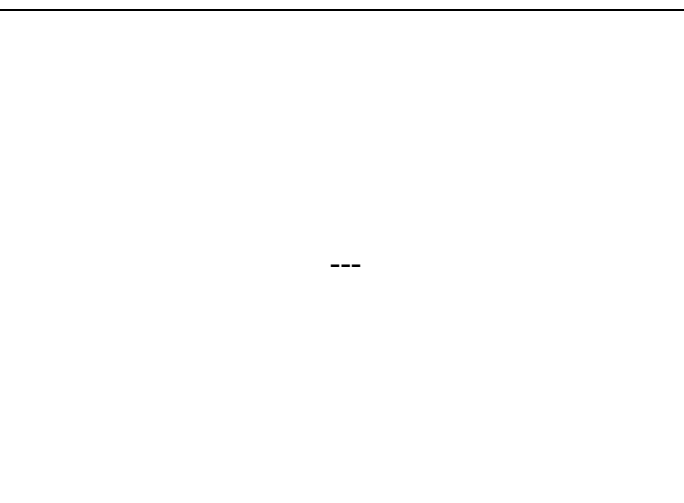
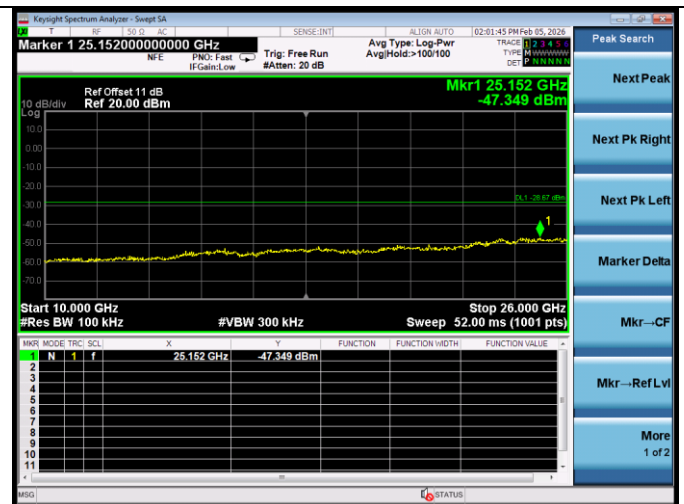
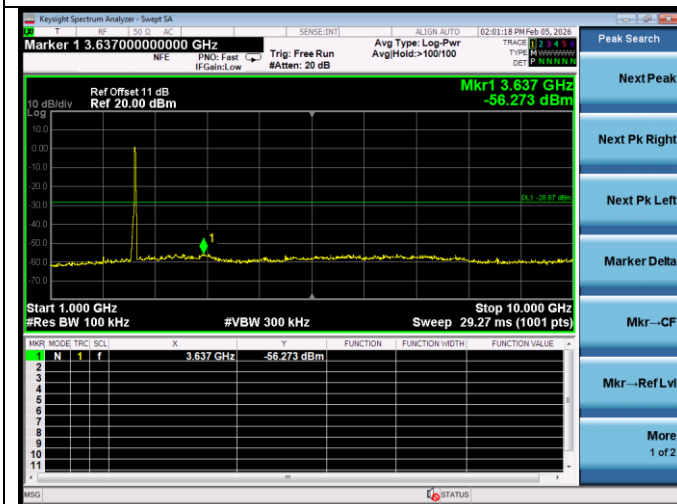
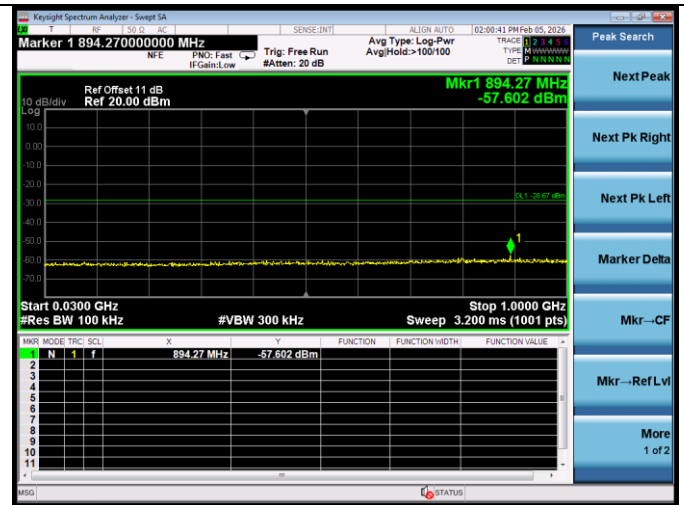
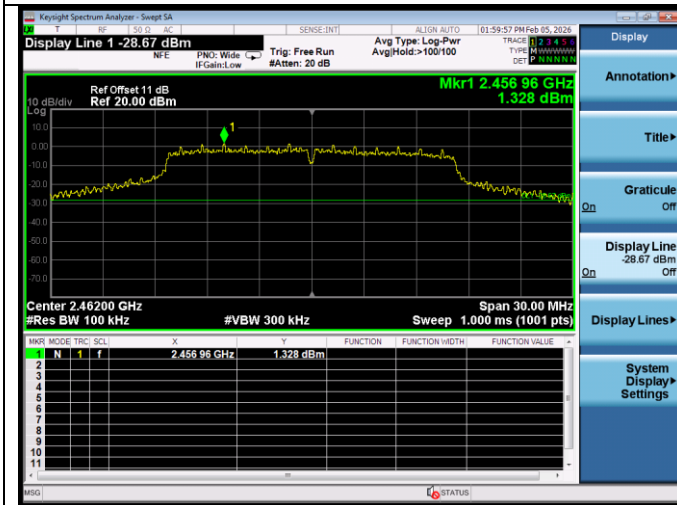
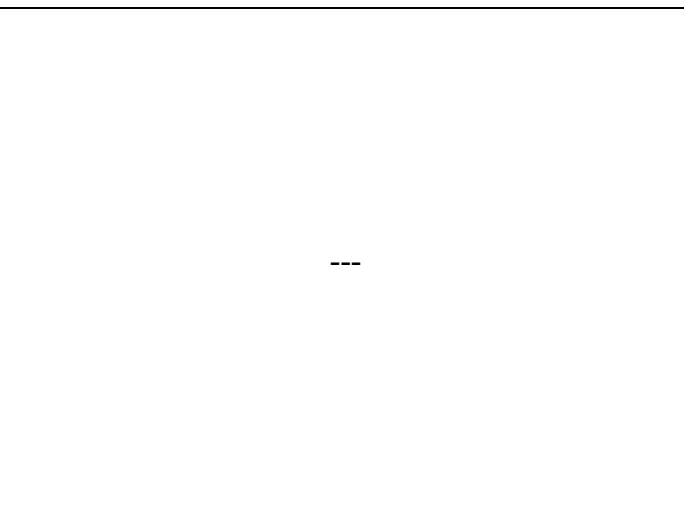
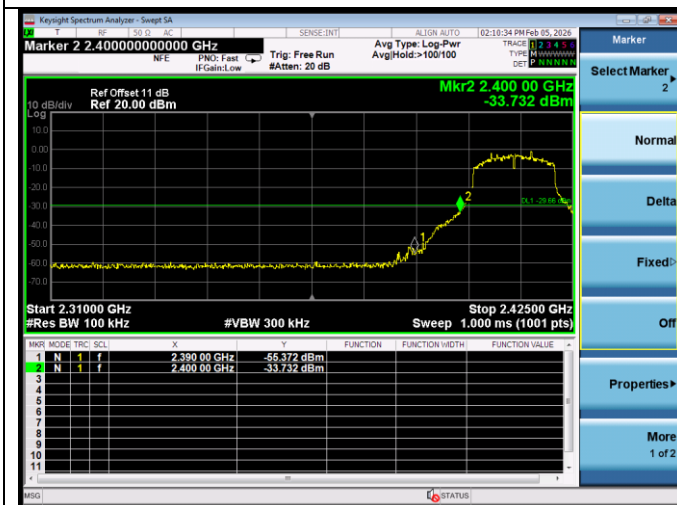
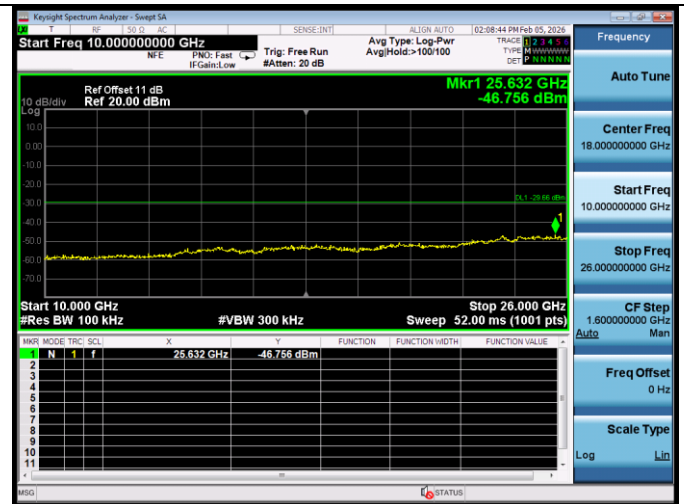
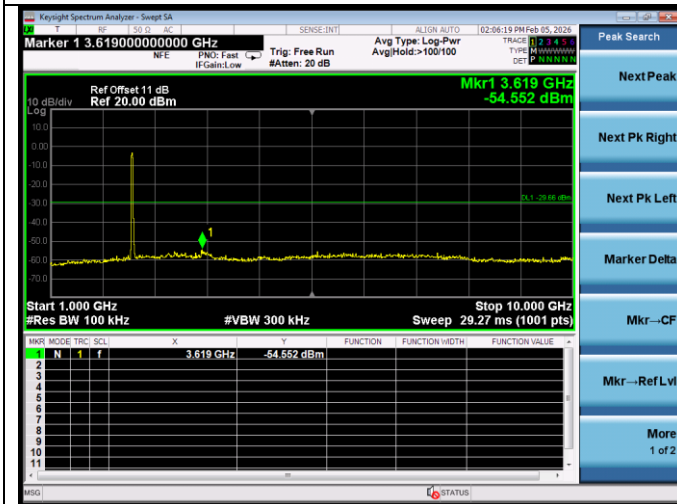
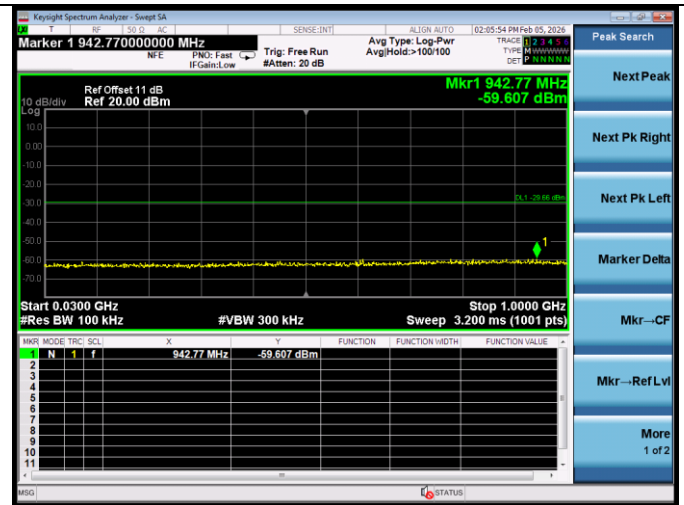
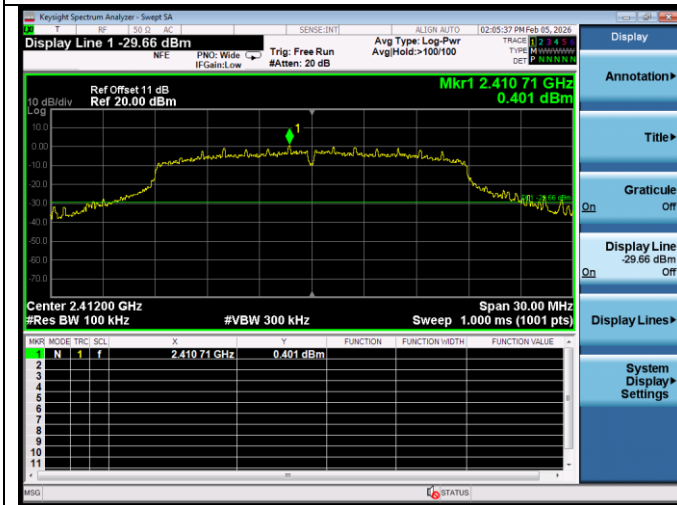


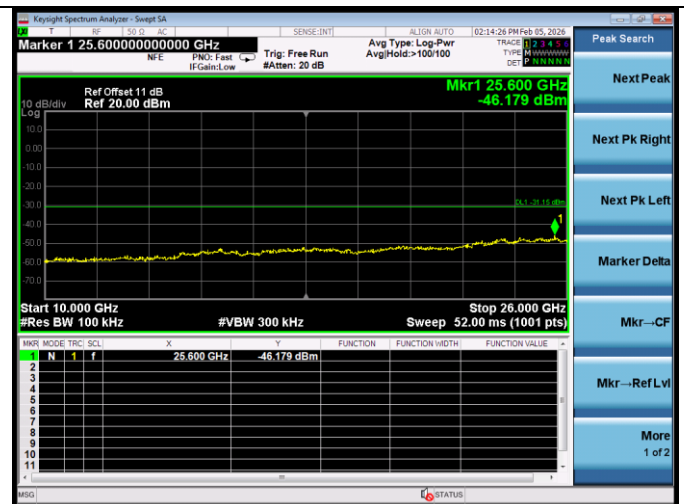
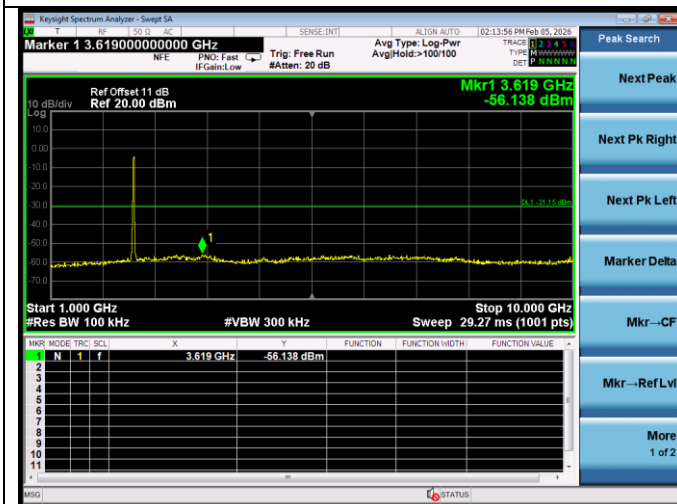
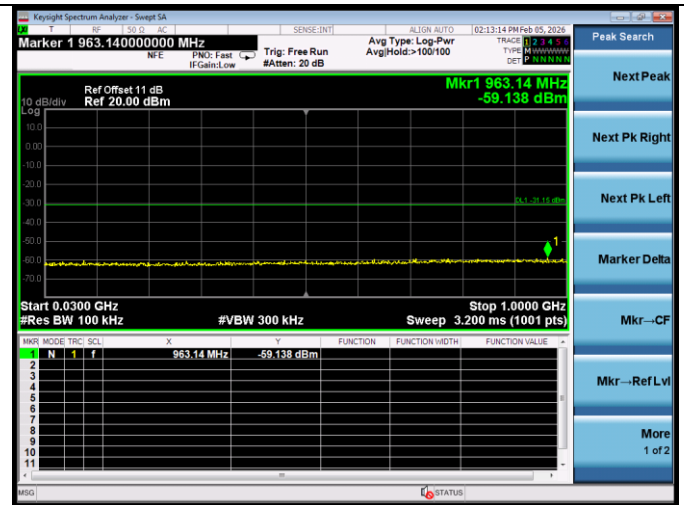
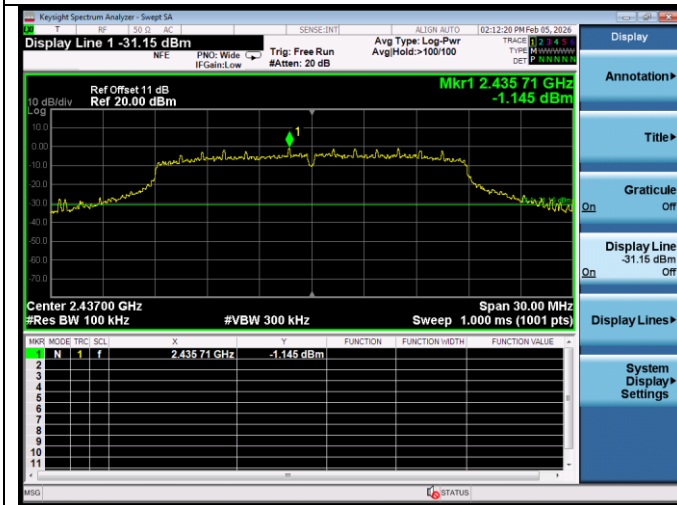
### Test CH11: 2462MHz



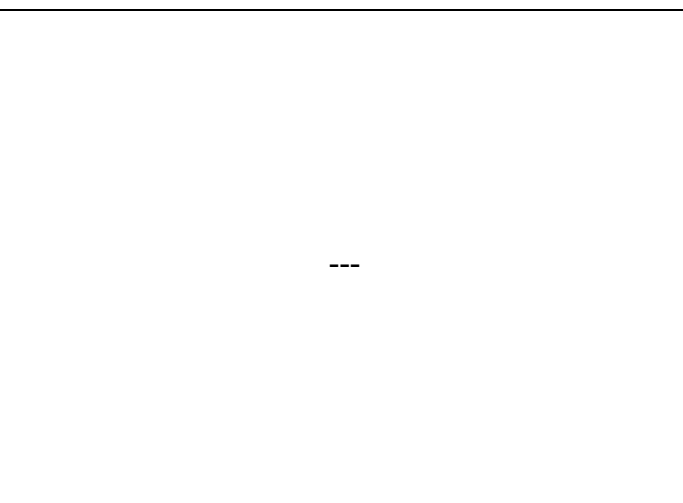
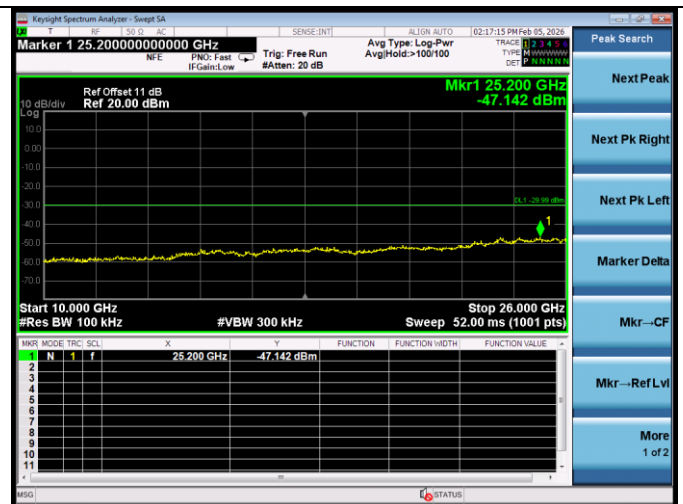
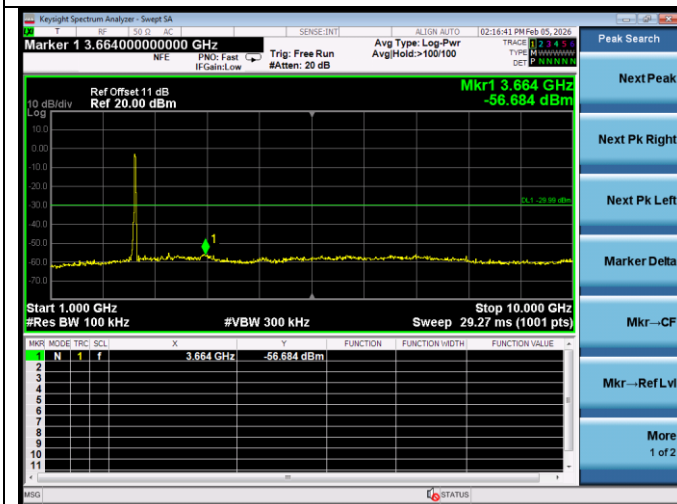
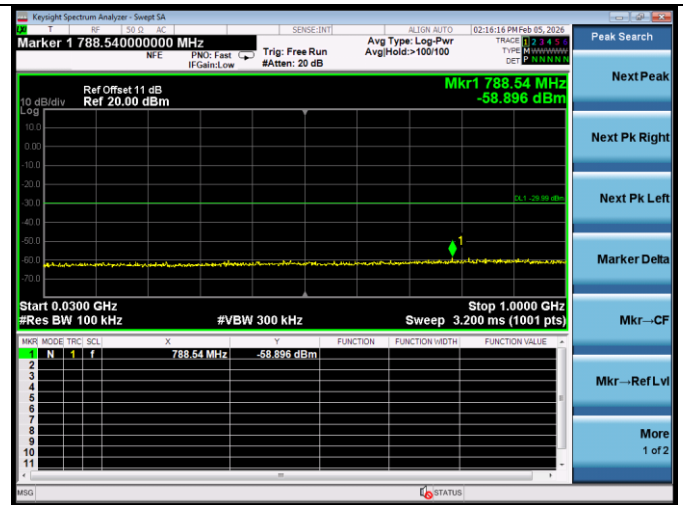
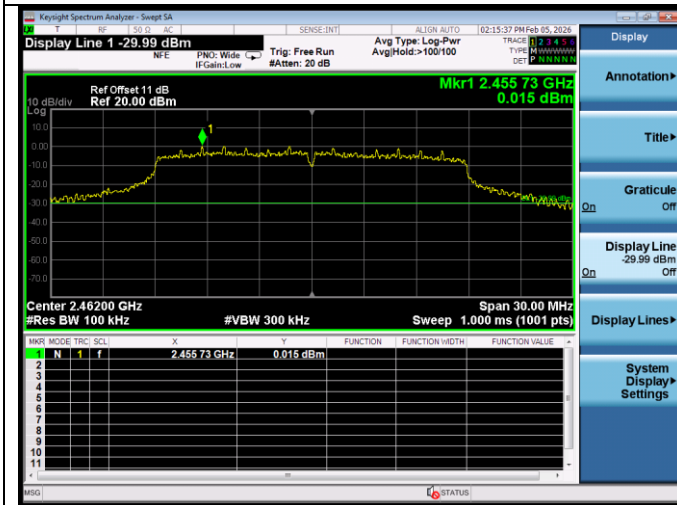
Test Mode: IEEE 802.11n HT20  
Test CH1: 2412MHz



