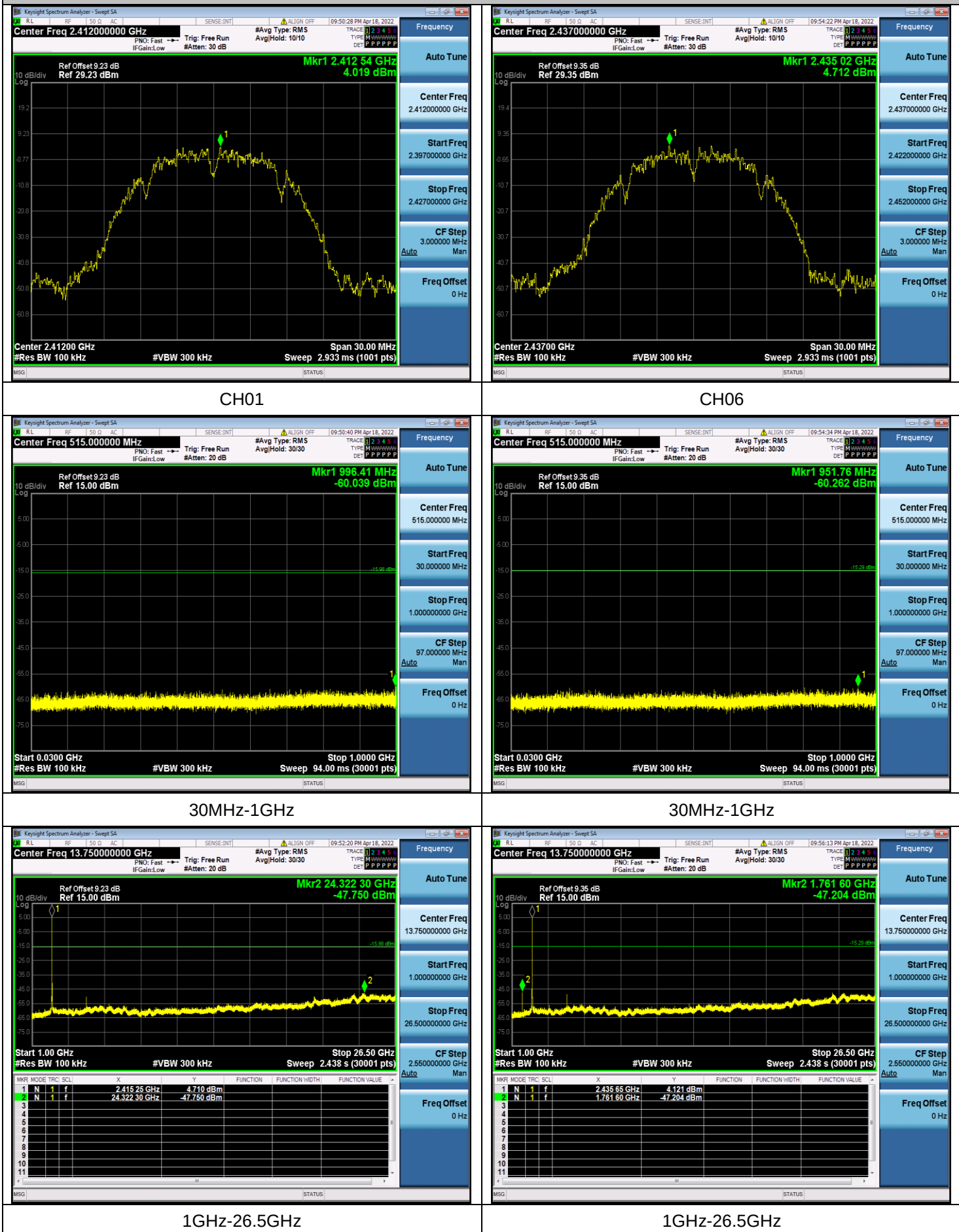
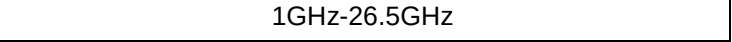
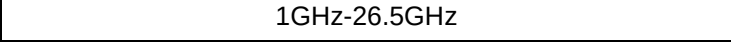
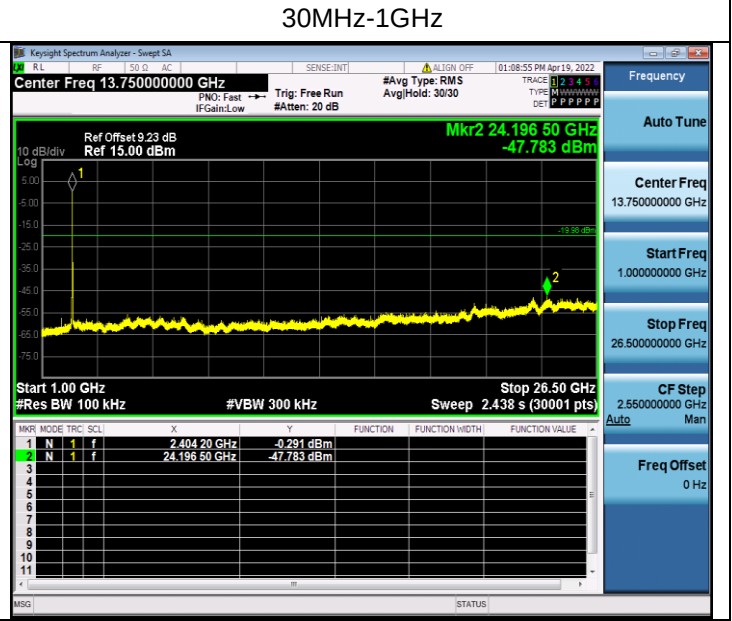
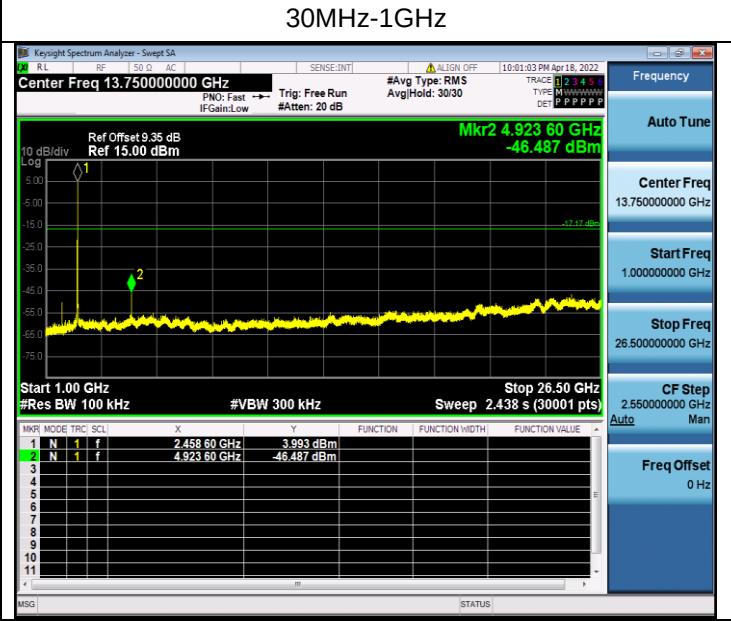
