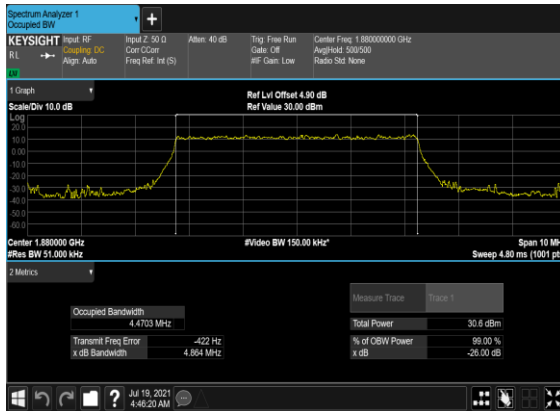
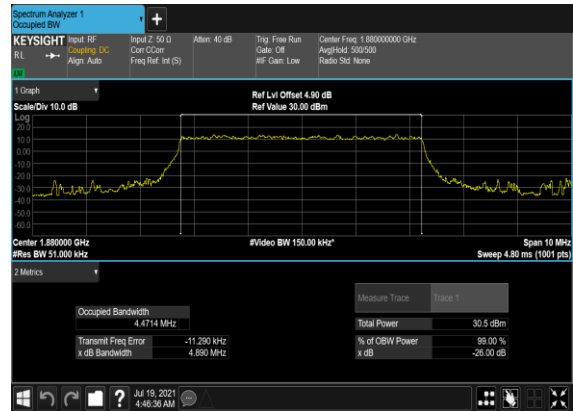


B5_N2(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



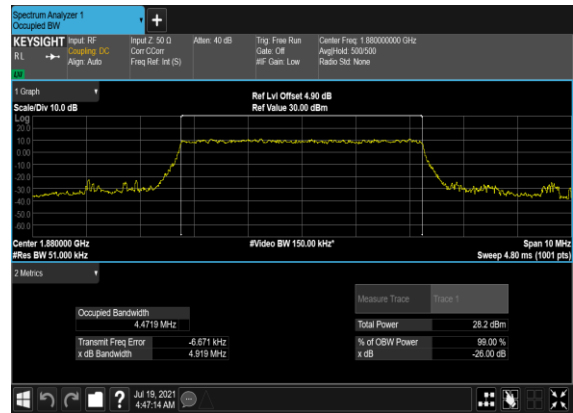
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OFDM_QPSK_Outer_Full_Mid_CH



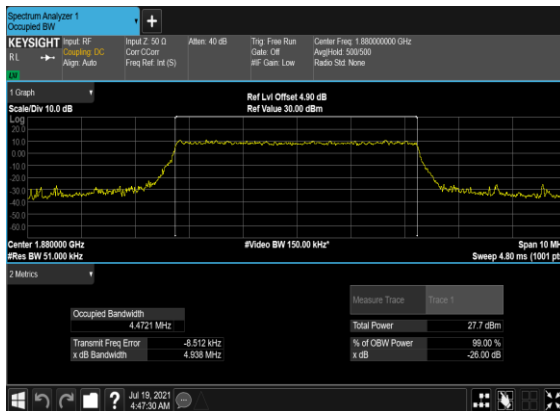
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OFDM_QPSK_Outer_Full_Mid_CH



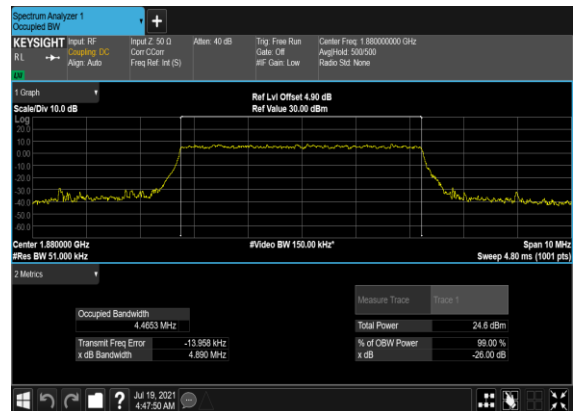
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QAM_Outer_Full_Mid_CH



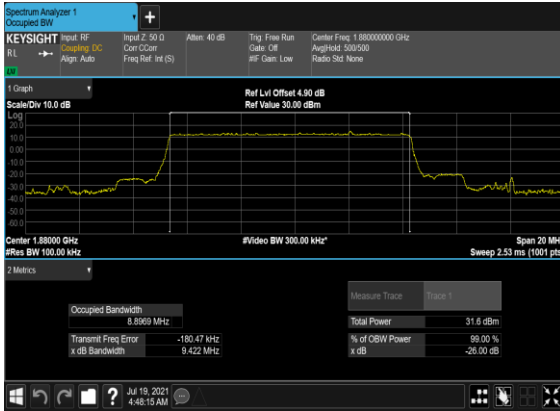
B5_N2(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N2(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



B5_N2(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



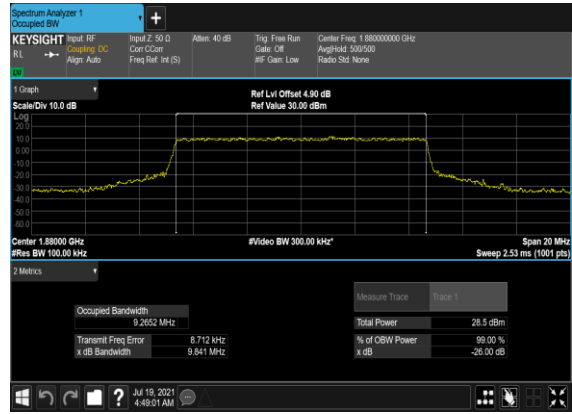
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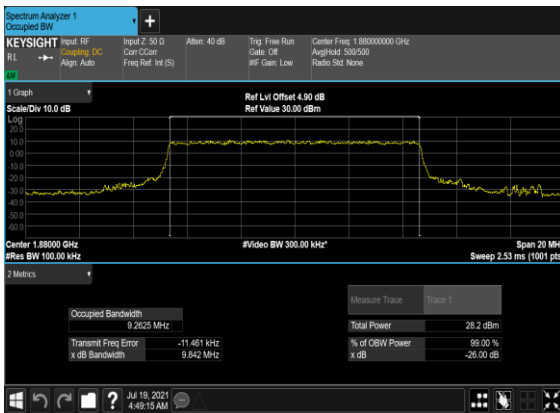
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OFDM_QPSK_Outer_Full_Mid_CH



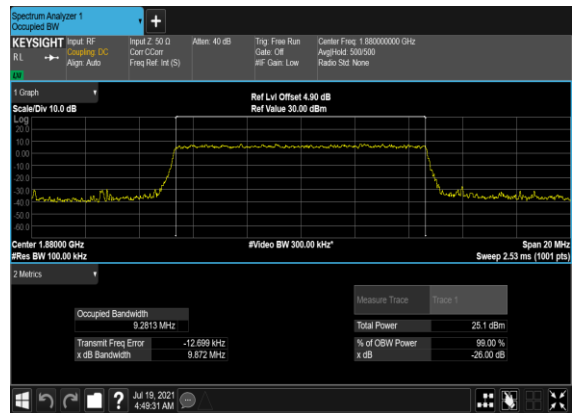
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QAM_Outer_Full_Mid_CH



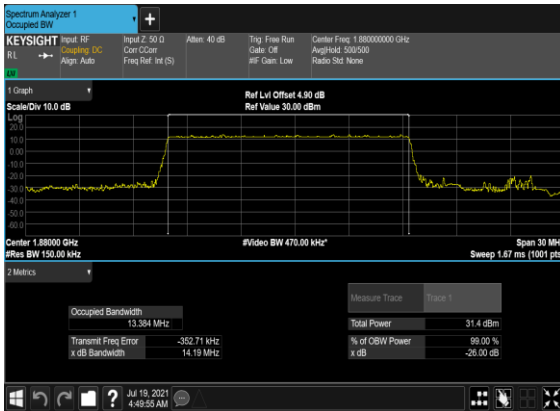
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QAM_Outer_Full_Mid_CH



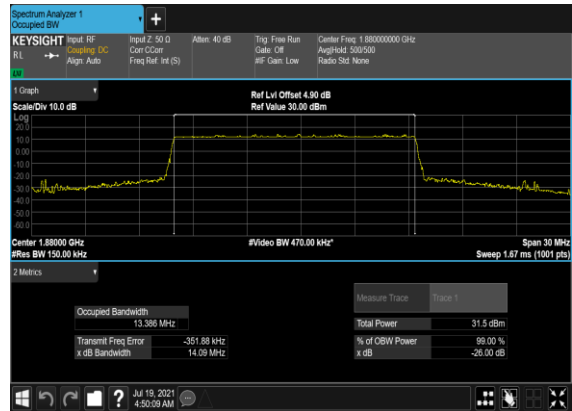
B5_N2(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



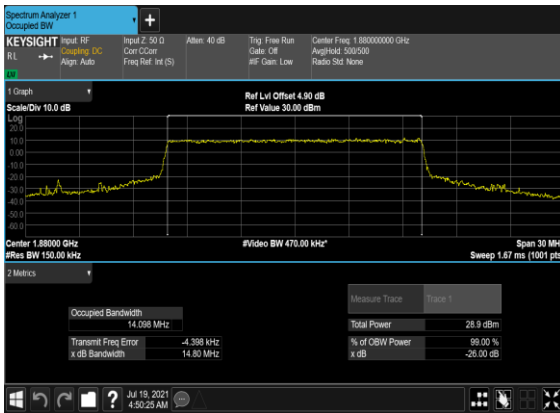
B5_N2(15M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



B5_N2(15M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



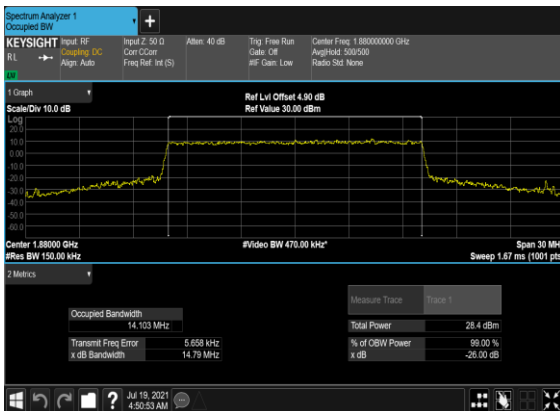
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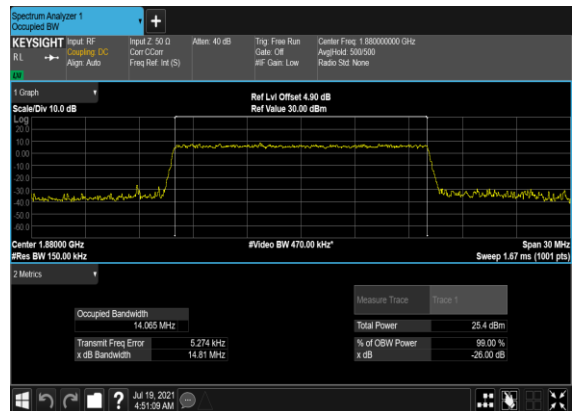
B5_N2(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