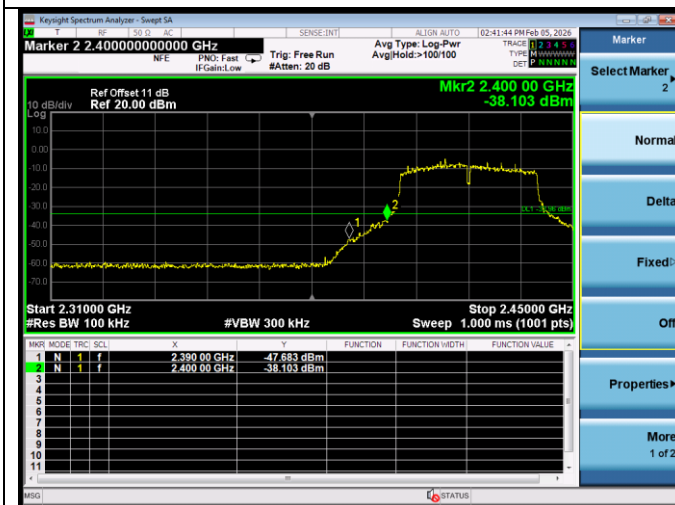
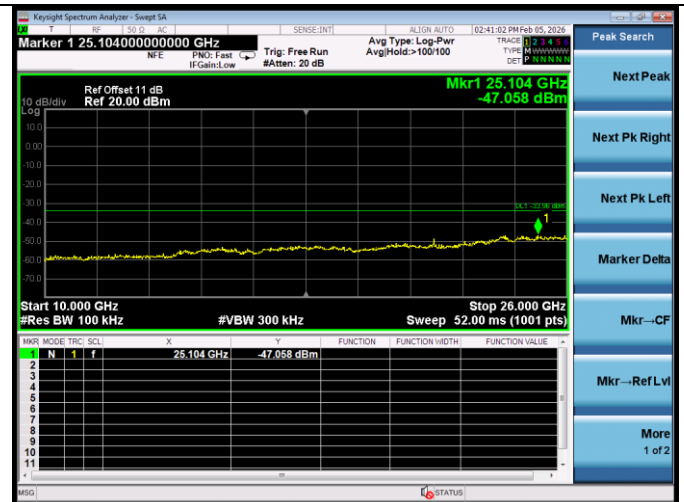
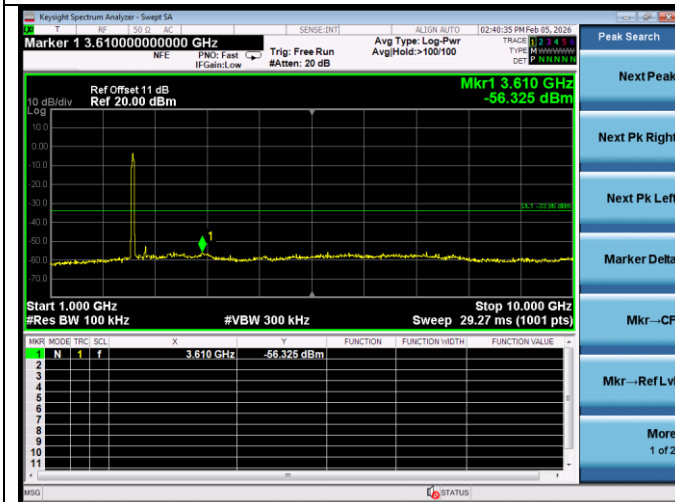
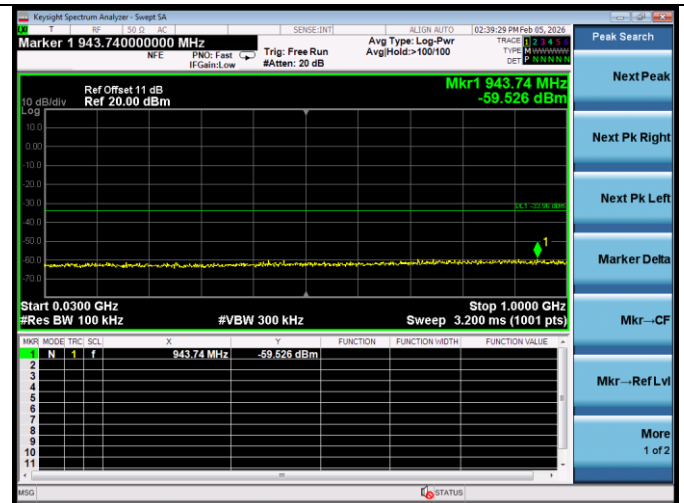
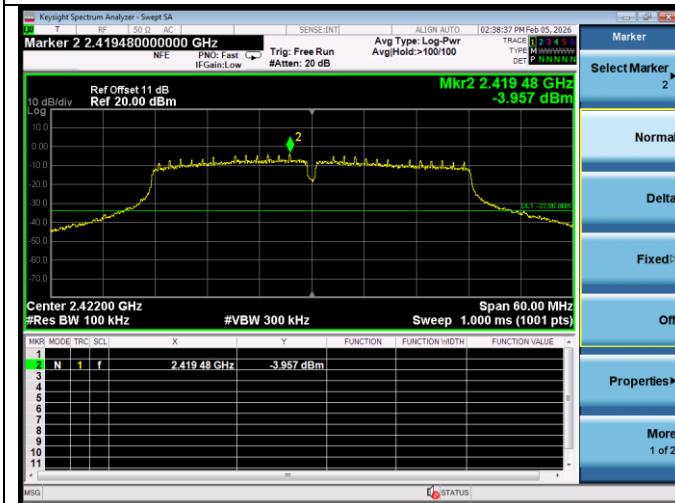
### Test CH6: 2437MHz



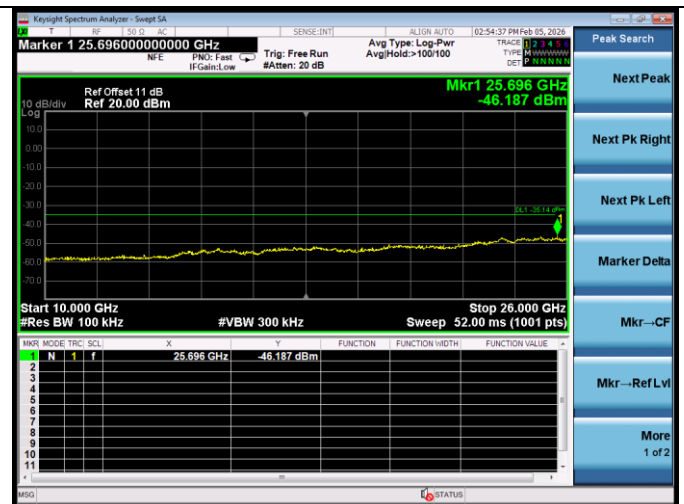
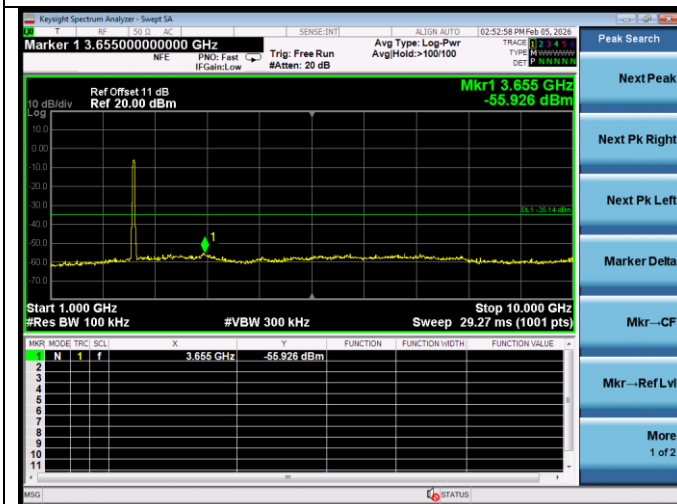
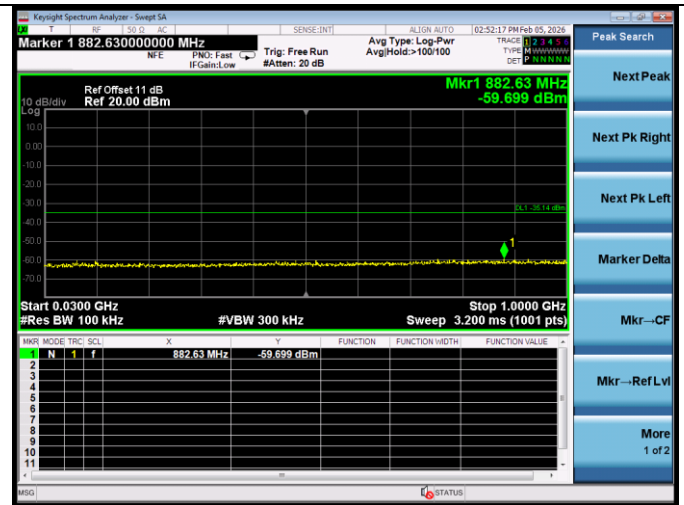
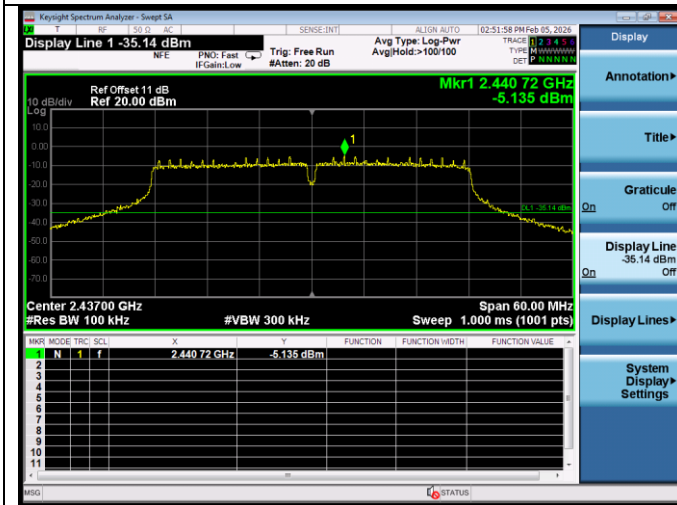
### Test CH11: 2462MHz



