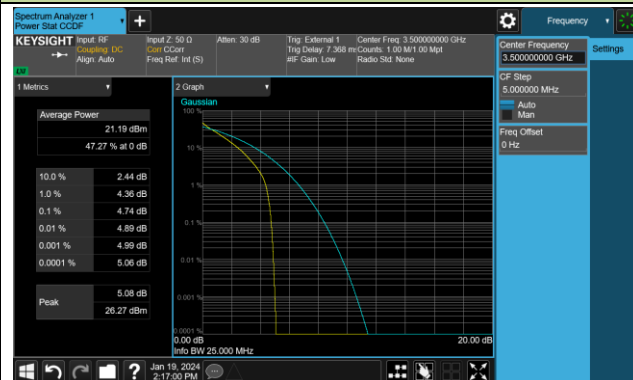
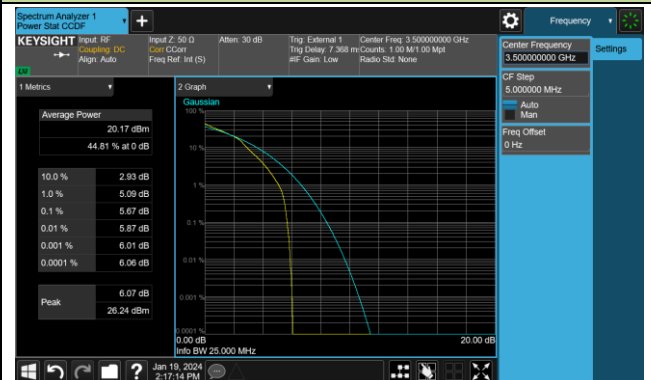


## 15MHz Channel Bandwidth – Middle Channel

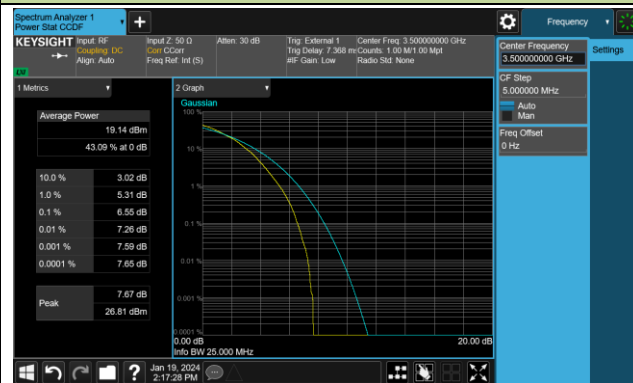
## QPSK



## 16QAM

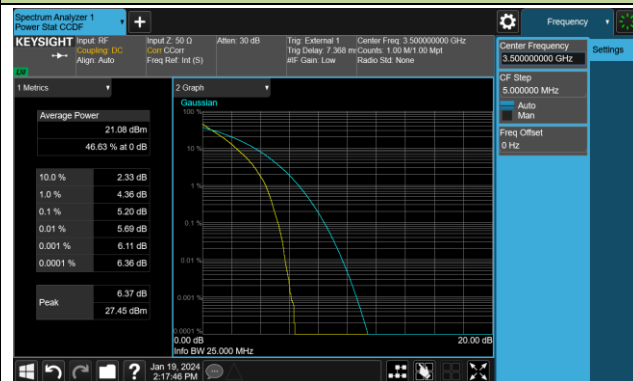


## 64QAM

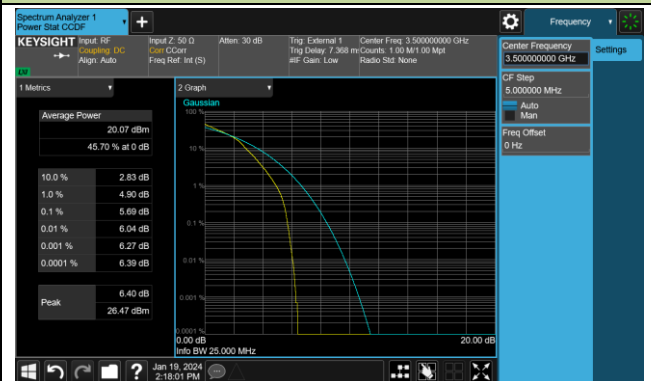


## 20MHz Channel Bandwidth – Middle Channel

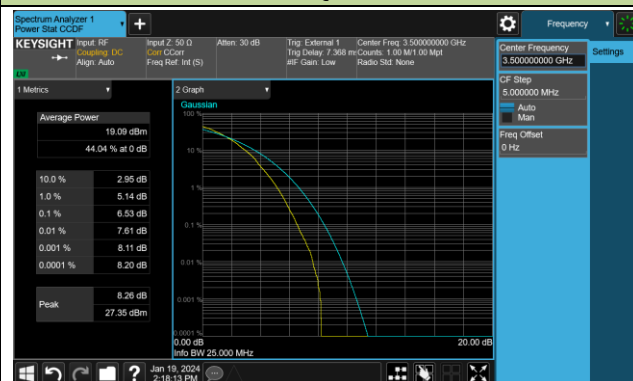
## QPSK



## 16QAM



## 64QAM

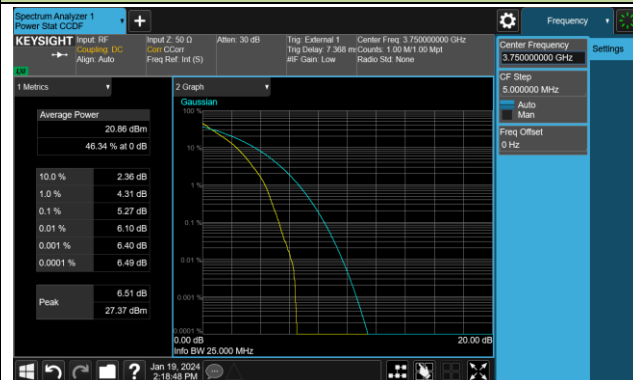


|           |            |               |              |
|-----------|------------|---------------|--------------|
| Test Site | SIP-SR1    | Test Engineer | Yoniter Yang |
| Test Date | 2024-01-19 | Test Band     | Band 43      |

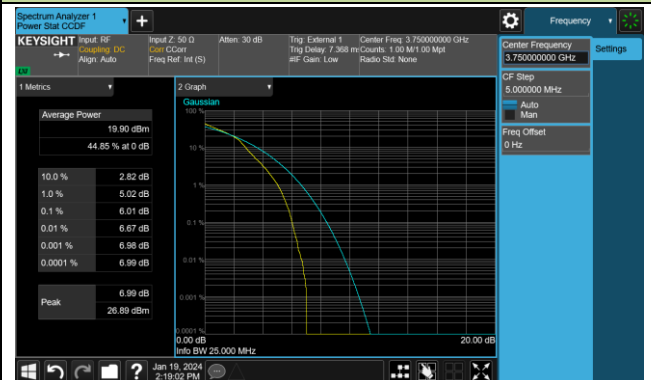
| Frequency<br>(MHz) | Channel Bandwidth<br>(MHz) | Peak to Average<br>Ratio (dB) | Limit<br>(dB) | Result |
|--------------------|----------------------------|-------------------------------|---------------|--------|
| QPSK               |                            |                               |               |        |
| 3750.0             | 5                          | 5.27                          | $\leq 13.00$  | Pass   |
|                    | 10                         | 4.52                          | $\leq 13.00$  | Pass   |
|                    | 15                         | 5.40                          | $\leq 13.00$  | Pass   |
|                    | 20                         | 5.16                          | $\leq 13.00$  | Pass   |
| 16QAM              |                            |                               |               |        |
| 3750.0             | 5                          | 6.01                          | $\leq 13.00$  | Pass   |
|                    | 10                         | 5.47                          | $\leq 13.00$  | Pass   |
|                    | 15                         | 6.11                          | $\leq 13.00$  | Pass   |
|                    | 20                         | 5.96                          | $\leq 13.00$  | Pass   |
| 64QAM              |                            |                               |               |        |
| 3750.0             | 5                          | 6.60                          | $\leq 13.00$  | Pass   |
|                    | 10                         | 6.50                          | $\leq 13.00$  | Pass   |
|                    | 15                         | 6.57                          | $\leq 13.00$  | Pass   |
|                    | 20                         | 6.50                          | $\leq 13.00$  | Pass   |

