

### 1 Conducted output power for NR FR1

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Power<br>(dBm) | Low Limit<br>(dBm) | high Limit<br>(dBm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|----------------|--------------------|---------------------|---------|
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_BPSK   | 23.35          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_BPSK   | 23.33          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_BPSK   | 23.30          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QPSK   | 23.17          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QPSK   | 23.15          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QPSK   | 23.12          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM16  | 22.51          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM16  | 22.60          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM16  | 22.72          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM64  | 20.77          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM64  | 20.94          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM64  | 20.73          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | DFT_QAM256 | 18.81          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | DFT_QAM256 | 18.82          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | DFT_QAM256 | 18.88          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QPSK    | 21.78          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QPSK    | 21.72          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QPSK    | 21.66          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM16   | 21.52          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM16   | 21.80          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM16   | 21.66          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM64   | 19.88          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM64   | 20.28          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM64   | 19.82          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 12@6             | CP_QAM256  | 17.04          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@1              | CP_QAM256  | 16.74          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 515000        | 1@22             | CP_QAM256  | 16.83          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 12@6             | DFT_BPSK   | 23.21          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 1@1              | DFT_BPSK   | 23.11          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 1@22             | DFT_BPSK   | 23.08          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 12@6             | DFT_QPSK   | 23.16          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 1@1              | DFT_QPSK   | 23.07          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 1@22             | DFT_QPSK   | 23.04          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 12@6             | DFT_QAM16  | 22.30          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 1@1              | DFT_QAM16  | 22.43          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 1@22             | DFT_QAM16  | 22.42          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 12@6             | DFT_QAM64  | 20.75          |                    | 37                  | PASS    |
| n38  | 30           | 10                 | 519000        | 1@1              | DFT_QAM64  | 20.81          |                    | 37                  | PASS    |

|     |    |    |        |      |            |       |  |    |      |
|-----|----|----|--------|------|------------|-------|--|----|------|
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QAM64  | 20.59 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | DFT_QAM256 | 18.74 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | DFT_QAM256 | 18.90 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | DFT_QAM256 | 18.77 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QPSK    | 21.77 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QPSK    | 21.45 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QPSK    | 21.61 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM16   | 21.41 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM16   | 21.50 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM16   | 21.52 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM64   | 19.96 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM64   | 20.05 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM64   | 19.78 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 12@6 | CP_QAM256  | 16.98 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@1  | CP_QAM256  | 16.77 |  | 37 | PASS |
| n38 | 30 | 10 | 519000 | 1@22 | CP_QAM256  | 16.88 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_BPSK   | 23.30 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_BPSK   | 23.21 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_BPSK   | 23.26 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QPSK   | 23.32 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QPSK   | 23.15 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QPSK   | 23.13 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM16  | 22.33 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM16  | 22.48 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM16  | 22.59 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM64  | 20.77 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM64  | 20.90 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM64  | 20.88 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | DFT_QAM256 | 18.86 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | DFT_QAM256 | 18.91 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | DFT_QAM256 | 18.88 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QPSK    | 21.75 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QPSK    | 21.69 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QPSK    | 21.62 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM16   | 21.46 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM16   | 21.64 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM16   | 21.61 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM64   | 19.88 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM64   | 19.86 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM64   | 19.81 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 12@6 | CP_QAM256  | 16.95 |  | 37 | PASS |
| n38 | 30 | 10 | 523000 | 1@1  | CP_QAM256  | 16.92 |  | 37 | PASS |

|     |    |    |        |      |            |       |  |    |      |
|-----|----|----|--------|------|------------|-------|--|----|------|
| n38 | 30 | 10 | 523000 | 1@22 | CP_QAM256  | 16.98 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_BPSK   | 23.38 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_BPSK   | 23.20 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_BPSK   | 23.19 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QPSK   | 23.18 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QPSK   | 23.20 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QPSK   | 22.96 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM16  | 22.43 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM16  | 22.43 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM16  | 22.57 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM64  | 20.88 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM64  | 20.91 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM64  | 20.84 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QAM256 | 18.93 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QAM256 | 18.88 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QAM256 | 18.83 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QPSK    | 21.81 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QPSK    | 21.69 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QPSK    | 21.53 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM16   | 21.41 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM16   | 21.66 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM16   | 21.56 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM64   | 19.73 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM64   | 19.87 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM64   | 19.79 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QAM256  | 16.90 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QAM256  | 16.81 |  | 37 | PASS |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QAM256  | 16.90 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_BPSK   | 23.15 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_BPSK   | 23.18 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_BPSK   | 23.11 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QPSK   | 23.15 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QPSK   | 22.99 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QPSK   | 22.92 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM16  | 22.25 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM16  | 22.47 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QAM16  | 22.39 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM64  | 20.75 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM64  | 20.79 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QAM64  | 20.79 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QAM256 | 18.76 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QAM256 | 18.79 |  | 37 | PASS |

|     |    |    |        |       |            |       |  |    |      |
|-----|----|----|--------|-------|------------|-------|--|----|------|
| n38 | 30 | 15 | 519000 | 1@36  | DFT_QAM256 | 18.85 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 19@9  | CP_QPSK    | 21.65 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1   | CP_QPSK    | 21.58 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@36  | CP_QPSK    | 21.34 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 19@9  | CP_QAM16   | 21.34 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1   | CP_QAM16   | 21.57 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@36  | CP_QAM16   | 21.57 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 19@9  | CP_QAM64   | 19.92 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1   | CP_QAM64   | 19.71 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@36  | CP_QAM64   | 19.82 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 19@9  | CP_QAM256  | 16.89 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@1   | CP_QAM256  | 16.61 |  | 37 | PASS |
| n38 | 30 | 15 | 519000 | 1@36  | CP_QAM256  | 16.87 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 18@9  | DFT_BPSK   | 23.31 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | DFT_BPSK   | 23.17 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | DFT_BPSK   | 23.11 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 18@9  | DFT_QPSK   | 23.29 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | DFT_QPSK   | 23.03 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | DFT_QPSK   | 23.10 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 18@9  | DFT_QAM16  | 22.32 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | DFT_QAM16  | 22.48 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | DFT_QAM16  | 22.38 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 18@9  | DFT_QAM64  | 20.77 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | DFT_QAM64  | 20.54 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | DFT_QAM64  | 20.55 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 18@9  | DFT_QAM256 | 18.89 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | DFT_QAM256 | 18.94 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | DFT_QAM256 | 18.83 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 19@9  | CP_QPSK    | 21.79 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | CP_QPSK    | 21.69 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | CP_QPSK    | 21.76 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 19@9  | CP_QAM16   | 21.38 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | CP_QAM16   | 21.60 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | CP_QAM16   | 21.52 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 19@9  | CP_QAM64   | 19.83 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | CP_QAM64   | 20.16 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | CP_QAM64   | 20.25 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 19@9  | CP_QAM256  | 16.95 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@1   | CP_QAM256  | 16.68 |  | 37 | PASS |
| n38 | 30 | 15 | 522500 | 1@36  | CP_QAM256  | 16.71 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_BPSK   | 23.20 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_BPSK   | 22.87 |  | 37 | PASS |

|     |    |    |        |       |            |       |  |    |      |
|-----|----|----|--------|-------|------------|-------|--|----|------|
| n38 | 30 | 40 | 518000 | 1@104 | DFT_BPSK   | 22.77 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QPSK   | 23.24 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QPSK   | 22.74 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QPSK   | 22.66 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM16  | 22.28 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM16  | 21.93 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM16  | 22.13 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM64  | 20.71 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM64  | 20.26 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM64  | 20.12 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QAM256 | 18.71 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QAM256 | 18.51 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QAM256 | 18.39 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QPSK    | 21.62 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QPSK    | 21.25 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QPSK    | 21.12 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM16   | 21.18 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM16   | 21.24 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM16   | 21.17 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM64   | 19.65 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM64   | 19.48 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM64   | 19.29 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QAM256  | 16.81 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QAM256  | 16.51 |  | 37 | PASS |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QAM256  | 16.27 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_BPSK   | 23.23 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_BPSK   | 22.79 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_BPSK   | 22.88 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QPSK   | 23.19 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QPSK   | 22.62 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QPSK   | 22.70 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM16  | 22.25 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM16  | 22.20 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM16  | 22.00 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM64  | 20.74 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM64  | 20.42 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM64  | 20.36 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QAM256 | 18.72 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QAM256 | 18.50 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QAM256 | 18.49 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QPSK    | 21.65 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QPSK    | 21.13 |  | 37 | PASS |

|     |    |    |        |       |            |       |  |    |      |
|-----|----|----|--------|-------|------------|-------|--|----|------|
| n38 | 30 | 40 | 519000 | 1@104 | CP_QPSK    | 21.27 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM16   | 21.17 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM16   | 21.25 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM16   | 21.26 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM64   | 19.70 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM64   | 19.39 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM64   | 19.42 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 53@26 | CP_QAM256  | 16.88 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QAM256  | 16.60 |  | 37 | PASS |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QAM256  | 16.51 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_BPSK   | 23.27 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_BPSK   | 22.82 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_BPSK   | 22.78 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QPSK   | 23.23 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QPSK   | 22.63 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QPSK   | 22.66 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM16  | 22.28 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM16  | 22.14 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM16  | 22.17 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM64  | 20.77 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM64  | 20.39 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM64  | 20.34 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QAM256 | 18.75 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QAM256 | 18.49 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QAM256 | 18.35 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QPSK    | 21.62 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QPSK    | 21.22 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QPSK    | 21.18 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM16   | 21.16 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM16   | 21.08 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM16   | 21.24 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM64   | 19.71 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM64   | 19.32 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM64   | 19.48 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QAM256  | 16.90 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QAM256  | 16.48 |  | 37 | PASS |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QAM256  | 16.49 |  | 37 | PASS |

## 2 Frequency stability for NR FR1

NT:

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Voltage<br>(Vdc) | Result<br>(Hz) | Result<br>(ppm) | Limit (ppm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|----------------|-----------------|-------------|---------|
|------|--------------|--------------------|---------------|------------------|------------|------------------|----------------|-----------------|-------------|---------|

|     |    |    |        |       |          |      |        |      |                                            |      |
|-----|----|----|--------|-------|----------|------|--------|------|--------------------------------------------|------|
| n38 | 30 | 40 | 519000 | 50@25 | DFT_BPSK | 3.85 | -8.41  | 0.00 | Within<br>authorized band<br>for 5G NR n38 | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_BPSK | 3.50 | -5.41  | 0.00 |                                            | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_BPSK | 4.40 | -11.70 | 0.00 |                                            | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QPSK | 3.85 | -9.18  | 0.00 |                                            | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QPSK | 3.50 | -10.08 | 0.00 |                                            | PASS |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QPSK | 4.40 | -8.45  | 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              | -13.23      | -0.01        | Within<br>authorized band<br>for 5G NR n38 | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | -20              | -13.61      | -0.01        |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | -10              | -16.33      | -0.01        |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 0                | -11.13      | 0.00         |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 10               | -13.66      | -0.01        |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 20               | -14.68      | -0.01        |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 30               | -6.05       | 0.00         |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 40               | -9.27       | 0.00         |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_BPSK   | 50               | -8.06       | 0.00         |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | -30              | -12.68      | 0.00         |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | -20              | -6.83       | 0.00         |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | -10              | -10.24      | 0.00         |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 0                | -13.64      | -0.01        |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 10               | -12.67      | -0.01        |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 20               | -15.87      | -0.01        |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 30               | -10.67      | 0.00         |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 40               | -13.22      | -0.01        |                                            | PASS    |
| n38  | 30        | 40              | 519000     | 50@25         | DFT_QPSK   | 50               | -13.97      | -0.01        |                                            | PASS    |

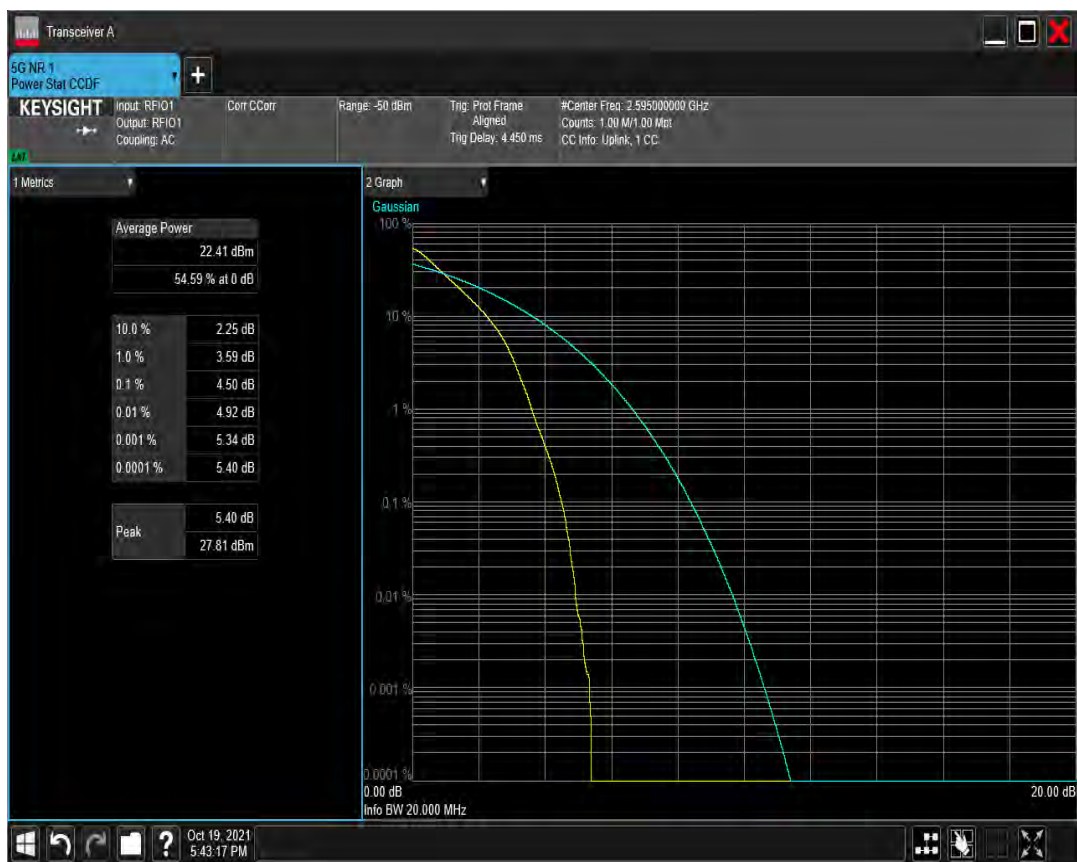
Note: Only the worst case shown in the report.

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

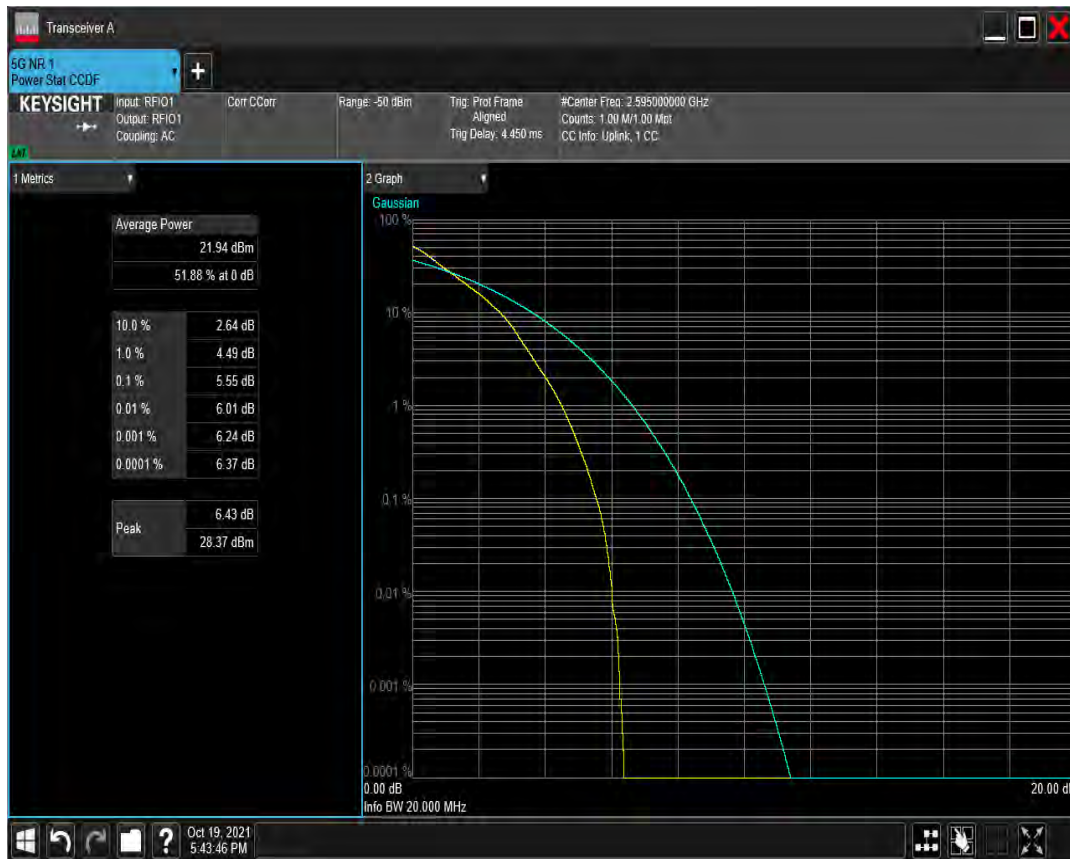
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n38  | 30        | 10              | 519000     | 24@0          | DFT_BPSK   | 4.33        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QPSK   | 5.23        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM16  | 6.01        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM64  | 6.40        | 13              | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM256 | 6.78        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_BPSK   | 4.42        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QPSK   | 5.37        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM16  | 6.17        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM64  | 6.55        | 13              | PASS    |
| n38  | 30        | 15              | 519000     | 36@0          | DFT_QAM256 | 6.79        | 13              | PASS    |
| n38  | 30        | 20              | 519000     | 50@0          | DFT_BPSK   | 4.50        | 13              | PASS    |

|     |    |    |        |       |            |      |    |      |
|-----|----|----|--------|-------|------------|------|----|------|
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QPSK   | 5.55 | 13 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM16  | 6.28 | 13 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM64  | 6.65 | 13 | PASS |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QAM256 | 6.91 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_BPSK   | 4.62 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QPSK   | 5.58 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM16  | 6.38 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM64  | 6.59 | 13 | PASS |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM256 | 7.74 | 13 | PASS |

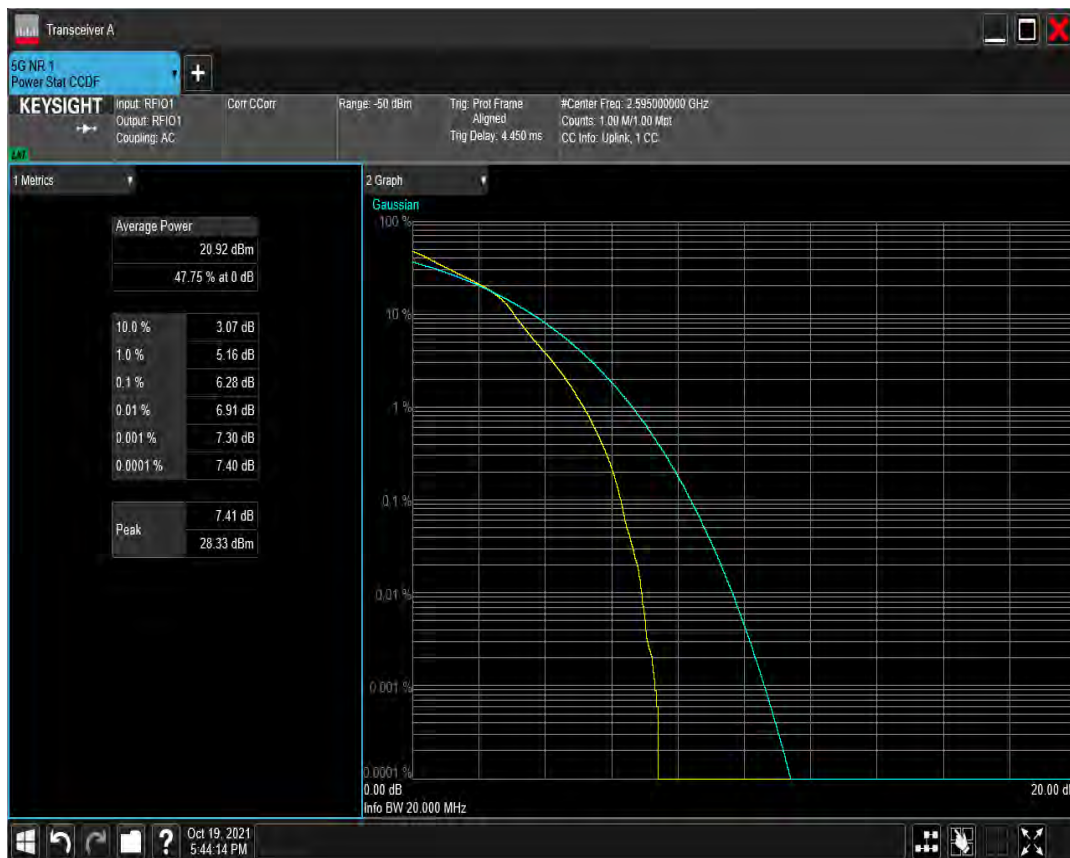
n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=519000 RB=50@0



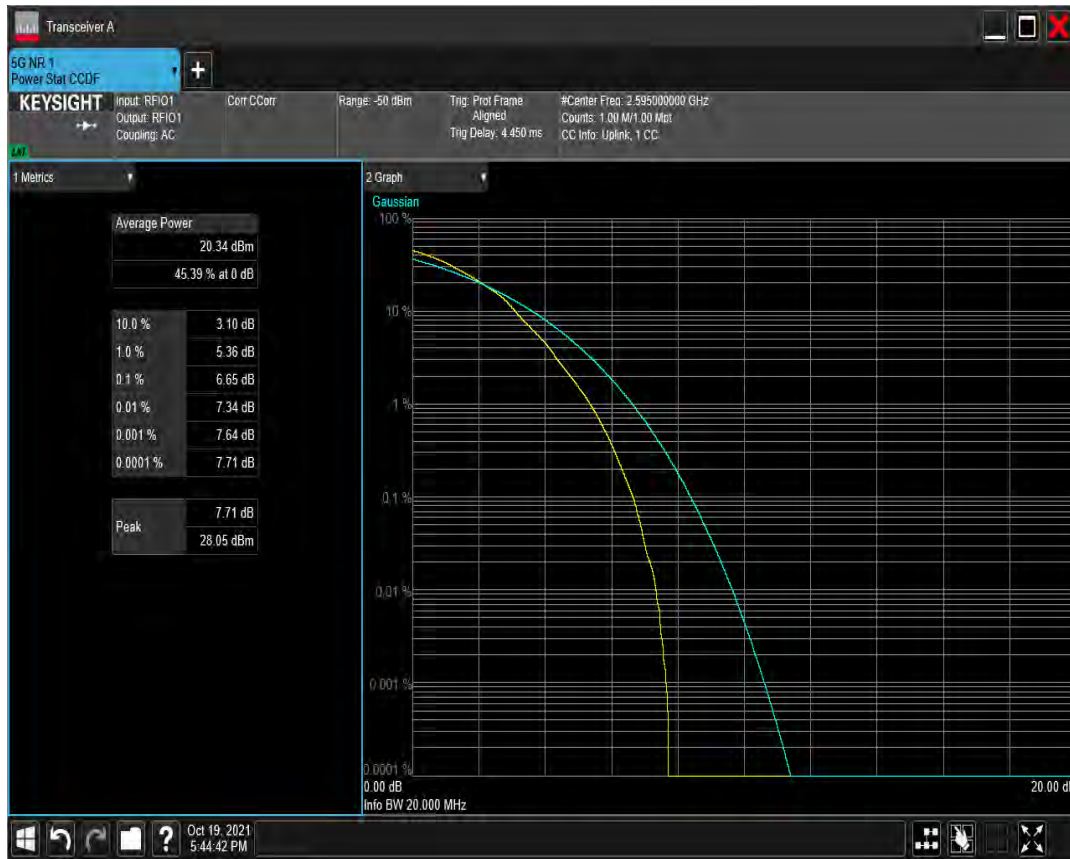
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=519000 RB=50@0



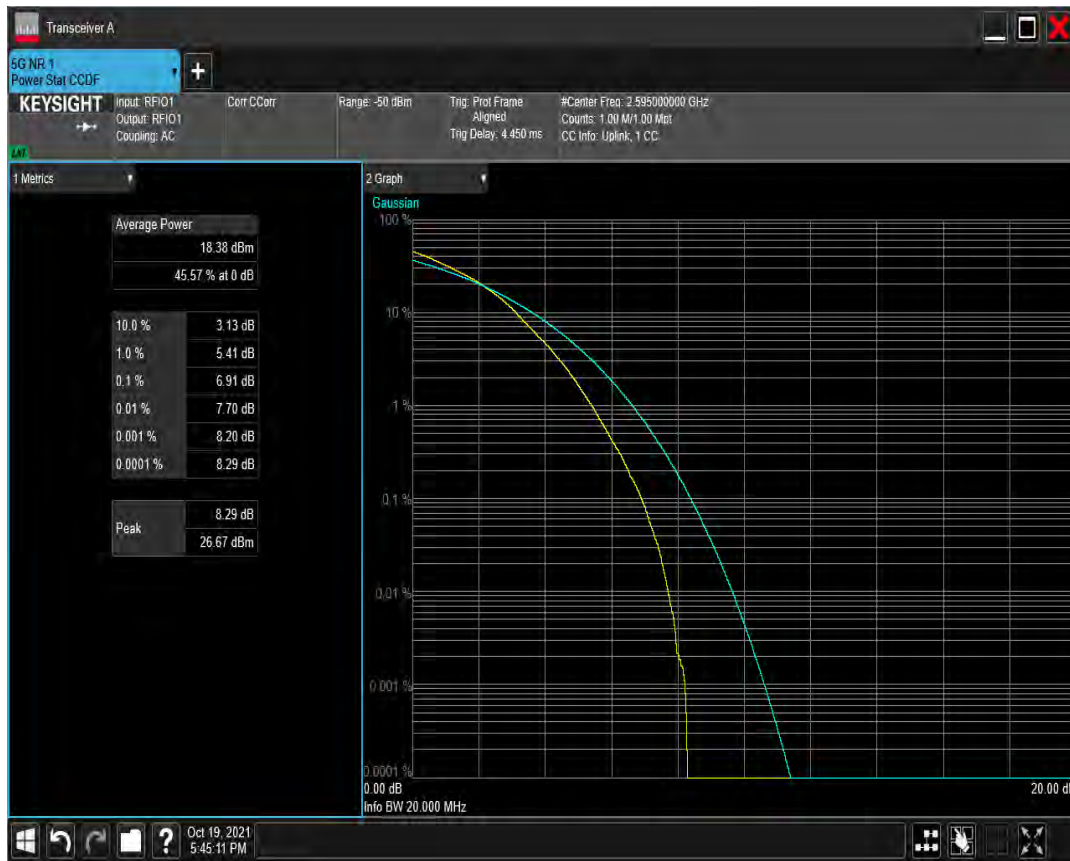
n38 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=50@0



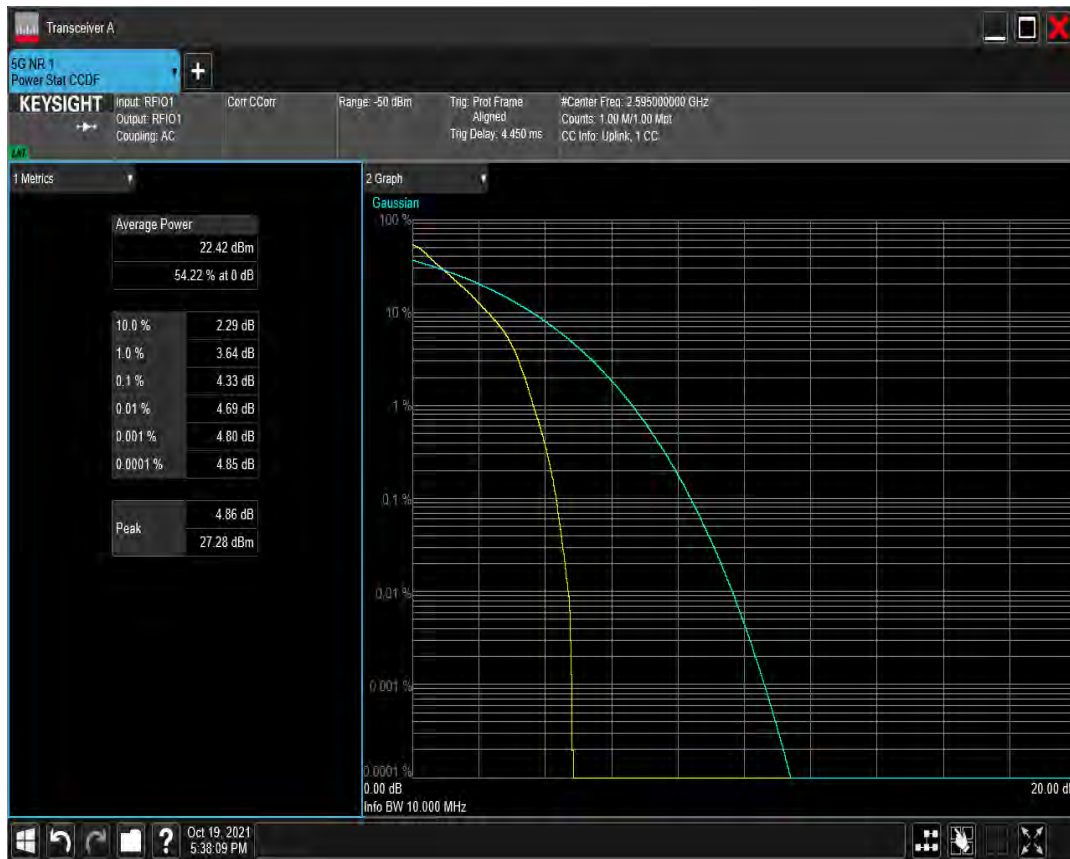
n38 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=50@0



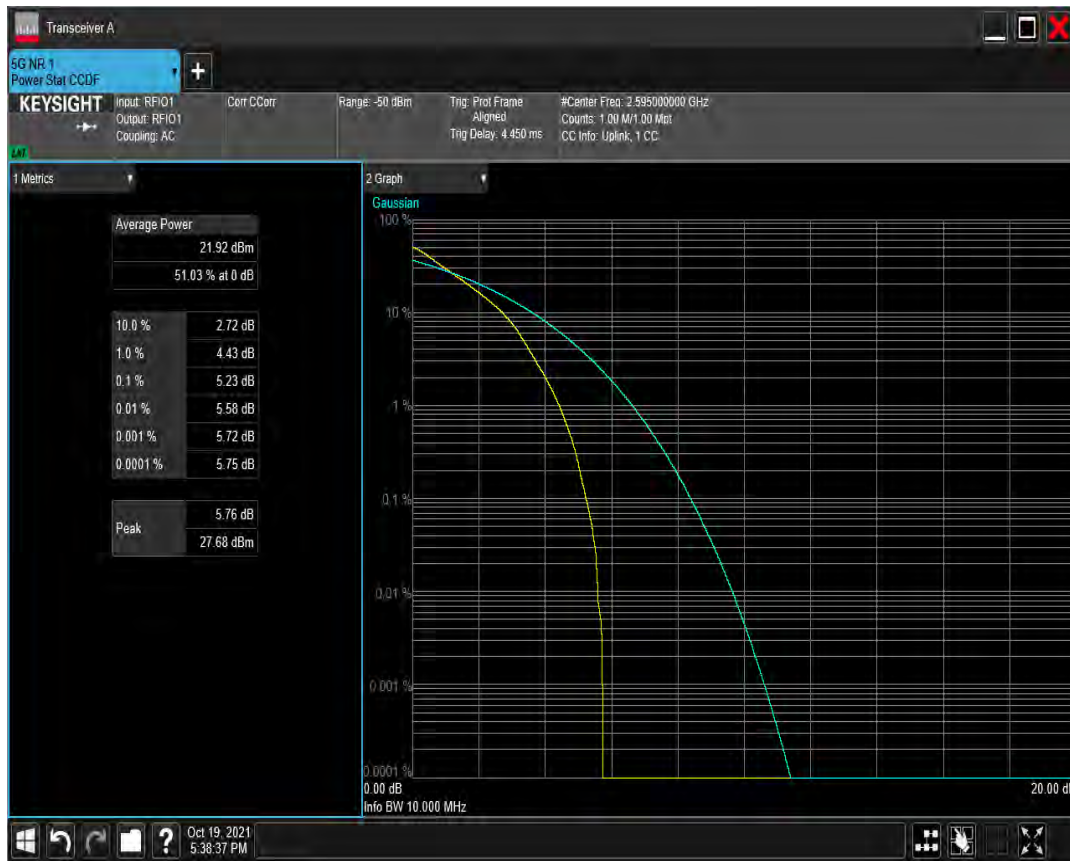
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=50@0



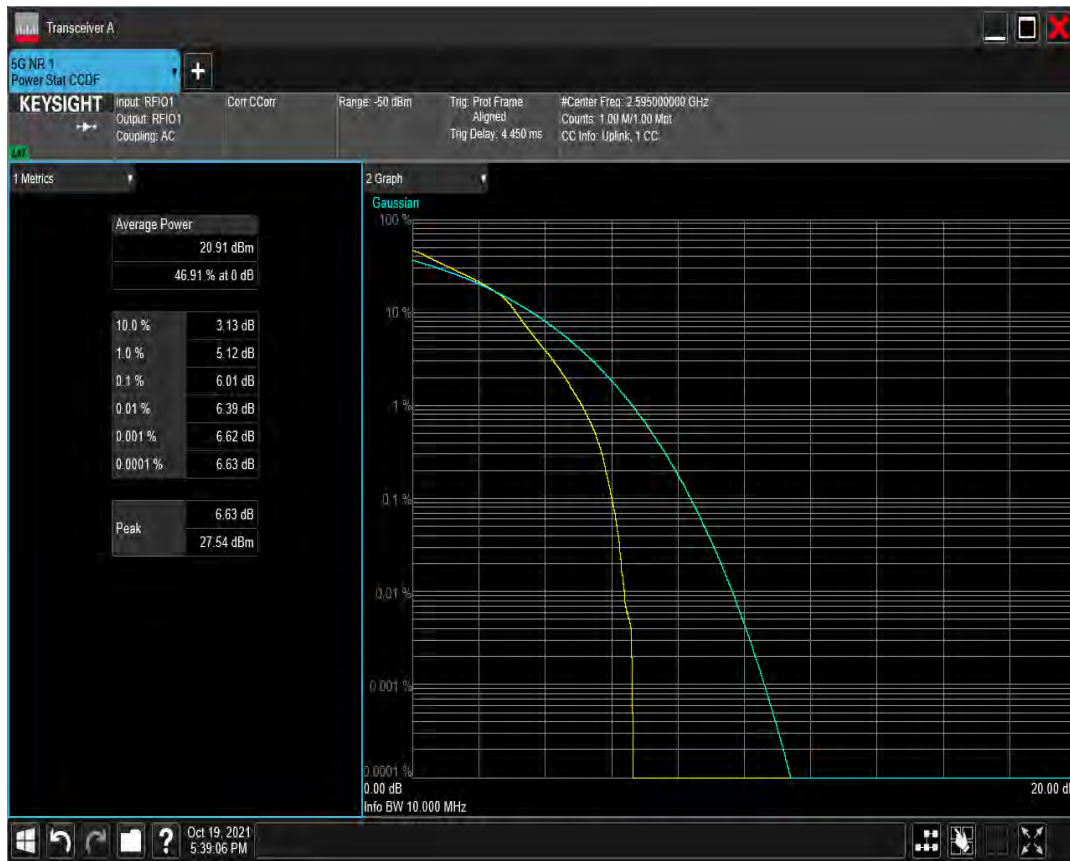
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=519000 RB=24@0



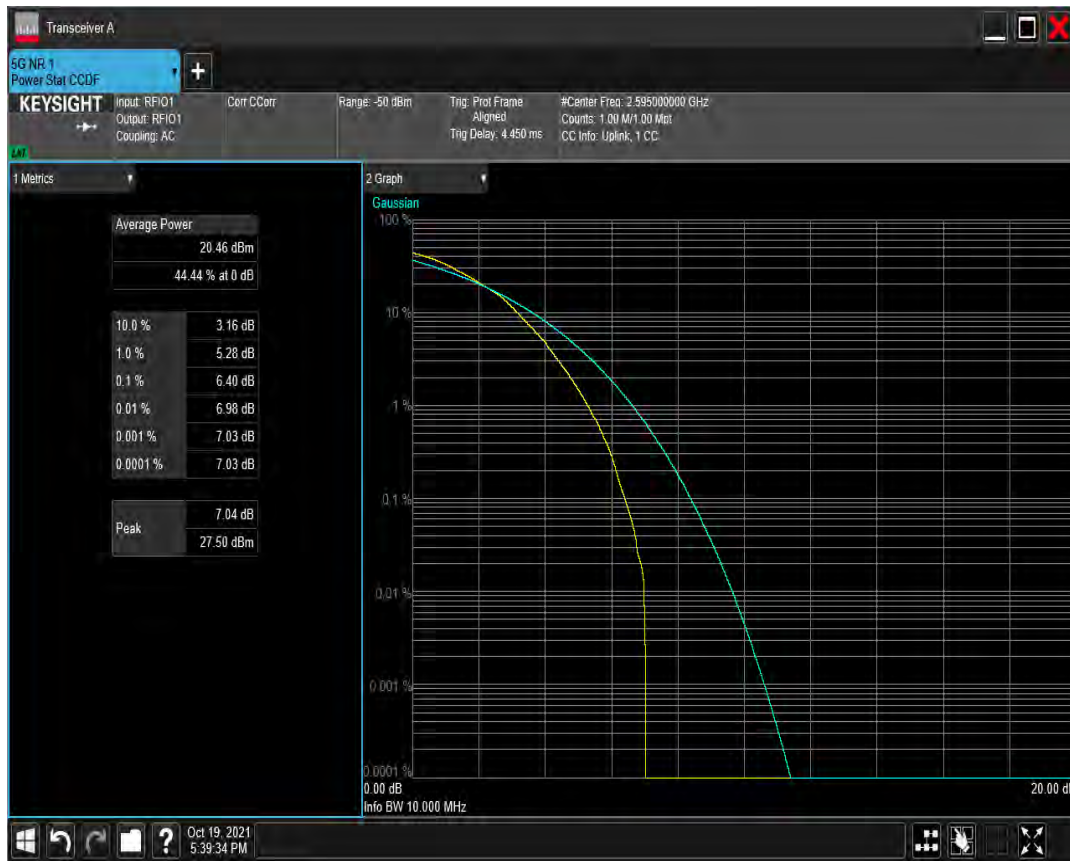
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24@0



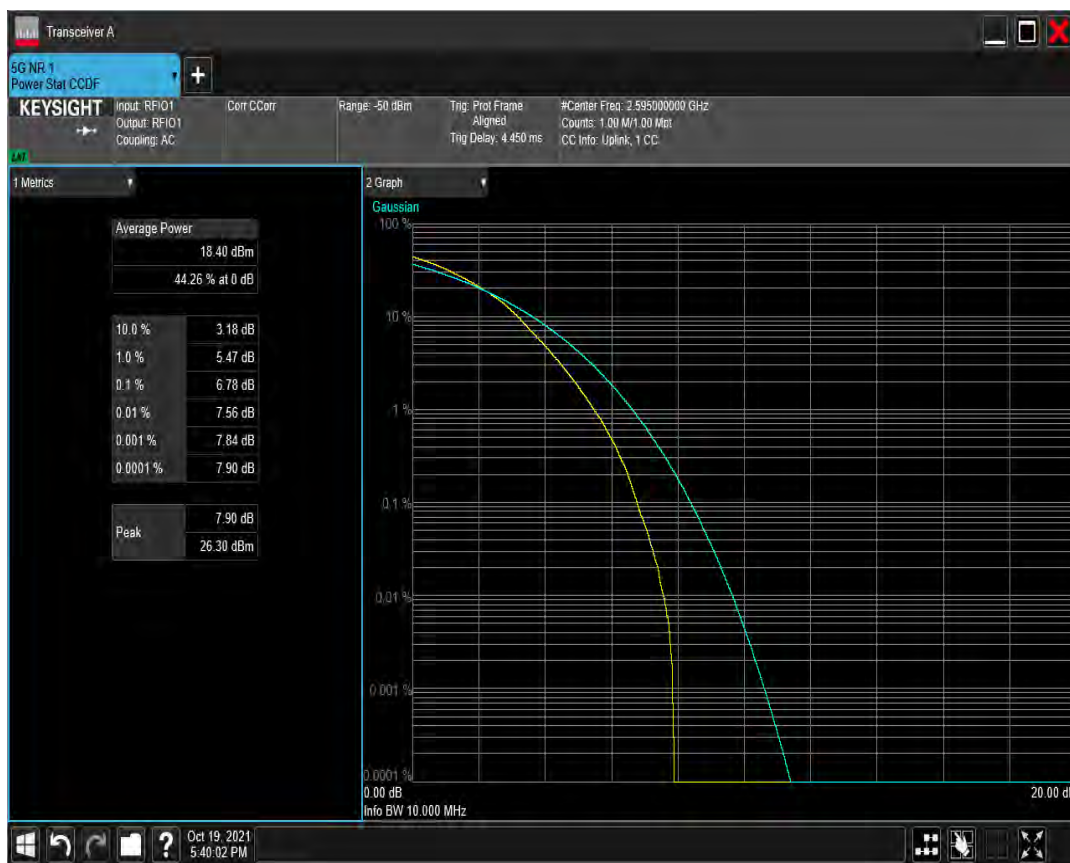
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=519000 RB=24@0



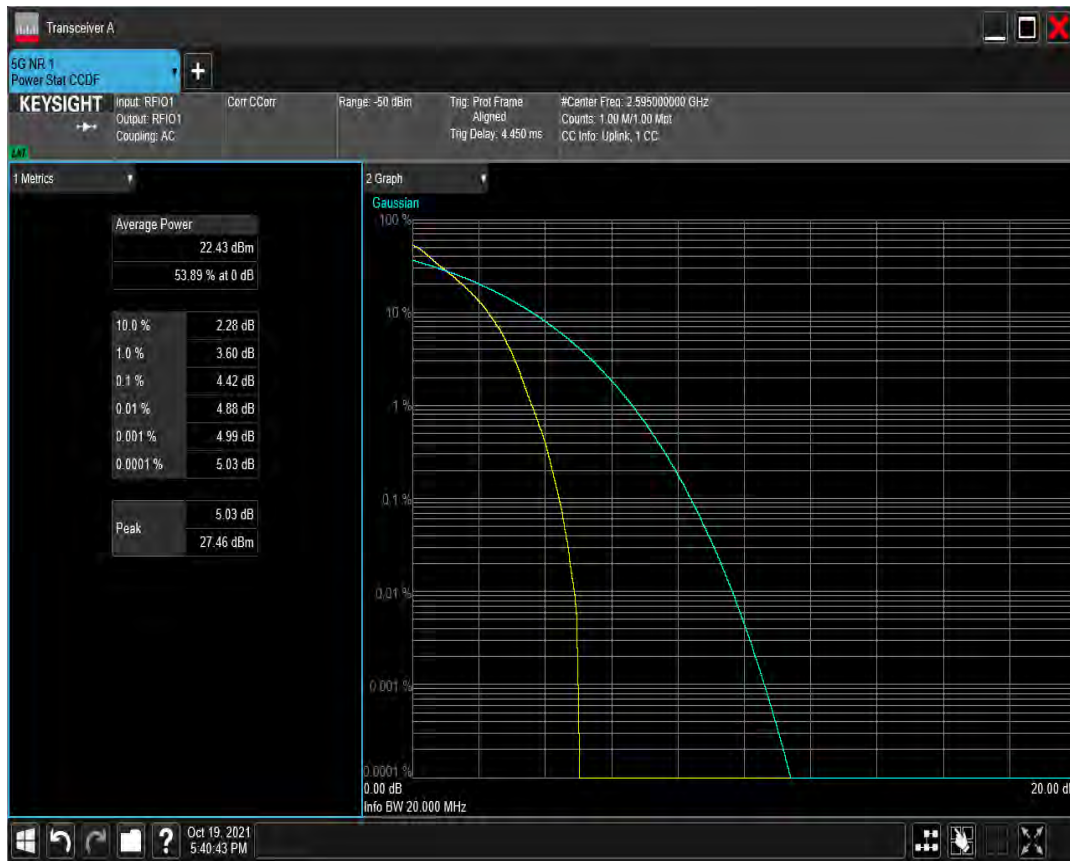
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=519000 RB=24@0



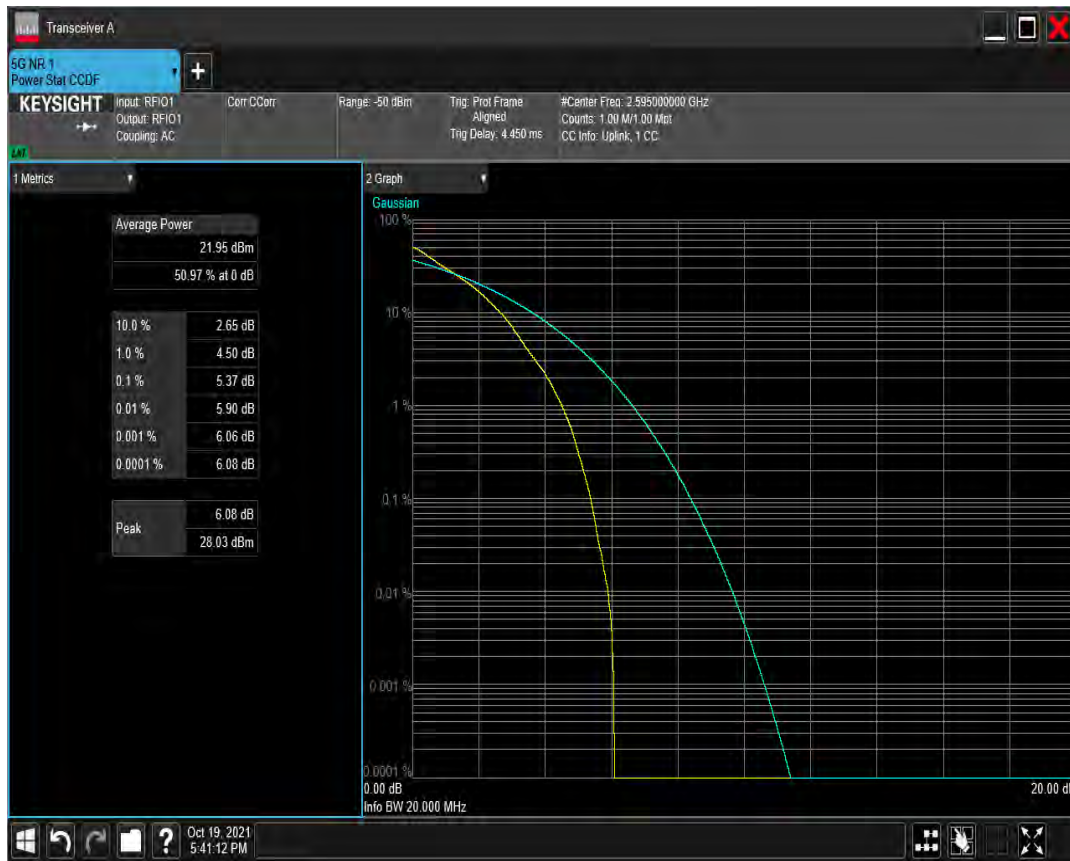
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=519000 RB=24@0



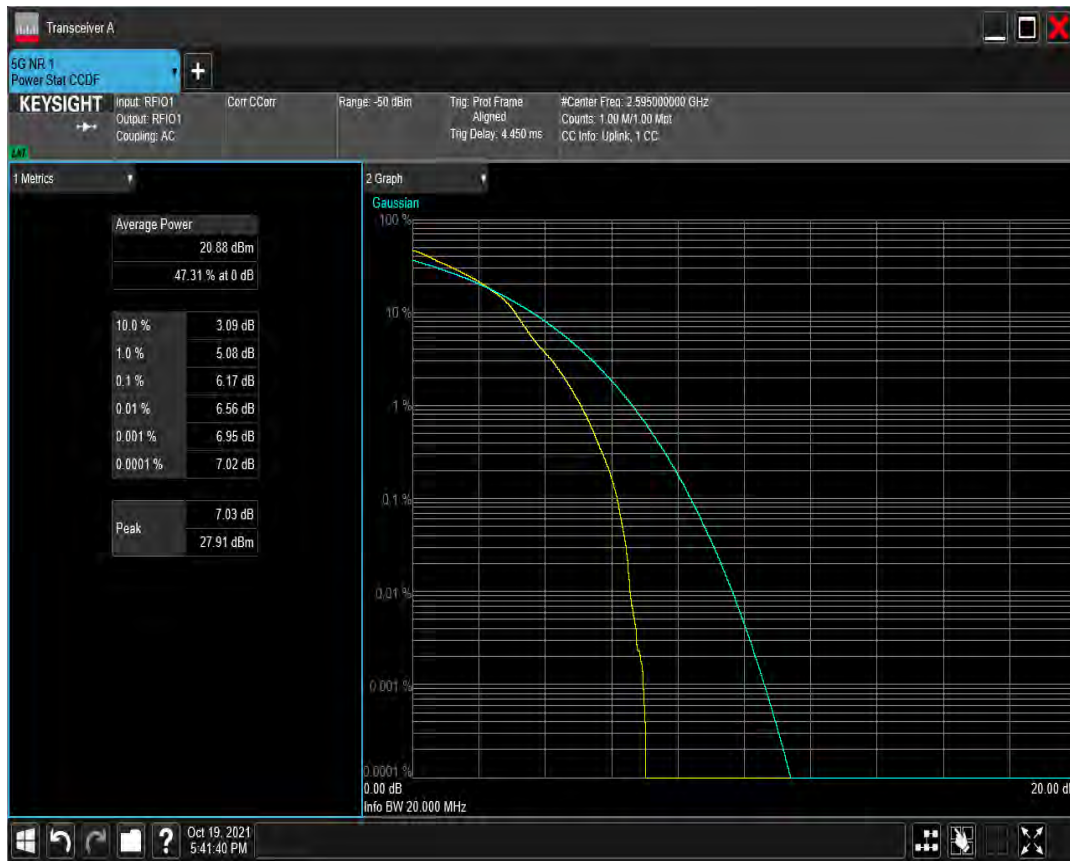
n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=519000 RB=36@0



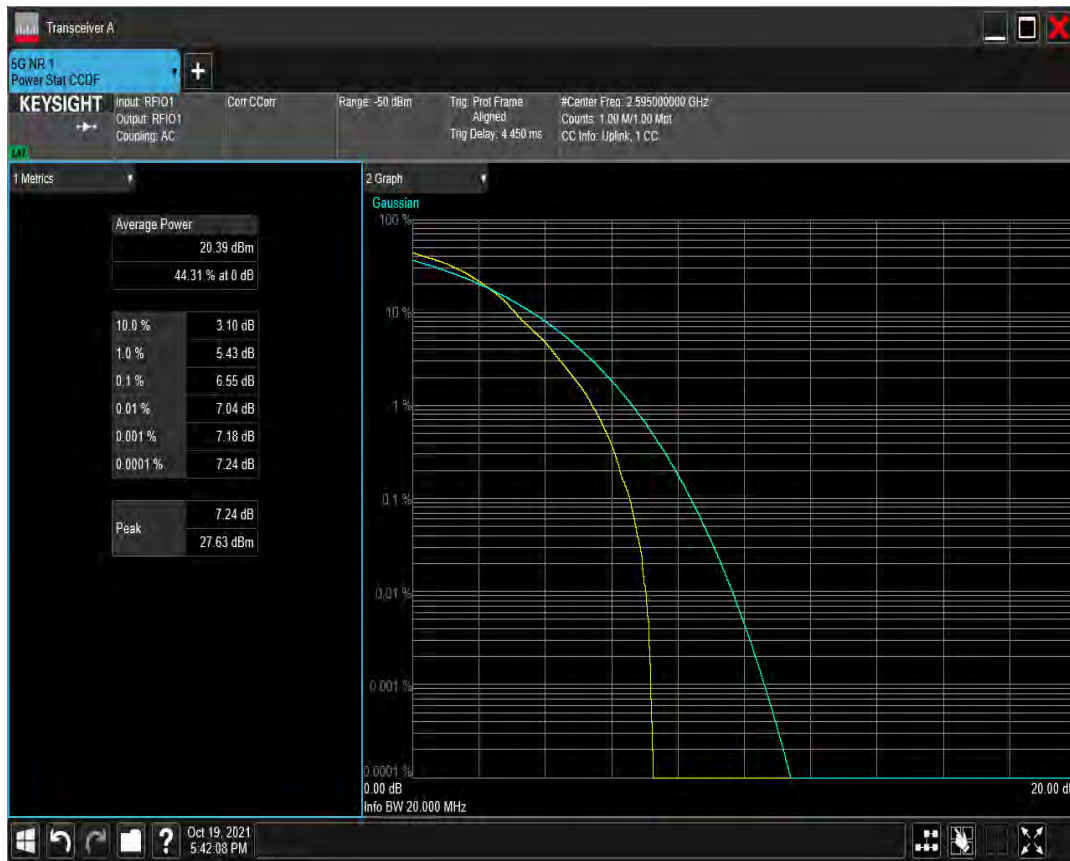
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=519000 RB=36@0



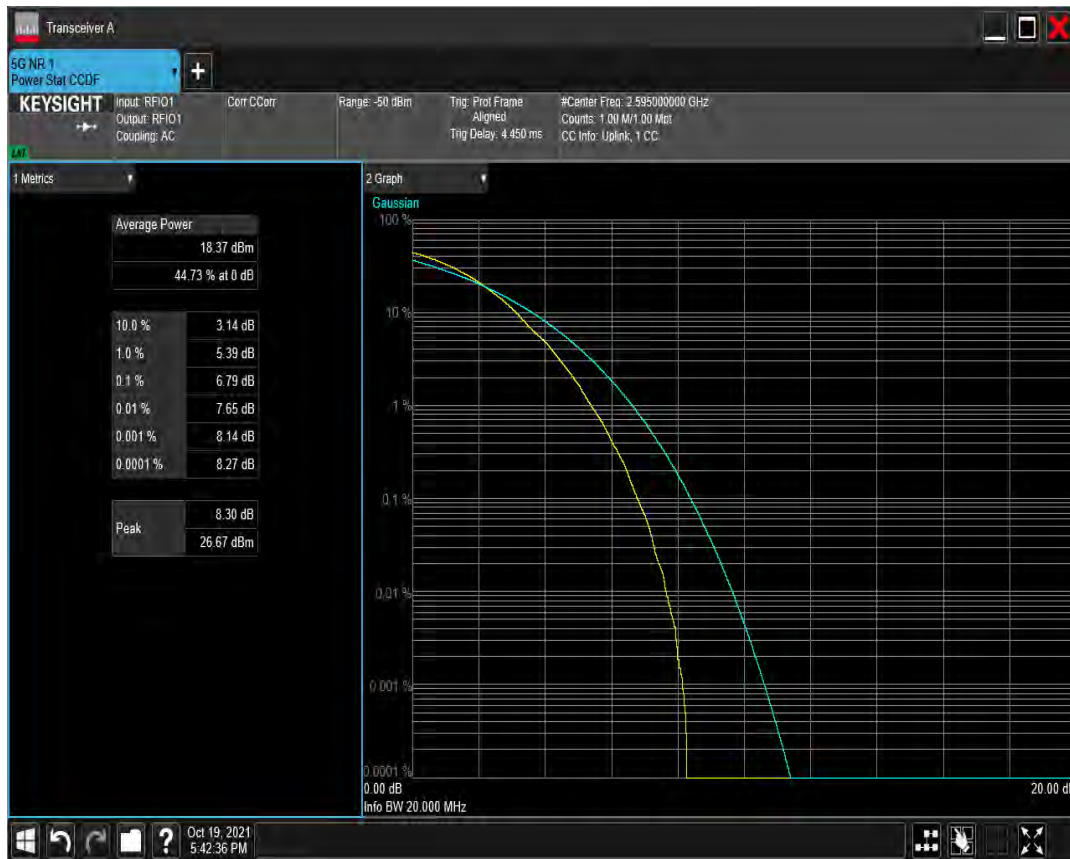
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=36@0



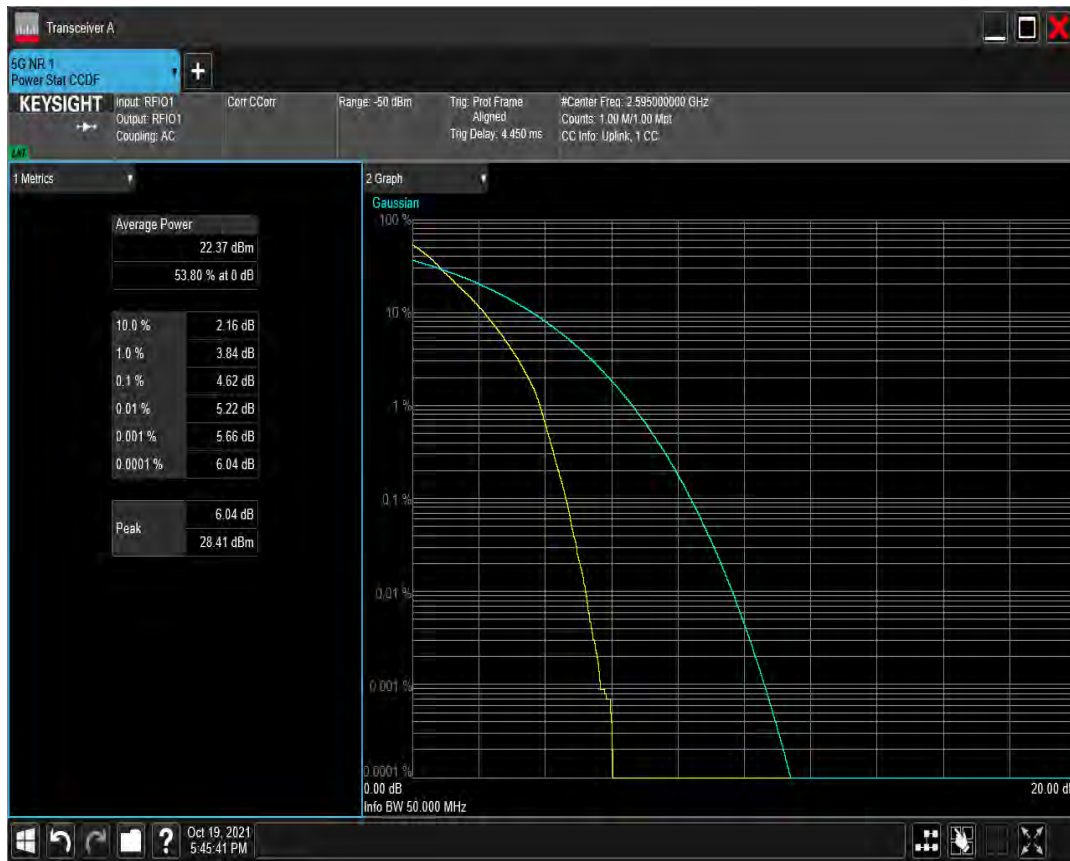
n38 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=519000 RB=36@0



