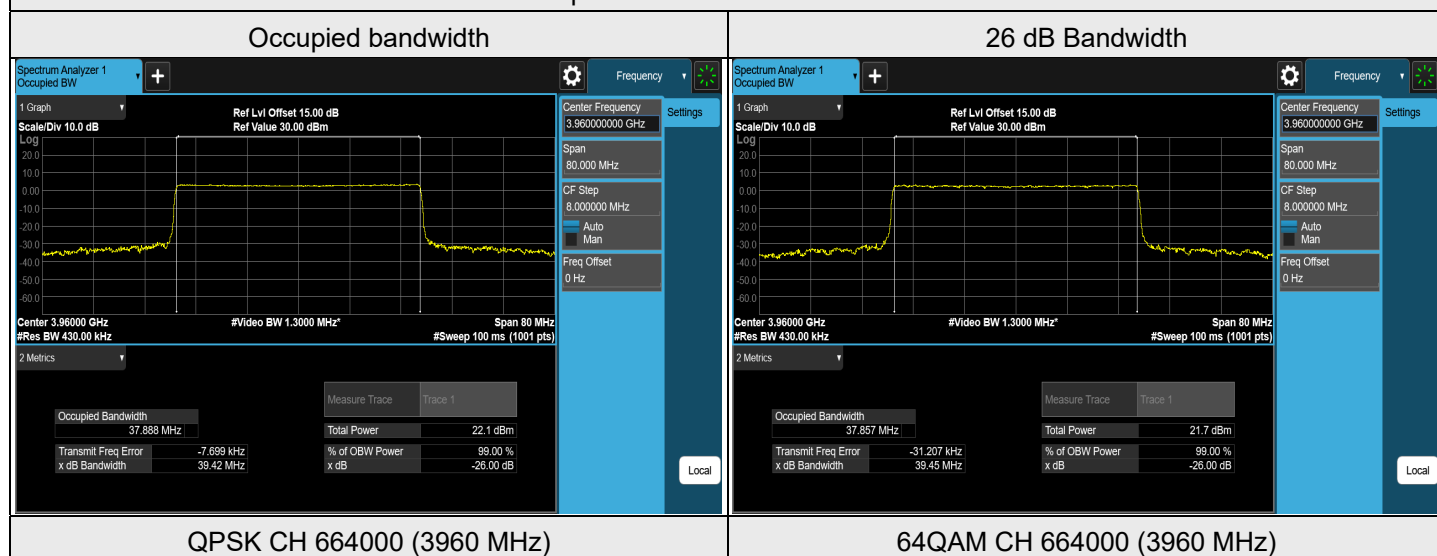


**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 40 MHz**

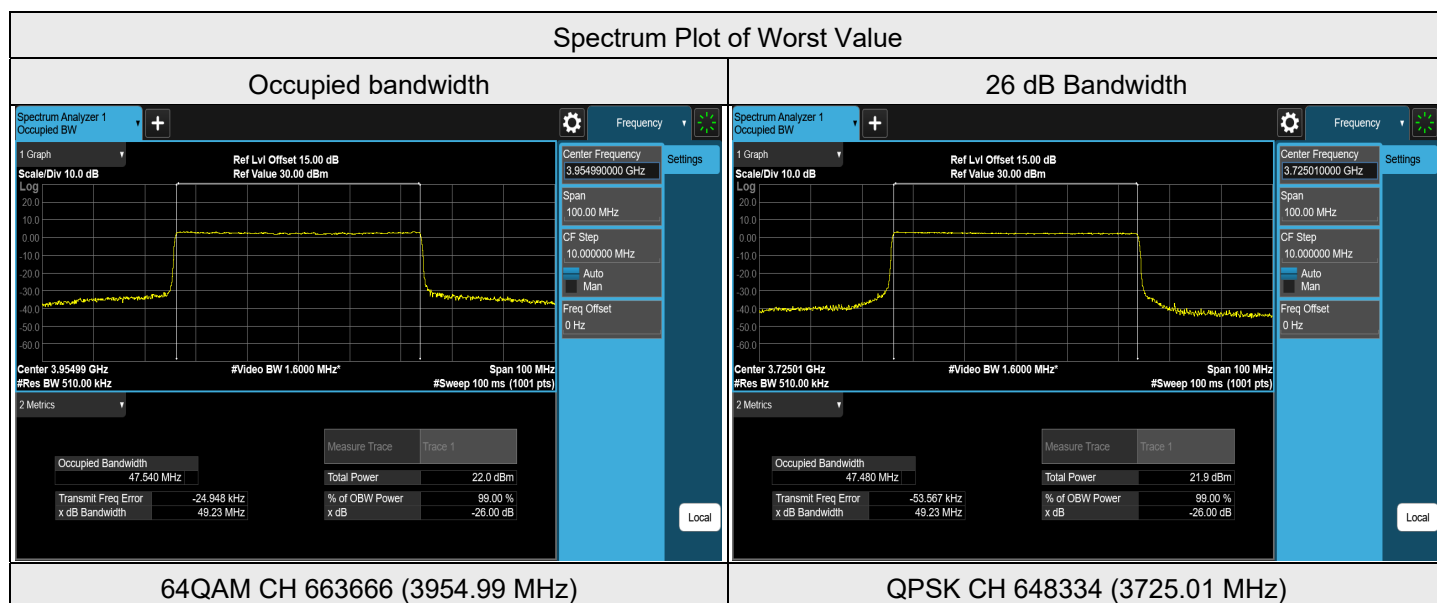
| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| QPSK       | 648000  | 3720            | 37.8508                  | 39.292                |
| QPSK       | 656000  | 3840            | 37.8534                  | 39.334                |
| QPSK       | 664000  | 3960            | 37.8878                  | 39.421                |
| BPSK       | 648000  | 3720            | 35.7419                  | 37.133                |
| BPSK       | 656000  | 3840            | 35.6957                  | 37.155                |
| BPSK       | 664000  | 3960            | 35.7513                  | 37.112                |
| 16QAM      | 648000  | 3720            | 37.8487                  | 39.294                |
| 16QAM      | 656000  | 3840            | 37.8384                  | 39.305                |
| 16QAM      | 664000  | 3960            | 37.8615                  | 39.360                |
| 64QAM      | 648000  | 3720            | 37.8650                  | 39.320                |
| 64QAM      | 656000  | 3840            | 37.8615                  | 39.365                |
| 64QAM      | 664000  | 3960            | 37.8569                  | 39.452                |
| 256QAM     | 648000  | 3720            | 37.8482                  | 39.305                |
| 256QAM     | 656000  | 3840            | 37.8420                  | 39.239                |
| 256QAM     | 664000  | 3960            | 37.8694                  | 39.287                |

**Spectrum Plot of Worst Value**



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 50 MHz

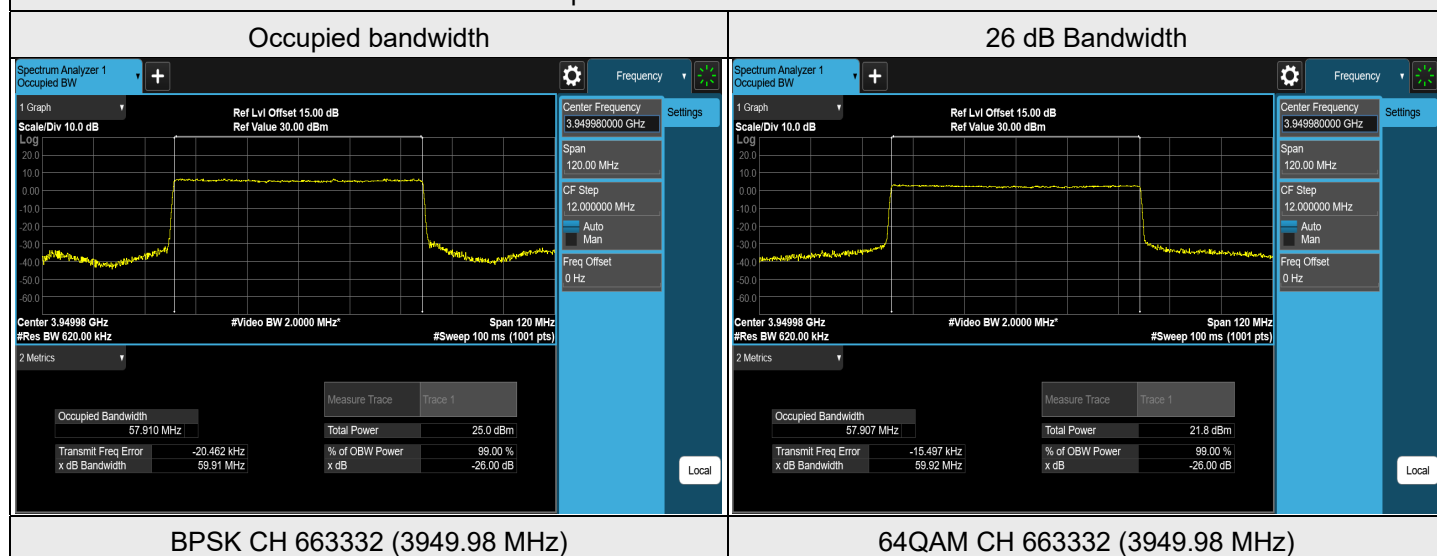
| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| QPSK       | 648334  | 3725.01         | 47.4803                  | 49.235                |
| QPSK       | 656000  | 3840            | 47.5044                  | 49.216                |
| QPSK       | 663666  | 3954.99         | 47.5288                  | 49.214                |
| BPSK       | 648334  | 3725.01         | 45.7376                  | 47.317                |
| BPSK       | 656000  | 3840            | 45.7721                  | 47.369                |
| BPSK       | 663666  | 3954.99         | 45.7608                  | 47.347                |
| 16QAM      | 648334  | 3725.01         | 47.4899                  | 49.205                |
| 16QAM      | 656000  | 3840            | 47.5158                  | 49.215                |
| 16QAM      | 663666  | 3954.99         | 47.5280                  | 49.174                |
| 64QAM      | 648334  | 3725.01         | 47.4933                  | 49.182                |
| 64QAM      | 656000  | 3840            | 47.5008                  | 49.187                |
| 64QAM      | 663666  | 3954.99         | 47.5396                  | 49.228                |
| 256QAM     | 648334  | 3725.01         | 47.4918                  | 49.166                |
| 256QAM     | 656000  | 3840            | 47.5050                  | 49.212                |
| 256QAM     | 663666  | 3954.99         | 47.5288                  | 49.220                |



**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 60 MHz**

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| QPSK       | 648668  | 3730.02         | 57.8072                  | 59.834                |
| QPSK       | 656000  | 3840            | 57.8430                  | 59.860                |
| QPSK       | 663332  | 3949.98         | 57.8642                  | 59.875                |
| BPSK       | 648668  | 3730.02         | 57.8353                  | 59.838                |
| BPSK       | 656000  | 3840            | 57.8717                  | 59.814                |
| BPSK       | 663332  | 3949.98         | 57.9103                  | 59.906                |
| 16QAM      | 648668  | 3730.02         | 57.8119                  | 59.853                |
| 16QAM      | 656000  | 3840            | 57.8408                  | 59.834                |
| 16QAM      | 663332  | 3949.98         | 57.8779                  | 59.912                |
| 64QAM      | 648668  | 3730.02         | 57.8400                  | 59.842                |
| 64QAM      | 656000  | 3840            | 57.8860                  | 59.881                |
| 64QAM      | 663332  | 3949.98         | 57.9073                  | 59.920                |
| 256QAM     | 648668  | 3730.02         | 57.8188                  | 59.828                |
| 256QAM     | 656000  | 3840            | 57.8728                  | 59.826                |
| 256QAM     | 663332  | 3949.98         | 57.8721                  | 59.851                |