## 5MHz Channel Bandwidth – Middle Channel

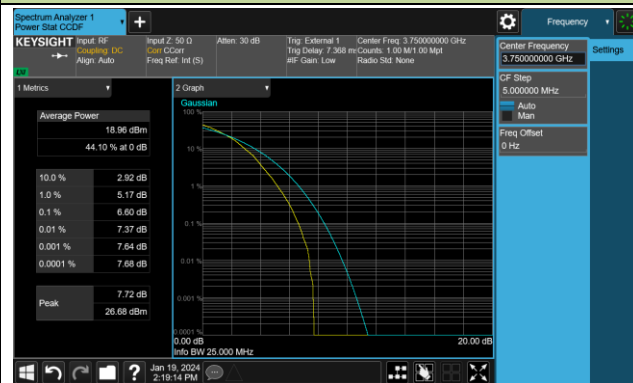
## QPSK



## 16QAM

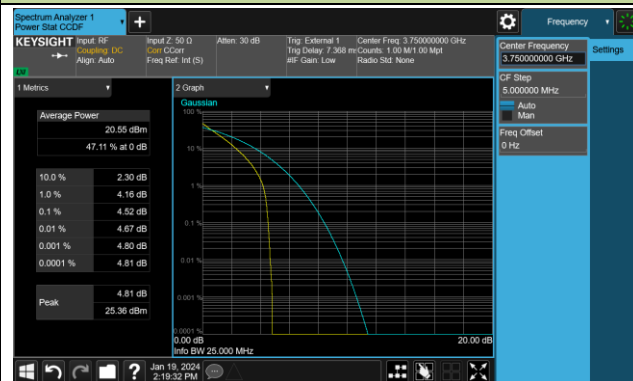


## 64QAM

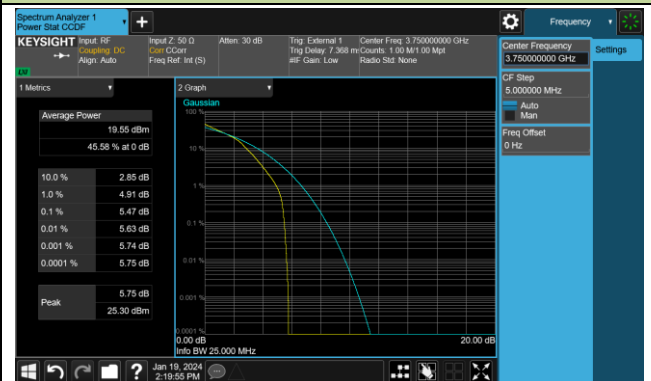


## 10MHz Channel Bandwidth – Middle Channel

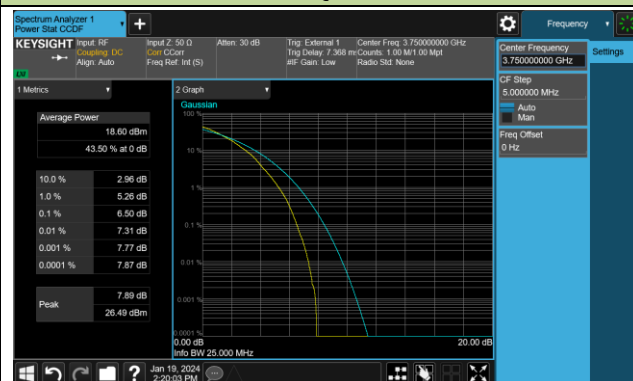
## QPSK



## 16QAM

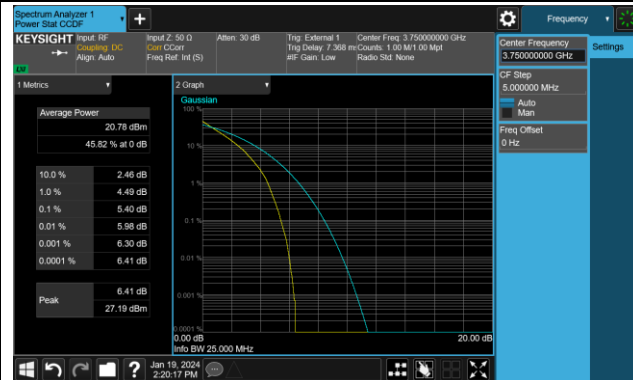


## 64QAM

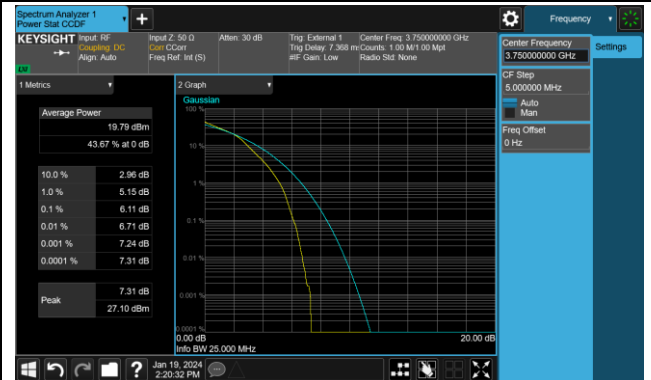


## 15MHz Channel Bandwidth – Middle Channel

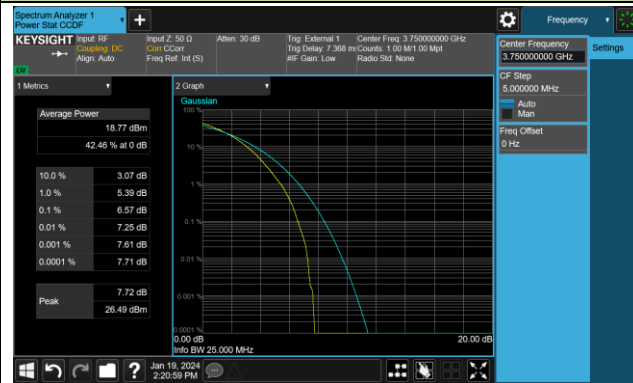
## QPSK



## 16QAM

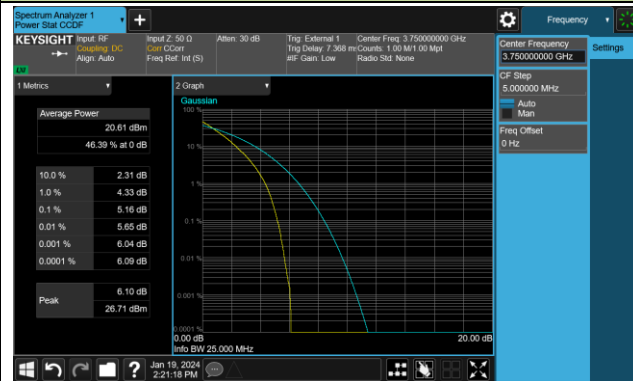


## 64QAM

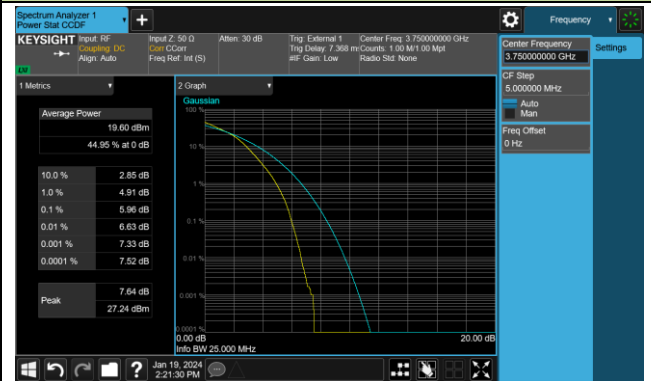


## 20MHz Channel Bandwidth – Middle Channel

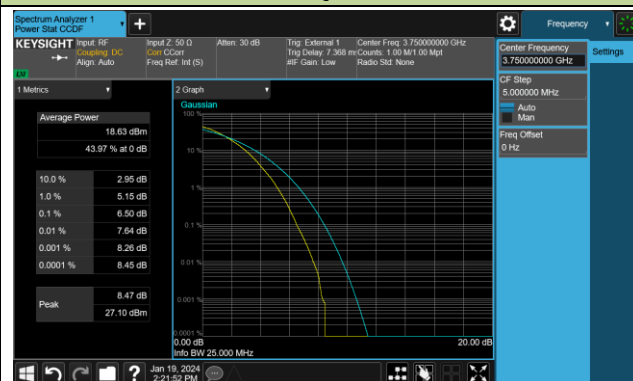
## QPSK



## 16QAM



## 64QAM

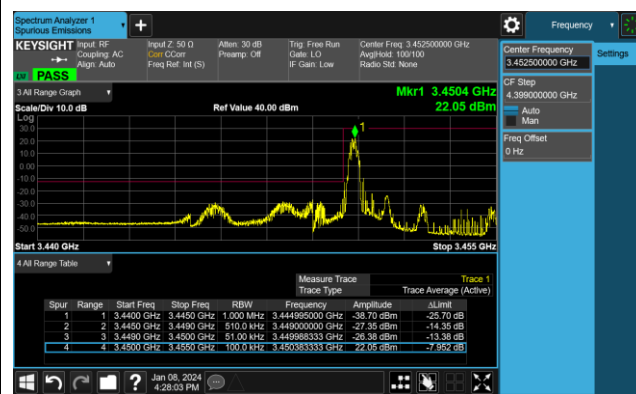


### A.5 Band Edge Test Result

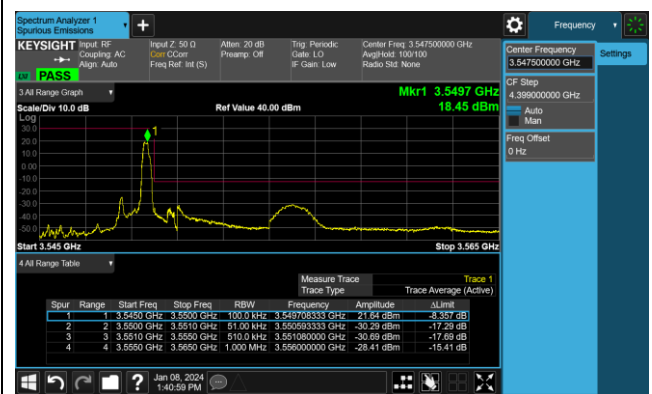
|           |            |               |              |
|-----------|------------|---------------|--------------|
| Test Site | SIP-SR1    | Test Engineer | Yoniter Yang |
| Test Date | 2024-01-08 | Test Band     | LTE Band 42  |

