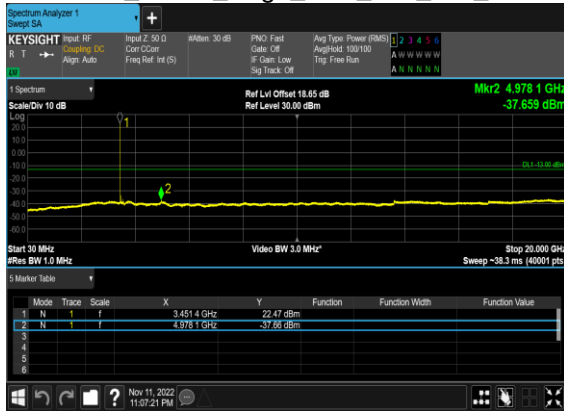
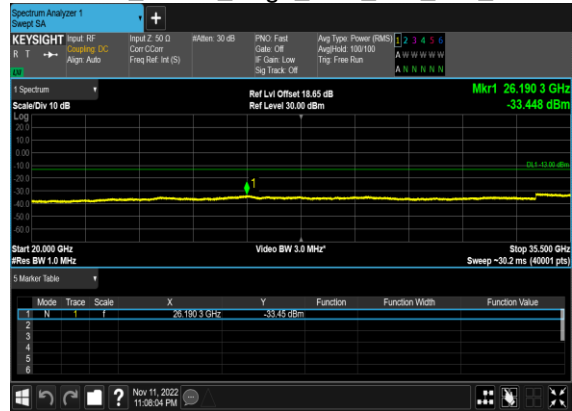


N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



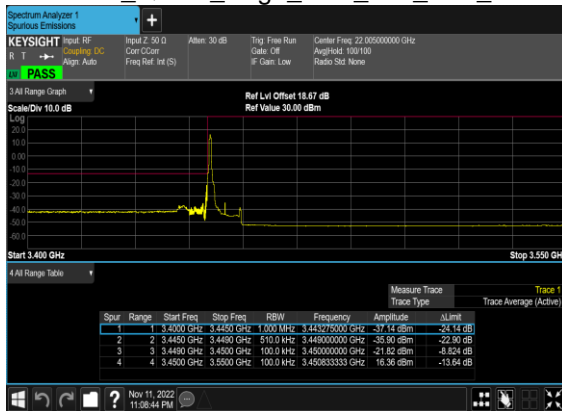
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



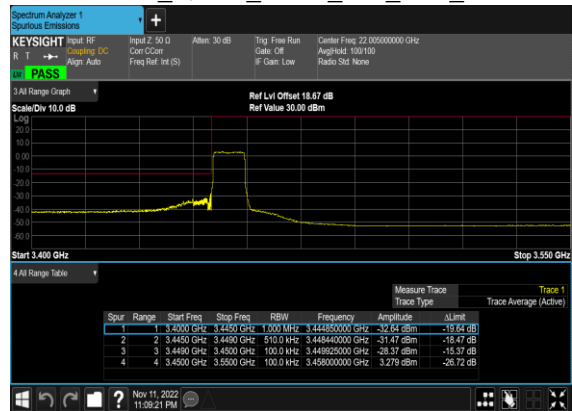
Conducted Band Edge

| 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 |

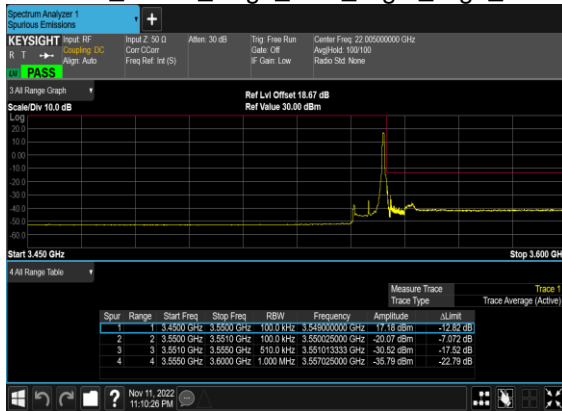
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



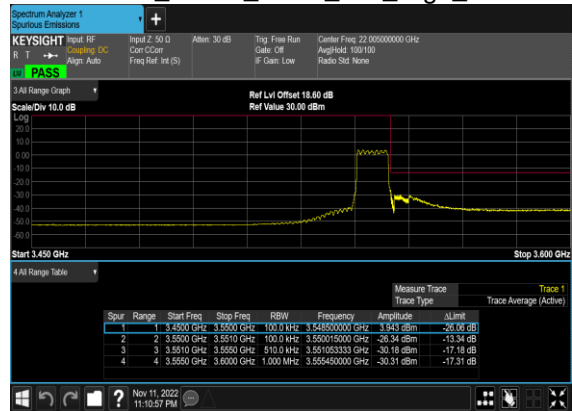
N77(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



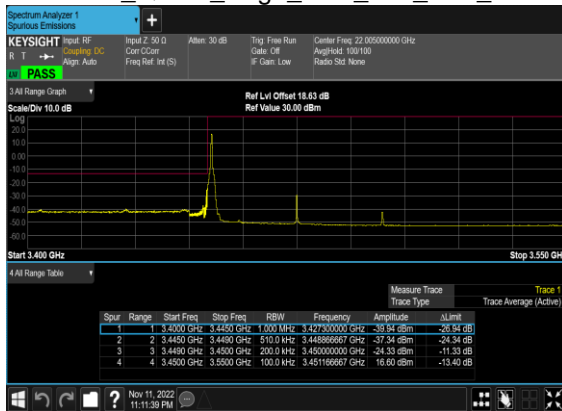
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



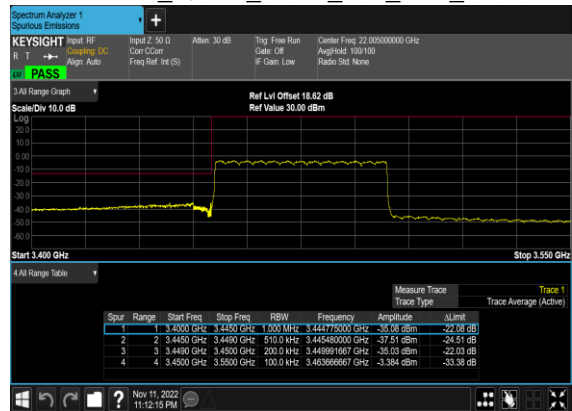
N77(10M)_CP-OFDM_QPSK_Outer_Full_High_CH



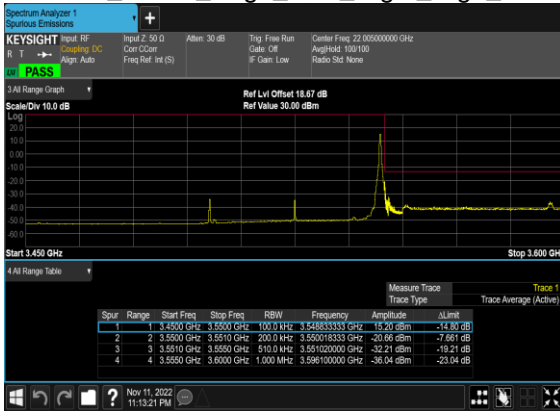
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



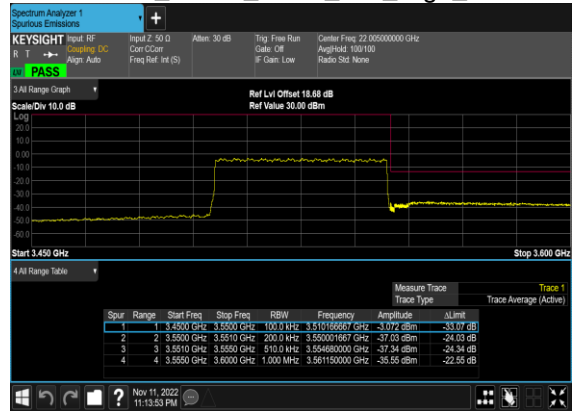
N77(50M)_CP-OFDM_QPSK_Outer_Full_Low_CH



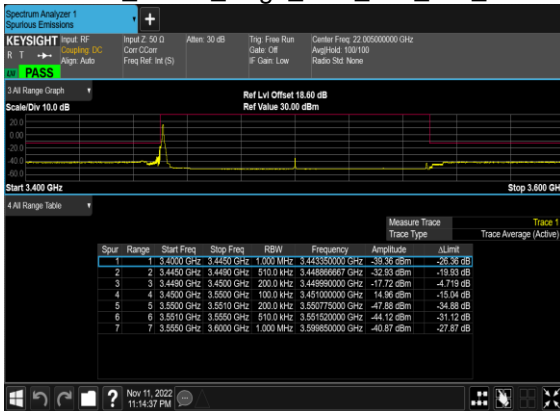
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



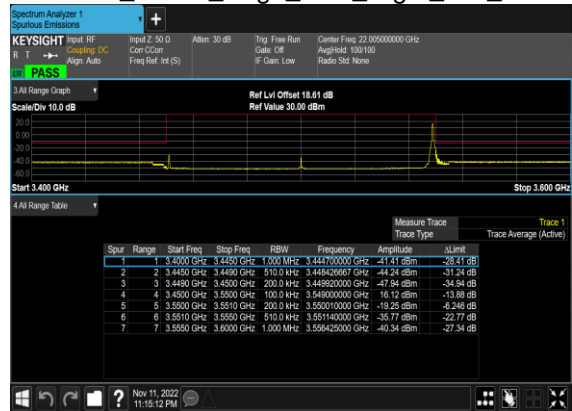
N77(50M)_CP- OFDM_QPSK_Outer_Full_High_CH



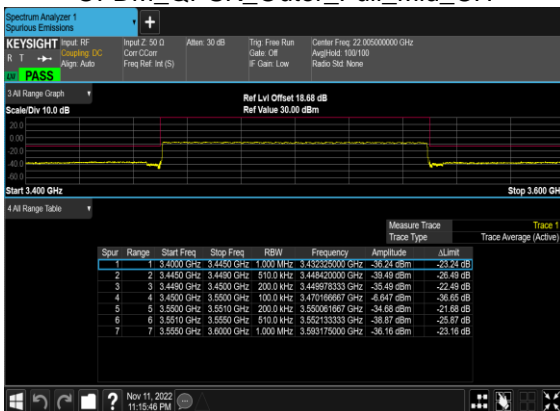
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



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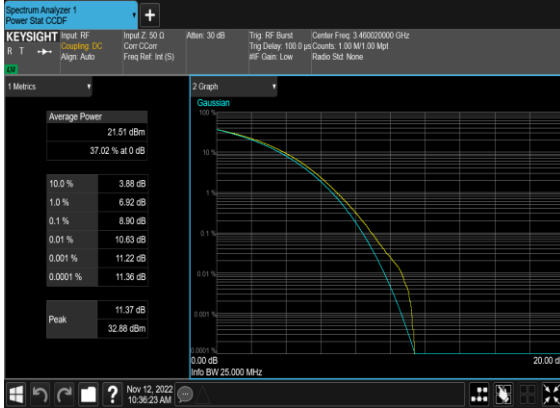
Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|--------------|------|-----------------|---------|-------------|
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0047 | PASS | NV |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0066 | PASS | LV |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0049 | PASS | HV |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0053 | PASS | -30°C |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0060 | PASS | -20°C |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0025 | PASS | -10°C |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0044 | PASS | 0°C |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0056 | PASS | 10°C |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0047 | PASS | 20°C |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0064 | PASS | 30°C |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0036 | PASS | 40°C |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 0.0020 | PASS | 50°C |

