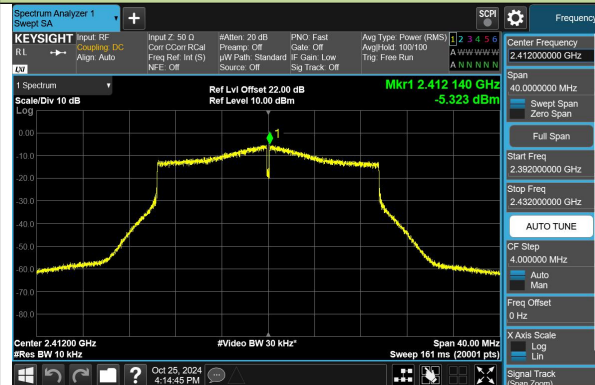
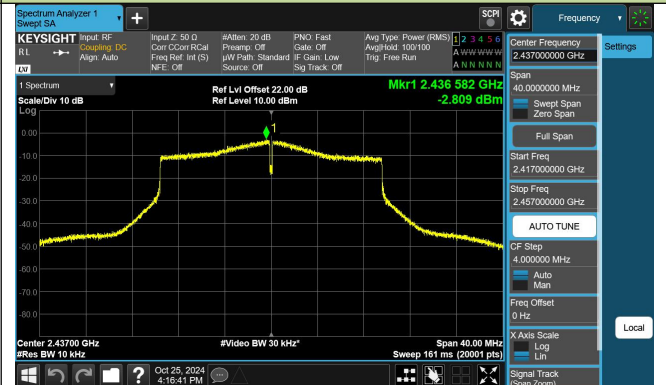


## 802.11ax-HE20 AVGPSD – Ant 1 CDD Mode

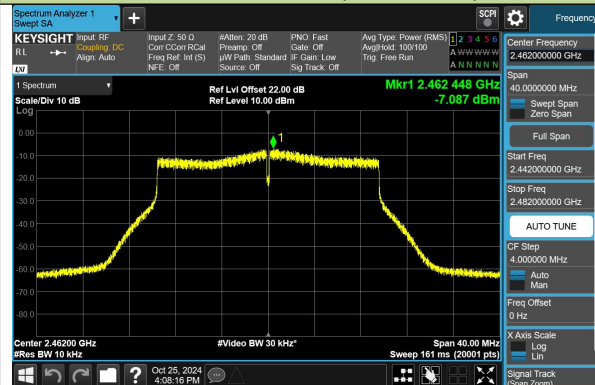
## Channel 01 (2412MHz)



