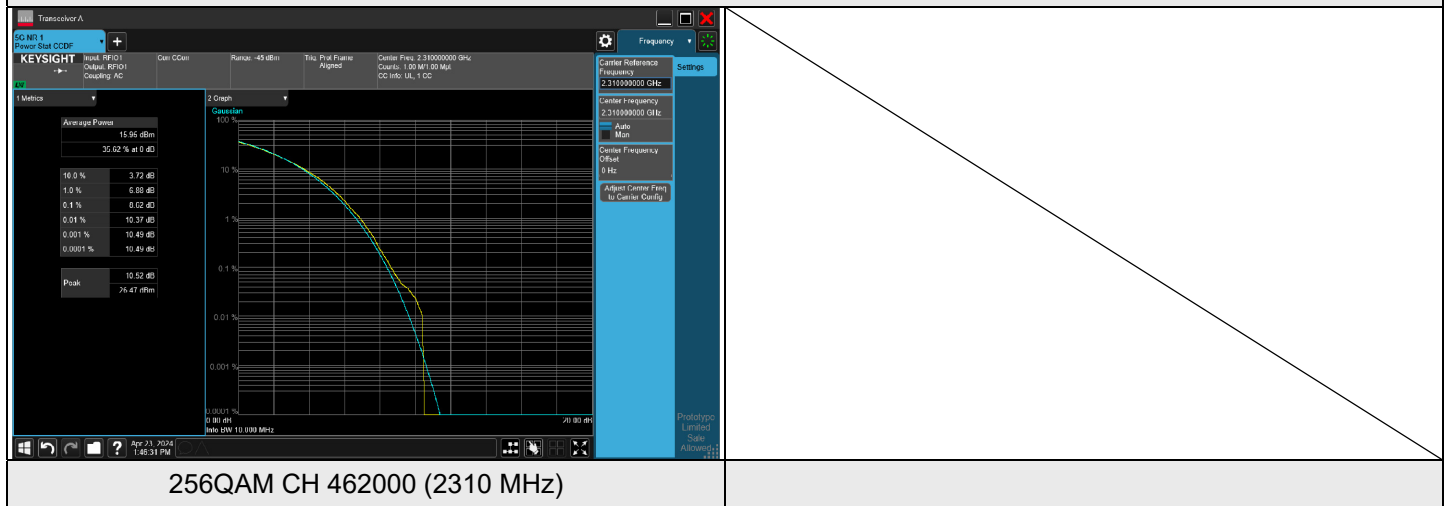




NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | |
|------------|---------|-----------|----------------------------|--|
| | | | CH 462000 | |
| | | | 2310 MHz | |
| BPSK | 1 | 51 | 4.20 | |
| | 1 | 0 | 4.85 | |
| | 50 | 0 | 3.80 | |
| QPSK | 1 | 51 | 6.42 | |
| | 1 | 0 | 7.31 | |
| | 52 | 0 | 6.62 | |
| 16QAM | 1 | 51 | 6.54 | |
| | 1 | 0 | 7.29 | |
| | 52 | 0 | 6.62 | |
| 64QAM | 1 | 51 | 7.03 | |
| | 1 | 0 | 8.04 | |
| | 52 | 0 | 7.05 | |
| 256QAM | 1 | 51 | 7.76 | |
| | 1 | 0 | 8.62 | |
| | 52 | 0 | 8.34 | |

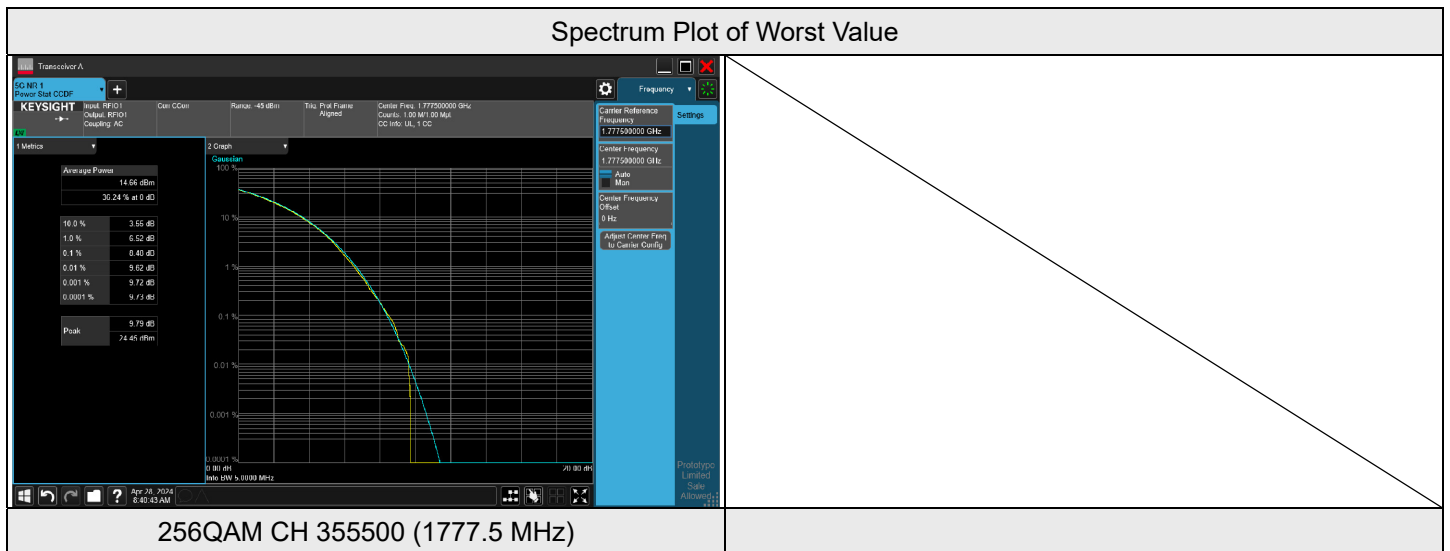
Spectrum Plot of Worst Value



7.3.6 NR n66 SCS 15 kHz

NR n66 SCS 15 kHz, Channel Bandwidth: 5 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-----------|------------|
| | | | CH 342500 | CH 349000 | CH 355500 |
| | | | 1712.5 MHz | 1745 MHz | 1777.5 MHz |
| BPSK | 1 | 24 | 3.80 | 3.74 | 4.01 |
| | 1 | 0 | 3.84 | 3.84 | 3.95 |
| | 25 | 0 | 3.89 | 3.86 | 3.74 |
| QPSK | 1 | 24 | 6.43 | 6.34 | 6.66 |
| | 1 | 0 | 6.42 | 6.42 | 6.59 |
| | 25 | 0 | 6.55 | 6.53 | 6.56 |
| 16QAM | 1 | 24 | 6.51 | 6.44 | 6.81 |
| | 1 | 0 | 6.72 | 6.54 | 6.64 |
| | 25 | 0 | 6.55 | 6.56 | 6.55 |
| 64QAM | 1 | 24 | 6.94 | 6.89 | 7.27 |
| | 1 | 0 | 7.03 | 7.00 | 7.21 |
| | 25 | 0 | 7.10 | 7.09 | 7.12 |
| 256QAM | 1 | 24 | 7.73 | 7.84 | 8.48 |
| | 1 | 0 | 7.79 | 7.95 | 7.96 |
| | 25 | 0 | 8.34 | 8.33 | 8.32 |

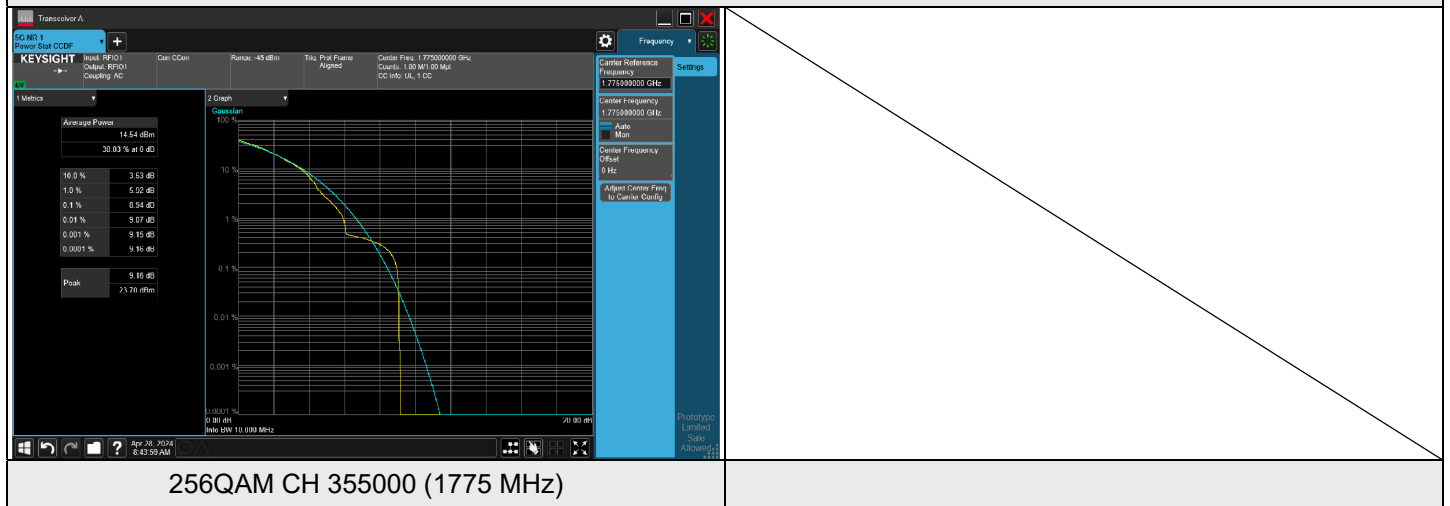




NR n66 SCS 15 kHz, Channel Bandwidth: 10 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-----------|-----------|
| | | | CH 343000 | CH 349000 | CH 355000 |
| | | | 1715 MHz | 1745 MHz | 1775 MHz |
| BPSK | 1 | 51 | 4.08 | 4.02 | 4.20 |
| | 1 | 0 | 4.03 | 4.10 | 3.96 |
| | 50 | 0 | 3.85 | 3.85 | 3.76 |
| QPSK | 1 | 51 | 6.49 | 6.44 | 6.64 |
| | 1 | 0 | 6.39 | 6.48 | 6.29 |
| | 52 | 0 | 6.61 | 6.60 | 6.61 |
| 16QAM | 1 | 51 | 6.48 | 6.48 | 6.73 |
| | 1 | 0 | 6.46 | 6.56 | 6.39 |
| | 52 | 0 | 6.63 | 6.59 | 6.62 |
| 64QAM | 1 | 51 | 7.01 | 7.03 | 7.33 |
| | 1 | 0 | 6.96 | 7.11 | 6.88 |
| | 52 | 0 | 7.04 | 7.03 | 7.05 |
| 256QAM | 1 | 51 | 7.67 | 8.03 | 8.94 |
| | 1 | 0 | 7.91 | 8.13 | 8.27 |
| | 52 | 0 | 8.37 | 8.27 | 8.20 |