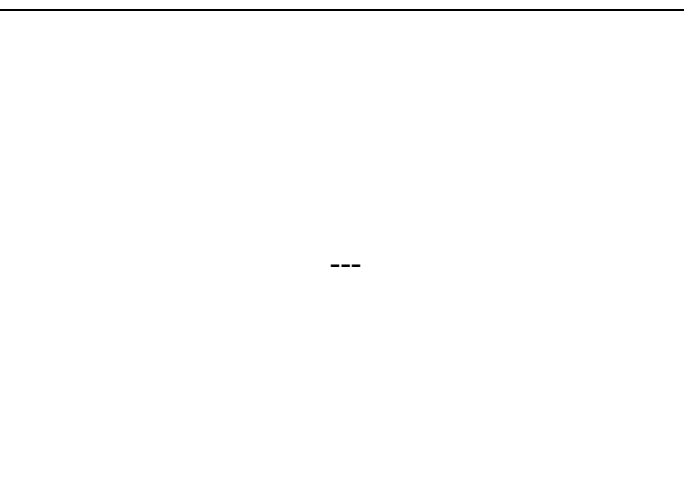
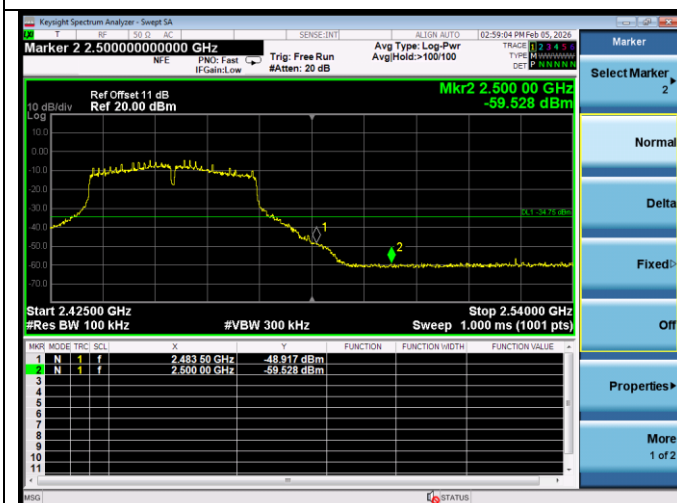
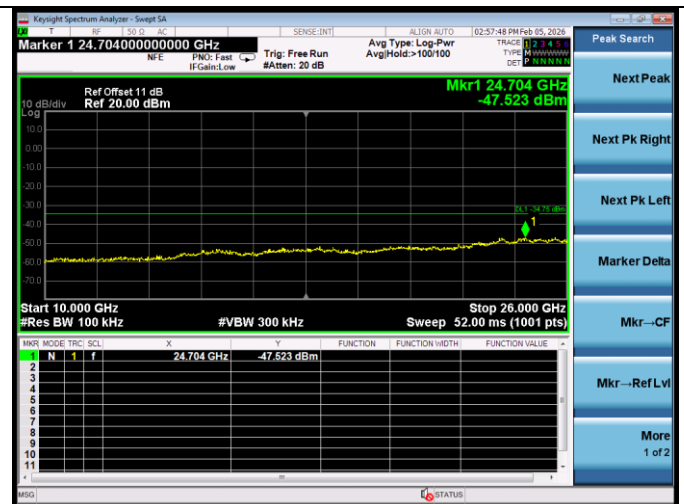
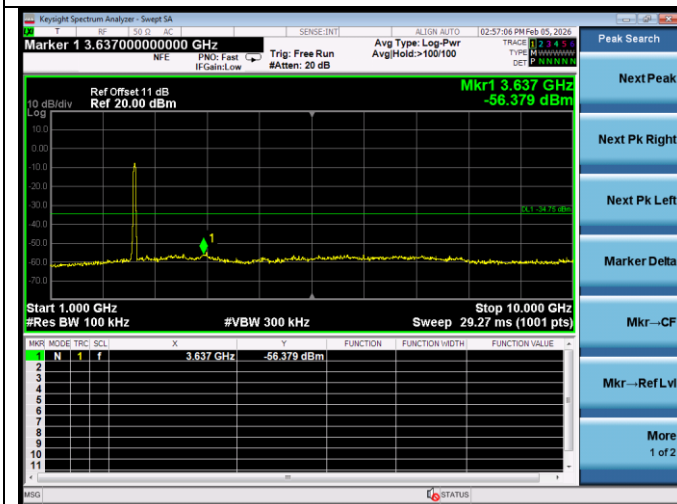
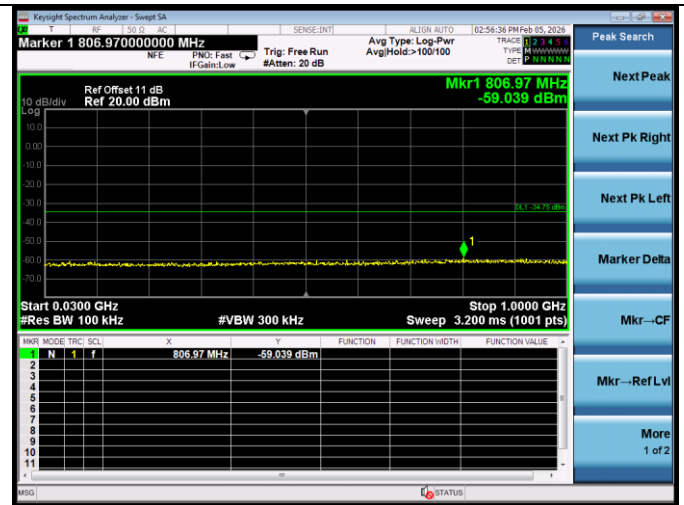
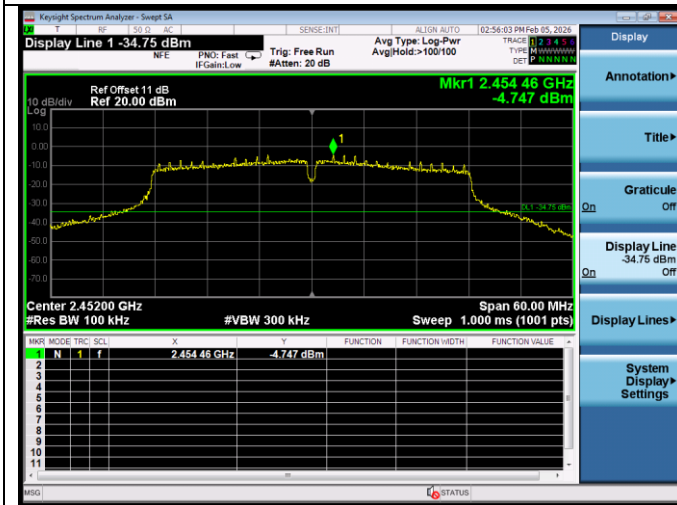
Test Mode: IEEE 802.11n HT40  
Test CH3: 2422MHz



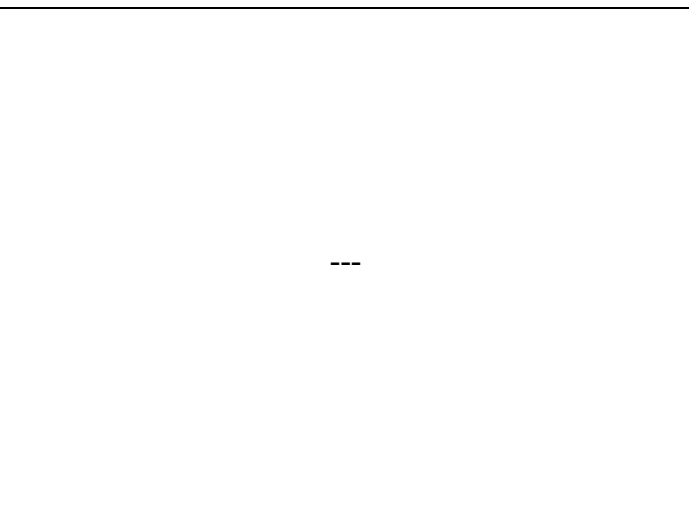
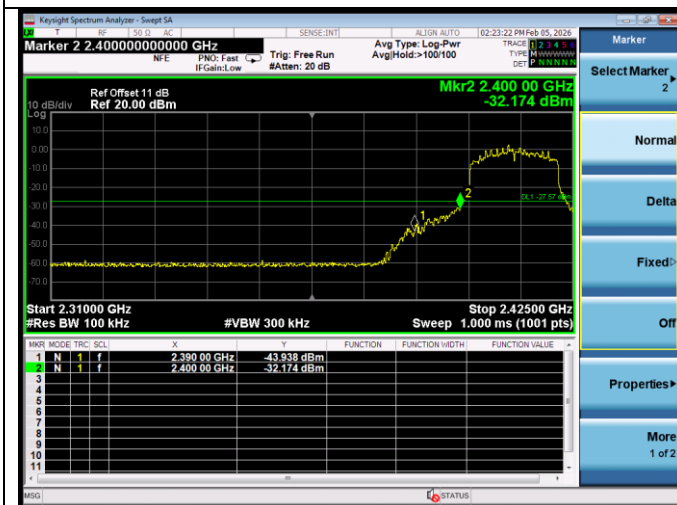
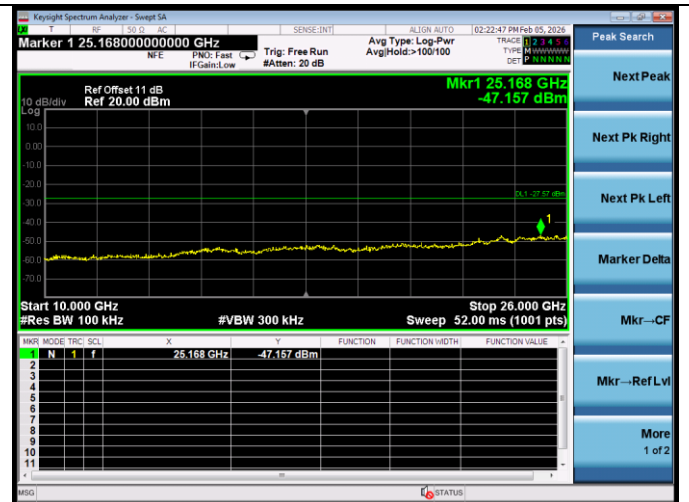
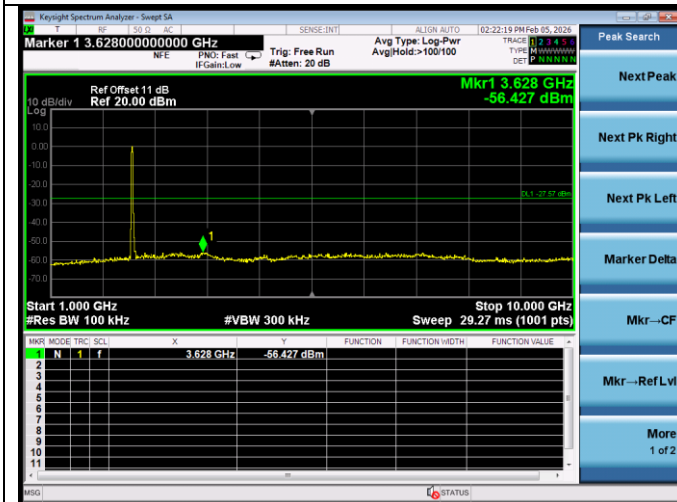
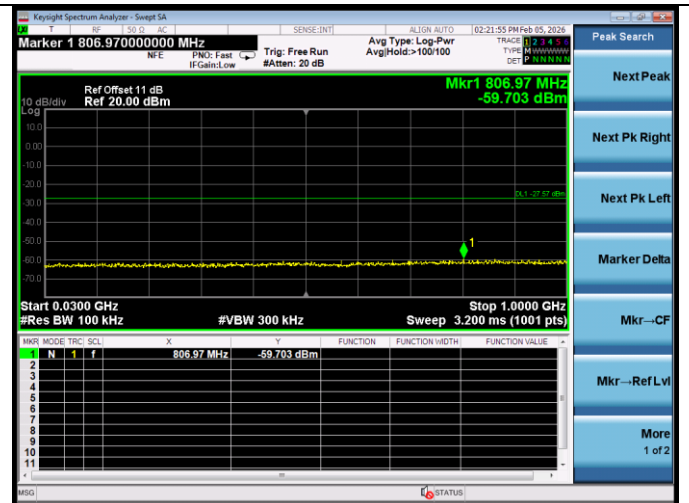
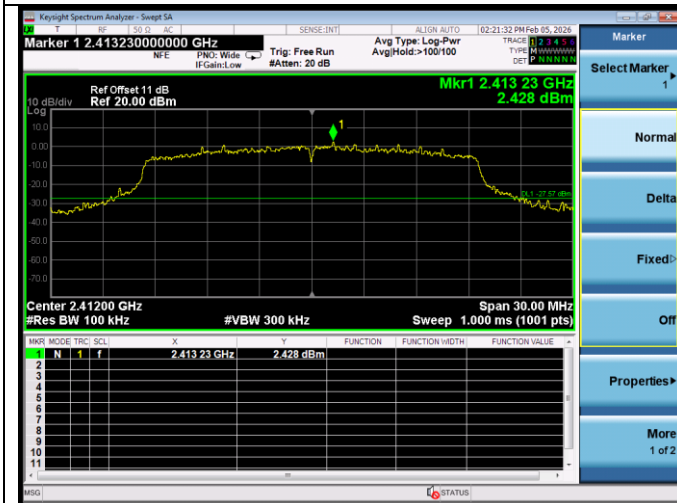
### Test CH6: 2437MHz



