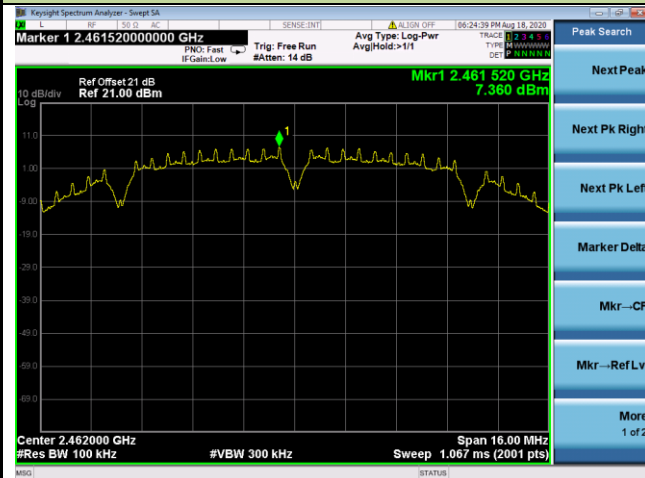


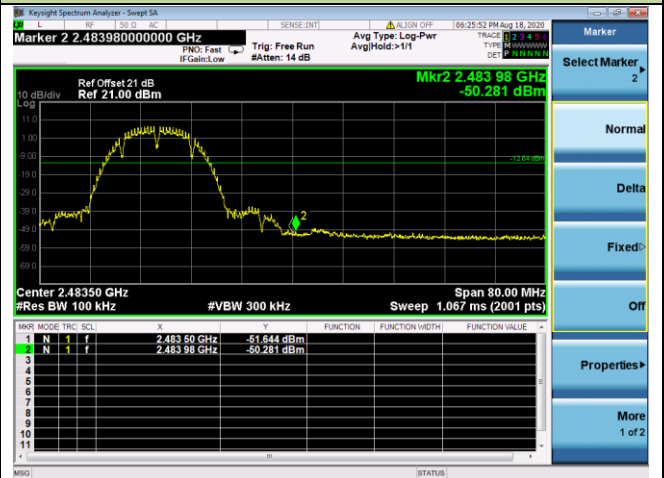
## 802.11b Out-of-Band Emissions - Ant 0 / Ant 0 + 1

