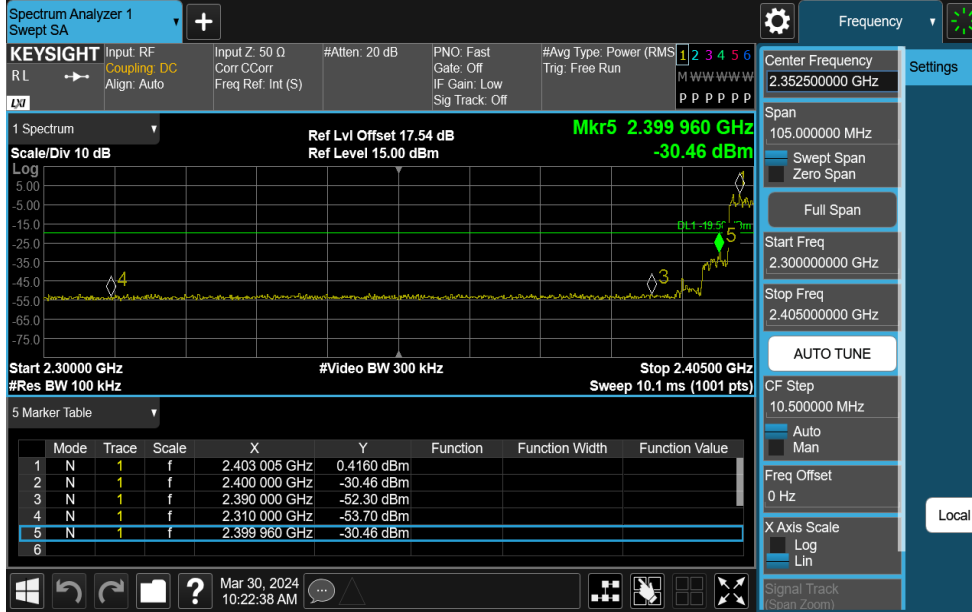
DL1 -17.49 dBm

Start 2.47000 GHz #Video BW 300 kHz Stop 2.55000 GHz
#Res BW 100 kHz Sweep 7.67 ms (1001 pts)

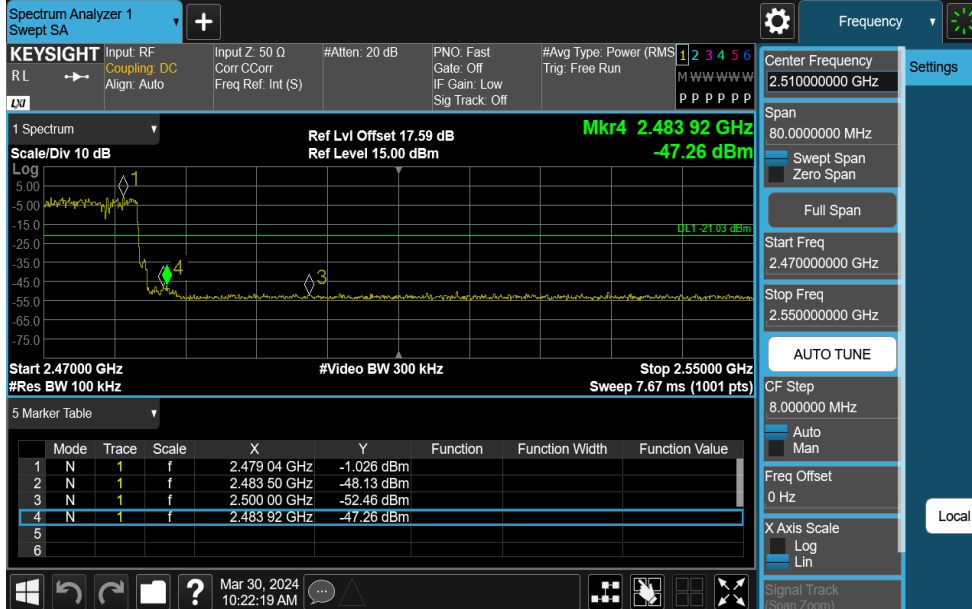
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1							
2	N	1	f	2.483 50 GHz	-46.33 dBm		
3	N	1	f	2.500 00 GHz	-54.83 dBm		
4	N	1	f	2.484 48 GHz	-41.99 dBm		
5							
6							