Spectrum Plot of Worst Value

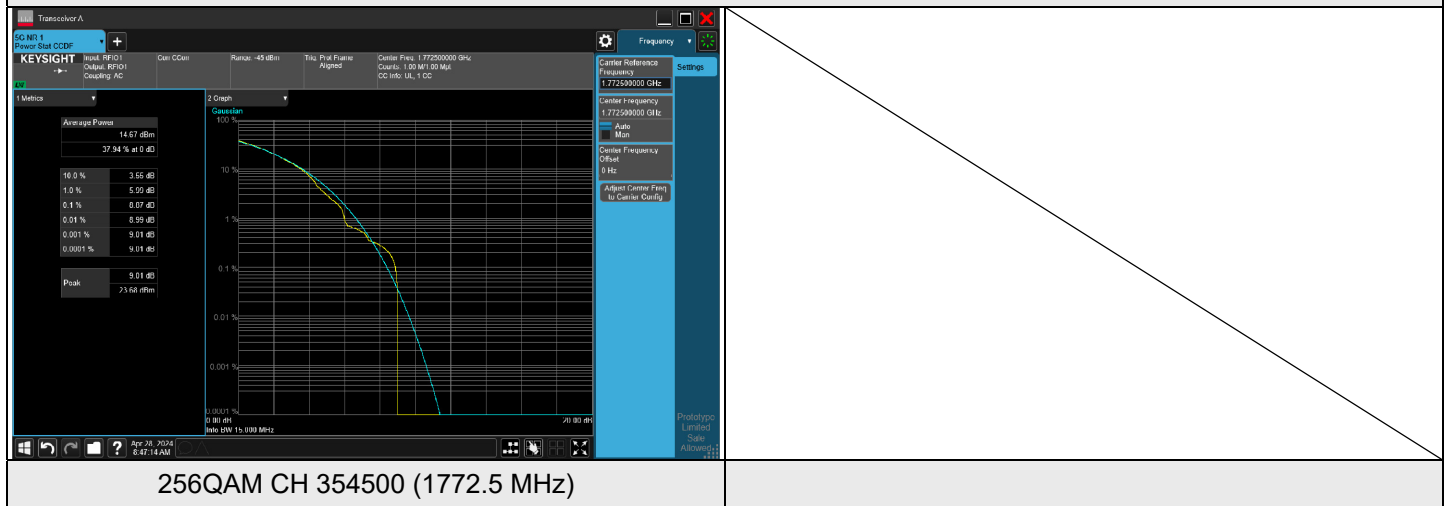




NR n66 SCS 15 kHz, Channel Bandwidth: 15 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-----------|------------|
| | | | CH 343500 | CH 349000 | CH 354500 |
| | | | 1717.5 MHz | 1745 MHz | 1772.5 MHz |
| BPSK | 1 | 78 | 4.12 | 4.02 | 4.13 |
| | 1 | 0 | 3.96 | 4.13 | 4.09 |
| | 75 | 0 | 3.71 | 3.77 | 3.97 |
| QPSK | 1 | 78 | 6.58 | 6.49 | 6.71 |
| | 1 | 0 | 6.45 | 6.66 | 6.53 |
| | 79 | 0 | 6.57 | 6.53 | 6.59 |
| 16QAM | 1 | 78 | 6.60 | 6.57 | 6.75 |
| | 1 | 0 | 6.43 | 6.64 | 6.56 |
| | 79 | 0 | 6.54 | 6.55 | 6.58 |
| 64QAM | 1 | 78 | 7.11 | 7.04 | 7.25 |
| | 1 | 0 | 6.91 | 7.05 | 7.01 |
| | 79 | 0 | 7.10 | 7.08 | 7.11 |
| 256QAM | 1 | 78 | 8.62 | 8.48 | 8.87 |
| | 1 | 0 | 8.38 | 8.64 | 8.50 |
| | 79 | 0 | 8.28 | 8.25 | 8.36 |

Spectrum Plot of Worst Value

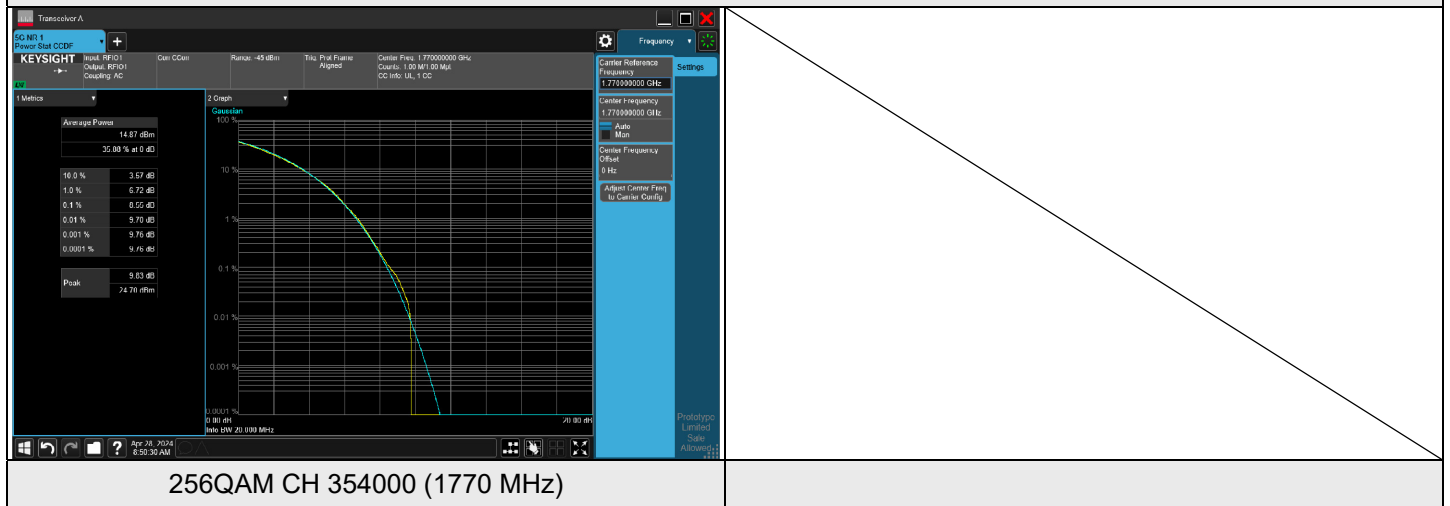




NR n66 SCS 15 kHz, Channel Bandwidth: 20 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-----------|-----------|
| | | | CH 344000 | CH 349000 | CH 354000 |
| | | | 1720 MHz | 1745 MHz | 1770 MHz |
| BPSK | 1 | 105 | 3.99 | 3.95 | 3.98 |
| | 1 | 0 | 3.84 | 4.00 | 3.99 |
| | 100 | 0 | 3.71 | 3.84 | 3.96 |
| QPSK | 1 | 105 | 6.68 | 6.58 | 6.69 |
| | 1 | 0 | 6.39 | 6.65 | 6.62 |
| | 106 | 0 | 6.53 | 6.53 | 6.56 |
| 16QAM | 1 | 105 | 6.71 | 6.60 | 6.75 |
| | 1 | 0 | 6.44 | 6.65 | 6.69 |
| | 106 | 0 | 6.52 | 6.51 | 6.57 |
| 64QAM | 1 | 105 | 7.21 | 7.09 | 7.21 |
| | 1 | 0 | 6.89 | 7.23 | 7.19 |
| | 106 | 0 | 7.08 | 7.08 | 7.09 |
| 256QAM | 1 | 105 | 8.35 | 8.26 | 8.55 |
| | 1 | 0 | 7.71 | 8.33 | 8.18 |
| | 106 | 0 | 8.39 | 8.42 | 8.41 |

Spectrum Plot of Worst Value

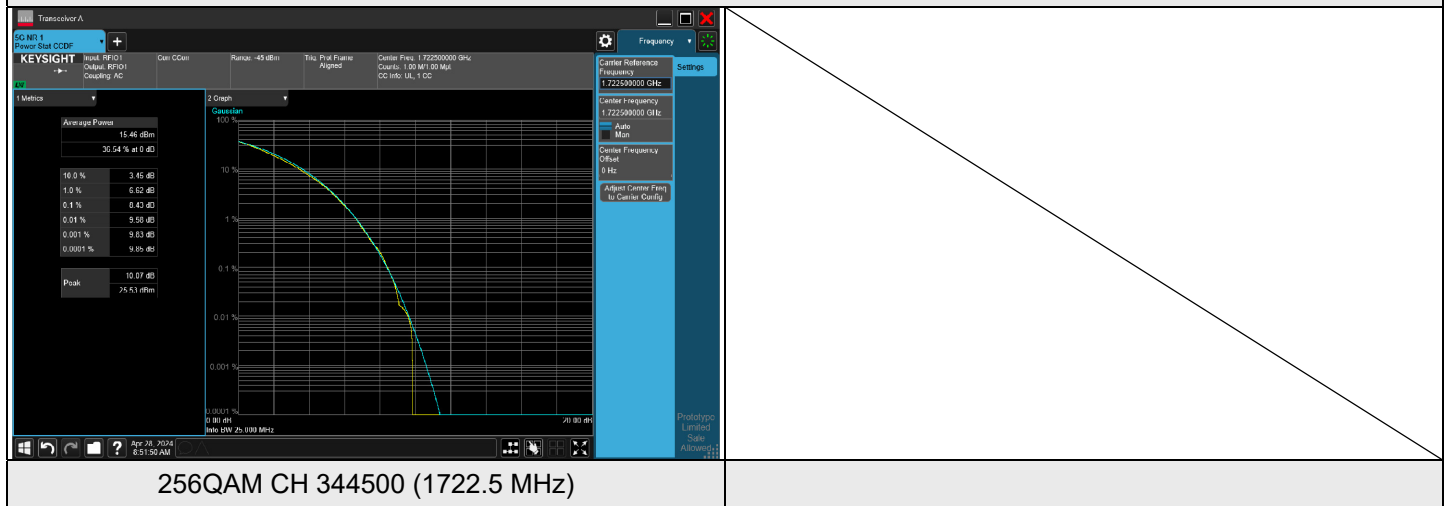




NR n66 SCS 15 kHz, Channel Bandwidth: 25 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-----------|------------|
| | | | CH 344500 | CH 349000 | CH 353500 |
| | | | 1722.5 MHz | 1745 MHz | 1767.5 MHz |
| BPSK | 1 | 132 | 4.18 | 4.18 | 4.20 |
| | 1 | 0 | 4.40 | 4.25 | 4.17 |
| | 128 | 0 | 3.88 | 3.86 | 3.81 |
| QPSK | 1 | 132 | 6.63 | 6.61 | 6.66 |
| | 1 | 0 | 6.85 | 6.70 | 6.64 |
| | 133 | 0 | 6.75 | 6.68 | 6.70 |
| 16QAM | 1 | 132 | 6.84 | 6.75 | 6.85 |
| | 1 | 0 | 6.95 | 6.88 | 6.70 |
| | 133 | 0 | 6.73 | 6.70 | 6.75 |
| 64QAM | 1 | 132 | 7.25 | 7.11 | 7.28 |
| | 1 | 0 | 7.44 | 7.17 | 7.20 |
| | 133 | 0 | 7.06 | 7.10 | 7.15 |
| 256QAM | 1 | 132 | 8.07 | 8.35 | 8.34 |
| | 1 | 0 | 8.43 | 8.25 | 8.21 |
| | 133 | 0 | 8.28 | 8.27 | 8.43 |

Spectrum Plot of Worst Value

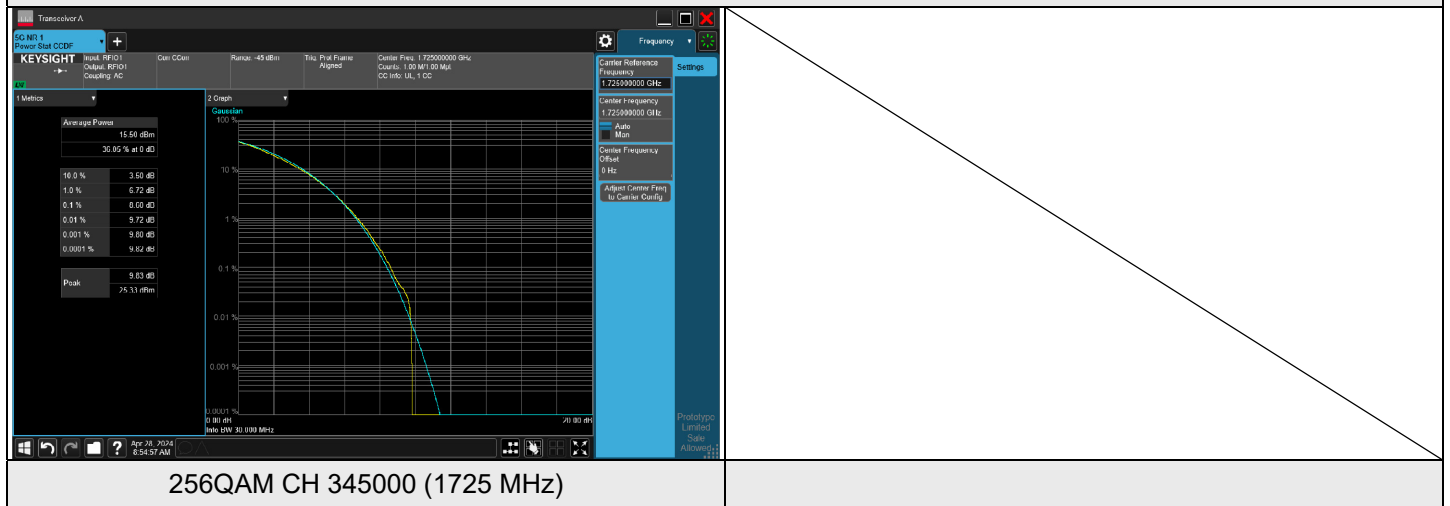




NR n66 SCS 15 kHz, Channel Bandwidth: 30 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-----------|-----------|
| | | | CH 345000 | CH 349000 | CH 353000 |
| | | | 1725 MHz | 1745 MHz | 1765 MHz |
| BPSK | 1 | 159 | 4.12 | 4.01 | 4.15 |
| | 1 | 0 | 4.42 | 4.26 | 4.00 |
| | 160 | 0 | 3.70 | 3.89 | 3.78 |
| QPSK | 1 | 159 | 6.45 | 6.60 | 6.62 |
| | 1 | 0 | 6.86 | 6.73 | 6.54 |
| | 160 | 0 | 6.55 | 6.57 | 6.63 |
| 16QAM | 1 | 159 | 6.66 | 6.72 | 6.79 |
| | 1 | 0 | 7.11 | 6.93 | 6.72 |
| | 160 | 0 | 6.68 | 6.71 | 6.83 |
| 64QAM | 1 | 159 | 6.97 | 7.09 | 7.35 |
| | 1 | 0 | 7.38 | 7.32 | 7.24 |
| | 160 | 0 | 7.09 | 7.14 | 7.10 |
| 256QAM | 1 | 159 | 7.96 | 7.93 | 8.52 |
| | 1 | 0 | 8.60 | 8.19 | 8.38 |
| | 160 | 0 | 8.27 | 8.27 | 8.29 |