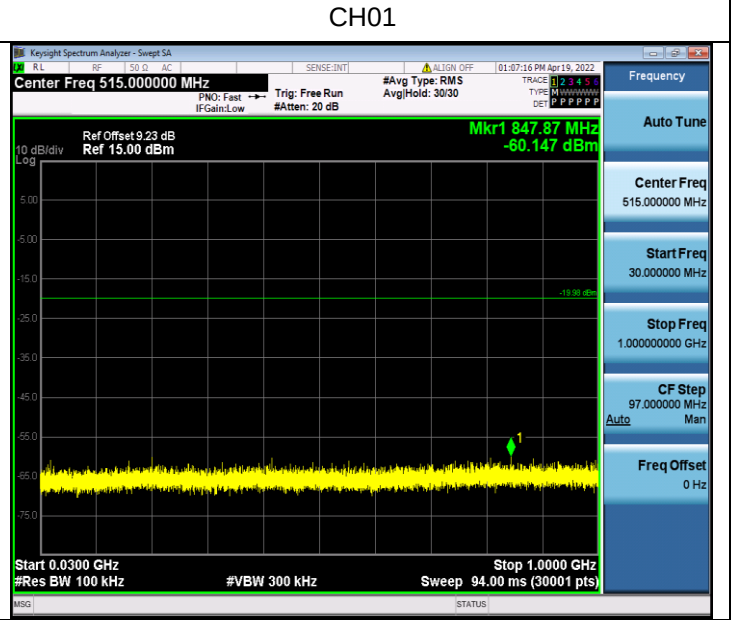
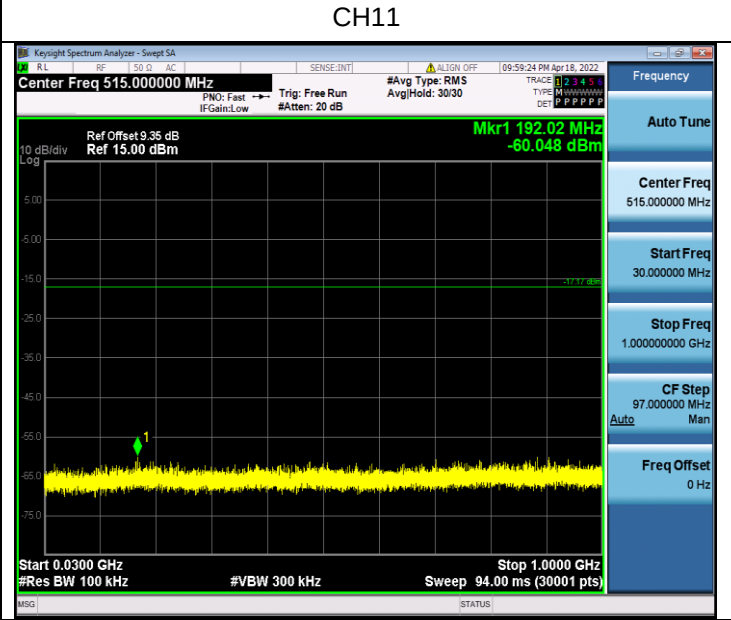
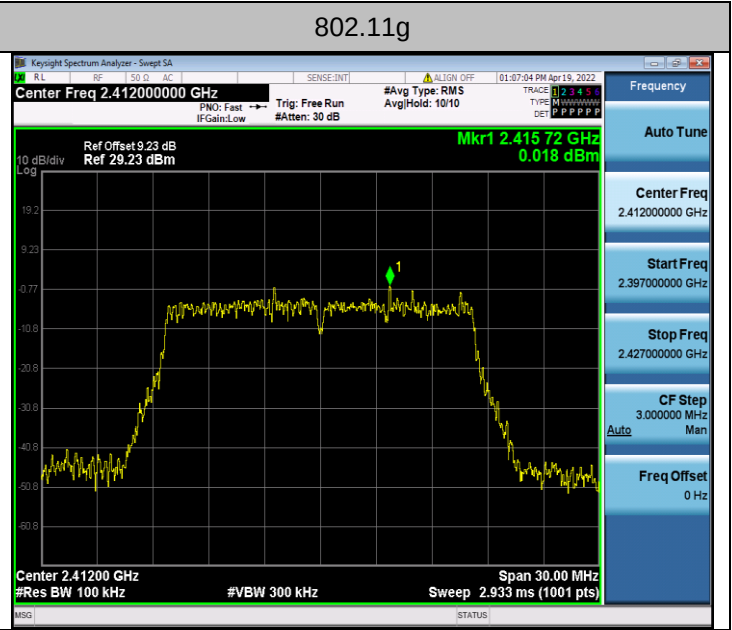
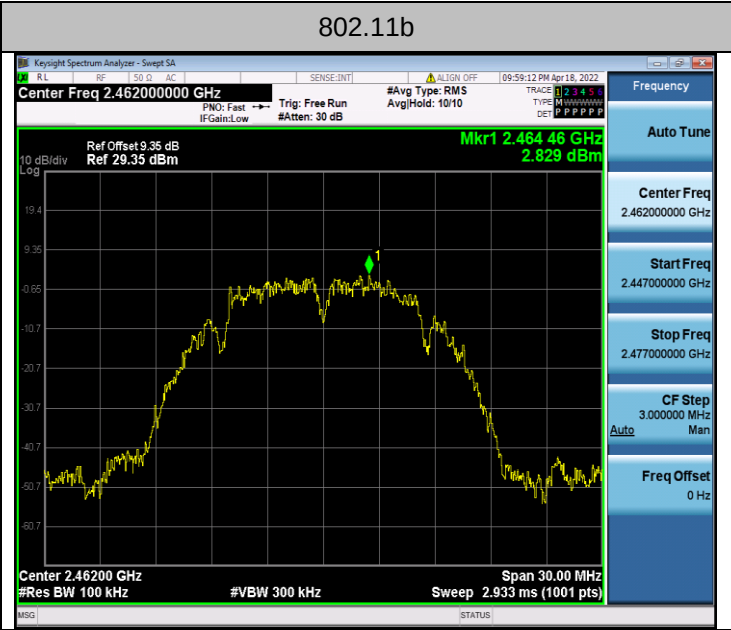
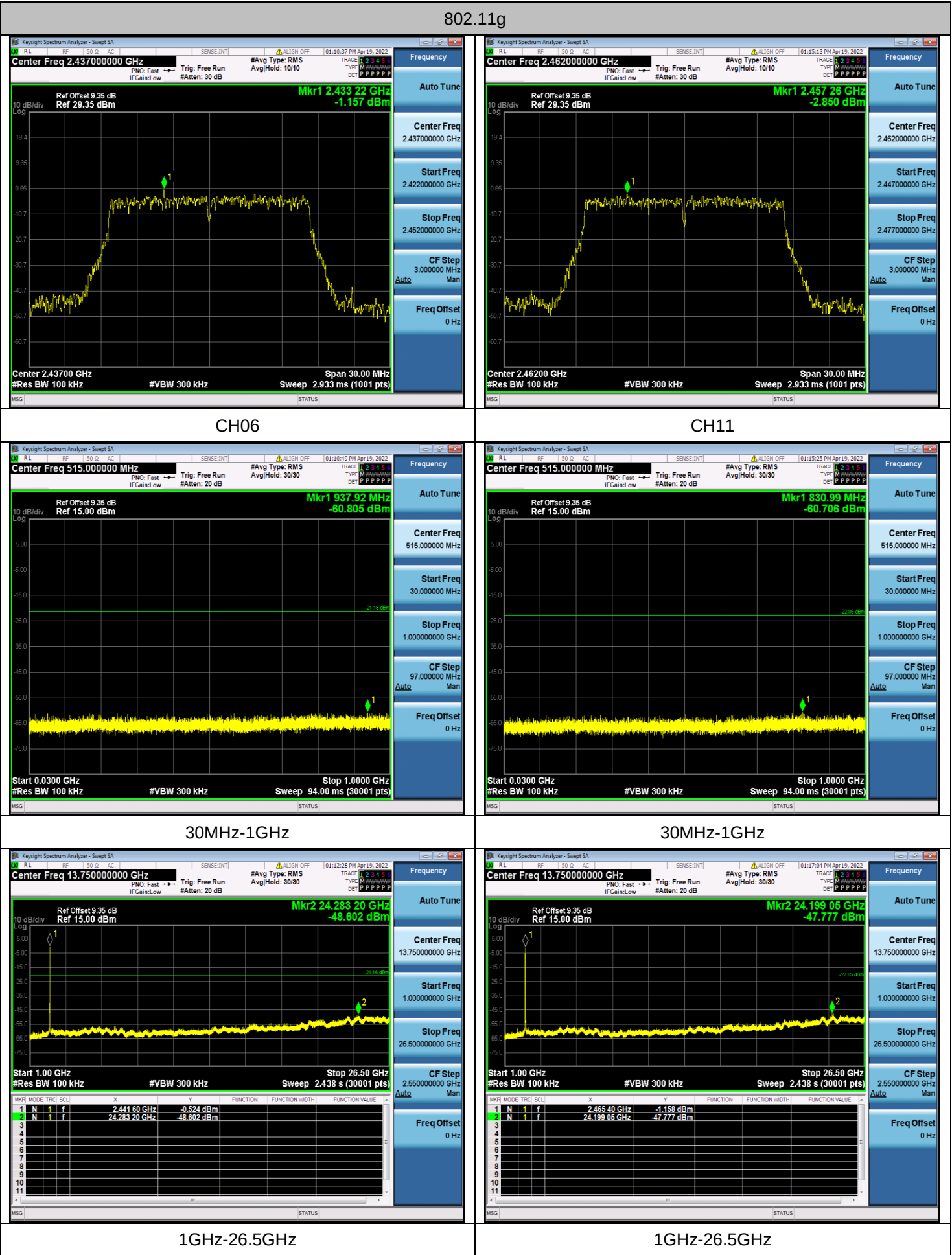


