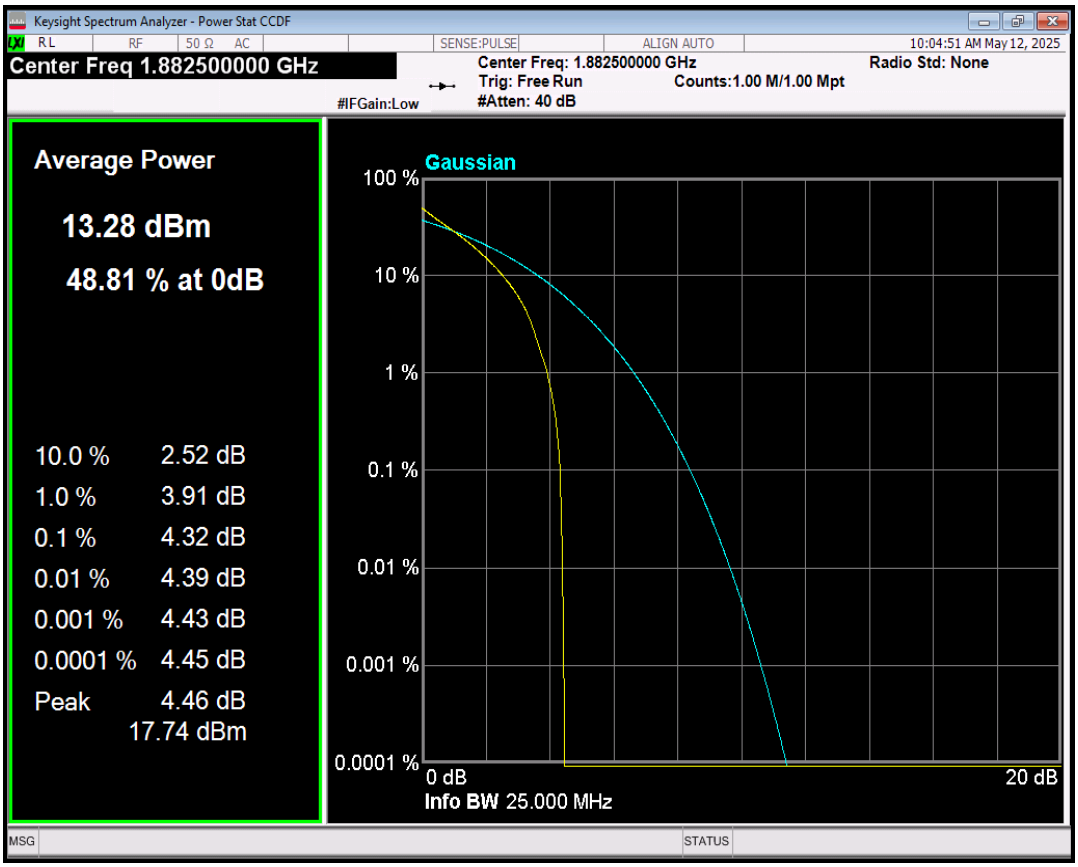
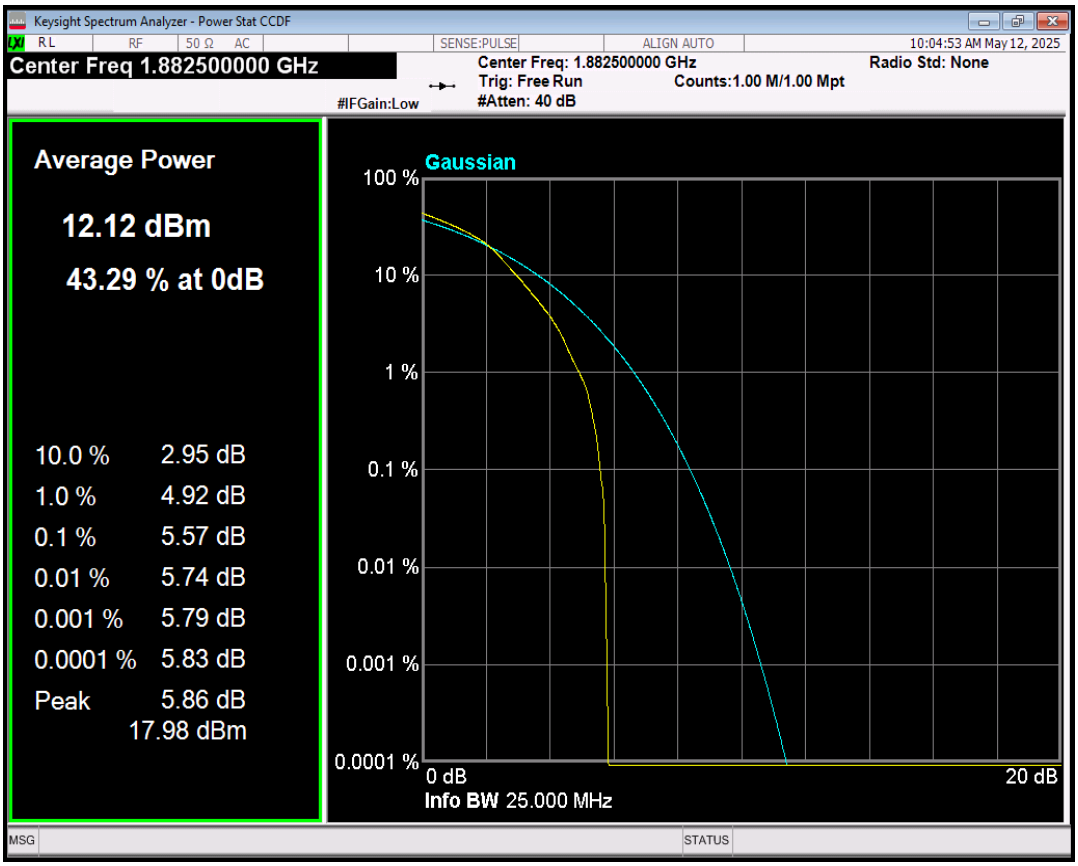
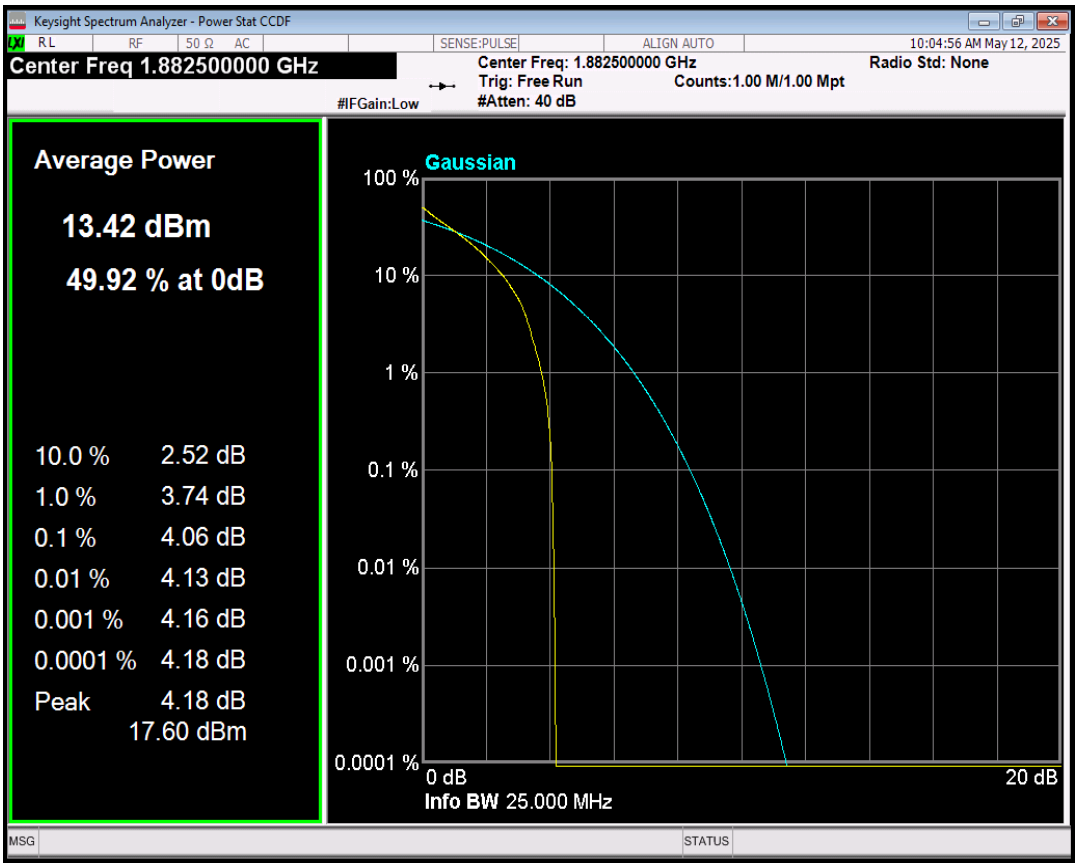