#### 5MHz Channel Bandwidth - 1RB

##### Lower Band Edge

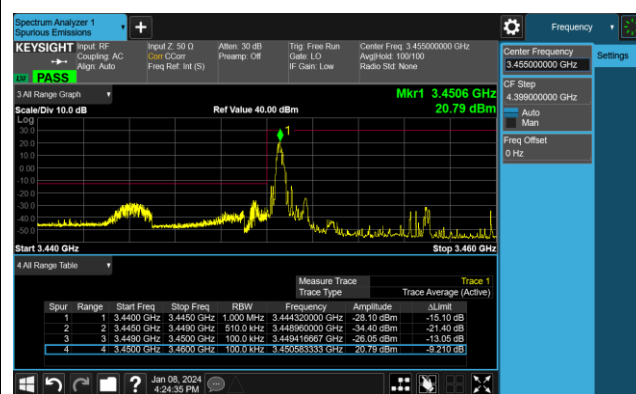


##### Upper Band Edge

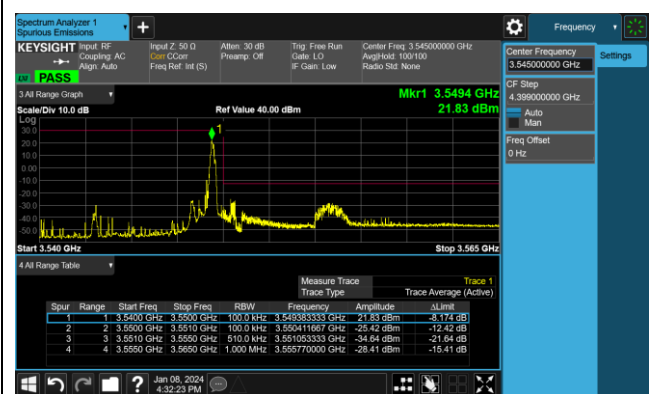


#### 10MHz Channel Bandwidth - 1RB

##### Lower Band Edge

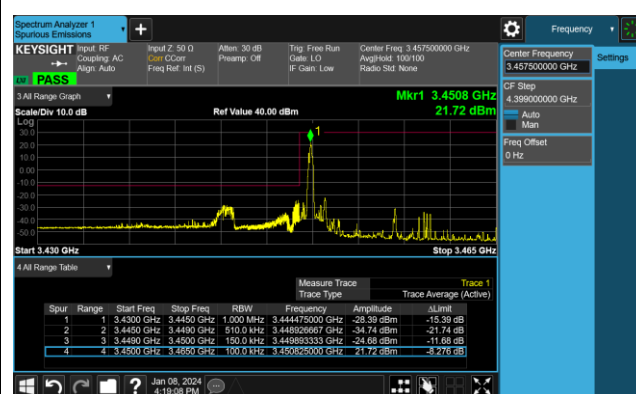


##### Upper Band Edge

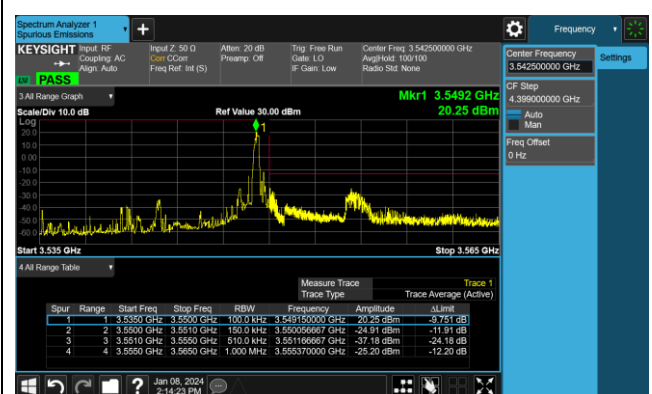


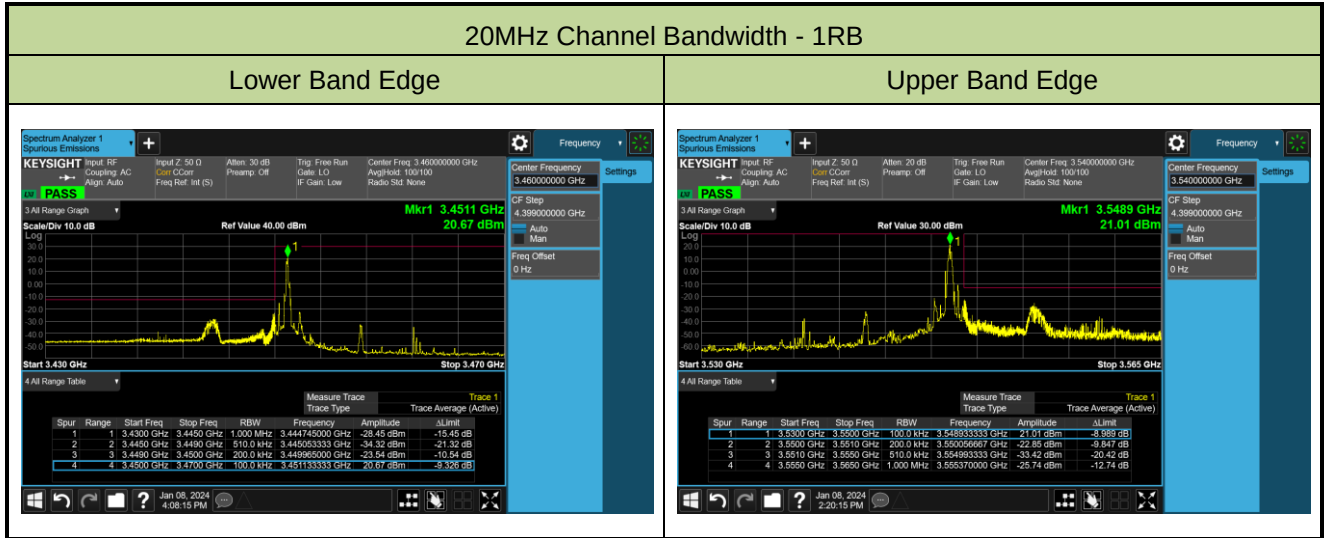
#### 15MHz Channel Bandwidth - 1RB

##### Lower Band Edge



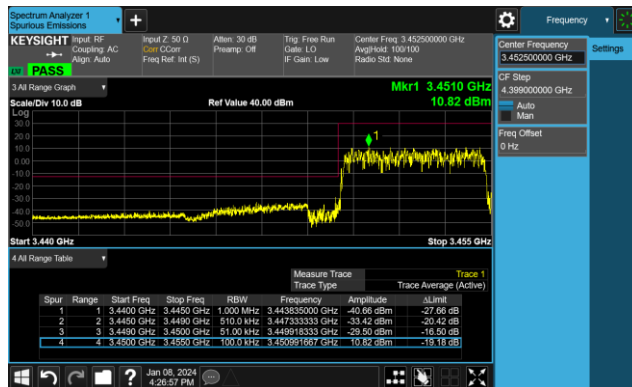
##### Upper Band Edge



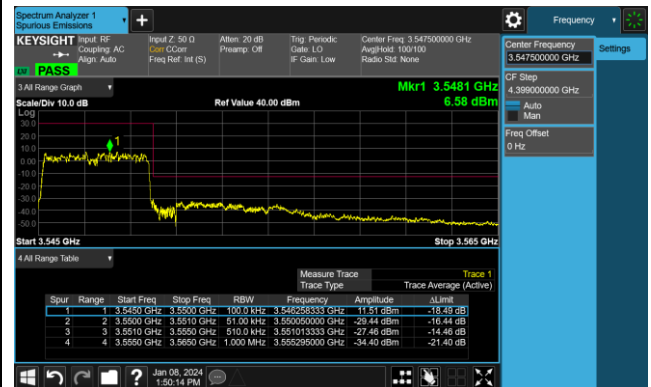


## 5MHz Channel Bandwidth - Full RB

## Lower Band Edge

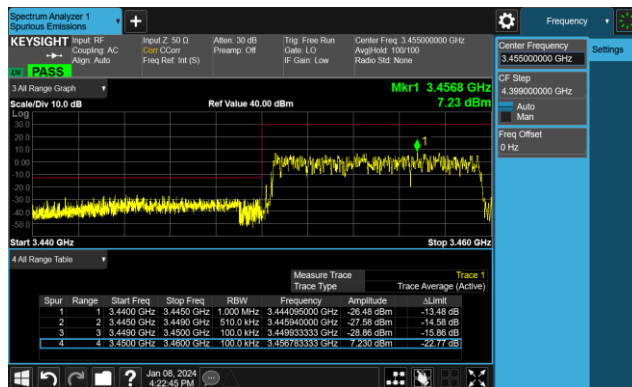