Spectrum Plot of Worst Value

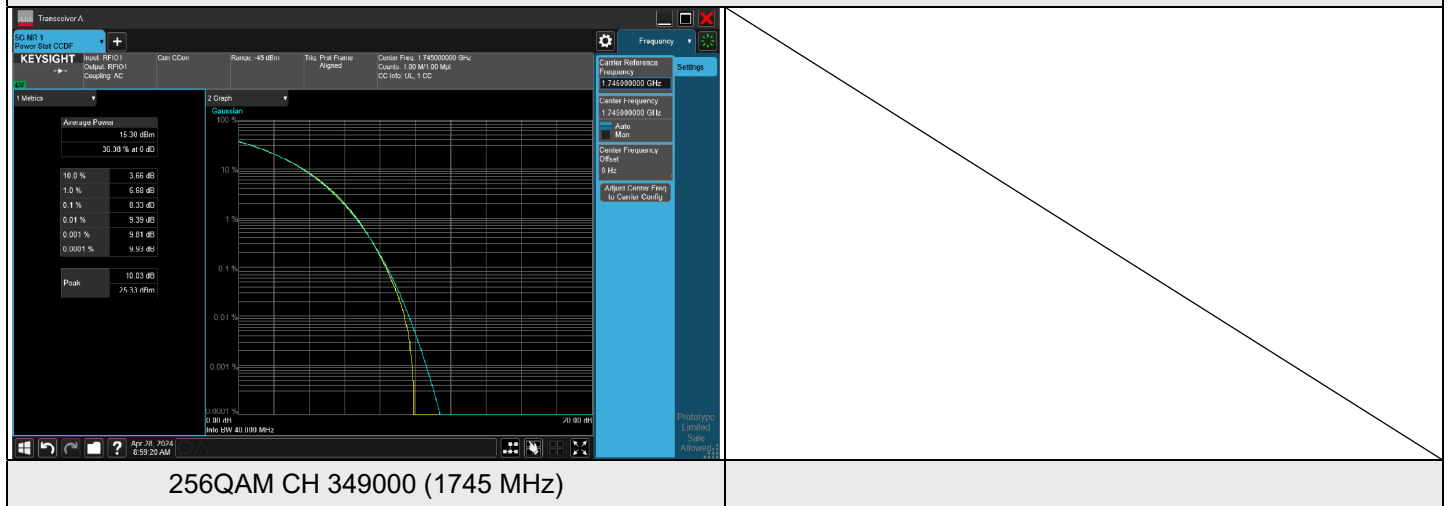




NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-----------|-----------|
| | | | CH 346000 | CH 349000 | CH 352000 |
| | | | 1730 MHz | 1745 MHz | 1760 MHz |
| BPSK | 1 | 215 | 3.96 | 3.74 | 4.04 |
| | 1 | 0 | 4.29 | 4.27 | 4.01 |
| | 216 | 0 | 3.77 | 3.87 | 4.03 |
| QPSK | 1 | 215 | 6.49 | 6.25 | 6.66 |
| | 1 | 0 | 6.90 | 6.89 | 6.50 |
| | 216 | 0 | 6.52 | 6.58 | 6.67 |
| 16QAM | 1 | 215 | 6.62 | 6.25 | 6.73 |
| | 1 | 0 | 7.00 | 6.96 | 6.60 |
| | 216 | 0 | 6.65 | 6.72 | 6.83 |
| 64QAM | 1 | 215 | 7.20 | 6.94 | 7.39 |
| | 1 | 0 | 7.59 | 7.55 | 7.22 |
| | 216 | 0 | 7.05 | 7.12 | 7.17 |
| 256QAM | 1 | 215 | 8.01 | 7.88 | 8.20 |
| | 1 | 0 | 8.11 | 8.24 | 7.74 |
| | 216 | 0 | 8.32 | 8.33 | 8.30 |

Spectrum Plot of Worst Value



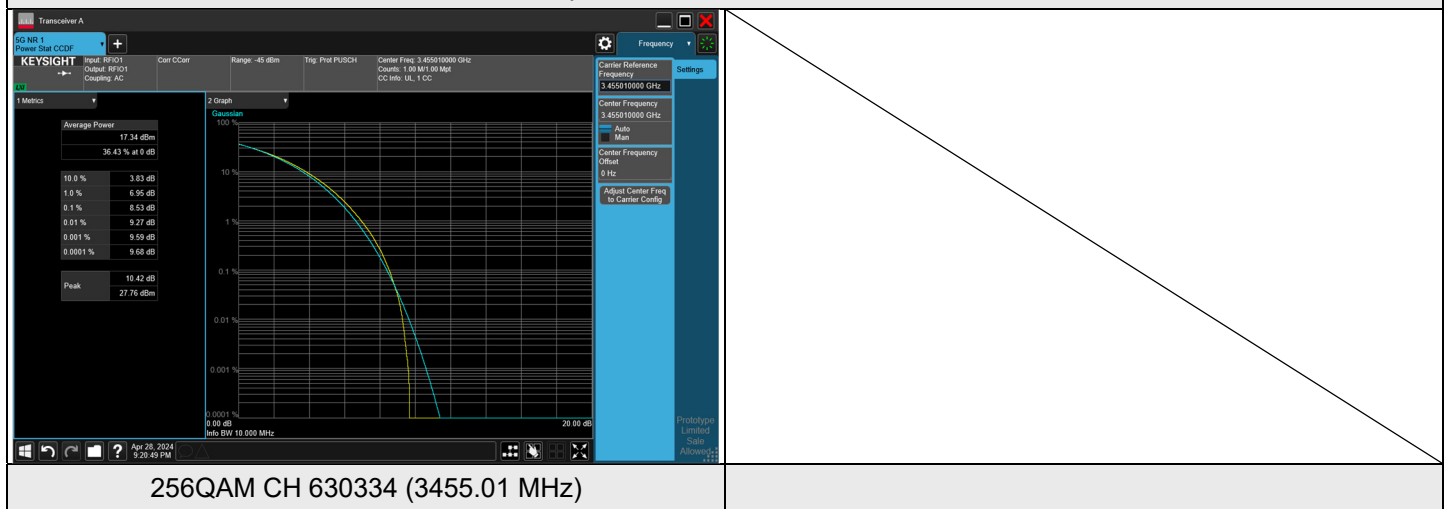


7.3.7 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) – MIMO (Chain 0)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 10 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-------------|
| | | | CH 630334 | CH 633334 | CH 636332 |
| | | | 3455.01 MHz | 3500.01 MHz | 3544.98 MHz |
| QPSK | 1 | 23 | 6.43 | 6.37 | 6.45 |
| | 1 | 0 | 6.45 | 6.36 | 6.60 |
| | 24 | 0 | 6.86 | 6.65 | 6.65 |
| 16QAM | 1 | 23 | 6.69 | 6.46 | 6.40 |
| | 1 | 0 | 6.46 | 6.50 | 6.32 |
| | 24 | 0 | 6.80 | 6.66 | 6.66 |
| 64QAM | 1 | 23 | 7.14 | 7.01 | 7.20 |
| | 1 | 0 | 7.24 | 7.15 | 7.15 |
| | 24 | 0 | 7.13 | 6.98 | 7.04 |
| 256QAM | 1 | 23 | 7.75 | 7.56 | 7.49 |
| | 1 | 0 | 7.65 | 7.99 | 7.69 |
| | 24 | 0 | 8.53 | 8.45 | 8.42 |

Spectrum Plot of Worst Value

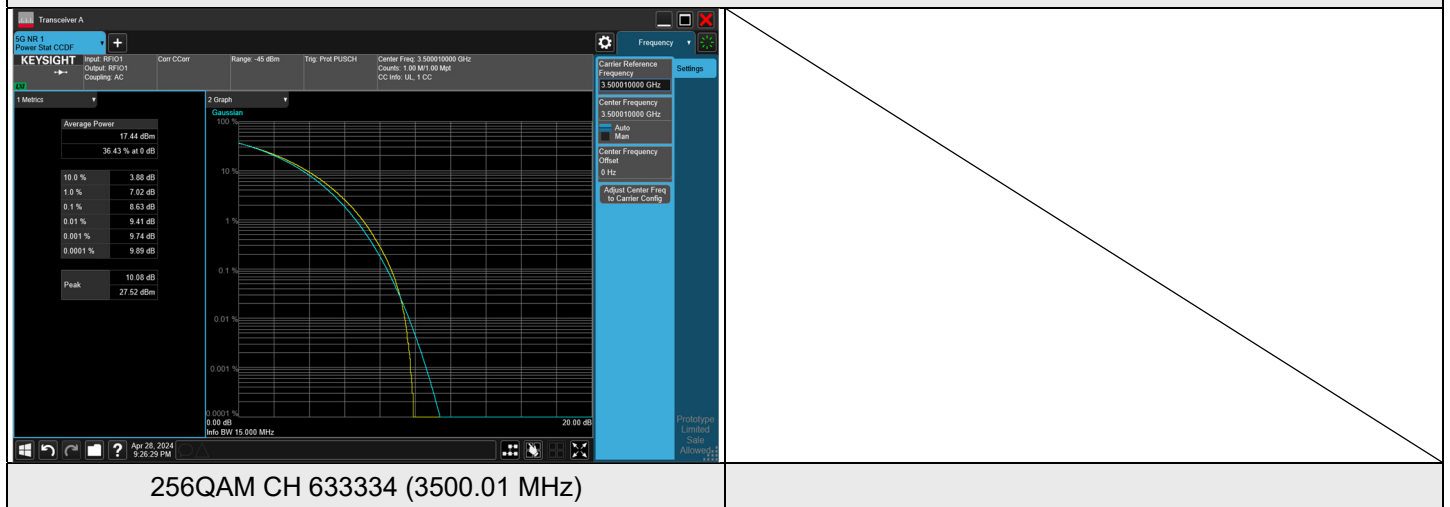




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 15 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-------------|
| | | | CH 630500 | CH 633334 | CH 636166 |
| | | | 3457.5 MHz | 3500.01 MHz | 3542.49 MHz |
| QPSK | 1 | 37 | 6.61 | 6.66 | 6.38 |
| | 1 | 0 | 6.60 | 6.57 | 6.51 |
| | 38 | 0 | 6.76 | 6.98 | 6.94 |
| 16QAM | 1 | 37 | 6.48 | 6.48 | 6.59 |
| | 1 | 0 | 6.47 | 6.45 | 6.32 |
| | 38 | 0 | 6.76 | 6.92 | 6.82 |
| 64QAM | 1 | 37 | 7.08 | 7.08 | 6.99 |
| | 1 | 0 | 7.17 | 7.00 | 7.08 |
| | 38 | 0 | 7.13 | 7.13 | 7.19 |
| 256QAM | 1 | 37 | 7.99 | 7.78 | 7.76 |
| | 1 | 0 | 7.69 | 7.60 | 7.63 |
| | 38 | 0 | 8.09 | 8.63 | 8.53 |