4.6.3 For Conducted Spurious Emissions Measurement

802.11b







KeySight Spectrum Analyzer - Swept SA

Center Freq 515.0000000 MHz

Ref Offset 9.35 dB
Ref 15.00 dBm

Mkr1 830.99 MHz
-60.706 dBm

Auto Tune

Center Freq
515.0000000 MHz

Start Freq
30.0000000 MHz

Stop Freq
1.000000000 GHz

CF Step
97.0000000 MHz
Man

Freq Offset
0 Hz

Start 0.0300 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 94.00 ms (30001 pts)

Frequency

10 dB/div

Log

5.00

-5.00

-15.0

-25.0

-35.0

-45.0

-55.0

-65.0

-75.0

30MHz-1GHz

KeySight Spectrum Analyzer - Swept SA

Center Freq 13.750000000 GHz

Ref Offset 9.35 dB
Ref 15.00 dBm

Mkr2 24.283 20 GHz
-48.602 dBm

Auto Tune

Center Freq
13.750000000 GHz

Start Freq
1.000000000 GHz

Stop Freq
26.500000000 GHz

CF Step
2.550000000 GHz
Man

Freq Offset
0 Hz

Start 1.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.438 s (30001 pts)

MKR MODE TRG SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE

1 N 1 f 2.441 50 GHz -0.524 dBm

2 N 1 f 24.283 20 GHz -48.602 dBm

3

4

5

6

7

8

9

10

11

1GHz-26.5GHz

KeySight Spectrum Analyzer - Swept SA

Center Freq 13.750000000 GHz

Ref Offset 9.35 dB
Ref 15.00 dBm

Mkr2 24.199 05 GHz
-47.777 dBm

Auto Tune

Center Freq
13.750000000 GHz

Start Freq
1.000000000 GHz

Stop Freq
26.500000000 GHz

CF Step
2.550000000 GHz
Man

Freq Offset
0 Hz

Start 1.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.438 s (30001 pts)

