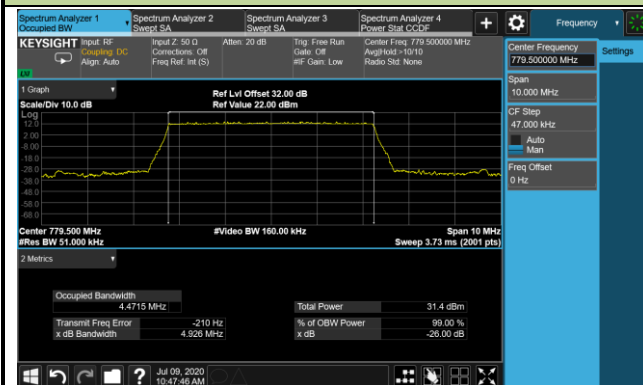
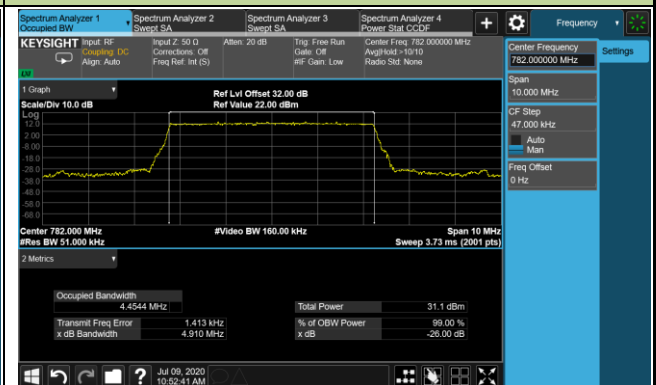


## LTE Band 13 99% & 26dB Occupied Bandwidth

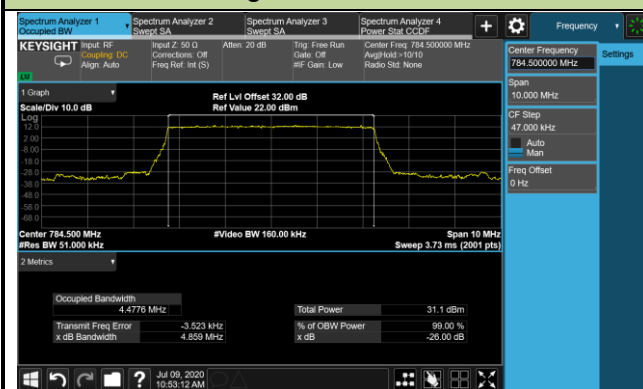
### Low CH. / 5MHz



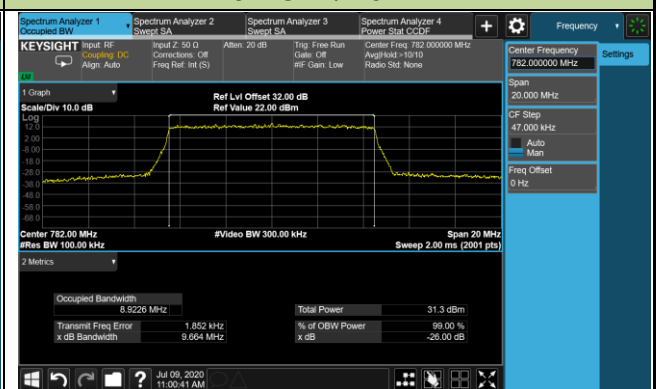
### Mid CH. / 5MHz



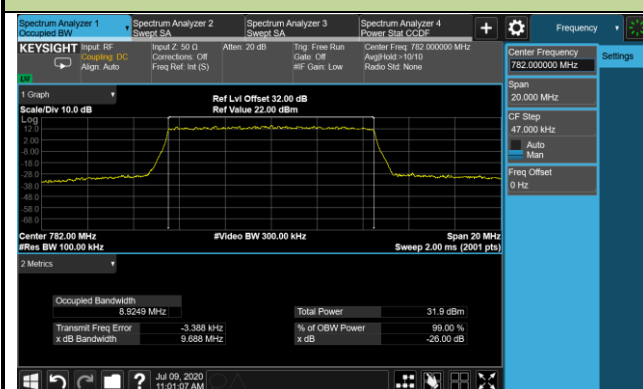
### High CH. / 5MHz



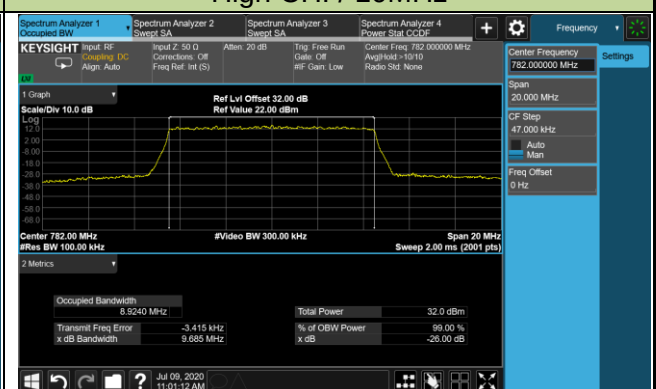
### Low CH. / 10MHz



### Mid CH. / 10MHz



### High CH. / 10MHz

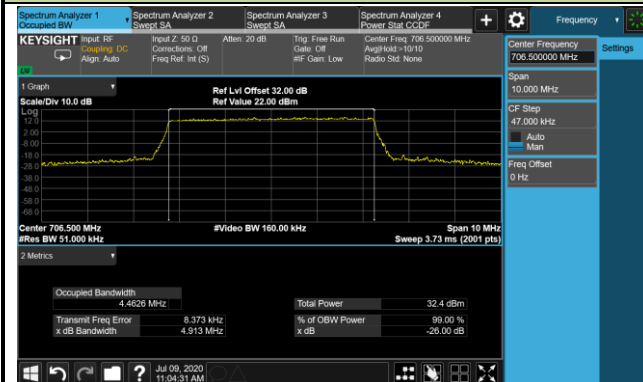


|               |           |           |            |
|---------------|-----------|-----------|------------|
| Product       | Tablet    | Test Site | SR5        |
| Test Engineer | Candy Luo | Test Date | 2020/07/09 |
| Test Band     | Band 17   |           |            |

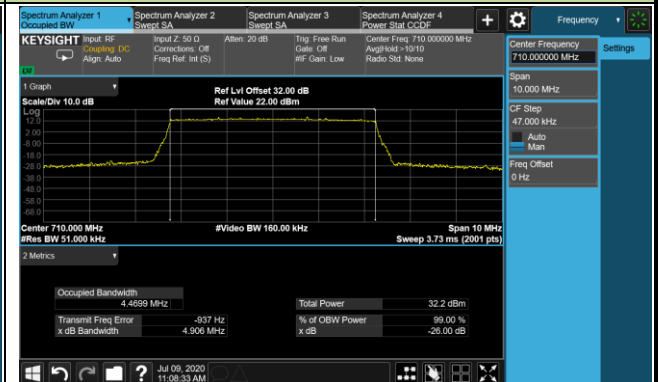
| Frequency<br>(MHz) | Bandwidth<br>(MHz) | 99% Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) |
|--------------------|--------------------|------------------------|-------------------------|
| Lowest Channel     |                    |                        |                         |
| 706.5              | 5                  | 4.46                   | 4.91                    |
| 709                | 10                 | 8.90                   | 9.63                    |
| Middle Channel     |                    |                        |                         |
| 710                | 5                  | 4.47                   | 4.91                    |
| 710                | 10                 | 8.92                   | 9.67                    |
| High Channel       |                    |                        |                         |
| 713.5              | 5                  | 4.49                   | 4.94                    |
| 711                | 10                 | 8.92                   | 9.56                    |

