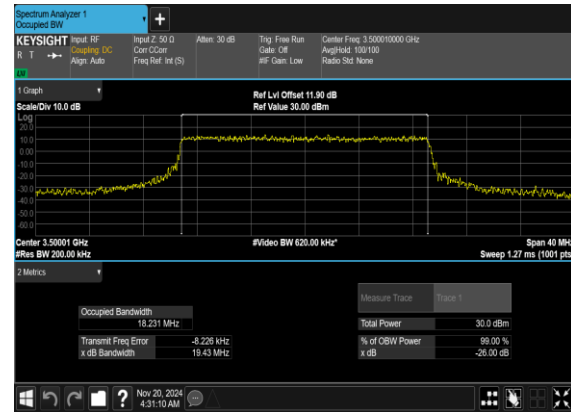




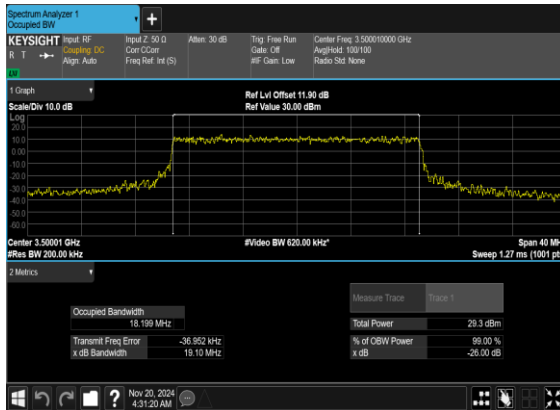
N77(20M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



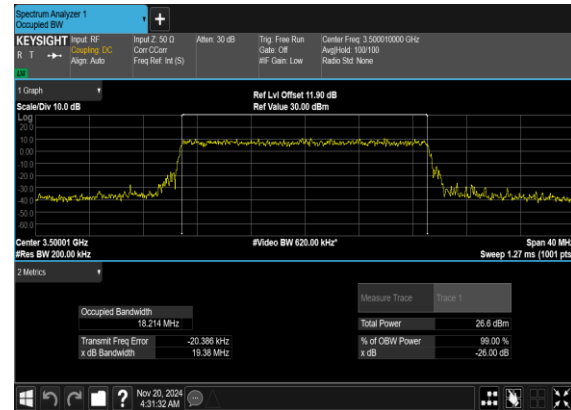
N77(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



N77(20M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

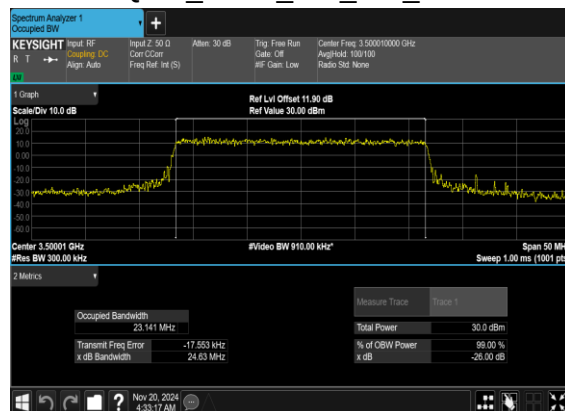




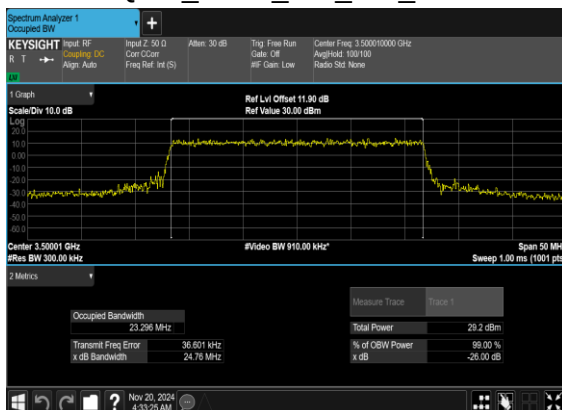
N77(25M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



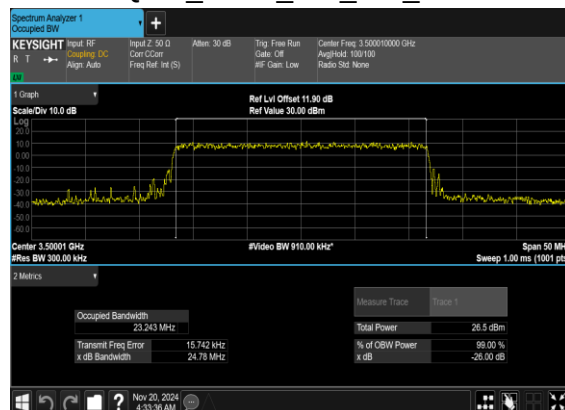
N77(25M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(25M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

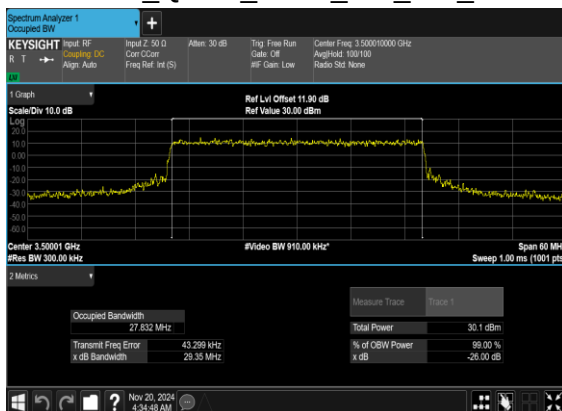


N77(25M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

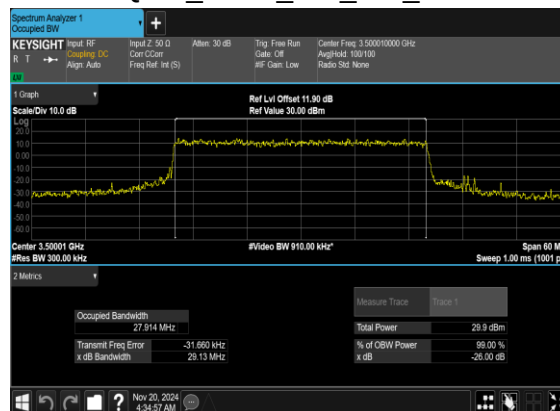




N77(30M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



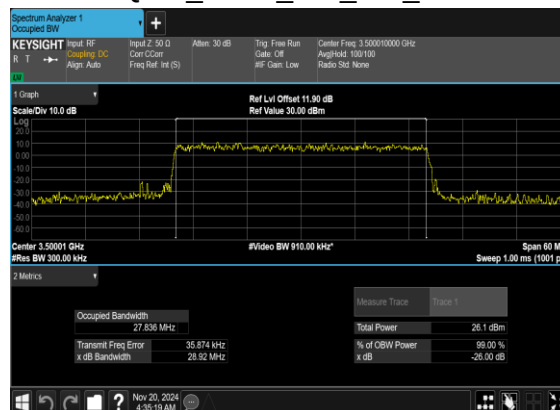
N77(30M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

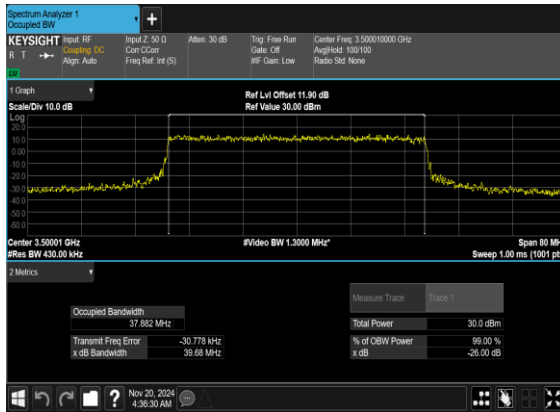


N77(30M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

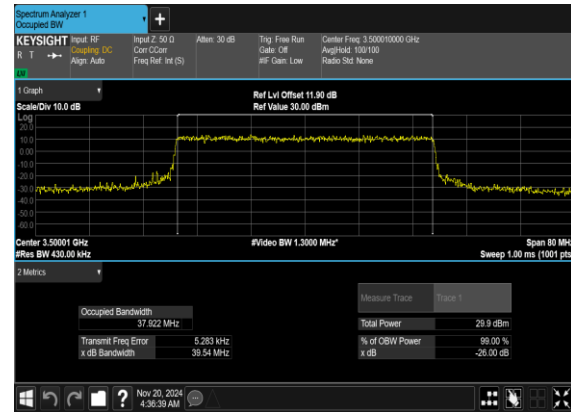




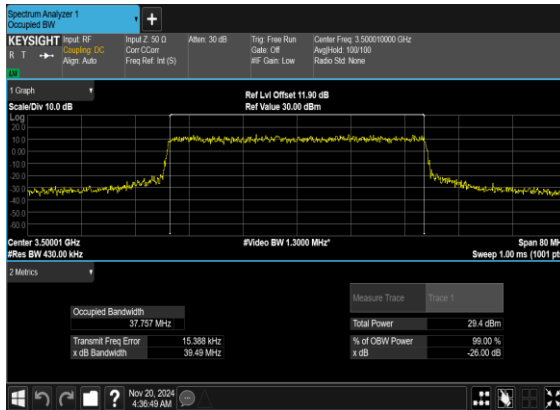
N77(40M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



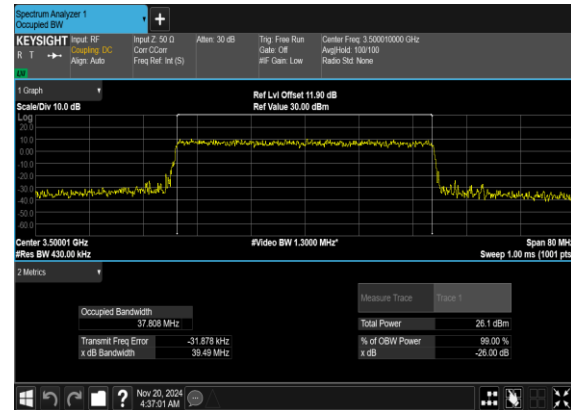
N77(40M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(40M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

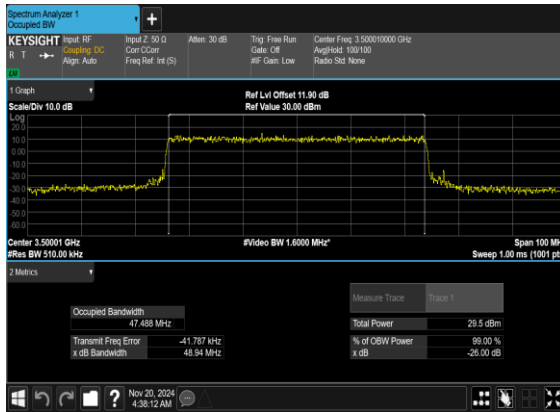


N77(40M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

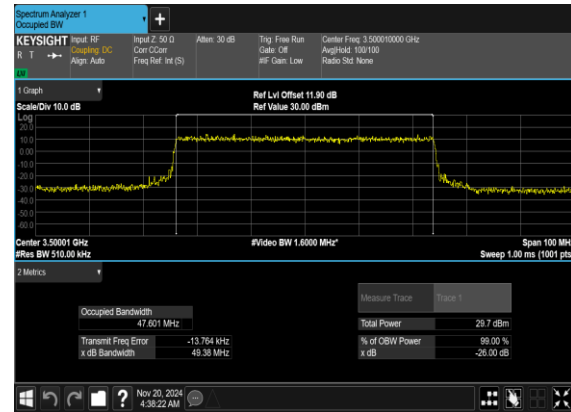




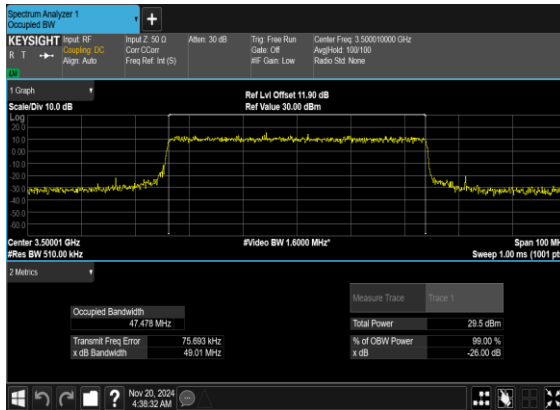
N77(50M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



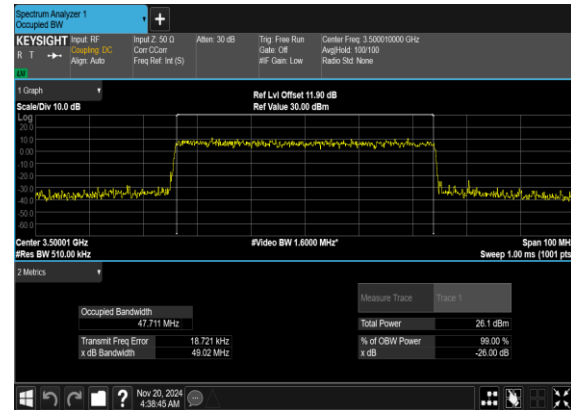
N77(50M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(50M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

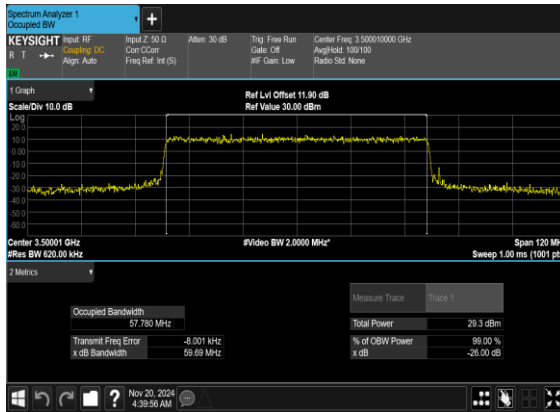


N77(50M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

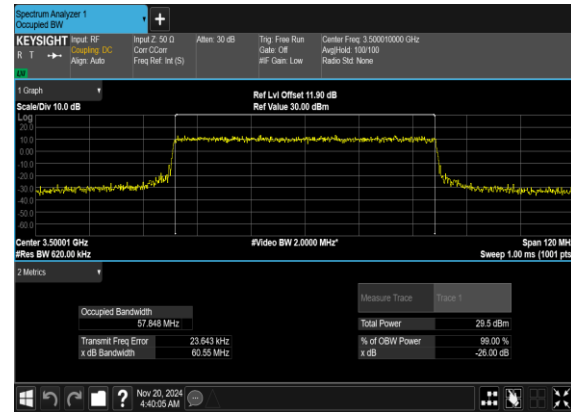




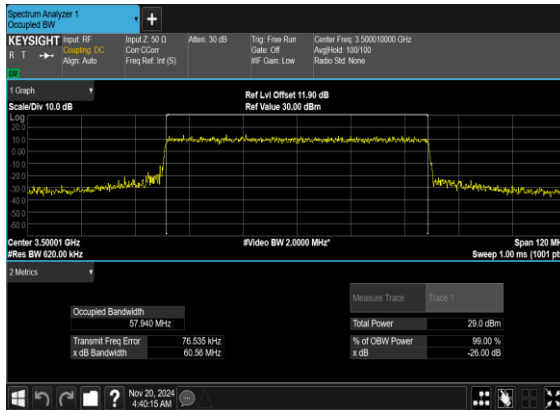
N77(60M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



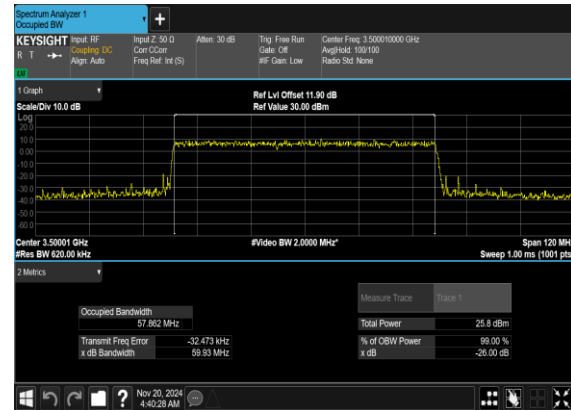
N77(60M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(60M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