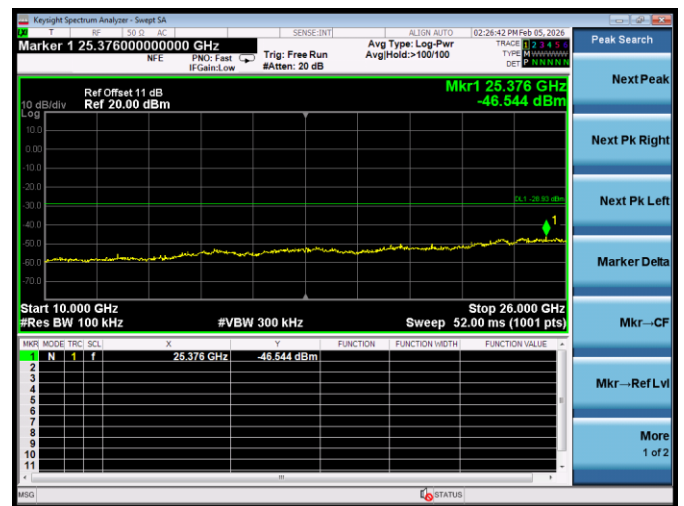
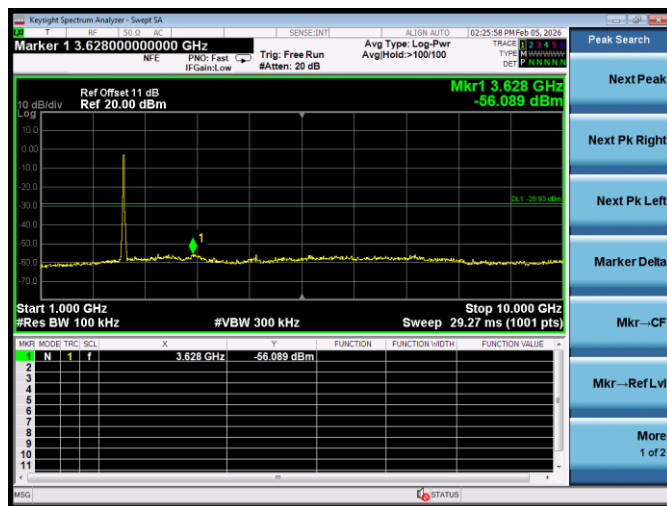
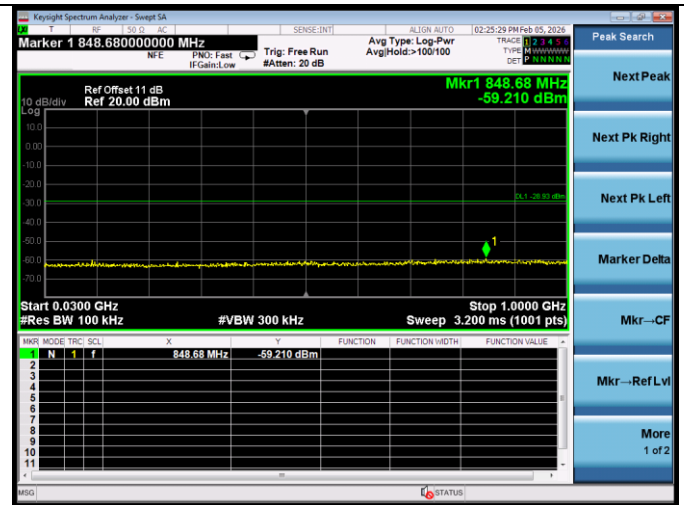
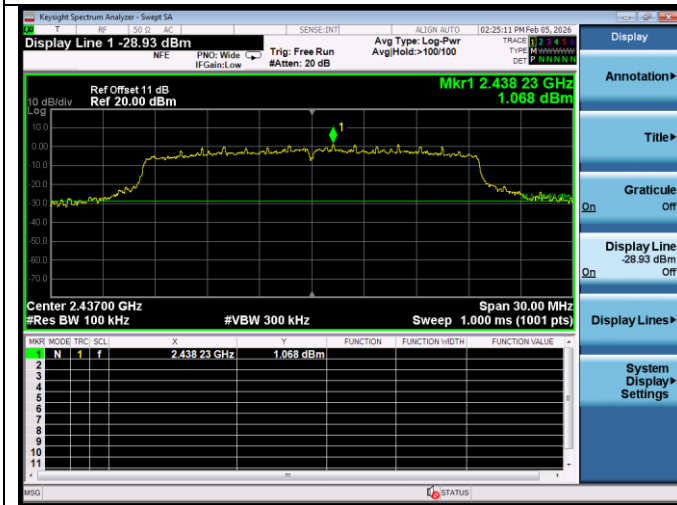
## Test CH9: 2452MHz



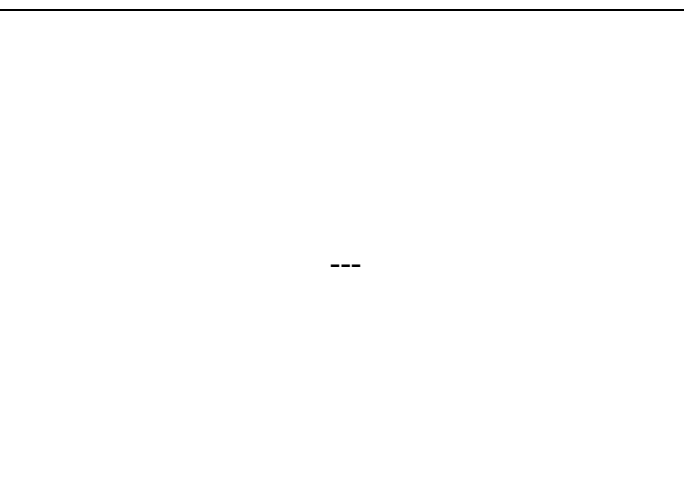
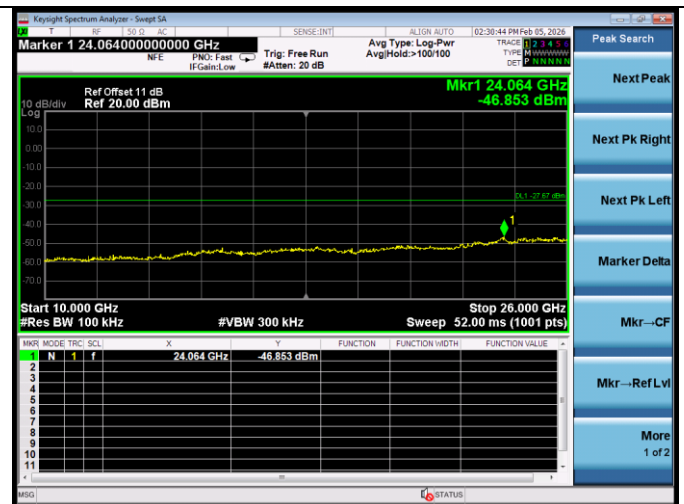
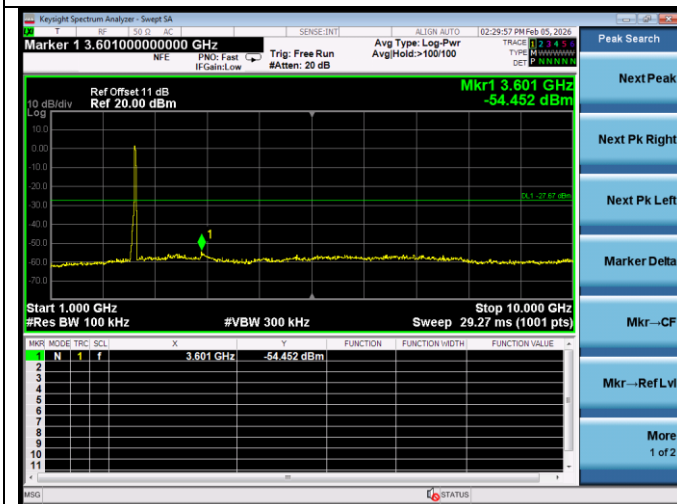
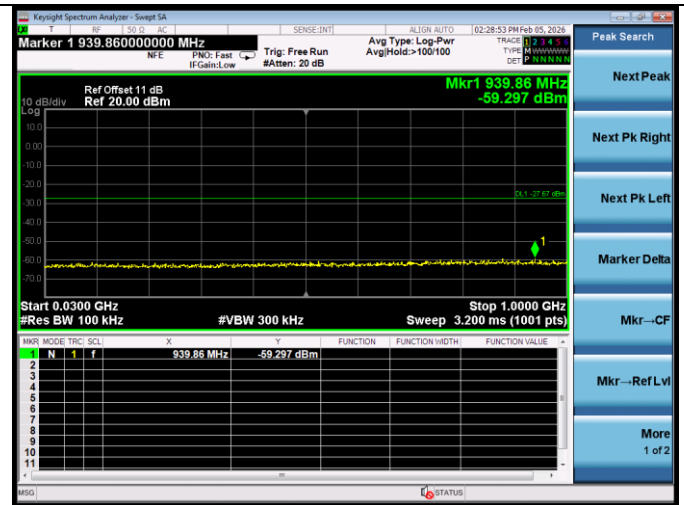
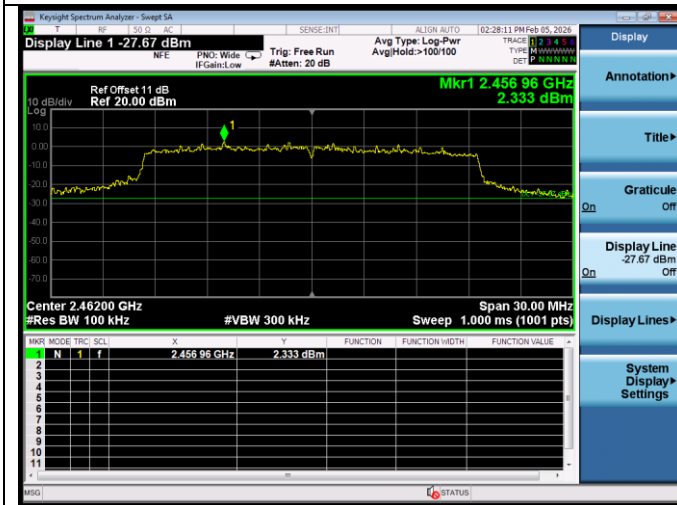
Test Mode: IEEE 802.11ax HE20  
Test CH1: 2412MHz



