



Software Version: 23.06.1602

# FR1 N41

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)=-0.44dB

| NR Band | SCS | Bandwidth | Arfcn  | Freq(M Hz) | Modulation        | RB    | Conducted Power(dBm) | EIRP(dBm) | EIRP(W) |
|---------|-----|-----------|--------|------------|-------------------|-------|----------------------|-----------|---------|
| 41      | 30  | 20        | 501204 | 2506.02    | DFT-s-OFDM QPSK   | 25@12 | 25.23                | 24.79     | 0.3013  |
| 41      | 30  | 20        | 501204 | 2506.02    | DFT-s-OFDM QPSK   | 1@1   | 24.94                | 24.5      | 0.2818  |
| 41      | 30  | 20        | 501204 | 2506.02    | DFT-s-OFDM QPSK   | 1@49  | 24.75                | 24.31     | 0.2698  |
| 41      | 30  | 20        | 501204 | 2506.02    | DFT-s-OFDM 16 QAM | 25@12 | 24.24                | 23.8      | 0.2399  |
| 41      | 30  | 20        | 501204 | 2506.02    | DFT-s-OFDM 16 QAM | 1@1   | 24.13                | 23.69     | 0.2339  |
| 41      | 30  | 20        | 501204 | 2506.02    | DFT-s-OFDM 16 QAM | 1@49  | 23.87                | 23.43     | 0.2203  |
| 41      | 30  | 20        | 518598 | 2592.99    | DFT-s-OFDM QPSK   | 25@12 | 24.21                | 23.77     | 0.2382  |
| 41      | 30  | 20        | 518598 | 2592.99    | DFT-s-OFDM QPSK   | 1@1   | 24.2                 | 23.76     | 0.2377  |
| 41      | 30  | 20        | 518598 | 2592.99    | DFT-s-OFDM QPSK   | 1@49  | 24.2                 | 23.76     | 0.2377  |
| 41      | 30  | 20        | 518598 | 2592.99    | DFT-s-OFDM 16 QAM | 25@12 | 23.17                | 22.73     | 0.1875  |
| 41      | 30  | 20        | 518598 | 2592.99    | DFT-s-OFDM 16 QAM | 1@1   | 23.31                | 22.87     | 0.1936  |
| 41      | 30  | 20        | 518598 | 2592.99    | DFT-s-OFDM 16 QAM | 1@49  | 23.26                | 22.82     | 0.1914  |
| 41      | 30  | 20        | 535998 | 2679.99    | DFT-s-OFDM QPSK   | 25@12 | 24.76                | 24.32     | 0.2704  |
| 41      | 30  | 20        | 535998 | 2679.99    | DFT-s-OFDM QPSK   | 1@1   | 24.56                | 24.12     | 0.2582  |
| 41      | 30  | 20        | 535998 | 2679.99    | DFT-s-OFDM QPSK   | 1@49  | 24.62                | 24.18     | 0.2618  |
| 41      | 30  | 20        | 535998 | 2679.99    | DFT-s-OFDM 16 QAM | 25@12 | 23.8                 | 23.36     | 0.2168  |
| 41      | 30  | 20        | 535998 | 2679.99    | DFT-s-OFDM 16 QAM | 1@1   | 23.62                | 23.18     | 0.2080  |
| 41      | 30  | 20        | 535998 | 2679.99    | DFT-s-OFDM 16 QAM | 1@49  | 23.72                | 23.28     | 0.2128  |
| 41      | 30  | 30        | 502200 | 2511       | DFT-s-OFDM QPSK   | 36@18 | 25.11                | 24.67     | 0.2931  |
| 41      | 30  | 30        | 502200 | 2511       | DFT-s-OFDM QPSK   | 1@1   | 25.69                | 25.25     | 0.3350  |
| 41      | 30  | 30        | 502200 | 2511       | DFT-s-OFDM QPSK   | 1@76  | 24.34                | 23.9      | 0.2455  |
| 41      | 30  | 30        | 502200 | 2511       | DFT-s-OFDM 16 QAM | 36@18 | 24.1                 | 23.66     | 0.2323  |
| 41      | 30  | 30        | 502200 | 2511       | DFT-s-OFDM 16 QAM | 1@1   | 24.16                | 23.72     | 0.2355  |
| 41      | 30  | 30        | 502200 | 2511       | DFT-s-OFDM 16 QAM | 1@76  | 23.53                | 23.09     | 0.2037  |
| 41      | 30  | 30        | 518598 | 2592.99    | DFT-s-OFDM QPSK   | 36@18 | 24.17                | 23.73     | 0.2360  |
| 41      | 30  | 30        | 518598 | 2592.99    | DFT-s-OFDM        | 1@1   | 24.46                | 24.02     | 0.2523  |



|    |    |    |        |         |                      |       |       |       |        |
|----|----|----|--------|---------|----------------------|-------|-------|-------|--------|
|    |    |    |        |         | QPSK                 |       |       |       |        |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@76  | 24.4  | 23.96 | 0.2489 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 36@18 | 23.17 | 22.73 | 0.1875 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 23.56 | 23.12 | 0.2051 |
| 41 | 30 | 30 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@76  | 23.55 | 23.11 | 0.2046 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM<br>QPSK   | 36@18 | 24.66 | 24.22 | 0.2642 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM<br>QPSK   | 1@1   | 24.34 | 23.9  | 0.2455 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM<br>QPSK   | 1@76  | 24.62 | 24.18 | 0.2618 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM 16<br>QAM | 36@18 | 23.66 | 23.22 | 0.2099 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM 16<br>QAM | 1@1   | 23.44 | 23    | 0.1995 |
| 41 | 30 | 30 | 534996 | 2674.98 | DFT-s-OFDM 16<br>QAM | 1@76  | 23.69 | 23.25 | 0.2113 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM<br>QPSK   | 50@25 | 24.96 | 24.52 | 0.2831 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM<br>QPSK   | 1@1   | 25.08 | 24.64 | 0.2911 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM<br>QPSK   | 1@104 | 24.2  | 23.76 | 0.2377 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM 16<br>QAM | 50@25 | 23.97 | 23.53 | 0.2254 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM 16<br>QAM | 1@1   | 24.19 | 23.75 | 0.2371 |
| 41 | 30 | 40 | 503202 | 2516.01 | DFT-s-OFDM 16<br>QAM | 1@104 | 23.25 | 22.81 | 0.1910 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 50@25 | 24.22 | 23.78 | 0.2388 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 24.71 | 24.27 | 0.2673 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@104 | 24.69 | 24.25 | 0.2661 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 50@25 | 23.24 | 22.8  | 0.1905 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 23.76 | 23.32 | 0.2148 |
| 41 | 30 | 40 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@104 | 23.78 | 23.34 | 0.2158 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM<br>QPSK   | 50@25 | 24.65 | 24.21 | 0.2636 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM<br>QPSK   | 1@1   | 24.18 | 23.74 | 0.2366 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM<br>QPSK   | 1@104 | 24.71 | 24.27 | 0.2673 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM 16<br>QAM | 50@25 | 23.67 | 23.23 | 0.2104 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM 16<br>QAM | 1@1   | 23.26 | 22.82 | 0.1914 |
| 41 | 30 | 40 | 534000 | 2670    | DFT-s-OFDM 16<br>QAM | 1@104 | 23.82 | 23.38 | 0.2178 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM<br>QPSK   | 64@32 | 24.83 | 24.39 | 0.2748 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM<br>QPSK   | 1@1   | 25.03 | 24.59 | 0.2877 |



|    |    |    |        |         |                      |       |       |       |        |
|----|----|----|--------|---------|----------------------|-------|-------|-------|--------|
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM<br>QPSK   | 1@131 | 24.41 | 23.97 | 0.2495 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM 16<br>QAM | 64@32 | 23.76 | 23.32 | 0.2148 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM 16<br>QAM | 1@1   | 24.16 | 23.72 | 0.2355 |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM 16<br>QAM | 1@131 | 23.45 | 23.01 | 0.2000 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 64@32 | 24.28 | 23.84 | 0.2421 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 24.86 | 24.42 | 0.2767 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@131 | 24.83 | 24.39 | 0.2748 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 64@32 | 23.35 | 22.91 | 0.1954 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 23.94 | 23.5  | 0.2239 |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@131 | 23.95 | 23.51 | 0.2244 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM<br>QPSK   | 64@32 | 24.56 | 24.12 | 0.2582 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 24.16 | 23.72 | 0.2355 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM<br>QPSK   | 1@131 | 24.64 | 24.2  | 0.2630 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM 16<br>QAM | 64@32 | 23.55 | 23.11 | 0.2046 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 23.21 | 22.77 | 0.1892 |
| 41 | 30 | 50 | 532998 | 2664.99 | DFT-s-OFDM 16<br>QAM | 1@131 | 23.75 | 23.31 | 0.2143 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM<br>QPSK   | 81@40 | 24.58 | 24.14 | 0.2594 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM<br>QPSK   | 1@1   | 24.96 | 24.52 | 0.2831 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM<br>QPSK   | 1@160 | 24.78 | 24.34 | 0.2716 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM 16<br>QAM | 81@40 | 23.62 | 23.18 | 0.2080 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM 16<br>QAM | 1@1   | 24    | 23.56 | 0.2270 |
| 41 | 30 | 60 | 505200 | 2526    | DFT-s-OFDM 16<br>QAM | 1@160 | 23.94 | 23.5  | 0.2239 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 81@40 | 24.26 | 23.82 | 0.2410 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1   | 24.93 | 24.49 | 0.2812 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@160 | 24.81 | 24.37 | 0.2735 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 81@40 | 23.32 | 22.88 | 0.1941 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1   | 24.01 | 23.57 | 0.2275 |
| 41 | 30 | 60 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@160 | 23.96 | 23.52 | 0.2249 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM<br>QPSK   | 81@40 | 24.47 | 24.03 | 0.2529 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM<br>QPSK   | 1@1   | 24.33 | 23.89 | 0.2449 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM<br>QPSK   | 1@160 | 24.63 | 24.19 | 0.2624 |



|    |    |    |        |         |                      |        |       |       |        |
|----|----|----|--------|---------|----------------------|--------|-------|-------|--------|
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM 16<br>QAM | 81@40  | 23.51 | 23.07 | 0.2028 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM 16<br>QAM | 1@1    | 23.44 | 23    | 0.1995 |
| 41 | 30 | 60 | 531996 | 2659.98 | DFT-s-OFDM 16<br>QAM | 1@160  | 23.71 | 23.27 | 0.2123 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM<br>QPSK   | 90@45  | 24.59 | 24.15 | 0.2600 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM<br>QPSK   | 1@1    | 24.98 | 24.54 | 0.2844 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM<br>QPSK   | 1@187  | 24.9  | 24.46 | 0.2793 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM 16<br>QAM | 90@45  | 23.63 | 23.19 | 0.2084 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM 16<br>QAM | 1@1    | 24.05 | 23.61 | 0.2296 |
| 41 | 30 | 70 | 505200 | 2531.01 | DFT-s-OFDM 16<br>QAM | 1@187  | 24.05 | 23.61 | 0.2296 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 90@45  | 24.38 | 23.94 | 0.2477 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1    | 24.98 | 24.54 | 0.2844 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@187  | 24.76 | 24.32 | 0.2704 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 90@45  | 23.42 | 22.98 | 0.1986 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@1    | 23.97 | 23.53 | 0.2254 |
| 41 | 30 | 70 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 1@187  | 24    | 23.56 | 0.2270 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM<br>QPSK   | 90@45  | 24.59 | 24.15 | 0.2600 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM<br>QPSK   | 1@1    | 24.57 | 24.13 | 0.2588 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM<br>QPSK   | 1@187  | 24.7  | 24.26 | 0.2667 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM 16<br>QAM | 90@45  | 23.59 | 23.15 | 0.2065 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM 16<br>QAM | 1@1    | 23.67 | 23.23 | 0.2104 |
| 41 | 30 | 70 | 531996 | 2655    | DFT-s-OFDM 16<br>QAM | 1@187  | 23.78 | 23.34 | 0.2158 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM<br>QPSK   | 108@54 | 24.64 | 24.2  | 0.2630 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM<br>QPSK   | 1@1    | 25.01 | 24.57 | 0.2864 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM<br>QPSK   | 1@215  | 24.67 | 24.23 | 0.2649 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM 16<br>QAM | 108@54 | 23.68 | 23.24 | 0.2109 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM 16<br>QAM | 1@1    | 24.17 | 23.73 | 0.2360 |
| 41 | 30 | 80 | 507204 | 2536.02 | DFT-s-OFDM 16<br>QAM | 1@215  | 23.78 | 23.34 | 0.2158 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 108@54 | 24.43 | 23.99 | 0.2506 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@1    | 24.84 | 24.4  | 0.2754 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM<br>QPSK   | 1@215  | 24.7  | 24.26 | 0.2667 |
| 41 | 30 | 80 | 518598 | 2592.99 | DFT-s-OFDM 16<br>QAM | 108@54 | 23.49 | 23.05 | 0.2018 |



