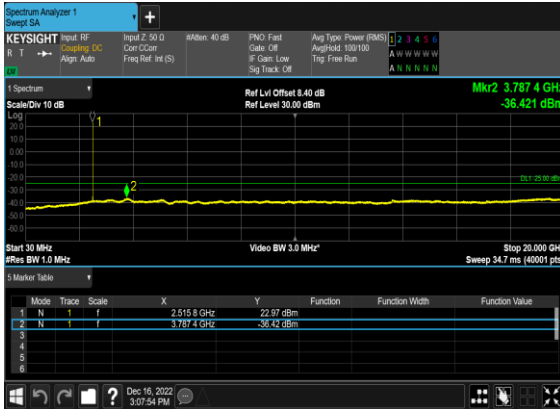
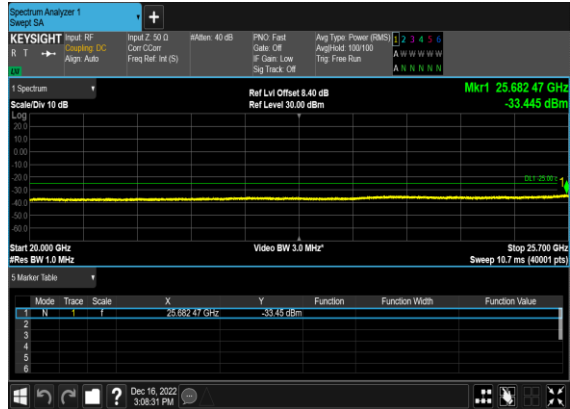


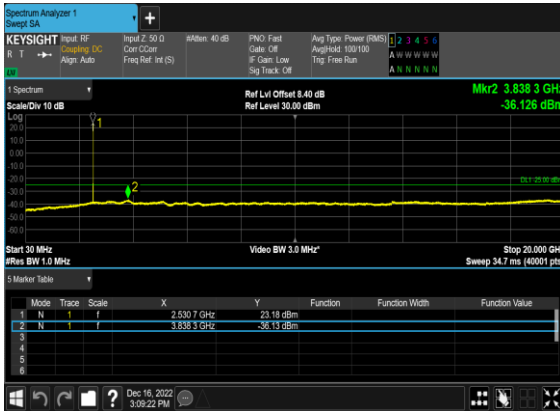
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



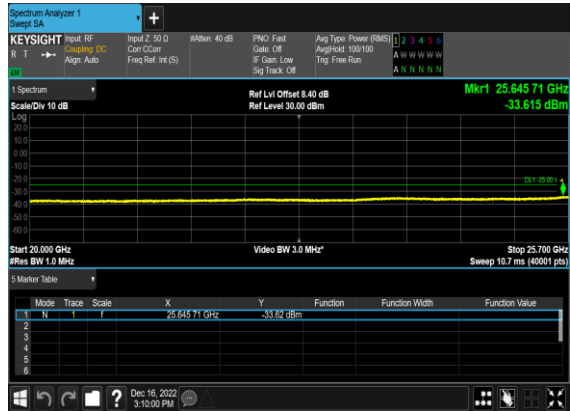
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



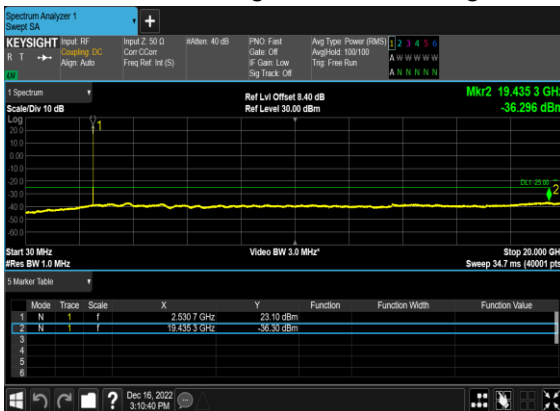
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



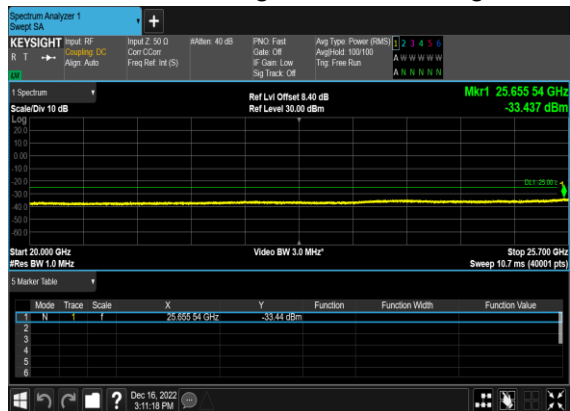
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



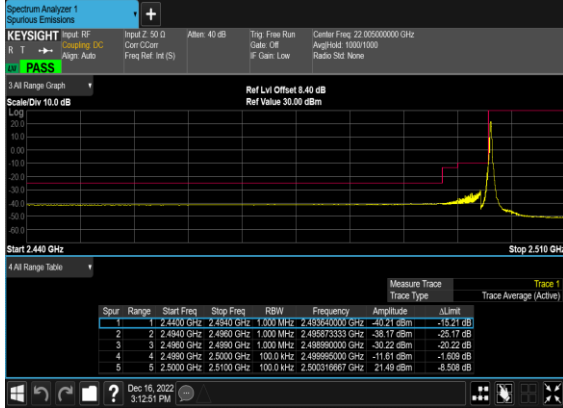
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM BPSK | 25@0 | see graph | PASS |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM QPSK | 25@0 | see graph | PASS |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM BPSK | 1@24 | see graph | PASS |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM QPSK | 1@24 | see graph | PASS |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM BPSK | 25@0 | see graph | PASS |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM QPSK | 25@0 | see graph | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM BPSK | 100@0 | see graph | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM QPSK | 100@0 | see graph | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM BPSK | 1@105 | see graph | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM QPSK | 1@105 | see graph | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM BPSK | 100@0 | see graph | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM QPSK | 100@0 | see graph | PASS |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM BPSK | 216@0 | see graph | PASS |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM QPSK | 216@0 | see graph | PASS |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM BPSK | 1@215 | see graph | PASS |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM QPSK | 1@215 | see graph | PASS |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM BPSK | 216@0 | see graph | PASS |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM QPSK | 216@0 | see graph | PASS |

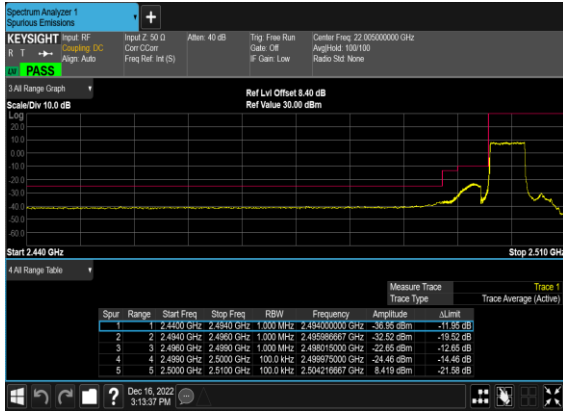
N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



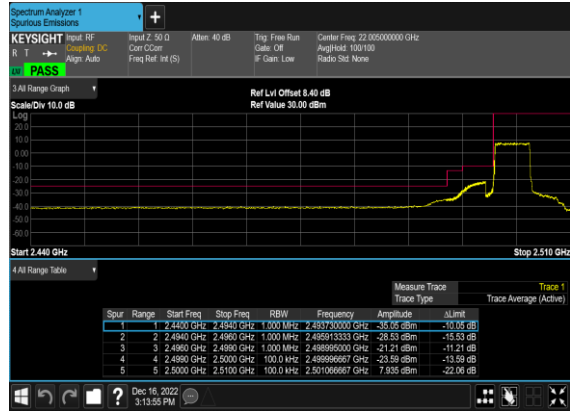
N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



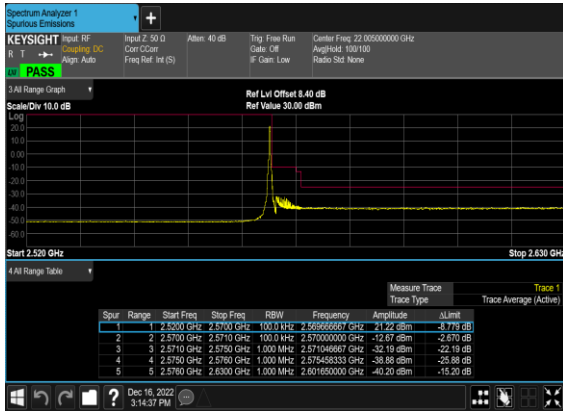
N7(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



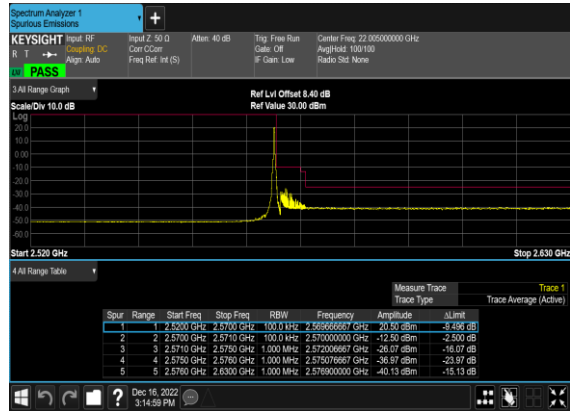
N7(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