### Channel 11 (2462MHz)

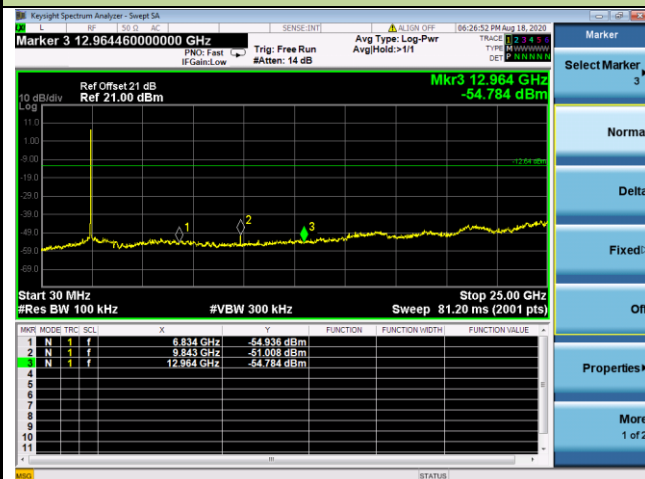
#### 100kHz PSD reference Level



#### High Band Edge



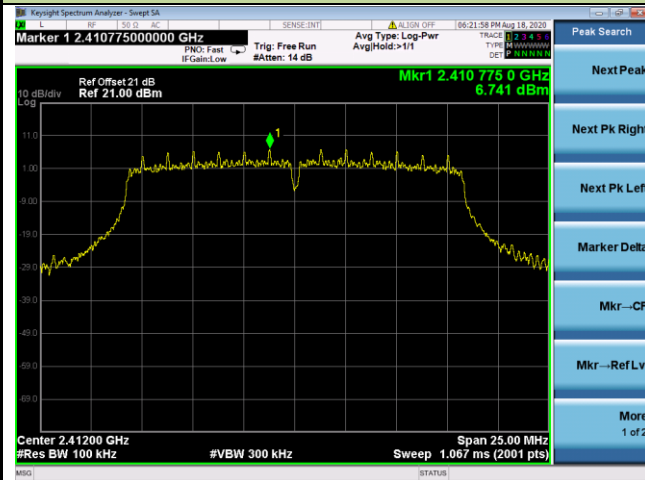
#### Spurious Emission



## 802.11g Out-of-Band Emissions - Ant 0 / Ant 0 + 1

### Channel 01 (2412MHz)

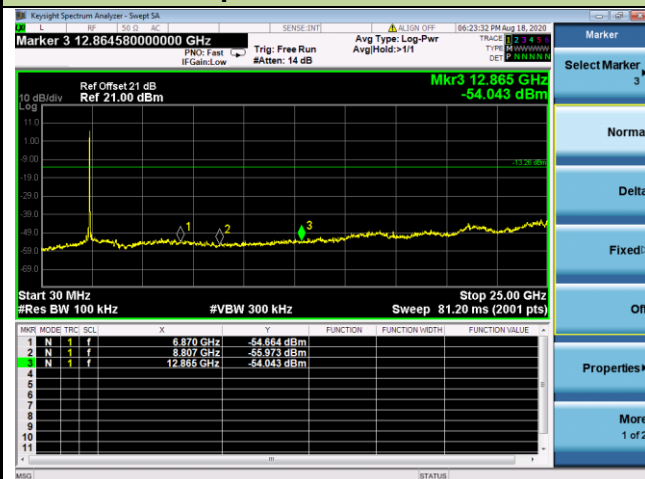