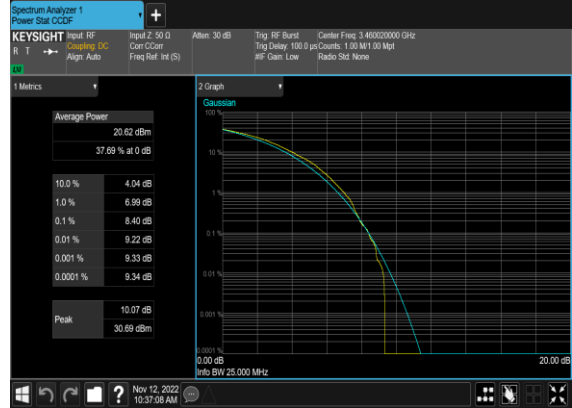
Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|--------------|------|-------------|------------|---------|
| 77 | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 51@0 | 8.9 | 13 | PASS |
| 77 | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@0 | 8.4 | 13 | PASS |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 8.89 | 13 | PASS |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | 8.32 | 13 | PASS |
| 77 | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 51@0 | 9.07 | 13 | PASS |
| 77 | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 1@0 | 8.17 | 13 | PASS |

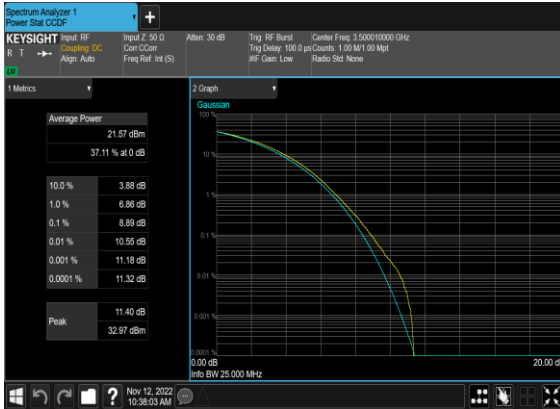
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



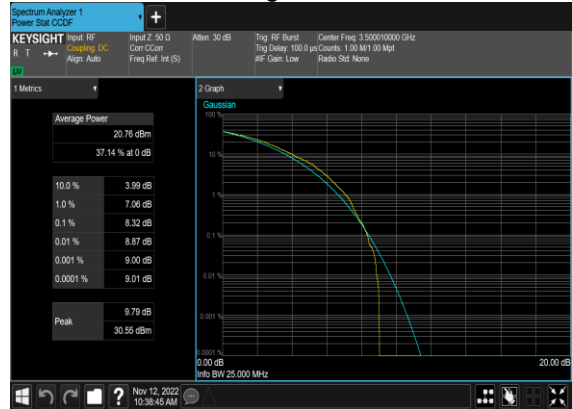
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

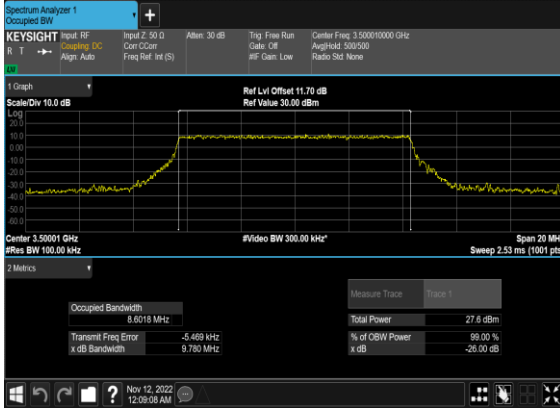


Occupied Bandwidth

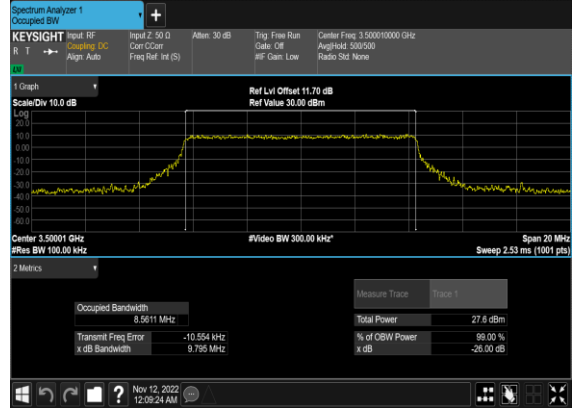
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | OBW (MHz) | 26dB OBW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|----------------|
| 77 | 30 | 10 | 633334 | 3500.01 | CP-OFDM QPSK | 24@0 | 8.6018 | 9.78 |
| 77 | 30 | 10 | 633334 | 3500.01 | CP-OFDM 16 QAM | 24@0 | 8.5611 | 9.795 |
| 77 | 30 | 10 | 633334 | 3500.01 | CP-OFDM 64 QAM | 24@0 | 8.5695 | 9.885 |
| 77 | 30 | 10 | 633334 | 3500.01 | CP-OFDM 256 QAM | 24@0 | 8.5673 | 9.479 |
| 77 | 30 | 15 | 633334 | 3500.01 | CP-OFDM QPSK | 38@0 | 13.558 | 14.75 |
| 77 | 30 | 15 | 633334 | 3500.01 | CP-OFDM 16 QAM | 38@0 | 13.565 | 14.92 |
| 77 | 30 | 15 | 633334 | 3500.01 | CP-OFDM 64 QAM | 38@0 | 13.578 | 14.95 |
| 77 | 30 | 15 | 633334 | 3500.01 | CP-OFDM 256 QAM | 38@0 | 13.547 | 14.96 |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 18.227 | 19.64 |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM 16 QAM | 51@0 | 18.188 | 19.67 |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM 64 QAM | 51@0 | 18.216 | 19.61 |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM 256 QAM | 51@0 | 18.187 | 19.16 |
| 77 | 30 | 30 | 633334 | 3500.01 | CP-OFDM QPSK | 78@0 | 27.799 | 29.34 |
| 77 | 30 | 30 | 633334 | 3500.01 | CP-OFDM 16 QAM | 78@0 | 27.809 | 29.24 |
| 77 | 30 | 30 | 633334 | 3500.01 | CP-OFDM 64 QAM | 78@0 | 27.834 | 29.42 |
| 77 | 30 | 30 | 633334 | 3500.01 | CP-OFDM 256 QAM | 78@0 | 27.777 | 28.94 |
| 77 | 30 | 40 | 633334 | 3500.01 | CP-OFDM QPSK | 106@0 | 37.826 | 39.69 |
| 77 | 30 | 40 | 633334 | 3500.01 | CP-OFDM 16 QAM | 106@0 | 37.801 | 39.63 |
| 77 | 30 | 40 | 633334 | 3500.01 | CP-OFDM 64 QAM | 106@0 | 37.823 | 39.44 |
| 77 | 30 | 40 | 633334 | 3500.01 | CP-OFDM 256 QAM | 106@0 | 37.836 | 39.74 |
| 77 | 30 | 50 | 633334 | 3500.01 | CP-OFDM QPSK | 133@0 | 47.398 | 49.74 |
| 77 | 30 | 50 | 633334 | 3500.01 | CP-OFDM 16 QAM | 133@0 | 47.494 | 49.27 |
| 77 | 30 | 50 | 633334 | 3500.01 | CP-OFDM 64 QAM | 133@0 | 47.498 | 49.19 |
| 77 | 30 | 50 | 633334 | 3500.01 | CP-OFDM 256 QAM | 133@0 | 47.51 | 49.43 |
| 77 | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 162@0 | 57.795 | 60.14 |
| 77 | 30 | 60 | 633334 | 3500.01 | CP-OFDM 16 QAM | 162@0 | 57.907 | 59.99 |
| 77 | 30 | 60 | 633334 | 3500.01 | CP-OFDM 64 QAM | 162@0 | 57.794 | 60.31 |
| 77 | 30 | 60 | 633334 | 3500.01 | CP-OFDM 256 QAM | 162@0 | 57.817 | 59.97 |
| 77 | 30 | 70 | 633334 | 3500.01 | CP-OFDM QPSK | 189@0 | 67.483 | 69.83 |
| 77 | 30 | 70 | 633334 | 3500.01 | CP-OFDM 16 QAM | 189@0 | 67.55 | 70.34 |
| 77 | 30 | 70 | 633334 | 3500.01 | CP-OFDM 64 QAM | 189@0 | 67.469 | 69.63 |
| 77 | 30 | 70 | 633334 | 3500.01 | CP-OFDM | 189@0 | 67.514 | 69.53 |

| 256 QAM | | | | | | | | | |
|-----------|----|-----|--------|---------|--------------------|-------|--------|-------|--|
| 77 | 30 | 80 | 633334 | 3500.01 | CP-OFDM QPSK | 217@0 | 77.625 | 80.41 | |
| 77 | 30 | 80 | 633334 | 3500.01 | CP-OFDM 16 QAM | 217@0 | 77.465 | 80.05 | |
| 77 | 30 | 80 | 633334 | 3500.01 | CP-OFDM 64 QAM | 217@0 | 77.502 | 80.0 | |
| 77 | 30 | 80 | 633334 | 3500.01 | CP-OFDM 256 QAM | 217@0 | 77.49 | 80.36 | |
| 77 | 30 | 90 | 633334 | 3500.01 | CP-OFDM QPSK | 245@0 | 87.491 | 90.35 | |
| 77 | 30 | 90 | 633334 | 3500.01 | CP-OFDM 16 QAM | 245@0 | 87.463 | 90.36 | |
| 77 | 30 | 90 | 633334 | 3500.01 | CP-OFDM 64 QAM | 245@0 | 87.504 | 90.06 | |
| 77 | 30 | 90 | 633334 | 3500.01 | CP-OFDM 256 QAM | 245@0 | 87.418 | 90.49 | |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 97.555 | 100.6 | |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 273@0 | 97.267 | 100.6 | |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 273@0 | 97.298 | 100.7 | |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 273@0 | 96.994 | 100.4 | |

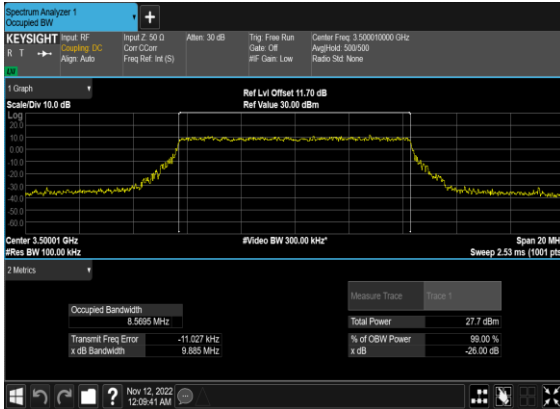
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



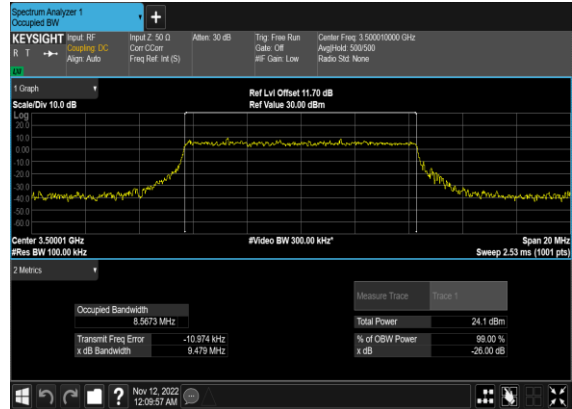
N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



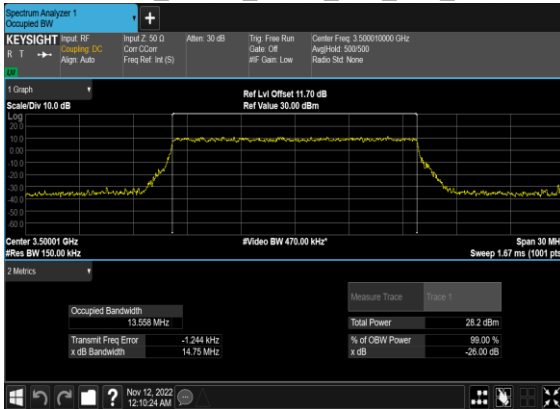
N77(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



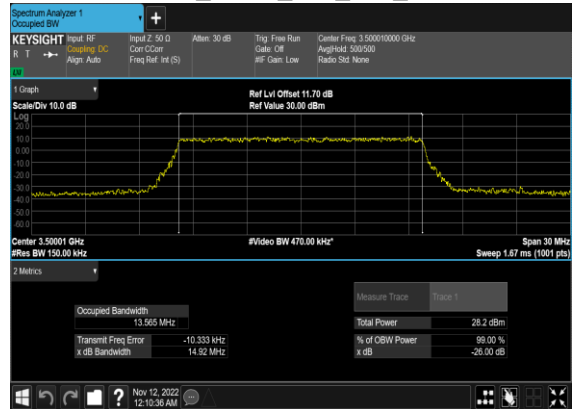
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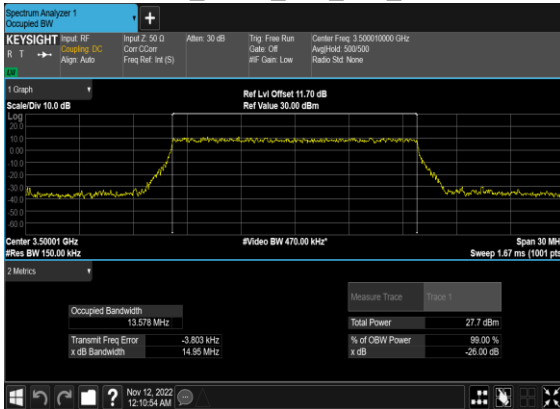
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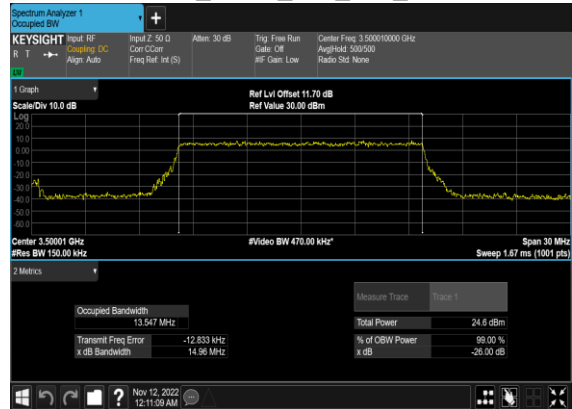
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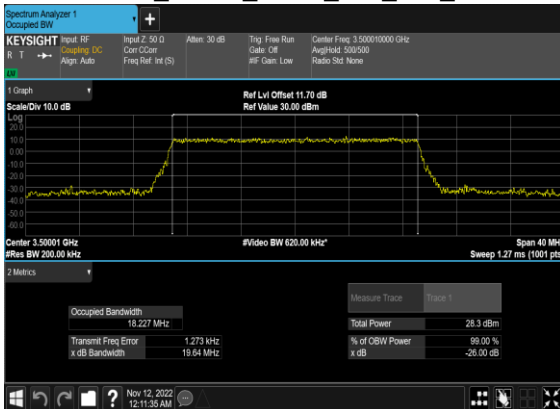
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QAM_Outer_Full_Mid_CH



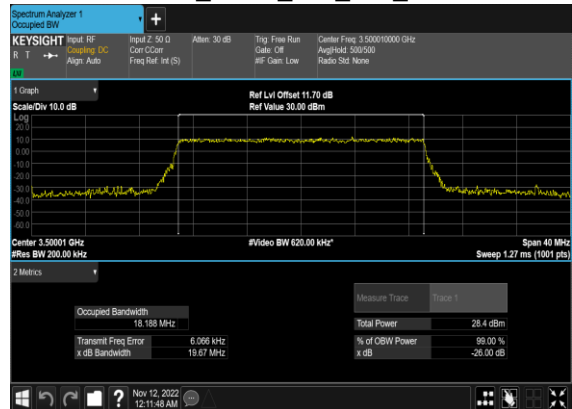
N77(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



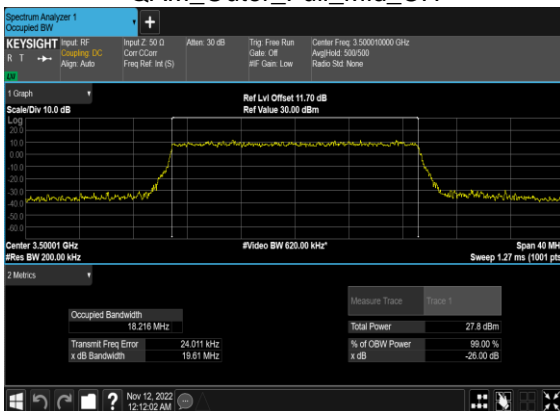
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



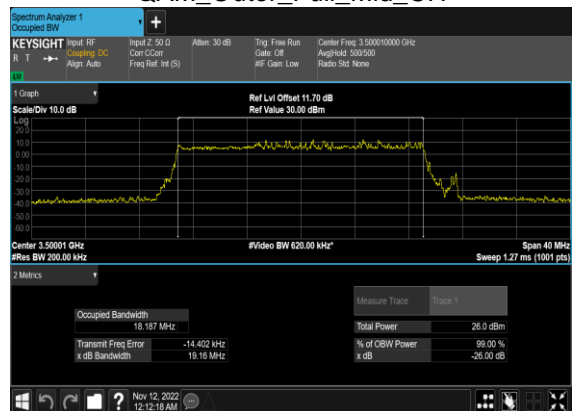
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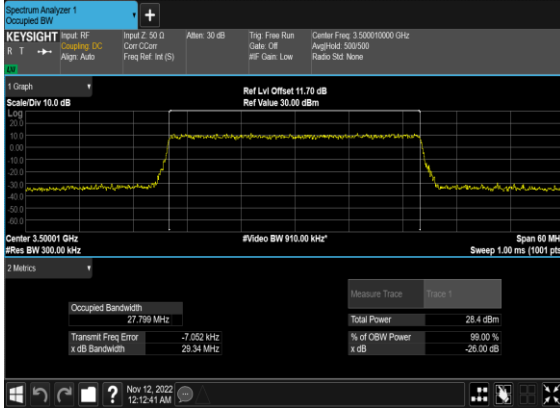
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QAM_Outer_Full_Mid_CH



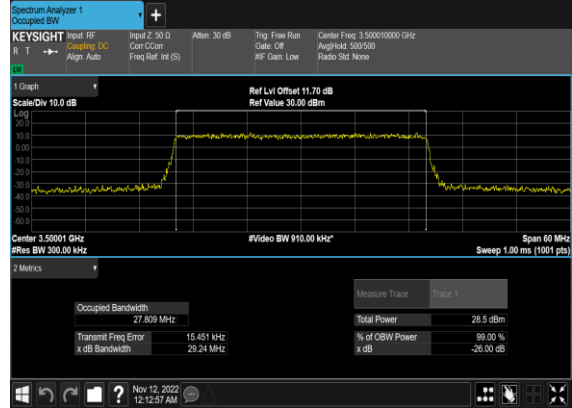
N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



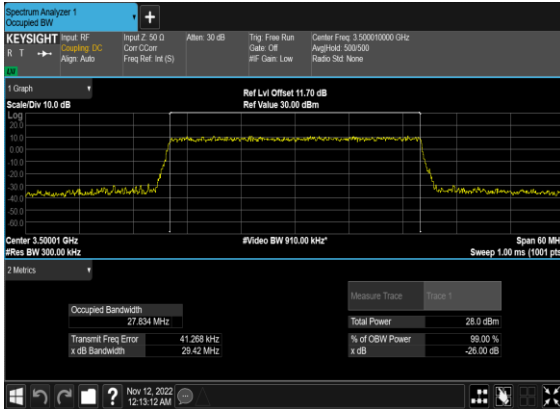
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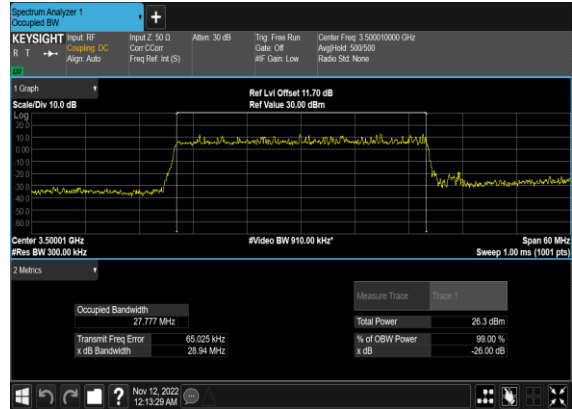
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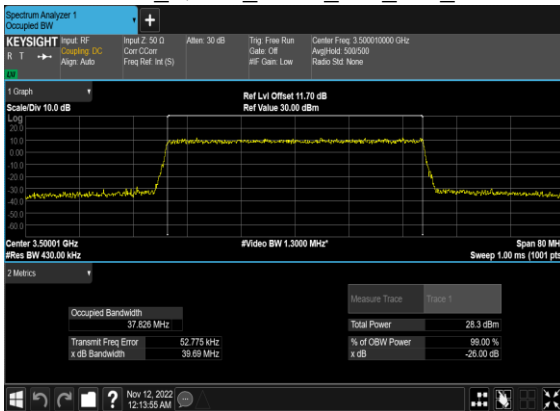
N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



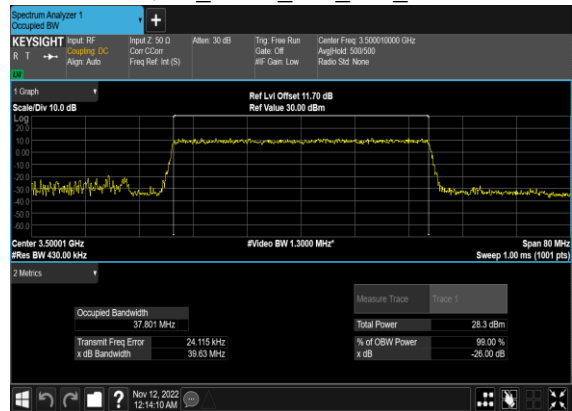
N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



