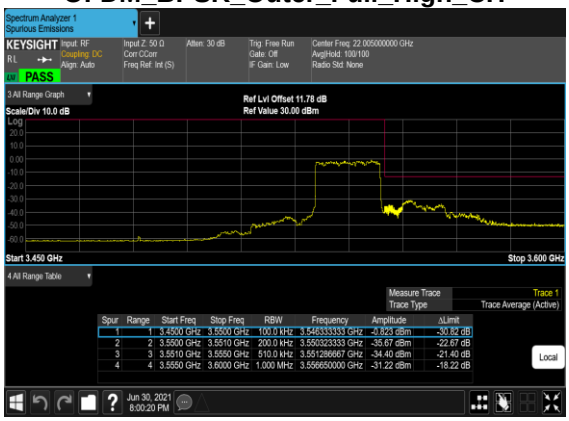
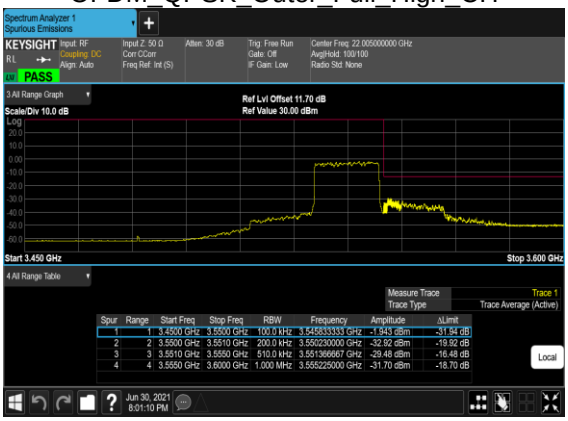
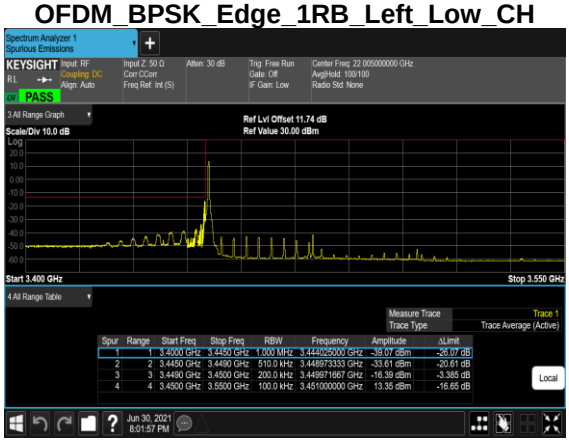
**N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH**



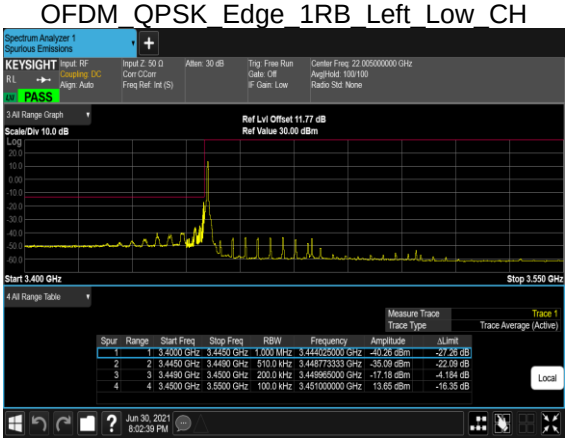

N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



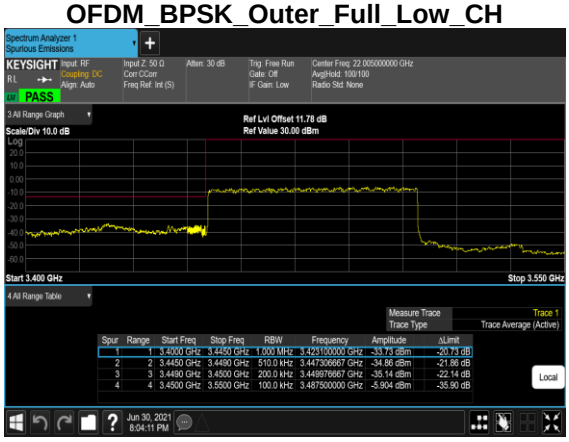

**N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH**



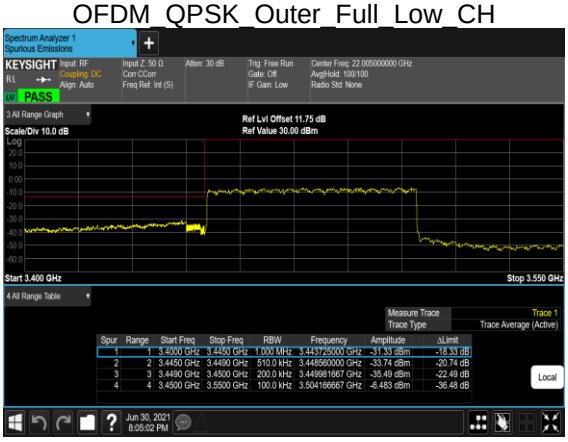

N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



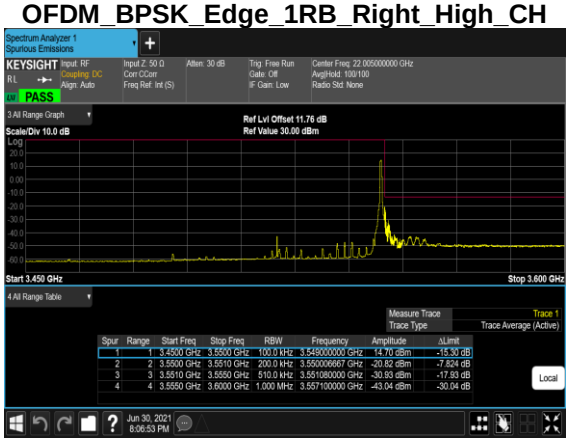

**N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH**



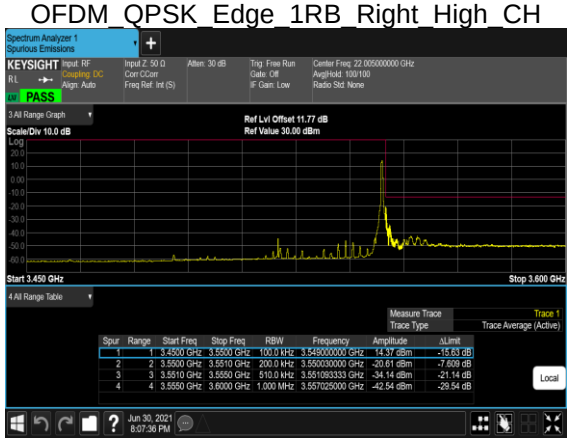

N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



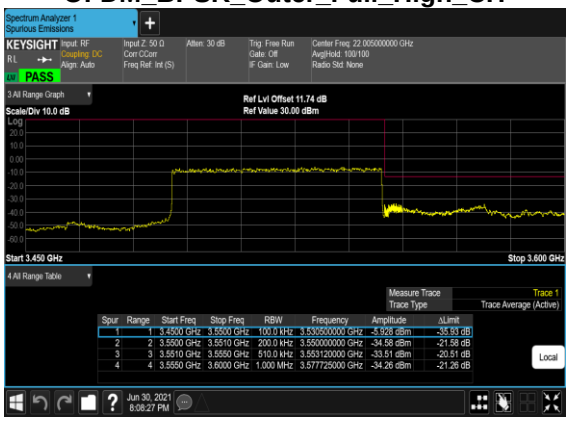
**N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH**



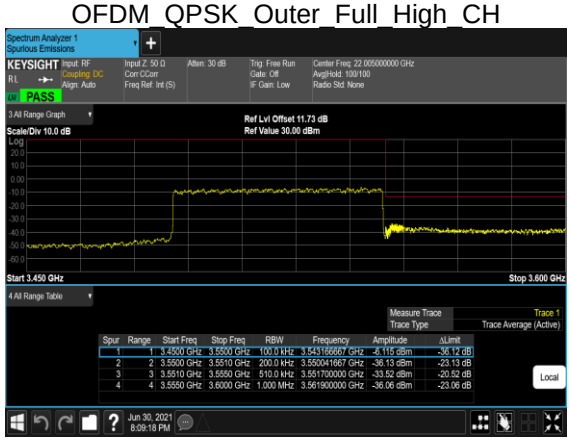

N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



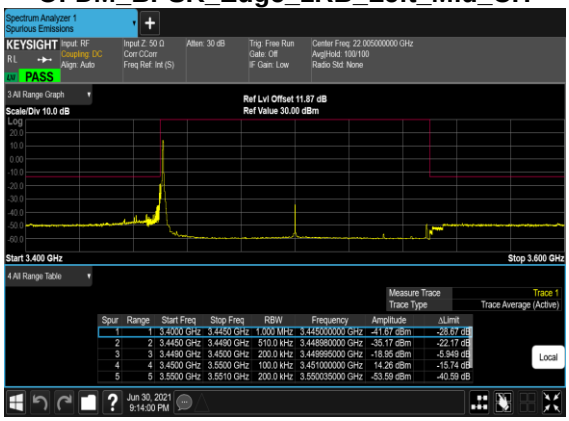

**N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH**



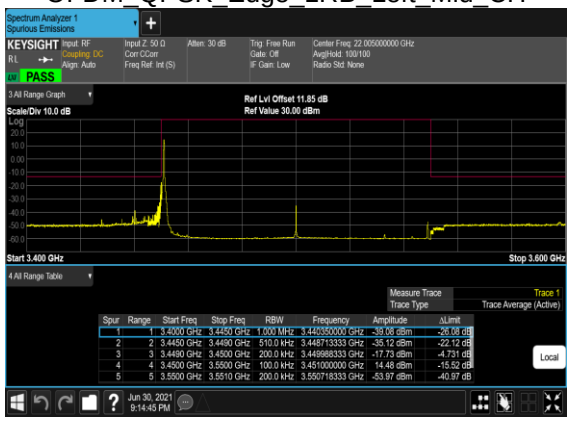

N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



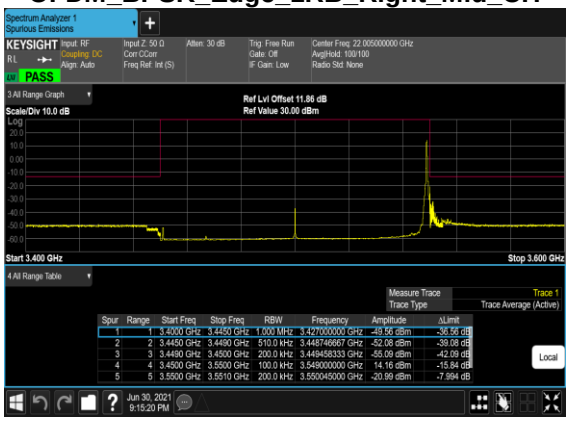

**N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH**



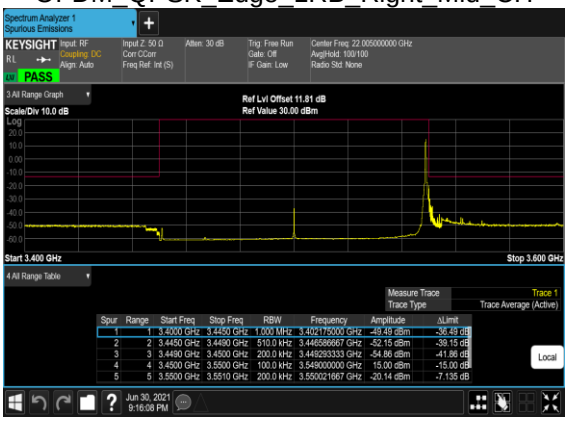

N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



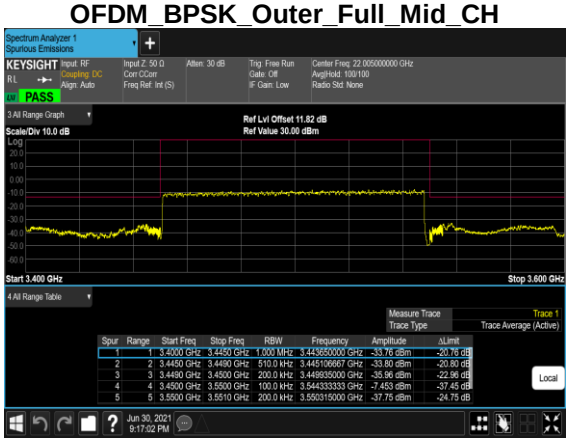
**N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH**



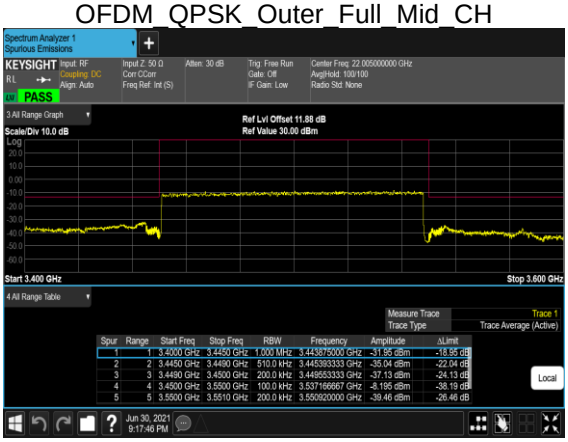

N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH




**N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH**




N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Software Version: 21.02.070701

