

## 1 Conducted output power for NR FR1

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Power<br>(dBm) | Gain<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|----------------|---------------|---------------|---------------------|---------|
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_BPSK   | 23.17          | -1.3          | 21.87         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_BPSK   | 23.12          | -2.01         | 21.11         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_BPSK   | 23.12          | -2.01         | 21.11         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_BPSK   | 22.65          | -2.01         | 20.64         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QPSK   | 23.19          | -2.01         | 21.18         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QPSK   | 22.99          | -2.01         | 20.98         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QPSK   | 22.96          | -2.01         | 20.95         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QPSK   | 22.18          | -2.01         | 20.17         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM16  | 22.14          | -2.01         | 20.13         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM16  | 22.48          | -2.01         | 20.47         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM16  | 22.04          | -2.01         | 20.03         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM16  | 21.14          | -2.01         | 19.13         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM64  | 20.78          | -2.01         | 18.77         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM64  | 20.41          | -2.01         | 18.4          | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM64  | 20.34          | -2.01         | 18.33         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM64  | 20.59          | -2.01         | 18.58         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM256 | 18.52          | -2.01         | 16.51         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM256 | 18.66          | -2.01         | 16.65         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM256 | 18.66          | -2.01         | 16.65         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM256 | 18.57          | -2.01         | 16.56         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QPSK    | 21.5           | -2.01         | 19.49         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QPSK    | 21.49          | -2.01         | 19.48         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QPSK    | 21.53          | -2.01         | 19.52         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QPSK    | 20.07          | -2.01         | 18.06         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM16   | 21.02          | -2.01         | 19.01         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM16   | 21.41          | -2.01         | 19.4          | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM16   | 20.81          | -2.01         | 18.8          | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QAM16   | 20.08          | -2.01         | 18.07         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM64   | 19.65          | -2.01         | 17.64         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM64   | 19.87          | -2.01         | 17.86         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM64   | 19.81          | -2.01         | 17.8          | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QAM64   | 19.68          | -2.01         | 17.67         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM256  | 16.65          | -2.01         | 14.64         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM256  | 16.77          | -2.01         | 14.76         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM256  | 16.73          | -2.01         | 14.72         | 33.01               | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QAM256  | 16.55          | -2.01         | 14.54         | 33.01               | PASS    |
| n38  | 30           | 10                 | 519000        | 12@6             | DFT_BPSK   | 23.07          | -2.01         | 21.06         | 33.01               | PASS    |
| n38  | 30           | 10                 | 519000        | 1@1              | DFT_BPSK   | 23.05          | -2.01         | 21.04         | 33.01               | PASS    |

|     |    |    |        |      |            |       |       |       |       |      |
|-----|----|----|--------|------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 10 | 519000 | 1@22 | DFT_BPSK   | 23.18 | -2.01 | 21.17 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_BPSK   | 22.6  | -2.01 | 20.59 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QPSK   | 23.14 | -2.01 | 21.13 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QPSK   | 22.93 | -2.01 | 20.92 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QPSK   | 23.04 | -2.01 | 21.03 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_QPSK   | 22.06 | -2.01 | 20.05 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QAM16  | 22.11 | -2.01 | 20.1  | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QAM16  | 21.97 | -2.01 | 19.96 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QAM16  | 22.1  | -2.01 | 20.09 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_QAM16  | 21.2  | -2.01 | 19.19 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QAM64  | 20.69 | -2.01 | 18.68 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QAM64  | 20.56 | -2.01 | 18.55 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QAM64  | 20.64 | -2.01 | 18.63 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_QAM64  | 20.62 | -2.01 | 18.61 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QAM256 | 18.52 | -2.01 | 16.51 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QAM256 | 18.72 | -2.01 | 16.71 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QAM256 | 18.51 | -2.01 | 16.5  | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | DFT_QAM256 | 18.61 | -2.01 | 16.6  | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QPSK    | 21.57 | -2.01 | 19.56 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QPSK    | 21.32 | -2.01 | 19.31 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QPSK    | 21.58 | -2.01 | 19.57 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | CP_QPSK    | 20.13 | -2.01 | 18.12 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM16   | 21.1  | -2.01 | 19.09 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM16   | 21.4  | -2.01 | 19.39 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM16   | 21.5  | -2.01 | 19.49 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | CP_QAM16   | 20.02 | -2.01 | 18.01 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM64   | 19.74 | -2.01 | 17.73 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM64   | 19.99 | -2.01 | 17.98 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM64   | 20.09 | -2.01 | 18.08 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | CP_QAM64   | 19.83 | -2.01 | 17.82 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM256  | 16.6  | -2.01 | 14.59 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM256  | 16.99 | -2.01 | 14.98 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM256  | 16.96 | -2.01 | 14.95 | 33.01 | PASS |
| n38 | 30 | 10 | 519000 | 24@0 | CP_QAM256  | 16.67 | -2.01 | 14.66 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_BPSK   | 23.2  | -2.01 | 21.19 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_BPSK   | 23.15 | -2.01 | 21.14 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_BPSK   | 23.13 | -2.01 | 21.12 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_BPSK   | 22.66 | -2.01 | 20.65 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QPSK   | 23.2  | -2.01 | 21.19 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QPSK   | 23.08 | -2.01 | 21.07 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QPSK   | 23    | -2.01 | 20.99 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QPSK   | 22.13 | -2.01 | 20.12 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM16  | 22.21 | -2.01 | 20.2  | 33.01 | PASS |

|     |    |    |        |      |            |       |       |       |       |      |
|-----|----|----|--------|------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM16  | 22.14 | -2.01 | 20.13 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM16  | 22.54 | -2.01 | 20.53 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM16  | 21.2  | -2.01 | 19.19 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM64  | 20.82 | -2.01 | 18.81 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM64  | 20.61 | -2.01 | 18.6  | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM64  | 20.56 | -2.01 | 18.55 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM64  | 20.69 | -2.01 | 18.68 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM256 | 18.65 | -2.01 | 16.64 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM256 | 18.53 | -2.01 | 16.52 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM256 | 18.7  | -2.01 | 16.69 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM256 | 18.68 | -2.01 | 16.67 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QPSK    | 21.51 | -2.01 | 19.5  | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QPSK    | 21.65 | -2.01 | 19.64 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QPSK    | 21.57 | -2.01 | 19.56 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QPSK    | 20.12 | -2.01 | 18.11 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM16   | 21.1  | -2.01 | 19.09 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM16   | 21.55 | -2.01 | 19.54 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM16   | 21.1  | -2.01 | 19.09 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM16   | 20.17 | -2.01 | 18.16 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM64   | 19.57 | -2.01 | 17.56 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM64   | 20.35 | -2.01 | 18.34 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM64   | 19.84 | -2.01 | 17.83 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM64   | 19.66 | -2.01 | 17.65 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM256  | 16.62 | -2.01 | 14.61 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM256  | 16.8  | -2.01 | 14.79 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM256  | 16.77 | -2.01 | 14.76 | 33.01 | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM256  | 16.69 | -2.01 | 14.68 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_BPSK   | 23.04 | -2.01 | 21.03 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_BPSK   | 23.09 | -2.01 | 21.08 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_BPSK   | 23.02 | -2.01 | 21.01 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_BPSK   | 22.62 | -2.01 | 20.61 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QPSK   | 23.08 | -2.01 | 21.07 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QPSK   | 22.96 | -2.01 | 20.95 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QPSK   | 22.91 | -2.01 | 20.9  | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QPSK   | 22.07 | -2.01 | 20.06 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM16  | 22.27 | -2.01 | 20.26 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM16  | 22.4  | -2.01 | 20.39 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM16  | 22.36 | -2.01 | 20.35 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM16  | 21.07 | -2.01 | 19.06 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM64  | 20.74 | -2.01 | 18.73 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM64  | 20.47 | -2.01 | 18.46 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM64  | 20.42 | -2.01 | 18.41 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM64  | 20.65 | -2.01 | 18.64 | 33.01 | PASS |

|     |    |    |        |      |            |       |       |       |       |      |
|-----|----|----|--------|------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM256 | 18.66 | -2.01 | 16.65 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM256 | 18.59 | -2.01 | 16.58 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM256 | 18.61 | -2.01 | 16.6  | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM256 | 18.56 | -2.01 | 16.55 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QPSK    | 21.63 | -2.01 | 19.62 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QPSK    | 21.55 | -2.01 | 19.54 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QPSK    | 21.4  | -2.01 | 19.39 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QPSK    | 20.1  | -2.01 | 18.09 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM16   | 21.05 | -2.01 | 19.04 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM16   | 20.8  | -2.01 | 18.79 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM16   | 21.27 | -2.01 | 19.26 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM16   | 20.08 | -2.01 | 18.07 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM64   | 19.8  | -2.01 | 17.79 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM64   | 19.73 | -2.01 | 17.72 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM64   | 19.7  | -2.01 | 17.69 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM64   | 19.59 | -2.01 | 17.58 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM256  | 16.6  | -2.01 | 14.59 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM256  | 16.71 | -2.01 | 14.7  | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM256  | 16.65 | -2.01 | 14.64 | 33.01 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM256  | 16.55 | -2.01 | 14.54 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_BPSK   | 23    | -2.01 | 20.99 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_BPSK   | 22.93 | -2.01 | 20.92 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_BPSK   | 23.14 | -2.01 | 21.13 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_BPSK   | 22.57 | -2.01 | 20.56 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QPSK   | 23.1  | -2.01 | 21.09 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QPSK   | 22.81 | -2.01 | 20.8  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QPSK   | 22.98 | -2.01 | 20.97 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QPSK   | 22.09 | -2.01 | 20.08 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM16  | 22.26 | -2.01 | 20.25 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM16  | 21.93 | -2.01 | 19.92 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QAM16  | 22.21 | -2.01 | 20.2  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM16  | 21.14 | -2.01 | 19.13 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM64  | 20.73 | -2.01 | 18.72 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM64  | 20.27 | -2.01 | 18.26 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QAM64  | 20.51 | -2.01 | 18.5  | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM64  | 20.7  | -2.01 | 18.69 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM256 | 18.59 | -2.01 | 16.58 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM256 | 18.35 | -2.01 | 16.34 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QAM256 | 18.56 | -2.01 | 16.55 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM256 | 18.58 | -2.01 | 16.57 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 19@9 | CP_QPSK    | 21.6  | -2.01 | 19.59 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QPSK    | 21.5  | -2.01 | 19.49 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QPSK    | 21.58 | -2.01 | 19.57 | 33.01 | PASS |

|     |    |    |        |      |            |       |       |       |       |      |
|-----|----|----|--------|------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 15 | 519000 | 38@0 | CP_QPSK    | 20.07 | -2.01 | 18.06 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 19@9 | CP_QAM16   | 21.15 | -2.01 | 19.14 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QAM16   | 20.99 | -2.01 | 18.98 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QAM16   | 21.12 | -2.01 | 19.11 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM16   | 20.15 | -2.01 | 18.14 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 19@9 | CP_QAM64   | 19.86 | -2.01 | 17.85 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QAM64   | 19.59 | -2.01 | 17.58 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QAM64   | 19.7  | -2.01 | 17.69 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM64   | 19.7  | -2.01 | 17.69 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 19@9 | CP_QAM256  | 16.58 | -2.01 | 14.57 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QAM256  | 16.52 | -2.01 | 14.51 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QAM256  | 16.69 | -2.01 | 14.68 | 33.01 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM256  | 16.56 | -2.01 | 14.55 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_BPSK   | 23.14 | -2.01 | 21.13 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_BPSK   | 23.17 | -2.01 | 21.16 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_BPSK   | 23.12 | -2.01 | 21.11 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_BPSK   | 22.7  | -2.01 | 20.69 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QPSK   | 23.17 | -2.01 | 21.16 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QPSK   | 23    | -2.01 | 20.99 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QPSK   | 23.03 | -2.01 | 21.02 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QPSK   | 22.25 | -2.01 | 20.24 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QAM16  | 22.36 | -2.01 | 20.35 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QAM16  | 22.31 | -2.01 | 20.3  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QAM16  | 22.05 | -2.01 | 20.04 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM16  | 21.23 | -2.01 | 19.22 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QAM64  | 20.81 | -2.01 | 18.8  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QAM64  | 20.51 | -2.01 | 18.5  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QAM64  | 20.9  | -2.01 | 18.89 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM64  | 20.73 | -2.01 | 18.72 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QAM256 | 18.77 | -2.01 | 16.76 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QAM256 | 18.62 | -2.01 | 16.61 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QAM256 | 18.51 | -2.01 | 16.5  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM256 | 18.62 | -2.01 | 16.61 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 19@9 | CP_QPSK    | 21.72 | -2.01 | 19.71 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | CP_QPSK    | 21.69 | -2.01 | 19.68 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | CP_QPSK    | 21.66 | -2.01 | 19.65 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QPSK    | 20.22 | -2.01 | 18.21 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 19@9 | CP_QAM16   | 21.09 | -2.01 | 19.08 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | CP_QAM16   | 21.26 | -2.01 | 19.25 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36 | CP_QAM16   | 21.49 | -2.01 | 19.48 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QAM16   | 20.21 | -2.01 | 18.2  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 19@9 | CP_QAM64   | 19.96 | -2.01 | 17.95 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1  | CP_QAM64   | 20.06 | -2.01 | 18.05 | 33.01 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 15 | 522500 | 1@36  | CP_QAM64   | 19.91 | -2.01 | 17.9  | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 38@0  | CP_QAM64   | 19.74 | -2.01 | 17.73 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 19@9  | CP_QAM256  | 16.68 | -2.01 | 14.67 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | CP_QAM256  | 16.73 | -2.01 | 14.72 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | CP_QAM256  | 16.63 | -2.01 | 14.62 | 33.01 | PASS |
| n38 | 30 | 15 | 522500 | 38@0  | CP_QAM256  | 16.6  | -2.01 | 14.59 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_BPSK   | 23.14 | -2.01 | 21.13 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_BPSK   | 23.02 | -2.01 | 21.01 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_BPSK   | 22.88 | -2.01 | 20.87 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_BPSK   | 22.58 | -2.01 | 20.57 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QPSK   | 23.17 | -2.01 | 21.16 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QPSK   | 22.87 | -2.01 | 20.86 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QPSK   | 22.82 | -2.01 | 20.81 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QPSK   | 22.06 | -2.01 | 20.05 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QAM16  | 22.2  | -2.01 | 20.19 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QAM16  | 22.46 | -2.01 | 20.45 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QAM16  | 22.33 | -2.01 | 20.32 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM16  | 21.07 | -2.01 | 19.06 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QAM64  | 20.61 | -2.01 | 18.6  | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QAM64  | 20.4  | -2.01 | 18.39 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QAM64  | 20.75 | -2.01 | 18.74 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM64  | 20.51 | -2.01 | 18.5  | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QAM256 | 18.59 | -2.01 | 16.58 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QAM256 | 18.57 | -2.01 | 16.56 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QAM256 | 18.46 | -2.01 | 16.45 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM256 | 18.53 | -2.01 | 16.52 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QPSK    | 21.7  | -2.01 | 19.69 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QPSK    | 21.57 | -2.01 | 19.56 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QPSK    | 21.43 | -2.01 | 19.42 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QPSK    | 20.1  | -2.01 | 18.09 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QAM16   | 21.13 | -2.01 | 19.12 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QAM16   | 21.01 | -2.01 | 19    | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QAM16   | 21.31 | -2.01 | 19.3  | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QAM16   | 20.18 | -2.01 | 18.17 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QAM64   | 19.73 | -2.01 | 17.72 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QAM64   | 19.83 | -2.01 | 17.82 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QAM64   | 19.78 | -2.01 | 17.77 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QAM64   | 19.64 | -2.01 | 17.63 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QAM256  | 16.68 | -2.01 | 14.67 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QAM256  | 16.58 | -2.01 | 14.57 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QAM256  | 16.46 | -2.01 | 14.45 | 33.01 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QAM256  | 16.5  | -2.01 | 14.49 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_BPSK   | 23.14 | -2.01 | 21.13 | 33.01 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 20 | 519000 | 1@1   | DFT_BPSK   | 23.02 | -2.01 | 21.01 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_BPSK   | 23.13 | -2.01 | 21.12 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_BPSK   | 22.64 | -2.01 | 20.63 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QPSK   | 23.22 | -2.01 | 21.21 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QPSK   | 22.85 | -2.01 | 20.84 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QPSK   | 22.98 | -2.01 | 20.97 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QPSK   | 22.12 | -2.01 | 20.11 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QAM16  | 22.23 | -2.01 | 20.22 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QAM16  | 22.11 | -2.01 | 20.1  | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QAM16  | 22.48 | -2.01 | 20.47 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM16  | 21.15 | -2.01 | 19.14 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QAM64  | 20.75 | -2.01 | 18.74 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QAM64  | 20.22 | -2.01 | 18.21 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QAM64  | 20.35 | -2.01 | 18.34 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM64  | 20.6  | -2.01 | 18.59 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QAM256 | 18.65 | -2.01 | 16.64 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QAM256 | 18.53 | -2.01 | 16.52 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QAM256 | 18.53 | -2.01 | 16.52 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM256 | 18.58 | -2.01 | 16.57 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | CP_QPSK    | 21.68 | -2.01 | 19.67 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QPSK    | 21.5  | -2.01 | 19.49 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QPSK    | 21.56 | -2.01 | 19.55 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QPSK    | 20.17 | -2.01 | 18.16 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | CP_QAM16   | 21.27 | -2.01 | 19.26 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QAM16   | 21.26 | -2.01 | 19.25 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QAM16   | 21.39 | -2.01 | 19.38 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QAM16   | 20.26 | -2.01 | 18.25 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | CP_QAM64   | 19.88 | -2.01 | 17.87 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QAM64   | 19.73 | -2.01 | 17.72 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QAM64   | 20.31 | -2.01 | 18.3  | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QAM64   | 19.67 | -2.01 | 17.66 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 25@12 | CP_QAM256  | 16.59 | -2.01 | 14.58 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QAM256  | 16.55 | -2.01 | 14.54 | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QAM256  | 16.61 | -2.01 | 14.6  | 33.01 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QAM256  | 16.55 | -2.01 | 14.54 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_BPSK   | 23.34 | -2.01 | 21.33 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_BPSK   | 23.1  | -2.01 | 21.09 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_BPSK   | 23.07 | -2.01 | 21.06 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_BPSK   | 22.73 | -2.01 | 20.72 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QPSK   | 23.19 | -2.01 | 21.18 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QPSK   | 22.97 | -2.01 | 20.96 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QPSK   | 22.97 | -2.01 | 20.96 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QPSK   | 22.17 | -2.01 | 20.16 | 33.01 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QAM16  | 22.24 | -2.01 | 20.23 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QAM16  | 22.21 | -2.01 | 20.2  | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QAM16  | 22.16 | -2.01 | 20.15 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM16  | 21.2  | -2.01 | 19.19 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QAM64  | 20.77 | -2.01 | 18.76 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QAM64  | 20.47 | -2.01 | 18.46 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QAM64  | 20.35 | -2.01 | 18.34 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM64  | 20.66 | -2.01 | 18.65 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QAM256 | 18.78 | -2.01 | 16.77 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QAM256 | 18.45 | -2.01 | 16.44 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QAM256 | 18.39 | -2.01 | 16.38 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM256 | 18.64 | -2.01 | 16.63 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QPSK    | 21.8  | -2.01 | 19.79 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QPSK    | 21.61 | -2.01 | 19.6  | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QPSK    | 21.52 | -2.01 | 19.51 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QPSK    | 20.17 | -2.01 | 18.16 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QAM16   | 21.38 | -2.01 | 19.37 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QAM16   | 21.45 | -2.01 | 19.44 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QAM16   | 20.82 | -2.01 | 18.81 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QAM16   | 20.24 | -2.01 | 18.23 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QAM64   | 19.93 | -2.01 | 17.92 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QAM64   | 19.89 | -2.01 | 17.88 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QAM64   | 20.29 | -2.01 | 18.28 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QAM64   | 19.74 | -2.01 | 17.73 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QAM256  | 16.81 | -2.01 | 14.8  | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QAM256  | 16.63 | -2.01 | 14.62 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QAM256  | 16.55 | -2.01 | 14.54 | 33.01 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QAM256  | 16.6  | -2.01 | 14.59 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_BPSK   | 23.19 | -2.01 | 21.18 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_BPSK   | 23.11 | -2.01 | 21.1  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_BPSK   | 23.16 | -2.01 | 21.15 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_BPSK   | 22.63 | -2.01 | 20.62 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QPSK   | 23.13 | -2.01 | 21.12 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QPSK   | 22.97 | -2.01 | 20.96 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QPSK   | 23.08 | -2.01 | 21.07 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QPSK   | 22.19 | -2.01 | 20.18 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM16  | 22.16 | -2.01 | 20.15 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM16  | 22.43 | -2.01 | 20.42 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM16  | 22.31 | -2.01 | 20.3  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM16  | 21.23 | -2.01 | 19.22 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM64  | 20.71 | -2.01 | 18.7  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM64  | 20.41 | -2.01 | 18.4  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM64  | 20.65 | -2.01 | 18.64 | 33.01 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM64  | 20.76 | -2.01 | 18.75 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM256 | 18.67 | -2.01 | 16.66 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM256 | 18.78 | -2.01 | 16.77 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM256 | 18.71 | -2.01 | 16.7  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM256 | 18.76 | -2.01 | 16.75 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QPSK    | 21.62 | -2.01 | 19.61 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QPSK    | 21.48 | -2.01 | 19.47 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QPSK    | 21.65 | -2.01 | 19.64 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QPSK    | 20.23 | -2.01 | 18.22 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM16   | 21.13 | -2.01 | 19.12 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM16   | 21.46 | -2.01 | 19.45 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM16   | 21.24 | -2.01 | 19.23 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QAM16   | 20.19 | -2.01 | 18.18 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM64   | 19.71 | -2.01 | 17.7  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM64   | 20.32 | -2.01 | 18.31 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM64   | 20.47 | -2.01 | 18.46 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QAM64   | 19.73 | -2.01 | 17.72 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM256  | 16.65 | -2.01 | 14.64 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM256  | 16.52 | -2.01 | 14.51 | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM256  | 16.71 | -2.01 | 14.7  | 33.01 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QAM256  | 16.78 | -2.01 | 14.77 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_BPSK   | 23.19 | -2.01 | 21.18 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_BPSK   | 23.08 | -2.01 | 21.07 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_BPSK   | 23.14 | -2.01 | 21.13 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_BPSK   | 22.62 | -2.01 | 20.61 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QPSK   | 23.23 | -2.01 | 21.22 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QPSK   | 22.97 | -2.01 | 20.96 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QPSK   | 23.07 | -2.01 | 21.06 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QPSK   | 22.17 | -2.01 | 20.16 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM16  | 22.2  | -2.01 | 20.19 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM16  | 22.03 | -2.01 | 20.02 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM16  | 22.11 | -2.01 | 20.1  | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM16  | 21.22 | -2.01 | 19.21 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM64  | 20.69 | -2.01 | 18.68 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM64  | 20.31 | -2.01 | 18.3  | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM64  | 20.58 | -2.01 | 18.57 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM64  | 20.73 | -2.01 | 18.72 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM256 | 18.68 | -2.01 | 16.67 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM256 | 18.51 | -2.01 | 16.5  | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM256 | 18.79 | -2.01 | 16.78 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM256 | 18.72 | -2.01 | 16.71 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QPSK    | 21.69 | -2.01 | 19.68 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QPSK    | 21.54 | -2.01 | 19.53 | 33.01 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n38 | 30 | 40 | 519000 | 1@104 | CP_QPSK    | 21.5  | -2.01 | 19.49 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QPSK    | 20.23 | -2.01 | 18.22 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM16   | 21.15 | -2.01 | 19.14 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM16   | 21.42 | -2.01 | 19.41 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM16   | 21.14 | -2.01 | 19.13 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QAM16   | 20.2  | -2.01 | 18.19 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM64   | 19.75 | -2.01 | 17.74 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM64   | 19.85 | -2.01 | 17.84 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM64   | 20.35 | -2.01 | 18.34 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QAM64   | 19.75 | -2.01 | 17.74 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM256  | 16.68 | -2.01 | 14.67 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM256  | 16.59 | -2.01 | 14.58 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM256  | 16.6  | -2.01 | 14.59 | 33.01 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QAM256  | 16.76 | -2.01 | 14.75 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_BPSK   | 23.21 | -2.01 | 21.2  | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_BPSK   | 23.02 | -2.01 | 21.01 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_BPSK   | 23.09 | -2.01 | 21.08 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_BPSK   | 22.67 | -2.01 | 20.66 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QPSK   | 23.23 | -2.01 | 21.22 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QPSK   | 22.88 | -2.01 | 20.87 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QPSK   | 22.9  | -2.01 | 20.89 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QPSK   | 22.15 | -2.01 | 20.14 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM16  | 22.28 | -2.01 | 20.27 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM16  | 22.13 | -2.01 | 20.12 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM16  | 22.56 | -2.01 | 20.55 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM16  | 21.21 | -2.01 | 19.2  | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM64  | 20.75 | -2.01 | 18.74 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM64  | 20.31 | -2.01 | 18.3  | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM64  | 20.51 | -2.01 | 18.5  | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM64  | 20.78 | -2.01 | 18.77 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM256 | 18.75 | -2.01 | 16.74 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM256 | 18.69 | -2.01 | 16.68 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM256 | 18.55 | -2.01 | 16.54 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM256 | 18.75 | -2.01 | 16.74 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QPSK    | 21.78 | -2.01 | 19.77 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QPSK    | 21.52 | -2.01 | 19.51 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QPSK    | 21.57 | -2.01 | 19.56 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QPSK    | 20.24 | -2.01 | 18.23 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM16   | 21.25 | -2.01 | 19.24 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM16   | 20.98 | -2.01 | 18.97 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM16   | 20.97 | -2.01 | 18.96 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QAM16   | 20.21 | -2.01 | 18.2  | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM64   | 19.79 | -2.01 | 17.78 | 33.01 | PASS |

|     |    |    |        |       |           |       |       |       |       |      |
|-----|----|----|--------|-------|-----------|-------|-------|-------|-------|------|
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM64  | 20.23 | -2.01 | 18.22 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM64  | 20.36 | -2.01 | 18.35 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QAM64  | 19.77 | -2.01 | 17.76 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM256 | 16.78 | -2.01 | 14.77 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM256 | 16.48 | -2.01 | 14.47 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM256 | 16.63 | -2.01 | 14.62 | 33.01 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QAM256 | 16.77 | -2.01 | 14.76 | 33.01 | PASS |

## 2 Frequency stability for NR FR1

### NT:

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Voltage (Vdc) | Result(Hz) | Result (ppm) | Limit (ppm)                          | Verdict |
|------|-----------|-----------------|------------|---------------|------------|---------------|------------|--------------|--------------------------------------|---------|
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 3.82          | -3.23      | 0.00         | Within authorized band for 5G NR n38 | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 3.45          | -3.86      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 4.53          | -7.96      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 3.82          | -9.67      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 3.45          | -6.81      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 4.53          | -5.85      | 0.00         |                                      | PASS    |

Note: Only the worst case shown in the report.

### NV:

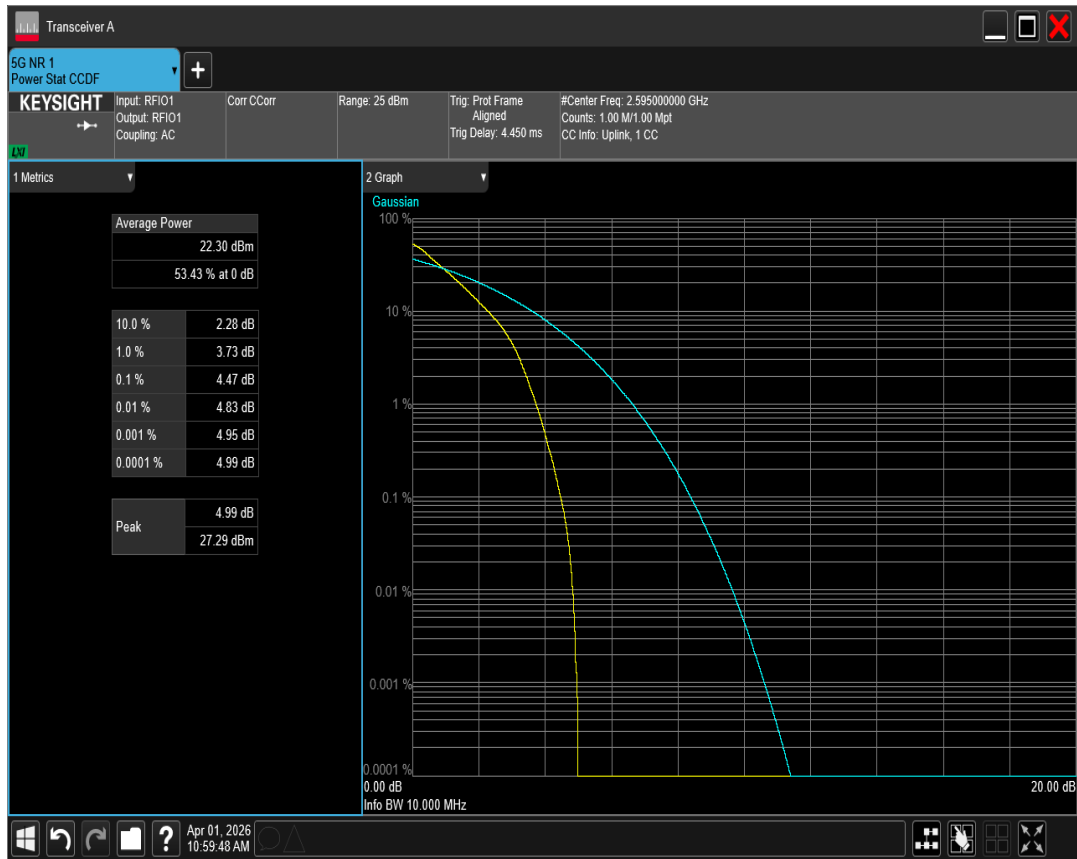
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Temperature(°C) | Result(Hz) | Result (ppm) | Limit (ppm)                          | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------|--------------|--------------------------------------|---------|
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | -30             | -5.34      | 0.00         | Within authorized band for 5G NR n38 | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | -20             | -4.76      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | -10             | -3.55      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 0               | -2.32      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 10              | -5.63      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 20              | -3.57      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 30              | -5.34      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 40              | -6.01      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 50              | -5.42      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | -30             | -4.08      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | -20             | -4.12      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | -10             | -6.2       | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 0               | -4.04      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 10              | -3.69      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 20              | -3.64      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 30              | -3.96      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 40              | -5.96      | 0.00         |                                      | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 50              | -4.67      | 0.00         |                                      | PASS    |

Note: Only the worst case shown in the report.

