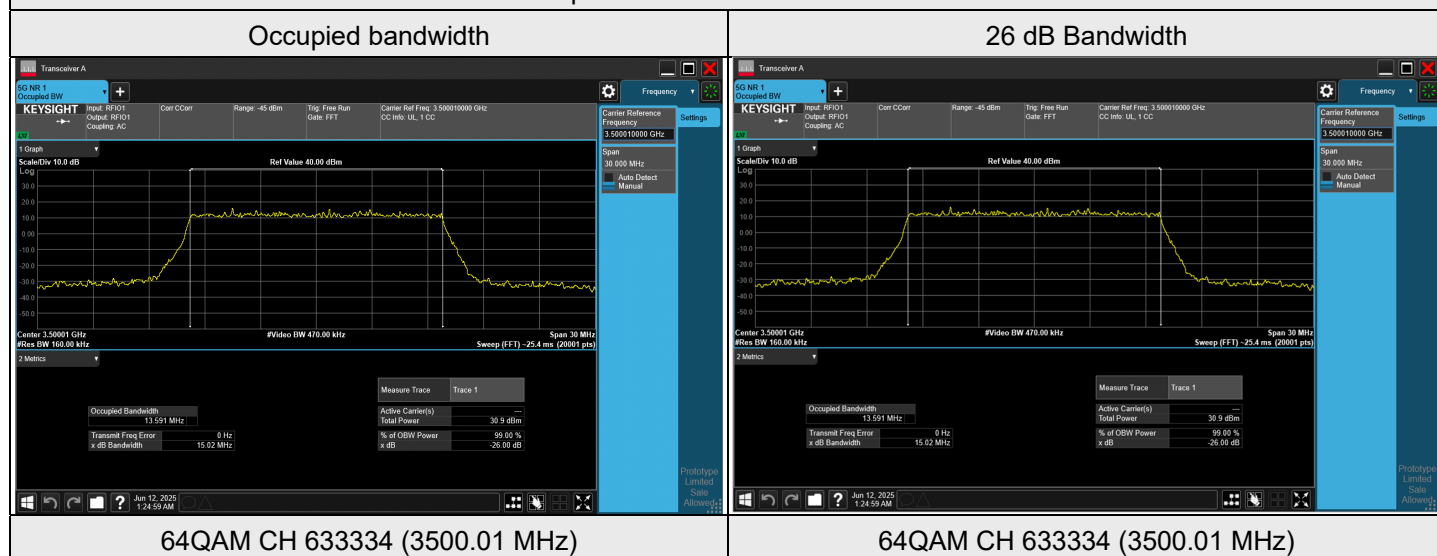


# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 15 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 13.503                   | 14.00                 |
| QPSK       | 633334  | 3500.01         | 13.531                   | 14.67                 |
| 16QAM      | 633334  | 3500.01         | 13.564                   | 14.71                 |
| 64QAM      | 633334  | 3500.01         | 13.591                   | 15.02                 |
| 256QAM     | 633334  | 3500.01         | 13.566                   | 15.01                 |

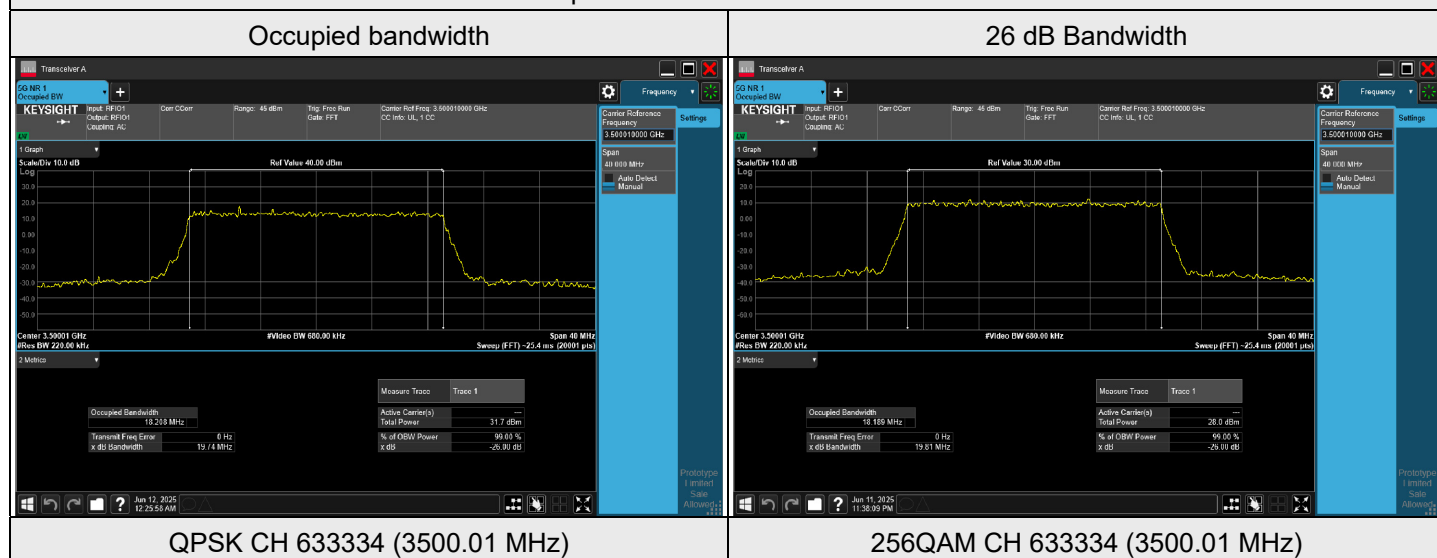
## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 20 MHz

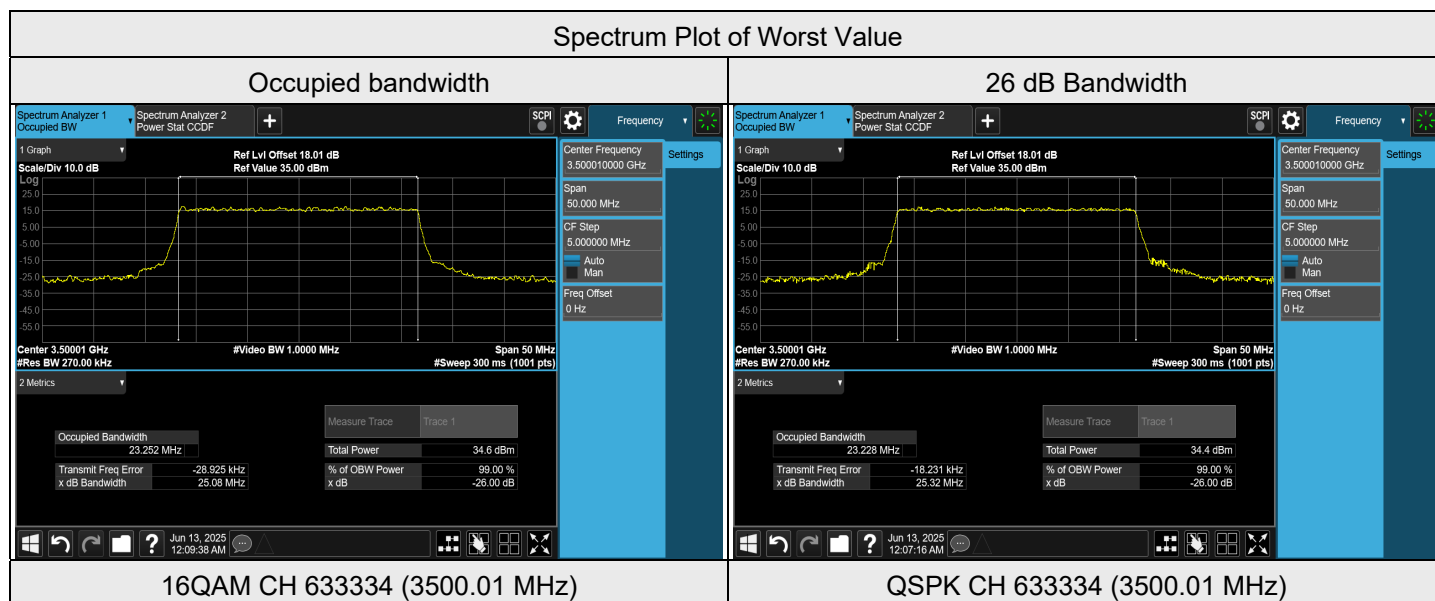
| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 18.081                   | 19.14                 |
| QPSK       | 633334  | 3500.01         | 18.208                   | 19.74                 |
| 16QAM      | 633334  | 3500.01         | 18.205                   | 19.69                 |
| 64QAM      | 633334  | 3500.01         | 18.182                   | 19.80                 |
| 256QAM     | 633334  | 3500.01         | 18.189                   | 19.81                 |

## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 25 MHz

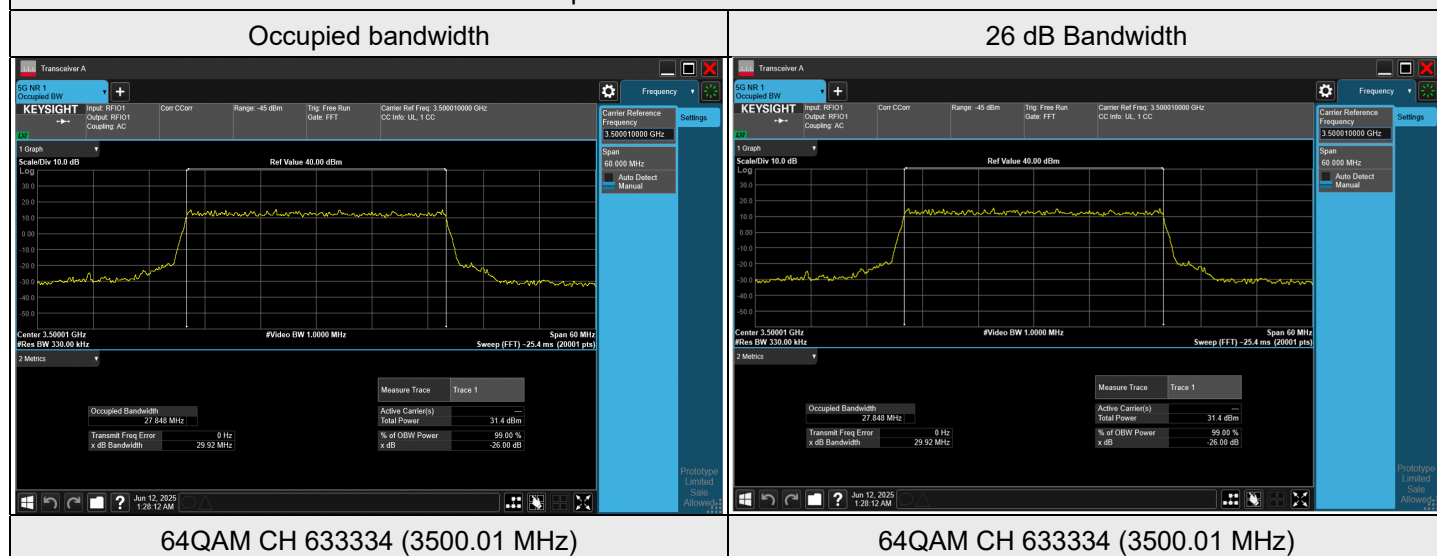
| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 22.889                   | 24.77                 |
| QPSK       | 633334  | 3500.01         | 23.228                   | 25.32                 |
| 16QAM      | 633334  | 3500.01         | 23.252                   | 25.08                 |
| 64QAM      | 633334  | 3500.01         | 23.207                   | 25.21                 |
| 256QAM     | 633334  | 3500.01         | 23.221                   | 25.02                 |