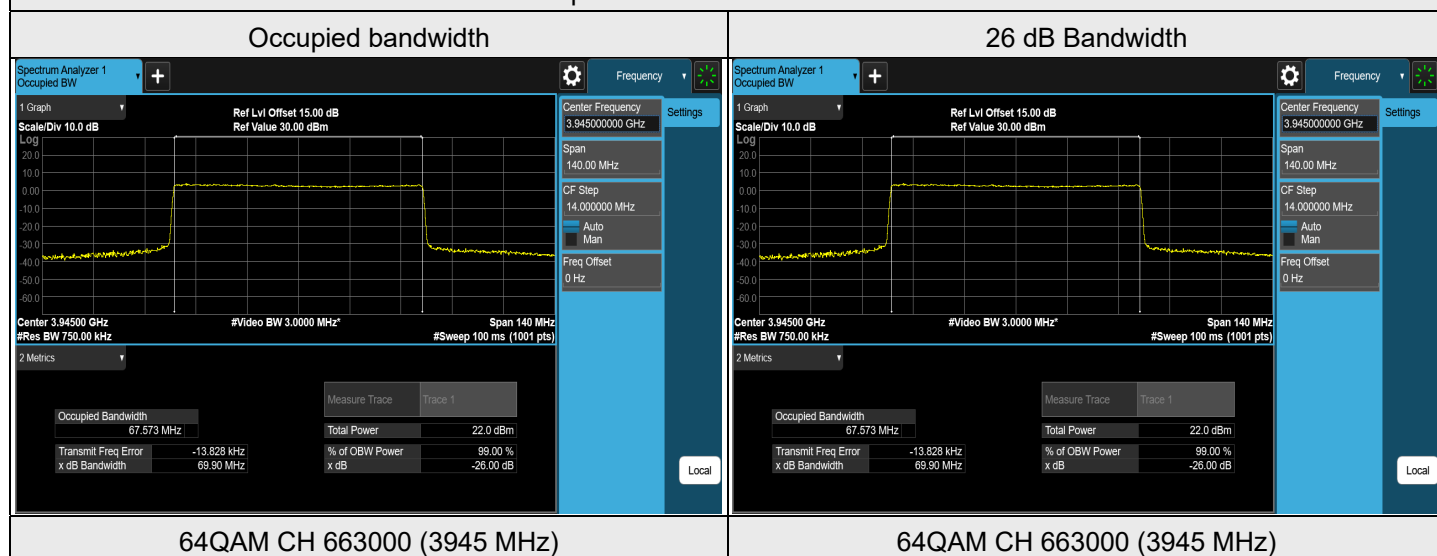
**Spectrum Plot of Worst Value**



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 70 MHz

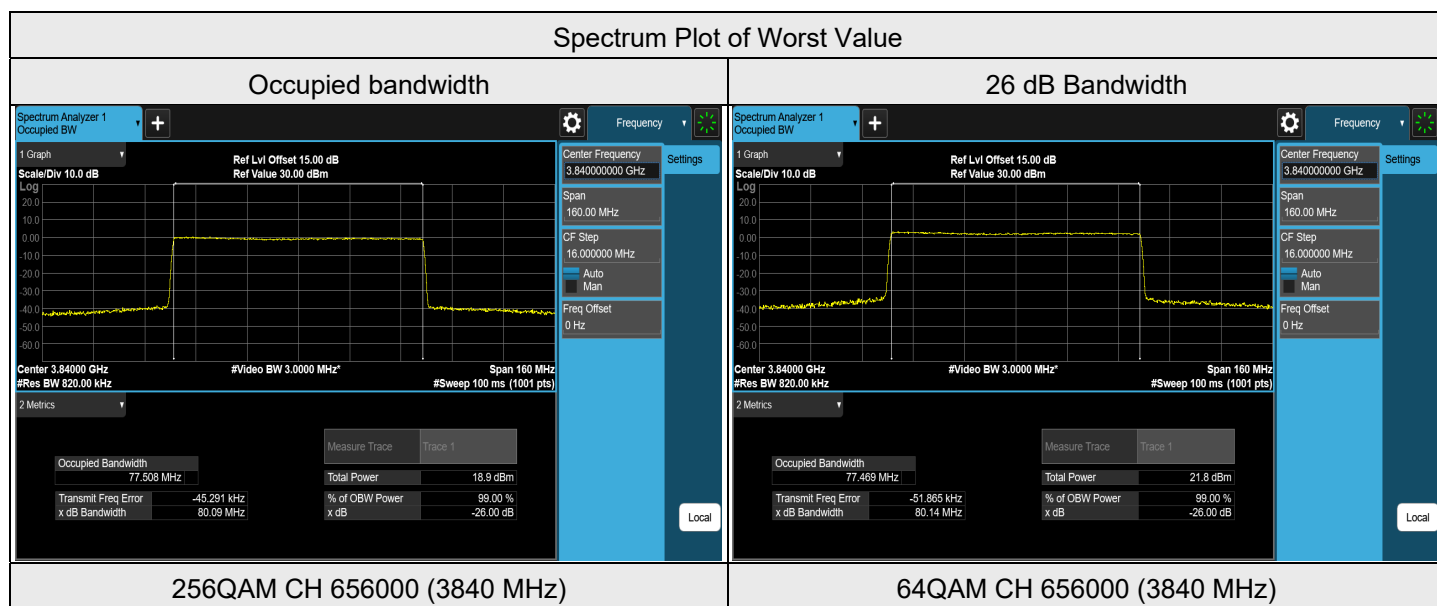
| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| QPSK       | 649000  | 3735            | 67.4539                  | 69.815                |
| QPSK       | 656000  | 3840            | 67.4852                  | 69.893                |
| QPSK       | 663000  | 3945            | 67.4976                  | 69.876                |
| BPSK       | 649000  | 3735            | 64.2517                  | 66.600                |
| BPSK       | 656000  | 3840            | 64.3290                  | 66.675                |
| BPSK       | 663000  | 3945            | 64.3285                  | 66.636                |
| 16QAM      | 649000  | 3735            | 67.4341                  | 69.815                |
| 16QAM      | 656000  | 3840            | 67.4832                  | 69.873                |
| 16QAM      | 663000  | 3945            | 67.5179                  | 69.843                |
| 64QAM      | 649000  | 3735            | 67.4704                  | 69.887                |
| 64QAM      | 656000  | 3840            | 67.5315                  | 69.878                |
| 64QAM      | 663000  | 3945            | 67.5729                  | 69.904                |
| 256QAM     | 649000  | 3735            | 67.4152                  | 69.816                |
| 256QAM     | 656000  | 3840            | 67.4822                  | 69.861                |
| 256QAM     | 663000  | 3945            | 67.5133                  | 69.884                |

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 80 MHz

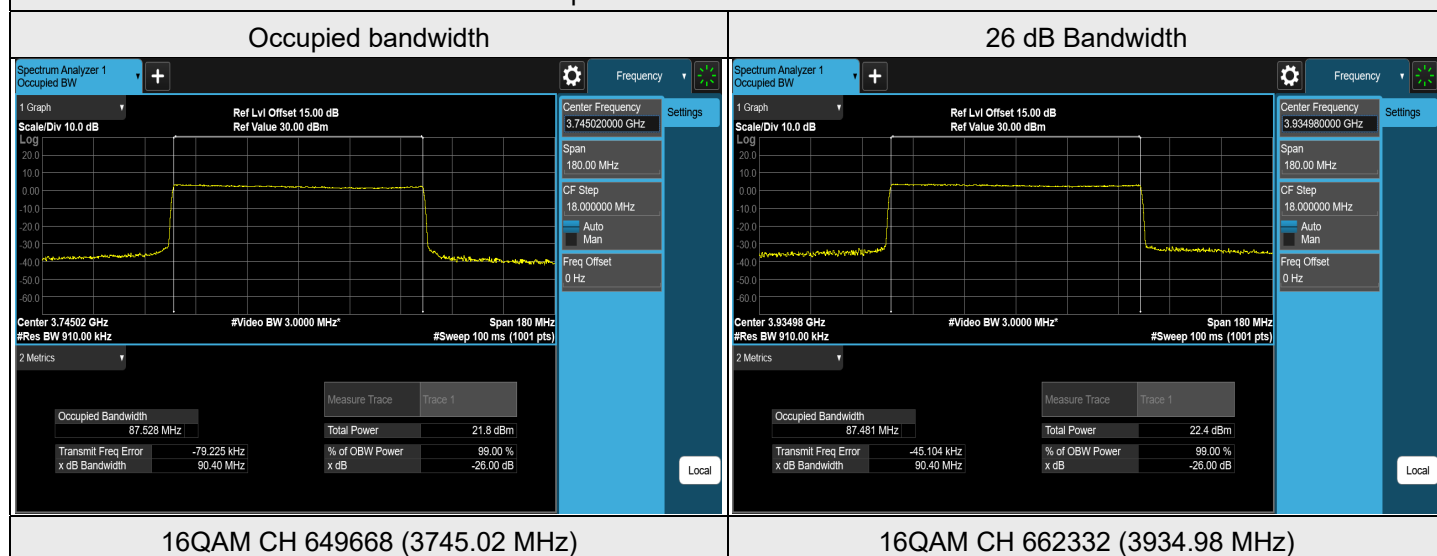
| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| QPSK       | 649334  | 3740.01         | 77.4556                  | 80.092                |
| QPSK       | 656000  | 3840            | 77.4754                  | 80.081                |
| QPSK       | 662666  | 3939.99         | 77.4960                  | 80.092                |
| BPSK       | 649334  | 3740.01         | 77.1133                  | 79.718                |
| BPSK       | 656000  | 3840            | 77.1181                  | 79.739                |
| BPSK       | 662666  | 3939.99         | 77.1440                  | 79.706                |
| 16QAM      | 649334  | 3740.01         | 77.4651                  | 80.087                |
| 16QAM      | 656000  | 3840            | 77.4864                  | 80.088                |
| 16QAM      | 662666  | 3939.99         | 77.4876                  | 80.082                |
| 64QAM      | 649334  | 3740.01         | 77.4670                  | 80.099                |
| 64QAM      | 656000  | 3840            | 77.4687                  | 80.136                |
| 64QAM      | 662666  | 3939.99         | 77.4808                  | 80.106                |
| 256QAM     | 649334  | 3740.01         | 77.4183                  | 80.070                |
| 256QAM     | 656000  | 3840            | 77.5078                  | 80.095                |
| 256QAM     | 662666  | 3939.99         | 77.4472                  | 80.105                |