Spectrum Plot of Worst Value

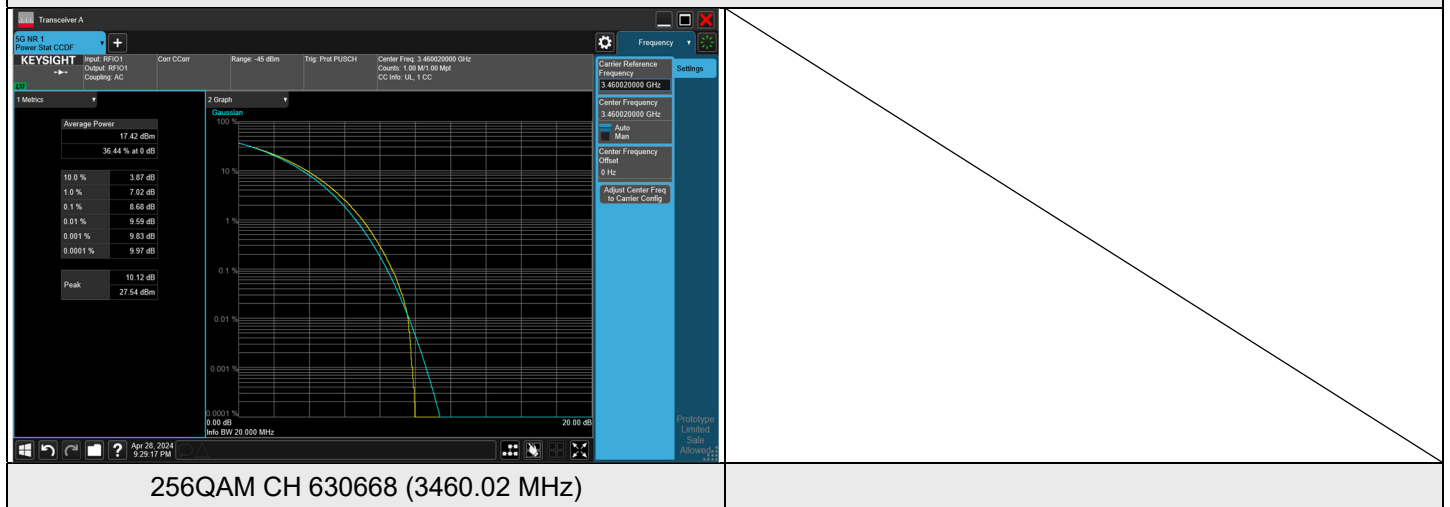




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 20 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-----------|
| | | | CH 630668 | CH 633334 | CH 636000 |
| | | | 3460.02 MHz | 3500.01 MHz | 3540 MHz |
| QPSK | 1 | 50 | 6.45 | 6.53 | 6.58 |
| | 1 | 0 | 6.61 | 6.47 | 6.62 |
| | 51 | 0 | 6.76 | 6.85 | 6.74 |
| 16QAM | 1 | 50 | 6.43 | 6.66 | 6.42 |
| | 1 | 0 | 6.47 | 6.39 | 6.52 |
| | 51 | 0 | 6.67 | 6.84 | 6.73 |
| 64QAM | 1 | 50 | 7.03 | 7.12 | 6.93 |
| | 1 | 0 | 7.12 | 7.04 | 6.95 |
| | 51 | 0 | 7.14 | 7.24 | 7.36 |
| 256QAM | 1 | 50 | 7.85 | 7.70 | 7.66 |
| | 1 | 0 | 7.76 | 7.87 | 7.52 |
| | 51 | 0 | 8.68 | 8.54 | 8.59 |

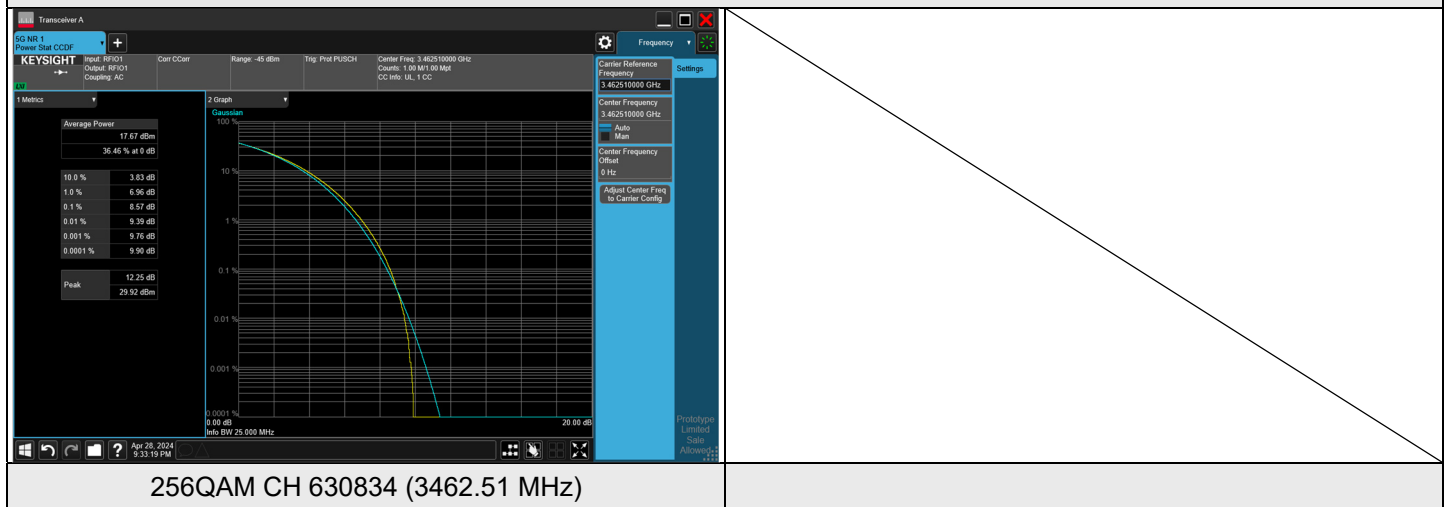
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 25 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-------------|
| | | | CH 630834 | CH 633334 | CH 635832 |
| | | | 3462.51 MHz | 3500.01 MHz | 3537.48 MHz |
| QPSK | 1 | 64 | 6.64 | 6.61 | 6.41 |
| | 1 | 0 | 6.65 | 6.60 | 6.57 |
| | 65 | 0 | 6.90 | 6.77 | 6.88 |
| 16QAM | 1 | 64 | 6.32 | 6.53 | 6.81 |
| | 1 | 0 | 6.54 | 6.31 | 6.42 |
| | 65 | 0 | 7.22 | 7.06 | 6.74 |
| 64QAM | 1 | 64 | 7.24 | 6.75 | 6.86 |
| | 1 | 0 | 7.19 | 7.15 | 7.38 |
| | 65 | 0 | 7.14 | 7.18 | 7.57 |
| 256QAM | 1 | 64 | 7.84 | 7.58 | 8.19 |
| | 1 | 0 | 7.73 | 7.81 | 7.17 |
| | 65 | 0 | 8.57 | 8.27 | 8.38 |

Spectrum Plot of Worst Value

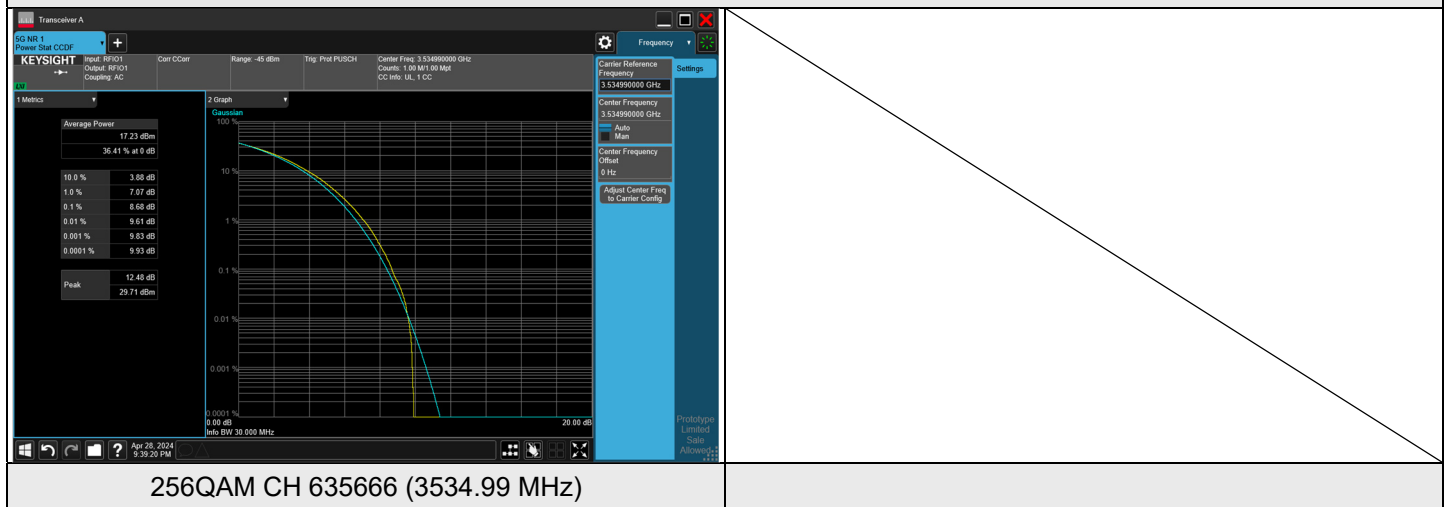




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 30 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-------------|
| | | | CH 631000 | CH 633334 | CH 635666 |
| | | | 3465 MHz | 3500.01 MHz | 3534.99 MHz |
| QPSK | 1 | 77 | 6.72 | 6.66 | 6.58 |
| | 1 | 0 | 6.48 | 6.82 | 6.68 |
| | 78 | 0 | 6.86 | 7.14 | 6.49 |
| 16QAM | 1 | 77 | 6.66 | 6.33 | 6.56 |
| | 1 | 0 | 6.61 | 6.49 | 6.68 |
| | 78 | 0 | 6.85 | 6.71 | 6.93 |
| 64QAM | 1 | 77 | 7.00 | 6.80 | 6.91 |
| | 1 | 0 | 7.14 | 7.05 | 7.35 |
| | 78 | 0 | 7.51 | 7.51 | 7.94 |
| 256QAM | 1 | 77 | 7.49 | 8.04 | 7.39 |
| | 1 | 0 | 7.94 | 7.72 | 7.74 |
| | 78 | 0 | 8.41 | 8.44 | 8.68 |

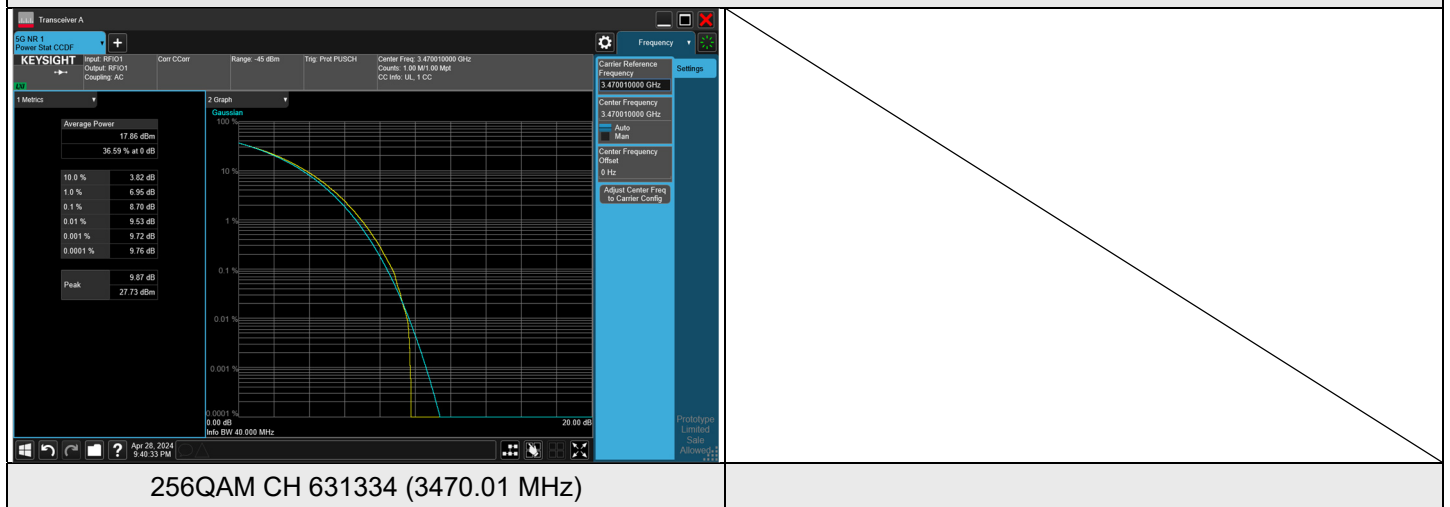
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 40 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-------------|
| | | | CH 631334 | CH 633334 | CH 635332 |
| | | | 3470.01 MHz | 3500.01 MHz | 3529.98 MHz |
| QPSK | 1 | 105 | 6.26 | 6.61 | 6.45 |
| | 1 | 0 | 6.62 | 6.43 | 6.31 |
| | 106 | 0 | 6.81 | 6.95 | 6.78 |
| 16QAM | 1 | 105 | 6.64 | 6.19 | 6.52 |
| | 1 | 0 | 6.39 | 6.47 | 6.31 |
| | 106 | 0 | 7.26 | 6.73 | 6.80 |
| 64QAM | 1 | 105 | 7.27 | 7.20 | 7.05 |
| | 1 | 0 | 7.03 | 7.19 | 6.95 |
| | 106 | 0 | 7.33 | 7.21 | 7.44 |
| 256QAM | 1 | 105 | 7.43 | 7.26 | 7.35 |
| | 1 | 0 | 7.85 | 7.88 | 7.81 |
| | 106 | 0 | 8.70 | 8.43 | 8.59 |