Mar 30, 2024 10:09:24 AM

2DH5-Ant1-Hop_2402-PASS



2DH5-Ant1-Hop_2480-PASS

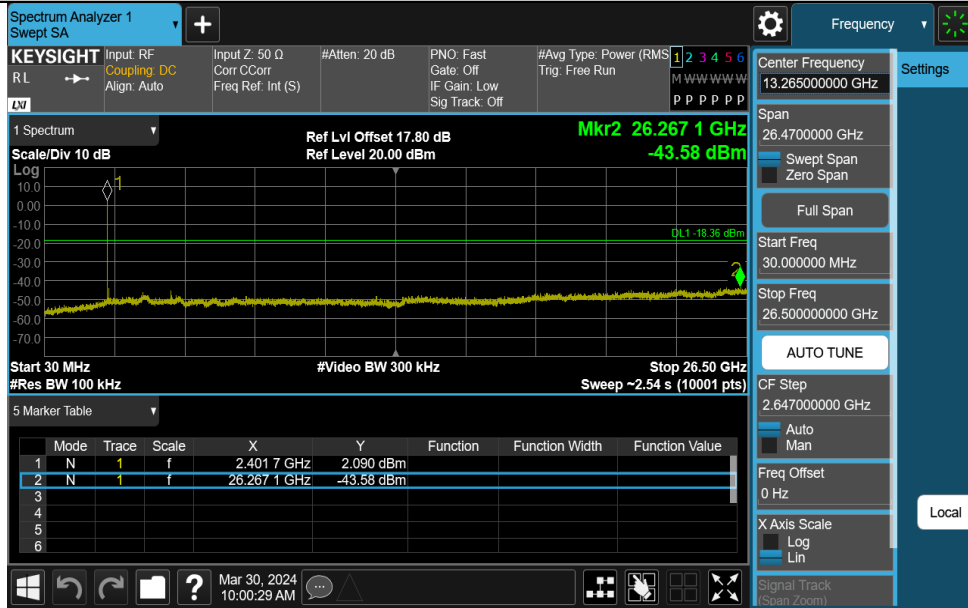


Appendix G: Conducted Spurious Emission Test Result

Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	1.64	-43.58	≤-18.36	PASS
DH5	Ant1	2441	30~26500	2.50	-43.97	≤-17.5	PASS
DH5	Ant1	2480	30~26500	2.15	-43.23	≤-17.85	PASS
