

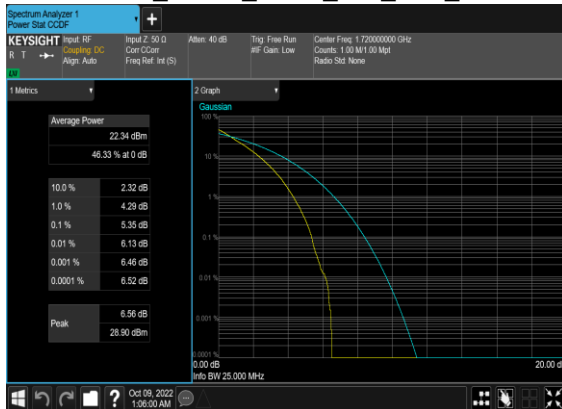
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



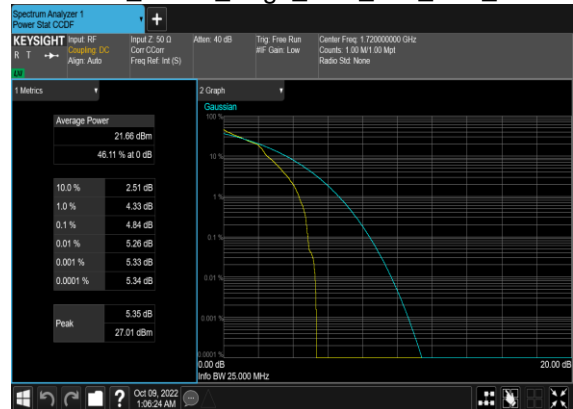
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



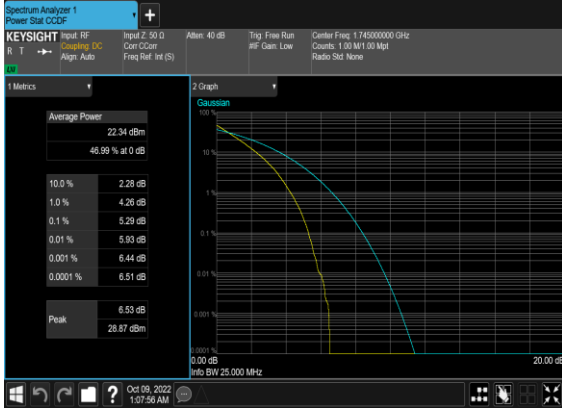
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



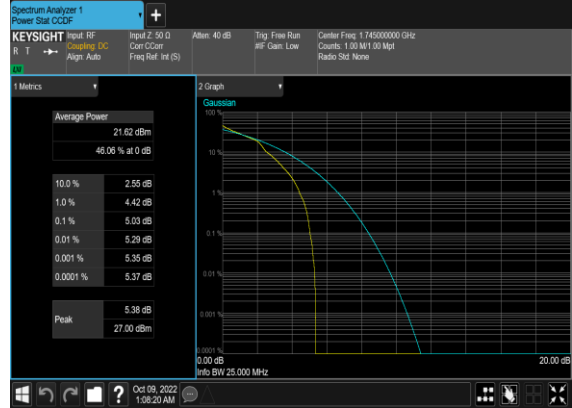
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

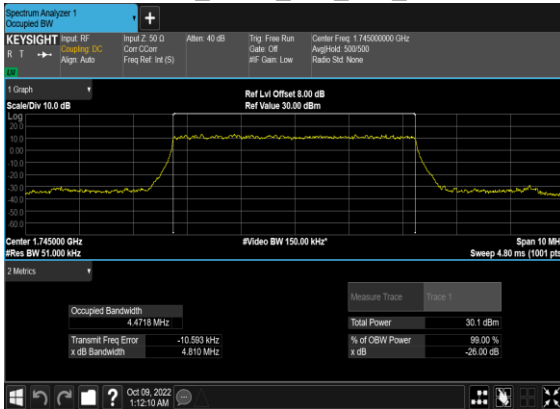


Occupied Bandwidth

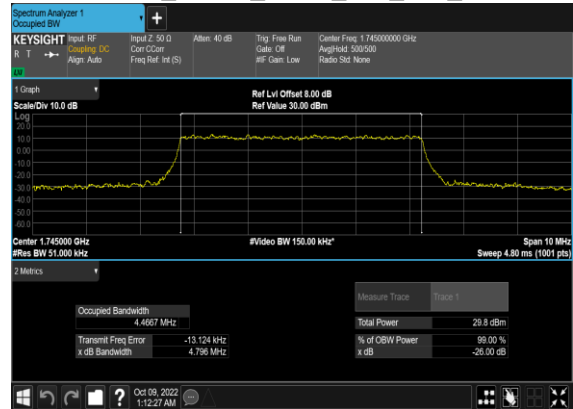
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | OBW (MHz) | 26dB OBW (MHz) |
|---------|-----------|-----------------|--------|------------|----------------------|-------|-----------|----------------|
| 66 | 15 | 5 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 25@0 | 4.4718 | 4.81 |
| 66 | 15 | 5 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 25@0 | 4.4667 | 4.796 |
| 66 | 15 | 5 | 349000 | 1745.0 | CP-OFDM QPSK | 25@0 | 4.4566 | 4.843 |
| 66 | 15 | 5 | 349000 | 1745.0 | CP-OFDM 16 QAM | 25@0 | 4.4607 | 4.839 |
| 66 | 15 | 5 | 349000 | 1745.0 | CP-OFDM 64 QAM | 25@0 | 4.4627 | 4.818 |
| 66 | 15 | 5 | 349000 | 1745.0 | CP-OFDM 256 QAM | 25@0 | 4.4637 | 4.813 |
| 66 | 15 | 10 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 50@0 | 8.9193 | 9.514 |
| 66 | 15 | 10 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 50@0 | 8.8975 | 9.578 |
| 66 | 15 | 10 | 349000 | 1745.0 | CP-OFDM QPSK | 52@0 | 9.2841 | 9.938 |
| 66 | 15 | 10 | 349000 | 1745.0 | CP-OFDM 16 QAM | 52@0 | 9.2778 | 9.863 |
| 66 | 15 | 10 | 349000 | 1745.0 | CP-OFDM 64 QAM | 52@0 | 9.2708 | 9.887 |
| 66 | 15 | 10 | 349000 | 1745.0 | CP-OFDM 256 QAM | 52@0 | 9.2634 | 9.858 |
| 66 | 15 | 15 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 75@0 | 13.369 | 14.17 |
| 66 | 15 | 15 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 75@0 | 13.369 | 14.09 |
| 66 | 15 | 15 | 349000 | 1745.0 | CP-OFDM QPSK | 79@0 | 14.119 | 14.75 |
| 66 | 15 | 15 | 349000 | 1745.0 | CP-OFDM 16 QAM | 79@0 | 14.078 | 14.73 |
| 66 | 15 | 15 | 349000 | 1745.0 | CP-OFDM 64 QAM | 79@0 | 14.063 | 14.75 |
| 66 | 15 | 15 | 349000 | 1745.0 | CP-OFDM 256 QAM | 79@0 | 14.084 | 14.69 |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 17.835 | 18.93 |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 17.836 | 18.83 |
| 66 | 15 | 20 | 349000 | 1745.0 | CP-OFDM QPSK | 106@0 | 18.905 | 19.81 |
| 66 | 15 | 20 | 349000 | 1745.0 | CP-OFDM 16 QAM | 106@0 | 18.86 | 19.76 |
| 66 | 15 | 20 | 349000 | 1745.0 | CP-OFDM 64 QAM | 106@0 | 18.892 | 19.93 |
| 66 | 15 | 20 | 349000 | 1745.0 | CP-OFDM 256 QAM | 106@0 | 18.862 | 19.85 |
| 66 | 15 | 25 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 128@0 | 22.775 | 24.06 |

| | | | | | | | | |
|----|----|----|--------|--------|-------------------------|-------|--------|-------|
| 66 | 15 | 25 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 128@0 | 22.801 | 23.89 |
| 66 | 15 | 25 | 349000 | 1745.0 | CP-OFDM QPSK | 133@0 | 23.669 | 24.8 |
| 66 | 15 | 25 | 349000 | 1745.0 | CP-OFDM 16 QAM | 133@0 | 23.659 | 24.77 |
| 66 | 15 | 25 | 349000 | 1745.0 | CP-OFDM 64 QAM | 133@0 | 23.699 | 24.78 |
| 66 | 15 | 25 | 349000 | 1745.0 | CP-OFDM 256 QAM | 133@0 | 23.659 | 24.71 |
| 66 | 15 | 30 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 160@0 | 28.454 | 29.68 |
| 66 | 15 | 30 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 160@0 | 28.496 | 29.72 |
| 66 | 15 | 30 | 349000 | 1745.0 | CP-OFDM QPSK | 160@0 | 28.472 | 29.58 |
| 66 | 15 | 30 | 349000 | 1745.0 | CP-OFDM 16 QAM | 160@0 | 28.476 | 29.71 |
| 66 | 15 | 30 | 349000 | 1745.0 | CP-OFDM 64 QAM | 160@0 | 28.465 | 29.59 |
| 66 | 15 | 30 | 349000 | 1745.0 | CP-OFDM 256 QAM | 160@0 | 28.508 | 29.59 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 216@0 | 38.389 | 39.95 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 216@0 | 38.43 | 40.13 |
| 66 | 15 | 40 | 349000 | 1745.0 | CP-OFDM QPSK | 216@0 | 38.434 | 39.95 |
| 66 | 15 | 40 | 349000 | 1745.0 | CP-OFDM 16 QAM | 216@0 | 38.404 | 40.15 |
| 66 | 15 | 40 | 349000 | 1745.0 | CP-OFDM 64 QAM | 216@0 | 38.492 | 39.9 |
| 66 | 15 | 40 | 349000 | 1745.0 | CP-OFDM 256 QAM | 216@0 | 38.442 | 40.04 |

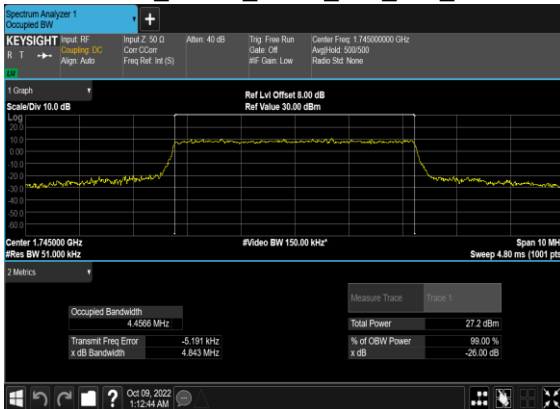
N66(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



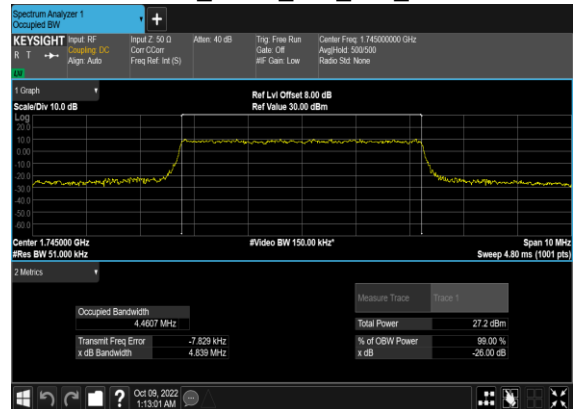
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OFDM_QPSK_Outer_Full_Mid_CH



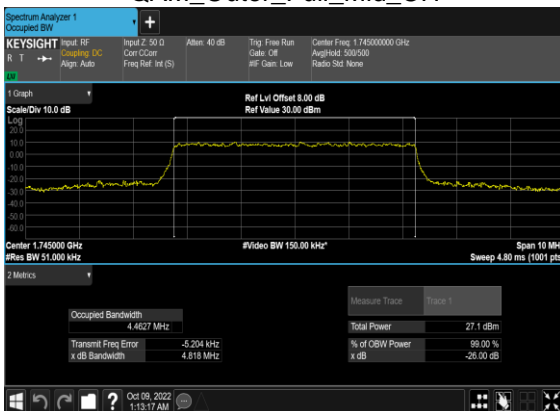
N66(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



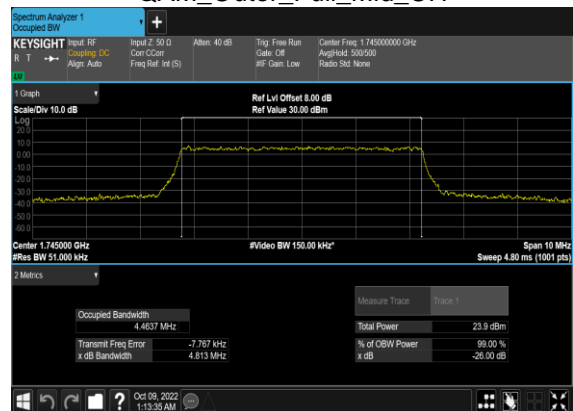
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QAM_Outer_Full_Mid_CH



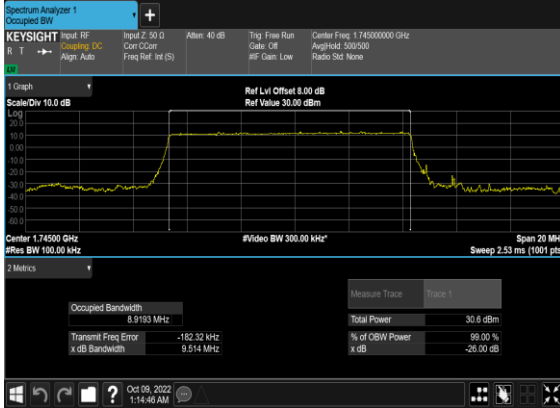
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QAM_Outer_Full_Mid_CH



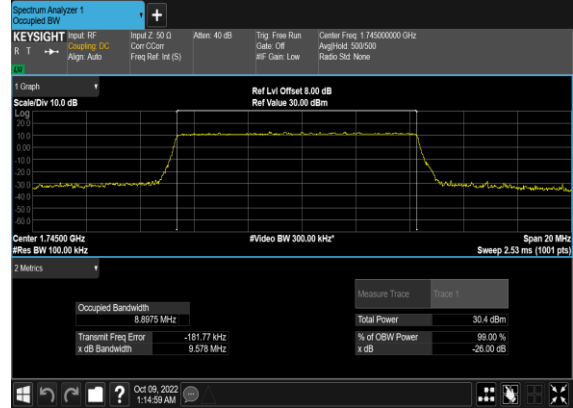
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QAM_Outer_Full_Mid_CH



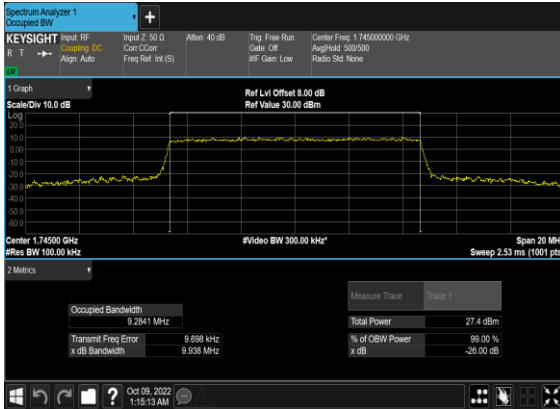
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BPSK_Outer_Full_Mid_CH



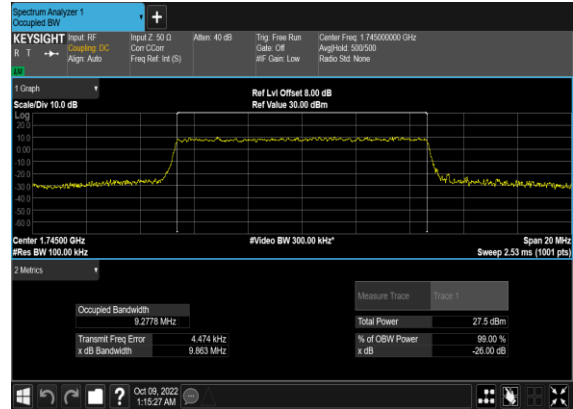
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OFDM_QPSK_Outer_Full_Mid_CH



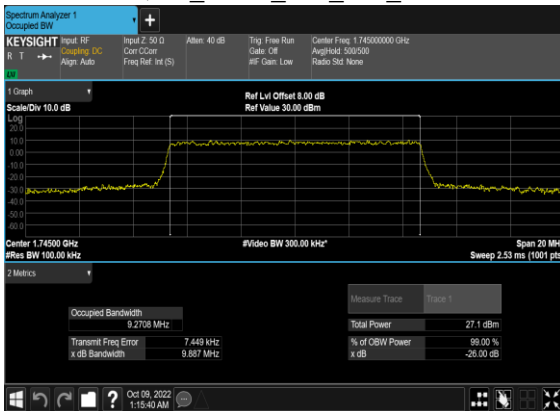
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OFDM_QPSK_Outer_Full_Mid_CH



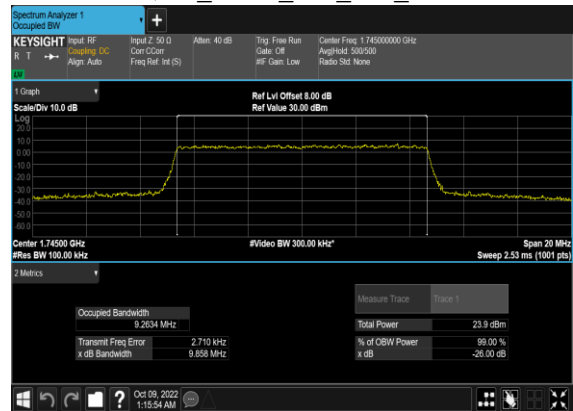
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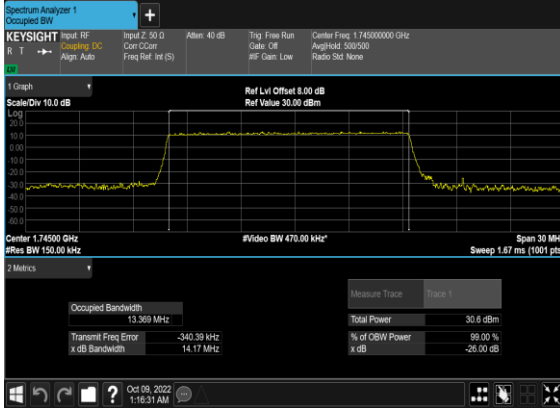
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QAM_Outer_Full_Mid_CH



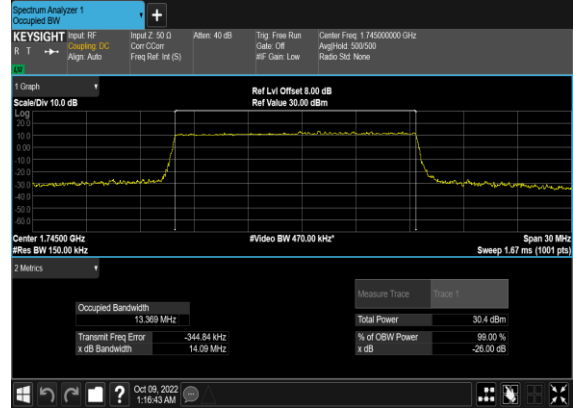
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QAM_Outer_Full_Mid_CH



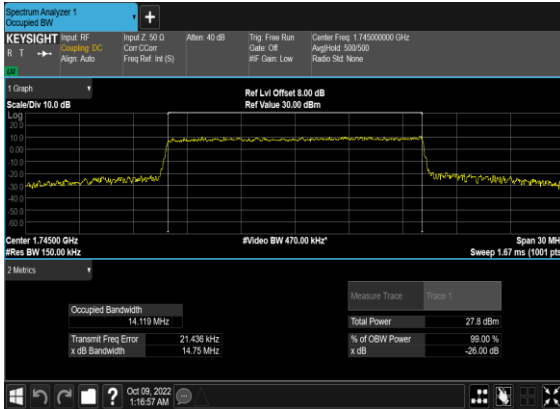
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BPSK_Outer_Full_Mid_CH



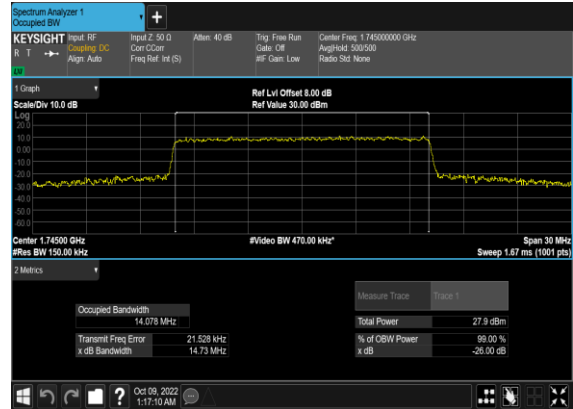
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OFDM_QPSK_Outer_Full_Mid_CH



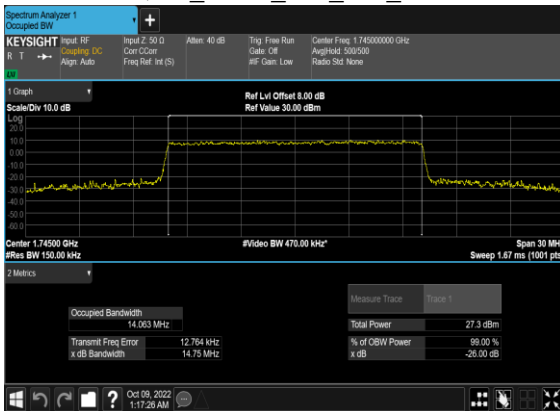
N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



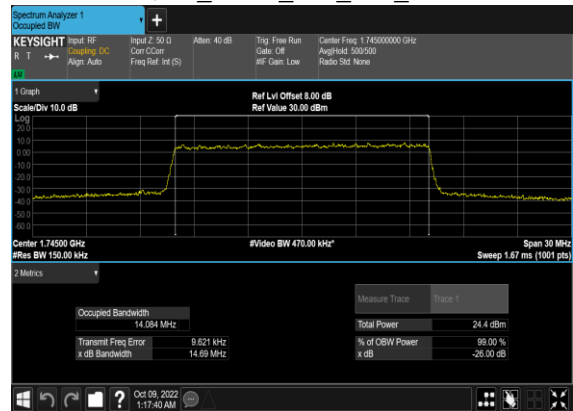
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QAM_Outer_Full_Mid_CH



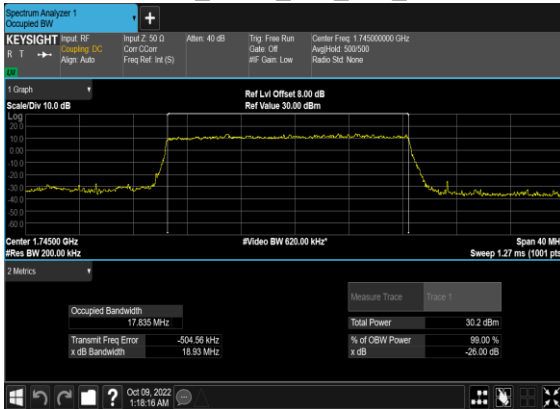
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QAM_Outer_Full_Mid_CH



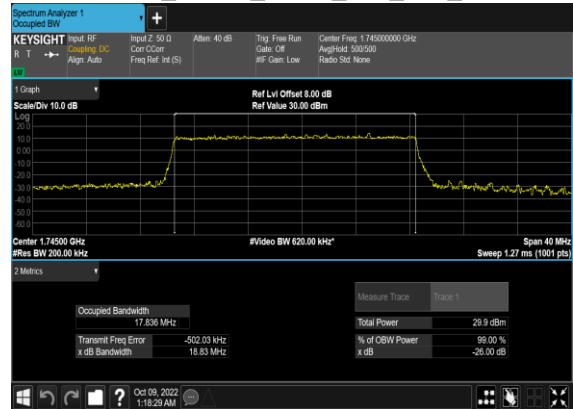
N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



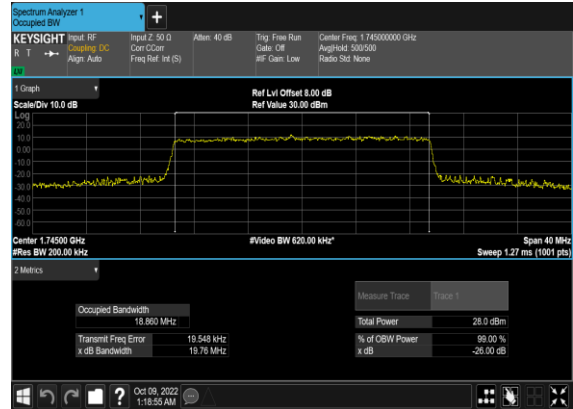
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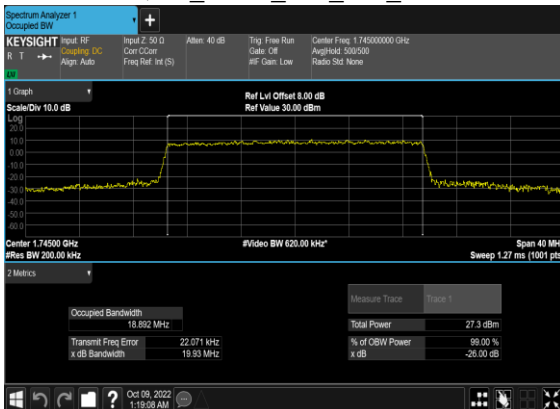
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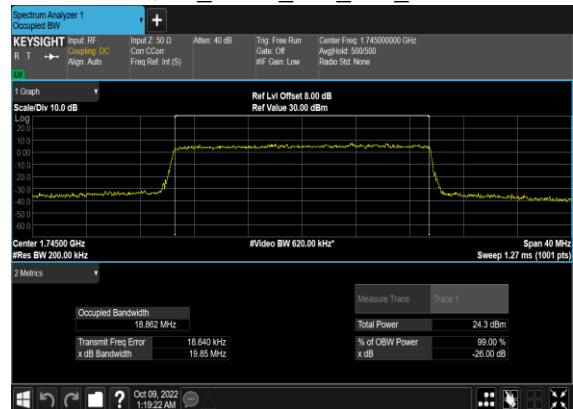
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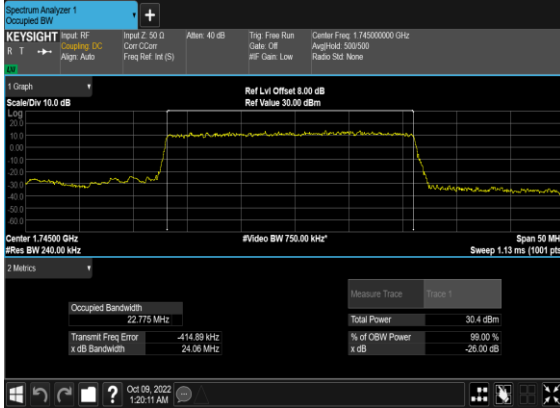
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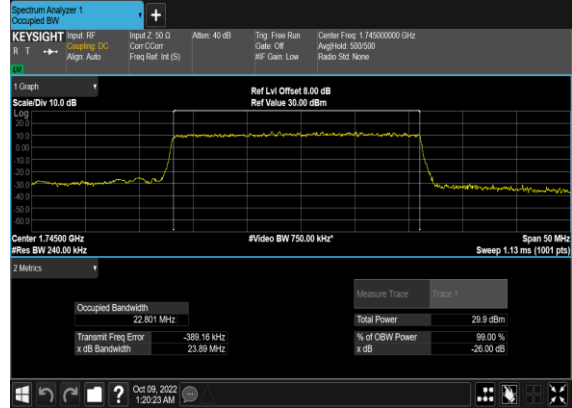
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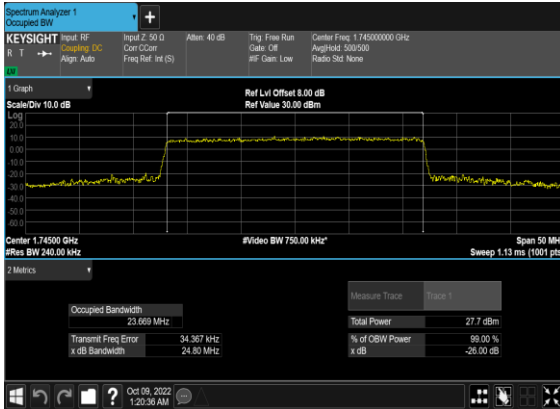
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N66(25M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



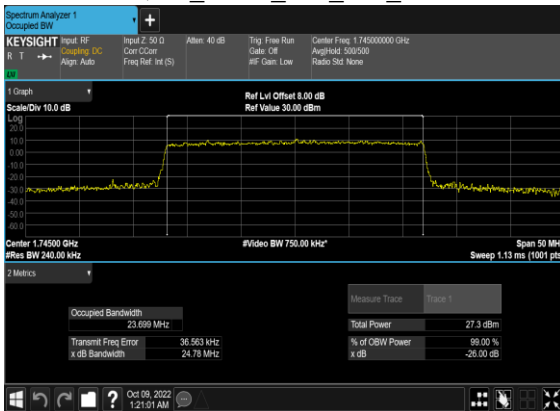
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N66(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



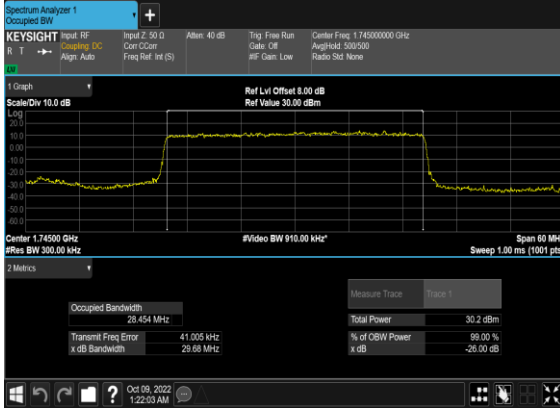
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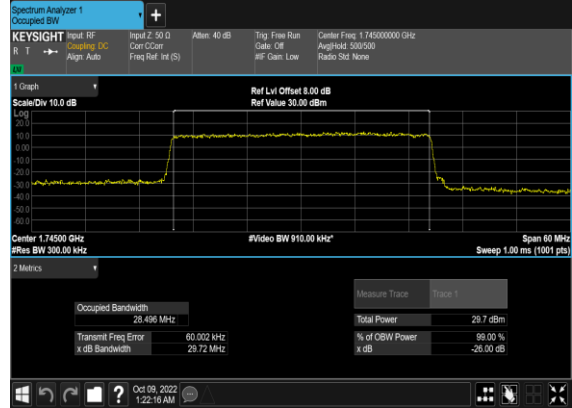
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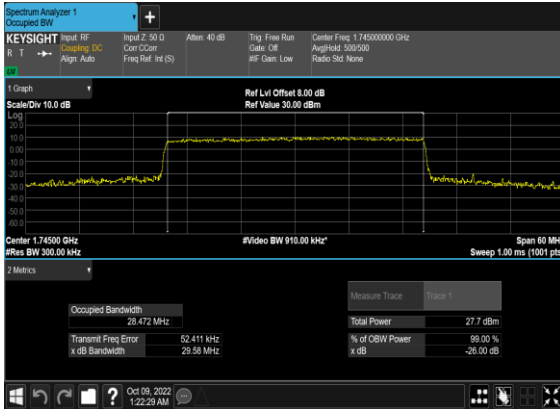
N66(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



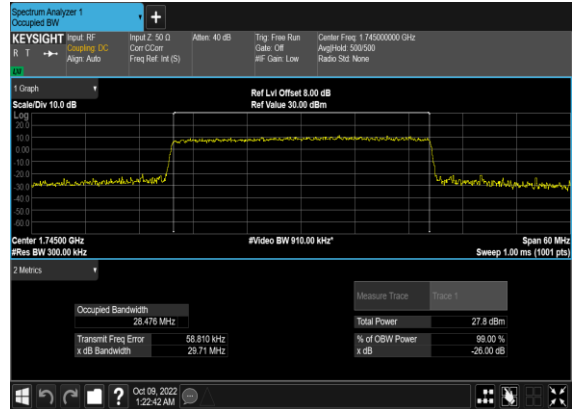
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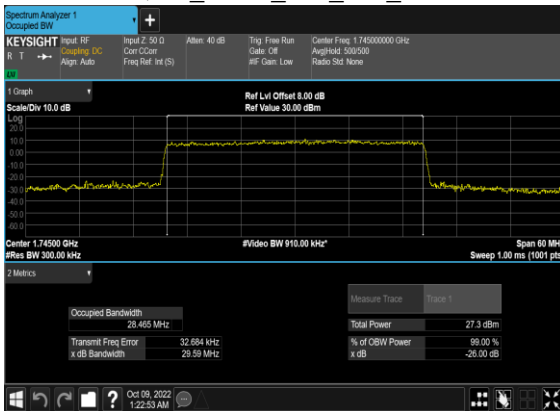
N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



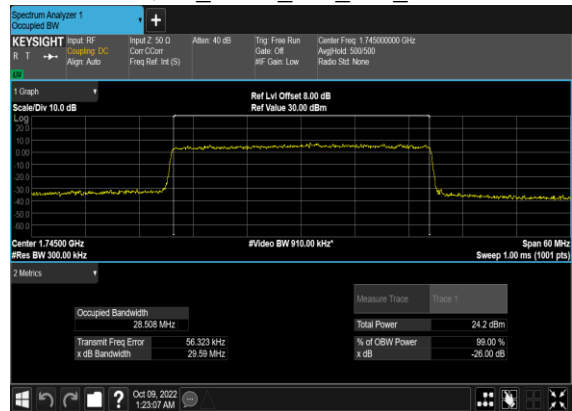
N66(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



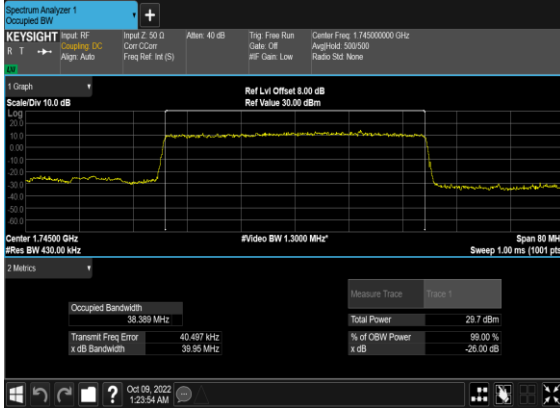
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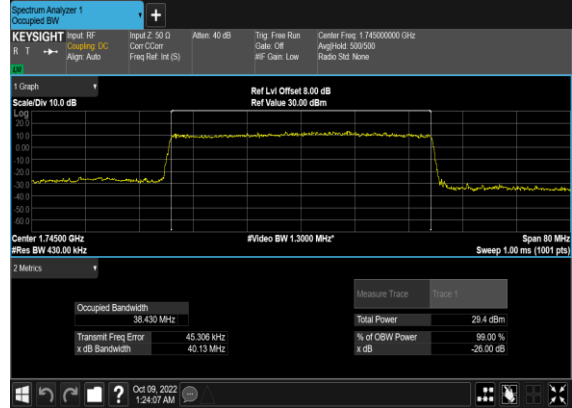
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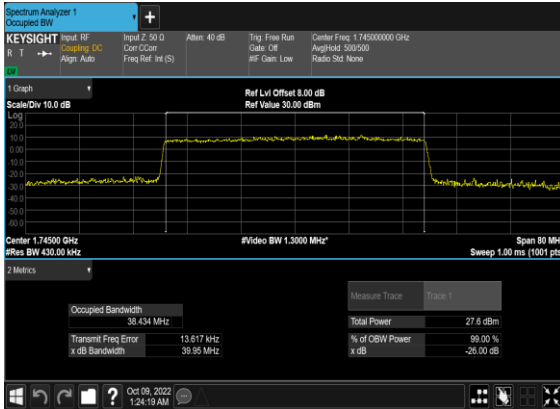
N66(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



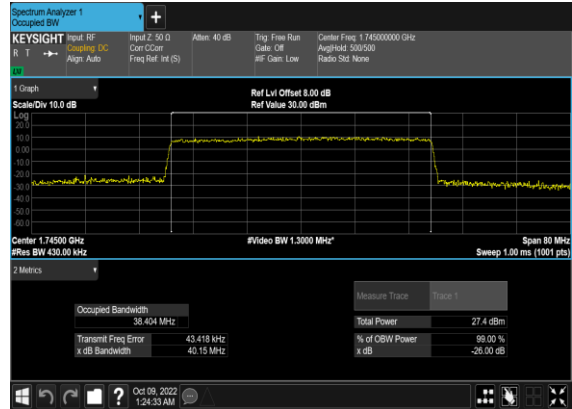
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



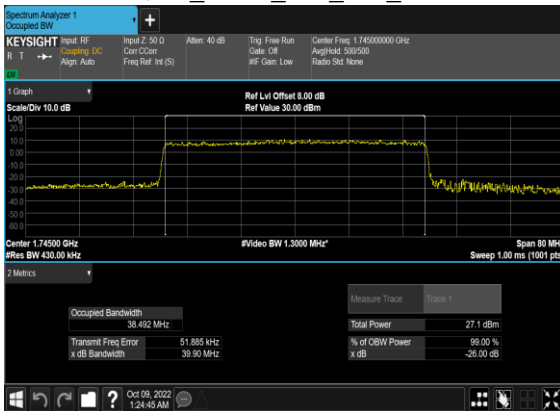
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



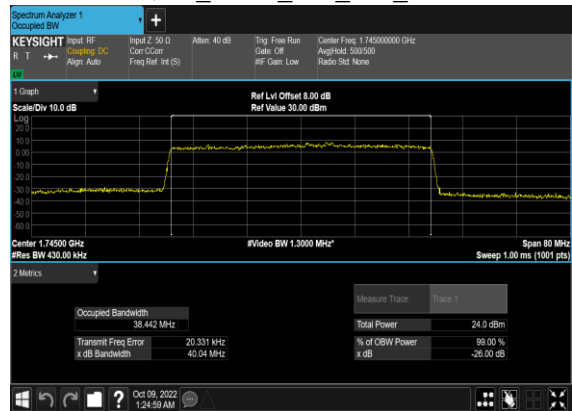
N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

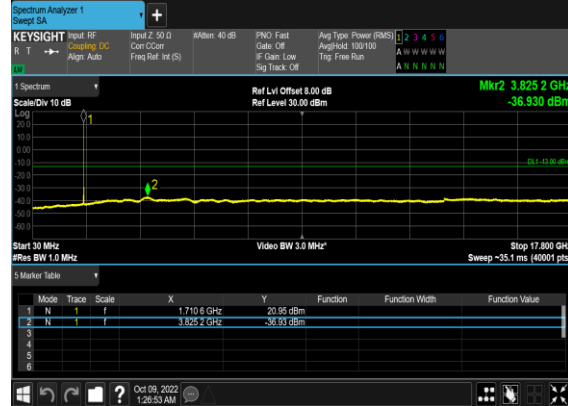
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 5 | 349000 | 1745.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 5 | 349000 | 1745.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 5 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 5 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |

| | | | | | | | | |
|----|----|----|--------|--------|--------------------|-----|-----------|-------------|
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |

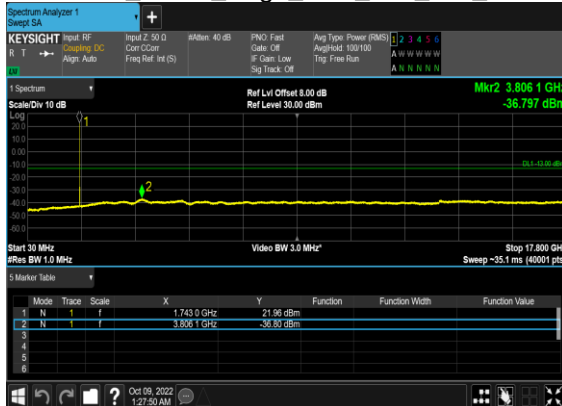
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



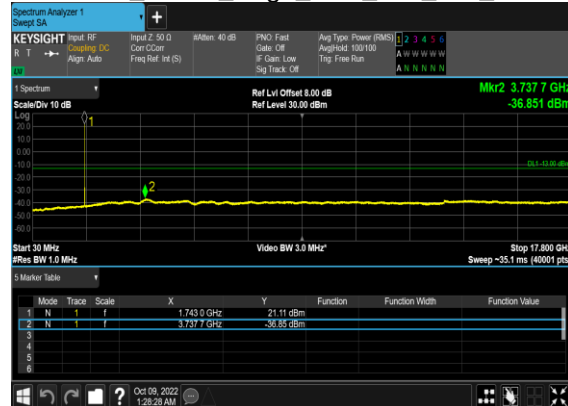
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



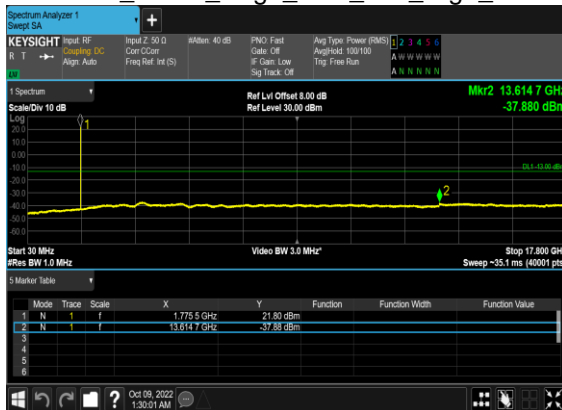
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



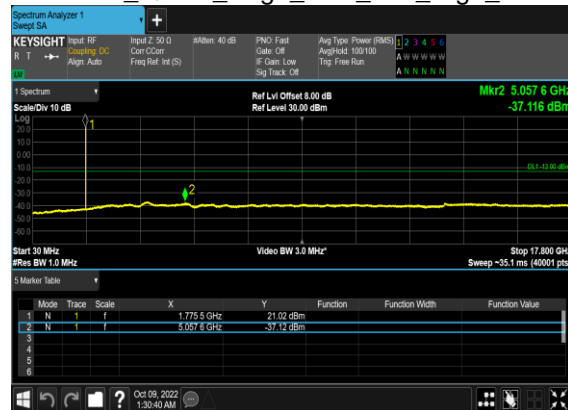
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



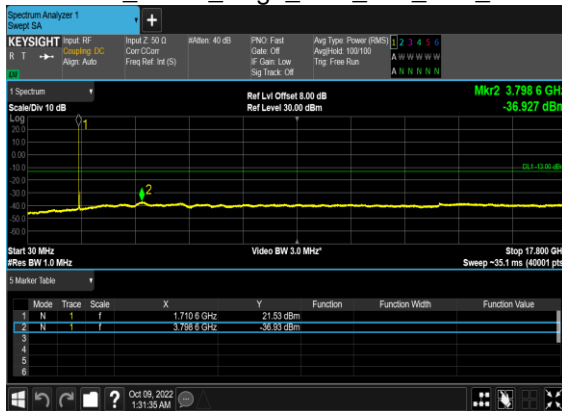
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



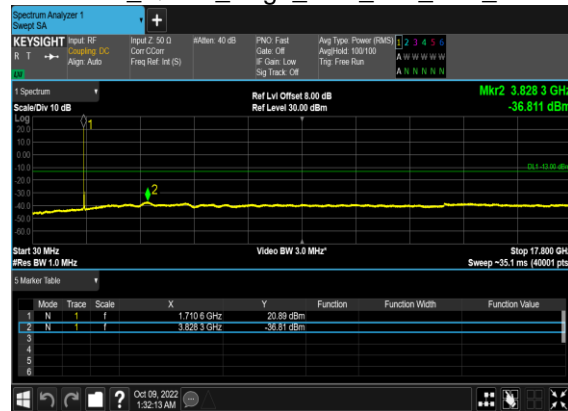
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



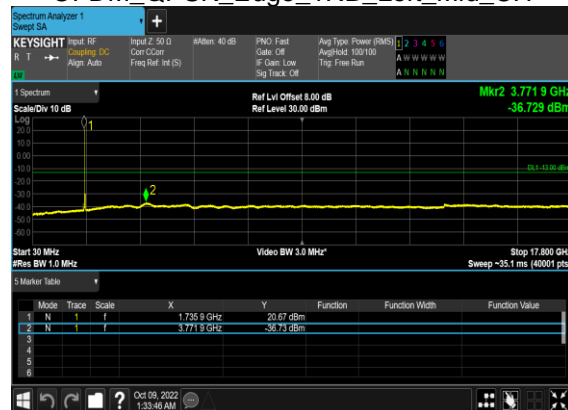
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



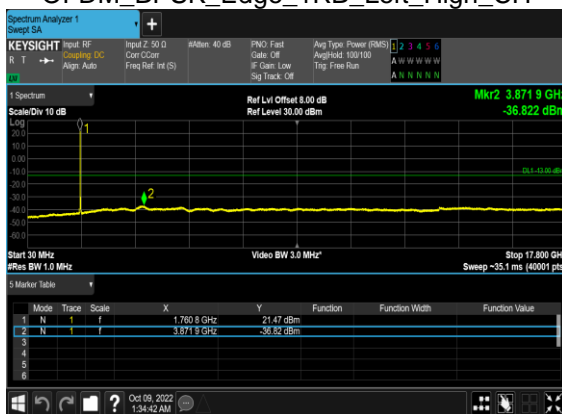
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



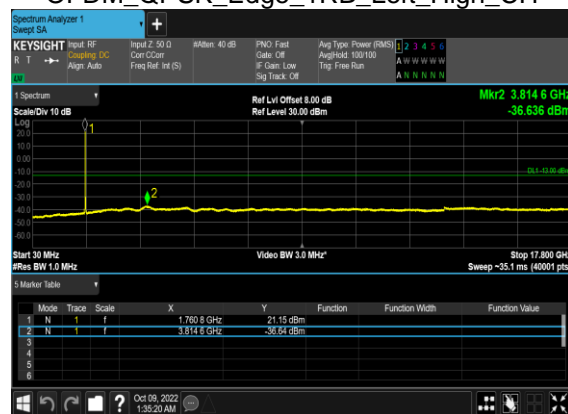
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



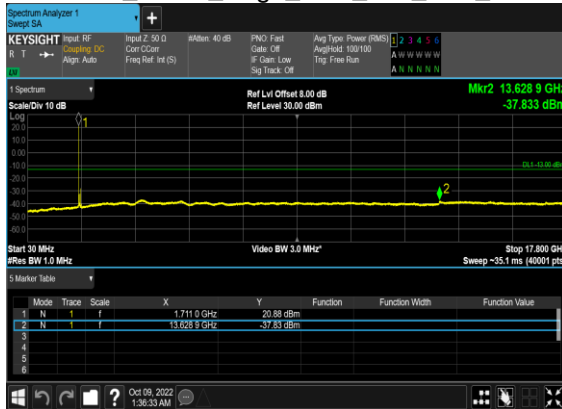
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



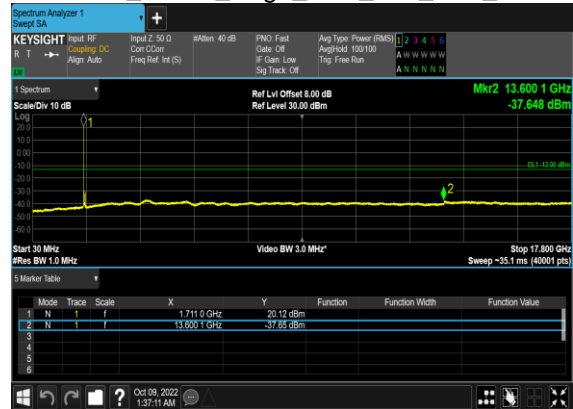
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



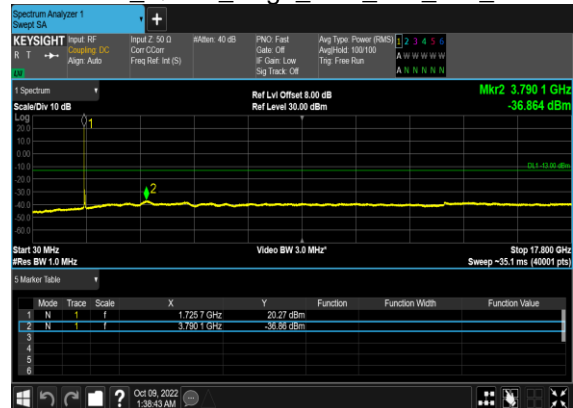
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



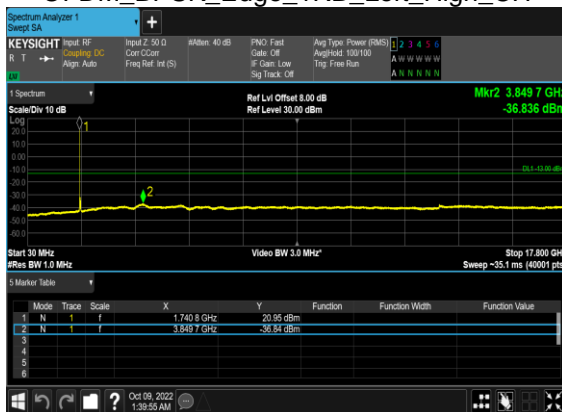
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



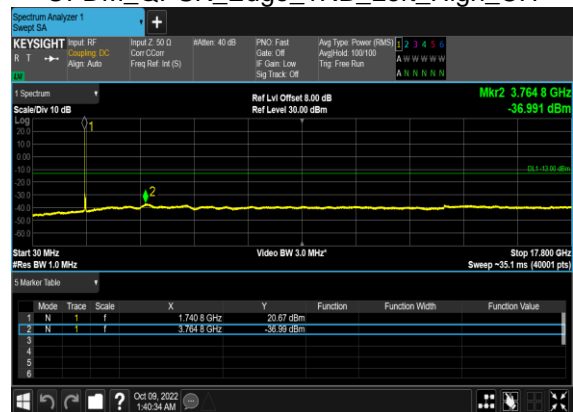
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



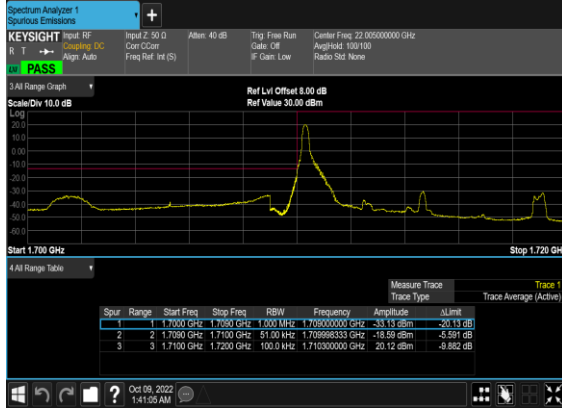
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



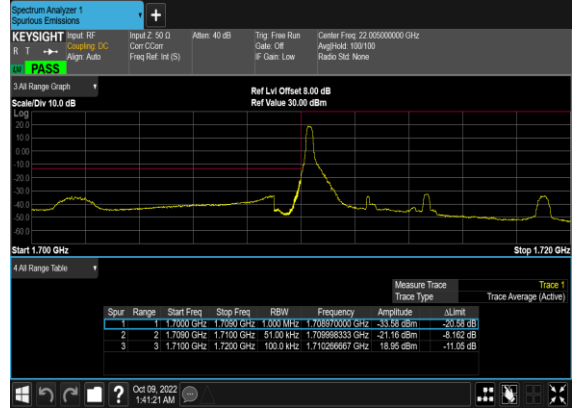
Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM BPSK | 25@0 | see graph | PASS |
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM QPSK | 25@0 | see graph | PASS |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM BPSK | 1@24 | see graph | PASS |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM QPSK | 1@24 | see graph | PASS |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM BPSK | 25@0 | see graph | PASS |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM QPSK | 25@0 | see graph | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM BPSK | 100@0 | see graph | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM QPSK | 100@0 | see graph | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM BPSK | 1@105 | see graph | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM QPSK | 1@105 | see graph | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM BPSK | 100@0 | see graph | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM QPSK | 100@0 | see graph | PASS |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM BPSK | 216@0 | see graph | PASS |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM QPSK | 216@0 | see graph | PASS |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM BPSK | 1@215 | see graph | PASS |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM QPSK | 1@215 | see graph | PASS |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM BPSK | 216@0 | see graph | PASS |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM QPSK | 216@0 | see graph | PASS |

N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



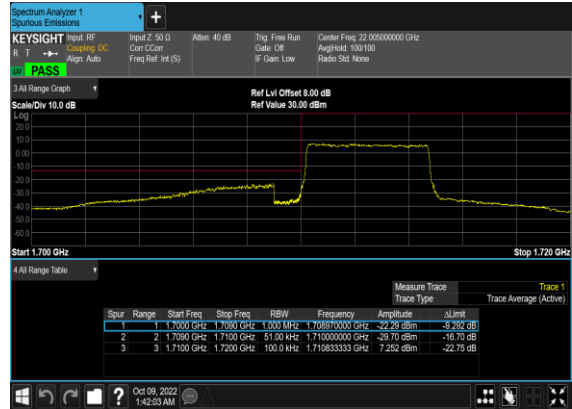
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



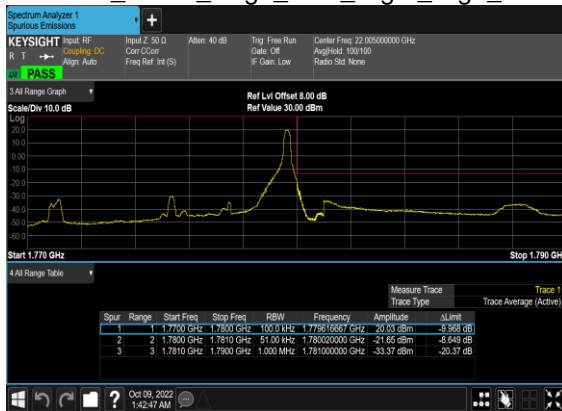
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



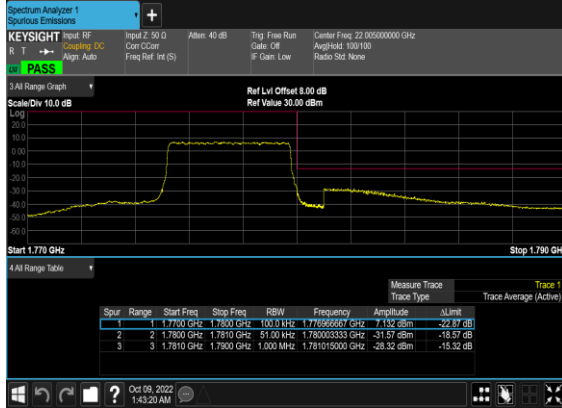
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



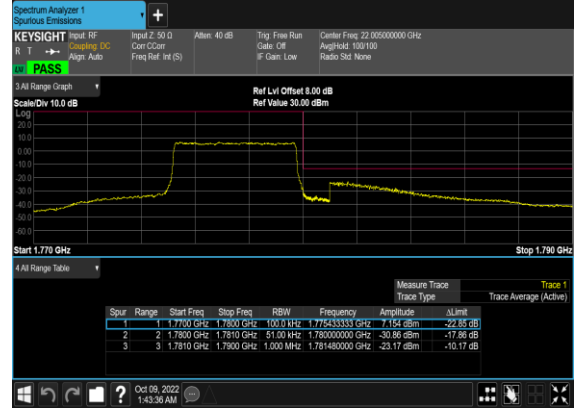
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



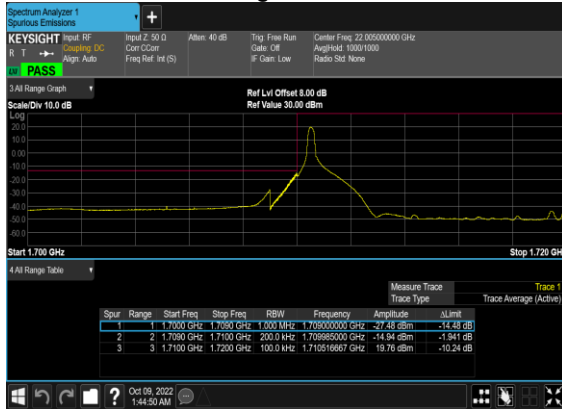
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



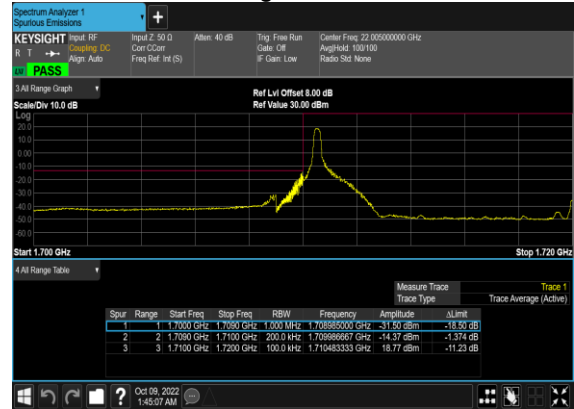
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



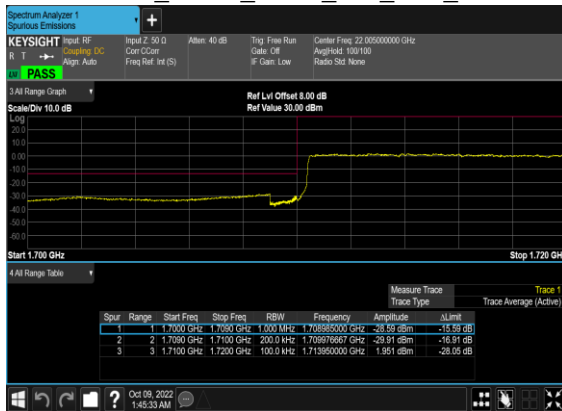
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



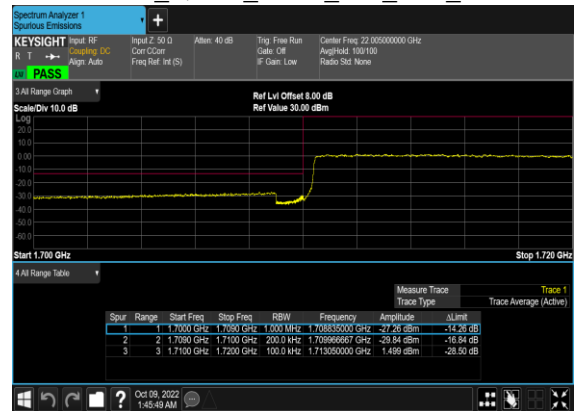
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



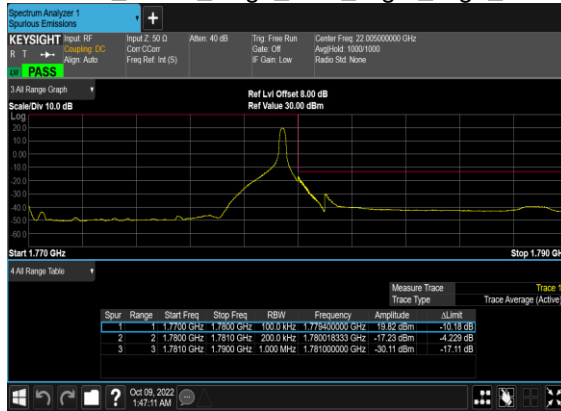
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



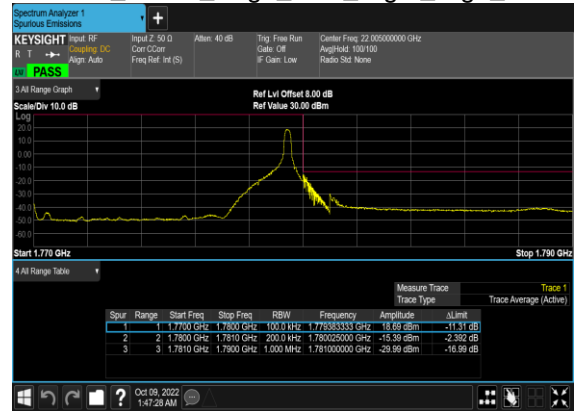
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