## Upper Band Edge

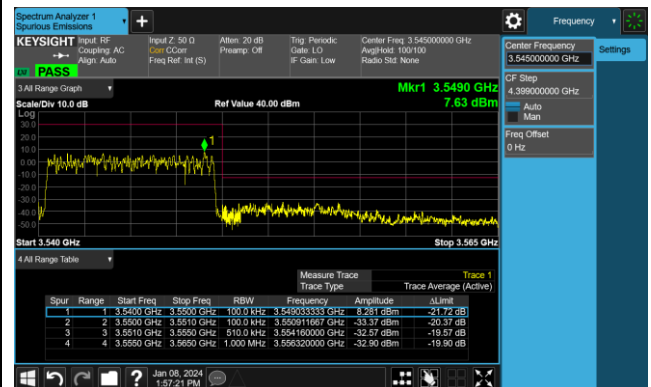


## 10MHz Channel Bandwidth - Full RB

## Lower Band Edge



## Upper Band Edge

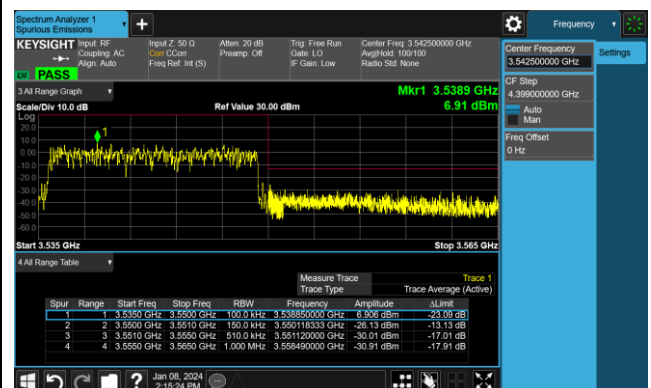


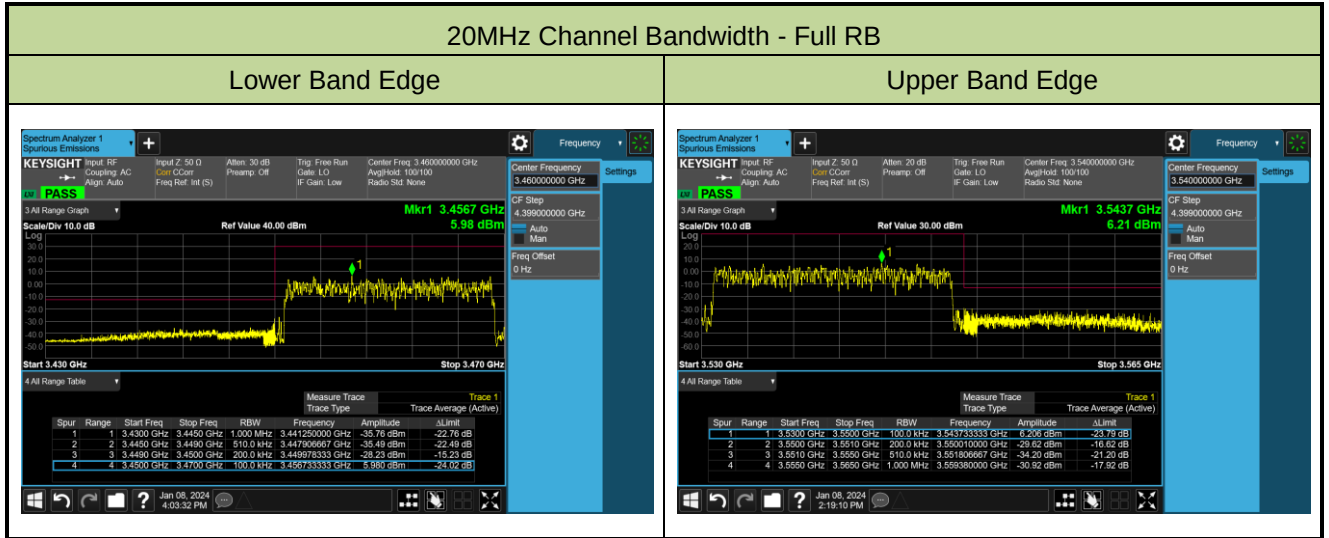
## 15MHz Channel Bandwidth - Full RB

## Lower Band Edge

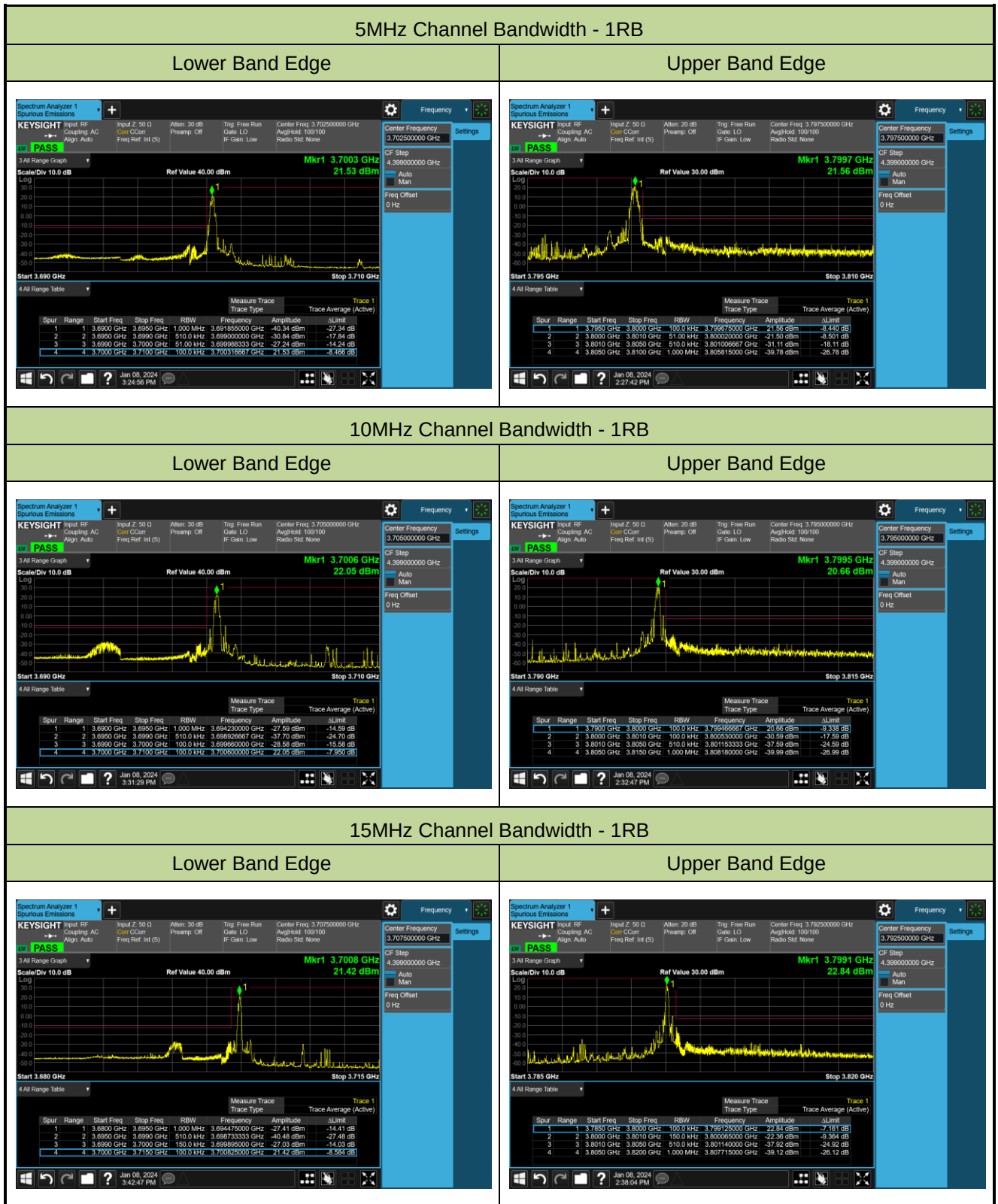


## Upper Band Edge



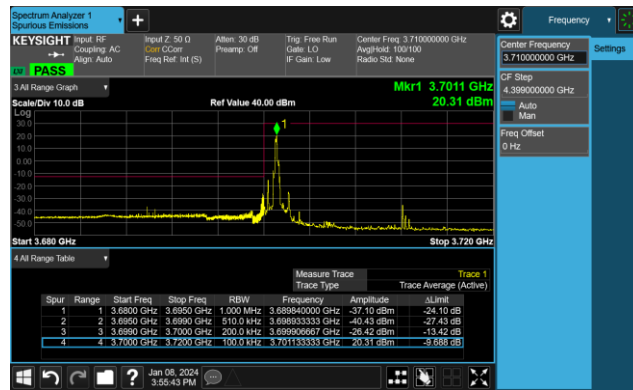


|           |                         |               |              |
|-----------|-------------------------|---------------|--------------|
| Test Site | SIP-SR1                 | Test Engineer | Yoniter Yang |
| Test Date | 2024-01-08 ~ 2024-01-25 | Test Band     | LTE Band 43  |