## Channel 06 (2437MHz)

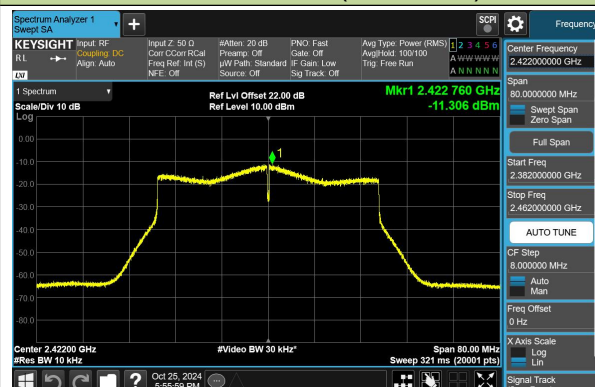


## Channel 11 (2462MHz)

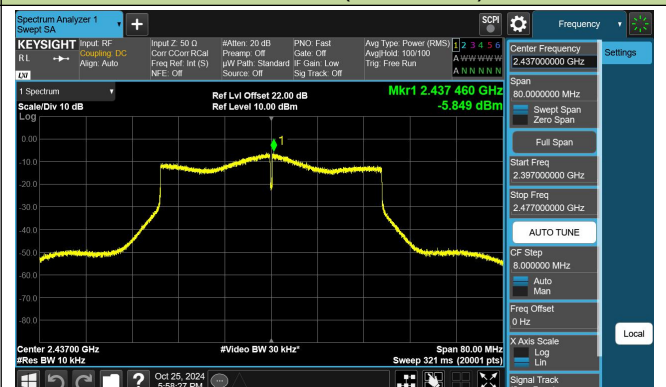


## 802.11ax-HE40 AVGPSD – Ant 1 CDD Mode

## Channel 03 (2422MHz)



## Channel 06 (2437MHz)

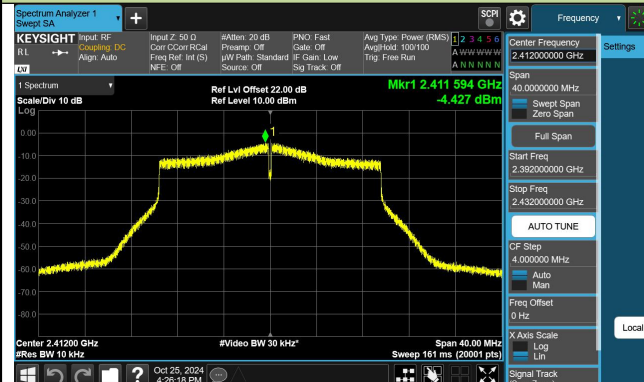


## Channel 09 (2452MHz)

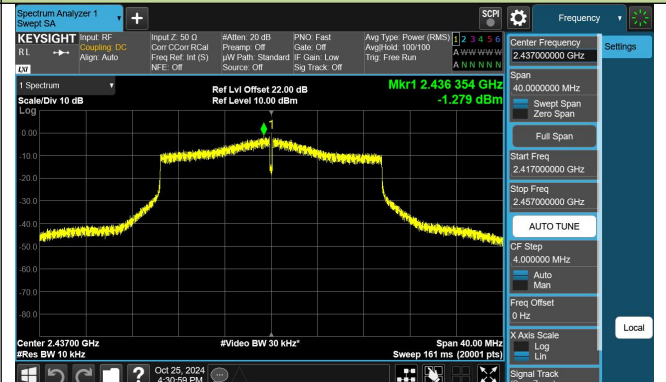


## 802.11be-EHT20 AVGPSPD – Ant 1 CDD Mode

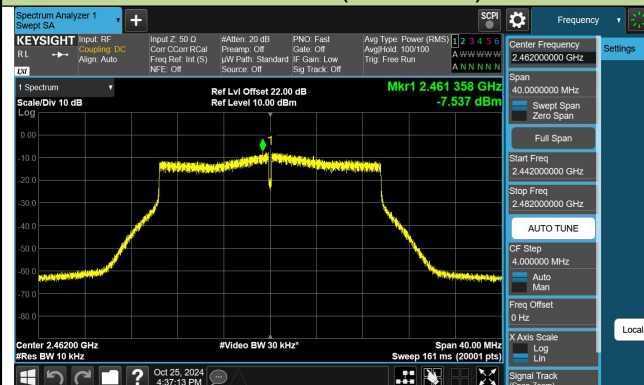
## Channel 01 (2412MHz)



