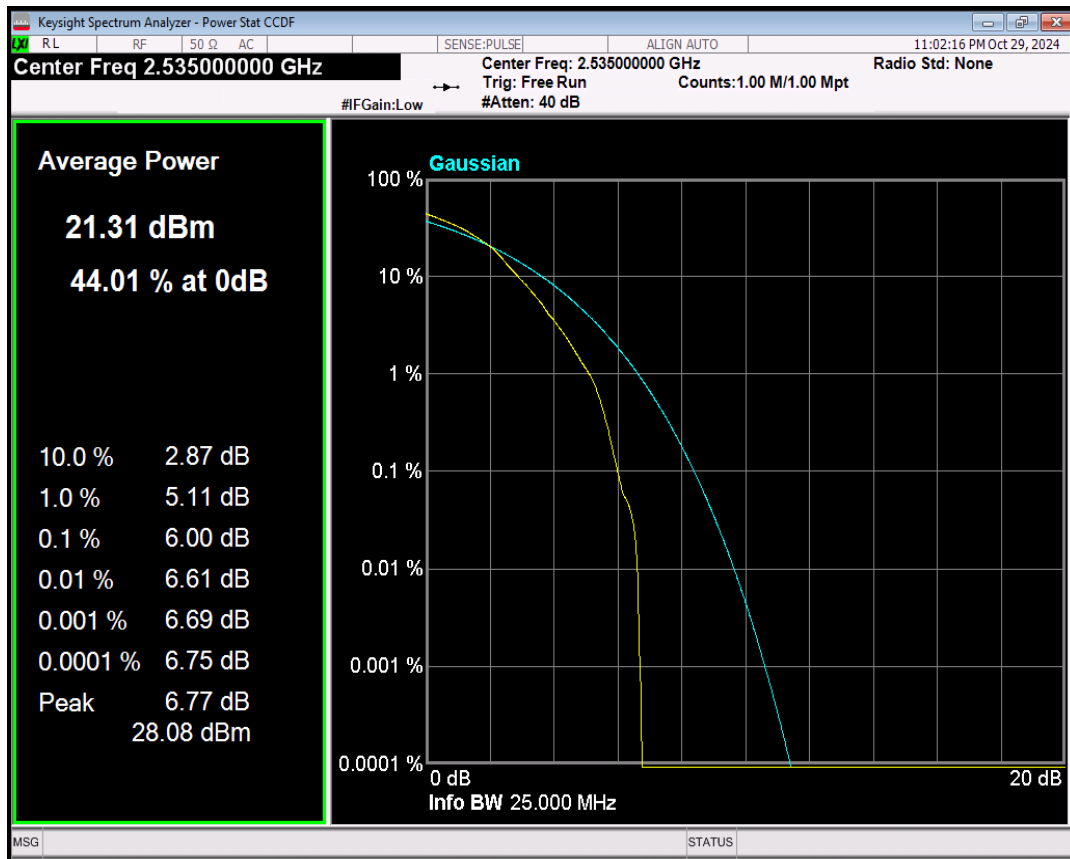
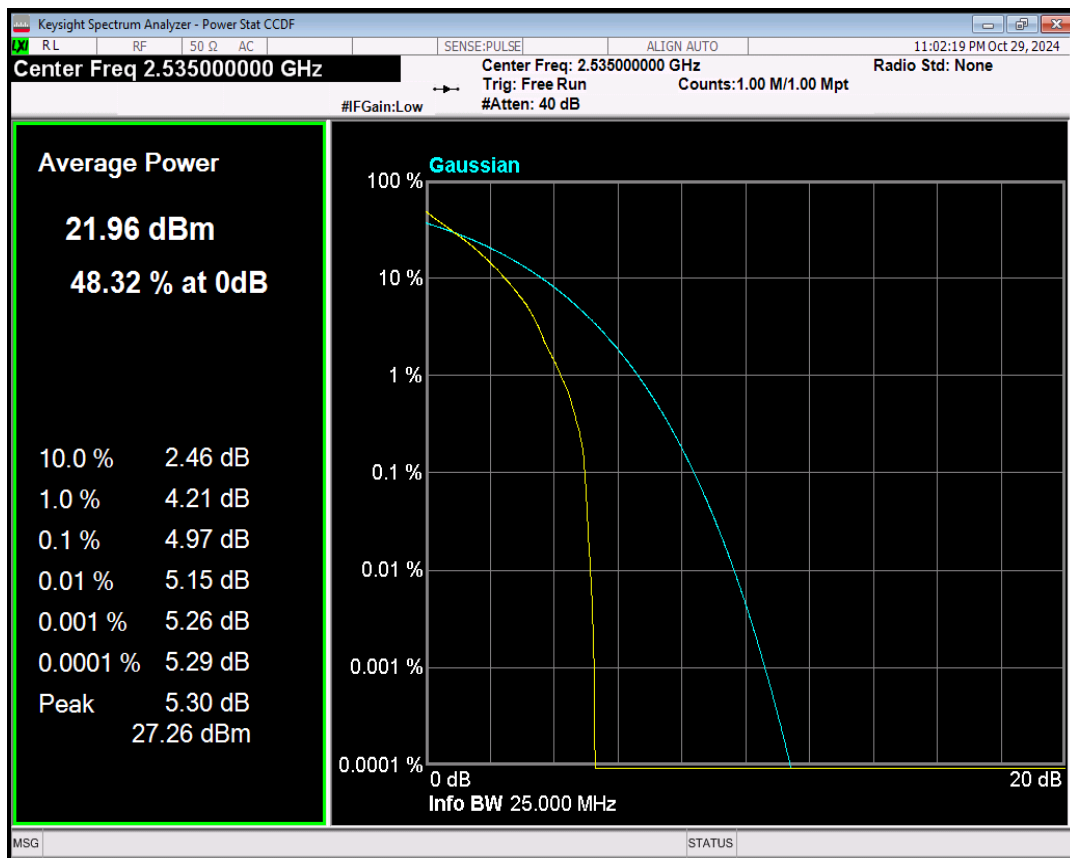
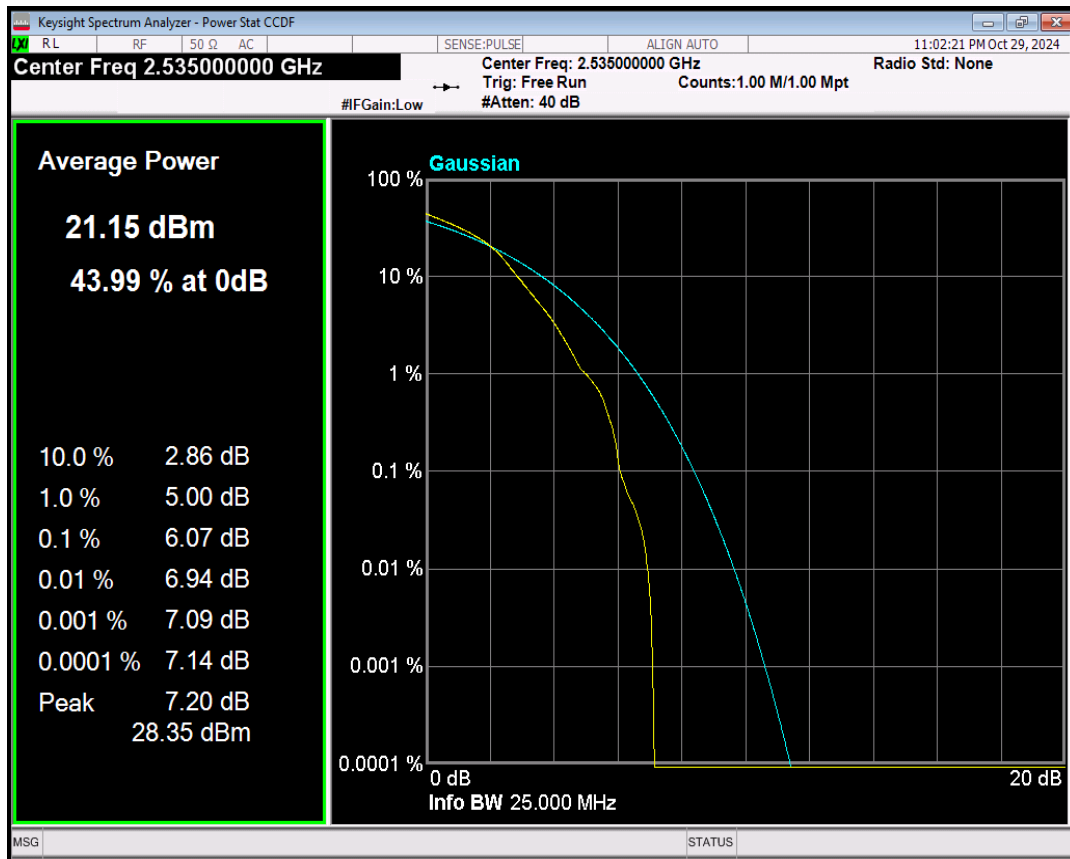




Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



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



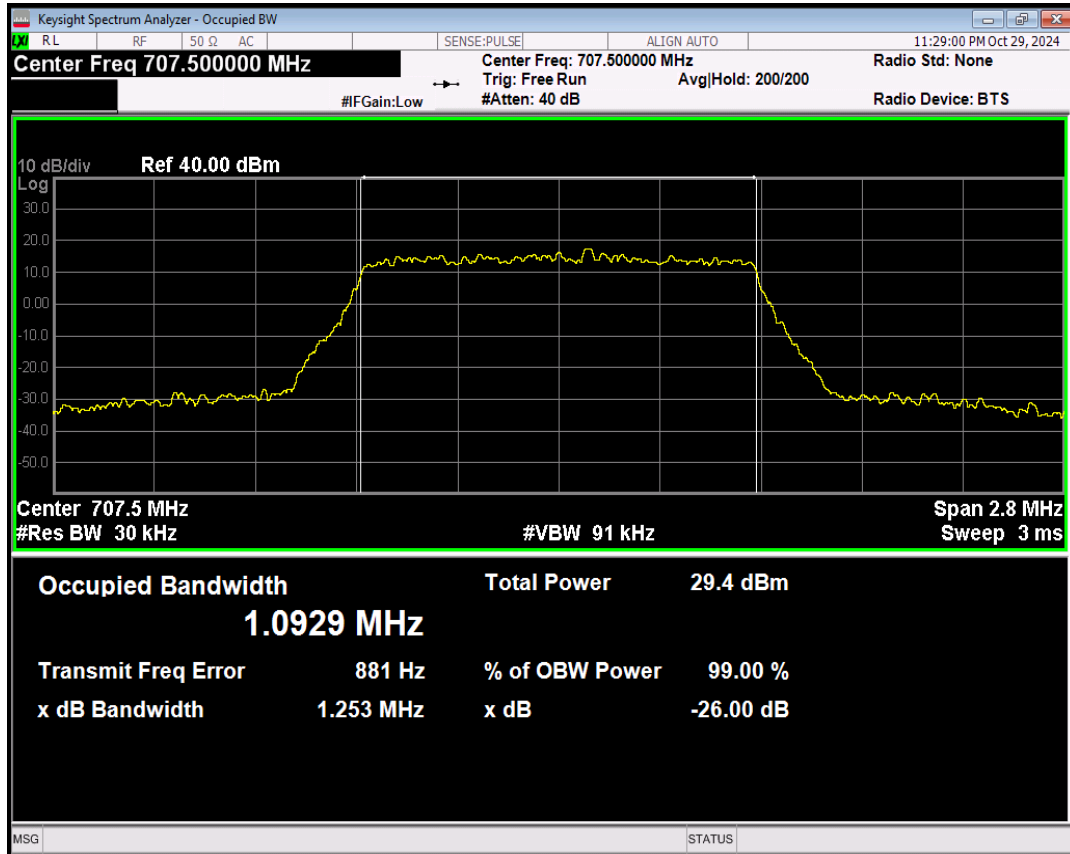
#### 04 Occupied bandwidth

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|---------------|-----------------|---------|
| Band12 | 1.4             | 23095      | 6       | #0          | QPSK       | 1.093         | 1.253           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | 16QAM      | 1.096         | 1.281           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | QPSK       | 2.693         | 2.911           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | 16QAM      | 2.691         | 2.904           | PASS    |
| Band12 | 5               | 23095      | 25      | #0          | QPSK       | 4.516         | 5.148           | PASS    |
| Band12 | 5               | 23095      | 25      | #0          | 16QAM      | 4.517         | 5.056           | PASS    |
| Band12 | 10              | 23095      | 50      | #0          | QPSK       | 9.031         | 9.997           | PASS    |
| Band12 | 10              | 23095      | 50      | #0          | 16QAM      | 8.990         | 10.001          | PASS    |
| Band17 | 5               | 23790      | 25      | #0          | QPSK       | 4.520         | 5.247           | PASS    |
| Band17 | 5               | 23790      | 25      | #0          | 16QAM      | 4.515         | 5.148           | PASS    |
| Band17 | 10              | 23790      | 50      | #0          | QPSK       | 9.009         | 10.018          | PASS    |
| Band17 | 10              | 23790      | 50      | #0          | 16QAM      | 8.997         | 9.951           | PASS    |
| Band2  | 1.4             | 18900      | 6       | #0          | QPSK       | 1.091         | 1.286           | PASS    |
| Band2  | 1.4             | 18900      | 6       | #0          | 16QAM      | 1.092         | 1.264           | PASS    |
| Band2  | 3               | 18900      | 15      | #0          | QPSK       | 2.691         | 2.898           | PASS    |
| Band2  | 3               | 18900      | 15      | #0          | 16QAM      | 2.698         | 2.912           | PASS    |
| Band2  | 5               | 18900      | 25      | #0          | QPSK       | 4.501         | 4.875           | PASS    |
| Band2  | 5               | 18900      | 25      | #0          | 16QAM      | 4.511         | 4.894           | PASS    |
| Band2  | 10              | 18900      | 50      | #0          | QPSK       | 9.010         | 9.760           | PASS    |
| Band2  | 10              | 18900      | 50      | #0          | 16QAM      | 8.988         | 9.683           | PASS    |
| Band2  | 15              | 18900      | 75      | #0          | QPSK       | 13.492        | 14.441          | PASS    |