MKR MODE TRG SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE

1 N 1 f 2.465 40 GHz -1.158 dBm

2 N 1 f 24.199 05 GHz -47.777 dBm

3

4

5

6

7

8

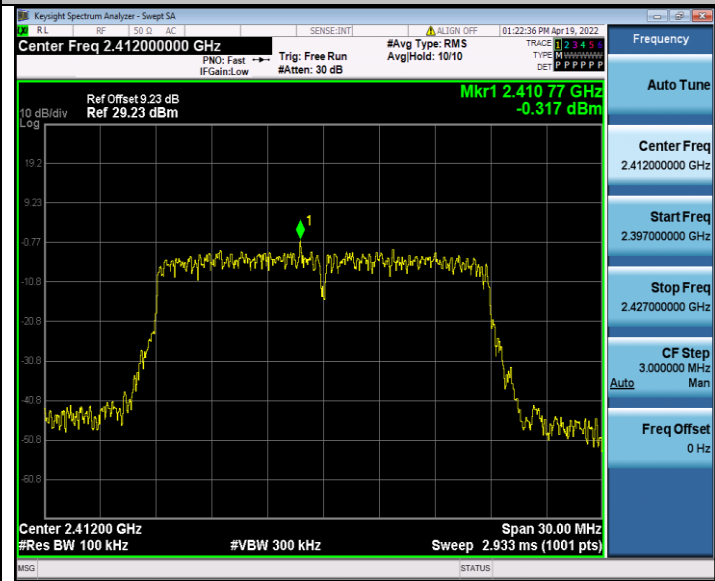
9

10

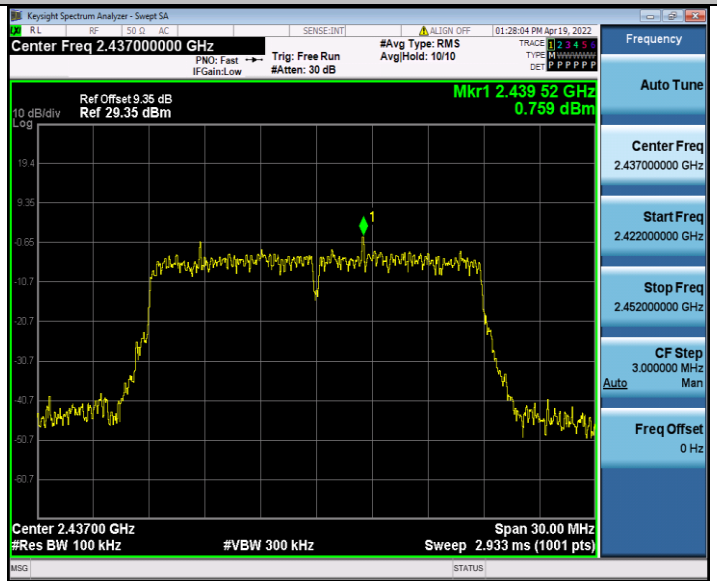
11

1GHz-26.5GHz

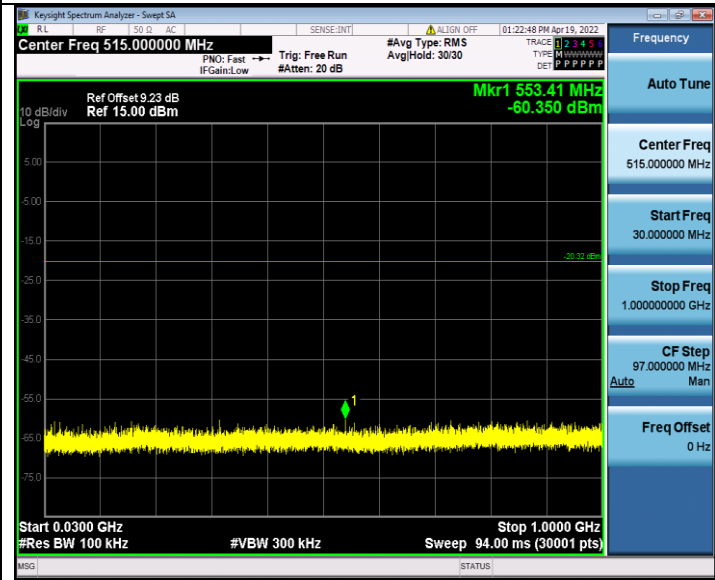
802.11n HT20



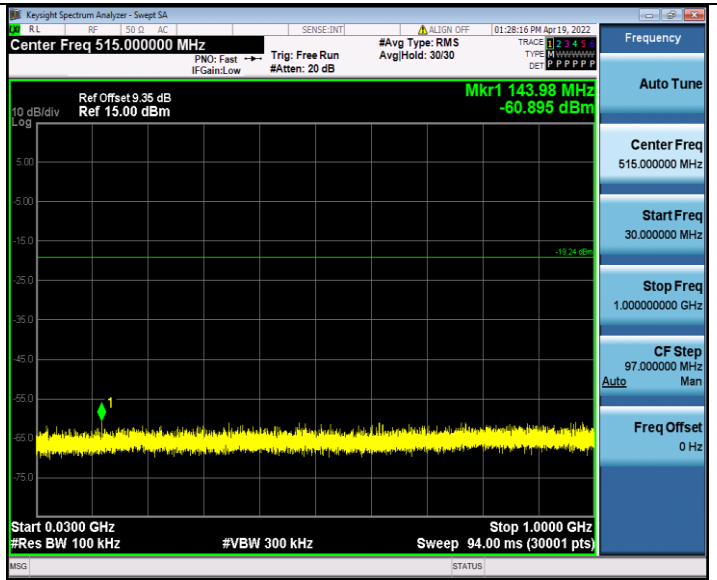
CH01