# FR1 N77

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

## Transmitter Conducted Output Power And EIRP, ($G_T$ - $L_C$) =5.0dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.76 | 28.76 | 0.7516 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.8 | 28.8 | 0.7586 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM PI/2 BPSK | 1@49 | 23.64 | 28.64 | 0.7311 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 25@12 | 23.74 | 28.74 | 0.7482 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@1 | 24.05 | 29.05 | 0.8035 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@49 | 23.59 | 28.59 | 0.7228 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 16 QAM | 25@12 | 22.95 | 27.95 | 0.6237 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 16 QAM | 1@1 | 22.94 | 27.94 | 0.6223 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 16 QAM | 1@49 | 22.61 | 27.61 | 0.5768 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 64 QAM | 25@12 | 21.38 | 26.38 | 0.4345 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 64 QAM | 1@1 | 21.4 | 26.4 | 0.4365 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 64 QAM | 1@49 | 21.07 | 26.07 | 0.4046 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 256 QAM | 25@12 | 19.43 | 24.43 | 0.2773 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 256 QAM | 1@1 | 19.39 | 24.39 | 0.2748 |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM 256 QAM | 1@49 | 19.16 | 24.16 | 0.2606 |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 25@121 | 21.05 | 26.05 | 0.4027 |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@1 | 22.44 | 27.44 | 0.5546 |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@49 | 22.17 | 27.17 | 0.5212 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.27 | 28.27 | 0.6714 |

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|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.39 | 28.39 | 0.6902 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@49 | 23.2 | 28.2 | 0.6607 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 25@12 | 23.2 | 28.2 | 0.6607 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 23.54 | 28.54 | 0.7145 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@49 | 23.35 | 28.35 | 0.6839 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 25@12 | 22.3 | 27.3 | 0.5370 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 22.63 | 27.63 | 0.5794 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@49 | 22.35 | 27.35 | 0.5433 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 25@12 | 20.79 | 25.79 | 0.3793 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@1 | 20.83 | 25.83 | 0.3828 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@49 | 20.67 | 25.67 | 0.3690 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 25@12 | 18.81 | 23.81 | 0.2404 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1 | 18.96 | 23.96 | 0.2489 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@49 | 19 | 24 | 0.2512 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 25@121 | 20.46 | 25.46 | 0.3516 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 21.85 | 26.85 | 0.4842 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 1@49 | 21.95 | 26.95 | 0.4955 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.03 | 28.03 | 0.6353 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.24 | 28.24 | 0.6668 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM PI/2 BPSK | 1@49 | 22.92 | 27.92 | 0.6194 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 25@12 | 23.12 | 28.12 | 0.6486 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 1@1 | 23.31 | 28.31 | 0.6776 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 1@49 | 23.11 | 28.11 | 0.6471 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 16 QAM | 25@12 | 22.18 | 27.18 | 0.5224 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.43 | 27.43 | 0.5534 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 16 QAM | 1@49 | 22.15 | 27.15 | 0.5188 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 64 QAM | 25@12 | 20.75 | 25.75 | 0.3758 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 64 QAM | 1@1 | 20.71 | 25.71 | 0.3724 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 64 QAM | 1@49 | 20.54 | 25.54 | 0.3581 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 256 QAM | 25@12 | 18.75 | 23.75 | 0.2371 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 256 QAM | 1@1 | 18.84 | 23.84 | 0.2421 |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM 256 QAM | 1@49 | 18.68 | 23.68 | 0.2333 |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 25@121 | 20.31 | 25.31 | 0.3396 |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 1@1 | 21.97 | 26.97 | 0.4977 |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 1@49 | 21.65 | 26.65 | 0.4624 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM PI/2 BPSK | 50@25 | 24.05 | 29.05 | 0.8035 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.14 | 29.14 | 0.8204 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.55 | 28.55 | 0.7161 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM QPSK | 50@25 | 23.98 | 28.98 | 0.7907 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM QPSK | 1@1 | 24.41 | 29.41 | 0.8730 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM QPSK | 1@104 | 23.54 | 28.54 | 0.7145 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 16 QAM | 50@25 | 23.2 | 28.2 | 0.6607 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 16 QAM | 1@1 | 23.45 | 28.45 | 0.6998 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 16 QAM | 1@104 | 22.95 | 27.95 | 0.6237 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 64 QAM | 50@25 | 21.59 | 26.59 | 0.4560 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 64 QAM | 1@1 | 21.73 | 26.73 | 0.4710 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 64 QAM | 1@104 | 21.15 | 26.15 | 0.4121 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 256 QAM | 50@25 | 19.8 | 24.8 | 0.3020 |

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|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 256 QAM | 1@1 | 19.59 | 24.59 | 0.2877 |
| **77** | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 256 QAM | 1@104 | 19.3 | 24.3 | 0.2692 |
| **77** | 30 | 40 | 631334 | 3470.01 | CP-OFDM QPSK | 53@26 | 22.64 | 27.64 | 0.5808 |
| **77** | 30 | 40 | 631334 | 3470.01 | CP-OFDM QPSK | 1@1 | 22.93 | 27.93 | 0.6209 |
| **77** | 30 | 40 | 631334 | 3470.01 | CP-OFDM QPSK | 1@104 | 22.29 | 27.29 | 0.5358 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.67 | 28.67 | 0.7362 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.8 | 28.8 | 0.7586 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.54 | 28.54 | 0.7145 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@25 | 23.65 | 28.65 | 0.7328 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 23.8 | 28.8 | 0.7586 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@104 | 23.63 | 28.63 | 0.7295 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 50@25 | 22.76 | 27.76 | 0.5970 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 22.96 | 27.96 | 0.6252 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@104 | 22.88 | 27.88 | 0.6138 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 50@25 | 21.22 | 26.22 | 0.4188 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@1 | 21.18 | 26.18 | 0.4150 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@104 | 21.07 | 26.07 | 0.4046 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 50@25 | 19.23 | 24.23 | 0.2649 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1 | 19.31 | 24.31 | 0.2698 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@104 | 19.25 | 24.25 | 0.2661 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM QPSK | 53@26 | 22.14 | 27.14 | 0.5176 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 22.29 | 27.29 | 0.5358 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM QPSK | 1@104 | 22.16 | 27.16 | 0.5200 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.55 | 28.55 | 0.7161 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.54 | 28.54 | 0.7145 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.44 | 28.44 | 0.6982 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM QPSK | 50@25 | 23.55 | 28.55 | 0.7161 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM QPSK | 1@1 | 23.56 | 28.56 | 0.7178 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM QPSK | 1@104 | 23.45 | 28.45 | 0.6998 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 16 QAM | 50@25 | 22.71 | 27.71 | 0.5902 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 16 QAM | 1@1 | 22.75 | 27.75 | 0.5957 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 16 QAM | 1@104 | 22.67 | 27.67 | 0.5848 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 64 QAM | 50@25 | 21.11 | 26.11 | 0.4083 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 64 QAM | 1@1 | 21.06 | 26.06 | 0.4036 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 64 QAM | 1@104 | 20.95 | 25.95 | 0.3936 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 256 QAM | 50@25 | 19.16 | 24.16 | 0.2606 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 256 QAM | 1@1 | 19.28 | 24.28 | 0.2679 |
| **77** | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 256 QAM | 1@104 | 19.08 | 24.08 | 0.2559 |
| **77** | 30 | 40 | 635332 | 3529.98 | CP-OFDM QPSK | 53@26 | 22.17 | 27.17 | 0.5212 |
| **77** | 30 | 40 | 635332 | 3529.98 | CP-OFDM QPSK | 1@1 | 21.97 | 26.97 | 0.4977 |
| **77** | 30 | 40 | 635332 | 3529.98 | CP-OFDM QPSK | 1@104 | 22.09 | 27.09 | 0.5117 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM PI/2 BPSK | 64@32 | 23.95 | 28.95 | 0.7852 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.16 | 29.16 | 0.8241 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM PI/2 BPSK | 1@131 | 23.68 | 28.68 | 0.7379 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM QPSK | 64@32 | 23.97 | 28.97 | 0.7889 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM QPSK | 1@1 | 24.11 | 29.11 | 0.8147 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM QPSK | 1@131 | 23.68 | 28.68 | 0.7379 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 16 QAM | 64@32 | 23.15 | 28.15 | 0.6531 |

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| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 16 QAM | 1@1 | 23.2 | 28.2 | 0.6607 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 16 QAM | 1@131 | 22.67 | 27.67 | 0.5848 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 64 QAM | 64@32 | 21.62 | 26.62 | 0.4592 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 64 QAM | 1@1 | 22.02 | 27.02 | 0.5035 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 64 QAM | 1@131 | 21.56 | 26.56 | 0.4529 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 256 QAM | 64@32 | 19.47 | 24.47 | 0.2799 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 256 QAM | 1@1 | 19.41 | 24.41 | 0.2761 |
| **77** | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 256 QAM | 1@131 | 18.91 | 23.91 | 0.2460 |
| **77** | 30 | 50 | 631668 | 3475.02 | CP-OFDM QPSK | 67@33 | 22.54 | 27.54 | 0.5675 |
| **77** | 30 | 50 | 631668 | 3475.02 | CP-OFDM QPSK | 1@1 | 22.92 | 27.92 | 0.6194 |
| **77** | 30 | 50 | 631668 | 3475.02 | CP-OFDM QPSK | 1@131 | 22.14 | 27.14 | 0.5176 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 64@32 | 23.9 | 28.9 | 0.7762 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.93 | 28.93 | 0.7816 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@131 | 23.87 | 28.87 | 0.7709 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 64@32 | 23.94 | 28.94 | 0.7834 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 23.92 | 28.92 | 0.7798 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@131 | 23.77 | 28.77 | 0.7534 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 64@32 | 22.87 | 27.87 | 0.6124 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 22.91 | 27.91 | 0.6180 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@131 | 22.86 | 27.86 | 0.6109 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 64@32 | 21.41 | 26.41 | 0.4375 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@1 | 21.78 | 26.78 | 0.4764 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@131 | 21.71 | 26.71 | 0.4688 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 64@32 | 19.39 | 24.39 | 0.2748 |

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| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1 | 19.16 | 24.16 | 0.2606 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@131 | 19.07 | 24.07 | 0.2553 |
| **77** | 30 | 50 | 633334 | 3500.01 | CP-OFDM QPSK | 67@33 | 22.39 | 27.39 | 0.5483 |
| **77** | 30 | 50 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 22.67 | 27.67 | 0.5848 |
| **77** | 30 | 50 | 633334 | 3500.01 | CP-OFDM QPSK | 1@131 | 22.55 | 27.55 | 0.5689 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM PI/2 BPSK | 64@32 | 23.96 | 28.96 | 0.7870 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.81 | 28.81 | 0.7603 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM PI/2 BPSK | 1@131 | 23.63 | 28.63 | 0.7295 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM QPSK | 64@32 | 23.87 | 28.87 | 0.7709 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM QPSK | 1@1 | 23.74 | 28.74 | 0.7482 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM QPSK | 1@131 | 23.61 | 28.61 | 0.7261 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 16 QAM | 64@32 | 22.99 | 27.99 | 0.6295 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.75 | 27.75 | 0.5957 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 16 QAM | 1@131 | 22.6 | 27.6 | 0.5754 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 64 QAM | 64@32 | 21.53 | 26.53 | 0.4498 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 64 QAM | 1@1 | 21.6 | 26.6 | 0.4571 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 64 QAM | 1@131 | 21.57 | 26.57 | 0.4539 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 256 QAM | 64@32 | 19.48 | 24.48 | 0.2805 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 256 QAM | 1@1 | 18.95 | 23.95 | 0.2483 |
| **77** | 30 | 50 | 635000 | 3525.0 | DFT-s-OFDM 256 QAM | 1@131 | 18.88 | 23.88 | 0.2443 |
| **77** | 30 | 50 | 635000 | 3525.0 | CP-OFDM QPSK | 67@33 | 22.44 | 27.44 | 0.5546 |
| **77** | 30 | 50 | 635000 | 3525.0 | CP-OFDM QPSK | 1@1 | 22.61 | 27.61 | 0.5768 |
| **77** | 30 | 50 | 635000 | 3525.0 | CP-OFDM QPSK | 1@131 | 22.28 | 27.28 | 0.5346 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM PI/2 BPSK | 81@40 | 23.66 | 28.66 | 0.7345 |

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| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.08 | 29.08 | 0.8091 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM PI/2 BPSK | 1@160 | 23.36 | 28.36 | 0.6855 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 81@40 | 23.76 | 28.76 | 0.7516 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 1@1 | 24.14 | 29.14 | 0.8204 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 1@160 | 23.34 | 28.34 | 0.6823 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 16 QAM | 81@40 | 22.65 | 27.65 | 0.5821 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 16 QAM | 1@1 | 23.22 | 28.22 | 0.6637 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 16 QAM | 1@160 | 22.55 | 27.55 | 0.5689 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 64 QAM | 81@40 | 21.22 | 26.22 | 0.4188 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 64 QAM | 1@1 | 21.63 | 26.63 | 0.4603 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 64 QAM | 1@160 | 20.88 | 25.88 | 0.3873 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 256 QAM | 81@40 | 19.25 | 24.25 | 0.2661 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 256 QAM | 1@1 | 19.64 | 24.64 | 0.2911 |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM 256 QAM | 1@160 | 19.14 | 24.14 | 0.2594 |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 81@40 | 22.17 | 27.17 | 0.5212 |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 1@1 | 22.62 | 27.62 | 0.5781 |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 1@160 | 22.04 | 27.04 | 0.5058 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 81@40 | 23.47 | 28.47 | 0.7031 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.83 | 28.83 | 0.7638 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@160 | 23.22 | 28.22 | 0.6637 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 81@40 | 23.48 | 28.48 | 0.7047 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 23.64 | 28.64 | 0.7311 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@160 | 23.32 | 28.32 | 0.6792 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 81@40 | 22.65 | 27.65 | 0.5821 |

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| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 22.91 | 27.91 | 0.6180 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@160 | 22.41 | 27.41 | 0.5508 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 81@40 | 21.04 | 26.04 | 0.4018 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@1 | 21.27 | 26.27 | 0.4236 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@160 | 20.86 | 25.86 | 0.3855 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 81@40 | 19.1 | 24.1 | 0.2570 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1 | 19.35 | 24.35 | 0.2723 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@160 | 18.88 | 23.88 | 0.2443 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 81@40 | 22.06 | 27.06 | 0.5082 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 22.2 | 27.2 | 0.5248 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 1@160 | 21.89 | 26.89 | 0.4887 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM PI/2 BPSK | 81@40 | 23.45 | 28.45 | 0.6998 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.4 | 28.4 | 0.6918 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM PI/2 BPSK | 1@160 | 23.15 | 28.15 | 0.6531 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 81@40 | 23.29 | 28.29 | 0.6745 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 1@1 | 23.47 | 28.47 | 0.7031 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 1@160 | 22.84 | 27.84 | 0.6081 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 16 QAM | 81@40 | 22.33 | 27.33 | 0.5408 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 16 QAM | 1@1 | 22.47 | 27.47 | 0.5585 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 16 QAM | 1@160 | 22.13 | 27.13 | 0.5164 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 64 QAM | 81@40 | 20.45 | 25.45 | 0.3508 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 64 QAM | 1@1 | 20.88 | 25.88 | 0.3873 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 64 QAM | 1@160 | 20.42 | 25.42 | 0.3483 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 256 QAM | 81@40 | 18.79 | 23.79 | 0.2393 |

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| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 256 QAM | 1@1 | 18.92 | 23.92 | 0.2466 |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 256 QAM | 1@160 | 18.5 | 23.5 | 0.2239 |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 81@40 | 21.79 | 26.79 | 0.4775 |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@1 | 21.99 | 26.99 | 0.5000 |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@160 | 21.67 | 26.67 | 0.4645 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.7 | 28.7 | 0.7413 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.04 | 29.04 | 0.8017 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM PI/2 BPSK | 1@215 | 22.99 | 27.99 | 0.6295 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM QPSK | 108@54 | 23.37 | 28.37 | 0.6871 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM QPSK | 1@1 | 24.11 | 29.11 | 0.8147 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM QPSK | 1@215 | 22.99 | 27.99 | 0.6295 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 16 QAM | 108@54 | 22.51 | 27.51 | 0.5636 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 16 QAM | 1@1 | 23.08 | 28.08 | 0.6427 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 16 QAM | 1@215 | 21.96 | 26.96 | 0.4966 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 64 QAM | 108@54 | 20.81 | 25.81 | 0.3811 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 64 QAM | 1@1 | 21.33 | 26.33 | 0.4295 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 64 QAM | 1@215 | 20.72 | 25.72 | 0.3733 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 256 QAM | 108@54 | 19.01 | 24.01 | 0.2518 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 256 QAM | 1@1 | 19.57 | 24.57 | 0.2864 |
| **77** | 30 | 80 | 632668 | 3490.02 | DFT-s-OFDM 256 QAM | 1@215 | 18.54 | 23.54 | 0.2259 |
| **77** | 30 | 80 | 632668 | 3490.02 | CP-OFDM QPSK | 109@54 | 22.02 | 27.02 | 0.5035 |
| **77** | 30 | 80 | 632668 | 3490.02 | CP-OFDM QPSK | 1@1 | 23.48 | 28.48 | 0.7047 |
| **77** | 30 | 80 | 632668 | 3490.02 | CP-OFDM QPSK | 1@215 | 21.56 | 26.56 | 0.4529 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.67 | 28.67 | 0.7362 |

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| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.02 | 29.02 | 0.7980 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@215 | 23.28 | 28.28 | 0.6730 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 108@54 | 23.53 | 28.53 | 0.7129 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 24.13 | 29.13 | 0.8185 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@215 | 23.14 | 28.14 | 0.6516 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 108@54 | 22.5 | 27.5 | 0.5623 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 23.32 | 28.32 | 0.6792 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@215 | 22.39 | 27.39 | 0.5483 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 108@54 | 20.96 | 25.96 | 0.3945 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@1 | 21.62 | 26.62 | 0.4592 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@215 | 20.52 | 25.52 | 0.3565 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 108@54 | 19.08 | 24.08 | 0.2559 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1 | 19.66 | 24.66 | 0.2924 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@215 | 18.9 | 23.9 | 0.2455 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM QPSK | 109@54 | 22.07 | 27.07 | 0.5093 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 22.69 | 27.69 | 0.5875 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM QPSK | 1@215 | 21.77 | 26.77 | 0.4753 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.45 | 28.45 | 0.6998 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.8 | 28.8 | 0.7586 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM PI/2 BPSK | 1@215 | 23.01 | 28.01 | 0.6324 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM QPSK | 108@54 | 23.41 | 28.41 | 0.6934 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM QPSK | 1@1 | 23.88 | 28.88 | 0.7727 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM QPSK | 1@215 | 23.13 | 28.13 | 0.6501 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 16 QAM | 108@54 | 22.51 | 27.51 | 0.5636 |

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| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 16 QAM | 1@1 | 23.11 | 28.11 | 0.6471 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 16 QAM | 1@215 | 22.29 | 27.29 | 0.5358 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 64 QAM | 108@54 | 21.02 | 26.02 | 0.3999 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 64 QAM | 1@1 | 21.33 | 26.33 | 0.4295 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 64 QAM | 1@215 | 20.57 | 25.57 | 0.3606 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 256 QAM | 108@54 | 19.03 | 24.03 | 0.2529 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 256 QAM | 1@1 | 19.6 | 24.6 | 0.2884 |
| **77** | 30 | 80 | 634000 | 3510.0 | DFT-s-OFDM 256 QAM | 1@215 | 18.6 | 23.6 | 0.2291 |
| **77** | 30 | 80 | 634000 | 3510.0 | CP-OFDM QPSK | 109@54 | 22.01 | 27.01 | 0.5023 |
| **77** | 30 | 80 | 634000 | 3510.0 | CP-OFDM QPSK | 1@1 | 22.5 | 27.5 | 0.5623 |
| **77** | 30 | 80 | 634000 | 3510.0 | CP-OFDM QPSK | 1@215 | 21.57 | 26.57 | 0.4539 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM PI/2 BPSK | 120@60 | 23.9 | 28.9 | 0.7762 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.39 | 29.39 | 0.8690 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM PI/2 BPSK | 1@243 | 23.79 | 28.79 | 0.7568 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM QPSK | 120@60 | 23.92 | 28.92 | 0.7798 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM QPSK | 1@1 | 24.34 | 29.34 | 0.8590 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM QPSK | 1@243 | 23.81 | 28.81 | 0.7603 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 16 QAM | 120@60 | 23.06 | 28.06 | 0.6397 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 16 QAM | 1@1 | 23.44 | 28.44 | 0.6982 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 16 QAM | 1@243 | 22.79 | 27.79 | 0.6012 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 64 QAM | 120@60 | 21.66 | 26.66 | 0.4634 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 64 QAM | 1@1 | 22.17 | 27.17 | 0.5212 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 64 QAM | 1@243 | 21.5 | 26.5 | 0.4467 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 256 QAM | 120@60 | 19.58 | 24.58 | 0.2871 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 256 QAM | 1@1 | 19.63 | 24.63 | 0.2904 |
| **77** | 30 | 90 | 633000 | 3495.0 | DFT-s-OFDM 256 QAM | 1@243 | 18.98 | 23.98 | 0.2500 |
| **77** | 30 | 90 | 633000 | 3495.0 | CP-OFDM QPSK | 123@61 | 22.63 | 27.63 | 0.5794 |
| **77** | 30 | 90 | 633000 | 3495.0 | CP-OFDM QPSK | 1@1 | 23.14 | 28.14 | 0.6516 |
| **77** | 30 | 90 | 633000 | 3495.0 | CP-OFDM QPSK | 1@243 | 22.59 | 27.59 | 0.5741 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 120@60 | 24 | 29 | 0.7943 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.45 | 29.45 | 0.8810 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@243 | 23.85 | 28.85 | 0.7674 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 120@60 | 23.98 | 28.98 | 0.7907 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 24.48 | 29.48 | 0.8872 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@243 | 23.84 | 28.84 | 0.7656 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 120@60 | 23.16 | 28.16 | 0.6546 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 23.5 | 28.5 | 0.7079 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@243 | 22.84 | 27.84 | 0.6081 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 120@60 | 21.64 | 26.64 | 0.4613 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@1 | 22.21 | 27.21 | 0.5260 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@243 | 21.53 | 26.53 | 0.4498 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 120@60 | 19.68 | 24.68 | 0.2938 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1 | 19.69 | 24.69 | 0.2944 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@243 | 19.03 | 24.03 | 0.2529 |
| **77** | 30 | 90 | 633334 | 3500.01 | CP-OFDM QPSK | 123@61 | 22.72 | 27.72 | 0.5916 |
| **77** | 30 | 90 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 23.28 | 28.28 | 0.6730 |
| **77** | 30 | 90 | 633334 | 3500.01 | CP-OFDM QPSK | 1@243 | 22.69 | 27.69 | 0.5875 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM PI/2 BPSK | 120@60 | 24.06 | 29.06 | 0.8054 |

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|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.43 | 29.43 | 0.8770 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM PI/2 BPSK | 1@243 | 23.79 | 28.79 | 0.7568 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM QPSK | 120@60 | 24.02 | 29.02 | 0.7980 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM QPSK | 1@1 | 24.44 | 29.44 | 0.8790 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM QPSK | 1@243 | 23.74 | 28.74 | 0.7482 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 16 QAM | 120@60 | 23.18 | 28.18 | 0.6577 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 16 QAM | 1@1 | 23.46 | 28.46 | 0.7015 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 16 QAM | 1@243 | 22.77 | 27.77 | 0.5984 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 64 QAM | 120@60 | 21.67 | 26.67 | 0.4645 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 64 QAM | 1@1 | 22.05 | 27.05 | 0.5070 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 64 QAM | 1@243 | 21.47 | 26.47 | 0.4436 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 256 QAM | 120@60 | 19.66 | 24.66 | 0.2924 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 256 QAM | 1@1 | 19.57 | 24.57 | 0.2864 |
| **77** | 30 | 90 | 633666 | 3504.99 | DFT-s-OFDM 256 QAM | 1@243 | 18.99 | 23.99 | 0.2506 |
| **77** | 30 | 90 | 633666 | 3504.99 | CP-OFDM QPSK | 123@61 | 22.69 | 27.69 | 0.5875 |
| **77** | 30 | 90 | 633666 | 3504.99 | CP-OFDM QPSK | 1@1 | 23.19 | 28.19 | 0.6592 |
| **77** | 30 | 90 | 633666 | 3504.99 | CP-OFDM QPSK | 1@243 | 22.7 | 27.7 | 0.5888 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 135@67 | 23.81 | 28.81 | 0.7603 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.37 | 29.37 | 0.8650 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@271 | 23.57 | 28.57 | 0.7194 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 135@67 | 23.81 | 28.81 | 0.7603 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@1 | 24.64 | 29.64 | 0.9204 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@271 | 23.61 | 28.61 | 0.7261 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 135@67 | 22.95 | 27.95 | 0.6237 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 23.64 | 28.64 | 0.7311 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@271 | 22.75 | 27.75 | 0.5957 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 135@67 | 21.39 | 26.39 | 0.4355 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@1 | 21.96 | 26.96 | 0.4966 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM | 1@271 | 21.08 | 26.08 | 0.4055 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 135@67 | 19.51 | 24.51 | 0.2825 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1 | 20.27 | 25.27 | 0.3365 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@271 | 19.26 | 24.26 | 0.2667 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 137@68 | 22.44 | 27.44 | 0.5546 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 23.2 | 28.2 | 0.6607 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@271 | 22.08 | 27.08 | 0.5105 |

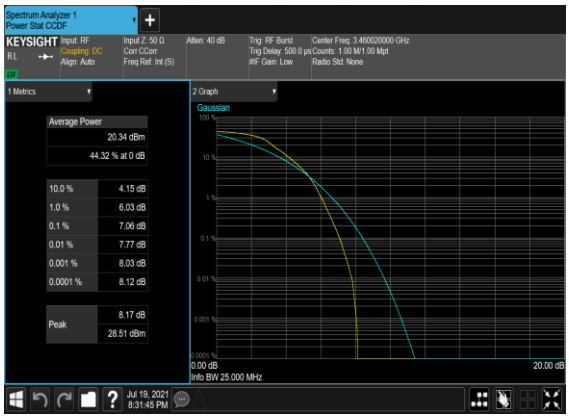
## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Deviation (ppm) | Verdict | Environment |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00669 | **PASS** | NV |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00206 | **PASS** | LV |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00197 | **PASS** | HV |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00208 | **PASS** | -30℃ |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00398 | **PASS** | -20℃ |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00373 | **PASS** | -10℃ |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00206 | **PASS** | 0℃ |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00551 | **PASS** | 10℃ |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00691 | **PASS** | 20℃ |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00302 | **PASS** | 30℃ |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.00237 | **PASS** | 40℃ |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | -0.008 | **PASS** | 50℃ |

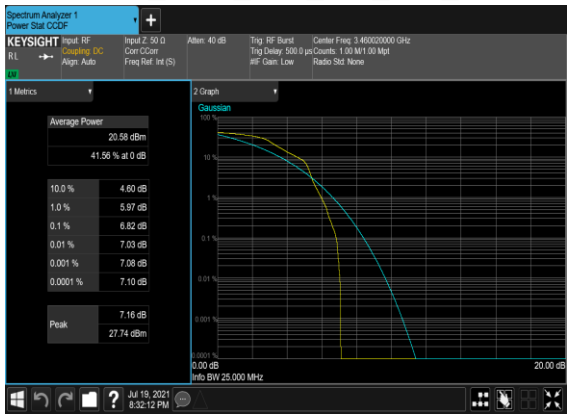
## Peak to Average Radio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result (dB) | Limit (dB) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM PI/2 BPSK | 50@0 | 7.06 | 13 | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM PI/2 BPSK | 1@0 | 6.82 | 13 | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 50@0 | 8.04 | 13 | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@0 | 7.87 | 13 | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 50@0 | 6.81 | 13 | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@0 | 6.82 | 13 | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | 7.52 | 13 | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | 7.04 | 13 | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM PI/2 BPSK | 50@0 | 6.93 | 13 | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 6.79 | 13 | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 50@0 | 7.72 | 13 | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 1@0 | 7.61 | 13 | **PASS** |

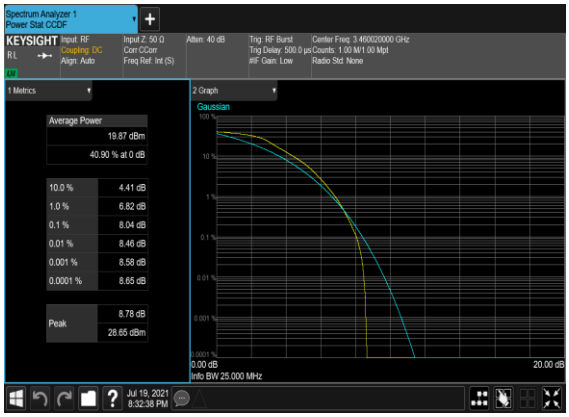
B2_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



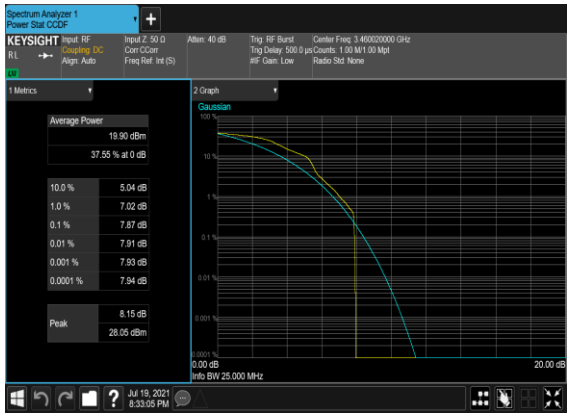

B2_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



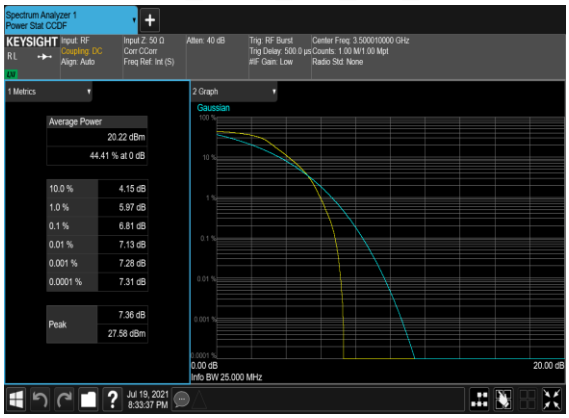

B2_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH




B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

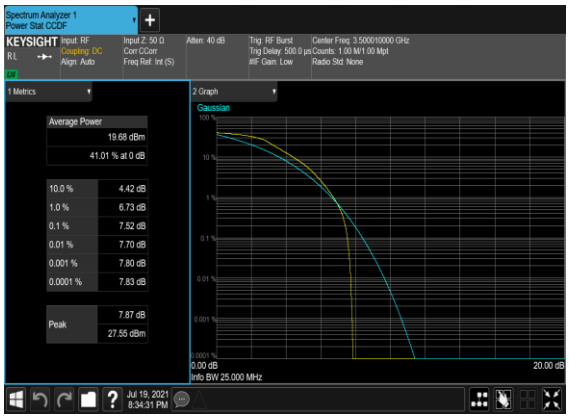



B2_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

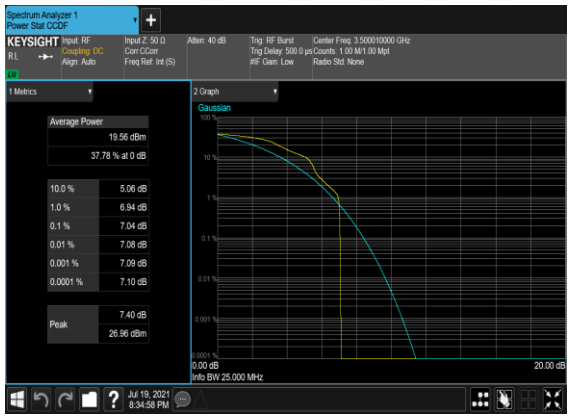



B2_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

B2_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

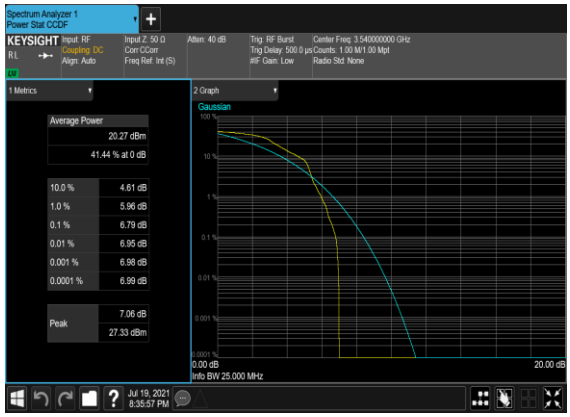



B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

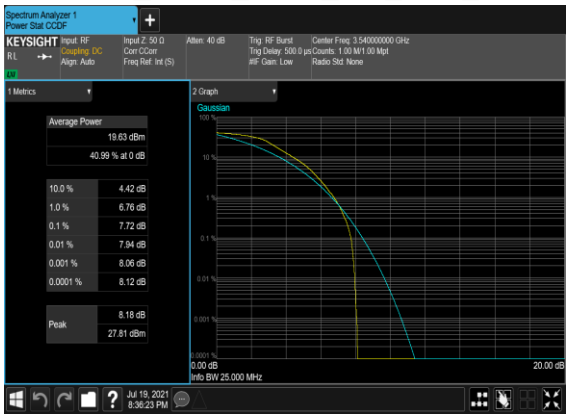



B2_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

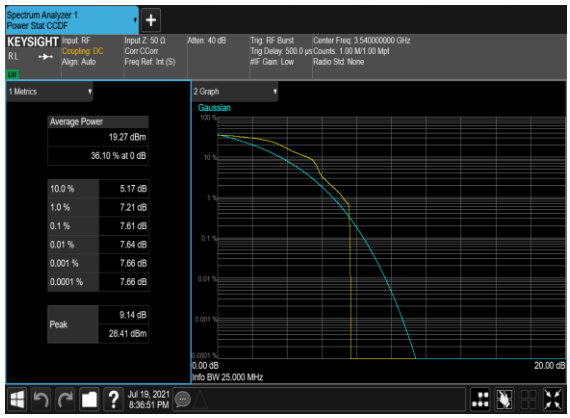
B2_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH




B2_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH




B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

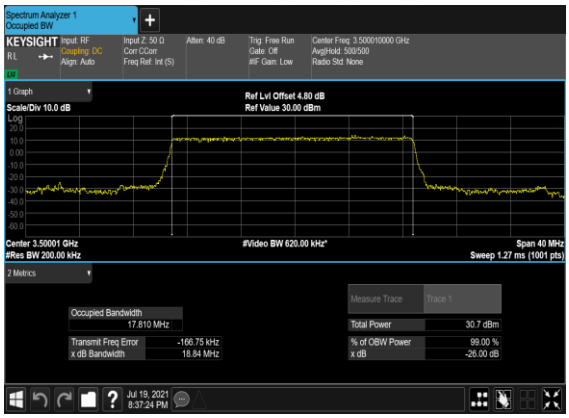


## Occupied Bandwidth

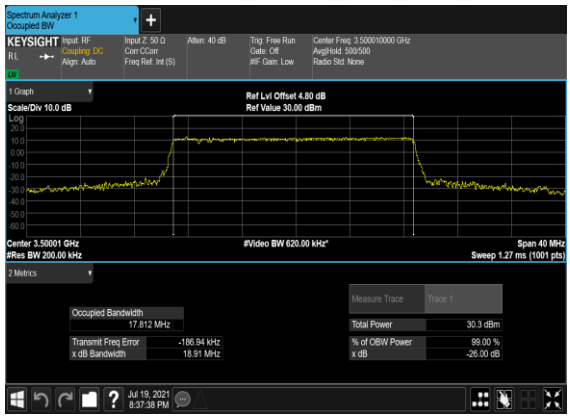
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | OBW (MHz) | 26dB OBW (MHz) |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 50@0 | 17.81 | 18.84 |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 50@0 | 17.812 | 18.91 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 18.176 | 19.61 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 16 QAM | 51@0 | 18.192 | 19.24 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 64 QAM | 51@0 | 18.225 | 19.33 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 256 QAM | 51@0 | 18.199 | 19.32 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 100@0 | 35.643 | 37.32 |
| **77** | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 100@0 | 35.684 | 37.24 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM QPSK | 106@0 | 37.819 | 39.38 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM 16 QAM | 106@0 | 37.778 | 39.54 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM 64 QAM | 106@0 | 37.857 | 39.35 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM 256 QAM | 106@0 | 37.842 | 39.43 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 128@0 | 45.737 | 47.44 |
| **77** | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 128@0 | 45.807 | 47.42 |
| **77** | 30 | 50 | 633334 | 3500.01 | CP-OFDM QPSK | 133@0 | 47.432 | 49.11 |
| **77** | 30 | 50 | 633334 | 3500.01 | CP-OFDM 16 QAM | 133@0 | 47.5 | 49.25 |
| **77** | 30 | 50 | 633334 | 3500.01 | CP-OFDM 64 QAM | 133@0 | 47.531 | 49.32 |
| **77** | 30 | 50 | 633334 | 3500.01 | CP-OFDM 256 QAM | 133@0 | 47.507 | 49.24 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 162@0 | 57.871 | 59.9 |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 162@0 | 57.887 | 59.89 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 162@0 | 57.806 | 59.92 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 16 QAM | 162@0 | 57.78 | 59.85 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 64 QAM | 162@0 | 57.733 | 59.67 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 256 QAM | 162@0 | 57.736 | 59.79 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 216@0 | 77.071 | 79.62 |
| **77** | 30 | 80 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 216@0 | 77.105 | 79.59 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM QPSK | 217@0 | 77.523 | 80.13 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM 16 QAM | 217@0 | 77.511 | 80.08 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM 64 QAM | 217@0 | 77.528 | 80.01 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM 256 QAM | 217@0 | 77.538 | 80.02 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 240@0 | 85.772 | 88.41 |
| **77** | 30 | 90 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 240@0 | 85.797 | 88.63 |
| **77** | 30 | 90 | 633334 | 3500.01 | CP-OFDM QPSK | 245@0 | 87.43 | 90.21 |
| **77** | 30 | 90 | 633334 | 3500.01 | CP-OFDM 16 QAM | 245@0 | 87.379 | 90.23 |
| **77** | 30 | 90 | 633334 | 3500.01 | CP-OFDM 64 QAM | 245@0 | 87.54 | 90.37 |
| **77** | 30 | 90 | 633334 | 3500.01 | CP-OFDM 256 QAM | 245@0 | 87.522 | 90.27 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 270@0 | 96.329 | 99.46 |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 270@0 | 96.304 | 99.55 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 97.605 | 100.6 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 273@0 | 97.402 | 100.5 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 273@0 | 97.397 | 100.6 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 273@0 | 97.425 | 100.7 |

B2_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

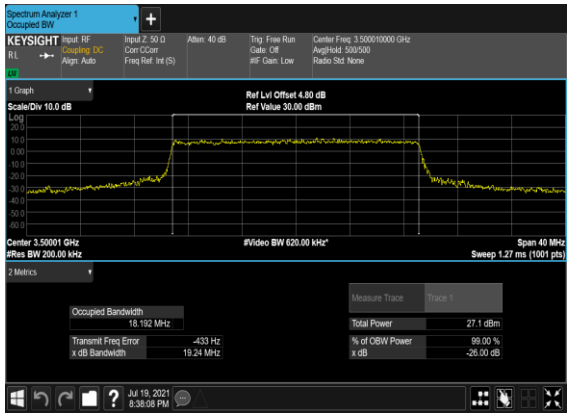



B2_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

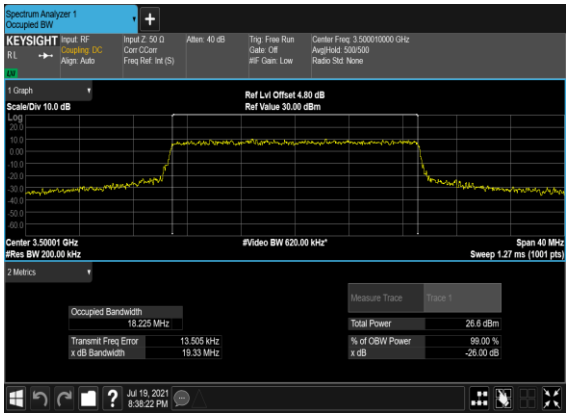



B2_N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

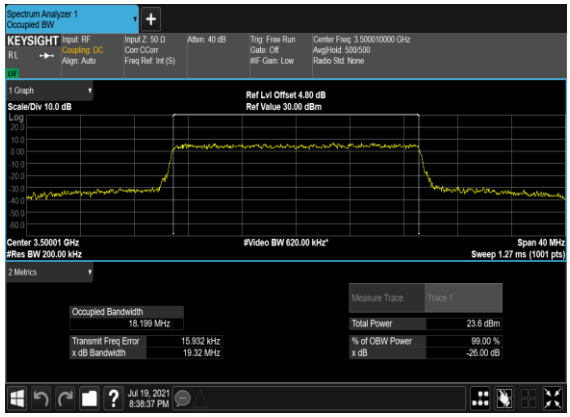
B2_N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



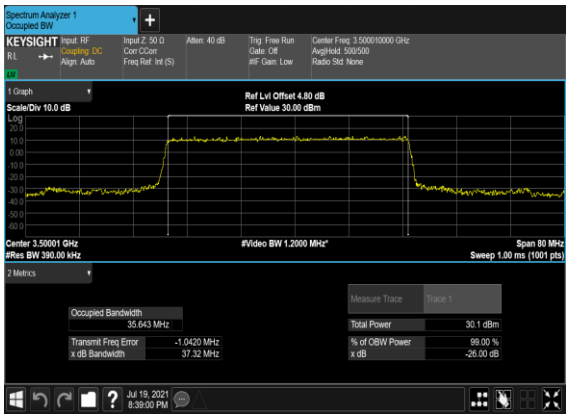

B2_N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH




B2_N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

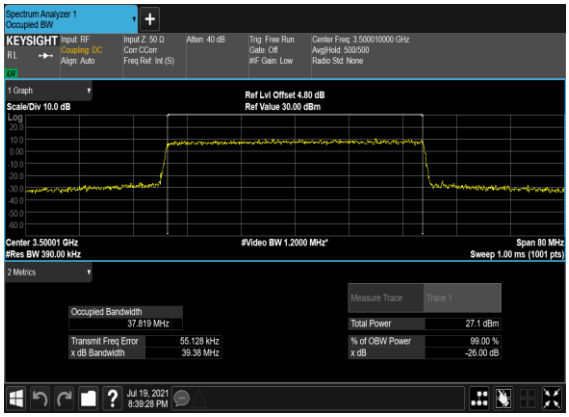


B2_N77(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

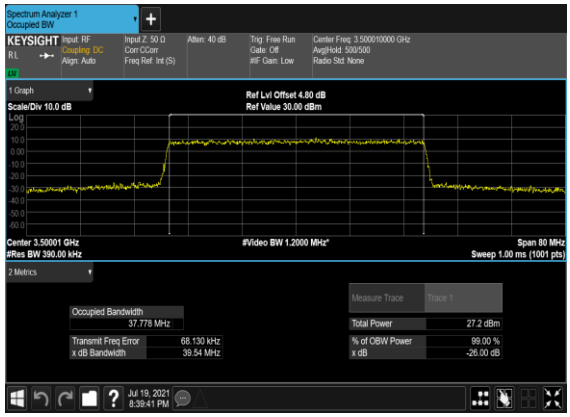



B2_N77(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

B2_N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

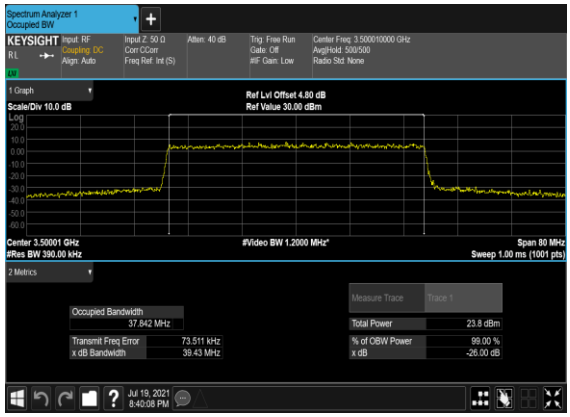



B2_N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

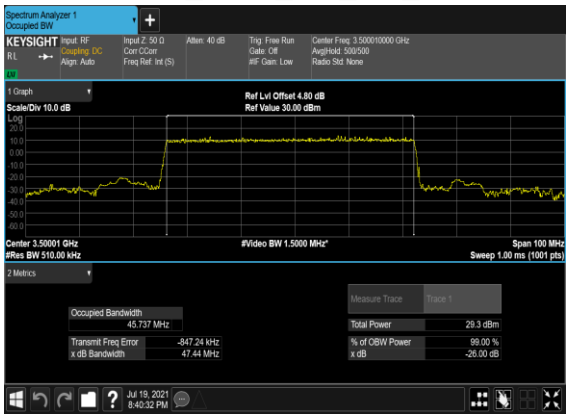



B2_N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

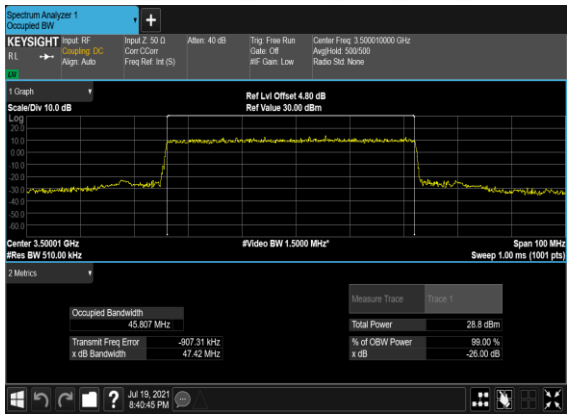
B2_N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



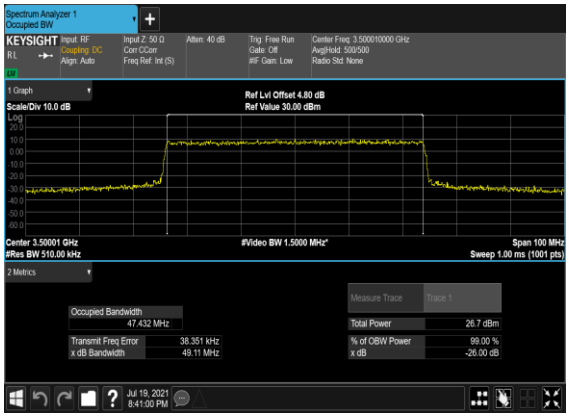
B2_N77(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH




B2_N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

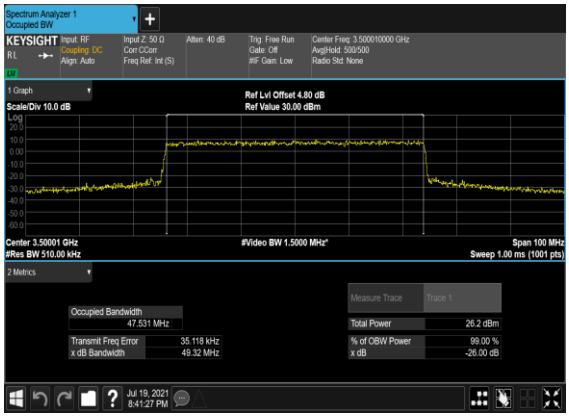



B2_N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

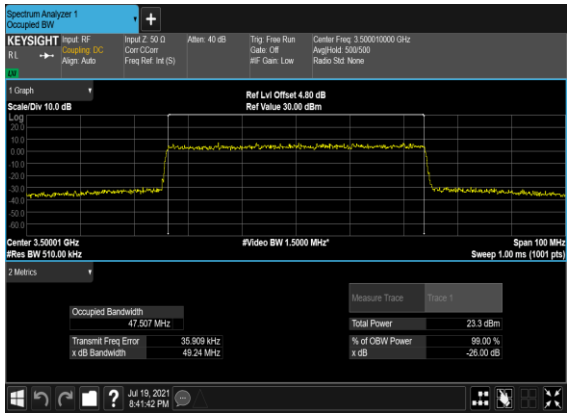



B2_N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

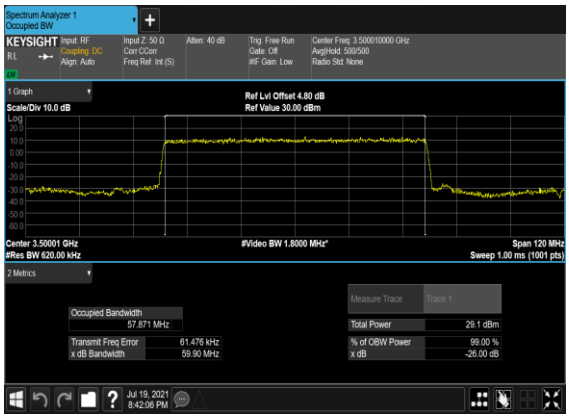
B2_N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



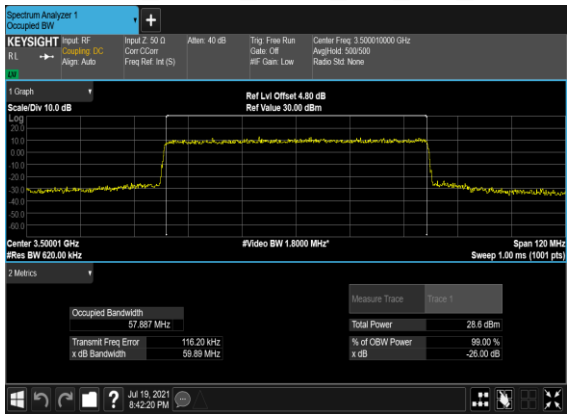

B2_N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



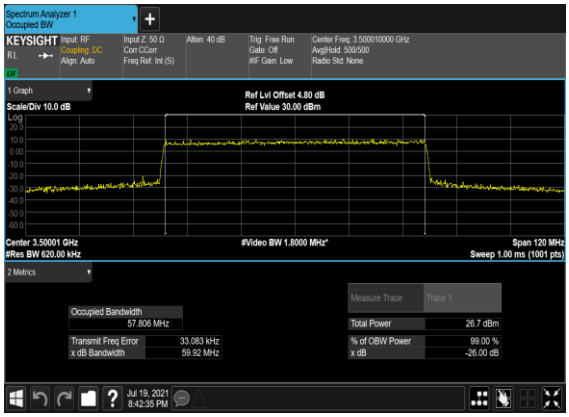
B2_N77(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



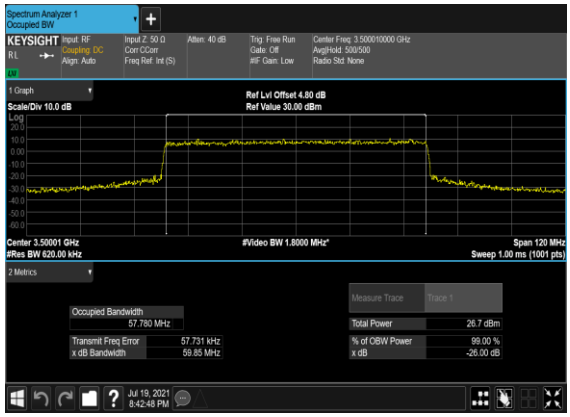

B2_N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



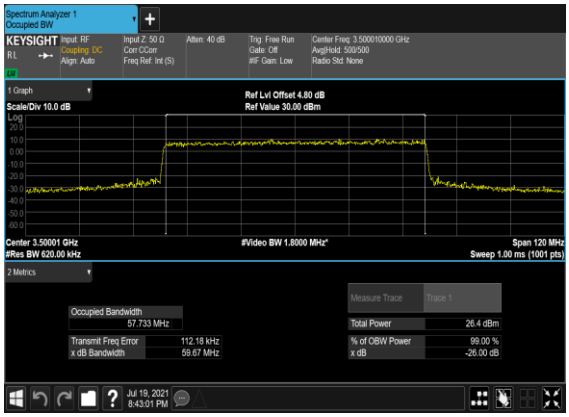

B2_N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



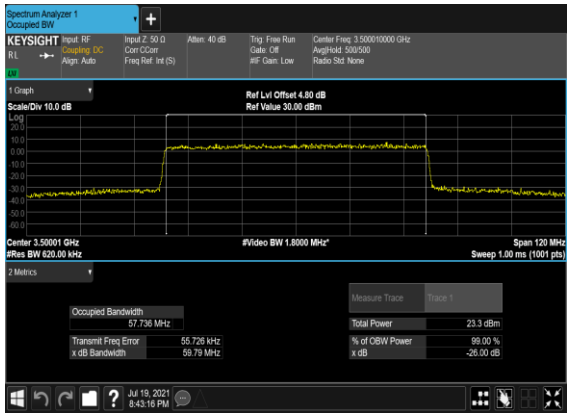

B2_N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



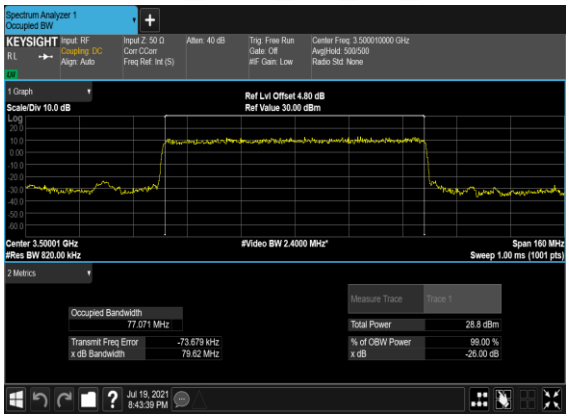

B2_N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



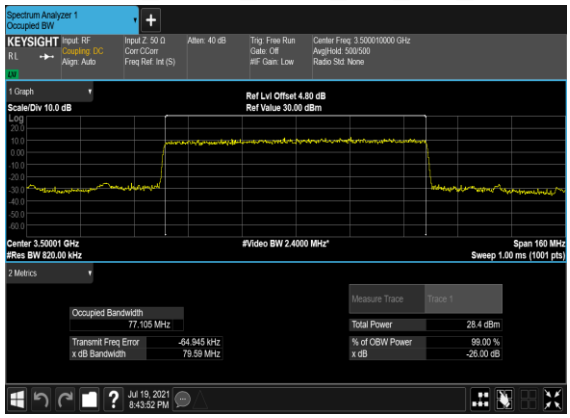

B2_N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B2_N77(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

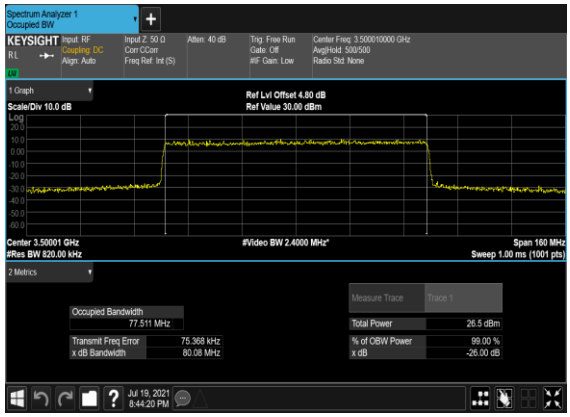



B2_N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



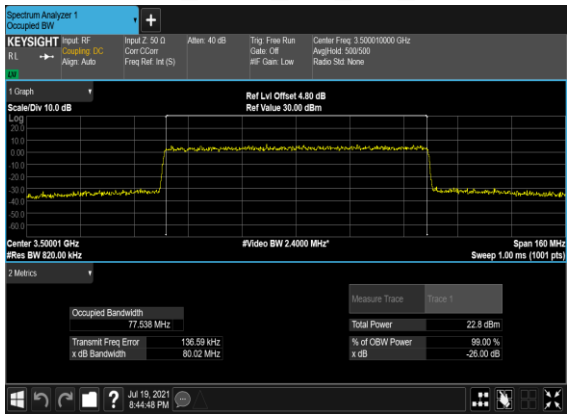

B2_N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



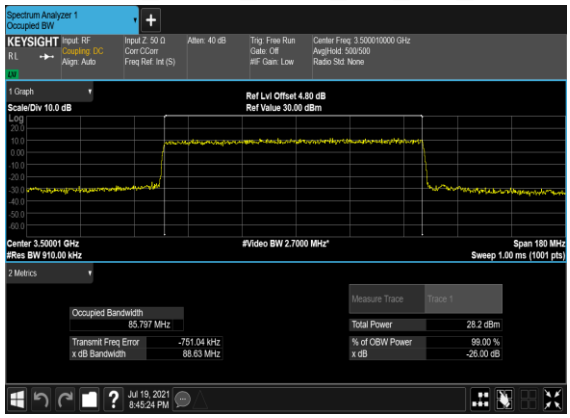

B2_N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

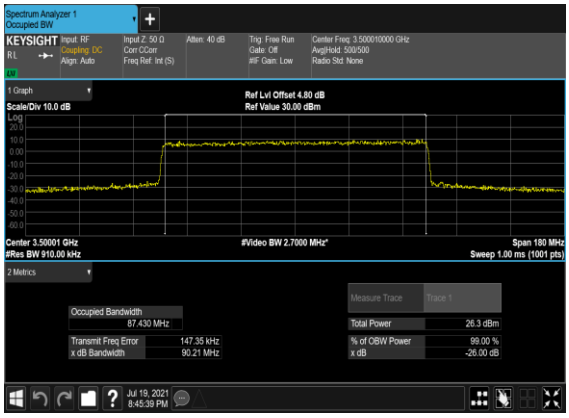


B2_N77(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

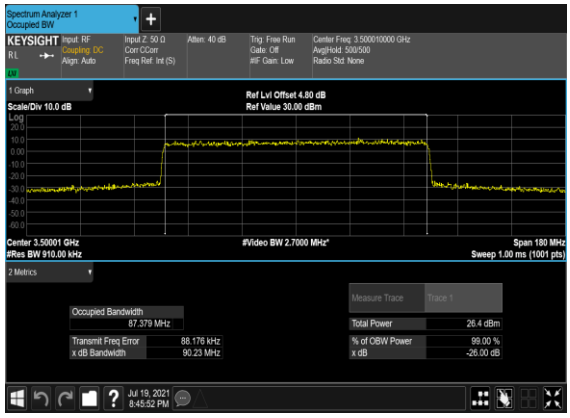
B2_N77(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



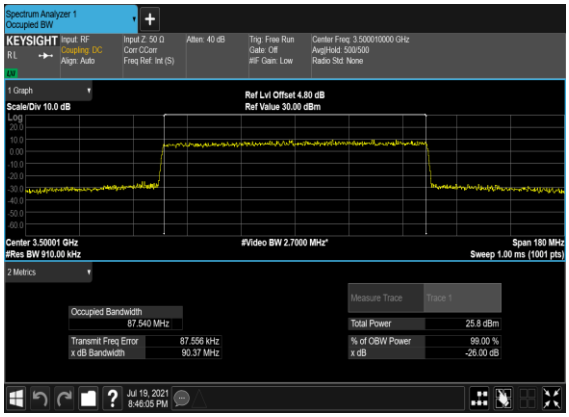

B2_N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



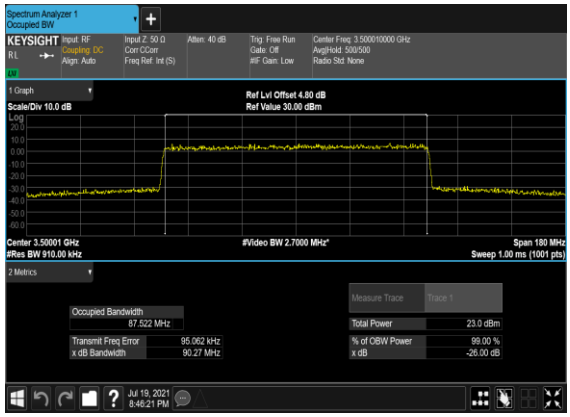

B2_N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



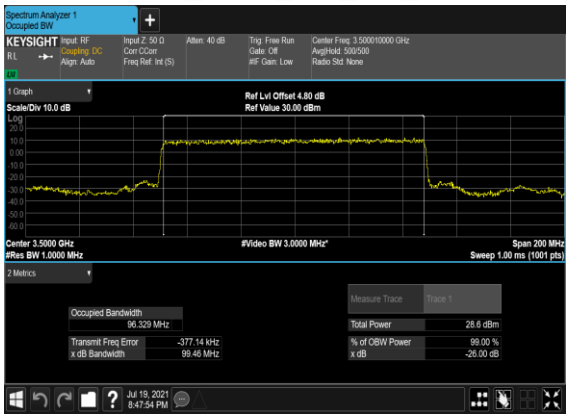

B2_N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



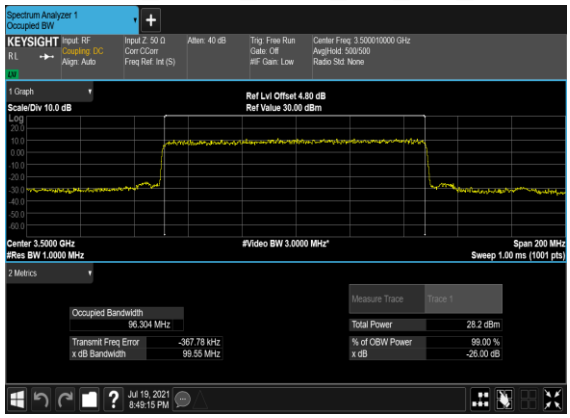

B2_N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



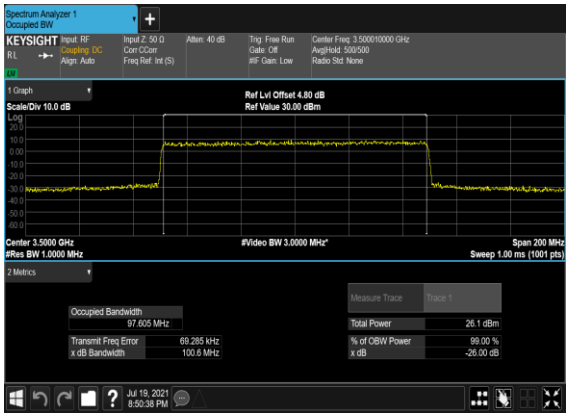
B2_N77(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



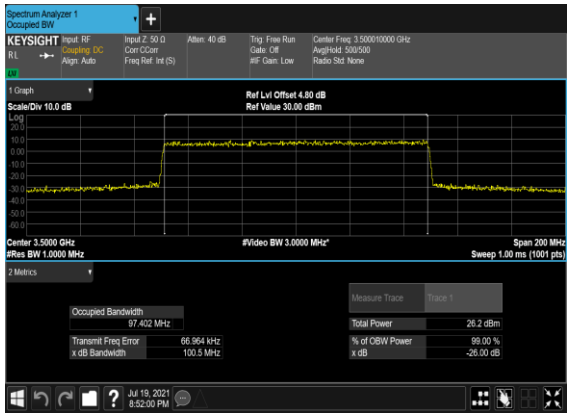

B2_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH




B2_N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

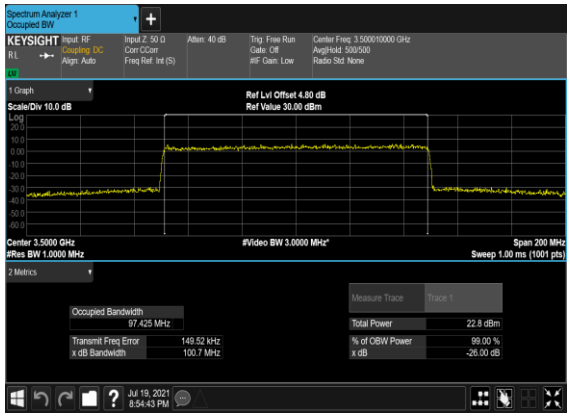



B2_N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH




B2_N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

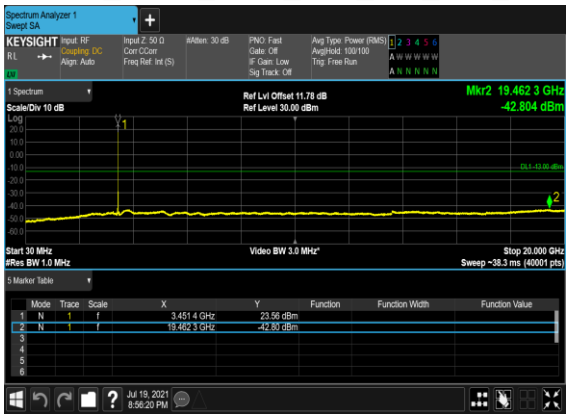


## Conducted Spurious Emissions

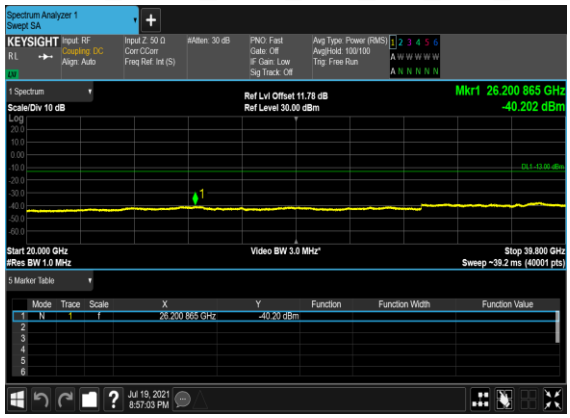
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |

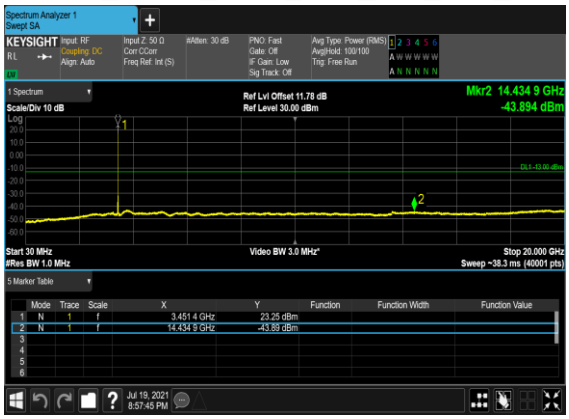
B2_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



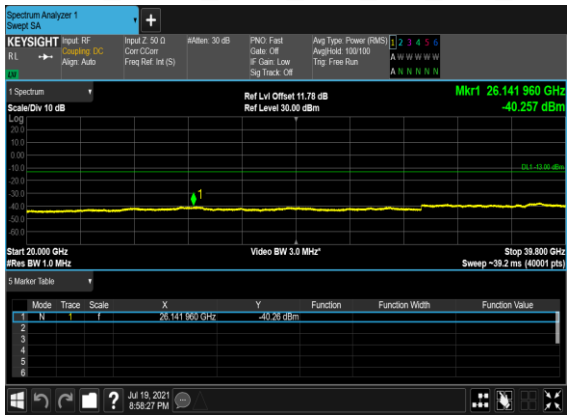

B2_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



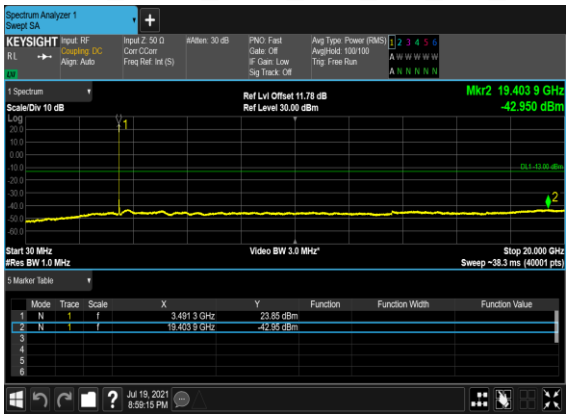

B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



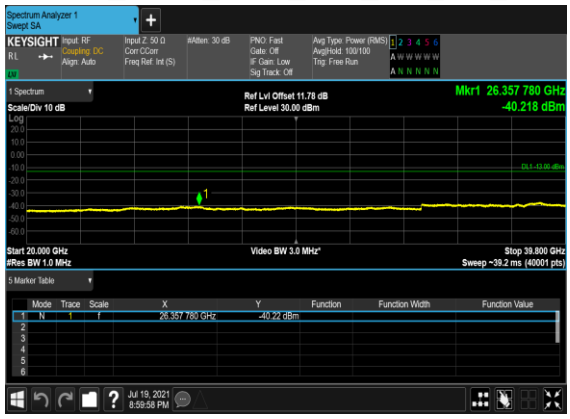

B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



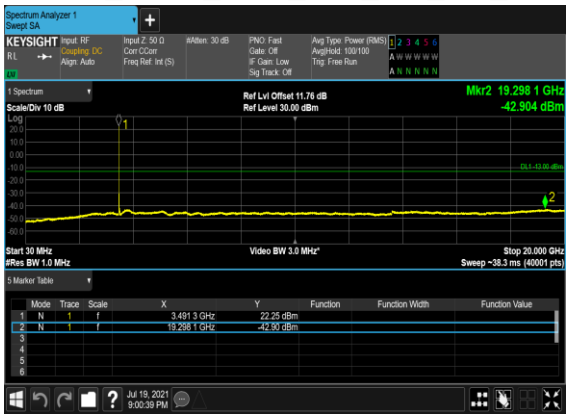

B2_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



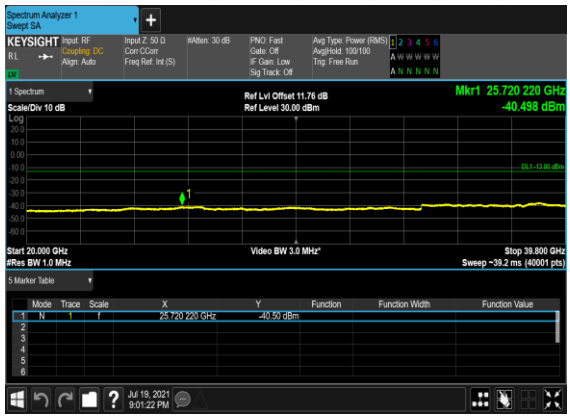

B2_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



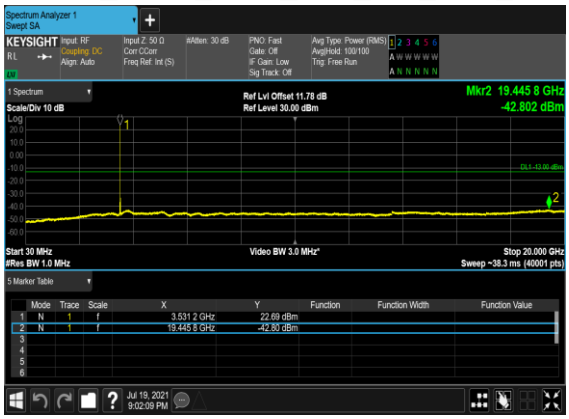
B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



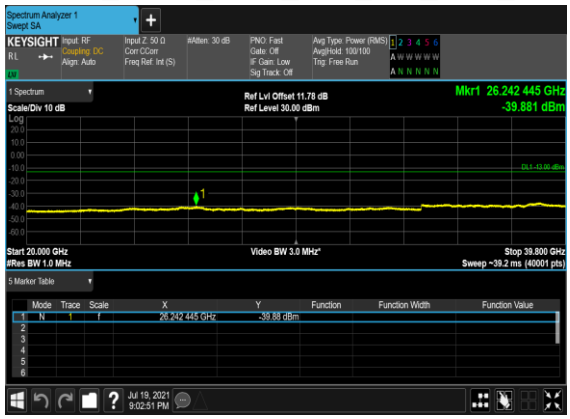

B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



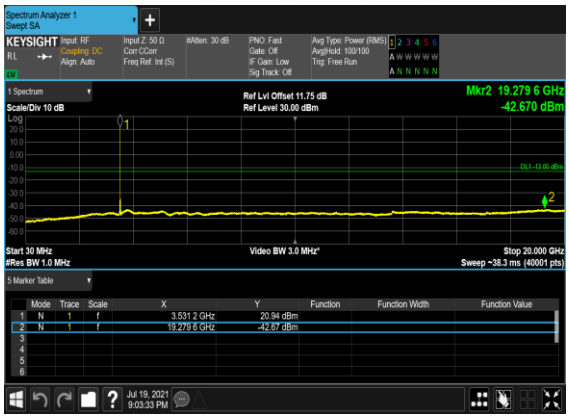

B2_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



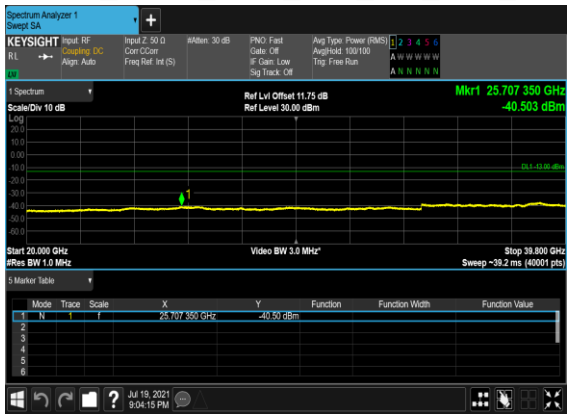

B2_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



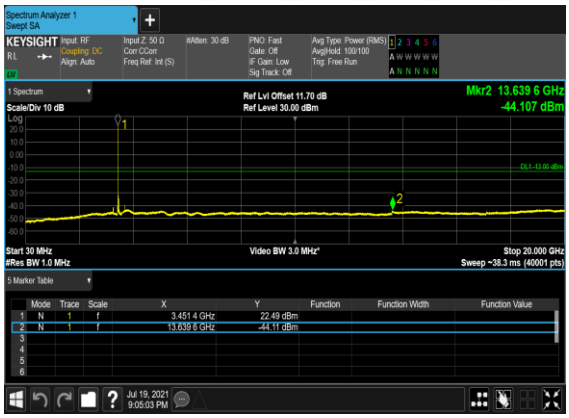

B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



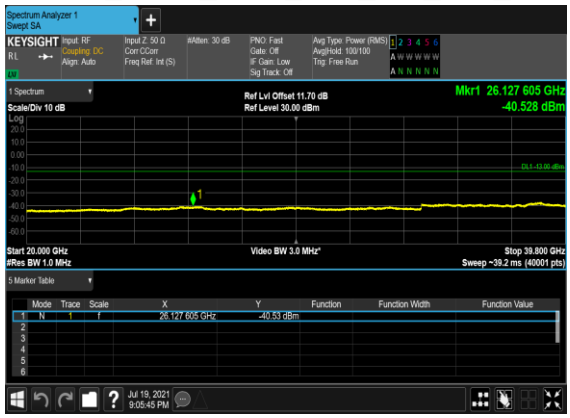

B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



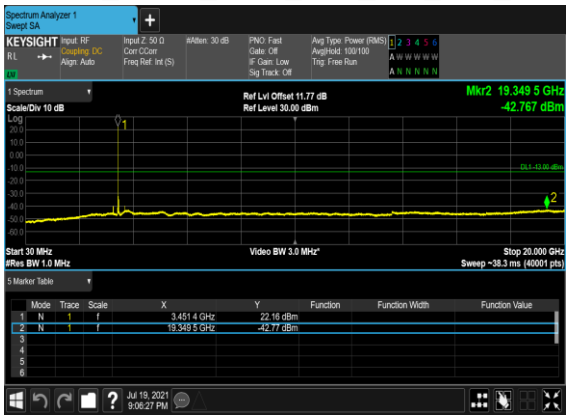
B2_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



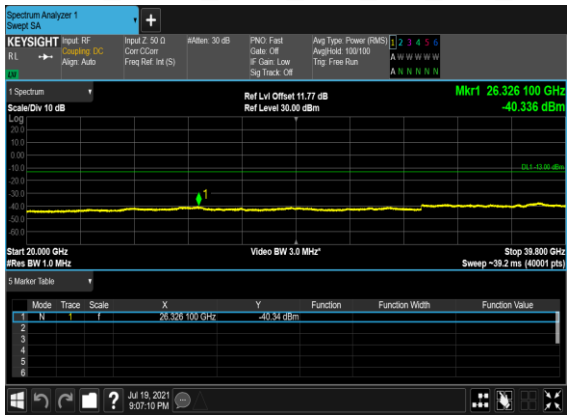

B2_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



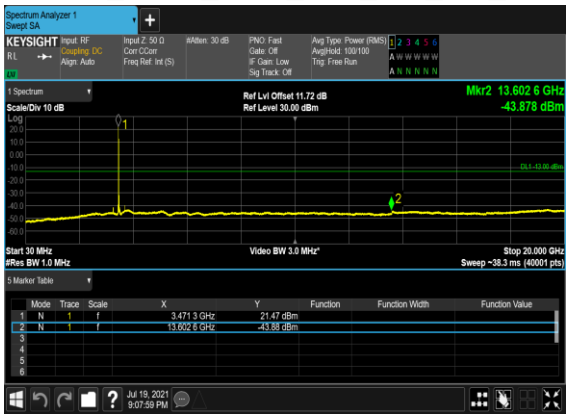

B2_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



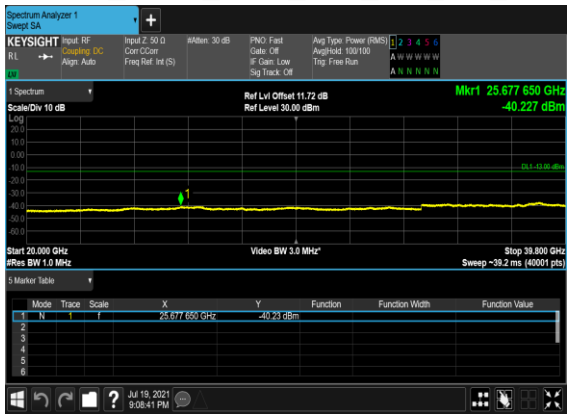

B2_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



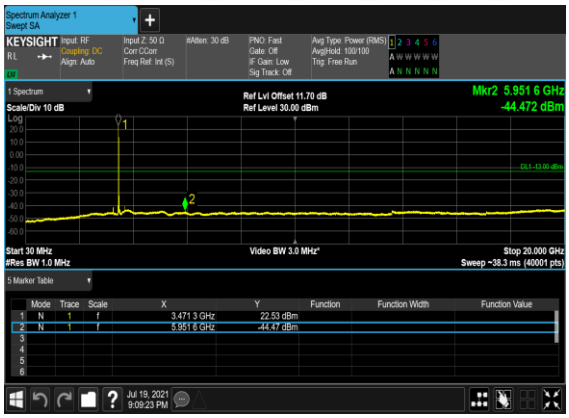

B2_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



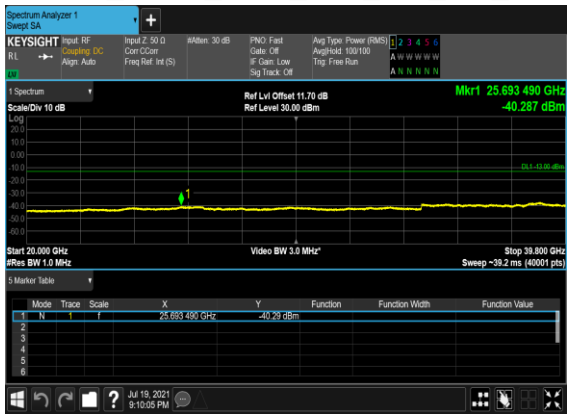

B2_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



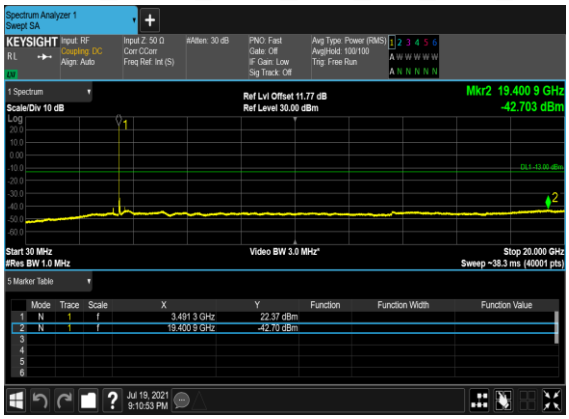
B2_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



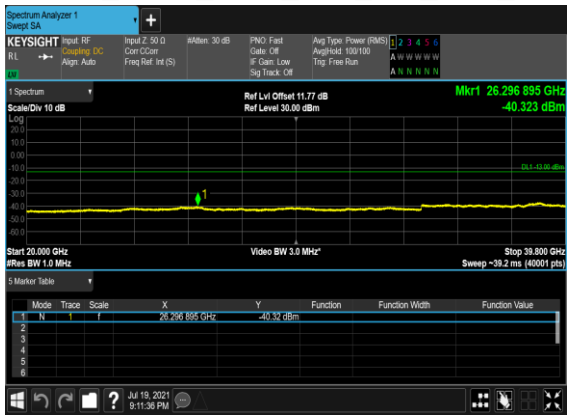

B2_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



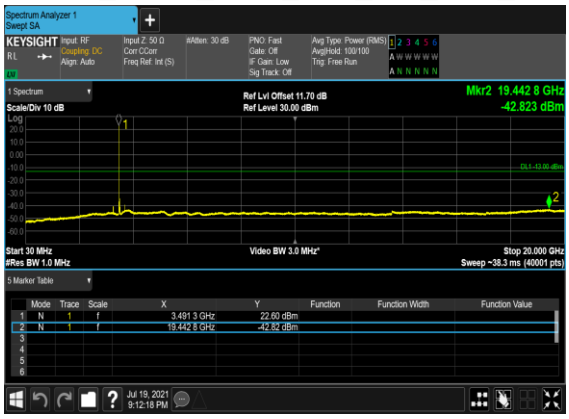

B2_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



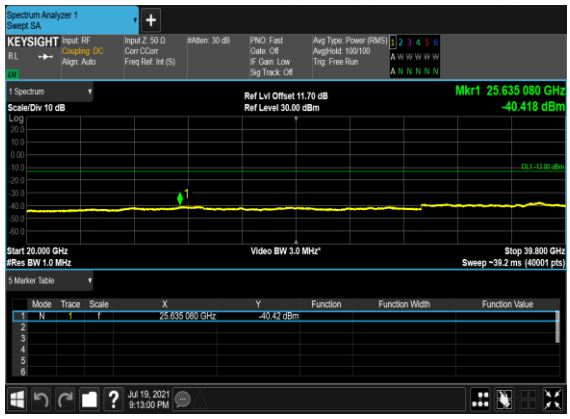

B2_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



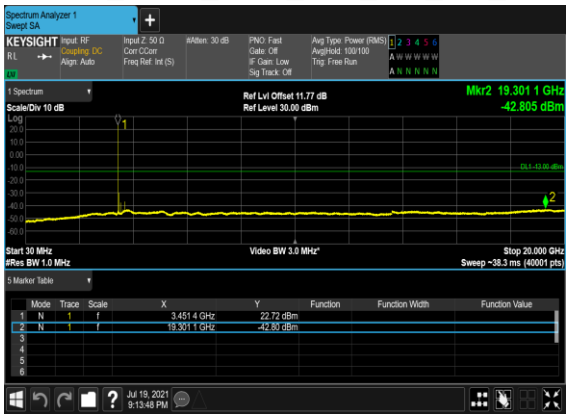

B2_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



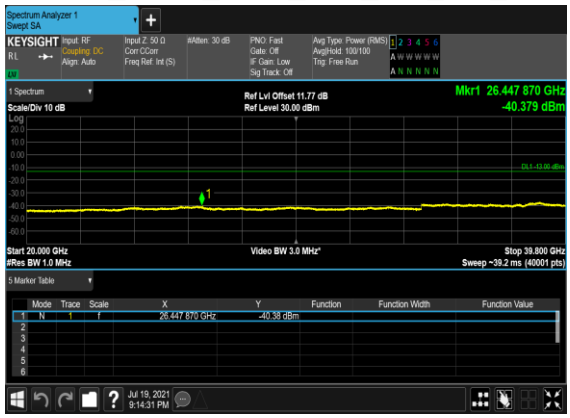

B2_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



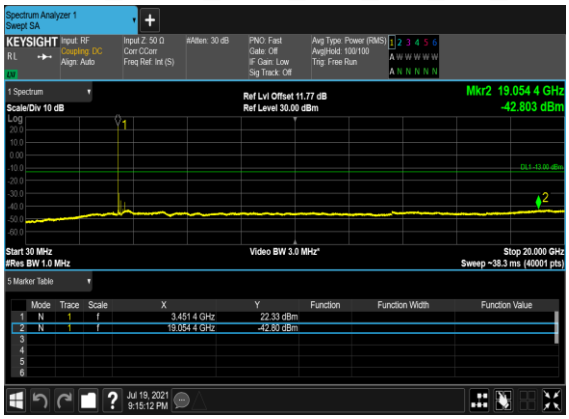
B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



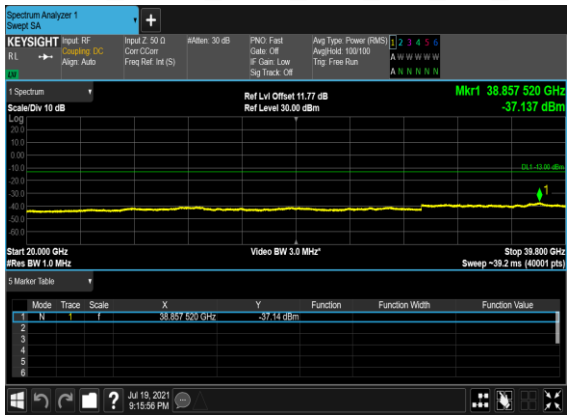

B2_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH




B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



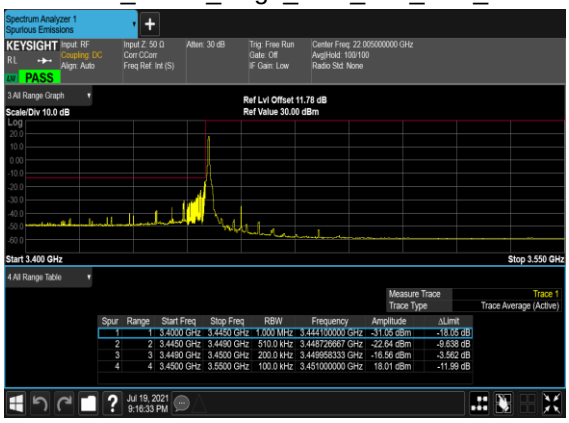

B2_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



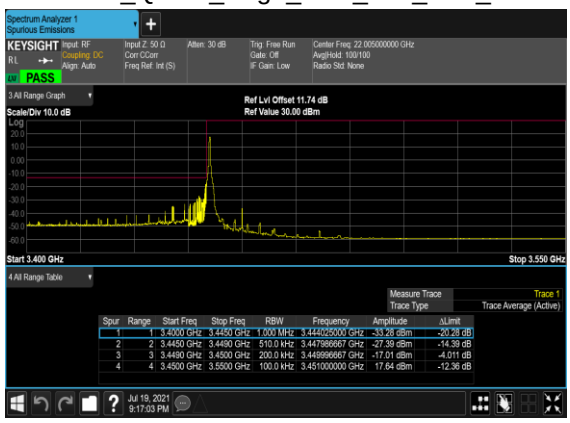
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM BPSK | 50@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 50@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM BPSK | 1@50 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 1@50 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM BPSK | 50@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 50@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM BPSK | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM BPSK | 1@161 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 1@161 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM BPSK | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 162@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@272 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@272 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 270@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 270@0 | see graph | **PASS** |

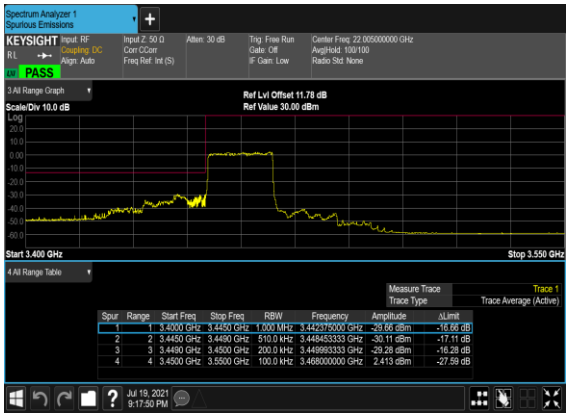
B2_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH




B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

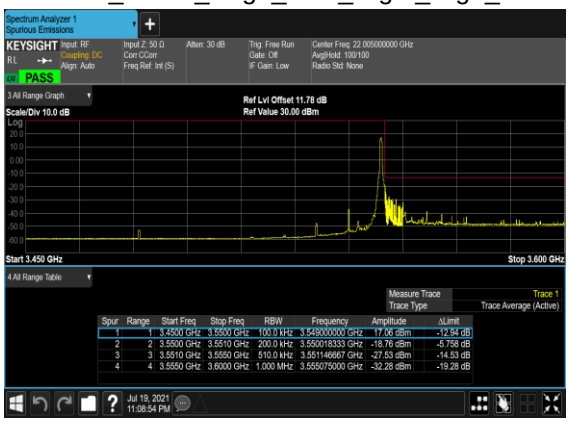


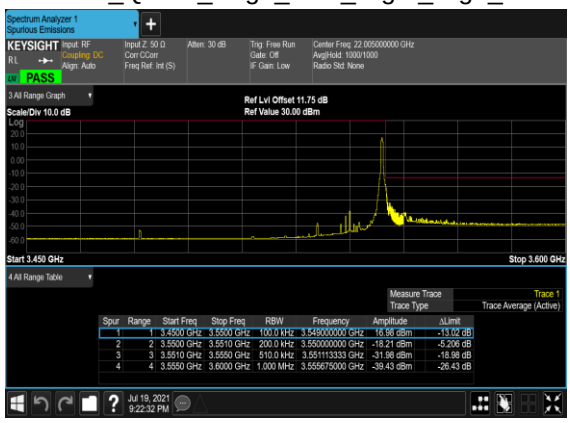

B2_N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH




B2_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

B2_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH




B2_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH