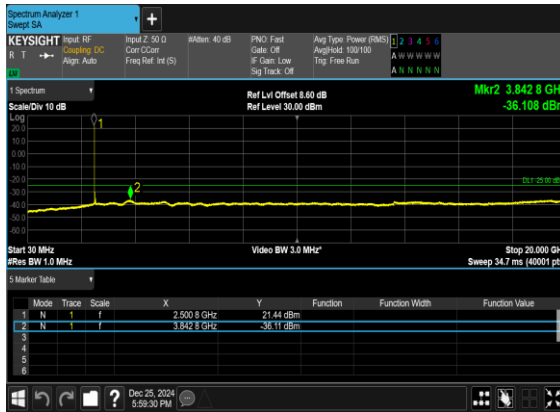
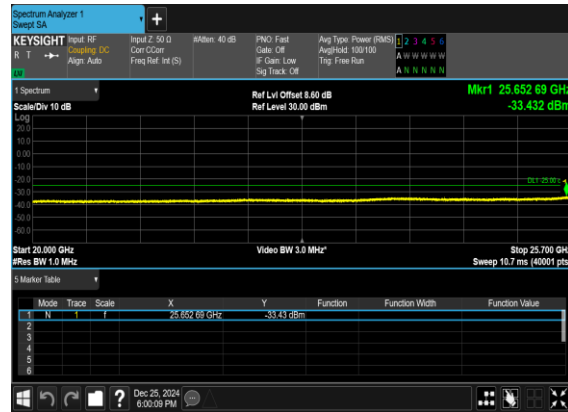




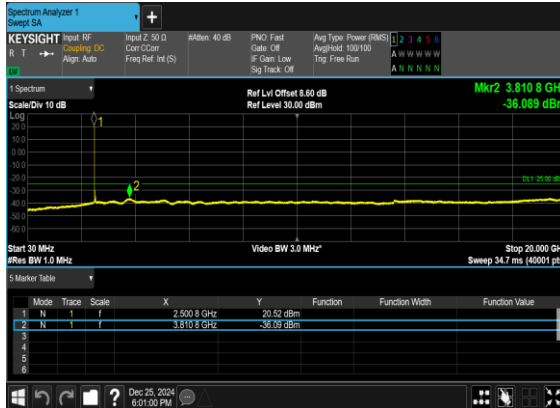
B2\_N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



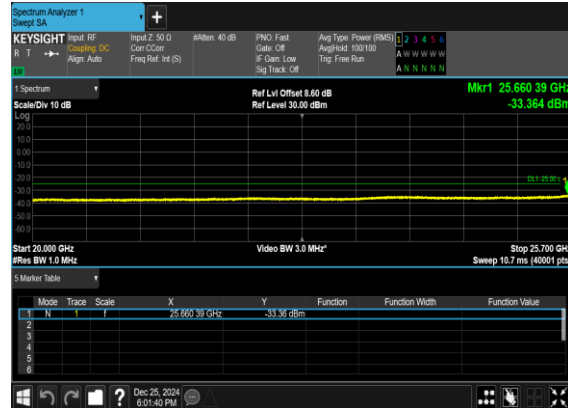
B2\_N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B2\_N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

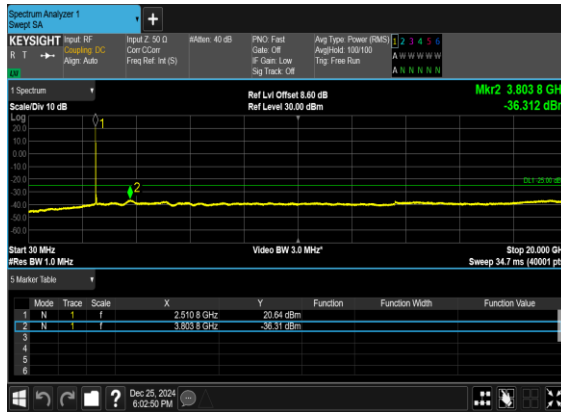


B2\_N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

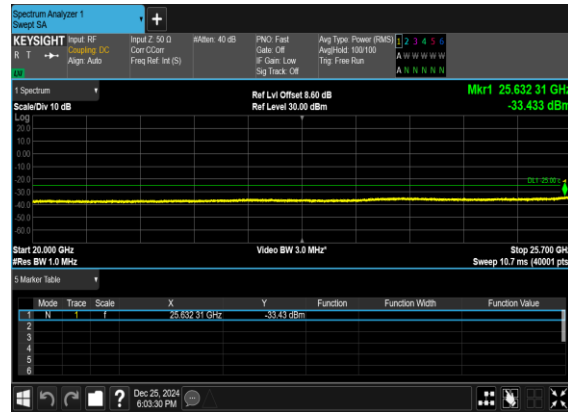




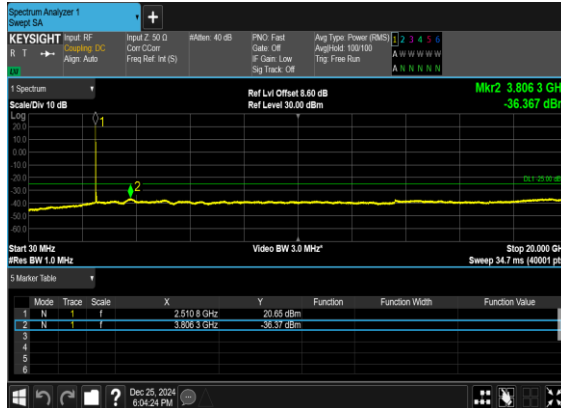
B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



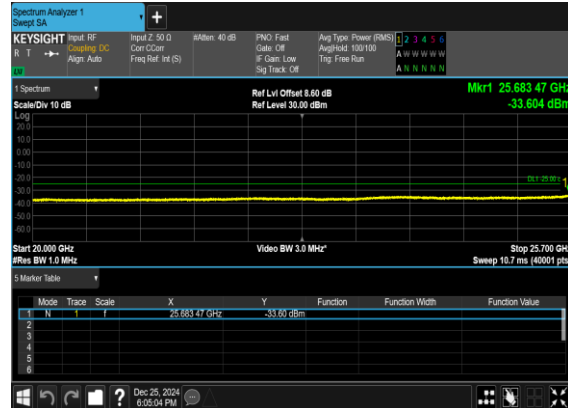
B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

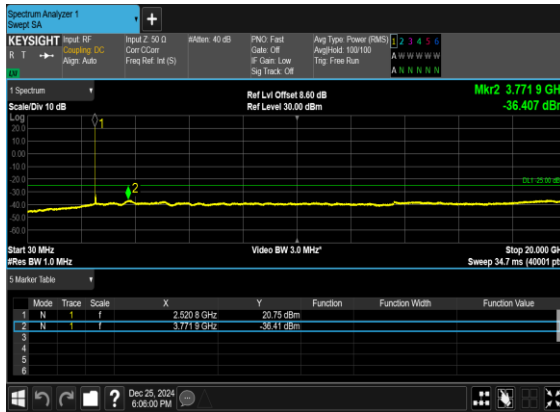


B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

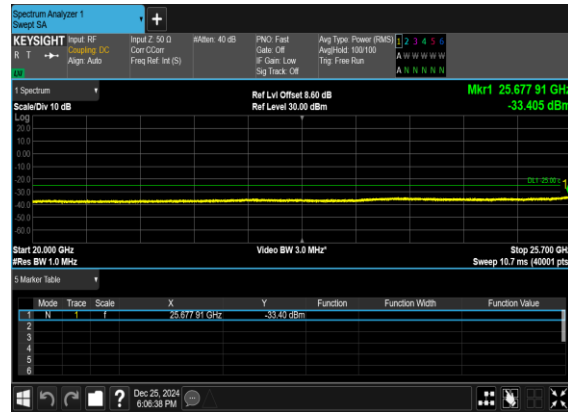




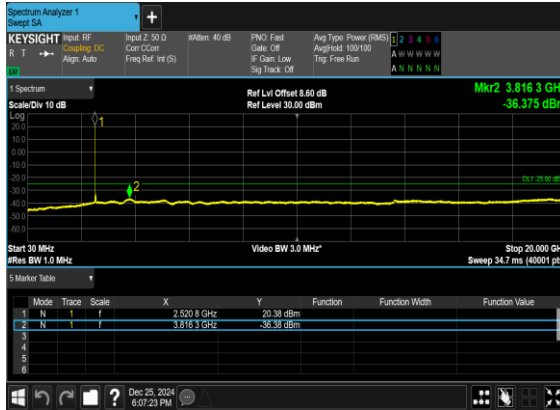
B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



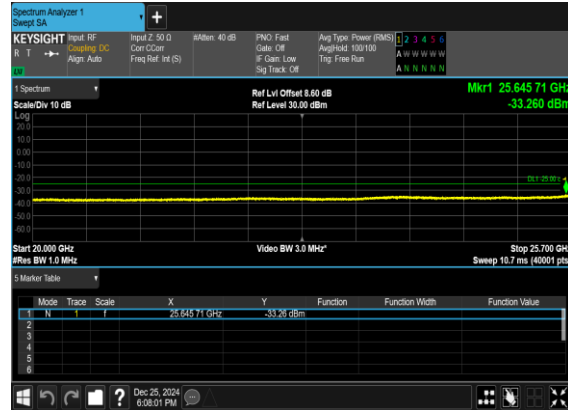
B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH





## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 7       | 15        | 5               | 500500 | 2502.5     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 5               | 500500 | 2502.5     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 5               | 500500 | 2502.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 7       | 15        | 5               | 500500 | 2502.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 7       | 15        | 5               | 513500 | 2567.5     | DFT-s-OFDM BPSK | 1@24  | see graph | PASS    |
| 7       | 15        | 5               | 513500 | 2567.5     | DFT-s-OFDM QPSK | 1@24  | see graph | PASS    |
| 7       | 15        | 5               | 513500 | 2567.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 7       | 15        | 5               | 513500 | 2567.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 7       | 15        | 25              | 502500 | 2512.5     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 25              | 502500 | 2512.5     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 25              | 502500 | 2512.5     | DFT-s-OFDM BPSK | 128@0 | see graph | PASS    |
| 7       | 15        | 25              | 502500 | 2512.5     | DFT-s-OFDM QPSK | 128@0 | see graph | PASS    |
| 7       | 15        | 25              | 511500 | 2557.5     | DFT-s-OFDM BPSK | 1@132 | see graph | PASS    |
| 7       | 15        | 25              | 511500 | 2557.5     | DFT-s-OFDM QPSK | 1@132 | see graph | PASS    |
| 7       | 15        | 25              | 511500 | 2557.5     | DFT-s-OFDM BPSK | 128@0 | see graph | PASS    |
| 7       | 15        | 25              | 511500 | 2557.5     | DFT-s-OFDM QPSK | 128@0 | see graph | PASS    |
| 7       | 15        | 50              | 505000 | 2525.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 50              | 505000 | 2525.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 50              | 505000 | 2525.0     | DFT-s-OFDM BPSK | 270@0 | see graph | PASS    |
| 7       | 15        | 50              | 505000 | 2525.0     | DFT-s-OFDM QPSK | 270@0 | see graph | PASS    |



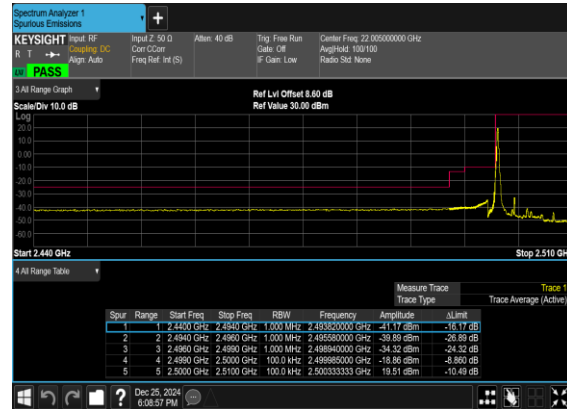
|   |    |    |        |        |                 |       |           |             |
|---|----|----|--------|--------|-----------------|-------|-----------|-------------|
| 7 | 15 | 50 | 509000 | 2545.0 | DFT-s-OFDM BPSK | 1@269 | see graph | <b>PASS</b> |
| 7 | 15 | 50 | 509000 | 2545.0 | DFT-s-OFDM QPSK | 1@269 | see graph | <b>PASS</b> |
| 7 | 15 | 50 | 509000 | 2545.0 | DFT-s-OFDM BPSK | 270@0 | see graph | <b>PASS</b> |
| 7 | 15 | 50 | 509000 | 2545.0 | DFT-s-OFDM QPSK | 270@0 | see graph | <b>PASS</b> |



B2\_N7(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



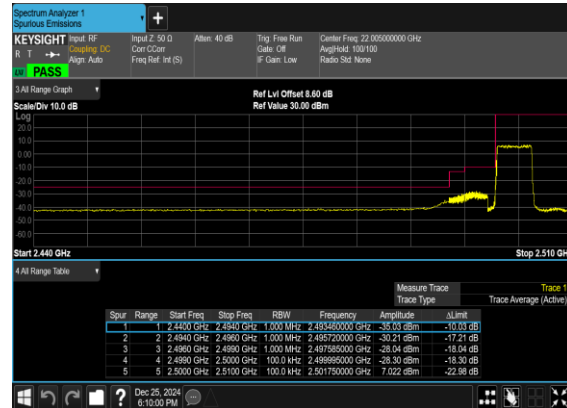
B2\_N7(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B2\_N7(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

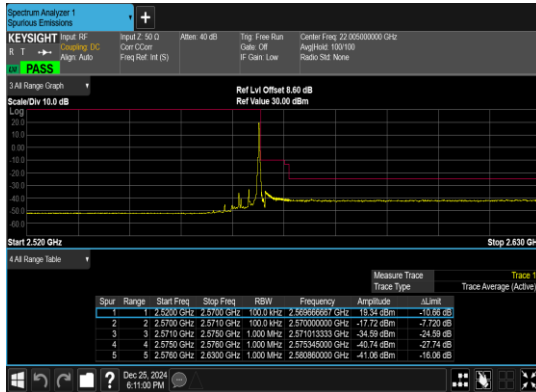


B2\_N7(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

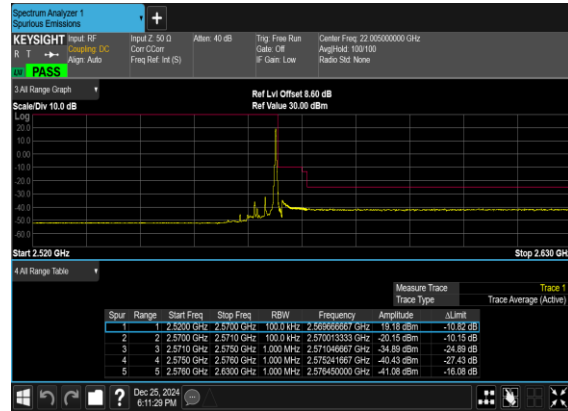




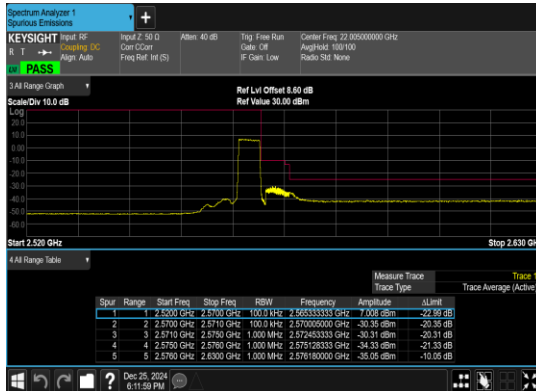
B2\_N7(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



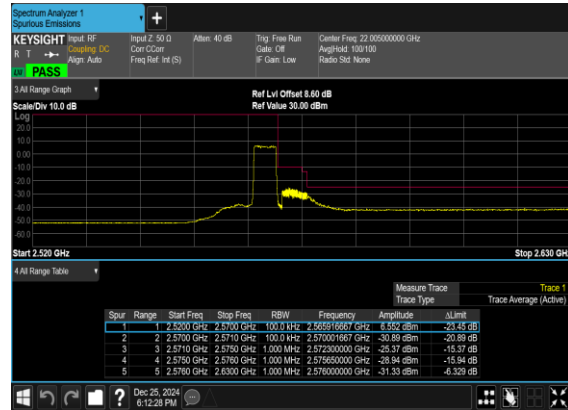
B2\_N7(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B2\_N7(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

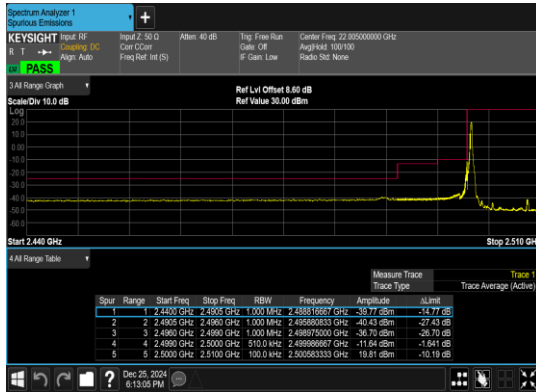


B2\_N7(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

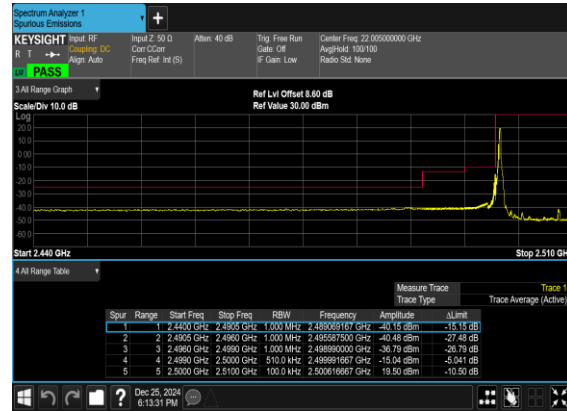




B2\_N7(25M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B2\_N7(25M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B2\_N7(25M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

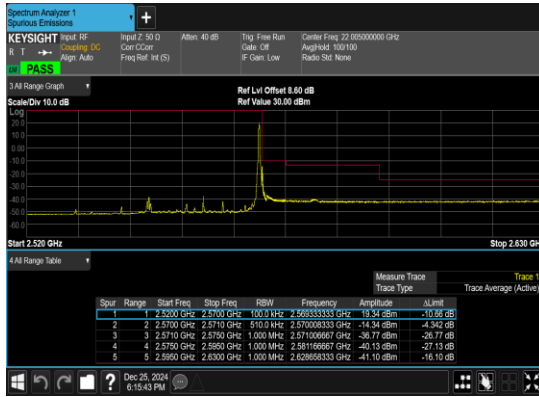


B2\_N7(25M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

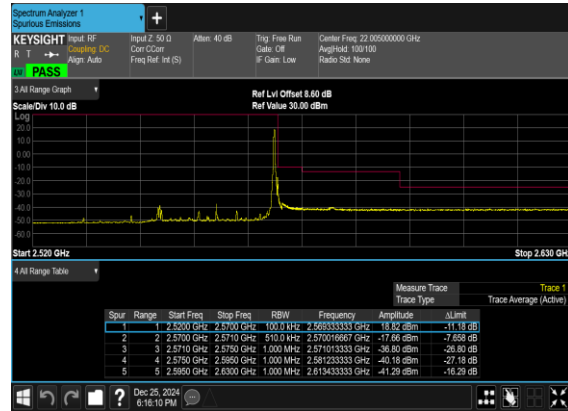




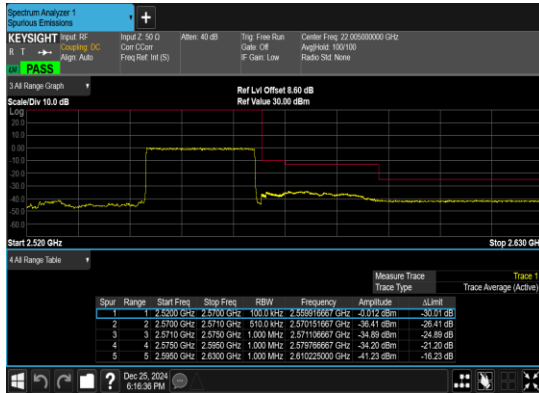
B2\_N7(25M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



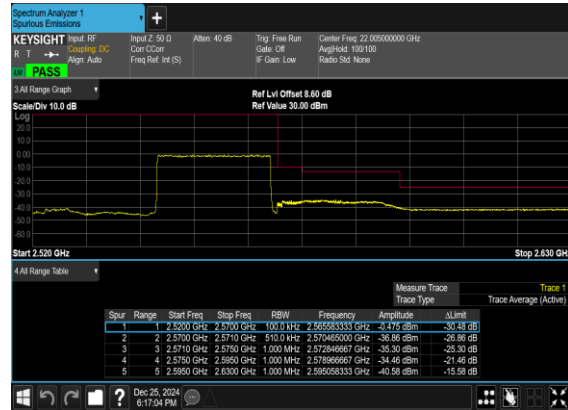
B2\_N7(25M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B2\_N7(25M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

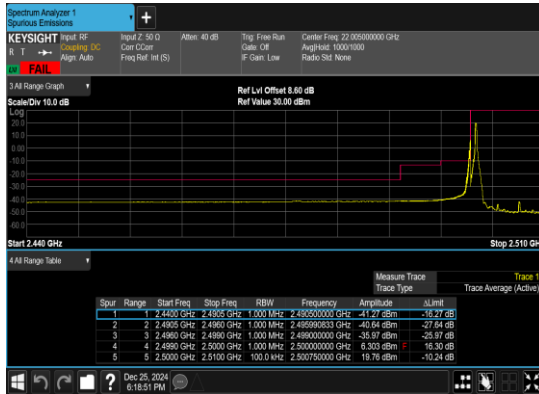


B2\_N7(25M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

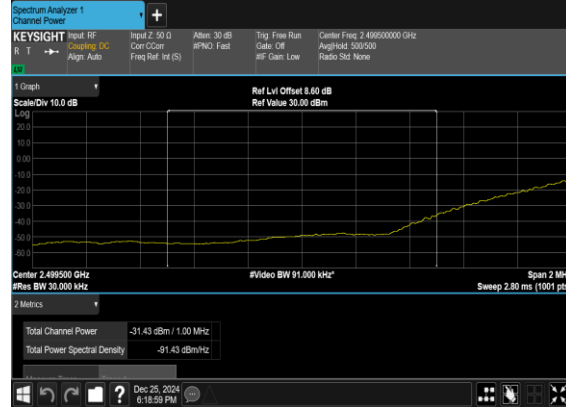




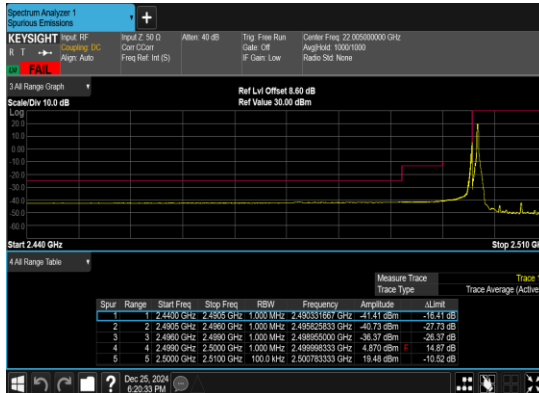
B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



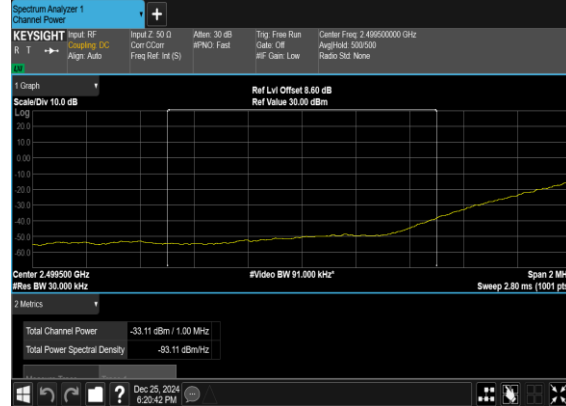
B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

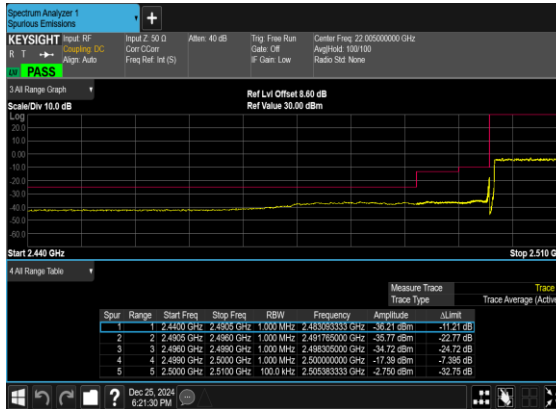


B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS

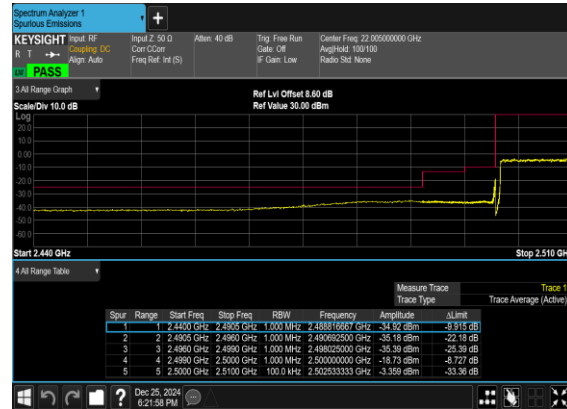




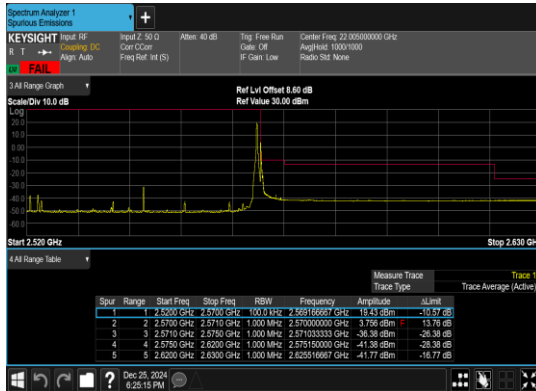
B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



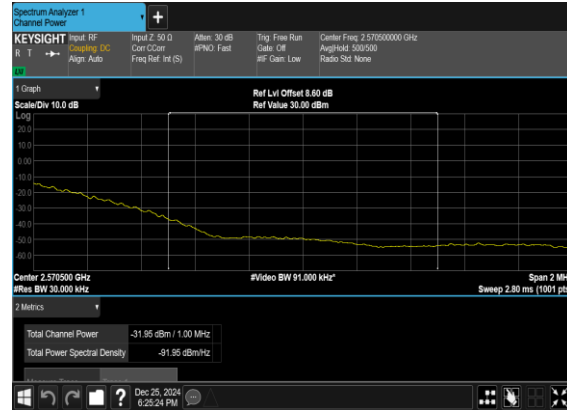
B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

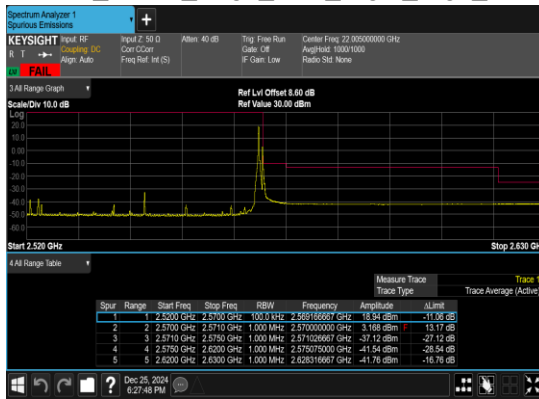


B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P  
ASS

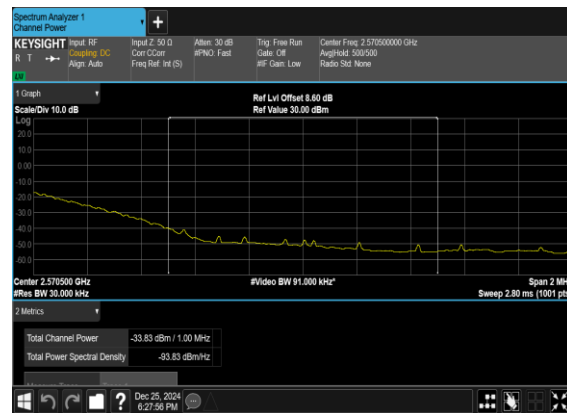




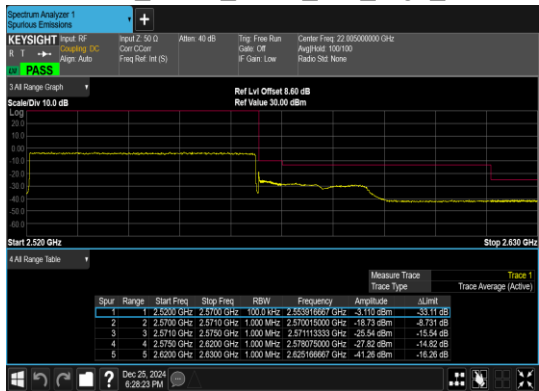
B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



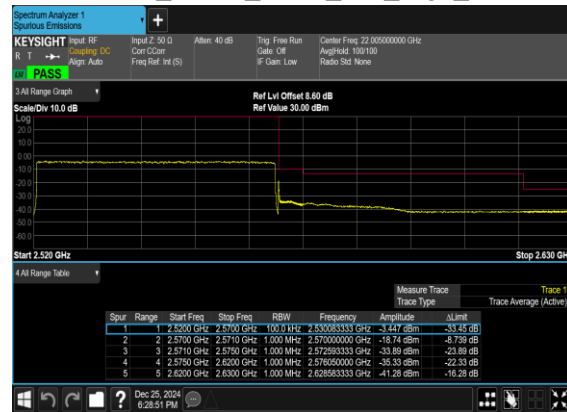
B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CH\_P  
ASS



B2\_N7(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



B2\_N7(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH





## FR1 N7(NSA mode)

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

### Transmitter Conducted Output Power And EIRP, ( $G_T - L_C$ )=-2.4dB

| NR Band | SCS | Bandwidth | Arfcn  | Freq (MHz) | Modulation        | RB    | Conducted Power(dBm) | EIRP(dBm) | EIRP(W) |
|---------|-----|-----------|--------|------------|-------------------|-------|----------------------|-----------|---------|
| 7       | 15  | 5         | 500500 | 2502.5     | DFT-s-OFDM QPSK   | 12@6  | 22.71                | 20.31     | 0.1074  |
| 7       | 15  | 5         | 500500 | 2502.5     | DFT-s-OFDM QPSK   | 1@1   | 22.47                | 20.07     | 0.1016  |
| 7       | 15  | 5         | 500500 | 2502.5     | DFT-s-OFDM QPSK   | 1@23  | 22.63                | 20.23     | 0.1054  |
| 7       | 15  | 5         | 500500 | 2502.5     | DFT-s-OFDM 16 QAM | 12@6  | 21.79                | 19.39     | 0.0869  |
| 7       | 15  | 5         | 500500 | 2502.5     | DFT-s-OFDM 16 QAM | 1@1   | 21.97                | 19.57     | 0.0906  |
| 7       | 15  | 5         | 500500 | 2502.5     | DFT-s-OFDM 16 QAM | 1@23  | 22.09                | 19.69     | 0.0931  |
| 7       | 15  | 5         | 507000 | 2535       | DFT-s-OFDM QPSK   | 12@6  | 22.5                 | 20.1      | 0.1023  |
| 7       | 15  | 5         | 507000 | 2535       | DFT-s-OFDM QPSK   | 1@1   | 22.5                 | 20.1      | 0.1023  |
| 7       | 15  | 5         | 507000 | 2535       | DFT-s-OFDM QPSK   | 1@23  | 22.29                | 19.89     | 0.0975  |
| 7       | 15  | 5         | 507000 | 2535       | DFT-s-OFDM 16 QAM | 12@6  | 21.61                | 19.21     | 0.0834  |
| 7       | 15  | 5         | 507000 | 2535       | DFT-s-OFDM 16 QAM | 1@1   | 21.87                | 19.47     | 0.0885  |
| 7       | 15  | 5         | 507000 | 2535       | DFT-s-OFDM 16 QAM | 1@23  | 21.61                | 19.21     | 0.0834  |
| 7       | 15  | 5         | 513500 | 2567.5     | DFT-s-OFDM QPSK   | 12@6  | 22.94                | 20.54     | 0.1132  |
| 7       | 15  | 5         | 513500 | 2567.5     | DFT-s-OFDM QPSK   | 1@1   | 22.74                | 20.34     | 0.1081  |
| 7       | 15  | 5         | 513500 | 2567.5     | DFT-s-OFDM QPSK   | 1@23  | 22.82                | 20.42     | 0.1102  |
| 7       | 15  | 5         | 513500 | 2567.5     | DFT-s-OFDM 16 QAM | 12@6  | 22.1                 | 19.7      | 0.0933  |
| 7       | 15  | 5         | 513500 | 2567.5     | DFT-s-OFDM 16 QAM | 1@1   | 22.26                | 19.86     | 0.0968  |
| 7       | 15  | 5         | 513500 | 2567.5     | DFT-s-OFDM 16 QAM | 1@23  | 22.4                 | 20        | 0.1000  |
| 7       | 15  | 10        | 501000 | 2505       | DFT-s-OFDM QPSK   | 25@12 | 22.82                | 20.42     | 0.1102  |
| 7       | 15  | 10        | 501000 | 2505       | DFT-s-OFDM QPSK   | 1@1   | 22.49                | 20.09     | 0.1021  |
| 7       | 15  | 10        | 501000 | 2505       | DFT-s-OFDM QPSK   | 1@50  | 22.93                | 20.53     | 0.1130  |
| 7       | 15  | 10        | 501000 | 2505       | DFT-s-OFDM 16 QAM | 25@12 | 21.94                | 19.54     | 0.0899  |
| 7       | 15  | 10        | 501000 | 2505       | DFT-s-OFDM 16 QAM | 1@1   | 21.98                | 19.58     | 0.0908  |
| 7       | 15  | 10        | 501000 | 2505       | DFT-s-OFDM 16 QAM | 1@50  | 22.39                | 19.99     | 0.0998  |
| 7       | 15  | 10        | 507000 | 2535       | DFT-s-OFDM QPSK   | 25@12 | 22.5                 | 20.1      | 0.1023  |
| 7       | 15  | 10        | 507000 | 2535       | DFT-s-OFDM QPSK   | 1@1   | 22.68                | 20.28     | 0.1067  |
| 7       | 15  | 10        | 507000 | 2535       | DFT-s-OFDM QPSK   | 1@50  | 22.15                | 19.75     | 0.0944  |
| 7       | 15  | 10        | 507000 | 2535       | DFT-s-OFDM 16 QAM | 25@12 | 21.64                | 19.24     | 0.0839  |
| 7       | 15  | 10        | 507000 | 2535       | DFT-s-OFDM 16 QAM | 1@1   | 22.05                | 19.65     | 0.0923  |
| 7       | 15  | 10        | 507000 | 2535       | DFT-s-OFDM 16 QAM | 1@50  | 21.5                 | 19.1      | 0.0813  |



|   |    |    |        |        |                   |       |       |       |        |
|---|----|----|--------|--------|-------------------|-------|-------|-------|--------|
| 7 | 15 | 10 | 513000 | 2565   | DFT-s-OFDM QPSK   | 25@12 | 22.86 | 20.46 | 0.1112 |
| 7 | 15 | 10 | 513000 | 2565   | DFT-s-OFDM QPSK   | 1@1   | 22.57 | 20.17 | 0.1040 |
| 7 | 15 | 10 | 513000 | 2565   | DFT-s-OFDM QPSK   | 1@50  | 22.85 | 20.45 | 0.1109 |
| 7 | 15 | 10 | 513000 | 2565   | DFT-s-OFDM 16 QAM | 25@12 | 22.05 | 19.65 | 0.0923 |
| 7 | 15 | 10 | 513000 | 2565   | DFT-s-OFDM 16 QAM | 1@1   | 21.92 | 19.52 | 0.0895 |
| 7 | 15 | 10 | 513000 | 2565   | DFT-s-OFDM 16 QAM | 1@50  | 22.42 | 20.02 | 0.1005 |
| 7 | 15 | 15 | 501500 | 2507.5 | DFT-s-OFDM QPSK   | 36@18 | 22.92 | 20.52 | 0.1127 |
| 7 | 15 | 15 | 501500 | 2507.5 | DFT-s-OFDM QPSK   | 1@1   | 22.56 | 20.16 | 0.1038 |
| 7 | 15 | 15 | 501500 | 2507.5 | DFT-s-OFDM QPSK   | 1@77  | 23.14 | 20.74 | 0.1186 |
| 7 | 15 | 15 | 501500 | 2507.5 | DFT-s-OFDM 16 QAM | 36@18 | 22.09 | 19.69 | 0.0931 |
| 7 | 15 | 15 | 501500 | 2507.5 | DFT-s-OFDM 16 QAM | 1@1   | 22.03 | 19.63 | 0.0918 |
| 7 | 15 | 15 | 501500 | 2507.5 | DFT-s-OFDM 16 QAM | 1@77  | 22.53 | 20.13 | 0.1030 |
| 7 | 15 | 15 | 507000 | 2535   | DFT-s-OFDM QPSK   | 36@18 | 22.53 | 20.13 | 0.1030 |
| 7 | 15 | 15 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@1   | 22.93 | 20.53 | 0.1130 |
| 7 | 15 | 15 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@77  | 22.11 | 19.71 | 0.0935 |
| 7 | 15 | 15 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 36@18 | 21.71 | 19.31 | 0.0853 |
| 7 | 15 | 15 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@1   | 22.26 | 19.86 | 0.0968 |
| 7 | 15 | 15 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@77  | 21.42 | 19.02 | 0.0798 |
| 7 | 15 | 15 | 512500 | 2562.5 | DFT-s-OFDM QPSK   | 36@18 | 22.71 | 20.31 | 0.1074 |
| 7 | 15 | 15 | 512500 | 2562.5 | DFT-s-OFDM QPSK   | 1@1   | 22.24 | 19.84 | 0.0964 |
| 7 | 15 | 15 | 512500 | 2562.5 | DFT-s-OFDM QPSK   | 1@77  | 22.93 | 20.53 | 0.1130 |
| 7 | 15 | 15 | 512500 | 2562.5 | DFT-s-OFDM 16 QAM | 36@18 | 21.87 | 19.47 | 0.0885 |
| 7 | 15 | 15 | 512500 | 2562.5 | DFT-s-OFDM 16 QAM | 1@1   | 21.65 | 19.25 | 0.0841 |
| 7 | 15 | 15 | 512500 | 2562.5 | DFT-s-OFDM 16 QAM | 1@77  | 22.42 | 20.02 | 0.1005 |
| 7 | 15 | 20 | 502000 | 2510   | DFT-s-OFDM QPSK   | 50@25 | 23.1  | 20.7  | 0.1175 |
| 7 | 15 | 20 | 502000 | 2510   | DFT-s-OFDM QPSK   | 1@1   | 22.58 | 20.18 | 0.1042 |
| 7 | 15 | 20 | 502000 | 2510   | DFT-s-OFDM QPSK   | 1@104 | 23.26 | 20.86 | 0.1219 |
| 7 | 15 | 20 | 502000 | 2510   | DFT-s-OFDM 16 QAM | 50@25 | 22.21 | 19.81 | 0.0957 |
| 7 | 15 | 20 | 502000 | 2510   | DFT-s-OFDM 16 QAM | 1@1   | 22.03 | 19.63 | 0.0918 |
| 7 | 15 | 20 | 502000 | 2510   | DFT-s-OFDM 16 QAM | 1@104 | 22.67 | 20.27 | 0.1064 |
| 7 | 15 | 20 | 507000 | 2535   | DFT-s-OFDM QPSK   | 50@25 | 22.55 | 20.15 | 0.1035 |
| 7 | 15 | 20 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@1   | 23.08 | 20.68 | 0.1169 |
| 7 | 15 | 20 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@104 | 22.05 | 19.65 | 0.0923 |
| 7 | 15 | 20 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 50@25 | 21.67 | 19.27 | 0.0845 |
| 7 | 15 | 20 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@1   | 22.46 | 20.06 | 0.1014 |
| 7 | 15 | 20 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@104 | 21.4  | 19    | 0.0794 |
| 7 | 15 | 20 | 512000 | 2560   | DFT-s-OFDM QPSK   | 50@25 | 22.61 | 20.21 | 0.1050 |
| 7 | 15 | 20 | 512000 | 2560   | DFT-s-OFDM QPSK   | 1@1   | 22.15 | 19.75 | 0.0944 |



|   |    |    |        |        |                   |       |       |       |        |
|---|----|----|--------|--------|-------------------|-------|-------|-------|--------|
| 7 | 15 | 20 | 512000 | 2560   | DFT-s-OFDM QPSK   | 1@104 | 22.93 | 20.53 | 0.1130 |
| 7 | 15 | 20 | 512000 | 2560   | DFT-s-OFDM 16 QAM | 50@25 | 21.73 | 19.33 | 0.0857 |
| 7 | 15 | 20 | 512000 | 2560   | DFT-s-OFDM 16 QAM | 1@1   | 21.46 | 19.06 | 0.0805 |
| 7 | 15 | 20 | 512000 | 2560   | DFT-s-OFDM 16 QAM | 1@104 | 22.45 | 20.05 | 0.1012 |
| 7 | 15 | 25 | 502500 | 2512.5 | DFT-s-OFDM QPSK   | 64@32 | 23.27 | 20.87 | 0.1222 |
| 7 | 15 | 25 | 502500 | 2512.5 | DFT-s-OFDM QPSK   | 1@1   | 22.55 | 20.15 | 0.1035 |
| 7 | 15 | 25 | 502500 | 2512.5 | DFT-s-OFDM QPSK   | 1@131 | 23.13 | 20.73 | 0.1183 |
| 7 | 15 | 25 | 502500 | 2512.5 | DFT-s-OFDM 16 QAM | 64@32 | 22.23 | 19.83 | 0.0962 |
| 7 | 15 | 25 | 502500 | 2512.5 | DFT-s-OFDM 16 QAM | 1@1   | 21.93 | 19.53 | 0.0897 |
| 7 | 15 | 25 | 502500 | 2512.5 | DFT-s-OFDM 16 QAM | 1@131 | 22.35 | 19.95 | 0.0989 |
| 7 | 15 | 25 | 507000 | 2535   | DFT-s-OFDM QPSK   | 64@32 | 22.69 | 20.29 | 0.1069 |
| 7 | 15 | 25 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@1   | 23.16 | 20.76 | 0.1191 |
| 7 | 15 | 25 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@131 | 22.06 | 19.66 | 0.0925 |
| 7 | 15 | 25 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 64@32 | 21.69 | 19.29 | 0.0849 |
| 7 | 15 | 25 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@1   | 22.42 | 20.02 | 0.1005 |
| 7 | 15 | 25 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@131 | 21.29 | 18.89 | 0.0774 |
| 7 | 15 | 25 | 511500 | 2557.5 | DFT-s-OFDM QPSK   | 64@32 | 22.6  | 20.2  | 0.1047 |
| 7 | 15 | 25 | 511500 | 2557.5 | DFT-s-OFDM QPSK   | 1@1   | 22.07 | 19.67 | 0.0927 |
| 7 | 15 | 25 | 511500 | 2557.5 | DFT-s-OFDM QPSK   | 1@131 | 22.92 | 20.52 | 0.1127 |
| 7 | 15 | 25 | 511500 | 2557.5 | DFT-s-OFDM 16 QAM | 64@32 | 21.61 | 19.21 | 0.0834 |
| 7 | 15 | 25 | 511500 | 2557.5 | DFT-s-OFDM 16 QAM | 1@1   | 21.26 | 18.86 | 0.0769 |
| 7 | 15 | 25 | 511500 | 2557.5 | DFT-s-OFDM 16 QAM | 1@131 | 22.32 | 19.92 | 0.0982 |
| 7 | 15 | 30 | 503000 | 2515   | DFT-s-OFDM QPSK   | 80@40 | 23.36 | 20.96 | 0.1247 |
| 7 | 15 | 30 | 503000 | 2515   | DFT-s-OFDM QPSK   | 1@1   | 22.63 | 20.23 | 0.1054 |
| 7 | 15 | 30 | 503000 | 2515   | DFT-s-OFDM QPSK   | 1@158 | 22.99 | 20.59 | 0.1146 |
| 7 | 15 | 30 | 503000 | 2515   | DFT-s-OFDM 16 QAM | 80@40 | 22.41 | 20.01 | 0.1002 |
| 7 | 15 | 30 | 503000 | 2515   | DFT-s-OFDM 16 QAM | 1@1   | 22.02 | 19.62 | 0.0916 |
| 7 | 15 | 30 | 503000 | 2515   | DFT-s-OFDM 16 QAM | 1@158 | 22.23 | 19.83 | 0.0962 |
| 7 | 15 | 30 | 507000 | 2535   | DFT-s-OFDM QPSK   | 80@40 | 22.67 | 20.27 | 0.1064 |
| 7 | 15 | 30 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@1   | 23.27 | 20.87 | 0.1222 |
| 7 | 15 | 30 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@158 | 22.14 | 19.74 | 0.0942 |
| 7 | 15 | 30 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 80@40 | 21.72 | 19.32 | 0.0855 |
| 7 | 15 | 30 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@1   | 22.57 | 20.17 | 0.1040 |
| 7 | 15 | 30 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@158 | 21.41 | 19.01 | 0.0796 |
| 7 | 15 | 30 | 511000 | 2555   | DFT-s-OFDM QPSK   | 80@40 | 22.48 | 20.08 | 0.1019 |
| 7 | 15 | 30 | 511000 | 2555   | DFT-s-OFDM QPSK   | 1@1   | 22.2  | 19.8  | 0.0955 |
| 7 | 15 | 30 | 511000 | 2555   | DFT-s-OFDM QPSK   | 1@158 | 22.95 | 20.55 | 0.1135 |
| 7 | 15 | 30 | 511000 | 2555   | DFT-s-OFDM 16 QAM | 80@40 | 21.55 | 19.15 | 0.0822 |



|   |    |    |        |        |                   |        |       |       |        |
|---|----|----|--------|--------|-------------------|--------|-------|-------|--------|
| 7 | 15 | 30 | 511000 | 2555   | DFT-s-OFDM 16 QAM | 1@1    | 21.48 | 19.08 | 0.0809 |
| 7 | 15 | 30 | 511000 | 2555   | DFT-s-OFDM 16 QAM | 1@158  | 22.42 | 20.02 | 0.1005 |
| 7 | 15 | 35 | 503500 | 2517.5 | DFT-s-OFDM QPSK   | 90@45  | 23.4  | 21    | 0.1259 |
| 7 | 15 | 35 | 503500 | 2517.5 | DFT-s-OFDM QPSK   | 1@1    | 22.6  | 20.2  | 0.1047 |
| 7 | 15 | 35 | 503500 | 2517.5 | DFT-s-OFDM QPSK   | 1@186  | 22.56 | 20.16 | 0.1038 |
| 7 | 15 | 35 | 503500 | 2517.5 | DFT-s-OFDM 16 QAM | 90@45  | 22.41 | 20.01 | 0.1002 |
| 7 | 15 | 35 | 503500 | 2517.5 | DFT-s-OFDM 16 QAM | 1@1    | 22.03 | 19.63 | 0.0918 |
| 7 | 15 | 35 | 503500 | 2517.5 | DFT-s-OFDM 16 QAM | 1@186  | 21.79 | 19.39 | 0.0869 |
| 7 | 15 | 35 | 507000 | 2535   | DFT-s-OFDM QPSK   | 90@45  | 22.69 | 20.29 | 0.1069 |
| 7 | 15 | 35 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@1    | 23.27 | 20.87 | 0.1222 |
| 7 | 15 | 35 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@186  | 22.18 | 19.78 | 0.0951 |
| 7 | 15 | 35 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 90@45  | 21.78 | 19.38 | 0.0867 |
| 7 | 15 | 35 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@1    | 22.53 | 20.13 | 0.1030 |
| 7 | 15 | 35 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@186  | 21.43 | 19.03 | 0.0800 |
| 7 | 15 | 35 | 501500 | 2552.5 | DFT-s-OFDM QPSK   | 90@45  | 22.35 | 19.95 | 0.0989 |
| 7 | 15 | 35 | 501500 | 2552.5 | DFT-s-OFDM QPSK   | 1@1    | 22.41 | 20.01 | 0.1002 |
| 7 | 15 | 35 | 501500 | 2552.5 | DFT-s-OFDM QPSK   | 1@186  | 22.89 | 20.49 | 0.1119 |
| 7 | 15 | 35 | 501500 | 2552.5 | DFT-s-OFDM 16 QAM | 90@45  | 21.39 | 18.99 | 0.0793 |
| 7 | 15 | 35 | 501500 | 2552.5 | DFT-s-OFDM 16 QAM | 1@1    | 21.63 | 19.23 | 0.0838 |
| 7 | 15 | 35 | 501500 | 2552.5 | DFT-s-OFDM 16 QAM | 1@186  | 22.37 | 19.97 | 0.0993 |
| 7 | 15 | 40 | 504000 | 2520   | DFT-s-OFDM QPSK   | 108@54 | 23.36 | 20.96 | 0.1247 |
| 7 | 15 | 40 | 504000 | 2520   | DFT-s-OFDM QPSK   | 1@1    | 22.61 | 20.21 | 0.1050 |
| 7 | 15 | 40 | 504000 | 2520   | DFT-s-OFDM QPSK   | 1@214  | 22.25 | 19.85 | 0.0966 |
| 7 | 15 | 40 | 504000 | 2520   | DFT-s-OFDM 16 QAM | 108@54 | 22.38 | 19.98 | 0.0995 |
| 7 | 15 | 40 | 504000 | 2520   | DFT-s-OFDM 16 QAM | 1@1    | 21.95 | 19.55 | 0.0902 |
| 7 | 15 | 40 | 504000 | 2520   | DFT-s-OFDM 16 QAM | 1@214  | 21.47 | 19.07 | 0.0807 |
| 7 | 15 | 40 | 507000 | 2535   | DFT-s-OFDM QPSK   | 108@54 | 22.69 | 20.29 | 0.1069 |
| 7 | 15 | 40 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@1    | 23.27 | 20.87 | 0.1222 |
| 7 | 15 | 40 | 507000 | 2535   | DFT-s-OFDM QPSK   | 1@214  | 22.27 | 19.87 | 0.0971 |
| 7 | 15 | 40 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 108@54 | 21.72 | 19.32 | 0.0855 |
| 7 | 15 | 40 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@1    | 22.49 | 20.09 | 0.1021 |
| 7 | 15 | 40 | 507000 | 2535   | DFT-s-OFDM 16 QAM | 1@214  | 21.5  | 19.1  | 0.0813 |
| 7 | 15 | 40 | 510000 | 2550   | DFT-s-OFDM QPSK   | 108@54 | 22.34 | 19.94 | 0.0986 |
| 7 | 15 | 40 | 510000 | 2550   | DFT-s-OFDM QPSK   | 1@1    | 22.82 | 20.42 | 0.1102 |
| 7 | 15 | 40 | 510000 | 2550   | DFT-s-OFDM QPSK   | 1@214  | 22.93 | 20.53 | 0.1130 |
| 7 | 15 | 40 | 510000 | 2550   | DFT-s-OFDM 16 QAM | 108@54 | 21.38 | 18.98 | 0.0791 |
| 7 | 15 | 40 | 510000 | 2550   | DFT-s-OFDM 16 QAM | 1@1    | 22    | 19.6  | 0.0912 |
| 7 | 15 | 40 | 510000 | 2550   | DFT-s-OFDM 16 QAM | 1@214  | 22.37 | 19.97 | 0.0993 |



|   |    |    |        |      |                      |        |       |       |        |
|---|----|----|--------|------|----------------------|--------|-------|-------|--------|
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM PI/2 BPSK | 135@67 | 23.32 | 20.92 | 0.1236 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM PI/2 BPSK | 1@1    | 22.81 | 20.41 | 0.1099 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM PI/2 BPSK | 1@268  | 22.27 | 19.87 | 0.0971 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM QPSK      | 135@67 | 23.39 | 20.99 | 0.1256 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM QPSK      | 1@1    | 22.72 | 20.32 | 0.1076 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM QPSK      | 1@268  | 22.24 | 19.84 | 0.0964 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 16 QAM    | 135@67 | 22.35 | 19.95 | 0.0989 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 16 QAM    | 1@1    | 22.1  | 19.7  | 0.0933 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 16 QAM    | 1@268  | 21.42 | 19.02 | 0.0798 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 64 QAM    | 135@67 | 20.86 | 18.46 | 0.0701 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 64 QAM    | 1@1    | 20.58 | 18.18 | 0.0658 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 64 QAM    | 1@268  | 20    | 17.6  | 0.0575 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 256 QAM   | 135@67 | 18.83 | 16.43 | 0.0440 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 256 QAM   | 1@1    | 18.3  | 15.9  | 0.0389 |
| 7 | 15 | 50 | 505000 | 2525 | DFT-s-OFDM 256 QAM   | 1@268  | 17.73 | 15.33 | 0.0341 |
| 7 | 15 | 50 | 505000 | 2525 | CP-OFDM QPSK         | 135@67 | 21.83 | 19.43 | 0.0877 |
| 7 | 15 | 50 | 505000 | 2525 | CP-OFDM QPSK         | 1@1    | 21.16 | 18.76 | 0.0752 |
| 7 | 15 | 50 | 505000 | 2525 | CP-OFDM QPSK         | 1@268  | 20.66 | 18.26 | 0.0670 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM PI/2 BPSK | 135@67 | 22.87 | 20.47 | 0.1114 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.23 | 20.83 | 0.1211 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM PI/2 BPSK | 1@268  | 22.7  | 20.3  | 0.1072 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM QPSK      | 135@67 | 22.89 | 20.49 | 0.1119 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM QPSK      | 1@1    | 23.14 | 20.74 | 0.1186 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM QPSK      | 1@268  | 22.64 | 20.24 | 0.1057 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 16 QAM    | 135@67 | 21.88 | 19.48 | 0.0887 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 16 QAM    | 1@1    | 22.46 | 20.06 | 0.1014 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 16 QAM    | 1@268  | 21.89 | 19.49 | 0.0889 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 64 QAM    | 135@67 | 20.4  | 18    | 0.0631 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 64 QAM    | 1@1    | 20.91 | 18.51 | 0.0710 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 64 QAM    | 1@268  | 20.46 | 18.06 | 0.0640 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 256 QAM   | 135@67 | 18.4  | 16    | 0.0398 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 256 QAM   | 1@1    | 18.67 | 16.27 | 0.0424 |
| 7 | 15 | 50 | 507000 | 2535 | DFT-s-OFDM 256 QAM   | 1@268  | 18.18 | 15.78 | 0.0378 |
| 7 | 15 | 50 | 507000 | 2535 | CP-OFDM QPSK         | 135@67 | 21.41 | 19.01 | 0.0796 |
| 7 | 15 | 50 | 507000 | 2535 | CP-OFDM QPSK         | 1@1    | 21.54 | 19.14 | 0.0820 |
| 7 | 15 | 50 | 507000 | 2535 | CP-OFDM QPSK         | 1@268  | 21.09 | 18.69 | 0.0740 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM PI/2 BPSK | 135@67 | 22.46 | 20.06 | 0.1014 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.41 | 21.01 | 0.1262 |



|   |    |    |        |      |                      |        |       |       |        |
|---|----|----|--------|------|----------------------|--------|-------|-------|--------|
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM PI/2 BPSK | 1@268  | 23.12 | 20.72 | 0.1180 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM QPSK      | 135@67 | 22.53 | 20.13 | 0.1030 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM QPSK      | 1@1    | 23.38 | 20.98 | 0.1253 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM QPSK      | 1@268  | 23.02 | 20.62 | 0.1153 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 16 QAM    | 135@67 | 21.52 | 19.12 | 0.0817 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 16 QAM    | 1@1    | 22.67 | 20.27 | 0.1064 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 16 QAM    | 1@268  | 22.47 | 20.07 | 0.1016 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 64 QAM    | 135@67 | 20.03 | 17.63 | 0.0579 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 64 QAM    | 1@1    | 21.14 | 18.74 | 0.0748 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 64 QAM    | 1@268  | 20.81 | 18.41 | 0.0693 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 256 QAM   | 135@67 | 18.66 | 16.26 | 0.0423 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 256 QAM   | 1@1    | 18.82 | 16.42 | 0.0439 |
| 7 | 15 | 50 | 509000 | 2545 | DFT-s-OFDM 256 QAM   | 1@268  | 18.62 | 16.22 | 0.0419 |
| 7 | 15 | 50 | 509000 | 2545 | CP-OFDM QPSK         | 135@67 | 20.99 | 18.59 | 0.0723 |
| 7 | 15 | 50 | 509000 | 2545 | CP-OFDM QPSK         | 1@1    | 21.74 | 19.34 | 0.0859 |
| 7 | 15 | 50 | 509000 | 2545 | CP-OFDM QPSK         | 1@268  | 21.58 | 19.18 | 0.0828 |