2DH5	Ant1	2402	30~26500	2.01	-43.25	≤-17.99	PASS
2DH5	Ant1	2441	30~26500	-0.63	-43.19	≤-20.63	PASS
2DH5	Ant1	2480	30~26500	2.51	-43.74	≤-17.49	PASS

Test Graphs

DH5-Ant1-2402-30~26500-PASS

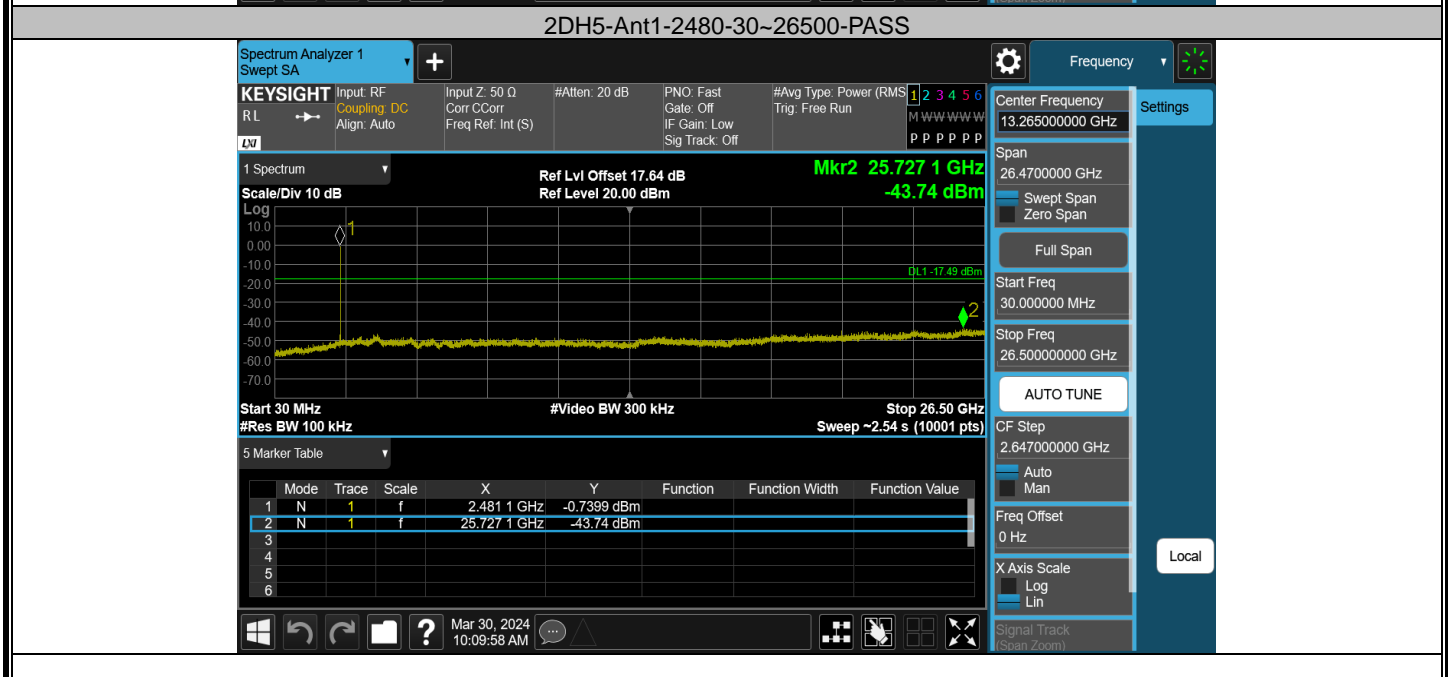
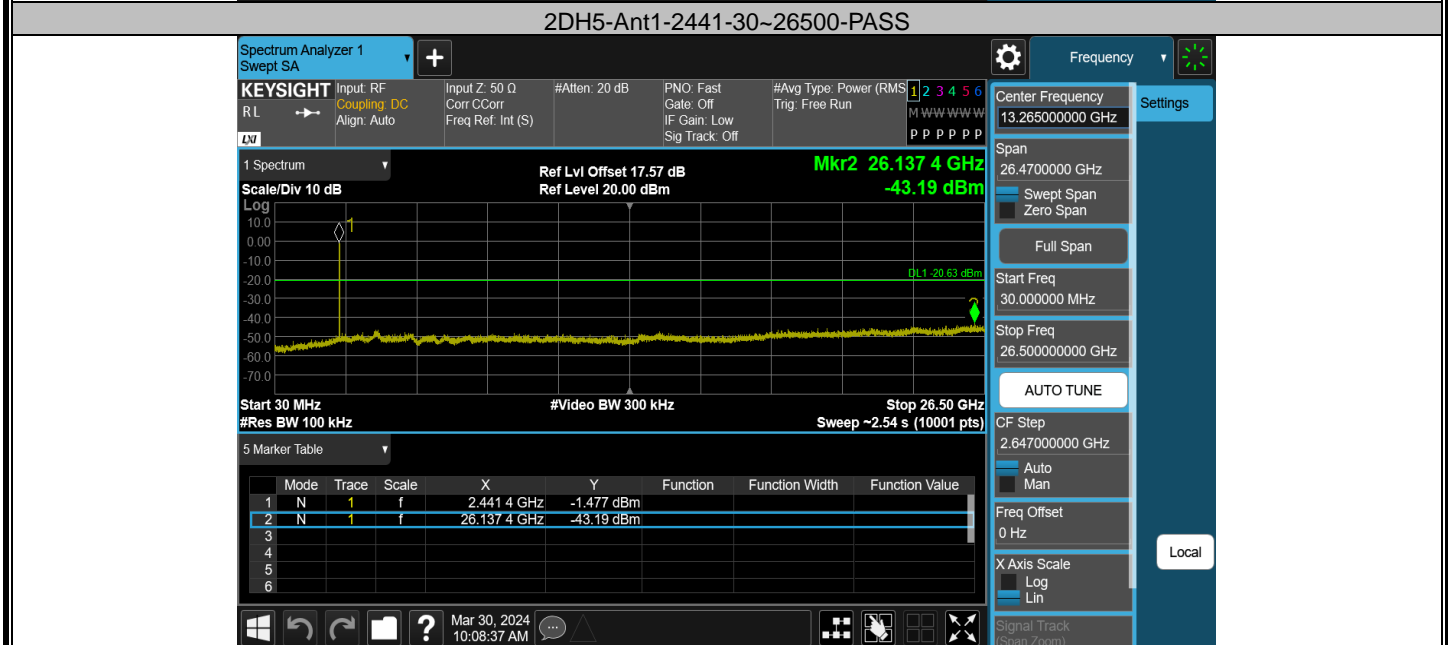
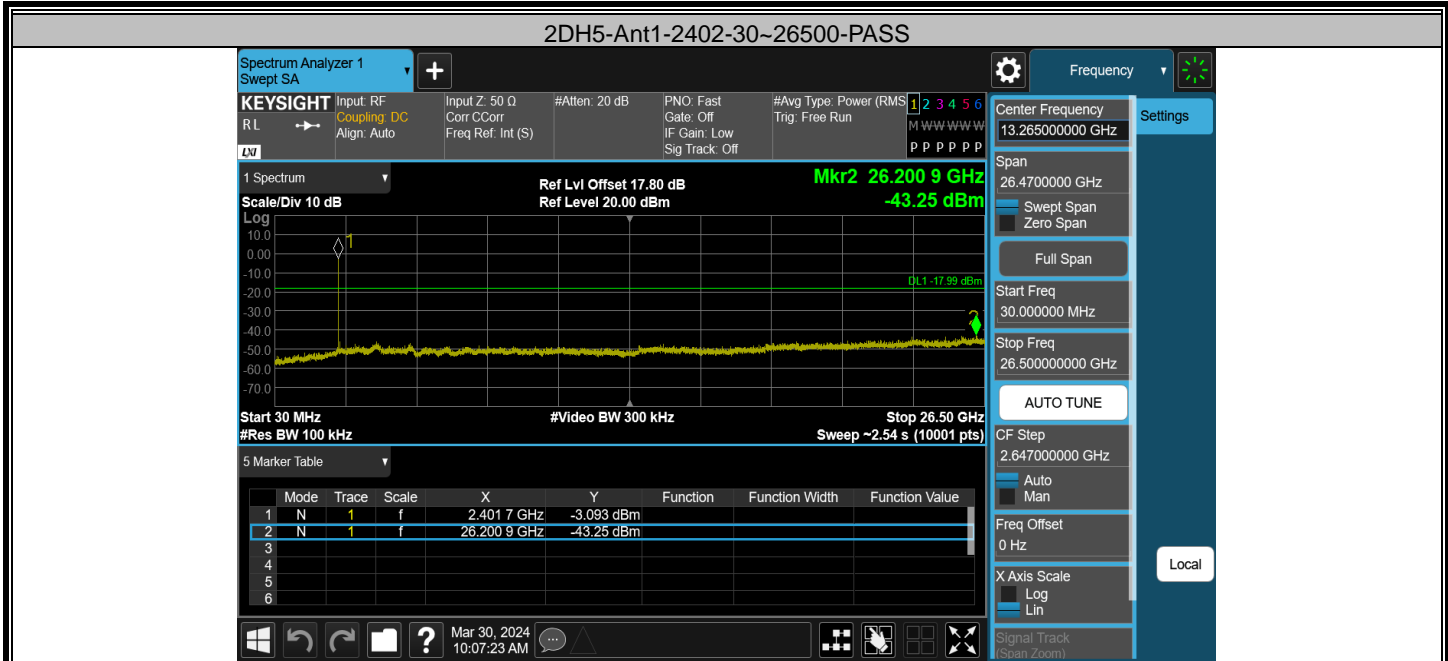