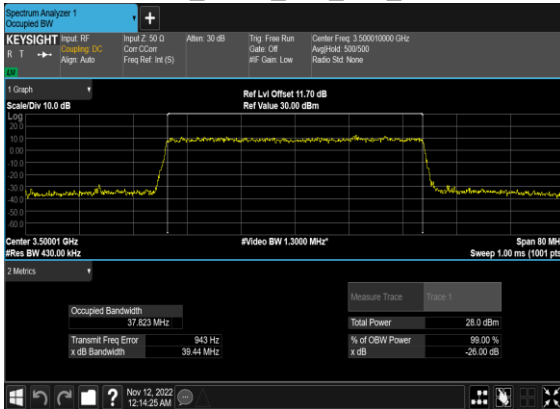
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



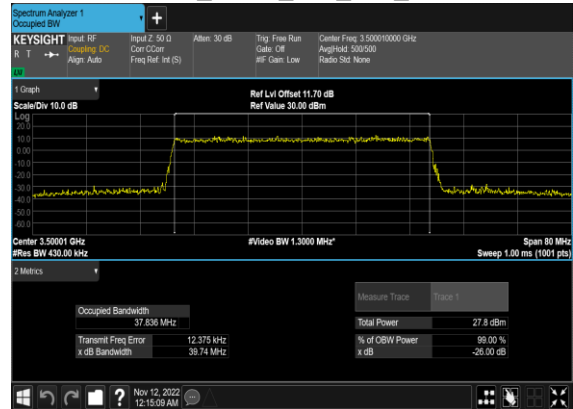
N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



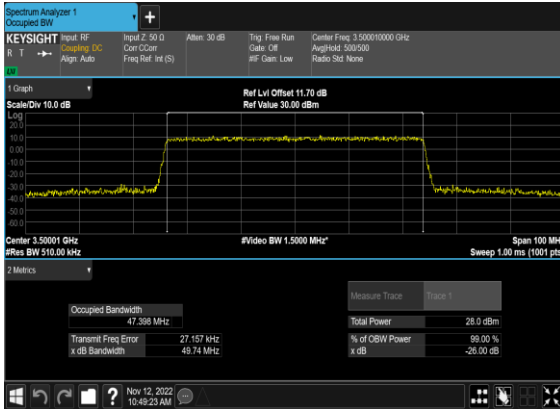
N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



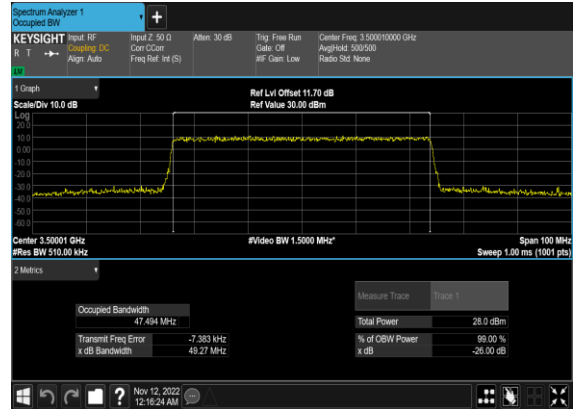
N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



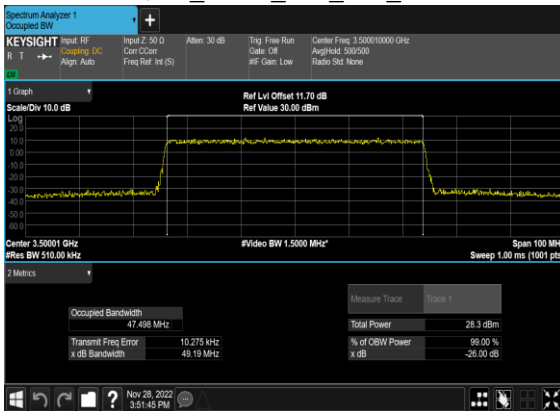
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



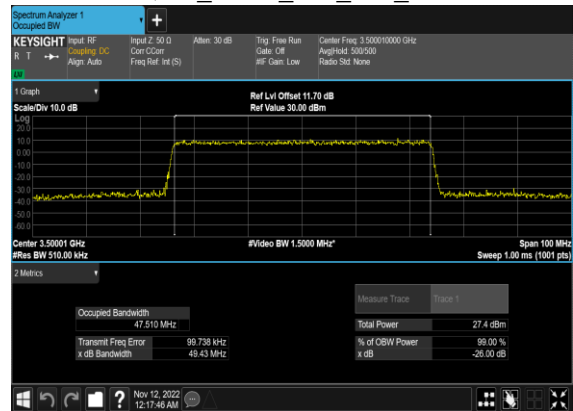
N77(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



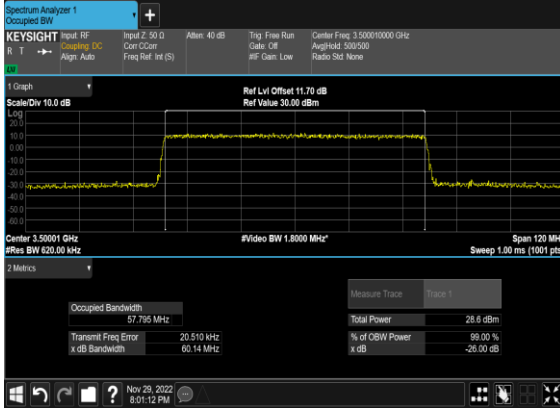
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QAM_Outer_Full_Mid_CH



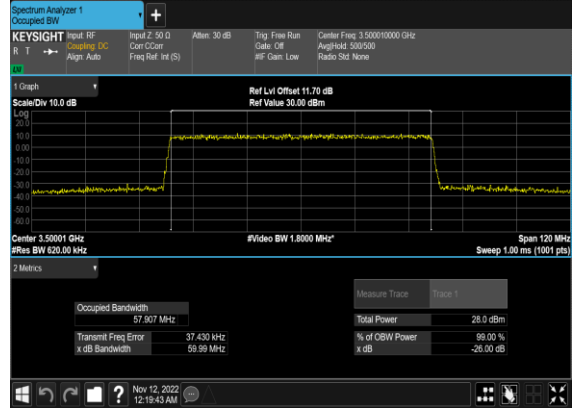
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QAM_Outer_Full_Mid_CH



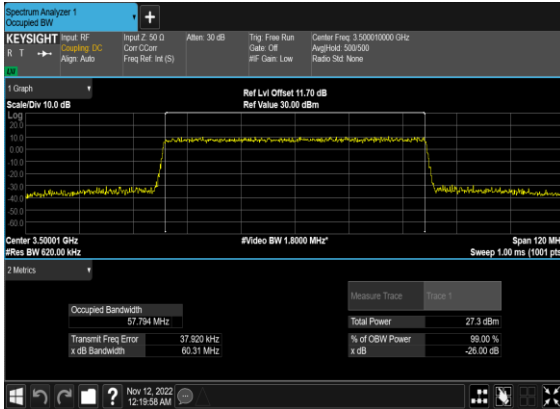
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



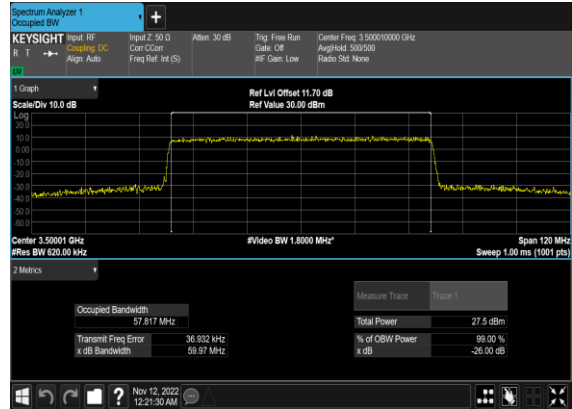
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



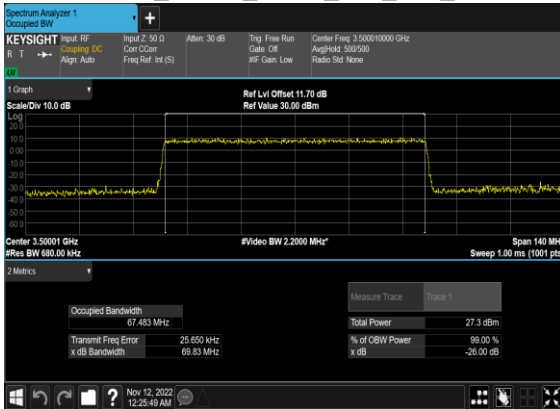
N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



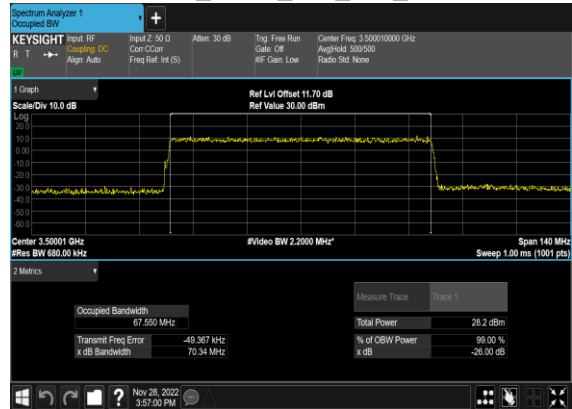
N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



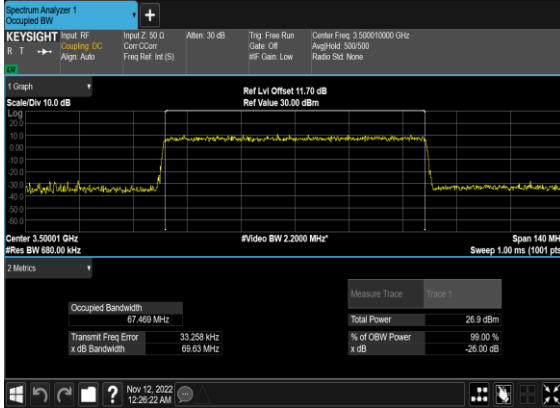
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



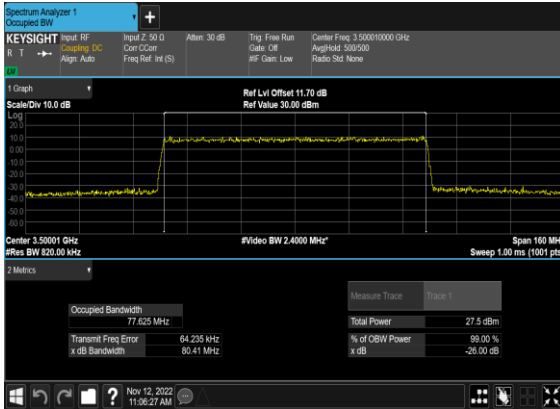
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



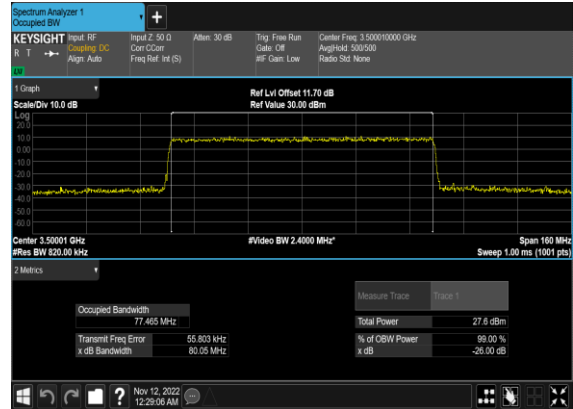
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