**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 90 MHz**

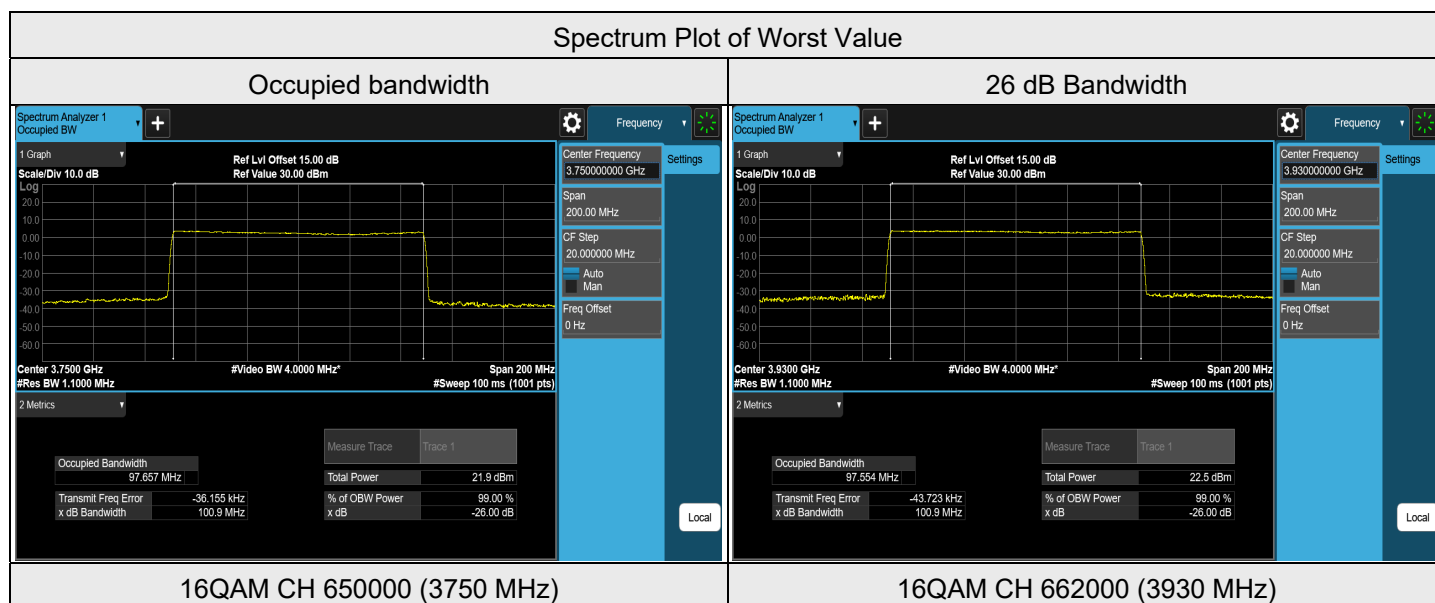
| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| QPSK       | 649668  | 3745.02         | 87.5152                  | 90.387                |
| QPSK       | 656000  | 3840            | 87.4529                  | 90.391                |
| QPSK       | 662332  | 3934.98         | 87.4840                  | 90.396                |
| BPSK       | 649668  | 3745.02         | 86.8077                  | 89.618                |
| BPSK       | 656000  | 3840            | 86.7288                  | 89.628                |
| BPSK       | 662332  | 3934.98         | 86.7733                  | 89.632                |
| 16QAM      | 649668  | 3745.02         | 87.5284                  | 90.396                |
| 16QAM      | 656000  | 3840            | 87.4569                  | 90.383                |
| 16QAM      | 662332  | 3934.98         | 87.4807                  | 90.400                |
| 64QAM      | 649668  | 3745.02         | 87.4935                  | 90.366                |
| 64QAM      | 656000  | 3840            | 87.3983                  | 90.348                |
| 64QAM      | 662332  | 3934.98         | 87.4406                  | 90.397                |
| 256QAM     | 649668  | 3745.02         | 87.5052                  | 90.361                |
| 256QAM     | 656000  | 3840            | 87.4345                  | 90.377                |
| 256QAM     | 662332  | 3934.98         | 87.4833                  | 90.361                |

**Spectrum Plot of Worst Value**



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 100 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| QPSK       | 650000  | 3750            | 97.6232                  | 100.878               |
| QPSK       | 656000  | 3840            | 97.4645                  | 100.865               |
| QPSK       | 662000  | 3930            | 97.4987                  | 100.879               |
| BPSK       | 650000  | 3750            | 96.5268                  | 99.826                |
| BPSK       | 656000  | 3840            | 96.3976                  | 99.829                |
| BPSK       | 662000  | 3930            | 96.4344                  | 99.850                |
| 16QAM      | 650000  | 3750            | 97.6575                  | 100.917               |
| 16QAM      | 656000  | 3840            | 97.4996                  | 100.871               |
| 16QAM      | 662000  | 3930            | 97.5542                  | 100.921               |
| 64QAM      | 650000  | 3750            | 97.6356                  | 100.909               |
| 64QAM      | 656000  | 3840            | 97.4451                  | 100.864               |
| 64QAM      | 662000  | 3930            | 97.5009                  | 100.884               |
| 256QAM     | 650000  | 3750            | 97.6291                  | 100.847               |
| 256QAM     | 656000  | 3840            | 97.4526                  | 100.854               |
| 256QAM     | 662000  | 3930            | 97.4993                  | 100.891               |

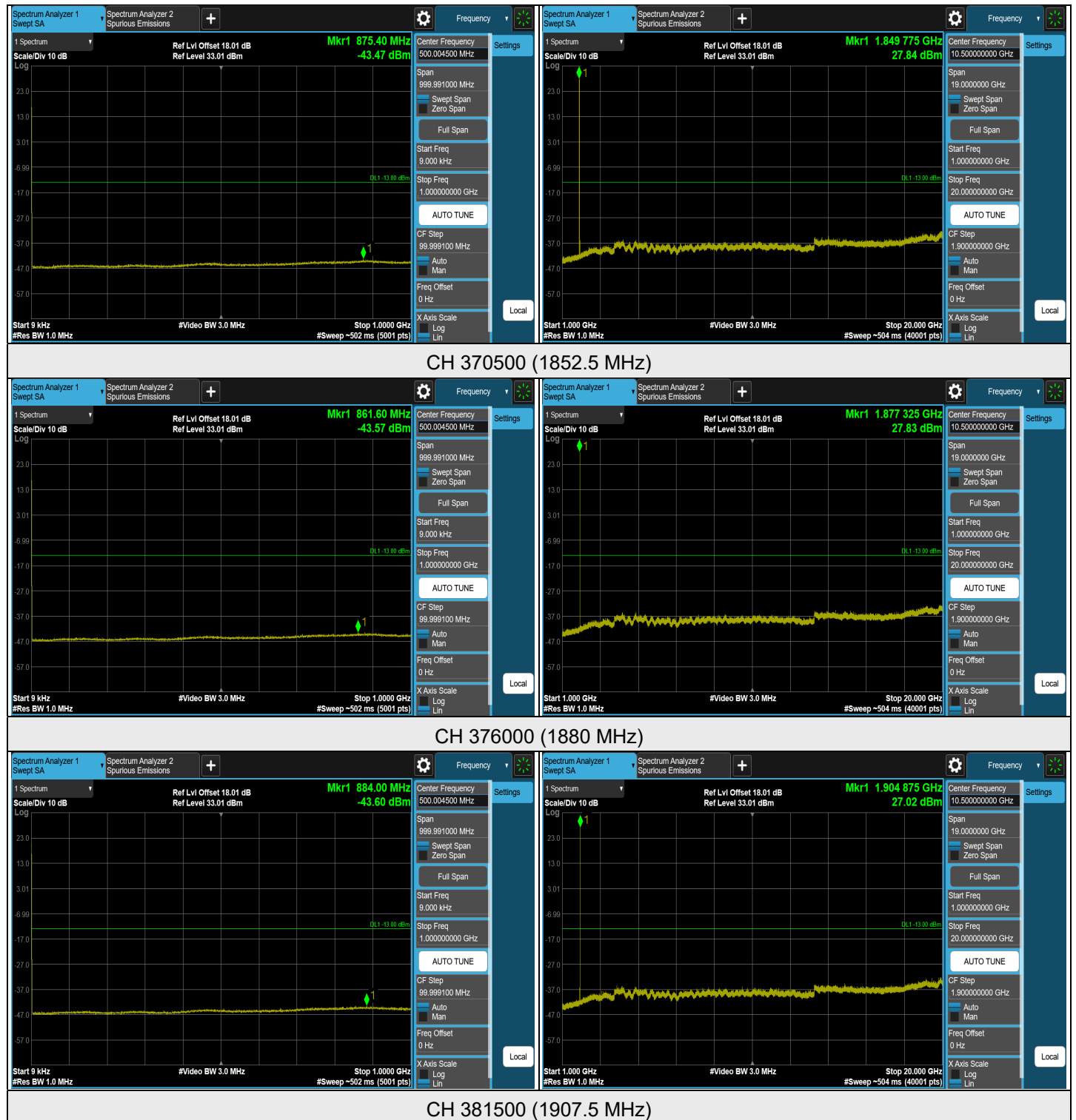


## 7.5 Conducted Spurious Emissions

|                           |              |            |            |
|---------------------------|--------------|------------|------------|
| Environmental Conditions: | 25°C, 68% RH | Tested By: | Noah Chang |
|---------------------------|--------------|------------|------------|

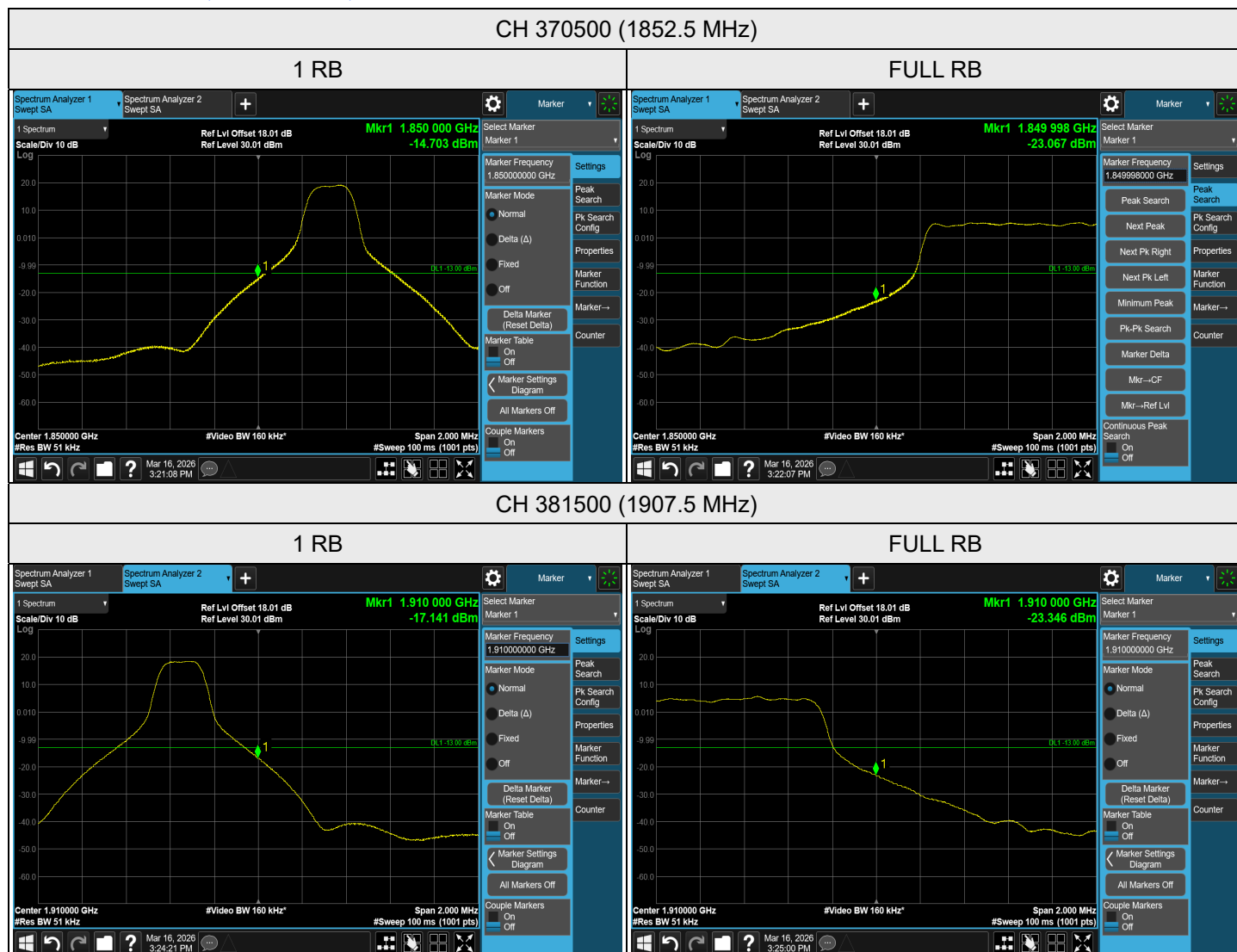
### 7.5.1 NR n2 SCS 15 kHz

#### NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 5 MHz

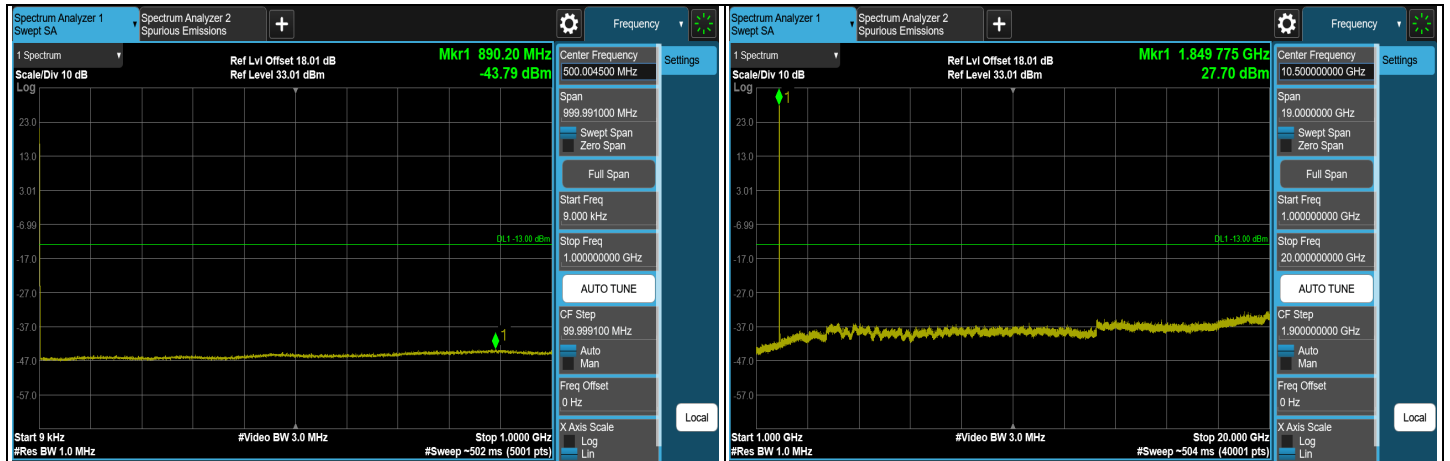


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

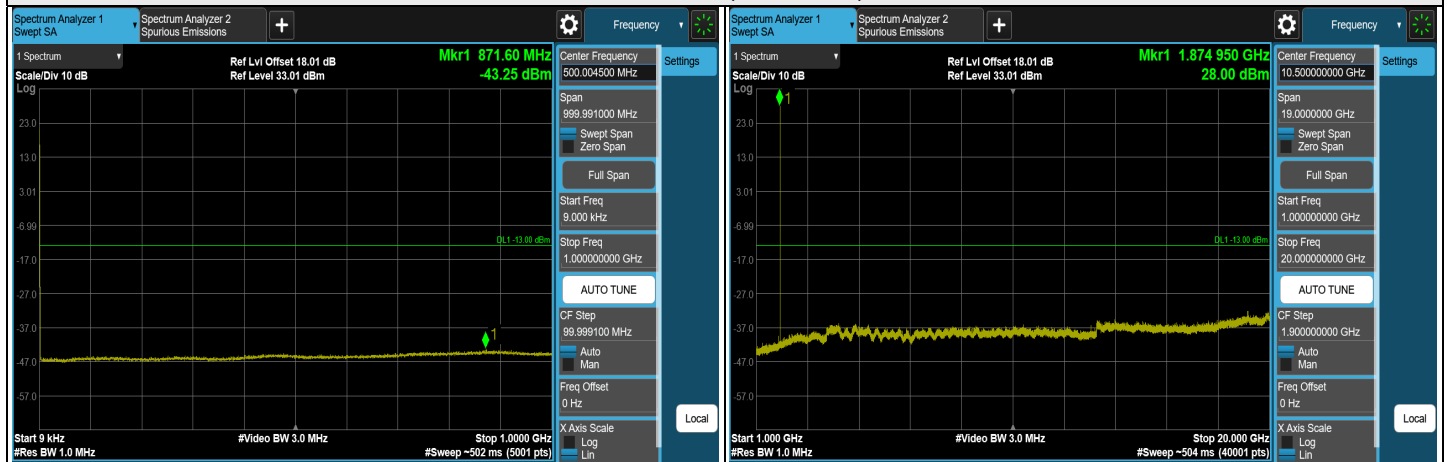
# NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 5 MHz



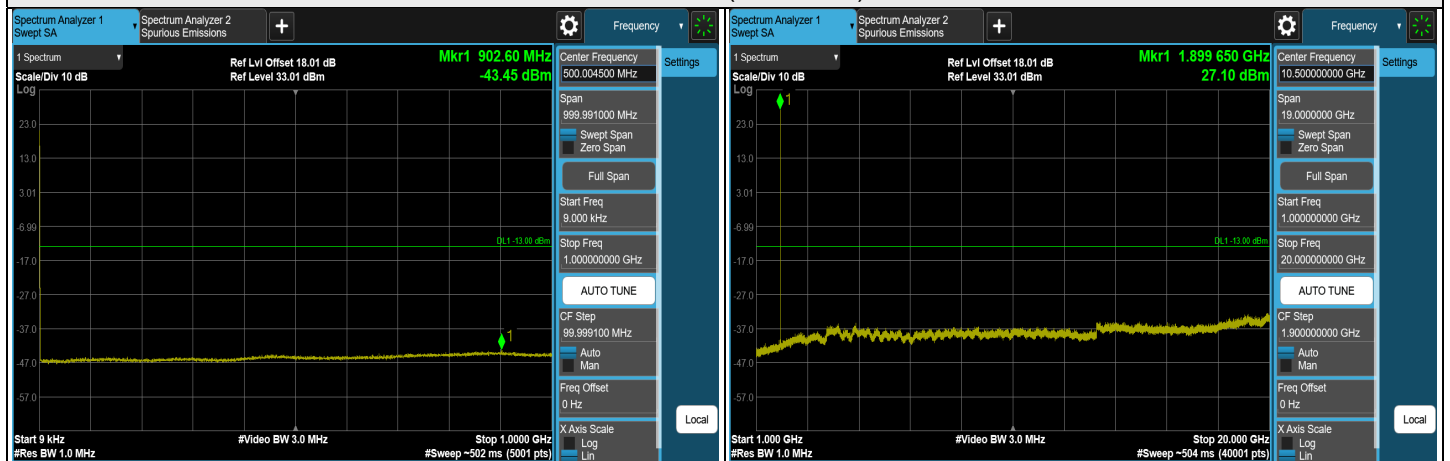
## NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 10 MHz



### CH 371000 (1855 MHz)



### CH 376000 (1880 MHz)



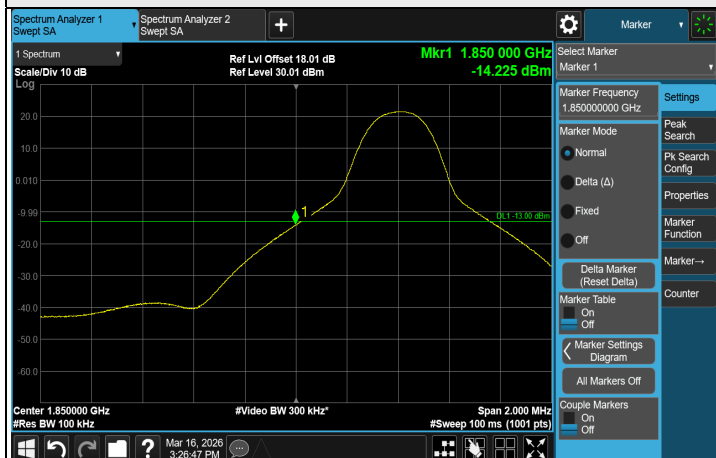
### CH 381000 (1905 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

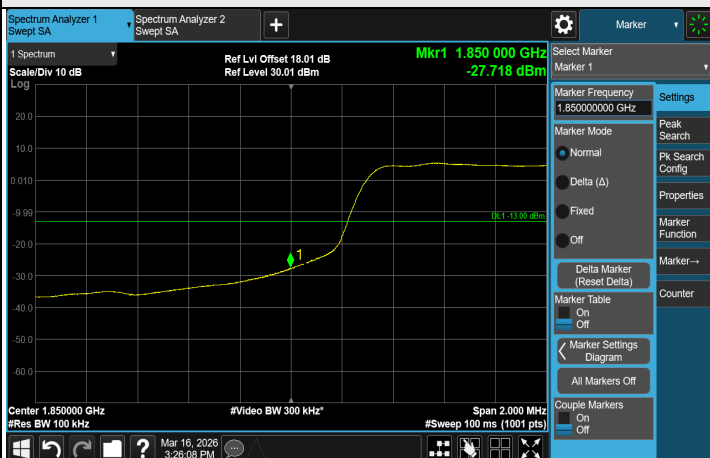
NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 10 MHz

CH 371000 (1855 MHz)

1 RB

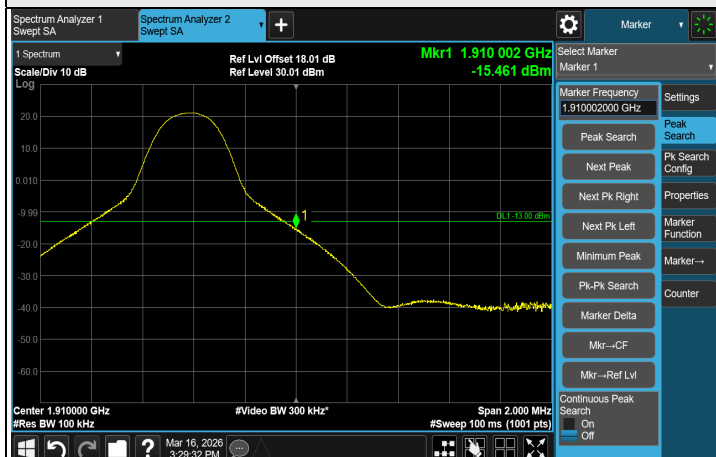


FULL RB

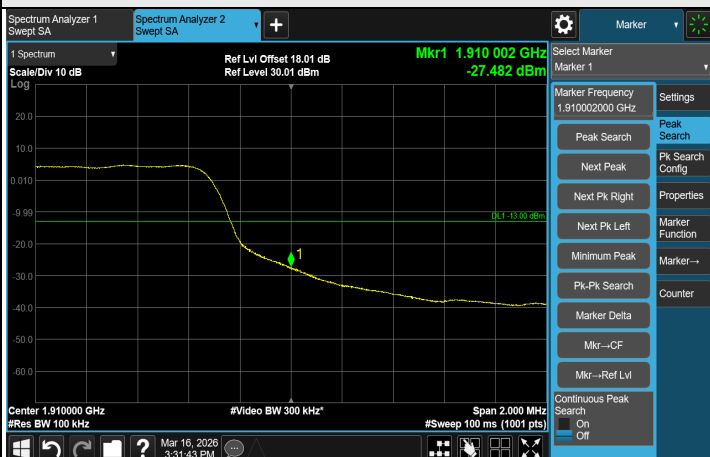


CH 381000 (1905 MHz)

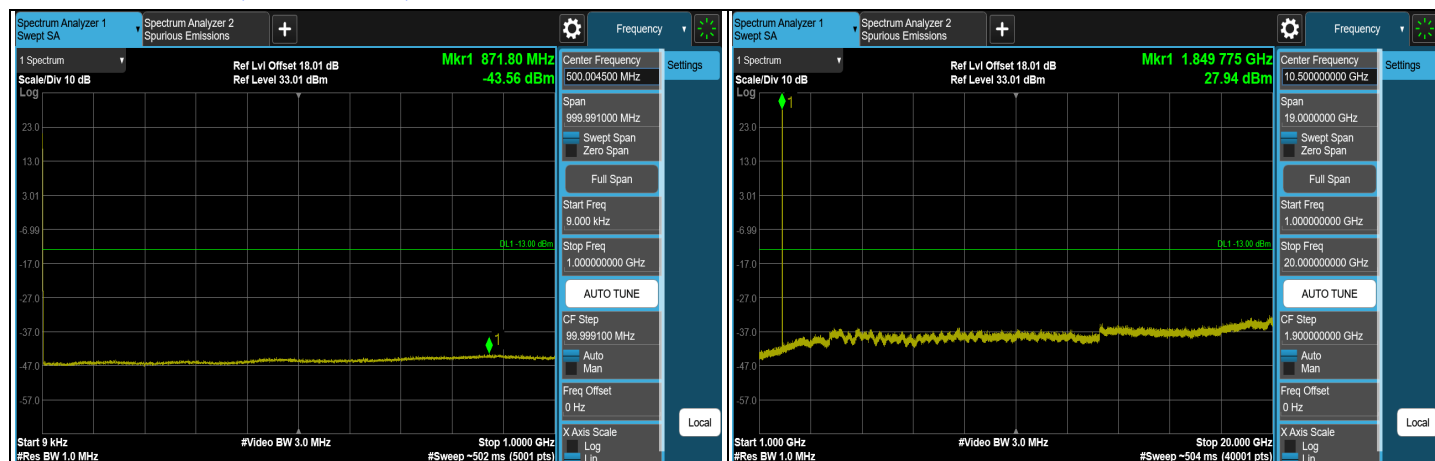
1 RB



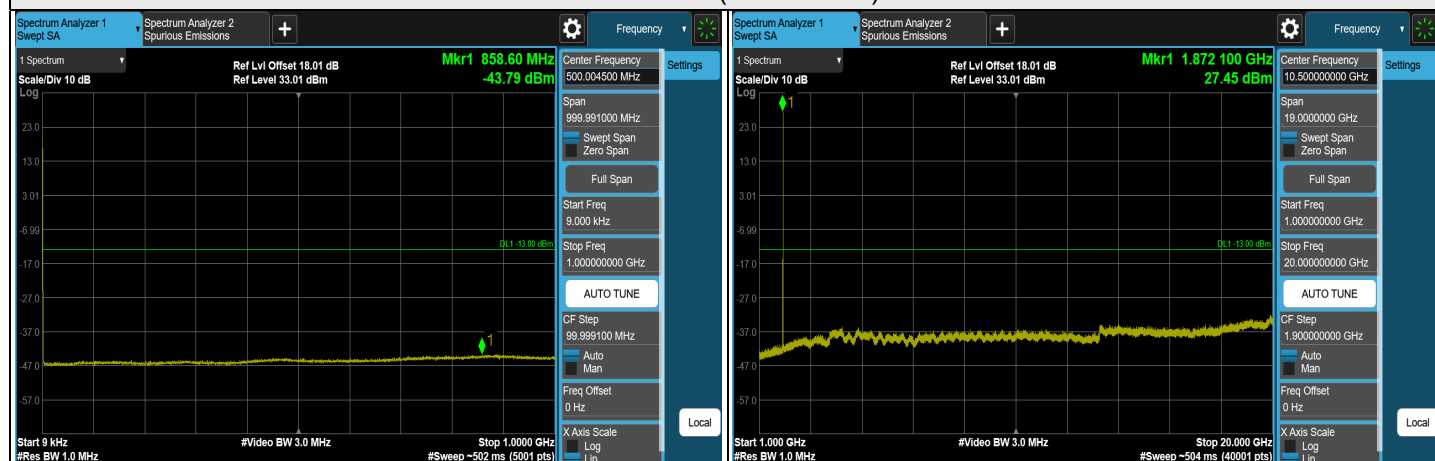
FULL RB



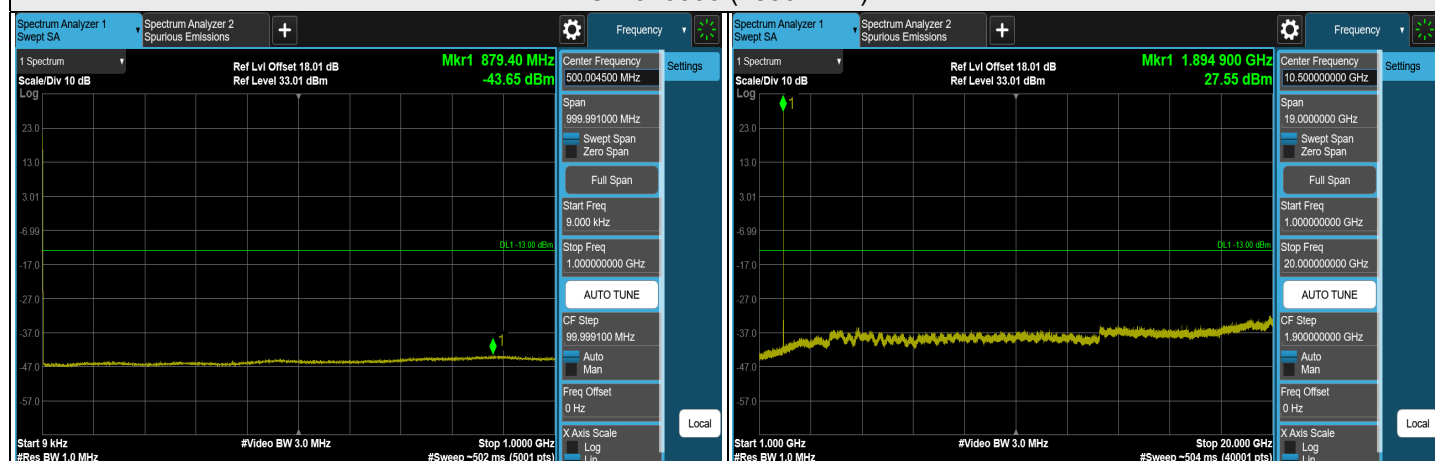
## NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 15 MHz



### CH 371500 (1857.5 MHz)



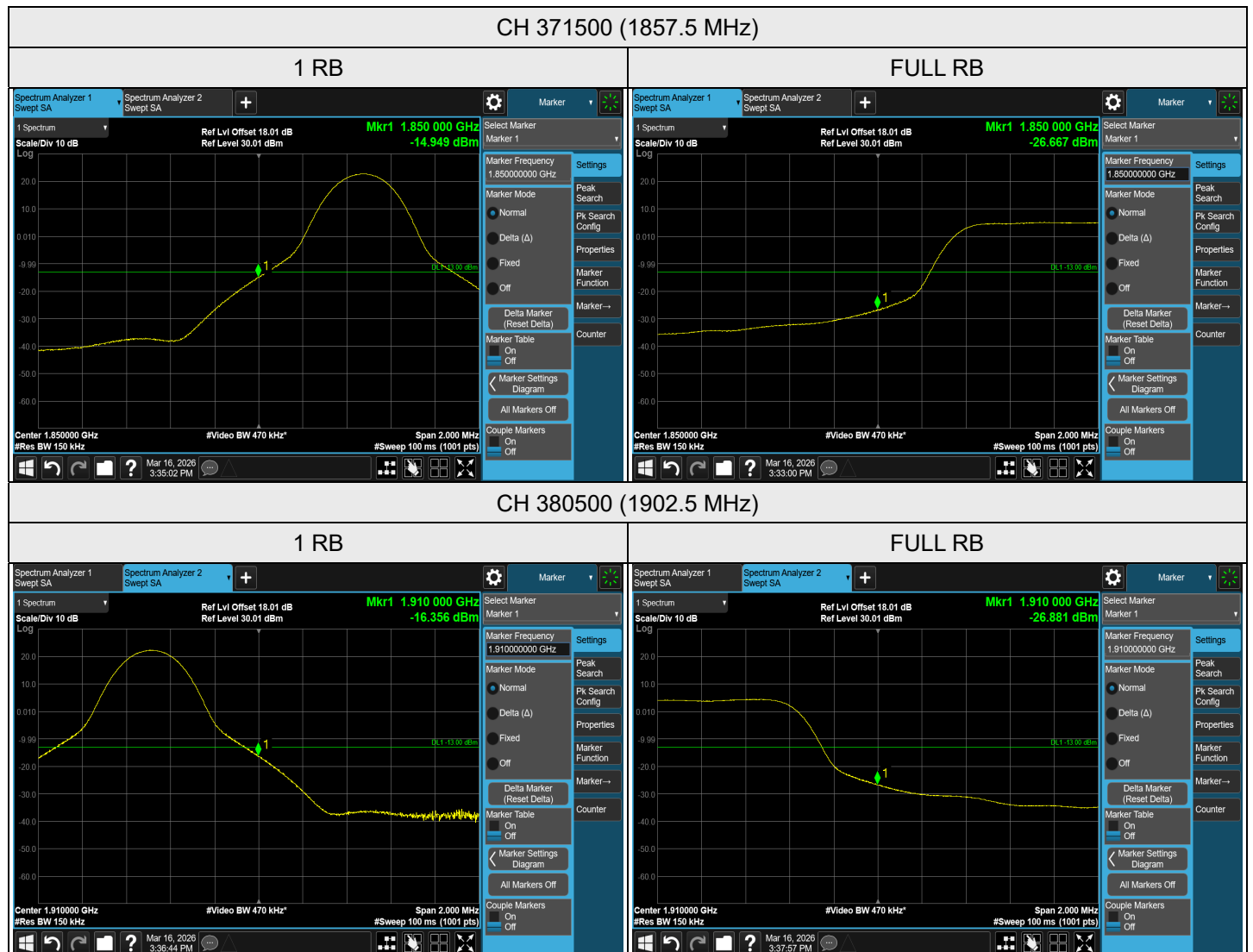
### CH 376000 (1880 MHz)