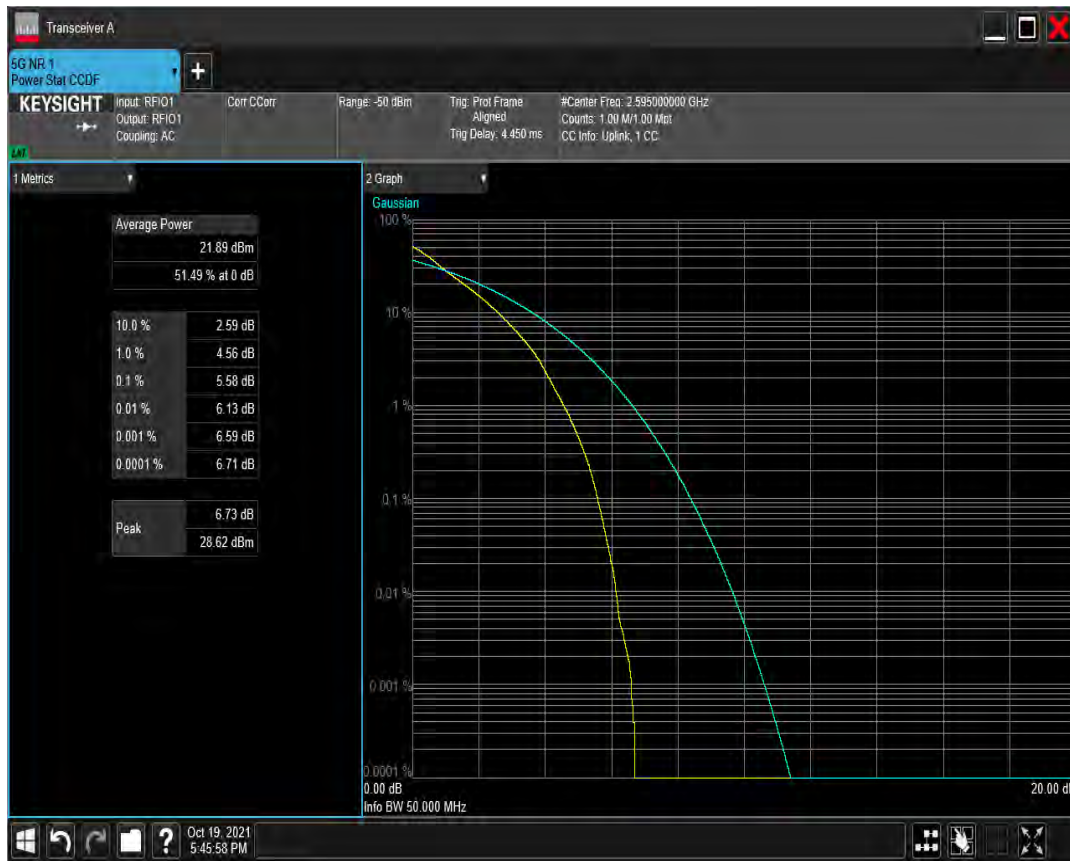
n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=36@0



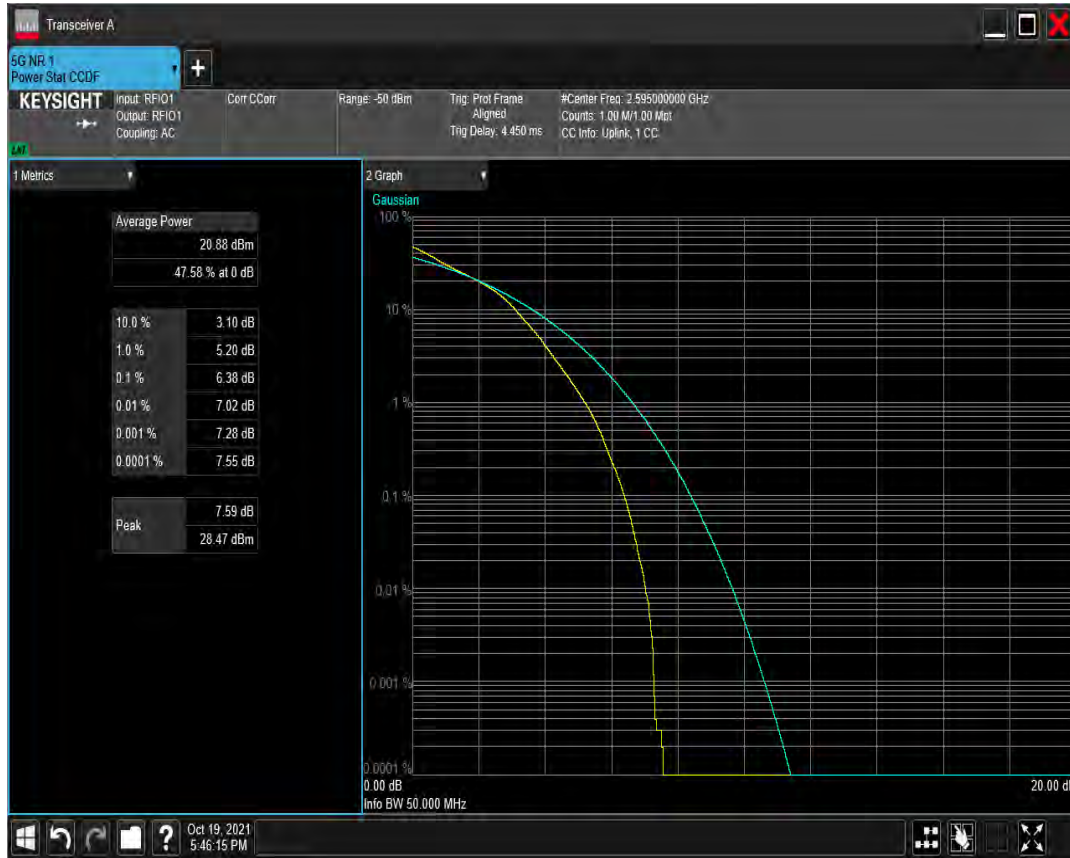
n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=519000 RB=100@0



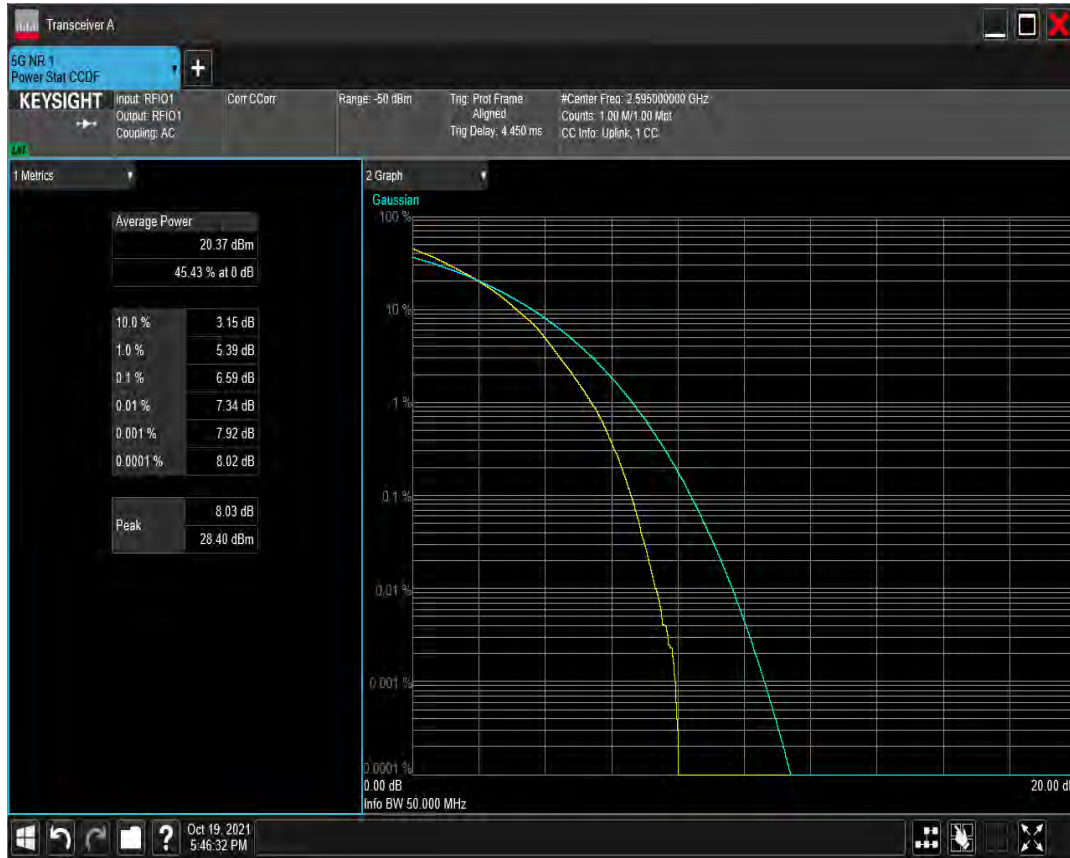
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



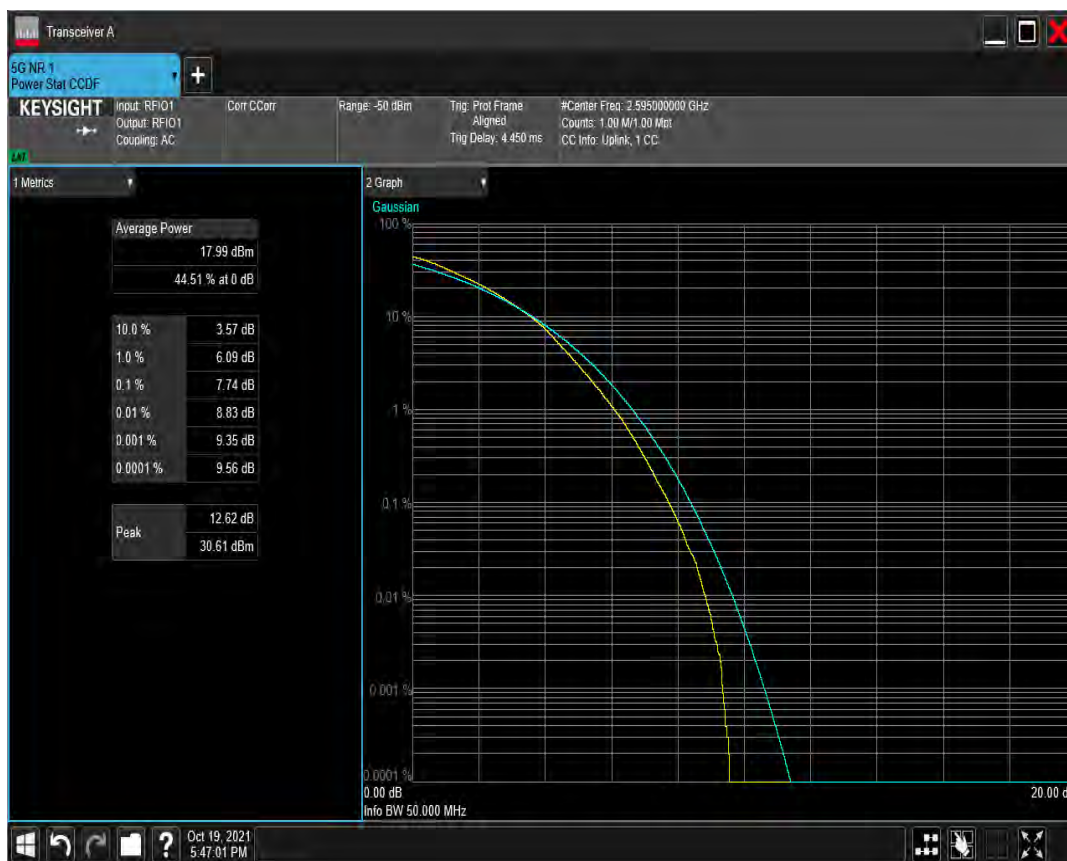
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=100@0



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

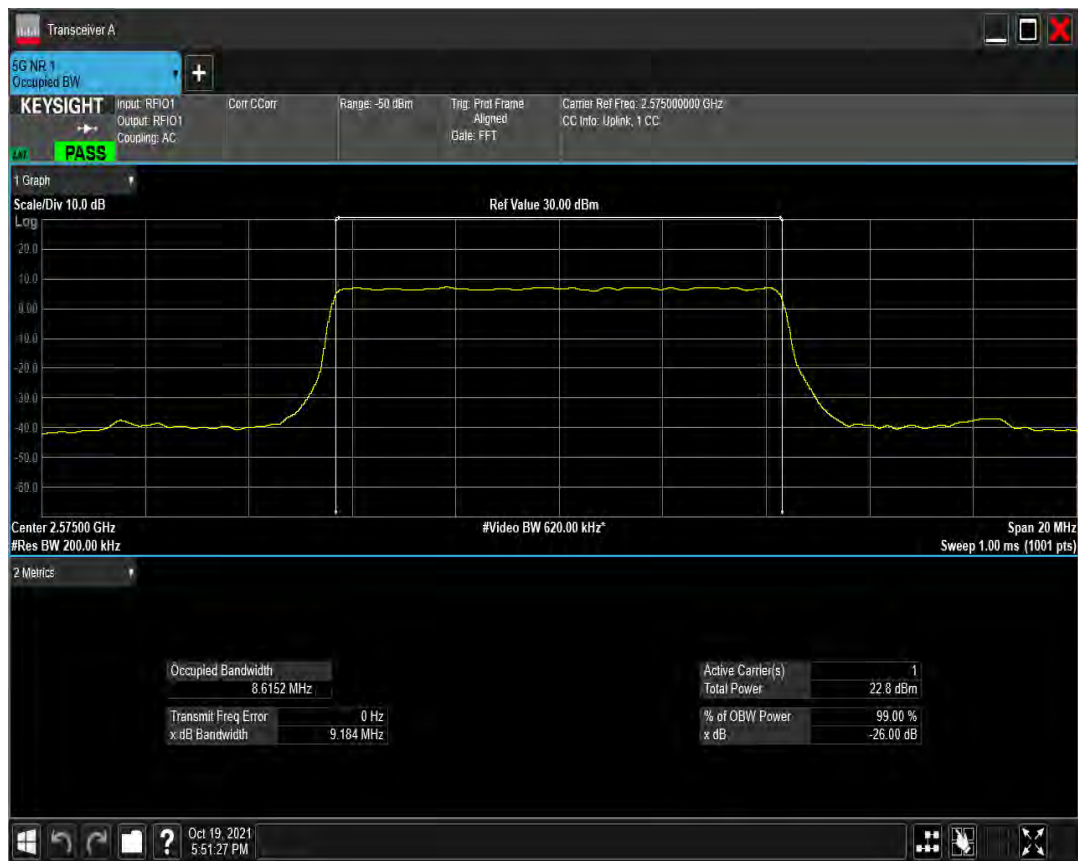
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|---------------|-----------------|---------|
| n38  | 30        | 10              | 515000     | 24@0          | DFT_BPSK   | 8.620         | 9.180           | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QPSK   | 8.610         | 9.230           | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QAM16  | 8.620         | 9.220           | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QAM64  | 8.640         | 9.210           | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QAM256 | 8.610         | 9.160           | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | CP_QPSK    | 8.620         | 9.220           | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | CP_QAM16   | 8.640         | 9.210           | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | CP_QAM64   | 8.620         | 9.190           | PASS    |
| n38  | 30        | 10              | 515000     | 24@0          | CP_QAM256  | 8.600         | 9.140           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_BPSK   | 8.610         | 9.160           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QPSK   | 8.610         | 9.270           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM16  | 8.620         | 9.180           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM64  | 8.640         | 9.210           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QAM256 | 8.610         | 9.150           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | CP_QPSK    | 8.620         | 9.190           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | CP_QAM16   | 8.620         | 9.180           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | CP_QAM64   | 8.640         | 9.160           | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | CP_QAM256  | 8.610         | 9.160           | PASS    |

|     |    |    |        |      |            |        |        |      |
|-----|----|----|--------|------|------------|--------|--------|------|
| n38 | 30 | 10 | 523000 | 24@0 | DFT_BPSK   | 8.610  | 9.200  | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QPSK   | 8.620  | 9.230  | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM16  | 8.620  | 9.250  | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM64  | 8.640  | 9.210  | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | DFT_QAM256 | 8.610  | 9.210  | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QPSK    | 8.620  | 9.240  | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM16   | 8.640  | 9.170  | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM64   | 8.620  | 9.190  | PASS |
| n38 | 30 | 10 | 523000 | 24@0 | CP_QAM256  | 8.600  | 9.140  | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_BPSK   | 13.500 | 13.690 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QPSK   | 13.510 | 13.740 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM16  | 13.470 | 13.690 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM64  | 13.460 | 13.720 | PASS |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QAM256 | 13.520 | 13.740 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QPSK    | 13.630 | 14.420 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM16   | 13.640 | 14.410 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM64   | 13.630 | 14.400 | PASS |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QAM256  | 13.620 | 14.400 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_BPSK   | 13.530 | 13.750 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QPSK   | 13.510 | 13.710 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM16  | 13.510 | 13.740 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM64  | 13.500 | 13.740 | PASS |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QAM256 | 13.510 | 13.720 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QPSK    | 13.640 | 14.460 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM16   | 13.640 | 14.420 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM64   | 13.630 | 14.410 | PASS |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QAM256  | 13.640 | 14.410 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_BPSK   | 13.500 | 13.720 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QPSK   | 13.460 | 13.740 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM16  | 13.460 | 13.710 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM64  | 13.520 | 13.710 | PASS |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QAM256 | 13.510 | 13.710 | PASS |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QPSK    | 13.630 | 14.430 | PASS |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QAM16   | 13.640 | 14.410 | PASS |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QAM64   | 13.640 | 14.410 | PASS |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QAM256  | 13.640 | 14.410 | PASS |
| n38 | 30 | 20 | 516000 | 50@0 | DFT_BPSK   | 18.090 | 18.920 | PASS |
| n38 | 30 | 20 | 516000 | 50@0 | DFT_QPSK   | 18.100 | 18.960 | PASS |
| n38 | 30 | 20 | 516000 | 50@0 | DFT_QAM16  | 18.020 | 18.920 | PASS |
| n38 | 30 | 20 | 516000 | 50@0 | DFT_QAM64  | 18.090 | 18.910 | PASS |
| n38 | 30 | 20 | 516000 | 50@0 | DFT_QAM256 | 18.040 | 18.920 | PASS |
| n38 | 30 | 20 | 516000 | 51@0 | CP_QPSK    | 18.270 | 19.280 | PASS |

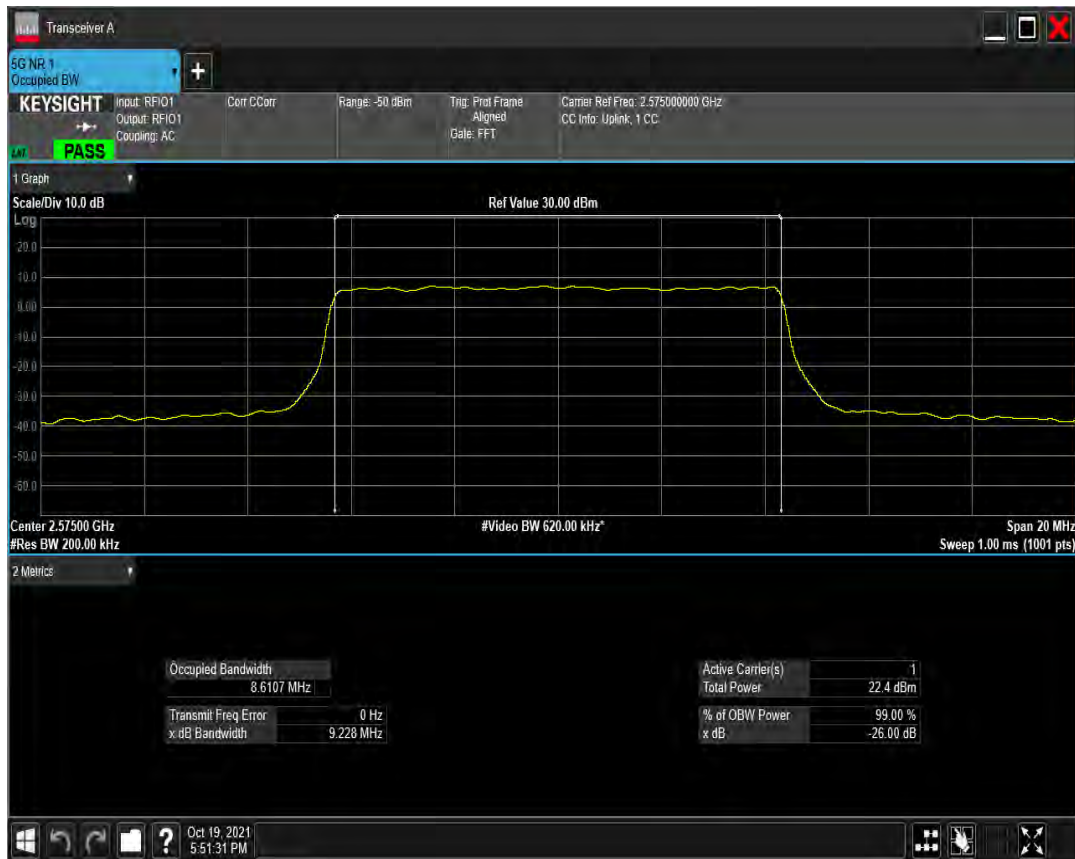
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| n38 | 30 | 40 | 518000 | 100@0 | DFT_QAM64  | 37.620 | 37.900 | PASS |
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| n38 | 30 | 40 | 519000 | 100@0 | DFT_QAM64  | 37.630 | 37.900 | PASS |
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| n38 | 30 | 40 | 520000 | 100@0 | DFT_QPSK   | 37.620 | 37.850 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM16  | 37.630 | 37.850 | PASS |