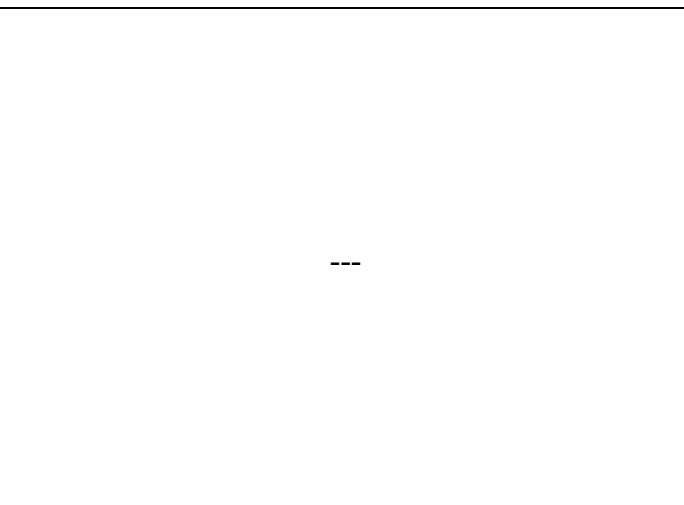
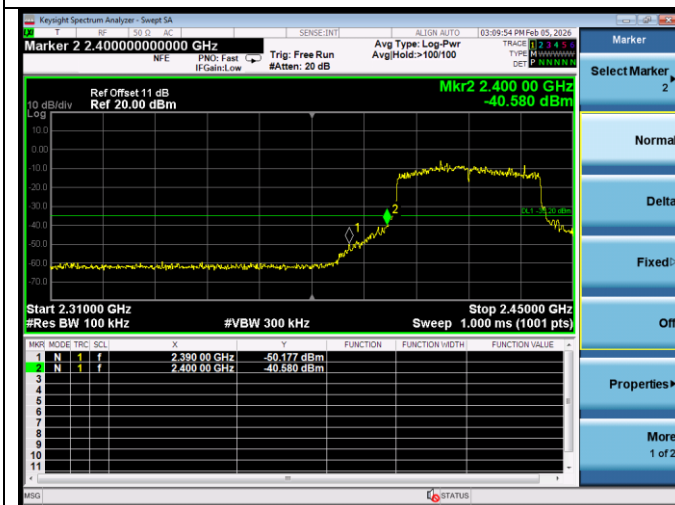
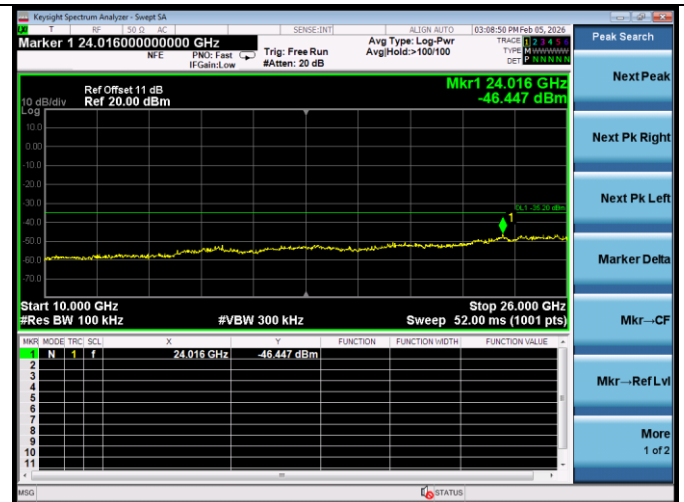
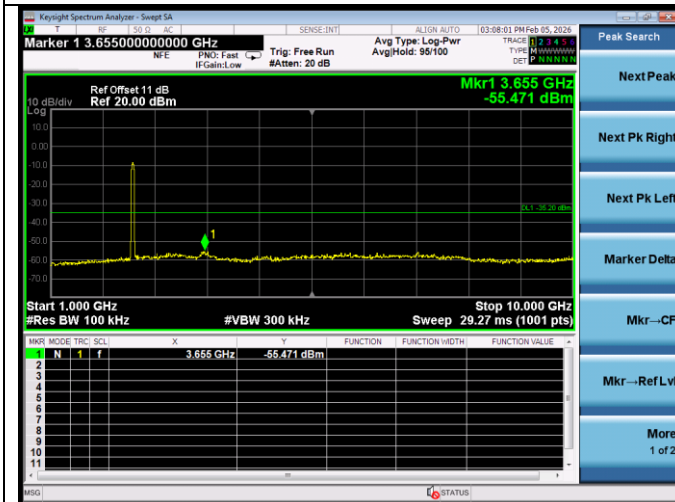
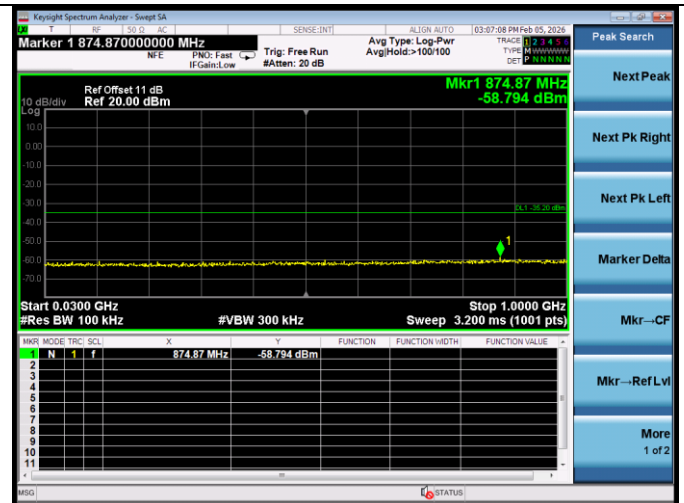
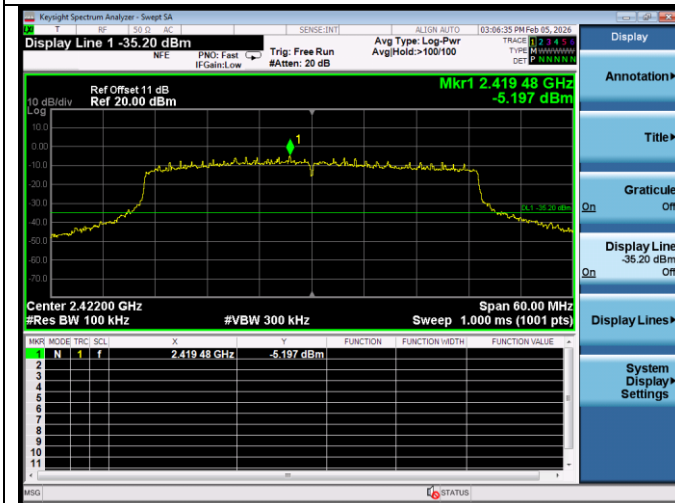
## Test CH6: 2437MHz



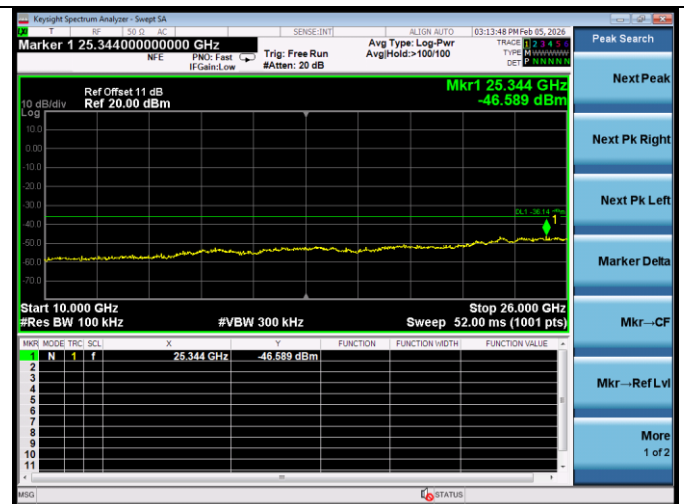
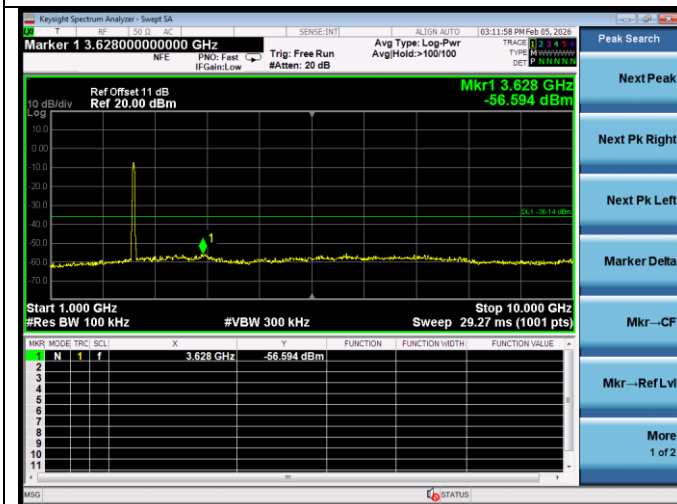
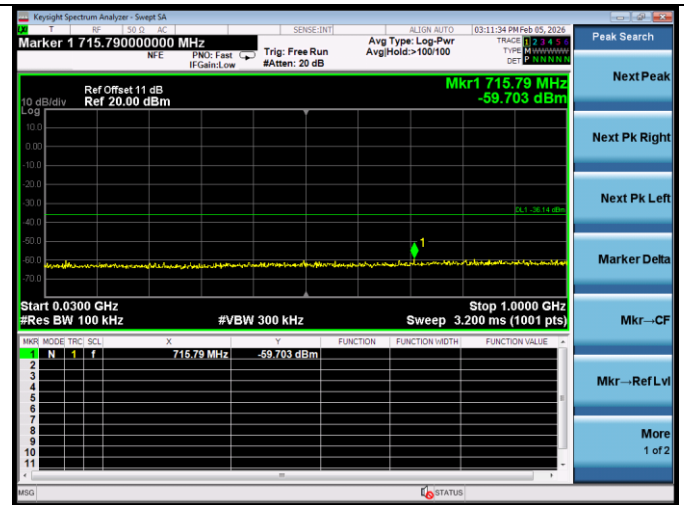
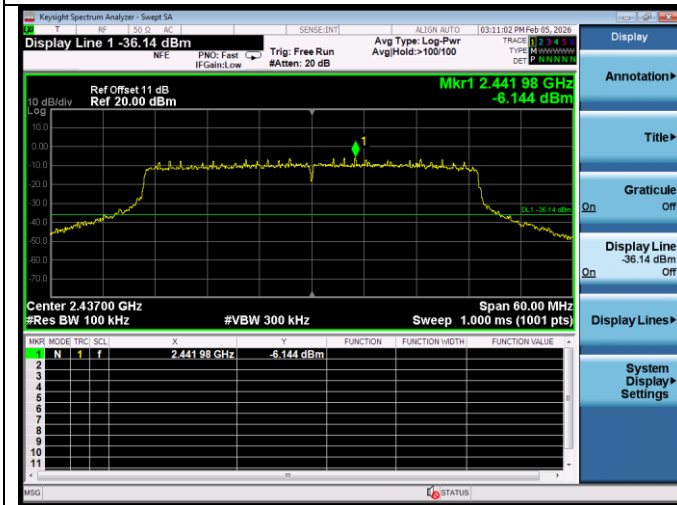
# Test CH11: 2462MHz



