

## 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) | ERP<br>(dBm) | ERP Limit<br>(dBm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|----------------|---------------|--------------|--------------------|---------|
| n12  | 15           | 5                  | 140300        | 12@6             | DFT_BPSK   | 23.63          | -1.9          | 19.58        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | DFT_BPSK   | 23.65          | -1.9          | 19.60        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | DFT_BPSK   | 23.60          | -1.9          | 19.55        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 12@6             | DFT_QPSK   | 23.63          | -1.9          | 19.58        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | DFT_QPSK   | 23.55          | -1.9          | 19.50        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | DFT_QPSK   | 23.47          | -1.9          | 19.42        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 12@6             | DFT_QAM16  | 22.62          | -1.9          | 18.57        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | DFT_QAM16  | 22.75          | -1.9          | 18.70        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | DFT_QAM16  | 22.68          | -1.9          | 18.63        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 12@6             | DFT_QAM64  | 21.15          | -1.9          | 17.10        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | DFT_QAM64  | 21.13          | -1.9          | 17.08        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | DFT_QAM64  | 21.06          | -1.9          | 17.01        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 12@6             | DFT_QAM256 | 19.21          | -1.9          | 15.16        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | DFT_QAM256 | 19.38          | -1.9          | 15.33        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | DFT_QAM256 | 19.34          | -1.9          | 15.29        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 13@6             | CP_QPSK    | 22.02          | -1.9          | 17.97        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | CP_QPSK    | 22.30          | -1.9          | 18.25        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | CP_QPSK    | 22.24          | -1.9          | 18.19        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 13@6             | CP_QAM16   | 21.63          | -1.9          | 17.58        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | CP_QAM16   | 21.88          | -1.9          | 17.83        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | CP_QAM16   | 21.62          | -1.9          | 17.57        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 13@6             | CP_QAM64   | 20.16          | -1.9          | 16.11        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | CP_QAM64   | 19.90          | -1.9          | 15.85        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | CP_QAM64   | 19.93          | -1.9          | 15.88        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 13@6             | CP_QAM256  | 17.16          | -1.9          | 13.11        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@1              | CP_QAM256  | 17.70          | -1.9          | 13.65        | 34.77              | PASS    |
| n12  | 15           | 5                  | 140300        | 1@23             | CP_QAM256  | 17.65          | -1.9          | 13.60        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 12@6             | DFT_BPSK   | 23.65          | -1.9          | 19.60        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 1@1              | DFT_BPSK   | 23.65          | -1.9          | 19.60        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 1@23             | DFT_BPSK   | 23.57          | -1.9          | 19.52        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 12@6             | DFT_QPSK   | 23.52          | -1.9          | 19.47        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 1@1              | DFT_QPSK   | 23.52          | -1.9          | 19.47        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 1@23             | DFT_QPSK   | 23.43          | -1.9          | 19.38        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 12@6             | DFT_QAM16  | 22.57          | -1.9          | 18.52        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 1@1              | DFT_QAM16  | 22.66          | -1.9          | 18.61        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 1@23             | DFT_QAM16  | 22.66          | -1.9          | 18.61        | 34.77              | PASS    |
| n12  | 15           | 5                  | 141500        | 12@6             | DFT_QAM64  | 21.26          | -1.9          | 17.21        | 34.77              | PASS    |

|     |    |   |        |      |            |       |      |       |       |      |
|-----|----|---|--------|------|------------|-------|------|-------|-------|------|
| n12 | 15 | 5 | 141500 | 1@1  | DFT_QAM64  | 21.26 | -1.9 | 17.21 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@23 | DFT_QAM64  | 20.98 | -1.9 | 16.93 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 12@6 | DFT_QAM256 | 19.16 | -1.9 | 15.11 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@1  | DFT_QAM256 | 19.55 | -1.9 | 15.50 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@23 | DFT_QAM256 | 19.50 | -1.9 | 15.45 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 13@6 | CP_QPSK    | 22.16 | -1.9 | 18.11 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@1  | CP_QPSK    | 22.17 | -1.9 | 18.12 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@23 | CP_QPSK    | 22.03 | -1.9 | 17.98 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 13@6 | CP_QAM16   | 21.68 | -1.9 | 17.63 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@1  | CP_QAM16   | 21.96 | -1.9 | 17.91 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@23 | CP_QAM16   | 21.82 | -1.9 | 17.77 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 13@6 | CP_QAM64   | 20.21 | -1.9 | 16.16 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@1  | CP_QAM64   | 19.85 | -1.9 | 15.80 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@23 | CP_QAM64   | 20.15 | -1.9 | 16.10 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 13@6 | CP_QAM256  | 17.22 | -1.9 | 13.17 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@1  | CP_QAM256  | 17.62 | -1.9 | 13.57 | 34.77 | PASS |
| n12 | 15 | 5 | 141500 | 1@23 | CP_QAM256  | 17.32 | -1.9 | 13.27 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 12@6 | DFT_BPSK   | 23.43 | -1.9 | 19.38 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | DFT_BPSK   | 23.55 | -1.9 | 19.50 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | DFT_BPSK   | 23.46 | -1.9 | 19.41 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 12@6 | DFT_QPSK   | 23.51 | -1.9 | 19.46 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | DFT_QPSK   | 23.38 | -1.9 | 19.33 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | DFT_QPSK   | 23.26 | -1.9 | 19.21 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 12@6 | DFT_QAM16  | 22.56 | -1.9 | 18.51 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | DFT_QAM16  | 22.80 | -1.9 | 18.75 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | DFT_QAM16  | 22.60 | -1.9 | 18.55 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 12@6 | DFT_QAM64  | 21.03 | -1.9 | 16.98 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | DFT_QAM64  | 21.56 | -1.9 | 17.51 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | DFT_QAM64  | 21.10 | -1.9 | 17.05 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 12@6 | DFT_QAM256 | 19.11 | -1.9 | 15.06 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | DFT_QAM256 | 19.25 | -1.9 | 15.20 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | DFT_QAM256 | 19.26 | -1.9 | 15.21 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 13@6 | CP_QPSK    | 21.93 | -1.9 | 17.88 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | CP_QPSK    | 22.24 | -1.9 | 18.19 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | CP_QPSK    | 22.06 | -1.9 | 18.01 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 13@6 | CP_QAM16   | 21.51 | -1.9 | 17.46 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | CP_QAM16   | 21.59 | -1.9 | 17.54 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | CP_QAM16   | 21.33 | -1.9 | 17.28 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 13@6 | CP_QAM64   | 20.06 | -1.9 | 16.01 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | CP_QAM64   | 19.98 | -1.9 | 15.93 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | CP_QAM64   | 19.83 | -1.9 | 15.78 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 13@6 | CP_QAM256  | 17.00 | -1.9 | 12.95 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@1  | CP_QAM256  | 17.41 | -1.9 | 13.36 | 34.77 | PASS |
| n12 | 15 | 5 | 142700 | 1@23 | CP_QAM256  | 17.16 | -1.9 | 13.11 | 34.77 | PASS |

|     |    |    |        |       |            |       |      |       |       |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|
| n12 | 15 | 10 | 140800 | 25@12 | DFT_BPSK   | 23.65 | -1.9 | 19.60 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_BPSK   | 23.65 | -1.9 | 19.60 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_BPSK   | 23.56 | -1.9 | 19.51 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_QPSK   | 23.61 | -1.9 | 19.56 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_QPSK   | 23.51 | -1.9 | 19.46 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_QPSK   | 23.36 | -1.9 | 19.31 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_QAM16  | 22.64 | -1.9 | 18.59 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_QAM16  | 22.90 | -1.9 | 18.85 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_QAM16  | 22.60 | -1.9 | 18.55 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_QAM64  | 21.23 | -1.9 | 17.18 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_QAM64  | 21.52 | -1.9 | 17.47 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_QAM64  | 21.55 | -1.9 | 17.50 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_QAM256 | 19.10 | -1.9 | 15.05 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_QAM256 | 19.38 | -1.9 | 15.33 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_QAM256 | 19.34 | -1.9 | 15.29 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 26@13 | CP_QPSK    | 22.17 | -1.9 | 18.12 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | CP_QPSK    | 22.31 | -1.9 | 18.26 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | CP_QPSK    | 22.25 | -1.9 | 18.20 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 26@13 | CP_QAM16   | 21.58 | -1.9 | 17.53 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | CP_QAM16   | 21.55 | -1.9 | 17.50 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | CP_QAM16   | 21.63 | -1.9 | 17.58 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 26@13 | CP_QAM64   | 20.09 | -1.9 | 16.04 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | CP_QAM64   | 19.91 | -1.9 | 15.86 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | CP_QAM64   | 19.89 | -1.9 | 15.84 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 26@13 | CP_QAM256  | 17.15 | -1.9 | 13.10 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | CP_QAM256  | 17.45 | -1.9 | 13.40 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | CP_QAM256  | 17.47 | -1.9 | 13.42 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_BPSK   | 23.58 | -1.9 | 19.53 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_BPSK   | 23.59 | -1.9 | 19.54 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_BPSK   | 23.54 | -1.9 | 19.49 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_QPSK   | 23.59 | -1.9 | 19.54 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_QPSK   | 23.46 | -1.9 | 19.41 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_QPSK   | 23.37 | -1.9 | 19.32 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_QAM16  | 22.65 | -1.9 | 18.60 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_QAM16  | 22.86 | -1.9 | 18.81 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_QAM16  | 22.61 | -1.9 | 18.56 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_QAM64  | 21.13 | -1.9 | 17.08 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_QAM64  | 21.06 | -1.9 | 17.01 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_QAM64  | 21.01 | -1.9 | 16.96 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_QAM256 | 19.23 | -1.9 | 15.18 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_QAM256 | 19.31 | -1.9 | 15.26 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_QAM256 | 19.37 | -1.9 | 15.32 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 26@13 | CP_QPSK    | 22.13 | -1.9 | 18.08 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | CP_QPSK    | 22.23 | -1.9 | 18.18 | 34.77 | PASS |

|     |    |    |        |       |            |       |      |       |       |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|
| n12 | 15 | 10 | 141500 | 1@50  | CP_QPSK    | 22.19 | -1.9 | 18.14 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 26@13 | CP_QAM16   | 21.53 | -1.9 | 17.48 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | CP_QAM16   | 21.70 | -1.9 | 17.65 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | CP_QAM16   | 21.67 | -1.9 | 17.62 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 26@13 | CP_QAM64   | 20.12 | -1.9 | 16.07 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | CP_QAM64   | 19.99 | -1.9 | 15.94 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | CP_QAM64   | 19.82 | -1.9 | 15.77 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 26@13 | CP_QAM256  | 17.17 | -1.9 | 13.12 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | CP_QAM256  | 17.59 | -1.9 | 13.54 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | CP_QAM256  | 17.29 | -1.9 | 13.24 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_BPSK   | 23.57 | -1.9 | 19.52 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_BPSK   | 23.50 | -1.9 | 19.45 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_BPSK   | 23.39 | -1.9 | 19.34 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_QPSK   | 23.56 | -1.9 | 19.51 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_QPSK   | 23.44 | -1.9 | 19.39 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_QPSK   | 23.27 | -1.9 | 19.22 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_QAM16  | 22.52 | -1.9 | 18.47 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_QAM16  | 22.67 | -1.9 | 18.62 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_QAM16  | 22.34 | -1.9 | 18.29 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_QAM64  | 21.05 | -1.9 | 17.00 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_QAM64  | 21.43 | -1.9 | 17.38 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_QAM64  | 21.12 | -1.9 | 17.07 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_QAM256 | 19.07 | -1.9 | 15.02 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_QAM256 | 19.28 | -1.9 | 15.23 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_QAM256 | 19.16 | -1.9 | 15.11 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 26@13 | CP_QPSK    | 22.06 | -1.9 | 18.01 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | CP_QPSK    | 22.25 | -1.9 | 18.20 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | CP_QPSK    | 21.98 | -1.9 | 17.93 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 26@13 | CP_QAM16   | 21.45 | -1.9 | 17.40 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | CP_QAM16   | 21.79 | -1.9 | 17.74 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | CP_QAM16   | 21.47 | -1.9 | 17.42 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 26@13 | CP_QAM64   | 20.17 | -1.9 | 16.12 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | CP_QAM64   | 19.82 | -1.9 | 15.77 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | CP_QAM64   | 19.85 | -1.9 | 15.80 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 26@13 | CP_QAM256  | 17.09 | -1.9 | 13.04 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | CP_QAM256  | 17.34 | -1.9 | 13.29 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | CP_QAM256  | 17.24 | -1.9 | 13.19 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_BPSK   | 23.61 | -1.9 | 19.56 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_BPSK   | 23.58 | -1.9 | 19.53 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_BPSK   | 23.36 | -1.9 | 19.31 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_QPSK   | 23.62 | -1.9 | 19.57 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_QPSK   | 23.40 | -1.9 | 19.35 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_QPSK   | 23.13 | -1.9 | 19.08 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_QAM16  | 22.52 | -1.9 | 18.47 | 34.77 | PASS |

|     |    |    |        |       |            |       |      |       |       |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|
| n12 | 15 | 15 | 141300 | 1@1   | DFT_QAM16  | 22.61 | -1.9 | 18.56 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_QAM16  | 22.35 | -1.9 | 18.30 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_QAM64  | 21.07 | -1.9 | 17.02 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_QAM64  | 21.24 | -1.9 | 17.19 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_QAM64  | 21.01 | -1.9 | 16.96 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_QAM256 | 19.15 | -1.9 | 15.10 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_QAM256 | 19.39 | -1.9 | 15.34 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_QAM256 | 19.09 | -1.9 | 15.04 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 39@19 | CP_QPSK    | 22.15 | -1.9 | 18.10 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | CP_QPSK    | 22.20 | -1.9 | 18.15 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | CP_QPSK    | 22.07 | -1.9 | 18.02 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 39@19 | CP_QAM16   | 21.58 | -1.9 | 17.53 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | CP_QAM16   | 21.47 | -1.9 | 17.42 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | CP_QAM16   | 21.24 | -1.9 | 17.19 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 39@19 | CP_QAM64   | 20.12 | -1.9 | 16.07 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | CP_QAM64   | 19.83 | -1.9 | 15.78 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | CP_QAM64   | 19.67 | -1.9 | 15.62 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 39@19 | CP_QAM256  | 17.02 | -1.9 | 12.97 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | CP_QAM256  | 17.47 | -1.9 | 13.42 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | CP_QAM256  | 17.14 | -1.9 | 13.09 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_BPSK   | 23.56 | -1.9 | 19.51 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_BPSK   | 23.49 | -1.9 | 19.44 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_BPSK   | 23.35 | -1.9 | 19.30 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_QPSK   | 23.58 | -1.9 | 19.53 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_QPSK   | 23.31 | -1.9 | 19.26 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_QPSK   | 23.17 | -1.9 | 19.12 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_QAM16  | 22.54 | -1.9 | 18.49 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_QAM16  | 22.60 | -1.9 | 18.55 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_QAM16  | 22.38 | -1.9 | 18.33 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_QAM64  | 21.14 | -1.9 | 17.09 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_QAM64  | 21.12 | -1.9 | 17.07 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_QAM64  | 21.07 | -1.9 | 17.02 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_QAM256 | 19.11 | -1.9 | 15.06 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_QAM256 | 19.24 | -1.9 | 15.19 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_QAM256 | 19.10 | -1.9 | 15.05 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 39@19 | CP_QPSK    | 22.04 | -1.9 | 17.99 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | CP_QPSK    | 22.13 | -1.9 | 18.08 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | CP_QPSK    | 21.95 | -1.9 | 17.90 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 39@19 | CP_QAM16   | 21.57 | -1.9 | 17.52 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | CP_QAM16   | 21.74 | -1.9 | 17.69 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | CP_QAM16   | 21.64 | -1.9 | 17.59 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 39@19 | CP_QAM64   | 20.10 | -1.9 | 16.05 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | CP_QAM64   | 20.14 | -1.9 | 16.09 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | CP_QAM64   | 20.02 | -1.9 | 15.97 | 34.77 | PASS |

|     |    |    |        |       |            |       |      |       |       |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|
| n12 | 15 | 15 | 141500 | 39@19 | CP_QAM256  | 17.06 | -1.9 | 13.01 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | CP_QAM256  | 17.55 | -1.9 | 13.50 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | CP_QAM256  | 17.11 | -1.9 | 13.06 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_BPSK   | 23.56 | -1.9 | 19.51 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_BPSK   | 23.39 | -1.9 | 19.34 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_BPSK   | 23.32 | -1.9 | 19.27 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_QPSK   | 23.58 | -1.9 | 19.53 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_QPSK   | 23.27 | -1.9 | 19.22 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_QPSK   | 23.20 | -1.9 | 19.15 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_QAM16  | 22.56 | -1.9 | 18.51 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_QAM16  | 22.63 | -1.9 | 18.58 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_QAM16  | 22.36 | -1.9 | 18.31 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_QAM64  | 21.18 | -1.9 | 17.13 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_QAM64  | 21.19 | -1.9 | 17.14 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_QAM64  | 20.96 | -1.9 | 16.91 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_QAM256 | 19.22 | -1.9 | 15.17 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_QAM256 | 19.43 | -1.9 | 15.38 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_QAM256 | 19.28 | -1.9 | 15.23 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 39@19 | CP_QPSK    | 22.11 | -1.9 | 18.06 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | CP_QPSK    | 22.12 | -1.9 | 18.07 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | CP_QPSK    | 22.02 | -1.9 | 17.97 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 39@19 | CP_QAM16   | 21.61 | -1.9 | 17.56 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | CP_QAM16   | 21.72 | -1.9 | 17.67 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | CP_QAM16   | 21.33 | -1.9 | 17.28 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 39@19 | CP_QAM64   | 20.10 | -1.9 | 16.05 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | CP_QAM64   | 20.09 | -1.9 | 16.04 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | CP_QAM64   | 19.65 | -1.9 | 15.60 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 39@19 | CP_QAM256  | 17.06 | -1.9 | 13.01 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | CP_QAM256  | 17.28 | -1.9 | 13.23 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | CP_QAM256  | 17.07 | -1.9 | 13.02 | 34.77 | 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(H<br>z) | Result<br>(ppm) | Limit (ppm)                                   | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|----------------|-----------------|-----------------------------------------------|---------|
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 3.87             | -2.17          | 0.00            | Within<br>authorized<br>band for 5G<br>NR n12 | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 3.45             | -2.50          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 4.45             | -2.90          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 3.87             | -2.34          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 3.45             | -2.92          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 4.45             | -4.26          | -0.01           |                                               | PASS    |

Note: Only the worst case shown in the report.

NV:

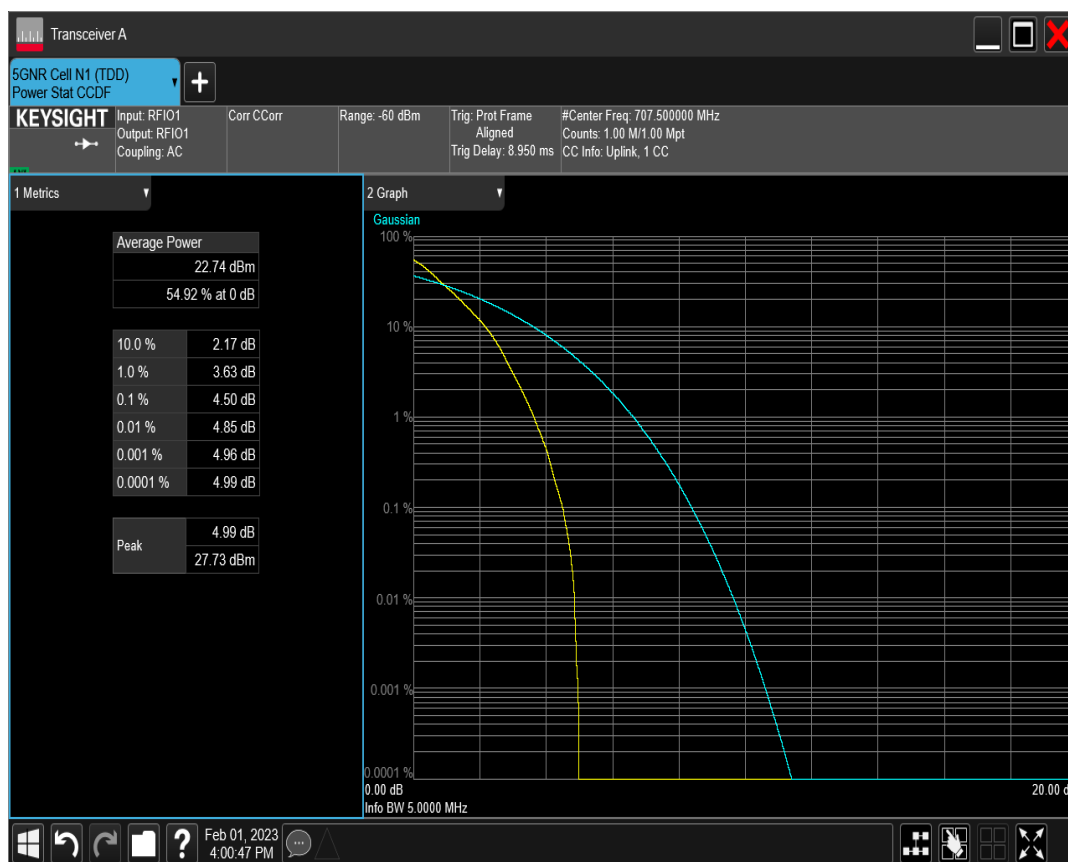
| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Temper<br>ature(°C) | Result(H<br>z) | Result<br>(ppm) | Limit (ppm)                                   | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|---------------------|----------------|-----------------|-----------------------------------------------|---------|
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | -30                 | -3.47          | 0.00            | Within<br>authorized<br>band for 5G<br>NR n12 | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | -20                 | -3.08          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | -10                 | -5.27          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 0                   | -2.44          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 10                  | -3.77          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 20                  | -3.04          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 30                  | -2.22          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 40                  | -1.58          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_BPSK   | 50                  | -4.29          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | -30                 | -6.29          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | -20                 | -3.85          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | -10                 | -4.75          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 0                   | -5.12          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 10                  | -3.05          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 20                  | -1.45          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 30                  | -2.36          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 40                  | -3.82          | 0.00            |                                               | PASS    |
| n12  | 15           | 15                 | 141500        | 50@25            | DFT_QPSK   | 50                  | -5.86          | 0.00            |                                               | PASS    |

Note: Only the worst case shown in the report.

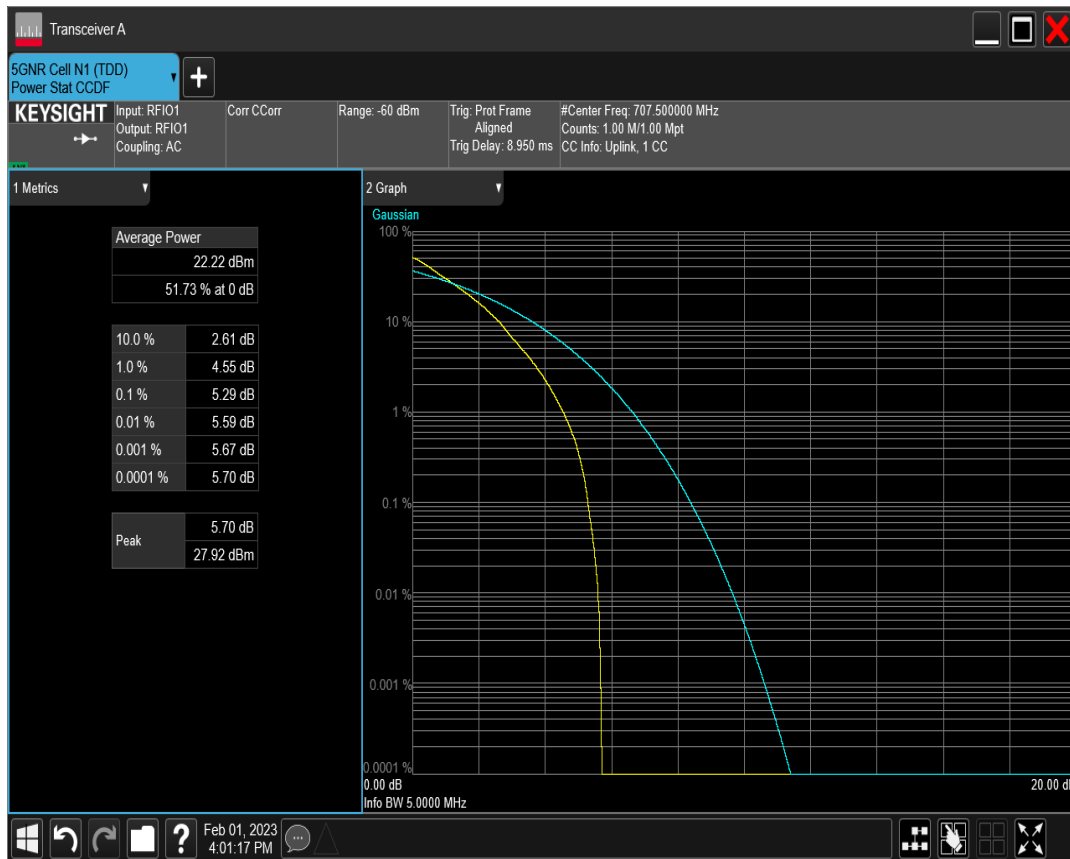
### 3 Peak-to-Average Ratio for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n12  | 15        | 5               | 141500     | 25@0          | DFT_BPSK   | 4.50        | 13              | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QPSK   | 5.29        | 13              | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM16  | 6.26        | 13              | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM64  | 6.39        | 13              | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM256 | 7.03        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_BPSK   | 4.60        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QPSK   | 5.54        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM16  | 6.32        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM64  | 6.44        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM256 | 6.80        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_BPSK   | 4.55        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QPSK   | 5.54        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QAM16  | 6.48        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QAM64  | 6.62        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QAM256 | 7.11        | 13              | PASS    |

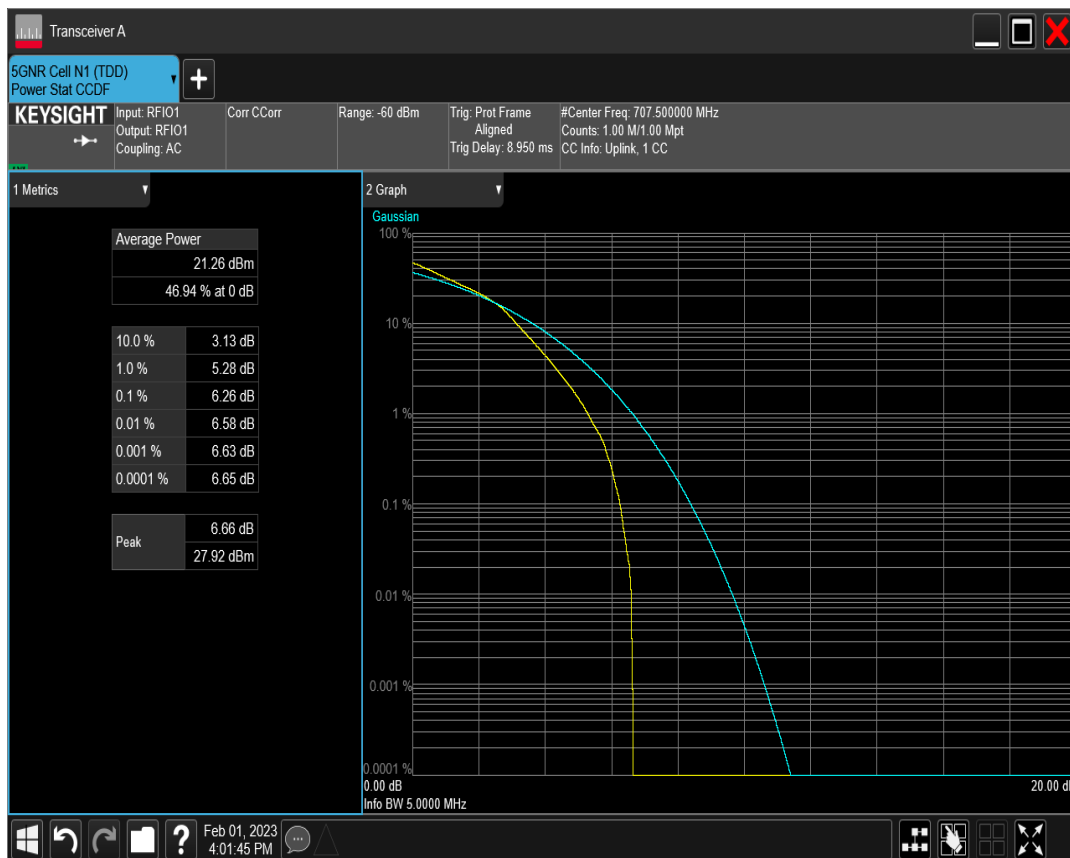
n12 SCS=15kHz DFT\_BPSK BW=5MHz Channel=141500 RB=25@0



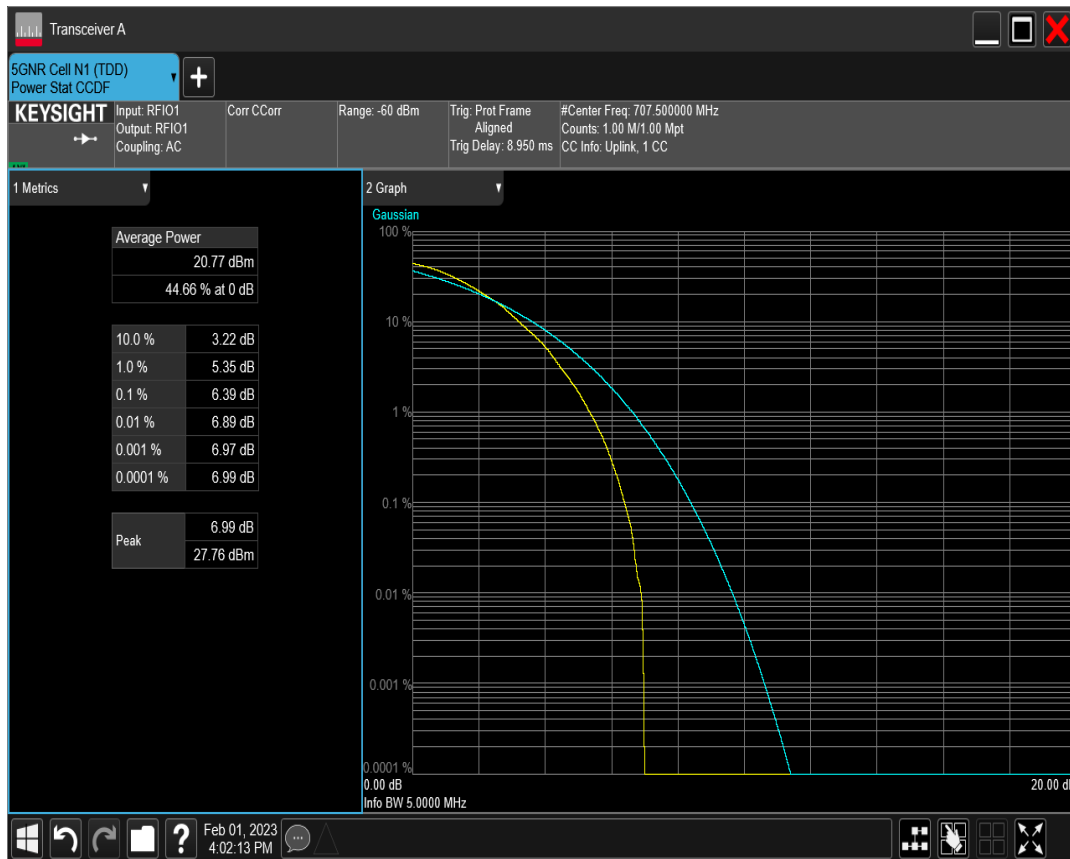
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=141500 RB=25@0



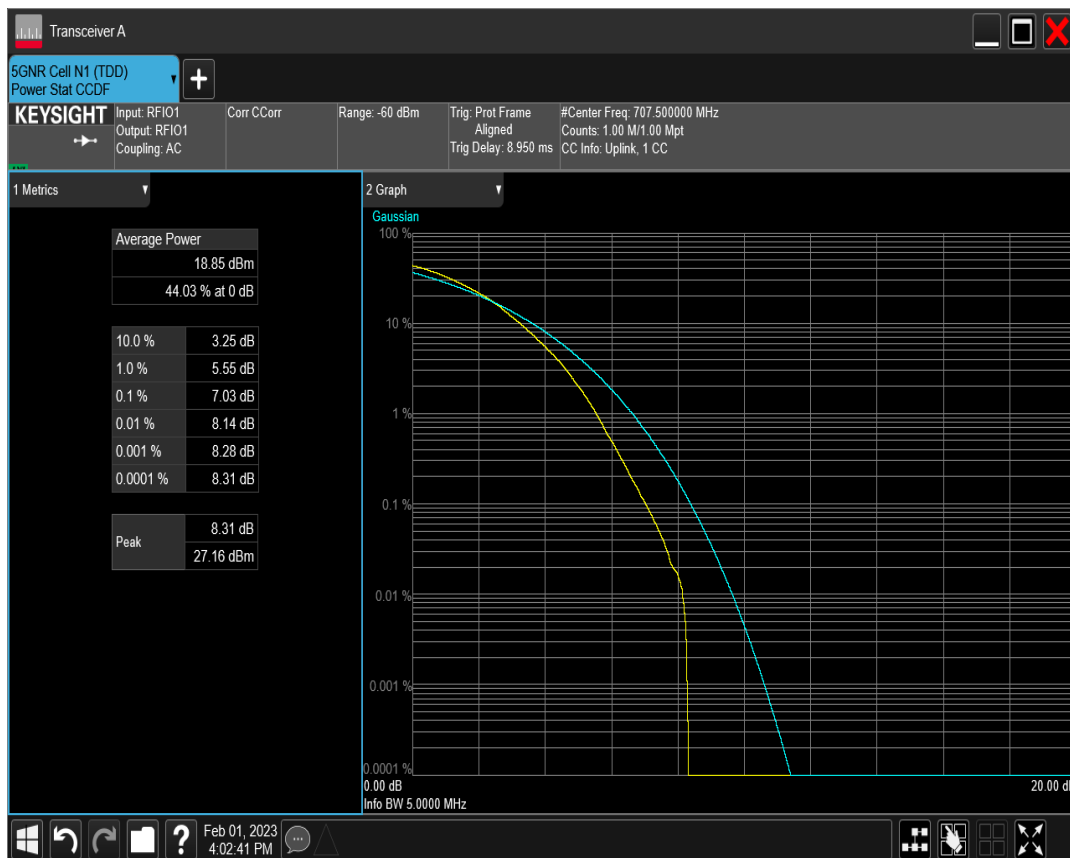
n12 SCS=15kHz DFT\_QAM16 BW=5MHz Channel=141500 RB=25@0



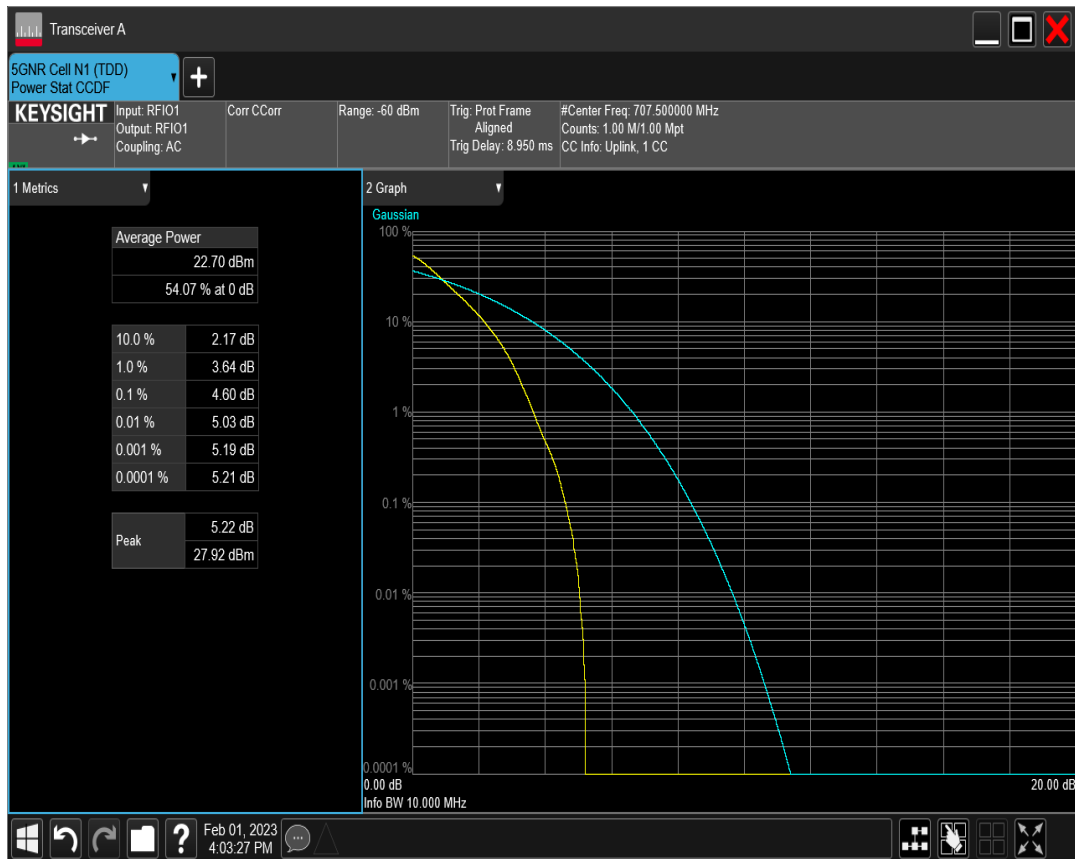
n12 SCS=15kHz DFT\_QAM64 BW=5MHz Channel=141500 RB=25@0



