

## 1 Conducted output power for NR FR1

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Power<br>(dBm) | Gain<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|----------------|---------------|---------------|---------------------|---------|
| n7   | 30           | 10                 | 501000        | 12@6             | DFT_BPSK   | 22.51          | 0.05          | 22.56         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | DFT_BPSK   | 22.47          | 0.05          | 22.52         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | DFT_BPSK   | 22.55          | 0.05          | 22.60         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 12@6             | DFT_QPSK   | 22.55          | 0.05          | 22.60         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | DFT_QPSK   | 22.38          | 0.05          | 22.43         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | DFT_QPSK   | 22.38          | 0.05          | 22.43         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 12@6             | DFT_QAM16  | 21.56          | 0.05          | 21.61         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | DFT_QAM16  | 21.98          | 0.05          | 22.03         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | DFT_QAM16  | 21.98          | 0.05          | 22.03         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 12@6             | DFT_QAM64  | 20.15          | 0.05          | 20.20         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | DFT_QAM64  | 19.99          | 0.05          | 20.04         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | DFT_QAM64  | 19.94          | 0.05          | 19.99         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 12@6             | DFT_QAM256 | 18.21          | 0.05          | 18.26         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | DFT_QAM256 | 17.87          | 0.05          | 17.92         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | DFT_QAM256 | 18.18          | 0.05          | 18.23         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 12@6             | CP_QPSK    | 21.12          | 0.05          | 21.17         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | CP_QPSK    | 20.92          | 0.05          | 20.97         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | CP_QPSK    | -34.20         | 0.05          | -34.15        | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 12@6             | CP_QAM16   | 20.43          | 0.05          | 20.48         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | CP_QAM16   | 20.93          | 0.05          | 20.98         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | CP_QAM16   | 21.03          | 0.05          | 21.08         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 12@6             | CP_QAM64   | 19.10          | 0.05          | 19.15         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | CP_QAM64   | 19.75          | 0.05          | 19.80         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | CP_QAM64   | 19.36          | 0.05          | 19.41         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 12@6             | CP_QAM256  | 16.09          | 0.05          | 16.14         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@1              | CP_QAM256  | 16.08          | 0.05          | 16.13         | 33.01               | PASS    |
| n7   | 30           | 10                 | 501000        | 1@22             | CP_QAM256  | 16.13          | 0.05          | 16.18         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 12@6             | DFT_BPSK   | 22.62          | 0.05          | 22.67         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 1@1              | DFT_BPSK   | 22.60          | 0.05          | 22.65         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 1@22             | DFT_BPSK   | 22.66          | 0.05          | 22.71         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 12@6             | DFT_QPSK   | 22.63          | 0.05          | 22.68         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 1@1              | DFT_QPSK   | 22.53          | 0.05          | 22.58         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 1@22             | DFT_QPSK   | 22.51          | 0.05          | 22.56         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 12@6             | DFT_QAM16  | 21.53          | 0.05          | 21.58         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 1@1              | DFT_QAM16  | 21.59          | 0.05          | 21.64         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 1@22             | DFT_QAM16  | 22.04          | 0.05          | 22.09         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 12@6             | DFT_QAM64  | 20.22          | 0.05          | 20.27         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 1@1              | DFT_QAM64  | 19.99          | 0.05          | 20.04         | 33.01               | PASS    |
| n7   | 30           | 10                 | 507000        | 1@22             | DFT_QAM64  | 20.17          | 0.05          | 20.22         | 33.01               | PASS    |

|    |    |    |        |      |            |        |      |        |       |      |
|----|----|----|--------|------|------------|--------|------|--------|-------|------|
| n7 | 30 | 10 | 507000 | 12@6 | DFT_QAM256 | 18.15  | 0.05 | 18.20  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@1  | DFT_QAM256 | 18.18  | 0.05 | 18.23  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@22 | DFT_QAM256 | -33.95 | 0.05 | -33.90 | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 12@6 | CP_QPSK    | 20.55  | 0.05 | 20.60  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@1  | CP_QPSK    | 20.61  | 0.05 | 20.66  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@22 | CP_QPSK    | 20.44  | 0.05 | 20.49  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 12@6 | CP_QAM16   | 20.09  | 0.05 | 20.14  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@1  | CP_QAM16   | 20.47  | 0.05 | 20.52  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@22 | CP_QAM16   | 19.88  | 0.05 | 19.93  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 12@6 | CP_QAM64   | 18.53  | 0.05 | 18.58  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@1  | CP_QAM64   | 19.37  | 0.05 | 19.42  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@22 | CP_QAM64   | 19.23  | 0.05 | 19.28  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 12@6 | CP_QAM256  | 15.49  | 0.05 | 15.54  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@1  | CP_QAM256  | 15.67  | 0.05 | 15.72  | 33.01 | PASS |
| n7 | 30 | 10 | 507000 | 1@22 | CP_QAM256  | 15.57  | 0.05 | 15.62  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | DFT_BPSK   | 22.15  | 0.05 | 22.20  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | DFT_BPSK   | 22.10  | 0.05 | 22.15  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | DFT_BPSK   | 22.20  | 0.05 | 22.25  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | DFT_QPSK   | 22.22  | 0.05 | 22.27  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | DFT_QPSK   | 21.94  | 0.05 | 21.99  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | DFT_QPSK   | 22.05  | 0.05 | 22.10  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | DFT_QAM16  | 21.17  | 0.05 | 21.22  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | DFT_QAM16  | 21.55  | 0.05 | 21.60  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | DFT_QAM16  | 21.07  | 0.05 | 21.12  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | DFT_QAM64  | 19.70  | 0.05 | 19.75  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | DFT_QAM64  | 19.58  | 0.05 | 19.63  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | DFT_QAM64  | 19.74  | 0.05 | 19.79  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | DFT_QAM256 | 17.61  | 0.05 | 17.66  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | DFT_QAM256 | 17.71  | 0.05 | 17.76  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | DFT_QAM256 | 17.78  | 0.05 | 17.83  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | CP_QPSK    | 20.52  | 0.05 | 20.57  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | CP_QPSK    | 20.43  | 0.05 | 20.48  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | CP_QPSK    | 20.71  | 0.05 | 20.76  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | CP_QAM16   | 20.34  | 0.05 | 20.39  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | CP_QAM16   | 20.17  | 0.05 | 20.22  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | CP_QAM16   | 20.59  | 0.05 | 20.64  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | CP_QAM64   | 18.73  | 0.05 | 18.78  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | CP_QAM64   | 19.39  | 0.05 | 19.44  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | CP_QAM64   | 19.40  | 0.05 | 19.45  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 12@6 | CP_QAM256  | 15.73  | 0.05 | 15.78  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@1  | CP_QAM256  | 15.64  | 0.05 | 15.69  | 33.01 | PASS |
| n7 | 30 | 10 | 513000 | 1@22 | CP_QAM256  | 15.79  | 0.05 | 15.84  | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 18@9 | DFT_BPSK   | 22.15  | 0.05 | 22.20  | 33.01 | PASS |

|    |    |    |        |      |            |       |      |       |       |      |
|----|----|----|--------|------|------------|-------|------|-------|-------|------|
| n7 | 30 | 15 | 501500 | 1@1  | DFT_BPSK   | 22.06 | 0.05 | 22.11 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | DFT_BPSK   | 22.00 | 0.05 | 22.05 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 18@9 | DFT_QPSK   | 22.13 | 0.05 | 22.18 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@1  | DFT_QPSK   | 21.87 | 0.05 | 21.92 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | DFT_QPSK   | 21.91 | 0.05 | 21.96 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 18@9 | DFT_QAM16  | 21.16 | 0.05 | 21.21 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@1  | DFT_QAM16  | 21.23 | 0.05 | 21.28 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | DFT_QAM16  | 21.45 | 0.05 | 21.50 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 18@9 | DFT_QAM64  | 19.86 | 0.05 | 19.91 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@1  | DFT_QAM64  | 19.33 | 0.05 | 19.38 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | DFT_QAM64  | 19.69 | 0.05 | 19.74 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 18@9 | DFT_QAM256 | 17.66 | 0.05 | 17.71 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@1  | DFT_QAM256 | 17.41 | 0.05 | 17.46 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | DFT_QAM256 | 17.44 | 0.05 | 17.49 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 19@9 | CP_QPSK    | 20.71 | 0.05 | 20.76 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@1  | CP_QPSK    | 20.49 | 0.05 | 20.54 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | CP_QPSK    | 20.45 | 0.05 | 20.50 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 19@9 | CP_QAM16   | 20.21 | 0.05 | 20.26 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@1  | CP_QAM16   | 19.84 | 0.05 | 19.89 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | CP_QAM16   | 20.50 | 0.05 | 20.55 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 19@9 | CP_QAM64   | 18.85 | 0.05 | 18.90 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@1  | CP_QAM64   | 19.30 | 0.05 | 19.35 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | CP_QAM64   | 19.28 | 0.05 | 19.33 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 19@9 | CP_QAM256  | 15.56 | 0.05 | 15.61 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@1  | CP_QAM256  | 15.56 | 0.05 | 15.61 | 33.01 | PASS |
| n7 | 30 | 15 | 501500 | 1@36 | CP_QAM256  | 15.56 | 0.05 | 15.61 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 18@9 | DFT_BPSK   | 22.11 | 0.05 | 22.16 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1  | DFT_BPSK   | 22.16 | 0.05 | 22.21 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@36 | DFT_BPSK   | 22.02 | 0.05 | 22.07 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 18@9 | DFT_QPSK   | 22.06 | 0.05 | 22.11 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1  | DFT_QPSK   | 22.00 | 0.05 | 22.05 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@36 | DFT_QPSK   | 21.96 | 0.05 | 22.01 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 18@9 | DFT_QAM16  | 21.18 | 0.05 | 21.23 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1  | DFT_QAM16  | 21.13 | 0.05 | 21.18 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@36 | DFT_QAM16  | 21.03 | 0.05 | 21.08 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 18@9 | DFT_QAM64  | 19.79 | 0.05 | 19.84 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1  | DFT_QAM64  | 19.91 | 0.05 | 19.96 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@36 | DFT_QAM64  | 19.34 | 0.05 | 19.39 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 18@9 | DFT_QAM256 | 17.59 | 0.05 | 17.64 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1  | DFT_QAM256 | 17.79 | 0.05 | 17.84 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@36 | DFT_QAM256 | 17.62 | 0.05 | 17.67 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 19@9 | CP_QPSK    | 20.55 | 0.05 | 20.60 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1  | CP_QPSK    | 20.55 | 0.05 | 20.60 | 33.01 | PASS |

|    |    |    |        |       |            |        |      |        |       |      |
|----|----|----|--------|-------|------------|--------|------|--------|-------|------|
| n7 | 30 | 15 | 507000 | 1@36  | CP_QPSK    | 20.48  | 0.05 | 20.53  | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 19@9  | CP_QAM16   | 20.20  | 0.05 | 20.25  | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1   | CP_QAM16   | 20.39  | 0.05 | 20.44  | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@36  | CP_QAM16   | 20.32  | 0.05 | 20.37  | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 19@9  | CP_QAM64   | 18.84  | 0.05 | 18.89  | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1   | CP_QAM64   | 19.09  | 0.05 | 19.14  | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@36  | CP_QAM64   | -32.27 | 0.05 | -32.22 | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 19@9  | CP_QAM256  | 15.41  | 0.05 | 15.46  | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@1   | CP_QAM256  | 15.42  | 0.05 | 15.47  | 33.01 | PASS |
| n7 | 30 | 15 | 507000 | 1@36  | CP_QAM256  | 15.30  | 0.05 | 15.35  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 18@9  | DFT_BPSK   | 21.99  | 0.05 | 22.04  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | DFT_BPSK   | 21.89  | 0.05 | 21.94  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | DFT_BPSK   | 22.06  | 0.05 | 22.11  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 18@9  | DFT_QPSK   | 22.00  | 0.05 | 22.05  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | DFT_QPSK   | 21.73  | 0.05 | 21.78  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | DFT_QPSK   | 22.01  | 0.05 | 22.06  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 18@9  | DFT_QAM16  | 21.13  | 0.05 | 21.18  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | DFT_QAM16  | 21.07  | 0.05 | 21.12  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | DFT_QAM16  | 21.08  | 0.05 | 21.13  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 18@9  | DFT_QAM64  | 19.85  | 0.05 | 19.90  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | DFT_QAM64  | 19.56  | 0.05 | 19.61  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | DFT_QAM64  | 19.54  | 0.05 | 19.59  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 18@9  | DFT_QAM256 | 17.55  | 0.05 | 17.60  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | DFT_QAM256 | 17.49  | 0.05 | 17.54  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | DFT_QAM256 | 17.58  | 0.05 | 17.63  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 19@9  | CP_QPSK    | 20.48  | 0.05 | 20.53  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | CP_QPSK    | 20.25  | 0.05 | 20.30  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | CP_QPSK    | 20.29  | 0.05 | 20.34  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 19@9  | CP_QAM16   | 20.27  | 0.05 | 20.32  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | CP_QAM16   | 19.83  | 0.05 | 19.88  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | CP_QAM16   | 19.86  | 0.05 | 19.91  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 19@9  | CP_QAM64   | 18.81  | 0.05 | 18.86  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | CP_QAM64   | 18.47  | 0.05 | 18.52  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | CP_QAM64   | 19.02  | 0.05 | 19.07  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 19@9  | CP_QAM256  | 15.57  | 0.05 | 15.62  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@1   | CP_QAM256  | 15.39  | 0.05 | 15.44  | 33.01 | PASS |
| n7 | 30 | 15 | 512500 | 1@36  | CP_QAM256  | 15.58  | 0.05 | 15.63  | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 25@12 | DFT_BPSK   | 22.06  | 0.05 | 22.11  | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | DFT_BPSK   | 21.86  | 0.05 | 21.91  | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | DFT_BPSK   | 21.85  | 0.05 | 21.90  | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 25@12 | DFT_QPSK   | 22.09  | 0.05 | 22.14  | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | DFT_QPSK   | 21.92  | 0.05 | 21.97  | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | DFT_QPSK   | 21.86  | 0.05 | 21.91  | 33.01 | PASS |

|    |    |    |        |       |            |       |      |       |       |      |
|----|----|----|--------|-------|------------|-------|------|-------|-------|------|
| n7 | 30 | 20 | 502000 | 25@12 | DFT_QAM16  | 20.97 | 0.05 | 21.02 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | DFT_QAM16  | 20.94 | 0.05 | 20.99 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | DFT_QAM16  | 21.37 | 0.05 | 21.42 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 25@12 | DFT_QAM64  | 19.54 | 0.05 | 19.59 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | DFT_QAM64  | 19.28 | 0.05 | 19.33 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | DFT_QAM64  | 19.74 | 0.05 | 19.79 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 25@12 | DFT_QAM256 | 17.58 | 0.05 | 17.63 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | DFT_QAM256 | 17.27 | 0.05 | 17.32 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | DFT_QAM256 | 17.63 | 0.05 | 17.68 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 25@12 | CP_QPSK    | 20.71 | 0.05 | 20.76 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | CP_QPSK    | 20.29 | 0.05 | 20.34 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | CP_QPSK    | 20.30 | 0.05 | 20.35 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 25@12 | CP_QAM16   | 20.16 | 0.05 | 20.21 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | CP_QAM16   | 19.62 | 0.05 | 19.67 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | CP_QAM16   | 19.87 | 0.05 | 19.92 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 25@12 | CP_QAM64   | 18.76 | 0.05 | 18.81 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | CP_QAM64   | 18.88 | 0.05 | 18.93 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | CP_QAM64   | 18.94 | 0.05 | 18.99 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 25@12 | CP_QAM256  | 15.50 | 0.05 | 15.55 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@1   | CP_QAM256  | 15.36 | 0.05 | 15.41 | 33.01 | PASS |
| n7 | 30 | 20 | 502000 | 1@49  | CP_QAM256  | 15.45 | 0.05 | 15.50 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | DFT_BPSK   | 21.92 | 0.05 | 21.97 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@1   | DFT_BPSK   | 21.97 | 0.05 | 22.02 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | DFT_BPSK   | 21.84 | 0.05 | 21.89 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | DFT_QPSK   | 22.02 | 0.05 | 22.07 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@1   | DFT_QPSK   | 21.69 | 0.05 | 21.74 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | DFT_QPSK   | 21.71 | 0.05 | 21.76 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | DFT_QAM16  | 21.10 | 0.05 | 21.15 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@1   | DFT_QAM16  | 21.32 | 0.05 | 21.37 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | DFT_QAM16  | 21.08 | 0.05 | 21.13 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | DFT_QAM64  | 19.55 | 0.05 | 19.60 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@1   | DFT_QAM64  | 19.48 | 0.05 | 19.53 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | DFT_QAM64  | 19.20 | 0.05 | 19.25 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | DFT_QAM256 | 17.50 | 0.05 | 17.55 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@1   | DFT_QAM256 | 17.31 | 0.05 | 17.36 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | DFT_QAM256 | 17.23 | 0.05 | 17.28 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | CP_QPSK    | 20.59 | 0.05 | 20.64 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@1   | CP_QPSK    | 20.46 | 0.05 | 20.51 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | CP_QPSK    | 20.25 | 0.05 | 20.30 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | CP_QAM16   | 20.00 | 0.05 | 20.05 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@1   | CP_QAM16   | 20.32 | 0.05 | 20.37 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | CP_QAM16   | 19.82 | 0.05 | 19.87 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | CP_QAM64   | 18.73 | 0.05 | 18.78 | 33.01 | PASS |

|    |    |    |        |       |            |       |      |       |       |      |
|----|----|----|--------|-------|------------|-------|------|-------|-------|------|
| n7 | 30 | 20 | 507000 | 1@1   | CP_QAM64   | 18.68 | 0.05 | 18.73 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | CP_QAM64   | 18.78 | 0.05 | 18.83 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 25@12 | CP_QAM256  | 15.51 | 0.05 | 15.56 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@1   | CP_QAM256  | 15.37 | 0.05 | 15.42 | 33.01 | PASS |
| n7 | 30 | 20 | 507000 | 1@49  | CP_QAM256  | 15.38 | 0.05 | 15.43 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | DFT_BPSK   | 22.09 | 0.05 | 22.14 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | DFT_BPSK   | 21.76 | 0.05 | 21.81 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | DFT_BPSK   | 22.06 | 0.05 | 22.11 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | DFT_QPSK   | 22.04 | 0.05 | 22.09 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | DFT_QPSK   | 21.72 | 0.05 | 21.77 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | DFT_QPSK   | 21.92 | 0.05 | 21.97 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | DFT_QAM16  | 21.10 | 0.05 | 21.15 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | DFT_QAM16  | 21.13 | 0.05 | 21.18 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | DFT_QAM16  | 21.34 | 0.05 | 21.39 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | DFT_QAM64  | 19.65 | 0.05 | 19.70 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | DFT_QAM64  | 19.34 | 0.05 | 19.39 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | DFT_QAM64  | 19.56 | 0.05 | 19.61 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | DFT_QAM256 | 17.51 | 0.05 | 17.56 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | DFT_QAM256 | 17.21 | 0.05 | 17.26 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | DFT_QAM256 | 17.76 | 0.05 | 17.81 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | CP_QPSK    | 20.48 | 0.05 | 20.53 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | CP_QPSK    | 20.23 | 0.05 | 20.28 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | CP_QPSK    | 20.34 | 0.05 | 20.39 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | CP_QAM16   | 20.18 | 0.05 | 20.23 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | CP_QAM16   | 19.87 | 0.05 | 19.92 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | CP_QAM16   | 20.09 | 0.05 | 20.14 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | CP_QAM64   | 18.70 | 0.05 | 18.75 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | CP_QAM64   | 18.74 | 0.05 | 18.79 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | CP_QAM64   | 19.55 | 0.05 | 19.60 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 25@12 | CP_QAM256  | 15.54 | 0.05 | 15.59 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@1   | CP_QAM256  | 15.22 | 0.05 | 15.27 | 33.01 | PASS |
| n7 | 30 | 20 | 512000 | 1@49  | CP_QAM256  | 15.60 | 0.05 | 15.65 | 33.01 | PASS |

## 2 Frequency stability for NR FR1

NT:

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Voltage (Vdc) | Result(Hz) | Result (ppm) | Limit (ppm)                         | Verdict |
|------|-----------|-----------------|------------|---------------|------------|---------------|------------|--------------|-------------------------------------|---------|
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 3.45          | -1.49      | 0.00         | Within authorized band for 5G NR n7 | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 3.85          | -1.83      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 4.40          | -1.45      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 3.45          | -5.54      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 3.85          | -1.45      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 4.40          | -6.41      | 0.00         |                                     | PASS    |

Note: Only the worst case shown in the report.

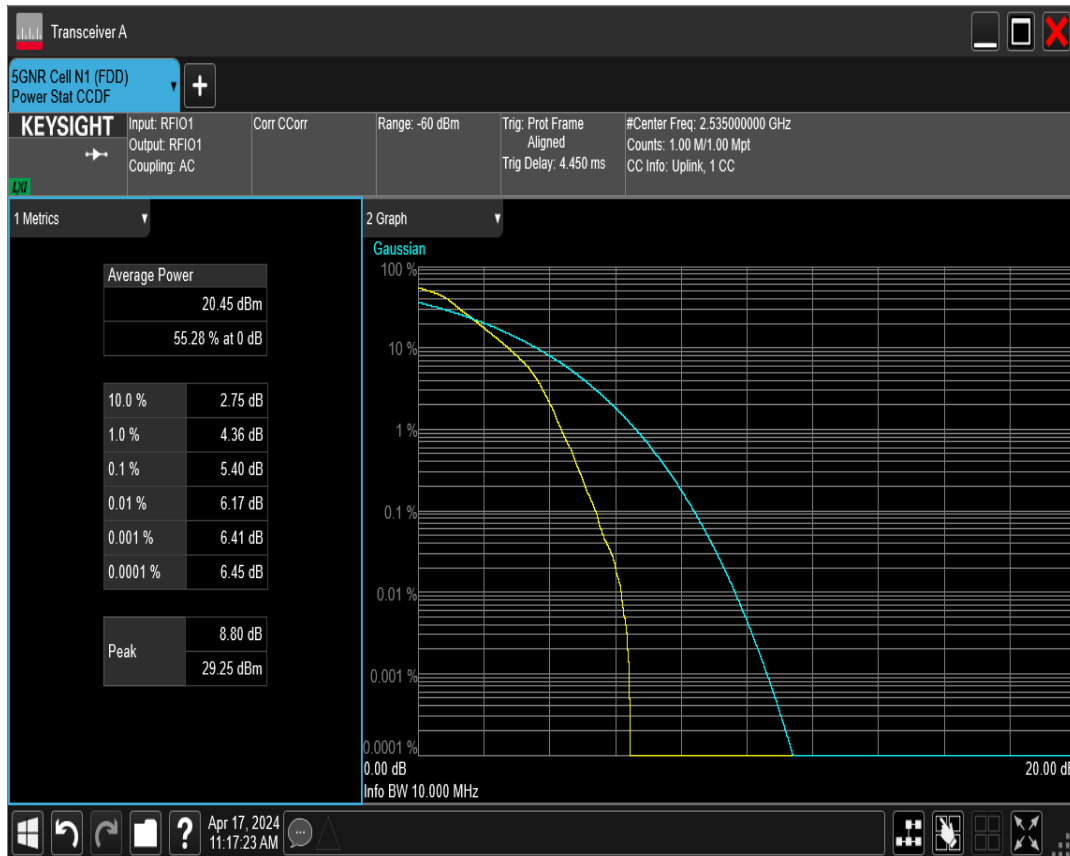
NV:

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Temperature(°C) | Result(Hz) | Result (ppm) | Limit (ppm)                         | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------|--------------|-------------------------------------|---------|
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | -30             | -1.49      | 0.00         | Within authorized band for 5G NR n7 | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | -20             | -1.83      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | -10             | -1.45      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 0               | -5.54      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 10              | -1.45      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 20              | -6.41      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 30              | -1.49      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 40              | -1.83      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_BPSK   | 50              | -1.45      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | -30             | -5.54      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | -20             | -1.45      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | -10             | -6.41      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 0               | -1.49      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 10              | -1.83      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 20              | -1.45      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 30              | -5.54      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 40              | -1.45      | 0.00         |                                     | PASS    |
| n7   | 30        | 20              | 507000     | 25@12         | DFT_QPSK   | 50              | -6.41      | 0.00         |                                     | PASS    |

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

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n7   | 30        | 10              | 507000     | 24@0          | DFT_BPSK   | 5.40        | 13              | PASS    |
| n7   | 30        | 10              | 507000     | 24@0          | DFT_QPSK   | 5.70        | 13              | PASS    |
| n7   | 30        | 10              | 507000     | 24@0          | DFT_QAM16  | 10.21       | 13              | PASS    |
| n7   | 30        | 10              | 507000     | 24@0          | DFT_QAM64  | 6.99        | 13              | PASS    |
| n7   | 30        | 10              | 507000     | 24@0          | DFT_QAM256 | 6.91        | 13              | PASS    |
| n7   | 30        | 15              | 507000     | 36@0          | DFT_BPSK   | 4.73        | 13              | PASS    |
| n7   | 30        | 15              | 507000     | 36@0          | DFT_QPSK   | 5.84        | 13              | PASS    |
| n7   | 30        | 15              | 507000     | 36@0          | DFT_QAM16  | 8.42        | 13              | PASS    |
| n7   | 30        | 15              | 507000     | 36@0          | DFT_QAM64  | 6.86        | 13              | PASS    |
| n7   | 30        | 15              | 507000     | 36@0          | DFT_QAM256 | 7.17        | 13              | PASS    |
| n7   | 30        | 20              | 507000     | 50@0          | DFT_BPSK   | 4.72        | 13              | PASS    |
| n7   | 30        | 20              | 507000     | 50@0          | DFT_QPSK   | 5.94        | 13              | PASS    |
| n7   | 30        | 20              | 507000     | 50@0          | DFT_QAM16  | 8.42        | 13              | PASS    |
| n7   | 30        | 20              | 507000     | 50@0          | DFT_QAM64  | 7.08        | 13              | PASS    |
| n7   | 30        | 20              | 507000     | 50@0          | DFT_QAM256 | 7.15        | 13              | PASS    |

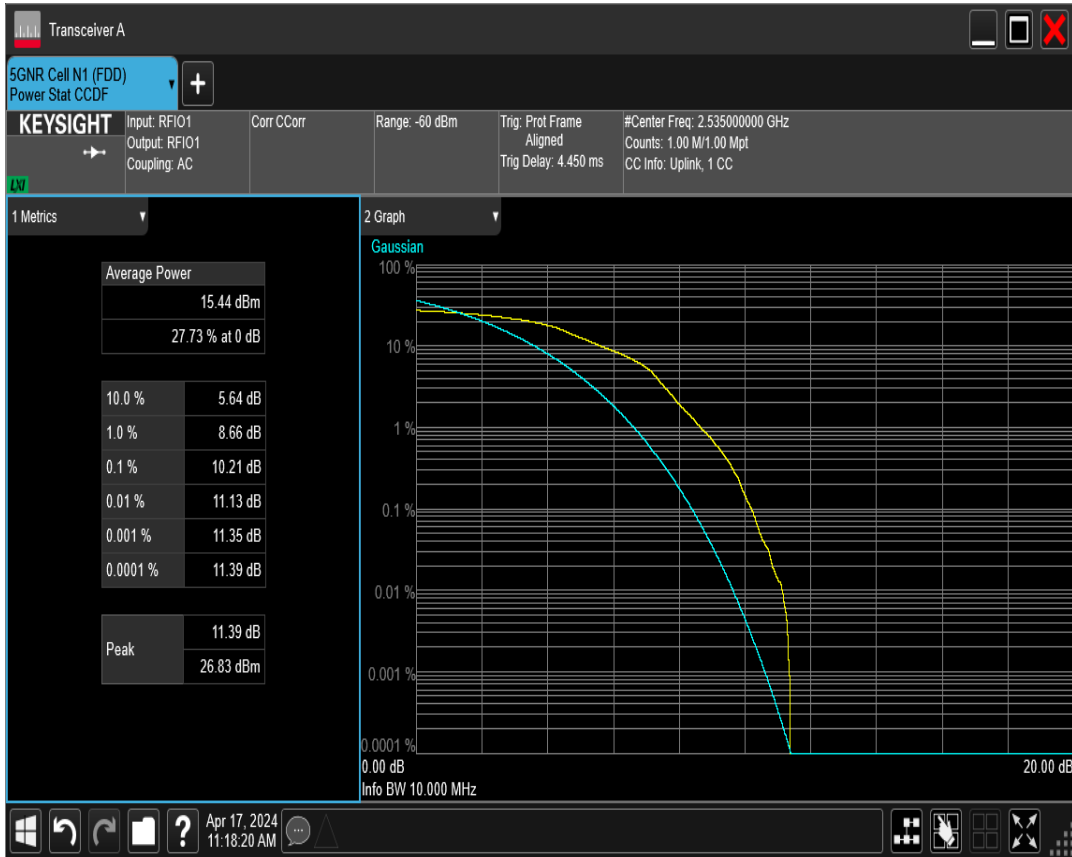
n7 SCS=30kHz DFT\_BPSK BW=10MHz Channel=507000 RB=24@0



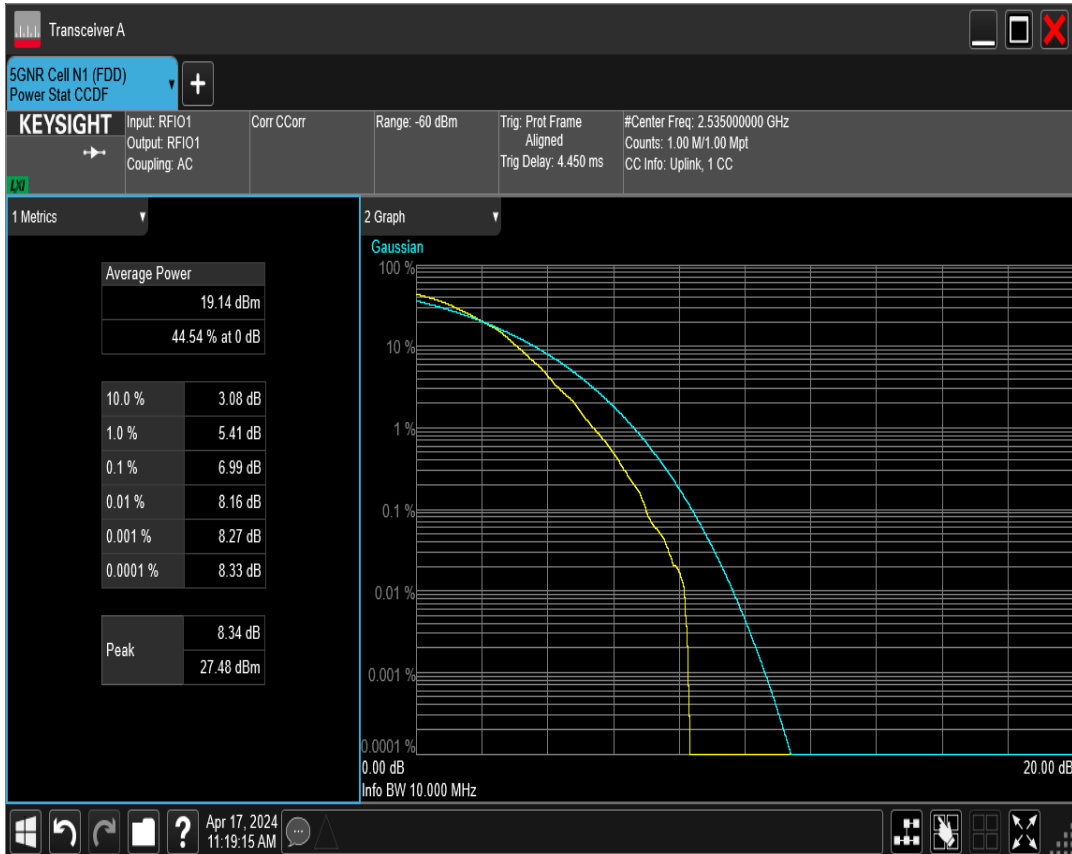
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=24@0



n7 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=507000 RB=24@0



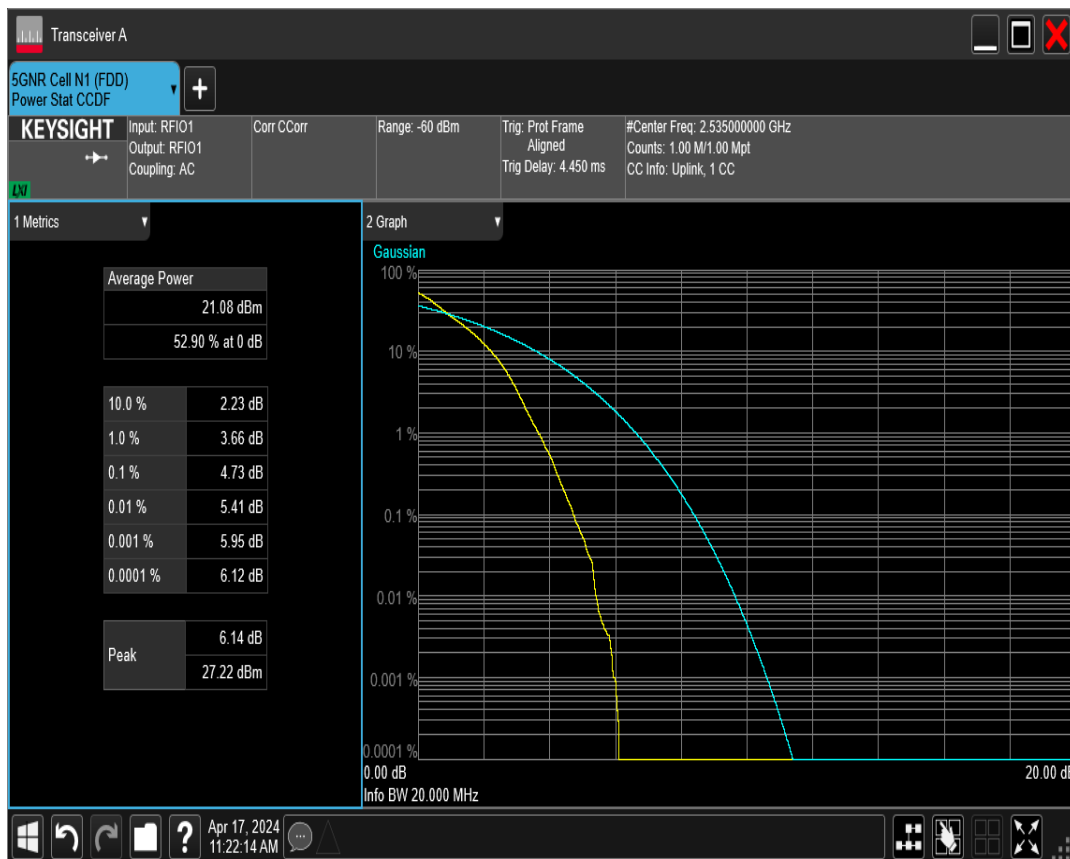
n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=507000 RB=24@0



n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=507000 RB=24@0



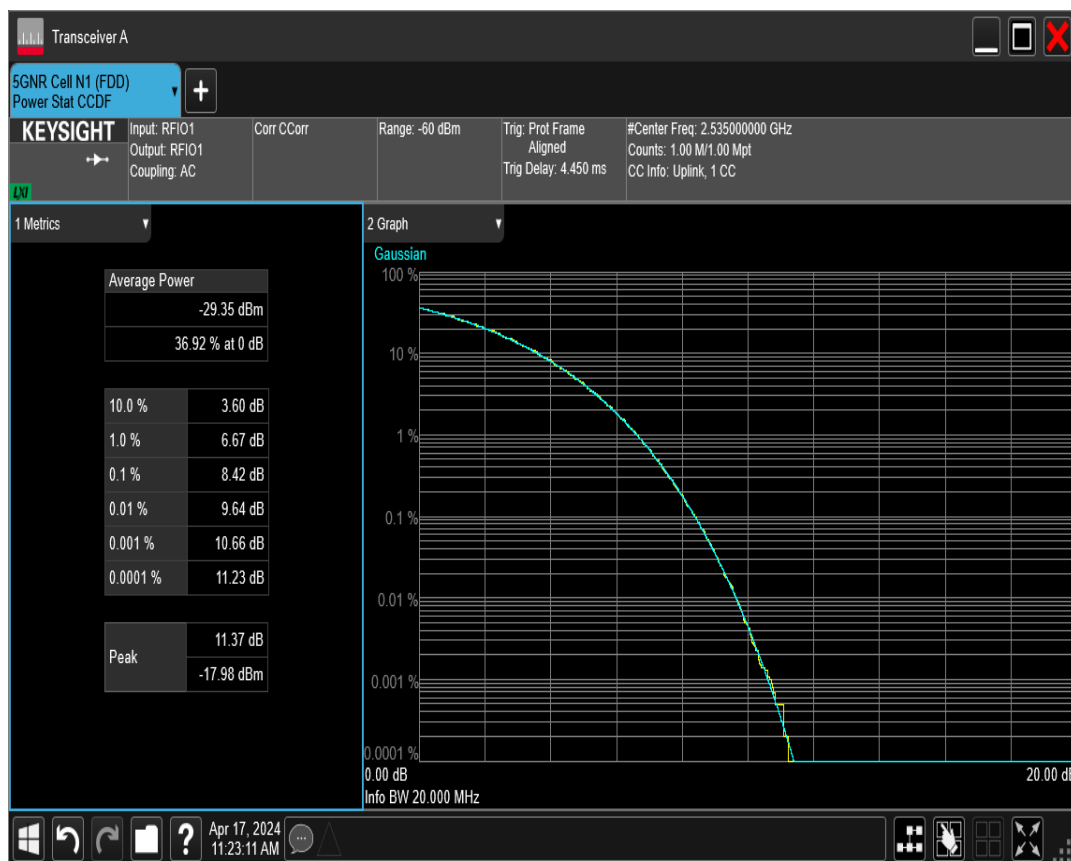
n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=507000 RB=36@0



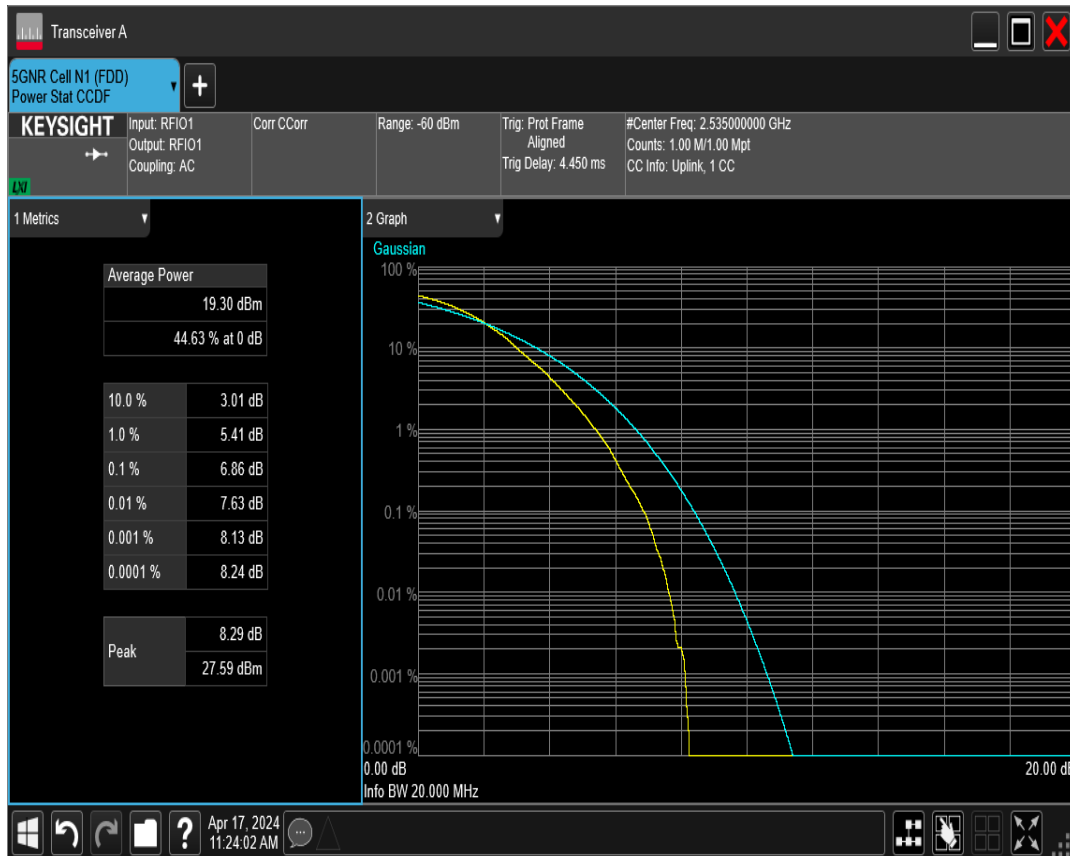
n7 SCS=30kHz DFT\_QPSK BW=15MHz Channel=507000 RB=36@0



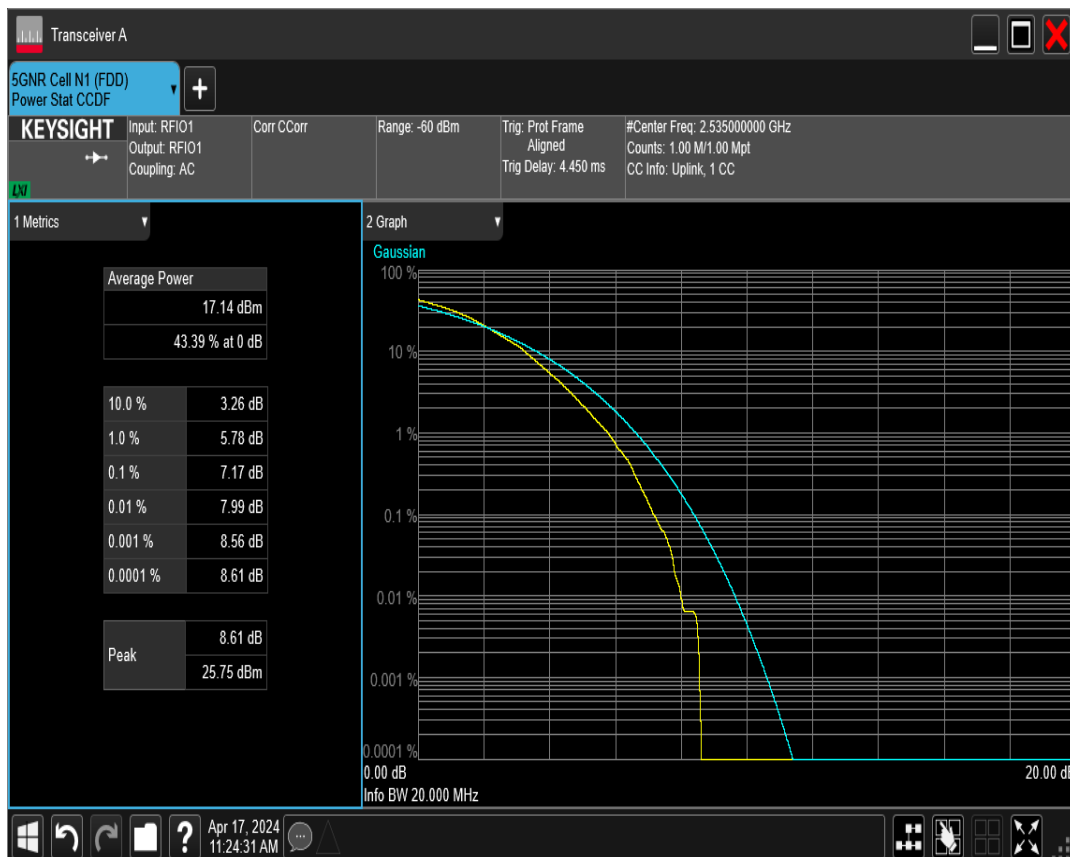
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=507000 RB=36@0



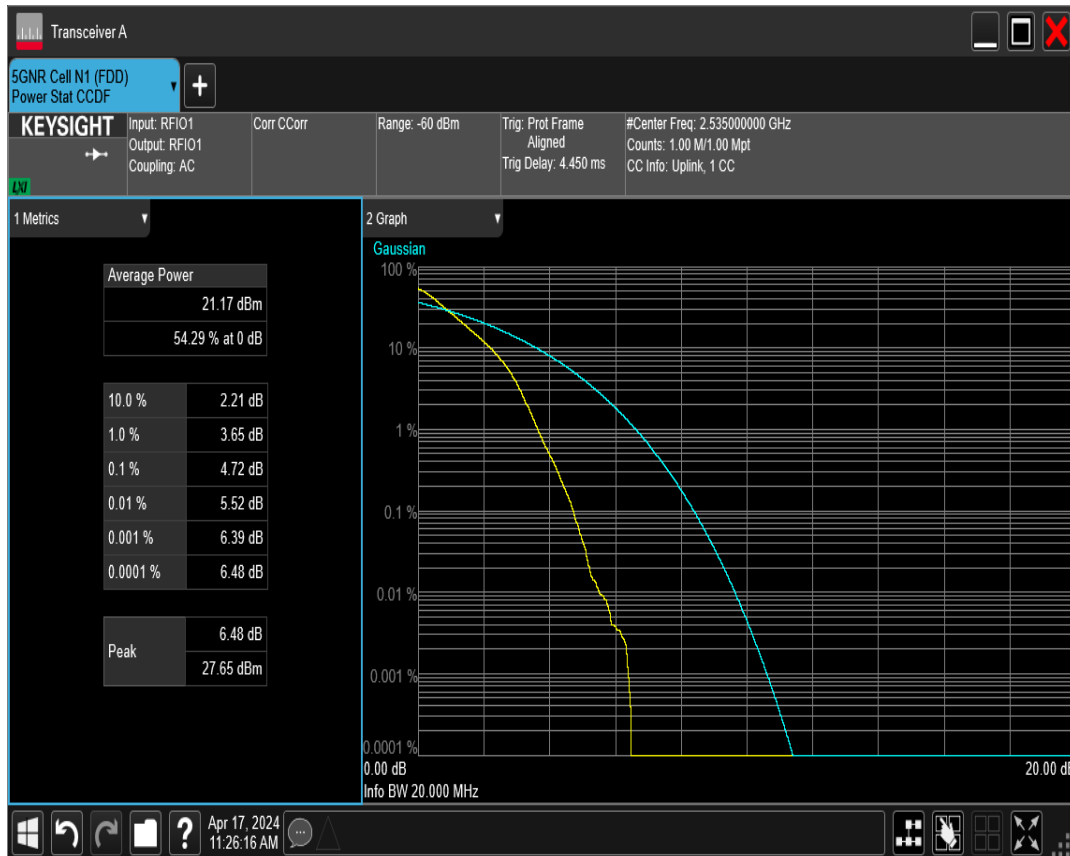
n7 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=507000 RB=36@0



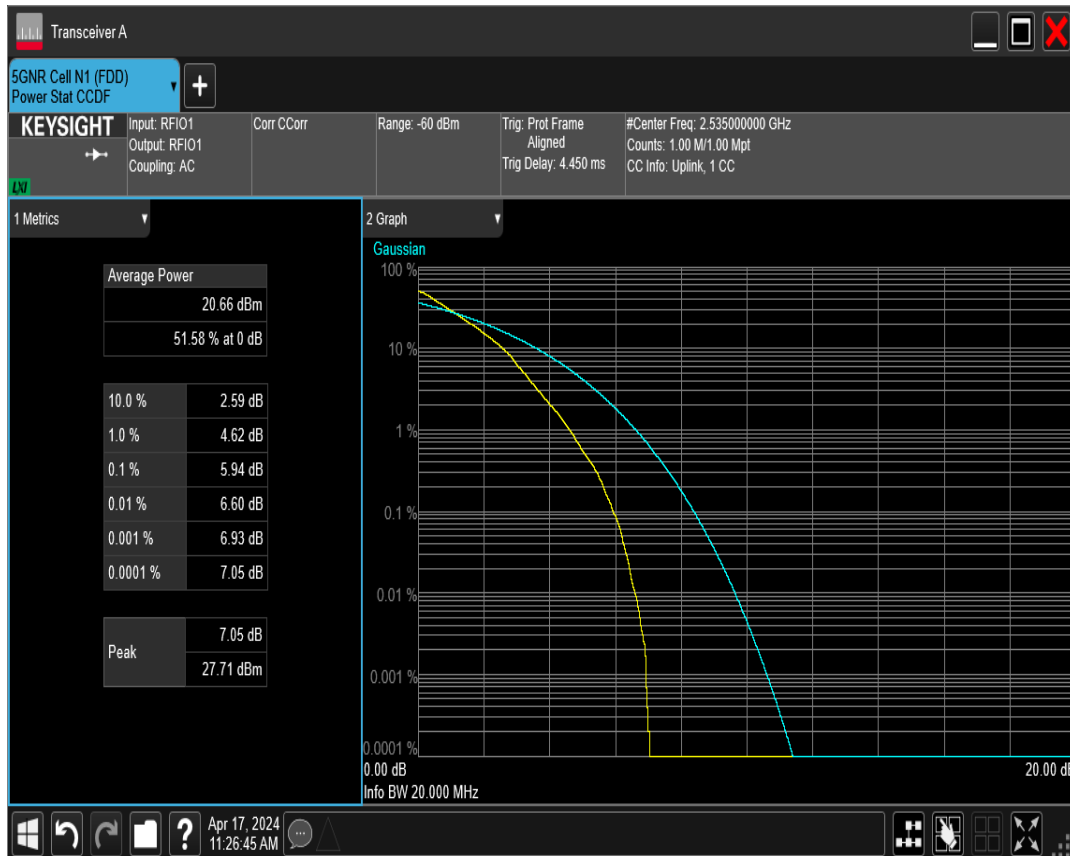
n7 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=507000 RB=36@0



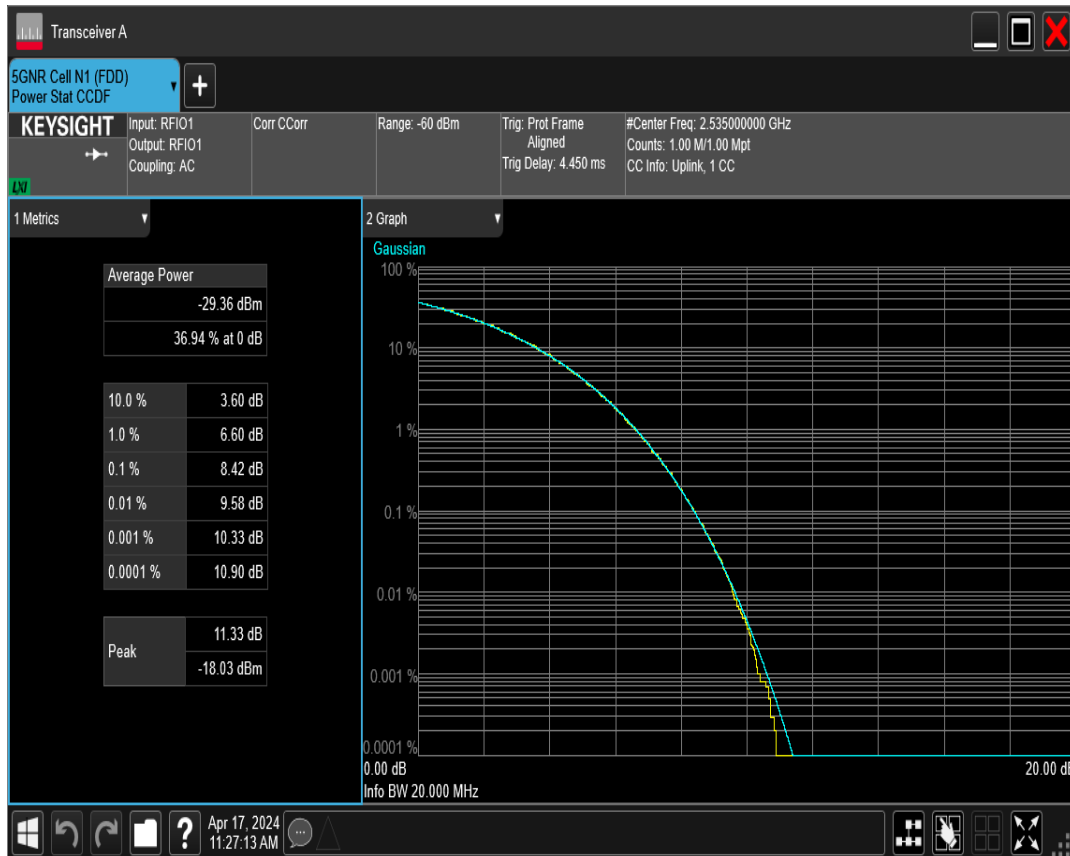
n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=507000 RB=50@0



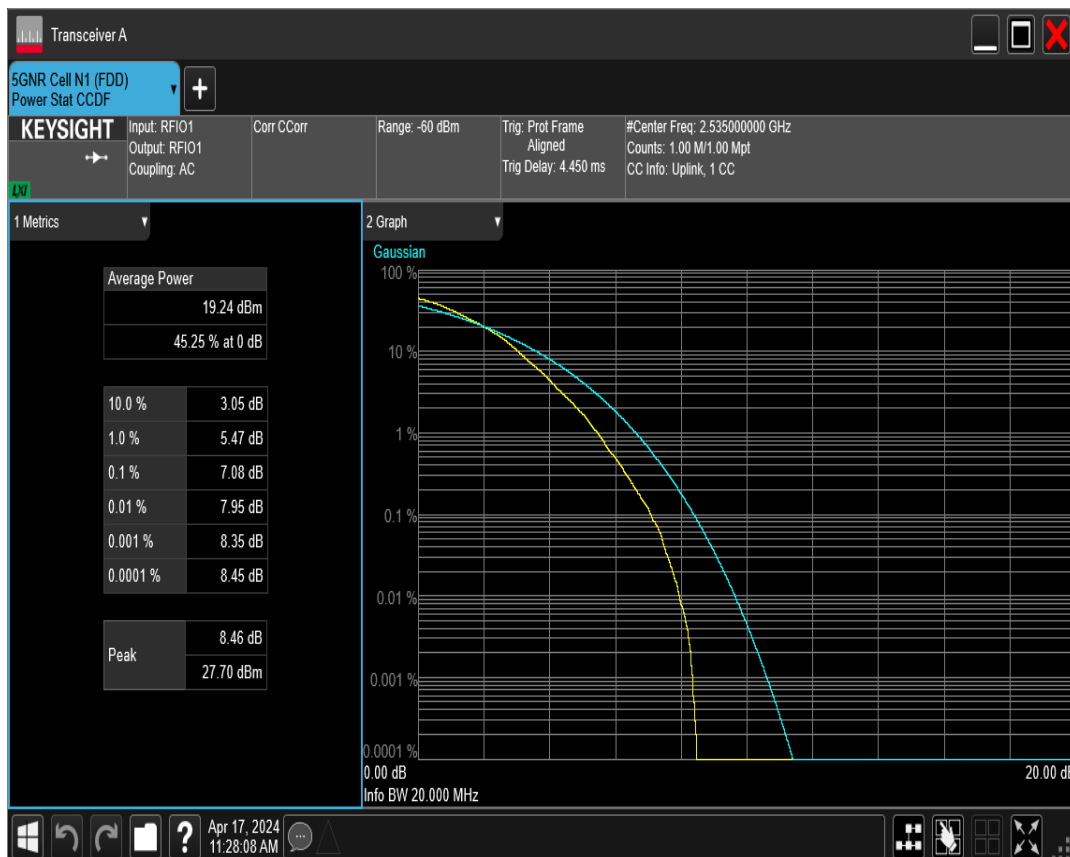
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=50@0



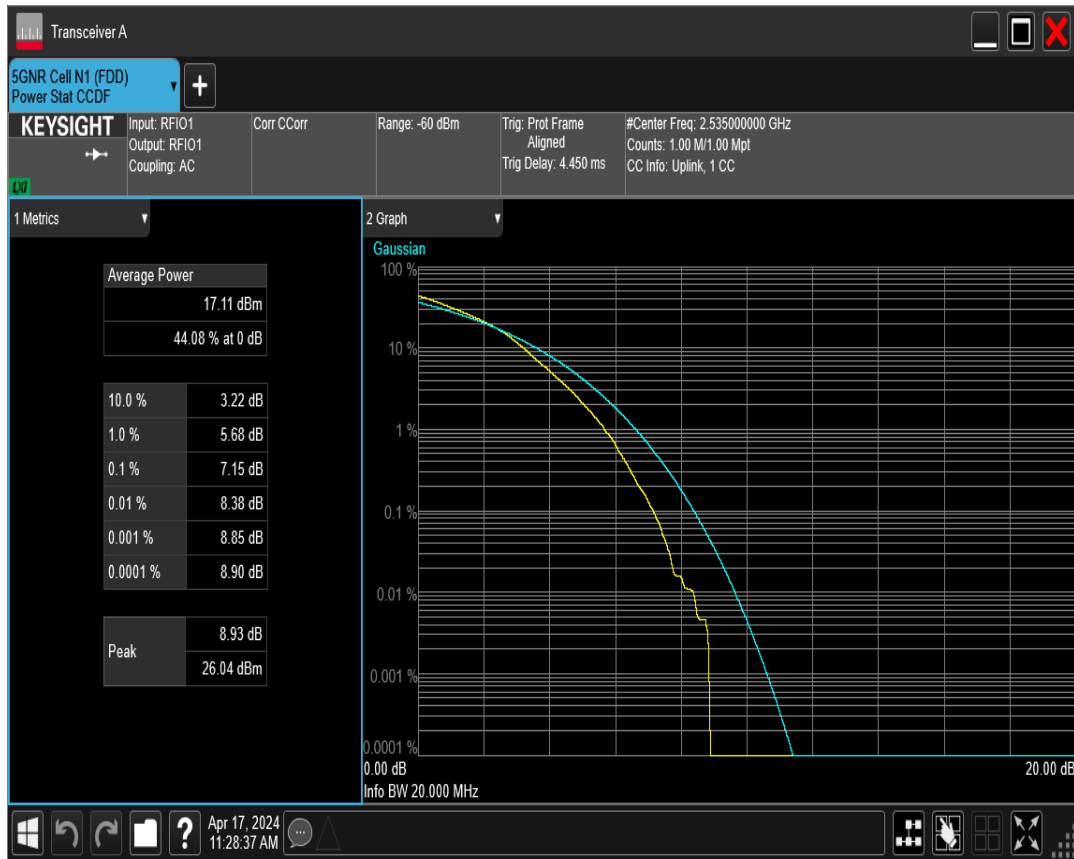
n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=507000 RB=50@0

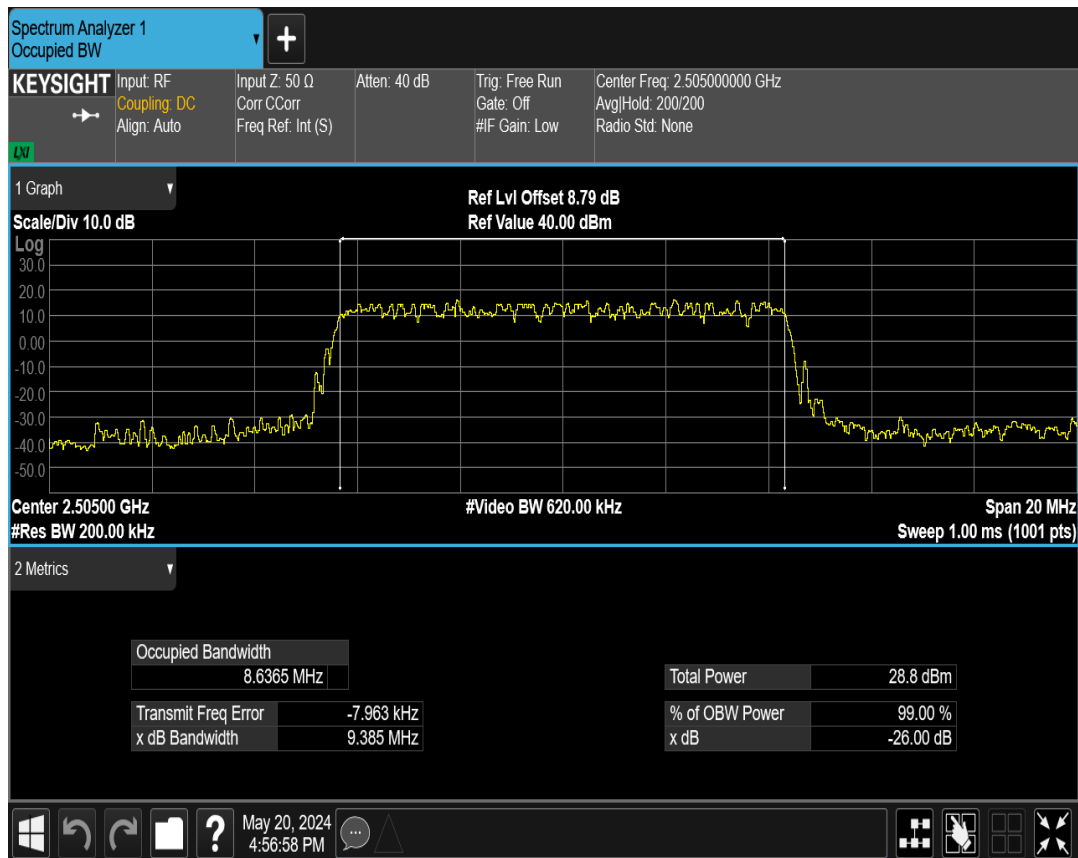


## 4 Occupied bandwidth for NR FR1

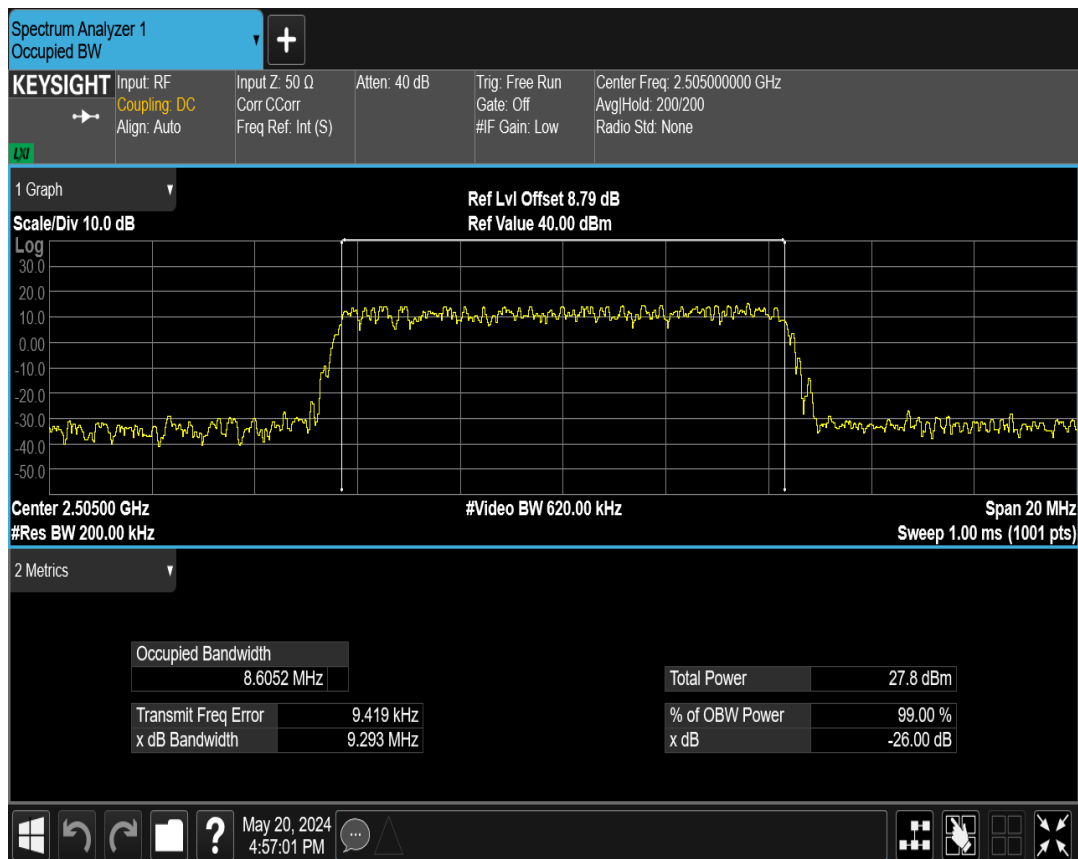
| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------|--------------------|---------|
| n7   | 30           | 10                 | 501000        | 24@0             | DFT_BPSK   | 8.636            | 9.385              | PASS    |
| n7   | 30           | 10                 | 501000        | 24@0             | DFT_QPSK   | 8.605            | 9.293              | PASS    |
| n7   | 30           | 10                 | 501000        | 24@0             | DFT_QAM16  | 8.618            | 9.188              | PASS    |
| n7   | 30           | 10                 | 501000        | 24@0             | DFT_QAM64  | 8.674            | 9.377              | PASS    |
| n7   | 30           | 10                 | 501000        | 24@0             | DFT_QAM256 | 8.589            | 9.092              | PASS    |
| n7   | 30           | 10                 | 501000        | 24@0             | CP_QPSK    | 8.605            | 9.419              | PASS    |
| n7   | 30           | 10                 | 507000        | 24@0             | DFT_BPSK   | 8.684            | 9.325              | PASS    |
| n7   | 30           | 10                 | 507000        | 24@0             | DFT_QPSK   | 8.545            | 9.197              | PASS    |
| n7   | 30           | 10                 | 507000        | 24@0             | DFT_QAM16  | 8.588            | 9.124              | PASS    |
| n7   | 30           | 10                 | 507000        | 24@0             | DFT_QAM64  | 8.581            | 9.083              | PASS    |
| n7   | 30           | 10                 | 507000        | 24@0             | DFT_QAM256 | 8.614            | 9.299              | PASS    |
| n7   | 30           | 10                 | 507000        | 24@0             | CP_QPSK    | 8.534            | 9.060              | PASS    |
| n7   | 30           | 10                 | 513000        | 24@0             | DFT_BPSK   | 8.631            | 9.413              | PASS    |
| n7   | 30           | 10                 | 513000        | 24@0             | DFT_QPSK   | 8.577            | 9.112              | PASS    |
| n7   | 30           | 10                 | 513000        | 24@0             | DFT_QAM16  | 8.605            | 9.088              | PASS    |
| n7   | 30           | 10                 | 513000        | 24@0             | DFT_QAM64  | 8.533            | 9.156              | PASS    |
| n7   | 30           | 10                 | 513000        | 24@0             | DFT_QAM256 | 8.620            | 9.194              | PASS    |
| n7   | 30           | 10                 | 513000        | 24@0             | CP_QPSK    | 8.620            | 9.210              | PASS    |
| n7   | 30           | 15                 | 501500        | 36@0             | DFT_BPSK   | 12.904           | 13.776             | PASS    |
| n7   | 30           | 15                 | 501500        | 36@0             | DFT_QPSK   | 12.944           | 13.793             | PASS    |
| n7   | 30           | 15                 | 501500        | 36@0             | DFT_QAM16  | 12.839           | 13.705             | PASS    |
| n7   | 30           | 15                 | 501500        | 36@0             | DFT_QAM64  | 12.865           | 13.692             | PASS    |
| n7   | 30           | 15                 | 501500        | 36@0             | DFT_QAM256 | 12.924           | 13.686             | PASS    |
| n7   | 30           | 15                 | 501500        | 38@0             | CP_QPSK    | 13.593           | 14.271             | PASS    |
| n7   | 30           | 15                 | 507000        | 36@0             | DFT_BPSK   | 12.876           | 13.637             | PASS    |
| n7   | 30           | 15                 | 507000        | 36@0             | DFT_QPSK   | 12.951           | 13.781             | PASS    |
| n7   | 30           | 15                 | 507000        | 36@0             | DFT_QAM16  | 12.854           | 13.780             | PASS    |
| n7   | 30           | 15                 | 507000        | 36@0             | DFT_QAM64  | 12.955           | 13.649             | PASS    |
| n7   | 30           | 15                 | 507000        | 36@0             | DFT_QAM256 | 12.831           | 13.709             | PASS    |
| n7   | 30           | 15                 | 507000        | 38@0             | CP_QPSK    | 13.673           | 14.481             | PASS    |
| n7   | 30           | 15                 | 512500        | 36@0             | DFT_BPSK   | 12.855           | 13.768             | PASS    |
| n7   | 30           | 15                 | 512500        | 36@0             | DFT_QPSK   | 12.925           | 13.719             | PASS    |
| n7   | 30           | 15                 | 512500        | 36@0             | DFT_QAM16  | 13.015           | 13.733             | PASS    |
| n7   | 30           | 15                 | 512500        | 36@0             | DFT_QAM64  | 12.906           | 13.739             | PASS    |
| n7   | 30           | 15                 | 512500        | 36@0             | DFT_QAM256 | 12.912           | 13.706             | PASS    |
| n7   | 30           | 15                 | 512500        | 38@0             | CP_QPSK    | 13.625           | 14.485             | PASS    |
| n7   | 30           | 20                 | 502000        | 50@0             | DFT_BPSK   | 17.932           | 18.941             | PASS    |
| n7   | 30           | 20                 | 502000        | 50@0             | DFT_QPSK   | 17.922           | 18.914             | PASS    |
| n7   | 30           | 20                 | 502000        | 50@0             | DFT_QAM16  | 17.793           | 18.921             | PASS    |

|    |    |    |        |      |            |        |        |      |
|----|----|----|--------|------|------------|--------|--------|------|
| n7 | 30 | 20 | 502000 | 50@0 | DFT_QAM64  | 17.963 | 18.846 | PASS |
| n7 | 30 | 20 | 502000 | 50@0 | DFT_QAM256 | 18.009 | 18.888 | PASS |
| n7 | 30 | 20 | 502000 | 51@0 | CP_QPSK    | 18.301 | 19.424 | PASS |
| n7 | 30 | 20 | 507000 | 50@0 | DFT_BPSK   | 18.002 | 18.912 | PASS |
| n7 | 30 | 20 | 507000 | 50@0 | DFT_QPSK   | 17.860 | 18.828 | PASS |
| n7 | 30 | 20 | 507000 | 50@0 | DFT_QAM16  | 17.932 | 19.044 | PASS |
| n7 | 30 | 20 | 507000 | 50@0 | DFT_QAM64  | 17.849 | 19.004 | PASS |
| n7 | 30 | 20 | 507000 | 50@0 | DFT_QAM256 | 17.996 | 18.983 | PASS |
| n7 | 30 | 20 | 507000 | 51@0 | CP_QPSK    | 18.299 | 19.262 | PASS |
| n7 | 30 | 20 | 512000 | 50@0 | DFT_BPSK   | 17.984 | 19.058 | PASS |
| n7 | 30 | 20 | 512000 | 50@0 | DFT_QPSK   | 17.949 | 18.974 | PASS |
| n7 | 30 | 20 | 512000 | 50@0 | DFT_QAM16  | 18.046 | 18.959 | PASS |
| n7 | 30 | 20 | 512000 | 50@0 | DFT_QAM64  | 17.876 | 18.843 | PASS |
| n7 | 30 | 20 | 512000 | 50@0 | DFT_QAM256 | 18.001 | 18.937 | PASS |
| n7 | 30 | 20 | 512000 | 51@0 | CP_QPSK    | 18.223 | 19.379 | PASS |

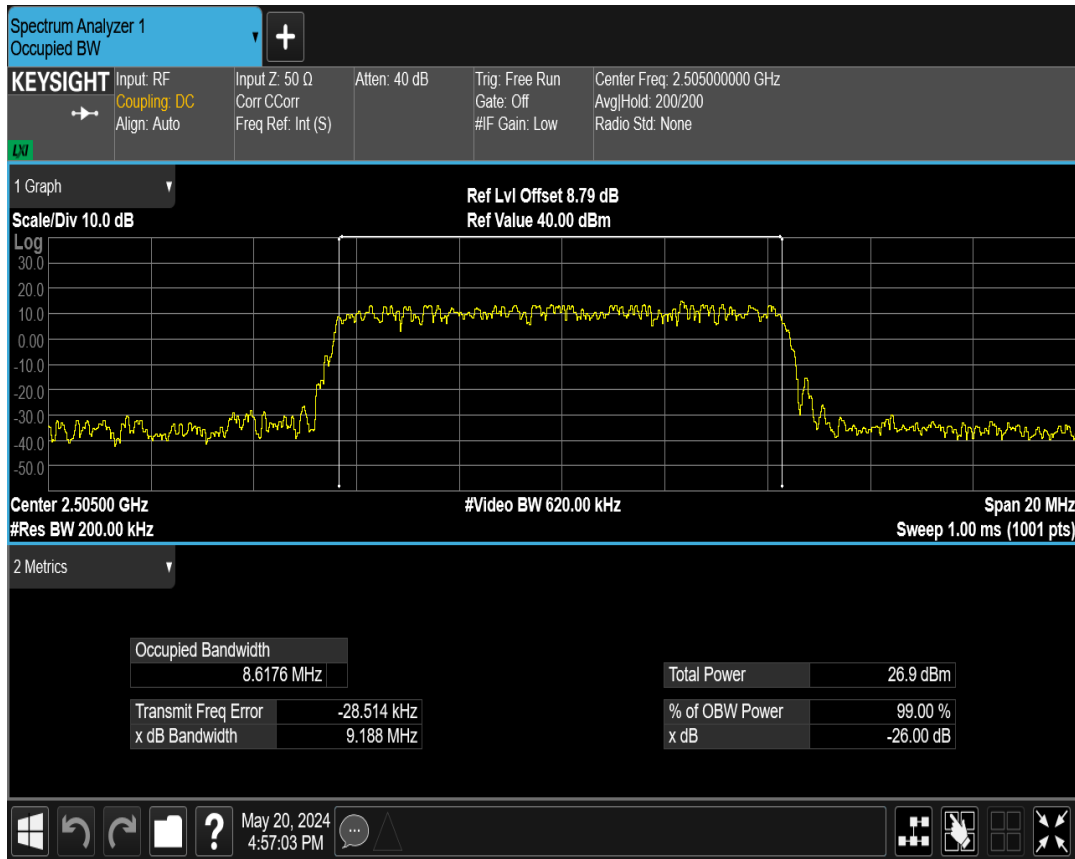
n7 SCS=30kHz DFT\_BPSK BW=10MHz Channel=501000 RB=24@0



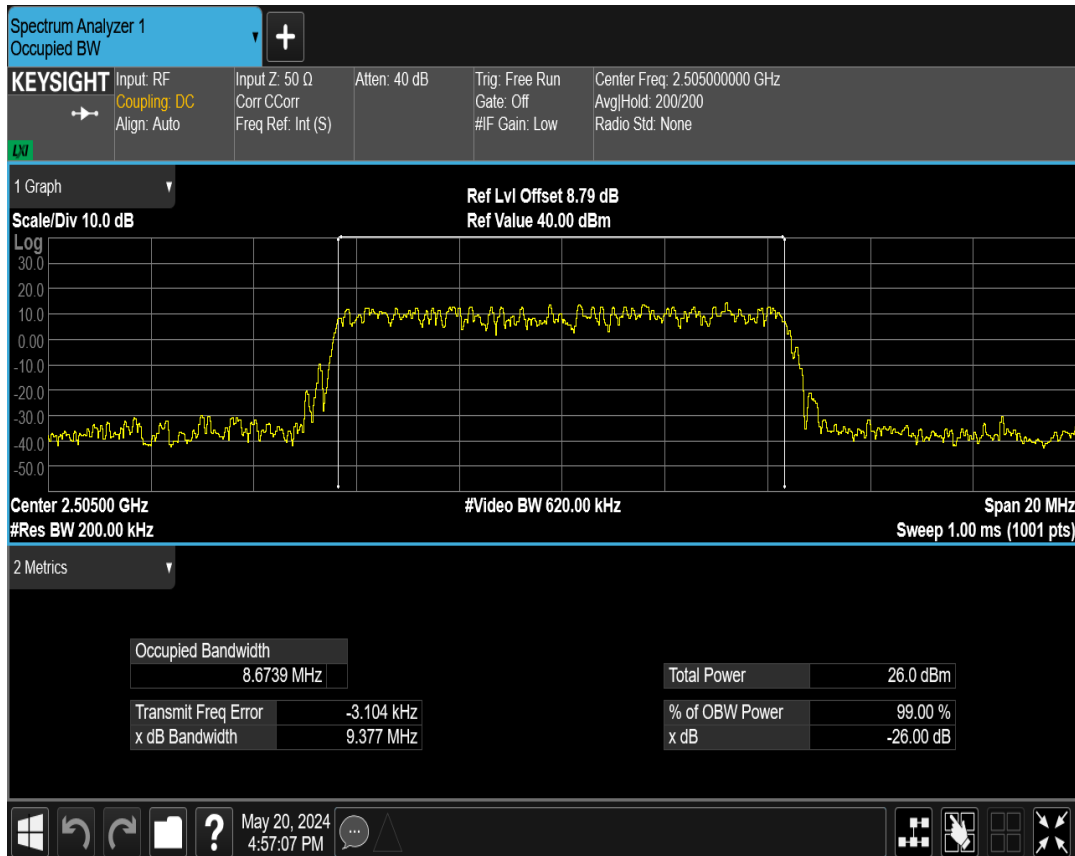
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



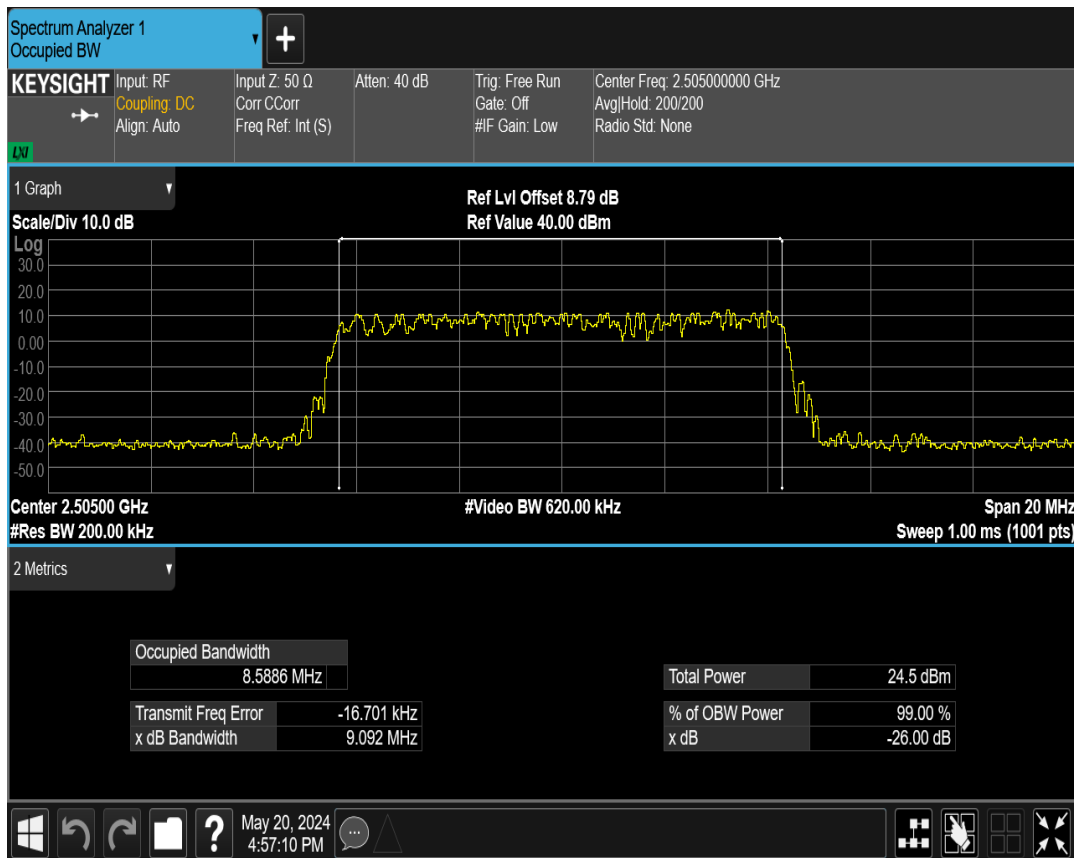
n7 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=501000 RB=24@0



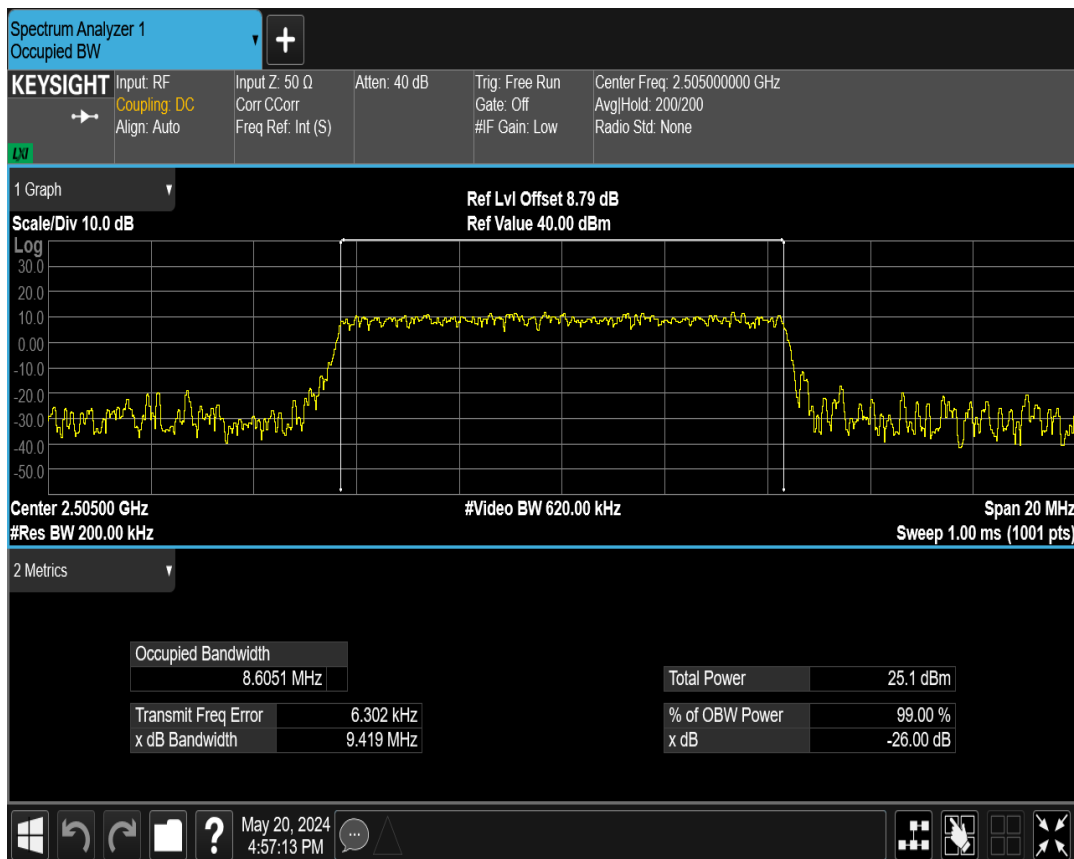
n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=501000 RB=24@0



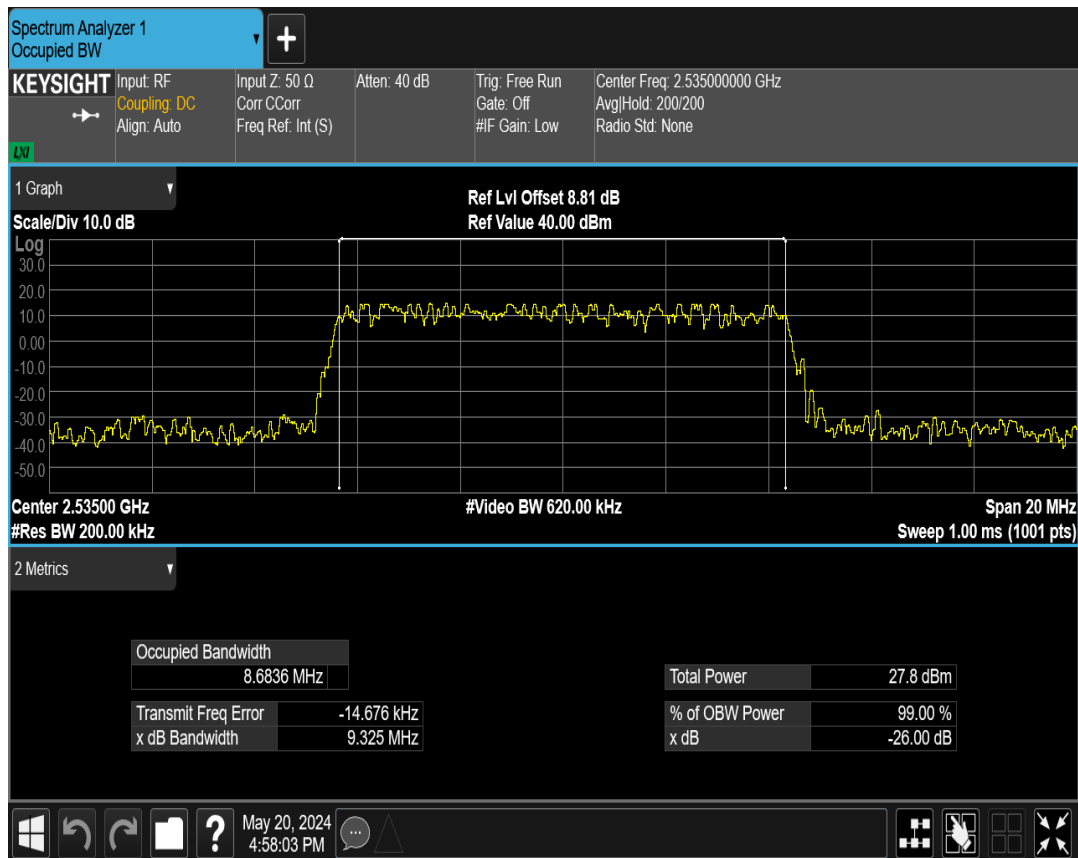
n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=501000 RB=24@0



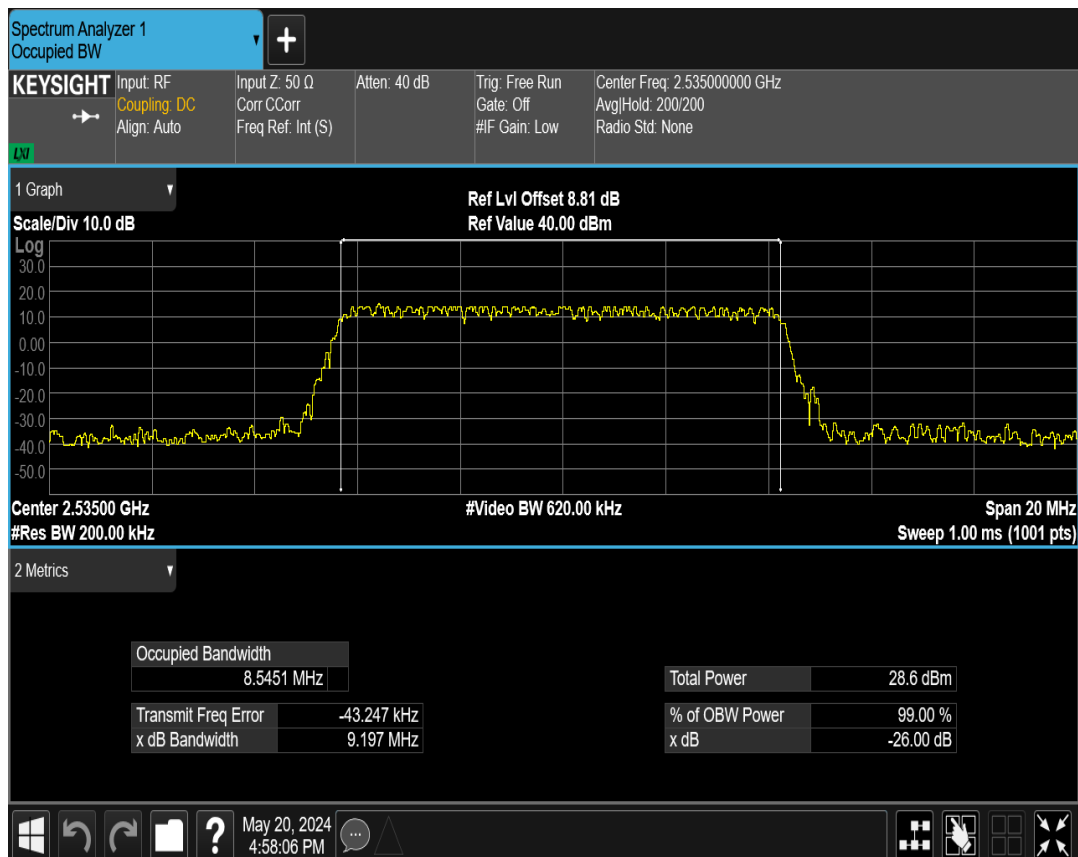
n7 SCS=30kHz CP\_QPSK BW=10MHz Channel=501000 RB=24@0



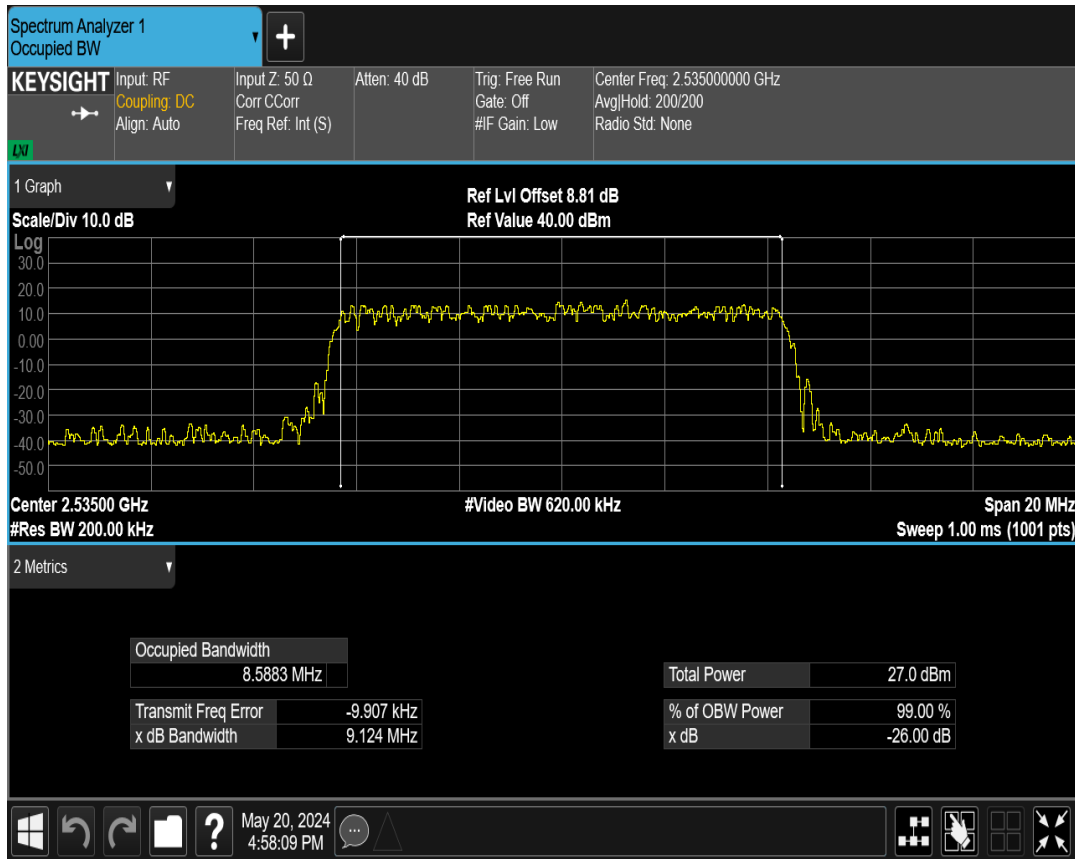
n7 SCS=30kHz DFT\_BPSK BW=10MHz Channel=507000 RB=24@0



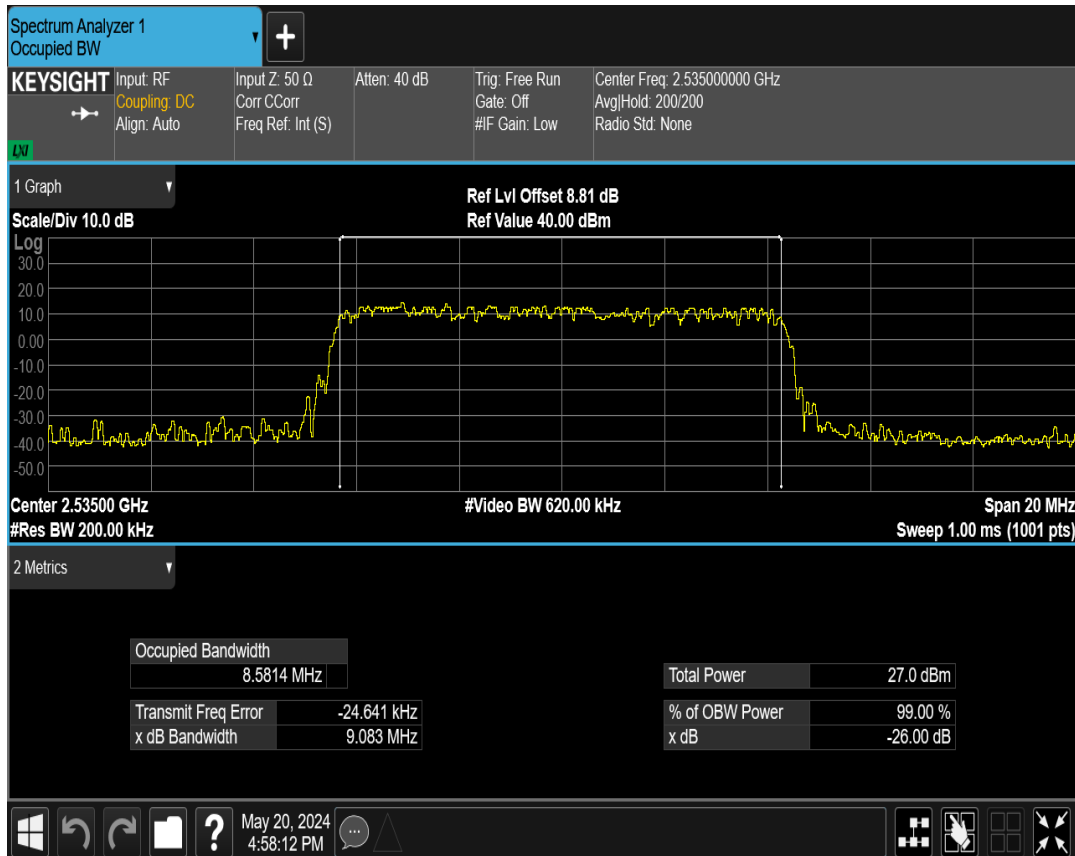
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=24@0



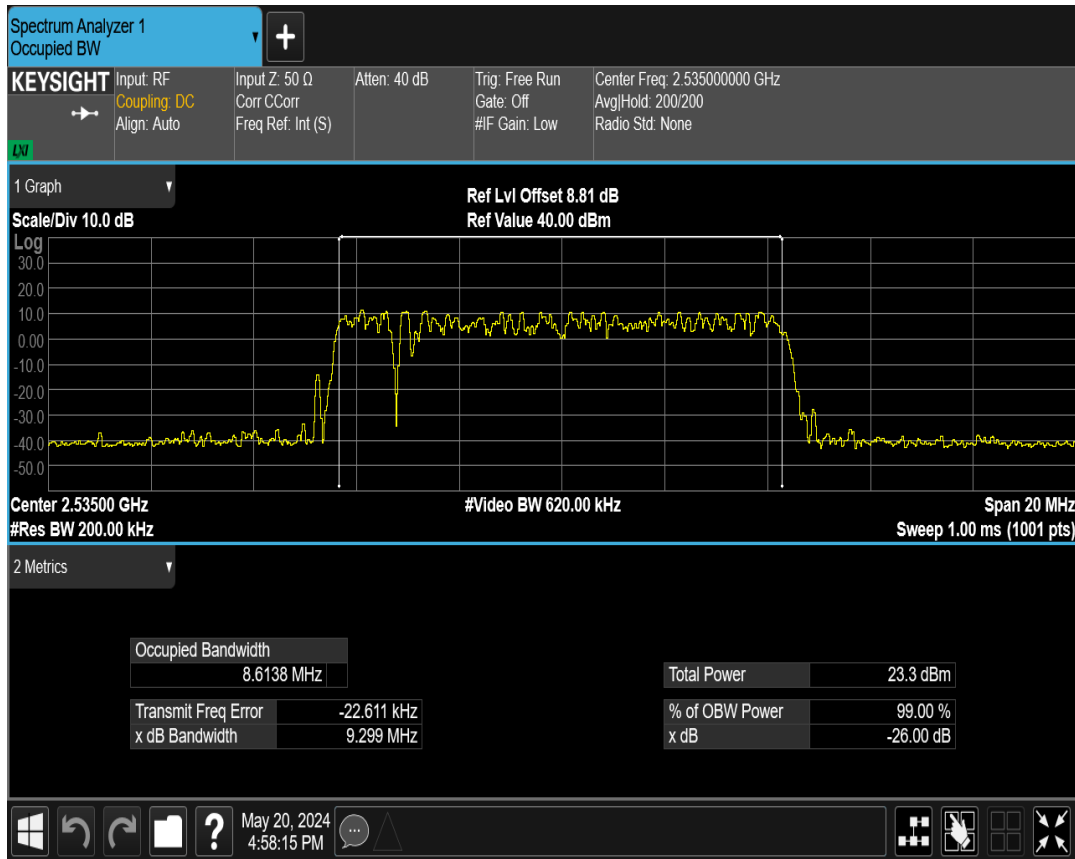
n7 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=507000 RB=24@0



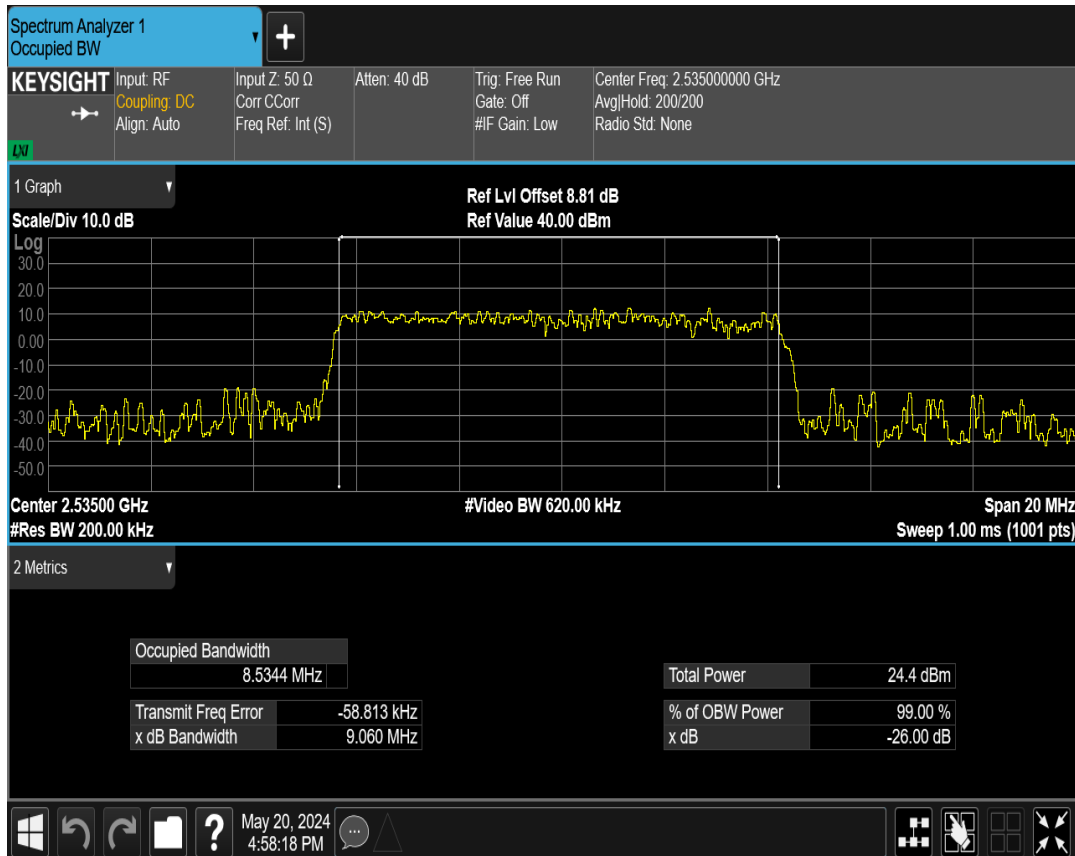
n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=507000 RB=24@0



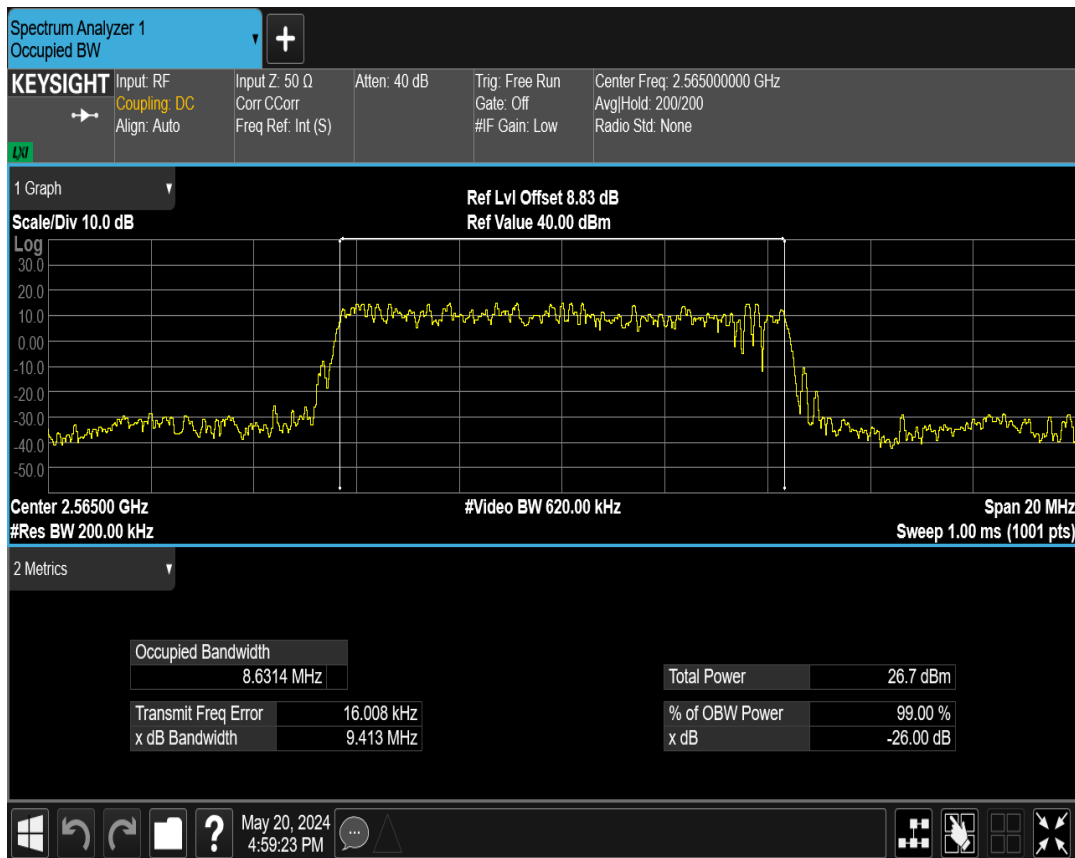
n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=507000 RB=24@0



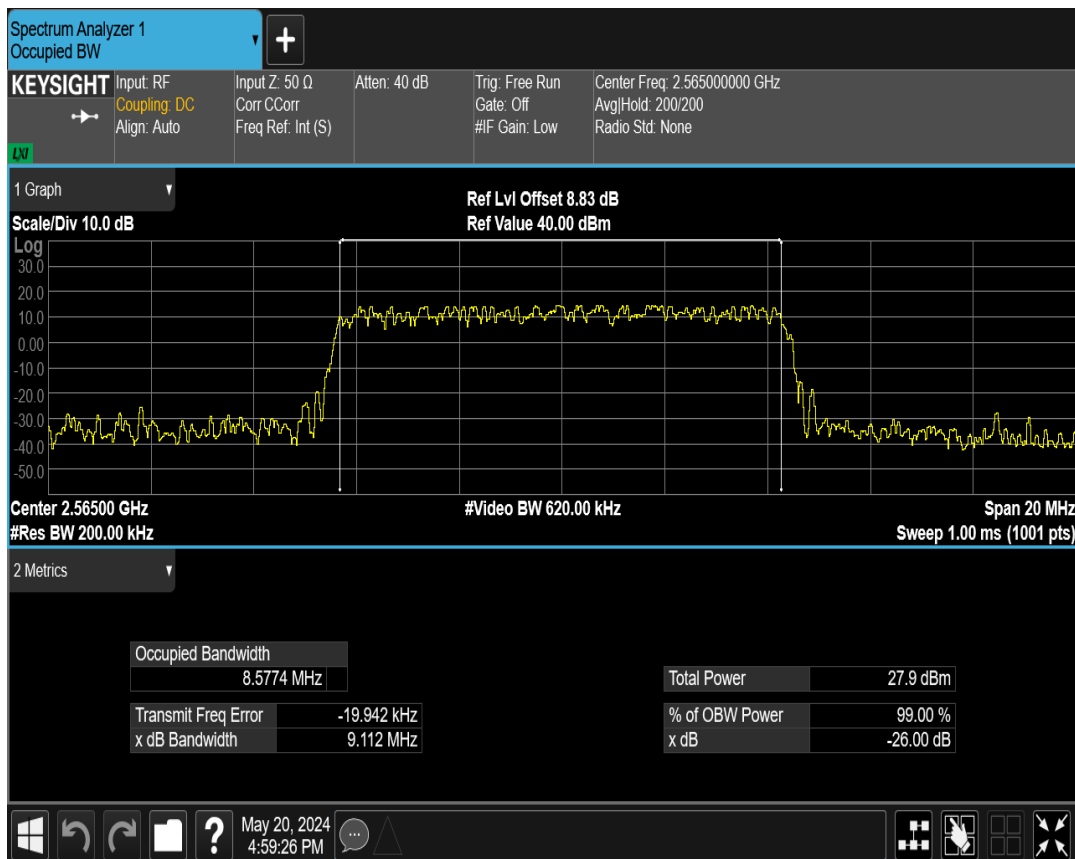
n7 SCS=30kHz CP\_QPSK BW=10MHz Channel=507000 RB=24@0



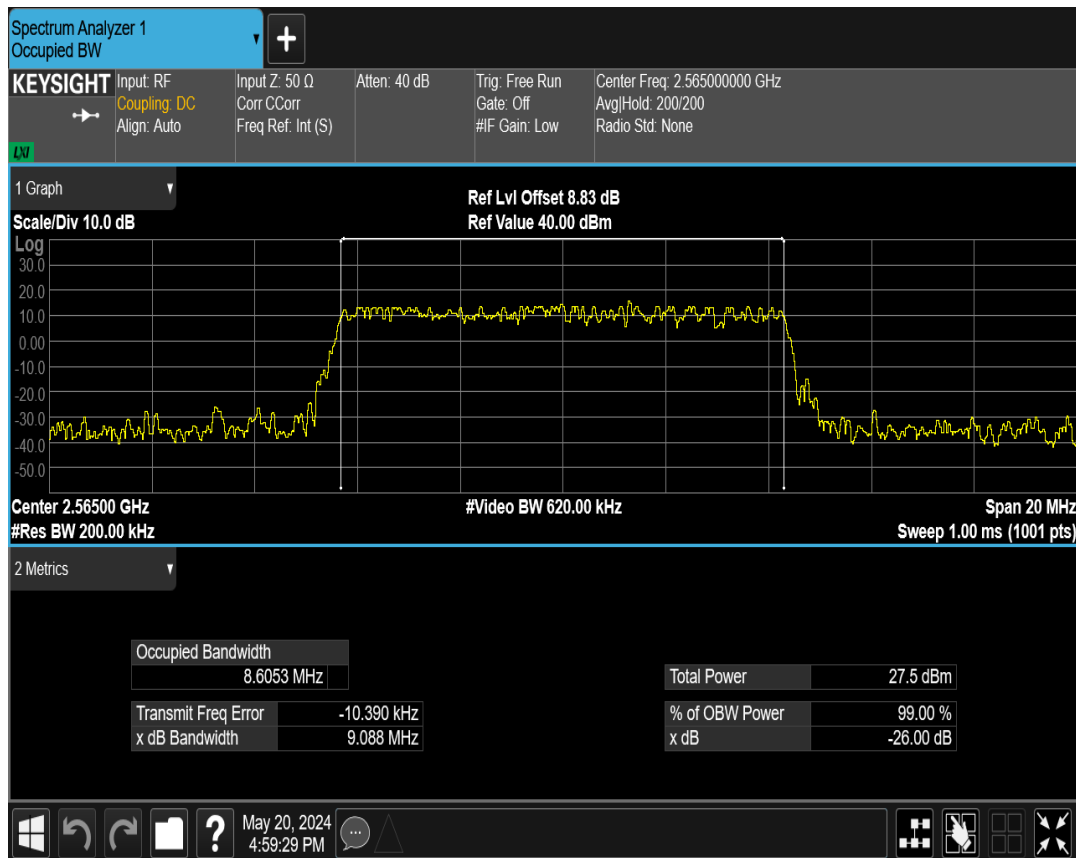
n7 SCS=30kHz DFT\_BPSK BW=10MHz Channel=513000 RB=24@0



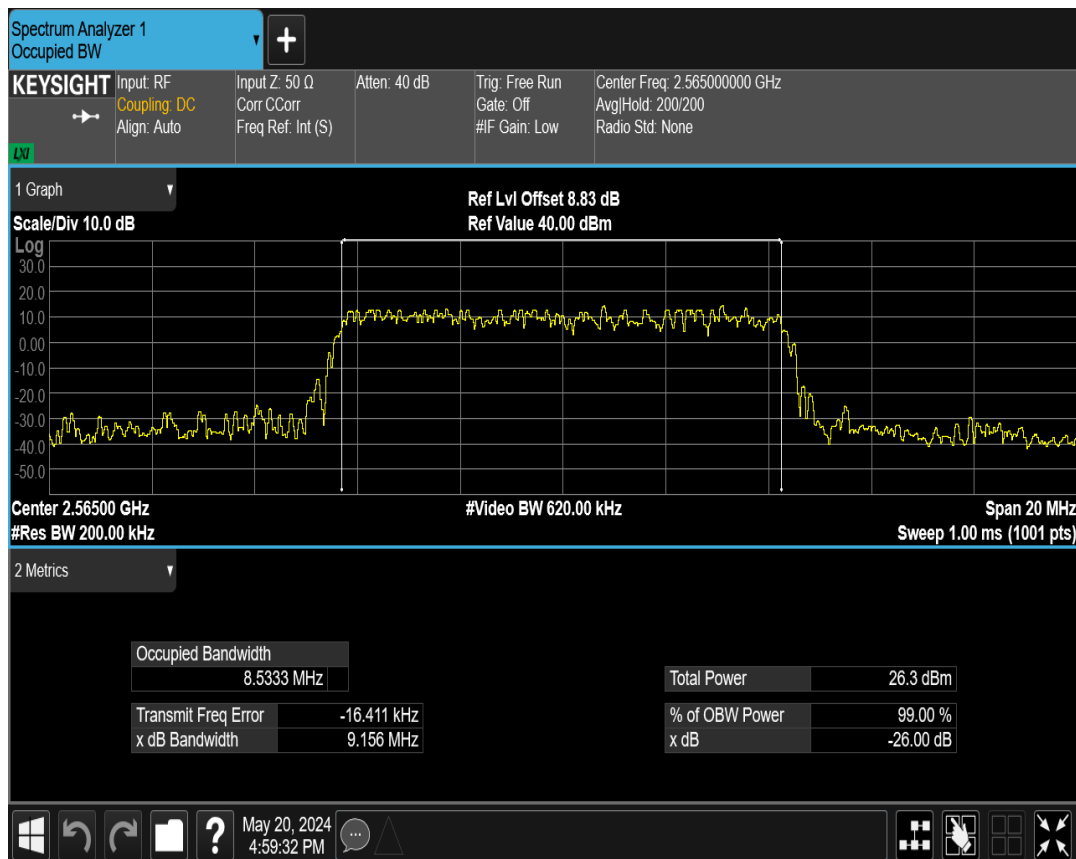
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=24@0



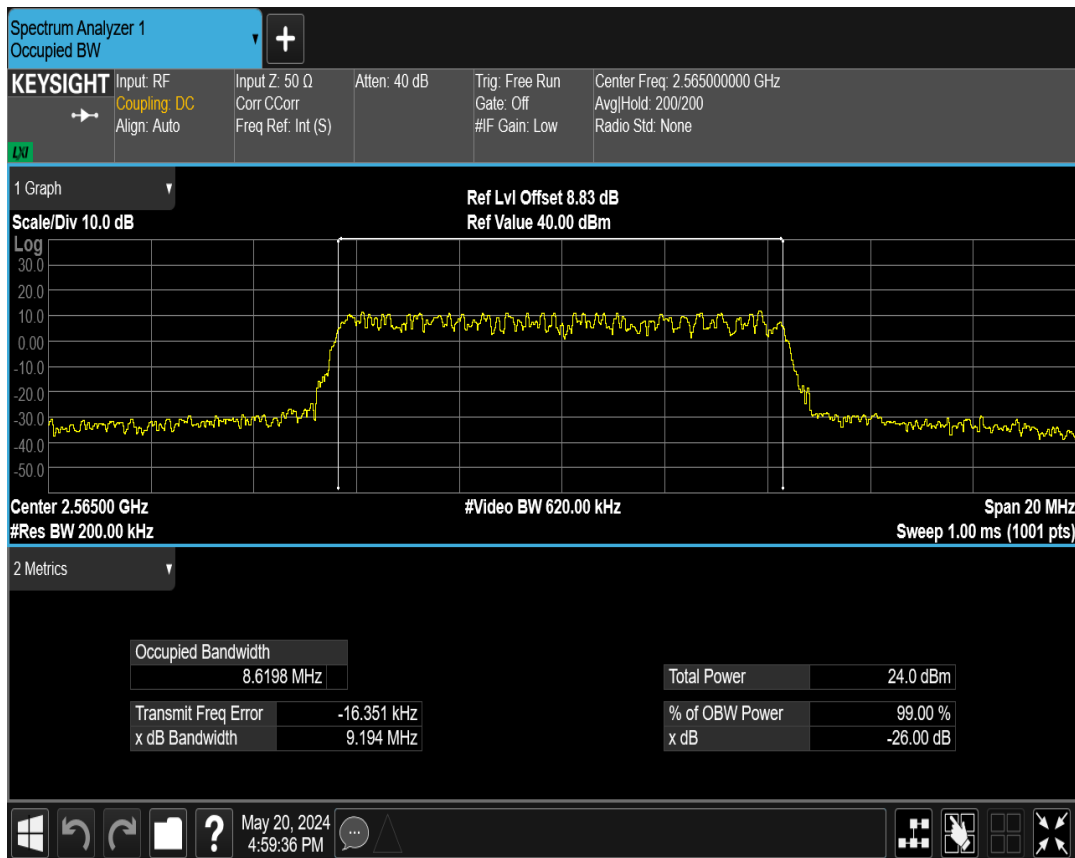
n7 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=513000 RB=24@0



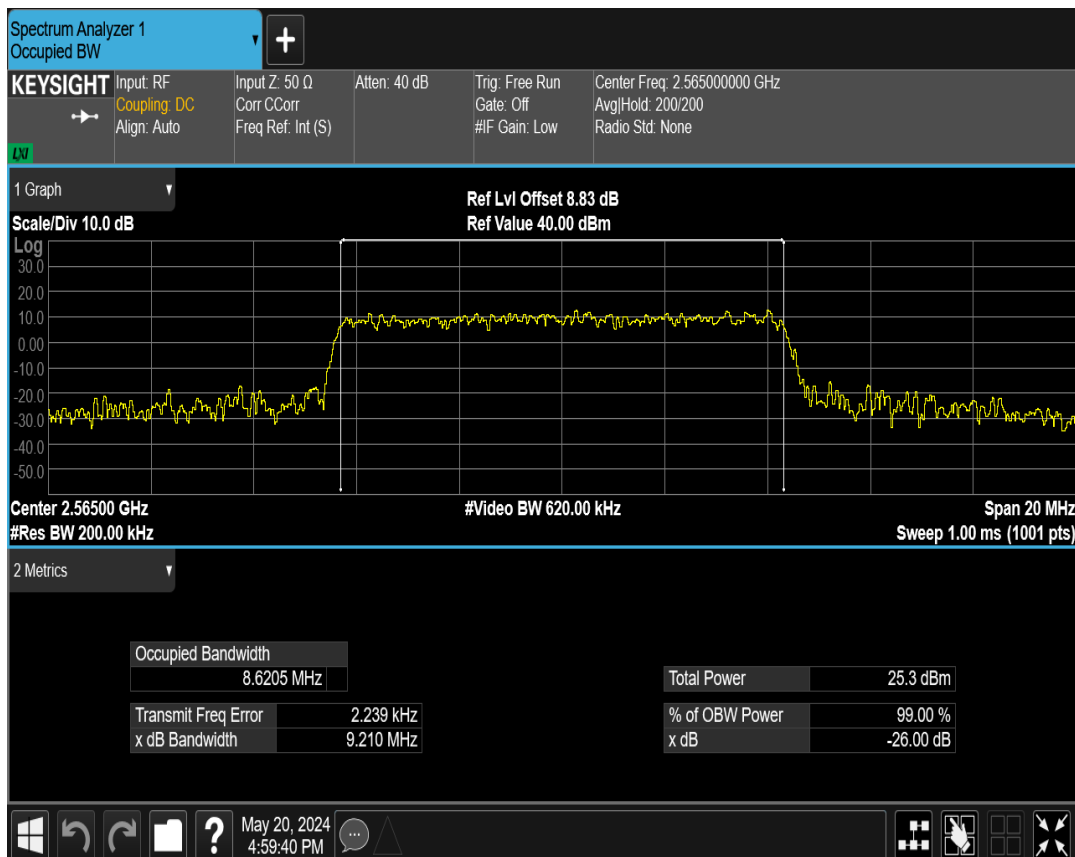
n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=513000 RB=24@0



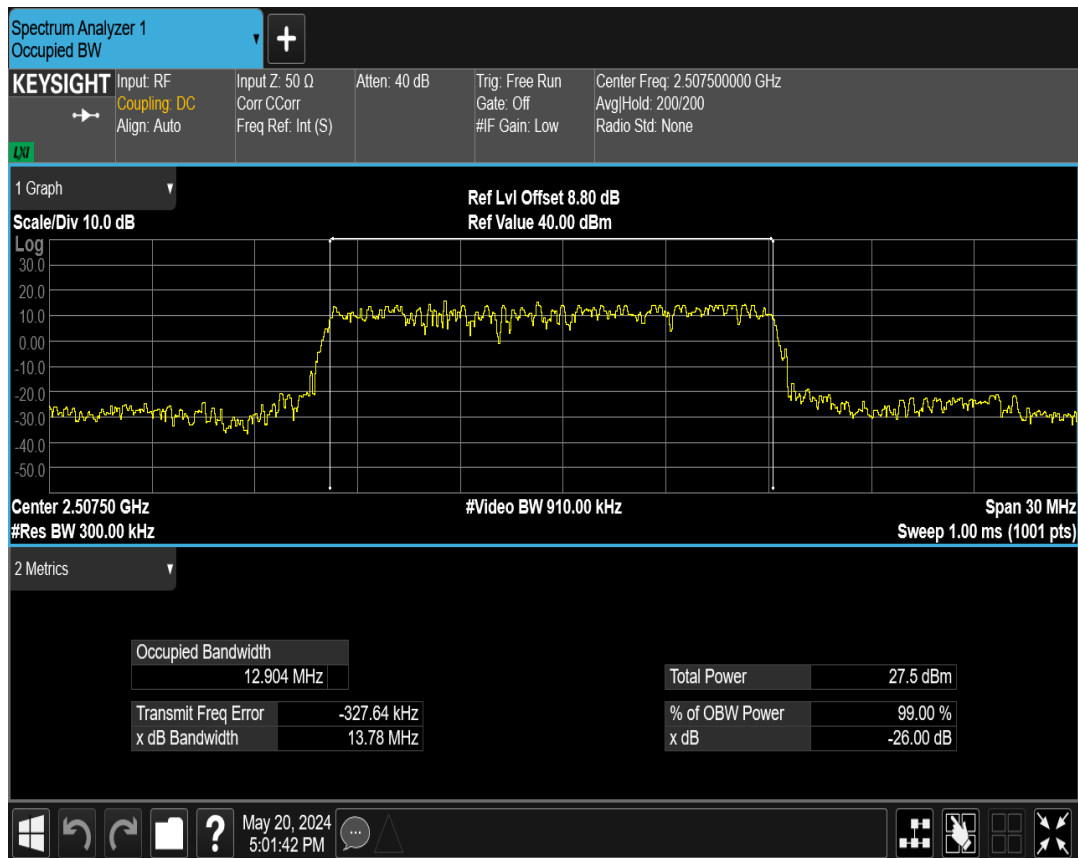
n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=513000 RB=24@0



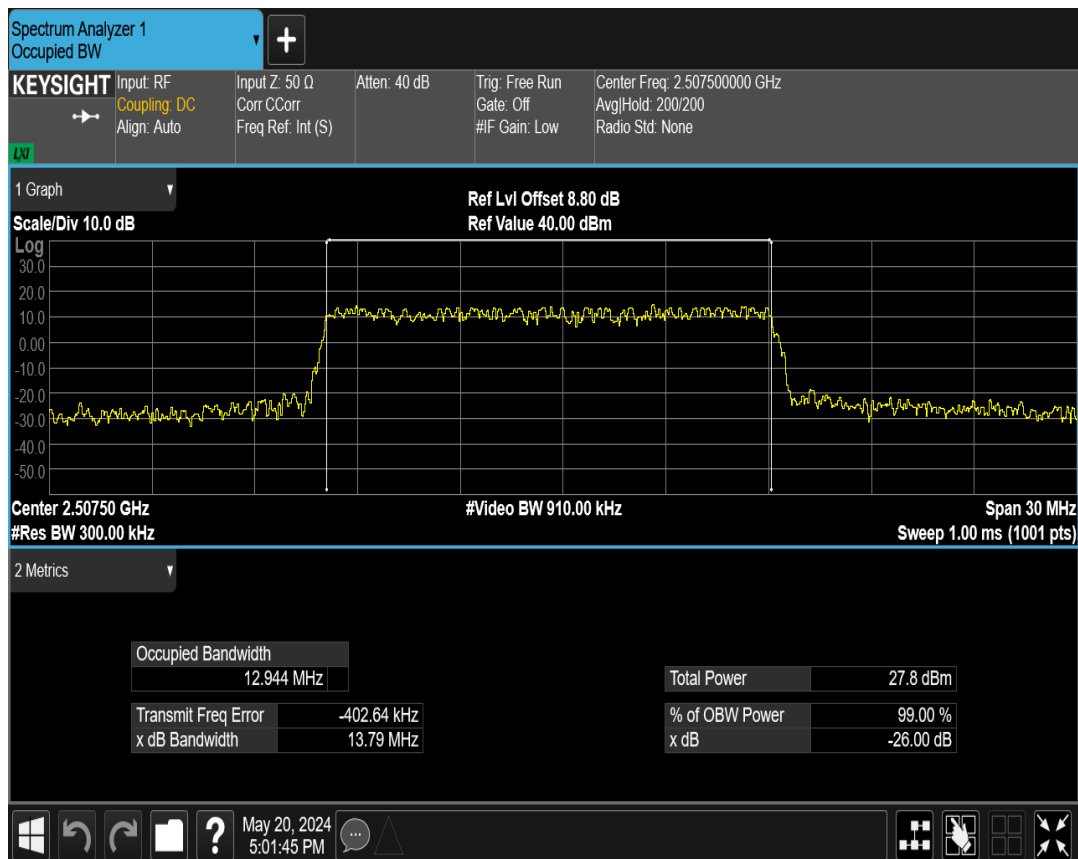
n7 SCS=30kHz CP\_QPSK BW=10MHz Channel=513000 RB=24@0



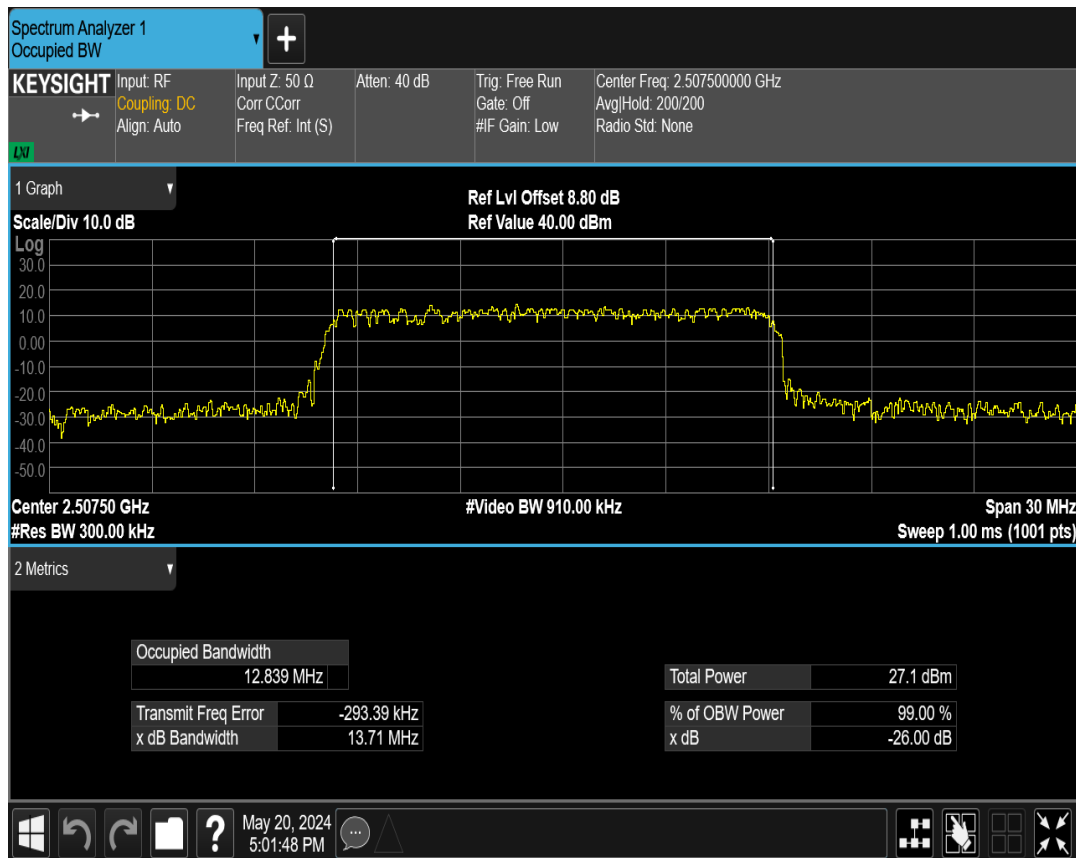
n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=501500 RB=36@0



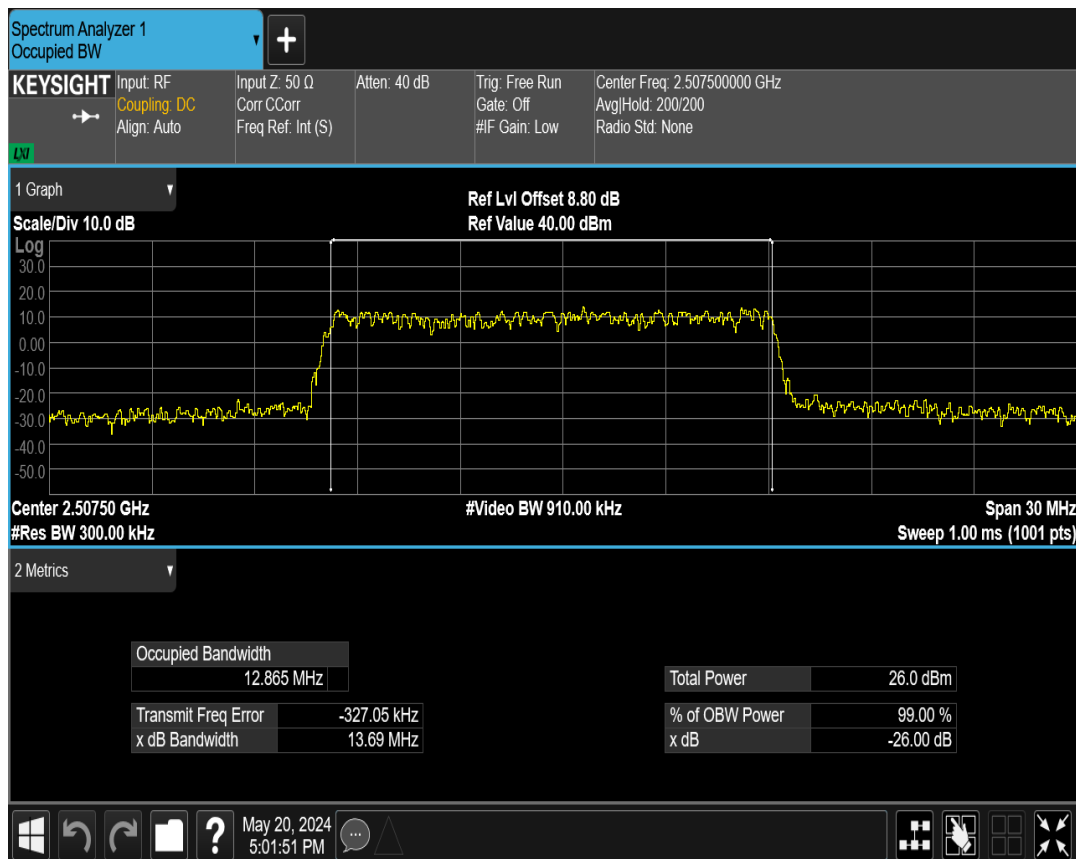
n7 SCS=30kHz DFT\_QPSK BW=15MHz Channel=501500 RB=36@0



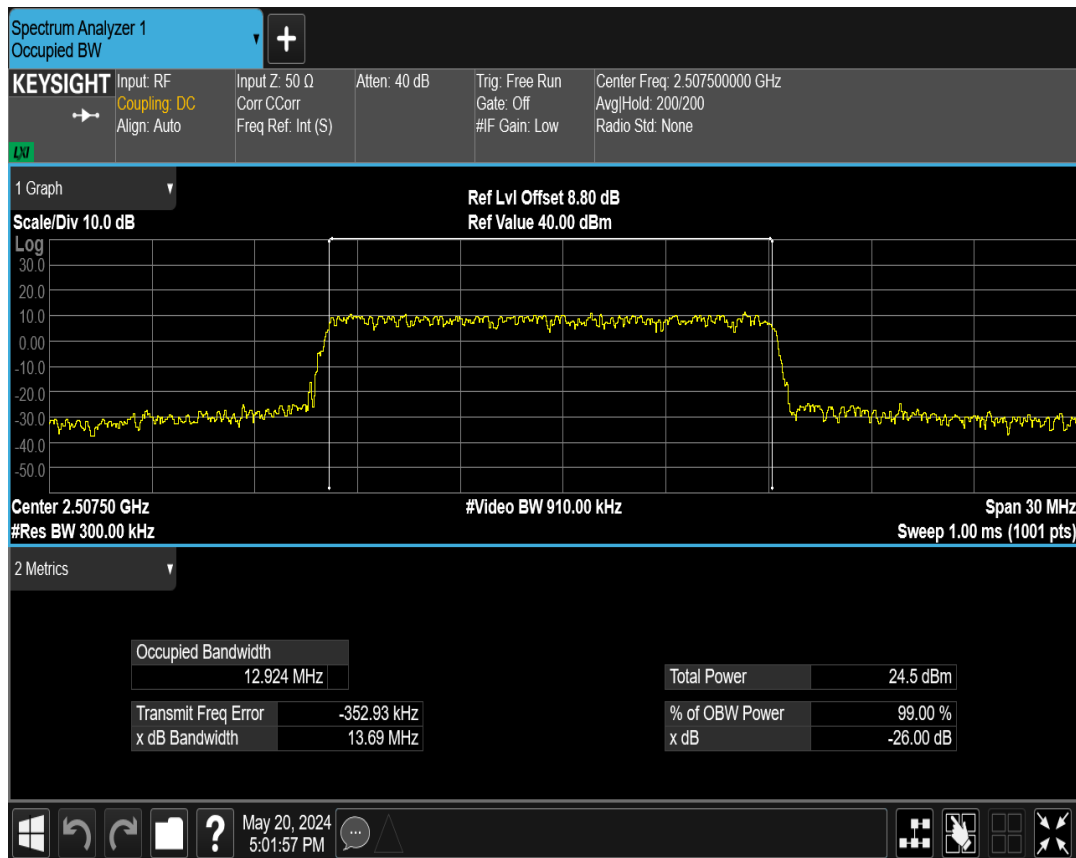
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=501500 RB=36@0



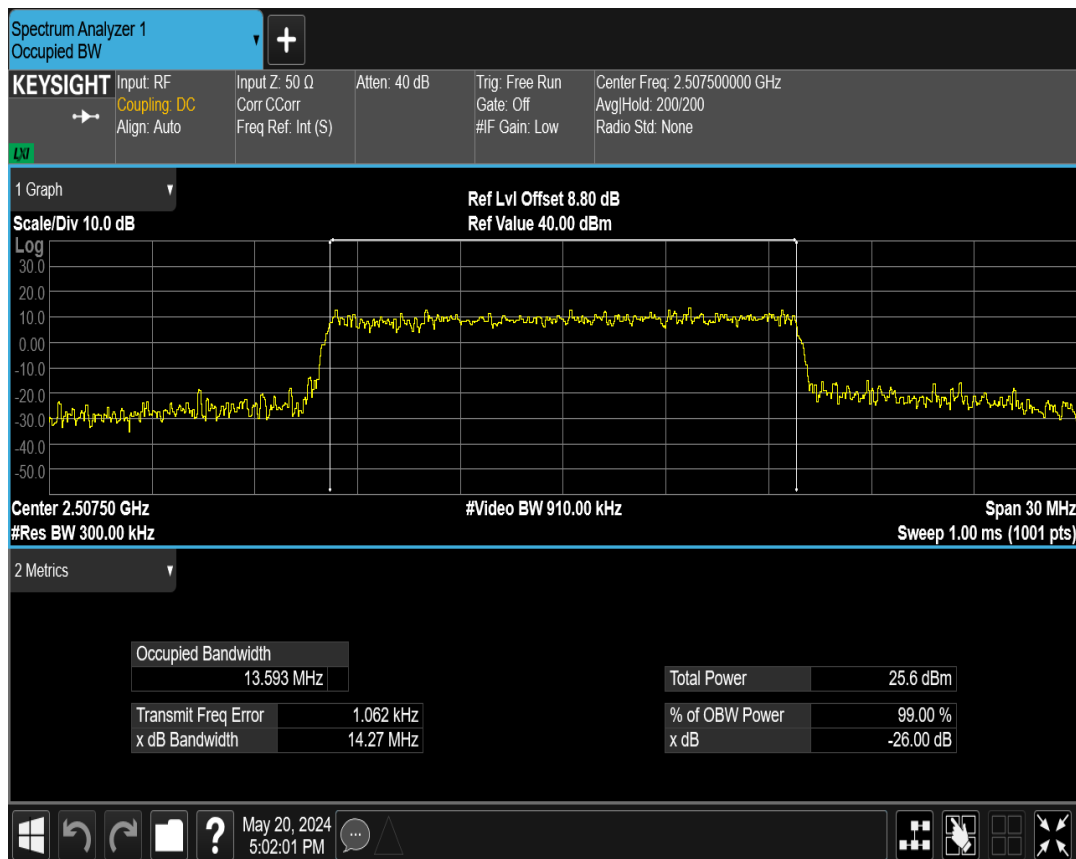
n7 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=501500 RB=36@0



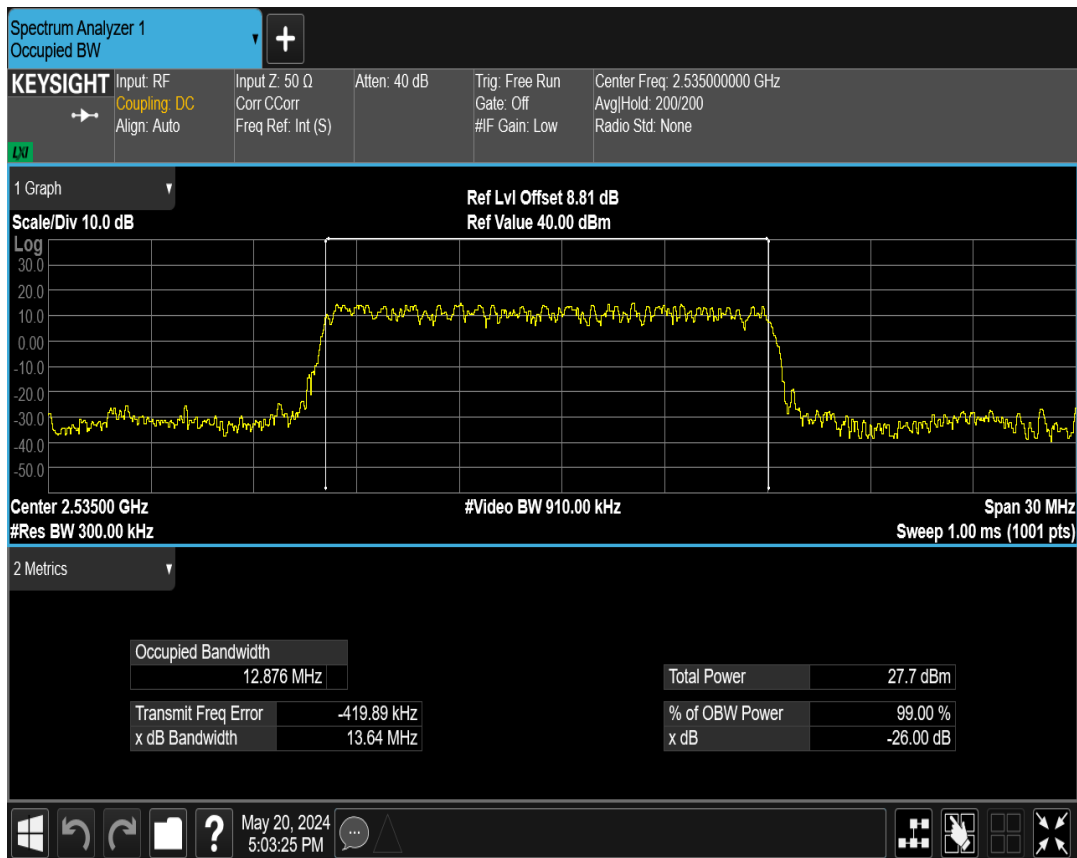
n7 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=501500 RB=36@0



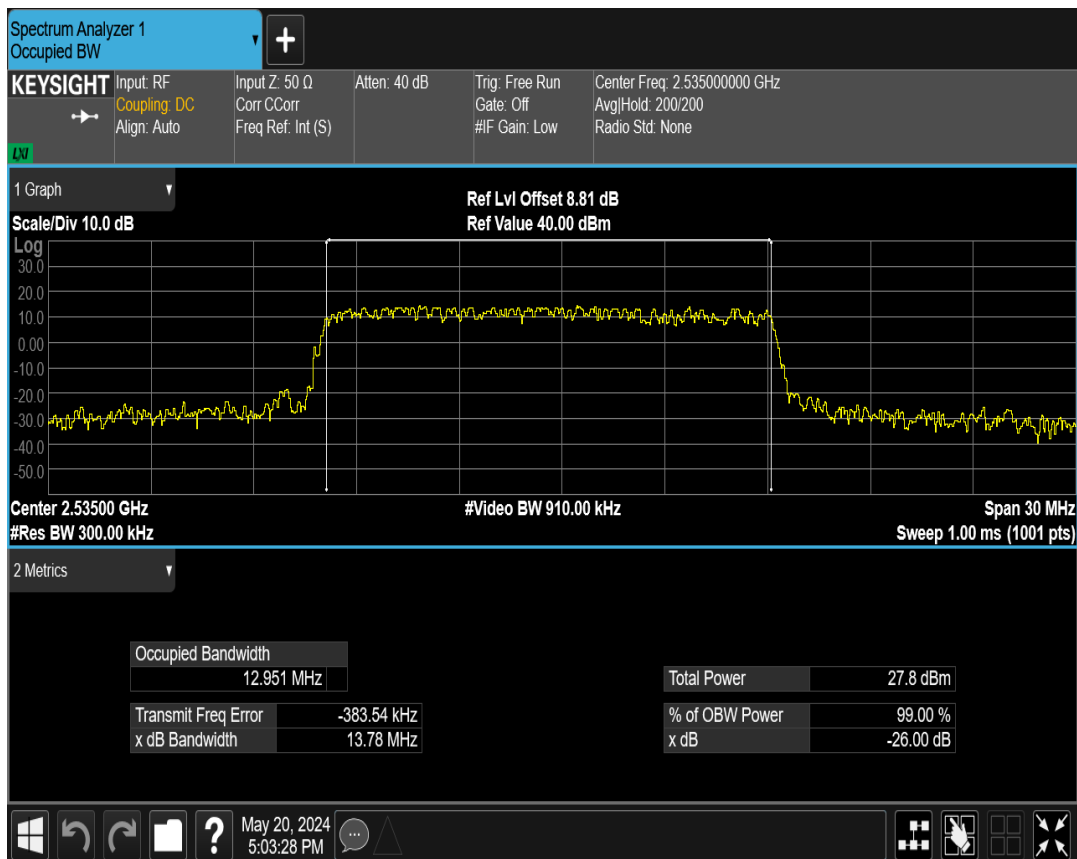
n7 SCS=30kHz CP\_QPSK BW=15MHz Channel=501500 RB=38@0



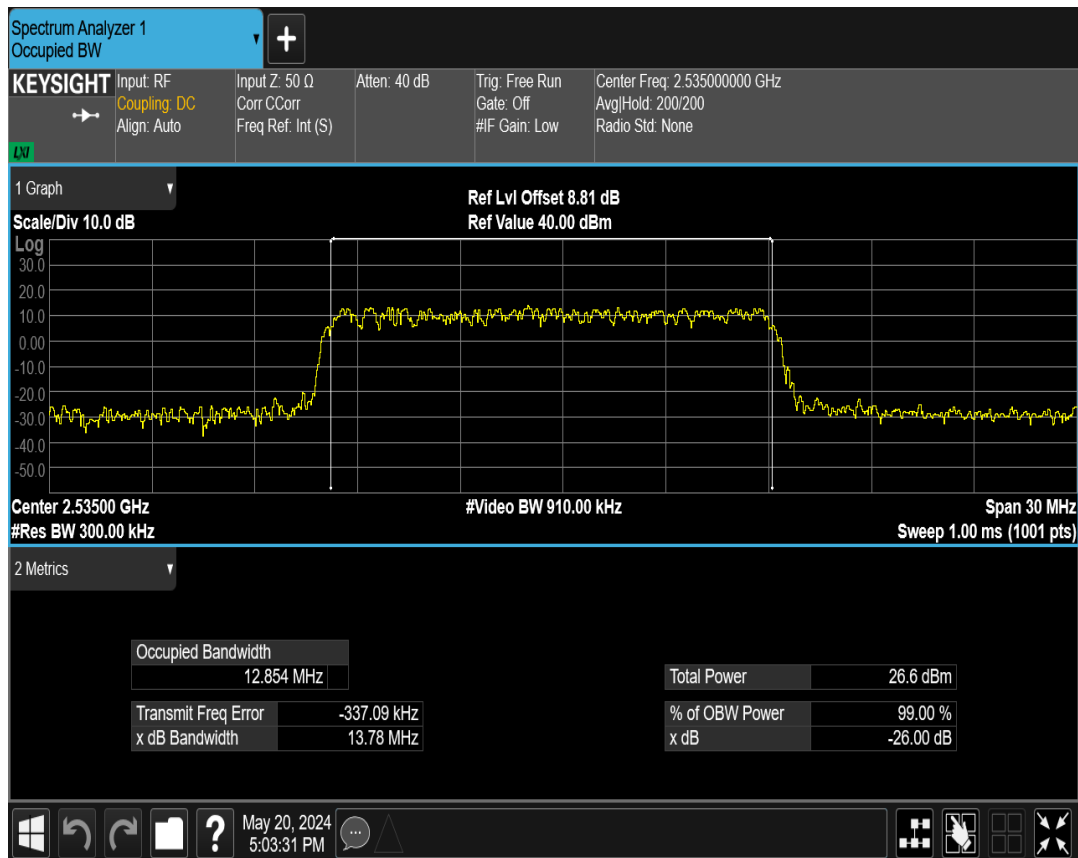
n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=507000 RB=36@0



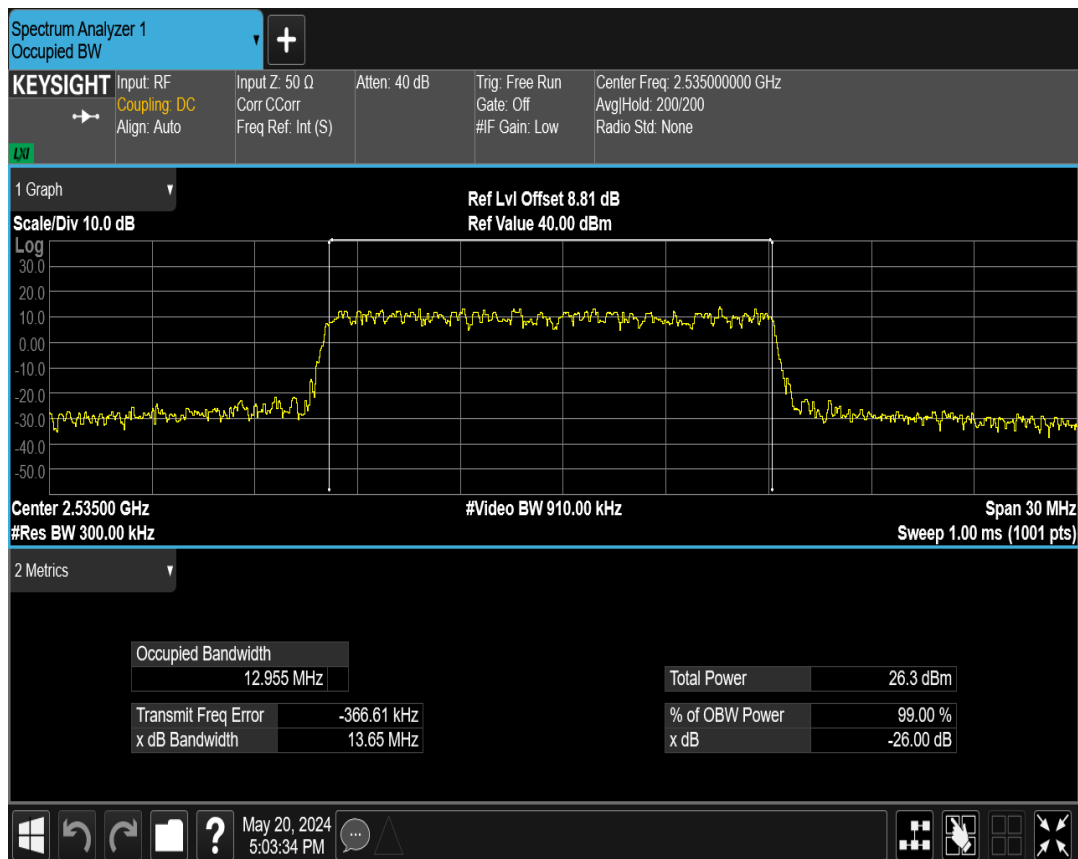
n7 SCS=30kHz DFT\_QPSK BW=15MHz Channel=507000 RB=36@0



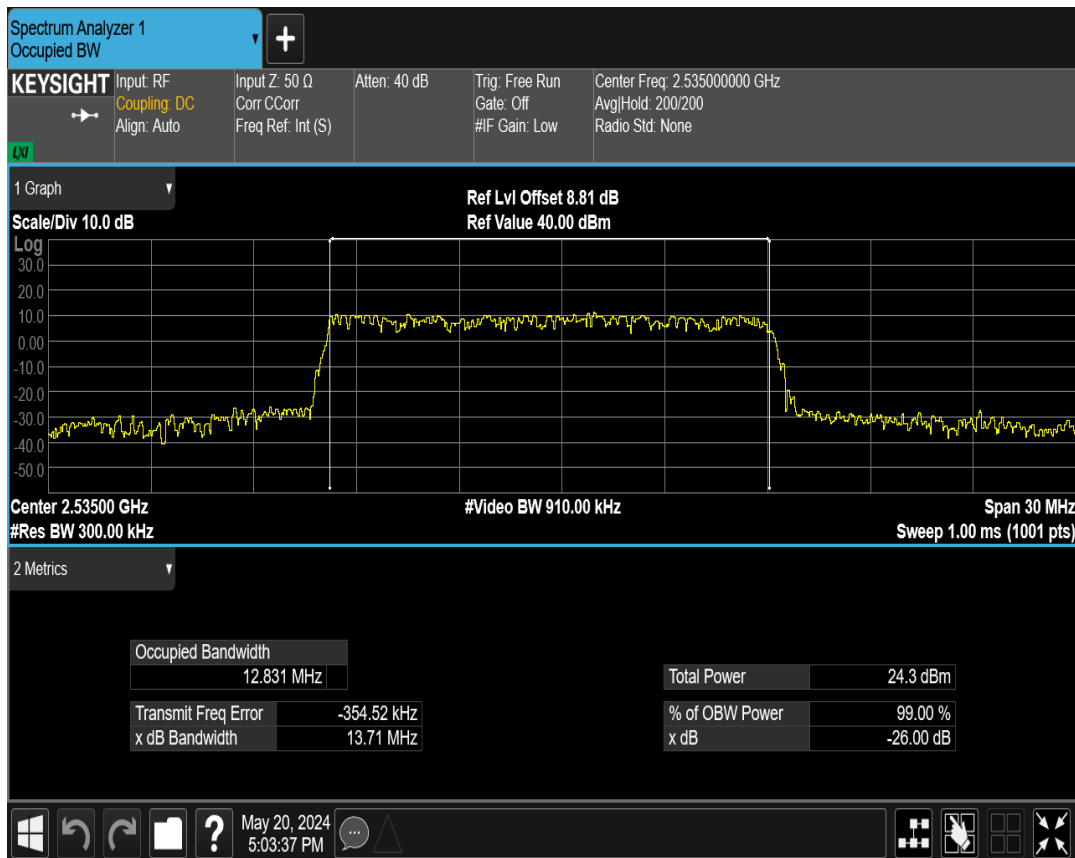
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=507000 RB=36@0



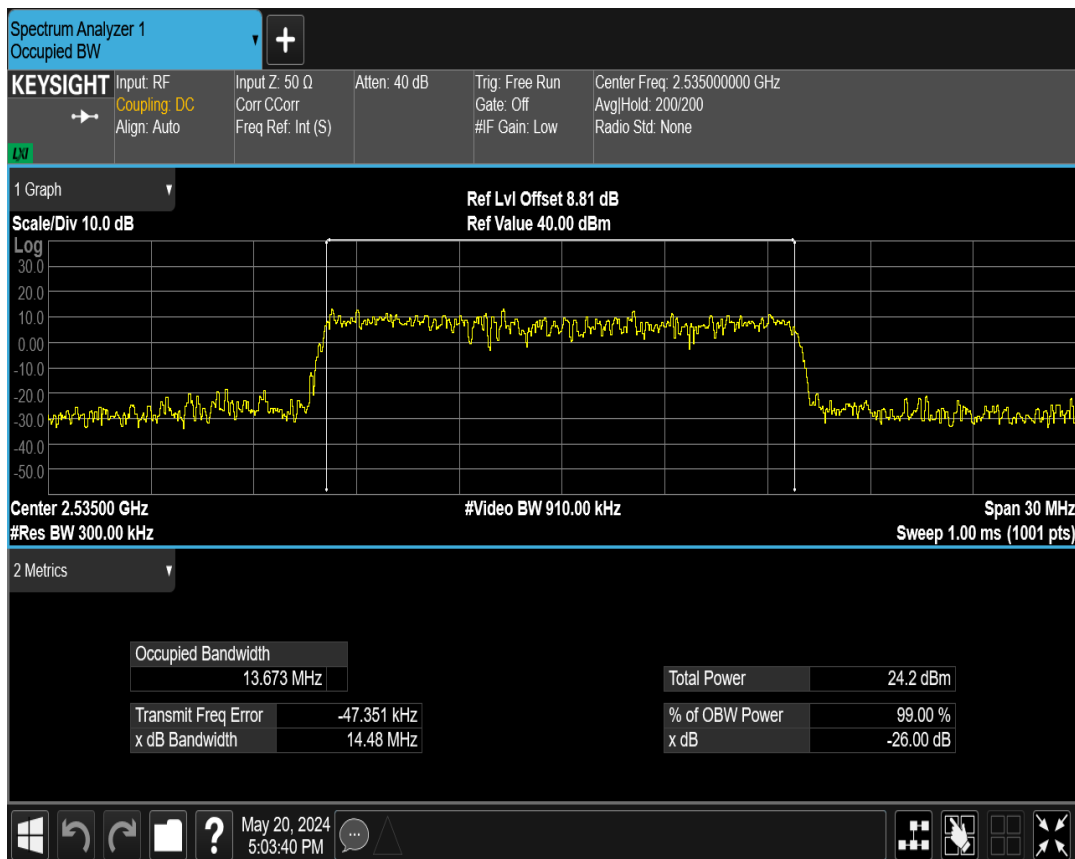
n7 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=507000 RB=36@0



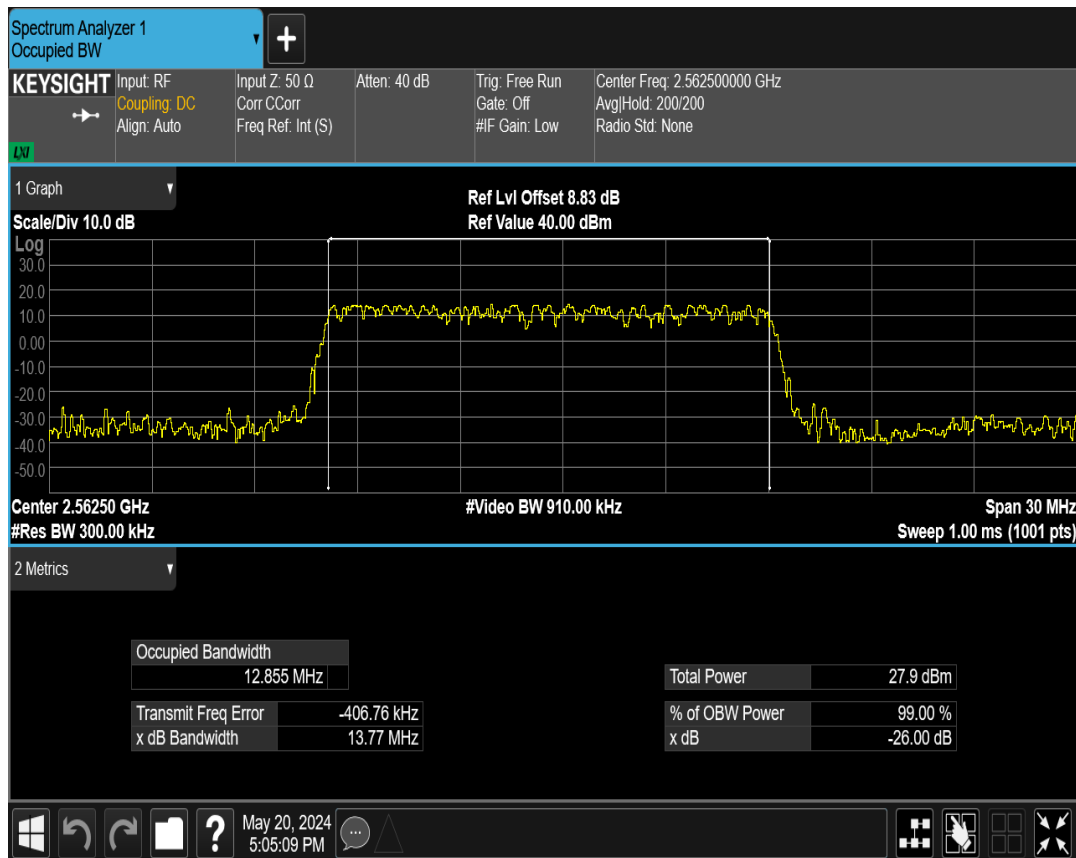
n7 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=507000 RB=36@0



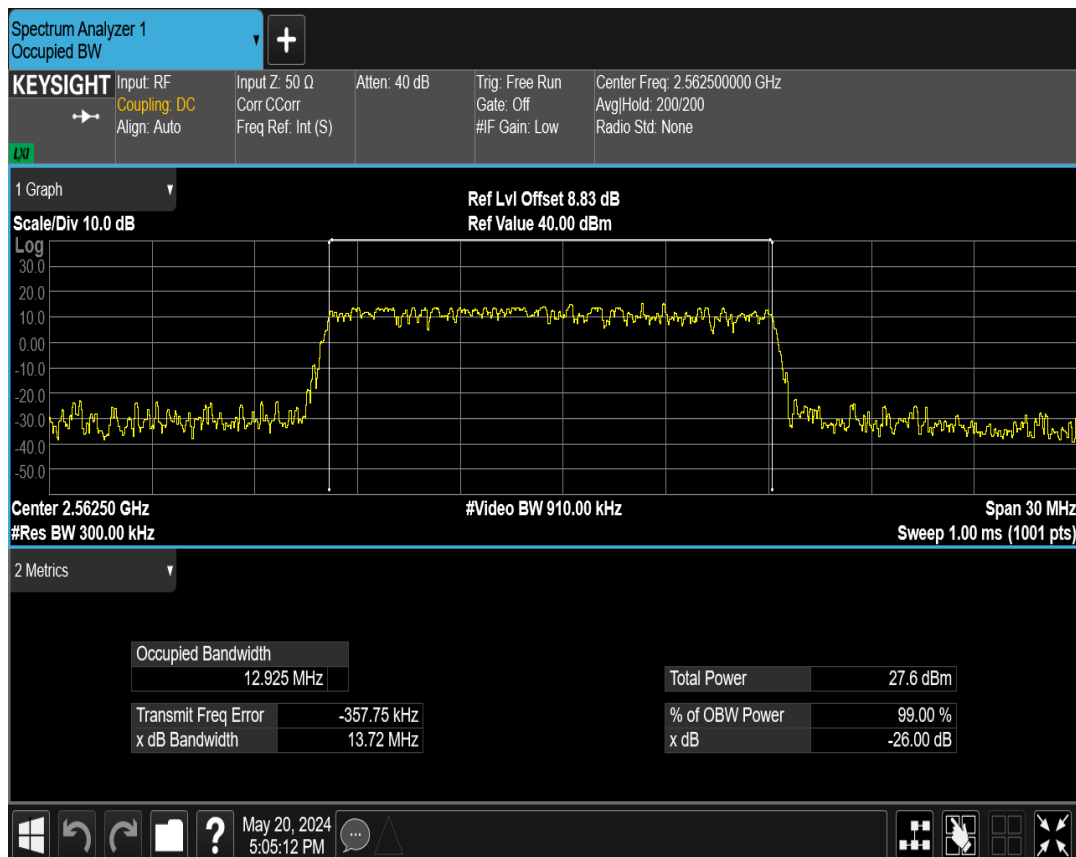
n7 SCS=30kHz CP\_QPSK BW=15MHz Channel=507000 RB=38@0



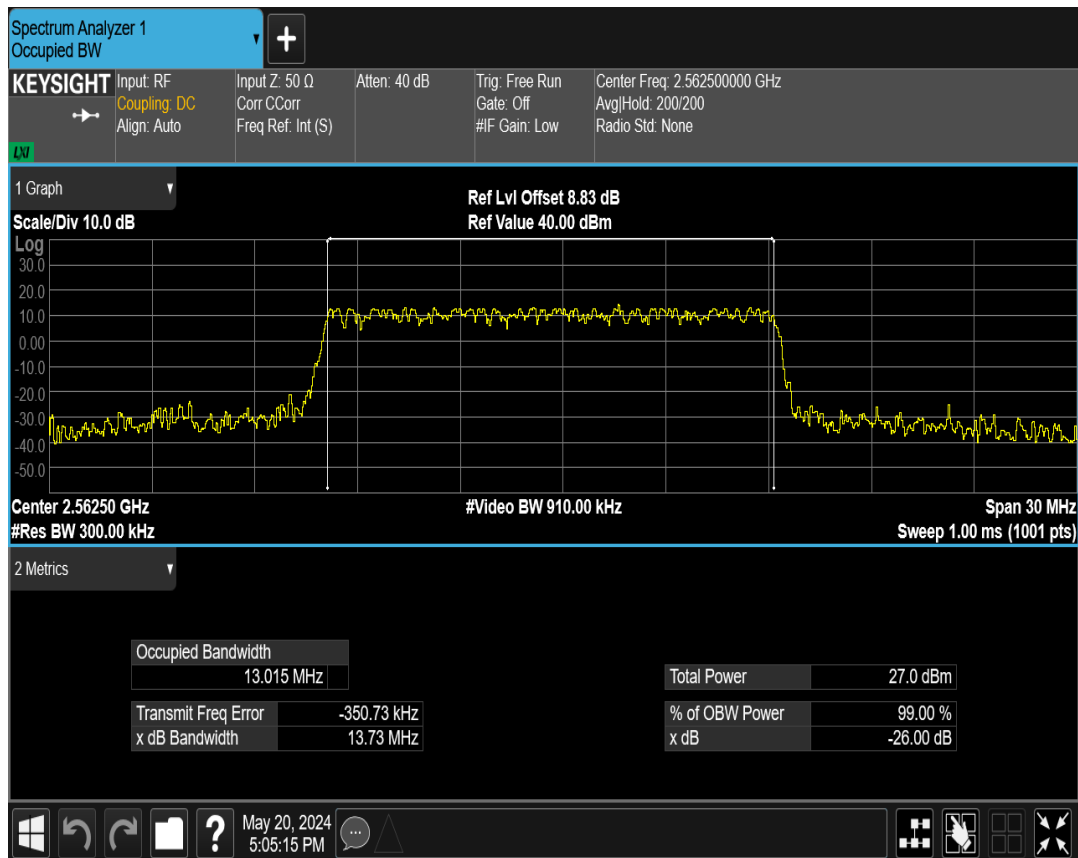
n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=512500 RB=36@0



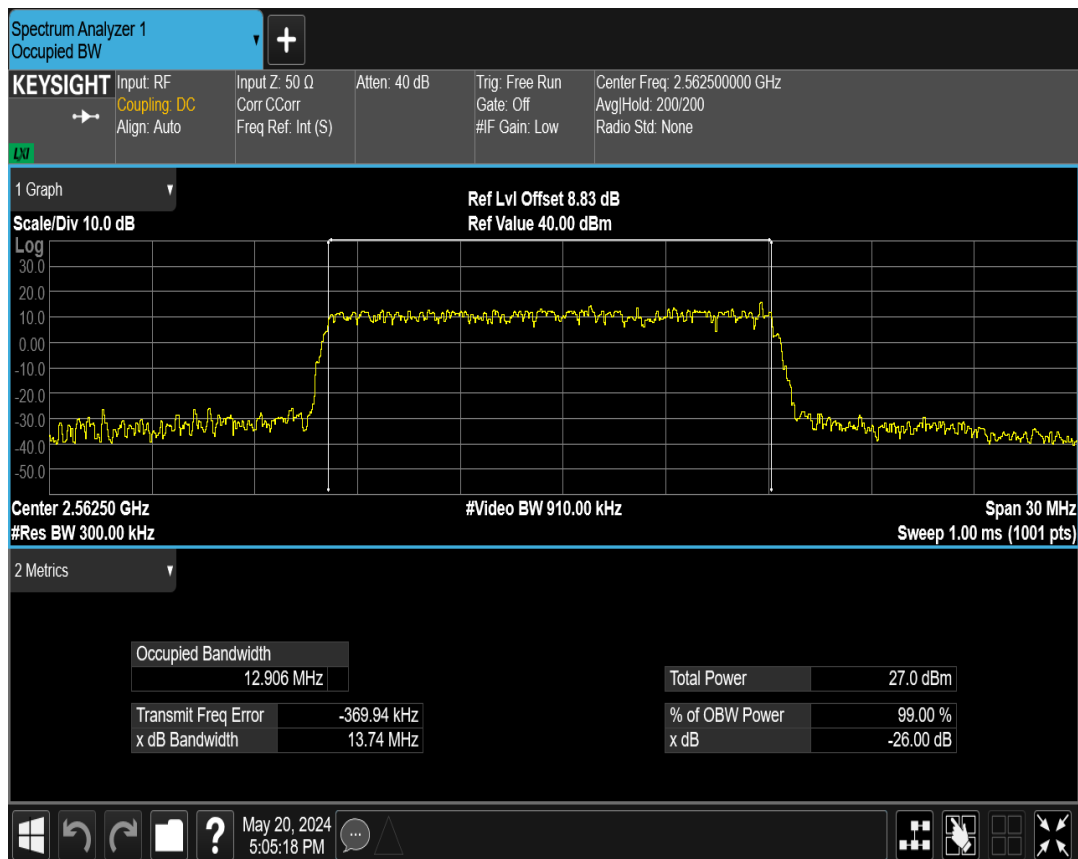
n7 SCS=30kHz DFT\_QPSK BW=15MHz Channel=512500 RB=36@0



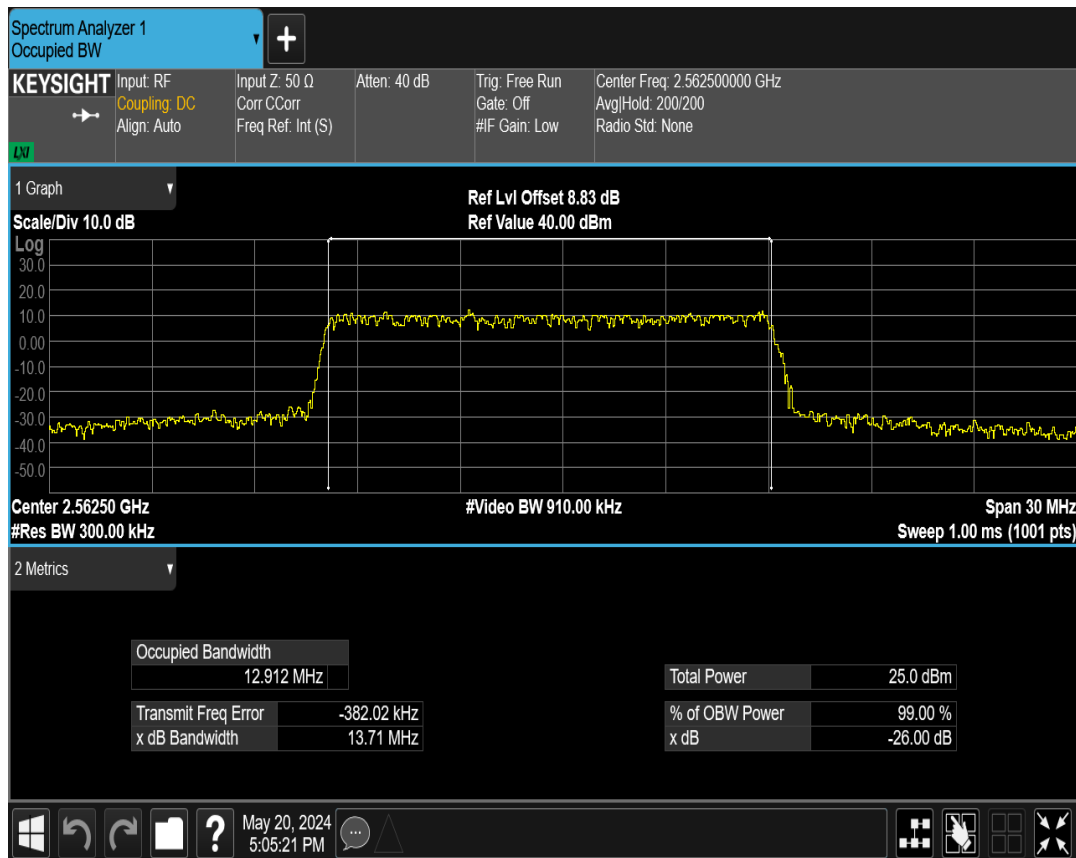
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=512500 RB=36@0



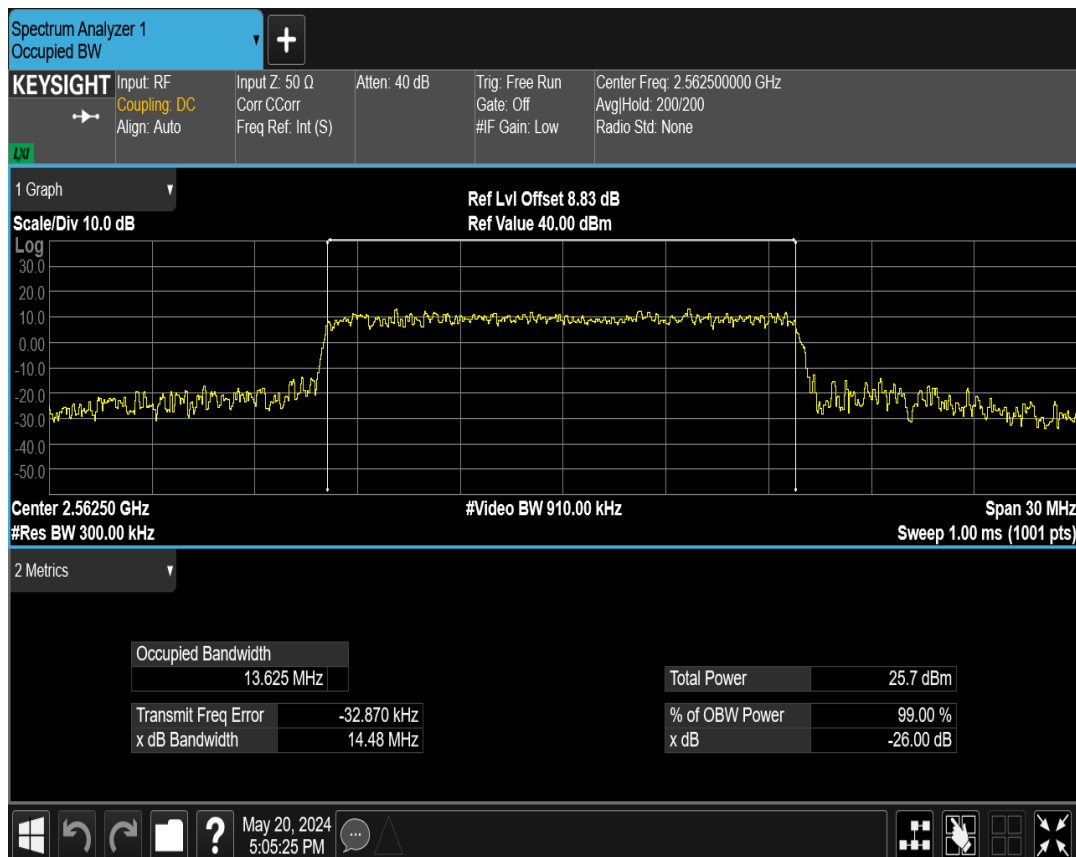
n7 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=512500 RB=36@0



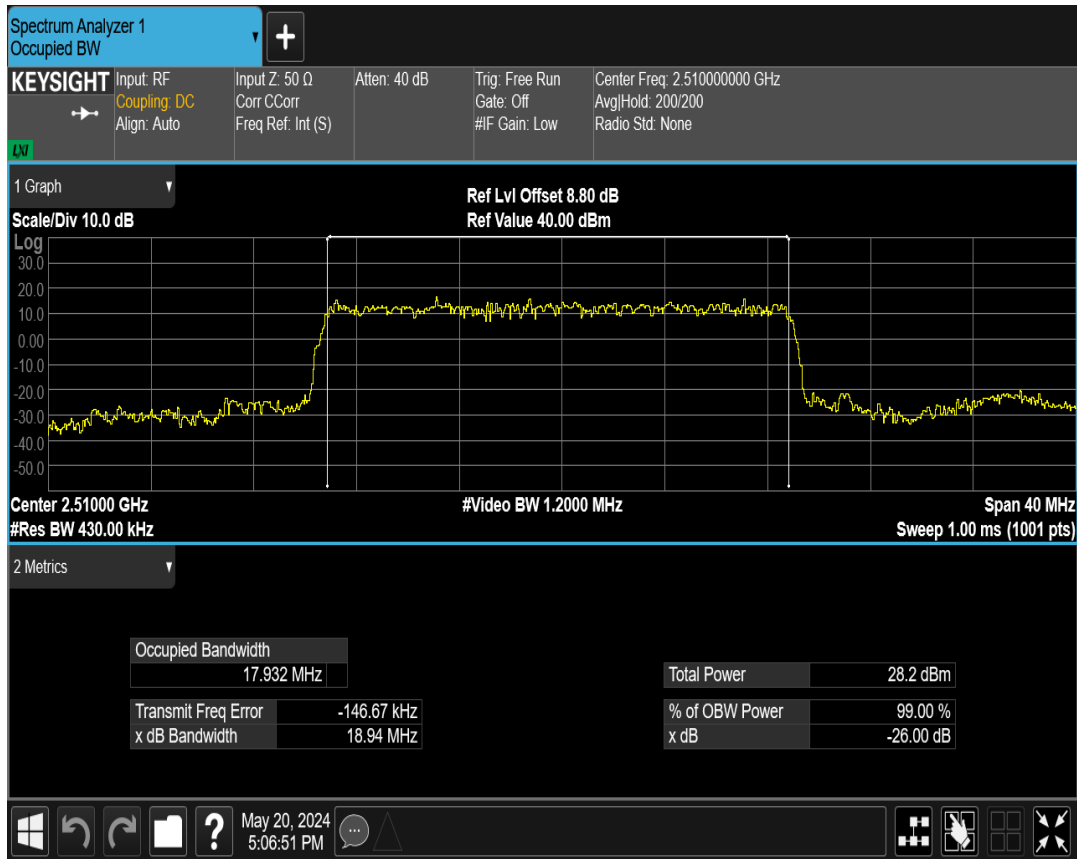
n7 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=512500 RB=36@0



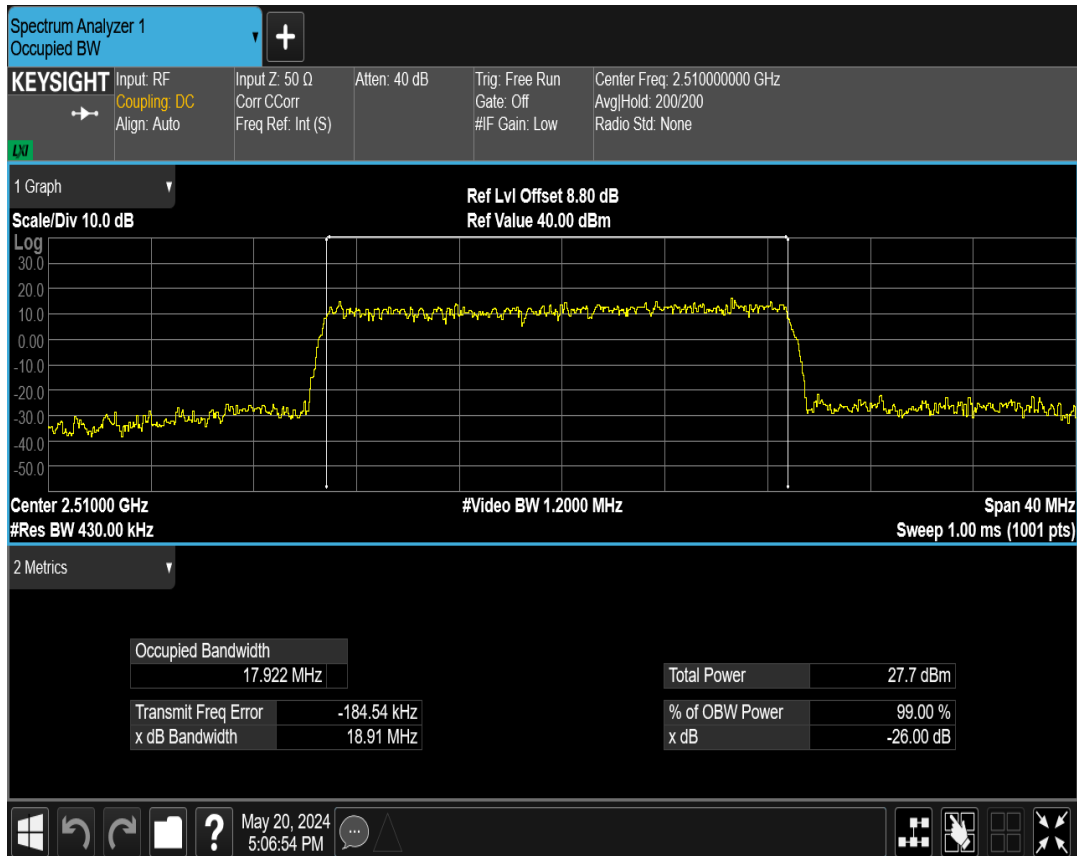
n7 SCS=30kHz CP\_QPSK BW=15MHz Channel=512500 RB=38@0



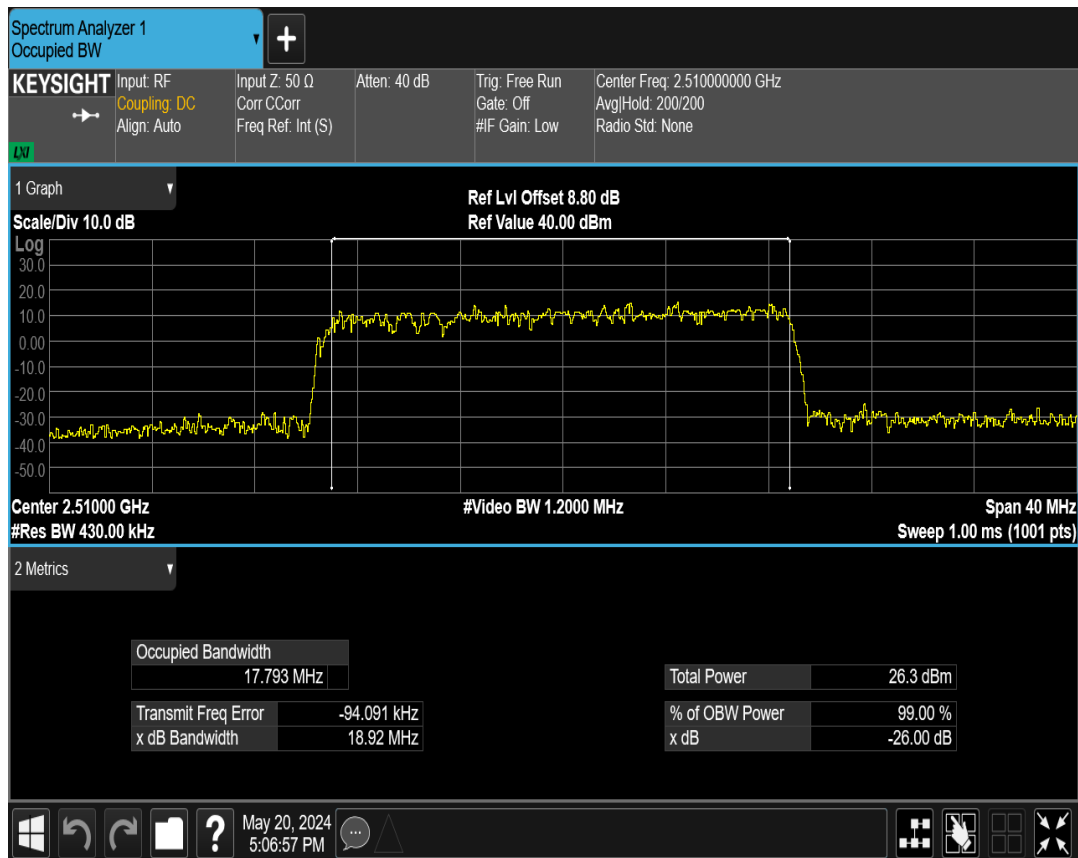
n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=502000 RB=50@0



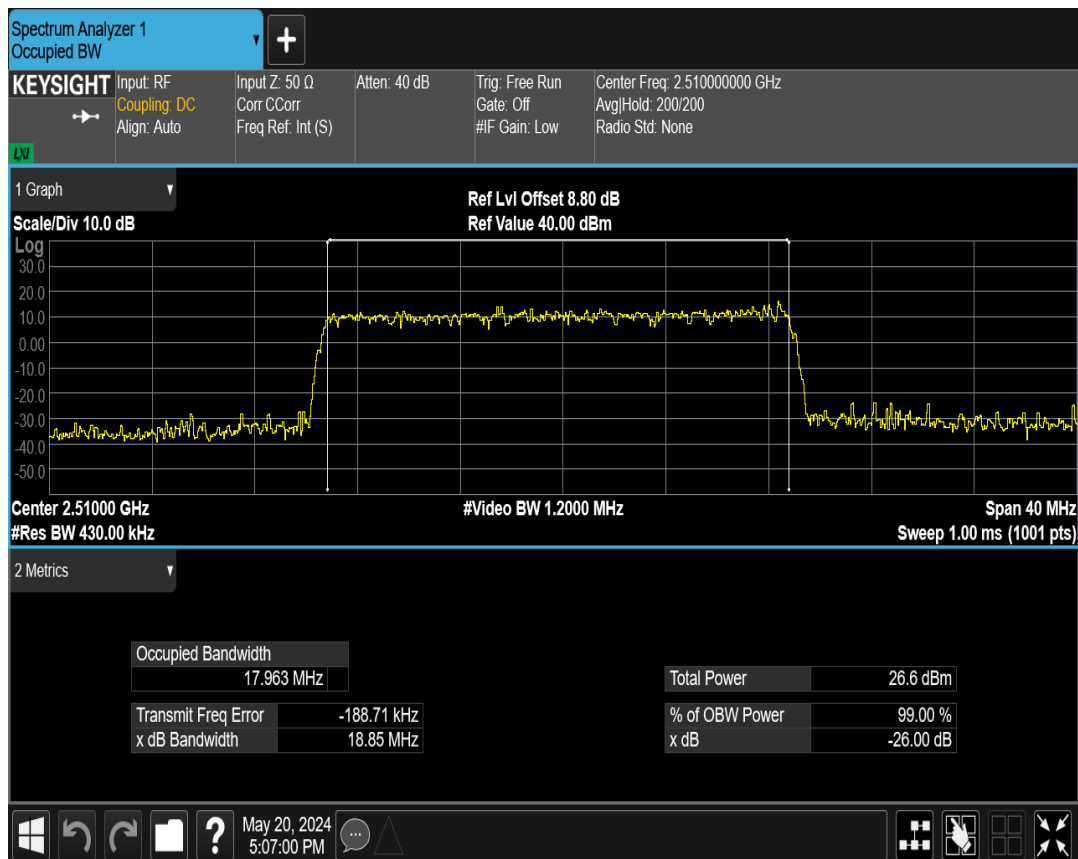
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=50@0



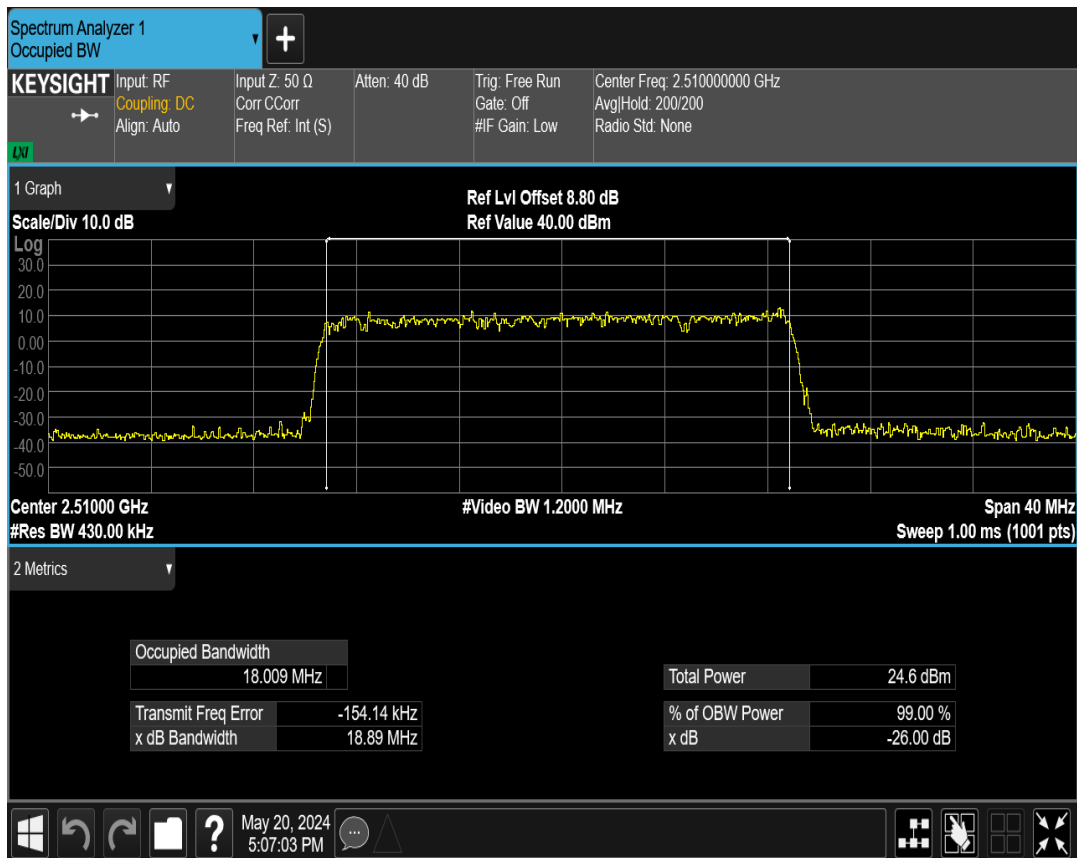
n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=502000 RB=50@0



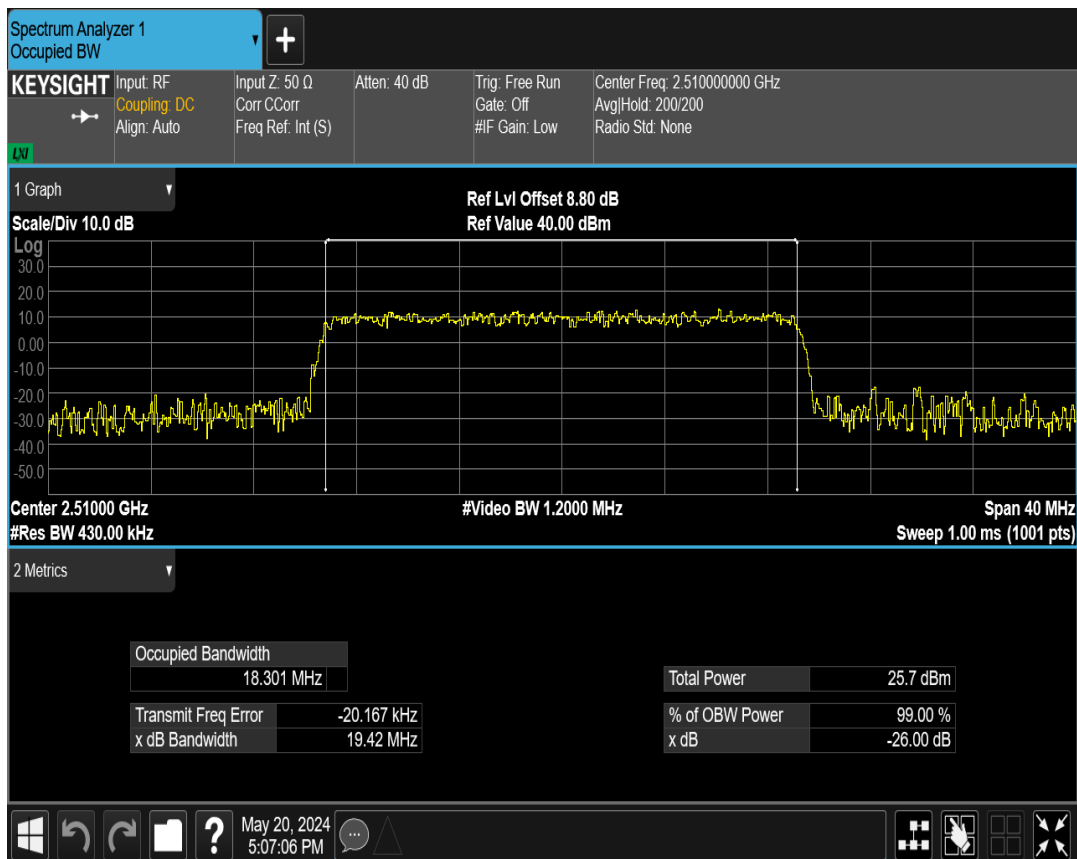
n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=502000 RB=50@0



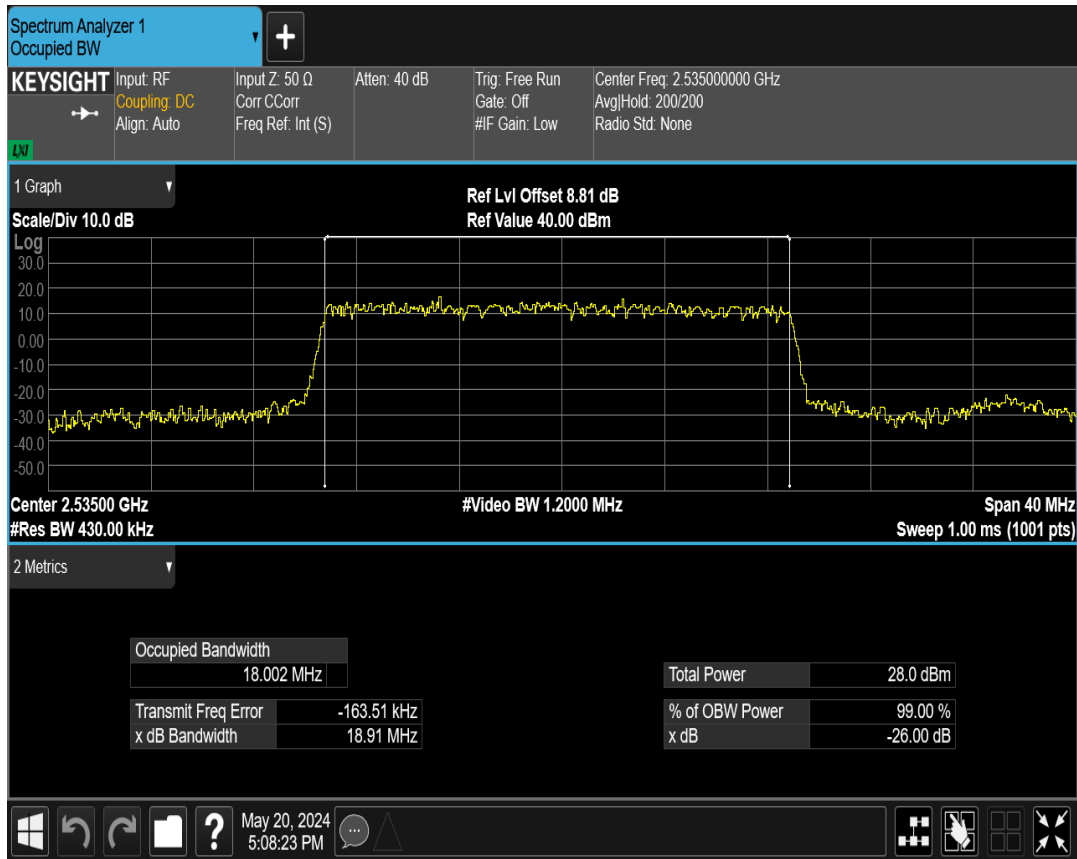
n7 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=502000 RB=50@0



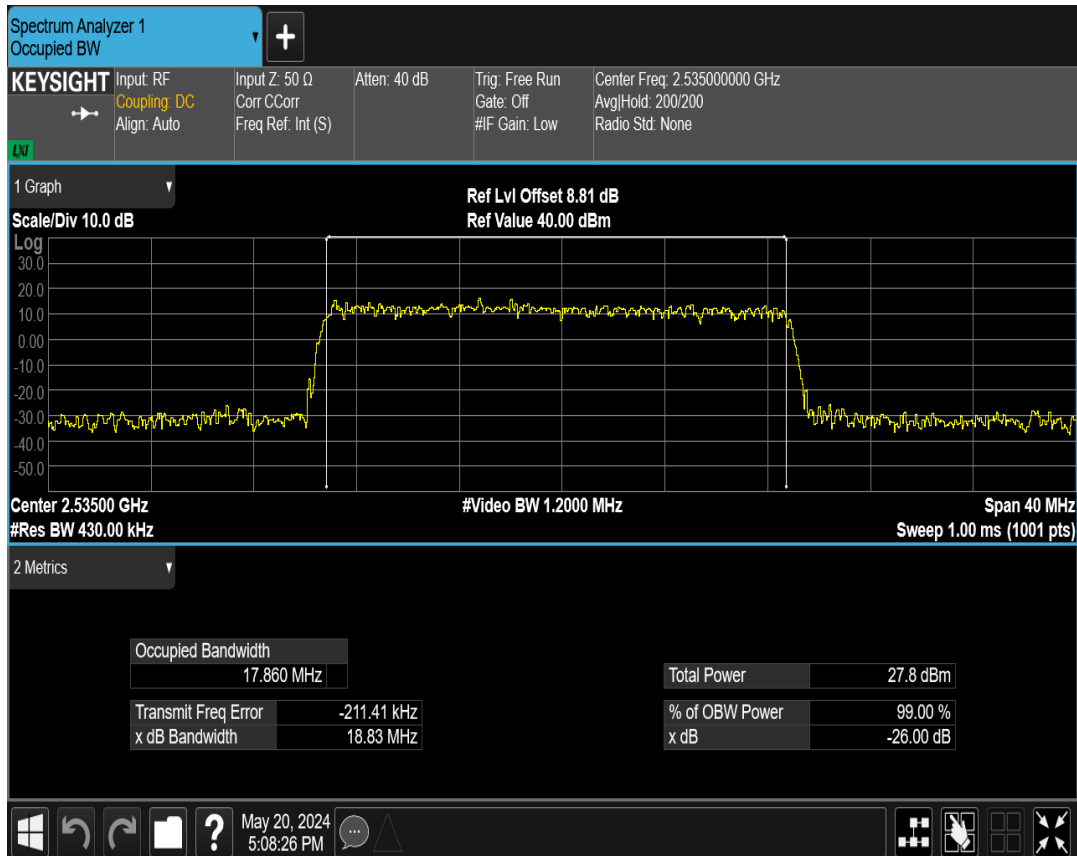
n7 SCS=30kHz CP\_QPSK BW=20MHz Channel=502000 RB=51@0



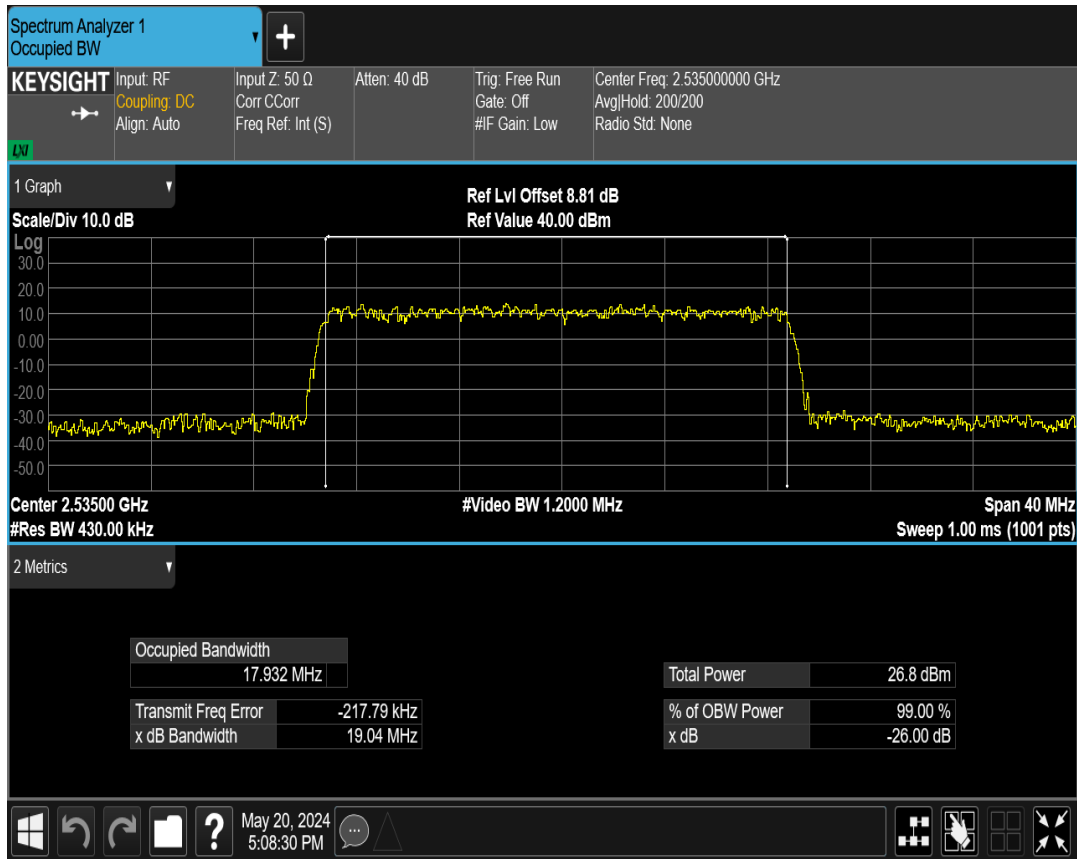
n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=507000 RB=50@0



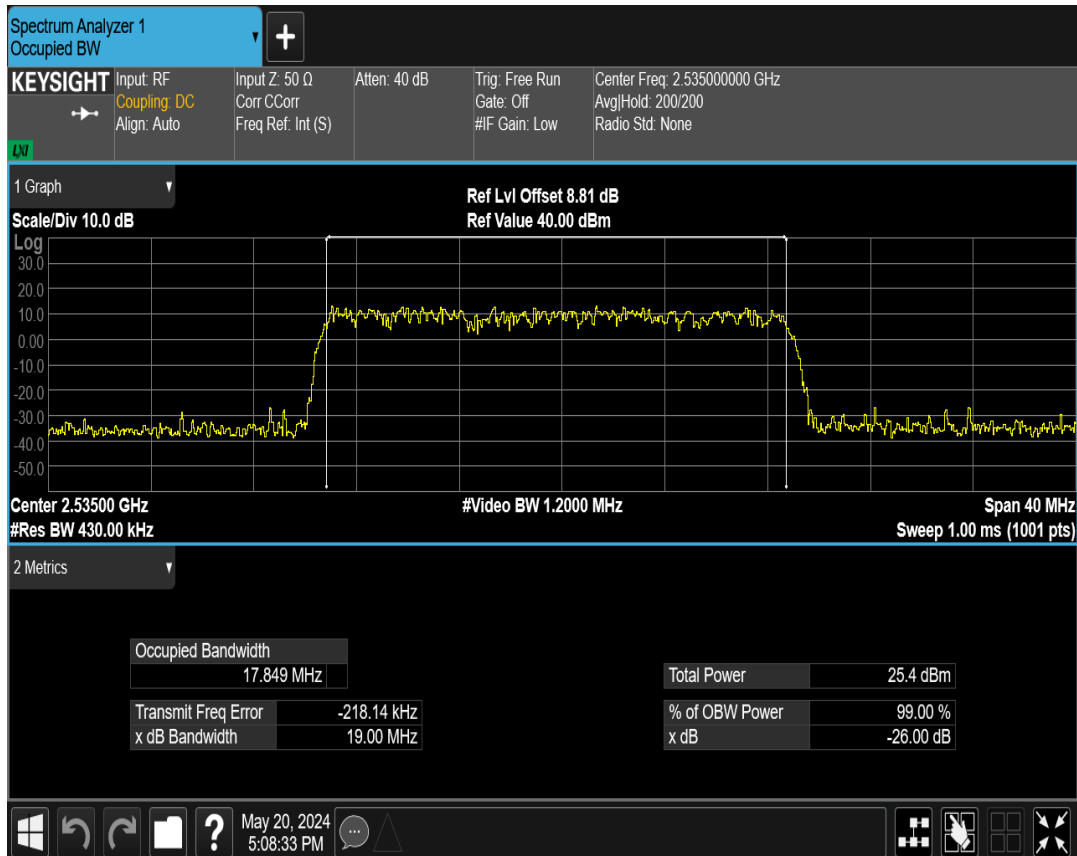
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=50@0



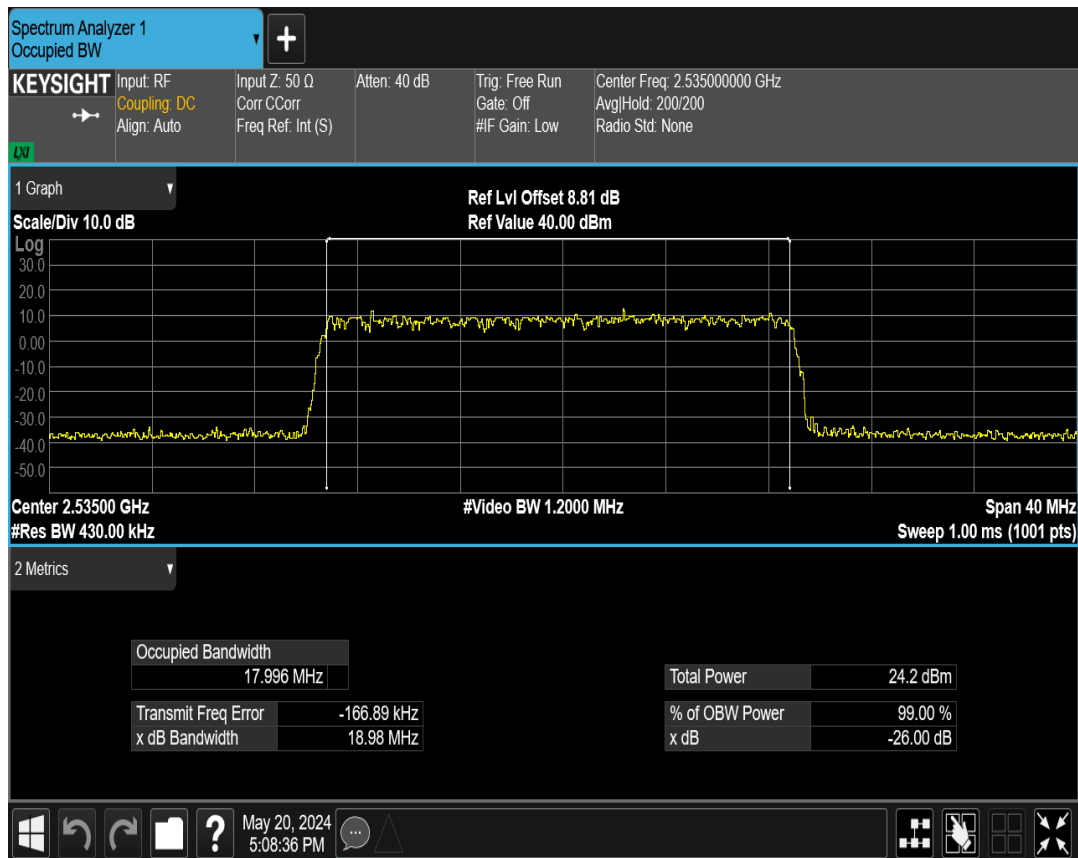
n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=507000 RB=50@0



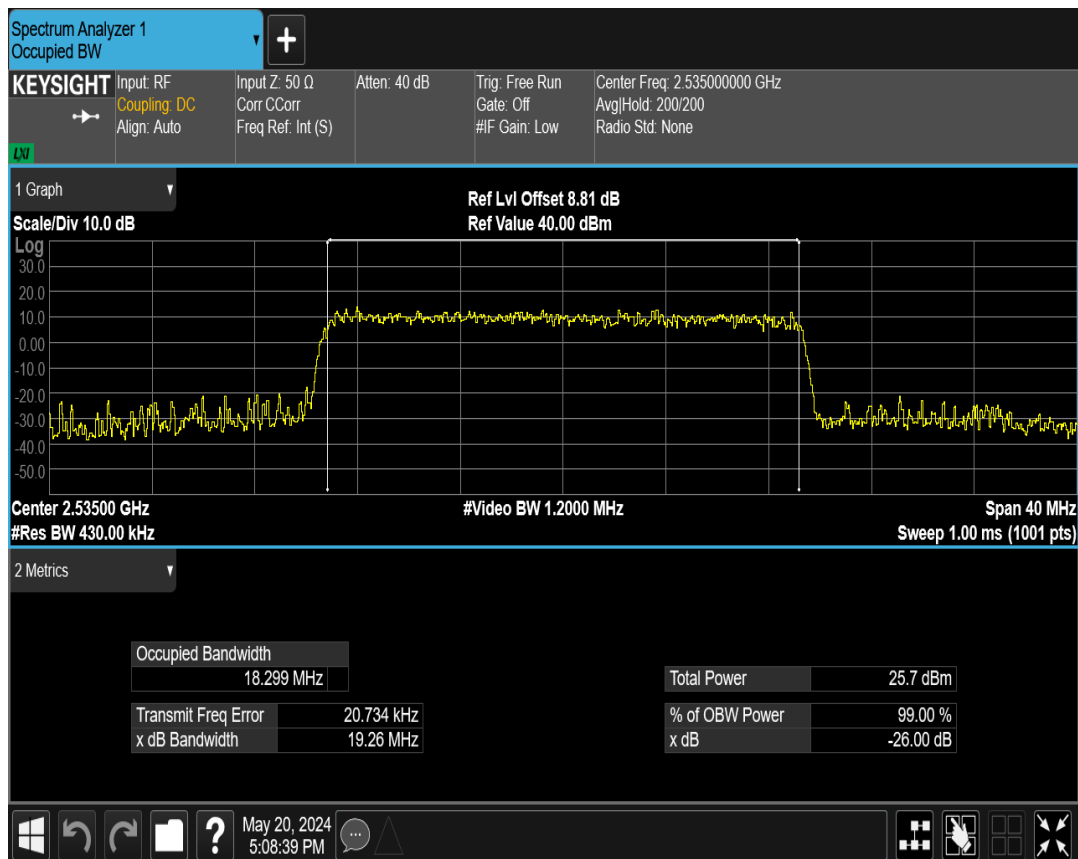
n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=507000 RB=50@0



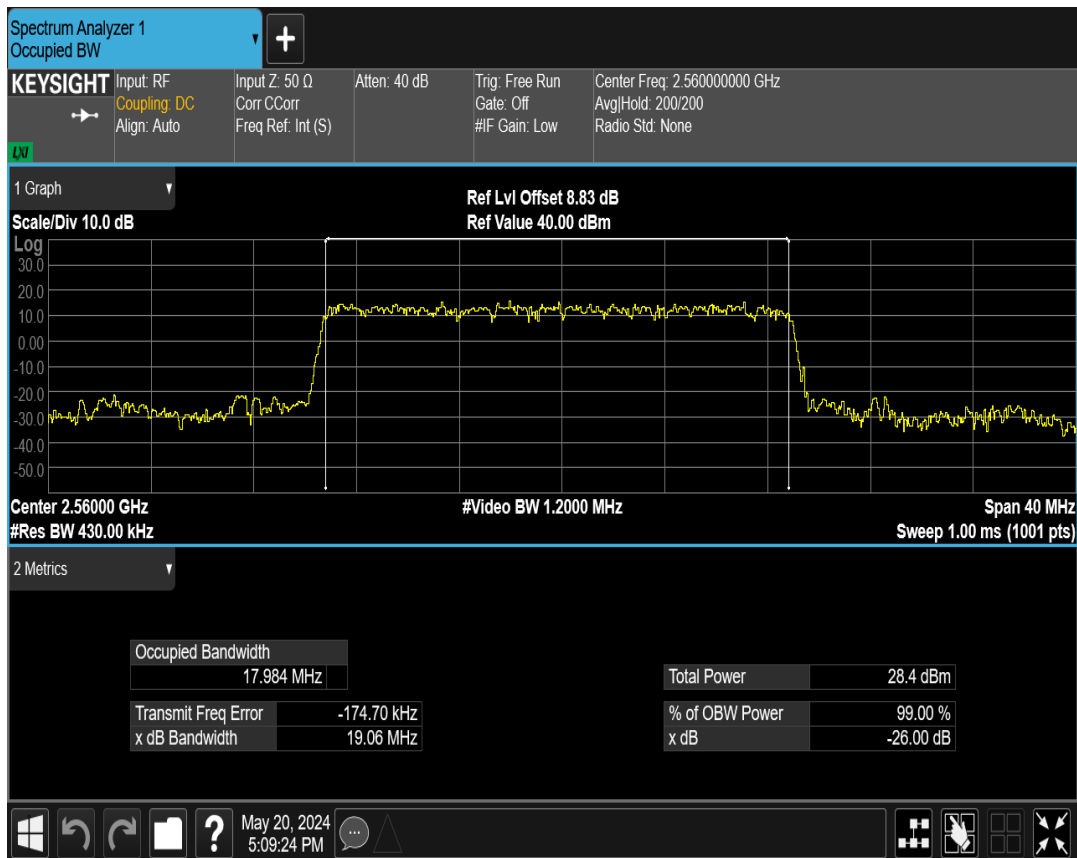
n7 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=507000 RB=50@0



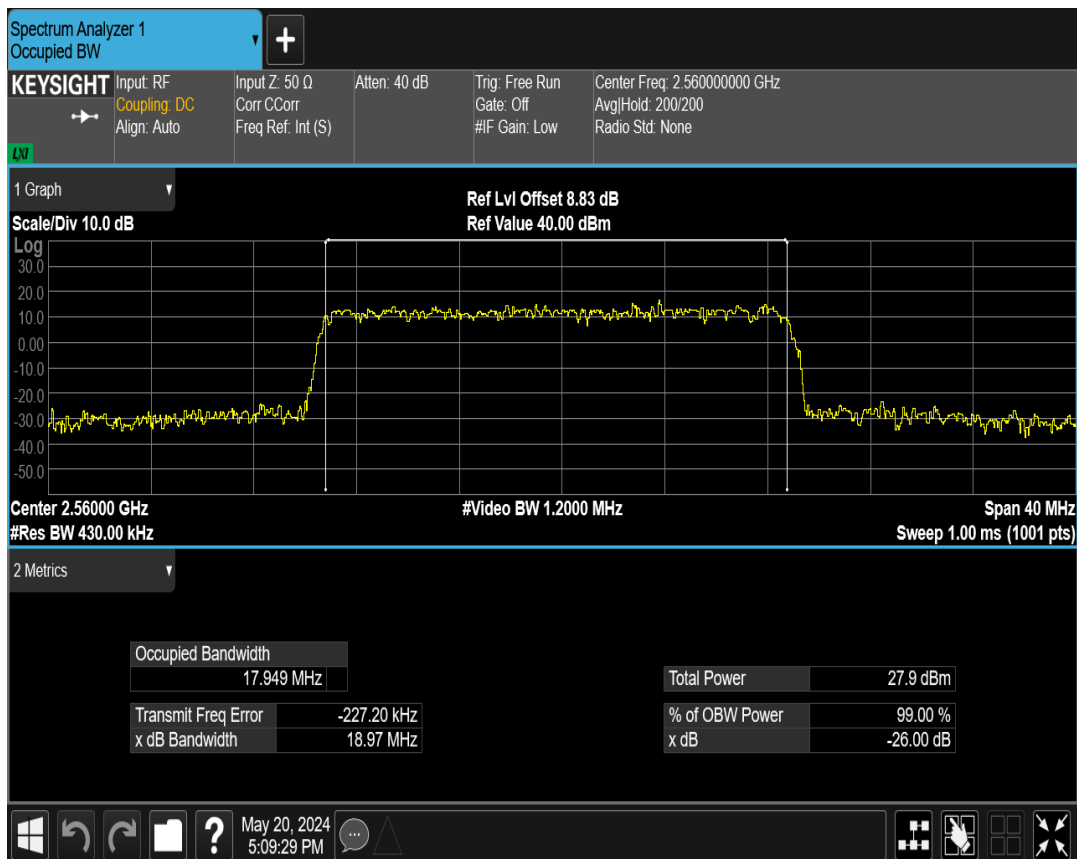
n7 SCS=30kHz CP\_QPSK BW=20MHz Channel=507000 RB=51@0



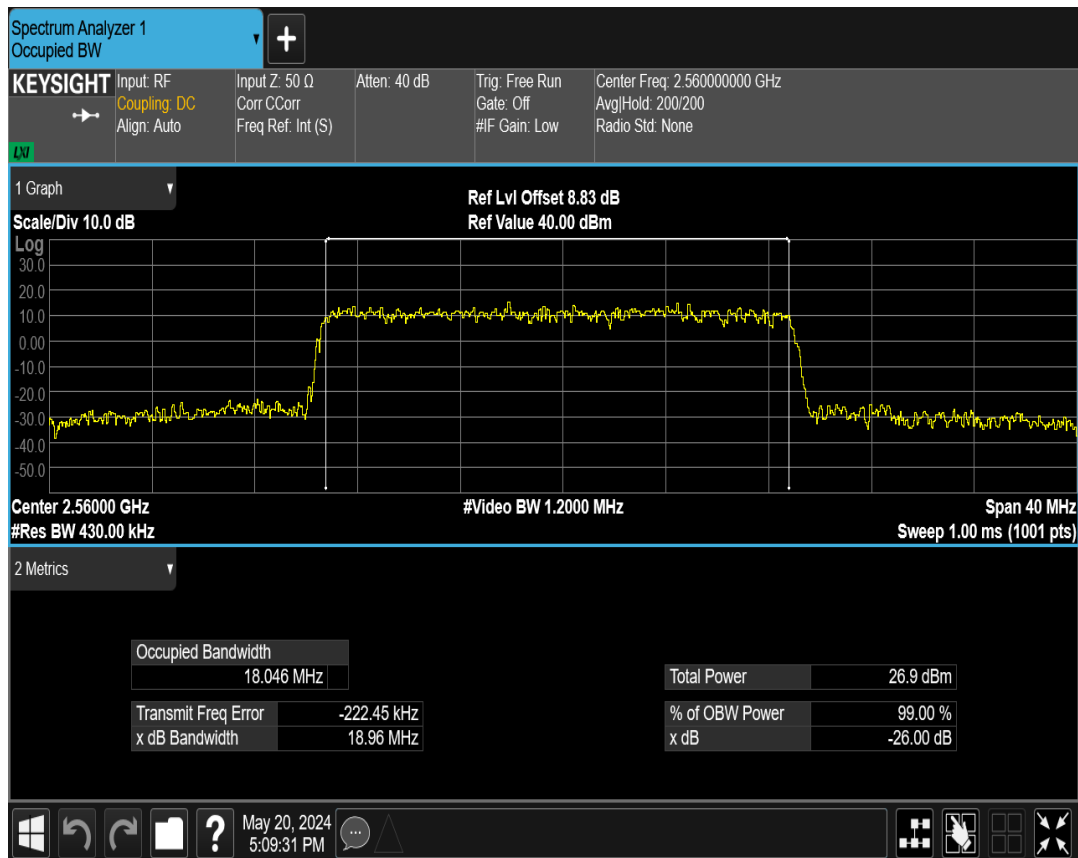
n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=512000 RB=50@0



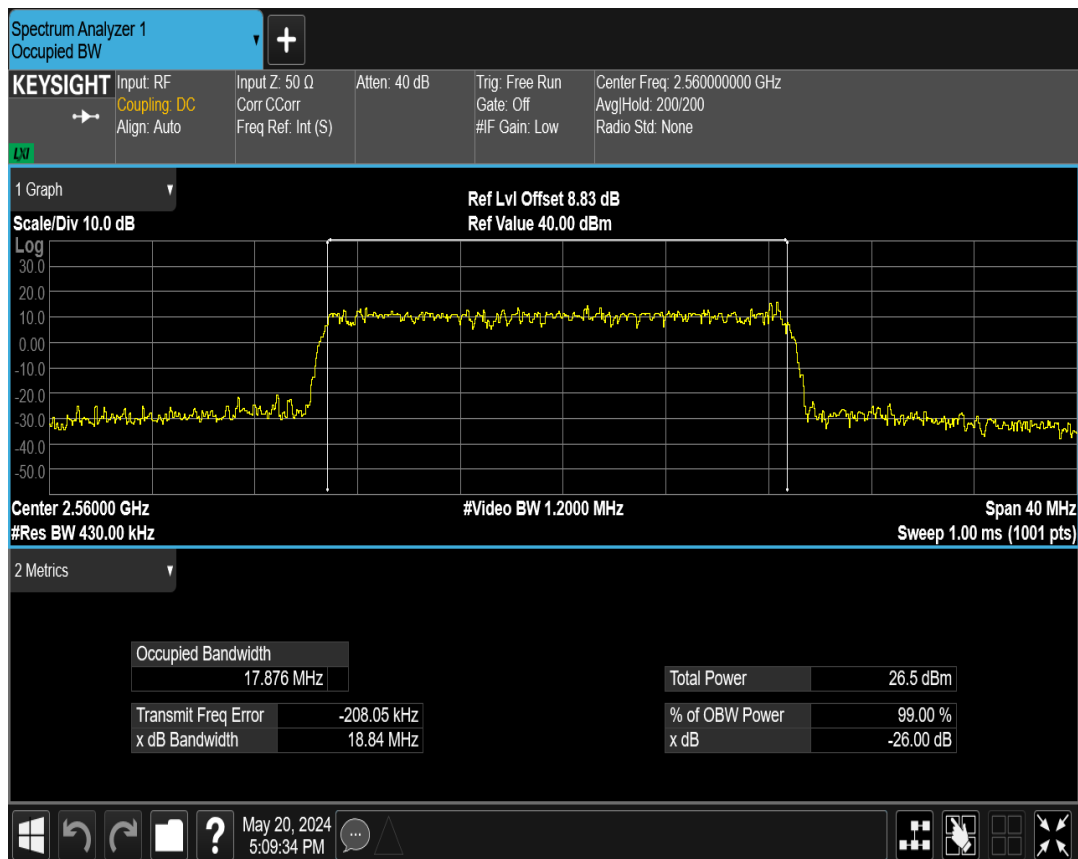
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=50@0



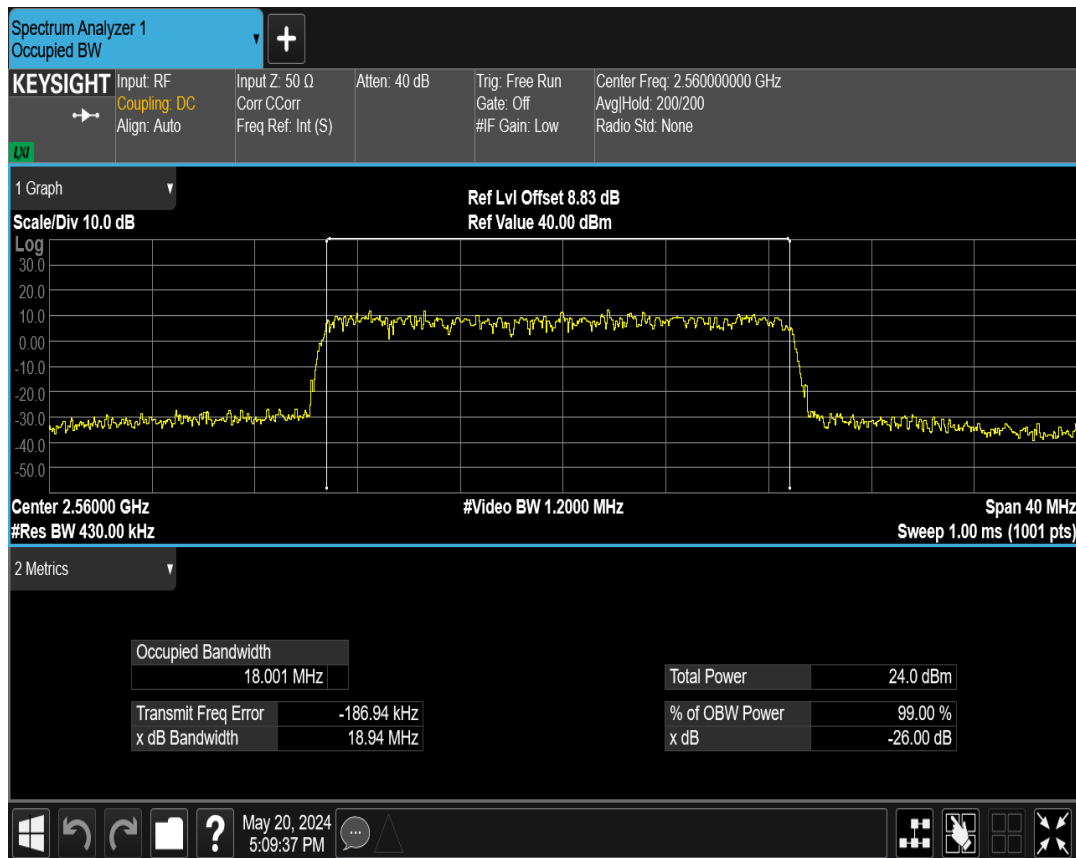
n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=512000 RB=50@0



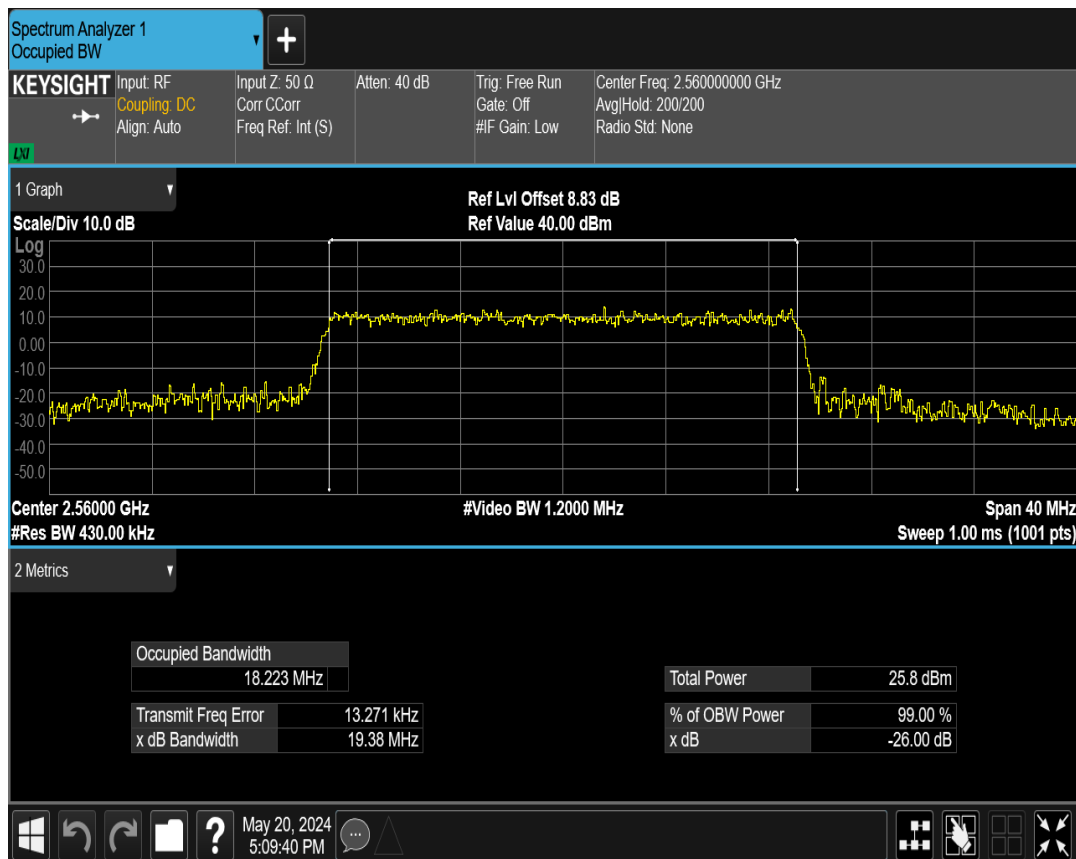
n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=512000 RB=50@0



n7 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=512000 RB=50@0



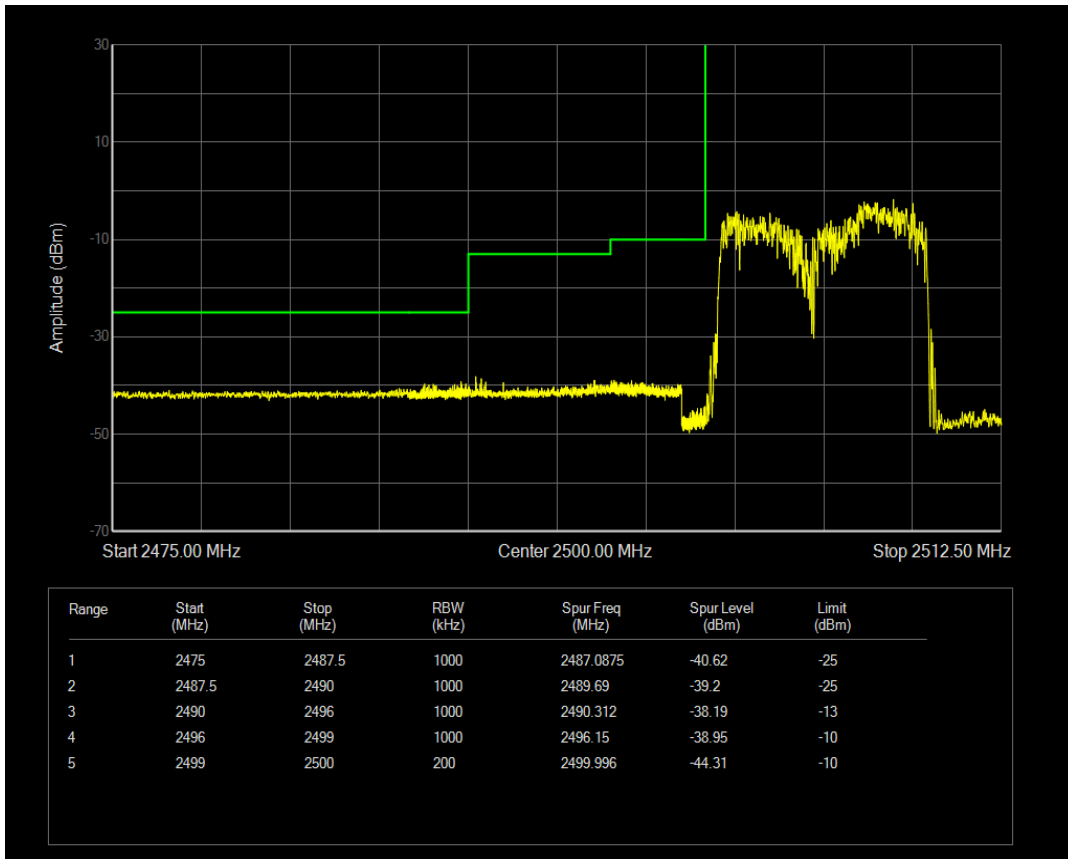
n7 SCS=30kHz CP\_QPSK BW=20MHz Channel=512000 RB=51@0



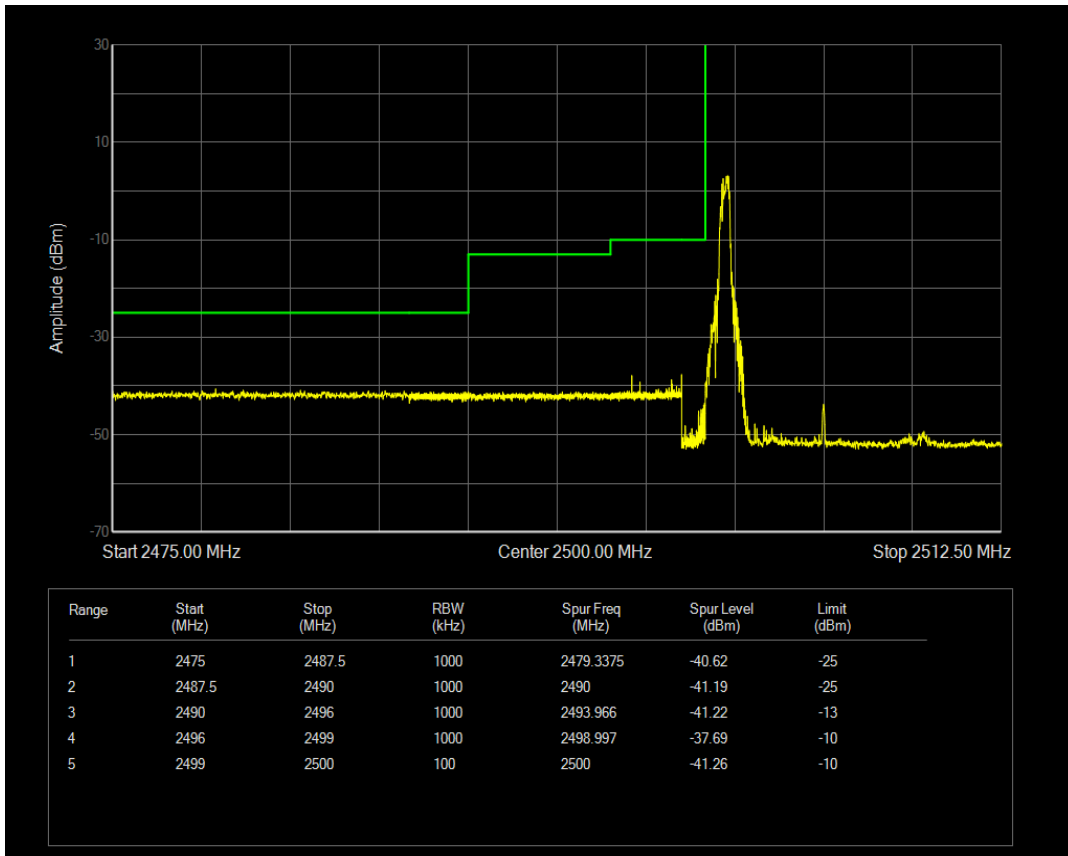
## 5 Band edge for NR FR1

| 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 |
|------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n7   | 30           | 10                 | 501000        | 24@0             | DFT_QPSK   | 2489.69            | -39.20              | -25            | PASS    |
| n7   | 30           | 10                 | 501000        | 1@0              | DFT_QPSK   | 2479.34            | -40.62              | -25            | PASS    |
| n7   | 30           | 10                 | 513000        | 24@0             | DFT_QPSK   | 2580.00            | -39.74              | -25            | PASS    |
| n7   | 30           | 10                 | 513000        | 1@23             | DFT_QPSK   | 2582.70            | -40.82              | -25            | PASS    |
| n7   | 30           | 20                 | 502000        | 50@0             | DFT_QPSK   | 2479.90            | -40.55              | -25            | PASS    |
| n7   | 30           | 20                 | 502000        | 1@0              | DFT_QPSK   | 2477.70            | -40.72              | -25            | PASS    |
| n7   | 30           | 20                 | 512000        | 50@0             | DFT_QPSK   | 2592.96            | -40.91              | -25            | PASS    |
| n7   | 30           | 20                 | 512000        | 1@50             | DFT_QPSK   | 2592.97            | -40.84              | -25            | PASS    |

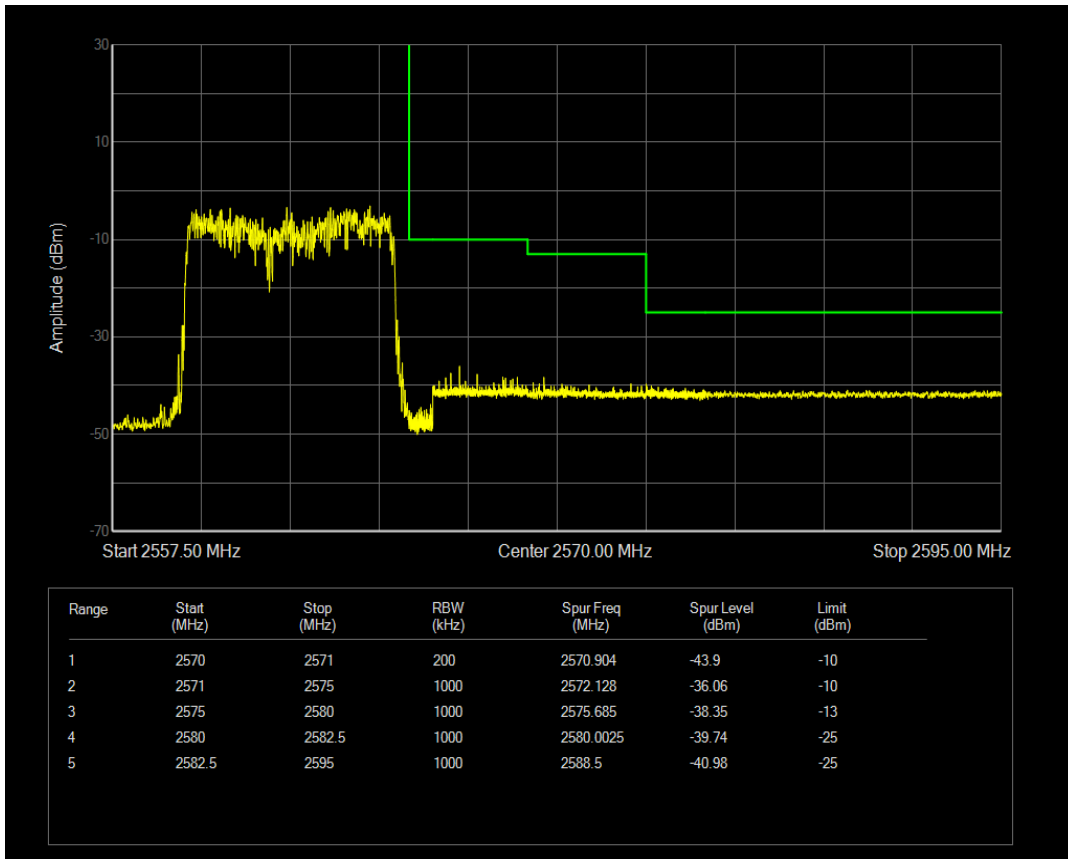
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



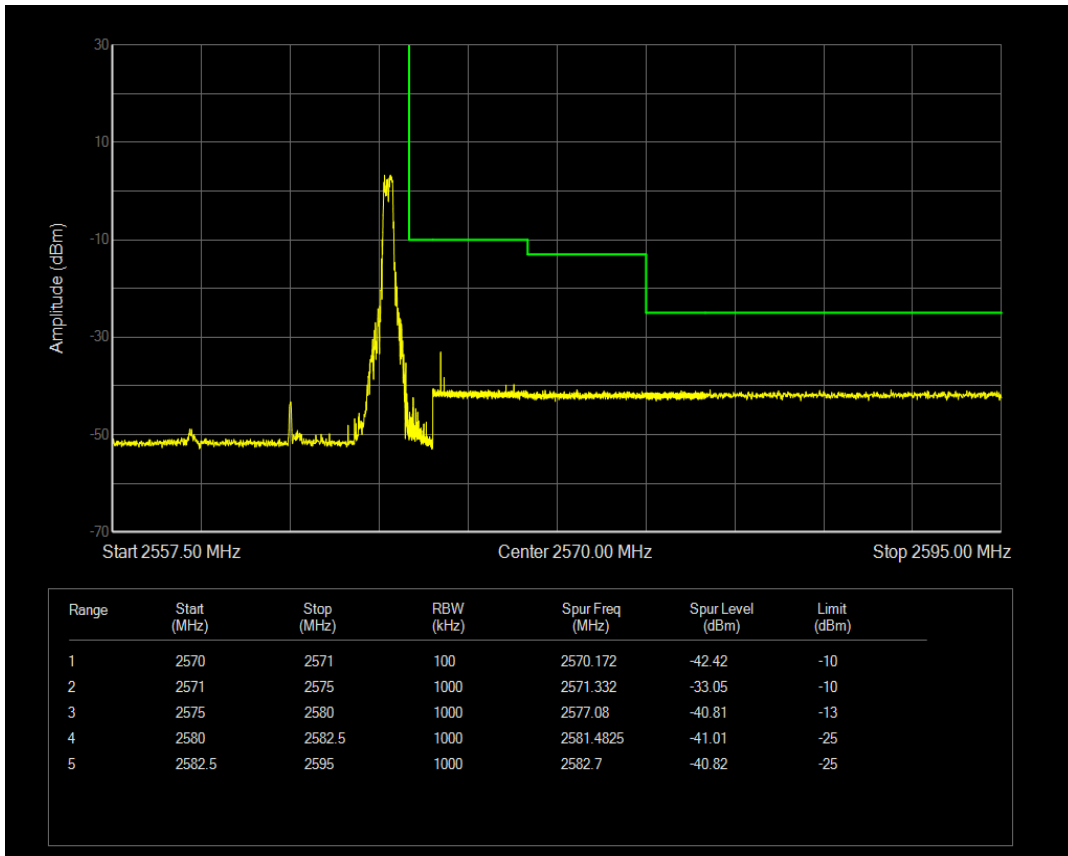
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@0



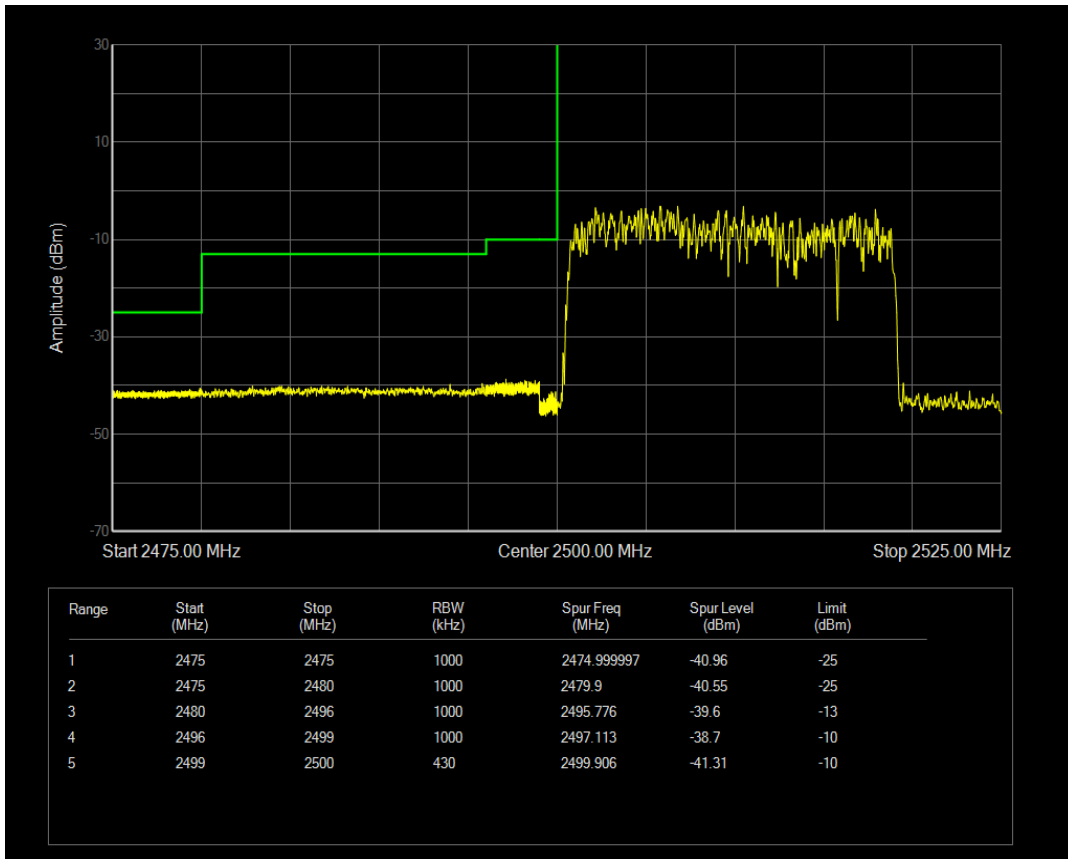
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=24@0



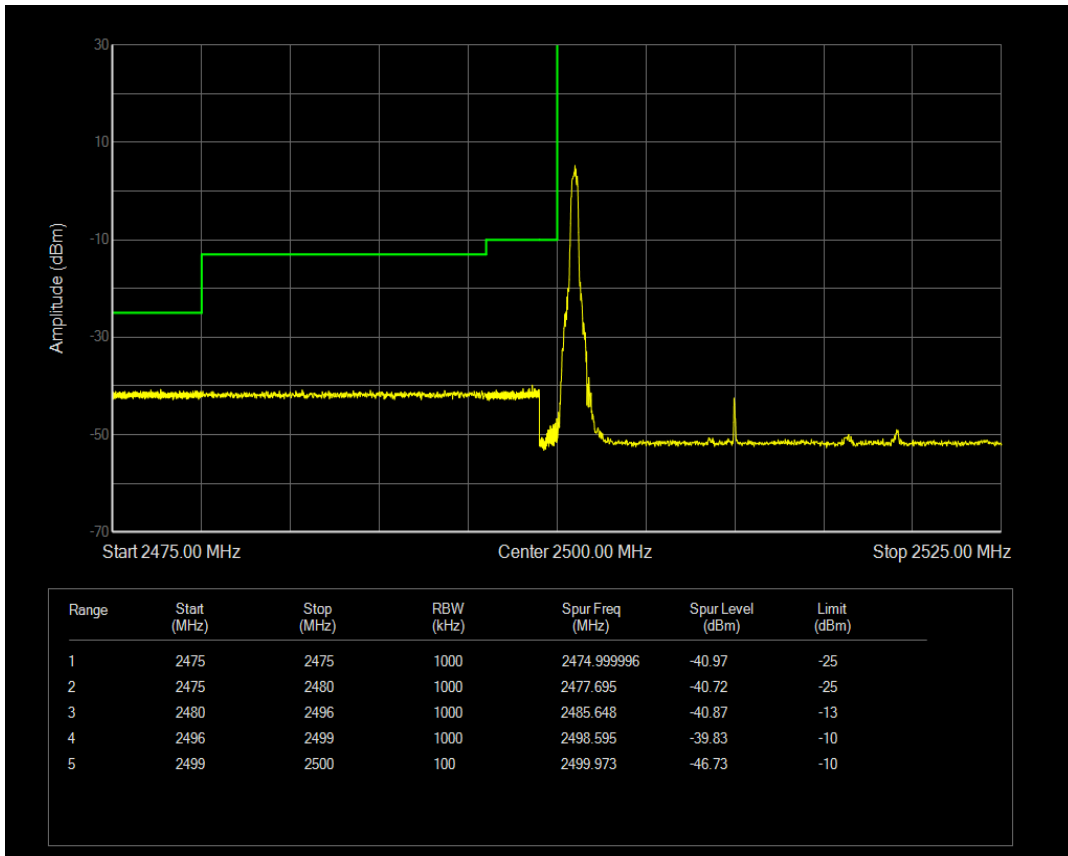
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=1@23



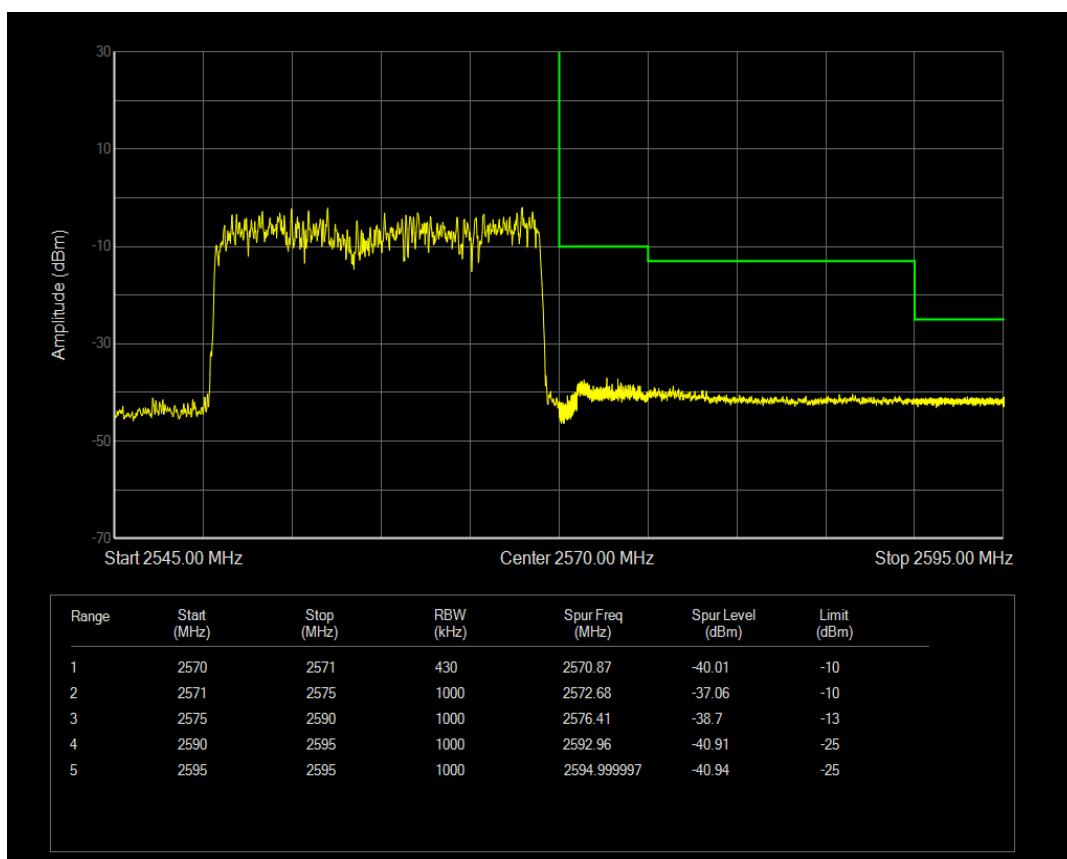
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=50@0



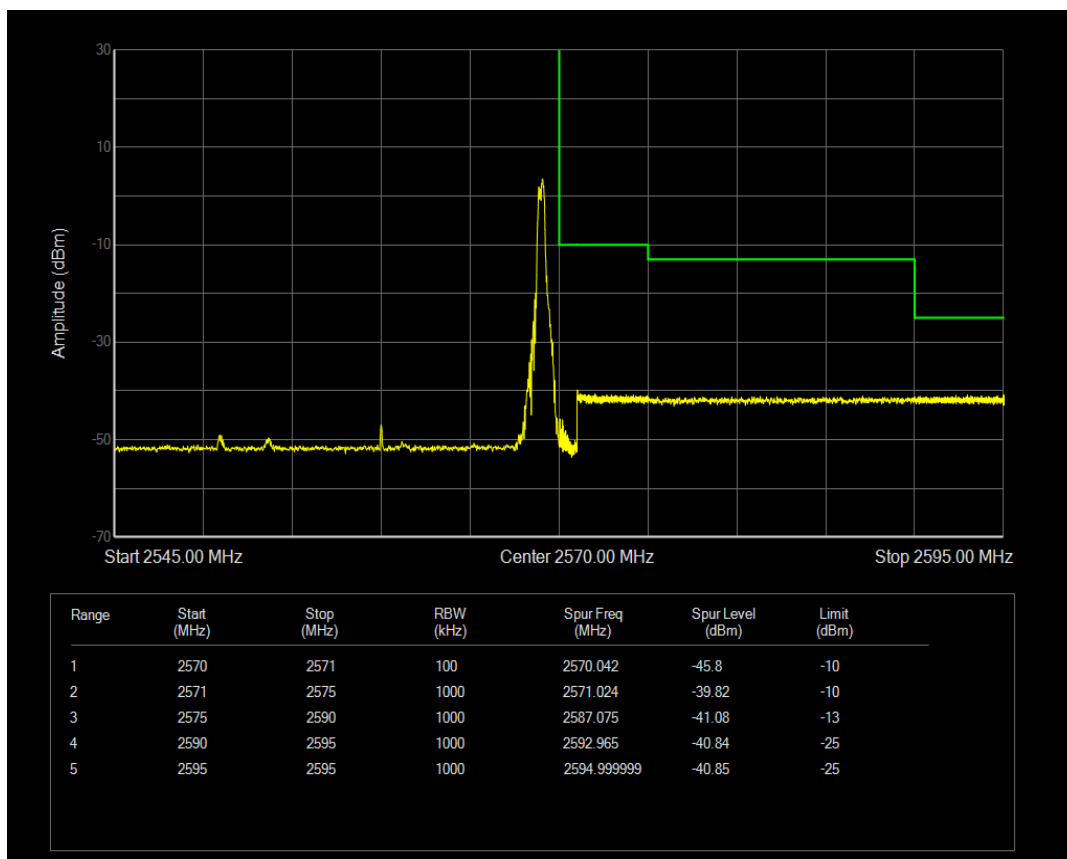
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=1@0



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=50@0



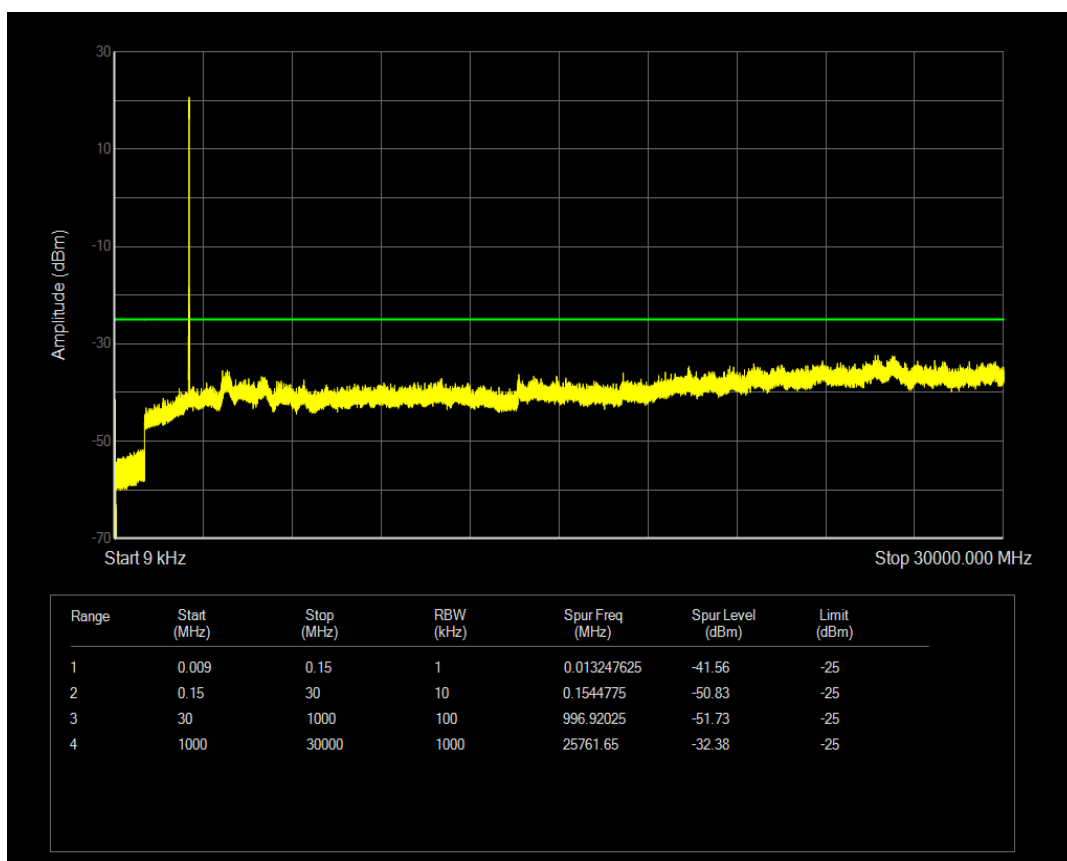
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=1@50



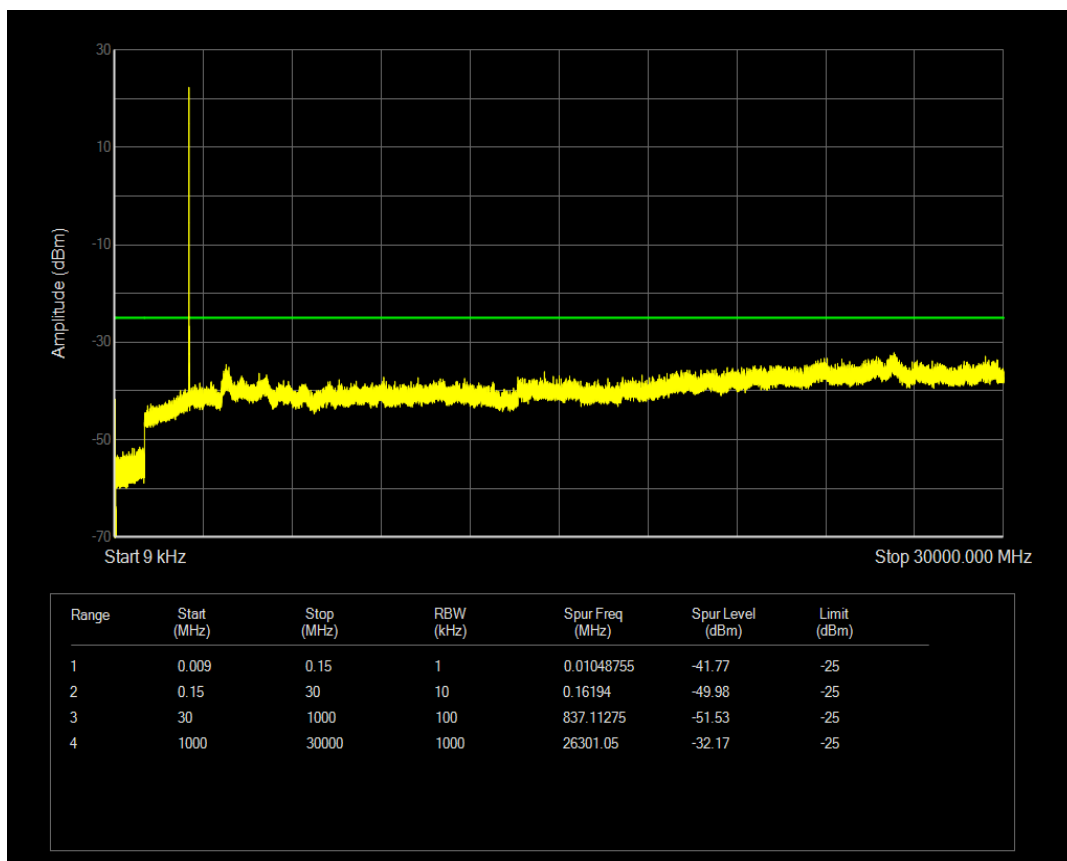
## 6 Out-of-band emissions for NR FR1

| 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 |
|------|--------------|--------------------|---------------|------------------|------------|--------------------|---------------------|----------------|---------|
| n7   | 30           | 10                 | 501000        | 24@0             | DFT_QPSK   | 25761.65           | -32.38              | -25            | PASS    |
| n7   | 30           | 10                 | 501000        | 1@0              | DFT_QPSK   | 26301.05           | -32.17              | -25            | PASS    |
| n7   | 30           | 10                 | 501000        | 1@23             | DFT_QPSK   | 25782.68           | -31.67              | -25            | PASS    |
| n7   | 30           | 10                 | 507000        | 24@0             | DFT_QPSK   | 25665.95           | -31.67              | -25            | PASS    |
| n7   | 30           | 10                 | 507000        | 1@0              | DFT_QPSK   | 25723.95           | -31.87              | -25            | PASS    |
| n7   | 30           | 10                 | 507000        | 1@23             | DFT_QPSK   | 26237.25           | -31.45              | -25            | PASS    |
| n7   | 30           | 10                 | 513000        | 24@0             | DFT_QPSK   | 26411.98           | -32.21              | -25            | PASS    |
| n7   | 30           | 10                 | 513000        | 1@0              | DFT_QPSK   | 26403.28           | -31.66              | -25            | PASS    |
| n7   | 30           | 10                 | 513000        | 1@23             | DFT_QPSK   | 25675.38           | -32.05              | -25            | PASS    |
| n7   | 30           | 20                 | 502000        | 50@0             | DFT_QPSK   | 26190.13           | -32.41              | -25            | PASS    |
| n7   | 30           | 20                 | 502000        | 1@0              | DFT_QPSK   | 26238.70           | -31.89              | -25            | PASS    |
| n7   | 30           | 20                 | 502000        | 1@50             | DFT_QPSK   | 26451.13           | -32.68              | -25            | PASS    |
| n7   | 30           | 20                 | 507000        | 50@0             | DFT_QPSK   | 26223.48           | -31.99              | -25            | PASS    |
| n7   | 30           | 20                 | 507000        | 1@0              | DFT_QPSK   | 26206.08           | -32.17              | -25            | PASS    |
| n7   | 30           | 20                 | 507000        | 1@50             | DFT_QPSK   | 25777.60           | -32.17              | -25            | PASS    |
| n7   | 30           | 20                 | 512000        | 50@0             | DFT_QPSK   | 25685.53           | -32.32              | -25            | PASS    |
| n7   | 30           | 20                 | 512000        | 1@0              | DFT_QPSK   | 27950.43           | -32.61              | -25            | PASS    |
| n7   | 30           | 20                 | 512000        | 1@50             | DFT_QPSK   | 26201.00           | -32.34              | -25            | PASS    |

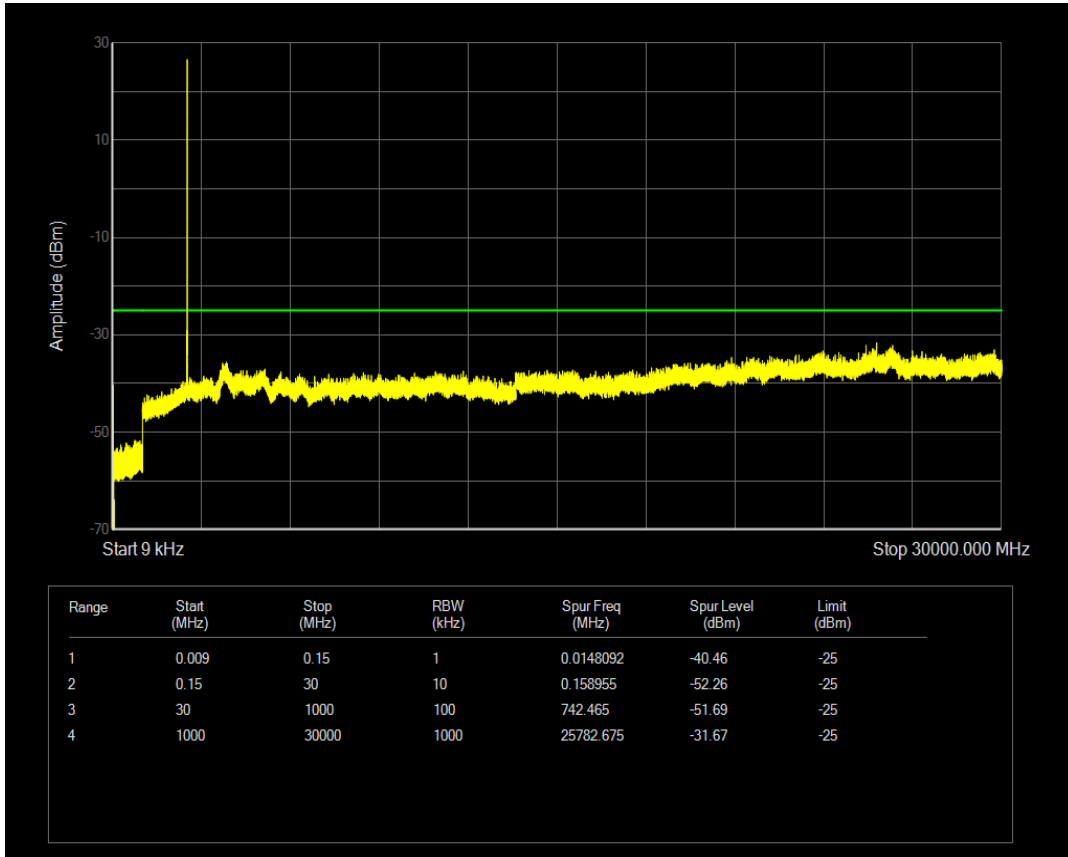
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



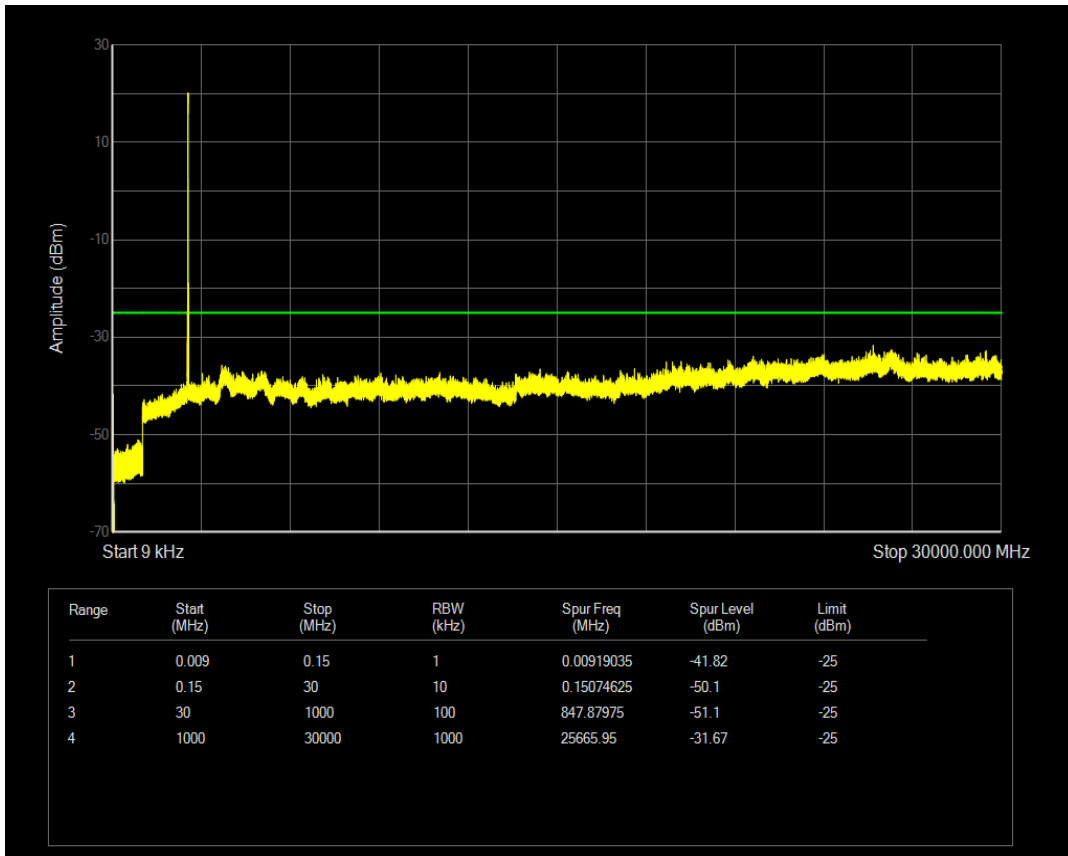
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@0



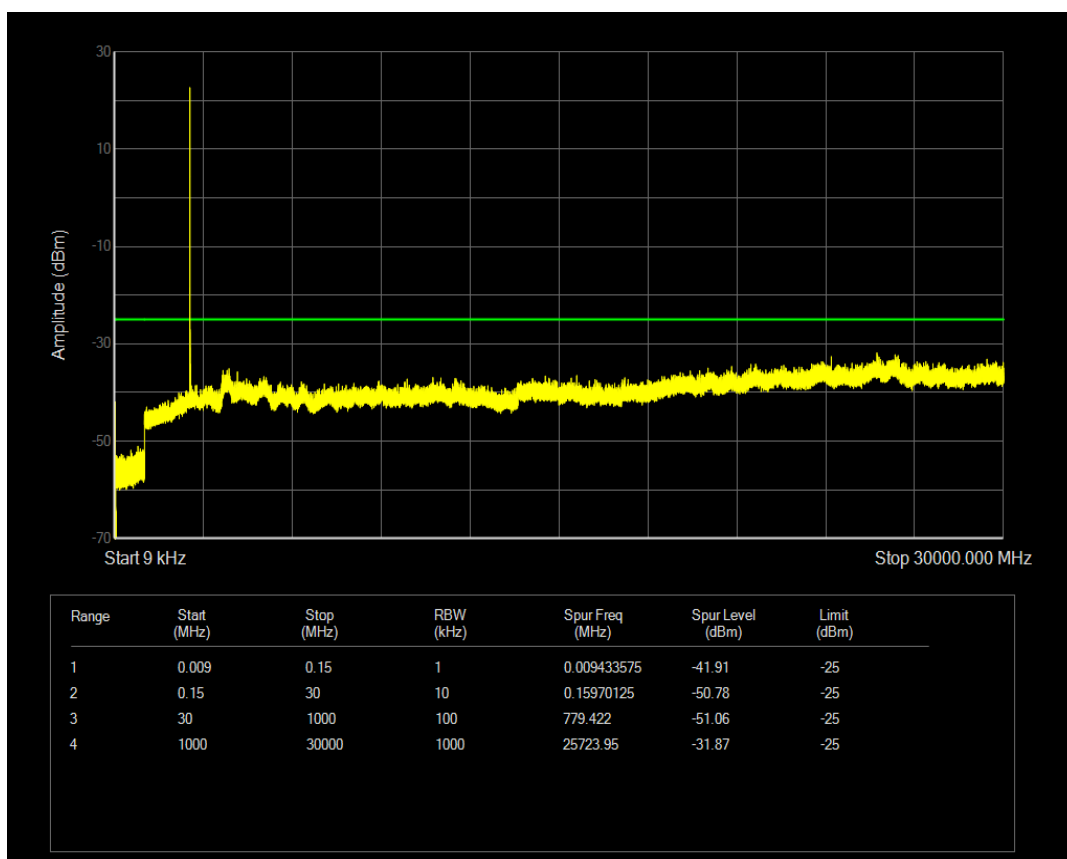
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@23



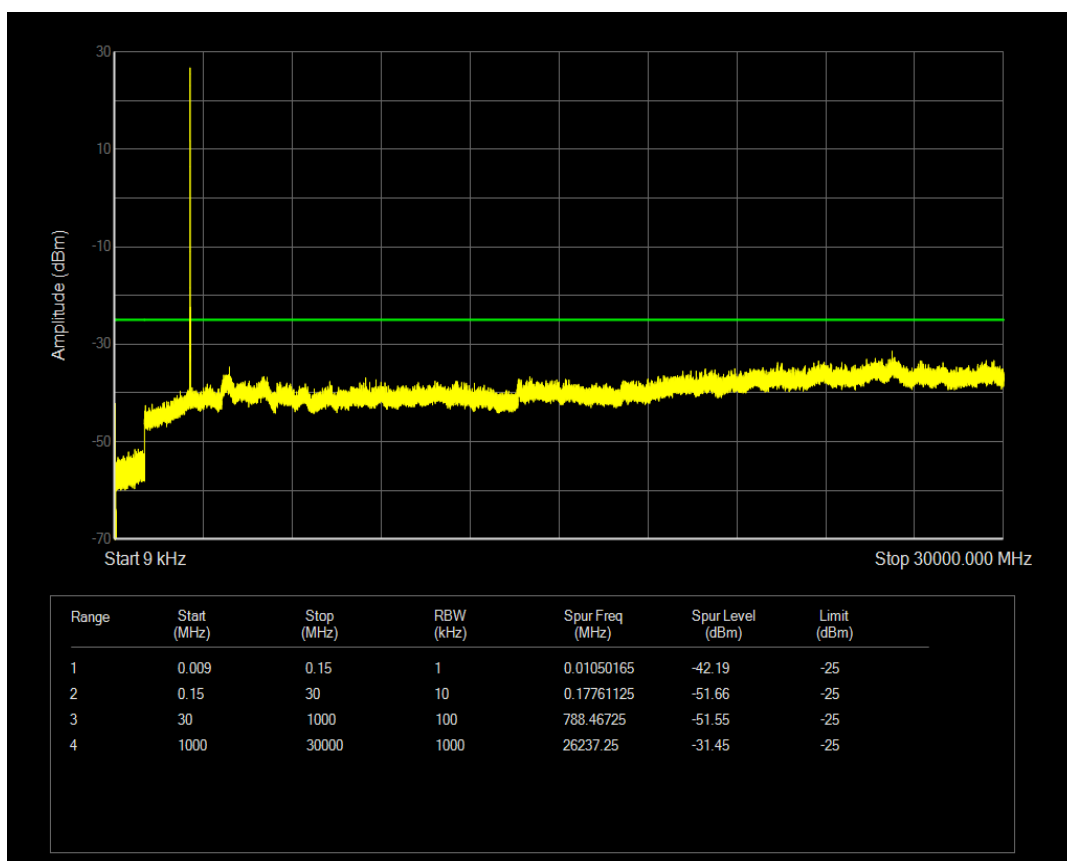
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=24@0



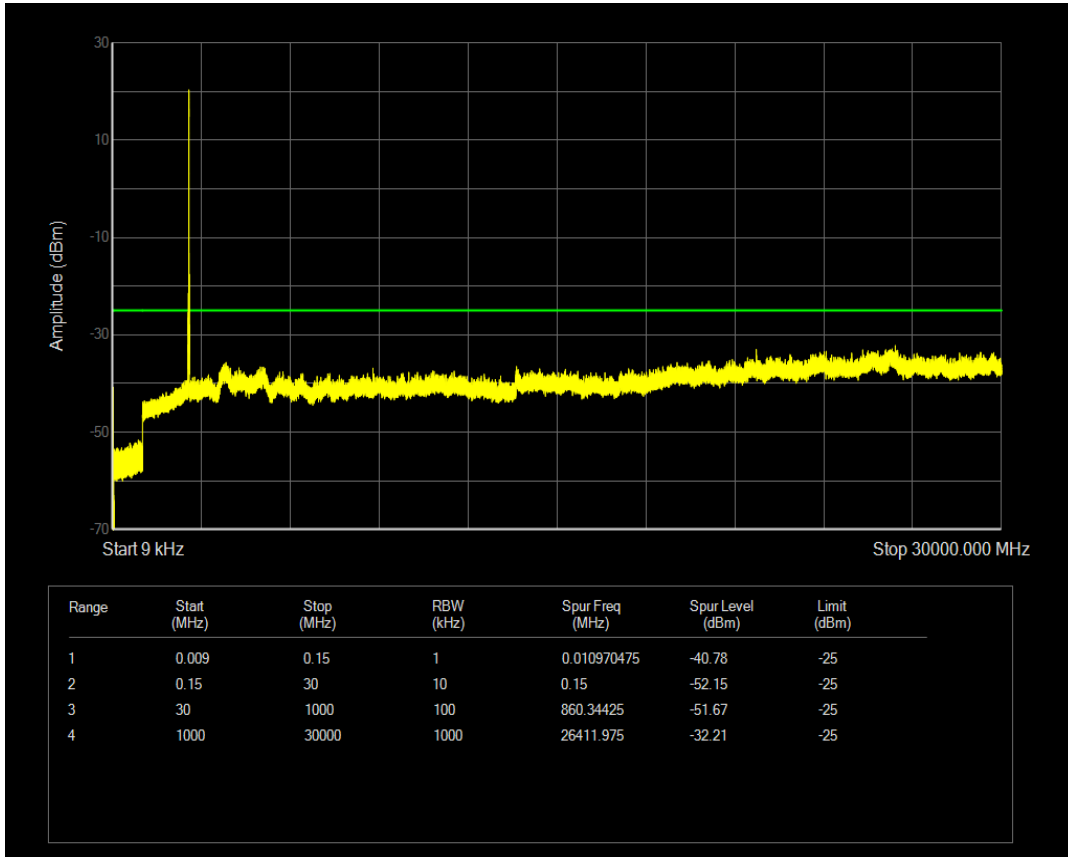
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=1@0



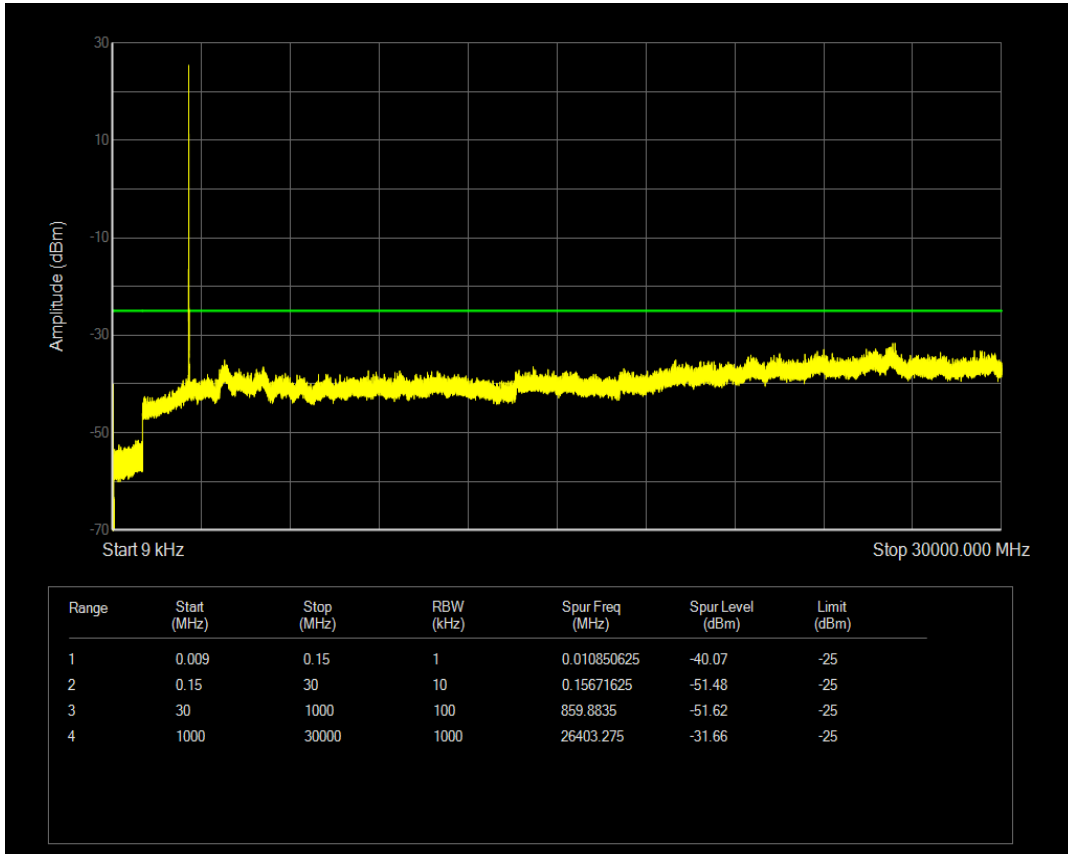
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=1@23



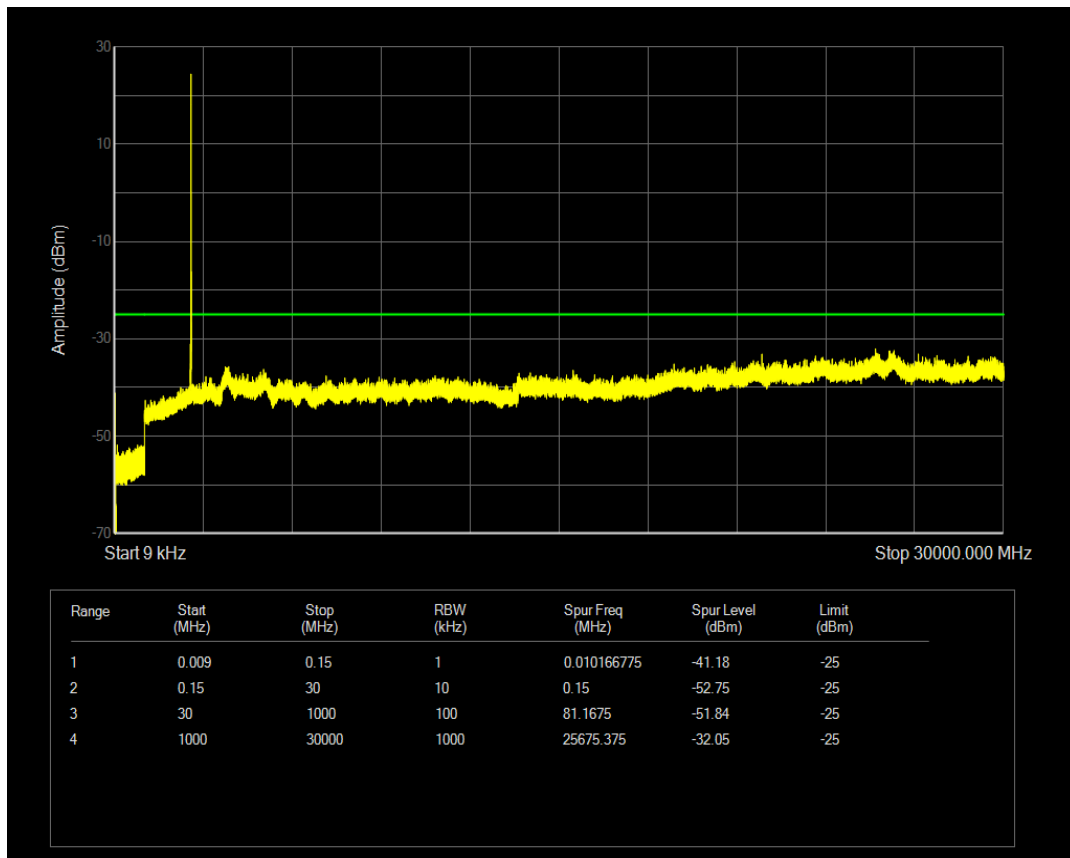
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=24@0



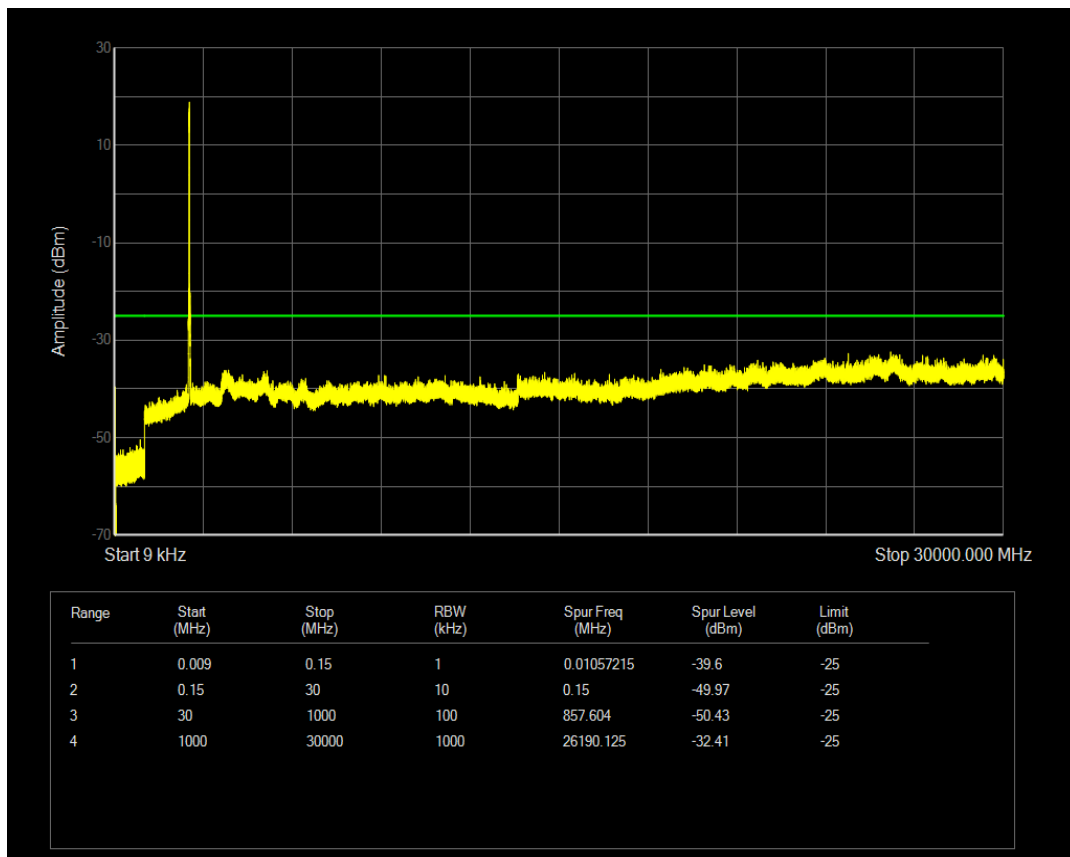
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=1@0



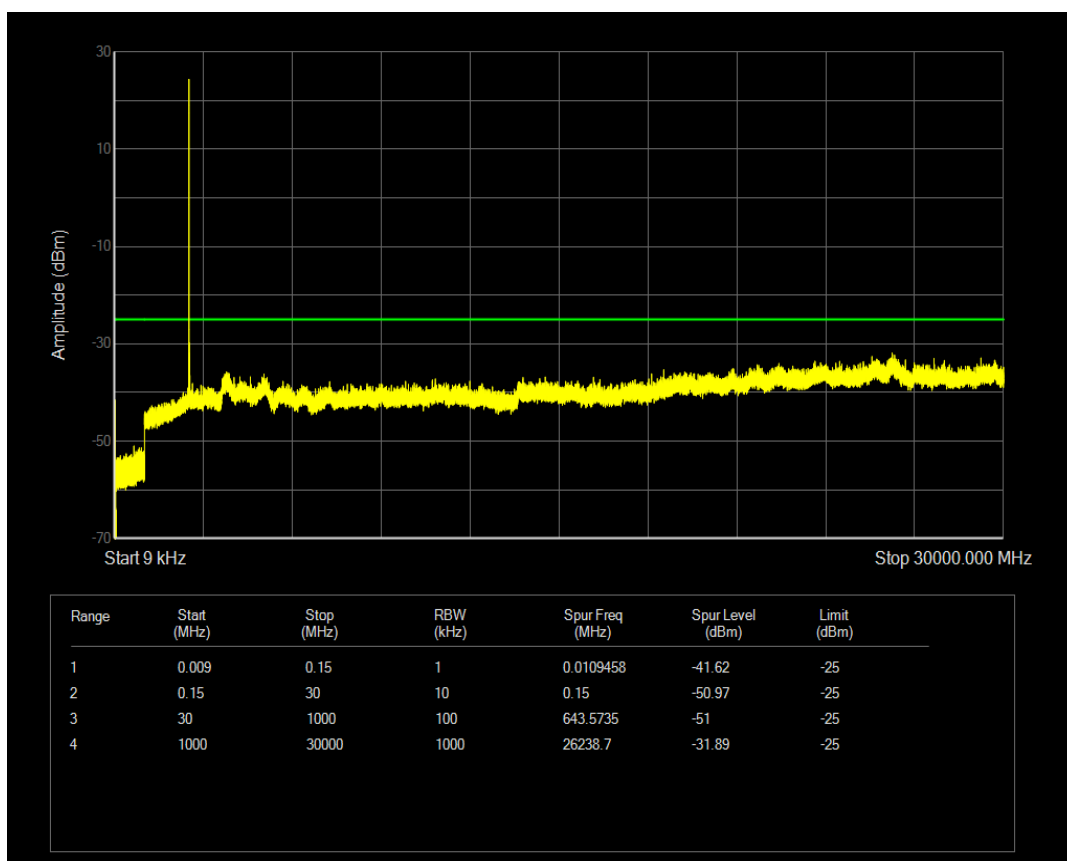
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=1@23



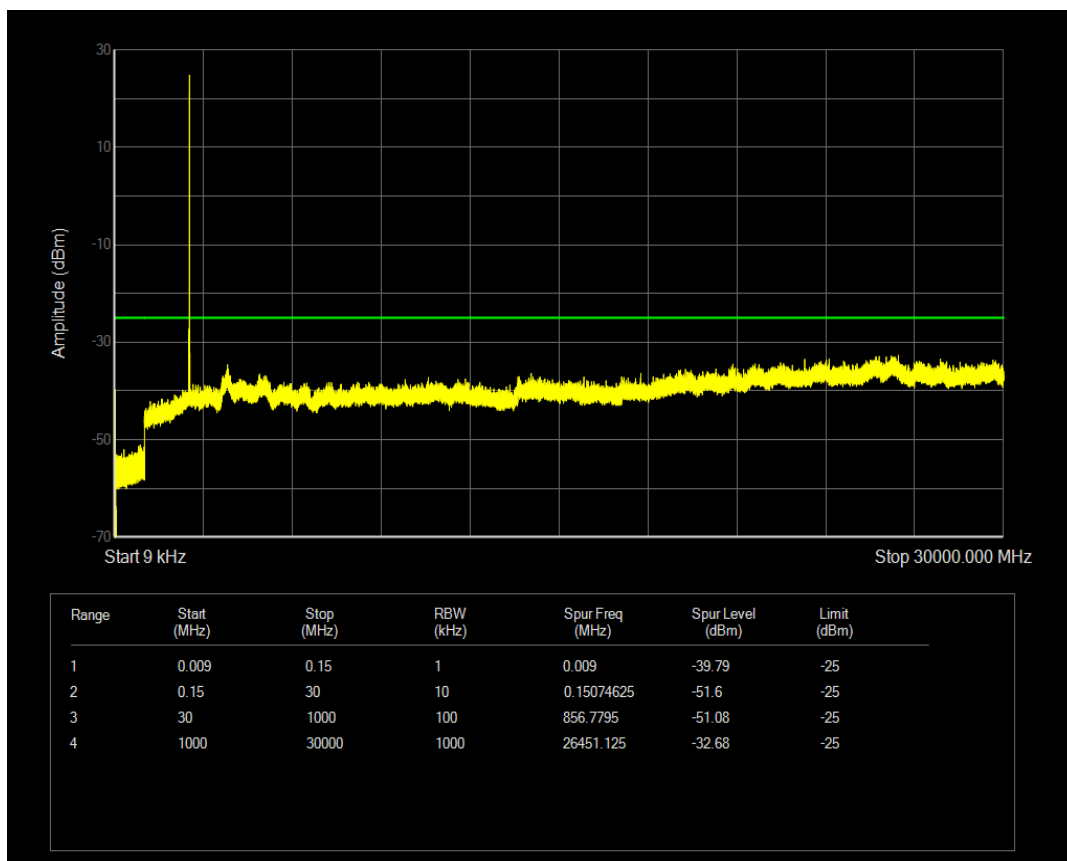
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=50@0



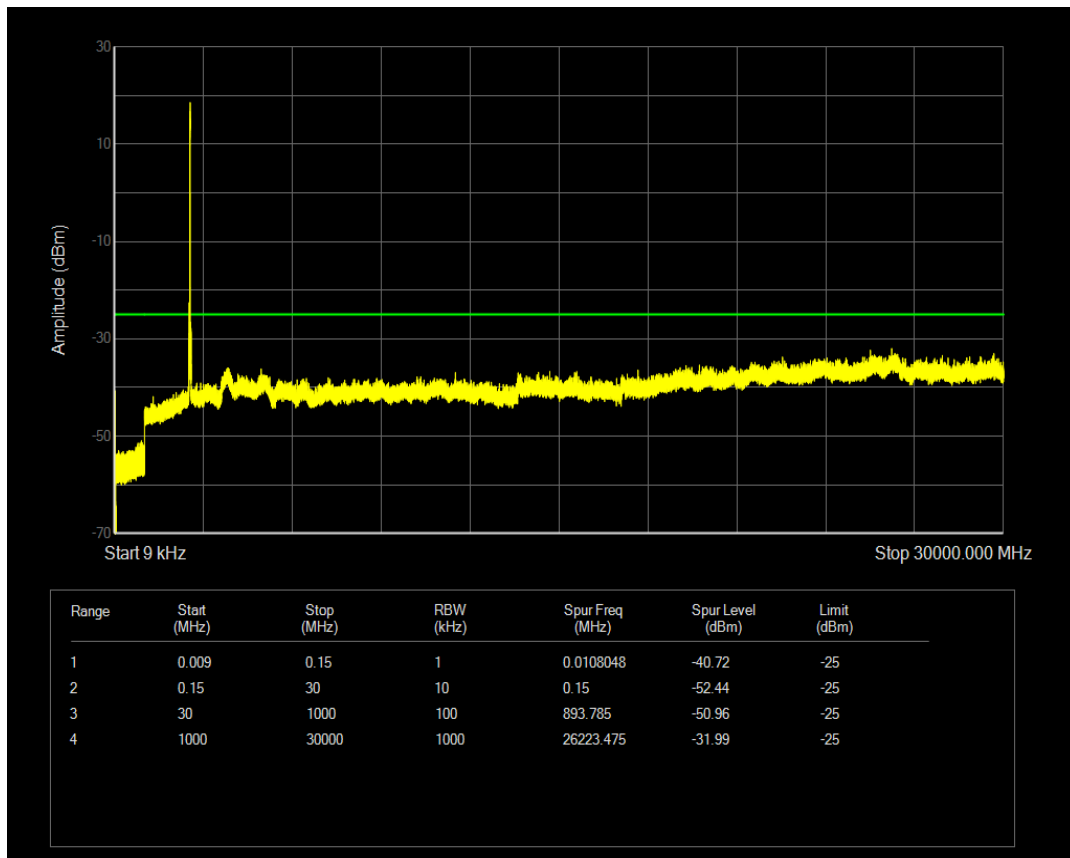
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=1@0



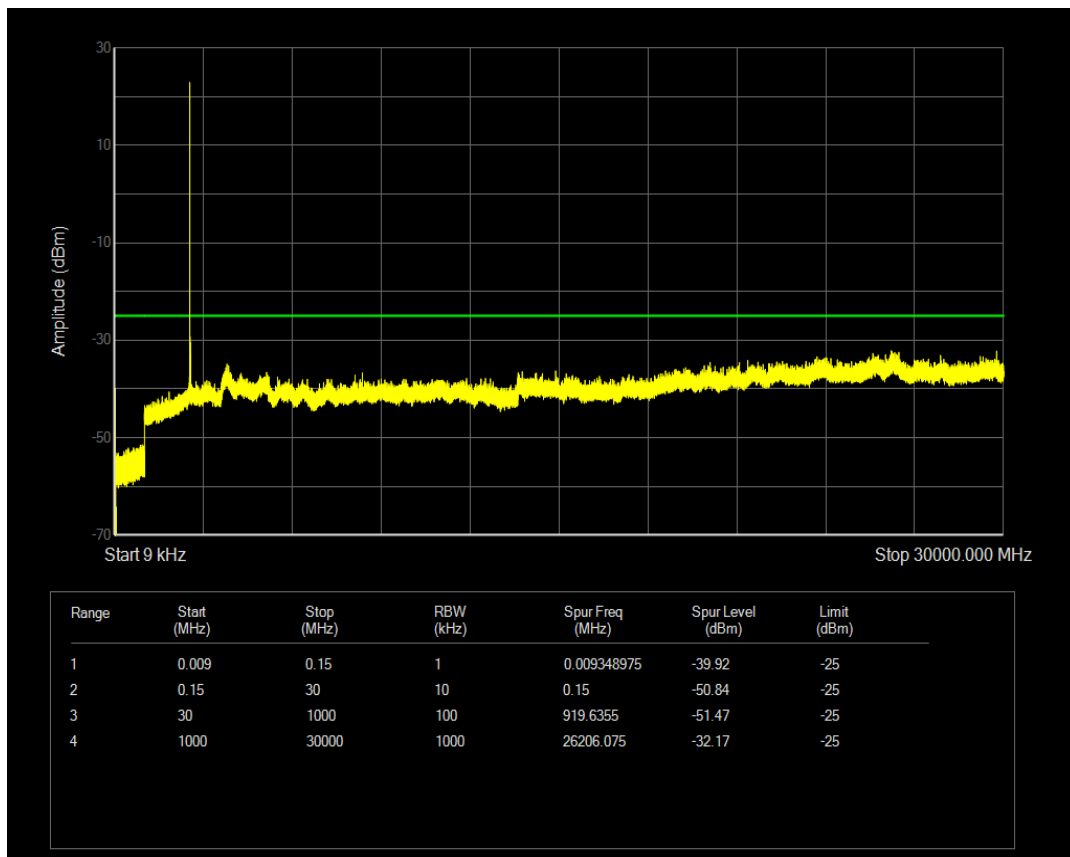
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=1@50



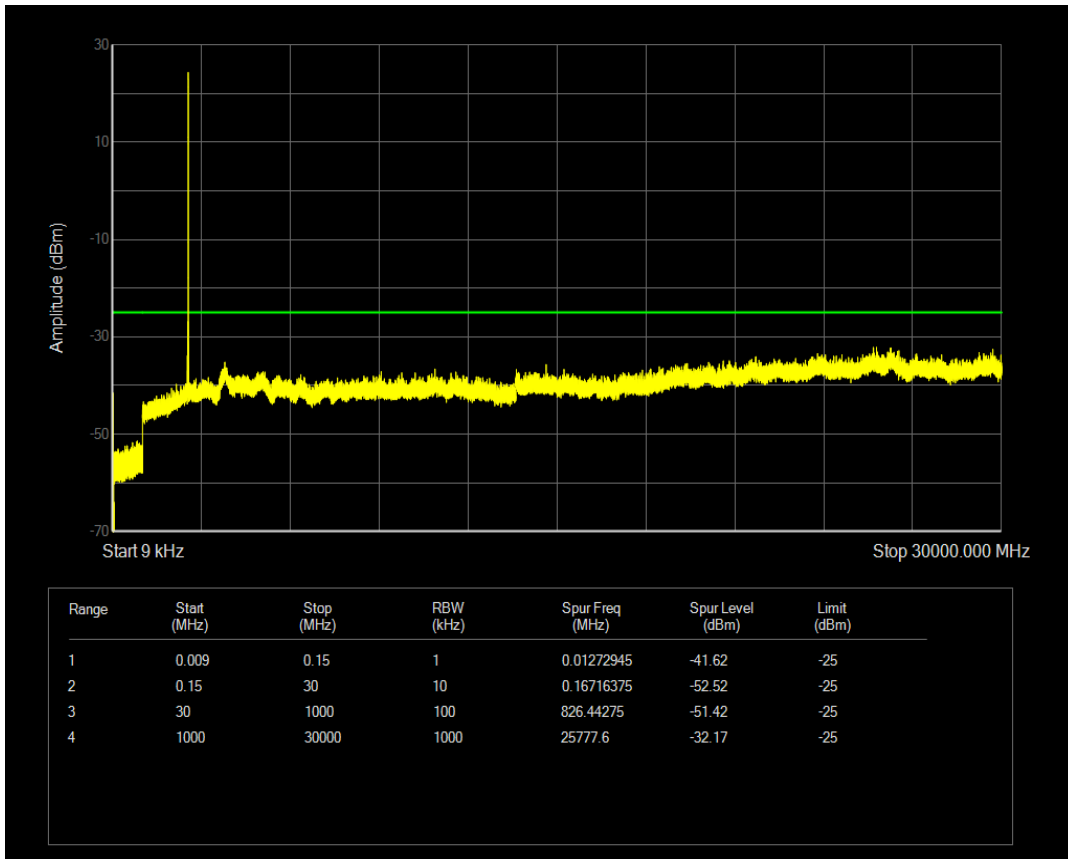
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=50@0



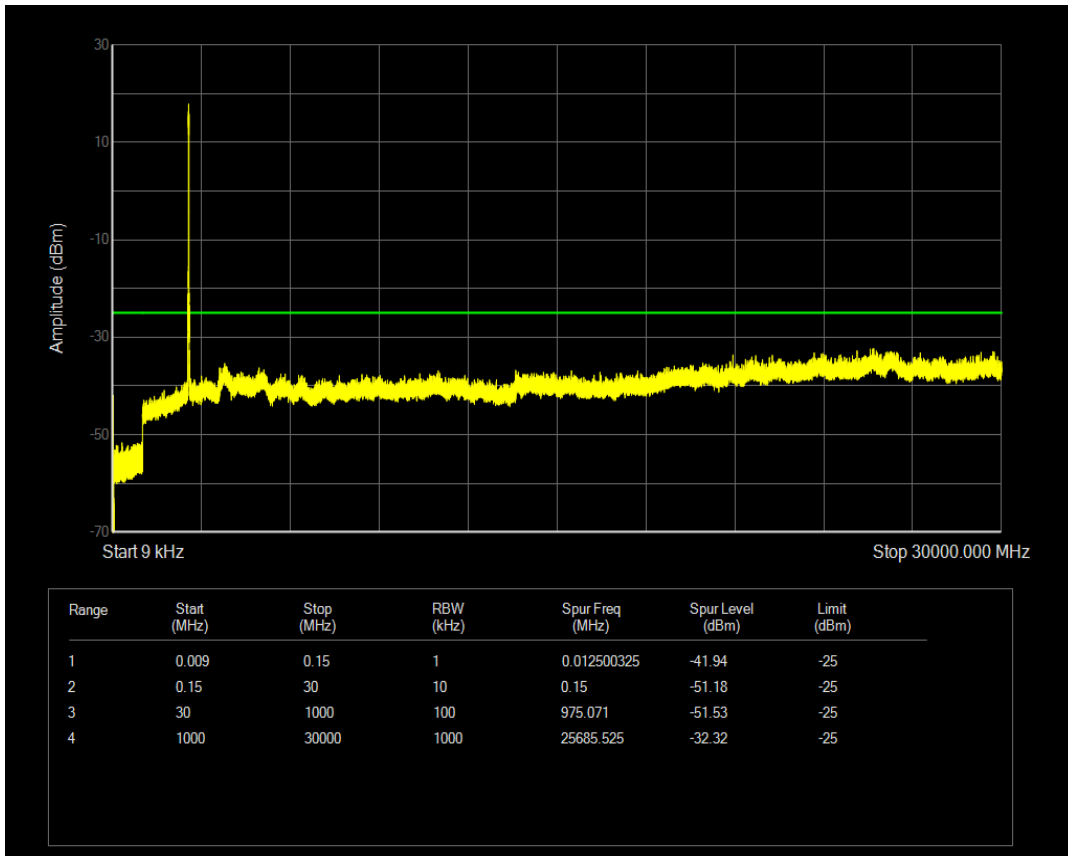
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=1@0



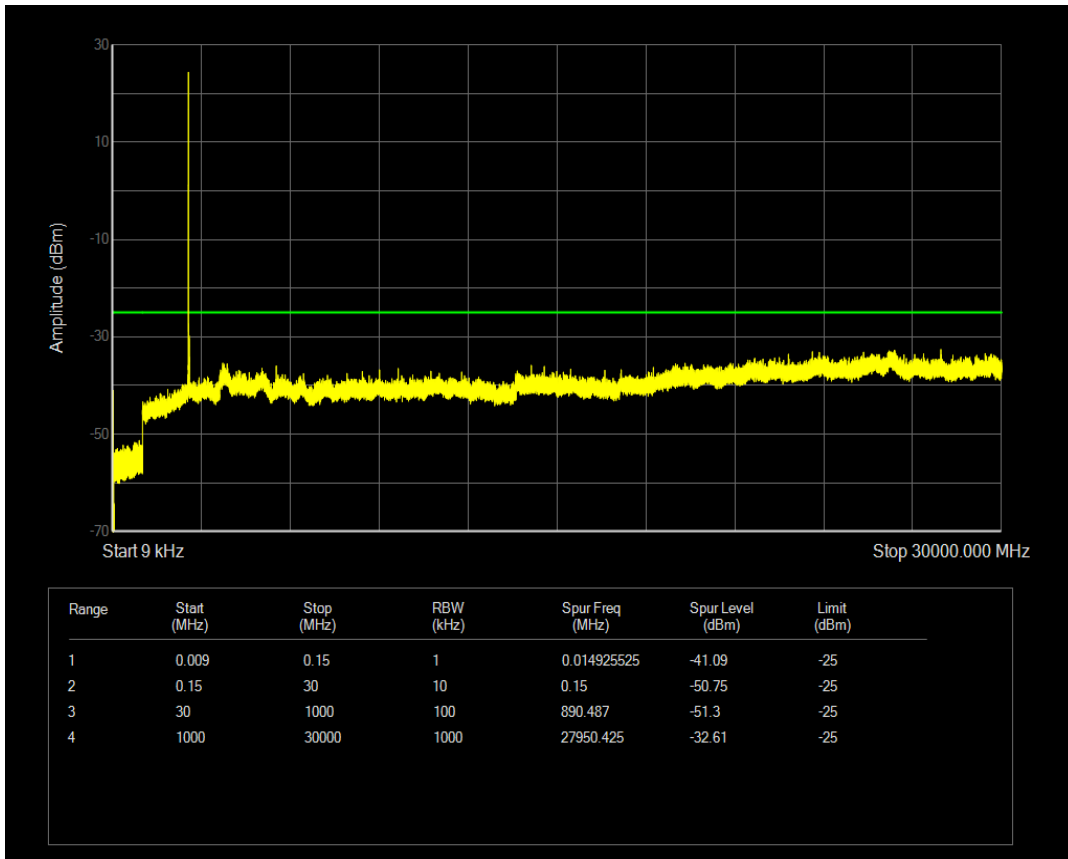
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=1@50



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=50@0



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=1@0



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=1@50