DH5-Ant1-2441-30~26500-PASS



DH5-Ant1-2480-30~26500-PASS



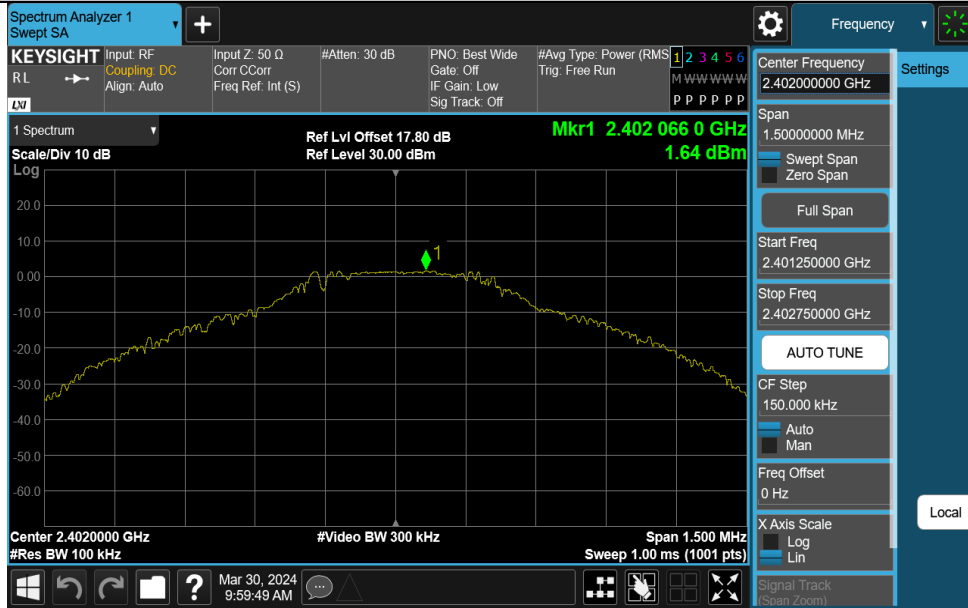


Appendix H: Reference level measurement Test Result

Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
DH5	Ant1	2402	2402.07	1.64
DH5	Ant1	2441	2440.86	2.50
DH5	Ant1	2480	2479.87	2.15
2DH5	Ant1	2402	2401.87	2.01
2DH5	Ant1	2441	2441.06	-0.63
2DH5	Ant1	2480	2480.18	2.51