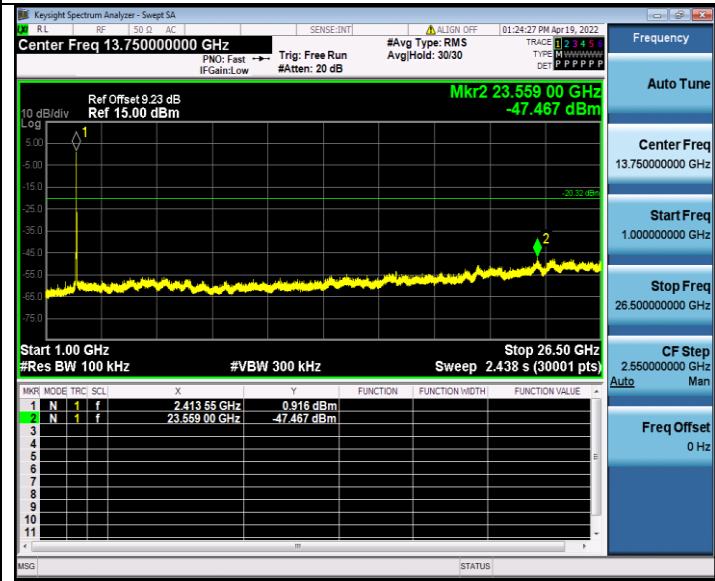
CH06



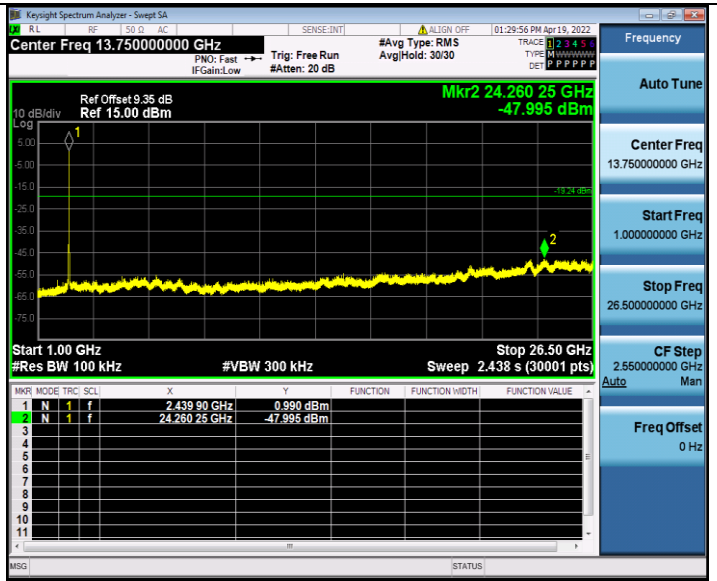
30MHz-1GHz



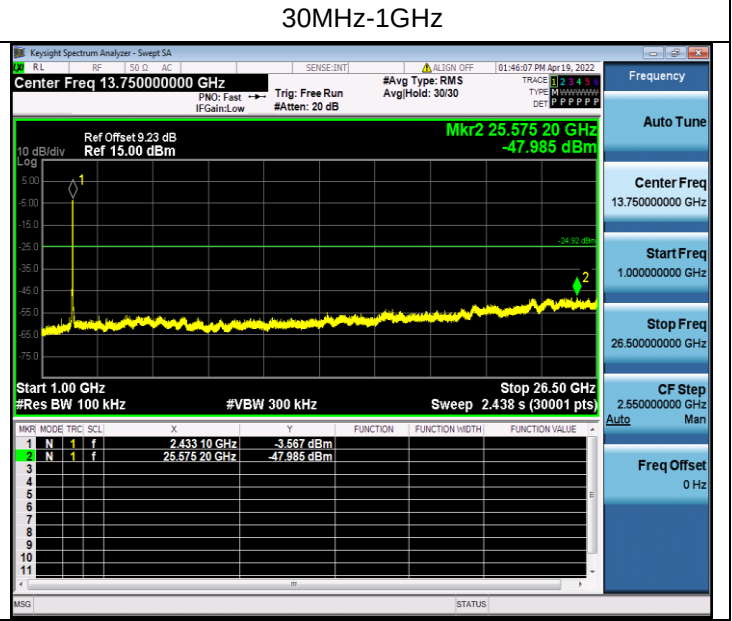
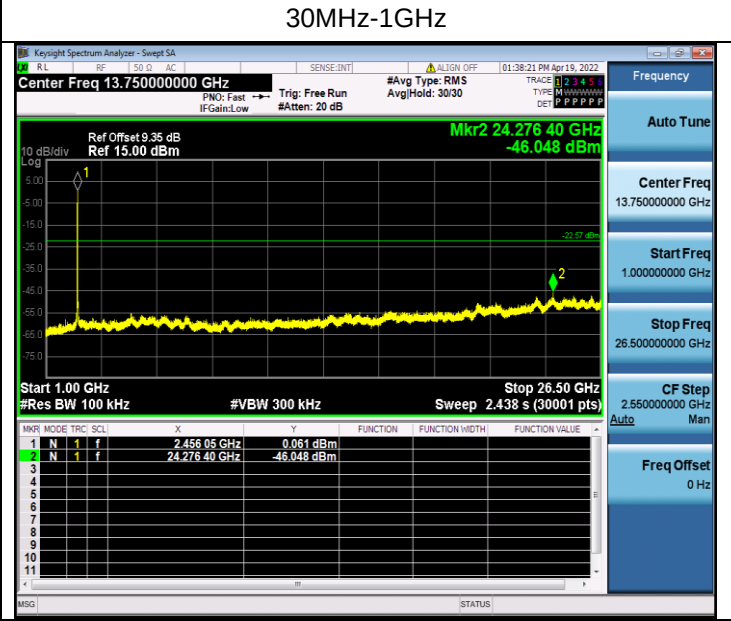
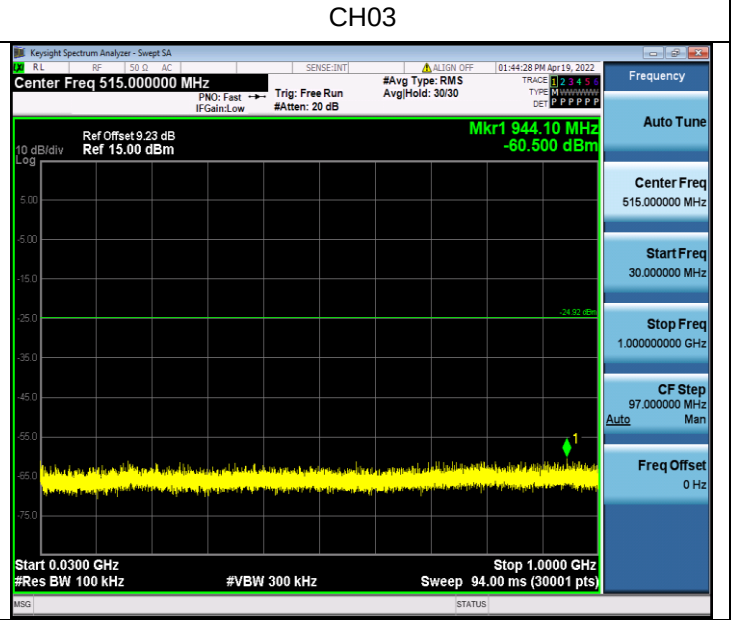
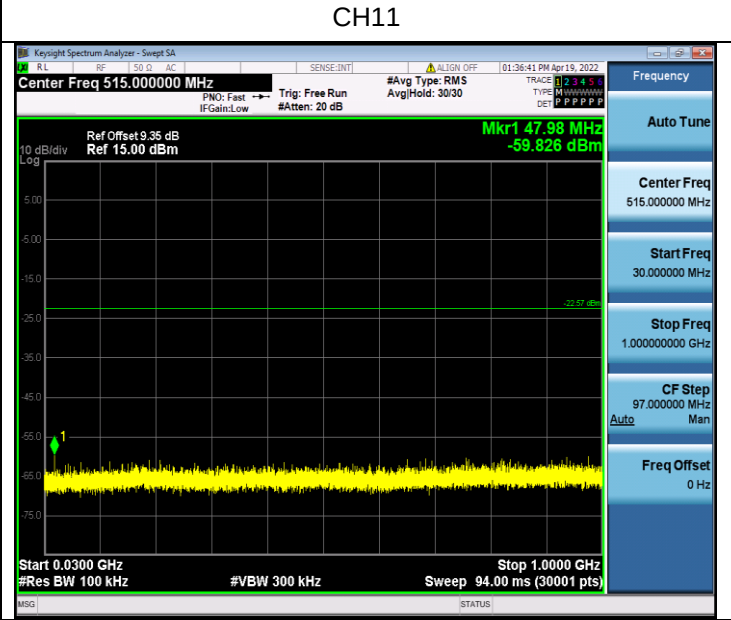
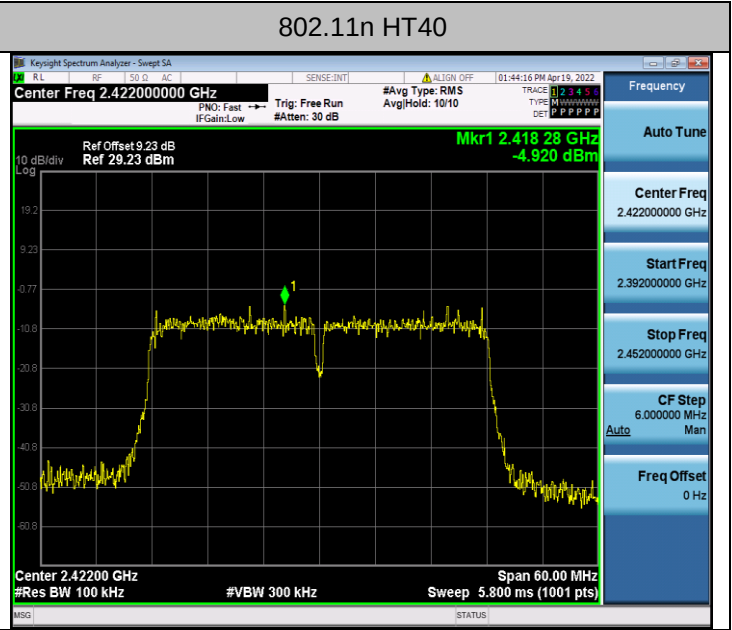
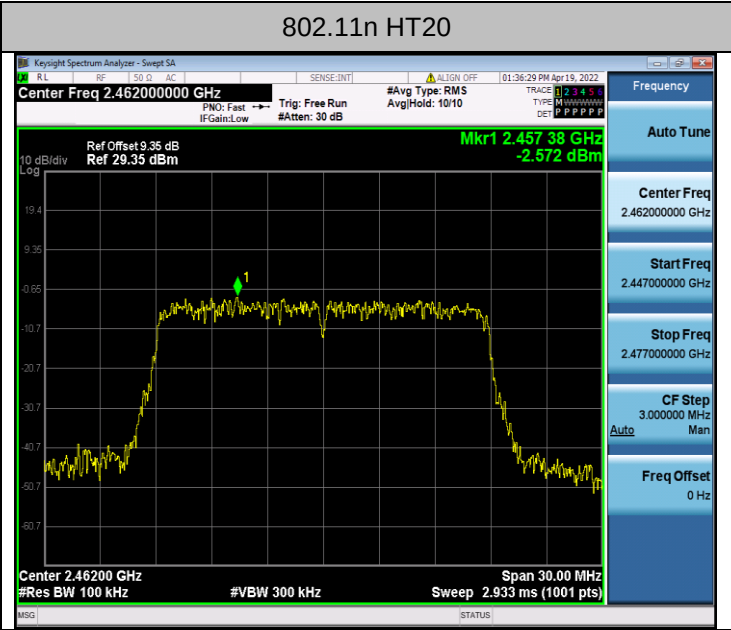
30MHz-1GHz