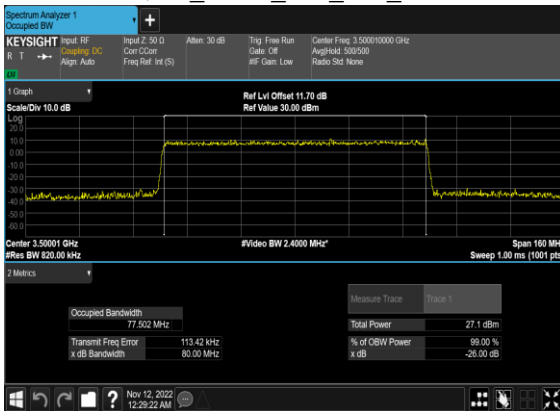
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



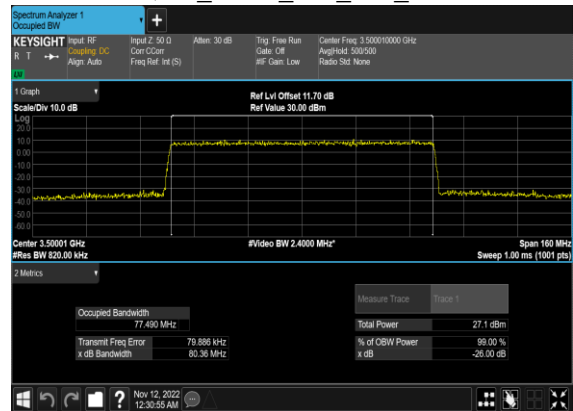
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



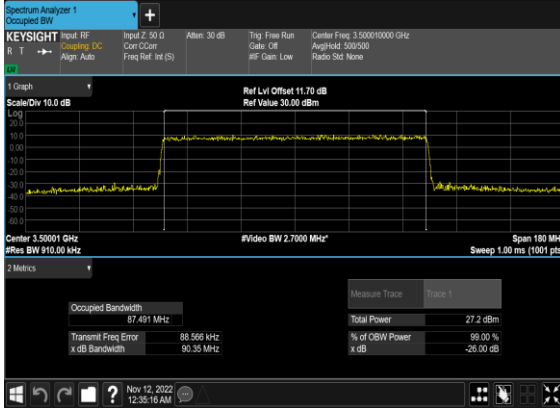
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



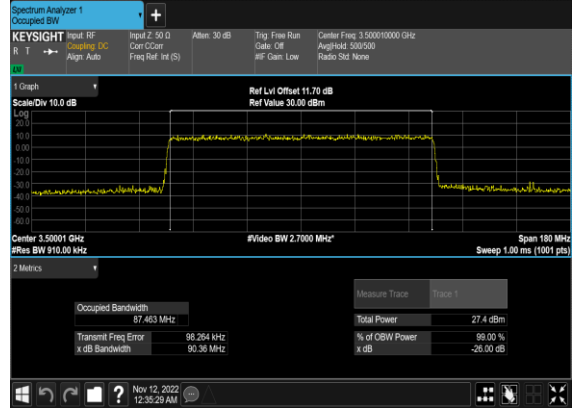
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



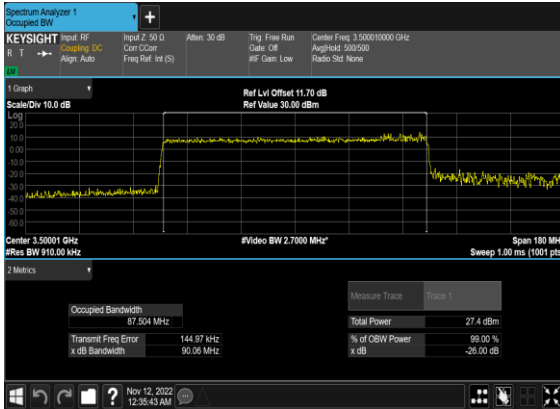
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



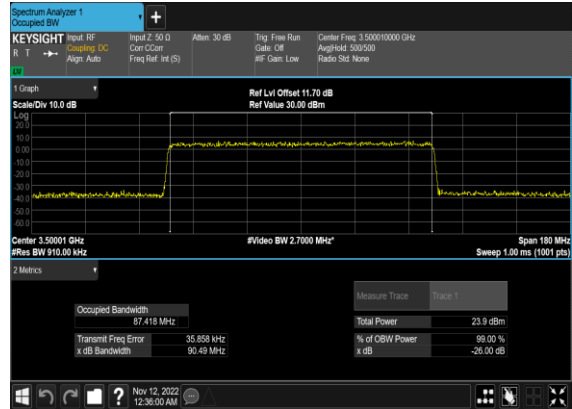
N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



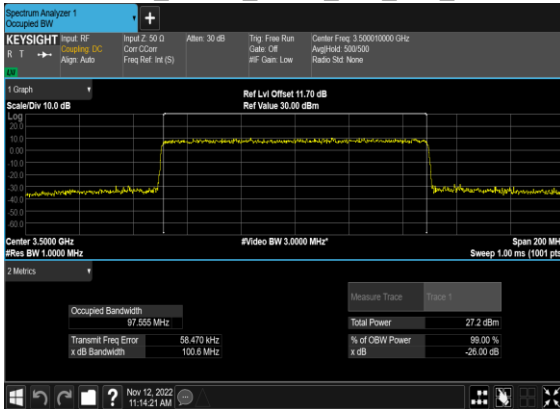
N77(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



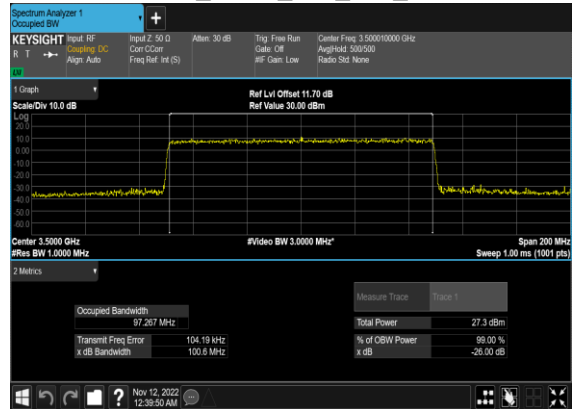
N77(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



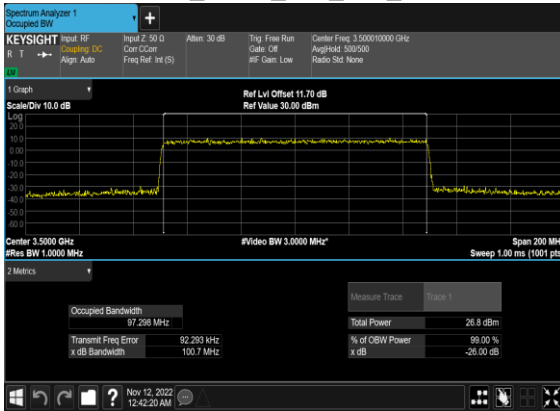
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



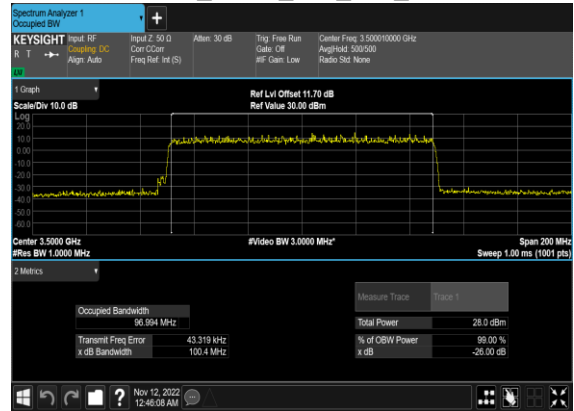
N77(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



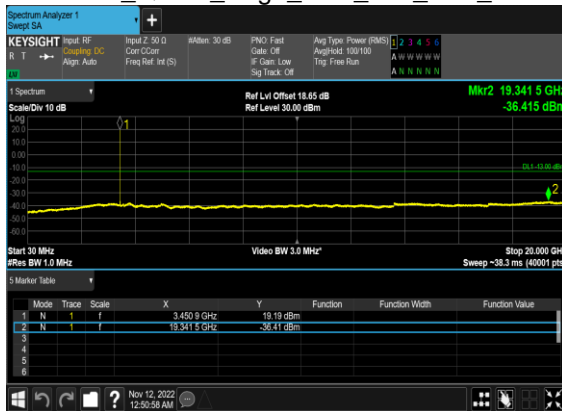
N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



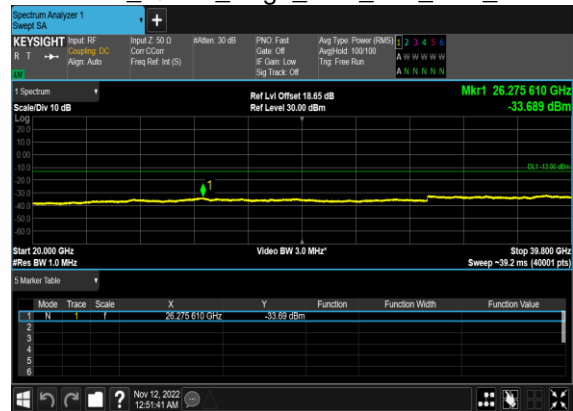
Conducted Spurious Emissions

| 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 QPSK | 1@0 | see graph | PASS |

N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



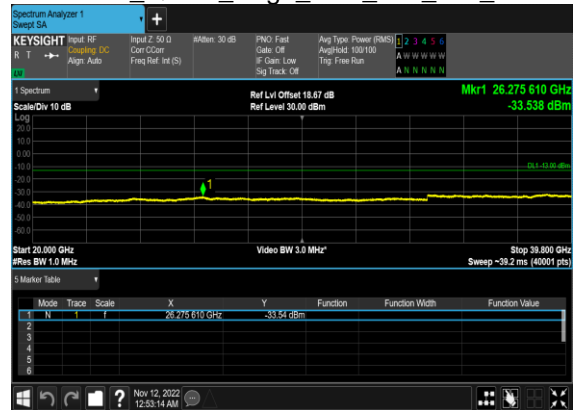
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



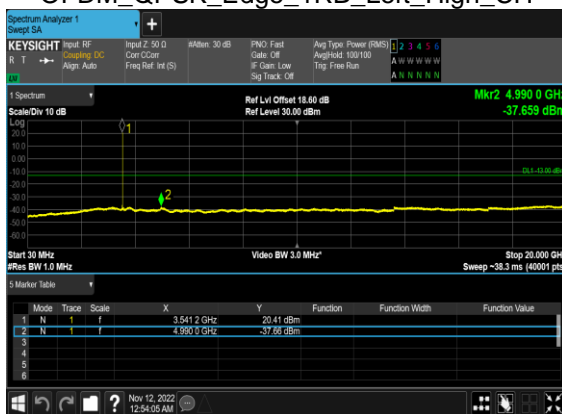
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



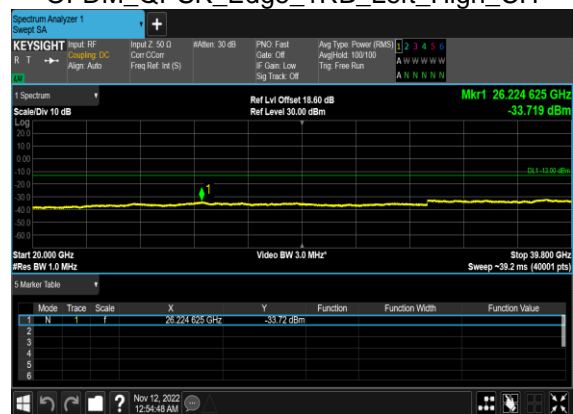
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