## LTE Band 17 99% & 26dB Occupied Bandwidth

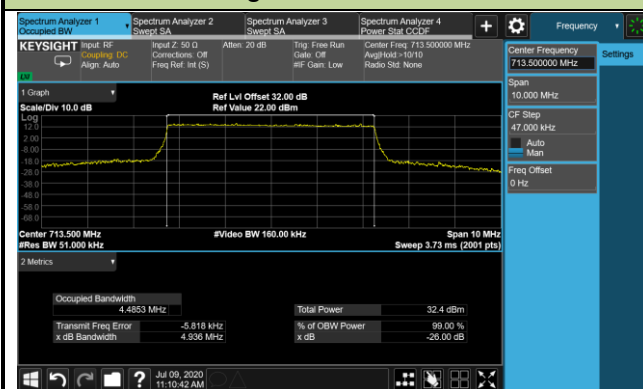
### Low CH. / 5MHz



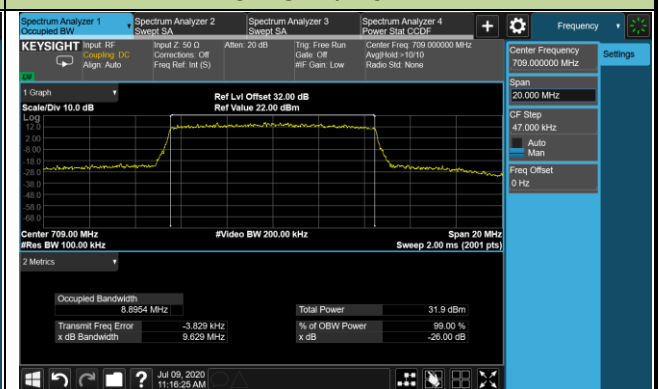
### Mid CH. / 5MHz



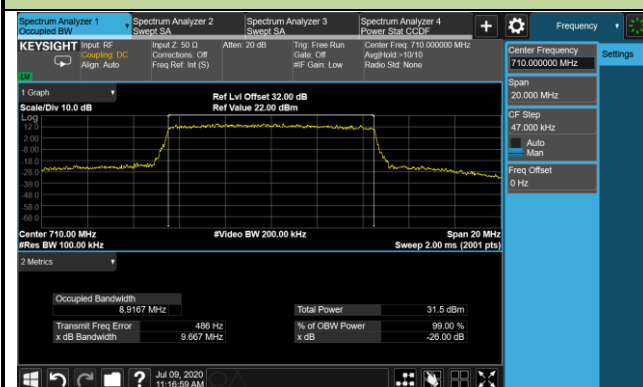
### High CH. / 5MHz



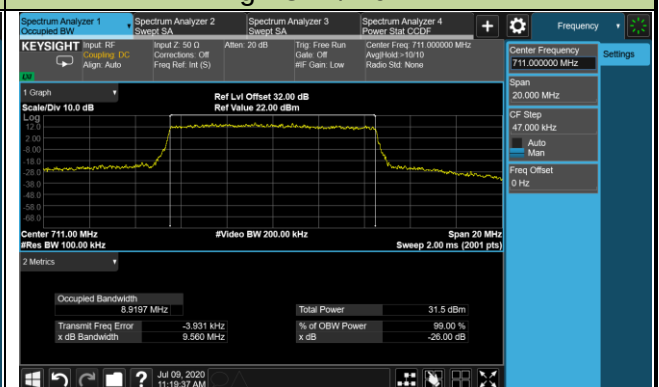
### Low CH. / 10MHz



### Mid CH. / 10MHz



### High CH. / 10MHz

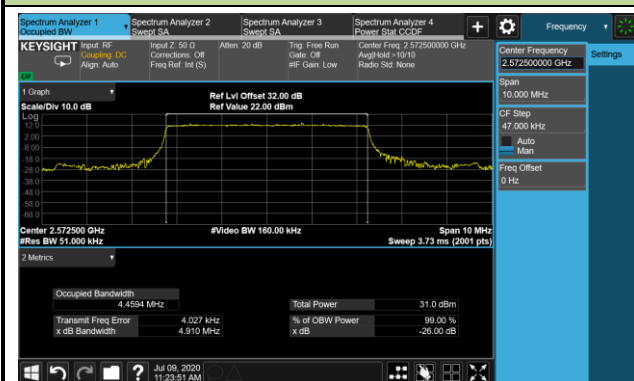


|               |           |           |            |
|---------------|-----------|-----------|------------|
| Product       | Tablet    | Test Site | SR5        |
| Test Engineer | Candy Luo | Test Date | 2020/07/09 |
| Test Band     | Band 38   |           |            |

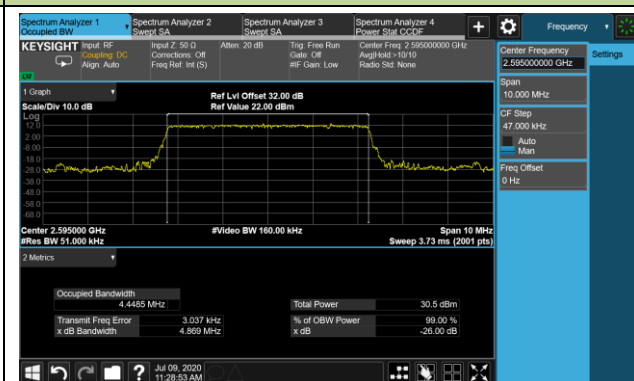
| Frequency<br>(MHz) | Bandwidth<br>(MHz) | 99% Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) |
|--------------------|--------------------|------------------------|-------------------------|
| Lowest Channel     |                    |                        |                         |
| 2572.5             | 5                  | 4.46                   | 4.91                    |
| 2575               | 10                 | 8.93                   | 9.66                    |
| 2577.5             | 15                 | 13.40                  | 14.98                   |
| 2580               | 20                 | 17.82                  | 19.15                   |
| Middle Channel     |                    |                        |                         |
| 2595               | 5                  | 4.45                   | 4.87                    |
| 2595               | 10                 | 8.93                   | 10.01                   |
| 2595               | 15                 | 13.41                  | 14.54                   |
| 2595               | 20                 | 17.79                  | 18.85                   |
| High Channel       |                    |                        |                         |
| 2617.5             | 5                  | 4.47                   | 4.82                    |
| 2615.0             | 10                 | 8.94                   | 10.29                   |
| 2612.5             | 15                 | 13.37                  | 14.68                   |
| 2610.0             | 20                 | 17.82                  | 19.02                   |