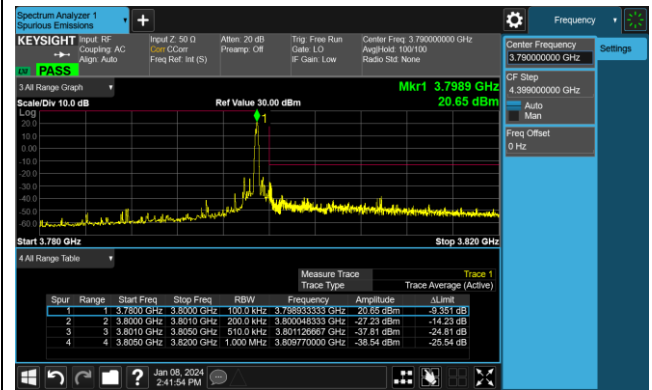


## 20MHz Channel Bandwidth - 1RB

## Lower Band Edge

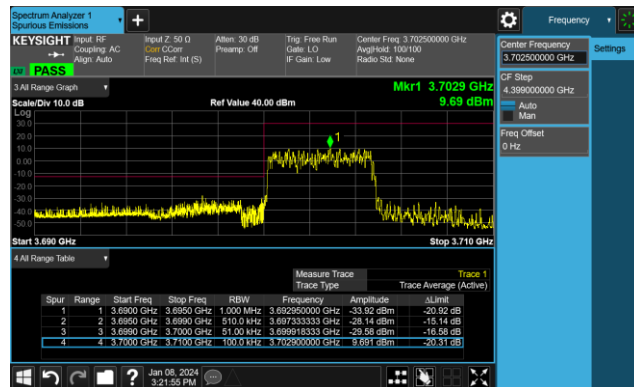


## Upper Band Edge

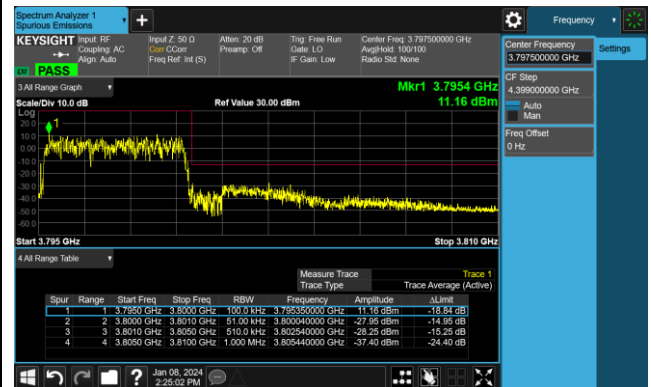


## 5MHz Channel Bandwidth - Full RB

## Lower Band Edge

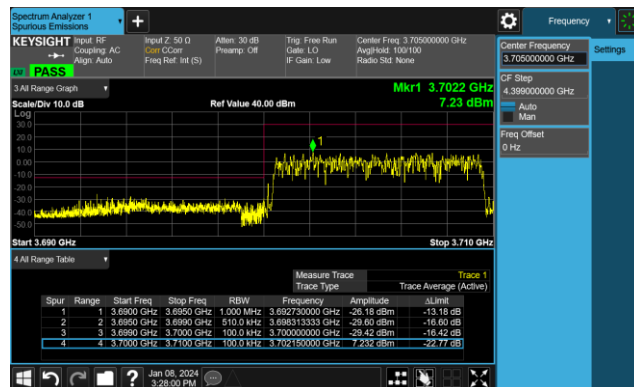


## Upper Band Edge

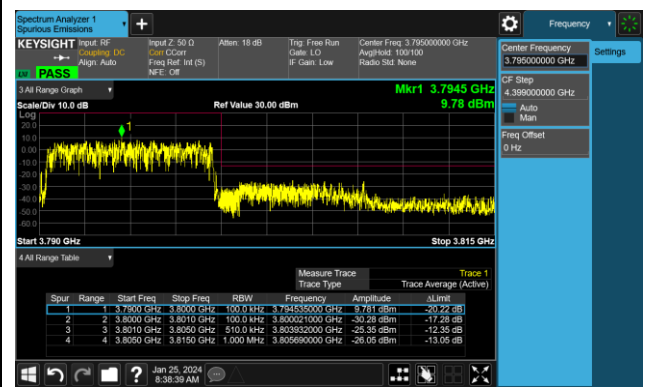


## 10MHz Channel Bandwidth - Full RB

## Lower Band Edge

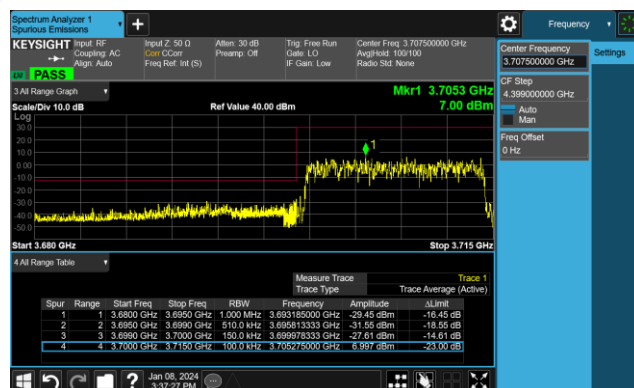


## Upper Band Edge

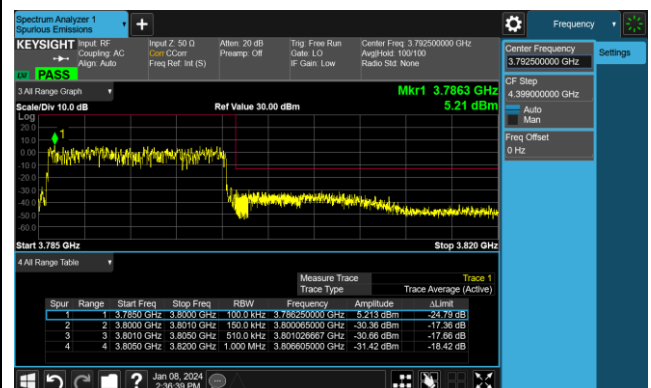


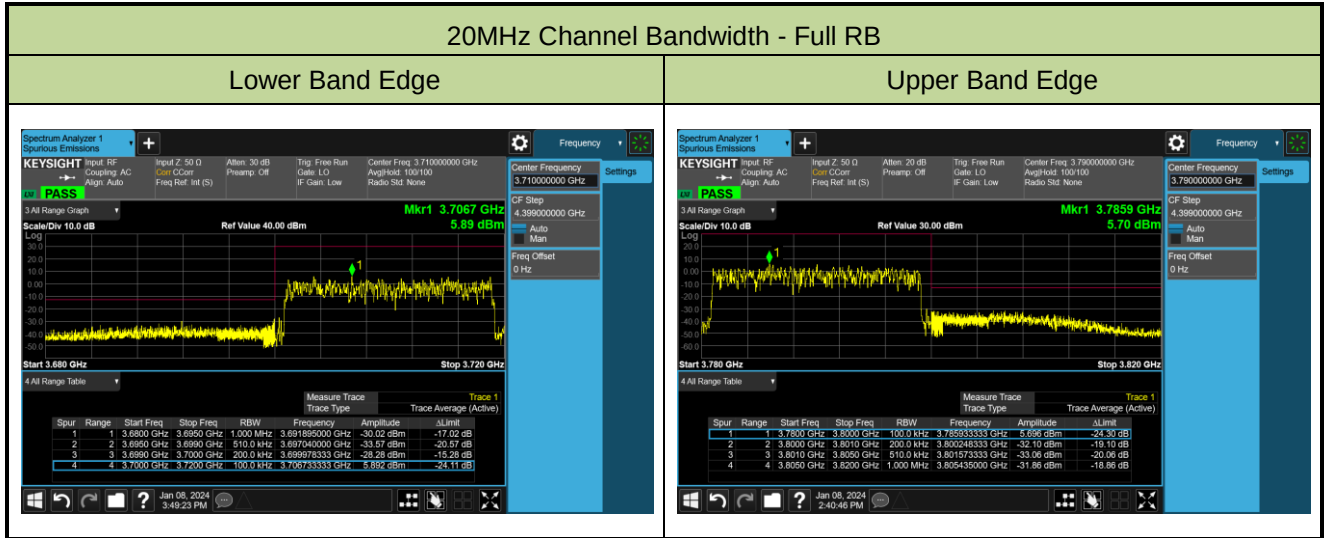
## 15MHz Channel Bandwidth - Full RB

## Lower Band Edge



## Upper Band Edge





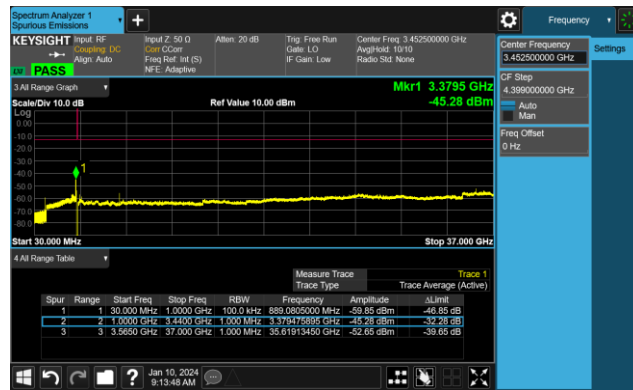
### A.6 Conducted Spurious Emissions Test Result

|           |            |               |                       |
|-----------|------------|---------------|-----------------------|
| Test Site | SIP-SR1    | Test Engineer | Yoniter Yang          |
| Test Date | 2024-01-10 | Test Band     | LTE Band 42 1RB, QPSK |

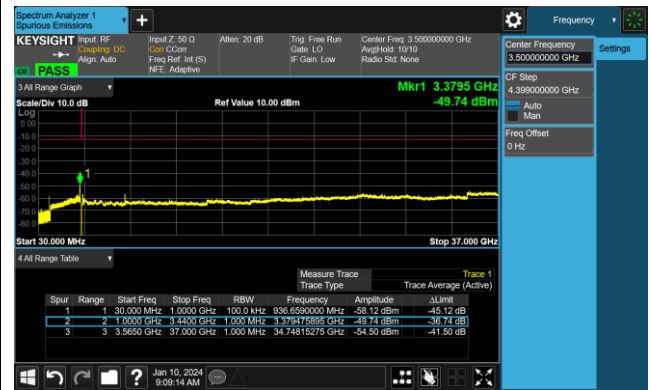
| Channel Bandwidth (MHz) | Frequency (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|-------------------------|-----------------|-----------------------|------------------------------|-------------|--------|
| 5                       | 3452.5          | 30 ~ 37000            | -45.28                       | ≤ -13.00    | Pass   |
| 5                       | 3500.0          | 30 ~ 37000            | -49.74                       | ≤ -13.00    | Pass   |
| 5                       | 3547.5          | 30 ~ 37000            | -44.82                       | ≤ -13.00    | Pass   |
| 10                      | 3455.0          | 30 ~ 37000            | -45.69                       | ≤ -13.00    | Pass   |
| 10                      | 3500.0          | 30 ~ 37000            | -50.34                       | ≤ -13.00    | Pass   |
| 10                      | 3545.0          | 30 ~ 37000            | -44.52                       | ≤ -13.00    | Pass   |
| 15                      | 3457.5          | 30 ~ 37000            | -44.73                       | ≤ -13.00    | Pass   |
| 15                      | 3500.0          | 30 ~ 37000            | -46.37                       | ≤ -13.00    | Pass   |
| 15                      | 3542.5          | 30 ~ 37000            | -44.82                       | ≤ -13.00    | Pass   |
| 20                      | 3460.0          | 30 ~ 37000            | -45.50                       | ≤ -13.00    | Pass   |
| 20                      | 3500.0          | 30 ~ 37000            | -45.43                       | ≤ -13.00    | Pass   |
| 20                      | 3540.0          | 30 ~ 37000            | -45.09                       | ≤ -13.00    | Pass   |

## 5MHz Channel Bandwidth

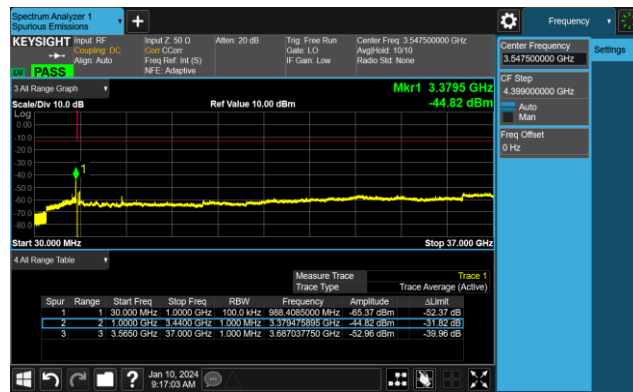
## Low Channel



## Middle Channel

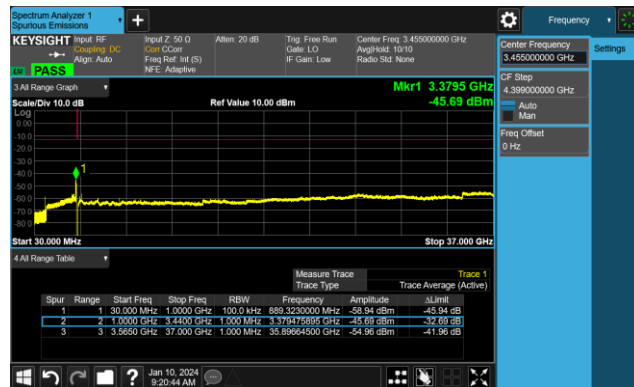


## High Channel

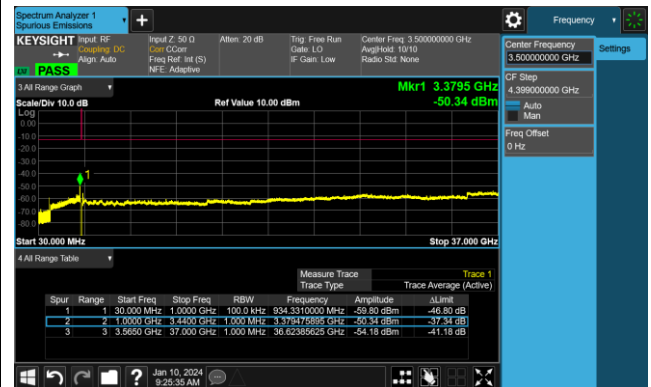


## 10MHz Channel Bandwidth

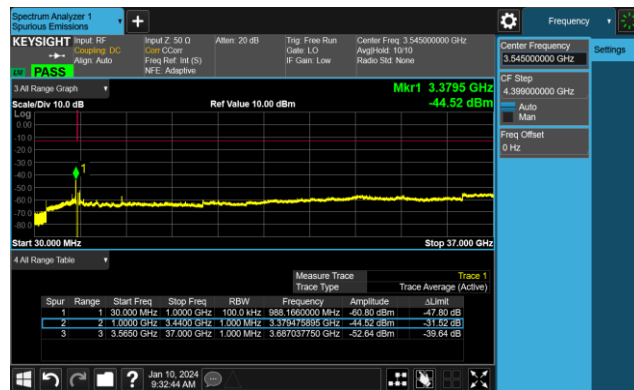
## Low Channel



## Middle Channel

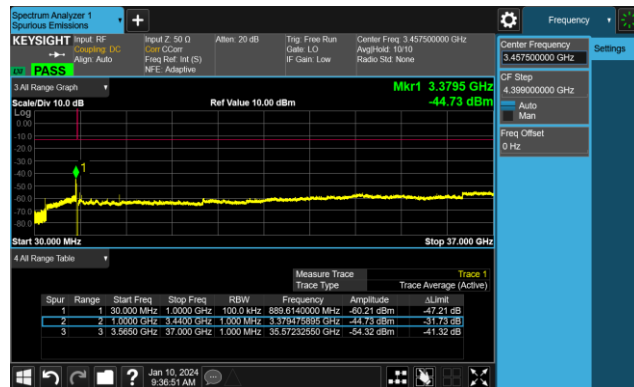


## High Channel

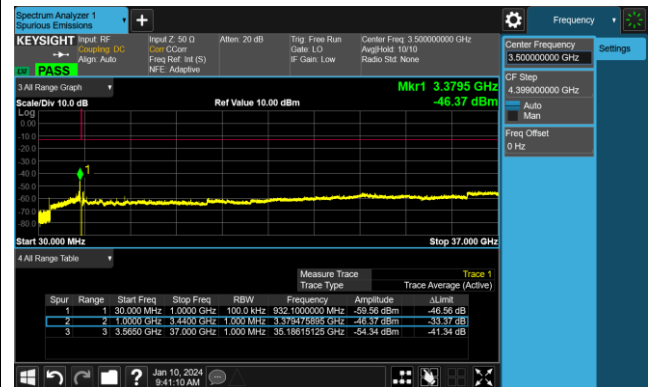


## 15MHz Channel Bandwidth

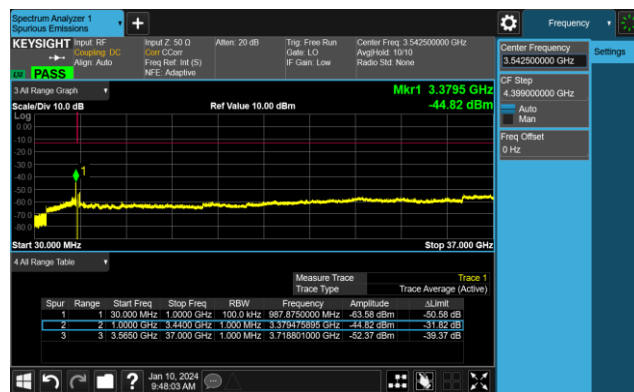
## Low Channel



## Middle Channel

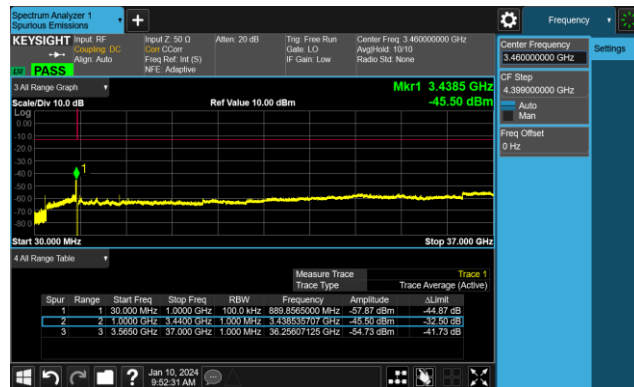


## High Channel

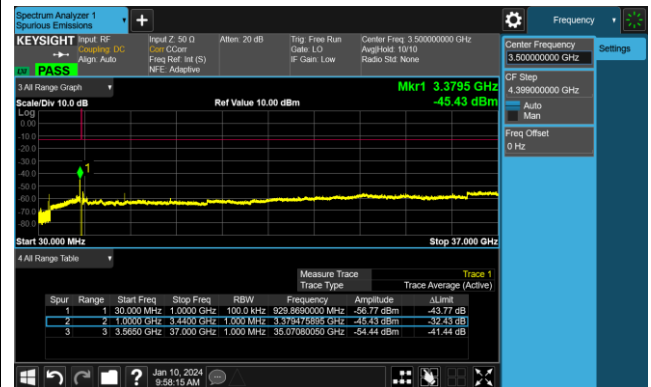


## 20MHz Channel Bandwidth

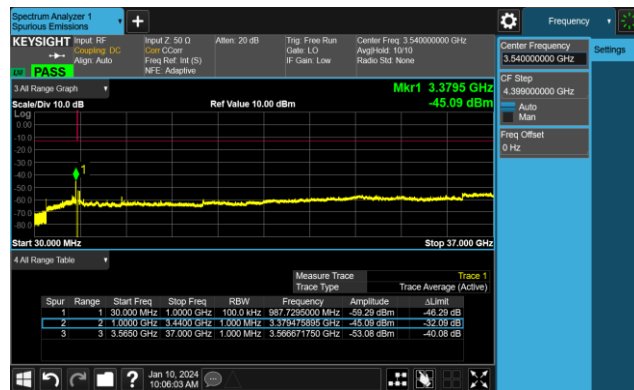
## Low Channel



## Middle Channel



## High Channel

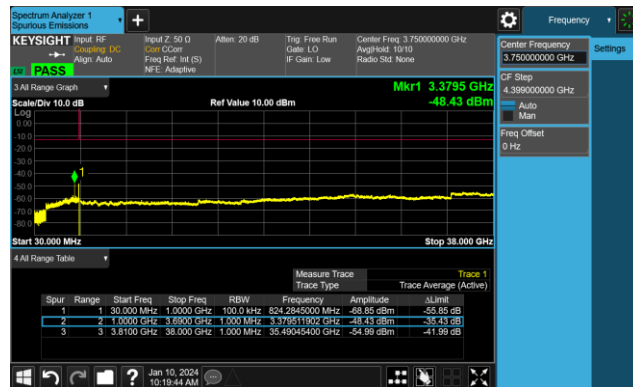


|           |            |               |                       |
|-----------|------------|---------------|-----------------------|
| Test Site | SIP-SR1    | Test Engineer | Yoniter Yang          |
| Test Date | 2024-01-10 | Test Band     | LTE Band 43 1RB, QPSK |

