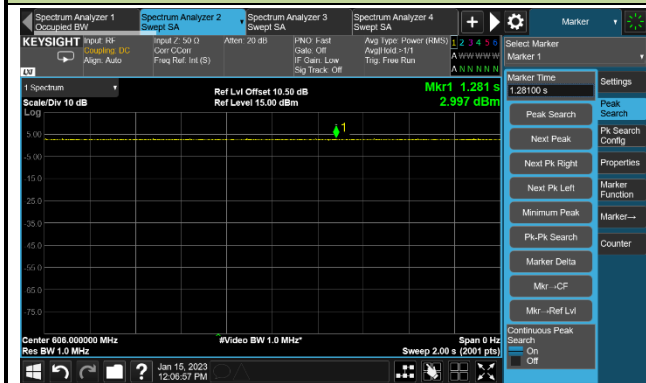


### A.5 Necessary Bandwidth Test Result

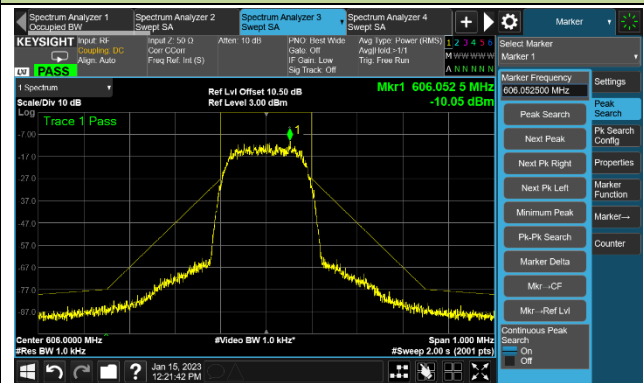
|           |            |               |          |
|-----------|------------|---------------|----------|
| Test Site | WZ-SR5     | Test Engineer | Dandy Li |
| Test Date | 2023-01-12 |               |          |

#### Necessary Bandwidth - STD Mode, 2mW, 606.000MHz

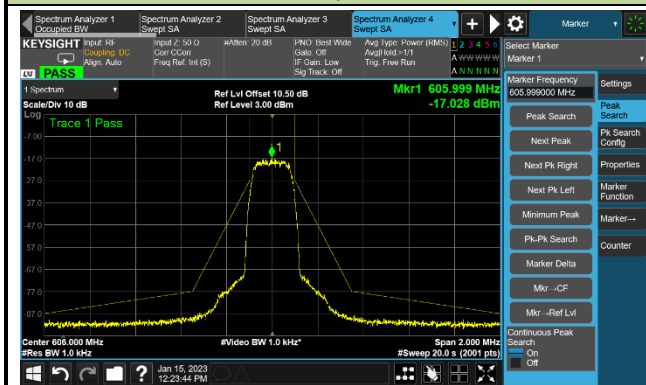
##### Step 1



##### Step 2

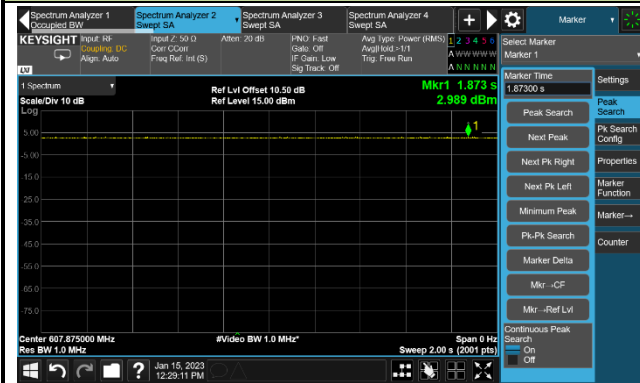


##### Step 3

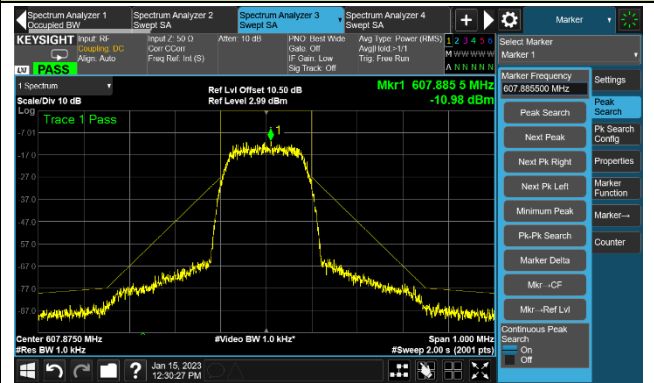


## Necessary Bandwidth - STD Mode, 2mW, 607.875MHz

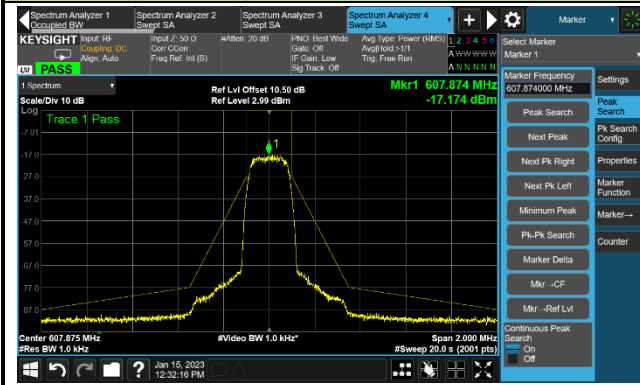
### Step 1



### Step 2

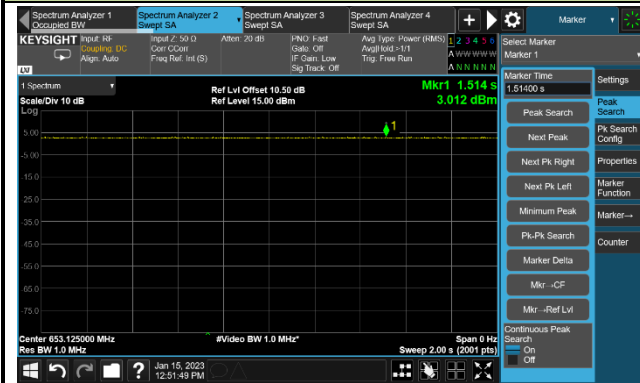


### Step 3

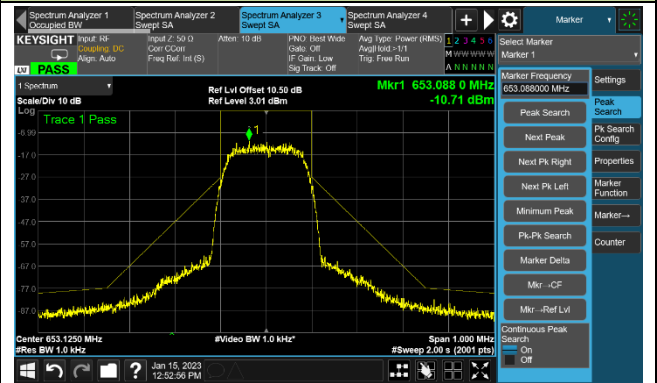


## Necessary Bandwidth - STD Mode, 2mW, 653.125MHz

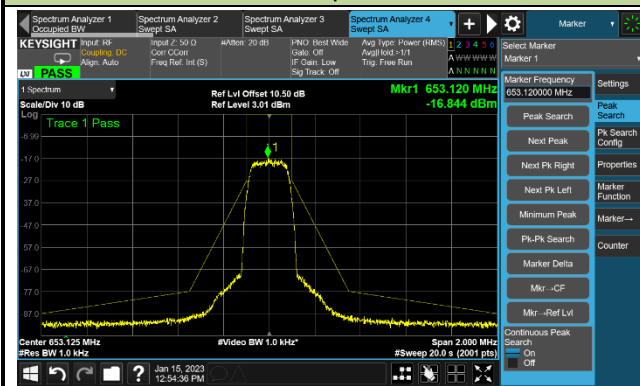
### Step 1



### Step 2

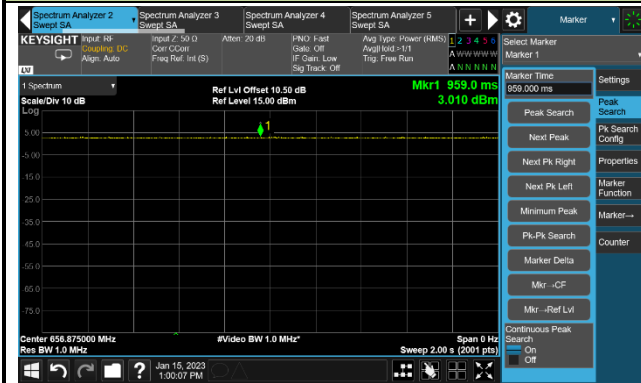


### Step 3

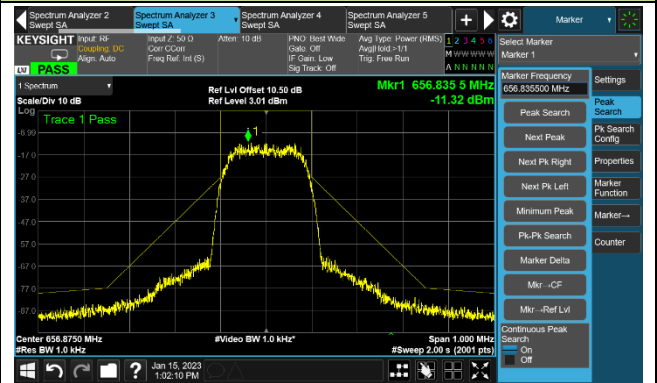


## Necessary Bandwidth - STD Mode, 2mW, 656.875MHz

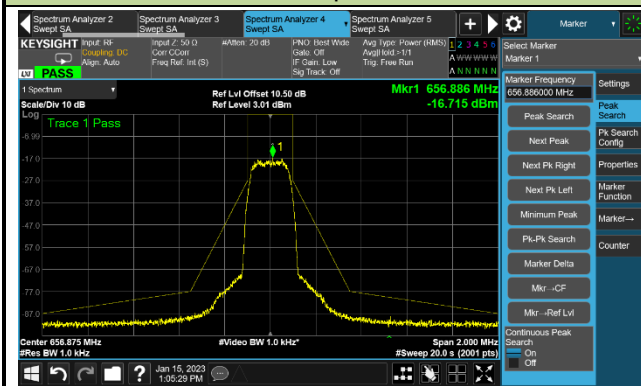
### Step 1



### Step 2

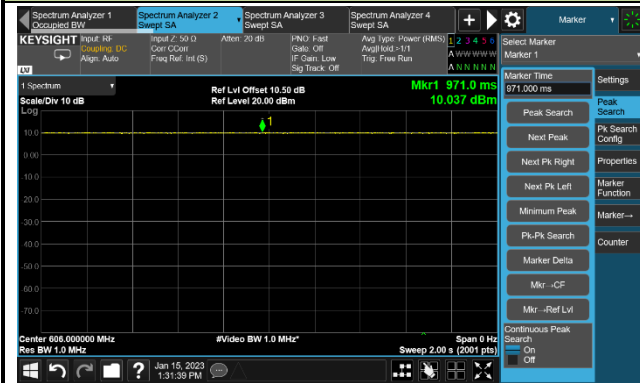


### Step 3

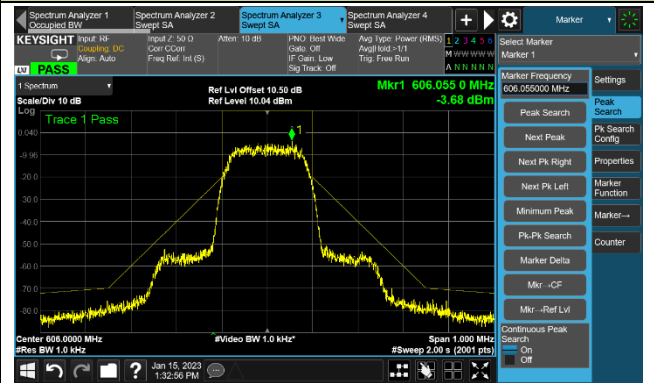


## Necessary Bandwidth - STD Mode, 10mW, 606.000MHz

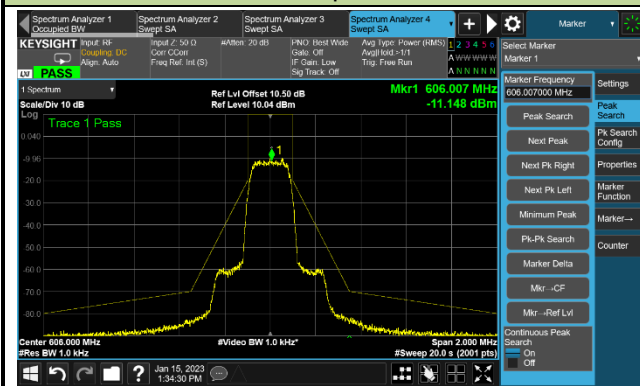
### Step 1



### Step 2

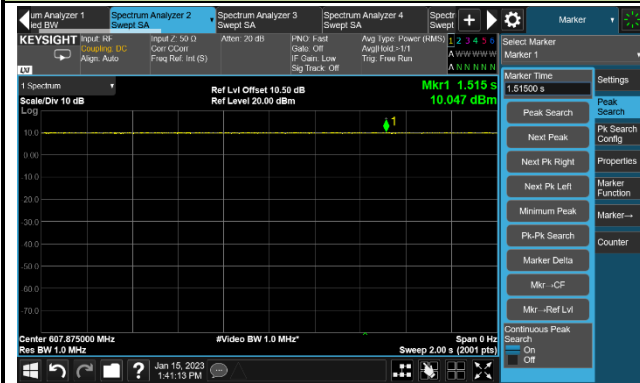


### Step 3

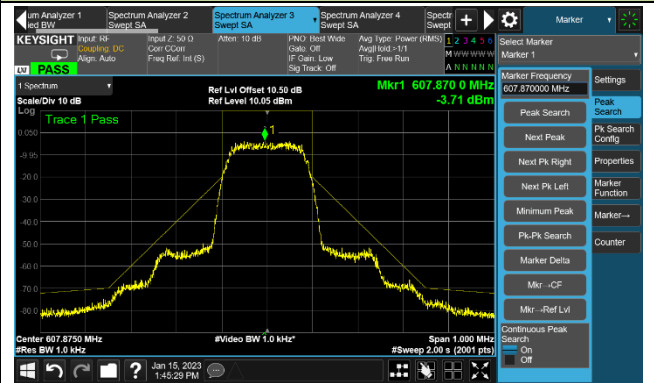


## Necessary Bandwidth - STD Mode, 10mW, 607.875MHz

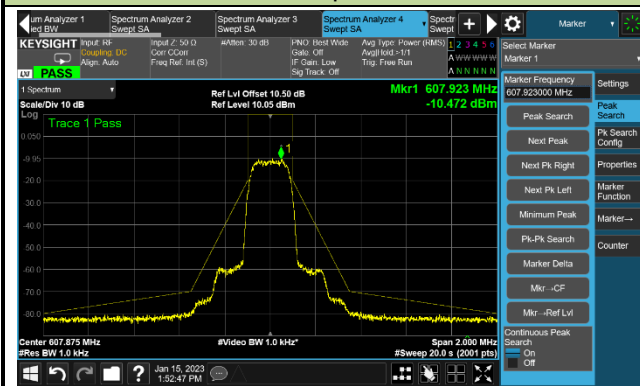
### Step 1



### Step 2

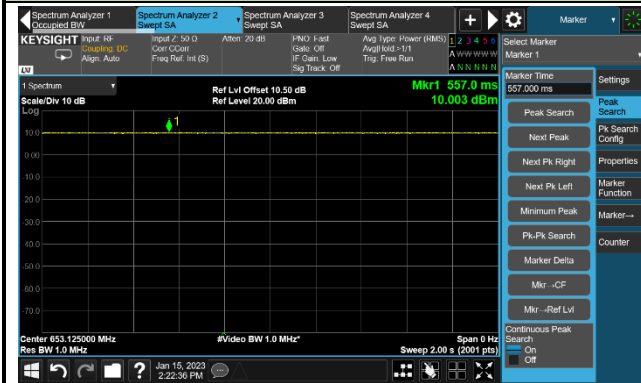


### Step 3

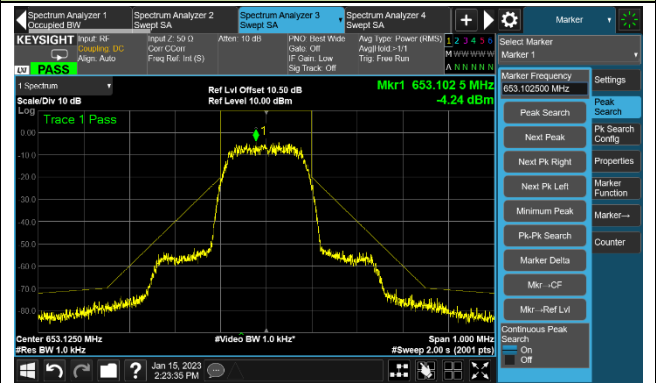


## Necessary Bandwidth - STD Mode, 10mW, 653.125MHz

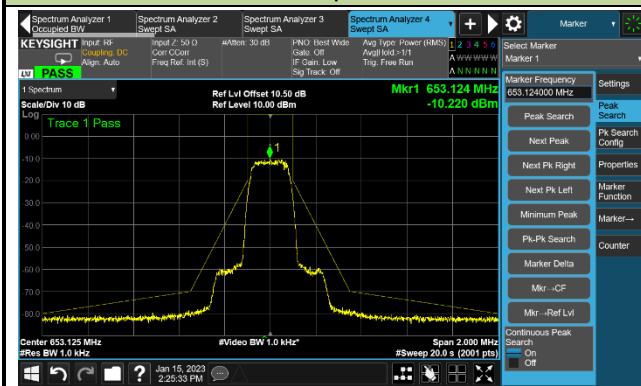
### Step 1



### Step 2

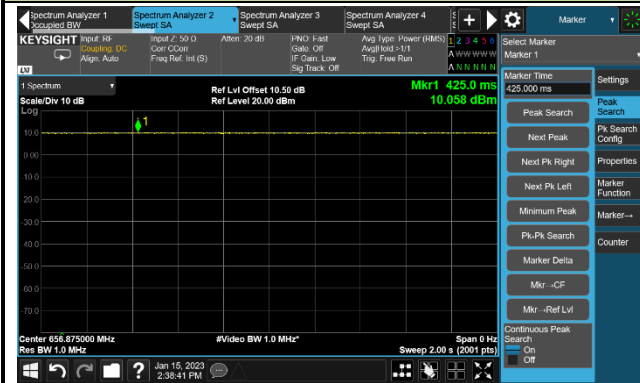


### Step 3

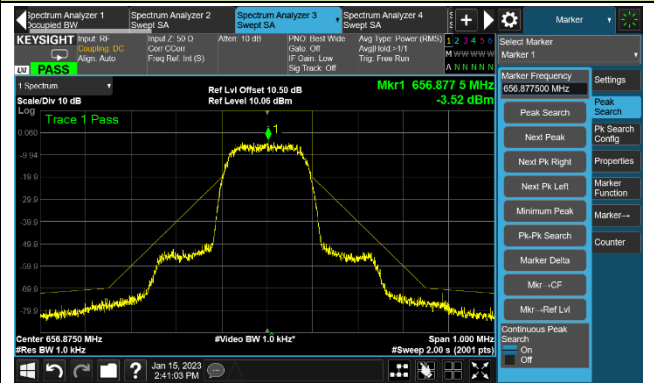