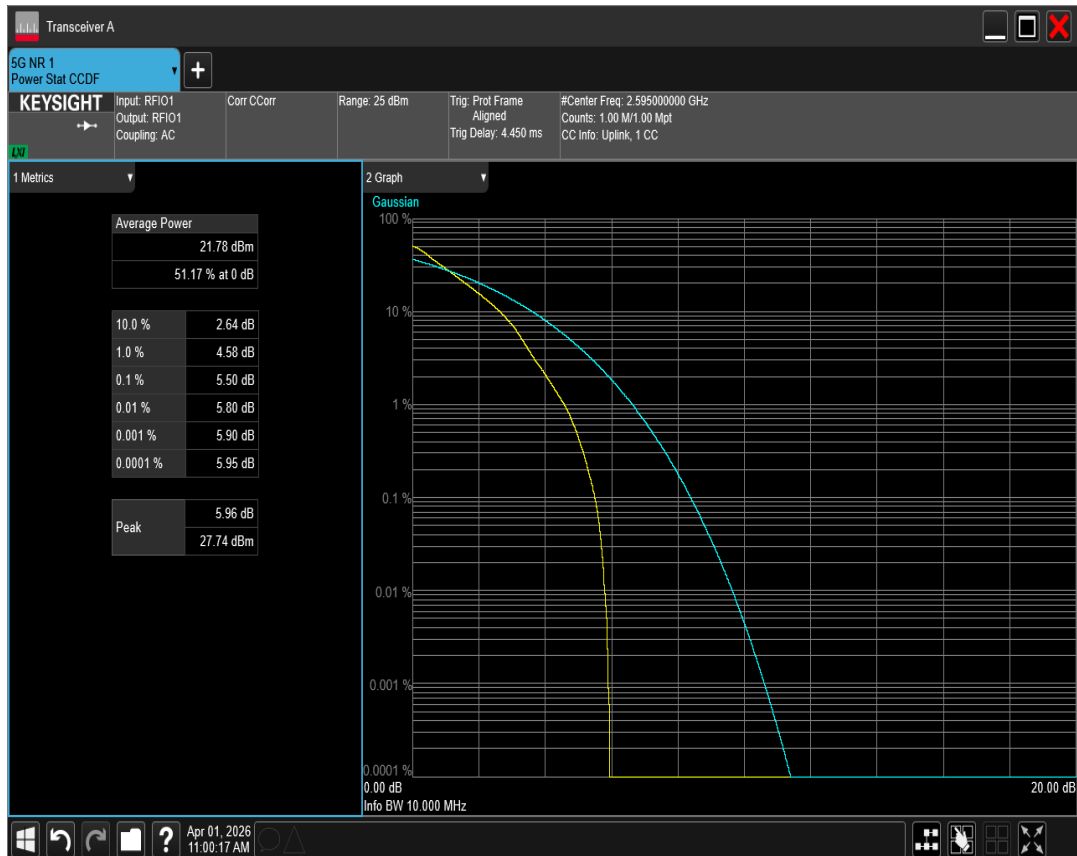
## 3 Peak-to-Average Ratio for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n38  | 30        | 10              | 519000     | 24@0          | DFT_BPSK   | 4.47        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QPSK   | 5.50        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM16  | 6.12        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM64  | 6.54        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM256 | 7.02        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_BPSK   | 4.32        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QPSK   | 5.36        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM16  | 6.13        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM64  | 6.33        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM256 | 6.77        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_BPSK   | 4.40        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_QPSK   | 5.47        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_QAM16  | 6.06        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_QAM64  | 6.42        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_QAM256 | 6.78        | 13              | PASS    |
| n38  | 30        | 40              | 519000     | 100@0         | DFT_BPSK   | 4.56        | 13              | PASS    |
| n38  | 30        | 40              | 519000     | 100@0         | DFT_QPSK   | 5.58        | 13              | PASS    |
| n38  | 30        | 40              | 519000     | 100@0         | DFT_QAM16  | 6.33        | 13              | PASS    |
| n38  | 30        | 40              | 519000     | 100@0         | DFT_QAM64  | 6.52        | 13              | PASS    |
| n38  | 30        | 40              | 519000     | 100@0         | DFT_QAM256 | 6.77        | 13              | PASS    |

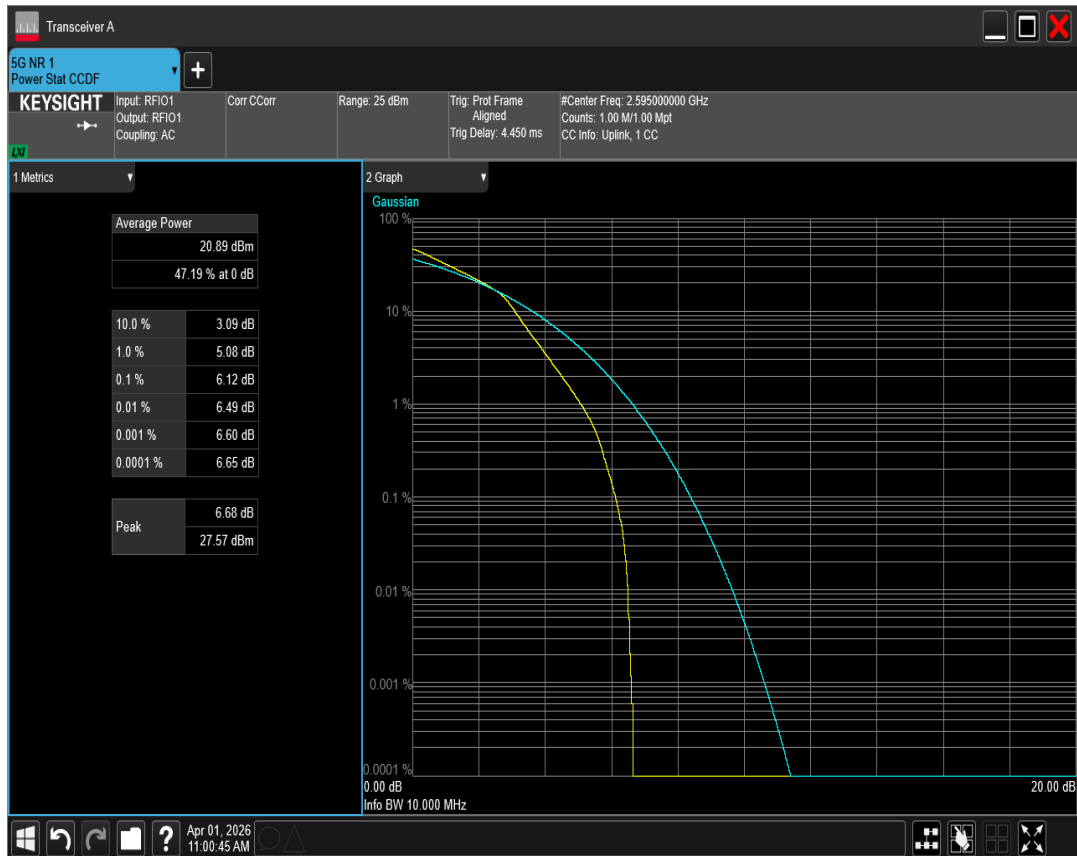
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=519000 RB=24@0



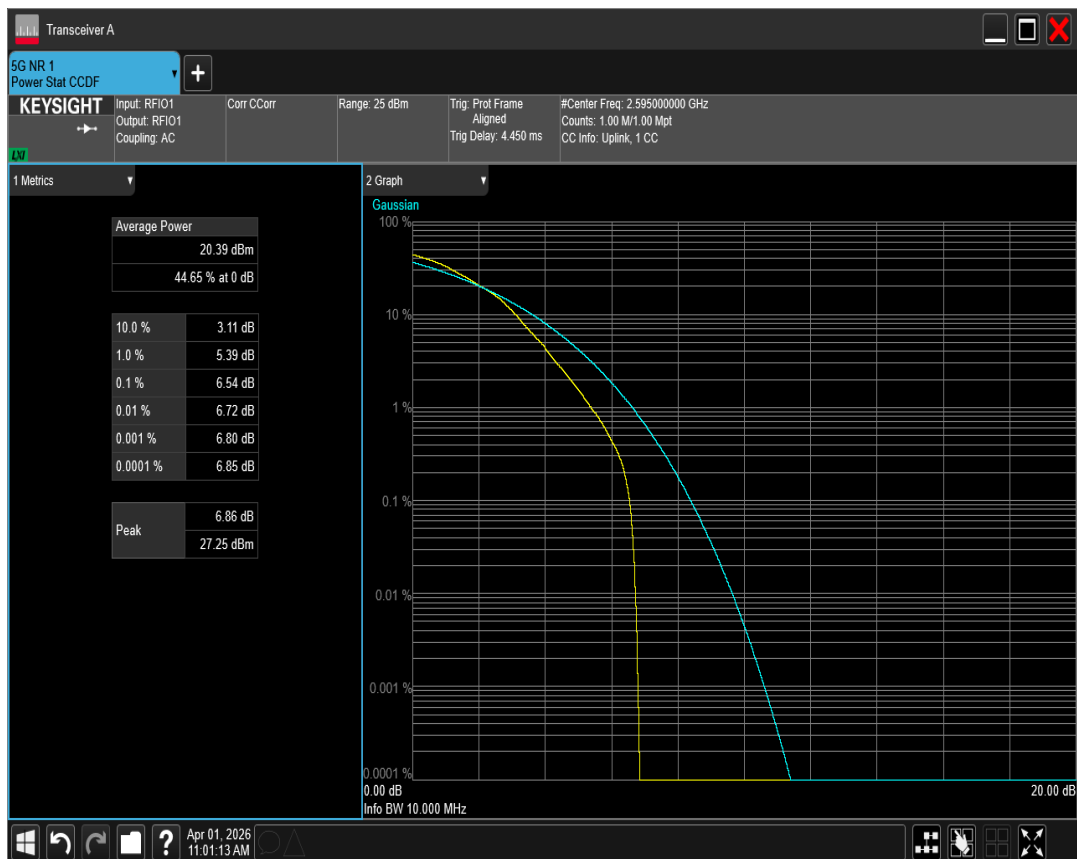
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24@0



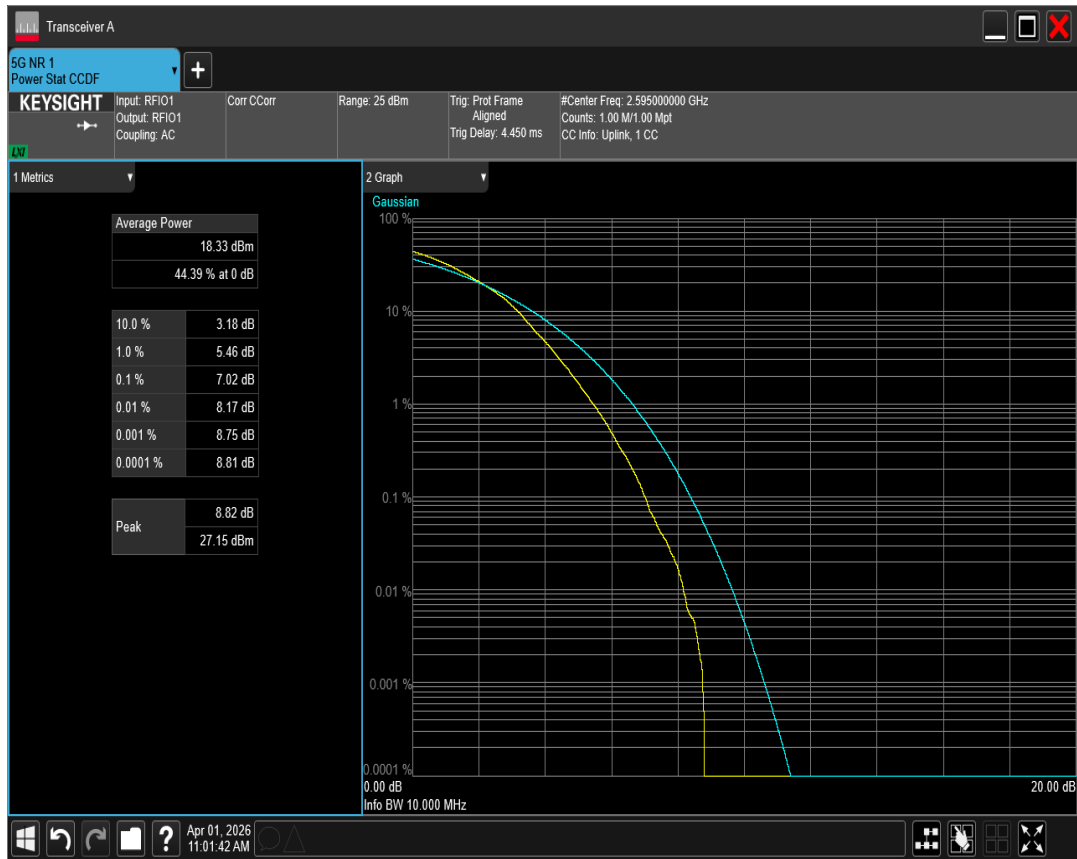
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=519000 RB=24@0



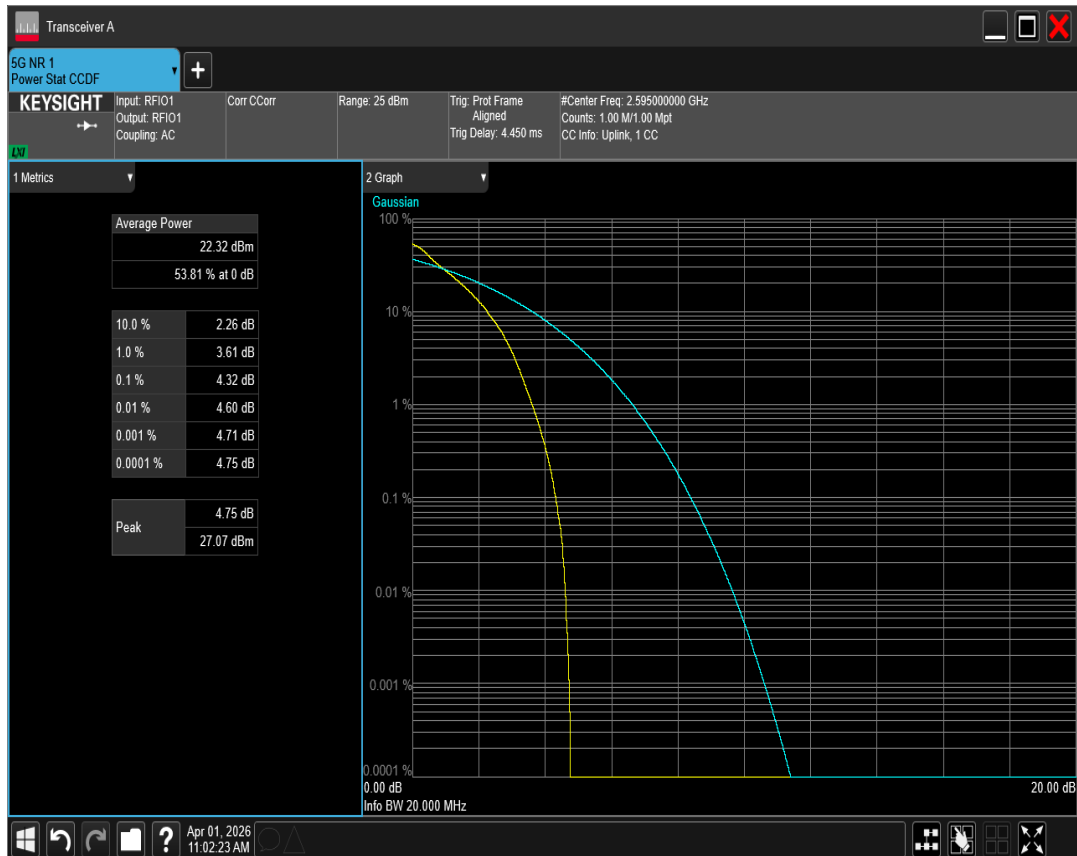
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=519000 RB=24@0