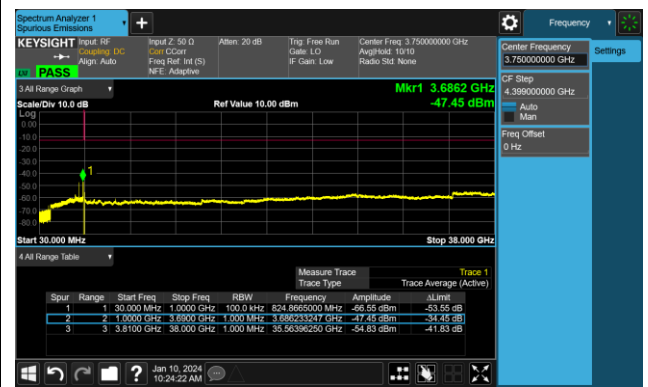
| Channel Bandwidth (MHz) | Frequency (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|-------------------------|-----------------|-----------------------|------------------------------|-------------|--------|
| 5                       | 3702.5          | 30 ~ 38000            | -48.43                       | ≤ -13.00    | Pass   |
| 5                       | 3750.0          | 30 ~ 38000            | -47.45                       | ≤ -13.00    | Pass   |
| 5                       | 3797.5          | 30 ~ 38000            | -44.94                       | ≤ -13.00    | Pass   |
| 10                      | 3705.0          | 30 ~ 38000            | -46.78                       | ≤ -13.00    | Pass   |
| 10                      | 3750.0          | 30 ~ 38000            | -48.84                       | ≤ -13.00    | Pass   |
| 10                      | 3795.0          | 30 ~ 38000            | -44.66                       | ≤ -13.00    | Pass   |
| 15                      | 3707.5          | 30 ~ 38000            | -46.71                       | ≤ -13.00    | Pass   |
| 15                      | 3750.0          | 30 ~ 38000            | -43.80                       | ≤ -13.00    | Pass   |
| 15                      | 3792.5          | 30 ~ 38000            | -45.09                       | ≤ -13.00    | Pass   |
| 20                      | 3710.0          | 30 ~ 38000            | -46.14                       | ≤ -13.00    | Pass   |
| 20                      | 3750.0          | 30 ~ 38000            | -49.00                       | ≤ -13.00    | Pass   |
| 20                      | 3790.0          | 30 ~ 38000            | -45.50                       | ≤ -13.00    | Pass   |