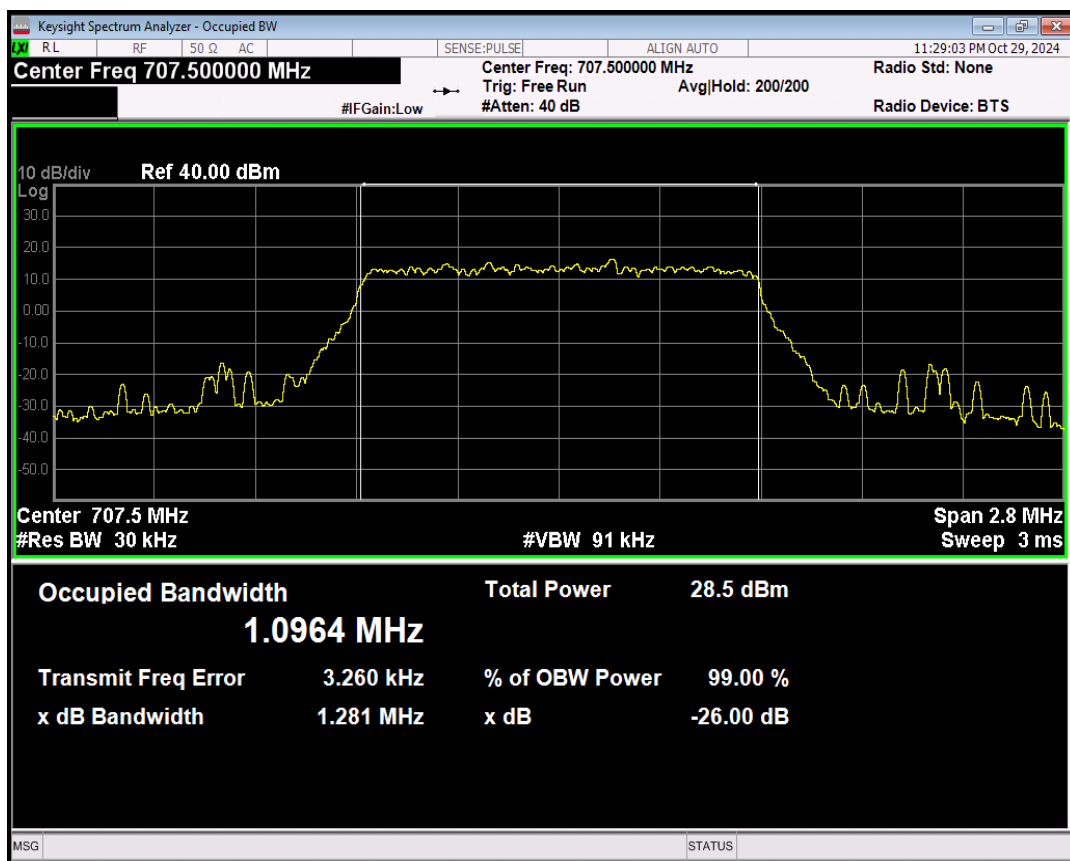
|        |     |       |     |    |       |        |        |      |
|--------|-----|-------|-----|----|-------|--------|--------|------|
| Band2  | 15  | 18900 | 75  | #0 | 16QAM | 13.501 | 14.542 | PASS |
| Band2  | 20  | 18900 | 100 | #0 | QPSK  | 17.941 | 19.383 | PASS |
| Band2  | 20  | 18900 | 100 | #0 | 16QAM | 17.972 | 19.334 | PASS |
| Band38 | 5   | 38000 | 25  | #0 | QPSK  | 4.508  | 4.882  | PASS |
| Band38 | 5   | 38000 | 25  | #0 | 16QAM | 4.486  | 4.882  | PASS |
| Band38 | 10  | 38000 | 50  | #0 | QPSK  | 8.984  | 9.779  | PASS |
| Band38 | 10  | 38000 | 50  | #0 | 16QAM | 8.945  | 9.530  | PASS |
| Band38 | 15  | 38000 | 75  | #0 | QPSK  | 13.512 | 14.332 | PASS |
| Band38 | 15  | 38000 | 75  | #0 | 16QAM | 13.499 | 14.688 | PASS |
| Band38 | 20  | 38000 | 100 | #0 | QPSK  | 18.001 | 19.105 | PASS |
| Band38 | 20  | 38000 | 100 | #0 | 16QAM | 17.893 | 19.276 | PASS |
| Band4  | 1.4 | 20175 | 6   | #0 | QPSK  | 1.097  | 1.254  | PASS |
| Band4  | 1.4 | 20175 | 6   | #0 | 16QAM | 1.091  | 1.264  | PASS |
| Band4  | 3   | 20175 | 15  | #0 | QPSK  | 2.685  | 2.910  | PASS |
| Band4  | 3   | 20175 | 15  | #0 | 16QAM | 2.706  | 2.930  | PASS |
| Band4  | 5   | 20175 | 25  | #0 | QPSK  | 4.506  | 4.887  | PASS |
| Band4  | 5   | 20175 | 25  | #0 | 16QAM | 4.492  | 4.881  | PASS |
| Band4  | 10  | 20175 | 50  | #0 | QPSK  | 9.009  | 9.639  | PASS |
| Band4  | 10  | 20175 | 50  | #0 | 16QAM | 8.969  | 9.652  | PASS |
| Band4  | 15  | 20175 | 75  | #0 | QPSK  | 13.438 | 14.357 | PASS |
| Band4  | 15  | 20175 | 75  | #0 | 16QAM | 13.483 | 14.424 | PASS |
| Band4  | 20  | 20175 | 100 | #0 | QPSK  | 17.957 | 19.320 | PASS |
| Band4  | 20  | 20175 | 100 | #0 | 16QAM | 17.959 | 19.297 | PASS |
| Band41 | 5   | 40620 | 25  | #0 | QPSK  | 4.495  | 4.882  | PASS |
| Band41 | 5   | 40620 | 25  | #0 | 16QAM | 4.493  | 4.935  | PASS |
| Band41 | 10  | 40620 | 50  | #0 | QPSK  | 8.996  | 10.012 | PASS |
| Band41 | 10  | 40620 | 50  | #0 | 16QAM | 8.968  | 9.677  | PASS |
| Band41 | 15  | 40620 | 75  | #0 | QPSK  | 13.443 | 14.354 | PASS |
| Band41 | 15  | 40620 | 75  | #0 | 16QAM | 13.448 | 14.734 | PASS |
| Band41 | 20  | 40620 | 100 | #0 | QPSK  | 17.885 | 21.724 | PASS |
| Band41 | 20  | 40620 | 100 | #0 | 16QAM | 17.957 | 19.059 | PASS |
| Band5  | 1.4 | 20525 | 6   | #0 | QPSK  | 1.092  | 1.282  | PASS |
| Band5  | 1.4 | 20525 | 6   | #0 | 16QAM | 1.096  | 1.267  | PASS |
| Band5  | 3   | 20525 | 15  | #0 | QPSK  | 2.690  | 2.880  | PASS |
| Band5  | 3   | 20525 | 15  | #0 | 16QAM | 2.693  | 2.918  | PASS |
| Band5  | 5   | 20525 | 25  | #0 | QPSK  | 4.489  | 4.929  | PASS |
| Band5  | 5   | 20525 | 25  | #0 | 16QAM | 4.505  | 4.911  | PASS |
| Band5  | 10  | 20525 | 50  | #0 | QPSK  | 8.998  | 9.665  | PASS |
| Band5  | 10  | 20525 | 50  | #0 | 16QAM | 8.991  | 9.703  | PASS |
| Band7  | 5   | 21100 | 25  | #0 | QPSK  | 4.496  | 4.912  | PASS |
| Band7  | 5   | 21100 | 25  | #0 | 16QAM | 4.491  | 4.849  | PASS |
| Band7  | 10  | 21100 | 50  | #0 | QPSK  | 8.995  | 9.676  | PASS |
| Band7  | 10  | 21100 | 50  | #0 | 16QAM | 8.948  | 9.629  | PASS |
| Band7  | 15  | 21100 | 75  | #0 | QPSK  | 13.445 | 14.416 | PASS |

|       |    |       |     |    |       |        |        |      |
|-------|----|-------|-----|----|-------|--------|--------|------|
| Band7 | 15 | 21100 | 75  | #0 | 16QAM | 13.473 | 14.391 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | 17.946 | 19.132 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | 16QAM | 17.969 | 19.254 | PASS |

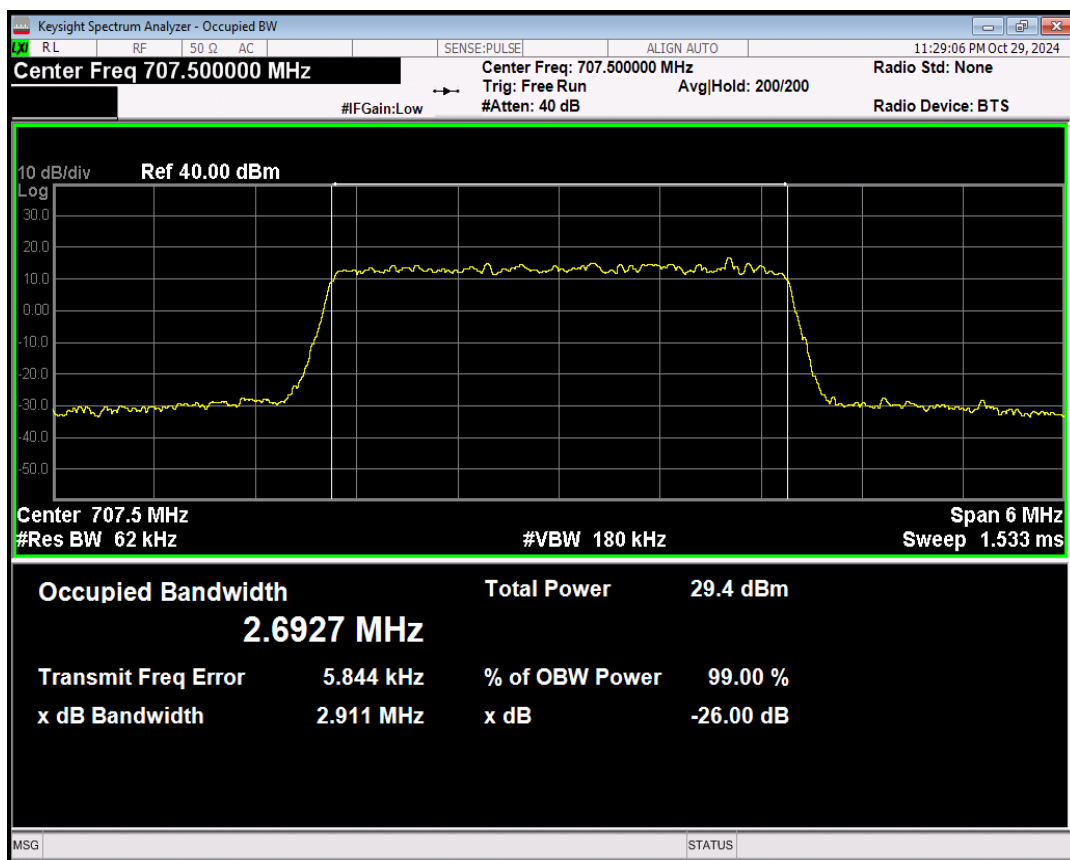
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



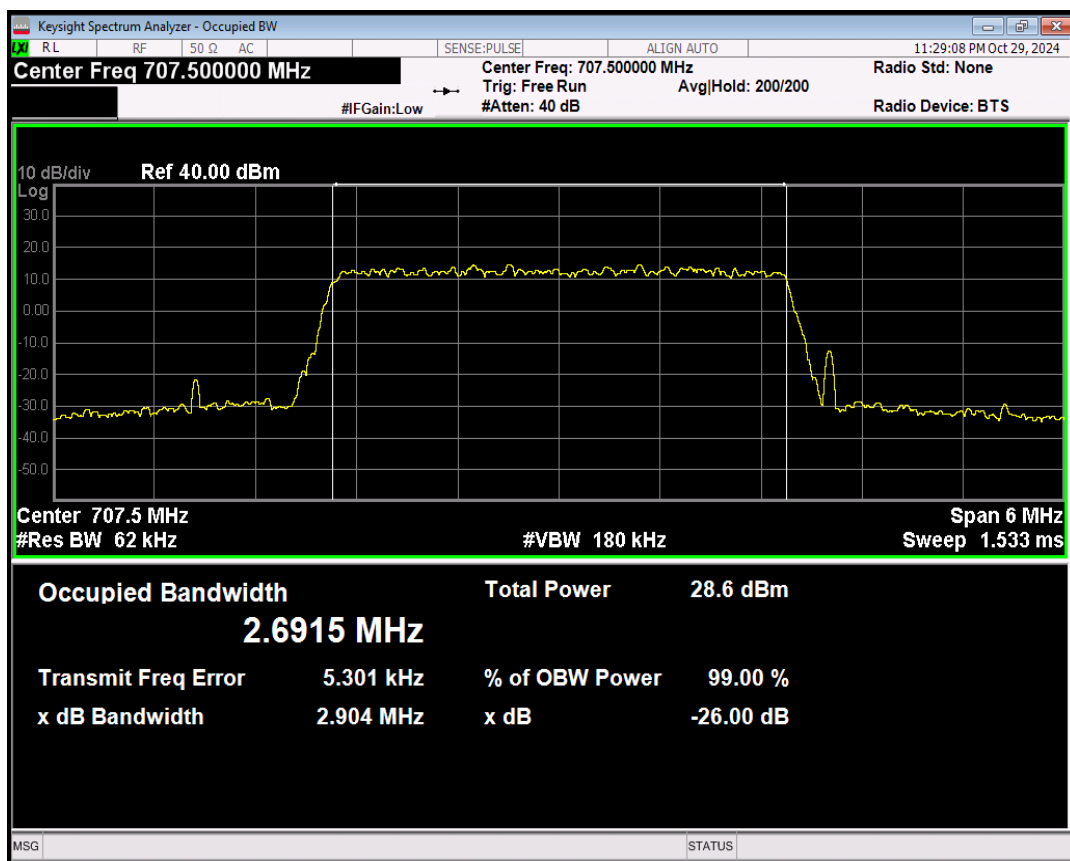
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



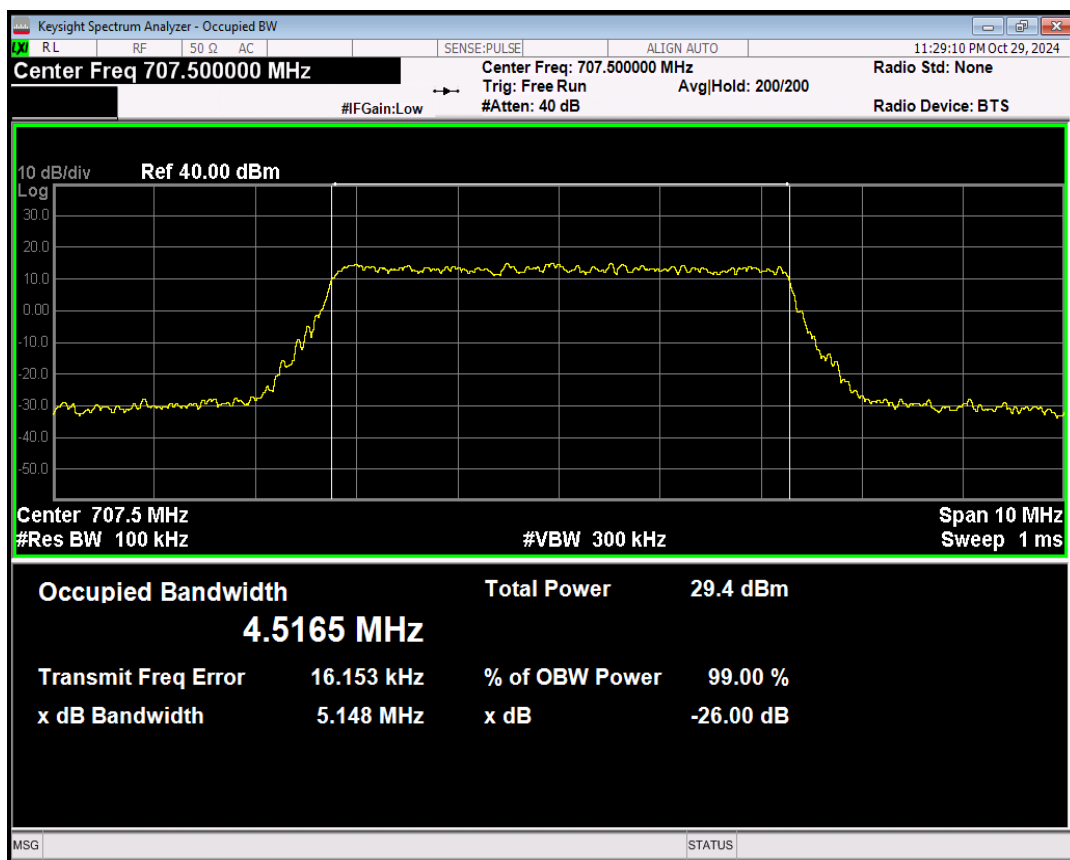
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



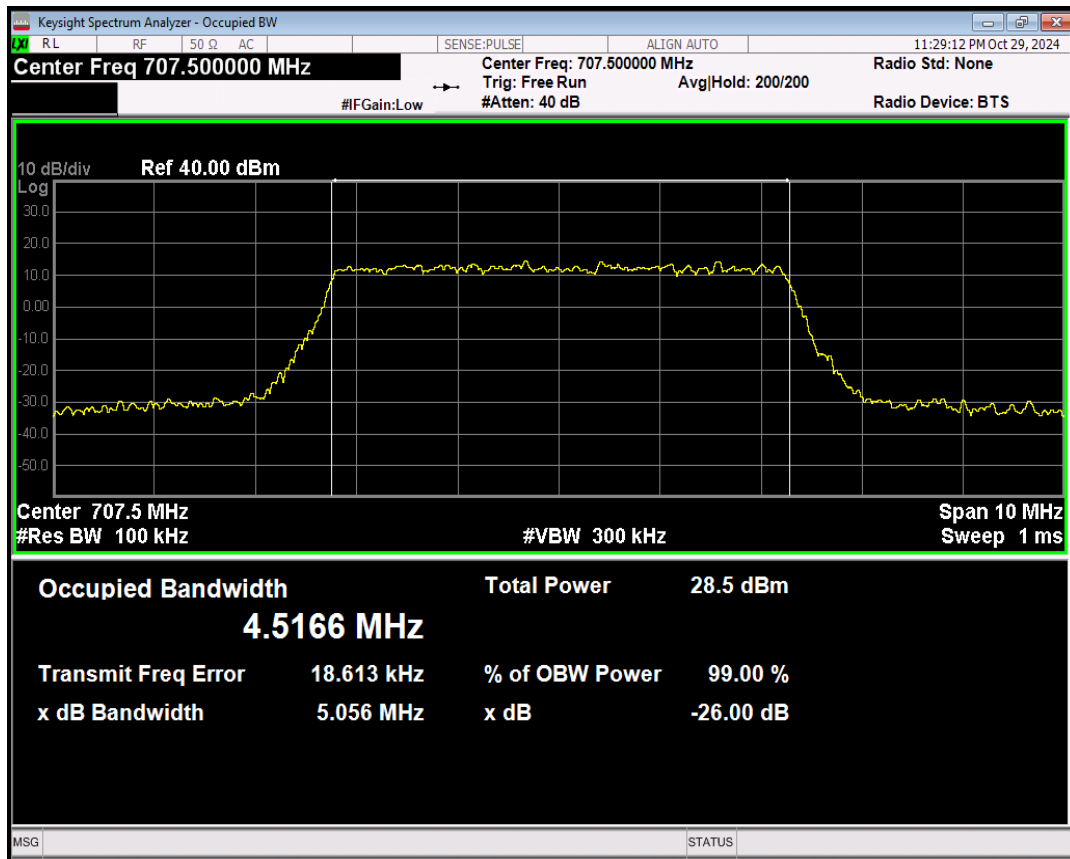
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