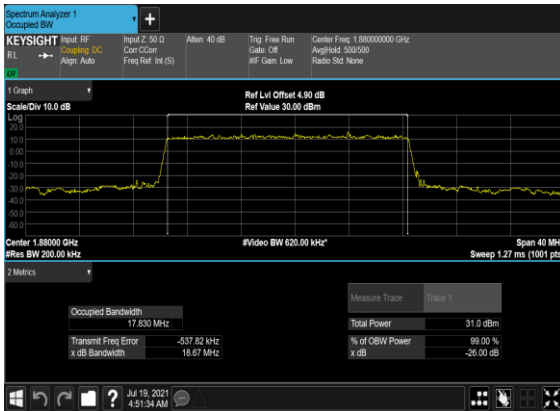
B5_N2(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B5_N2(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B5_N2(20M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



B5_N2(20M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



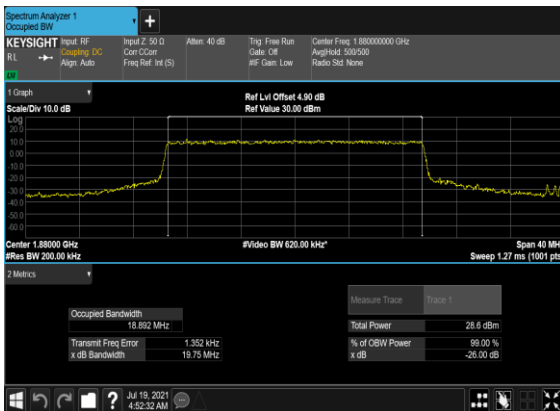
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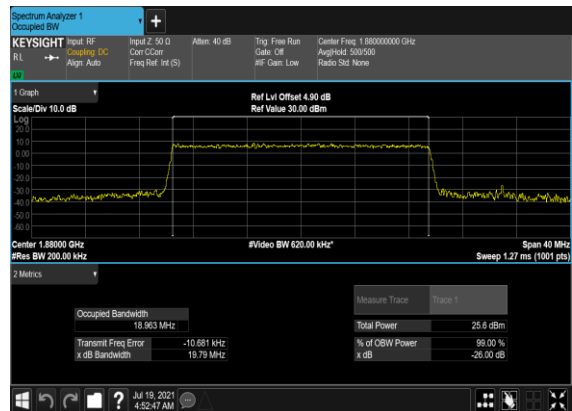
B5_N2(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B5_N2(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B5_N2(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

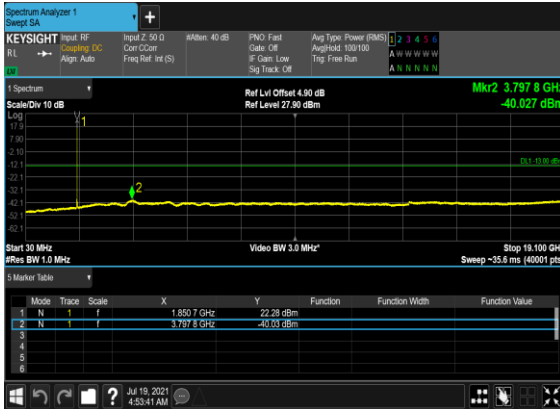


Conducted Spurious Emissions

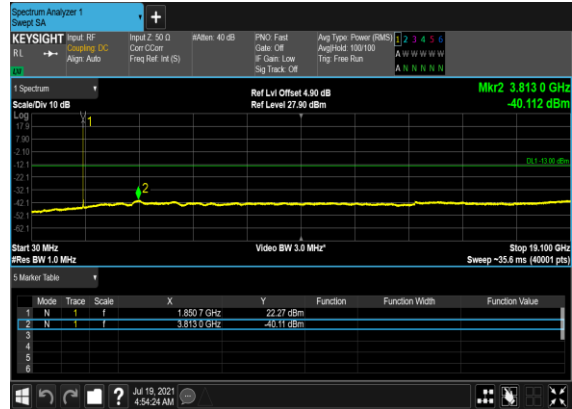
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|-------------|
| 2 | 15 | 5 | 386500 | 1852.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 5 | 386500 | 1852.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 5 | 386500 | 1852.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 2 | 15 | 5 | 386500 | 1852.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 5 | 392000 | 1880.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 5 | 392000 | 1880.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 5 | 392000 | 1880.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 2 | 15 | 5 | 392000 | 1880.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 5 | 397500 | 1907.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 5 | 397500 | 1907.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 5 | 397500 | 1907.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 2 | 15 | 5 | 397500 | 1907.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 2 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 10 | 392000 | 1880.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 10 | 392000 | 1880.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 10 | 392000 | 1880.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 2 | 15 | 10 | 392000 | 1880.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 10 | 397000 | 1905.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 10 | 397000 | 1905.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |

| | | | | | | | | |
|---|----|----|--------|--------|--------------------|-----|-----------|-------------|
| 2 | 15 | 10 | 397000 | 1905.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 2 | 15 | 10 | 397000 | 1905.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 2 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 20 | 392000 | 1880.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 20 | 392000 | 1880.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 20 | 392000 | 1880.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 2 | 15 | 20 | 392000 | 1880.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 20 | 396000 | 1900.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 2 | 15 | 20 | 396000 | 1900.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 20 | 396000 | 1900.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
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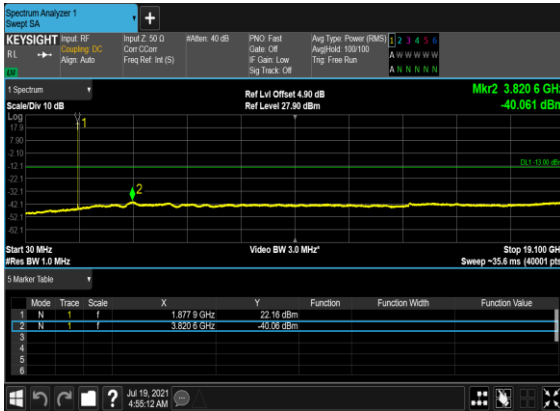
B5_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



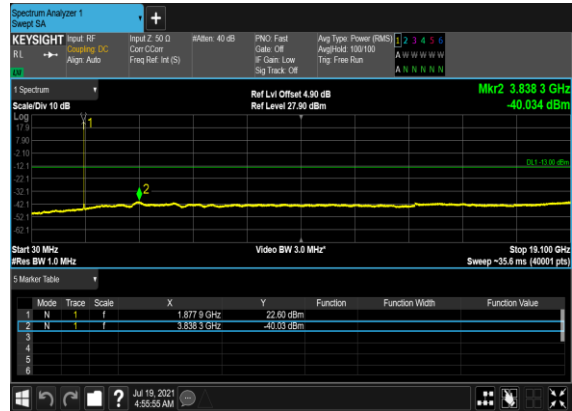
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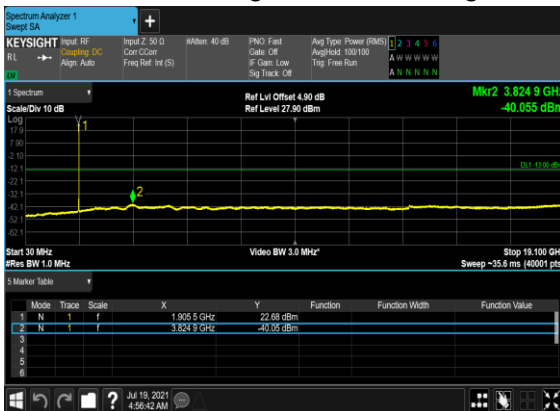
B5_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



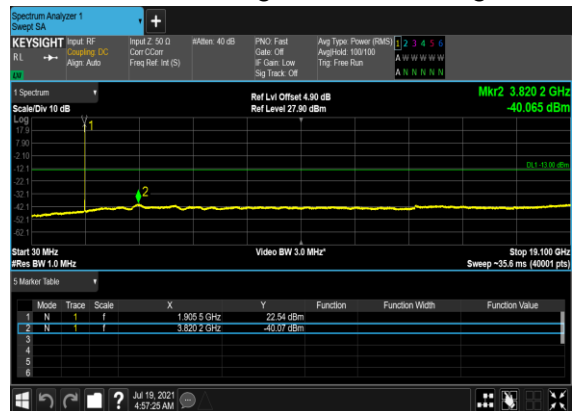
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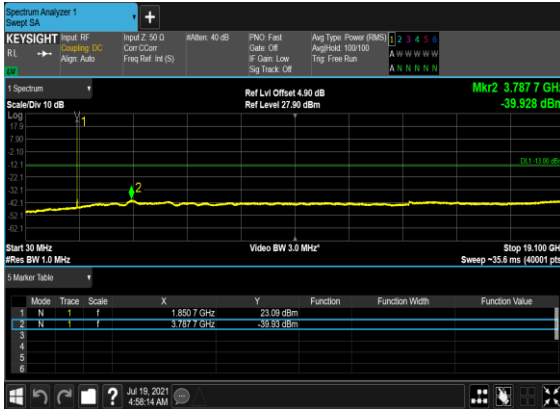
B5_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



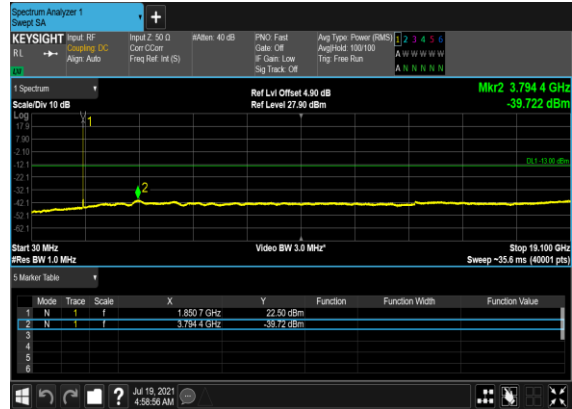
B5_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



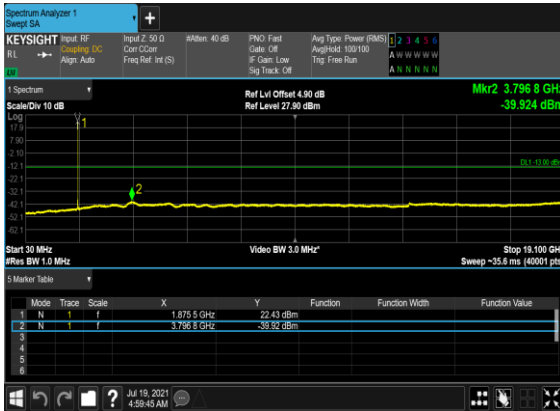
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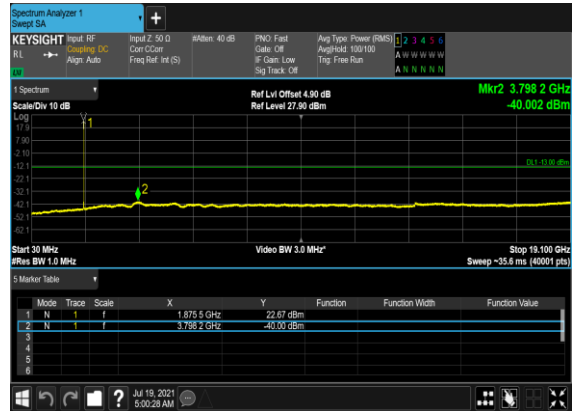
B5_N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