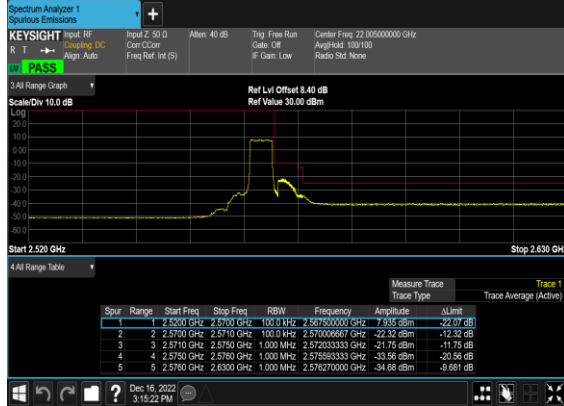
N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N7(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



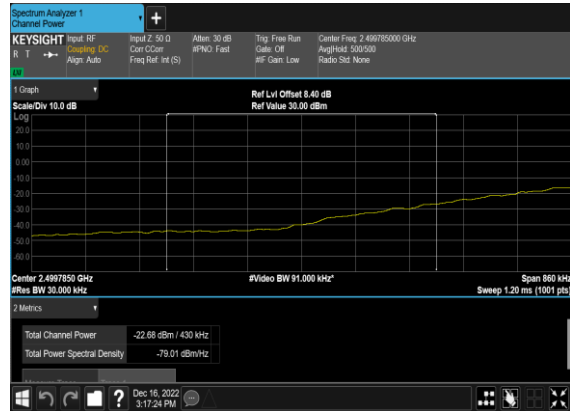
N7(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



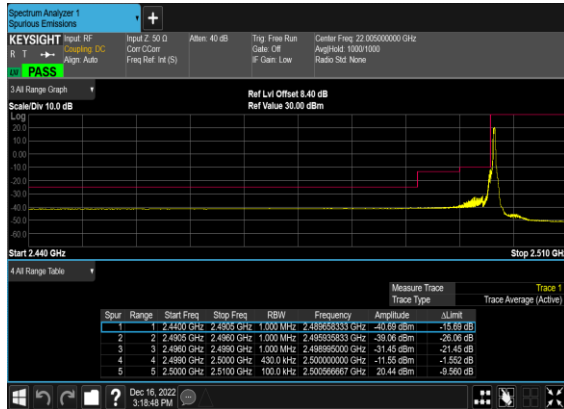
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



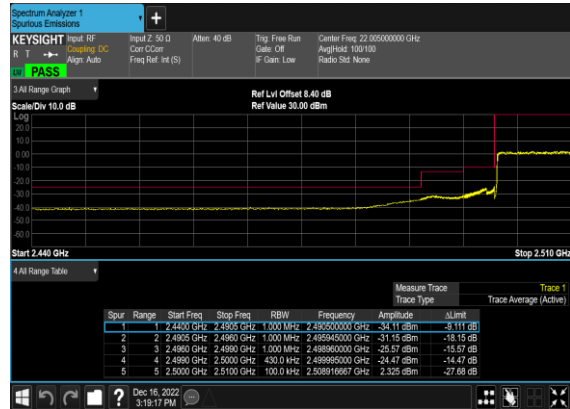
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



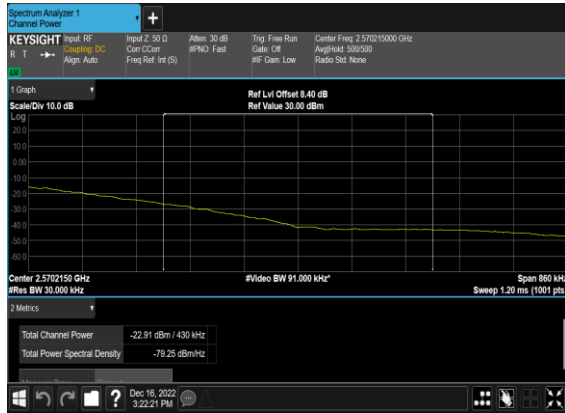
N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



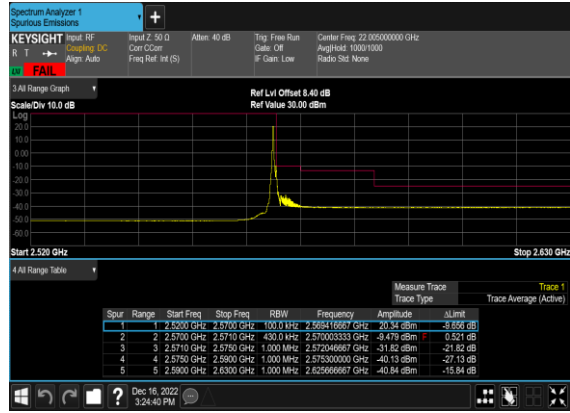
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



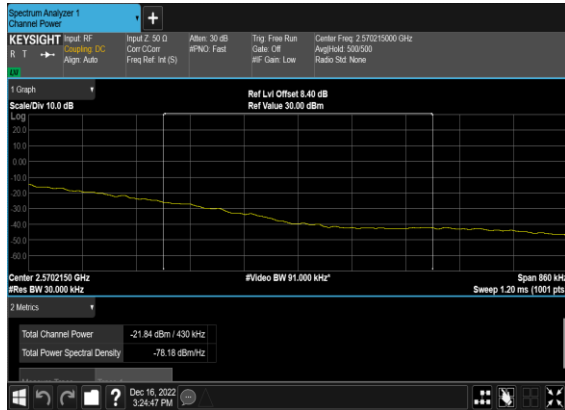
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



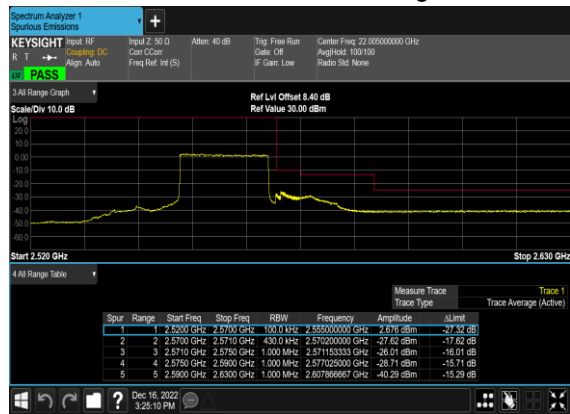
N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



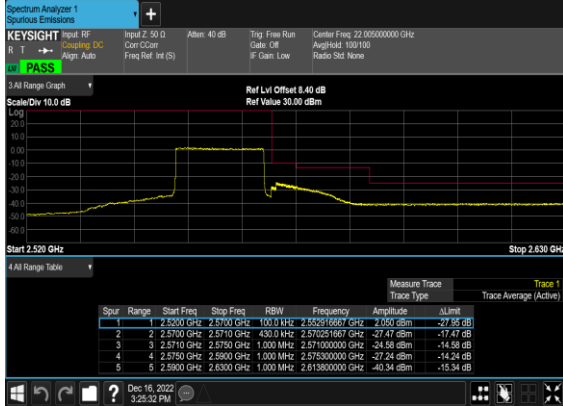
N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



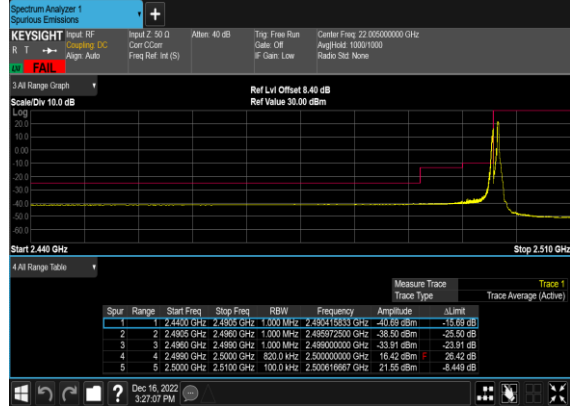
N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



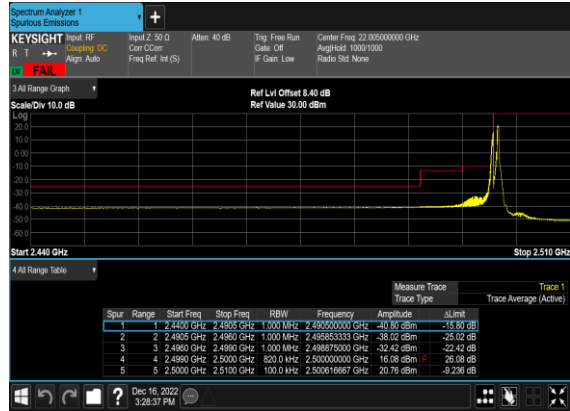
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_P ASS



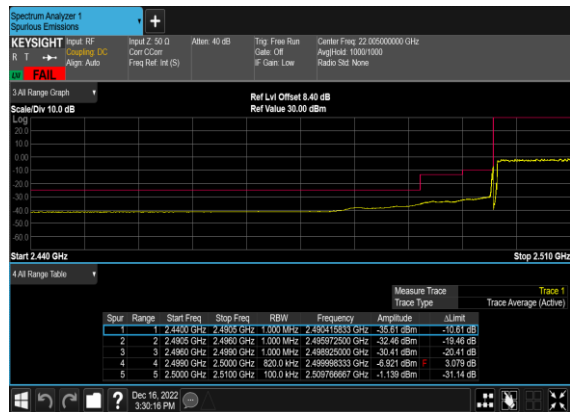
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



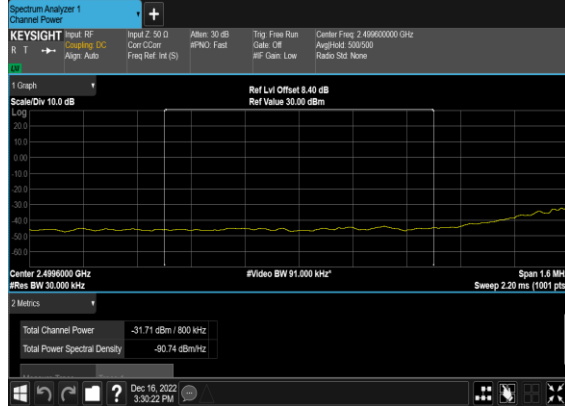
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_P ASS



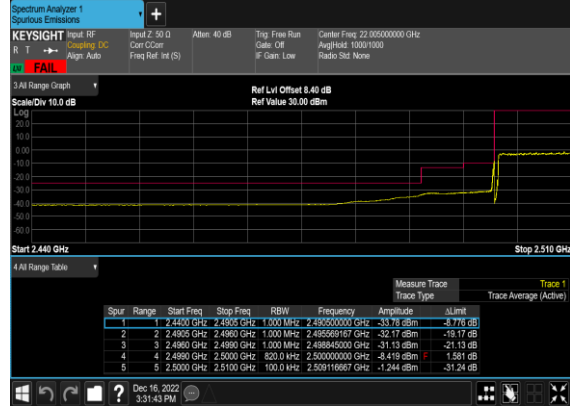
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



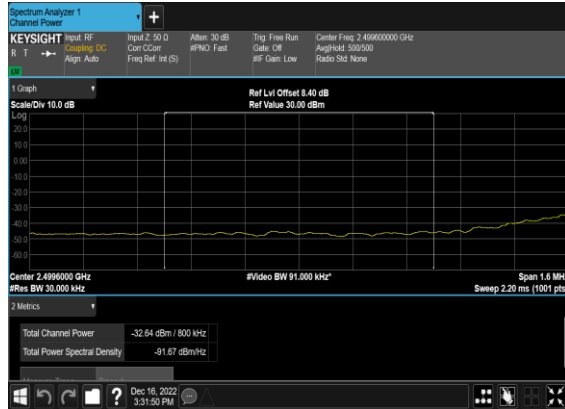
N7(40M)_DFT-s- OFDM_BPSK_Outer_Full_Low_CH_CHP_PASS



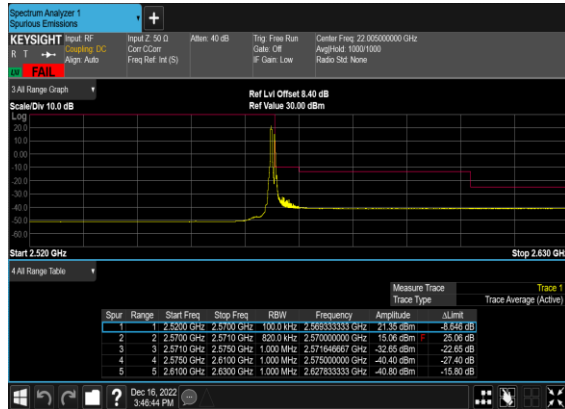
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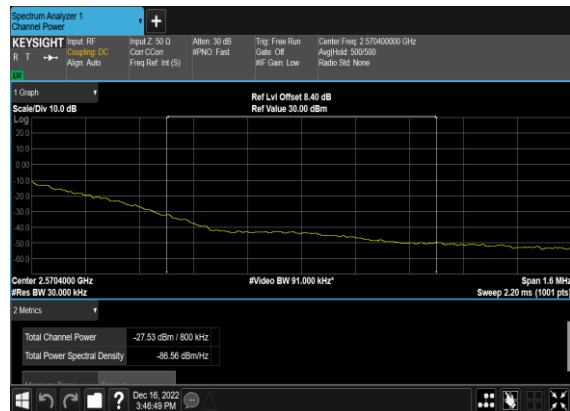
N7(40M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



N7(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



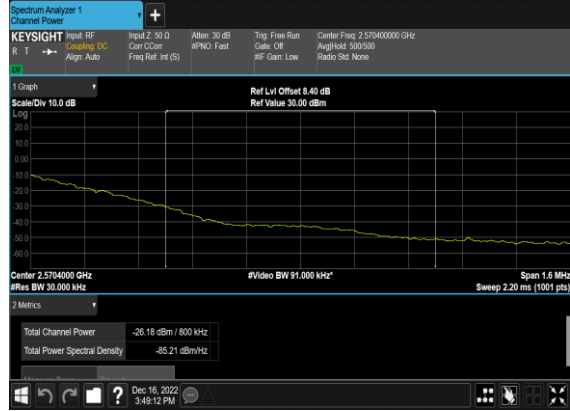
N7(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH _CHP_PASS



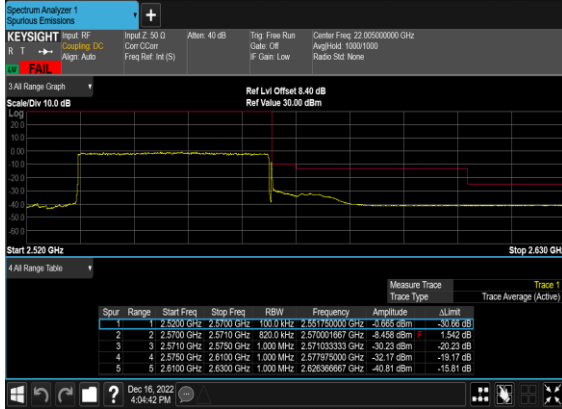
N7(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N7(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH _CHP_PASS



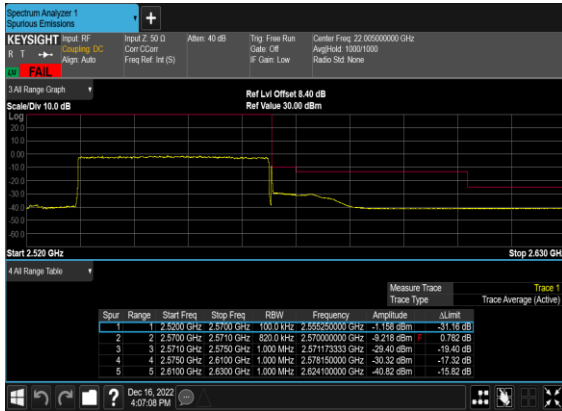
N7(40M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



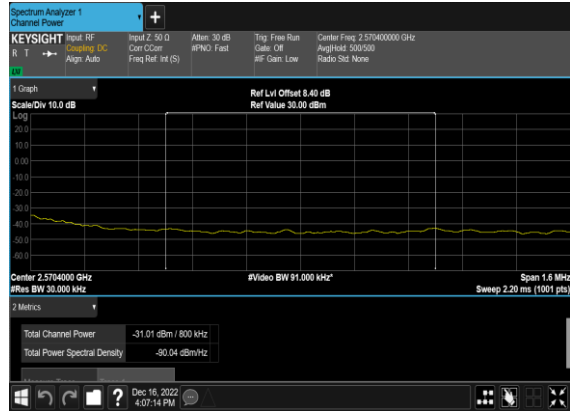
N7(40M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH_chp_ PASS



N7(40M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



N7(40M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH_chp_ PASS



FR1 N7

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

**Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-
0.58dB**

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-------------------|-----|----------------------|------------|----------|
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM QPSK | 1@1 | 23.27 | 22.69 | 0.1858 |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.34 | 21.76 | 0.1500 |
| 7 | 15 | 5 | 507000 | 2535 | DFT-s-OFDM QPSK | 1@1 | 23.19 | 22.61 | 0.1824 |
| 7 | 15 | 5 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 1@1 | 22.32 | 21.74 | 0.1493 |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM QPSK | 1@1 | 23.28 | 22.7 | 0.1862 |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.22 | 21.64 | 0.1459 |
| 7 | 15 | 10 | 501000 | 2505 | DFT-s-OFDM QPSK | 1@1 | 23.26 | 22.68 | 0.1854 |
| 7 | 15 | 10 | 501000 | 2505 | DFT-s-OFDM 16 QAM | 1@1 | 22.33 | 21.75 | 0.1496 |
| 7 | 15 | 10 | 507000 | 2535 | DFT-s-OFDM QPSK | 1@1 | 23.25 | 22.67 | 0.1849 |
| 7 | 15 | 10 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 1@1 | 22.29 | 21.71 | 0.1483 |
| 7 | 15 | 10 | 513000 | 2565 | DFT-s-OFDM QPSK | 1@1 | 23.3 | 22.72 | 0.1871 |
| 7 | 15 | 10 | 513000 | 2565 | DFT-s-OFDM 16 QAM | 1@1 | 22.31 | 21.73 | 0.1489 |
| 7 | 15 | 15 | 501500 | 2507.5 | DFT-s-OFDM QPSK | 1@1 | 23.3 | 22.72 | 0.1871 |
| 7 | 15 | 15 | 501500 | 2507.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.65 | 22.07 | 0.1611 |
| 7 | 15 | 15 | 507000 | 2535 | DFT-s-OFDM QPSK | 1@1 | 23.22 | 22.64 | 0.1837 |
| 7 | 15 | 15 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 1@1 | 22.2 | 21.62 | 0.1452 |
| 7 | 15 | 15 | 512500 | 2562.5 | DFT-s-OFDM QPSK | 1@1 | 23.24 | 22.66 | 0.1845 |
| 7 | 15 | 15 | 512500 | 2562.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.17 | 21.59 | 0.1442 |
| 7 | 15 | 20 | 502000 | 2510 | DFT-s-OFDM QPSK | 1@1 | 23.2 | 22.62 | 0.1828 |
| 7 | 15 | 20 | 502000 | 2510 | DFT-s-OFDM 16 QAM | 1@1 | 22.54 | 21.96 | 0.1570 |

| | | | | | | | | | |
|---|----|----|--------|--------|-------------------------|--------|-------|-------|--------|
| 7 | 15 | 20 | 507000 | 2535 | DFT-s-OFDM QPSK | 1@1 | 23.24 | 22.66 | 0.1845 |
| 7 | 15 | 20 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 1@1 | 22.36 | 21.78 | 0.1507 |
| 7 | 15 | 20 | 512000 | 2560 | DFT-s-OFDM QPSK | 1@1 | 23.19 | 22.61 | 0.1824 |
| 7 | 15 | 20 | 512000 | 2560 | DFT-s-OFDM 16 QAM | 1@1 | 22.18 | 21.6 | 0.1445 |
| 7 | 15 | 25 | 502500 | 2512.5 | DFT-s-OFDM QPSK | 1@1 | 23.29 | 22.71 | 0.1866 |
| 7 | 15 | 25 | 502500 | 2512.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.28 | 21.7 | 0.1479 |
| 7 | 15 | 25 | 507000 | 2535 | DFT-s-OFDM QPSK | 1@1 | 23.3 | 22.72 | 0.1871 |
| 7 | 15 | 25 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 1@1 | 22.24 | 21.66 | 0.1466 |
| 7 | 15 | 25 | 511500 | 2557.5 | DFT-s-OFDM QPSK | 1@1 | 23.24 | 22.66 | 0.1845 |
| 7 | 15 | 25 | 511500 | 2557.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.34 | 21.76 | 0.1500 |
| 7 | 15 | 30 | 503000 | 2515 | DFT-s-OFDM QPSK | 1@1 | 23.21 | 22.63 | 0.1832 |
| 7 | 15 | 30 | 503000 | 2515 | DFT-s-OFDM 16 QAM | 1@1 | 22.33 | 21.75 | 0.1496 |
| 7 | 15 | 30 | 507000 | 2535 | DFT-s-OFDM QPSK | 1@1 | 23.23 | 22.65 | 0.1841 |
| 7 | 15 | 30 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 1@1 | 22.22 | 21.64 | 0.1459 |
| 7 | 15 | 30 | 511000 | 2555 | DFT-s-OFDM QPSK | 1@1 | 23.17 | 22.59 | 0.1816 |
| 7 | 15 | 30 | 511000 | 2555 | DFT-s-OFDM 16 QAM | 1@1 | 22.32 | 21.74 | 0.1493 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.26 | 22.68 | 0.1854 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.28 | 22.7 | 0.1862 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM PI/2 BPSK | 1@214 | 23.08 | 22.5 | 0.1778 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM QPSK | 108@54 | 23.3 | 22.72 | 0.1871 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM QPSK | 1@1 | 23.3 | 22.72 | 0.1871 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM QPSK | 1@214 | 23.12 | 22.54 | 0.1795 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 16 QAM | 108@54 | 22.29 | 21.71 | 0.1483 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 16 QAM | 1@1 | 22.15 | 21.57 | 0.1435 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 16 QAM | 1@214 | 22.04 | 21.46 | 0.1400 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 64 QAM | 108@54 | 20.79 | 20.21 | 0.1050 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 64 QAM | 1@1 | 20.96 | 20.38 | 0.1091 |

| | | | | | | | | | |
|---|----|----|--------|------|-------------------------|--------|-------|-------|--------|
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 64 QAM | 1@214 | 20.92 | 20.34 | 0.1081 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 256 QAM | 108@54 | 18.72 | 18.14 | 0.0652 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 256 QAM | 1@1 | 18.1 | 17.52 | 0.0565 |
| 7 | 15 | 40 | 504000 | 2520 | DFT-s-OFDM 256 QAM | 1@214 | 17.97 | 17.39 | 0.0548 |
| 7 | 15 | 40 | 504000 | 2520 | CP-OFDM QPSK | 108@54 | 21.79 | 21.21 | 0.1321 |
| 7 | 15 | 40 | 504000 | 2520 | CP-OFDM QPSK | 1@1 | 21.77 | 21.19 | 0.1315 |
| 7 | 15 | 40 | 504000 | 2520 | CP-OFDM QPSK | 1@214 | 21.64 | 21.06 | 0.1276 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.15 | 22.57 | 0.1807 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.16 | 22.58 | 0.1811 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM PI/2 BPSK | 1@214 | 23.07 | 22.49 | 0.1774 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM QPSK | 108@54 | 23.22 | 22.64 | 0.1837 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM QPSK | 1@1 | 23.16 | 22.58 | 0.1811 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM QPSK | 1@214 | 23.16 | 22.58 | 0.1811 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 108@54 | 22.21 | 21.63 | 0.1455 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 1@1 | 22.15 | 21.57 | 0.1435 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 16 QAM | 1@214 | 22.05 | 21.47 | 0.1403 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 64 QAM | 108@54 | 20.62 | 20.04 | 0.1009 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 64 QAM | 1@1 | 20.94 | 20.36 | 0.1086 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 64 QAM | 1@214 | 20.78 | 20.2 | 0.1047 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 256 QAM | 108@54 | 18.62 | 18.04 | 0.0637 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 256 QAM | 1@1 | 18.05 | 17.47 | 0.0558 |
| 7 | 15 | 40 | 507000 | 2535 | DFT-s-OFDM 256 QAM | 1@214 | 17.99 | 17.41 | 0.0551 |
| 7 | 15 | 40 | 507000 | 2535 | CP-OFDM QPSK | 108@54 | 21.66 | 21.08 | 0.1282 |
| 7 | 15 | 40 | 507000 | 2535 | CP-OFDM QPSK | 1@1 | 21.76 | 21.18 | 0.1312 |
| 7 | 15 | 40 | 507000 | 2535 | CP-OFDM QPSK | 1@214 | 21.62 | 21.04 | 0.1271 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.11 | 22.53 | 0.1791 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.29 | 22.71 | 0.1866 |

| | | | | | | | | | |
|---|----|----|--------|------|-------------------------|--------|-------|-------|--------|
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM PI/2 BPSK | 1@214 | 23.16 | 22.58 | 0.1811 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM QPSK | 108@54 | 23.12 | 22.54 | 0.1795 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM QPSK | 1@1 | 23.31 | 22.73 | 0.1875 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM QPSK | 1@214 | 23.16 | 22.58 | 0.1811 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 16 QAM | 108@54 | 22.11 | 21.53 | 0.1422 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 16 QAM | 1@1 | 22.25 | 21.67 | 0.1469 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 16 QAM | 1@214 | 22.16 | 21.58 | 0.1439 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 64 QAM | 108@54 | 20.59 | 20.01 | 0.1002 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 64 QAM | 1@1 | 20.99 | 20.41 | 0.1099 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 64 QAM | 1@214 | 20.93 | 20.35 | 0.1084 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 256 QAM | 108@54 | 18.54 | 17.96 | 0.0625 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 256 QAM | 1@1 | 18.18 | 17.6 | 0.0575 |
| 7 | 15 | 40 | 510000 | 2550 | DFT-s-OFDM 256 QAM | 1@214 | 18.13 | 17.55 | 0.0569 |
| 7 | 15 | 40 | 510000 | 2550 | CP-OFDM QPSK | 108@54 | 21.62 | 21.04 | 0.1271 |
| 7 | 15 | 40 | 510000 | 2550 | CP-OFDM QPSK | 1@1 | 21.76 | 21.18 | 0.1312 |
| 7 | 15 | 40 | 510000 | 2550 | CP-OFDM QPSK | 1@214 | 21.73 | 21.15 | 0.1303 |

Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------------|-------------|-------------|
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0000 | PASS | NV |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0015 | PASS | LV |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0007 | PASS | HV |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0013 | PASS | -30°C |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0000 | PASS | -20°C |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0028 | PASS | -10°C |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0020 | PASS | 0°C |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0002 | PASS | 10°C |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0000 | PASS | 20°C |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0004 | PASS | 30°C |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0003 | PASS | 40°C |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 0.0013 | PASS | 50°C |

Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|-------|-------------|------------|---------|
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 3.8 | 13 | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.12 | 13 | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM QPSK | 100@0 | 4.9 | 13 | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM QPSK | 1@0 | 4.48 | 13 | PASS |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 3.8 | 13 | PASS |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.05 | 13 | PASS |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 4.84 | 13 | PASS |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | 4.81 | 13 | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 3.96 | 13 | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.33 | 13 | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM QPSK | 100@0 | 5.08 | 13 | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM QPSK | 1@0 | 4.94 | 13 | PASS |

B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



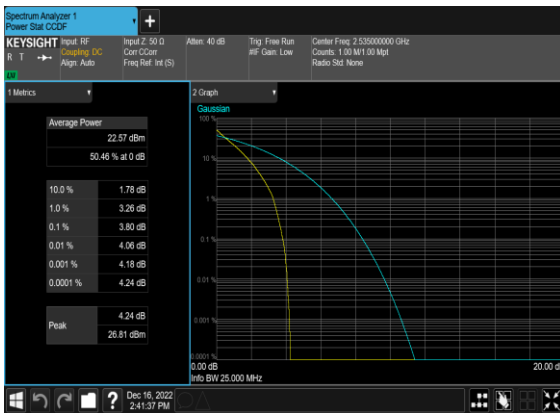
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B2_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B2_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B2_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B2_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B2_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

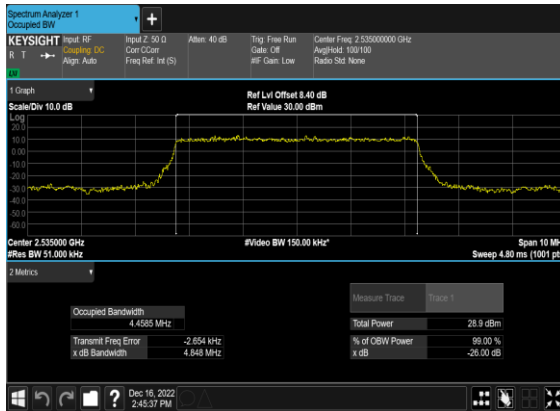


Occupied Bandwidth

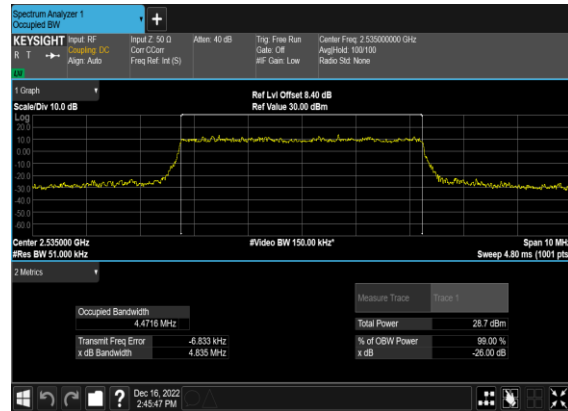
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|----------------------|-------|-----------|---------------|
| 7 | 15 | 5 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 25@0 | 4.4585 | 4.848 |
| 7 | 15 | 5 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 25@0 | 4.4716 | 4.835 |
| 7 | 15 | 5 | 507000 | 2535.0 | CP-OFDM QPSK | 25@0 | 4.4712 | 4.965 |
| 7 | 15 | 5 | 507000 | 2535.0 | CP-OFDM 16 QAM | 25@0 | 4.4785 | 4.962 |
| 7 | 15 | 5 | 507000 | 2535.0 | CP-OFDM 64 QAM | 25@0 | 4.4804 | 4.955 |
| 7 | 15 | 5 | 507000 | 2535.0 | CP-OFDM 256 QAM | 25@0 | 4.4602 | 4.833 |
| 7 | 15 | 10 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 50@0 | 8.8896 | 9.49 |
| 7 | 15 | 10 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 50@0 | 8.8996 | 9.476 |
| 7 | 15 | 10 | 507000 | 2535.0 | CP-OFDM QPSK | 52@0 | 9.2927 | 9.893 |
| 7 | 15 | 10 | 507000 | 2535.0 | CP-OFDM 16 QAM | 52@0 | 9.281 | 9.849 |
| 7 | 15 | 10 | 507000 | 2535.0 | CP-OFDM 64 QAM | 52@0 | 9.2593 | 9.836 |
| 7 | 15 | 10 | 507000 | 2535.0 | CP-OFDM 256 QAM | 52@0 | 9.3038 | 9.861 |
| 7 | 15 | 15 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 75@0 | 13.378 | 14.05 |
| 7 | 15 | 15 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 75@0 | 13.379 | 14.06 |
| 7 | 15 | 15 | 507000 | 2535.0 | CP-OFDM QPSK | 79@0 | 14.097 | 14.81 |
| 7 | 15 | 15 | 507000 | 2535.0 | CP-OFDM 16 QAM | 79@0 | 14.1 | 14.88 |
| 7 | 15 | 15 | 507000 | 2535.0 | CP-OFDM 64 QAM | 79@0 | 14.101 | 14.72 |
| 7 | 15 | 15 | 507000 | 2535.0 | CP-OFDM 256 QAM | 79@0 | 14.091 | 14.76 |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 17.877 | 18.67 |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 100@0 | 17.87 | 18.52 |
| 7 | 15 | 20 | 507000 | 2535.0 | CP-OFDM QPSK | 106@0 | 18.887 | 20.24 |
| 7 | 15 | 20 | 507000 | 2535.0 | CP-OFDM 16 QAM | 106@0 | 18.955 | 19.65 |
| 7 | 15 | 20 | 507000 | 2535.0 | CP-OFDM 64 QAM | 106@0 | 18.94 | 19.75 |
| 7 | 15 | 20 | 507000 | 2535.0 | CP-OFDM 256 QAM | 106@0 | 18.963 | 19.75 |

| | | | | | | | | |
|---|----|----|--------|--------|----------------------|-------|--------|-------|
| 7 | 15 | 25 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 128@0 | 22.891 | 23.75 |
| 7 | 15 | 25 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 128@0 | 22.847 | 23.72 |
| 7 | 15 | 25 | 507000 | 2535.0 | CP-OFDM QPSK | 133@0 | 23.692 | 24.65 |
| 7 | 15 | 25 | 507000 | 2535.0 | CP-OFDM 16 QAM | 133@0 | 23.702 | 24.57 |
| 7 | 15 | 25 | 507000 | 2535.0 | CP-OFDM 64 QAM | 133@0 | 23.694 | 24.63 |
| 7 | 15 | 25 | 507000 | 2535.0 | CP-OFDM 256 QAM | 133@0 | 23.742 | 24.64 |
| 7 | 15 | 30 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 160@0 | 28.562 | 29.47 |
| 7 | 15 | 30 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 160@0 | 28.607 | 29.64 |
| 7 | 15 | 30 | 507000 | 2535.0 | CP-OFDM QPSK | 160@0 | 28.527 | 29.54 |
| 7 | 15 | 30 | 507000 | 2535.0 | CP-OFDM 16 QAM | 160@0 | 28.565 | 29.62 |
| 7 | 15 | 30 | 507000 | 2535.0 | CP-OFDM 64 QAM | 160@0 | 28.542 | 29.53 |
| 7 | 15 | 30 | 507000 | 2535.0 | CP-OFDM 256 QAM | 160@0 | 28.51 | 29.69 |
| 7 | 15 | 40 | 507000 | 2535.0 | DFT-s-OFDM PI/2 BPSK | 216@0 | 38.471 | 39.86 |
| 7 | 15 | 40 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 216@0 | 38.495 | 39.93 |
| 7 | 15 | 40 | 507000 | 2535.0 | CP-OFDM QPSK | 216@0 | 38.502 | 39.82 |
| 7 | 15 | 40 | 507000 | 2535.0 | CP-OFDM 16 QAM | 216@0 | 38.466 | 39.81 |
| 7 | 15 | 40 | 507000 | 2535.0 | CP-OFDM 64 QAM | 216@0 | 38.519 | 39.82 |
| 7 | 15 | 40 | 507000 | 2535.0 | CP-OFDM 256 QAM | 216@0 | 38.47 | 39.87 |

B2_N7(5M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



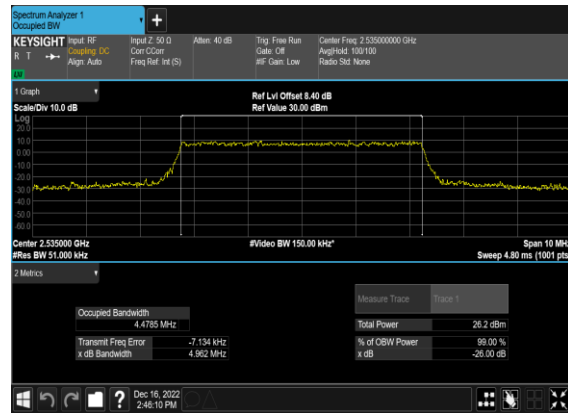
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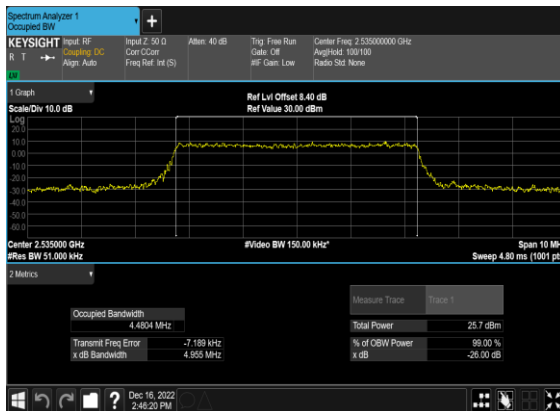
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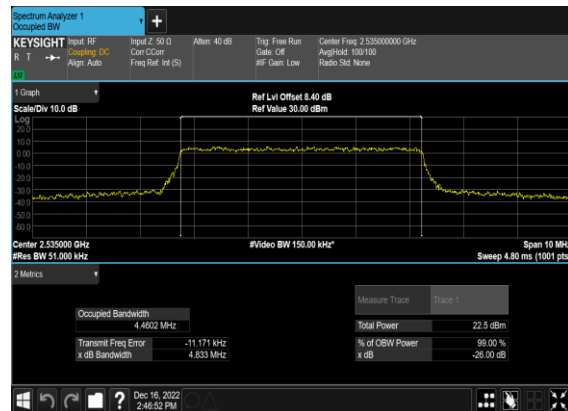
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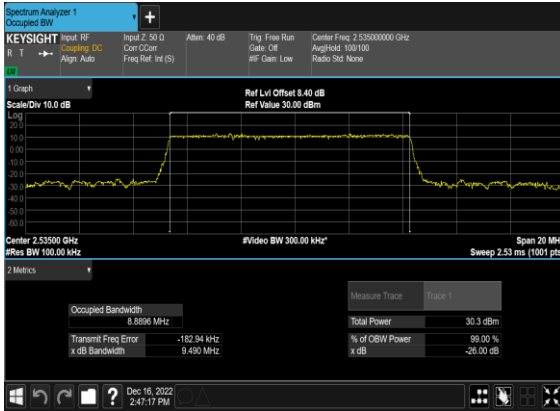
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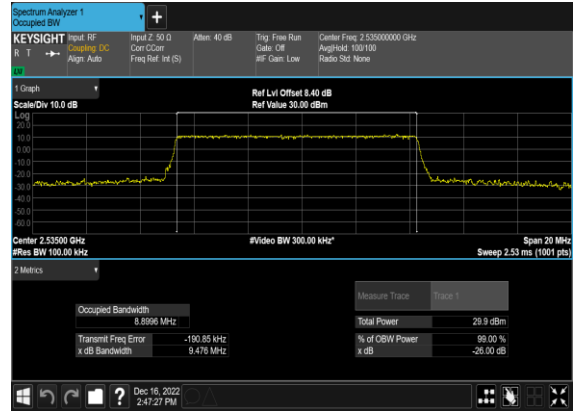
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B2_N7(10M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



B2_N7(10M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



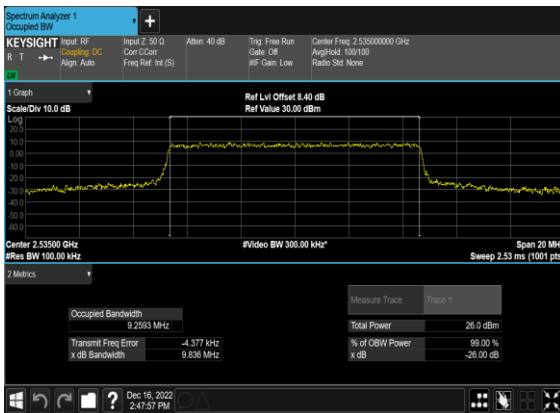
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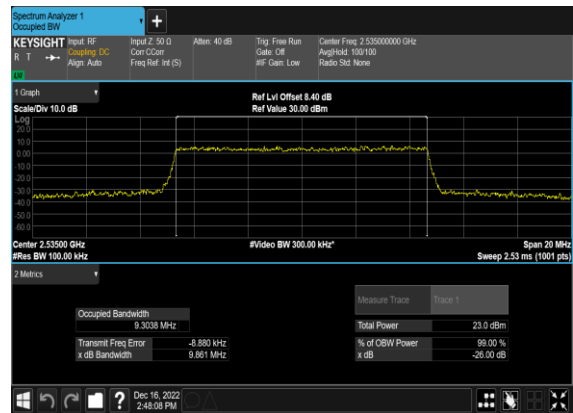
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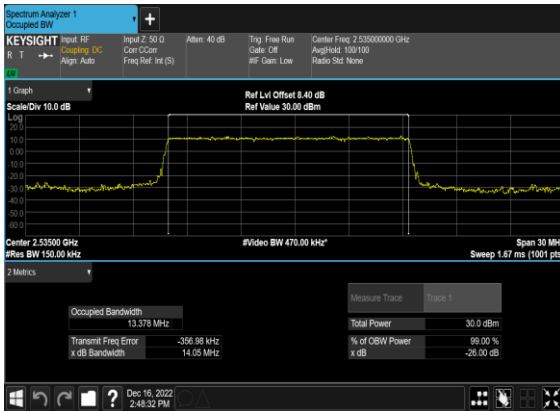
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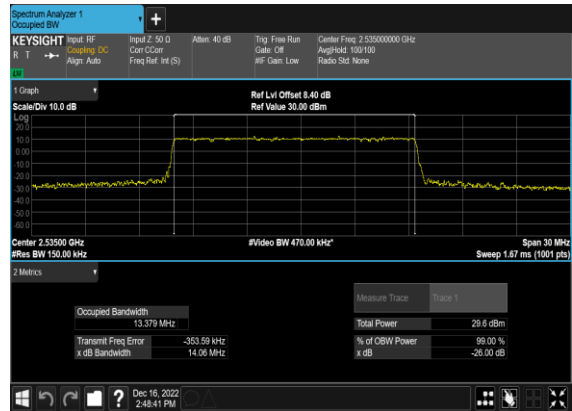
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B2_N7(15M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



B2_N7(15M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



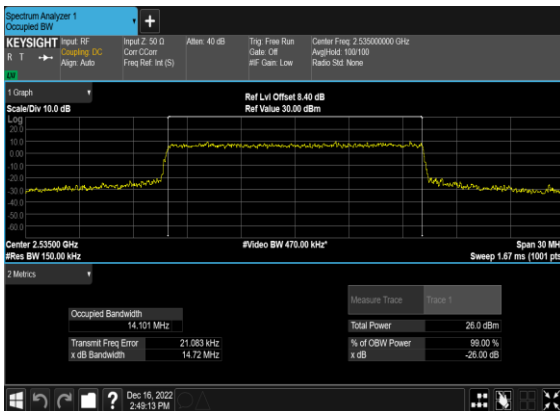
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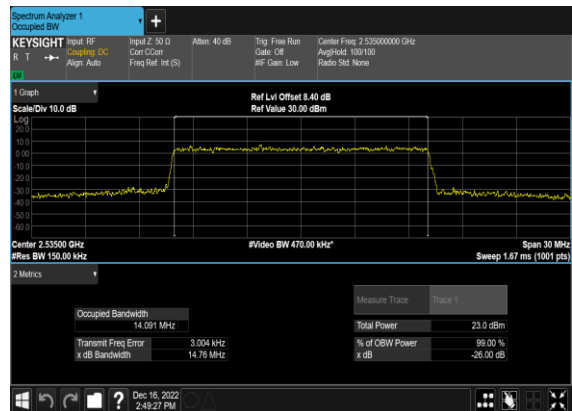
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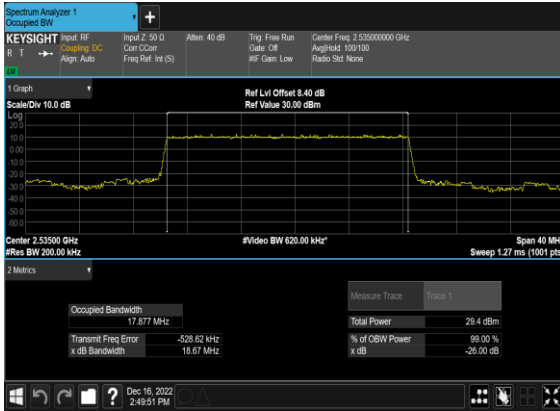
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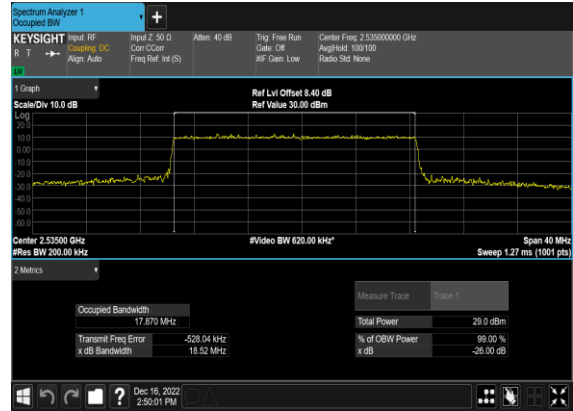
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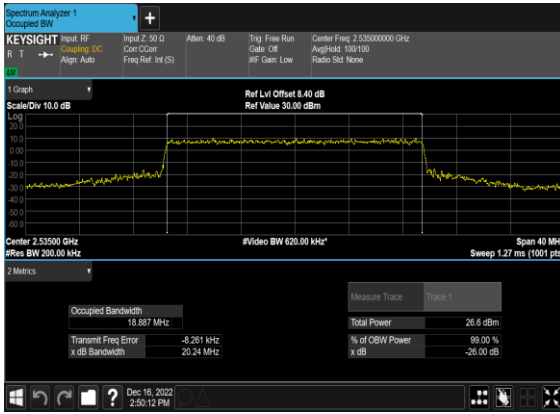
B2_N7(20M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



B2_N7(20M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



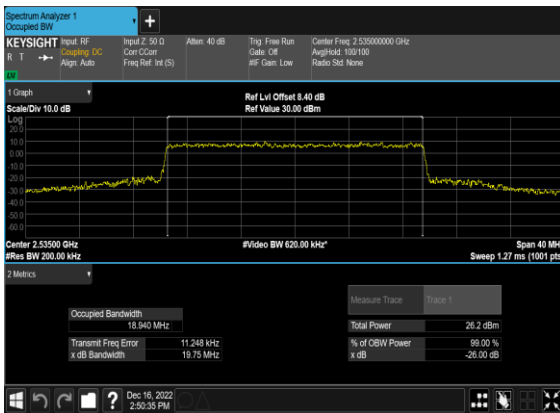
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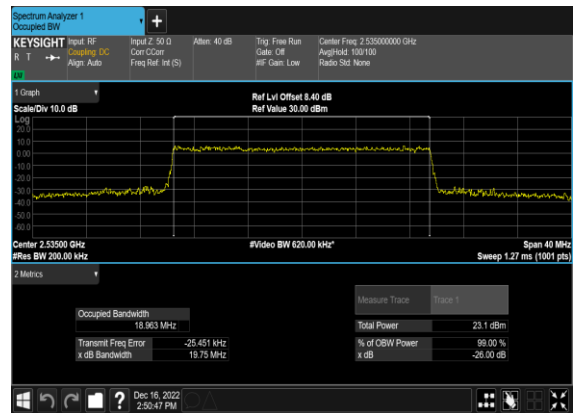
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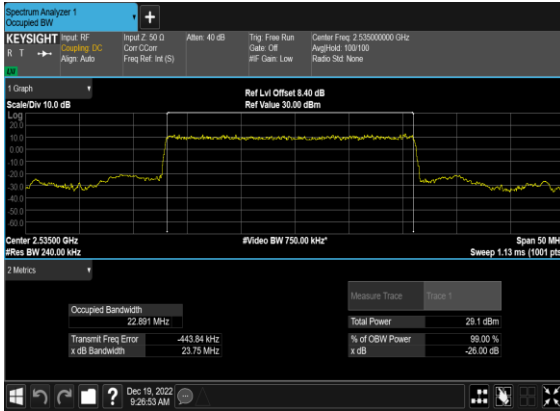
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B2_N7(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



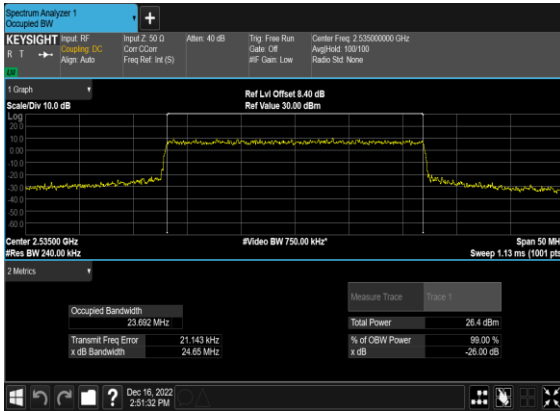
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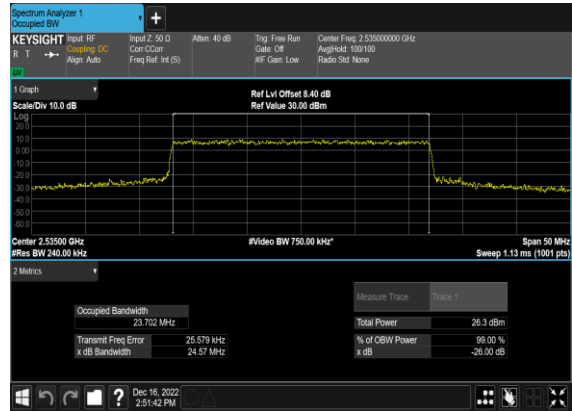
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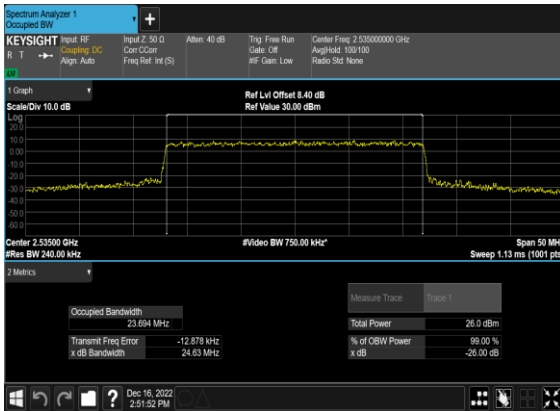
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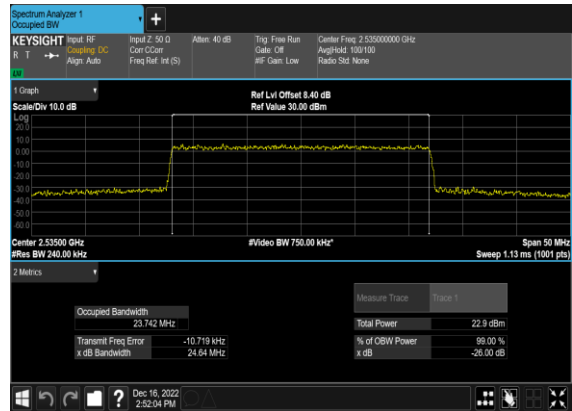
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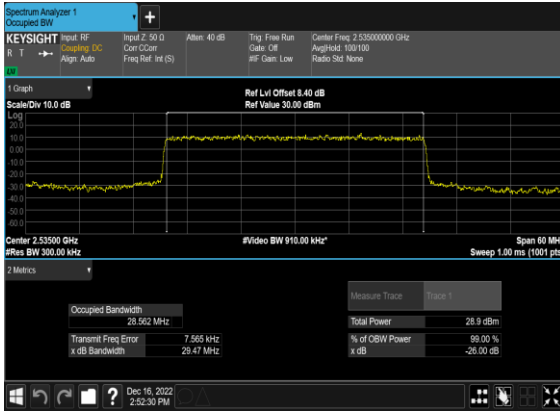
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B2_N7(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B2_N7(30M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