## LTE Band 38 99% & 26dB Occupied Bandwidth

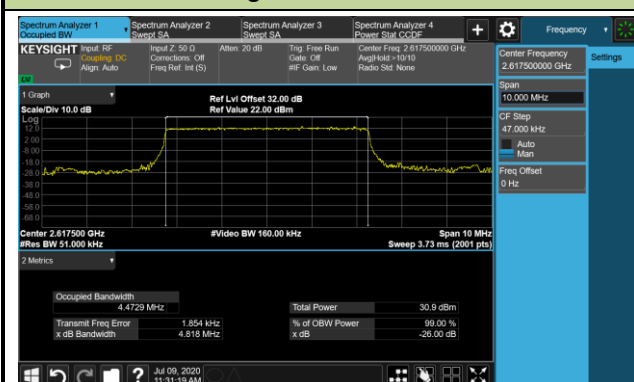
### Low CH. / 5MHz



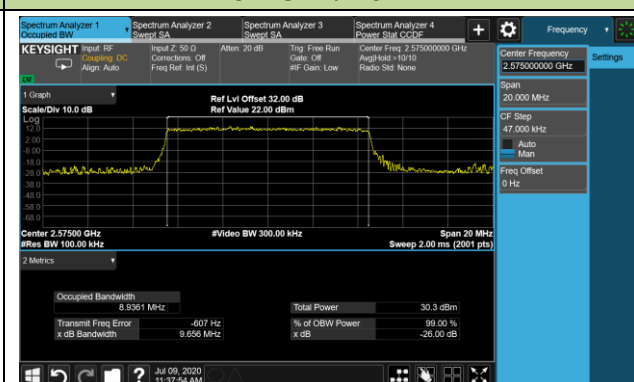
### Mid CH. / 5MHz



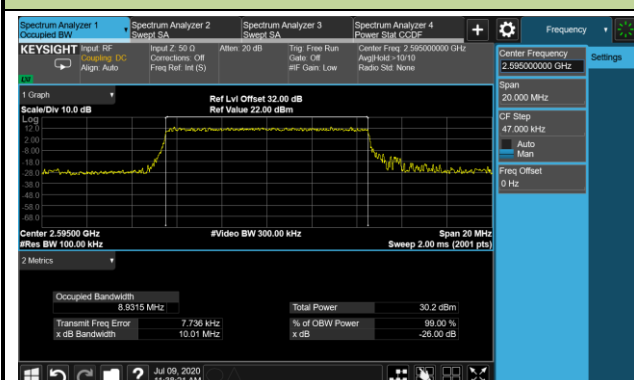
### High CH. / 5MHz



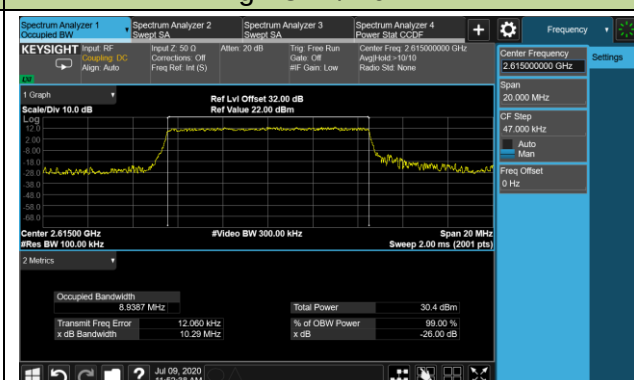
### Low CH. / 10MHz



### Mid CH. / 10MHz

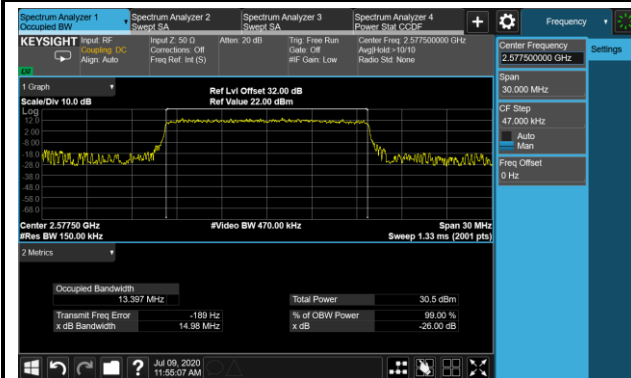


### High CH. / 10MHz

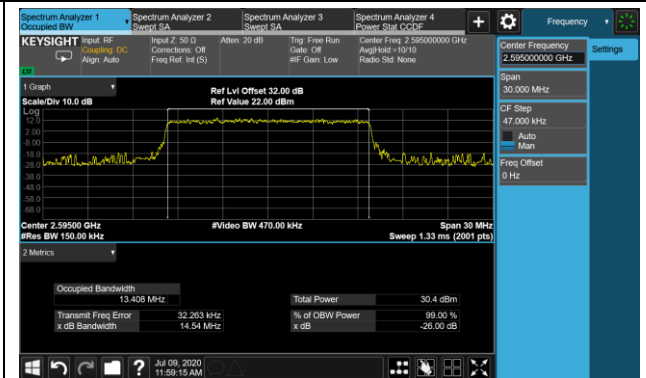


## LTE Band 38 99% & 26dB Occupied Bandwidth

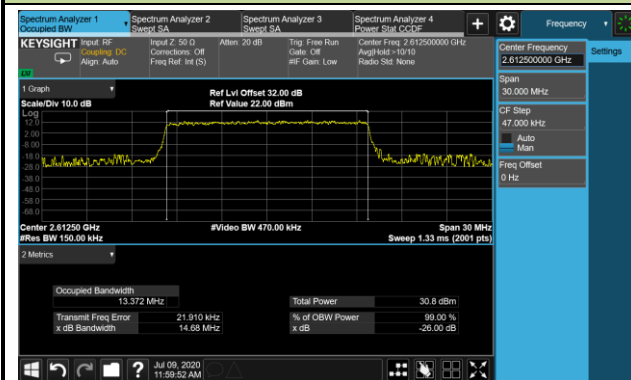
### Low CH. / 15MHz



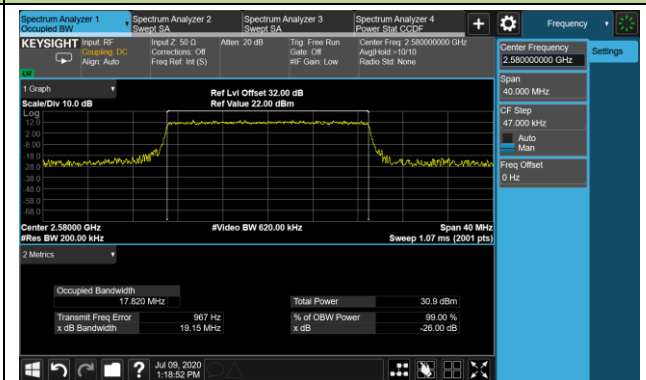
### Mid CH. / 15MHz



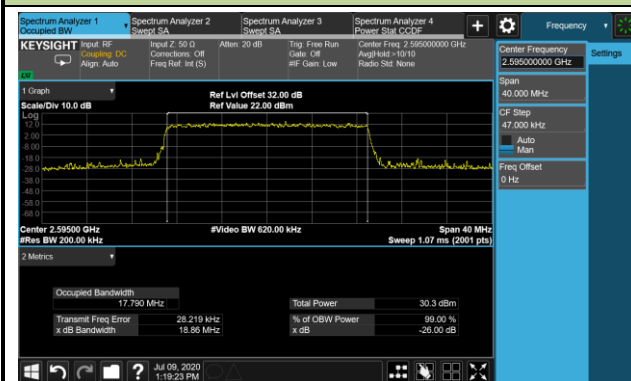
### High CH. / 15MHz



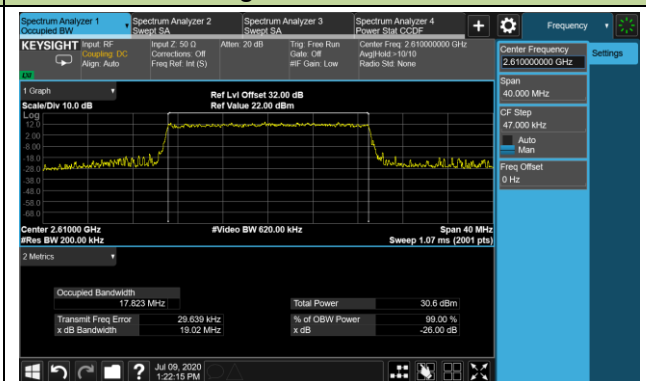
### Low CH. / 20MHz



### Mid CH. / 20MHz



### High CH. / 20MHz

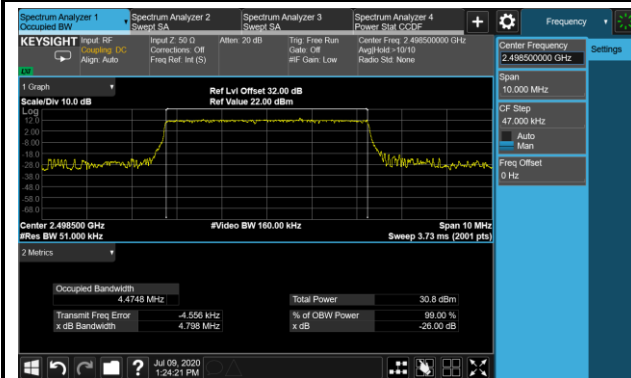


|               |           |           |            |
|---------------|-----------|-----------|------------|
| Product       | Tablet    | Test Site | SR5        |
| Test Engineer | Candy Luo | Test Date | 2020/07/09 |
| Test Band     | Band 41   |           |            |

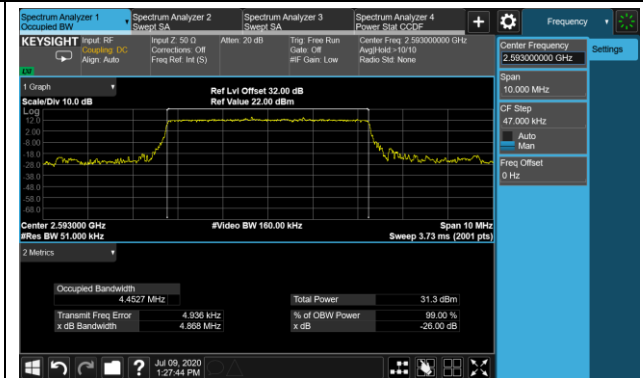
| Frequency<br>(MHz) | Bandwidth<br>(MHz) | 99% Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) |
|--------------------|--------------------|------------------------|-------------------------|
| Lowest Channel     |                    |                        |                         |
| 2498.5             | 5                  | 4.47                   | 4.80                    |
| 2501               | 10                 | 8.94                   | 9.84                    |
| 2503.5             | 15                 | 13.41                  | 14.74                   |
| 2506               | 20                 | 17.83                  | 19.17                   |
| Middle Channel     |                    |                        |                         |
| 2593               | 5                  | 4.45                   | 4.87                    |
| 2593               | 10                 | 8.94                   | 10.18                   |
| 2593               | 15                 | 13.39                  | 14.82                   |
| 2593               | 20                 | 17.81                  | 19.05                   |
| High Channel       |                    |                        |                         |
| 2687.5             | 5                  | 4.45                   | 4.89                    |
| 2685               | 10                 | 8.94                   | 9.80                    |
| 2682.5             | 15                 | 13.39                  | 14.29                   |
| 2680               | 20                 | 17.80                  | 19.35                   |

