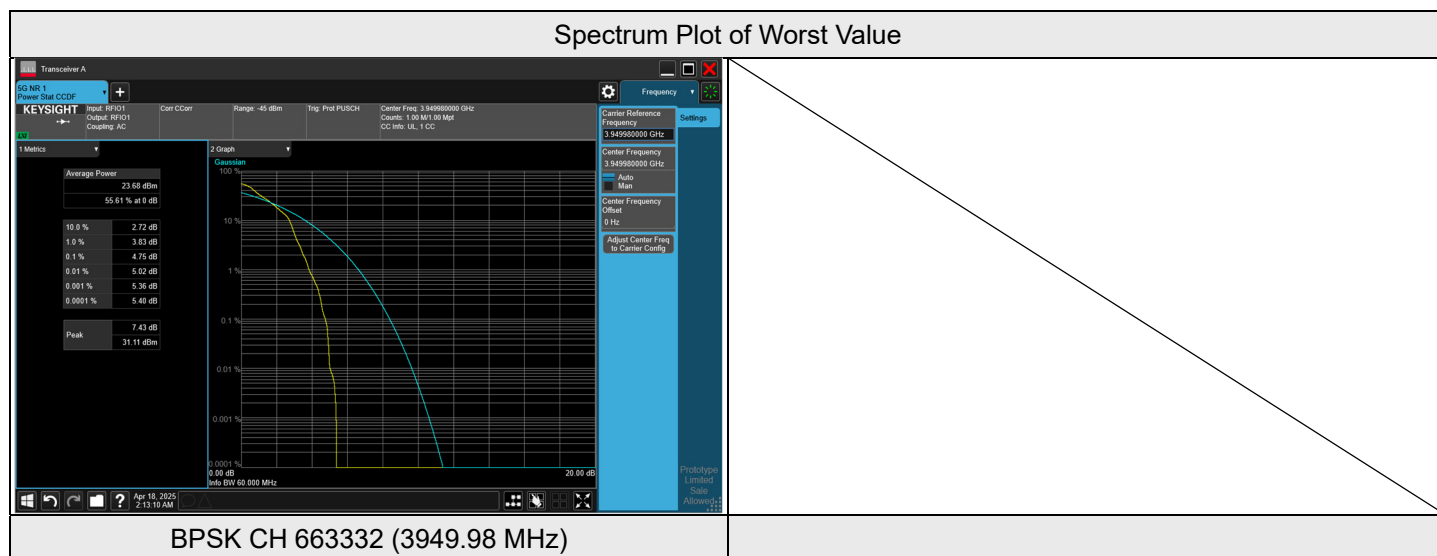


# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2\_PC2, Channel Bandwidth: 60 MHz

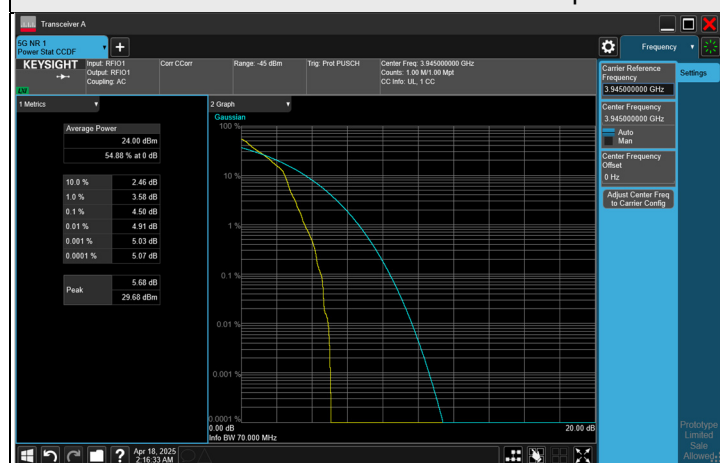
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 648668                  | CH 656000 | CH 663332   |
|            |         |           | 3730.02 MHz                | 3840 MHz  | 3949.98 MHz |
| BPSK       | 1       | 161       | 4.19                       | 4.19      | 4.75        |
|            | 1       | 0         | 4.71                       | 4.12      | 3.98        |
|            | 162     | 0         | 4.45                       | 4.15      | 4.56        |



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2\_PC2, Channel Bandwidth: 70 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 649000                  | CH 656000 | CH 663000 |
|            |         |           | 3735 MHz                   | 3840 MHz  | 3945 MHz  |
| BPSK       | 1       | 188       | 4.46                       | 4.14      | 4.50      |
|            | 1       | 0         | 4.39                       | 4.13      | 4.18      |
|            | 180     | 0         | 4.30                       | 4.48      | 4.41      |

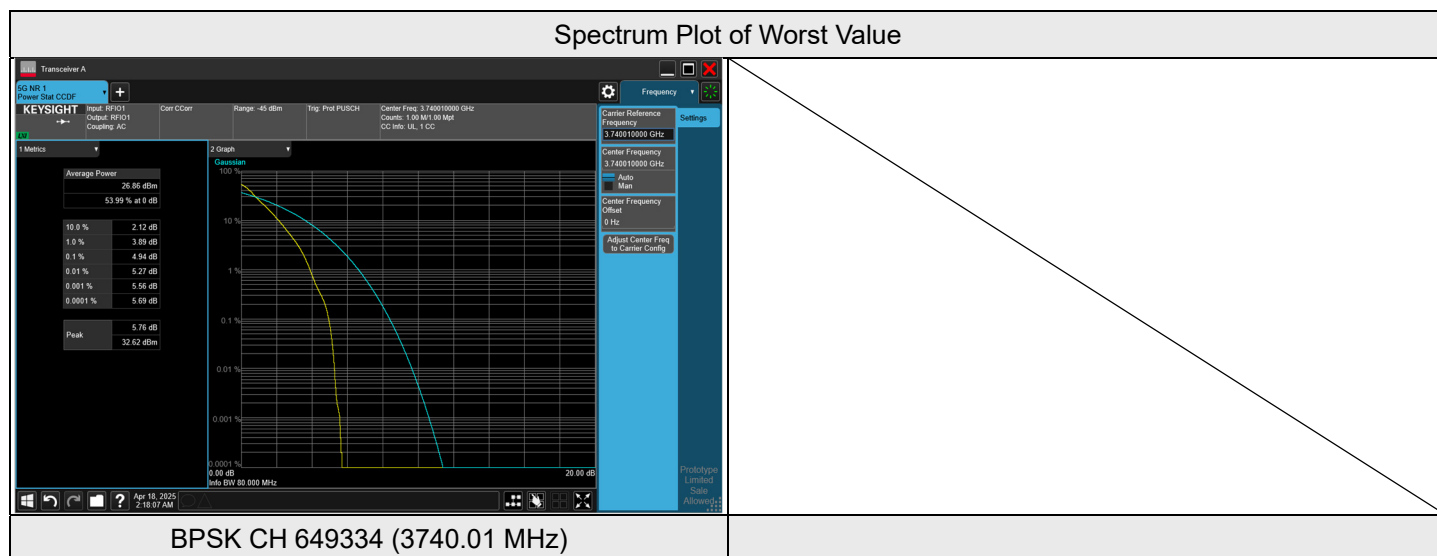
Spectrum Plot of Worst Value



BPSK CH 663000 (3945 MHz)

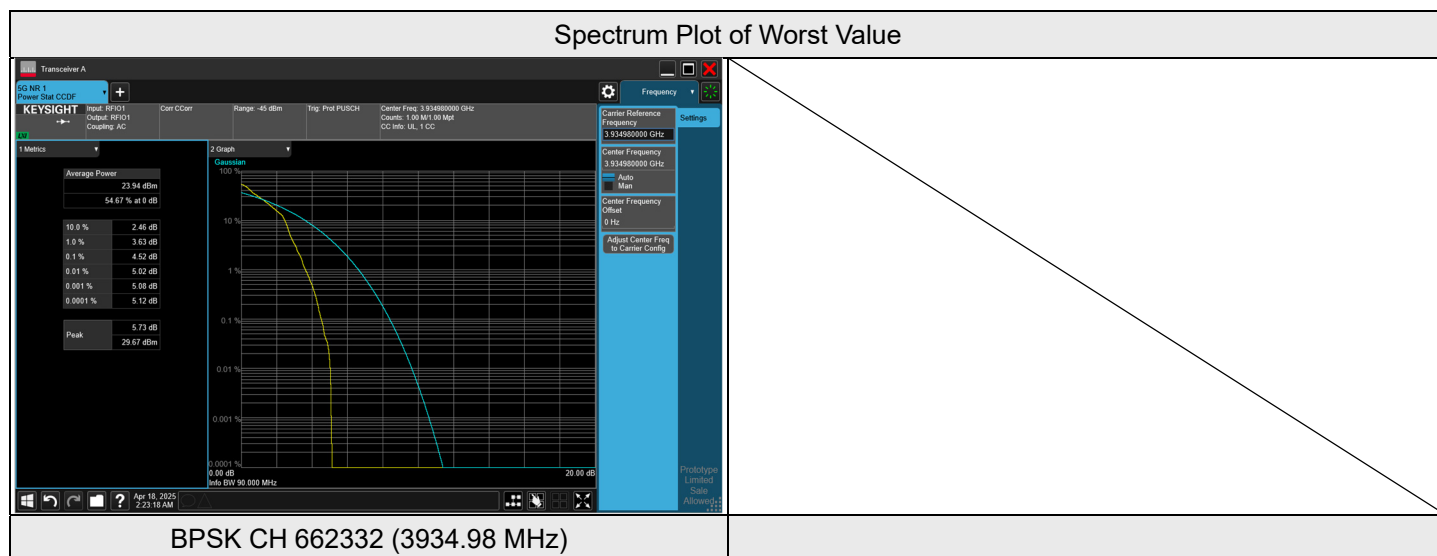
# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2\_PC2, Channel Bandwidth: 80 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 649334                  | CH 656000 | CH 662666   |
|            |         |           | 3740.01 MHz                | 3840 MHz  | 3939.99 MHz |
| BPSK       | 1       | 216       | 3.88                       | 4.11      | 4.17        |
|            | 1       | 0         | 4.40                       | 3.78      | 4.09        |
|            | 216     | 0         | 4.94                       | 4.65      | 4.78        |