Test Graphs

DH5-Ant1-2402-PASS



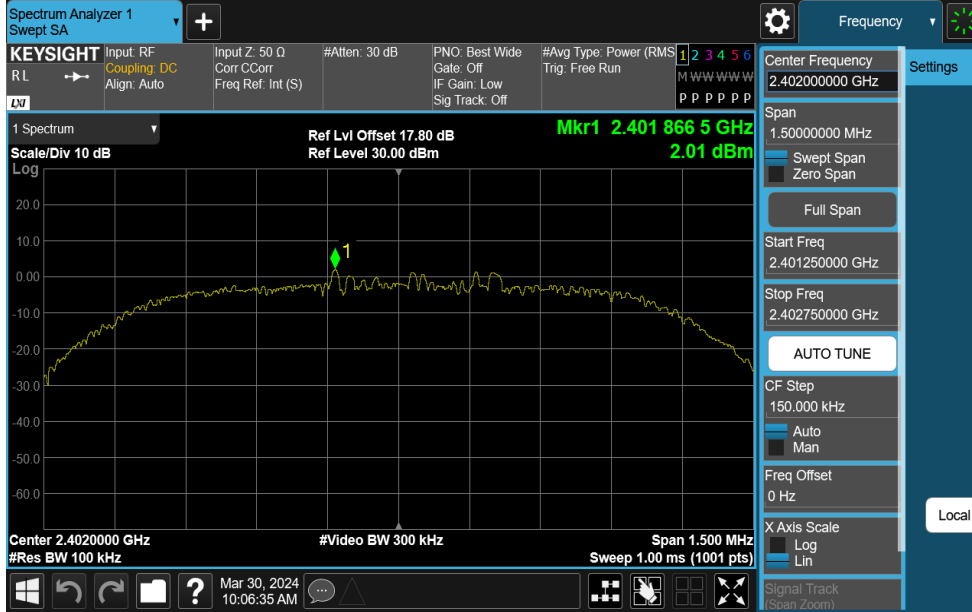
DH5-Ant1-2441-PASS



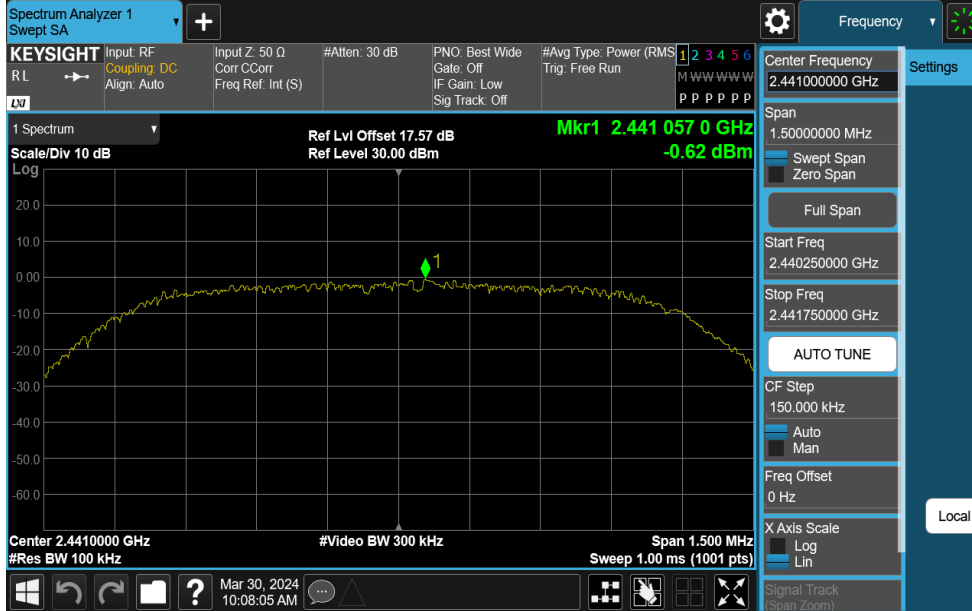
DH5-Ant1-2480-PASS



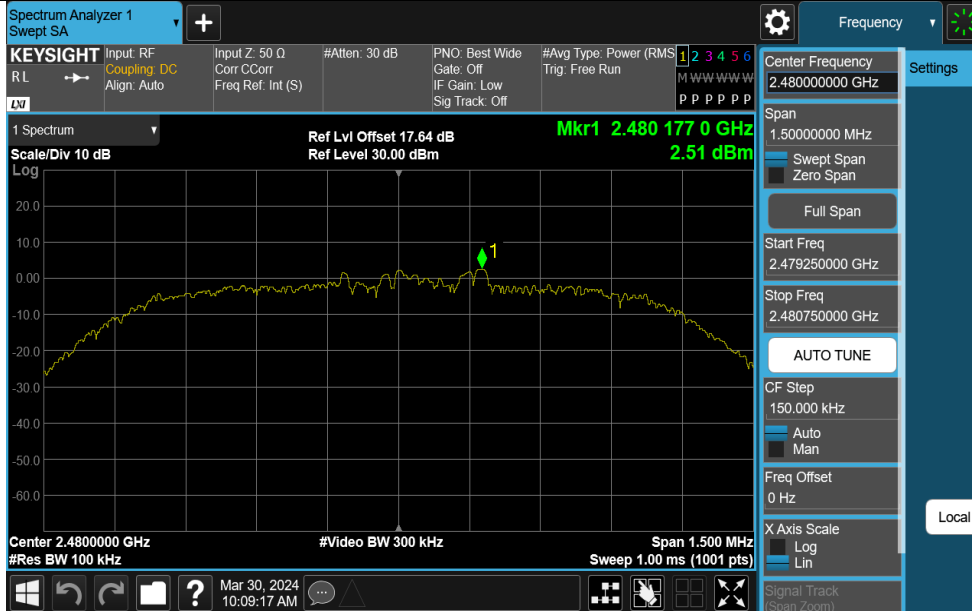
2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS

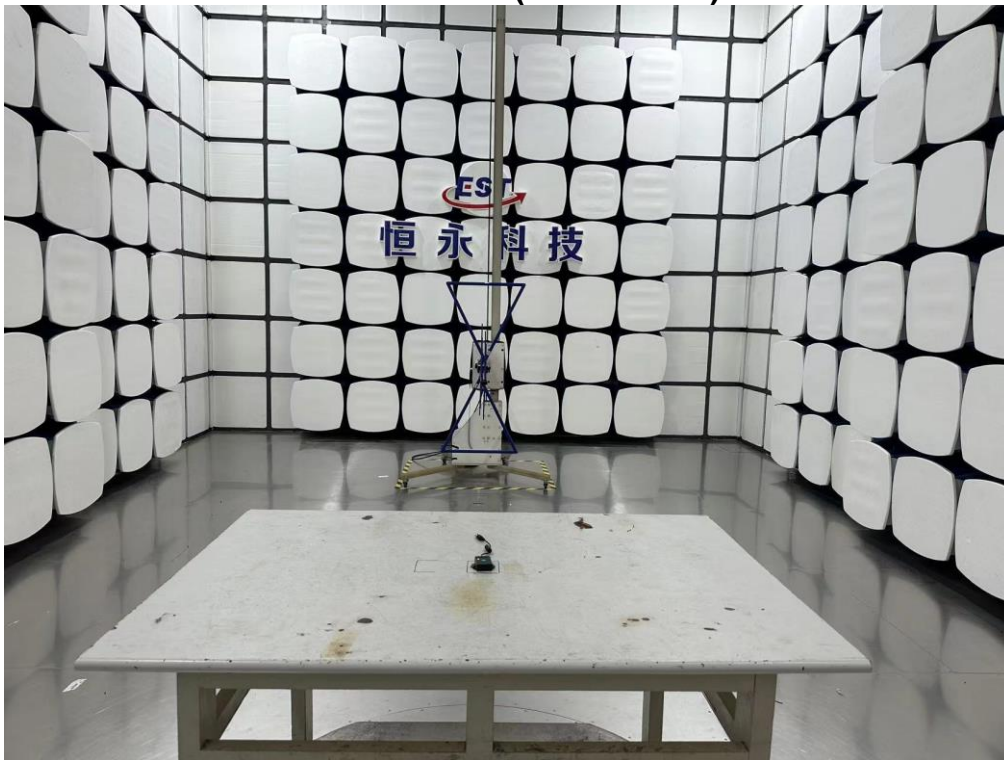


14. TEST SETUP PHOTO

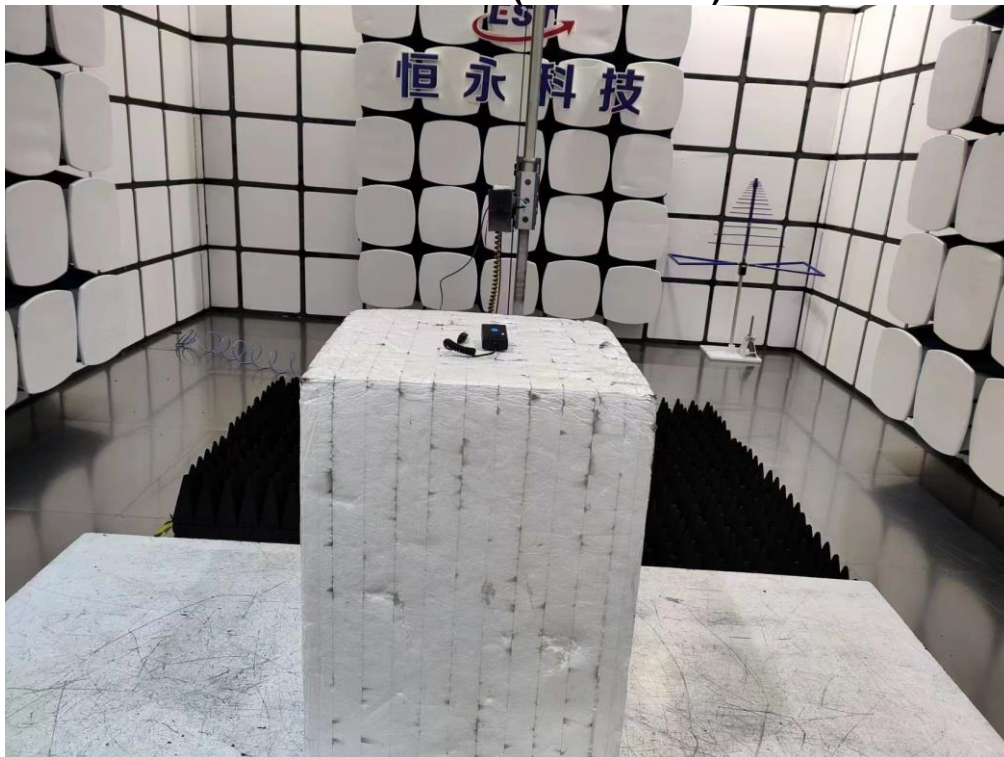
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)