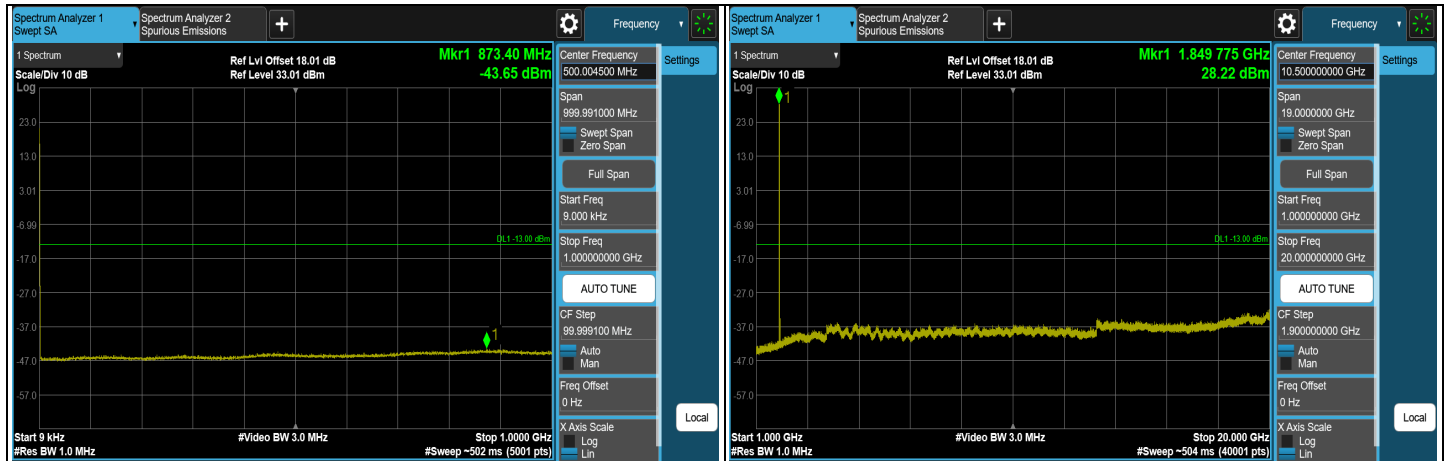
### CH 380500 (1902.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

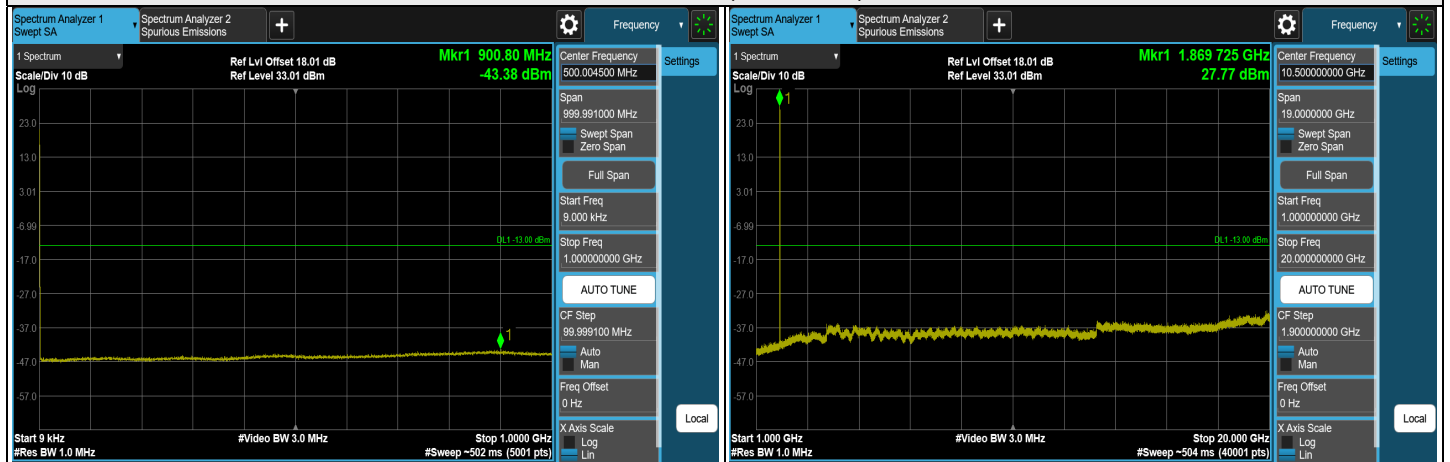
# NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 15 MHz



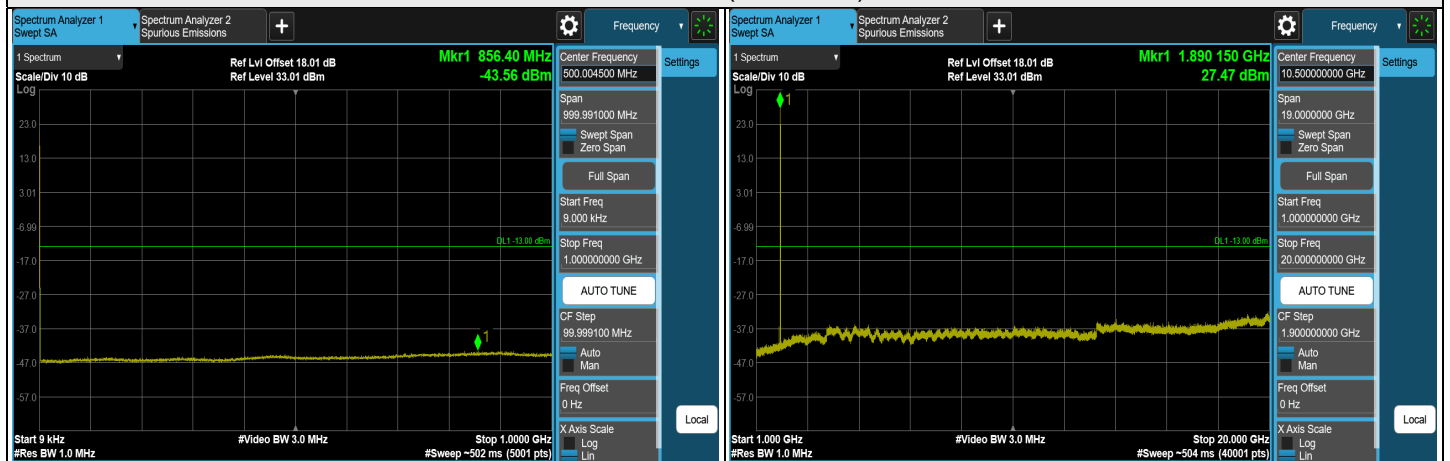
## NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 20 MHz



### CH 372000 (1860 MHz)



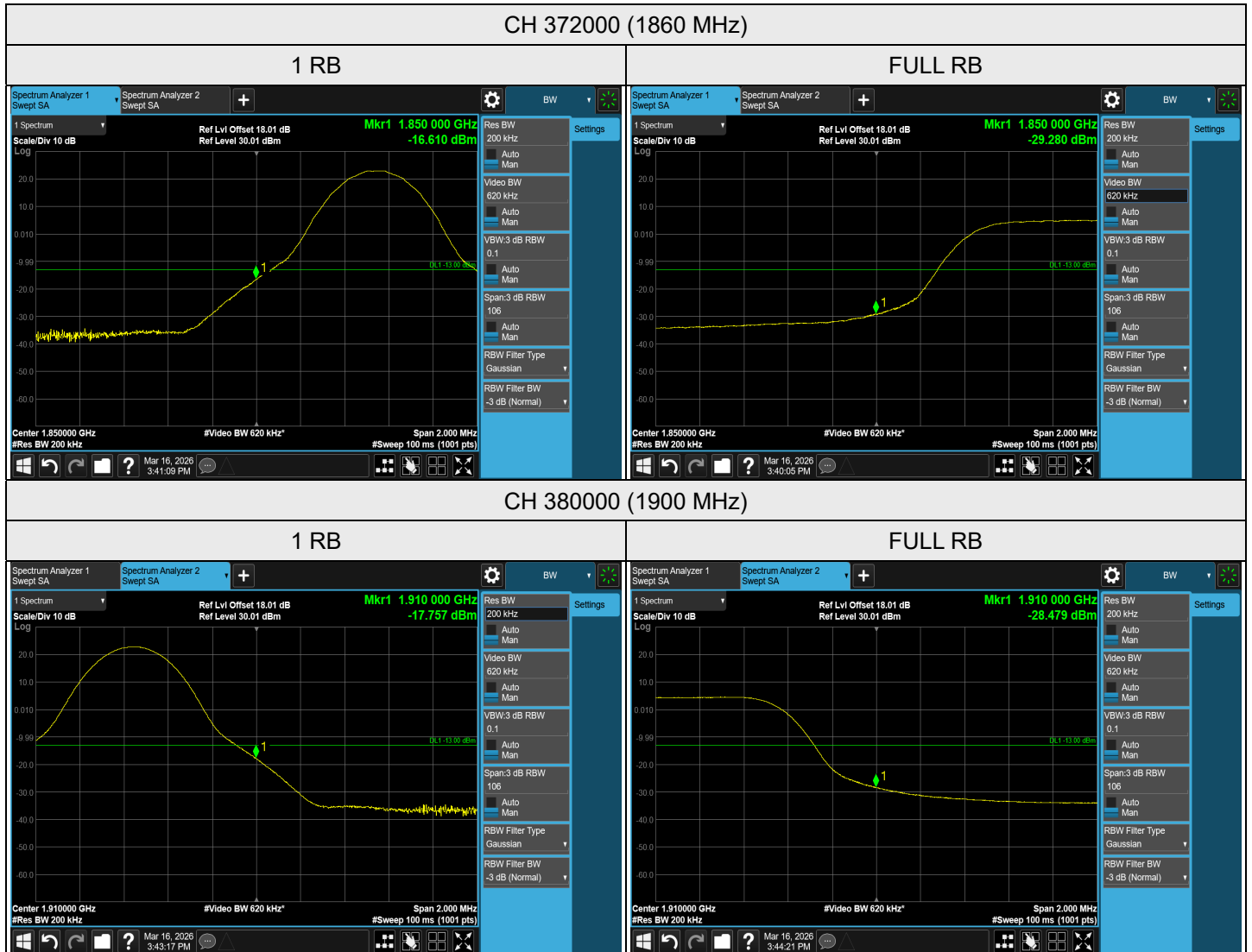
### CH 376000 (1880 MHz)



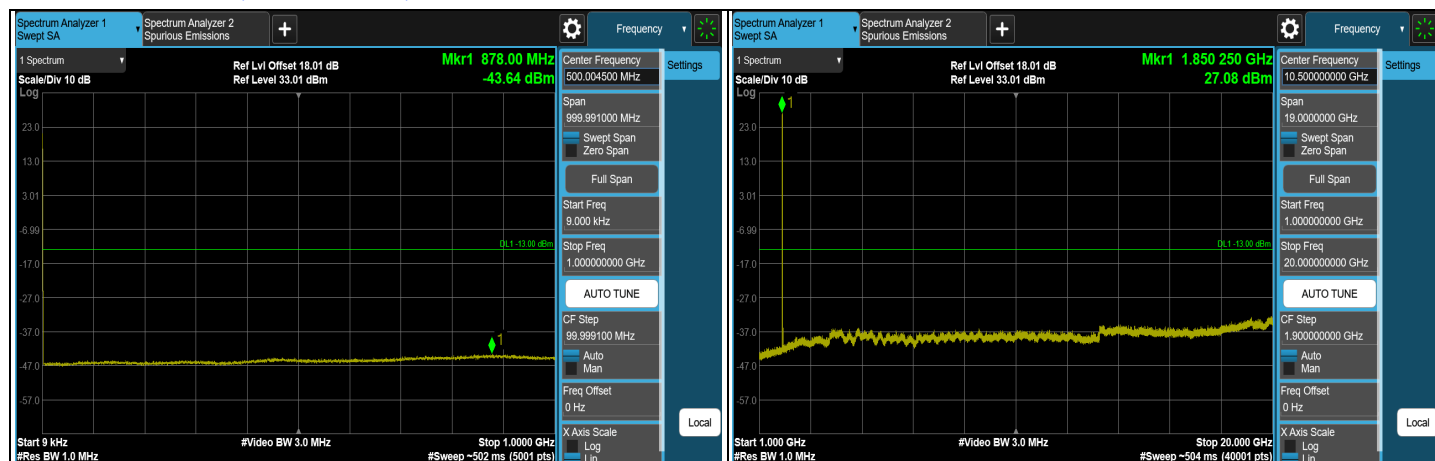
### CH 380000 (1900 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

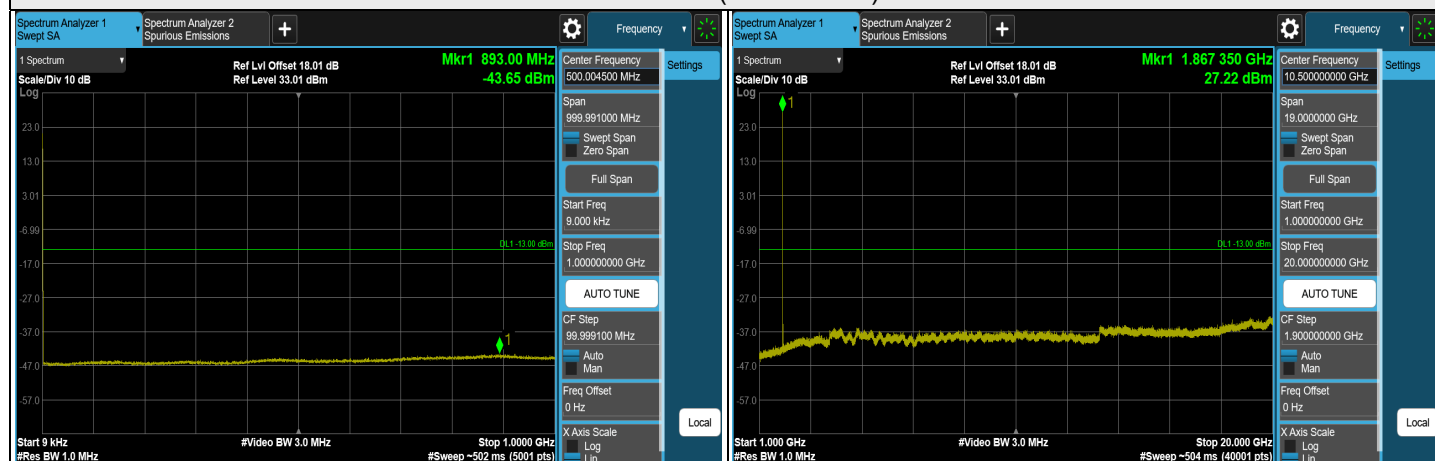
NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 20 MHz



## NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 25 MHz



### CH 372500 (1862.5 MHz)



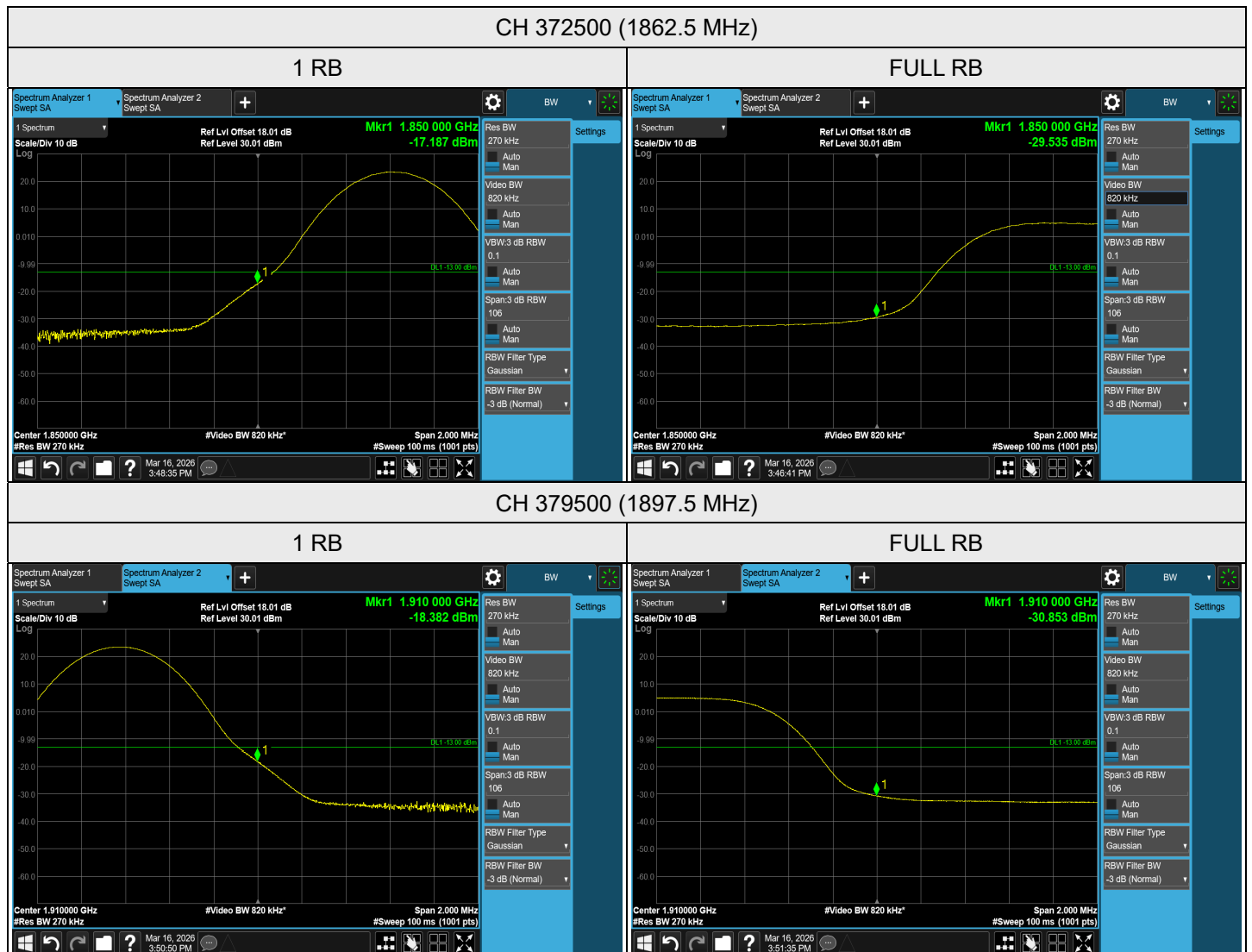
### CH 376000 (1880 MHz)



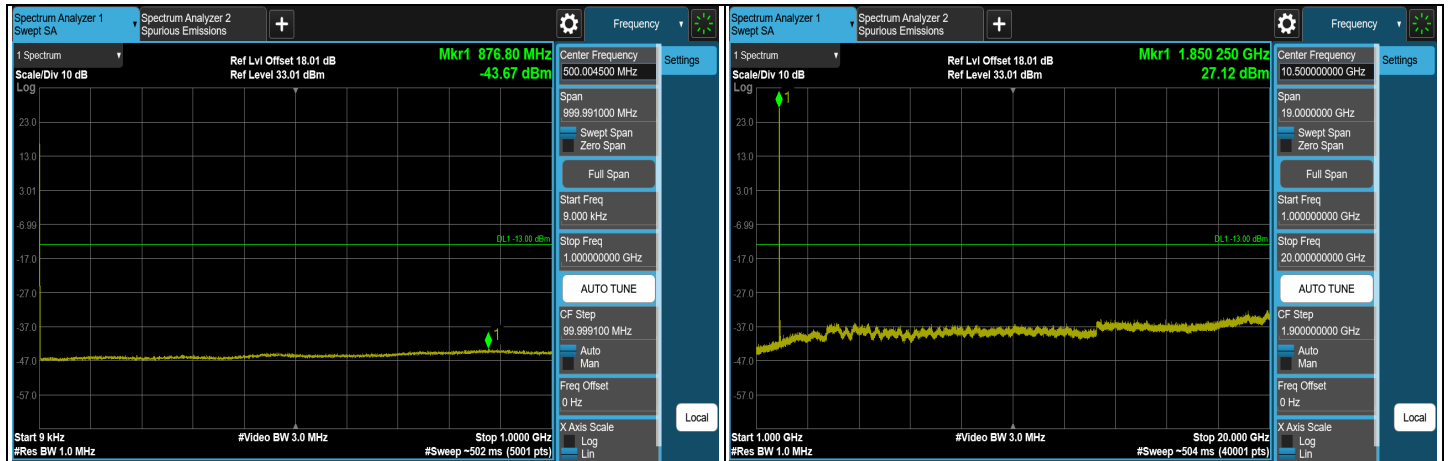
### CH 379500 (1897.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