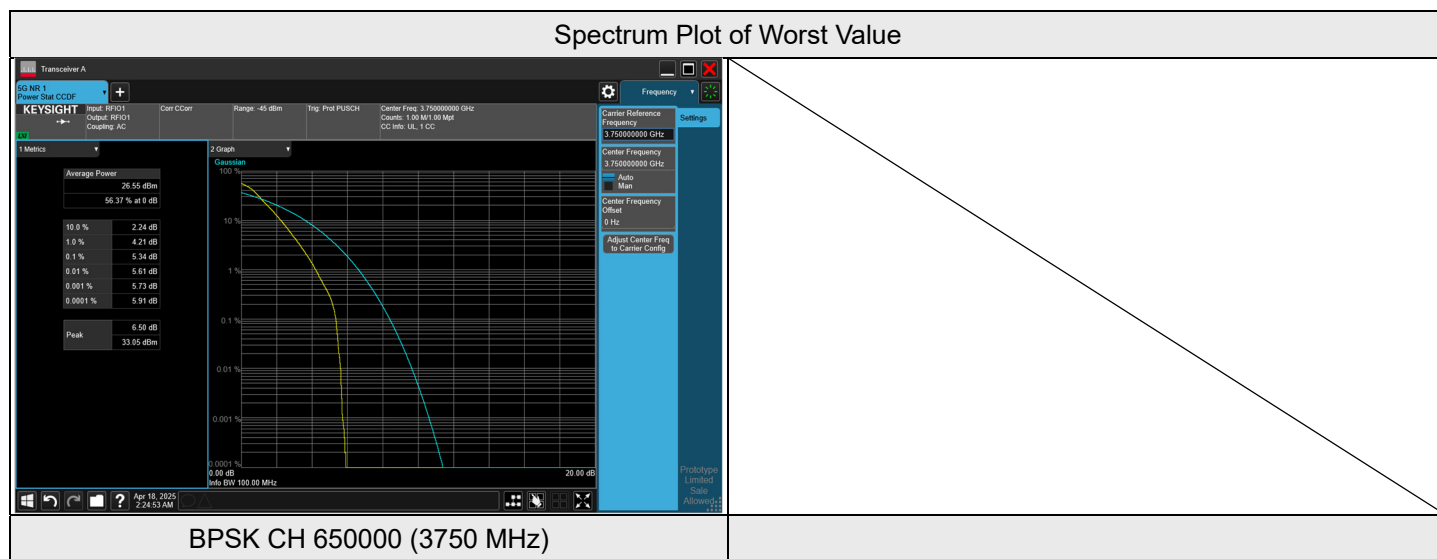
# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2\_PC2, Channel Bandwidth: 90 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 649668                  | CH 656000 | CH 662332   |
|            |         |           | 3745.02 MHz                | 3840 MHz  | 3934.98 MHz |
| BPSK       | 1       | 244       | 3.87                       | 4.13      | 4.52        |
|            | 1       | 0         | 4.14                       | 4.05      | 4.44        |
|            | 243     | 0         | 4.49                       | 4.43      | 4.40        |



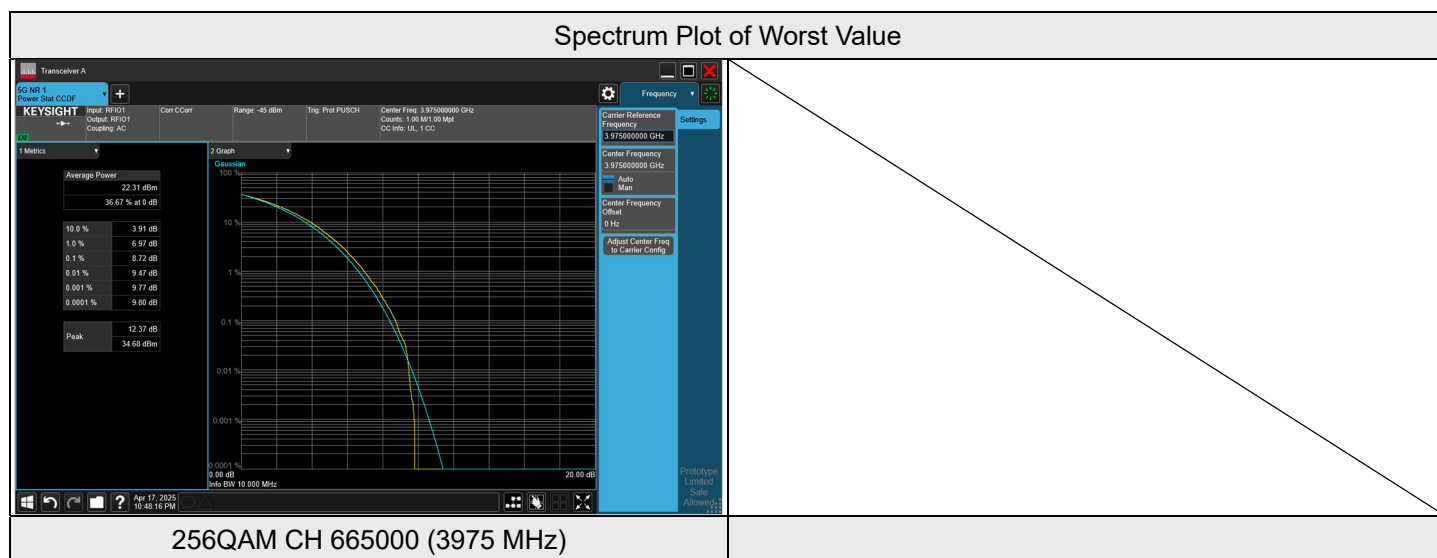
# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Ant 2\_PC2, Channel Bandwidth: 100 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 650000                  | CH 656000 | CH 662000 |
|            |         |           | 3750 MHz                   | 3840 MHz  | 3930 MHz  |
| BPSK       | 1       | 272       | 4.09                       | 3.89      | 4.37      |
|            | 1       | 0         | 4.41                       | 4.35      | 3.92      |
|            | 270     | 0         | 5.34                       | 4.77      | 5.12      |



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 10 MHz

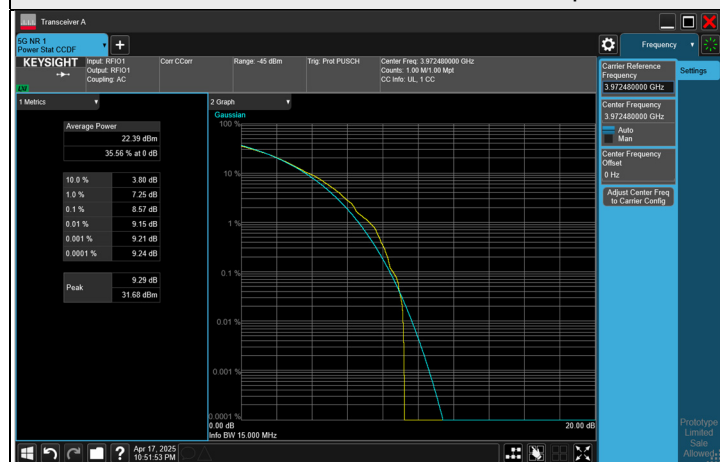
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 647000                  | CH 656000 | CH 665000 |
|            |         |           | 3705 MHz                   | 3840 MHz  | 3975 MHz  |
| QPSK       | 1       | 23        | 7.55                       | 7.44      | 7.68      |
|            | 1       | 0         | 7.72                       | 7.48      | 8.03      |
|            | 24      | 0         | 7.07                       | 7.05      | 6.46      |
| 16QAM      | 1       | 23        | 8.08                       | 7.71      | 7.98      |
|            | 1       | 0         | 8.08                       | 7.80      | 8.13      |
|            | 24      | 0         | 6.91                       | 7.19      | 6.45      |
| 64QAM      | 1       | 23        | 8.03                       | 7.97      | 8.34      |
|            | 1       | 0         | 7.80                       | 8.08      | 8.16      |
|            | 24      | 0         | 7.63                       | 7.28      | 6.70      |
| 256QAM     | 1       | 23        | 8.21                       | 7.74      | 8.08      |
|            | 1       | 0         | 8.25                       | 7.74      | 8.12      |
|            | 24      | 0         | 8.44                       | 8.06      | 8.72      |



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 15 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 647168                  | CH 656000 | CH 664832   |
|            |         |           | 3707.52 MHz                | 3840 MHz  | 3972.48 MHz |
| QPSK       | 1       | 37        | 7.72                       | 7.48      | 7.94        |
|            | 1       | 0         | 7.67                       | 7.75      | 8.03        |
|            | 38      | 0         | 7.36                       | 7.20      | 6.65        |
| 16QAM      | 1       | 37        | 7.82                       | 7.81      | 8.13        |
|            | 1       | 0         | 8.02                       | 7.87      | 8.13        |
|            | 38      | 0         | 7.12                       | 7.44      | 6.75        |
| 64QAM      | 1       | 37        | 8.19                       | 8.02      | 8.38        |
|            | 1       | 0         | 8.32                       | 7.99      | 8.41        |
|            | 38      | 0         | 7.56                       | 7.67      | 7.30        |
| 256QAM     | 1       | 37        | 8.01                       | 8.20      | 8.57        |
|            | 1       | 0         | 8.02                       | 7.92      | 8.10        |
|            | 38      | 0         | 8.22                       | 7.99      | 8.40        |

Spectrum Plot of Worst Value

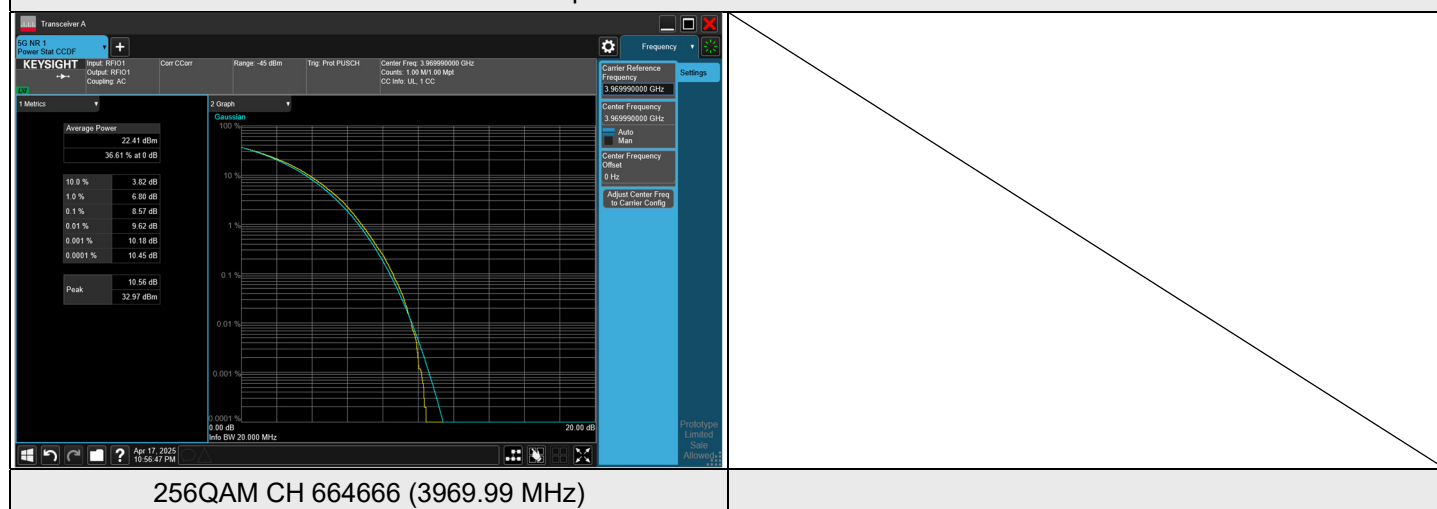


256QAM CH 664832 (3972.48 MHz)

# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 20 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 647334                  | CH 656000 | CH 664666   |
|            |         |           | 3710.01 MHz                | 3840 MHz  | 3969.99 MHz |
| QPSK       | 1       | 50        | 7.85                       | 7.55      | 7.97        |
|            | 1       | 0         | 8.09                       | 7.64      | 7.90        |
|            | 51      | 0         | 7.36                       | 7.66      | 6.96        |
| 16QAM      | 1       | 50        | 7.76                       | 7.64      | 7.76        |
|            | 1       | 0         | 7.85                       | 7.75      | 8.09        |
|            | 51      | 0         | 7.30                       | 7.29      | 7.08        |
| 64QAM      | 1       | 50        | 8.15                       | 7.99      | 7.98        |
|            | 1       | 0         | 8.28                       | 7.96      | 8.05        |
|            | 51      | 0         | 7.72                       | 7.52      | 7.30        |
| 256QAM     | 1       | 50        | 8.01                       | 7.77      | 8.26        |
|            | 1       | 0         | 7.95                       | 7.76      | 8.14        |
|            | 51      | 0         | 8.24                       | 8.05      | 8.57        |