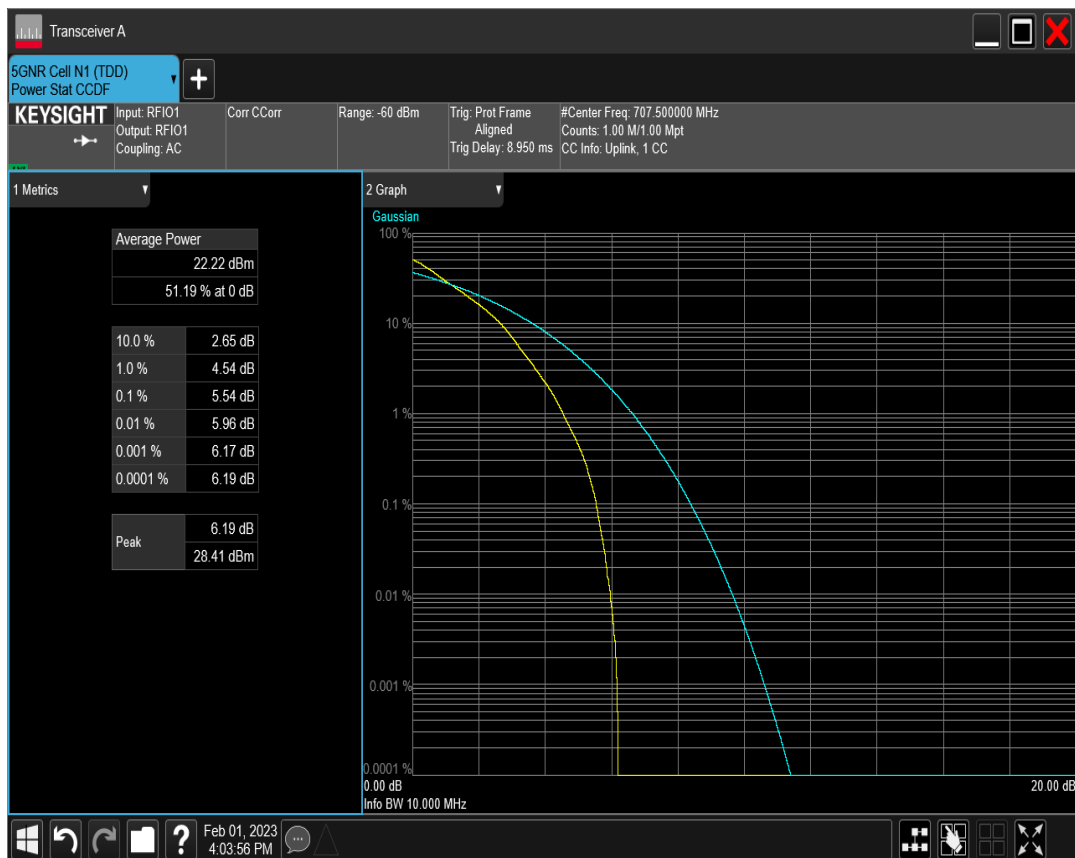
n12 SCS=15kHz DFT\_QAM256 BW=5MHz Channel=141500 RB=25@0



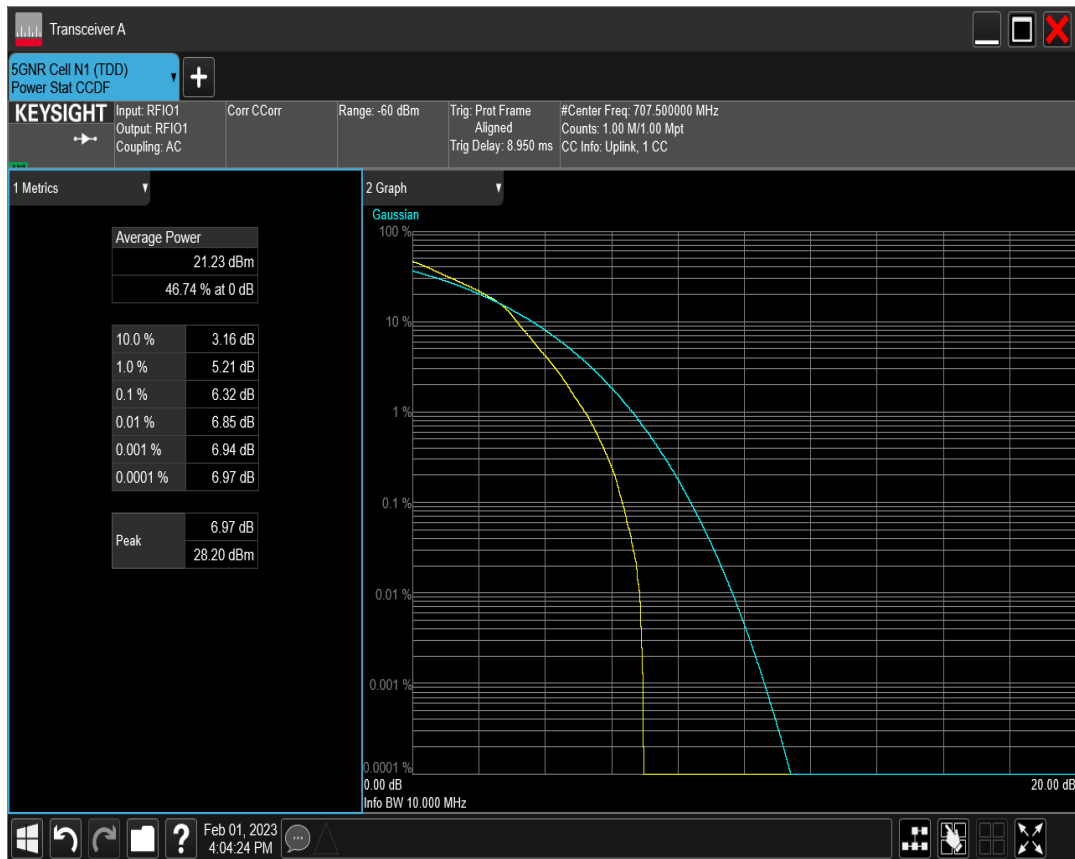
n12 SCS=15kHz DFT\_BPSK BW=10MHz Channel=141500 RB=50@0



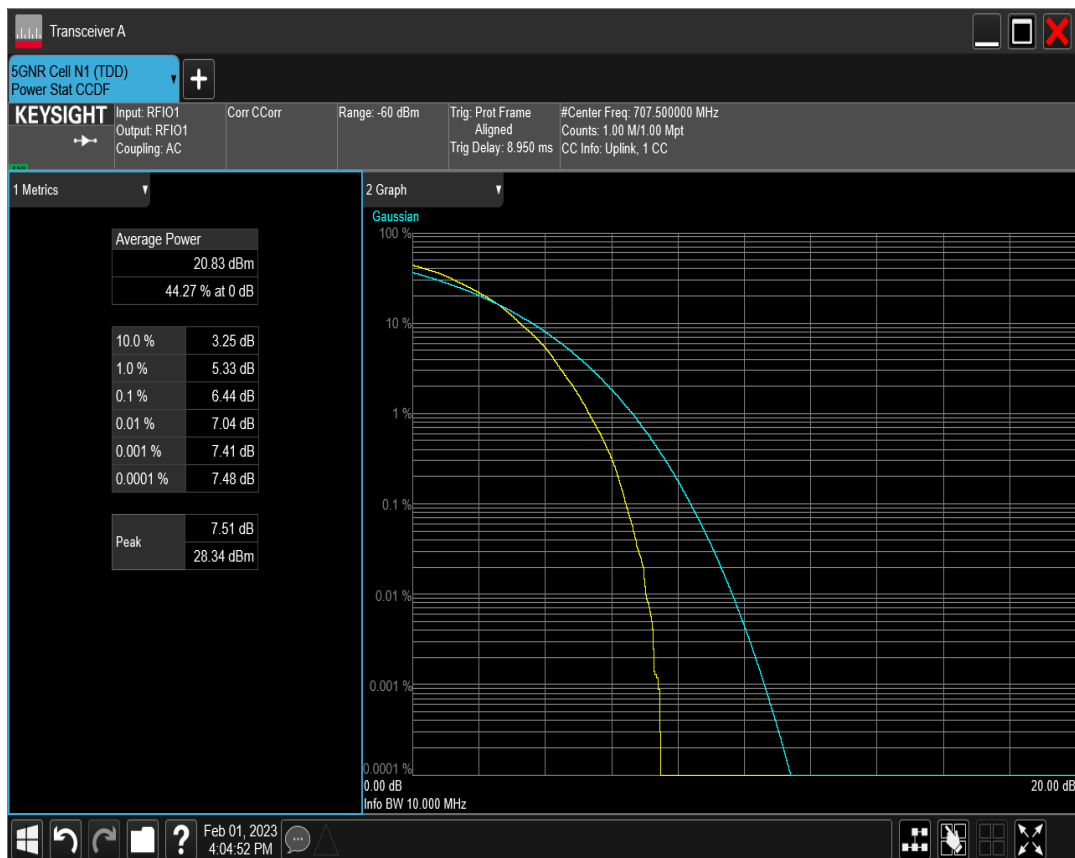
n12 SCS=15kHz DFT\_QPSK BW=10MHz Channel=141500 RB=50@0



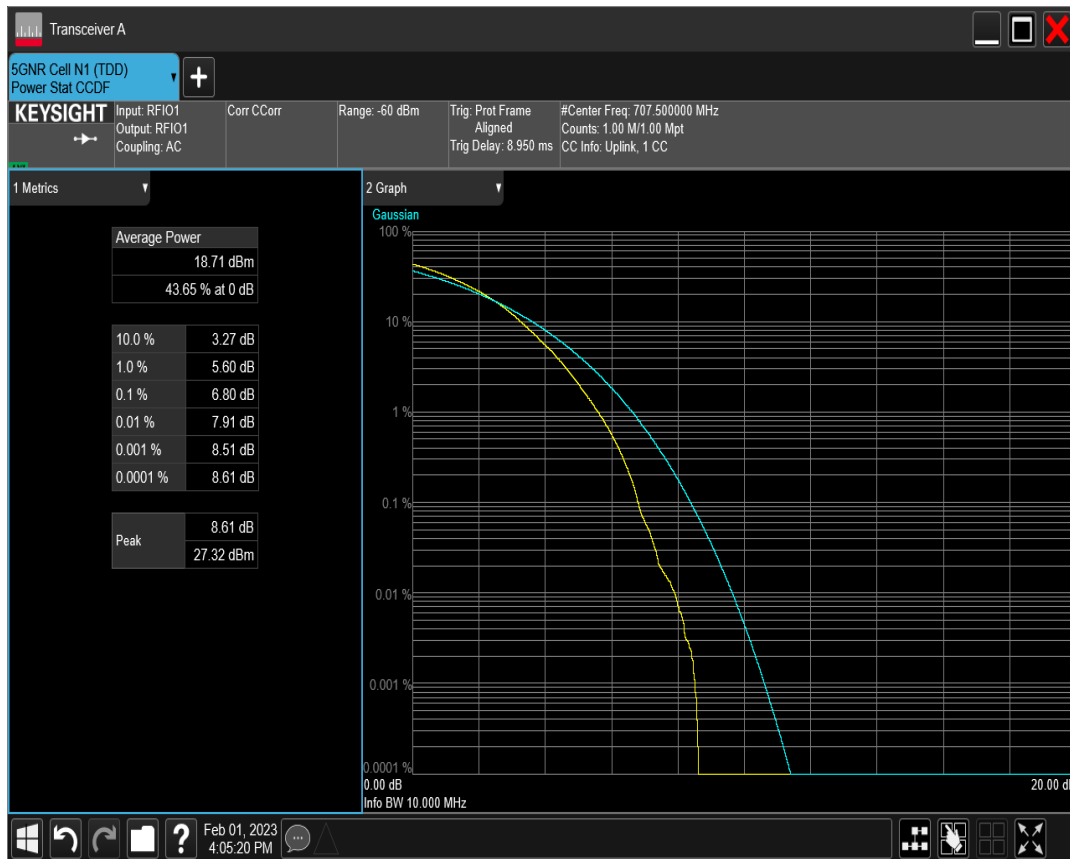
n12 SCS=15kHz DFT\_QAM16 BW=10MHz Channel=141500 RB=50@0



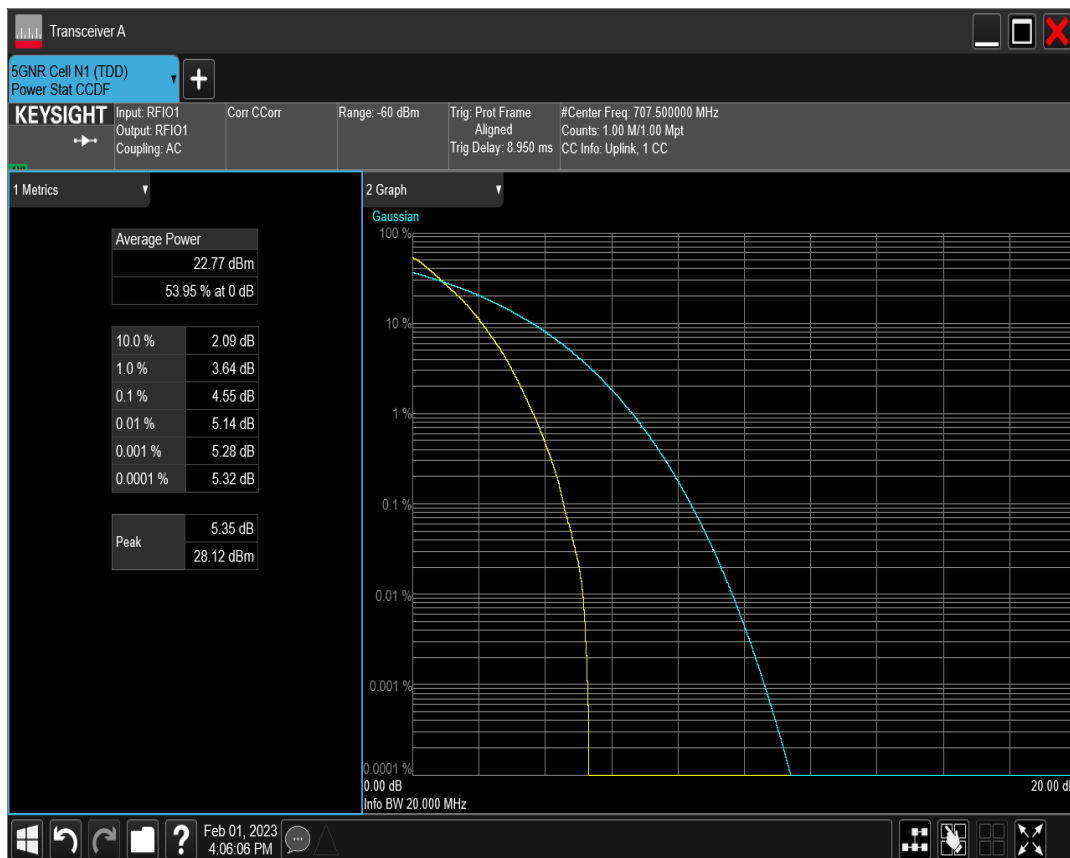
n12 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=141500 RB=50@0



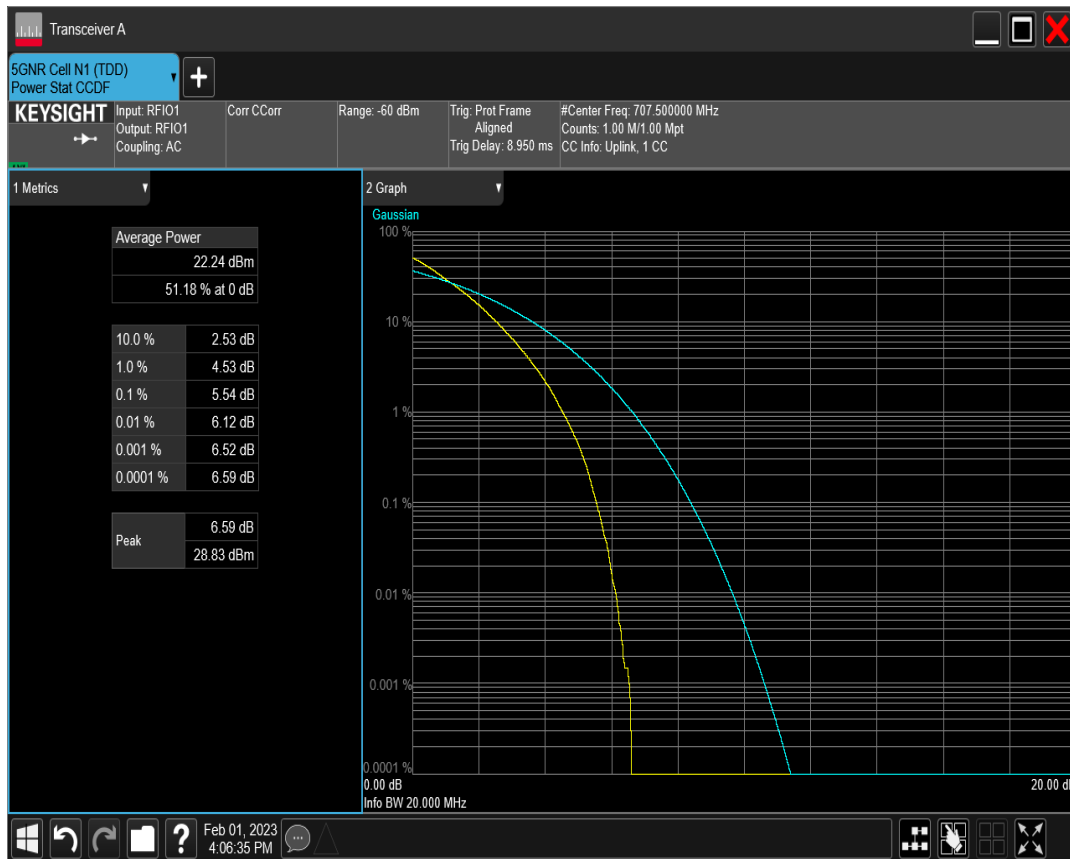
n12 SCS=15kHz DFT\_QAM256 BW=10MHz Channel=141500 RB=50@0



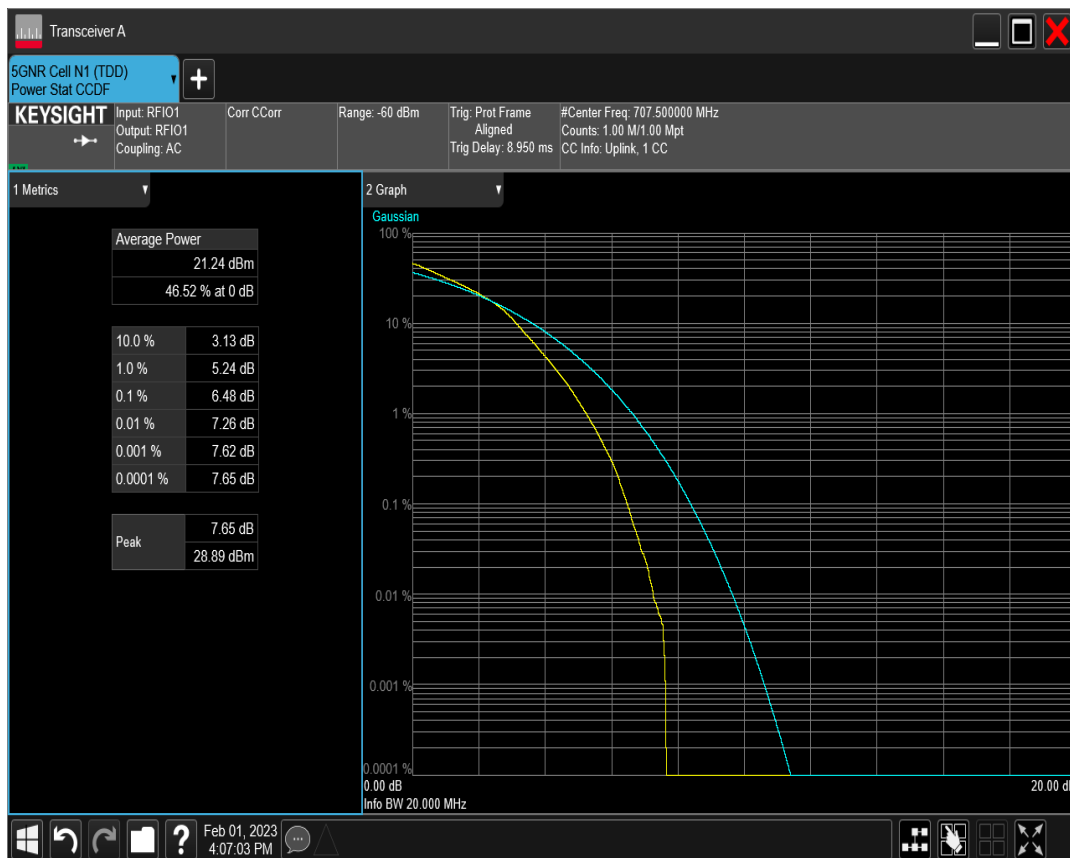
n12 SCS=15kHz DFT\_BPSK BW=15MHz Channel=141500 RB=75@0



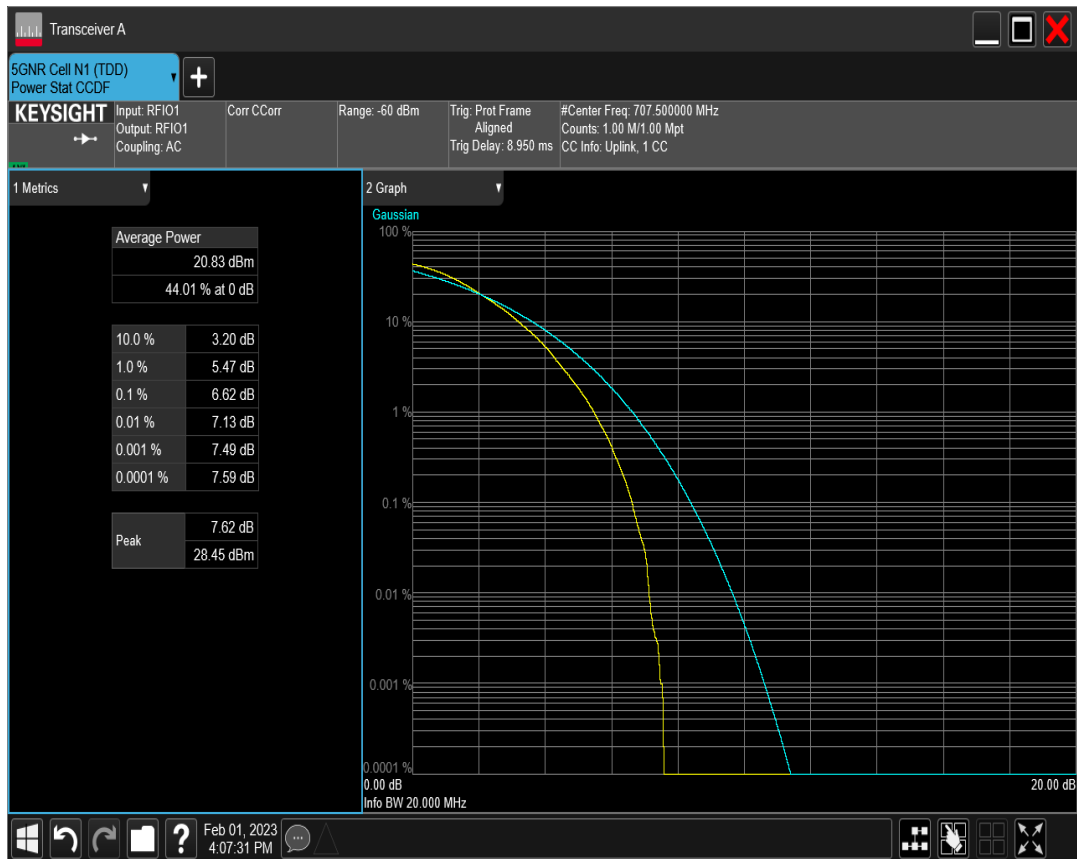
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141500 RB=75@0



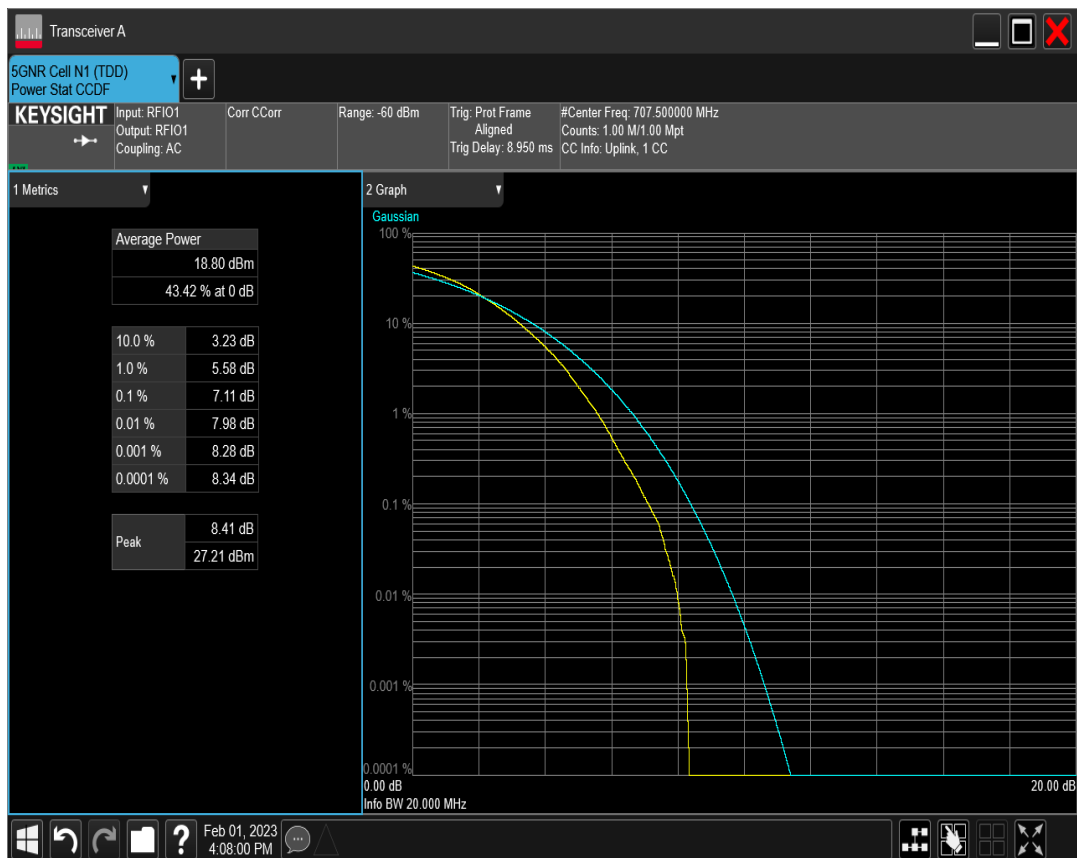
n12 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=141500 RB=75@0



n12 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=141500 RB=75@0



n12 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=141500 RB=75@0

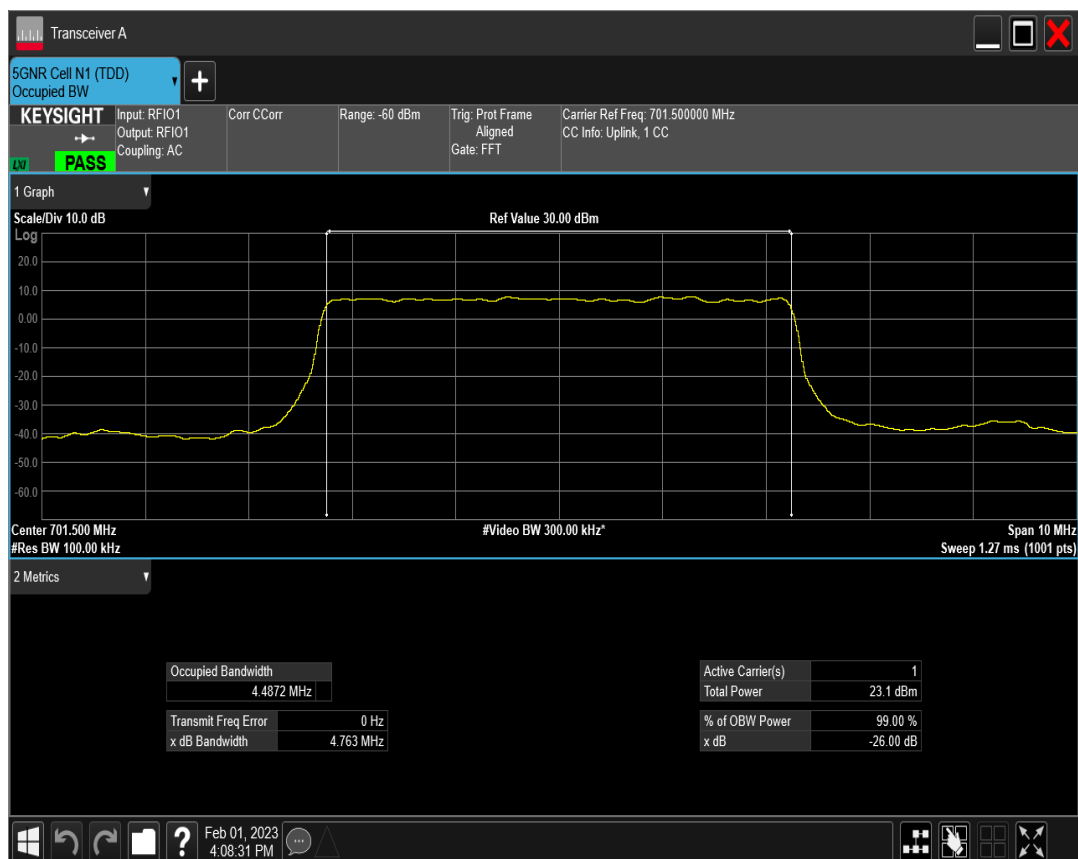


## 4 Occupied bandwidth for NR FR1

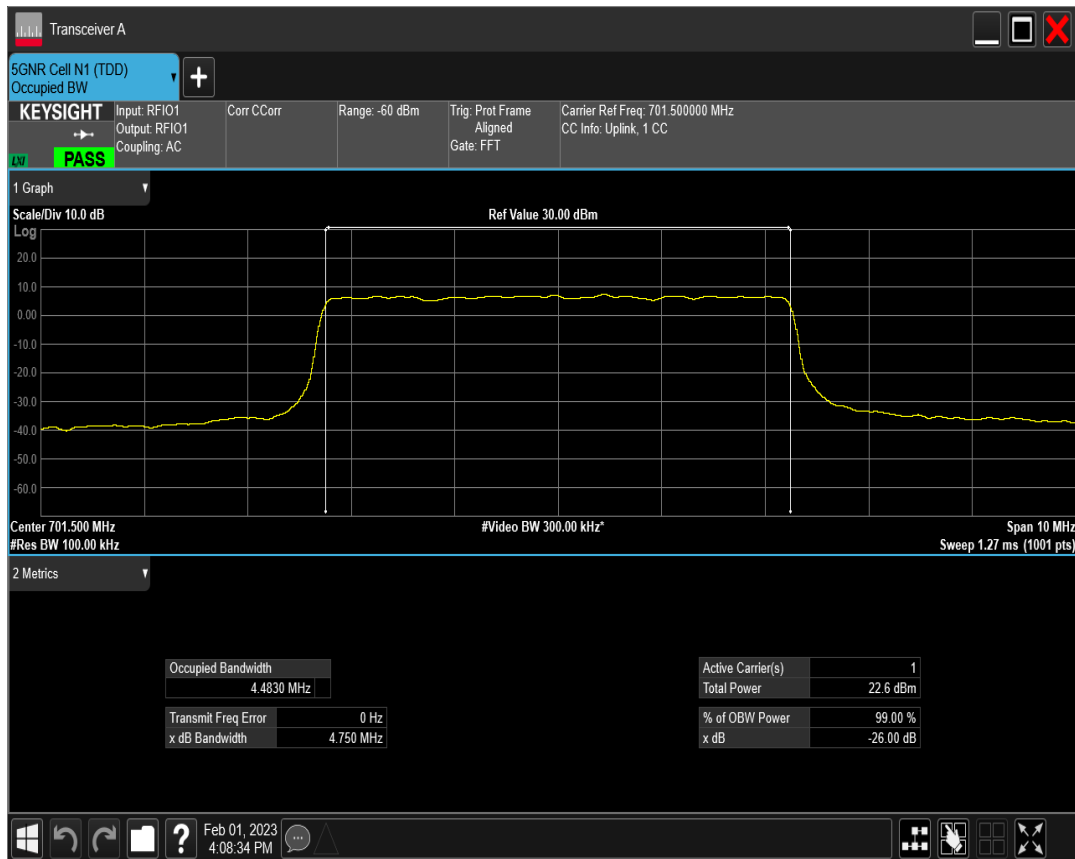
| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|--------------------|---------|
| n12  | 15           | 5                  | 140300        | 25@0             | DFT_BPSK   | 4.490            | 4.760              | PASS    |
| n12  | 15           | 5                  | 140300        | 25@0             | DFT_QPSK   | 4.480            | 4.750              | PASS    |
| n12  | 15           | 5                  | 140300        | 25@0             | DFT_QAM16  | 4.490            | 4.770              | PASS    |
| n12  | 15           | 5                  | 140300        | 25@0             | DFT_QAM64  | 4.500            | 4.780              | PASS    |
| n12  | 15           | 5                  | 140300        | 25@0             | DFT_QAM256 | 4.490            | 4.760              | PASS    |
| n12  | 15           | 5                  | 140300        | 25@0             | CP_QPSK    | 4.490            | 4.770              | PASS    |
| n12  | 15           | 5                  | 141500        | 25@0             | DFT_BPSK   | 4.490            | 4.760              | PASS    |
| n12  | 15           | 5                  | 141500        | 25@0             | DFT_QPSK   | 4.480            | 4.750              | PASS    |
| n12  | 15           | 5                  | 141500        | 25@0             | DFT_QAM16  | 4.490            | 4.750              | PASS    |
| n12  | 15           | 5                  | 141500        | 25@0             | DFT_QAM64  | 4.500            | 4.760              | PASS    |
| n12  | 15           | 5                  | 141500        | 25@0             | DFT_QAM256 | 4.490            | 4.760              | PASS    |
| n12  | 15           | 5                  | 141500        | 25@0             | CP_QPSK    | 4.490            | 4.770              | PASS    |
| n12  | 15           | 5                  | 142700        | 25@0             | DFT_BPSK   | 4.490            | 4.760              | PASS    |
| n12  | 15           | 5                  | 142700        | 25@0             | DFT_QPSK   | 4.490            | 4.760              | PASS    |
| n12  | 15           | 5                  | 142700        | 25@0             | DFT_QAM16  | 4.490            | 4.760              | PASS    |
| n12  | 15           | 5                  | 142700        | 25@0             | DFT_QAM64  | 4.490            | 4.770              | PASS    |
| n12  | 15           | 5                  | 142700        | 25@0             | DFT_QAM256 | 4.490            | 4.760              | PASS    |
| n12  | 15           | 5                  | 142700        | 25@0             | CP_QPSK    | 4.490            | 4.770              | PASS    |
| n12  | 15           | 10                 | 140800        | 50@0             | DFT_BPSK   | 9.170            | 9.460              | PASS    |
| n12  | 15           | 10                 | 140800        | 50@0             | DFT_QPSK   | 9.200            | 9.470              | PASS    |
| n12  | 15           | 10                 | 140800        | 50@0             | DFT_QAM16  | 9.210            | 9.480              | PASS    |
| n12  | 15           | 10                 | 140800        | 50@0             | DFT_QAM64  | 9.210            | 9.470              | PASS    |
| n12  | 15           | 10                 | 140800        | 50@0             | DFT_QAM256 | 9.210            | 9.480              | PASS    |
| n12  | 15           | 10                 | 140800        | 52@0             | CP_QPSK    | 9.320            | 9.830              | PASS    |
| n12  | 15           | 10                 | 141500        | 50@0             | DFT_BPSK   | 9.200            | 9.450              | PASS    |
| n12  | 15           | 10                 | 141500        | 50@0             | DFT_QPSK   | 9.220            | 9.460              | PASS    |
| n12  | 15           | 10                 | 141500        | 50@0             | DFT_QAM16  | 9.210            | 9.480              | PASS    |
| n12  | 15           | 10                 | 141500        | 50@0             | DFT_QAM64  | 9.220            | 9.470              | PASS    |
| n12  | 15           | 10                 | 141500        | 50@0             | DFT_QAM256 | 9.240            | 9.470              | PASS    |
| n12  | 15           | 10                 | 141500        | 52@0             | CP_QPSK    | 9.320            | 9.850              | PASS    |
| n12  | 15           | 10                 | 142200        | 50@0             | DFT_BPSK   | 9.210            | 9.460              | PASS    |
| n12  | 15           | 10                 | 142200        | 50@0             | DFT_QPSK   | 9.220            | 9.470              | PASS    |
| n12  | 15           | 10                 | 142200        | 50@0             | DFT_QAM16  | 9.250            | 9.480              | PASS    |
| n12  | 15           | 10                 | 142200        | 50@0             | DFT_QAM64  | 9.250            | 9.470              | PASS    |
| n12  | 15           | 10                 | 142200        | 50@0             | DFT_QAM256 | 9.250            | 9.470              | PASS    |
| n12  | 15           | 10                 | 142200        | 52@0             | CP_QPSK    | 9.330            | 9.830              | PASS    |
| n12  | 15           | 15                 | 141300        | 75@0             | DFT_BPSK   | 14.000           | 14.210             | PASS    |
| n12  | 15           | 15                 | 141300        | 75@0             | DFT_QPSK   | 13.980           | 14.180             | PASS    |

|     |    |    |        |      |            |        |        |      |
|-----|----|----|--------|------|------------|--------|--------|------|
| n12 | 15 | 15 | 141300 | 75@0 | DFT_QAM16  | 13.990 | 14.180 | PASS |
| n12 | 15 | 15 | 141300 | 75@0 | DFT_QAM64  | 13.980 | 14.190 | PASS |
| n12 | 15 | 15 | 141300 | 75@0 | DFT_QAM256 | 14.000 | 14.210 | PASS |
| n12 | 15 | 15 | 141300 | 79@0 | CP_QPSK    | 14.130 | 14.920 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_BPSK   | 14.000 | 14.190 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_QPSK   | 14.010 | 14.190 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_QAM16  | 14.000 | 14.190 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_QAM64  | 13.990 | 14.200 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_QAM256 | 13.990 | 14.190 | PASS |
| n12 | 15 | 15 | 141500 | 79@0 | CP_QPSK    | 14.170 | 14.920 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_BPSK   | 14.010 | 14.190 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_QPSK   | 14.000 | 14.180 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_QAM16  | 14.040 | 14.210 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_QAM64  | 14.000 | 14.200 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_QAM256 | 14.000 | 14.190 | PASS |
| n12 | 15 | 15 | 141700 | 79@0 | CP_QPSK    | 14.160 | 14.910 | PASS |