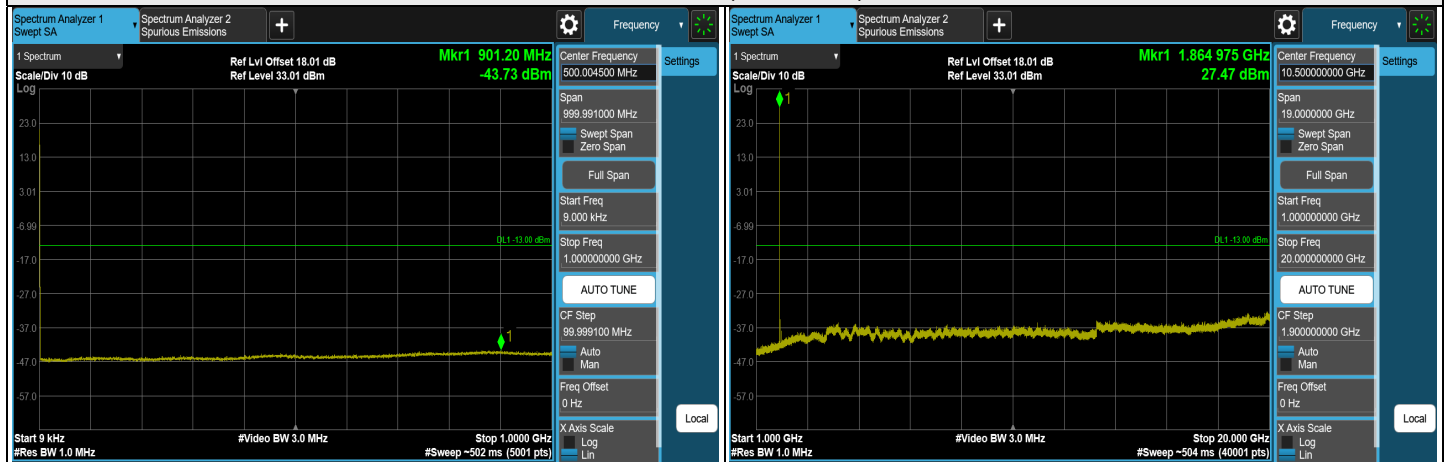
# NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 25 MHz



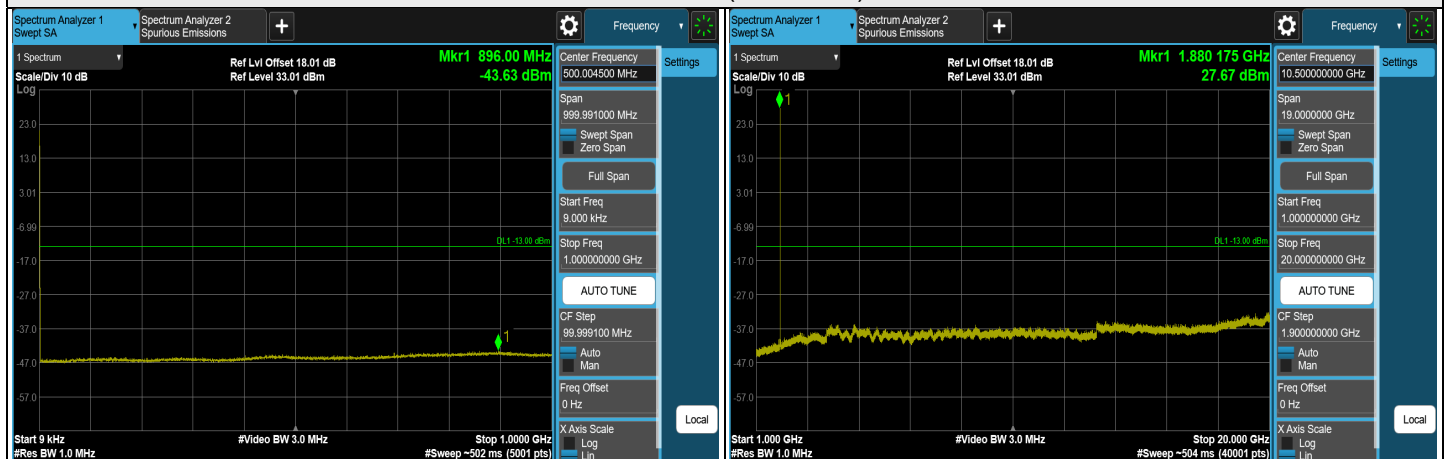
## NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 30 MHz



### CH 373000 (1865 MHz)



### CH 376000 (1880 MHz)



### CH 379000 (1895 MHz)

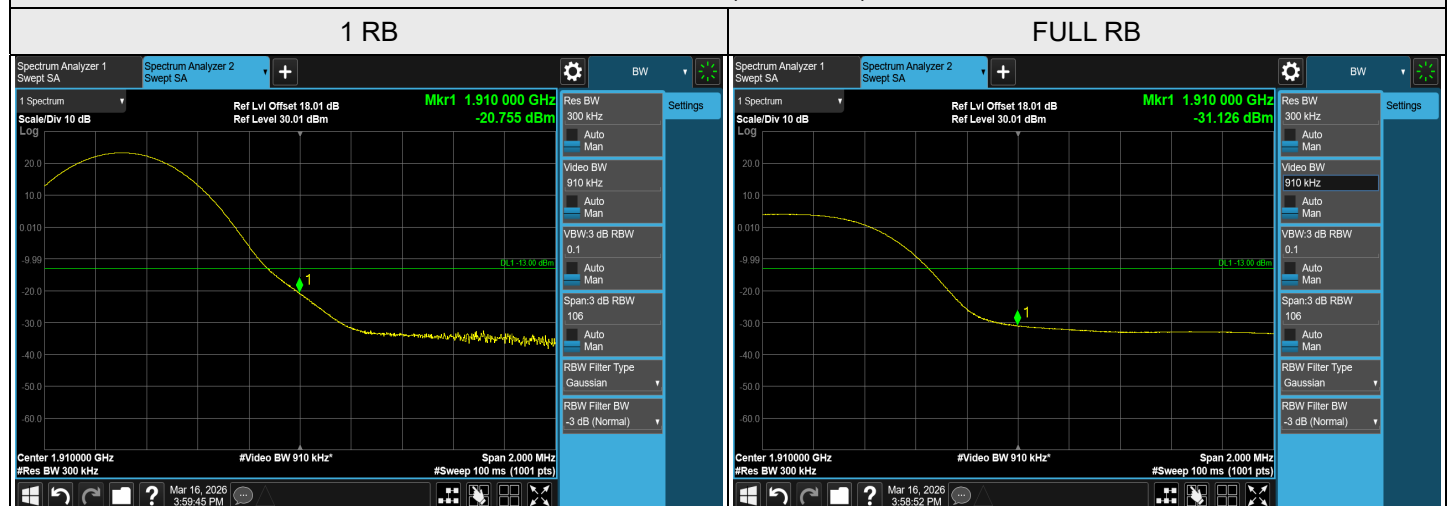
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

# NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 30 MHz

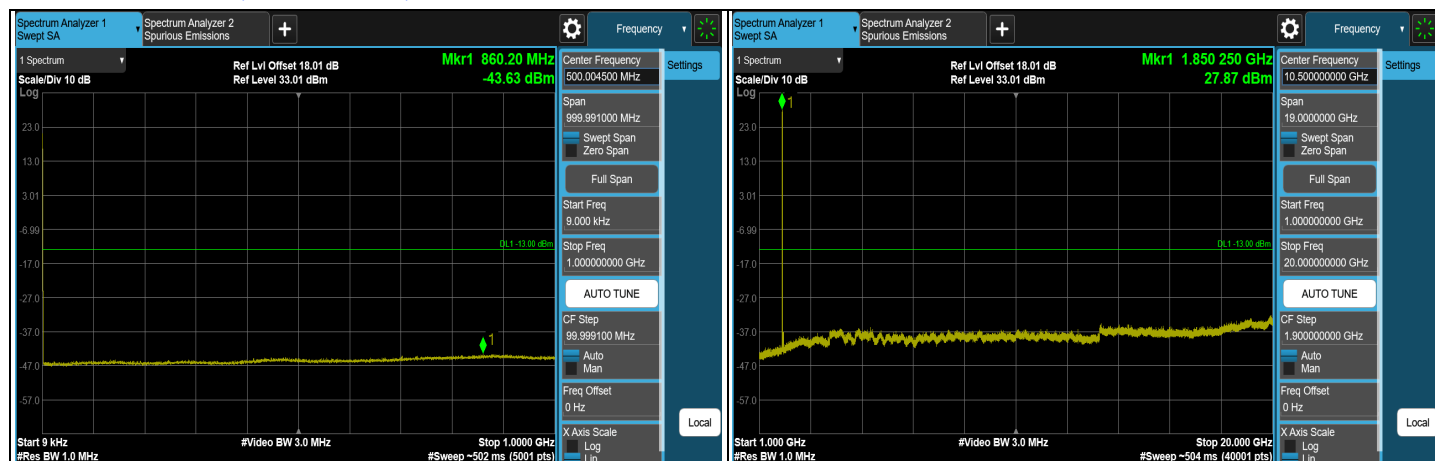
## CH 373000 (1865 MHz)



## CH 379000 (1895 MHz)



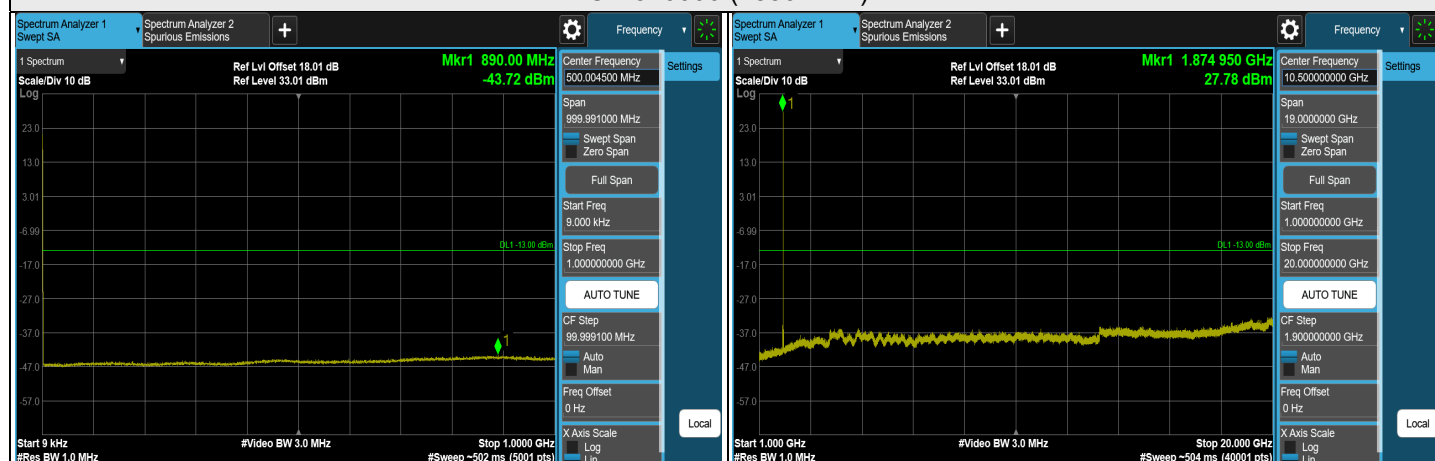
## NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 35 MHz



### CH 373500 (1867.5 MHz)



### CH 376000 (1880 MHz)



### CH 378500 (1892.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