|     |    |    |        |       |            |        |        |      |
|-----|----|----|--------|-------|------------|--------|--------|------|
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM64  | 37.660 | 37.880 | PASS |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QAM256 | 37.630 | 37.840 | PASS |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QPSK    | 38.000 | 40.050 | PASS |
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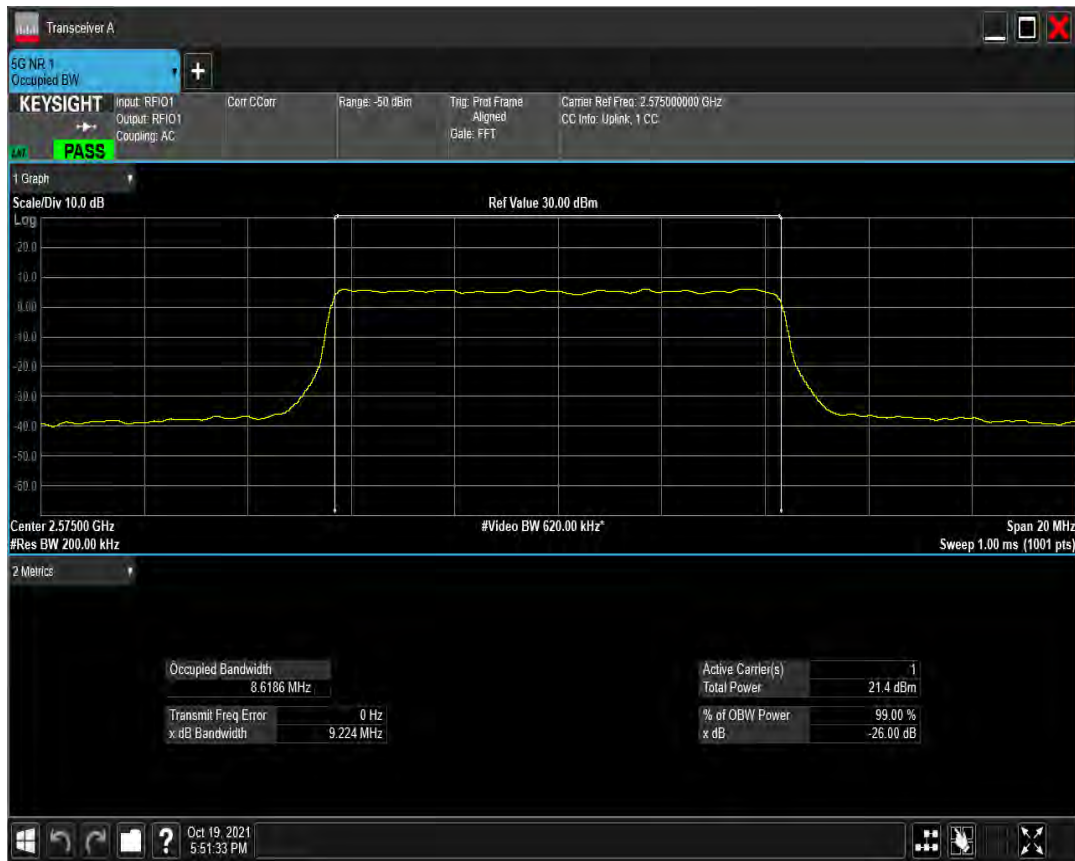
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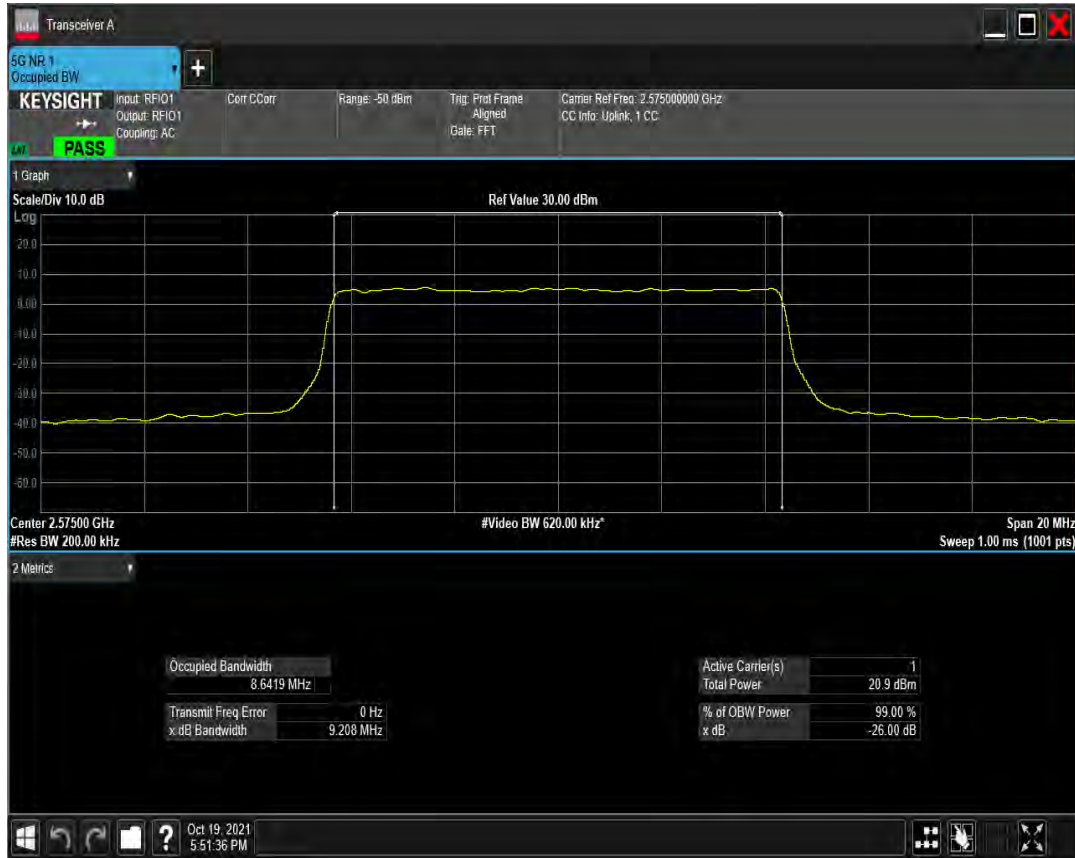
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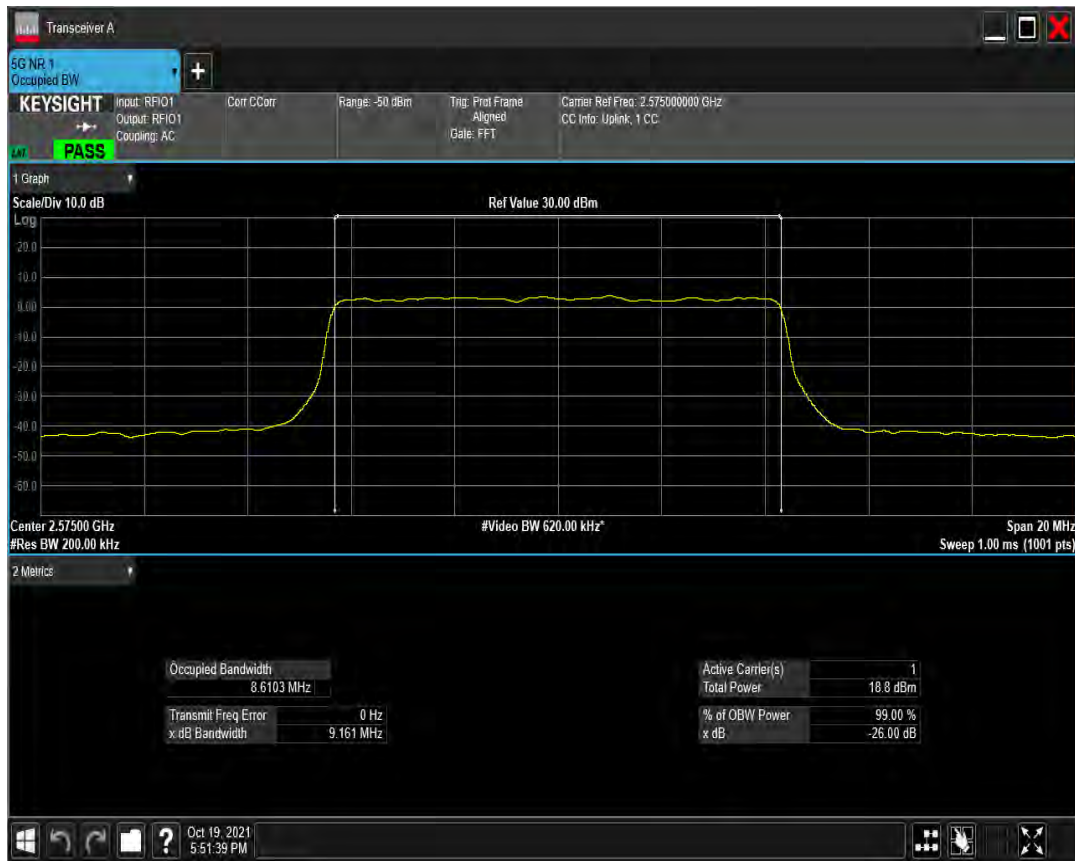
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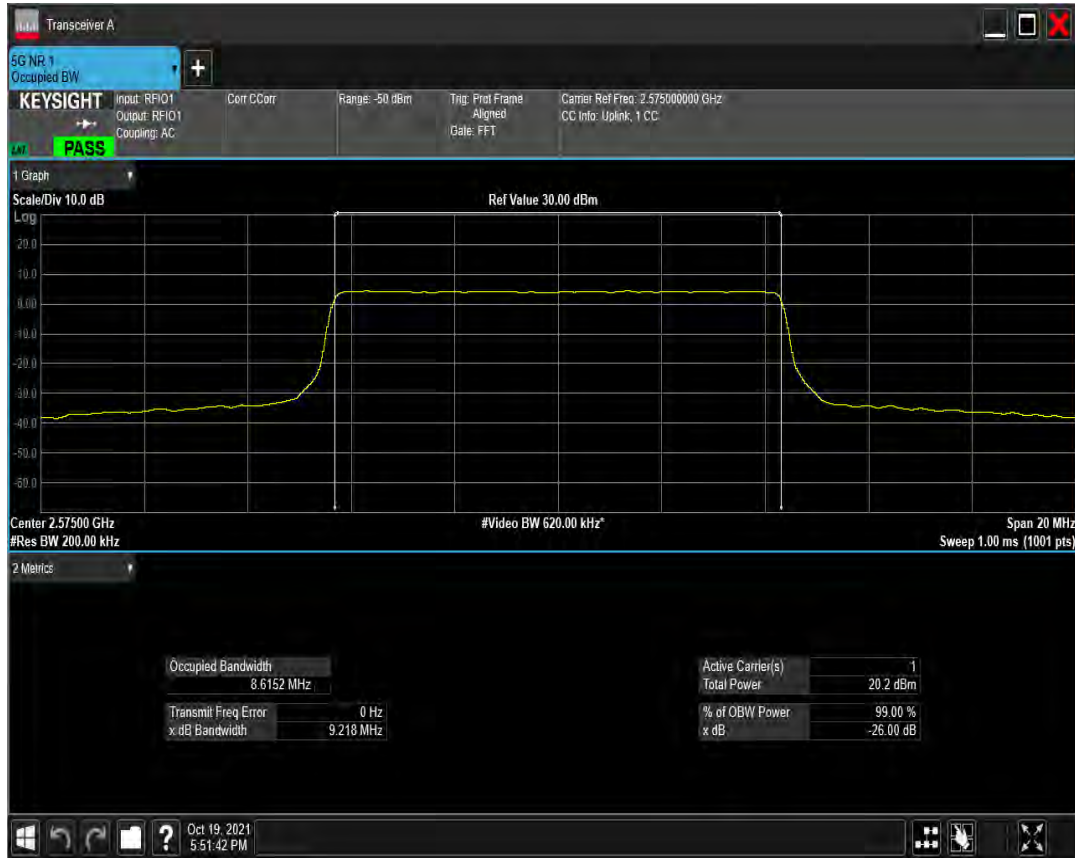
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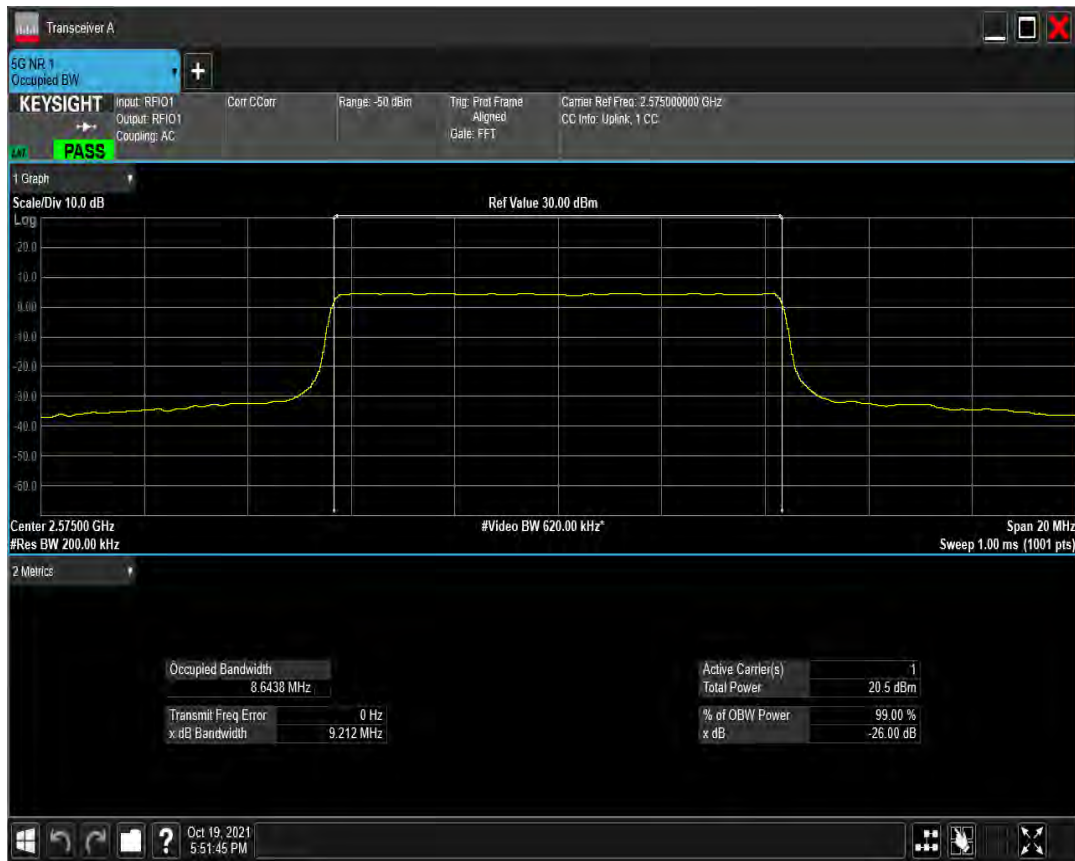
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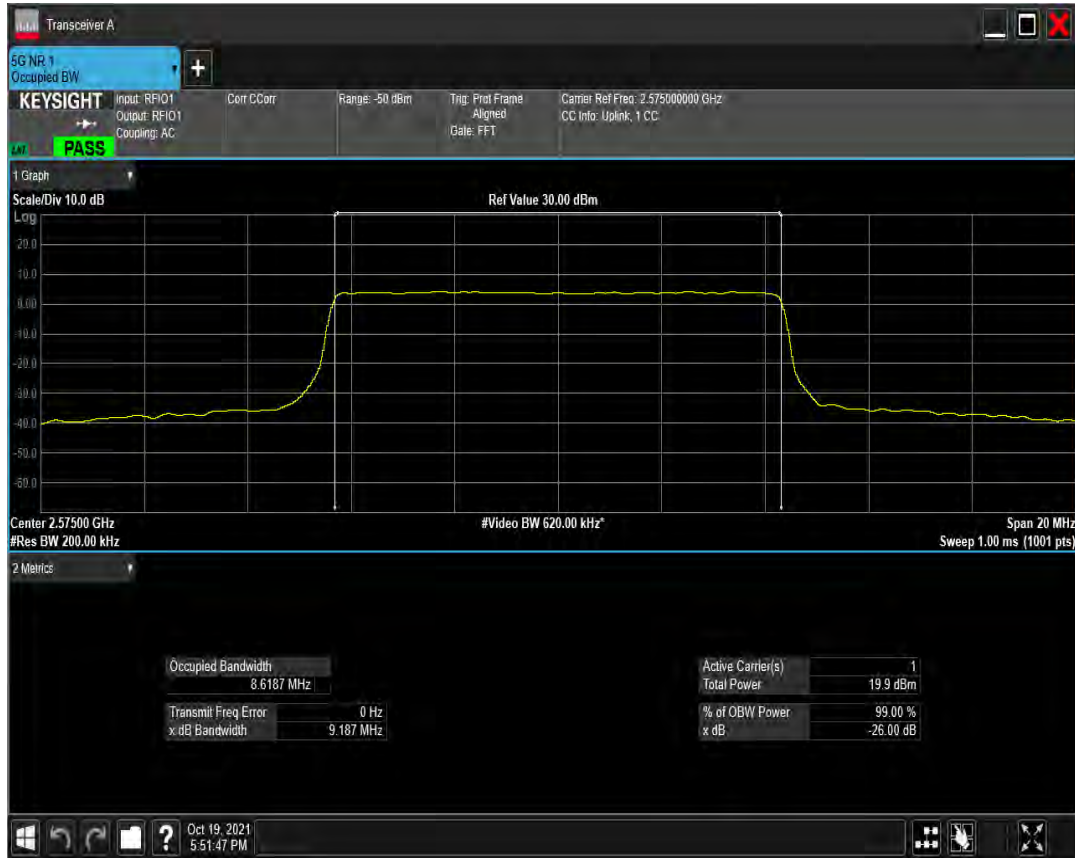
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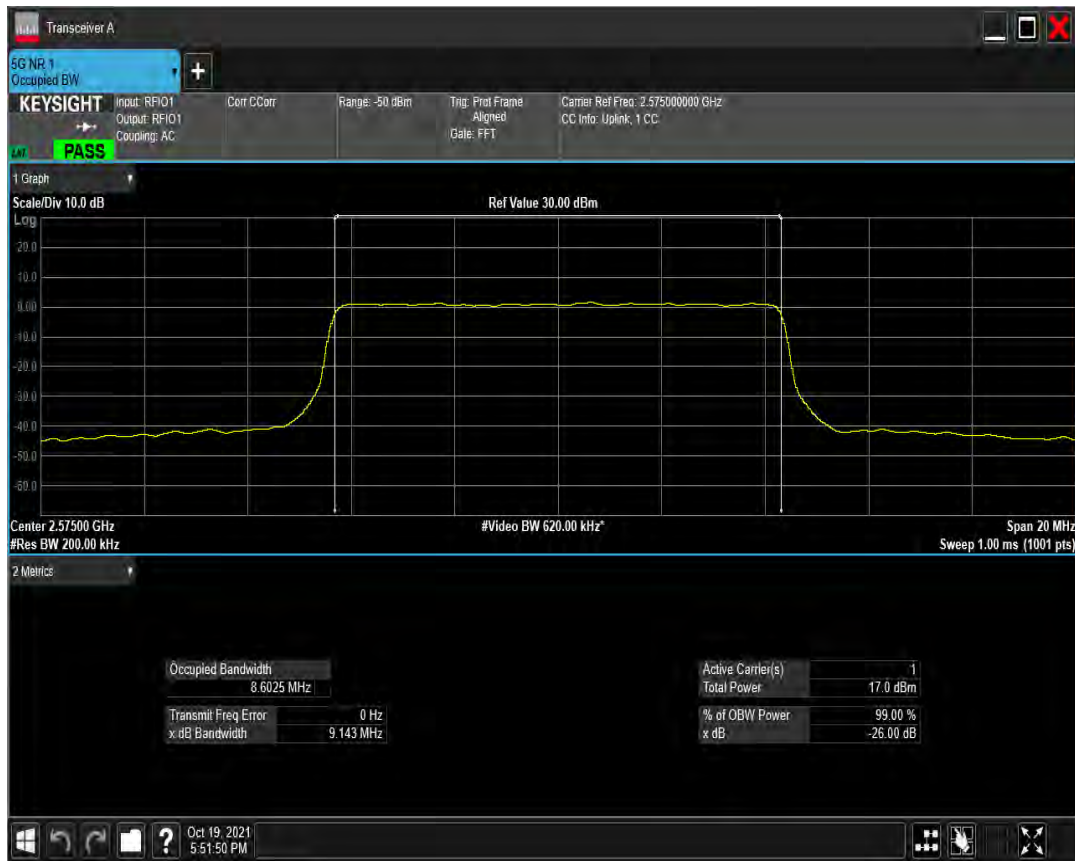
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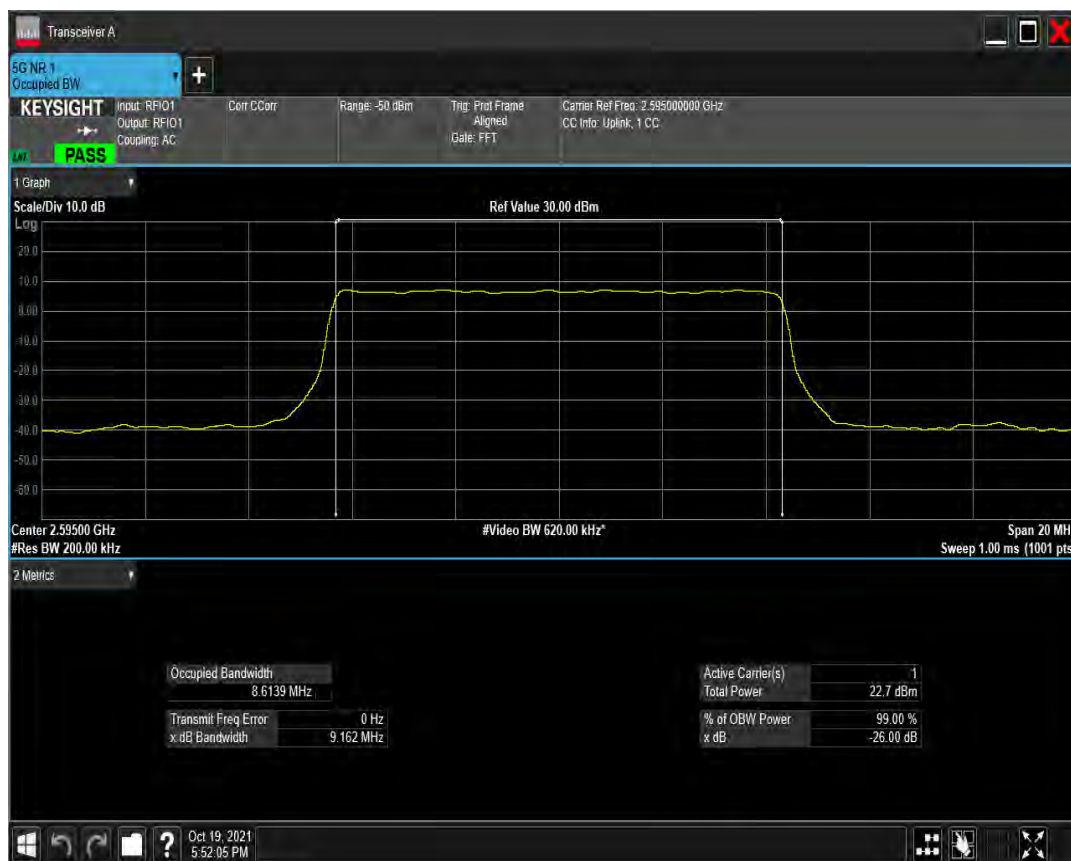
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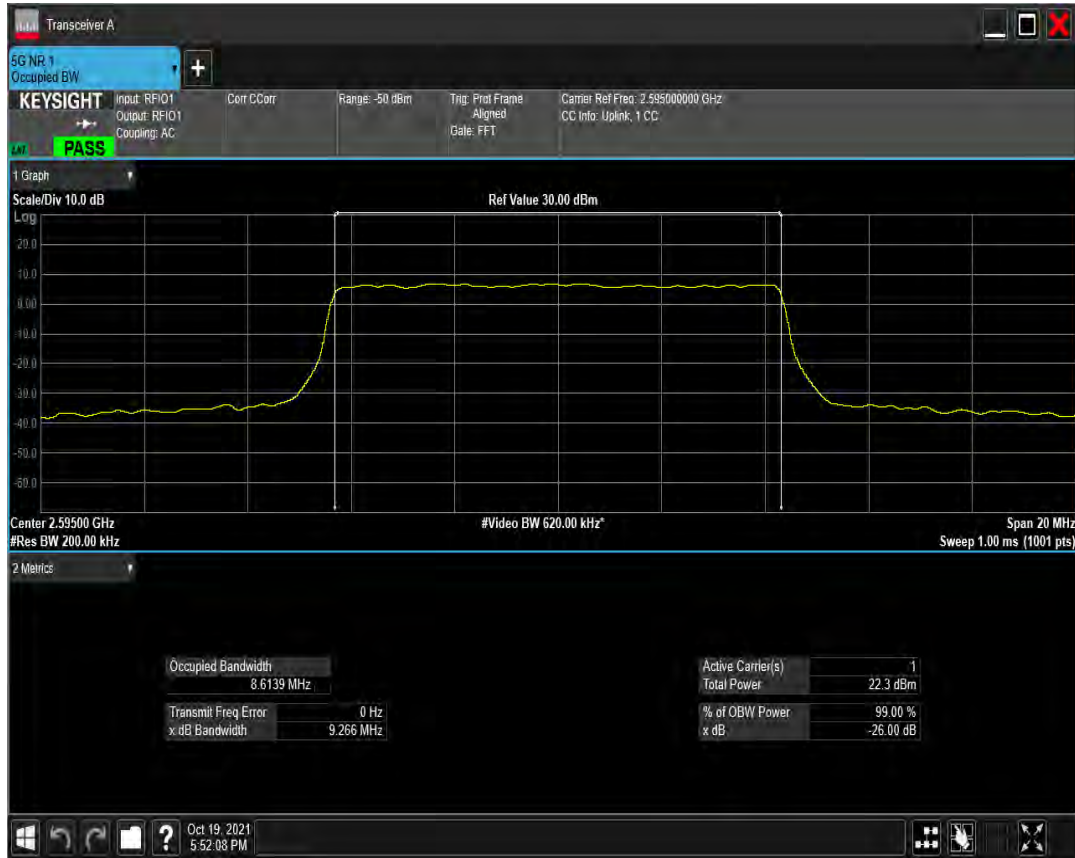
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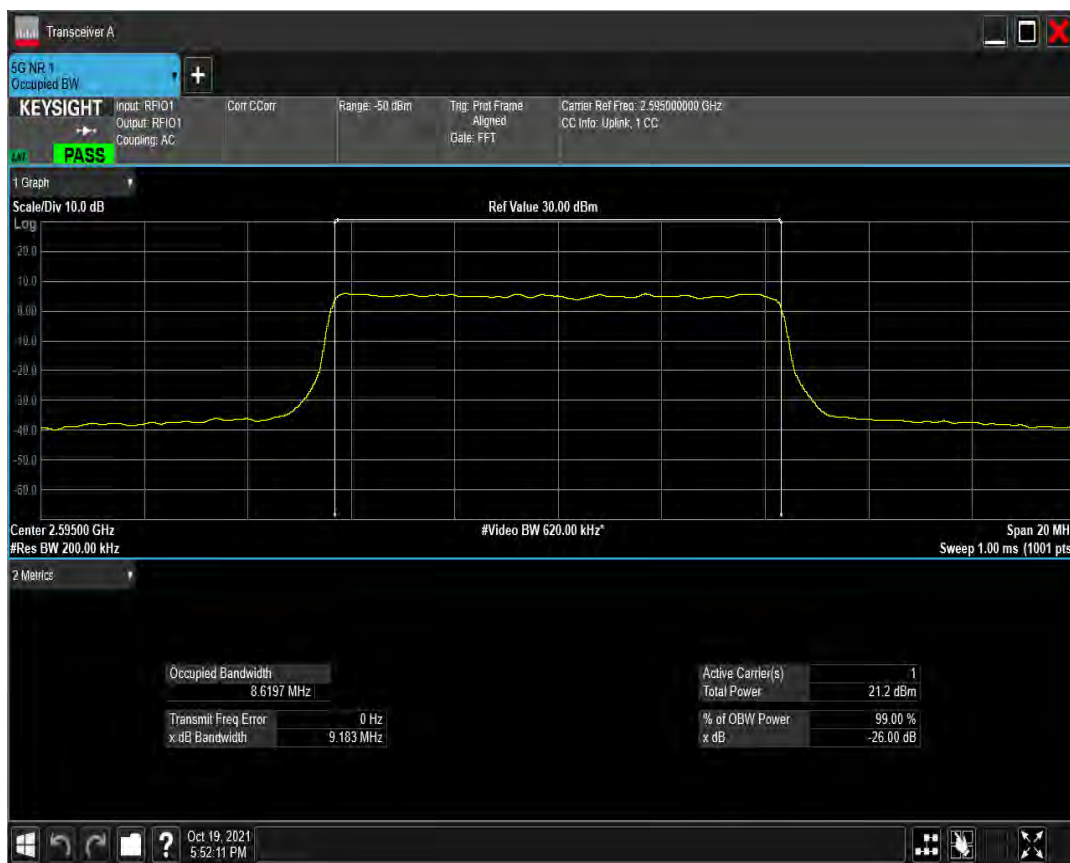
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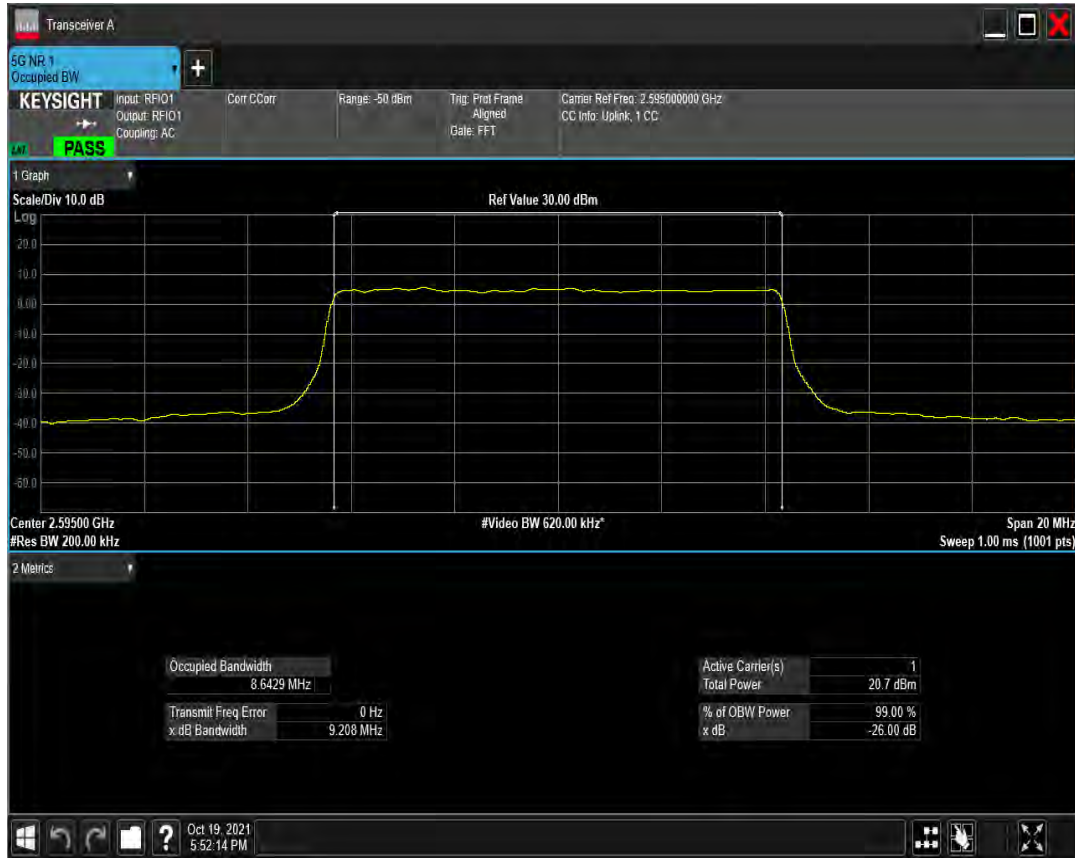
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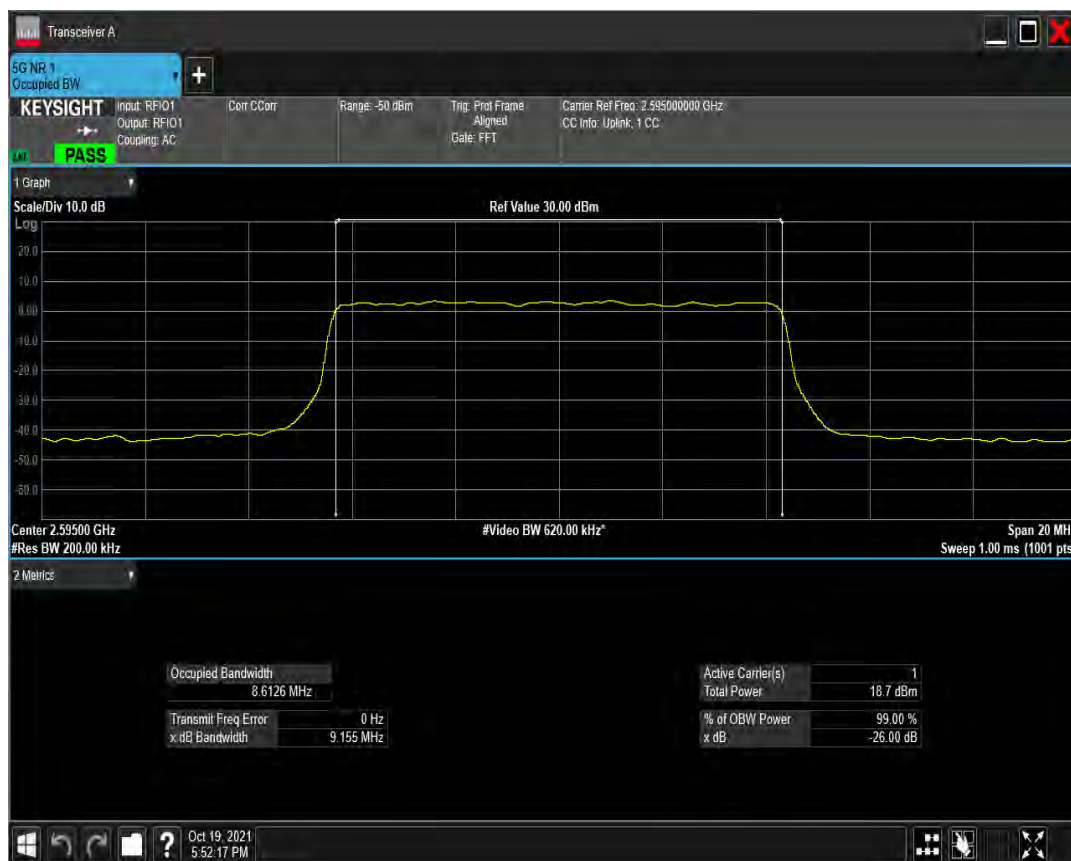
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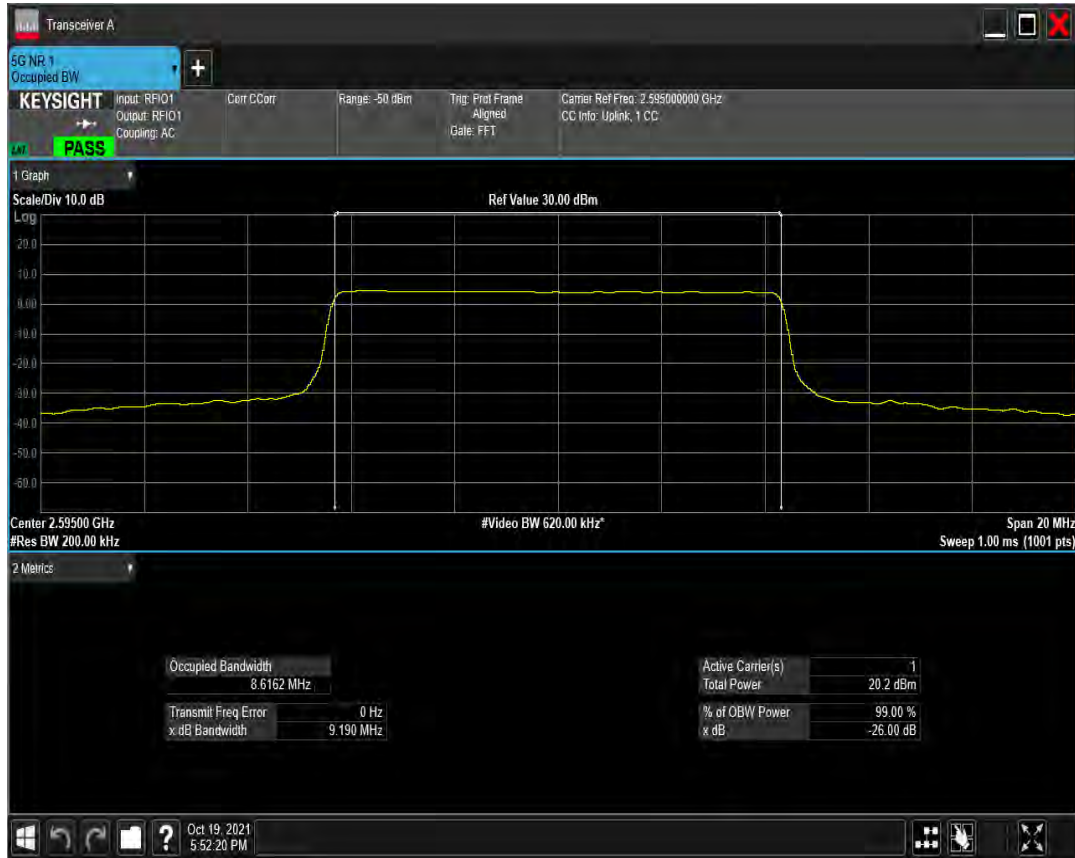
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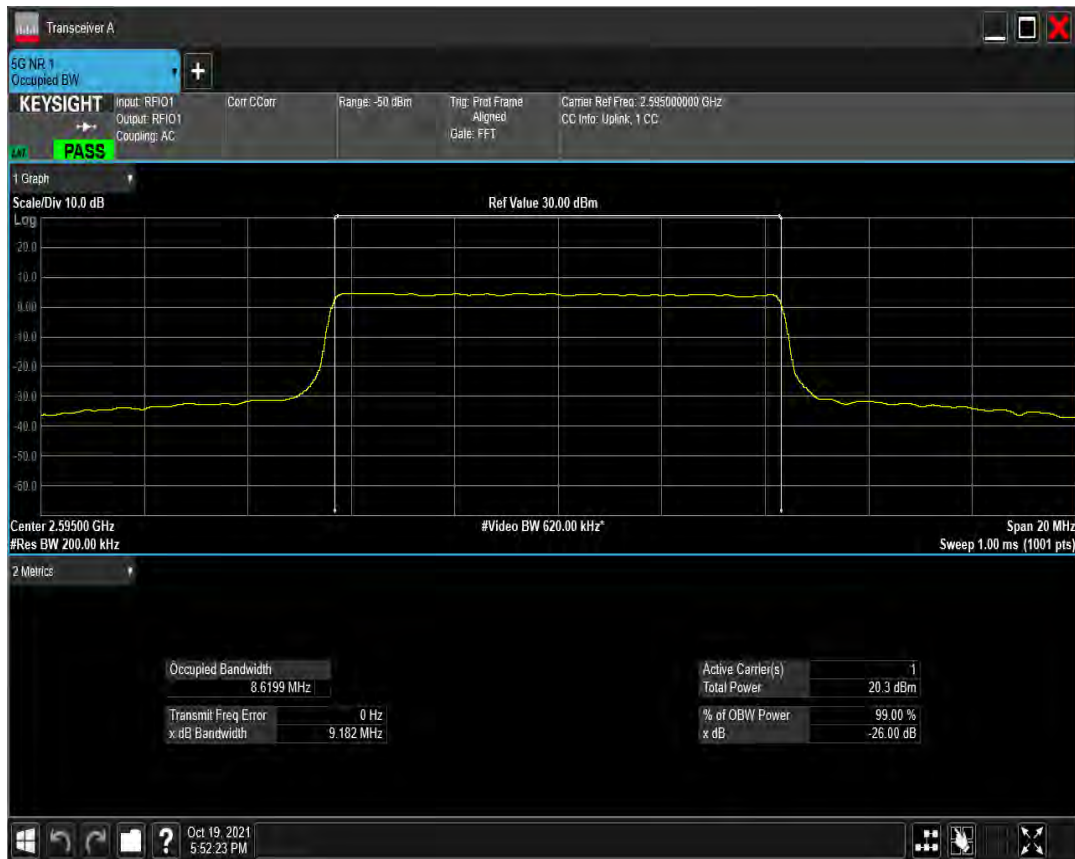
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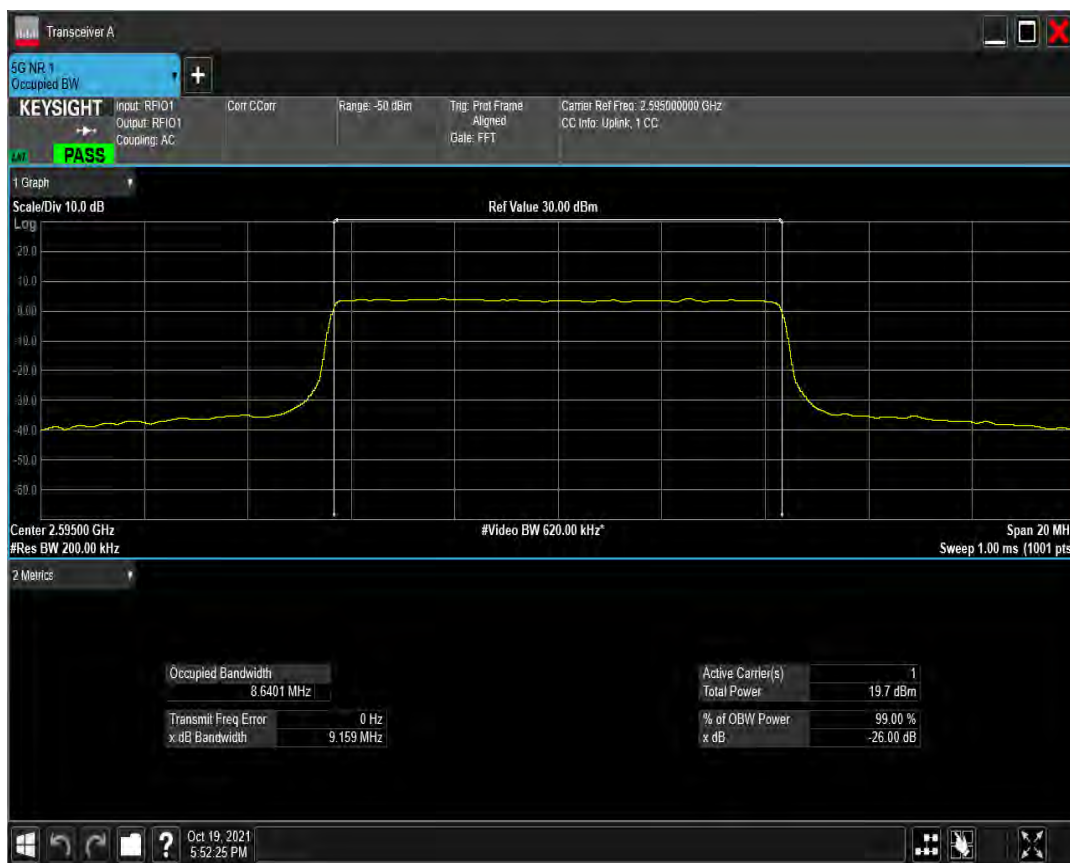
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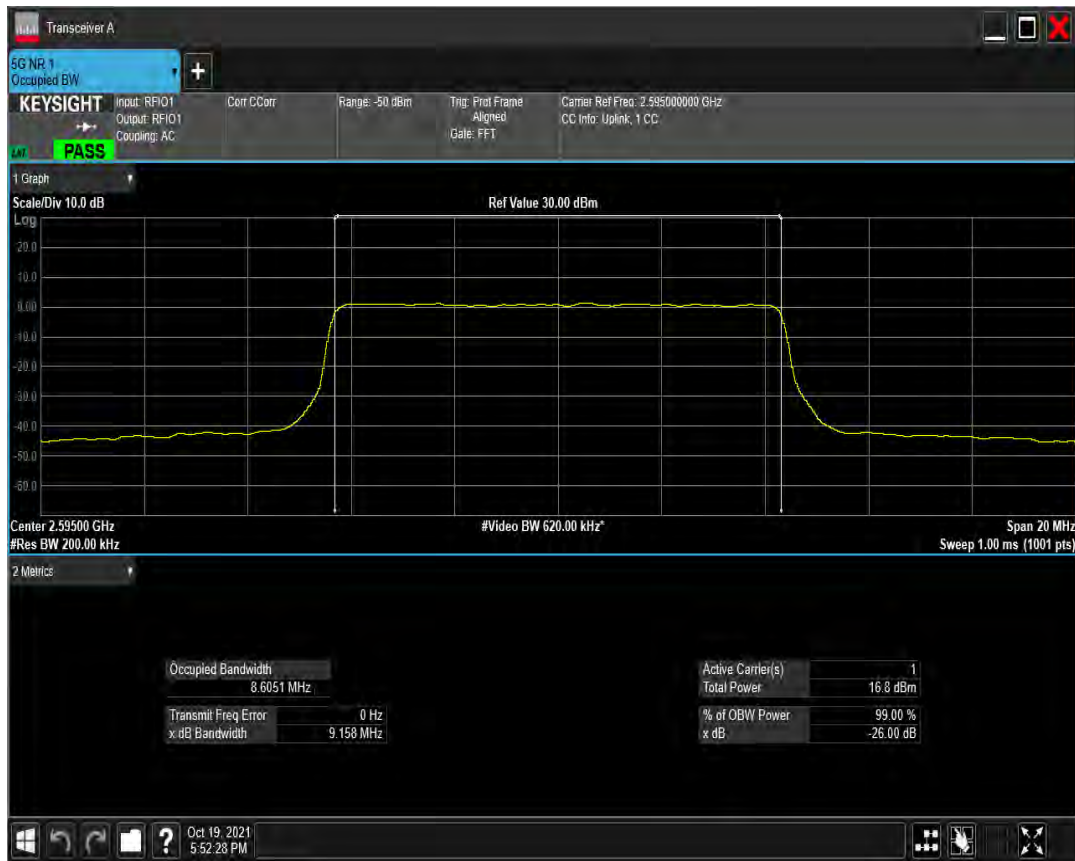
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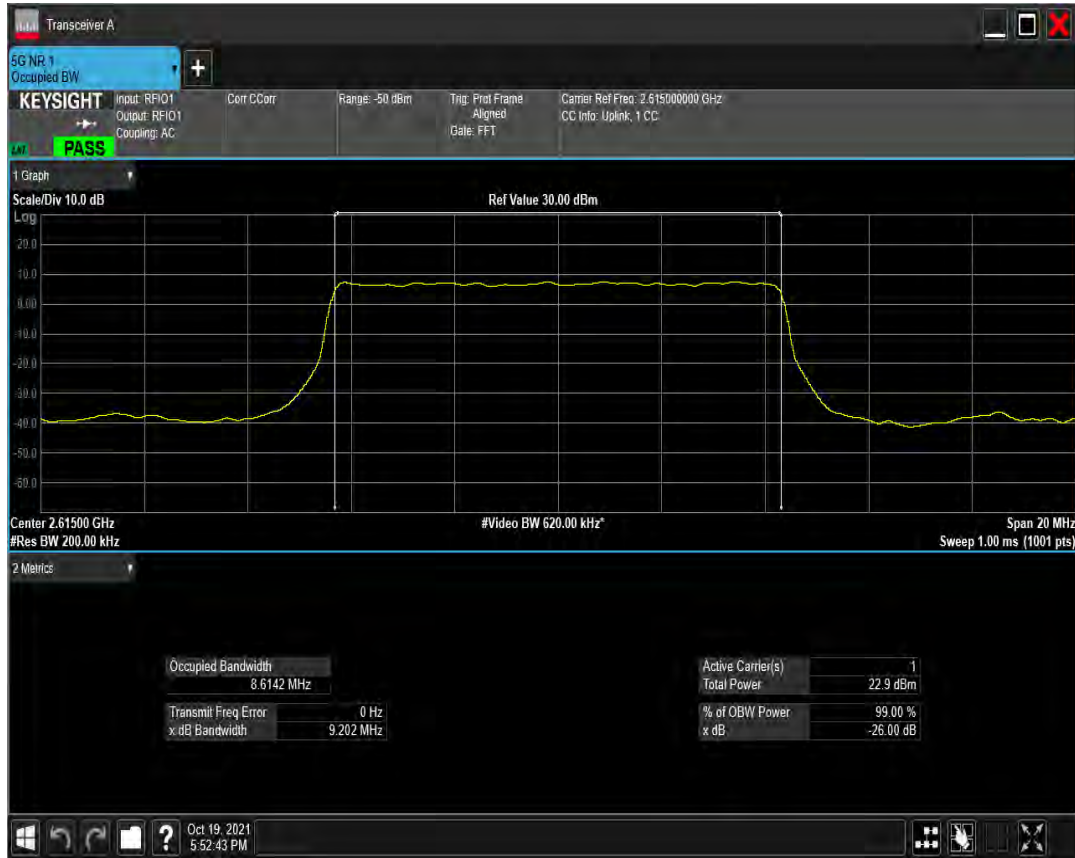
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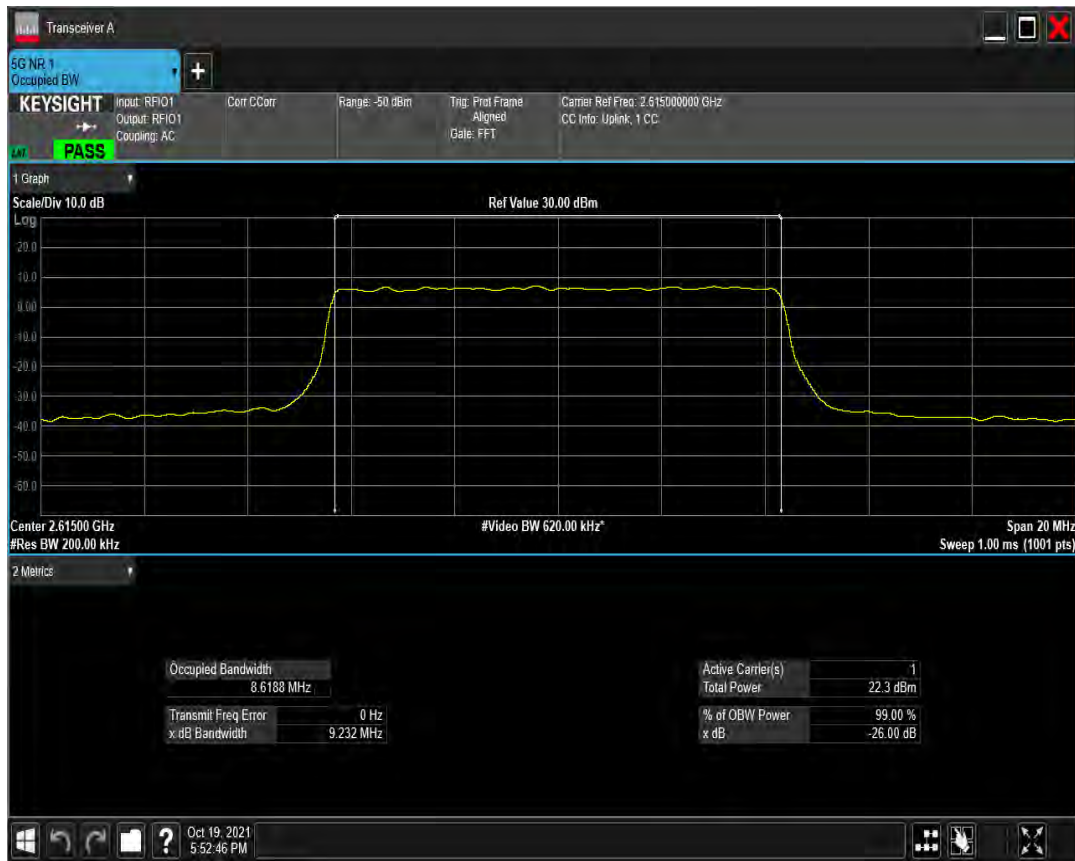
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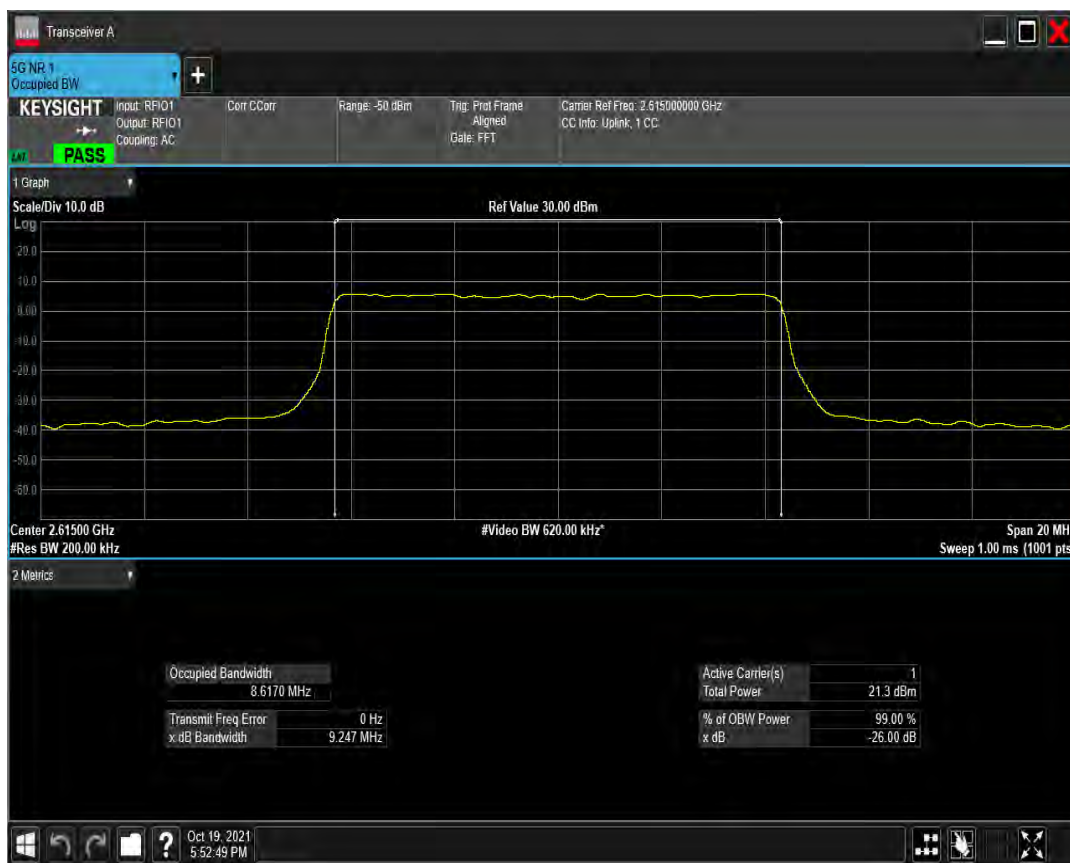
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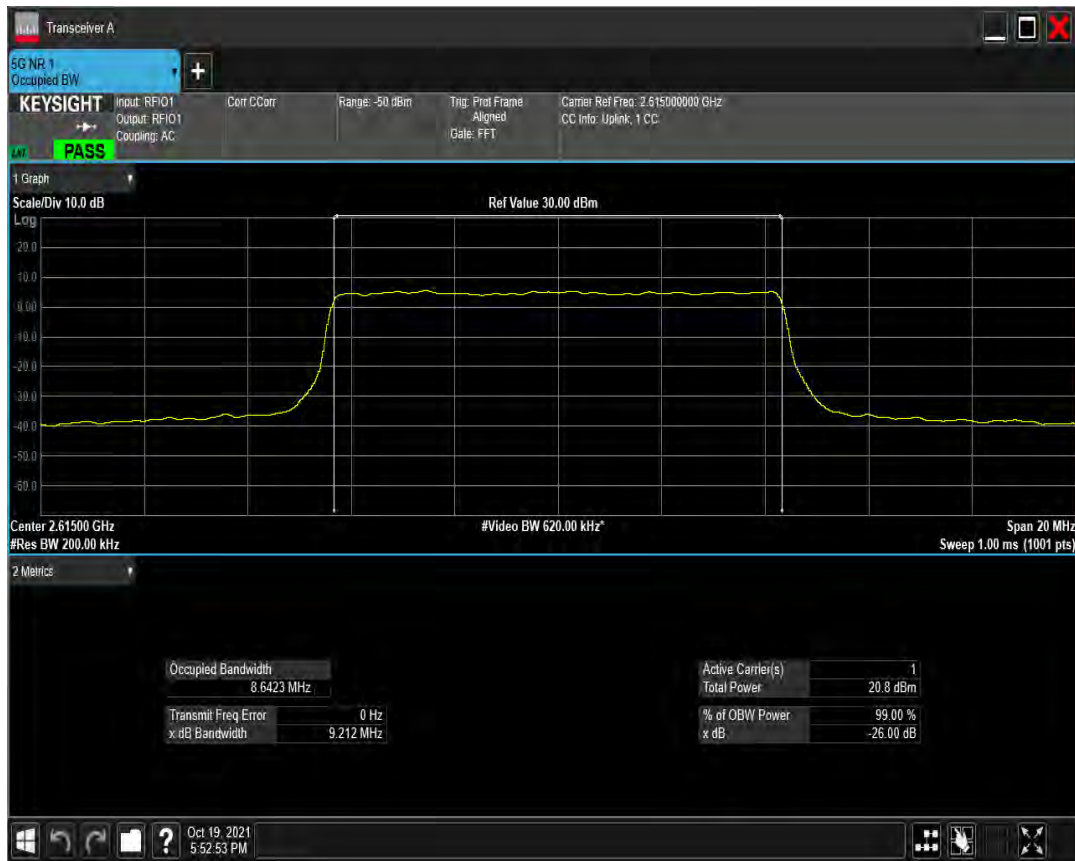
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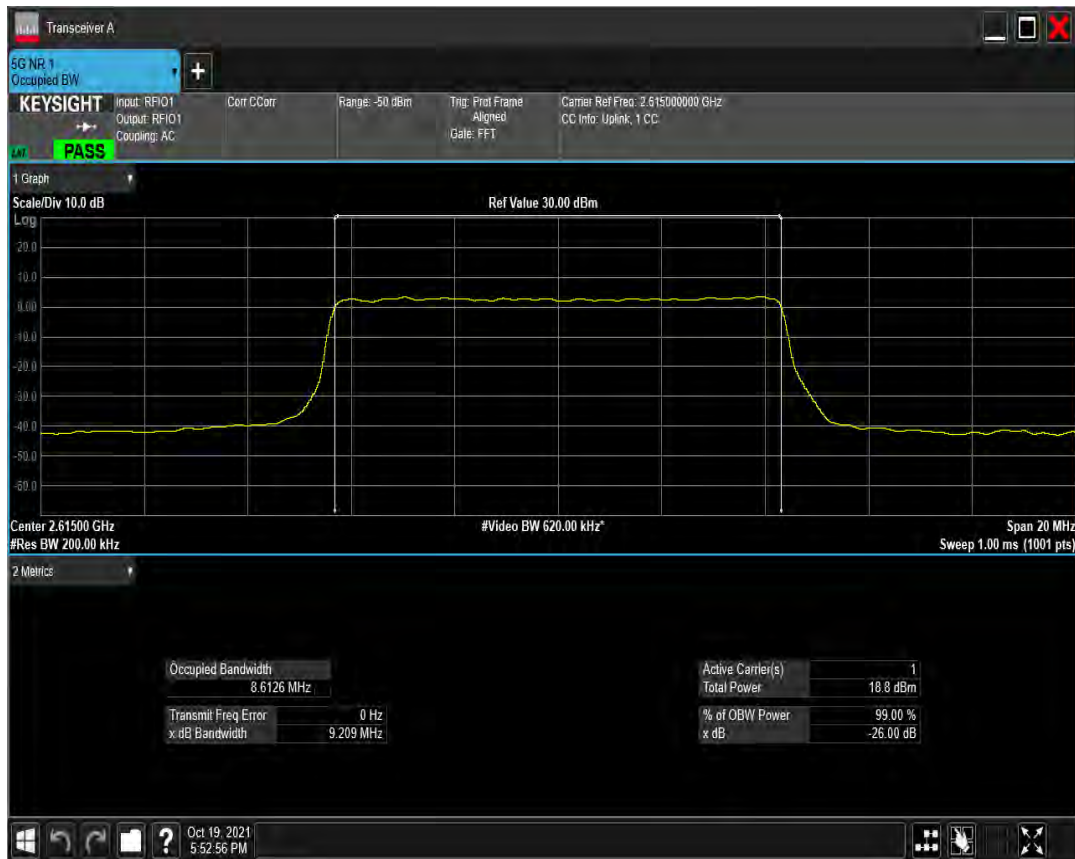
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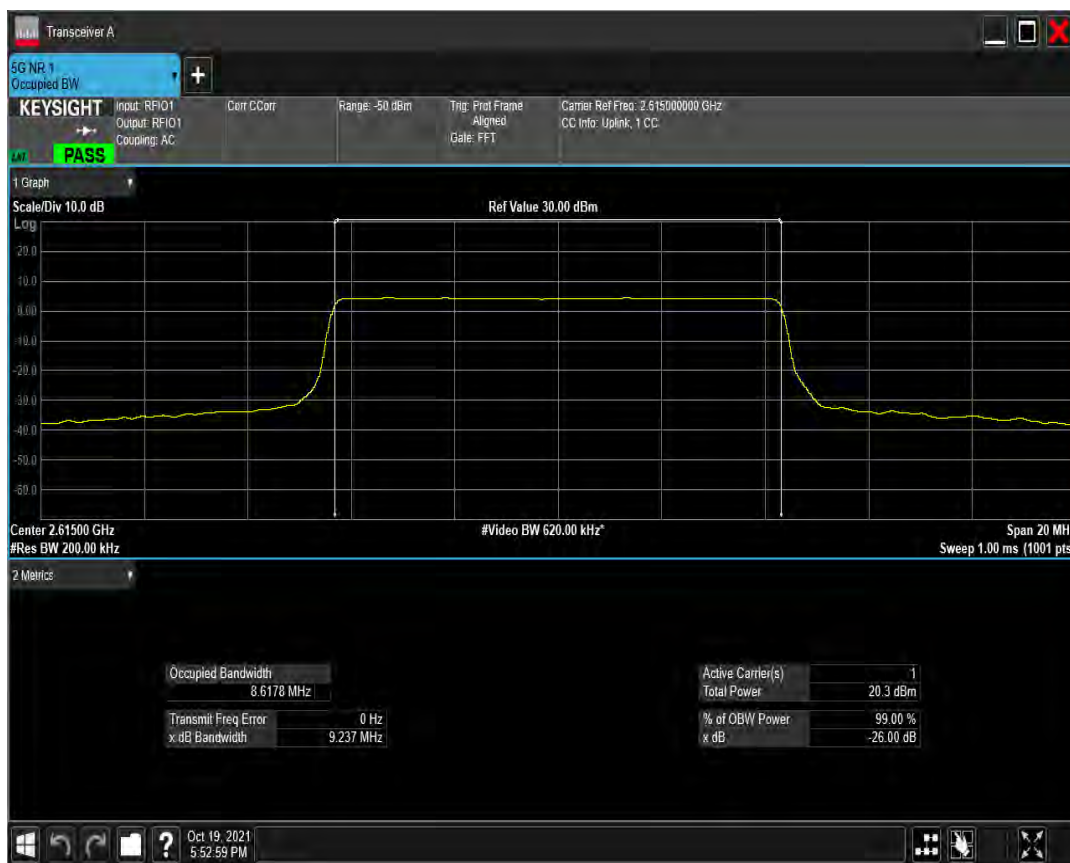
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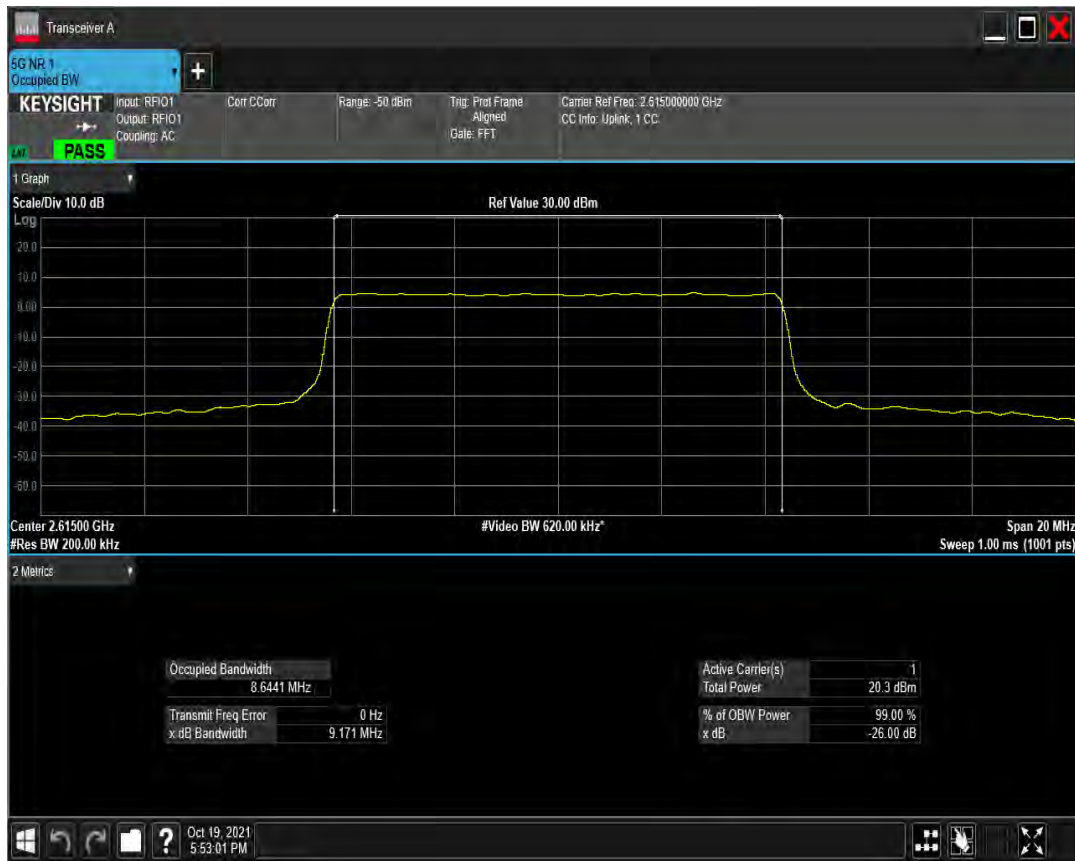
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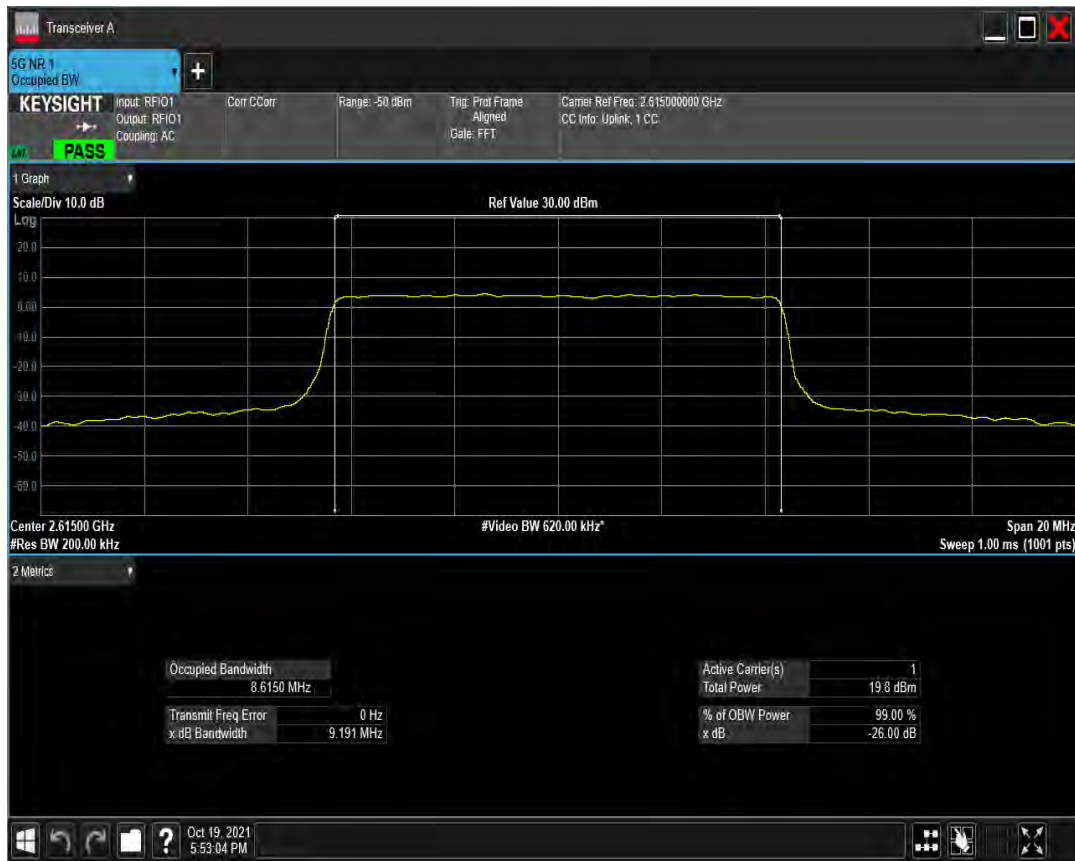
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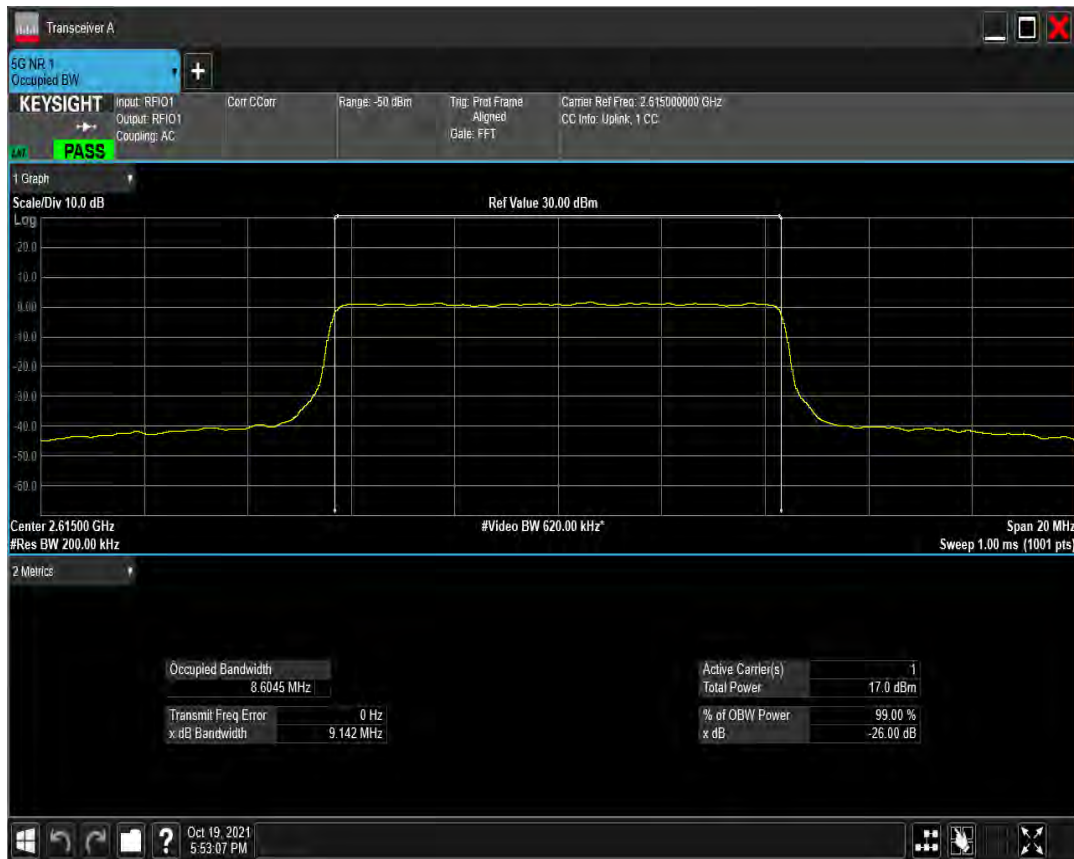
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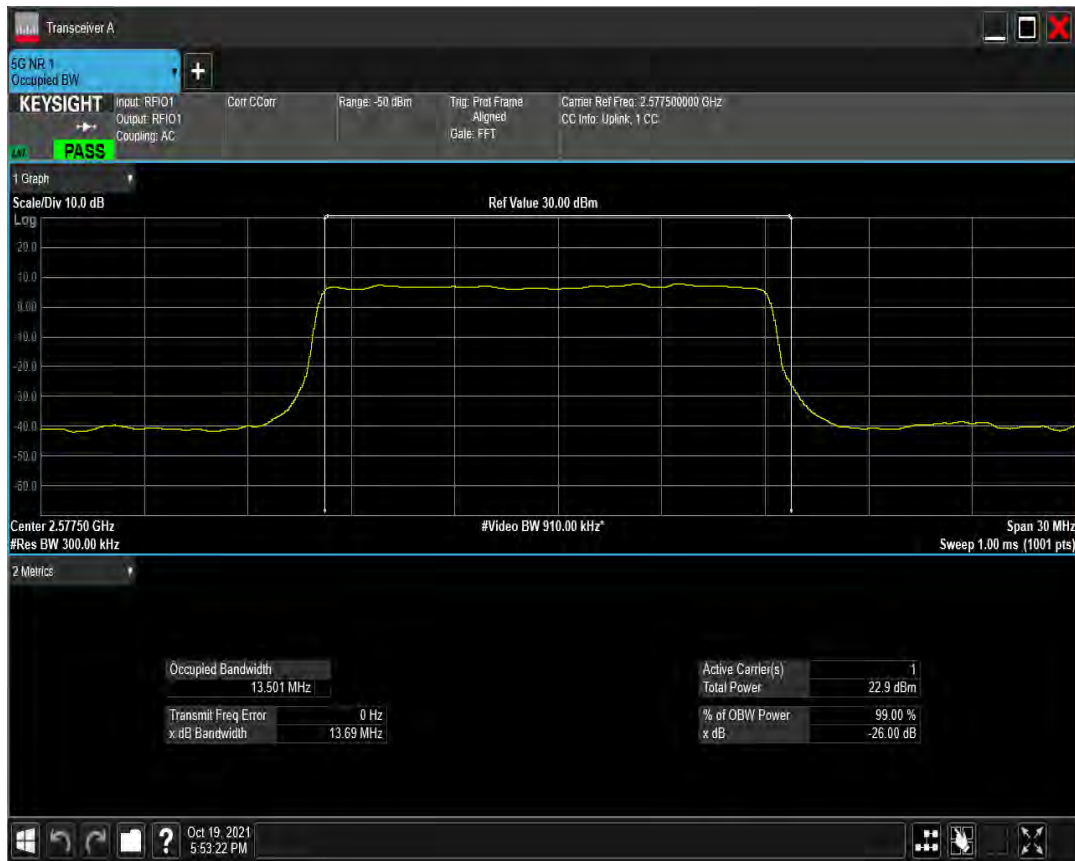
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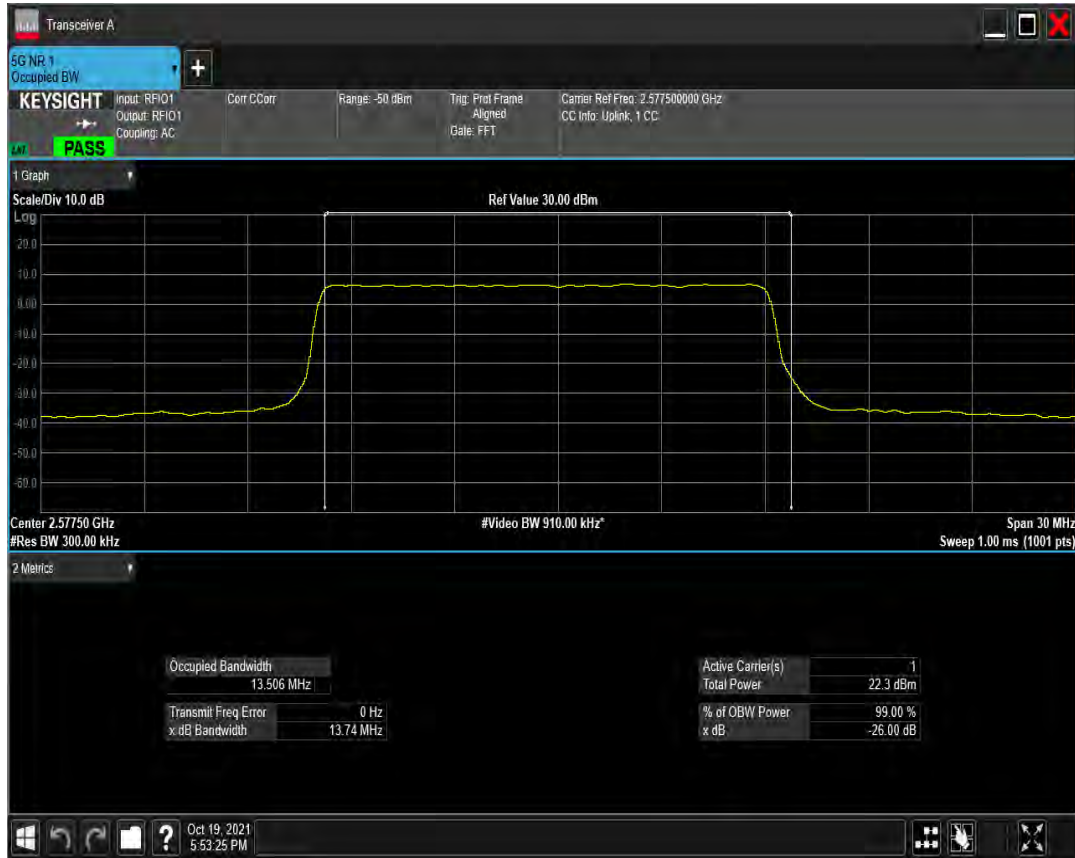
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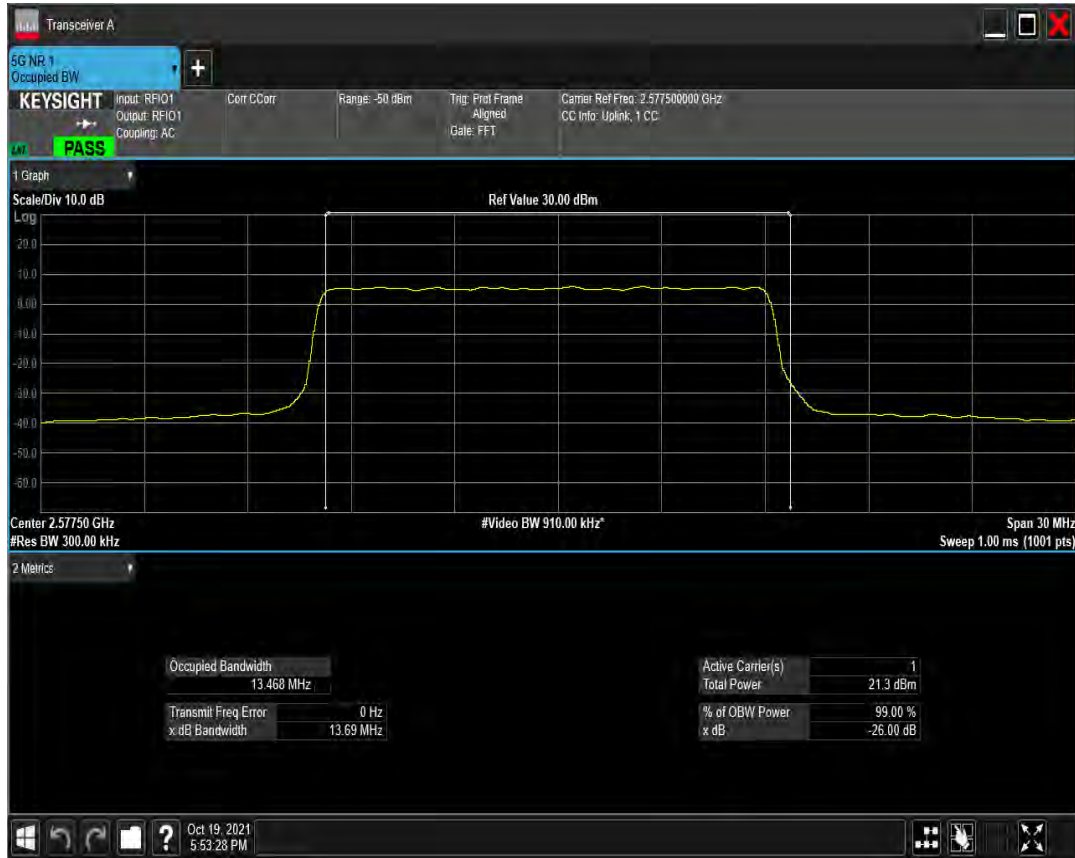
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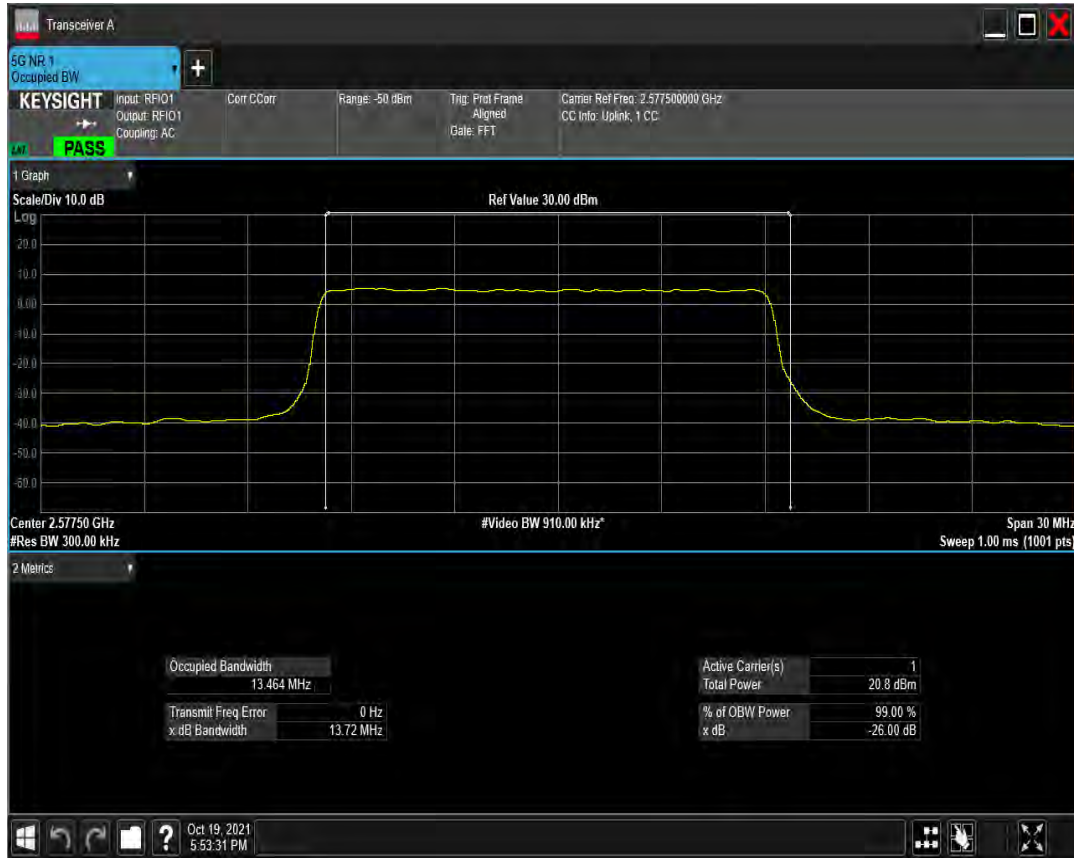
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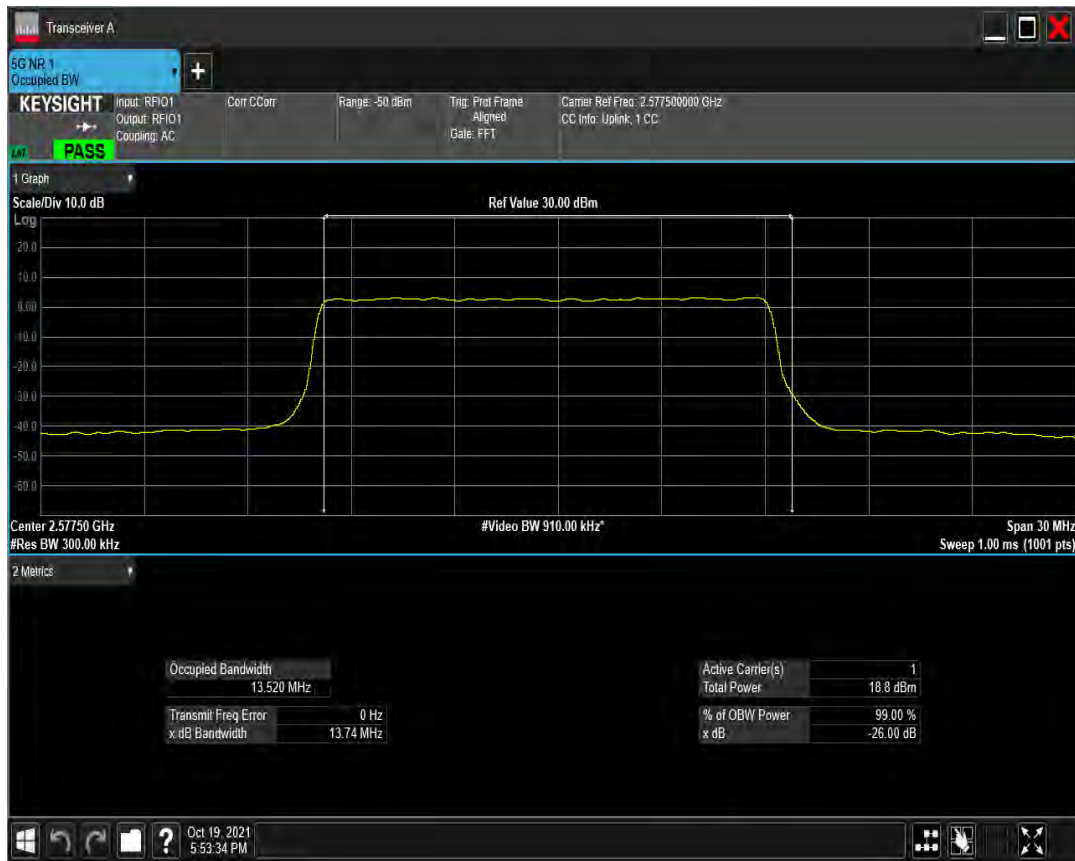
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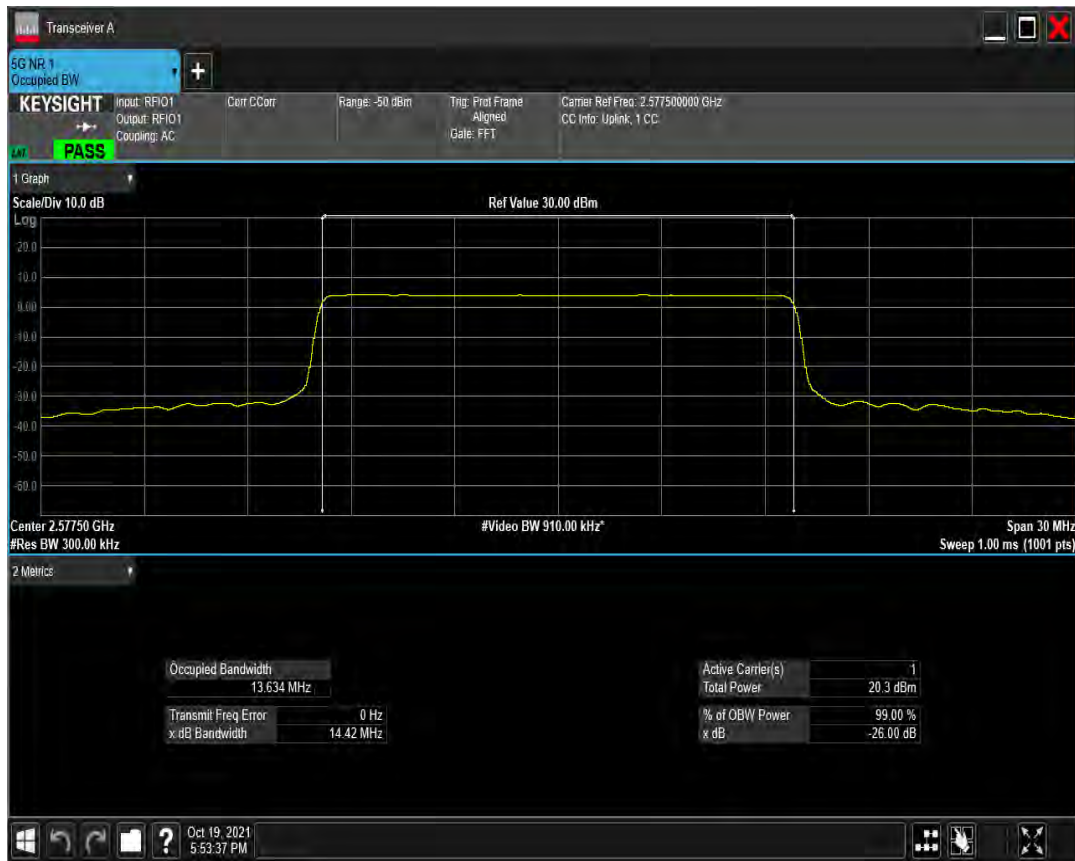
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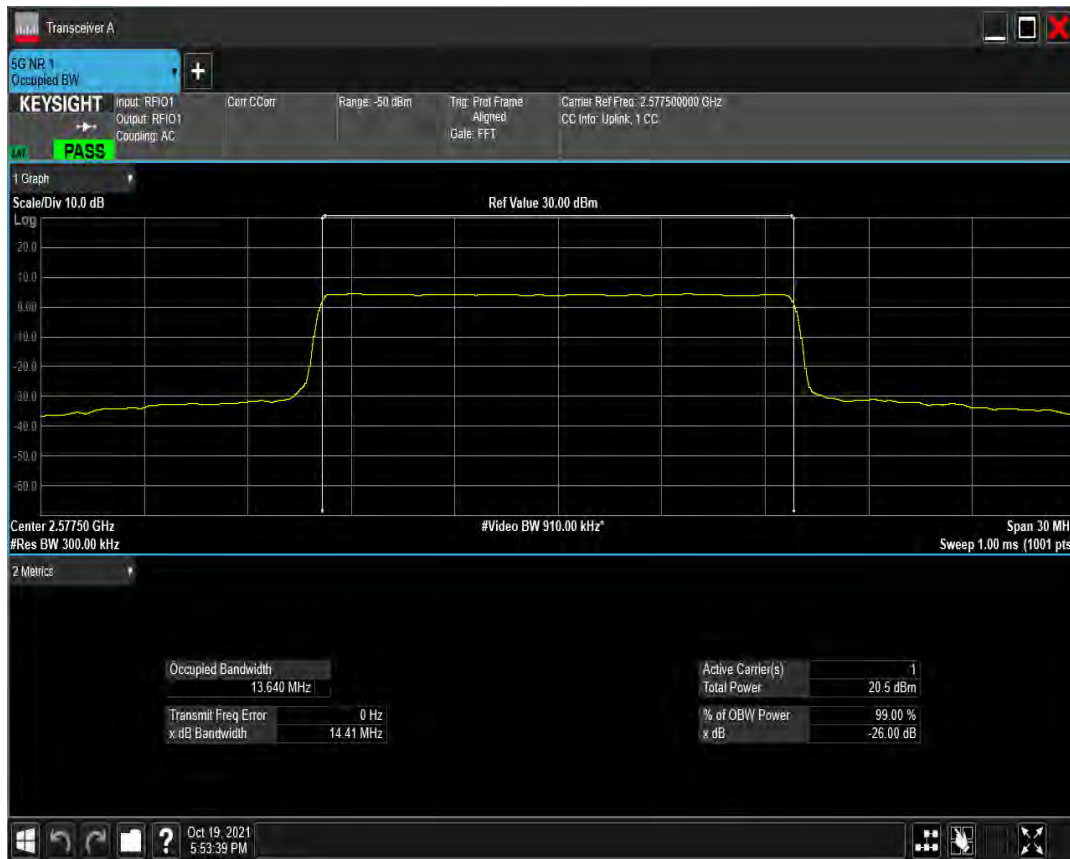
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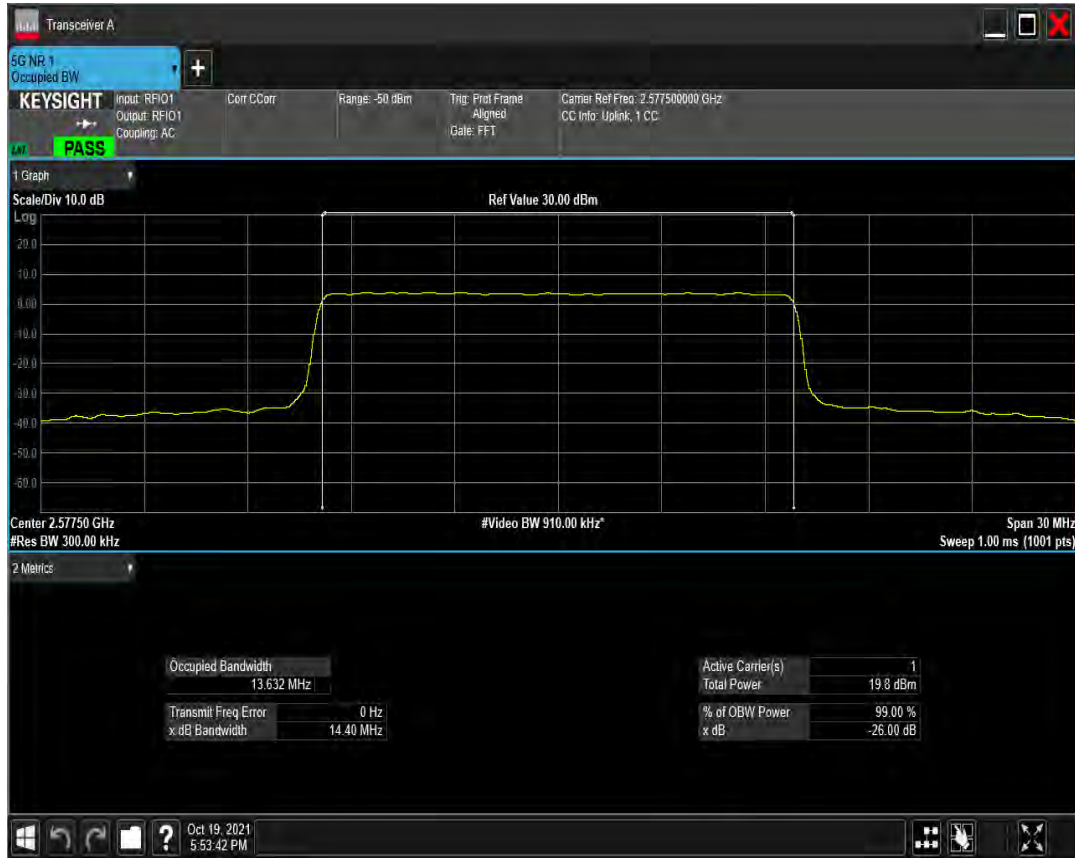
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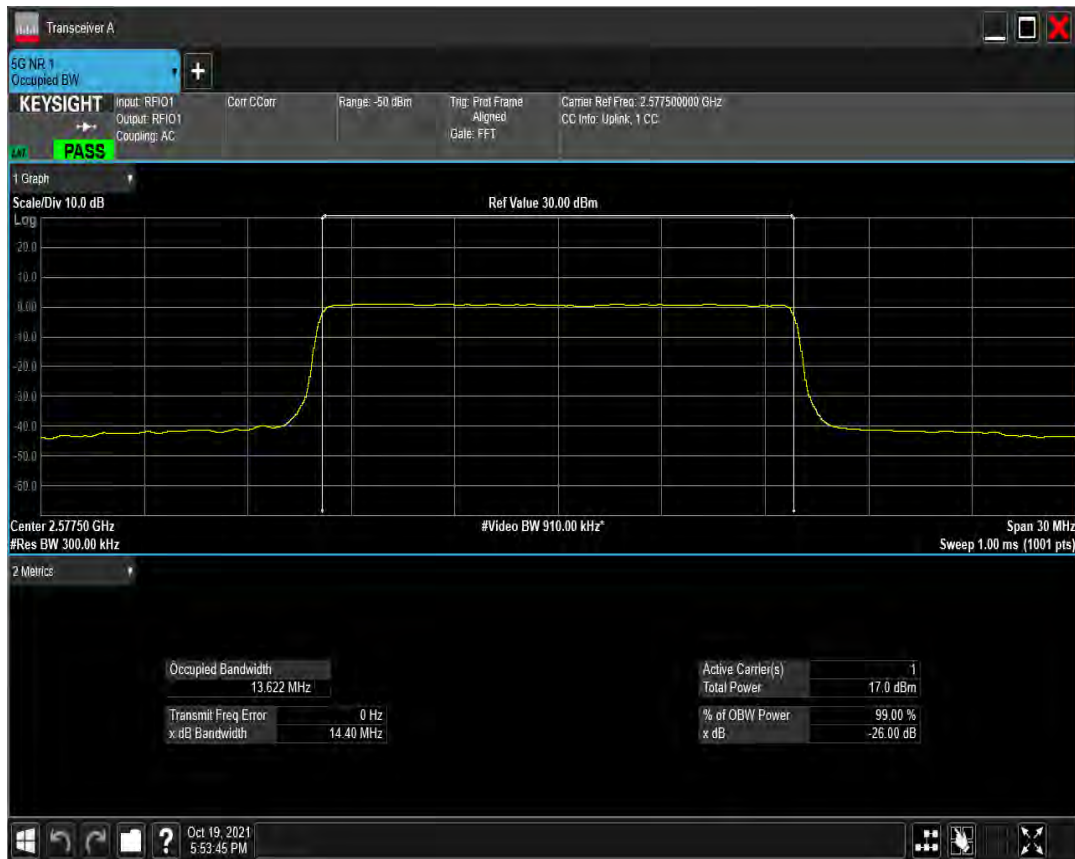
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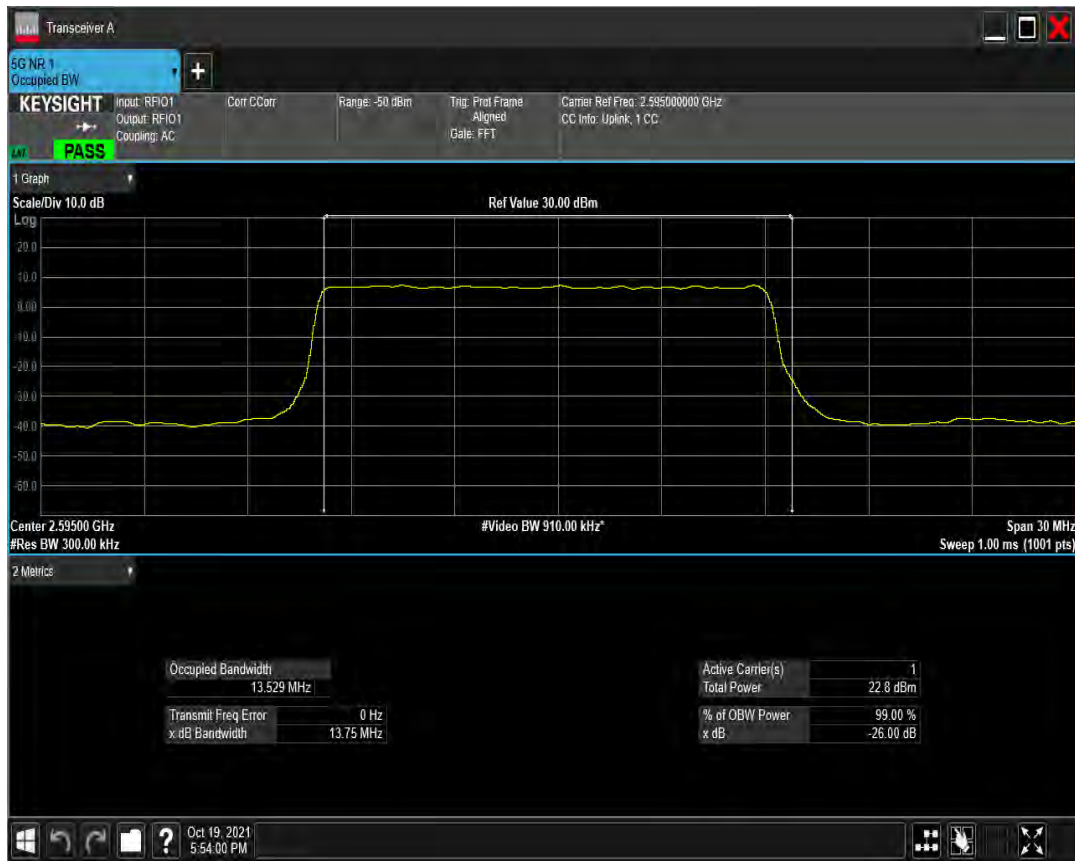
