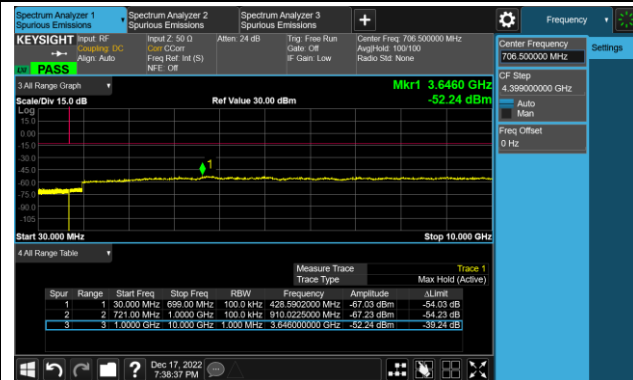
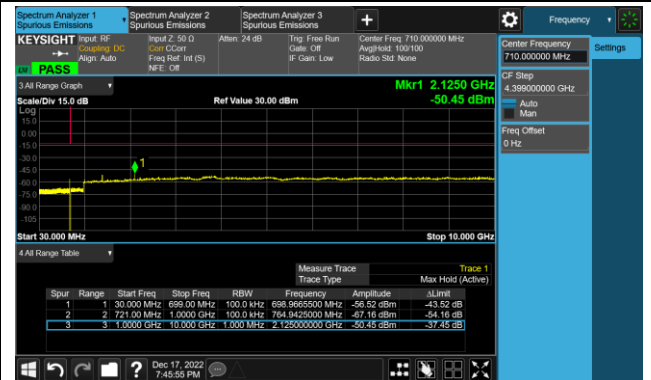


## 5MHz Channel Bandwidth

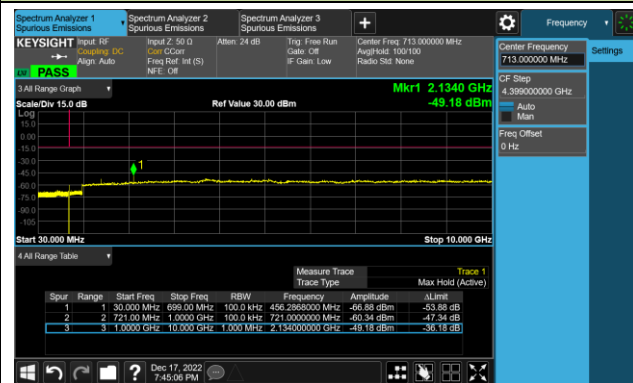
## Channel 23755 (706.5MHz)



## Channel 23790(710.0MHz)

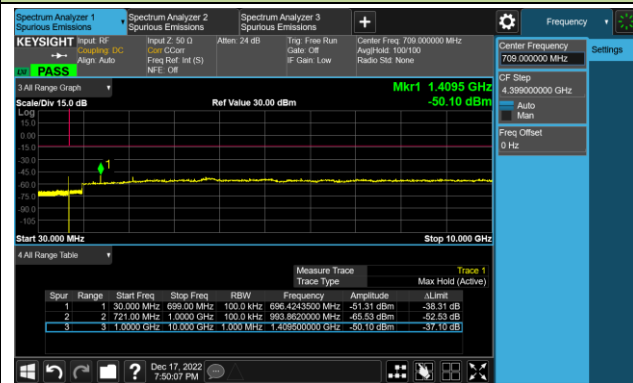


## Channel 23825 (713.5MHz)

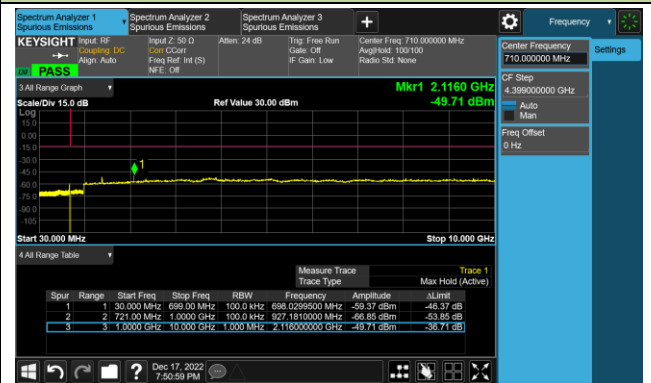


## 10MHz Channel Bandwidth

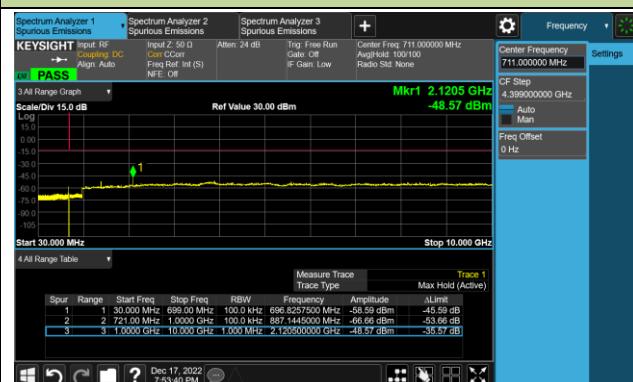
## Channel 23780 (709.0MHz)



## Channel 23790(710.0MHz)



## Channel 23800 (711MHz)

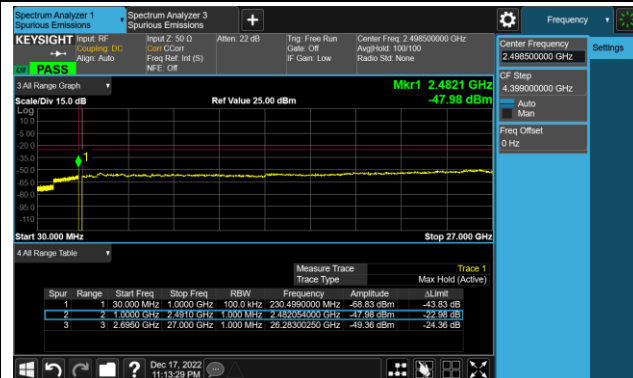


|           |            |               |                                |
|-----------|------------|---------------|--------------------------------|
| Test Site | SIP-SR1    | Test Engineer | Allen Zou                      |
| Test Date | 2022-12-17 | Test Band     | LTE Band 38/41_HPUE, 1RB, QPSK |

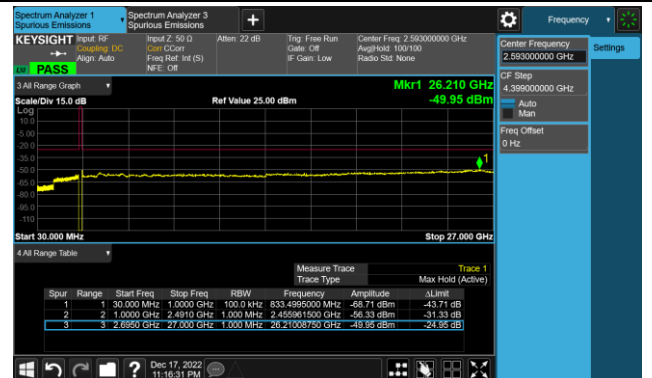
| Frequency<br>(MHz) | Channel<br>Bandwidth (MHz) | Frequency Range<br>(MHz) | Max Spurious<br>Emissions (dBm) | Limit<br>(dBm) | Result |
|--------------------|----------------------------|--------------------------|---------------------------------|----------------|--------|
| 2498.50            | 5                          | 30 ~ 27000               | -47.98                          | ≤ -25.00       | Pass   |
| 2593.00            | 5                          | 30 ~ 27000               | -49.95                          | ≤ -25.00       | Pass   |
| 2687.50            | 5                          | 30 ~ 27000               | -35.78                          | ≤ -25.00       | Pass   |
| 2501.00            | 10                         | 30 ~ 27000               | -48.69                          | ≤ -25.00       | Pass   |
| 2593.00            | 10                         | 30 ~ 27000               | -49.54                          | ≤ -25.00       | Pass   |
| 2685.00            | 10                         | 30 ~ 27000               | -32.25                          | ≤ -25.00       | Pass   |
| 2503.50            | 15                         | 30 ~ 27000               | -45.45                          | ≤ -25.00       | Pass   |
| 2593.00            | 15                         | 30 ~ 27000               | -49.36                          | ≤ -25.00       | Pass   |
| 2682.50            | 15                         | 30 ~ 27000               | -34.48                          | ≤ -25.00       | Pass   |
| 2506.00            | 20                         | 30 ~ 27000               | -49.45                          | ≤ -25.00       | Pass   |
| 2593.00            | 20                         | 30 ~ 27000               | -49.76                          | ≤ -25.00       | Pass   |
| 2680.00            | 20                         | 30 ~ 27000               | -38.02                          | ≤ -25.00       | Pass   |

## 5MHz Channel Bandwidth

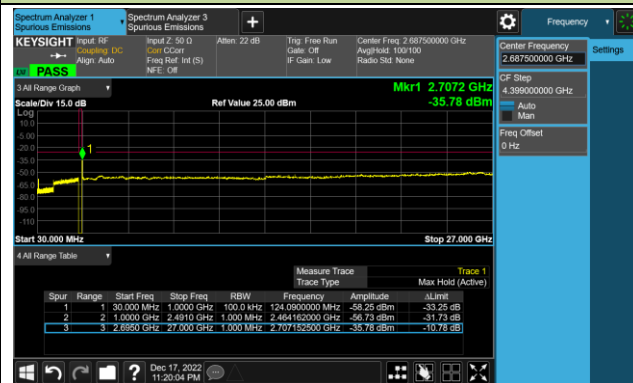
## Channel 39675 (2498.5MHz)