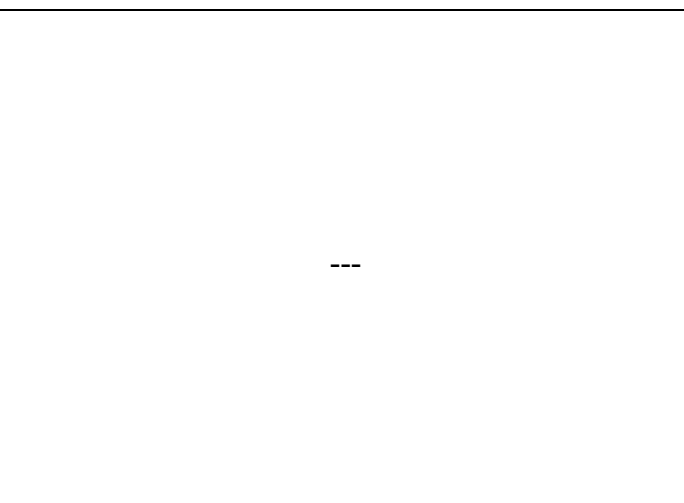
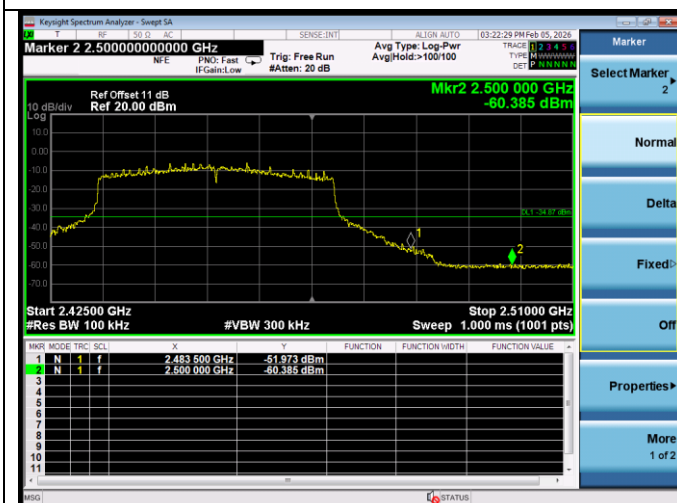
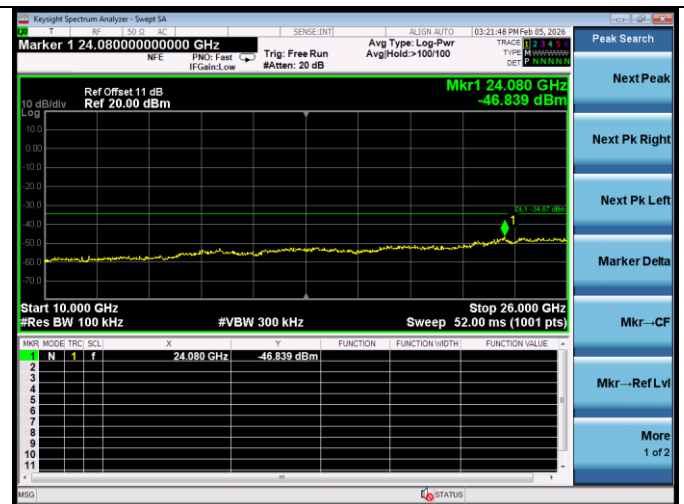
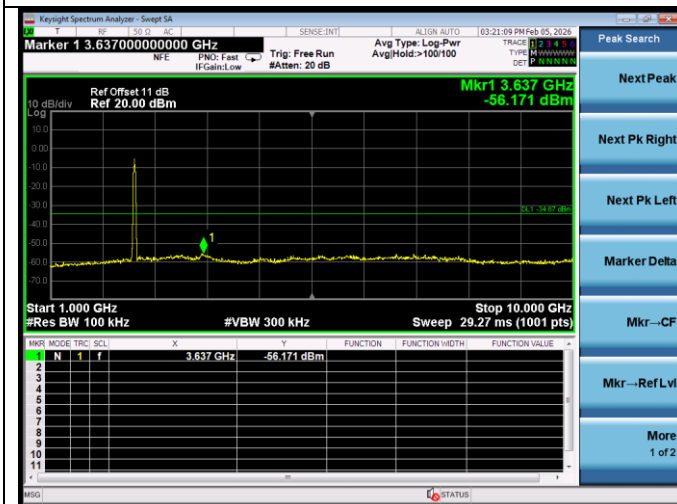
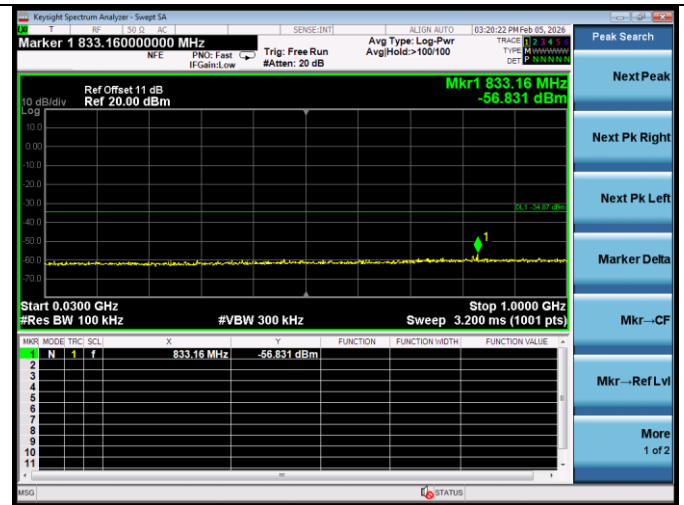
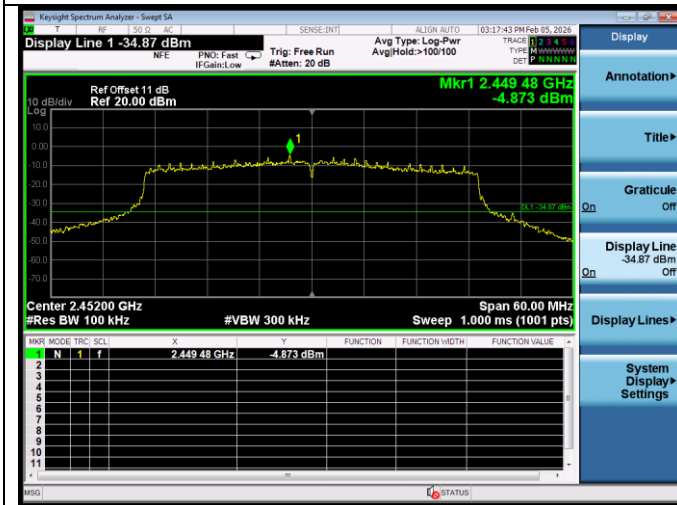
Test Mode: IEEE 802.11ax HE40  
Test CH3: 2422MHz



### Test CH6: 2437MHz



## Test CH9: 2452MHz



## 6. BAND EDGE COMPLIANCE TEST

### 6.1.Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

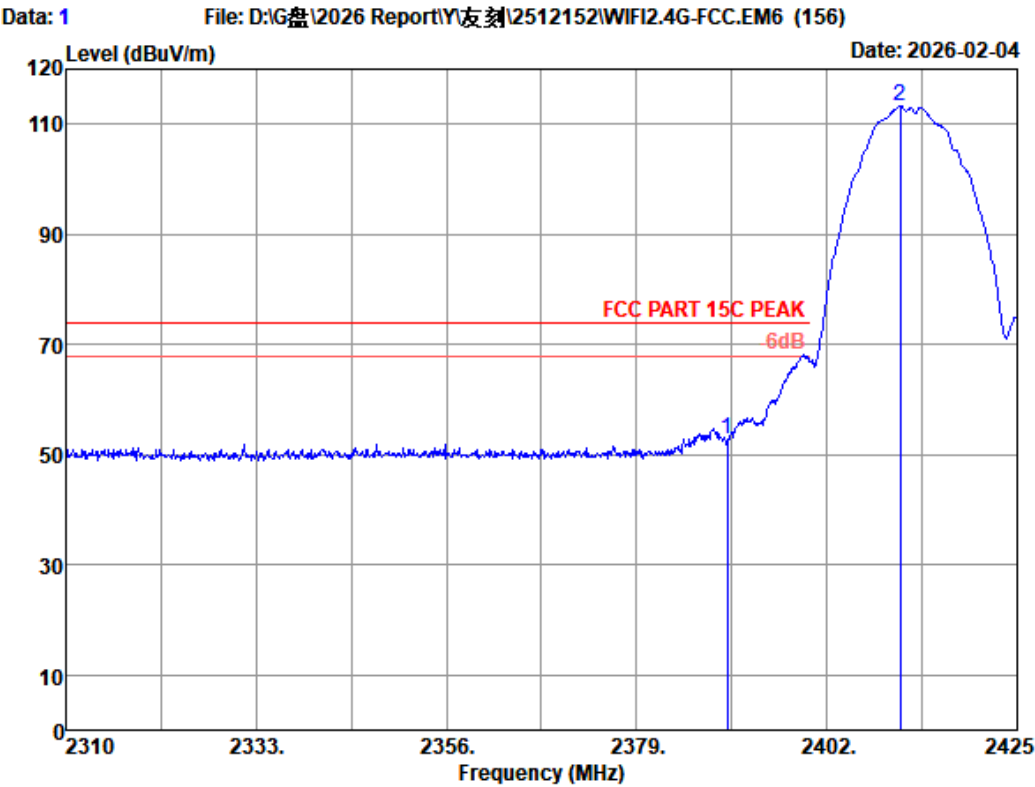
### 6.2.Test Procedure

1. The EUT is placed on a turntable, which is 1.5m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
  - (a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
  - (b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO

### 6.3.Test Results

Pass (The testing data was attached in the next pages.)

FCC ID: 2A7R8-SE2

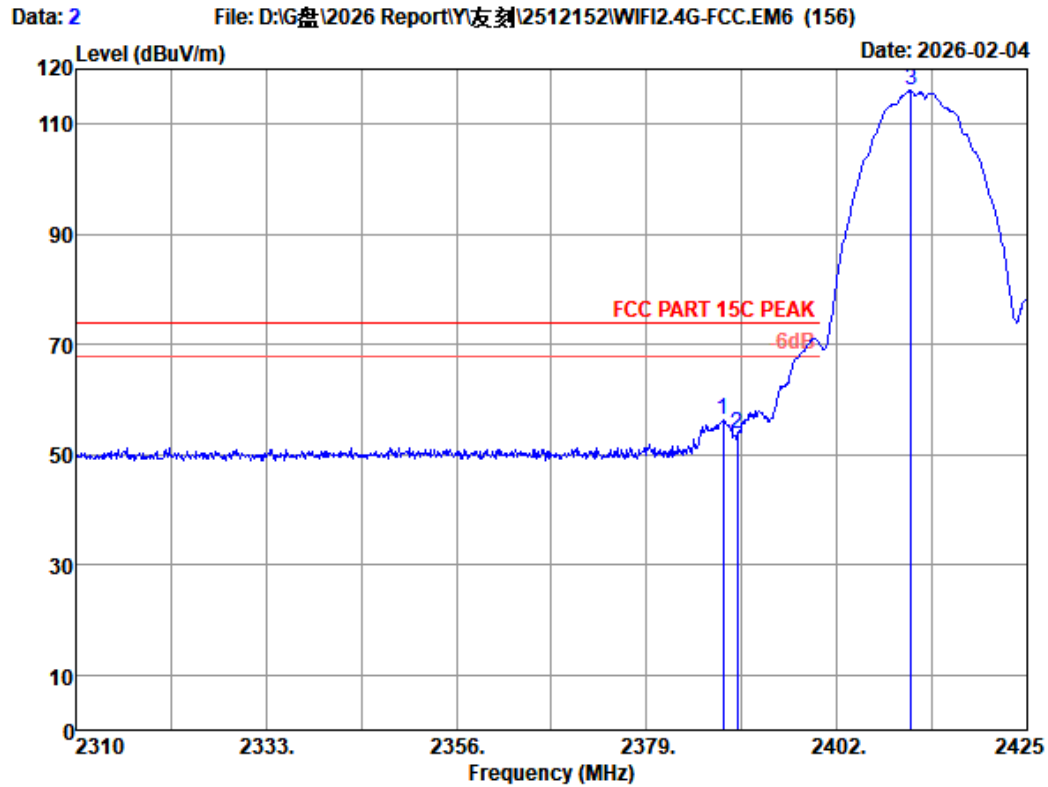


Site no. : 3m Chamber Data no. : 1  
 Dis. / Ant. : 3m 2025-3115-4580 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK Engineer : Epoch  
 Env. / Ins. : 23.2°C/52.6%  
 Test Mode : WIFI2.4G 11b 2412MHz TX Mode

| No. | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | AMP<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>Limits<br>(dB) | Remark |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|--------------------------|--------|
| 1   | 2390.000       | 27.86                    | 0.64                  | 32.77                 | 56.93             | 52.66                         | 74.00              | 21.34                    | Peak   |
| 2   | 2410.855       | 27.92                    | 0.64                  | 32.75                 | 117.44            | 113.25                        | -----              | -----                    | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 -Amp factor (peak)  
 2. The emission levels that are 20dB below the official limit are not reported