B2_N7(30M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



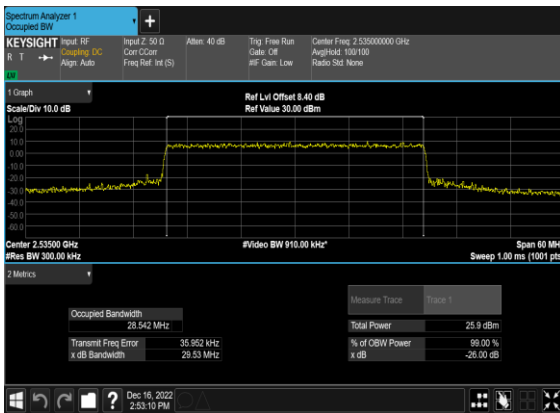
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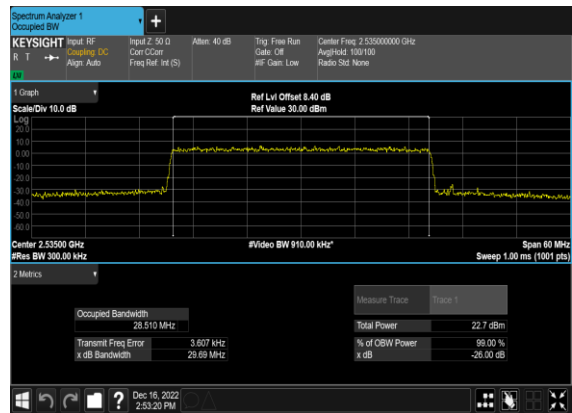
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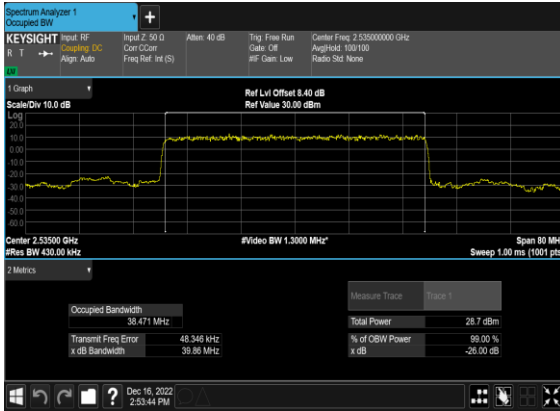
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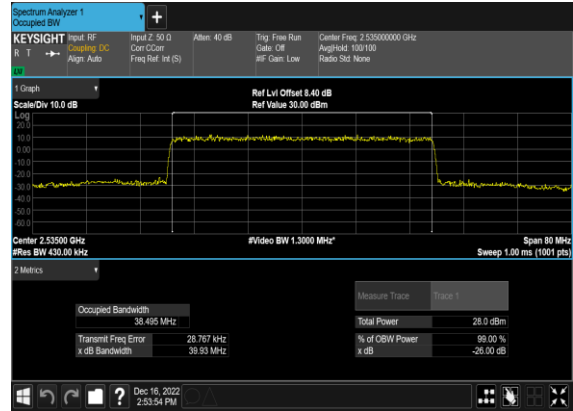
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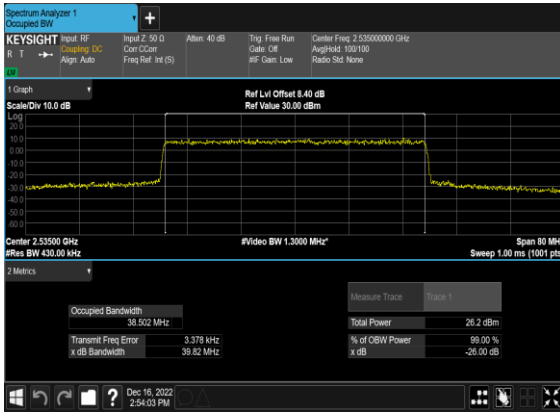
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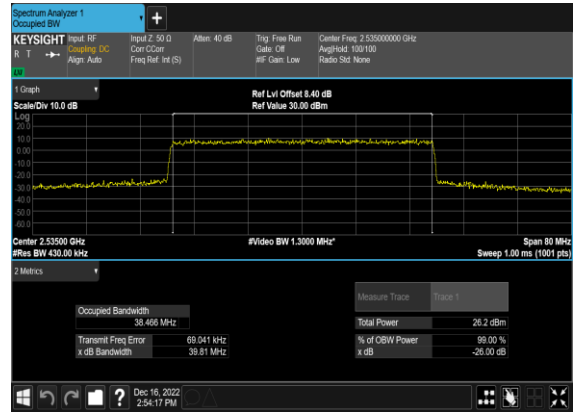
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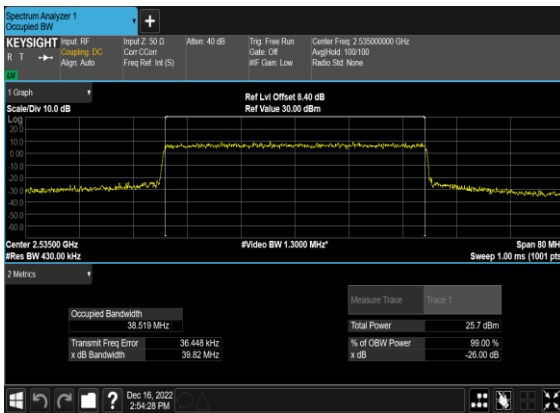
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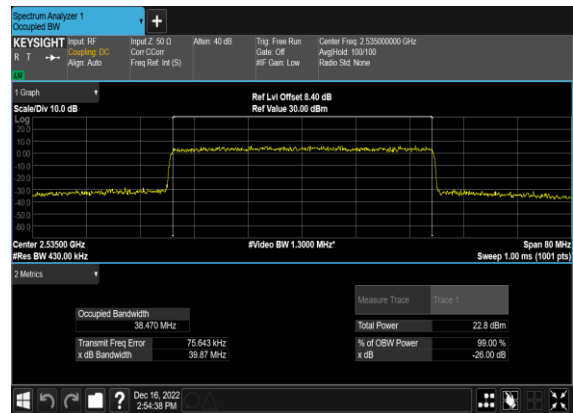
B2_N7(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B2_N7(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B2_N7(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



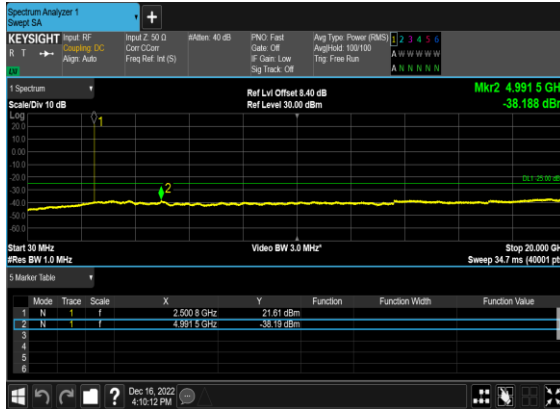
Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|--------------------|-----|-----------|-------------|
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 500500 | 2502.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 5 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 7 | 15 | 5 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 5 | 513500 | 2567.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |

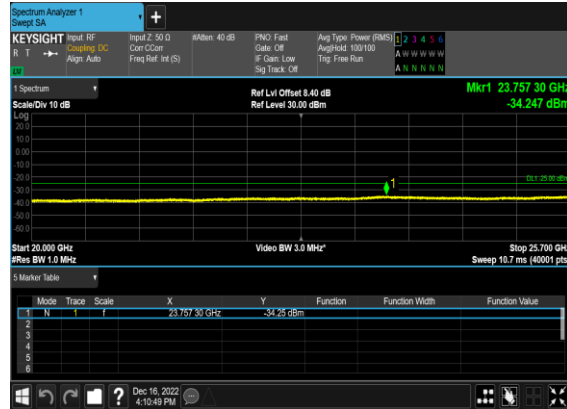
| | | | | | | | | |
|---|----|----|--------|--------|-----------------|-----|-----------|-------------|
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 502000 | 2510.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 20 | 512000 | 2560.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 504000 | 2520.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 40 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 507000 | 2535.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |

| | | | | | | | | |
|---|----|----|--------|--------|-----------------|-----|-----------|-------------|
| 7 | 15 | 40 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 507000 | 2535.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 7 | 15 | 40 | 510000 | 2550.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |

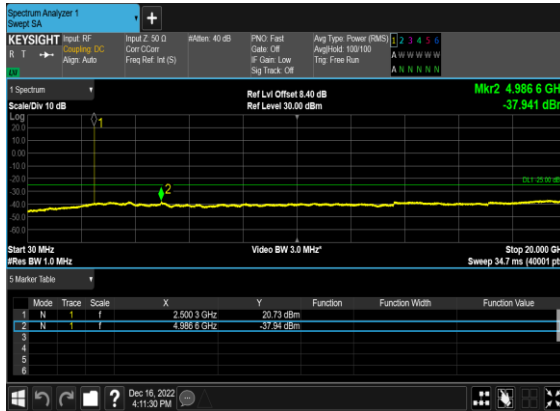
B2_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



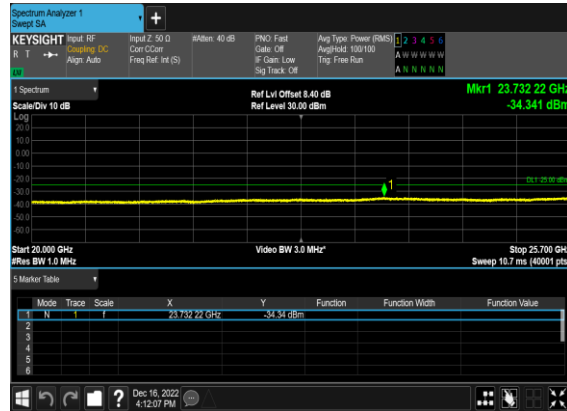
B2_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



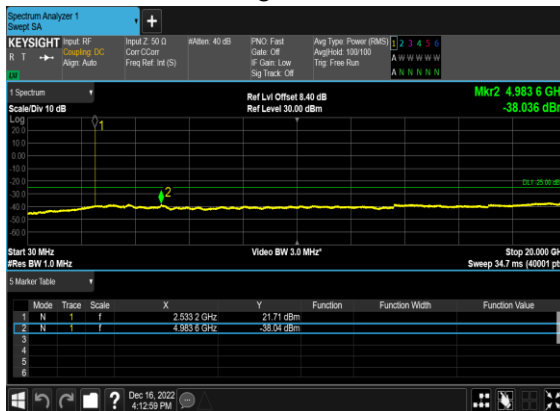
B2_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