## Necessary Bandwidth - STD Mode, 10mW, 656.875MHz

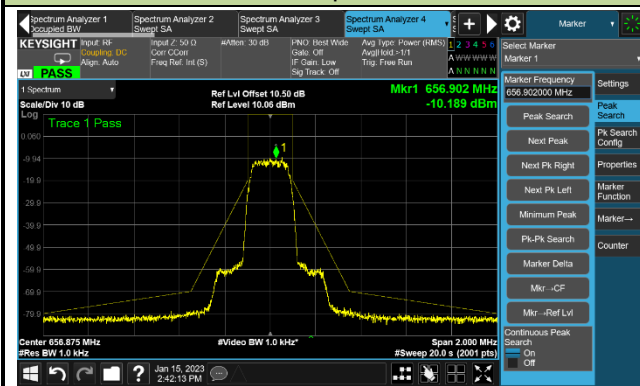
### Step 1



### Step 2

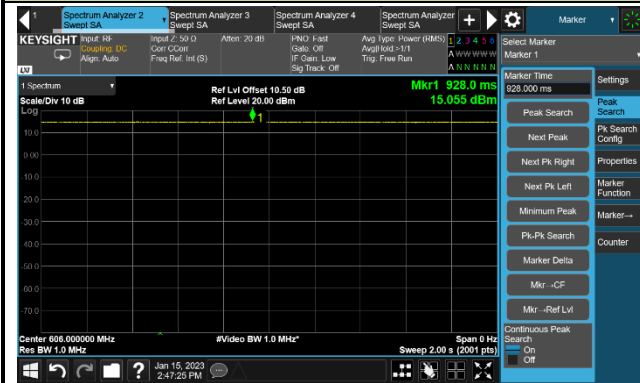


### Step 3

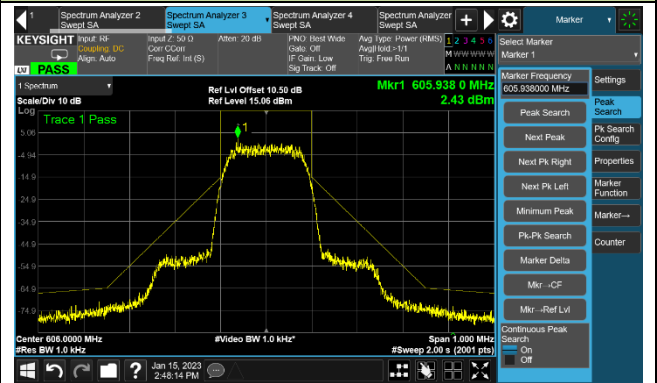


## Necessary Bandwidth - STD Mode, 35mW, 606.000MHz

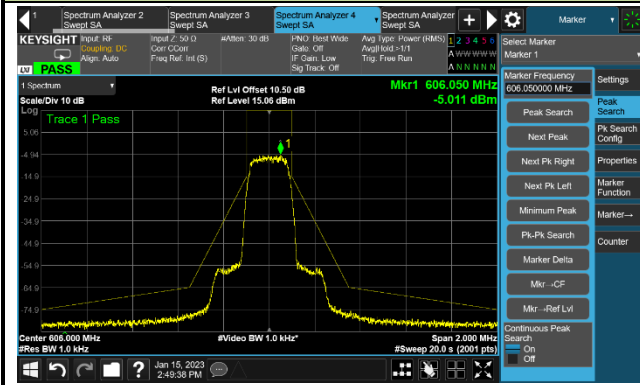
### Step 1



### Step 2

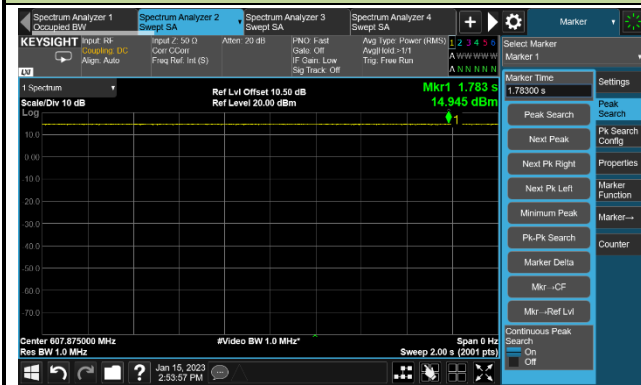


### Step 3



## Necessary Bandwidth - STD Mode, 35mW, 607.875MHz

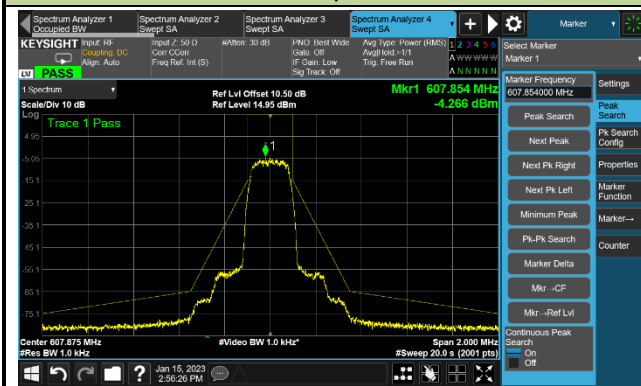
### Step 1



### Step 2

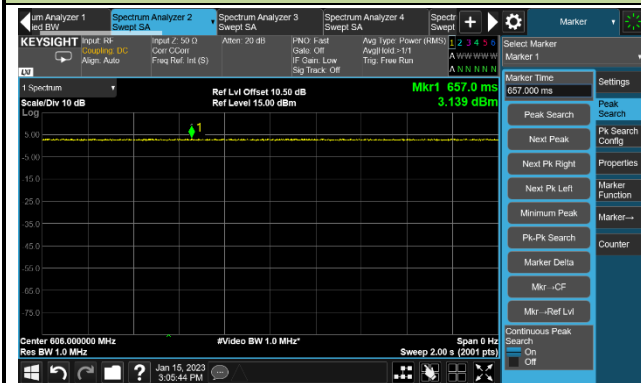


### Step 3

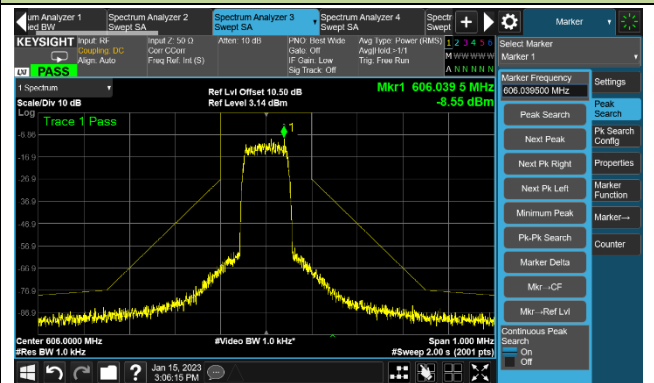


## Necessary Bandwidth - HD Mode, 2mW, 606.000MHz

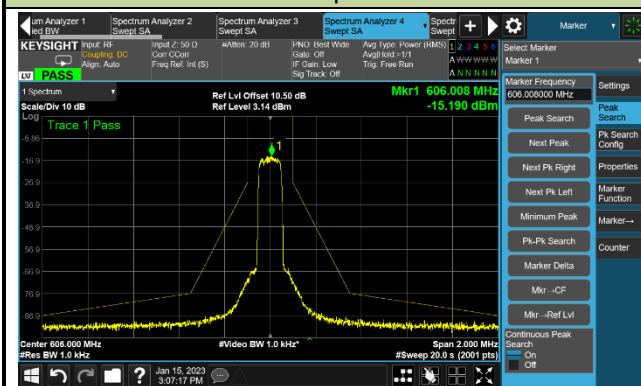
### Step 1



### Step 2

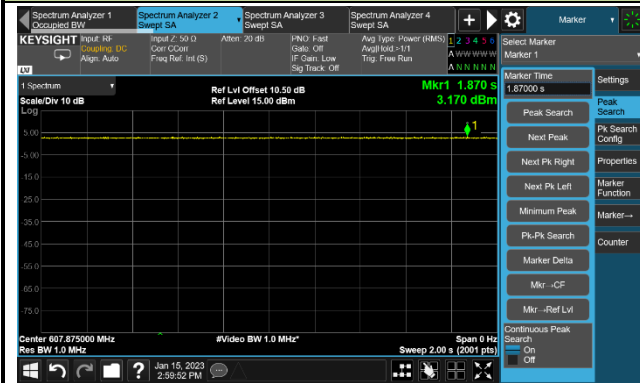


### Step 3

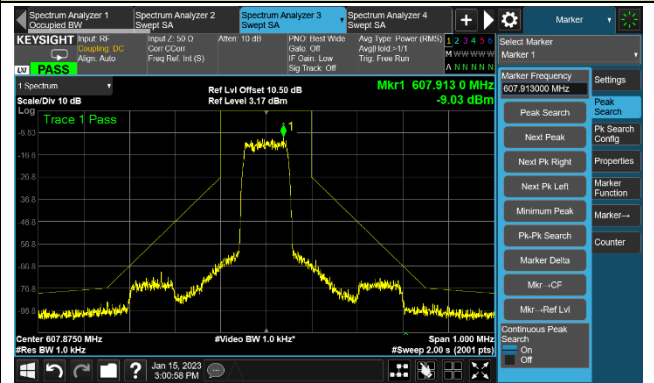


## Necessary Bandwidth - HD Mode, 2mW, 607.875 MHz

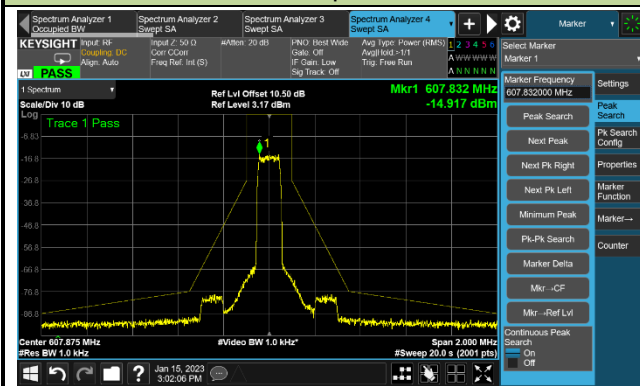
### Step 1



### Step 2

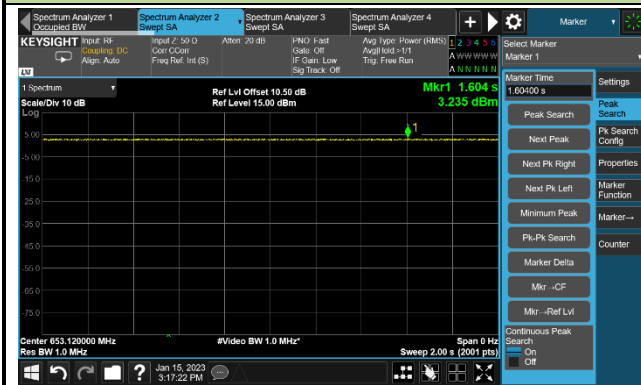


### Step 3

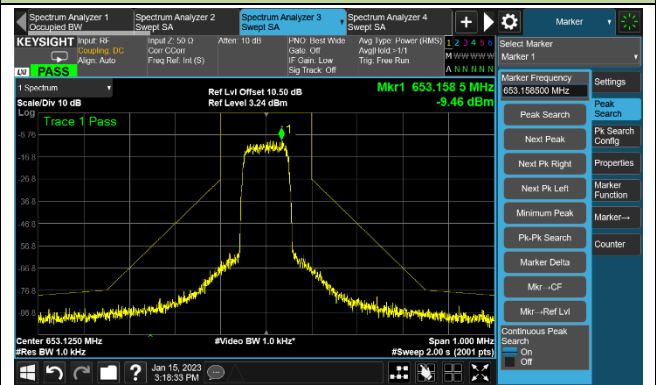


## Necessary Bandwidth - HD Mode, 2mW, 653.125MHz

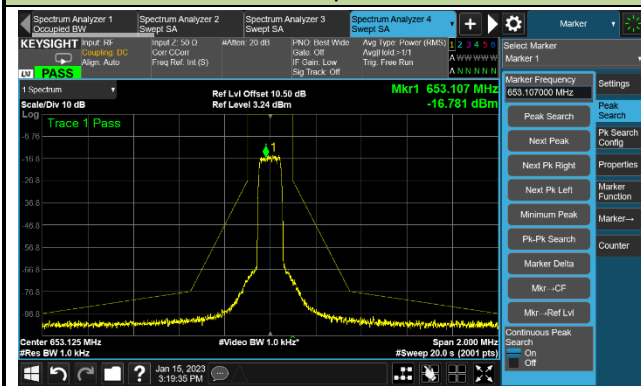
### Step 1



### Step 2

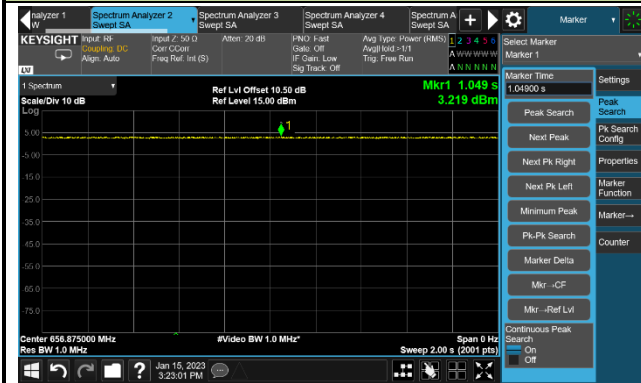


### Step 3

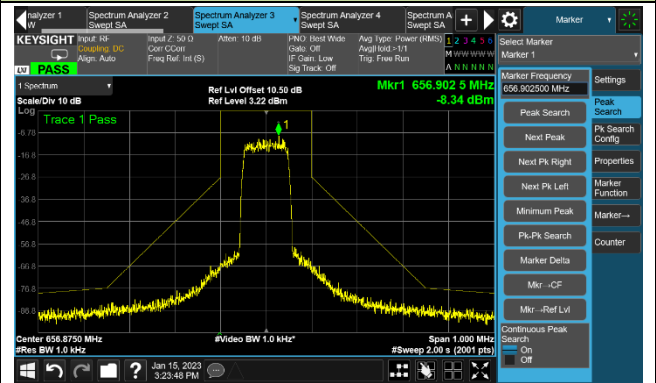


## Necessary Bandwidth - HD Mode, 2mW, 656.875MHz

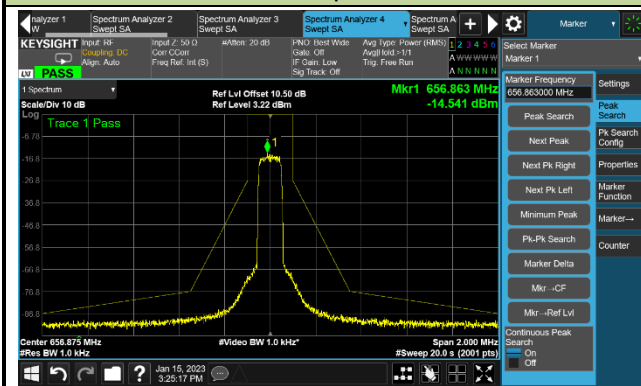
### Step 1



### Step 2



### Step 3



### A.6 Radiated Spurious Emissions Test Result

|           |            |               |                 |
|-----------|------------|---------------|-----------------|
| Test Site | WZ-AC2     | Test Engineer | Bob Zhang       |
| Test Date | 2023-02-07 | Test Mode     | STD Mode - 35mW |

| Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Substitution Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|--------------------|-----------------|---------------------|--------------------------|---------------------|-------------|-------------|----------|--------------|
| 606.000            | 125.060         | -92.6               | 22.5                     | -70.1               | -54.0       | -16.1       | Peak     | Horizontal   |
|                    | 676.505         | -97.2               | 36.8                     | -60.4               | -54.0       | -6.4        | Peak     | Horizontal   |
|                    | 97.900          | -106.0              | 40.7                     | -65.3               | -54.0       | -11.3       | Peak     | Vertical     |
|                    | 761.380         | -103.6              | 38.5                     | -65.1               | -54.0       | -11.1       | Peak     | Vertical     |
|                    | 1921.000        | -63.6               | 8.1                      | -55.5               | -30.0       | -25.5       | Peak     | Horizontal   |
|                    | 3397.000        | -67.2               | 11.1                     | -56.1               | -30.0       | -26.1       | Peak     | Horizontal   |
|                    | 1252.000        | -66.3               | 9.4                      | -56.9               | -30.0       | -26.9       | Peak     | Vertical     |
|                    | 1921.000        | -63.7               | 8.0                      | -55.7               | -30.0       | -25.7       | Peak     | Vertical     |
| 607.875            | 54.250          | -103.4              | 30.1                     | -73.3               | -54.0       | -19.3       | Peak     | Horizontal   |
|                    | 664.865         | -96.7               | 36.4                     | -60.3               | -54.0       | -6.3        | Peak     | Horizontal   |
|                    | 97.415          | -105.5              | 40.6                     | -64.9               | -54.0       | -10.9       | Peak     | Vertical     |
|                    | 717.245         | -102.7              | 37.1                     | -65.6               | -54.0       | -11.6       | Peak     | Vertical     |
|                    | 1921.000        | -63.3               | 8.1                      | -55.2               | -30.0       | -25.2       | Peak     | Horizontal   |
|                    | 3109.000        | -66.3               | 10.5                     | -55.8               | -30.0       | -25.8       | Peak     | Horizontal   |
|                    | 1921.000        | -63.3               | 8.0                      | -55.3               | -30.0       | -25.3       | Peak     | Vertical     |
|                    | 6304.000        | -70.9               | 18.0                     | -52.9               | -30.0       | -22.9       | Peak     | Vertical     |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.

|           |            |               |                 |