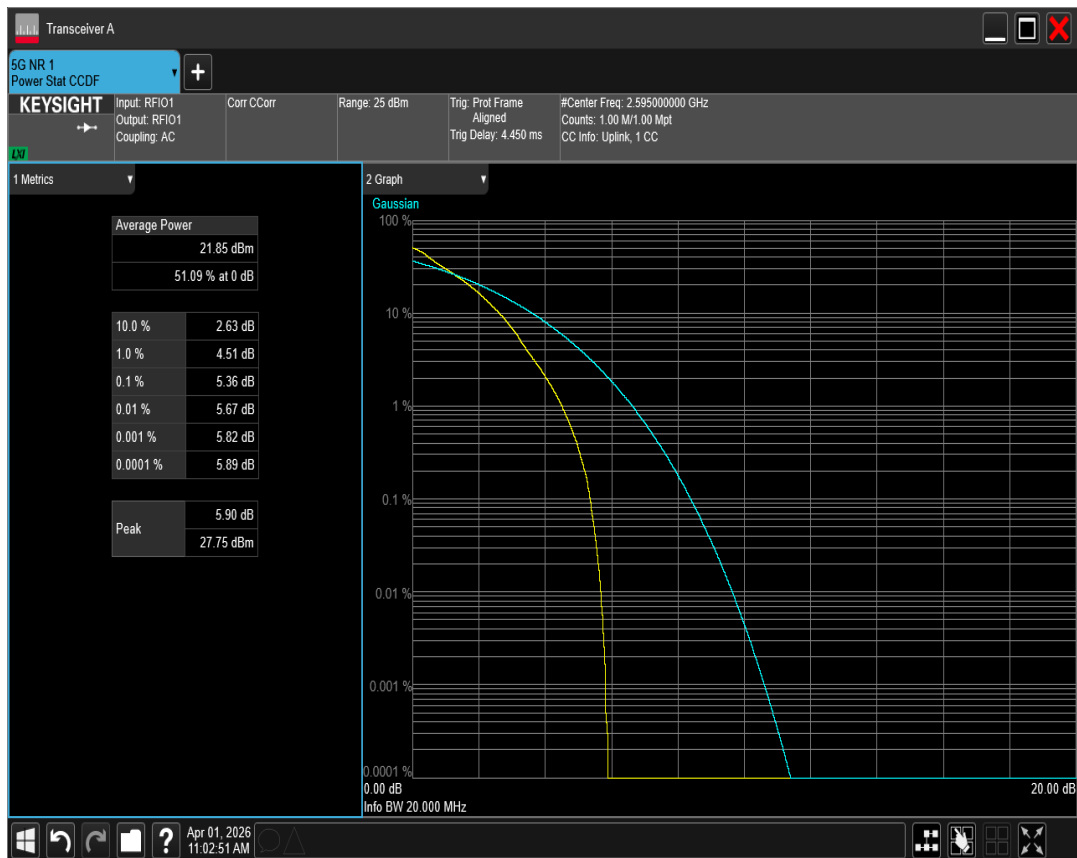
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=519000 RB=24@0



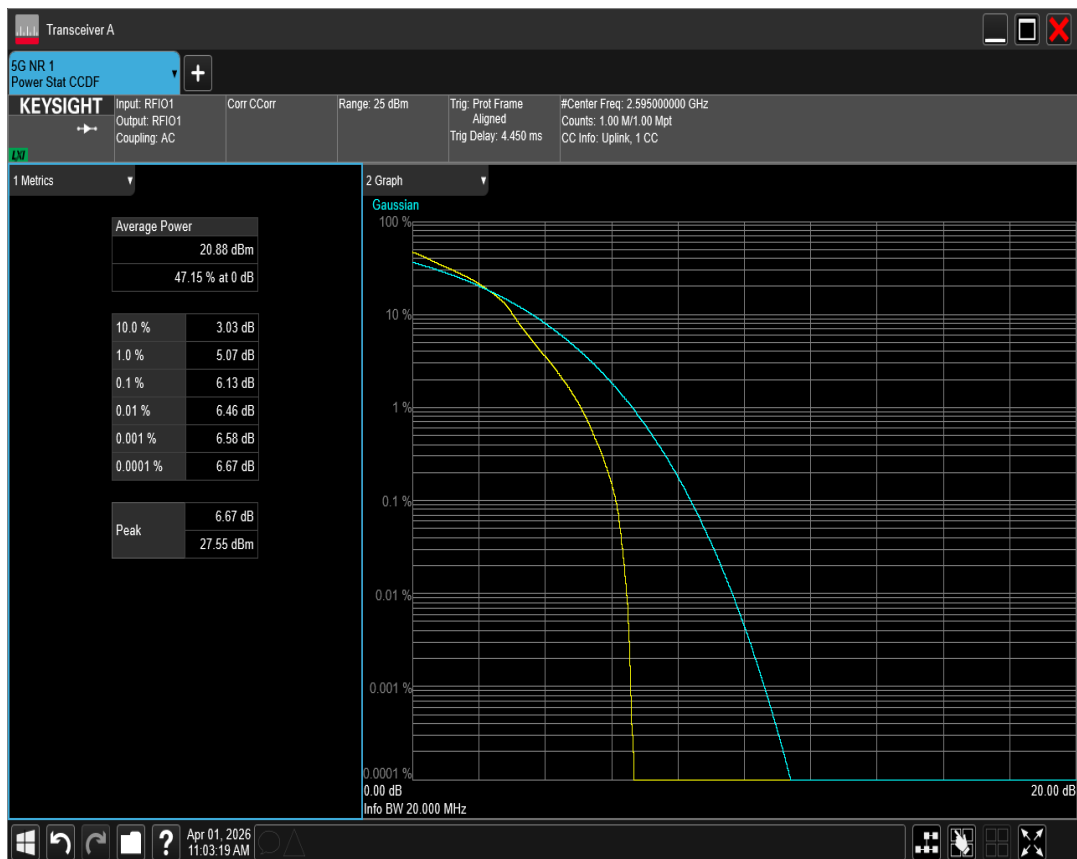
n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=519000 RB=36@0



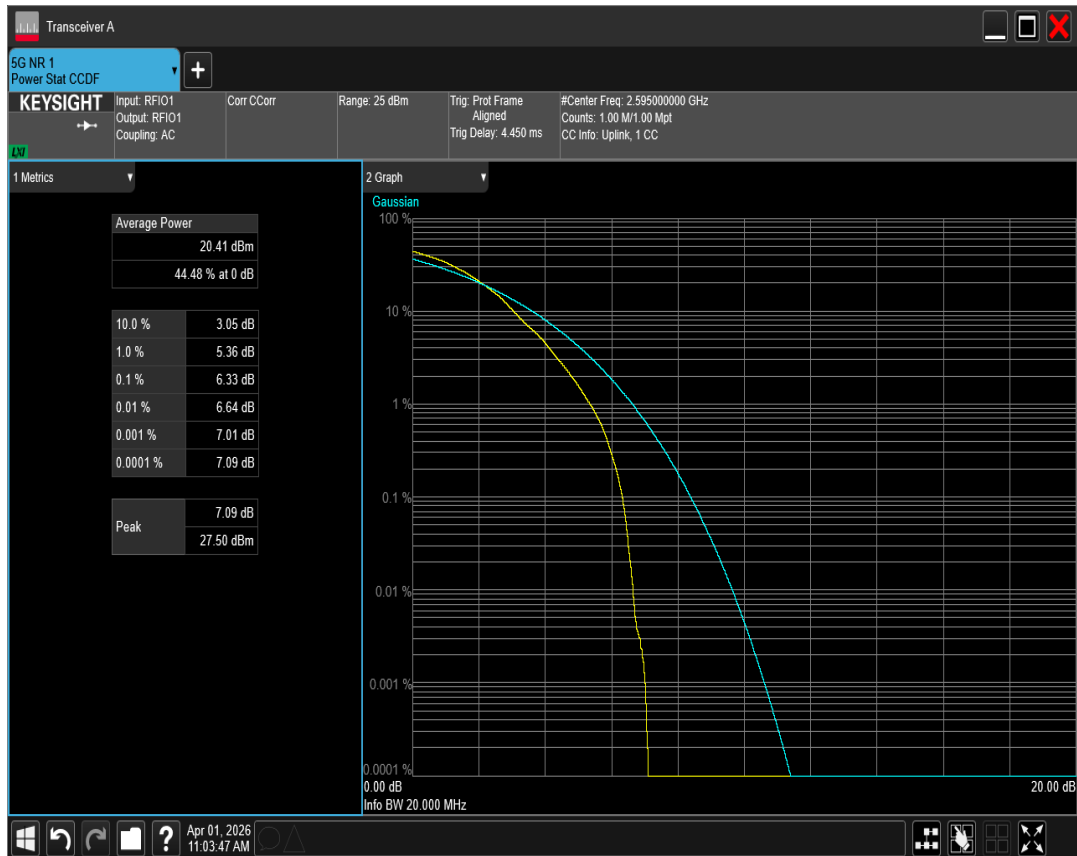
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=519000 RB=36@0



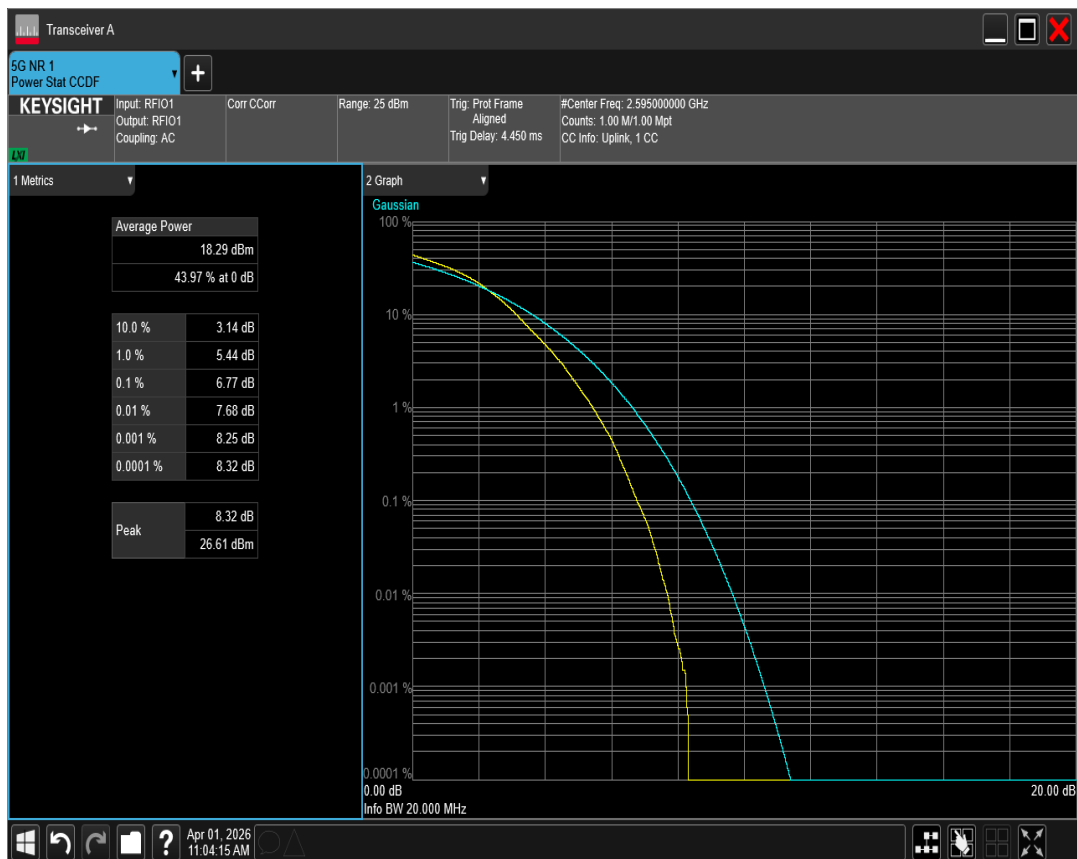
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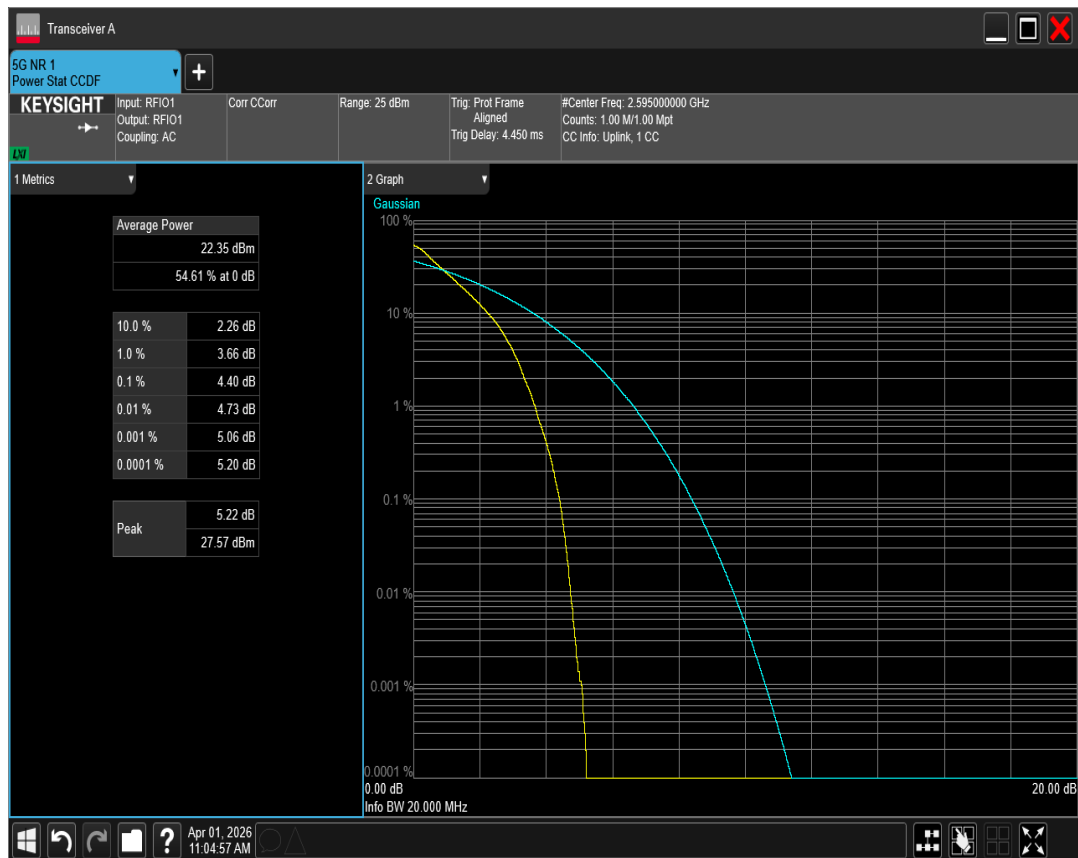
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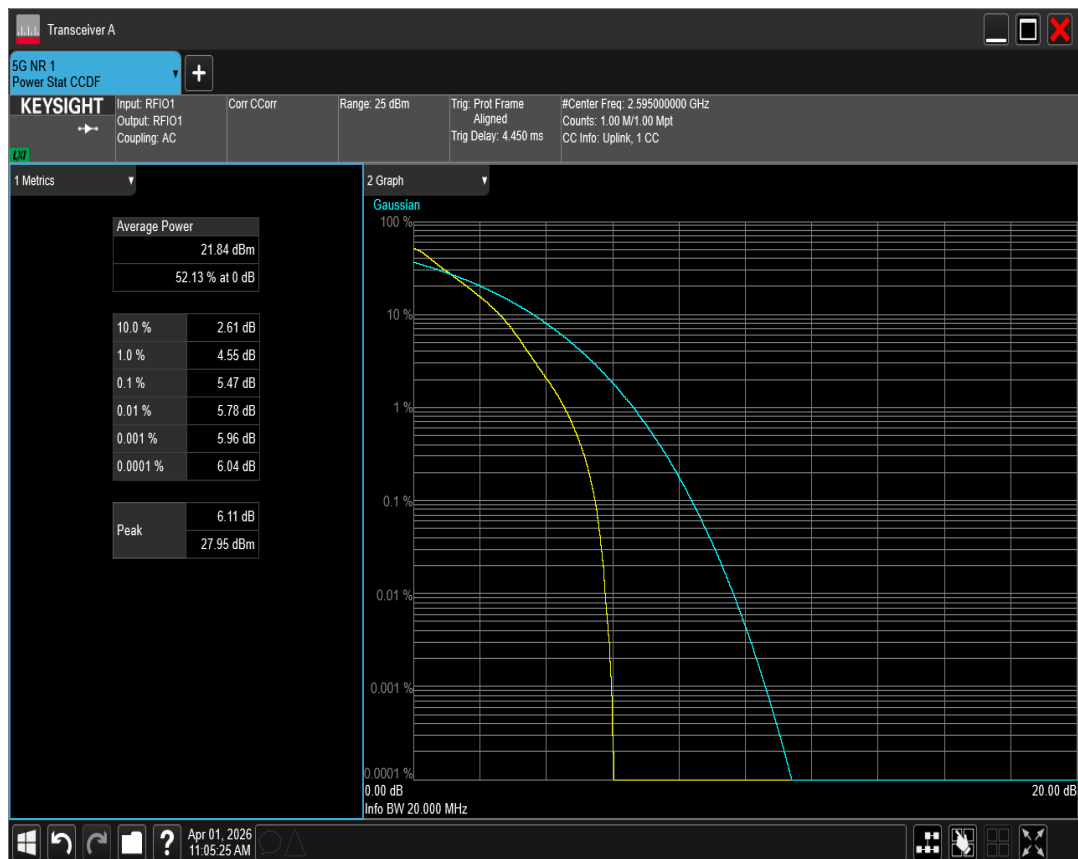
n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=36@0



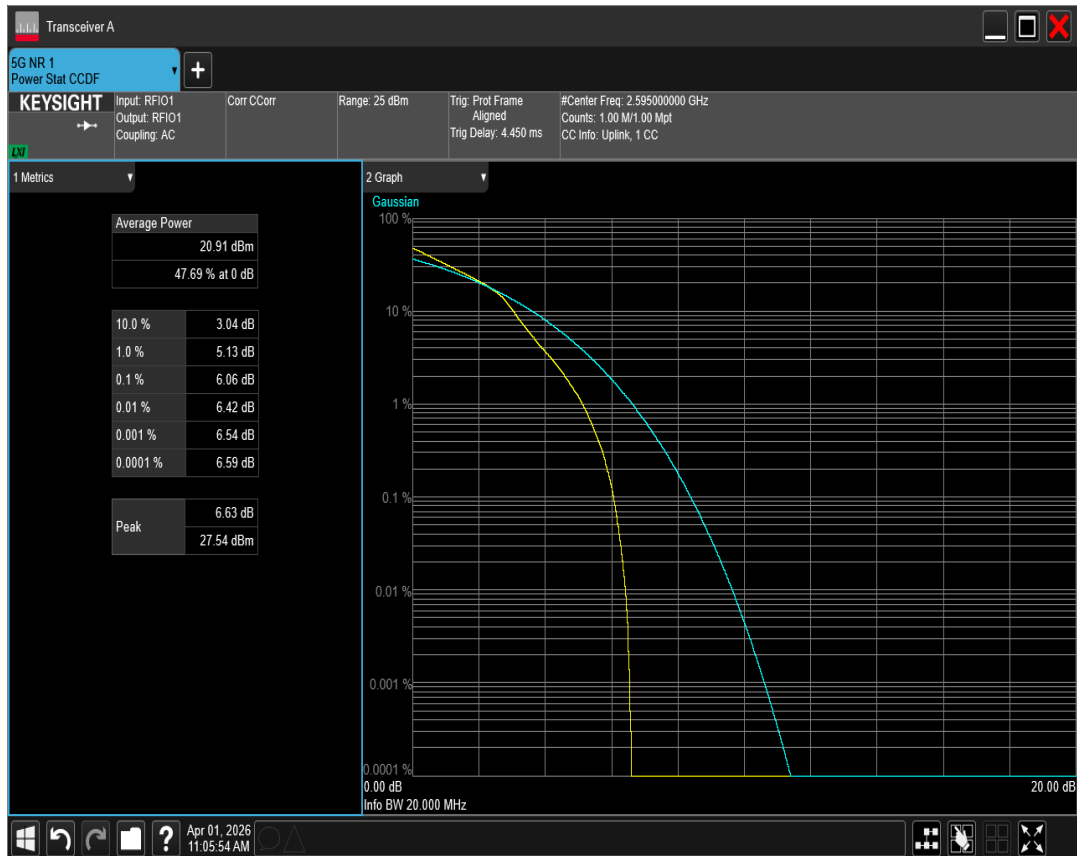
n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=519000 RB=50@0



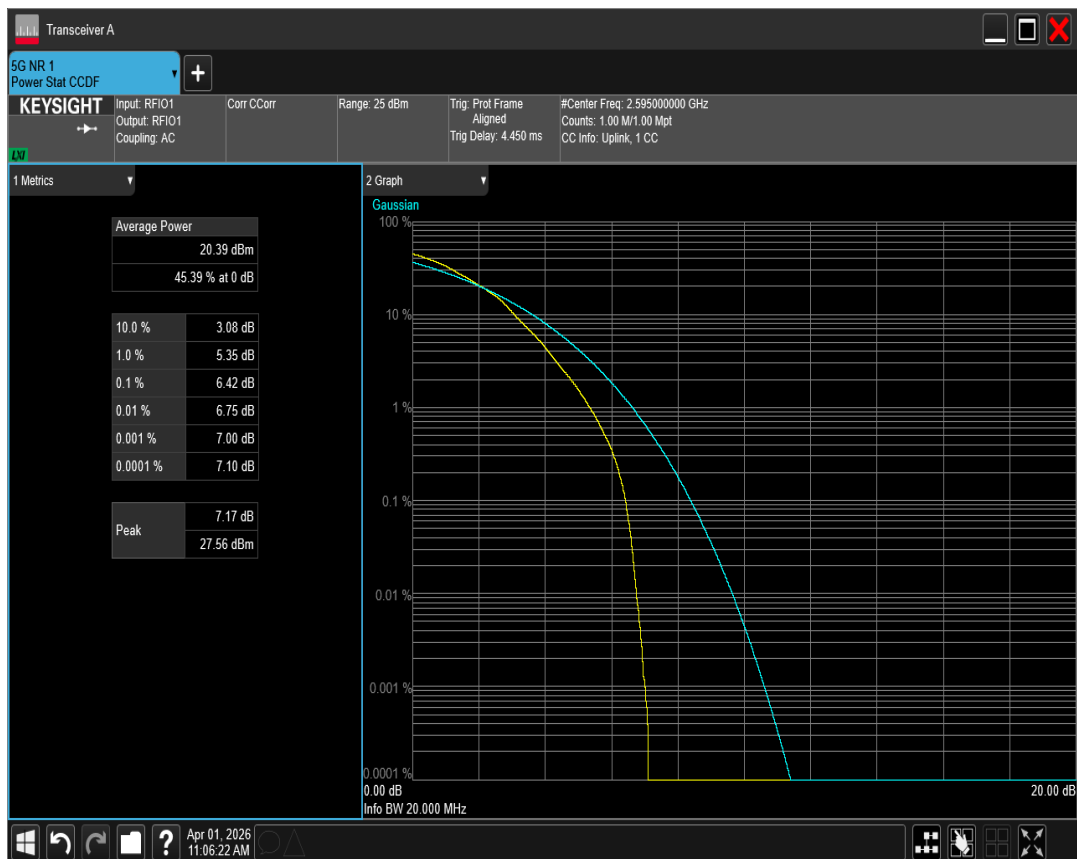
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=519000 RB=50@0



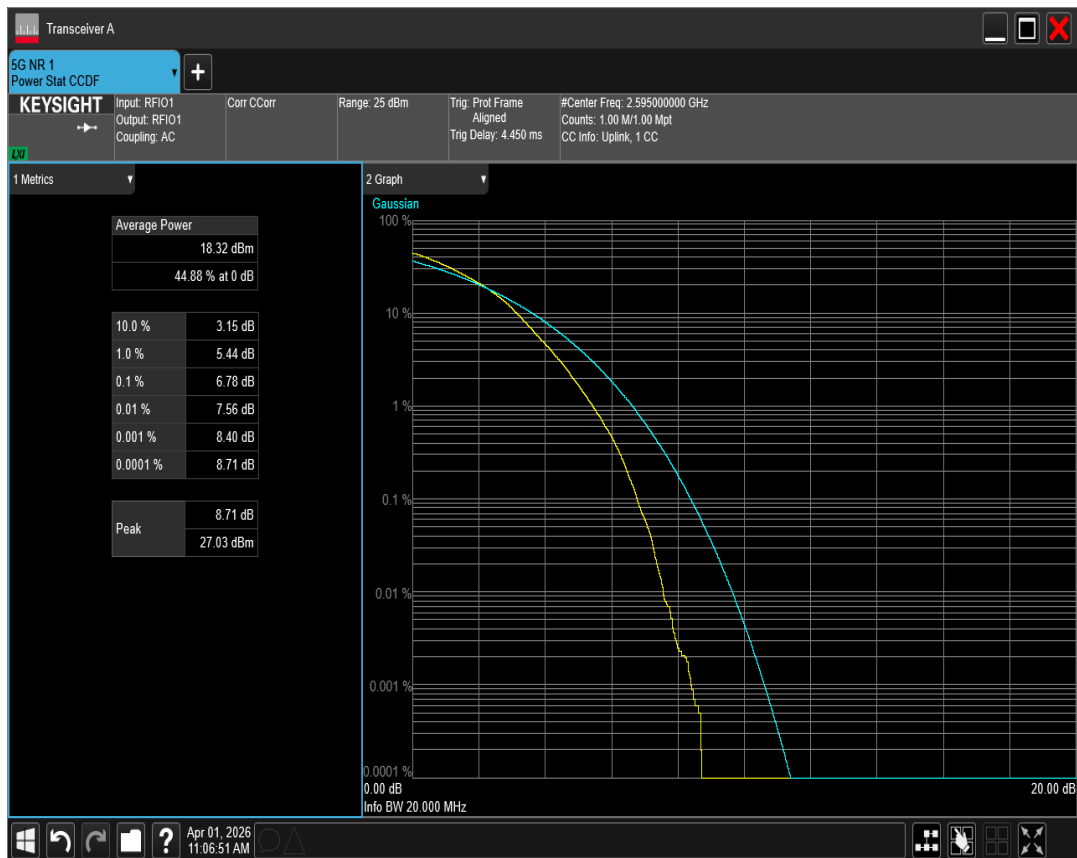
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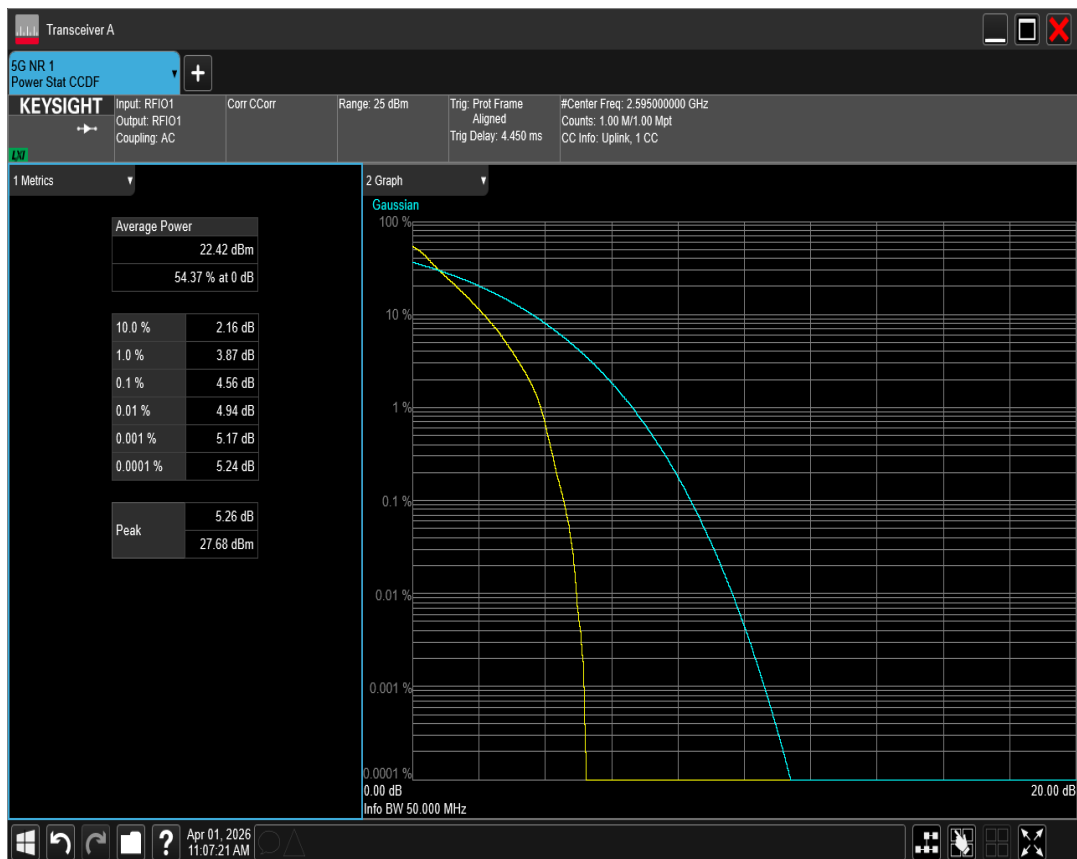
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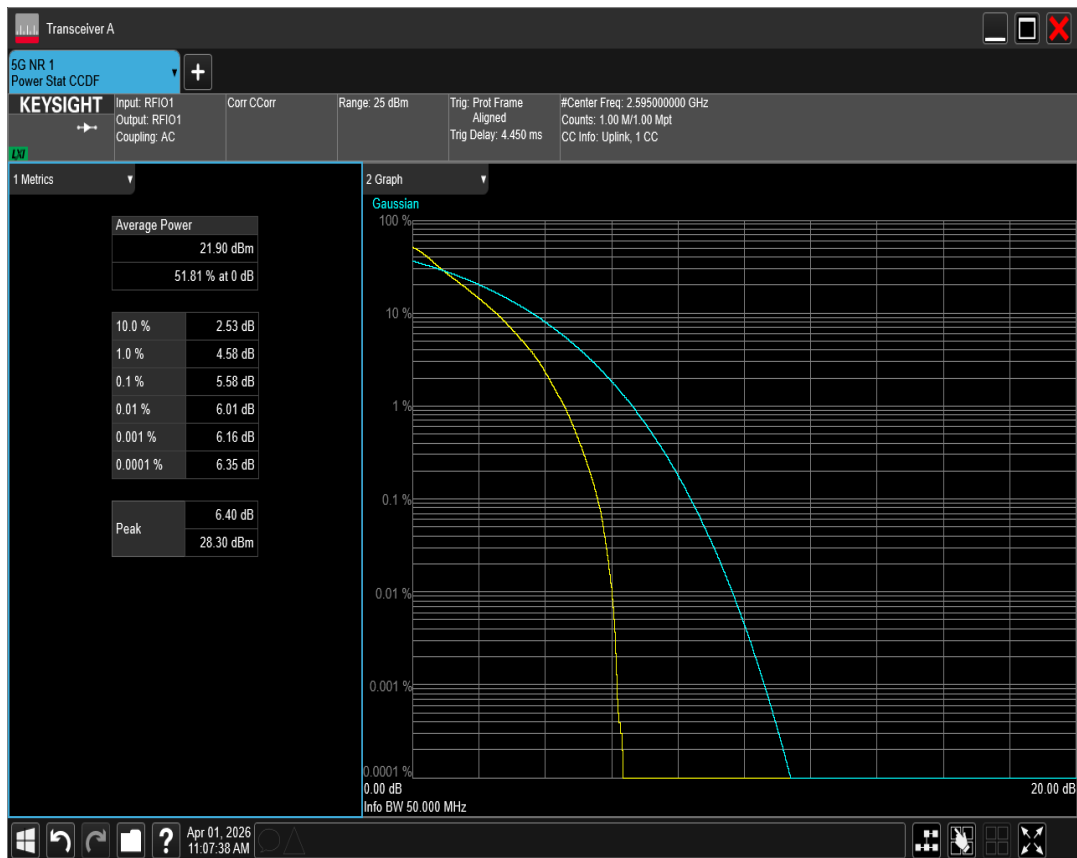
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=50@0



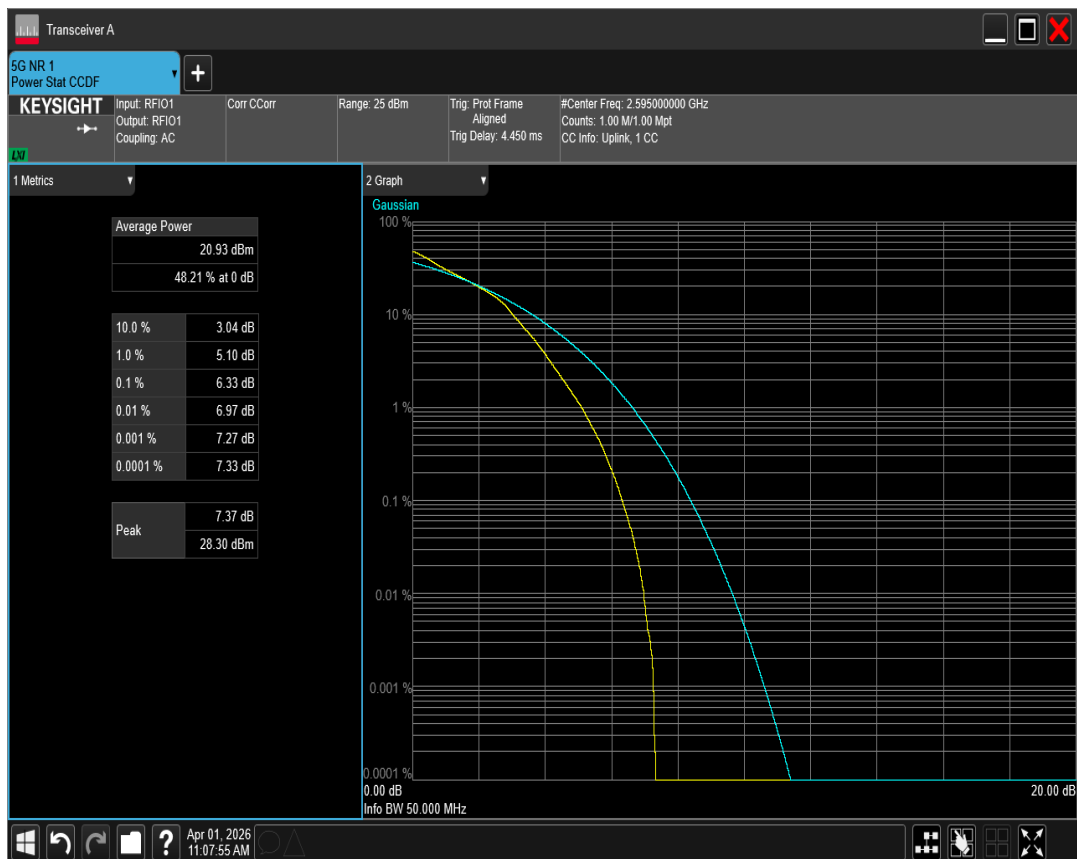
n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=519000 RB=100@0



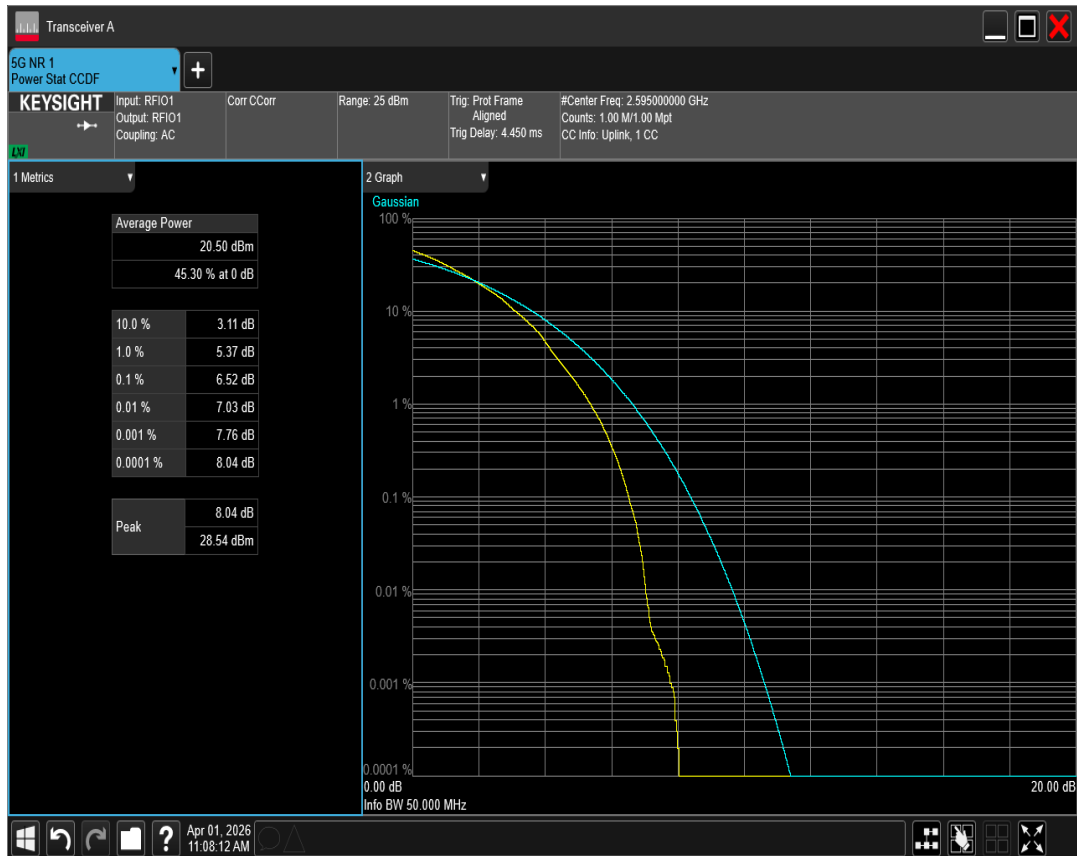
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



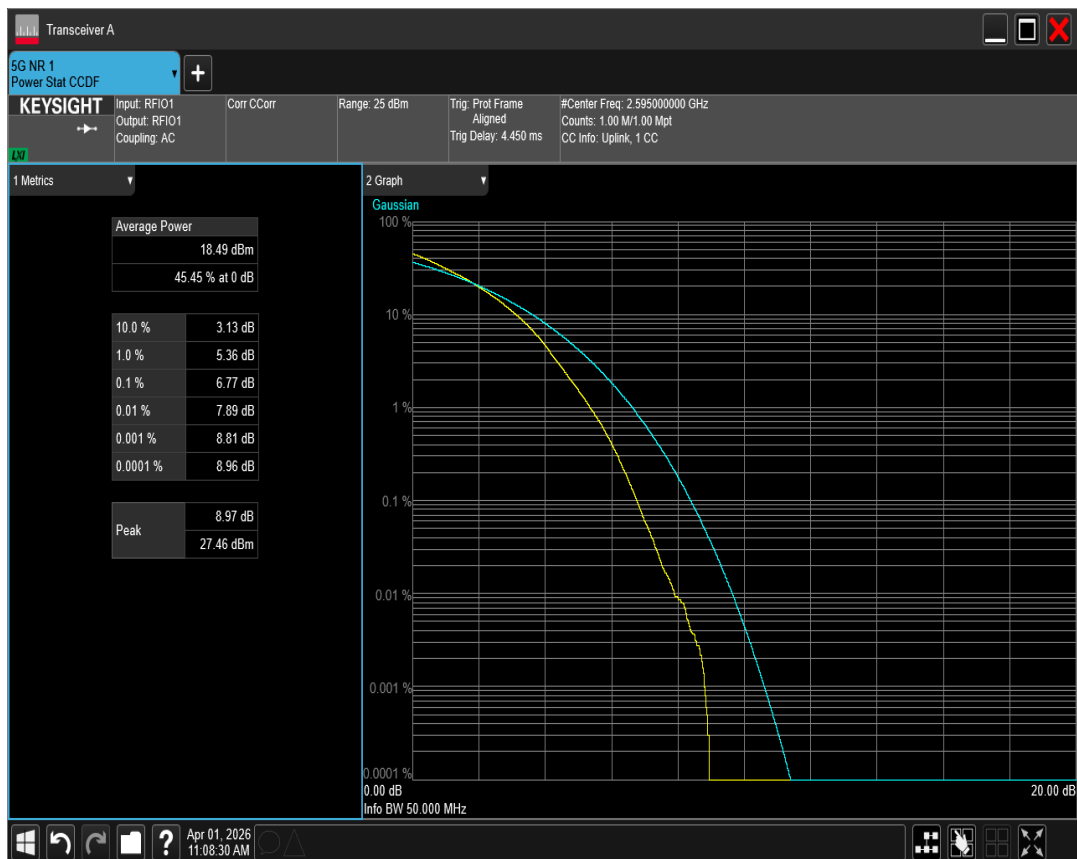
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=100@0



n38 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=519000 RB=100@0



n38 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=100@0

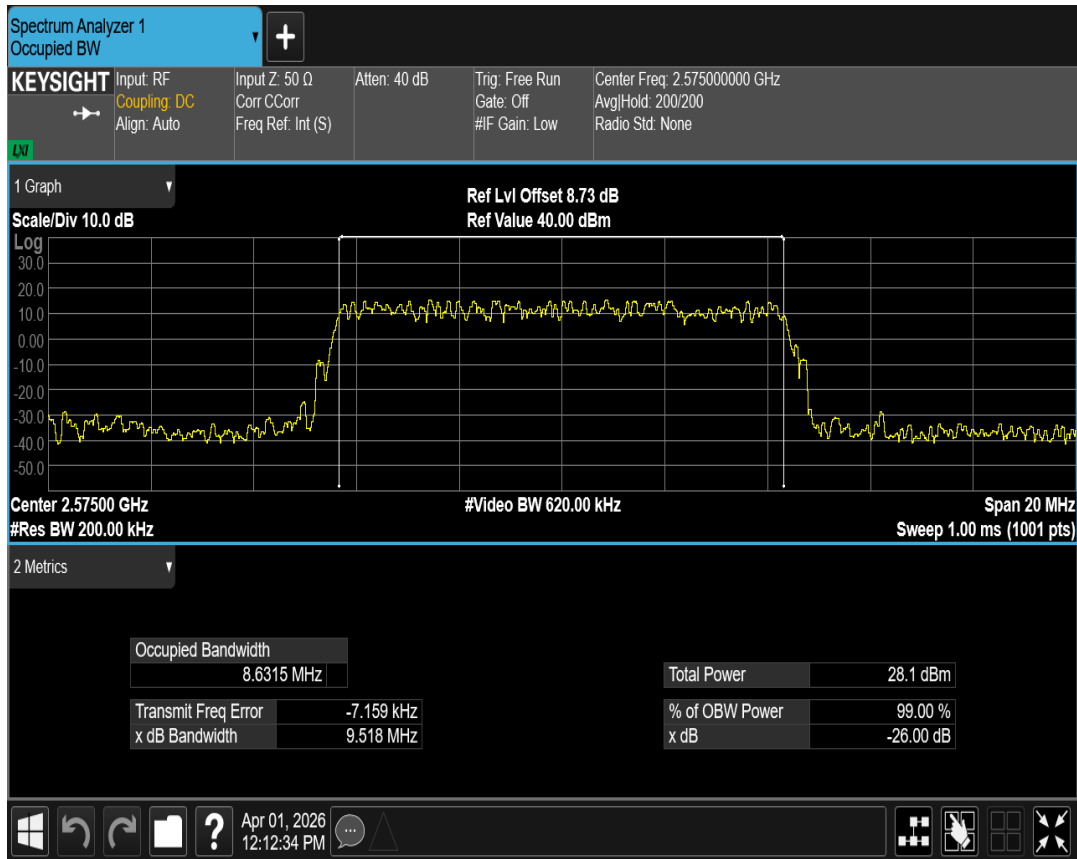


## 4 Occupied bandwidth for NR FR1

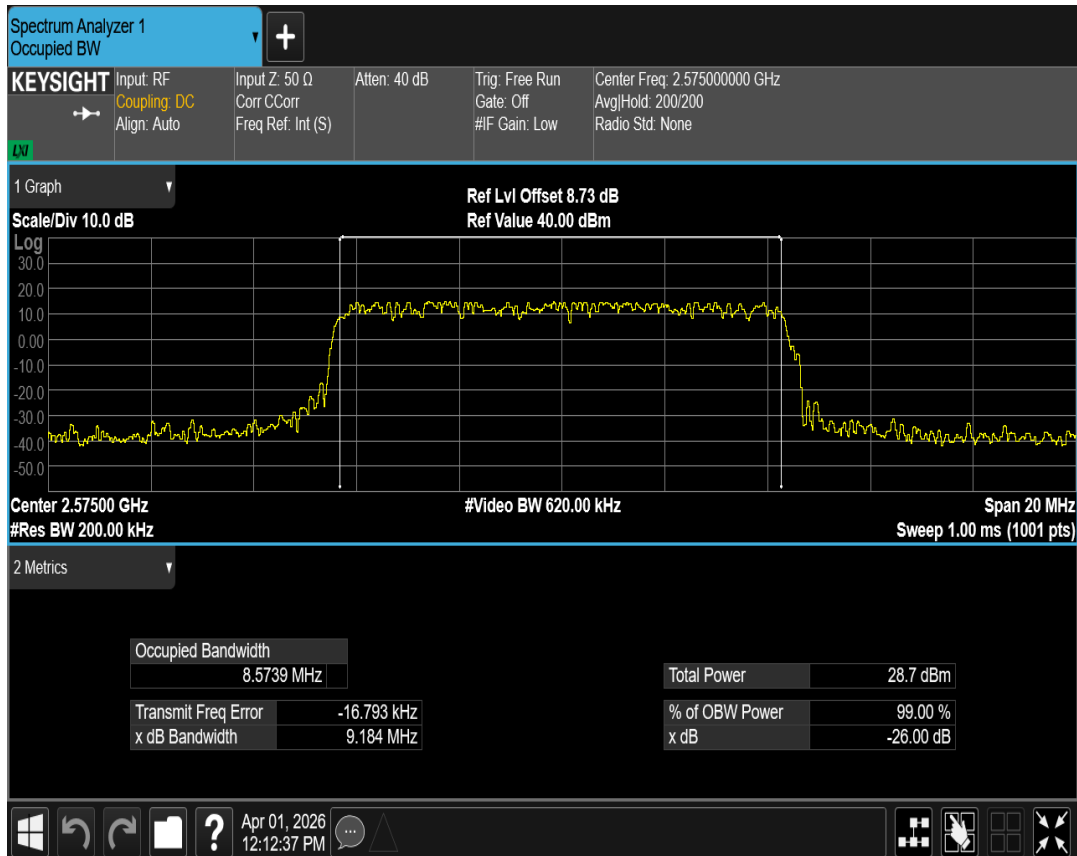
| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|--------------------|---------|
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_BPSK   | 8.631            | 9.518              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QPSK   | 8.574            | 9.184              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM16  | 8.602            | 9.161              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM64  | 8.580            | 9.253              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QAM256 | 8.510            | 9.169              | PASS    |
| n38  | 30           | 10                 | 515000        | 24@0             | CP_QPSK    | 8.616            | 9.258              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_BPSK   | 8.631            | 9.378              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_QPSK   | 8.605            | 9.329              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_QAM16  | 8.580            | 9.125              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_QAM64  | 8.622            | 9.080              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | DFT_QAM256 | 8.618            | 9.229              | PASS    |
| n38  | 30           | 10                 | 519000        | 24@0             | CP_QPSK    | 8.596            | 9.257              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_BPSK   | 8.638            | 9.155              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QPSK   | 8.622            | 9.082              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QAM16  | 8.633            | 9.083              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QAM64  | 8.647            | 9.313              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QAM256 | 8.578            | 9.207              | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | CP_QPSK    | 8.592            | 9.077              | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_BPSK   | 12.915           | 13.750             | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_QPSK   | 12.899           | 13.547             | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_QAM16  | 12.904           | 13.741             | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_QAM64  | 12.860           | 13.792             | PASS    |
| n38  | 30           | 15                 | 515500        | 36@0             | DFT_QAM256 | 12.868           | 13.597             | PASS    |
| n38  | 30           | 15                 | 515500        | 38@0             | CP_QPSK    | 13.583           | 14.606             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_BPSK   | 12.858           | 13.605             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_QPSK   | 12.877           | 13.817             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_QAM16  | 12.886           | 13.626             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_QAM64  | 12.878           | 13.850             | PASS    |
| n38  | 30           | 15                 | 519000        | 36@0             | DFT_QAM256 | 12.833           | 13.804             | PASS    |
| n38  | 30           | 15                 | 519000        | 38@0             | CP_QPSK    | 13.601           | 14.294             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_BPSK   | 12.850           | 13.678             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_QPSK   | 12.904           | 13.974             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_QAM16  | 12.959           | 13.766             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_QAM64  | 12.857           | 13.567             | PASS    |
| n38  | 30           | 15                 | 522500        | 36@0             | DFT_QAM256 | 12.903           | 13.692             | PASS    |
| n38  | 30           | 15                 | 522500        | 38@0             | CP_QPSK    | 13.579           | 14.499             | PASS    |
| n38  | 30           | 20                 | 516000        | 50@0             | DFT_BPSK   | 18.004           | 18.901             | PASS    |
| n38  | 30           | 20                 | 516000        | 50@0             | DFT_QPSK   | 18.000           | 18.849             | PASS    |
| n38  | 30           | 20                 | 516000        | 50@0             | DFT_QAM16  | 18.048           | 18.901             | PASS    |

|     |    |    |        |       |            |        |        |      |
|-----|----|----|--------|-------|------------|--------|--------|------|
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM64  | 17.960 | 18.918 | PASS |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QAM256 | 17.898 | 18.920 | PASS |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QPSK    | 18.344 | 19.259 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_BPSK   | 18.004 | 18.927 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QPSK   | 17.980 | 18.899 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM16  | 17.953 | 18.929 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM64  | 17.857 | 18.889 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM256 | 18.012 | 18.925 | PASS |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QPSK    | 18.328 | 19.387 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_BPSK   | 17.948 | 18.883 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QPSK   | 17.954 | 18.941 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM16  | 18.068 | 18.861 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM64  | 17.868 | 18.857 | PASS |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QAM256 | 17.948 | 18.925 | PASS |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QPSK    | 18.332 | 19.474 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_BPSK   | 35.857 | 38.012 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QPSK   | 35.854 | 37.684 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM16  | 35.971 | 37.730 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM64  | 35.974 | 37.743 | PASS |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM256 | 35.732 | 37.689 | PASS |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QPSK    | 37.900 | 39.997 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_BPSK   | 35.675 | 37.545 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QPSK   | 35.932 | 37.659 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM16  | 35.870 | 37.854 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM64  | 35.867 | 37.731 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM256 | 35.723 | 37.782 | PASS |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QPSK    | 37.900 | 39.845 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_BPSK   | 35.838 | 37.618 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QPSK   | 36.047 | 37.773 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM16  | 35.931 | 37.860 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM64  | 35.933 | 37.852 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM256 | 36.029 | 37.734 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QPSK    | 37.838 | 39.944 | PASS |

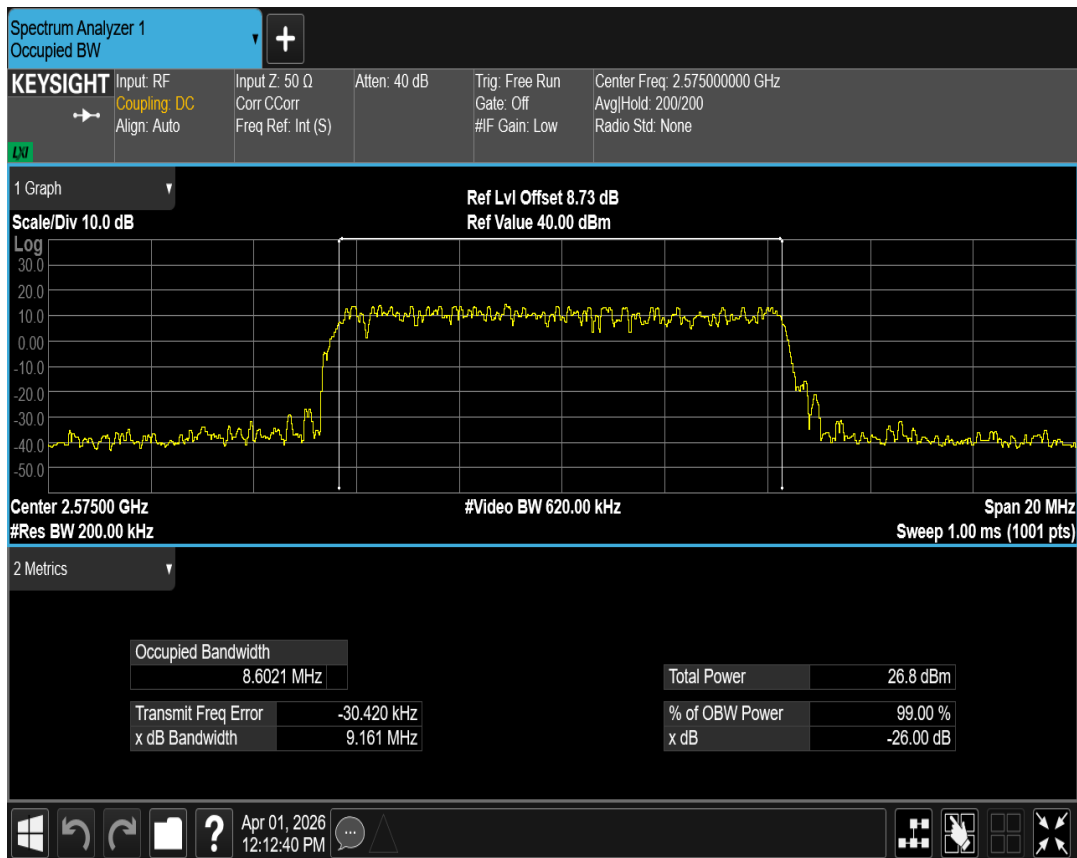
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=515000 RB=24@0



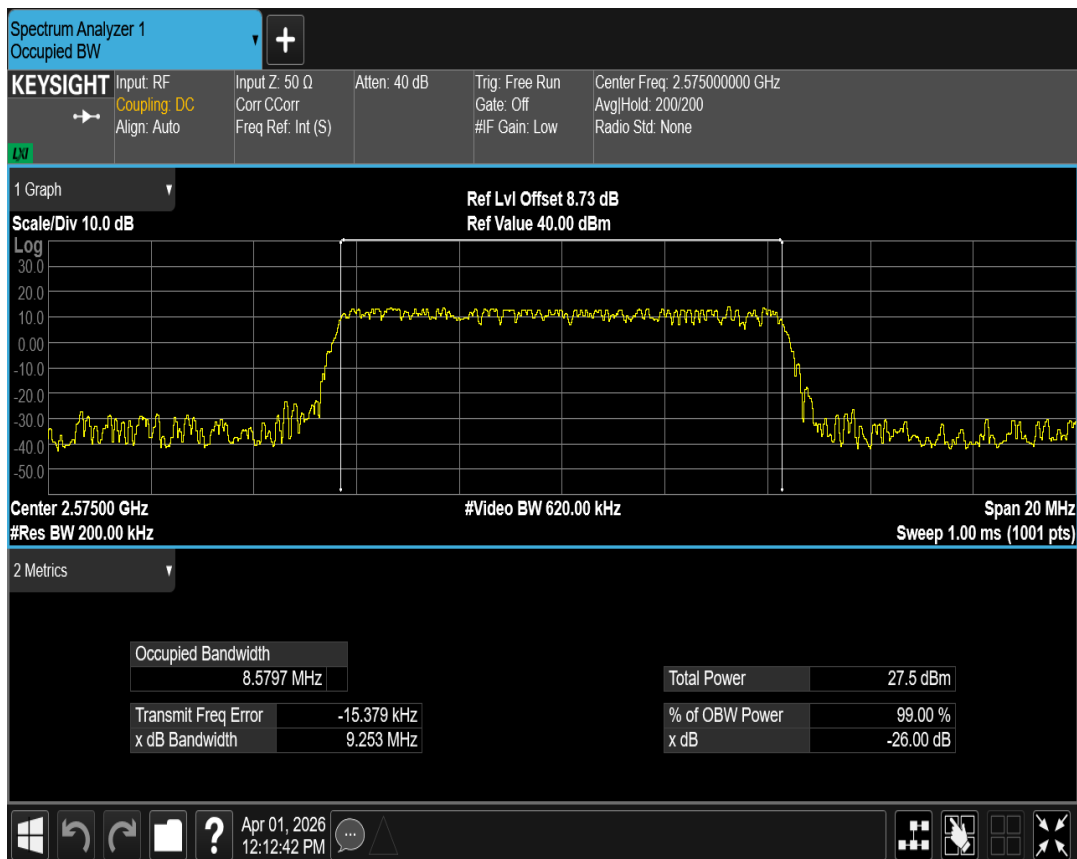
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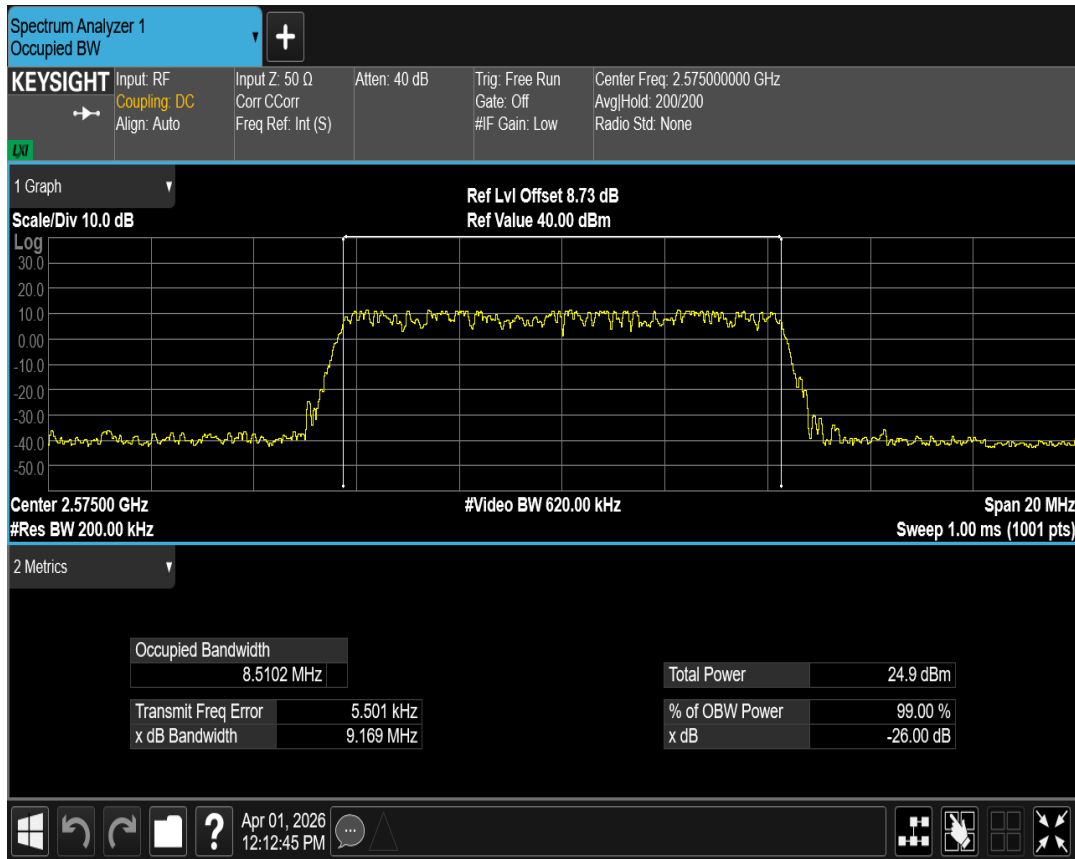
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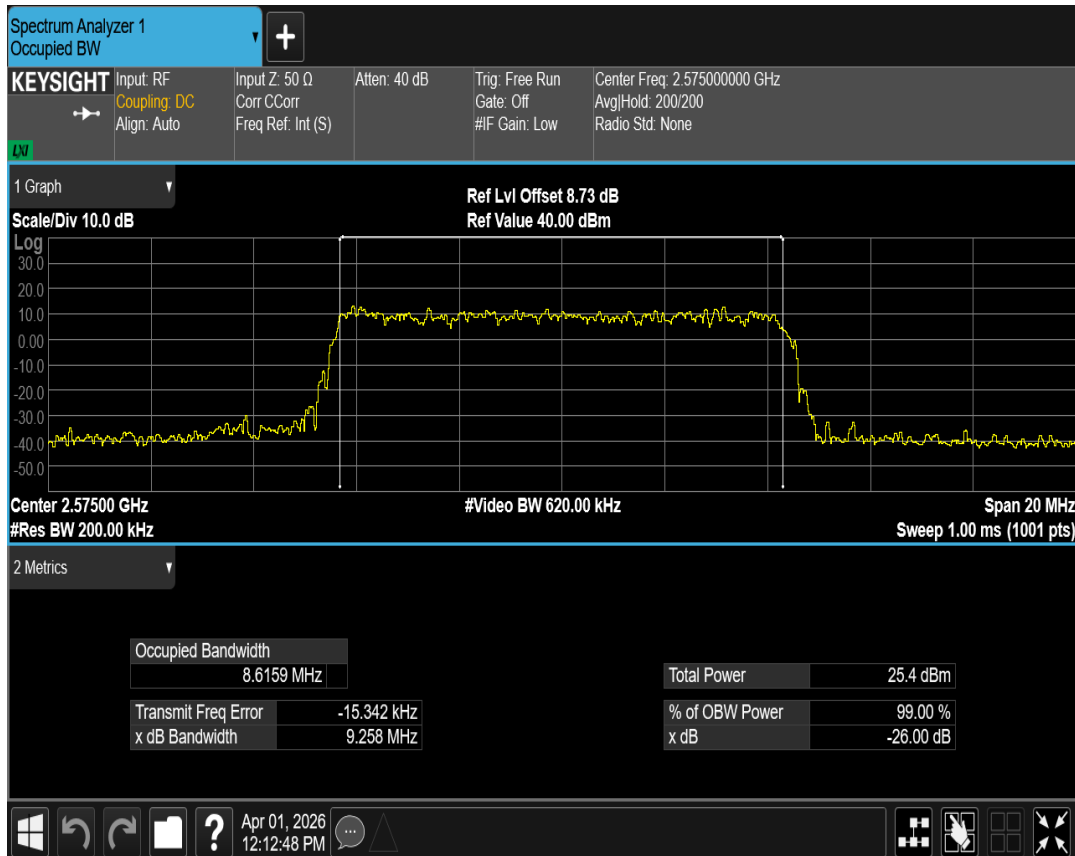
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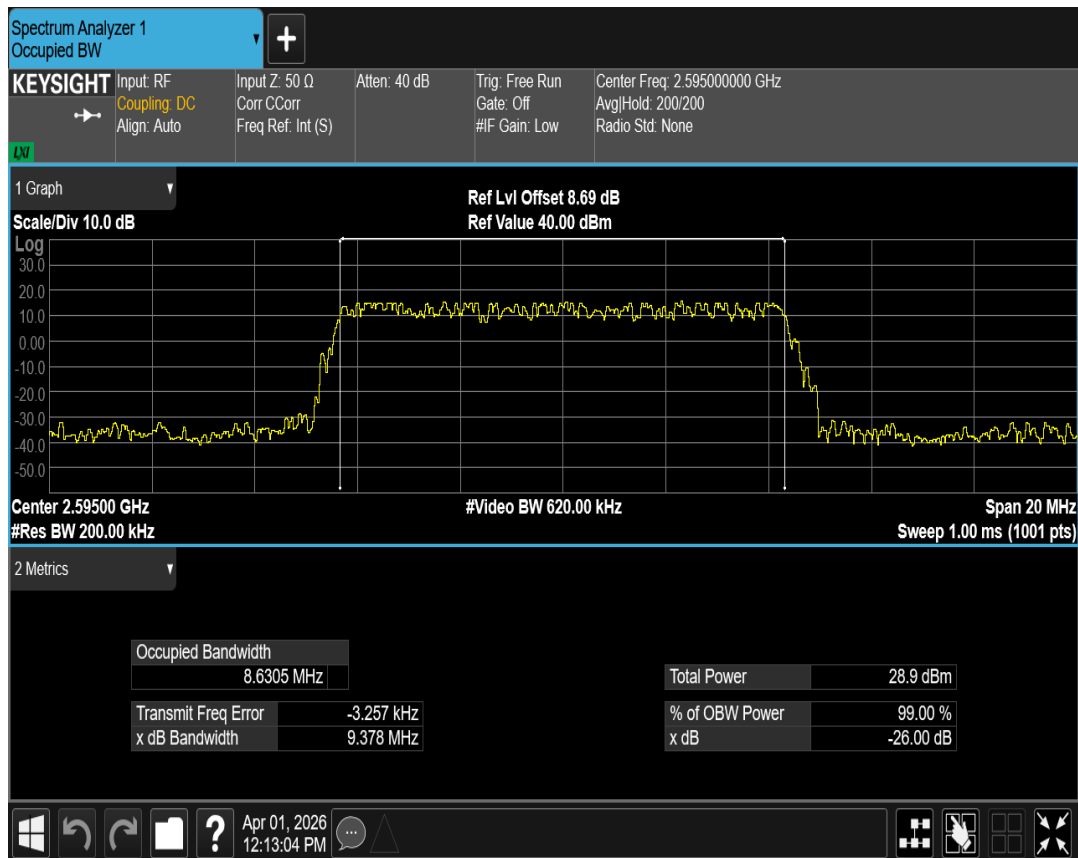
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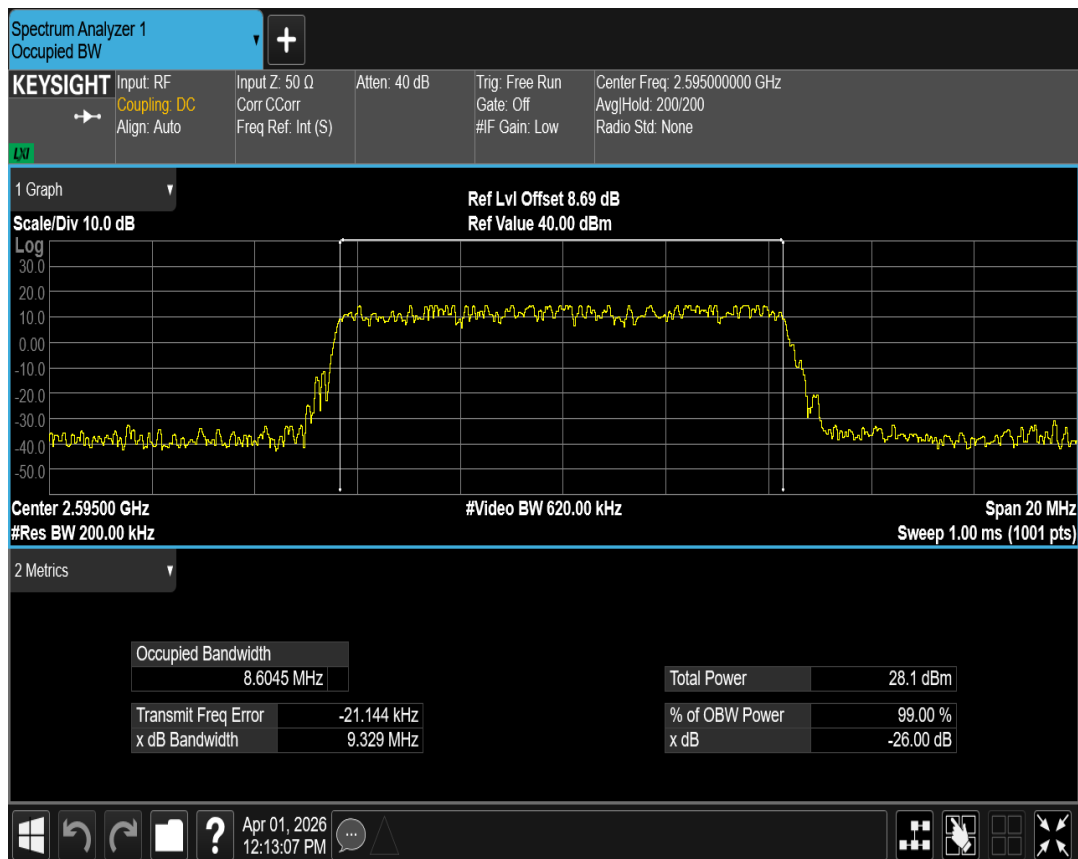
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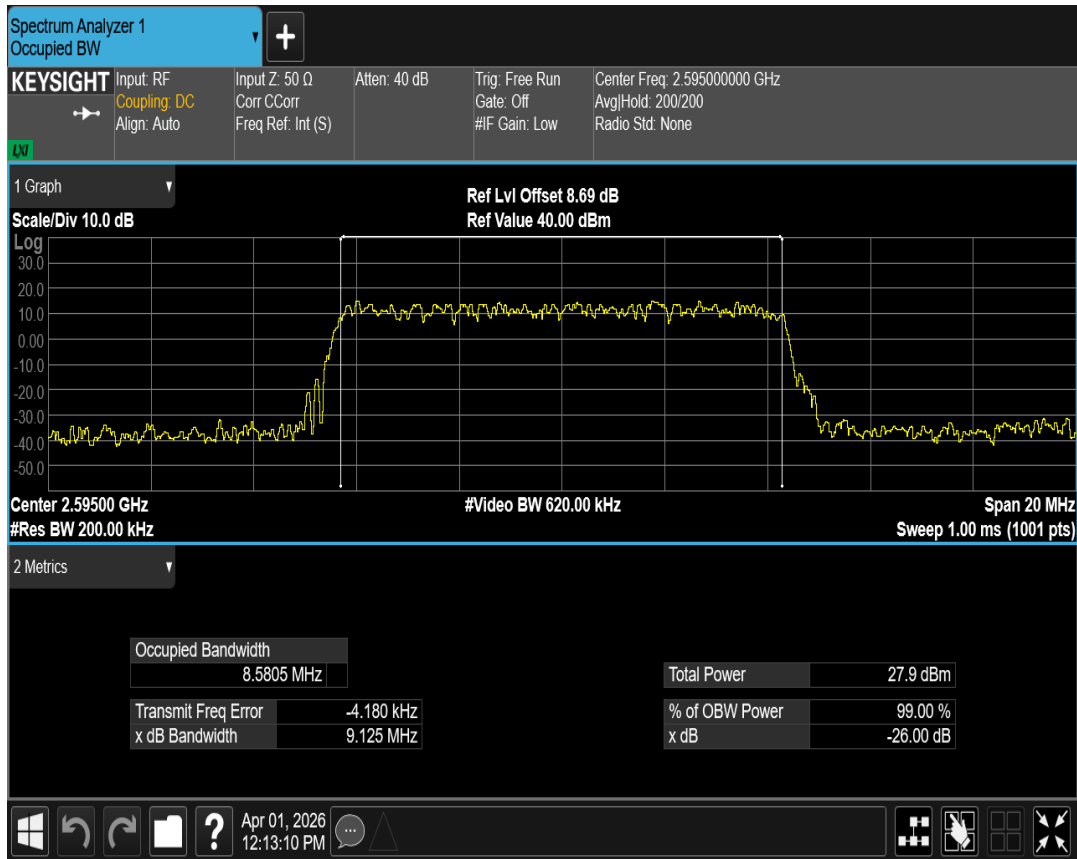
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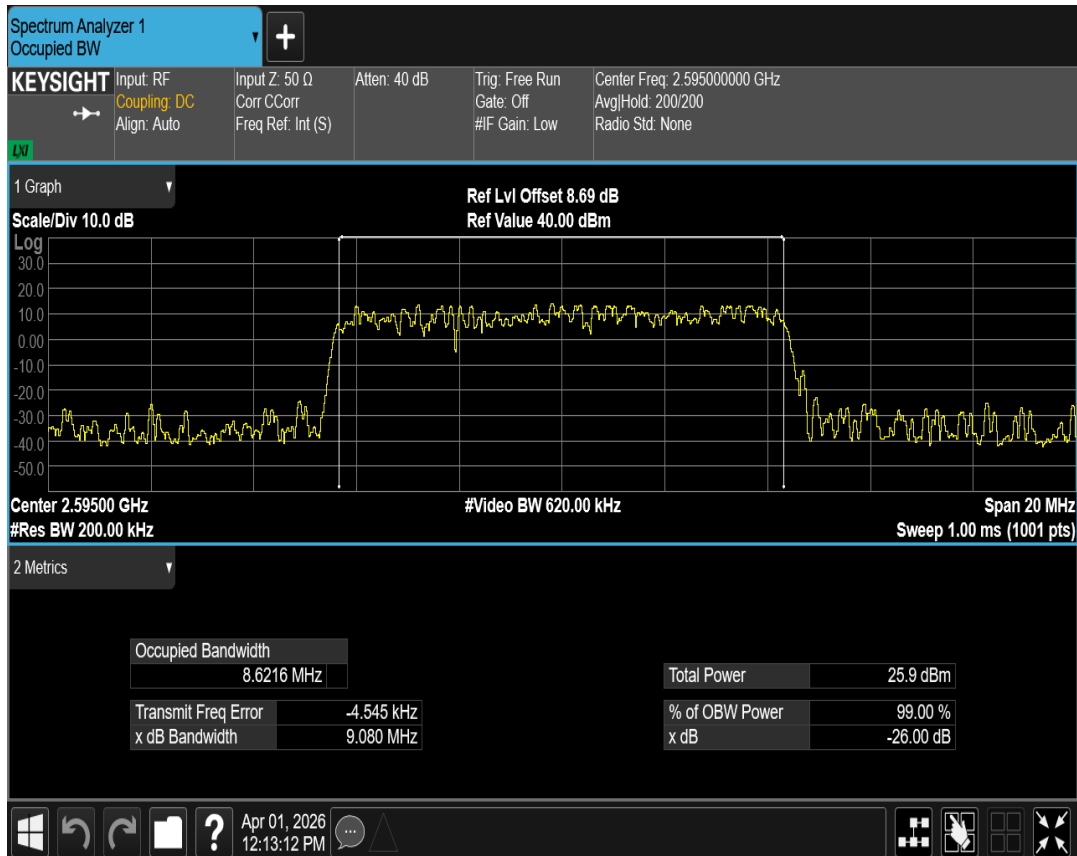
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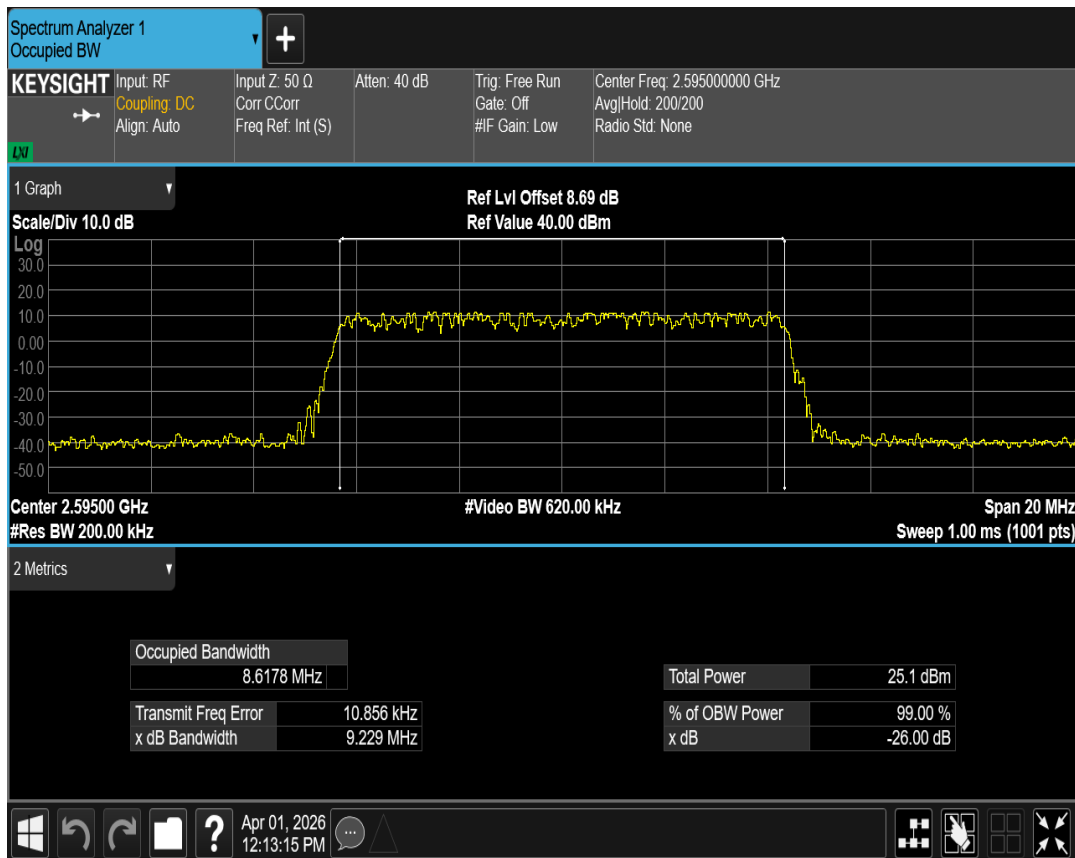
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n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz CP\_QPSK BW=10MHz Channel=519000 RB=24@0