Spectrum Plot of Worst Value



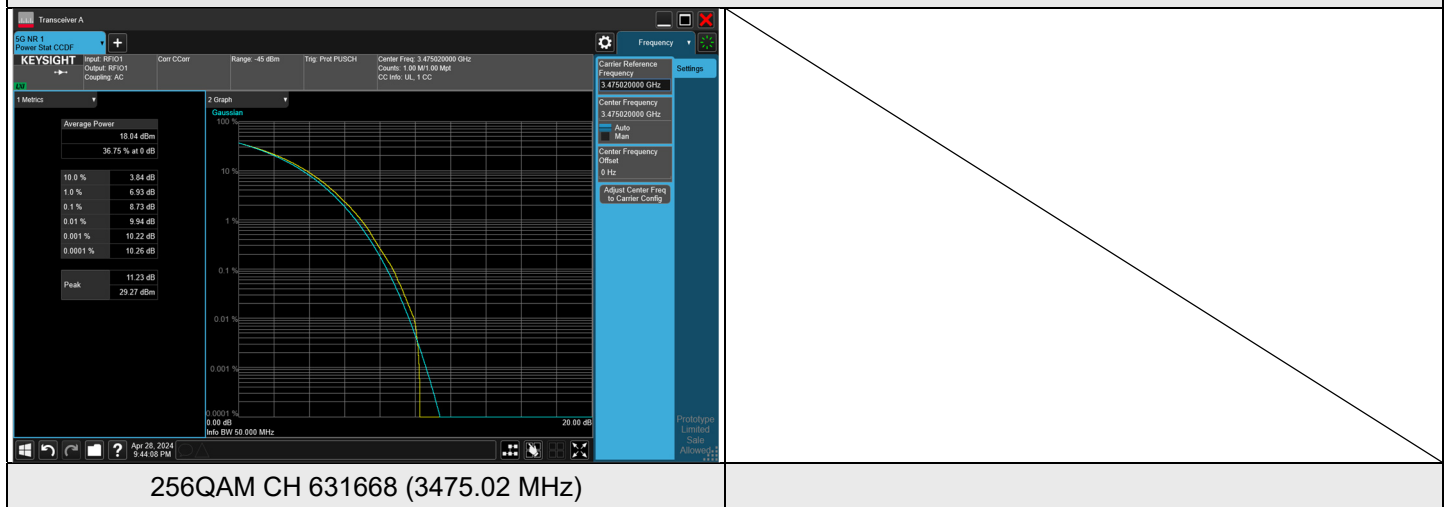
256QAM CH 631334 (3470.01 MHz)



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 50 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-----------|
| | | | CH 631668 | CH 633334 | CH 635000 |
| | | | 3475.02 MHz | 3500.01 MHz | 3525 MHz |
| QPSK | 1 | 132 | 6.22 | 6.05 | 6.26 |
| | 1 | 0 | 6.33 | 5.99 | 6.28 |
| | 133 | 0 | 6.73 | 7.02 | 6.83 |
| 16QAM | 1 | 132 | 6.58 | 6.43 | 6.35 |
| | 1 | 0 | 6.27 | 6.54 | 6.27 |
| | 133 | 0 | 6.80 | 6.94 | 7.00 |
| 64QAM | 1 | 132 | 7.04 | 6.58 | 7.23 |
| | 1 | 0 | 6.92 | 6.61 | 6.70 |
| | 133 | 0 | 7.43 | 7.49 | 7.19 |
| 256QAM | 1 | 132 | 7.32 | 7.16 | 7.45 |
| | 1 | 0 | 7.18 | 7.28 | 7.55 |
| | 133 | 0 | 8.73 | 8.71 | 8.43 |

Spectrum Plot of Worst Value

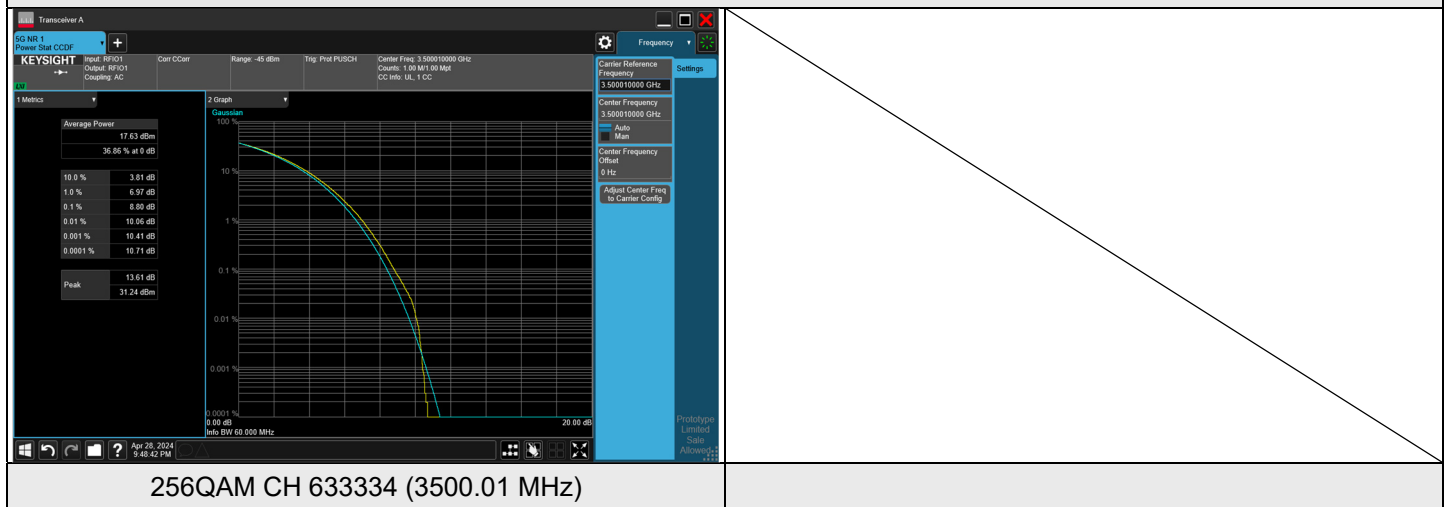




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 60 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-------------|
| | | | CH 632000 | CH 633334 | CH 634666 |
| | | | 3480 MHz | 3500.01 MHz | 3519.99 MHz |
| QPSK | 1 | 161 | 6.04 | 6.03 | 6.16 |
| | 1 | 0 | 6.03 | 6.31 | 6.04 |
| | 162 | 0 | 7.03 | 6.88 | 7.11 |
| 16QAM | 1 | 161 | 6.22 | 6.01 | 6.60 |
| | 1 | 0 | 6.00 | 5.94 | 6.22 |
| | 162 | 0 | 7.01 | 7.16 | 7.10 |
| 64QAM | 1 | 161 | 7.16 | 6.63 | 6.68 |
| | 1 | 0 | 6.78 | 6.76 | 7.00 |
| | 162 | 0 | 7.49 | 7.90 | 7.59 |
| 256QAM | 1 | 161 | 7.58 | 7.50 | 7.40 |
| | 1 | 0 | 7.03 | 7.24 | 7.11 |
| | 162 | 0 | 8.77 | 8.80 | 8.64 |

Spectrum Plot of Worst Value

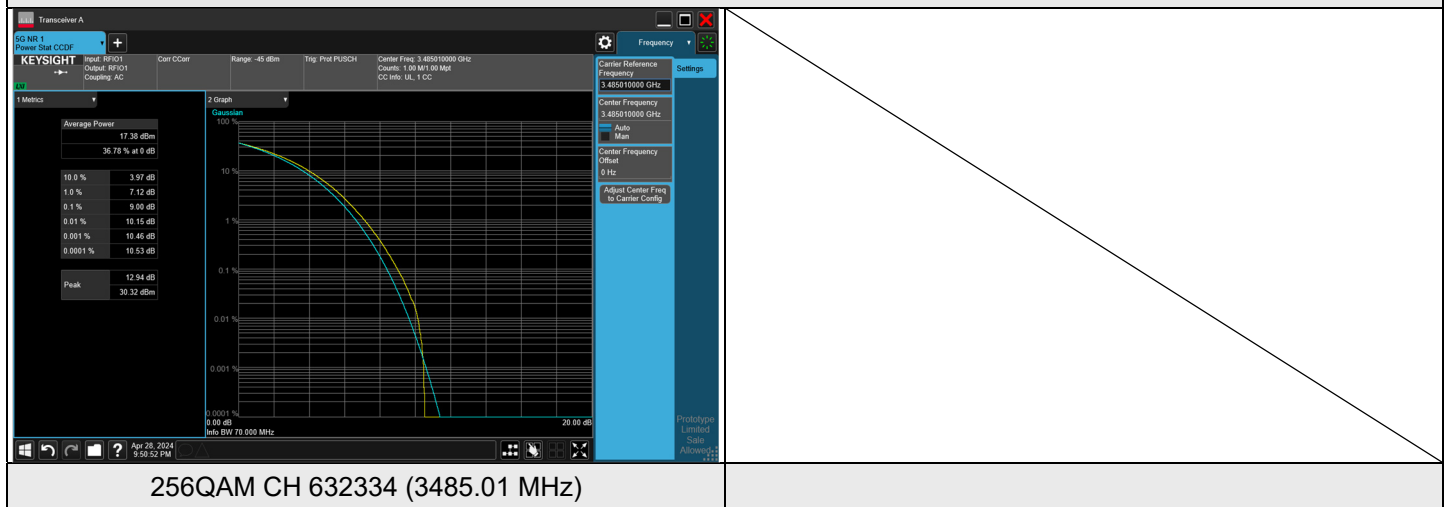




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 70 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-------------|
| | | | CH 632334 | CH 633334 | CH 634332 |
| | | | 3485.01 MHz | 3500.01 MHz | 3514.98 MHz |
| QPSK | 1 | 188 | 6.46 | 6.19 | 6.57 |
| | 1 | 0 | 6.18 | 6.15 | 6.41 |
| | 189 | 0 | 7.08 | 7.17 | 7.18 |
| 16QAM | 1 | 188 | 6.38 | 6.38 | 6.44 |
| | 1 | 0 | 6.48 | 6.41 | 6.02 |
| | 189 | 0 | 7.41 | 7.16 | 7.51 |
| 64QAM | 1 | 188 | 7.56 | 6.67 | 6.72 |
| | 1 | 0 | 6.64 | 7.15 | 6.85 |
| | 189 | 0 | 7.77 | 7.28 | 7.58 |
| 256QAM | 1 | 188 | 7.06 | 7.72 | 7.08 |
| | 1 | 0 | 7.22 | 7.42 | 7.05 |
| | 189 | 0 | 9.00 | 8.49 | 8.51 |

Spectrum Plot of Worst Value

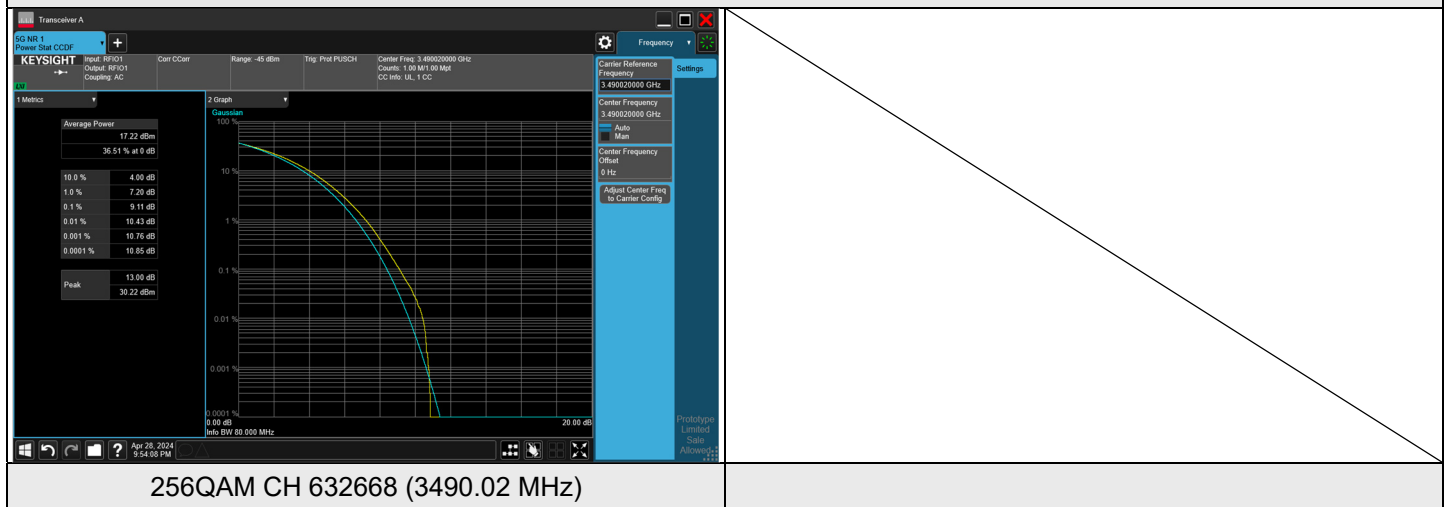




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 80 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-----------|
| | | | CH 632668 | CH 633334 | CH 634000 |
| | | | 3490.02 MHz | 3500.01 MHz | 3510 MHz |
| QPSK | 1 | 216 | 6.73 | 6.18 | 6.83 |
| | 1 | 0 | 6.43 | 6.42 | 6.67 |
| | 217 | 0 | 7.15 | 6.91 | 6.95 |
| 16QAM | 1 | 216 | 6.61 | 6.08 | 6.41 |
| | 1 | 0 | 6.05 | 6.08 | 6.02 |
| | 217 | 0 | 6.89 | 7.21 | 7.23 |
| 64QAM | 1 | 216 | 7.29 | 6.97 | 7.28 |
| | 1 | 0 | 6.69 | 6.97 | 6.62 |
| | 217 | 0 | 7.56 | 7.29 | 7.34 |
| 256QAM | 1 | 216 | 6.95 | 7.24 | 7.17 |
| | 1 | 0 | 7.21 | 7.49 | 7.28 |
| | 217 | 0 | 9.11 | 8.56 | 8.77 |

Spectrum Plot of Worst Value

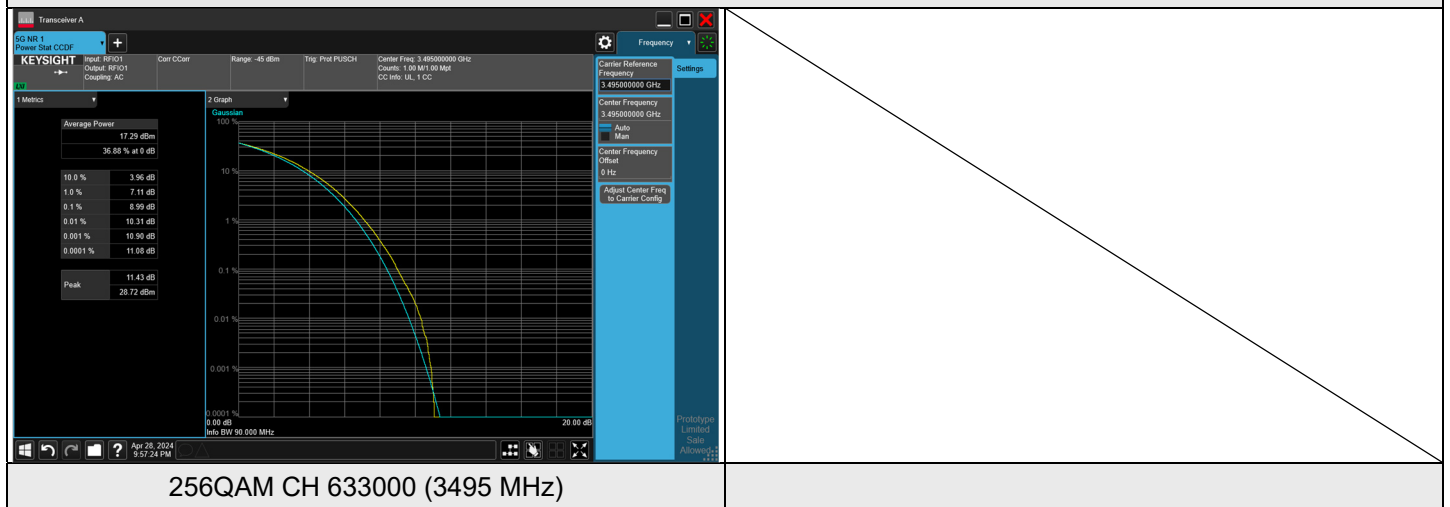




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 90 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
|------------|---------|-----------|----------------------------|-------------|-------------|
| | | | CH 633000 | CH 633334 | CH 633666 |
| | | | 3495 MHz | 3500.01 MHz | 3504.99 MHz |
| QPSK | 1 | 244 | 6.77 | 6.48 | 6.52 |
| | 1 | 0 | 6.15 | 6.17 | 6.20 |
| | 245 | 0 | 7.16 | 7.17 | 6.91 |
| 16QAM | 1 | 244 | 6.16 | 6.37 | 6.39 |
| | 1 | 0 | 6.65 | 6.38 | 6.41 |
| | 245 | 0 | 7.17 | 7.16 | 6.89 |
| 64QAM | 1 | 244 | 7.22 | 6.98 | 7.35 |
| | 1 | 0 | 7.15 | 7.11 | 6.90 |
| | 245 | 0 | 7.59 | 7.61 | 7.33 |
| 256QAM | 1 | 244 | 7.46 | 6.93 | 7.27 |
| | 1 | 0 | 7.19 | 7.01 | 7.09 |
| | 245 | 0 | 8.99 | 8.52 | 8.48 |

Spectrum Plot of Worst Value

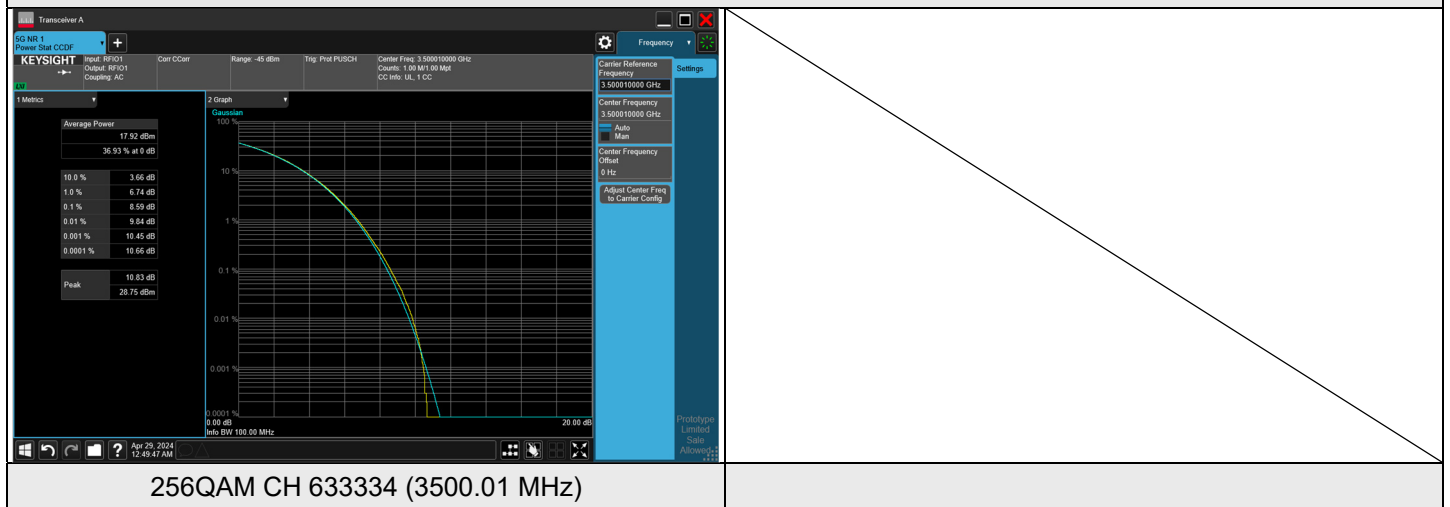




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 0, Channel Bandwidth: 100 MHz

| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | |
|------------|---------|-----------|----------------------------|--|
| | | | CH 633334 | |
| | | | 3500.01 MHz | |
| QPSK | 1 | 272 | 6.39 | |
| | 1 | 0 | 6.35 | |
| | 273 | 0 | 7.04 | |
| 16QAM | 1 | 272 | 6.67 | |
| | 1 | 0 | 6.95 | |
| | 273 | 0 | 7.57 | |
| 64QAM | 1 | 272 | 7.68 | |
| | 1 | 0 | 7.68 | |
| | 273 | 0 | 7.45 | |
| 256QAM | 1 | 272 | 7.38 | |
| | 1 | 0 | 6.80 | |
| | 273 | 0 | 8.59 | |

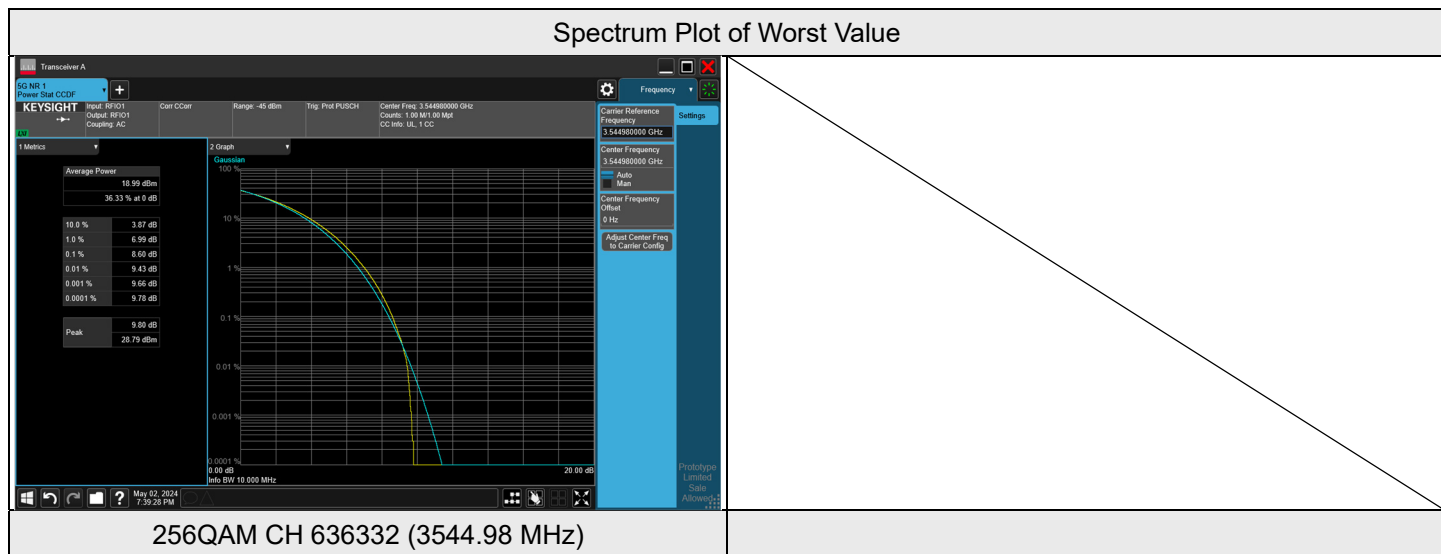
Spectrum Plot of Worst Value



7.3.8 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) – MIMO (Chain 1)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 10 MHz

| NR n77 SCS 30 kHz (3450-3550 MHz) 10M | | | | | |
|---------------------------------------|---------|-----------|----------------------------|-------------|-------------|
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
| | | | CH 630334 | CH 633334 | CH 636332 |
| | | | 3455.01 MHz | 3500.01 MHz | 3544.98 MHz |
| QPSK | 1 | 23 | 6.35 | 6.29 | 6.60 |
| | 1 | 0 | 6.38 | 6.35 | 6.60 |
| | 24 | 0 | 6.73 | 6.94 | 6.72 |
| 16QAM | 1 | 23 | 6.54 | 6.55 | 6.82 |
| | 1 | 0 | 6.61 | 6.42 | 6.53 |
| | 24 | 0 | 6.82 | 6.81 | 6.70 |
| 64QAM | 1 | 23 | 7.07 | 7.23 | 7.05 |
| | 1 | 0 | 7.02 | 7.03 | 7.11 |
| | 24 | 0 | 7.04 | 6.98 | 7.20 |
| 256QAM | 1 | 23 | 7.61 | 7.58 | 7.79 |
| | 1 | 0 | 7.49 | 7.92 | 7.82 |
| | 24 | 0 | 8.29 | 8.29 | 8.60 |