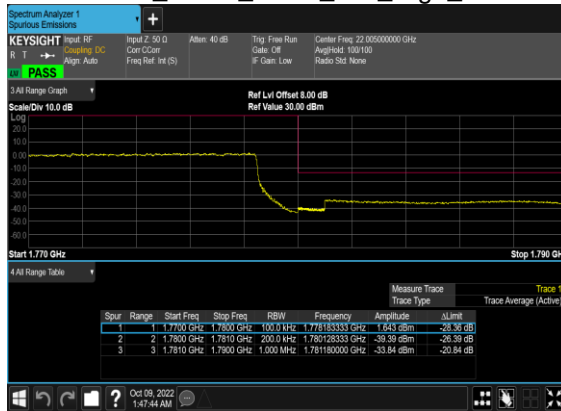
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



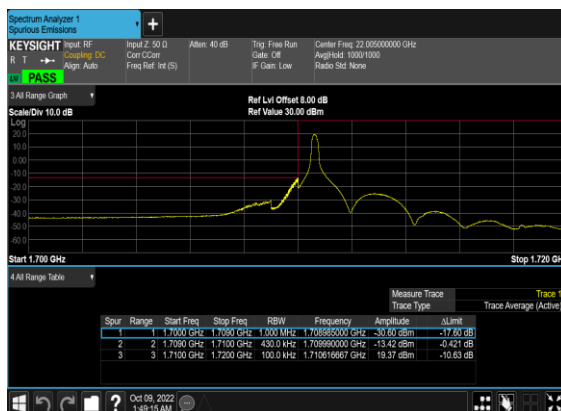
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



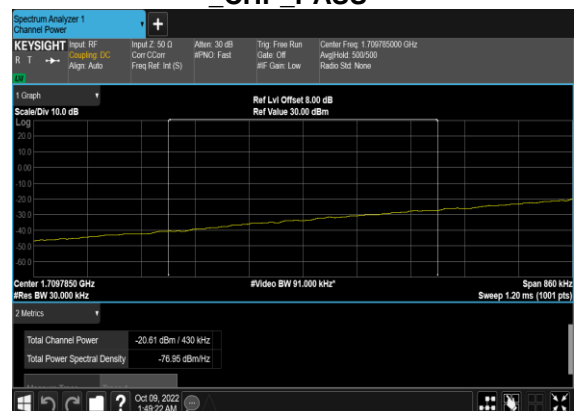
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



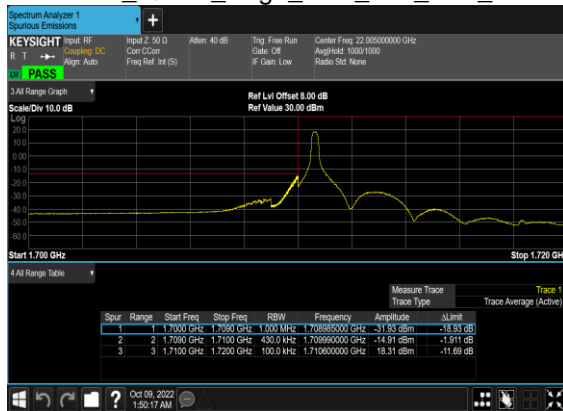
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



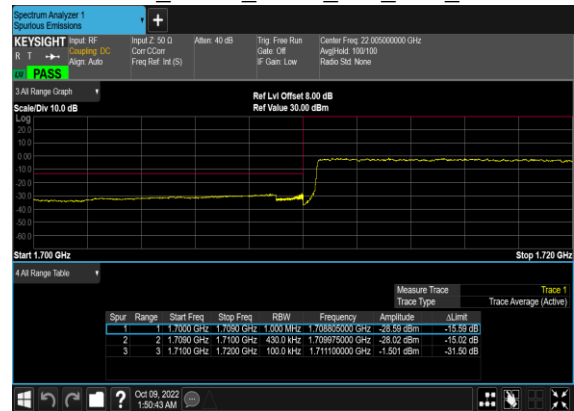
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH
CHP_PASS



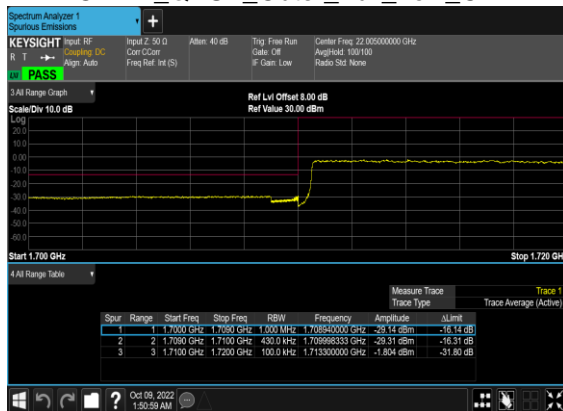
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



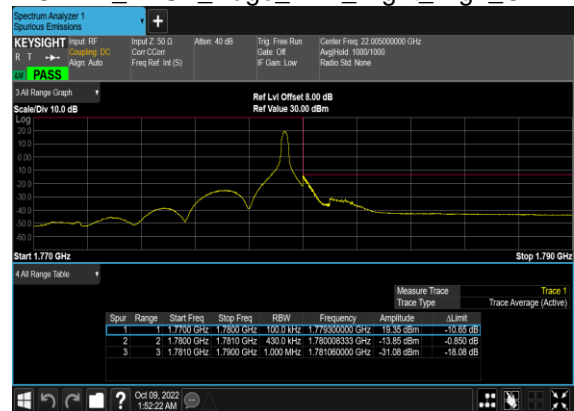
N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



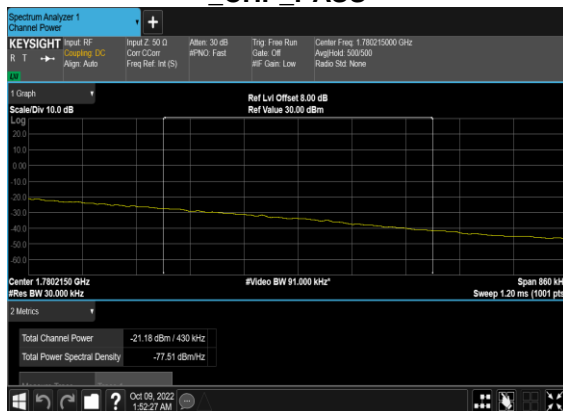
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



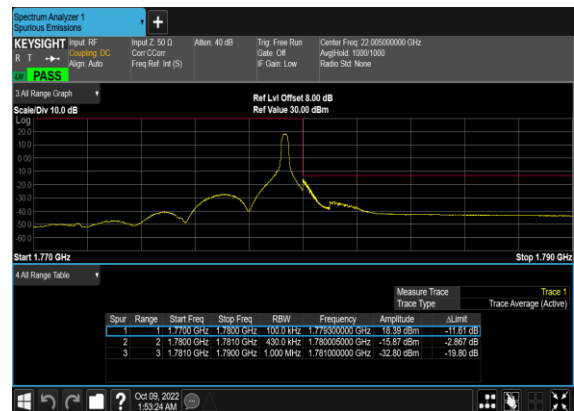
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



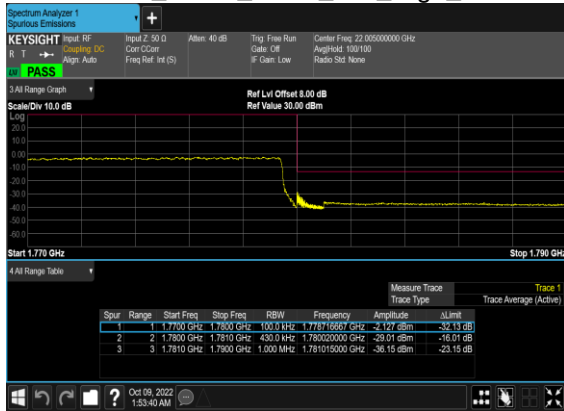
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



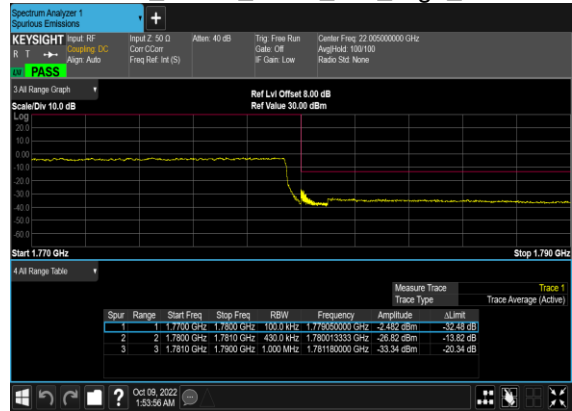
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N66(Other PA)

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

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-0.4dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-------------------|-----|----------------------|------------|----------|
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM QPSK | 1@1 | 23 | 22.6 | 0.1820 |
| 66 | 15 | 5 | 342500 | 1712.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.24 | 21.84 | 0.1528 |
| 66 | 15 | 5 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@1 | 23.17 | 22.77 | 0.1892 |
| 66 | 15 | 5 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.55 | 22.15 | 0.1641 |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM QPSK | 1@1 | 22.91 | 22.51 | 0.1782 |
| 66 | 15 | 5 | 355500 | 1777.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.34 | 21.94 | 0.1563 |
| 66 | 15 | 10 | 343000 | 1715.0 | DFT-s-OFDM QPSK | 1@1 | 22.79 | 22.39 | 0.1734 |
| 66 | 15 | 10 | 343000 | 1715.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.04 | 21.64 | 0.1459 |
| 66 | 15 | 10 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@1 | 22.96 | 22.56 | 0.1803 |
| 66 | 15 | 10 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.13 | 21.73 | 0.1489 |
| 66 | 15 | 10 | 355000 | 1775.0 | DFT-s-OFDM QPSK | 1@1 | 22.7 | 22.3 | 0.1698 |
| 66 | 15 | 10 | 355000 | 1775.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.13 | 21.73 | 0.1489 |
| 66 | 15 | 15 | 343500 | 1717.5 | DFT-s-OFDM QPSK | 1@1 | 22.89 | 22.49 | 0.1774 |
| 66 | 15 | 15 | 343500 | 1717.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.16 | 21.76 | 0.1500 |
| 66 | 15 | 15 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@1 | 23.05 | 22.65 | 0.1841 |
| 66 | 15 | 15 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.28 | 21.88 | 0.1542 |
| 66 | 15 | 15 | 354500 | 1772.5 | DFT-s-OFDM QPSK | 1@1 | 23 | 22.6 | 0.1820 |
| 66 | 15 | 15 | 354500 | 1772.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.2 | 21.8 | 0.1514 |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM QPSK | 1@1 | 22.83 | 22.43 | 0.1750 |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.07 | 21.67 | 0.1469 |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@1 | 22.99 | 22.59 | 0.1816 |