1GHz-26.5GHz



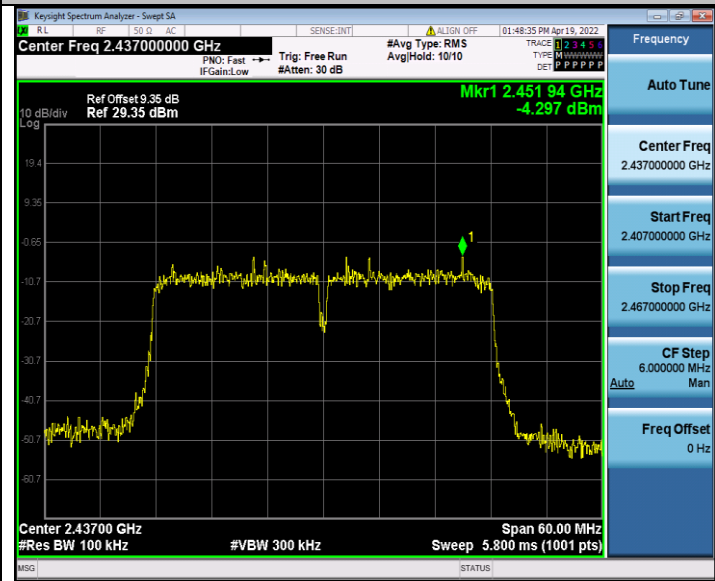
1GHz-26.5GHz



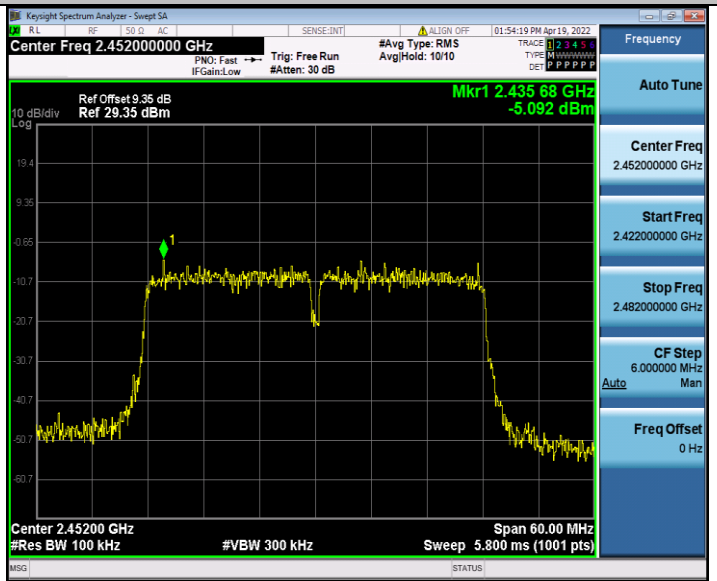
1GHz-26.5GHz

1GHz-26.5GHz

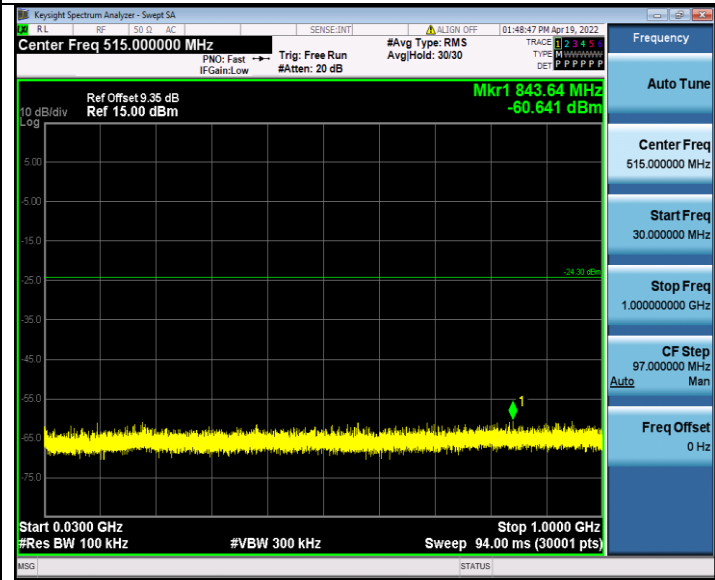
802.11n HT40



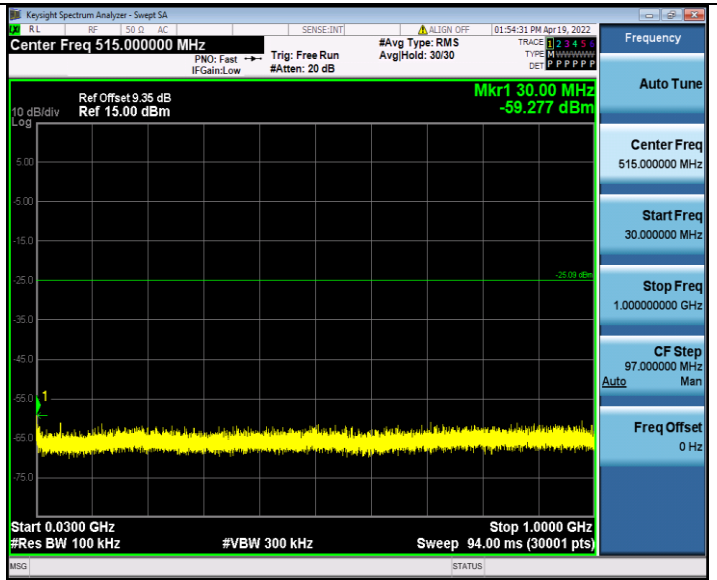
CH06



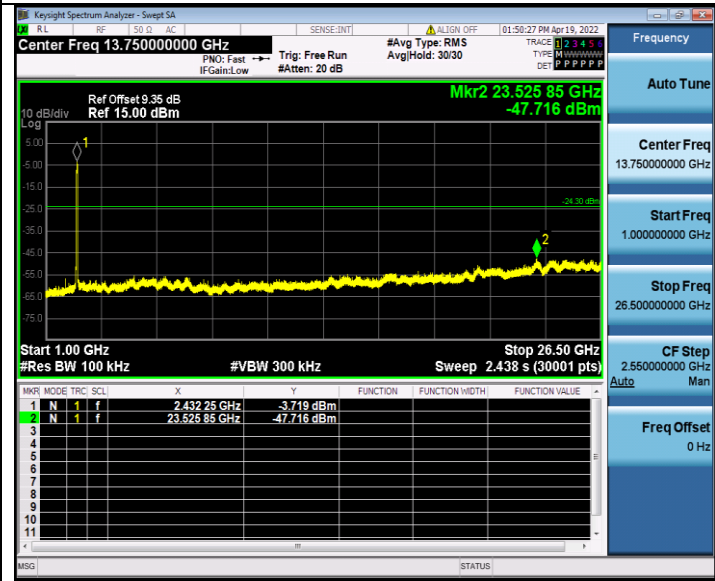
CH09



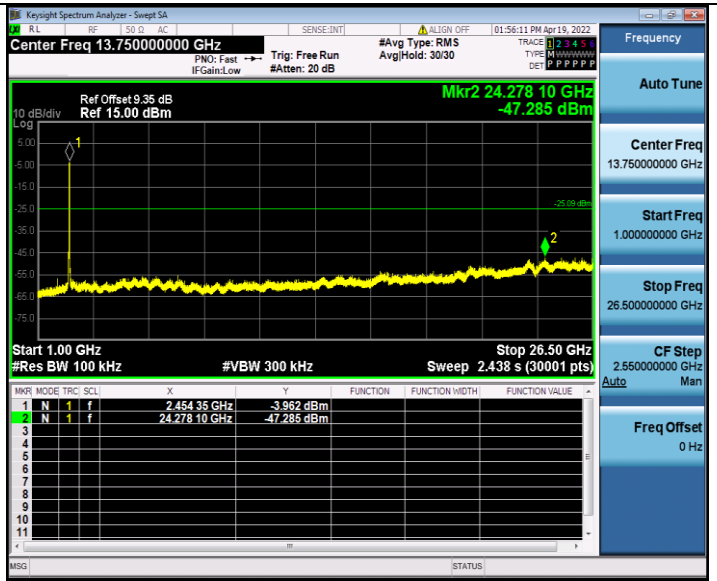
30MHz-1GHz



30MHz-1GHz



1GHz-26.5GHz



1GHz-26.5GHz

4.7. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (c), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Antenna Information

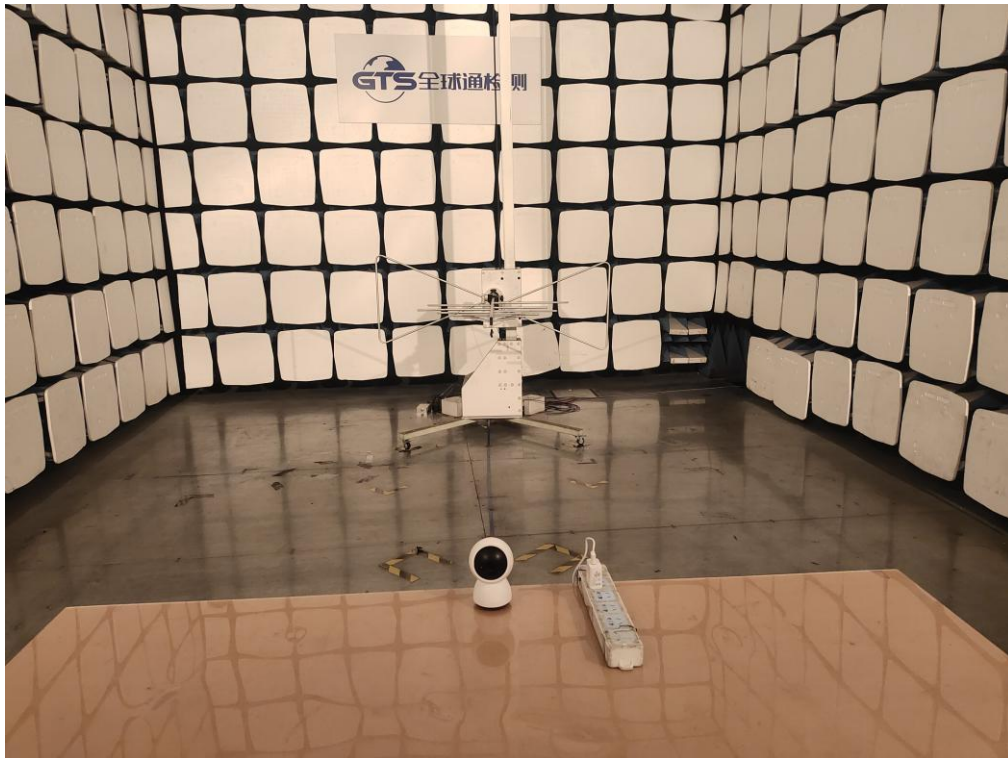
The antenna is on board Antenna, through the buckle stretched out, The directional gains of antenna used for transmitting is 2.09dBi.