#### 100kHz PSD reference Level



#### Low Band Edge

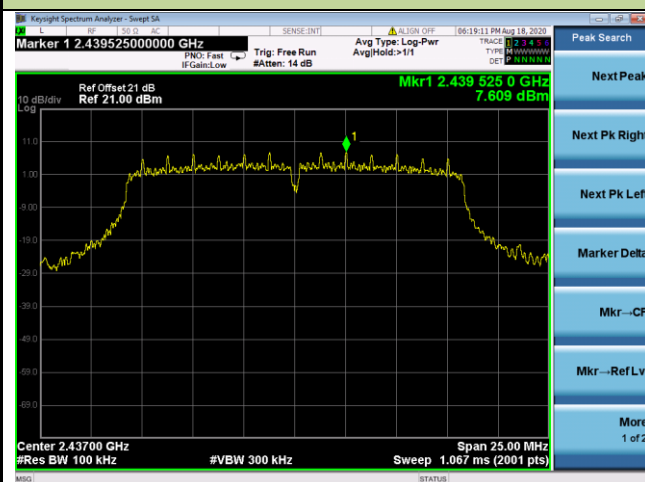


#### Spurious Emission

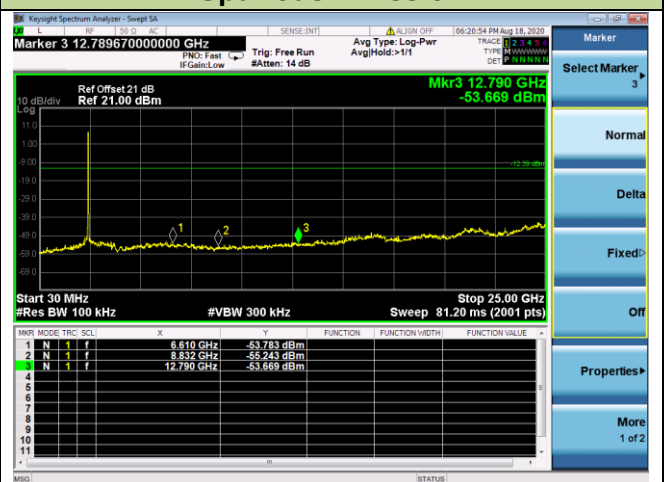


### Channel 06 (2437MHz)

#### 100kHz PSD reference Level



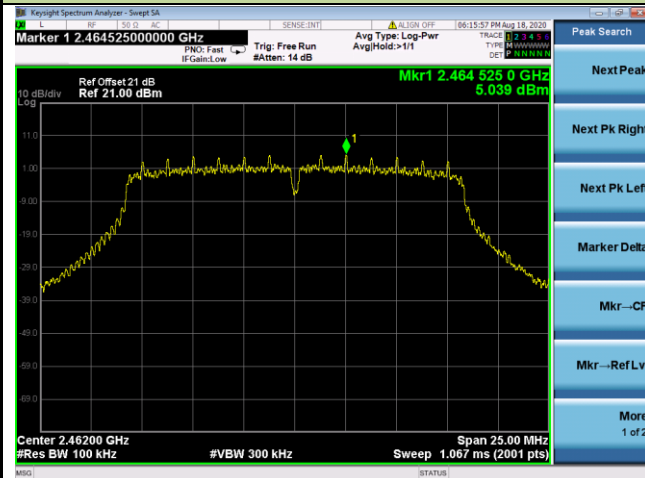
#### Spurious Emission



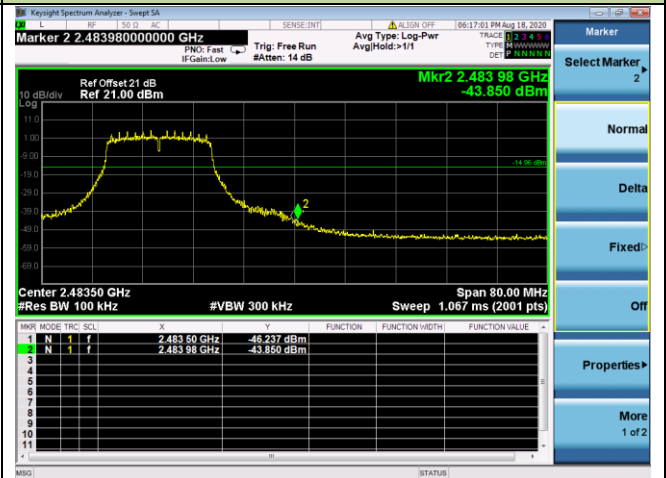
## 802.11g Out-of-Band Emissions - Ant 0 / Ant 0 + 1