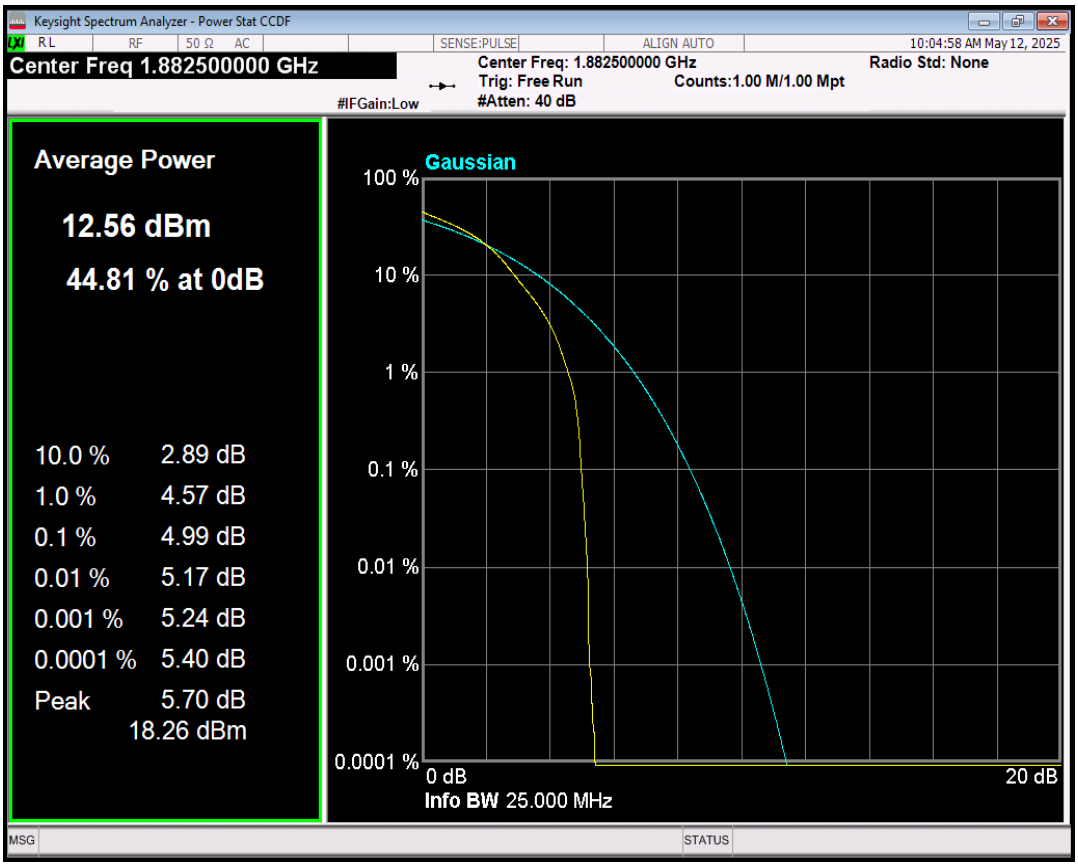

Band25 16QAM BW=1.4MHz Channel=26365 RB Size=1 Position=#0



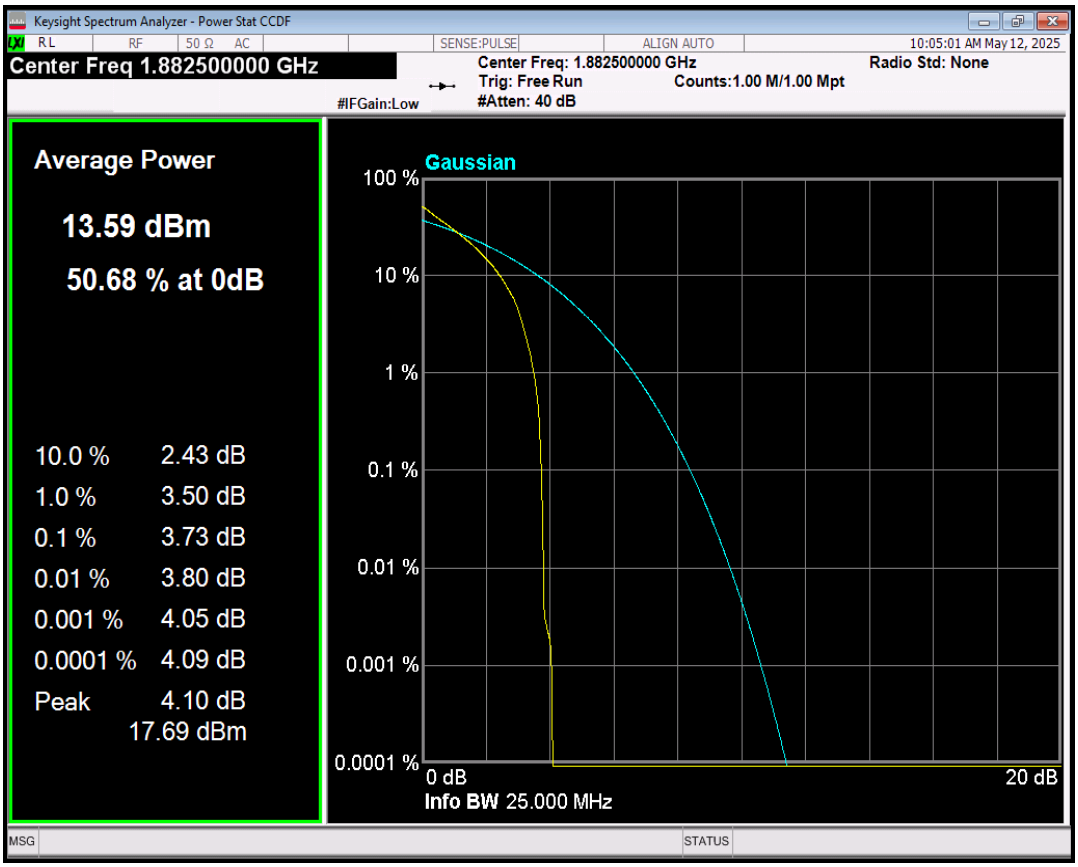

Band25 QPSK BW=3MHz Channel=26365 RB Size=1 Position=#0



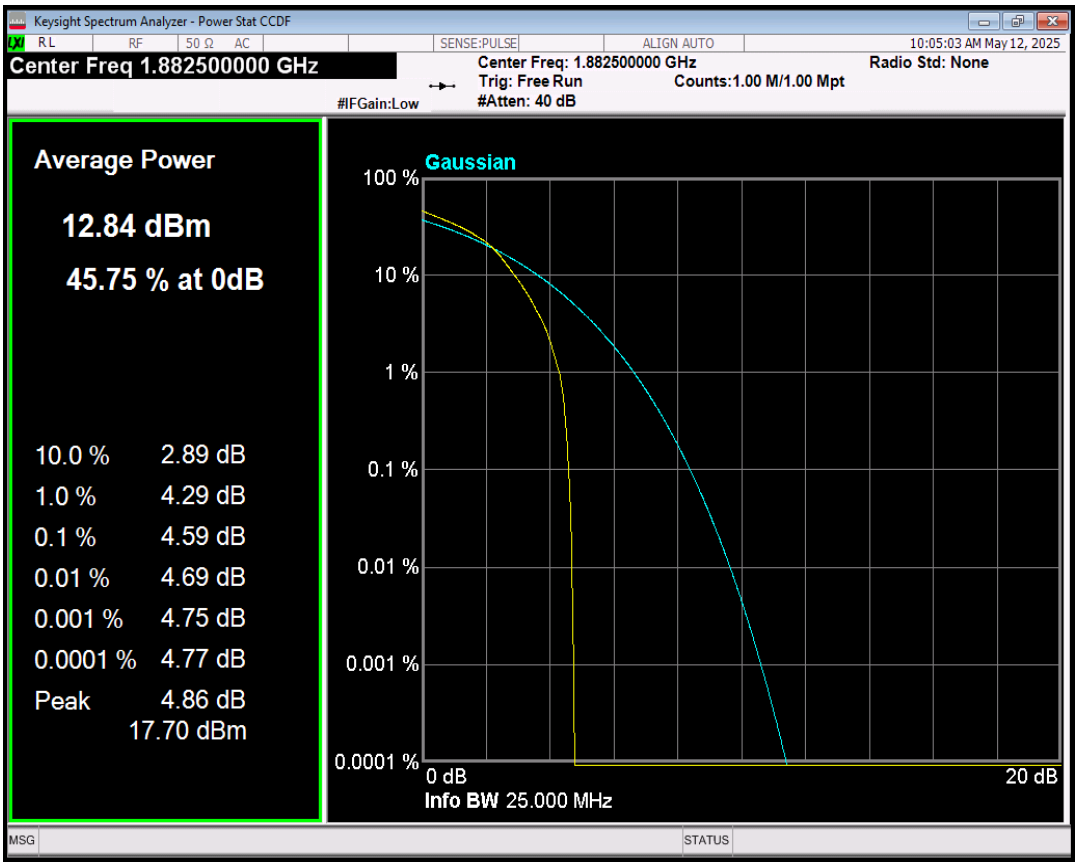

Band25 16QAM BW=3MHz Channel=26365 RB Size=1 Position=#0



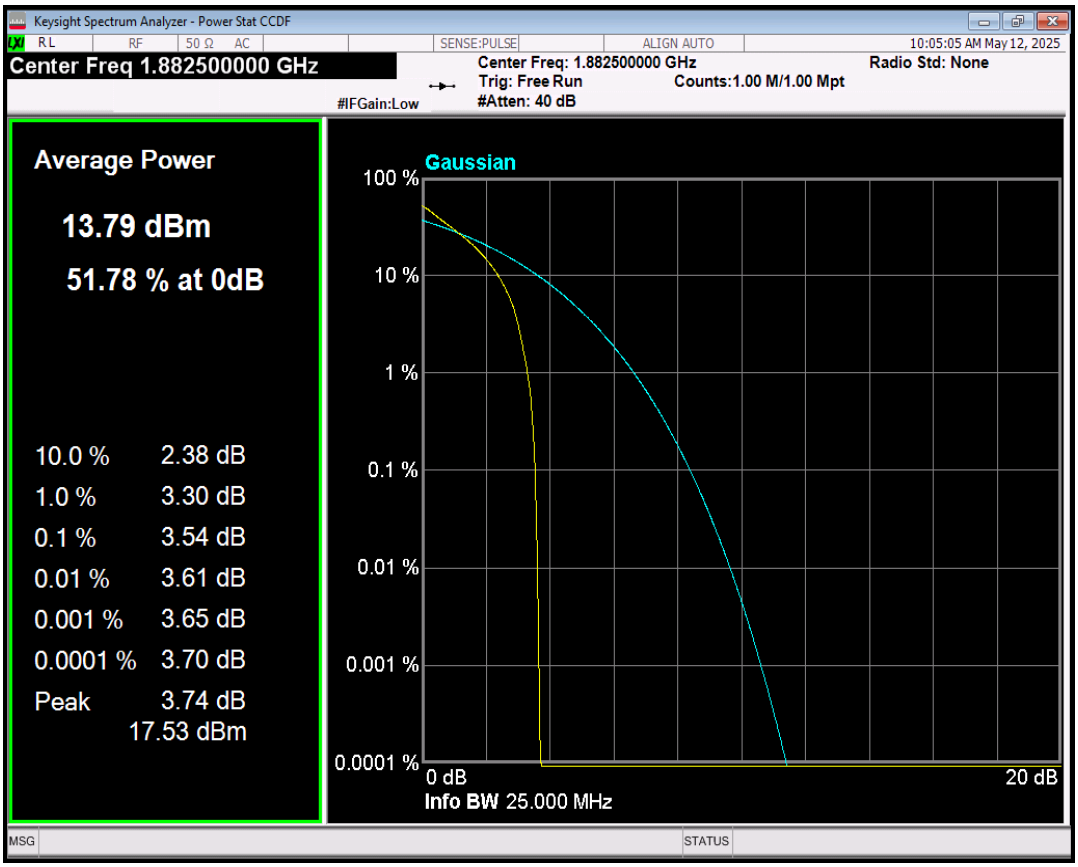

Band25 QPSK BW=5MHz Channel=26365 RB Size=1 Position=#0



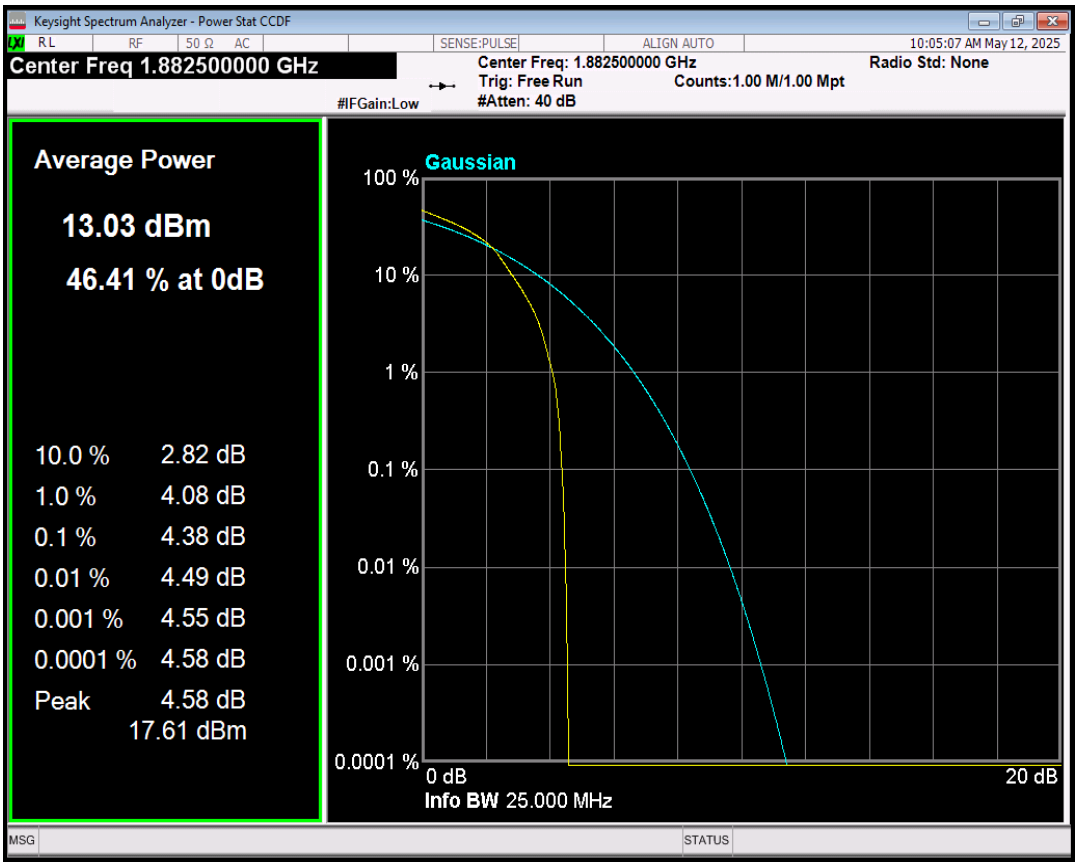

Band25 16QAM BW=5MHz Channel=26365 RB Size=1 Position=#0



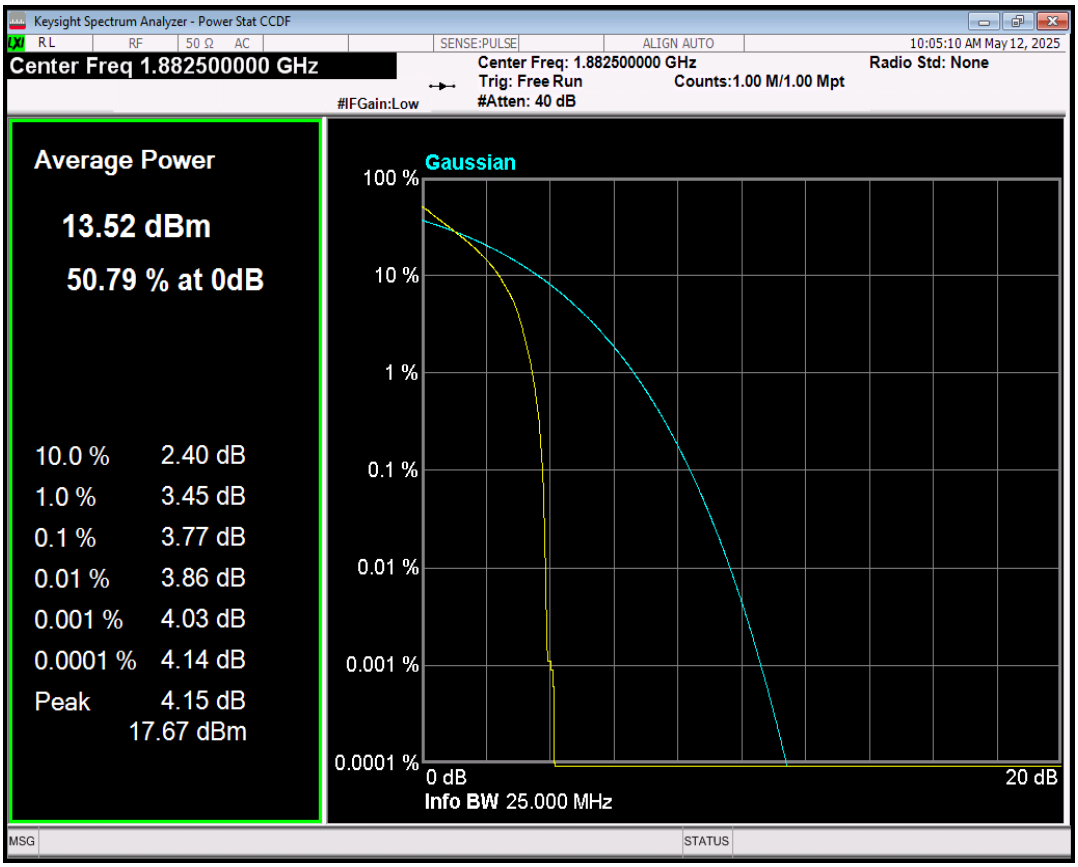

Band25 QPSK BW=10MHz Channel=26365 RB Size=1 Position=#0



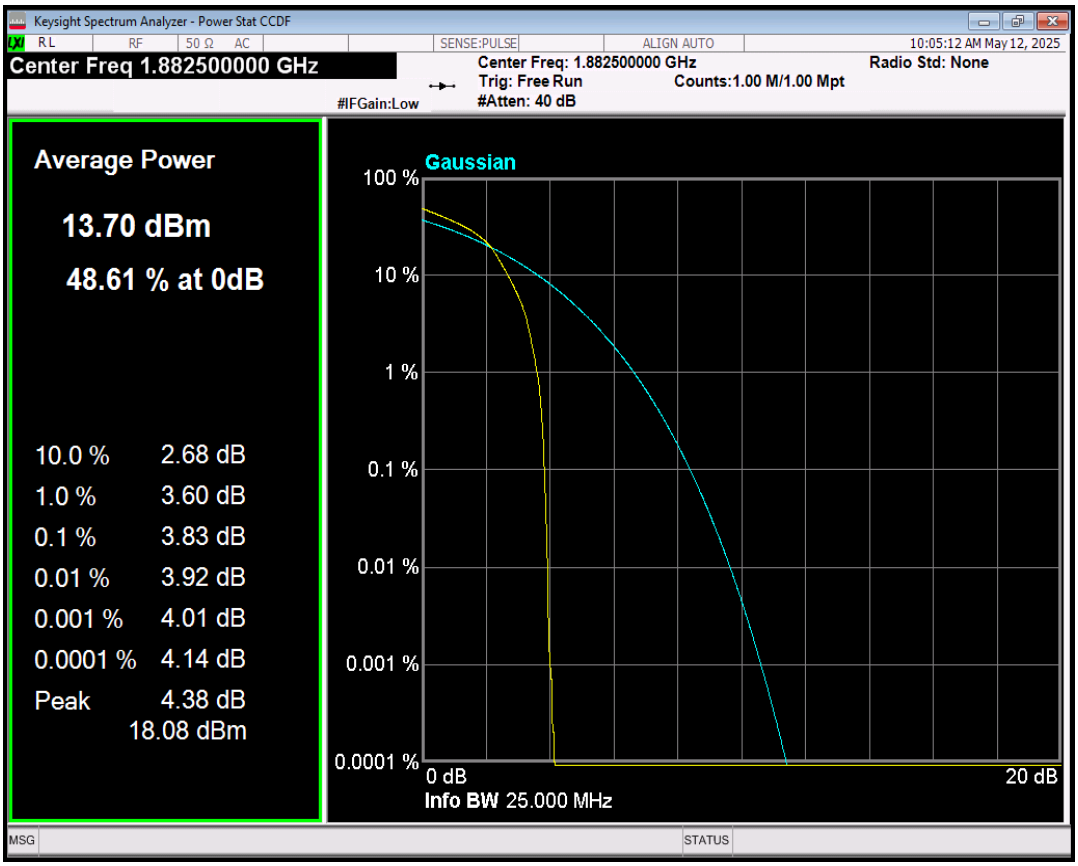

Band25 16QAM BW=10MHz Channel=26365 RB Size=1 Position=#0



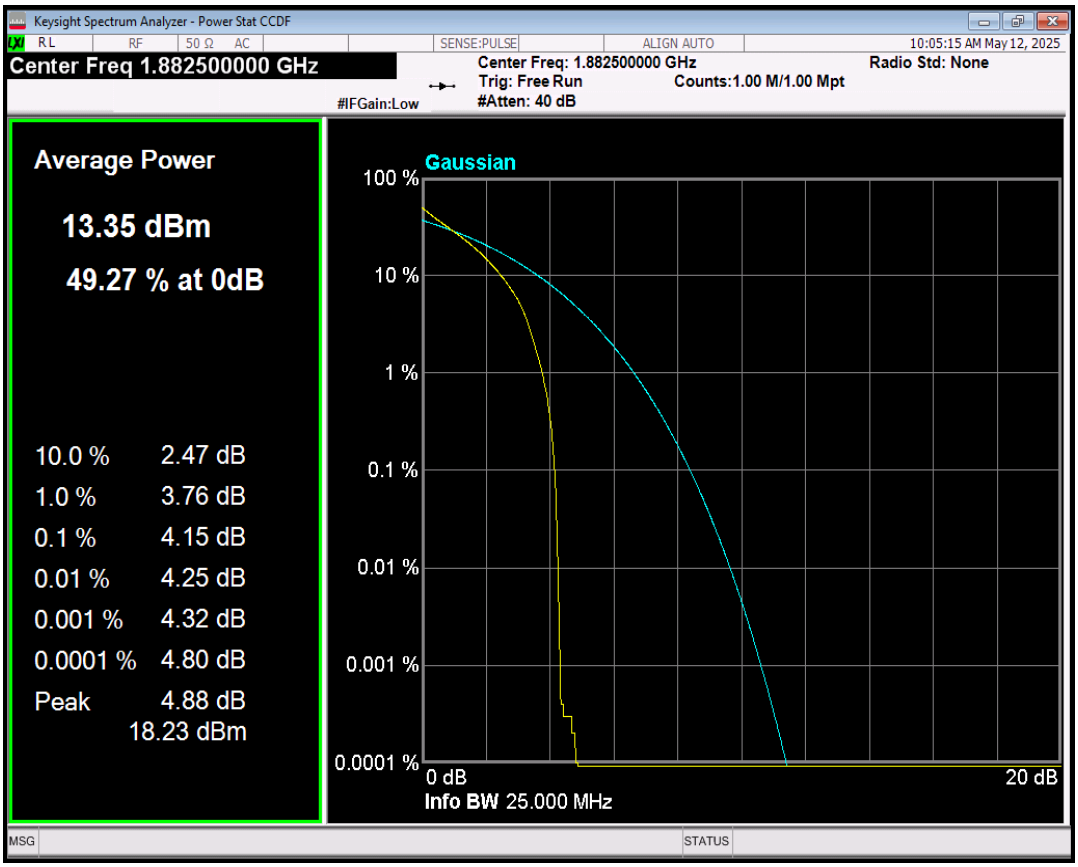

Band25 QPSK BW=15MHz Channel=26365 RB Size=1 Position=#0



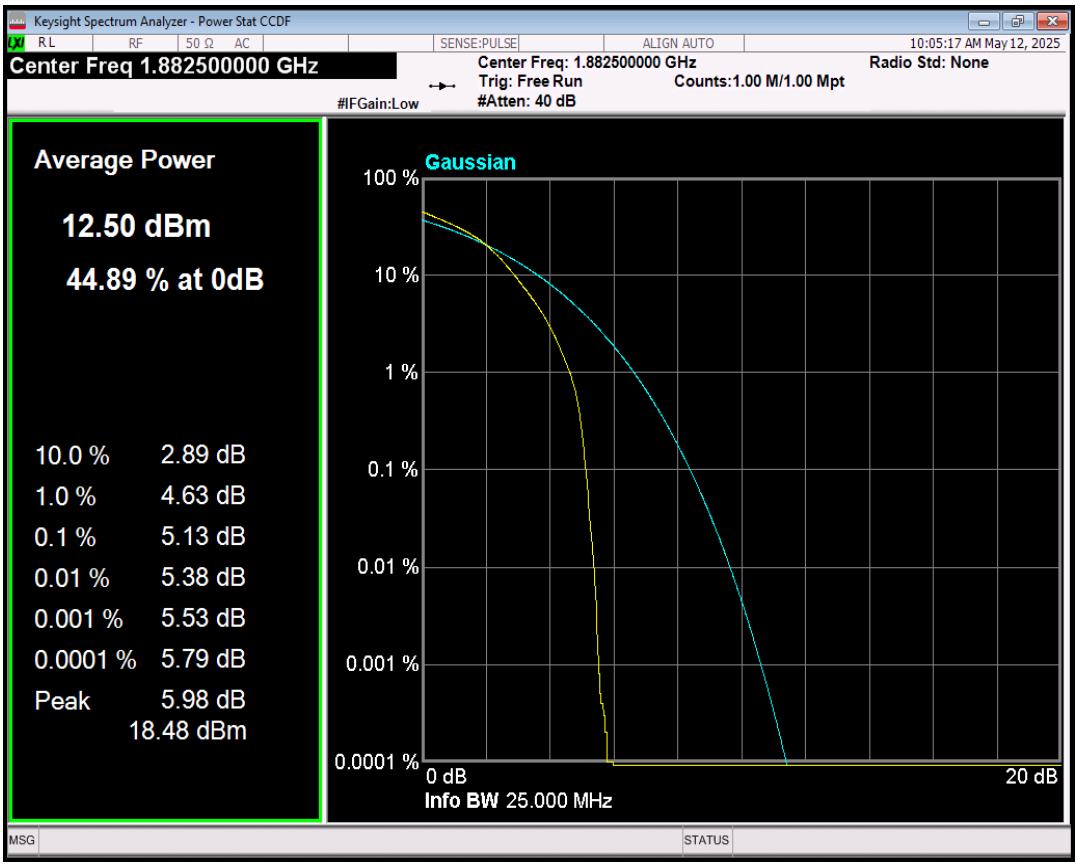

Band25 16QAM BW=15MHz Channel=26365 RB Size=1 Position=#0



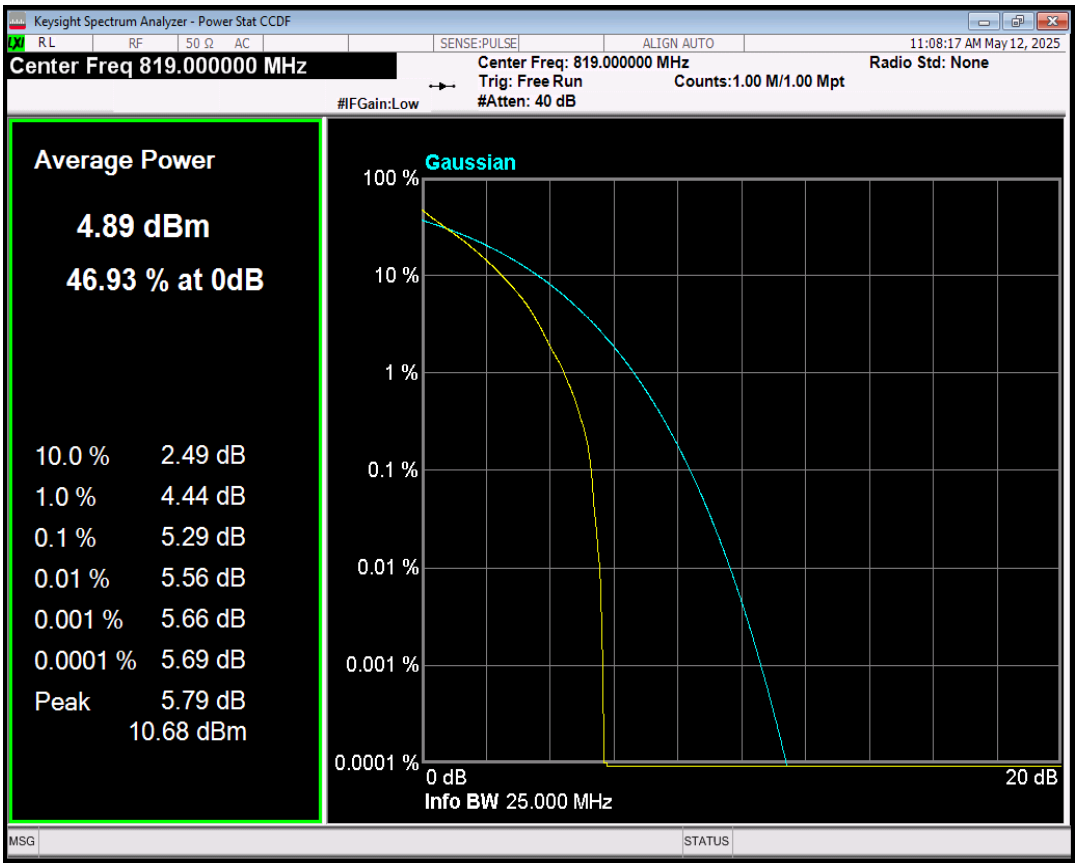

Band25 QPSK BW=20MHz Channel=26365 RB Size=1 Position=#0



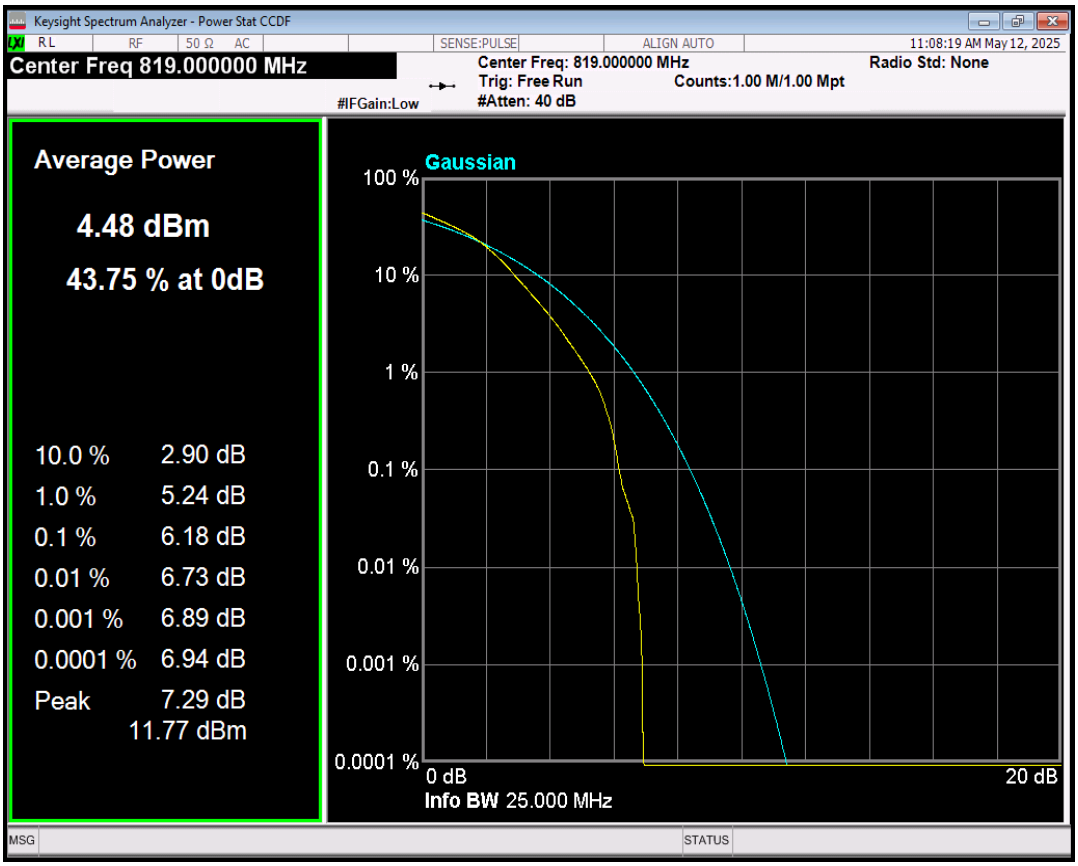

Band25 16QAM BW=20MHz Channel=26365 RB Size=1 Position=#0



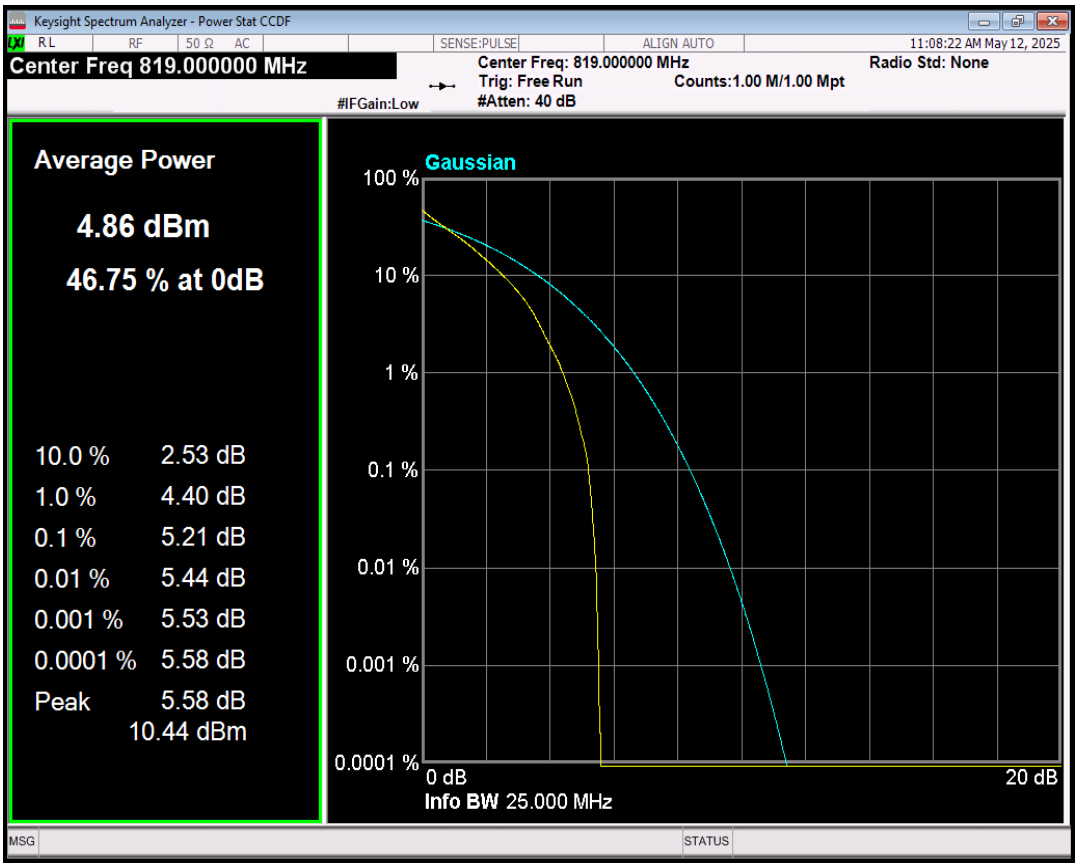

Band26(814-824) QPSK BW=1.4MHz Channel=26740 RB Size=1 Position=#0



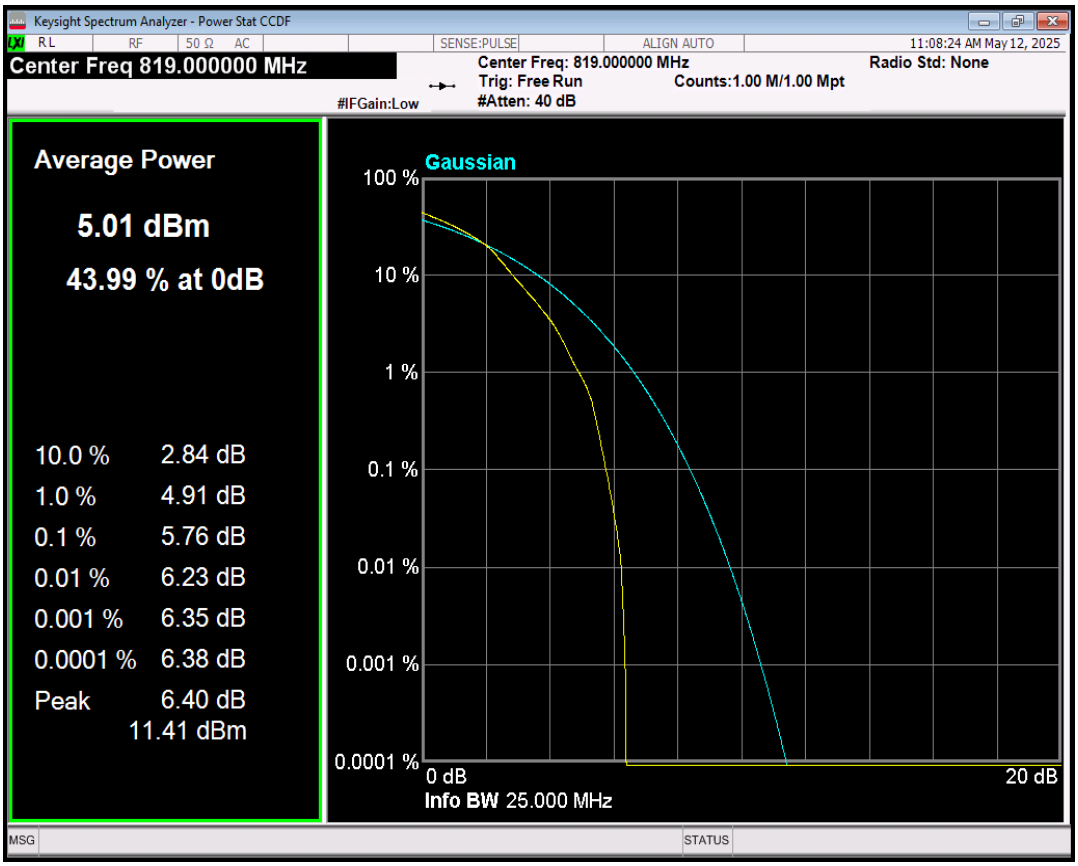

Band26(814-824) 16QAM BW=1.4MHz Channel=26740 RB Size=1 Position=#0



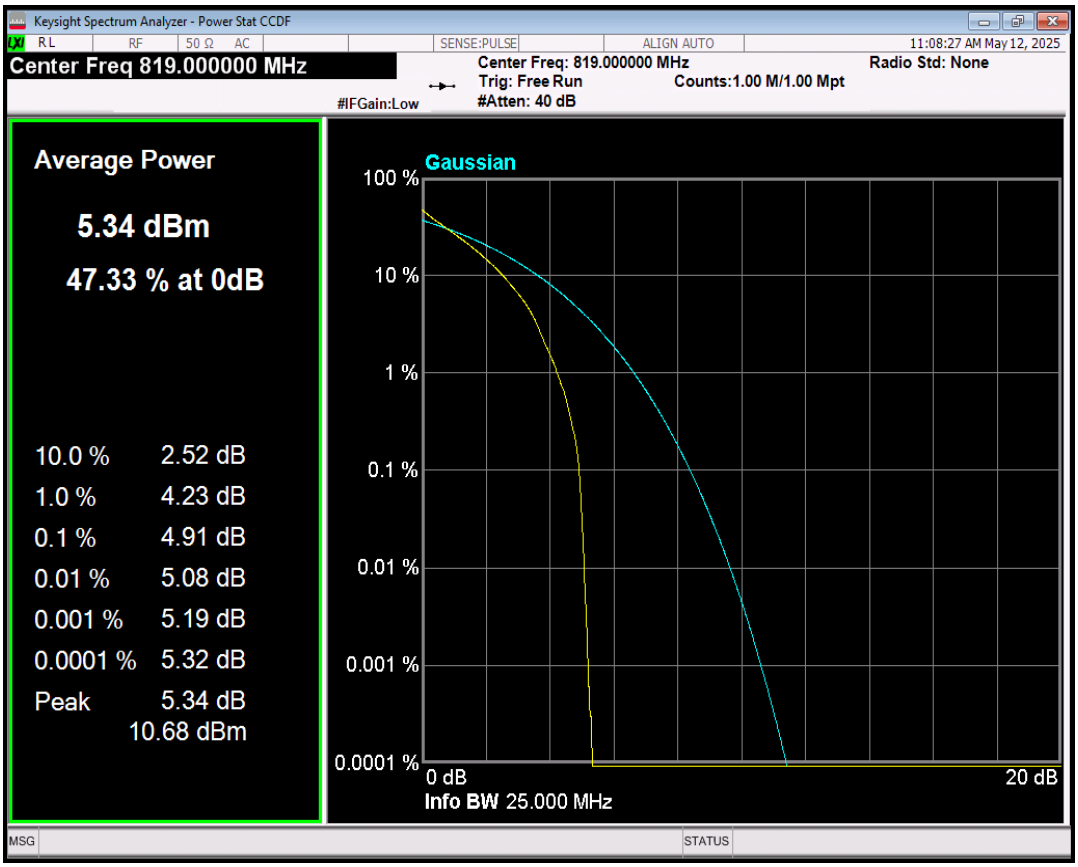

Band26(814-824) QPSK BW=3MHz Channel=26740 RB Size=1 Position=#0



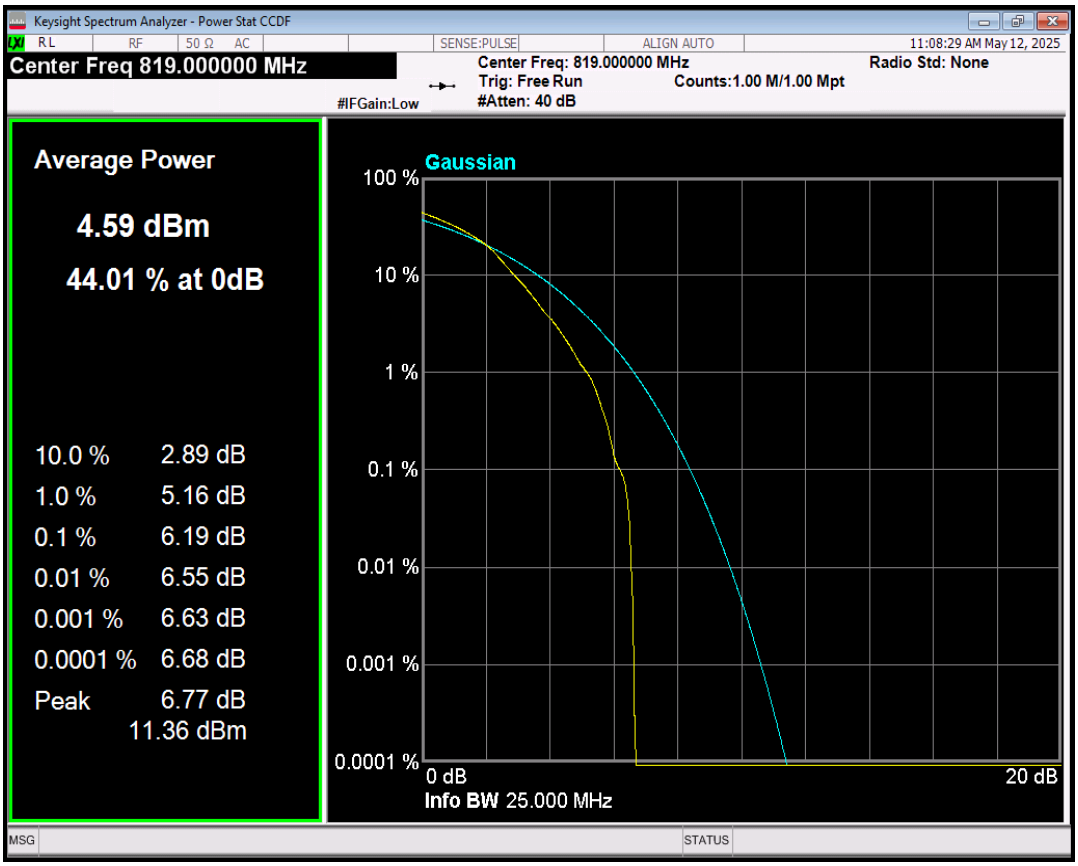

Band26(814-824) 16QAM BW=3MHz Channel=26740 RB Size=1 Position=#0



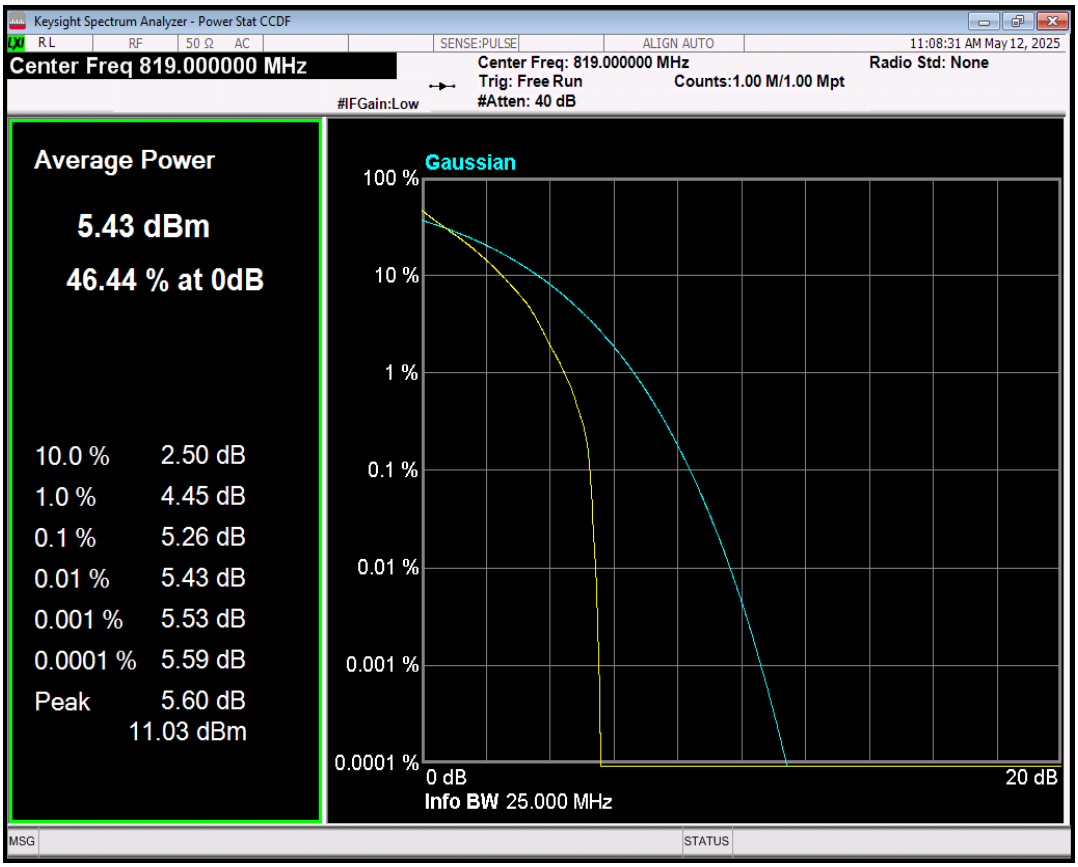

Band26(814-824) QPSK BW=5MHz Channel=26740 RB Size=1 Position=#0



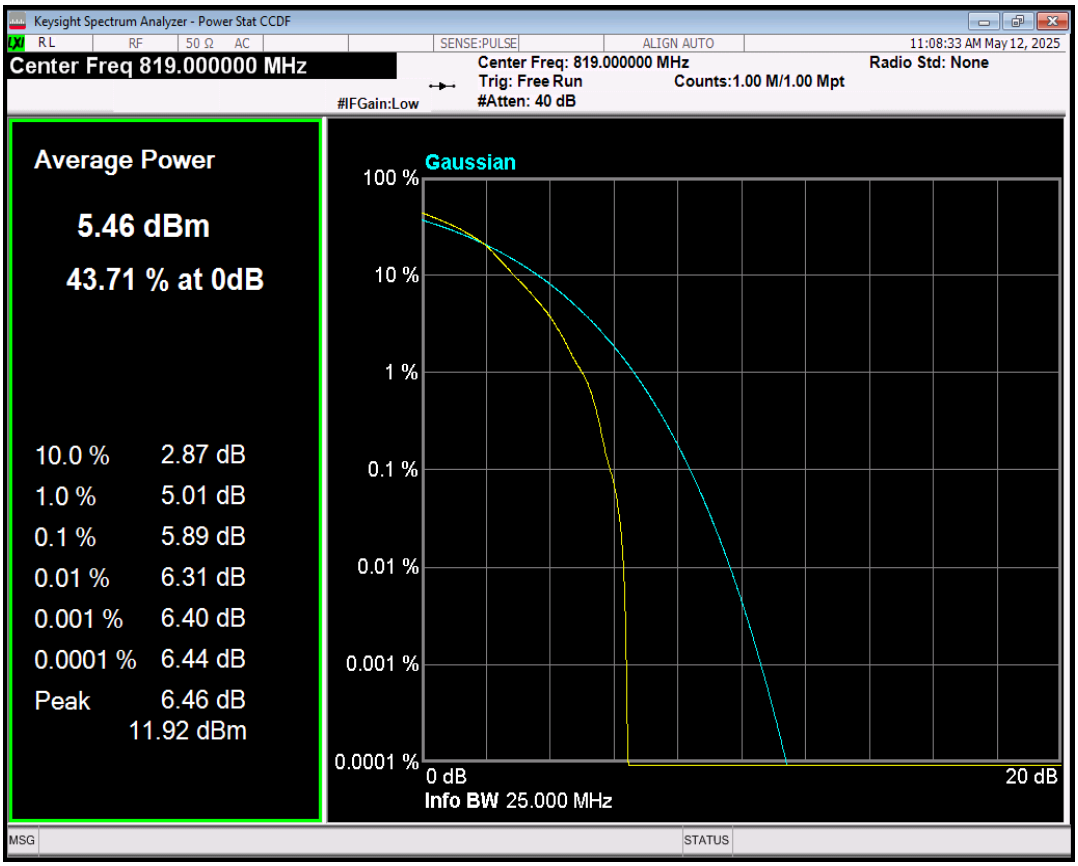

Band26(814-824) 16QAM BW=5MHz Channel=26740 RB Size=1 Position=#0



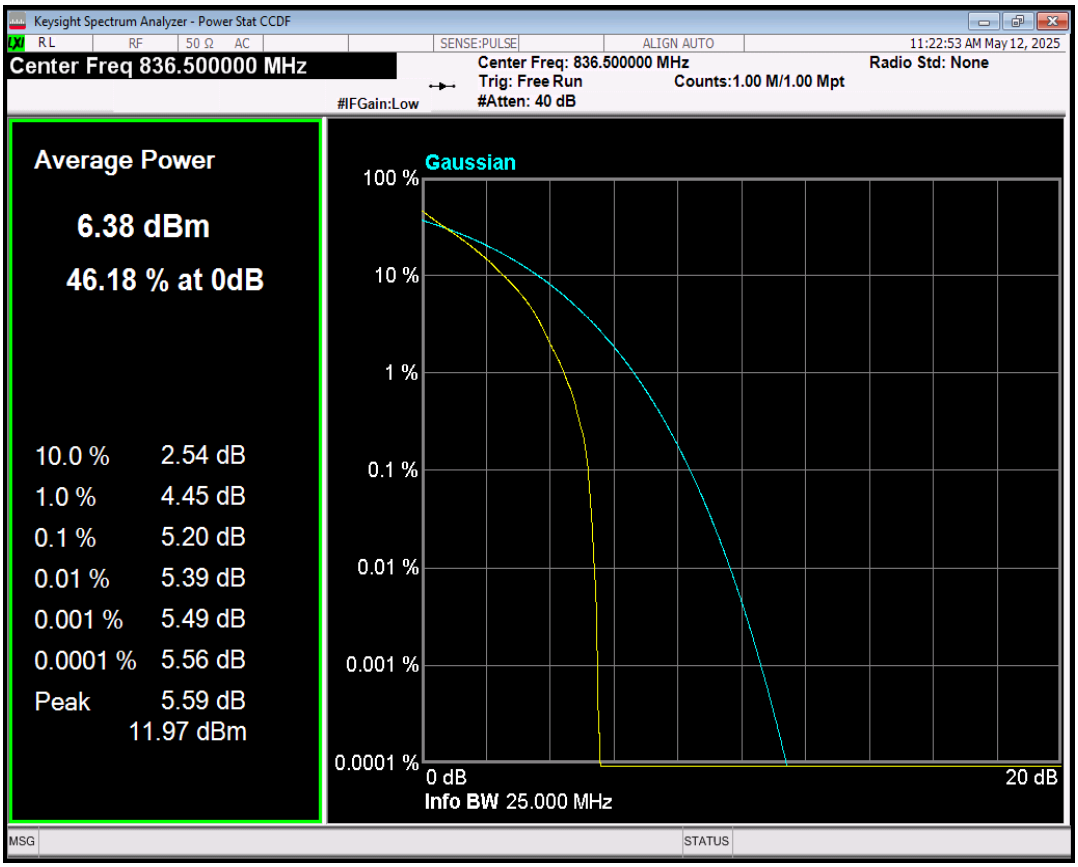

Band26(814-824) QPSK BW=10MHz Channel=26740 RB Size=1 Position=#0



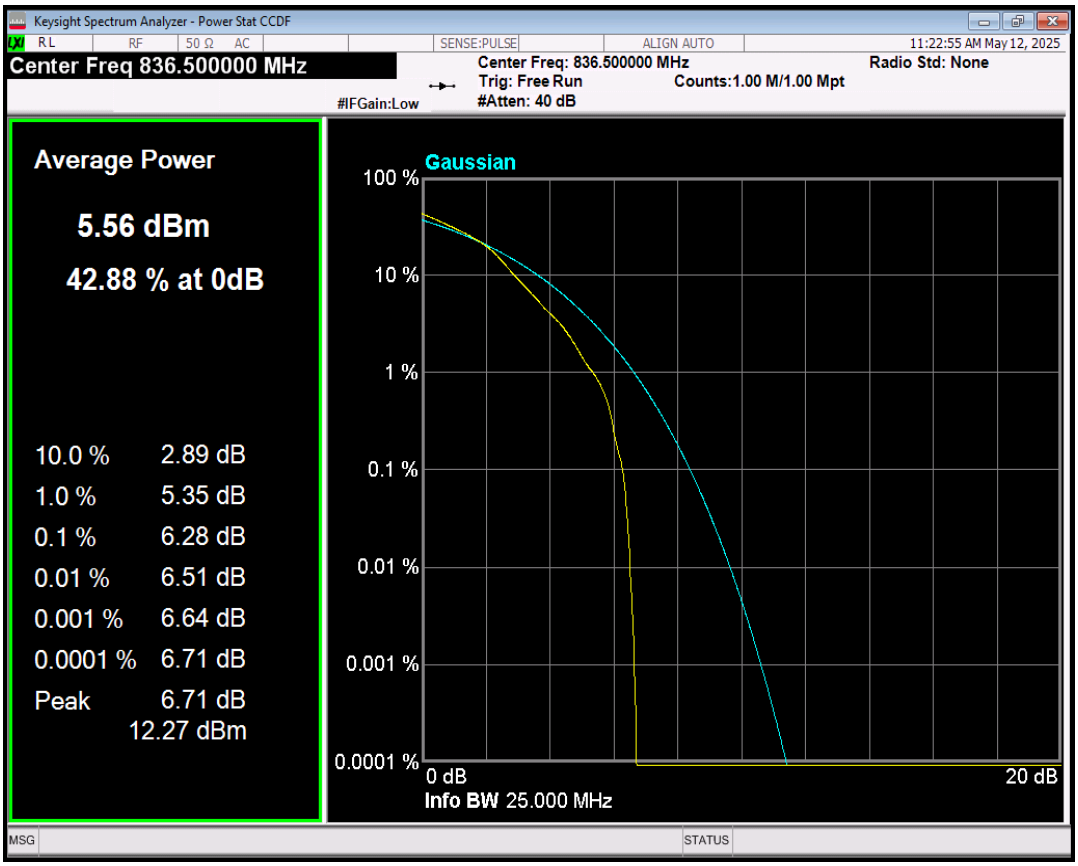

Band26(814-824) 16QAM BW=10MHz Channel=26740 RB Size=1 Position=#0



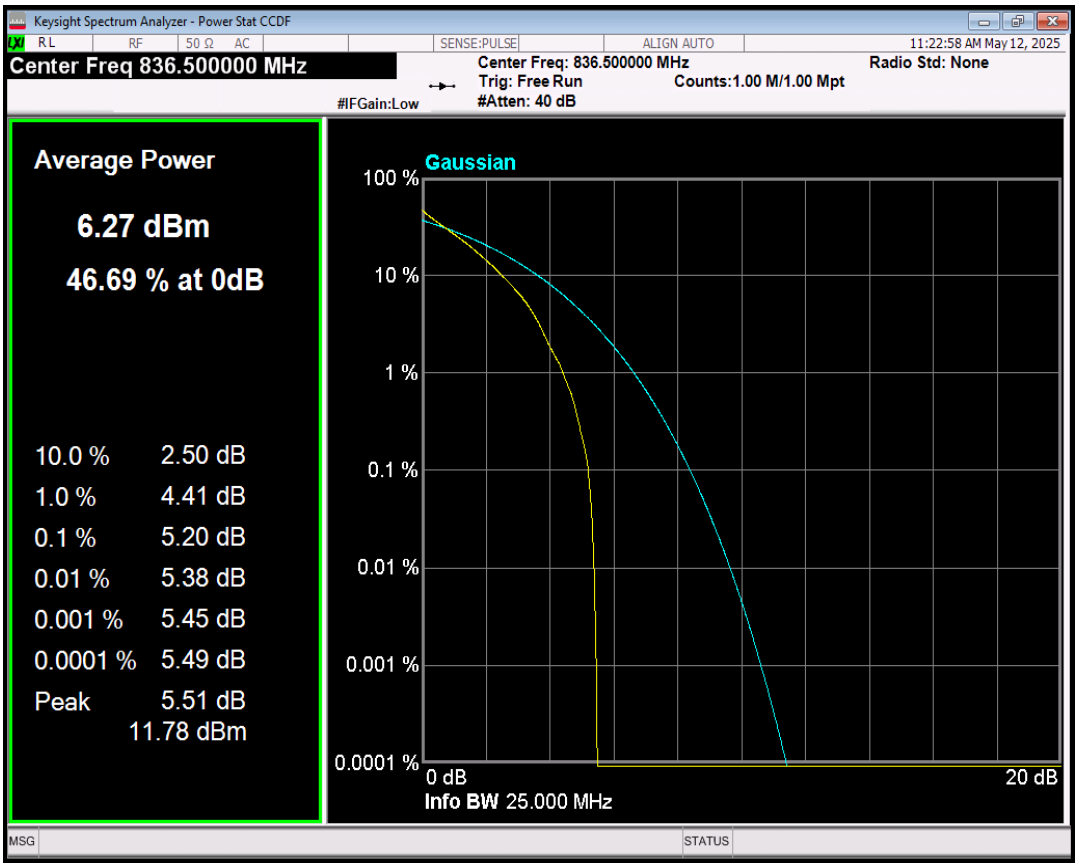

Band26(824-849) QPSK BW=1.4MHz Channel=26915 RB Size=1 Position=#0



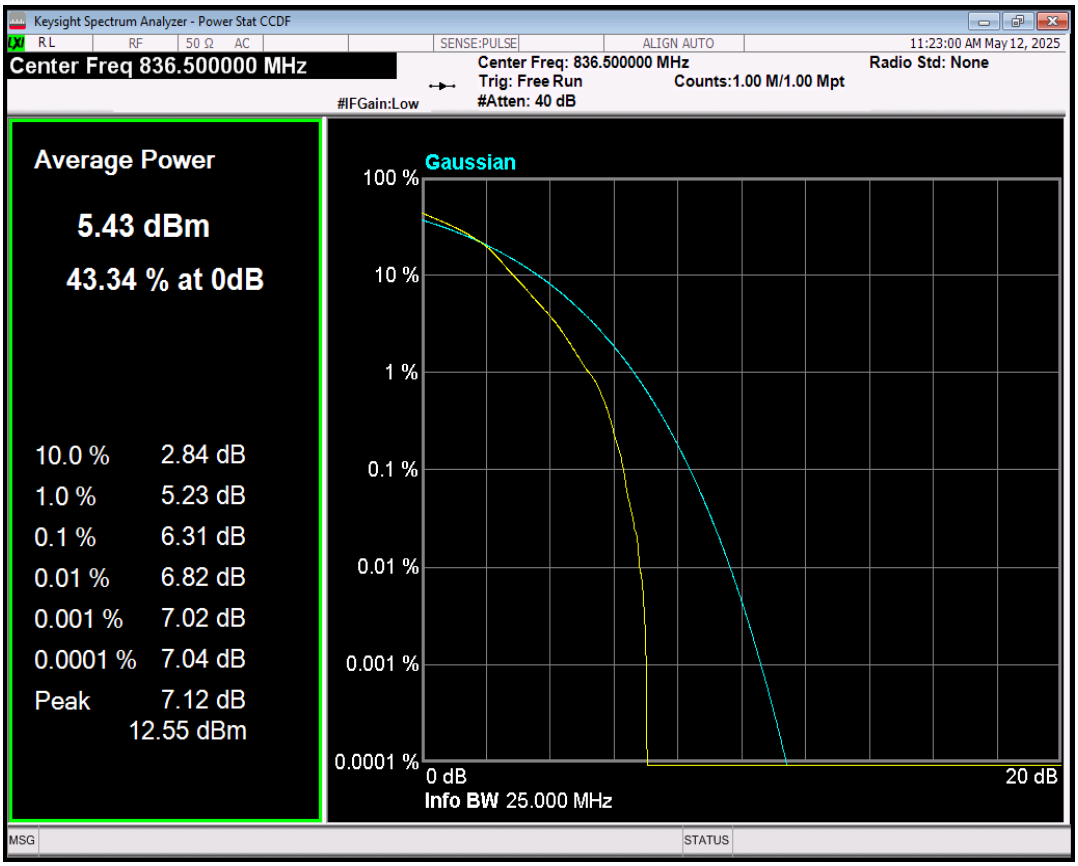

Band26(824-849) 16QAM BW=1.4MHz Channel=26915 RB Size=1 Position=#0



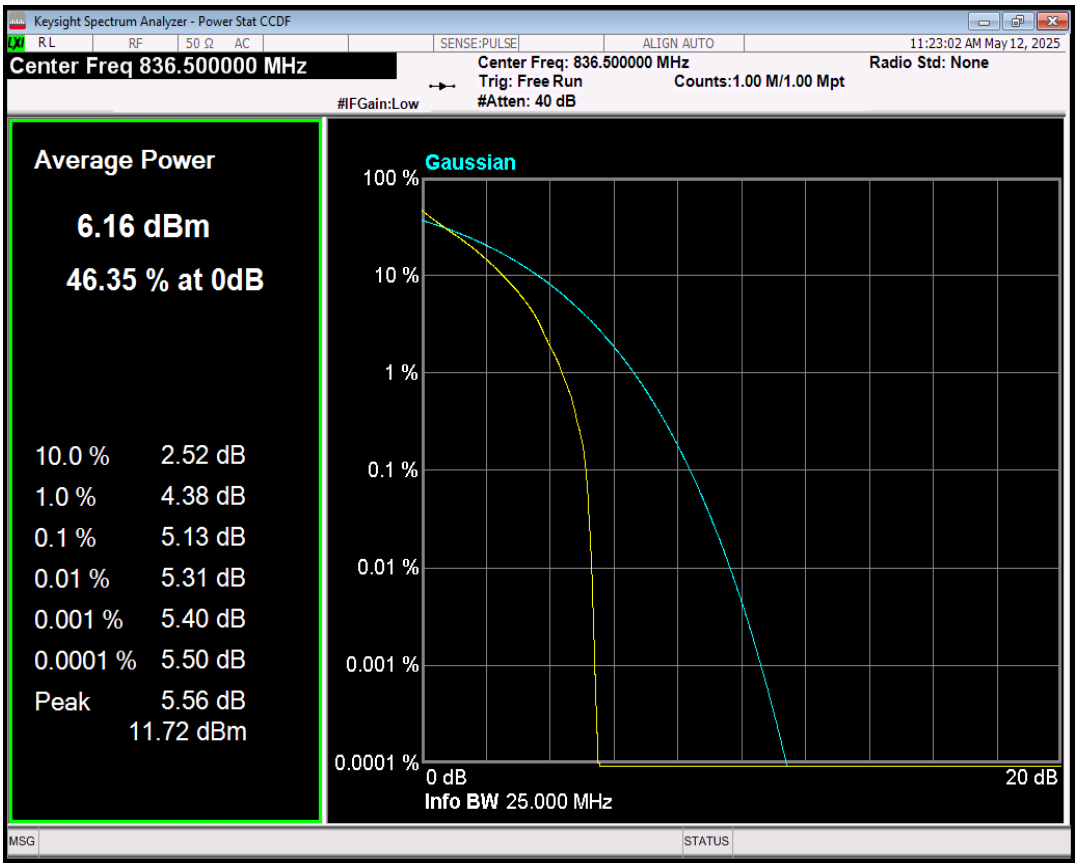

Band26(824-849) QPSK BW=3MHz Channel=26915 RB Size=1 Position=#0



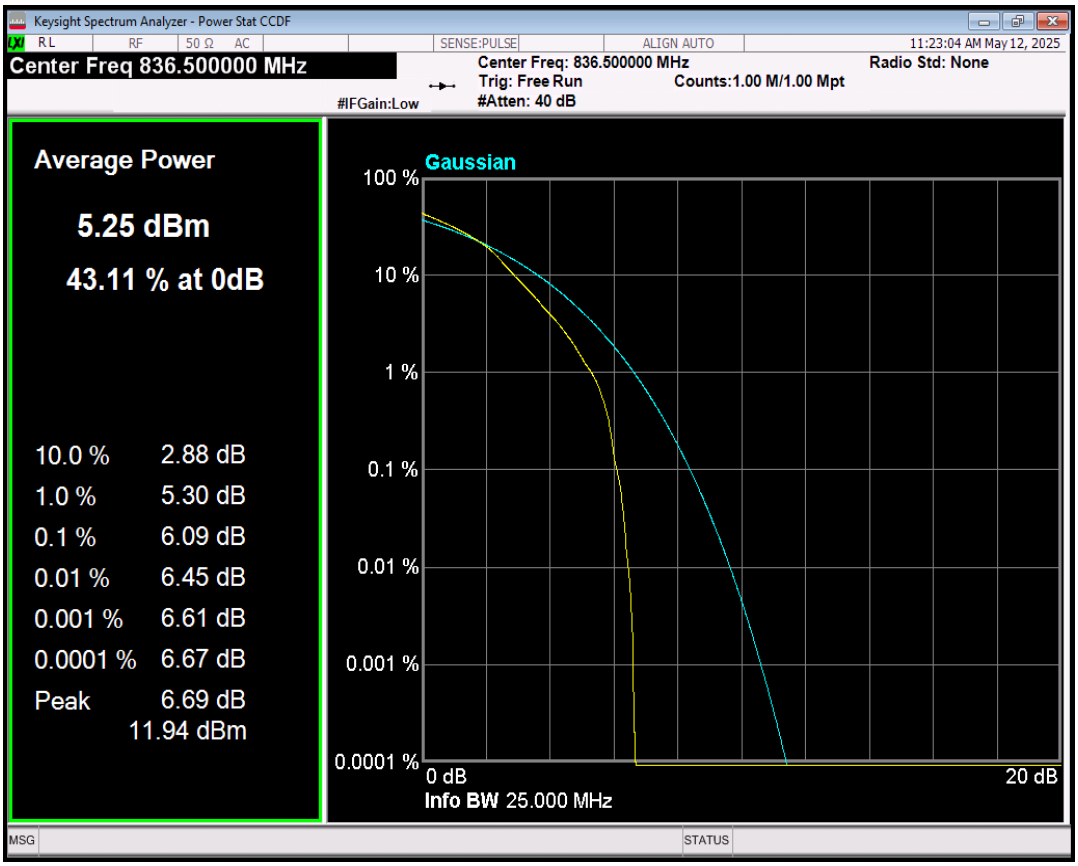

Band26(824-849) 16QAM BW=3MHz Channel=26915 RB Size=1 Position=#0



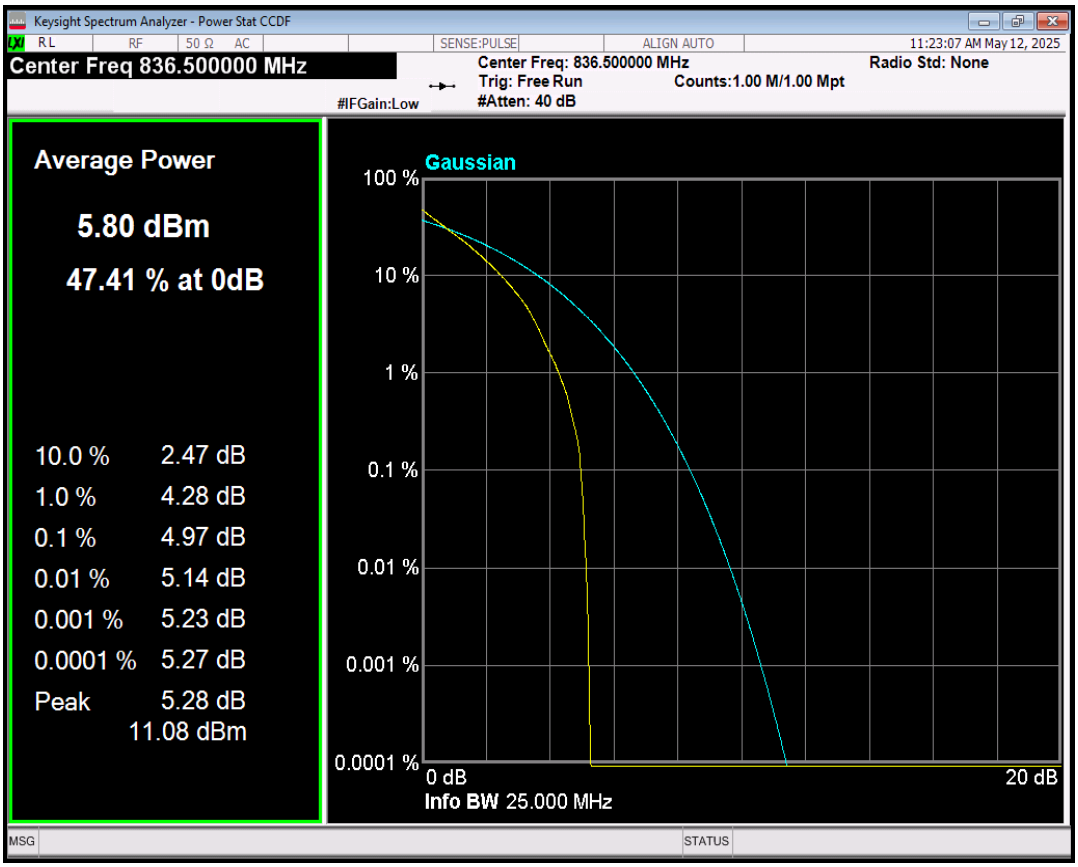

Band26(824-849) QPSK BW=5MHz Channel=26915 RB Size=1 Position=#0



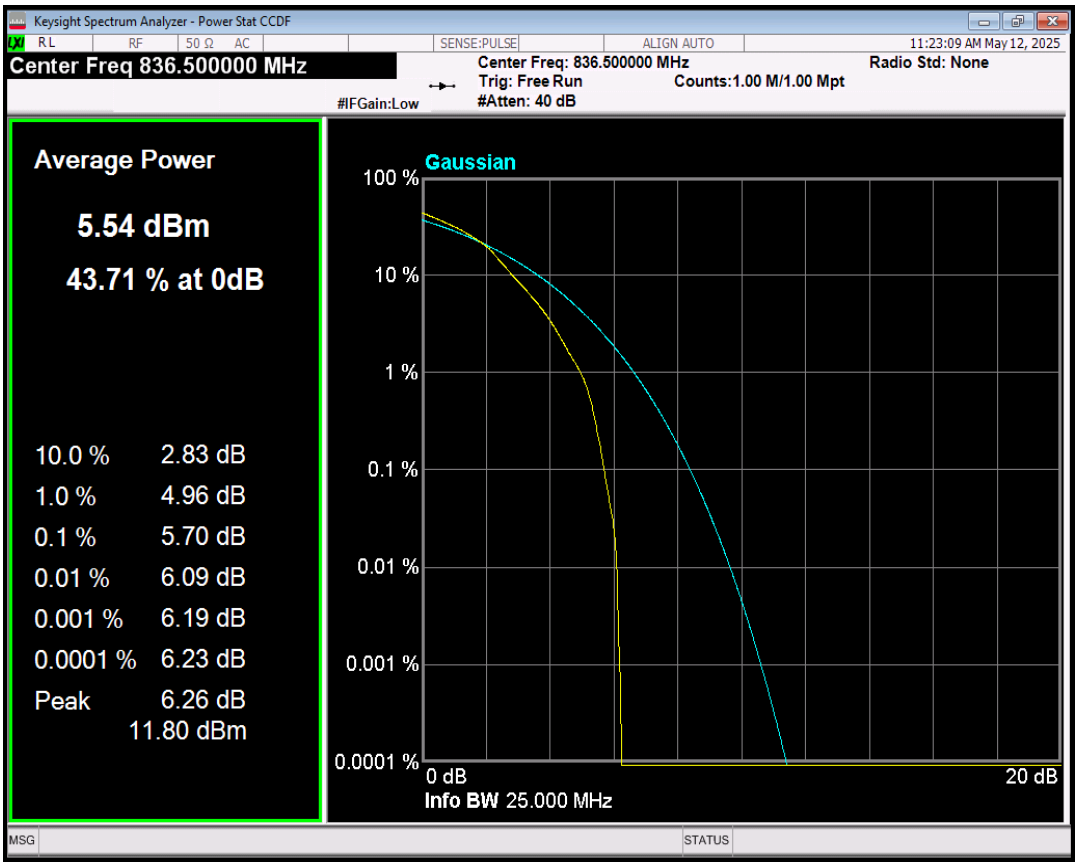

Band26(824-849) 16QAM BW=5MHz Channel=26915 RB Size=1 Position=#0



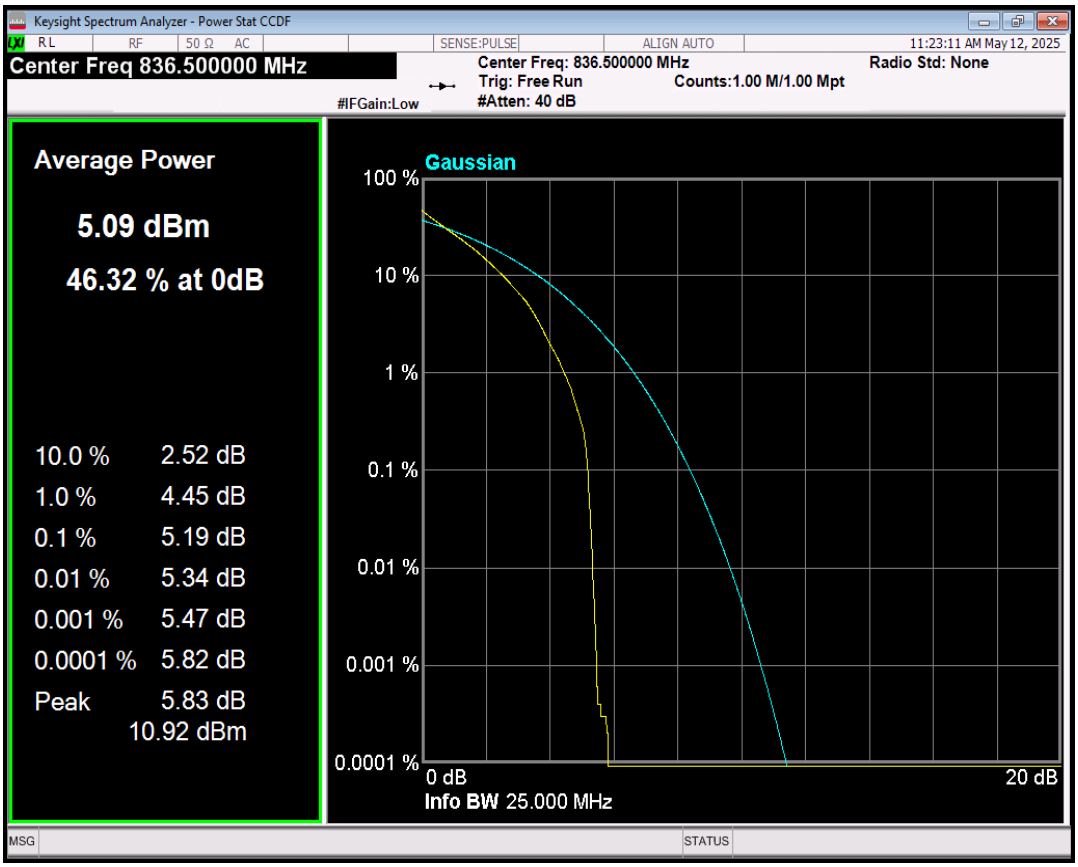