## LTE Band 41 99% & 26dB Occupied Bandwidth

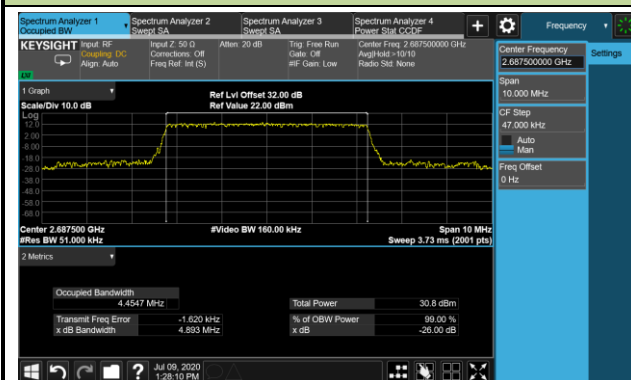
### Low CH. / 5MHz



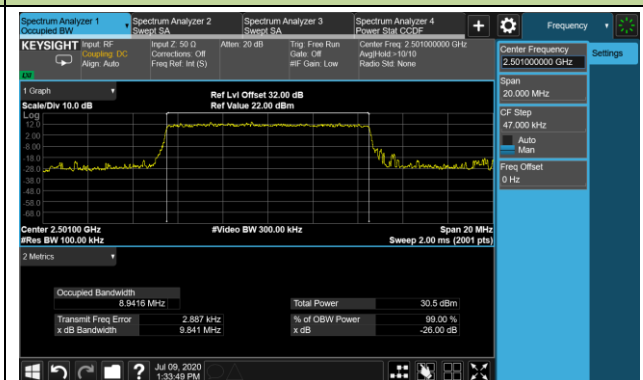
### Mid CH. / 5MHz



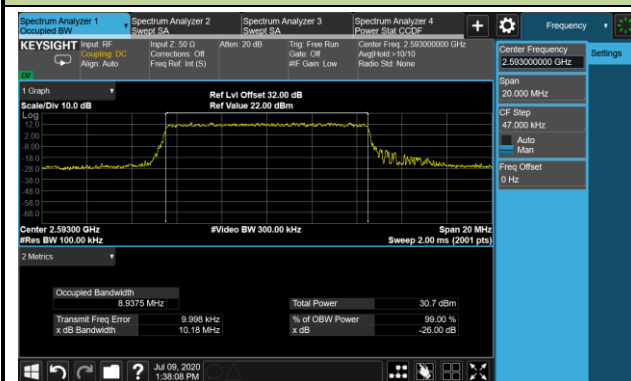
### High CH. / 5MHz



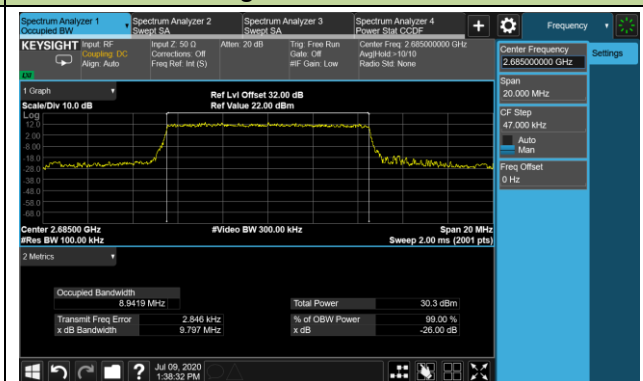
### Low CH. / 10MHz



### Mid CH. / 10MHz

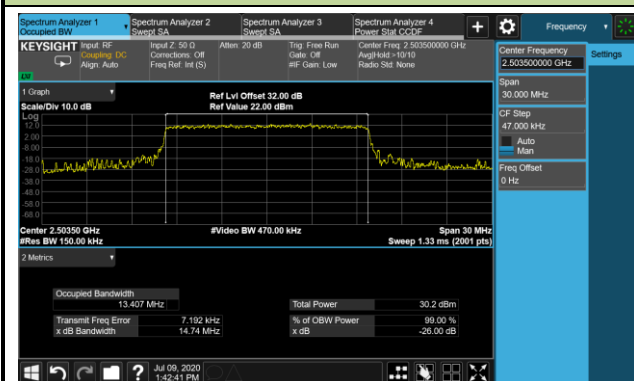


### High CH. / 10MHz

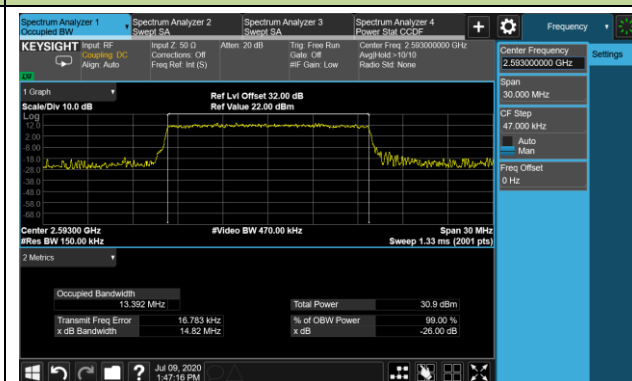


## LTE Band 41 99% & 26dB Occupied Bandwidth

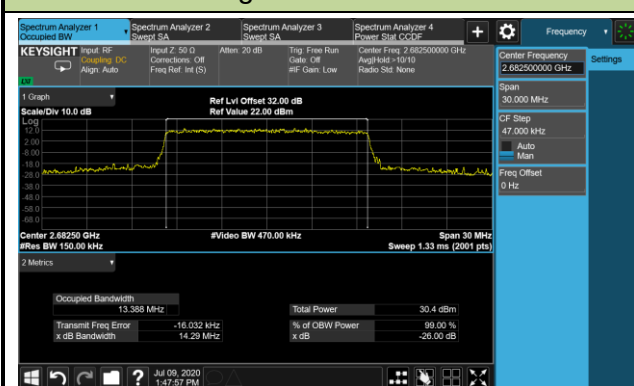
### Low CH. / 15MHz



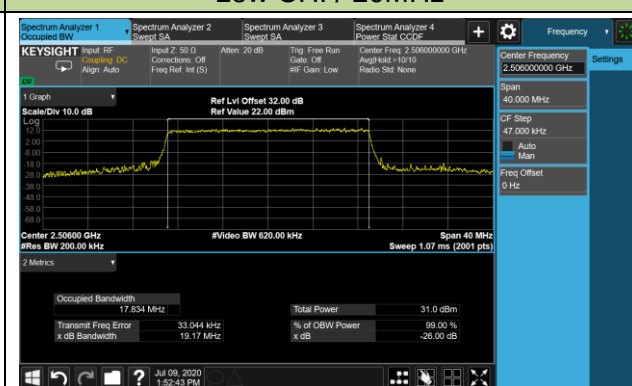
### Mid CH. / 15MHz



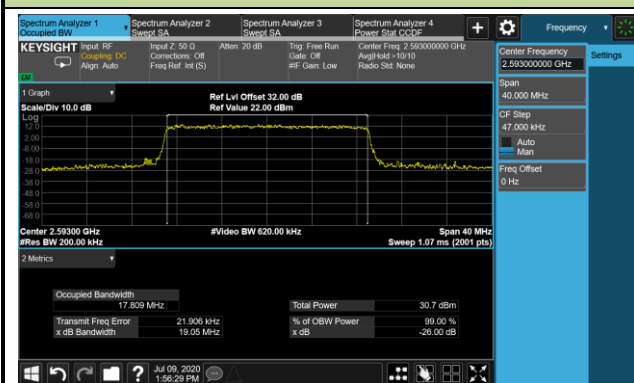
### High CH. / 15MHz



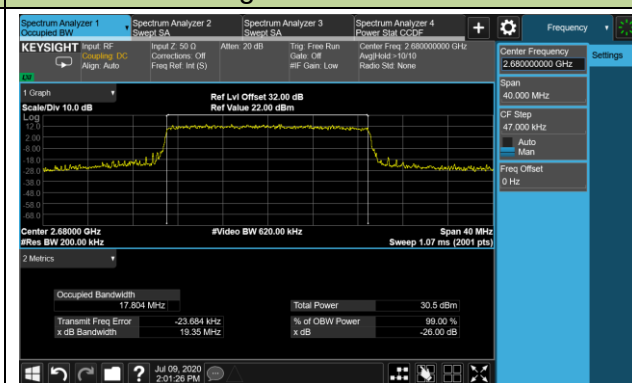
### Low CH. / 20MHz



### Mid CH. / 20MHz



### High CH. / 20MHz



### **5.3. Band Edge Emissions at Antenna Terminal**

#### **5.3.1. Test Limit**

##### **24.917 (a)**

For operations in the 824-849 band, the FCC limit is  $43 + 10\log_{10} (P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100kHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

##### **24.238 (a)**

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is  $43 + 10\log_{10} (P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

##### **27.53 (c)**

For operations in the 776-788 band, the FCC limit is  $43 + 10\log_{10} (P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100 kHz bandwidth. However, in the 100kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition the power of any 793-806 MHz shall be attenuated below the transmitter power,  $P(\text{dBW})$ , by at least  $65 + 10\log_{10} (P[\text{Watts}])$ , dB, for mobile and portable equipment.

##### **27.53 (g)**

For operations in the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power ( $P$ ) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log (P)\text{dB}$ . Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

**27.53 (h)**

For operations in the 1710 - 1755 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