## Channel 40620 (2593MHz)

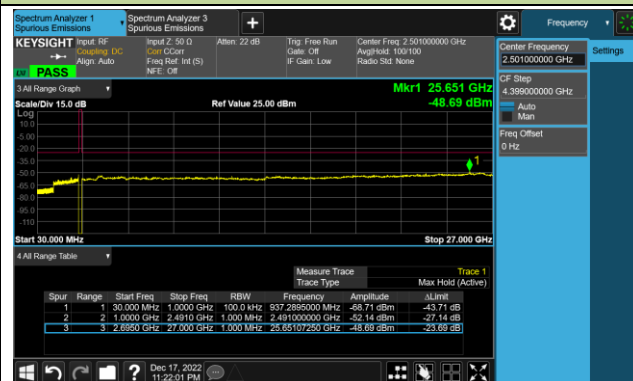


## Channel 40565 (2687.5MHz)

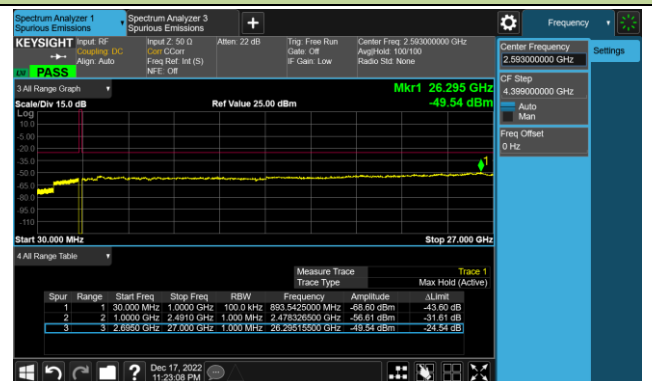


## 10MHz Channel Bandwidth

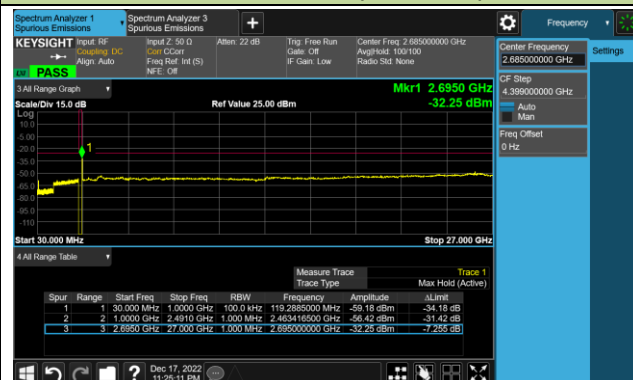
## Channel 39700 (2501MHz)



## Channel 40620 (2593MHz)

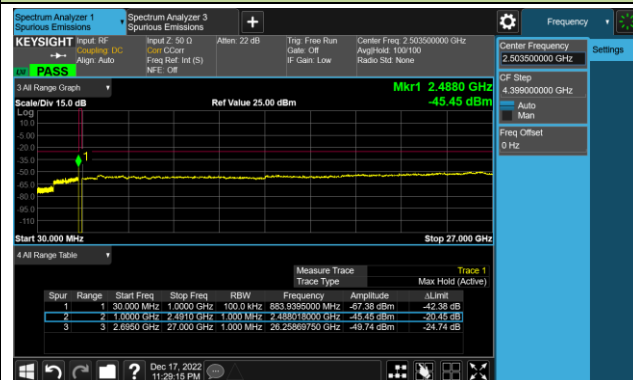


## Channel 41540 (2685MHz)

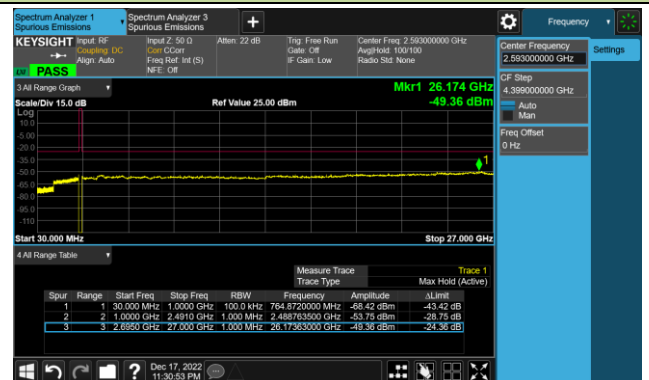


## 15MHz Channel Bandwidth

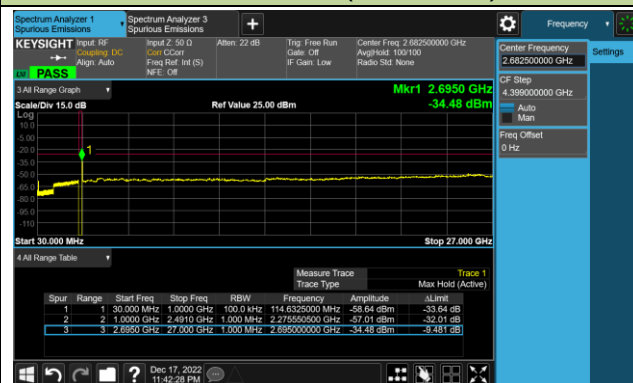
## Channel 39725 (2503.5MHz)



## Channel 40620 (2593MHz)

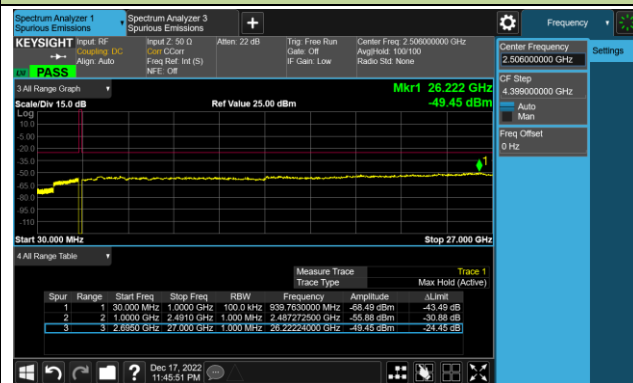


## Channel 41515 (2682.5MHz)

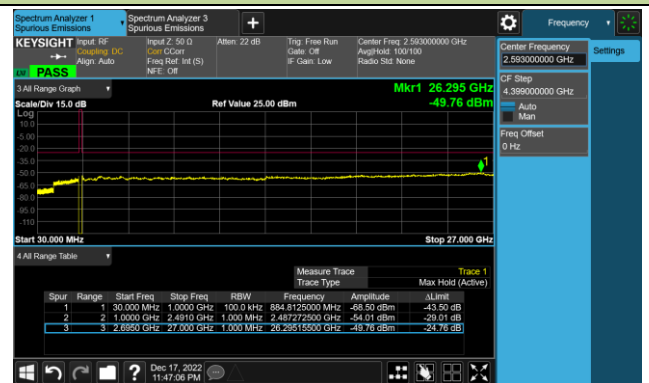


## 20MHz Channel Bandwidth

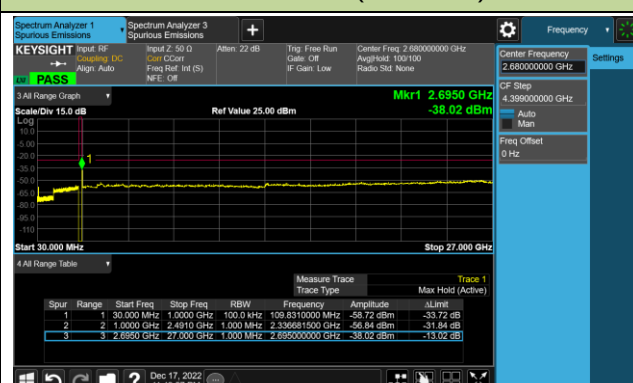
## Channel 39750 (2506MHz)



## Channel 40620 (2593MHz)



## Channel 41490 (2680MHz)

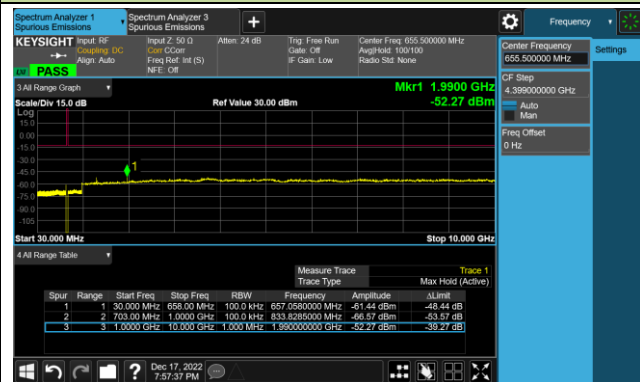


|           |            |               |                        |
|-----------|------------|---------------|------------------------|
| Test Site | SIP-SR1    | Test Engineer | Allen Zou              |
| Test Date | 2022-12-17 | Test Band     | LTE Band 71, 1RB, QPSK |

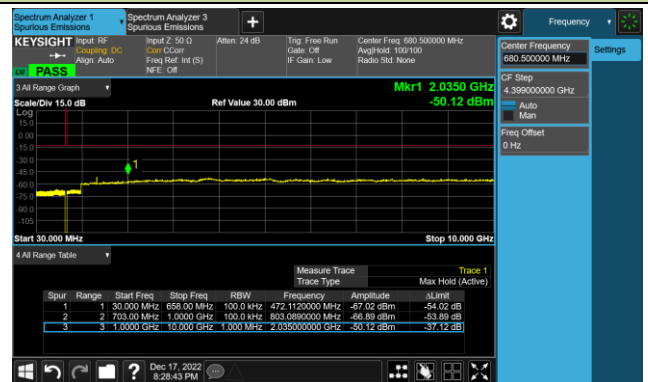
| Frequency<br>(MHz) | Channel<br>Bandwidth (MHz) | Frequency Range<br>(MHz) | Max Spurious<br>Emissions (dBm) | Limit<br>(dBm) | Result |
|--------------------|----------------------------|--------------------------|---------------------------------|----------------|--------|
| 665.5              | 5                          | 30 ~ 10000               | -52.27                          | ≤ -13.00       | Pass   |
| 680.5              | 5                          | 30 ~ 10000               | -50.12                          | ≤ -13.00       | Pass   |
| 695.5              | 5                          | 30 ~ 10000               | -51.08                          | ≤ -13.00       | Pass   |
| 668.0              | 10                         | 30 ~ 10000               | -38.56                          | ≤ -13.00       | Pass   |
| 680.5              | 10                         | 30 ~ 10000               | -36.37                          | ≤ -13.00       | Pass   |
| 693.0              | 10                         | 30 ~ 10000               | -35.69                          | ≤ -13.00       | Pass   |
| 670.5              | 15                         | 30 ~ 10000               | -38.63                          | ≤ -13.00       | Pass   |
| 680.5              | 15                         | 30 ~ 10000               | -37.39                          | ≤ -13.00       | Pass   |
| 690.5              | 15                         | 30 ~ 10000               | -37.89                          | ≤ -13.00       | Pass   |
| 673.0              | 20                         | 30 ~ 10000               | -38.57                          | ≤ -13.00       | Pass   |
| 683.0              | 20                         | 30 ~ 10000               | -37.59                          | ≤ -13.00       | Pass   |
| 688.0              | 20                         | 30 ~ 10000               | -37.62                          | ≤ -13.00       | Pass   |

## 5MHz Channel Bandwidth

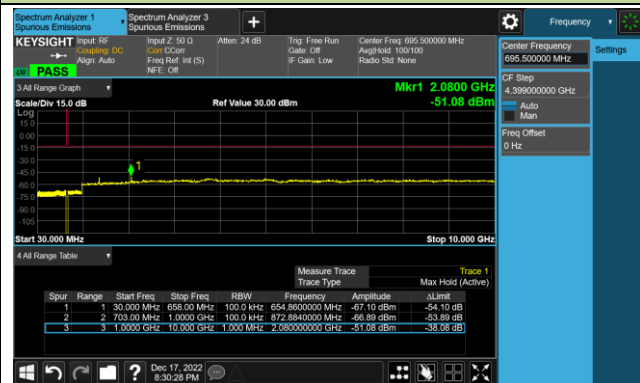
## Channel 133147 (665.5MHz)



## Channel 133297 (680.5MHz)

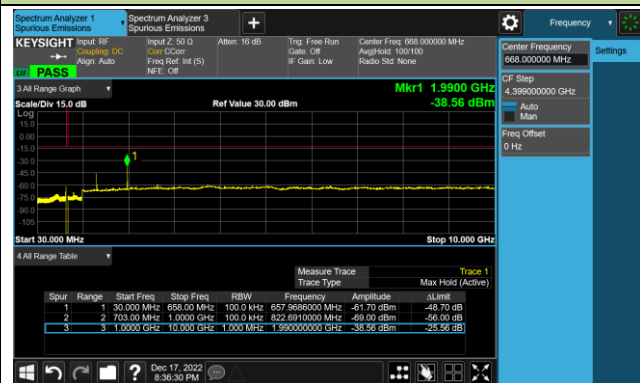


## Channel 133447 (695.5MHz)

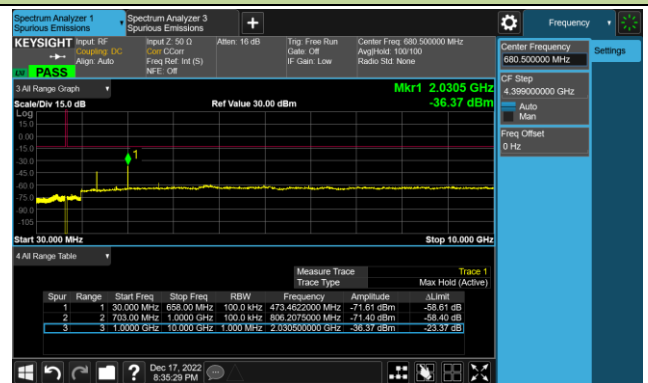


## 10MHz Channel Bandwidth

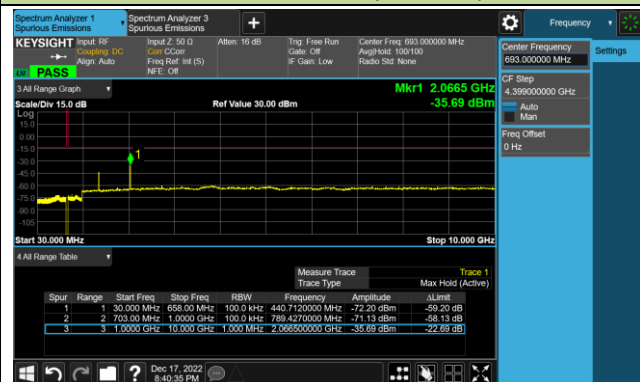
## Channel 133172 (668.0MHz)



## Channel 133297 (680.5MHz)

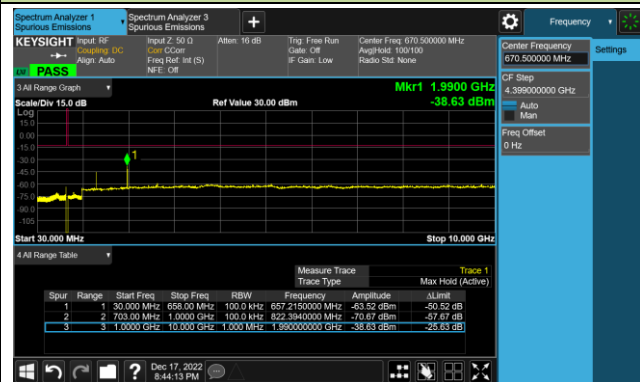


## Channel 133422 (693MHz)

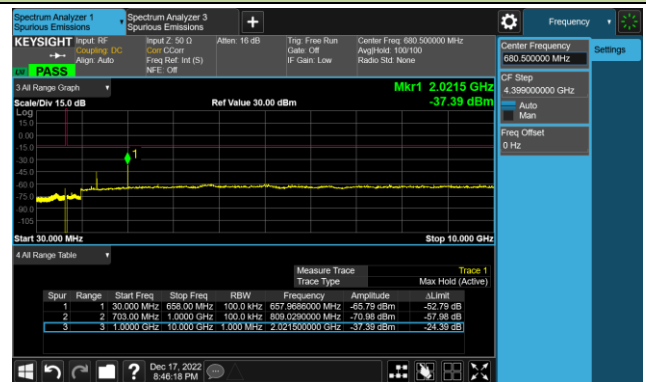


## 15MHz Channel Bandwidth

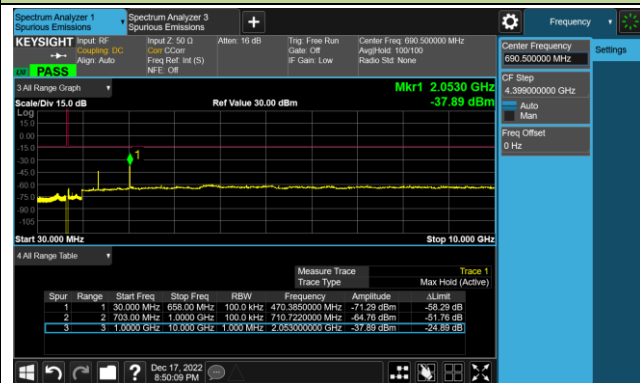
## Channel 133197 (670.5MHz)



## Channel 133297 (680.5MHz)

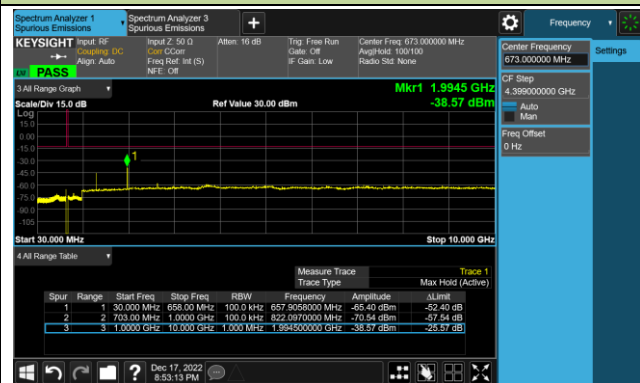


## Channel 133397 (690.5MHz)

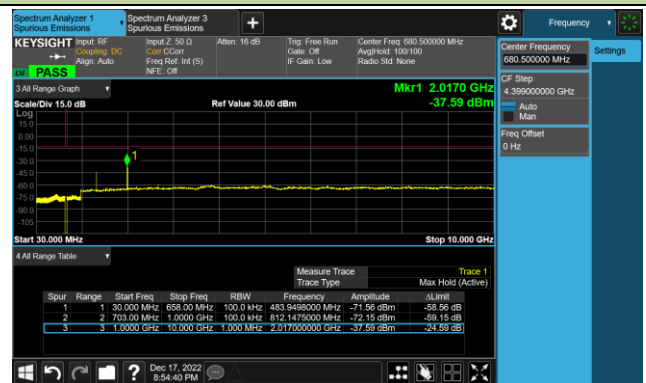


## 20MHz Channel Bandwidth

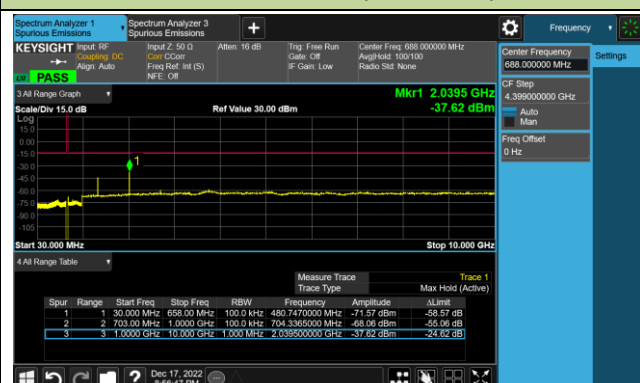
## Channel 133222 (673.0MHz)