Band26(824-849) QPSK BW=10MHz Channel=26915 RB Size=1 Position=#0



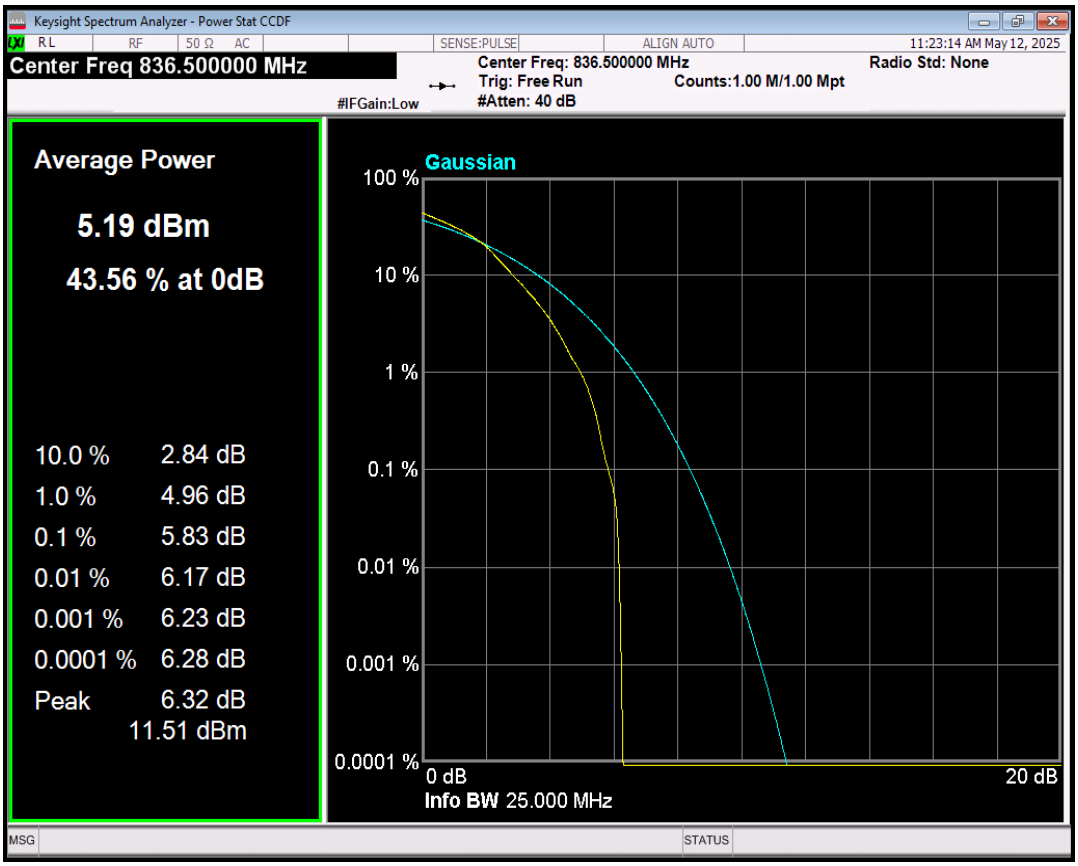

Band26(824-849) 16QAM BW=10MHz Channel=26915 RB Size=1 Position=#0



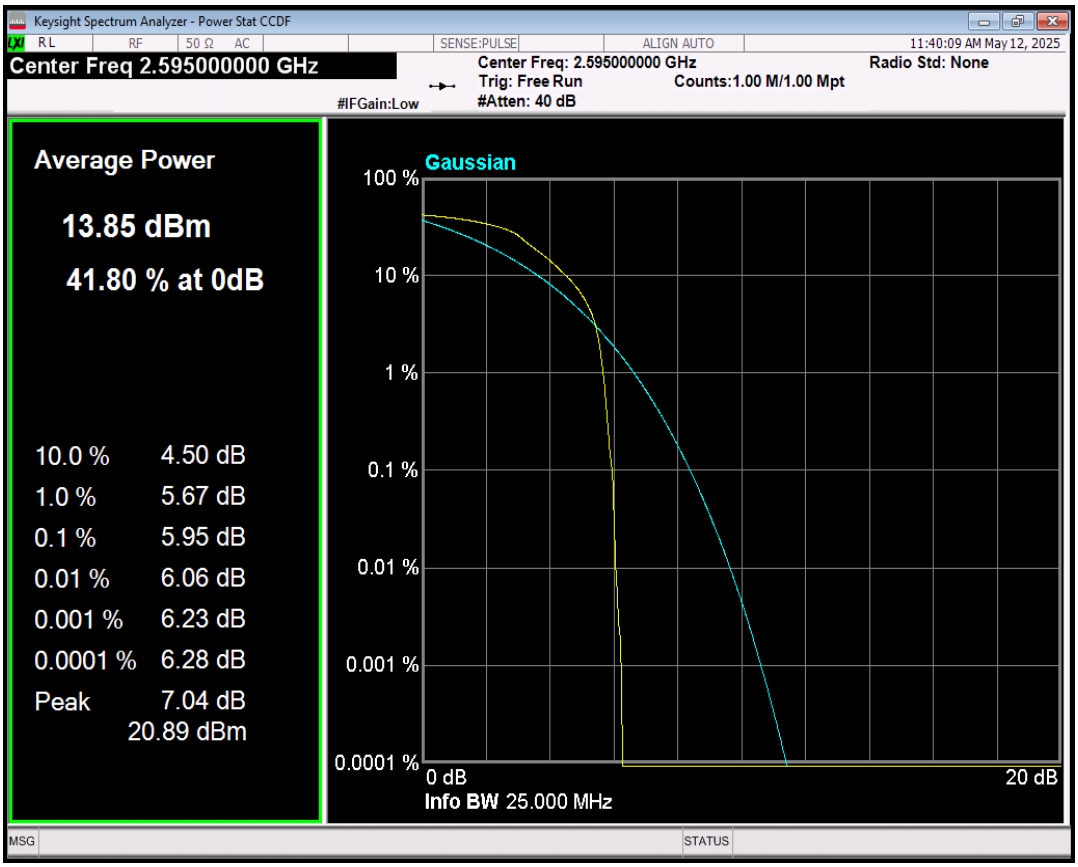

Band26(824-849) QPSK BW=15MHz Channel=26915 RB Size=1 Position=#0



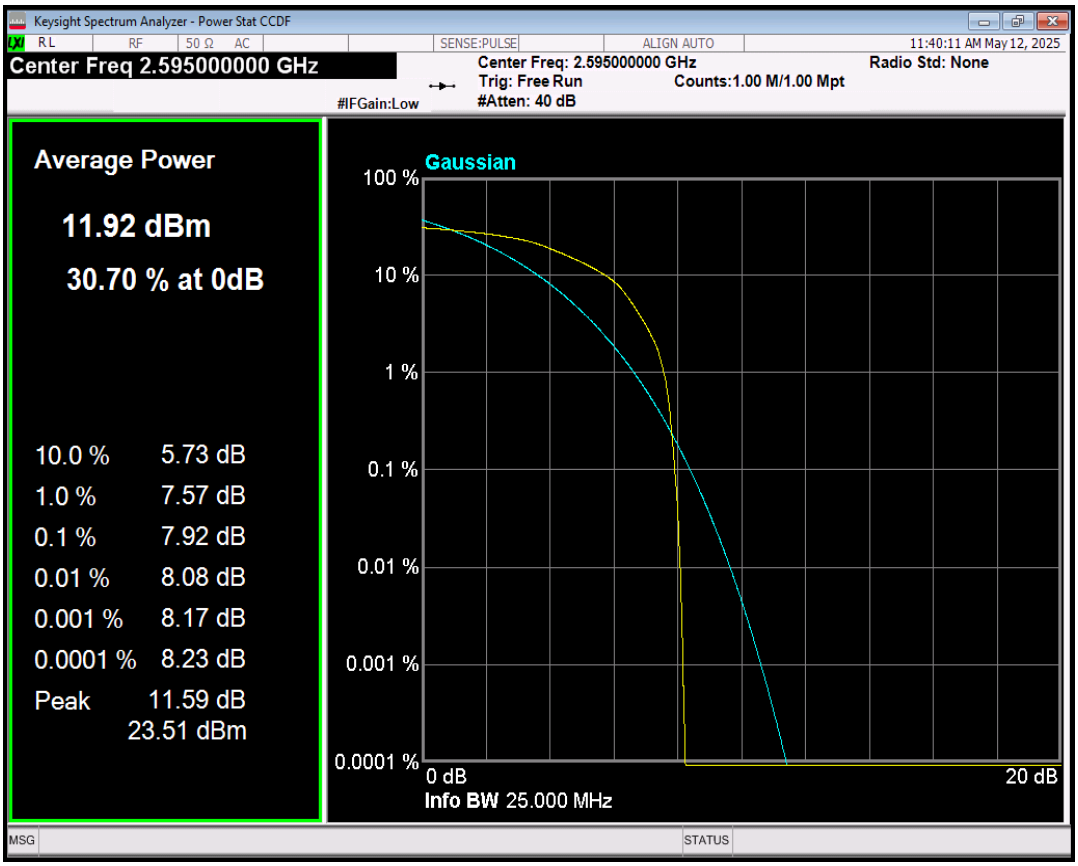

Band26(824-849) 16QAM BW=15MHz Channel=26915 RB Size=1 Position=#0



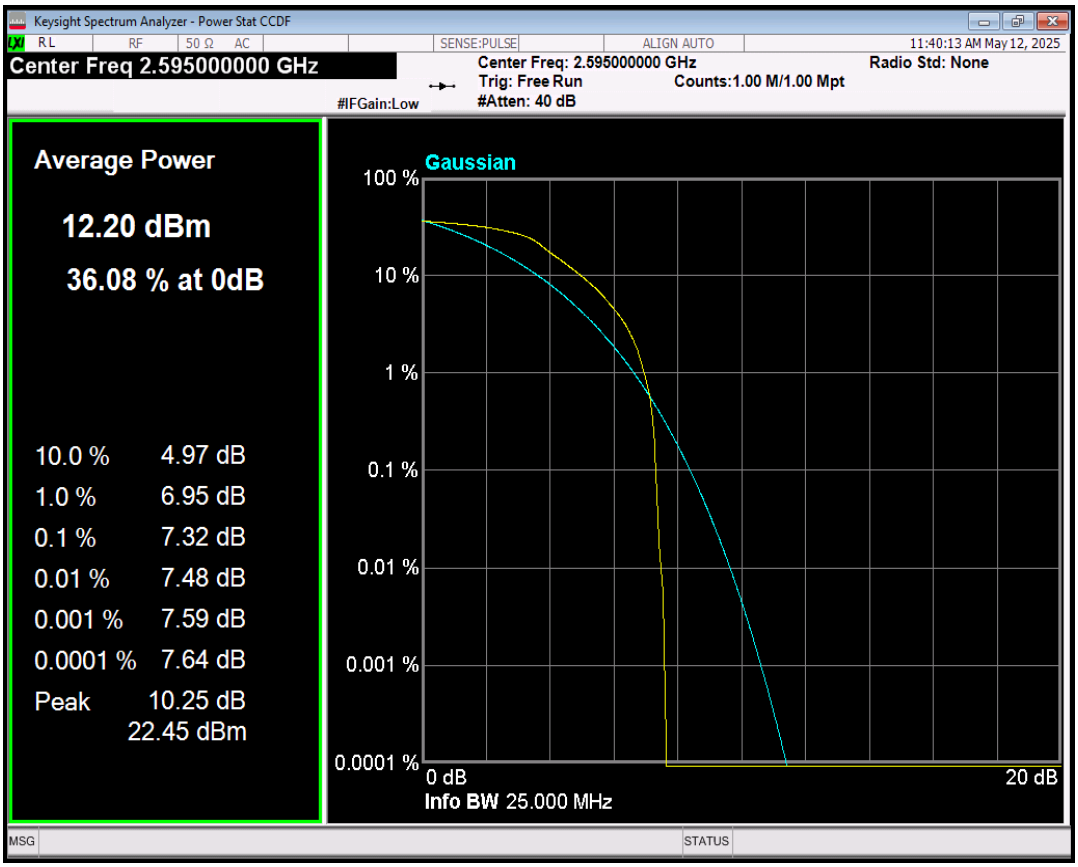

Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



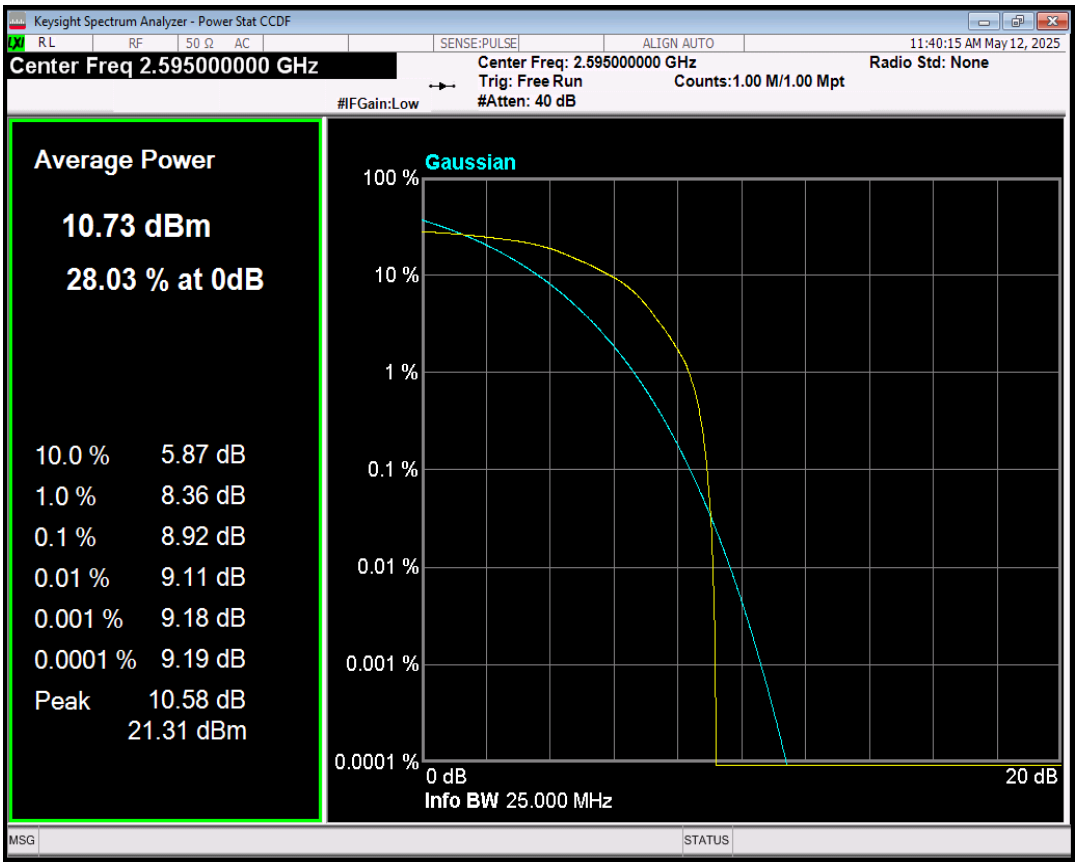

Band38 16QAM BW=5MHz Channel=38000 RB Size=1 Position=#0



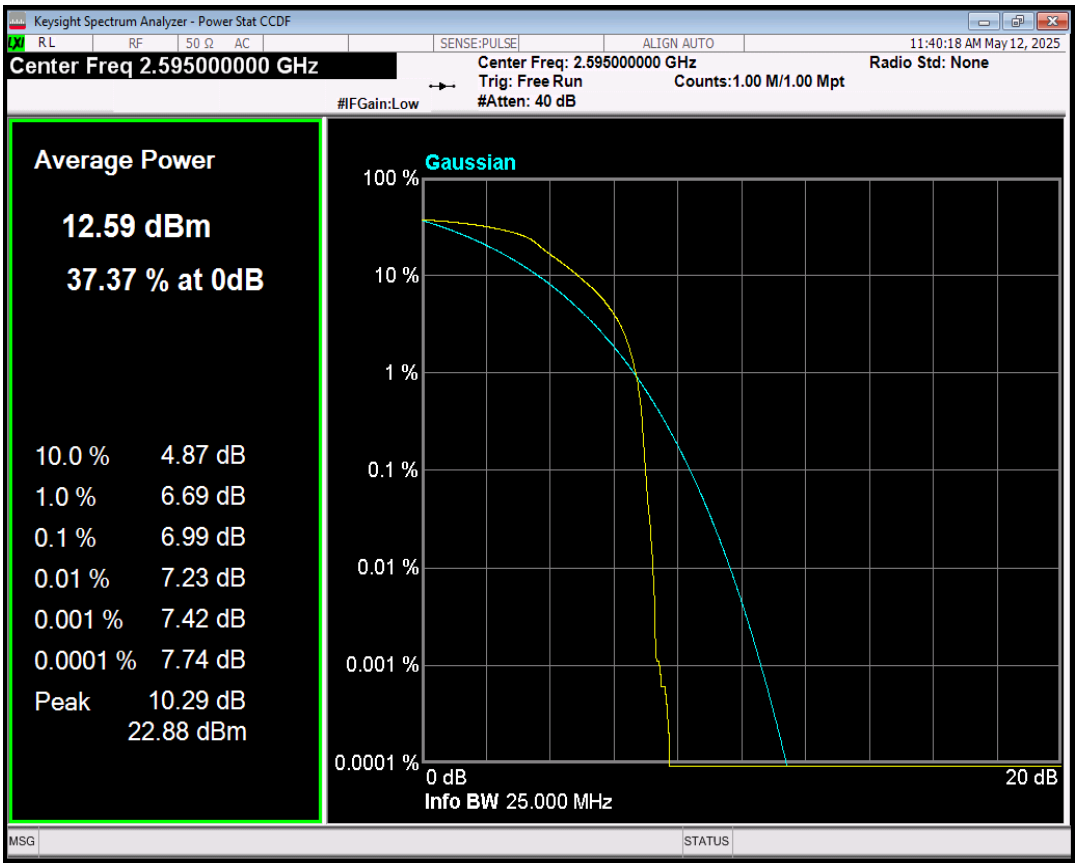

Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



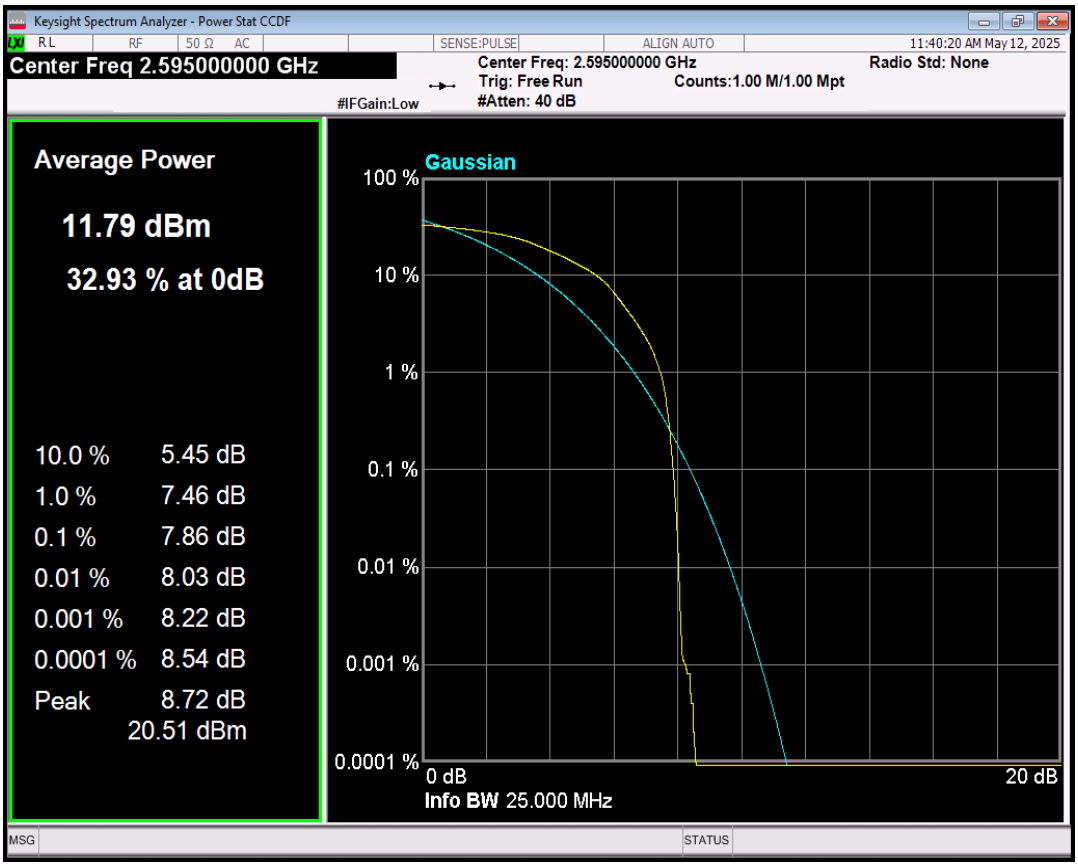

Band38 16QAM BW=10MHz Channel=38000 RB Size=1 Position=#0



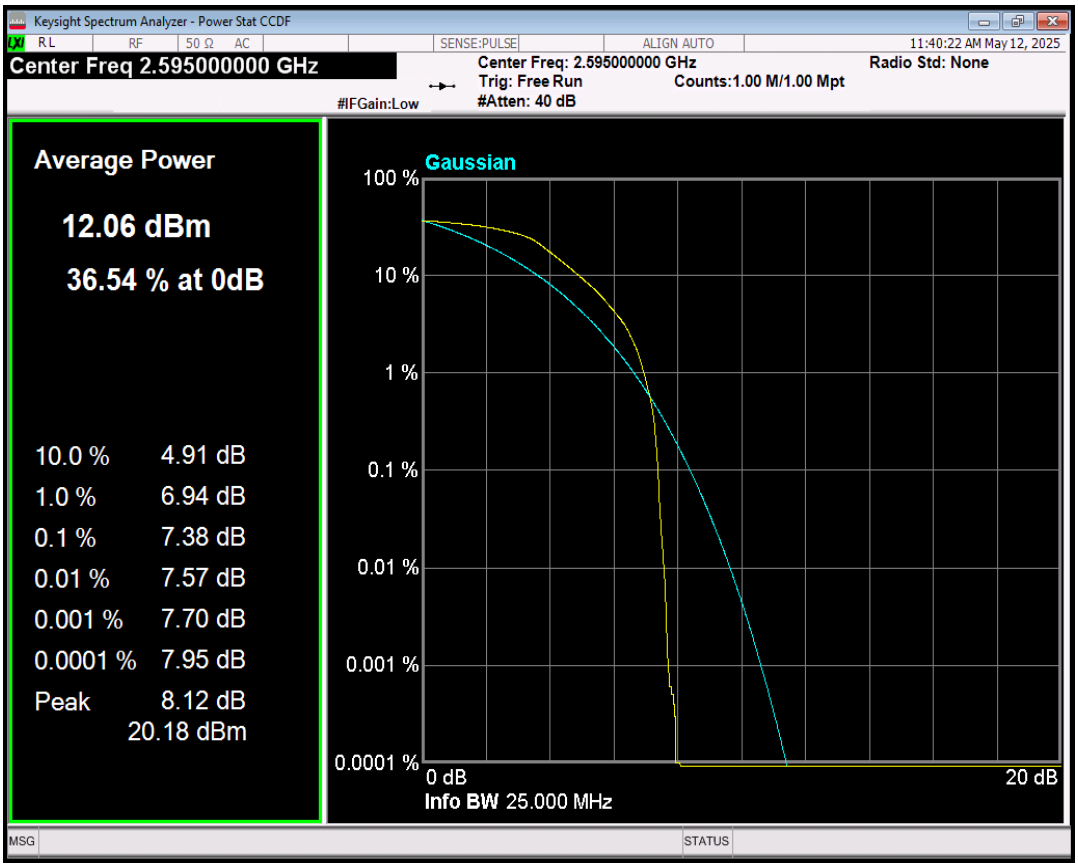

Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



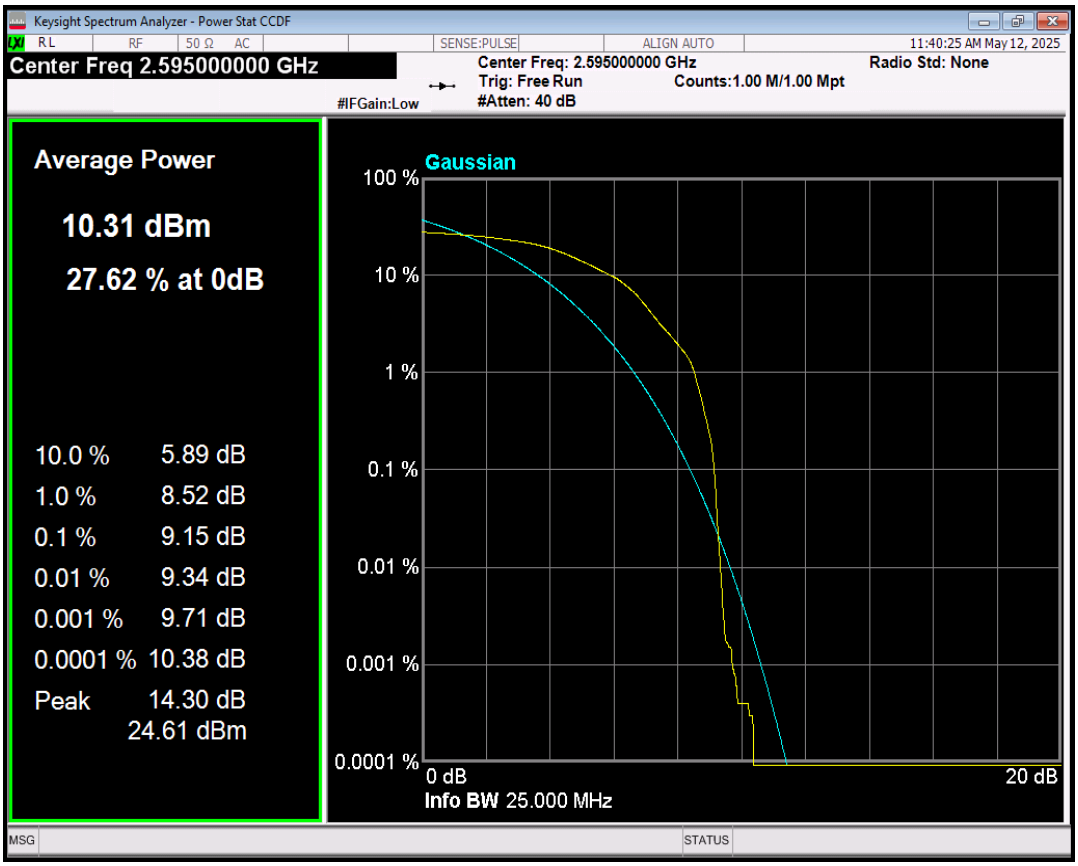

Band38 16QAM BW=15MHz Channel=38000 RB Size=1 Position=#0



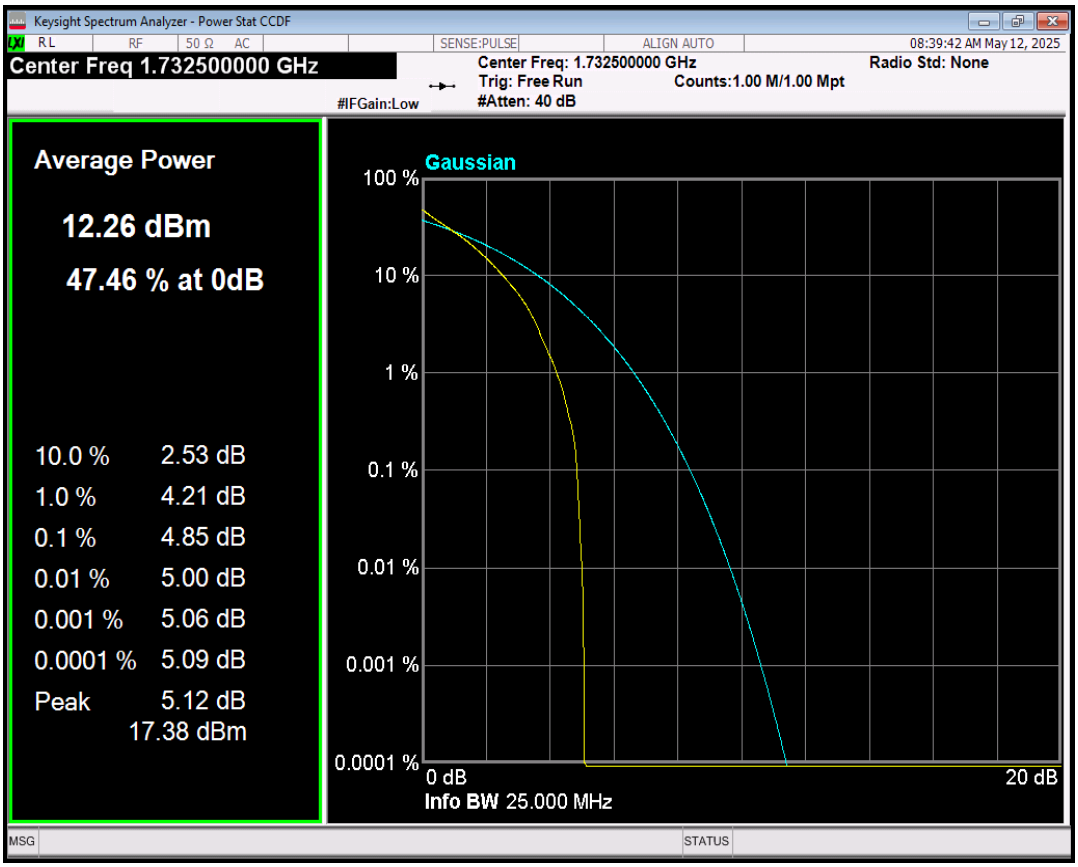

Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



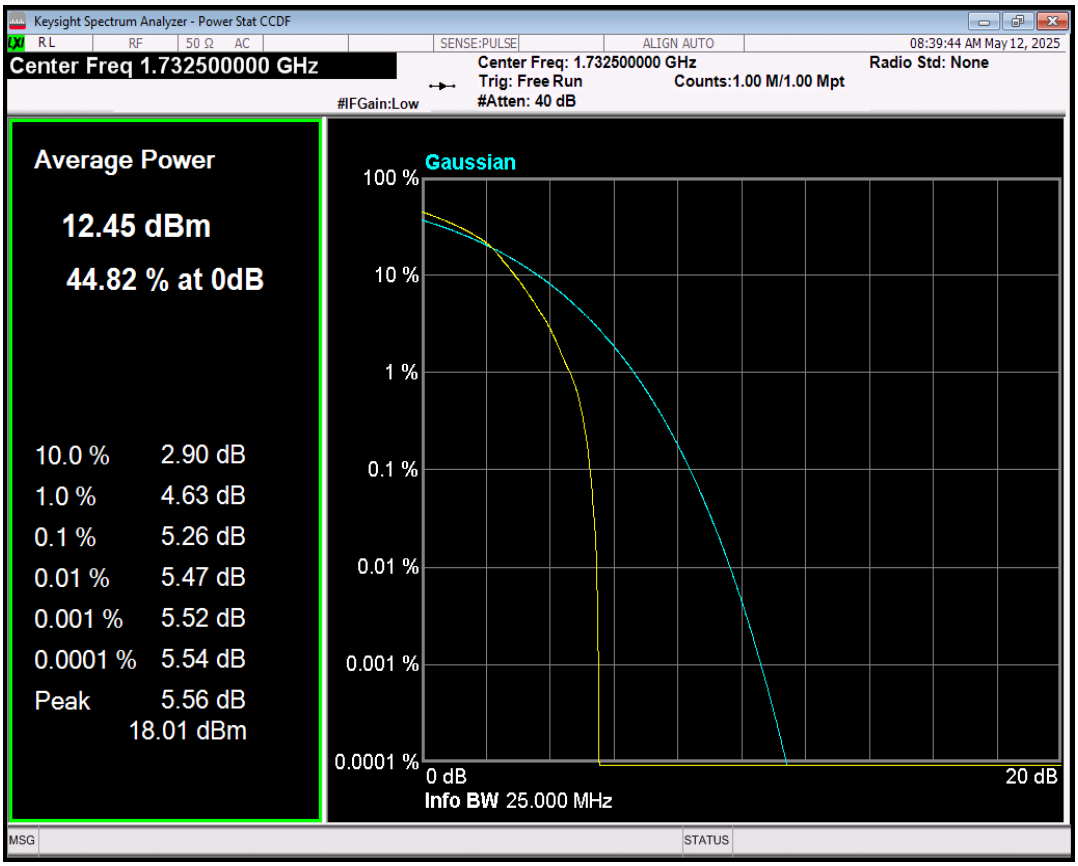

Band38 16QAM BW=20MHz Channel=38000 RB Size=1 Position=#0



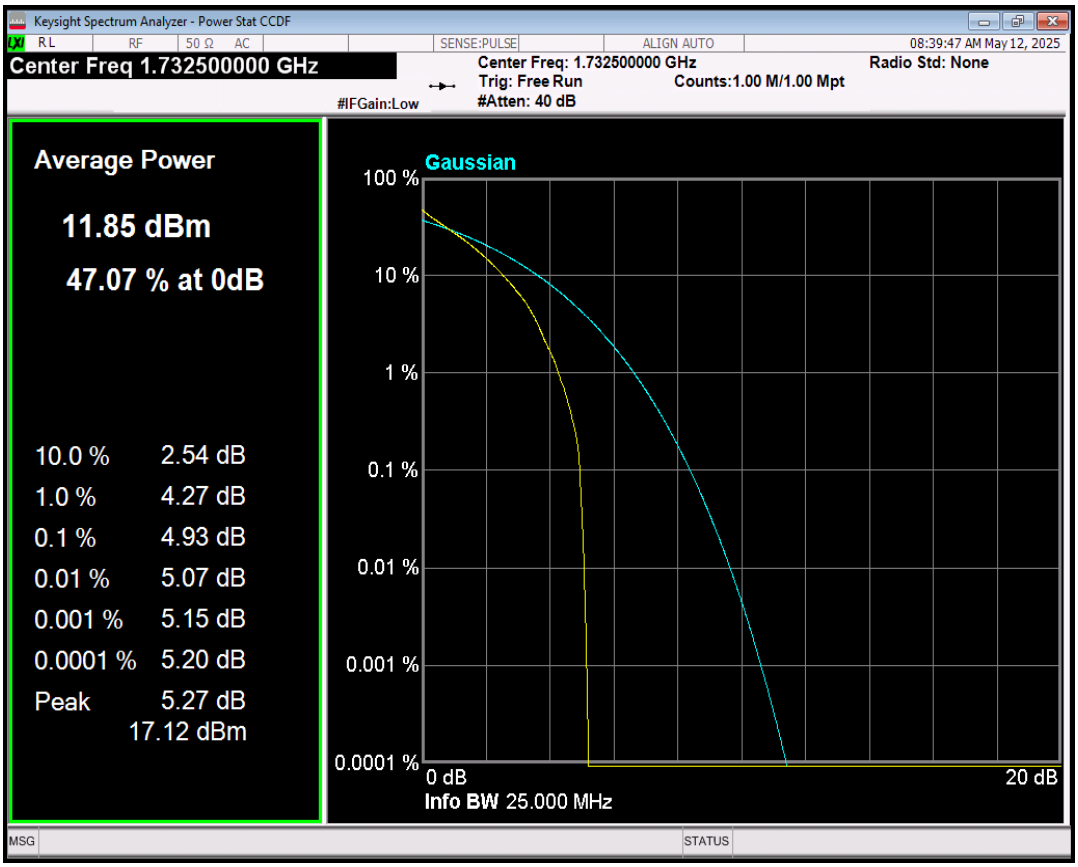

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



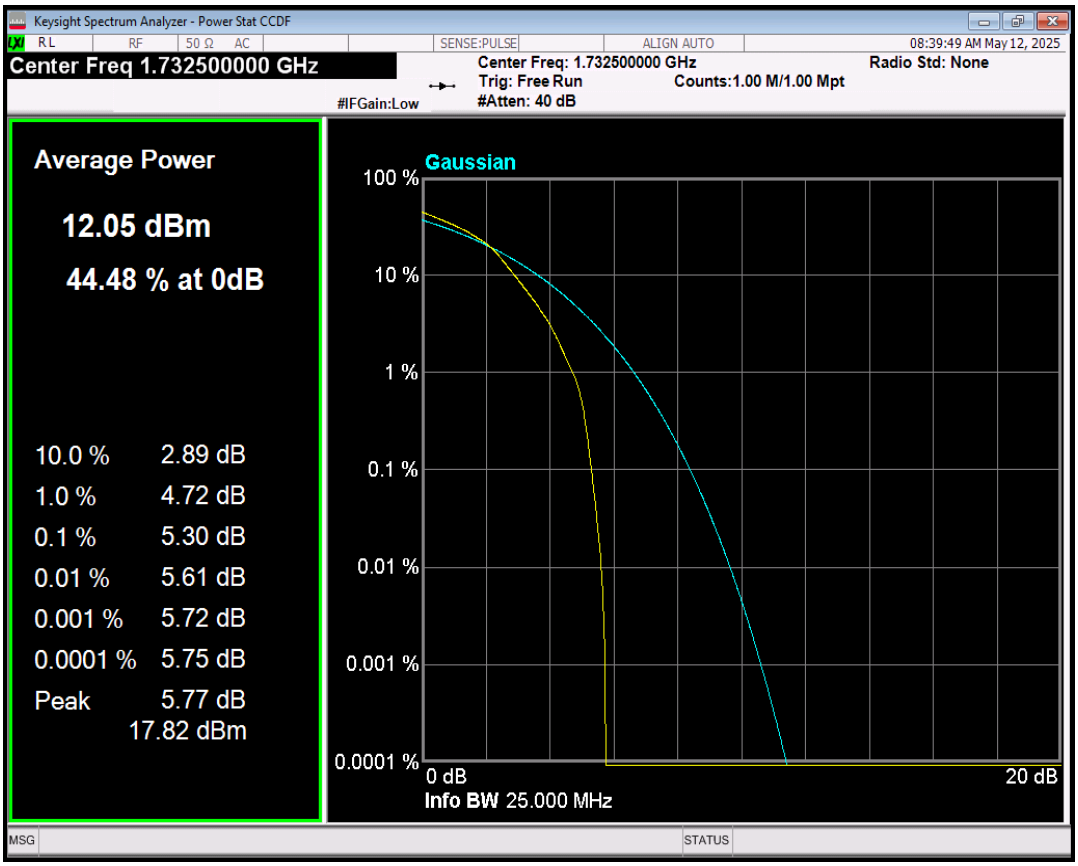

Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



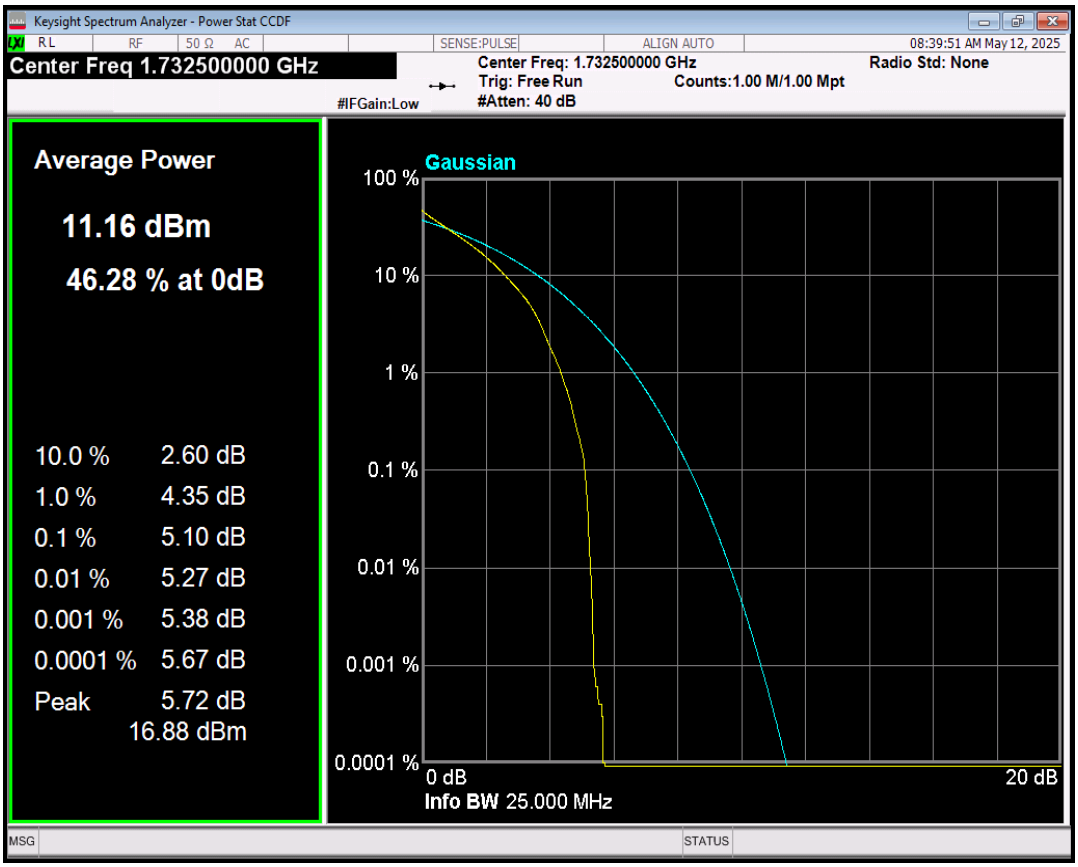

Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



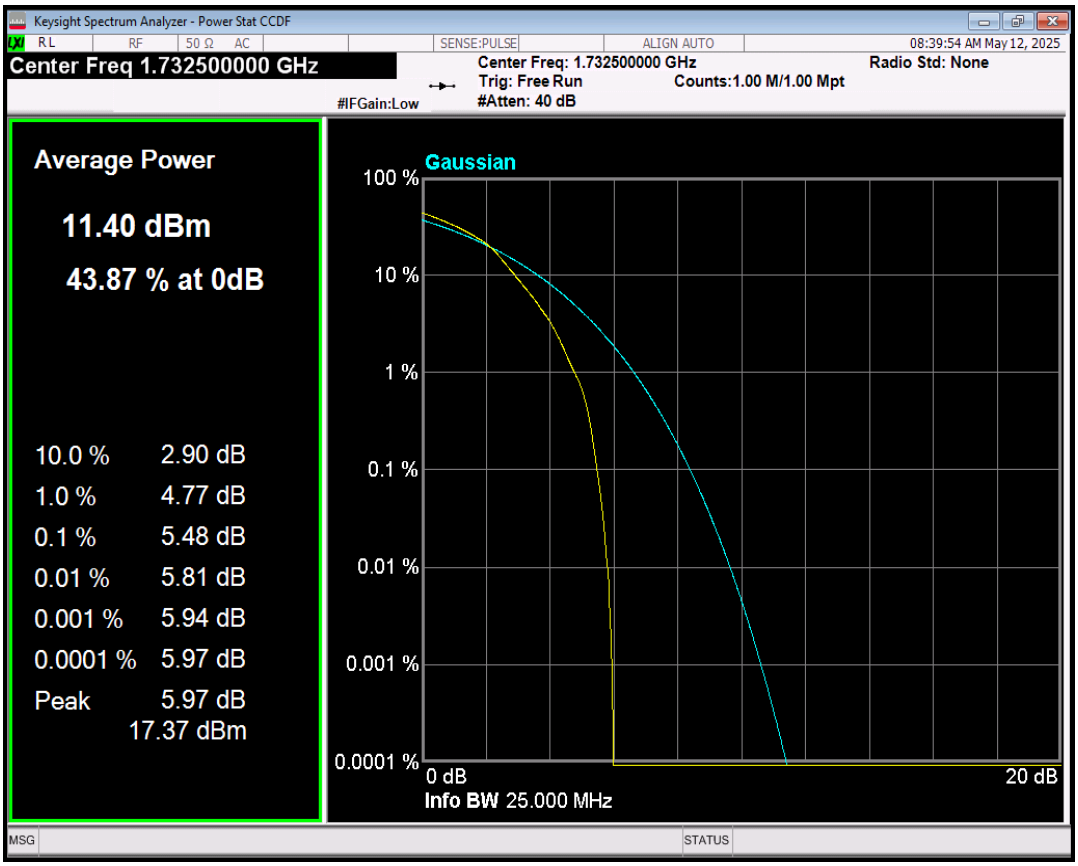

Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



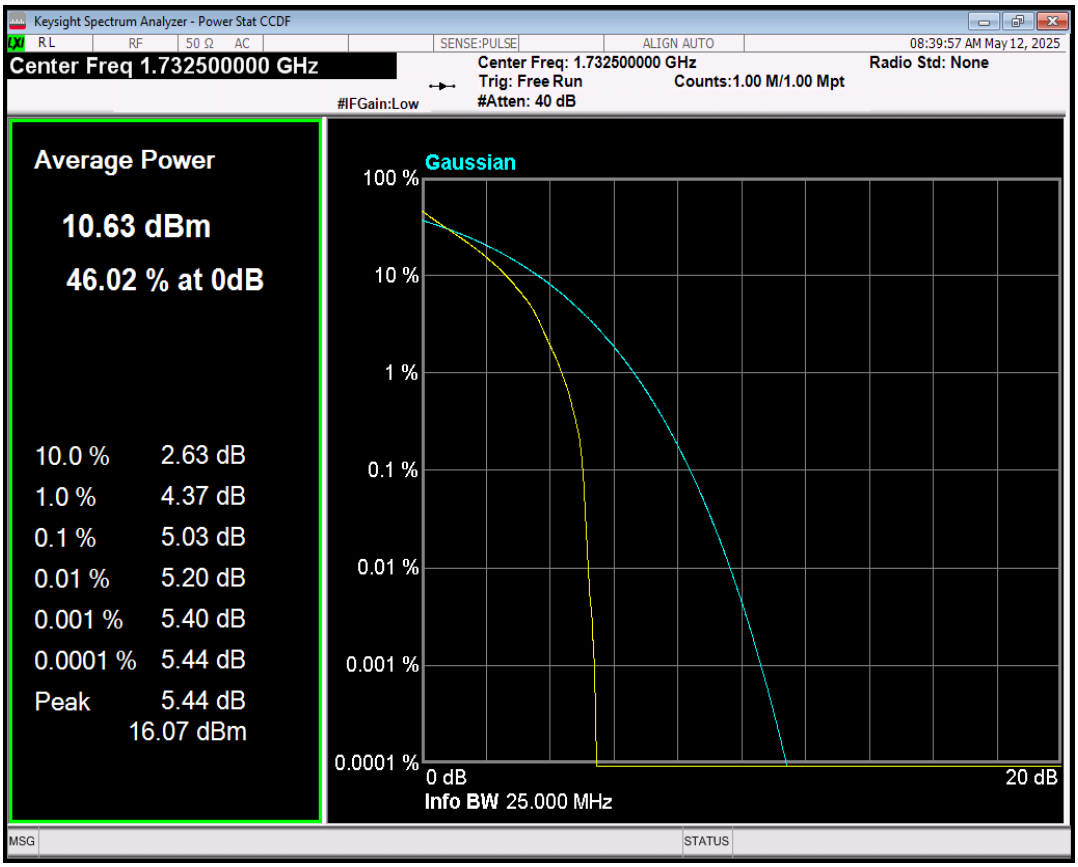

Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



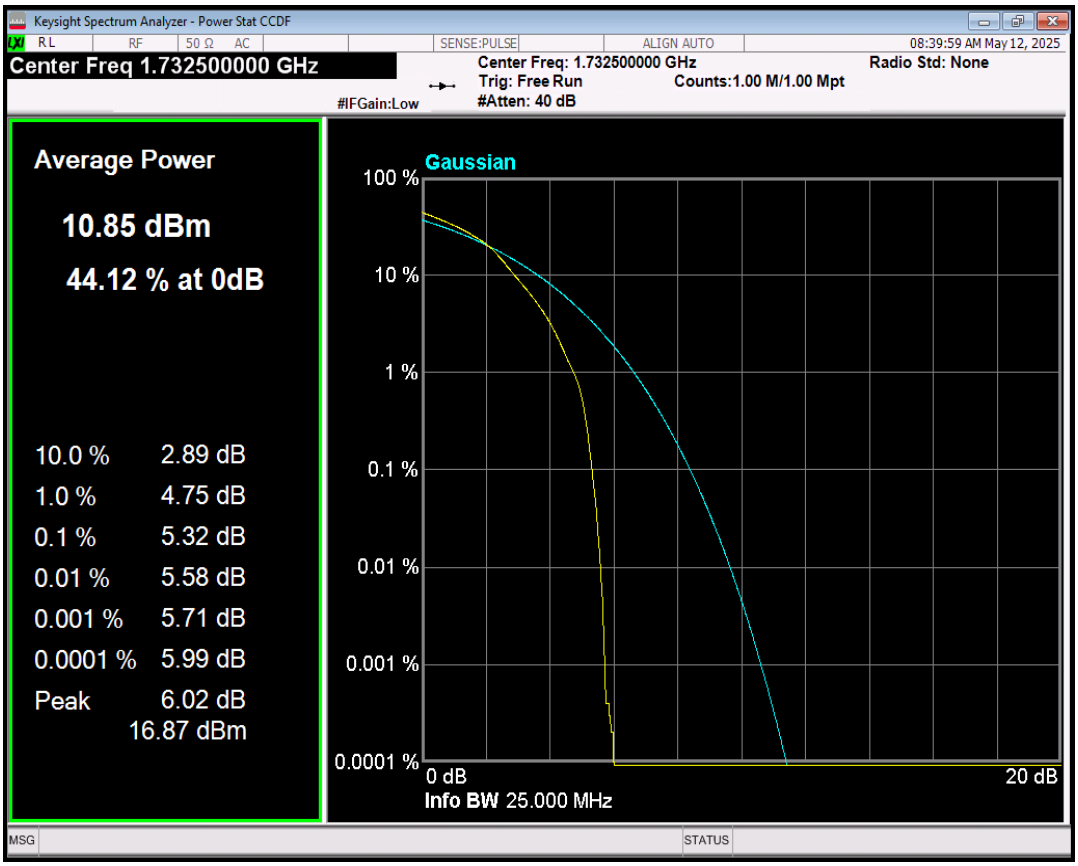

Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



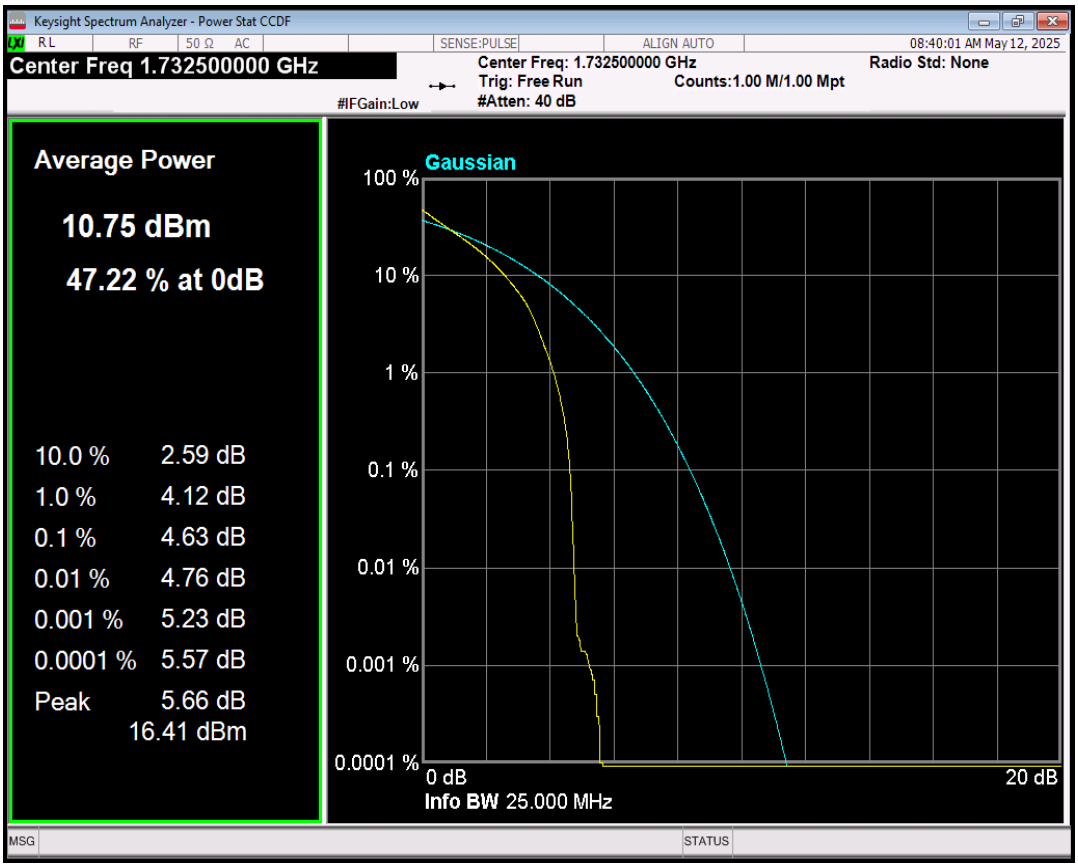

Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



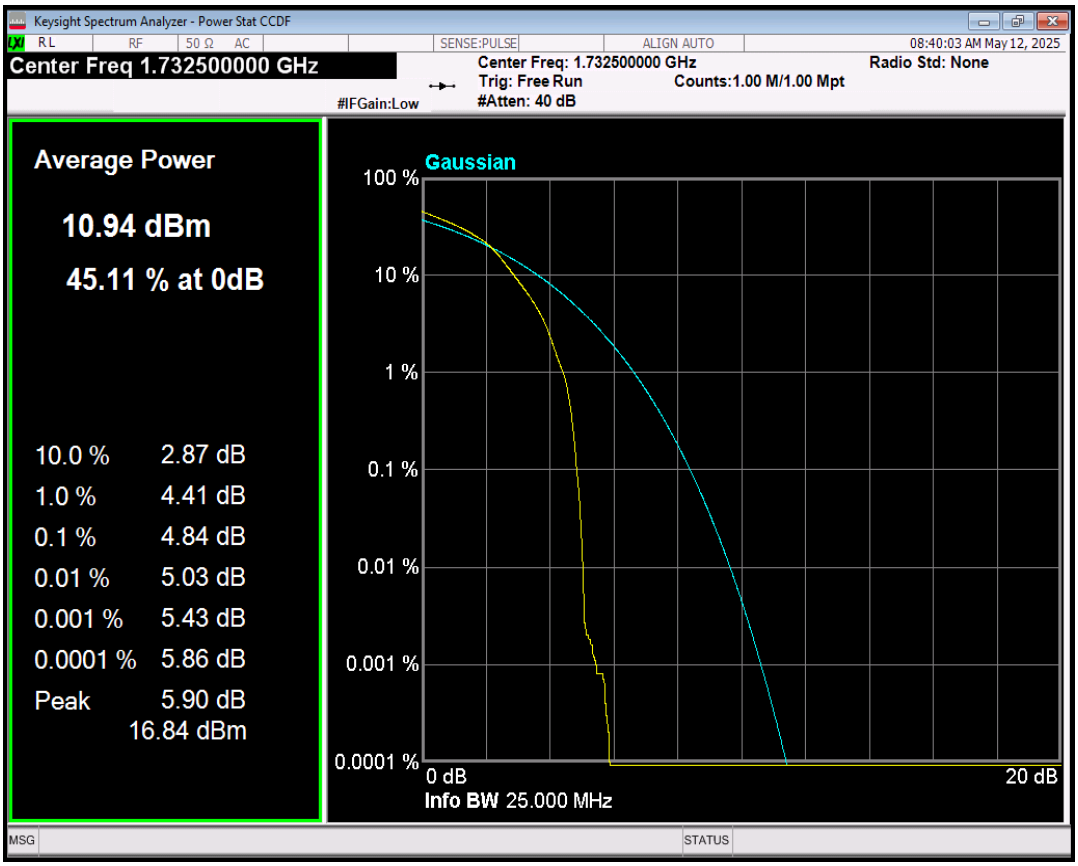

Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



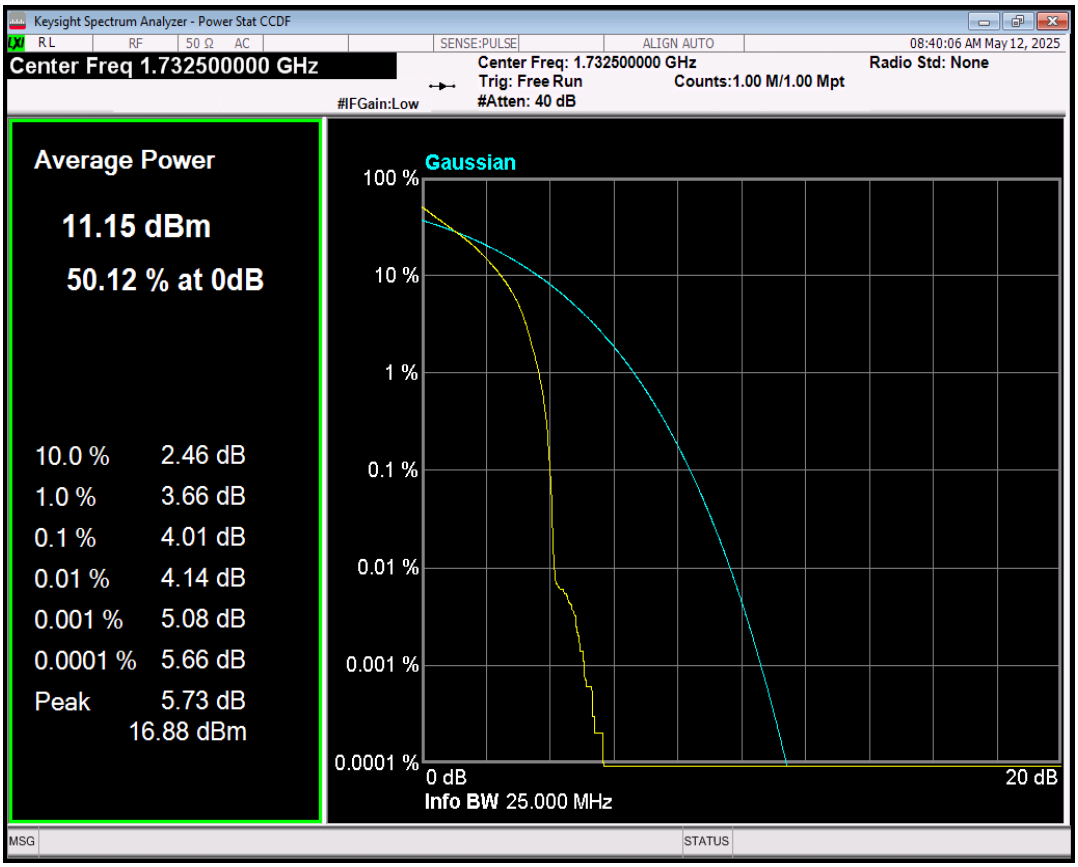

Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



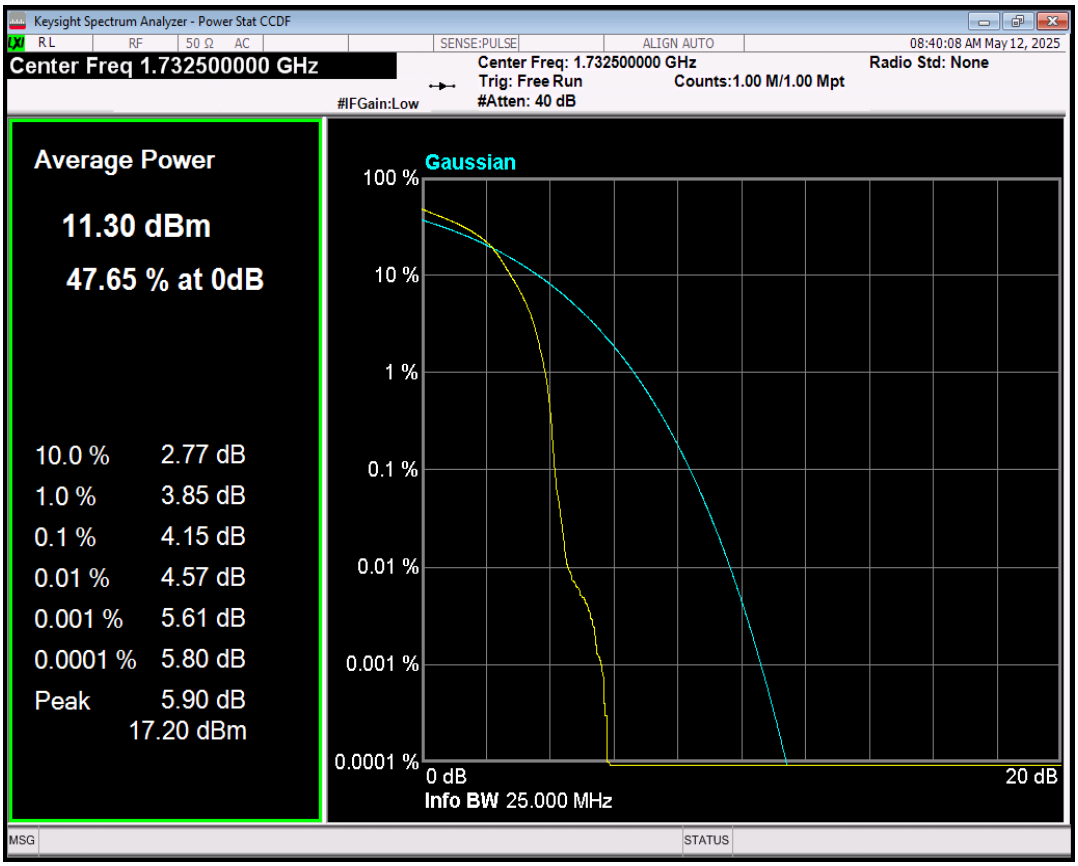

Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



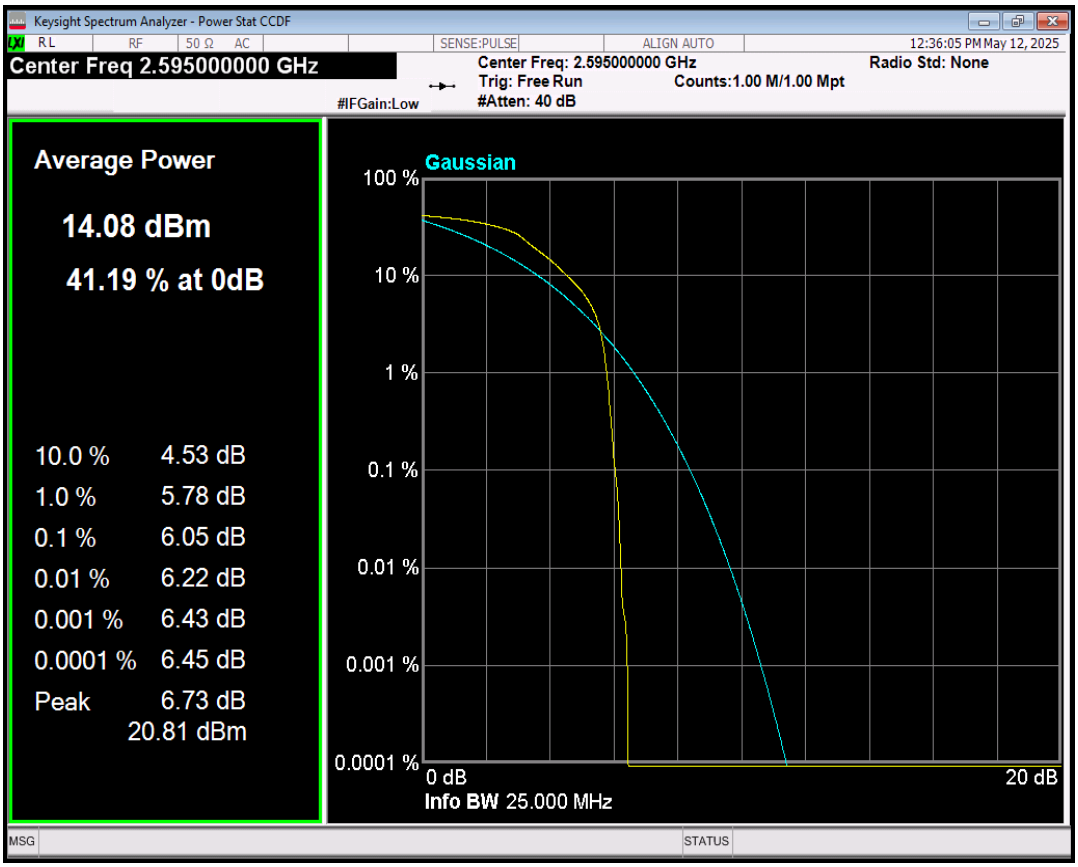

Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



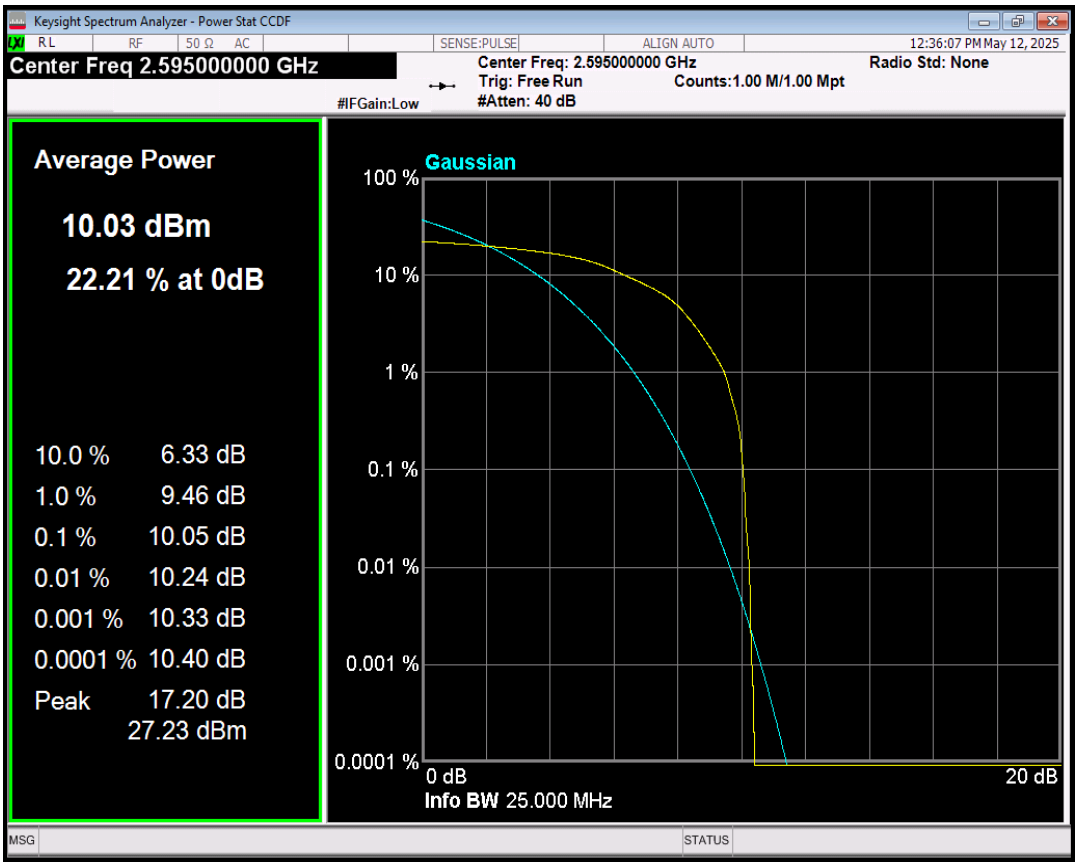

Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



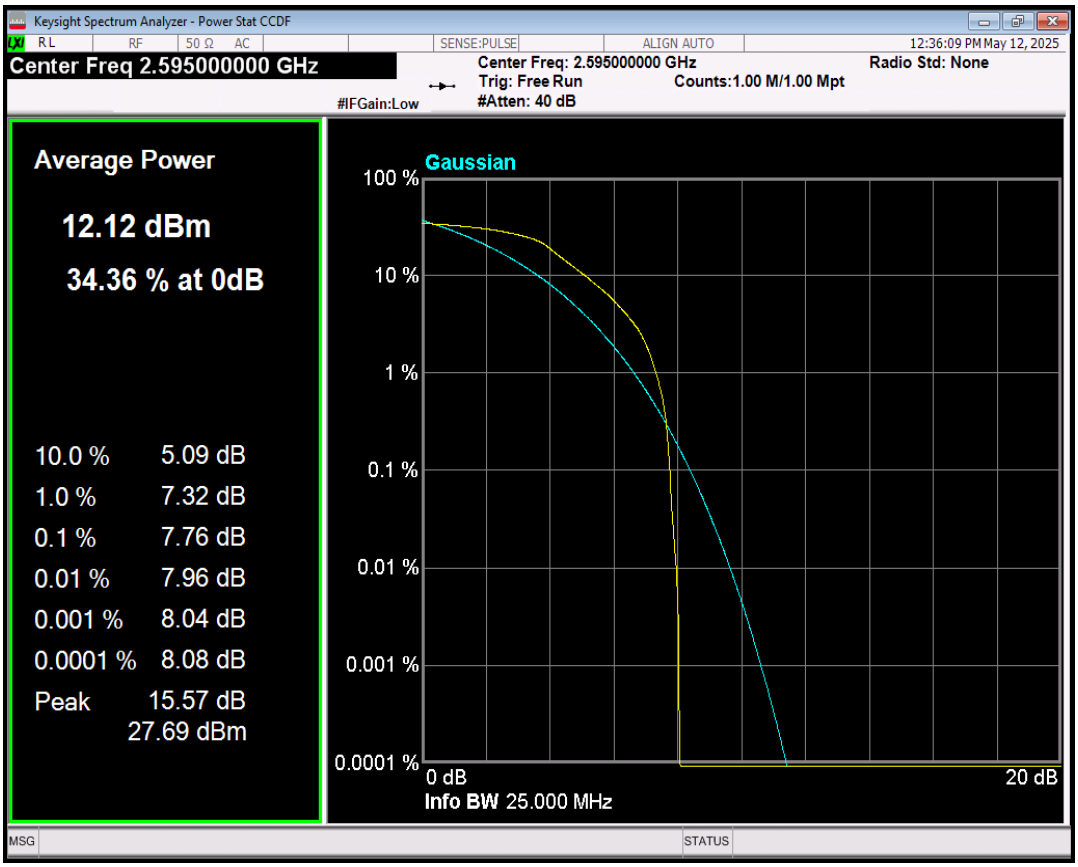

Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=1 Position=#0



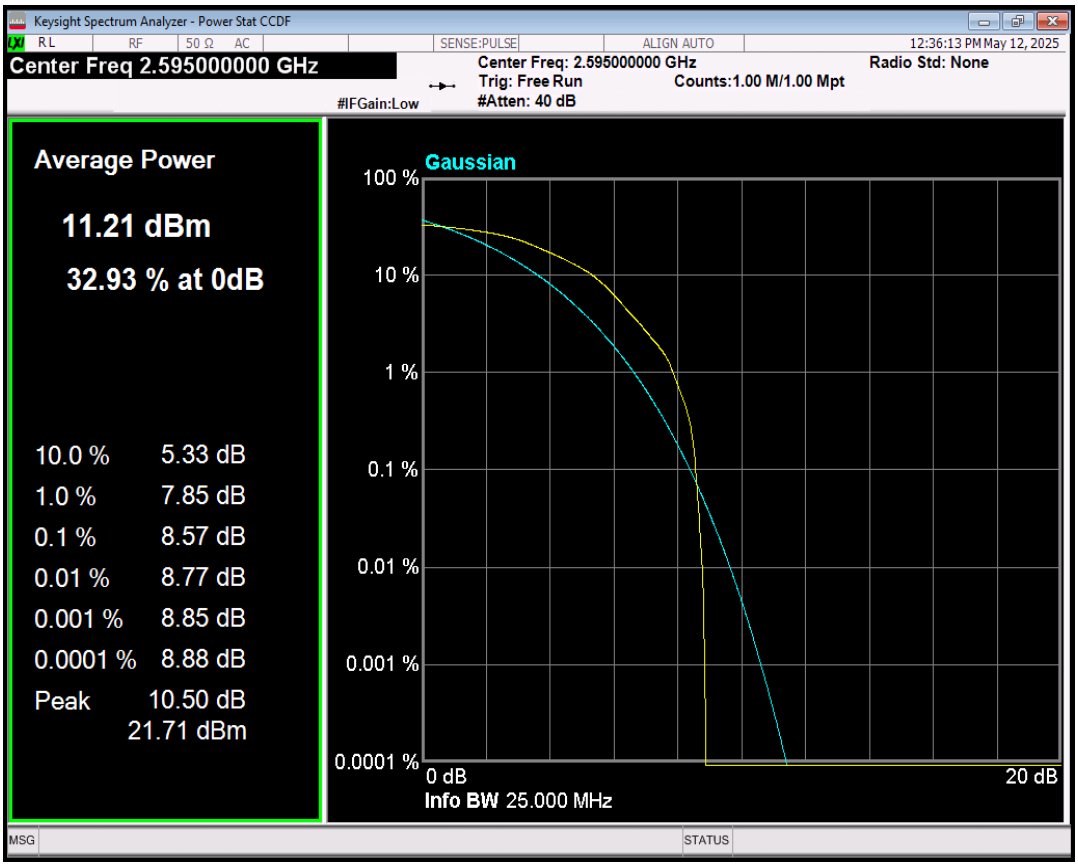

Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=1 Position=#0



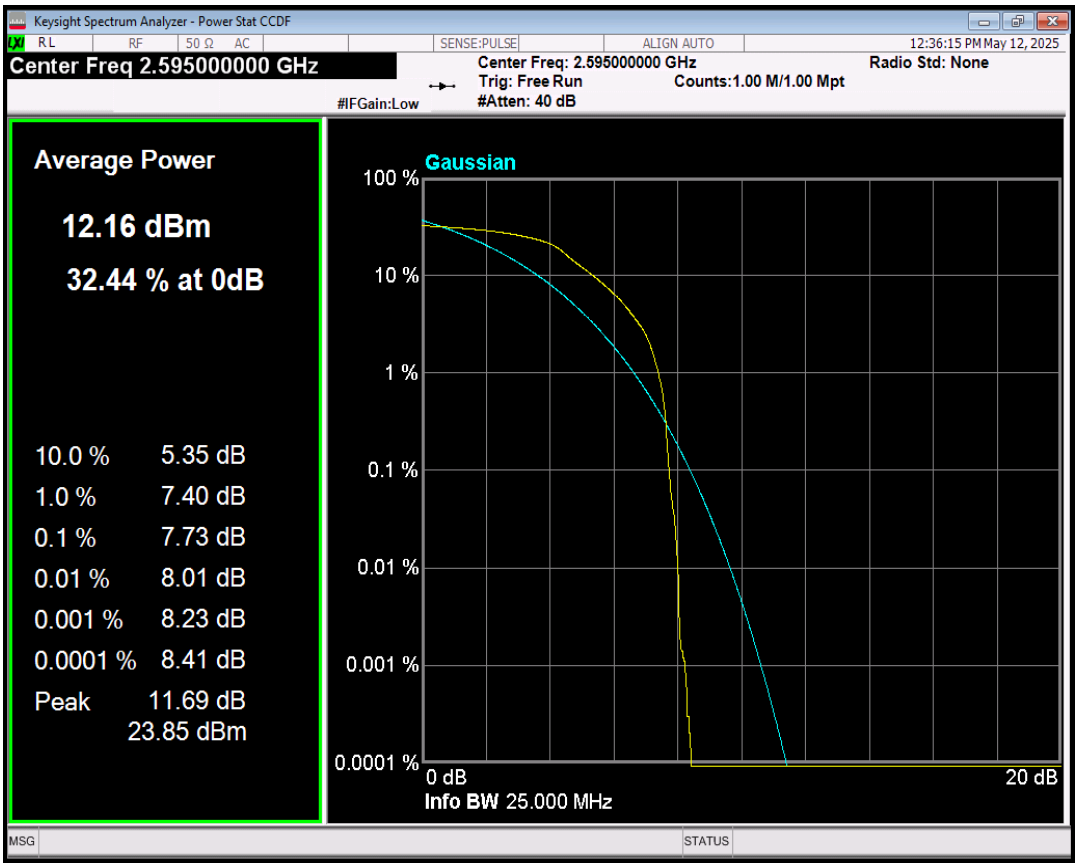

Band41(2535-2655) QPSK BW=10MHz Channel=40640 RB Size=1 Position=#0



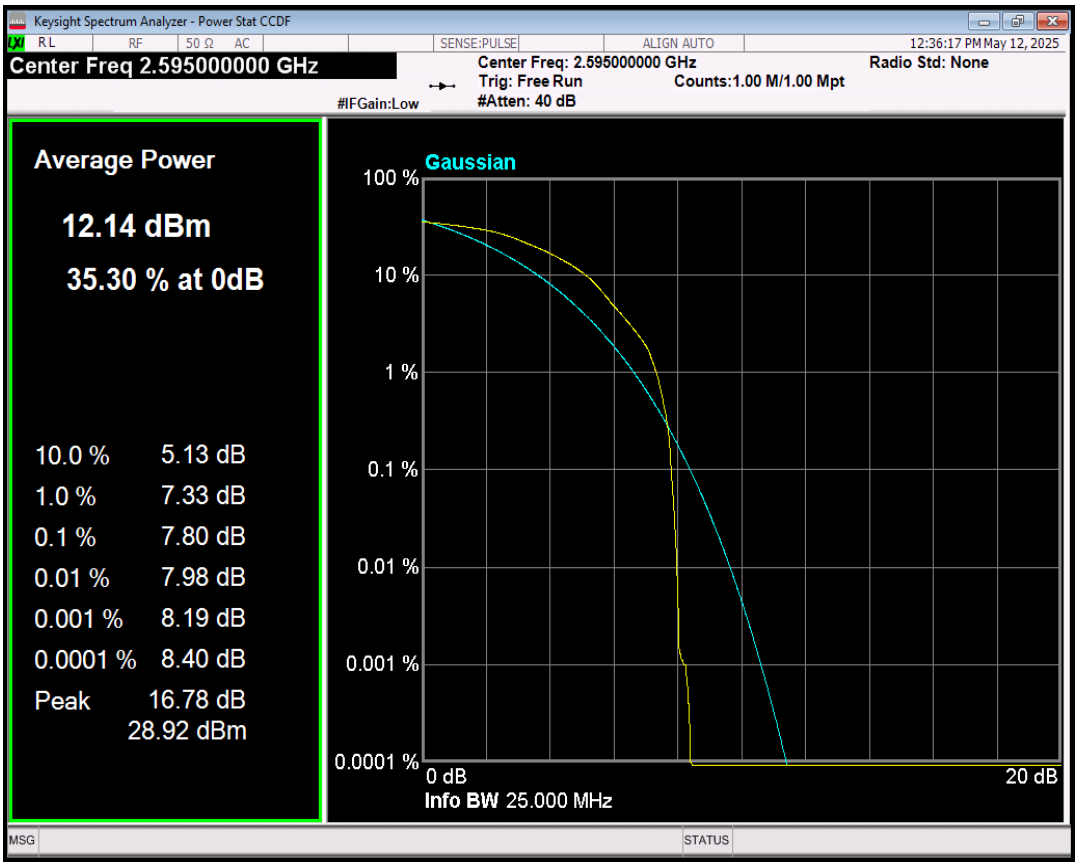

Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=1 Position=#0



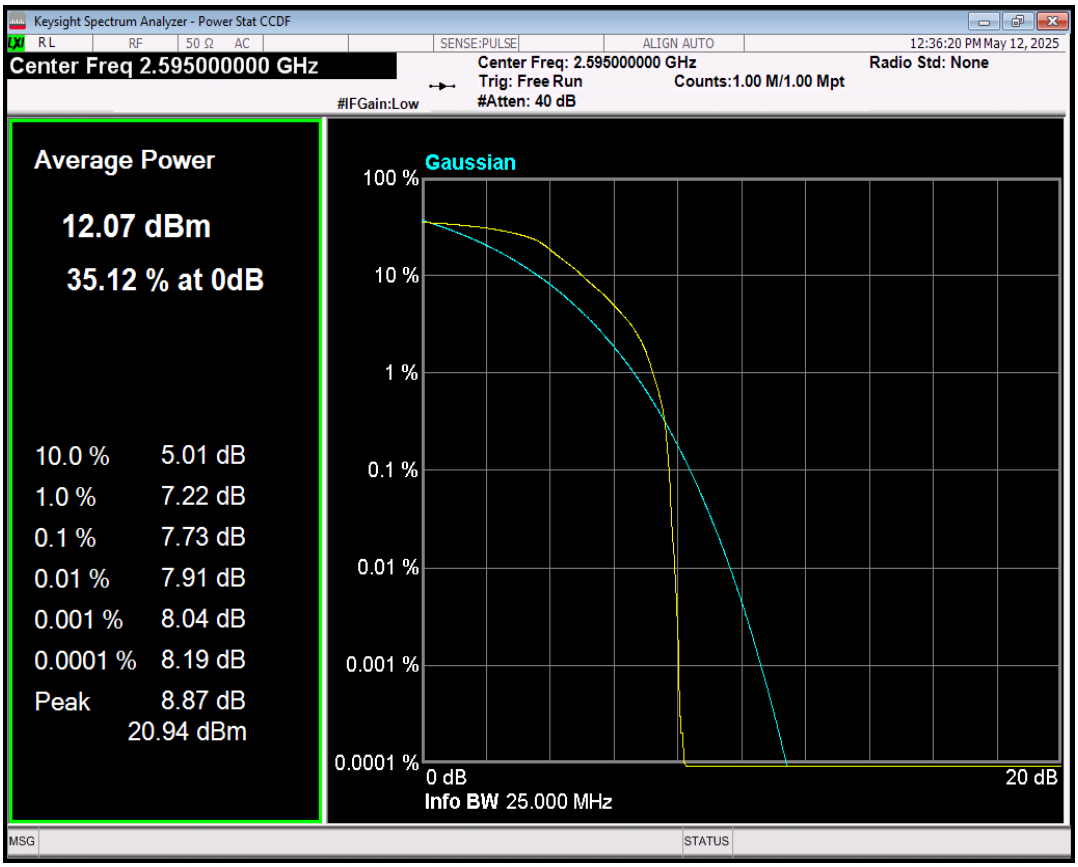

Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=1 Position=#0



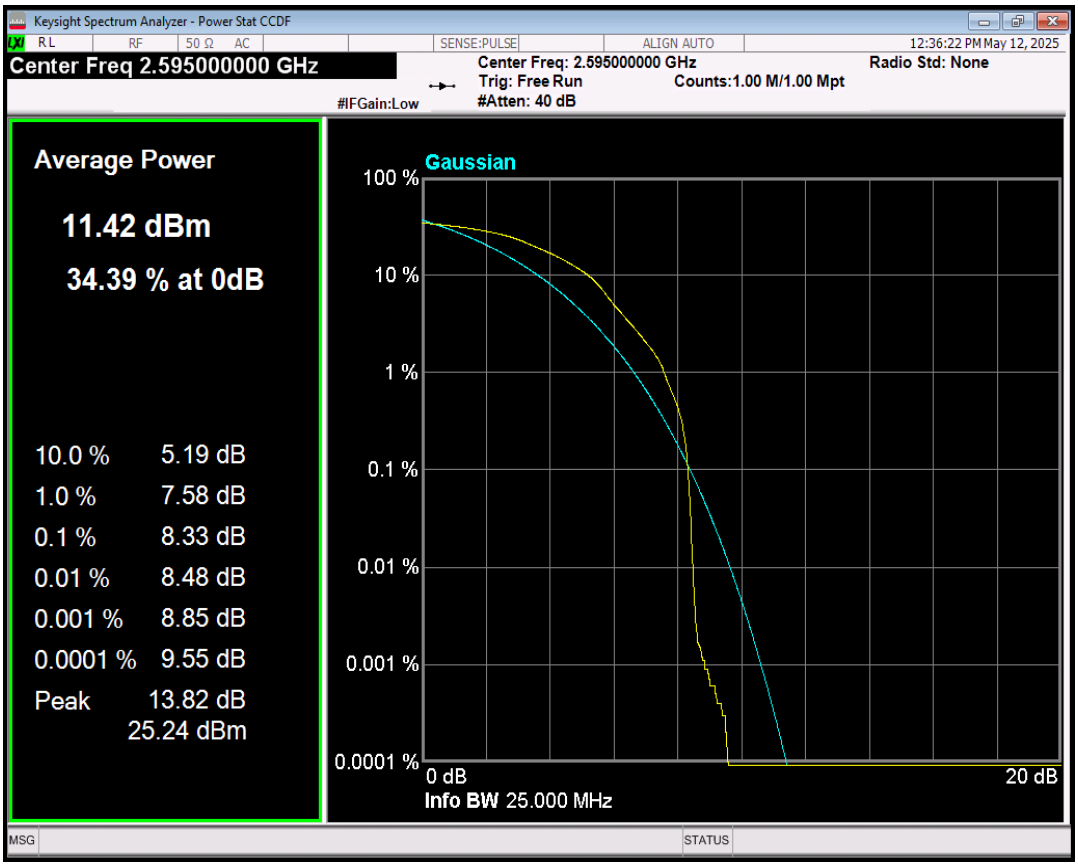

Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=1 Position=#0



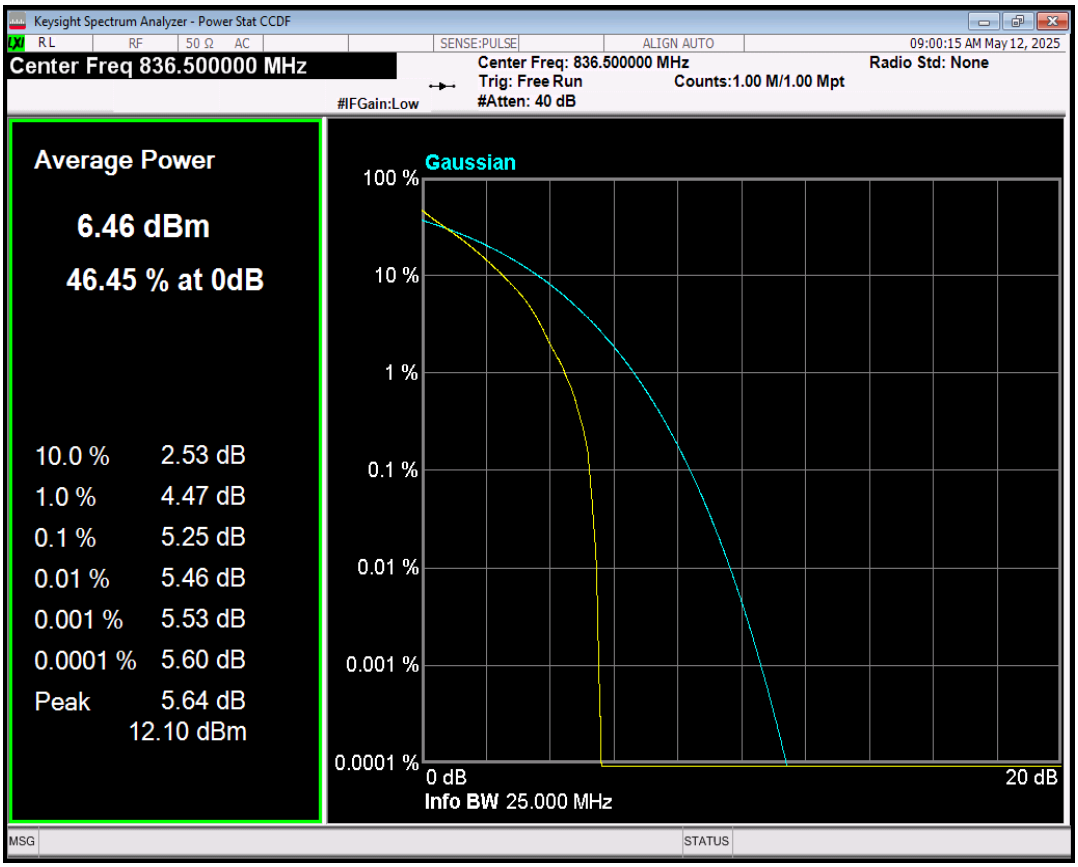

Band41(2535-2655) QPSK BW=20MHz Channel=40640 RB Size=1 Position=#0



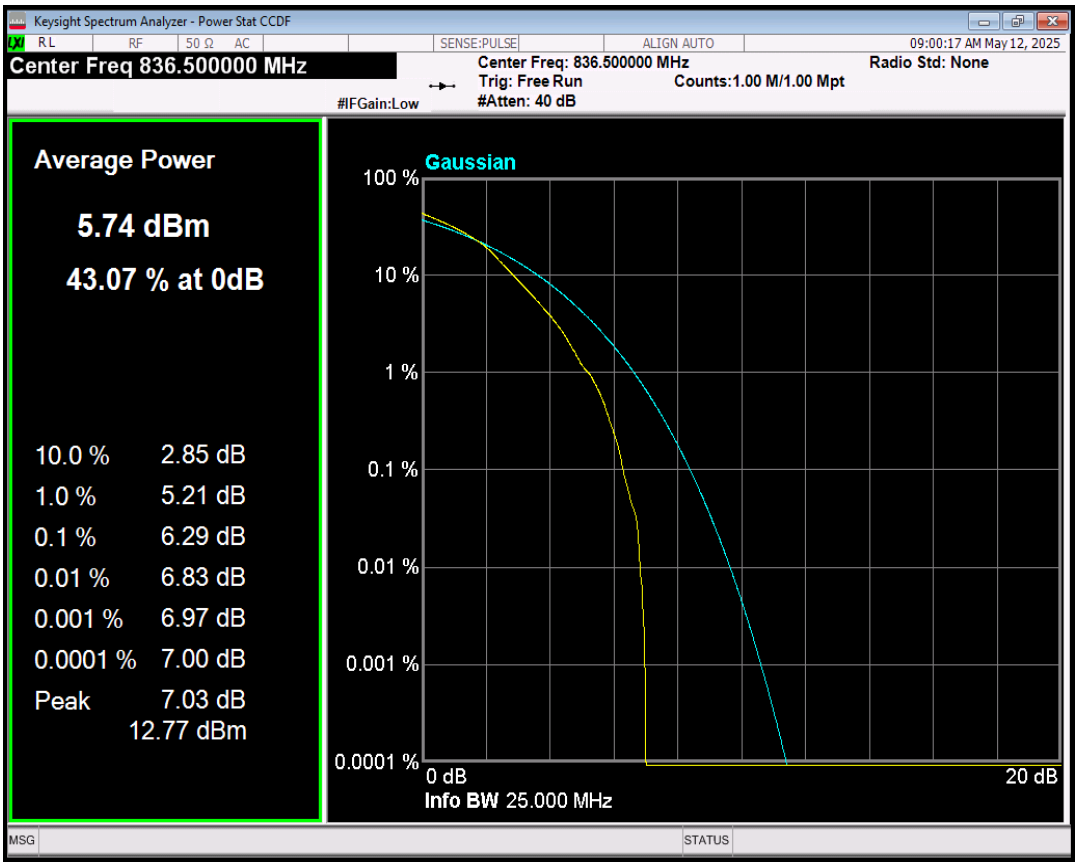

Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=1 Position=#0



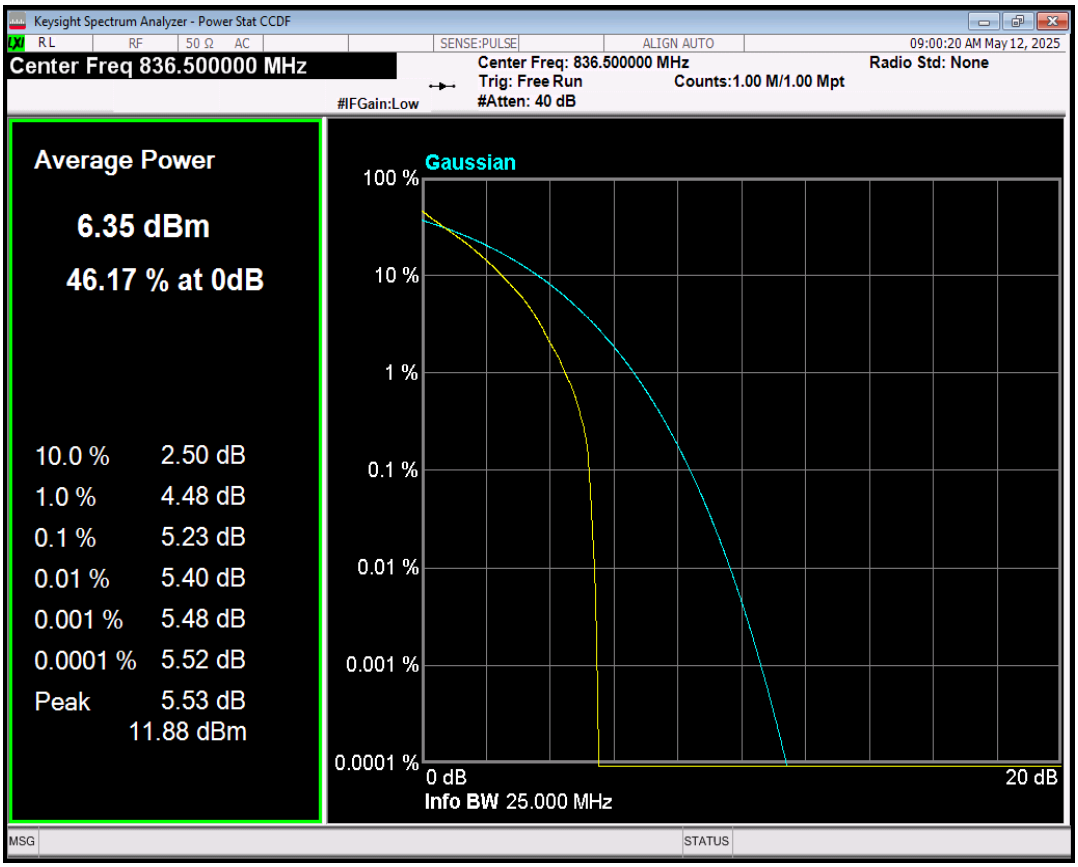

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



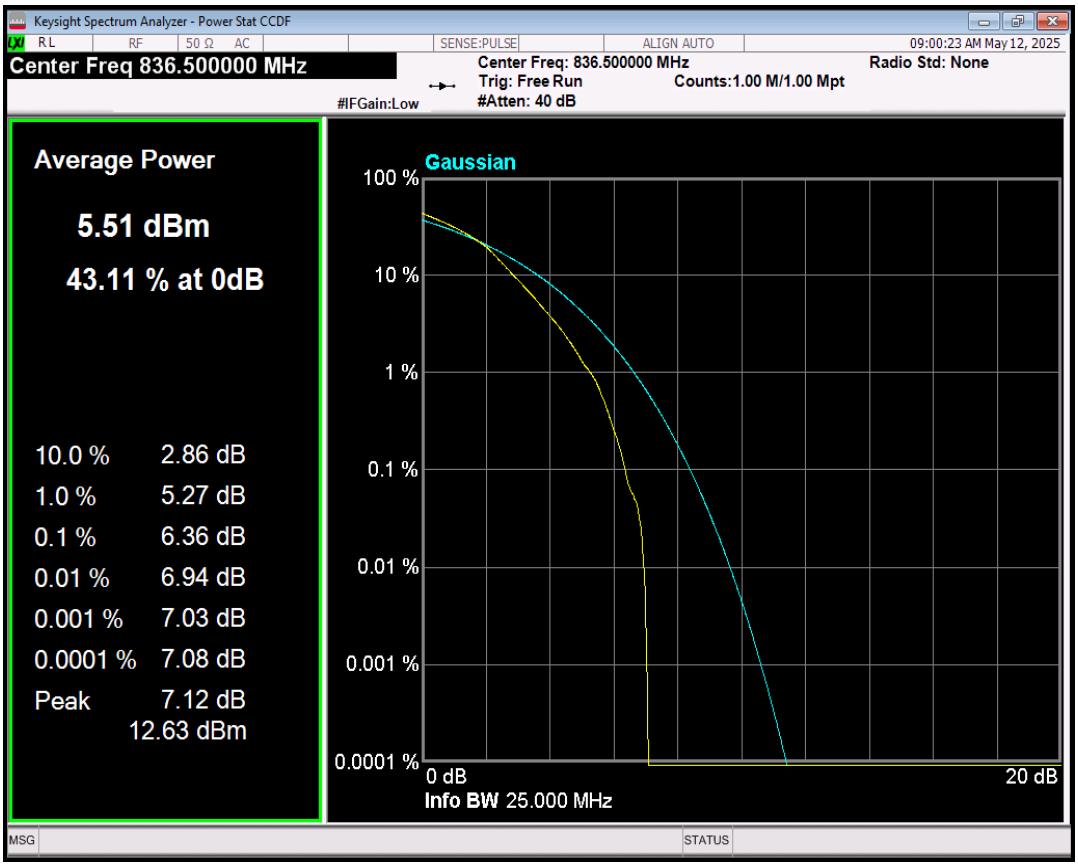

Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



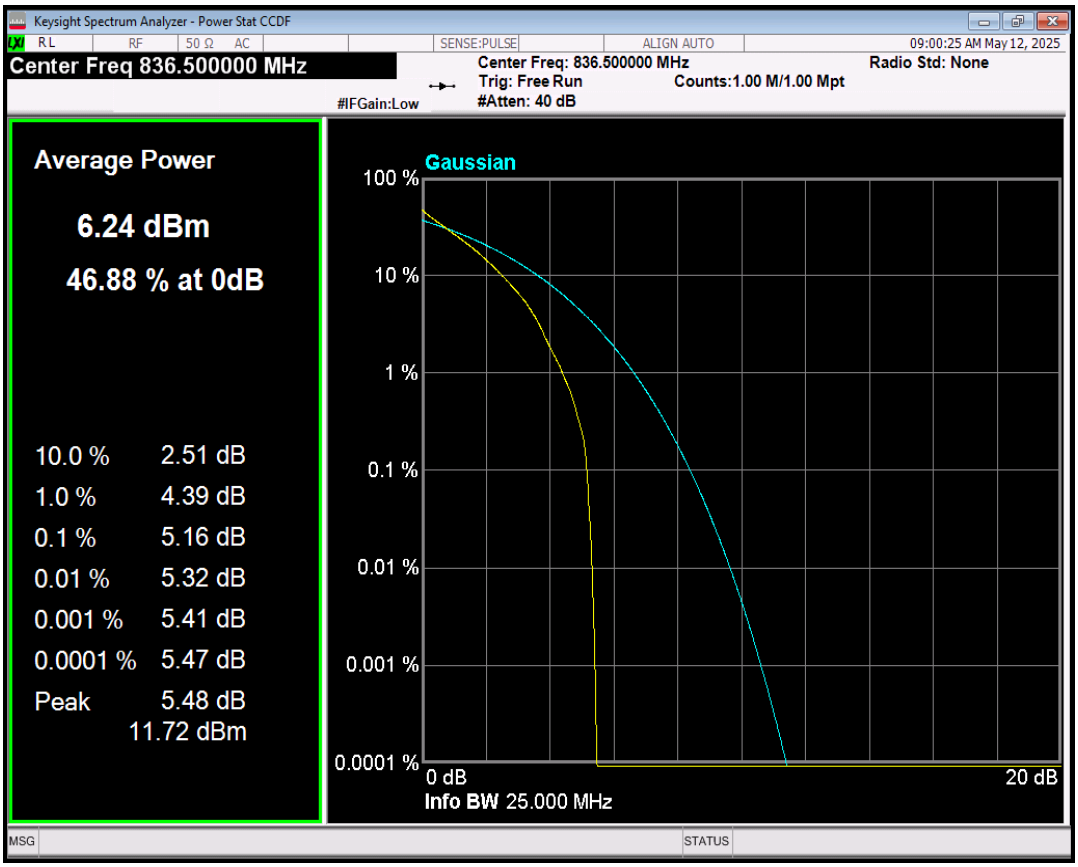

Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



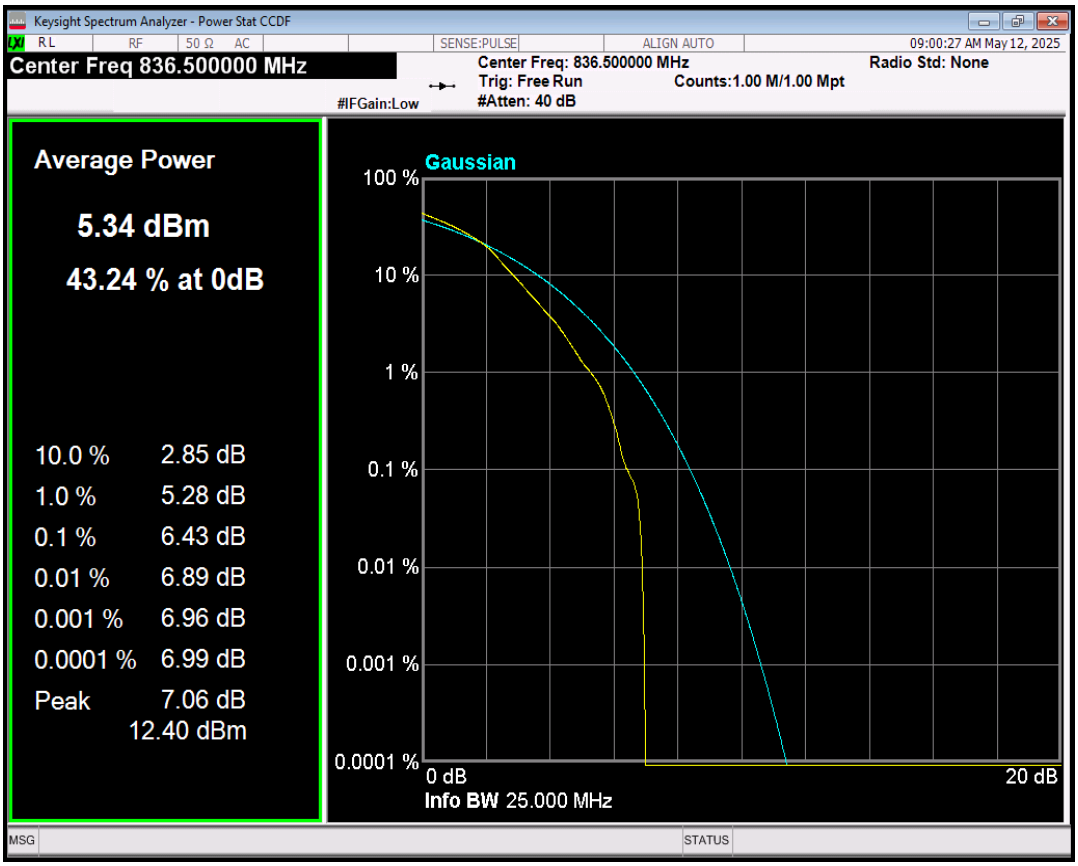

Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



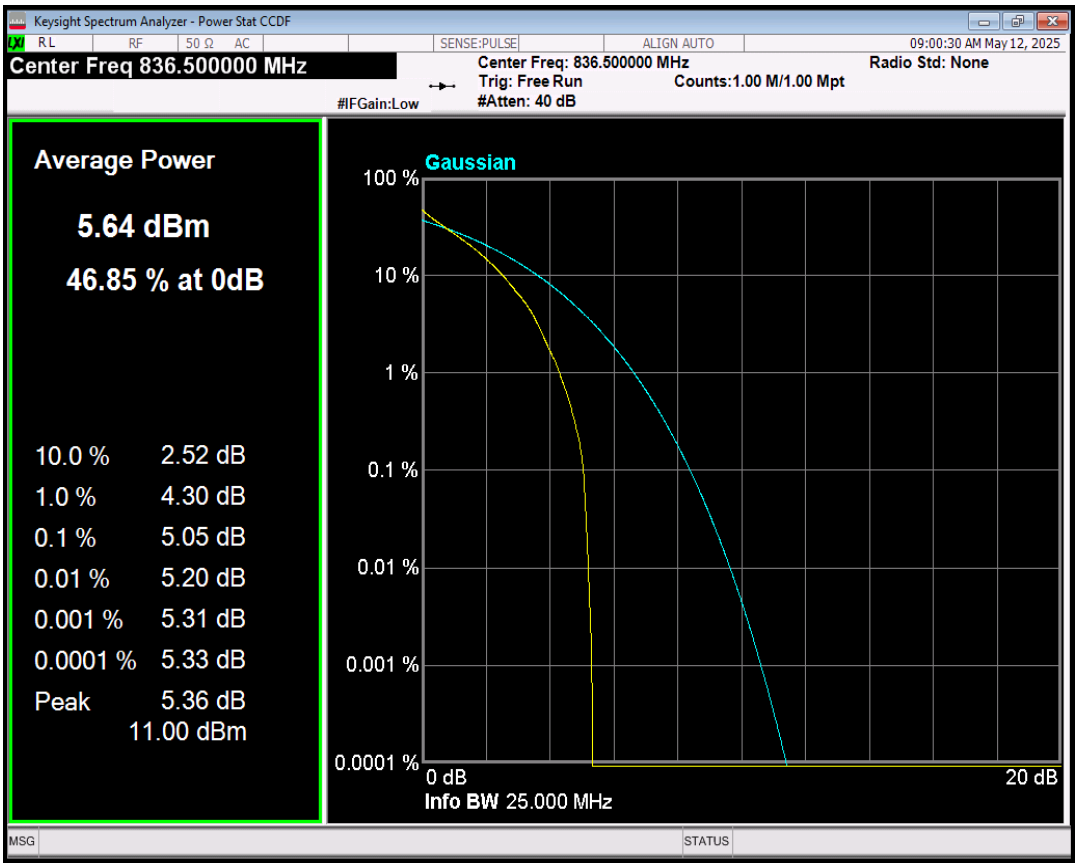

Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



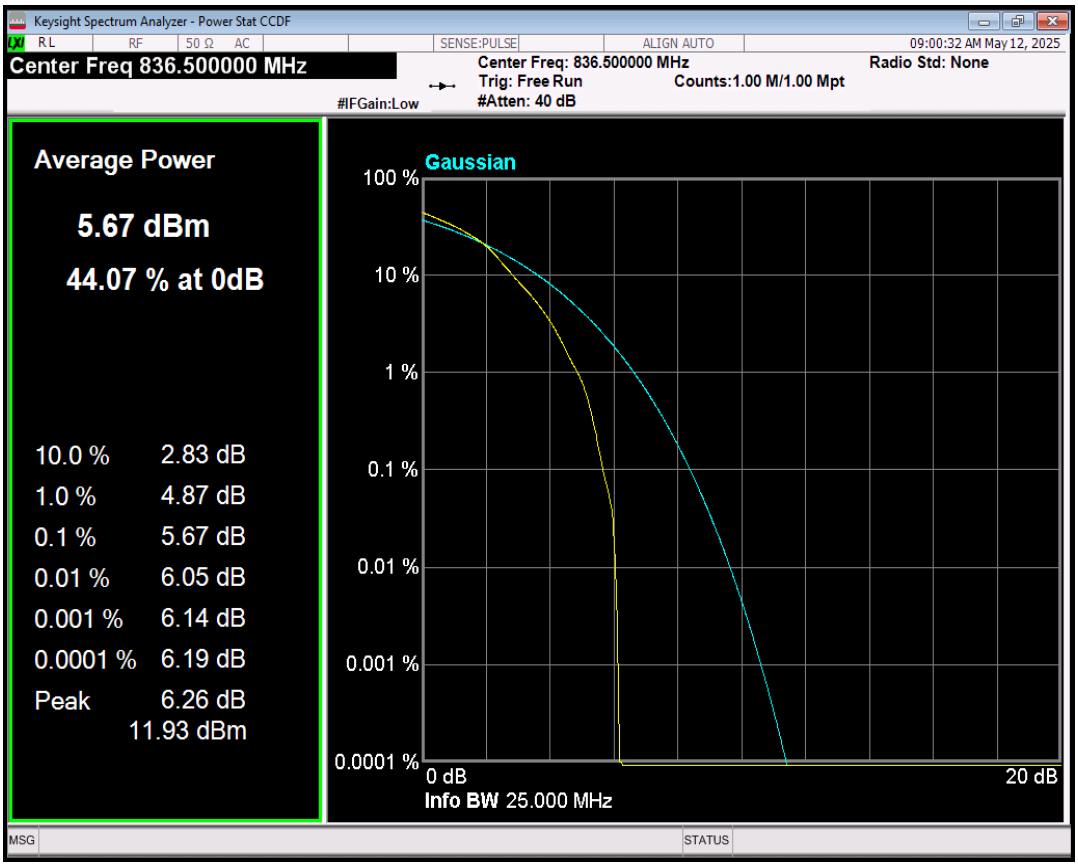

Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



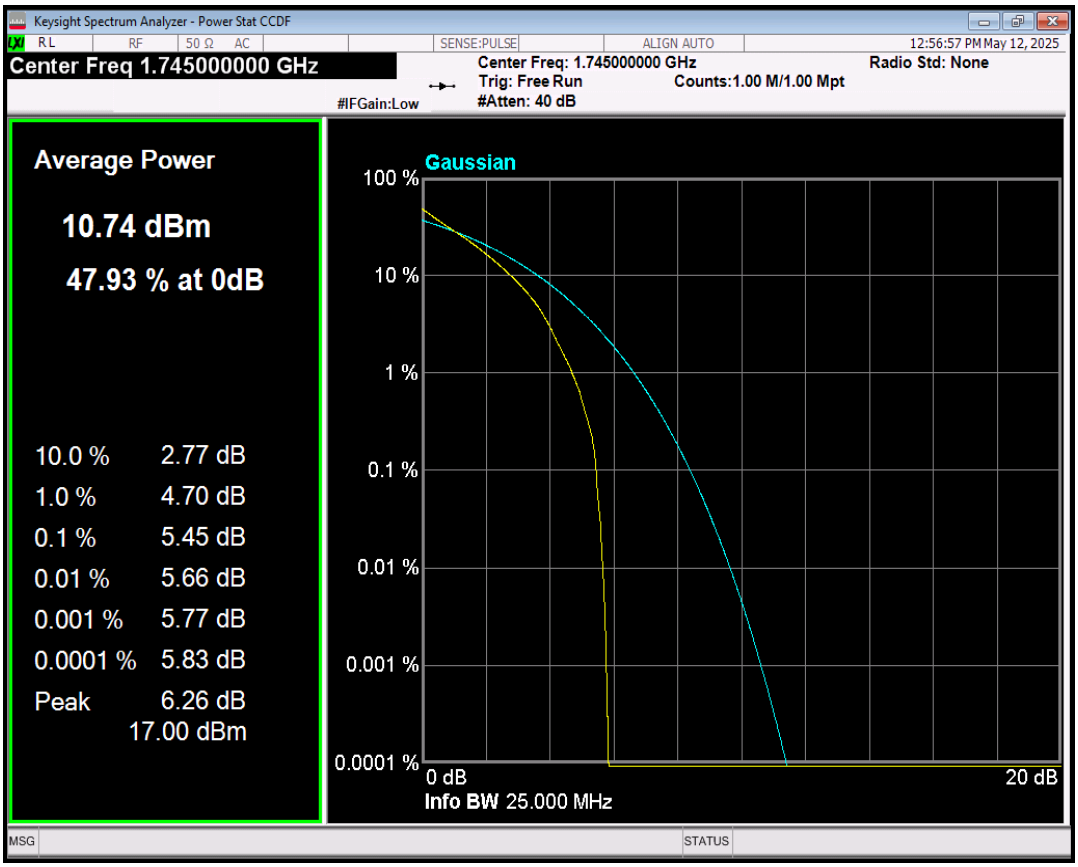

Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



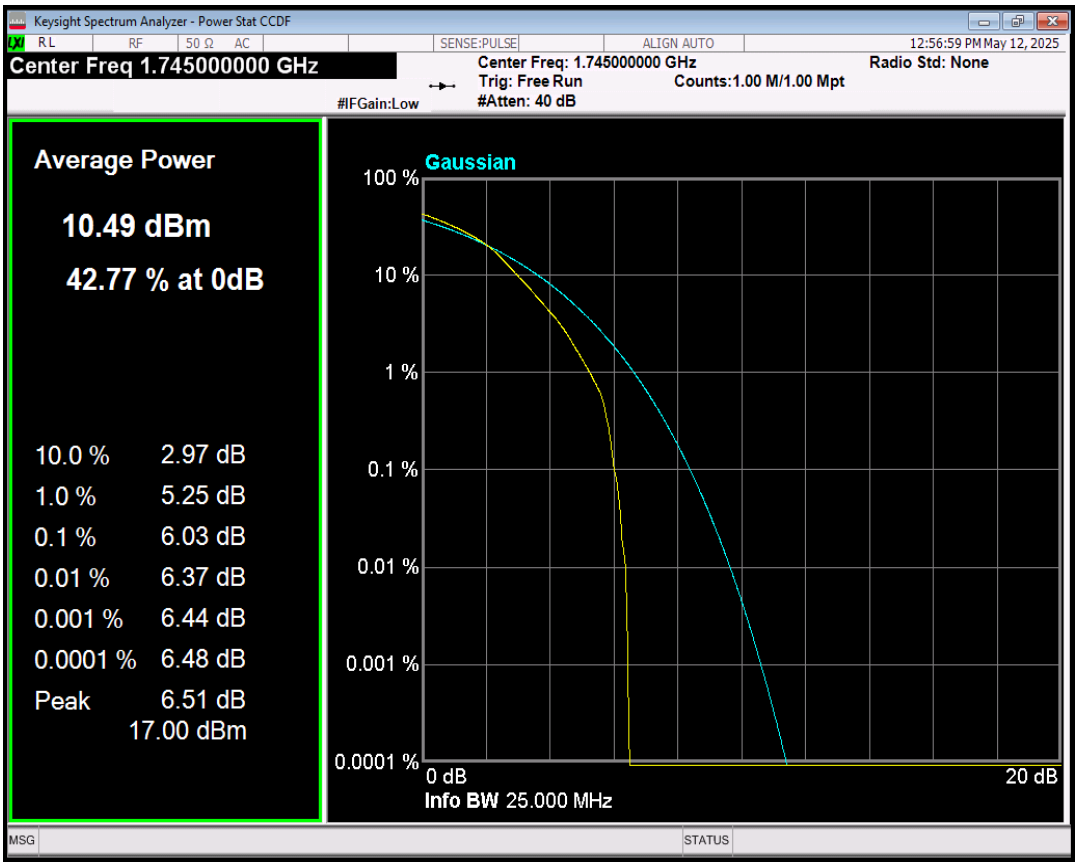

Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



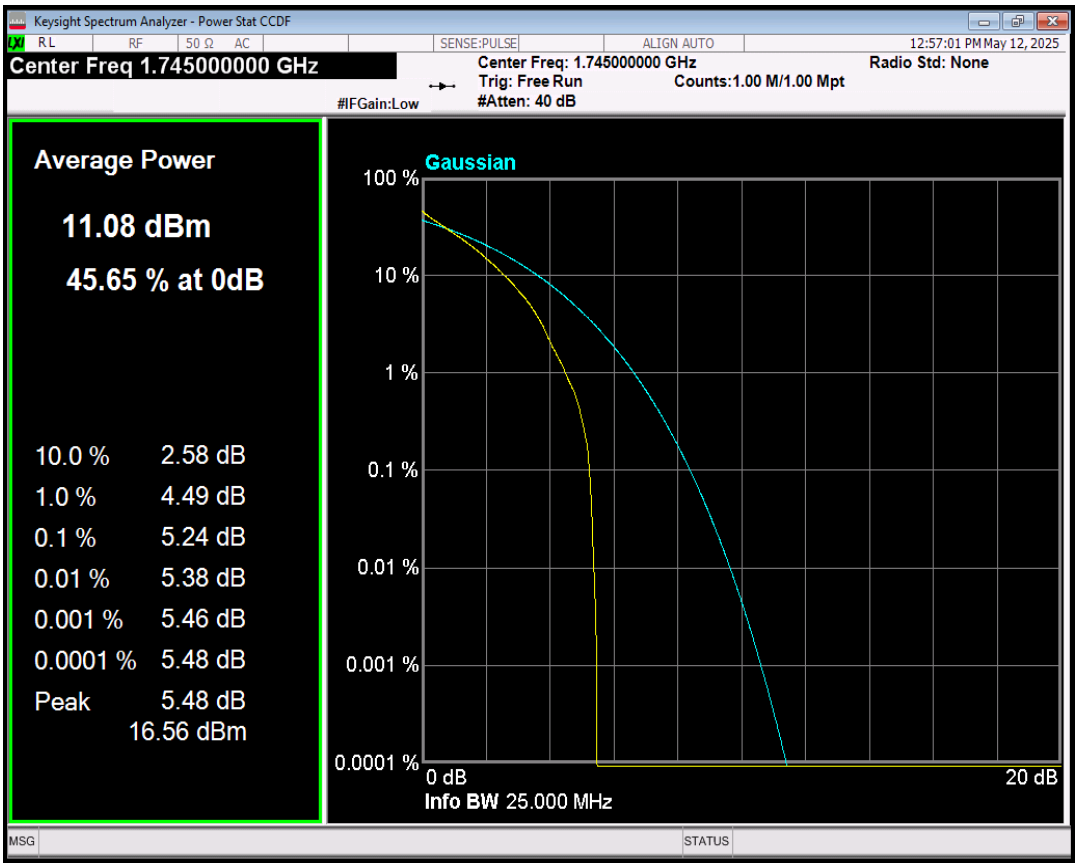

Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



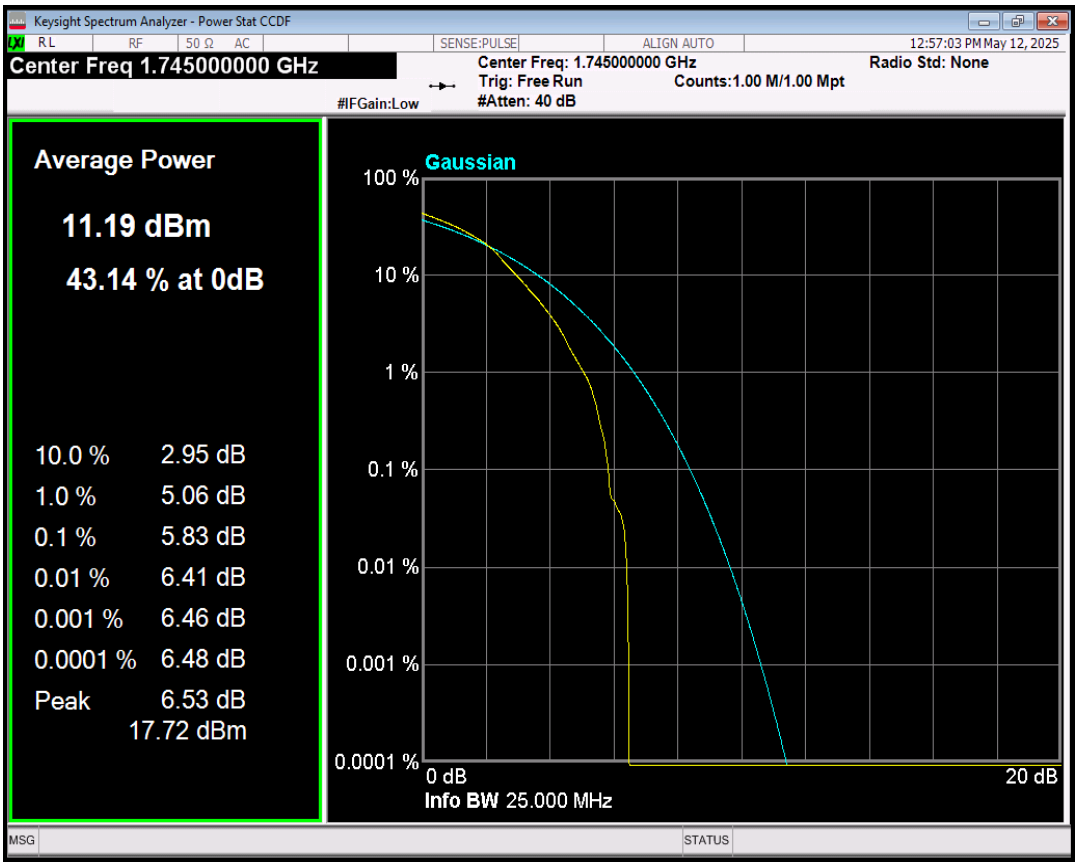

Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0



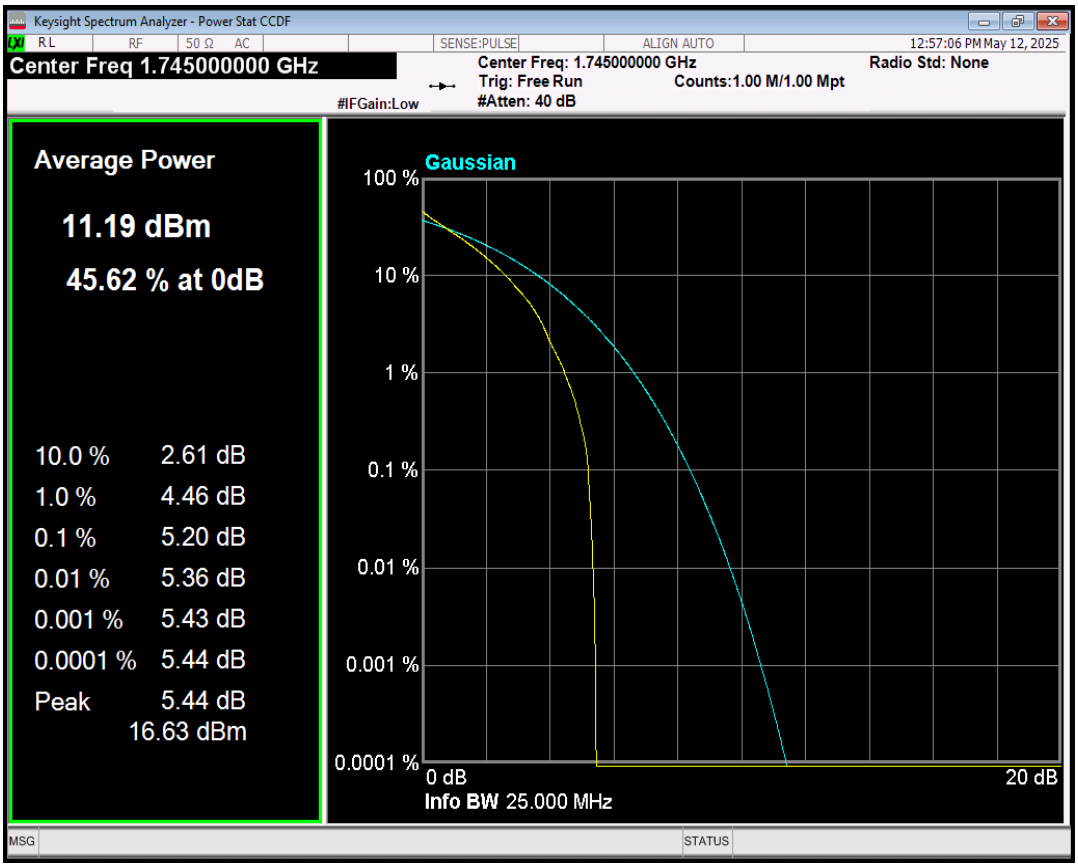

Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



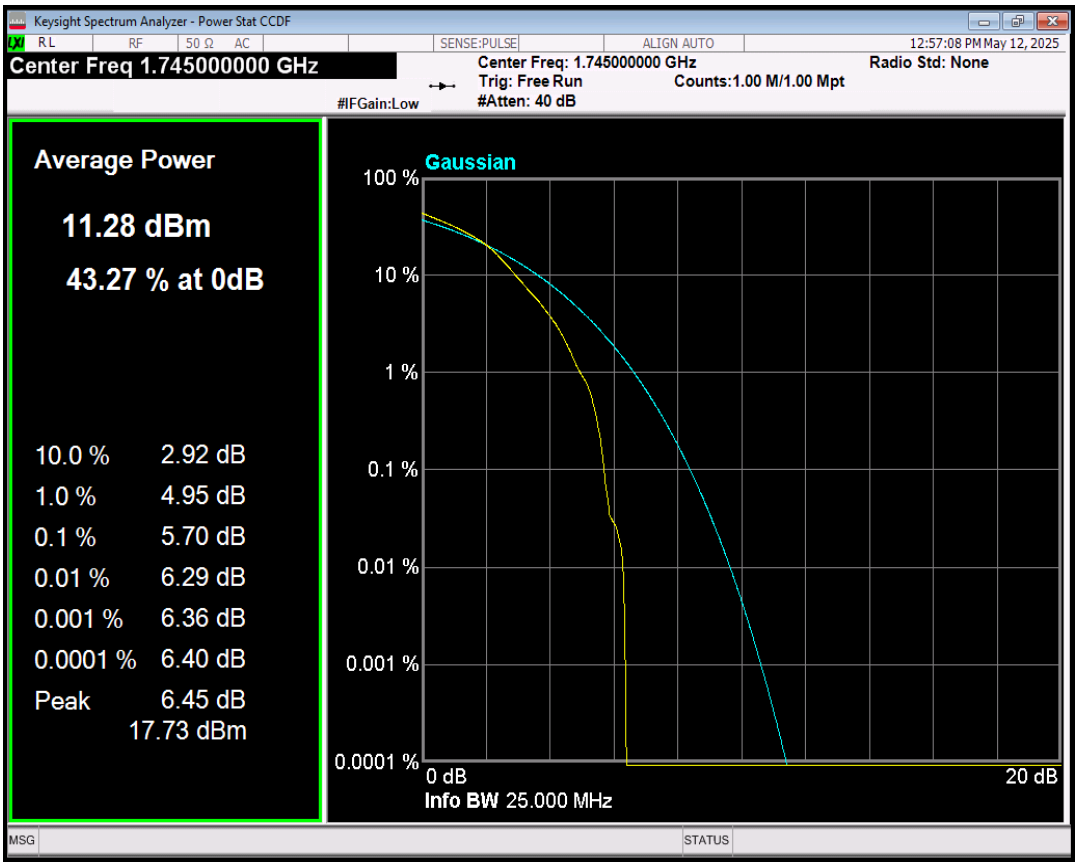

Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0



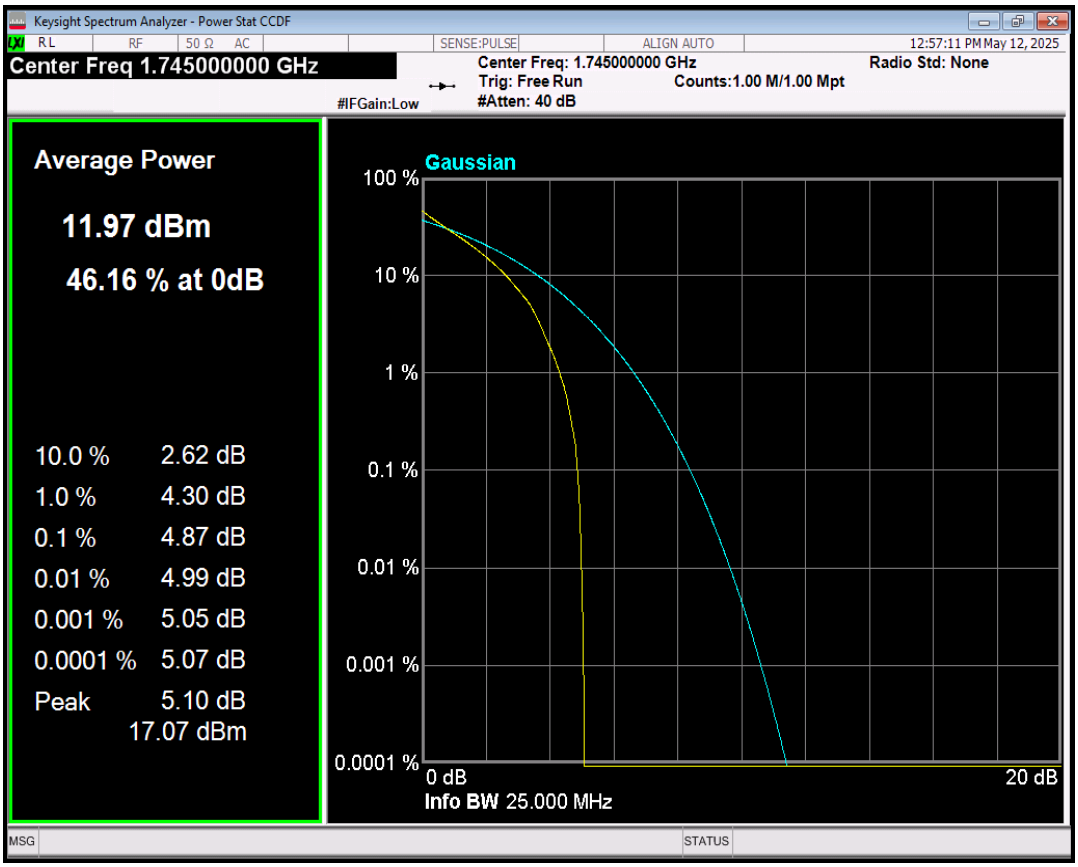

Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



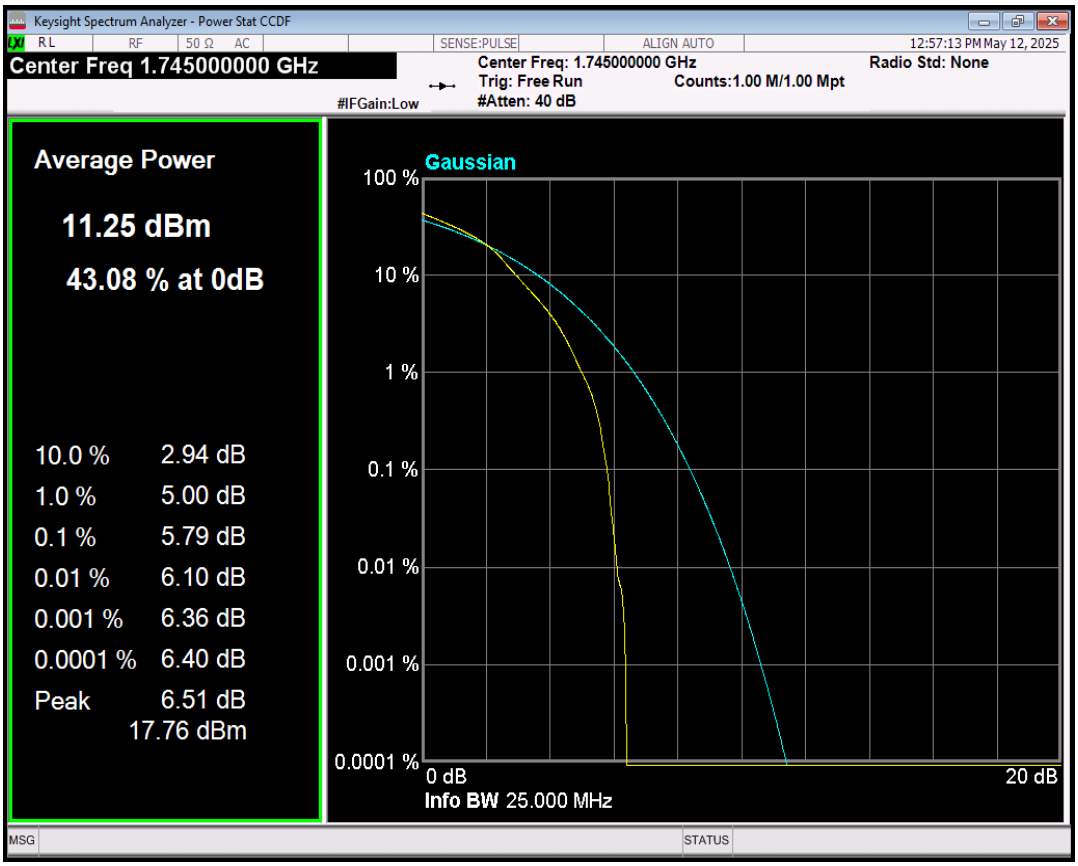

Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0



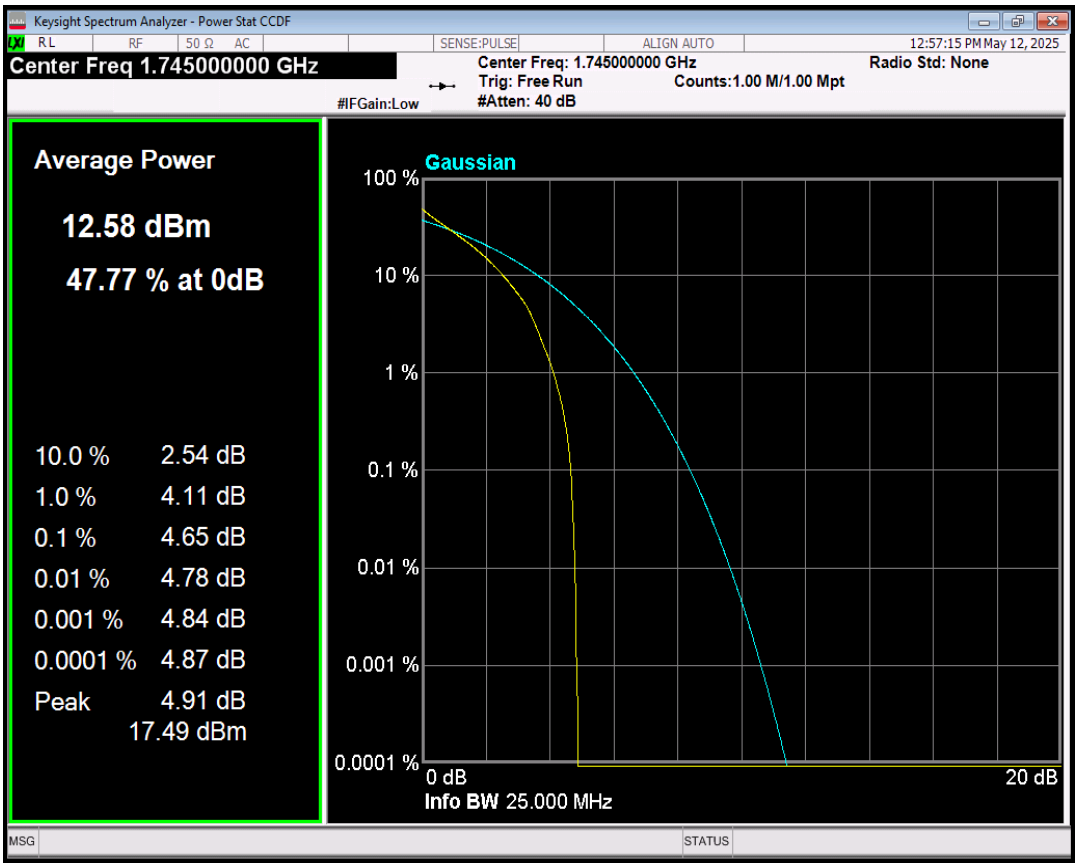

Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



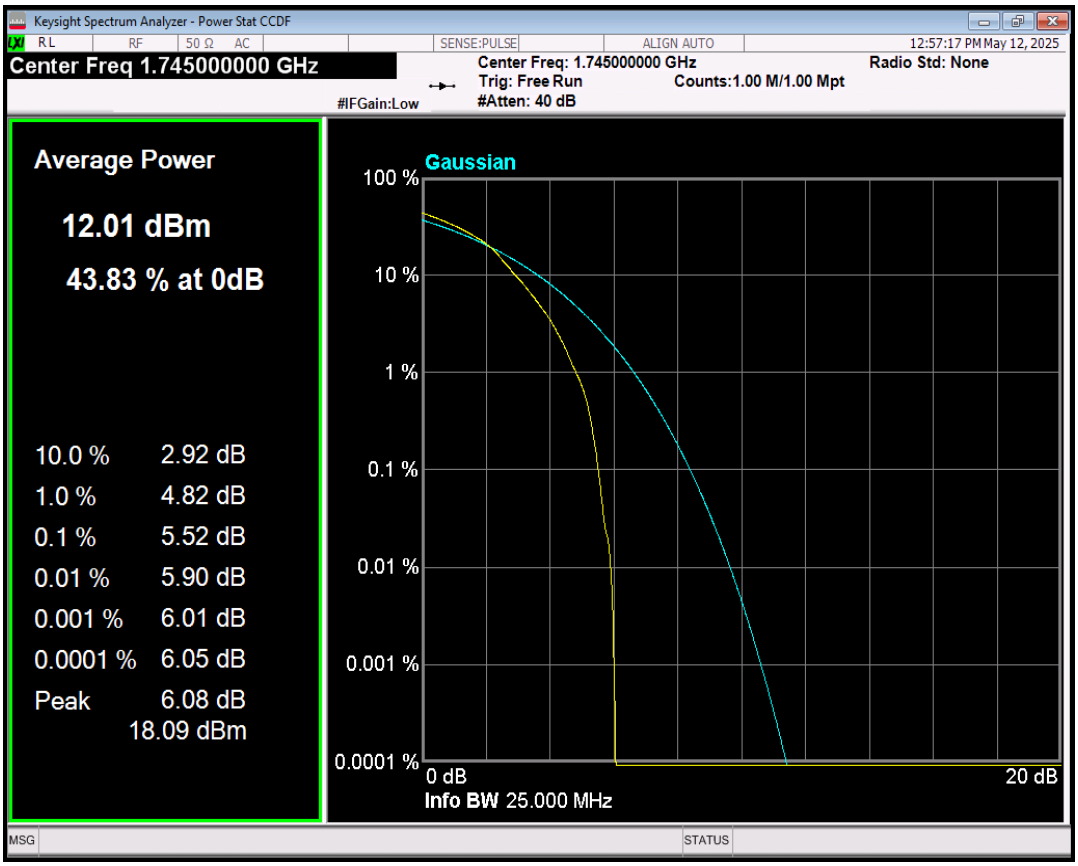

Band66 16QAM BW=10MHz Channel=132322 RB Size=1 Position=#0



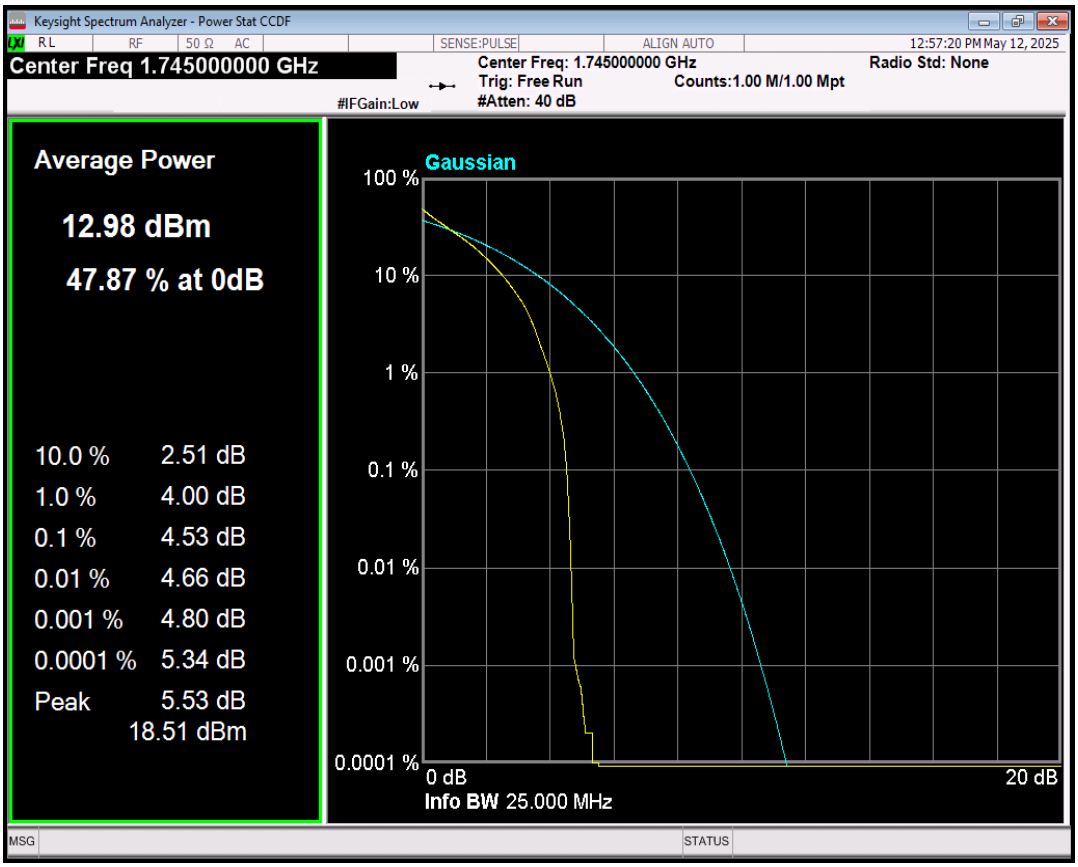

Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



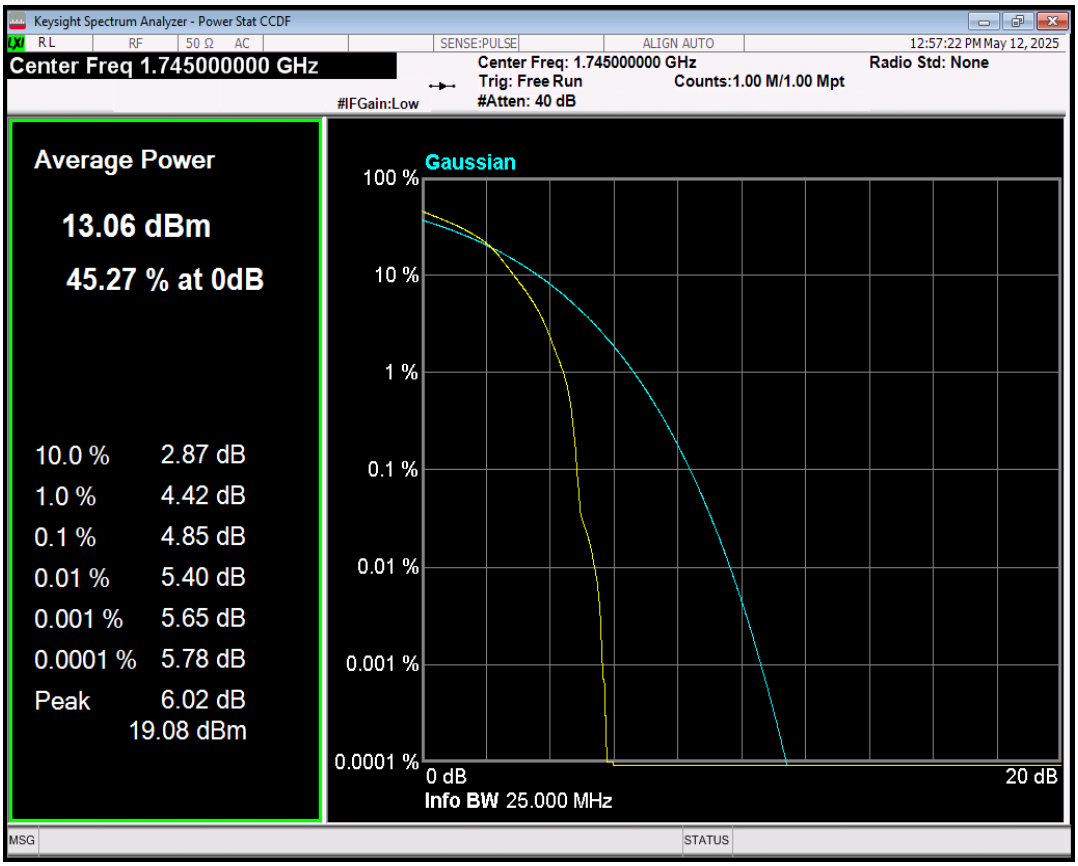

Band66 16QAM BW=15MHz Channel=132322 RB Size=1 Position=#0



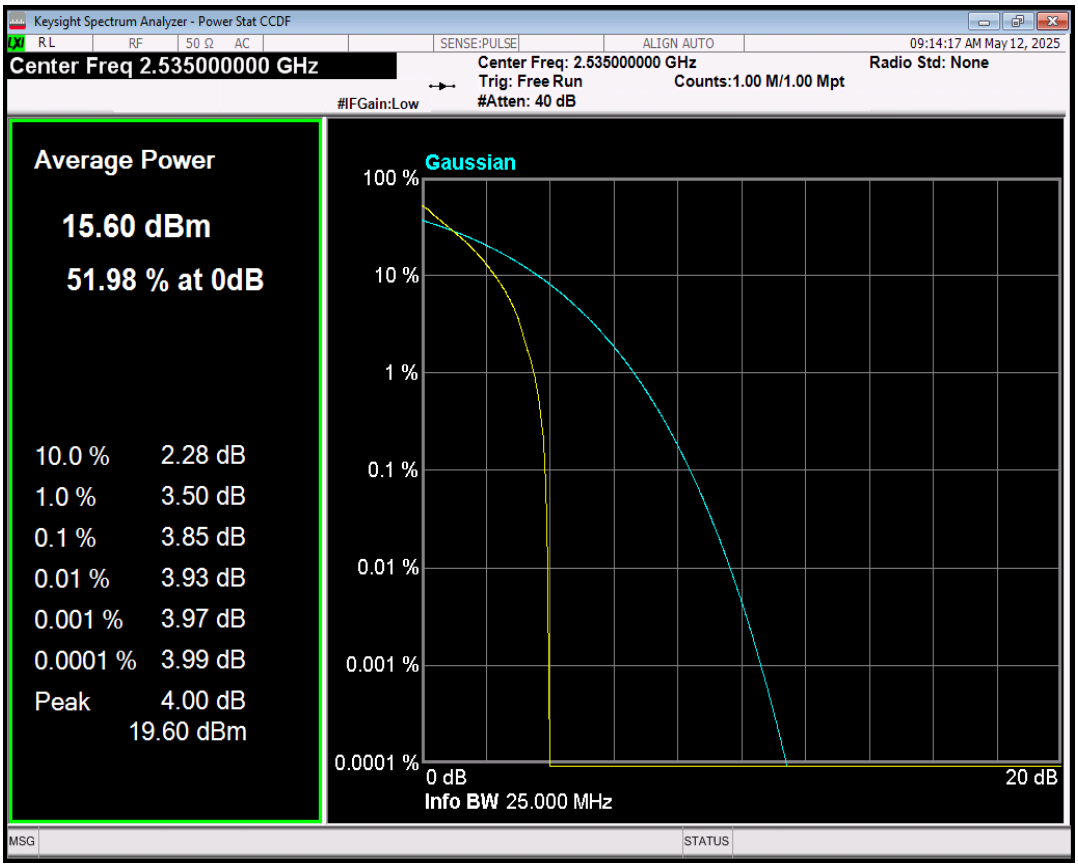

Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



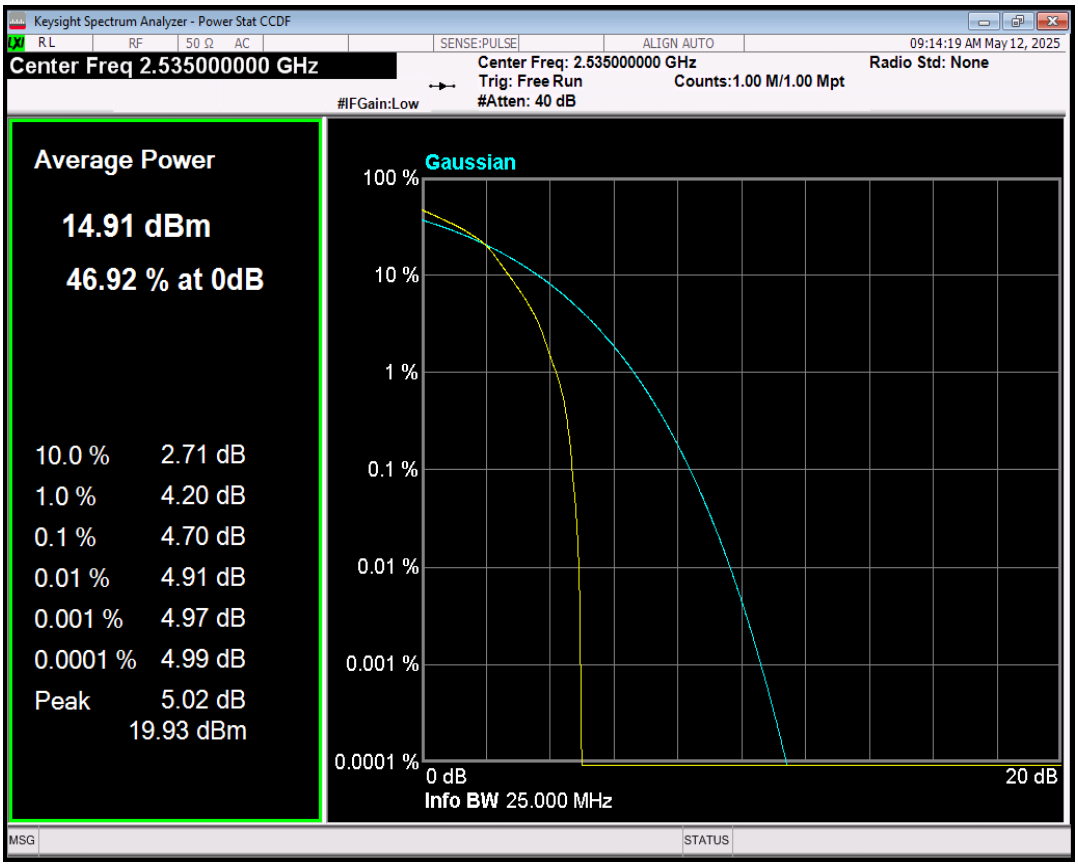

Band66 16QAM BW=20MHz Channel=132322 RB Size=1 Position=#0



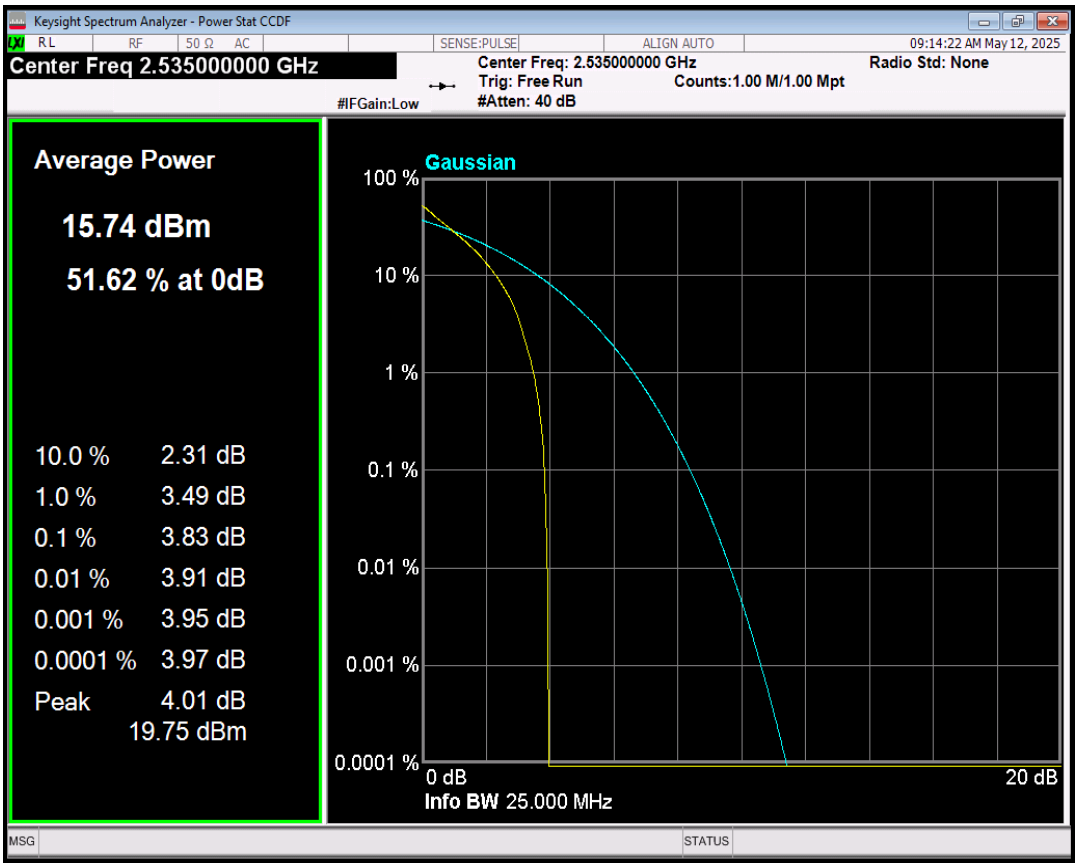

Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



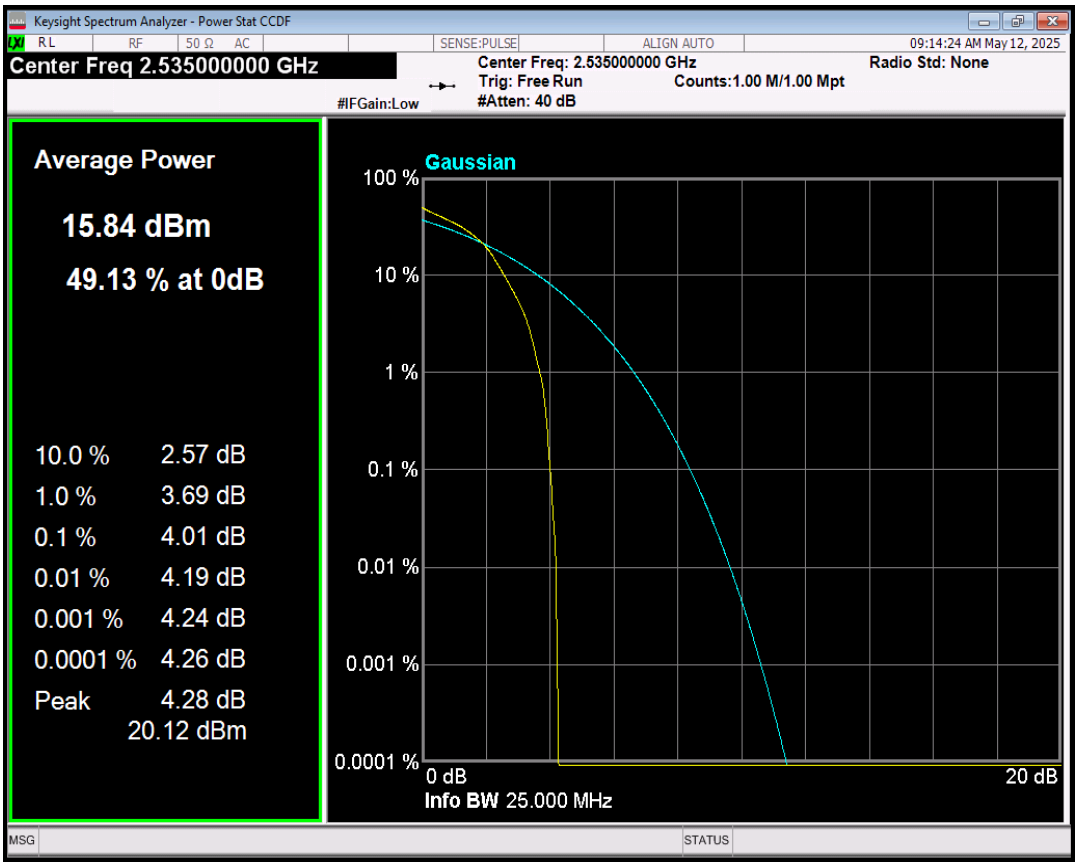

Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



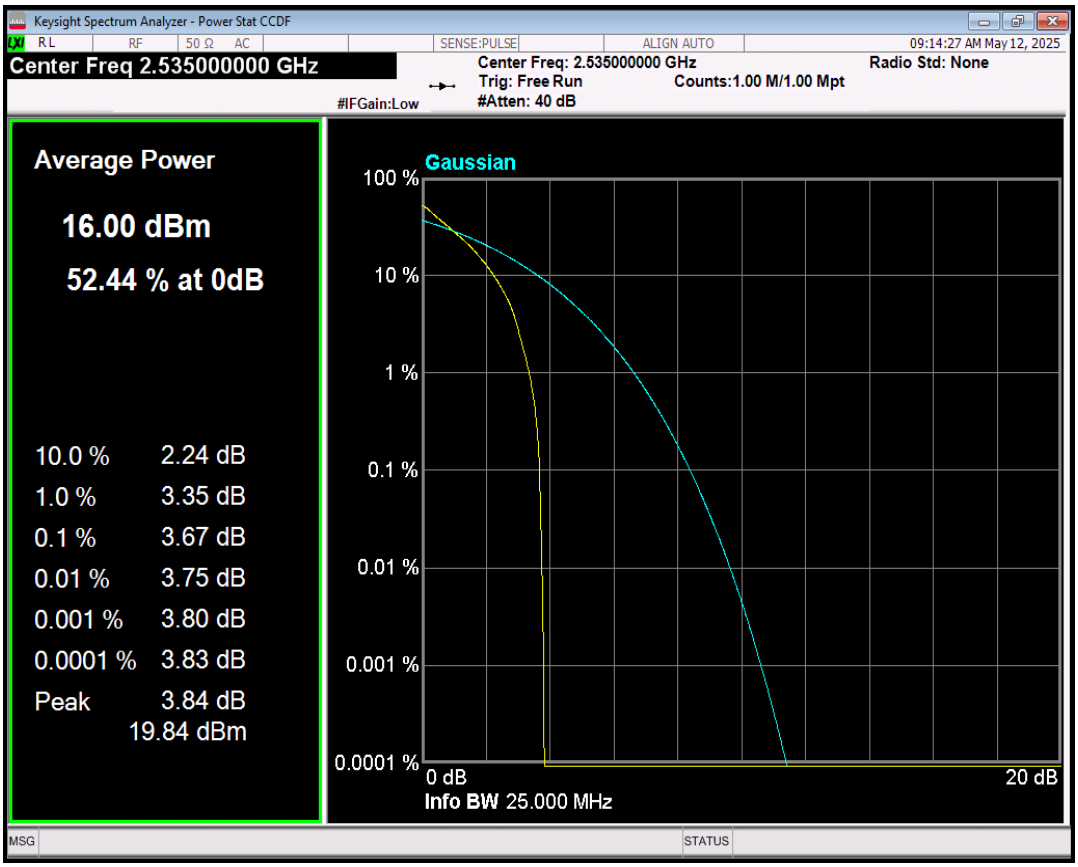

Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



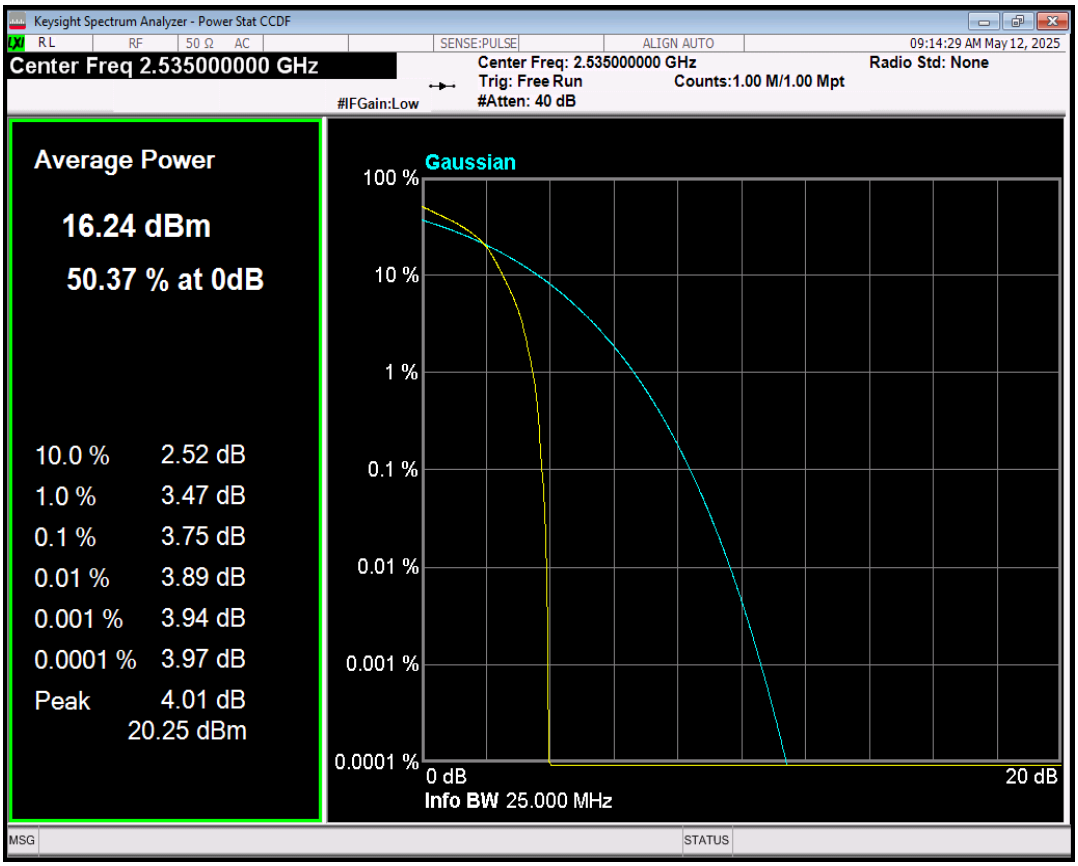

Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



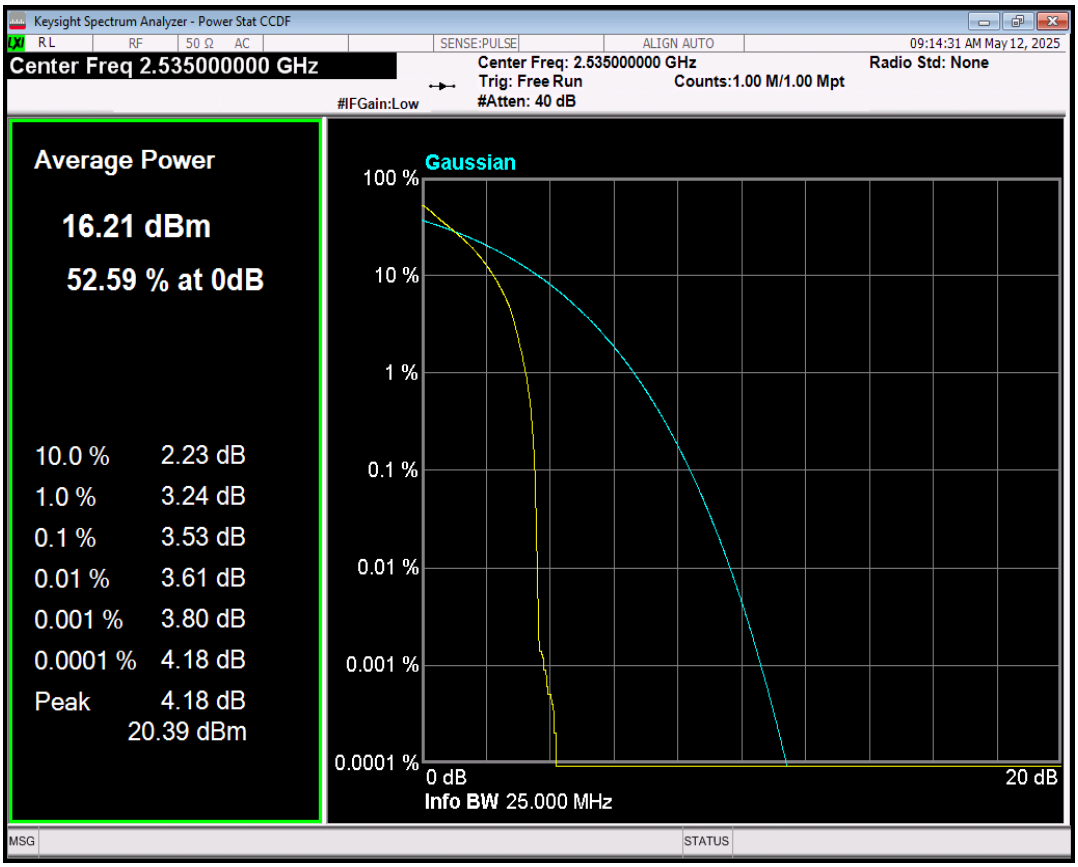

Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



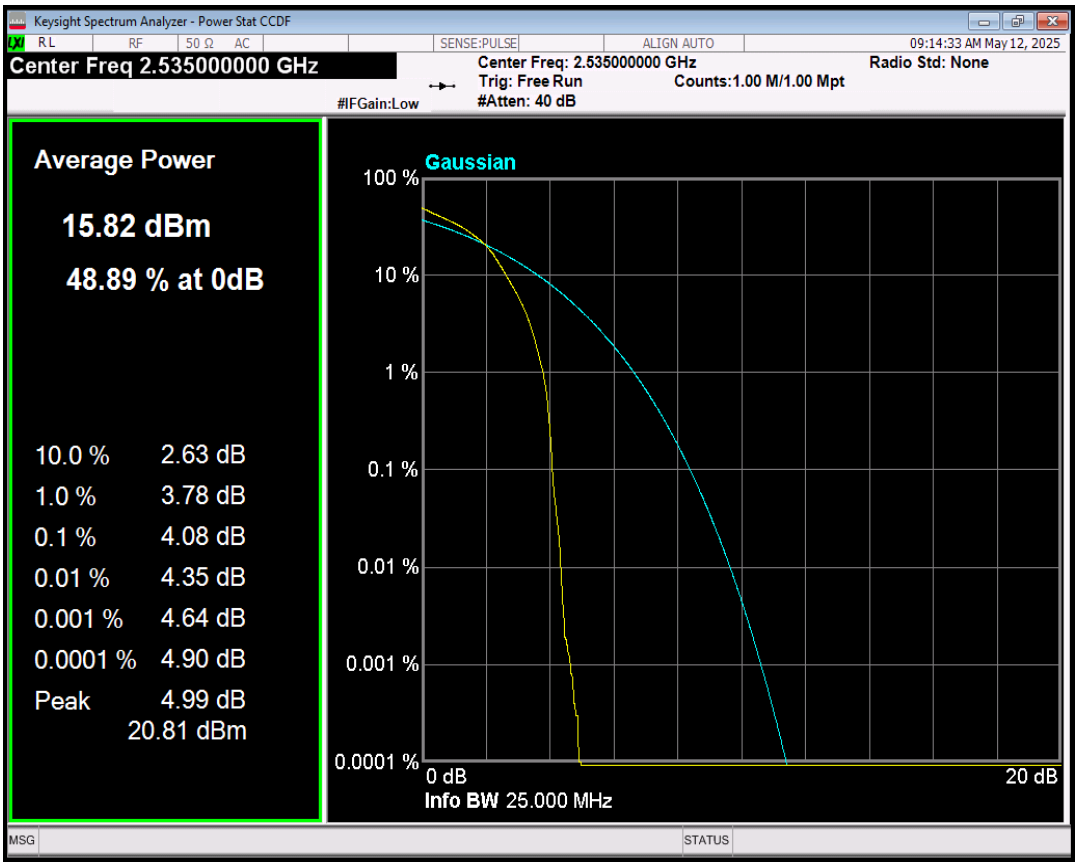

Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0




Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0




Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



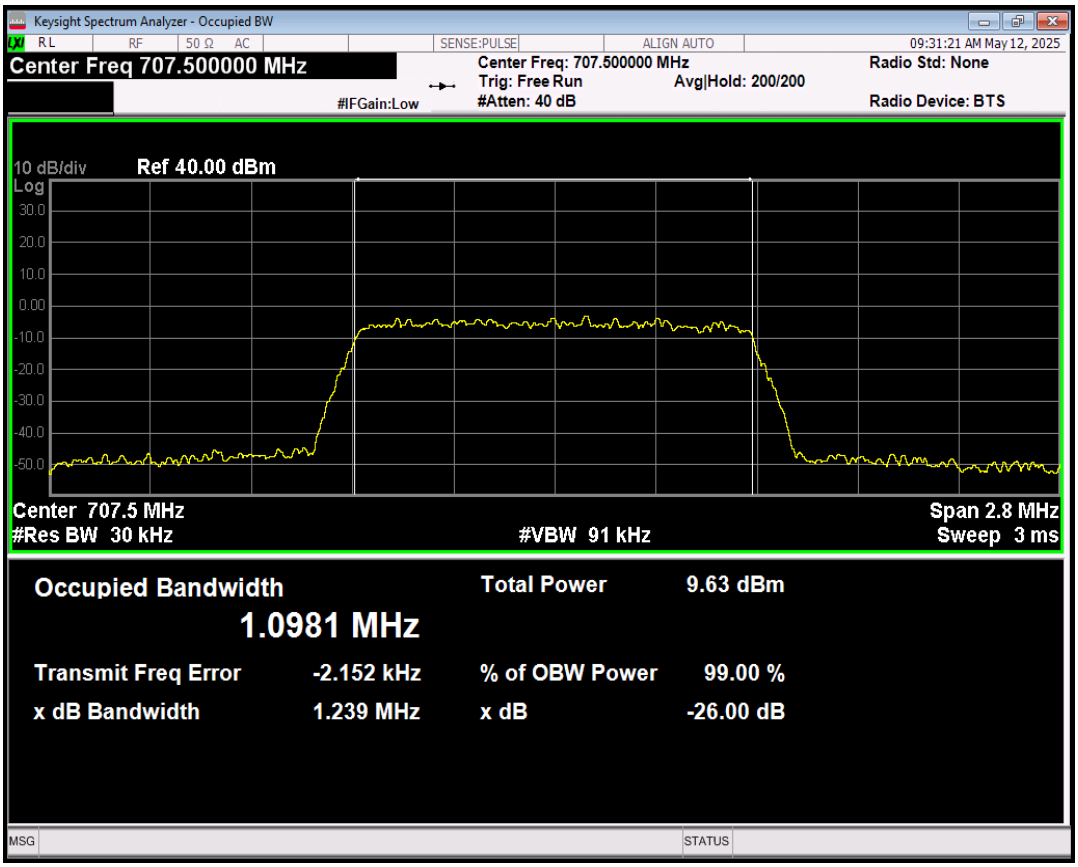

## 04 Occupied bandwidth

| Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|
| Band12 | 1.4 | 23095 | 6 | #0 | QPSK | 1.098 | 1.239 | PASS |
| Band12 | 1.4 | 23095 | 6 | #0 | 16QAM | 1.092 | 1.251 | PASS |
| Band12 | 3 | 23095 | 15 | #0 | QPSK | 2.719 | 3.047 | PASS |
| Band12 | 3 | 23095 | 15 | #0 | 16QAM | 2.707 | 3.031 | PASS |
| Band12 | 5 | 23095 | 25 | #0 | QPSK | 4.497 | 4.948 | PASS |
| Band12 | 5 | 23095 | 25 | #0 | 16QAM | 4.502 | 4.928 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK | 8.999 | 9.799 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | 16QAM | 8.988 | 9.807 | PASS |
| Band17 | 5 | 23790 | 25 | #0 | QPSK | 4.501 | 4.988 | PASS |
| Band17 | 5 | 23790 | 25 | #0 | 16QAM | 4.497 | 4.956 | PASS |
| Band17 | 10 | 23790 | 50 | #0 | QPSK | 9.040 | 9.817 | PASS |
| Band17 | 10 | 23790 | 50 | #0 | 16QAM | 8.994 | 9.779 | PASS |
| Band2 | 1.4 | 18900 | 6 | #0 | QPSK | 1.098 | 1.245 | PASS |
| Band2 | 1.4 | 18900 | 6 | #0 | 16QAM | 1.100 | 1.258 | PASS |
| Band2 | 3 | 18900 | 15 | #0 | QPSK | 2.713 | 3.035 | PASS |
| Band2 | 3 | 18900 | 15 | #0 | 16QAM | 2.711 | 3.036 | PASS |
| Band2 | 5 | 18900 | 25 | #0 | QPSK | 4.511 | 4.976 | PASS |
| Band2 | 5 | 18900 | 25 | #0 | 16QAM | 4.494 | 4.948 | PASS |
| Band2 | 10 | 18900 | 50 | #0 | QPSK | 8.996 | 9.867 | PASS |
| Band2 | 10 | 18900 | 50 | #0 | 16QAM | 8.987 | 9.766 | PASS |
| Band2 | 15 | 18900 | 75 | #0 | QPSK | 13.481 | 14.842 | PASS |
| Band2 | 15 | 18900 | 75 | #0 | 16QAM | 13.518 | 14.922 | PASS |
| Band2 | 20 | 18900 | 100 | #0 | QPSK | 18.026 | 19.613 | PASS |
| Band2 | 20 | 18900 | 100 | #0 | 16QAM | 18.053 | 19.804 | PASS |
| Band25 | 1.4 | 26365 | 6 | #0 | QPSK | 1.096 | 1.256 | PASS |
| Band25 | 1.4 | 26365 | 6 | #0 | 16QAM | 1.096 | 1.256 | PASS |
| Band25 | 3 | 26365 | 15 | #0 | QPSK | 2.721 | 3.049 | PASS |
| Band25 | 3 | 26365 | 15 | #0 | 16QAM | 2.728 | 3.048 | PASS |
| Band25 | 5 | 26365 | 25 | #0 | QPSK | 4.483 | 4.954 | PASS |
| Band25 | 5 | 26365 | 25 | #0 | 16QAM | 4.515 | 4.909 | PASS |
| Band25 | 10 | 26365 | 50 | #0 | QPSK | 9.024 | 9.809 | PASS |
| Band25 | 10 | 26365 | 50 | #0 | 16QAM | 8.989 | 9.832 | PASS |
| Band25 | 15 | 26365 | 75 | #0 | QPSK | 13.557 | 14.863 | PASS |
| Band25 | 15 | 26365 | 75 | #0 | 16QAM | 13.543 | 14.987 | PASS |
| Band25 | 20 | 26365 | 100 | #0 | QPSK | 18.096 | 19.781 | PASS |
| Band25 | 20 | 26365 | 100 | #0 | 16QAM | 18.077 | 19.876 | PASS |
| Band26(814-824) | 1.4 | 26740 | 6 | #0 | QPSK | 1.094 | 1.244 | PASS |
| Band26(814-824) | 1.4 | 26740 | 6 | #0 | 16QAM | 1.095 | 1.250 | PASS |
| Band26(814-824) | 3 | 26740 | 15 | #0 | QPSK | 2.709 | 3.047 | PASS |
| Band26(814-824) | 3 | 26740 | 15 | #0 | 16QAM | 2.710 | 3.042 | PASS |
| Band26(814-824) | 5 | 26740 | 25 | #0 | QPSK | 4.487 | 4.925 | PASS |
| Band26(814-824) | 5 | 26740 | 25 | #0 | 16QAM | 4.512 | 4.931 | PASS |

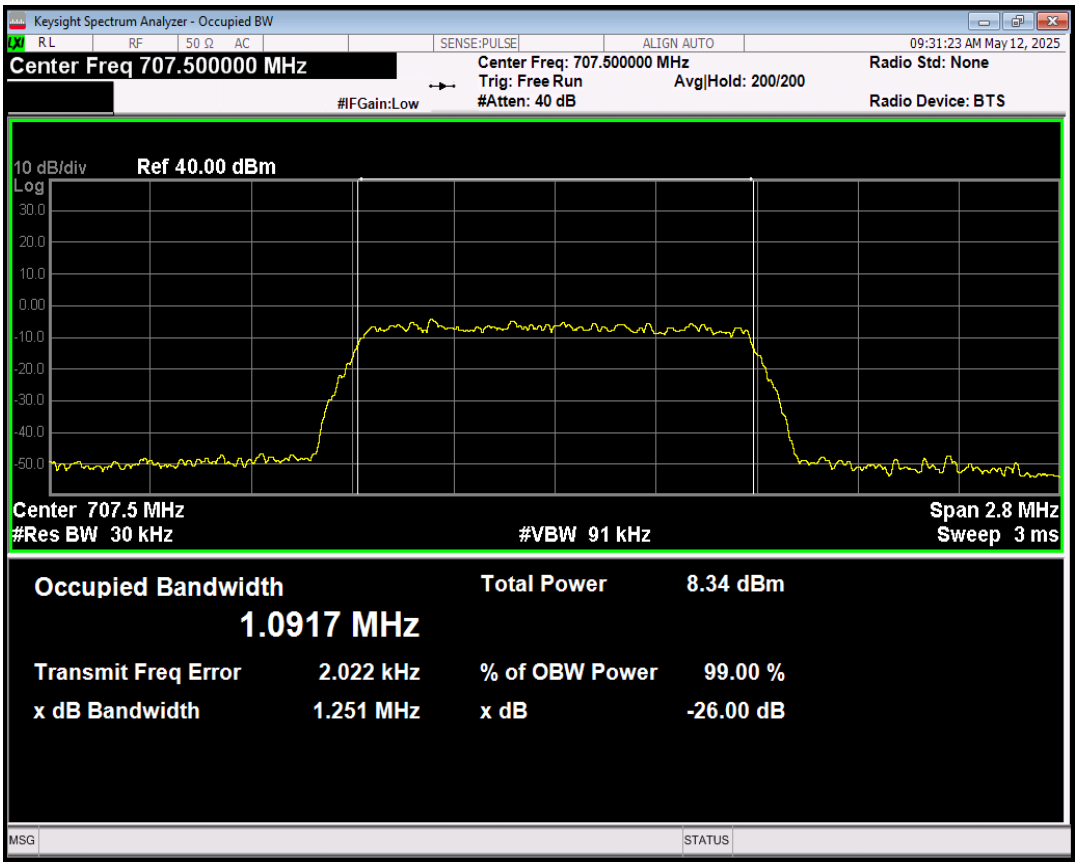
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band26(814-824) | 10 | 26740 | 50 | #0 | QPSK | 8.985 | 9.929 | PASS |
| Band26(814-824) | 10 | 26740 | 50 | #0 | 16QAM | 8.987 | 9.809 | PASS |
| Band26(824-849) | 1.4 | 26915 | 6 | #0 | QPSK | 1.096 | 1.245 | PASS |
| Band26(824-849) | 1.4 | 26915 | 6 | #0 | 16QAM | 1.095 | 1.248 | PASS |
| Band26(824-849) | 3 | 26915 | 15 | #0 | QPSK | 2.711 | 3.043 | PASS |
| Band26(824-849) | 3 | 26915 | 15 | #0 | 16QAM | 2.715 | 3.048 | PASS |
| Band26(824-849) | 5 | 26915 | 25 | #0 | QPSK | 4.495 | 4.913 | PASS |
| Band26(824-849) | 5 | 26915 | 25 | #0 | 16QAM | 4.494 | 4.972 | PASS |
| Band26(824-849) | 10 | 26915 | 50 | #0 | QPSK | 9.011 | 9.782 | PASS |
| Band26(824-849) | 10 | 26915 | 50 | #0 | 16QAM | 8.970 | 9.852 | PASS |
| Band26(824-849) | 15 | 26915 | 75 | #0 | QPSK | 13.426 | 14.728 | PASS |
| Band26(824-849) | 15 | 26915 | 75 | #0 | 16QAM | 13.453 | 15.025 | PASS |
| Band38 | 5 | 38000 | 25 | #0 | QPSK | 4.506 | 5.371 | PASS |
| Band38 | 5 | 38000 | 25 | #0 | 16QAM | 4.511 | 5.103 | PASS |
| Band38 | 10 | 38000 | 50 | #0 | QPSK | 8.974 | 9.757 | PASS |
| Band38 | 10 | 38000 | 50 | #0 | 16QAM | 8.984 | 9.892 | PASS |
| Band38 | 15 | 38000 | 75 | #0 | QPSK | 13.491 | 14.812 | PASS |
| Band38 | 15 | 38000 | 75 | #0 | 16QAM | 13.457 | 15.516 | PASS |
| Band38 | 20 | 38000 | 100 | #0 | QPSK | 17.983 | 19.410 | PASS |
| Band38 | 20 | 38000 | 100 | #0 | 16QAM | 18.007 | 19.876 | PASS |
| Band4 | 1.4 | 20175 | 6 | #0 | QPSK | 1.098 | 1.240 | PASS |
| Band4 | 1.4 | 20175 | 6 | #0 | 16QAM | 1.098 | 1.251 | PASS |
| Band4 | 3 | 20175 | 15 | #0 | QPSK | 2.715 | 3.066 | PASS |
| Band4 | 3 | 20175 | 15 | #0 | 16QAM | 2.709 | 2.997 | PASS |
| Band4 | 5 | 20175 | 25 | #0 | QPSK | 4.492 | 4.973 | PASS |
| Band4 | 5 | 20175 | 25 | #0 | 16QAM | 4.502 | 4.947 | PASS |
| Band4 | 10 | 20175 | 50 | #0 | QPSK | 8.976 | 9.742 | PASS |
| Band4 | 10 | 20175 | 50 | #0 | 16QAM | 8.968 | 9.794 | PASS |
| Band4 | 15 | 20175 | 75 | #0 | QPSK | 13.441 | 14.780 | PASS |
| Band4 | 15 | 20175 | 75 | #0 | 16QAM | 13.422 | 14.890 | PASS |
| Band4 | 20 | 20175 | 100 | #0 | QPSK | 17.934 | 19.290 | PASS |
| Band4 | 20 | 20175 | 100 | #0 | 16QAM | 17.947 | 19.535 | PASS |
| Band41(2535-2655) | 5 | 40640 | 25 | #0 | QPSK | 4.510 | 4.932 | PASS |
| Band41(2535-2655) | 5 | 40640 | 25 | #0 | 16QAM | 4.502 | 4.921 | PASS |
| Band41(2535-2655) | 10 | 40640 | 50 | #0 | QPSK | 9.002 | 9.969 | PASS |
| Band41(2535-2655) | 10 | 40640 | 50 | #0 | 16QAM | 9.000 | 9.850 | PASS |
| Band41(2535-2655) | 15 | 40640 | 75 | #0 | QPSK | 13.475 | 15.314 | PASS |
| Band41(2535-2655) | 15 | 40640 | 75 | #0 | 16QAM | 13.486 | 14.942 | PASS |
| Band41(2535-2655) | 20 | 40640 | 100 | #0 | QPSK | 17.927 | 19.523 | PASS |
| Band41(2535-2655) | 20 | 40640 | 100 | #0 | 16QAM | 17.996 | 20.275 | PASS |
| Band5 | 1.4 | 20525 | 6 | #0 | QPSK | 1.096 | 1.241 | PASS |
| Band5 | 1.4 | 20525 | 6 | #0 | 16QAM | 1.098 | 1.243 | PASS |
| Band5 | 3 | 20525 | 15 | #0 | QPSK | 2.734 | 2.970 | PASS |
| Band5 | 3 | 20525 | 15 | #0 | 16QAM | 2.706 | 3.029 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band5 | 5 | 20525 | 25 | #0 | QPSK | 4.494 | 4.965 | PASS |
| Band5 | 5 | 20525 | 25 | #0 | 16QAM | 4.505 | 4.955 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK | 9.000 | 9.890 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | 16QAM | 8.970 | 9.865 | PASS |
| Band66 | 1.4 | 132322 | 6 | #0 | QPSK | 1.091 | 1.249 | PASS |
| Band66 | 1.4 | 132322 | 6 | #0 | 16QAM | 1.094 | 1.243 | PASS |
| Band66 | 3 | 132322 | 15 | #0 | QPSK | 2.708 | 3.026 | PASS |
| Band66 | 3 | 132322 | 15 | #0 | 16QAM | 2.711 | 3.032 | PASS |
| Band66 | 5 | 132322 | 25 | #0 | QPSK | 4.499 | 4.941 | PASS |
| Band66 | 5 | 132322 | 25 | #0 | 16QAM | 4.492 | 4.947 | PASS |
| Band66 | 10 | 132322 | 50 | #0 | QPSK | 9.025 | 9.882 | PASS |
| Band66 | 10 | 132322 | 50 | #0 | 16QAM | 8.967 | 9.744 | PASS |
| Band66 | 15 | 132322 | 75 | #0 | QPSK | 13.486 | 14.701 | PASS |
| Band66 | 15 | 132322 | 75 | #0 | 16QAM | 13.525 | 14.956 | PASS |
| Band66 | 20 | 132322 | 100 | #0 | QPSK | 18.035 | 19.450 | PASS |
| Band66 | 20 | 132322 | 100 | #0 | 16QAM | 18.000 | 19.583 | PASS |
| Band7 | 5 | 21100 | 25 | #0 | QPSK | 4.493 | 4.964 | PASS |
| Band7 | 5 | 21100 | 25 | #0 | 16QAM | 4.499 | 4.939 | PASS |
| Band7 | 10 | 21100 | 50 | #0 | QPSK | 9.010 | 9.808 | PASS |
| Band7 | 10 | 21100 | 50 | #0 | 16QAM | 8.978 | 9.767 | PASS |
| Band7 | 15 | 21100 | 75 | #0 | QPSK | 13.505 | 14.829 | PASS |
| Band7 | 15 | 21100 | 75 | #0 | 16QAM | 13.492 | 14.733 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK | 17.946 | 19.743 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | 16QAM | 17.947 | 19.640 | PASS |

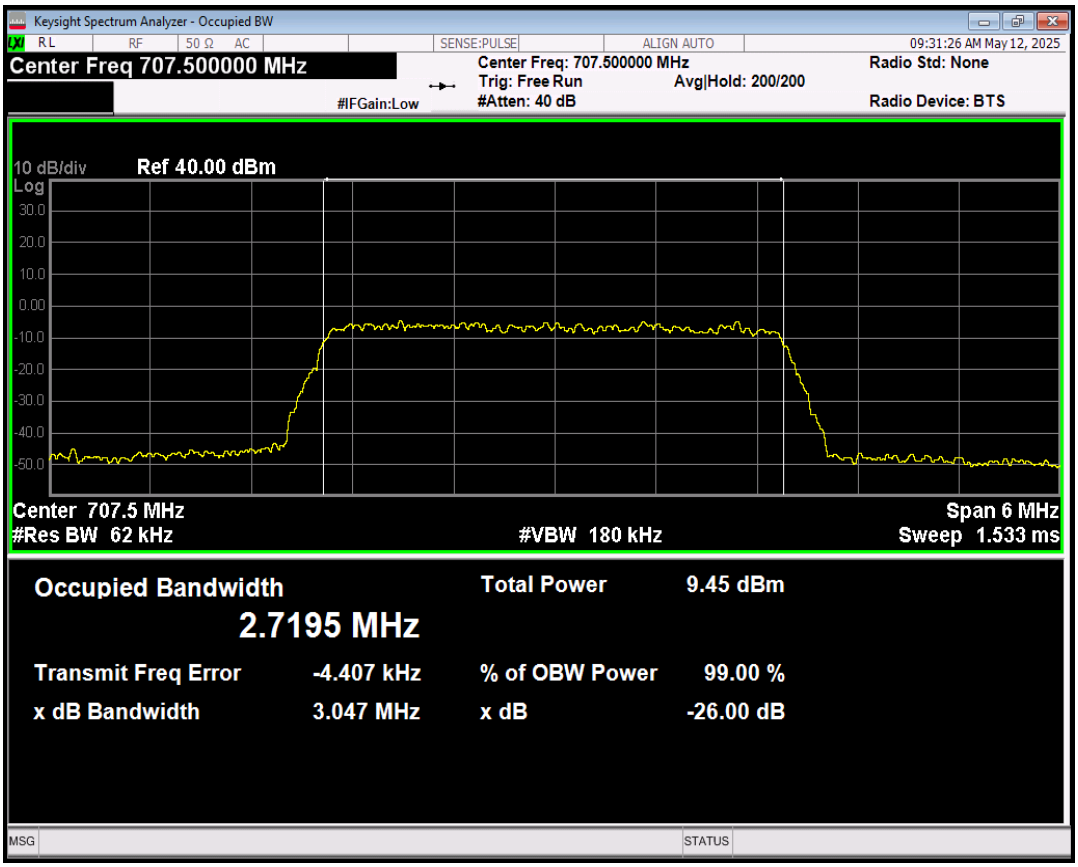
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



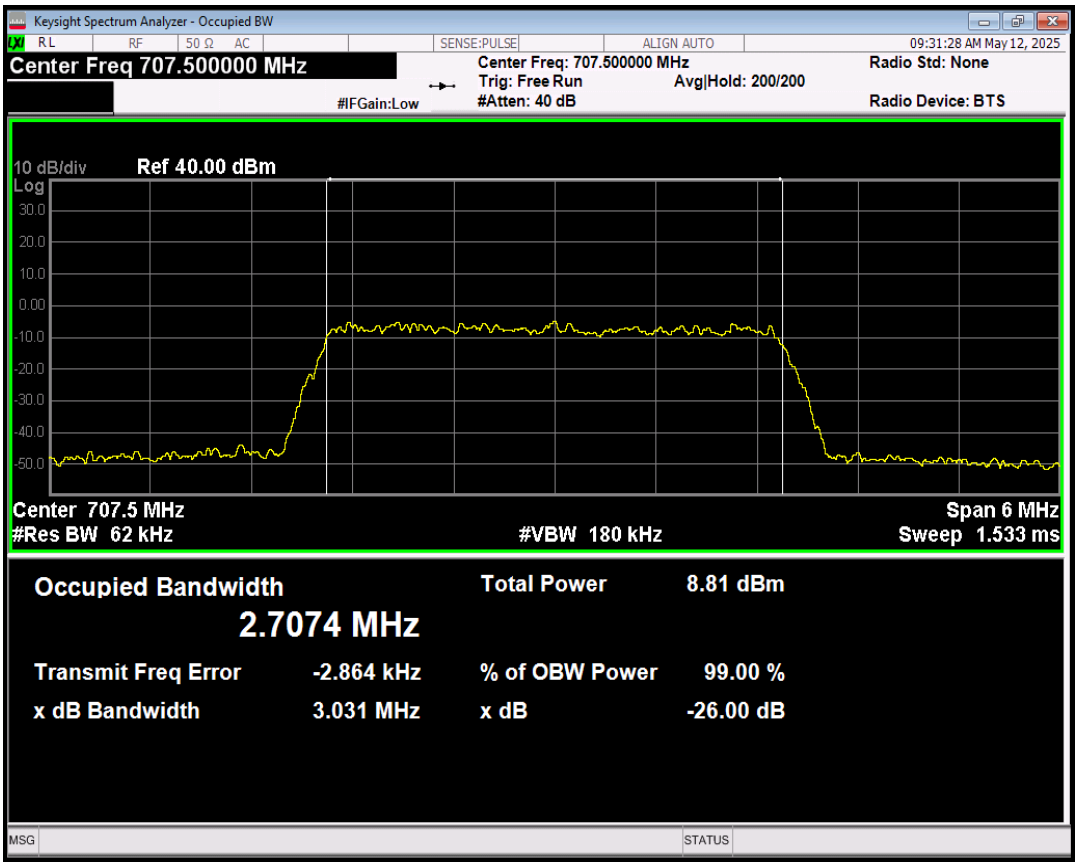

Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



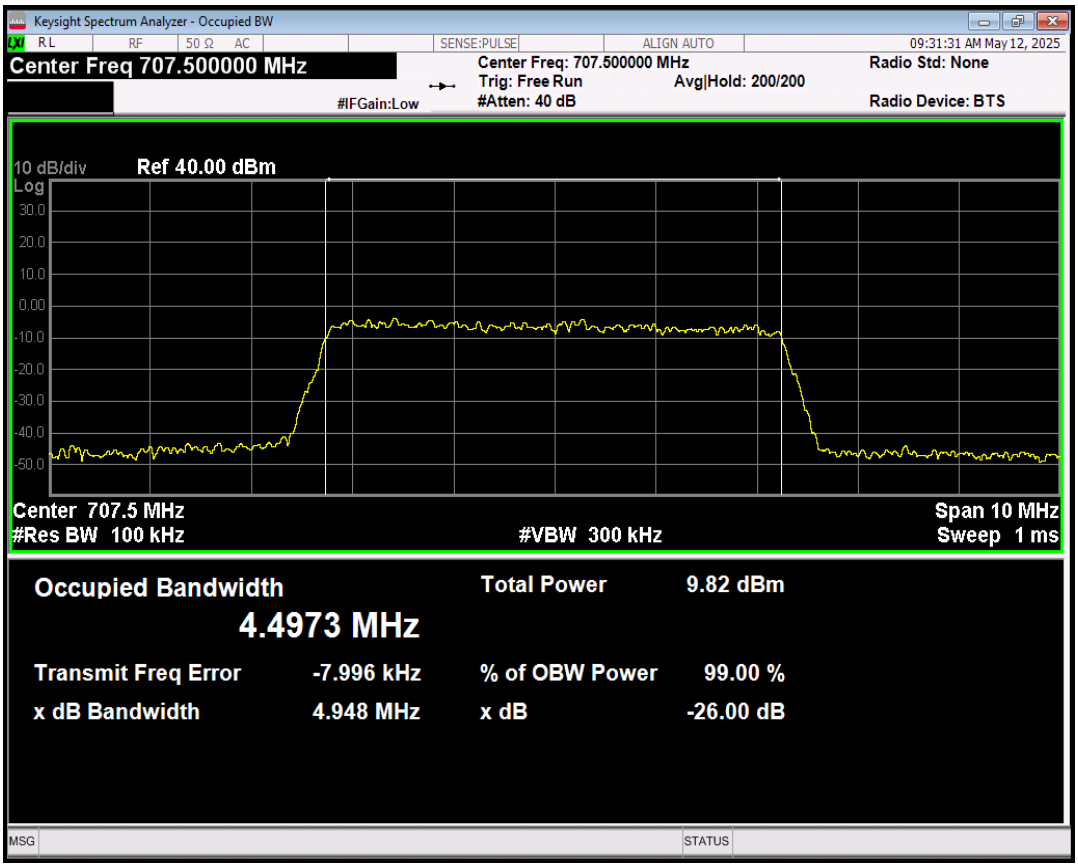

Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



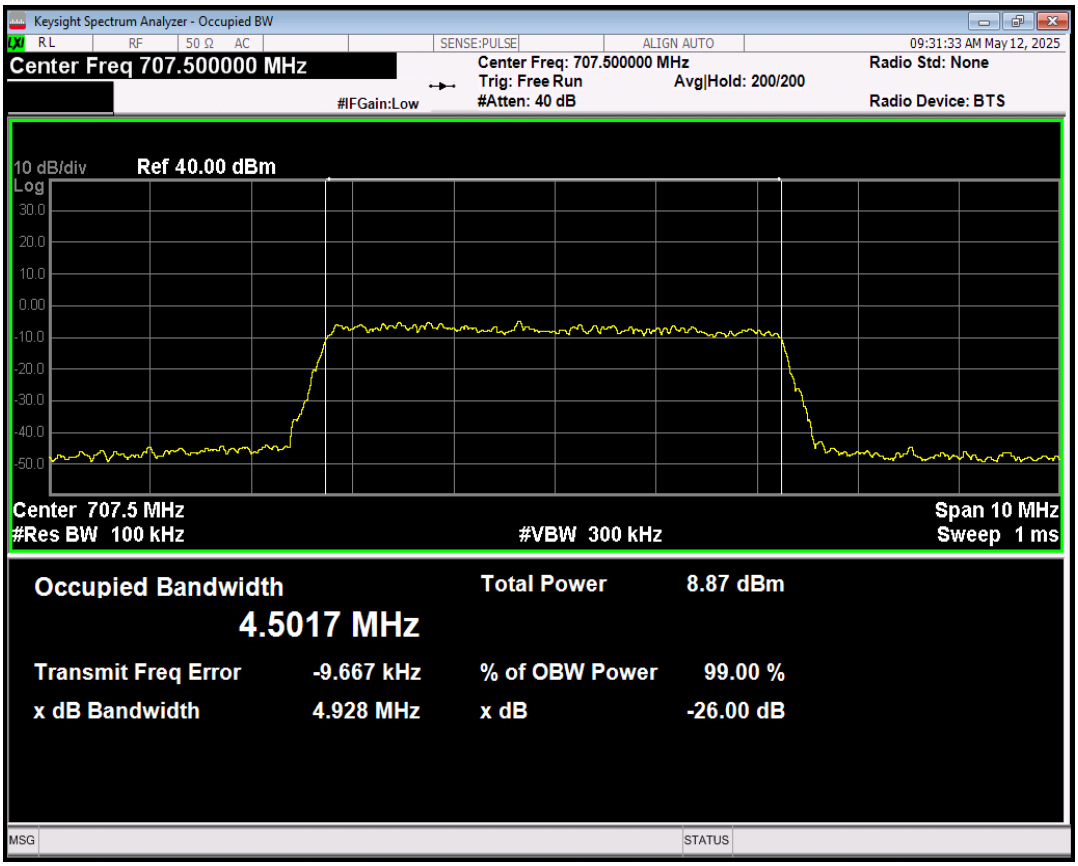

Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



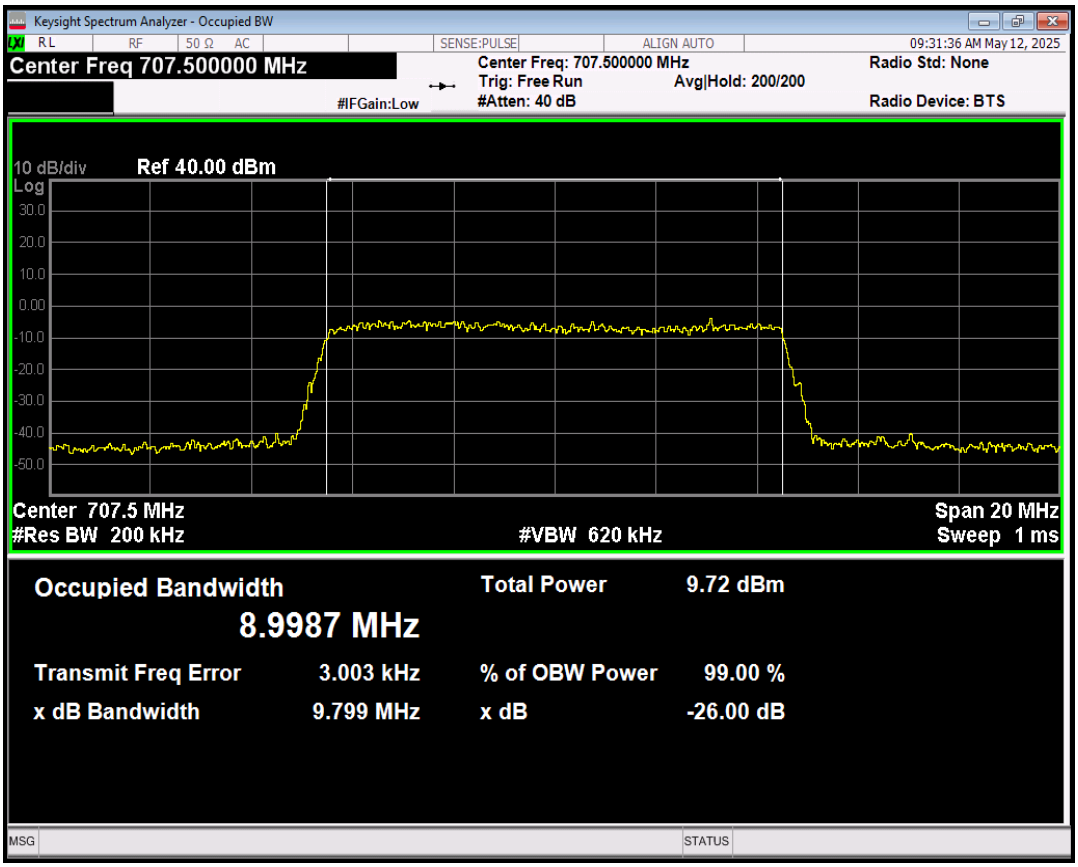

Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



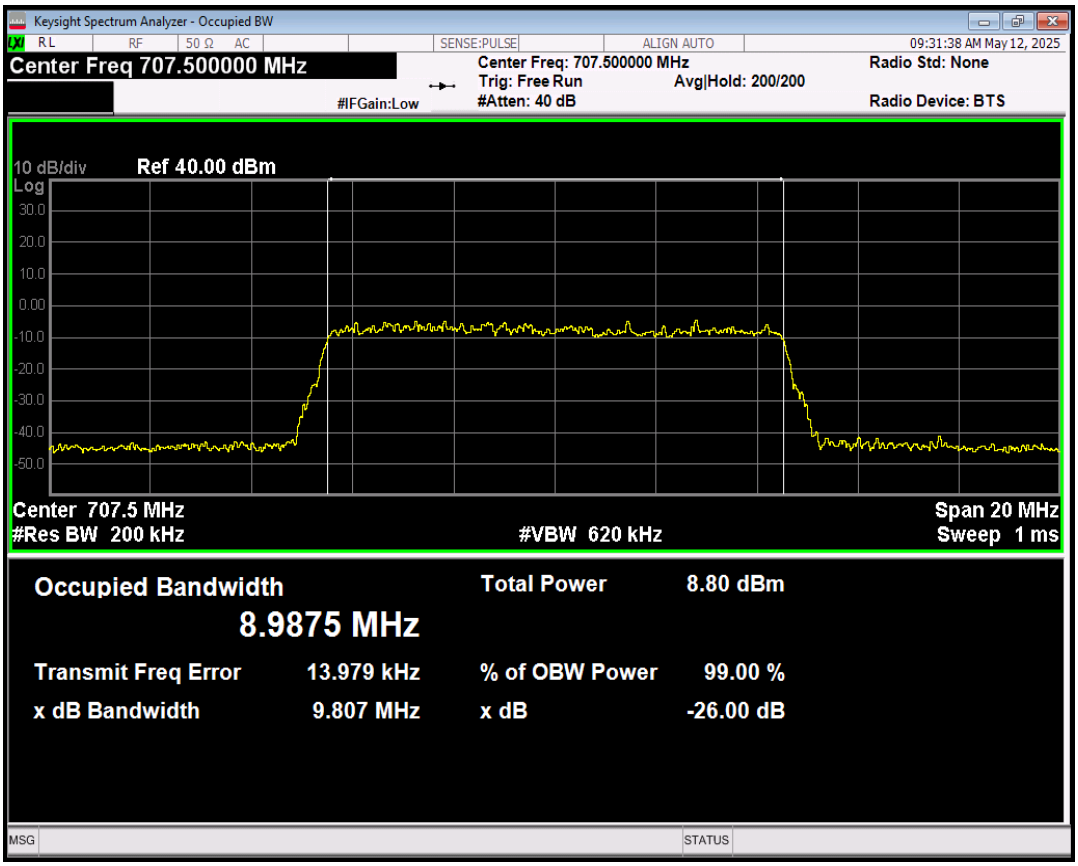

Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



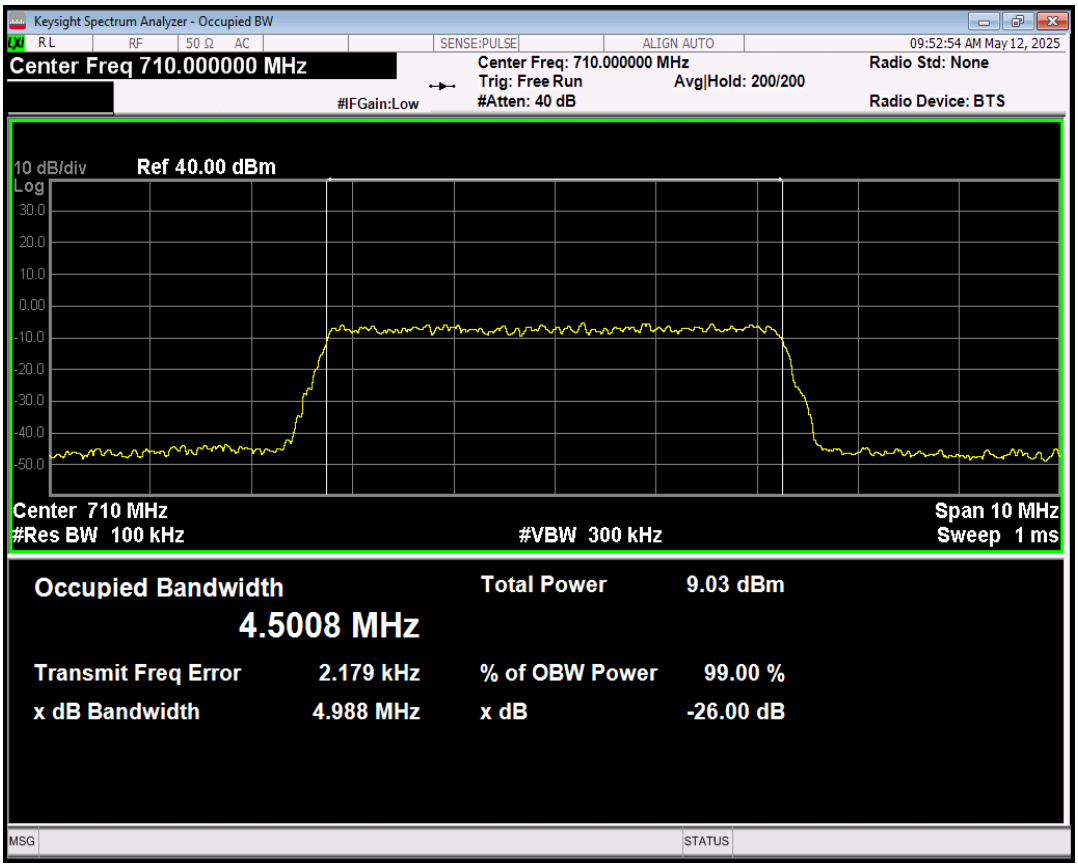

Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



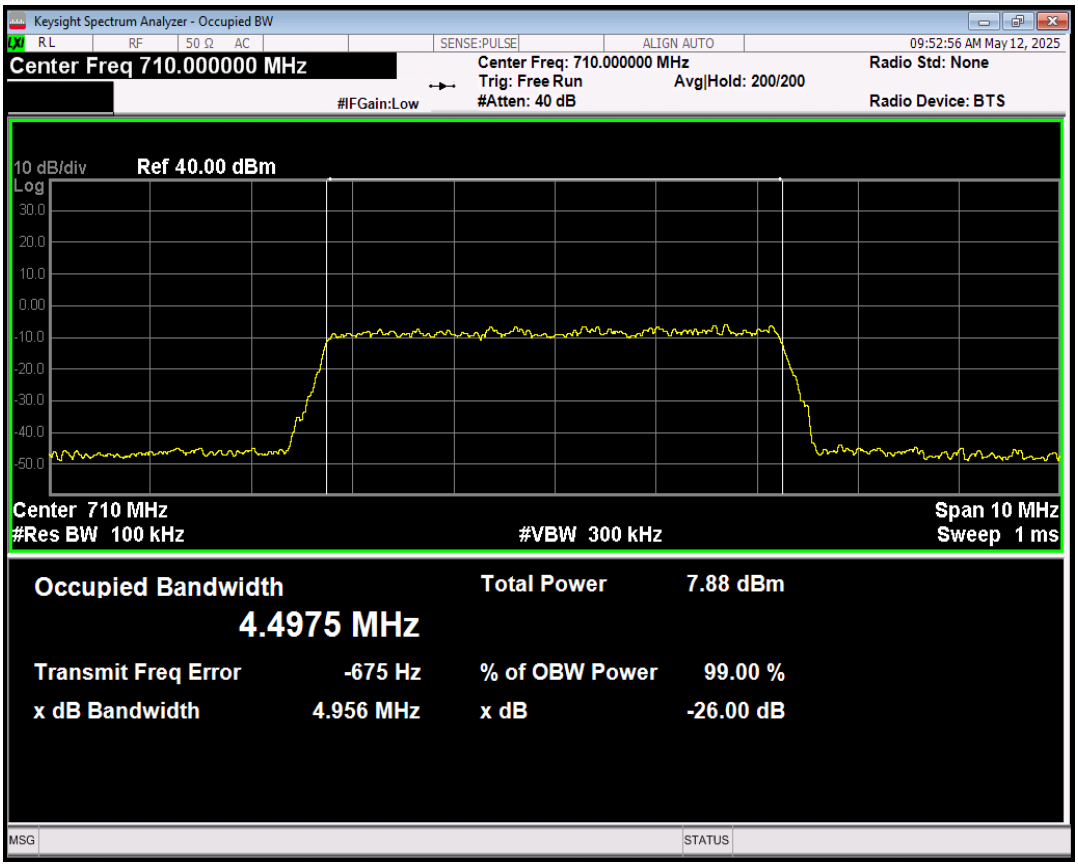

Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



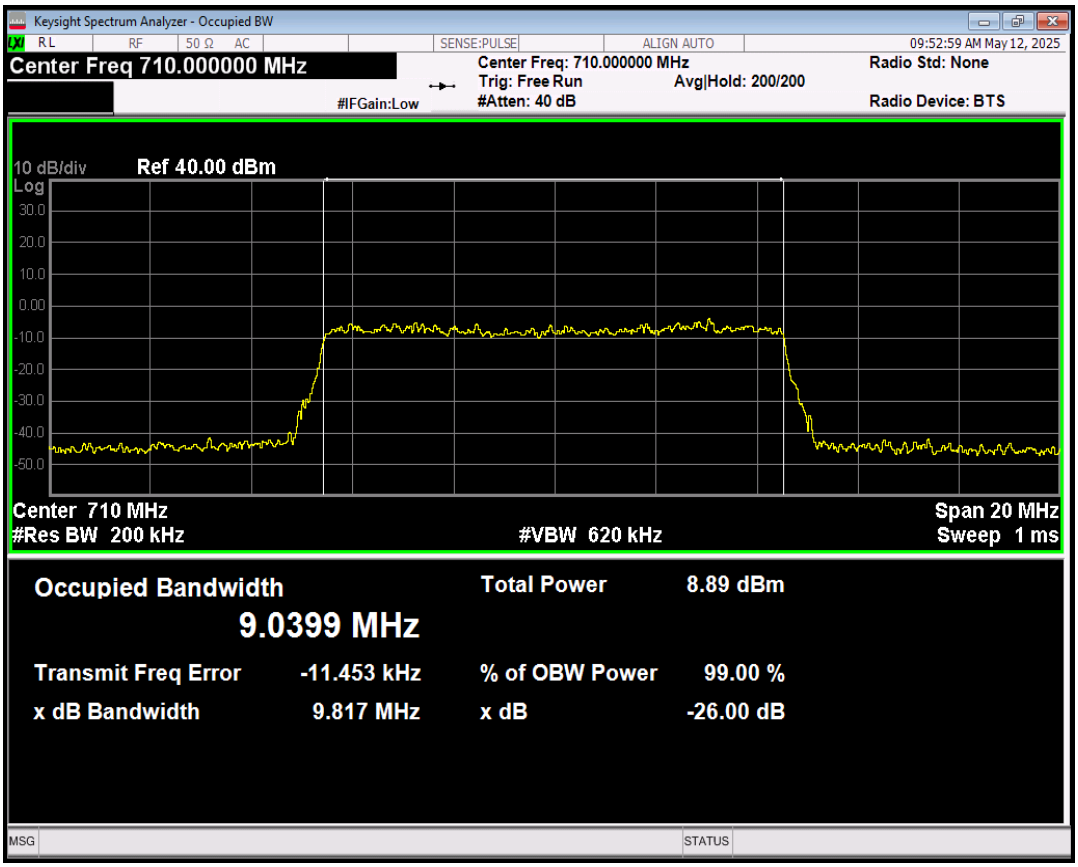

Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



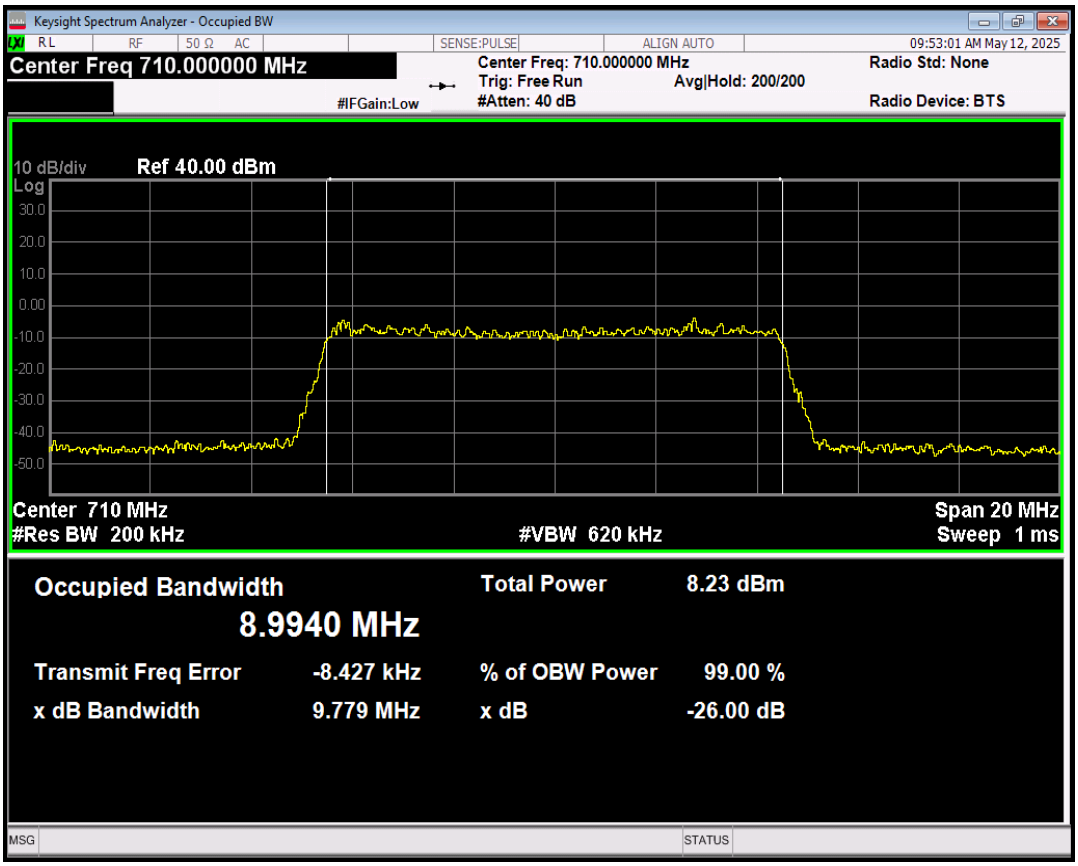

Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



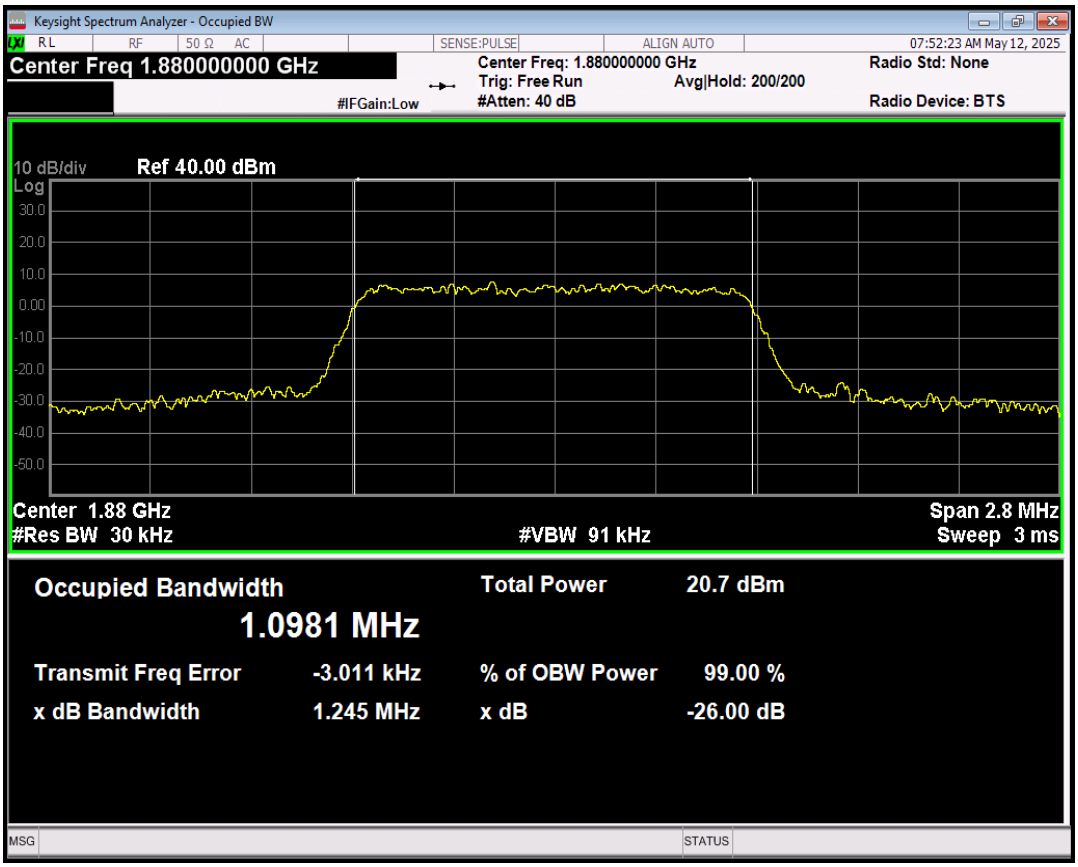

Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



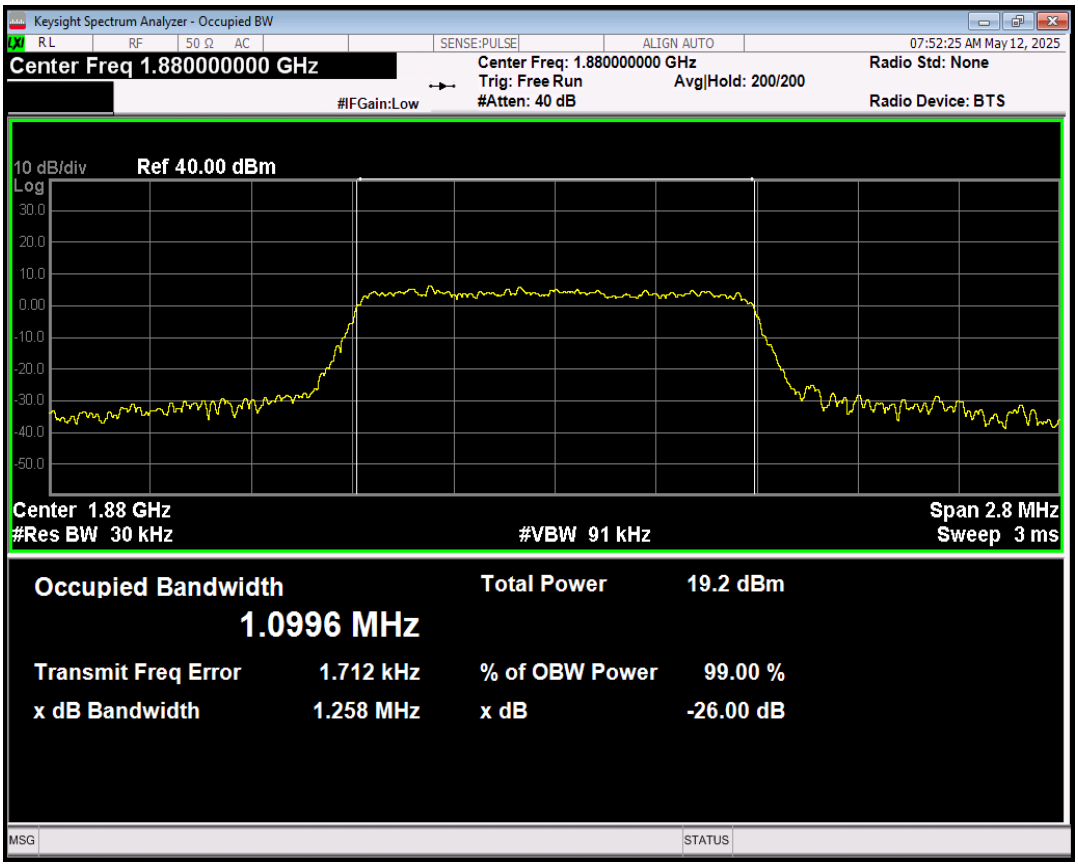

Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



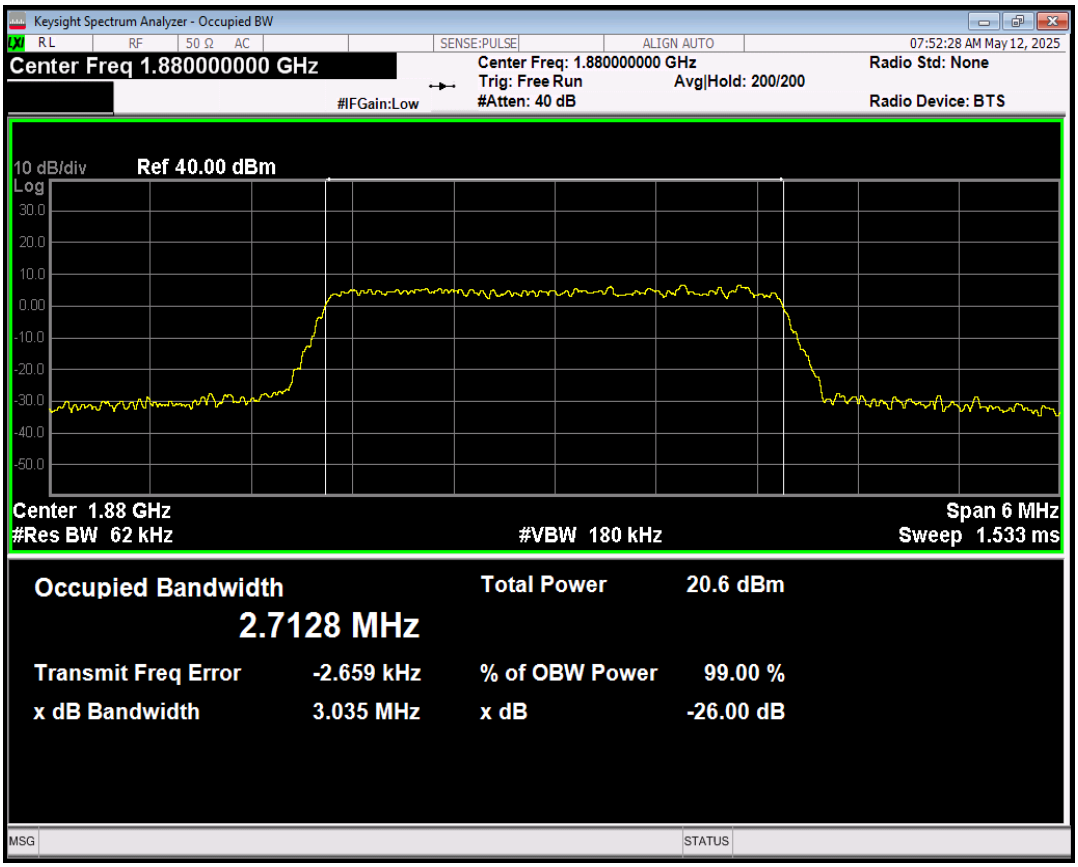

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



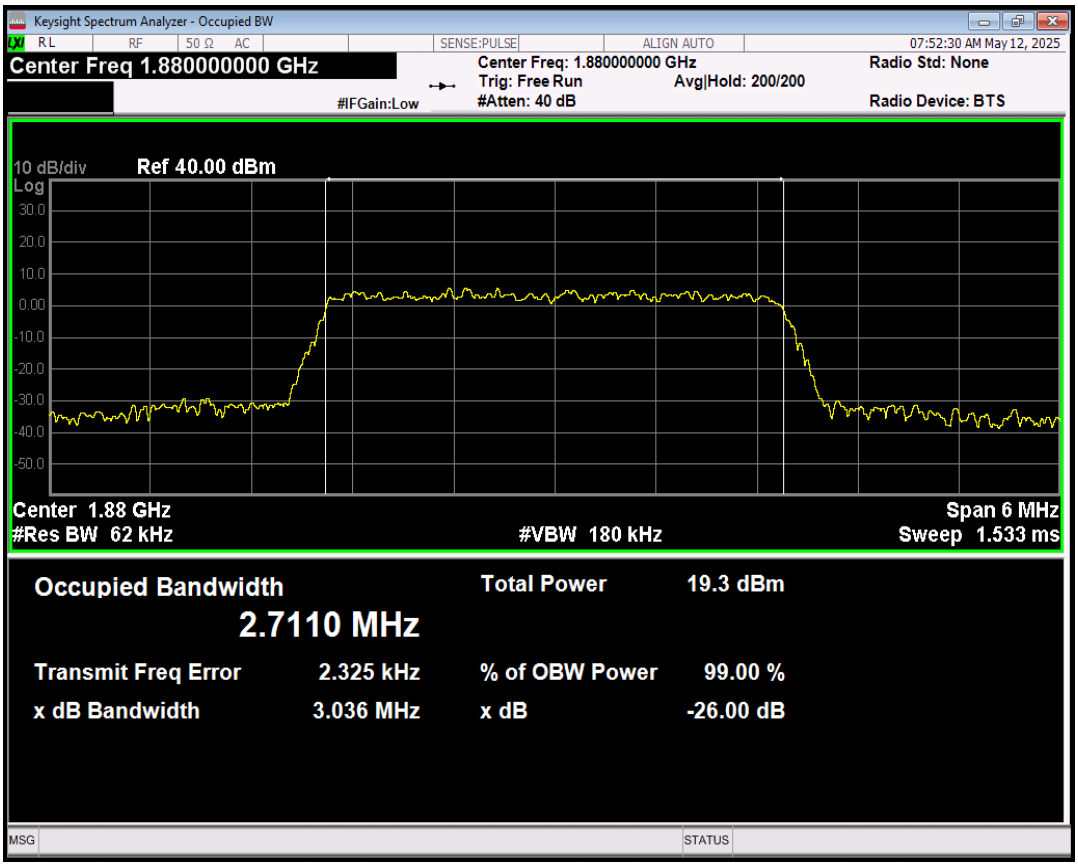

Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



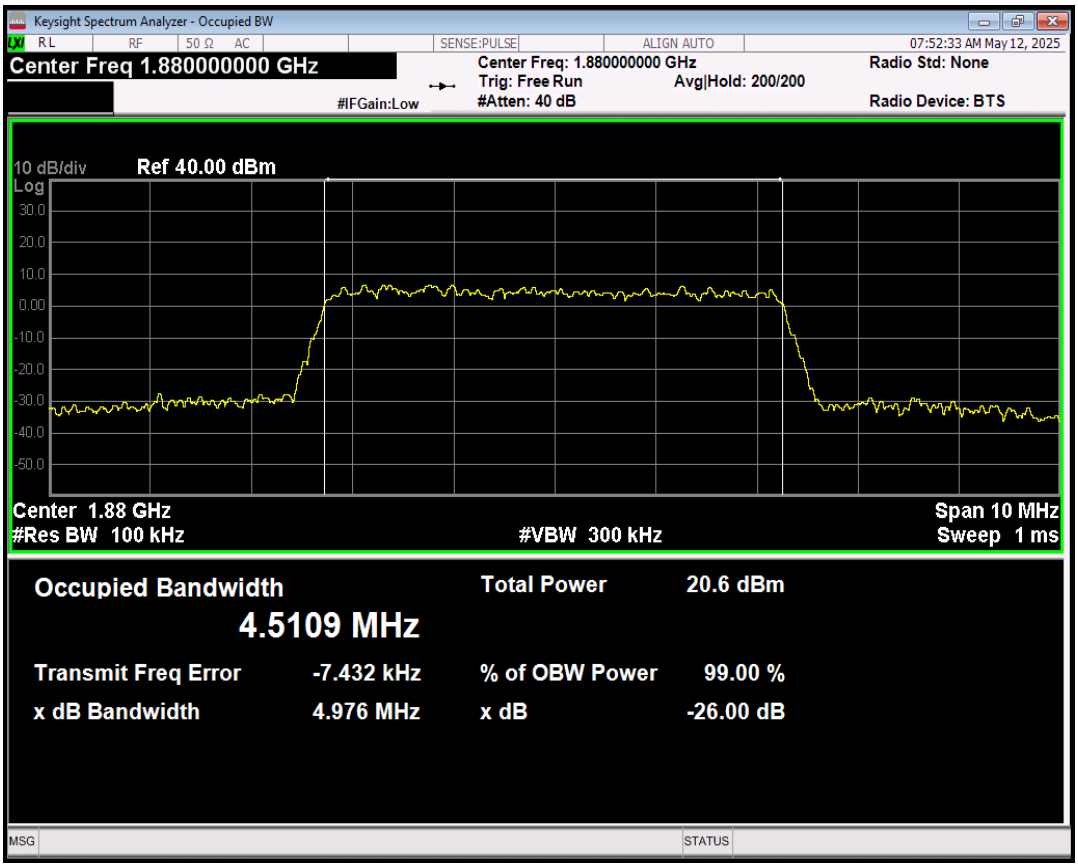

Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



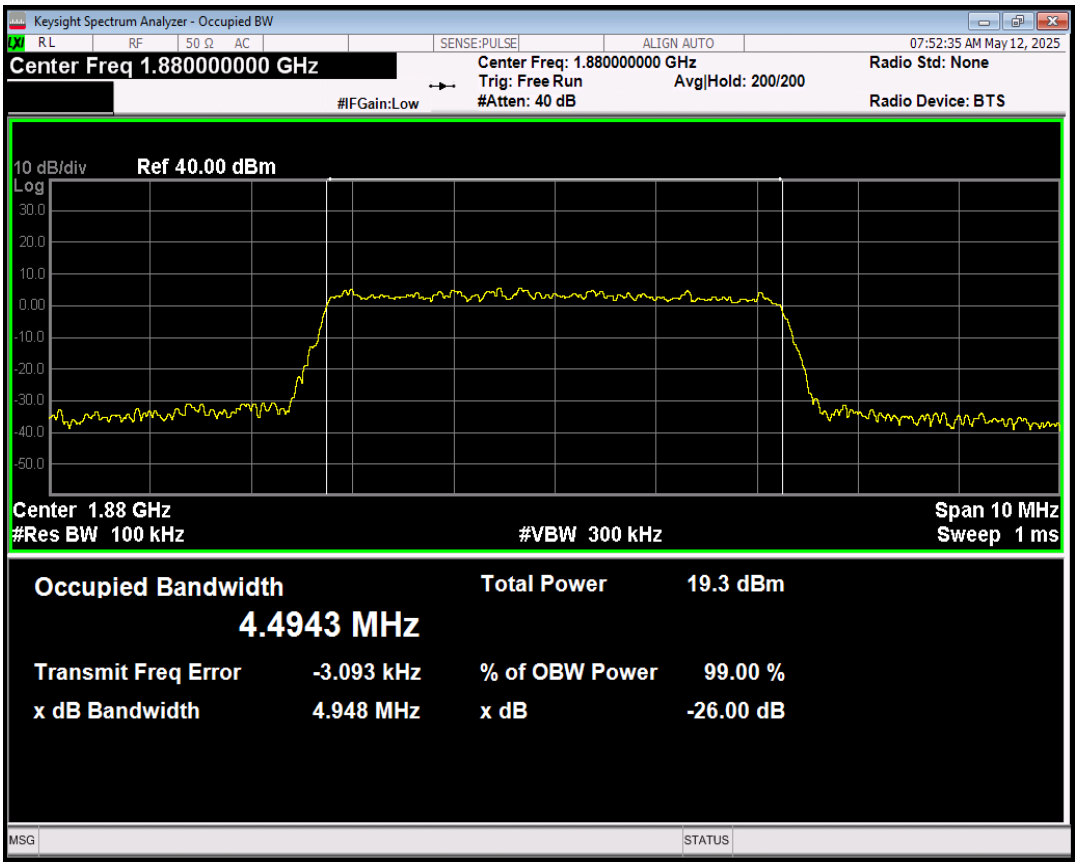

Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



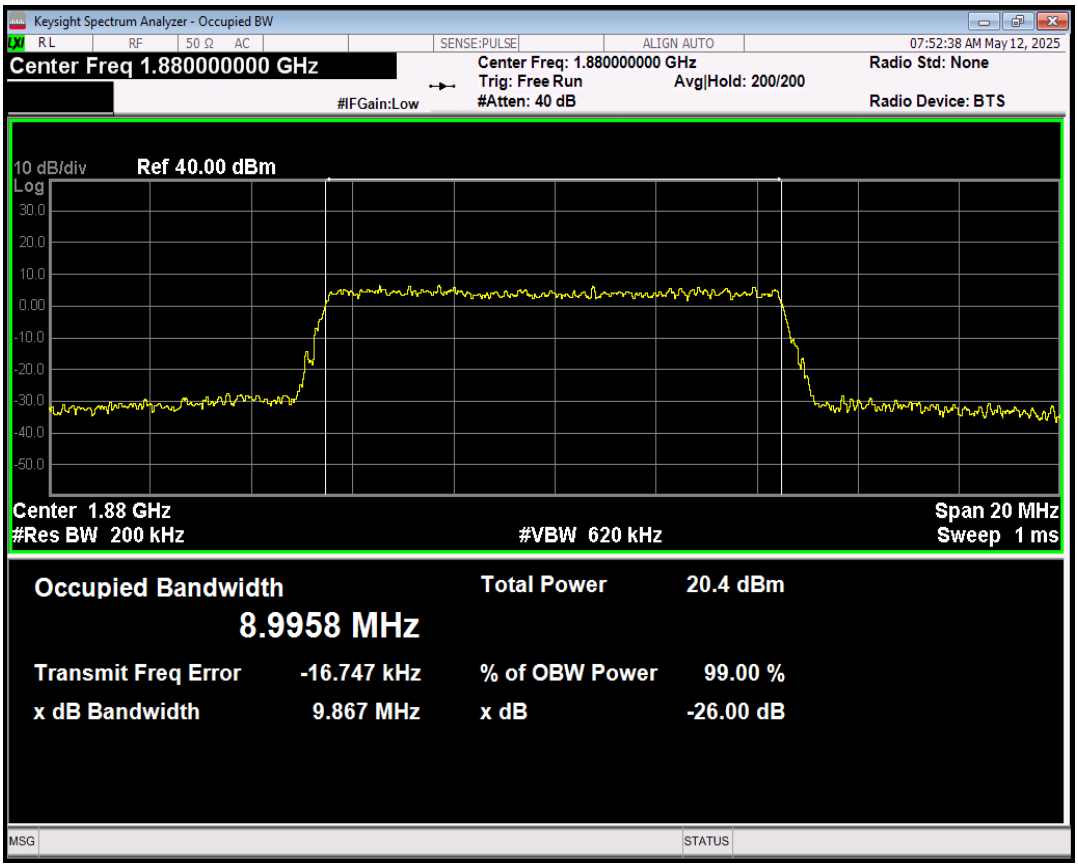

Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



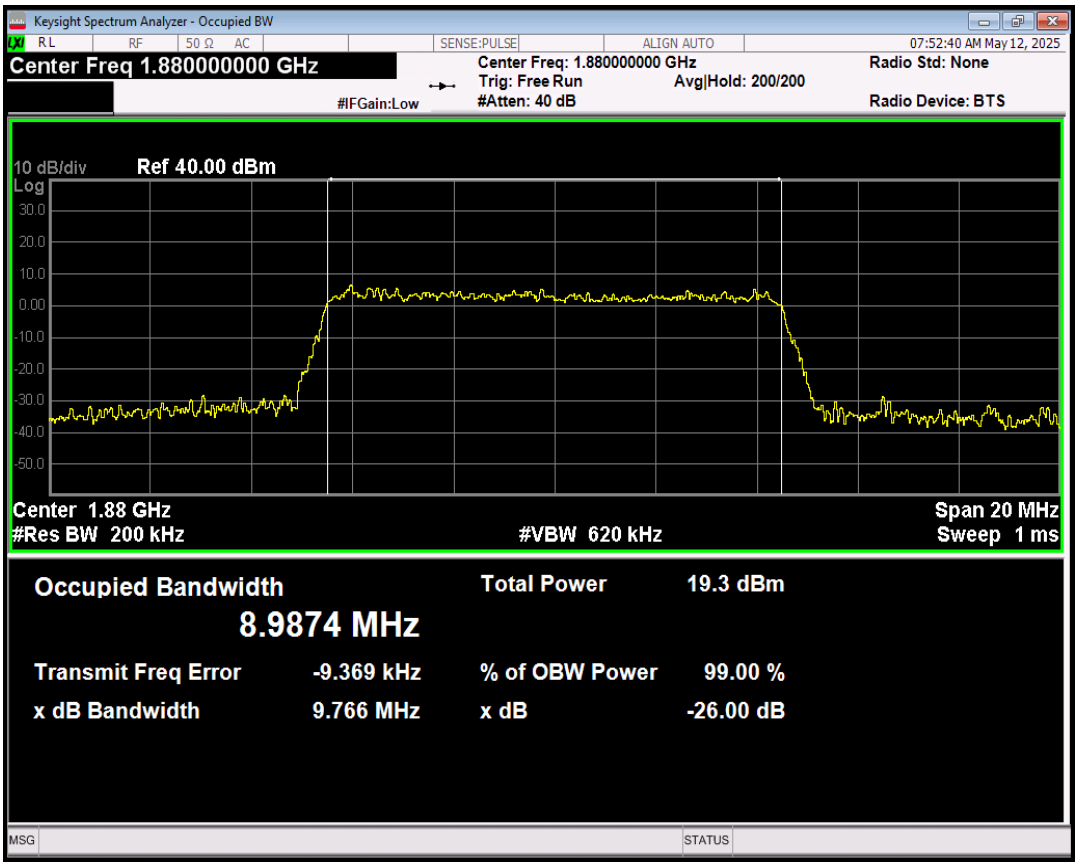

Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



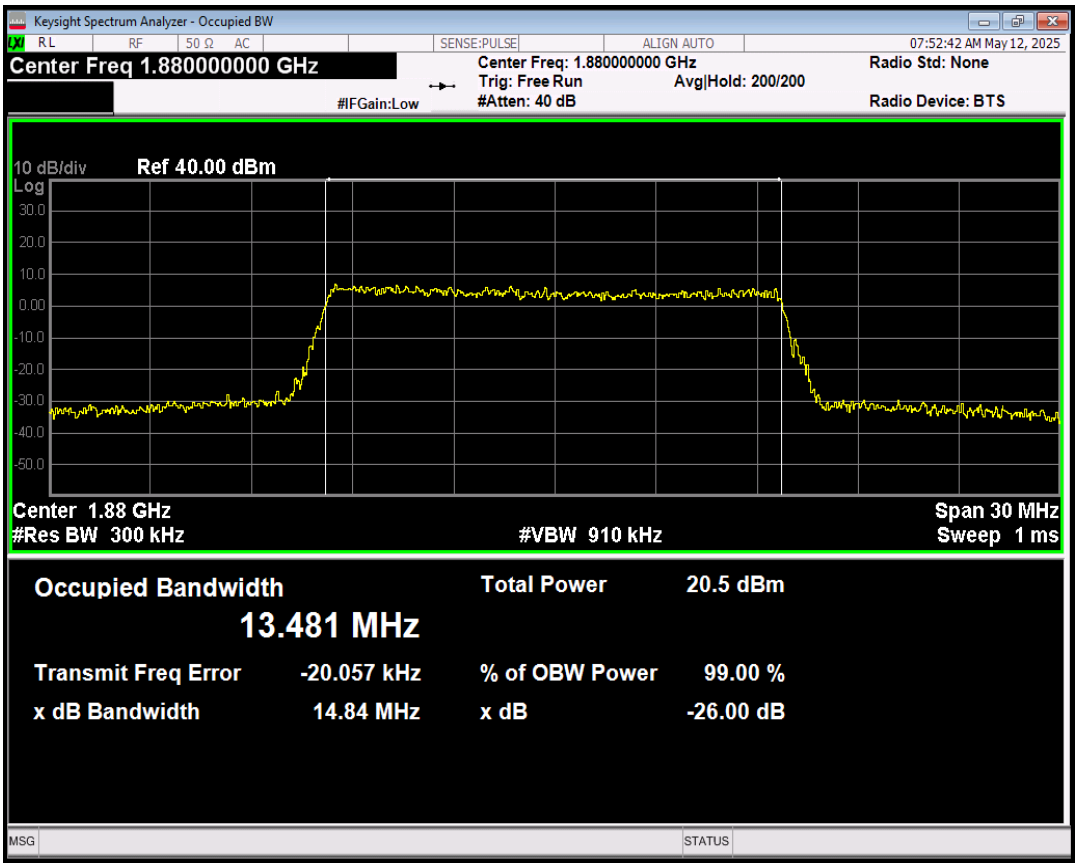

Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



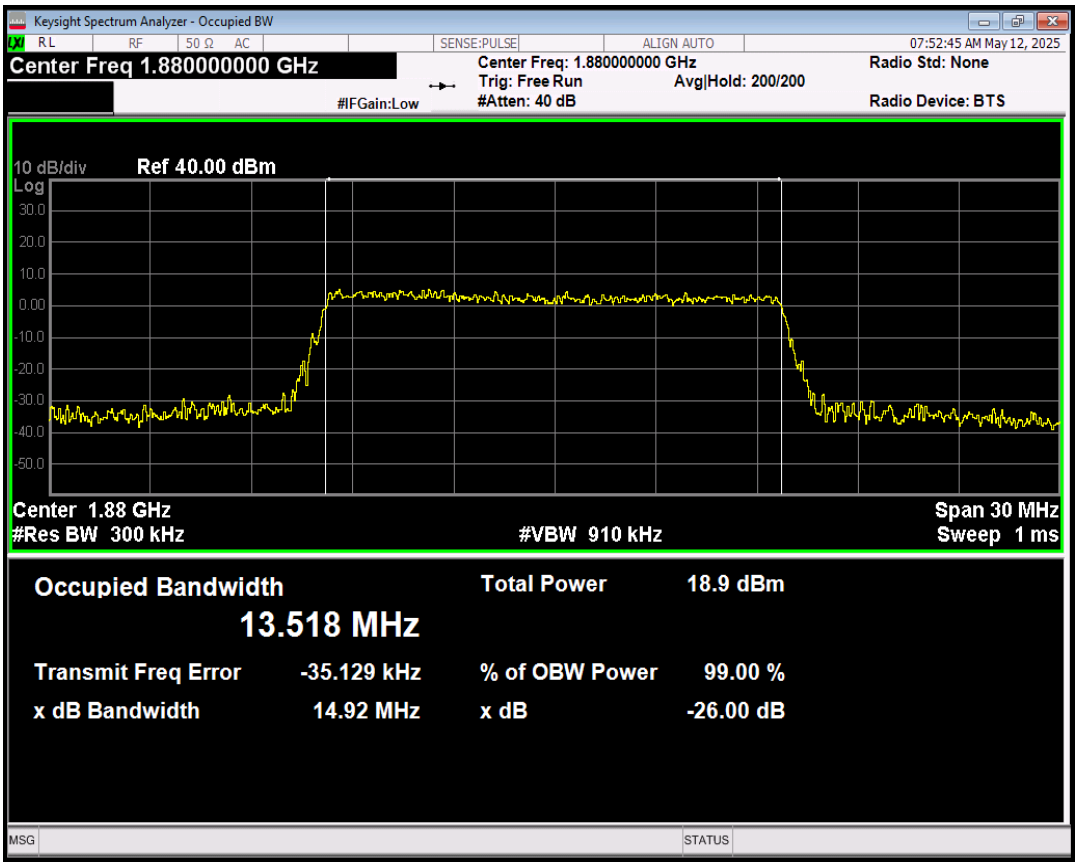

Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0




Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0




Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0




Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0