|-----------|------------|---------------|-----------------|
| Test Site | WZ-AC2     | Test Engineer | Bob Zhang       |
| Test Date | 2023-02-07 | Test Mode     | STD Mode - 10mW |

| Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Substitution Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|--------------------|-----------------|---------------------|--------------------------|---------------------|-------------|-------------|----------|--------------|
| 653.125            | 47.460          | -104.7              | 32.1                     | -72.6               | -54.0       | -18.6       | Peak     | Horizontal   |
|                    | 721.610         | -102.0              | 38.0                     | -64.0               | -54.0       | -10.0       | Peak     | Horizontal   |
|                    | 97.415          | -105.1              | 40.6                     | -64.5               | -54.0       | -10.5       | Peak     | Vertical     |
|                    | 769.625         | -102.5              | 38.1                     | -64.4               | -54.0       | -10.4       | Peak     | Vertical     |
|                    | 1921.000        | -64.1               | 8.1                      | -56.0               | -30.0       | -26.0       | Peak     | Horizontal   |
|                    | 3097.000        | -66.4               | 10.4                     | -56.0               | -30.0       | -26.0       | Peak     | Horizontal   |
|                    | 1921.000        | -63.5               | 8.0                      | -55.5               | -30.0       | -25.5       | Peak     | Vertical     |
|                    | 3178.000        | -67.6               | 10.6                     | -57.0               | -30.0       | -27.0       | Peak     | Vertical     |
| 656.875            | 48.915          | -105.6              | 31.9                     | -73.7               | -54.0       | -19.7       | Peak     | Horizontal   |
|                    | 726.945         | -102.1              | 38.0                     | -64.1               | -54.0       | -10.1       | Peak     | Horizontal   |
|                    | 96.930          | -105.8              | 40.4                     | -65.4               | -54.0       | -11.4       | Peak     | Vertical     |
|                    | 762.350         | -102.7              | 38.5                     | -64.2               | -54.0       | -10.2       | Peak     | Vertical     |
|                    | 1921.000        | -62.9               | 8.1                      | -54.8               | -30.0       | -24.8       | Peak     | Horizontal   |
|                    | 3094.000        | -65.7               | 10.3                     | -55.4               | -30.0       | -25.4       | Peak     | Horizontal   |
|                    | 1921.000        | -63.3               | 8.0                      | -55.3               | -30.0       | -25.3       | Peak     | Vertical     |
|                    | 4054.000        | -68.7               | 12.7                     | -56.0               | -30.0       | -26.0       | Peak     | Vertical     |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.