### Channel 11 (2462MHz)

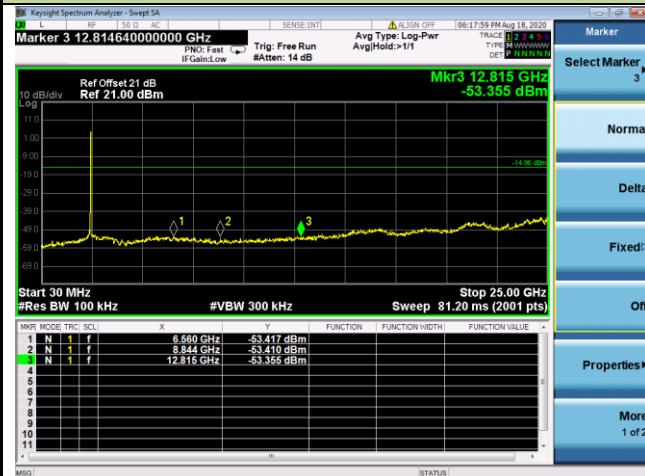
#### 100kHz PSD reference Level



#### High Band Edge



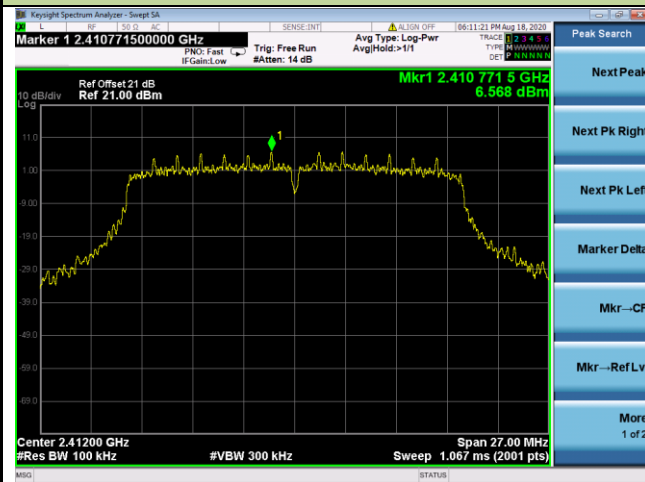
#### Spurious Emission



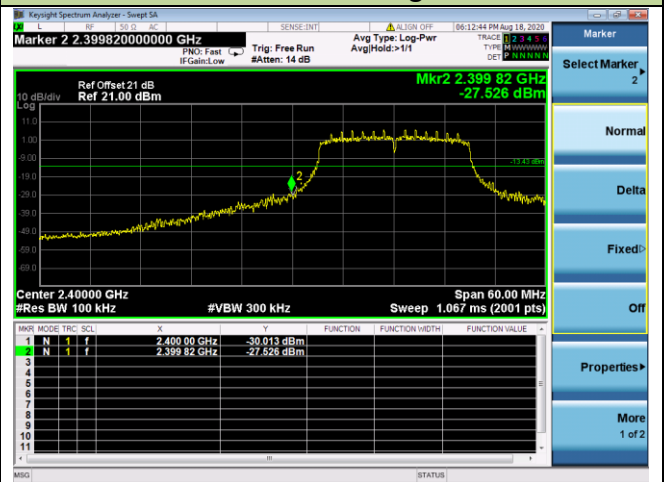
## 802.11n-HT20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