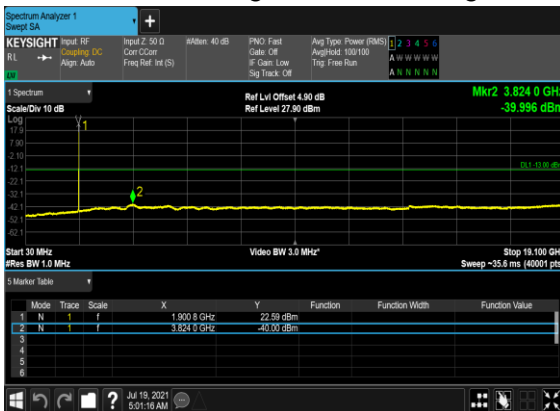
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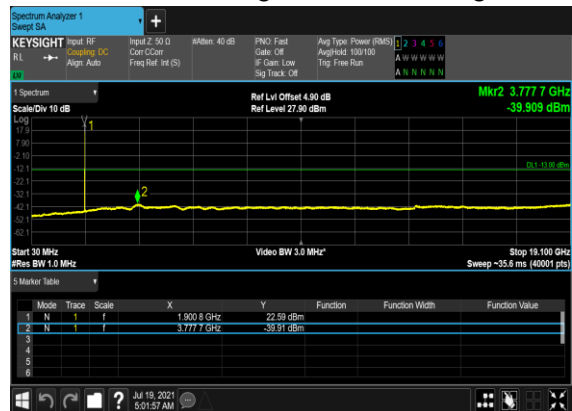
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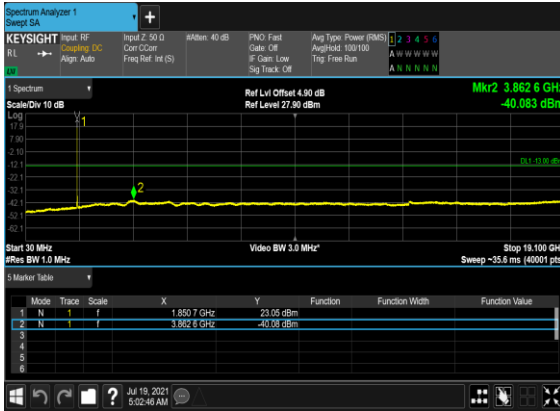
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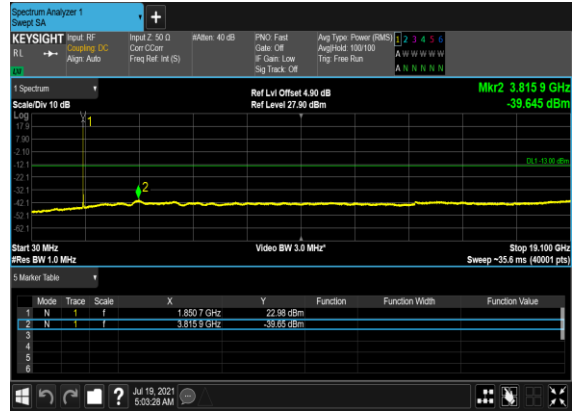
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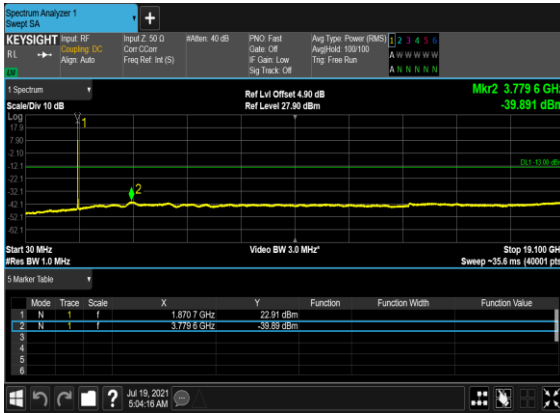
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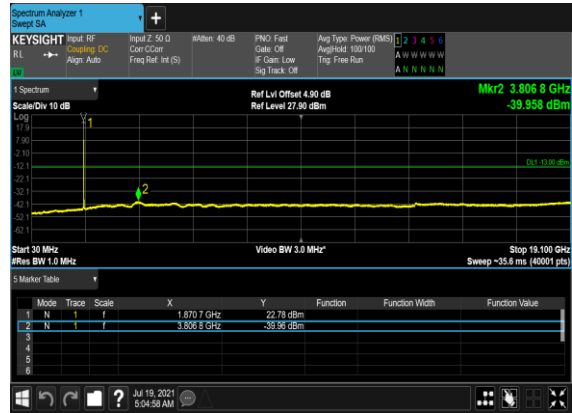
B5_N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



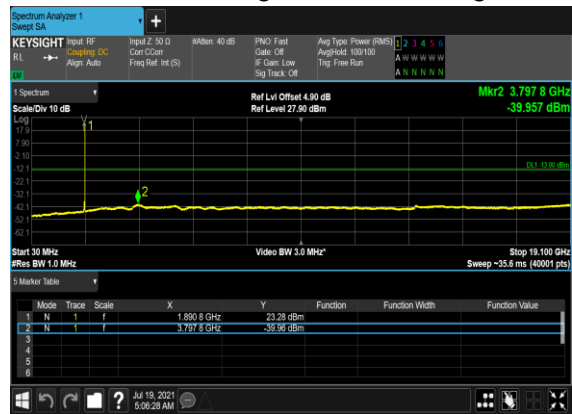
B5_N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



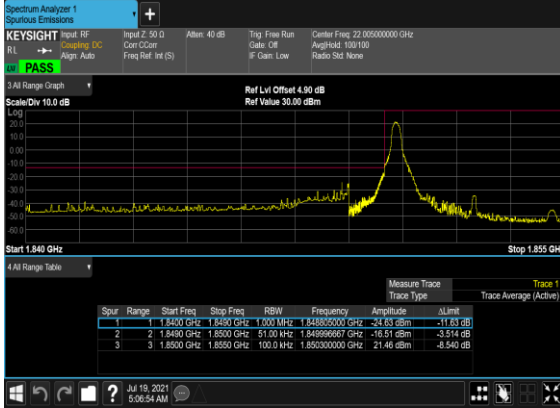
B5_N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



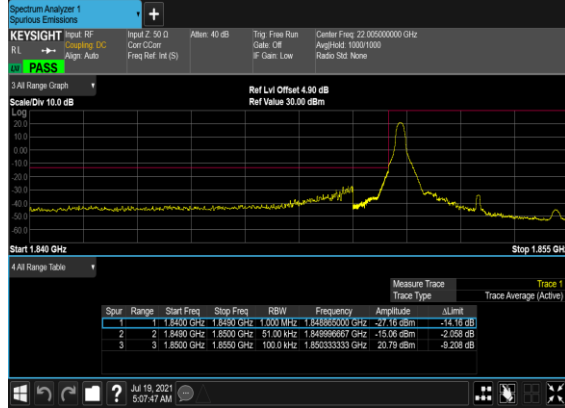
Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 2 | 15 | 5 | 386500 | 1852.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 5 | 386500 | 1852.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 5 | 386500 | 1852.5 | DFT-s-OFDM BPSK | 25@0 | see graph | PASS |
| 2 | 15 | 5 | 386500 | 1852.5 | DFT-s-OFDM QPSK | 25@0 | see graph | PASS |
| 2 | 15 | 5 | 397500 | 1907.5 | DFT-s-OFDM BPSK | 1@24 | see graph | PASS |
| 2 | 15 | 5 | 397500 | 1907.5 | DFT-s-OFDM QPSK | 1@24 | see graph | PASS |
| 2 | 15 | 5 | 397500 | 1907.5 | DFT-s-OFDM BPSK | 25@0 | see graph | PASS |
| 2 | 15 | 5 | 397500 | 1907.5 | DFT-s-OFDM QPSK | 25@0 | see graph | PASS |
| 2 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM BPSK | 50@0 | see graph | PASS |
| 2 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM QPSK | 50@0 | see graph | PASS |
| 2 | 15 | 10 | 397000 | 1905.0 | DFT-s-OFDM BPSK | 1@51 | see graph | PASS |
| 2 | 15 | 10 | 397000 | 1905.0 | DFT-s-OFDM QPSK | 1@51 | see graph | PASS |
| 2 | 15 | 10 | 397000 | 1905.0 | DFT-s-OFDM BPSK | 50@0 | see graph | PASS |
| 2 | 15 | 10 | 397000 | 1905.0 | DFT-s-OFDM QPSK | 50@0 | see graph | PASS |
| 2 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 2 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 2 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM BPSK | 100@0 | see graph | PASS |
| 2 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM QPSK | 100@0 | see graph | PASS |
| 2 | 15 | 20 | 396000 | 1900.0 | DFT-s-OFDM BPSK | 1@105 | see graph | PASS |
| 2 | 15 | 20 | 396000 | 1900.0 | DFT-s-OFDM QPSK | 1@105 | see graph | PASS |
| 2 | 15 | 20 | 396000 | 1900.0 | DFT-s-OFDM BPSK | 100@0 | see graph | PASS |
| 2 | 15 | 20 | 396000 | 1900.0 | DFT-s-OFDM QPSK | 100@0 | see graph | PASS |

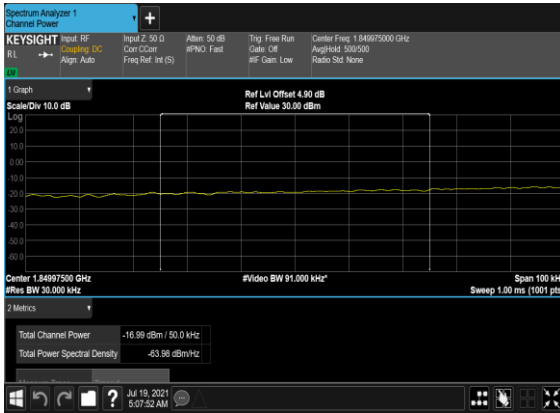
B5_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



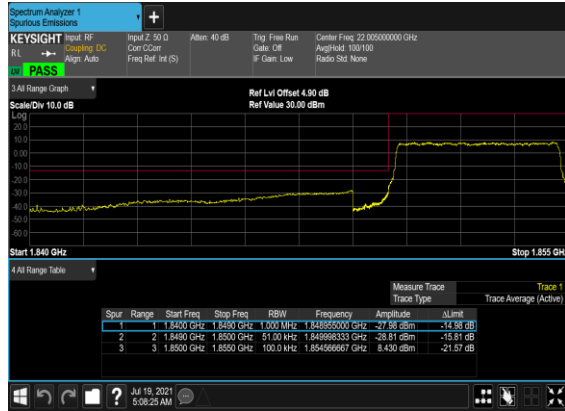
B5_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



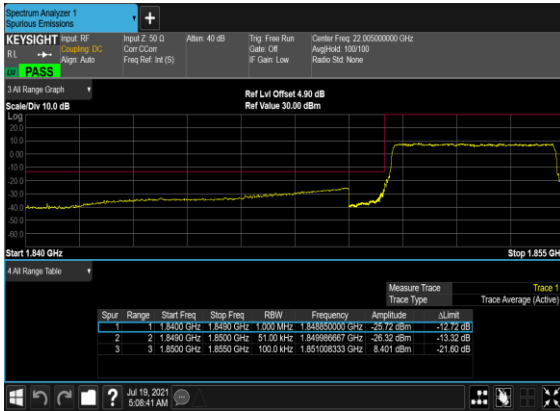
B5_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