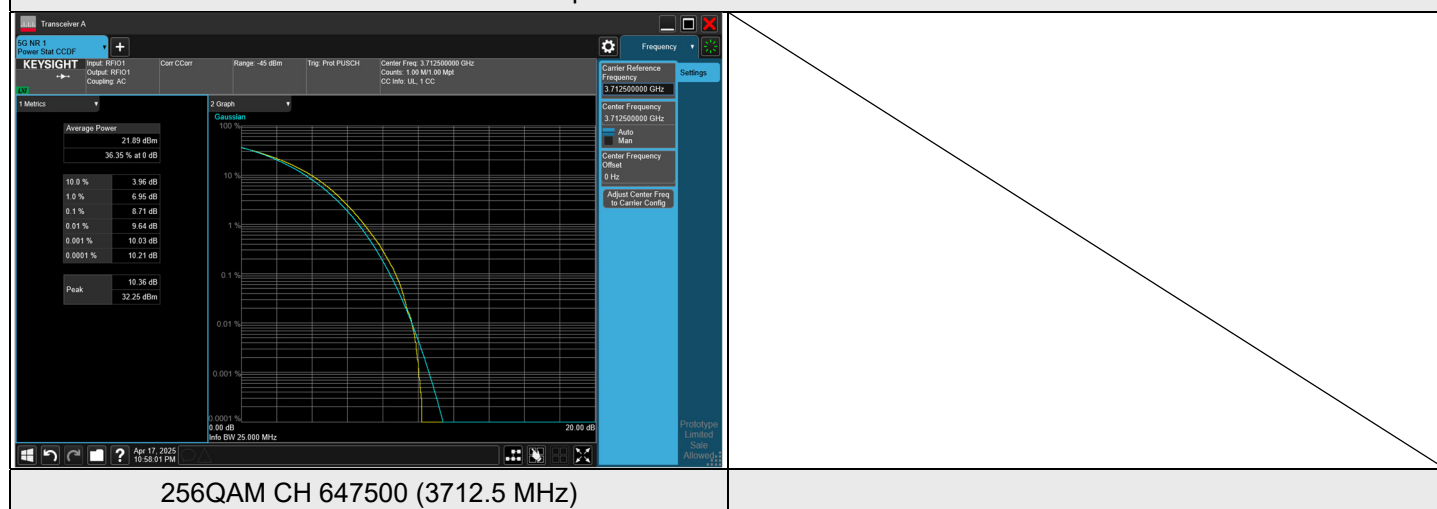
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 25 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |            |
|------------|---------|-----------|----------------------------|-----------|------------|
|            |         |           | CH 647500                  | CH 656000 | CH 664500  |
|            |         |           | 3712.5 MHz                 | 3840 MHz  | 3967.5 MHz |
| QPSK       | 1       | 64        | 7.75                       | 7.91      | 7.79       |
|            | 1       | 0         | 7.58                       | 7.75      | 7.70       |
|            | 65      | 0         | 7.07                       | 6.90      | 6.64       |
| 16QAM      | 1       | 64        | 7.93                       | 7.68      | 7.79       |
|            | 1       | 0         | 7.96                       | 7.82      | 7.89       |
|            | 65      | 0         | 7.18                       | 7.03      | 6.77       |
| 64QAM      | 1       | 64        | 7.69                       | 7.56      | 8.04       |
|            | 1       | 0         | 7.91                       | 7.56      | 7.82       |
|            | 65      | 0         | 7.27                       | 7.48      | 7.09       |
| 256QAM     | 1       | 64        | 8.00                       | 7.67      | 7.96       |
|            | 1       | 0         | 8.32                       | 8.26      | 8.17       |
|            | 65      | 0         | 8.71                       | 8.39      | 8.69       |

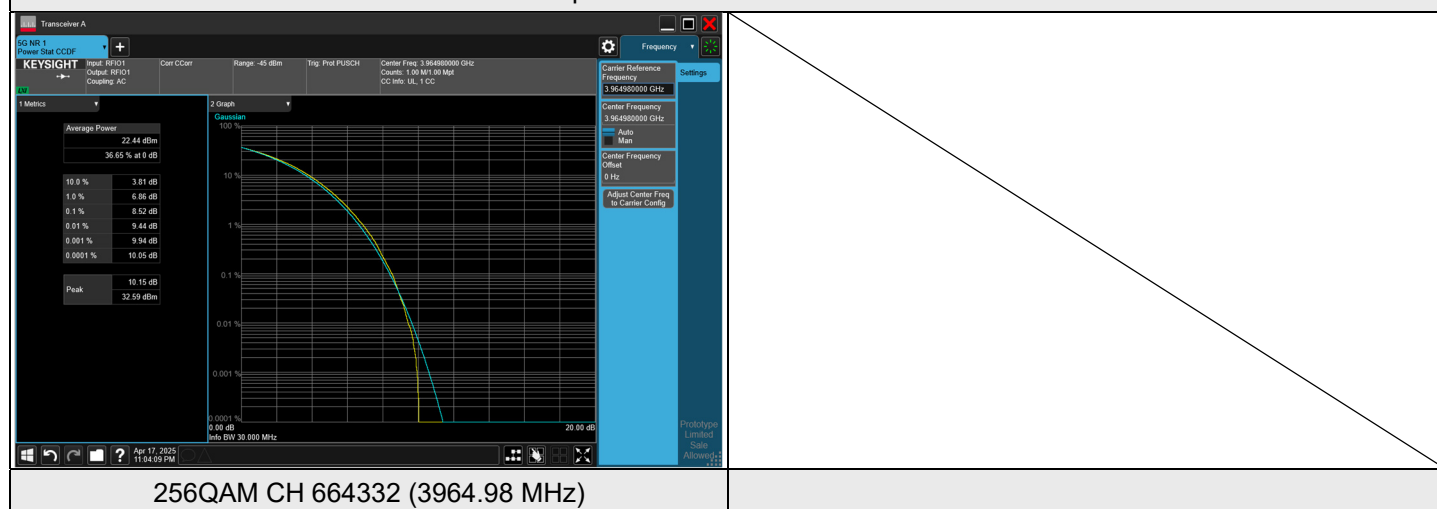
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 30 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 647668                  | CH 656000 | CH 664332   |
|            |         |           | 3715.02 MHz                | 3840 MHz  | 3964.98 MHz |
| QPSK       | 1       | 77        | 7.65                       | 7.64      | 7.86        |
|            | 1       | 0         | 7.91                       | 7.38      | 7.73        |
|            | 78      | 0         | 7.38                       | 6.96      | 6.49        |
| 16QAM      | 1       | 77        | 7.60                       | 7.74      | 8.03        |
|            | 1       | 0         | 7.65                       | 7.75      | 8.20        |
|            | 78      | 0         | 7.22                       | 6.94      | 6.60        |
| 64QAM      | 1       | 77        | 8.05                       | 8.18      | 7.84        |
|            | 1       | 0         | 8.20                       | 7.63      | 8.20        |
|            | 78      | 0         | 7.41                       | 7.75      | 6.98        |
| 256QAM     | 1       | 77        | 7.81                       | 7.67      | 8.05        |
|            | 1       | 0         | 7.87                       | 7.78      | 8.16        |
|            | 78      | 0         | 8.35                       | 7.86      | 8.52        |

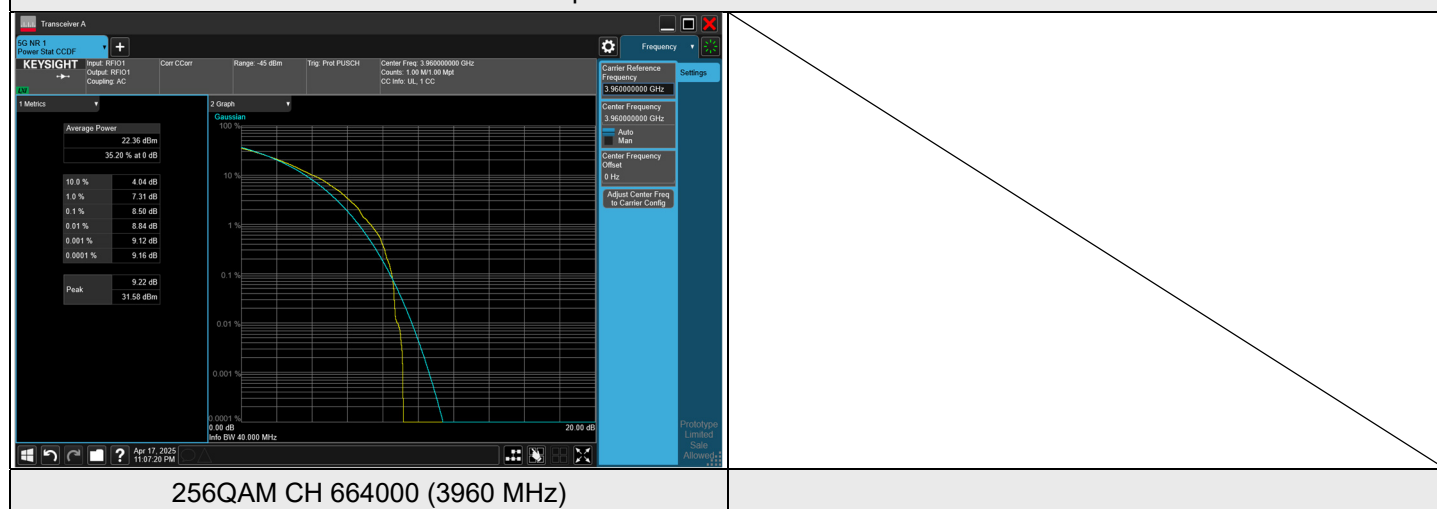
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 40 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 648000                  | CH 656000 | CH 664000 |
|            |         |           | 3720 MHz                   | 3840 MHz  | 3960 MHz  |
| QPSK       | 1       | 105       | 7.65                       | 7.30      | 7.95      |
|            | 1       | 0         | 7.47                       | 7.73      | 7.56      |
|            | 106     | 0         | 7.52                       | 7.51      | 7.09      |
| 16QAM      | 1       | 105       | 7.62                       | 7.95      | 7.92      |
|            | 1       | 0         | 8.08                       | 7.57      | 7.71      |
|            | 106     | 0         | 7.52                       | 7.50      | 6.82      |
| 64QAM      | 1       | 105       | 8.12                       | 7.86      | 8.11      |
|            | 1       | 0         | 8.02                       | 7.87      | 8.04      |
|            | 106     | 0         | 7.99                       | 7.81      | 7.46      |
| 256QAM     | 1       | 105       | 7.99                       | 8.01      | 8.50      |
|            | 1       | 0         | 8.29                       | 7.67      | 7.88      |
|            | 106     | 0         | 8.33                       | 8.14      | 8.50      |