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 30 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 27.559                   | 28.60                 |
| QPSK       | 633334  | 3500.01         | 27.813                   | 29.67                 |
| 16QAM      | 633334  | 3500.01         | 27.777                   | 29.70                 |
| 64QAM      | 633334  | 3500.01         | 27.848                   | 29.92                 |
| 256QAM     | 633334  | 3500.01         | 27.842                   | 29.91                 |

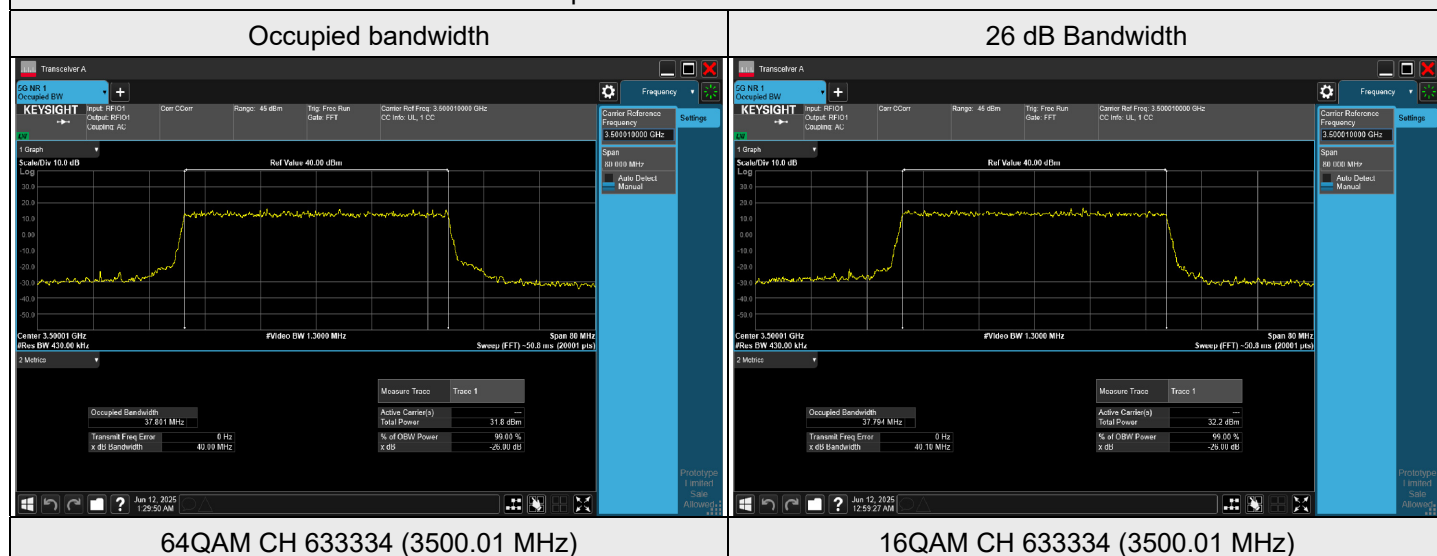
## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 40 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 37.522                   | 37.66                 |
| QPSK       | 633334  | 3500.01         | 37.729                   | 39.81                 |
| 16QAM      | 633334  | 3500.01         | 37.794                   | 40.10                 |
| 64QAM      | 633334  | 3500.01         | 37.801                   | 40.00                 |
| 256QAM     | 633334  | 3500.01         | 37.704                   | 39.89                 |

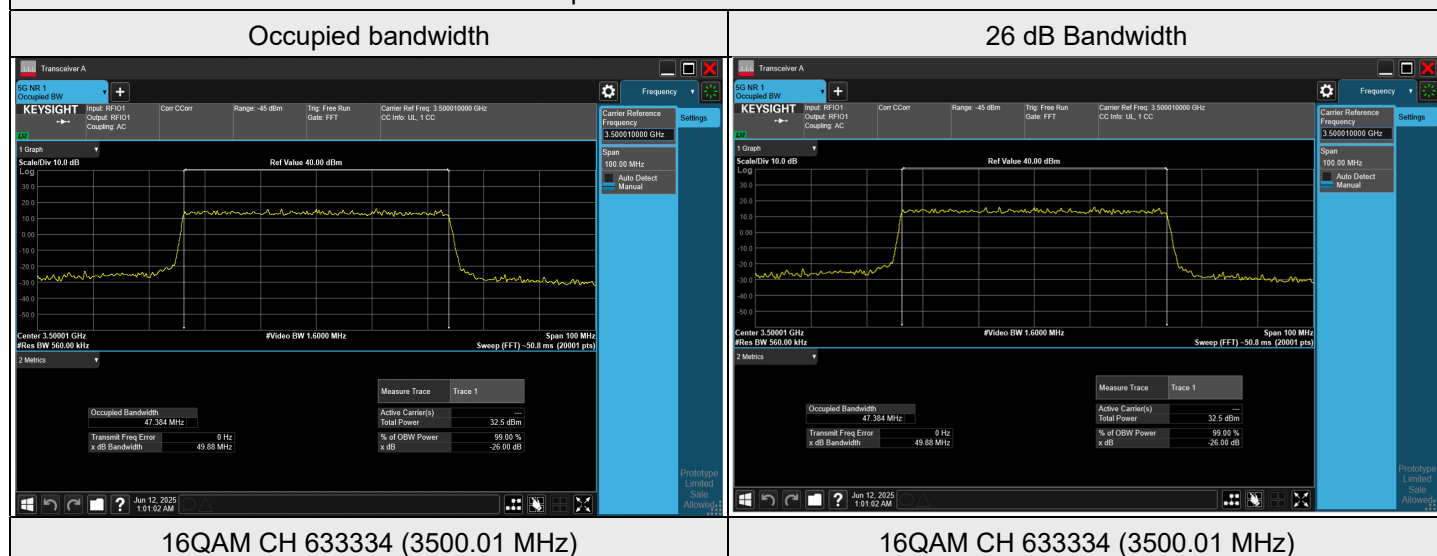
## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 50 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 47.040                   | 48.02                 |
| QPSK       | 633334  | 3500.01         | 47.302                   | 49.48                 |
| 16QAM      | 633334  | 3500.01         | 47.384                   | 49.88                 |
| 64QAM      | 633334  | 3500.01         | 47.303                   | 49.65                 |
| 256QAM     | 633334  | 3500.01         | 47.263                   | 49.69                 |

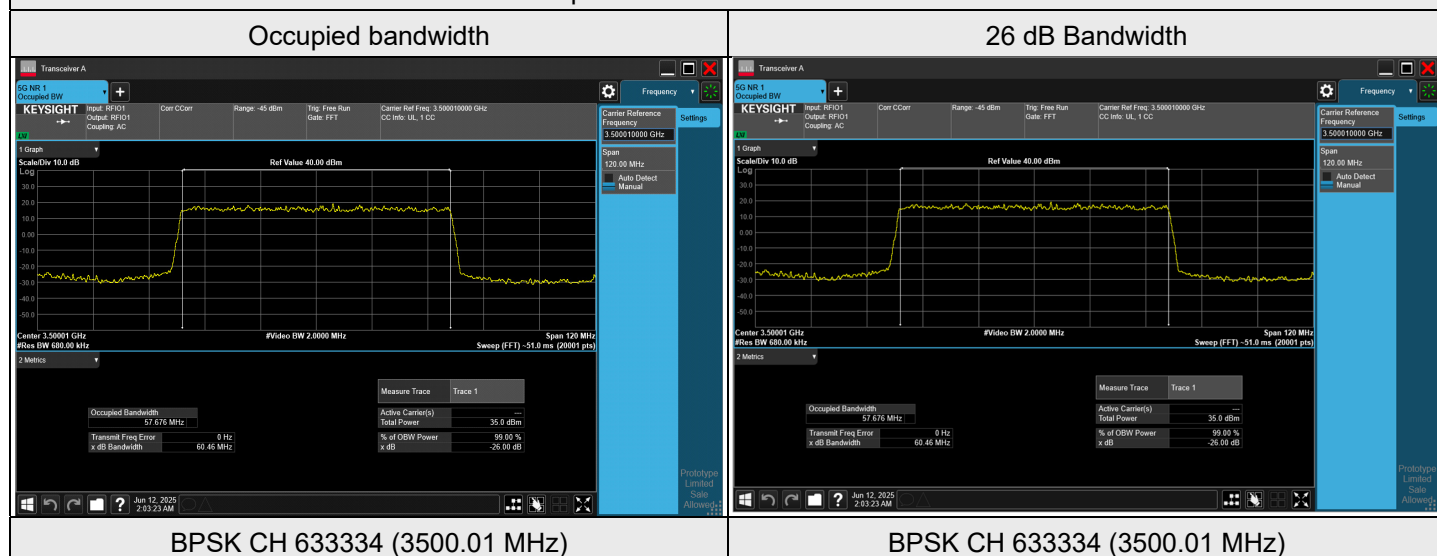
## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 60 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 57.676                   | 60.46                 |
| QPSK       | 633334  | 3500.01         | 57.672                   | 60.16                 |
| 16QAM      | 633334  | 3500.01         | 57.626                   | 60.21                 |
| 64QAM      | 633334  | 3500.01         | 57.566                   | 60.31                 |
| 256QAM     | 633334  | 3500.01         | 57.653                   | 60.33                 |