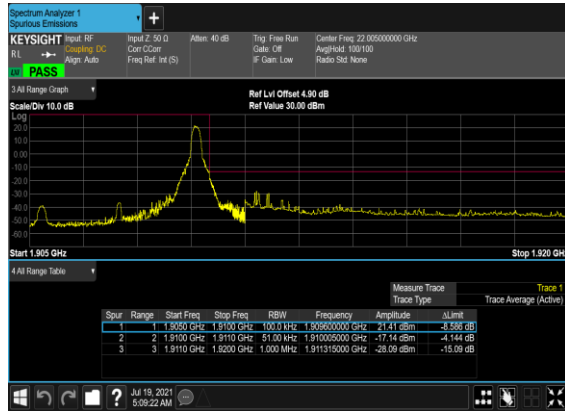
B5_N2(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



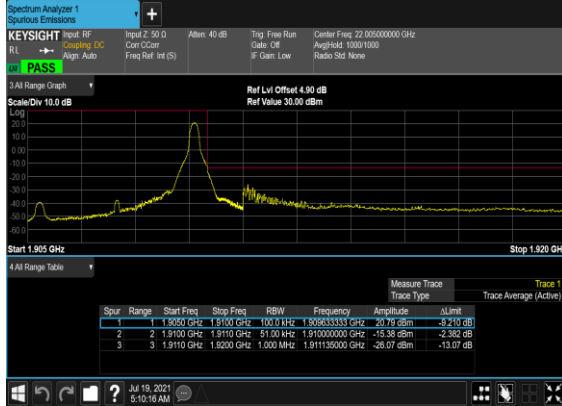
B5_N2(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



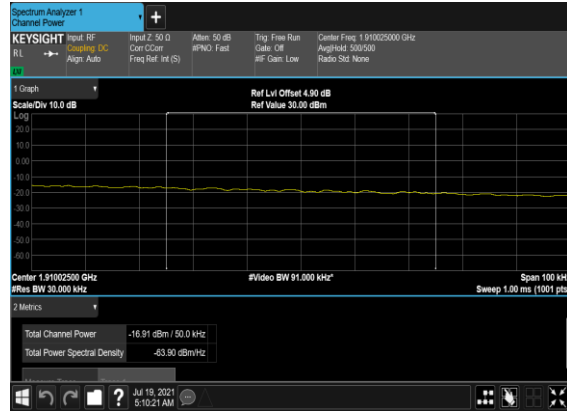
B5_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



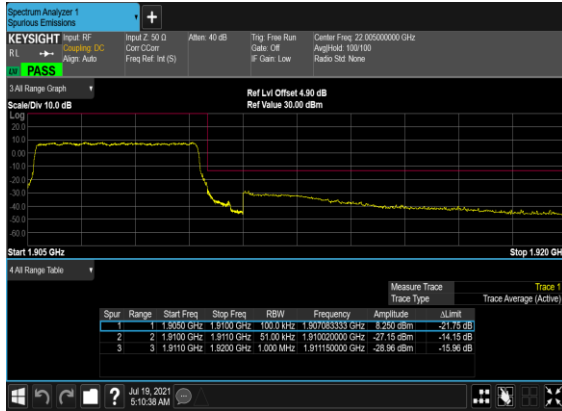
B5_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



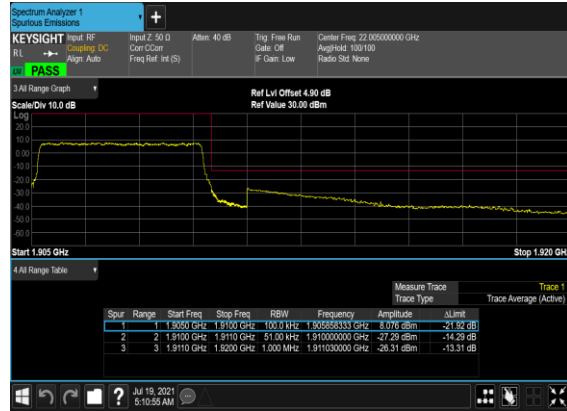
B5_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_ch P_PASS



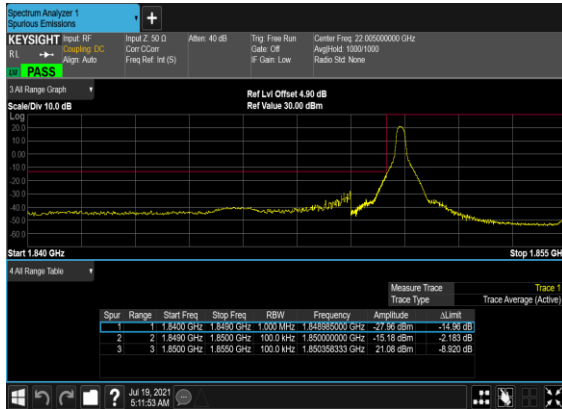
B5_N2(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B5_N2(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



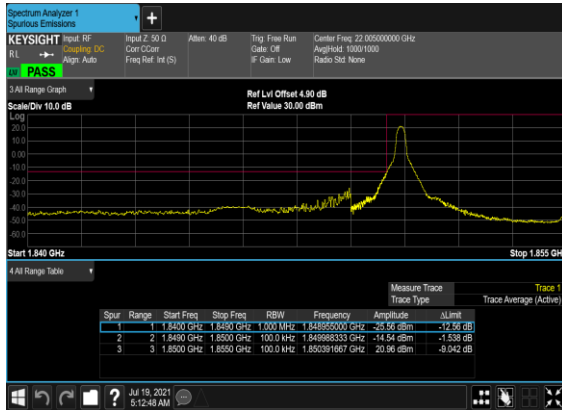
B5_N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_ch P_PASS



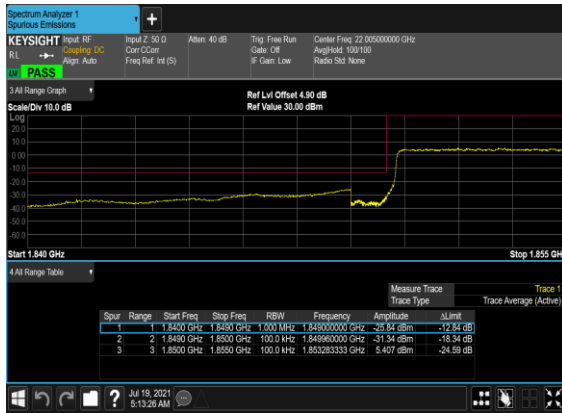
B5_N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



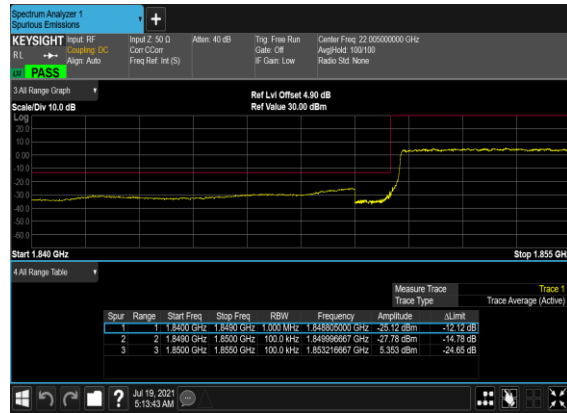
B5_N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



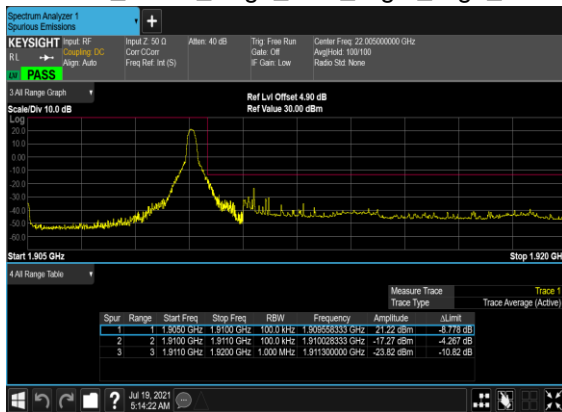
B5_N2(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



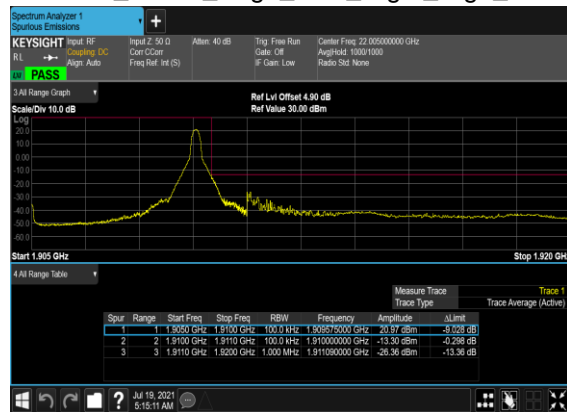
B5_N2(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B5_N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

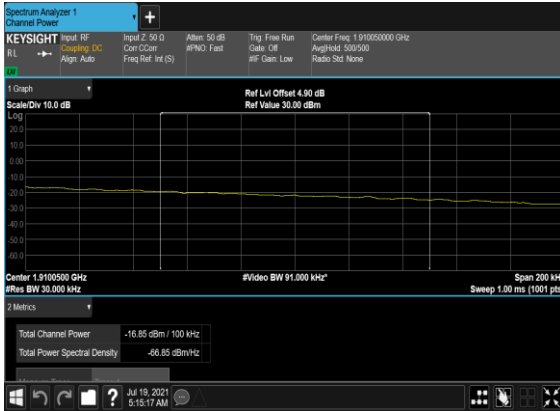


B5_N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

P_PASS



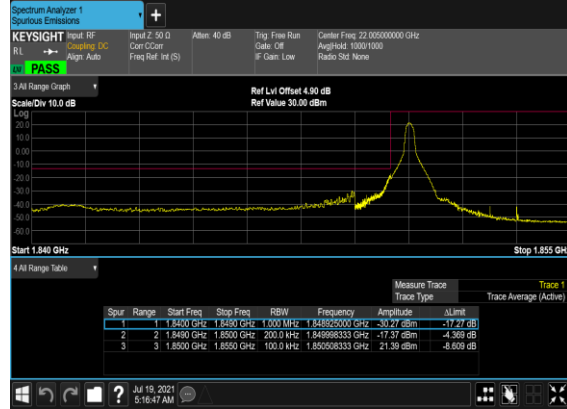
B5_N2(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



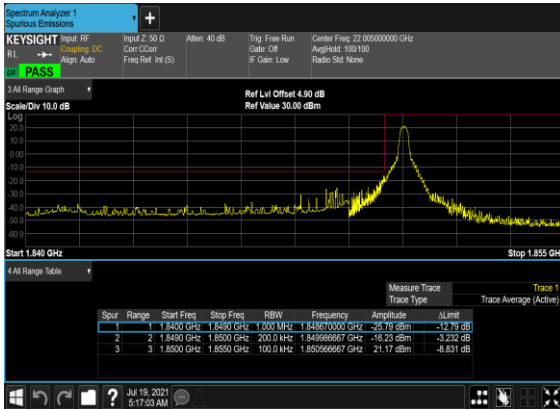
B5_N2(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



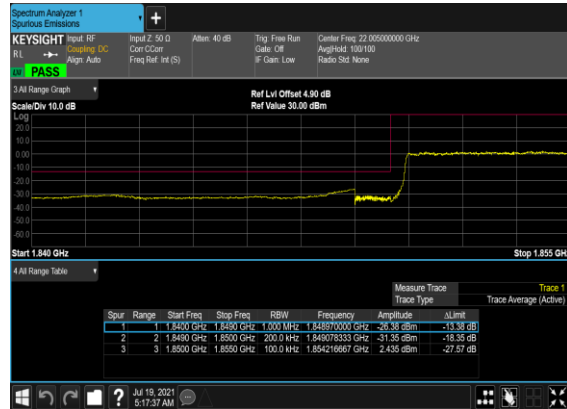
B5_N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