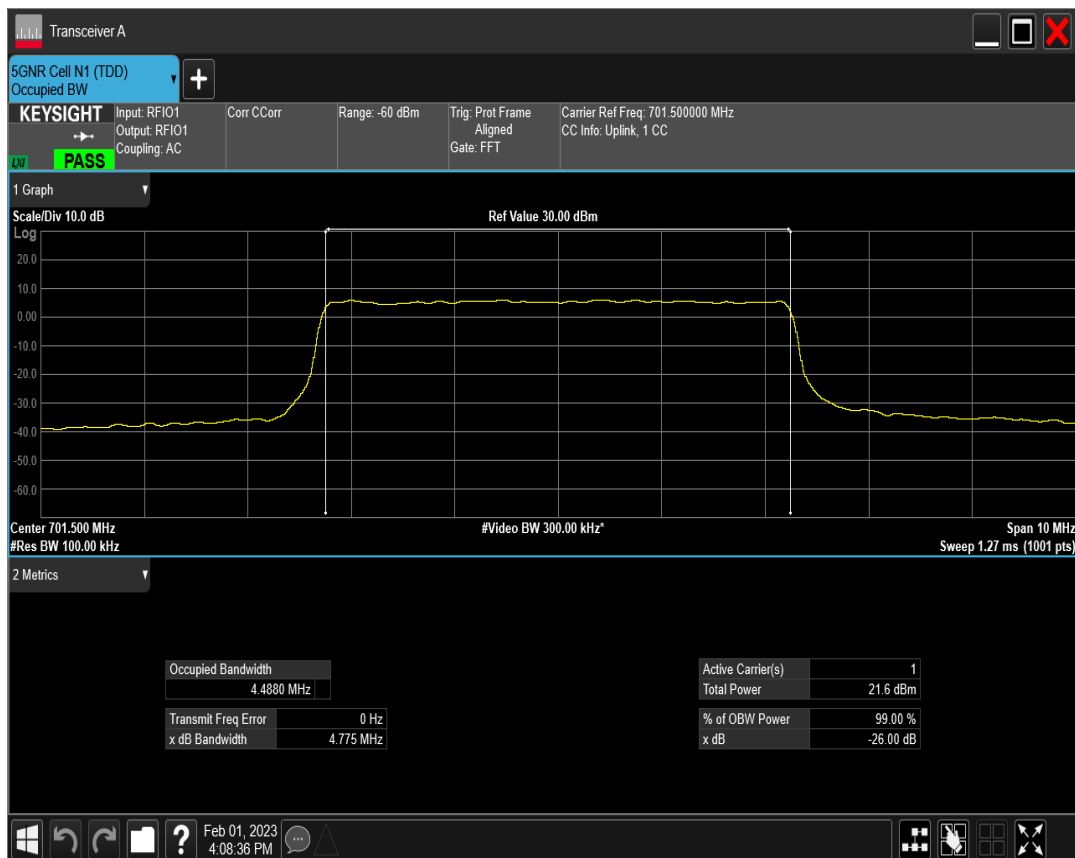
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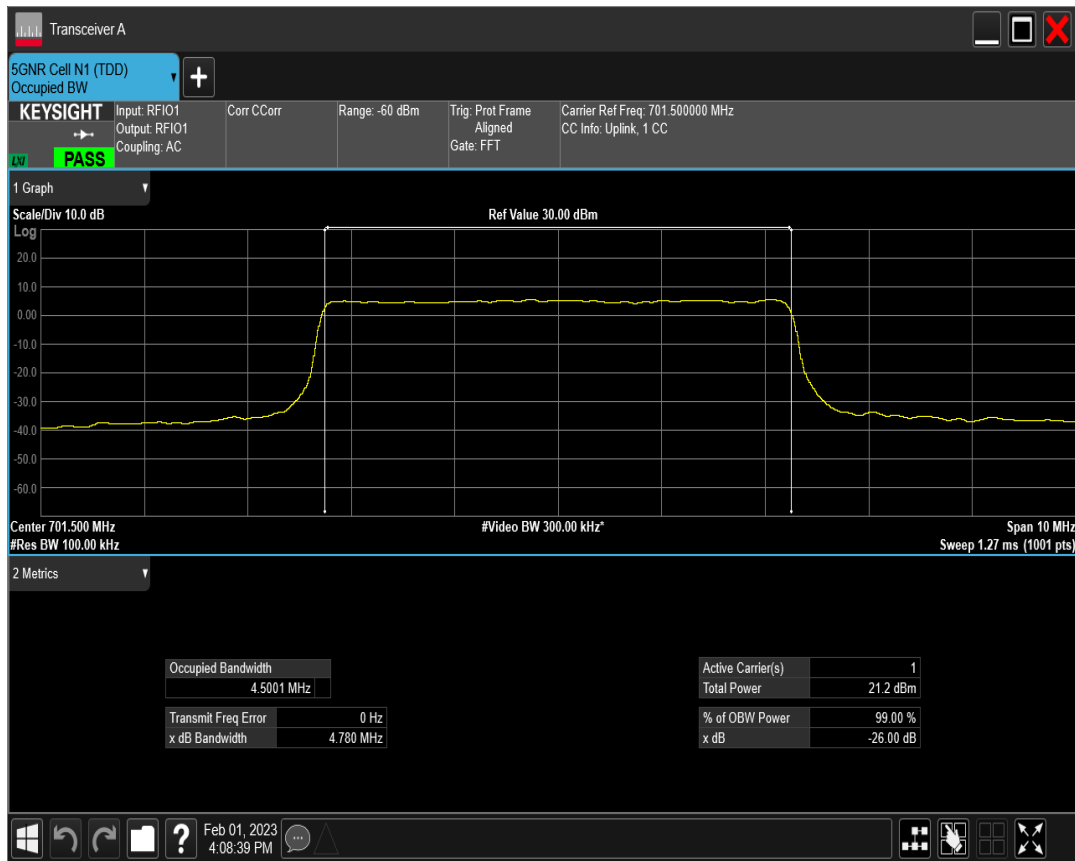
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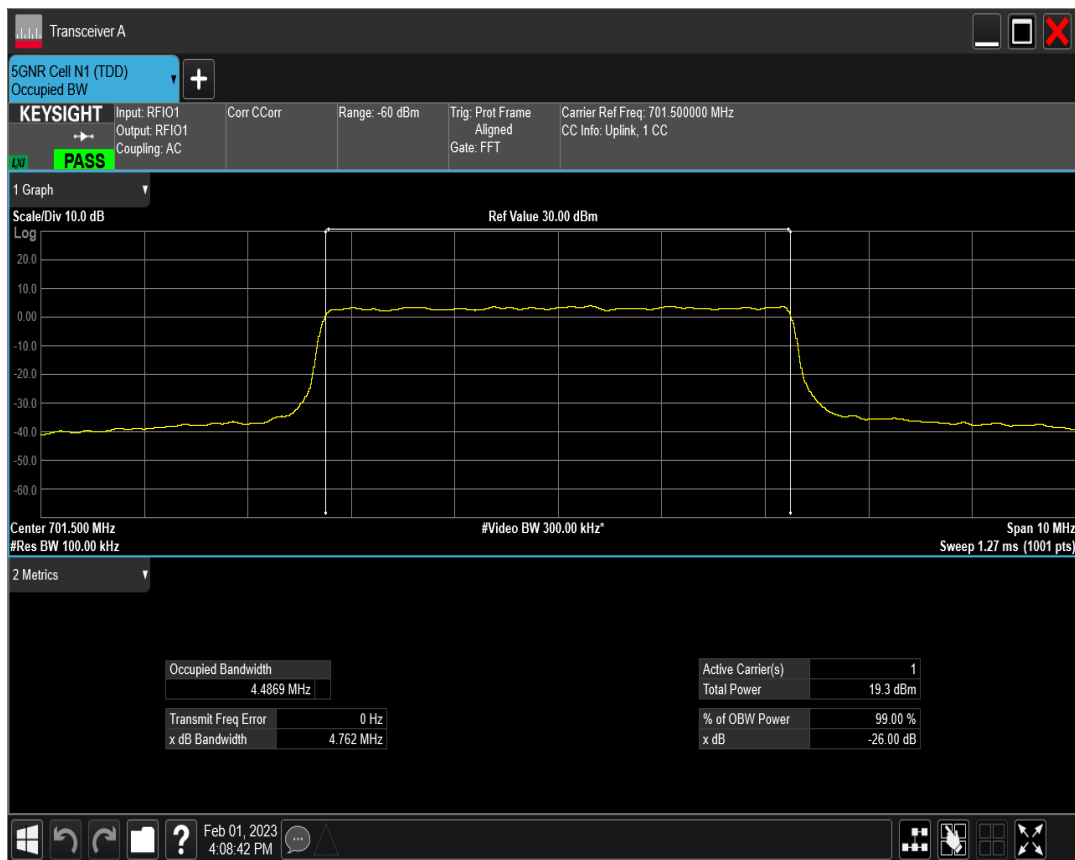
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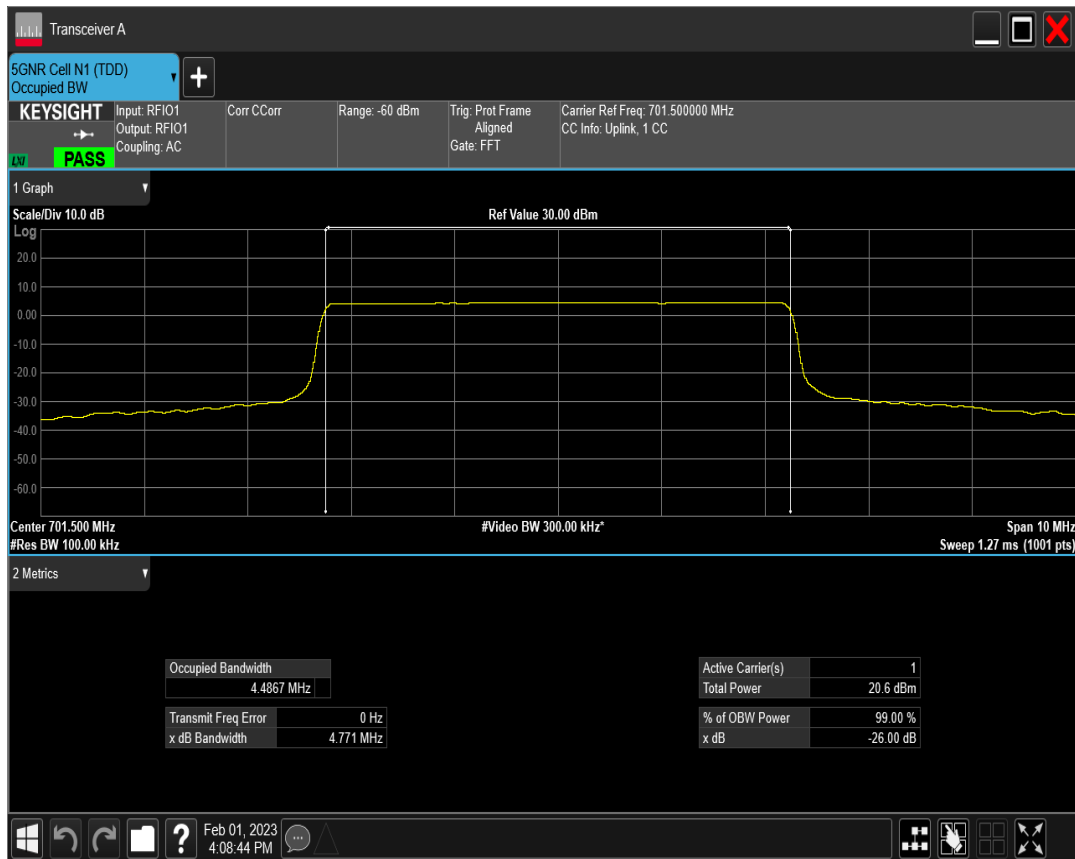
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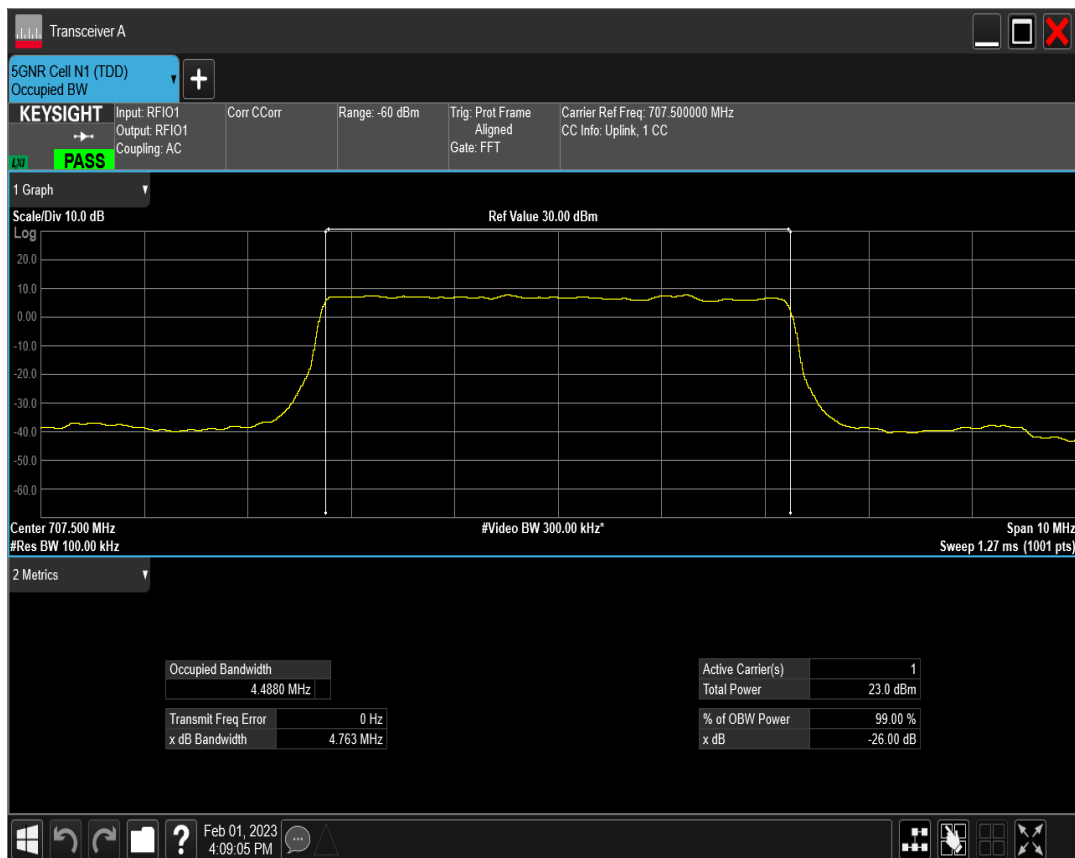
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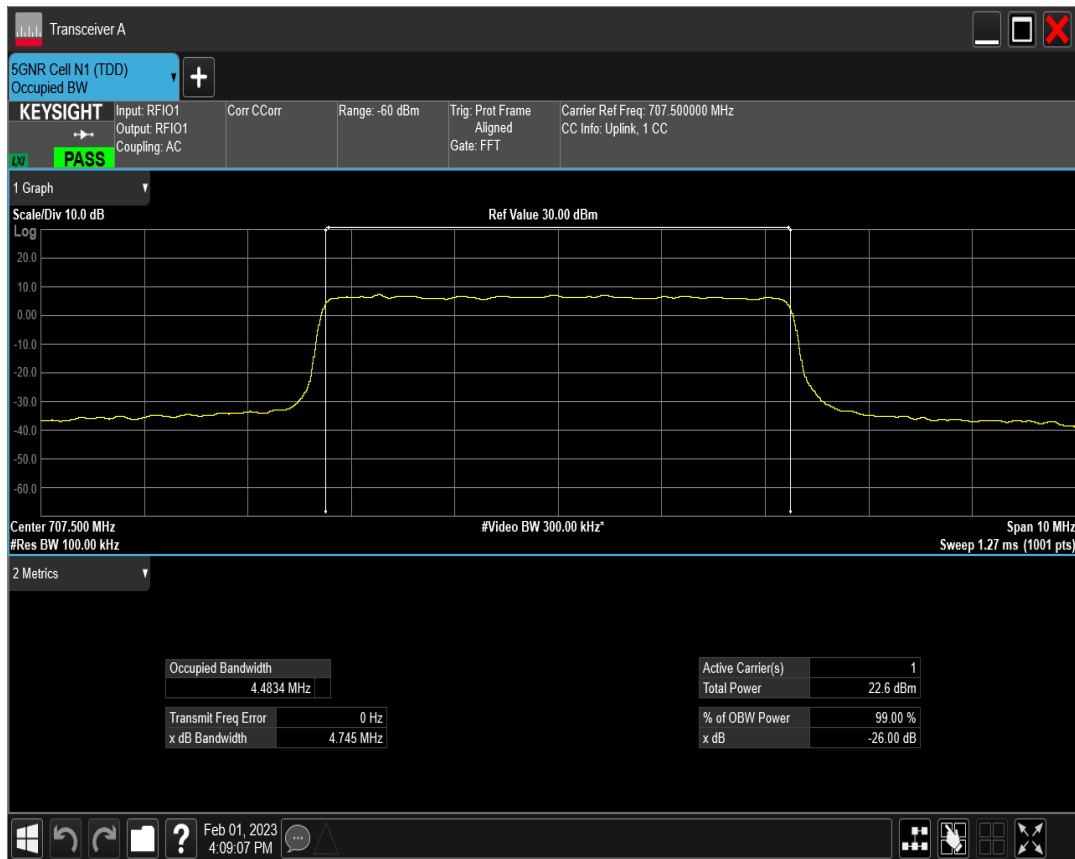
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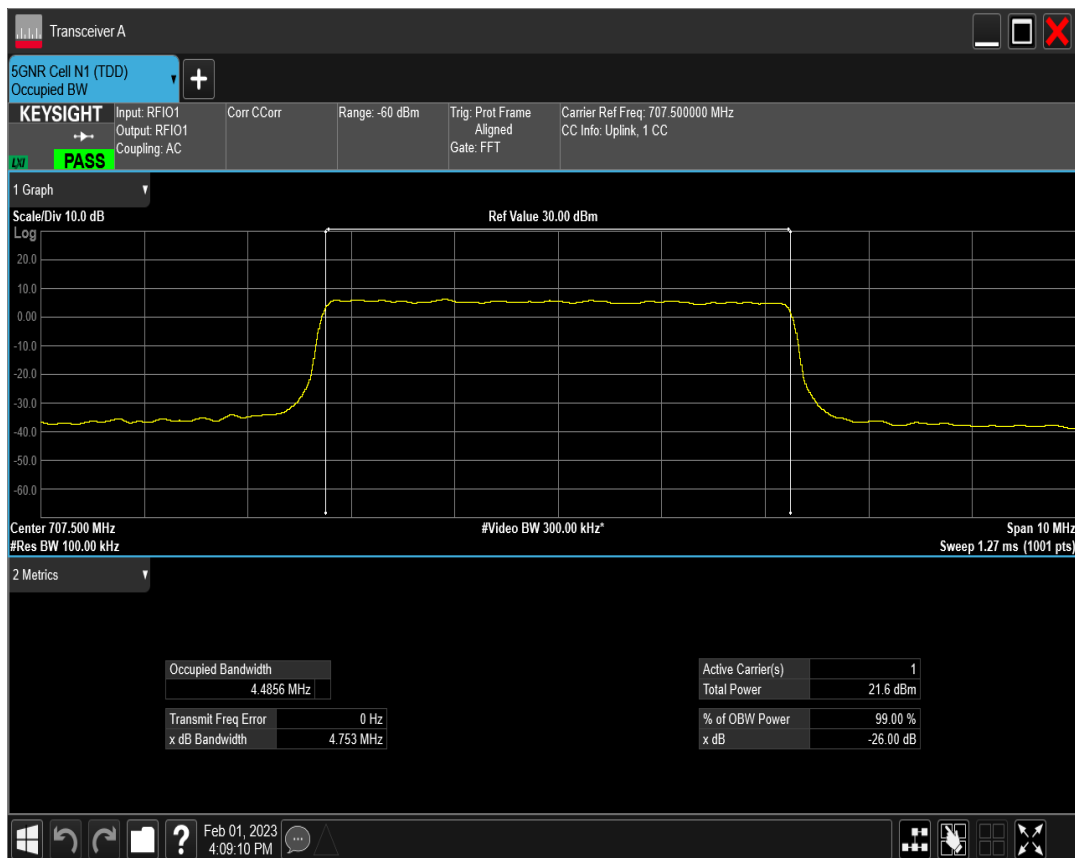
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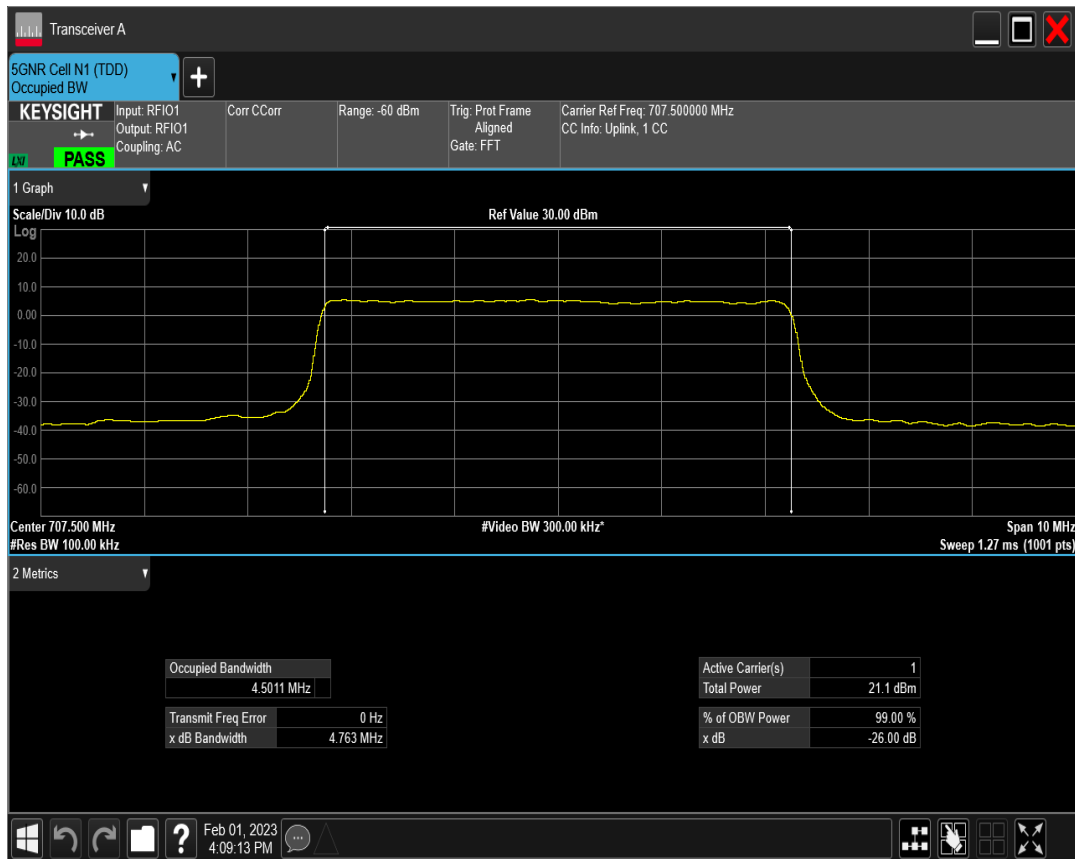
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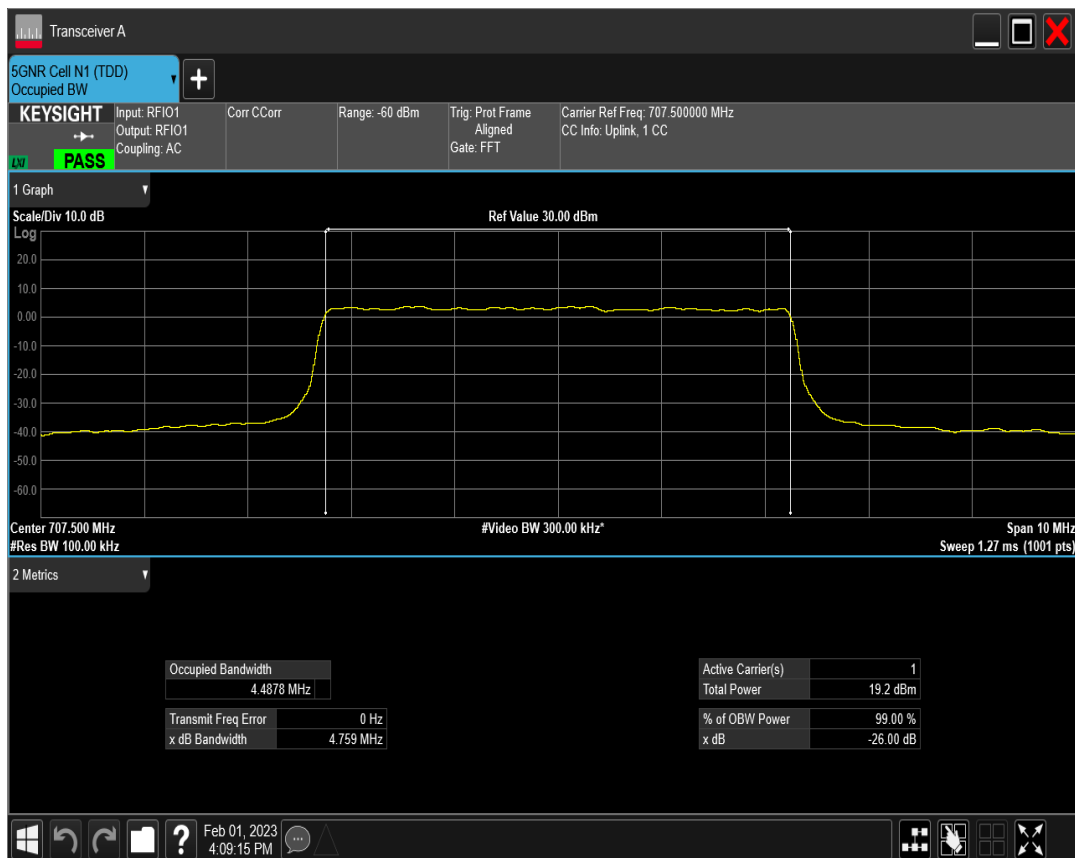
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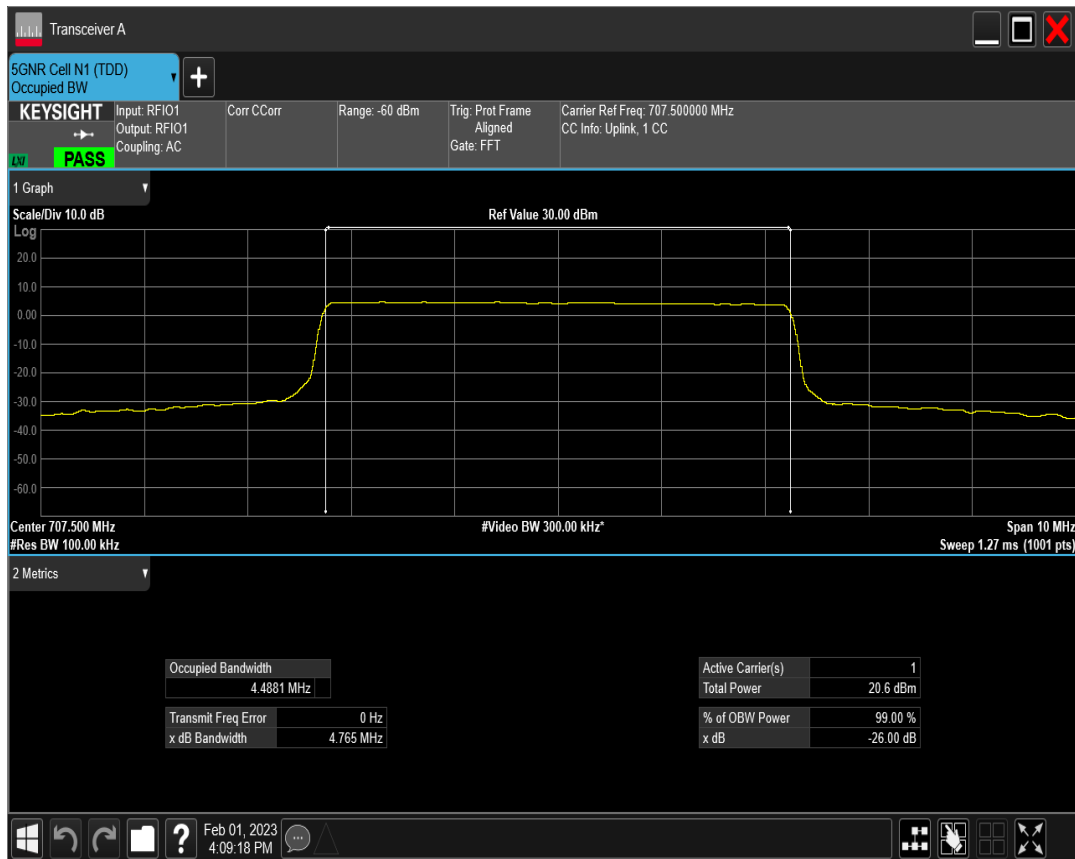
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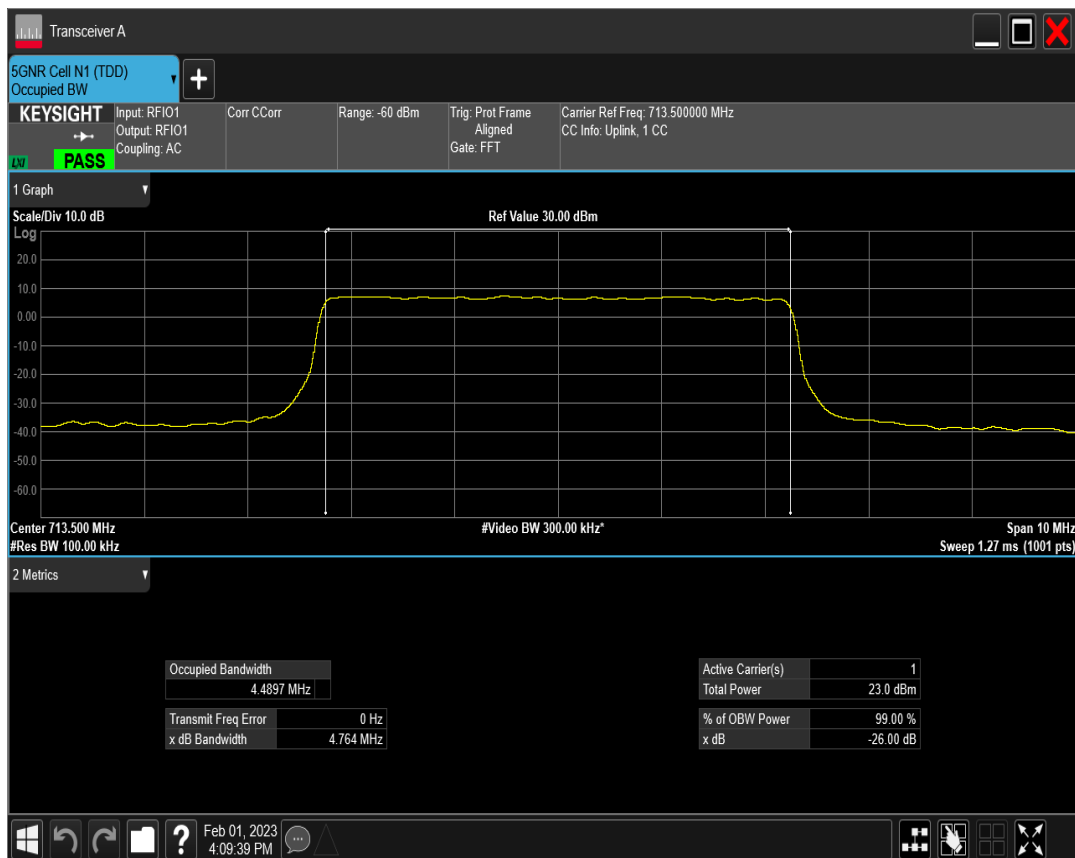
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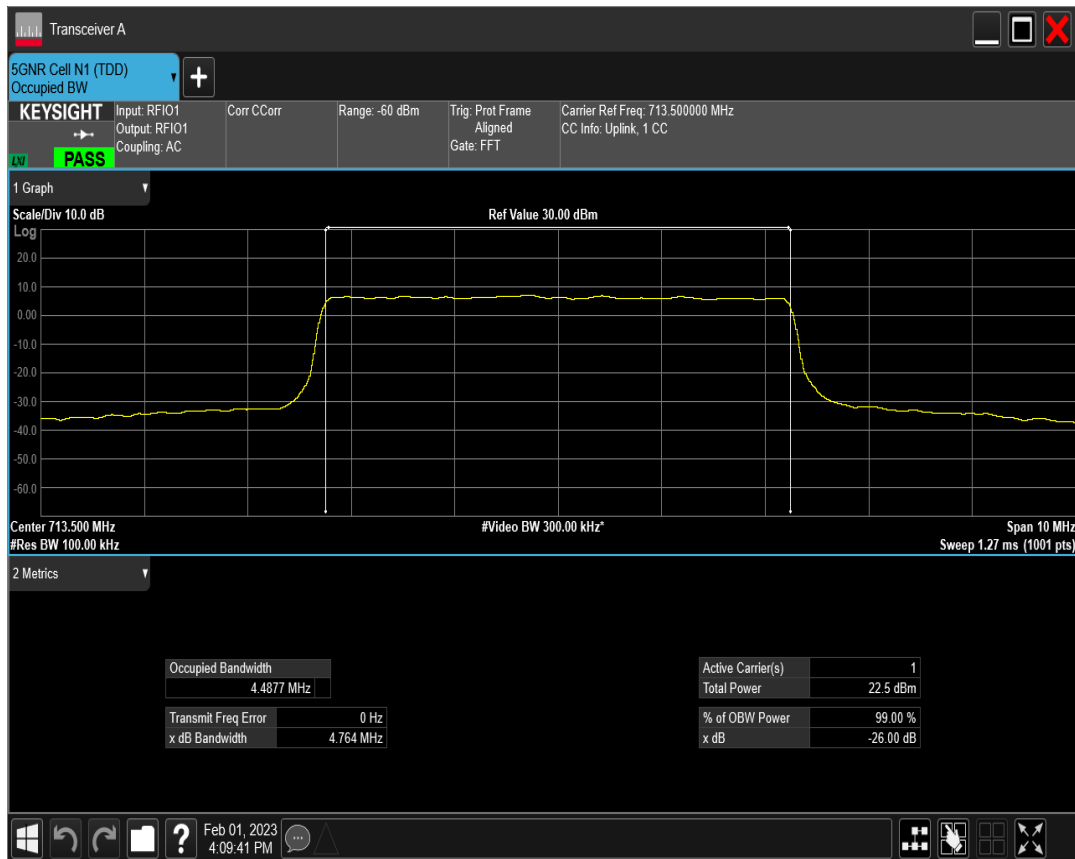
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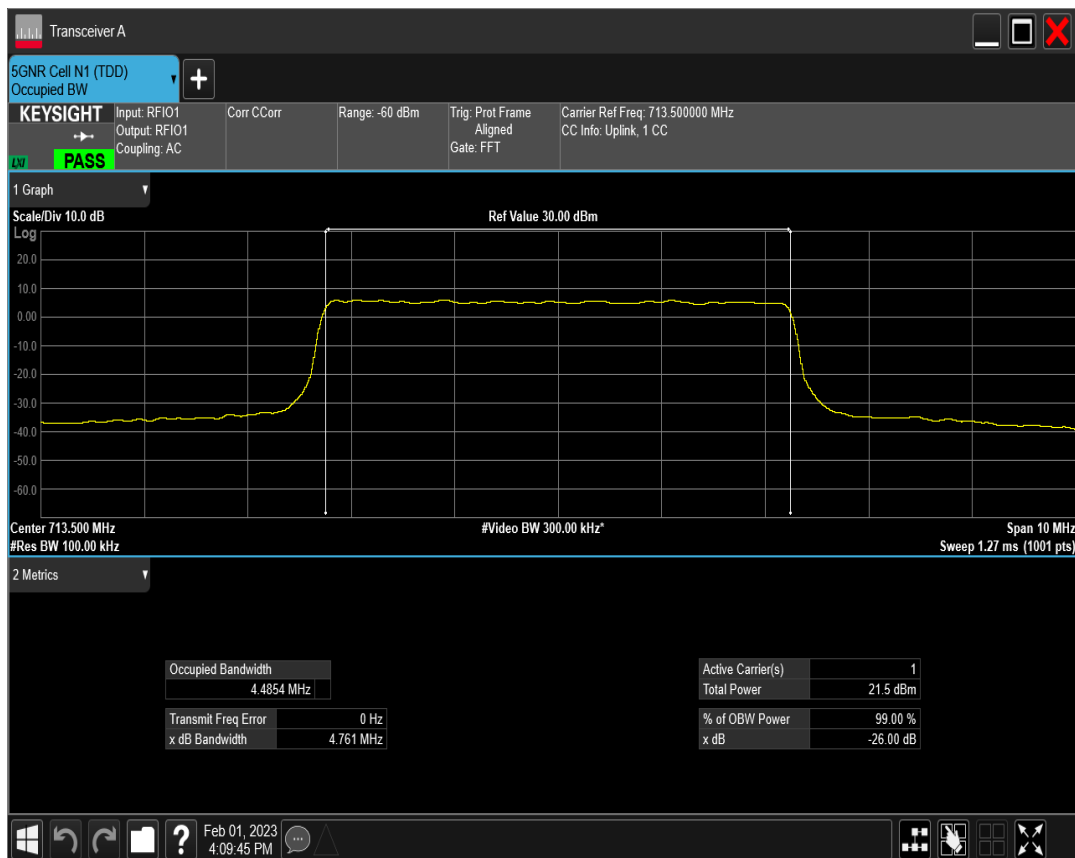
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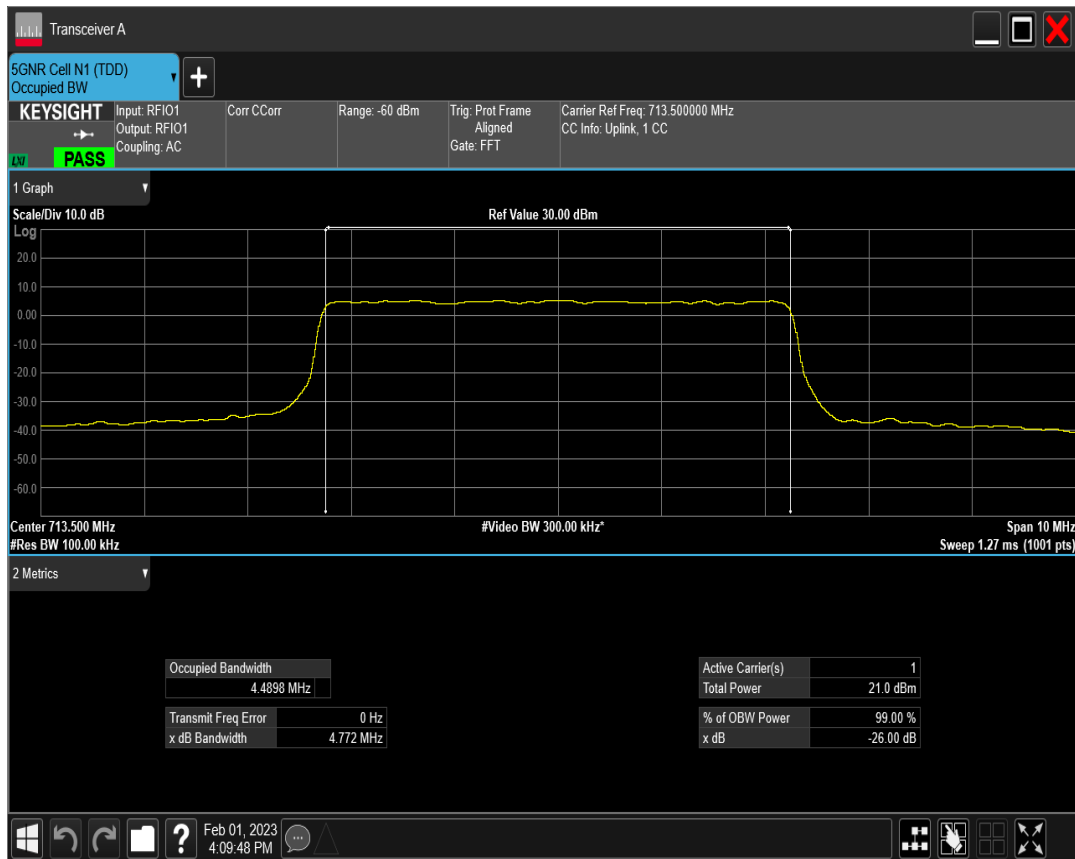
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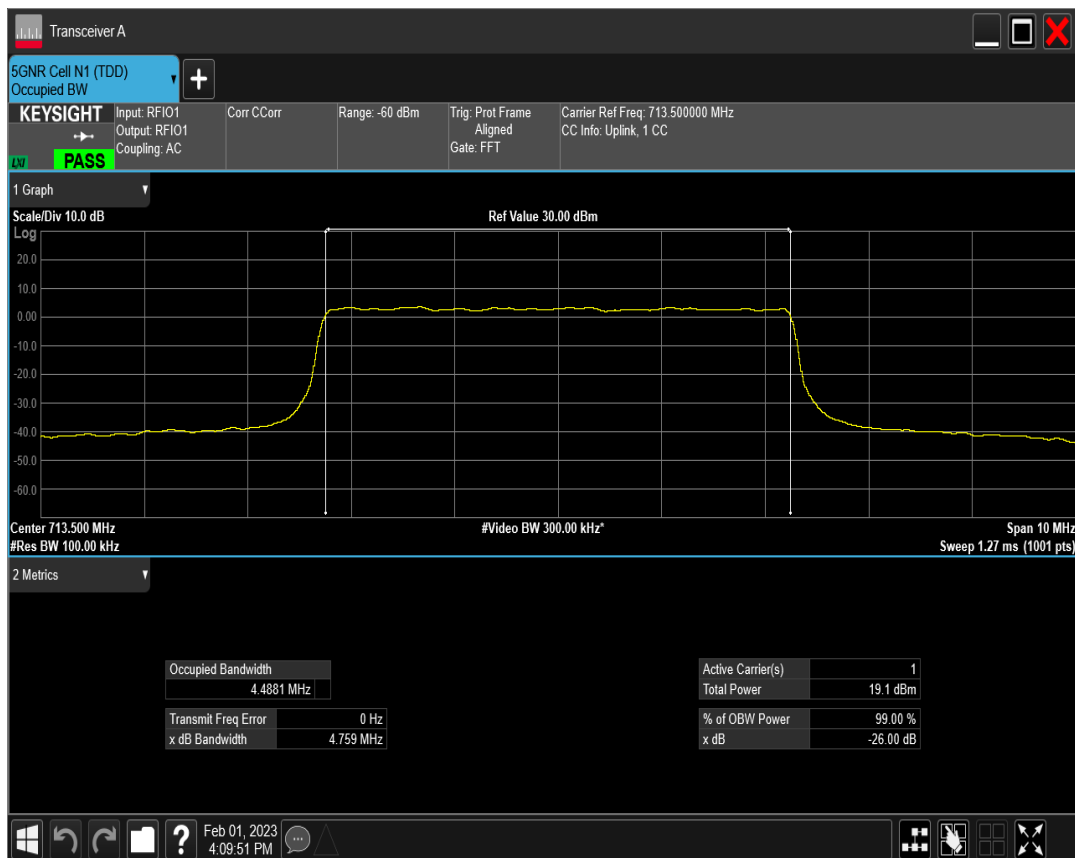
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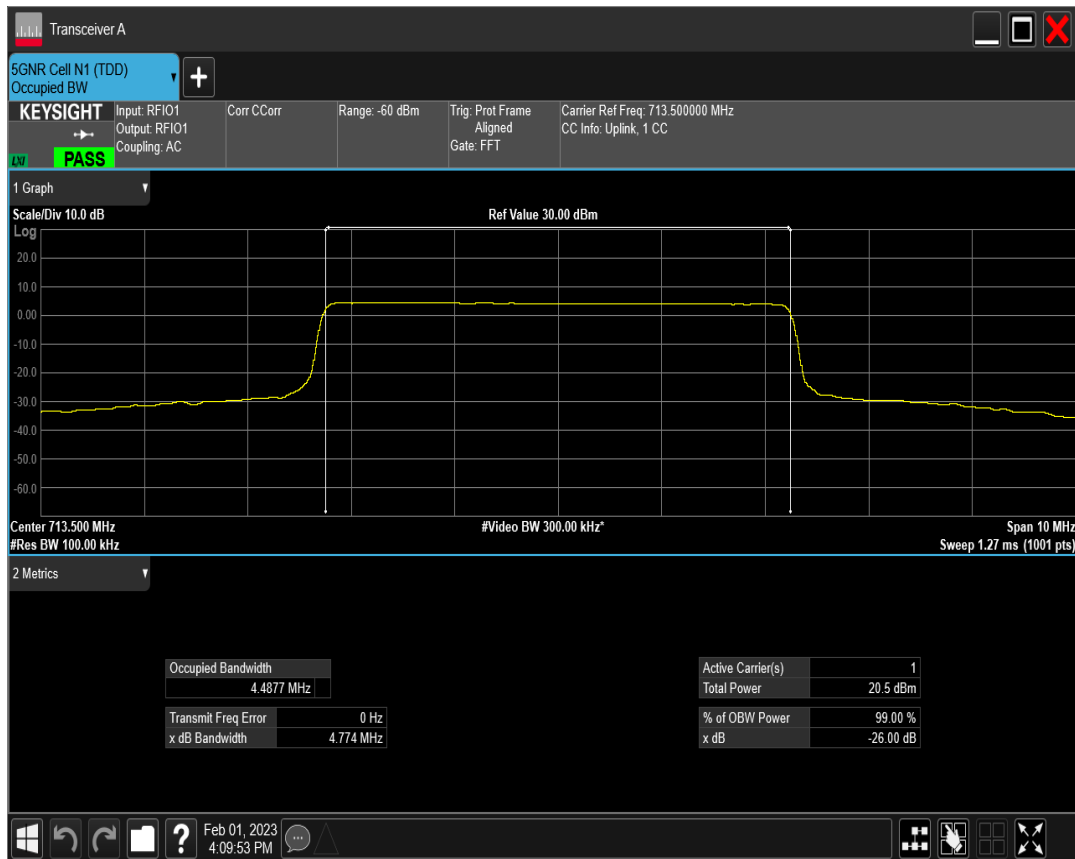
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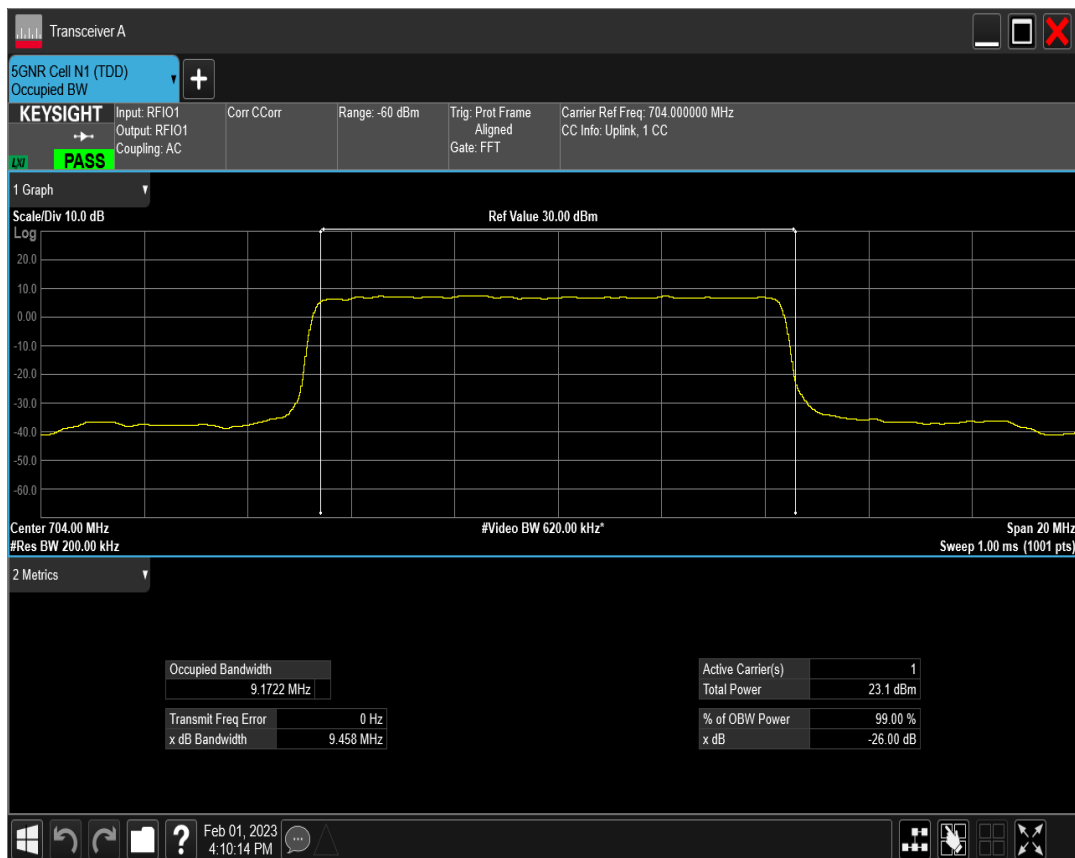
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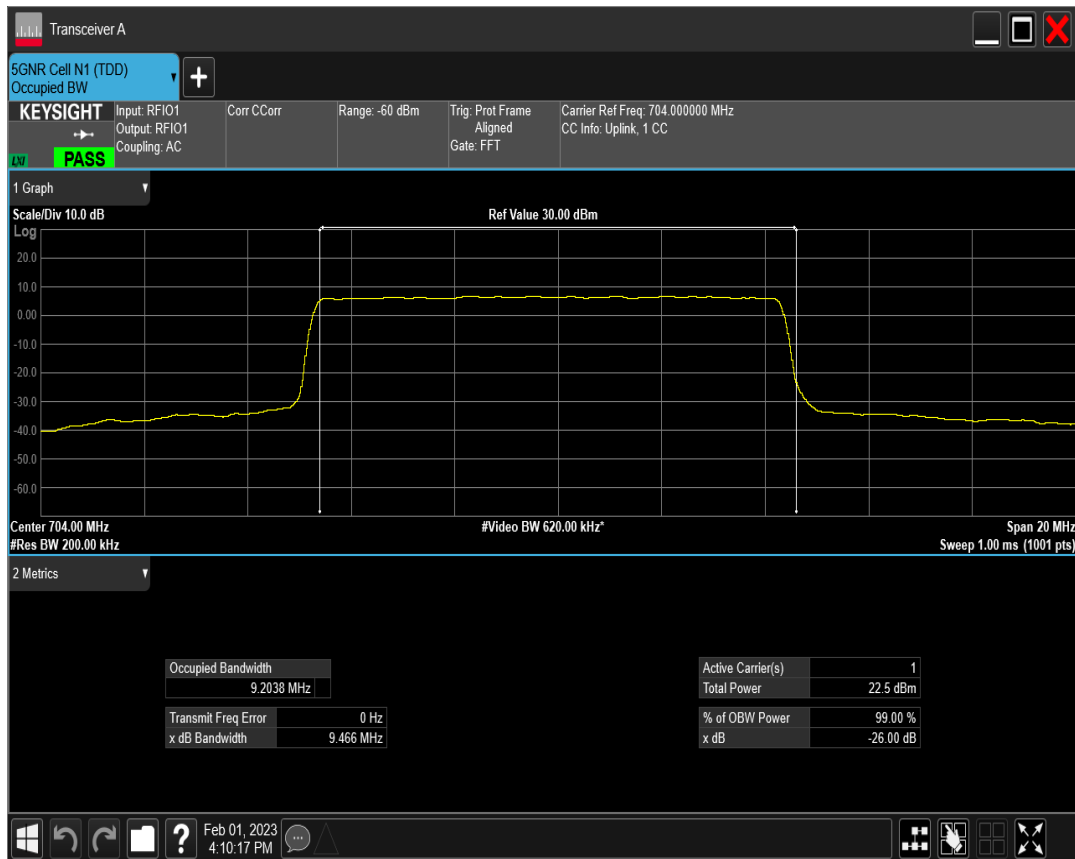
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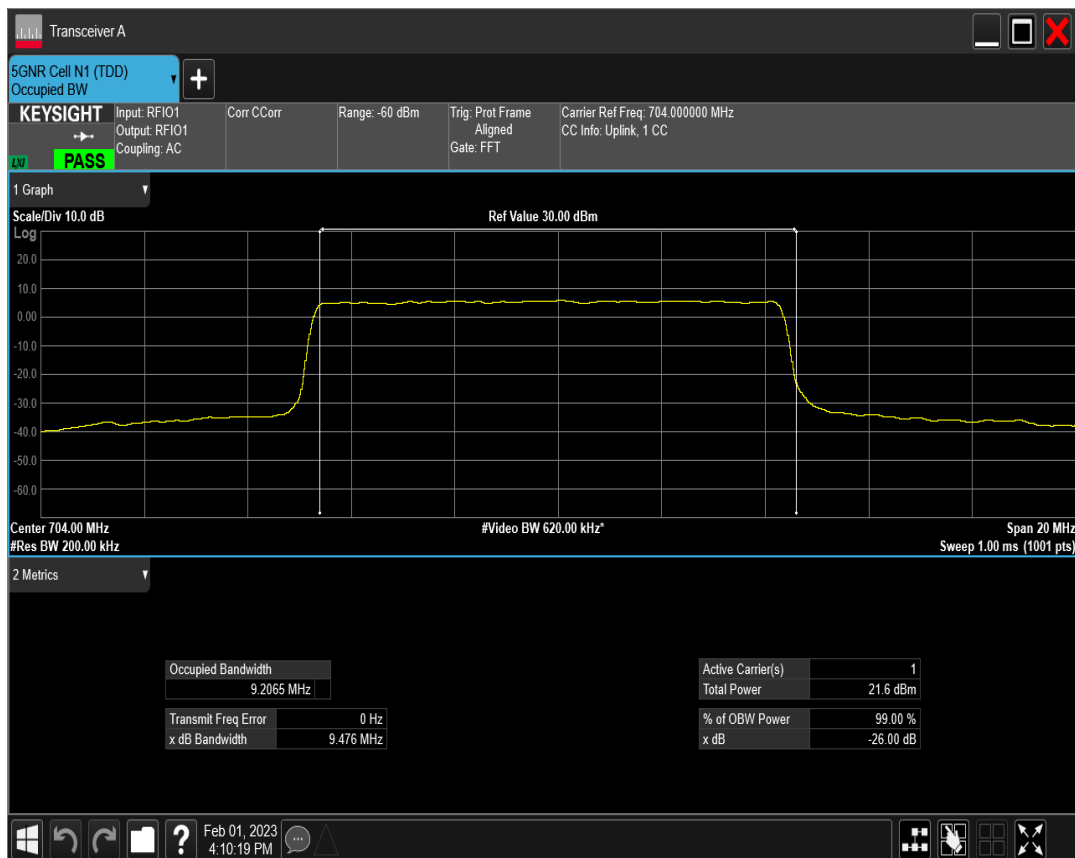
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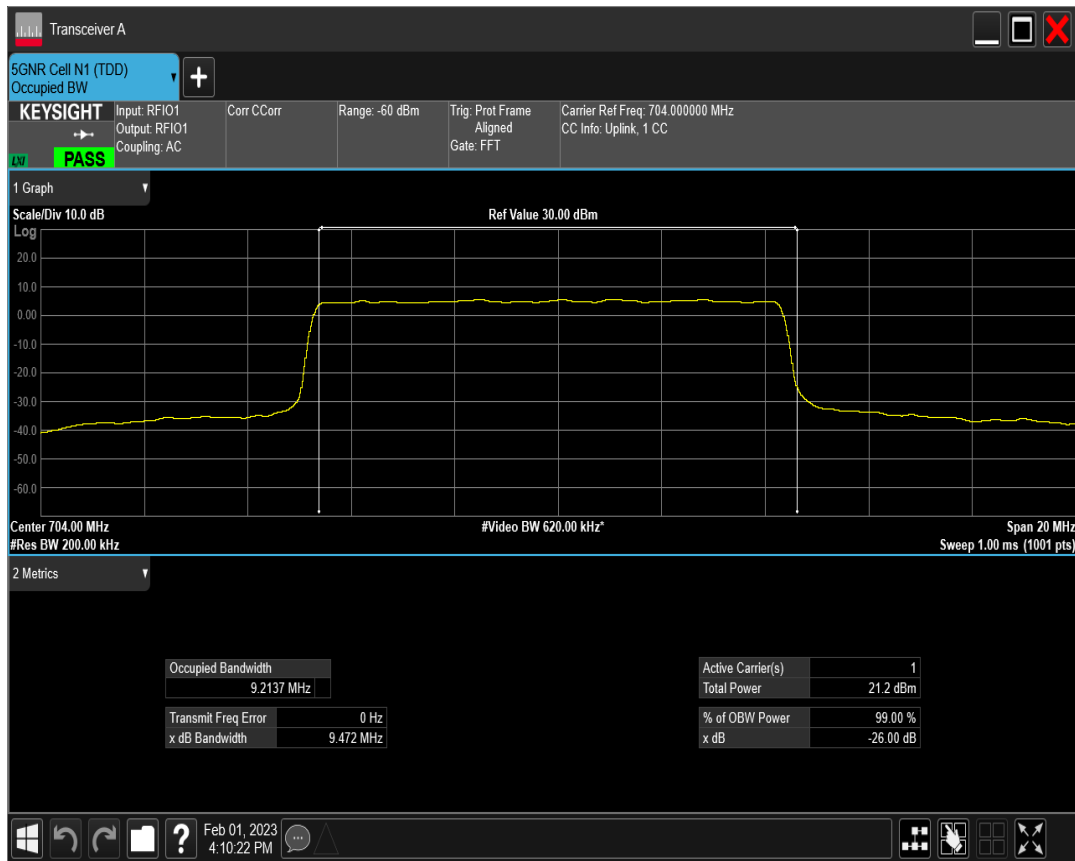
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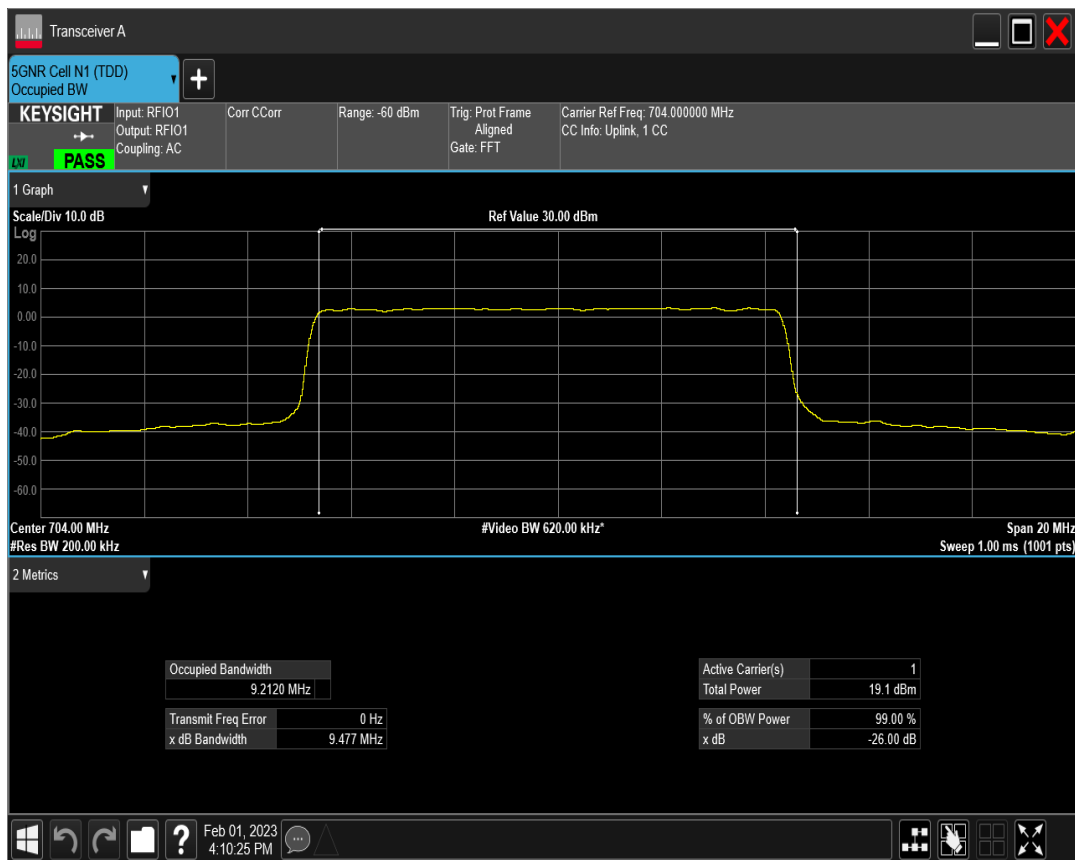
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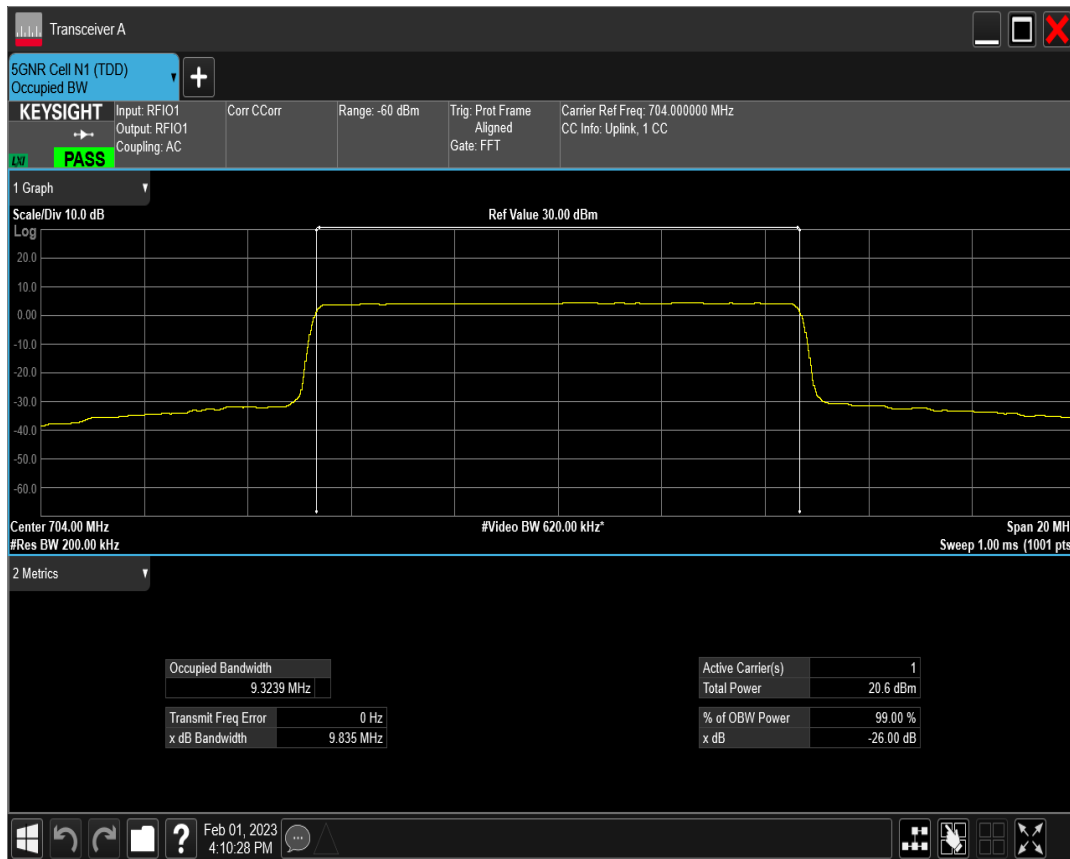
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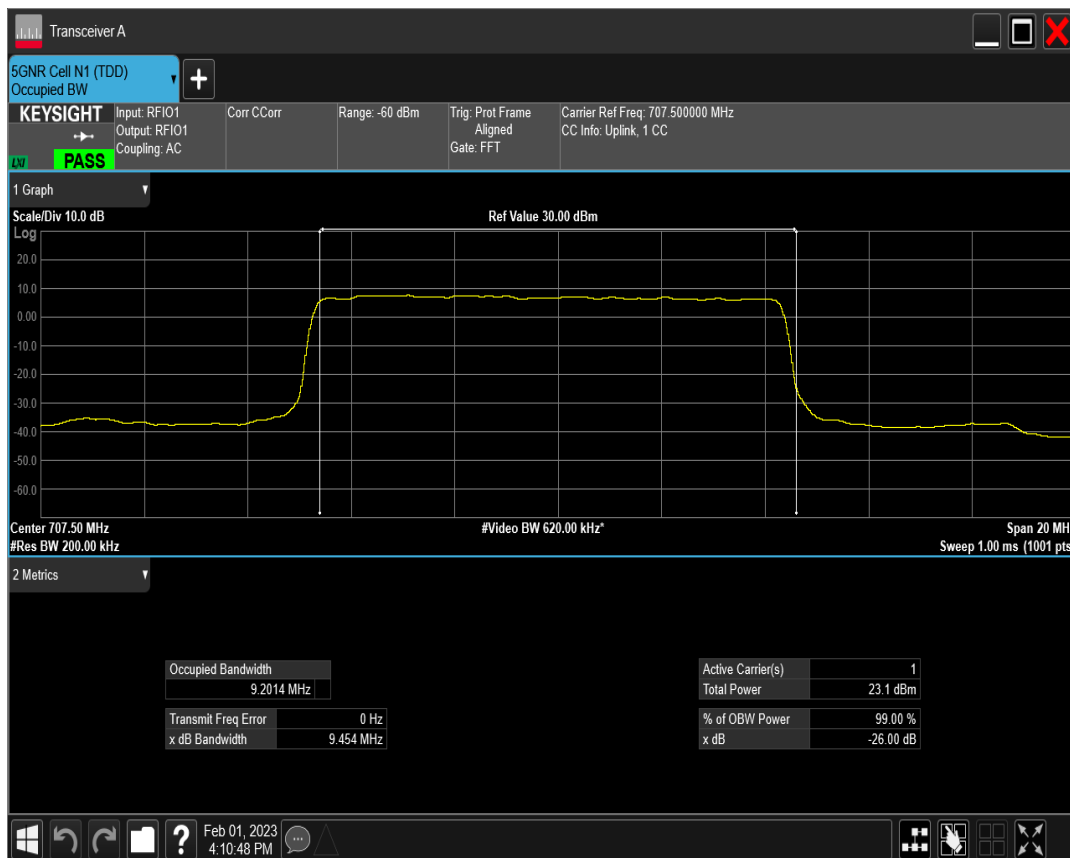
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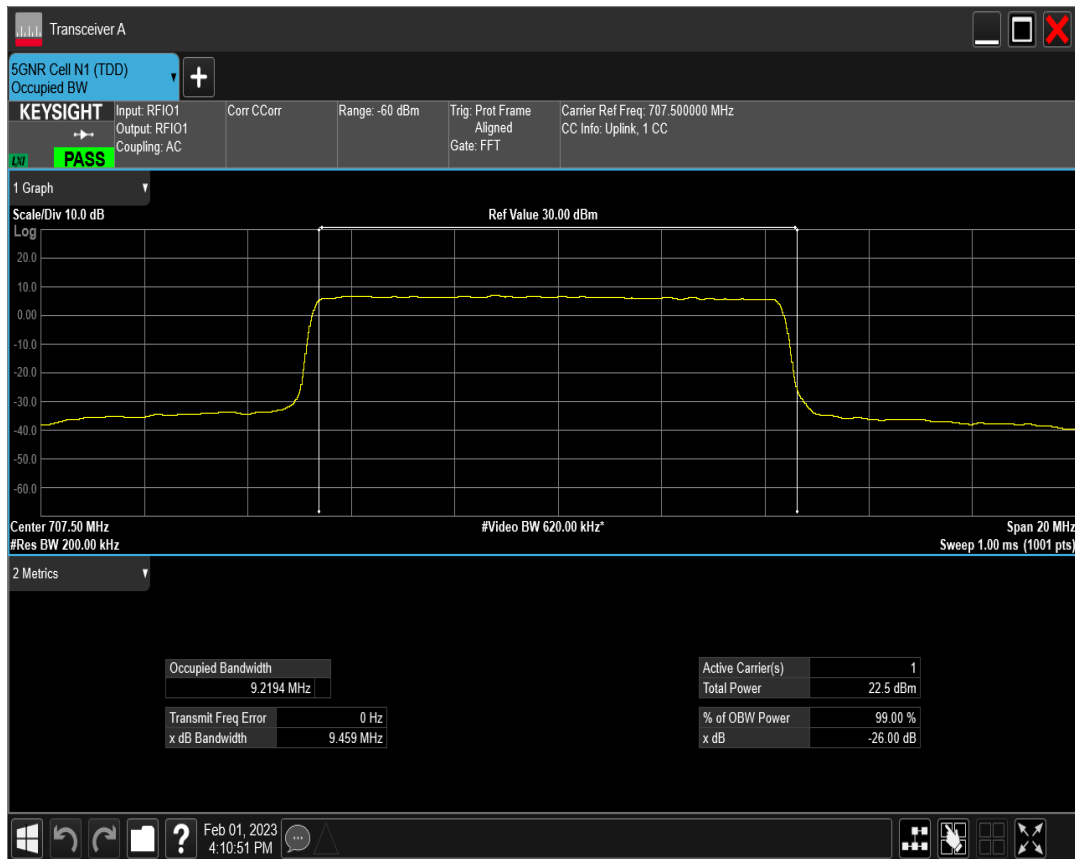
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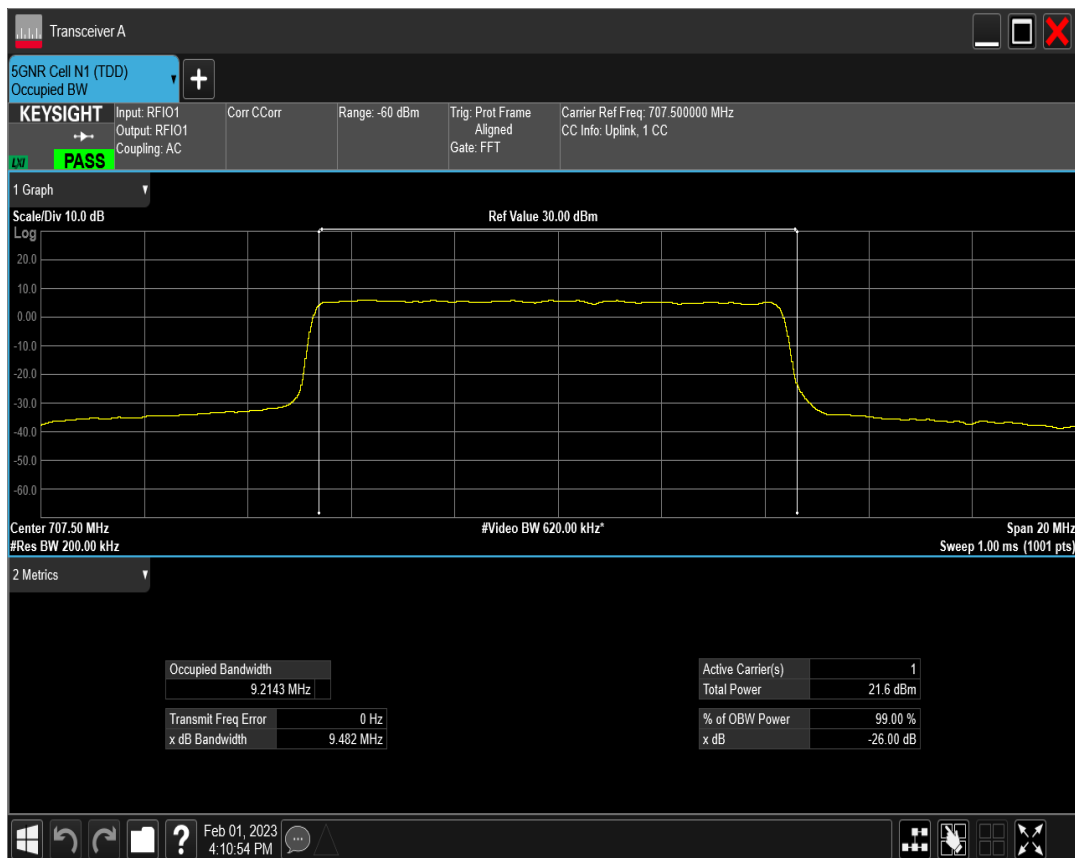
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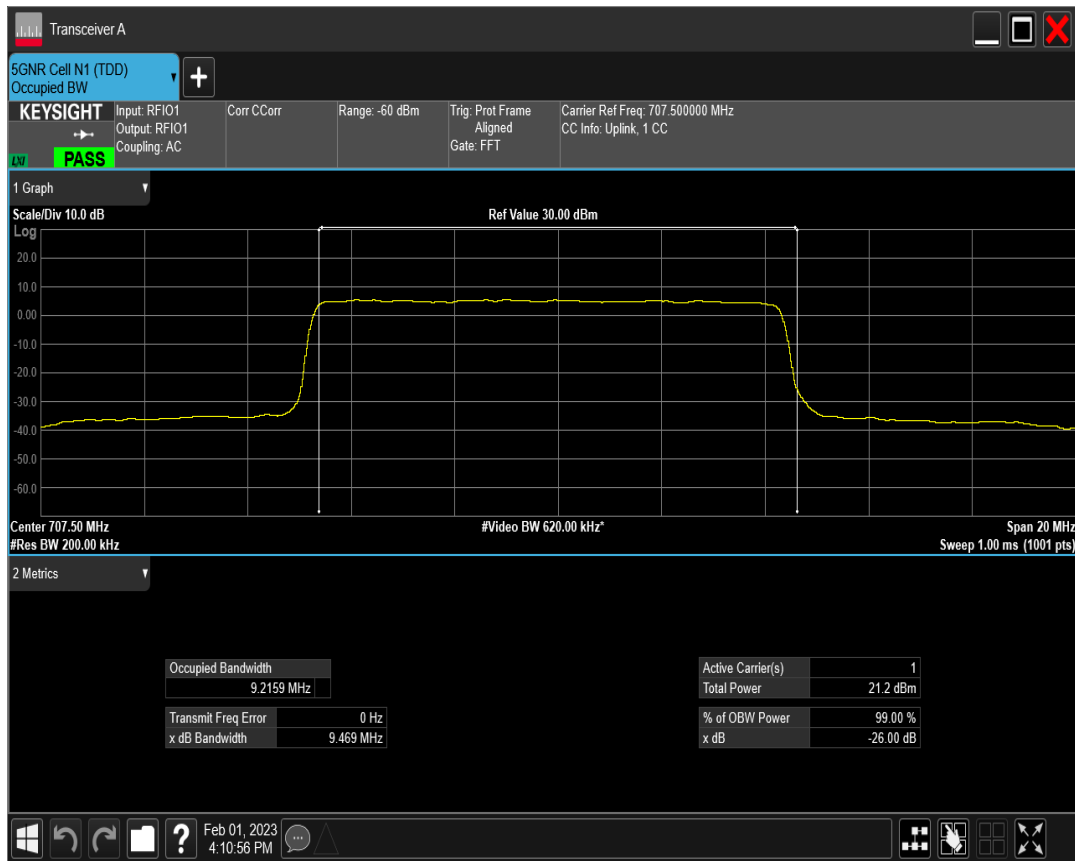
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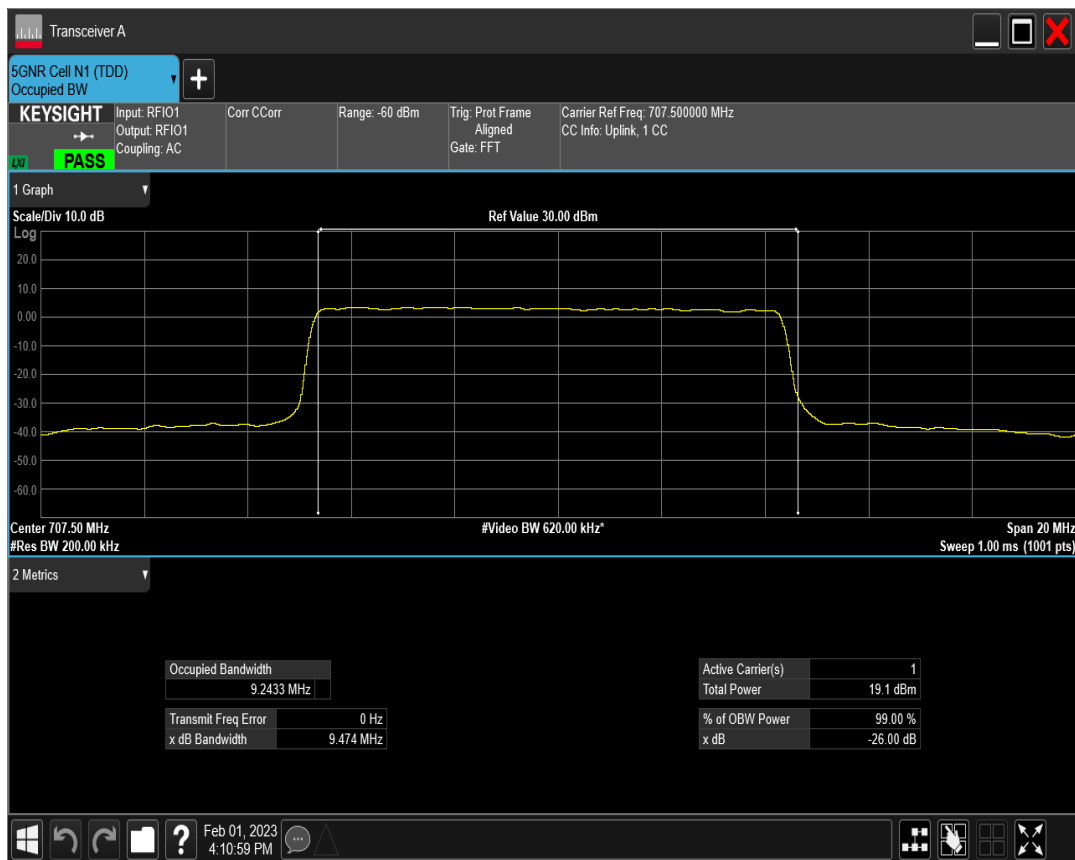
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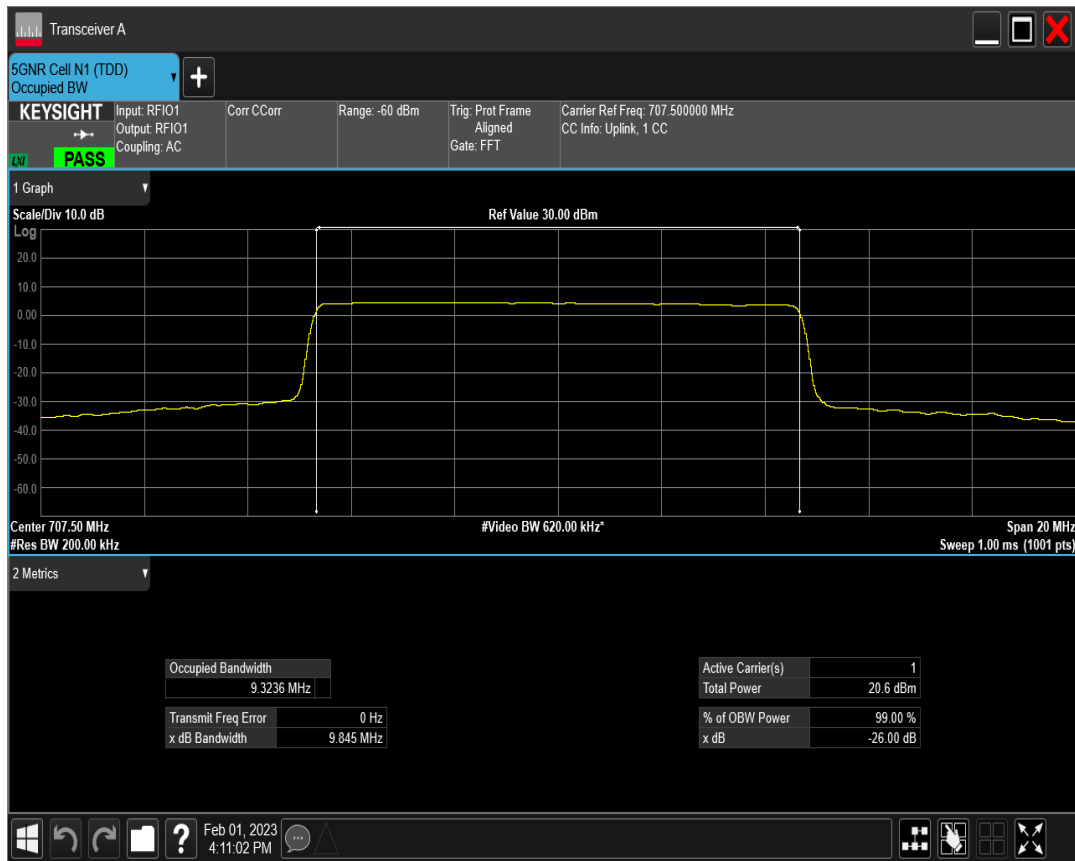
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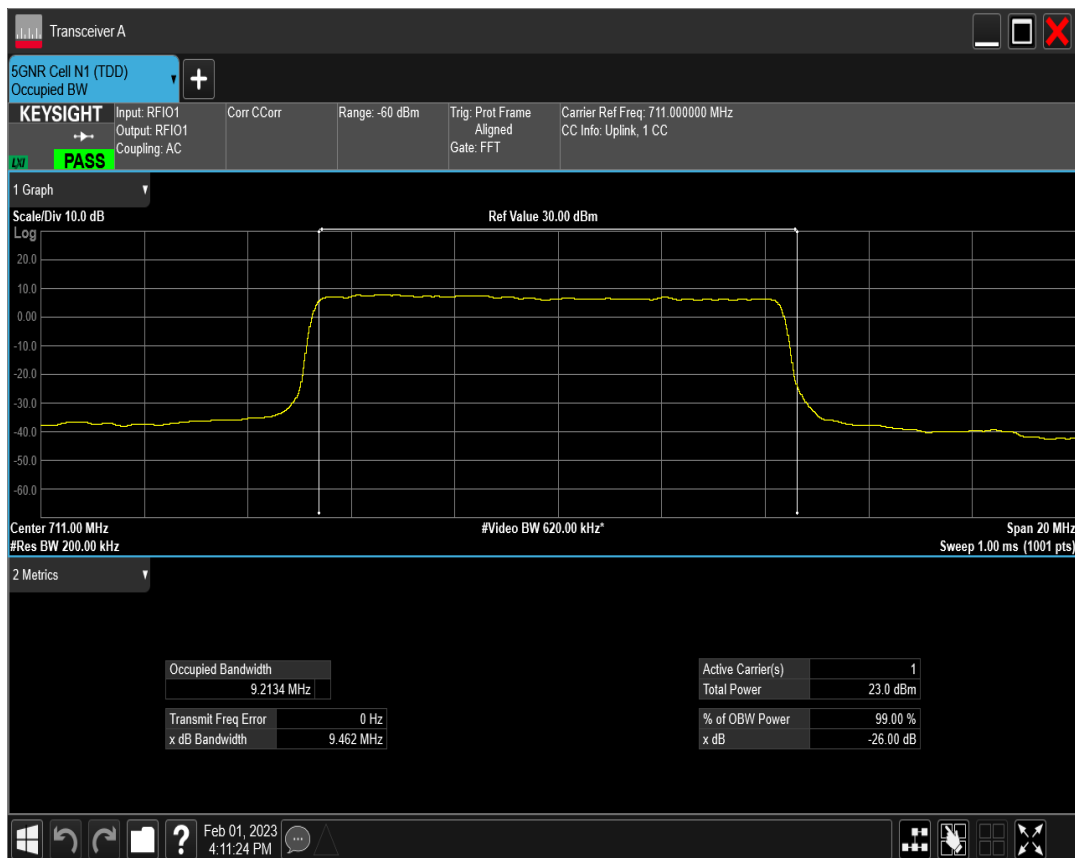
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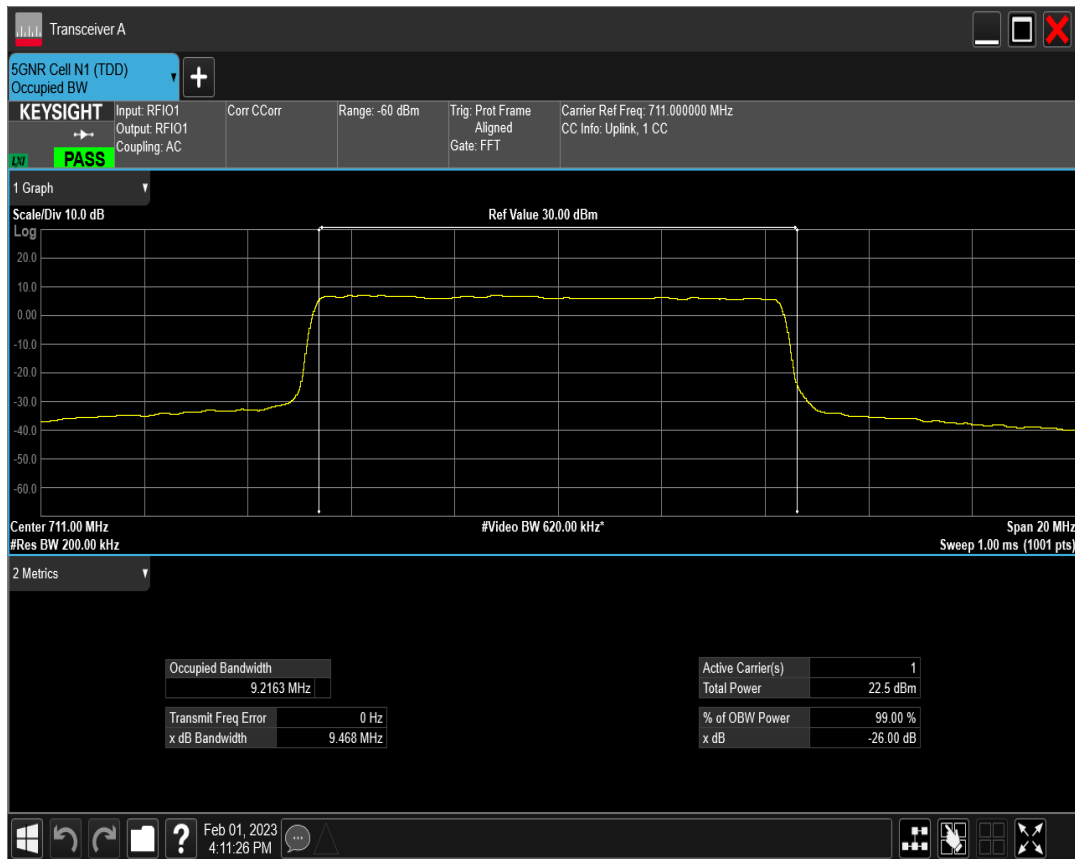
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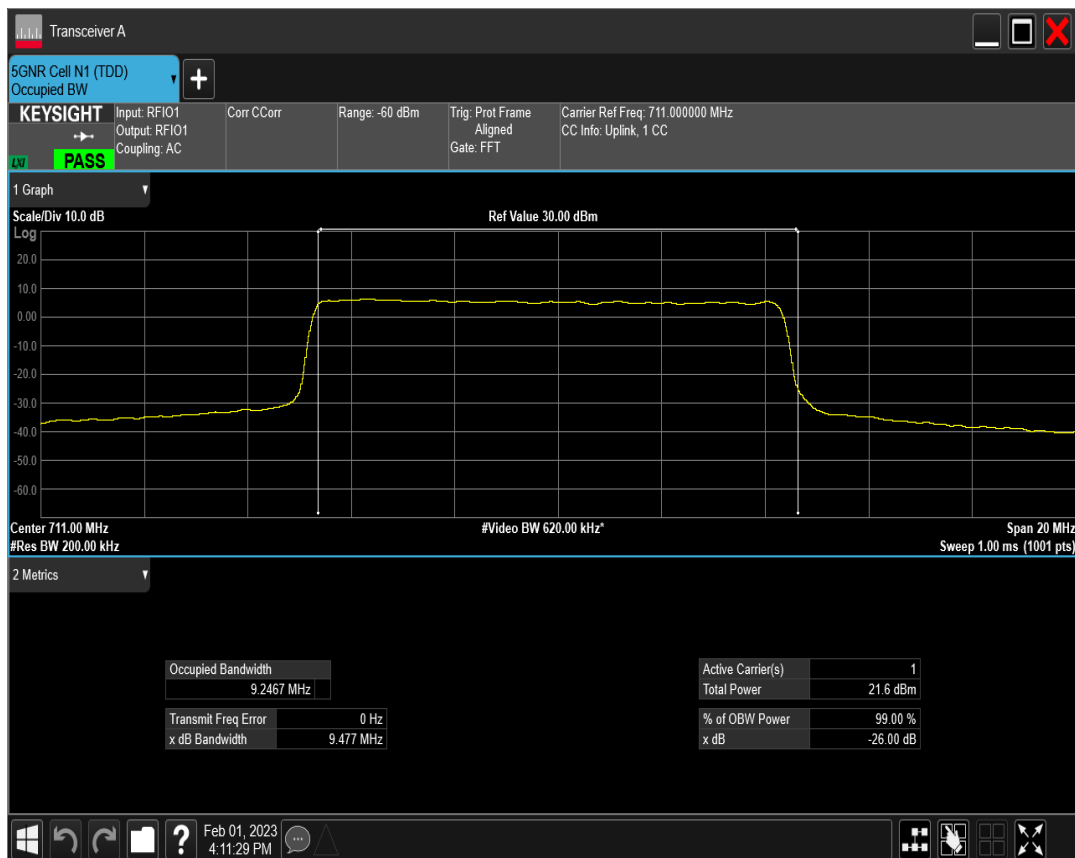
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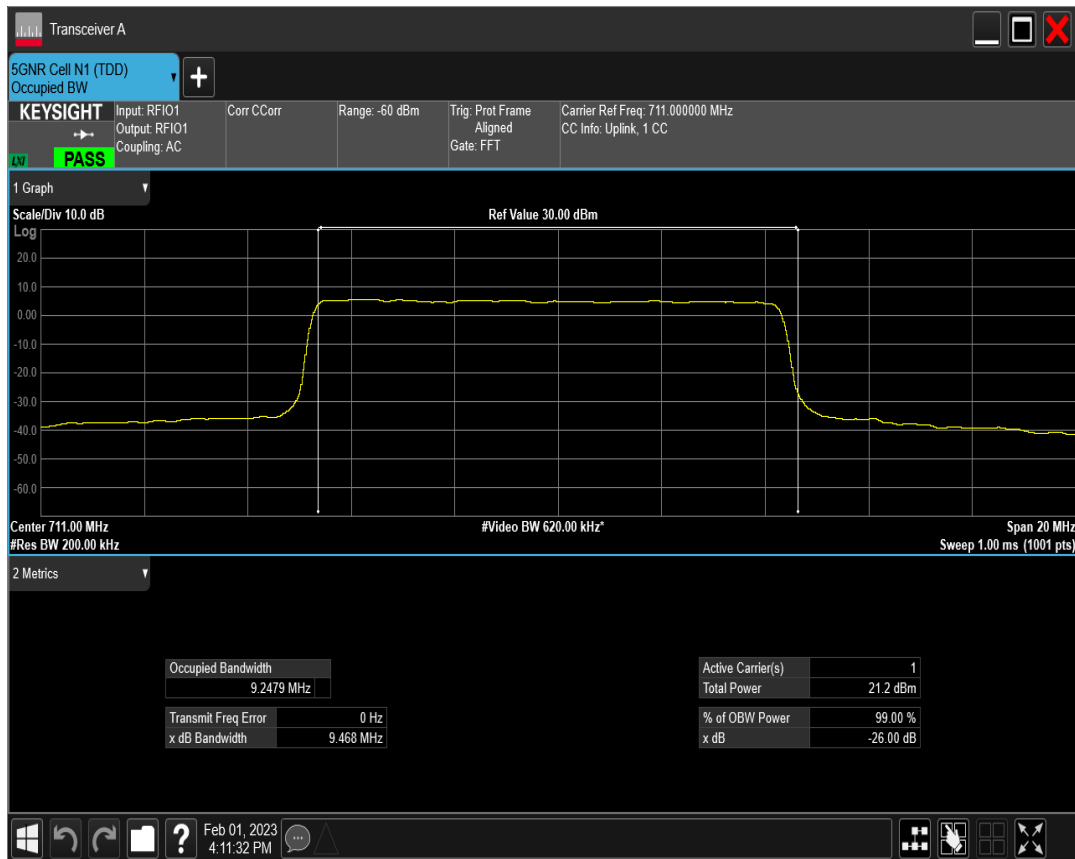
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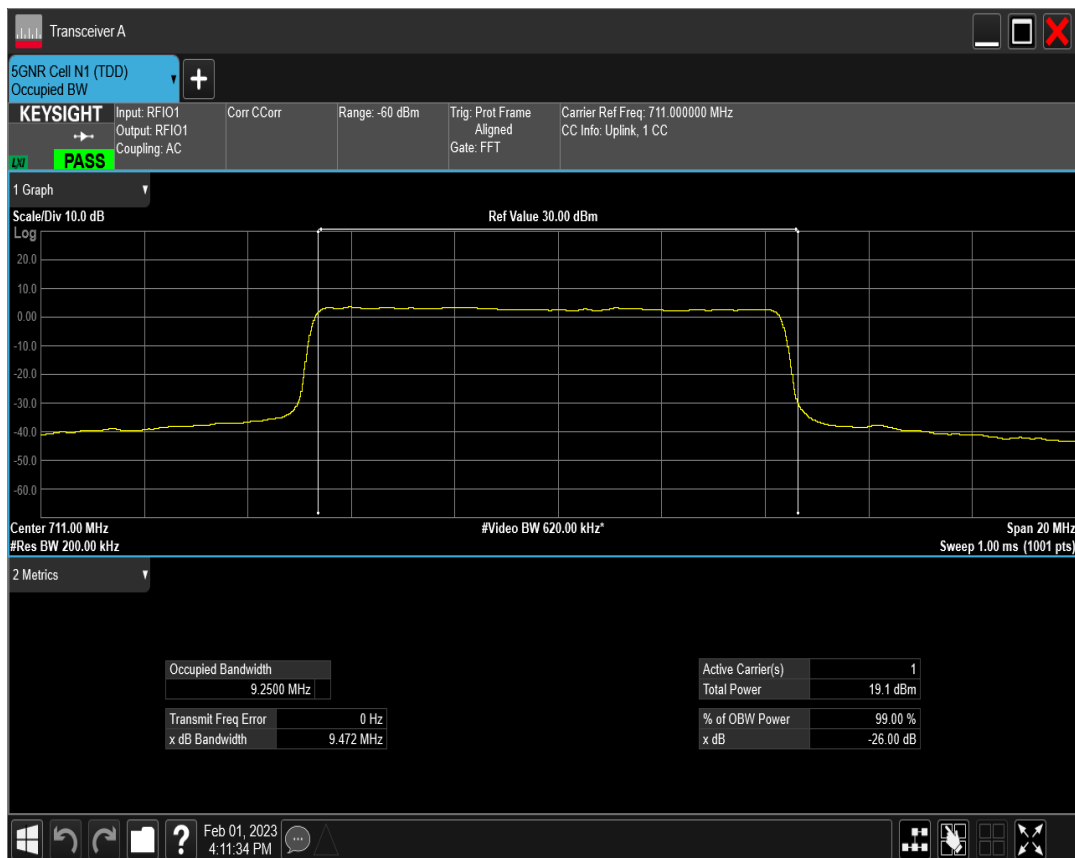
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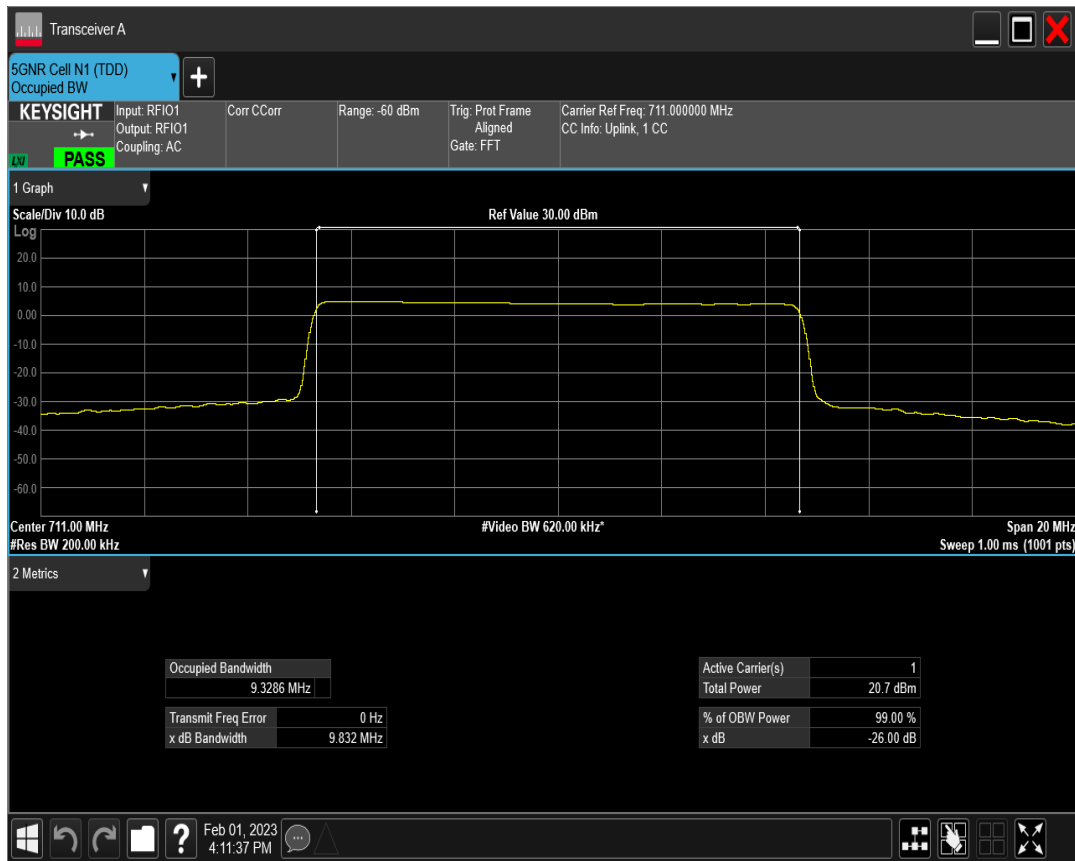
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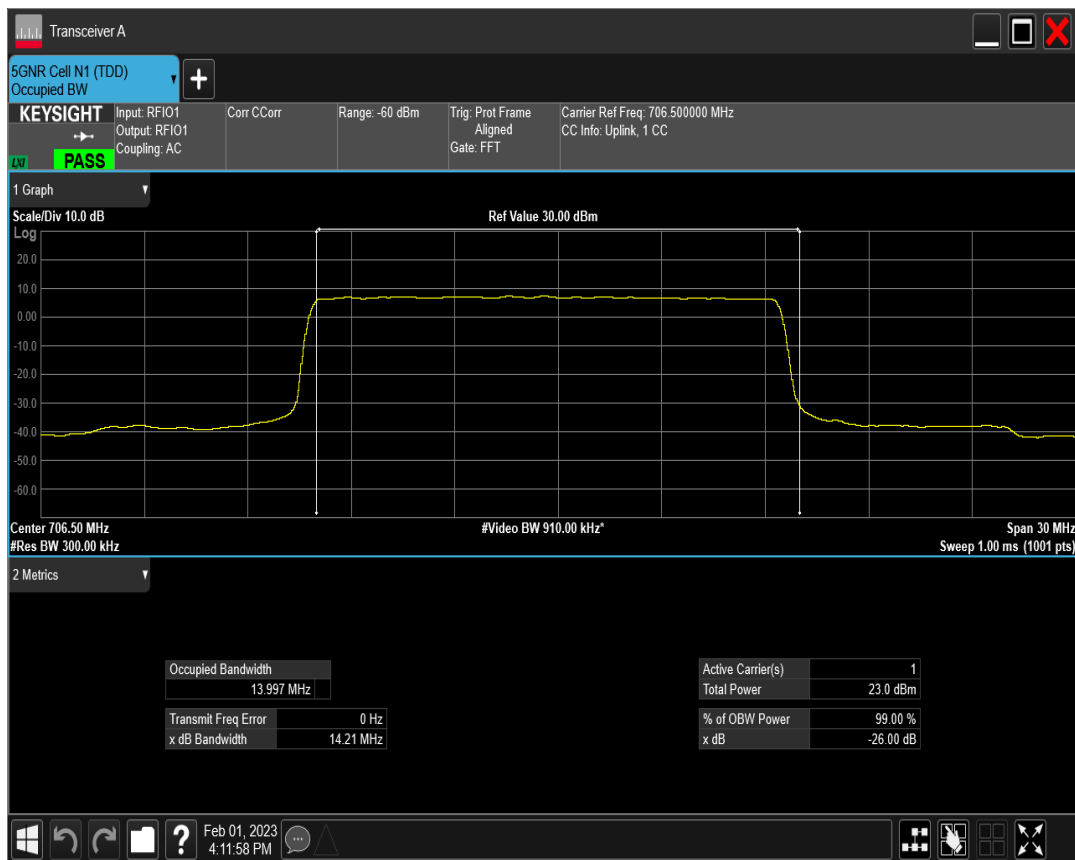
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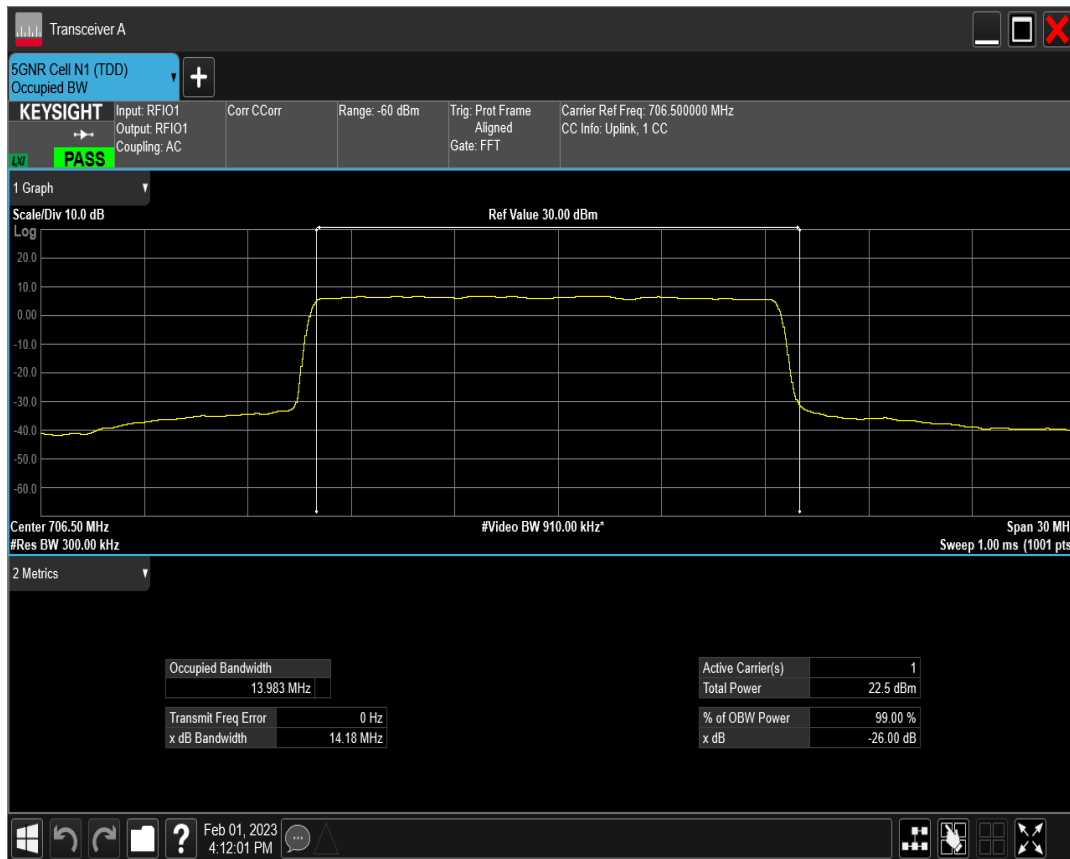
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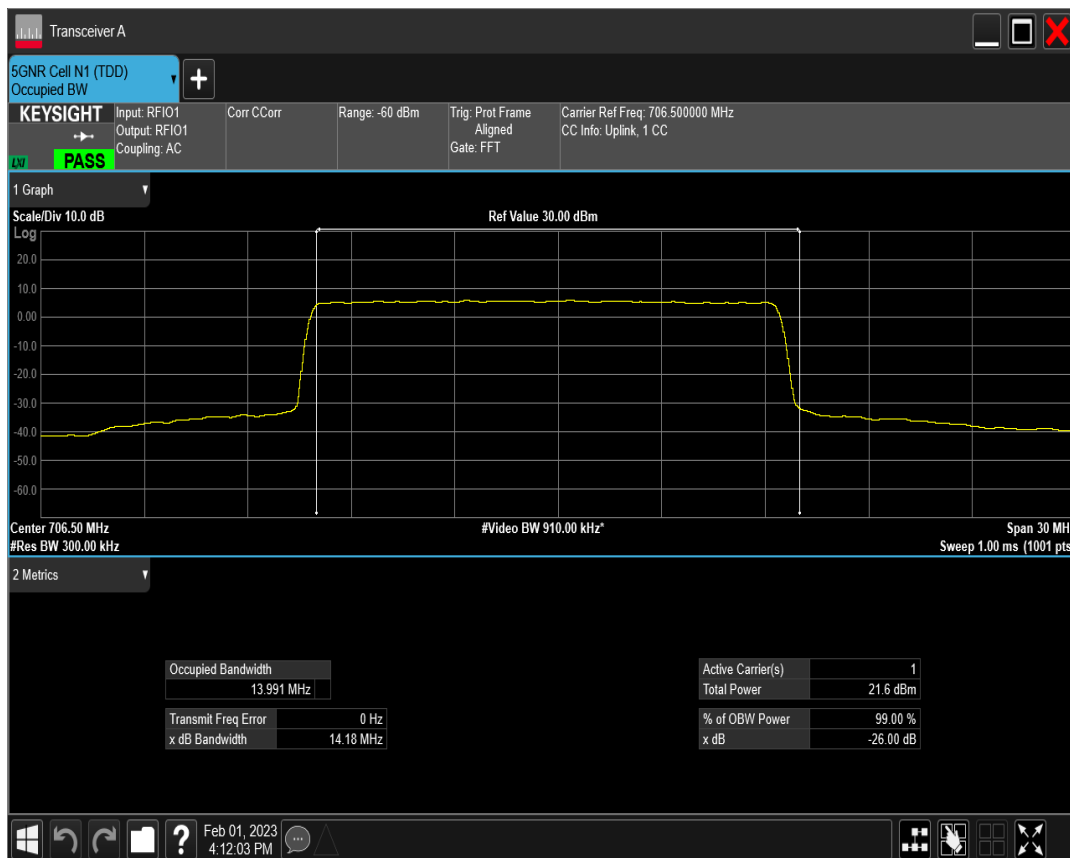
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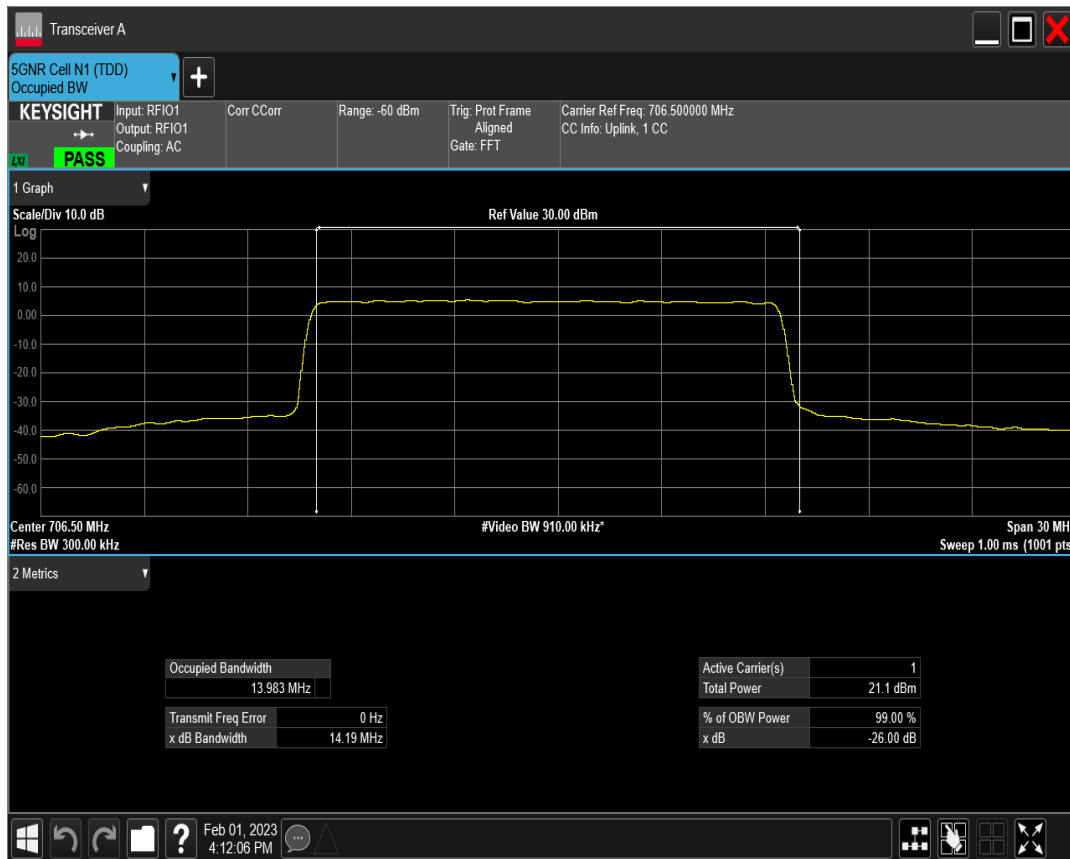
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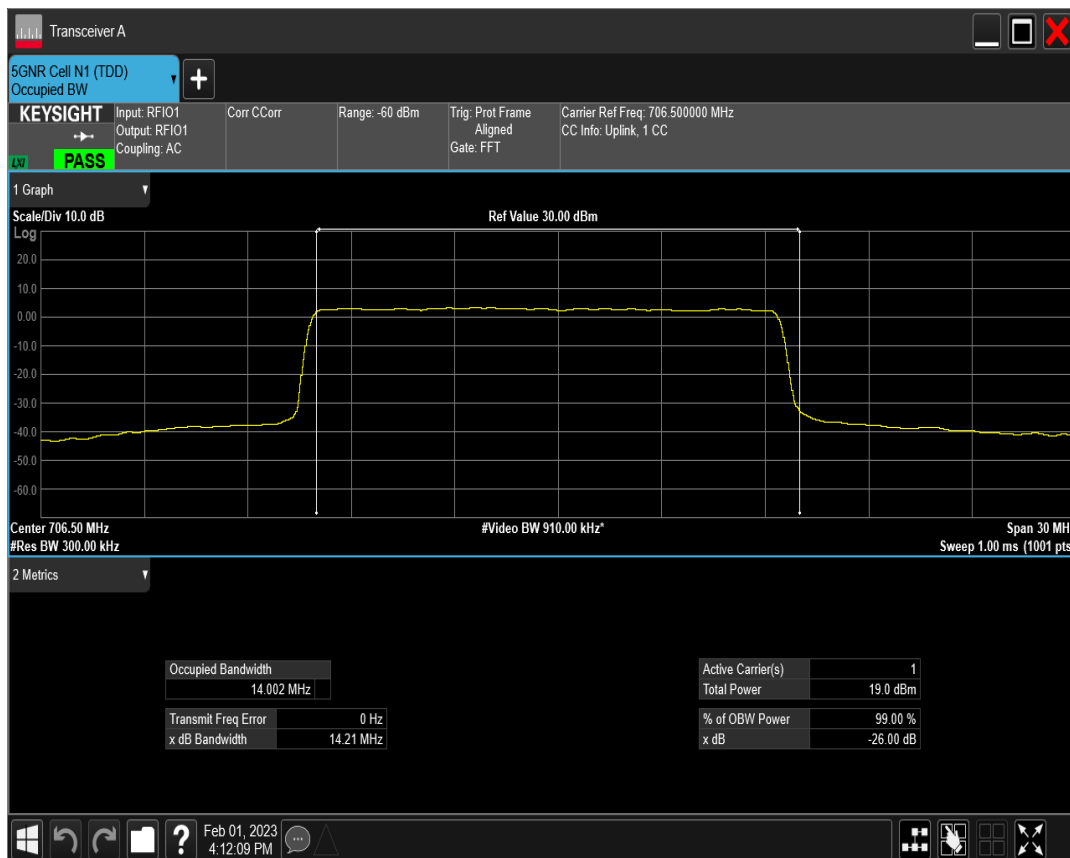
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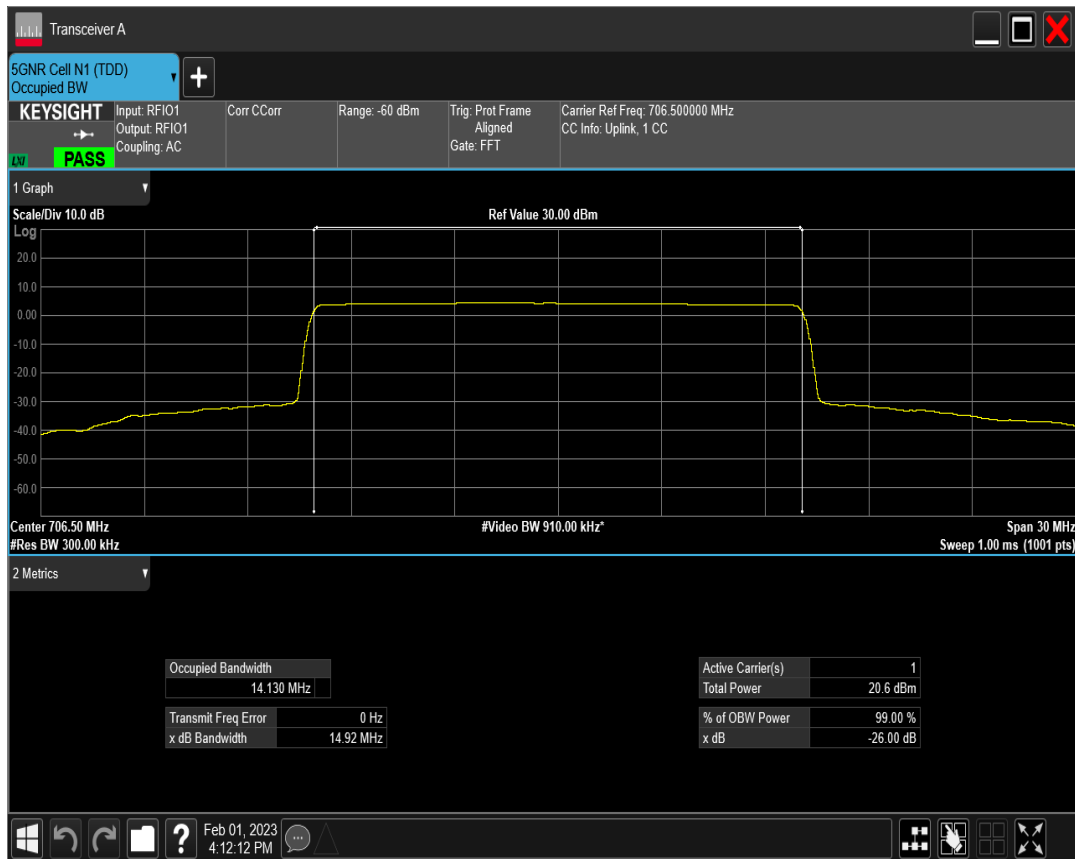
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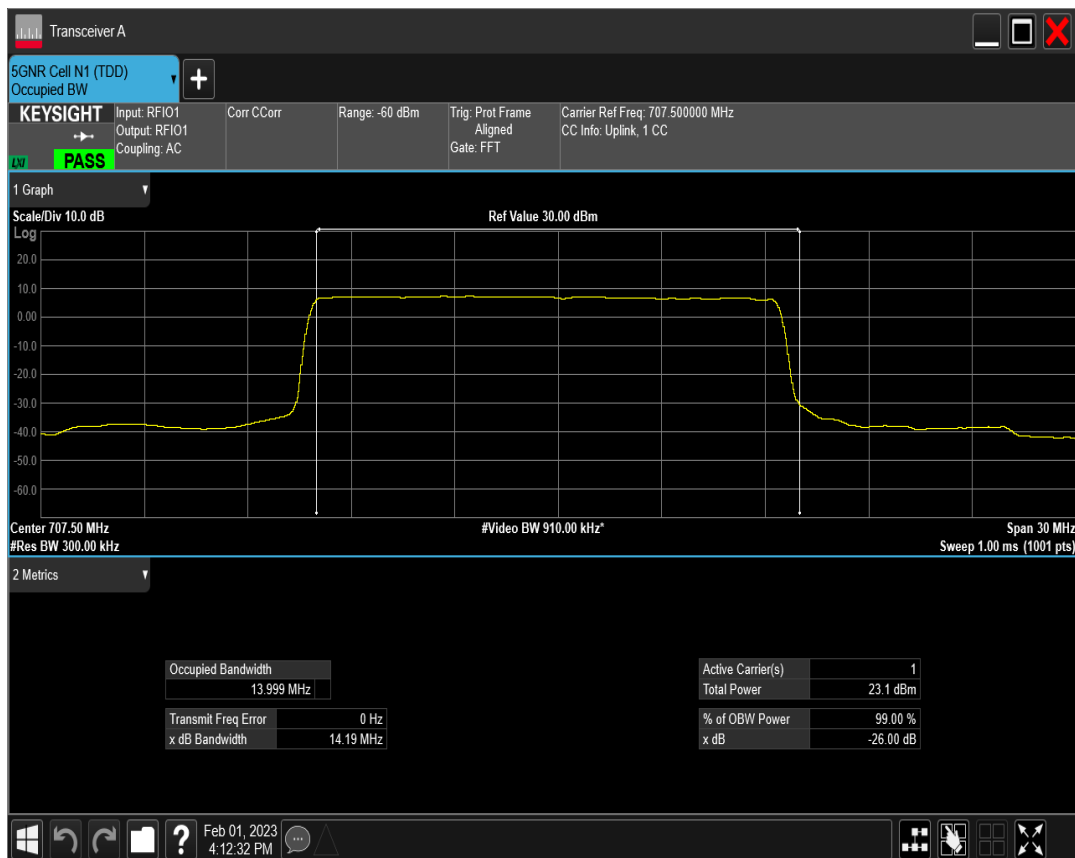
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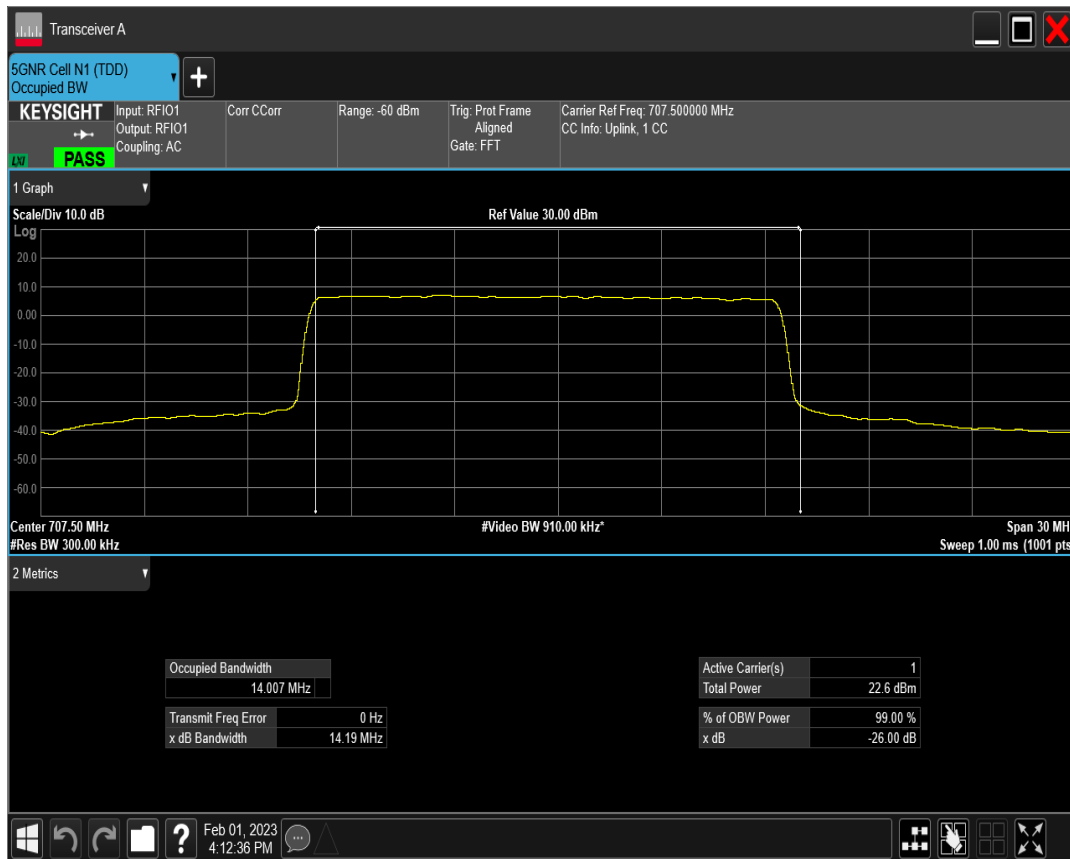
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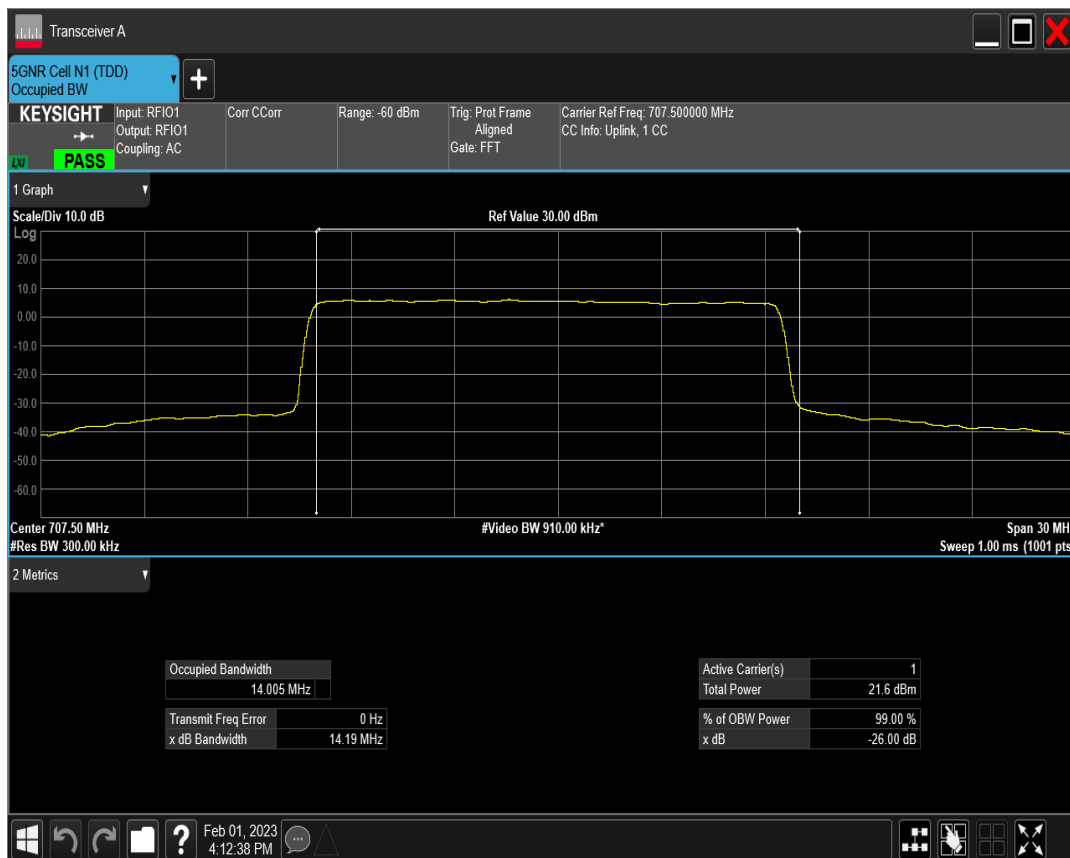
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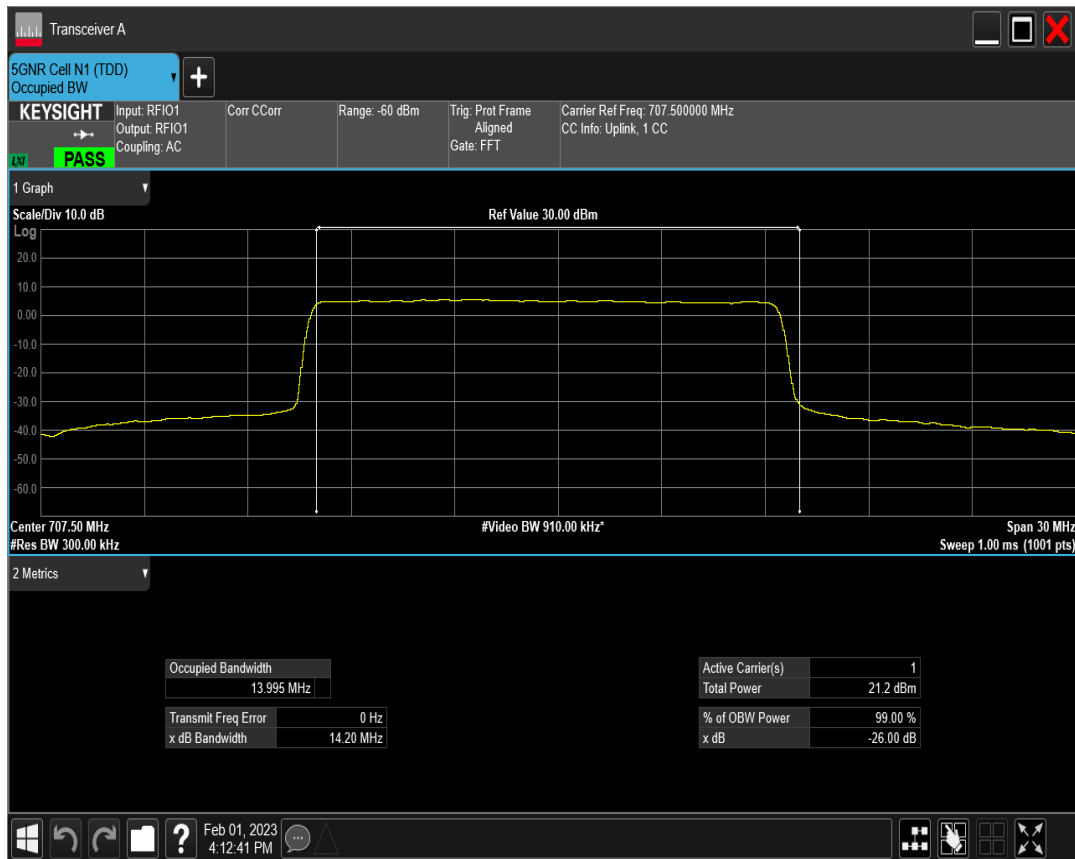
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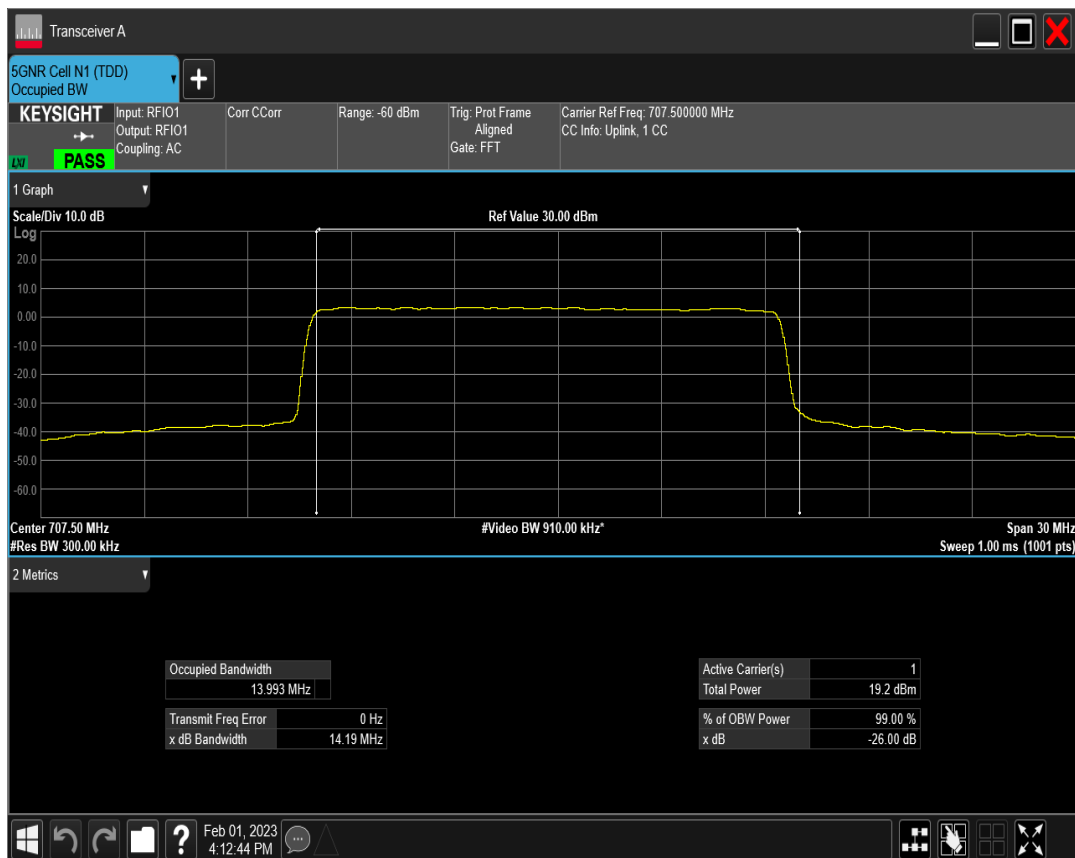
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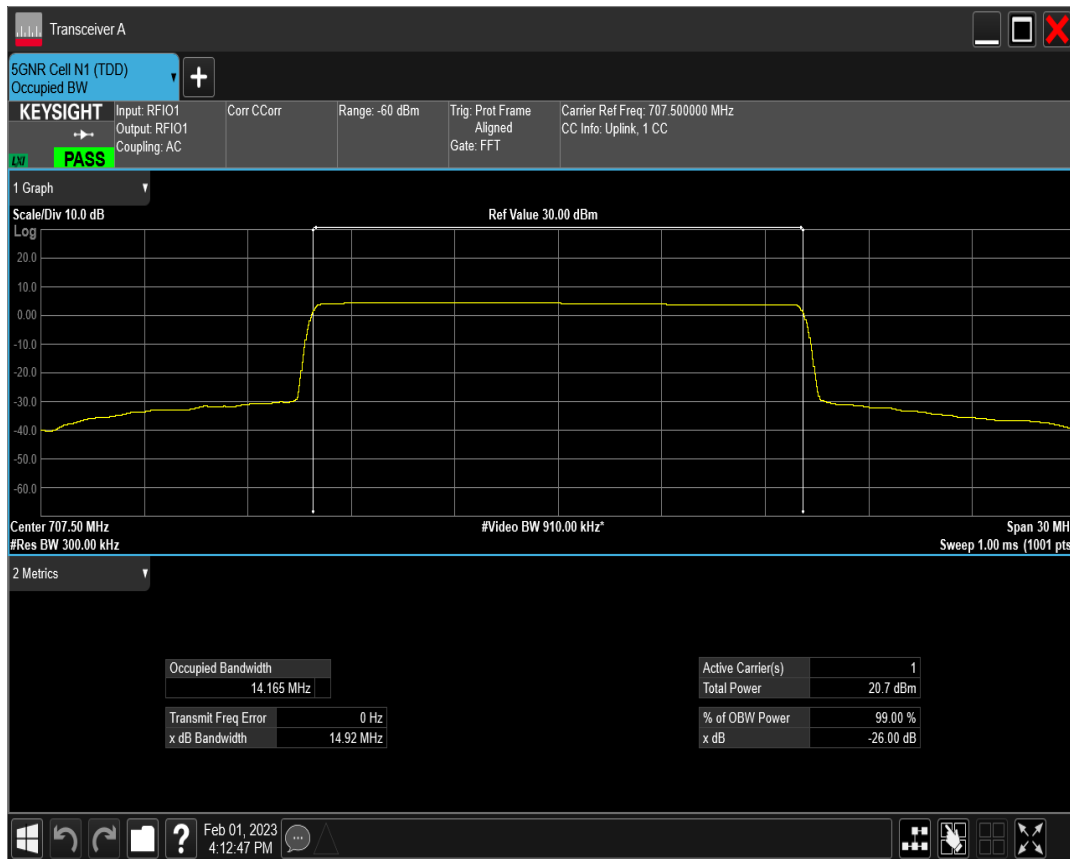
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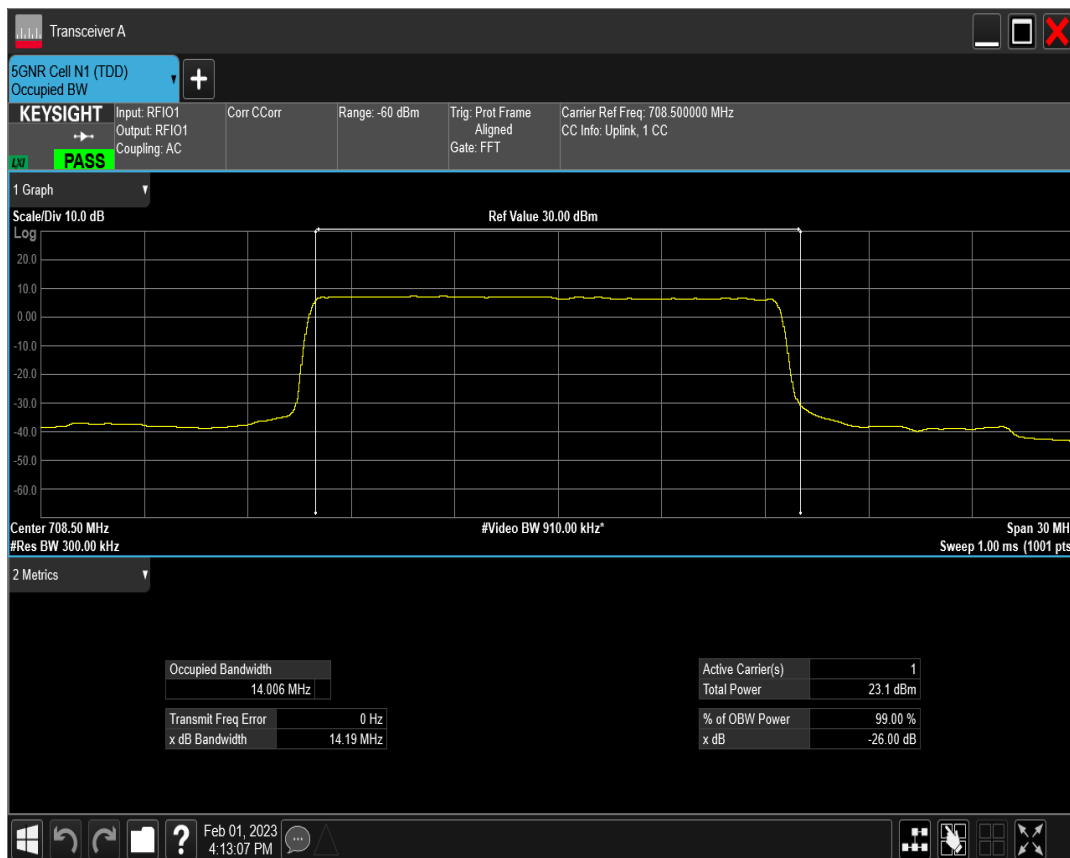
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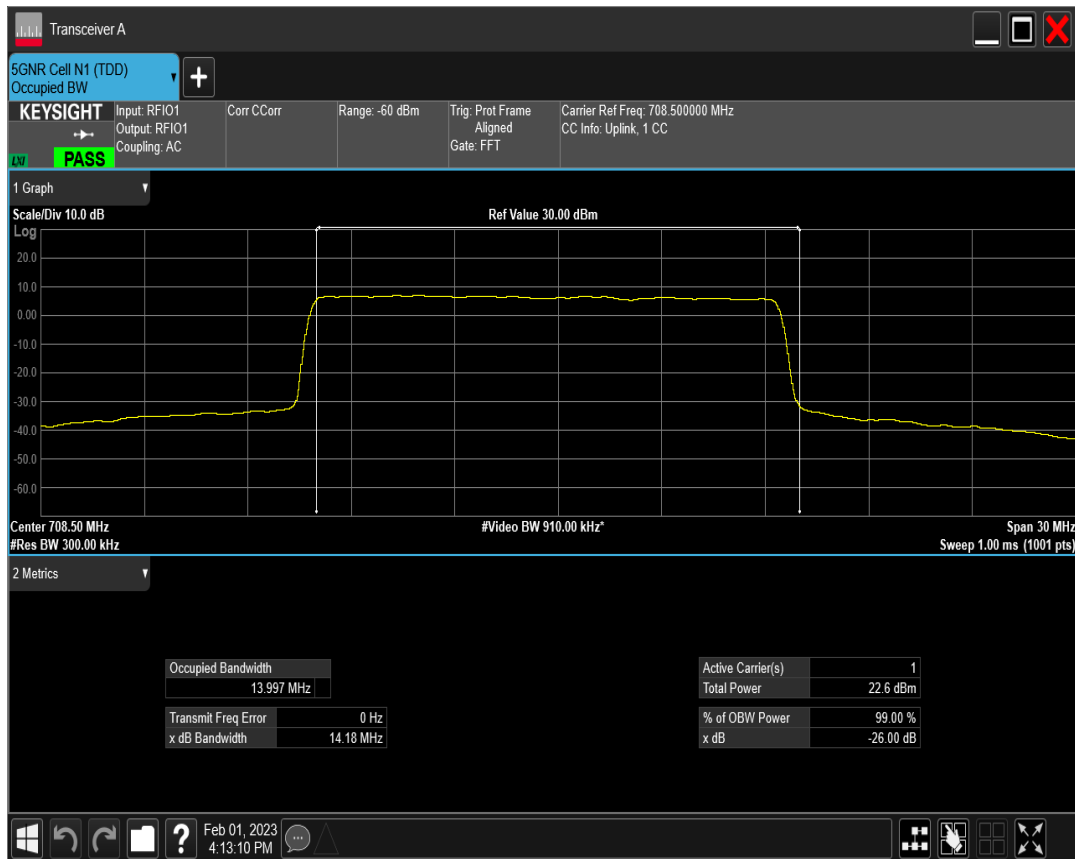
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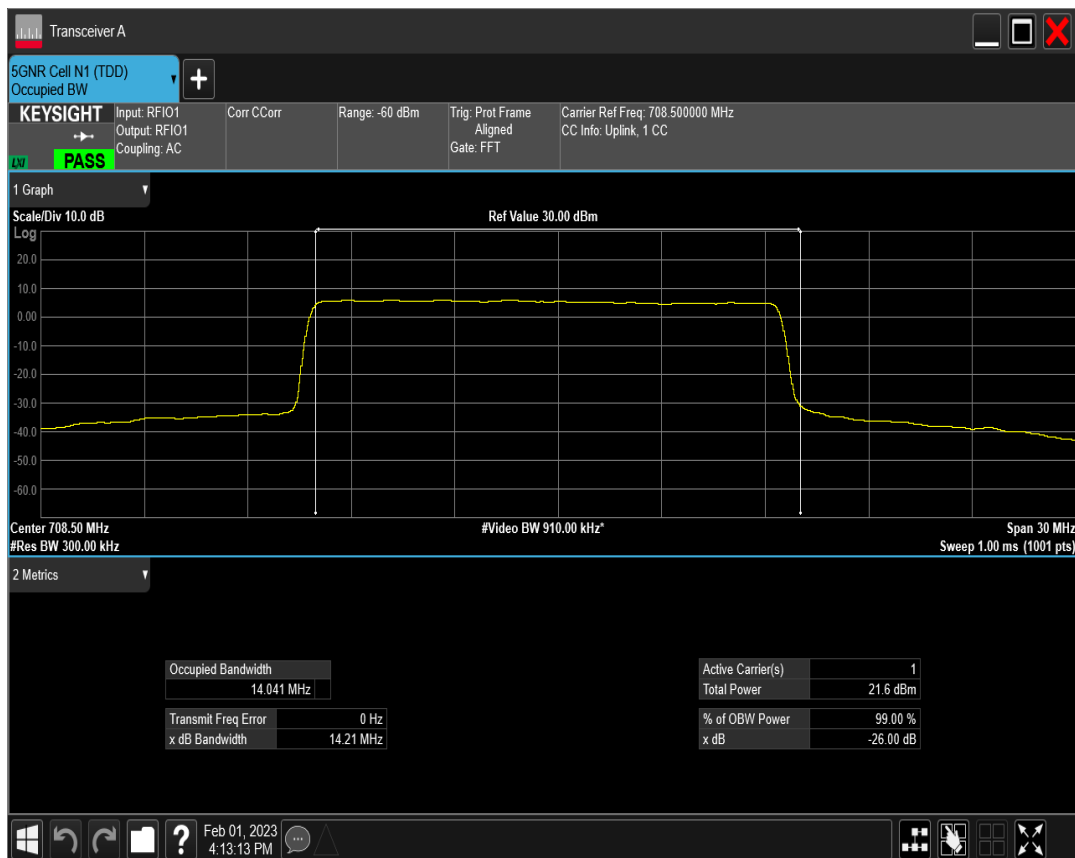
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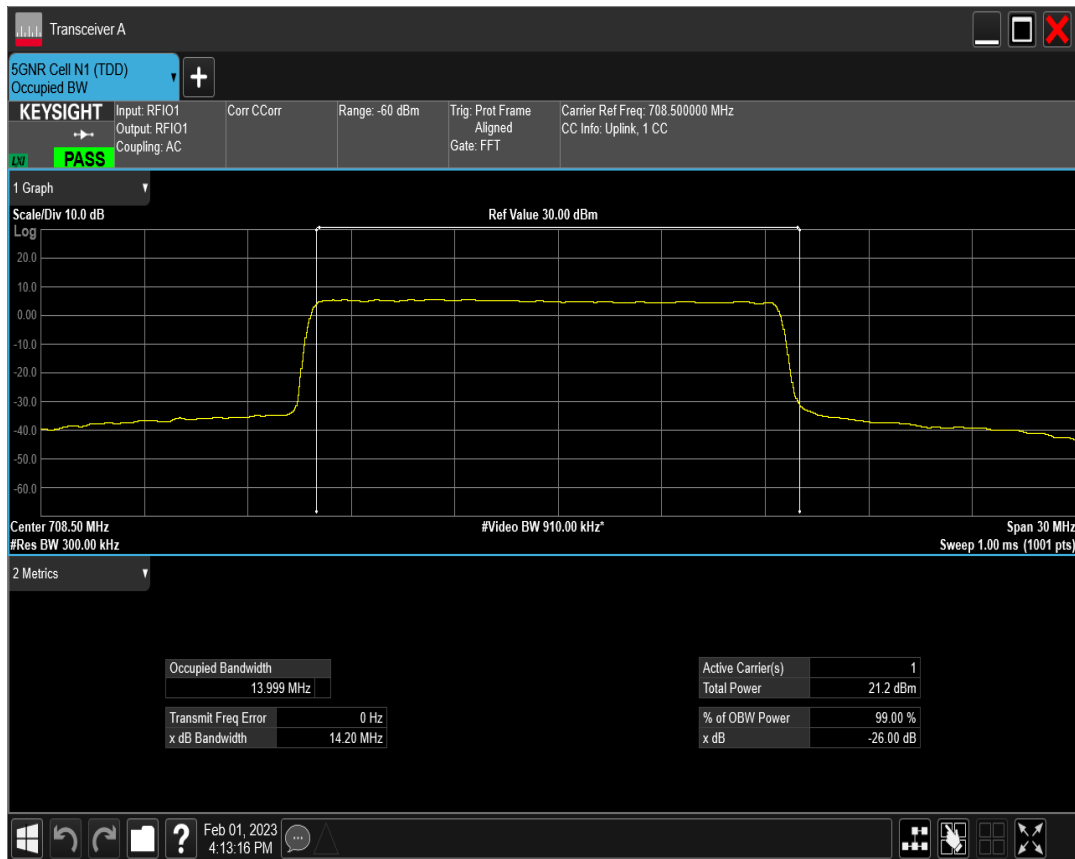
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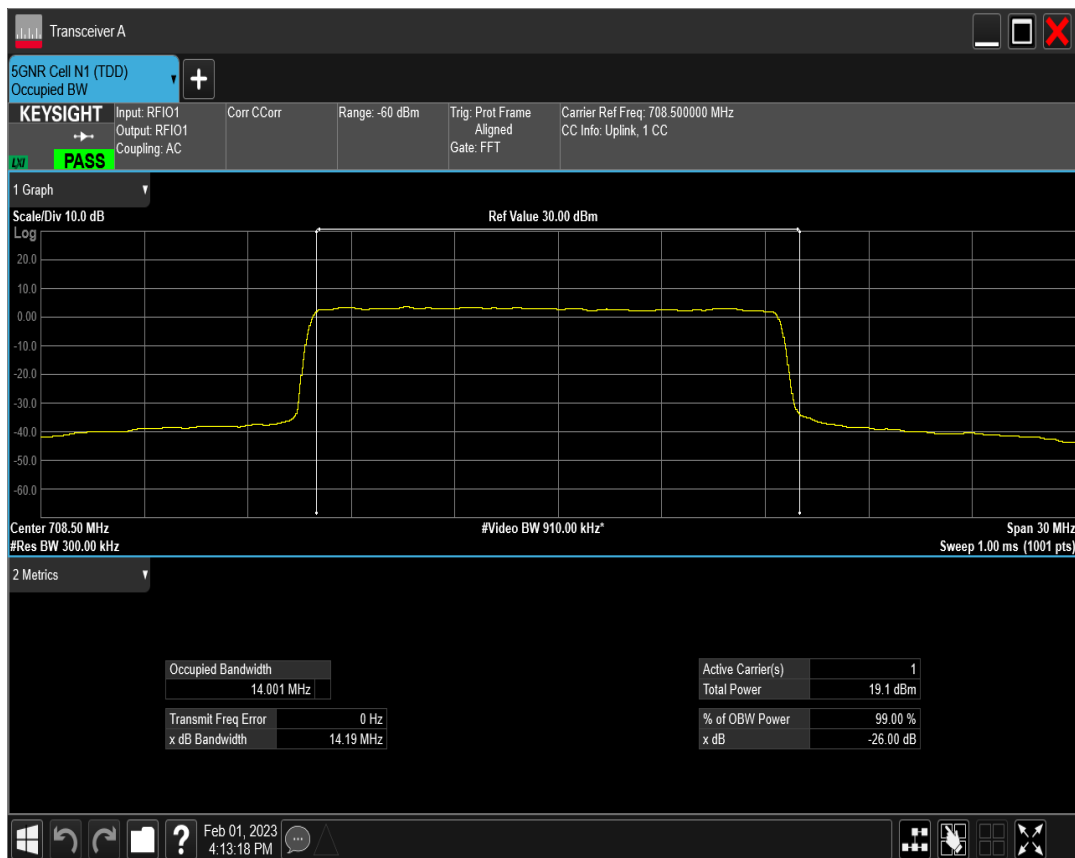
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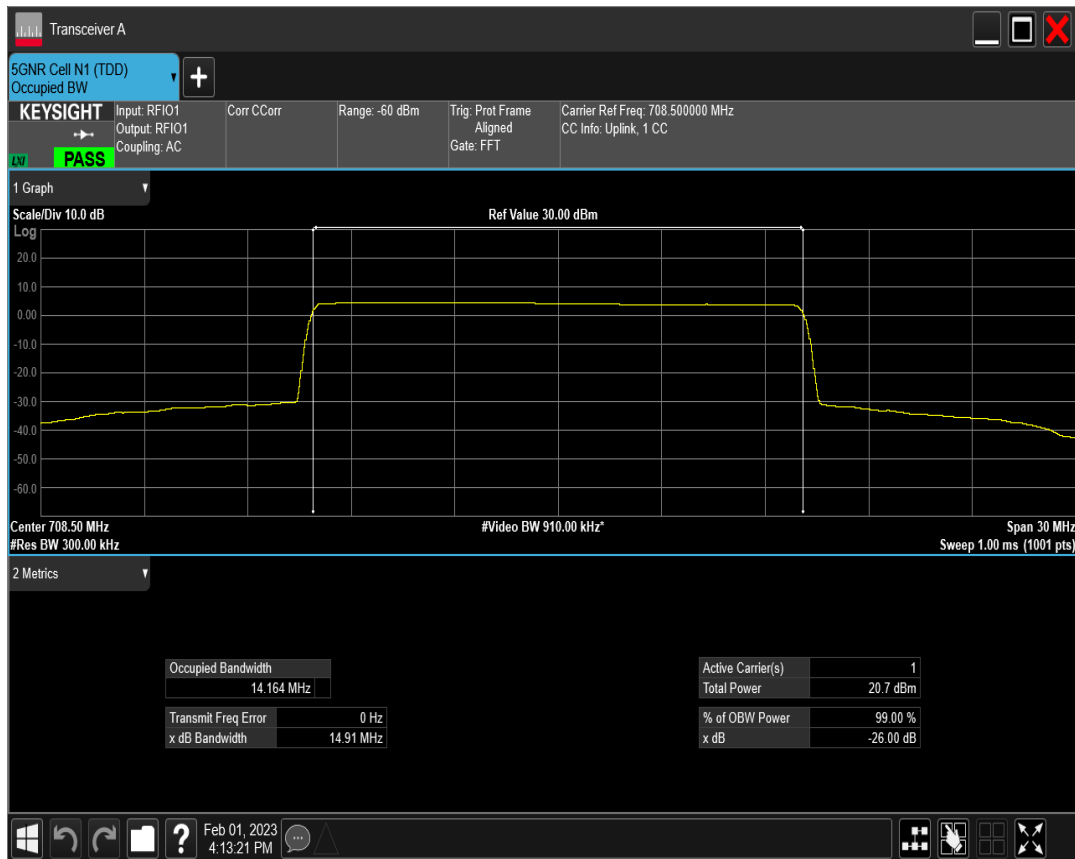
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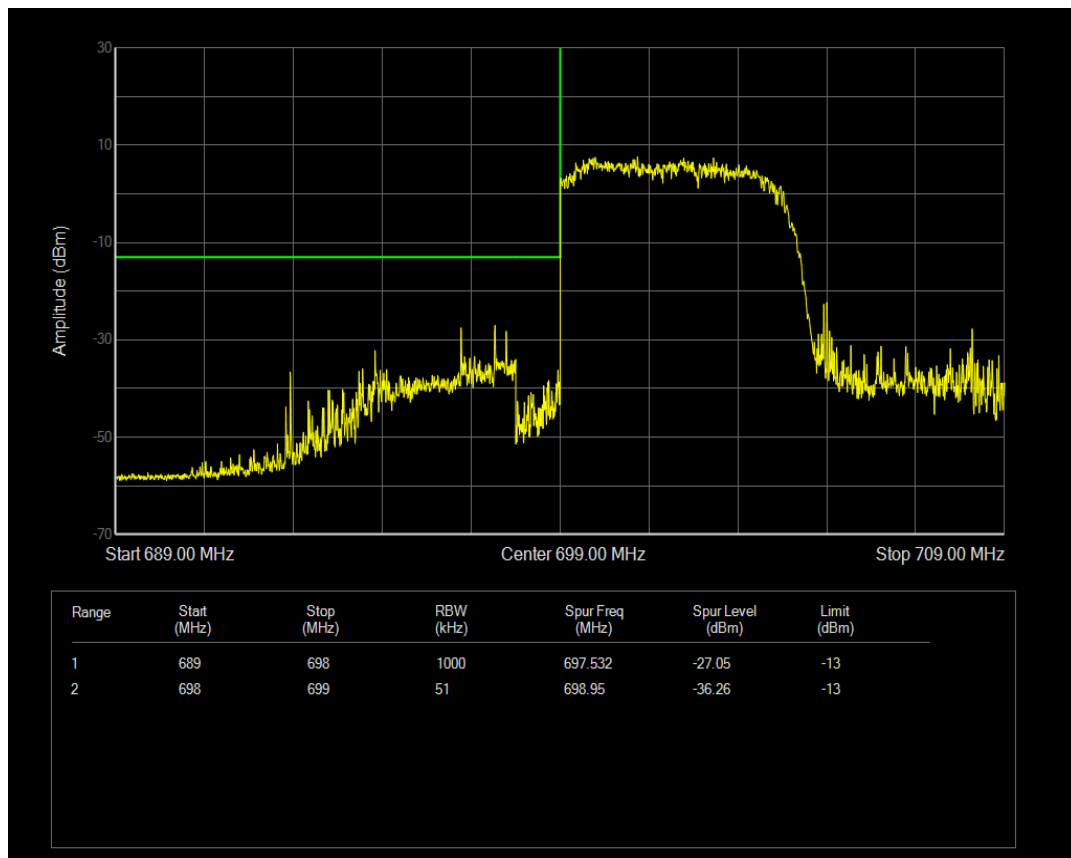
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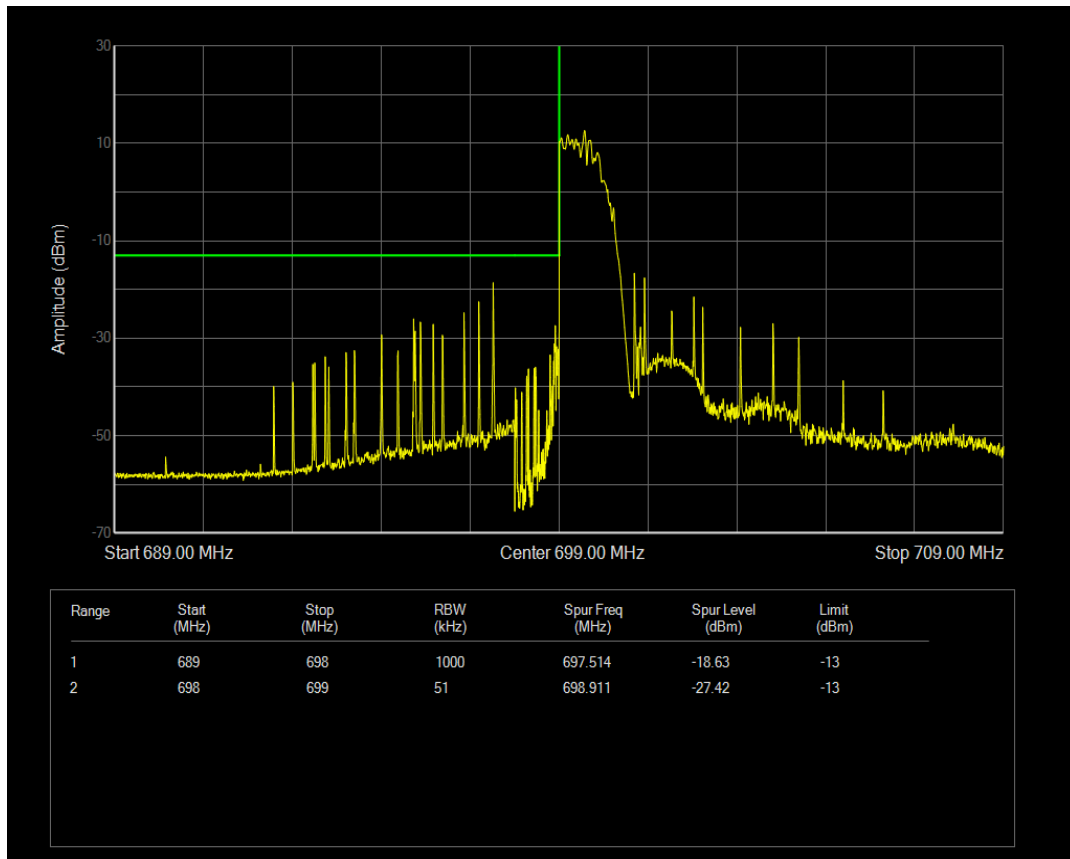
## 5 Band edge for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n12  | 15        | 5               | 140300     | 25@0          | DFT_QPSK   | 697.53          | -27.05           | -13         | PASS    |
| n12  | 15        | 5               | 140300     | 1@0           | DFT_QPSK   | 697.51          | -18.63           | -13         | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | DFT_QPSK   | 717.65          | -24.30           | -13         | PASS    |
| n12  | 15        | 5               | 142700     | 1@24          | DFT_QPSK   | 717.06          | -19.19           | -13         | PASS    |
| n12  | 15        | 15              | 141300     | 75@0          | DFT_QPSK   | 695.99          | -33.04           | -13         | PASS    |
| n12  | 15        | 15              | 141300     | 1@0           | DFT_QPSK   | 699.00          | -21.79           | -13         | PASS    |
| n12  | 15        | 15              | 141700     | 75@0          | DFT_QPSK   | 717.36          | -32.99           | -13         | PASS    |
| n12  | 15        | 15              | 141700     | 1@78          | DFT_QPSK   | 716.28          | -25.76           | -13         | PASS    |