|    |    |     |        |         |                      |        |       |       |        |
|----|----|-----|--------|---------|----------------------|--------|-------|-------|--------|
| 41 | 30 | 80  | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@1    | 23.94 | 23.5  | 0.2239 |
| 41 | 30 | 80  | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@215  | 23.88 | 23.44 | 0.2208 |
| 41 | 30 | 80  | 529998 | 2649.99 | DFT-s-OFDM QPSK      | 108@54 | 24.62 | 24.18 | 0.2618 |
| 41 | 30 | 80  | 529998 | 2649.99 | DFT-s-OFDM QPSK      | 1@1    | 24.4  | 23.96 | 0.2489 |
| 41 | 30 | 80  | 529998 | 2649.99 | DFT-s-OFDM QPSK      | 1@215  | 24.73 | 24.29 | 0.2685 |
| 41 | 30 | 80  | 529998 | 2649.99 | DFT-s-OFDM 16 QAM    | 108@54 | 23.63 | 23.19 | 0.2084 |
| 41 | 30 | 80  | 529998 | 2649.99 | DFT-s-OFDM 16 QAM    | 1@1    | 23.57 | 23.13 | 0.2056 |
| 41 | 30 | 80  | 529998 | 2649.99 | DFT-s-OFDM 16 QAM    | 1@215  | 23.91 | 23.47 | 0.2223 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM QPSK      | 120@60 | 24.69 | 24.25 | 0.2661 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM QPSK      | 1@1    | 25.43 | 24.99 | 0.3155 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM QPSK      | 1@243  | 24.2  | 23.76 | 0.2377 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM 16 QAM    | 120@60 | 23.7  | 23.26 | 0.2118 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM 16 QAM    | 1@1    | 24.19 | 23.75 | 0.2371 |
| 41 | 30 | 90  | 508200 | 2541    | DFT-s-OFDM 16 QAM    | 1@243  | 23.25 | 22.81 | 0.1910 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 120@60 | 24.48 | 24.04 | 0.2535 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 1@1    | 24.82 | 24.38 | 0.2742 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 1@243  | 24.6  | 24.16 | 0.2606 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 120@60 | 23.54 | 23.1  | 0.2042 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@1    | 23.74 | 23.3  | 0.2138 |
| 41 | 30 | 90  | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@243  | 23.75 | 23.31 | 0.2143 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM QPSK      | 120@60 | 24.65 | 24.21 | 0.2636 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM QPSK      | 1@1    | 24.04 | 23.6  | 0.2291 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM QPSK      | 1@243  | 24.76 | 24.32 | 0.2704 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM 16 QAM    | 120@60 | 23.6  | 23.16 | 0.2070 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM 16 QAM    | 1@1    | 23.01 | 22.57 | 0.1807 |
| 41 | 30 | 90  | 528996 | 2644.98 | DFT-s-OFDM 16 QAM    | 1@243  | 23.85 | 23.41 | 0.2193 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM PI/2 BPSK | 135@67 | 25.22 | 24.78 | 0.3006 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM PI/2 BPSK | 1@1    | 25.7  | 25.26 | 0.3357 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM PI/2 BPSK | 1@271  | 24.66 | 24.22 | 0.2642 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK      | 135@67 | 25.29 | 24.85 | 0.3055 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK      | 1@1    | 25.56 | 25.12 | 0.3251 |



|    |    |     |        |         |                      |        |       |       |        |
|----|----|-----|--------|---------|----------------------|--------|-------|-------|--------|
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK      | 1@271  | 24.57 | 24.13 | 0.2588 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 16 QAM    | 135@67 | 24.33 | 23.89 | 0.2449 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 16 QAM    | 1@1    | 24.71 | 24.27 | 0.2673 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 16 QAM    | 1@271  | 23.74 | 23.3  | 0.2138 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 64 QAM    | 135@67 | 22.81 | 22.37 | 0.1726 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 64 QAM    | 1@1    | 23.25 | 22.81 | 0.1910 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 64 QAM    | 1@271  | 22.36 | 21.92 | 0.1556 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 256 QAM   | 135@67 | 20.89 | 20.45 | 0.1109 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 256 QAM   | 1@1    | 21.13 | 20.69 | 0.1172 |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM 256 QAM   | 1@271  | 20.07 | 19.63 | 0.0918 |
| 41 | 30 | 100 | 509202 | 2546.01 | CP-OFDM QPSK         | 137@68 | 23.7  | 23.26 | 0.2118 |
| 41 | 30 | 100 | 509202 | 2546.01 | CP-OFDM QPSK         | 1@1    | 24.45 | 24.01 | 0.2518 |
| 41 | 30 | 100 | 509202 | 2546.01 | CP-OFDM QPSK         | 1@271  | 23.78 | 23.34 | 0.2158 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM PI/2 BPSK | 135@67 | 24.99 | 24.55 | 0.2851 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM PI/2 BPSK | 1@1    | 25.01 | 24.57 | 0.2864 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM PI/2 BPSK | 1@271  | 25.18 | 24.74 | 0.2979 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 135@67 | 25.04 | 24.6  | 0.2884 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 1@1    | 24.94 | 24.5  | 0.2818 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK      | 1@271  | 25.06 | 24.62 | 0.2897 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 135@67 | 24.14 | 23.7  | 0.2344 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@1    | 23.98 | 23.54 | 0.2259 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 16 QAM    | 1@271  | 24.22 | 23.78 | 0.2388 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 64 QAM    | 135@67 | 22.65 | 22.21 | 0.1663 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 64 QAM    | 1@1    | 22.64 | 22.2  | 0.1660 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 64 QAM    | 1@271  | 22.77 | 22.33 | 0.1710 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 256 QAM   | 135@67 | 20.72 | 20.28 | 0.1067 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 256 QAM   | 1@1    | 20.41 | 19.97 | 0.0993 |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM 256 QAM   | 1@271  | 20.59 | 20.15 | 0.1035 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM QPSK         | 137@68 | 23.56 | 23.12 | 0.2051 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM QPSK         | 1@1    | 23.47 | 23.03 | 0.2009 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM QPSK         | 1@271  | 25.1  | 24.66 | 0.2924 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM PI/2 BPSK | 135@67 | 25.19 | 24.75 | 0.2985 |
| 41 | 30 | 100 | 528000 | 2640    | DFT-s-OFDM PI/2      | 1@1    | 24.44 | 24    | 0.2512 |



|    |    |     |        |      |                      |        |       |       |        |
|----|----|-----|--------|------|----------------------|--------|-------|-------|--------|
|    |    |     |        |      | BPSK                 |        |       |       |        |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM PI/2 BPSK | 1@271  | 25.36 | 24.92 | 0.3105 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM QPSK      | 135@67 | 25.19 | 24.75 | 0.2985 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM QPSK      | 1@1    | 24.37 | 23.93 | 0.2472 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM QPSK      | 1@271  | 25.3  | 24.86 | 0.3062 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 16 QAM    | 135@67 | 24.24 | 23.8  | 0.2399 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 16 QAM    | 1@1    | 23.43 | 22.99 | 0.1991 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 16 QAM    | 1@271  | 24.43 | 23.99 | 0.2506 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 64 QAM    | 135@67 | 22.82 | 22.38 | 0.1730 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 64 QAM    | 1@1    | 22.15 | 21.71 | 0.1483 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 64 QAM    | 1@271  | 23.22 | 22.78 | 0.1897 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 256 QAM   | 135@67 | 20.82 | 20.38 | 0.1091 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 256 QAM   | 1@1    | 19.89 | 19.45 | 0.0881 |
| 41 | 30 | 100 | 528000 | 2640 | DFT-s-OFDM 256 QAM   | 1@271  | 20.82 | 20.38 | 0.1091 |
| 41 | 30 | 100 | 528000 | 2640 | CP-OFDM QPSK         | 137@68 | 23.65 | 23.21 | 0.2094 |
| 41 | 30 | 100 | 528000 | 2640 | CP-OFDM QPSK         | 1@1    | 22.93 | 22.49 | 0.1774 |
| 41 | 30 | 100 | 528000 | 2640 | CP-OFDM QPSK         | 1@271  | 24.51 | 24.07 | 0.2553 |

## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Deviation (Hz) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|------|----------------|---------|-------------|
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | -16.3          | PASS    | NV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 19.1           | PASS    | LV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | -12.2          | PASS    | HV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | -18.6          | PASS    | -30°C       |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 16             | PASS    | -20°C       |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 17.4           | PASS    | -10°C       |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 11             | PASS    | 0°C         |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 12.9           | PASS    | 10°C        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | -16.3          | PASS    | 20°C        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | -10.9          | PASS    | 30°C        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 14.4           | PASS    | 40°C        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 11.9           | PASS    | 50°C        |

$|\text{MAX}(\Delta f)| = 19.1 \text{ Hz}$

| Frequency Stability            | Frequency (MHz) | Limit Line              | Result |
|--------------------------------|-----------------|-------------------------|--------|
| $f_L -  \text{MAX}(\Delta f) $ | 2496.8691809    | $\geq 2496 \text{ MHz}$ | PASS   |
| $f_H +  \text{MAX}(\Delta f) $ | 2689.7013191    | $\leq 2690 \text{ MHz}$ |        |

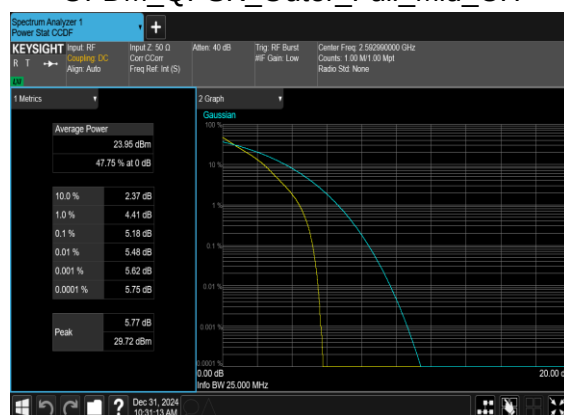
## Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB   | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|------|-------------|------------|---------|
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM PI/2 BPSK | 50@0 | 4.07        | 13         | PASS    |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK      | 50@0 | 5.18        | 13         | PASS    |

N41(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





## Occupied Bandwidth

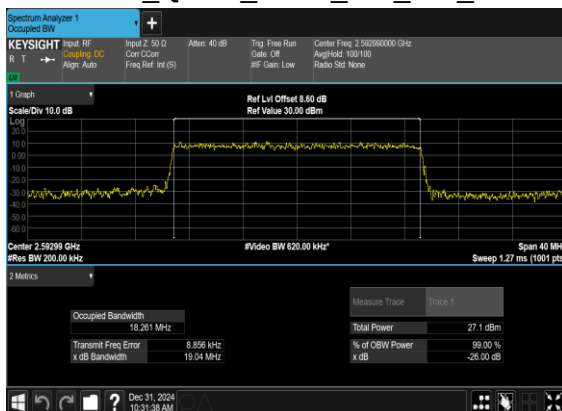
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM QPSK    | 51@0  | 18.261    | 19.04         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 51@0  | 18.201    | 19.02         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 51@0  | 18.184    | 18.9          |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 256 QAM | 51@0  | 18.183    | 19.1          |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM QPSK    | 78@0  | 27.807    | 28.77         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 78@0  | 27.838    | 29.05         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 78@0  | 27.864    | 29.04         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 256 QAM | 78@0  | 27.752    | 28.8          |
| 41      | 30        | 40              | 518598 | 2592.99    | CP-OFDM QPSK    | 106@0 | 37.82     | 39.35         |
| 41      | 30        | 40              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 106@0 | 37.796    | 39.47         |
| 41      | 30        | 40              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 106@0 | 37.963    | 39.15         |
| 41      | 30        | 40              | 518598 | 2592.99    | CP-OFDM 256 QAM | 106@0 | 37.788    | 39.23         |
| 41      | 30        | 50              | 518598 | 2592.99    | CP-OFDM QPSK    | 133@0 | 47.448    | 49.03         |
| 41      | 30        | 50              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 133@0 | 47.563    | 49.03         |
| 41      | 30        | 50              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 133@0 | 47.302    | 49.12         |
| 41      | 30        | 50              | 518598 | 2592.99    | CP-OFDM 256 QAM | 133@0 | 47.405    | 49.05         |
| 41      | 30        | 60              | 518598 | 2592.99    | CP-OFDM QPSK    | 162@0 | 57.653    | 59.71         |
| 41      | 30        | 60              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 162@0 | 57.738    | 59.66         |
| 41      | 30        | 60              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 162@0 | 57.772    | 59.65         |
| 41      | 30        | 60              | 518598 | 2592.99    | CP-OFDM 256 QAM | 162@0 | 57.772    | 59.65         |
| 41      | 30        | 70              | 518598 | 2592.99    | CP-OFDM QPSK    | 189@0 | 67.558    | 69.69         |
| 41      | 30        | 70              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 189@0 | 67.38     | 69.71         |



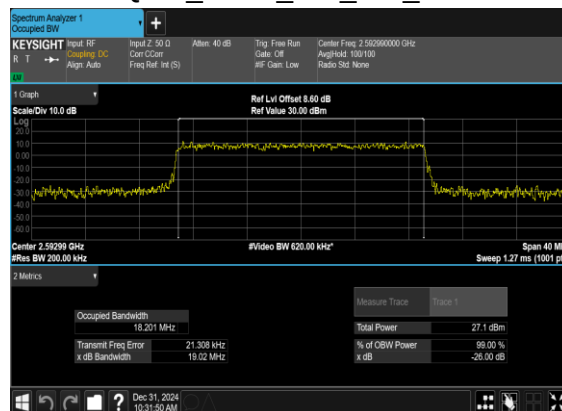
|    |    |     |        |         |                    |       |        |       |
|----|----|-----|--------|---------|--------------------|-------|--------|-------|
| 41 | 30 | 70  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 189@0 | 67.507 | 69.69 |
| 41 | 30 | 70  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 189@0 | 67.499 | 69.71 |
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 217@0 | 77.467 | 80.0  |
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 217@0 | 77.785 | 79.88 |
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 217@0 | 77.497 | 79.91 |
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 217@0 | 77.48  | 79.97 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 245@0 | 87.406 | 90.21 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 245@0 | 87.698 | 90.19 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 245@0 | 87.243 | 90.27 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 245@0 | 87.415 | 90.21 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 273@0 | 97.613 | 100.5 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 273@0 | 97.614 | 100.5 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 273@0 | 97.451 | 100.6 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 273@0 | 97.461 | 100.5 |



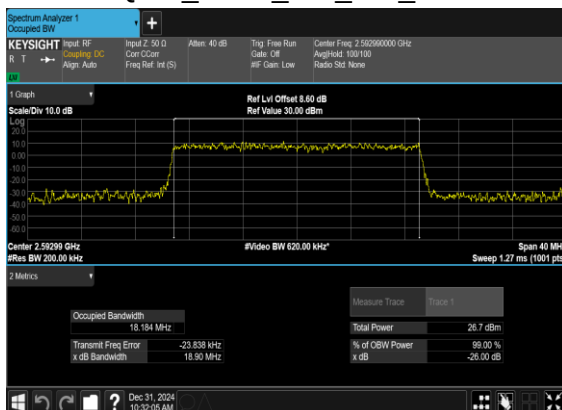
N41(20M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



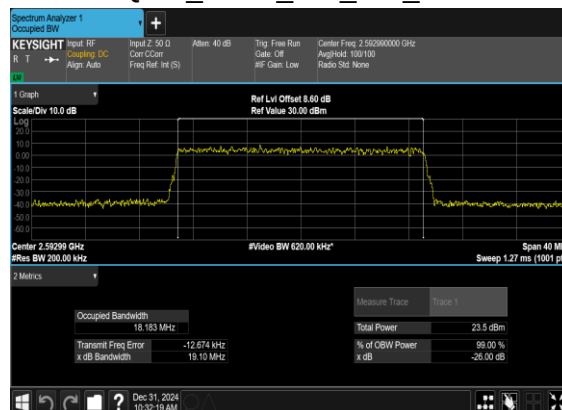
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QAM\_Outer\_Full\_Mid\_CH



N41(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

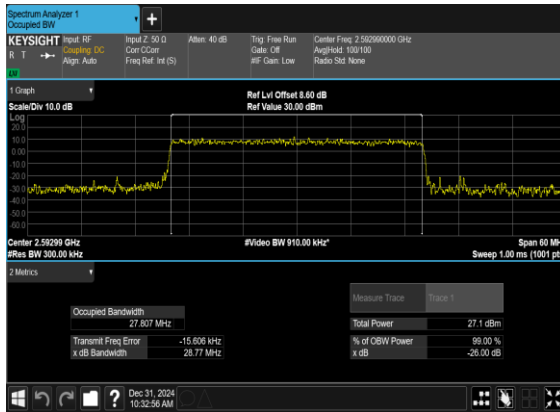


N41(20M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

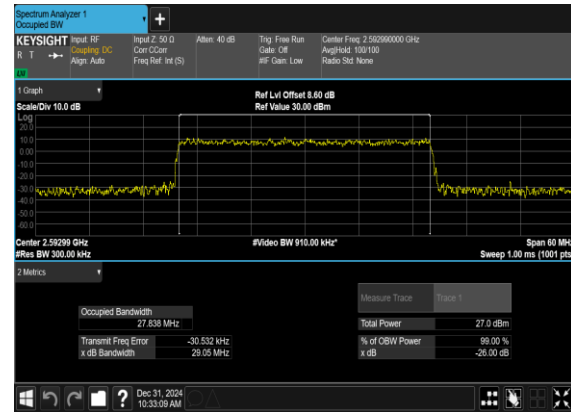




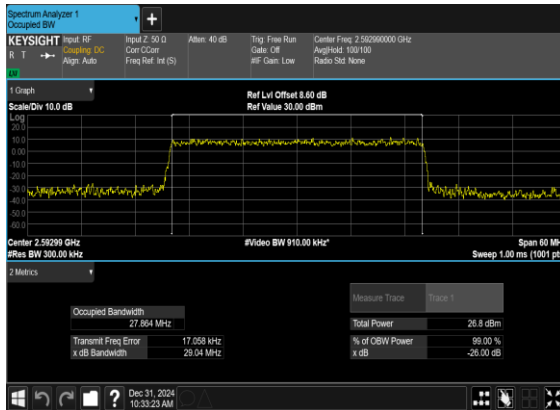
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



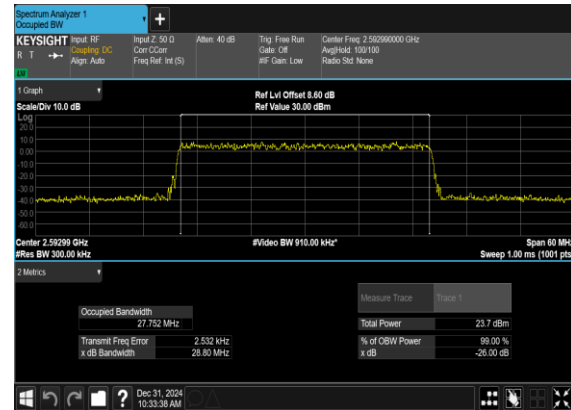
N41(30M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

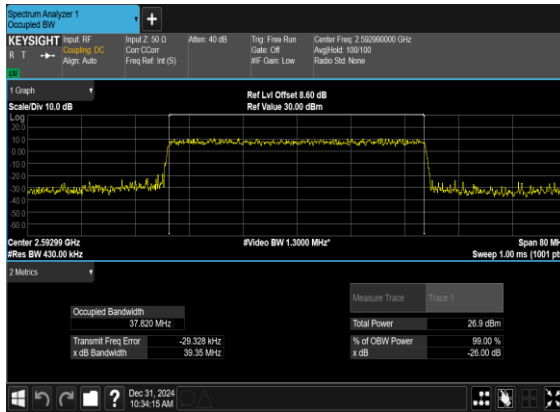


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QAM\_Outer\_Full\_Mid\_CH

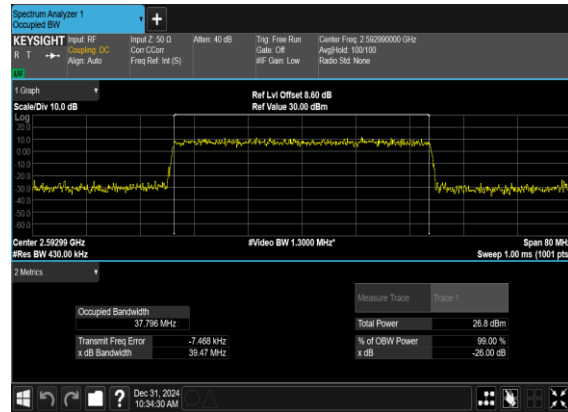




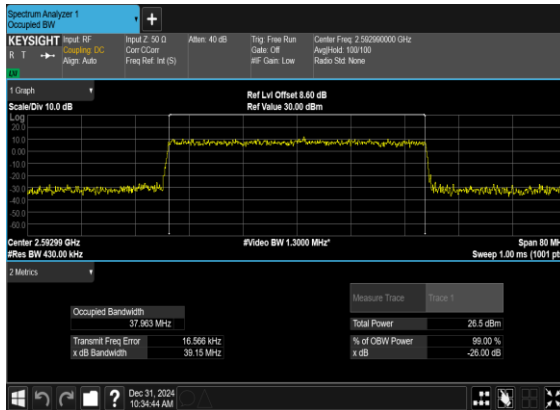
N41(40M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



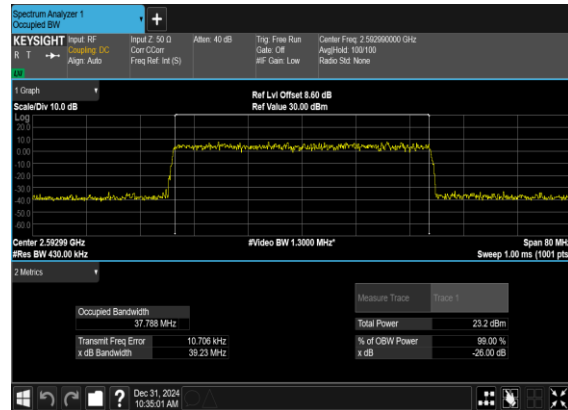
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QAM\_Outer\_Full\_Mid\_CH



N41(40M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

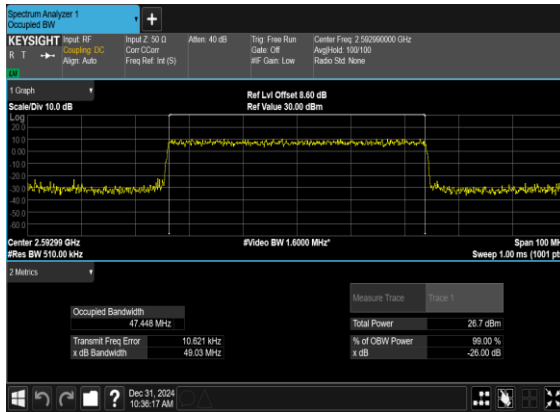


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QAM\_Outer\_Full\_Mid\_CH

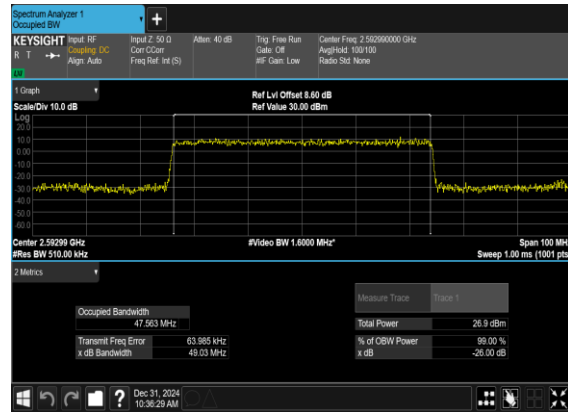




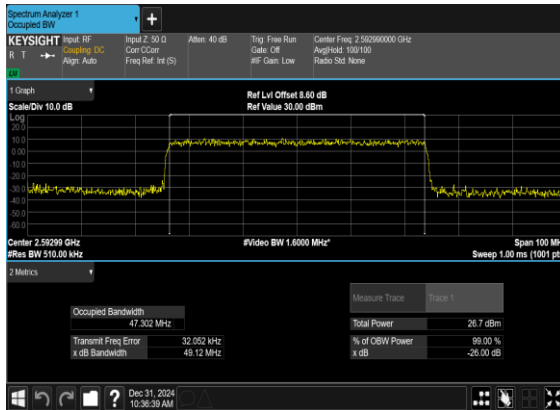
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



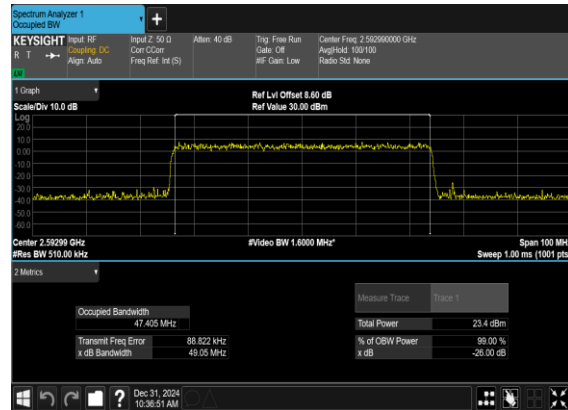
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QAM\_Outer\_Full\_Mid\_CH



N41(50M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

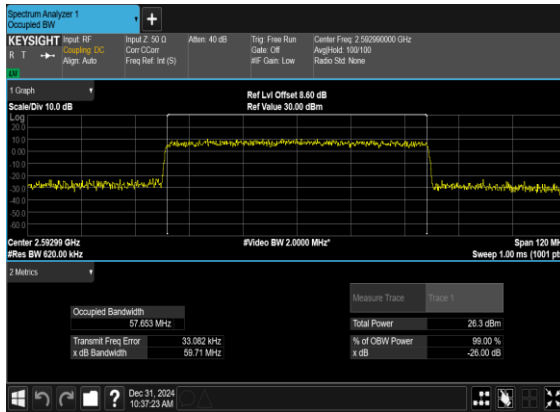


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QAM\_Outer\_Full\_Mid\_CH

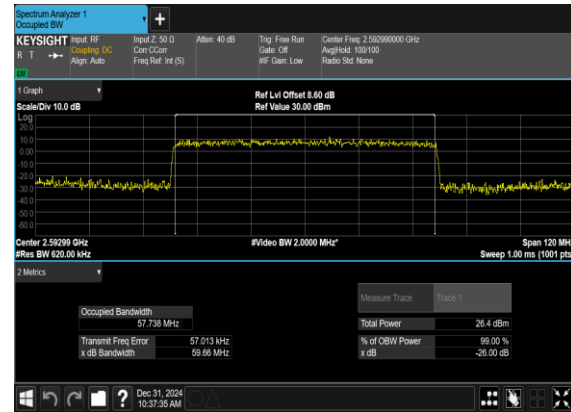




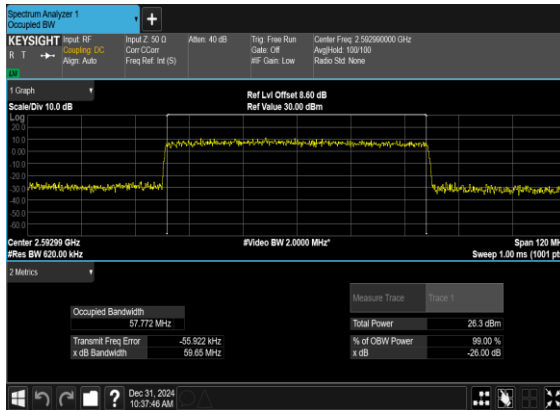
N41(60M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



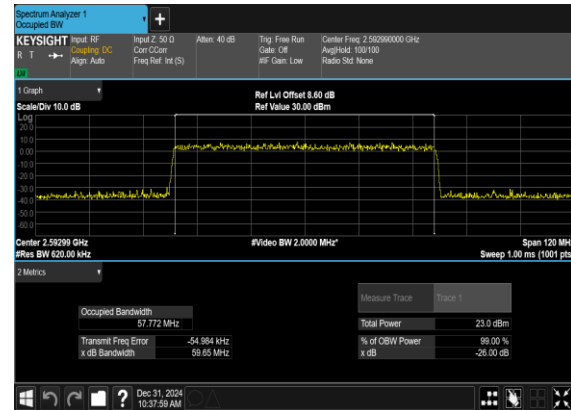
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QAM\_Outer\_Full\_Mid\_CH



N41(60M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

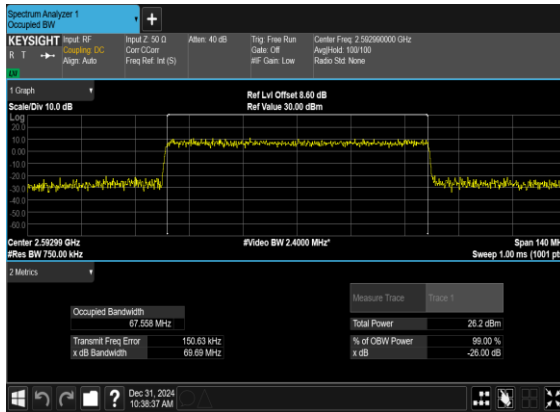


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QAM\_Outer\_Full\_Mid\_CH

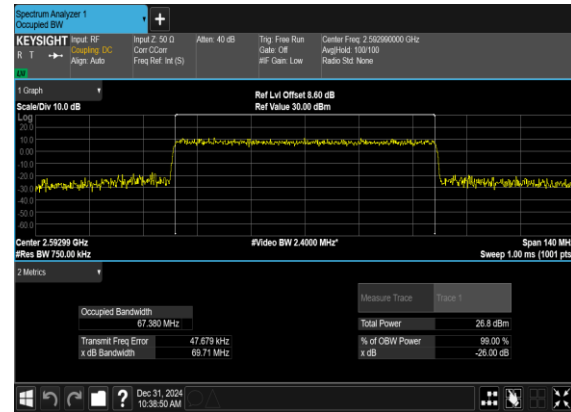




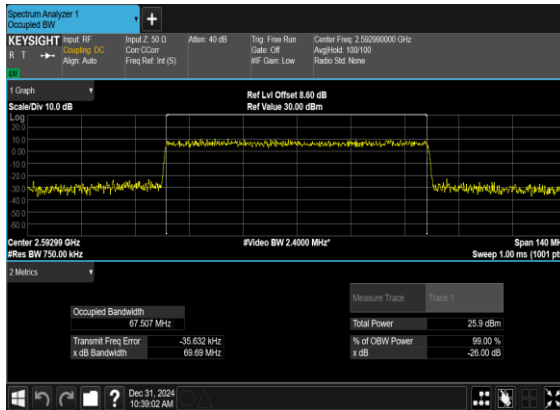
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



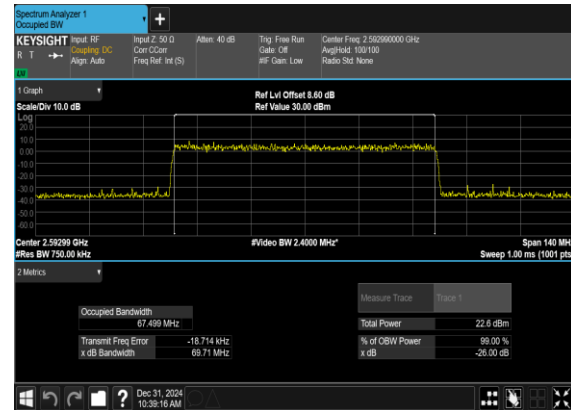
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QAM\_Outer\_Full\_Mid\_CH



N41(70M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

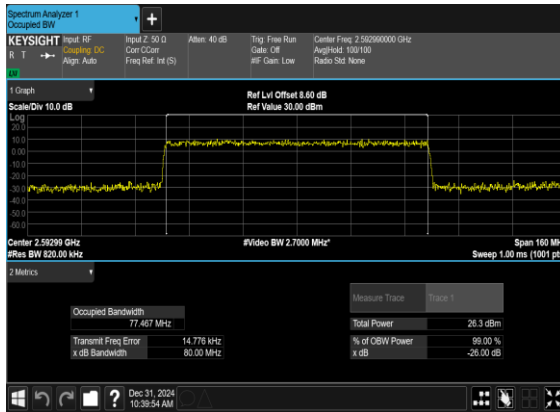


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QAM\_Outer\_Full\_Mid\_CH

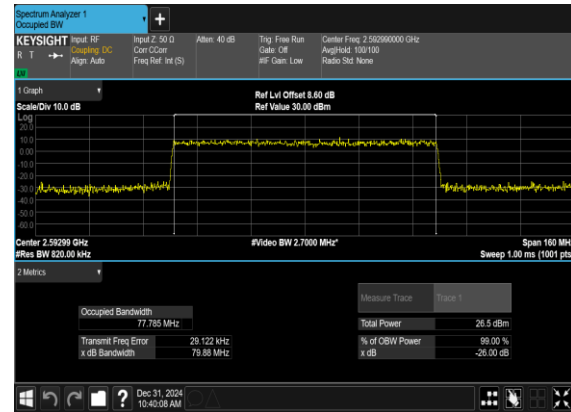




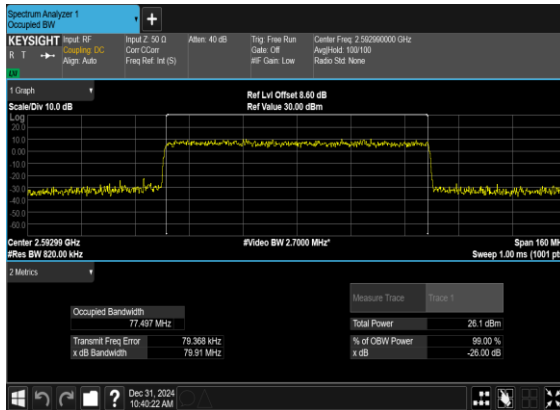
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



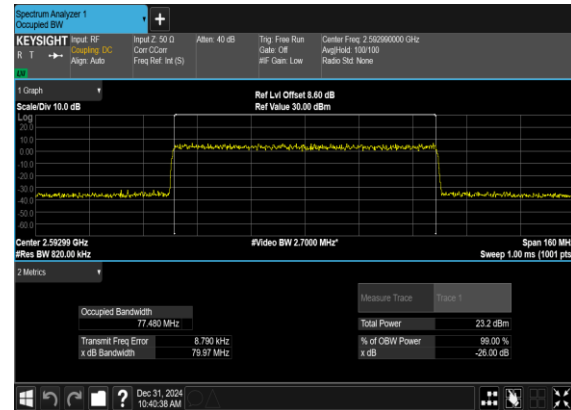
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QAM\_Outer\_Full\_Mid\_CH



N41(80M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

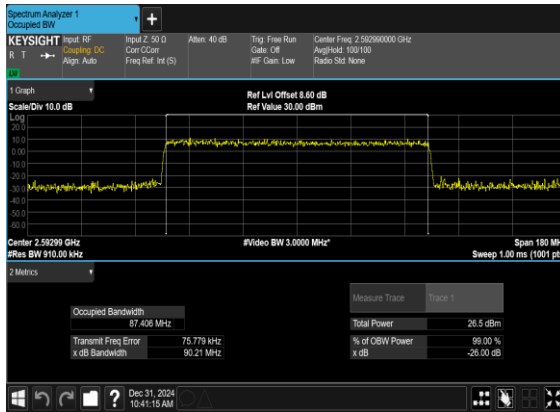


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QAM\_Outer\_Full\_Mid\_CH

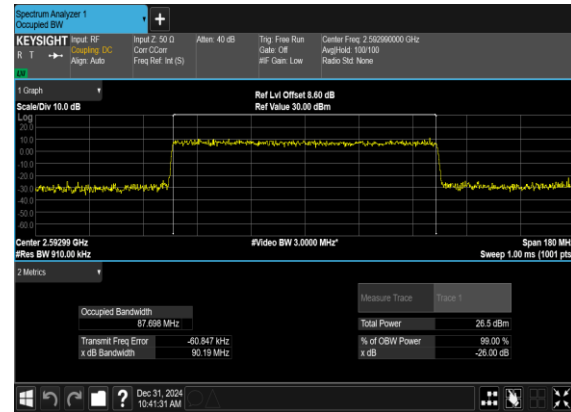




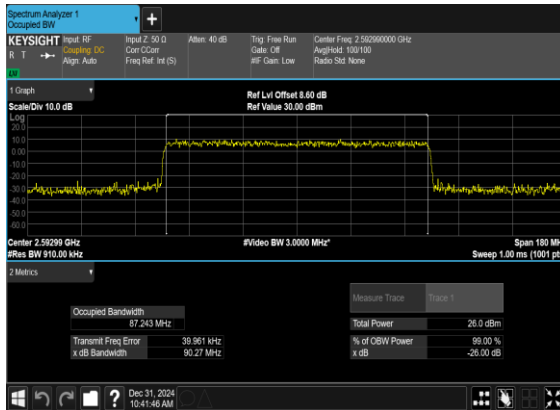
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



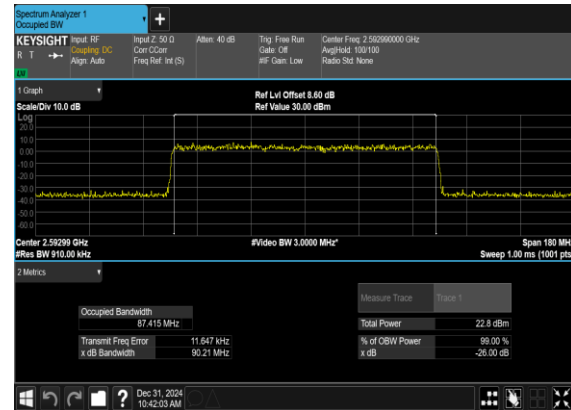
N41(90M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(90M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

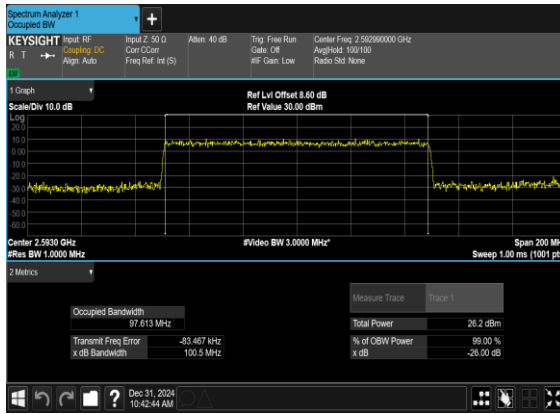


N41(90M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

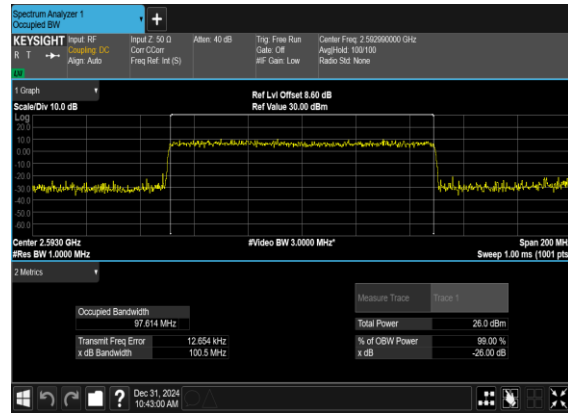




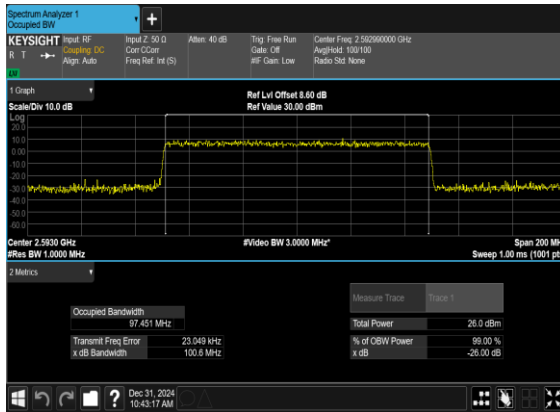
N41(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



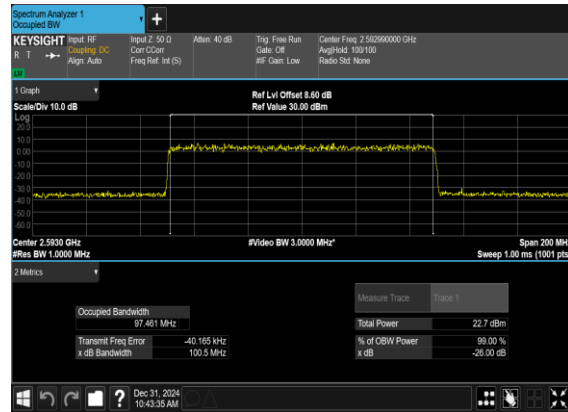
N41(100M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(100M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



N41(100M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



## Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 60              | 505200 | 2526.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |



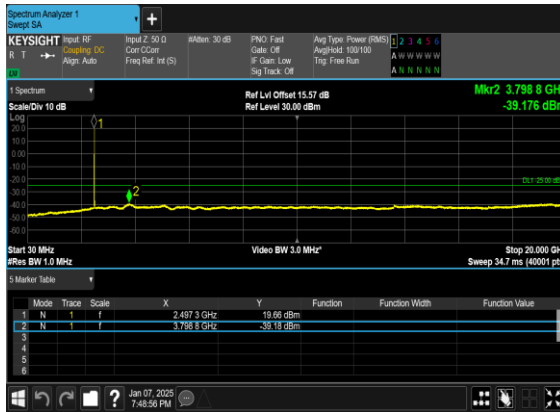
|    |    |     |        |         |                 |     |           |      |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|
| 41 | 30 | 60  | 505200 | 2526.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 505200 | 2526.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 505200 | 2526.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 60  | 505200 | 2526.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 505200 | 2526.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 60  | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 60  | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 531996 | 2659.98 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 60  | 531996 | 2659.98 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 531996 | 2659.98 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 531996 | 2659.98 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 60  | 531996 | 2659.98 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 60  | 531996 | 2659.98 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |



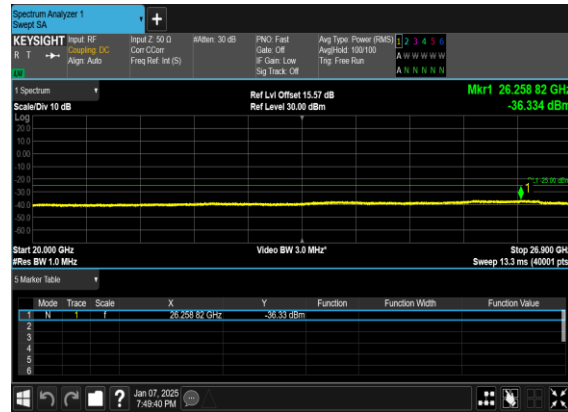
|    |    |     |        |         |                 |     |           |      |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |



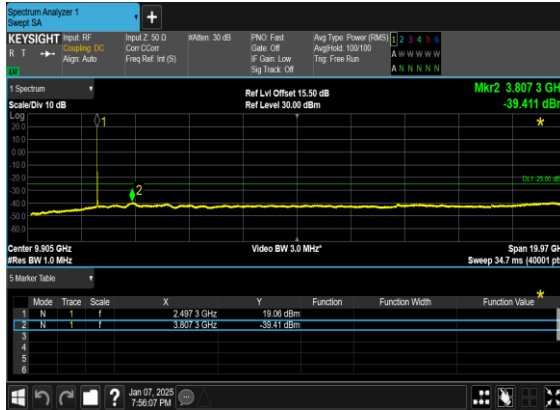
N41(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

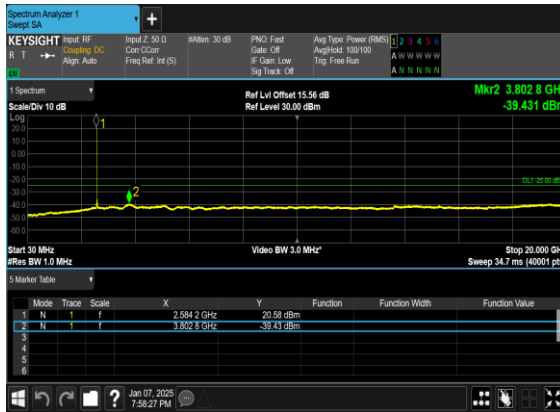


N41(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

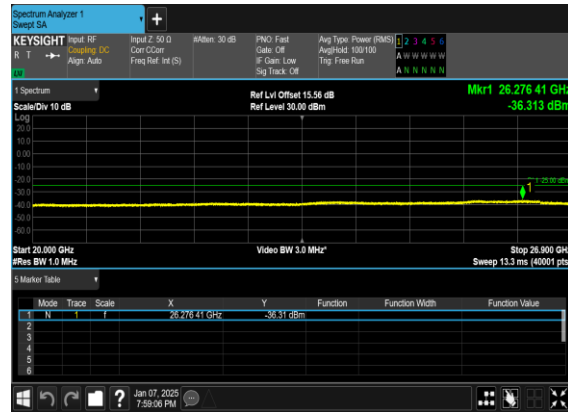




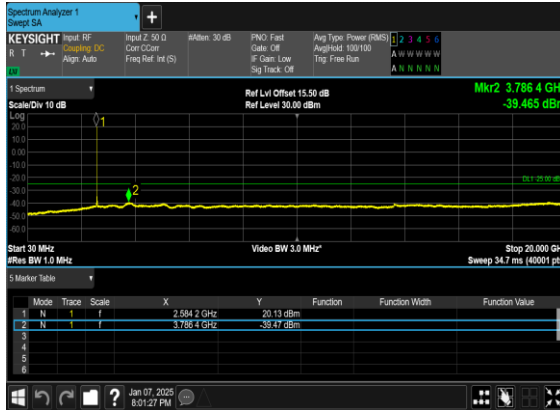
N41(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

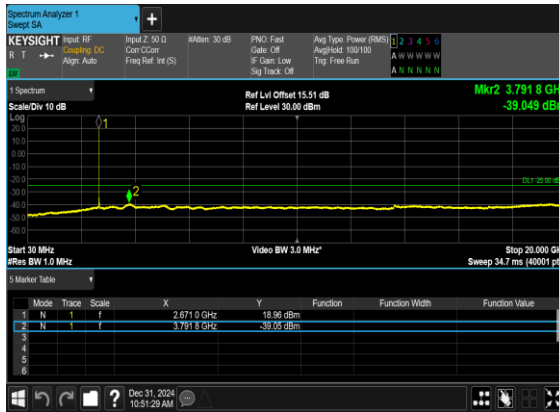


N41(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

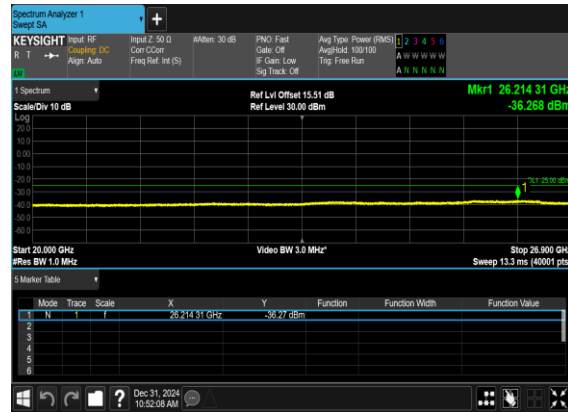




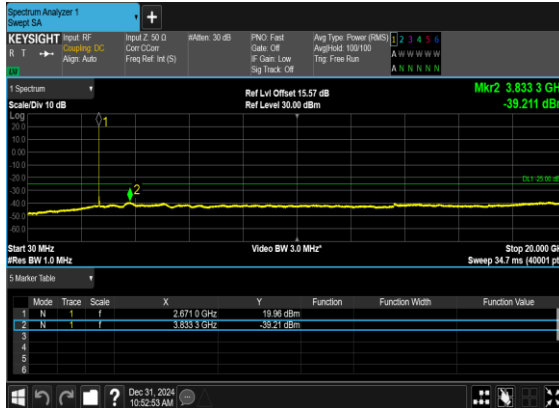
N41(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



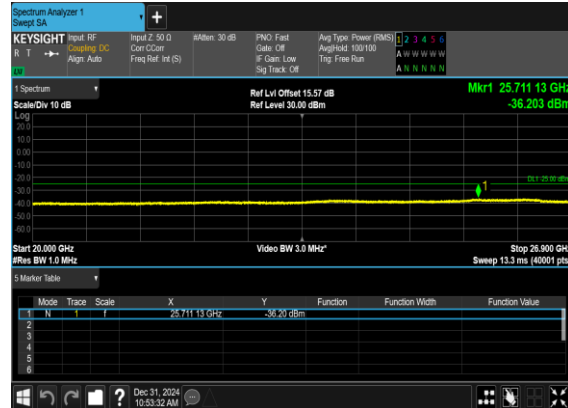
N41(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

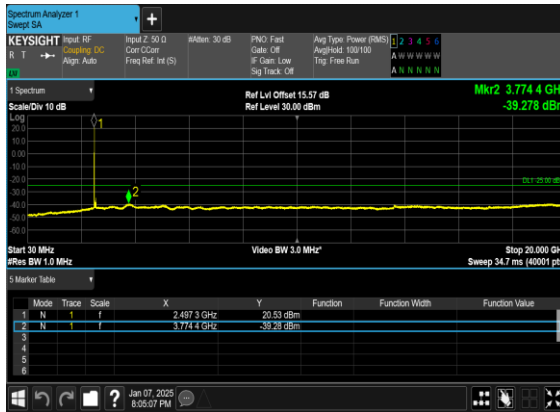


N41(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

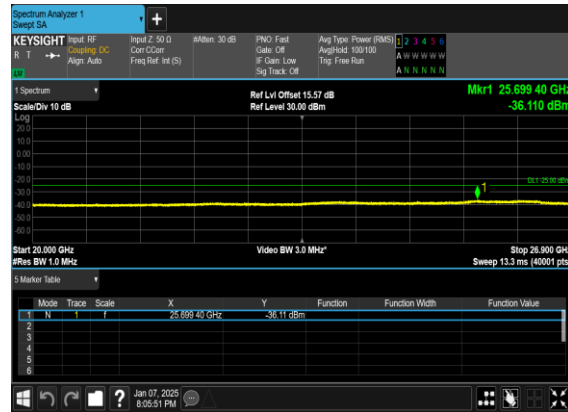




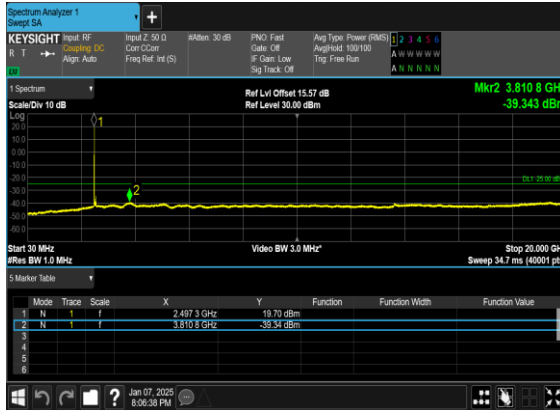
N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



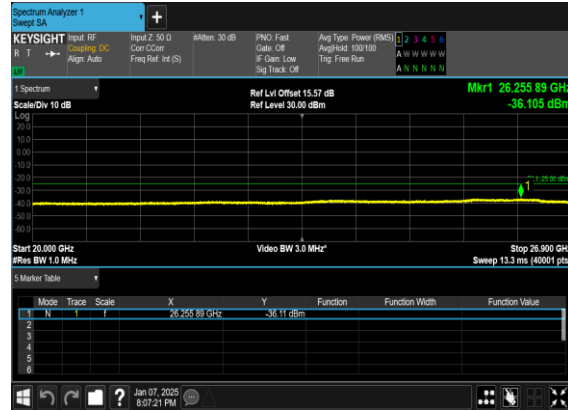
N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

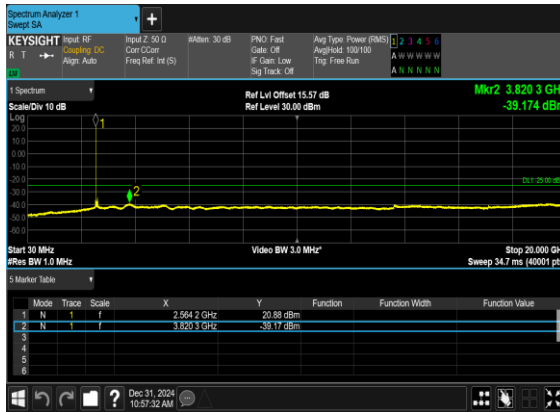


N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

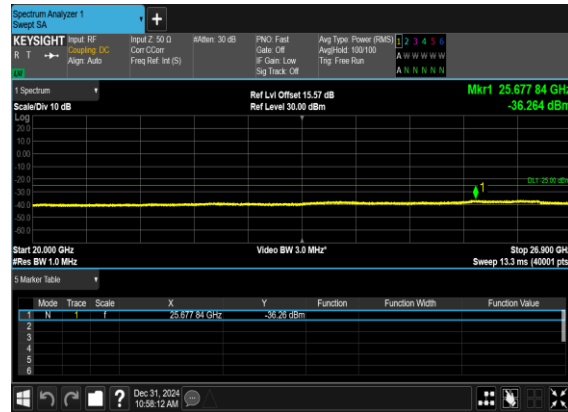




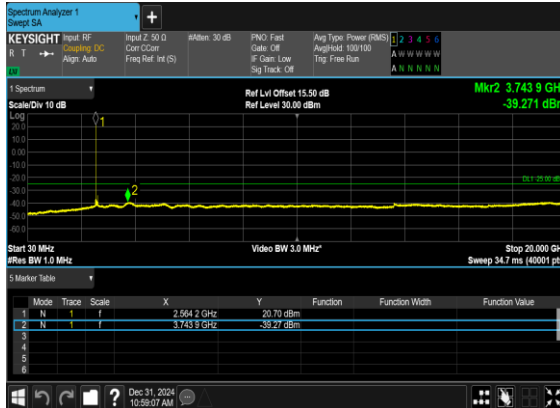
N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



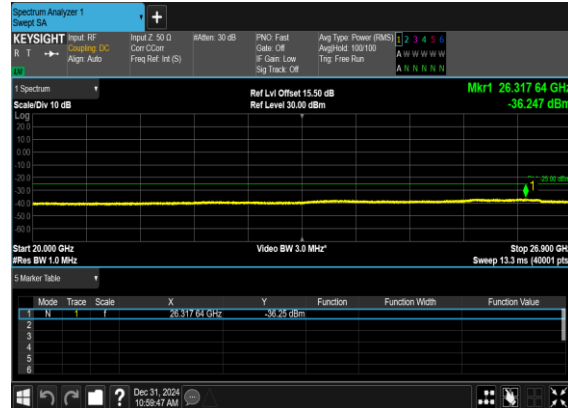
N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

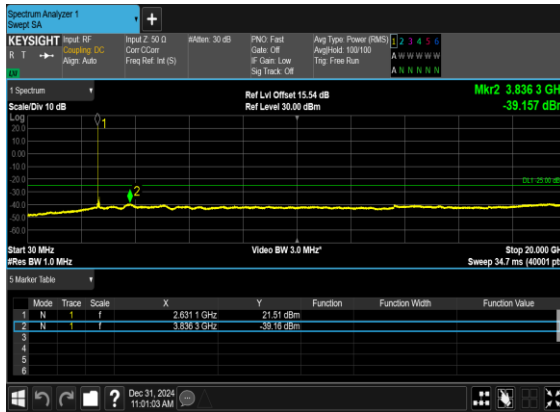


N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH





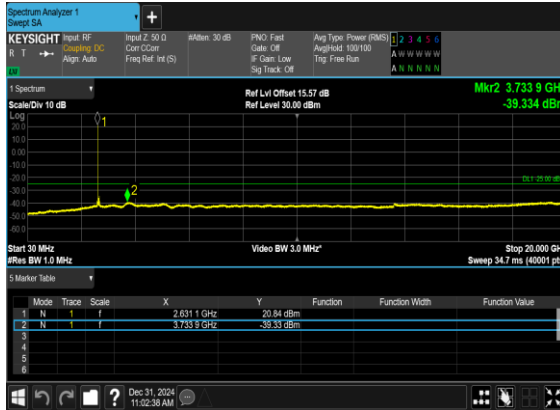
N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



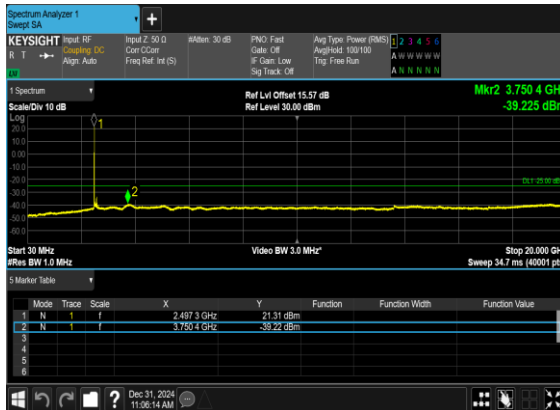
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



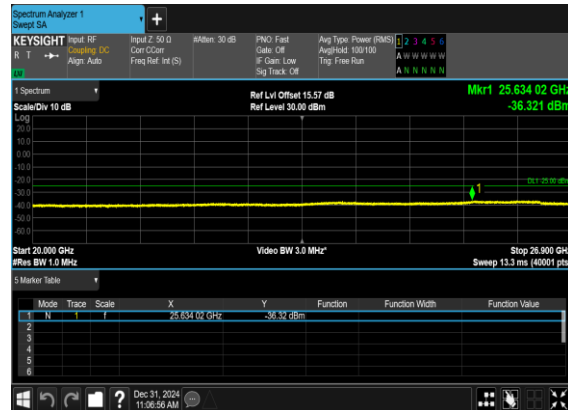
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

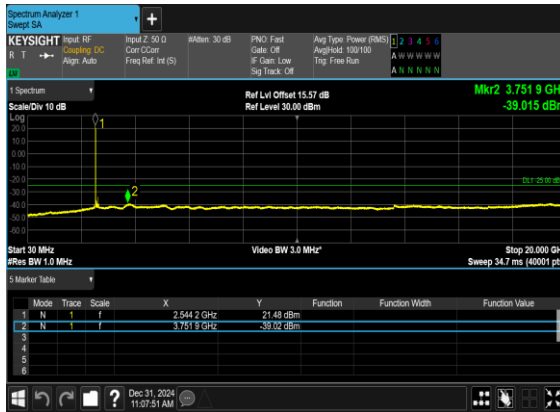


N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH





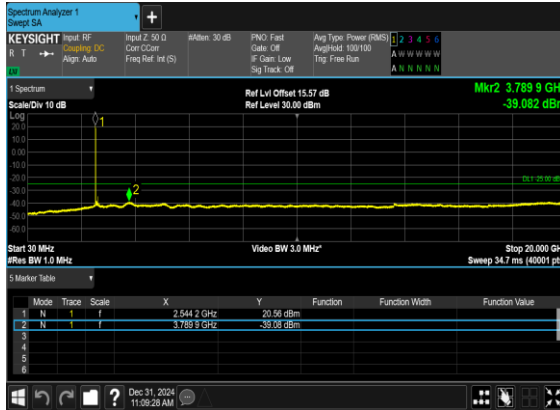
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

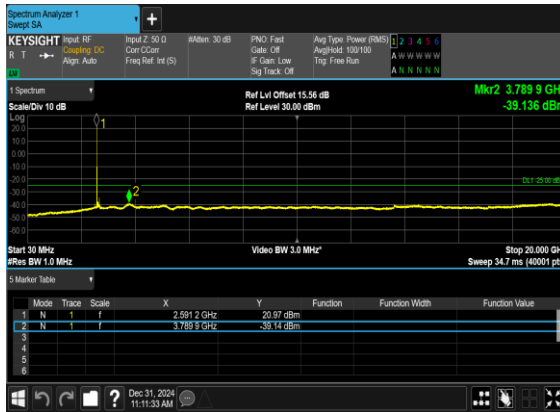


N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH





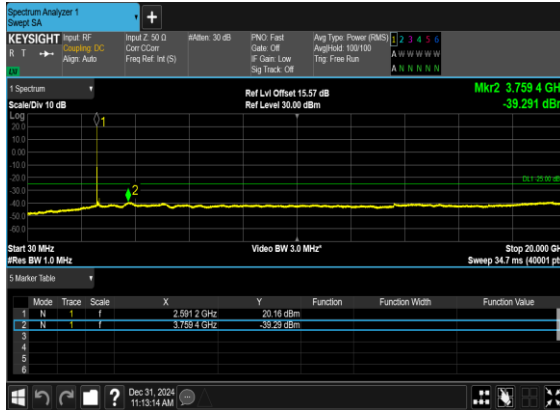
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N41(100M)\_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 |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 41      | 30        | 20              | 501204 | 2506.02    | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM BPSK | 1@50  | see graph | PASS    |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM QPSK | 1@50  | see graph | PASS    |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 41      | 30        | 20              | 535998 | 2679.99    | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 41      | 30        | 60              | 505200 | 2526.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 60              | 505200 | 2526.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 60              | 505200 | 2526.0     | DFT-s-OFDM BPSK | 162@0 | see graph | PASS    |
| 41      | 30        | 60              | 505200 | 2526.0     | DFT-s-OFDM QPSK | 162@0 | see graph | PASS    |
| 41      | 30        | 60              | 531996 | 2659.98    | DFT-s-OFDM BPSK | 1@161 | see graph | PASS    |
| 41      | 30        | 60              | 531996 | 2659.98    | DFT-s-OFDM QPSK | 1@161 | see graph | PASS    |
| 41      | 30        | 60              | 531996 | 2659.98    | DFT-s-OFDM BPSK | 162@0 | see graph | PASS    |
| 41      | 30        | 60              | 531996 | 2659.98    | DFT-s-OFDM QPSK | 162@0 | see graph | PASS    |
| 41      | 30        | 100             | 509202 | 2546.01    | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 100             | 509202 | 2546.01    | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 100             | 509202 | 2546.01    | DFT-s-OFDM BPSK | 270@0 | see graph | PASS    |
| 41      | 30        | 100             | 509202 | 2546.01    | DFT-s-OFDM      | 270@0 | see graph | PASS    |



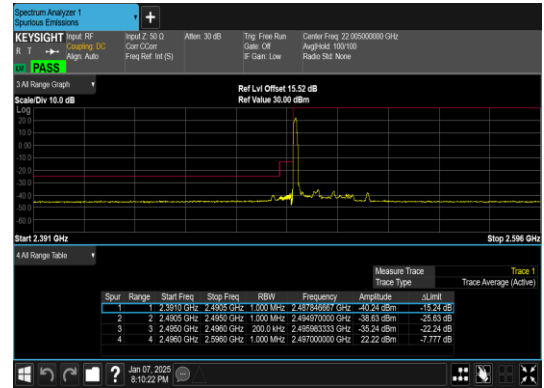
| QPSK |    |     |        |        |                 |       |           |      |
|------|----|-----|--------|--------|-----------------|-------|-----------|------|
| 41   | 30 | 100 | 528000 | 2640.0 | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 41   | 30 | 100 | 528000 | 2640.0 | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 41   | 30 | 100 | 528000 | 2640.0 | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 41   | 30 | 100 | 528000 | 2640.0 | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |



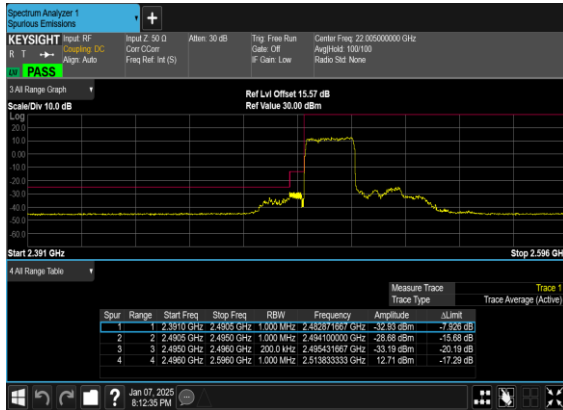
N41(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



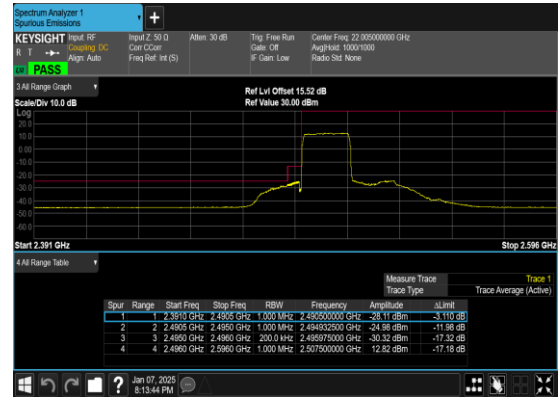
N41(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



N41(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

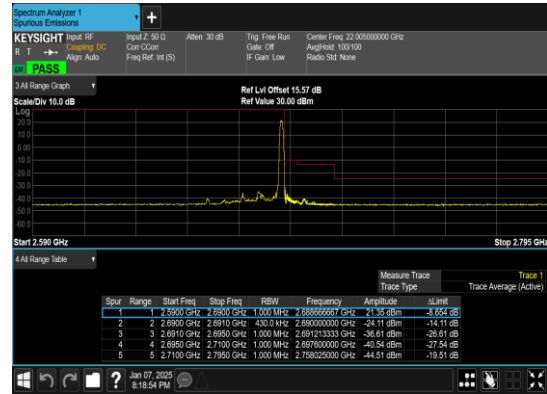




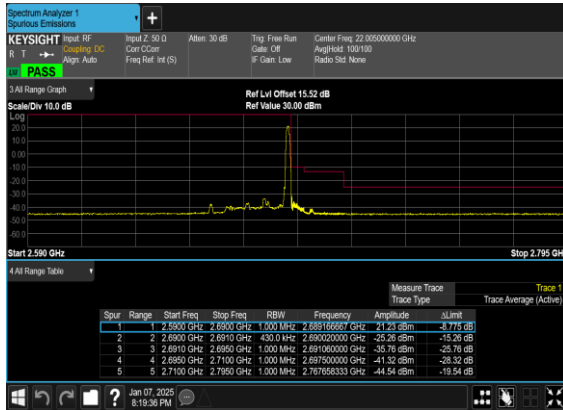
N41(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS



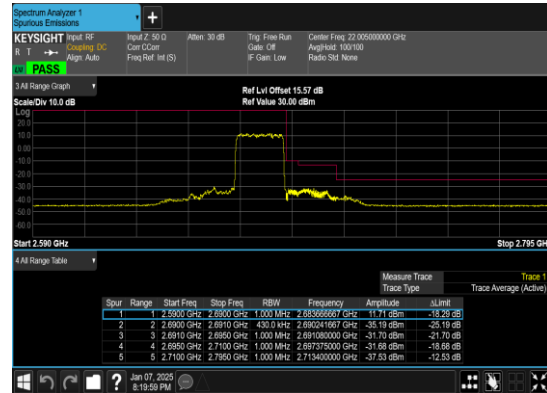
N41(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N41(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

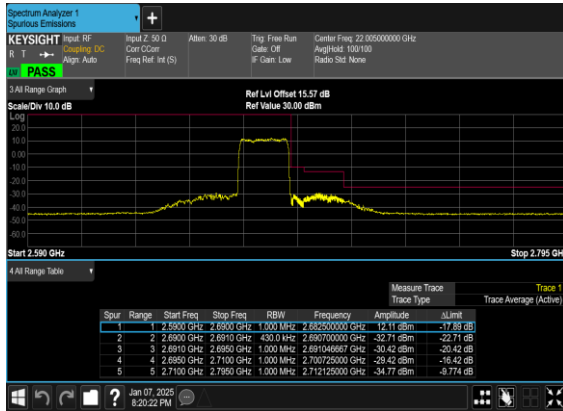


N41(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

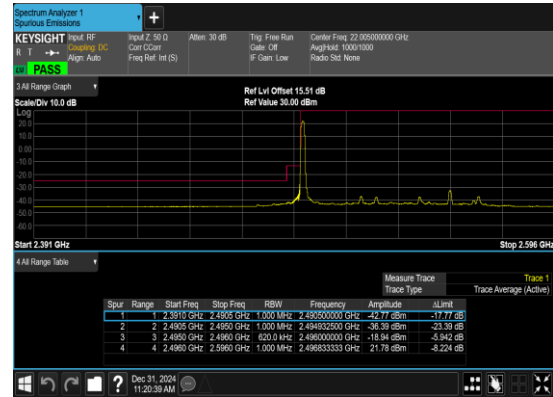




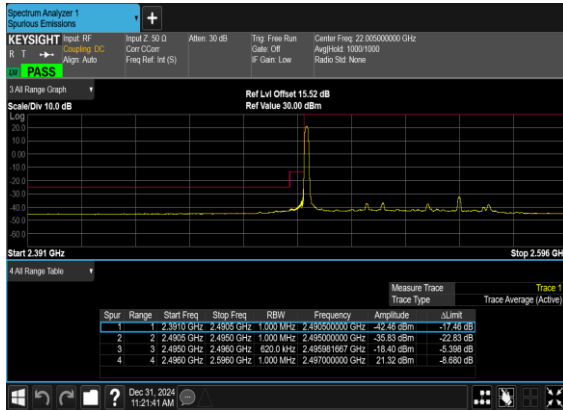
N41(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



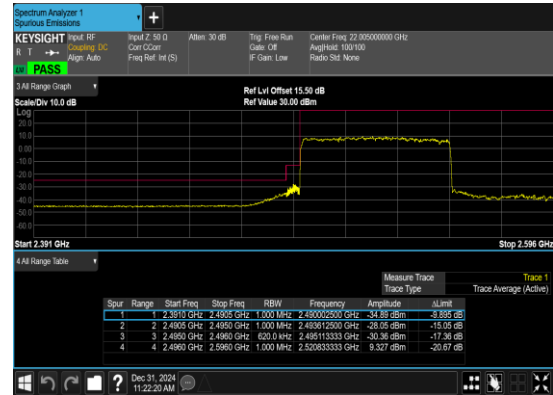
N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

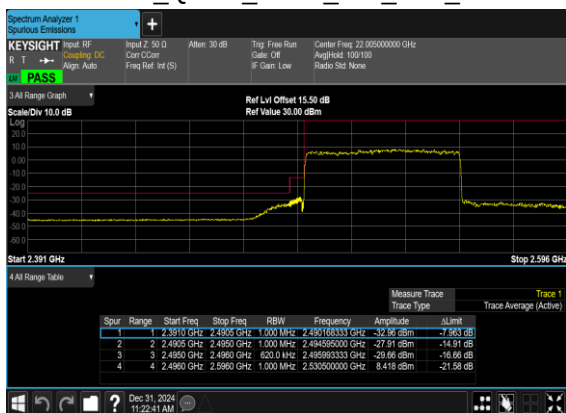


N41(60M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

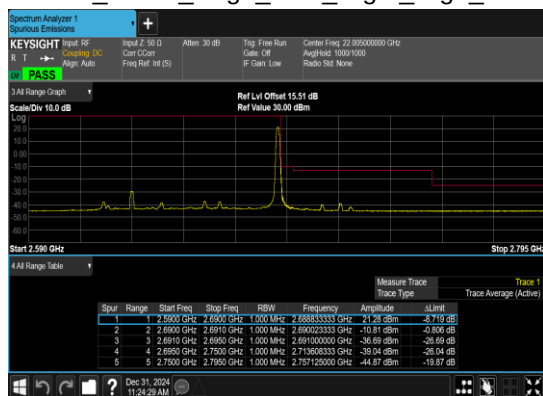




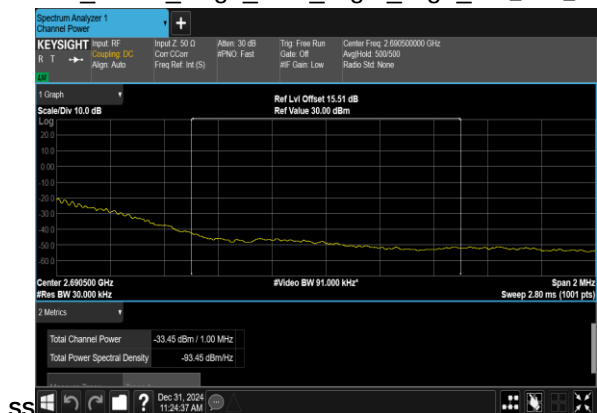
N41(60M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



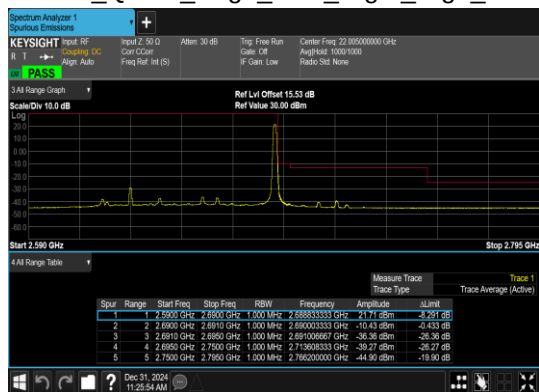
N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N41(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PA

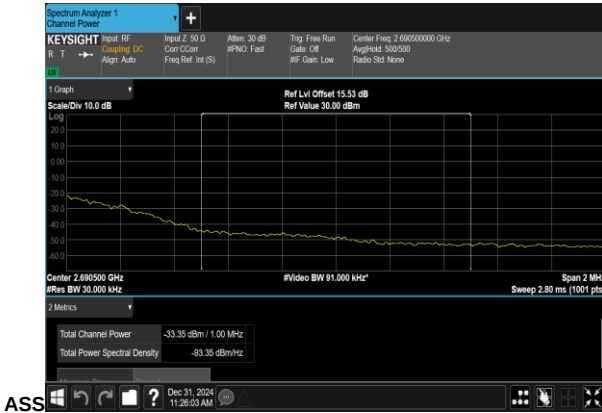


N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

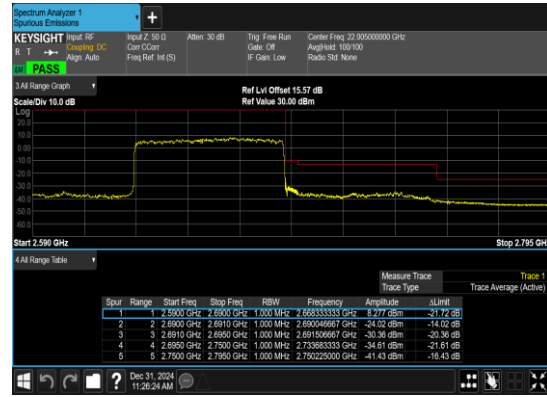




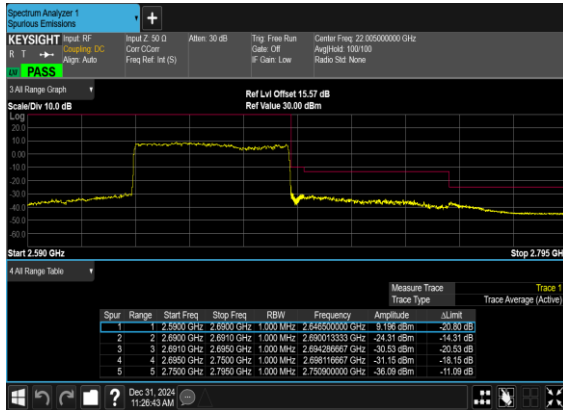
N41(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_chp\_P



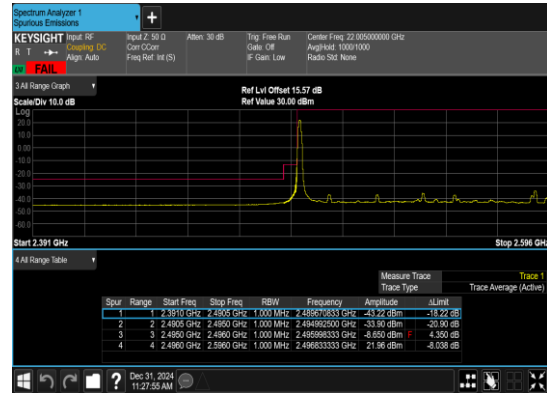
N41(60M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N41(60M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

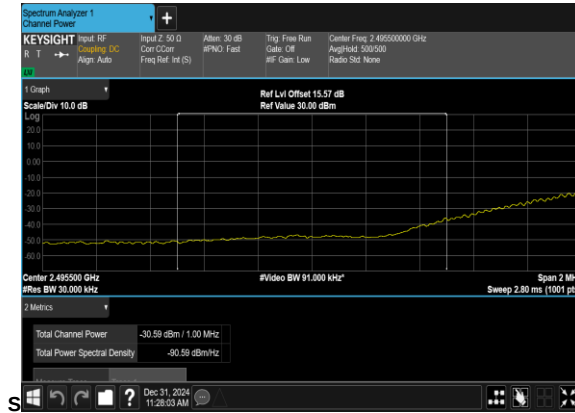


N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

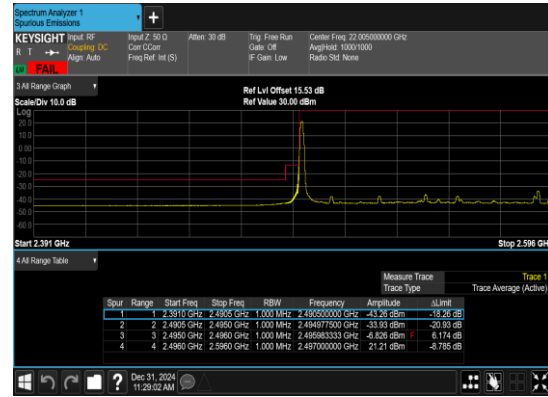




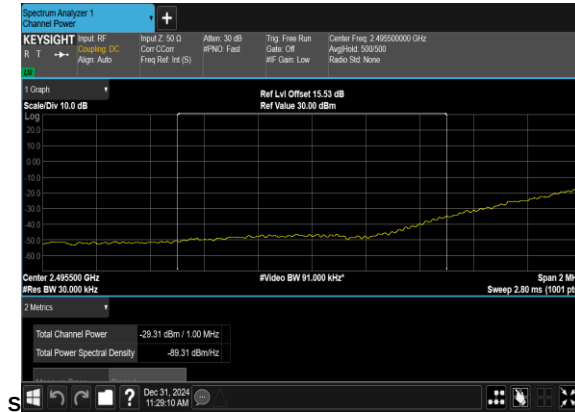
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PAS



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PAS



N41(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