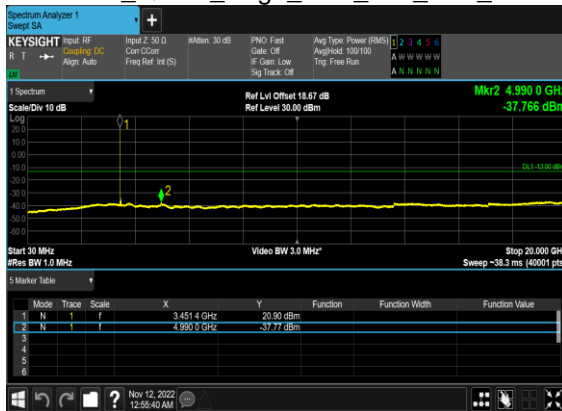
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



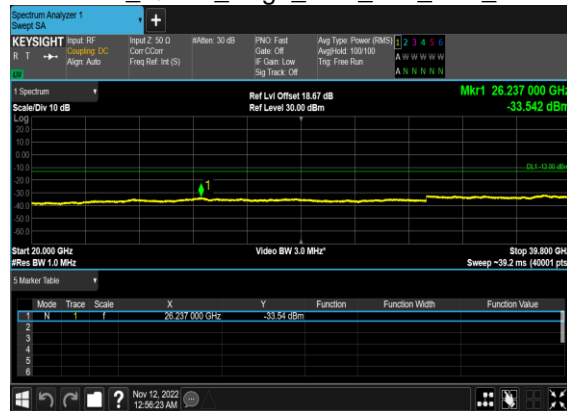
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



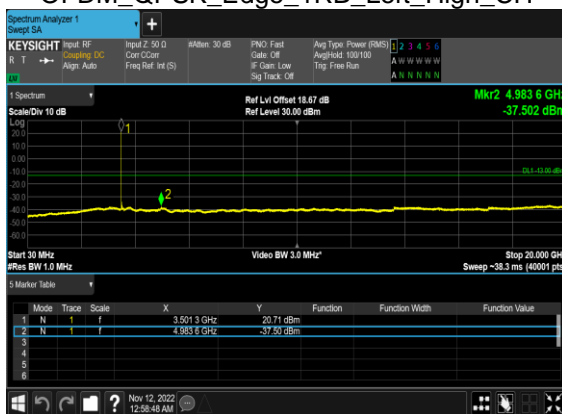
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



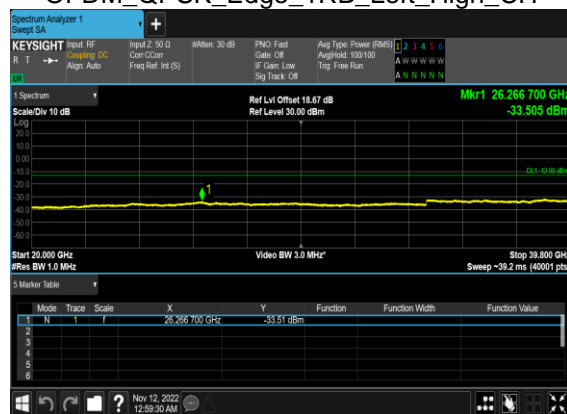
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



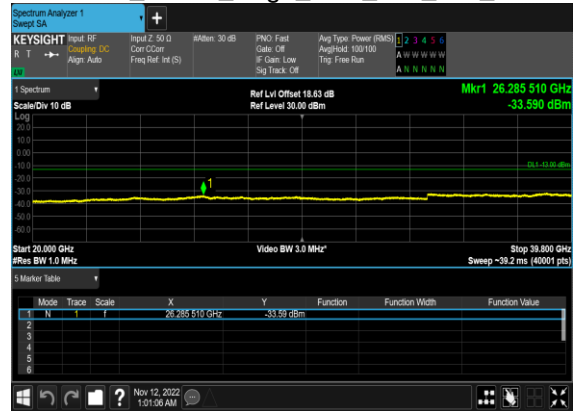
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



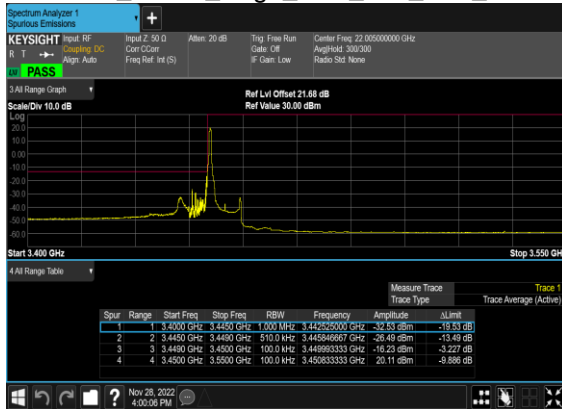
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



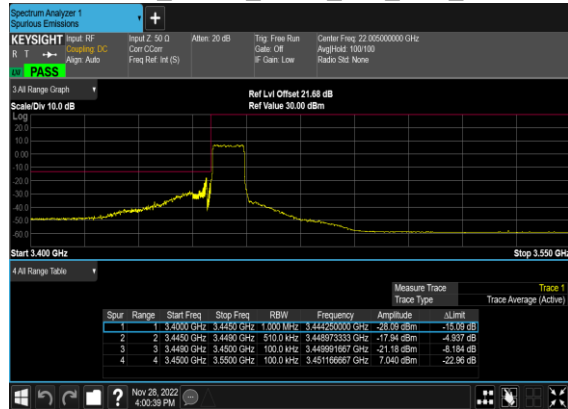
Conducted Band Edge

| 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 |

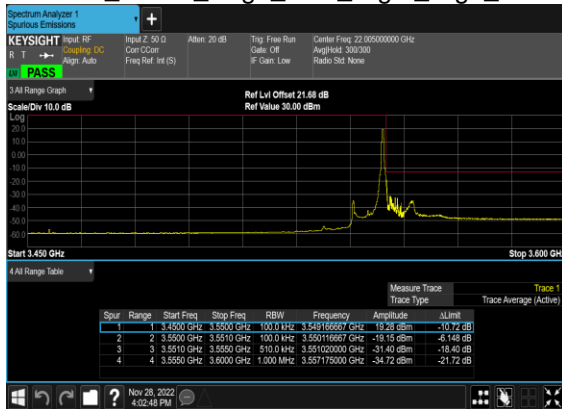
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



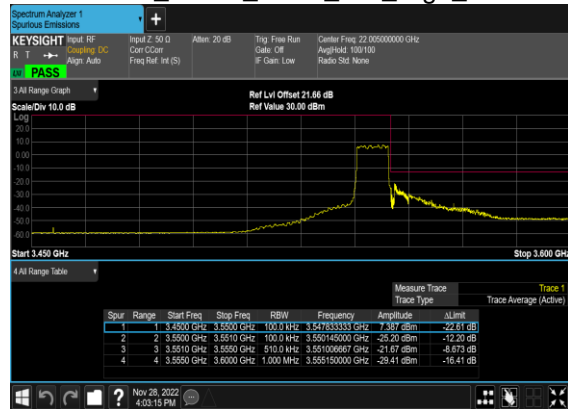
N77(10M)_CP- OFDM_QPSK_Outer_Full_Low_CH



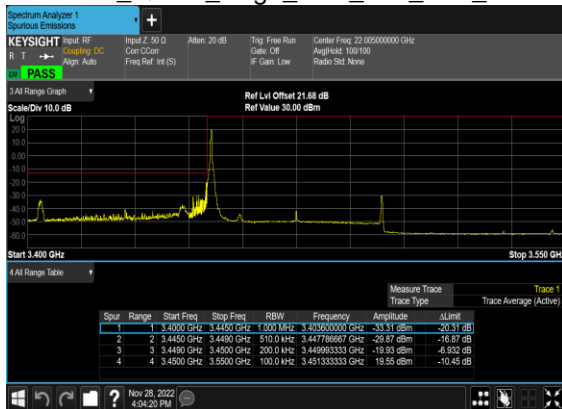
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



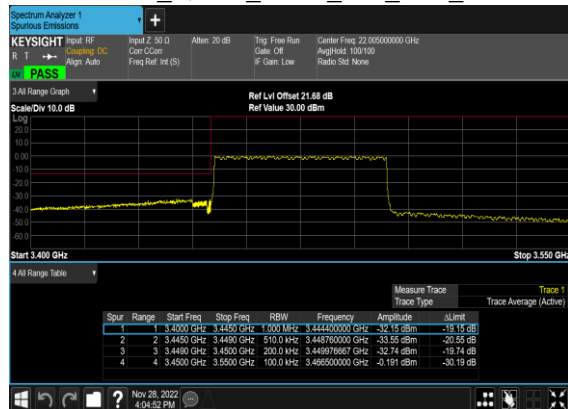
N77(10M)_CP- OFDM_QPSK_Outer_Full_High_CH



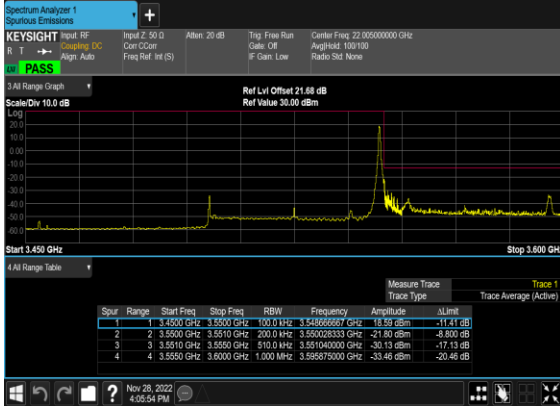
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



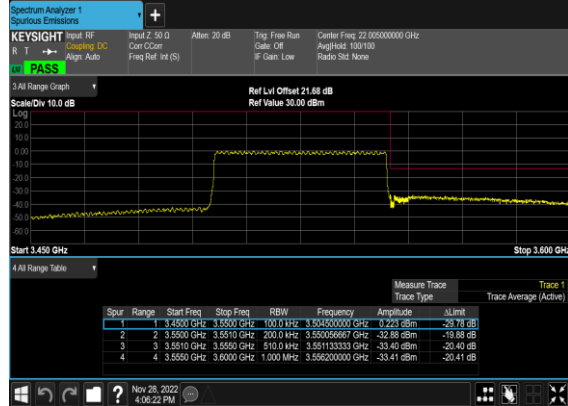
N77(50M)_CP- OFDM_QPSK_Outer_Full_Low_CH



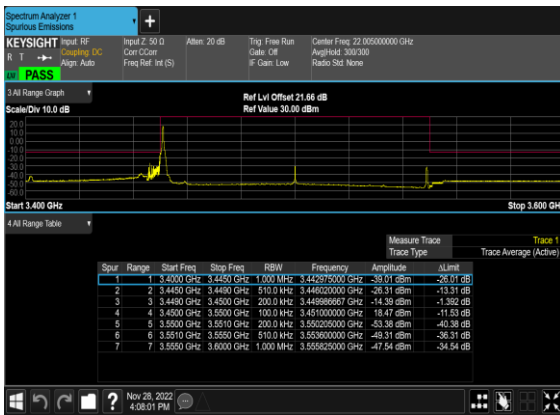
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