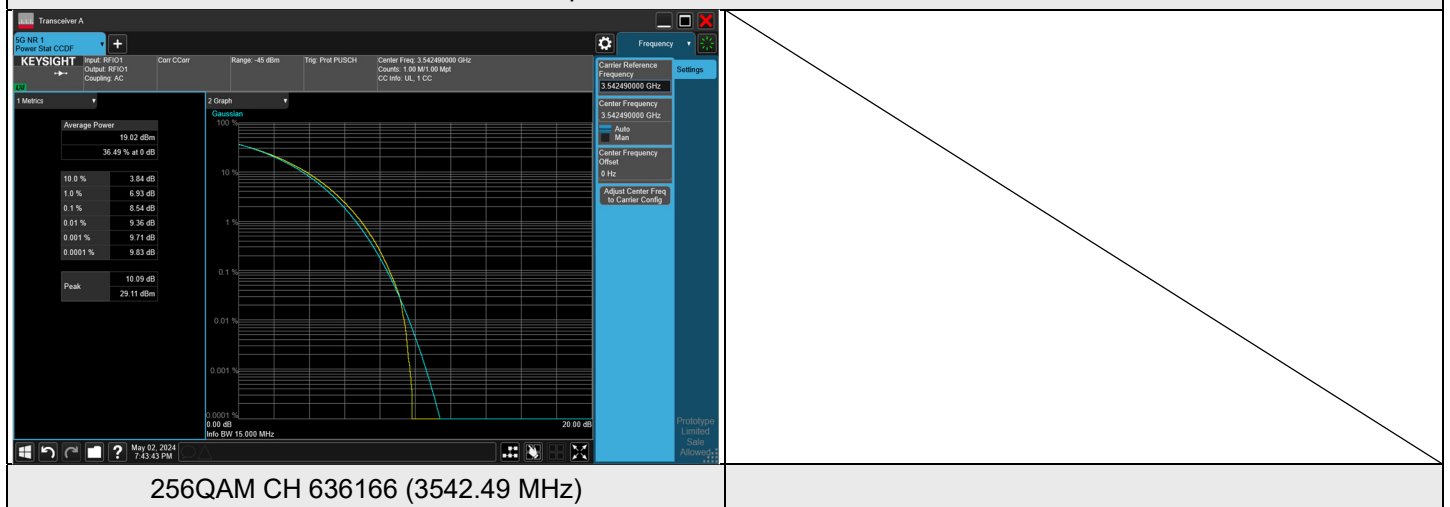




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 15 MHz

| NR n77 SCS 30 kHz (3450-3550 MHz) 15M | | | | | |
|---------------------------------------|---------|-----------|----------------------------|-------------|-------------|
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
| | | | CH 630500 | CH 633334 | CH 636166 |
| | | | 3457.5 MHz | 3500.01 MHz | 3542.49 MHz |
| QPSK | 1 | 37 | 6.41 | 6.47 | 6.60 |
| | 1 | 0 | 6.69 | 6.41 | 6.56 |
| | 38 | 0 | 6.86 | 6.86 | 6.81 |
| 16QAM | 1 | 37 | 6.56 | 6.60 | 6.63 |
| | 1 | 0 | 6.56 | 6.45 | 6.50 |
| | 38 | 0 | 6.72 | 6.71 | 7.00 |
| 64QAM | 1 | 37 | 7.04 | 7.06 | 7.19 |
| | 1 | 0 | 7.14 | 6.93 | 7.20 |
| | 38 | 0 | 7.19 | 7.32 | 7.33 |
| 256QAM | 1 | 37 | 7.76 | 7.98 | 8.01 |
| | 1 | 0 | 7.70 | 7.84 | 7.50 |
| | 38 | 0 | 8.33 | 8.46 | 8.54 |

Spectrum Plot of Worst Value

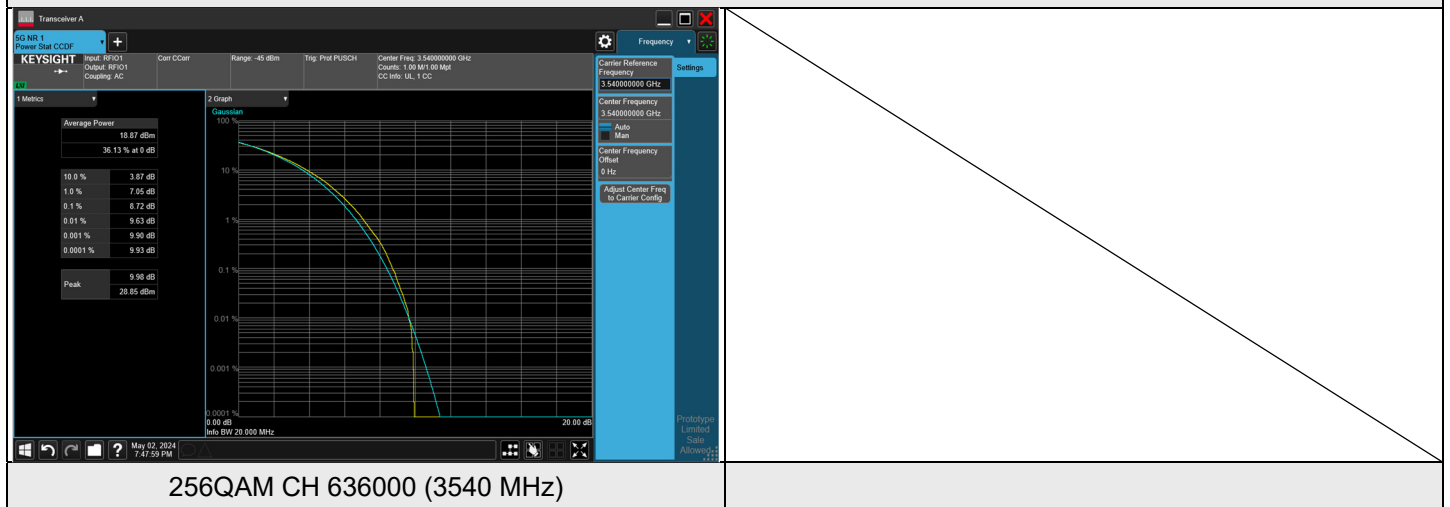




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 20 MHz

| NR n77 SCS 30 kHz (3450-3550 MHz) 20M | | | | | |
|---------------------------------------|---------|-----------|----------------------------|-------------|-----------|
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
| | | | CH 630668 | CH 633334 | CH 636000 |
| | | | 3460.02 MHz | 3500.01 MHz | 3540 MHz |
| QPSK | 1 | 50 | 6.64 | 6.59 | 6.68 |
| | 1 | 0 | 6.47 | 6.41 | 6.40 |
| | 51 | 0 | 6.61 | 6.57 | 6.57 |
| 16QAM | 1 | 50 | 6.64 | 6.45 | 6.48 |
| | 1 | 0 | 6.61 | 6.59 | 6.63 |
| | 51 | 0 | 6.58 | 6.59 | 6.71 |
| 64QAM | 1 | 50 | 7.11 | 7.08 | 7.12 |
| | 1 | 0 | 7.02 | 6.83 | 7.08 |
| | 51 | 0 | 7.17 | 7.26 | 7.23 |
| 256QAM | 1 | 50 | 7.67 | 7.71 | 7.93 |
| | 1 | 0 | 7.62 | 7.68 | 8.05 |
| | 51 | 0 | 8.47 | 8.54 | 8.72 |

Spectrum Plot of Worst Value

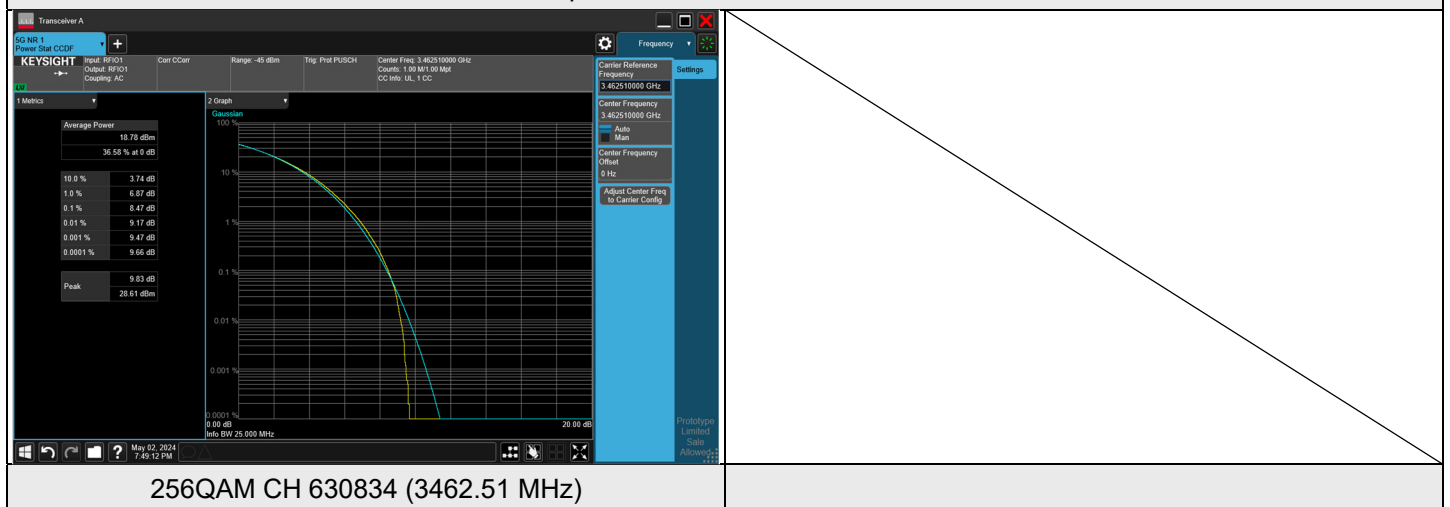




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 25 MHz

| NR n77 SCS 30 kHz (3450-3550 MHz) 25M | | | | | |
|---------------------------------------|---------|-----------|----------------------------|-------------|-------------|
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
| | | | CH 630834 | CH 633334 | CH 635832 |
| | | | 3462.51 MHz | 3500.01 MHz | 3537.48 MHz |
| QPSK | 1 | 64 | 6.65 | 6.39 | 6.49 |
| | 1 | 0 | 6.85 | 6.33 | 6.43 |
| | 65 | 0 | 6.67 | 6.85 | 6.75 |
| 16QAM | 1 | 64 | 6.69 | 6.50 | 6.79 |
| | 1 | 0 | 6.47 | 6.68 | 6.87 |
| | 65 | 0 | 6.87 | 6.73 | 7.03 |
| 64QAM | 1 | 64 | 7.32 | 6.84 | 7.14 |
| | 1 | 0 | 7.32 | 6.94 | 6.99 |
| | 65 | 0 | 7.26 | 7.15 | 7.56 |
| 256QAM | 1 | 64 | 7.92 | 7.89 | 7.60 |
| | 1 | 0 | 7.74 | 7.60 | 7.84 |
| | 65 | 0 | 8.47 | 8.37 | 8.45 |