**27.53(m)(4)**

For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

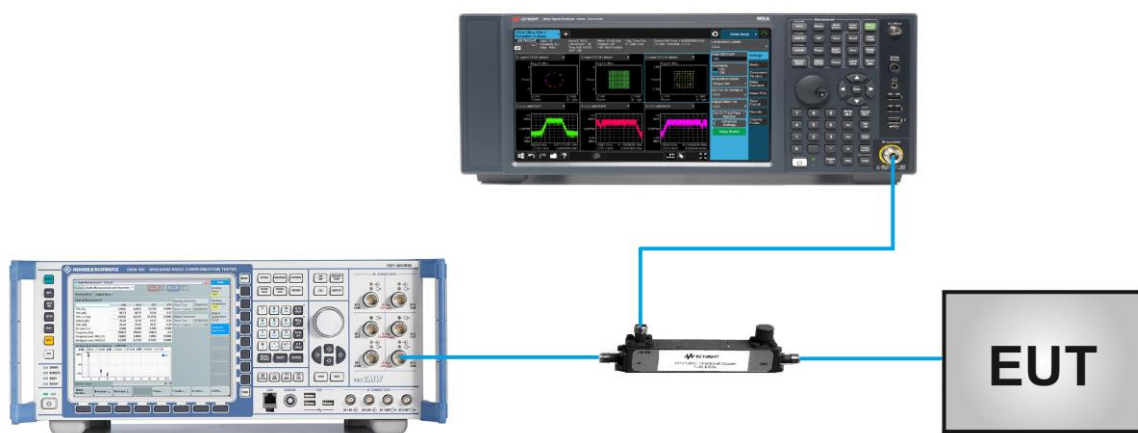
**5.3.2. Test Procedure Used**

ANSI C63.26-2015 - Section 5.7

### 5.3.3. Test Setting

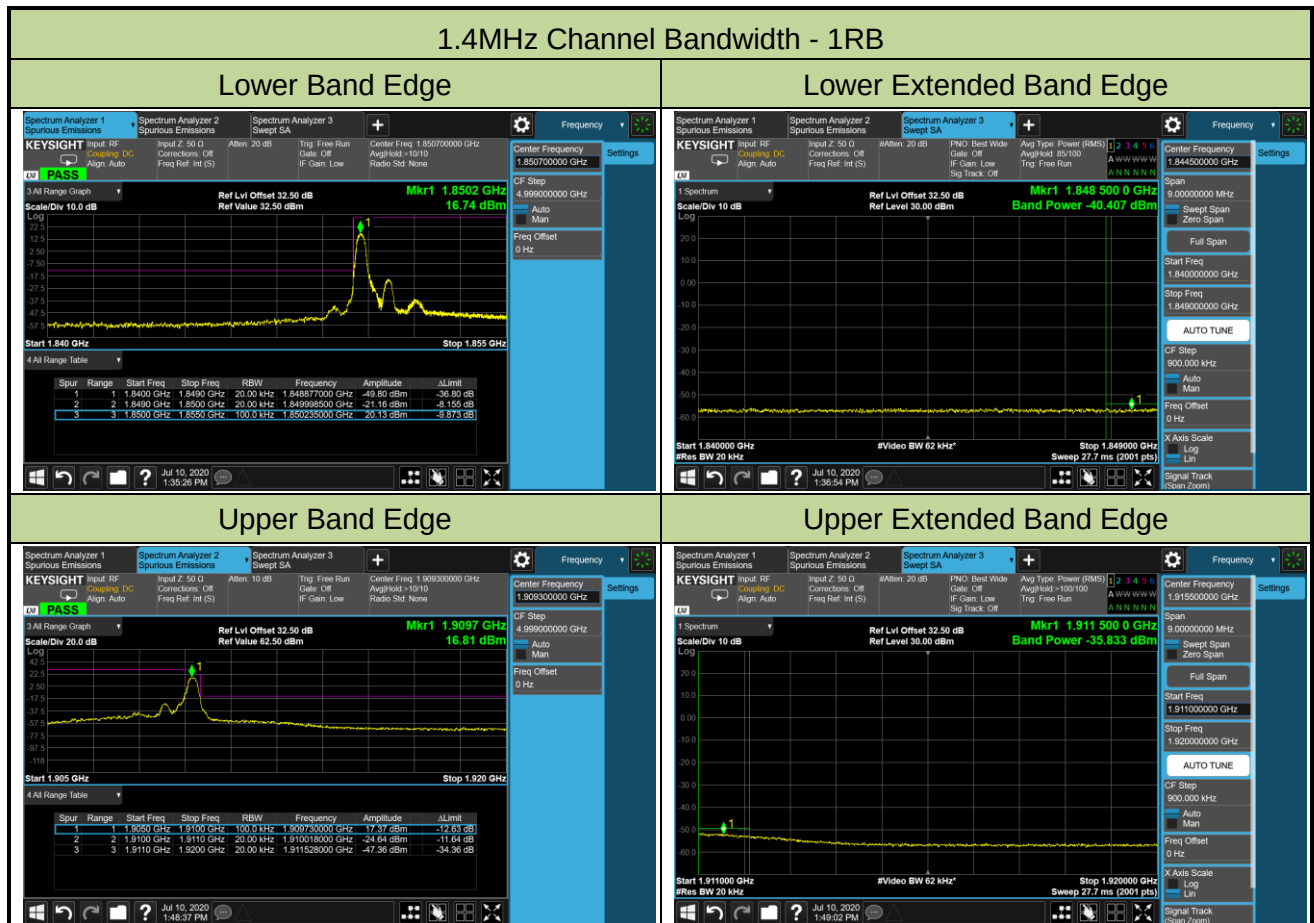
1. Set the analyzer frequency to low or high channel
2.  $RBW \geq$  The nominal RBW shall be in the range of 1% of the anticipated OBW (in the 1MHz band immediately outside and adjacent to the band edge). For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth. This integration should be performed using the spectrum analyzer's band power functions.
3.  $VBW \geq 3 \cdot RBW$
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to "free run."
7. User gate triggered such that the analyzer only sweeps when the device is transmitting at full power
8. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.

### 5.3.4. Test Setup



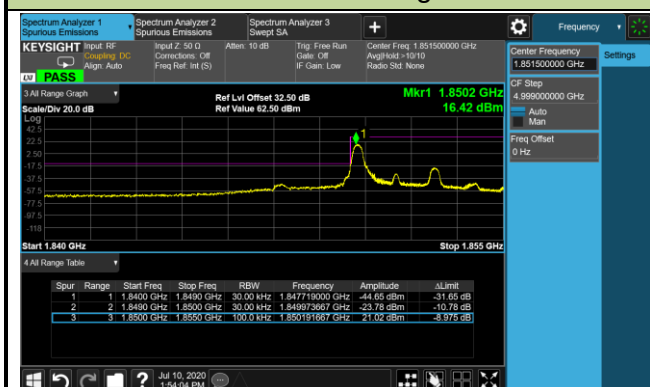
### 5.3.5. Test Result

|               |           |           |            |
|---------------|-----------|-----------|------------|
| Product       | Tablet    | Test Site | SR5        |
| Test Engineer | Candy Luo | Test Date | 2020/07/10 |
| Test Band     | Band 2    |           |            |
| Test Result   | Pass      |           |            |