## Channel 133322 (683.0MHz)



## Channel 133372 (688.0MHz)

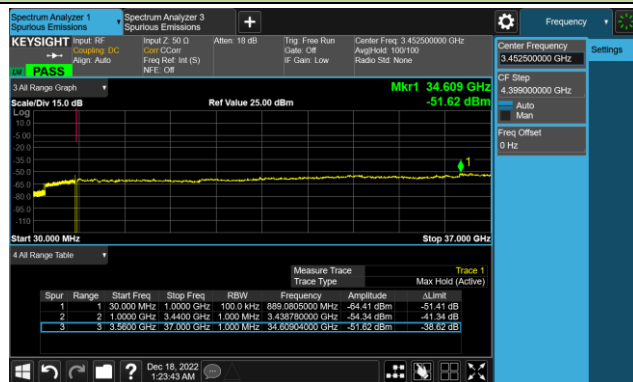


|           |            |               |                             |
|-----------|------------|---------------|-----------------------------|
| Test Site | SIP-SR1    | Test Engineer | Allen Zou                   |
| Test Date | 2022-12-18 | Test Band     | LTE Band 42_HPUE, 1RB, QPSK |

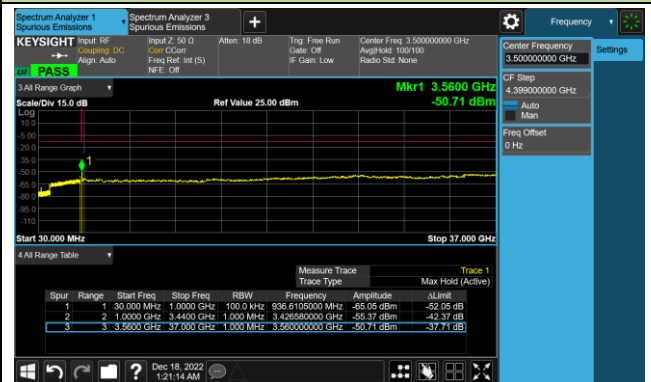
| Frequency<br>(MHz) | Channel<br>Bandwidth (MHz) | Frequency Range<br>(MHz) | Max Spurious<br>Emissions (dBm) | Limit<br>(dBm) | Result |
|--------------------|----------------------------|--------------------------|---------------------------------|----------------|--------|
| 3452.50            | 5                          | 30 ~ 37000               | -51.62                          | ≤ -13.00       | Pass   |
| 3500.00            | 5                          | 30 ~ 37000               | -50.71                          | ≤ -13.00       | Pass   |
| 3547.50            | 5                          | 30 ~ 37000               | -41.81                          | ≤ -13.00       | Pass   |
| 3455.00            | 10                         | 30 ~ 37000               | -52.15                          | ≤ -13.00       | Pass   |
| 3500.00            | 10                         | 30 ~ 37000               | -51.66                          | ≤ -13.00       | Pass   |
| 3545.00            | 10                         | 30 ~ 37000               | -51.56                          | ≤ -13.00       | Pass   |
| 3457.50            | 15                         | 30 ~ 37000               | -40.66                          | ≤ -13.00       | Pass   |
| 3500.00            | 15                         | 30 ~ 37000               | -52.03                          | ≤ -13.00       | Pass   |
| 3542.50            | 15                         | 30 ~ 37000               | -43.54                          | ≤ -13.00       | Pass   |
| 3460.00            | 20                         | 30 ~ 37000               | -40.83                          | ≤ -13.00       | Pass   |
| 3500.00            | 20                         | 30 ~ 37000               | -52.23                          | ≤ -13.00       | Pass   |
| 3540.00            | 20                         | 30 ~ 37000               | -48.65                          | ≤ -13.00       | Pass   |

## 5MHz Channel Bandwidth

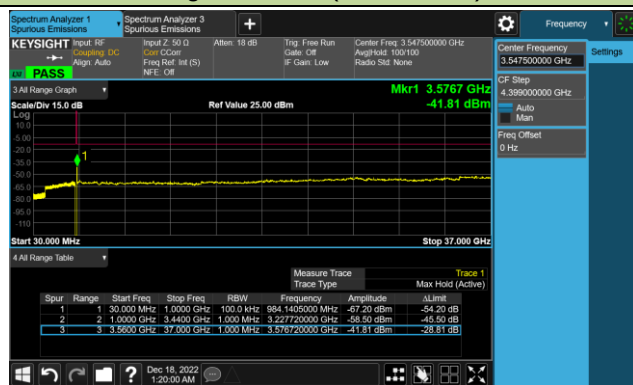
### Low Channel (3452.5MHz)



### Middle Channel (3500MHz)

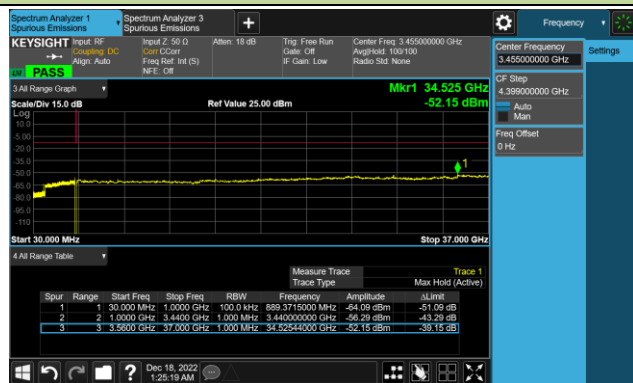


### High Channel (3547.5MHz)

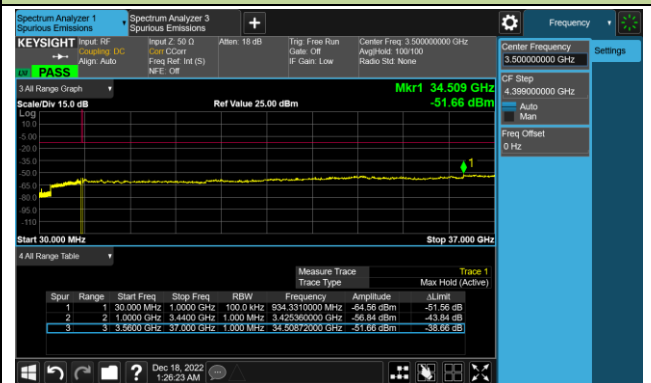


## 10MHz Channel Bandwidth

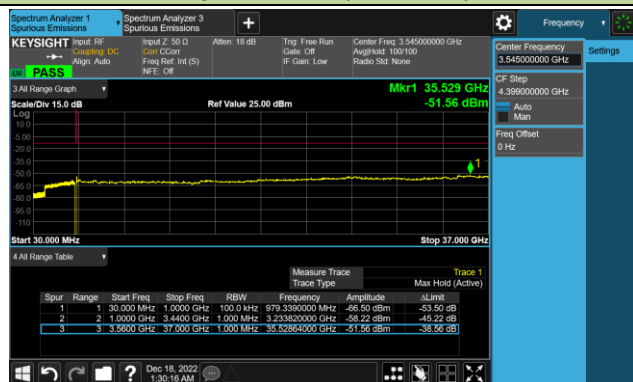
### Low Channel (3455MHz)



### Middle Channel (3500MHz)

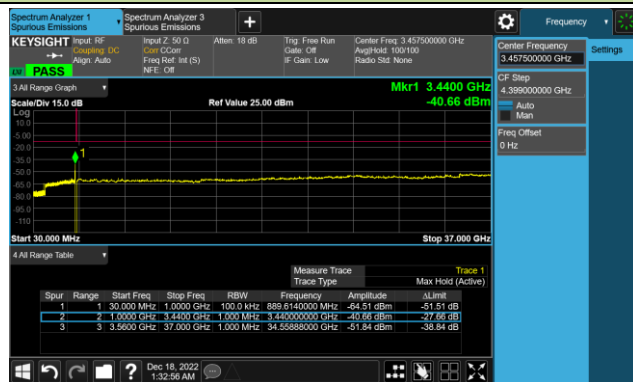


### High Channel (3445MHz)

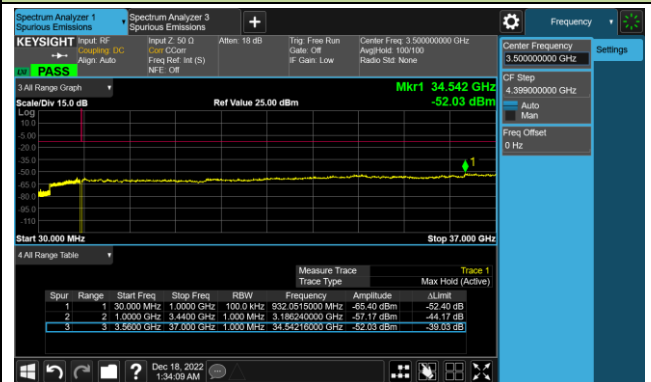


## 15MHz Channel Bandwidth

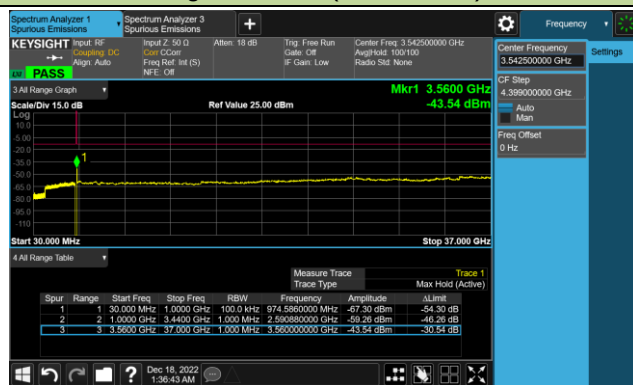
## Low Channel (3457.5MHz)



## Middle Channel (3500MHz)

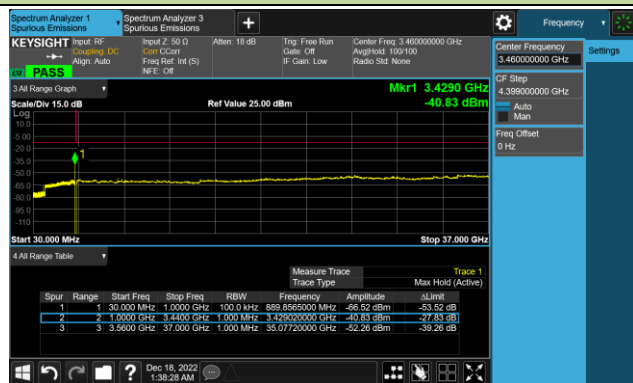


## High Channel (3542.5MHz)

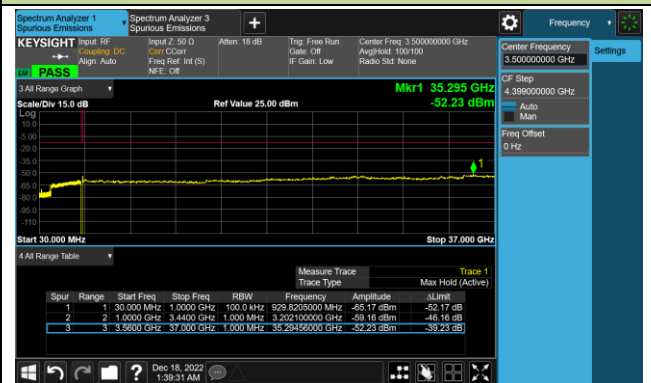


## 20MHz Channel Bandwidth

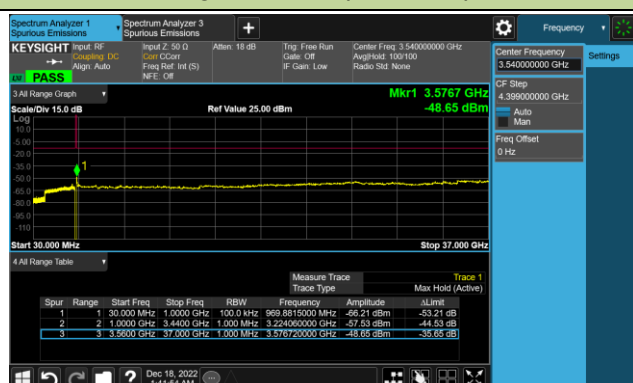
## Low Channel (3460MHz)



## Middle Channel (3500MHz)



## High Channel (3540MHz)

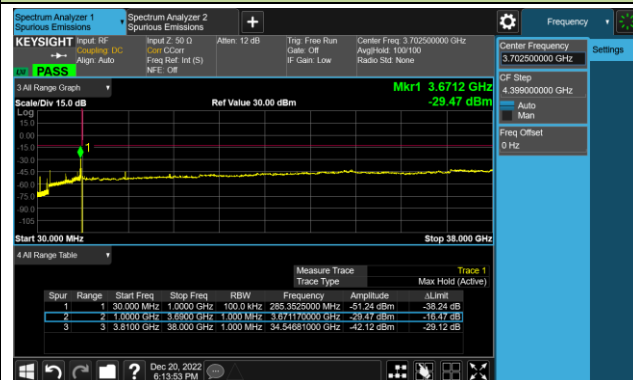


|           |            |               |                             |
|-----------|------------|---------------|-----------------------------|
| Test Site | SIP-SR1    | Test Engineer | Allen Zou                   |
| Test Date | 2022-12-20 | Test Band     | LTE Band 43_HPUE, 1RB, QPSK |

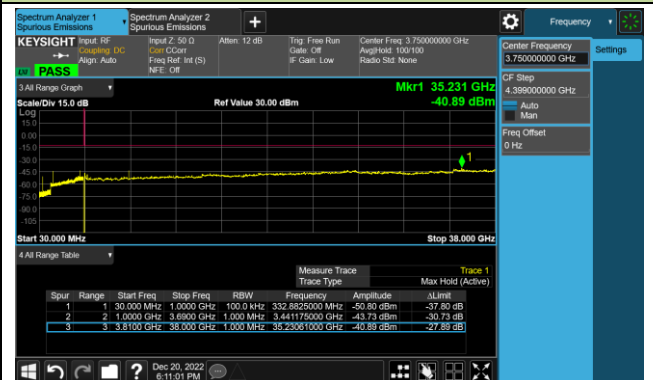
| Frequency<br>(MHz) | Channel<br>Bandwidth (MHz) | Frequency Range<br>(MHz) | Max Spurious<br>Emissions (dBm) | Limit<br>(dBm) | Result |
|--------------------|----------------------------|--------------------------|---------------------------------|----------------|--------|
| 3702.50            | 5                          | 30 ~ 38000               | -29.47                          | ≤ -13.00       | Pass   |
| 3750.00            | 5                          | 30 ~ 38000               | -40.89                          | ≤ -13.00       | Pass   |
| 3797.50            | 5                          | 30 ~ 38000               | -18.88                          | ≤ -13.00       | Pass   |
| 3705.00            | 10                         | 30 ~ 38000               | -25.98                          | ≤ -13.00       | Pass   |
| 3750.00            | 10                         | 30 ~ 38000               | -34.01                          | ≤ -13.00       | Pass   |
| 3795.00            | 10                         | 30 ~ 38000               | -14.38                          | ≤ -13.00       | Pass   |
| 3707.50            | 15                         | 30 ~ 38000               | -31.81                          | ≤ -13.00       | Pass   |
| 3750.00            | 15                         | 30 ~ 38000               | -34.17                          | ≤ -13.00       | Pass   |
| 3792.50            | 15                         | 30 ~ 38000               | -28.75                          | ≤ -13.00       | Pass   |
| 3710.00            | 20                         | 30 ~ 38000               | -32.08                          | ≤ -13.00       | Pass   |
| 3750.00            | 20                         | 30 ~ 38000               | -31.68                          | ≤ -13.00       | Pass   |
| 3790.00            | 20                         | 30 ~ 38000               | -26.35                          | ≤ -13.00       | Pass   |

## 5MHz Channel Bandwidth

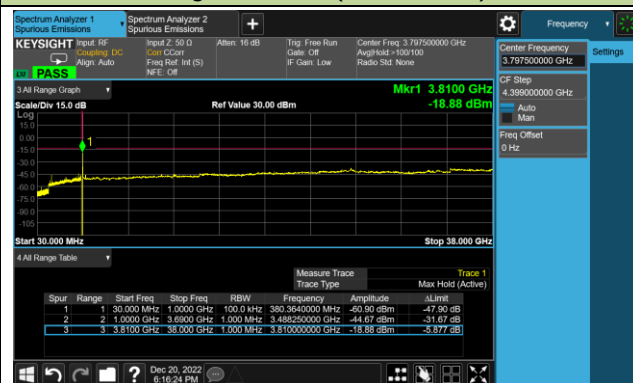
## Low Channel (3702.5MHz)



## Middle Channel (3750MHz)

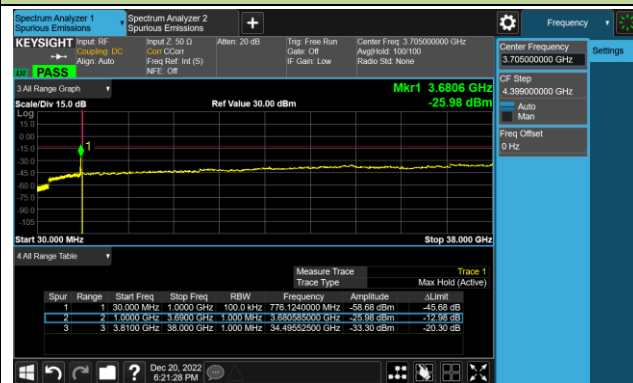


## High Channel (3797.5MHz)

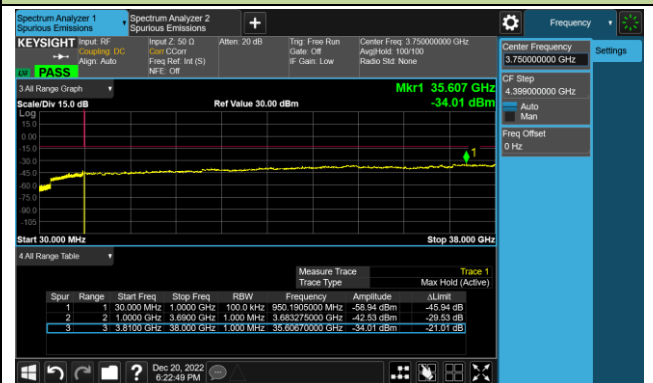


## 10MHz Channel Bandwidth

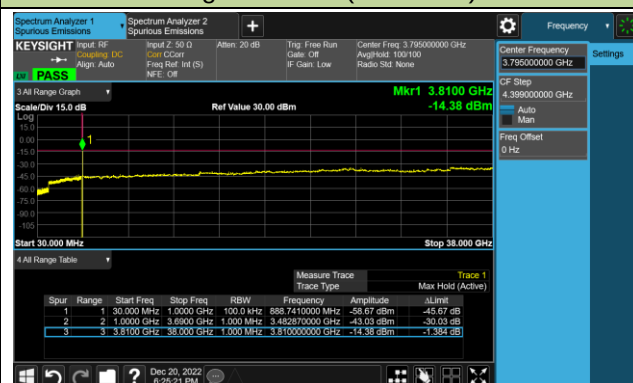
## Low Channel (3705MHz)