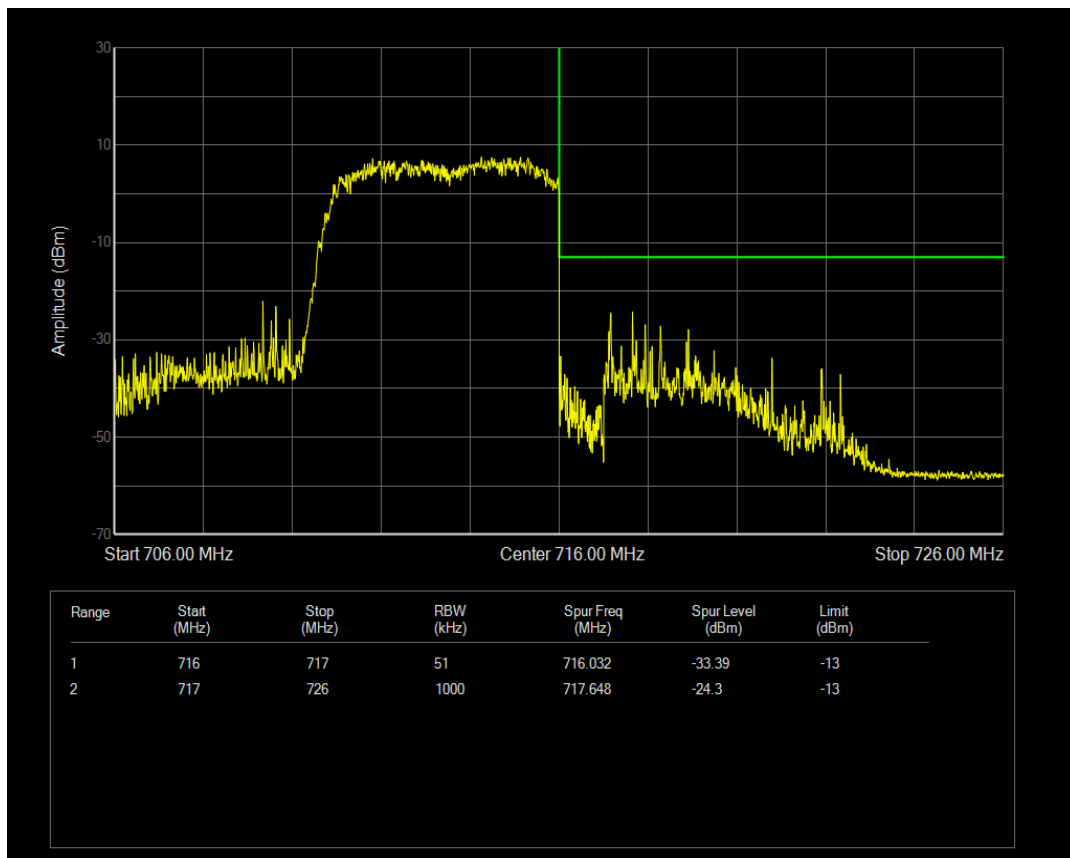
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=140300 RB=25@0



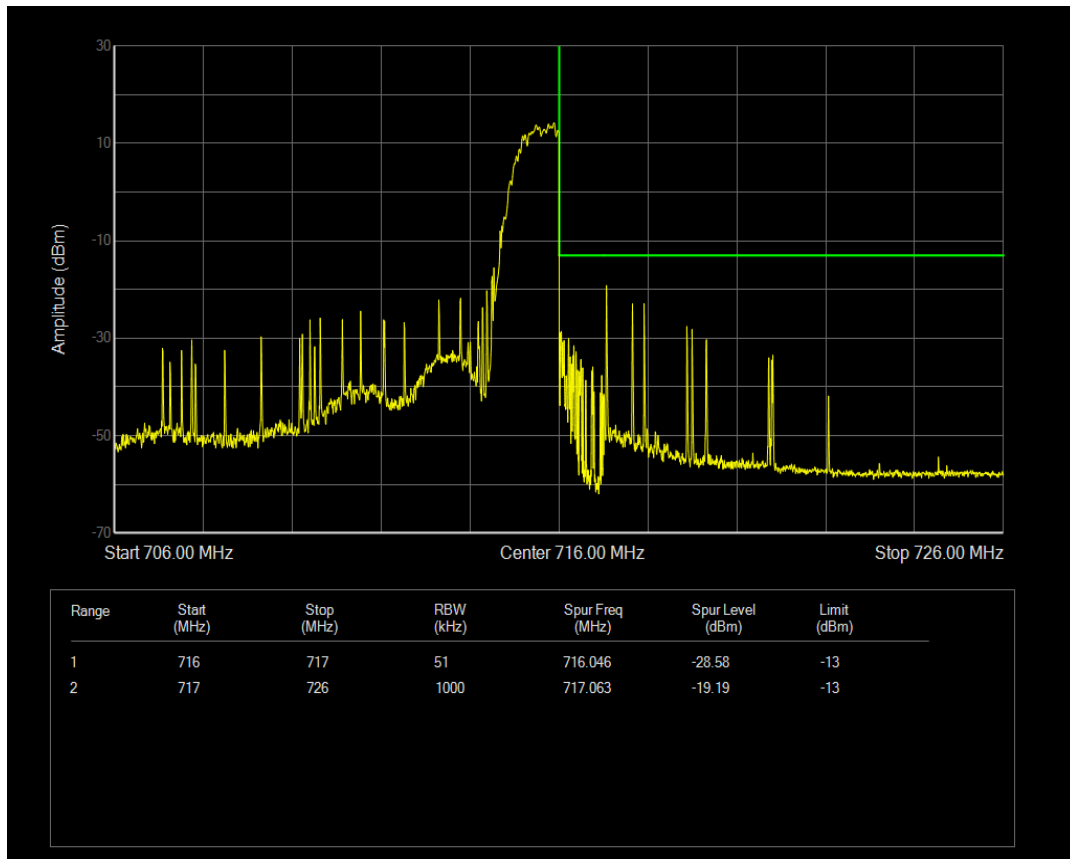
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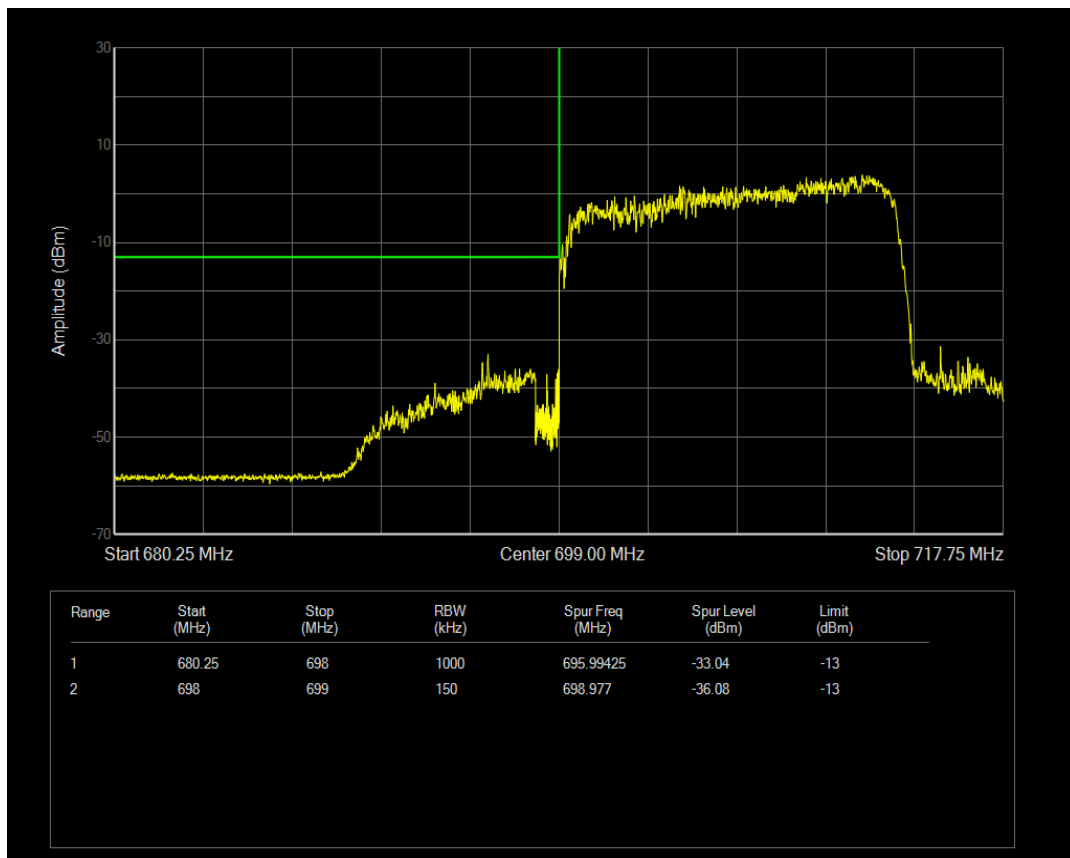
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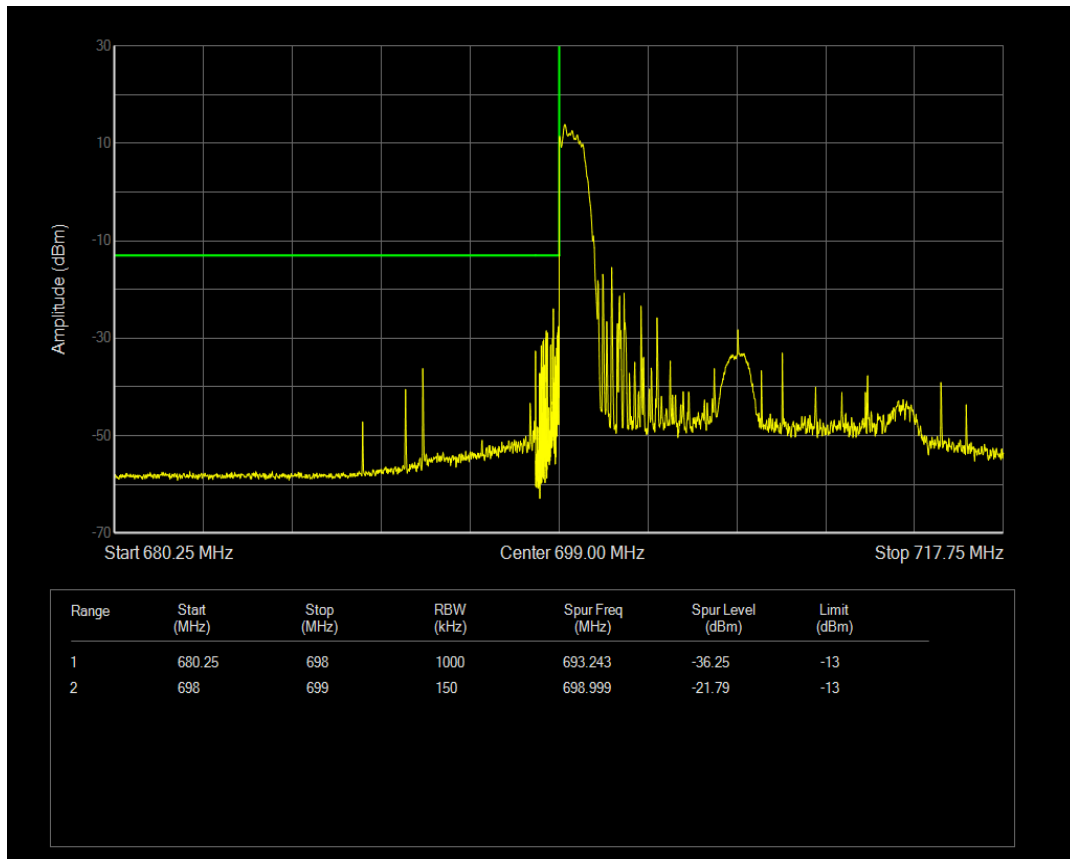
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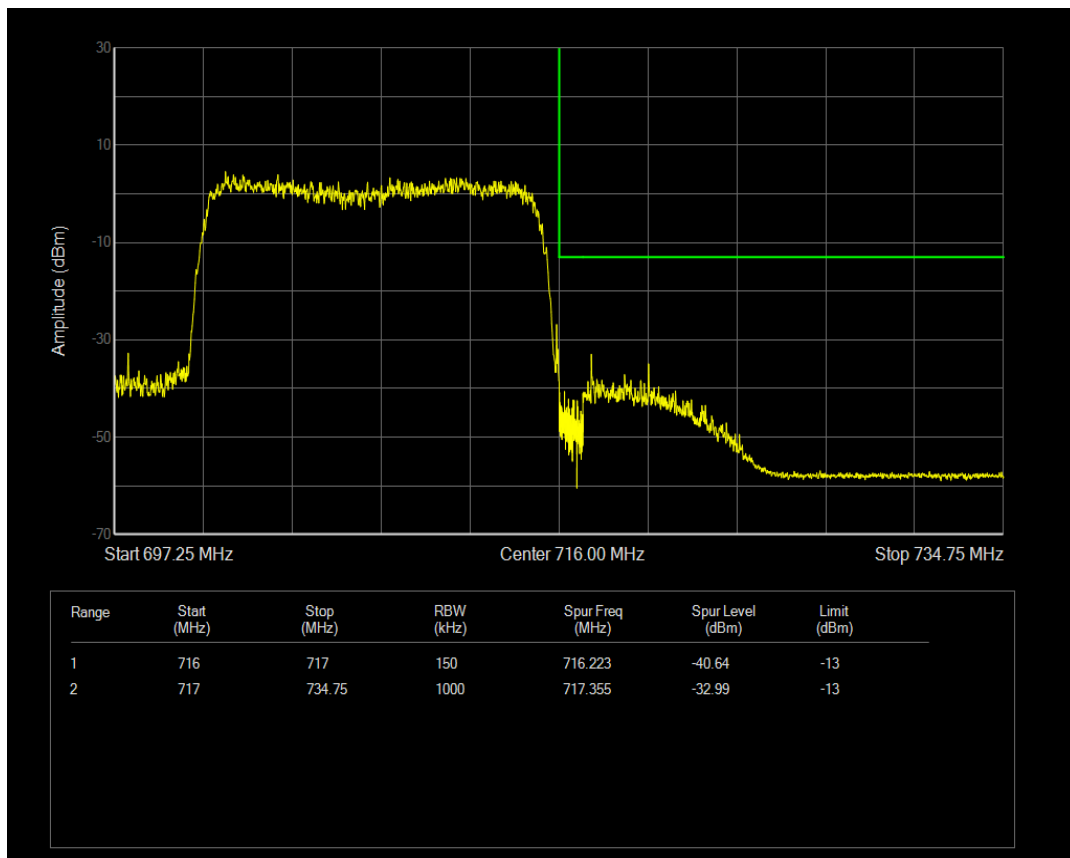
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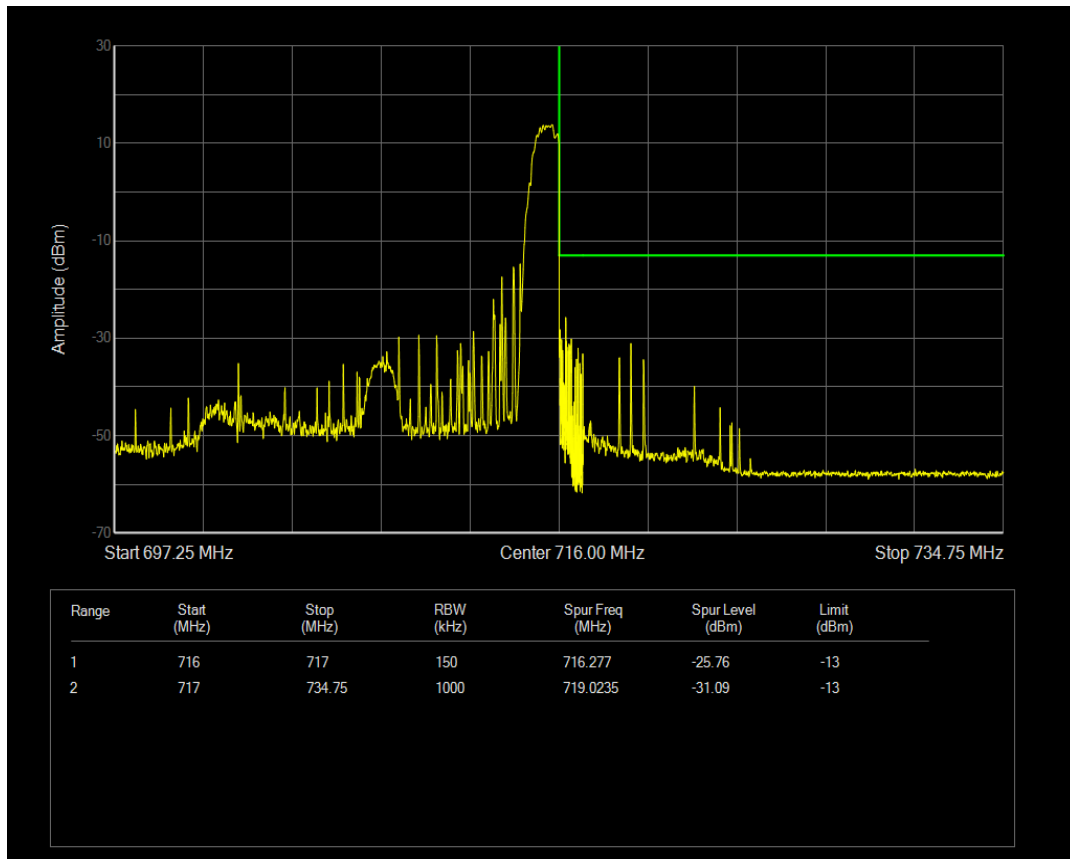
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n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=75@0



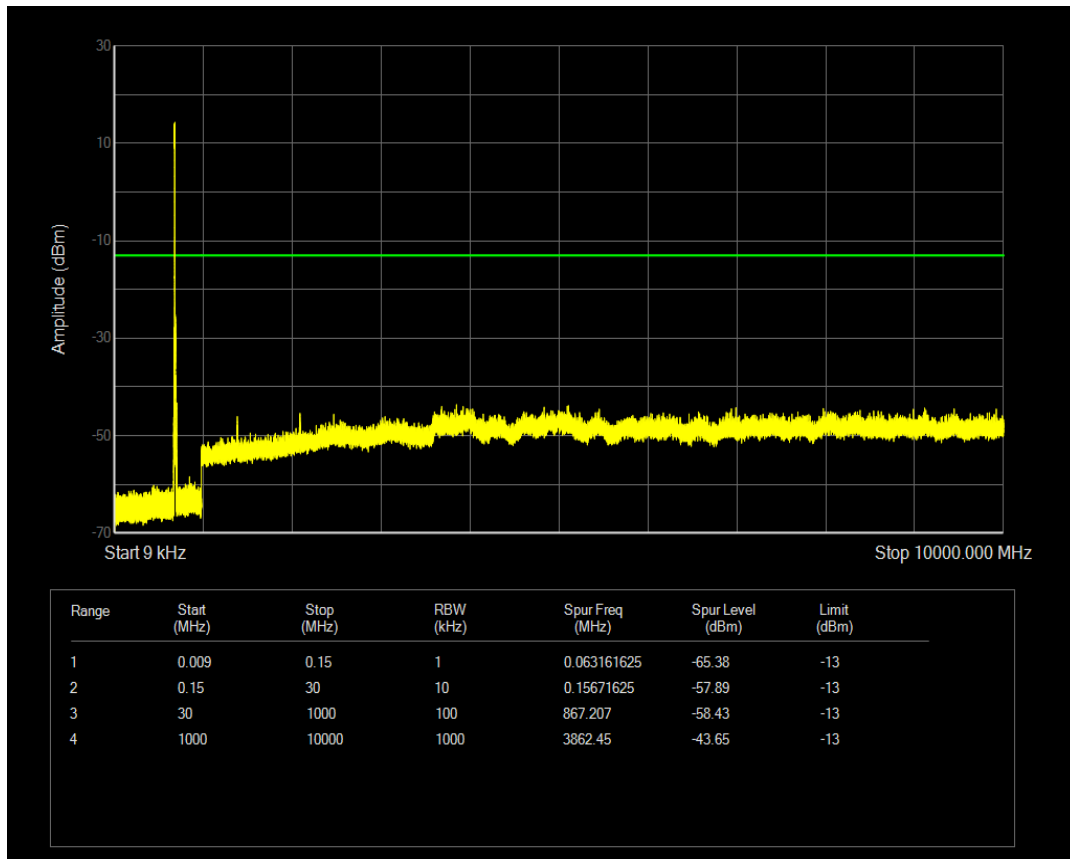
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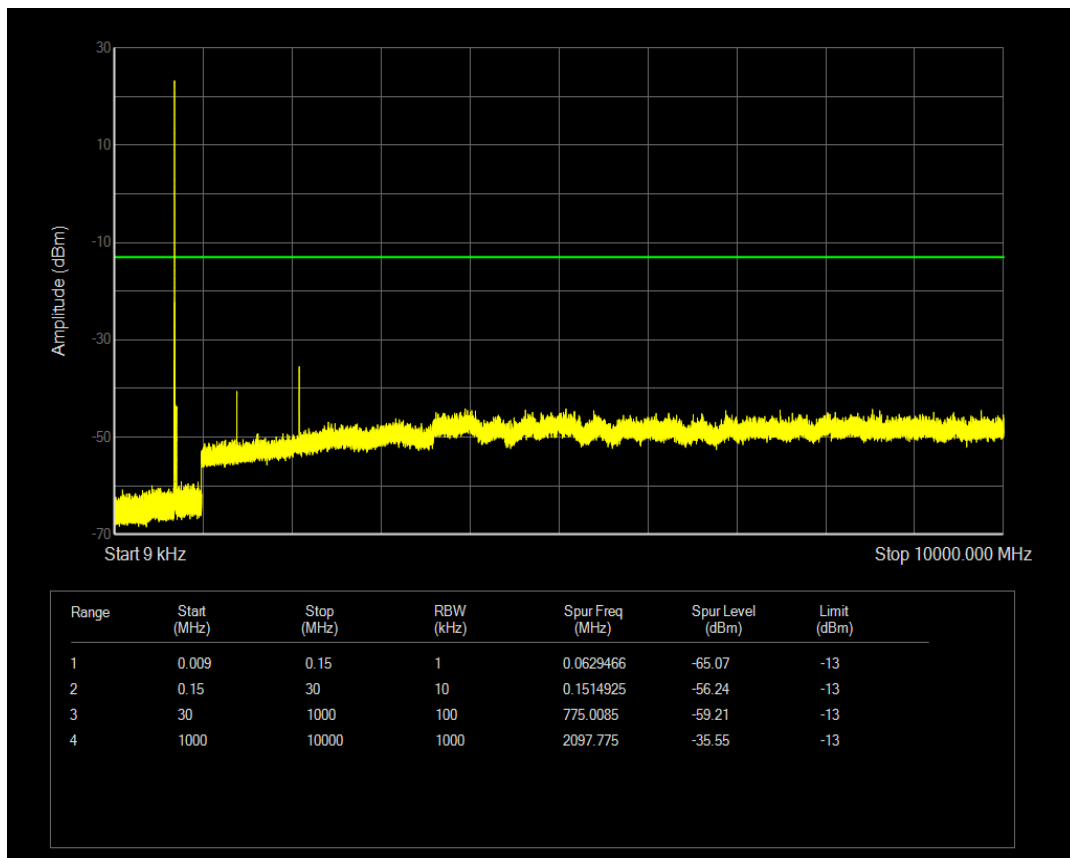
## 6 Out-of-band emissions for NR FR1

| 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 |
|------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n12  | 15           | 5                  | 140300        | 25@0             | DFT_QPSK   | 3862.45            | -43.65              | -13            | PASS    |
| n12  | 15           | 5                  | 140300        | 1@0              | DFT_QPSK   | 2097.78            | -35.55              | -13            | PASS    |
| n12  | 15           | 5                  | 140300        | 1@24             | DFT_QPSK   | 1407.03            | -40.45              | -13            | PASS    |
| n12  | 15           | 5                  | 141500        | 25@0             | DFT_QPSK   | 3613.60            | -43.78              | -13            | PASS    |
| n12  | 15           | 5                  | 141500        | 1@0              | DFT_QPSK   | 2116.00            | -36.44              | -13            | PASS    |
| n12  | 15           | 5                  | 141500        | 1@24             | DFT_QPSK   | 2128.83            | -35.23              | -13            | PASS    |
| n12  | 15           | 5                  | 142700        | 25@0             | DFT_QPSK   | 3976.98            | -43.71              | -13            | PASS    |
| n12  | 15           | 5                  | 142700        | 1@0              | DFT_QPSK   | 2134.00            | -35.14              | -13            | PASS    |
| n12  | 15           | 5                  | 142700        | 1@24             | DFT_QPSK   | 1431.10            | -38.84              | -13            | PASS    |
| n12  | 15           | 15                 | 141300        | 75@0             | DFT_QPSK   | 4000.15            | -43.35              | -13            | PASS    |
| n12  | 15           | 15                 | 141300        | 1@0              | DFT_QPSK   | 1398.70            | -38.58              | -13            | PASS    |
| n12  | 15           | 15                 | 141300        | 1@78             | DFT_QPSK   | 2140.53            | -36.23              | -13            | PASS    |
| n12  | 15           | 15                 | 141500        | 75@0             | DFT_QPSK   | 3689.43            | -43.82              | -13            | PASS    |
| n12  | 15           | 15                 | 141500        | 1@0              | DFT_QPSK   | 2101.38            | -34.74              | -13            | PASS    |
| n12  | 15           | 15                 | 141500        | 1@78             | DFT_QPSK   | 2143.00            | -40.96              | -13            | PASS    |
| n12  | 15           | 15                 | 141700        | 75@0             | DFT_QPSK   | 3876.63            | -43.24              | -13            | PASS    |
| n12  | 15           | 15                 | 141700        | 1@0              | DFT_QPSK   | 2104.08            | -40.52              | -13            | PASS    |
| n12  | 15           | 15                 | 141700        | 1@78             | DFT_QPSK   | 2146.38            | -37.01              | -13            | PASS    |

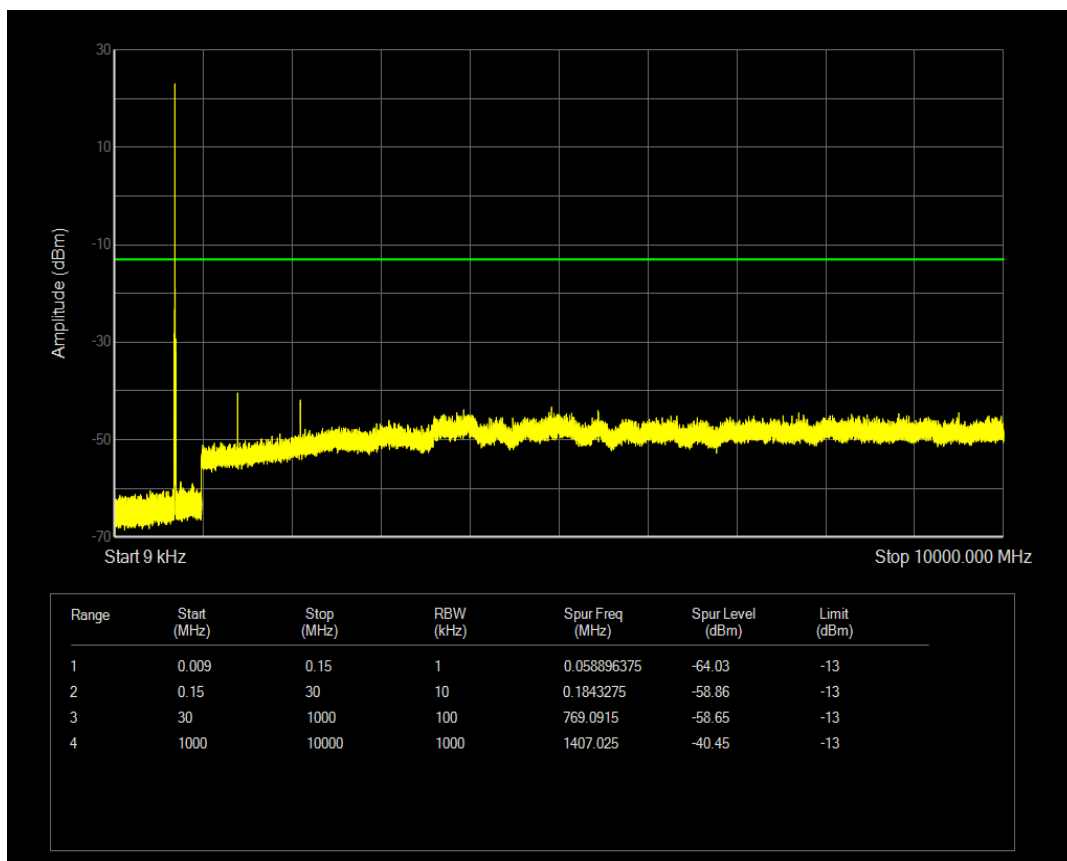
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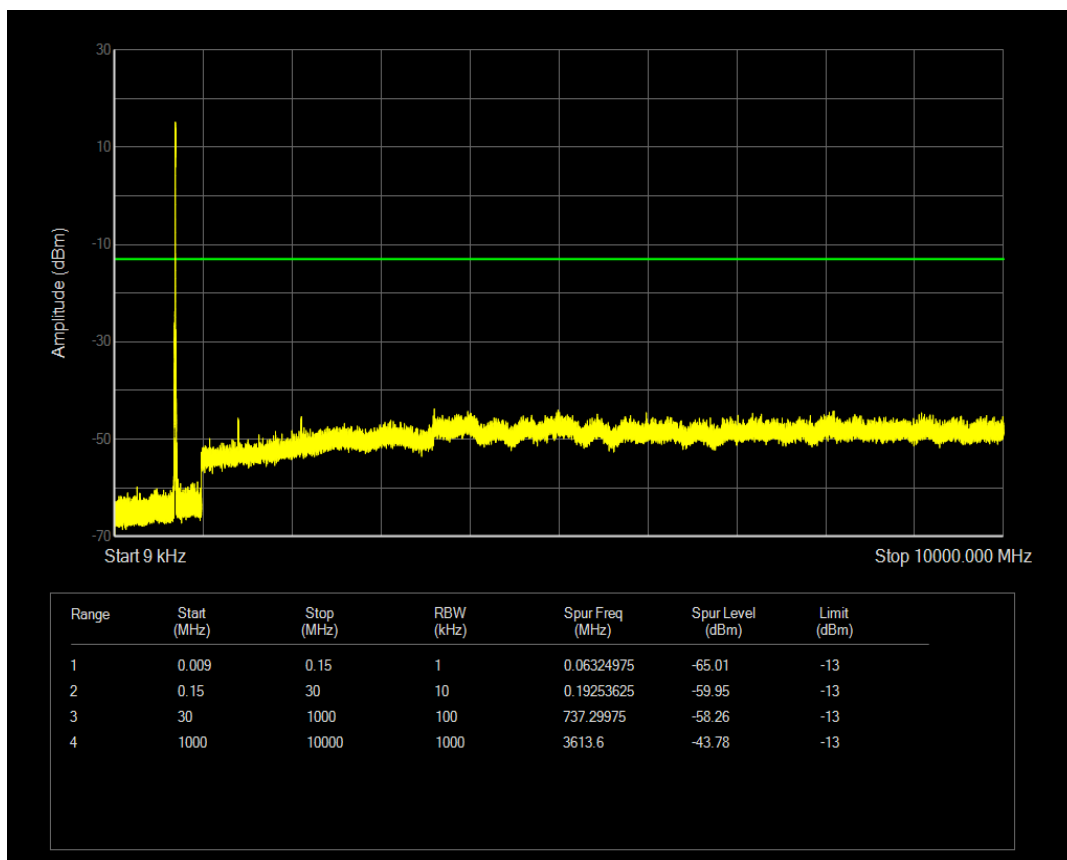
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=140300 RB=1@0



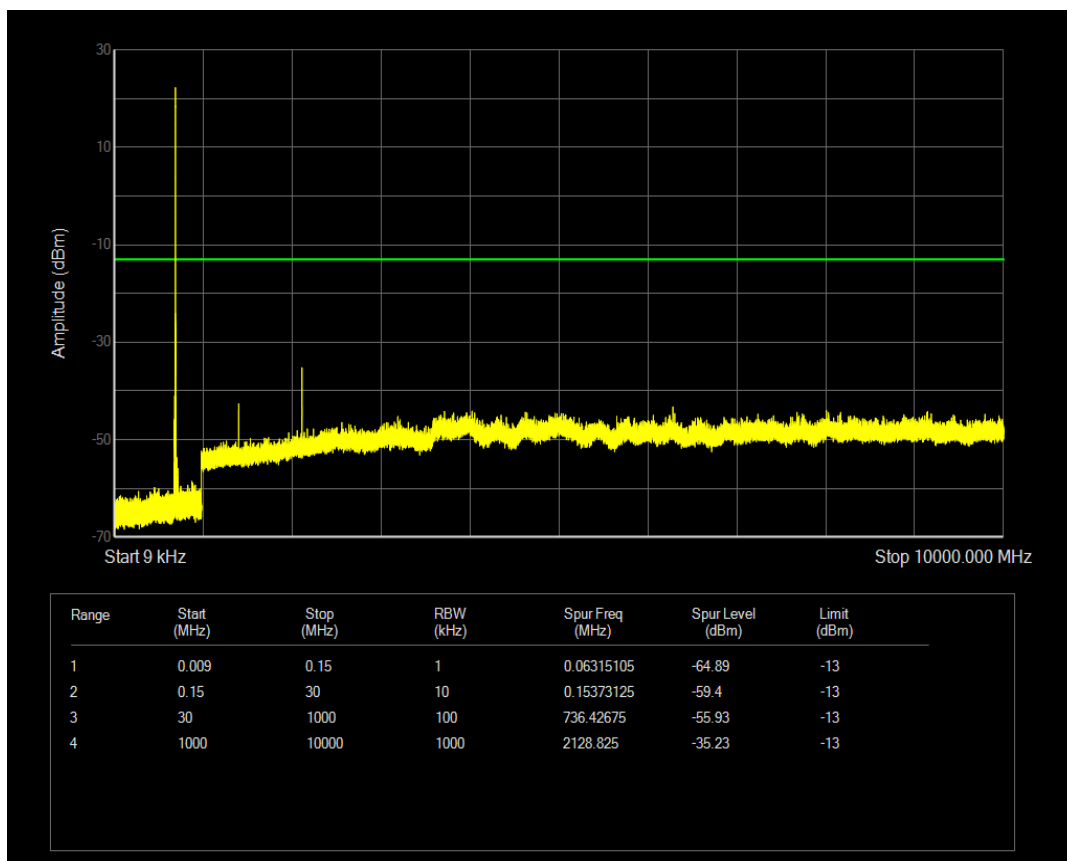
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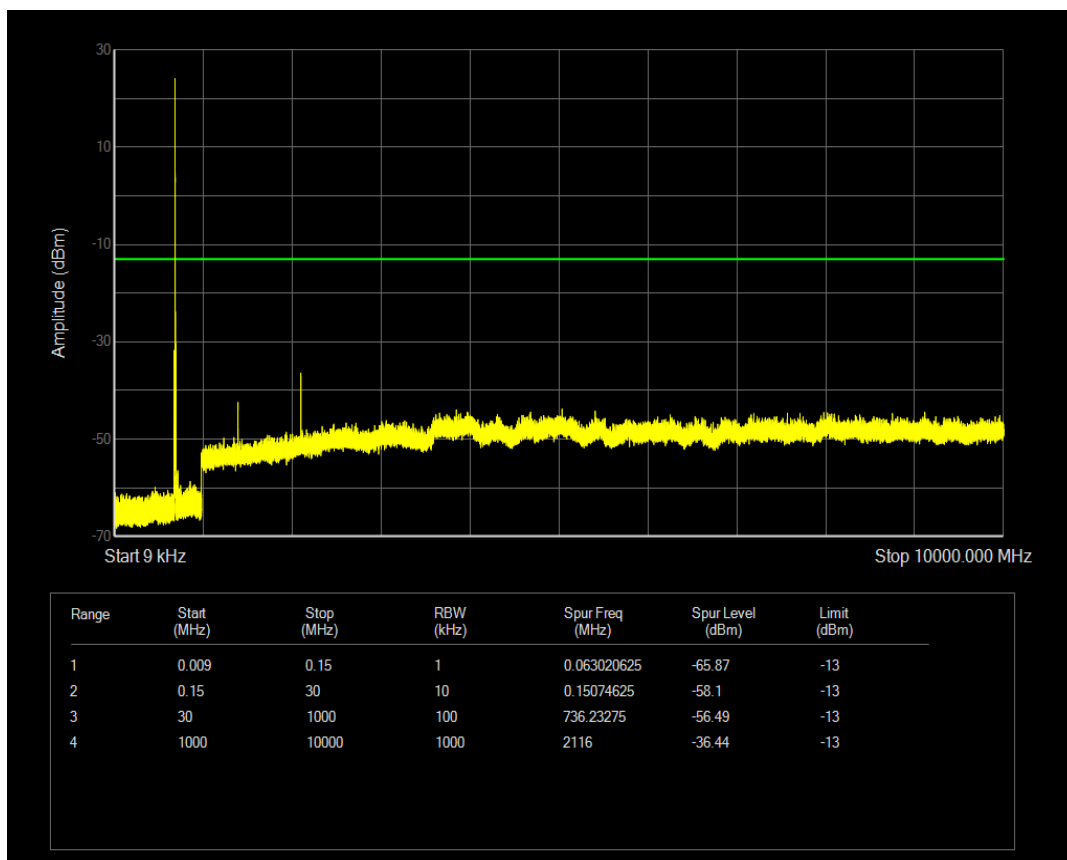
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=141500 RB=25@0



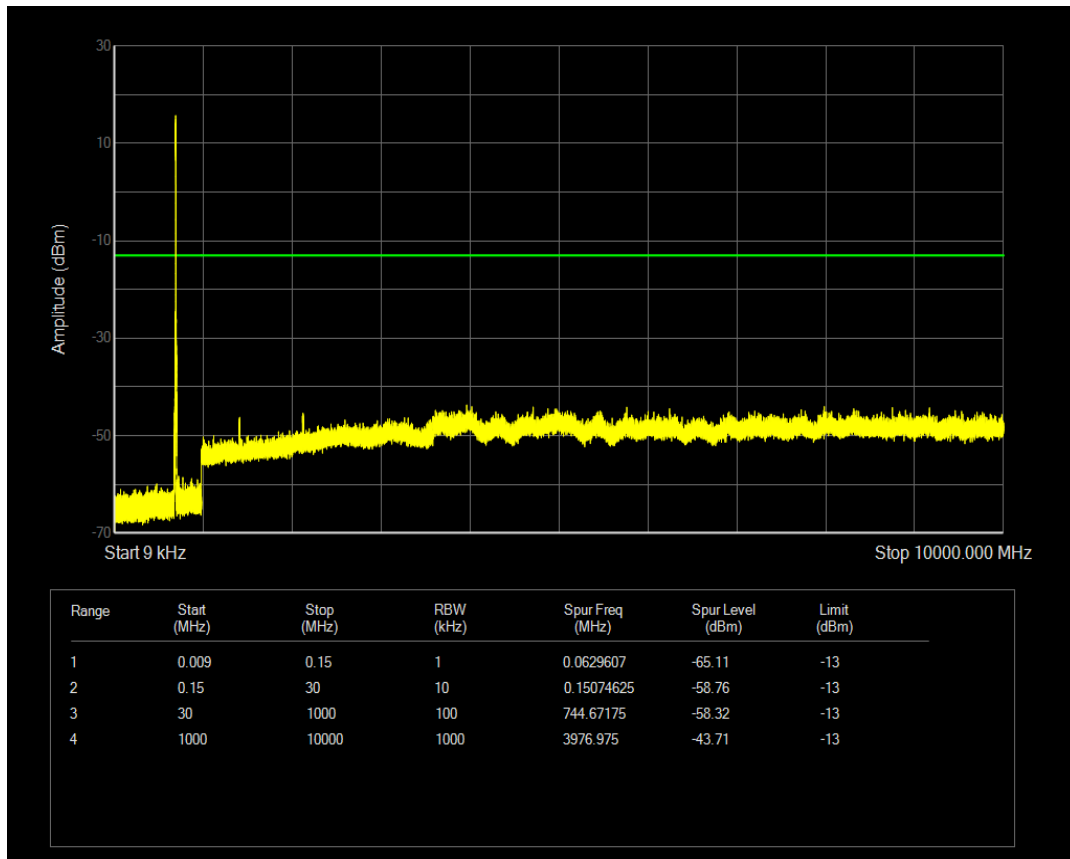
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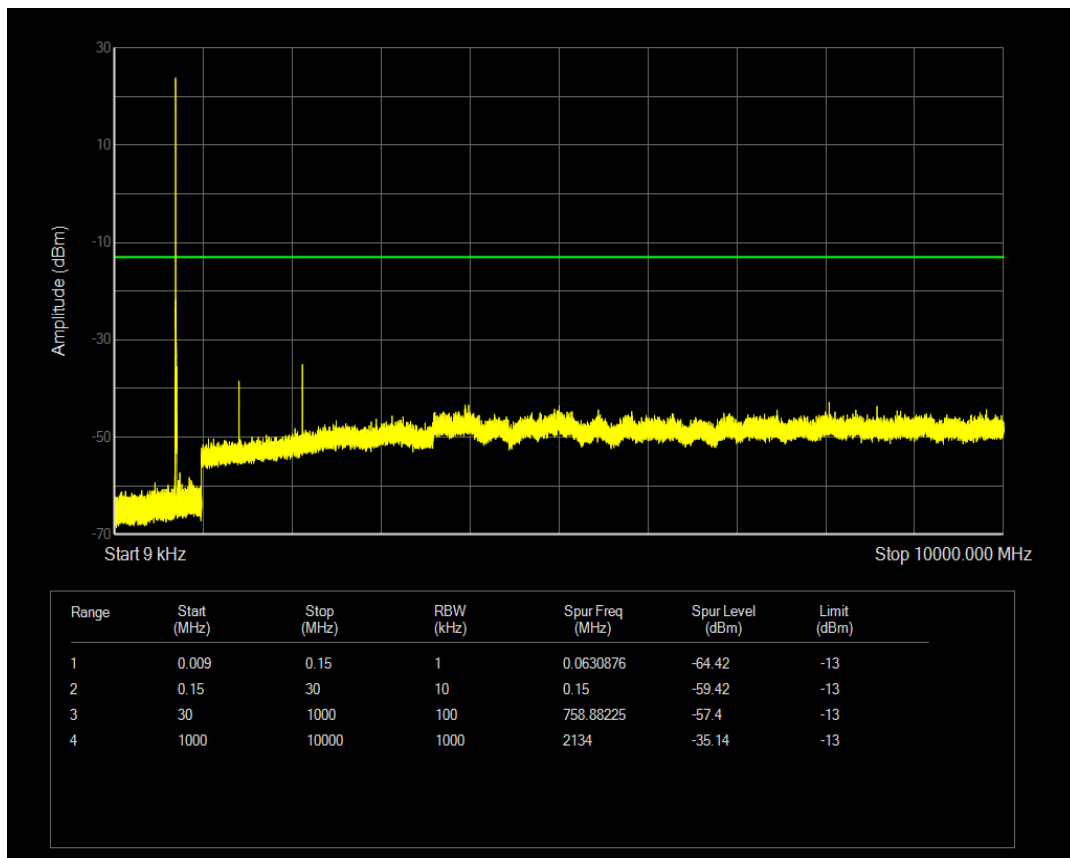
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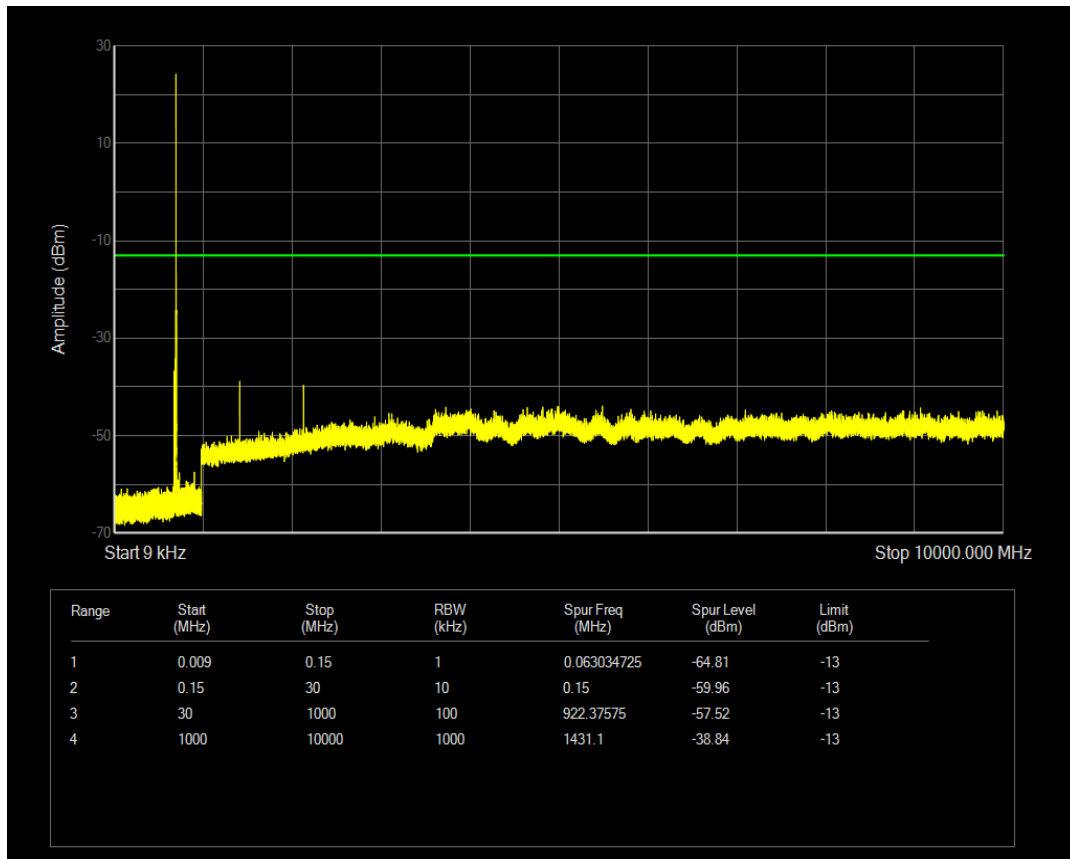
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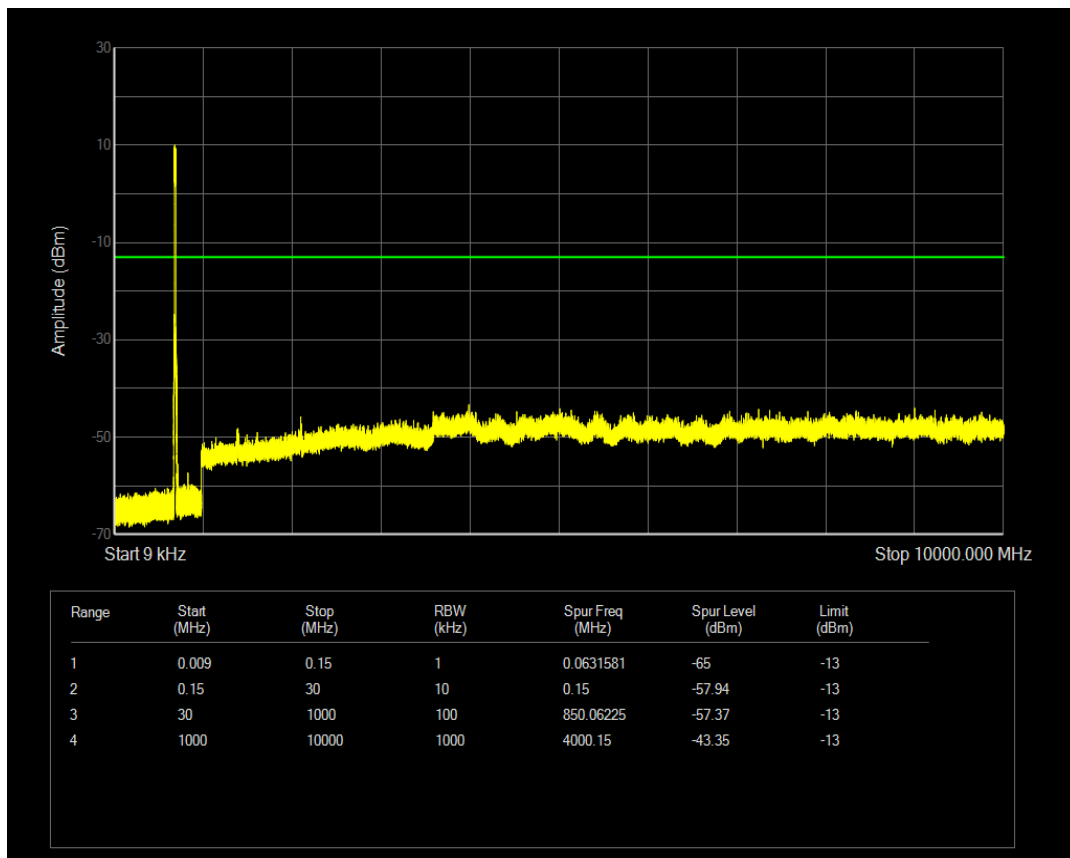
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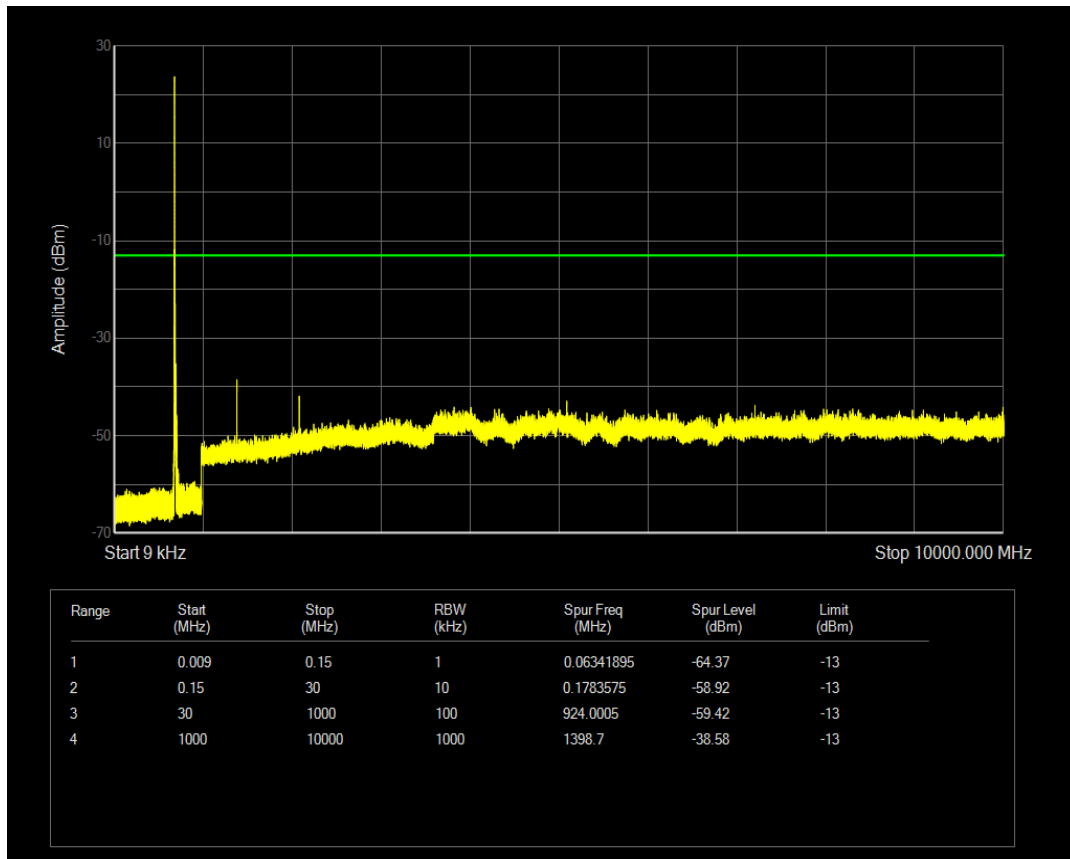
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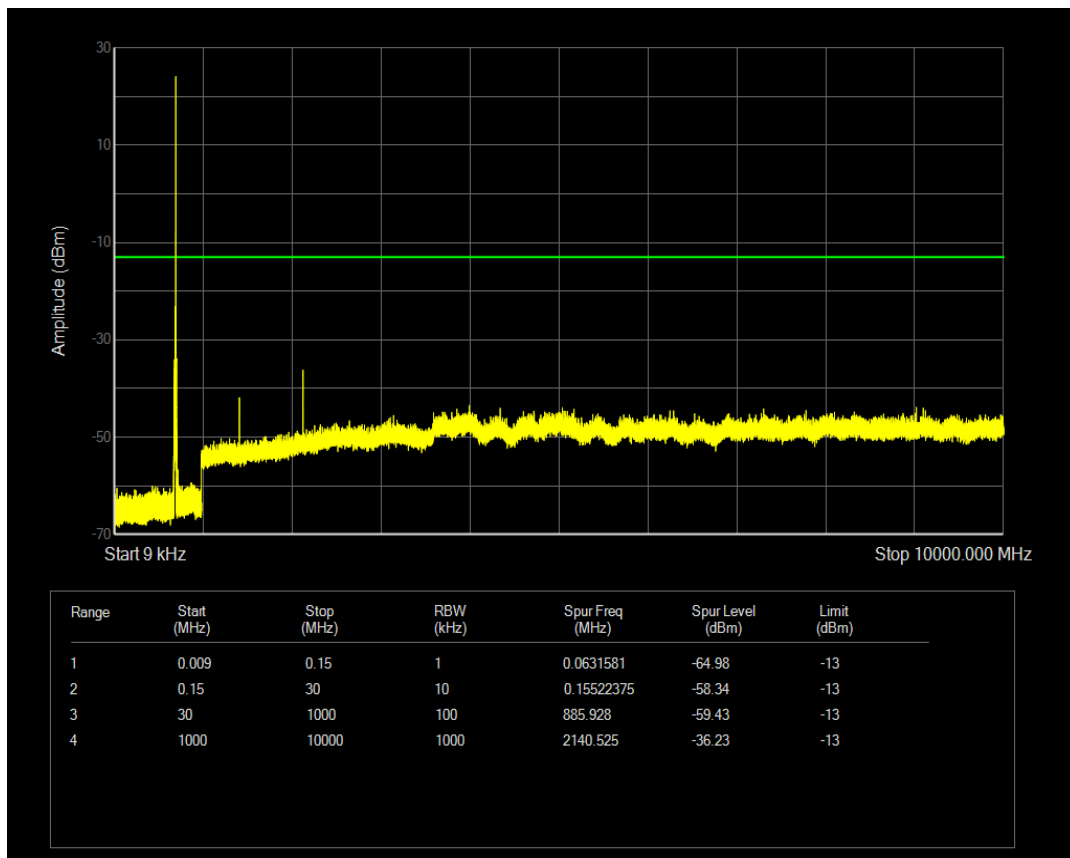
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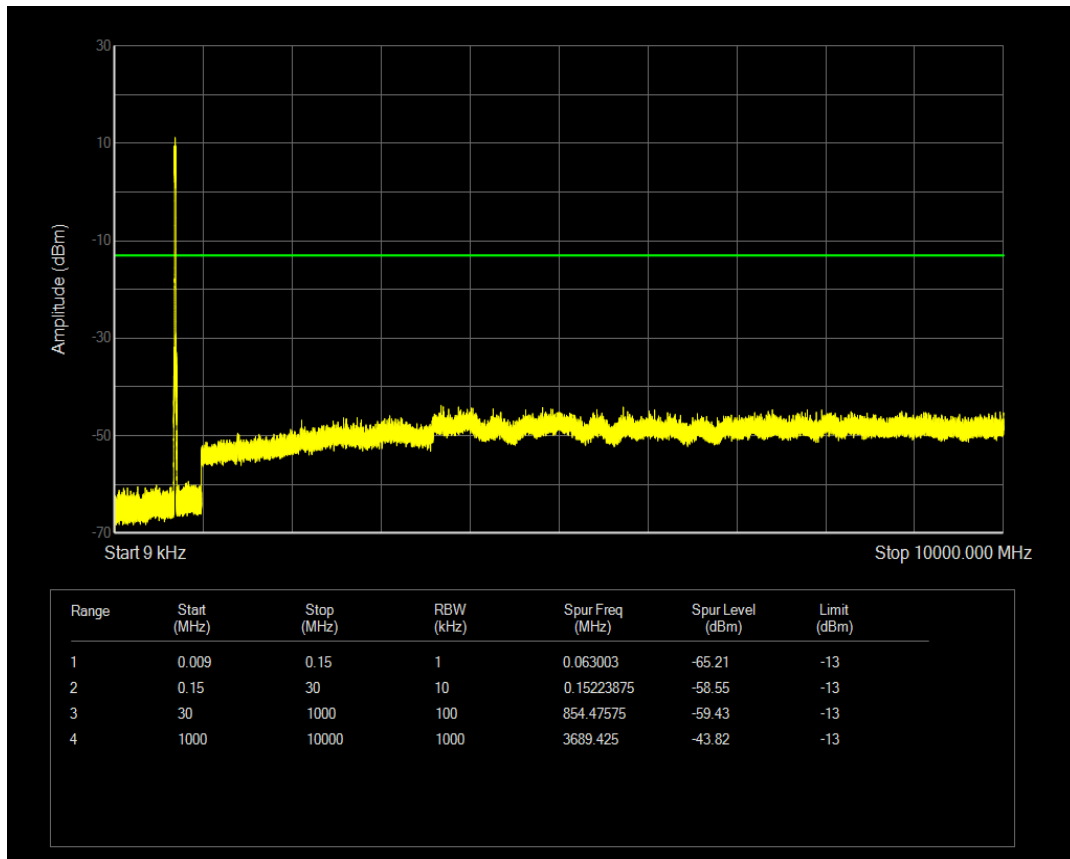
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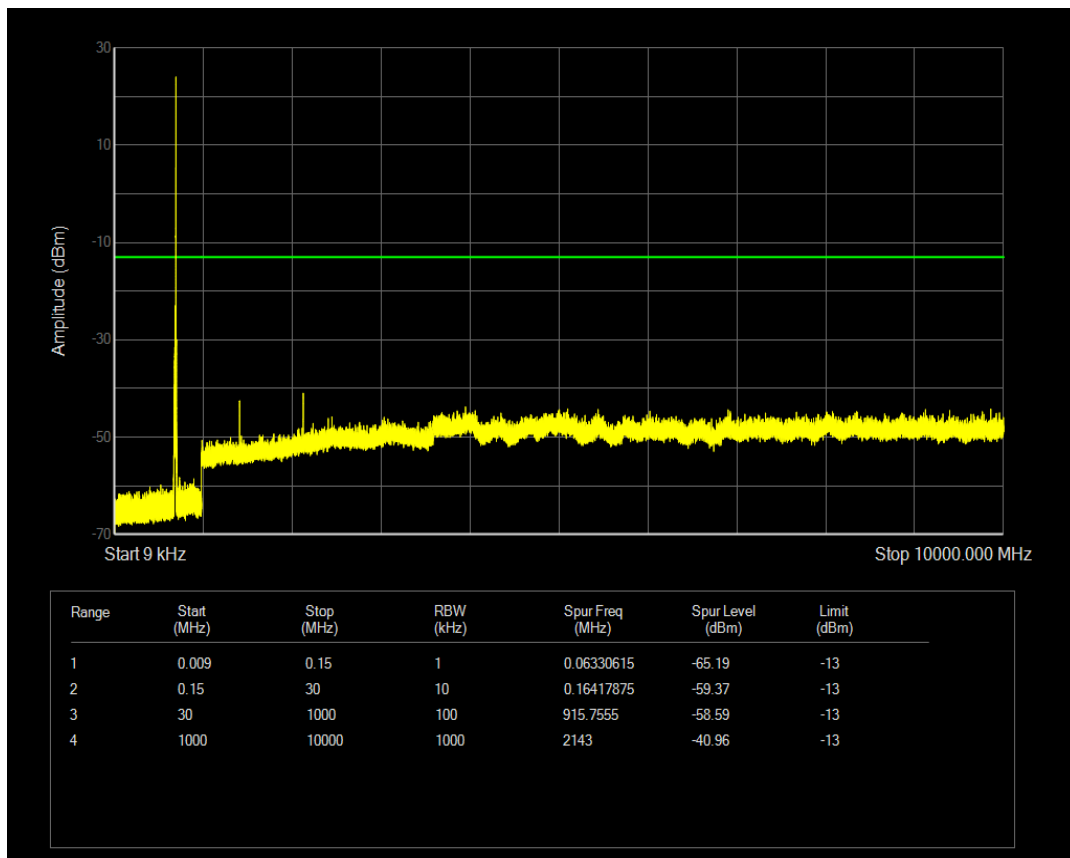
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141300 RB=1@78



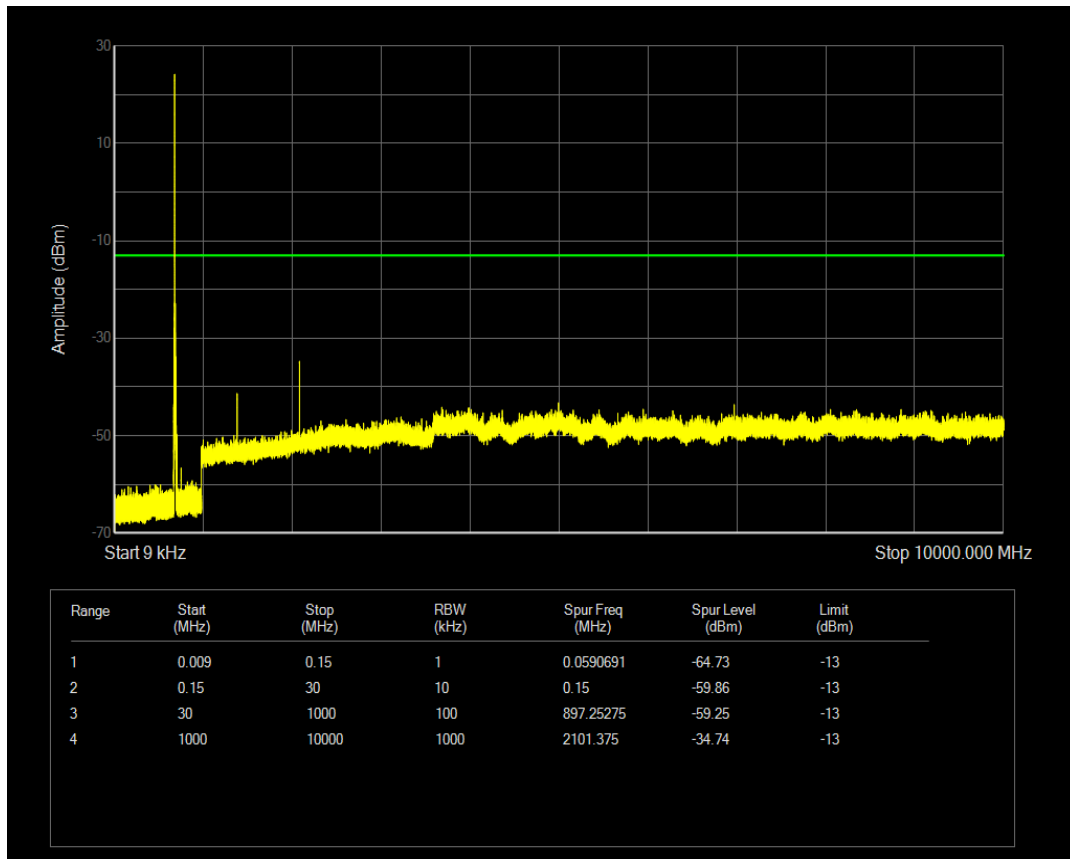
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141500 RB=75@0



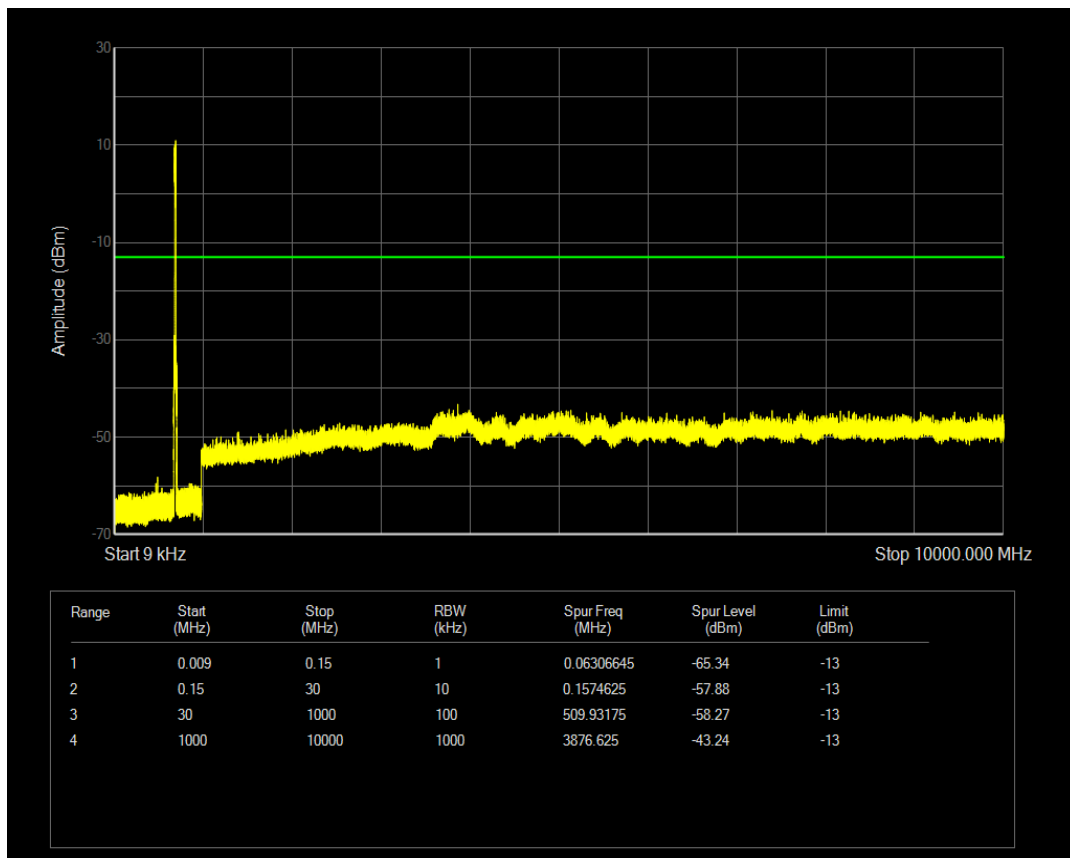
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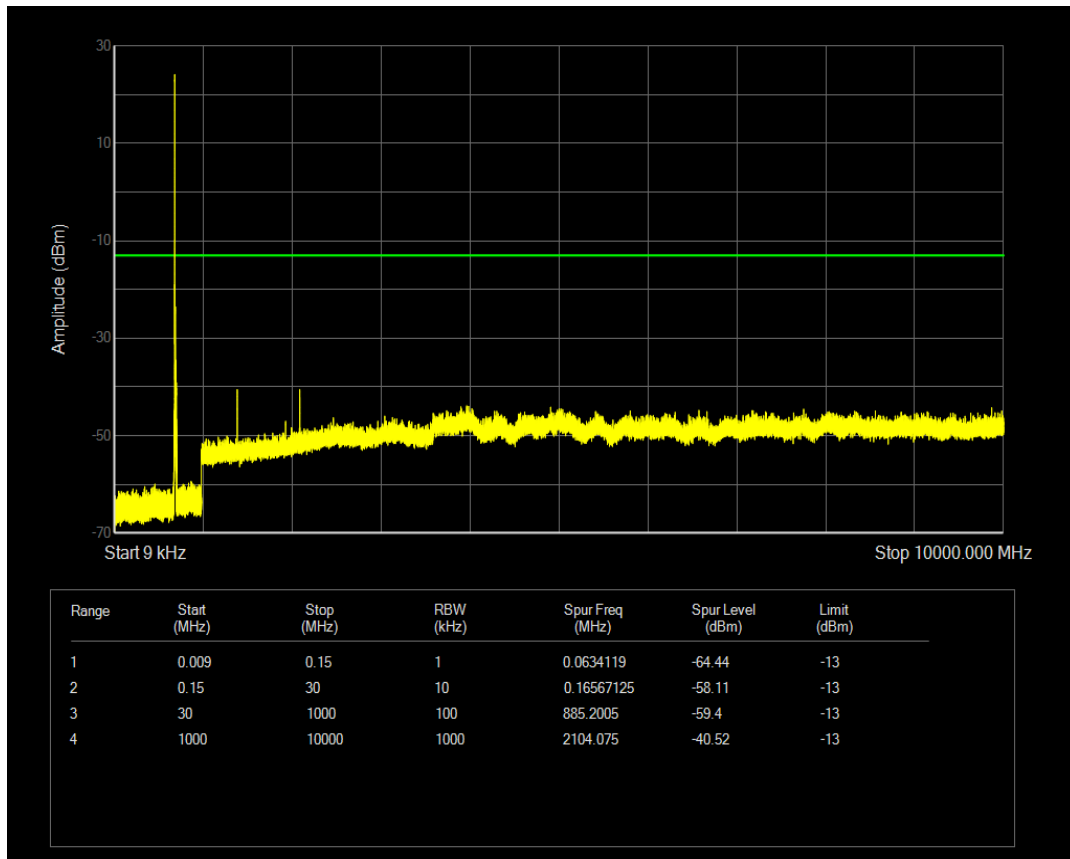
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141500 RB=1@0



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=75@0



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@0



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@78