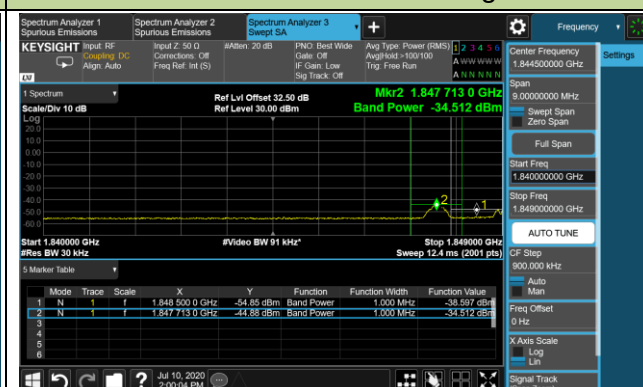


### 3MHz Channel Bandwidth - 1RB

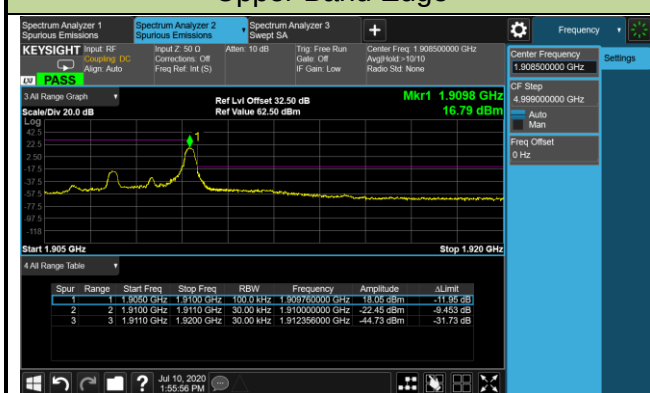
#### Lower Band Edge



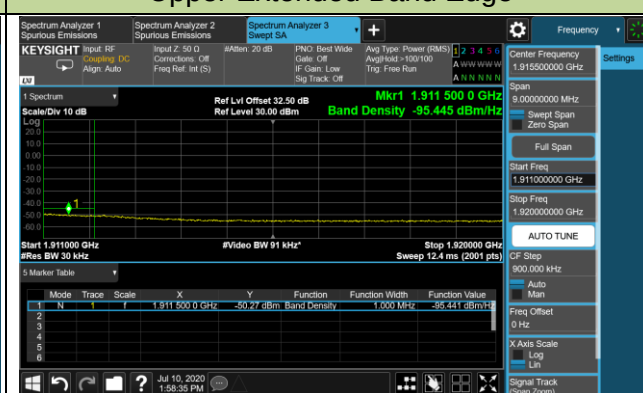
#### Lower Extended Band Edge



#### Upper Band Edge

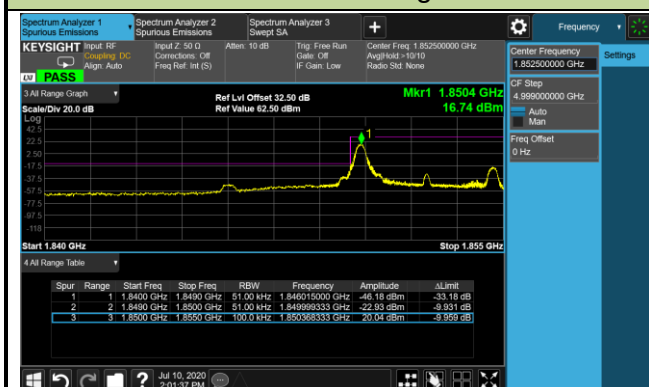


#### Upper Extended Band Edge

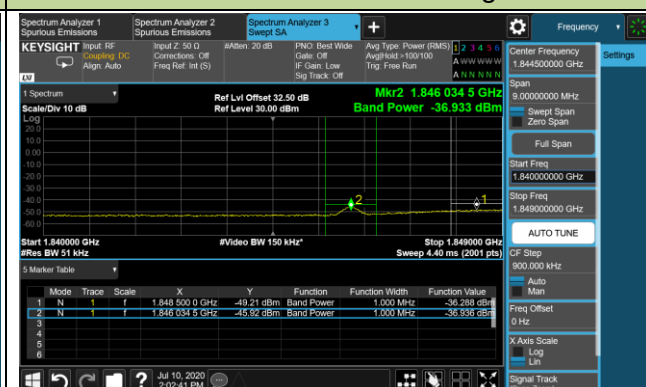


# 5MHz Channel Bandwidth - 1RB

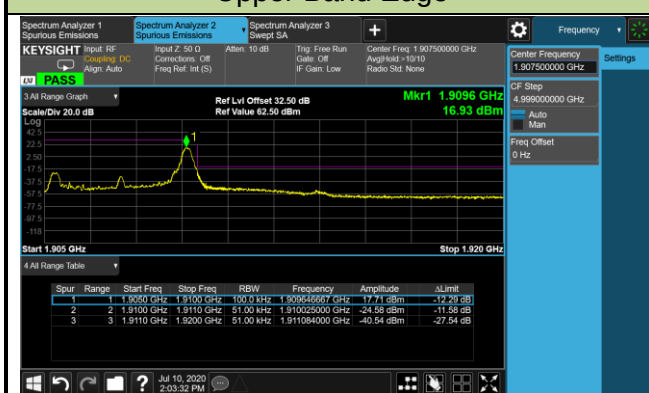
## Lower Band Edge



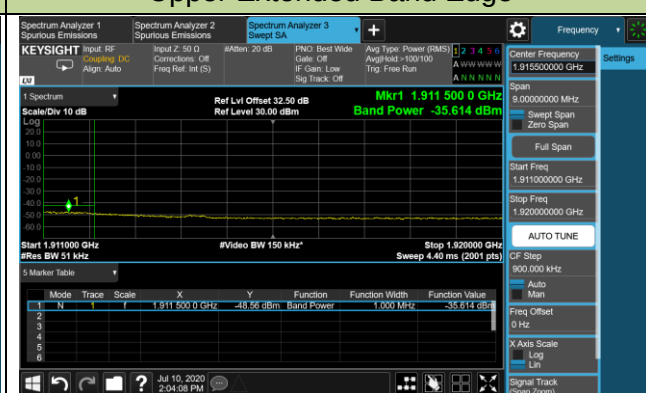
## Lower Extended Band Edge



## Upper Band Edge

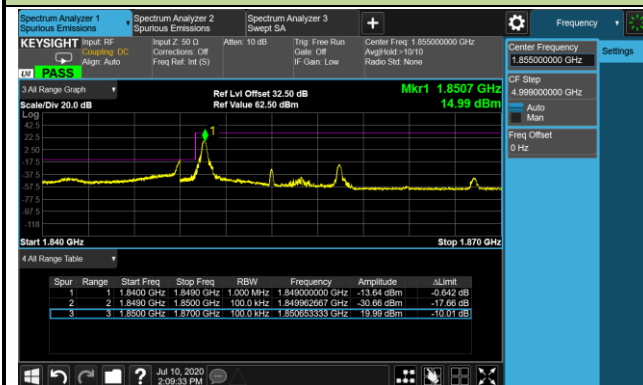


## Upper Extended Band Edge

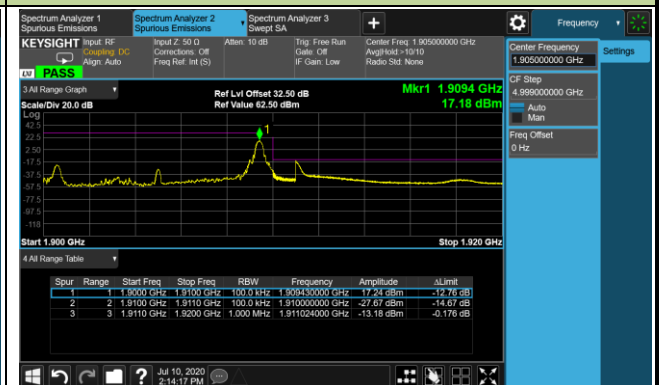


### 10MHz Channel Bandwidth - 1RB

#### Lower Band Edge

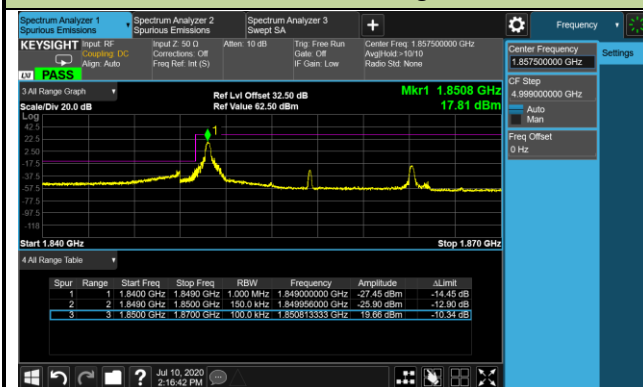


#### Upper Band Edge

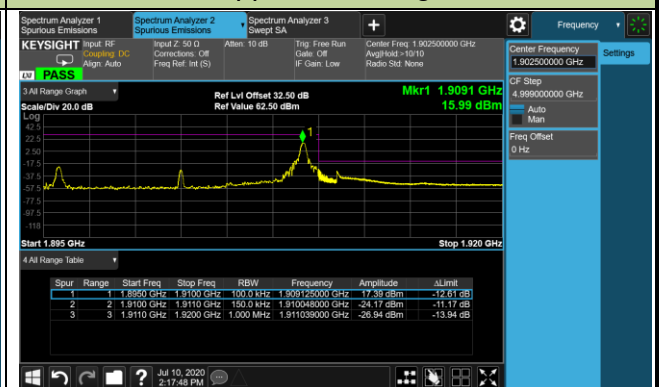