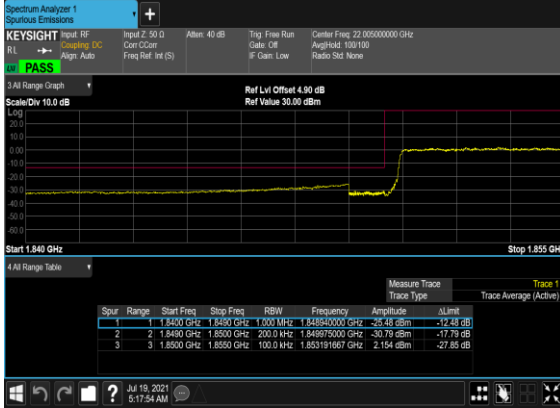
B5_N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



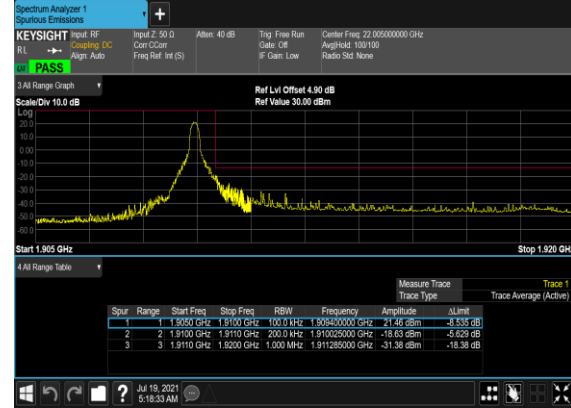
B5_N2(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



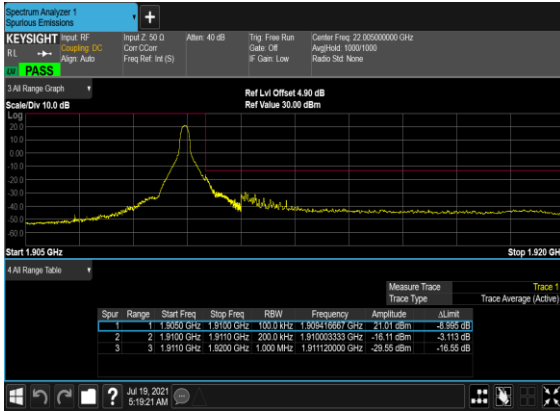
B5_N2(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



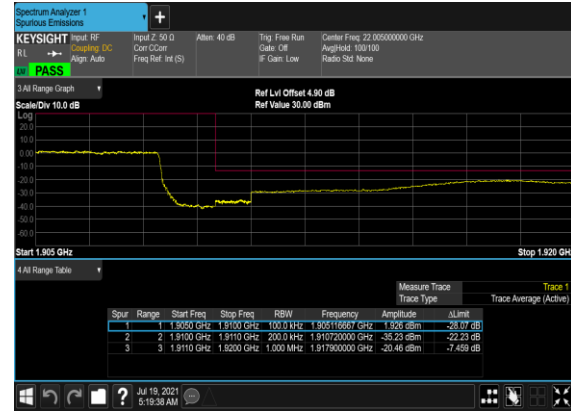
B5_N2(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



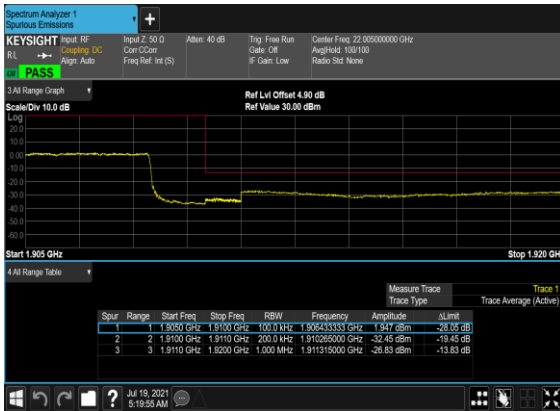
B5_N2(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N2(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B5_N2(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N5

<Ant. 0>

Transmitter Conducted Output Power And ERP, (GT - LC)=1.9dBi

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Conducted Power(dBm) | ERP(dBm) | ERP(W) |
|---------|-----------|-----------------|--------|------------|----------------------|------|----------------------|----------|--------|
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM PI/2 BPSK | 12@6 | 24.53 | 24.28 | 0.2679 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.66 | 24.41 | 0.2761 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM PI/2 BPSK | 1@23 | 24.38 | 24.13 | 0.2588 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM QPSK | 12@6 | 24.46 | 24.21 | 0.2636 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM QPSK | 1@1 | 24.71 | 24.46 | 0.2793 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM QPSK | 1@23 | 24.49 | 24.24 | 0.2655 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 16 QAM | 12@6 | 23.69 | 23.44 | 0.2208 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 16 QAM | 1@1 | 23.76 | 23.51 | 0.2244 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 16 QAM | 1@23 | 23.34 | 23.09 | 0.2037 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 64 QAM | 12@6 | 22.13 | 21.88 | 0.1542 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 64 QAM | 1@1 | 22.48 | 22.23 | 0.1671 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 64 QAM | 1@23 | 22.22 | 21.97 | 0.1574 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 256 QAM | 12@6 | 19.68 | 19.43 | 0.0877 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.55 | 19.3 | 0.0851 |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM 256 QAM | 1@23 | 19.47 | 19.22 | 0.0836 |
| 5 | 15 | 5 | 174300 | 826.5 | CP-OFDM QPSK | 13@6 | 23.17 | 22.92 | 0.1959 |
| 5 | 15 | 5 | 174300 | 826.5 | CP-OFDM QPSK | 1@1 | 23.61 | 23.36 | 0.2168 |
| 5 | 15 | 5 | 174300 | 826.5 | CP-OFDM QPSK | 1@23 | 23.11 | 22.86 | 0.1932 |
| 5 | 15 | 5 | 176300 | 826.5 | DFT-s-OFDM PI/2 BPSK | 12@6 | 24.35 | 24.1 | 0.2570 |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM PI/2 | 1@1 | 24.42 | 24.17 | 0.2612 |

| | | | | | | | | | | |
|---|----|---|--------|-------|----------------------|------|-------|-------|--------|--|
| | | | | | BPSK | | | | | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@23 | 24.45 | 24.2 | 0.2630 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM QPSK | 12@6 | 24.4 | 24.15 | 0.2600 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@1 | 24.45 | 24.2 | 0.2630 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@23 | 24.4 | 24.15 | 0.2600 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 12@6 | 23.64 | 23.39 | 0.2183 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 1@1 | 23.38 | 23.13 | 0.2056 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 1@23 | 23.36 | 23.11 | 0.2046 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 12@6 | 22.14 | 21.89 | 0.1545 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 1@1 | 22.21 | 21.96 | 0.1570 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 1@23 | 22.14 | 21.89 | 0.1545 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 12@6 | 20.05 | 19.8 | 0.0955 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.5 | 19.25 | 0.0841 | |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 1@23 | 19.41 | 19.16 | 0.0824 | |
| 5 | 15 | 5 | 176300 | 836.5 | CP-OFDM QPSK | 13@6 | 23.09 | 22.84 | 0.1923 | |
| 5 | 15 | 5 | 176300 | 836.5 | CP-OFDM QPSK | 1@1 | 22.93 | 22.68 | 0.1854 | |
| 5 | 15 | 5 | 176300 | 836.5 | CP-OFDM QPSK | 1@23 | 23.04 | 22.79 | 0.1901 | |
| 5 | 15 | 5 | 178300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 12@6 | 24.21 | 23.96 | 0.2489 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.31 | 24.06 | 0.2547 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM PI/2 BPSK | 1@23 | 24.03 | 23.78 | 0.2388 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM QPSK | 12@6 | 24.04 | 23.79 | 0.2393 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM QPSK | 1@1 | 24.29 | 24.04 | 0.2535 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM QPSK | 1@23 | 24.02 | 23.77 | 0.2382 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM 16 QAM | 12@6 | 23.28 | 23.03 | 0.2009 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s- | 1@1 | 23.11 | 22.86 | 0.1932 | |

| | | | | | | | | | | |
|---|----|----|--------|-------|-----------------------------|-------|-------|-------|--------|--|
| | | | | | OFDM 16 QAM | | | | | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s- OFDM 16 QAM | 1@23 | 22.94 | 22.69 | 0.1858 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s- OFDM 64 QAM | 12@6 | 21.72 | 21.47 | 0.1403 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s- OFDM 64 QAM | 1@1 | 22.01 | 21.76 | 0.1500 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s- OFDM 64 QAM | 1@23 | 21.85 | 21.6 | 0.1445 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s- OFDM 256 QAM | 12@6 | 19.89 | 19.64 | 0.0920 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s- OFDM 256 QAM | 1@1 | 19.04 | 18.79 | 0.0757 | |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s- OFDM 256 QAM | 1@23 | 19.04 | 18.79 | 0.0757 | |
| 5 | 15 | 5 | 178300 | 846.5 | CP-OFDM QPSK | 13@6 | 22.75 | 22.5 | 0.1778 | |
| 5 | 15 | 5 | 178300 | 846.5 | CP-OFDM QPSK | 1@1 | 22.73 | 22.48 | 0.1770 | |
| 5 | 15 | 5 | 178300 | 846.5 | CP-OFDM QPSK | 1@23 | 22.56 | 22.31 | 0.1702 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM PI/2 BPSK | 25@12 | 24.53 | 24.28 | 0.2679 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM PI/2 BPSK | 1@1 | 24.54 | 24.29 | 0.2685 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM PI/2 BPSK | 1@50 | 24.48 | 24.23 | 0.2649 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM QPSK | 25@12 | 24.5 | 24.25 | 0.2661 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM QPSK | 1@1 | 24.56 | 24.31 | 0.2698 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM QPSK | 1@50 | 24.36 | 24.11 | 0.2576 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM 16 QAM | 25@12 | 23.62 | 23.37 | 0.2173 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM 16 QAM | 1@1 | 23.54 | 23.29 | 0.2133 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM 16 QAM | 1@50 | 23.36 | 23.11 | 0.2046 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM 64 QAM | 25@12 | 22.07 | 21.82 | 0.1521 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM 64 QAM | 1@1 | 22.3 | 22.05 | 0.1603 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM 64 QAM | 1@50 | 22.2 | 21.95 | 0.1567 | |
| 5 | 15 | 10 | 174800 | 829 | DFT-s- OFDM 256 QAM | 25@12 | 20.04 | 19.79 | 0.0953 | |