# FR1 N38

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)=-1.3dB

| NR Band | SCS | BandWidth | Arfcn  | Freq (MHz) | Modulation        | RB   | Conducted Power(dBm) | EIRP(dBm) | EIRP(W) |
|---------|-----|-----------|--------|------------|-------------------|------|----------------------|-----------|---------|
| 38      | 30  | 10        | 515000 | 2575       | DFT-s-OFDM QPSK   | 12@6 | 23.08                | 21.78     | 0.1507  |
| 38      | 30  | 10        | 515000 | 2575       | DFT-s-OFDM QPSK   | 1@1  | 23.02                | 21.72     | 0.1486  |
| 38      | 30  | 10        | 515000 | 2575       | DFT-s-OFDM QPSK   | 1@22 | 23.04                | 21.74     | 0.1493  |
| 38      | 30  | 10        | 515000 | 2575       | DFT-s-OFDM 16 QAM | 12@6 | 22.15                | 20.85     | 0.1216  |
| 38      | 30  | 10        | 515000 | 2575       | DFT-s-OFDM 16 QAM | 1@1  | 22.04                | 20.74     | 0.1186  |
| 38      | 30  | 10        | 515000 | 2575       | DFT-s-OFDM 16 QAM | 1@22 | 21.99                | 20.69     | 0.1172  |
| 38      | 30  | 10        | 519000 | 2595       | DFT-s-OFDM QPSK   | 12@6 | 22.82                | 21.52     | 0.1419  |
| 38      | 30  | 10        | 519000 | 2595       | DFT-s-OFDM QPSK   | 1@1  | 22.75                | 21.45     | 0.1396  |
| 38      | 30  | 10        | 519000 | 2595       | DFT-s-OFDM QPSK   | 1@22 | 22.74                | 21.44     | 0.1393  |
| 38      | 30  | 10        | 519000 | 2595       | DFT-s-OFDM 16 QAM | 12@6 | 21.91                | 20.61     | 0.1151  |
| 38      | 30  | 10        | 519000 | 2595       | DFT-s-OFDM 16 QAM | 1@1  | 21.77                | 20.47     | 0.1114  |
| 38      | 30  | 10        | 519000 | 2595       | DFT-s-OFDM 16 QAM | 1@22 | 21.79                | 20.49     | 0.1119  |
| 38      | 30  | 10        | 523000 | 2615       | DFT-s-OFDM QPSK   | 12@6 | 23.05                | 21.75     | 0.1496  |
| 38      | 30  | 10        | 523000 | 2615       | DFT-s-OFDM QPSK   | 1@1  | 22.93                | 21.63     | 0.1455  |
| 38      | 30  | 10        | 523000 | 2615       | DFT-s-OFDM QPSK   | 1@22 | 23.06                | 21.76     | 0.1500  |
| 38      | 30  | 10        | 523000 | 2615       | DFT-s-OFDM 16 QAM | 12@6 | 22.14                | 20.84     | 0.1213  |
| 38      | 30  | 10        | 523000 | 2615       | DFT-s-OFDM 16 QAM | 1@1  | 21.92                | 20.62     | 0.1153  |
| 38      | 30  | 10        | 523000 | 2615       | DFT-s-OFDM 16 QAM | 1@22 | 22.05                | 20.75     | 0.1189  |
| 38      | 30  | 15        | 515500 | 2577.5     | DFT-s-OFDM QPSK   | 18@9 | 23.08                | 21.78     | 0.1507  |
| 38      | 30  | 15        | 515500 | 2577.5     | DFT-s-OFDM QPSK   | 1@1  | 23.08                | 21.78     | 0.1507  |
| 38      | 30  | 15        | 515500 | 2577.5     | DFT-s-OFDM QPSK   | 1@36 | 23.03                | 21.73     | 0.1489  |
| 38      | 30  | 15        | 515500 | 2577.5     | DFT-s-OFDM 16 QAM | 18@9 | 22.13                | 20.83     | 0.1211  |
| 38      | 30  | 15        | 515500 | 2577.5     | DFT-s-OFDM 16 QAM | 1@1  | 22.06                | 20.76     | 0.1191  |
| 38      | 30  | 15        | 515500 | 2577.5     | DFT-s-OFDM 16 QAM | 1@36 | 22                   | 20.7      | 0.1175  |
| 38      | 30  | 15        | 519000 | 2595       | DFT-s-OFDM QPSK   | 18@9 | 22.84                | 21.54     | 0.1426  |
| 38      | 30  | 15        | 519000 | 2595       | DFT-s-OFDM QPSK   | 1@1  | 22.86                | 21.56     | 0.1432  |
| 38      | 30  | 15        | 519000 | 2595       | DFT-s-OFDM QPSK   | 1@36 | 22.82                | 21.52     | 0.1419  |
| 38      | 30  | 15        | 519000 | 2595       | DFT-s-OFDM 16 QAM | 18@9 | 21.9                 | 20.6      | 0.1148  |
| 38      | 30  | 15        | 519000 | 2595       | DFT-s-OFDM 16 QAM | 1@1  | 21.81                | 20.51     | 0.1125  |
| 38      | 30  | 15        | 519000 | 2595       | DFT-s-OFDM 16 QAM | 1@36 | 21.83                | 20.53     | 0.1130  |
| 38      | 30  | 15        | 522500 | 2612.5     | DFT-s-OFDM QPSK   | 18@9 | 22.88                | 21.58     | 0.1439  |
| 38      | 30  | 15        | 522500 | 2612.5     | DFT-s-OFDM QPSK   | 1@1  | 22.77                | 21.47     | 0.1403  |
| 38      | 30  | 15        | 522500 | 2612.5     | DFT-s-OFDM QPSK   | 1@36 | 23.04                | 21.74     | 0.1493  |
| 38      | 30  | 15        | 522500 | 2612.5     | DFT-s-OFDM 16 QAM | 18@9 | 22.07                | 20.77     | 0.1194  |
| 38      | 30  | 15        | 522500 | 2612.5     | DFT-s-OFDM 16 QAM | 1@1  | 21.73                | 20.43     | 0.1104  |
| 38      | 30  | 15        | 522500 | 2612.5     | DFT-s-OFDM 16 QAM | 1@36 | 22.04                | 20.74     | 0.1186  |



|    |    |    |        |        |                   |       |       |       |        |
|----|----|----|--------|--------|-------------------|-------|-------|-------|--------|
| 38 | 30 | 20 | 516000 | 2580   | DFT-s-OFDM QPSK   | 25@12 | 22.85 | 21.55 | 0.1429 |
| 38 | 30 | 20 | 516000 | 2580   | DFT-s-OFDM QPSK   | 1@1   | 23.03 | 21.73 | 0.1489 |
| 38 | 30 | 20 | 516000 | 2580   | DFT-s-OFDM QPSK   | 1@49  | 22.88 | 21.58 | 0.1439 |
| 38 | 30 | 20 | 516000 | 2580   | DFT-s-OFDM 16 QAM | 25@12 | 22.11 | 20.81 | 0.1205 |
| 38 | 30 | 20 | 516000 | 2580   | DFT-s-OFDM 16 QAM | 1@1   | 21.98 | 20.68 | 0.1169 |
| 38 | 30 | 20 | 516000 | 2580   | DFT-s-OFDM 16 QAM | 1@49  | 21.88 | 20.58 | 0.1143 |
| 38 | 30 | 20 | 519000 | 2595   | DFT-s-OFDM QPSK   | 25@12 | 22.88 | 21.58 | 0.1439 |
| 38 | 30 | 20 | 519000 | 2595   | DFT-s-OFDM QPSK   | 1@1   | 22.92 | 21.62 | 0.1452 |
| 38 | 30 | 20 | 519000 | 2595   | DFT-s-OFDM QPSK   | 1@49  | 22.87 | 21.57 | 0.1435 |
| 38 | 30 | 20 | 519000 | 2595   | DFT-s-OFDM 16 QAM | 25@12 | 21.94 | 20.64 | 0.1159 |
| 38 | 30 | 20 | 519000 | 2595   | DFT-s-OFDM 16 QAM | 1@1   | 21.85 | 20.55 | 0.1135 |
| 38 | 30 | 20 | 519000 | 2595   | DFT-s-OFDM 16 QAM | 1@49  | 21.86 | 20.56 | 0.1138 |
| 38 | 30 | 20 | 522000 | 2610   | DFT-s-OFDM QPSK   | 25@12 | 22.99 | 21.69 | 0.1476 |
| 38 | 30 | 20 | 522000 | 2610   | DFT-s-OFDM QPSK   | 1@1   | 22.69 | 21.39 | 0.1377 |
| 38 | 30 | 20 | 522000 | 2610   | DFT-s-OFDM QPSK   | 1@49  | 23.03 | 21.73 | 0.1489 |
| 38 | 30 | 20 | 522000 | 2610   | DFT-s-OFDM 16 QAM | 25@12 | 22.06 | 20.76 | 0.1191 |
| 38 | 30 | 20 | 522000 | 2610   | DFT-s-OFDM 16 QAM | 1@1   | 21.67 | 20.37 | 0.1089 |
| 38 | 30 | 20 | 522000 | 2610   | DFT-s-OFDM 16 QAM | 1@49  | 22.05 | 20.75 | 0.1189 |
| 38 | 30 | 25 | 516500 | 2582.5 | DFT-s-OFDM QPSK   | 32@16 | 22.36 | 21.06 | 0.1276 |
| 38 | 30 | 25 | 516500 | 2582.5 | DFT-s-OFDM QPSK   | 1@1   | 22.9  | 21.6  | 0.1445 |
| 38 | 30 | 25 | 516500 | 2582.5 | DFT-s-OFDM QPSK   | 1@63  | 22.67 | 21.37 | 0.1371 |
| 38 | 30 | 25 | 516500 | 2582.5 | DFT-s-OFDM 16 QAM | 32@16 | 22.02 | 20.72 | 0.1180 |
| 38 | 30 | 25 | 516500 | 2582.5 | DFT-s-OFDM 16 QAM | 1@1   | 21.94 | 20.64 | 0.1159 |
| 38 | 30 | 25 | 516500 | 2582.5 | DFT-s-OFDM 16 QAM | 1@63  | 21.71 | 20.41 | 0.1099 |
| 38 | 30 | 25 | 519000 | 2595   | DFT-s-OFDM QPSK   | 32@16 | 22.83 | 21.53 | 0.1422 |
| 38 | 30 | 25 | 519000 | 2595   | DFT-s-OFDM QPSK   | 1@1   | 22.83 | 21.53 | 0.1422 |
| 38 | 30 | 25 | 519000 | 2595   | DFT-s-OFDM QPSK   | 1@63  | 22.81 | 21.51 | 0.1416 |
| 38 | 30 | 25 | 519000 | 2595   | DFT-s-OFDM 16 QAM | 32@16 | 21.85 | 20.55 | 0.1135 |
| 38 | 30 | 25 | 519000 | 2595   | DFT-s-OFDM 16 QAM | 1@1   | 21.77 | 20.47 | 0.1114 |
| 38 | 30 | 25 | 519000 | 2595   | DFT-s-OFDM 16 QAM | 1@63  | 21.78 | 20.48 | 0.1117 |
| 38 | 30 | 25 | 521500 | 2607.5 | DFT-s-OFDM QPSK   | 32@16 | 22.9  | 21.6  | 0.1445 |
| 38 | 30 | 25 | 521500 | 2607.5 | DFT-s-OFDM QPSK   | 1@1   | 22.57 | 21.27 | 0.1340 |
| 38 | 30 | 25 | 521500 | 2607.5 | DFT-s-OFDM QPSK   | 1@63  | 23.02 | 21.72 | 0.1486 |
| 38 | 30 | 25 | 521500 | 2607.5 | DFT-s-OFDM 16 QAM | 32@16 | 21.95 | 20.65 | 0.1161 |
| 38 | 30 | 25 | 521500 | 2607.5 | DFT-s-OFDM 16 QAM | 1@1   | 21.6  | 20.3  | 0.1072 |
| 38 | 30 | 25 | 521500 | 2607.5 | DFT-s-OFDM 16 QAM | 1@63  | 21.96 | 20.66 | 0.1164 |
| 38 | 30 | 30 | 517000 | 2585   | DFT-s-OFDM QPSK   | 36@18 | 22.97 | 21.67 | 0.1469 |
| 38 | 30 | 30 | 517000 | 2585   | DFT-s-OFDM QPSK   | 1@1   | 23.04 | 21.74 | 0.1493 |
| 38 | 30 | 30 | 517000 | 2585   | DFT-s-OFDM QPSK   | 1@76  | 22.81 | 21.51 | 0.1416 |
| 38 | 30 | 30 | 517000 | 2585   | DFT-s-OFDM 16 QAM | 36@18 | 21.97 | 20.67 | 0.1167 |
| 38 | 30 | 30 | 517000 | 2585   | DFT-s-OFDM 16 QAM | 1@1   | 22.09 | 20.79 | 0.1199 |
| 38 | 30 | 30 | 517000 | 2585   | DFT-s-OFDM 16 QAM | 1@76  | 21.83 | 20.53 | 0.1130 |
| 38 | 30 | 30 | 519000 | 2595   | DFT-s-OFDM QPSK   | 36@18 | 22.84 | 21.54 | 0.1426 |
| 38 | 30 | 30 | 519000 | 2595   | DFT-s-OFDM QPSK   | 1@1   | 22.95 | 21.65 | 0.1462 |



|    |    |    |        |      |                      |       |       |       |        |
|----|----|----|--------|------|----------------------|-------|-------|-------|--------|
| 38 | 30 | 30 | 519000 | 2595 | DFT-s-OFDM QPSK      | 1@76  | 22.91 | 21.61 | 0.1449 |
| 38 | 30 | 30 | 519000 | 2595 | DFT-s-OFDM 16 QAM    | 36@18 | 21.82 | 20.52 | 0.1127 |
| 38 | 30 | 30 | 519000 | 2595 | DFT-s-OFDM 16 QAM    | 1@1   | 21.94 | 20.64 | 0.1159 |
| 38 | 30 | 30 | 519000 | 2595 | DFT-s-OFDM 16 QAM    | 1@76  | 21.97 | 20.67 | 0.1167 |
| 38 | 30 | 30 | 521000 | 2605 | DFT-s-OFDM QPSK      | 36@18 | 22.86 | 21.56 | 0.1432 |
| 38 | 30 | 30 | 521000 | 2605 | DFT-s-OFDM QPSK      | 1@1   | 22.76 | 21.46 | 0.1400 |
| 38 | 30 | 30 | 521000 | 2605 | DFT-s-OFDM QPSK      | 1@76  | 23.06 | 21.76 | 0.1500 |
| 38 | 30 | 30 | 521000 | 2605 | DFT-s-OFDM 16 QAM    | 36@18 | 21.86 | 20.56 | 0.1138 |
| 38 | 30 | 30 | 521000 | 2605 | DFT-s-OFDM 16 QAM    | 1@1   | 21.75 | 20.45 | 0.1109 |
| 38 | 30 | 30 | 521000 | 2605 | DFT-s-OFDM 16 QAM    | 1@76  | 22.13 | 20.83 | 0.1211 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM PI/2 BPSK | 50@25 | 22.94 | 21.64 | 0.1459 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.05 | 21.75 | 0.1496 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.01 | 21.71 | 0.1483 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM QPSK      | 50@25 | 22.93 | 21.63 | 0.1455 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM QPSK      | 1@1   | 23.04 | 21.74 | 0.1493 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM QPSK      | 1@104 | 22.95 | 21.65 | 0.1462 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 16 QAM    | 50@25 | 21.97 | 20.67 | 0.1167 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 16 QAM    | 1@1   | 22.02 | 20.72 | 0.1180 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 16 QAM    | 1@104 | 21.95 | 20.65 | 0.1161 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 64 QAM    | 50@25 | 20.48 | 19.18 | 0.0828 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 64 QAM    | 1@1   | 20.57 | 19.27 | 0.0845 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 64 QAM    | 1@104 | 20.53 | 19.23 | 0.0838 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 256 QAM   | 50@25 | 18.48 | 17.18 | 0.0522 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 256 QAM   | 1@1   | 18.41 | 17.11 | 0.0514 |
| 38 | 30 | 40 | 518000 | 2590 | DFT-s-OFDM 256 QAM   | 1@104 | 18.4  | 17.1  | 0.0513 |
| 38 | 30 | 40 | 518000 | 2590 | CP-OFDM QPSK         | 53@26 | 21.41 | 20.11 | 0.1026 |
| 38 | 30 | 40 | 518000 | 2590 | CP-OFDM QPSK         | 1@1   | 21.41 | 20.11 | 0.1026 |
| 38 | 30 | 40 | 518000 | 2590 | CP-OFDM QPSK         | 1@104 | 21.46 | 20.16 | 0.1038 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM PI/2 BPSK | 50@25 | 22.89 | 21.59 | 0.1442 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.01 | 21.71 | 0.1483 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.09 | 21.79 | 0.1510 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM QPSK      | 50@25 | 22.85 | 21.55 | 0.1429 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM QPSK      | 1@1   | 23.01 | 21.71 | 0.1483 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM QPSK      | 1@104 | 23.1  | 21.8  | 0.1514 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 16 QAM    | 50@25 | 21.9  | 20.6  | 0.1148 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 16 QAM    | 1@1   | 21.99 | 20.69 | 0.1172 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 16 QAM    | 1@104 | 22.07 | 20.77 | 0.1194 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 64 QAM    | 50@25 | 20.4  | 19.1  | 0.0813 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 64 QAM    | 1@1   | 20.57 | 19.27 | 0.0845 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 64 QAM    | 1@104 | 20.6  | 19.3  | 0.0851 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 256 QAM   | 50@25 | 18.46 | 17.16 | 0.0520 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 256 QAM   | 1@1   | 18.4  | 17.1  | 0.0513 |
| 38 | 30 | 40 | 519000 | 2595 | DFT-s-OFDM 256 QAM   | 1@104 | 18.51 | 17.21 | 0.0526 |
| 38 | 30 | 40 | 519000 | 2595 | CP-OFDM QPSK         | 53@26 | 21.33 | 20.03 | 0.1007 |



|    |    |    |        |      |                      |       |       |       |        |
|----|----|----|--------|------|----------------------|-------|-------|-------|--------|
| 38 | 30 | 40 | 519000 | 2595 | CP-OFDM QPSK         | 1@1   | 21.42 | 20.12 | 0.1028 |
| 38 | 30 | 40 | 519000 | 2595 | CP-OFDM QPSK         | 1@104 | 21.54 | 20.24 | 0.1057 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM PI/2 BPSK | 50@25 | 22.87 | 21.57 | 0.1435 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.91 | 21.61 | 0.1449 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.1  | 21.8  | 0.1514 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM QPSK      | 50@25 | 22.81 | 21.51 | 0.1416 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM QPSK      | 1@1   | 22.85 | 21.55 | 0.1429 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM QPSK      | 1@104 | 23.08 | 21.78 | 0.1507 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 16 QAM    | 50@25 | 21.9  | 20.6  | 0.1148 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 16 QAM    | 1@1   | 21.87 | 20.57 | 0.1140 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 16 QAM    | 1@104 | 22.12 | 20.82 | 0.1208 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 64 QAM    | 50@25 | 20.43 | 19.13 | 0.0818 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 64 QAM    | 1@1   | 20.49 | 19.19 | 0.0830 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 64 QAM    | 1@104 | 20.62 | 19.32 | 0.0855 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 256 QAM   | 50@25 | 18.41 | 17.11 | 0.0514 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 256 QAM   | 1@1   | 18.27 | 16.97 | 0.0498 |
| 38 | 30 | 40 | 520000 | 2600 | DFT-s-OFDM 256 QAM   | 1@104 | 18.52 | 17.22 | 0.0527 |
| 38 | 30 | 40 | 520000 | 2600 | CP-OFDM QPSK         | 53@26 | 21.3  | 20    | 0.1000 |
| 38 | 30 | 40 | 520000 | 2600 | CP-OFDM QPSK         | 1@1   | 21.31 | 20.01 | 0.1002 |
| 38 | 30 | 40 | 520000 | 2600 | CP-OFDM QPSK         | 1@104 | 21.61 | 20.31 | 0.1074 |