### 15MHz Channel Bandwidth - 1RB

#### Lower Band Edge

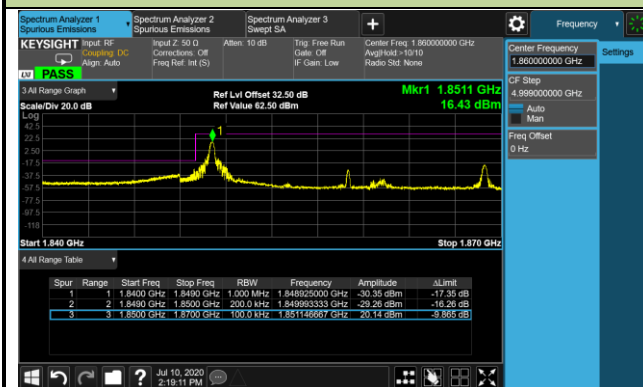


#### Upper Band Edge

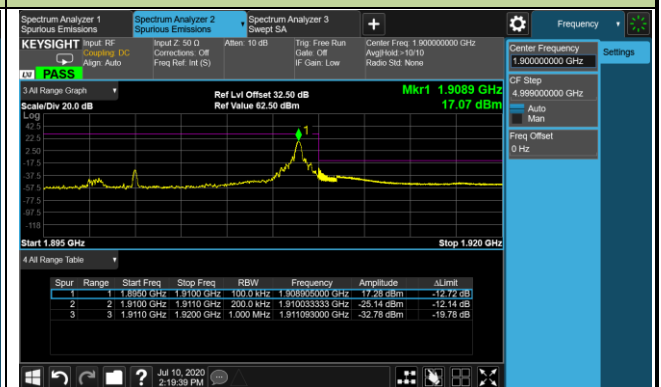


### 20MHz Channel Bandwidth - 1RB

#### Lower Band Edge

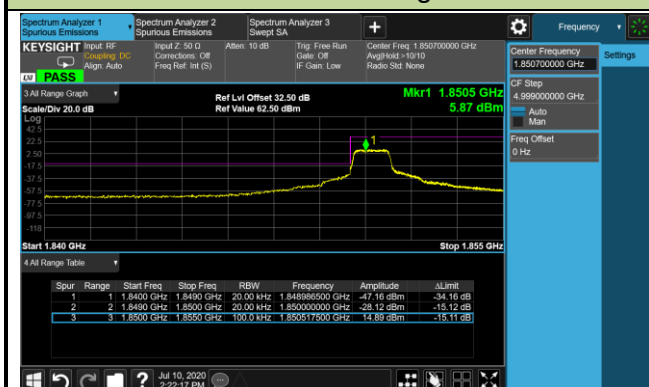


#### Upper Band Edge

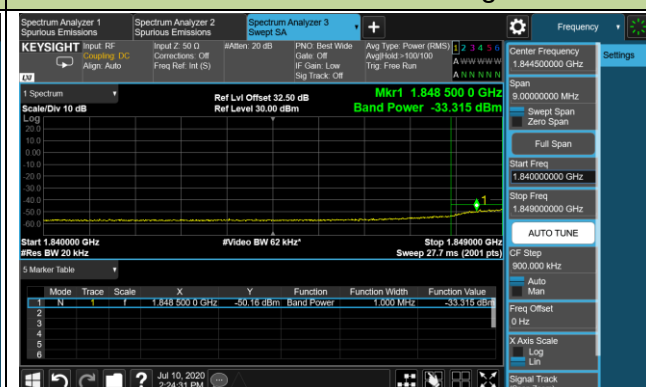


## 1.4MHz Channel Bandwidth - Full RB

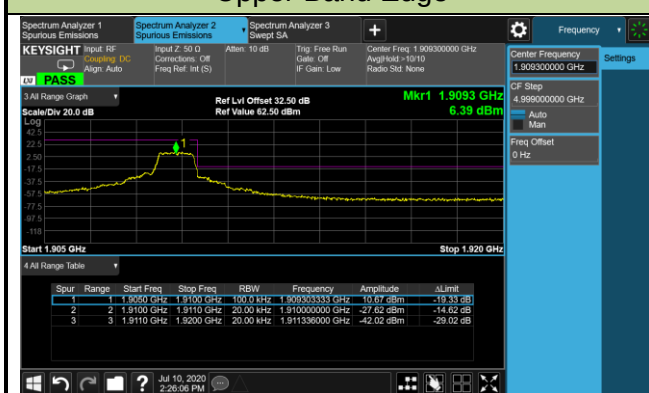
### Lower Band Edge



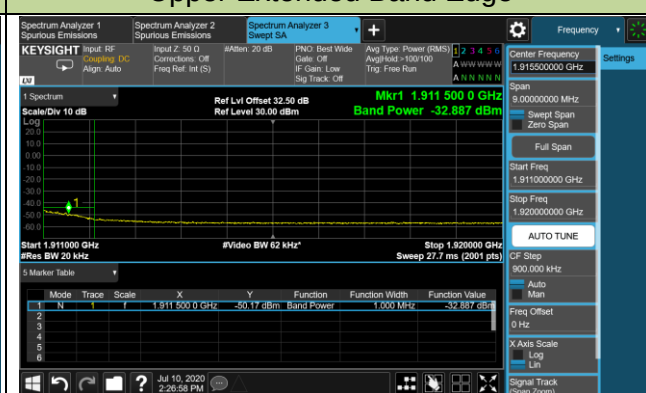
### Lower Extended Band Edge



### Upper Band Edge

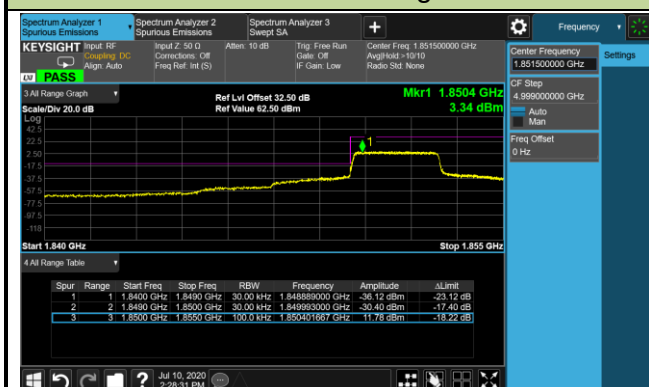


### Upper Extended Band Edge

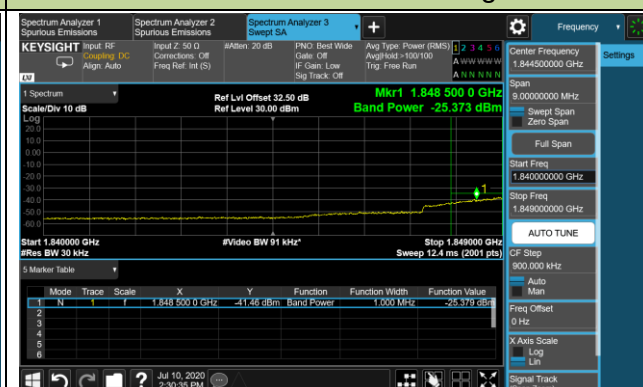


### 3MHz Channel Bandwidth - Full RB

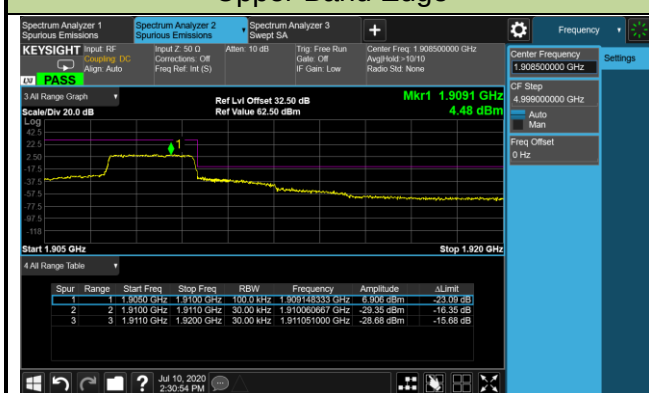
#### Lower Band Edge



#### Lower Extended Band Edge



#### Upper Band Edge



#### Upper Extended Band Edge