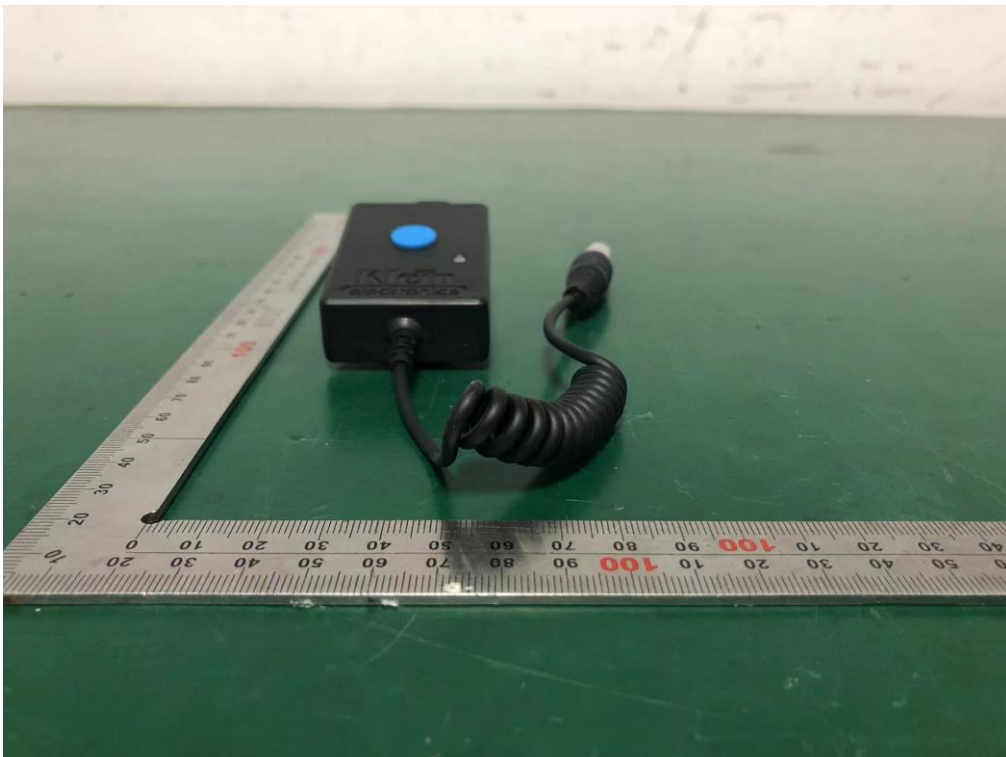


15. EUT PHOTO

External Photos
M/N: Blu-LYNC



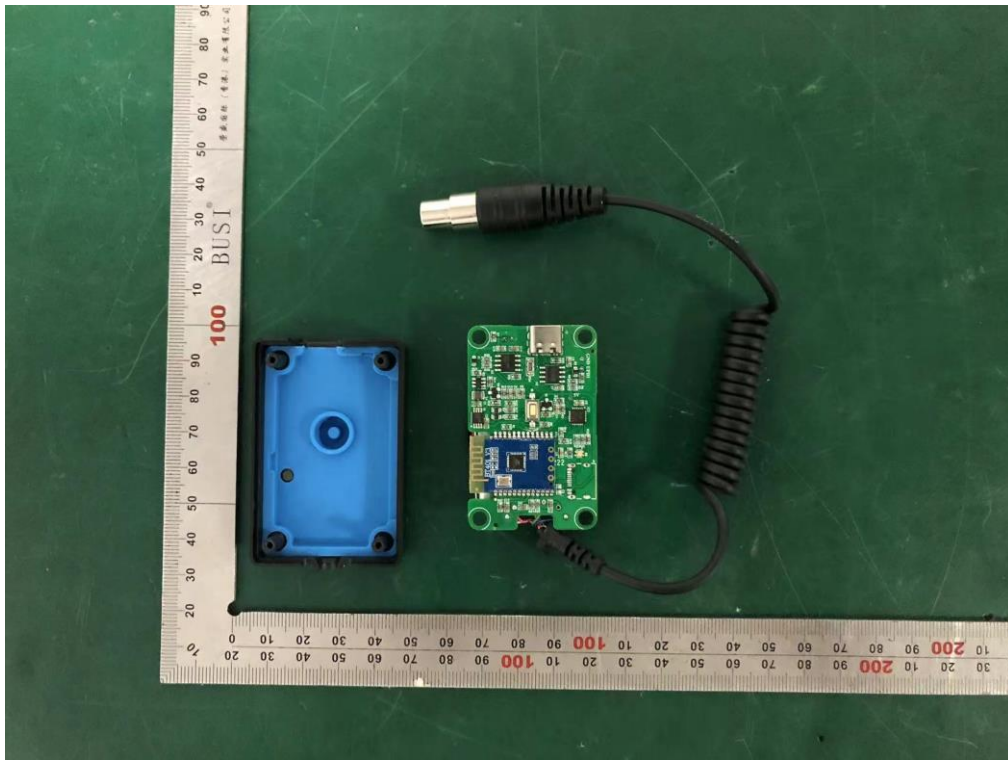
External Photos
M/N: Blu-LYNC



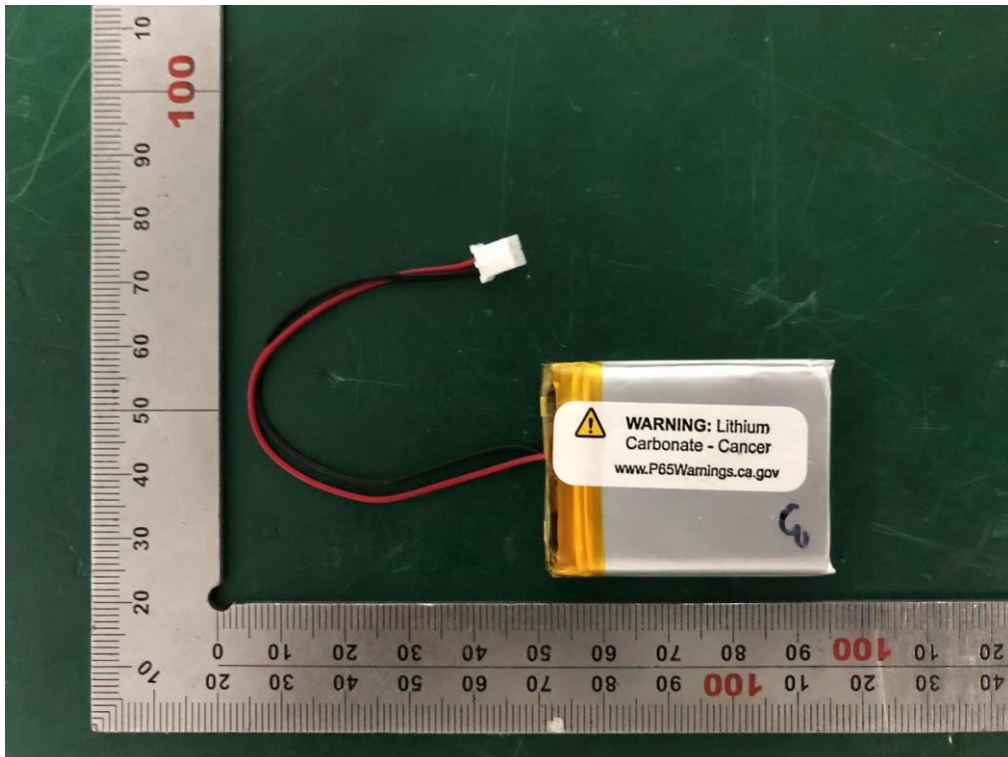
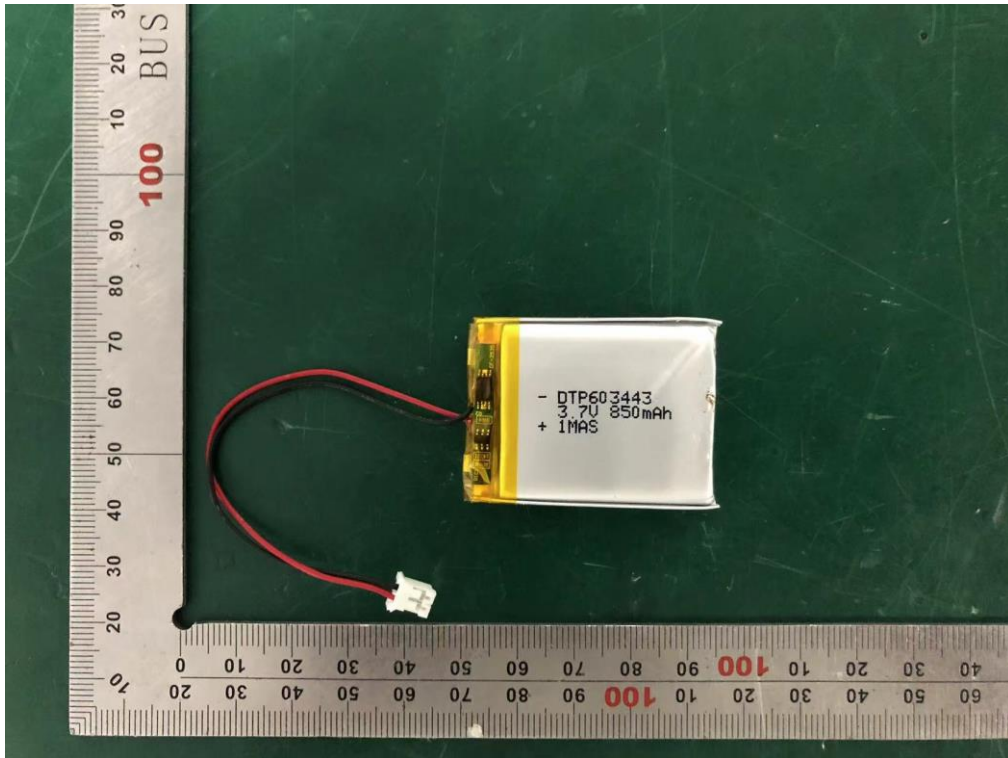
External Photos
M/N: Blu-LYNC