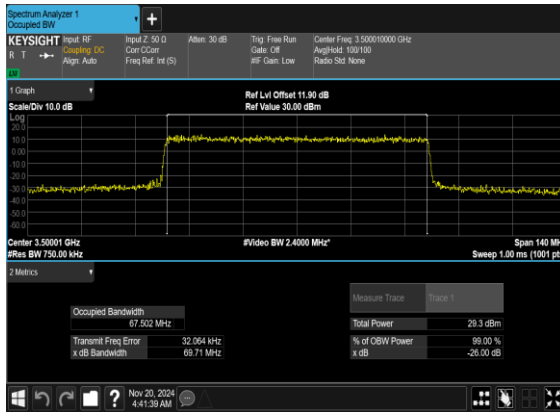


N77(60M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

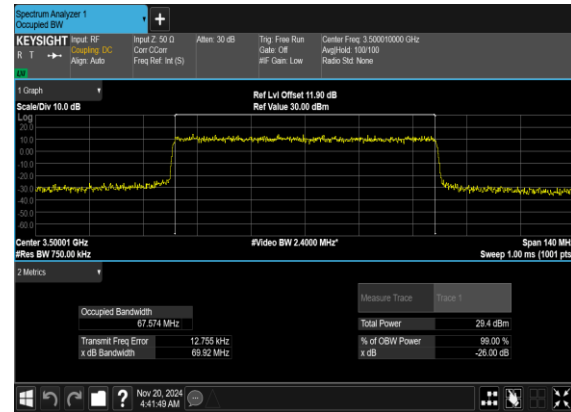




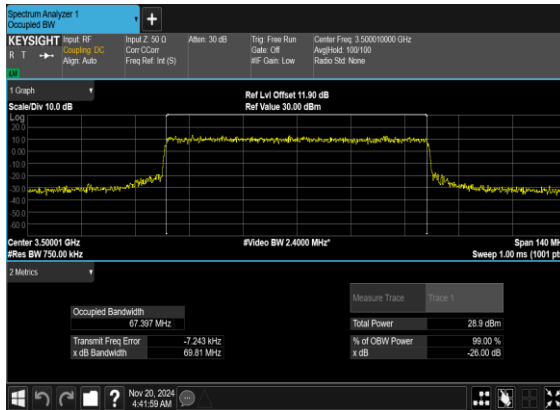
N77(70M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



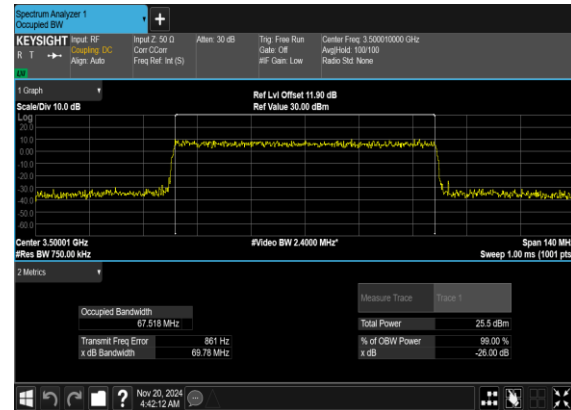
N77(70M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(70M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

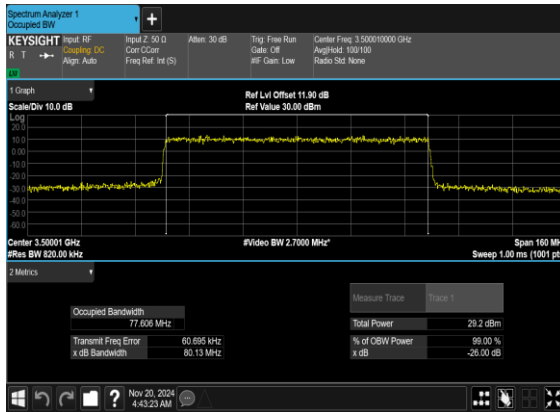


N77(70M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

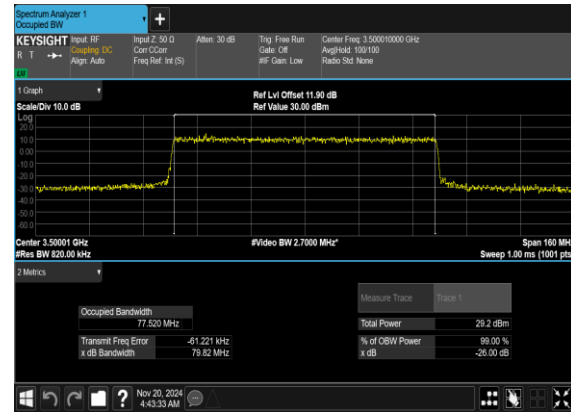




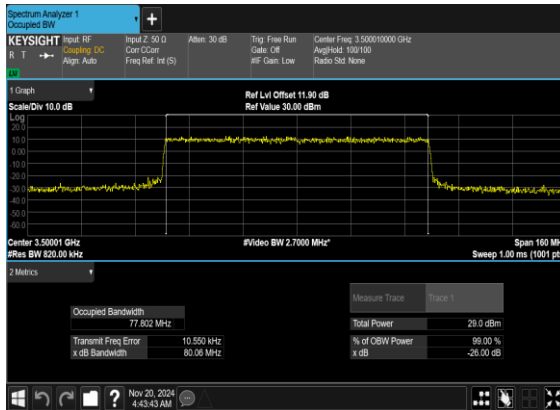
N77(80M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



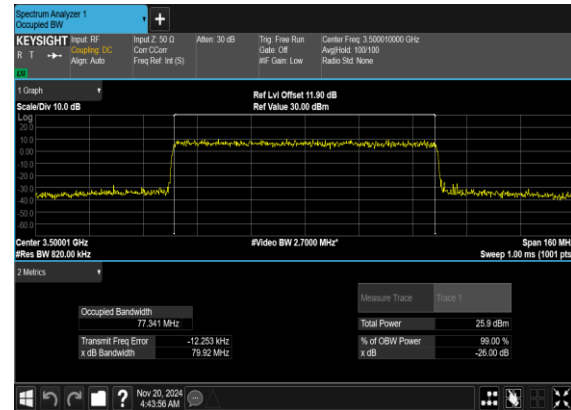
N77(80M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(80M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

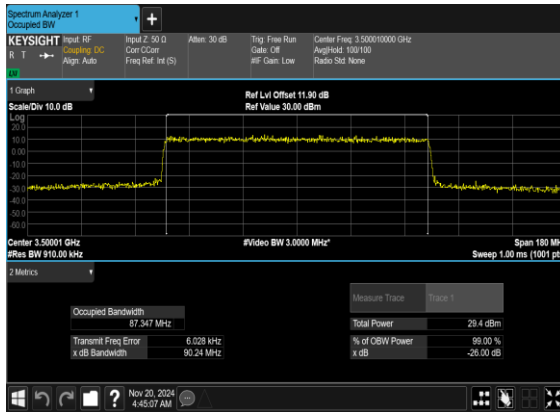


N77(80M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

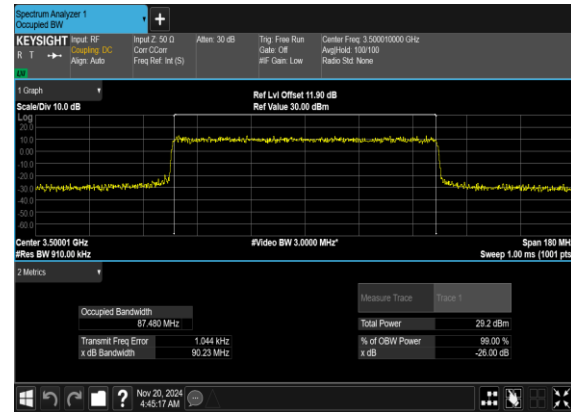




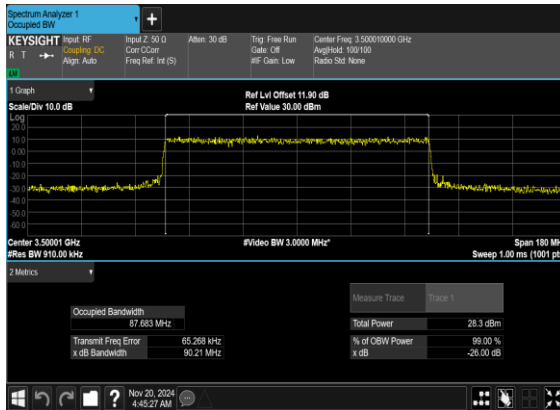
N77(90M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