## Middle Channel (3750MHz)

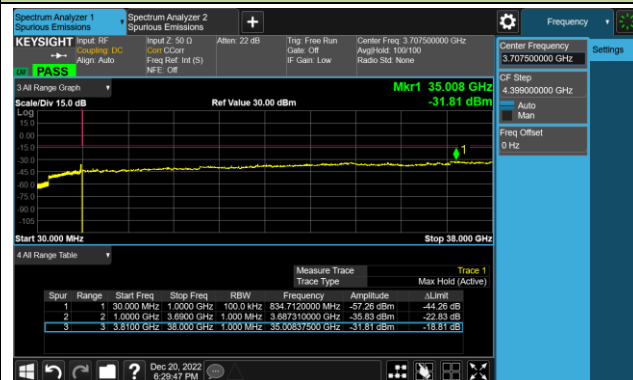


## High Channel (3795MHz)

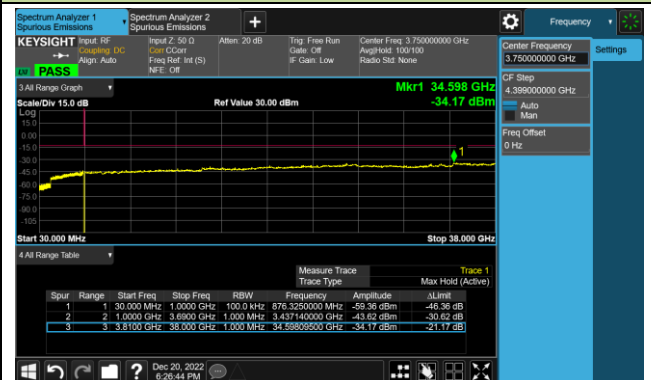


## 15MHz Channel Bandwidth

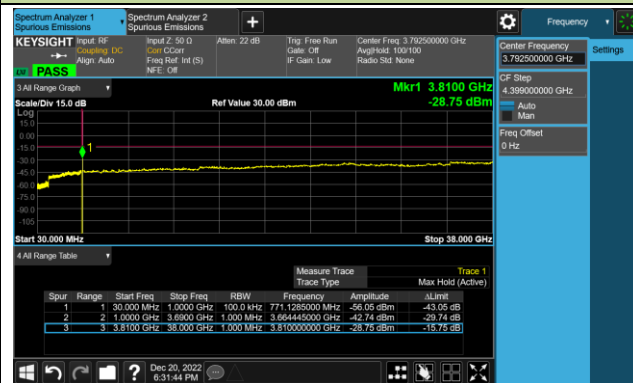
## Low Channel (3757.5MHz)



## Middle Channel (3750MHz)

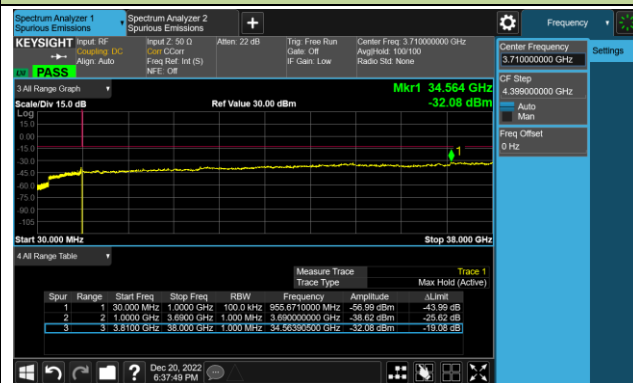


## High Channel (3792.5MHz)

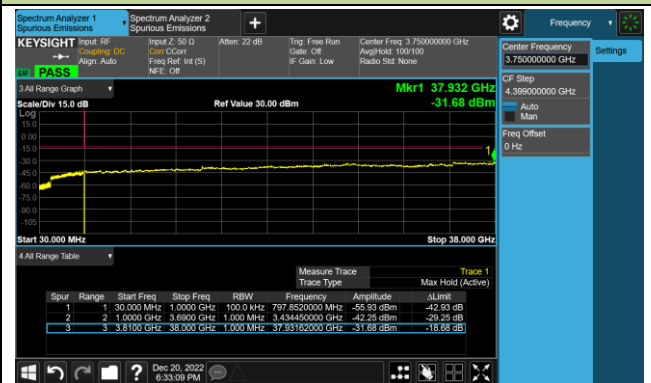


## 20MHz Channel Bandwidth

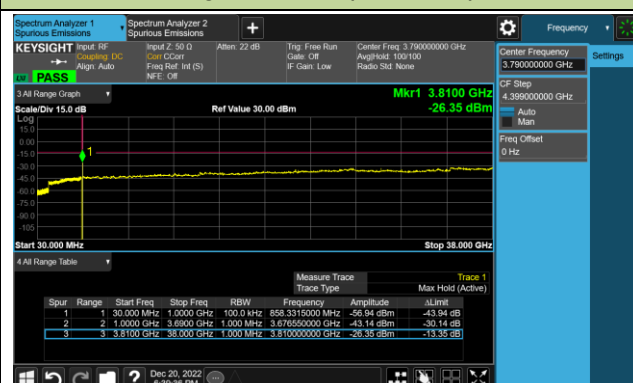
## Low Channel (3710MHz)



## Middle Channel (3750MHz)



## High Channel (3790MHz)

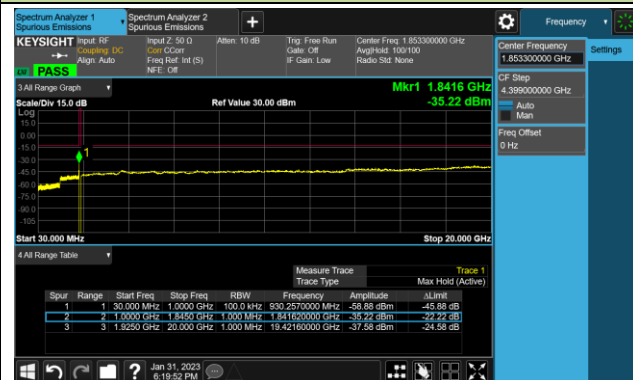


|           |            |               |                             |
|-----------|------------|---------------|-----------------------------|
| Test Site | SIP-SR1    | Test Engineer | Allen Zou                   |
| Test Date | 2023-01-31 | Test Band     | Intra-Band CA_2C, 1RB, QPSK |

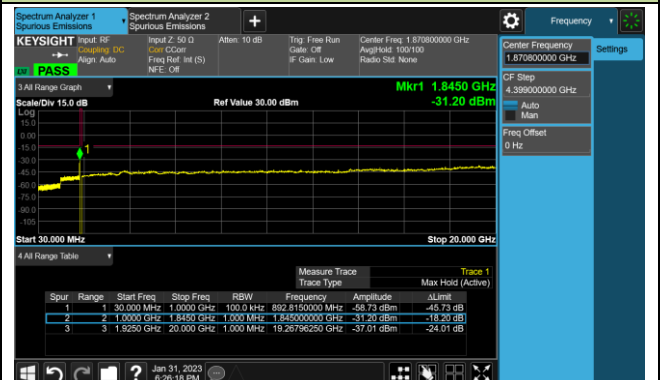
| Frequency<br>(MHz) |        | Channel<br>Bandwidth<br>(MHz) | Frequency Range<br>(MHz) | Max Spurious<br>Emissions (dBm) | Limit<br>(dBm) | Result |
|--------------------|--------|-------------------------------|--------------------------|---------------------------------|----------------|--------|
| PCC                | SCC    |                               |                          |                                 |                |        |
| 1853.3             | 1865.0 | 5+20                          | 30 ~ 20000               | -35.22                          | ≤ -13.00       | Pass   |
| 1870.8             | 1882.5 | 5+20                          | 30 ~ 20000               | -31.20                          | ≤ -13.00       | Pass   |
| 1888.3             | 1900.0 | 5+20                          | 30 ~ 20000               | -37.78                          | ≤ -13.00       | Pass   |
| 1860.0             | 1871.7 | 20+5                          | 30 ~ 20000               | -20.50                          | ≤ -13.00       | Pass   |
| 1877.5             | 1889.2 | 20+5                          | 30 ~ 20000               | -32.51                          | ≤ -13.00       | Pass   |
| 1895.0             | 1906.7 | 20+5                          | 30 ~ 20000               | -37.67                          | ≤ -13.00       | Pass   |
| 1855.3             | 1867.3 | 10+15                         | 30 ~ 20000               | -23.74                          | ≤ -13.00       | Pass   |
| 1872.9             | 1884.9 | 10+15                         | 30 ~ 20000               | -25.65                          | ≤ -13.00       | Pass   |
| 1890.5             | 1902.5 | 10+15                         | 30 ~ 20000               | -39.29                          | ≤ -13.00       | Pass   |
| 1857.5             | 1869.5 | 15+10                         | 30 ~ 20000               | -25.48                          | ≤ -13.00       | Pass   |
| 1875.1             | 1887.1 | 15+10                         | 30 ~ 20000               | -25.16                          | ≤ -13.00       | Pass   |
| 1892.7             | 1904.7 | 15+10                         | 30 ~ 20000               | -37.21                          | ≤ -13.00       | Pass   |
| 1855.5             | 1869.9 | 10+20                         | 30 ~ 20000               | -24.17                          | ≤ -13.00       | Pass   |
| 1870.6             | 1885.0 | 10+20                         | 30 ~ 20000               | -24.37                          | ≤ -13.00       | Pass   |
| 1885.6             | 1900.0 | 10+20                         | 30 ~ 20000               | -37.44                          | ≤ -13.00       | Pass   |
| 1860.0             | 1874.4 | 20+10                         | 30 ~ 20000               | -20.13                          | ≤ -13.00       | Pass   |
| 1875.1             | 1889.5 | 20+10                         | 30 ~ 20000               | -36.98                          | ≤ -13.00       | Pass   |
| 1890.1             | 1904.5 | 20+10                         | 30 ~ 20000               | -29.42                          | ≤ -13.00       | Pass   |
| 1857.5             | 1872.5 | 15+15                         | 30 ~ 20000               | -25.18                          | ≤ -13.00       | Pass   |
| 1872.5             | 1887.5 | 15+15                         | 30 ~ 20000               | -24.41                          | ≤ -13.00       | Pass   |
| 1887.5             | 1902.5 | 15+15                         | 30 ~ 20000               | -36.73                          | ≤ -13.00       | Pass   |
| 1857.8             | 1874.9 | 15+20                         | 30 ~ 20000               | -24.84                          | ≤ -13.00       | Pass   |
| 1870.3             | 1887.4 | 15+20                         | 30 ~ 20000               | -24.45                          | ≤ -13.00       | Pass   |
| 1882.9             | 1900.0 | 15+20                         | 30 ~ 20000               | -36.70                          | ≤ -13.00       | Pass   |
| 1860.0             | 1877.1 | 20+15                         | 30 ~ 20000               | -21.55                          | ≤ -13.00       | Pass   |
| 1872.6             | 1889.7 | 20+15                         | 30 ~ 20000               | -24.34                          | ≤ -13.00       | Pass   |
| 1885.1             | 1902.2 | 20+15                         | 30 ~ 20000               | -19.10                          | ≤ -13.00       | Pass   |
| 1860.0             | 1879.8 | 20+20                         | 30 ~ 20000               | -25.69                          | ≤ -13.00       | Pass   |
| 1870.1             | 1889.9 | 20+20                         | 30 ~ 20000               | -28.78                          | ≤ -13.00       | Pass   |
| 1880.2             | 1900.0 | 20+20                         | 30 ~ 20000               | -35.45                          | ≤ -13.00       | Pass   |

## 5+20MHz Channel Bandwidth

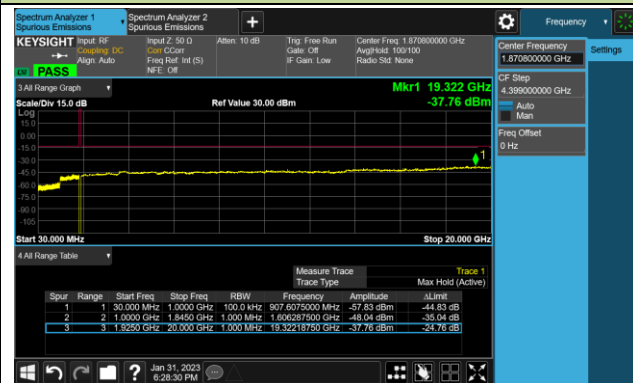
### Lowest Channel



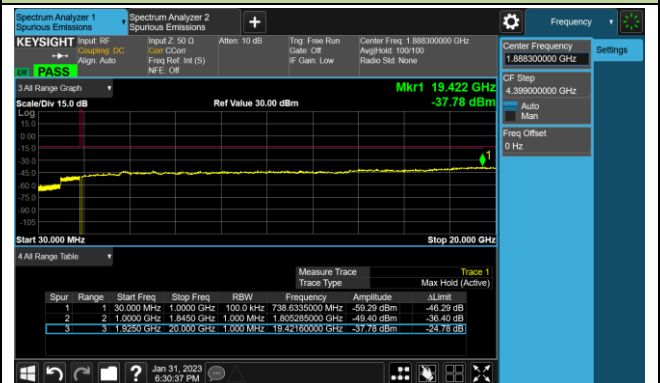
### Middle Channel/1RB@0 and 1RB@99



### Middle Channel/1RB@24 and 1RB@0

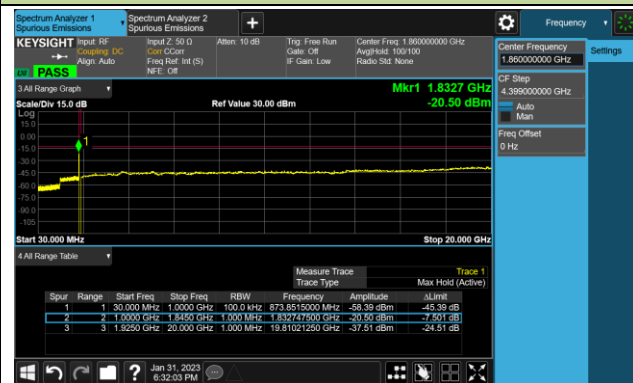


### Highest Channel

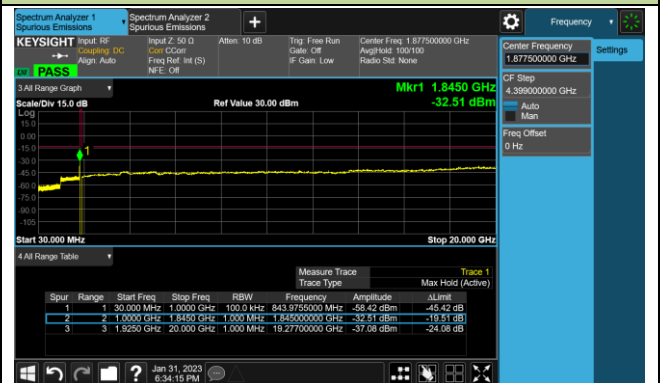


## 20+5MHz Channel Bandwidth

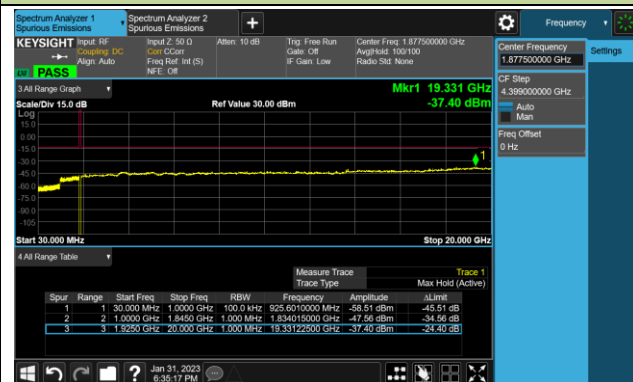
### Lowest Channel



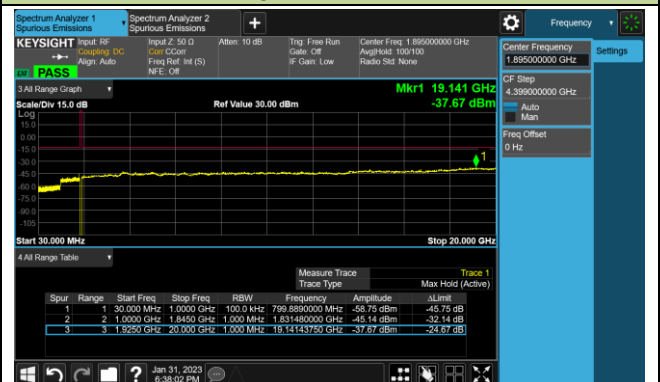
### Middle Channel/1RB@0 and 1RB@24



### Middle Channel/ 1RB@99 and 1RB@0

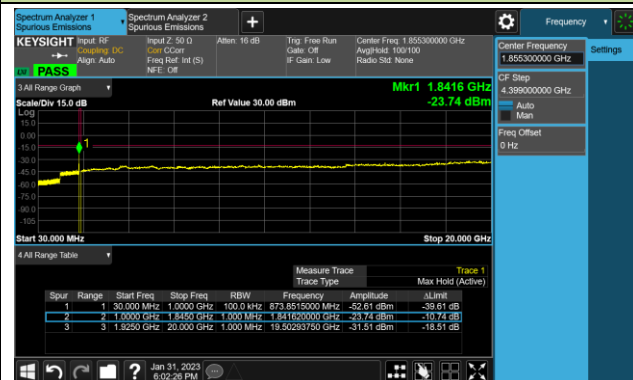


### Highest Channel

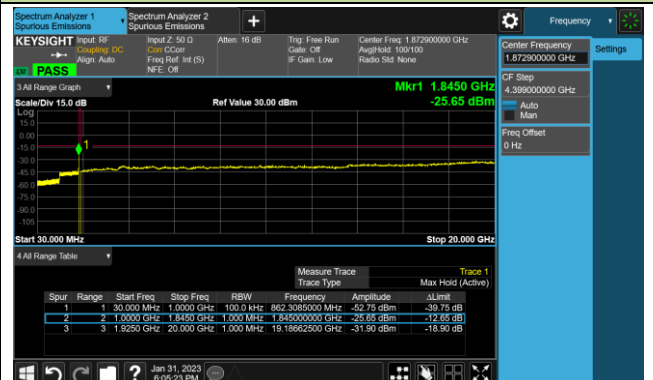


## 10+15MHz Channel Bandwidth

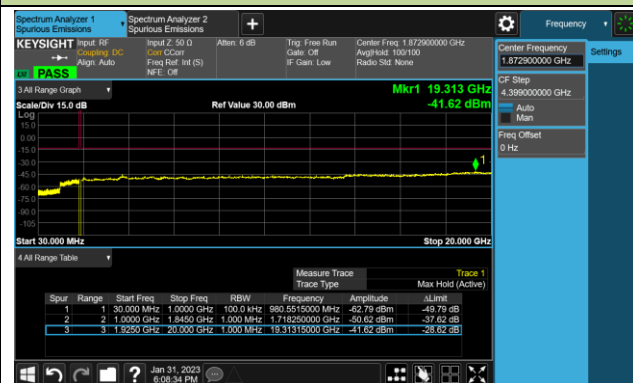
## Lowest Channel



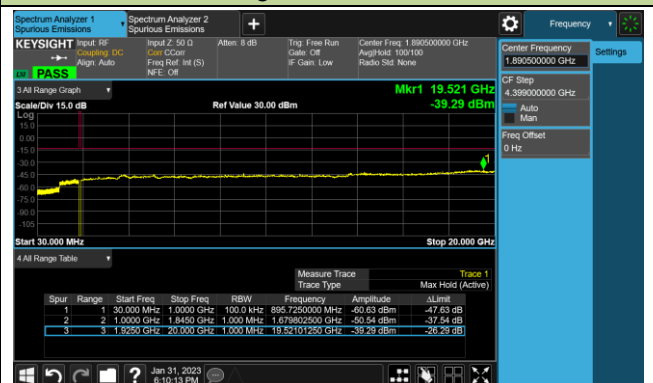
## Middle Channel/1RB@0 and 1RB@74



## Middle Channel/1RB@49 and 1RB@0

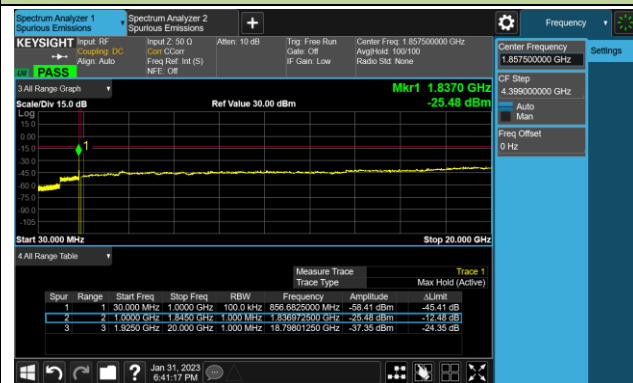


## Highest Channel

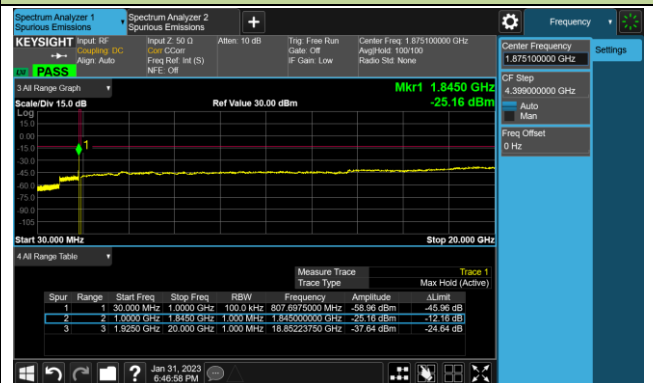


## 15+10MHz Channel Bandwidth

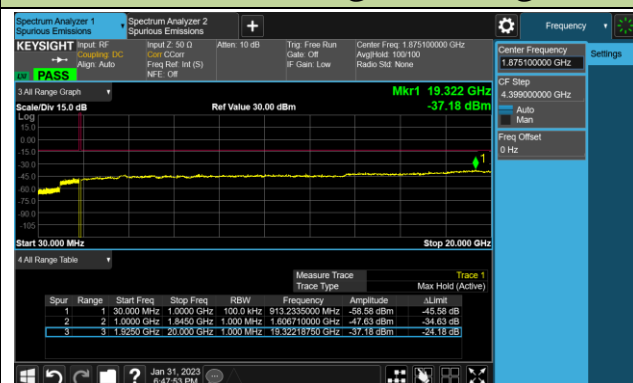
## Lowest Channel



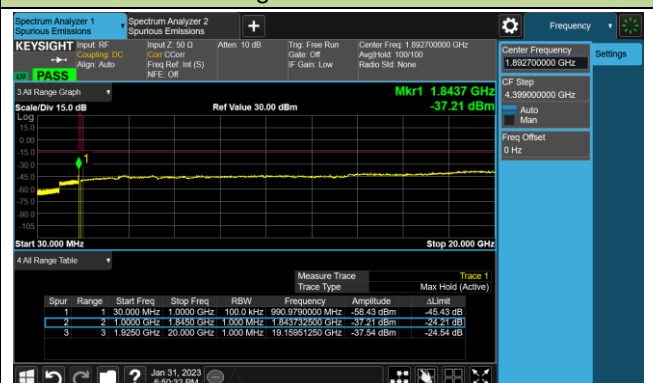
## Middle Channel/1RB@0 and 1RB@49



## Middle Channel/1RB@74 and 1RB@0

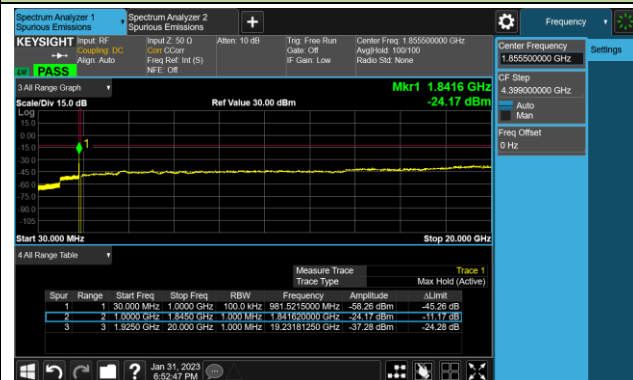


## Highest Channel

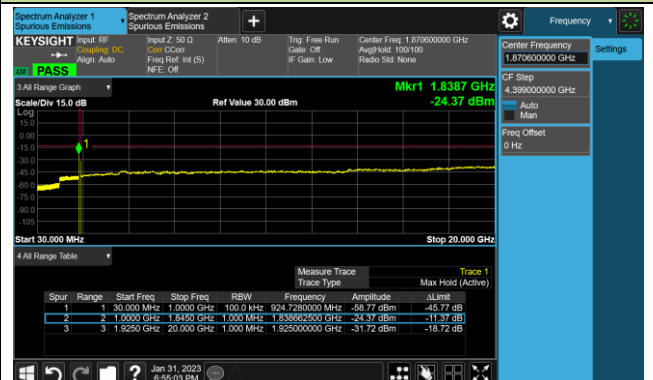


## 10+20MHz Channel Bandwidth

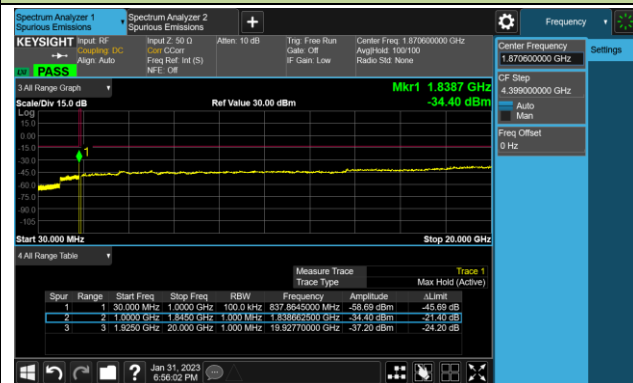
## Lowest Channel



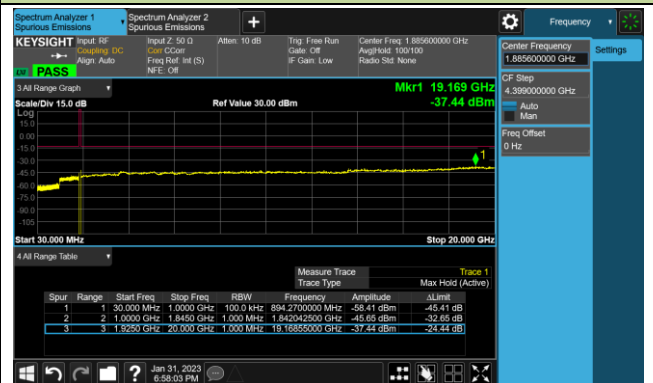
## Middle Channel/1RB@0 and 1RB@99



## Middle Channel/1RB@49 and 1RB@0

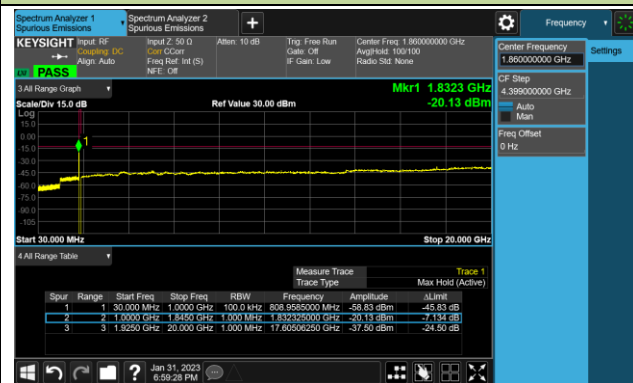


## Highest Channel

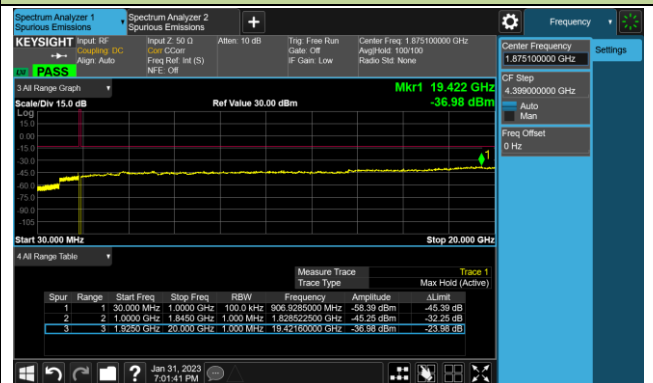


## 20+10MHz Channel Bandwidth

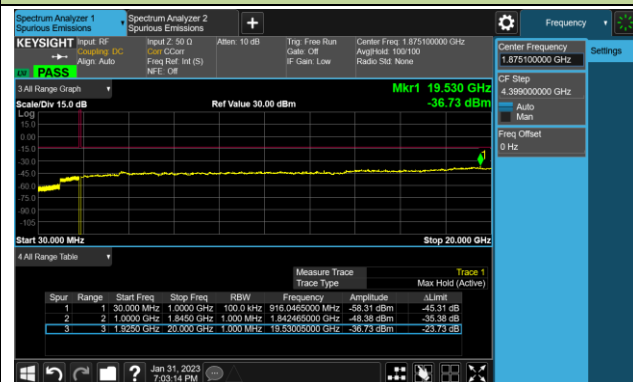
## Lowest Channel



## Middle Channel/1RB@0 and 1RB@49



## Middle Channel/1RB@99 and 1RB@0



## Highest Channel