Software Version: 23.06.1602

## FR1 N41

LTE Band: 4, LTE BW: 10M, LTE ARFCN: Mid

**Transmitter Conducted Output Power And EIRP, ( $G_T - L_c$ )=-1.3dB**

| NR Band | SCS | BandWidth | Arfcn  | Freq (MHz) | Modulation        | RB   | Conducted Power(dBm) | EIRP(dBm) | EIRP(W) |
|---------|-----|-----------|--------|------------|-------------------|------|----------------------|-----------|---------|
| 41      | 30  | 10        | 500202 | 2501.01    | DFT-s-OFDM QPSK   | 12@6 | 22.91                | 21.61     | 0.1449  |
| 41      | 30  | 10        | 500202 | 2501.01    | DFT-s-OFDM QPSK   | 1@1  | 22.66                | 21.36     | 0.1368  |
| 41      | 30  | 10        | 500202 | 2501.01    | DFT-s-OFDM QPSK   | 1@22 | 22.9                 | 21.6      | 0.1445  |
| 41      | 30  | 10        | 500202 | 2501.01    | DFT-s-OFDM 16 QAM | 12@6 | 21.99                | 20.69     | 0.1172  |
| 41      | 30  | 10        | 500202 | 2501.01    | DFT-s-OFDM 16 QAM | 1@1  | 21.67                | 20.37     | 0.1089  |
| 41      | 30  | 10        | 500202 | 2501.01    | DFT-s-OFDM 16 QAM | 1@22 | 21.95                | 20.65     | 0.1161  |
| 41      | 30  | 10        | 518598 | 2592.99    | DFT-s-OFDM QPSK   | 12@6 | 22.78                | 21.48     | 0.1406  |
| 41      | 30  | 10        | 518598 | 2592.99    | DFT-s-OFDM QPSK   | 1@1  | 22.79                | 21.49     | 0.1409  |
| 41      | 30  | 10        | 518598 | 2592.99    | DFT-s-OFDM QPSK   | 1@22 | 22.75                | 21.45     | 0.1396  |
| 41      | 30  | 10        | 518598 | 2592.99    | DFT-s-OFDM 16 QAM | 12@6 | 21.76                | 20.46     | 0.1112  |
| 41      | 30  | 10        | 518598 | 2592.99    | DFT-s-OFDM 16 QAM | 1@1  | 21.81                | 20.51     | 0.1125  |
| 41      | 30  | 10        | 518598 | 2592.99    | DFT-s-OFDM 16 QAM | 1@22 | 21.74                | 20.44     | 0.1107  |
| 41      | 30  | 10        | 537000 | 2685       | DFT-s-OFDM QPSK   | 12@6 | 23.34                | 22.04     | 0.1600  |
| 41      | 30  | 10        | 537000 | 2685       | DFT-s-OFDM QPSK   | 1@1  | 23.26                | 21.96     | 0.1570  |
| 41      | 30  | 10        | 537000 | 2685       | DFT-s-OFDM QPSK   | 1@22 | 23.13                | 21.83     | 0.1524  |
| 41      | 30  | 10        | 537000 | 2685       | DFT-s-OFDM 16 QAM | 12@6 | 22.33                | 21.03     | 0.1268  |
| 41      | 30  | 10        | 537000 | 2685       | DFT-s-OFDM 16 QAM | 1@1  | 22.2                 | 20.9      | 0.1230  |
| 41      | 30  | 10        | 537000 | 2685       | DFT-s-OFDM 16 QAM | 1@22 | 22.19                | 20.89     | 0.1227  |
| 41      | 30  | 15        | 500700 | 2503.5     | DFT-s-OFDM QPSK   | 18@9 | 23.03                | 21.73     | 0.1489  |
| 41      | 30  | 15        | 500700 | 2503.5     | DFT-s-OFDM QPSK   | 1@1  | 22.69                | 21.39     | 0.1377  |
| 41      | 30  | 15        | 500700 | 2503.5     | DFT-s-OFDM QPSK   | 1@36 | 23.16                | 21.86     | 0.1535  |
| 41      | 30  | 15        | 500700 | 2503.5     | DFT-s-OFDM 16 QAM | 18@9 | 22.05                | 20.75     | 0.1189  |
| 41      | 30  | 15        | 500700 | 2503.5     | DFT-s-OFDM 16 QAM | 1@1  | 21.75                | 20.45     | 0.1109  |
| 41      | 30  | 15        | 500700 | 2503.5     | DFT-s-OFDM 16 QAM | 1@36 | 22.16                | 20.86     | 0.1219  |
| 41      | 30  | 15        | 518598 | 2592.99    | DFT-s-OFDM QPSK   | 18@9 | 22.78                | 21.48     | 0.1406  |



|    |    |    |        |         |                      |       |       |       |        |
|----|----|----|--------|---------|----------------------|-------|-------|-------|--------|
| 41 | 30 | 15 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.85 | 21.55 | 0.1429 |
| 41 | 30 | 15 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@36  | 22.78 | 21.48 | 0.1406 |
| 41 | 30 | 15 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 18@9  | 21.86 | 20.56 | 0.1138 |
| 41 | 30 | 15 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.84 | 20.54 | 0.1132 |
| 41 | 30 | 15 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@36  | 21.77 | 20.47 | 0.1114 |
| 41 | 30 | 15 | 536496 | 2682.48 | DFT-s-OFDM<br>QPSK   | 18@9  | 23.33 | 22.03 | 0.1596 |
| 41 | 30 | 15 | 536496 | 2682.48 | DFT-s-OFDM<br>QPSK   | 1@1   | 23.15 | 21.85 | 0.1531 |
| 41 | 30 | 15 | 536496 | 2682.48 | DFT-s-OFDM<br>QPSK   | 1@36  | 23.16 | 21.86 | 0.1535 |
| 41 | 30 | 15 | 536496 | 2682.48 | DFT-s-OFDM 16<br>QAM | 18@9  | 22.38 | 21.08 | 0.1282 |
| 41 | 30 | 15 | 536496 | 2682.48 | DFT-s-OFDM 16<br>QAM | 1@1   | 22.2  | 20.9  | 0.1230 |
| 41 | 30 | 15 | 536496 | 2682.48 | DFT-s-OFDM 16<br>QAM | 1@36  | 22.12 | 20.82 | 0.1208 |
| 41 | 30 | 20 | 501204 | 2506.02 | DFT-s-OFDM<br>QPSK   | 25@12 | 23.12 | 21.82 | 0.1521 |
| 41 | 30 | 20 | 501204 | 2506.02 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.76 | 21.46 | 0.1400 |
| 41 | 30 | 20 | 501204 | 2506.02 | DFT-s-OFDM<br>QPSK   | 1@49  | 23.23 | 21.93 | 0.1560 |
| 41 | 30 | 20 | 501204 | 2506.02 | DFT-s-OFDM 16<br>QAM | 25@12 | 22.18 | 20.88 | 0.1225 |
| 41 | 30 | 20 | 501204 | 2506.02 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.74 | 20.44 | 0.1107 |
| 41 | 30 | 20 | 501204 | 2506.02 | DFT-s-OFDM 16<br>QAM | 1@49  | 22.27 | 20.97 | 0.1250 |
| 41 | 30 | 20 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 25@12 | 22.83 | 21.53 | 0.1422 |
| 41 | 30 | 20 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.91 | 21.61 | 0.1449 |
| 41 | 30 | 20 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@49  | 22.82 | 21.52 | 0.1419 |
| 41 | 30 | 20 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 25@12 | 21.86 | 20.56 | 0.1138 |
| 41 | 30 | 20 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.89 | 20.59 | 0.1146 |
| 41 | 30 | 20 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@49  | 21.81 | 20.51 | 0.1125 |
| 41 | 30 | 20 | 535998 | 2679.99 | DFT-s-OFDM<br>QPSK   | 25@12 | 21.85 | 20.55 | 0.1135 |
| 41 | 30 | 20 | 535998 | 2679.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 23.02 | 21.72 | 0.1486 |
| 41 | 30 | 20 | 535998 | 2679.99 | DFT-s-OFDM<br>QPSK   | 1@49  | 23.21 | 21.91 | 0.1552 |
| 41 | 30 | 20 | 535998 | 2679.99 | DFT-s-OFDM 16<br>QAM | 25@12 | 22.45 | 21.15 | 0.1303 |
| 41 | 30 | 20 | 535998 | 2679.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 22.07 | 20.77 | 0.1194 |
| 41 | 30 | 20 | 535998 | 2679.99 | DFT-s-OFDM 16<br>QAM | 1@49  | 22.19 | 20.89 | 0.1227 |
| 41 | 30 | 25 | 501702 | 2508.51 | DFT-s-OFDM<br>QPSK   | 32@16 | 23.16 | 21.86 | 0.1535 |
| 41 | 30 | 25 | 501702 | 2508.51 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.65 | 21.35 | 0.1365 |
| 41 | 30 | 25 | 501702 | 2508.51 | DFT-s-OFDM           | 1@63  | 23.07 | 21.77 | 0.1503 |



|    |    |    |        |         |                   |       |       |       |        |
|----|----|----|--------|---------|-------------------|-------|-------|-------|--------|
|    |    |    |        |         | QPSK              |       |       |       |        |
| 41 | 30 | 25 | 501702 | 2508.51 | DFT-s-OFDM 16 QAM | 32@16 | 22.21 | 20.91 | 0.1233 |
| 41 | 30 | 25 | 501702 | 2508.51 | DFT-s-OFDM 16 QAM | 1@1   | 21.68 | 20.38 | 0.1091 |
| 41 | 30 | 25 | 501702 | 2508.51 | DFT-s-OFDM 16 QAM | 1@63  | 22.12 | 20.82 | 0.1208 |
| 41 | 30 | 25 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 32@16 | 22.76 | 21.46 | 0.1400 |
| 41 | 30 | 25 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@1   | 22.78 | 21.48 | 0.1406 |
| 41 | 30 | 25 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@63  | 22.75 | 21.45 | 0.1396 |
| 41 | 30 | 25 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 32@16 | 21.8  | 20.5  | 0.1122 |
| 41 | 30 | 25 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@1   | 21.81 | 20.51 | 0.1125 |
| 41 | 30 | 25 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@63  | 21.71 | 20.41 | 0.1099 |
| 41 | 30 | 25 | 535500 | 2677.5  | DFT-s-OFDM QPSK   | 32@16 | 23.25 | 21.95 | 0.1567 |
| 41 | 30 | 25 | 535500 | 2677.5  | DFT-s-OFDM QPSK   | 1@1   | 22.69 | 21.39 | 0.1377 |
| 41 | 30 | 25 | 535500 | 2677.5  | DFT-s-OFDM QPSK   | 1@63  | 23.11 | 21.81 | 0.1517 |
| 41 | 30 | 25 | 535500 | 2677.5  | DFT-s-OFDM 16 QAM | 32@16 | 22.29 | 20.99 | 0.1256 |
| 41 | 30 | 25 | 535500 | 2677.5  | DFT-s-OFDM 16 QAM | 1@1   | 21.66 | 20.36 | 0.1086 |
| 41 | 30 | 25 | 535500 | 2677.5  | DFT-s-OFDM 16 QAM | 1@63  | 22.1  | 20.8  | 0.1202 |
| 41 | 30 | 30 | 502200 | 2511    | DFT-s-OFDM QPSK   | 36@18 | 23.21 | 21.91 | 0.1552 |
| 41 | 30 | 30 | 502200 | 2511    | DFT-s-OFDM QPSK   | 1@1   | 22.78 | 21.48 | 0.1406 |
| 41 | 30 | 30 | 502200 | 2511    | DFT-s-OFDM QPSK   | 1@76  | 22.93 | 21.63 | 0.1455 |
| 41 | 30 | 30 | 502200 | 2511    | DFT-s-OFDM 16 QAM | 36@18 | 22.22 | 20.92 | 0.1236 |
| 41 | 30 | 30 | 502200 | 2511    | DFT-s-OFDM 16 QAM | 1@1   | 21.77 | 20.47 | 0.1114 |
| 41 | 30 | 30 | 502200 | 2511    | DFT-s-OFDM 16 QAM | 1@76  | 22.02 | 20.72 | 0.1180 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 36@18 | 22.77 | 21.47 | 0.1403 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@1   | 22.91 | 21.61 | 0.1449 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@76  | 22.86 | 21.56 | 0.1432 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 36@18 | 21.79 | 20.49 | 0.1119 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@1   | 21.95 | 20.65 | 0.1161 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@76  | 21.86 | 20.56 | 0.1138 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM QPSK   | 36@18 | 23.12 | 21.82 | 0.1521 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM QPSK   | 1@1   | 22.48 | 21.18 | 0.1312 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM QPSK   | 1@76  | 23.09 | 21.79 | 0.1510 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM 16 QAM | 36@18 | 22.13 | 20.83 | 0.1211 |



|    |    |    |        |         |                   |       |       |       |        |
|----|----|----|--------|---------|-------------------|-------|-------|-------|--------|
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM 16 QAM | 1@1   | 21.5  | 20.2  | 0.1047 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM 16 QAM | 1@76  | 22.05 | 20.75 | 0.1189 |
| 41 | 30 | 35 | 502704 | 2513.52 | DFT-s-OFDM QPSK   | 45@22 | 23.23 | 21.93 | 0.1560 |
| 41 | 30 | 35 | 502704 | 2513.52 | DFT-s-OFDM QPSK   | 1@1   | 22.75 | 21.45 | 0.1396 |
| 41 | 30 | 35 | 502704 | 2513.52 | DFT-s-OFDM QPSK   | 1@90  | 22.75 | 21.45 | 0.1396 |
| 41 | 30 | 35 | 502704 | 2513.52 | DFT-s-OFDM 16 QAM | 45@22 | 22.28 | 20.98 | 0.1253 |
| 41 | 30 | 35 | 502704 | 2513.52 | DFT-s-OFDM 16 QAM | 1@1   | 21.73 | 20.43 | 0.1104 |
| 41 | 30 | 35 | 502704 | 2513.52 | DFT-s-OFDM 16 QAM | 1@90  | 21.74 | 20.44 | 0.1107 |
| 41 | 30 | 35 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 45@22 | 22.81 | 21.51 | 0.1416 |
| 41 | 30 | 35 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@1   | 22.93 | 21.63 | 0.1455 |
| 41 | 30 | 35 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@90  | 22.92 | 21.62 | 0.1452 |
| 41 | 30 | 35 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 45@22 | 21.81 | 20.51 | 0.1125 |
| 41 | 30 | 35 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@1   | 21.95 | 20.65 | 0.1161 |
| 41 | 30 | 35 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@90  | 21.95 | 20.65 | 0.1161 |
| 41 | 30 | 35 | 534498 | 2672.49 | DFT-s-OFDM QPSK   | 45@22 | 23.08 | 21.78 | 0.1507 |
| 41 | 30 | 35 | 534498 | 2672.49 | DFT-s-OFDM QPSK   | 1@1   | 22.34 | 21.04 | 0.1271 |
| 41 | 30 | 35 | 534498 | 2672.49 | DFT-s-OFDM QPSK   | 1@90  | 23.17 | 21.87 | 0.1538 |
| 41 | 30 | 35 | 534498 | 2672.49 | DFT-s-OFDM 16 QAM | 45@22 | 22.12 | 20.82 | 0.1208 |
| 41 | 30 | 35 | 534498 | 2672.49 | DFT-s-OFDM 16 QAM | 1@1   | 21.25 | 19.95 | 0.0989 |
| 41 | 30 | 35 | 534498 | 2672.49 | DFT-s-OFDM 16 QAM | 1@90  | 22.17 | 20.87 | 0.1222 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM QPSK   | 50@25 | 23.24 | 21.94 | 0.1563 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM QPSK   | 1@1   | 22.75 | 21.45 | 0.1396 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM QPSK   | 1@104 | 22.5  | 21.2  | 0.1318 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM 16 QAM | 50@25 | 22.27 | 20.97 | 0.1250 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM 16 QAM | 1@1   | 21.71 | 20.41 | 0.1099 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM 16 QAM | 1@104 | 21.53 | 20.23 | 0.1054 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 50@25 | 22.79 | 21.49 | 0.1409 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@1   | 22.97 | 21.67 | 0.1469 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@104 | 22.97 | 21.67 | 0.1469 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 50@25 | 21.83 | 20.53 | 0.1130 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@1   | 21.98 | 20.68 | 0.1169 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@104 | 22.01 | 20.71 | 0.1178 |



|    |    |    |        |         |                      |       |       |       |        |
|----|----|----|--------|---------|----------------------|-------|-------|-------|--------|
|    |    |    |        |         | QAM                  |       |       |       |        |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM<br>QPSK   | 50@25 | 22.97 | 21.67 | 0.1469 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM<br>QPSK   | 1@1   | 22.27 | 20.97 | 0.1250 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM<br>QPSK   | 1@104 | 23.11 | 21.81 | 0.1517 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM 16<br>QAM | 50@25 | 22.02 | 20.72 | 0.1180 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM 16<br>QAM | 1@1   | 21.19 | 19.89 | 0.0975 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM 16<br>QAM | 1@104 | 22.17 | 20.87 | 0.1222 |
| 41 | 30 | 45 | 503700 | 2518.5  | DFT-s-OFDM<br>QPSK   | 54@27 | 23.28 | 21.98 | 0.1578 |
| 41 | 30 | 45 | 503700 | 2518.5  | DFT-s-OFDM<br>QPSK   | 1@1   | 22.77 | 21.47 | 0.1403 |
| 41 | 30 | 45 | 503700 | 2518.5  | DFT-s-OFDM<br>QPSK   | 1@117 | 22.33 | 21.03 | 0.1268 |
| 41 | 30 | 45 | 503700 | 2518.5  | DFT-s-OFDM 16<br>QAM | 54@27 | 22.27 | 20.97 | 0.1250 |
| 41 | 30 | 45 | 503700 | 2518.5  | DFT-s-OFDM 16<br>QAM | 1@1   | 21.7  | 20.4  | 0.1096 |
| 41 | 30 | 45 | 503700 | 2518.5  | DFT-s-OFDM 16<br>QAM | 1@117 | 21.29 | 19.99 | 0.0998 |
| 41 | 30 | 45 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 54@27 | 22.82 | 21.52 | 0.1419 |
| 41 | 30 | 45 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.91 | 21.61 | 0.1449 |
| 41 | 30 | 45 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@117 | 23.03 | 21.73 | 0.1489 |
| 41 | 30 | 45 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 54@27 | 21.86 | 20.56 | 0.1138 |
| 41 | 30 | 45 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.94 | 20.64 | 0.1159 |
| 41 | 30 | 45 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@117 | 22.07 | 20.77 | 0.1194 |
| 41 | 30 | 45 | 533496 | 2667.48 | DFT-s-OFDM<br>QPSK   | 54@27 | 22.87 | 21.57 | 0.1435 |
| 41 | 30 | 45 | 533496 | 2667.48 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.22 | 20.92 | 0.1236 |
| 41 | 30 | 45 | 533496 | 2667.48 | DFT-s-OFDM<br>QPSK   | 1@117 | 23.14 | 21.84 | 0.1528 |
| 41 | 30 | 45 | 533496 | 2667.48 | DFT-s-OFDM 16<br>QAM | 54@27 | 21.9  | 20.6  | 0.1148 |
| 41 | 30 | 45 | 533496 | 2667.48 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.17 | 19.87 | 0.0971 |
| 41 | 30 | 45 | 533496 | 2667.48 | DFT-s-OFDM 16<br>QAM | 1@117 | 22.18 | 20.88 | 0.1225 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM<br>QPSK   | 64@32 | 23.15 | 21.85 | 0.1531 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.66 | 21.36 | 0.1368 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM<br>QPSK   | 1@131 | 22.23 | 20.93 | 0.1239 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM 16<br>QAM | 64@32 | 22.14 | 20.84 | 0.1213 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.65 | 20.35 | 0.1084 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM 16<br>QAM | 1@131 | 21.2  | 19.9  | 0.0977 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 64@32 | 22.84 | 21.54 | 0.1426 |