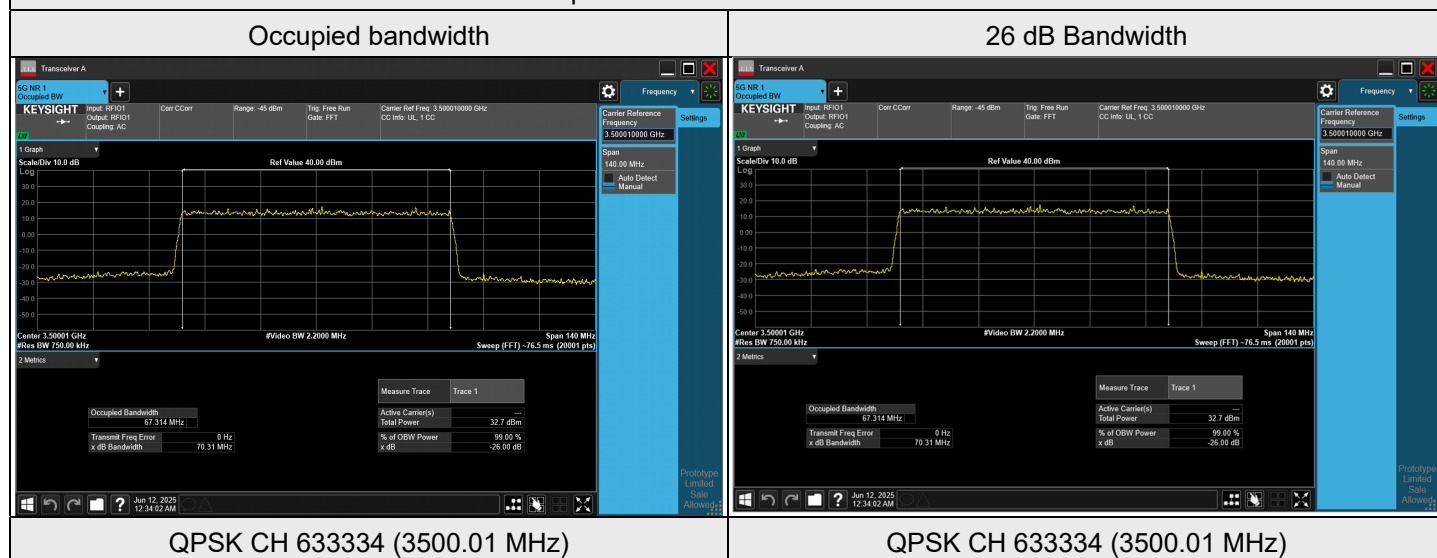
## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 70 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 66.627                   | 67.02                 |
| QPSK       | 633334  | 3500.01         | 67.314                   | 70.31                 |
| 16QAM      | 633334  | 3500.01         | 67.192                   | 70.25                 |
| 64QAM      | 633334  | 3500.01         | 67.262                   | 70.26                 |
| 256QAM     | 633334  | 3500.01         | 67.229                   | 70.28                 |

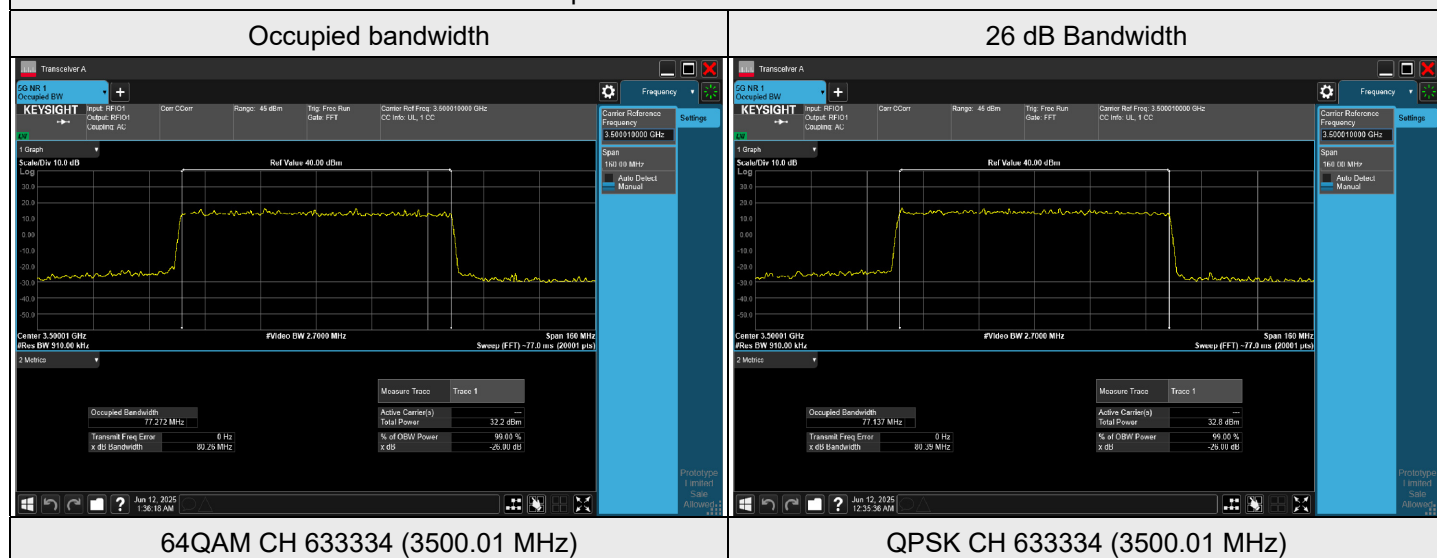
## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 80 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 77.016                   | 80.00                 |
| QPSK       | 633334  | 3500.01         | 77.137                   | 80.39                 |
| 16QAM      | 633334  | 3500.01         | 77.222                   | 80.36                 |
| 64QAM      | 633334  | 3500.01         | 77.272                   | 80.26                 |
| 256QAM     | 633334  | 3500.01         | 77.172                   | 80.29                 |