### Channel 01 (2412MHz)

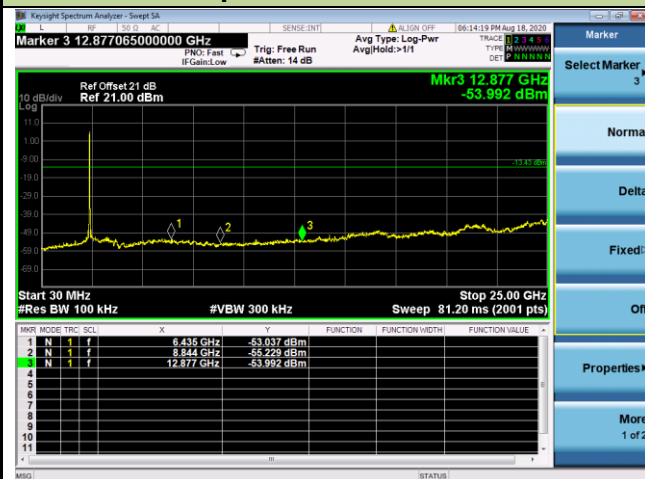
#### 100kHz PSD reference Level



#### Low Band Edge

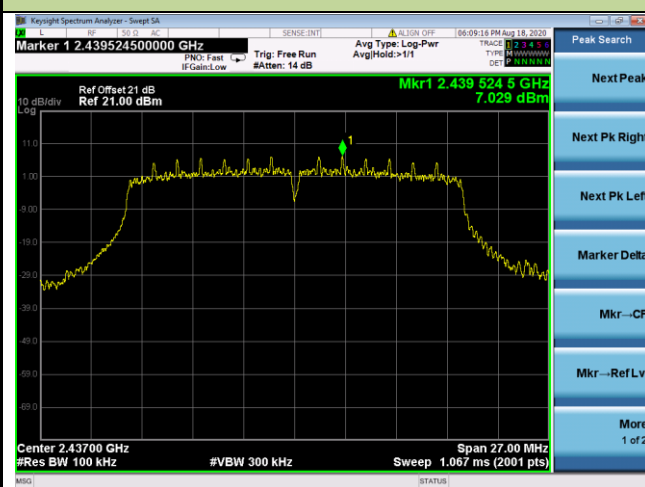


#### Spurious Emission

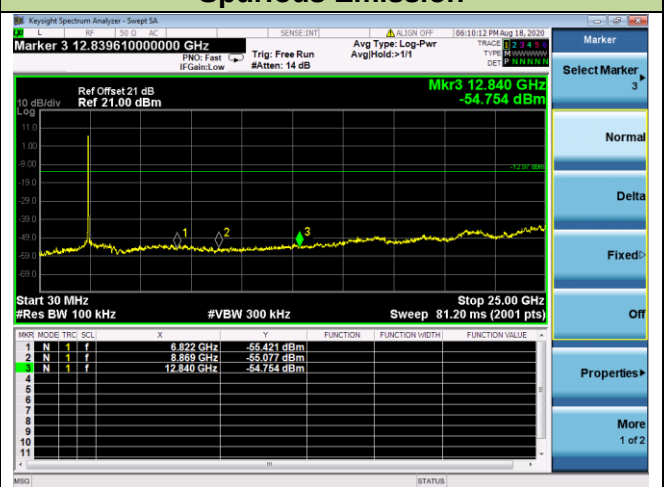


### Channel 06 (2437MHz)

#### 100kHz PSD reference Level



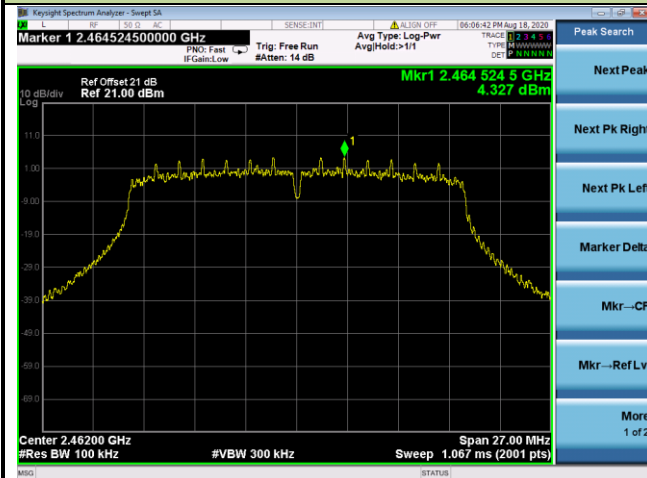
#### Spurious Emission



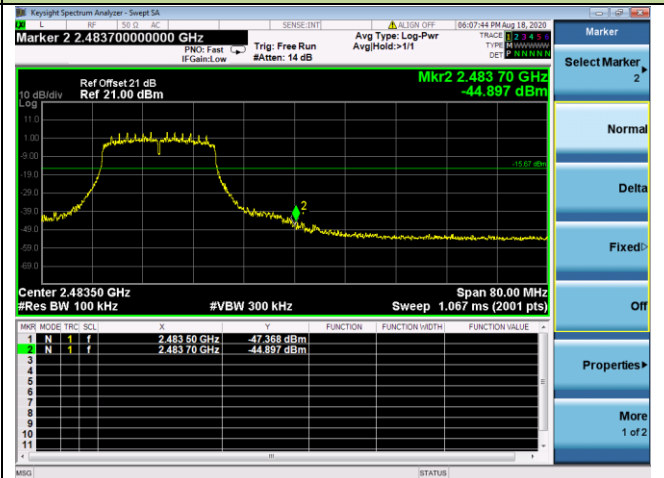
## 802.11n-HT20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

### Channel 11 (2462MHz)

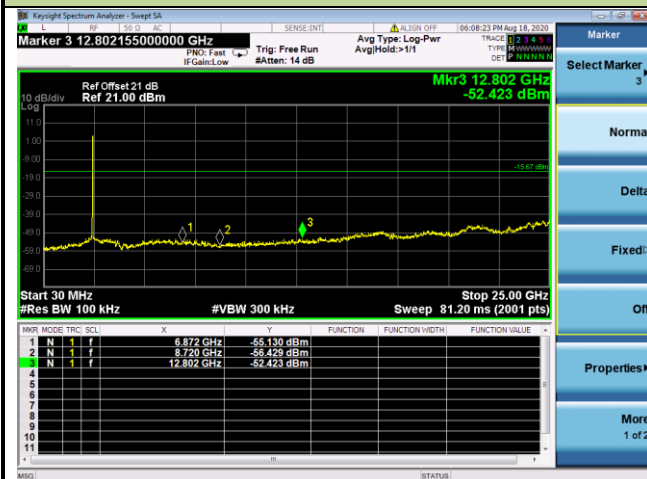
#### 100kHz PSD reference Level



#### High Band Edge



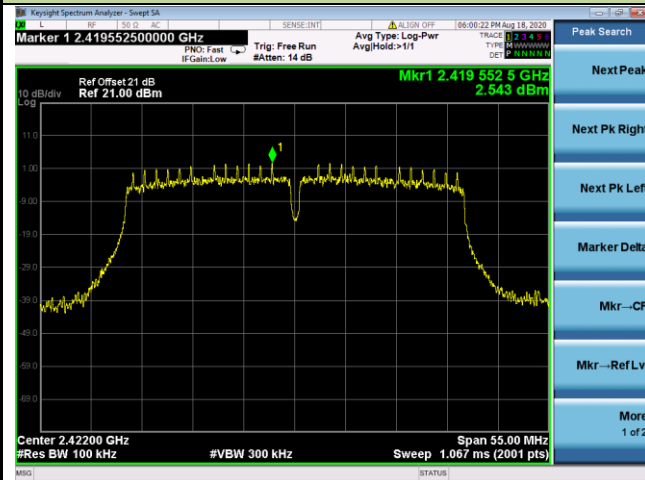
#### Spurious Emission



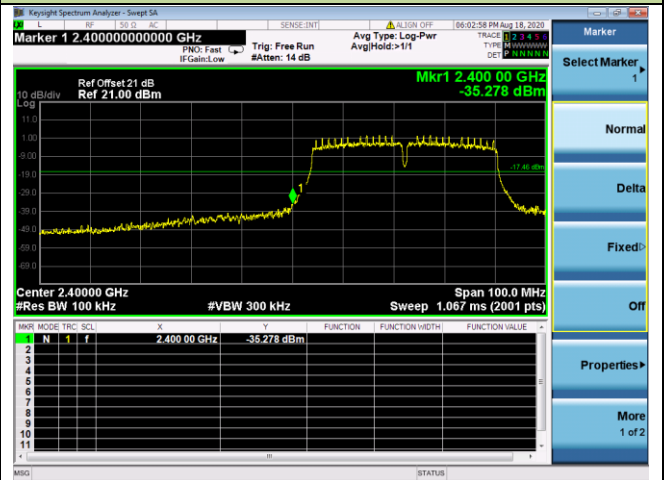
## 802.11n-HT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