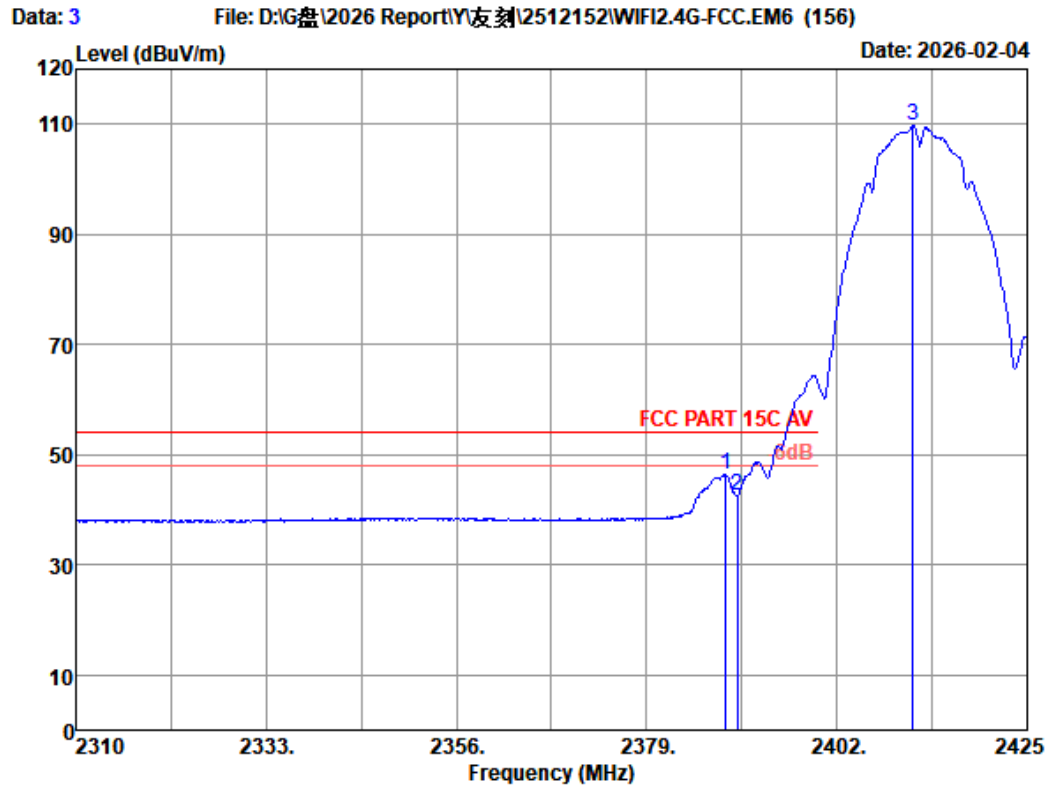
FCC ID: 2A7R8-SE2



Site no. : 3m Chamber Data no. : 2  
 Dis. / Ant. : 3m 2025-3115-4580 Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK Engineer : Epoch  
 Env. / Ins. : 23.2°C/52.6%  
 Test Mode : WIFI2.4G 11b 2412MHz TX Mode

| No. | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | AMP<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>Limits<br>(dB) | Remark |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|--------------------------|--------|
| 1   | 2388.200       | 27.85                    | 0.64                  | 32.77                 | 60.60             | 56.32                         | 74.00              | 17.68                    | Peak   |
| 2   | 2390.000       | 27.86                    | 0.64                  | 32.77                 | 57.88             | 53.61                         | 74.00              | 20.39                    | Peak   |
| 3   | 2410.970       | 27.92                    | 0.64                  | 32.75                 | 120.21            | 116.02                        | -----              | -----                    | Peak   |

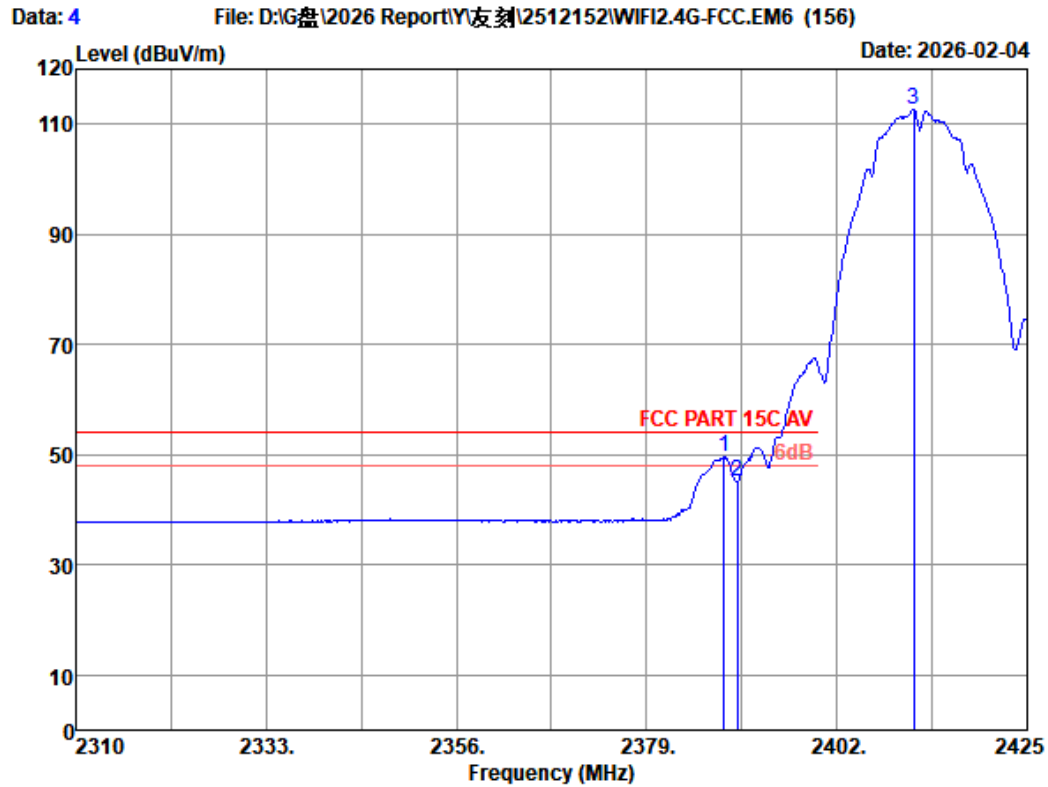
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 -Amp factor(peak)  
 2. The emission levels that are 20dB below the official limit are not reported



Site no. : 3m Chamber Data no. : 3  
 Dis. / Ant. : 3m 2025-3115-4580 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV Engineer : Epoch  
 Env. / Ins. : 23.2°C/52.6%  
 Test Mode : WIFI2.4G 11b 2412MHz TX Mode

| No. | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | AMP<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>Limits<br>(dB) | Remark  |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|--------------------------|---------|
| 1   | 2388.545       | 27.85                    | 0.64                  | 32.77                 | 50.58             | 46.30                         | 54.00              | 7.70                     | Average |
| 2   | 2390.000       | 27.86                    | 0.64                  | 32.77                 | 46.98             | 42.71                         | 54.00              | 11.29                    | Average |
| 3   | 2411.200       | 27.92                    | 0.64                  | 32.75                 | 113.93            | 109.74                        | -----              | -----                    | Average |

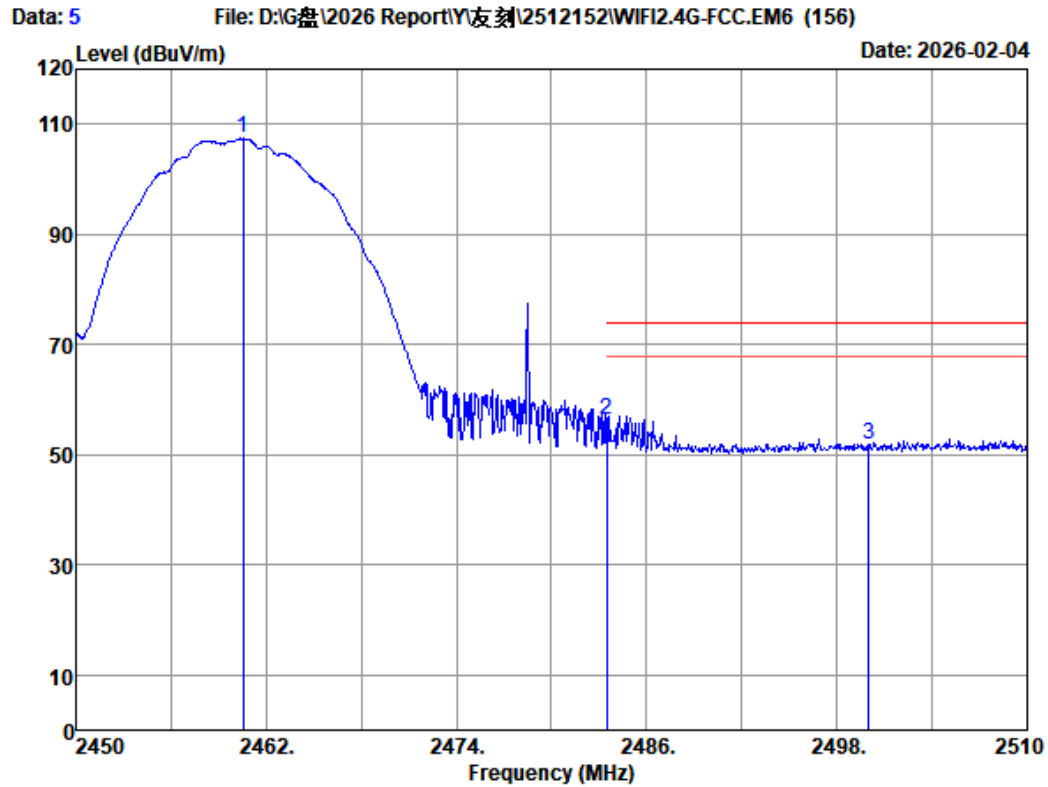
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 -Amp factor(peak)  
 2. The emission levels that are 20dB below the official limit are not reported



Site no. : 3m Chamber Data no. : 4  
 Dis. / Ant. : 3m 2025-3115-4580 Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV Engineer : Epoch  
 Env. / Ins. : 23.2°C/52.6%  
 Test Mode : WIFI2.4G 11b 2412MHz TX Mode

| No. | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | AMP<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>Limits<br>(dB) | Remark  |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|--------------------------|---------|
| 1   | 2388.315       | 27.85                    | 0.64                  | 32.77                 | 53.87             | 49.59                         | 54.00              | 4.41                     | Average |
| 2   | 2390.000       | 27.86                    | 0.64                  | 32.77                 | 49.31             | 45.04                         | 54.00              | 8.96                     | Average |
| 3   | 2411.315       | 27.92                    | 0.64                  | 32.75                 | 116.86            | 112.67                        | -----              | -----                    | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 -Amp factor(peak)  
 2. The emission levels that are 20dB below the official limit are not reported



Site no. : 3m Chamber Data no. : 5  
 Dis. / Ant. : 3m 2025-3115-4580 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK Engineer : Epoch  
 Env. / Ins. : 23.2°C/52.6%  
 Test Mode : WIFI2.4G 11b 2462MHz TX Mode

| No. | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | AMP<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>Limits<br>(dB) | Remark |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|--------------------------|--------|
| 1   | 2460.560       | 28.08                    | 0.65                  | 32.72                 | 111.38            | 107.39                        | -----              | -----                    | Peak   |
| 2   | 2483.500       | 28.27                    | 0.65                  | 32.71                 | 60.20             | 56.41                         | 74.00              | 17.59                    | Peak   |
| 3   | 2500.000       | 28.40                    | 0.65                  | 32.70                 | 55.62             | 51.97                         | 74.00              | 22.03                    | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 -Amp factor(peak)  
 2. The emission levels that are 20dB below the official limit are not reported