Reference to the **Internal photos**.

5. TEST SETUP PHOTOS OF THE EUT

Adapter: TPA-46B050100UU

Radiated Emission

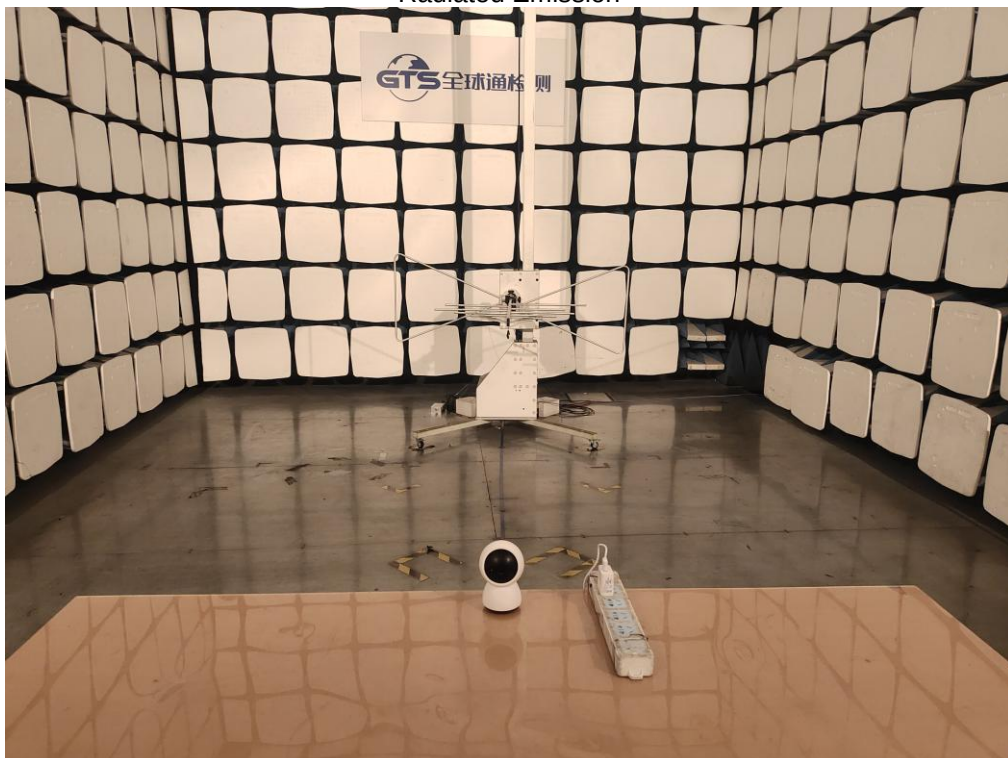


Conducted Emission



Adapter:GTA92-0501000US

Radiated Emission





Conducted Emission



6. EXTERNAL AND INTERNAL PHOTOS OF THE EUT