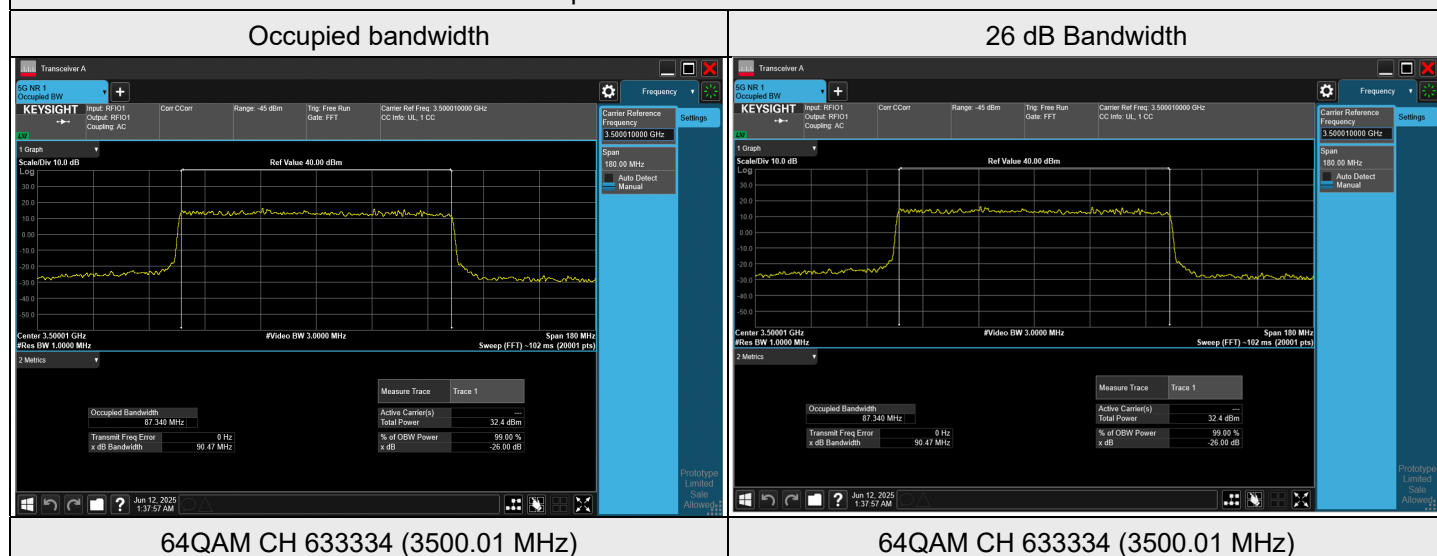
## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 90 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 86.690                   | 90.18                 |
| QPSK       | 633334  | 3500.01         | 87.176                   | 90.38                 |
| 16QAM      | 633334  | 3500.01         | 87.036                   | 90.39                 |
| 64QAM      | 633334  | 3500.01         | 87.340                   | 90.47                 |
| 256QAM     | 633334  | 3500.01         | 87.089                   | 90.40                 |

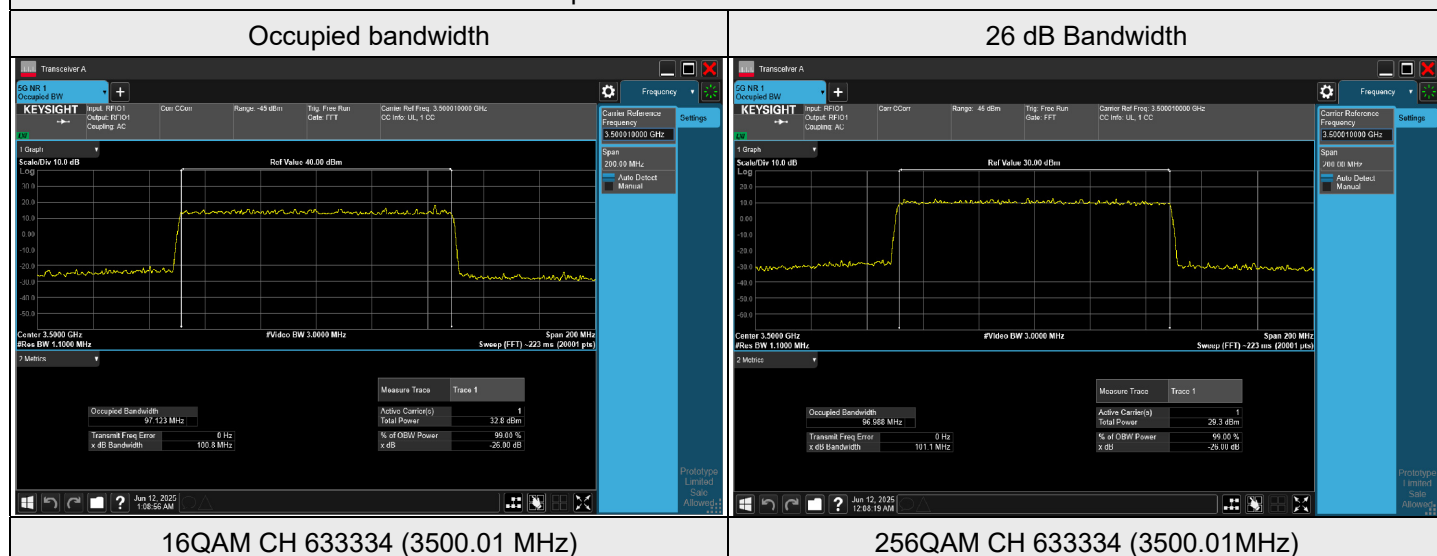
## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5\_MIMO-Ant 3, Channel Bandwidth: 100 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 633334  | 3500.01         | 96.422                   | 99.74                 |
| QPSK       | 633334  | 3500.01         | 97.086                   | 101.0                 |
| 16QAM      | 633334  | 3500.01         | 97.123                   | 100.8                 |
| 64QAM      | 633334  | 3500.01         | 97.008                   | 100.7                 |
| 256QAM     | 633334  | 3500.01         | 96.988                   | 101.1                 |