|           |            |               |           |
|-----------|------------|---------------|-----------|
| Test Site | WZ-AC2     | Test Engineer | Bob Zhang |
| Test Date | 2023-02-07 | Test Mode     | HD Mode   |

| Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Substitution Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|--------------------|-----------------|---------------------|--------------------------|---------------------|-------------|-------------|----------|--------------|
| 606.000            | 54.250          | -104.7              | 30.1                     | -74.6               | -54.0       | -20.6       | Peak     | Horizontal   |
|                    | 716.760         | -102.0              | 38.0                     | -64.0               | -54.0       | -10.0       | Peak     | Horizontal   |
|                    | 97.415          | -105.8              | 40.6                     | -65.2               | -54.0       | -11.2       | Peak     | Vertical     |
|                    | 744.405         | -102.5              | 37.7                     | -64.8               | -54.0       | -10.8       | Peak     | Vertical     |
|                    | 1921.000        | -63.8               | 8.1                      | -55.7               | -30.0       | -25.7       | Peak     | Horizontal   |
|                    | 4837.000        | -67.7               | 14.5                     | -53.2               | -30.0       | -23.2       | Peak     | Horizontal   |
|                    | 1921.000        | -63.3               | 8.0                      | -55.3               | -30.0       | -25.3       | Peak     | Vertical     |
|                    | 3025.000        | -68.0               | 10.3                     | -57.7               | -30.0       | -27.7       | Peak     | Vertical     |
| 607.875            | 49.400          | -106.4              | 31.8                     | -74.6               | -54.0       | -20.6       | Peak     | Horizontal   |
|                    | 703.665         | -101.5              | 37.7                     | -63.8               | -54.0       | -9.8        | Peak     | Horizontal   |
|                    | 97.415          | -105.6              | 40.6                     | -65.0               | -54.0       | -11.0       | Peak     | Vertical     |
|                    | 700.755         | -103.2              | 37.3                     | -65.9               | -54.0       | -11.9       | Peak     | Vertical     |
|                    | 1921.000        | -63.9               | 8.1                      | -55.8               | -30.0       | -25.8       | Peak     | Horizontal   |
|                    | 3109.000        | -66.7               | 10.5                     | -56.2               | -30.0       | -26.2       | Peak     | Horizontal   |
|                    | 1363.000        | -66.6               | 9.0                      | -57.6               | -30.0       | -27.6       | Peak     | Vertical     |
|                    | 1921.000        | -63.1               | 8.0                      | -55.1               | -30.0       | -25.1       | Peak     | Vertical     |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.

|           |            |               |           |
|-----------|------------|---------------|-----------|
| Test Site | WZ-AC2     | Test Engineer | Bob Zhang |
| Test Date | 2023-02-07 | Test Mode     | HD Mode   |

| Test Channel (MHz) | Frequency (MHz) | Reading Level (dBm) | Substitution Factor (dB) | Measure Level (dBm) | Limit (dBm) | Margin (dB) | Detector | Polarization |
|--------------------|-----------------|---------------------|--------------------------|---------------------|-------------|-------------|----------|--------------|
| 653.125            | 50.370          | -104.7              | 31.4                     | -73.3               | -54.0       | -19.3       | Peak     | Horizontal   |
|                    | 718.700         | -102.1              | 38.0                     | -64.1               | -54.0       | -10.1       | Peak     | Horizontal   |
|                    | 98.385          | -104.9              | 40.2                     | -64.7               | -54.0       | -10.7       | Peak     | Vertical     |
|                    | 703.665         | -103.7              | 37.3                     | -66.4               | -54.0       | -12.4       | Peak     | Vertical     |
|                    | 1921.000        | -64.1               | 8.1                      | -56.0               | -30.0       | -26.0       | Peak     | Horizontal   |
|                    | 3835.000        | -67.6               | 11.8                     | -55.8               | -30.0       | -25.8       | Peak     | Horizontal   |
|                    | 1921.000        | -62.9               | 8.0                      | -54.9               | -30.0       | -24.9       | Peak     | Vertical     |
|                    | 4144.000        | -68.9               | 13.3                     | -55.6               | -30.0       | -25.6       | Peak     | Vertical     |
| 656.875            | 53.765          | -104.0              | 30.2                     | -73.8               | -54.0       | -19.8       | Peak     | Horizontal   |
|                    | 712.880         | -101.8              | 37.9                     | -63.9               | -54.0       | -9.9        | Peak     | Horizontal   |
|                    | 97.900          | -105.7              | 40.7                     | -65.0               | -54.0       | -11.0       | Peak     | Vertical     |
|                    | 775.445         | -103.2              | 38.1                     | -65.1               | -54.0       | -11.1       | Peak     | Vertical     |
|                    | 1921.000        | -64.2               | 8.1                      | -56.1               | -30.0       | -26.1       | Peak     | Horizontal   |
|                    | 3100.000        | -65.5               | 10.4                     | -55.1               | -30.0       | -25.1       | Peak     | Horizontal   |
|                    | 1921.000        | -63.5               | 8.0                      | -55.5               | -30.0       | -25.5       | Peak     | Vertical     |
|                    | 4831.000        | -68.8               | 14.8                     | -54.0               | -30.0       | -24.0       | Peak     | Vertical     |

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.

## **Appendix B – Test Setup Photograph**

Refer to “ 2211RSU077-UT” file.

## **Appendix C – EUT Photograph**

Refer to “2211RSU077-UE” file.