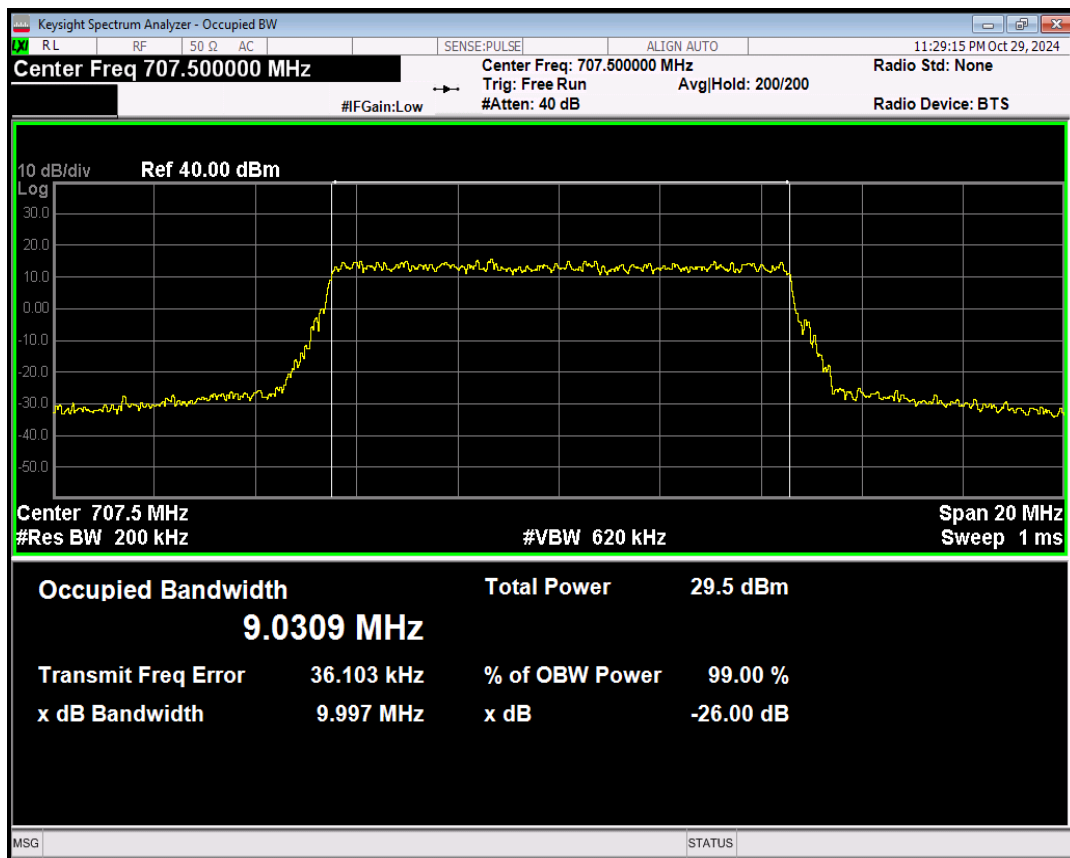
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



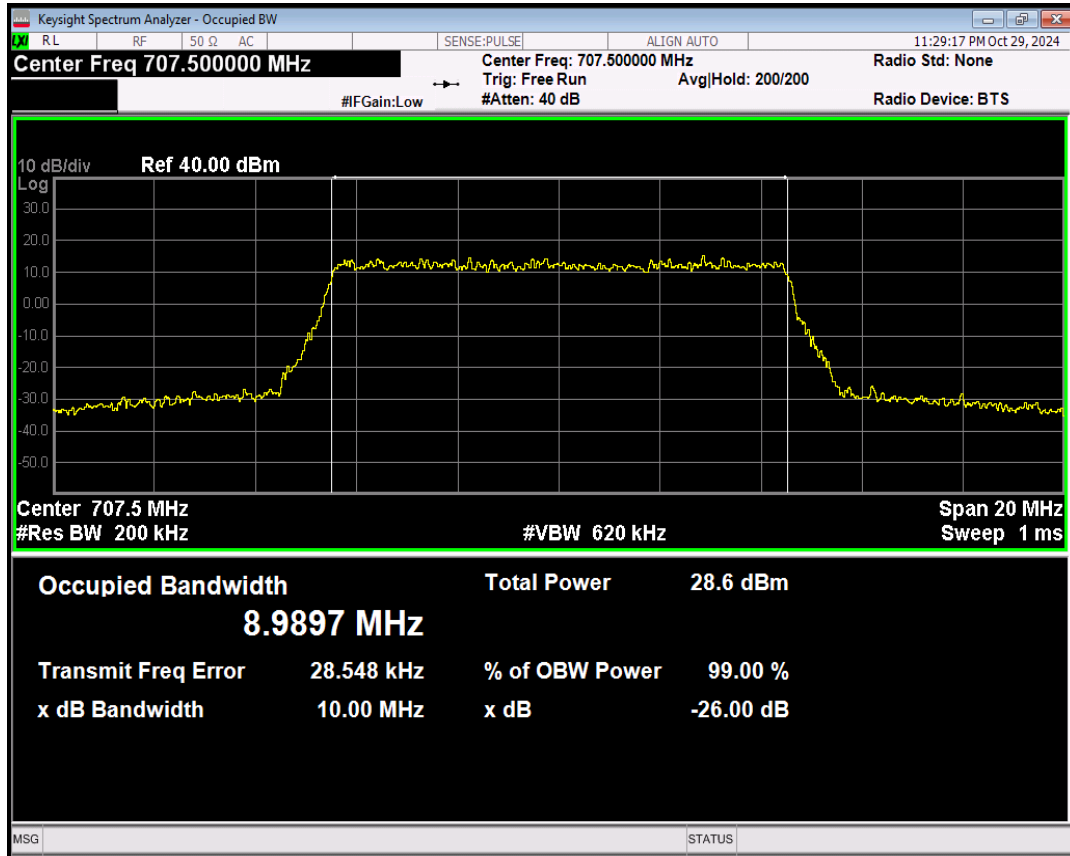
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



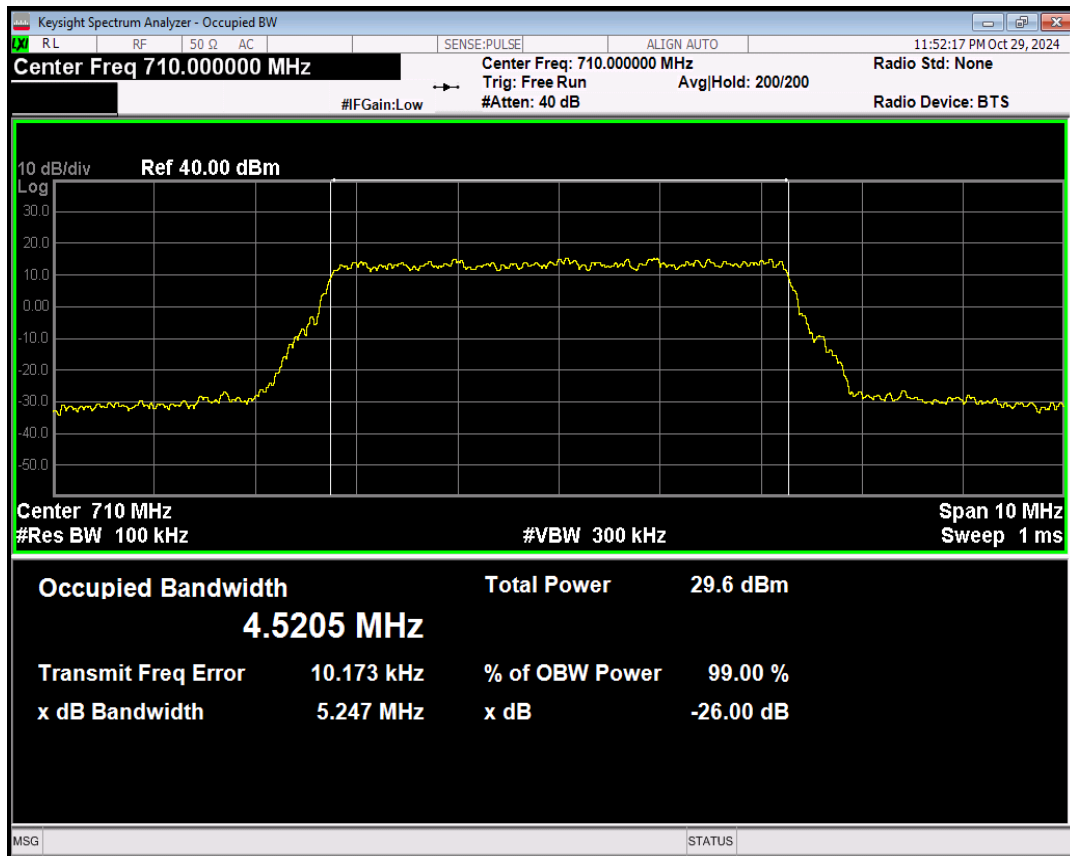
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



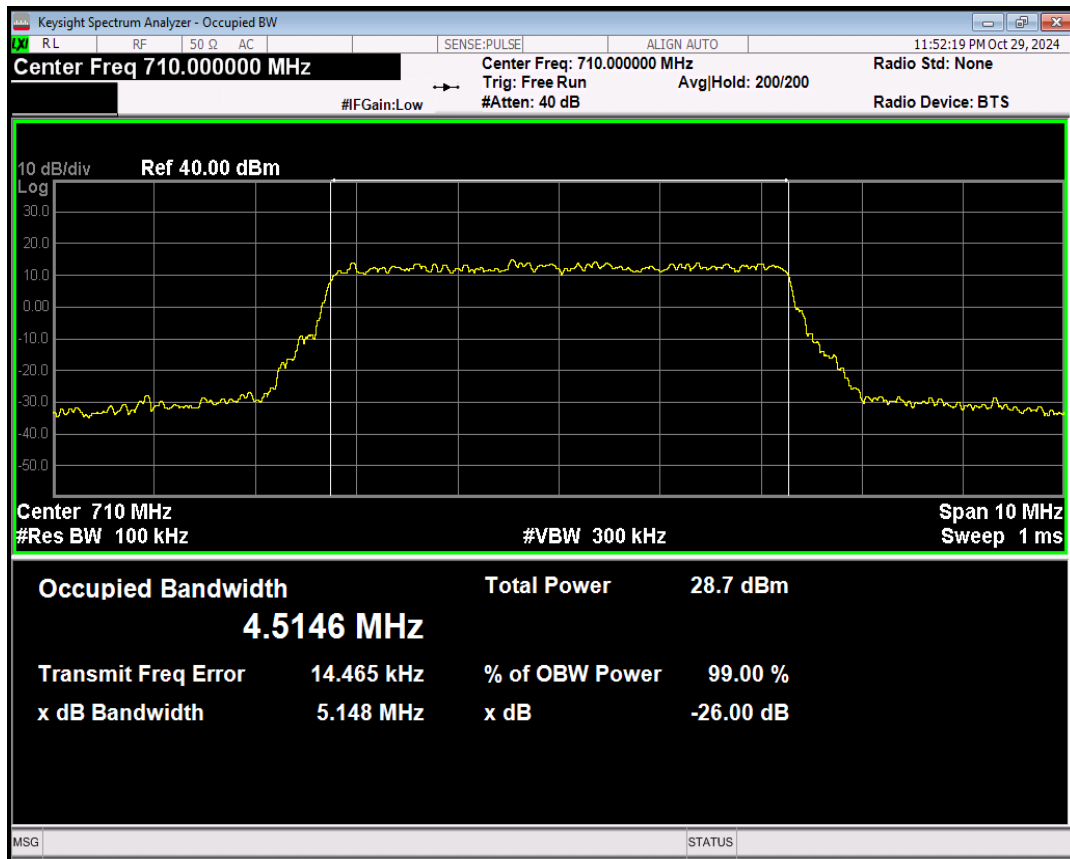
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



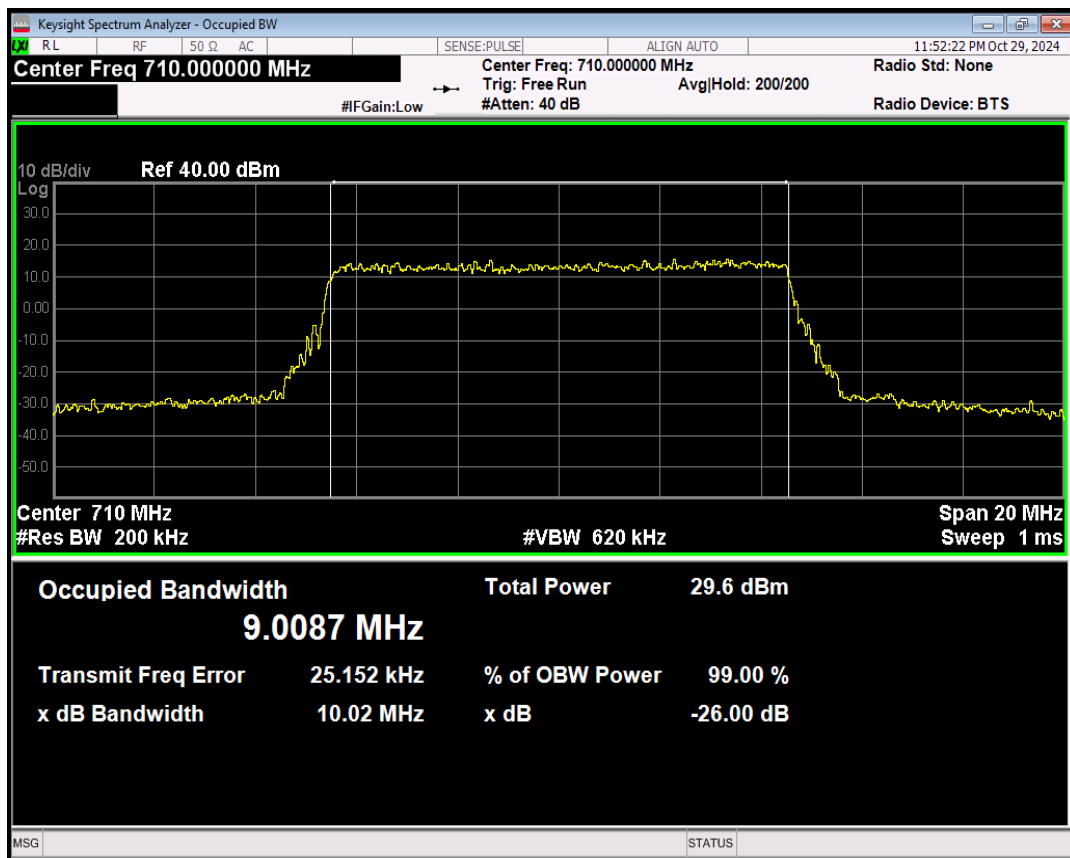
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



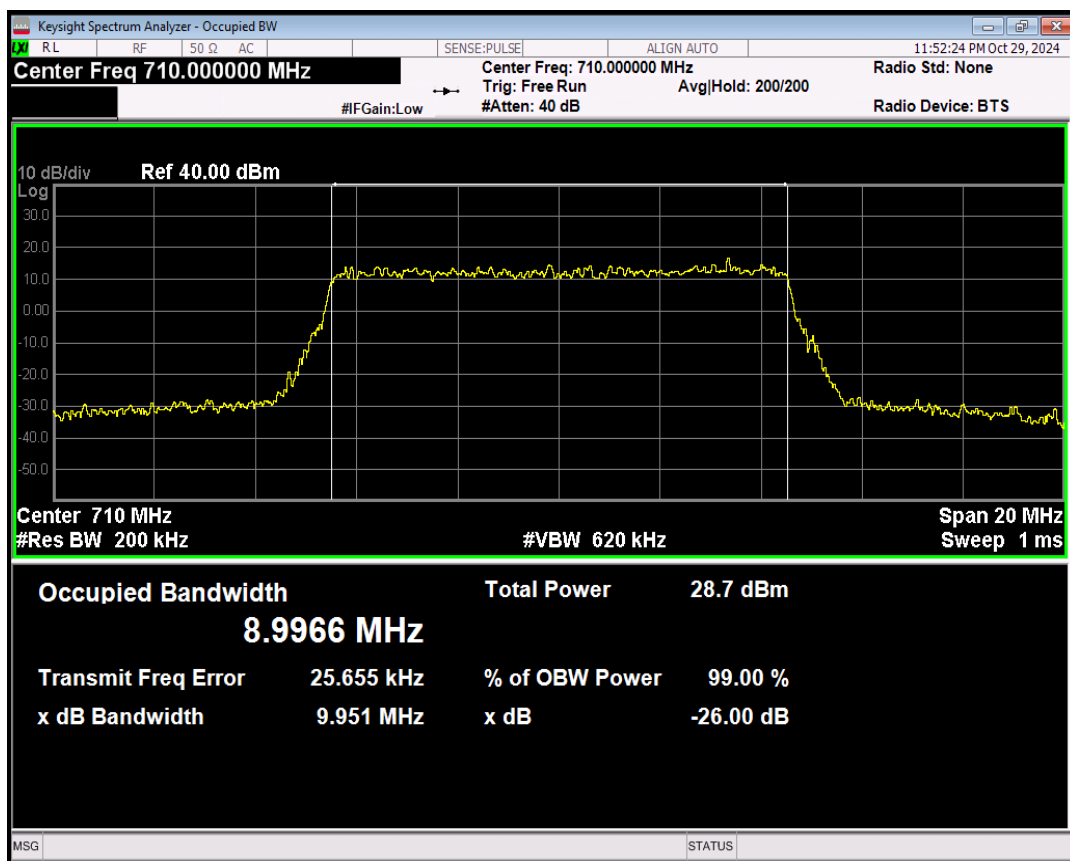
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



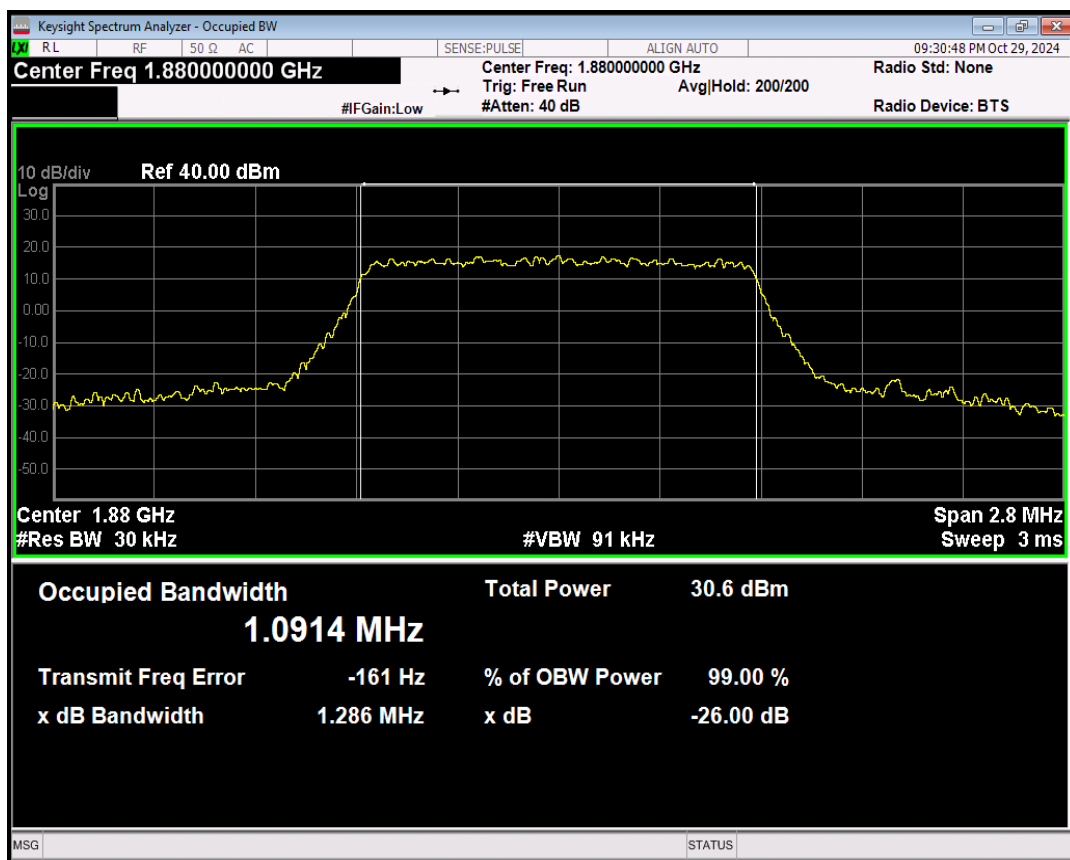
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



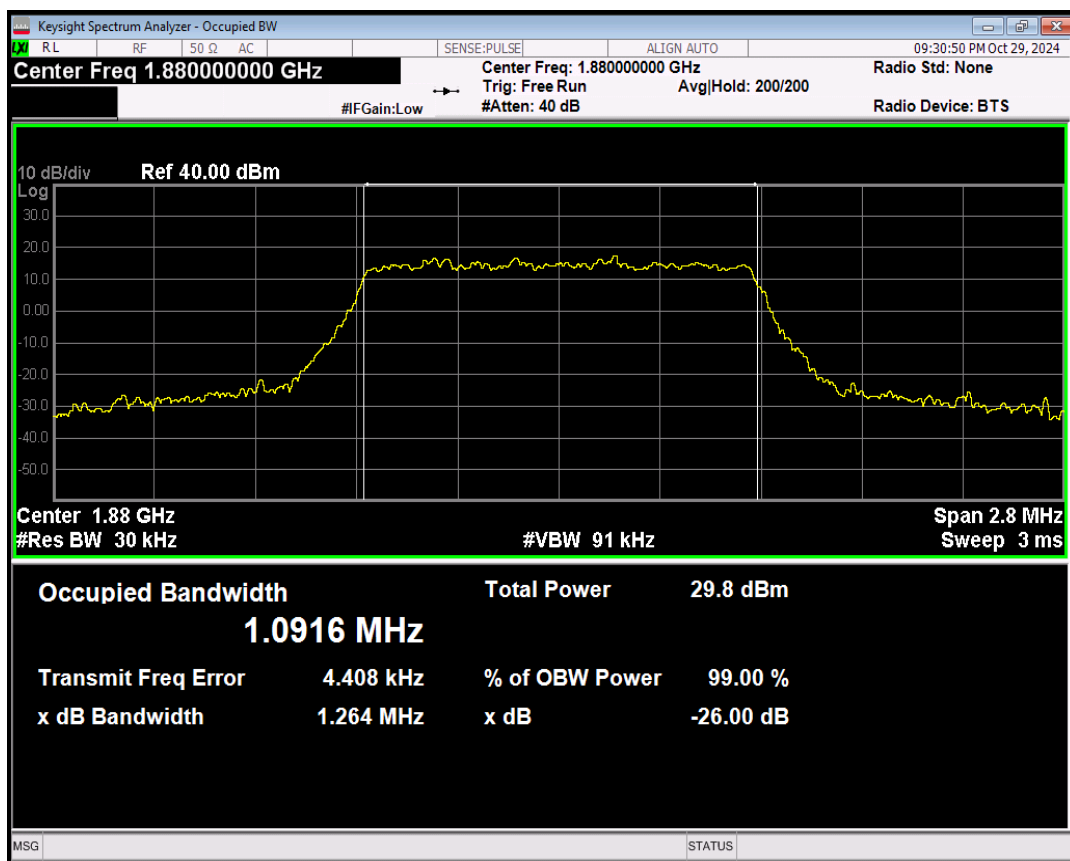
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



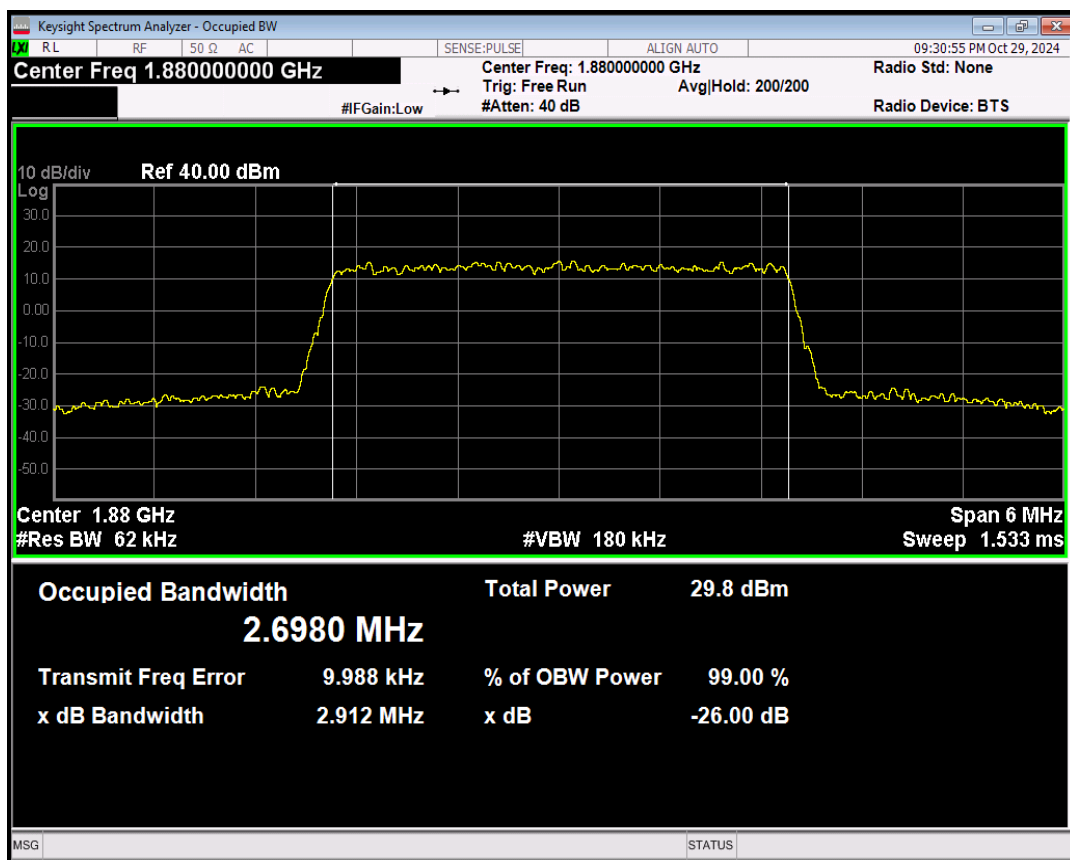
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



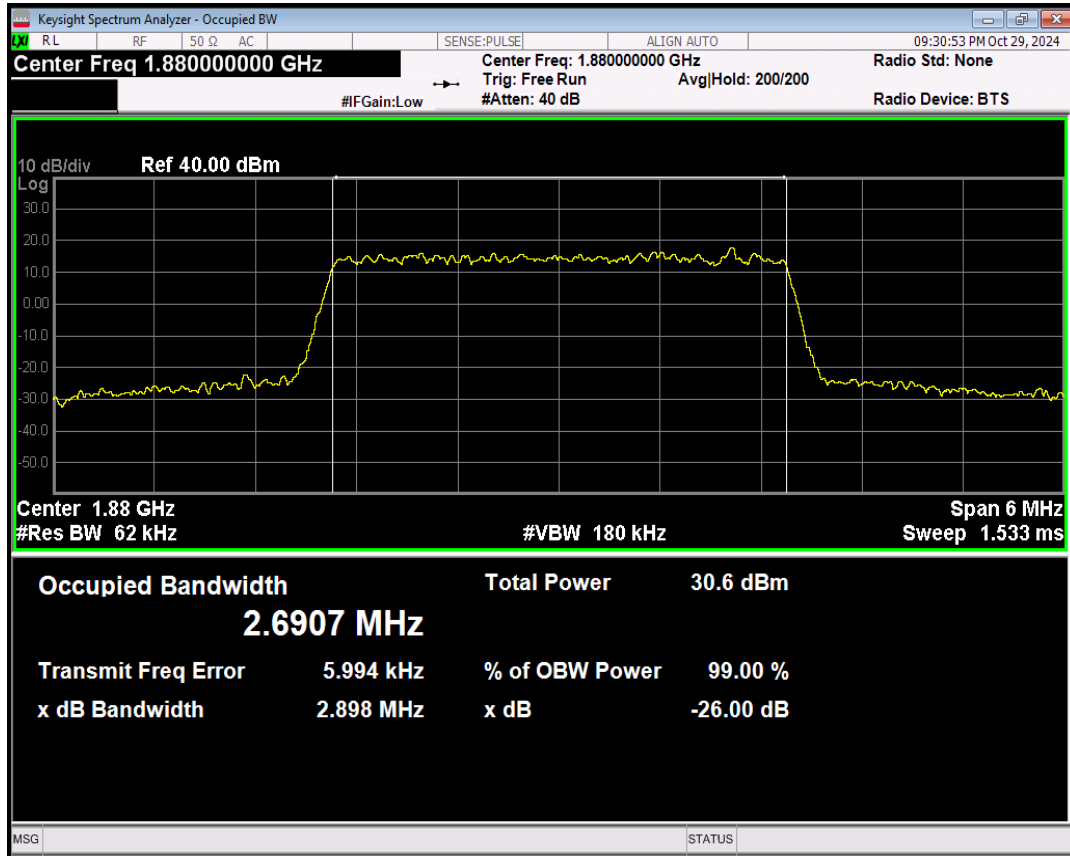
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



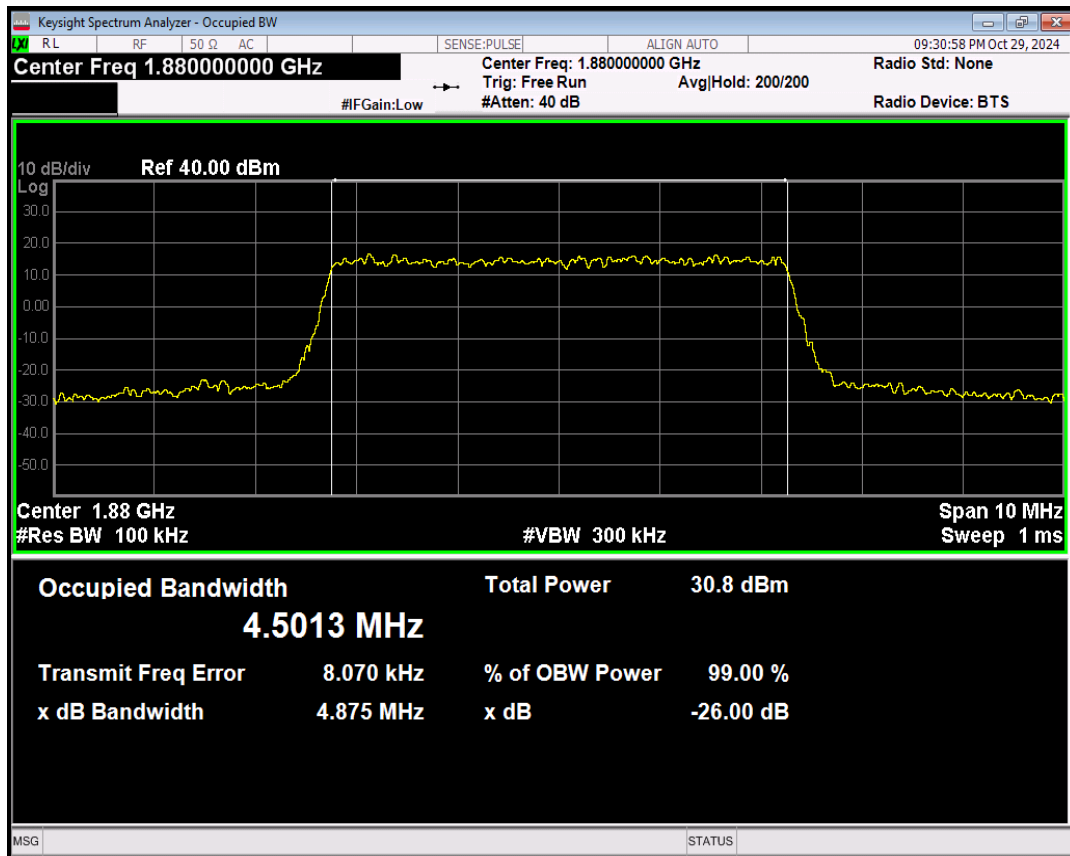
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



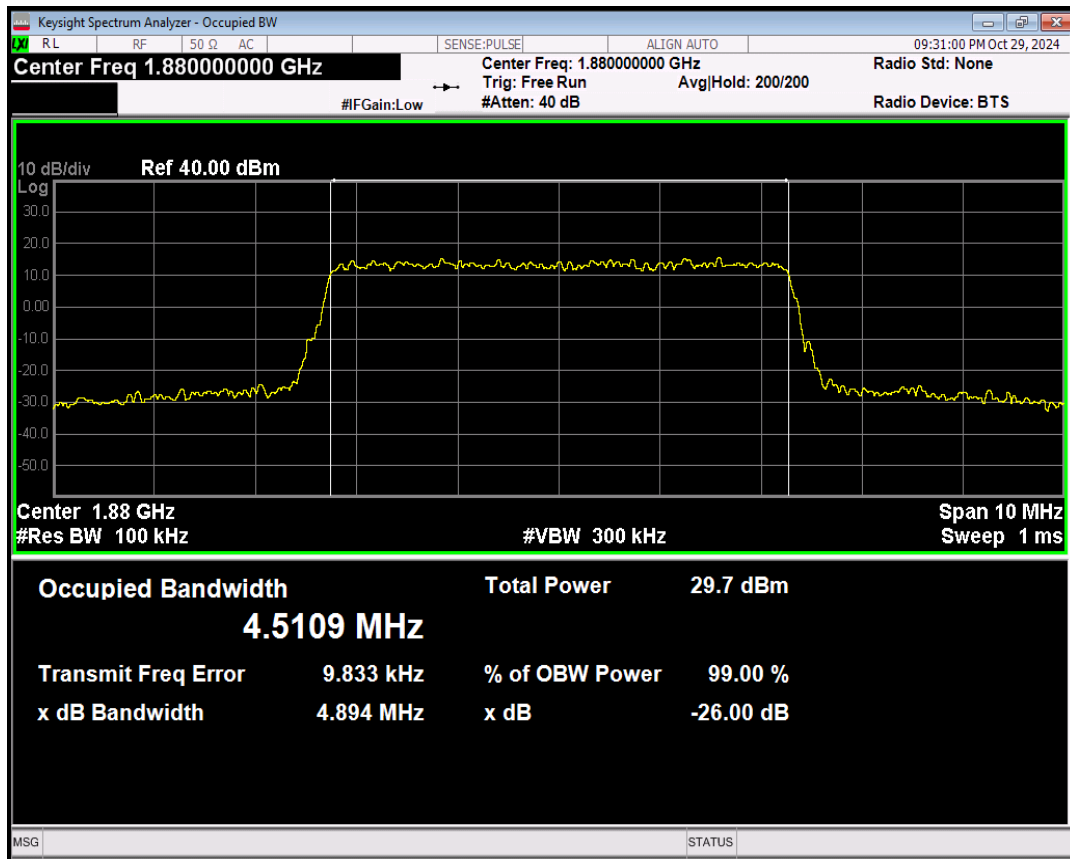
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



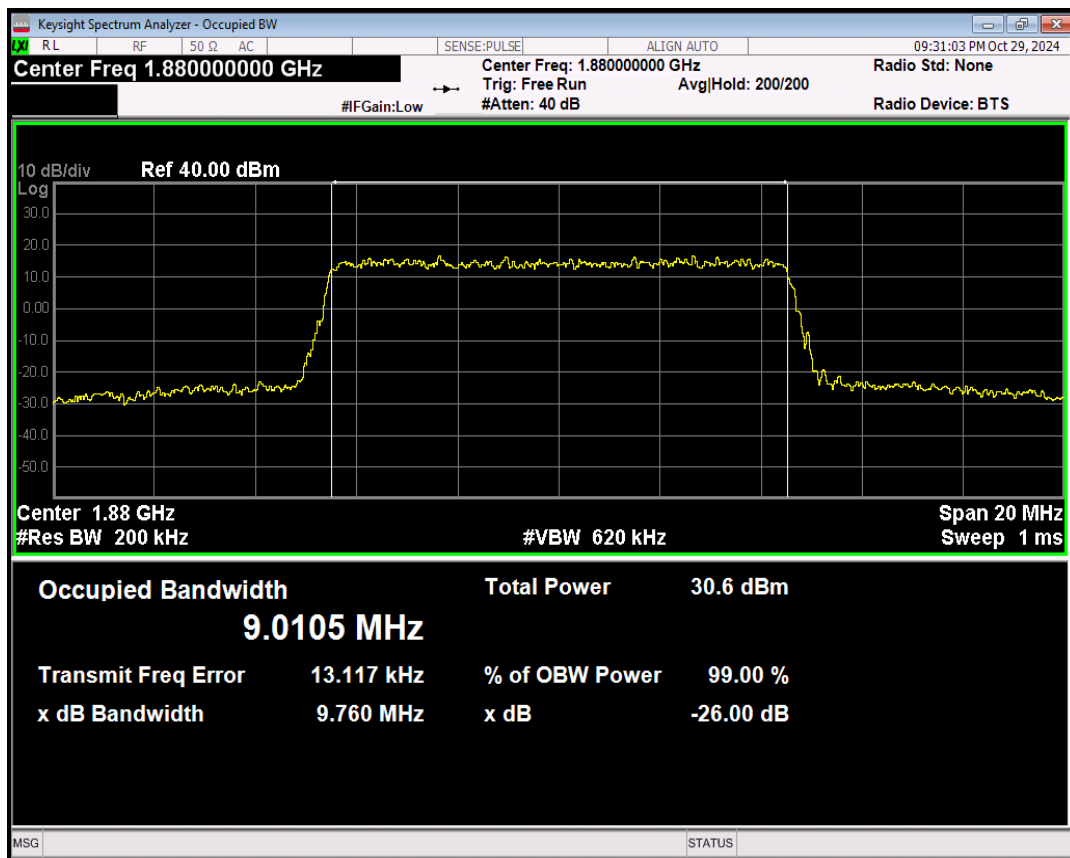
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



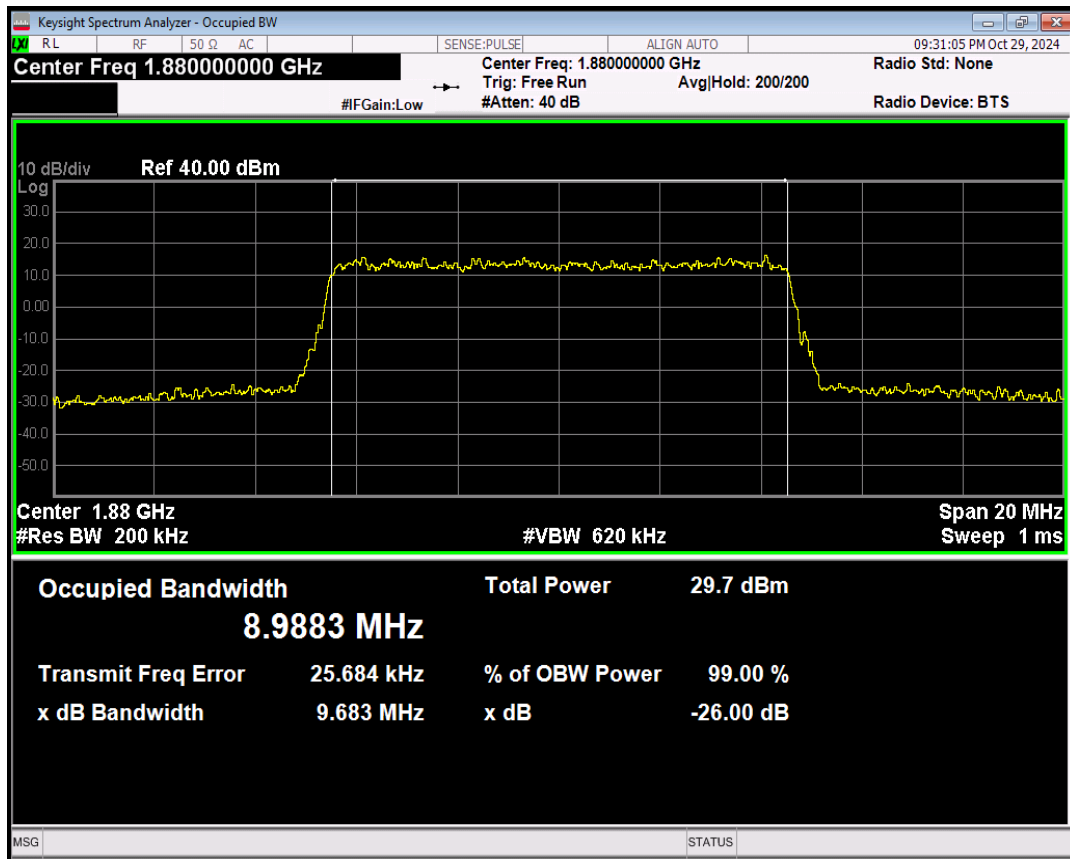
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



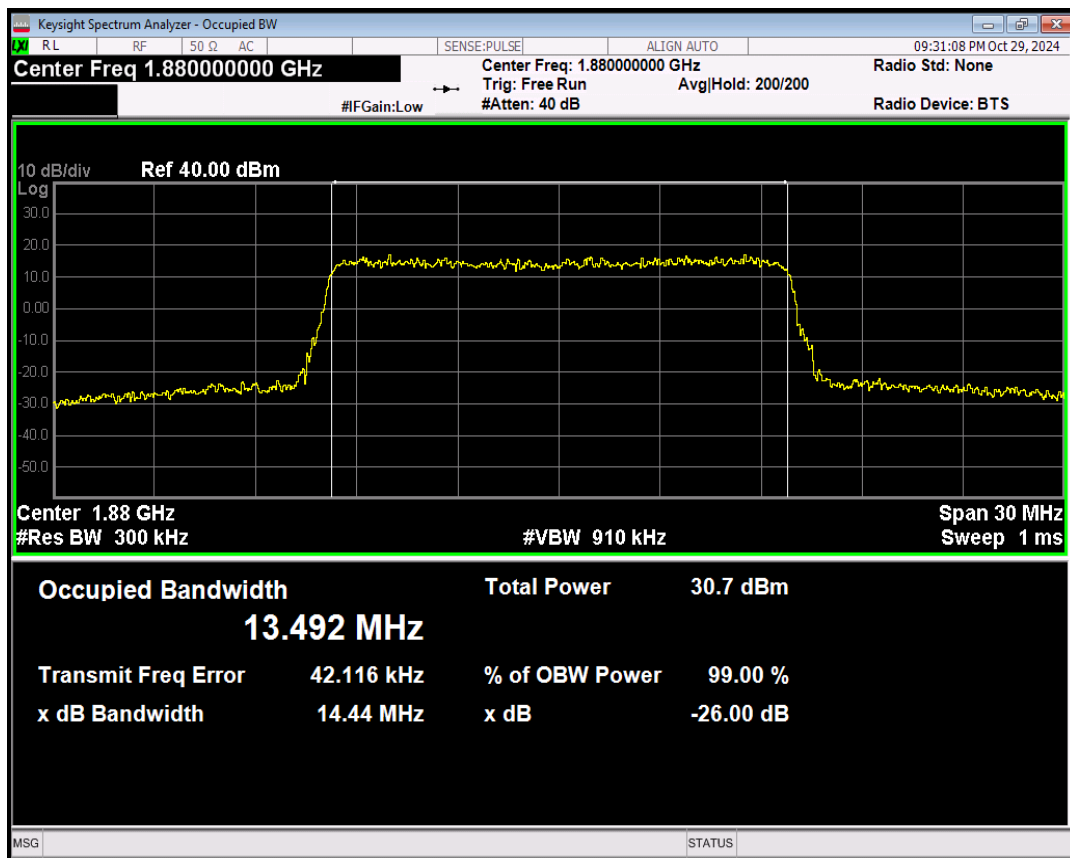
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



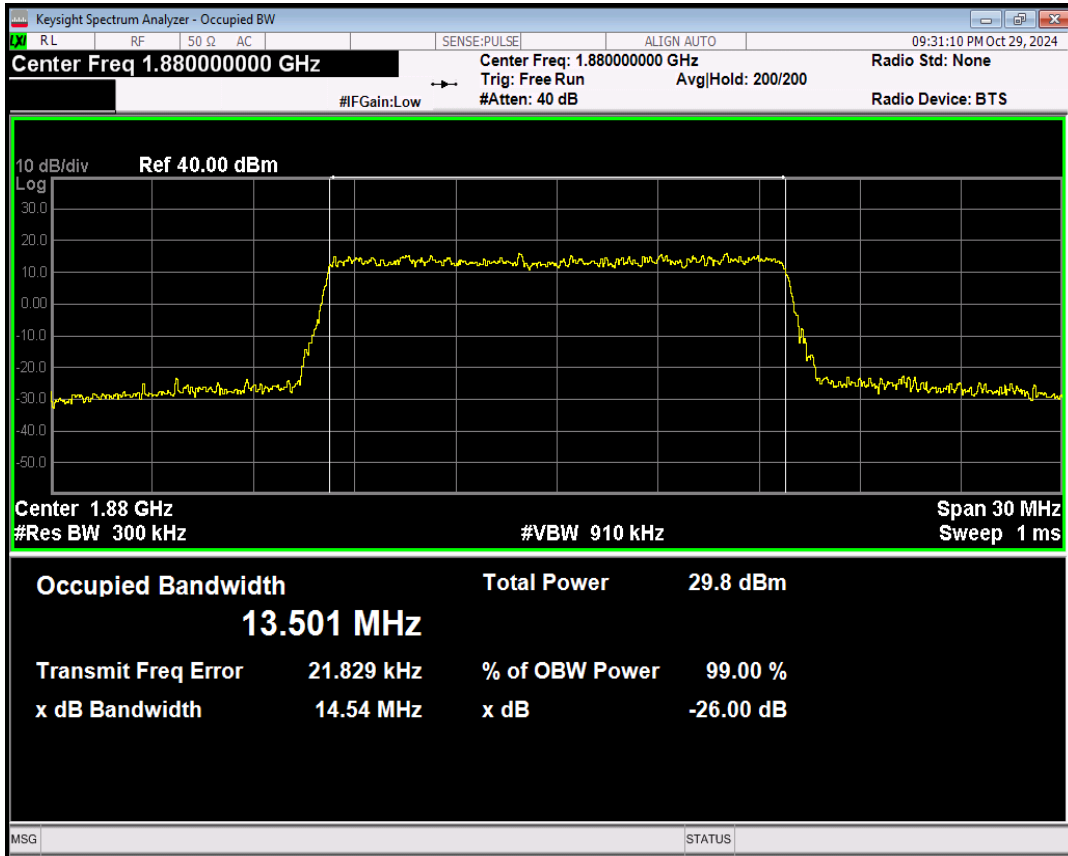
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



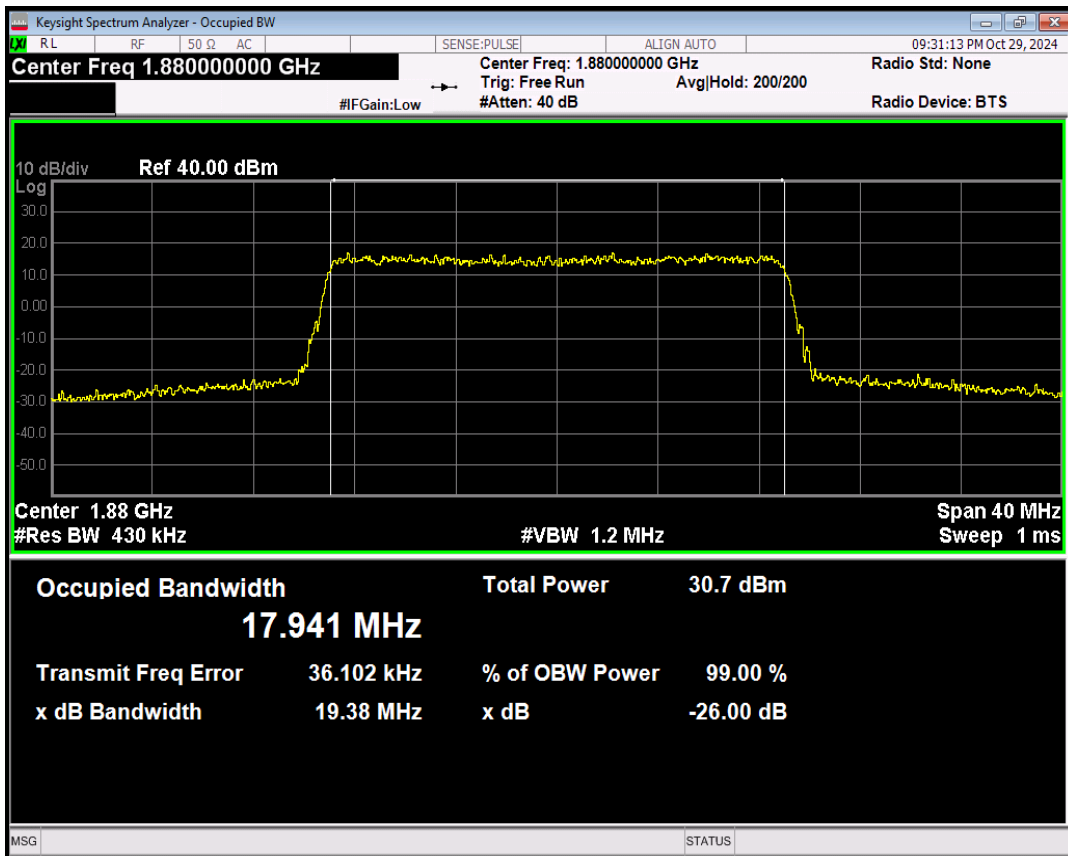
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



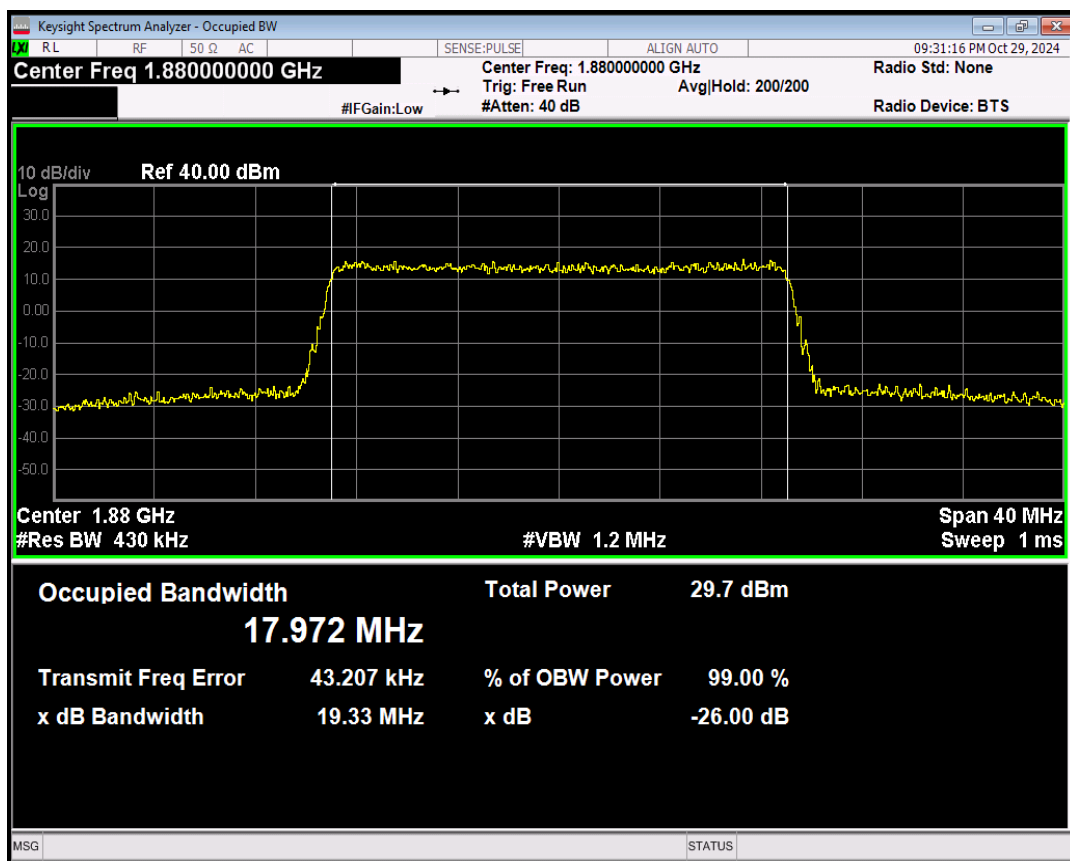
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



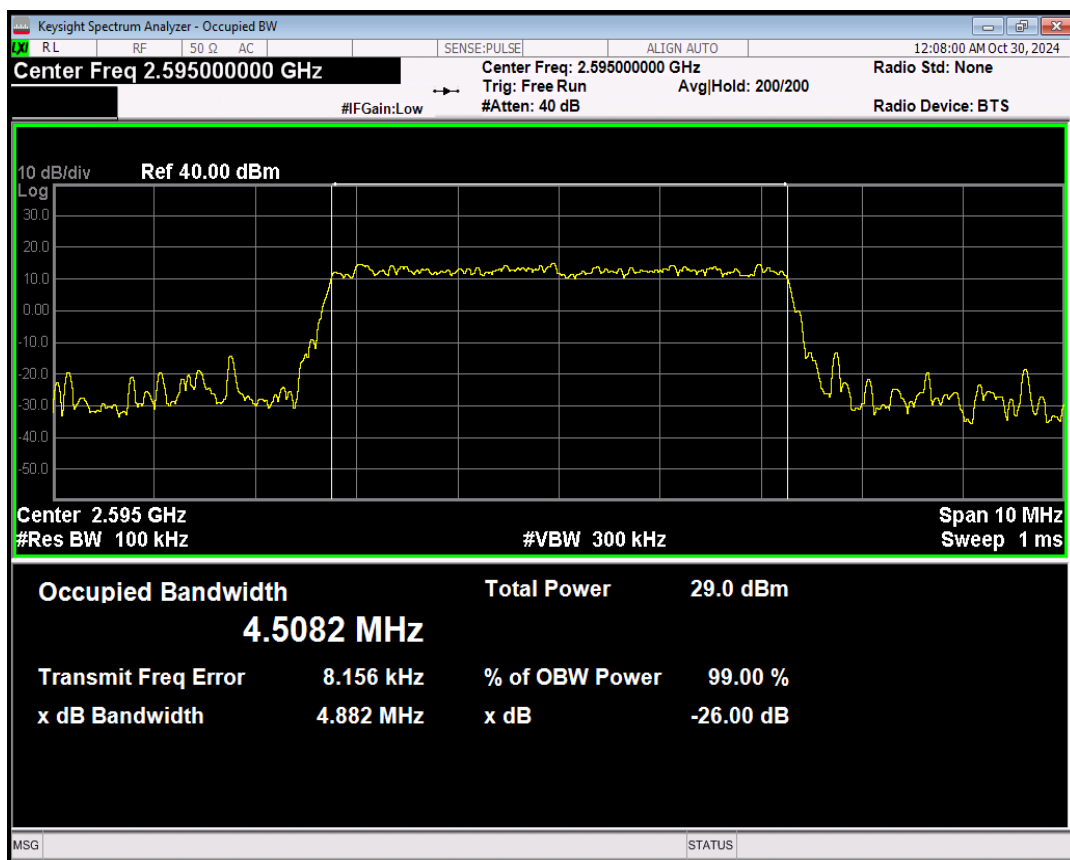
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



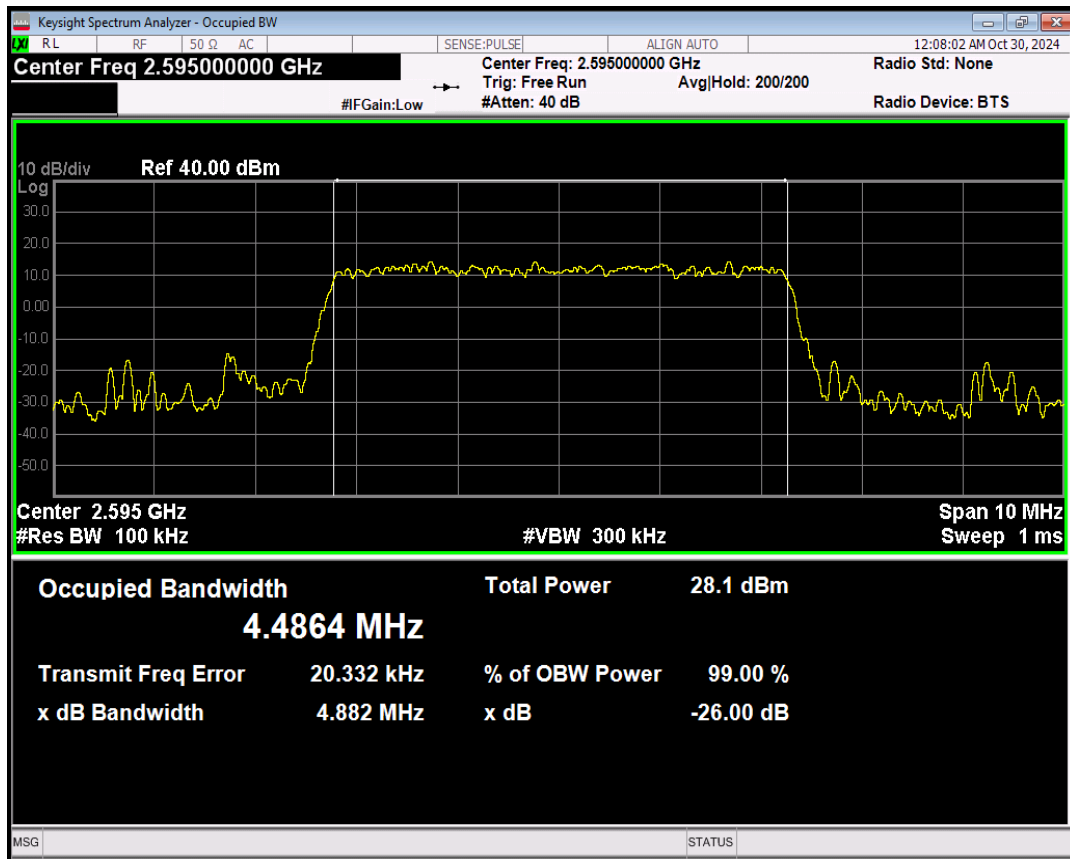
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



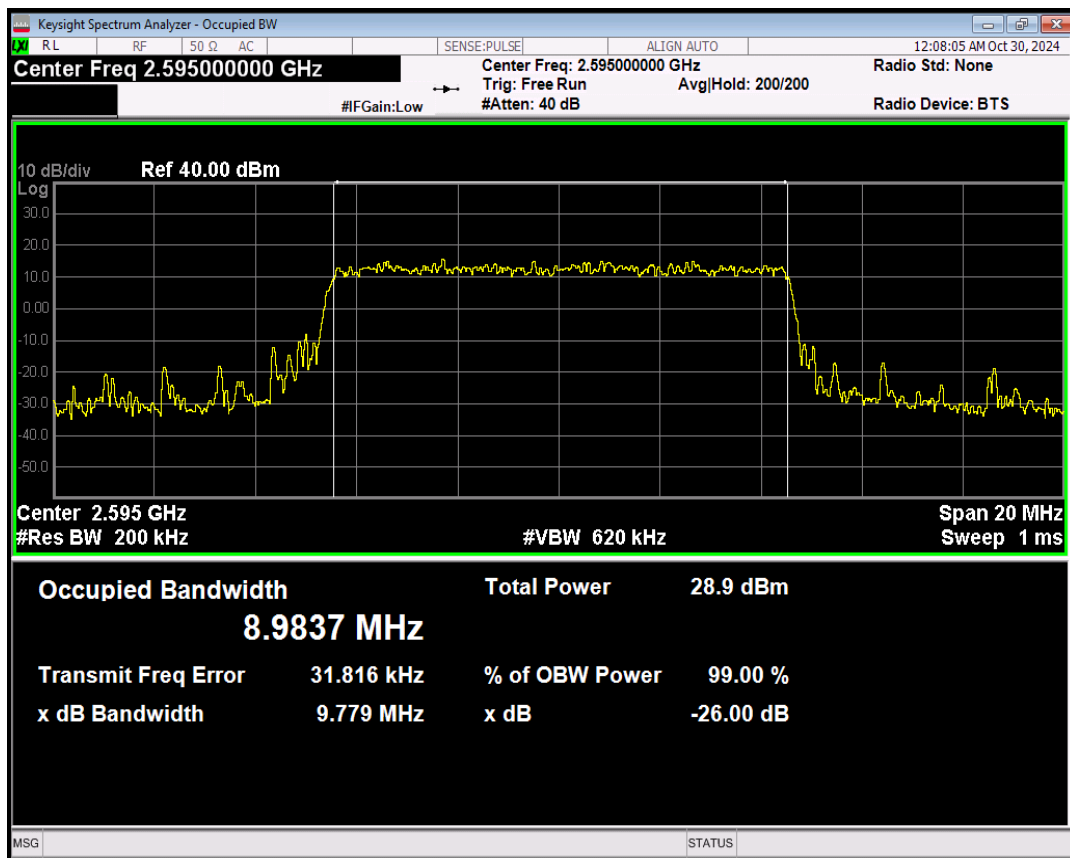
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



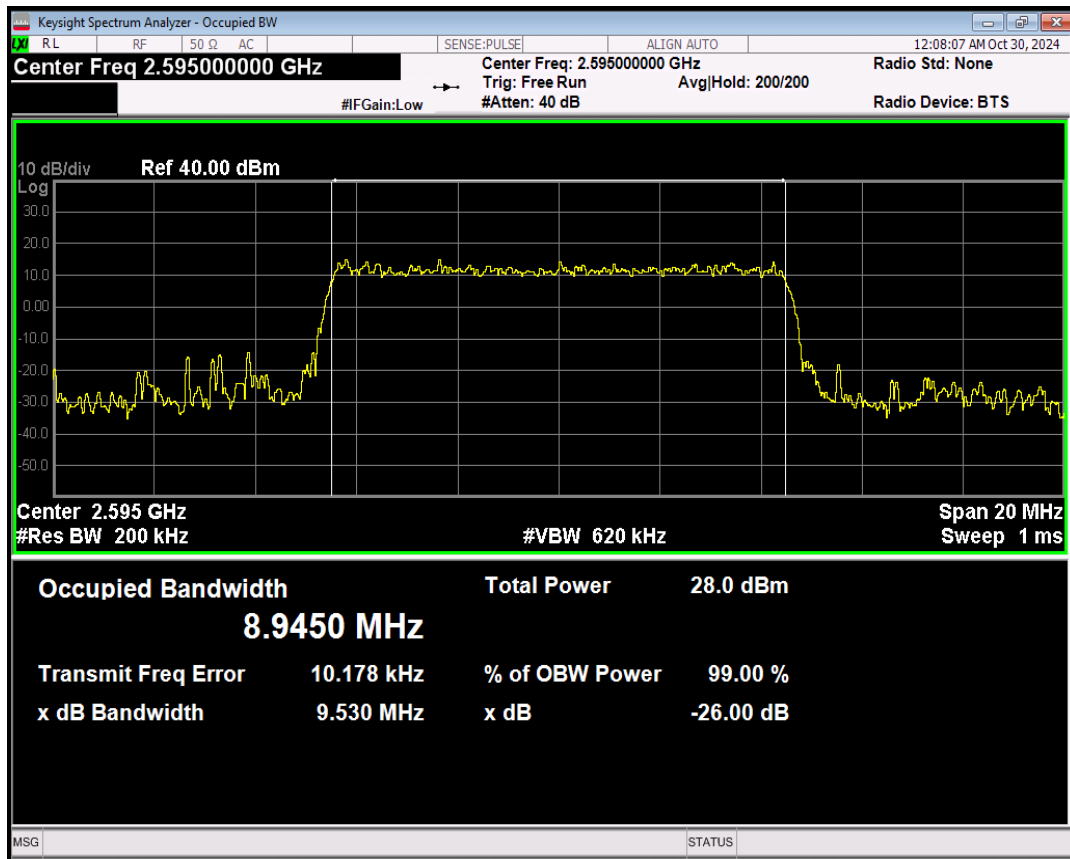
Band38 16QAM BW=5MHz Channel=38000 RB Size=25 Position=#0



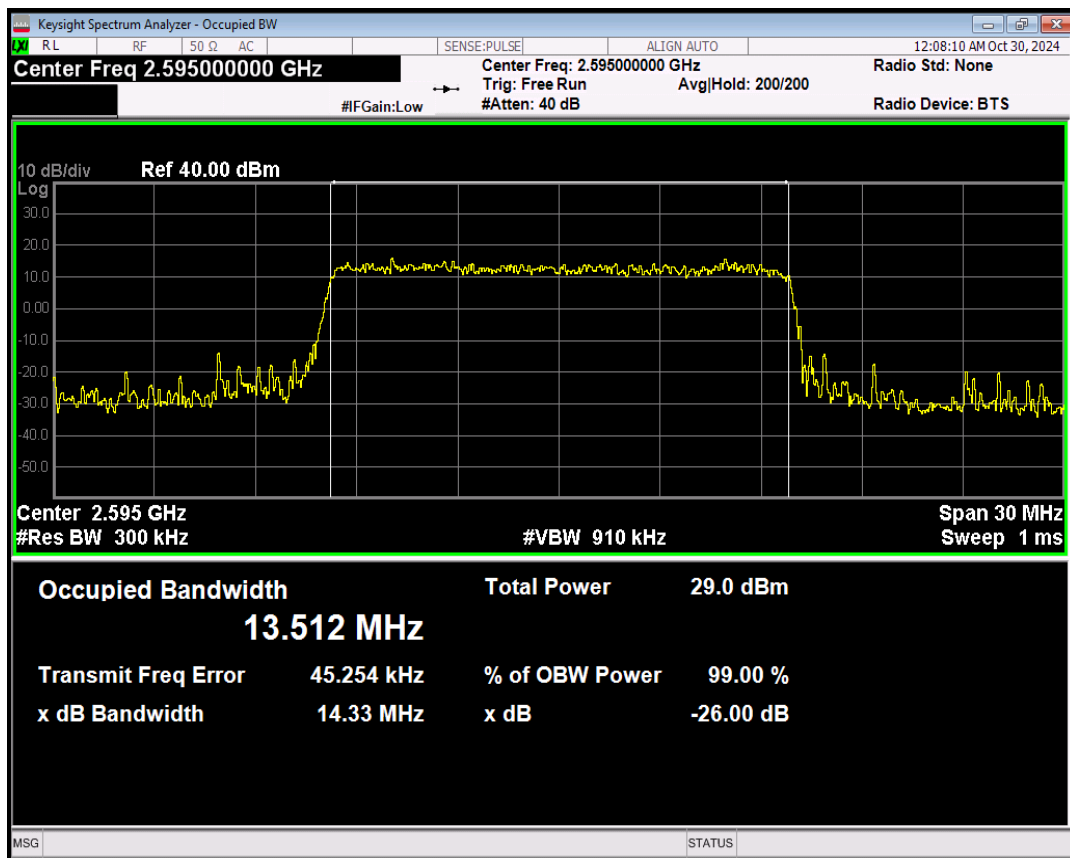
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



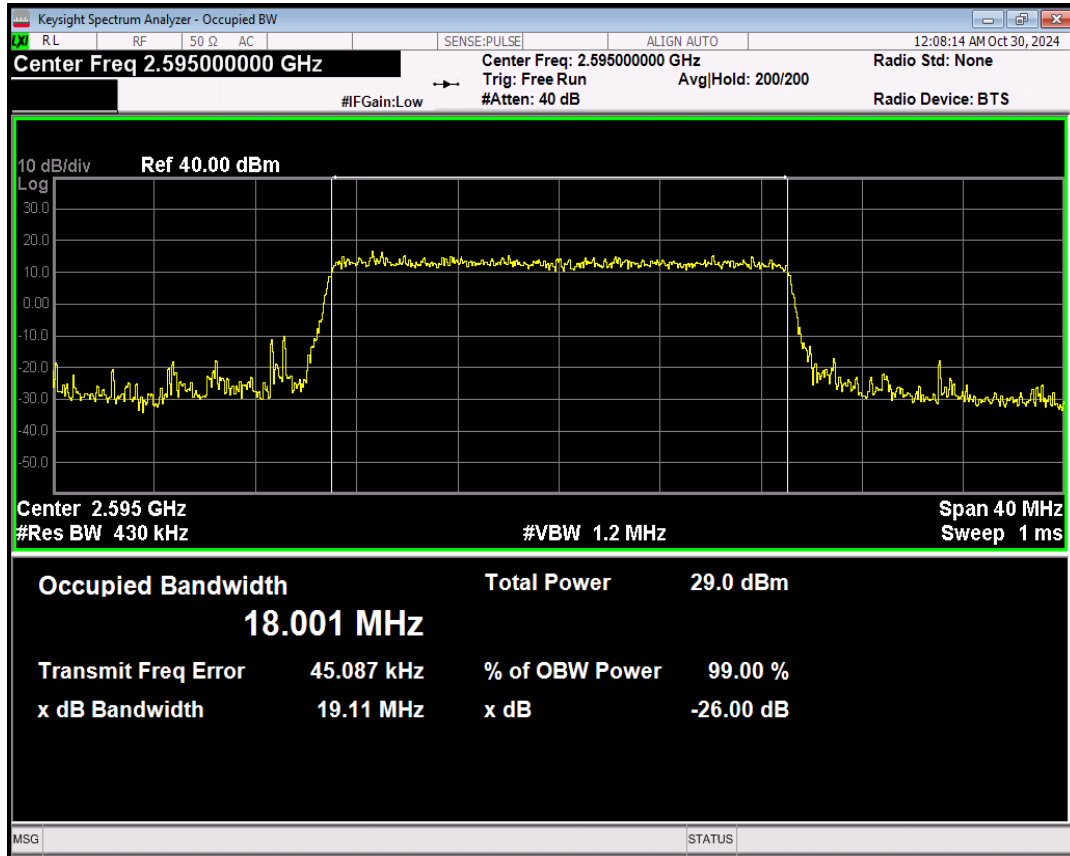
Band38 16QAM BW=10MHz Channel=38000 RB Size=50 Position=#0



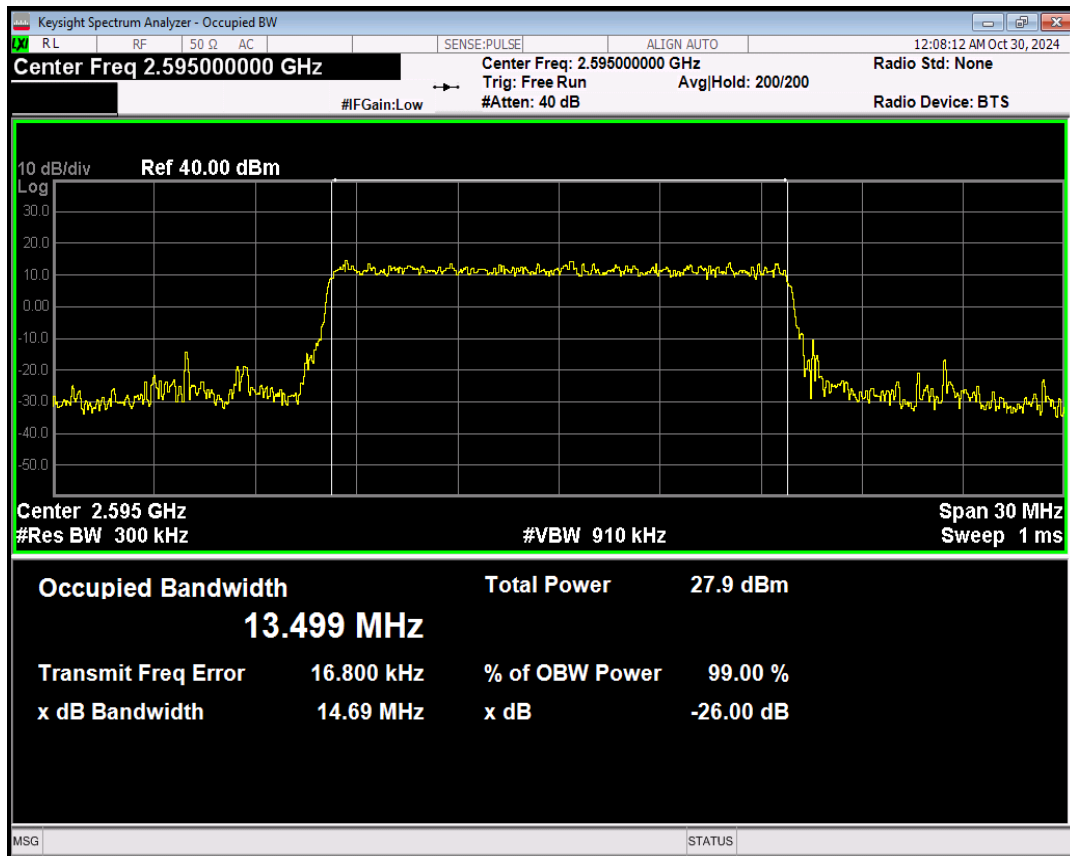
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



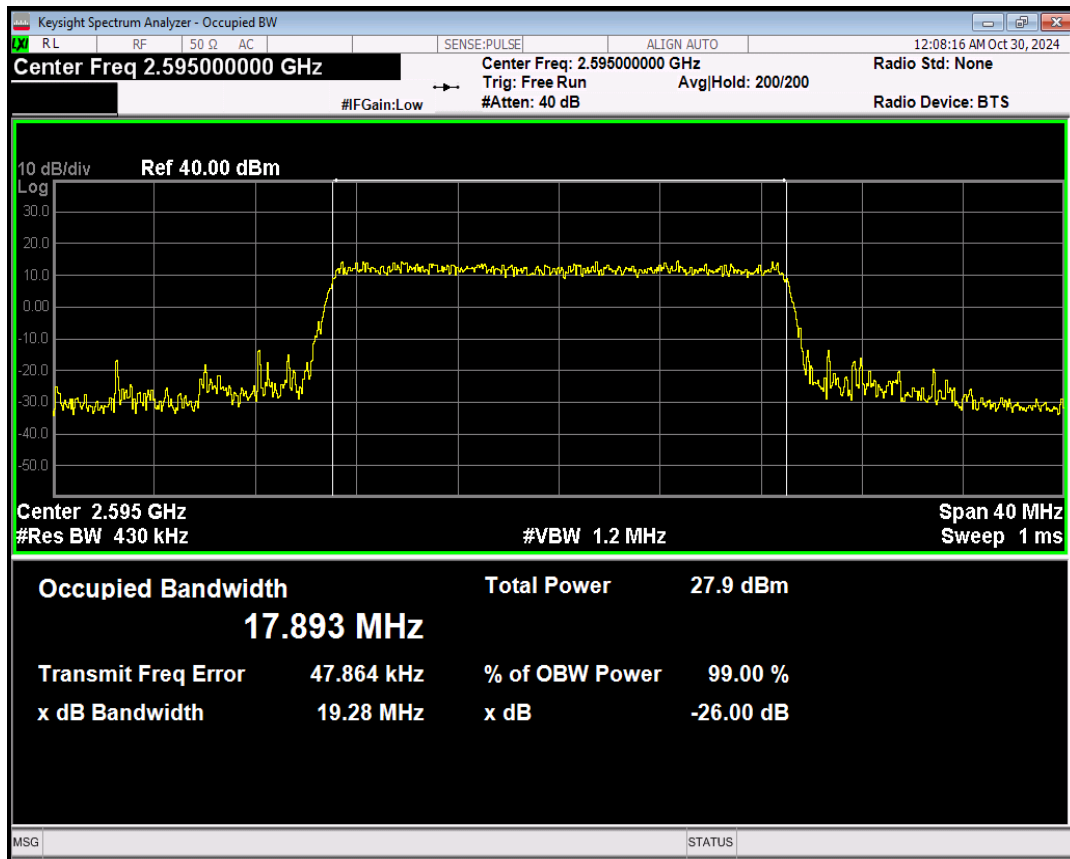
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



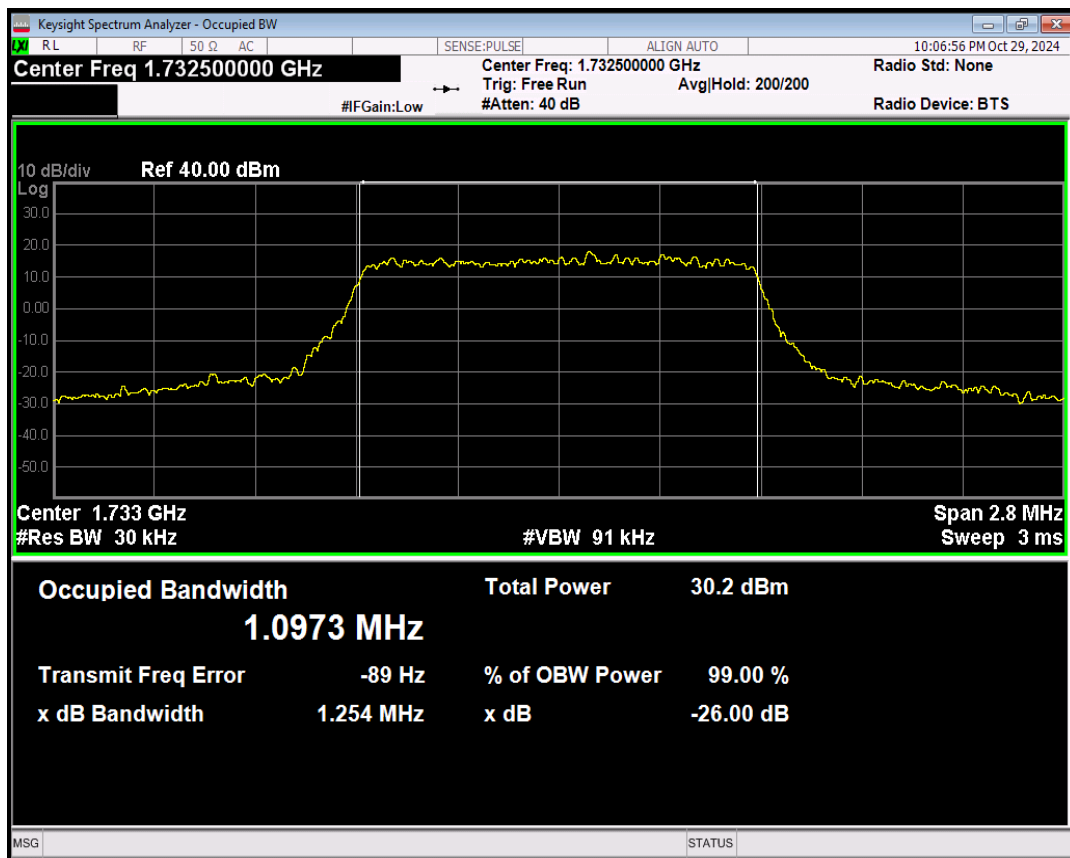
Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0



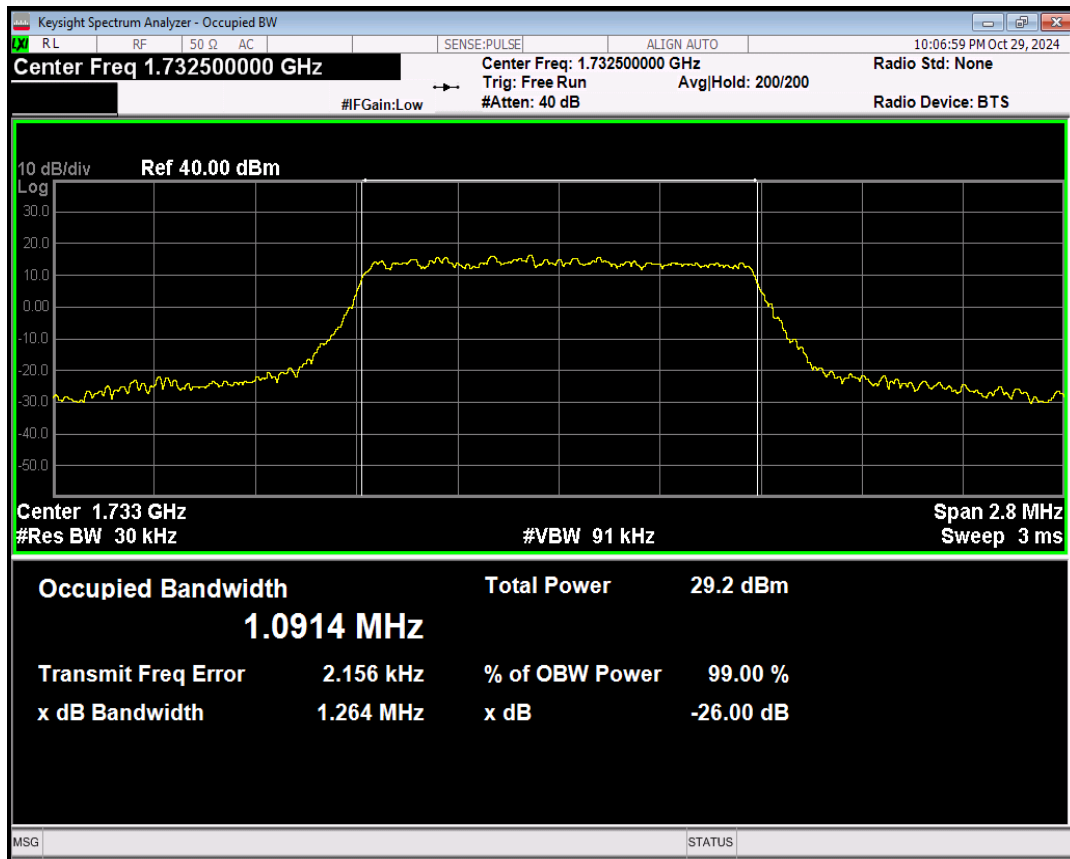
Band38 16QAM BW=20MHz Channel=38000 RB Size=100 Position=#0



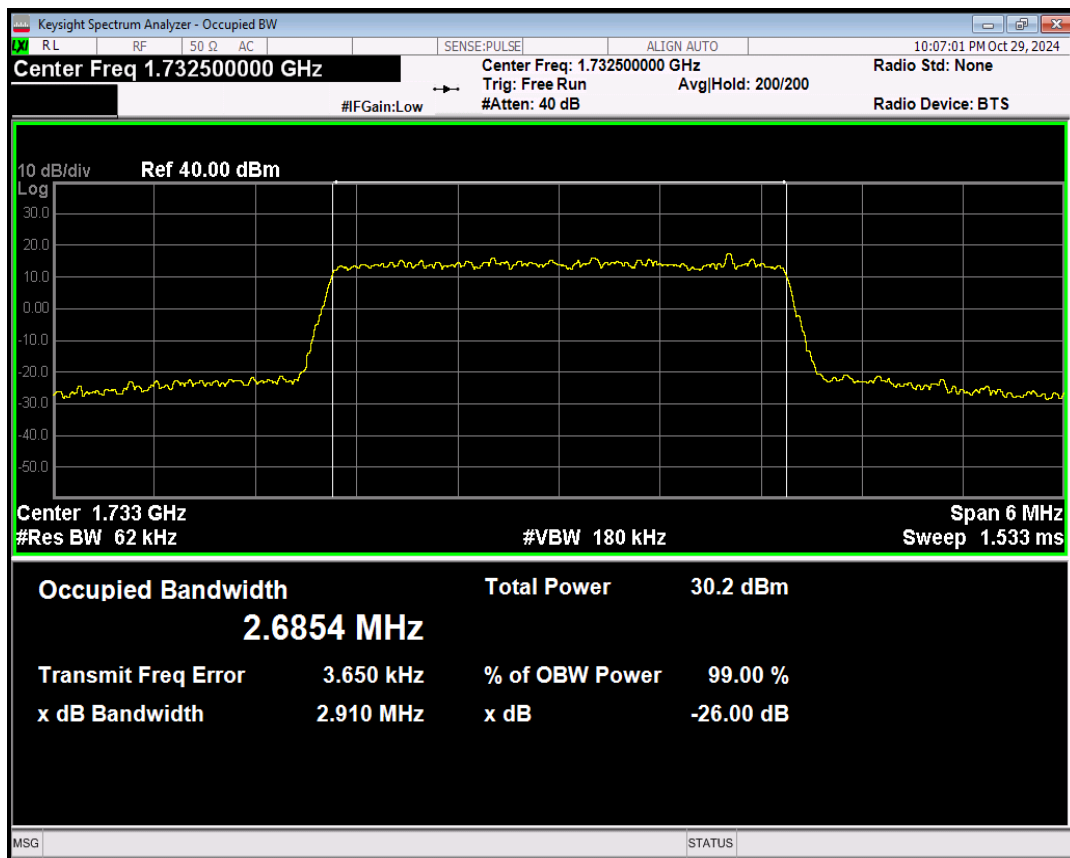
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



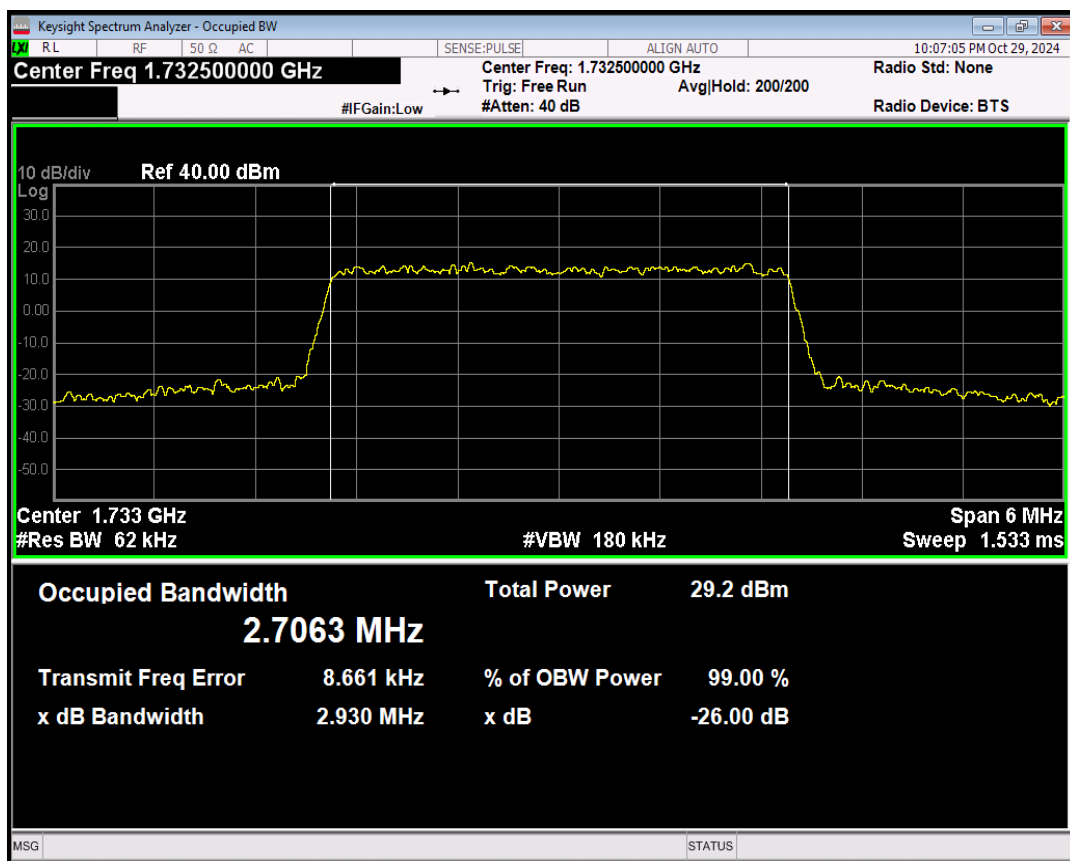
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



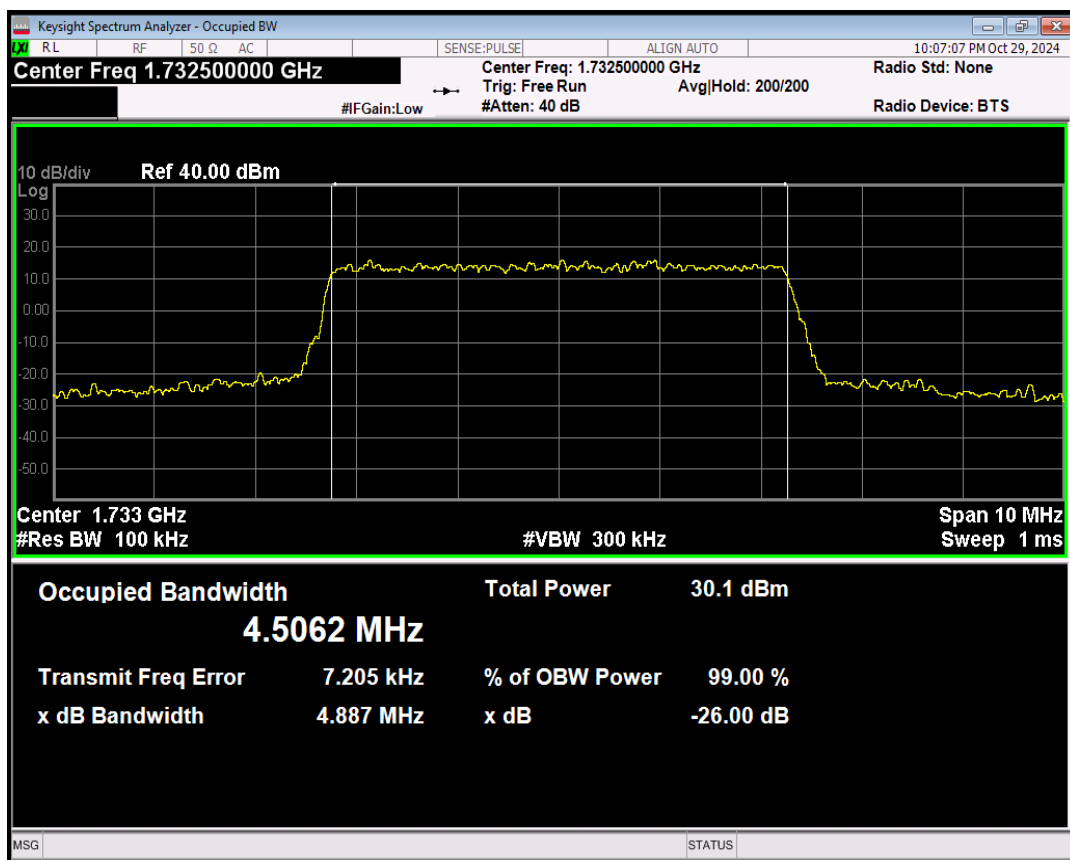
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



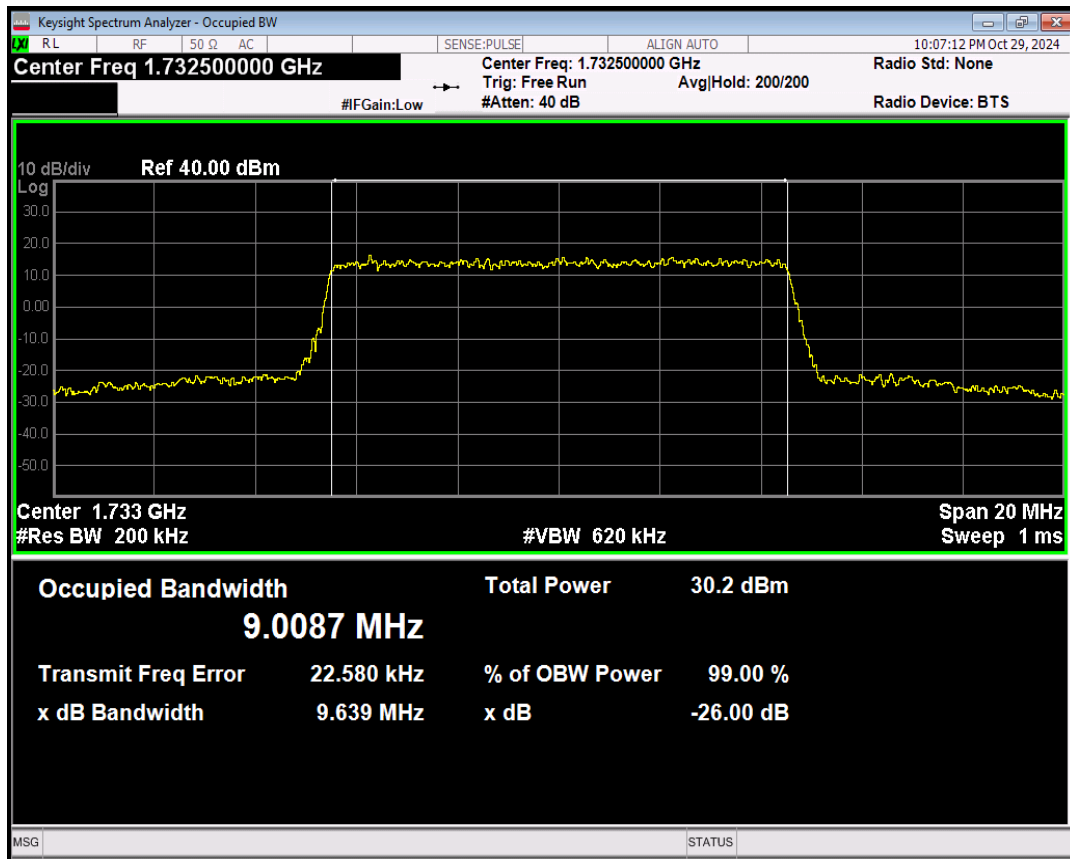
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



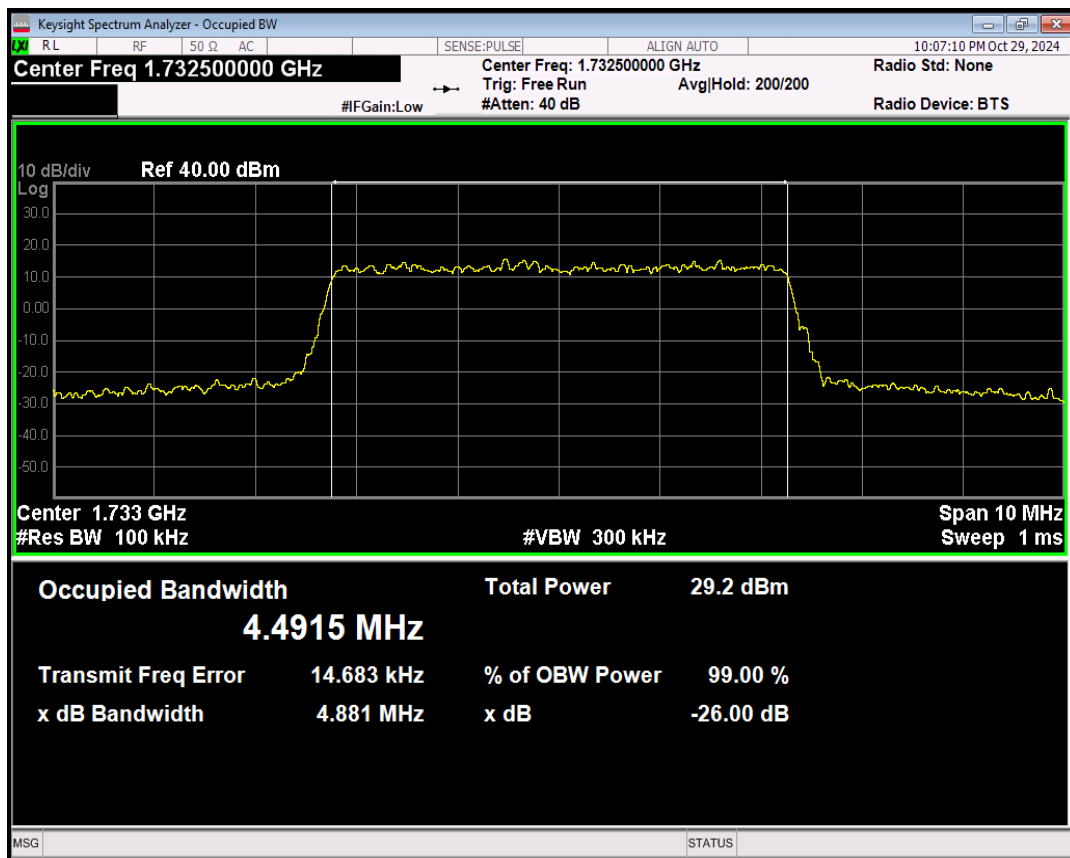
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



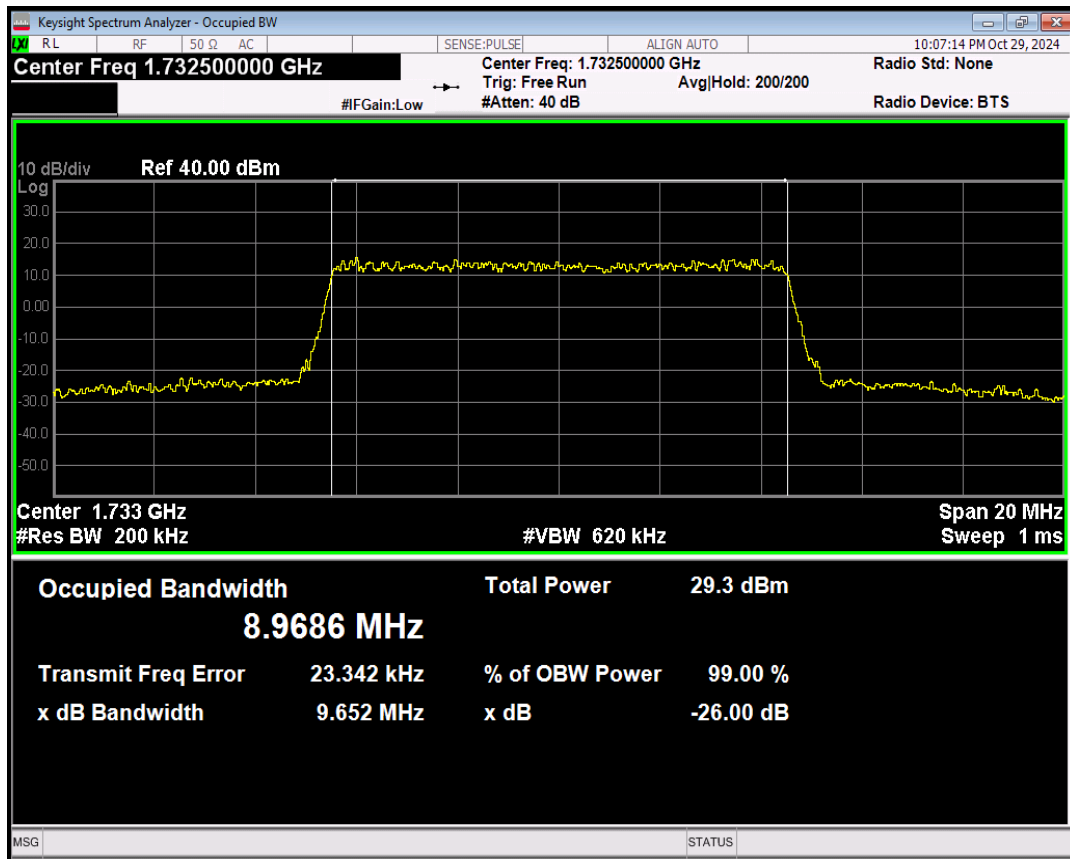
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



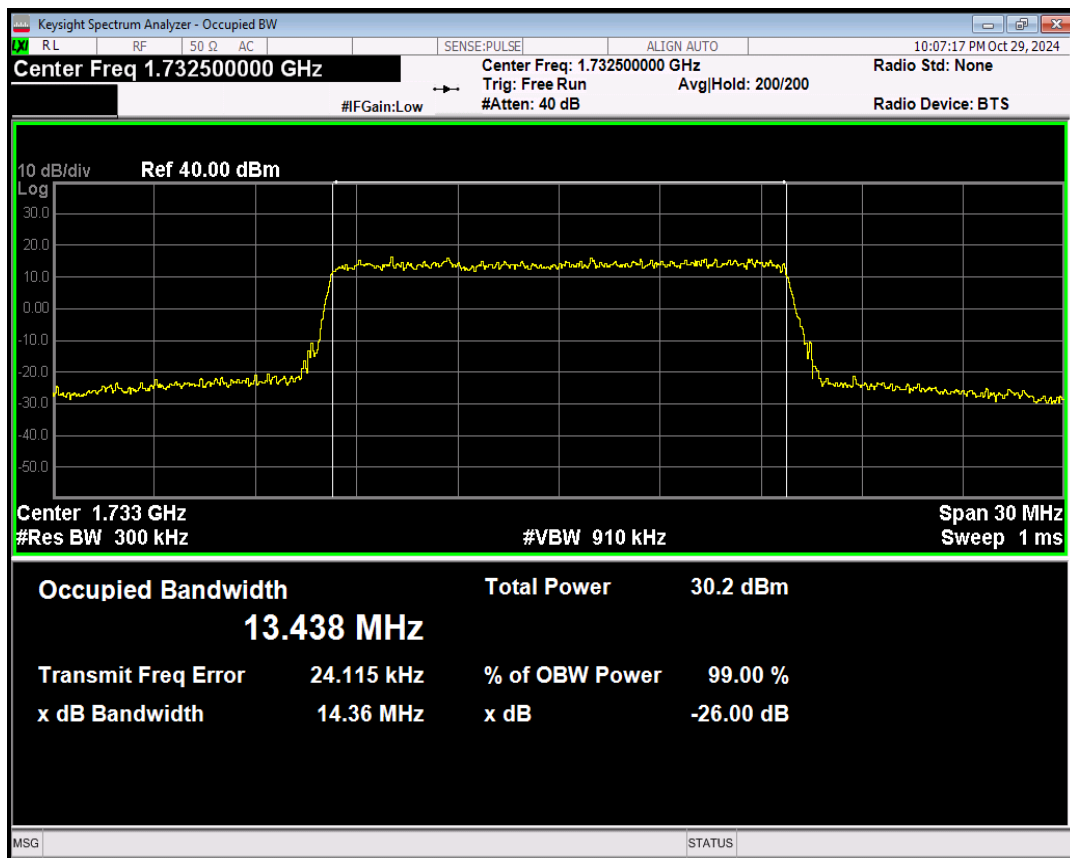
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0