| | | | | | | | | | |
|----|----|----|--------|--------|-------------------------|--------|-------|-------|--------|
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.2 | 21.8 | 0.1514 |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM QPSK | 1@1 | 22.77 | 22.37 | 0.1726 |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.2 | 21.8 | 0.1514 |
| 66 | 15 | 25 | 344500 | 1722.5 | DFT-s-OFDM QPSK | 1@1 | 22.73 | 22.33 | 0.1710 |
| 66 | 15 | 25 | 344500 | 1722.5 | DFT-s-OFDM 16 QAM | 1@1 | 21.99 | 21.59 | 0.1442 |
| 66 | 15 | 25 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@1 | 22.94 | 22.54 | 0.1795 |
| 66 | 15 | 25 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.14 | 21.74 | 0.1493 |
| 66 | 15 | 25 | 353500 | 1767.5 | DFT-s-OFDM QPSK | 1@1 | 22.89 | 22.49 | 0.1774 |
| 66 | 15 | 25 | 353500 | 1767.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.06 | 21.66 | 0.1466 |
| 66 | 15 | 30 | 345000 | 1725.0 | DFT-s-OFDM QPSK | 1@1 | 22.69 | 22.29 | 0.1694 |
| 66 | 15 | 30 | 345000 | 1725.0 | DFT-s-OFDM 16 QAM | 1@1 | 21.92 | 21.52 | 0.1419 |
| 66 | 15 | 30 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@1 | 22.78 | 22.38 | 0.1730 |
| 66 | 15 | 30 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 1@1 | 22.01 | 21.61 | 0.1449 |
| 66 | 15 | 30 | 353000 | 1765.0 | DFT-s-OFDM QPSK | 1@1 | 22.69 | 22.29 | 0.1694 |
| 66 | 15 | 30 | 353000 | 1765.0 | DFT-s-OFDM 16 QAM | 1@1 | 21.96 | 21.56 | 0.1432 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.44 | 23.04 | 0.2014 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM PI/2 BPSK | 1@1 | 22.48 | 22.08 | 0.1614 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM PI/2 BPSK | 1@214 | 22.67 | 22.27 | 0.1687 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM QPSK | 108@54 | 23.47 | 23.07 | 0.2028 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM QPSK | 1@1 | 22.43 | 22.03 | 0.1596 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM QPSK | 1@214 | 22.62 | 22.22 | 0.1667 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 16 QAM | 108@54 | 22.62 | 22.22 | 0.1667 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 16 QAM | 1@1 | 21.7 | 21.3 | 0.1349 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 16 QAM | 1@214 | 21.81 | 21.41 | 0.1384 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 64 QAM | 108@54 | 21.13 | 20.73 | 0.1183 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 64 QAM | 1@1 | 19.99 | 19.59 | 0.0910 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 64 QAM | 1@214 | 20.17 | 19.77 | 0.0948 |

| | | | | | | | | | |
|----|----|----|--------|--------|-------------------------|--------|-------|-------|--------|
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 256 QAM | 108@54 | 19.14 | 18.74 | 0.0748 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 256 QAM | 1@1 | 18.51 | 18.11 | 0.0647 |
| 66 | 15 | 40 | 346000 | 1730.0 | DFT-s-OFDM 256 QAM | 1@214 | 18.67 | 18.27 | 0.0671 |
| 66 | 15 | 40 | 346000 | 1730.0 | CP-OFDM QPSK | 108@54 | 22.1 | 21.7 | 0.1479 |
| 66 | 15 | 40 | 346000 | 1730.0 | CP-OFDM QPSK | 1@1 | 21.84 | 21.44 | 0.1393 |
| 66 | 15 | 40 | 346000 | 1730.0 | CP-OFDM QPSK | 1@214 | 21.92 | 21.52 | 0.1419 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.54 | 23.14 | 0.2061 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 1@1 | 22.53 | 22.13 | 0.1633 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 1@214 | 22.6 | 22.2 | 0.1660 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 108@54 | 23.62 | 23.22 | 0.2099 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@1 | 22.54 | 22.14 | 0.1637 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@214 | 22.61 | 22.21 | 0.1663 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 108@54 | 22.77 | 22.37 | 0.1726 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 1@1 | 21.73 | 21.33 | 0.1358 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 16 QAM | 1@214 | 21.82 | 21.42 | 0.1387 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 64 QAM | 108@54 | 21.17 | 20.77 | 0.1194 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 64 QAM | 1@1 | 20.08 | 19.68 | 0.0929 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 64 QAM | 1@214 | 20.17 | 19.77 | 0.0948 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 256 QAM | 108@54 | 19.22 | 18.82 | 0.0762 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 256 QAM | 1@1 | 18.6 | 18.2 | 0.0661 |
| 66 | 15 | 40 | 349000 | 1745.0 | DFT-s-OFDM 256 QAM | 1@214 | 18.66 | 18.26 | 0.0670 |
| 66 | 15 | 40 | 349000 | 1745.0 | CP-OFDM QPSK | 108@54 | 22.2 | 21.8 | 0.1514 |
| 66 | 15 | 40 | 349000 | 1745.0 | CP-OFDM QPSK | 1@1 | 21.82 | 21.42 | 0.1387 |
| 66 | 15 | 40 | 349000 | 1745.0 | CP-OFDM QPSK | 1@214 | 21.85 | 21.45 | 0.1396 |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.43 | 23.03 | 0.2009 |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM PI/2 BPSK | 1@1 | 22.59 | 22.19 | 0.1656 |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM PI/2 BPSK | 1@214 | 22.53 | 22.13 | 0.1633 |

| | | | | | | | | | |
|----|----|----|--------|--------|-----------------------|--------|-------|-------|--------|
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM QPSK | 108@54 | 23.46 | 23.06 | 0.2023 |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM QPSK | 1@1 | 22.57 | 22.17 | 0.1648 |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM QPSK | 1@214 | 22.5 | 22.1 | 0.1622 |
| 66 | 15 | 40 | 352000 | 1760.0 | DFT-s-OFDM 16 QAM | 108@54 | 22.62 | 22.22 | 0.1667 |
| 66 | 15 | 40 | 352000 | 1760 | DFT-s-OFDM 16 QAM | 1@1 | 21.79 | 21.39 | 0.1377 |
| 66 | 15 | 40 | 352000 | 1760 | DFT-s-OFDM 16 QAM | 1@214 | 21.92 | 21.52 | 0.1419 |
| 66 | 15 | 40 | 352000 | 1760 | DFT-s-OFDM 64 QAM | 108@54 | 21.13 | 20.73 | 0.1183 |
| 66 | 15 | 40 | 352000 | 1760 | DFT-s-OFDM 64 QAM | 1@1 | 20.14 | 19.74 | 0.0942 |
| 66 | 15 | 40 | 352000 | 1760 | DFT-s-OFDM 64 QAM | 1@214 | 20.25 | 19.85 | 0.0966 |
| 66 | 15 | 40 | 352000 | 1760 | DFT-s-OFDM 256 QAM | 108@54 | 19.11 | 18.71 | 0.0743 |
| 66 | 15 | 40 | 352000 | 1760 | DFT-s-OFDM 256 QAM | 1@1 | 18.64 | 18.24 | 0.0667 |
| 66 | 15 | 40 | 352000 | 1760 | DFT-s-OFDM 256 QAM | 1@214 | 18.71 | 18.31 | 0.0678 |
| 66 | 15 | 40 | 352000 | 1760 | CP-OFDM QPSK | 108@54 | 22.09 | 21.69 | 0.1476 |
| 66 | 15 | 40 | 352000 | 1760 | CP-OFDM QPSK | 1@1 | 21.83 | 21.43 | 0.1390 |
| 66 | 15 | 40 | 352000 | 1760 | CP-OFDM QPSK | 1@214 | 22.1 | 21.7 | 0.1479 |

Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------------|---------|-------------|
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0068 | PASS | NV |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0049 | PASS | LV |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0064 | PASS | HV |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0043 | PASS | -30°C |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0026 | PASS | -20°C |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0064 | PASS | -10°C |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0033 | PASS | 0°C |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0032 | PASS | 10°C |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0068 | PASS | 20°C |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0034 | PASS | 30°C |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0054 | PASS | 40°C |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 0.0054 | PASS | 50°C |

Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|-------------------------|-------|-------------|------------|---------|
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.37 | 13 | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.76 | 13 | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM QPSK | 100@0 | 5.35 | 13 | PASS |
| 66 | 15 | 20 | 344000 | 1720.0 | DFT-s-OFDM QPSK | 1@0 | 5.13 | 13 | PASS |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.24 | 13 | PASS |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.94 | 13 | PASS |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 100@0 | 5.31 | 13 | PASS |
| 66 | 15 | 20 | 349000 | 1745.0 | DFT-s-OFDM QPSK | 1@0 | 5.57 | 13 | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.37 | 13 | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.92 | 13 | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM QPSK | 100@0 | 5.35 | 13 | PASS |
| 66 | 15 | 20 | 354000 | 1770.0 | DFT-s-OFDM QPSK | 1@0 | 5.5 | 13 | PASS |

B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



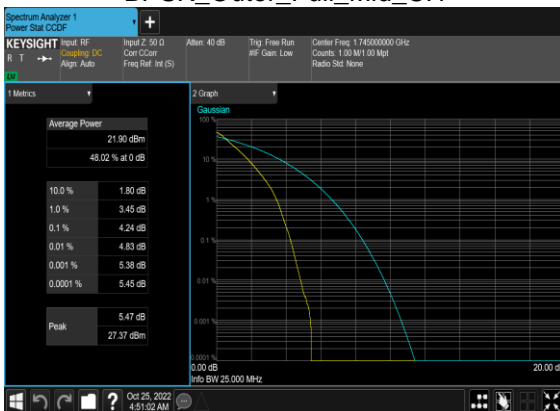
B5_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