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7

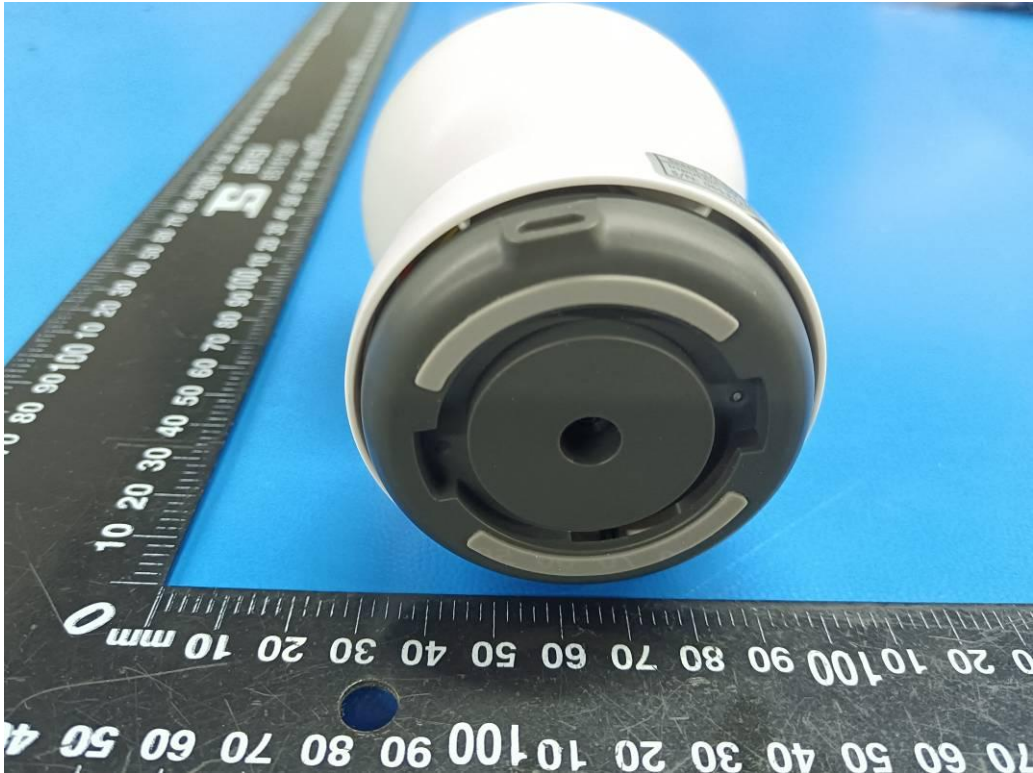


Fig. 8

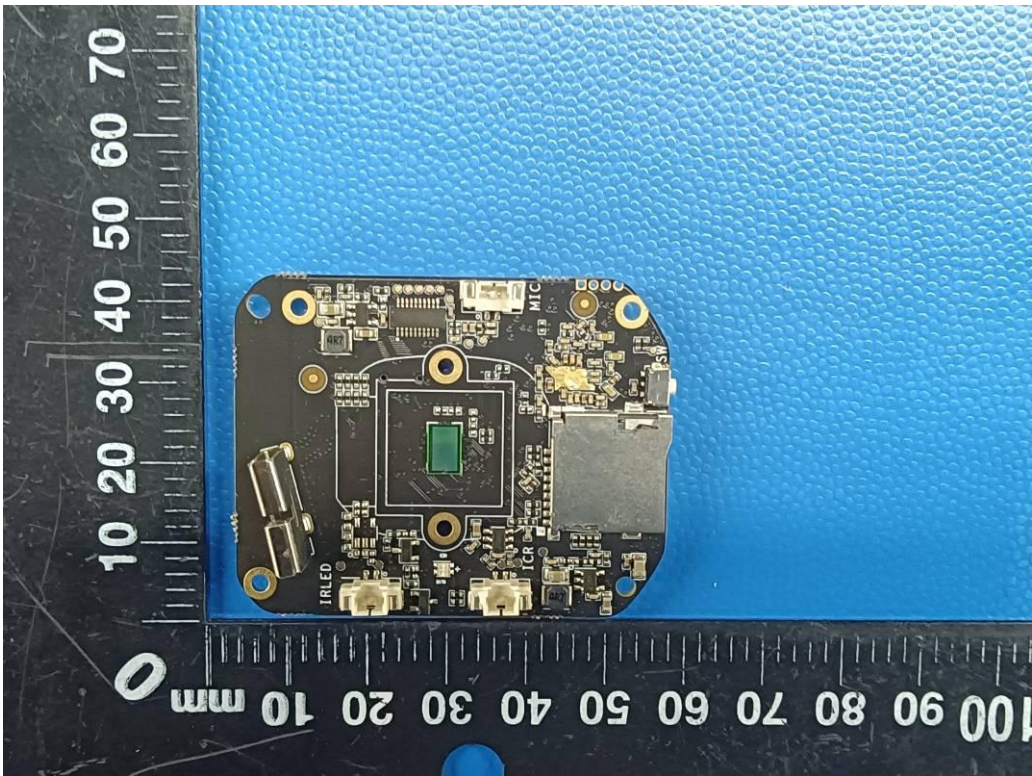


Fig. 11

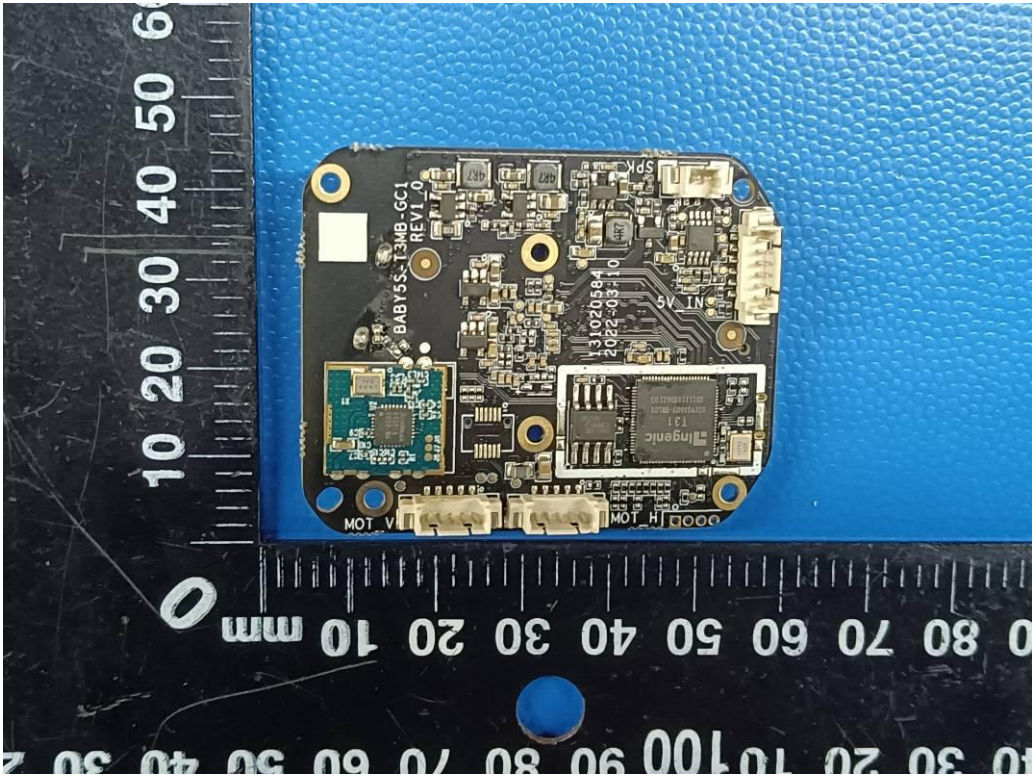


Fig. 12

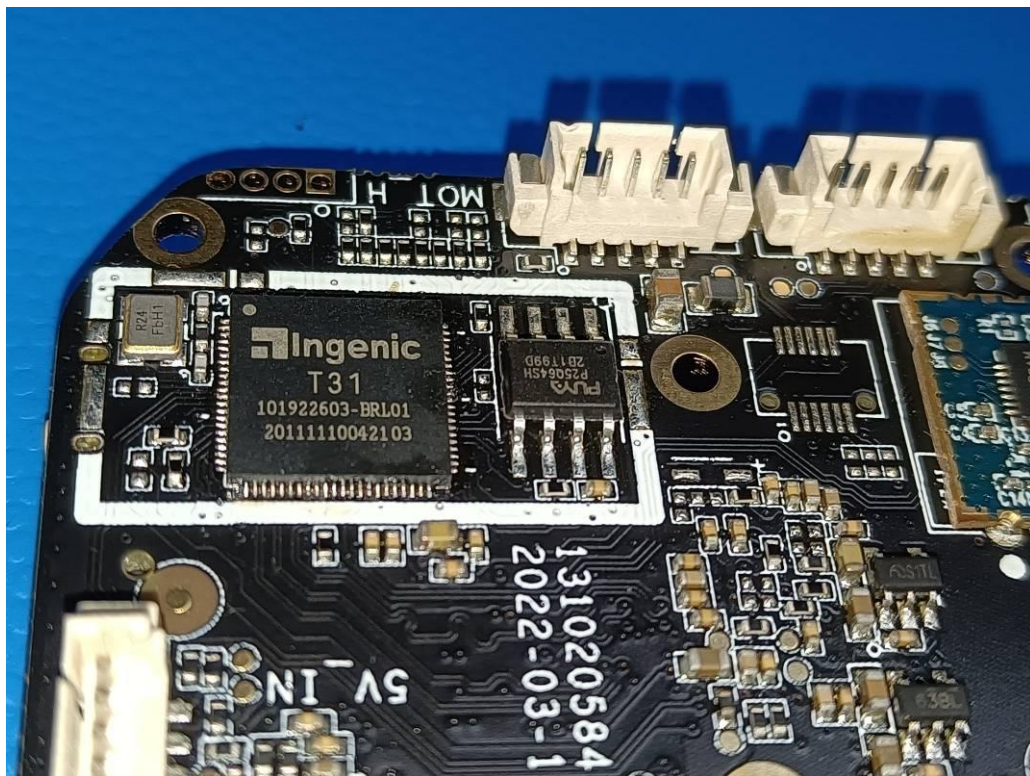


Fig. 13

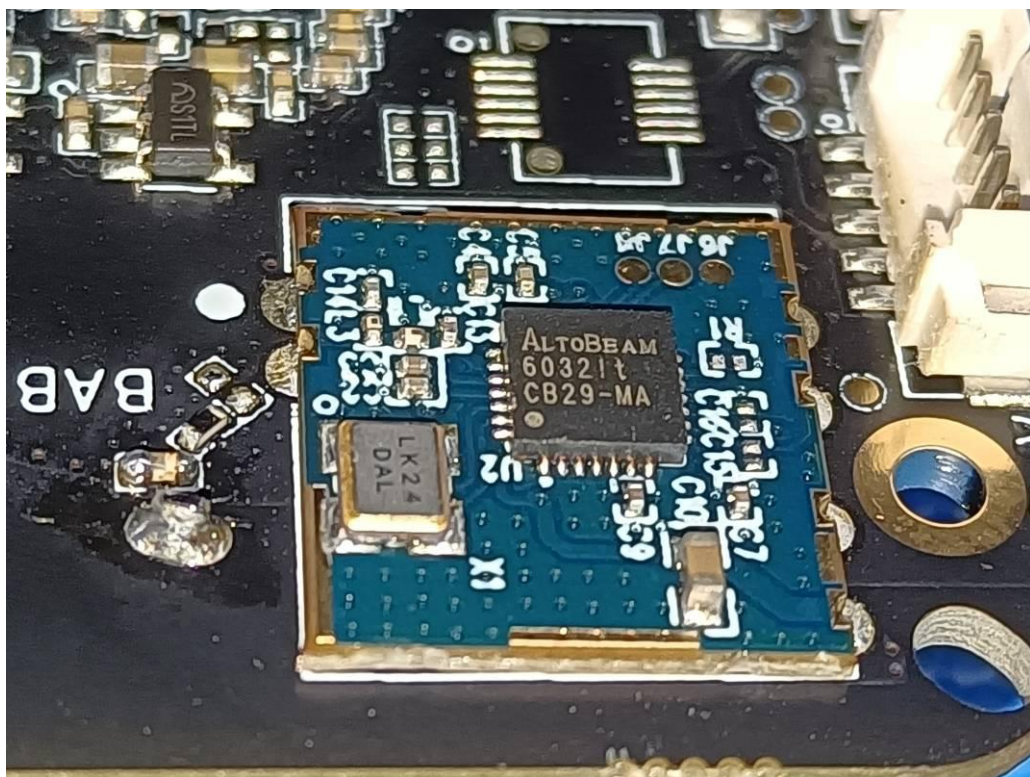


Fig. 14

.....End of Report.....