|    |    |    |        |         |                      |       |       |       |        |
|----|----|----|--------|---------|----------------------|-------|-------|-------|--------|
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.92 | 21.62 | 0.1452 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@131 | 23.07 | 21.77 | 0.1503 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 64@32 | 21.83 | 20.53 | 0.1130 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.81 | 20.51 | 0.1125 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@131 | 22.11 | 20.81 | 0.1205 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM<br>QPSK   | 64@32 | 22.75 | 21.45 | 0.1396 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.2  | 20.9  | 0.1230 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM<br>QPSK   | 1@131 | 23.11 | 21.81 | 0.1517 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM 16<br>QAM | 64@32 | 21.77 | 20.47 | 0.1114 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.15 | 19.85 | 0.0966 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM 16<br>QAM | 1@131 | 22.13 | 20.83 | 0.1211 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM<br>QPSK   | 81@40 | 22.89 | 21.59 | 0.1442 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM<br>QPSK   | 1@1   | 22.72 | 21.42 | 0.1387 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM<br>QPSK   | 1@160 | 22.55 | 21.25 | 0.1334 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM 16<br>QAM | 81@40 | 21.94 | 20.64 | 0.1159 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM 16<br>QAM | 1@1   | 21.69 | 20.39 | 0.1094 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM 16<br>QAM | 1@160 | 21.47 | 20.17 | 0.1040 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 81@40 | 22.78 | 21.48 | 0.1406 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.82 | 21.52 | 0.1419 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@160 | 23.17 | 21.87 | 0.1538 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 81@40 | 21.84 | 20.54 | 0.1132 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.83 | 20.53 | 0.1130 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@160 | 22.17 | 20.87 | 0.1222 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM<br>QPSK   | 81@40 | 22.61 | 21.31 | 0.1352 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.64 | 21.34 | 0.1361 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM<br>QPSK   | 1@160 | 23.28 | 21.98 | 0.1578 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM 16<br>QAM | 81@40 | 21.62 | 20.32 | 0.1076 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM 16<br>QAM | 1@1   | 21.54 | 20.24 | 0.1057 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM 16<br>QAM | 1@160 | 22.28 | 20.98 | 0.1253 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM<br>QPSK   | 90@45 | 23    | 21.7  | 0.1479 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM<br>QPSK   | 1@1   | 22.9  | 21.6  | 0.1445 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM           | 1@187 | 22.96 | 21.66 | 0.1466 |



|    |    |    |        |         |                   |        |       |       |        |
|----|----|----|--------|---------|-------------------|--------|-------|-------|--------|
|    |    |    |        |         | QPSK              |        |       |       |        |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM 16 QAM | 90@45  | 22.02 | 20.72 | 0.1180 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM 16 QAM | 1@1    | 21.83 | 20.53 | 0.1130 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM 16 QAM | 1@187  | 21.95 | 20.65 | 0.1161 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 90@45  | 23.03 | 21.73 | 0.1489 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@1    | 22.74 | 21.44 | 0.1393 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@187  | 23.17 | 21.87 | 0.1538 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 90@45  | 22.07 | 20.77 | 0.1194 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@1    | 21.74 | 20.44 | 0.1107 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@187  | 22.21 | 20.91 | 0.1233 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM QPSK   | 90@45  | 22.84 | 21.54 | 0.1426 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM QPSK   | 1@1    | 23.04 | 21.74 | 0.1493 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM QPSK   | 1@187  | 23.47 | 22.17 | 0.1648 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM 16 QAM | 90@45  | 21.85 | 20.55 | 0.1135 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM 16 QAM | 1@1    | 21.99 | 20.69 | 0.1172 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM 16 QAM | 1@187  | 22.5  | 21.2  | 0.1318 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM QPSK   | 108@54 | 22.84 | 21.54 | 0.1426 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM QPSK   | 1@1    | 22.97 | 21.67 | 0.1469 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM QPSK   | 1@215  | 23.14 | 21.84 | 0.1528 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM 16 QAM | 108@54 | 21.87 | 20.57 | 0.1140 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM 16 QAM | 1@1    | 21.97 | 20.67 | 0.1167 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM 16 QAM | 1@215  | 22.17 | 20.87 | 0.1222 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 108@54 | 23.01 | 21.71 | 0.1483 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@1    | 22.57 | 21.27 | 0.1340 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM QPSK   | 1@215  | 23.12 | 21.82 | 0.1521 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 108@54 | 22.03 | 20.73 | 0.1183 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@1    | 21.53 | 20.23 | 0.1054 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM | 1@215  | 22.14 | 20.84 | 0.1213 |
| 41 | 30 | 80 | 529998 | 2649.99 | DFT-s-OFDM QPSK   | 108@54 | 22.81 | 21.51 | 0.1416 |
| 41 | 30 | 80 | 529998 | 2649.99 | DFT-s-OFDM QPSK   | 1@1    | 22.94 | 21.64 | 0.1459 |
| 41 | 30 | 80 | 529998 | 2649.99 | DFT-s-OFDM QPSK   | 1@215  | 23.53 | 22.23 | 0.1671 |
| 41 | 30 | 80 | 529998 | 2649.99 | DFT-s-OFDM 16 QAM | 108@54 | 21.85 | 20.55 | 0.1135 |



|    |    |     |        |         |                      |        |       |       |        |
|----|----|-----|--------|---------|----------------------|--------|-------|-------|--------|
| 41 | 30 | 80  | 529998 | 2649.99 | DFT-s-OFDM 16 QAM    | 1@1    | 21.84 | 20.54 | 0.1132 |
| 41 | 30 | 80  | 529998 | 2649.99 | DFT-s-OFDM 16 QAM    | 1@215  | 22.54 | 21.24 | 0.1330 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM QPSK      | 120@60 | 22.81 | 21.51 | 0.1416 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM QPSK      | 1@1    | 22.89 | 21.59 | 0.1442 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM QPSK      | 1@243  | 22.98 | 21.68 | 0.1472 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM 16 QAM    | 120@60 | 21.8  | 20.5  | 0.1122 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM 16 QAM    | 1@1    | 21.95 | 20.65 | 0.1161 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM 16 QAM    | 1@243  | 22    | 20.7  | 0.1175 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 120@60 | 23.04 | 21.74 | 0.1493 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 1@1    | 22.36 | 21.06 | 0.1276 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 1@243  | 22.95 | 21.65 | 0.1462 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 120@60 | 22.06 | 20.76 | 0.1191 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@1    | 21.39 | 20.09 | 0.1021 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@243  | 21.93 | 20.63 | 0.1156 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM QPSK      | 120@60 | 22.8  | 21.5  | 0.1413 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM QPSK      | 1@1    | 22.6  | 21.3  | 0.1349 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM QPSK      | 1@243  | 23.46 | 22.16 | 0.1644 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM 16 QAM    | 120@60 | 21.84 | 20.54 | 0.1132 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM 16 QAM    | 1@1    | 21.6  | 20.3  | 0.1072 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM 16 QAM    | 1@243  | 22.48 | 21.18 | 0.1312 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM PI/2 BPSK | 135@67 | 22.76 | 21.46 | 0.1400 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.03 | 21.73 | 0.1489 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM PI/2 BPSK | 1@271  | 22.91 | 21.61 | 0.1449 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK      | 135@67 | 17.74 | 16.44 | 0.0441 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK      | 1@1    | 19.29 | 17.99 | 0.0630 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK      | 1@271  | 22.75 | 21.45 | 0.1396 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 16 QAM    | 135@67 | 21.49 | 20.19 | 0.1045 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 16 QAM    | 1@1    | 21.67 | 20.37 | 0.1089 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 16 QAM    | 1@271  | 21.74 | 20.44 | 0.1107 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 64 QAM    | 135@67 | 20.24 | 18.94 | 0.0783 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 64 QAM    | 1@1    | 20.42 | 19.12 | 0.0817 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 64 QAM    | 1@271  | 20.23 | 18.93 | 0.0782 |



|    |    |     |        |         |                      |        |       |       |        |
|----|----|-----|--------|---------|----------------------|--------|-------|-------|--------|
|    |    |     |        |         | QAM                  |        |       |       |        |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 256 QAM   | 135@67 | 19.02 | 17.72 | 0.0592 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 256 QAM   | 1@1    | 18.32 | 17.02 | 0.0504 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 256 QAM   | 1@271  | 18.23 | 16.93 | 0.0493 |
| 41 | 30 | 100 | 509202 | 2546.01 | CP-OFDM QPSK         | 137@68 | 21.28 | 19.98 | 0.0995 |
| 41 | 30 | 100 | 509202 | 2546.01 | CP-OFDM QPSK         | 1@1    | 21.39 | 20.09 | 0.1021 |
| 41 | 30 | 100 | 509202 | 2546.01 | CP-OFDM QPSK         | 1@271  | 21.31 | 20.01 | 0.1002 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM PI/2 BPSK | 135@67 | 22.99 | 21.69 | 0.1476 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM PI/2 BPSK | 1@1    | 22.39 | 21.09 | 0.1285 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM PI/2 BPSK | 1@271  | 22.87 | 21.57 | 0.1435 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 135@67 | 23.02 | 21.72 | 0.1486 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 1@1    | 22.37 | 21.07 | 0.1279 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 1@271  | 22.77 | 21.47 | 0.1403 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 135@67 | 22.08 | 20.78 | 0.1197 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@1    | 21.31 | 20.01 | 0.1002 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@271  | 21.8  | 20.5  | 0.1122 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 64 QAM    | 135@67 | 20.6  | 19.3  | 0.0851 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 64 QAM    | 1@1    | 19.97 | 18.67 | 0.0736 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 64 QAM    | 1@271  | 20.33 | 19.03 | 0.0800 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 256 QAM   | 135@67 | 18.59 | 17.29 | 0.0536 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 256 QAM   | 1@1    | 17.7  | 16.4  | 0.0437 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 256 QAM   | 1@271  | 18.19 | 16.89 | 0.0489 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM QPSK         | 137@68 | 21.49 | 20.19 | 0.1045 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM QPSK         | 1@1    | 20.79 | 19.49 | 0.0889 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM QPSK         | 1@271  | 21.27 | 19.97 | 0.0993 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM PI/2 BPSK | 135@67 | 22.78 | 21.48 | 0.1406 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM PI/2 BPSK | 1@1    | 22.72 | 21.42 | 0.1387 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM PI/2 BPSK | 1@271  | 23.62 | 22.32 | 0.1706 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM QPSK      | 135@67 | 22.88 | 21.58 | 0.1439 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM QPSK      | 1@1    | 22.69 | 21.39 | 0.1377 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM QPSK      | 1@271  | 23.53 | 22.23 | 0.1671 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM 16 QAM    | 135@67 | 21.92 | 20.62 | 0.1153 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM 16 QAM    | 1@1    | 21.74 | 20.44 | 0.1107 |



|    |    |     |        |      |                    |        |       |       |        |
|----|----|-----|--------|------|--------------------|--------|-------|-------|--------|
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 16 QAM  | 1@271  | 22.52 | 21.22 | 0.1324 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 64 QAM  | 135@67 | 20.42 | 19.12 | 0.0817 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 64 QAM  | 1@1    | 20.19 | 18.89 | 0.0774 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 64 QAM  | 1@271  | 21.1  | 19.8  | 0.0955 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 256 QAM | 135@67 | 18.47 | 17.17 | 0.0521 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 256 QAM | 1@1    | 18.09 | 16.79 | 0.0478 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 256 QAM | 1@271  | 18.96 | 17.66 | 0.0583 |
| 41 | 30 | 100 | 528000 | 2640 | CP-OFDM QPSK       | 137@68 | 21.31 | 20.01 | 0.1002 |
| 41 | 30 | 100 | 528000 | 2640 | CP-OFDM QPSK       | 1@1    | 21.13 | 19.83 | 0.0962 |
| 41 | 30 | 100 | 528000 | 2640 | CP-OFDM QPSK       | 1@271  | 22.02 | 20.72 | 0.1180 |

## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Deviation (Hz) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|------|----------------|---------|-------------|
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 16.3           | PASS    | NV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 11.9           | PASS    | LV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 18.5           | PASS    | HV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 15.1           | PASS    | -30°C       |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 14.5           | PASS    | -20°C       |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 13.2           | PASS    | -10°C       |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 18             | PASS    | 0°C         |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 19.4           | PASS    | 10°C        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 16.3           | PASS    | 20°C        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 14.8           | PASS    | 30°C        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 16.4           | PASS    | 40°C        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 16.9           | PASS    | 50°C        |

$|\text{MAX}(\Delta f)| = 19.4\text{Hz}$

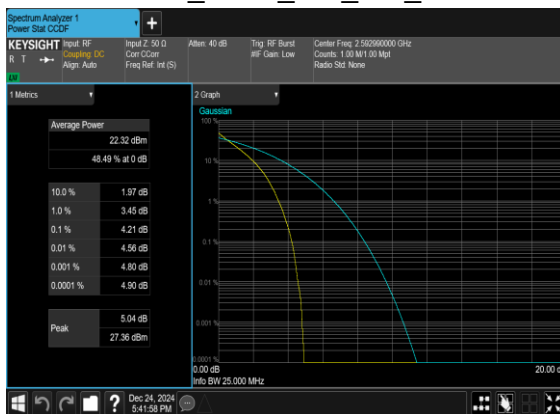
| Frequency Stability            | Frequency (MHz) | Limit Line              | Result |
|--------------------------------|-----------------|-------------------------|--------|
| $f_L -  \text{MAX}(\Delta f) $ | 2496.8691806    | $\geq 2496 \text{ MHz}$ | PASS   |
| $f_H +  \text{MAX}(\Delta f) $ | 2689.7013194    | $\leq 2690 \text{ MHz}$ |        |



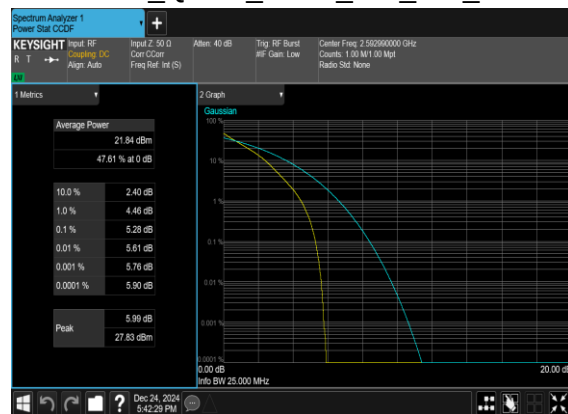
## Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB   | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|------|-------------|------------|---------|
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM PI/2 BPSK | 50@0 | 4.21        | 13         | PASS    |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK      | 50@0 | 5.28        | 13         | PASS    |

B4\_N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



B4\_N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



**Occupied Bandwidth**

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------|---------------|
| 41      | 30        | 10              | 518598 | 2592.99    | CP-OFDM QPSK    | 24@0 | 8.5861    | 9.15          |
| 41      | 30        | 10              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 24@0 | 8.5876    | 9.188         |
| 41      | 30        | 10              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 24@0 | 8.5578    | 9.154         |
| 41      | 30        | 10              | 518598 | 2592.99    | CP-OFDM 256 QAM | 24@0 | 8.5753    | 9.156         |
| 41      | 30        | 15              | 518598 | 2592.99    | CP-OFDM QPSK    | 38@0 | 13.58     | 14.27         |
| 41      | 30        | 15              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 38@0 | 13.577    | 14.43         |
| 41      | 30        | 15              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 38@0 | 13.619    | 14.22         |
| 41      | 30        | 15              | 518598 | 2592.99    | CP-OFDM 256 QAM | 38@0 | 13.583    | 14.21         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM QPSK    | 51@0 | 18.202    | 18.93         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 51@0 | 18.215    | 19.13         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 51@0 | 18.178    | 18.97         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 256 QAM | 51@0 | 18.189    | 18.93         |
| 41      | 30        | 25              | 518598 | 2592.99    | CP-OFDM QPSK    | 65@0 | 23.189    | 24.18         |
| 41      | 30        | 25              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 65@0 | 23.212    | 24.15         |
| 41      | 30        | 25              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 65@0 | 23.31     | 24.22         |
| 41      | 30        | 25              | 518598 | 2592.99    | CP-OFDM 256 QAM | 65@0 | 23.279    | 24.41         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM QPSK    | 78@0 | 27.851    | 28.88         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 78@0 | 27.803    | 28.99         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 78@0 | 27.855    | 28.96         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 256 QAM | 78@0 | 27.776    | 28.84         |
| 41      | 30        | 35              | 518598 | 2592.99    | CP-OFDM QPSK    | 92@0 | 32.898    | 34.36         |
| 41      | 30        | 35              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 92@0 | 32.88     | 34.13         |

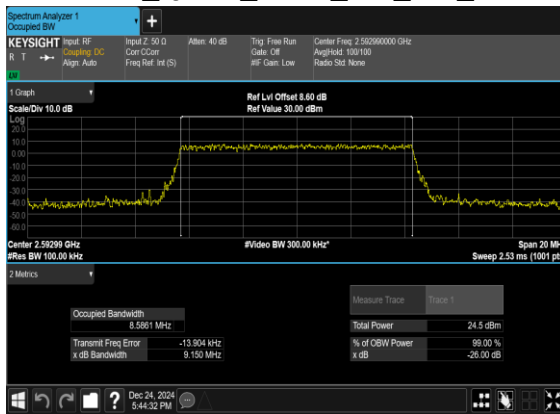


|    |    |    |        |         |                    |       |        |       |
|----|----|----|--------|---------|--------------------|-------|--------|-------|
| 41 | 30 | 35 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 92@0  | 32.739 | 33.98 |
| 41 | 30 | 35 | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 92@0  | 32.765 | 34.07 |
| 41 | 30 | 40 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 106@0 | 37.876 | 39.26 |
| 41 | 30 | 40 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 106@0 | 37.856 | 39.17 |
| 41 | 30 | 40 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 106@0 | 37.804 | 39.24 |
| 41 | 30 | 40 | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 106@0 | 37.792 | 39.17 |
| 41 | 30 | 45 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 119@0 | 42.457 | 44.18 |
| 41 | 30 | 45 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 119@0 | 42.478 | 44.06 |
| 41 | 30 | 45 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 119@0 | 42.603 | 43.88 |
| 41 | 30 | 45 | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 119@0 | 42.524 | 44.01 |
| 41 | 30 | 50 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 133@0 | 47.445 | 49.09 |
| 41 | 30 | 50 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 133@0 | 47.352 | 49.13 |
| 41 | 30 | 50 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 133@0 | 47.44  | 49.11 |
| 41 | 30 | 50 | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 133@0 | 47.512 | 49.06 |
| 41 | 30 | 60 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 162@0 | 57.756 | 59.71 |
| 41 | 30 | 60 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 162@0 | 57.887 | 59.69 |
| 41 | 30 | 60 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 162@0 | 57.722 | 59.72 |
| 41 | 30 | 60 | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 162@0 | 57.758 | 59.61 |
| 41 | 30 | 70 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 189@0 | 67.599 | 69.73 |
| 41 | 30 | 70 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 189@0 | 67.384 | 69.71 |
| 41 | 30 | 70 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 189@0 | 67.531 | 69.76 |
| 41 | 30 | 70 | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 189@0 | 67.532 | 69.74 |
| 41 | 30 | 80 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 217@0 | 77.382 | 79.88 |
| 41 | 30 | 80 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 217@0 | 77.501 | 80.04 |
| 41 | 30 | 80 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 217@0 | 77.487 | 80.04 |

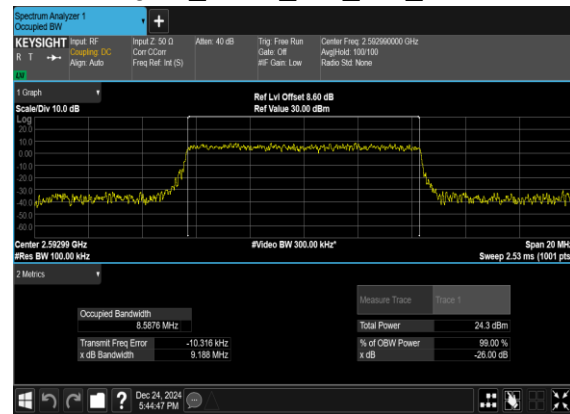


|    |    |     |        |         |                    |       |        |       |
|----|----|-----|--------|---------|--------------------|-------|--------|-------|
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 217@0 | 77.37  | 79.85 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 245@0 | 87.361 | 90.3  |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 245@0 | 87.348 | 90.17 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 245@0 | 87.555 | 90.25 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 245@0 | 87.521 | 90.26 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 273@0 | 97.547 | 100.5 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 273@0 | 97.55  | 100.5 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 273@0 | 97.461 | 100.5 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 273@0 | 97.32  | 100.5 |

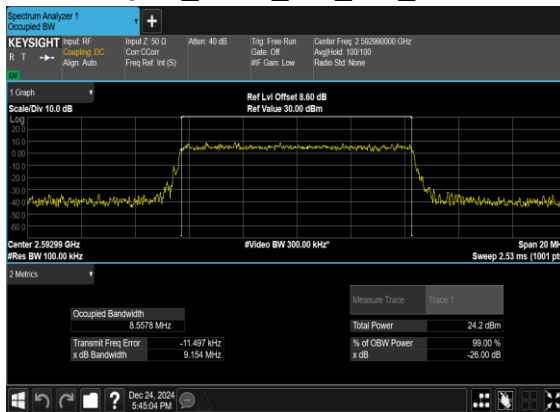
B4\_N41(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



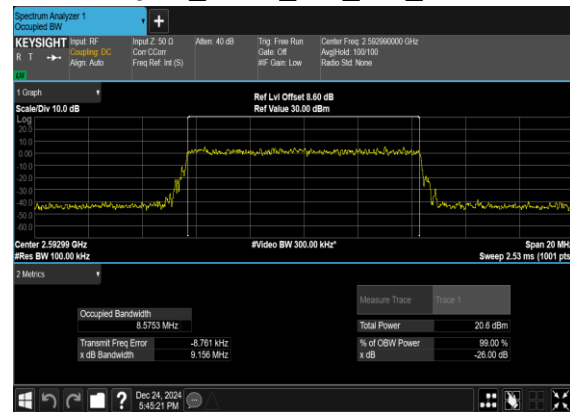
B4\_N41(10M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(10M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

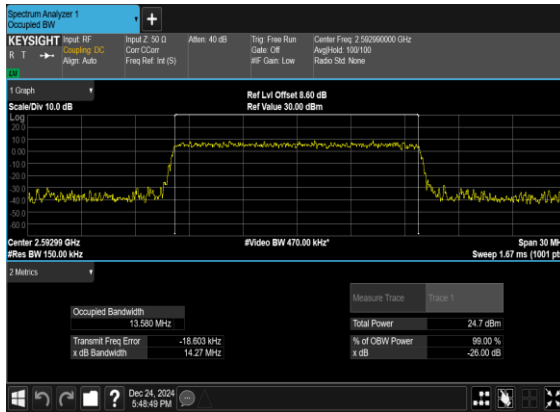


B4\_N41(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

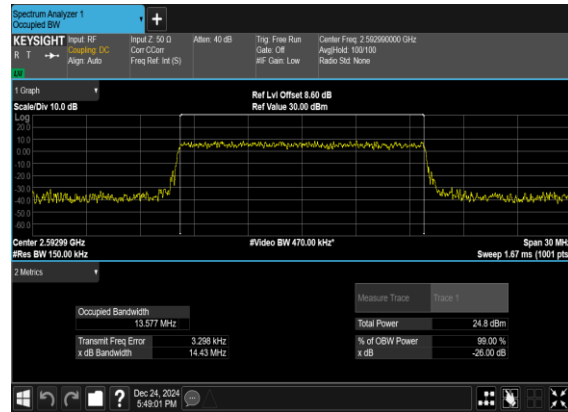




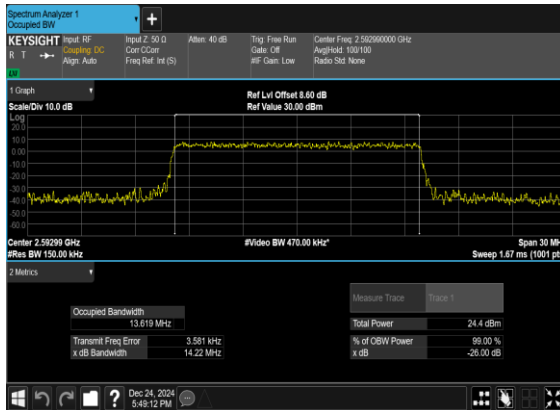
B4\_N41(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



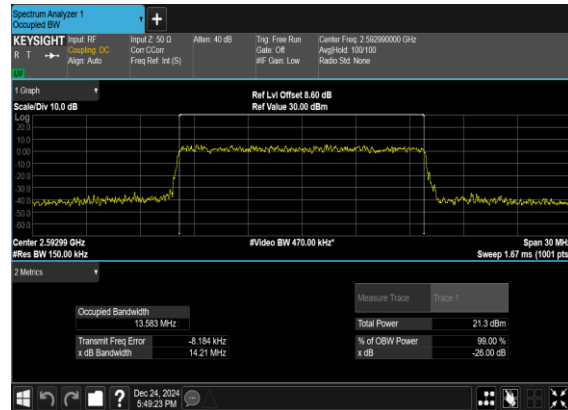
B4\_N41(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

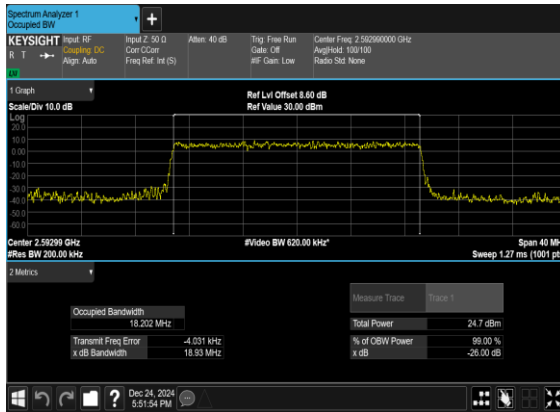


B4\_N41(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

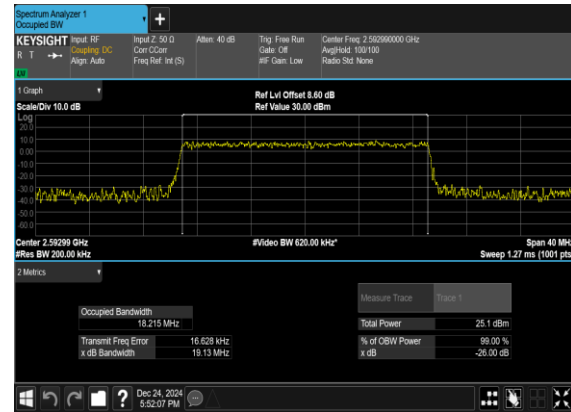




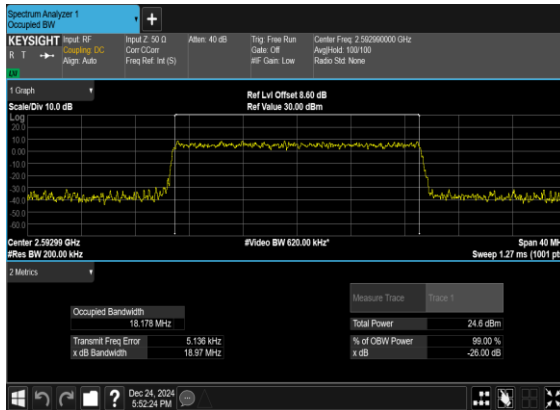
B4\_N41(20M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



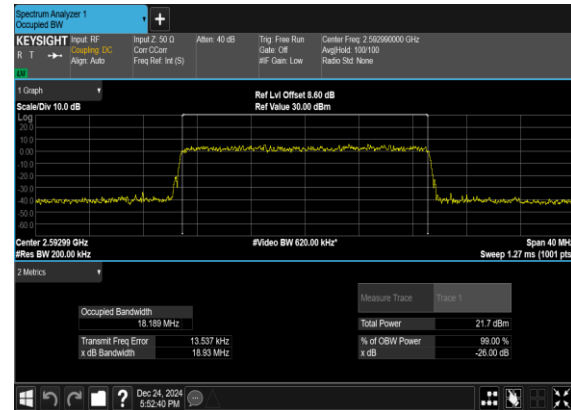
B4\_N41(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

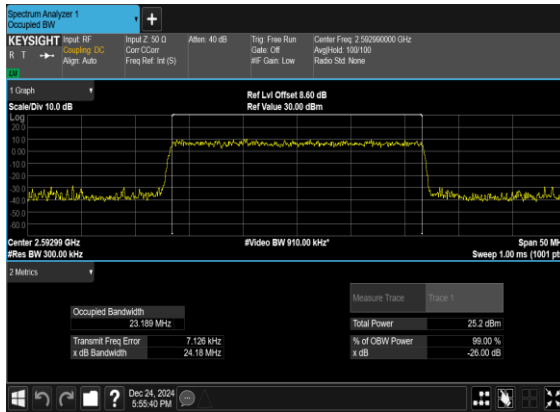


B4\_N41(20M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

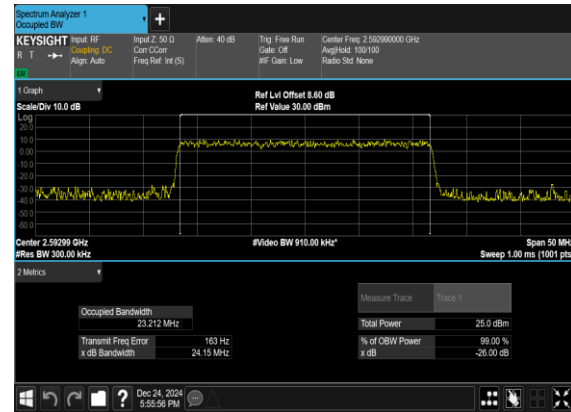




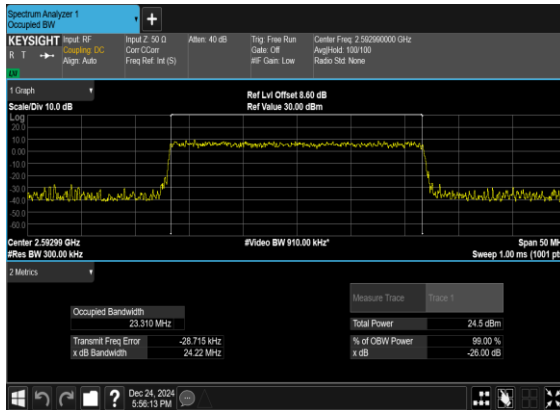
B4\_N41(25M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



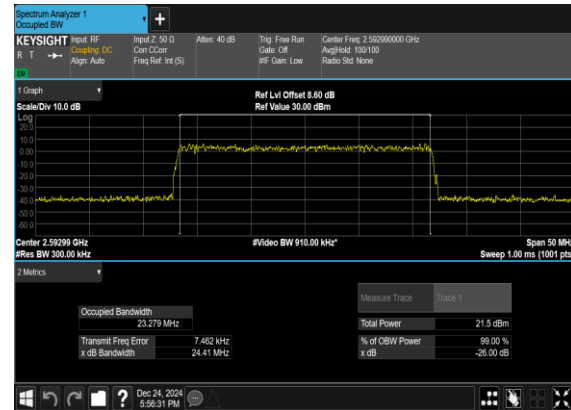
B4\_N41(25M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(25M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

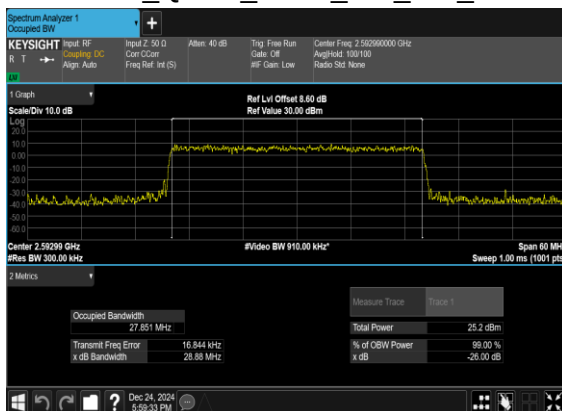


B4\_N41(25M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

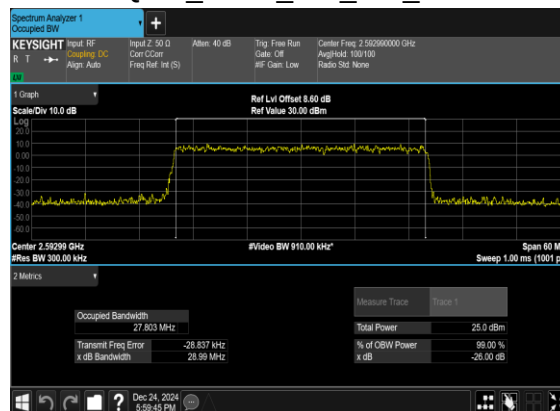




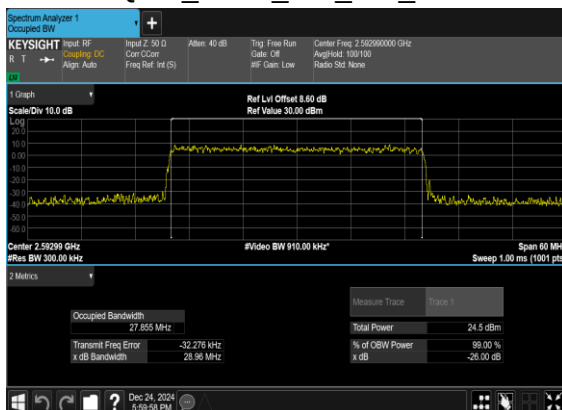
B4\_N41(30M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



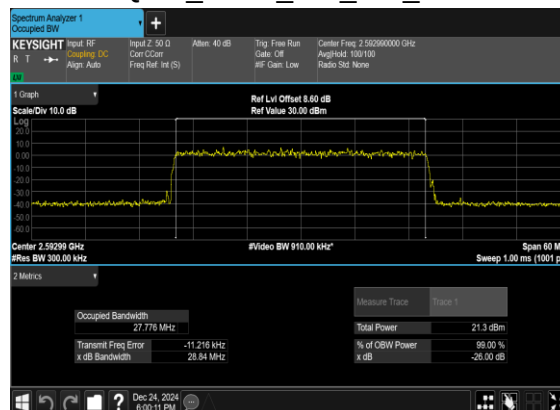
B4\_N41(30M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

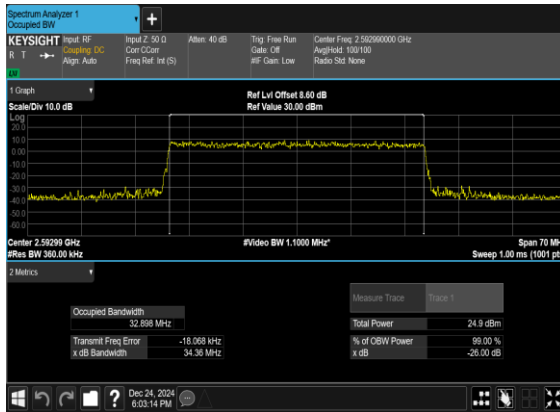


B4\_N41(30M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

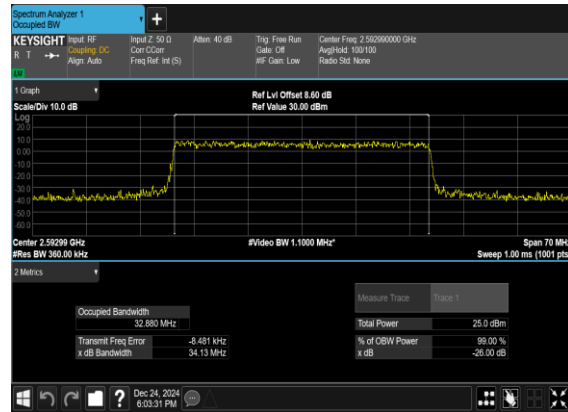




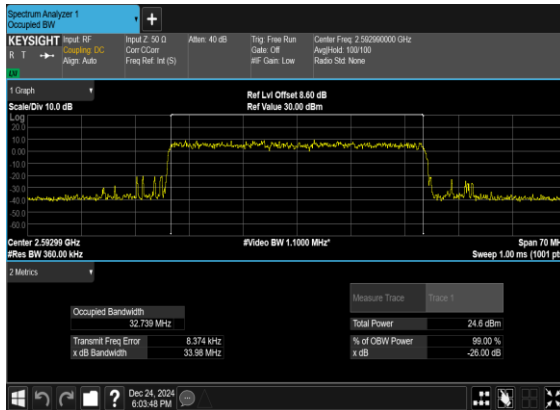
B4\_N41(35M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



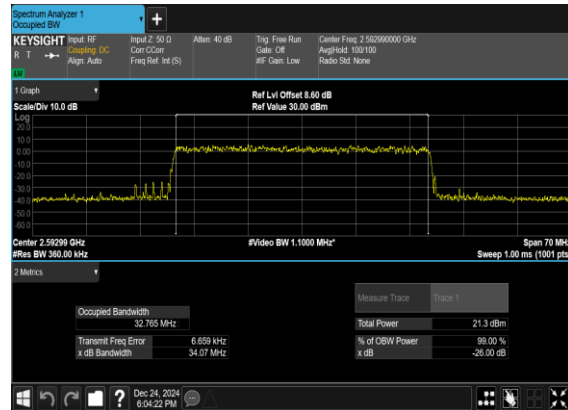
B4\_N41(35M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(35M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

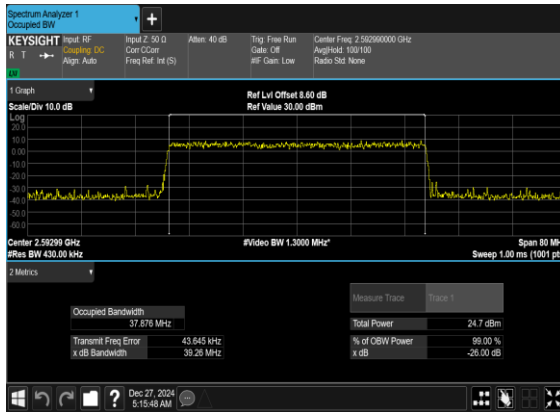


B4\_N41(35M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

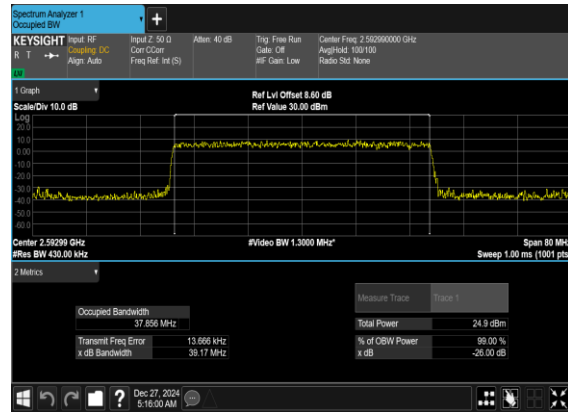




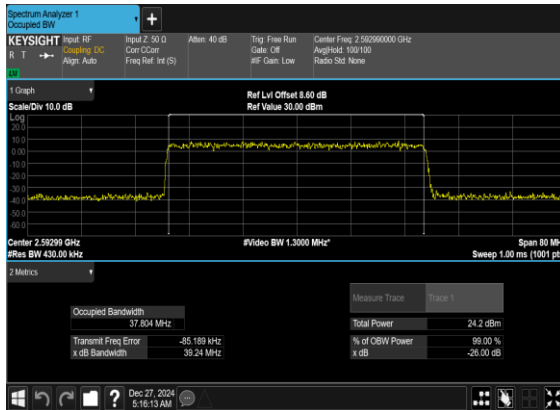
B4\_N41(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



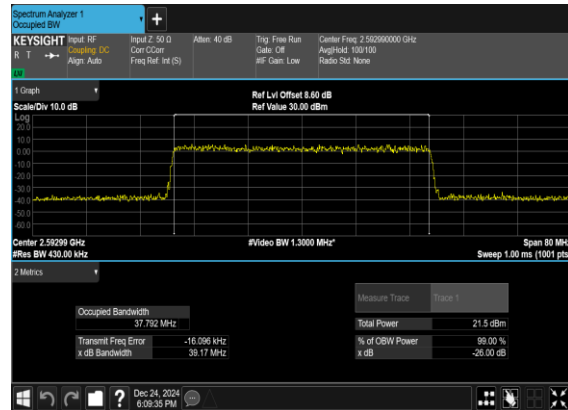
B4\_N41(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B4\_N41(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

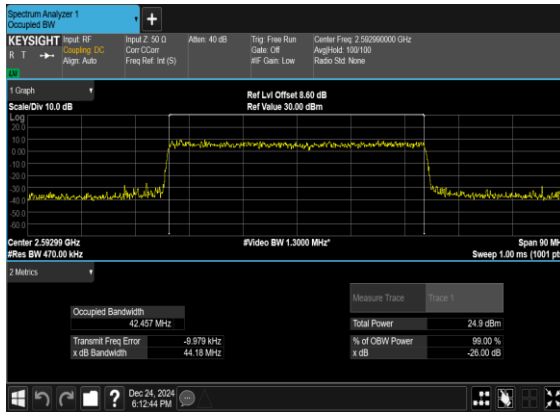


B4\_N41(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

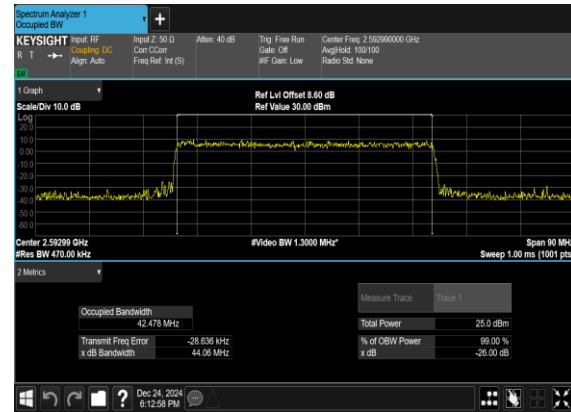




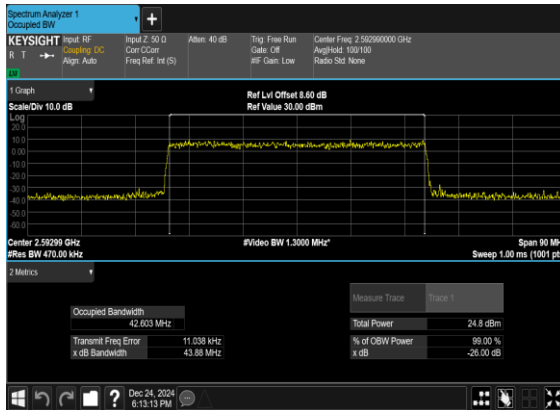
B4\_N41(45M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



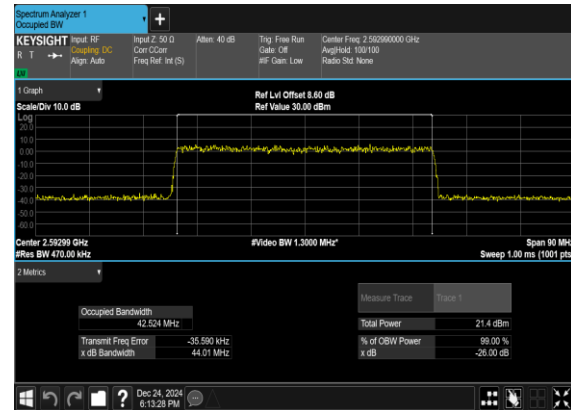
B4\_N41(45M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(45M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

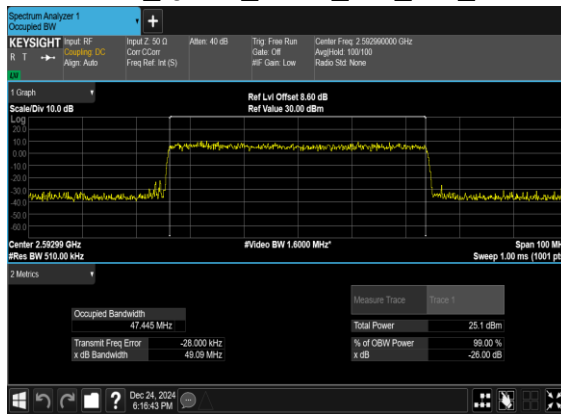


B4\_N41(45M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

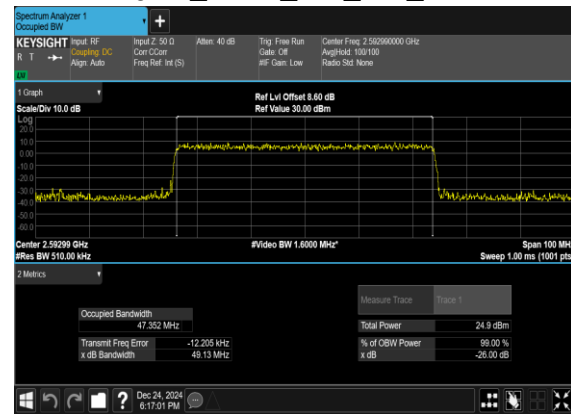




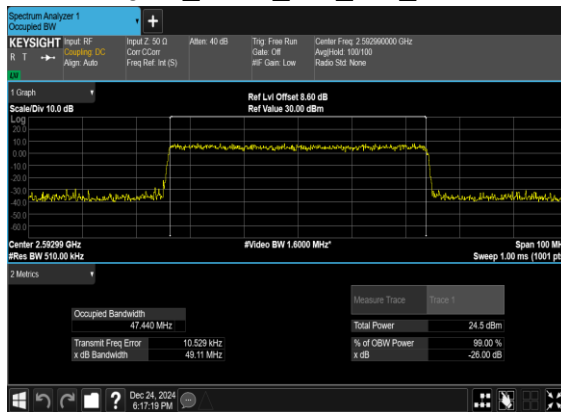
B4\_N41(50M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



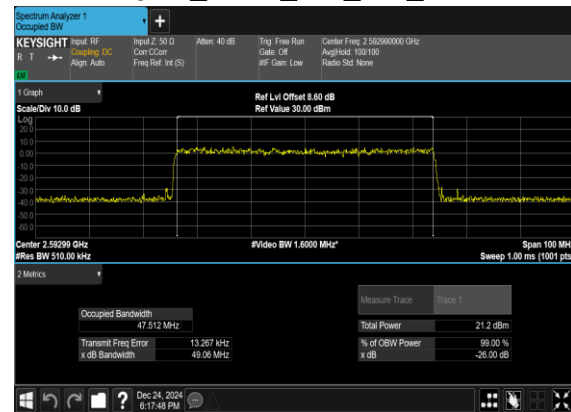
B4\_N41(50M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(50M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

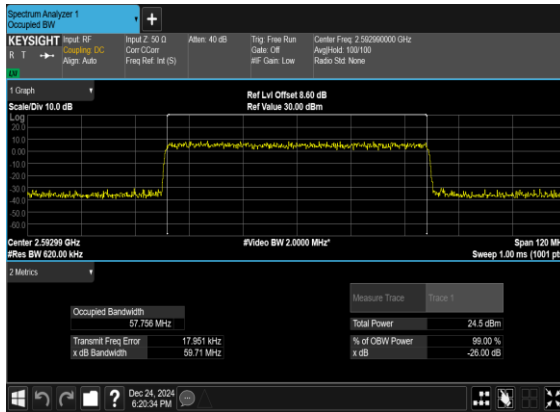


B4\_N41(50M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

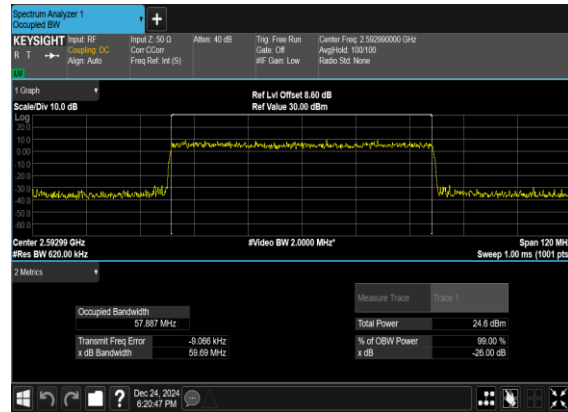




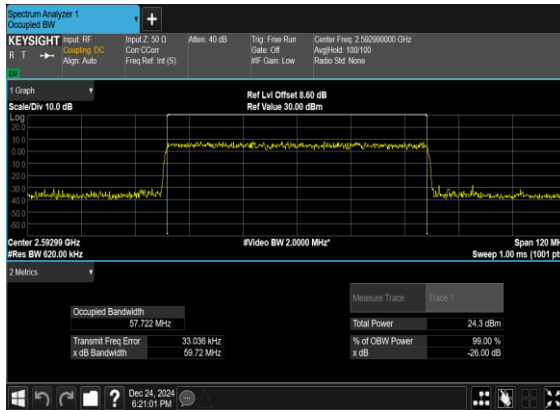
B4\_N41(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



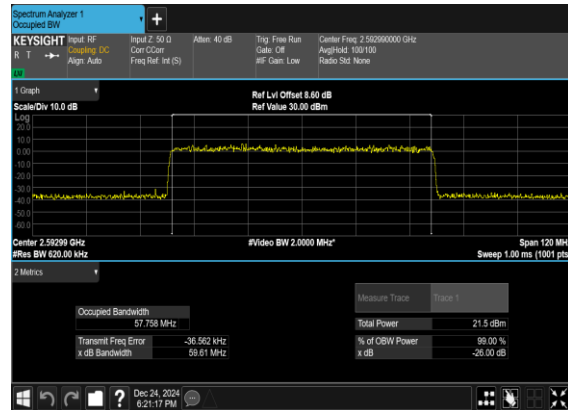
B4\_N41(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B4\_N41(60M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

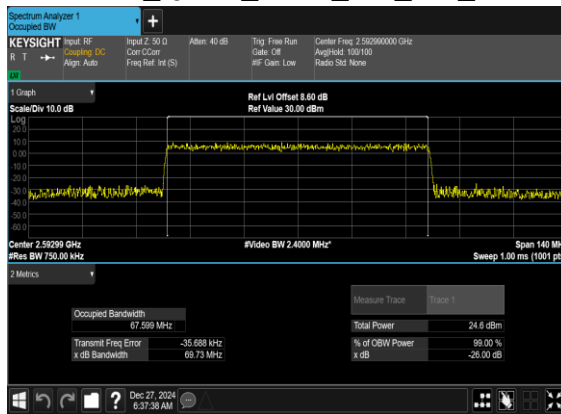


B4\_N41(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

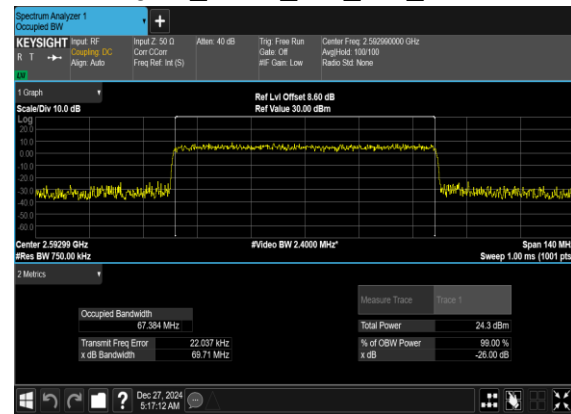




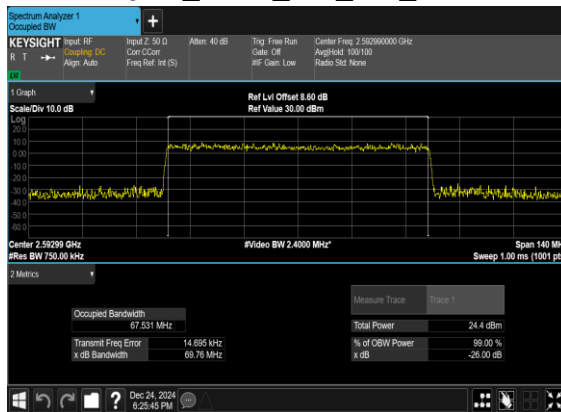
B4\_N41(70M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



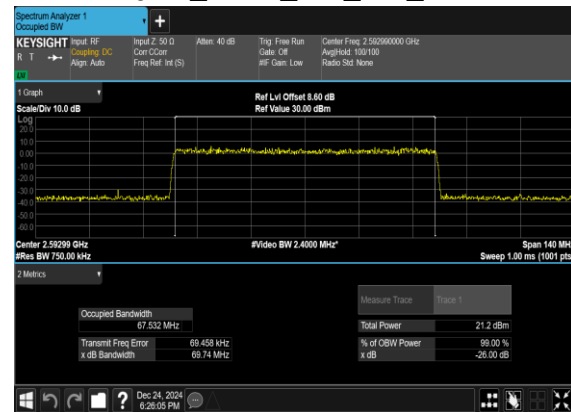
B4\_N41(70M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(70M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

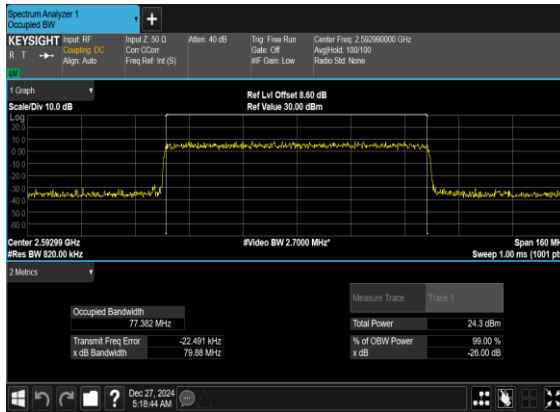


B4\_N41(70M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

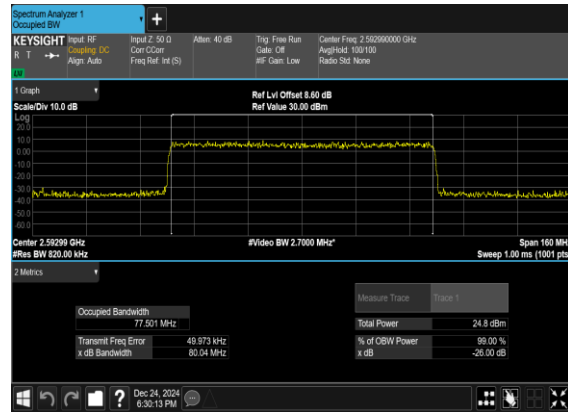




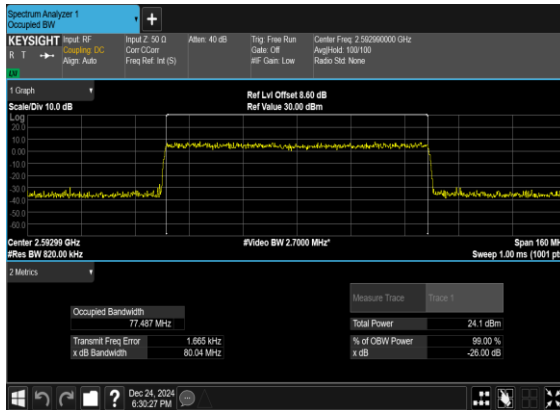
B4\_N41(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



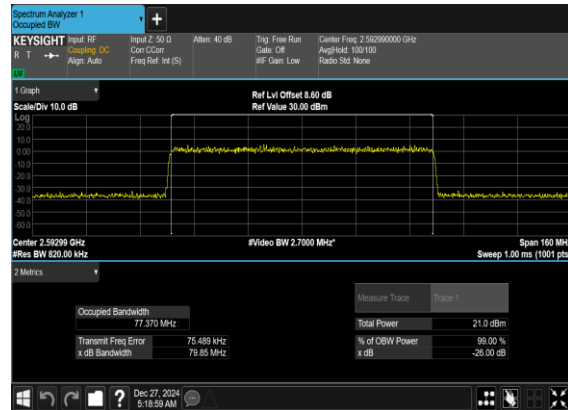
B4\_N41(80M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B4\_N41(80M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

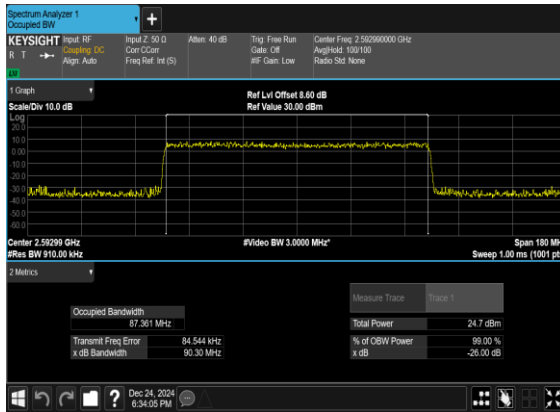


B4\_N41(80M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

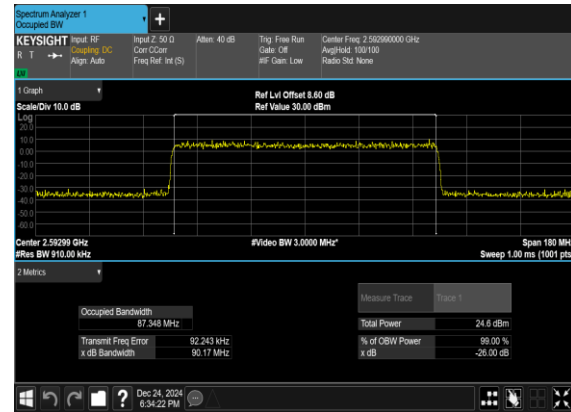




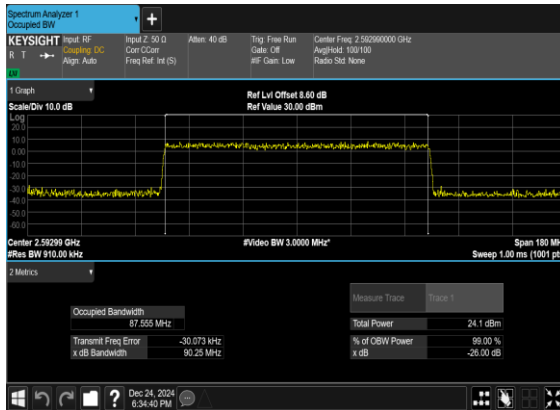
B4\_N41(90M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B4\_N41(90M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(90M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B4\_N41(90M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