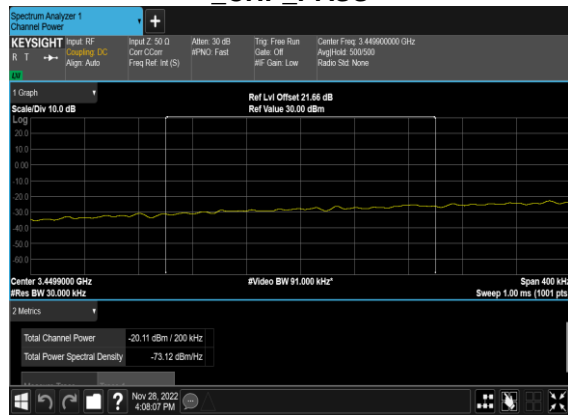
N77(50M)_CP- OFDM_QPSK_Outer_Full_High_CH



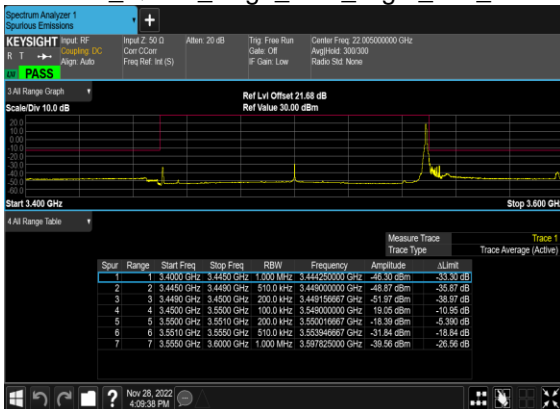
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



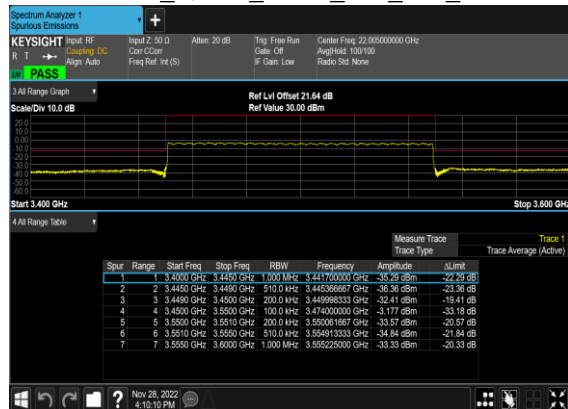
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH CHP PASS



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



FR1 N78(ANT6)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-2dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-------------------|-----|-----------------------|------------|----------|
| 78 | 30 | 10 | 630334 | 3455.01 | DFT-s-OFDM QPSK | 1@1 | 25.01 | 23.01 | 0.2000 |
| 78 | 30 | 10 | 630334 | 3455.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.09 | 22.09 | 0.1618 |
| 78 | 30 | 10 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 25.17 | 23.17 | 0.2075 |
| 78 | 30 | 10 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.26 | 22.26 | 0.1683 |
| 78 | 30 | 10 | 636332 | 3544.98 | DFT-s-OFDM QPSK | 1@1 | 25.12 | 23.12 | 0.2051 |
| 78 | 30 | 10 | 636332 | 3544.98 | DFT-s-OFDM 16 QAM | 1@1 | 24.16 | 22.16 | 0.1644 |
| 78 | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@1 | 25.14 | 23.14 | 0.2061 |
| 78 | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 16 QAM | 1@1 | 24.25 | 22.25 | 0.1679 |
| 78 | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 25.29 | 23.29 | 0.2133 |
| 78 | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.35 | 22.35 | 0.1718 |
| 78 | 30 | 20 | 636000 | 3540 | DFT-s-OFDM QPSK | 1@1 | 25.26 | 23.26 | 0.2118 |
| 78 | 30 | 20 | 636000 | 3540 | DFT-s-OFDM 16 QAM | 1@1 | 24.42 | 22.42 | 0.1746 |
| 78 | 30 | 30 | 631000 | 3465 | DFT-s-OFDM QPSK | 1@1 | 25.23 | 23.23 | 0.2104 |
| 78 | 30 | 30 | 631000 | 3465 | DFT-s-OFDM 16 QAM | 1@1 | 24.31 | 22.31 | 0.1702 |
| 78 | 30 | 30 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 25.22 | 23.22 | 0.2099 |
| 78 | 30 | 30 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.51 | 22.51 | 0.1782 |
| 78 | 30 | 30 | 635666 | 3534.99 | DFT-s-OFDM QPSK | 1@1 | 25.28 | 23.28 | 0.2128 |
| 78 | 30 | 30 | 635666 | 3534.99 | DFT-s-OFDM 16 QAM | 1@1 | 24.36 | 22.36 | 0.1722 |
| 78 | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM QPSK | 1@1 | 25.27 | 23.27 | 0.2123 |
| 78 | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.43 | 22.43 | 0.1750 |
| 78 | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 25.21 | 23.21 | 0.2094 |
| 78 | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.28 | 22.28 | 0.1690 |
| 78 | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM QPSK | 1@1 | 25.22 | 23.22 | 0.2099 |
| 78 | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 16 QAM | 1@1 | 24.41 | 22.41 | 0.1742 |
| 78 | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM QPSK | 1@1 | 25.03 | 23.03 | 0.2009 |
| 78 | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 16 QAM | 1@1 | 24.11 | 22.11 | 0.1626 |
| 78 | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 25.13 | 23.13 | 0.2056 |
| 78 | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.16 | 22.16 | 0.1644 |
| 78 | 30 | 50 | 635000 | 3525 | DFT-s-OFDM QPSK | 1@1 | 25.13 | 23.13 | 0.2056 |
| 78 | 30 | 50 | 635000 | 3525 | DFT-s-OFDM 16 QAM | 1@1 | 24.23 | 22.23 | 0.1671 |
| 78 | 30 | 60 | 632000 | 3480 | DFT-s-OFDM QPSK | 1@1 | 25.11 | 23.11 | 0.2046 |
| 78 | 30 | 60 | 632000 | 3480 | DFT-s-OFDM 16 QAM | 1@1 | 24.22 | 22.22 | 0.1667 |
| 78 | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 25.17 | 23.17 | 0.2075 |
| 78 | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.29 | 22.29 | 0.1694 |

| | | | | | | | | | |
|----|----|-----|--------|---------|----------------------|--------|-------|-------|--------|
| 78 | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 1@1 | 25.24 | 23.24 | 0.2109 |
| 78 | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 16 QAM | 1@1 | 24.33 | 22.33 | 0.1710 |
| 78 | 30 | 70 | 632334 | 3485.01 | DFT-s-OFDM QPSK | 1@1 | 25.05 | 23.05 | 0.2018 |
| 78 | 30 | 70 | 632334 | 3485.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.06 | 22.06 | 0.1607 |
| 78 | 30 | 70 | 633334 | 3485.01 | DFT-s-OFDM QPSK | 1@1 | 24.96 | 22.96 | 0.1977 |
| 78 | 30 | 70 | 633334 | 3485.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.04 | 22.04 | 0.1600 |
| 78 | 30 | 70 | 634332 | 3485.01 | DFT-s-OFDM QPSK | 1@1 | 24.97 | 22.97 | 0.1982 |
| 78 | 30 | 70 | 634332 | 3514.98 | DFT-s-OFDM 16 QAM | 1@1 | 24.16 | 22.16 | 0.1644 |
| 78 | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM QPSK | 1@1 | 24.95 | 22.95 | 0.1972 |
| 78 | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 16 QAM | 1@1 | 24.03 | 22.03 | 0.1596 |
| 78 | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 24.97 | 22.97 | 0.1982 |
| 78 | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.05 | 22.05 | 0.1603 |
| 78 | 30 | 80 | 634000 | 3510 | DFT-s-OFDM QPSK | 1@1 | 25.02 | 23.02 | 0.2004 |
| 78 | 30 | 80 | 634000 | 3510 | DFT-s-OFDM 16 QAM | 1@1 | 24.11 | 22.11 | 0.1626 |
| 78 | 30 | 90 | 633000 | 3495 | DFT-s-OFDM QPSK | 1@1 | 24.9 | 22.9 | 0.1950 |
| 78 | 30 | 90 | 633000 | 3495 | DFT-s-OFDM 16 QAM | 1@1 | 23.99 | 21.99 | 0.1581 |
| 78 | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 24.91 | 22.91 | 0.1954 |
| 78 | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 23.99 | 21.99 | 0.1581 |
| 78 | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM QPSK | 1@1 | 25 | 23 | 0.1995 |
| 78 | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 16 QAM | 1@1 | 24.07 | 22.07 | 0.1611 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 135@67 | 25.3 | 23.3 | 0.2138 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.97 | 22.97 | 0.1982 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@271 | 24.77 | 22.77 | 0.1892 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 135@67 | 24.99 | 22.99 | 0.1991 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 24.9 | 22.9 | 0.1950 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@271 | 24.69 | 22.69 | 0.1858 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 135@67 | 24.01 | 22.01 | 0.1589 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 23.94 | 21.94 | 0.1563 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@271 | 23.58 | 21.58 | 0.1439 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 135@67 | 22.49 | 20.49 | 0.1119 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@1 | 22.44 | 20.44 | 0.1107 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@271 | 22.28 | 20.28 | 0.1067 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 135@67 | 20.52 | 18.52 | 0.0711 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1 | 20.27 | 18.27 | 0.0671 |
| 78 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@271 | 20.08 | 18.08 | 0.0643 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 137@68 | 23.52 | 21.52 | 0.1419 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 23.54 | 21.54 | 0.1426 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@271 | 23.48 | 21.48 | 0.1406 |