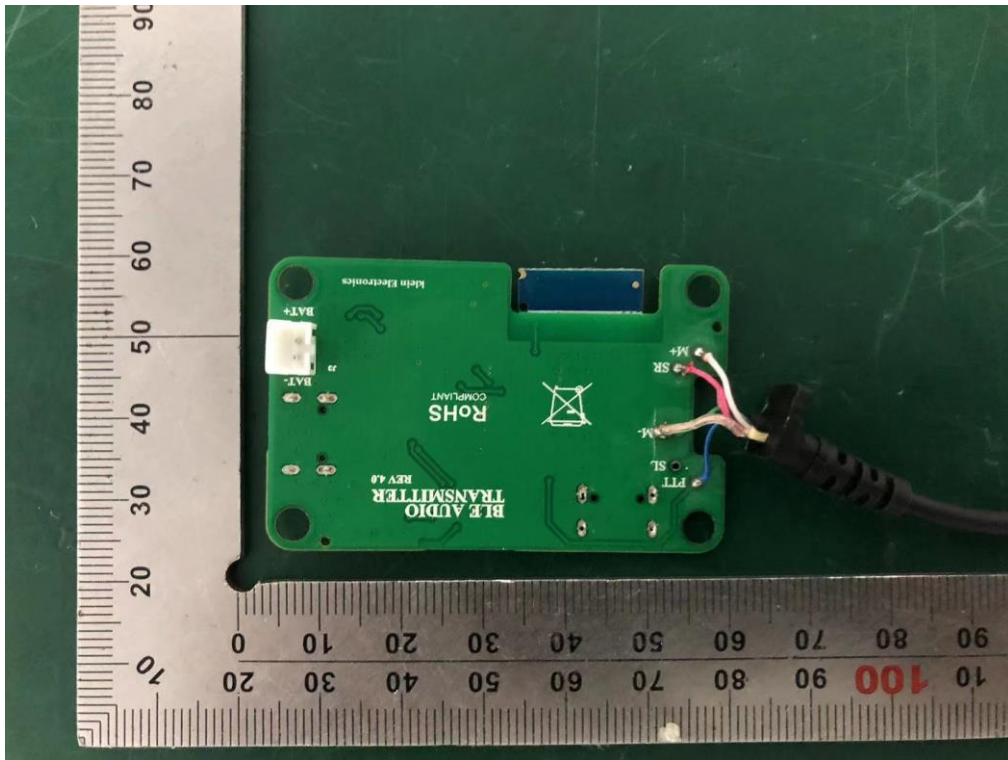
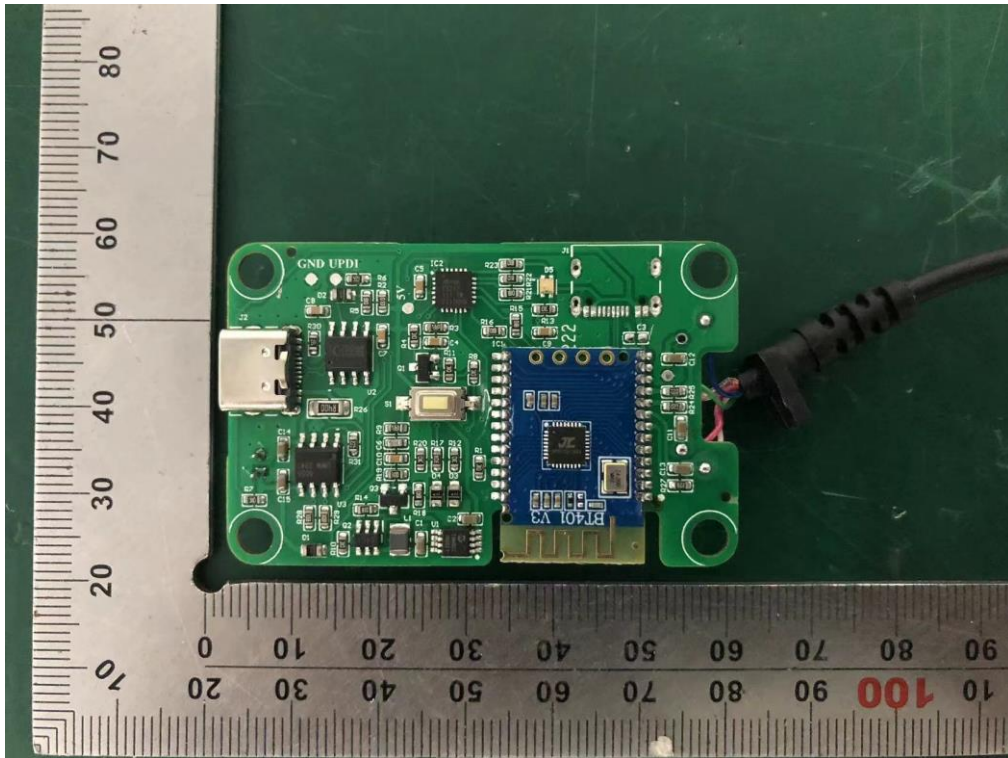
Internal Photos M/N: Blu-LYNC



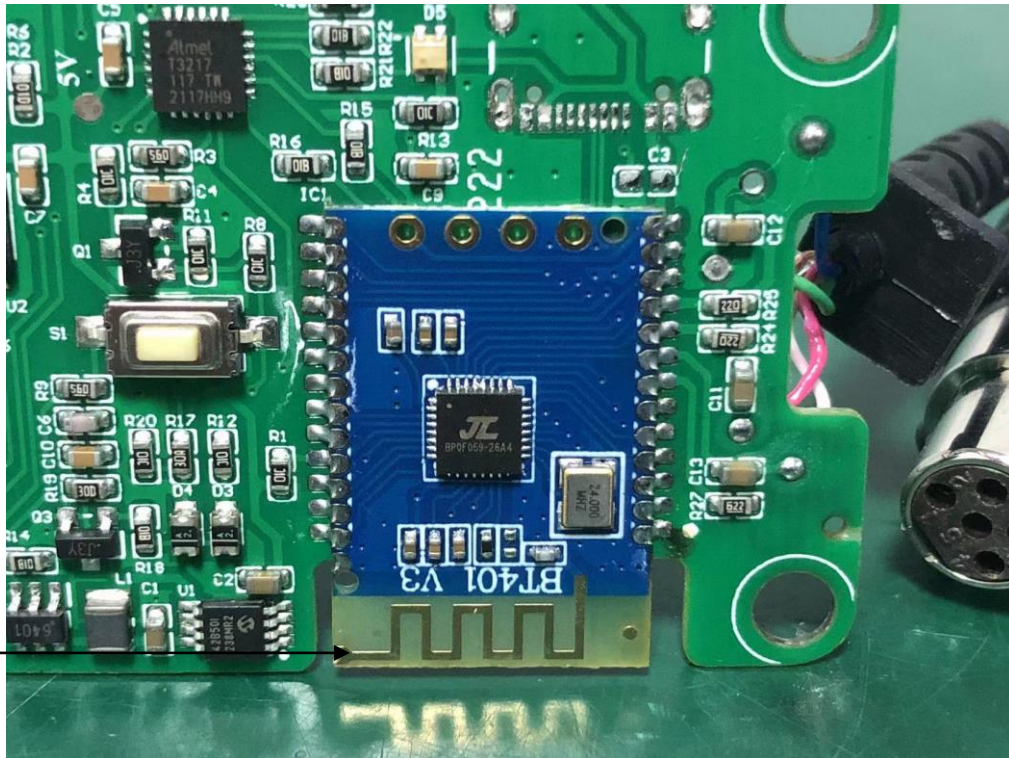
Internal Photos
M/N: Blu-LYNC



Internal Photos
M/N: Blu-LYNC



Internal Photos
M/N: Blu-LYNC



Bluetooth
Antenna

End of Test Report