| | | | | | | | | | |
|---|----|----|--------|-------|----------------------|-------|-------|-------|--------|
| 5 | 15 | 10 | 174800 | 829 | DFT-s-OFDM 256 QAM | 1@1 | 19.58 | 19.33 | 0.0857 |
| 5 | 15 | 10 | 174800 | 829 | DFT-s-OFDM 256 QAM | 1@50 | 19.78 | 19.53 | 0.0897 |
| 5 | 15 | 10 | 174800 | 829 | CP-OFDM QPSK | 26@13 | 22.95 | 22.7 | 0.1862 |
| 5 | 15 | 10 | 174800 | 829 | CP-OFDM QPSK | 1@1 | 23.1 | 22.85 | 0.1928 |
| 5 | 15 | 10 | 174800 | 829 | CP-OFDM QPSK | 1@50 | 22.99 | 22.74 | 0.1879 |
| 5 | 15 | 10 | 176300 | 829 | DFT-s-OFDM PI/2 BPSK | 25@12 | 24.36 | 24.11 | 0.2576 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.32 | 24.07 | 0.2553 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@50 | 24.36 | 24.11 | 0.2576 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM QPSK | 25@12 | 24.48 | 24.23 | 0.2649 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@1 | 24.37 | 24.12 | 0.2582 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@50 | 24.36 | 24.11 | 0.2576 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 25@12 | 23.57 | 23.32 | 0.2148 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 1@1 | 23.22 | 22.97 | 0.1982 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 1@50 | 23.31 | 23.06 | 0.2023 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 25@12 | 22.27 | 22.02 | 0.1592 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 1@1 | 22.13 | 21.88 | 0.1542 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 1@50 | 21.92 | 21.67 | 0.1469 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 25@12 | 19.98 | 19.73 | 0.0940 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.31 | 19.06 | 0.0805 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 1@50 | 19.45 | 19.2 | 0.0832 |
| 5 | 15 | 10 | 176300 | 836.5 | CP-OFDM QPSK | 26@13 | 22.89 | 22.64 | 0.1837 |
| 5 | 15 | 10 | 176300 | 836.5 | CP-OFDM QPSK | 1@1 | 23.01 | 22.76 | 0.1888 |
| 5 | 15 | 10 | 176300 | 836.5 | CP-OFDM QPSK | 1@50 | 22.82 | 22.57 | 0.1807 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s-OFDM PI/2 BPSK | 25@12 | 24.28 | 24.03 | 0.2529 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.32 | 24.07 | 0.2553 |

| | | | | | | | | | |
|---|----|----|--------|-------|-----------------------------|-------|-------|-------|--------|
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM PI/2 BPSK | 1@50 | 24.11 | 23.86 | 0.2432 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM QPSK | 25@12 | 24.56 | 24.31 | 0.2698 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM QPSK | 1@1 | 24.33 | 24.08 | 0.2559 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM QPSK | 1@50 | 24.16 | 23.91 | 0.2460 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 16 QAM | 25@12 | 23.38 | 23.13 | 0.2056 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 16 QAM | 1@1 | 23.25 | 23 | 0.1995 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 16 QAM | 1@50 | 22.88 | 22.63 | 0.1832 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 64 QAM | 25@12 | 21.8 | 21.55 | 0.1429 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 64 QAM | 1@1 | 22.09 | 21.84 | 0.1528 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 64 QAM | 1@50 | 21.58 | 21.33 | 0.1358 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 256 QAM | 25@12 | 19.61 | 19.36 | 0.0863 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 256 QAM | 1@1 | 19.58 | 19.33 | 0.0857 |
| 5 | 15 | 10 | 177800 | 844 | DFT-s- OFDM 256 QAM | 1@50 | 19.1 | 18.85 | 0.0767 |
| 5 | 15 | 10 | 177800 | 844 | CP-OFDM QPSK | 26@13 | 22.7 | 22.45 | 0.1758 |
| 5 | 15 | 10 | 177800 | 844 | CP-OFDM QPSK | 1@1 | 22.84 | 22.59 | 0.1816 |
| 5 | 15 | 10 | 177800 | 844 | CP-OFDM QPSK | 1@50 | 22.63 | 22.38 | 0.1730 |
| 5 | 15 | 15 | 175300 | 844 | DFT-s- OFDM PI/2 BPSK | 36@18 | 24.36 | 24.11 | 0.2576 |
| 5 | 15 | 15 | 175300 | 844 | DFT-s- OFDM PI/2 BPSK | 1@1 | 24.53 | 24.28 | 0.2679 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s- OFDM PI/2 BPSK | 1@77 | 24.58 | 24.33 | 0.2710 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s- OFDM QPSK | 36@18 | 24.64 | 24.39 | 0.2748 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s- OFDM QPSK | 1@1 | 24.72 | 24.47 | 0.2799 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s- OFDM QPSK | 1@77 | 24.52 | 24.27 | 0.2673 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s- OFDM 16 QAM | 36@18 | 23.73 | 23.48 | 0.2228 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s- OFDM 16 QAM | 1@1 | 23.59 | 23.34 | 0.2158 |

| | | | | | | | | | |
|---|----|----|--------|-------|----------------------|--------|-------|-------|--------|
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s-OFDM 16 QAM | 1@77 | 23.52 | 23.27 | 0.2123 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s-OFDM 64 QAM | 36@18 | 22.21 | 21.96 | 0.1570 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s-OFDM 64 QAM | 1@1 | 22.43 | 22.18 | 0.1652 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s-OFDM 64 QAM | 1@77 | 22.32 | 22.07 | 0.1611 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s-OFDM 256 QAM | 36@18 | 20.12 | 19.87 | 0.0971 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.81 | 19.56 | 0.0904 |
| 5 | 15 | 15 | 175300 | 831.5 | DFT-s-OFDM 256 QAM | 1@77 | 19.73 | 19.48 | 0.0887 |
| 5 | 15 | 15 | 175300 | 831.5 | CP-OFDM QPSK | 39@191 | 23.11 | 22.86 | 0.1932 |
| 5 | 15 | 15 | 175300 | 831.5 | CP-OFDM QPSK | 1@1 | 23.22 | 22.97 | 0.1982 |
| 5 | 15 | 15 | 175300 | 831.5 | CP-OFDM QPSK | 1@77 | 22.98 | 22.73 | 0.1875 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 36@18 | 24.48 | 24.23 | 0.2649 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.53 | 24.28 | 0.2679 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@77 | 24.33 | 24.08 | 0.2559 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM QPSK | 36@18 | 24.59 | 24.34 | 0.2716 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@1 | 24.53 | 24.28 | 0.2679 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@77 | 24.23 | 23.98 | 0.2500 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 36@18 | 23.66 | 23.41 | 0.2193 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 1@1 | 23.32 | 23.07 | 0.2028 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 1@77 | 23.31 | 23.06 | 0.2023 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 36@18 | 22.12 | 21.87 | 0.1538 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 1@1 | 22.12 | 21.87 | 0.1538 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 1@77 | 22.13 | 21.88 | 0.1542 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 36@18 | 19.96 | 19.71 | 0.0935 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.62 | 19.37 | 0.0865 |

| | | | | | | | | | |
|---|----|----|--------|-------|----------------------|--------|-------|-------|--------|
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 1@77 | 19.26 | 19.01 | 0.0796 |
| 5 | 15 | 15 | 176300 | 836.5 | CP-OFDM QPSK | 39@191 | 21.52 | 21.27 | 0.1340 |
| 5 | 15 | 15 | 176300 | 836.5 | CP-OFDM QPSK | 1@1 | 23.18 | 22.93 | 0.1963 |
| 5 | 15 | 15 | 176300 | 836.5 | CP-OFDM QPSK | 1@77 | 22.78 | 22.53 | 0.1791 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM PI/2 BPSK | 36@18 | 24.43 | 24.18 | 0.2618 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.49 | 24.24 | 0.2655 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM PI/2 BPSK | 1@77 | 24.19 | 23.94 | 0.2477 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM QPSK | 36@18 | 24.35 | 24.1 | 0.2570 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM QPSK | 1@1 | 24.46 | 24.21 | 0.2636 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM QPSK | 1@77 | 24.22 | 23.97 | 0.2495 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 16 QAM | 36@18 | 23.36 | 23.11 | 0.2046 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 16 QAM | 1@1 | 23.39 | 23.14 | 0.2061 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 16 QAM | 1@77 | 23.1 | 22.85 | 0.1928 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 64 QAM | 36@18 | 21.98 | 21.73 | 0.1489 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.97 | 21.72 | 0.1486 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 64 QAM | 1@77 | 21.91 | 21.66 | 0.1466 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 256 QAM | 36@18 | 19.96 | 19.71 | 0.0935 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.43 | 19.18 | 0.0828 |
| 5 | 15 | 15 | 177300 | 841.5 | DFT-s-OFDM 256 QAM | 1@77 | 19.14 | 18.89 | 0.0774 |
| 5 | 15 | 15 | 177300 | 841.5 | CP-OFDM QPSK | 39@191 | 21.46 | 21.21 | 0.1321 |
| 5 | 15 | 15 | 177300 | 841.5 | CP-OFDM QPSK | 1@1 | 23.1 | 22.85 | 0.1928 |
| 5 | 15 | 15 | 177300 | 841.5 | CP-OFDM QPSK | 1@77 | 22.66 | 22.41 | 0.1742 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM PI/2 BPSK | 50@25 | 24.59 | 24.34 | 0.2716 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.64 | 24.39 | 0.2748 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM PI/2 BPSK | 1@104 | 24.35 | 24.1 | 0.2570 |

| | | | | | | | | | |
|---|----|----|--------|-------|----------------------|-------|-------|-------|--------|
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM QPSK | 50@25 | 24.56 | 24.31 | 0.2698 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM QPSK | 1@1 | 24.68 | 24.43 | 0.2773 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM QPSK | 1@104 | 24.41 | 24.16 | 0.2606 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 16 QAM | 50@25 | 23.64 | 23.39 | 0.2183 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 16 QAM | 1@1 | 23.6 | 23.35 | 0.2163 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 16 QAM | 1@104 | 23.39 | 23.14 | 0.2061 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 64 QAM | 50@25 | 22.16 | 21.91 | 0.1552 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 64 QAM | 1@1 | 22.37 | 22.12 | 0.1629 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 64 QAM | 1@104 | 22.08 | 21.83 | 0.1524 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 256 QAM | 50@25 | 20.05 | 19.8 | 0.0955 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 256 QAM | 1@1 | 19.49 | 19.24 | 0.0839 |
| 5 | 15 | 20 | 175800 | 834 | DFT-s-OFDM 256 QAM | 1@104 | 18.94 | 18.69 | 0.0740 |
| 5 | 15 | 20 | 175800 | 834 | CP-OFDM QPSK | 53@26 | 23.04 | 22.79 | 0.1901 |
| 5 | 15 | 20 | 175800 | 834 | CP-OFDM QPSK | 1@1 | 23.28 | 23.03 | 0.2009 |
| 5 | 15 | 20 | 175800 | 834 | CP-OFDM QPSK | 1@104 | 22.89 | 22.64 | 0.1837 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 50@25 | 24.57 | 24.32 | 0.2704 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.6 | 24.35 | 0.2723 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@104 | 24.21 | 23.96 | 0.2489 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 50@25 | 24.53 | 24.28 | 0.2679 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@1 | 24.75 | 24.5 | 0.2818 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@104 | 24.4 | 24.15 | 0.2600 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 50@25 | 23.61 | 23.36 | 0.2168 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 1@1 | 23.46 | 23.21 | 0.2094 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 16 QAM | 1@104 | 23.2 | 22.95 | 0.1972 |