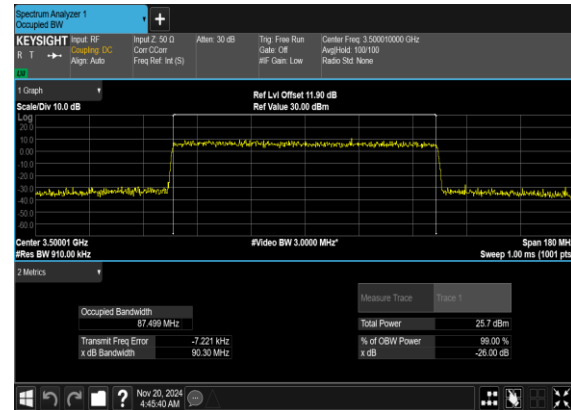
N77(90M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(90M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

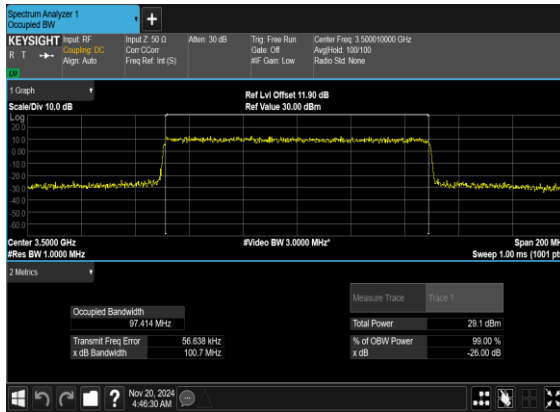


N77(90M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

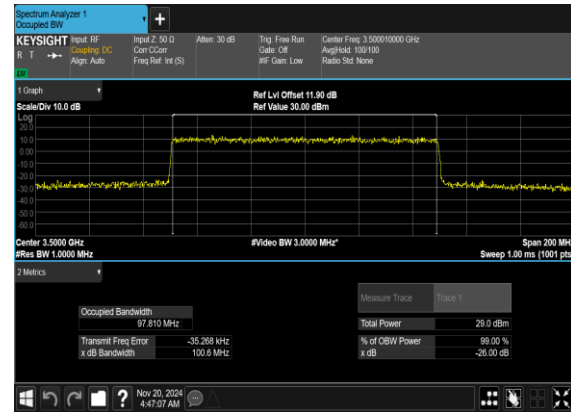




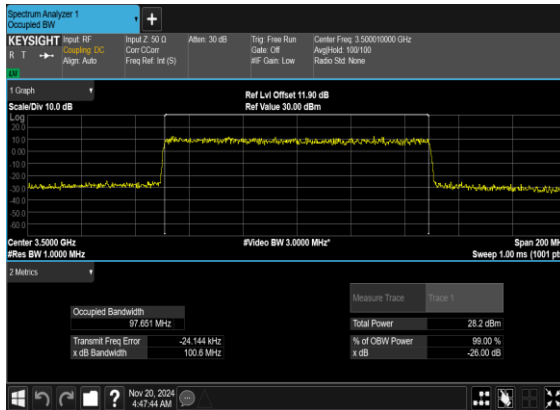
N77(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



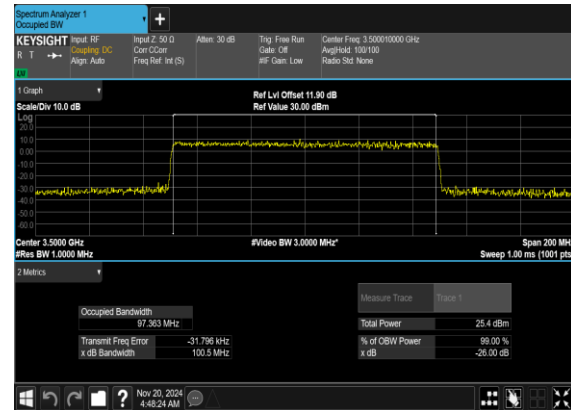
N77(100M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(100M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



N77(100M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



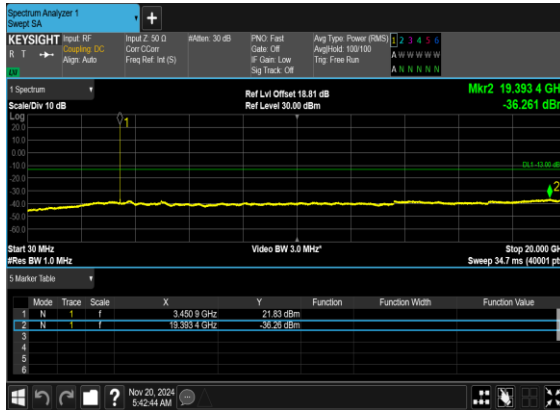
## Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation   | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|--------------|-----|-----------|---------|
| 77      | 30        | 10              | 630334 | 3455.01    | CP-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 630334 | 3455.01    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 630334 | 3455.01    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 633334 | 3500.01    | CP-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 633334 | 3500.01    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 633334 | 3500.01    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | CP-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 636332 | 3544.98    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | CP-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 50              | 631668 | 3475.02    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 633334 | 3500.01    | CP-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 50              | 633334 | 3500.01    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 633334 | 3500.01    | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 635000 | 3525.0     | CP-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 50              | 635000 | 3525.0     | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 635000 | 3525.0     | CP-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | CP-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 100             | 633334 | 3500.01    | CP-OFDM QPSK | 1@0 | see graph | PASS    |

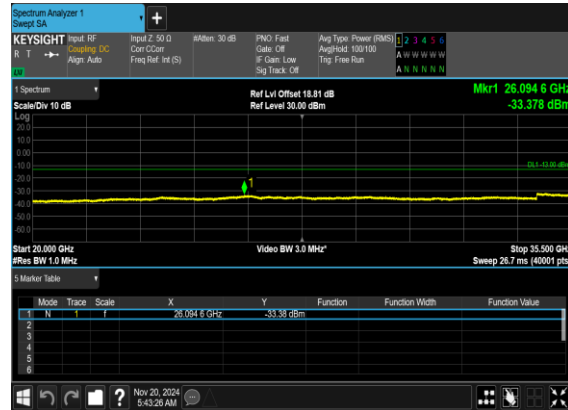


|    |    |     |        |         |                 |     |           |      |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM<br>QPSK | 1@0 | see graph | PASS |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|

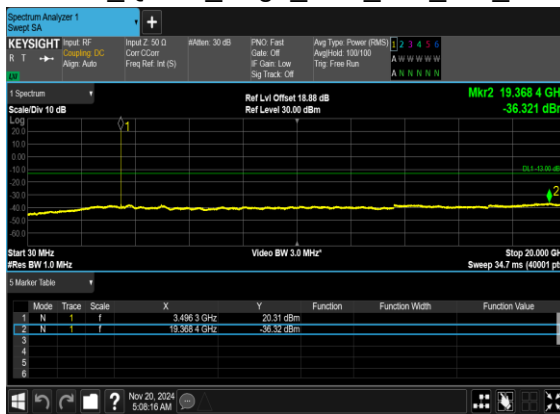
N77(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



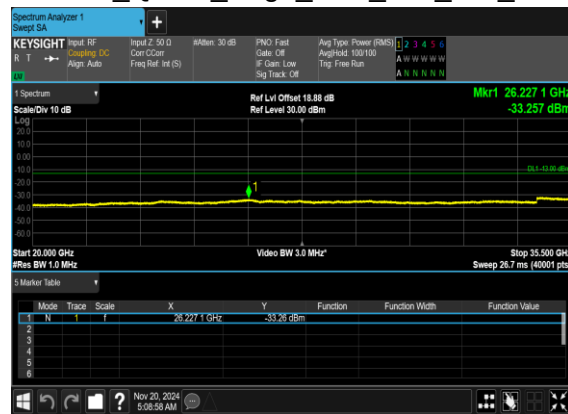
N77(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