## Spectrum Plot of Worst Value

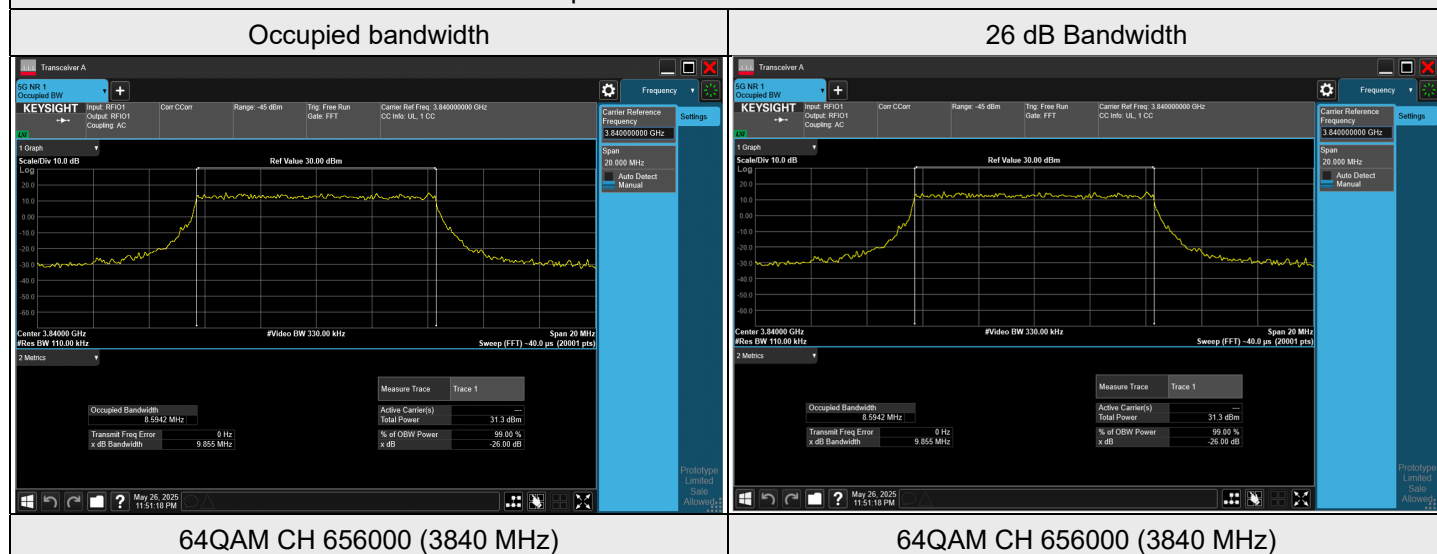


#### 7.4.16 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

#### NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 0, Channel Bandwidth: 10 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 656000  | 3840            | 8.5630                   | 9.517                 |
| QPSK       | 656000  | 3840            | 8.5562                   | 9.548                 |
| 16QAM      | 656000  | 3840            | 8.5686                   | 9.687                 |
| 64QAM      | 656000  | 3840            | 8.5942                   | 9.855                 |
| 256QAM     | 656000  | 3840            | 8.5663                   | 9.550                 |

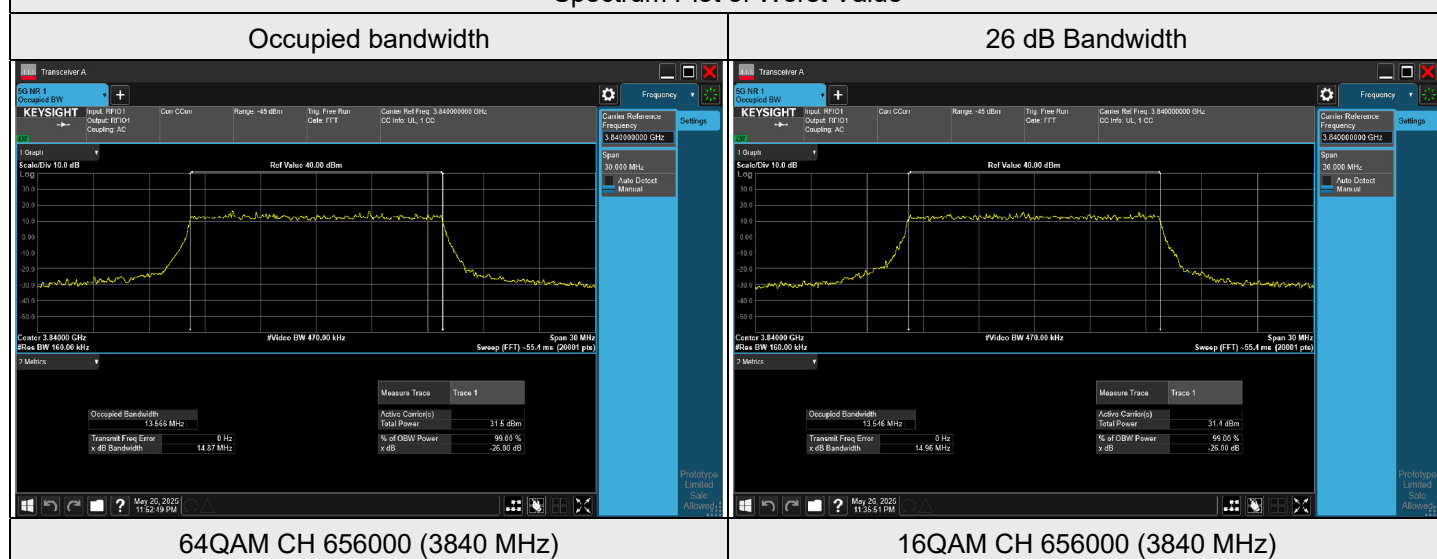
#### Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 0, Channel Bandwidth: 15 MHz