### Channel 03 (2422MHz)

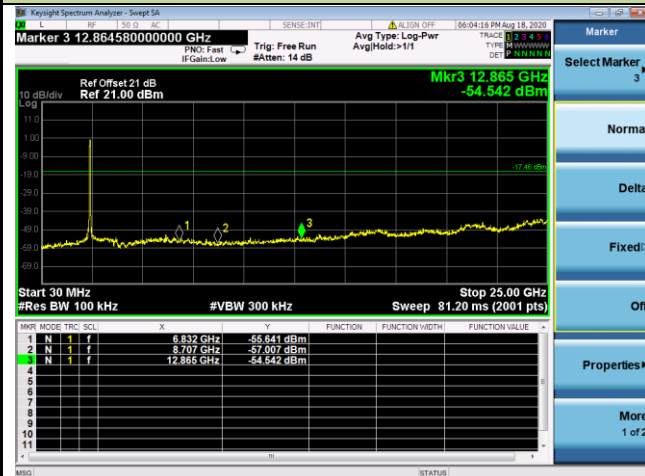
#### 100kHz PSD reference Level



#### Low Band Edge

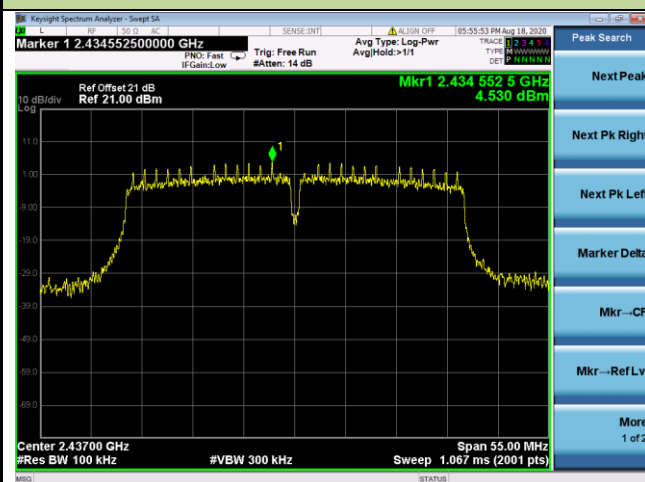


#### Spurious Emission

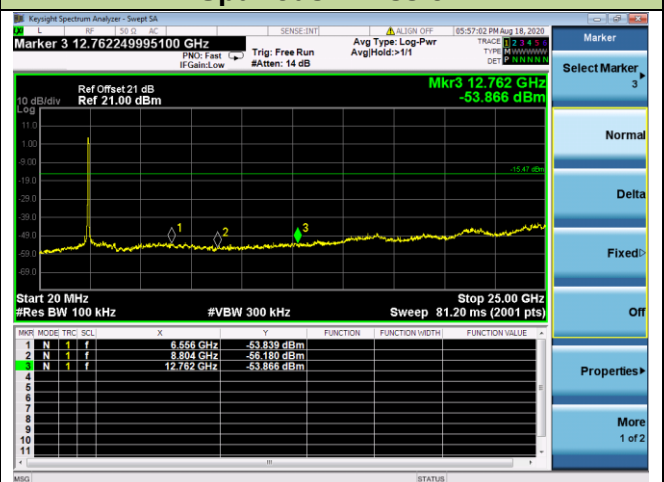


### Channel 06 (2437MHz)

#### 100kHz PSD reference Level



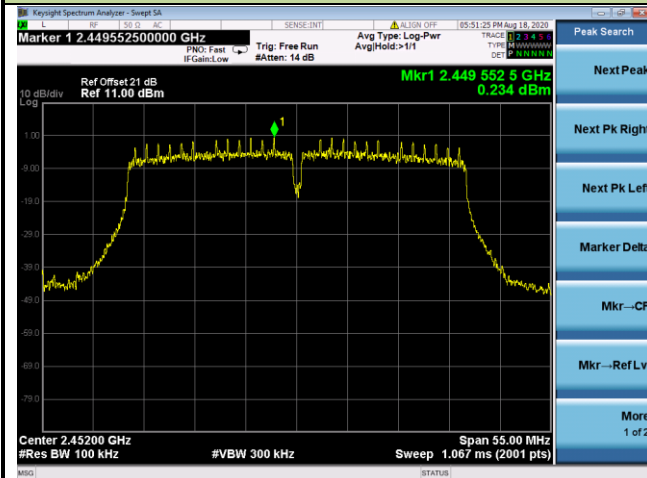
#### Spurious Emission



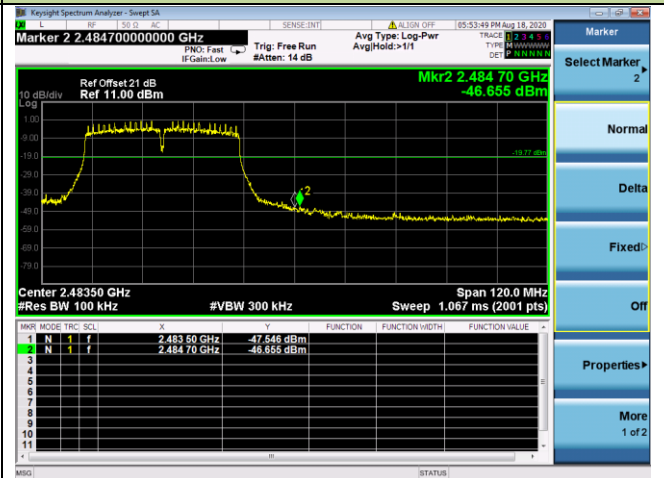
## 802.11n-HT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

### Channel 09 (2452MHz)

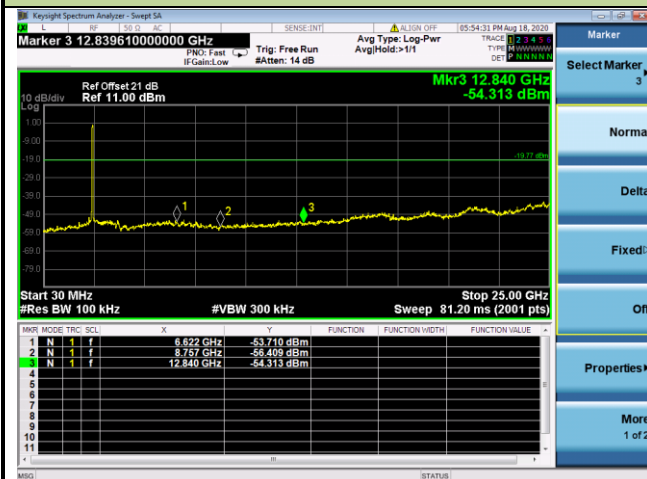
#### 100kHz PSD reference Level



#### High Band Edge



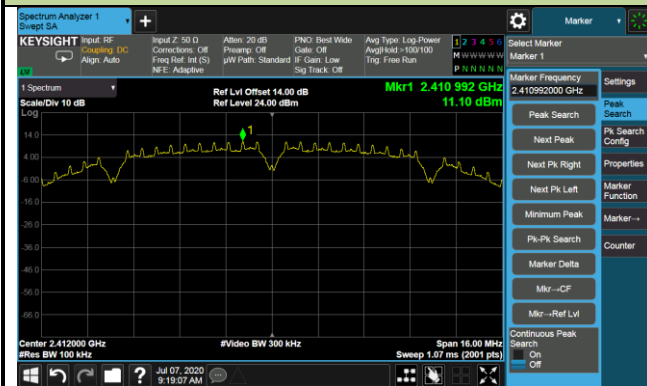
#### Spurious Emission



## 802.11b Out-of-Band Emissions - Ant 1 / Ant 0 + 1

### Channel 01 (2412MHz)

#### 100kHz PSD reference Level



#### Low Band Edge



#### Spurious Emission



### Channel 06 (2437MHz)

#### 100kHz PSD reference Level



#### Spurious Emission



## 802.11b Out-of-Band Emissions - Ant 1 / Ant 0 + 1

### Channel 11 (2462MHz)

#### 100kHz PSD reference Level



#### High Band Edge



#### Spurious Emission



## 802.11g Out-of-Band Emissions - Ant 1 / Ant 0 + 1

### Channel 01 (2412MHz)

#### 100kHz PSD reference Level



#### Low Band Edge



#### Spurious Emission



### Channel 06 (2437MHz)

#### 100kHz PSD reference Level



#### Spurious Emission



## 802.11g Out-of-Band Emissions - Ant 1 / Ant 0 + 1

### Channel 11 (2462MHz)

#### 100kHz PSD reference Level



#### High Band Edge



#### Spurious Emission



## 802.11n-HT20 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

### Channel 01 (2412MHz)

#### 100kHz PSD reference Level



#### Low Band Edge



#### Spurious Emission



### Channel 06 (2437MHz)

#### 100kHz PSD reference Level



#### Spurious Emission



## 802.11n-HT20 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

### Channel 11 (2462MHz)

#### 100kHz PSD reference Level



#### High Band Edge



#### Spurious Emission



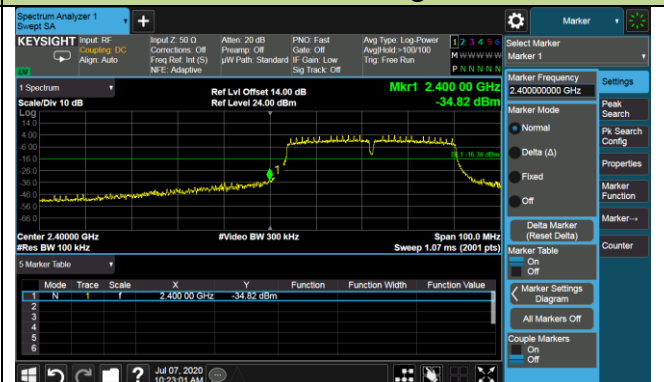
## 802.11n-HT40 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

### Channel 03 (2422MHz)

#### 100kHz PSD reference Level



#### Low Band Edge



#### Spurious Emission



### Channel 06 (2437MHz)

#### 100kHz PSD reference Level



#### Spurious Emission



## 802.11n-HT40 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

### Channel 09 (2452MHz)

#### 100kHz PSD reference Level



#### High Band Edge



#### Spurious Emission



## 6.6. Radiated Spurious Emission Measurement

### 6.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

| FCC Part 15 Subpart C Paragraph 15.209 & RSS-Gen Section 8.9 |                          |                               |
|--------------------------------------------------------------|--------------------------|-------------------------------|
| Frequency<br>[MHz]                                           | Field Strength<br>[uV/m] | Measured Distance<br>[Meters] |
| 0.009 - 0.490                                                | 2400/F (kHz)             | 300                           |
| 0.490 - 1.705                                                | 24000/F (kHz)            | 30                            |
| 1.705 - 30                                                   | 30                       | 30                            |
| 30 - 88                                                      | 100                      | 3                             |
| 88 - 216                                                     | 150                      | 3                             |
| 216 - 960                                                    | 200                      | 3                             |
| Above 960                                                    | 500                      | 3                             |

### 6.6.2. Test Procedure Used

ANSI C63.10 -2013 Section 6.3 (General Requirements)

ANSI C63.10 -2013 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 -2013 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 -2013 Section 6.6 (Standard test method above 1GHz)

### 6.6.3. Test Setting

**Table 1 - RBW as a function of frequency**

| Frequency     | RBW           |
|---------------|---------------|
| 9 ~ 150 kHz   | 200 ~ 300 Hz  |
| 0.15 ~ 30 MHz | 9 ~ 10 kHz    |
| 30 ~ 1000 MHz | 100 ~ 120 kHz |
| > 1000MHz     | 1MHz          |