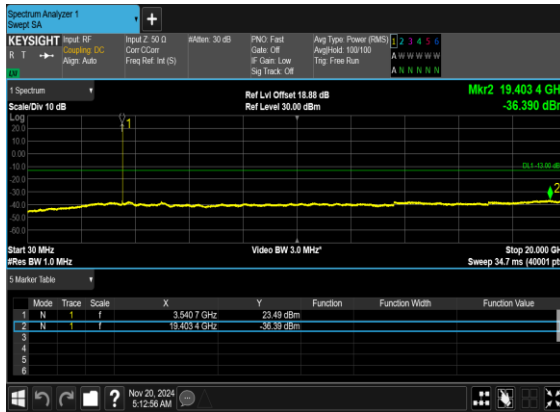


N77(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

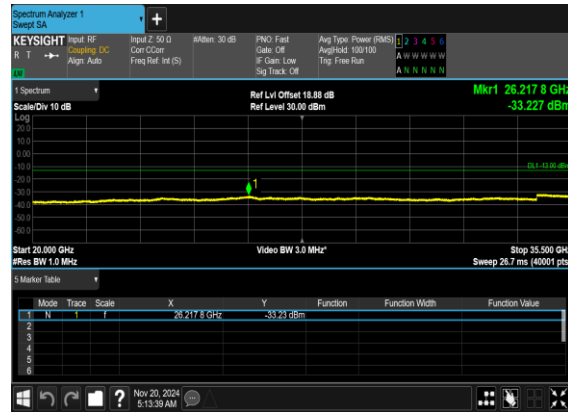




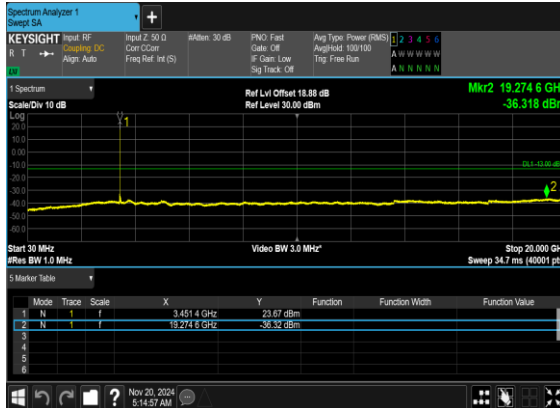
N77(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



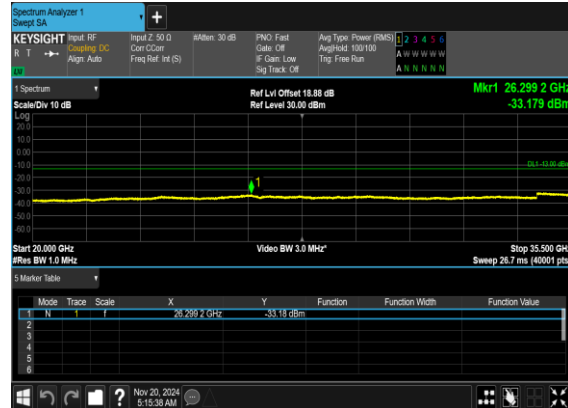
N77(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N77(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

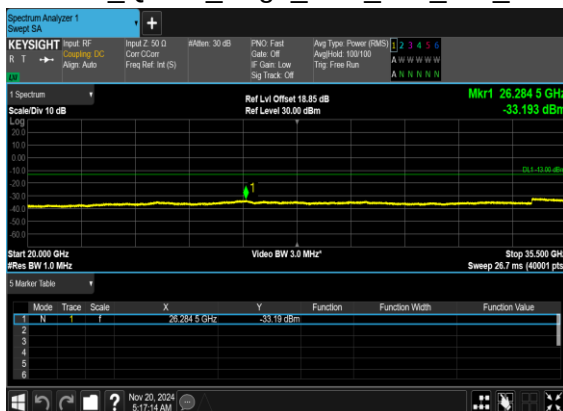




N77(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

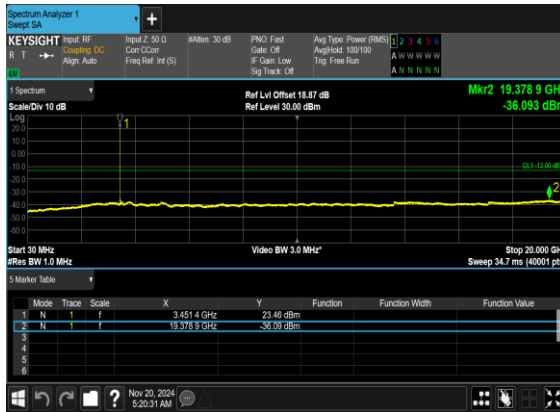


N77(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

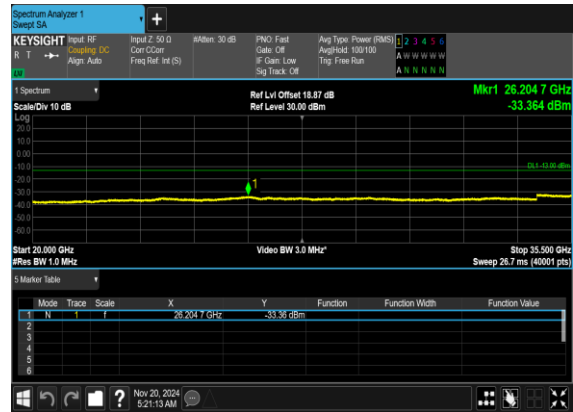




N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

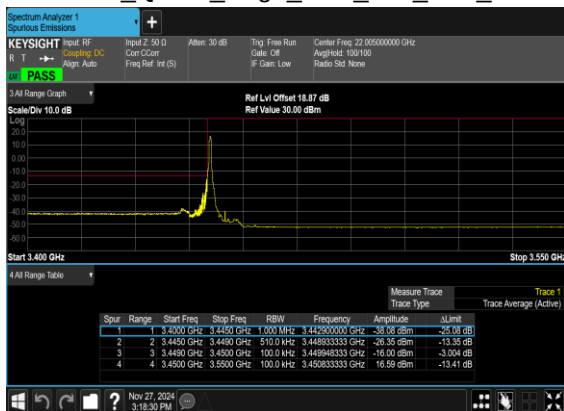


**Conducted Band Edge**

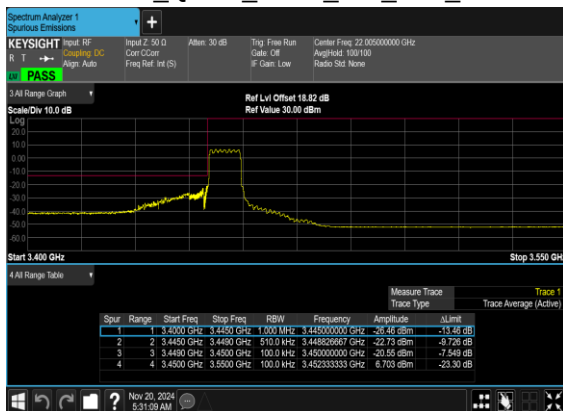
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation   | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|--------------|-------|-----------|---------|
| 77      | 30        | 10              | 630334 | 3455.01    | CP-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 10              | 630334 | 3455.01    | CP-OFDM QPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | CP-OFDM QPSK | 1@23  | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | CP-OFDM QPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | CP-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | CP-OFDM QPSK | 133@0 | see graph | PASS    |
| 77      | 30        | 50              | 635000 | 3525.0     | CP-OFDM QPSK | 1@132 | see graph | PASS    |
| 77      | 30        | 50              | 635000 | 3525.0     | CP-OFDM QPSK | 133@0 | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | CP-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | CP-OFDM QPSK | 1@272 | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | CP-OFDM QPSK | 273@0 | see graph | PASS    |



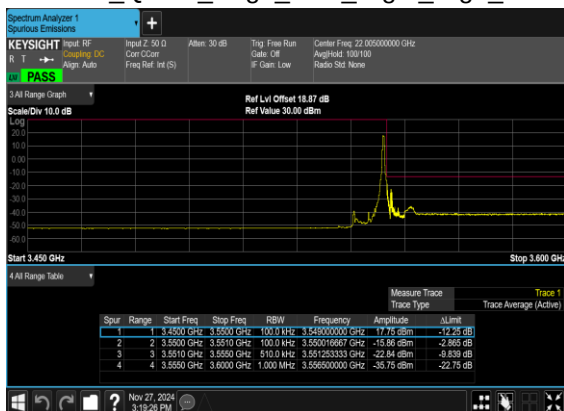
N77(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



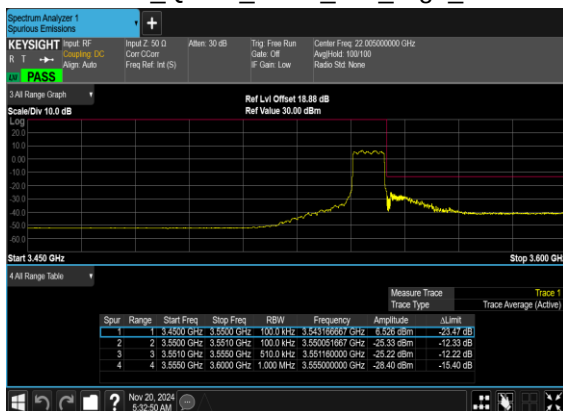
N77(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N77(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

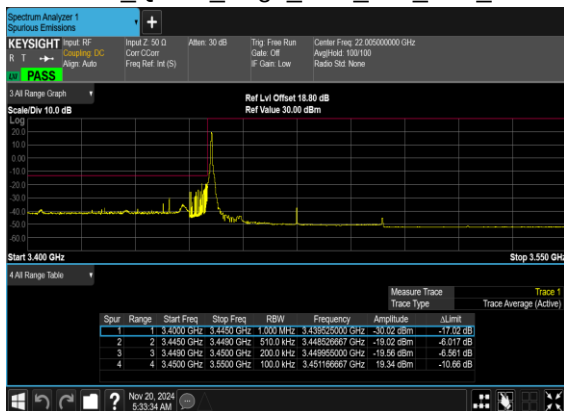


N77(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

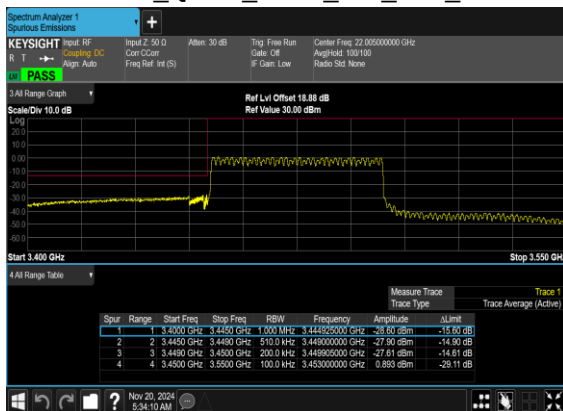




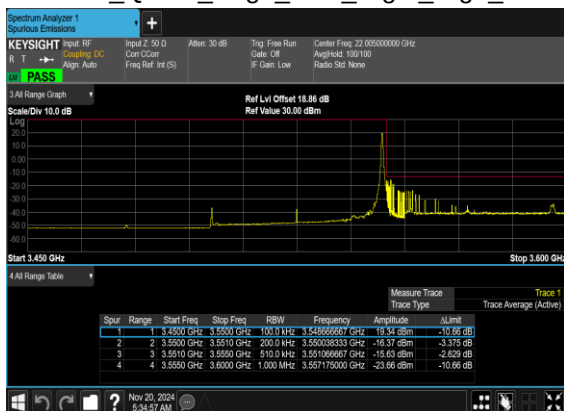
N77(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



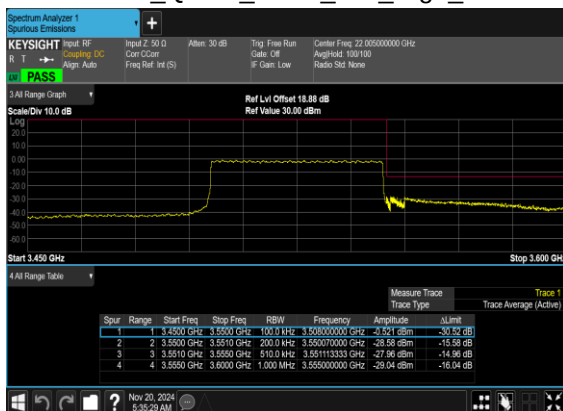
N77(50M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N77(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

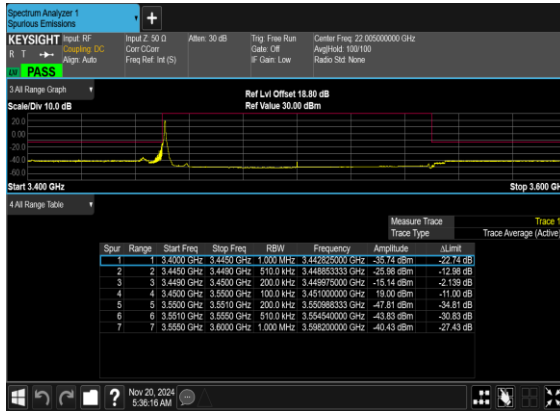


N77(50M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

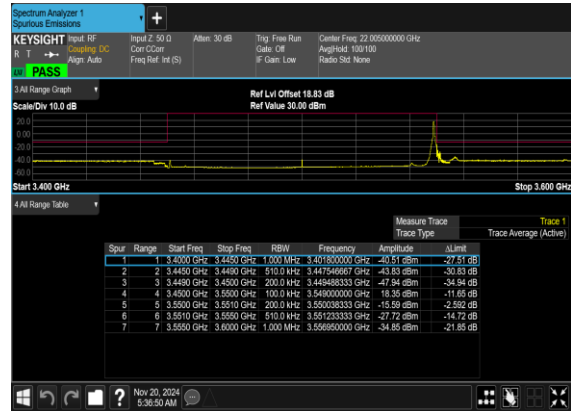




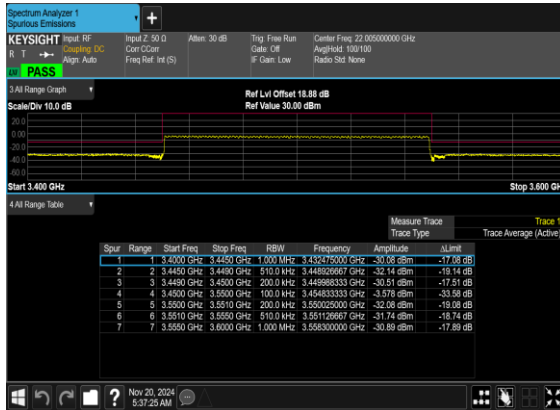
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



N77(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH





Software Version: 23.06.1602

## FR1 N78 MIMO ANT5+6

Transmitter Conducted Output Power And EIRP, ( $G_T - L_c$ )=-0.9 dB

| NR Band | SCS | Band Width | Arfcn  | Freq (MHz) | Modulation     | RB  | ANT5 Power (dBm) | ANT6 Power (dBm) | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----|------------|--------|------------|----------------|-----|------------------|------------------|-----------------------|------------|----------|
| 78      | 30  | 10         | 630334 | 3455.01    | CP-OFDM QPSK   | 1@1 | 21.34            | 21.87            | 24.62                 | 23.72      | 0.2355   |
| 78      | 30  | 10         | 630334 | 3455.01    | CP-OFDM 16 QAM | 1@1 | 20.9             | 21.08            | 24.00                 | 23.1       | 0.2042   |
| 78      | 30  | 10         | 633334 | 3500.01    | CP-OFDM QPSK   | 1@1 | 22.58            | 22.1             | 25.36                 | 24.46      | 0.2793   |
| 78      | 30  | 10         | 633334 | 3500.01    | CP-OFDM 16 QAM | 1@1 | 22.21            | 21.27            | 24.78                 | 23.88      | 0.2443   |
| 78      | 30  | 10         | 636332 | 3544.98    | CP-OFDM QPSK   | 1@1 | 22.9             | 21.8             | 25.40                 | 24.5       | 0.2818   |
| 78      | 30  | 10         | 636332 | 3544.98    | CP-OFDM 16 QAM | 1@1 | 22.55            | 21.22            | 24.95                 | 24.05      | 0.2541   |
| 78      | 30  | 15         | 630500 | 3457.5     | CP-OFDM QPSK   | 1@1 | 21.64            | 22.04            | 24.85                 | 23.95      | 0.2483   |
| 78      | 30  | 15         | 630500 | 3457.5     | CP-OFDM 16 QAM | 1@1 | 21.21            | 21.26            | 24.25                 | 23.35      | 0.2163   |
| 78      | 30  | 15         | 633334 | 3500.01    | CP-OFDM QPSK   | 1@1 | 22.49            | 22.04            | 25.28                 | 24.38      | 0.2742   |
| 78      | 30  | 15         | 633334 | 3500.01    | CP-OFDM 16 QAM | 1@1 | 22.05            | 21.4             | 24.75                 | 23.85      | 0.2427   |
| 78      | 30  | 15         | 636166 | 3542.49    | CP-OFDM QPSK   | 1@1 | 22.89            | 21.75            | 25.37                 | 24.47      | 0.2799   |
| 78      | 30  | 15         | 636166 | 3542.49    | CP-OFDM 16 QAM | 1@1 | 22.2             | 21.19            | 24.73                 | 23.83      | 0.2415   |
| 78      | 30  | 20         | 630668 | 3460.02    | CP-OFDM QPSK   | 1@1 | 21.63            | 22.11            | 24.89                 | 23.99      | 0.2506   |
| 78      | 30  | 20         | 630668 | 3460.02    | CP-OFDM 16 QAM | 1@1 | 21.27            | 21.31            | 24.30                 | 23.4       | 0.2188   |
| 78      | 30  | 20         | 633334 | 3500.01    | CP-OFDM QPSK   | 1@1 | 22.33            | 22.03            | 25.19                 | 24.29      | 0.2685   |
| 78      | 30  | 20         | 633334 | 3500.01    | CP-OFDM 16 QAM | 1@1 | 21.85            | 21.24            | 24.57                 | 23.67      | 0.2328   |
| 78      | 30  | 20         | 636000 | 3540       | CP-OFDM QPSK   | 1@1 | 22.68            | 21.87            | 25.30                 | 24.4       | 0.2754   |
| 78      | 30  | 20         | 636000 | 3540       | CP-OFDM 16 QAM | 1@1 | 22.23            | 21.09            | 24.71                 | 23.81      | 0.2404   |
| 78      | 30  | 25         | 630834 | 3462.51    | CP-OFDM QPSK   | 1@1 | 21.8             | 22.26            | 25.05                 | 24.15      | 0.2600   |
| 78      | 30  | 25         | 630834 | 3462.51    | CP-OFDM 16 QAM | 1@1 | 21.24            | 21.69            | 24.48                 | 23.58      | 0.2280   |
| 78      | 30  | 25         | 633334 | 3500.01    | CP-OFDM QPSK   | 1@1 | 23               | 22.24            | 25.65                 | 24.75      | 0.2985   |
| 78      | 30  | 25         | 633334 | 3500.01    | CP-OFDM 16 QAM | 1@1 | 22.63            | 21.51            | 25.12                 | 24.22      | 0.2642   |
| 78      | 30  | 25         | 635832 | 3537.48    | CP-OFDM QPSK   | 1@1 | 22.81            | 22.07            | 25.47                 | 24.57      | 0.2864   |
| 78      | 30  | 25         | 635832 | 3537.48    | CP-OFDM 16 QAM | 1@1 | 22.7             | 21.23            | 25.04                 | 24.14      | 0.2594   |
| 78      | 30  | 30         | 631000 | 3465       | CP-OFDM QPSK   | 1@1 | 22.17            | 22.39            | 25.29                 | 24.39      | 0.2748   |
| 78      | 30  | 30         | 631000 | 3465       | CP-OFDM 16 QAM | 1@1 | 21.77            | 21.63            | 24.71                 | 23.81      | 0.2404   |
| 78      | 30  | 30         | 633334 | 3500.01    | CP-OFDM QPSK   | 1@1 | 22.97            | 22.34            | 25.68                 | 24.78      | 0.3006   |
| 78      | 30  | 30         | 633334 | 3500.01    | CP-OFDM 16 QAM | 1@1 | 22.75            | 21.58            | 25.21                 | 24.31      | 0.2698   |
| 78      | 30  | 30         | 635666 | 3534.99    | CP-OFDM QPSK   | 1@1 | 23.05            | 22.18            | 25.65                 | 24.75      | 0.2985   |
| 78      | 30  | 30         | 635666 | 3534.99    | CP-OFDM 16 QAM | 1@1 | 22.36            | 21.38            | 24.91                 | 24.01      | 0.2518   |
| 78      | 30  | 40         | 631334 | 3470.01    | CP-OFDM QPSK   | 1@1 | 21.43            | 22.15            | 24.82                 | 23.92      | 0.2466   |
| 78      | 30  | 40         | 631334 | 3470.01    | CP-OFDM 16 QAM | 1@1 | 20.97            | 21.45            | 24.23                 | 23.33      | 0.2153   |
| 78      | 30  | 40         | 633334 | 3500.01    | CP-OFDM QPSK   | 1@1 | 22.85            | 22.28            | 25.58                 | 24.68      | 0.2938   |
| 78      | 30  | 40         | 633334 | 3500.01    | CP-OFDM 16 QAM | 1@1 | 22.43            | 21.37            | 24.94                 | 24.04      | 0.2535   |
| 78      | 30  | 40         | 635332 | 3529.98    | CP-OFDM QPSK   | 1@1 | 23.13            | 22.18            | 25.69                 | 24.79      | 0.3013   |
| 78      | 30  | 40         | 635332 | 3529.98    | CP-OFDM 16 QAM | 1@1 | 22.73            | 21.35            | 25.10                 | 24.2       | 0.2630   |
| 78      | 30  | 50         | 631668 | 3475.02    | CP-OFDM QPSK   | 1@1 | 22.17            | 22.43            | 25.31                 | 24.41      | 0.2761   |
| 78      | 30  | 50         | 631668 | 3475.02    | CP-OFDM 16 QAM | 1@1 | 22.49            | 21.65            | 25.10                 | 24.2       | 0.2630   |