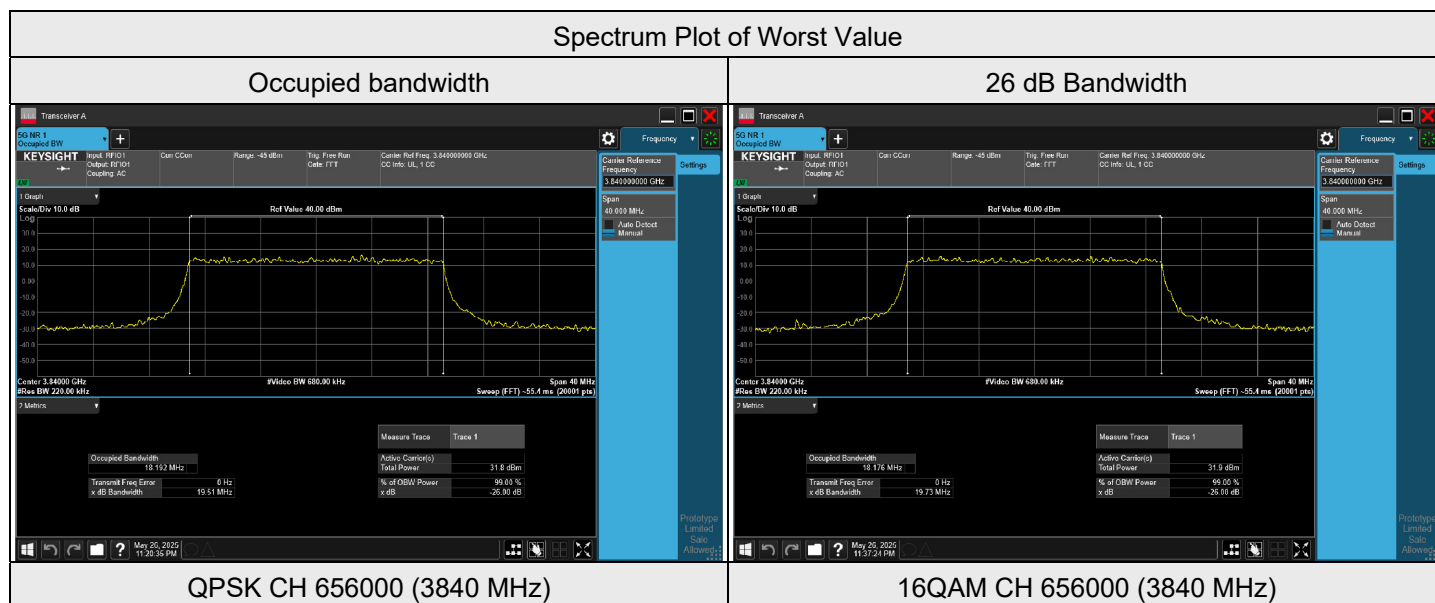
| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 656000  | 3840            | 13.378                   | 13.98                 |
| QPSK       | 656000  | 3840            | 13.537                   | 14.91                 |
| 16QAM      | 656000  | 3840            | 13.546                   | 14.96                 |
| 64QAM      | 656000  | 3840            | 13.566                   | 14.87                 |
| 256QAM     | 656000  | 3840            | 13.564                   | 14.83                 |

## Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 0, Channel Bandwidth: 20 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 656000  | 3840            | 18.001                   | 19.66                 |
| QPSK       | 656000  | 3840            | 18.192                   | 19.51                 |
| 16QAM      | 656000  | 3840            | 18.176                   | 19.73                 |
| 64QAM      | 656000  | 3840            | 18.145                   | 19.66                 |
| 256QAM     | 656000  | 3840            | 18.173                   | 19.72                 |



**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5\_MIMO-Ant 0, Channel Bandwidth: 25 MHz**

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 656000  | 3840            | 22.855                   | 23.78                 |
| QPSK       | 656000  | 3840            | 23.213                   | 24.25                 |
| 16QAM      | 656000  | 3840            | 23.114                   | 24.11                 |
| 64QAM      | 656000  | 3840            | 23.067                   | 23.99                 |
| 256QAM     | 656000  | 3840            | 23.084                   | 24.08                 |

**Spectrum Plot of Worst Value**