FR1 N78 MIMO-ANT6+ANT10

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-2dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | ANT6 Power (dBm) | ANT10 Power (dBm) | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|----------------|-----|------------------|-------------------|-----------------------|------------|----------|
| 78 | 30 | 10 | 630334 | 3455.01 | CP-OFDM QPSK | 1@1 | 20.32 | 19.41 | 22.90 | 20.90 | 0.1230 |
| 78 | 30 | 10 | 630334 | 3455.01 | CP-OFDM 16 QAM | 1@1 | 19.76 | 19.09 | 22.45 | 20.45 | 0.1109 |
| 78 | 30 | 10 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.21 | 19.18 | 22.74 | 20.74 | 0.1186 |
| 78 | 30 | 10 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.64 | 18.86 | 22.28 | 20.28 | 0.1067 |
| 78 | 30 | 10 | 636332 | 3544.98 | CP-OFDM QPSK | 1@1 | 20.22 | 18.87 | 22.61 | 20.61 | 0.1151 |
| 78 | 30 | 10 | 636332 | 3544.98 | CP-OFDM 16 QAM | 1@1 | 19.68 | 18.51 | 22.14 | 20.14 | 0.1033 |
| 78 | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@1 | 20.5 | 19.63 | 23.10 | 21.10 | 0.1288 |
| 78 | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 1@1 | 19.89 | 19.23 | 22.58 | 20.58 | 0.1143 |
| 78 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.48 | 19.71 | 23.12 | 21.12 | 0.1294 |
| 78 | 30 | 20 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.88 | 19.29 | 22.61 | 20.61 | 0.1151 |
| 78 | 30 | 20 | 636000 | 3540 | CP-OFDM QPSK | 1@1 | 20.47 | 19.19 | 22.89 | 20.89 | 0.1227 |
| 78 | 30 | 20 | 636000 | 3540 | CP-OFDM 16 QAM | 1@1 | 19.9 | 18.59 | 22.30 | 20.30 | 0.1072 |
| 78 | 30 | 30 | 631000 | 3465 | CP-OFDM QPSK | 1@1 | 20.65 | 19.8 | 23.26 | 21.26 | 0.1337 |
| 78 | 30 | 30 | 631000 | 3465 | CP-OFDM 16 QAM | 1@1 | 20.02 | 19.36 | 22.71 | 20.71 | 0.1178 |
| 78 | 30 | 30 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.55 | 19.74 | 23.17 | 21.17 | 0.1309 |
| 78 | 30 | 30 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.94 | 19.12 | 22.56 | 20.56 | 0.1138 |
| 78 | 30 | 30 | 635666 | 3534.99 | CP-OFDM QPSK | 1@1 | 20.56 | 19.39 | 23.02 | 21.02 | 0.1265 |
| 78 | 30 | 30 | 635666 | 3534.99 | CP-OFDM 16 QAM | 1@1 | 19.95 | 18.96 | 22.49 | 20.49 | 0.1119 |
| 78 | 30 | 40 | 631334 | 3470.01 | CP-OFDM QPSK | 1@1 | 20.47 | 19.85 | 23.18 | 21.18 | 0.1312 |
| 78 | 30 | 40 | 631334 | 3470.01 | CP-OFDM 16 QAM | 1@1 | 20.09 | 19.46 | 22.80 | 20.80 | 0.1202 |
| 78 | 30 | 40 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.61 | 19.61 | 23.15 | 21.15 | 0.1303 |
| 78 | 30 | 40 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 20.03 | 19.19 | 22.64 | 20.64 | 0.1159 |
| 78 | 30 | 40 | 635332 | 3529.98 | CP-OFDM QPSK | 1@1 | 20.59 | 19.57 | 23.12 | 21.12 | 0.1294 |
| 78 | 30 | 40 | 635332 | 3529.98 | CP-OFDM 16 QAM | 1@1 | 20.04 | 19.26 | 22.68 | 20.68 | 0.1169 |
| 78 | 30 | 50 | 631668 | 3475.02 | CP-OFDM QPSK | 1@1 | 20.35 | 19.51 | 22.96 | 20.96 | 0.1247 |
| 78 | 30 | 50 | 631668 | 3475.02 | CP-OFDM 16 QAM | 1@1 | 19.75 | 19.12 | 22.46 | 20.46 | 0.1112 |
| 78 | 30 | 50 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.39 | 19.39 | 22.93 | 20.93 | 0.1239 |
| 78 | 30 | 50 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.82 | 18.99 | 22.44 | 20.44 | 0.1107 |
| 78 | 30 | 50 | 635000 | 3525 | CP-OFDM QPSK | 1@1 | 20.27 | 19.31 | 22.83 | 20.83 | 0.1211 |
| 78 | 30 | 50 | 635000 | 3525 | CP-OFDM 16 QAM | 1@1 | 19.68 | 18.89 | 22.31 | 20.31 | 0.1074 |
| 78 | 30 | 60 | 632000 | 3480 | CP-OFDM QPSK | 1@1 | 20.45 | 19.6 | 23.06 | 21.06 | 0.1276 |
| 78 | 30 | 60 | 632000 | 3480 | CP-OFDM 16 QAM | 1@1 | 19.83 | 19.22 | 22.55 | 20.55 | 0.1135 |
| 78 | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.5 | 19.56 | 23.07 | 21.07 | 0.1279 |
| 78 | 30 | 60 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.89 | 19.18 | 22.56 | 20.56 | 0.1138 |

| | | | | | | | | | | | |
|----|----|-----|--------|---------|-----------------|--------|-------|-------|-------|-------|--------|
| 78 | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@1 | 20.33 | 19.38 | 22.89 | 20.89 | 0.1227 |
| 78 | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 1@1 | 19.73 | 18.96 | 22.37 | 20.37 | 0.1089 |
| 78 | 30 | 70 | 632334 | 3485.01 | CP-OFDM QPSK | 1@1 | 19.05 | 18.62 | 21.85 | 19.85 | 0.0966 |
| 78 | 30 | 70 | 632334 | 3485.01 | CP-OFDM 16 QAM | 1@1 | 18.53 | 18.23 | 21.39 | 19.39 | 0.0869 |
| 78 | 30 | 70 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 19.08 | 18.58 | 21.85 | 19.85 | 0.0966 |
| 78 | 30 | 70 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 18.59 | 18.1 | 21.36 | 19.36 | 0.0863 |
| 78 | 30 | 70 | 634332 | 3514.98 | CP-OFDM QPSK | 1@1 | 19.1 | 18.52 | 21.83 | 19.83 | 0.0962 |
| 78 | 30 | 70 | 634332 | 3514.98 | CP-OFDM 16 QAM | 1@1 | 18.56 | 18.08 | 21.34 | 19.34 | 0.0859 |
| 78 | 30 | 80 | 632668 | 3490.02 | CP-OFDM QPSK | 1@1 | 20.31 | 19.51 | 22.94 | 20.94 | 0.1242 |
| 78 | 30 | 80 | 632668 | 3490.02 | CP-OFDM 16 QAM | 1@1 | 19.68 | 19.11 | 22.41 | 20.41 | 0.1099 |
| 78 | 30 | 80 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.28 | 19.47 | 22.90 | 20.90 | 0.1230 |
| 78 | 30 | 80 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.73 | 19.11 | 22.44 | 20.44 | 0.1107 |
| 78 | 30 | 80 | 634000 | 3510 | CP-OFDM QPSK | 1@1 | 20.39 | 19.47 | 22.96 | 20.96 | 0.1247 |
| 78 | 30 | 80 | 634000 | 3510 | CP-OFDM 16 QAM | 1@1 | 19.78 | 19 | 22.42 | 20.42 | 0.1102 |
| 78 | 30 | 90 | 633000 | 3495 | CP-OFDM QPSK | 1@1 | 20.3 | 19.59 | 22.97 | 20.97 | 0.1250 |
| 78 | 30 | 90 | 633000 | 3495 | CP-OFDM 16 QAM | 1@1 | 19.75 | 19.12 | 22.46 | 20.46 | 0.1112 |
| 78 | 30 | 90 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.25 | 19.52 | 22.91 | 20.91 | 0.1233 |
| 78 | 30 | 90 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.78 | 19.08 | 22.45 | 20.45 | 0.1109 |
| 78 | 30 | 90 | 633666 | 3504.99 | CP-OFDM QPSK | 1@1 | 20.3 | 19.56 | 22.96 | 20.96 | 0.1247 |
| 78 | 30 | 90 | 633666 | 3504.99 | CP-OFDM 16 QAM | 1@1 | 19.74 | 19.11 | 22.45 | 20.45 | 0.1109 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 137@68 | 20.25 | 19.59 | 22.94 | 20.94 | 0.1242 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.67 | 19.85 | 23.29 | 21.29 | 0.1346 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@271 | 20.42 | 18.98 | 22.77 | 20.77 | 0.1194 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 137@68 | 19.71 | 18.65 | 22.22 | 20.22 | 0.1052 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.66 | 19.13 | 22.41 | 20.41 | 0.1099 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@271 | 19.29 | 18 | 21.70 | 19.70 | 0.0933 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 137@68 | 18.22 | 17.09 | 20.70 | 18.70 | 0.0741 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@1 | 18.41 | 17.73 | 21.09 | 19.09 | 0.0811 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@271 | 18.05 | 16.59 | 20.39 | 18.39 | 0.0690 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 137@68 | 15.33 | 14.32 | 17.86 | 15.86 | 0.0385 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 1@1 | 15.66 | 14.78 | 18.25 | 16.25 | 0.0422 |
| 78 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 1@271 | 15.27 | 13.87 | 17.64 | 15.64 | 0.0366 |



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|---------------|---------------------|---------|
| Test Engineer : | Zhaohui Liang | Temperature : | 22~25°C |
| | | Relative Humidity : | 48~52% |

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

| SA n77 / 100MHz / QPSK / ANT10 | | | | | | | | | |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 6901.50 | -44.57 | -13 | -31.57 | -51.17 | -47.87 | 8.30 | 11.60 | H |
| | 10352.25 | -48.77 | -13 | -35.77 | -60.52 | -50.29 | 10.48 | 12.00 | H |
| | 13803.00 | -55.55 | -13 | -42.55 | -69.70 | -57.25 | 11.80 | 13.50 | H |
| | 17253.75 | -41.18 | -13 | -28.18 | -58.47 | -41.78 | 13.00 | 13.60 | V |
| | 6901.50 | -37.41 | -13 | -24.41 | -45.29 | -40.71 | 8.30 | 11.60 | V |
| | 10352.25 | -48.72 | -13 | -35.72 | -62.27 | -50.24 | 10.48 | 12.00 | V |

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

| EN-DC_30A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT6 (LTE) & ANT10(NR) | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n77 Middle | 6901.50 | -58.93 | -13 | -45.93 | -65.53 | -62.23 | 8.30 | 11.60 | H |
| | 10352.25 | -56.42 | -13 | -43.42 | -68.17 | -57.94 | 10.48 | 12.00 | H |
| | 13803.00 | -55.45 | -13 | -42.45 | -69.60 | -57.15 | 11.80 | 13.50 | H |
| | 6901.50 | -57.73 | -13 | -44.73 | -65.61 | -61.03 | 8.30 | 11.60 | V |
| | 10352.25 | -54.41 | -13 | -41.41 | -67.96 | -55.93 | 10.48 | 12.00 | V |
| | 13803.00 | -56.59 | -13 | -43.59 | -69.55 | -58.29 | 11.80 | 13.50 | V |
| LTE Band30 Middle | 4611.00 | -60.84 | -40 | -20.84 | -65.13 | -67.09 | 6.45 | 12.70 | H |
| | 6916.50 | -58.48 | -40 | -18.48 | -65.10 | -61.88 | 8.40 | 11.80 | H |
| | 9222.00 | -59.59 | -40 | -19.59 | -68.62 | -61.94 | 9.65 | 12.00 | H |
| | 4611.00 | -60.57 | -40 | -20.57 | -64.99 | -66.82 | 6.45 | 12.70 | V |
| | 6916.50 | -55.86 | -40 | -15.86 | -63.58 | -59.26 | 8.40 | 11.80 | V |
| | 9222.00 | -54.38 | -40 | -14.38 | -65.64 | -56.73 | 9.65 | 12.00 | V |

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



| n77 UL_MIMO / 100MHz / QPSK / ANT13+7 | | | | | | | | | |
|---------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 7000.02 | -58.57 | -13 | -45.57 | -65.34 | -61.87 | 8.30 | 11.60 | H |
| | 10500.03 | -56.10 | -13 | -43.10 | -68.00 | -57.62 | 10.48 | 12.00 | H |
| | 14000.04 | -56.26 | -13 | -43.26 | -69.97 | -57.96 | 11.80 | 13.50 | H |
| | 7000.02 | -58.72 | -13 | -45.72 | -65.67 | -62.02 | 8.30 | 11.60 | V |
| | 10500.03 | -54.11 | -13 | -41.11 | -68.33 | -55.63 | 10.48 | 12.00 | V |
| | 14000.04 | -57.55 | -13 | -44.55 | -70.48 | -59.25 | 11.80 | 13.50 | V |

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