|    |    |     |        |         |                 |        |       |       |       |       |        |
|----|----|-----|--------|---------|-----------------|--------|-------|-------|-------|-------|--------|
| 78 | 30 | 50  | 633334 | 3500.01 | CP-OFDM QPSK    | 1@1    | 23.07 | 22.44 | 25.78 | 24.88 | 0.3076 |
| 78 | 30 | 50  | 633334 | 3500.01 | CP-OFDM 16 QAM  | 1@1    | 22.41 | 21.68 | 25.07 | 24.17 | 0.2612 |
| 78 | 30 | 50  | 635000 | 3525    | CP-OFDM QPSK    | 1@1    | 23.02 | 22.46 | 25.76 | 24.86 | 0.3062 |
| 78 | 30 | 50  | 635000 | 3525    | CP-OFDM 16 QAM  | 1@1    | 22.56 | 21.58 | 25.11 | 24.21 | 0.2636 |
| 78 | 30 | 60  | 632000 | 3480    | CP-OFDM QPSK    | 1@1    | 21.45 | 22.37 | 24.94 | 24.04 | 0.2535 |
| 78 | 30 | 60  | 632000 | 3480    | CP-OFDM 16 QAM  | 1@1    | 21.03 | 21.64 | 24.36 | 23.46 | 0.2218 |
| 78 | 30 | 60  | 633334 | 3500.01 | CP-OFDM QPSK    | 1@1    | 22.35 | 22.31 | 25.34 | 24.44 | 0.2780 |
| 78 | 30 | 60  | 633334 | 3500.01 | CP-OFDM 16 QAM  | 1@1    | 21.89 | 21.59 | 24.75 | 23.85 | 0.2427 |
| 78 | 30 | 60  | 634666 | 3519.99 | CP-OFDM QPSK    | 1@1    | 22.38 | 22.31 | 25.36 | 24.46 | 0.2793 |
| 78 | 30 | 60  | 634666 | 3519.99 | CP-OFDM 16 QAM  | 1@1    | 22    | 21.57 | 24.80 | 23.9  | 0.2455 |
| 78 | 30 | 70  | 632334 | 3485.01 | CP-OFDM QPSK    | 1@1    | 22.93 | 22.44 | 25.70 | 24.8  | 0.3020 |
| 78 | 30 | 70  | 632334 | 3485.01 | CP-OFDM 16 QAM  | 1@1    | 22.39 | 21.58 | 25.01 | 24.11 | 0.2576 |
| 78 | 30 | 70  | 633334 | 3500.01 | CP-OFDM QPSK    | 1@1    | 23.04 | 22.4  | 25.74 | 24.84 | 0.3048 |
| 78 | 30 | 70  | 633334 | 3500.01 | CP-OFDM 16 QAM  | 1@1    | 22.3  | 21.74 | 25.04 | 24.14 | 0.2594 |
| 78 | 30 | 70  | 634332 | 3514.98 | CP-OFDM QPSK    | 1@1    | 23.01 | 22.54 | 25.79 | 24.89 | 0.3083 |
| 78 | 30 | 70  | 634332 | 3514.98 | CP-OFDM 16 QAM  | 1@1    | 22.54 | 21.77 | 25.18 | 24.28 | 0.2679 |
| 78 | 30 | 80  | 632668 | 3490.02 | CP-OFDM QPSK    | 1@1    | 22.98 | 22.55 | 25.78 | 24.88 | 0.3076 |
| 78 | 30 | 80  | 632668 | 3490.02 | CP-OFDM 16 QAM  | 1@1    | 22.27 | 21.64 | 24.98 | 24.08 | 0.2559 |
| 78 | 30 | 80  | 633334 | 3500.01 | CP-OFDM QPSK    | 1@1    | 22.94 | 22.53 | 25.75 | 24.85 | 0.3055 |
| 78 | 30 | 80  | 633334 | 3500.01 | CP-OFDM 16 QAM  | 1@1    | 22.31 | 21.85 | 25.10 | 24.2  | 0.2630 |
| 78 | 30 | 80  | 634000 | 3510    | CP-OFDM QPSK    | 1@1    | 23    | 22.54 | 25.79 | 24.89 | 0.3083 |
| 78 | 30 | 80  | 634000 | 3510    | CP-OFDM 16 QAM  | 1@1    | 22.22 | 21.74 | 25.00 | 24.1  | 0.2570 |
| 78 | 30 | 90  | 633000 | 3495    | CP-OFDM QPSK    | 1@1    | 23.08 | 22.62 | 25.87 | 24.97 | 0.3141 |
| 78 | 30 | 90  | 633000 | 3495    | CP-OFDM 16 QAM  | 1@1    | 22.52 | 21.82 | 25.19 | 24.29 | 0.2685 |
| 78 | 30 | 90  | 633334 | 3500.01 | CP-OFDM QPSK    | 1@1    | 23.19 | 22.52 | 25.88 | 24.98 | 0.3148 |
| 78 | 30 | 90  | 633334 | 3500.01 | CP-OFDM 16 QAM  | 1@1    | 22.27 | 21.95 | 25.12 | 24.22 | 0.2642 |
| 78 | 30 | 90  | 633666 | 3504.99 | CP-OFDM QPSK    | 1@1    | 23.22 | 22.51 | 25.89 | 24.99 | 0.3155 |
| 78 | 30 | 90  | 633666 | 3504.99 | CP-OFDM 16 QAM  | 1@1    | 22.38 | 22.02 | 25.21 | 24.31 | 0.2698 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK    | 137@68 | 22.18 | 21.92 | 25.06 | 24.16 | 0.2606 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK    | 1@1    | 23.01 | 22.76 | 25.90 | 25    | 0.3162 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK    | 1@271  | 22.93 | 21.79 | 25.41 | 24.51 | 0.2825 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM  | 137@68 | 22.49 | 21.64 | 25.10 | 24.2  | 0.2630 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM  | 1@1    | 22.67 | 22.01 | 25.36 | 24.46 | 0.2793 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM  | 1@271  | 21.99 | 21.02 | 24.54 | 23.64 | 0.2312 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM  | 137@68 | 20.9  | 20.17 | 23.56 | 22.66 | 0.1845 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM  | 1@1    | 21.09 | 20.46 | 23.80 | 22.9  | 0.1950 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM  | 1@271  | 20.68 | 19.57 | 23.17 | 22.27 | 0.1687 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 137@68 | 18.81 | 17.17 | 21.08 | 20.18 | 0.1042 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 1@1    | 18.03 | 17.8  | 20.93 | 20.03 | 0.1007 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 1@271  | 17.66 | 16.82 | 20.27 | 19.37 | 0.0865 |

## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |            |                     |         |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Smile Wang | Temperature :       | 23~25°C |
|                 |            | Relative Humidity : | 41~42%  |

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

| n77 SA / NR 100MHz / QPSK(ANT10) |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                          | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                           | 6912              | -64.07       | -13           | -51.07            | -74.28             | 3.03                 | 13.24                 | H                  |
|                                  | 10368             | -61.90       | -13           | -48.90            | -71.35             | 3.56                 | 13.01                 | H                  |
|                                  | 13824             | -60.25       | -13           | -47.25            | -69.77             | 3.92                 | 13.44                 | H                  |
|                                  | 6912              | -63.68       | -13           | -50.68            | -73.89             | 3.03                 | 13.24                 | V                  |
|                                  | 10368             | -61.94       | -13           | -48.94            | -71.39             | 3.56                 | 13.01                 | V                  |
|                                  | 13824             | -60.44       | -13           | -47.44            | -69.96             | 3.92                 | 13.44                 | V                  |

| EN-DC_41A_n77A / LTE 10MHz + NR 100MHz / QPSK(ANT5+10) |                   |              |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                 | 6912              | -64.15       | -13           | -51.15            | -74.36             | 3.03                 | 13.24                 | H                  |
|                                                        | 10368             | -61.33       | -13           | -48.33            | -70.78             | 3.56                 | 13.01                 | H                  |
|                                                        | 13824             | -60.05       | -13           | -47.05            | -69.57             | 3.92                 | 13.44                 | H                  |
|                                                        | 6912              | -64.15       | -13           | -51.15            | -74.36             | 3.03                 | 13.24                 | V                  |
|                                                        | 10368             | -61.82       | -13           | -48.82            | -71.27             | 3.56                 | 13.01                 | V                  |
|                                                        | 13824             | -60.22       | -13           | -47.22            | -69.74             | 3.92                 | 13.44                 | V                  |

| n77 UL MIMO / 100MHz / QPSK(ANT10+4) |                   |              |               |                   |                    |                      |                       |                    |
|--------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                              | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                               | 7594              | -62.80       | -13           | -49.80            | -73.01             | 3.03                 | 13.24                 | H                  |
|                                      | 11389             | -61.41       | -13           | -48.41            | -70.86             | 3.56                 | 13.01                 | H                  |
|                                      | 15184             | -59.45       | -13           | -46.45            | -68.97             | 3.92                 | 13.44                 | H                  |
|                                      | 7594              | -62.89       | -13           | -49.89            | -73.10             | 3.03                 | 13.24                 | V                  |
|                                      | 11389             | -61.21       | -13           | -48.21            | -70.66             | 3.56                 | 13.01                 | V                  |
|                                      | 15184             | -58.87       | -13           | -45.87            | -68.39             | 3.92                 | 13.44                 | V                  |

| n77 SA / NR 100MHz / QPSK(ANT6) - Other PA |                      |                 |                  |                         |                          |                            |                             |                       |
|--------------------------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                     | 6912                 | -63.86          | -13              | -50.86                  | -74.07                   | 3.03                       | 13.24                       | H                     |
|                                            | 10368                | -61.59          | -13              | -48.59                  | -71.04                   | 3.56                       | 13.01                       | H                     |
|                                            | 13824                | -60.06          | -13              | -47.06                  | -69.58                   | 3.92                       | 13.44                       | H                     |
|                                            | 6912                 | -63.97          | -13              | -50.97                  | -74.18                   | 3.03                       | 13.24                       | V                     |
|                                            | 10368                | -61.53          | -13              | -48.53                  | -70.98                   | 3.56                       | 13.01                       | V                     |
|                                            | 13824                | -60.08          | -13              | -47.08                  | -69.60                   | 3.92                       | 13.44                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.