## Channel 06 (2437MHz)

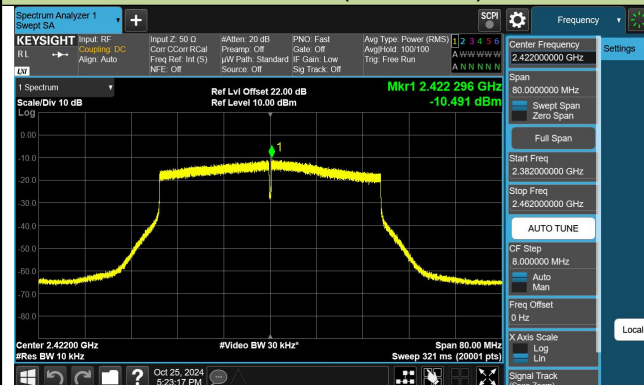


## Channel 11 (2462MHz)

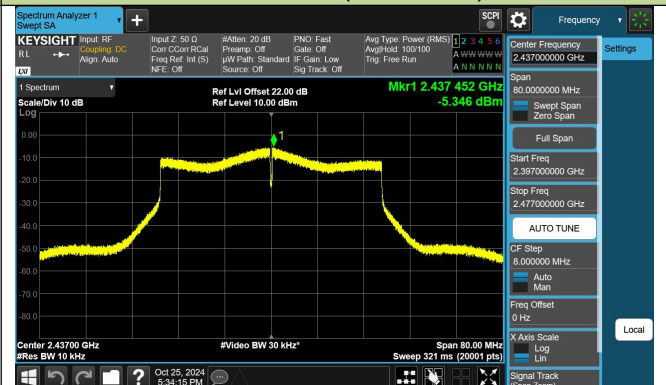


## 802.11be-EHT40 AVGPSPD – Ant 1 CDD Mode

## Channel 03 (2422MHz)



## Channel 06 (2437MHz)



## Channel 09 (2452MHz)



## **7.5. Conducted Band Edge and Out-of-Band Emissions**

### **7.5.1. Test Limit**

The limit for out-of-band spurious emissions at the band edge is 30dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

### **7.5.2. Test Procedure Used**

ANSI C63.10 - 2013 Section 11.11

### **7.5.3. Test Setting**

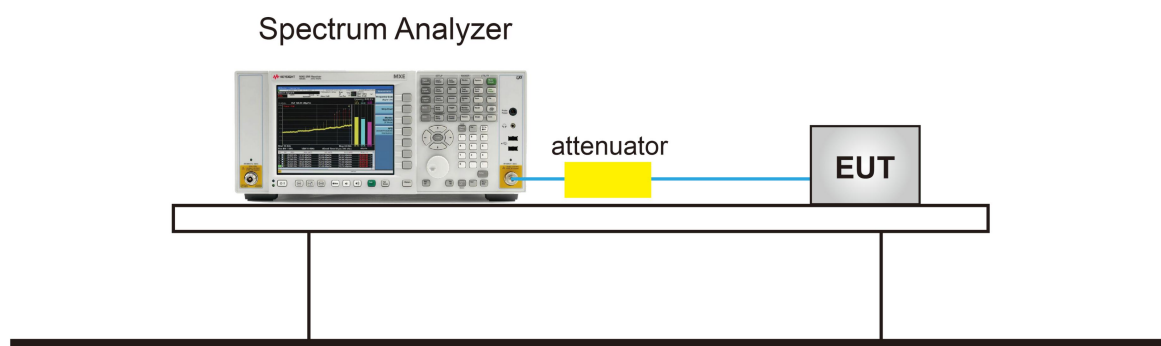
#### **Reference level measurement**

1. Set instrument center frequency to DTS channel center frequency
2. Set the span to  $\geq 1.5$  times the DTS bandwidth
3. Set the RBW = 100 kHz
4. Set the VBW  $\geq 3 \times$  RBW
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Allow trace to fully stabilize

#### **Emission level measurement**

1. Set the center frequency and span to encompass frequency range to be measured
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

#### 7.5.4. Test Setup

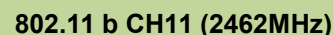
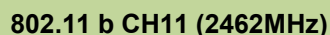
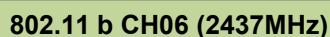
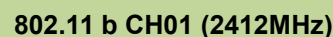