| | | | | | | | | | |
|---|----|----|--------|-------|----------------------|-------|-------|-------|--------|
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 50@25 | 22.09 | 21.84 | 0.1528 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 1@1 | 22.38 | 22.13 | 0.1633 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 64 QAM | 1@104 | 22.02 | 21.77 | 0.1503 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 50@25 | 20 | 19.75 | 0.0944 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.6 | 19.35 | 0.0861 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM 256 QAM | 1@104 | 18.88 | 18.63 | 0.0729 |
| 5 | 15 | 20 | 176300 | 836.5 | CP-OFDM QPSK | 53@26 | 22.98 | 22.73 | 0.1875 |
| 5 | 15 | 20 | 176300 | 836.5 | CP-OFDM QPSK | 1@1 | 23.21 | 22.96 | 0.1977 |
| 5 | 15 | 20 | 176300 | 836.5 | CP-OFDM QPSK | 1@104 | 22.78 | 22.53 | 0.1791 |
| 5 | 15 | 20 | 176800 | 836.5 | DFT-s-OFDM PI/2 BPSK | 50@25 | 24.53 | 24.28 | 0.2679 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM PI/2 BPSK | 1@1 | 24.52 | 24.27 | 0.2673 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM PI/2 BPSK | 1@104 | 24.24 | 23.99 | 0.2506 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM QPSK | 50@25 | 24.48 | 24.23 | 0.2649 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM QPSK | 1@1 | 24.55 | 24.3 | 0.2692 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM QPSK | 1@104 | 24.25 | 24 | 0.2512 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 16 QAM | 50@25 | 23.52 | 23.27 | 0.2123 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 16 QAM | 1@1 | 23.32 | 23.07 | 0.2028 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 16 QAM | 1@104 | 23.08 | 22.83 | 0.1919 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 64 QAM | 50@25 | 21.85 | 21.6 | 0.1445 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 64 QAM | 1@1 | 22.29 | 22.04 | 0.1600 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 64 QAM | 1@104 | 21.94 | 21.69 | 0.1476 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 256 QAM | 50@25 | 19.96 | 19.71 | 0.0935 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 256 QAM | 1@1 | 19.49 | 19.24 | 0.0839 |
| 5 | 15 | 20 | 176800 | 839 | DFT-s-OFDM 256 QAM | 1@104 | 19.55 | 19.3 | 0.0851 |

| | | | | | | | | | |
|---|----|----|--------|-----|-----------------|-------|-------|-------|--------|
| 5 | 15 | 20 | 176800 | 839 | CP-OFDM QPSK | 53@26 | 22.96 | 22.71 | 0.1866 |
| 5 | 15 | 20 | 176800 | 839 | CP-OFDM QPSK | 1@1 | 23.13 | 22.88 | 0.1941 |
| 5 | 15 | 20 | 176800 | 839 | CP-OFDM QPSK | 1@104 | 23.05 | 22.8 | 0.1905 |

Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------------|---------|-------------|
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00536 | PASS | NV |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00348 | PASS | LV |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00768 | PASS | HV |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00261 | PASS | -30°C |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00644 | PASS | -20°C |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.0025 | PASS | -10°C |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00701 | PASS | 0°C |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00377 | PASS | 10°C |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00277 | PASS | 20°C |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00978 | PASS | 30°C |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00728 | PASS | 40°C |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | -0.00246 | PASS | 50°C |

Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|-------|-------------|------------|---------|
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 3.53 | 13 | PASS |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 2.97 | 13 | PASS |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM PI/2 BPSK | 1@105 | 2.96 | 13 | PASS |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM QPSK | 100@0 | 4.28 | 13 | PASS |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM QPSK | 1@0 | 3.15 | 13 | PASS |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM QPSK | 1@105 | 3.72 | 13 | PASS |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 100@0 | 3.51 | 13 | PASS |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@0 | 2.92 | 13 | PASS |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 1@105 | 3.21 | 13 | PASS |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | 4.42 | 13 | PASS |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@0 | 3.19 | 13 | PASS |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@105 | 3.25 | 13 | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 3.52 | 13 | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 2.86 | 13 | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM PI/2 BPSK | 1@105 | 3.51 | 13 | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM QPSK | 100@0 | 4.45 | 13 | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM QPSK | 1@0 | 3.12 | 13 | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM QPSK | 1@105 | 3.4 | 13 | PASS |

N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_Low_CH



N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



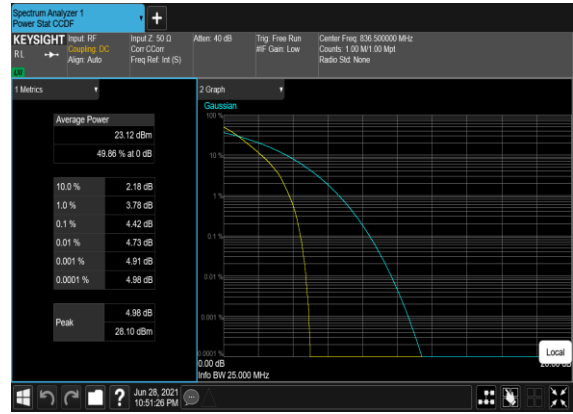
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N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_Mid_CH



N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N5(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_High_CH



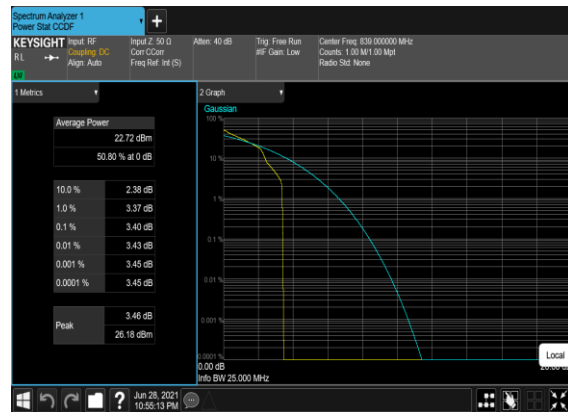
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N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



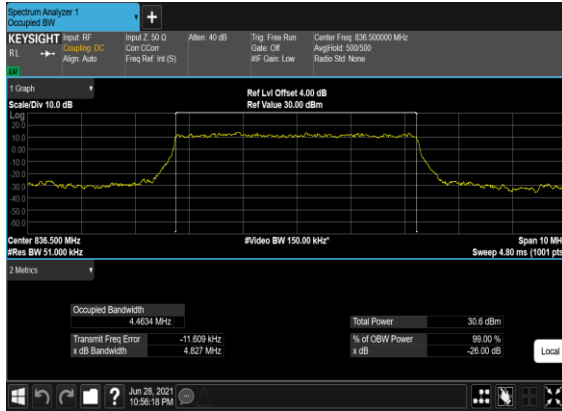
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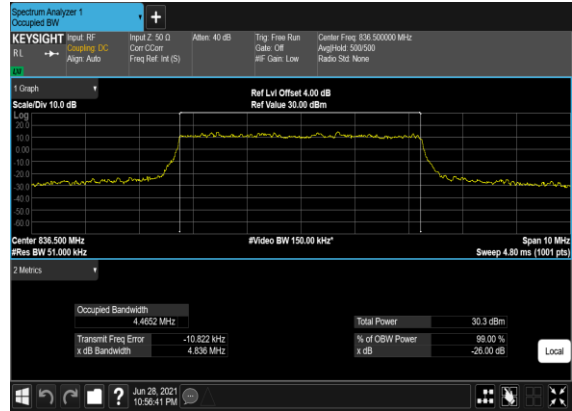
Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | OBW (MHz) | 26dB OBW (MHz) |
|---------|-----------|-----------------|--------|------------|----------------------|-------|-----------|----------------|
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 25@0 | 4.4634 | 4.827 |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM QPSK | 25@0 | 4.4652 | 4.836 |
| 5 | 15 | 5 | 176300 | 836.5 | CP-OFDM QPSK | 25@0 | 4.4678 | 4.944 |
| 5 | 15 | 5 | 176300 | 836.5 | CP-OFDM 16 QAM | 25@0 | 4.4871 | 4.949 |
| 5 | 15 | 5 | 176300 | 836.5 | CP-OFDM 64 QAM | 25@0 | 4.4759 | 4.983 |
| 5 | 15 | 5 | 176300 | 836.5 | CP-OFDM 256 QAM | 25@0 | 4.4638 | 4.91 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 50@0 | 8.8748 | 9.447 |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM QPSK | 50@0 | 8.8996 | 9.526 |
| 5 | 15 | 10 | 176300 | 836.5 | CP-OFDM QPSK | 52@0 | 9.2702 | 9.892 |
| 5 | 15 | 10 | 176300 | 836.5 | CP-OFDM 16 QAM | 52@0 | 9.2615 | 9.873 |
| 5 | 15 | 10 | 176300 | 836.5 | CP-OFDM 64 QAM | 52@0 | 9.2581 | 9.862 |
| 5 | 15 | 10 | 176300 | 836.5 | CP-OFDM 256 QAM | 52@0 | 9.2734 | 9.884 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 75@0 | 13.369 | 14.09 |
| 5 | 15 | 15 | 176300 | 836.5 | DFT-s-OFDM QPSK | 75@0 | 13.379 | 14.1 |
| 5 | 15 | 15 | 176300 | 836.5 | CP-OFDM QPSK | 79@0 | 14.098 | 14.86 |
| 5 | 15 | 15 | 176300 | 836.5 | CP-OFDM 16 QAM | 79@0 | 14.118 | 14.9 |
| 5 | 15 | 15 | 176300 | 836.5 | CP-OFDM 64 QAM | 79@0 | 14.125 | 14.84 |
| 5 | 15 | 15 | 176300 | 836.5 | CP-OFDM 256 QAM | 79@0 | 14.073 | 14.76 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM PI/2 BPSK | 100@0 | 17.836 | 18.71 |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 100@0 | 17.838 | 18.71 |
| 5 | 15 | 20 | 176300 | 836.5 | CP-OFDM QPSK | 106@0 | 18.884 | 19.77 |
| 5 | 15 | 20 | 176300 | 836.5 | CP-OFDM 16 QAM | 106@0 | 18.914 | 19.84 |
| 5 | 15 | 20 | 176300 | 836.5 | CP-OFDM 64 QAM | 106@0 | 18.892 | 19.8 |
| 5 | 15 | 20 | 176300 | 836.5 | CP-OFDM 256 QAM | 106@0 | 18.938 | 19.75 |

N5(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



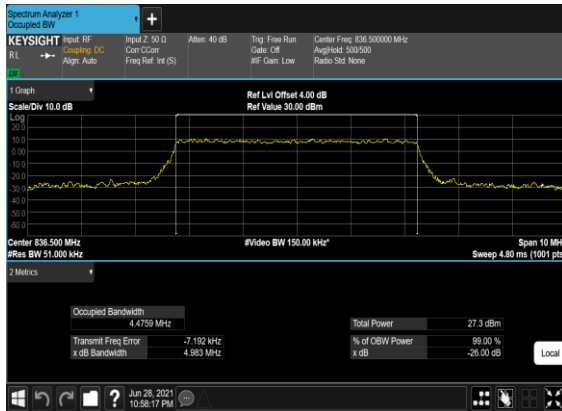
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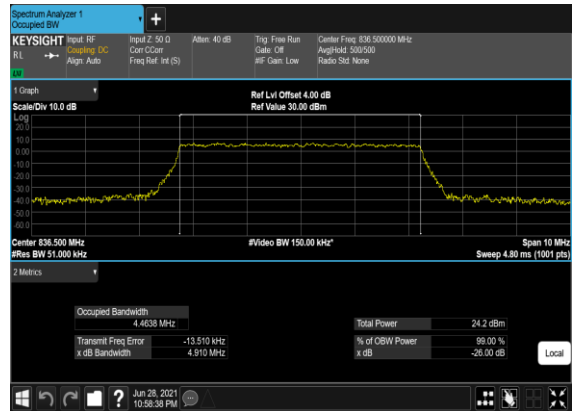
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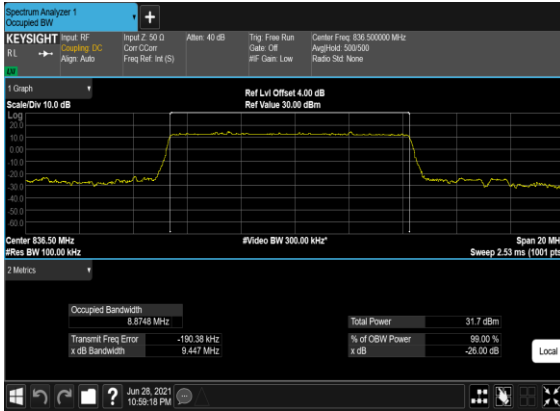
N5(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N5(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N5(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N5(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