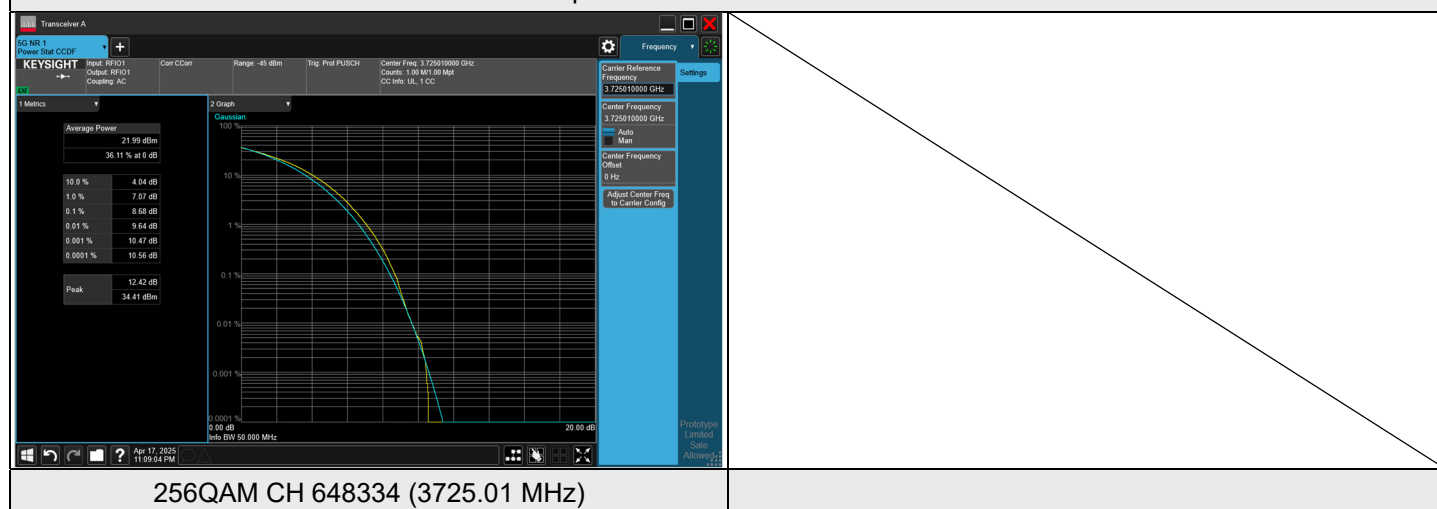
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 50 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 648334                  | CH 656000 | CH 663666   |
|            |         |           | 3725.01 MHz                | 3840 MHz  | 3954.99 MHz |
| QPSK       | 1       | 132       | 7.66                       | 7.46      | 7.94        |
|            | 1       | 0         | 7.75                       | 7.56      | 8.12        |
|            | 133     | 0         | 7.53                       | 7.73      | 7.21        |
| 16QAM      | 1       | 132       | 7.76                       | 7.69      | 7.80        |
|            | 1       | 0         | 8.09                       | 7.95      | 7.66        |
|            | 133     | 0         | 7.46                       | 7.42      | 7.17        |
| 64QAM      | 1       | 132       | 8.02                       | 7.86      | 8.43        |
|            | 1       | 0         | 8.35                       | 8.25      | 8.53        |
|            | 133     | 0         | 7.67                       | 8.10      | 7.58        |
| 256QAM     | 1       | 132       | 8.27                       | 8.14      | 8.57        |
|            | 1       | 0         | 7.84                       | 7.54      | 8.10        |
|            | 133     | 0         | 8.68                       | 8.52      | 8.64        |

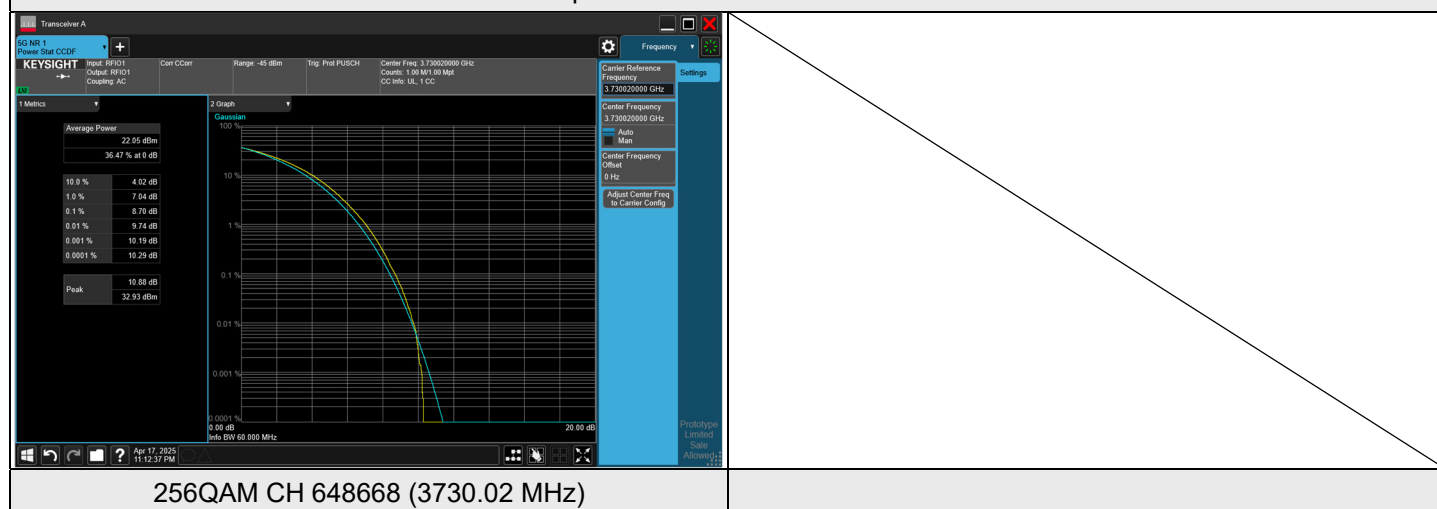
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 60 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 648668                  | CH 656000 | CH 663332   |
|            |         |           | 3730.02 MHz                | 3840 MHz  | 3949.98 MHz |
| QPSK       | 1       | 161       | 7.75                       | 7.57      | 7.82        |
|            | 1       | 0         | 7.65                       | 7.50      | 7.65        |
|            | 162     | 0         | 7.34                       | 7.38      | 6.77        |
| 16QAM      | 1       | 161       | 8.09                       | 7.79      | 8.06        |
|            | 1       | 0         | 8.18                       | 7.76      | 8.08        |
|            | 162     | 0         | 7.31                       | 7.64      | 7.01        |
| 64QAM      | 1       | 161       | 7.79                       | 7.80      | 7.86        |
|            | 1       | 0         | 8.30                       | 8.01      | 7.78        |
|            | 162     | 0         | 7.63                       | 7.62      | 7.43        |
| 256QAM     | 1       | 161       | 7.84                       | 7.88      | 8.31        |
|            | 1       | 0         | 8.46                       | 7.83      | 7.68        |
|            | 162     | 0         | 8.70                       | 8.19      | 8.21        |

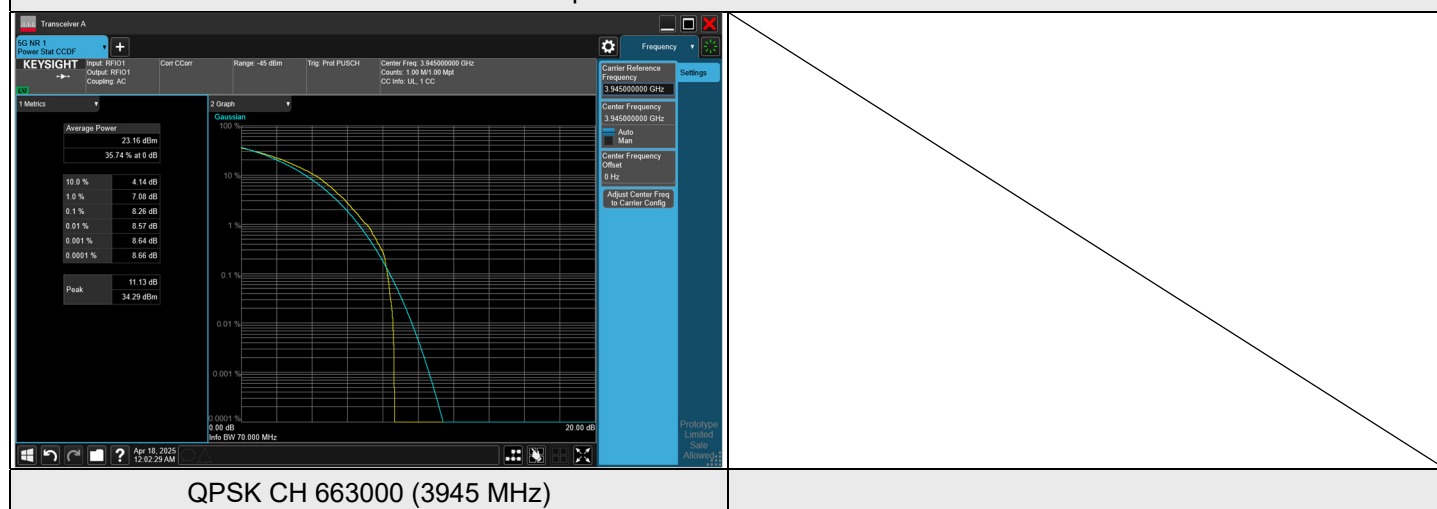
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 70 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 649000                  | CH 656000 | CH 663000 |
|            |         |           | 3735 MHz                   | 3840 MHz  | 3945 MHz  |
| QPSK       | 1       | 188       | 7.55                       | 7.68      | 8.26      |
|            | 1       | 0         | 7.74                       | 7.99      | 7.63      |
|            | 189     | 0         | 7.40                       | 7.45      | 7.46      |
| 16QAM      | 1       | 188       | 7.49                       | 7.51      | 8.11      |
|            | 1       | 0         | 8.16                       | 7.83      | 7.77      |
|            | 189     | 0         | 7.13                       | 7.46      | 6.89      |
| 64QAM      | 1       | 188       | 7.65                       | 7.66      | 8.00      |
|            | 1       | 0         | 7.91                       | 7.79      | 7.91      |
|            | 189     | 0         | 7.66                       | 7.69      | 7.22      |
| 256QAM     | 1       | 188       | 8.25                       | 7.59      | 8.04      |
|            | 1       | 0         | 7.99                       | 7.88      | 8.04      |
|            | 189     | 0         | 8.19                       | 8.20      | 8.15      |

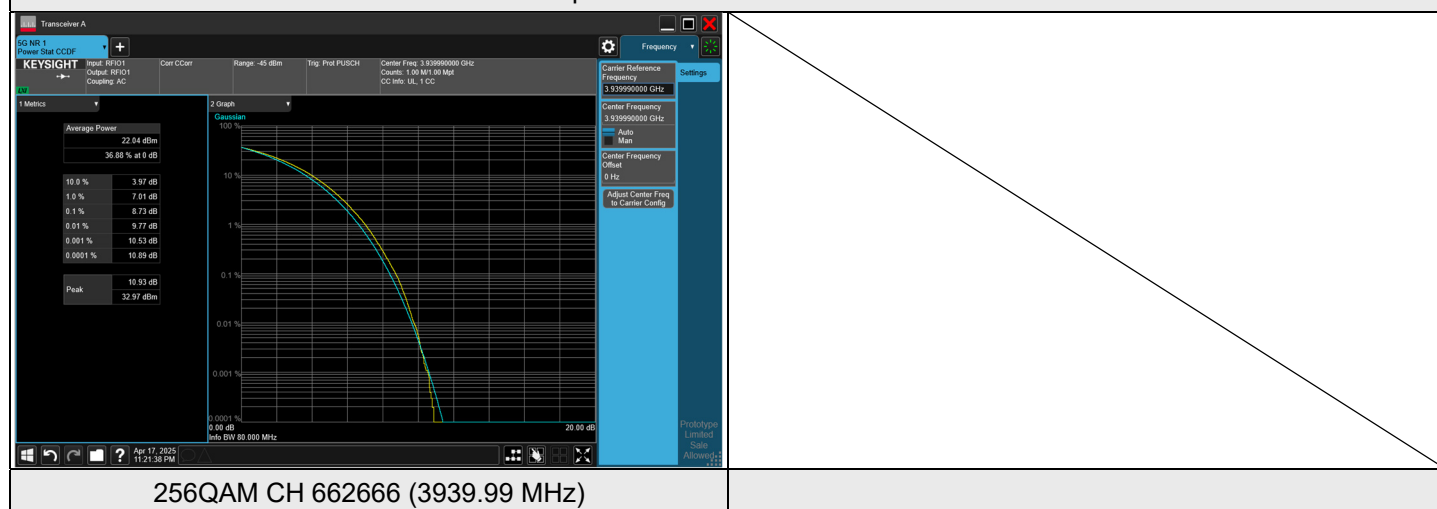
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 80 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 649334                  | CH 656000 | CH 662666   |
|            |         |           | 3740.01 MHz                | 3840 MHz  | 3939.99 MHz |
| QPSK       | 1       | 216       | 7.33                       | 7.82      | 8.16        |
|            | 1       | 0         | 7.76                       | 7.56      | 7.94        |
|            | 217     | 0         | 7.22                       | 8.15      | 7.35        |
| 16QAM      | 1       | 216       | 7.49                       | 7.51      | 8.14        |
|            | 1       | 0         | 8.24                       | 7.50      | 8.01        |
|            | 217     | 0         | 7.27                       | 7.88      | 7.09        |
| 64QAM      | 1       | 216       | 7.68                       | 7.62      | 8.41        |
|            | 1       | 0         | 8.45                       | 7.98      | 7.72        |
|            | 217     | 0         | 7.76                       | 8.03      | 7.60        |
| 256QAM     | 1       | 216       | 7.62                       | 7.62      | 8.03        |
|            | 1       | 0         | 8.52                       | 7.75      | 8.27        |
|            | 217     | 0         | 8.45                       | 8.03      | 8.73        |

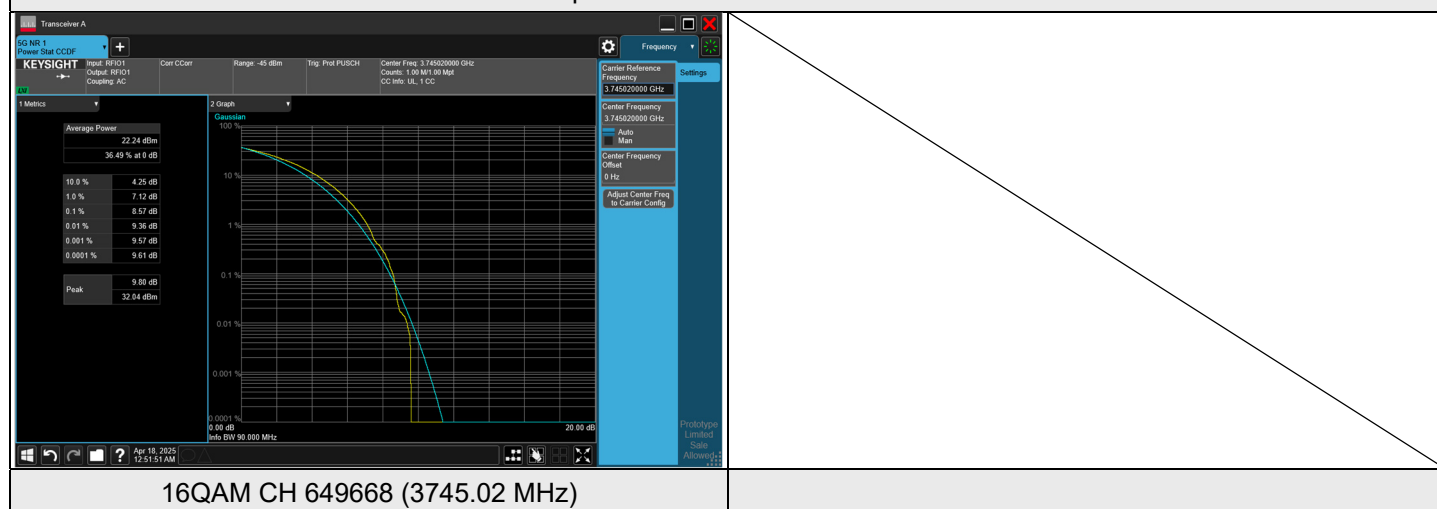
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 90 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 649668                  | CH 656000 | CH 662332   |
|            |         |           | 3745.02 MHz                | 3840 MHz  | 3934.98 MHz |
| QPSK       | 1       | 244       | 7.57                       | 7.58      | 7.69        |
|            | 1       | 0         | 7.45                       | 7.53      | 7.53        |
|            | 245     | 0         | 7.38                       | 7.95      | 7.22        |
| 16QAM      | 1       | 244       | 7.52                       | 7.73      | 7.86        |
|            | 1       | 0         | 8.57                       | 7.41      | 7.43        |
|            | 245     | 0         | 7.64                       | 7.94      | 7.22        |
| 64QAM      | 1       | 244       | 8.15                       | 8.16      | 8.07        |
|            | 1       | 0         | 8.13                       | 7.91      | 7.88        |
|            | 245     | 0         | 7.59                       | 7.61      | 7.48        |
| 256QAM     | 1       | 244       | 7.64                       | 7.60      | 8.34        |
|            | 1       | 0         | 8.20                       | 7.57      | 7.76        |
|            | 245     | 0         | 8.21                       | 8.26      | 8.18        |

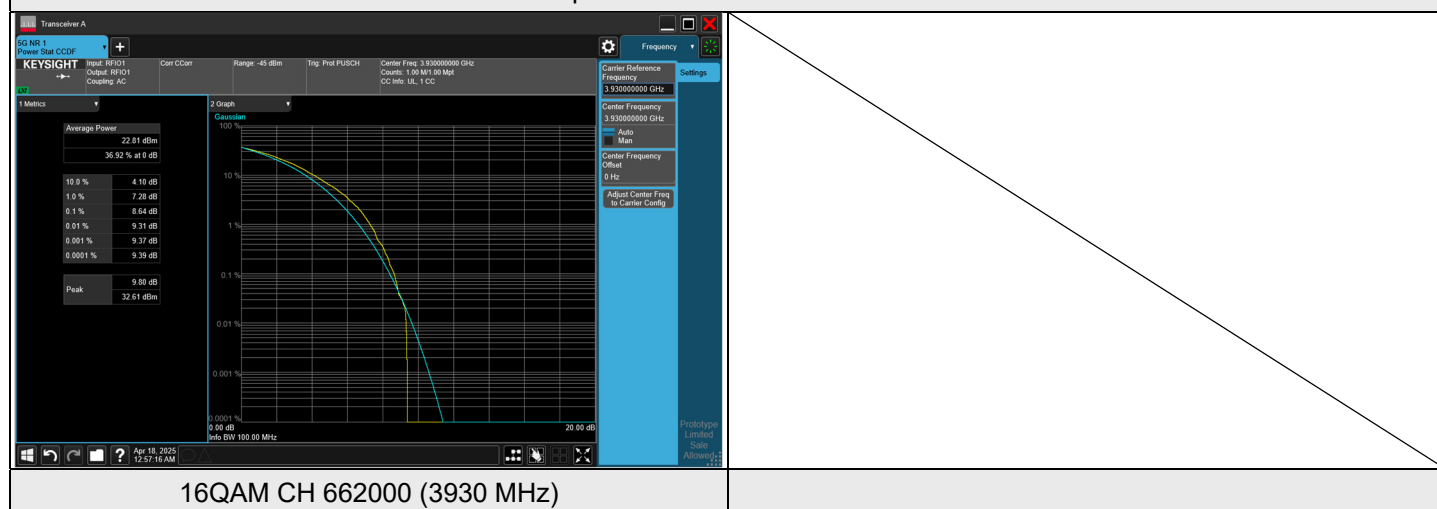
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 1, Channel Bandwidth: 100 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 650000                  | CH 656000 | CH 662000 |
|            |         |           | 3750 MHz                   | 3840 MHz  | 3930 MHz  |
| QPSK       | 1       | 272       | 7.55                       | 7.38      | 8.06      |
|            | 1       | 0         | 7.92                       | 7.45      | 7.54      |
|            | 273     | 0         | 7.42                       | 7.46      | 7.62      |
| 16QAM      | 1       | 272       | 7.45                       | 7.71      | 8.64      |
|            | 1       | 0         | 7.73                       | 7.70      | 7.75      |
|            | 273     | 0         | 7.45                       | 7.48      | 7.57      |
| 64QAM      | 1       | 272       | 8.18                       | 7.91      | 8.40      |
|            | 1       | 0         | 8.38                       | 8.13      | 7.95      |
|            | 273     | 0         | 7.92                       | 7.92      | 7.60      |
| 256QAM     | 1       | 272       | 7.61                       | 7.57      | 8.01      |
|            | 1       | 0         | 8.17                       | 7.83      | 7.84      |
|            | 273     | 0         | 8.52                       | 8.33      | 8.43      |

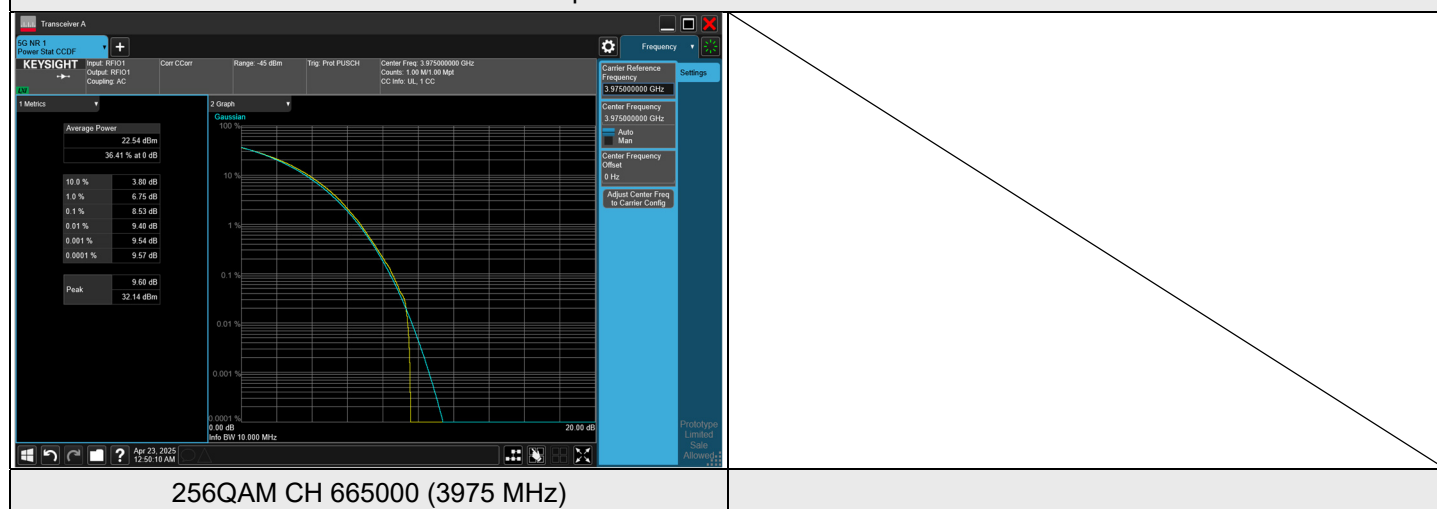
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 10 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 647000                  | CH 656000 | CH 665000 |
|            |         |           | 3705 MHz                   | 3840 MHz  | 3975 MHz  |
| QPSK       | 1       | 23        | 8.04                       | 7.75      | 8.14      |
|            | 1       | 0         | 8.04                       | 7.64      | 7.92      |
|            | 24      | 0         | 7.19                       | 6.86      | 6.45      |
| 16QAM      | 1       | 23        | 7.54                       | 7.43      | 7.84      |
|            | 1       | 0         | 7.95                       | 7.51      | 7.67      |
|            | 24      | 0         | 7.16                       | 6.83      | 6.35      |
| 64QAM      | 1       | 23        | 7.58                       | 7.33      | 7.72      |
|            | 1       | 0         | 7.64                       | 7.46      | 7.69      |
|            | 24      | 0         | 7.59                       | 7.36      | 6.89      |
| 256QAM     | 1       | 23        | 8.20                       | 7.96      | 8.15      |
|            | 1       | 0         | 8.13                       | 7.70      | 8.10      |
|            | 24      | 0         | 8.26                       | 8.10      | 8.53      |

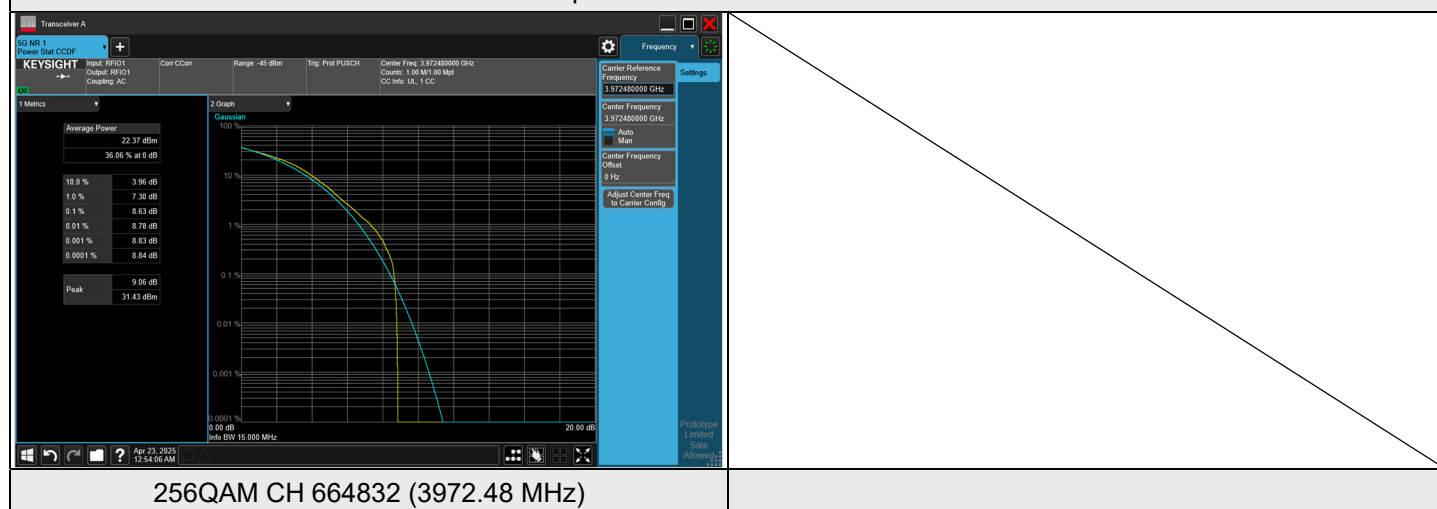
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 15 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 647168                  | CH 656000 | CH 664832   |
|            |         |           | 3707.52 MHz                | 3840 MHz  | 3972.48 MHz |
| QPSK       | 1       | 37        | 7.91                       | 7.46      | 7.75        |
|            | 1       | 0         | 7.28                       | 7.07      | 7.26        |
|            | 38      | 0         | 7.29                       | 7.08      | 6.52        |
| 16QAM      | 1       | 37        | 7.86                       | 7.62      | 7.98        |
|            | 1       | 0         | 7.82                       | 7.44      | 7.79        |
|            | 38      | 0         | 7.05                       | 6.99      | 6.61        |
| 64QAM      | 1       | 37        | 7.55                       | 7.40      | 7.75        |
|            | 1       | 0         | 7.68                       | 7.44      | 7.78        |
|            | 38      | 0         | 7.58                       | 7.46      | 6.96        |
| 256QAM     | 1       | 37        | 7.72                       | 7.31      | 8.53        |
|            | 1       | 0         | 7.88                       | 7.47      | 8.63        |
|            | 38      | 0         | 8.40                       | 8.34      | 8.56        |

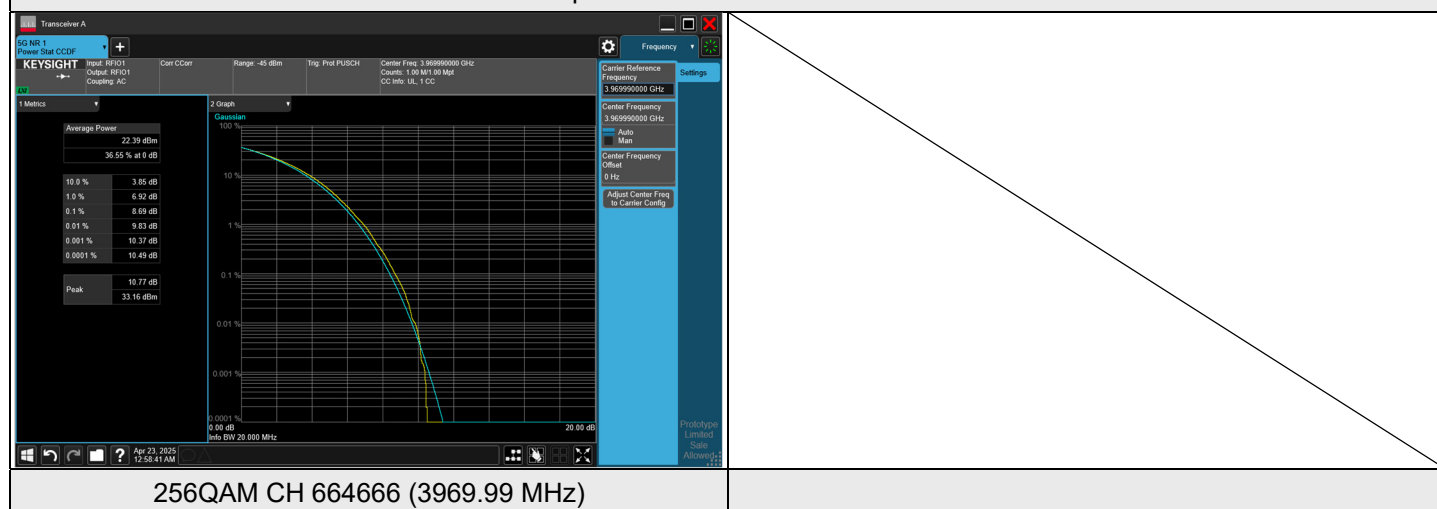
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 20 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 647334                  | CH 656000 | CH 664666   |
|            |         |           | 3710.01 MHz                | 3840 MHz  | 3969.99 MHz |
| QPSK       | 1       | 50        | 7.41                       | 7.13      | 7.38        |
|            | 1       | 0         | 7.38                       | 7.09      | 7.44        |
|            | 51      | 0         | 7.11                       | 7.50      | 6.97        |
| 16QAM      | 1       | 50        | 7.02                       | 6.82      | 6.99        |
|            | 1       | 0         | 7.29                       | 6.73      | 7.12        |
|            | 51      | 0         | 7.20                       | 7.51      | 7.05        |
| 64QAM      | 1       | 50        | 7.53                       | 7.46      | 7.64        |
|            | 1       | 0         | 7.58                       | 7.42      | 7.69        |
|            | 51      | 0         | 7.63                       | 7.40      | 7.37        |
| 256QAM     | 1       | 50        | 8.14                       | 7.78      | 8.38        |
|            | 1       | 0         | 8.40                       | 8.01      | 8.47        |
|            | 51      | 0         | 8.48                       | 8.19      | 8.69        |

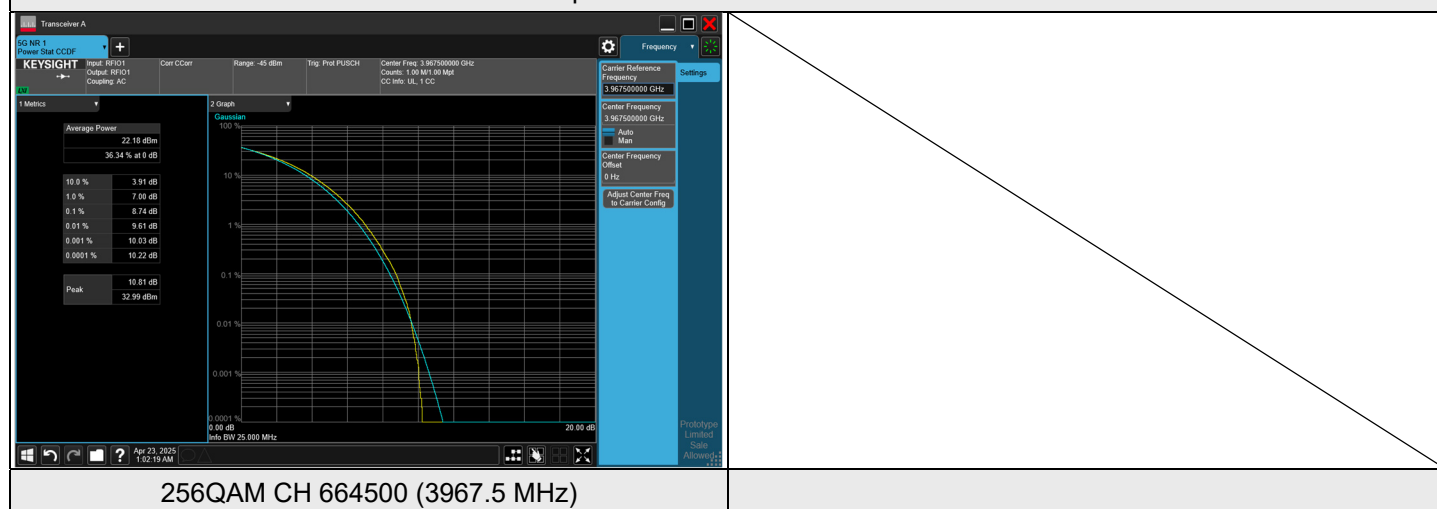
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 25 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |            |
|------------|---------|-----------|----------------------------|-----------|------------|
|            |         |           | CH 647500                  | CH 656000 | CH 664500  |
|            |         |           | 3712.5 MHz                 | 3840 MHz  | 3967.5 MHz |
| QPSK       | 1       | 64        | 7.72                       | 7.78      | 8.38       |
|            | 1       | 0         | 7.81                       | 7.83      | 7.95       |
|            | 65      | 0         | 7.06                       | 7.14      | 6.66       |
| 16QAM      | 1       | 64        | 6.98                       | 6.81      | 7.67       |
|            | 1       | 0         | 7.06                       | 6.97      | 7.70       |
|            | 65      | 0         | 7.15                       | 7.13      | 6.31       |
| 64QAM      | 1       | 64        | 7.78                       | 7.14      | 7.39       |
|            | 1       | 0         | 7.45                       | 7.24      | 7.46       |
|            | 65      | 0         | 7.27                       | 7.24      | 7.18       |
| 256QAM     | 1       | 64        | 8.08                       | 7.98      | 8.32       |
|            | 1       | 0         | 8.37                       | 7.92      | 8.22       |
|            | 65      | 0         | 8.38                       | 7.94      | 8.74       |

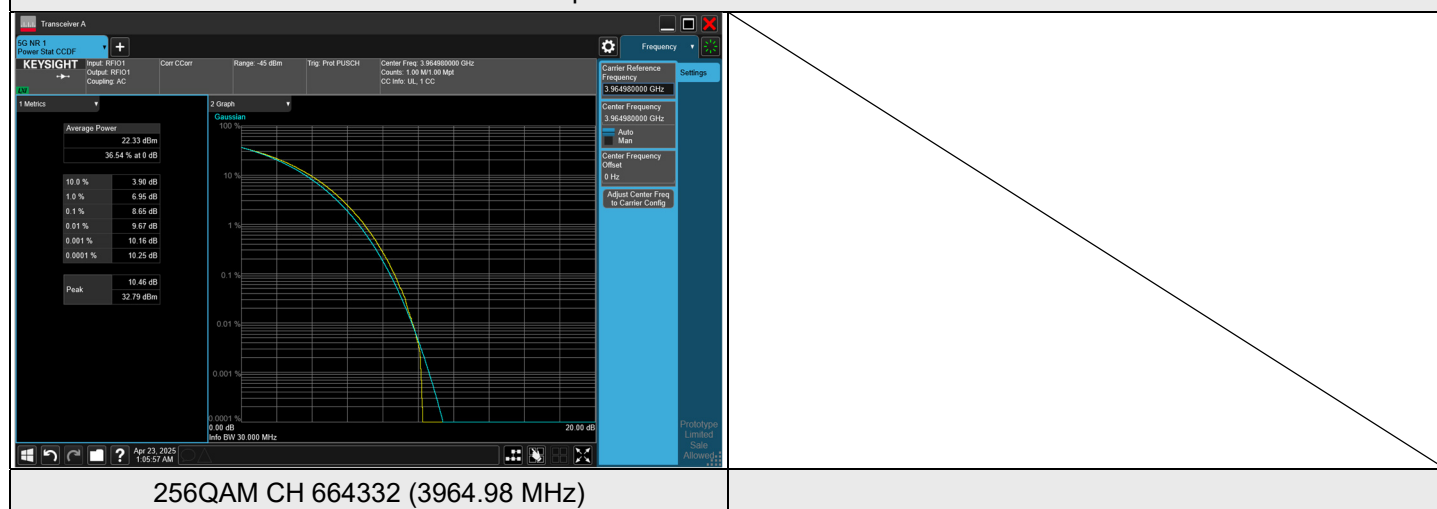
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 30 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 647668                  | CH 656000 | CH 664332   |
|            |         |           | 3715.02 MHz                | 3840 MHz  | 3964.98 MHz |
| QPSK       | 1       | 77        | 8.06                       | 7.76      | 7.94        |
|            | 1       | 0         | 7.64                       | 7.59      | 7.55        |
|            | 78      | 0         | 6.92                       | 7.30      | 6.58        |
| 16QAM      | 1       | 77        | 7.55                       | 7.33      | 7.83        |
|            | 1       | 0         | 8.19                       | 7.57      | 7.74        |
|            | 78      | 0         | 7.03                       | 7.02      | 6.69        |
| 64QAM      | 1       | 77        | 7.32                       | 7.21      | 7.86        |
|            | 1       | 0         | 7.64                       | 7.37      | 7.72        |
|            | 78      | 0         | 7.20                       | 7.61      | 7.08        |
| 256QAM     | 1       | 77        | 7.96                       | 7.45      | 8.36        |
|            | 1       | 0         | 8.29                       | 7.78      | 7.77        |
|            | 78      | 0         | 8.27                       | 8.36      | 8.65        |

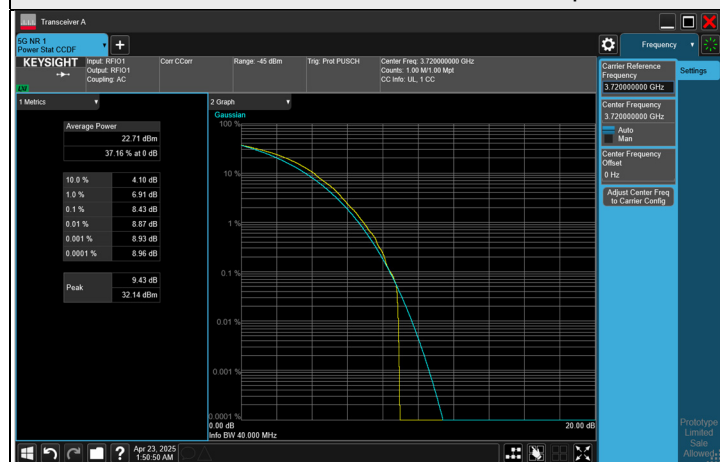
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 40 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 648000                  | CH 656000 | CH 664000 |
|            |         |           | 3720 MHz                   | 3840 MHz  | 3960 MHz  |
| QPSK       | 1       | 105       | 7.46                       | 6.80      | 7.31      |
|            | 1       | 0         | 8.43                       | 7.29      | 7.15      |
|            | 106     | 0         | 7.23                       | 7.49      | 7.08      |
| 16QAM      | 1       | 105       | 7.76                       | 7.52      | 7.76      |
|            | 1       | 0         | 7.96                       | 7.53      | 7.59      |
|            | 106     | 0         | 7.26                       | 7.55      | 7.21      |
| 64QAM      | 1       | 105       | 7.43                       | 7.54      | 7.69      |
|            | 1       | 0         | 7.72                       | 7.26      | 7.63      |
|            | 106     | 0         | 7.54                       | 7.60      | 7.14      |
| 256QAM     | 1       | 105       | 7.89                       | 7.49      | 8.14      |
|            | 1       | 0         | 8.01                       | 7.68      | 7.82      |
|            | 106     | 0         | 8.32                       | 8.02      | 8.37      |

Spectrum Plot of Worst Value

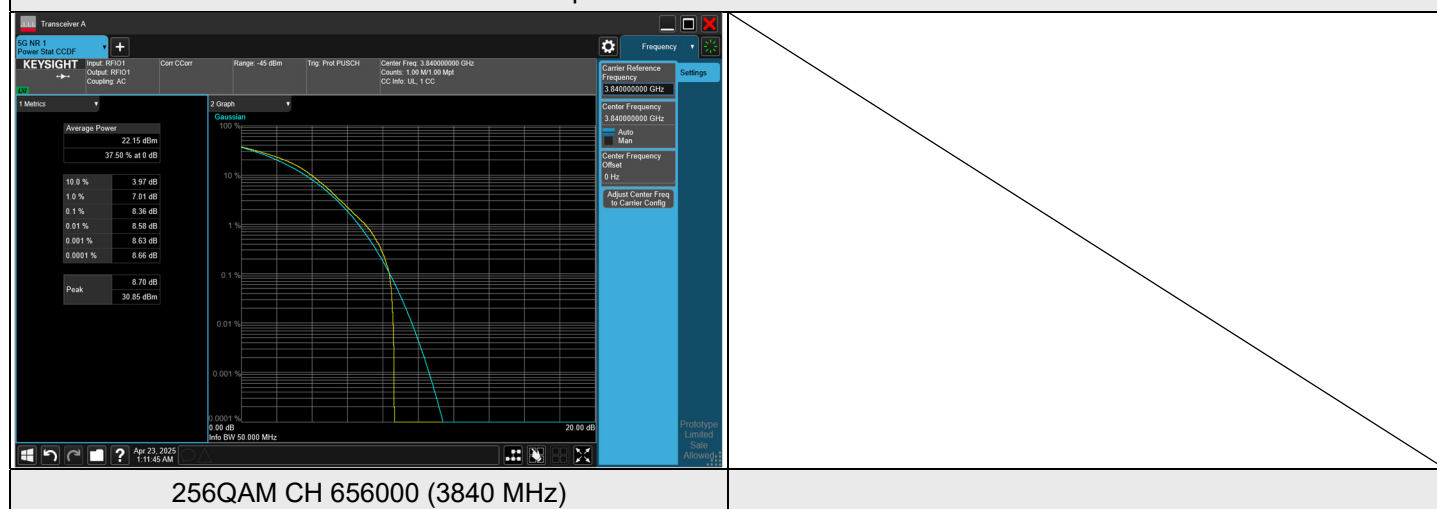


QPSK CH 648000 (3720 MHz)

# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 50 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 648334                  | CH 656000 | CH 663666   |
|            |         |           | 3725.01 MHz                | 3840 MHz  | 3954.99 MHz |
| QPSK       | 1       | 132       | 7.11                       | 6.70      | 7.44        |
|            | 1       | 0         | 7.50                       | 7.04      | 7.41        |
|            | 133     | 0         | 7.62                       | 7.80      | 7.70        |
| 16QAM      | 1       | 132       | 6.80                       | 7.04      | 7.17        |
|            | 1       | 0         | 7.27                       | 6.62      | 7.14        |
|            | 133     | 0         | 7.35                       | 7.80      | 7.51        |
| 64QAM      | 1       | 132       | 7.41                       | 7.38      | 7.49        |
|            | 1       | 0         | 7.75                       | 7.26      | 7.54        |
|            | 133     | 0         | 7.71                       | 7.66      | 7.52        |
| 256QAM     | 1       | 132       | 7.66                       | 7.52      | 8.18        |
|            | 1       | 0         | 7.72                       | 8.36      | 8.06        |
|            | 133     | 0         | 8.16                       | 7.96      | 8.25        |

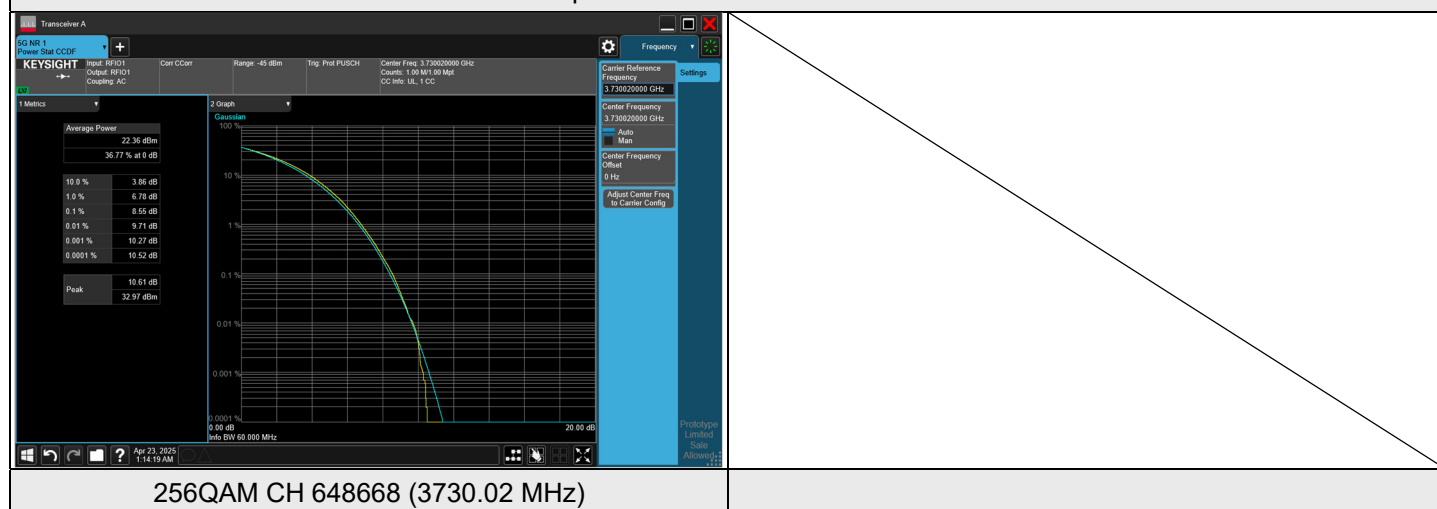
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 60 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 648668                  | CH 656000 | CH 663332   |
|            |         |           | 3730.02 MHz                | 3840 MHz  | 3949.98 MHz |
| QPSK       | 1       | 161       | 6.79                       | 6.76      | 7.88        |
|            | 1       | 0         | 7.34                       | 7.35      | 7.91        |
|            | 162     | 0         | 7.02                       | 7.35      | 6.75        |
| 16QAM      | 1       | 161       | 6.99                       | 7.28      | 7.36        |
|            | 1       | 0         | 7.15                       | 6.89      | 6.70        |
|            | 162     | 0         | 7.04                       | 7.34      | 7.31        |
| 64QAM      | 1       | 161       | 7.29                       | 7.52      | 7.83        |
|            | 1       | 0         | 7.42                       | 7.75      | 7.50        |
|            | 162     | 0         | 7.55                       | 7.31      | 7.08        |
| 256QAM     | 1       | 161       | 8.09                       | 8.35      | 8.25        |
|            | 1       | 0         | 8.42                       | 8.01      | 8.13        |
|            | 162     | 0         | 8.55                       | 8.28      | 8.31        |

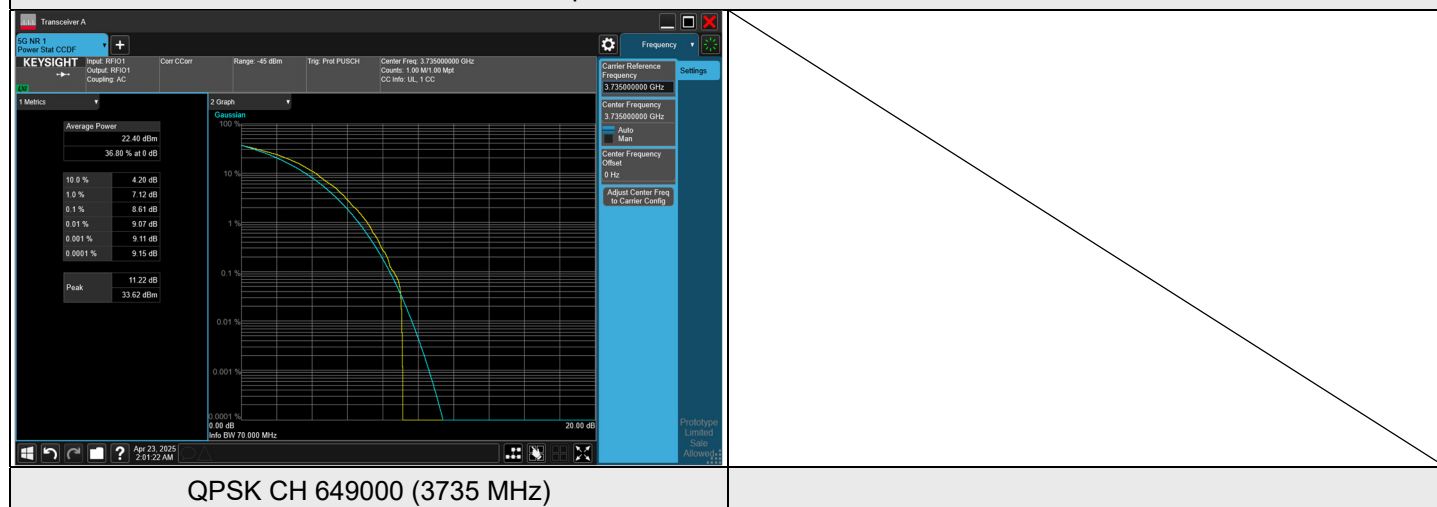
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 70 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |           |
|------------|---------|-----------|----------------------------|-----------|-----------|
|            |         |           | CH 649000                  | CH 656000 | CH 663000 |
|            |         |           | 3735 MHz                   | 3840 MHz  | 3945 MHz  |
| QPSK       | 1       | 188       | 8.06                       | 7.61      | 8.13      |
|            | 1       | 0         | 8.61                       | 7.29      | 7.79      |
|            | 189     | 0         | 7.12                       | 7.45      | 7.43      |
| 16QAM      | 1       | 188       | 6.92                       | 7.54      | 7.98      |
|            | 1       | 0         | 7.61                       | 7.39      | 7.69      |
|            | 189     | 0         | 7.41                       | 7.21      | 6.91      |
| 64QAM      | 1       | 188       | 7.52                       | 7.51      | 7.79      |
|            | 1       | 0         | 7.41                       | 7.45      | 7.53      |
|            | 189     | 0         | 7.96                       | 7.74      | 8.08      |
| 256QAM     | 1       | 188       | 7.82                       | 7.79      | 8.26      |
|            | 1       | 0         | 8.44                       | 8.32      | 8.45      |
|            | 189     | 0         | 8.50                       | 8.51      | 8.43      |

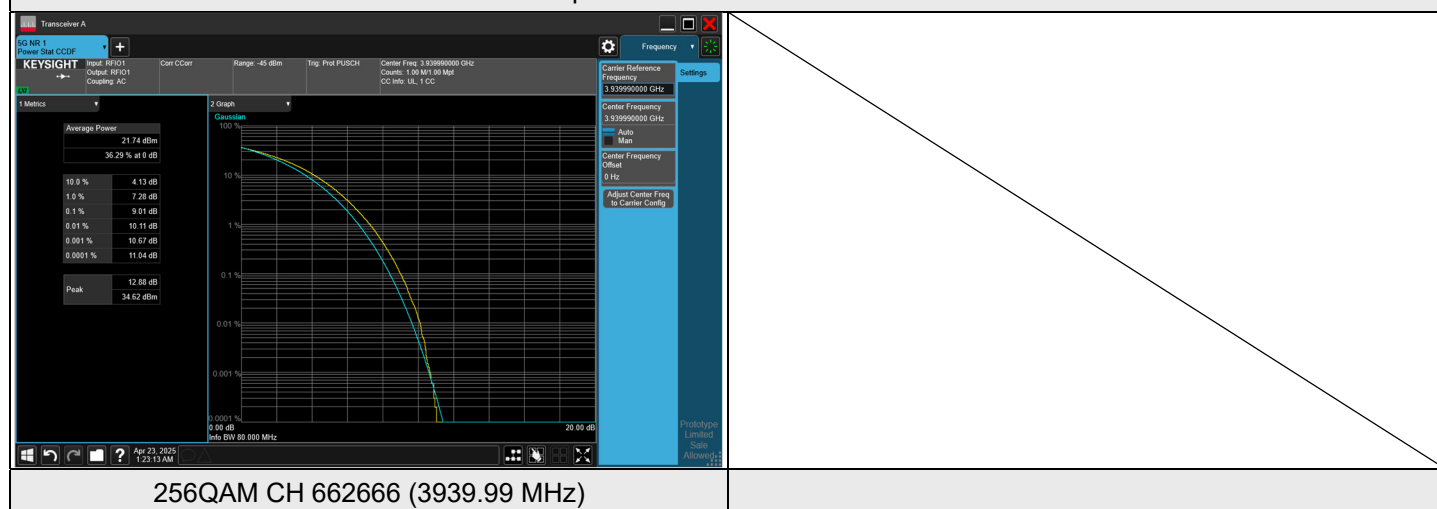
Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 80 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 649334                  | CH 656000 | CH 662666   |
|            |         |           | 3740.01 MHz                | 3840 MHz  | 3939.99 MHz |
| QPSK       | 1       | 216       | 8.30                       | 7.90      | 8.10        |
|            | 1       | 0         | 8.13                       | 7.48      | 7.61        |
|            | 217     | 0         | 7.23                       | 8.14      | 7.05        |
| 16QAM      | 1       | 216       | 7.83                       | 7.51      | 7.68        |
|            | 1       | 0         | 7.69                       | 7.38      | 7.93        |
|            | 217     | 0         | 7.48                       | 7.26      | 7.30        |
| 64QAM      | 1       | 216       | 7.26                       | 7.24      | 7.87        |
|            | 1       | 0         | 7.53                       | 7.59      | 7.31        |
|            | 217     | 0         | 7.77                       | 7.52      | 7.91        |
| 256QAM     | 1       | 216       | 7.55                       | 7.56      | 7.77        |
|            | 1       | 0         | 8.32                       | 7.57      | 7.82        |
|            | 217     | 0         | 8.24                       | 8.27      | 9.01        |

Spectrum Plot of Worst Value



# NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO-Ant 2, Channel Bandwidth: 90 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) |           |             |
|------------|---------|-----------|----------------------------|-----------|-------------|
|            |         |           | CH 649668                  | CH 656000 | CH 662332   |
|            |         |           | 3745.02 MHz                | 3840 MHz  | 3934.98 MHz |
| QPSK       | 1       | 244       | 6.91                       | 6.72      | 7.26        |
|            | 1       | 0         | 7.57                       | 7.01      | 6.94        |
|            | 245     | 0         | 7.60                       | 7.90      | 7.73        |
| 16QAM      | 1       | 244       | 7.51                       | 7.21      | 7.62        |
|            | 1       | 0         | 7.91                       | 7.65      | 6.90        |
|            | 245     | 0         | 7.33                       | 7.62      | 7.75        |
| 64QAM      | 1       | 244       | 7.78                       | 7.72      | 7.87        |
|            | 1       | 0         | 7.76                       | 7.46      | 7.60        |
|            | 245     | 0         | 7.56                       | 7.57      | 7.98        |
| 256QAM     | 1       | 244       | 7.59                       | 7.77      | 8.40        |
|            | 1       | 0         | 8.35                       | 7.31      | 7.47        |
|            | 245     | 0         | 8.46                       | 8.30      | 8.19        |

Spectrum Plot of Worst Value