## 5MHz Channel Bandwidth

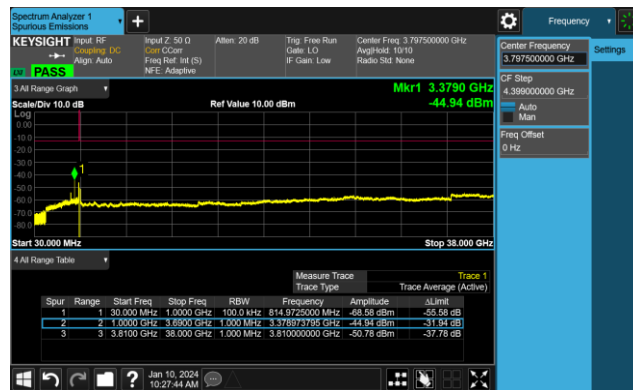
## Low Channel



## Middle Channel

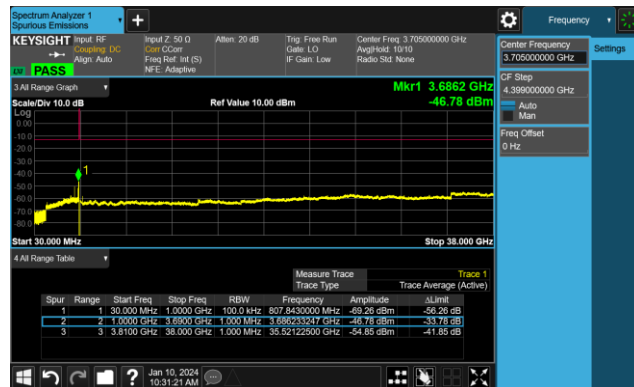


## High Channel

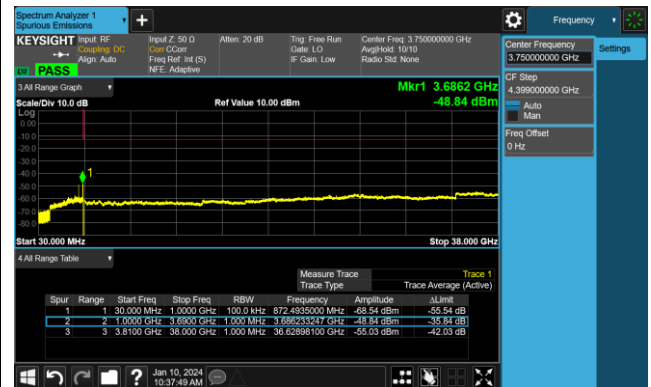


## 10MHz Channel Bandwidth

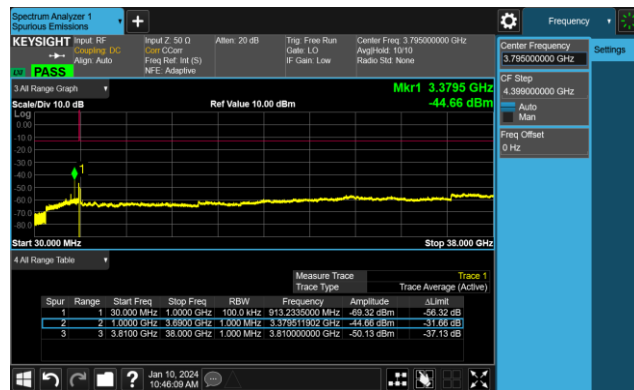
## Low Channel



## Middle Channel

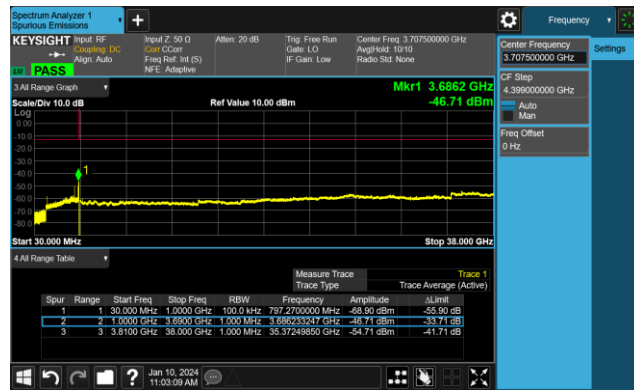


## High Channel

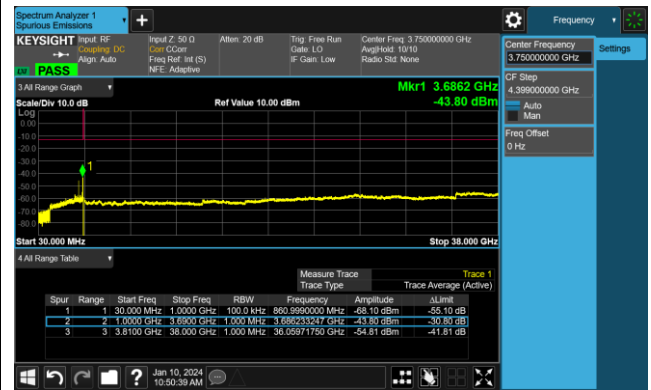


## 15MHz Channel Bandwidth

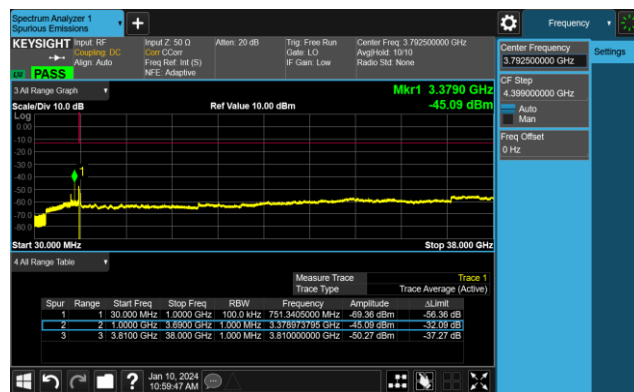
## Low Channel



## Middle Channel

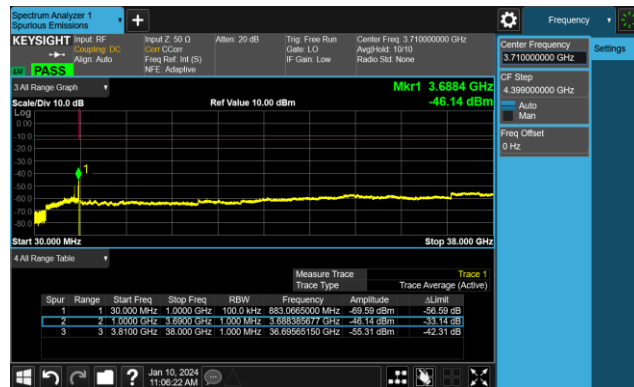


## High Channel

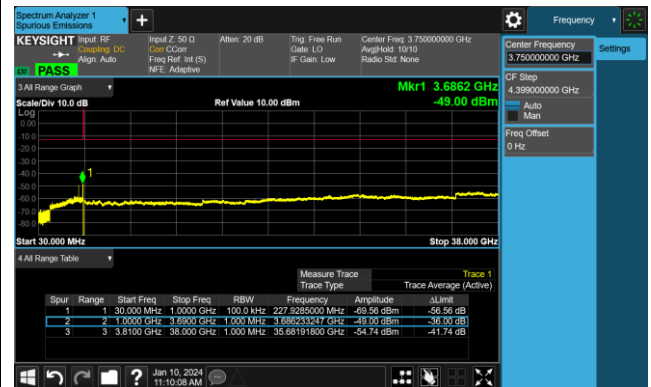


## 20MHz Channel Bandwidth

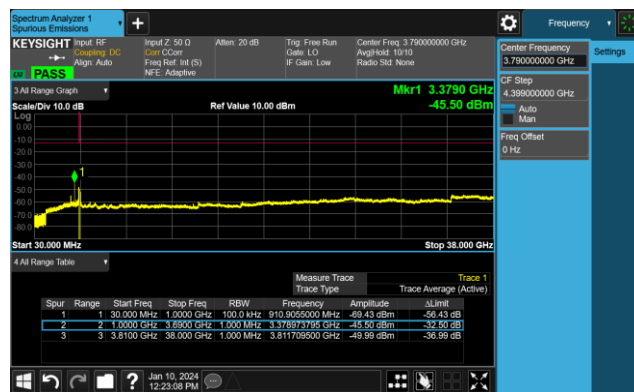
## Low Channel



## Middle Channel



## High Channel



### A.7 Radiated Spurious Emissions Test Result

|           |                         |               |                        |
|-----------|-------------------------|---------------|------------------------|
| Test Site | WZ-AC2                  | Test Engineer | Dick Shen              |
| Test Date | 2024-01-11 ~ 2024-01-17 | Test Band     | LTE Band 42, 1RB, QPSK |

| Frequency<br>(MHz) | Reading Level<br>(dBμV) | Factor<br>(dB/m) | Measure Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector   | Polarization |
|--------------------|-------------------------|------------------|---------------------------|-------------------|----------------|------------|--------------|
| Low Channel        |                         |                  |                           |                   |                |            |              |
| 57.160             | 1.3                     | 19.8             | 21.1                      | 82.3              | -61.2          | Quasi-peak | Horizontal   |
| 384.100            | 5.5                     | 23.0             | 28.5                      | 82.3              | -53.8          | Quasi-peak | Horizontal   |
| 38.600             | 15.3                    | 18.6             | 33.9                      | 82.3              | -48.4          | Quasi-peak | Vertical     |
| 140.400            | 10.3                    | 15.1             | 25.4                      | 82.3              | -56.9          | Quasi-peak | Vertical     |
| 6899.000           | 38.6                    | 9.0              | 47.6                      | 82.3              | -34.7          | Peak       | Horizontal   |
| 14931.500          | 32.4                    | 19.7             | 52.1                      | 82.3              | -30.2          | Peak       | Horizontal   |
| 6899.000           | 46.7                    | 9.0              | 55.7                      | 82.3              | -26.6          | Peak       | Vertical     |
| 14540.500          | 32.6                    | 19.9             | 52.5                      | 82.3              | -29.8          | Peak       | Vertical     |
| Middle Channel     |                         |                  |                           |                   |                |            |              |
| 47.460             | 0.2                     | 20.5             | 20.7                      | 82.3              | -61.6          | Quasi-peak | Horizontal   |
| 353.495            | 4.6                     | 22.6             | 27.2                      | 82.3              | -55.1          | Quasi-peak | Horizontal   |
| 40.670             | 14.6                    | 19.4             | 34.0                      | 82.3              | -48.3          | Quasi-peak | Vertical     |
| 141.060            | 7.9                     | 15.1             | 23.0                      | 82.3              | -59.3          | Quasi-peak | Vertical     |
| 9185.500           | 33.0                    | 13.5             | 46.5                      | 82.3              | -35.8          | Peak       | Horizontal   |
| 14931.500          | 32.6                    | 19.7             | 52.3                      | 82.3              | -30.0          | Peak       | Horizontal   |
| 7094.500           | 37.9                    | 11.0             | 48.9                      | 82.3              | -33.4          | Peak       | Vertical     |
| 14379.000          | 31.4                    | 20.1             | 51.5                      | 82.3              | -30.8          | Peak       | Vertical     |
| High Channel       |                         |                  |                           |                   |                |            |              |
| 41.150             | 1.3                     | 19.5             | 20.8                      | 82.3              | -61.5          | Quasi-peak | Horizontal   |
| 338.460            | 6.8                     | 22.4             | 29.2                      | 82.3              | -53.1          | Quasi-peak | Horizontal   |
| 38.245             | 17.2                    | 18.5             | 35.7                      | 82.3              | -46.6          | Quasi-peak | Vertical     |
| 136.700            | 9.2                     | 15.2             | 24.4                      | 82.3              | -57.9          | Quasi-peak | Vertical     |
| 8565.000           | 33.6                    | 12.2             | 45.8                      | 82.3              | -36.5          | Peak       | Horizontal   |
| 14447.000          | 31.9                    | 20.4             | 52.3                      | 82.3              | -30.0          | Peak       | Horizontal   |
| 7094.500           | 39.6                    | 11.0             | 50.6                      | 82.3              | -31.7          | Peak       | Vertical     |
| 14931.500          | 32.7                    | 19.7             | 52.4                      | 82.3              | -29.9          | Peak       | Vertical     |

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

|           |                         |               |                        |
|-----------|-------------------------|---------------|------------------------|
| Test Site | WZ-AC2                  | Test Engineer | Dick Shen              |
| Test Date | 2024-01-11 ~ 2024-01-17 | Test Band     | LTE Band 43, 1RB, QPSK |

| Frequency<br>(MHz) | Reading Level<br>(dBμV) | Factor<br>(dB/m) | Measure Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector   | Polarization |
|--------------------|-------------------------|------------------|---------------------------|-------------------|----------------|------------|--------------|
| Low Channel        |                         |                  |                           |                   |                |            |              |
| 54.735             | 1.3                     | 20.2             | 21.5                      | 82.3              | -60.8          | Quasi-peak | Horizontal   |
| 345.735            | 4.6                     | 22.7             | 27.3                      | 82.3              | -55.0          | Quasi-peak | Horizontal   |
| 38.240             | 18.6                    | 18.5             | 37.1                      | 82.3              | -45.2          | Quasi-peak | Vertical     |
| 141.500            | 8.9                     | 15.0             | 23.9                      | 82.3              | -58.4          | Quasi-peak | Vertical     |
| 7400.500           | 37.3                    | 11.8             | 49.1                      | 82.3              | -33.2          | Peak       | Horizontal   |
| 14948.500          | 32.6                    | 19.4             | 52.0                      | 82.3              | -30.3          | Peak       | Horizontal   |
| 7400.500           | 42.8                    | 11.8             | 54.6                      | 82.3              | -27.7          | Peak       | Vertical     |
| 14438.500          | 31.8                    | 20.2             | 52.0                      | 82.3              | -30.3          | Peak       | Vertical     |
| Middle Channel     |                         |                  |                           |                   |                |            |              |
| 48.900             | 0.2                     | 20.6             | 20.8                      | 82.3              | -61.5          | Quasi-peak | Horizontal   |
| 359.315            | 6.9                     | 22.2             | 29.1                      | 82.3              | -53.2          | Quasi-peak | Horizontal   |
| 38.730             | 16.9                    | 18.6             | 35.5                      | 82.3              | -46.8          | Quasi-peak | Vertical     |
| 138.600            | 8.9                     | 15.1             | 24.0                      | 82.3              | -58.3          | Quasi-peak | Vertical     |
| 7494.000           | 38.0                    | 12.0             | 50.0                      | 82.3              | -32.3          | Peak       | Horizontal   |
| 14532.000          | 32.2                    | 20.1             | 52.3                      | 82.3              | -30.0          | Peak       | Horizontal   |
| 7494.000           | 50.1                    | 12.0             | 62.1                      | 82.3              | -20.2          | Peak       | Vertical     |
| 14124.000          | 32.8                    | 19.9             | 52.7                      | 82.3              | -29.6          | Peak       | Vertical     |
| High Channel       |                         |                  |                           |                   |                |            |              |
| 54.250             | 0.5                     | 20.2             | 20.7                      | 82.3              | -61.6          | Quasi-peak | Horizontal   |
| 358.400            | 8.2                     | 22.2             | 30.4                      | 82.3              | -51.9          | Quasi-peak | Horizontal   |
| 39.700             | 17.3                    | 19.0             | 36.3                      | 82.3              | -46.0          | Quasi-peak | Vertical     |
| 145.400            | 9.3                     | 15.1             | 24.4                      | 82.3              | -57.9          | Quasi-peak | Vertical     |
| 7587.500           | 43.0                    | 11.4             | 54.4                      | 82.3              | -27.9          | Peak       | Horizontal   |
| 14379.000          | 32.6                    | 20.1             | 52.7                      | 82.3              | -29.6          | Peak       | Horizontal   |
| 7587.500           | 52.1                    | 11.4             | 63.5                      | 82.3              | -18.8          | Peak       | Vertical     |
| 13707.500          | 32.8                    | 19.1             | 51.9                      | 82.3              | -30.4          | Peak       | Vertical     |

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)  
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

## **Appendix B - Test Setup Photograph**

Refer to “2401RSU007-UT” file.

## **Appendix C - EUT Photograph**

Refer to "2401RSU007-UE" file.