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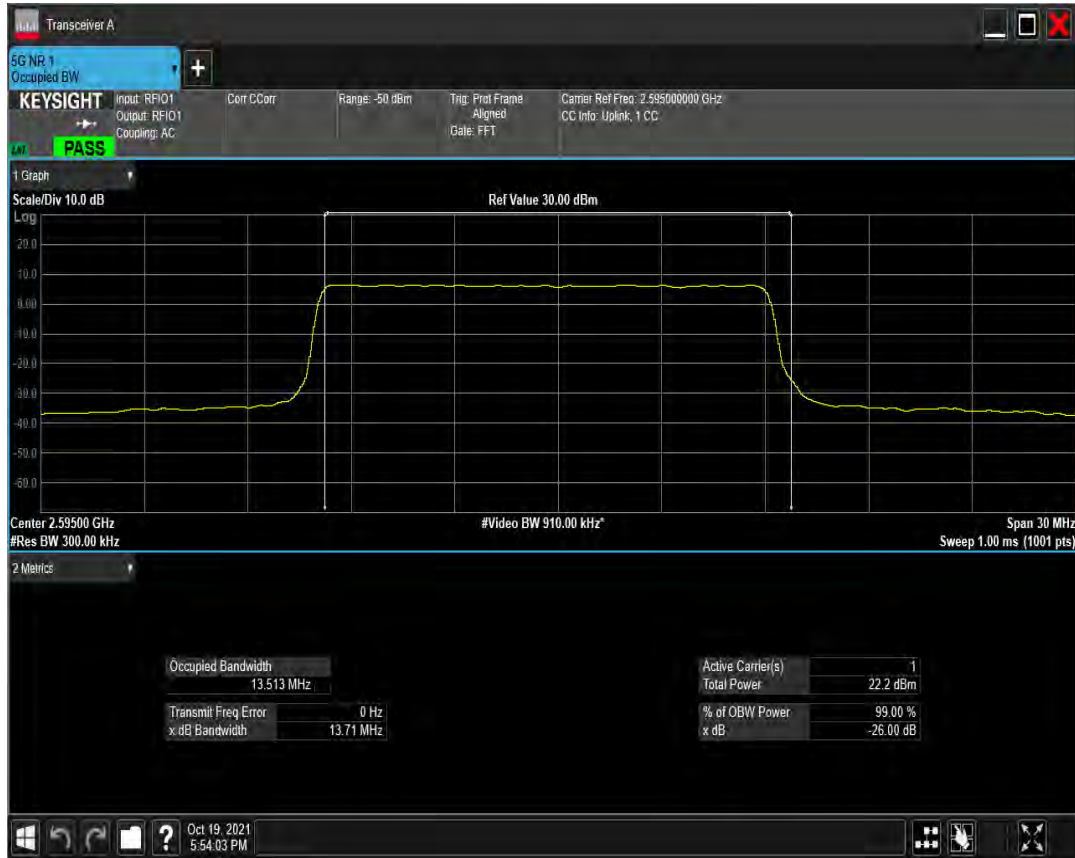
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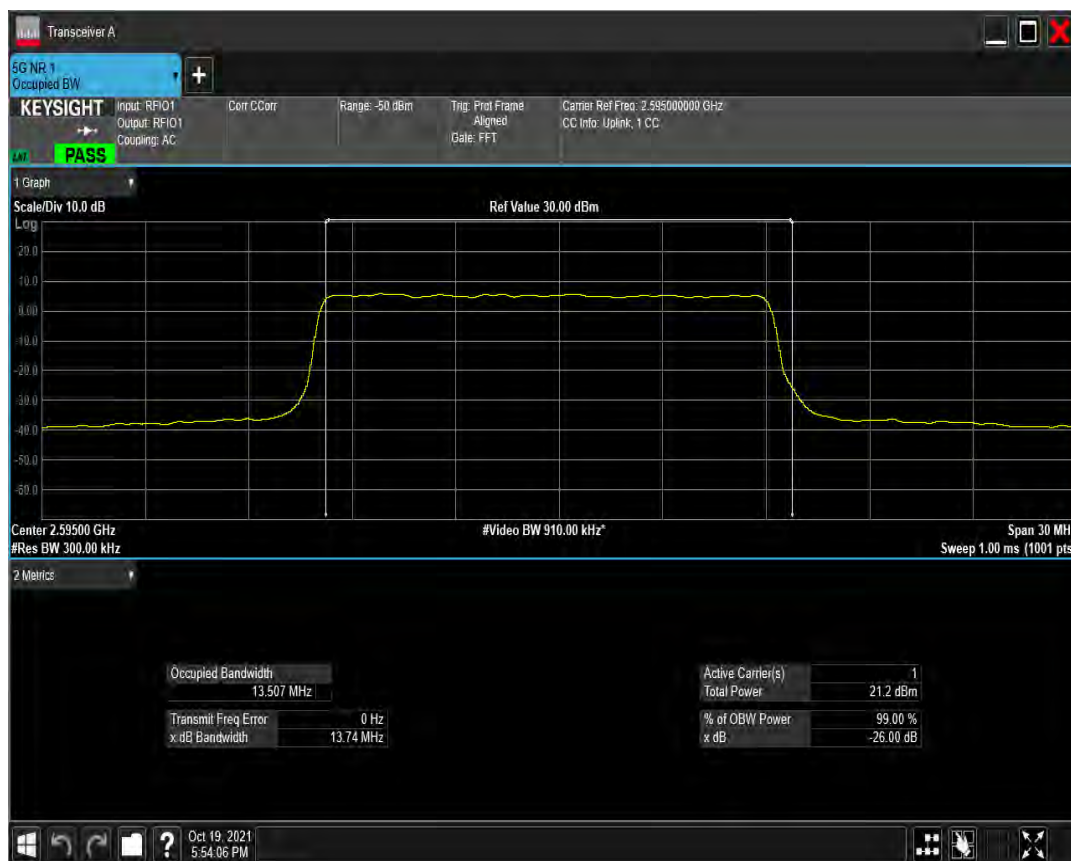
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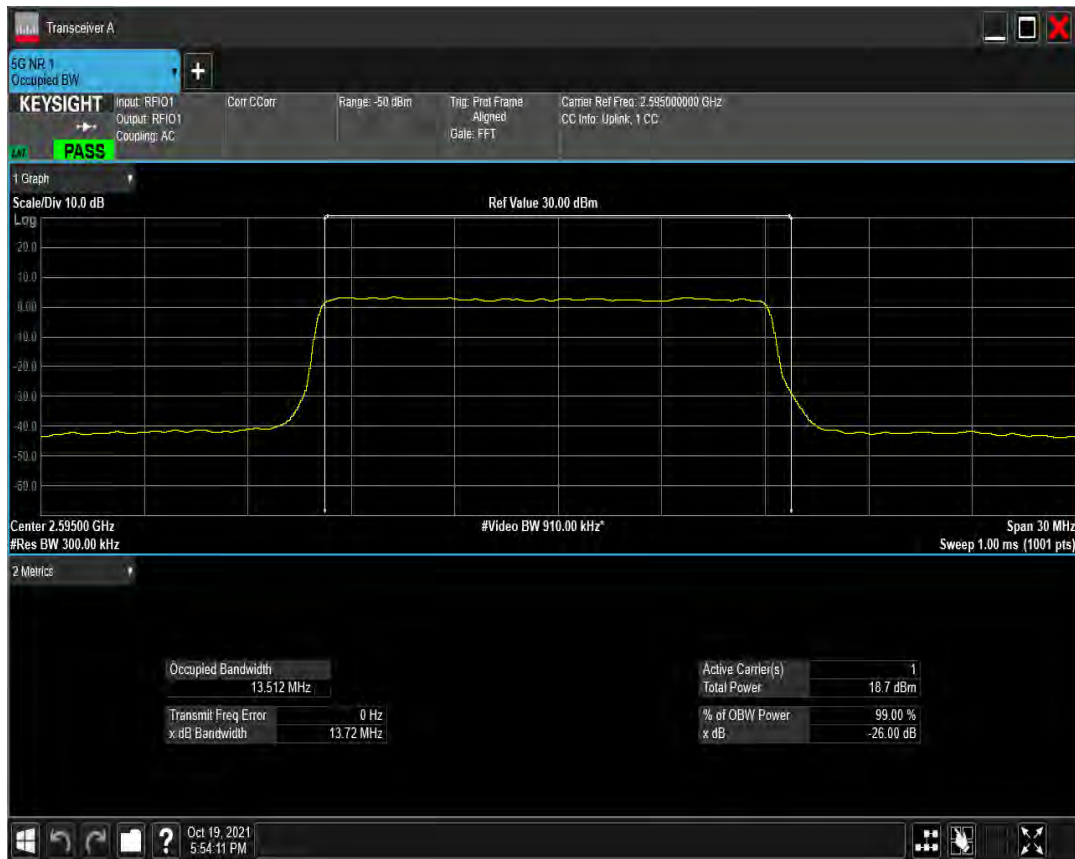
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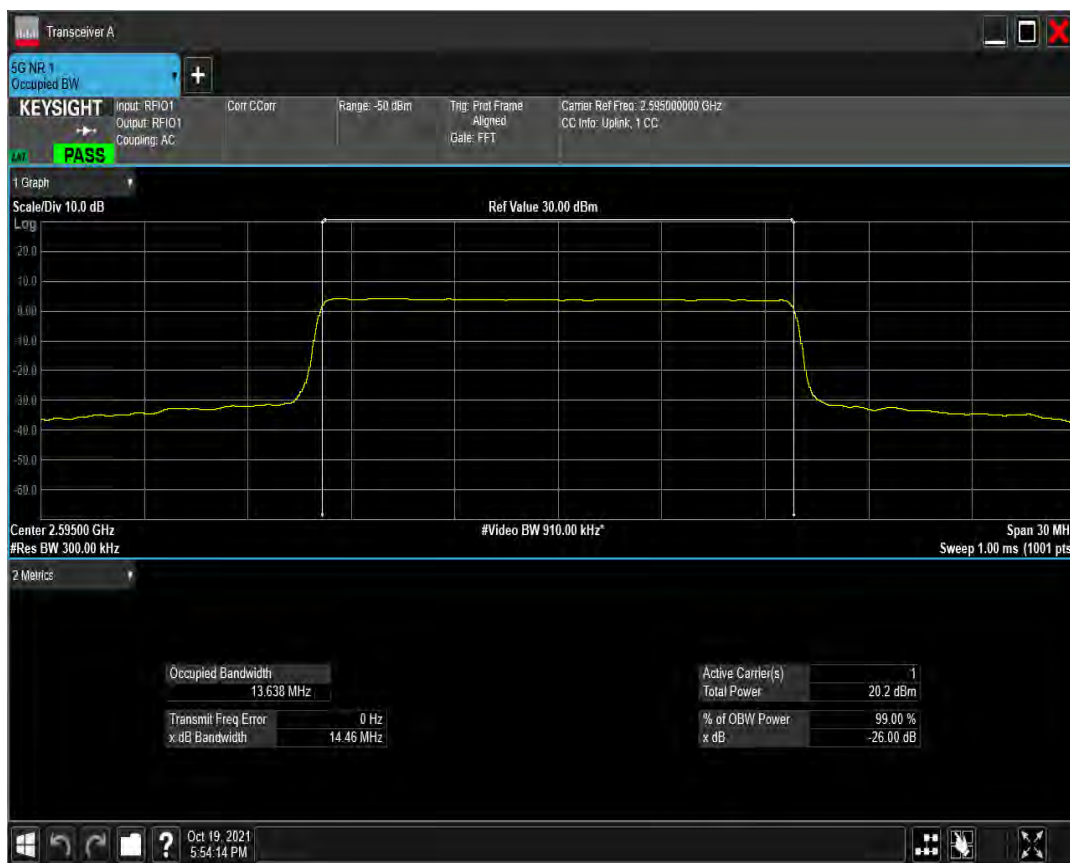
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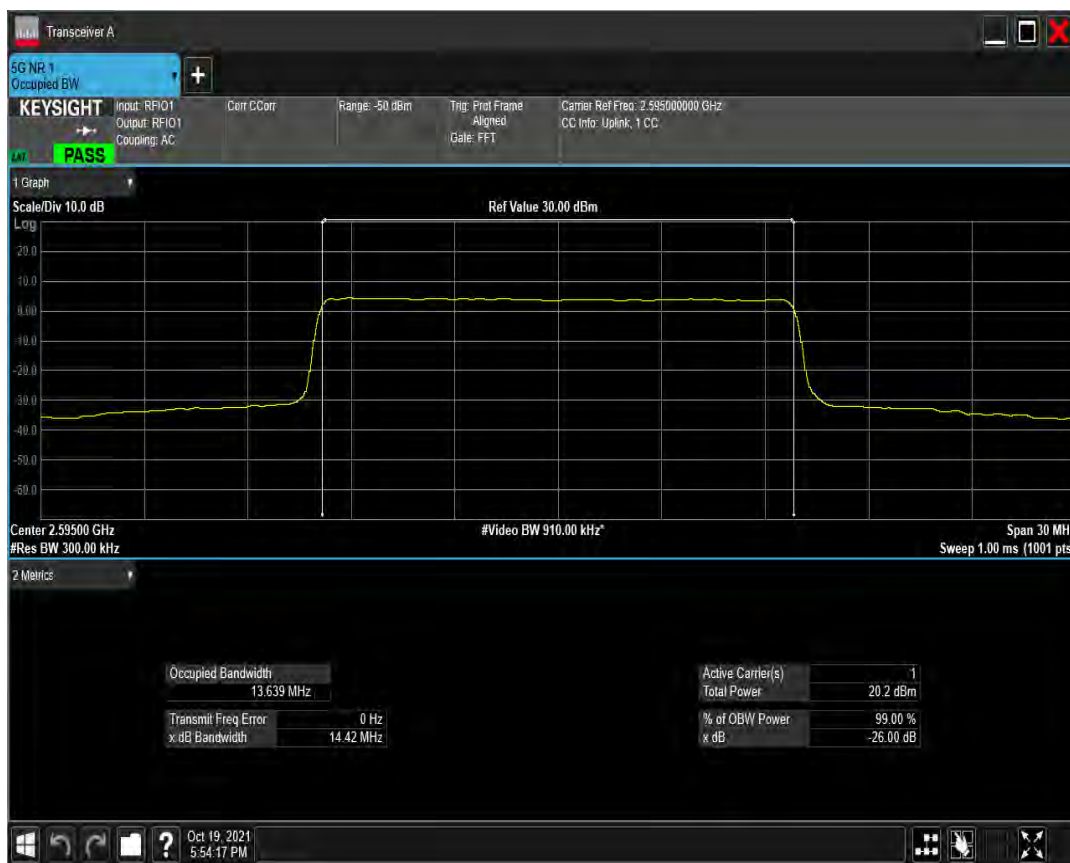
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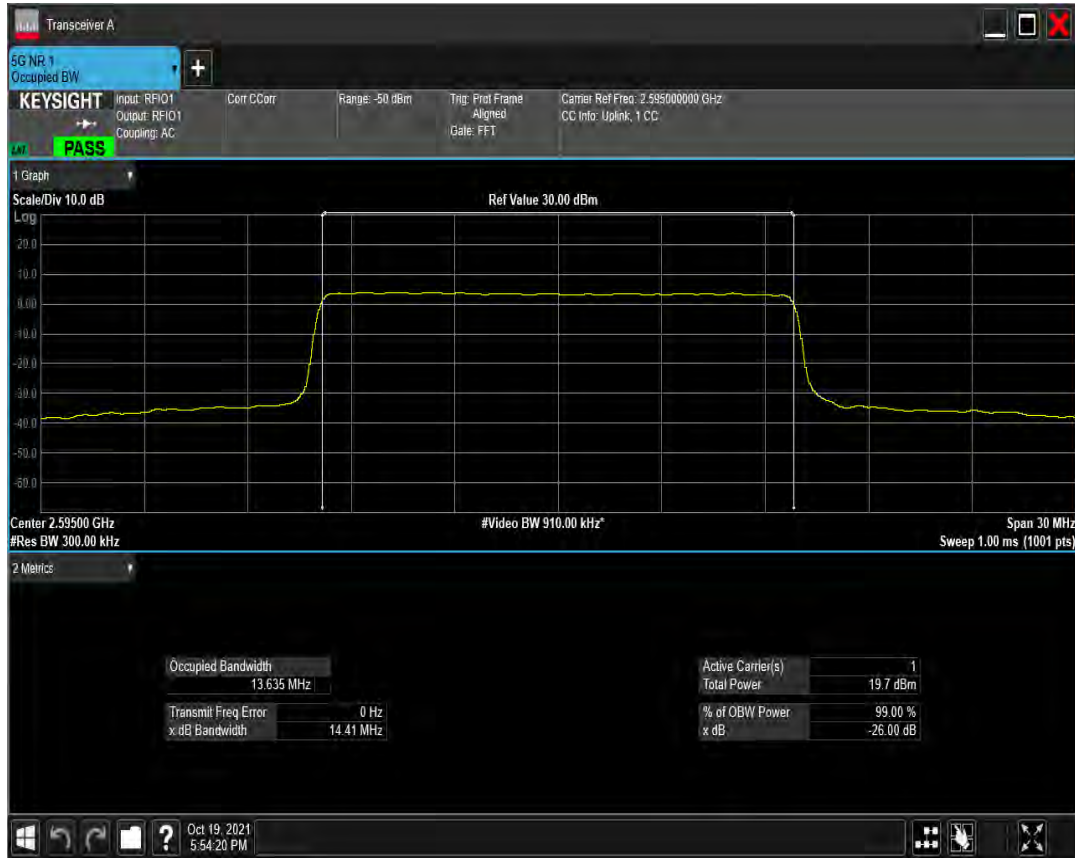
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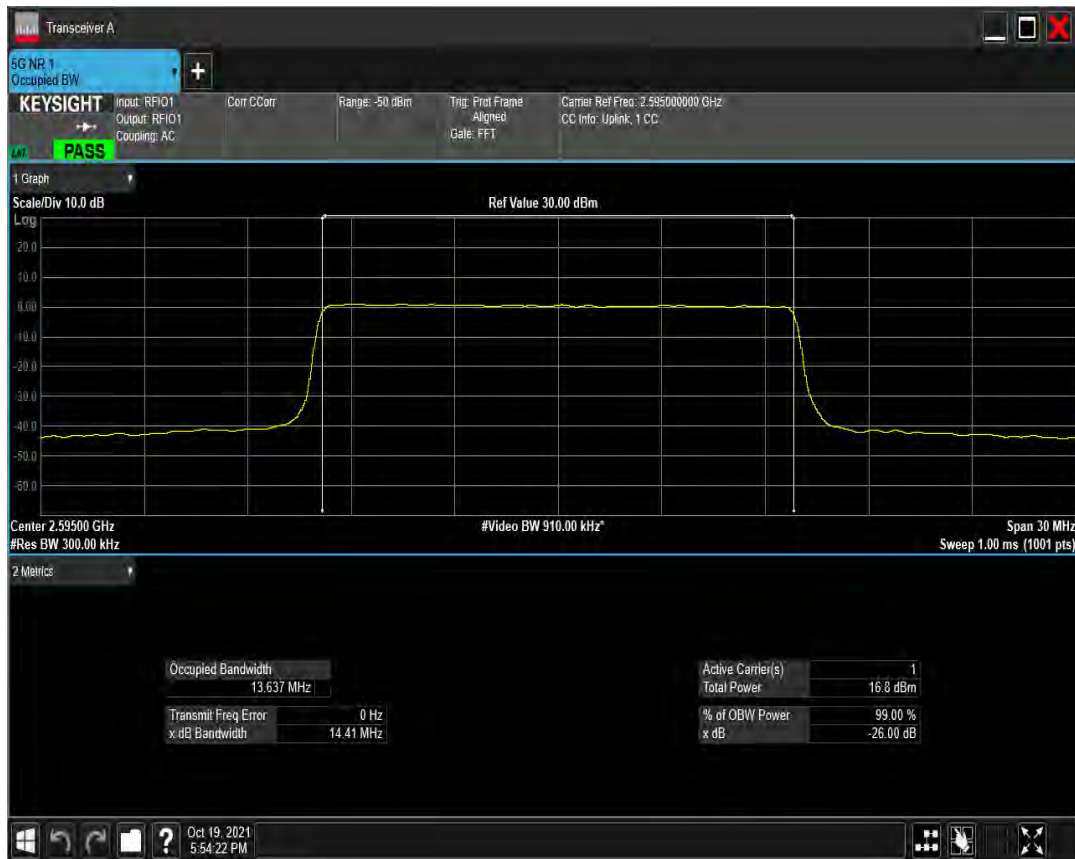
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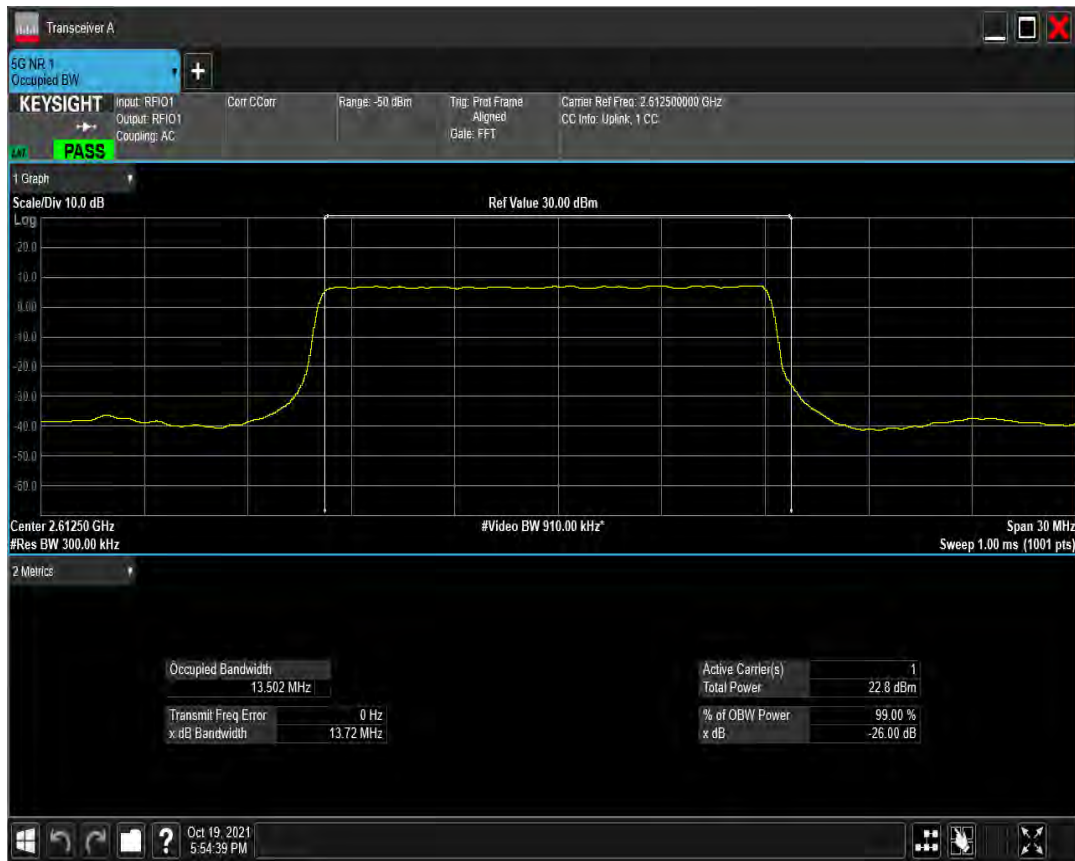
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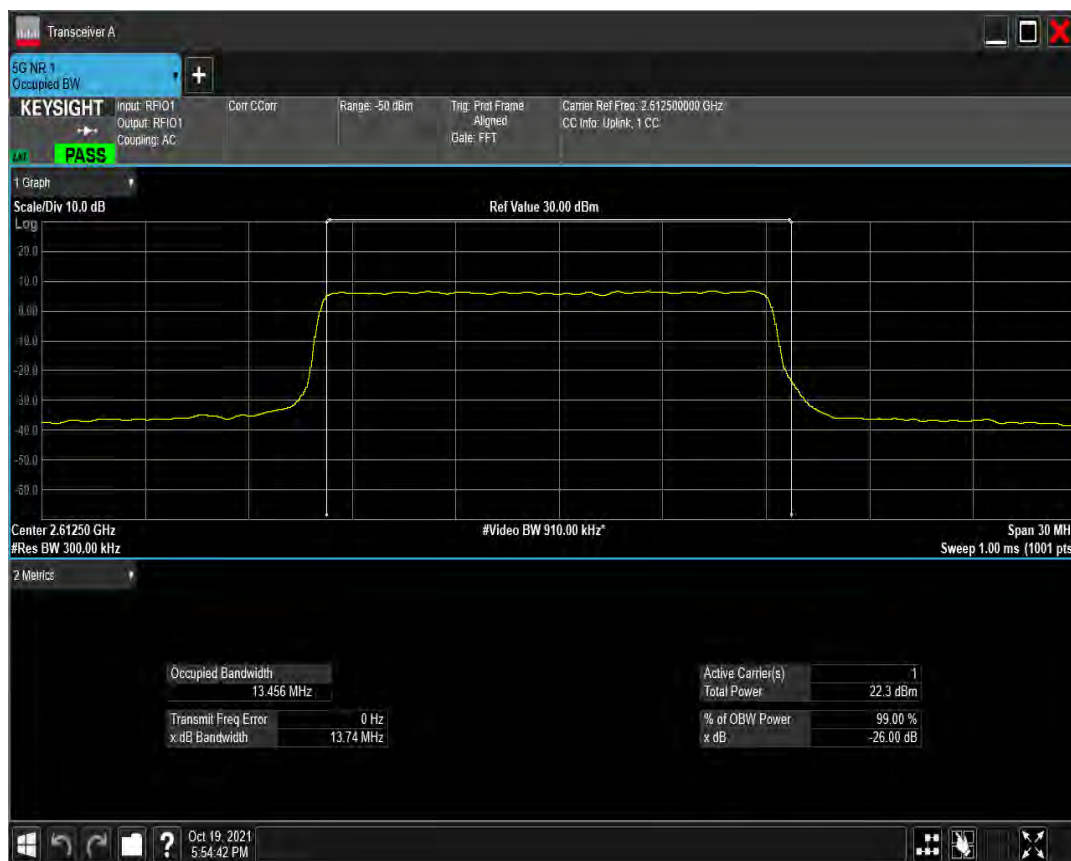
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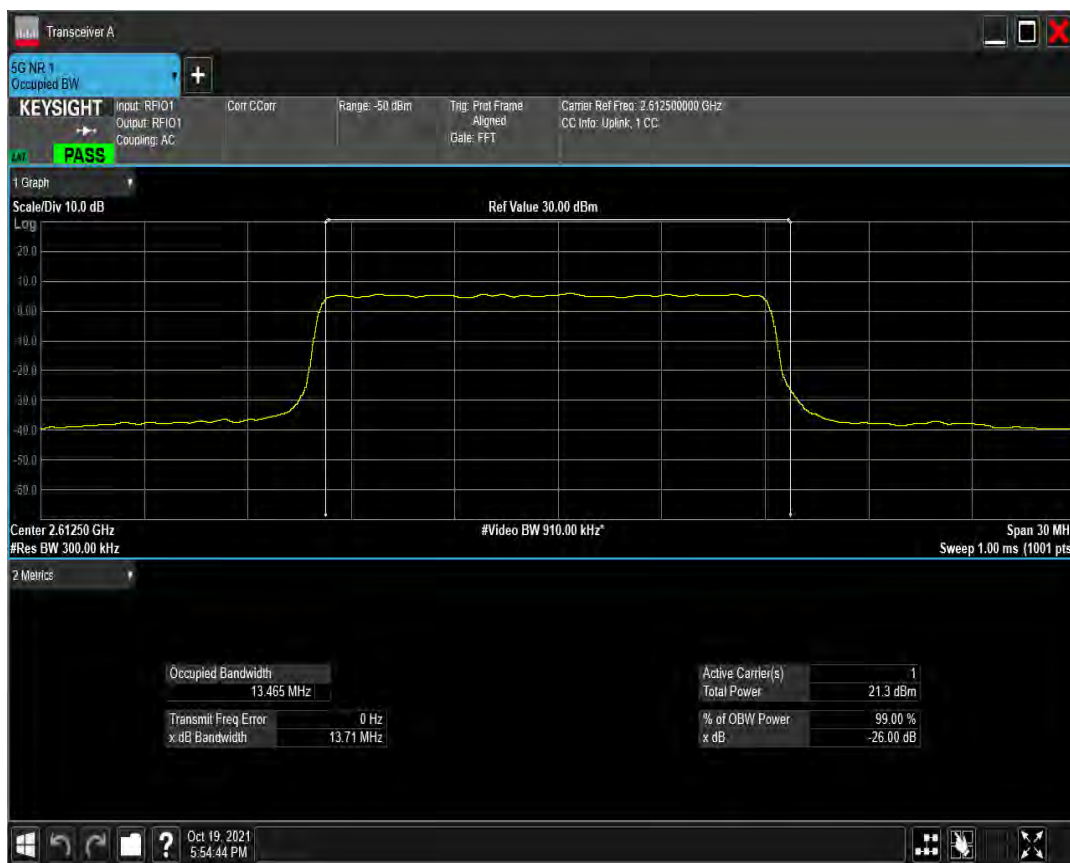
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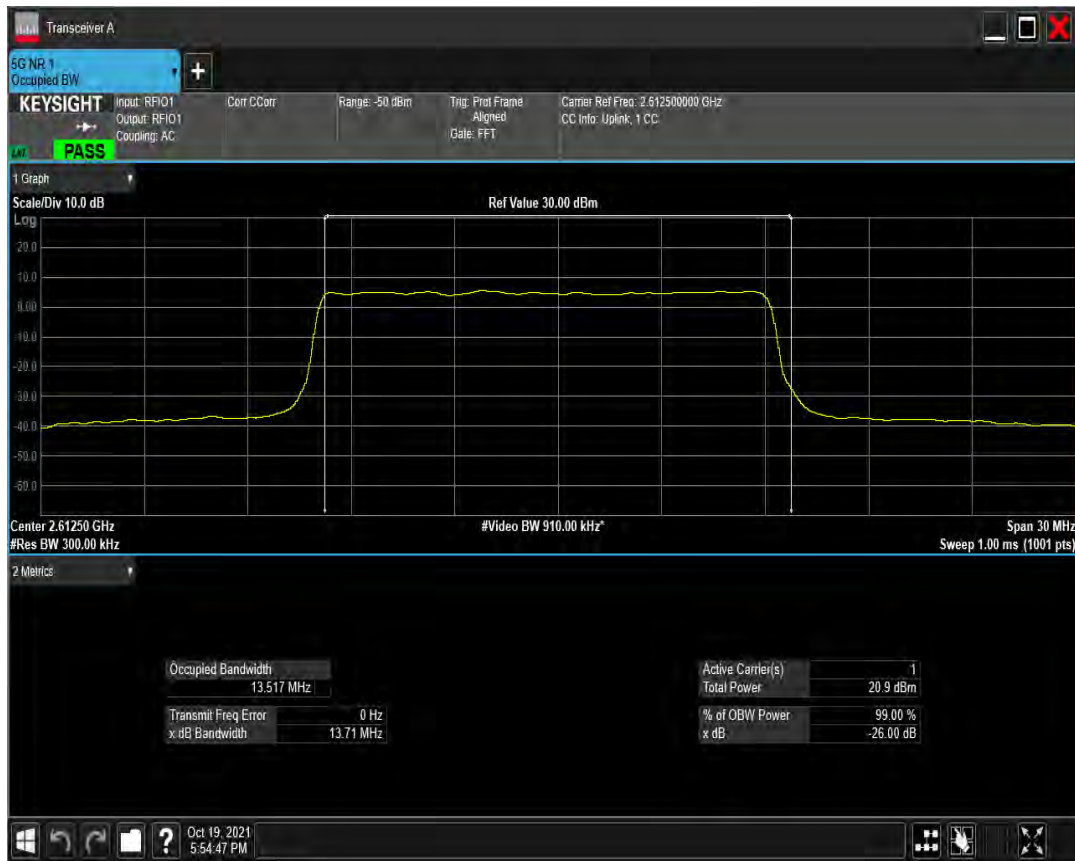
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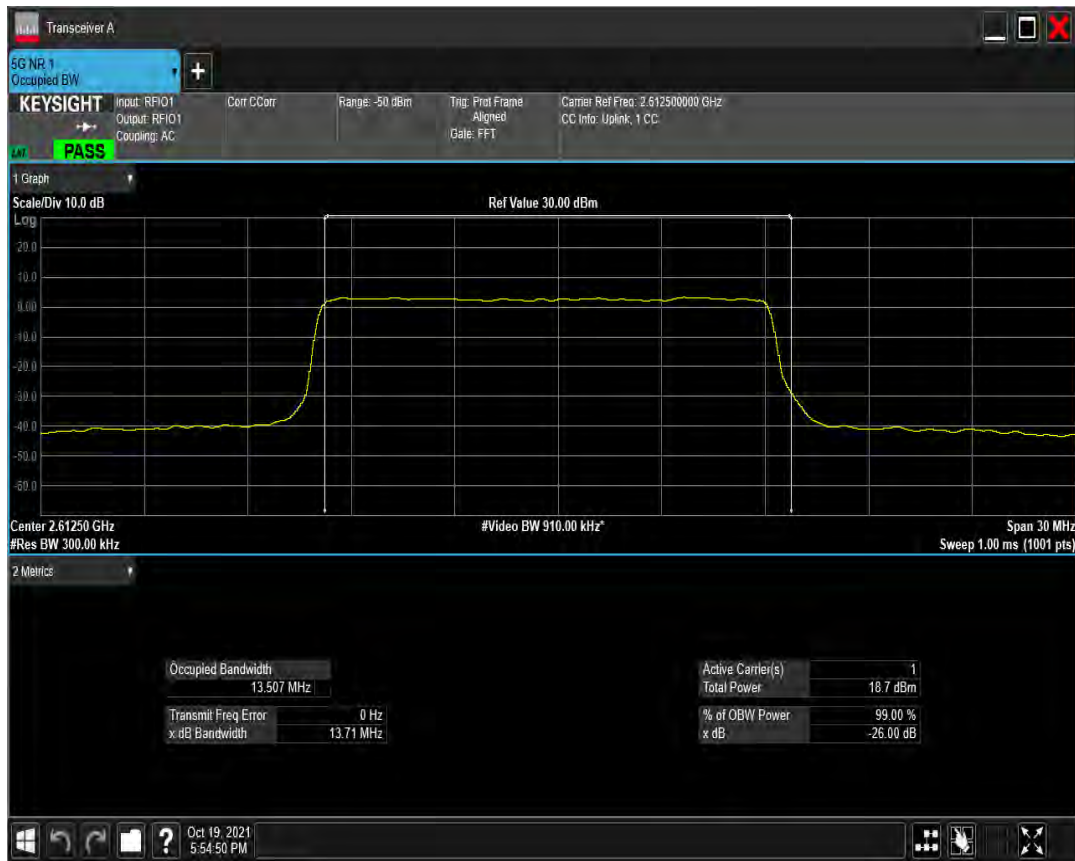
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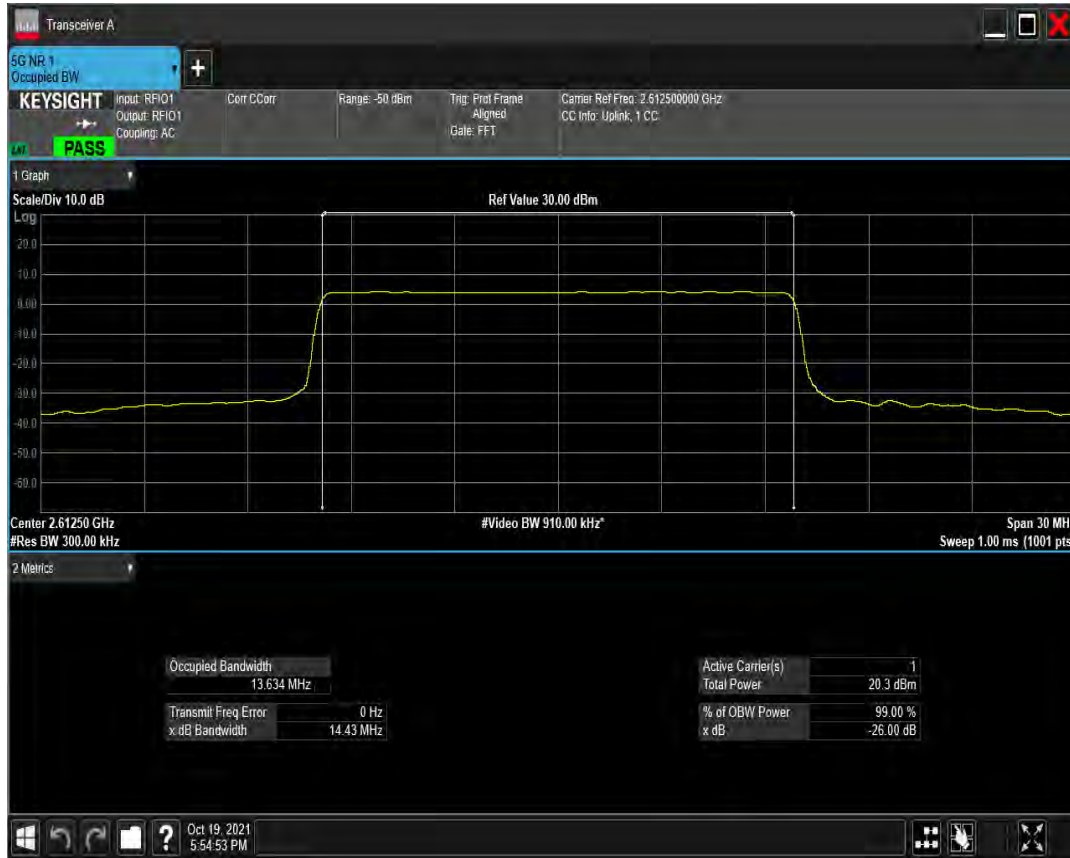
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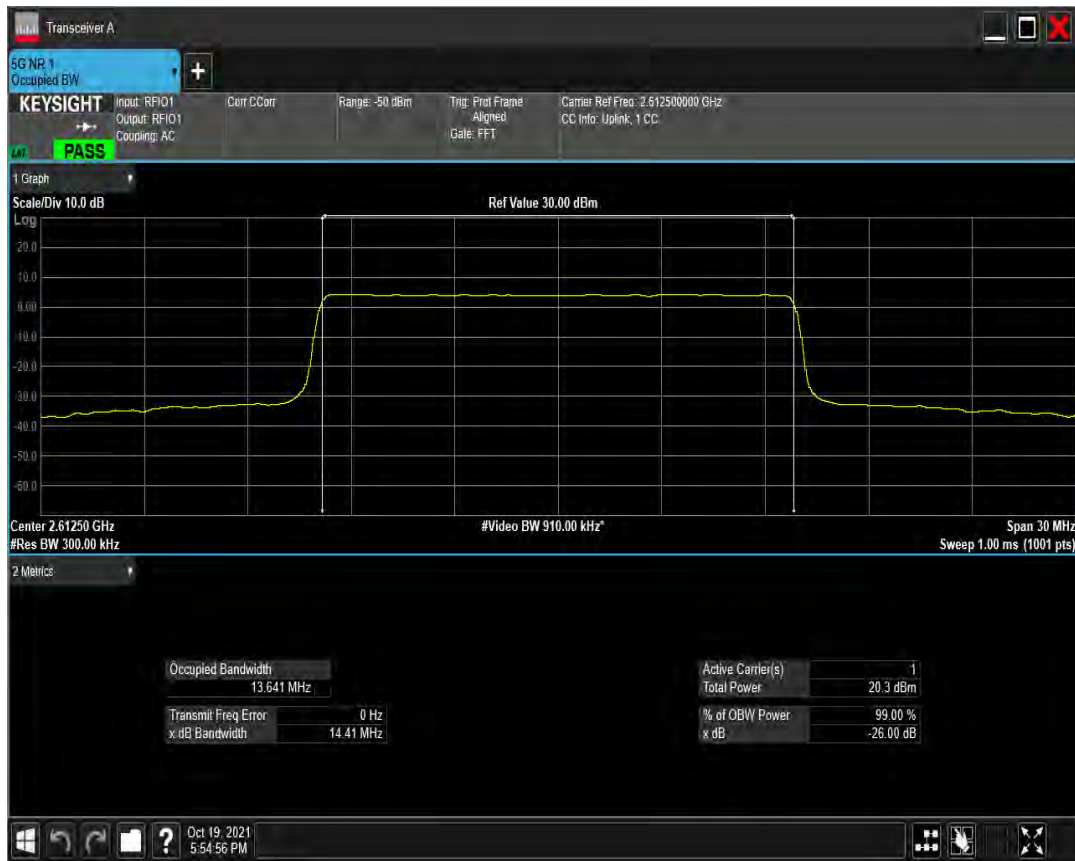
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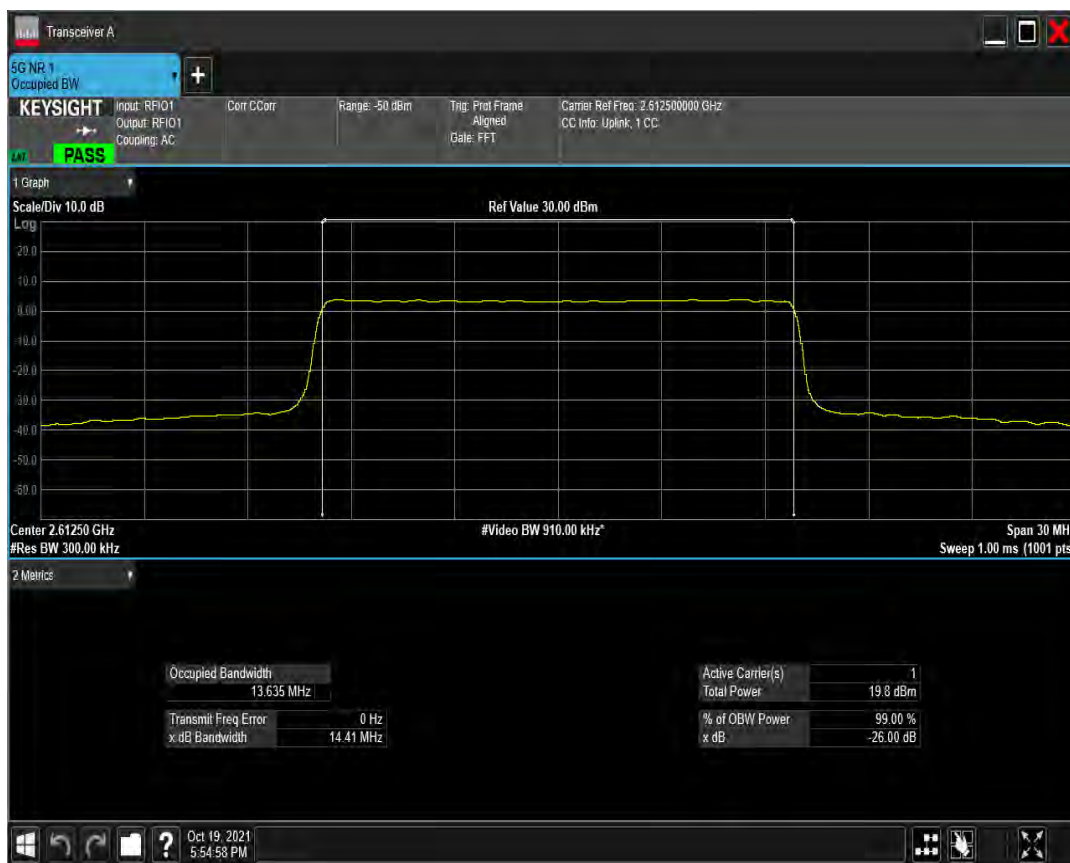
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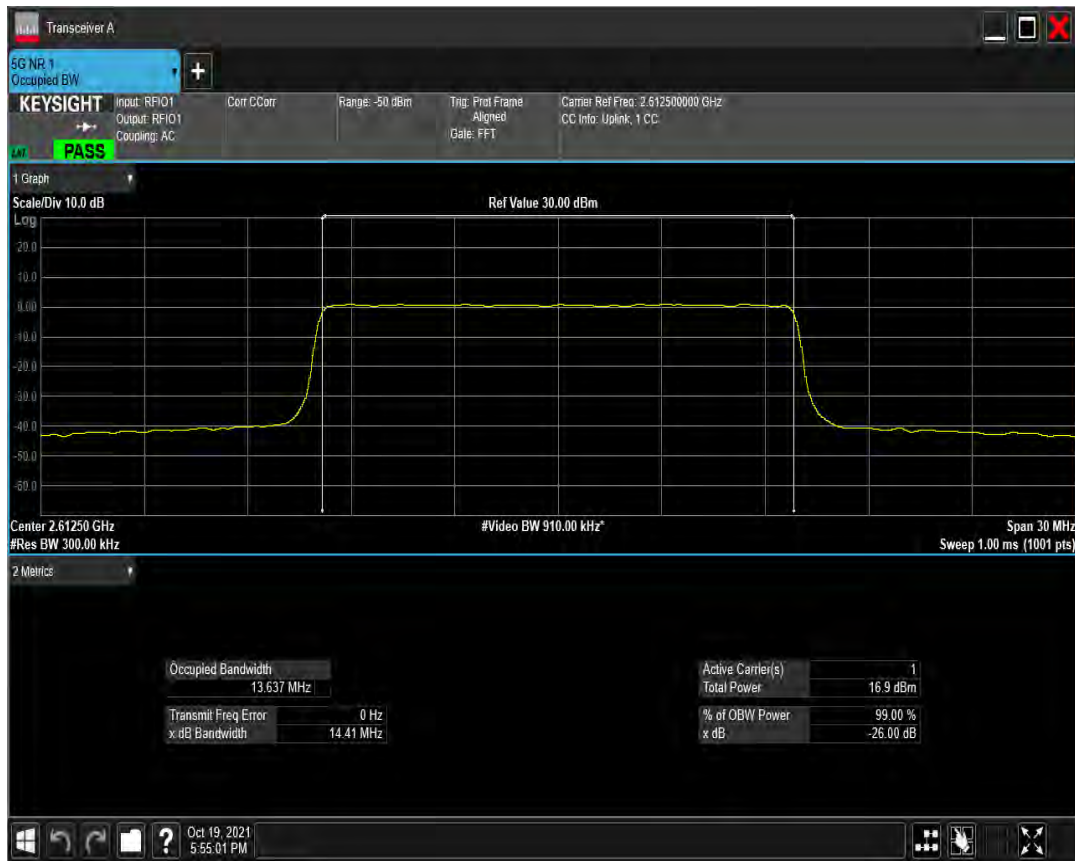
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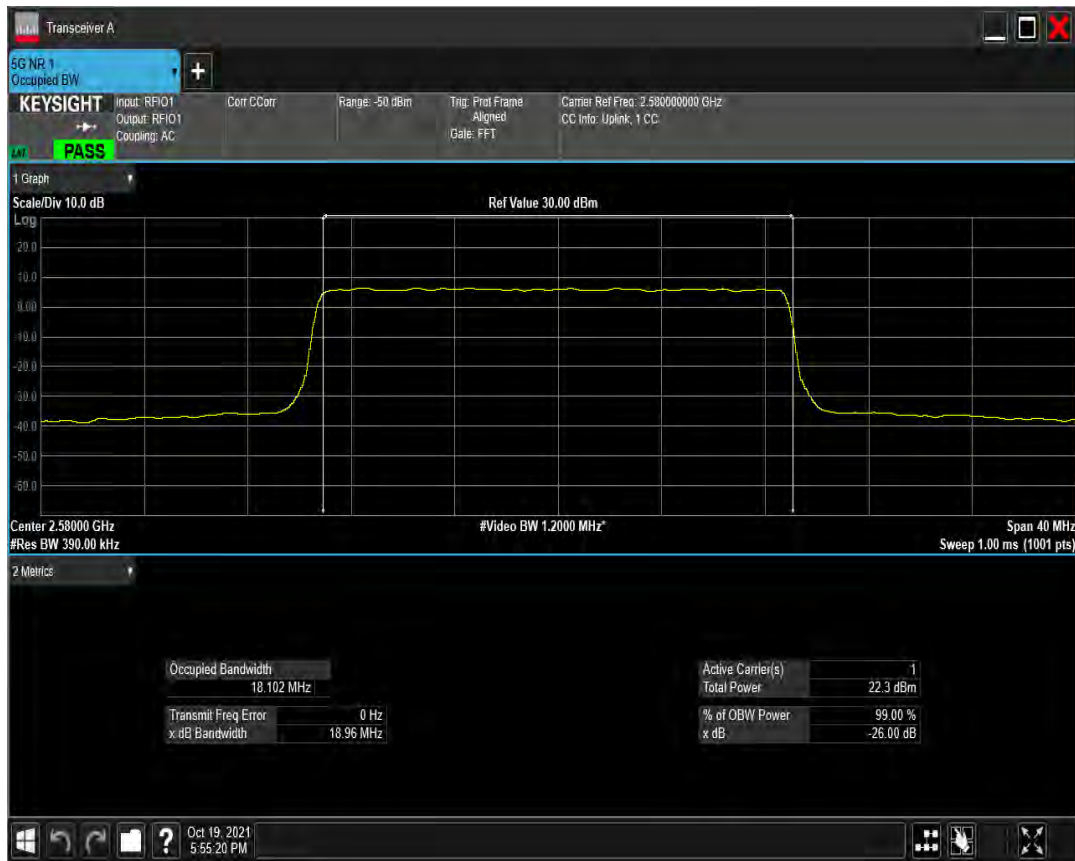
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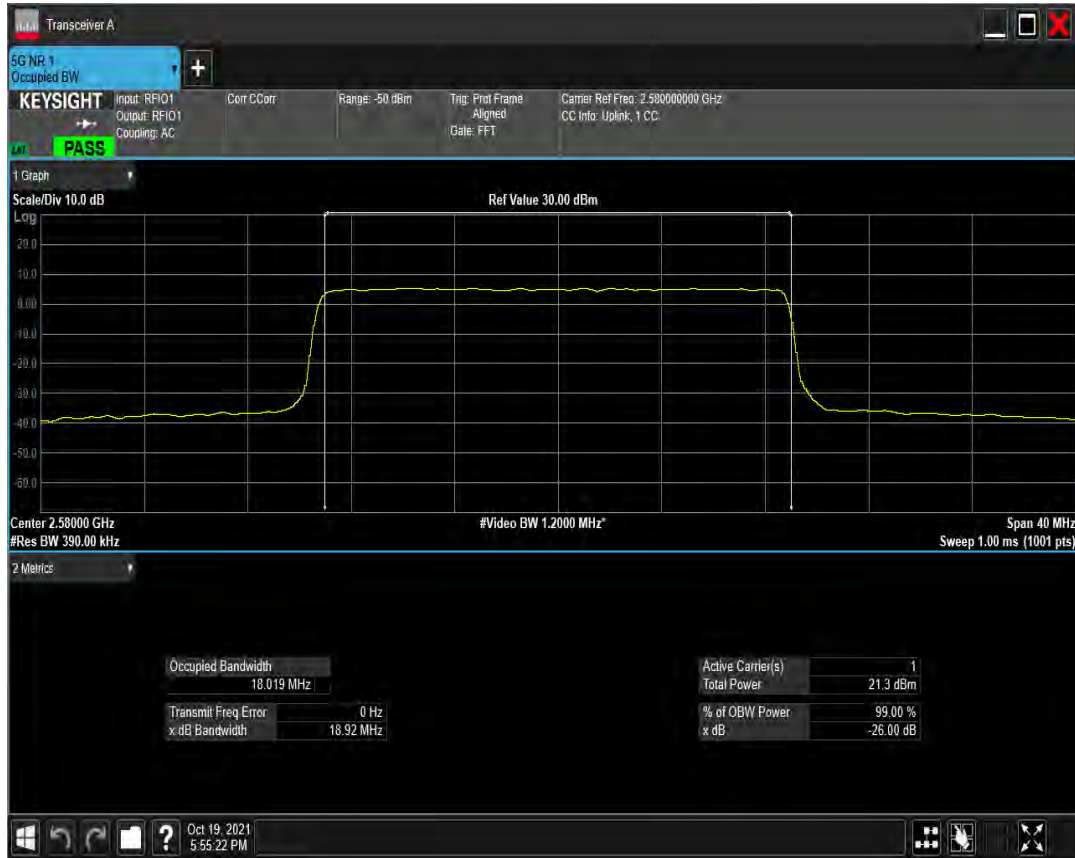
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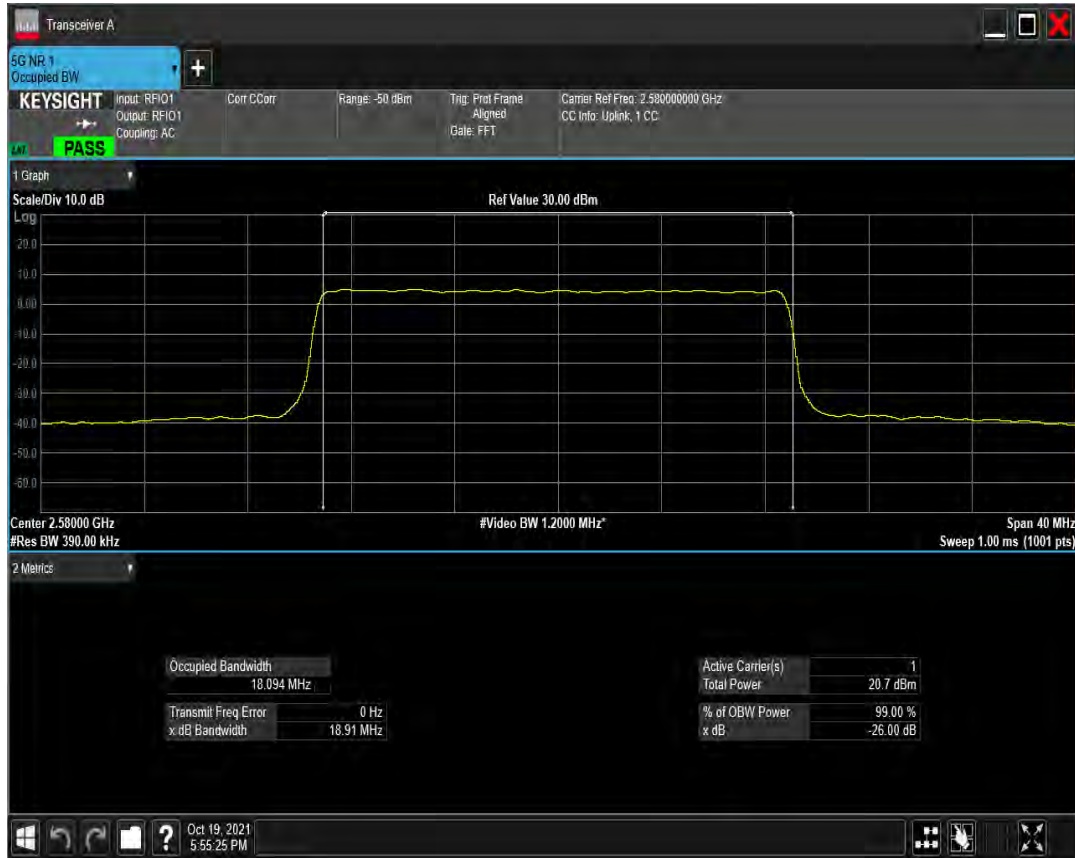
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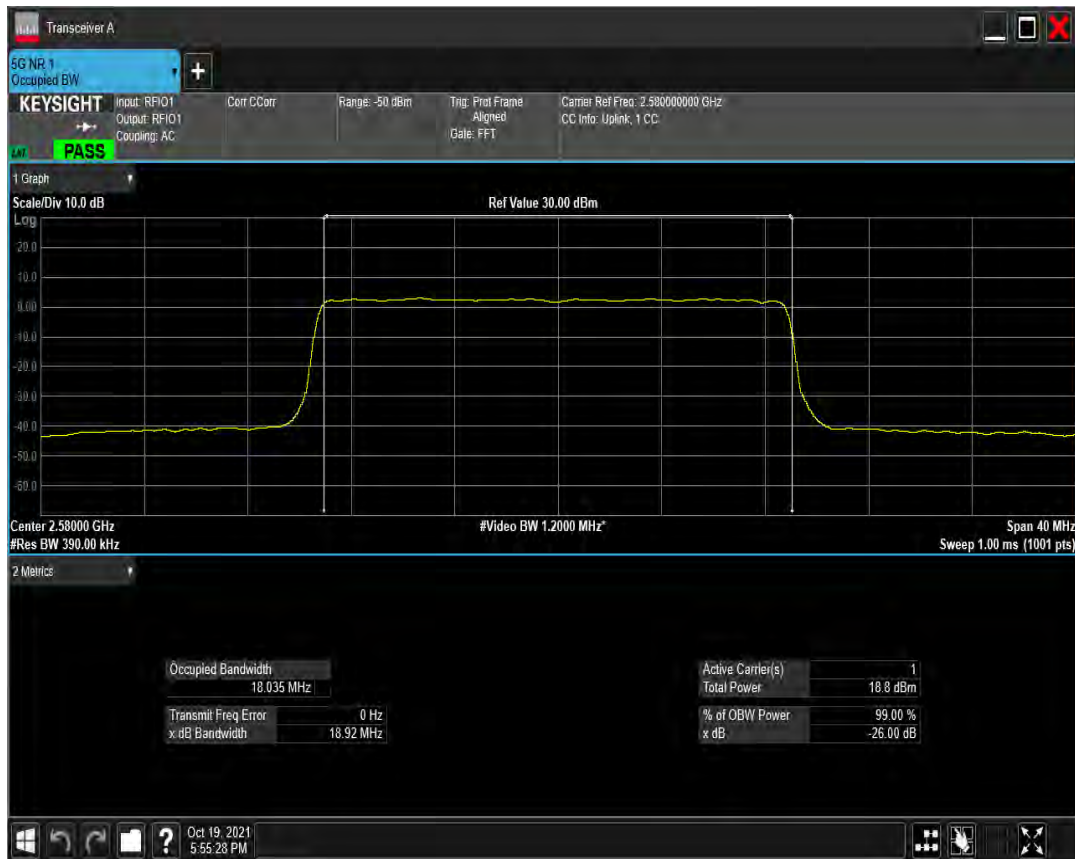
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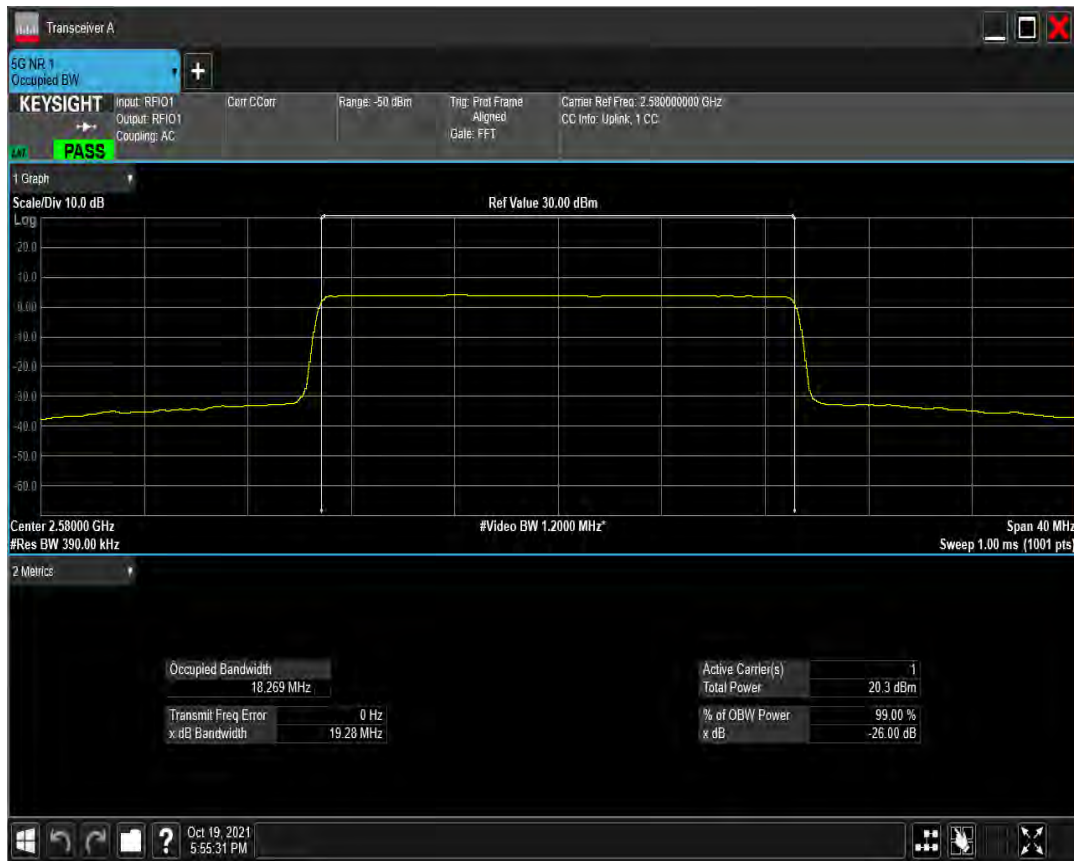
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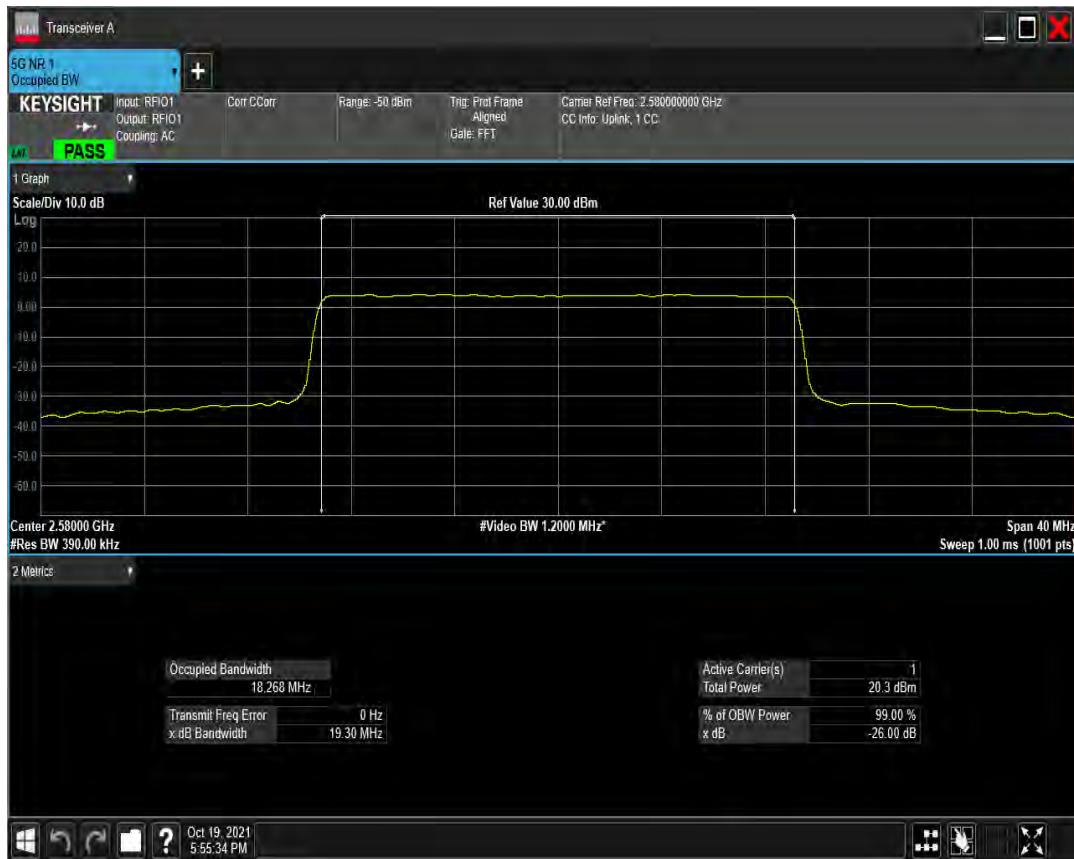
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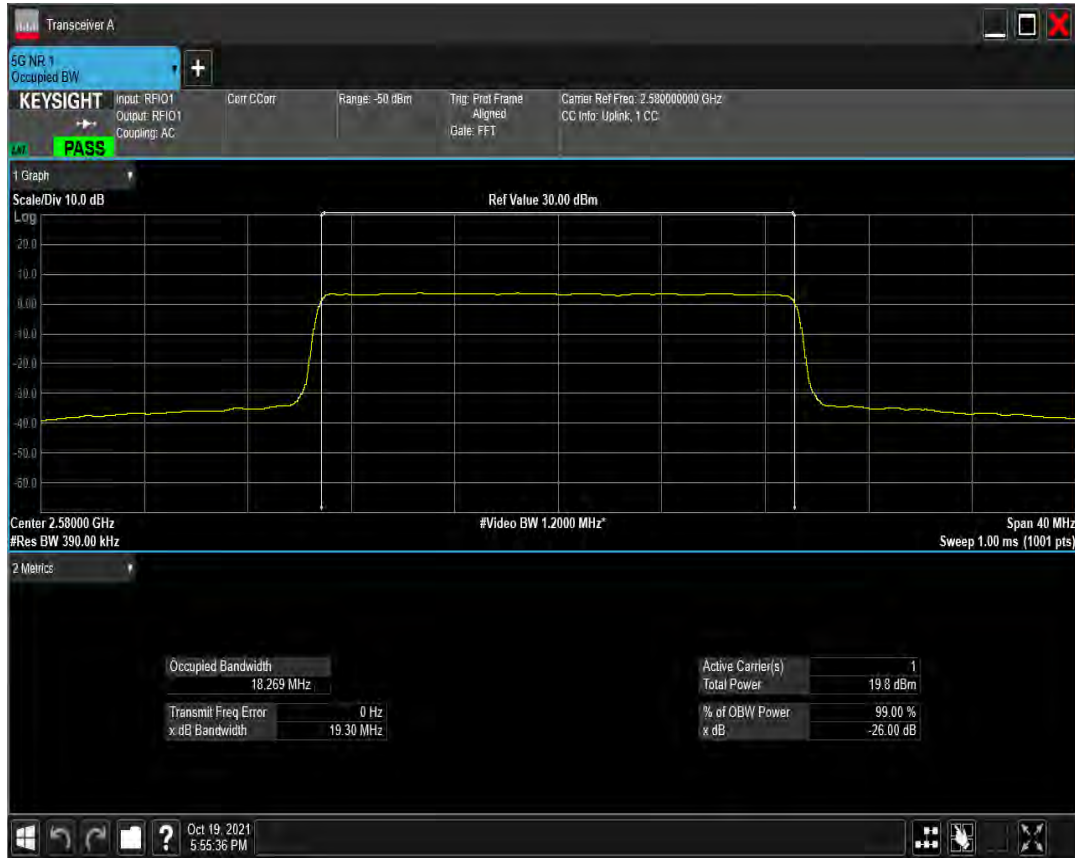
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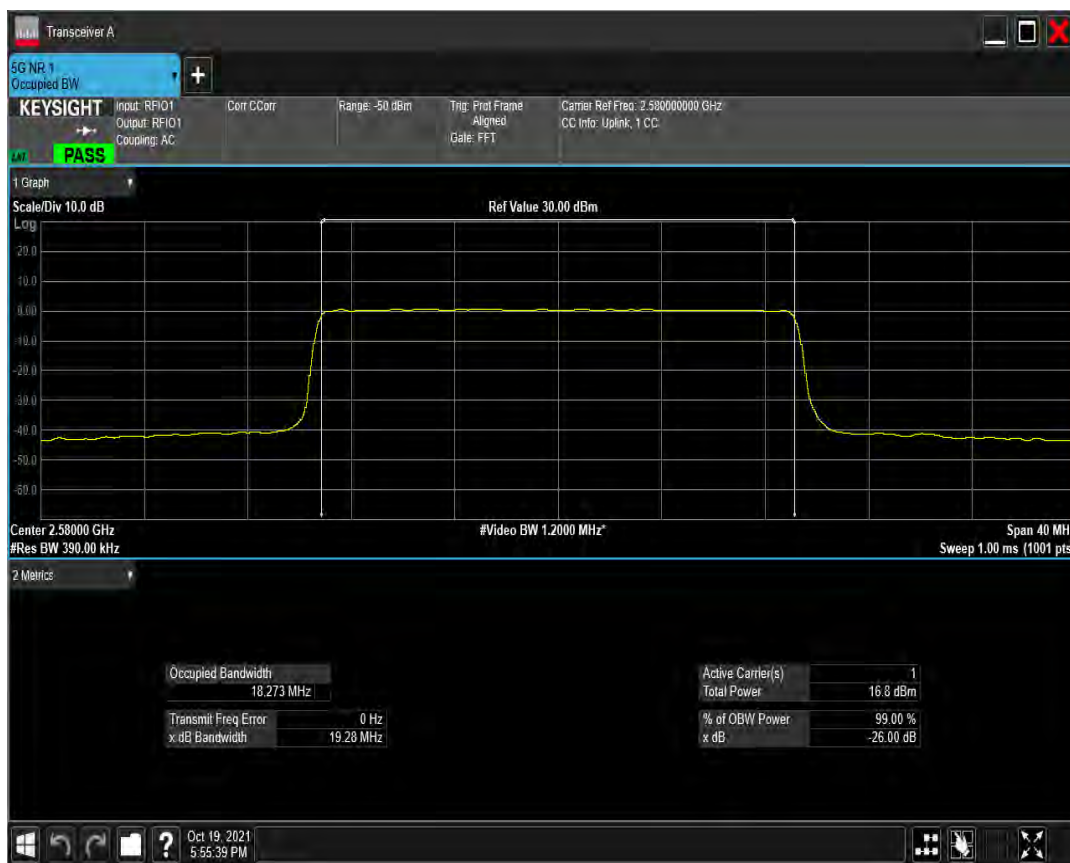
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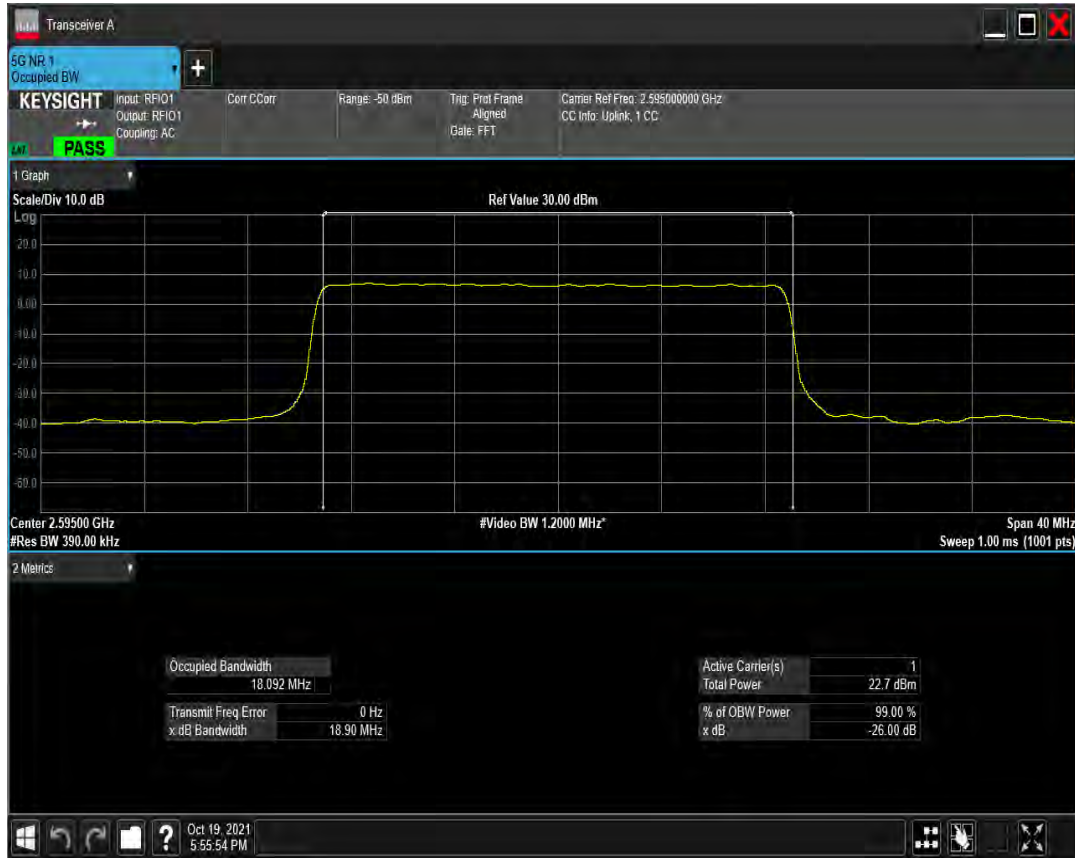
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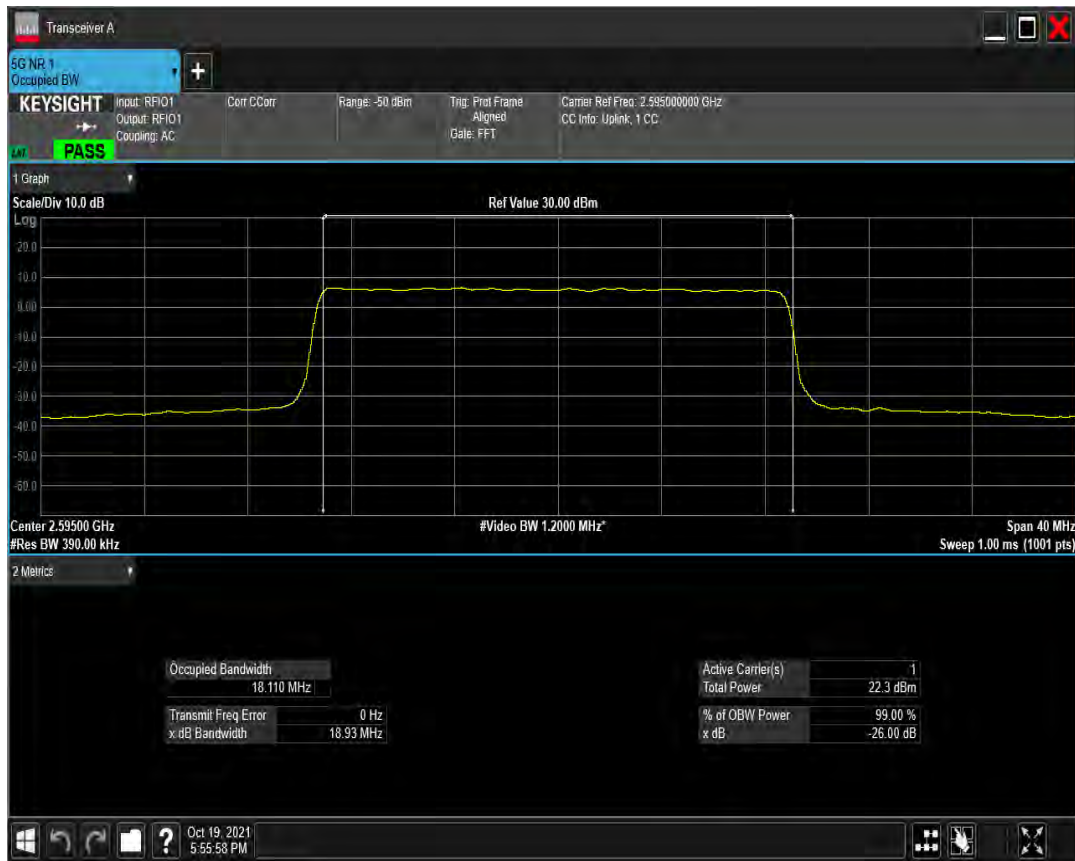
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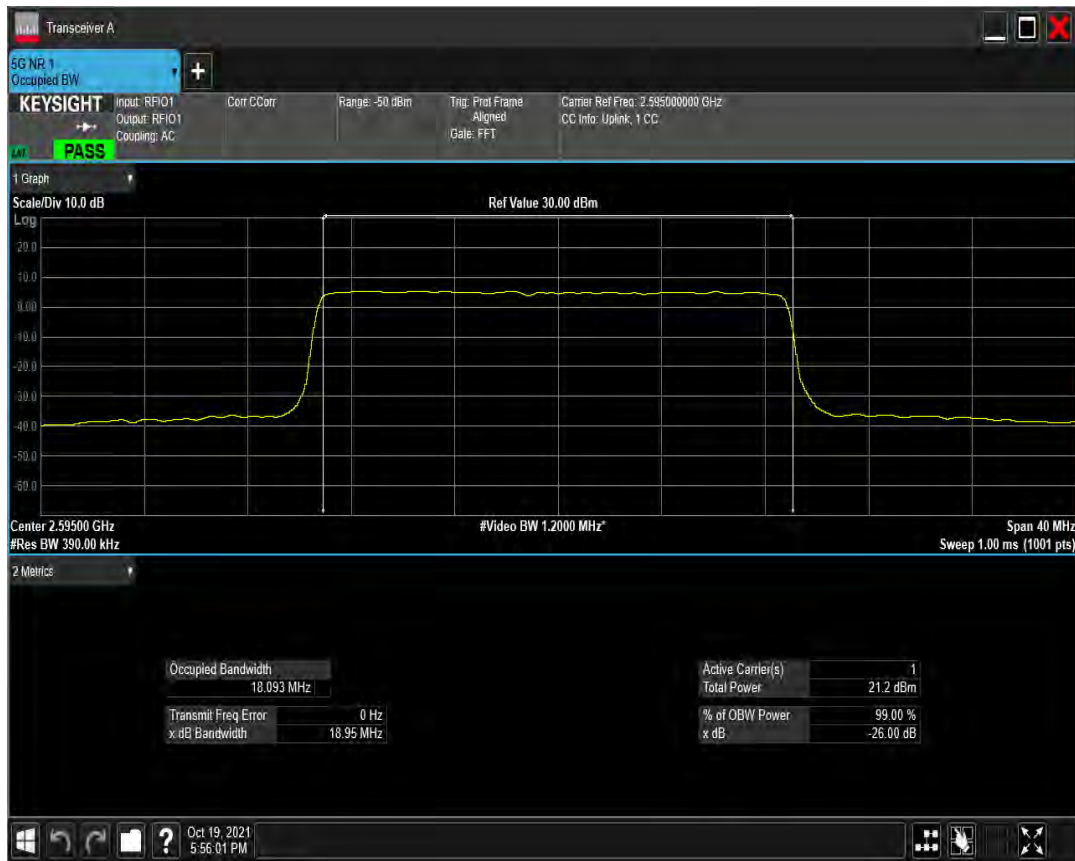
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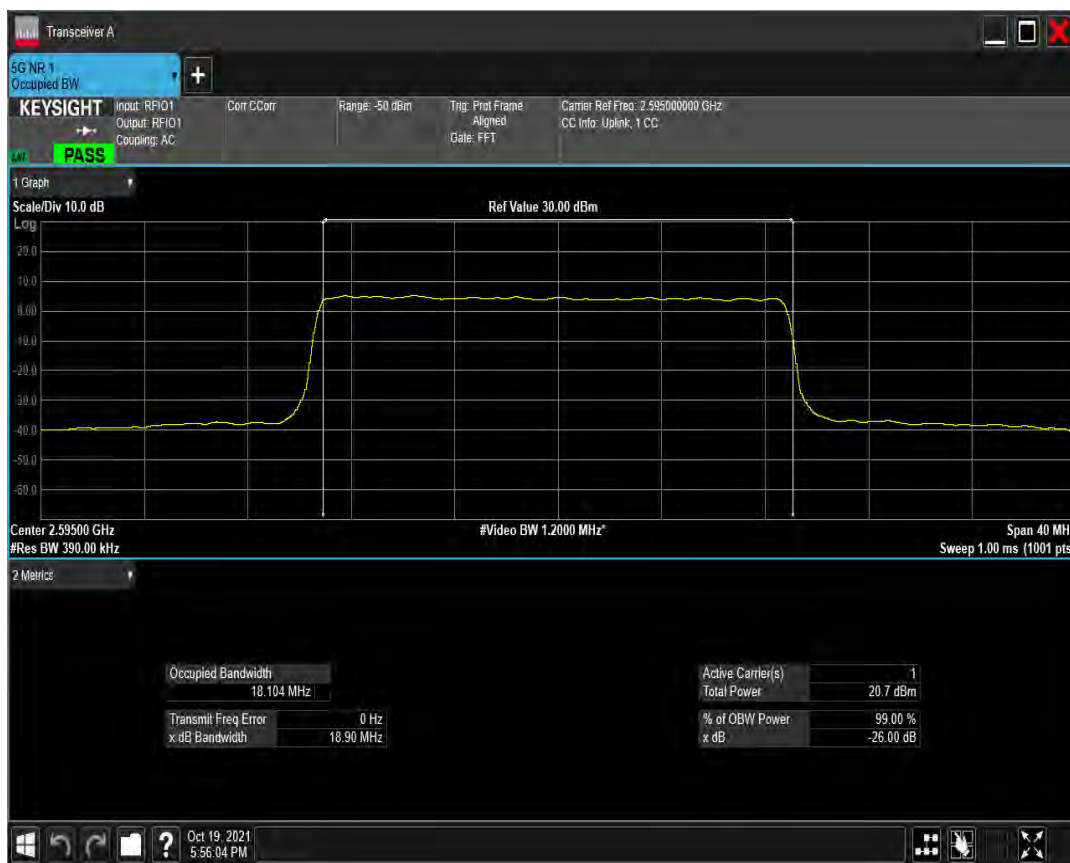
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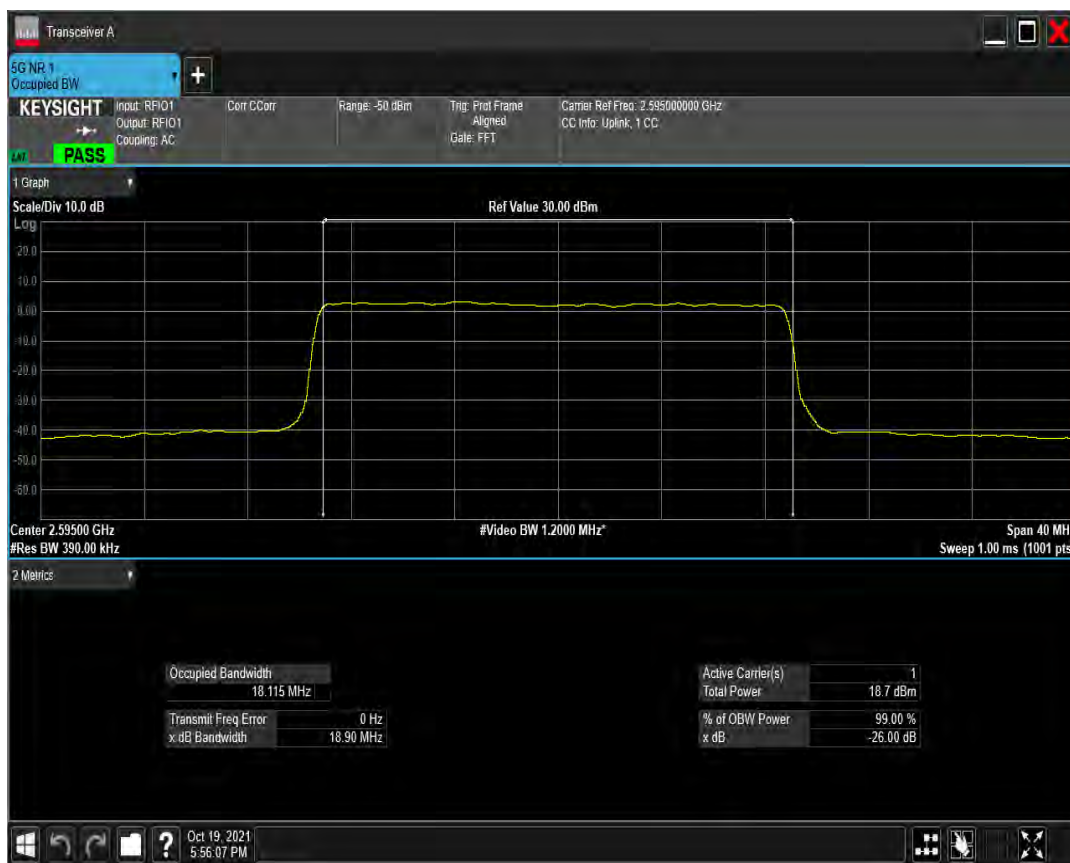
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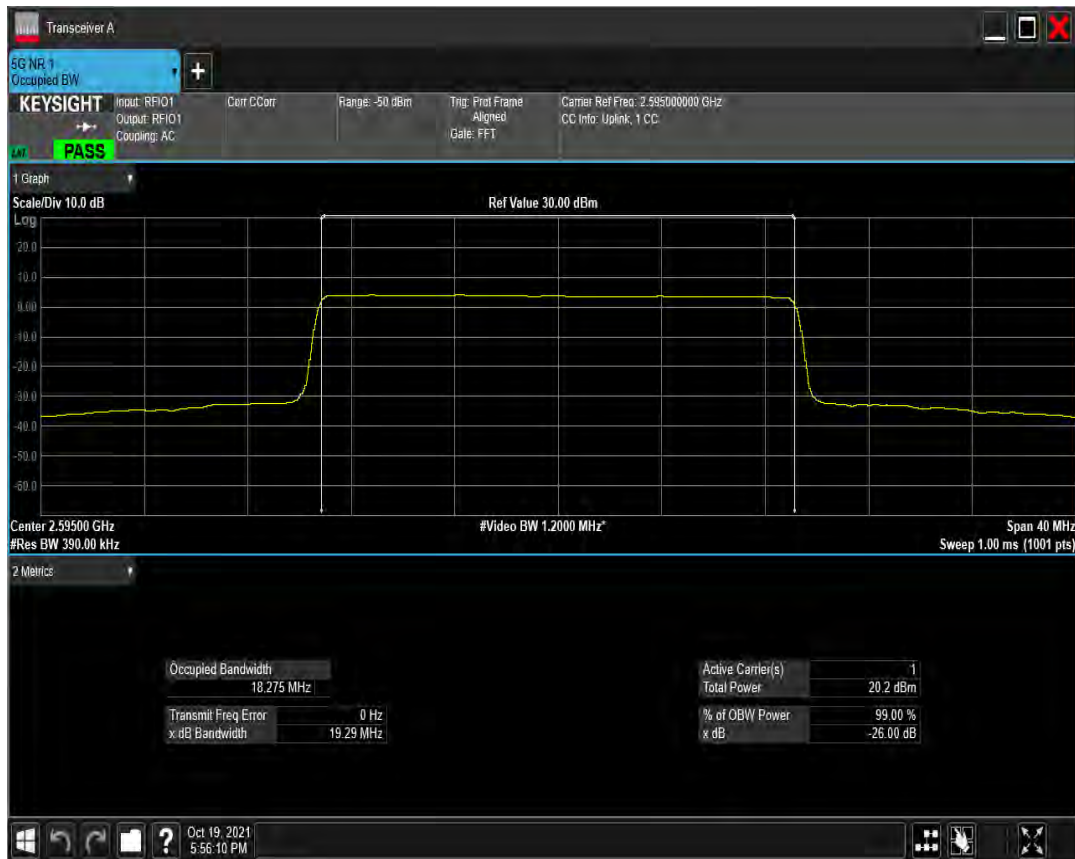
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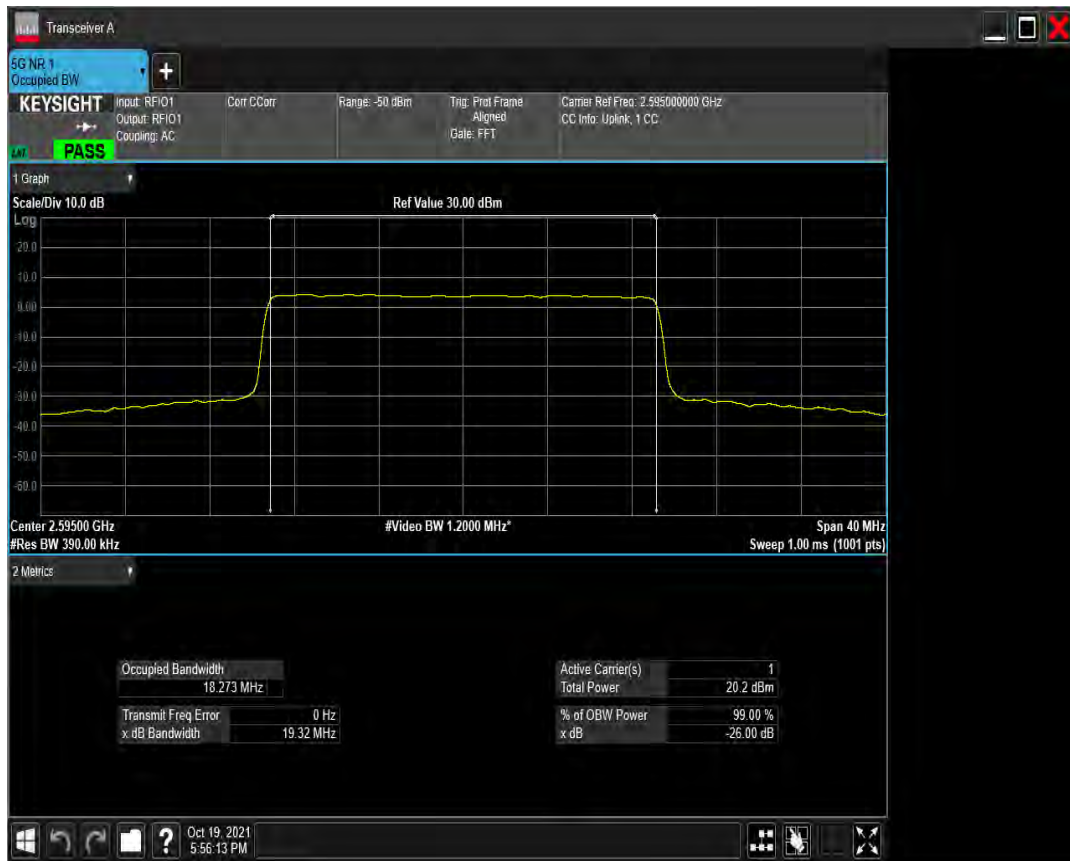
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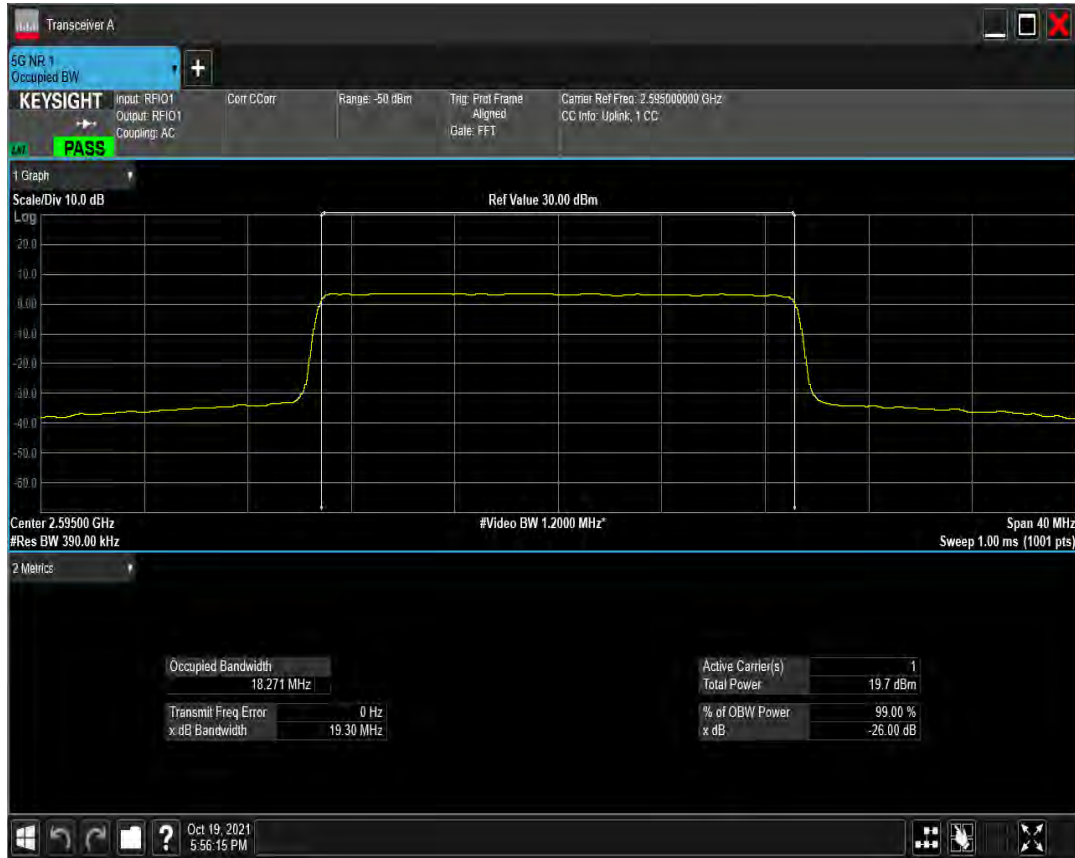
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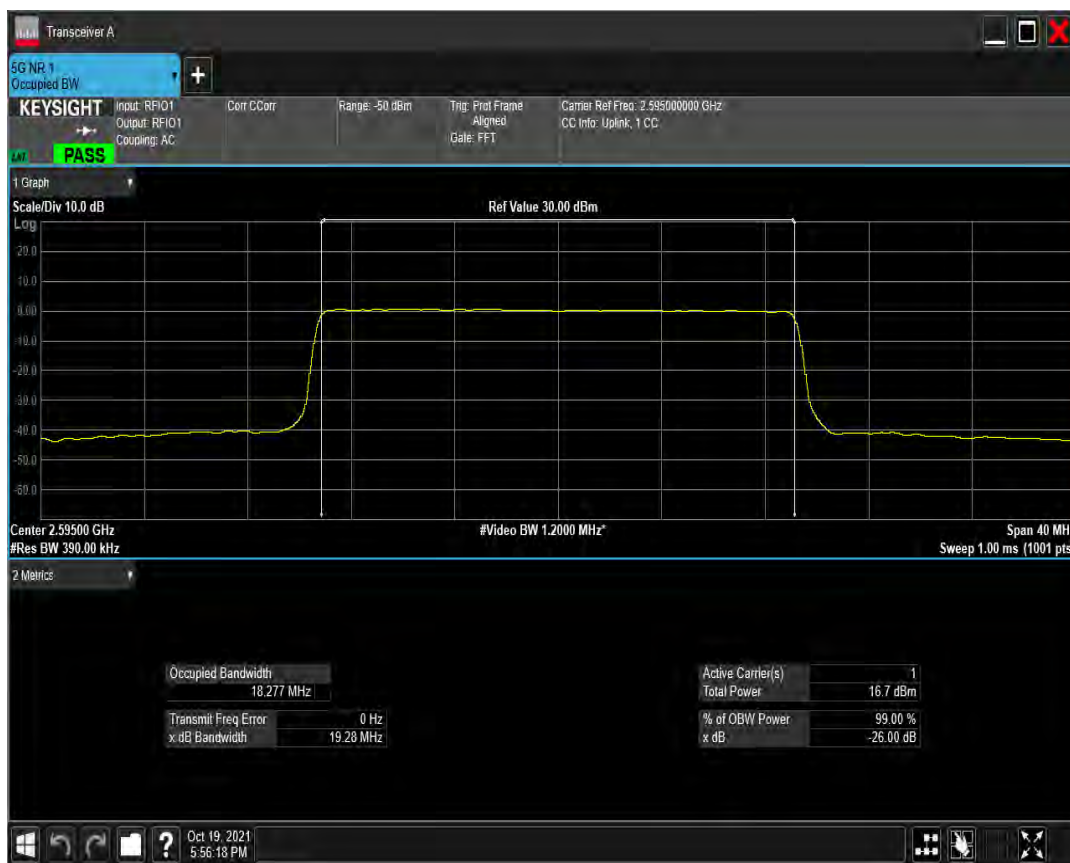
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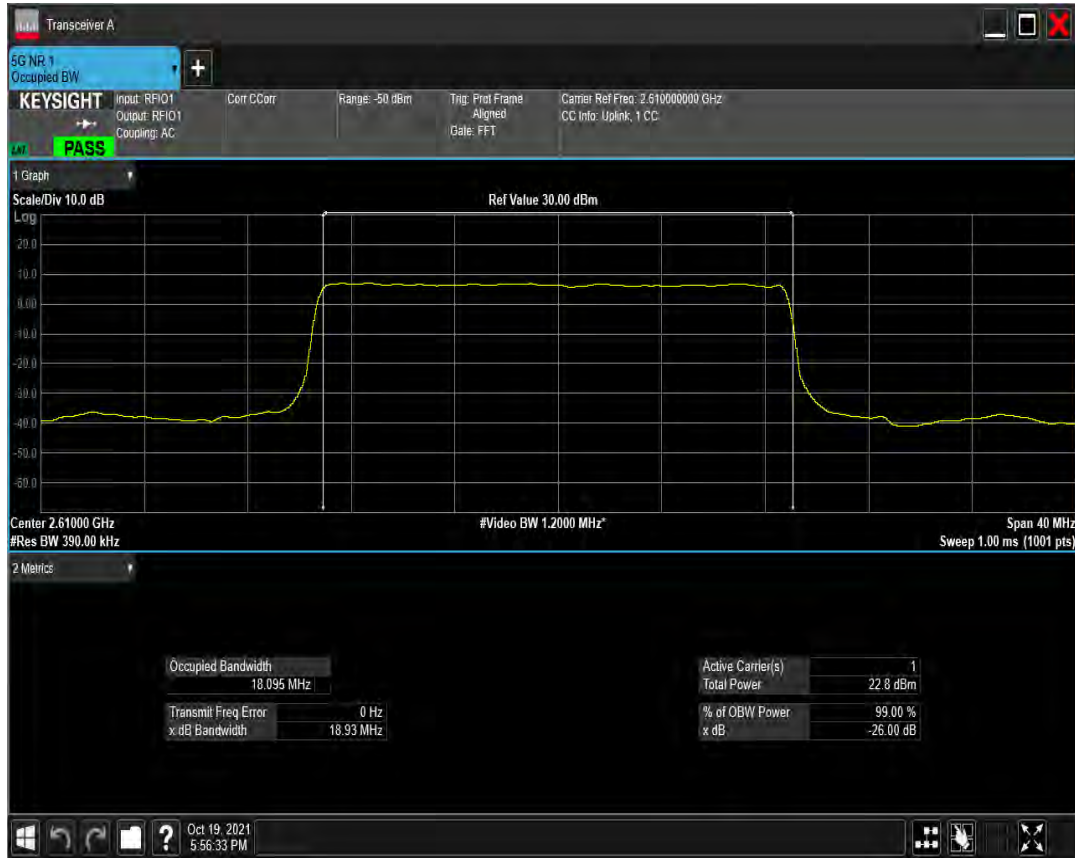
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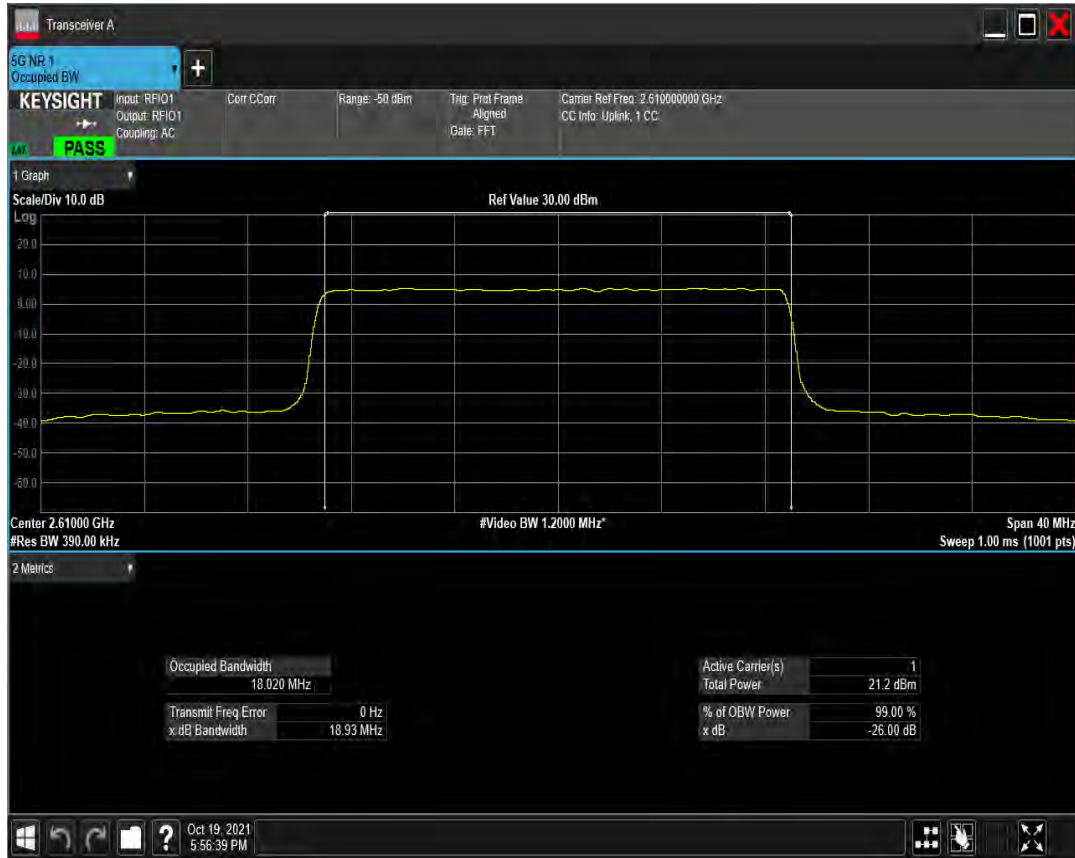
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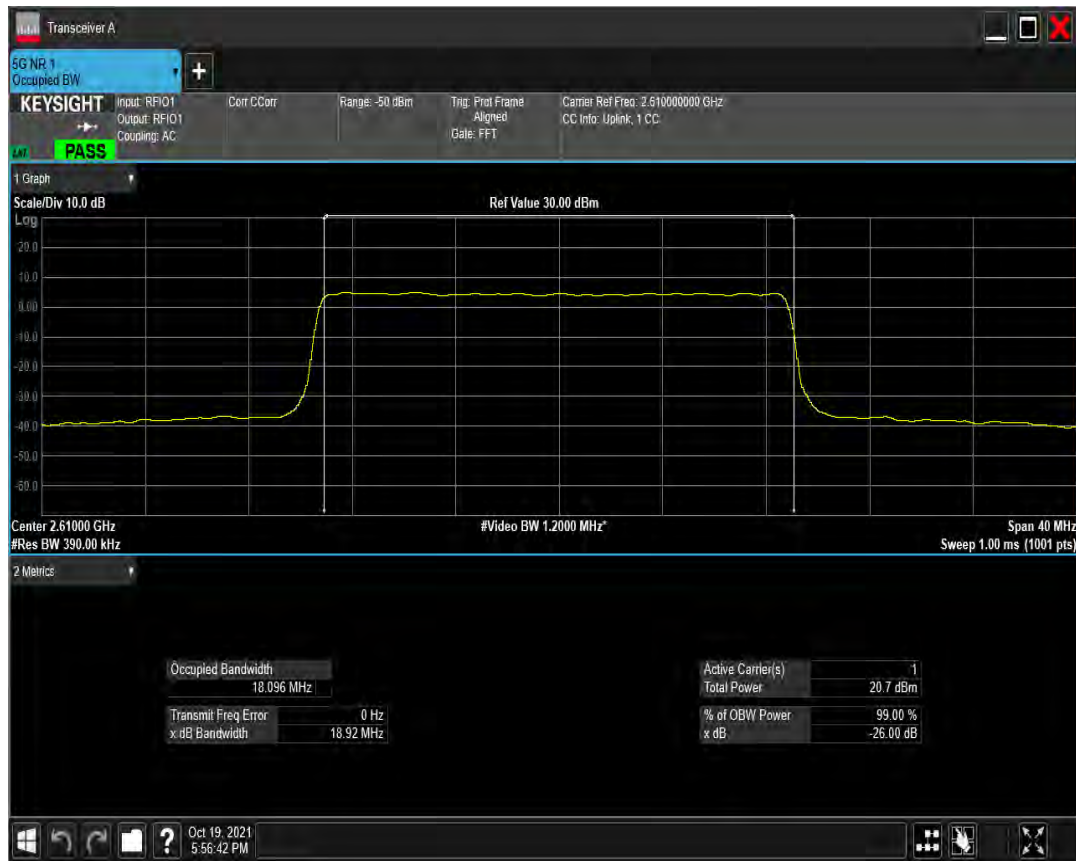
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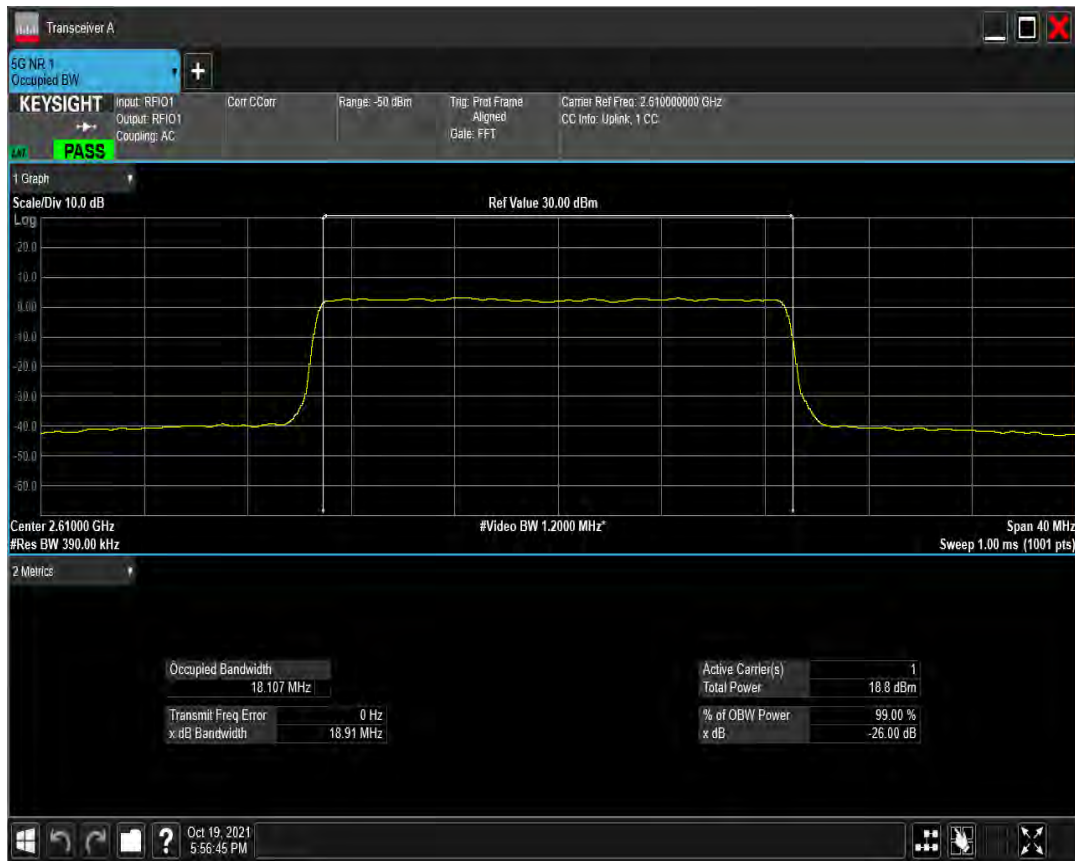
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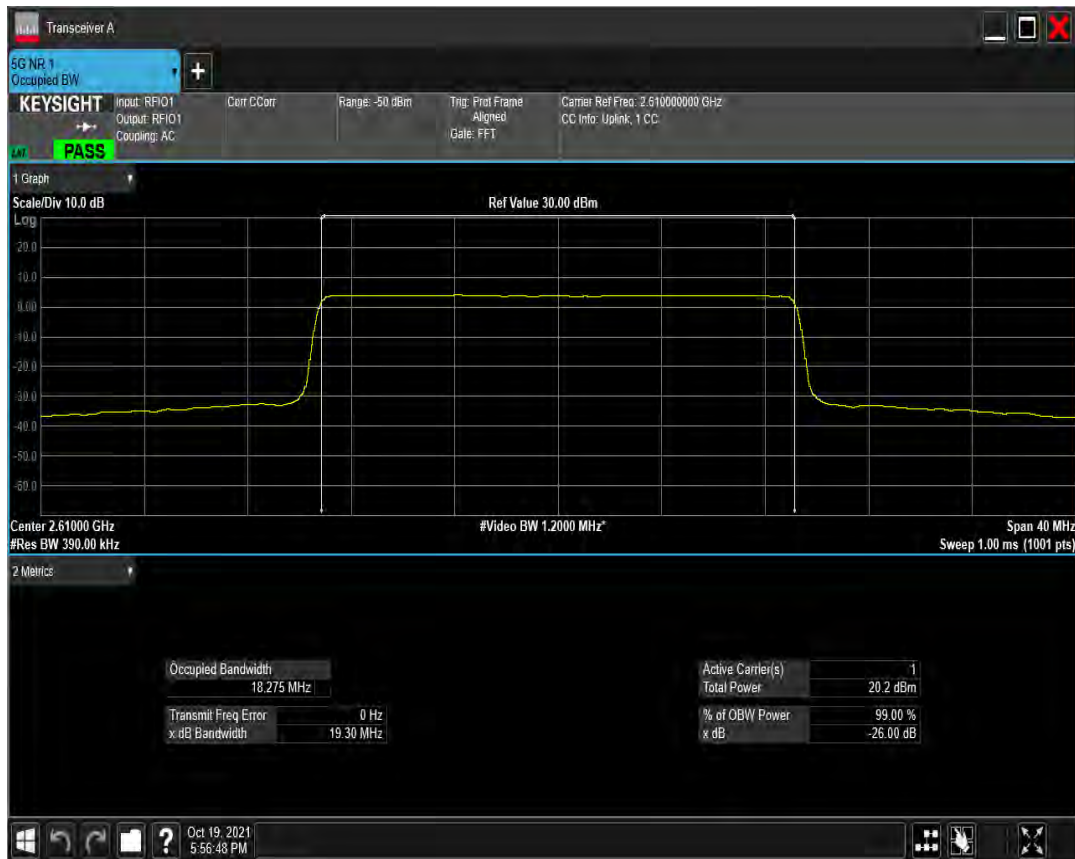
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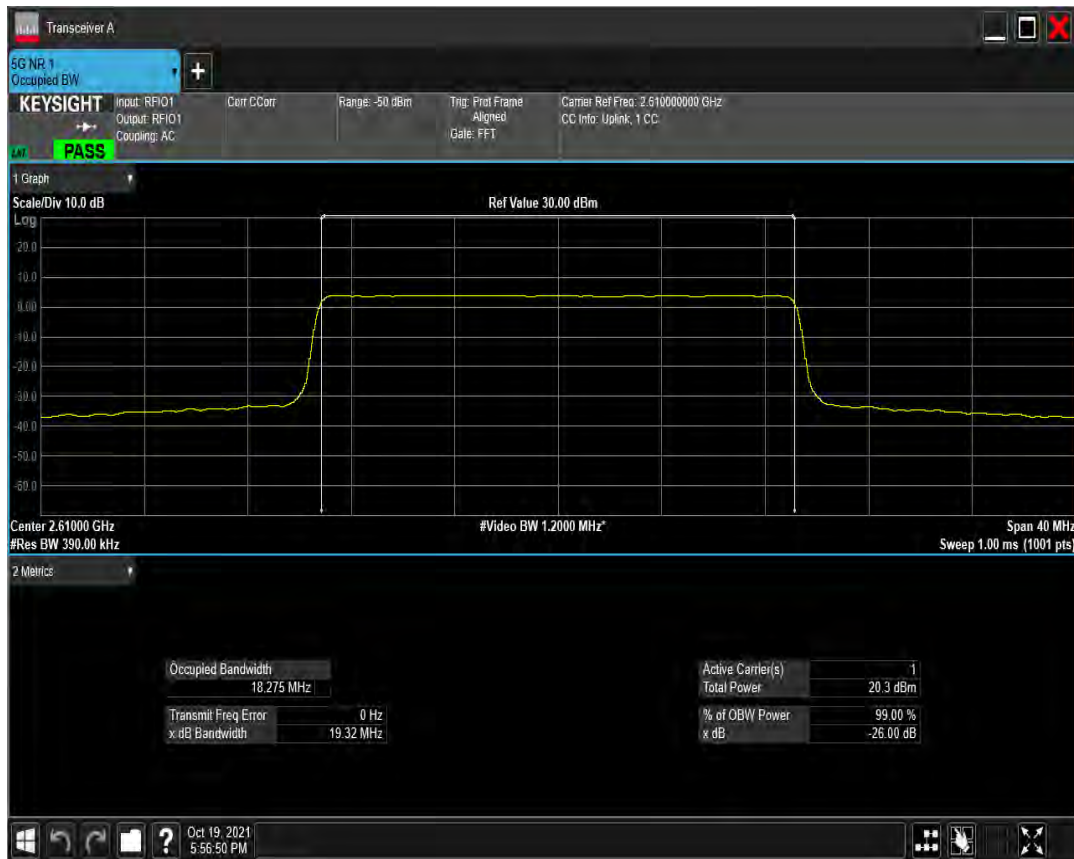
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n38 SCS=30kHz CP\_QPSK BW=20MHz Channel=522000 RB=51@0



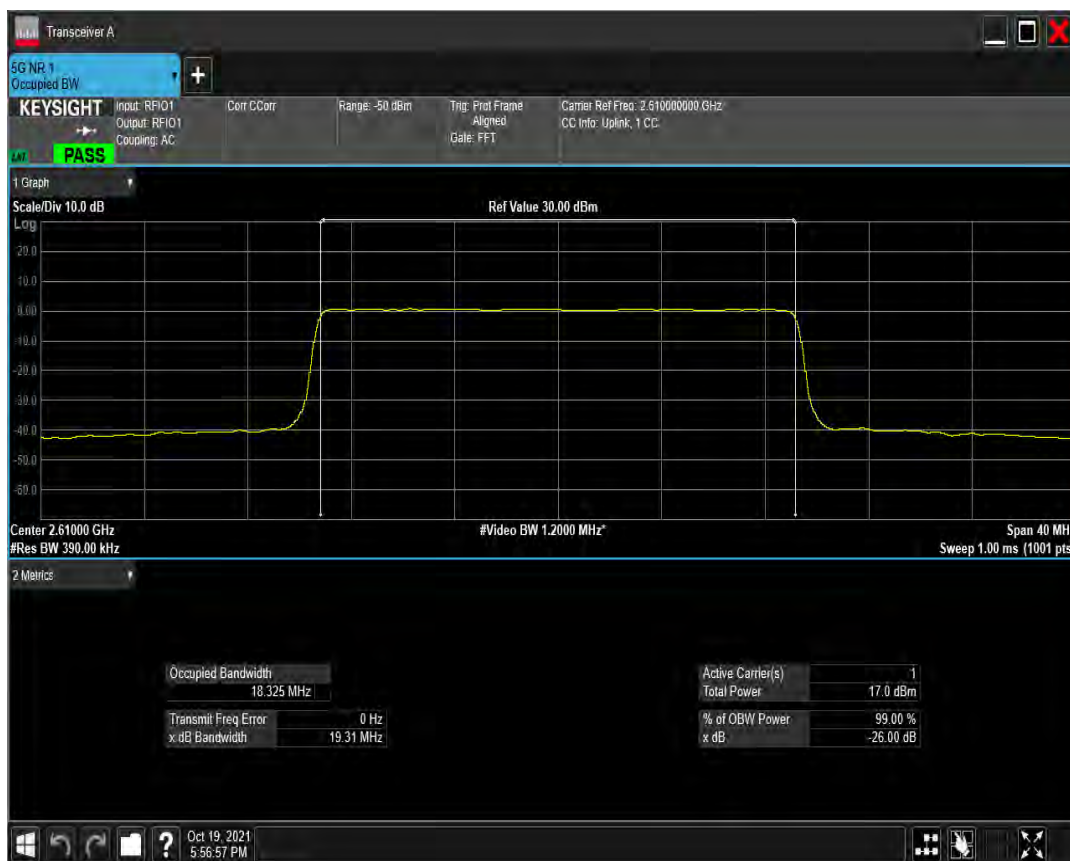
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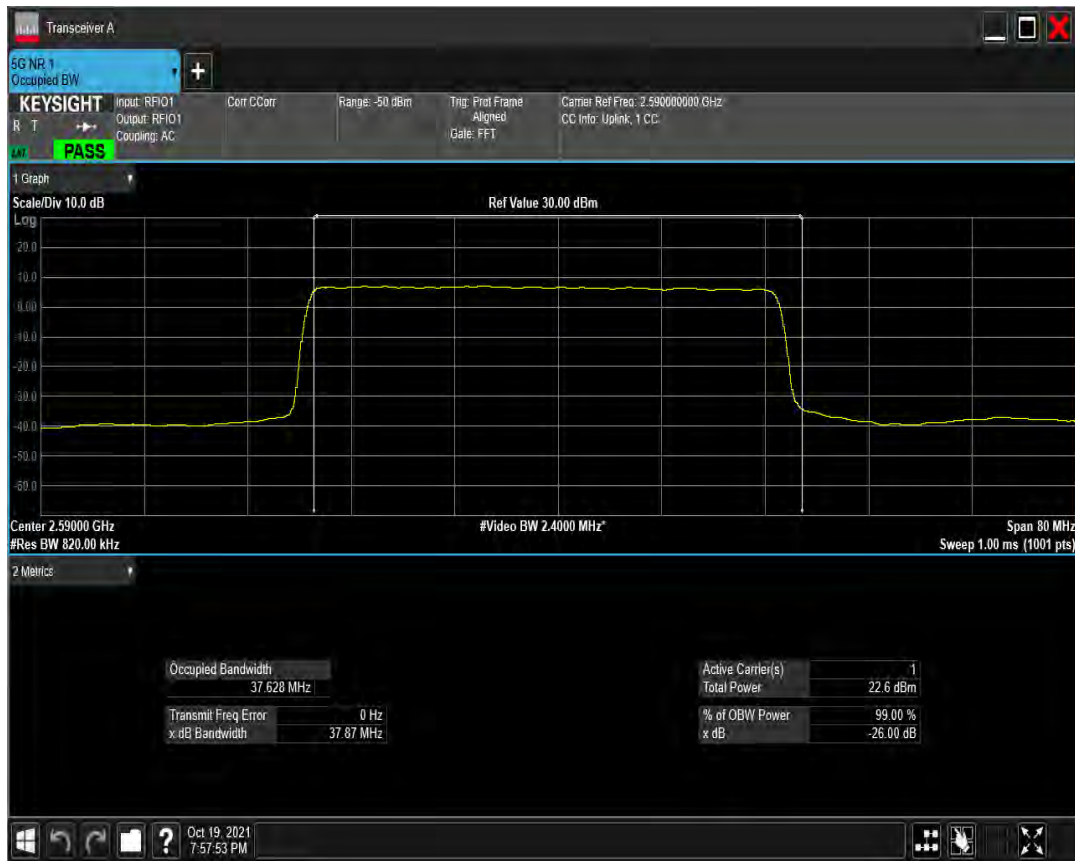
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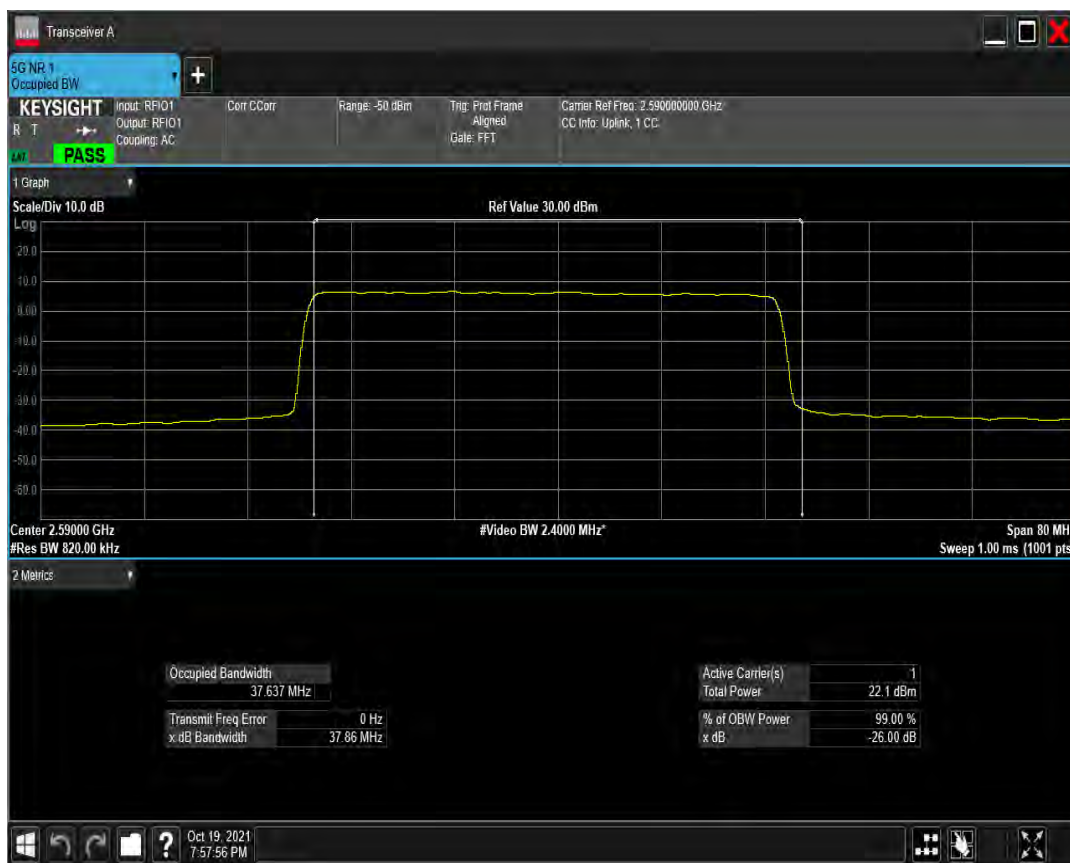
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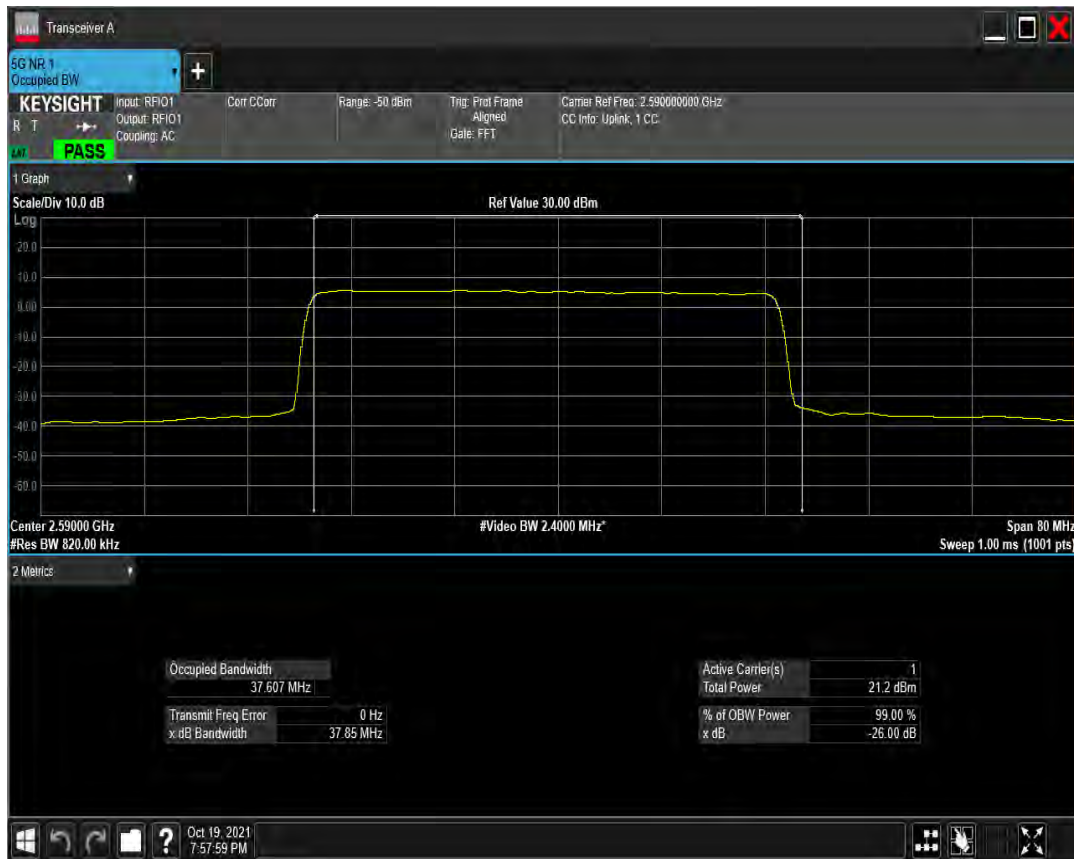
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n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100@0



n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=518000 RB=100@0



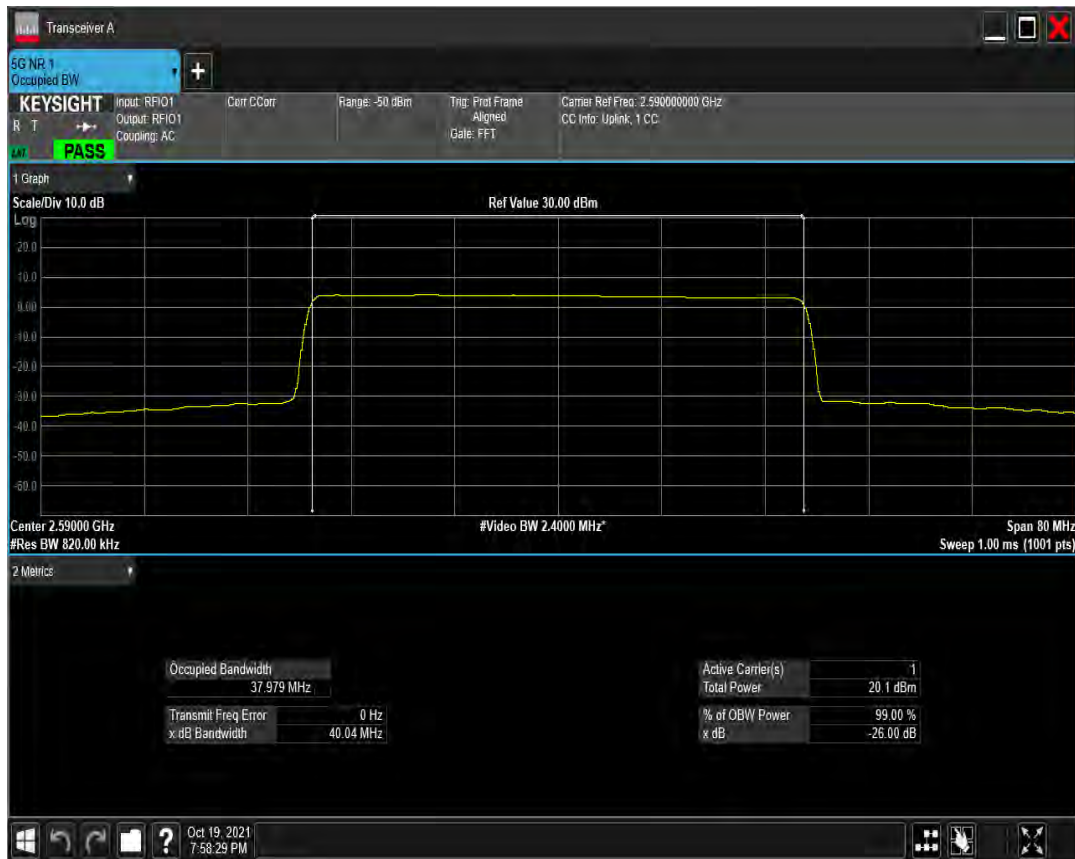
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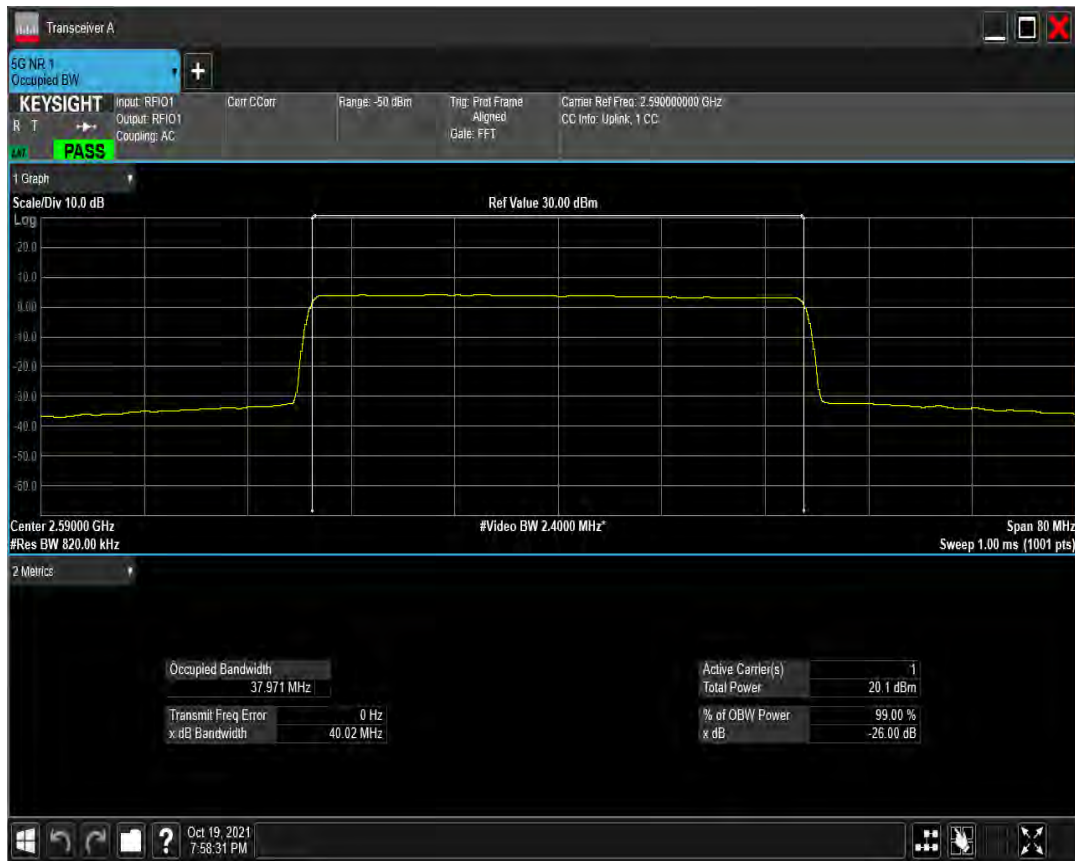
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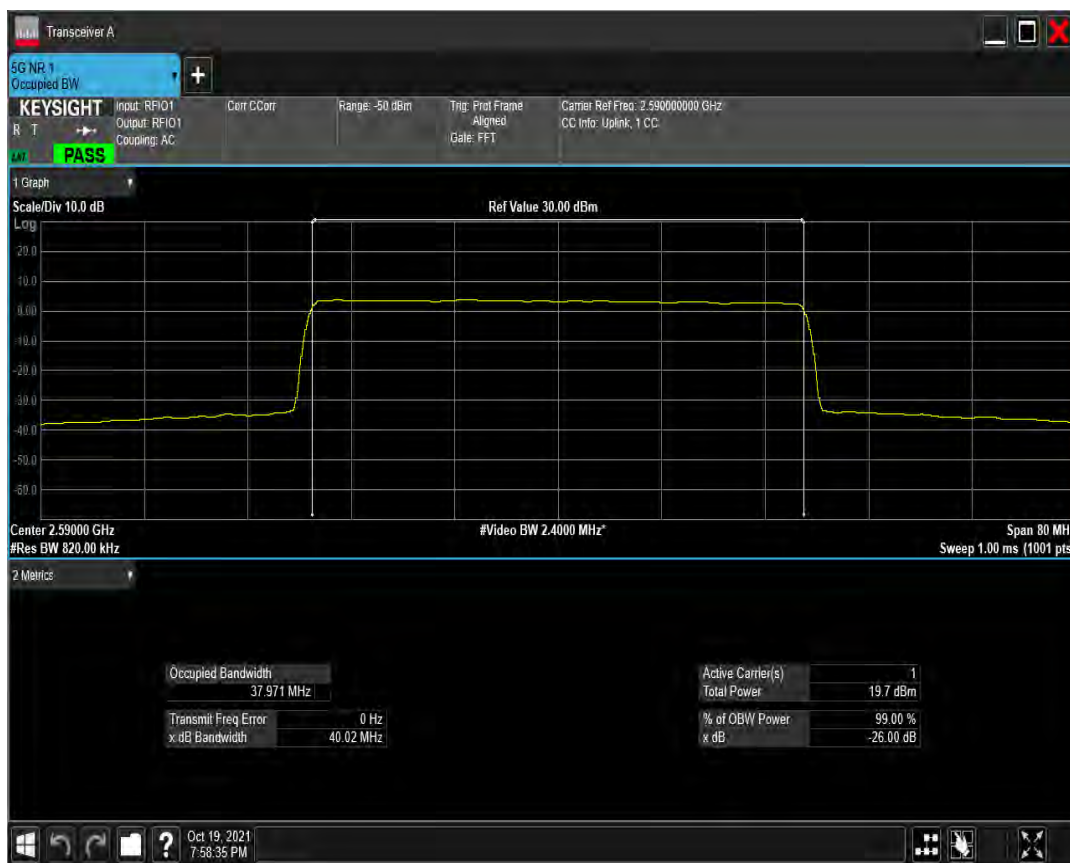
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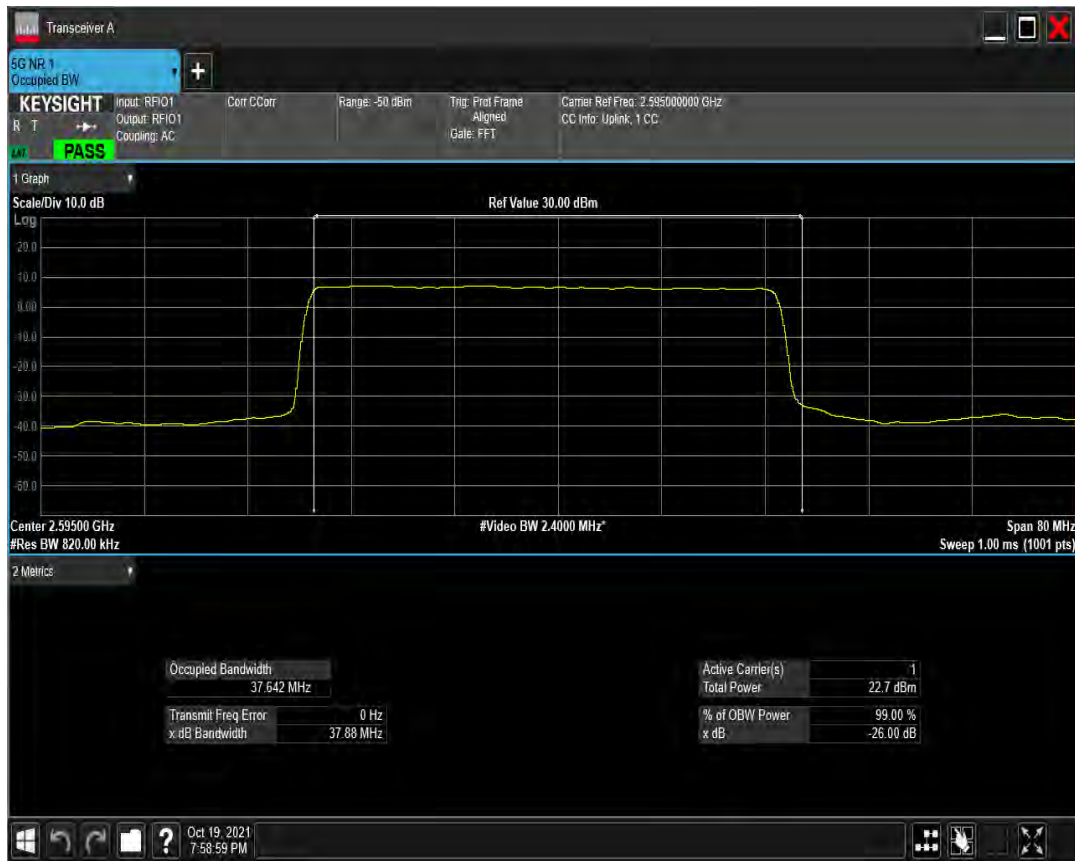
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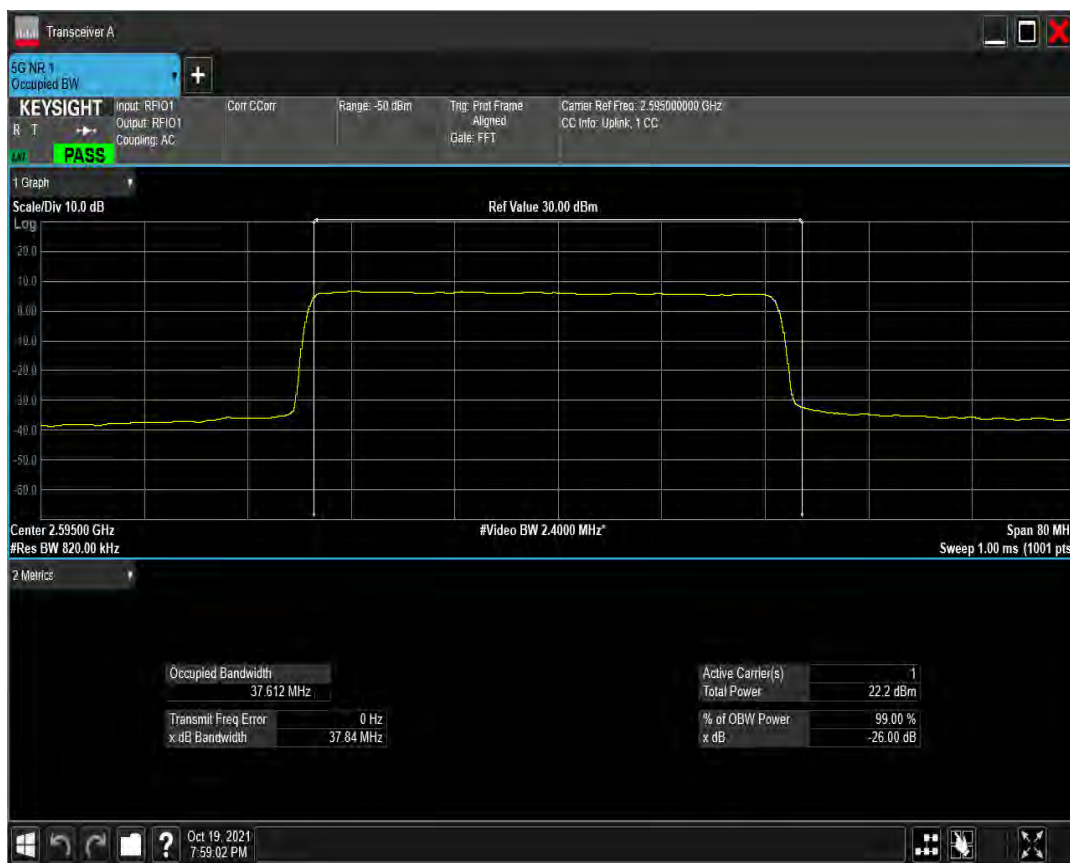
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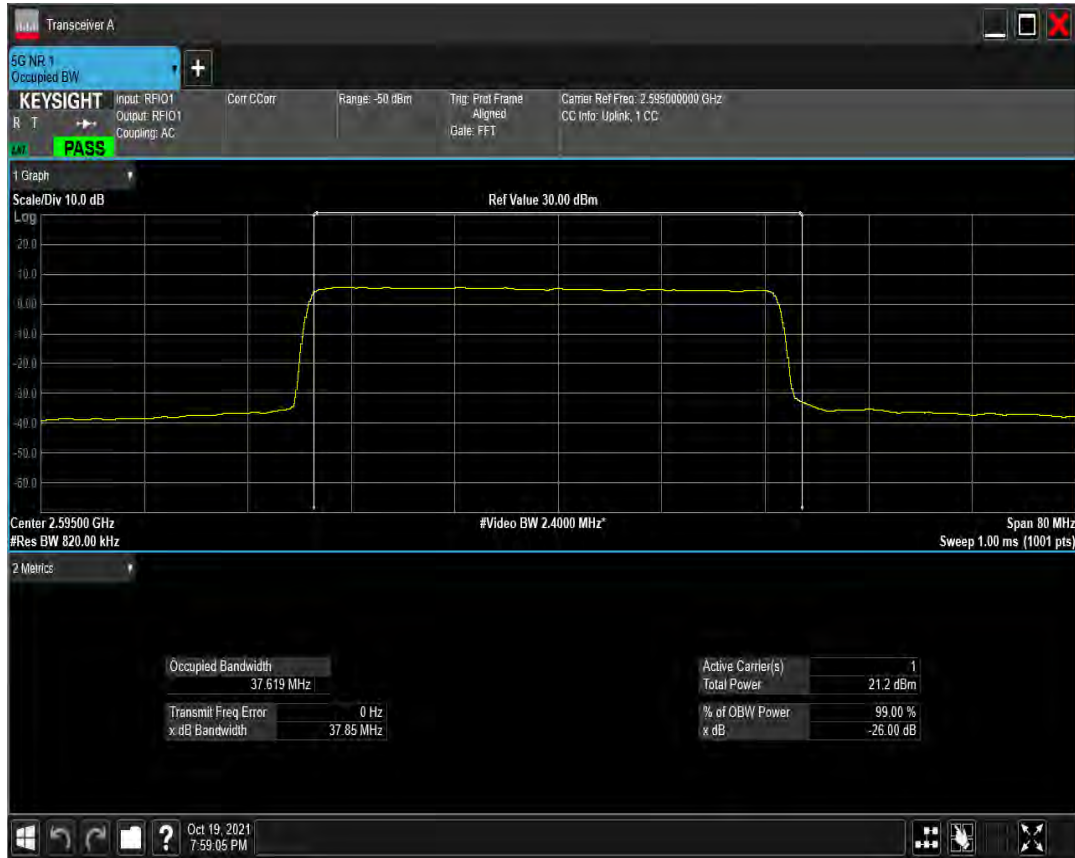
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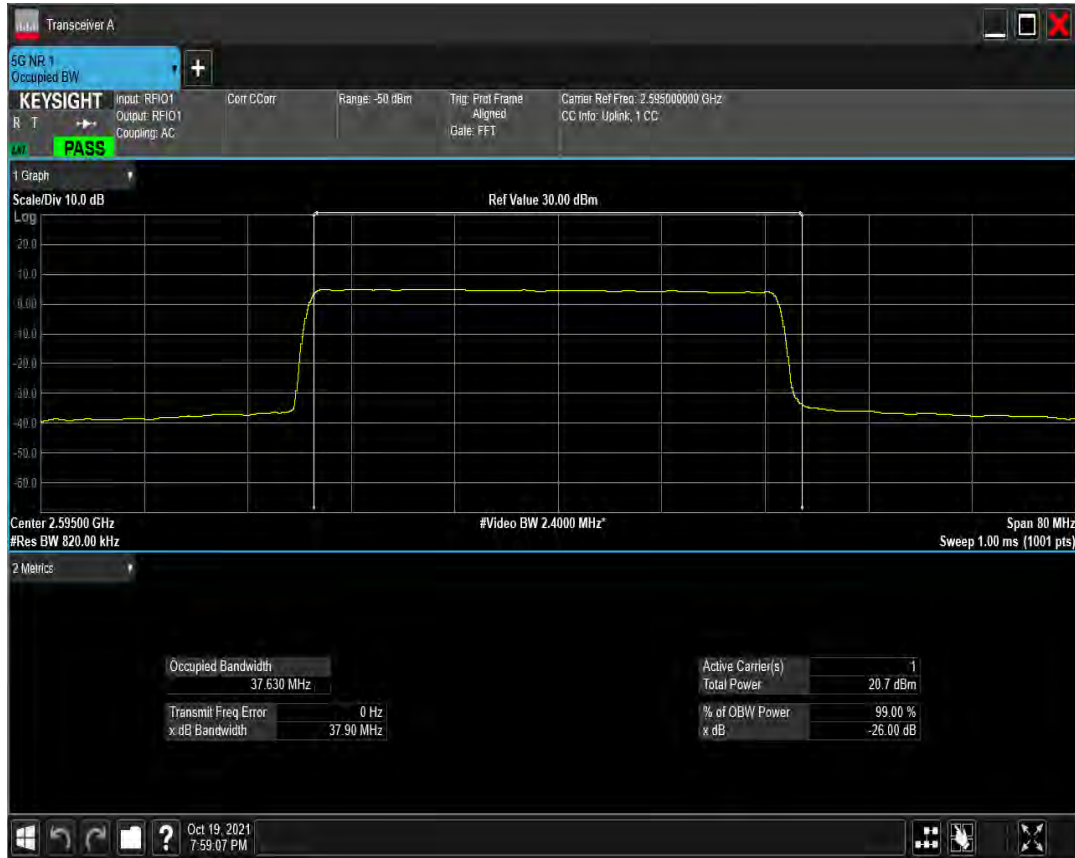
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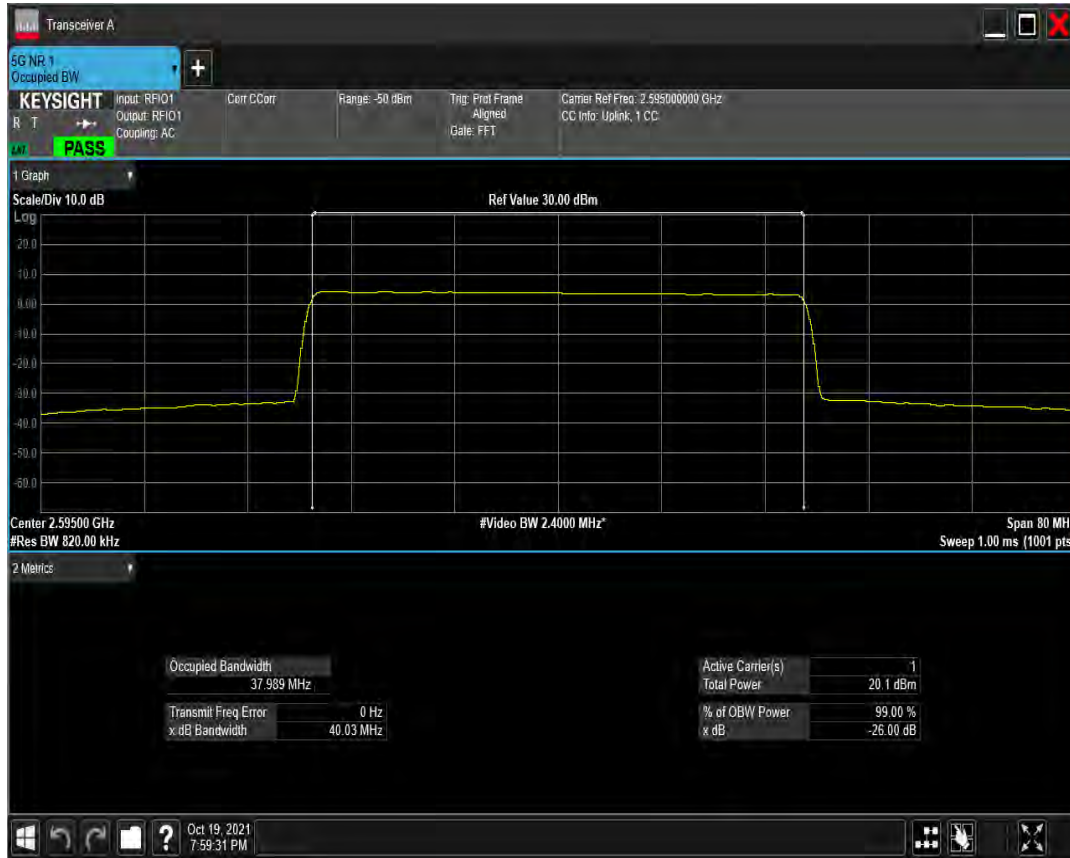
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n38 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=100@0



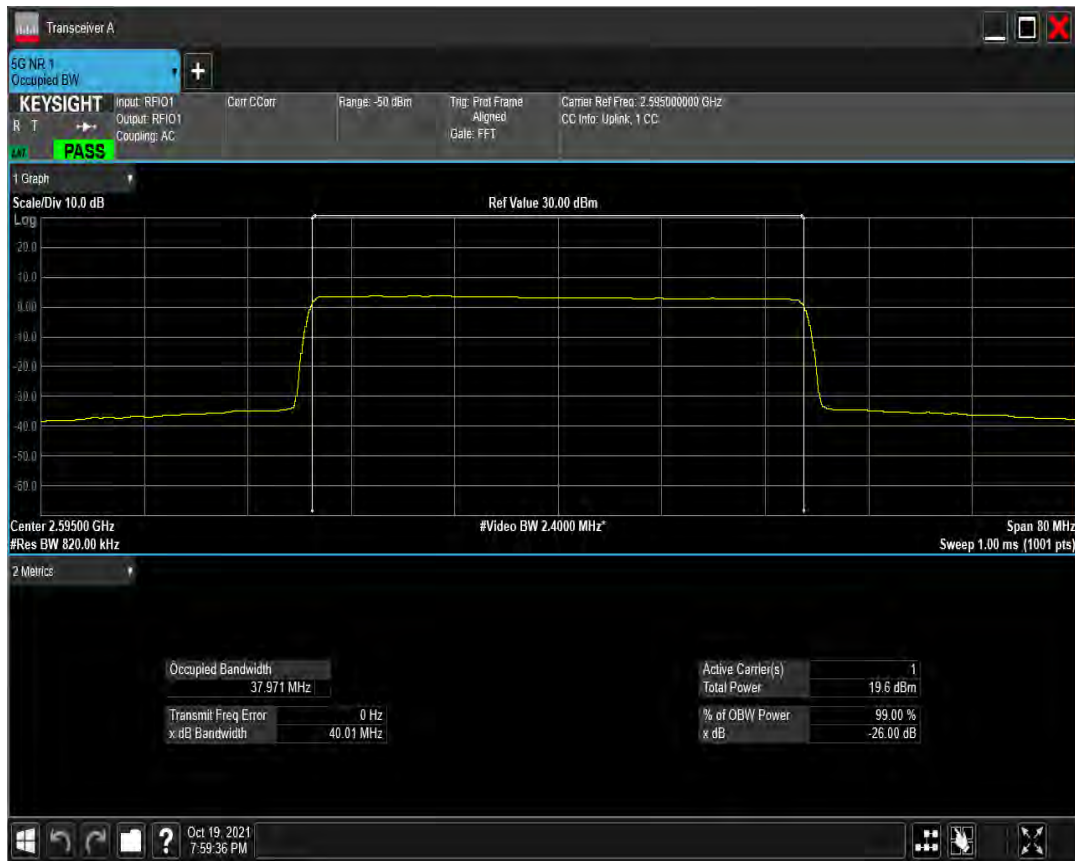
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n38 SCS=30kHz CP\_QAM16 BW=40MHz Channel=519000 RB=106@0



n38 SCS=30kHz CP\_QAM64 BW=40MHz Channel=519000 RB=106@0



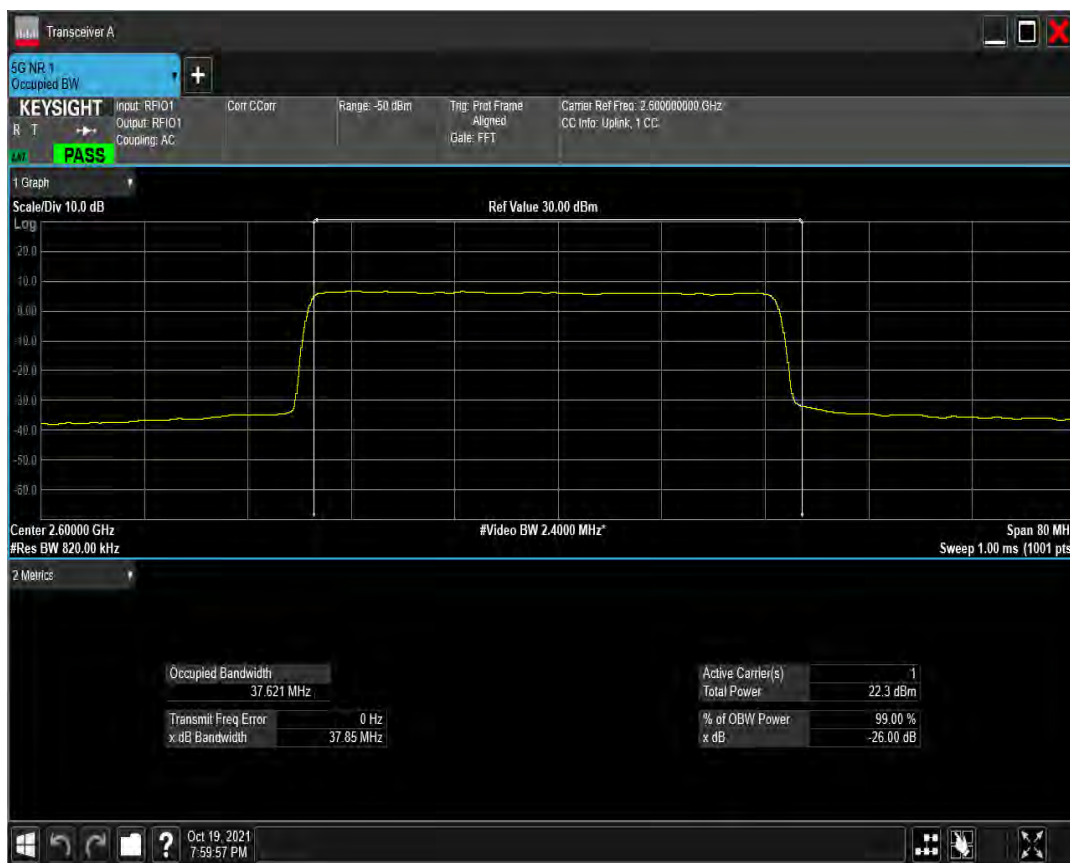
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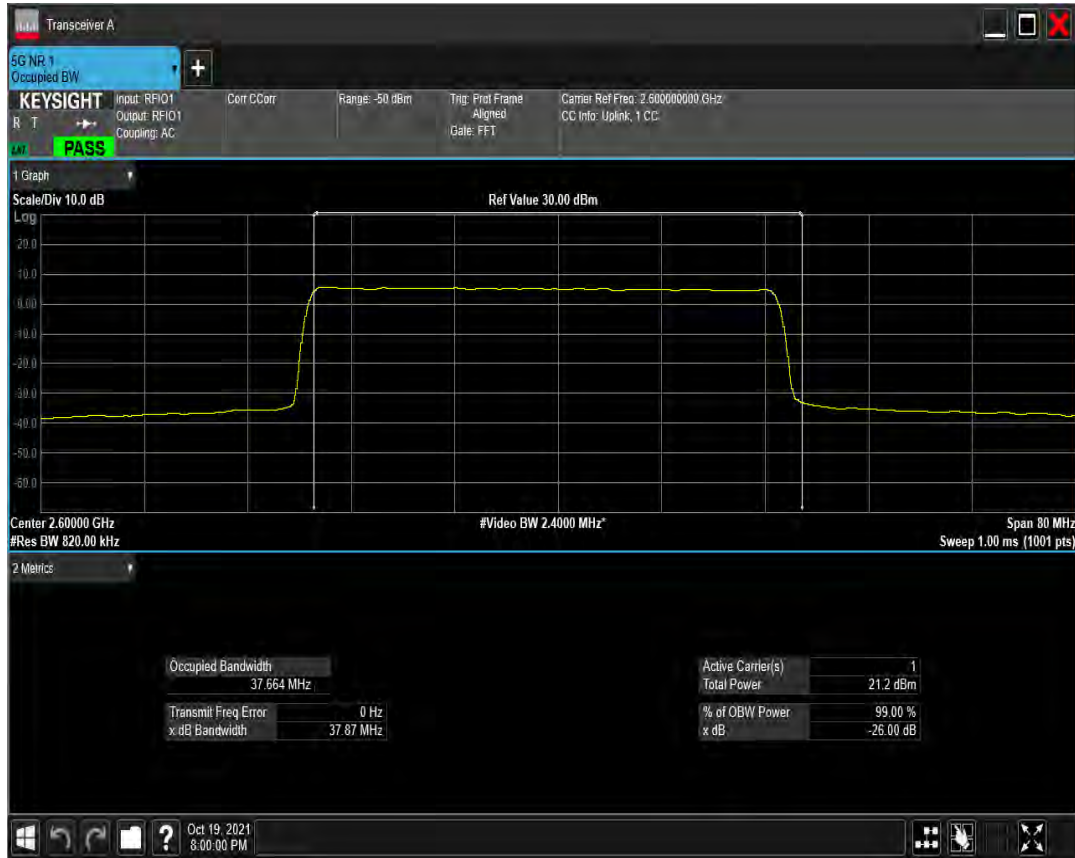
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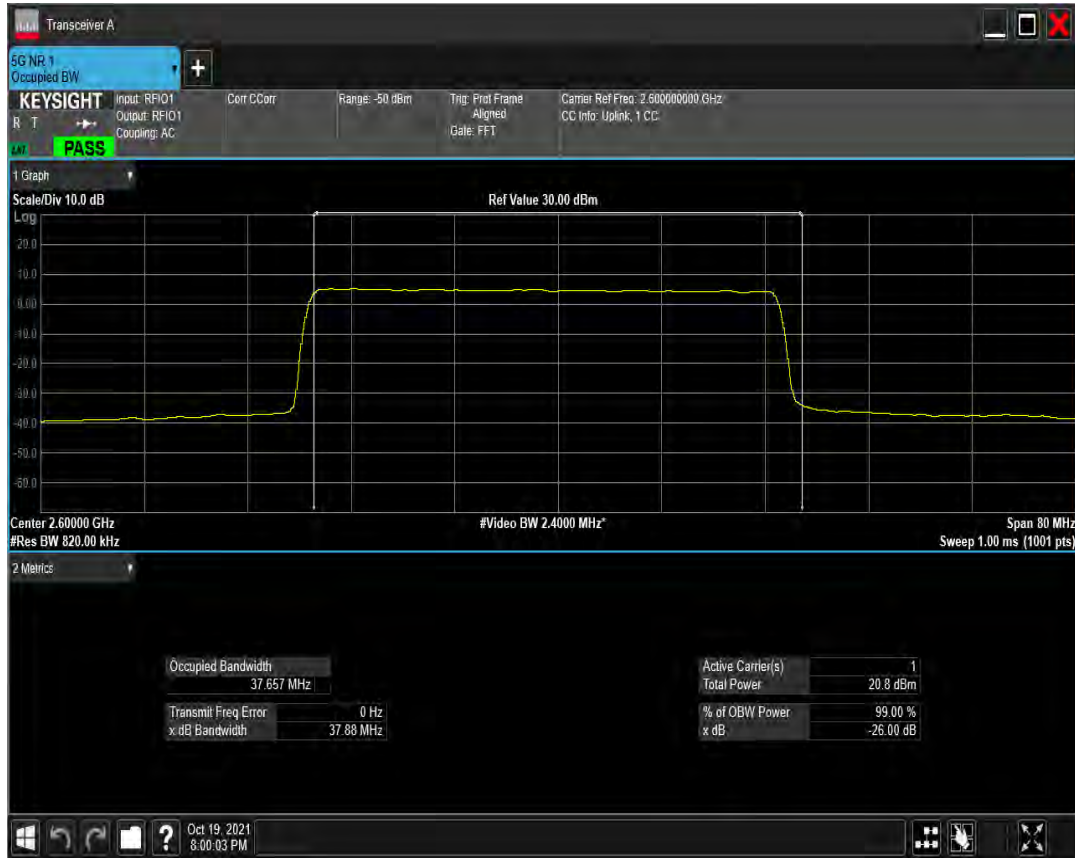
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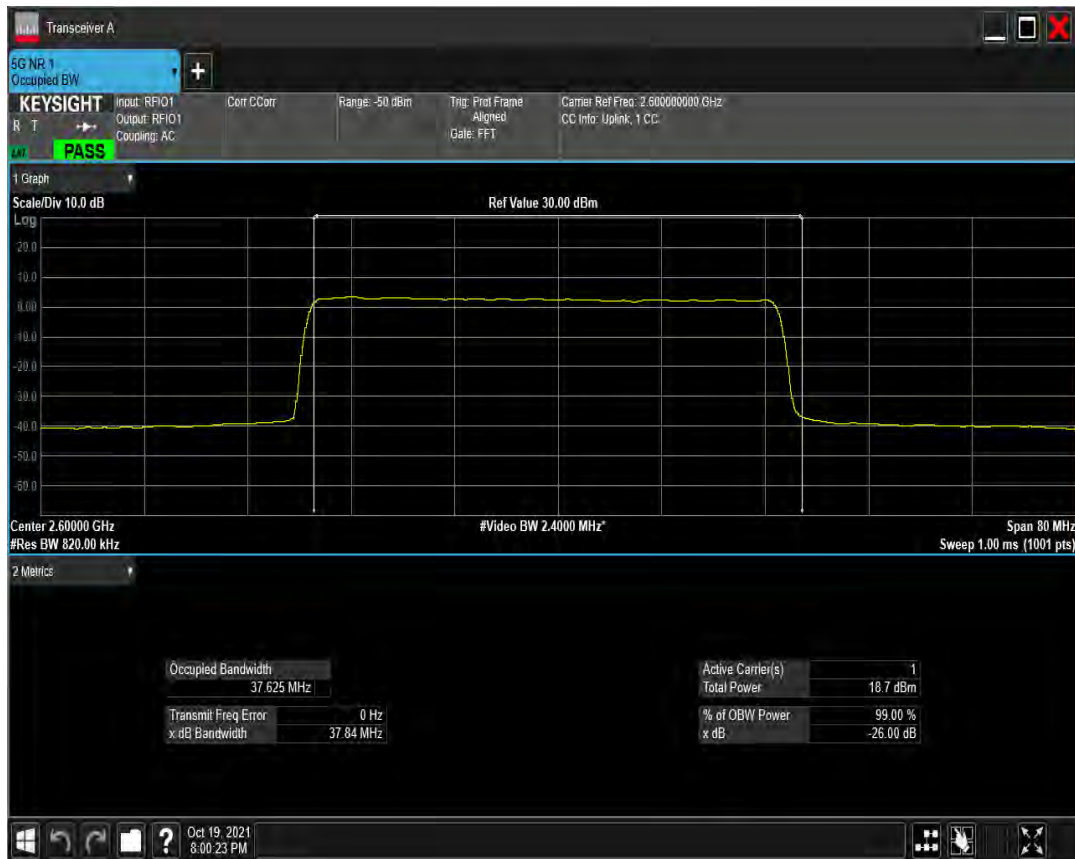
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=520000 RB=100@0



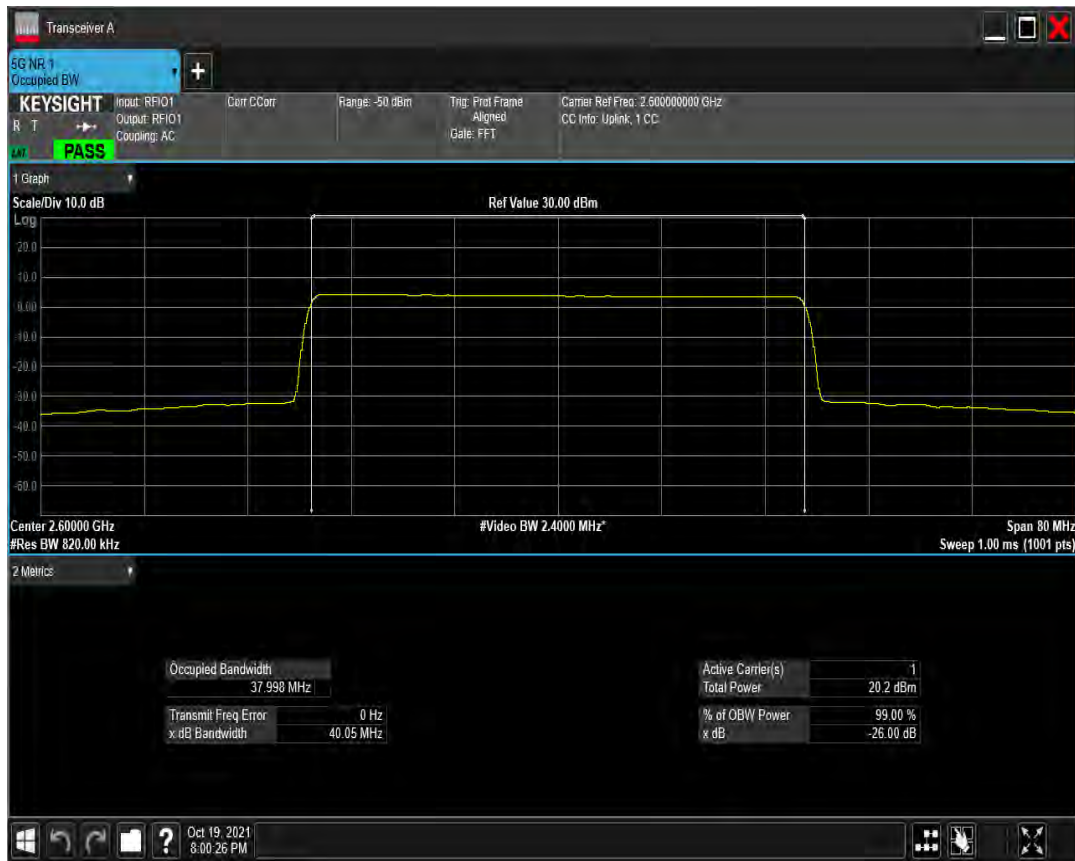
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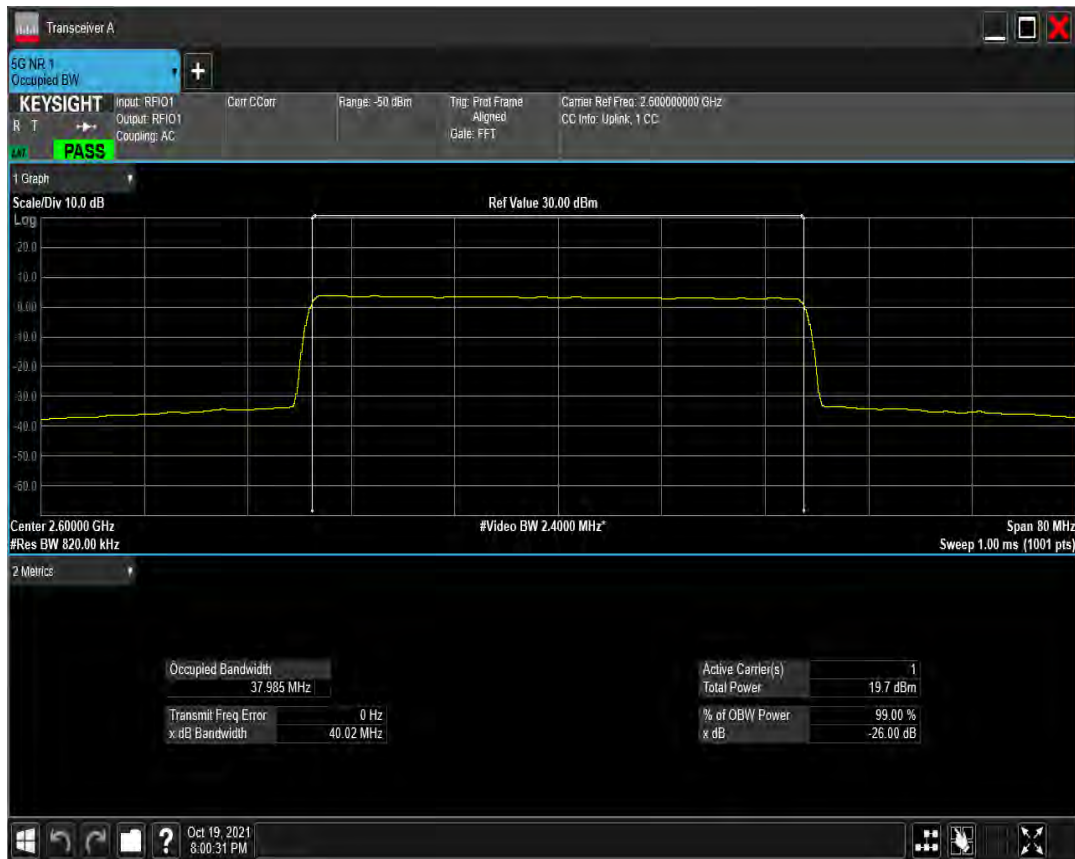
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n38 SCS=30kHz CP\_QAM16 BW=40MHz Channel=520000 RB=106@0



n38 SCS=30kHz CP\_QAM64 BW=40MHz Channel=520000 RB=106@0



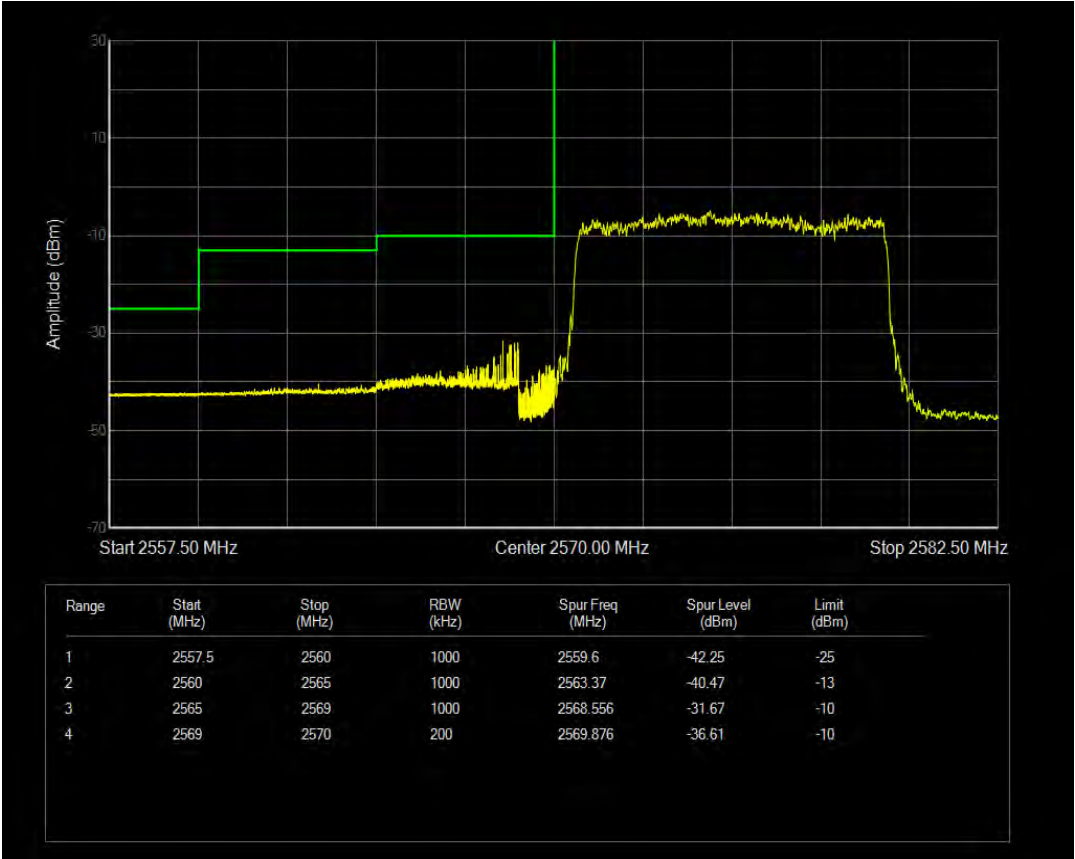
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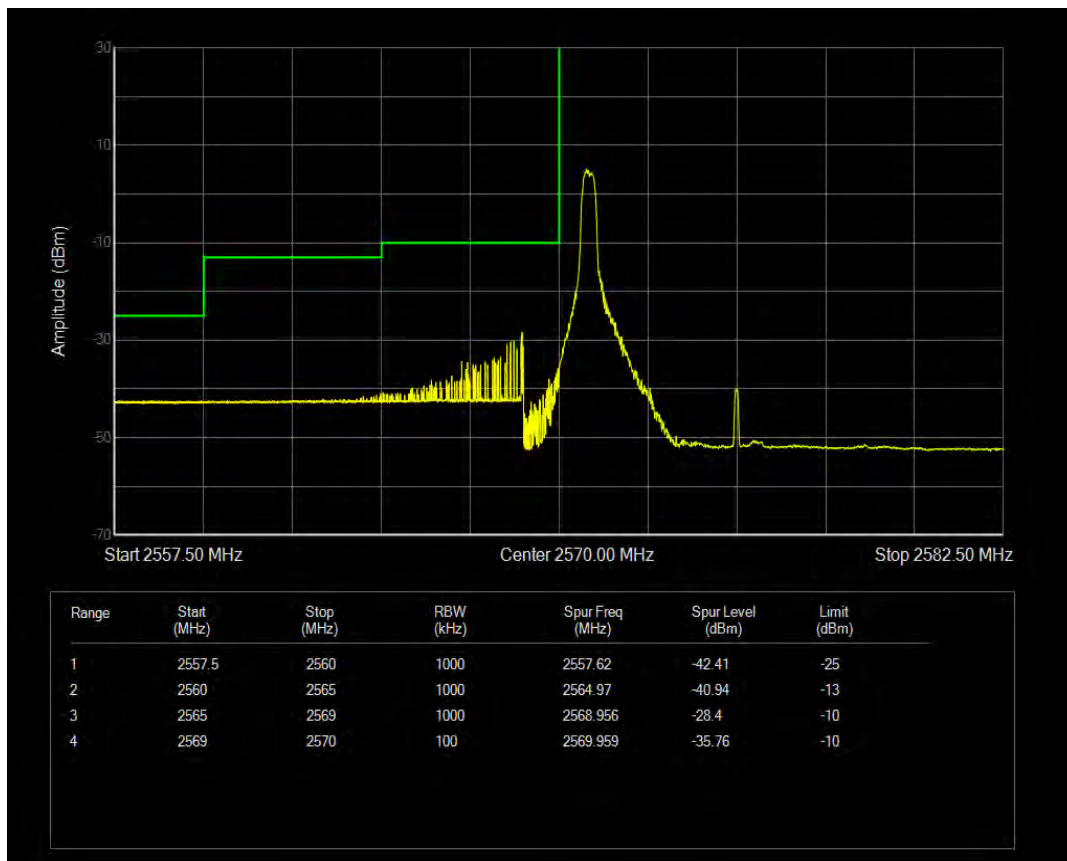
## 5 Band edge for NR FR1

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n38  | 30           | 10                 | 515000        | 24@0             | DFT_QPSK   | 2559.60            | -42.25              | -25            | PASS    |
| n38  | 30           | 10                 | 515000        | 1@0              | DFT_QPSK   | 2557.62            | -42.41              | -25            | PASS    |
| n38  | 30           | 10                 | 523000        | 24@0             | DFT_QPSK   | 2630.61            | -41.79              | -25            | PASS    |
| n38  | 30           | 10                 | 523000        | 1@23             | DFT_QPSK   | 2631.83            | -42.17              | -25            | PASS    |
| n38  | 30           | 40                 | 518000        | 100@0            | DFT_QPSK   | 2529.96            | -42.22              | -25            | PASS    |
| n38  | 30           | 40                 | 518000        | 1@0              | DFT_QPSK   | 2526.69            | -42.41              | -25            | PASS    |
| n38  | 30           | 40                 | 520000        | 100@0            | DFT_QPSK   | 2660.86            | -42.13              | -25            | PASS    |
| n38  | 30           | 40                 | 520000        | 1@105            | DFT_QPSK   | 2664.12            | -42.20              | -25            | PASS    |

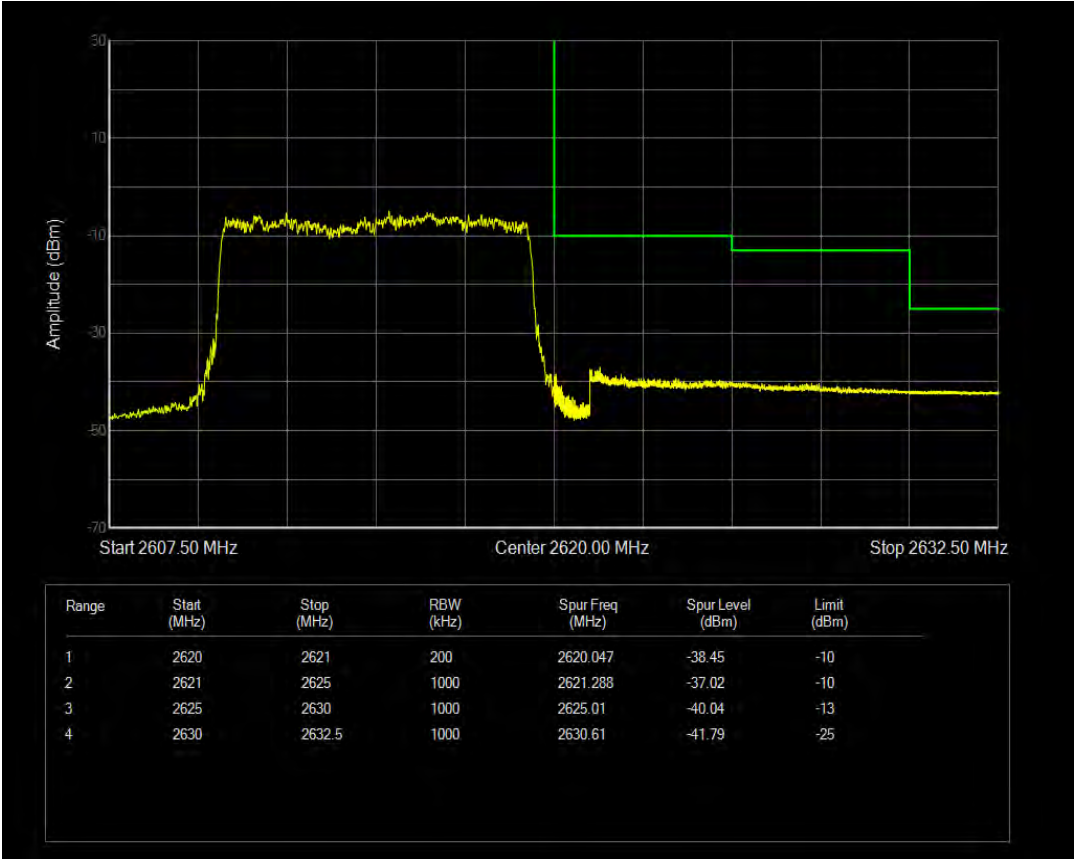
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



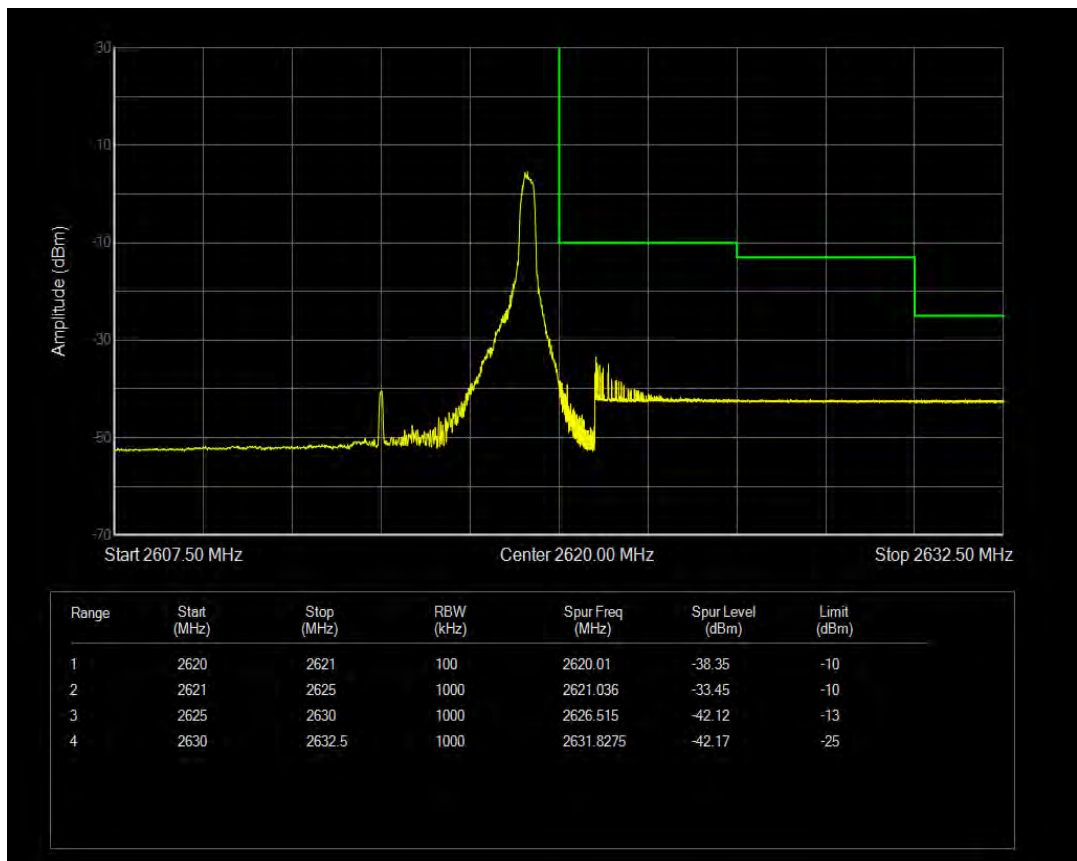
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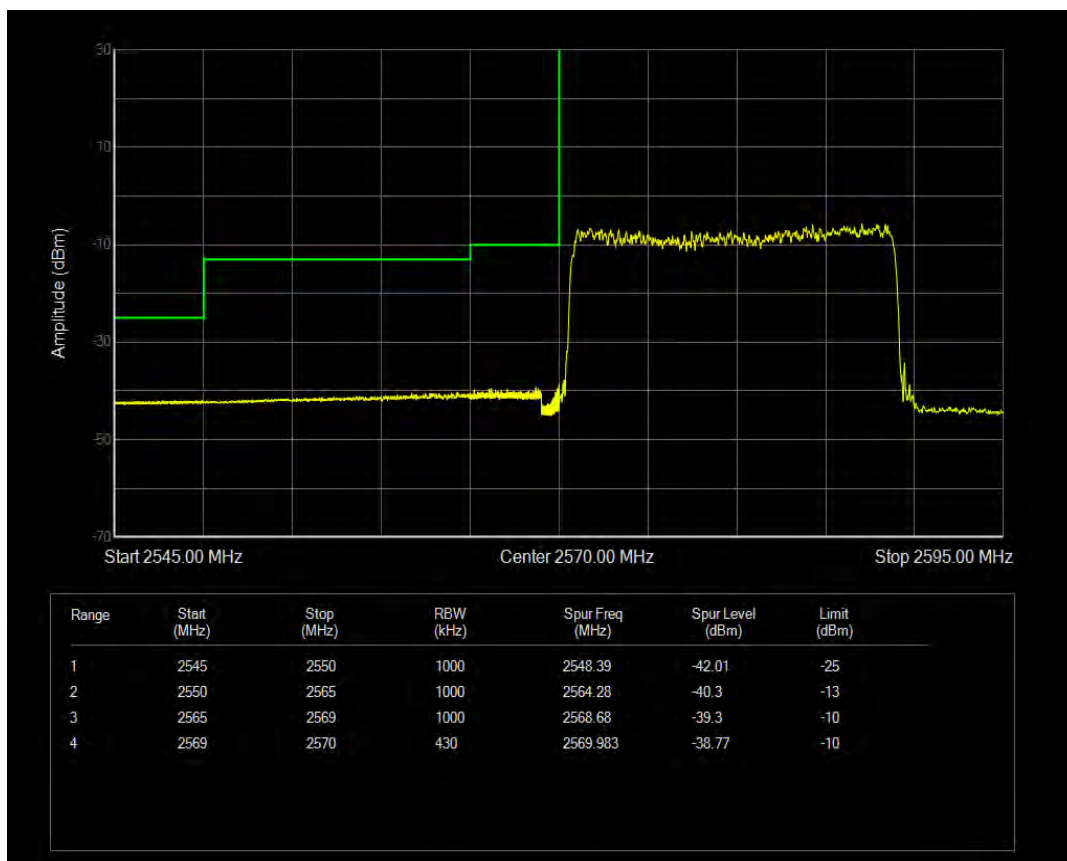
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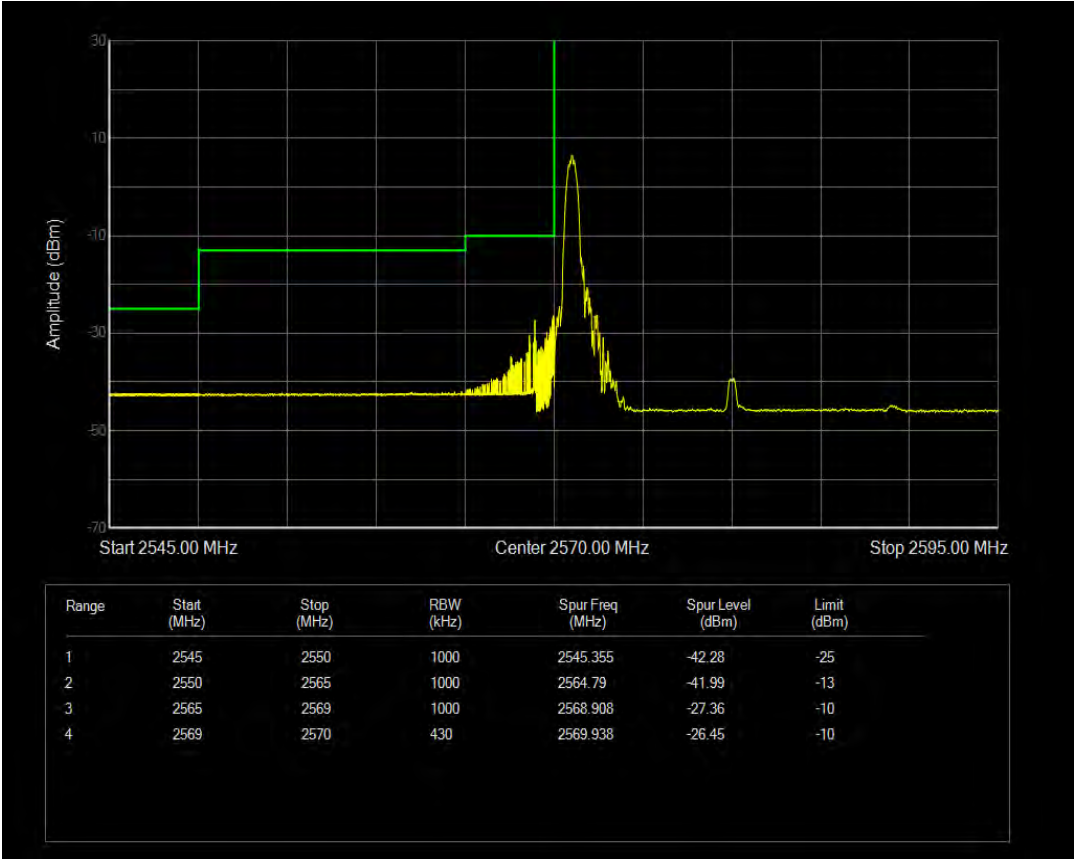
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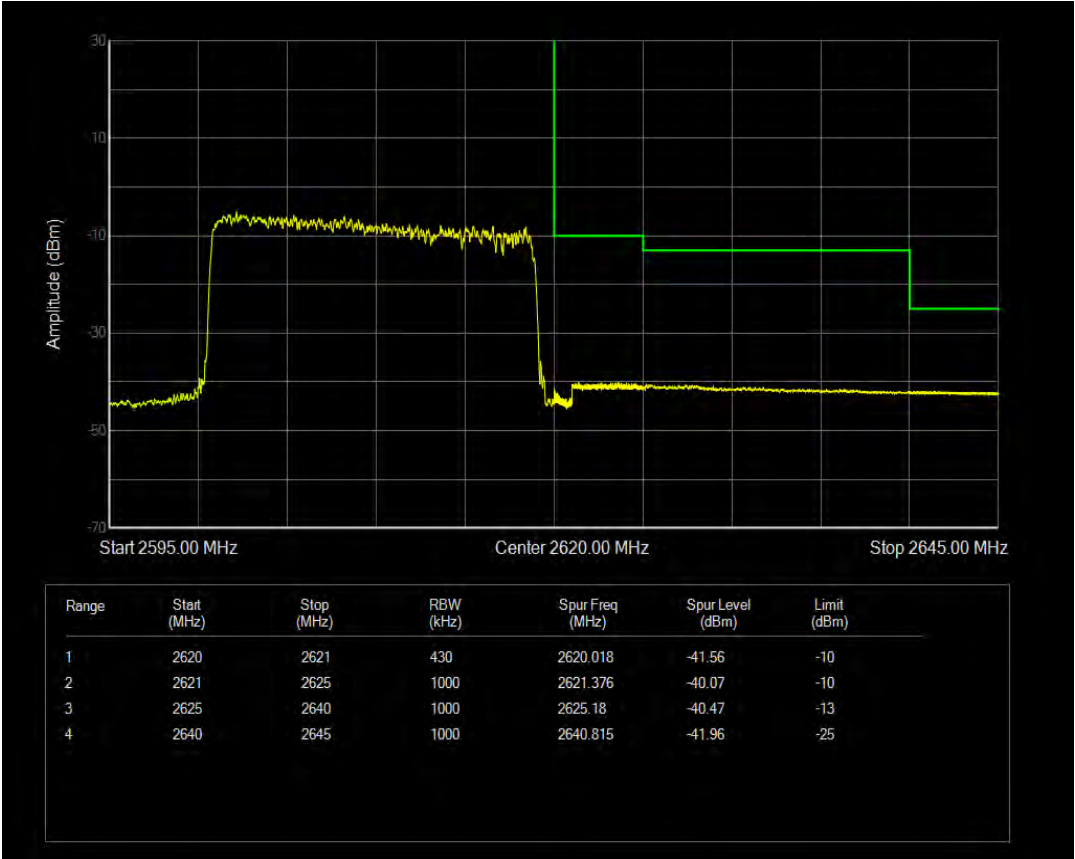
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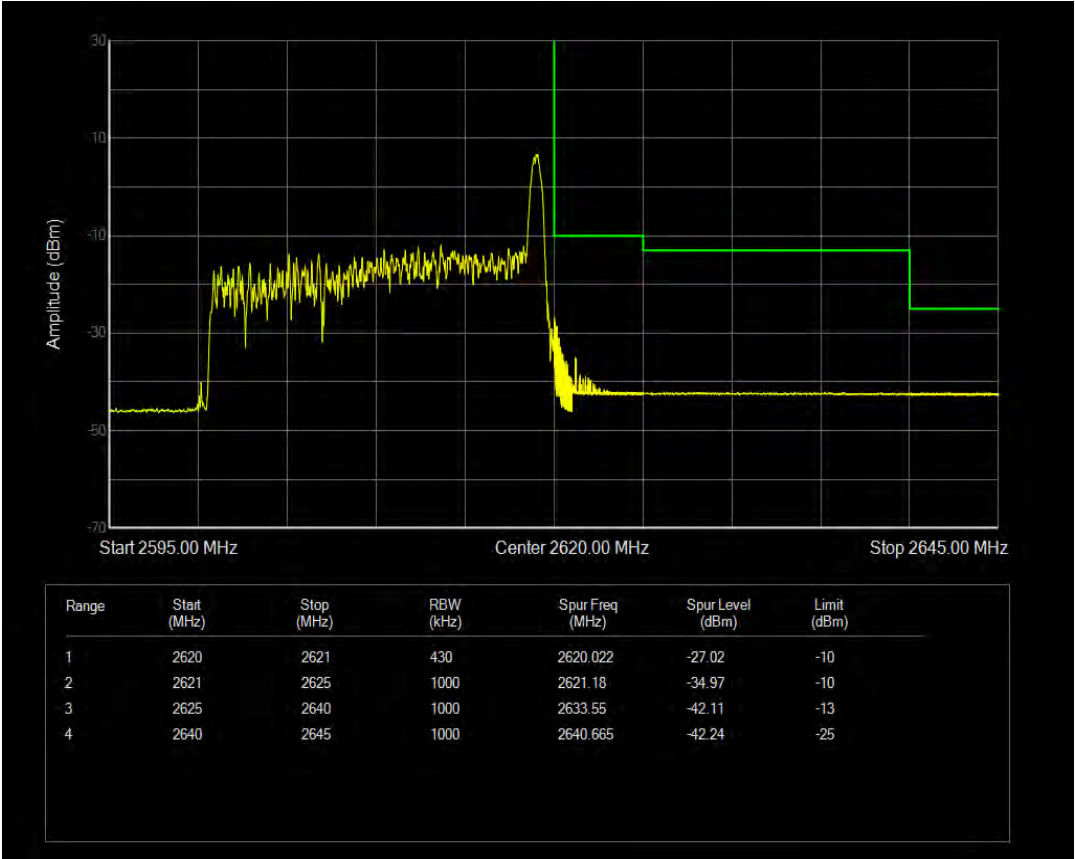
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=516000 RB=1@0



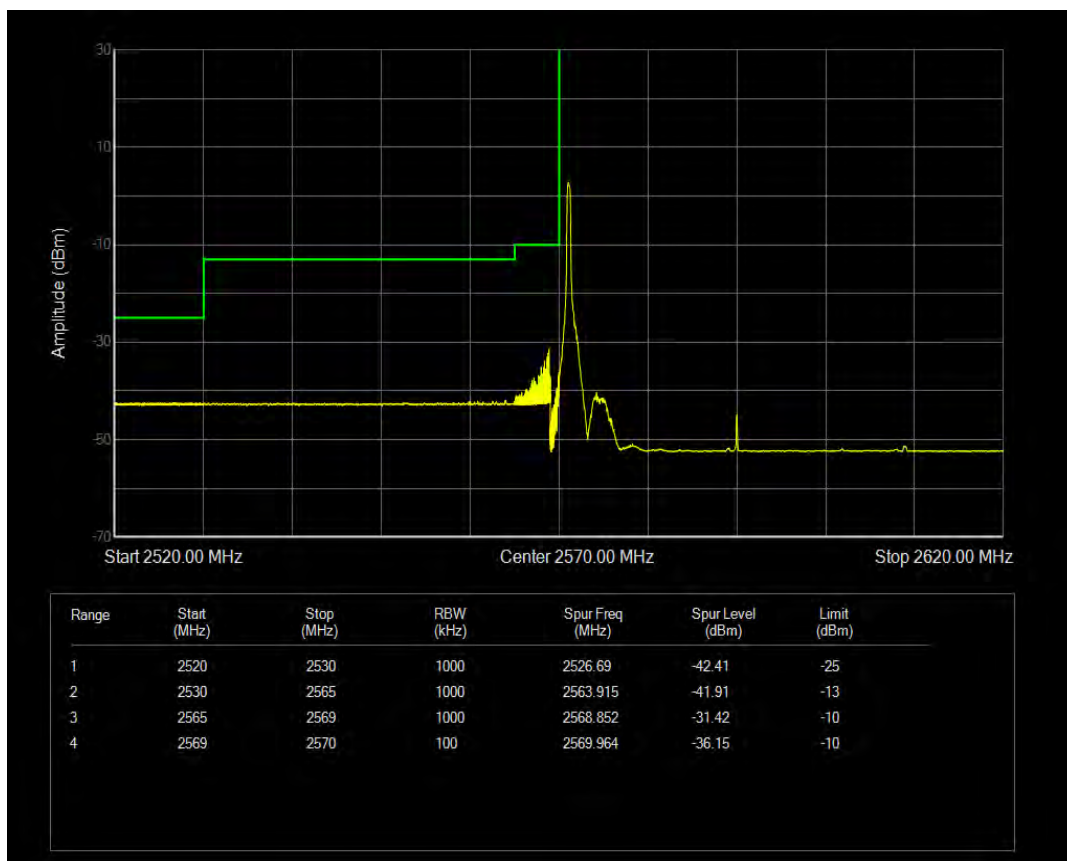
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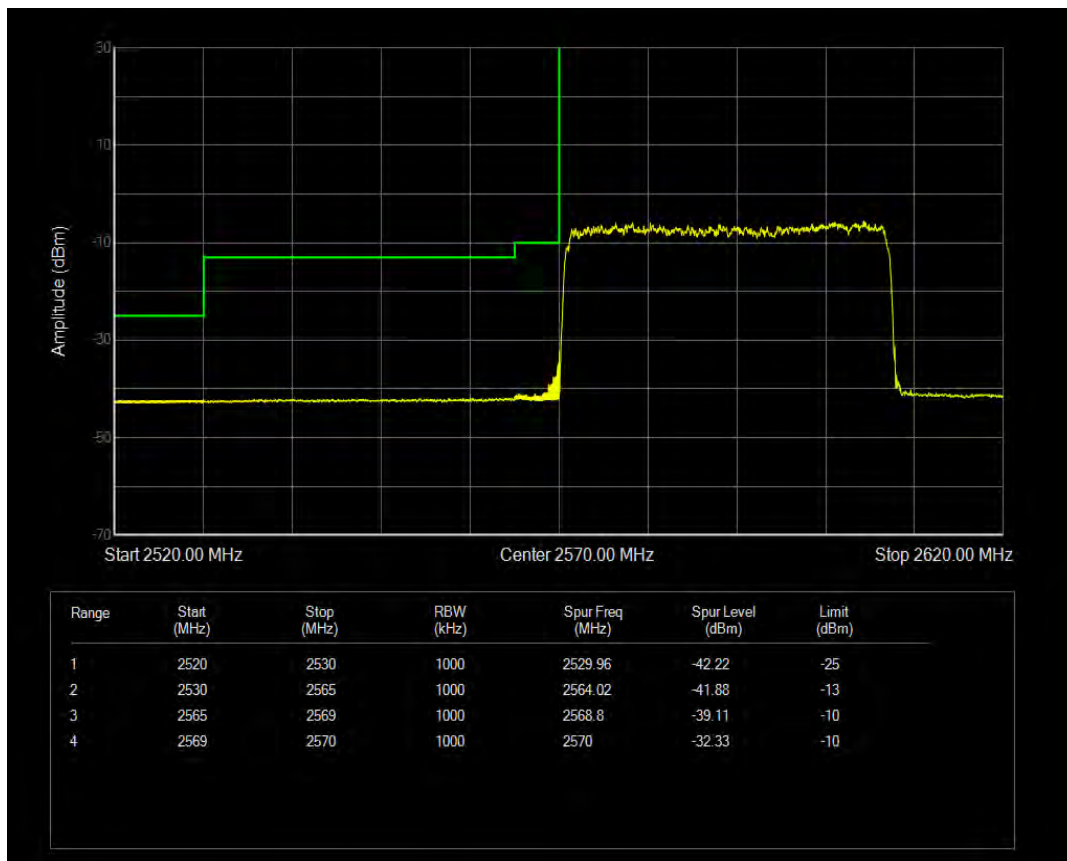
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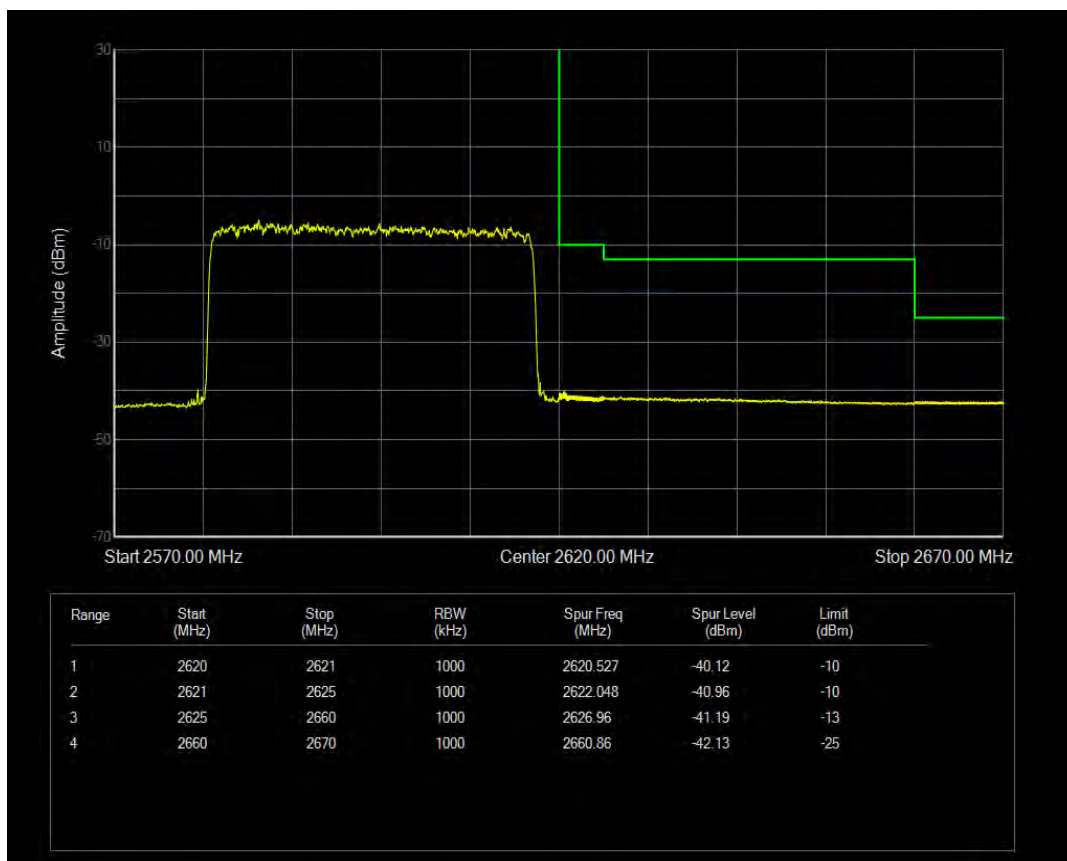
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



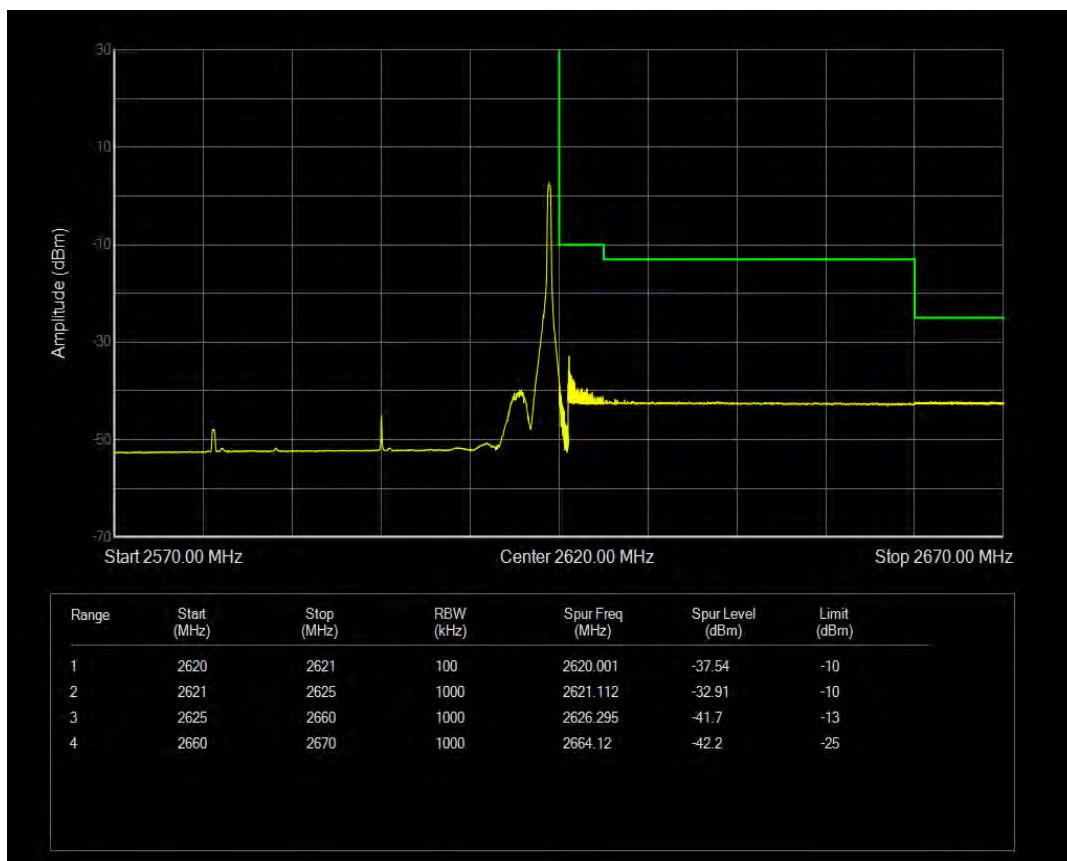
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100@0



n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=100@0



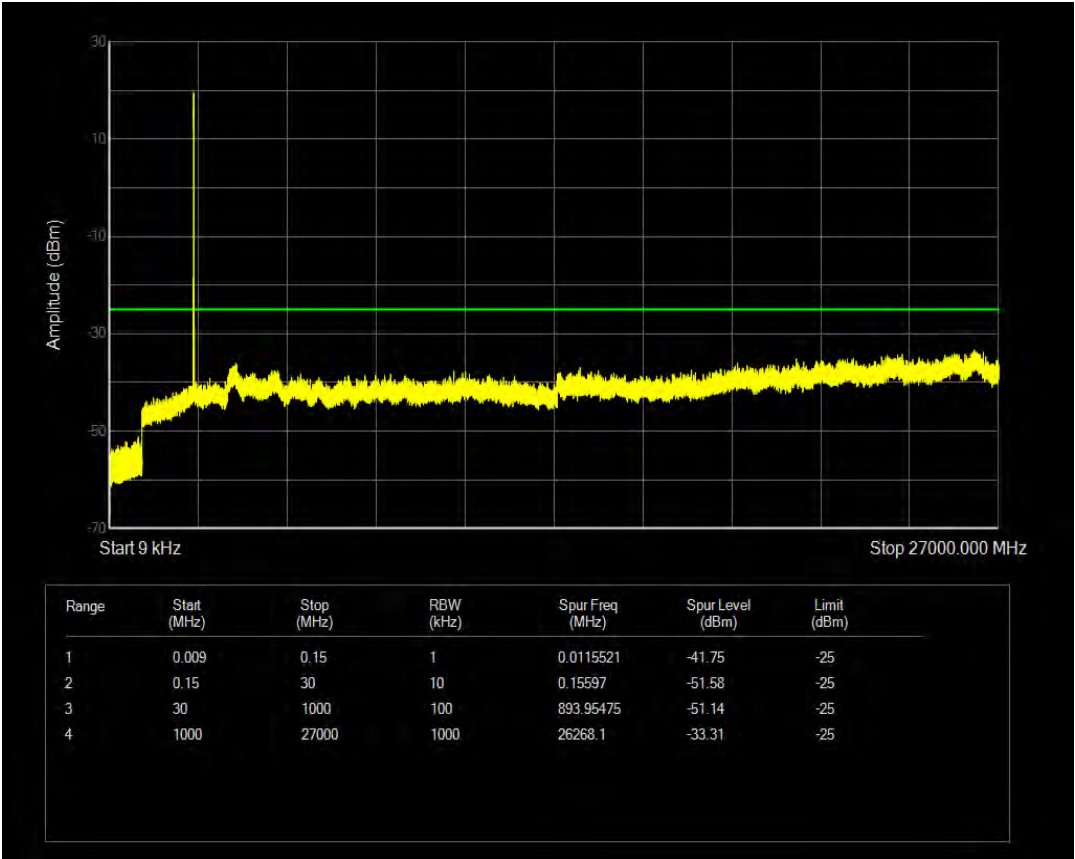
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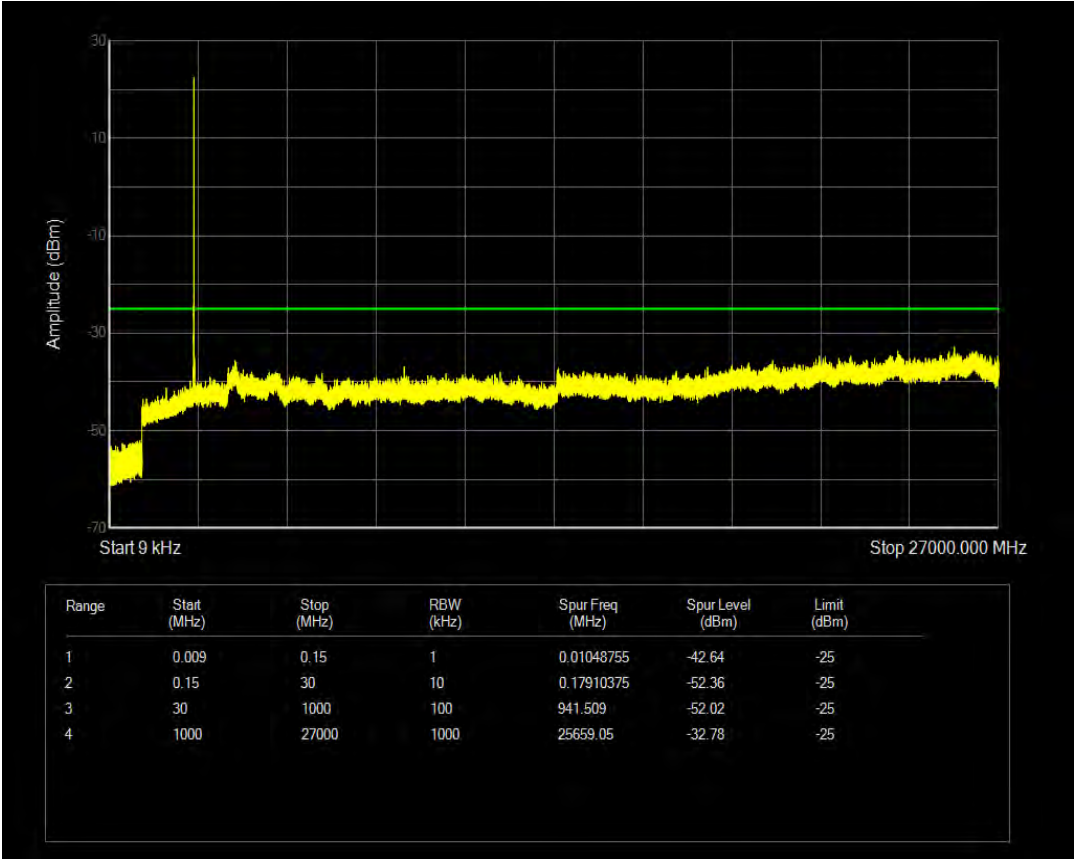
## 6 Out-of-band emissions for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n38  | 30        | 10              | 515000     | 24@0          | DFT_QPSK   | 26268.10        | -33.31           | -25         | PASS    |
| n38  | 30        | 10              | 515000     | 1@0           | DFT_QPSK   | 26305.15        | -32.58           | -25         | PASS    |
| n38  | 30        | 10              | 515000     | 1@23          | DFT_QPSK   | 25659.05        | -32.78           | -25         | PASS    |
| n38  | 30        | 10              | 519000     | 24@0          | DFT_QPSK   | 25613.55        | -31.72           | -25         | PASS    |
| n38  | 30        | 10              | 519000     | 1@0           | DFT_QPSK   | 23948.90        | -32.32           | -25         | PASS    |
| n38  | 30        | 10              | 519000     | 1@23          | DFT_QPSK   | 25512.80        | -33.59           | -25         | PASS    |
| n38  | 30        | 10              | 523000     | 24@0          | DFT_QPSK   | 26376.00        | -32.64           | -25         | PASS    |
| n38  | 30        | 10              | 523000     | 1@0           | DFT_QPSK   | 26403.30        | -33.04           | -25         | PASS    |
| n38  | 30        | 10              | 523000     | 1@23          | DFT_QPSK   | 25668.80        | -32.76           | -25         | PASS    |
| n38  | 30        | 40              | 518000     | 100@0         | DFT_QPSK   | 26418.25        | -32.85           | -25         | PASS    |
| n38  | 30        | 40              | 518000     | 1@0           | DFT_QPSK   | 26317.50        | -32.78           | -25         | PASS    |
| n38  | 30        | 40              | 518000     | 1@105         | DFT_QPSK   | 26207.00        | -32.93           | -25         | PASS    |
| n38  | 30        | 40              | 519000     | 100@0         | DFT_QPSK   | 26305.80        | -32.91           | -25         | PASS    |
| n38  | 30        | 40              | 519000     | 1@0           | DFT_QPSK   | 25604.45        | -32.50           | -25         | PASS    |
| n38  | 30        | 40              | 519000     | 1@105         | DFT_QPSK   | 26255.75        | -33.07           | -25         | PASS    |
| n38  | 30        | 40              | 520000     | 100@0         | DFT_QPSK   | 26268.75        | -32.88           | -25         | PASS    |
| n38  | 30        | 40              | 520000     | 1@0           | DFT_QPSK   | 26124.45        | -33.03           | -25         | PASS    |
| n38  | 30        | 40              | 520000     | 1@105         | DFT_QPSK   | 26236.90        | -32.67           | -25         | PASS    |

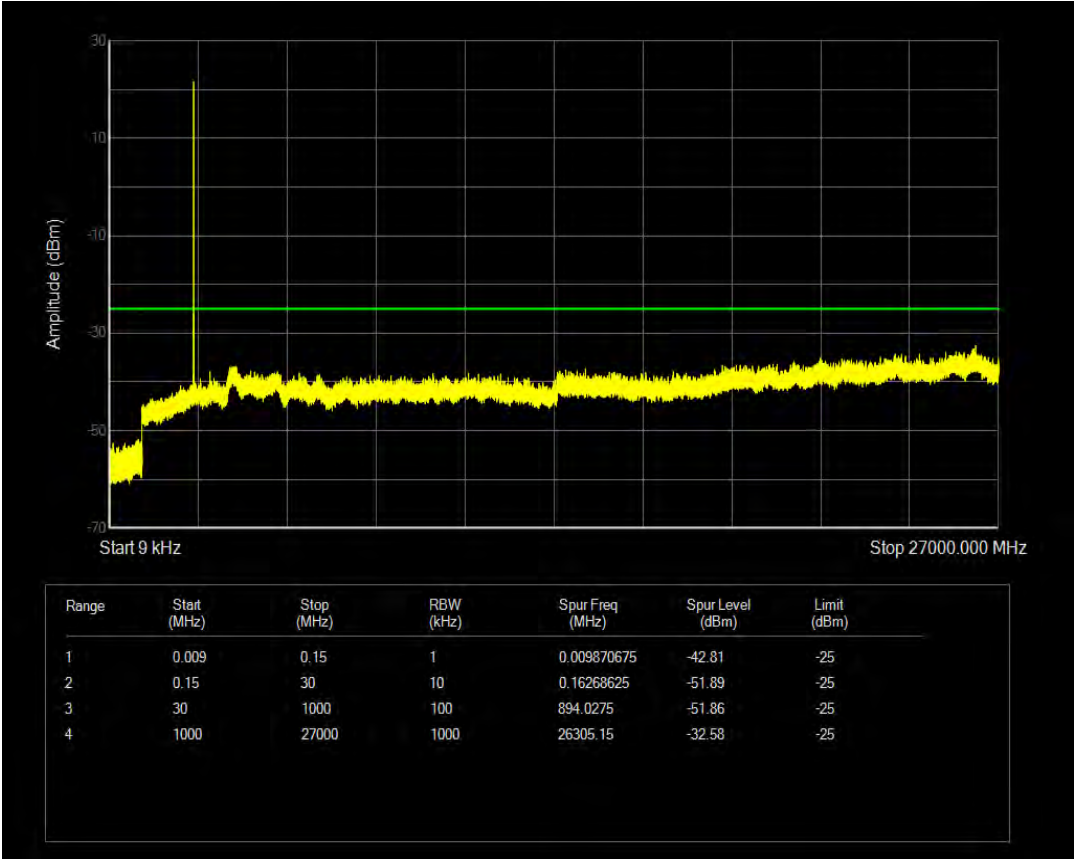
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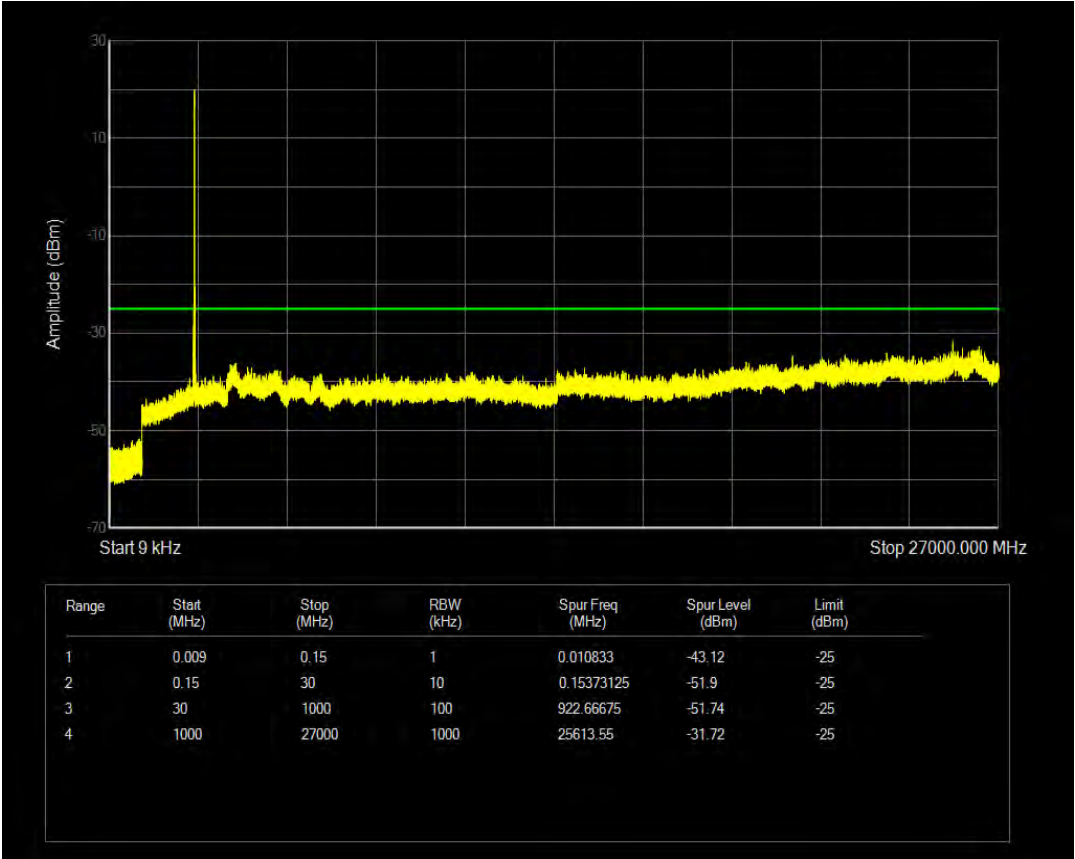
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1@23



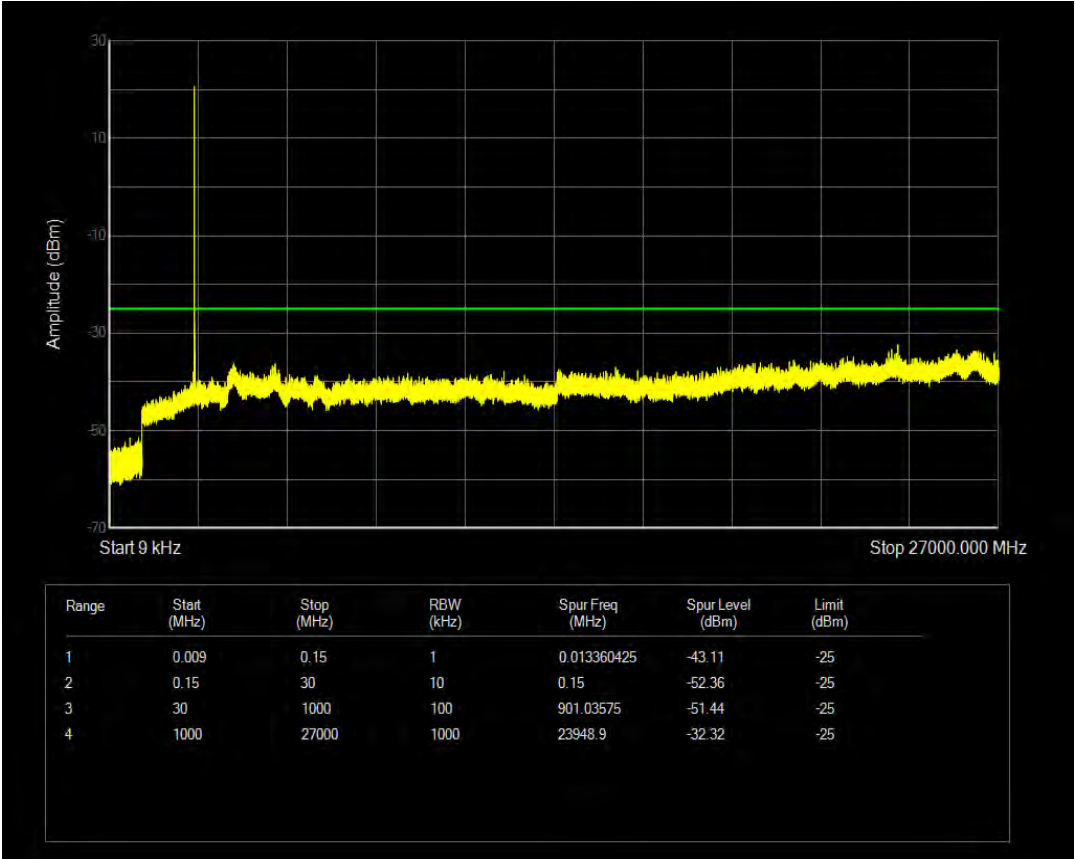
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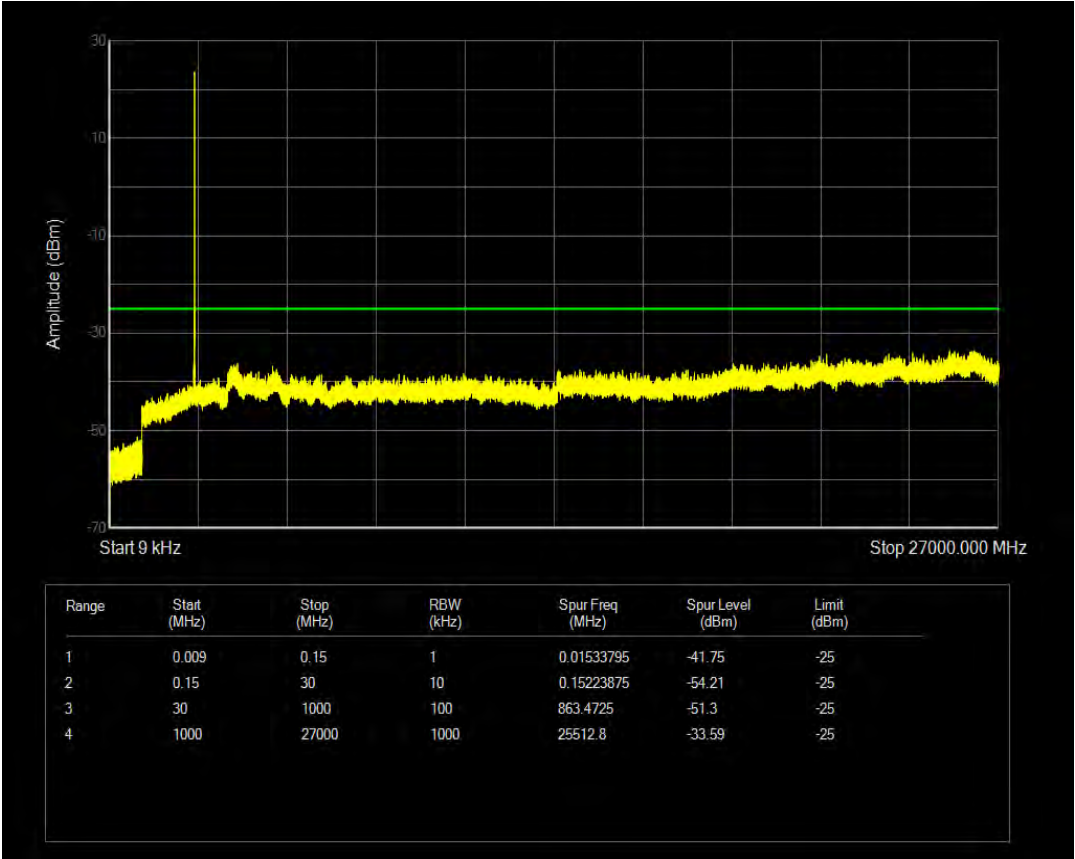
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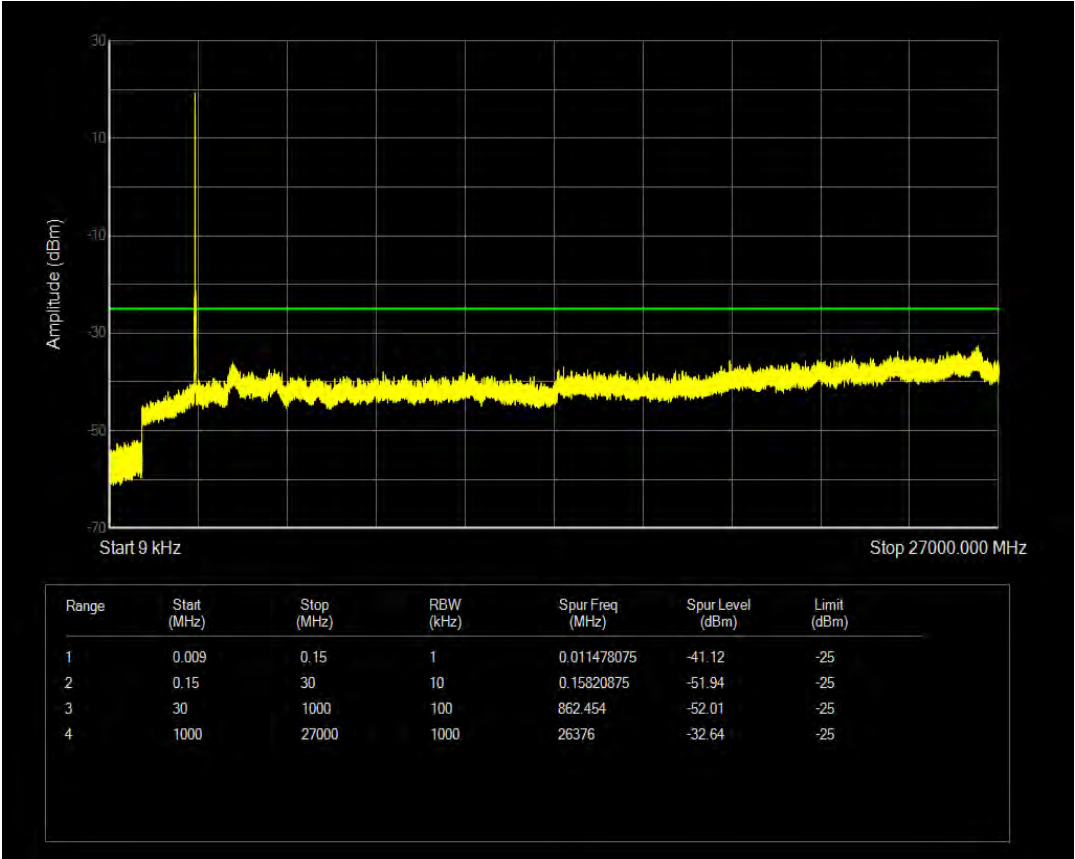
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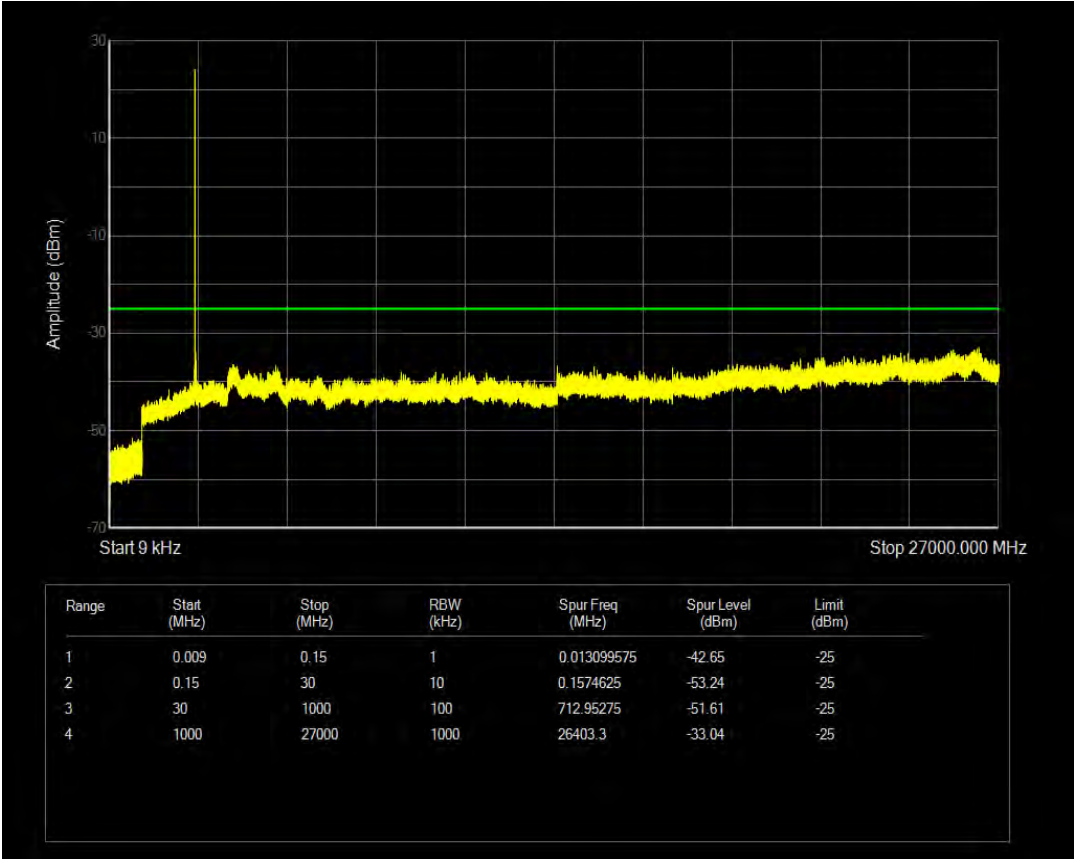
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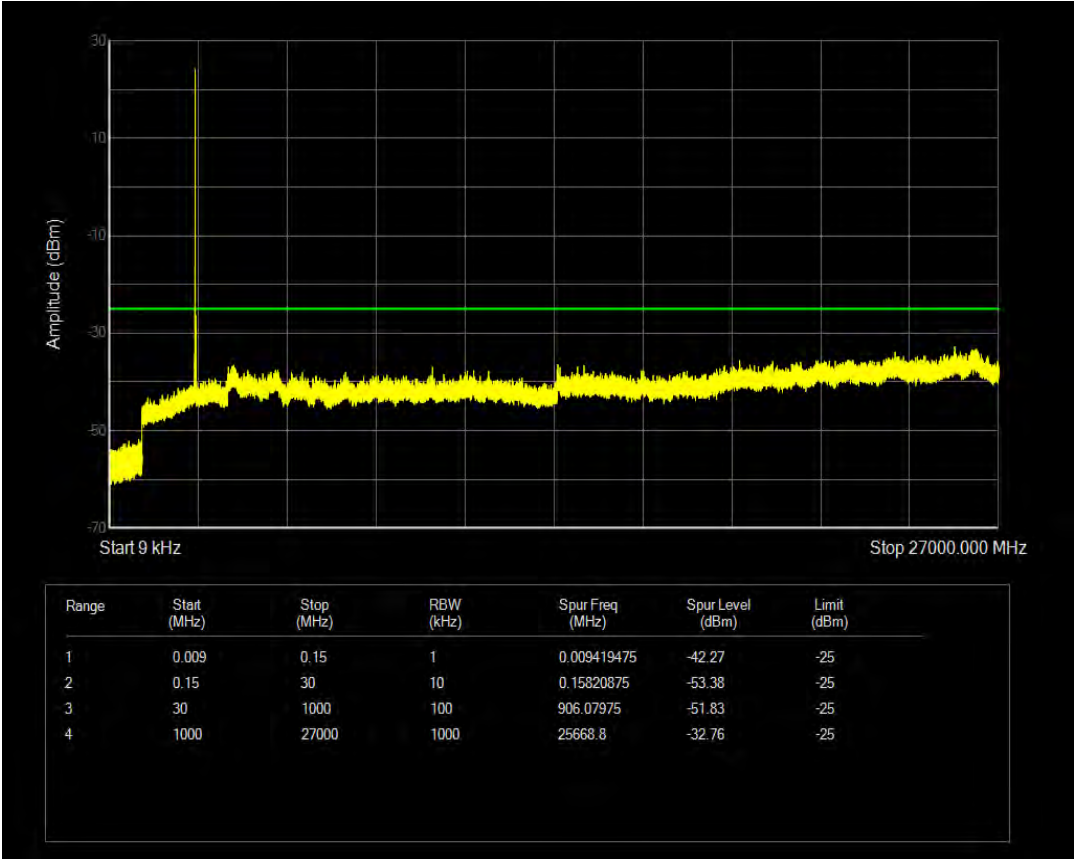
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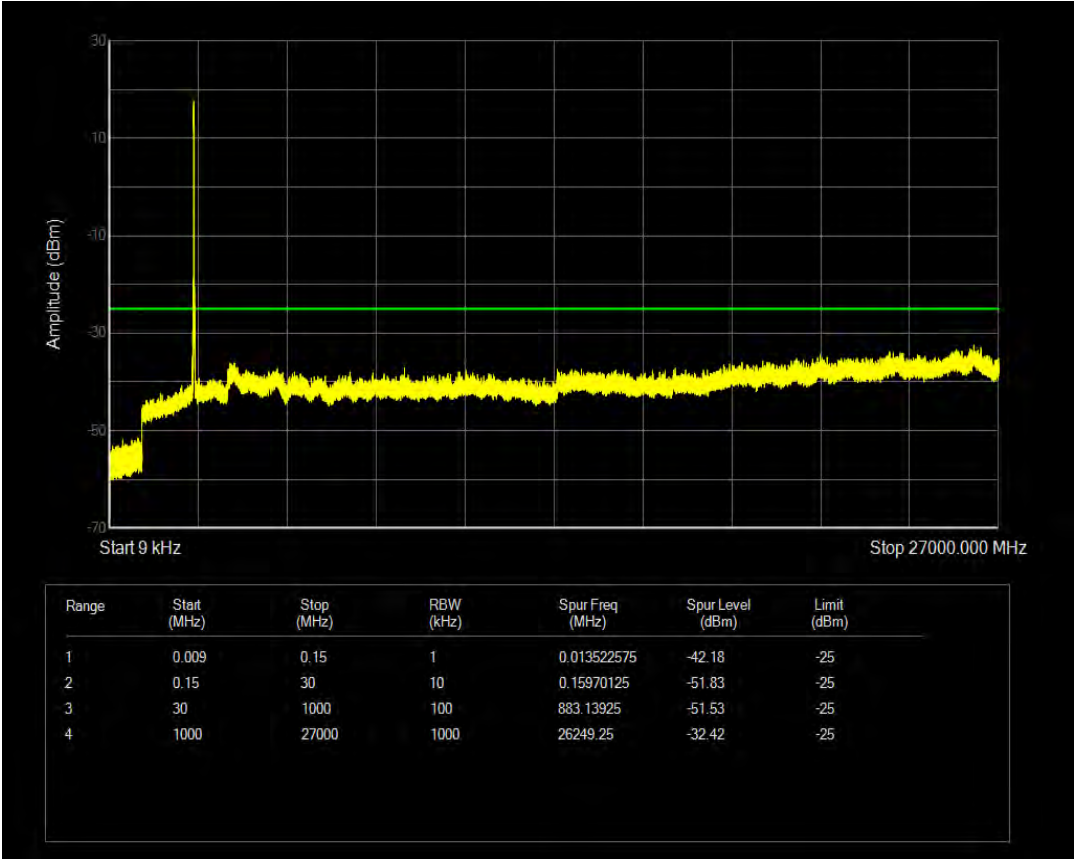
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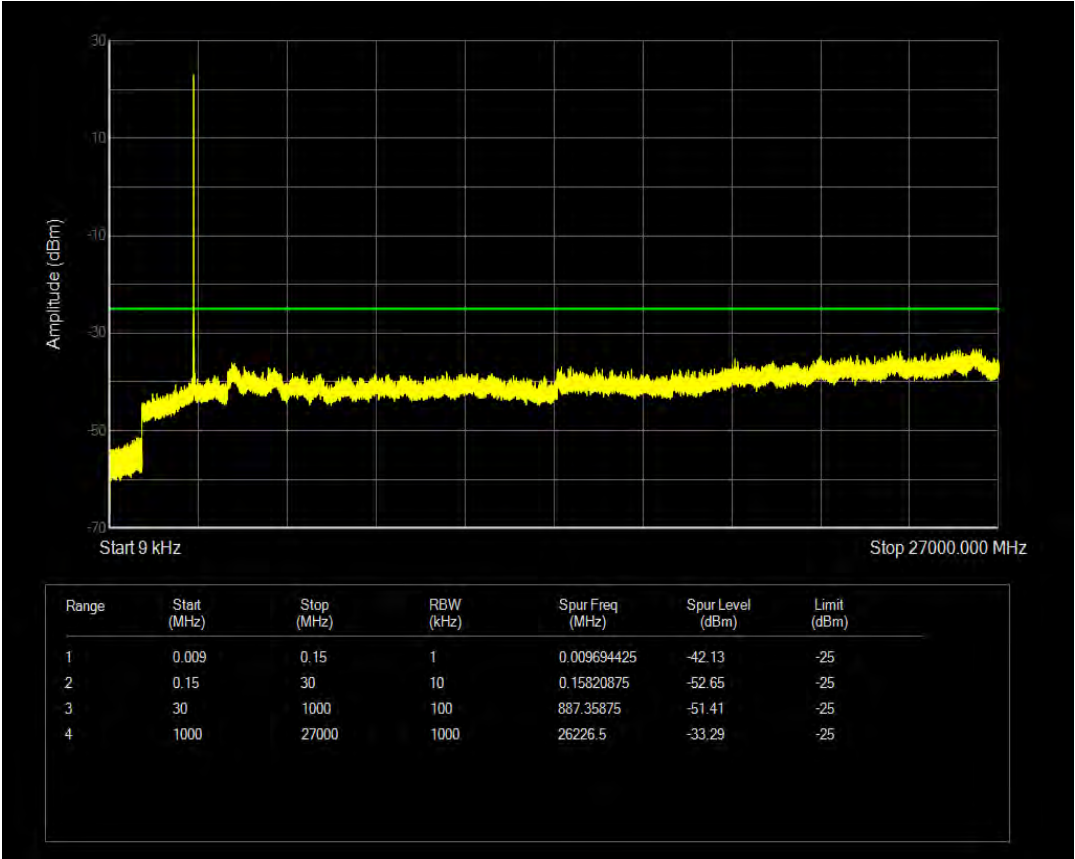
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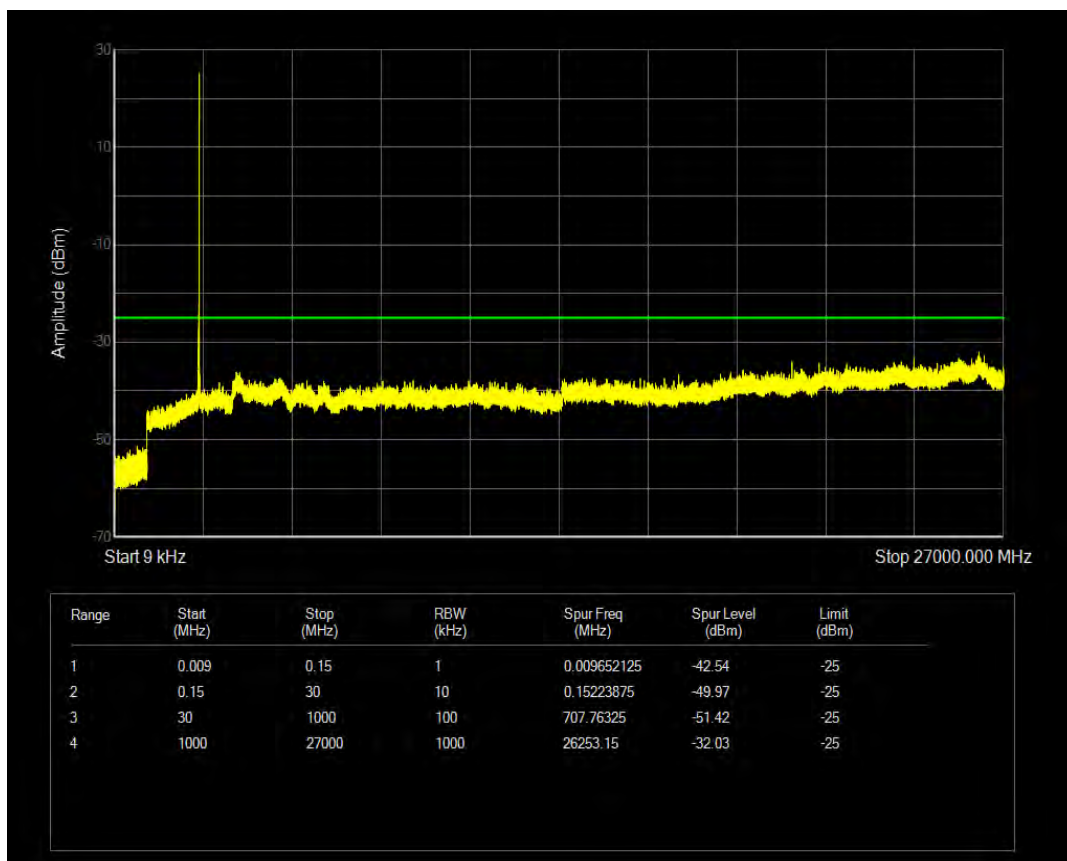
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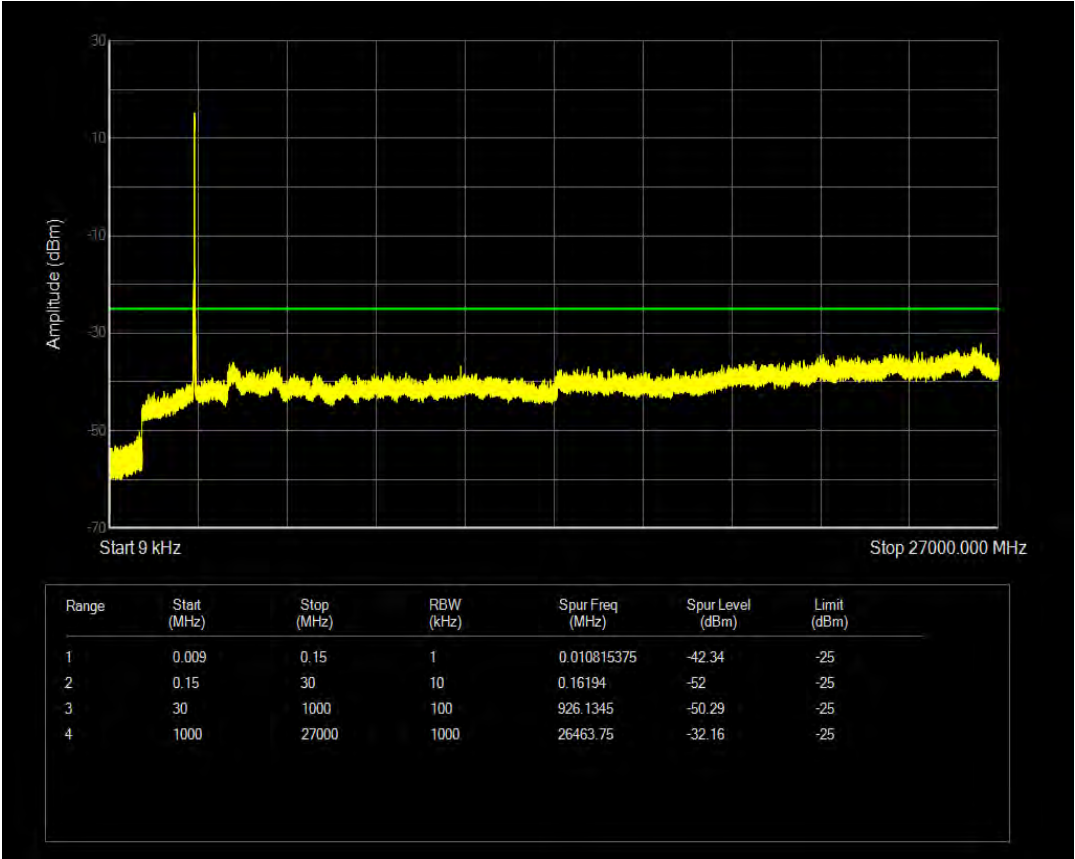
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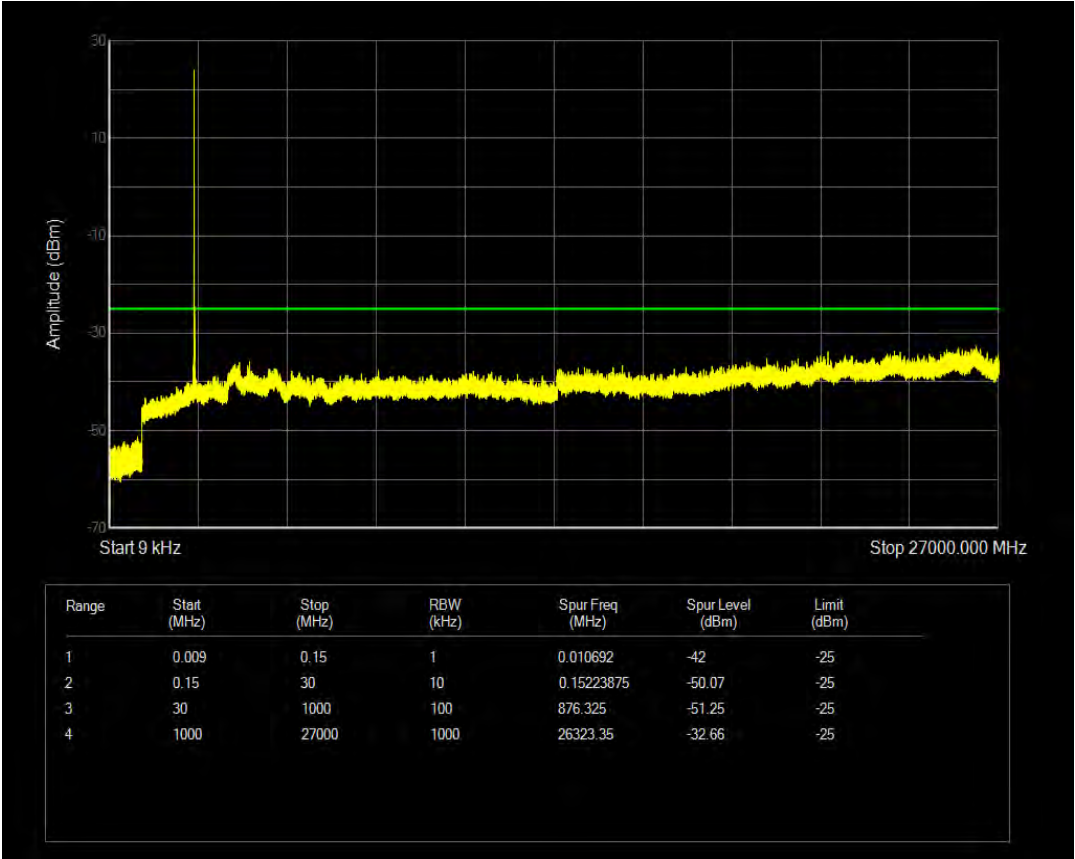
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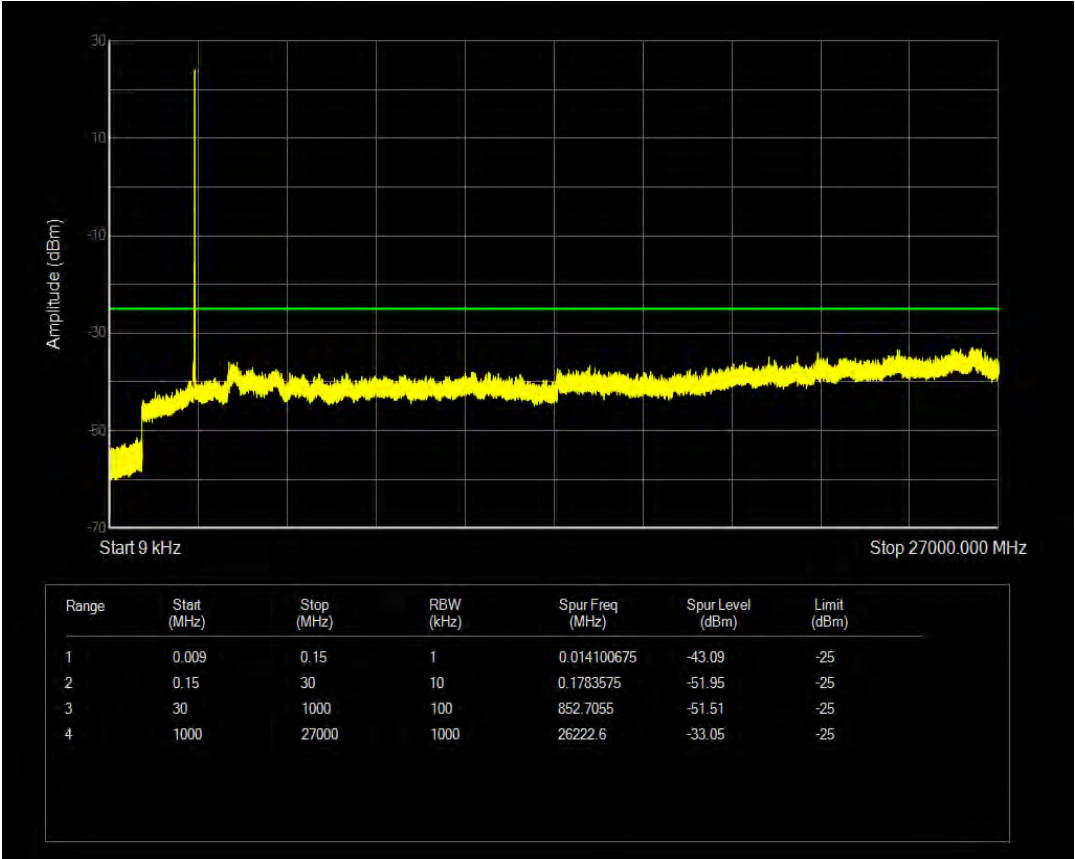
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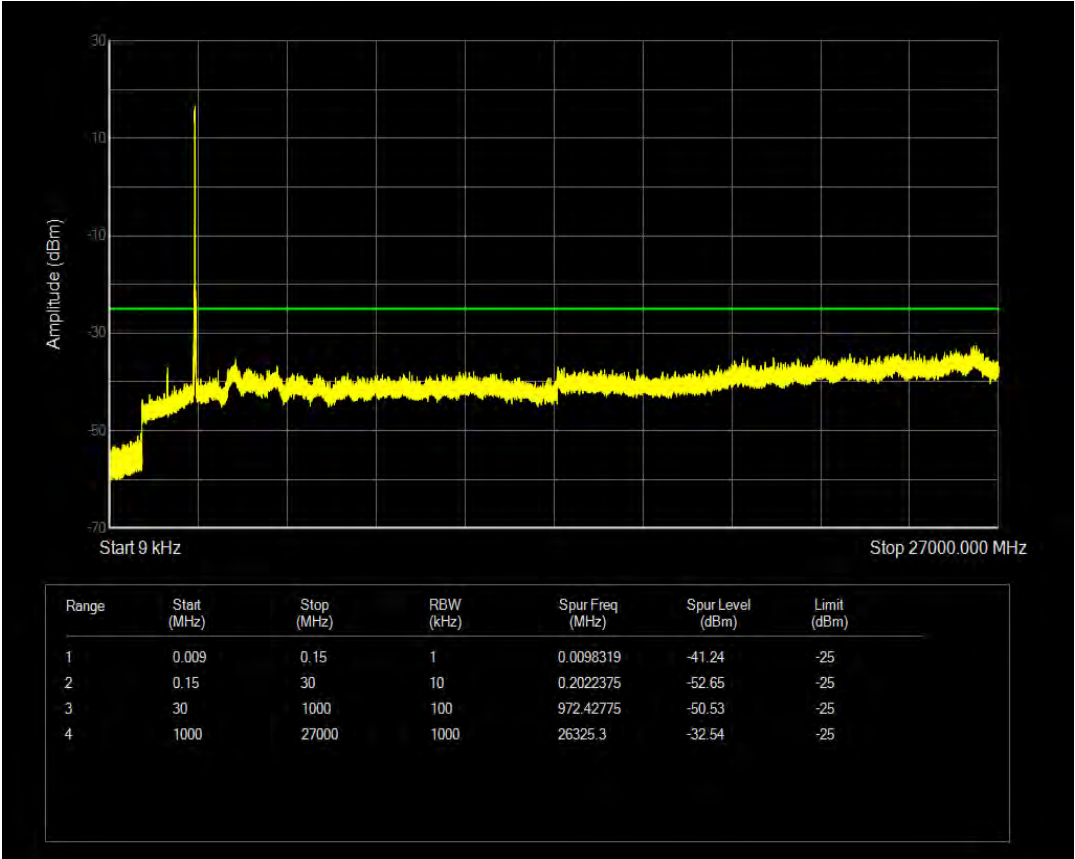
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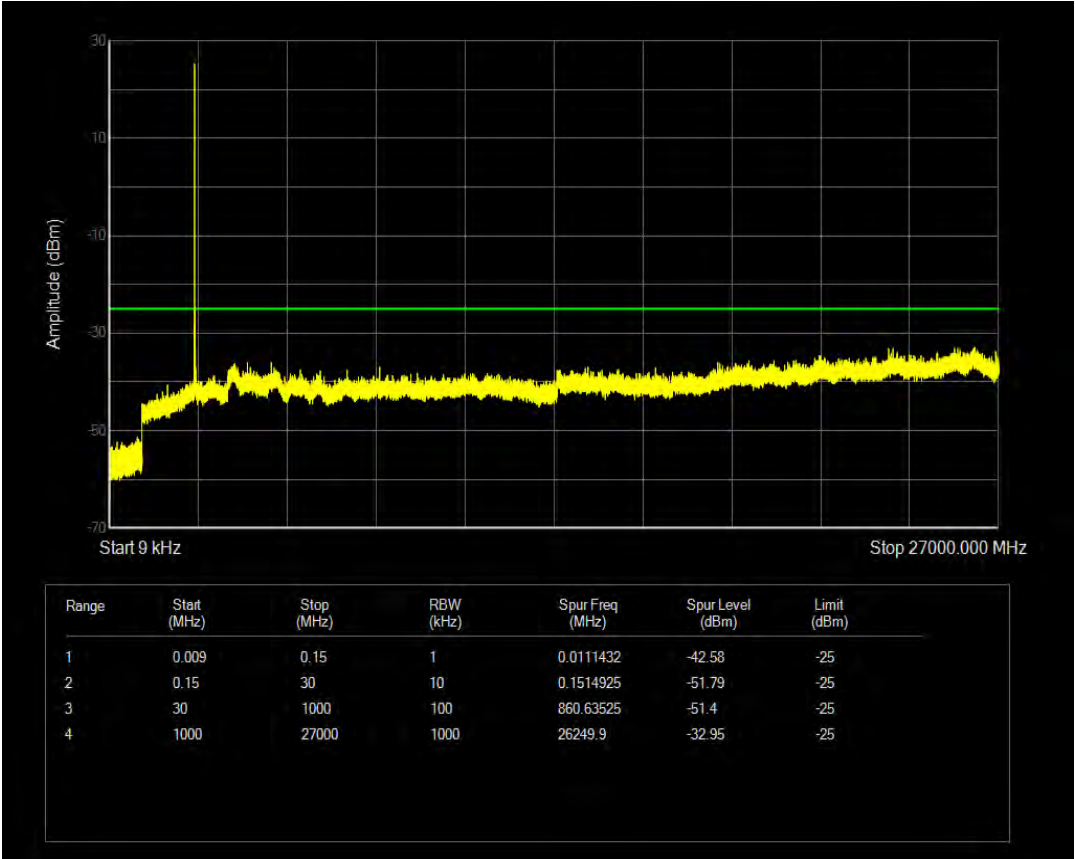
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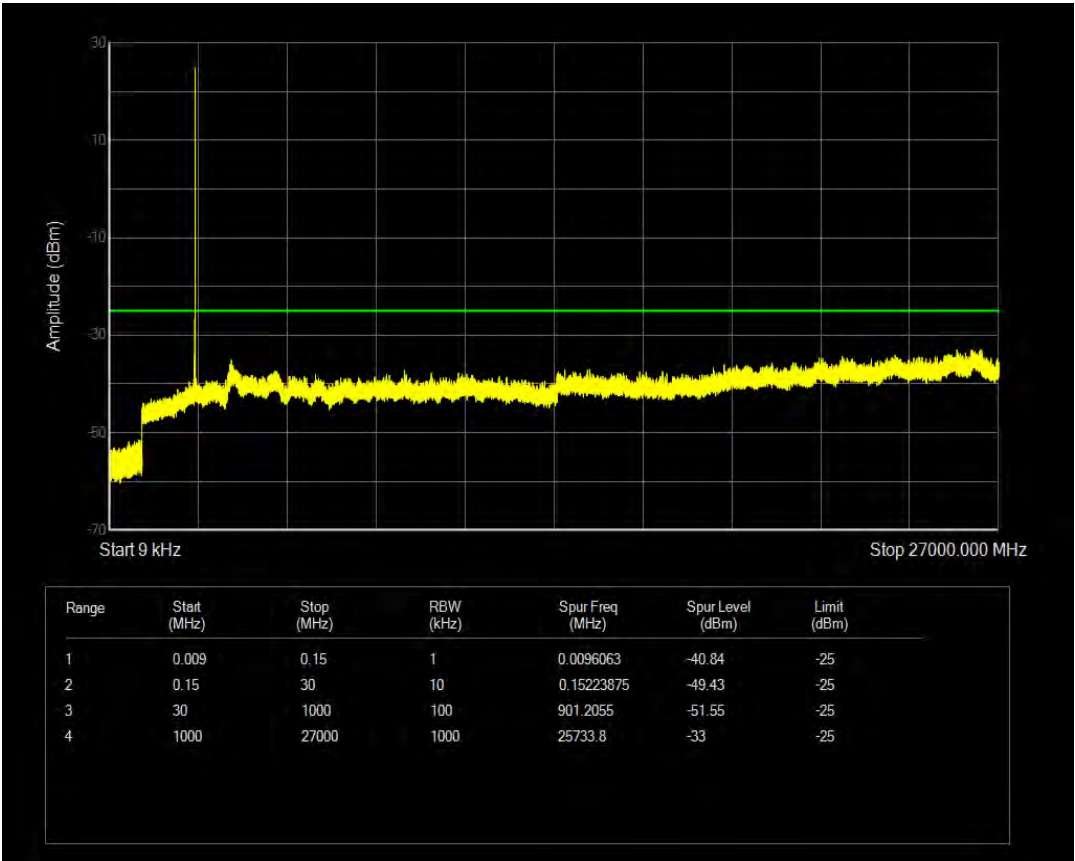
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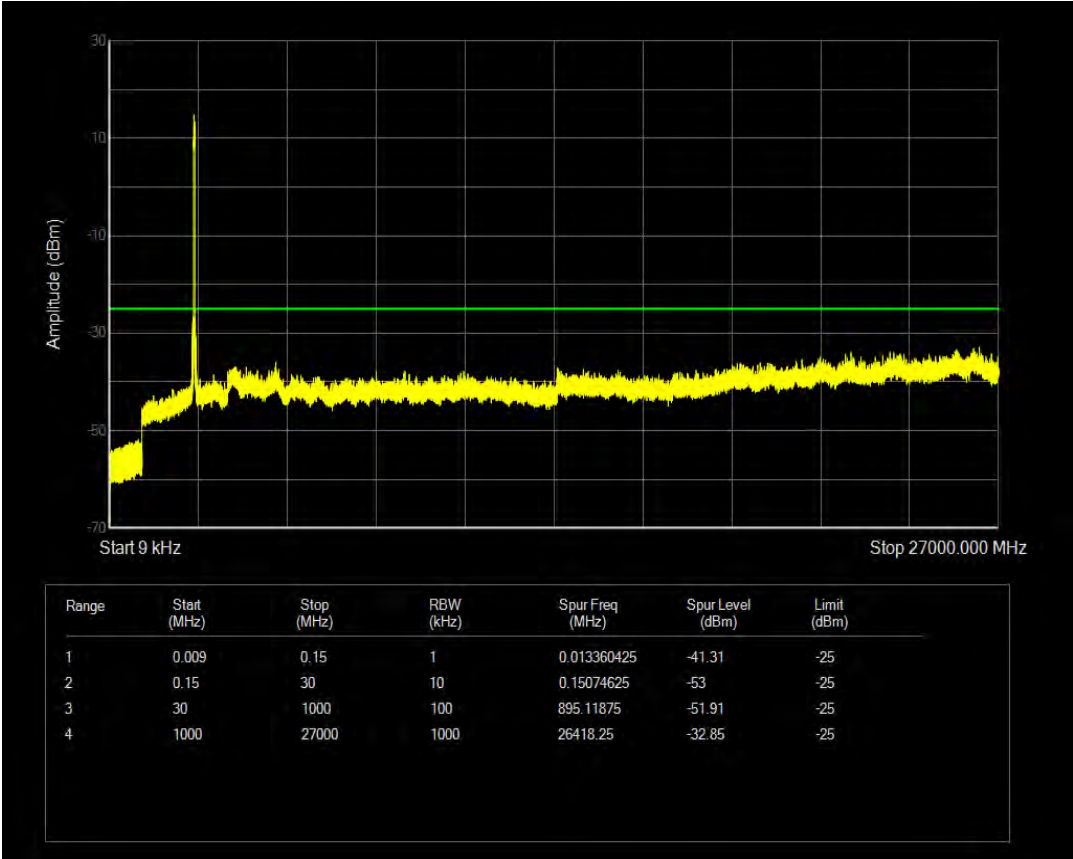
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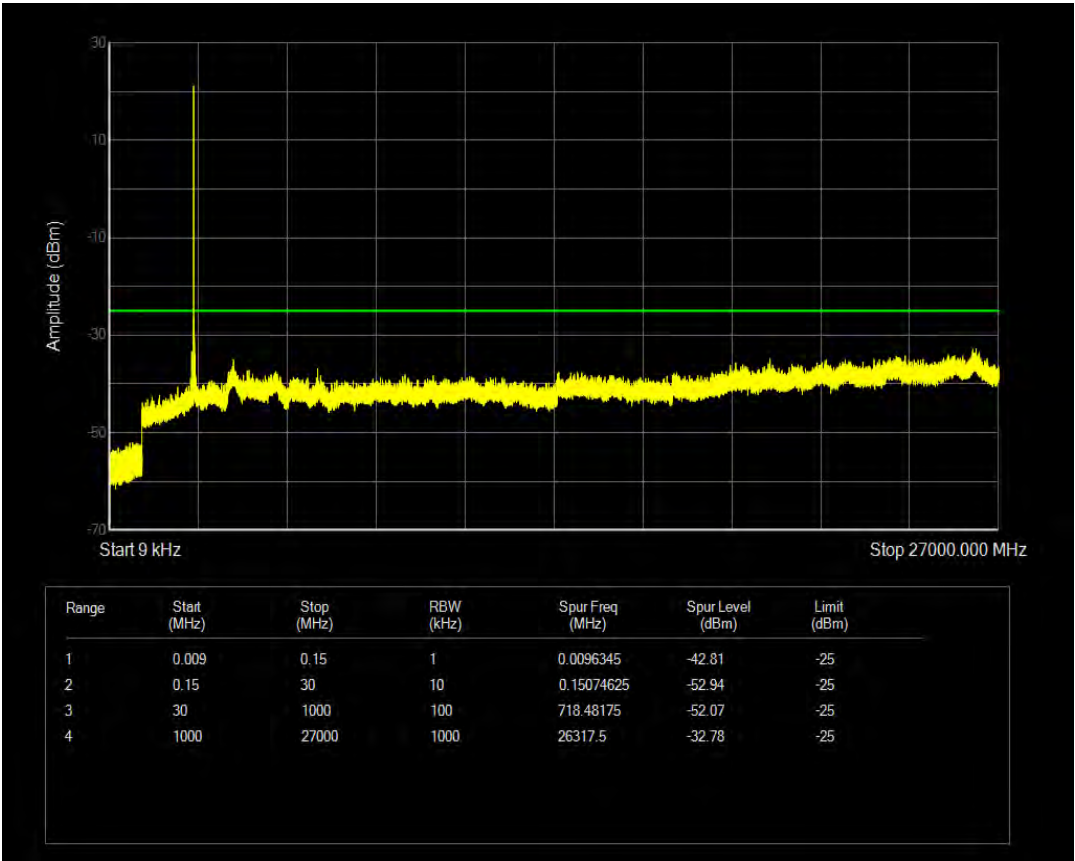
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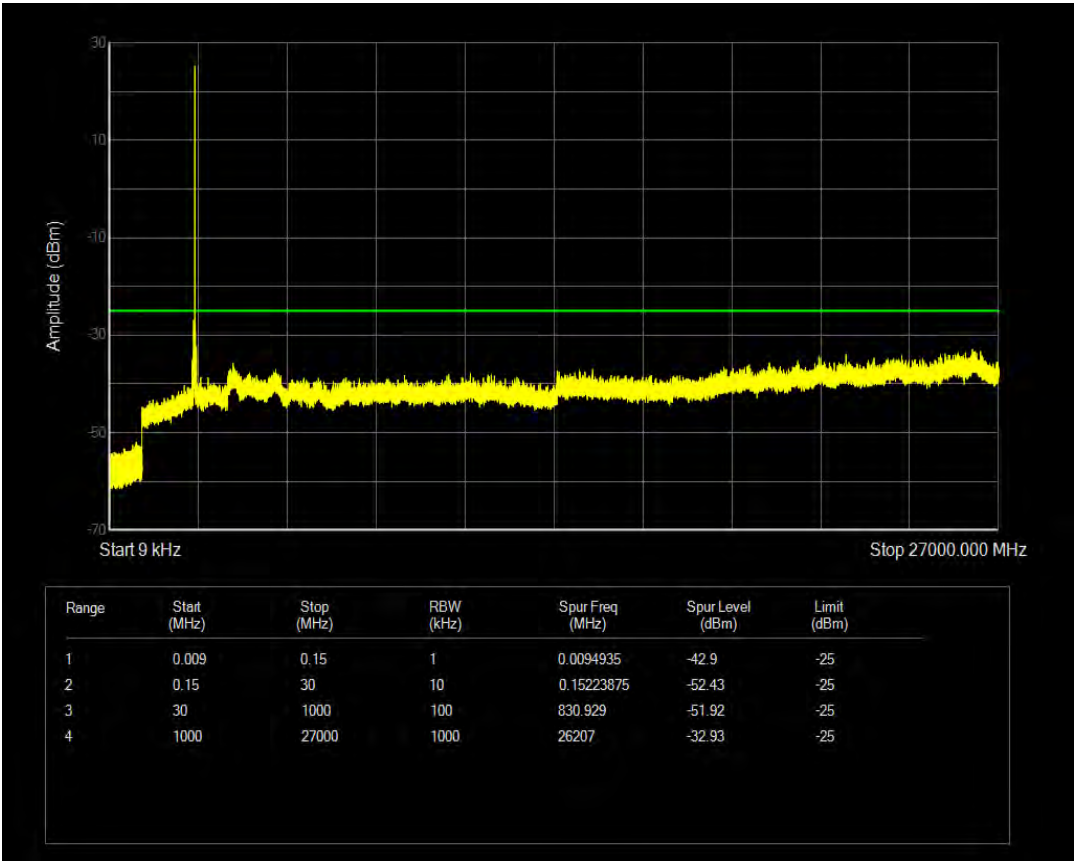
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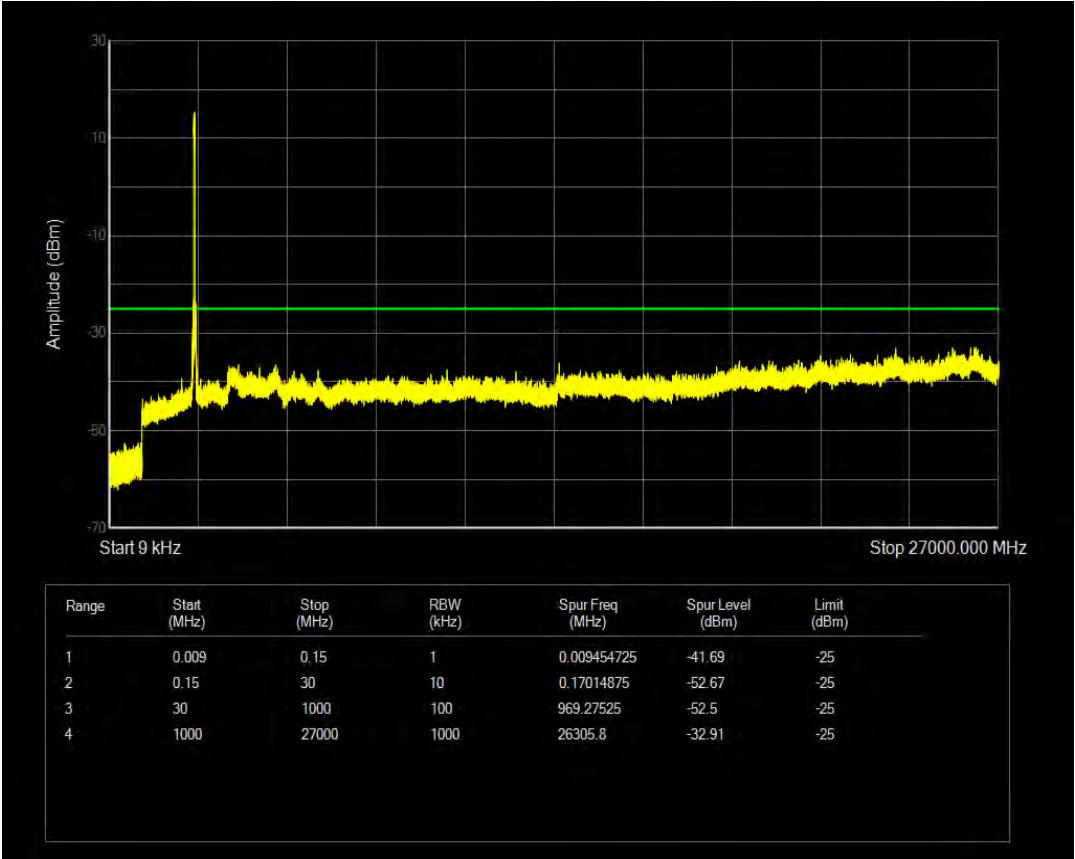
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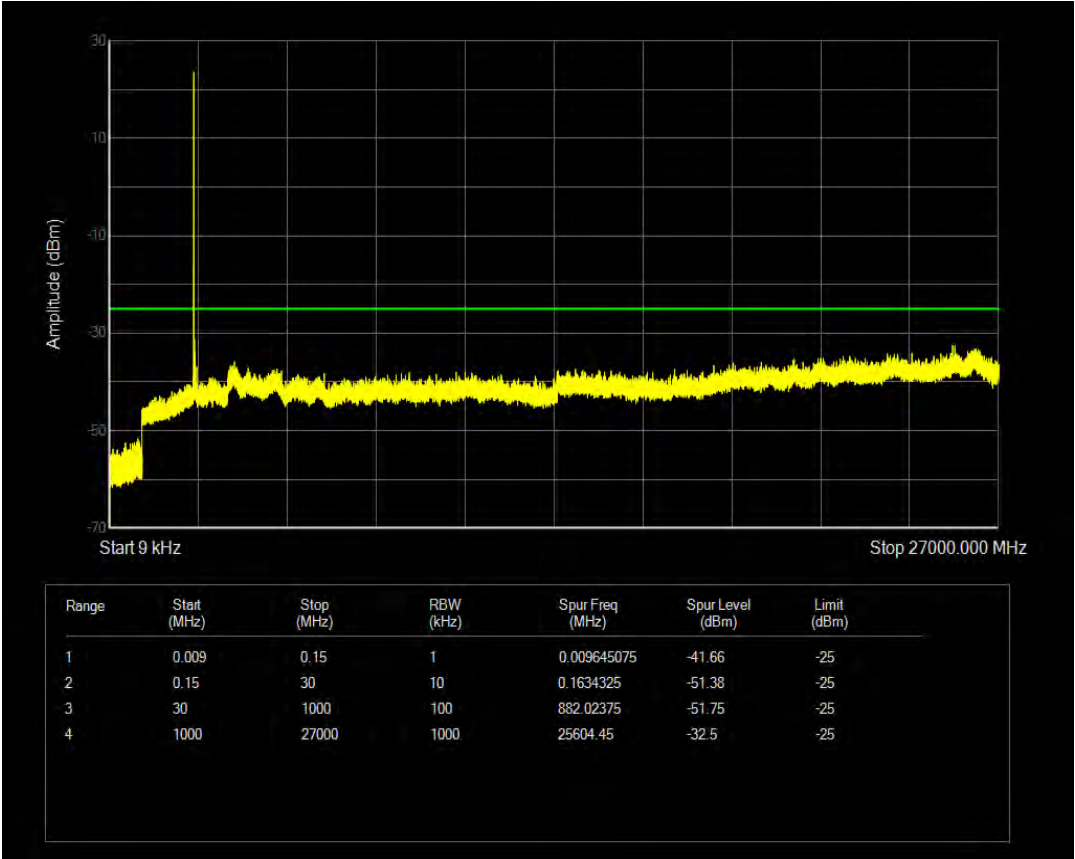
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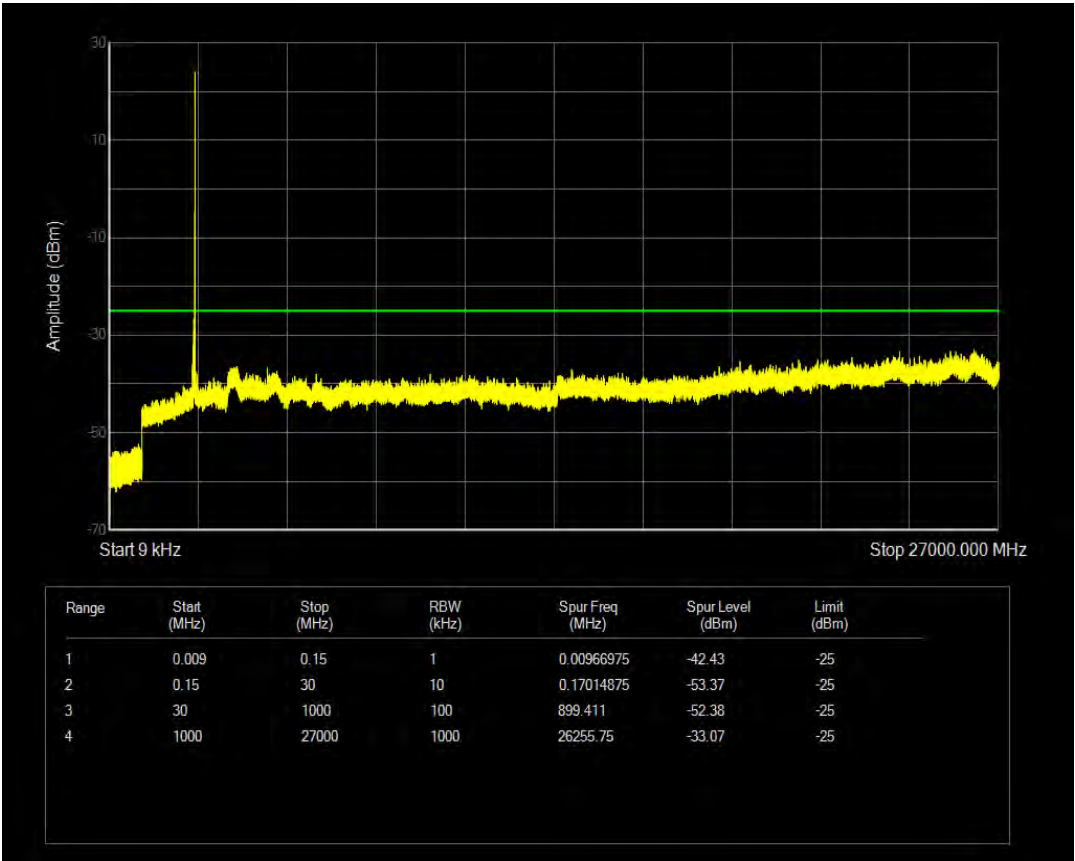
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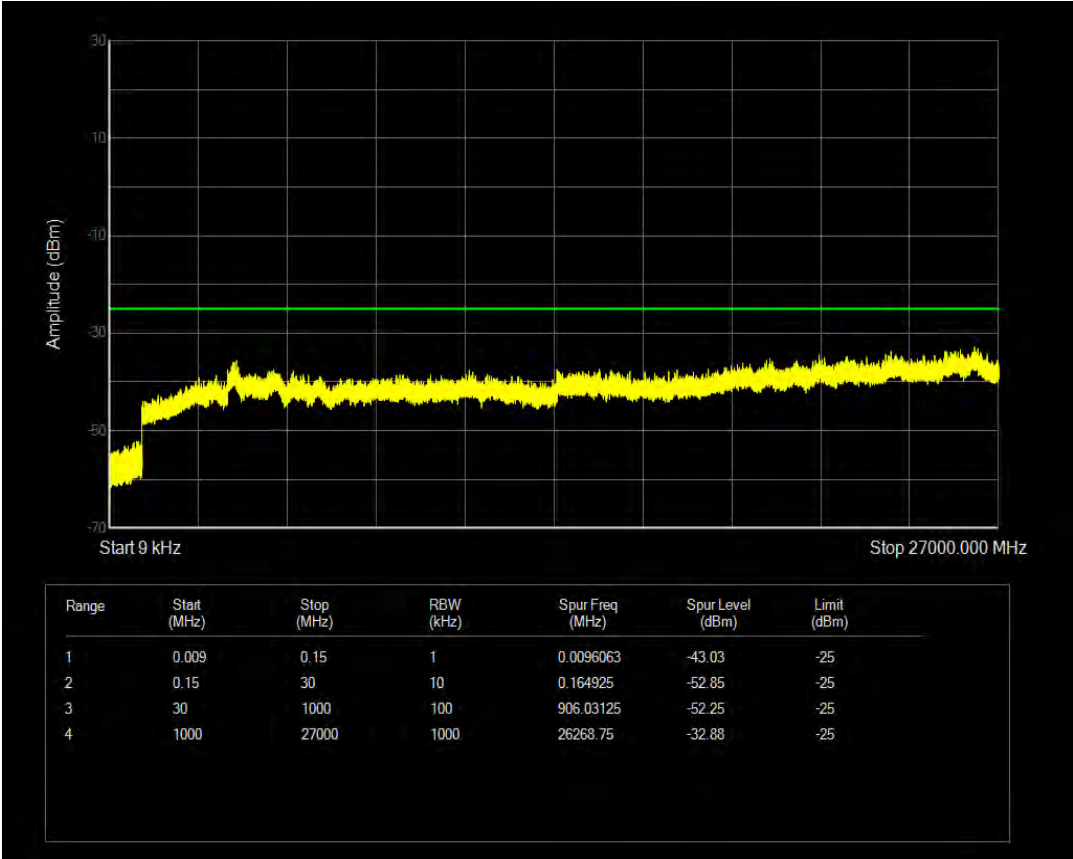
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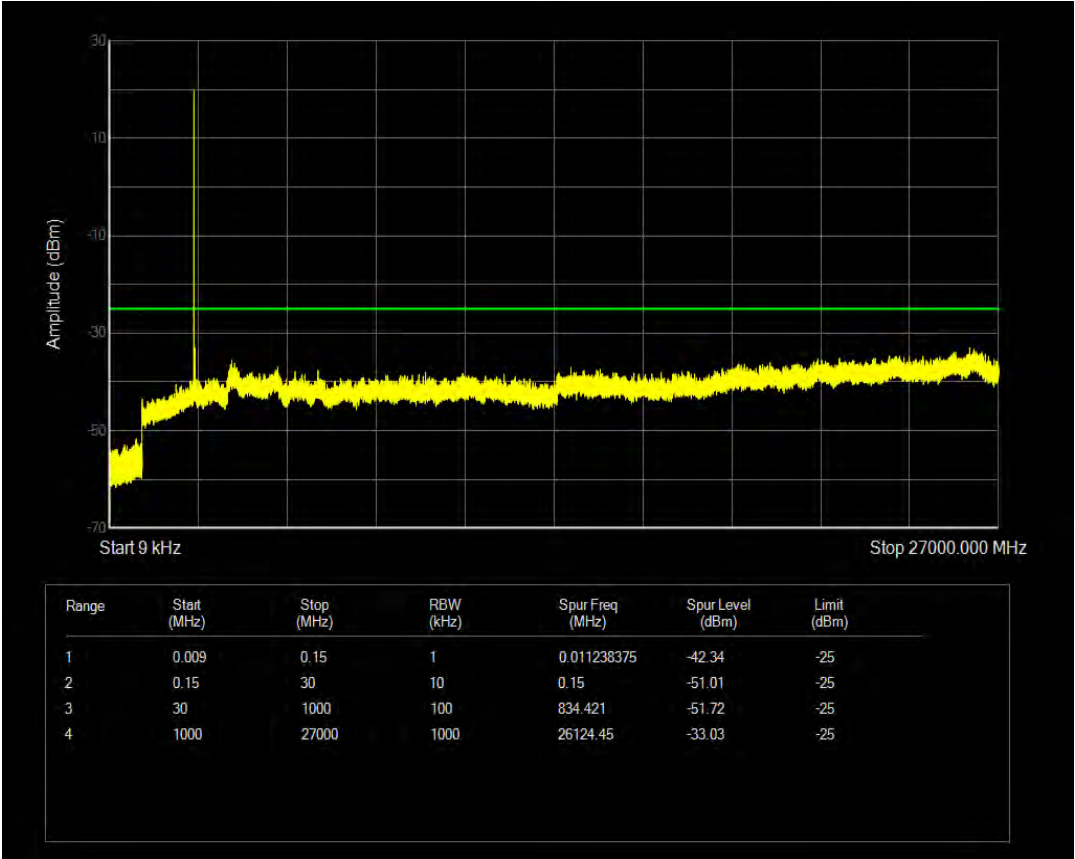
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n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=100@0



n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1@0



n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1@105