### 7.5.5. Test Result

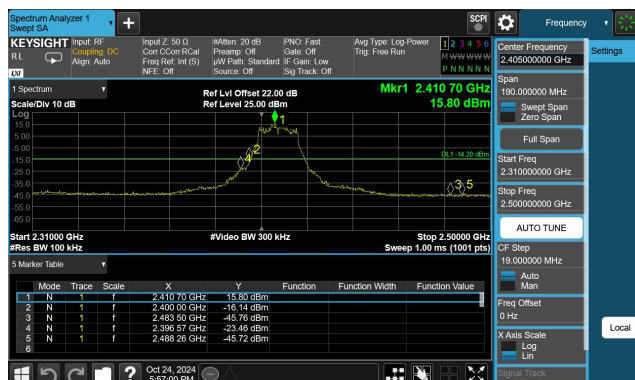
|               |                                             |                   |                       |
|---------------|---------------------------------------------|-------------------|-----------------------|
| Product       | BE11000 Indoor/Outdoor Wi-Fi 7 Access Point | Temperature       | 25°C                  |
| Test Engineer | Wen                                         | Relative Humidity | 54%                   |
| Test Site     | SR6                                         | Test Date         | 2024/10/24~2024/10/25 |

| Test Mode          | Data Rate / MCS | Channel No. | Frequency (MHz) | Limit (dBc) | Result |
|--------------------|-----------------|-------------|-----------------|-------------|--------|
| Horizontal Antenna |                 |             |                 |             |        |
| 802.11b            | 1Mbps           | 01          | 2412            | 30          | Pass   |
| 802.11b            | 1Mbps           | 06          | 2437            | 30          | Pass   |
| 802.11b            | 1Mbps           | 11          | 2462            | 30          | Pass   |
| 802.11g            | 6Mbps           | 01          | 2412            | 30          | Pass   |
| 802.11g            | 6Mbps           | 06          | 2437            | 30          | Pass   |
| 802.11g            | 6Mbps           | 11          | 2462            | 30          | Pass   |
| 802.11n-HT20       | MCS0            | 01          | 2412            | 30          | Pass   |
| 802.11n-HT20       | MCS0            | 06          | 2437            | 30          | Pass   |
| 802.11n-HT20       | MCS0            | 11          | 2462            | 30          | Pass   |
| 802.11n-HT40       | MCS0            | 03          | 2422            | 30          | Pass   |
| 802.11n-HT40       | MCS0            | 06          | 2437            | 30          | Pass   |
| 802.11n-HT40       | MCS0            | 09          | 2452            | 30          | Pass   |
| 802.11ax-HE20      | MCS0            | 01          | 2412            | 30          | Pass   |
| 802.11ax-HE20      | MCS0            | 06          | 2437            | 30          | Pass   |
| 802.11ax-HE20      | MCS0            | 11          | 2462            | 30          | Pass   |
| 802.11ax-HE40      | MCS0            | 03          | 2422            | 30          | Pass   |
| 802.11ax-HE40      | MCS0            | 06          | 2437            | 30          | Pass   |
| 802.11ax-HE40      | MCS0            | 09          | 2452            | 30          | Pass   |
| 802.11be-EHT20     | MCS0            | 01          | 2412            | 30          | Pass   |
| 802.11be-EHT20     | MCS0            | 06          | 2437            | 30          | Pass   |
| 802.11be-EHT20     | MCS0            | 11          | 2462            | 30          | Pass   |
| 802.11be-EHT40     | MCS0            | 03          | 2422            | 30          | Pass   |
| 802.11be-EHT40     | MCS0            | 06          | 2437            | 30          | Pass   |
| 802.11be-EHT40     | MCS0            | 09          | 2452            | 30          | Pass   |

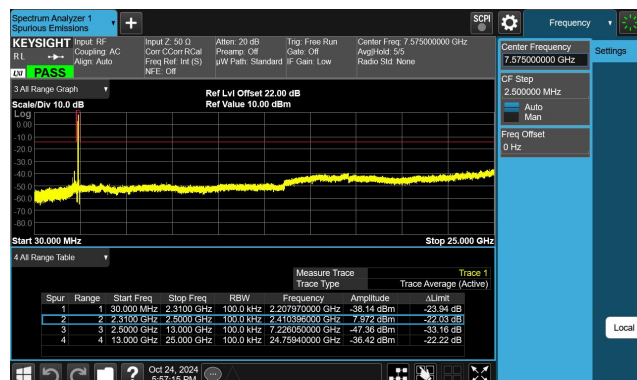
## 802.11 b CH01 (2412MHz)



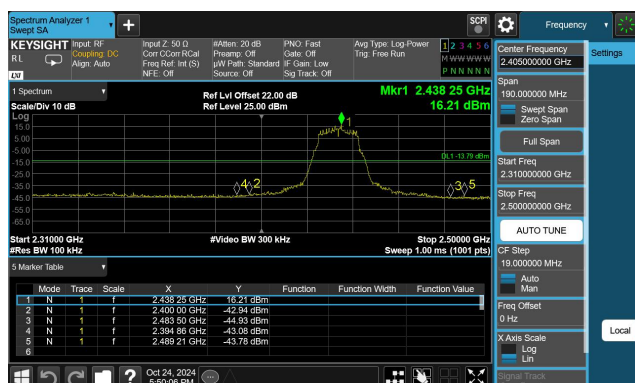
### 802.11 g CH01 (2412MHz)



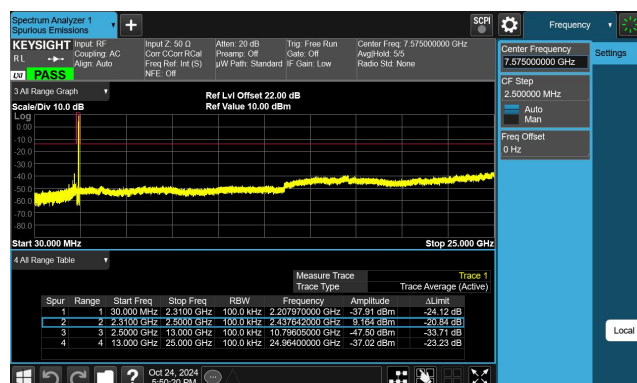
### 802.11 g CH01 (2412MHz)



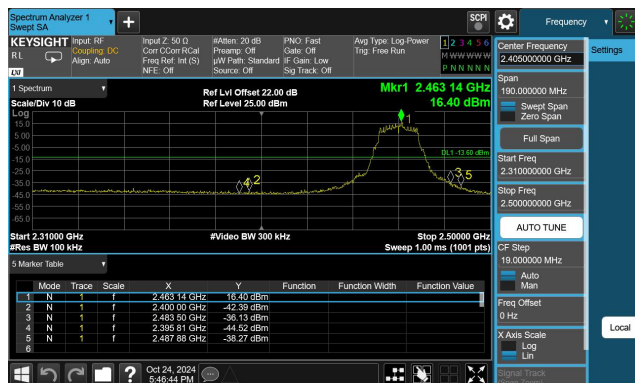
### 802.11 g CH06 (2437MHz)



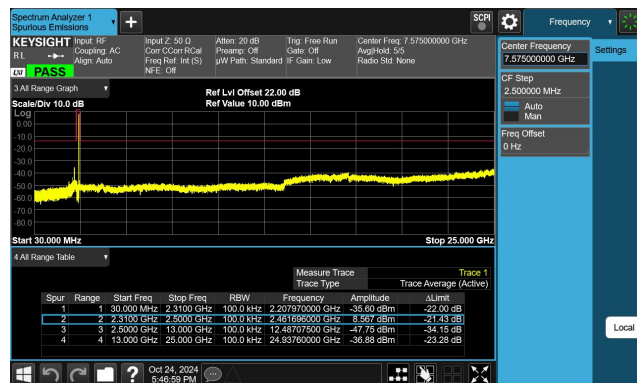
### 802.11 g CH06 (2437MHz)



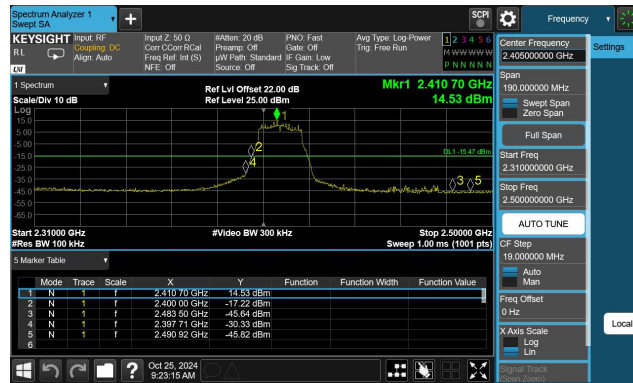
### 802.11 g CH11 (2462MHz)



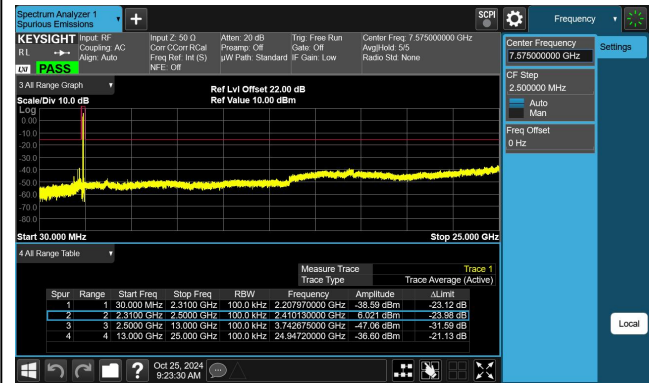
### 802.11 g CH11 (2462MHz)



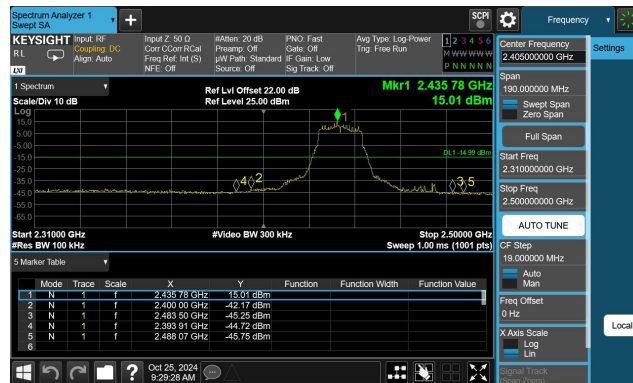
## 802.11 n20 CH01 (2412MHz)



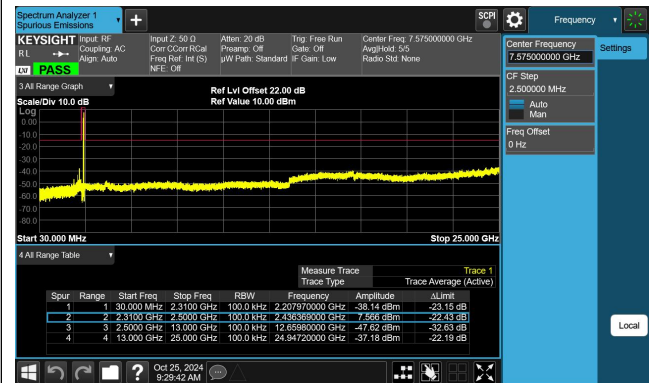
## 802.11 n20 CH01 (2412MHz)



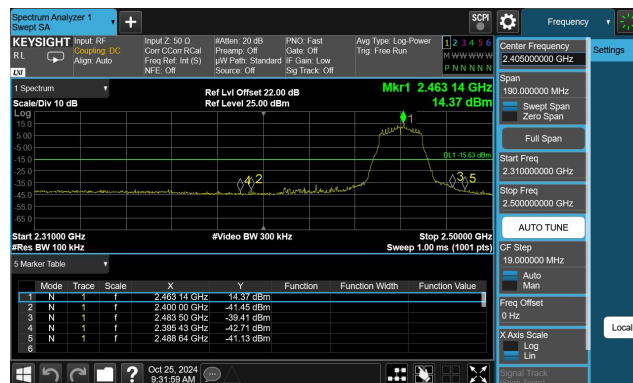
## 802.11 n20 CH06 (2437MHz)



## 802.11 n20 CH06 (2437MHz)



## 802.11 n20 CH11 (2462MHz)



## 802.11 n20 CH11 (2462MHz)