Spectrum Plot of Worst Value

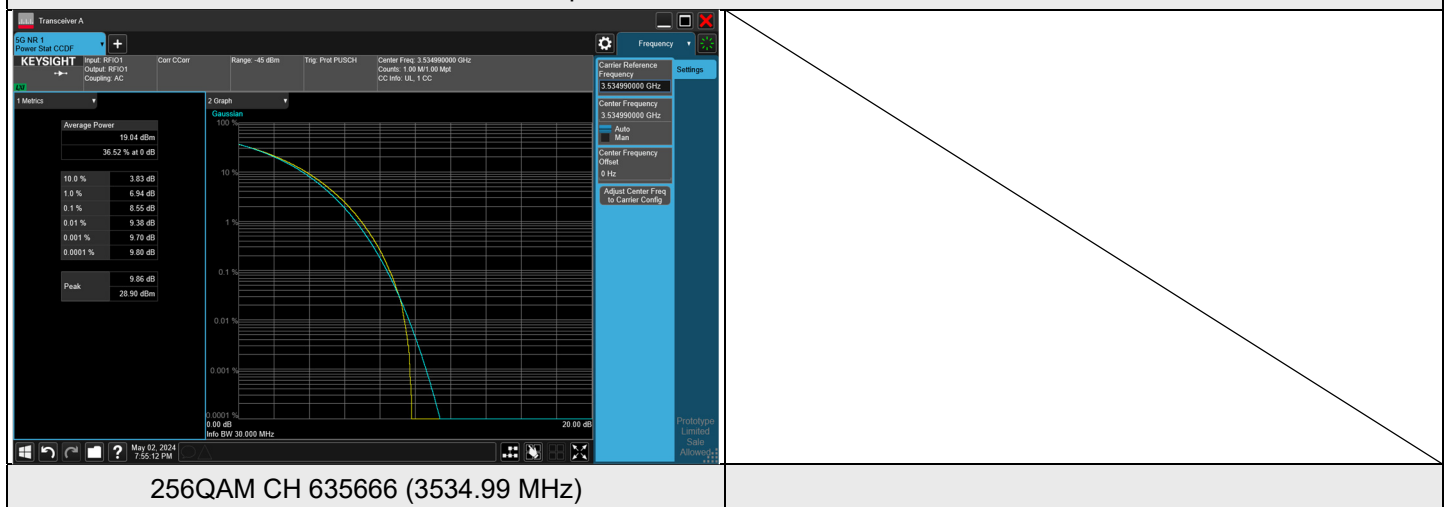




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 30 MHz

| NR n77 SCS 30 kHz (3450-3550 MHz) 30M | | | | | |
|---------------------------------------|---------|-----------|----------------------------|-------------|-------------|
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
| | | | CH 631000 | CH 633334 | CH 635666 |
| | | | 3465 MHz | 3500.01 MHz | 3534.99 MHz |
| QPSK | 1 | 77 | 6.34 | 6.35 | 6.48 |
| | 1 | 0 | 6.66 | 6.32 | 6.64 |
| | 78 | 0 | 6.83 | 6.98 | 6.81 |
| 16QAM | 1 | 77 | 6.30 | 6.36 | 6.72 |
| | 1 | 0 | 6.40 | 6.69 | 6.39 |
| | 78 | 0 | 6.86 | 6.72 | 6.94 |
| 64QAM | 1 | 77 | 6.91 | 7.09 | 6.93 |
| | 1 | 0 | 6.97 | 6.87 | 7.22 |
| | 78 | 0 | 7.00 | 7.05 | 7.49 |
| 256QAM | 1 | 77 | 7.38 | 7.64 | 7.53 |
| | 1 | 0 | 7.69 | 7.74 | 8.02 |
| | 78 | 0 | 8.28 | 8.46 | 8.55 |

Spectrum Plot of Worst Value

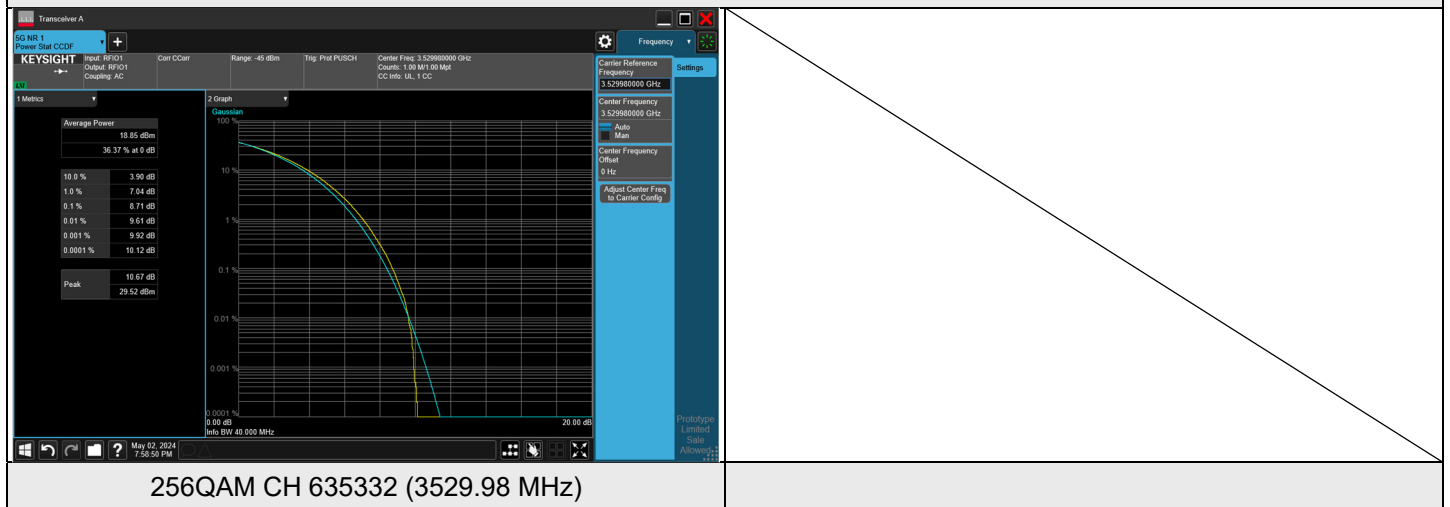




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 40 MHz

| NR n77 SCS 30 kHz (3450-3550 MHz) 40M | | | | | |
|---------------------------------------|---------|-----------|----------------------------|-------------|-------------|
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
| | | | CH 631334 | CH 633334 | CH 635332 |
| | | | 3470.01 MHz | 3500.01 MHz | 3529.98 MHz |
| QPSK | 1 | 105 | 6.38 | 6.63 | 7.12 |
| | 1 | 0 | 6.29 | 6.48 | 6.37 |
| | 106 | 0 | 6.53 | 6.98 | 6.68 |
| 16QAM | 1 | 105 | 6.81 | 6.34 | 6.86 |
| | 1 | 0 | 6.50 | 6.39 | 6.45 |
| | 106 | 0 | 6.77 | 6.94 | 6.95 |
| 64QAM | 1 | 105 | 7.04 | 7.07 | 6.88 |
| | 1 | 0 | 6.71 | 6.91 | 6.76 |
| | 106 | 0 | 7.46 | 7.49 | 7.36 |
| 256QAM | 1 | 105 | 7.56 | 7.92 | 7.54 |
| | 1 | 0 | 7.59 | 7.54 | 7.57 |
| | 106 | 0 | 8.43 | 8.34 | 8.71 |

Spectrum Plot of Worst Value

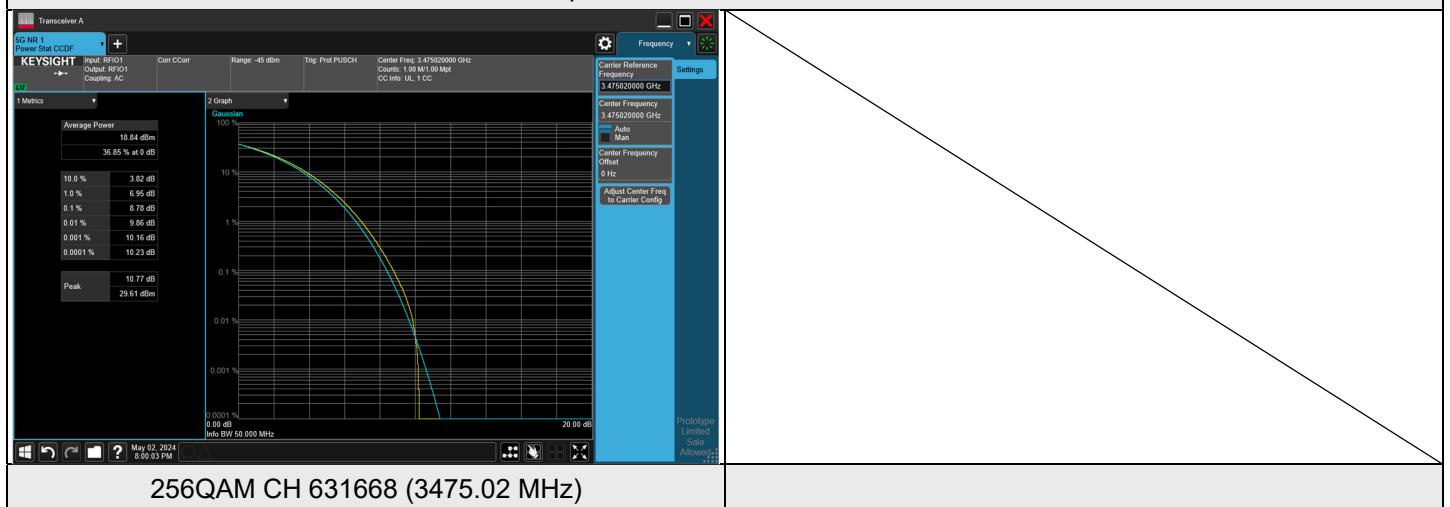




NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 50 MHz

| NR n77 SCS 30 kHz (3450-3550 MHz) 50M | | | | | |
|---------------------------------------|---------|-----------|----------------------------|-------------|-----------|
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
| | | | CH 631668 | CH 633334 | CH 635000 |
| | | | 3475.02 MHz | 3500.01 MHz | 3525 MHz |
| QPSK | 1 | 132 | 6.03 | 6.53 | 6.62 |
| | 1 | 0 | 6.08 | 6.14 | 6.19 |
| | 133 | 0 | 6.82 | 7.07 | 6.93 |
| 16QAM | 1 | 132 | 6.01 | 6.19 | 6.11 |
| | 1 | 0 | 6.09 | 6.06 | 6.13 |
| | 133 | 0 | 7.09 | 7.10 | 6.71 |
| 64QAM | 1 | 132 | 6.61 | 6.65 | 7.01 |
| | 1 | 0 | 6.63 | 6.51 | 6.96 |
| | 133 | 0 | 7.29 | 7.34 | 7.33 |
| 256QAM | 1 | 132 | 7.53 | 7.50 | 7.35 |
| | 1 | 0 | 7.60 | 7.37 | 7.01 |
| | 133 | 0 | 8.78 | 8.76 | 8.48 |

Spectrum Plot of Worst Value





NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Chain 1, Channel Bandwidth: 60 MHz

| NR n77 SCS 30 kHz (3450-3550 MHz) 60M | | | | | |
|---------------------------------------|---------|-----------|----------------------------|-------------|-------------|
| Modulation | RB Size | RB Offset | Peak To Average Ratio (dB) | | |
| | | | CH 632000 | CH 633334 | CH 634666 |
| | | | 3480 MHz | 3500.01 MHz | 3519.99 MHz |
| QPSK | 1 | 161 | 6.08 | 6.68 | 6.68 |
| | 1 | 0 | 6.00 | 6.81 | 5.98 |
| | 162 | 0 | 6.79 | 7.03 | 7.09 |
| 16QAM | 1 | 161 | 6.11 | 6.11 | 6.51 |
| | 1 | 0 | 6.37 | 6.29 | 6.67 |
| | 162 | 0 | 6.76 | 7.00 | 7.38 |
| 64QAM | 1 | 161 | 7.45 | 6.82 | 7.01 |
| | 1 | 0 | 6.77 | 7.08 | 6.46 |
| | 162 | 0 | 7.18 | 7.24 | 7.57 |
| 256QAM | 1 | 161 | 7.45 | 7.85 | 7.53 |
| | 1 | 0 | 6.98 | 7.12 | 7.07 |
| | 162 | 0 | 8.57 | 9.03 | 9.09 |

Spectrum Plot of Worst Value