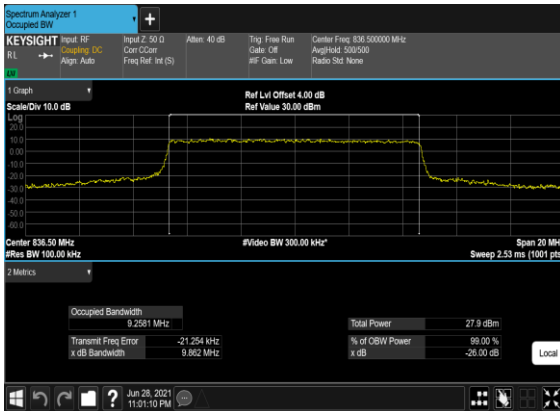
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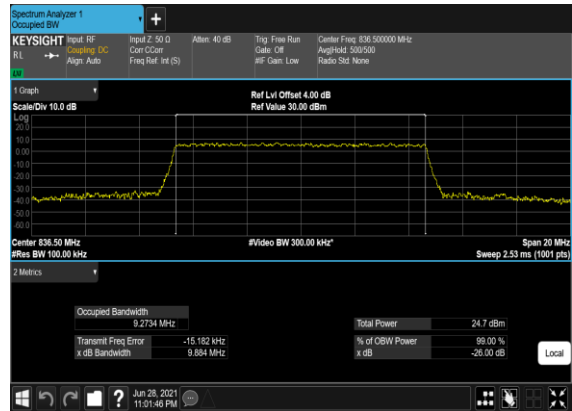
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QAM_Outer_Full_Mid_CH



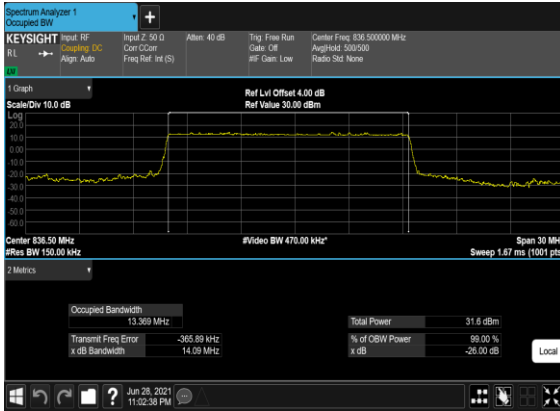
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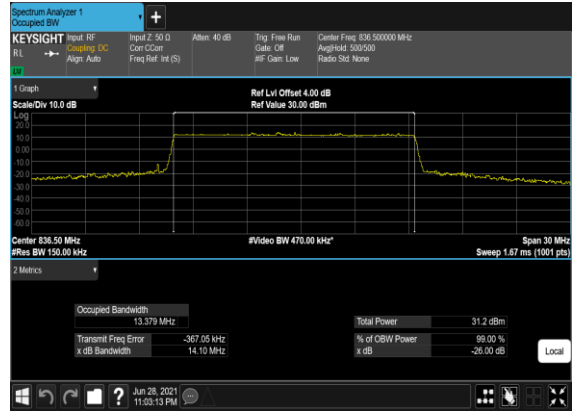
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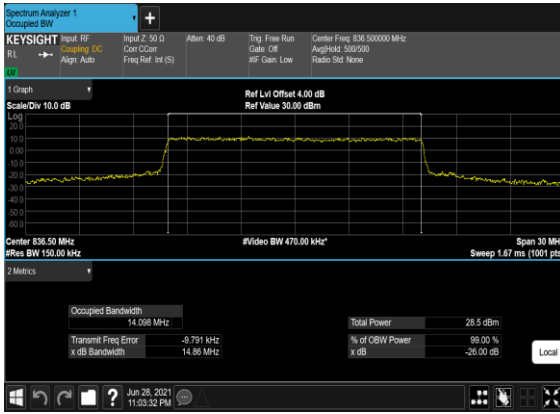
N5(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N5(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



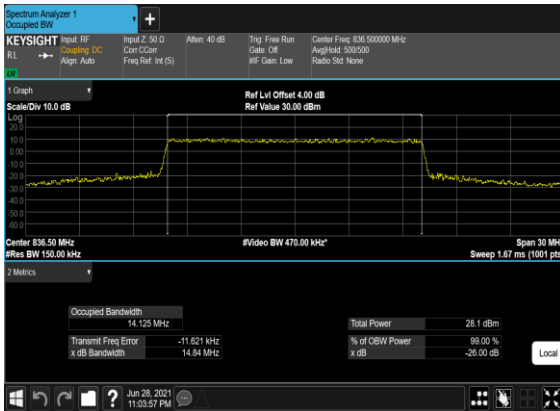
N5(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



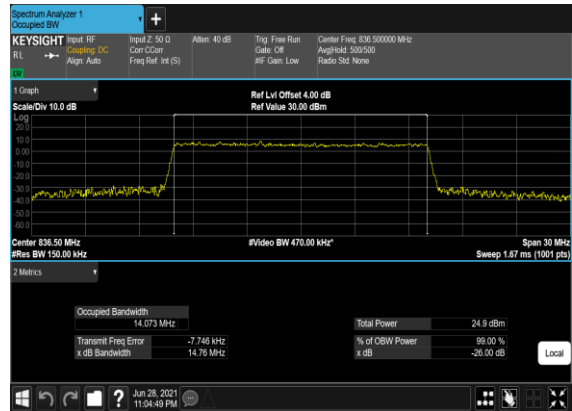
N5(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



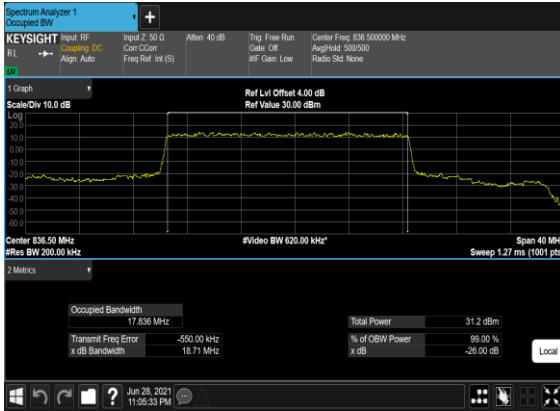
N5(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



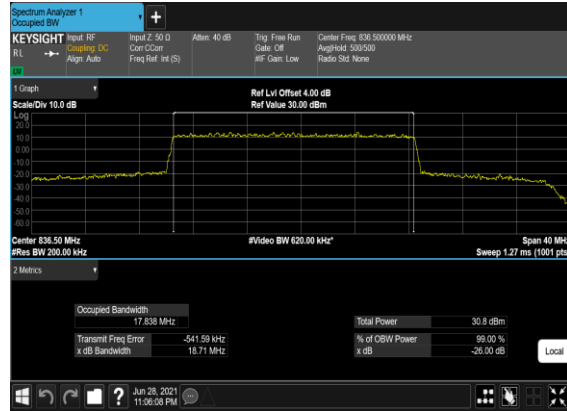
N5(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



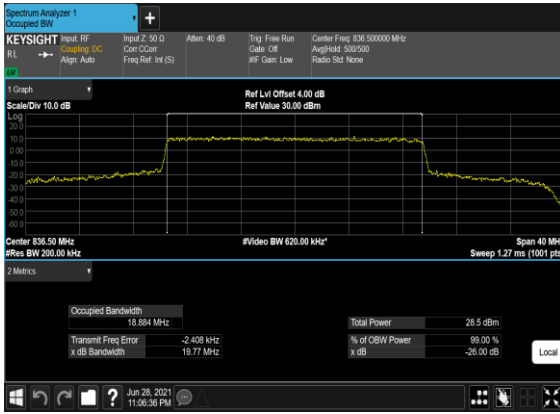
N5(20M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



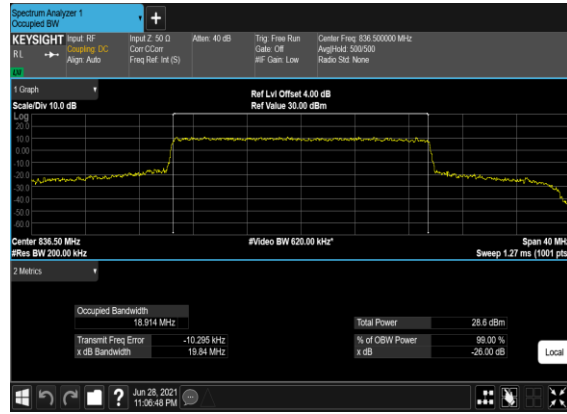
N5(20M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



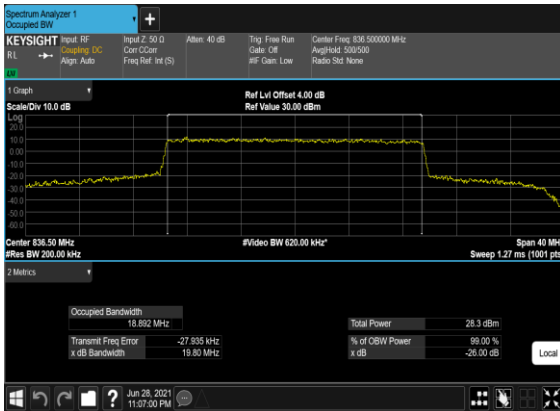
N5(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



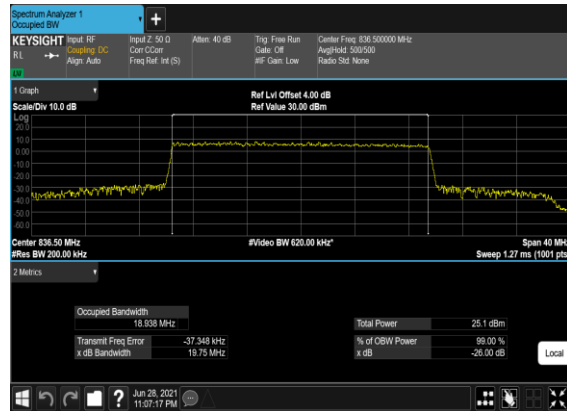
N5(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N5(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N5(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 5 | 174300 | 826.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 5 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 5 | 178300 | 846.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 5 | 15 | 10 | 174800 | 846.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 10 | 174800 | 846.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 5 | 15 | 10 | 174800 | 829.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 10 | 174800 | 829.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 10 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 5 | 15 | 10 | 177800 | 844.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 10 | 177800 | 844.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |

| | | | | | | | | |
|---|----|----|--------|-------|-----------------|-----|-----------|------|
| 5 | 15 | 10 | 177800 | 844.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 10 | 177800 | 844.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 20 | 175800 | 834.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 20 | 176300 | 836.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |