

## Occupied Bandwidth

| Mode                     | Channel | Frequency<br>(MHz) | 99% Power          | -26dBc<br>Bandwidth(MHz) |
|--------------------------|---------|--------------------|--------------------|--------------------------|
|                          |         |                    | Bandwidth<br>(MHz) |                          |
| GSM 850<br>(GSM)         | 128     | 824.2              | 0.244              | 0.313                    |
|                          | 190     | 836.6              | 0.244              | 0.300                    |
|                          | 251     | 848.8              | 0.246              | 0.313                    |
| GPRS 850<br>(GMSK)       | 128     | 824.2              | 0.243              | 0.320                    |
|                          | 190     | 836.6              | 0.243              | 0.313                    |
|                          | 251     | 848.8              | 0.246              | 0.307                    |
| EGPRS<br>850<br>(8-PSK)  | 128     | 824.2              | 0.244              | 0.304                    |
|                          | 190     | 836.6              | 0.246              | 0.310                    |
|                          | 251     | 848.8              | 0.245              | 0.301                    |
| Mode                     | Channel | Frequency<br>(MHz) | 99% Power          | -26dBc<br>Bandwidth(MHz) |
|                          |         |                    | Bandwidth<br>(MHz) |                          |
| GSM 1900<br>(GSM)        | 512     | 1850.2             | 0.243              | 0.310                    |
|                          | 661     | 1880.0             | 0.244              | 0.317                    |
|                          | 810     | 1909.8             | 0.243              | 0.315                    |
| GPRS 1900<br>(GMSK)      | 512     | 1850.2             | 0.247              | 0.316                    |
|                          | 661     | 1880.0             | 0.241              | 0.306                    |
|                          | 810     | 1909.8             | 0.244              | 0.319                    |
| EGPRS<br>1900<br>(8-PSK) | 512     | 1850.2             | 0.242              | 0.308                    |
|                          | 661     | 1880.0             | 0.241              | 0.311                    |
|                          | 810     | 1909.8             | 0.243              | 0.304                    |

| Mode     | Channel | Frequency<br>(MHz) | 99% Power          | -26dBc<br>Bandwidth(MHz) |
|----------|---------|--------------------|--------------------|--------------------------|
|          |         |                    | Bandwidth<br>(MHz) |                          |
| WCDMA B2 | 9262    | 1852.4             | 4.16               | 4.69                     |
|          | 9400    | 1880.0             | 4.16               | 4.66                     |
|          | 9538    | 1907.6             | 4.14               | 4.69                     |
| Mode     | Channel | Frequency<br>(MHz) | 99% Power          | -26dBc<br>Bandwidth(MHz) |
|          |         |                    | Bandwidth<br>(MHz) |                          |
| WCDMA B4 | 1312    | 1712.4             | 4.15               | 4.71                     |
|          | 1413    | 1732.6             | 4.16               | 4.68                     |
|          | 1513    | 1752.6             | 4.16               | 4.67                     |
| Mode     | Channel | Frequency<br>(MHz) | 99% Power          | -26dBc<br>Bandwidth(MHz) |
|          |         |                    | Bandwidth<br>(MHz) |                          |
| WCDMA B5 | 4132    | 826.4              | 4.14               | 4.69                     |
|          | 4183    | 836.6              | 4.14               | 4.67                     |
|          | 4233    | 846.6              | 4.13               | 4.66                     |

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | 99%<br>OBW<br>(MHz) | -26dB<br>EBW<br>(MHz) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|---------------------|-----------------------|---------|
| Band2 | 1.4                | 18607         | 6          | #0             | QPSK       | 1.098               | 1.296                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 1.103               | 1.333                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 1.110               | 1.355                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 1.099               | 1.315                 | PASS    |
|       |                    | 18900         |            | #0             | QPSK       | 1.095               | 1.314                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 1.100               | 1.372                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 1.096               | 1.334                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 1.103               | 1.361                 | PASS    |
|       |                    | 19193         |            | #0             | QPSK       | 1.098               | 1.337                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 1.108               | 1.317                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 1.099               | 1.324                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 1.094               | 1.339                 | PASS    |
|       | 3                  | 18615         | 15         | #0             | QPSK       | 2.707               | 3.056                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 2.701               | 3.011                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 2.706               | 2.992                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 2.720               | 3.015                 | PASS    |
|       |                    | 18900         |            | #0             | QPSK       | 2.700               | 2.988                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 2.699               | 3.027                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 2.700               | 3.057                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 2.716               | 3.021                 | PASS    |
|       |                    | 19185         |            | #0             | QPSK       | 2.704               | 3.027                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 2.706               | 3.012                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 2.717               | 3.011                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 2.706               | 3.042                 | PASS    |
|       | 5                  | 18625         | 25         | #0             | QPSK       | 4.517               | 5.097                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 4.505               | 5.023                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 4.502               | 4.995                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 4.496               | 5.080                 | PASS    |
|       |                    | 18900         |            | #0             | QPSK       | 4.503               | 5.105                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 4.535               | 5.055                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 4.514               | 5.058                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 4.505               | 5.135                 | PASS    |
|       |                    | 19175         |            | #0             | QPSK       | 4.506               | 5.063                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 4.523               | 5.200                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 4.514               | 5.041                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 4.508               | 5.122                 | PASS    |
|       | 10                 | 18650         | 50         | #0             | QPSK       | 8.982               | 9.963                 | PASS    |
|       |                    |               |            | #0             | 16QAM      | 9.022               | 9.955                 | PASS    |
|       |                    |               |            | #0             | 64QAM      | 8.972               | 9.967                 | PASS    |
|       |                    |               |            | #0             | 256QAM     | 9.014               | 9.904                 | PASS    |

|       |       |       |     |        |        |        |        |      |
|-------|-------|-------|-----|--------|--------|--------|--------|------|
| Band4 |       | 18900 |     | #0     | QPSK   | 8.981  | 9.913  | PASS |
|       |       |       |     | #0     | 16QAM  | 8.990  | 9.914  | PASS |
|       |       |       |     | #0     | 64QAM  | 8.991  | 10.024 | PASS |
|       |       |       |     | #0     | 256QAM | 8.980  | 9.957  | PASS |
|       |       | 19150 |     | #0     | QPSK   | 9.015  | 9.698  | PASS |
|       |       |       |     | #0     | 16QAM  | 9.018  | 9.764  | PASS |
|       |       |       |     | #0     | 64QAM  | 9.004  | 9.925  | PASS |
|       |       |       |     | #0     | 256QAM | 8.986  | 9.797  | PASS |
|       | 15    | 18675 | 75  | #0     | QPSK   | 13.435 | 14.412 | PASS |
|       |       |       |     | #0     | 16QAM  | 13.460 | 15.087 | PASS |
|       |       |       |     | #0     | 64QAM  | 13.475 | 14.841 | PASS |
|       |       |       |     | #0     | 256QAM | 13.472 | 14.494 | PASS |
|       |       | 18900 |     | #0     | QPSK   | 13.464 | 14.782 | PASS |
|       |       |       |     | #0     | 16QAM  | 13.479 | 14.588 | PASS |
|       |       |       |     | #0     | 64QAM  | 13.476 | 14.680 | PASS |
|       |       |       |     | #0     | 256QAM | 13.473 | 14.618 | PASS |
|       |       | 19125 |     | #0     | QPSK   | 13.486 | 14.806 | PASS |
|       |       |       |     | #0     | 16QAM  | 13.504 | 14.877 | PASS |
|       |       |       |     | #0     | 64QAM  | 13.502 | 14.849 | PASS |
|       |       |       |     | #0     | 256QAM | 13.532 | 14.765 | PASS |
|       | 20    | 18700 | 100 | #0     | QPSK   | 18.011 | 19.853 | PASS |
|       |       |       |     | #0     | 16QAM  | 17.971 | 19.295 | PASS |
|       |       |       |     | #0     | 64QAM  | 17.961 | 19.599 | PASS |
|       |       |       |     | #0     | 256QAM | 18.023 | 19.626 | PASS |
|       |       | 18900 |     | #0     | QPSK   | 18.013 | 19.592 | PASS |
|       |       |       |     | #0     | 16QAM  | 17.995 | 19.520 | PASS |
|       |       |       |     | #0     | 64QAM  | 17.984 | 19.715 | PASS |
|       |       |       |     | #0     | 256QAM | 17.948 | 19.499 | PASS |
|       |       | 19100 |     | #0     | QPSK   | 17.981 | 19.401 | PASS |
|       |       |       |     | #0     | 16QAM  | 18.005 | 19.755 | PASS |
|       |       |       |     | #0     | 64QAM  | 18.044 | 19.539 | PASS |
|       |       |       |     | #0     | 256QAM | 17.998 | 19.567 | PASS |
| 1.4   | 19957 | 6     | #0  | QPSK   | 1.106  | 1.338  | PASS   |      |
|       |       |       | #0  | 16QAM  | 1.099  | 1.365  | PASS   |      |
|       |       |       | #0  | 64QAM  | 1.094  | 1.357  | PASS   |      |
|       |       |       | #0  | 256QAM | 1.100  | 1.316  | PASS   |      |
|       | 20175 |       | #0  | QPSK   | 1.107  | 1.316  | PASS   |      |
|       |       |       | #0  | 16QAM  | 1.107  | 1.316  | PASS   |      |
|       |       |       | #0  | 64QAM  | 1.094  | 1.353  | PASS   |      |
|       |       |       | #0  | 256QAM | 1.100  | 1.320  | PASS   |      |
|       | 20393 |       | #0  | QPSK   | 1.099  | 1.326  | PASS   |      |
|       |       |       | #0  | 16QAM  | 1.106  | 1.372  | PASS   |      |
|       |       |       | #0  | 64QAM  | 1.106  | 1.333  | PASS   |      |
|       |       |       | #0  | 256QAM | 1.101  | 1.321  | PASS   |      |

|  |    |       |    |    |        |        |        |      |
|--|----|-------|----|----|--------|--------|--------|------|
|  | 3  | 19965 | 15 | #0 | QPSK   | 2.699  | 3.009  | PASS |
|  |    |       |    | #0 | 16QAM  | 2.717  | 3.043  | PASS |
|  |    |       |    | #0 | 64QAM  | 2.708  | 3.074  | PASS |
|  |    |       |    | #0 | 256QAM | 2.710  | 3.033  | PASS |
|  |    | 20175 |    | #0 | QPSK   | 2.709  | 3.046  | PASS |
|  |    |       |    | #0 | 16QAM  | 2.701  | 3.040  | PASS |
|  |    |       |    | #0 | 64QAM  | 2.704  | 3.002  | PASS |
|  |    |       |    | #0 | 256QAM | 2.718  | 3.053  | PASS |
|  |    | 20385 |    | #0 | QPSK   | 2.703  | 3.029  | PASS |
|  |    |       |    | #0 | 16QAM  | 2.697  | 3.036  | PASS |
|  |    |       |    | #0 | 64QAM  | 2.729  | 2.994  | PASS |
|  |    |       |    | #0 | 256QAM | 2.710  | 2.984  | PASS |
|  | 5  | 19975 | 25 | #0 | QPSK   | 4.515  | 5.070  | PASS |
|  |    |       |    | #0 | 16QAM  | 4.502  | 5.042  | PASS |
|  |    |       |    | #0 | 64QAM  | 4.523  | 5.163  | PASS |
|  |    |       |    | #0 | 256QAM | 4.509  | 5.081  | PASS |
|  |    | 20175 |    | #0 | QPSK   | 4.513  | 5.120  | PASS |
|  |    |       |    | #0 | 16QAM  | 4.504  | 4.990  | PASS |
|  |    |       |    | #0 | 64QAM  | 4.500  | 5.020  | PASS |
|  |    |       |    | #0 | 256QAM | 4.512  | 5.024  | PASS |
|  |    | 20375 |    | #0 | QPSK   | 4.506  | 5.094  | PASS |
|  |    |       |    | #0 | 16QAM  | 4.500  | 5.089  | PASS |
|  |    |       |    | #0 | 64QAM  | 4.517  | 5.090  | PASS |
|  |    |       |    | #0 | 256QAM | 4.522  | 5.050  | PASS |
|  | 10 | 20000 | 50 | #0 | QPSK   | 8.991  | 10.047 | PASS |
|  |    |       |    | #0 | 16QAM  | 8.981  | 9.833  | PASS |
|  |    |       |    | #0 | 64QAM  | 8.996  | 9.874  | PASS |
|  |    |       |    | #0 | 256QAM | 8.989  | 9.962  | PASS |
|  |    | 20175 |    | #0 | QPSK   | 9.011  | 9.872  | PASS |
|  |    |       |    | #0 | 16QAM  | 8.980  | 9.804  | PASS |
|  |    |       |    | #0 | 64QAM  | 9.010  | 9.812  | PASS |
|  |    |       |    | #0 | 256QAM | 8.962  | 10.007 | PASS |
|  |    | 20350 |    | #0 | QPSK   | 8.995  | 9.746  | PASS |
|  |    |       |    | #0 | 16QAM  | 8.968  | 9.906  | PASS |
|  |    |       |    | #0 | 64QAM  | 8.993  | 9.849  | PASS |
|  |    |       |    | #0 | 256QAM | 8.981  | 9.727  | PASS |
|  | 15 | 20025 | 75 | #0 | QPSK   | 13.455 | 14.652 | PASS |
|  |    |       |    | #0 | 16QAM  | 13.455 | 14.824 | PASS |
|  |    |       |    | #0 | 64QAM  | 13.506 | 14.724 | PASS |
|  |    |       |    | #0 | 256QAM | 13.428 | 14.500 | PASS |
|  |    | 20175 |    | #0 | QPSK   | 13.464 | 14.845 | PASS |
|  |    |       |    | #0 | 16QAM  | 13.483 | 14.662 | PASS |
|  |    |       |    | #0 | 64QAM  | 13.464 | 14.695 | PASS |
|  |    |       |    | #0 | 256QAM | 13.482 | 14.963 | PASS |

|       |     |       |     |    |        |        |        |      |
|-------|-----|-------|-----|----|--------|--------|--------|------|
|       |     | 20325 |     | #0 | QPSK   | 13.449 | 14.629 | PASS |
|       |     |       |     | #0 | 16QAM  | 13.462 | 14.607 | PASS |
|       |     |       |     | #0 | 64QAM  | 13.458 | 14.599 | PASS |
|       |     |       |     | #0 | 256QAM | 13.456 | 14.677 | PASS |
|       | 20  | 20050 | 100 | #0 | QPSK   | 17.989 | 19.566 | PASS |
|       |     |       |     | #0 | 16QAM  | 18.020 | 19.749 | PASS |
|       |     |       |     | #0 | 64QAM  | 17.902 | 19.648 | PASS |
|       |     |       |     | #0 | 256QAM | 17.933 | 19.645 | PASS |
|       |     | 20175 |     | #0 | QPSK   | 17.973 | 19.608 | PASS |
|       |     |       |     | #0 | 16QAM  | 17.994 | 19.540 | PASS |
|       |     |       |     | #0 | 64QAM  | 17.965 | 19.728 | PASS |
|       |     |       |     | #0 | 256QAM | 17.977 | 19.737 | PASS |
|       |     | 20300 |     | #0 | QPSK   | 17.997 | 19.337 | PASS |
|       |     |       |     | #0 | 16QAM  | 17.917 | 19.589 | PASS |
|       |     |       |     | #0 | 64QAM  | 17.990 | 19.460 | PASS |
|       |     |       |     | #0 | 256QAM | 18.000 | 19.682 | PASS |
| Band5 | 1.4 | 20407 | 6   | #0 | QPSK   | 1.093  | 1.335  | PASS |
|       |     |       |     | #0 | 16QAM  | 1.099  | 1.341  | PASS |
|       |     |       |     | #0 | 64QAM  | 1.099  | 1.330  | PASS |
|       |     |       |     | #0 | 256QAM | 1.097  | 1.277  | PASS |
|       |     | 20525 |     | #0 | QPSK   | 1.104  | 1.329  | PASS |
|       |     |       |     | #0 | 16QAM  | 1.108  | 1.364  | PASS |
|       |     |       |     | #0 | 64QAM  | 1.101  | 1.354  | PASS |
|       |     |       |     | #0 | 256QAM | 1.098  | 1.338  | PASS |
|       |     | 20643 |     | #0 | QPSK   | 1.098  | 1.336  | PASS |
|       |     |       |     | #0 | 16QAM  | 1.101  | 1.358  | PASS |
|       |     |       |     | #0 | 64QAM  | 1.100  | 1.359  | PASS |
|       |     |       |     | #0 | 256QAM | 1.099  | 1.288  | PASS |
|       | 3   | 20415 | 15  | #0 | QPSK   | 2.703  | 3.020  | PASS |
|       |     |       |     | #0 | 16QAM  | 2.713  | 3.056  | PASS |
|       |     |       |     | #0 | 64QAM  | 2.732  | 3.020  | PASS |
|       |     |       |     | #0 | 256QAM | 2.698  | 2.987  | PASS |
|       |     | 20525 |     | #0 | QPSK   | 2.701  | 3.030  | PASS |
|       |     |       |     | #0 | 16QAM  | 2.719  | 3.034  | PASS |
|       |     |       |     | #0 | 64QAM  | 2.710  | 3.029  | PASS |
|       |     |       |     | #0 | 256QAM | 2.697  | 3.054  | PASS |
|       |     | 20635 |     | #0 | QPSK   | 2.708  | 3.021  | PASS |
|       |     |       |     | #0 | 16QAM  | 2.709  | 3.018  | PASS |
|       |     |       |     | #0 | 64QAM  | 2.718  | 3.042  | PASS |
|       |     |       |     | #0 | 256QAM | 2.714  | 3.063  | PASS |
|       | 5   | 20425 | 25  | #0 | QPSK   | 4.513  | 5.101  | PASS |
|       |     |       |     | #0 | 16QAM  | 4.500  | 5.042  | PASS |
|       |     |       |     | #0 | 64QAM  | 4.495  | 5.048  | PASS |
|       |     |       |     | #0 | 256QAM | 4.494  | 5.005  | PASS |

|  |    |       |    |    |        |       |       |      |
|--|----|-------|----|----|--------|-------|-------|------|
|  |    | 20525 |    | #0 | QPSK   | 4.533 | 5.027 | PASS |
|  |    |       |    | #0 | 16QAM  | 4.499 | 4.985 | PASS |
|  |    |       |    | #0 | 64QAM  | 4.516 | 4.964 | PASS |
|  |    |       |    | #0 | 256QAM | 4.525 | 5.063 | PASS |
|  |    | 20625 |    | #0 | QPSK   | 4.509 | 5.060 | PASS |
|  |    |       |    | #0 | 16QAM  | 4.504 | 5.000 | PASS |
|  |    |       |    | #0 | 64QAM  | 4.515 | 5.040 | PASS |
|  |    |       |    | #0 | 256QAM | 4.490 | 5.025 | PASS |
|  | 10 | 20450 | 50 | #0 | QPSK   | 8.954 | 9.933 | PASS |
|  |    |       |    | #0 | 16QAM  | 8.999 | 9.799 | PASS |
|  |    |       |    | #0 | 64QAM  | 8.975 | 9.811 | PASS |
|  |    |       |    | #0 | 256QAM | 8.950 | 9.903 | PASS |
|  |    | 20525 |    | #0 | QPSK   | 8.988 | 9.873 | PASS |
|  |    |       |    | #0 | 16QAM  | 8.989 | 9.840 | PASS |
|  |    |       |    | #0 | 64QAM  | 8.978 | 9.593 | PASS |
|  |    |       |    | #0 | 256QAM | 8.965 | 9.779 | PASS |
|  |    | 20600 |    | #0 | QPSK   | 8.936 | 9.741 | PASS |
|  |    |       |    | #0 | 16QAM  | 8.957 | 9.801 | PASS |
|  |    |       |    | #0 | 64QAM  | 8.942 | 9.733 | PASS |
|  |    |       |    | #0 | 256QAM | 8.954 | 9.652 | PASS |

|       |    |       |    |    |        |       |       |      |
|-------|----|-------|----|----|--------|-------|-------|------|
| Band7 | 5  | 20775 | 25 | #0 | QPSK   | 4.516 | 4.986 | PASS |
|       |    |       |    | #0 | 16QAM  | 4.519 | 5.039 | PASS |
|       |    |       |    | #0 | 64QAM  | 4.503 | 4.984 | PASS |
|       |    |       |    | #0 | 256QAM | 4.491 | 5.079 | PASS |
|       |    | 21100 |    | #0 | QPSK   | 4.499 | 5.057 | PASS |
|       |    |       |    | #0 | 16QAM  | 4.535 | 5.053 | PASS |
|       |    |       |    | #0 | 64QAM  | 4.506 | 5.102 | PASS |
|       |    |       |    | #0 | 256QAM | 4.519 | 5.149 | PASS |
|       |    | 21425 |    | #0 | QPSK   | 4.536 | 4.970 | PASS |
|       |    |       |    | #0 | 16QAM  | 4.521 | 4.913 | PASS |
|       |    |       |    | #0 | 64QAM  | 4.514 | 5.073 | PASS |
|       |    |       |    | #0 | 256QAM | 4.527 | 5.005 | PASS |
|       | 10 | 20800 | 50 | #0 | QPSK   | 8.963 | 9.920 | PASS |
|       |    |       |    | #0 | 16QAM  | 8.964 | 9.692 | PASS |
|       |    |       |    | #0 | 64QAM  | 9.002 | 9.813 | PASS |
|       |    |       |    | #0 | 256QAM | 8.956 | 9.729 | PASS |
|       |    | 21100 |    | #0 | QPSK   | 8.990 | 9.858 | PASS |
|       |    |       |    | #0 | 16QAM  | 9.012 | 9.822 | PASS |
|       |    |       |    | #0 | 64QAM  | 8.970 | 9.923 | PASS |
|       |    |       |    | #0 | 256QAM | 8.997 | 9.966 | PASS |
|       |    | 21400 |    | #0 | QPSK   | 8.985 | 9.962 | PASS |
|       |    |       |    | #0 | 16QAM  | 9.020 | 9.895 | PASS |
|       |    |       |    | #0 | 64QAM  | 8.958 | 9.810 | PASS |
|       |    |       |    | #0 | 256QAM | 9.003 | 9.977 | PASS |

|        |     |       |     |        |        |        |        |      |
|--------|-----|-------|-----|--------|--------|--------|--------|------|
| Band12 | 15  | 20825 | 75  | #0     | QPSK   | 13.453 | 14.564 | PASS |
|        |     |       |     | #0     | 16QAM  | 13.471 | 14.612 | PASS |
|        |     |       |     | #0     | 64QAM  | 13.475 | 14.585 | PASS |
|        |     |       |     | #0     | 256QAM | 13.478 | 14.669 | PASS |
|        |     | #0    |     | QPSK   | 13.474 | 14.674 | PASS   |      |
|        |     | #0    |     | 16QAM  | 13.431 | 14.628 | PASS   |      |
|        |     | #0    |     | 64QAM  | 13.469 | 14.700 | PASS   |      |
|        |     | #0    |     | 256QAM | 13.454 | 14.616 | PASS   |      |
|        |     | #0    |     | QPSK   | 13.460 | 14.809 | PASS   |      |
|        |     | #0    |     | 16QAM  | 13.483 | 14.843 | PASS   |      |
|        |     | #0    |     | 64QAM  | 13.486 | 14.869 | PASS   |      |
|        |     | #0    |     | 256QAM | 13.474 | 14.725 | PASS   |      |
|        | 20  | 20850 | 100 | #0     | QPSK   | 17.925 | 19.550 | PASS |
|        |     |       |     | #0     | 16QAM  | 17.949 | 19.354 | PASS |
|        |     |       |     | #0     | 64QAM  | 17.900 | 19.364 | PASS |
|        |     |       |     | #0     | 256QAM | 17.899 | 19.255 | PASS |
|        |     | #0    |     | QPSK   | 17.964 | 19.547 | PASS   |      |
|        |     | #0    |     | 16QAM  | 17.977 | 19.524 | PASS   |      |
|        |     | #0    |     | 64QAM  | 17.968 | 19.481 | PASS   |      |
|        |     | #0    |     | 256QAM | 17.980 | 19.511 | PASS   |      |
|        |     | #0    |     | QPSK   | 17.970 | 19.671 | PASS   |      |
|        |     | #0    |     | 16QAM  | 17.973 | 19.321 | PASS   |      |
|        |     | #0    |     | 64QAM  | 17.970 | 19.556 | PASS   |      |
|        |     | #0    |     | 256QAM | 17.956 | 19.482 | PASS   |      |
| Band12 | 1.4 | 23017 | 6   | #0     | QPSK   | 1.097  | 1.406  | PASS |
|        |     |       |     | #0     | 16QAM  | 1.108  | 1.362  | PASS |
|        |     |       |     | #0     | 64QAM  | 1.109  | 1.370  | PASS |
|        |     |       |     | #0     | 256QAM | 1.103  | 1.339  | PASS |
|        |     | #0    |     | QPSK   | 1.102  | 1.319  | PASS   |      |
|        |     | #0    |     | 16QAM  | 1.101  | 1.335  | PASS   |      |
|        |     | #0    |     | 64QAM  | 1.106  | 1.357  | PASS   |      |
|        |     | #0    |     | 256QAM | 1.107  | 1.342  | PASS   |      |
|        |     | #0    |     | QPSK   | 1.107  | 1.332  | PASS   |      |
|        |     | #0    |     | 16QAM  | 1.115  | 1.432  | PASS   |      |
|        |     | #0    |     | 64QAM  | 1.092  | 1.311  | PASS   |      |
|        |     | #0    |     | 256QAM | 1.100  | 1.339  | PASS   |      |
|        | 3   | 23025 | 15  | #0     | QPSK   | 2.703  | 3.012  | PASS |
|        |     |       |     | #0     | 16QAM  | 2.715  | 2.983  | PASS |
|        |     |       |     | #0     | 64QAM  | 2.694  | 3.037  | PASS |
|        |     |       |     | #0     | 256QAM | 2.708  | 2.992  | PASS |
|        |     | #0    |     | QPSK   | 2.697  | 3.017  | PASS   |      |
|        |     | #0    |     | 16QAM  | 2.701  | 3.067  | PASS   |      |
|        |     | #0    |     | 64QAM  | 2.726  | 3.045  | PASS   |      |
|        |     | #0    |     | 256QAM | 2.707  | 3.026  | PASS   |      |

|  |       |       |       |    |        |        |        |       |      |
|--|-------|-------|-------|----|--------|--------|--------|-------|------|
|  |       | 23165 |       | #0 | QPSK   | 2.715  | 3.060  | PASS  |      |
|  |       |       |       | #0 | 16QAM  | 2.715  | 3.041  | PASS  |      |
|  |       |       |       | #0 | 64QAM  | 2.703  | 2.994  | PASS  |      |
|  |       |       |       | #0 | 256QAM | 2.707  | 3.052  | PASS  |      |
|  |       | 5     | 23035 | 25 | #0     | QPSK   | 4.519  | 5.044 | PASS |
|  |       |       |       |    | #0     | 16QAM  | 4.514  | 5.116 | PASS |
|  |       |       |       |    | #0     | 64QAM  | 4.490  | 5.023 | PASS |
|  |       |       |       |    | #0     | 256QAM | 4.492  | 5.029 | PASS |
|  | 23095 |       | #0    |    | QPSK   | 4.507  | 5.043  | PASS  |      |
|  |       |       | #0    |    | 16QAM  | 4.508  | 5.077  | PASS  |      |
|  |       |       | #0    |    | 64QAM  | 4.510  | 5.145  | PASS  |      |
|  |       |       | #0    |    | 256QAM | 4.507  | 4.929  | PASS  |      |
|  | 23155 |       | #0    |    | QPSK   | 4.504  | 4.988  | PASS  |      |
|  |       |       | #0    |    | 16QAM  | 4.489  | 5.012  | PASS  |      |
|  |       |       | #0    |    | 64QAM  | 4.502  | 5.032  | PASS  |      |
|  |       |       | #0    |    | 256QAM | 4.494  | 5.047  | PASS  |      |
|  | 10    | 23060 | 50    | #0 | QPSK   | 8.966  | 9.904  | PASS  |      |
|  |       |       |       | #0 | 16QAM  | 8.961  | 9.677  | PASS  |      |
|  |       |       |       | #0 | 64QAM  | 8.962  | 9.732  | PASS  |      |
|  |       |       |       | #0 | 256QAM | 8.926  | 9.711  | PASS  |      |
|  |       | 23095 |       | #0 | QPSK   | 8.979  | 9.866  | PASS  |      |
|  |       |       |       | #0 | 16QAM  | 8.964  | 10.047 | PASS  |      |
|  |       |       |       | #0 | 64QAM  | 8.962  | 9.738  | PASS  |      |
|  |       |       |       | #0 | 256QAM | 8.989  | 9.731  | PASS  |      |
|  |       | 23130 |       | #0 | QPSK   | 8.980  | 9.817  | PASS  |      |
|  |       |       |       | #0 | 16QAM  | 9.008  | 9.993  | PASS  |      |
|  |       |       |       | #0 | 64QAM  | 8.996  | 9.774  | PASS  |      |
|  |       |       |       | #0 | 256QAM | 8.962  | 9.714  | PASS  |      |

|        |    |       |    |    |        |       |       |      |
|--------|----|-------|----|----|--------|-------|-------|------|
| Band13 | 5  | 23205 | 25 | #0 | QPSK   | 4.519 | 5.029 | PASS |
|        |    |       |    | #0 | 16QAM  | 4.491 | 5.046 | PASS |
|        |    |       |    | #0 | 64QAM  | 4.493 | 4.902 | PASS |
|        |    |       |    | #0 | 256QAM | 4.480 | 4.970 | PASS |
|        |    | 23230 |    | #0 | QPSK   | 4.531 | 5.096 | PASS |
|        |    |       |    | #0 | 16QAM  | 4.502 | 5.064 | PASS |
|        |    |       |    | #0 | 64QAM  | 4.505 | 5.005 | PASS |
|        |    |       |    | #0 | 256QAM | 4.521 | 5.019 | PASS |
|        |    | 23255 |    | #0 | QPSK   | 4.508 | 5.129 | PASS |
|        |    |       |    | #0 | 16QAM  | 4.499 | 5.026 | PASS |
|        |    |       |    | #0 | 64QAM  | 4.549 | 4.943 | PASS |
|        |    |       |    | #0 | 256QAM | 4.514 | 5.016 | PASS |
|        | 10 | 23230 | 50 | #0 | QPSK   | 9.002 | 9.761 | PASS |
|        |    |       |    | #0 | 16QAM  | 8.955 | 9.837 | PASS |
|        |    |       |    | #0 | 64QAM  | 8.948 | 9.690 | PASS |
|        |    |       |    | #0 | 256QAM | 8.981 | 9.774 | PASS |

|                 |     |       |    |    |        |       |        |      |
|-----------------|-----|-------|----|----|--------|-------|--------|------|
| Band17          | 5   | 23755 | 25 | #0 | QPSK   | 4.505 | 5.125  | PASS |
|                 |     |       |    | #0 | 16QAM  | 4.507 | 5.042  | PASS |
|                 |     |       |    | #0 | 64QAM  | 4.500 | 4.977  | PASS |
|                 |     |       |    | #0 | 256QAM | 4.516 | 4.985  | PASS |
|                 |     | 23790 |    | #0 | QPSK   | 4.502 | 5.011  | PASS |
|                 |     |       |    | #0 | 16QAM  | 4.501 | 5.028  | PASS |
|                 |     |       |    | #0 | 64QAM  | 4.537 | 5.091  | PASS |
|                 |     |       |    | #0 | 256QAM | 4.511 | 5.064  | PASS |
|                 |     | 23825 |    | #0 | QPSK   | 4.505 | 4.977  | PASS |
|                 |     |       |    | #0 | 16QAM  | 4.517 | 5.085  | PASS |
|                 |     |       |    | #0 | 64QAM  | 4.494 | 4.984  | PASS |
|                 |     |       |    | #0 | 256QAM | 4.491 | 5.078  | PASS |
|                 | 10  | 23780 | 50 | #0 | QPSK   | 8.981 | 9.722  | PASS |
|                 |     |       |    | #0 | 16QAM  | 8.980 | 9.929  | PASS |
|                 |     |       |    | #0 | 64QAM  | 8.978 | 9.726  | PASS |
|                 |     |       |    | #0 | 256QAM | 8.990 | 10.016 | PASS |
|                 |     | 23790 |    | #0 | QPSK   | 8.989 | 10.005 | PASS |
|                 |     |       |    | #0 | 16QAM  | 8.971 | 9.988  | PASS |
|                 |     |       |    | #0 | 64QAM  | 9.001 | 9.822  | PASS |
|                 |     |       |    | #0 | 256QAM | 8.991 | 9.810  | PASS |
|                 |     | 23800 |    | #0 | QPSK   | 8.997 | 9.929  | PASS |
|                 |     |       |    | #0 | 16QAM  | 8.988 | 9.800  | PASS |
|                 |     |       |    | #0 | 64QAM  | 8.997 | 9.986  | PASS |
|                 |     |       |    | #0 | 256QAM | 8.995 | 9.689  | PASS |
| Band26(824-849) | 1.4 | 26797 | 6  | #0 | QPSK   | 1.099 | 1.331  | PASS |
|                 |     |       |    | #0 | 16QAM  | 1.102 | 1.349  | PASS |
|                 |     |       |    | #0 | 64QAM  | 1.103 | 1.357  | PASS |
|                 |     |       |    | #0 | 256QAM | 1.098 | 1.304  | PASS |
|                 |     | 26915 |    | #0 | QPSK   | 1.101 | 1.332  | PASS |
|                 |     |       |    | #0 | 16QAM  | 1.105 | 1.339  | PASS |
|                 |     |       |    | #0 | 64QAM  | 1.096 | 1.326  | PASS |
|                 |     |       |    | #0 | 256QAM | 1.102 | 1.332  | PASS |
|                 |     | 27033 |    | #0 | QPSK   | 1.104 | 1.359  | PASS |
|                 |     |       |    | #0 | 16QAM  | 1.110 | 1.326  | PASS |
|                 |     |       |    | #0 | 64QAM  | 1.099 | 1.376  | PASS |
|                 |     |       |    | #0 | 256QAM | 1.103 | 1.320  | PASS |
|                 | 3   | 26805 | 15 | #0 | QPSK   | 2.705 | 3.040  | PASS |
|                 |     |       |    | #0 | 16QAM  | 2.711 | 3.038  | PASS |
|                 |     |       |    | #0 | 64QAM  | 2.701 | 3.030  | PASS |
|                 |     |       |    | #0 | 256QAM | 2.703 | 2.990  | PASS |
|                 |     | 26915 |    | #0 | QPSK   | 2.708 | 3.033  | PASS |
|                 |     |       |    | #0 | 16QAM  | 2.713 | 3.023  | PASS |
|                 |     |       |    | #0 | 64QAM  | 2.711 | 3.034  | PASS |
|                 |     |       |    | #0 | 256QAM | 2.702 | 3.021  | PASS |

|                 |     |       |    |    |        |        |        |      |
|-----------------|-----|-------|----|----|--------|--------|--------|------|
|                 |     | 27025 |    | #0 | QPSK   | 2.707  | 2.968  | PASS |
|                 |     |       |    | #0 | 16QAM  | 2.711  | 2.977  | PASS |
|                 |     |       |    | #0 | 64QAM  | 2.716  | 3.005  | PASS |
|                 |     |       |    | #0 | 256QAM | 2.710  | 3.068  | PASS |
|                 | 5   | 26815 | 25 | #0 | QPSK   | 4.513  | 5.039  | PASS |
|                 |     |       |    | #0 | 16QAM  | 4.505  | 5.042  | PASS |
|                 |     |       |    | #0 | 64QAM  | 4.511  | 5.077  | PASS |
|                 |     |       |    | #0 | 256QAM | 4.501  | 5.010  | PASS |
|                 |     | 26915 |    | #0 | QPSK   | 4.512  | 5.118  | PASS |
|                 |     |       |    | #0 | 16QAM  | 4.505  | 5.048  | PASS |
|                 |     |       |    | #0 | 64QAM  | 4.494  | 5.015  | PASS |
|                 |     |       |    | #0 | 256QAM | 4.524  | 5.051  | PASS |
|                 |     | 27015 |    | #0 | QPSK   | 4.521  | 4.974  | PASS |
|                 |     |       |    | #0 | 16QAM  | 4.504  | 5.059  | PASS |
|                 |     |       |    | #0 | 64QAM  | 4.521  | 4.961  | PASS |
|                 |     |       |    | #0 | 256QAM | 4.491  | 4.999  | PASS |
|                 | 10  | 26840 | 50 | #0 | QPSK   | 8.955  | 9.796  | PASS |
|                 |     |       |    | #0 | 16QAM  | 8.971  | 10.106 | PASS |
|                 |     |       |    | #0 | 64QAM  | 8.955  | 9.817  | PASS |
|                 |     |       |    | #0 | 256QAM | 8.968  | 9.927  | PASS |
|                 |     | 26915 |    | #0 | QPSK   | 8.983  | 9.970  | PASS |
|                 |     |       |    | #0 | 16QAM  | 8.966  | 9.850  | PASS |
|                 |     |       |    | #0 | 64QAM  | 8.955  | 9.924  | PASS |
|                 |     |       |    | #0 | 256QAM | 8.996  | 10.035 | PASS |
|                 |     | 26990 |    | #0 | QPSK   | 8.980  | 9.823  | PASS |
|                 |     |       |    | #0 | 16QAM  | 8.969  | 9.740  | PASS |
|                 |     |       |    | #0 | 64QAM  | 8.945  | 9.784  | PASS |
|                 |     |       |    | #0 | 256QAM | 8.994  | 9.874  | PASS |
|                 | 15  | 26865 | 75 | #0 | QPSK   | 13.423 | 14.450 | PASS |
|                 |     |       |    | #0 | 16QAM  | 13.430 | 14.460 | PASS |
|                 |     |       |    | #0 | 64QAM  | 13.442 | 14.748 | PASS |
|                 |     |       |    | #0 | 256QAM | 13.417 | 14.722 | PASS |
|                 |     | 26915 |    | #0 | QPSK   | 13.469 | 14.723 | PASS |
|                 |     |       |    | #0 | 16QAM  | 13.445 | 14.718 | PASS |
|                 |     |       |    | #0 | 64QAM  | 13.459 | 14.614 | PASS |
|                 |     |       |    | #0 | 256QAM | 13.497 | 14.569 | PASS |
|                 |     | 26965 |    | #0 | QPSK   | 13.455 | 14.454 | PASS |
|                 |     |       |    | #0 | 16QAM  | 13.437 | 14.608 | PASS |
|                 |     |       |    | #0 | 64QAM  | 13.424 | 14.721 | PASS |
|                 |     |       |    | #0 | 256QAM | 13.386 | 14.522 | PASS |
| Band26(814-824) | 1.4 | 26697 | 6  | #0 | QPSK   | 1.103  | 1.316  | PASS |
|                 |     |       |    | #0 | 16QAM  | 1.111  | 1.333  | PASS |
|                 |     |       |    | #0 | 64QAM  | 1.103  | 1.306  | PASS |
|                 |     |       |    | #0 | 256QAM | 1.091  | 1.342  | PASS |

|        |    |       |    |    |        |       |       |      |
|--------|----|-------|----|----|--------|-------|-------|------|
|        |    | 26740 |    | #0 | QPSK   | 1.093 | 1.311 | PASS |
|        |    |       |    | #0 | 16QAM  | 1.112 | 1.313 | PASS |
|        |    |       |    | #0 | 64QAM  | 1.101 | 1.311 | PASS |
|        |    |       |    | #0 | 256QAM | 1.102 | 1.338 | PASS |
|        |    | 26783 |    | #0 | QPSK   | 1.109 | 1.337 | PASS |
|        |    |       |    | #0 | 16QAM  | 1.104 | 1.327 | PASS |
|        |    |       |    | #0 | 64QAM  | 1.103 | 1.343 | PASS |
|        |    |       |    | #0 | 256QAM | 1.099 | 1.336 | PASS |
|        | 3  | 26705 | 15 | #0 | QPSK   | 2.708 | 3.022 | PASS |
|        |    |       |    | #0 | 16QAM  | 2.707 | 3.081 | PASS |
|        |    |       |    | #0 | 64QAM  | 2.707 | 2.992 | PASS |
|        |    |       |    | #0 | 256QAM | 2.706 | 3.001 | PASS |
|        |    | 26740 |    | #0 | QPSK   | 2.701 | 3.038 | PASS |
|        |    |       |    | #0 | 16QAM  | 2.712 | 3.056 | PASS |
|        |    |       |    | #0 | 64QAM  | 2.711 | 3.053 | PASS |
|        |    |       |    | #0 | 256QAM | 2.709 | 3.020 | PASS |
|        |    | 26775 |    | #0 | QPSK   | 2.707 | 2.996 | PASS |
|        |    |       |    | #0 | 16QAM  | 2.716 | 2.981 | PASS |
|        |    |       |    | #0 | 64QAM  | 2.708 | 3.056 | PASS |
|        |    |       |    | #0 | 256QAM | 2.715 | 3.049 | PASS |
|        | 5  | 26715 | 25 | #0 | QPSK   | 4.499 | 5.046 | PASS |
|        |    |       |    | #0 | 16QAM  | 4.529 | 4.971 | PASS |
|        |    |       |    | #0 | 64QAM  | 4.516 | 5.099 | PASS |
|        |    |       |    | #0 | 256QAM | 4.502 | 5.050 | PASS |
|        |    | 26740 |    | #0 | QPSK   | 4.531 | 5.099 | PASS |
|        |    |       |    | #0 | 16QAM  | 4.508 | 5.095 | PASS |
|        |    |       |    | #0 | 64QAM  | 4.519 | 5.062 | PASS |
|        |    |       |    | #0 | 256QAM | 4.510 | 4.905 | PASS |
|        |    | 26765 |    | #0 | QPSK   | 4.519 | 5.097 | PASS |
|        |    |       |    | #0 | 16QAM  | 4.493 | 5.006 | PASS |
|        |    |       |    | #0 | 64QAM  | 4.511 | 4.988 | PASS |
|        |    |       |    | #0 | 256QAM | 4.528 | 5.066 | PASS |
|        | 10 | 26740 | 50 | #0 | QPSK   | 8.988 | 9.772 | PASS |
|        |    |       |    | #0 | 16QAM  | 8.975 | 9.835 | PASS |
|        |    |       |    | #0 | 64QAM  | 8.976 | 9.847 | PASS |
|        |    |       |    | #0 | 256QAM | 9.004 | 9.888 | PASS |
| Band38 | 5  | 37775 | 25 | #0 | QPSK   | 4.526 | 5.033 | PASS |
|        |    |       |    | #0 | 16QAM  | 4.492 | 4.863 | PASS |
|        |    |       |    | #0 | 64QAM  | 4.483 | 5.067 | PASS |
|        |    |       |    | #0 | 256QAM | 4.504 | 5.255 | PASS |
|        |    | 38000 |    | #0 | QPSK   | 4.511 | 5.067 | PASS |
|        |    |       |    | #0 | 16QAM  | 4.494 | 5.044 | PASS |
|        |    |       |    | #0 | 64QAM  | 4.502 | 5.005 | PASS |
|        |    |       |    | #0 | 256QAM | 4.495 | 4.894 | PASS |

|        |    |       |     |    |        |        |        |      |
|--------|----|-------|-----|----|--------|--------|--------|------|
|        |    | 38225 |     | #0 | QPSK   | 4.512  | 5.003  | PASS |
|        |    |       |     | #0 | 16QAM  | 4.479  | 5.034  | PASS |
|        |    |       |     | #0 | 64QAM  | 4.505  | 5.084  | PASS |
|        |    |       |     | #0 | 256QAM | 4.482  | 4.970  | PASS |
|        | 10 | 37800 | 50  | #0 | QPSK   | 8.972  | 9.903  | PASS |
|        |    |       |     | #0 | 16QAM  | 8.994  | 9.767  | PASS |
|        |    |       |     | #0 | 64QAM  | 9.015  | 9.754  | PASS |
|        |    |       |     | #0 | 256QAM | 8.955  | 9.771  | PASS |
|        |    | 38000 |     | #0 | QPSK   | 8.994  | 9.901  | PASS |
|        |    |       |     | #0 | 16QAM  | 8.978  | 9.545  | PASS |
|        |    |       |     | #0 | 64QAM  | 9.005  | 9.738  | PASS |
|        |    |       |     | #0 | 256QAM | 8.988  | 9.676  | PASS |
|        |    | 38200 |     | #0 | QPSK   | 8.996  | 9.918  | PASS |
|        |    |       |     | #0 | 16QAM  | 9.028  | 9.790  | PASS |
|        |    |       |     | #0 | 64QAM  | 8.972  | 9.892  | PASS |
|        |    |       |     | #0 | 256QAM | 9.021  | 9.685  | PASS |
|        | 15 | 37825 | 75  | #0 | QPSK   | 13.453 | 14.591 | PASS |
|        |    |       |     | #0 | 16QAM  | 13.440 | 14.535 | PASS |
|        |    |       |     | #0 | 64QAM  | 13.449 | 14.638 | PASS |
|        |    |       |     | #0 | 256QAM | 13.478 | 14.460 | PASS |
|        |    | 38000 |     | #0 | QPSK   | 13.474 | 14.778 | PASS |
|        |    |       |     | #0 | 16QAM  | 13.497 | 14.801 | PASS |
|        |    |       |     | #0 | 64QAM  | 13.419 | 14.508 | PASS |
|        |    |       |     | #0 | 256QAM | 13.502 | 14.591 | PASS |
|        |    | 38175 |     | #0 | QPSK   | 13.452 | 14.567 | PASS |
|        |    |       |     | #0 | 16QAM  | 13.418 | 14.438 | PASS |
|        |    |       |     | #0 | 64QAM  | 13.441 | 14.522 | PASS |
|        |    |       |     | #0 | 256QAM | 13.487 | 14.753 | PASS |
|        | 20 | 37850 | 100 | #0 | QPSK   | 17.895 | 19.148 | PASS |
|        |    |       |     | #0 | 16QAM  | 17.953 | 19.136 | PASS |
|        |    |       |     | #0 | 64QAM  | 17.970 | 19.567 | PASS |
|        |    |       |     | #0 | 256QAM | 17.943 | 19.355 | PASS |
|        |    | 38000 |     | #0 | QPSK   | 17.930 | 19.315 | PASS |
|        |    |       |     | #0 | 16QAM  | 17.938 | 19.415 | PASS |
|        |    |       |     | #0 | 64QAM  | 17.913 | 19.468 | PASS |
|        |    |       |     | #0 | 256QAM | 17.914 | 19.129 | PASS |
|        |    | 38150 |     | #0 | QPSK   | 18.010 | 19.234 | PASS |
|        |    |       |     | #0 | 16QAM  | 17.920 | 19.163 | PASS |
|        |    |       |     | #0 | 64QAM  | 17.961 | 19.318 | PASS |
|        |    |       |     | #0 | 256QAM | 17.882 | 19.214 | PASS |
| Band41 | 5  | 39675 | 25  | #0 | QPSK   | 4.487  | 4.985  | PASS |
|        |    |       |     | #0 | 16QAM  | 4.504  | 5.089  | PASS |
|        |    |       |     | #0 | 64QAM  | 4.475  | 4.960  | PASS |
|        |    |       |     | #0 | 256QAM | 4.524  | 5.068  | PASS |

|  |    |       |     |    |        |        |        |      |
|--|----|-------|-----|----|--------|--------|--------|------|
|  |    | 40620 |     | #0 | QPSK   | 4.496  | 5.101  | PASS |
|  |    |       |     | #0 | 16QAM  | 4.476  | 5.058  | PASS |
|  |    |       |     | #0 | 64QAM  | 4.486  | 5.067  | PASS |
|  |    |       |     | #0 | 256QAM | 4.508  | 5.050  | PASS |
|  |    | 41565 |     | #0 | QPSK   | 4.537  | 5.098  | PASS |
|  |    |       |     | #0 | 16QAM  | 4.517  | 4.831  | PASS |
|  |    |       |     | #0 | 64QAM  | 4.517  | 5.054  | PASS |
|  |    |       |     | #0 | 256QAM | 4.515  | 5.110  | PASS |
|  | 10 | 39700 | 50  | #0 | QPSK   | 8.959  | 9.754  | PASS |
|  |    |       |     | #0 | 16QAM  | 8.999  | 9.799  | PASS |
|  |    |       |     | #0 | 64QAM  | 8.964  | 9.952  | PASS |
|  |    |       |     | #0 | 256QAM | 8.987  | 9.843  | PASS |
|  |    | 40620 |     | #0 | QPSK   | 8.990  | 9.752  | PASS |
|  |    |       |     | #0 | 16QAM  | 8.969  | 9.809  | PASS |
|  |    |       |     | #0 | 64QAM  | 8.974  | 9.811  | PASS |
|  |    |       |     | #0 | 256QAM | 8.992  | 9.825  | PASS |
|  |    | 41540 |     | #0 | QPSK   | 8.971  | 9.540  | PASS |
|  |    |       |     | #0 | 16QAM  | 8.988  | 9.751  | PASS |
|  |    |       |     | #0 | 64QAM  | 8.961  | 9.752  | PASS |
|  |    |       |     | #0 | 256QAM | 8.960  | 9.974  | PASS |
|  | 15 | 39725 | 75  | #0 | QPSK   | 13.503 | 14.612 | PASS |
|  |    |       |     | #0 | 16QAM  | 13.490 | 14.597 | PASS |
|  |    |       |     | #0 | 64QAM  | 13.452 | 14.776 | PASS |
|  |    |       |     | #0 | 256QAM | 13.436 | 14.548 | PASS |
|  |    | 40620 |     | #0 | QPSK   | 13.480 | 14.606 | PASS |
|  |    |       |     | #0 | 16QAM  | 13.512 | 14.862 | PASS |
|  |    |       |     | #0 | 64QAM  | 13.480 | 14.752 | PASS |
|  |    |       |     | #0 | 256QAM | 13.492 | 14.476 | PASS |
|  |    | 41515 |     | #0 | QPSK   | 13.494 | 14.542 | PASS |
|  |    |       |     | #0 | 16QAM  | 13.474 | 15.050 | PASS |
|  |    |       |     | #0 | 64QAM  | 13.422 | 14.495 | PASS |
|  |    |       |     | #0 | 256QAM | 13.460 | 14.523 | PASS |
|  | 20 | 39750 | 100 | #0 | QPSK   | 17.940 | 19.577 | PASS |
|  |    |       |     | #0 | 16QAM  | 17.923 | 19.348 | PASS |
|  |    |       |     | #0 | 64QAM  | 17.952 | 19.267 | PASS |
|  |    |       |     | #0 | 256QAM | 17.960 | 19.329 | PASS |
|  |    | 40620 |     | #0 | QPSK   | 17.896 | 19.312 | PASS |
|  |    |       |     | #0 | 16QAM  | 17.913 | 19.541 | PASS |
|  |    |       |     | #0 | 64QAM  | 17.904 | 19.628 | PASS |
|  |    |       |     | #0 | 256QAM | 17.935 | 19.678 | PASS |
|  |    | 41490 |     | #0 | QPSK   | 17.930 | 19.101 | PASS |
|  |    |       |     | #0 | 16QAM  | 17.929 | 19.835 | PASS |
|  |    |       |     | #0 | 64QAM  | 17.978 | 19.462 | PASS |
|  |    |       |     | #0 | 256QAM | 17.951 | 19.161 | PASS |

|        |     |        |    |    |        |       |       |      |
|--------|-----|--------|----|----|--------|-------|-------|------|
| Band66 | 1.4 | 131979 | 6  | #0 | QPSK   | 1.105 | 1.324 | PASS |
|        |     |        |    | #0 | 16QAM  | 1.098 | 1.365 | PASS |
|        |     |        |    | #0 | 64QAM  | 1.098 | 1.351 | PASS |
|        |     |        |    | #0 | 256QAM | 1.096 | 1.344 | PASS |
|        |     | 132322 |    | #0 | QPSK   | 1.103 | 1.358 | PASS |
|        |     |        |    | #0 | 16QAM  | 1.103 | 1.359 | PASS |
|        |     |        |    | #0 | 64QAM  | 1.104 | 1.369 | PASS |
|        |     |        |    | #0 | 256QAM | 1.099 | 1.345 | PASS |
|        |     | 132665 |    | #0 | QPSK   | 1.091 | 1.328 | PASS |
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|        |     |        |    | #0 | 64QAM  | 1.090 | 1.330 | PASS |
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|        | 3   | 131987 | 15 | #0 | QPSK   | 2.708 | 3.020 | PASS |
|        |     |        |    | #0 | 16QAM  | 2.697 | 2.987 | PASS |
|        |     |        |    | #0 | 64QAM  | 2.707 | 2.986 | PASS |
|        |     |        |    | #0 | 256QAM | 2.700 | 3.036 | PASS |
|        |     | 132322 |    | #0 | QPSK   | 2.707 | 3.016 | PASS |
|        |     |        |    | #0 | 16QAM  | 2.717 | 3.047 | PASS |
|        |     |        |    | #0 | 64QAM  | 2.709 | 3.028 | PASS |
|        |     |        |    | #0 | 256QAM | 2.704 | 3.036 | PASS |
|        |     | 132657 |    | #0 | QPSK   | 2.702 | 2.985 | PASS |
|        |     |        |    | #0 | 16QAM  | 2.718 | 3.006 | PASS |
|        |     |        |    | #0 | 64QAM  | 2.712 | 2.999 | PASS |
|        |     |        |    | #0 | 256QAM | 2.712 | 3.008 | PASS |
|        | 5   | 131997 | 25 | #0 | QPSK   | 4.501 | 5.118 | PASS |
|        |     |        |    | #0 | 16QAM  | 4.523 | 5.068 | PASS |
|        |     |        |    | #0 | 64QAM  | 4.503 | 5.019 | PASS |
|        |     |        |    | #0 | 256QAM | 4.529 | 5.103 | PASS |
|        |     | 132322 |    | #0 | QPSK   | 4.510 | 5.078 | PASS |
|        |     |        |    | #0 | 16QAM  | 4.511 | 5.038 | PASS |
|        |     |        |    | #0 | 64QAM  | 4.509 | 5.077 | PASS |
|        |     |        |    | #0 | 256QAM | 4.525 | 5.068 | PASS |
|        |     | 132647 |    | #0 | QPSK   | 4.554 | 5.030 | PASS |
|        |     |        |    | #0 | 16QAM  | 4.514 | 5.018 | PASS |
|        |     |        |    | #0 | 64QAM  | 4.507 | 5.078 | PASS |
|        |     |        |    | #0 | 256QAM | 4.513 | 4.986 | PASS |
|        | 10  | 132022 | 50 | #0 | QPSK   | 9.042 | 9.872 | PASS |
|        |     |        |    | #0 | 16QAM  | 9.000 | 9.855 | PASS |
|        |     |        |    | #0 | 64QAM  | 8.986 | 9.727 | PASS |
|        |     |        |    | #0 | 256QAM | 8.983 | 9.877 | PASS |
|        |     | 132322 |    | #0 | QPSK   | 9.027 | 9.826 | PASS |
|        |     |        |    | #0 | 16QAM  | 8.976 | 9.907 | PASS |
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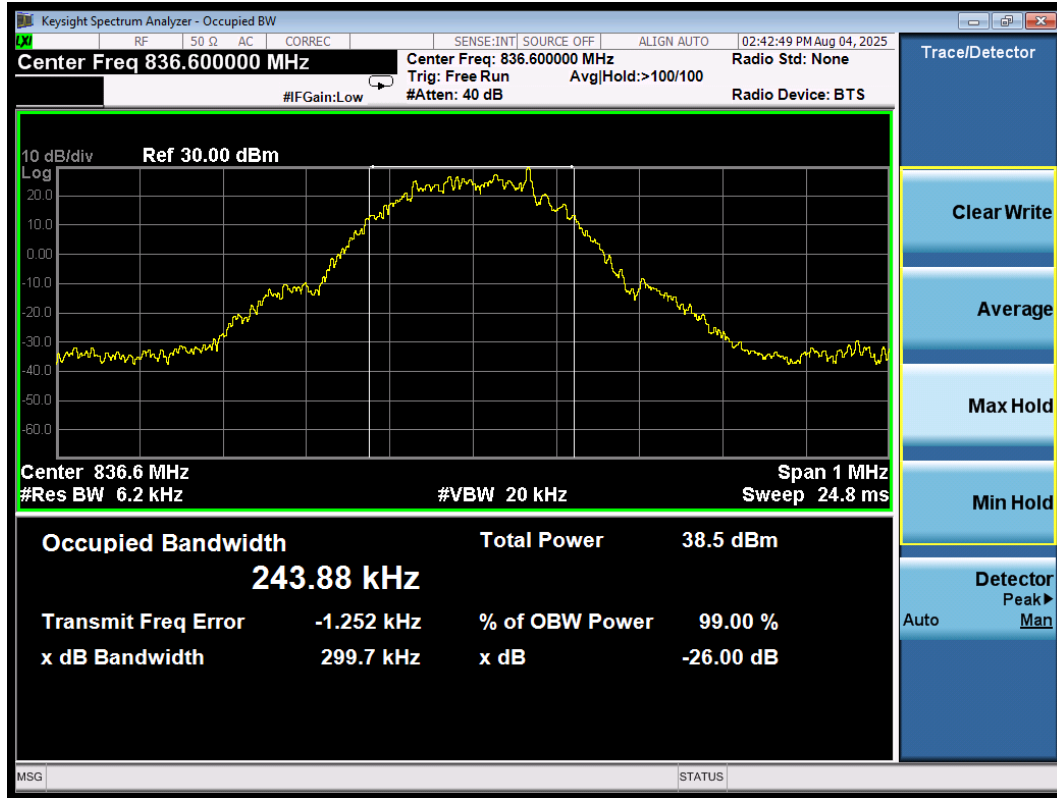
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|  |    | 132622 |     | #0 | QPSK   | 8.984  | 9.940  | PASS |  |
|  |    |        |     | #0 | 16QAM  | 9.006  | 9.794  | PASS |  |
|  |    |        |     | #0 | 64QAM  | 8.994  | 9.906  | PASS |  |
|  |    |        |     | #0 | 256QAM | 8.946  | 9.683  | PASS |  |
|  | 15 | 132047 | 75  | #0 | QPSK   | 13.458 | 14.490 | PASS |  |
|  |    |        |     | #0 | 16QAM  | 13.486 | 15.017 | PASS |  |
|  |    |        |     | #0 | 64QAM  | 13.462 | 14.505 | PASS |  |
|  |    |        |     | #0 | 256QAM | 13.479 | 14.534 | PASS |  |
|  |    | 132322 |     | #0 | QPSK   | 13.474 | 14.800 | PASS |  |
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|  |    |        |     | #0 | 256QAM | 13.514 | 14.680 | PASS |  |
|  |    | 132597 |     | #0 | QPSK   | 13.483 | 14.921 | PASS |  |
|  |    |        |     | #0 | 16QAM  | 13.444 | 14.624 | PASS |  |
|  |    |        |     | #0 | 64QAM  | 13.525 | 14.686 | PASS |  |
|  |    |        |     | #0 | 256QAM | 13.478 | 14.872 | PASS |  |
|  | 20 | 132072 | 100 | #0 | QPSK   | 17.985 | 19.782 | PASS |  |
|  |    |        |     | #0 | 16QAM  | 18.008 | 19.511 | PASS |  |
|  |    |        |     | #0 | 64QAM  | 17.925 | 19.136 | PASS |  |
|  |    |        |     | #0 | 256QAM | 17.974 | 19.506 | PASS |  |
|  |    | 132322 |     | #0 | QPSK   | 17.950 | 19.584 | PASS |  |
|  |    |        |     | #0 | 16QAM  | 17.950 | 19.778 | PASS |  |
|  |    |        |     | #0 | 64QAM  | 17.994 | 19.494 | PASS |  |
|  |    |        |     | #0 | 256QAM | 17.996 | 19.553 | PASS |  |
|  |    | 132572 |     | #0 | QPSK   | 17.978 | 19.742 | PASS |  |
|  |    |        |     | #0 | 16QAM  | 18.005 | 19.637 | PASS |  |
|  |    |        |     | #0 | 64QAM  | 17.972 | 19.580 | PASS |  |
|  |    |        |     | #0 | 256QAM | 17.976 | 19.232 | PASS |  |



OCB\GSM850\GSM\H



OCB\GSM850\GSM\L



OCB\GSM850\GSM\M



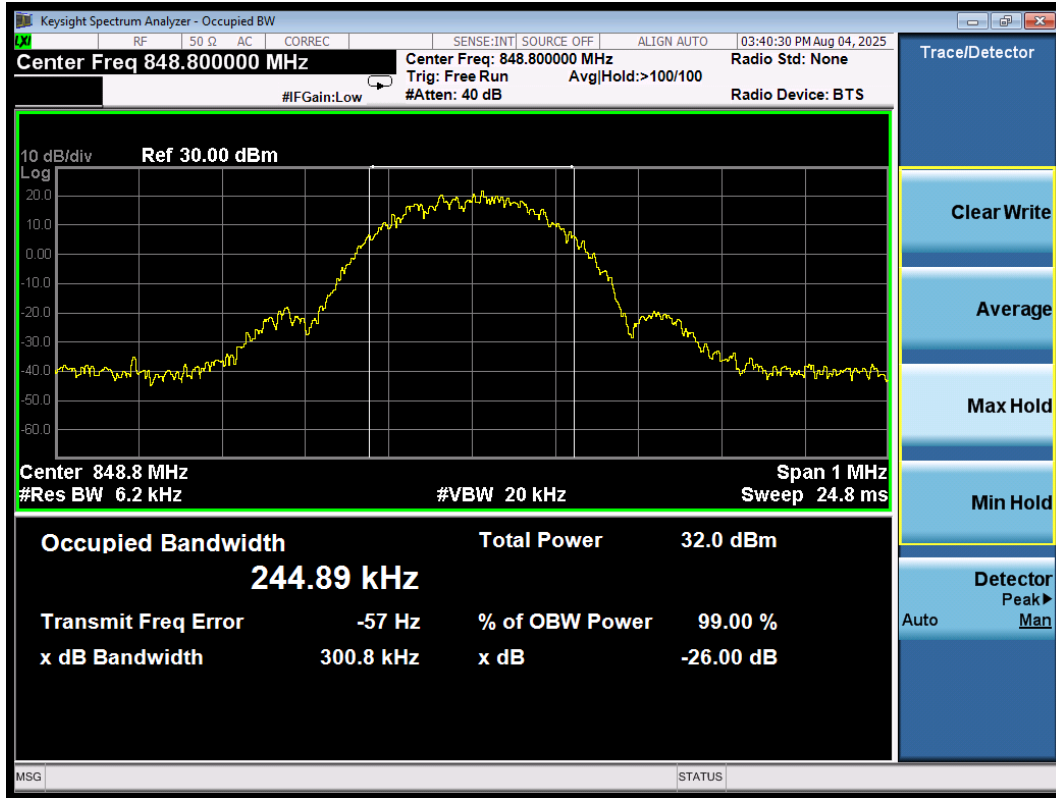
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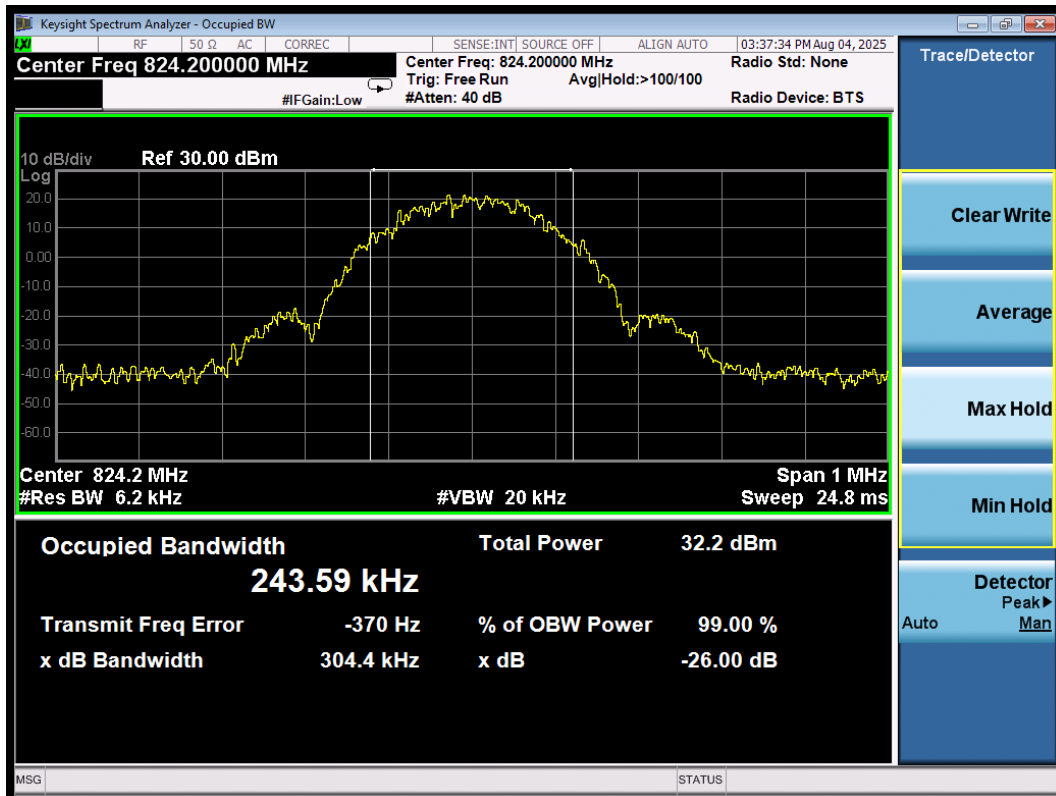
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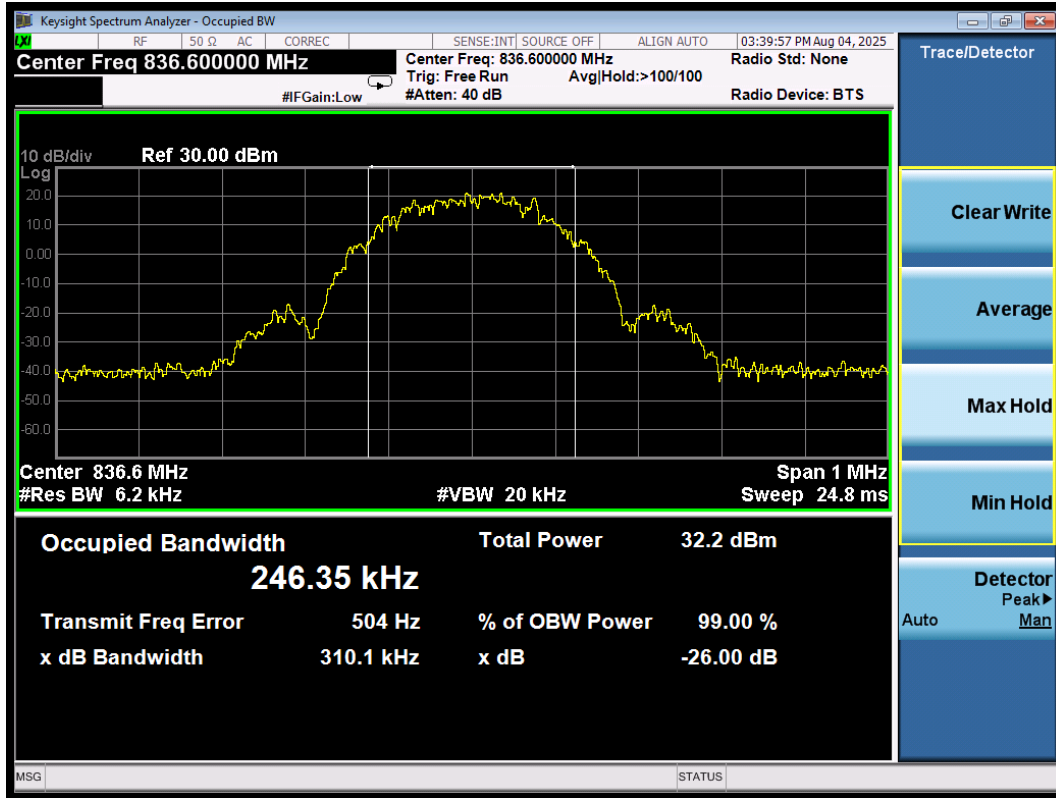
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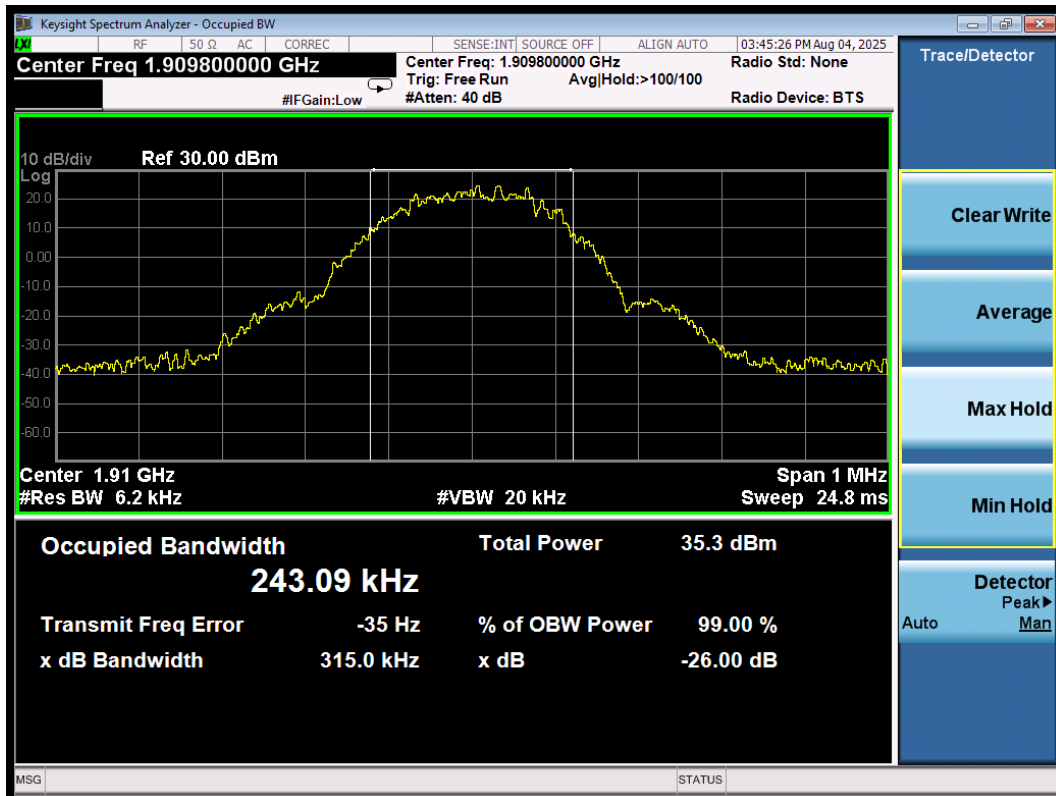
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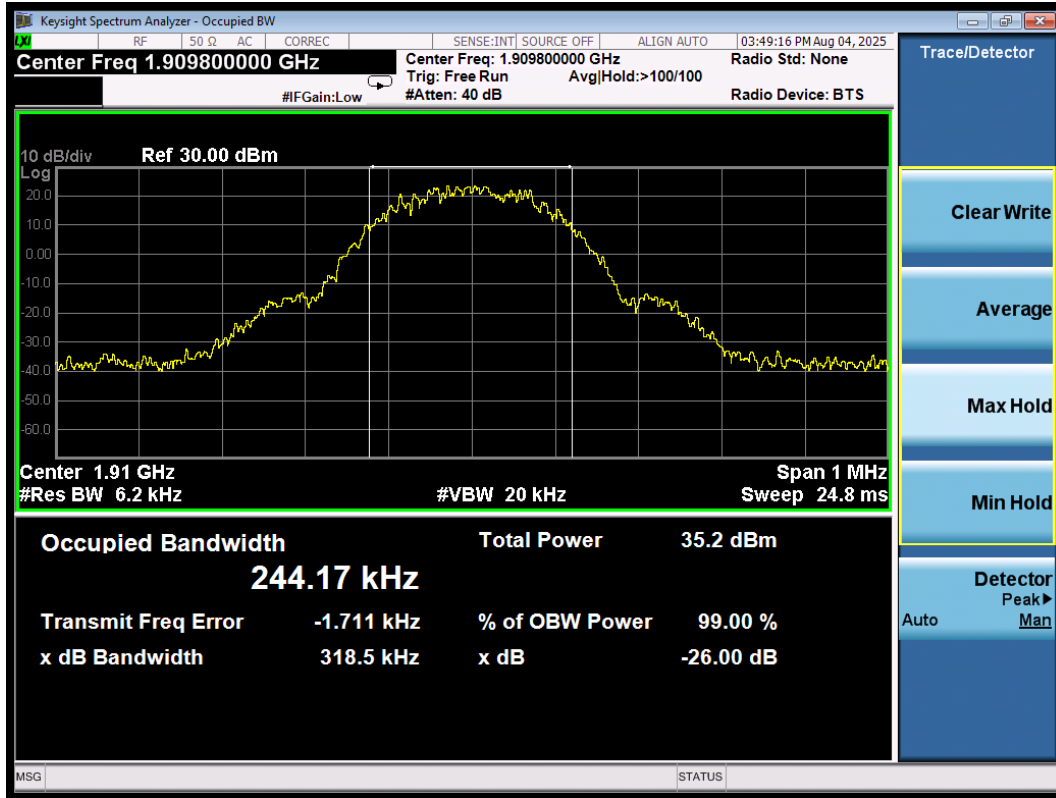
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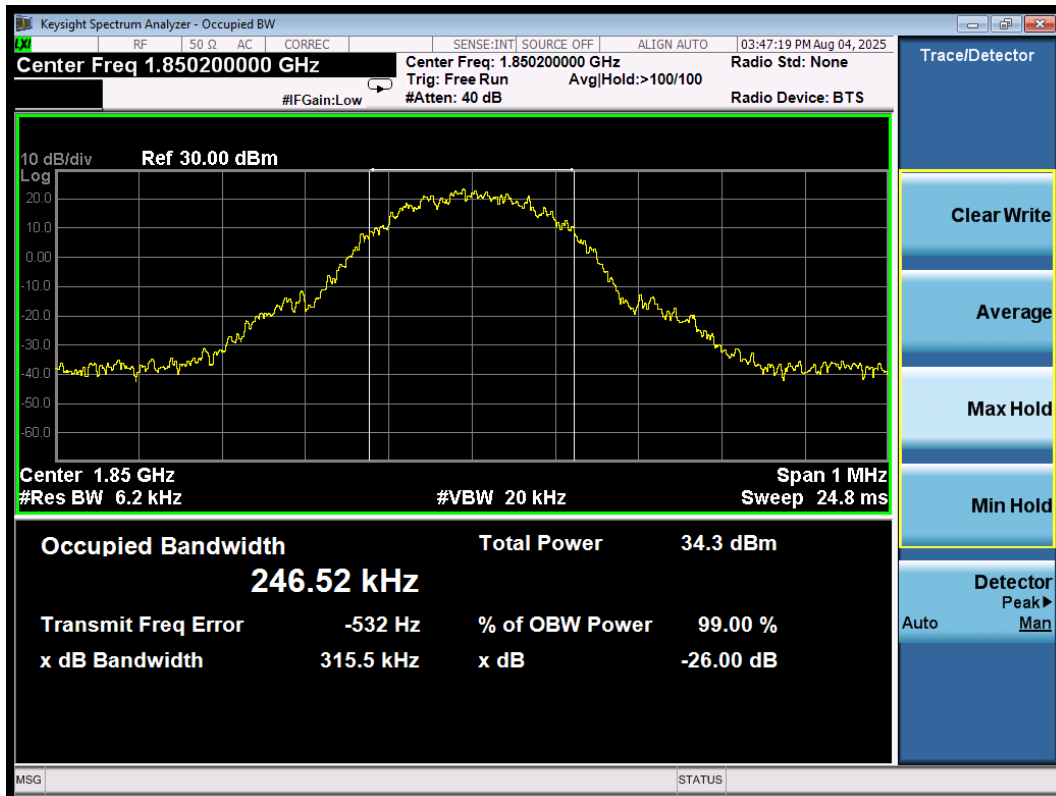
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OCB\GSM1900\GSM\MM



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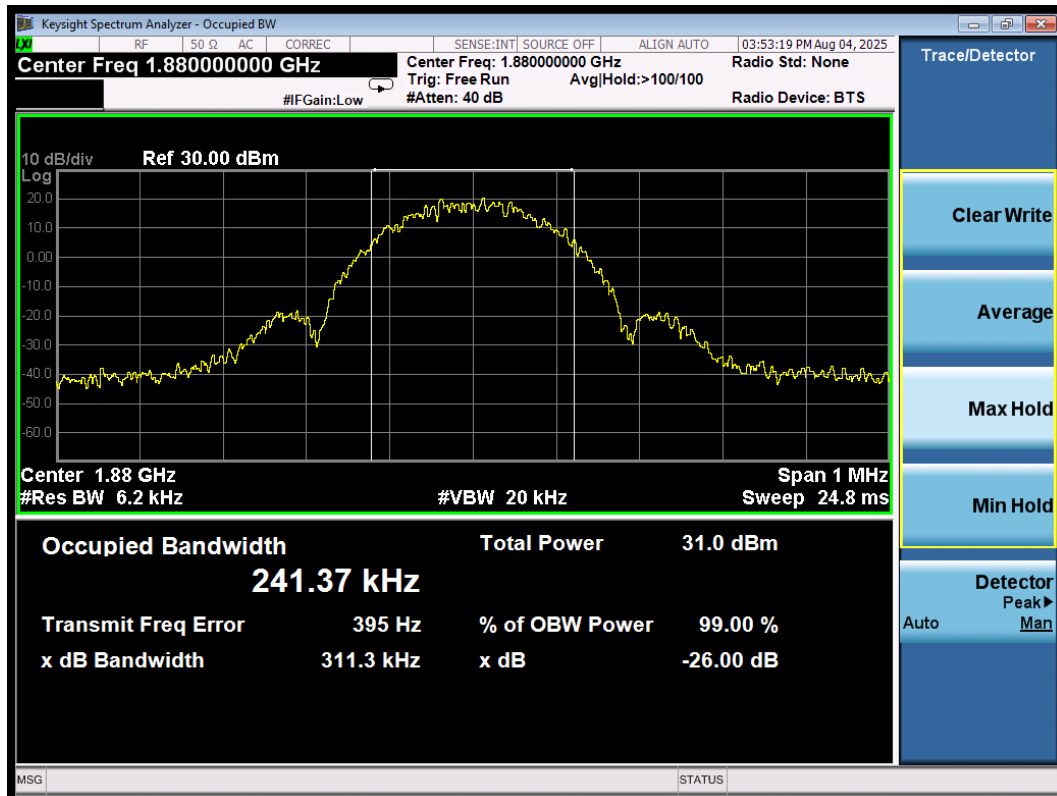
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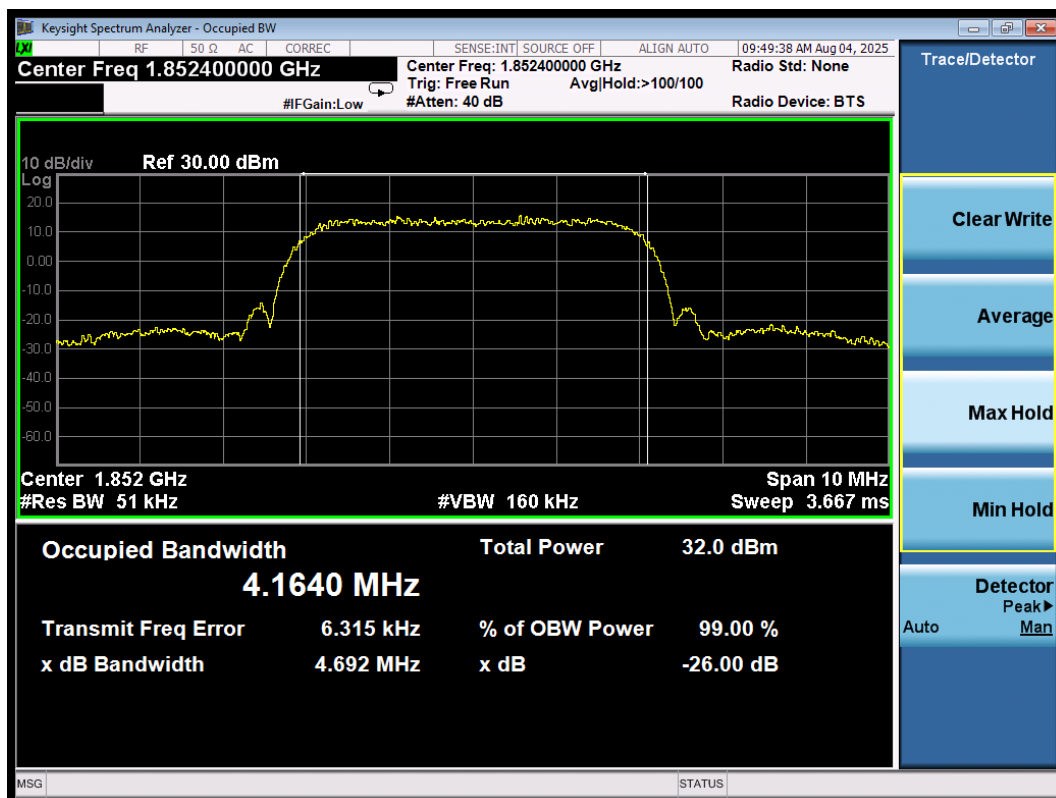
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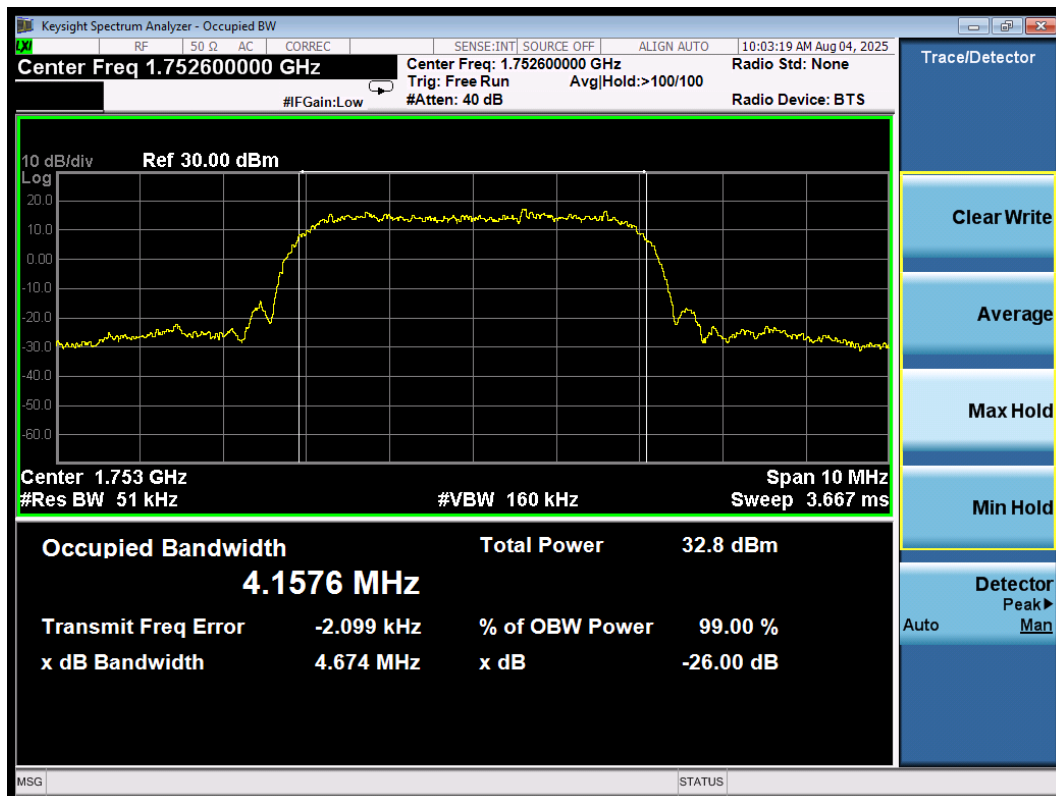
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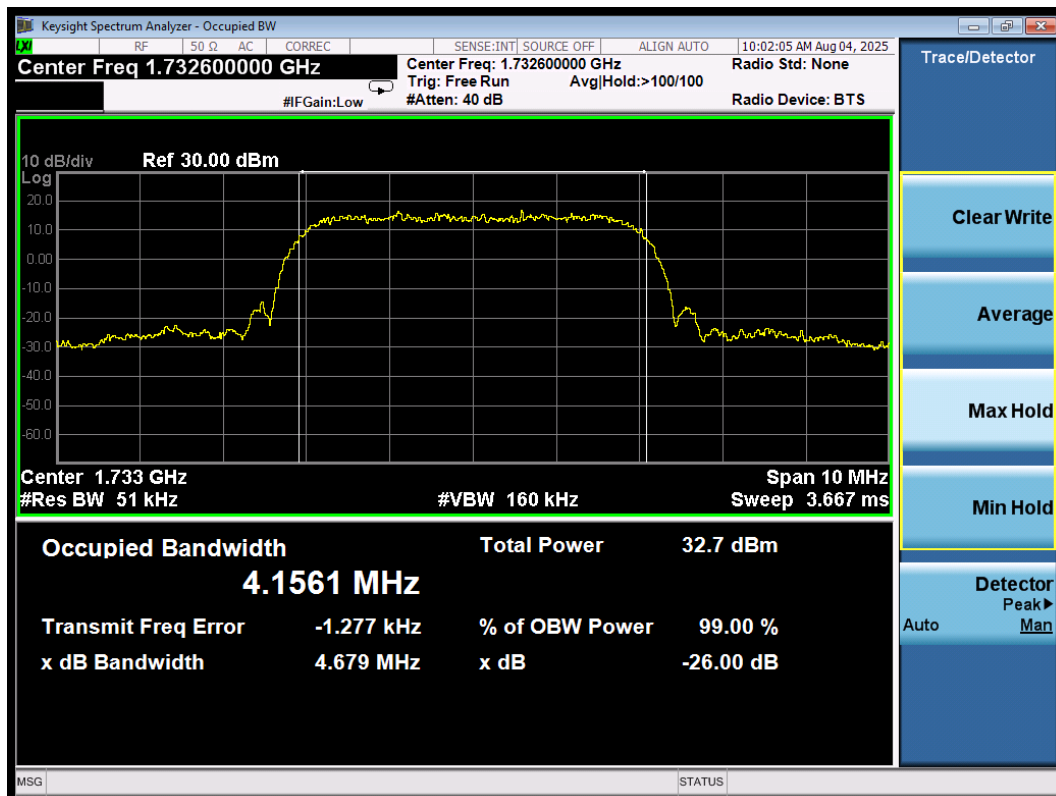
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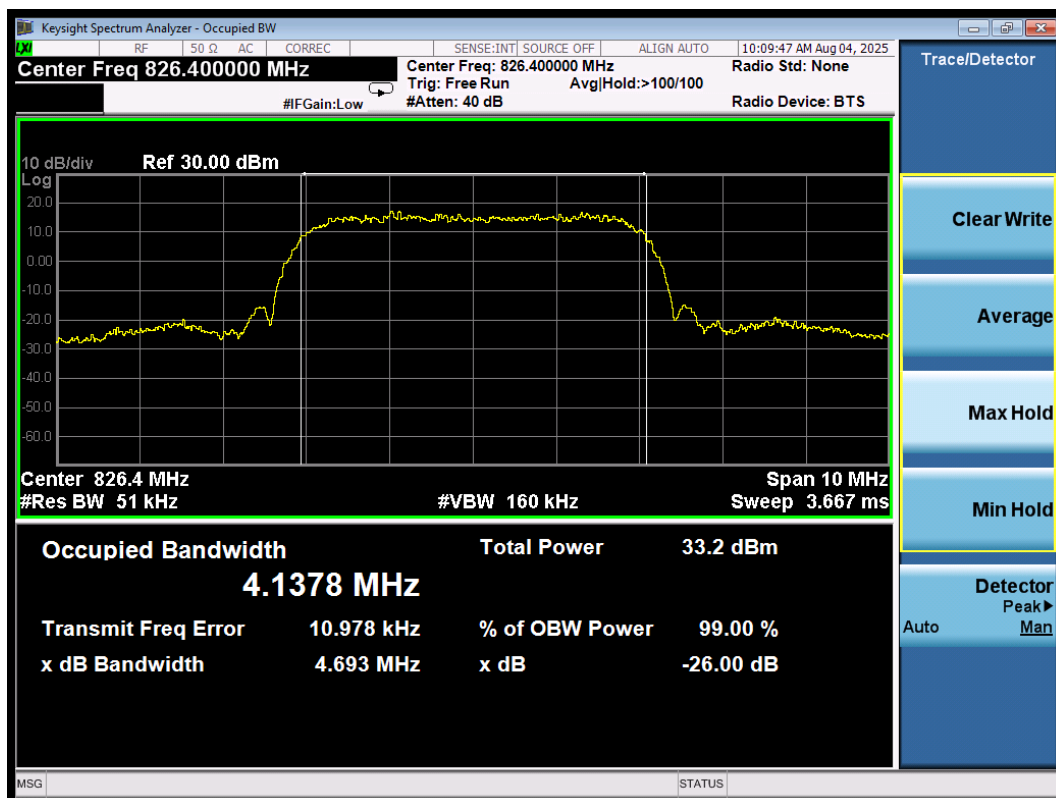
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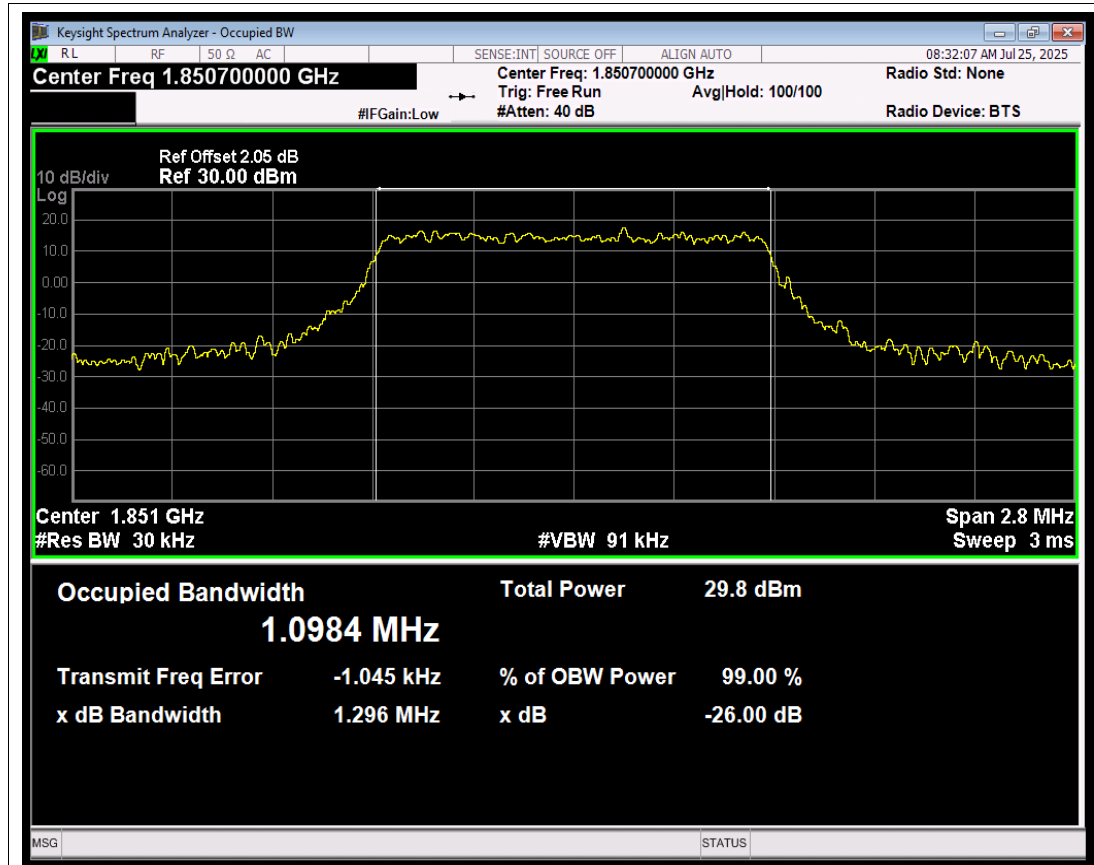
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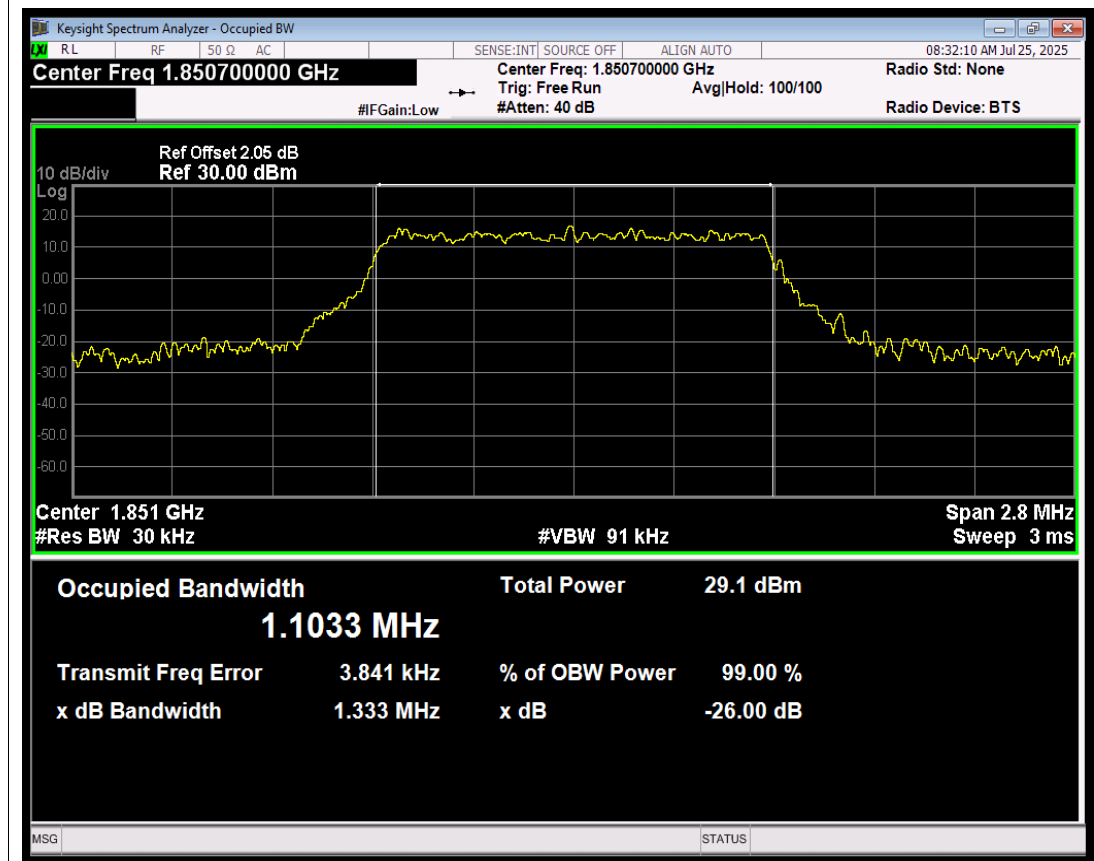
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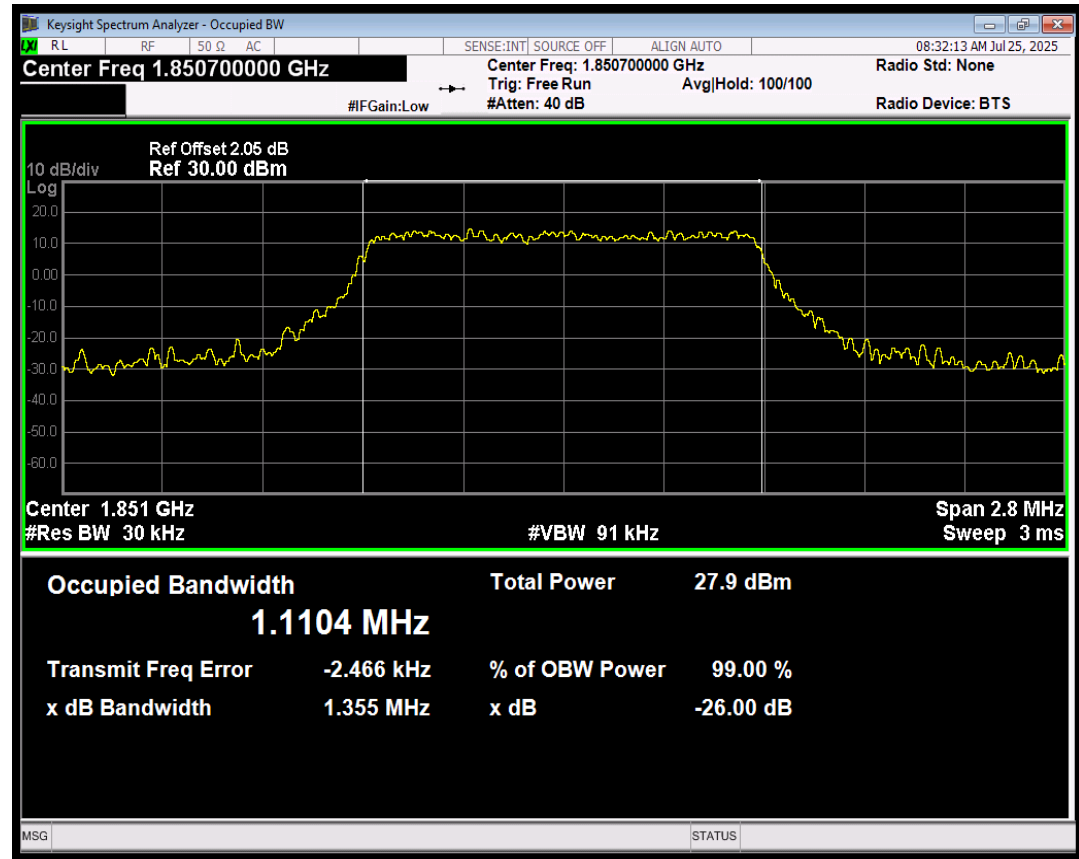
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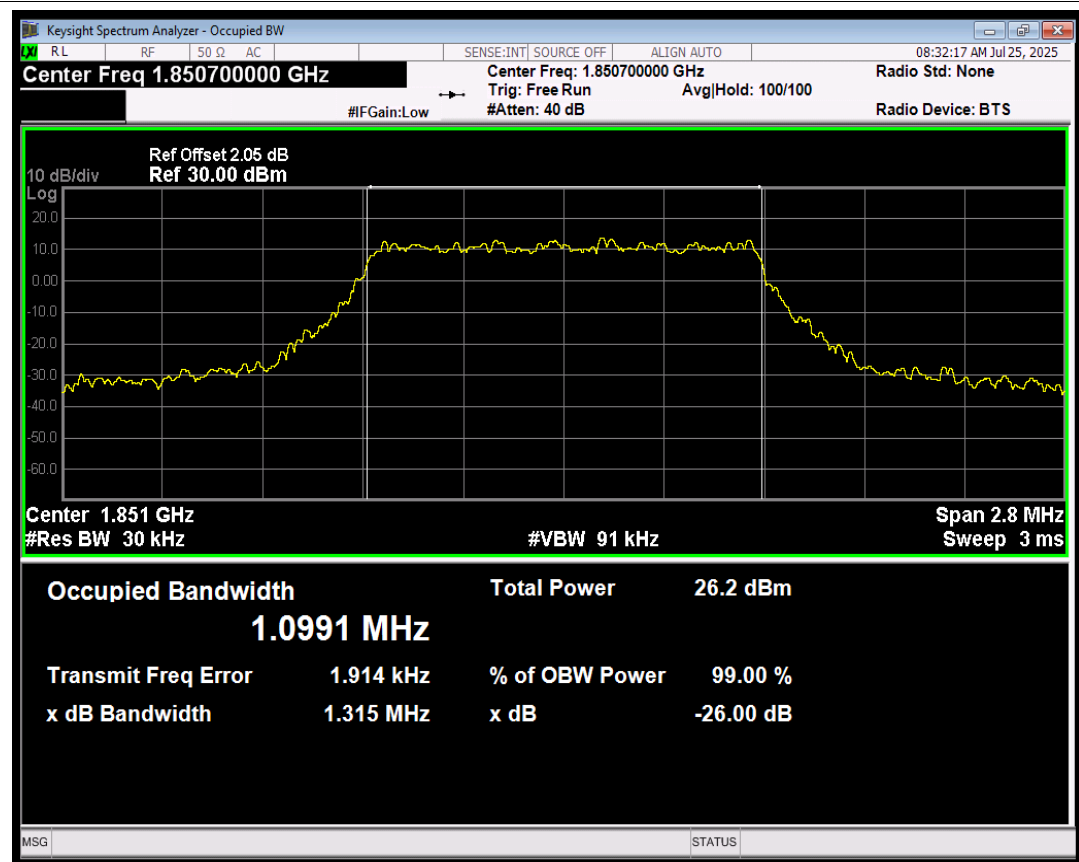
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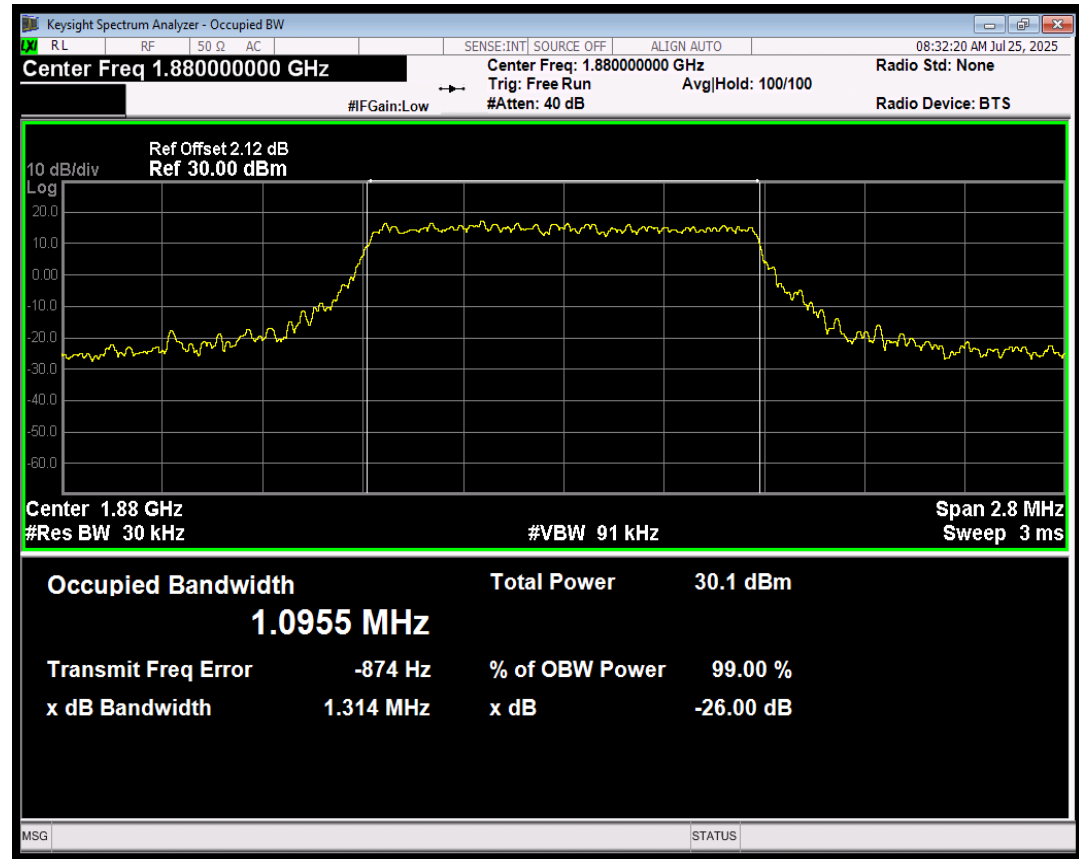
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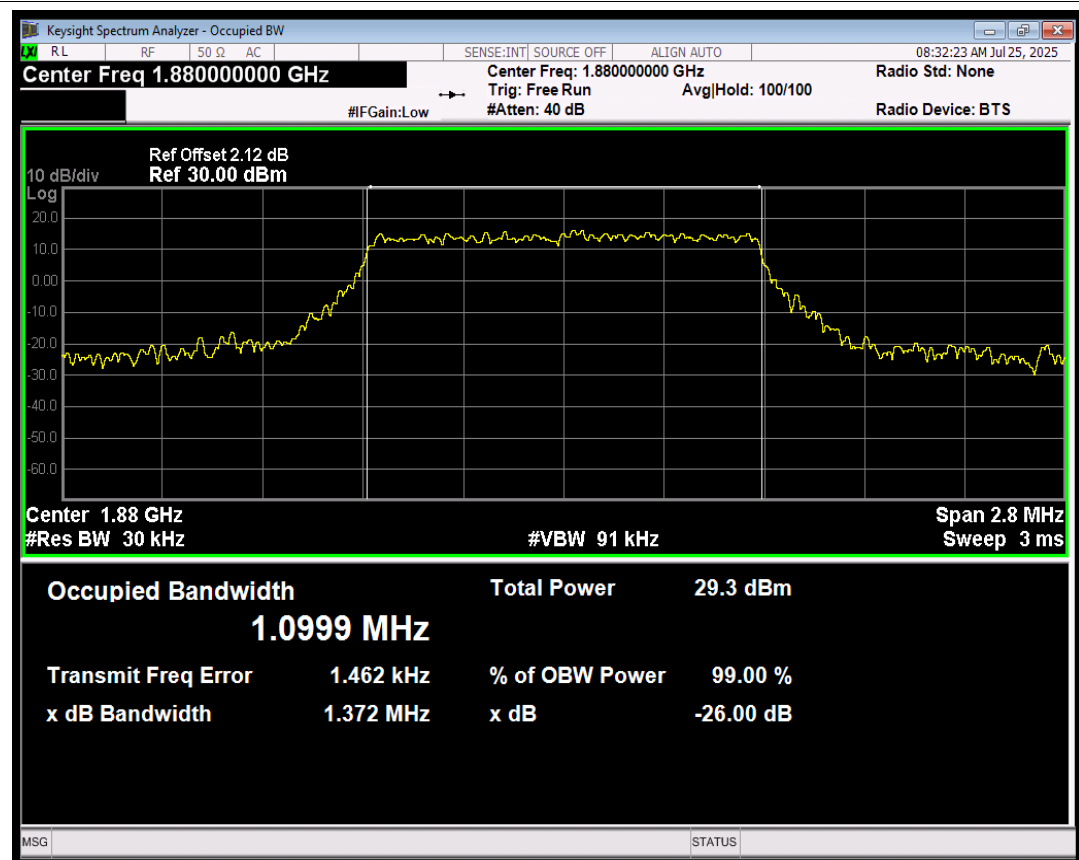
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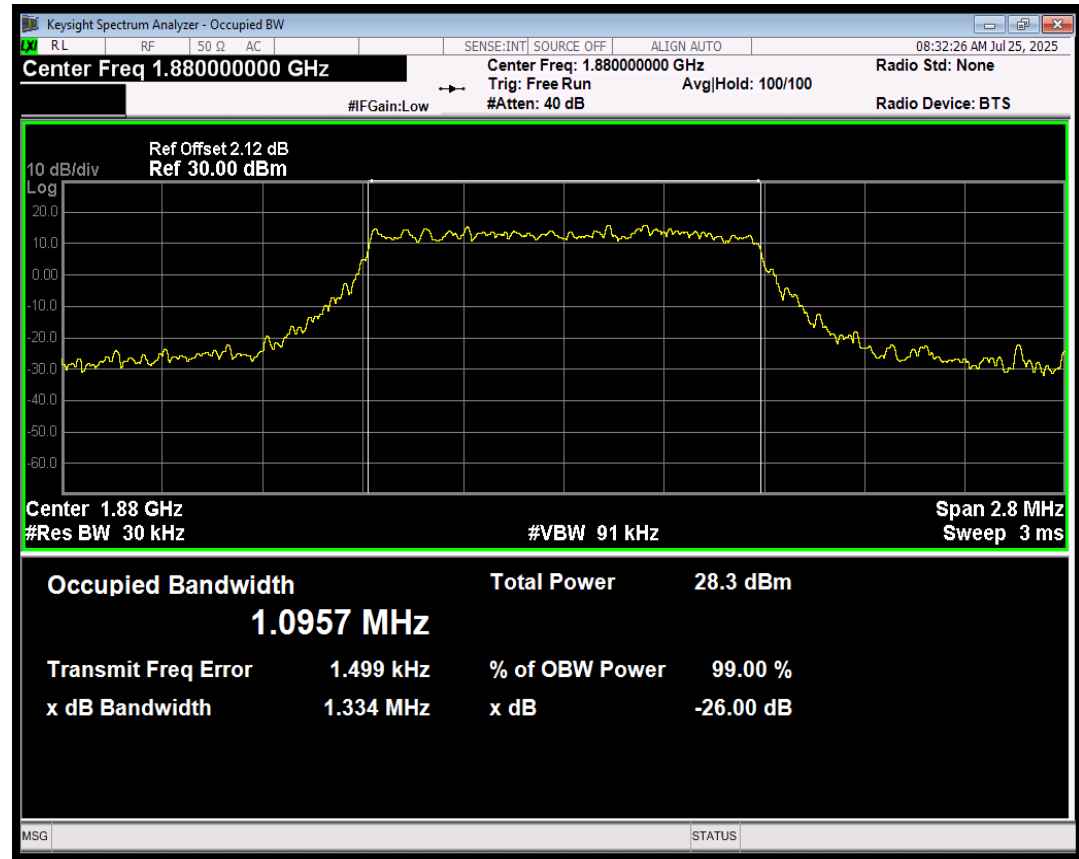
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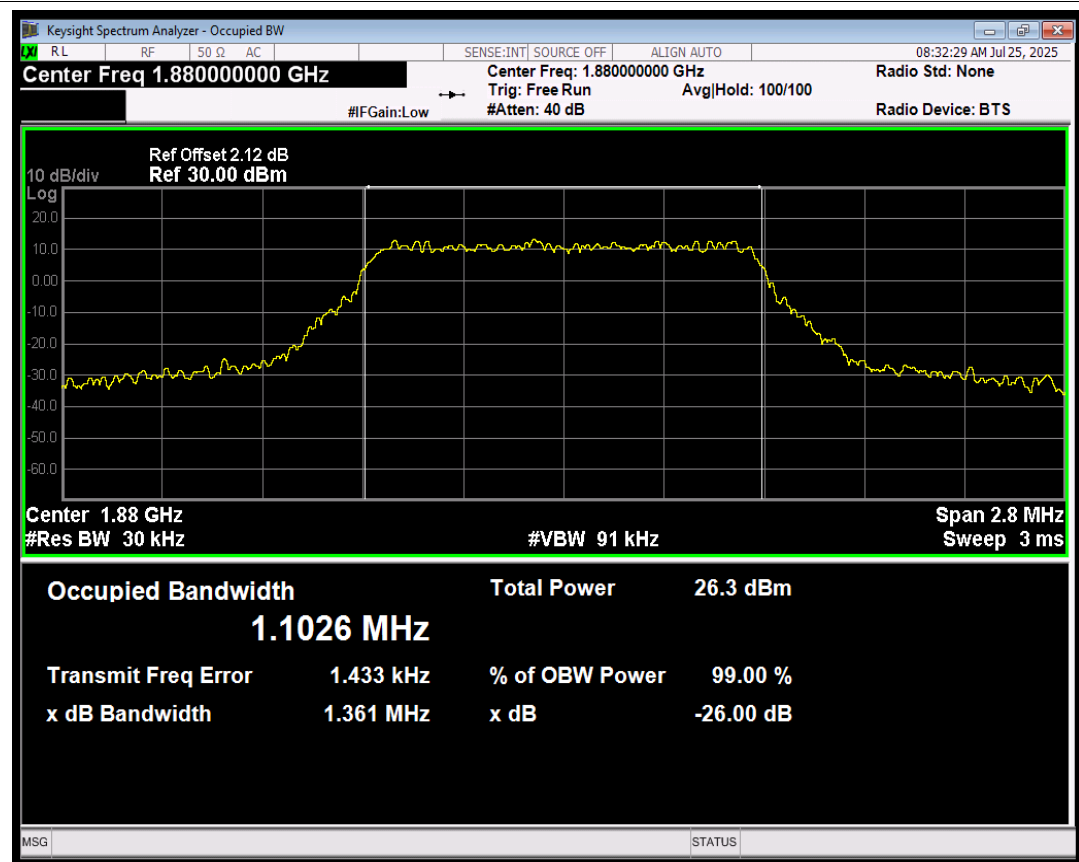
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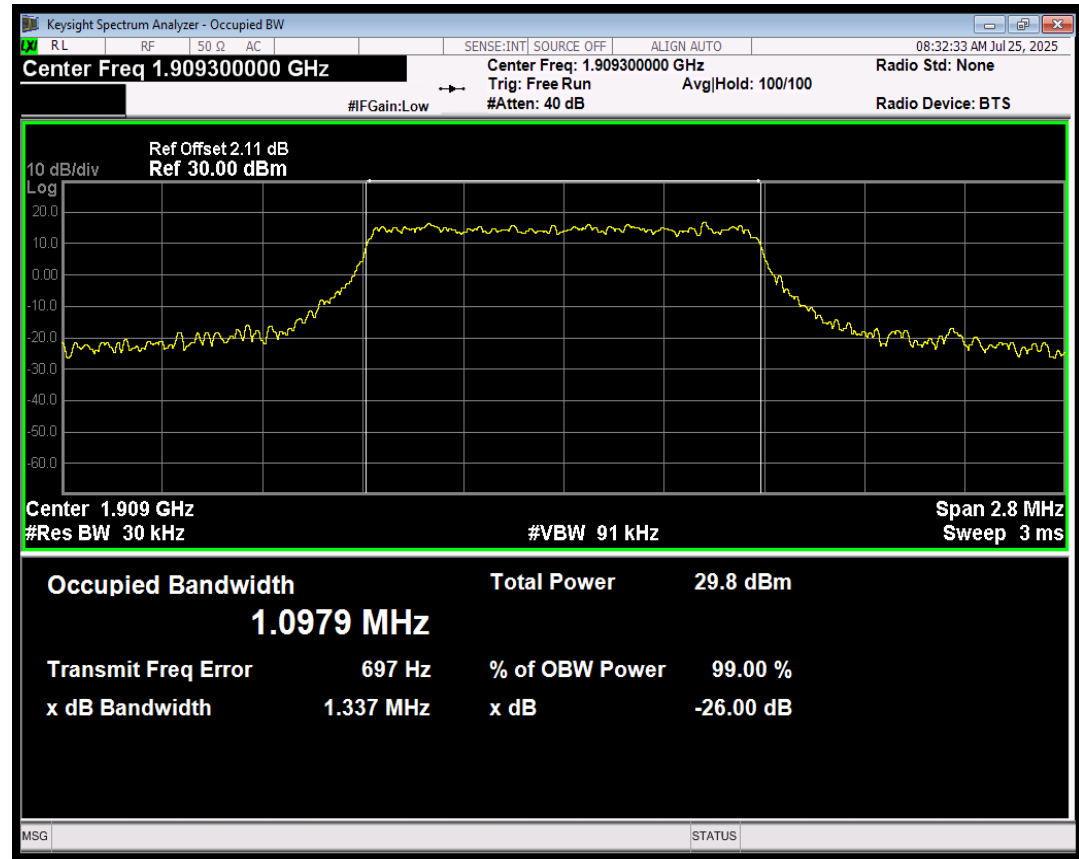
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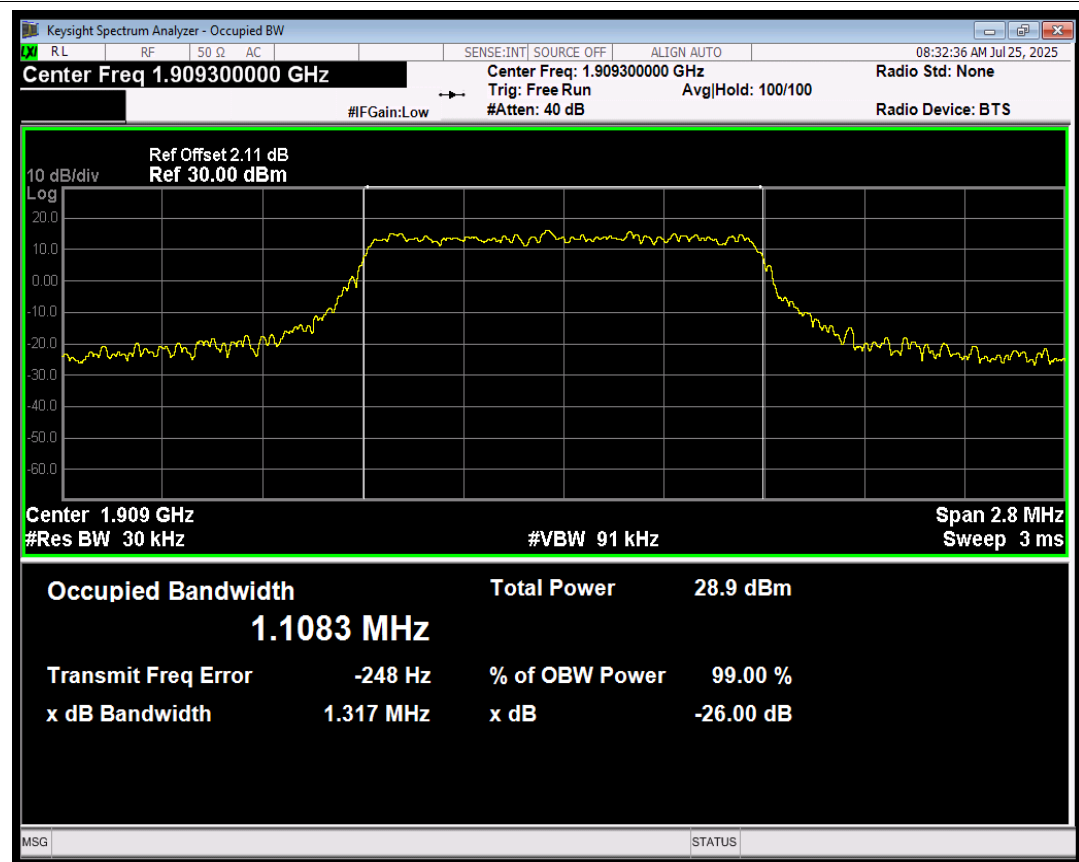
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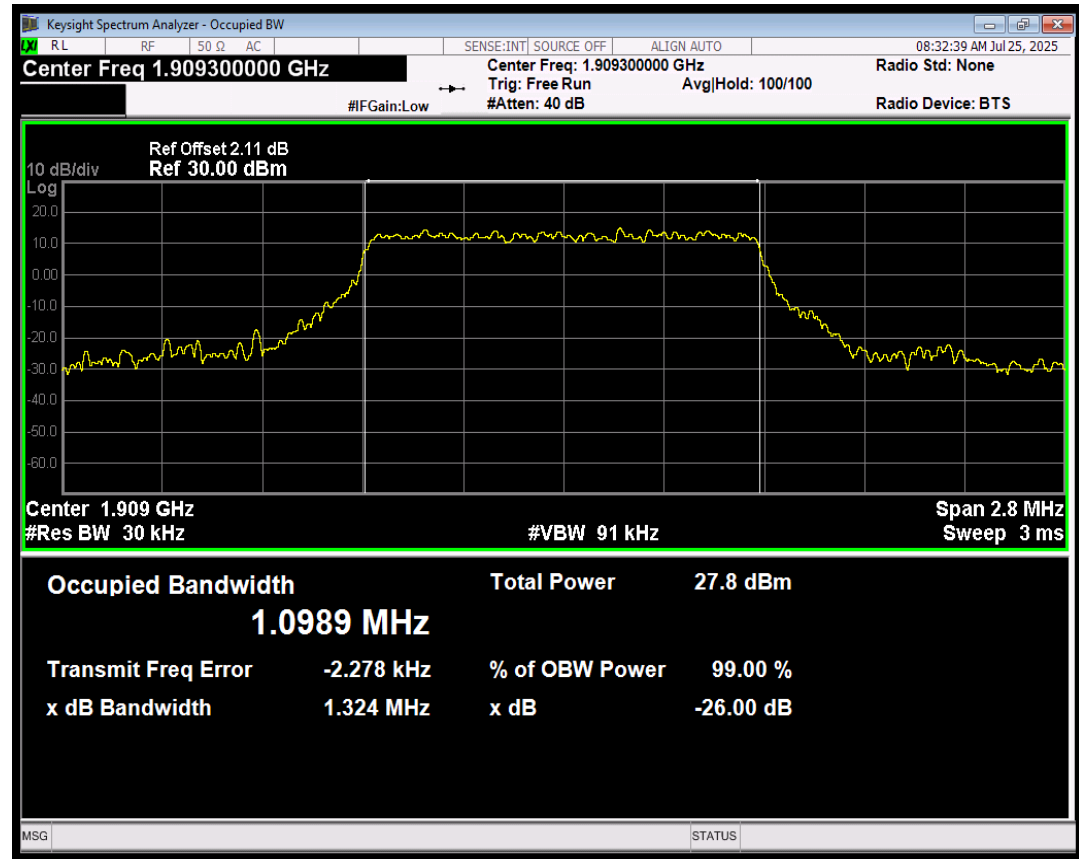
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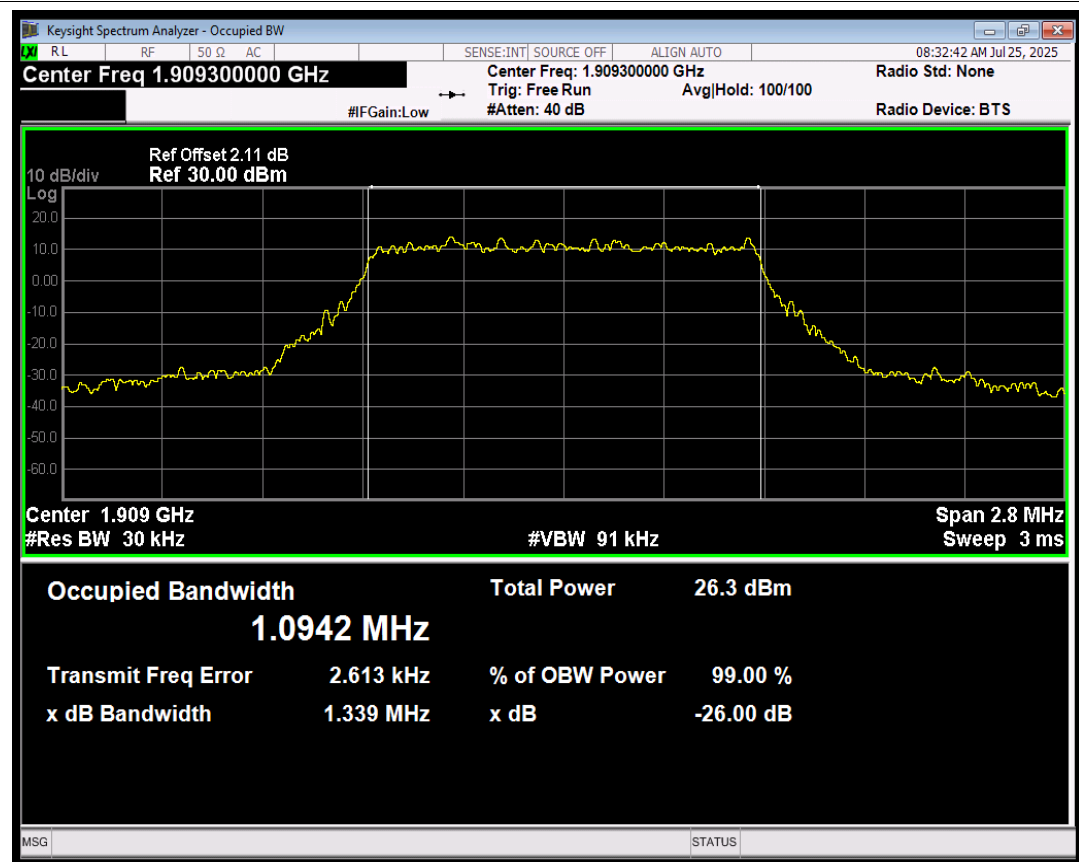
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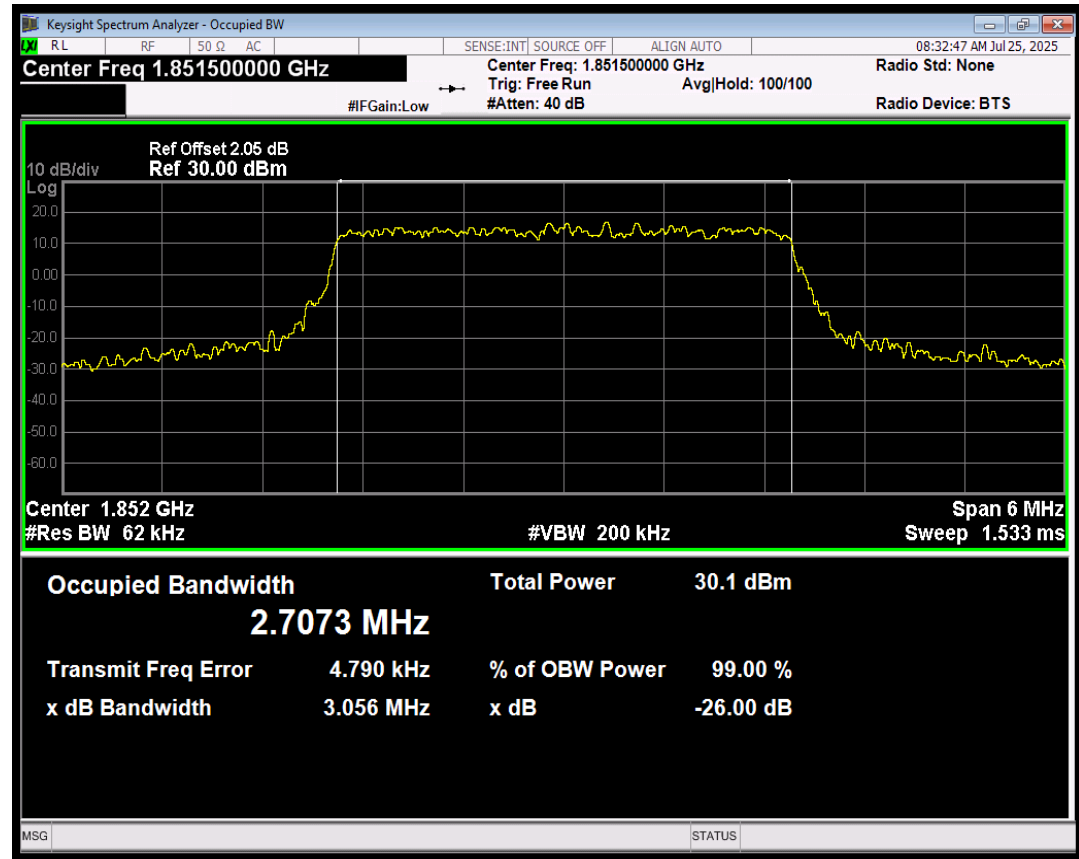
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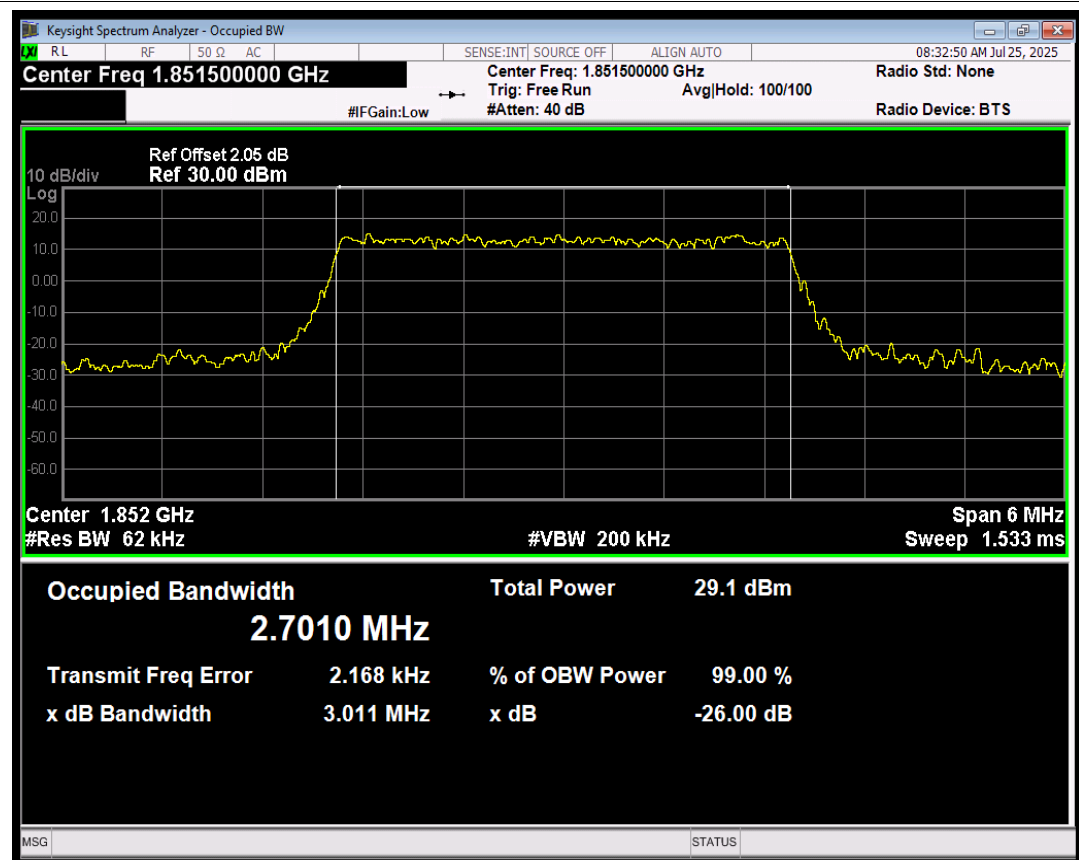
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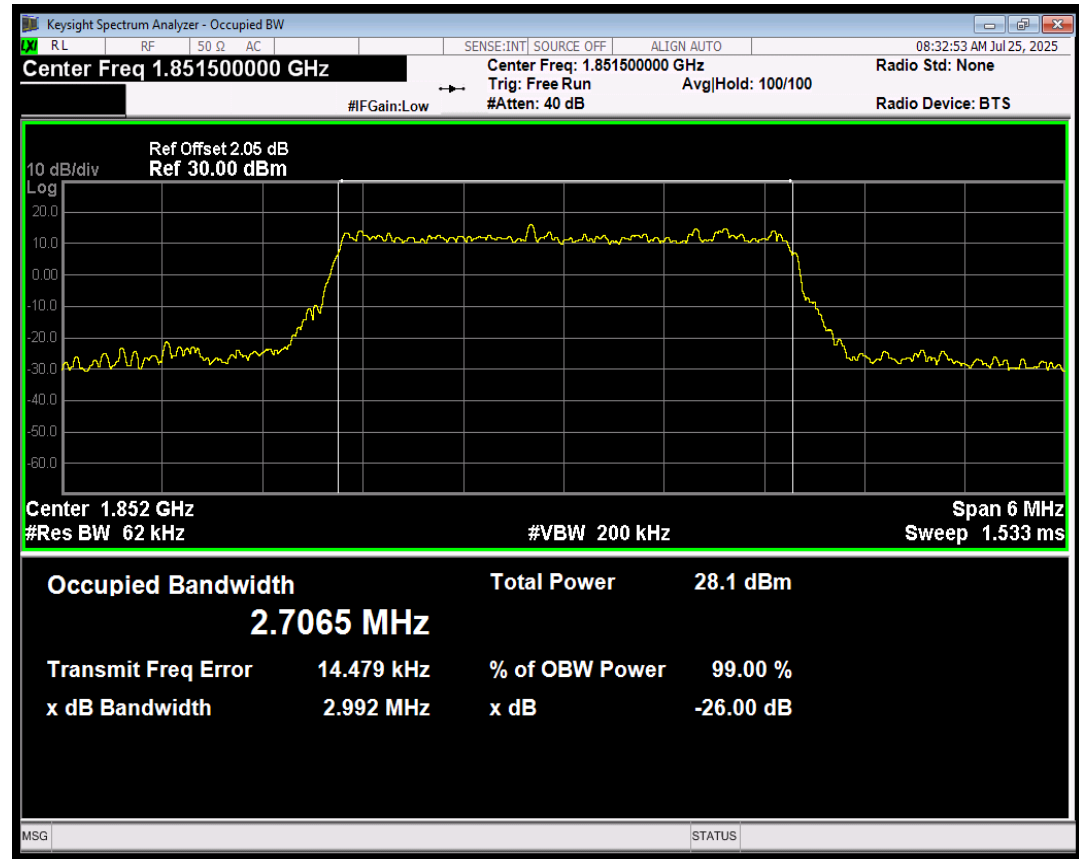
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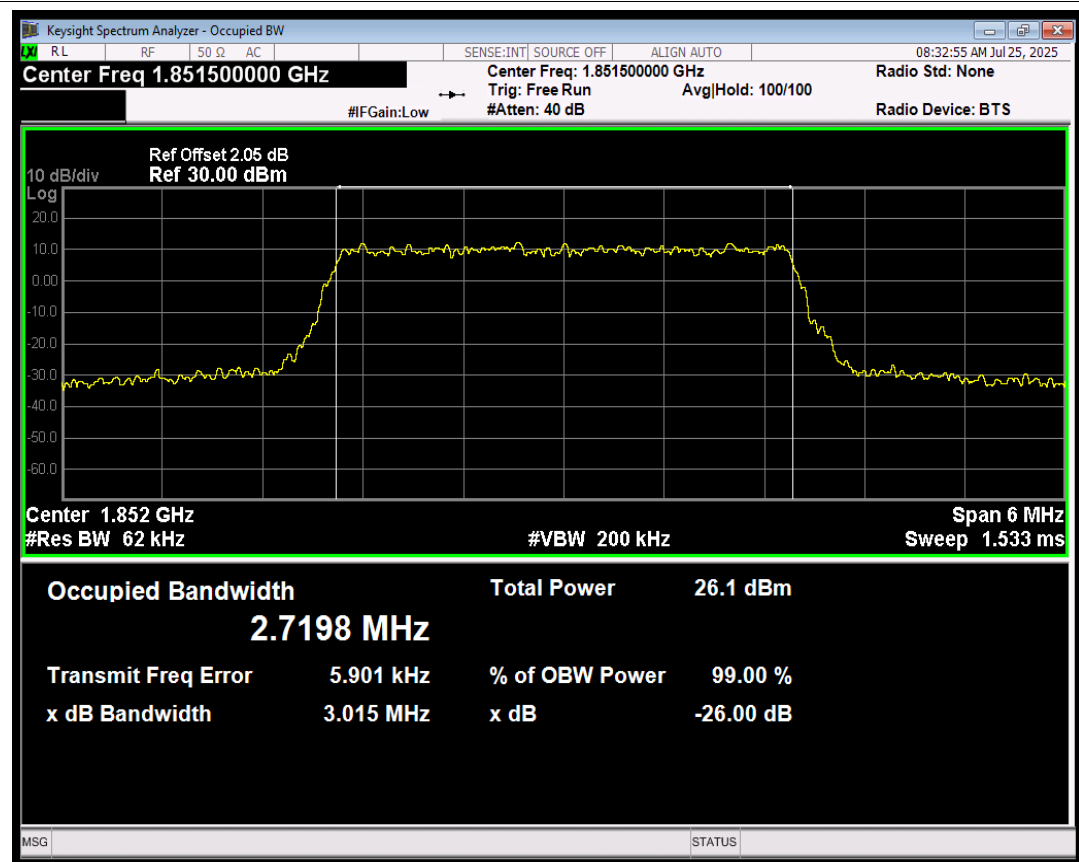
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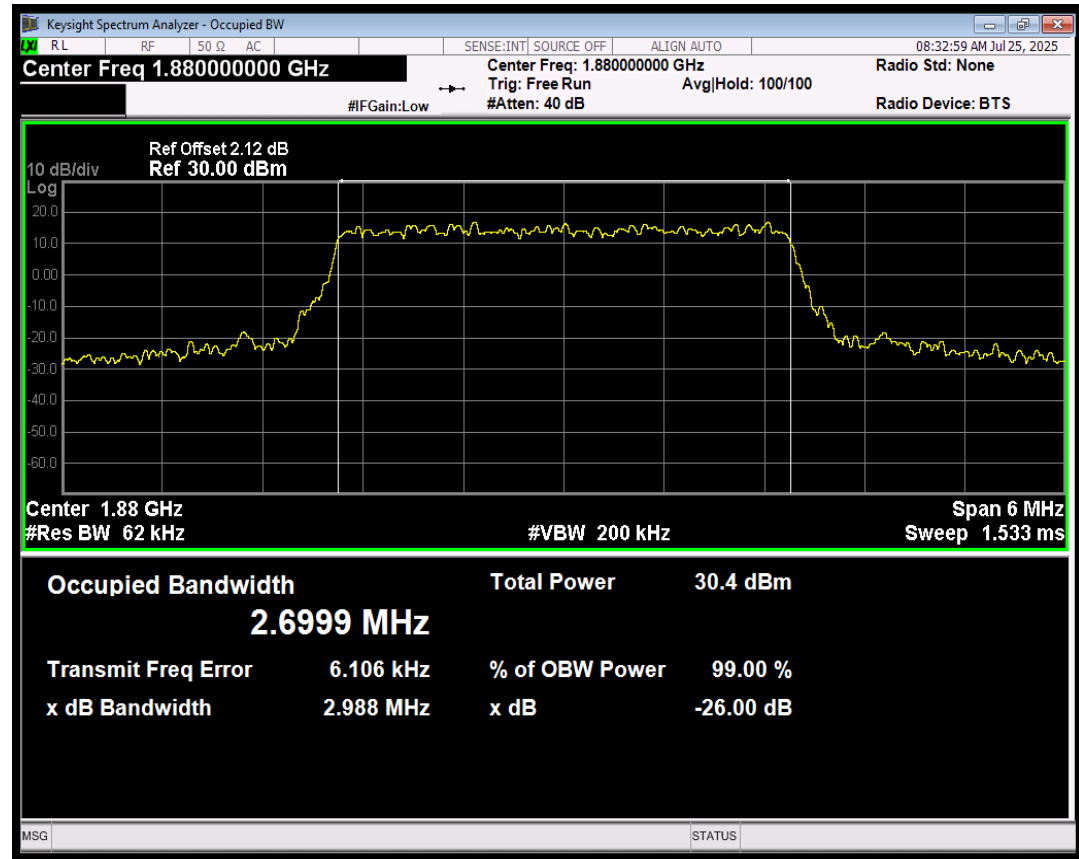
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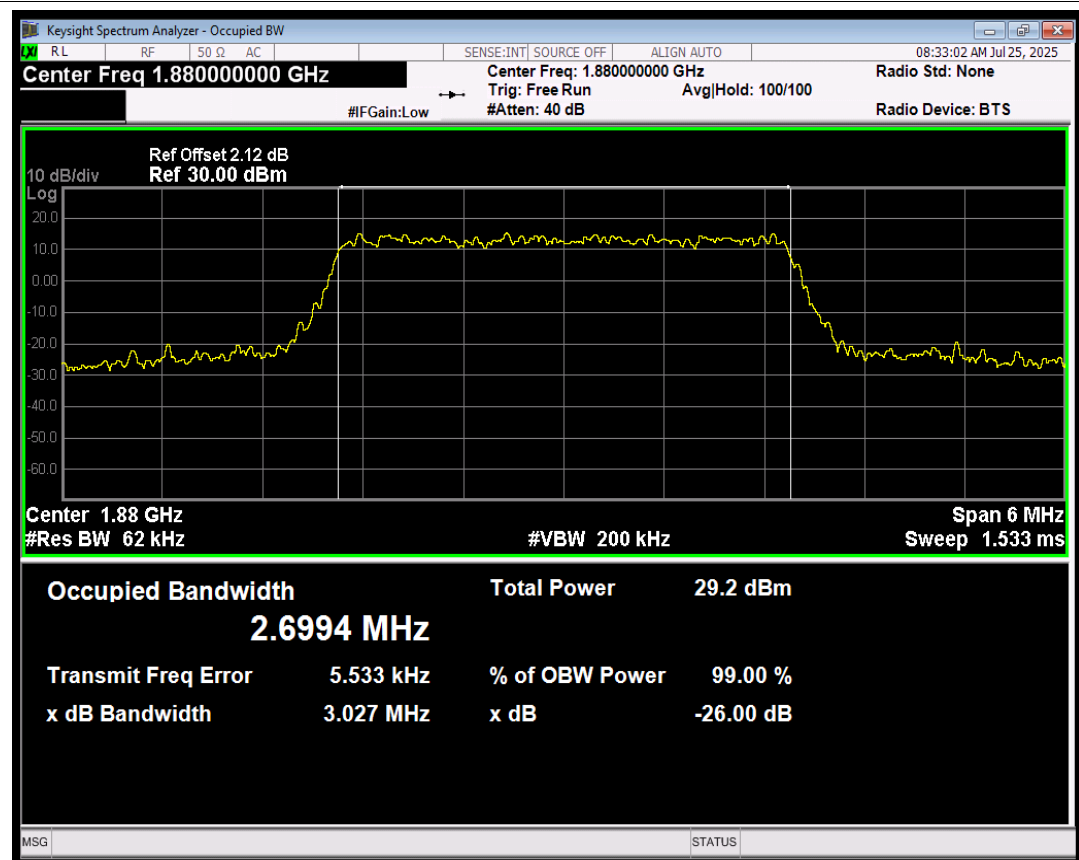
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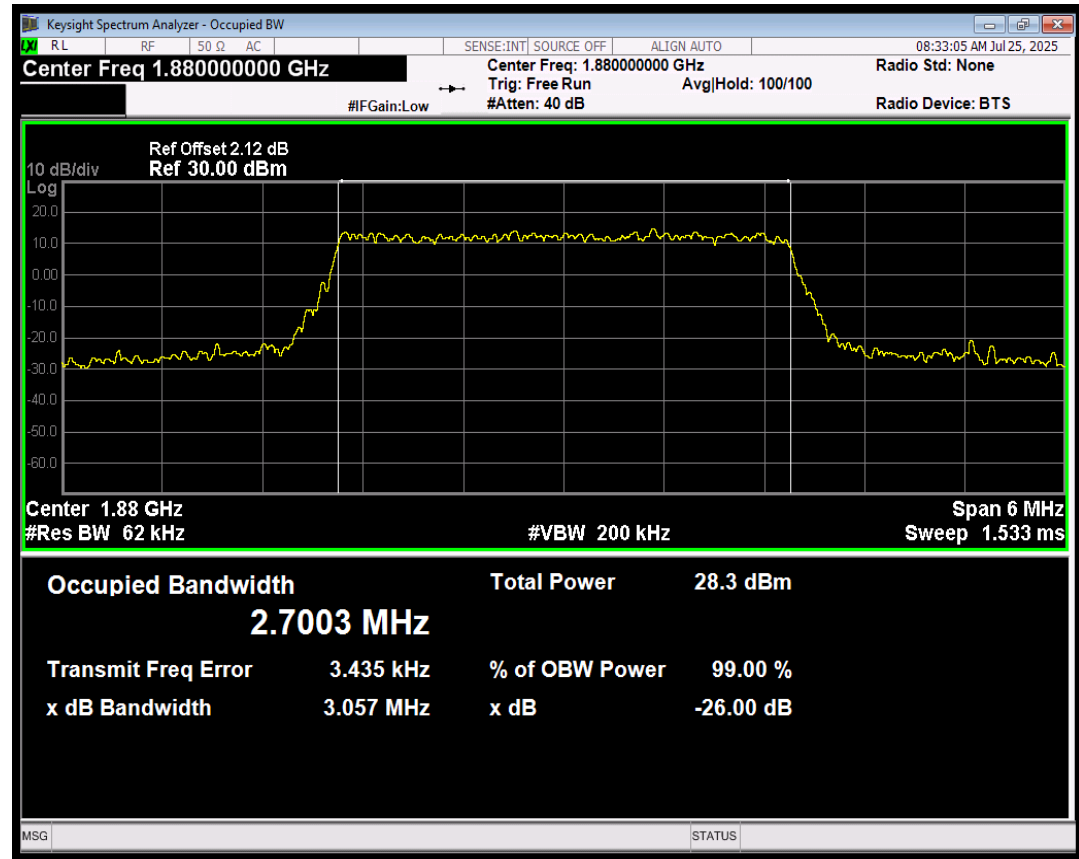
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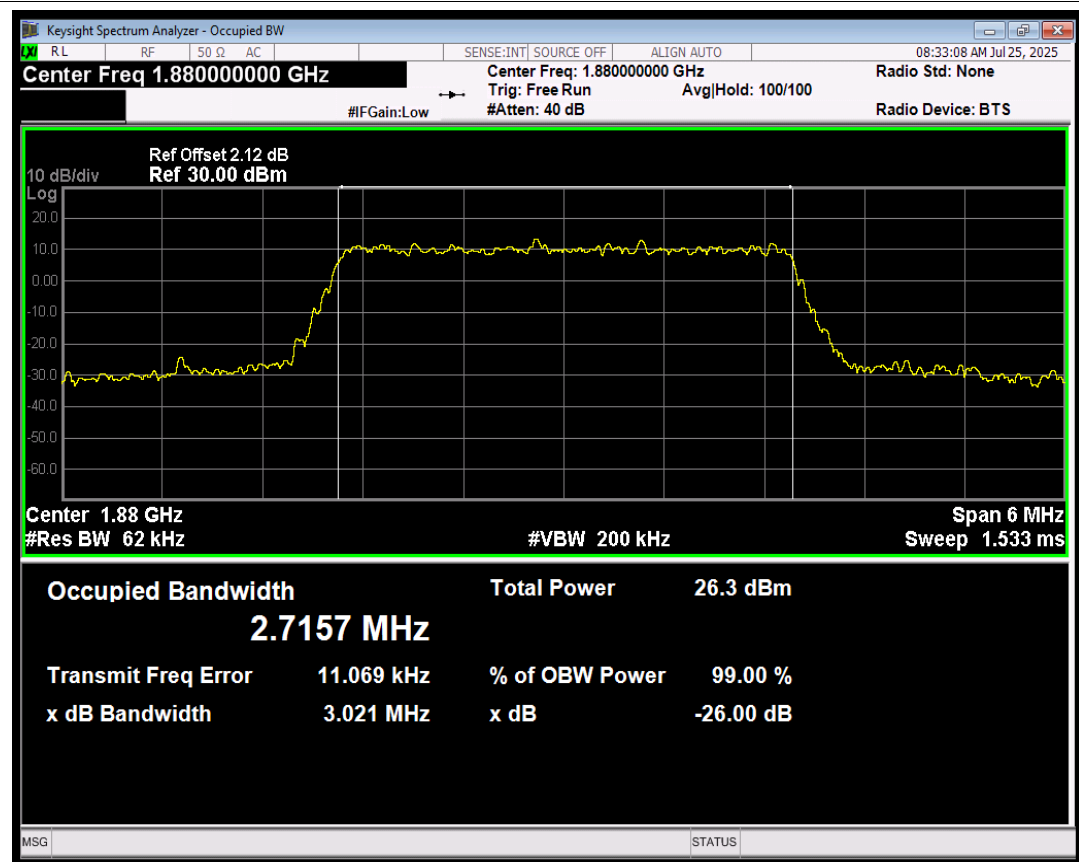
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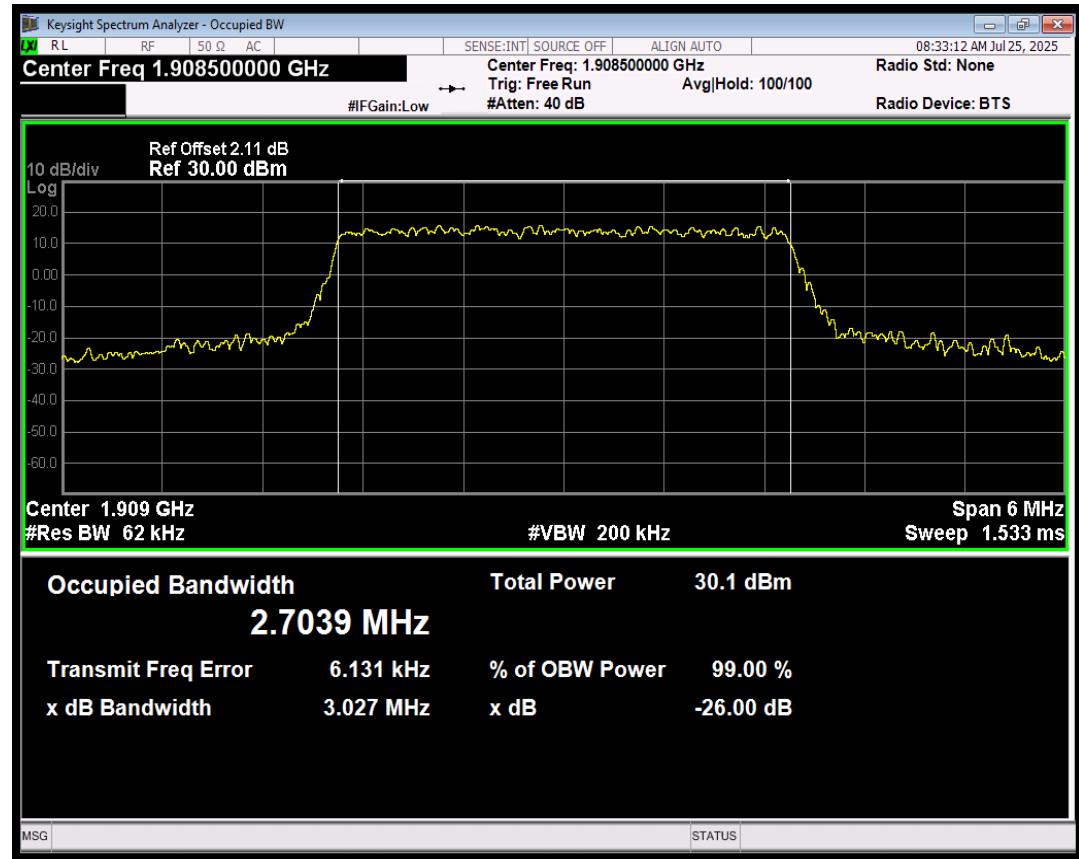
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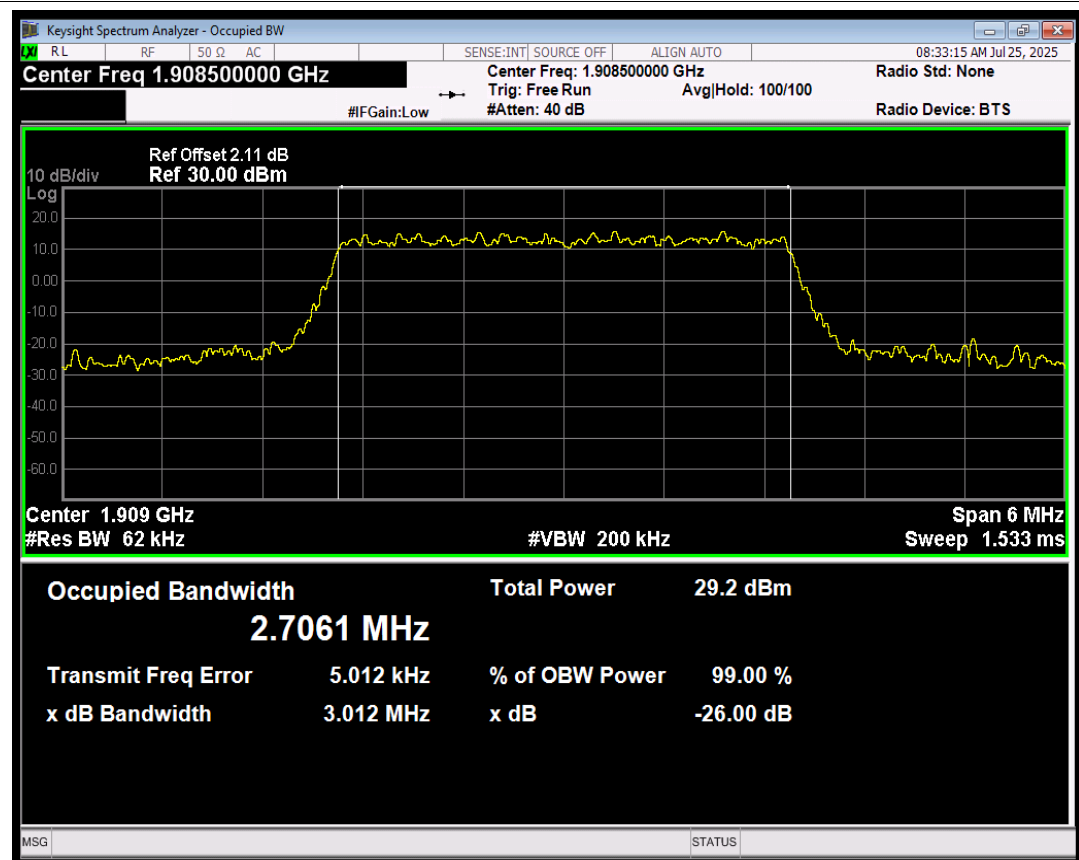
Band2 64QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



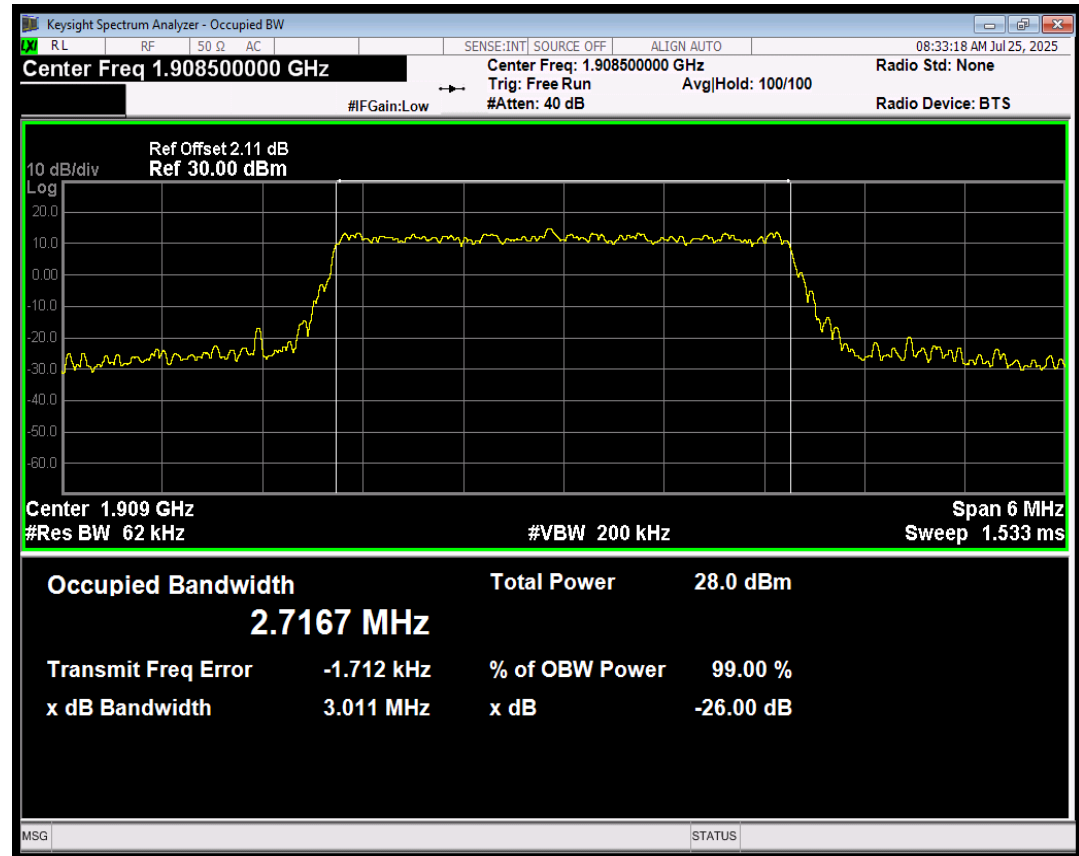
Band2 256QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



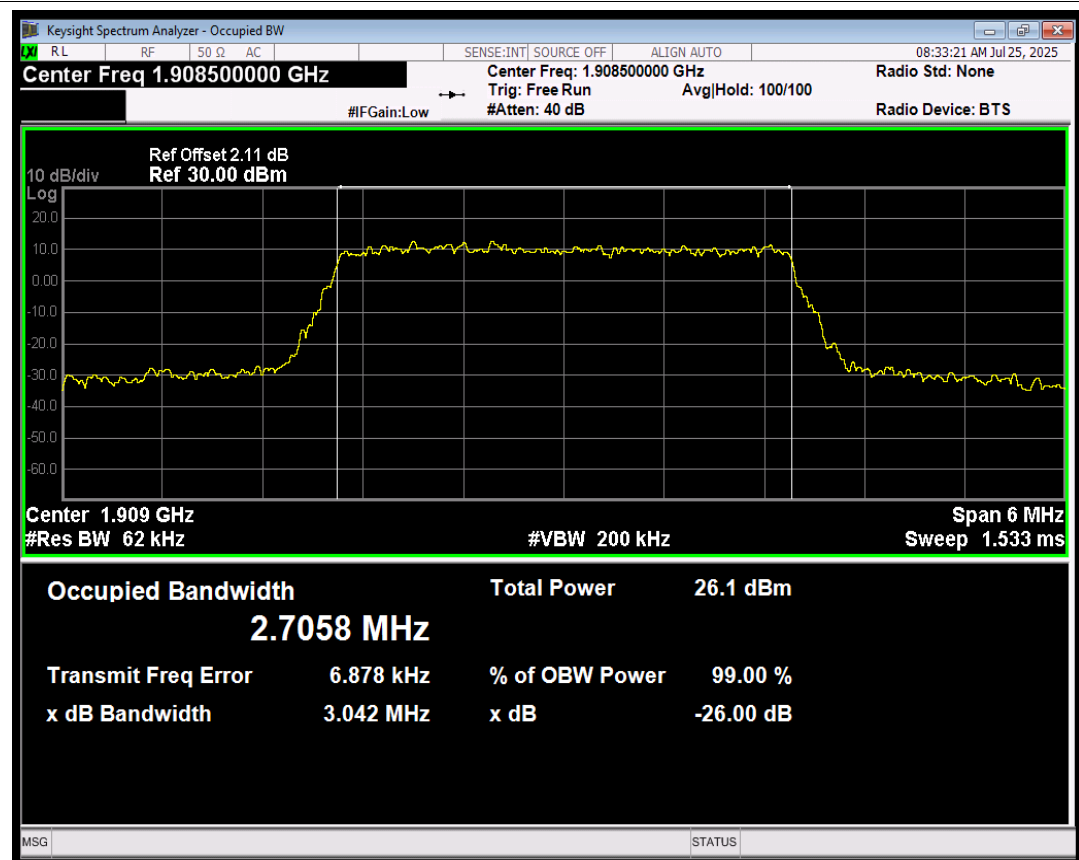
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



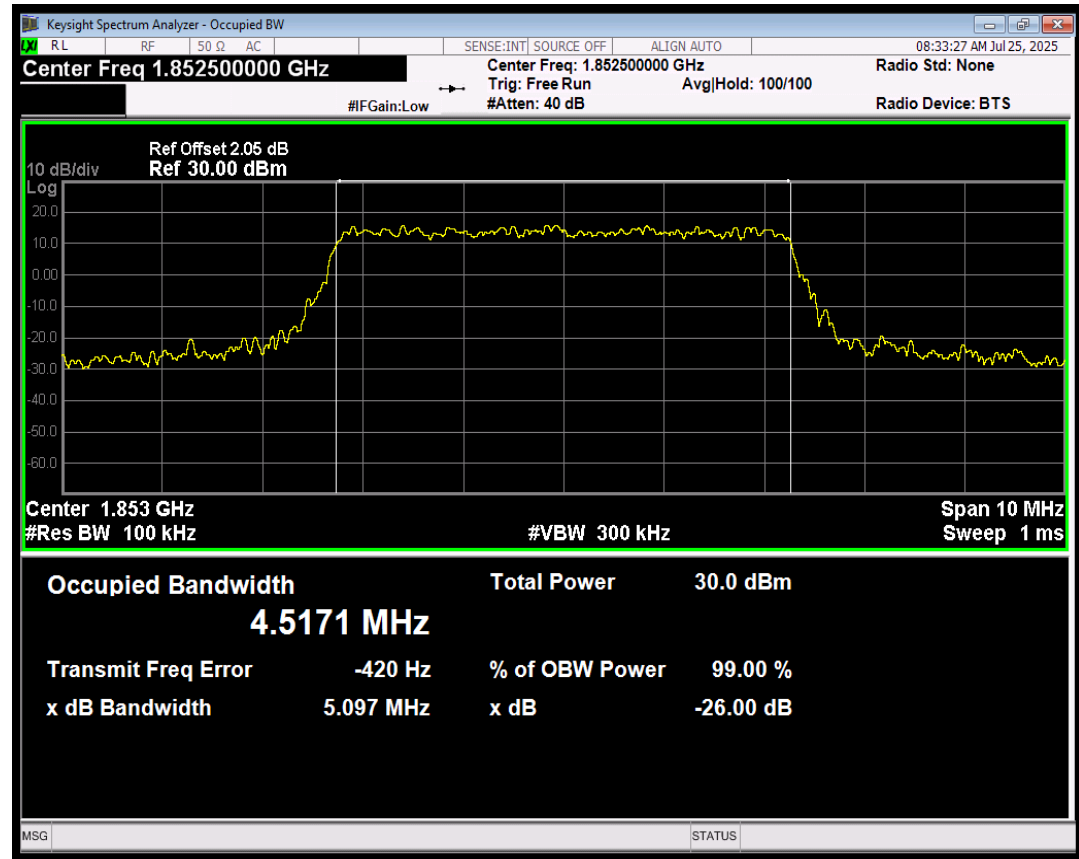
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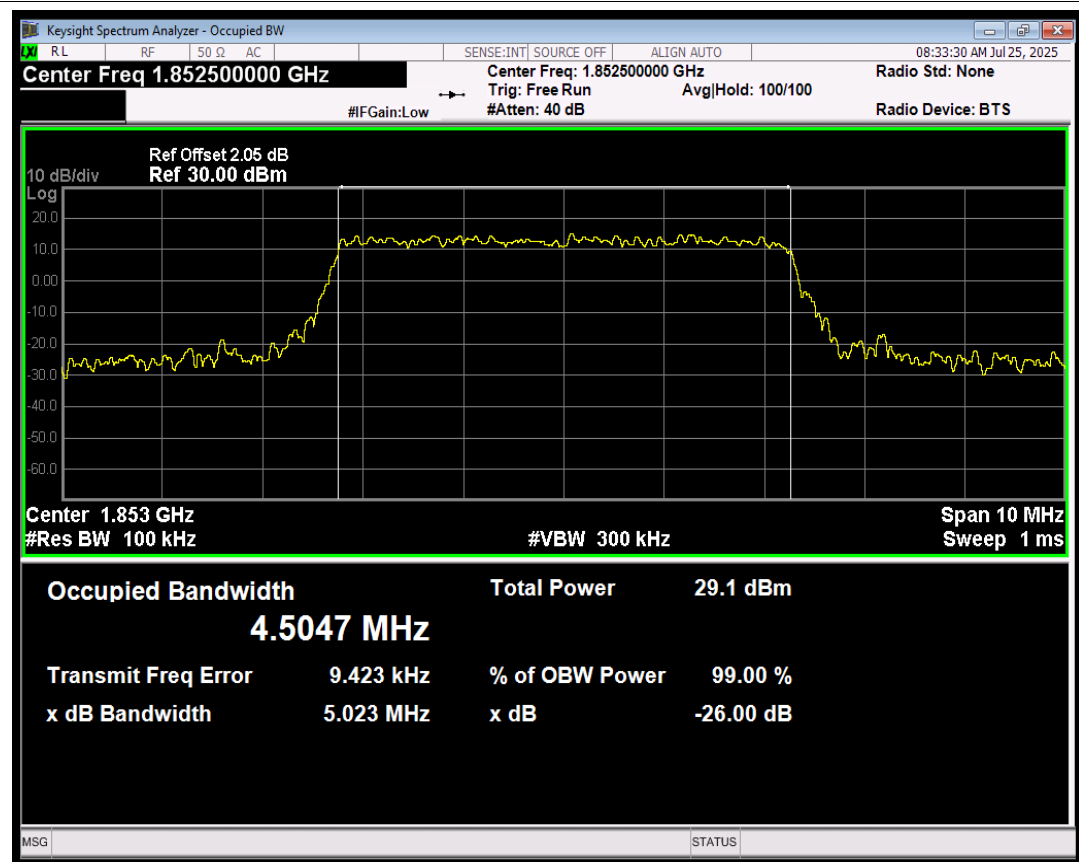
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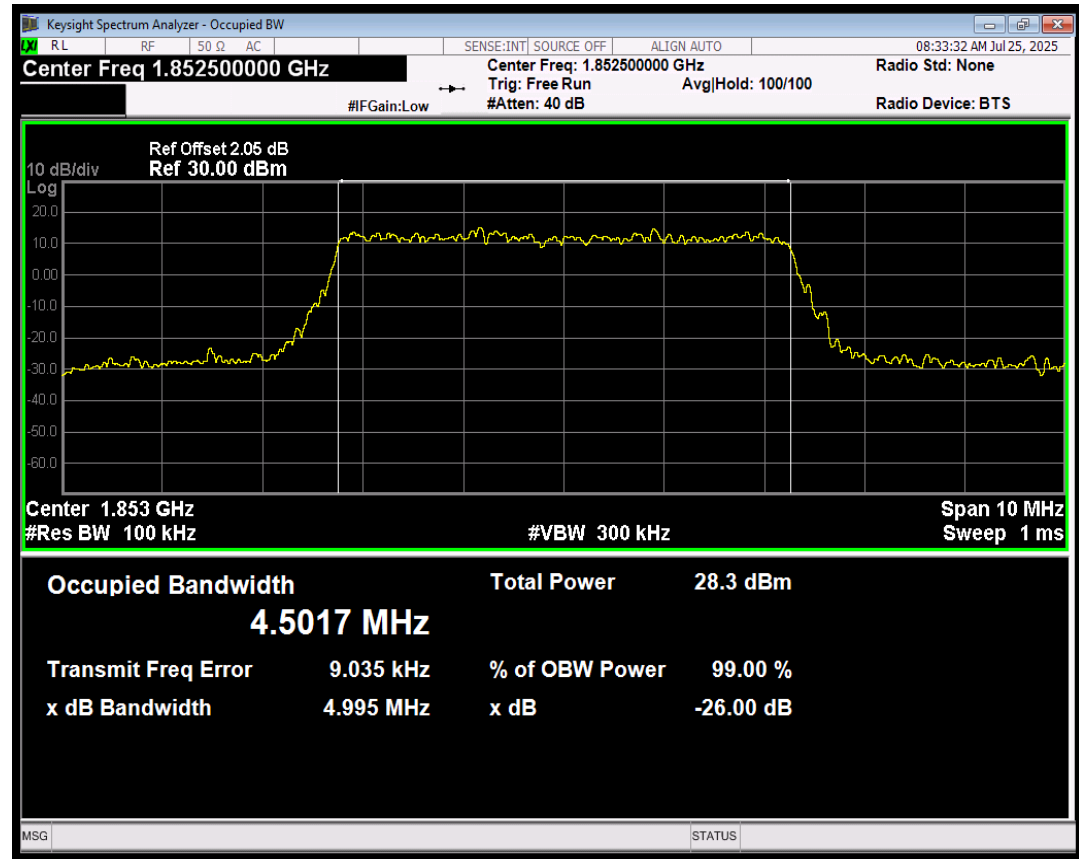
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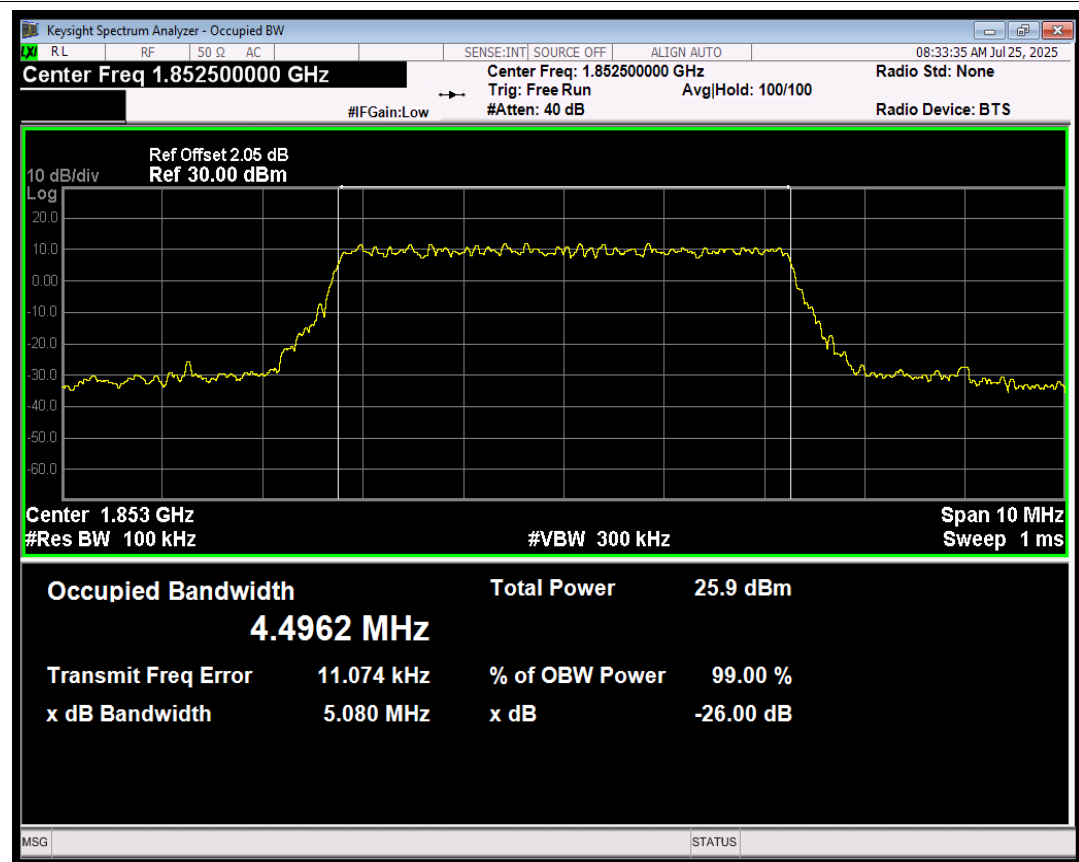
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



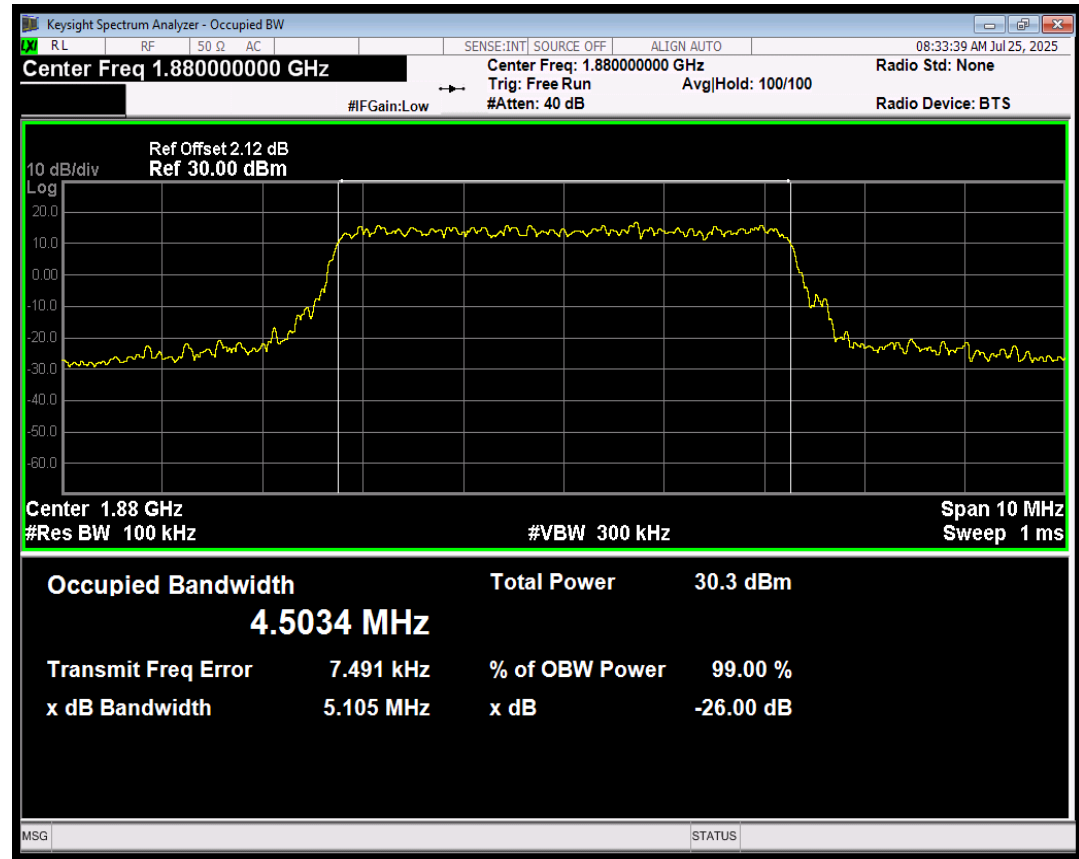
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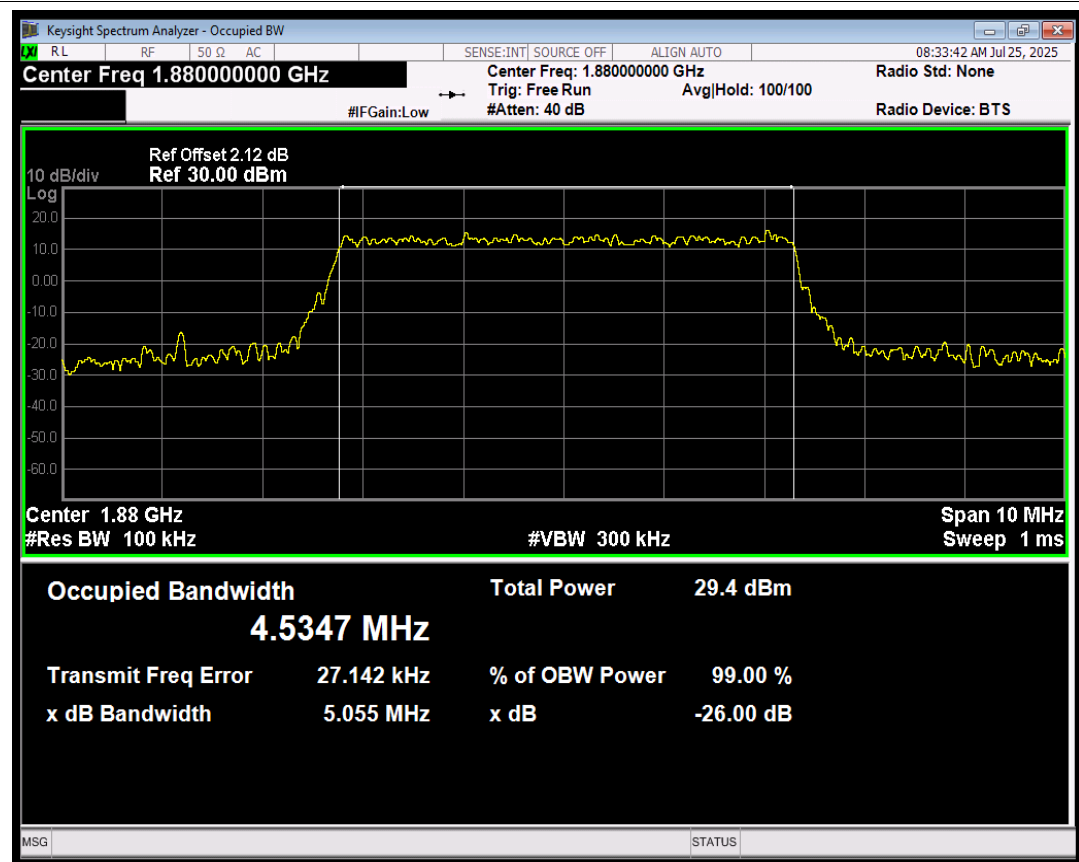
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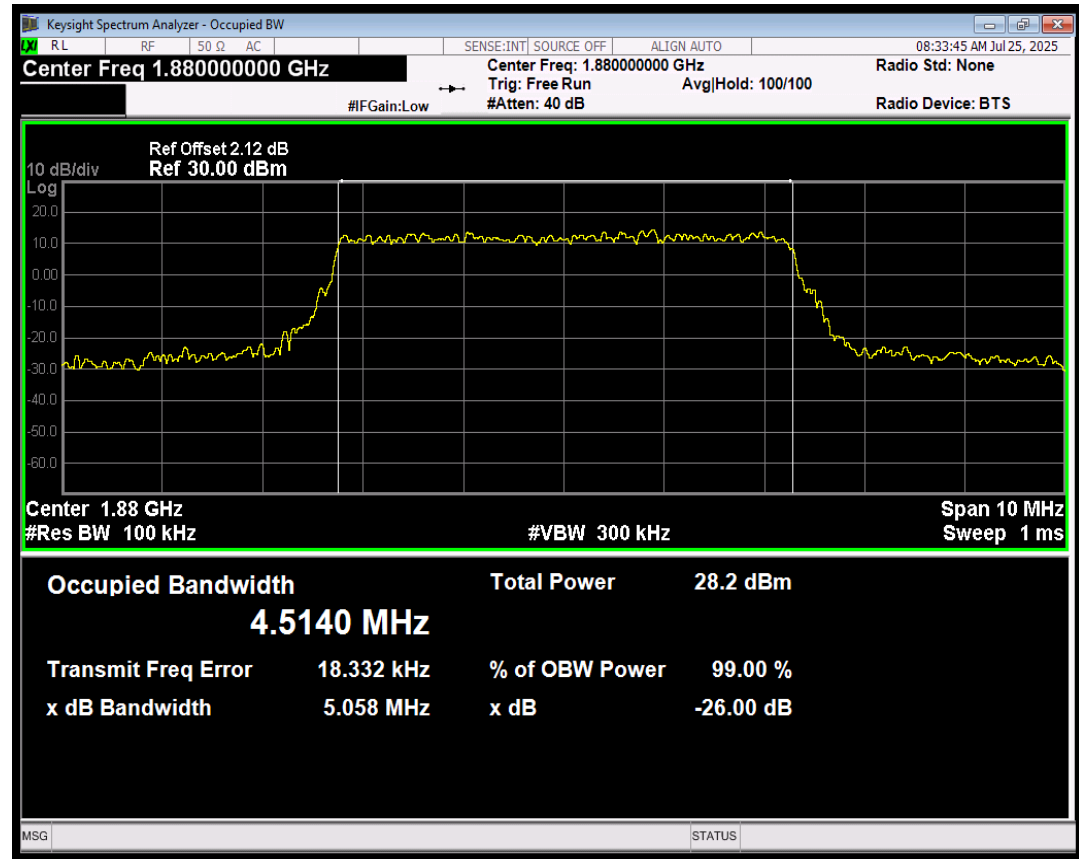
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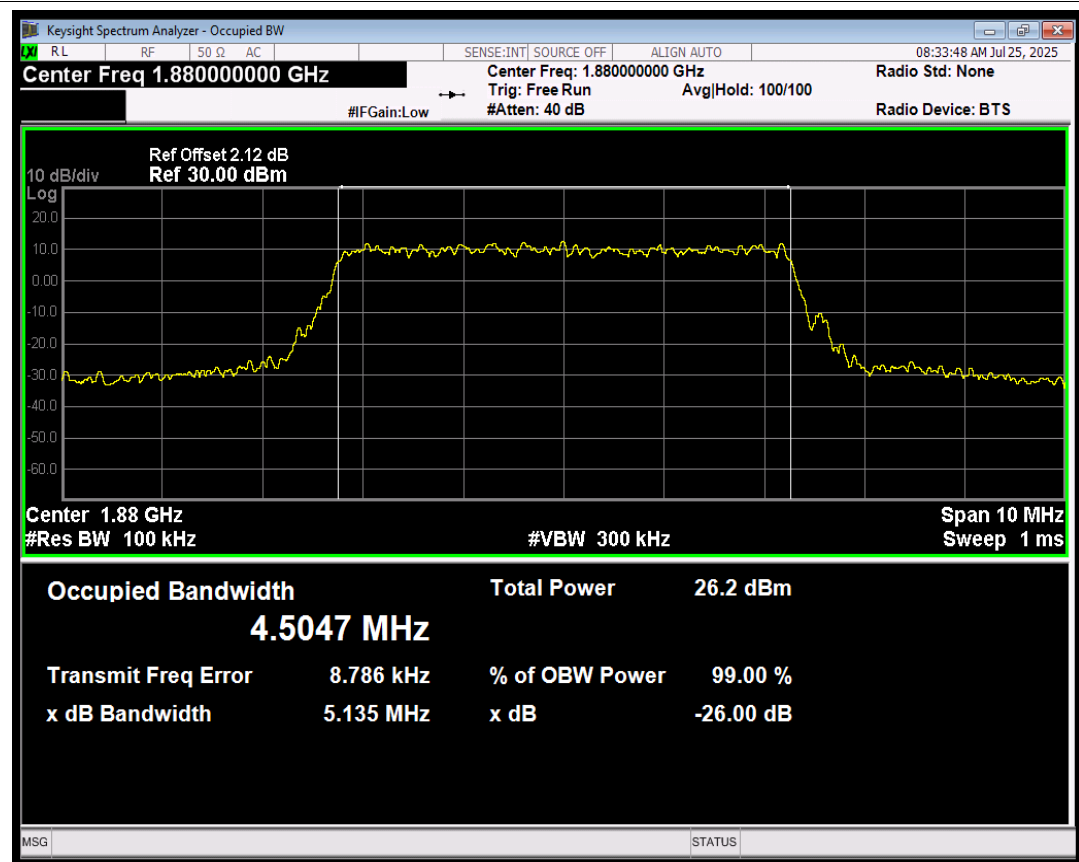
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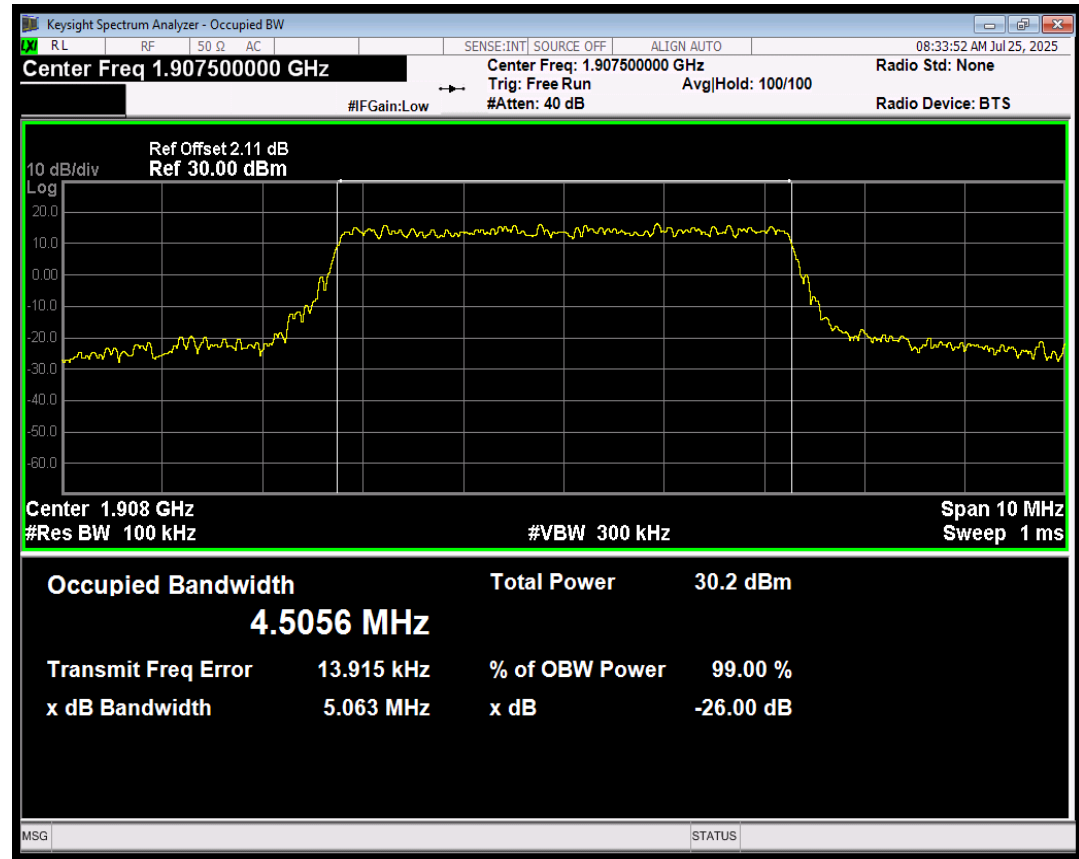
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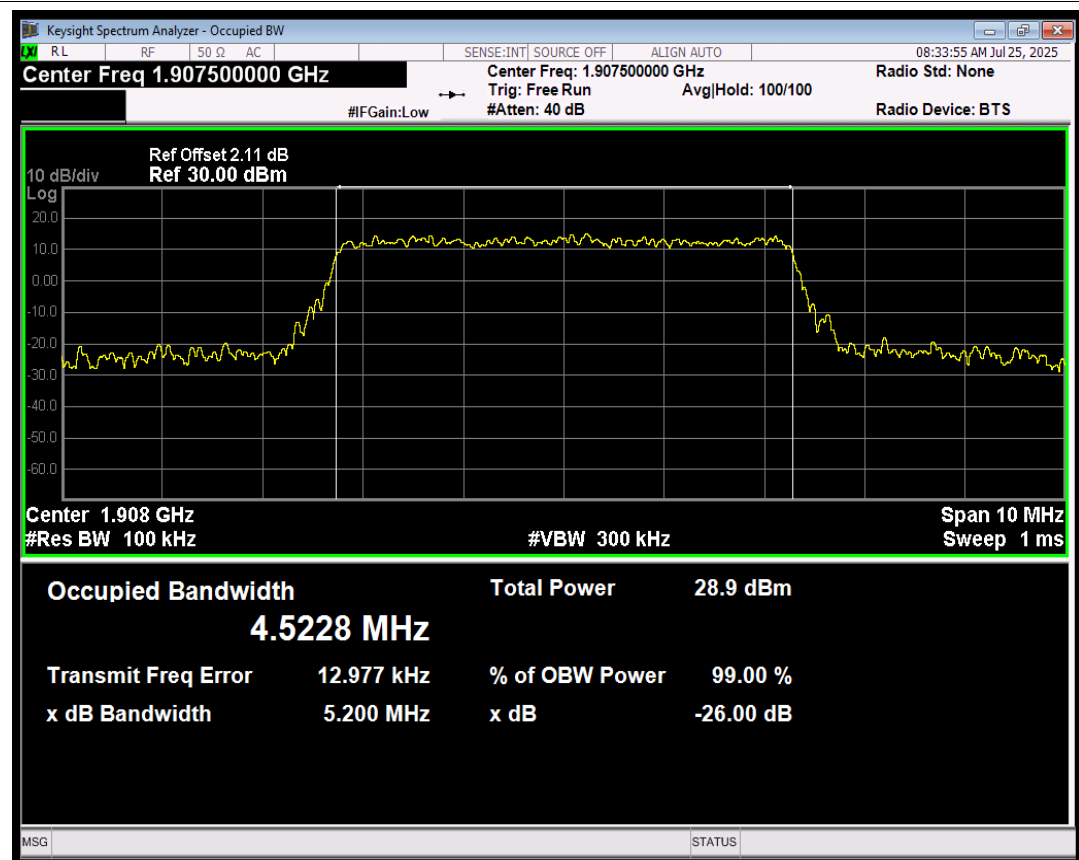
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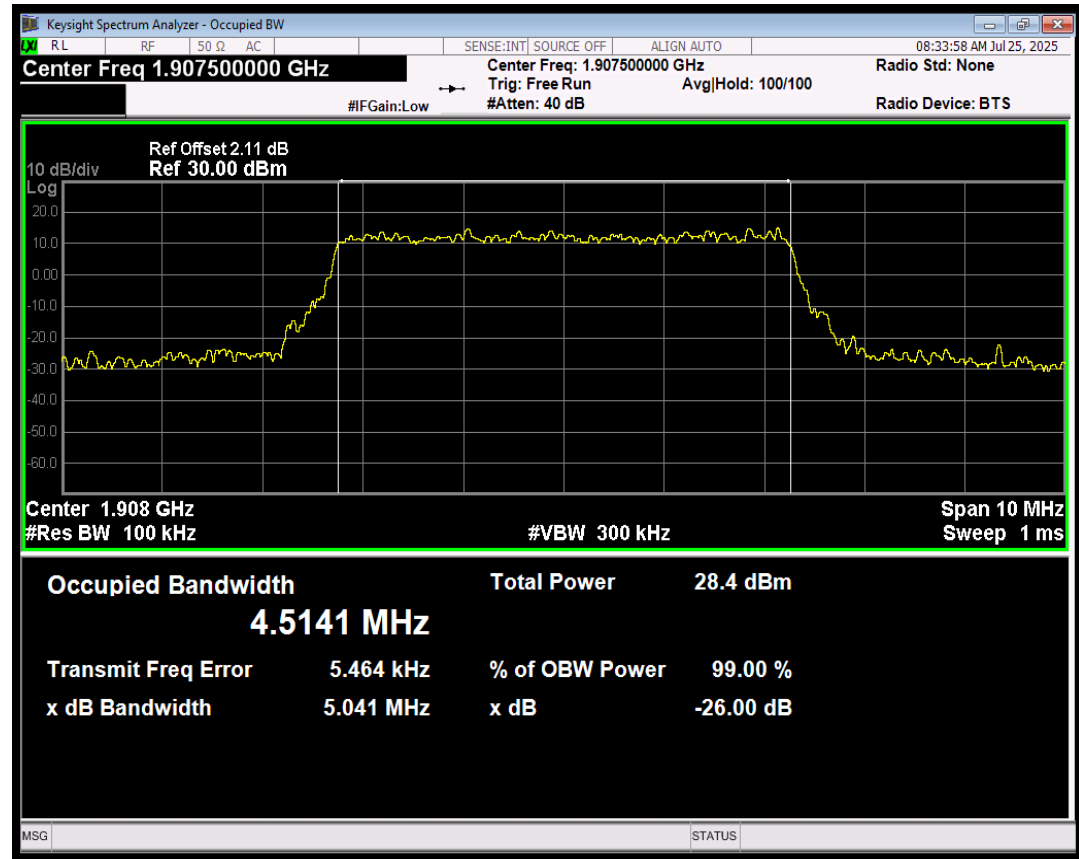
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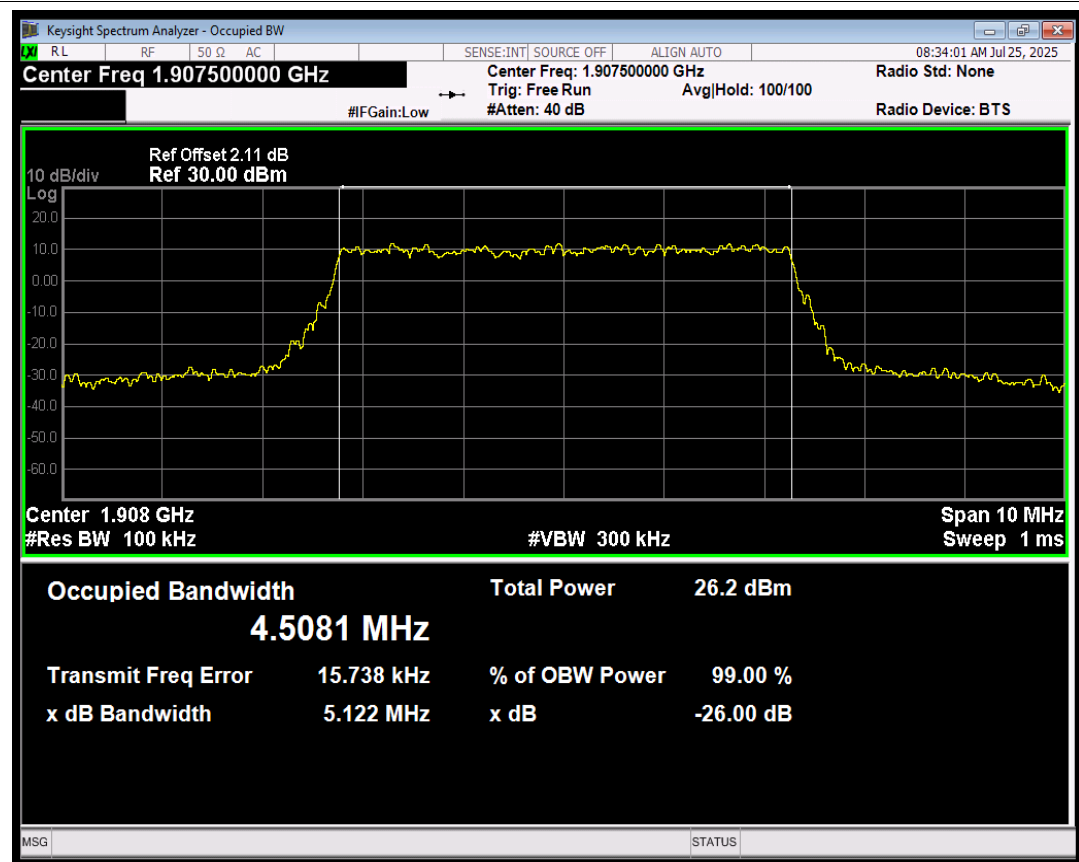
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



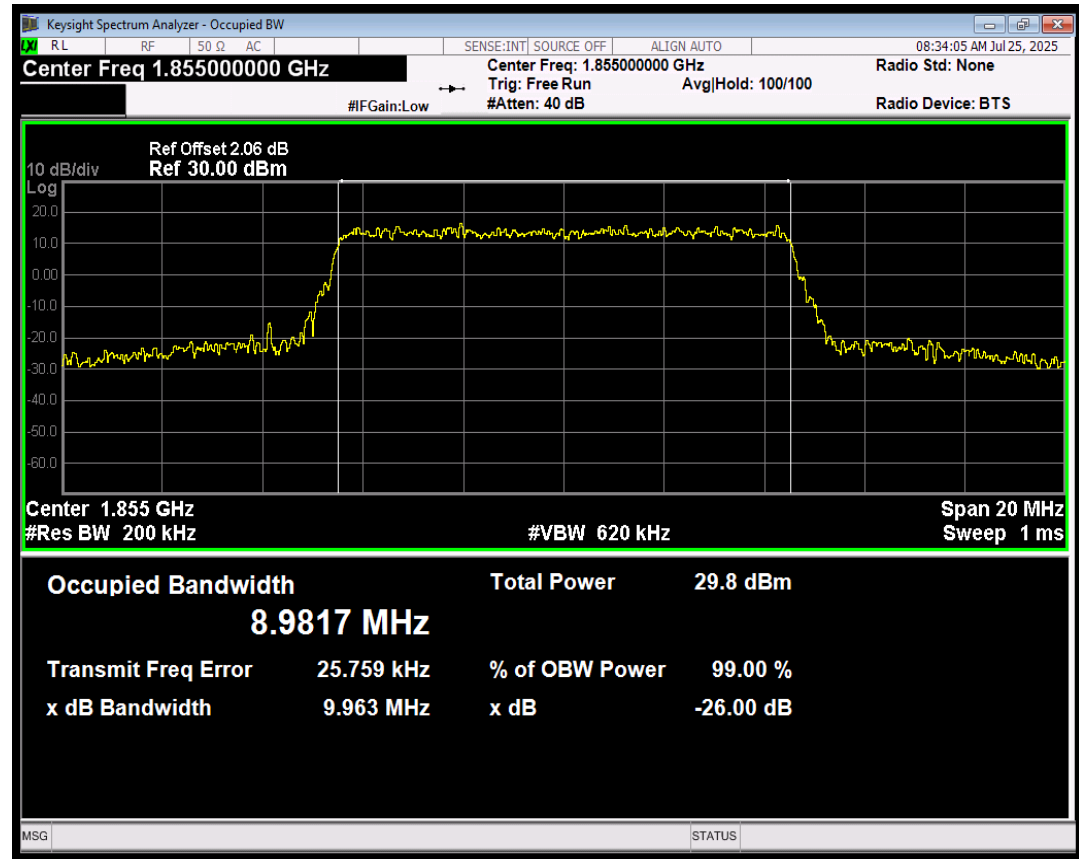
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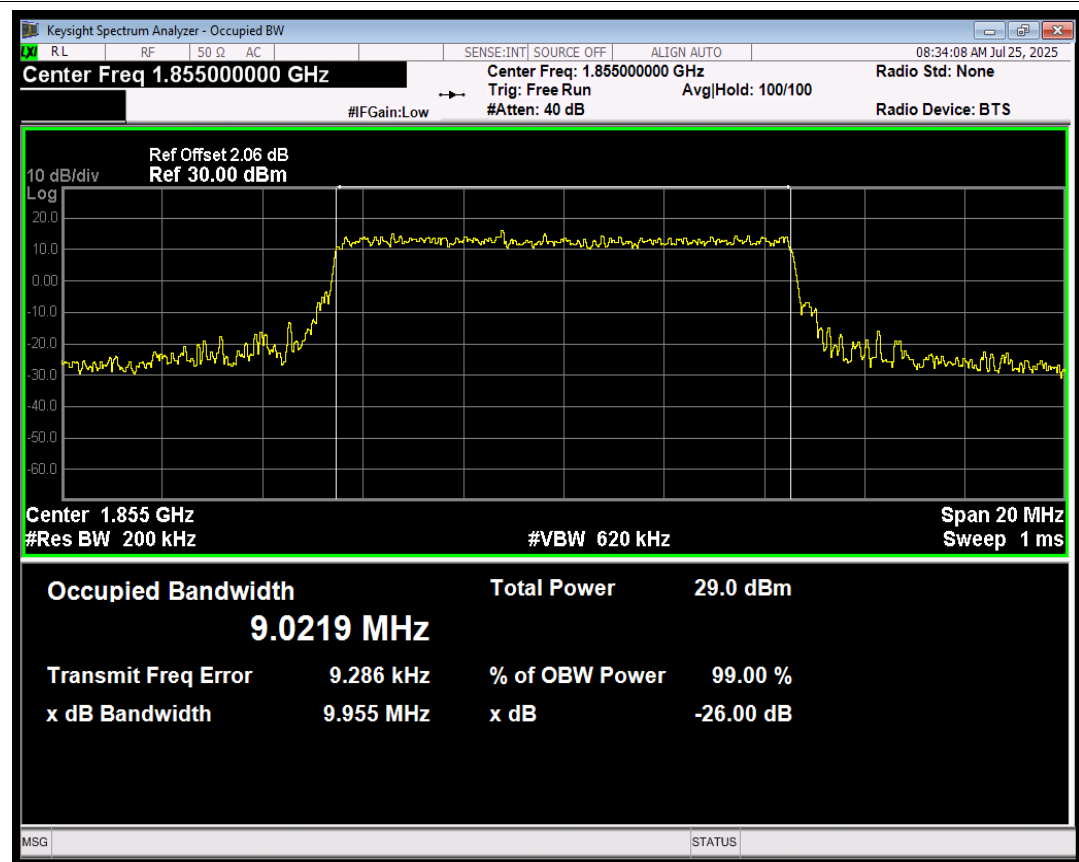
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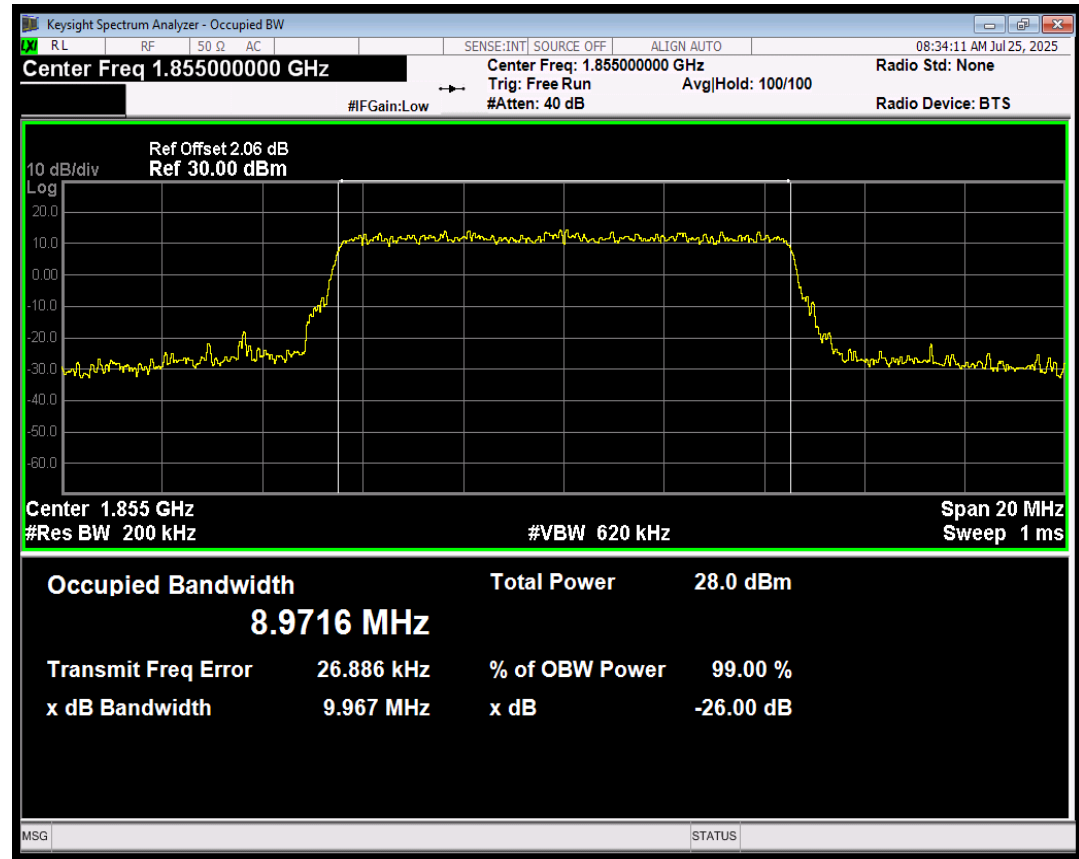
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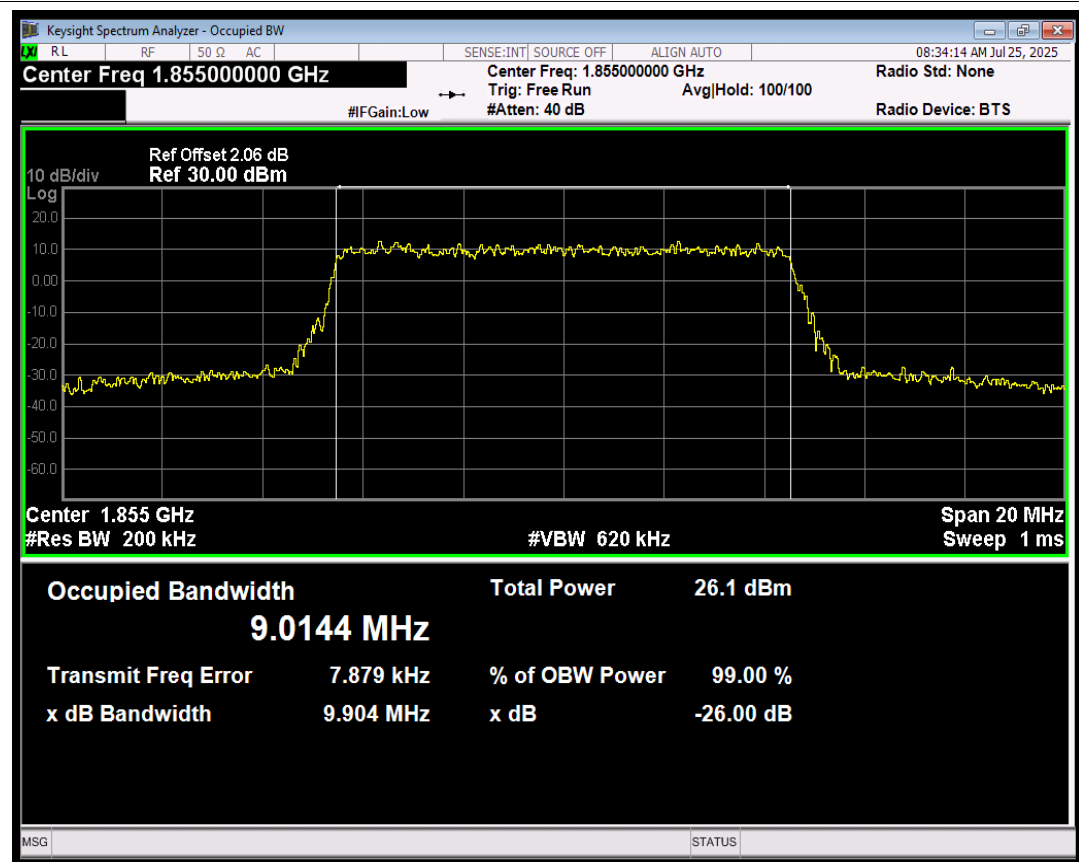
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



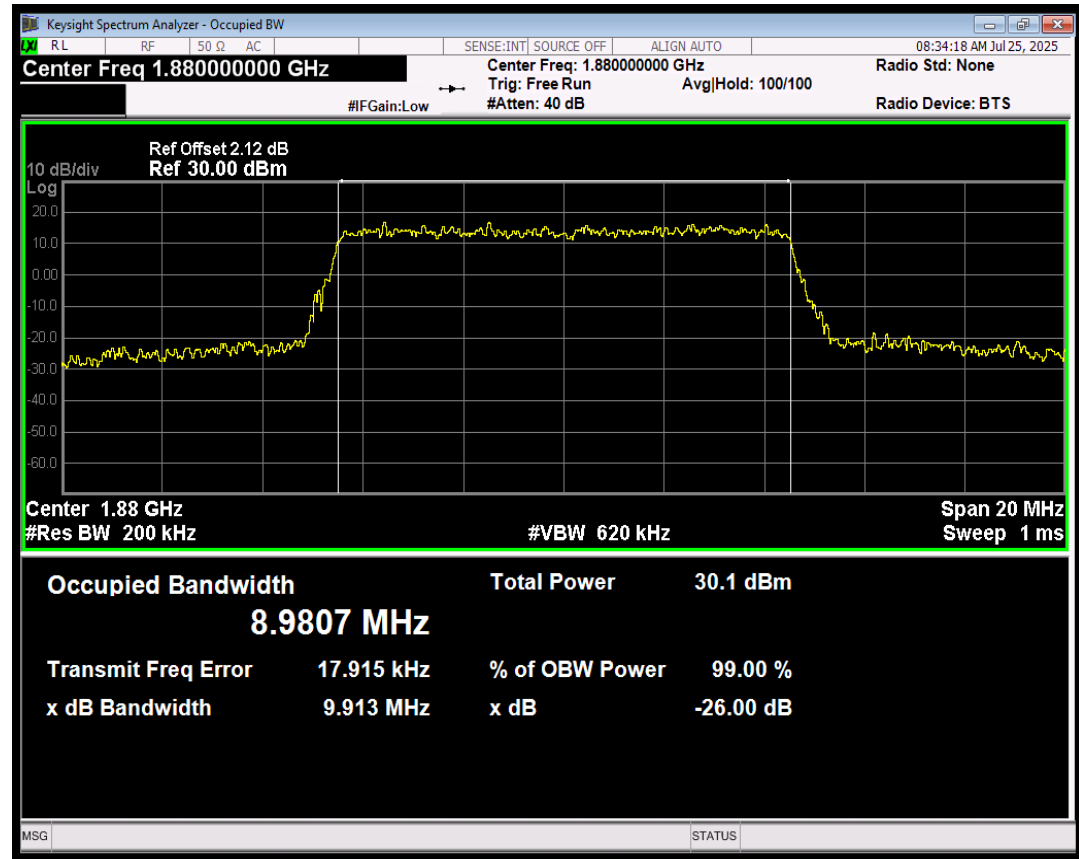
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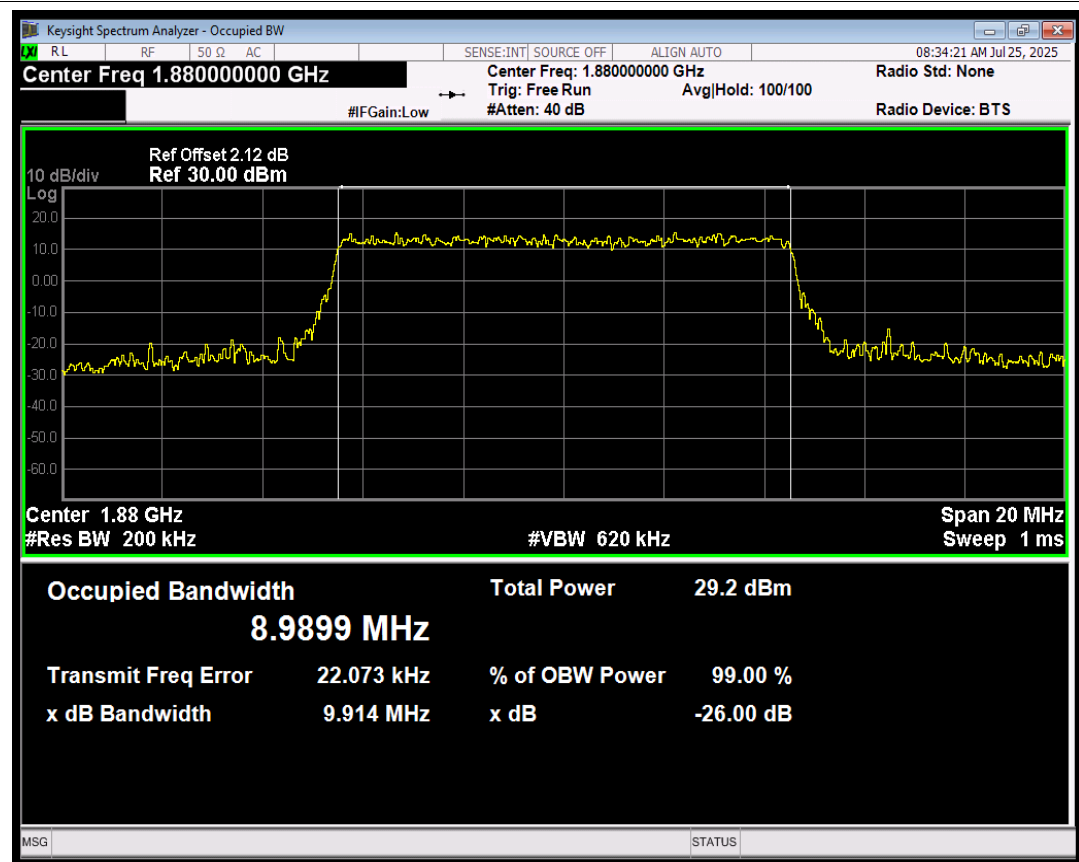
Band2 64QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



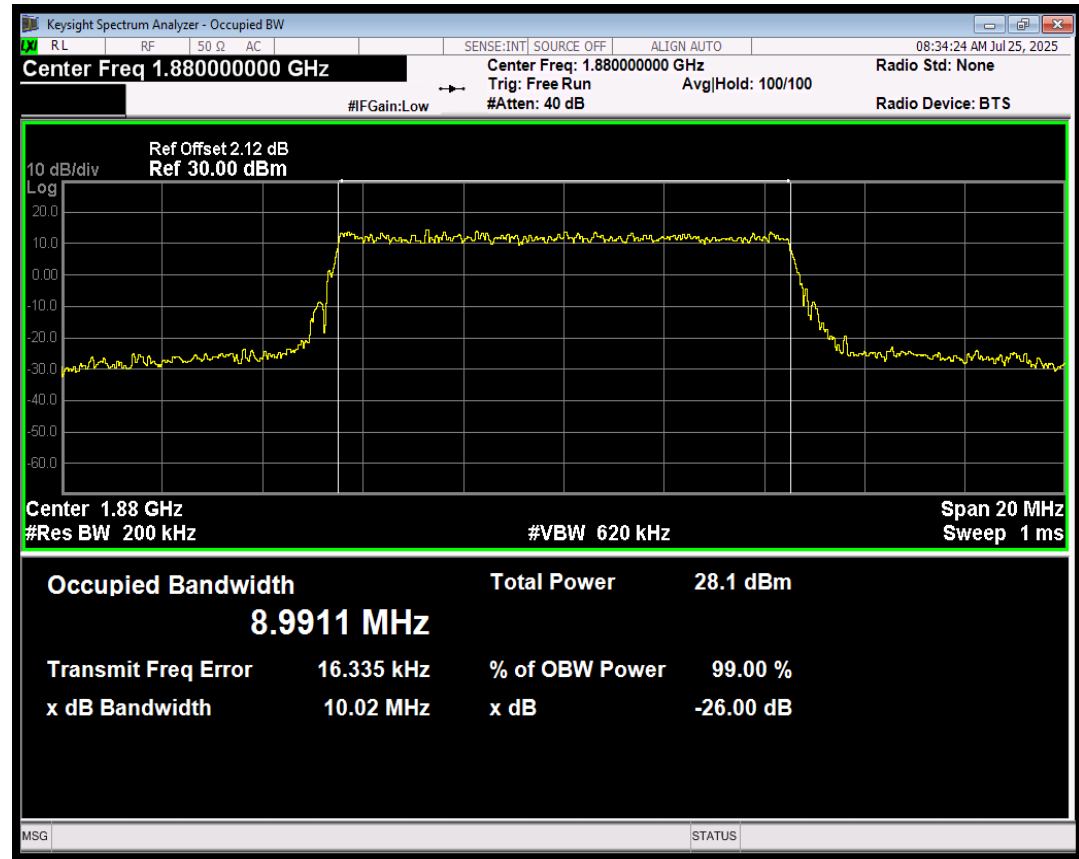
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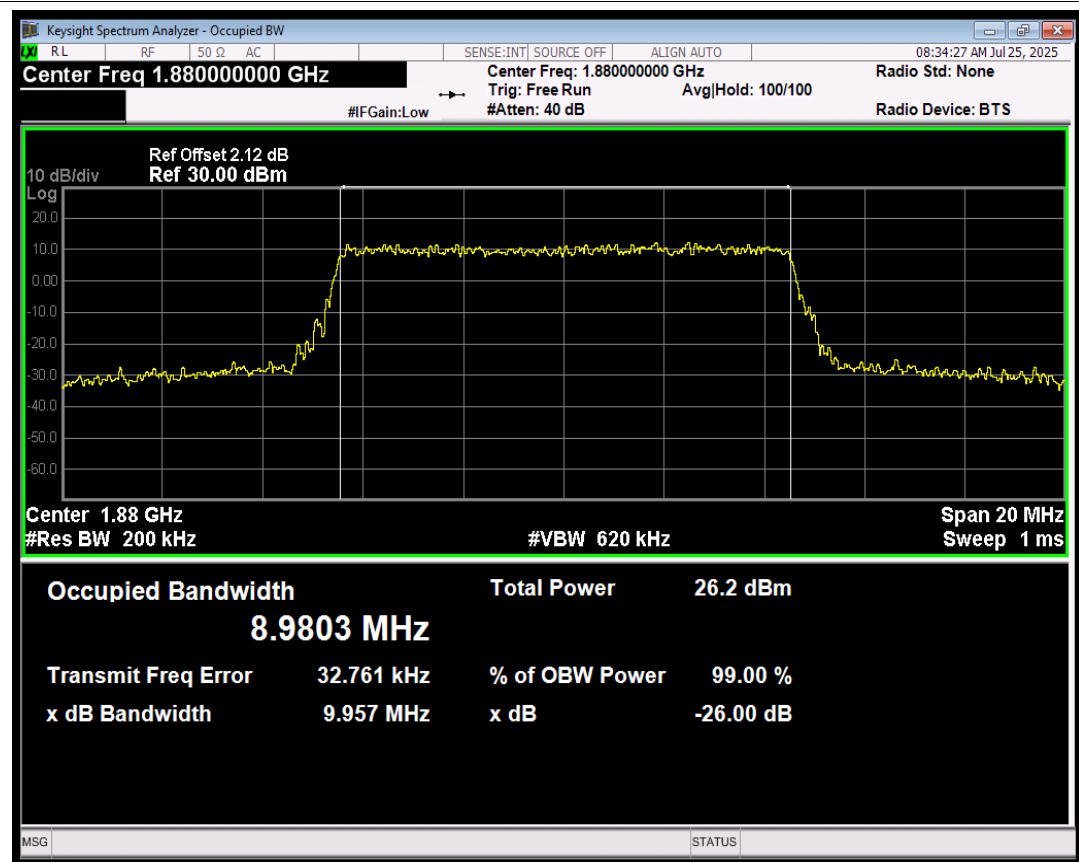
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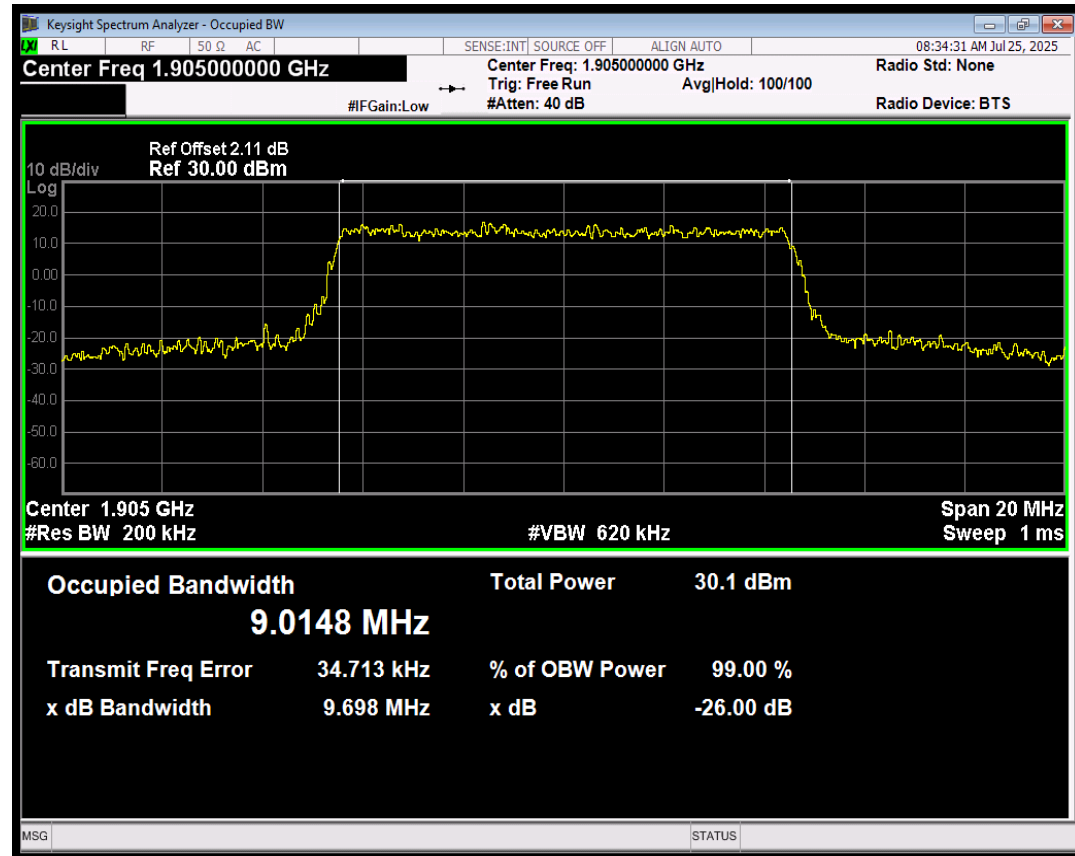
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



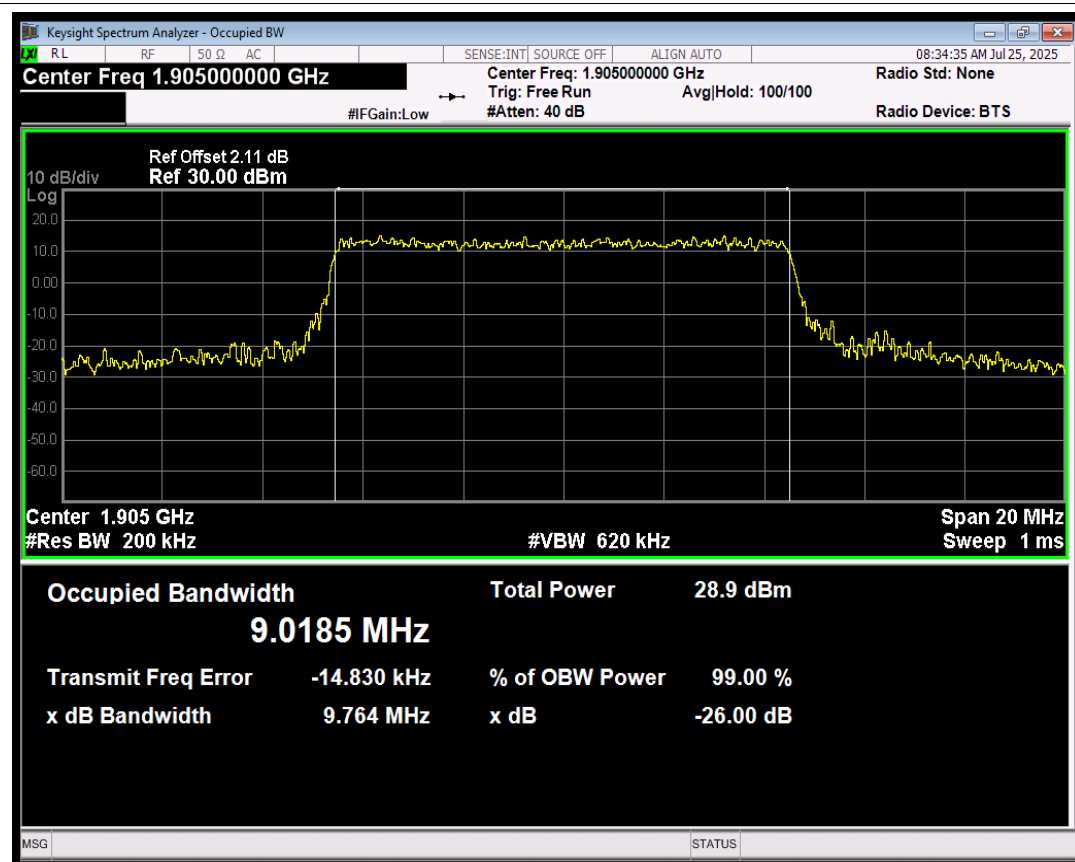
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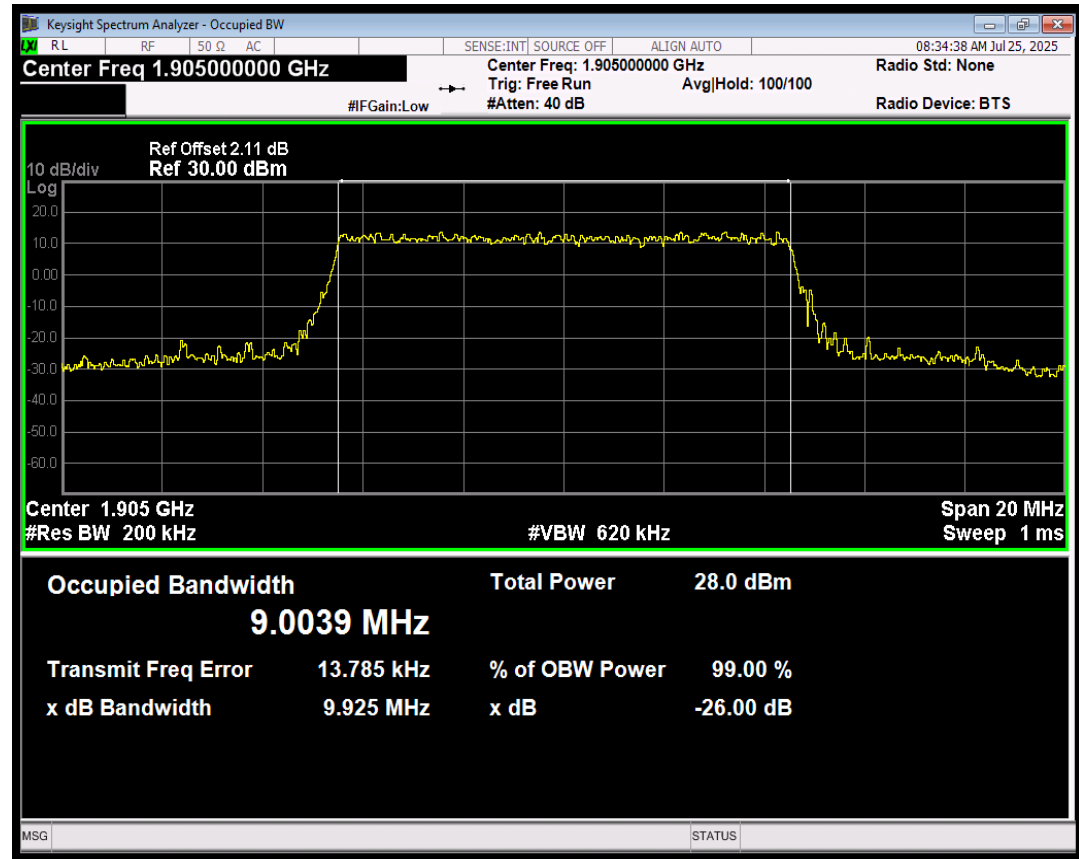
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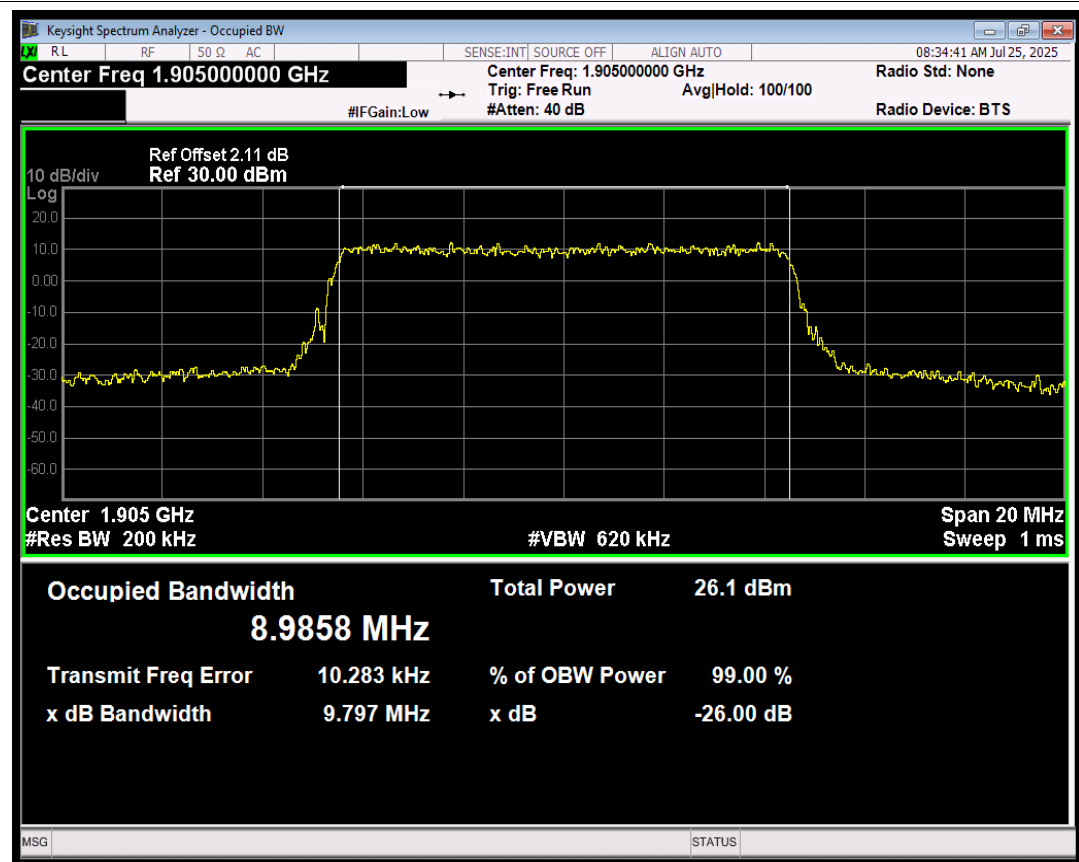
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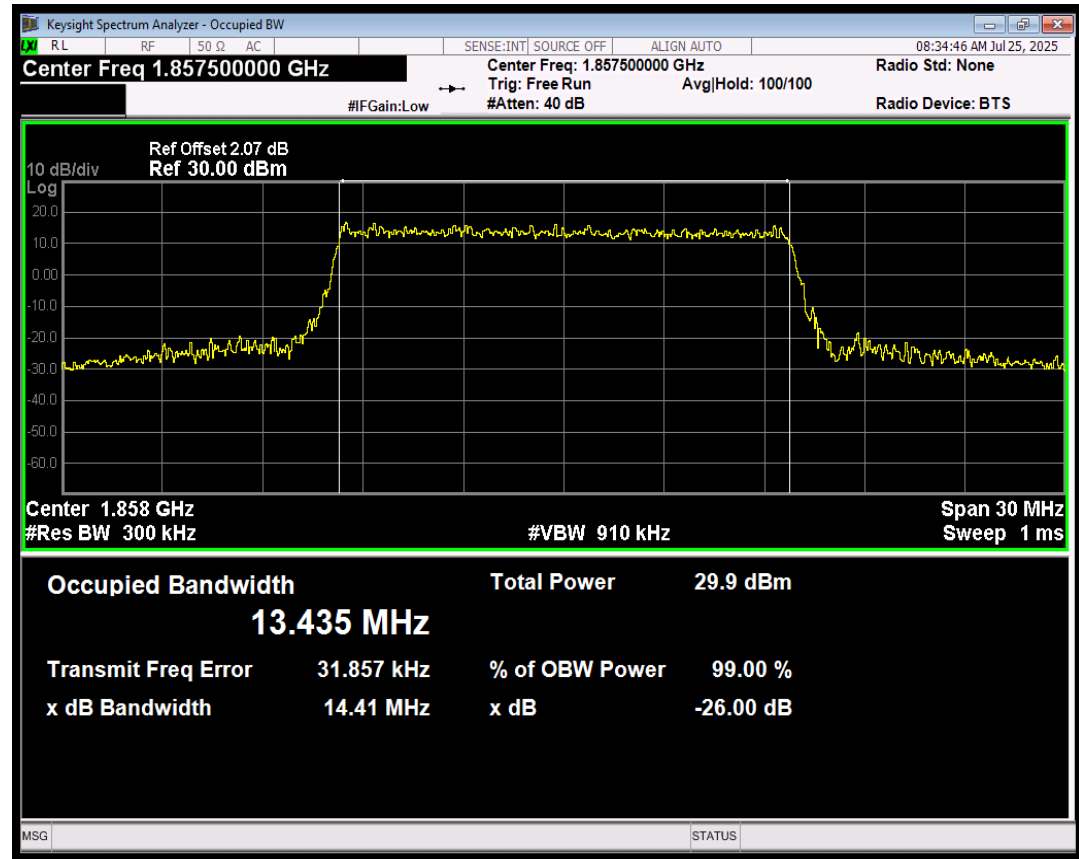
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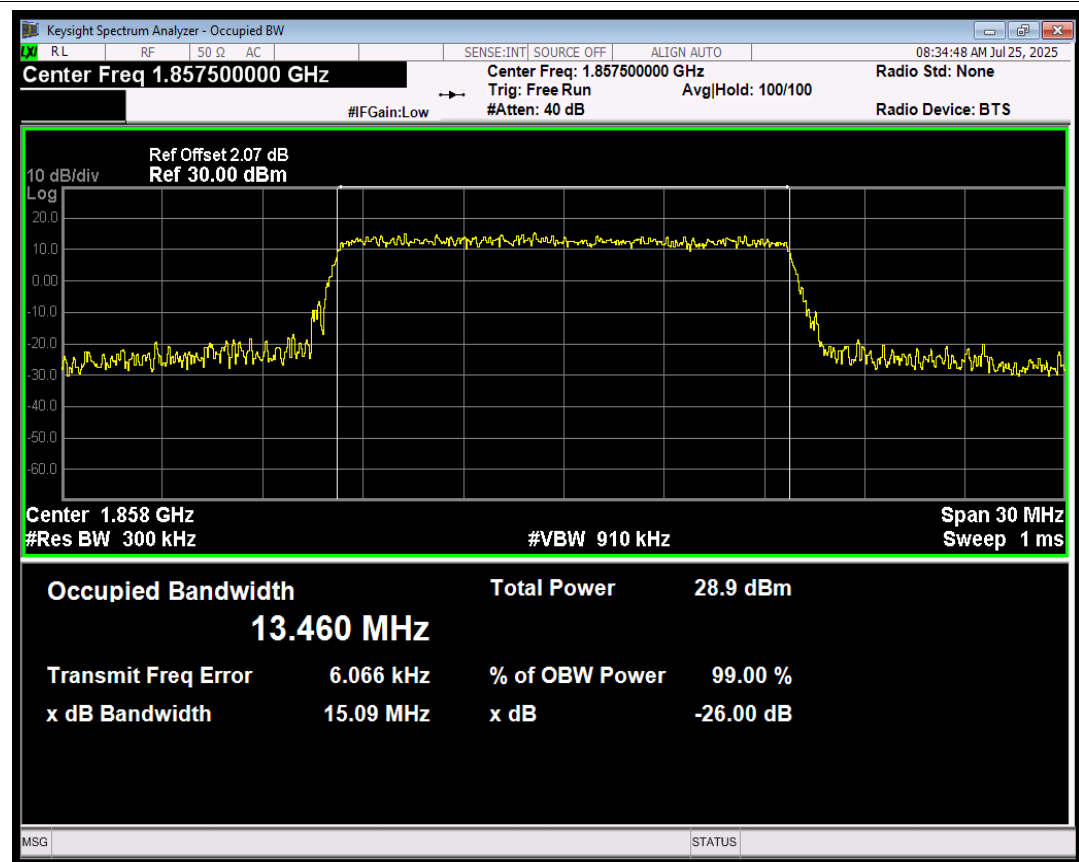
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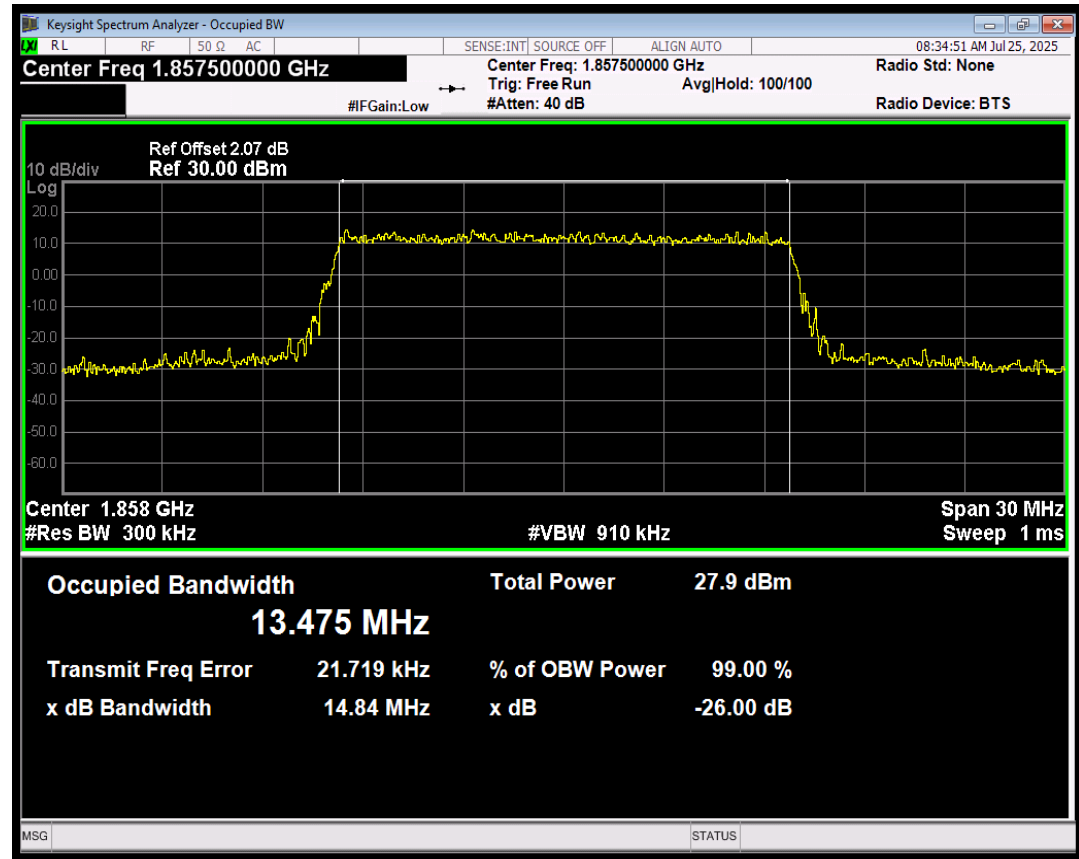
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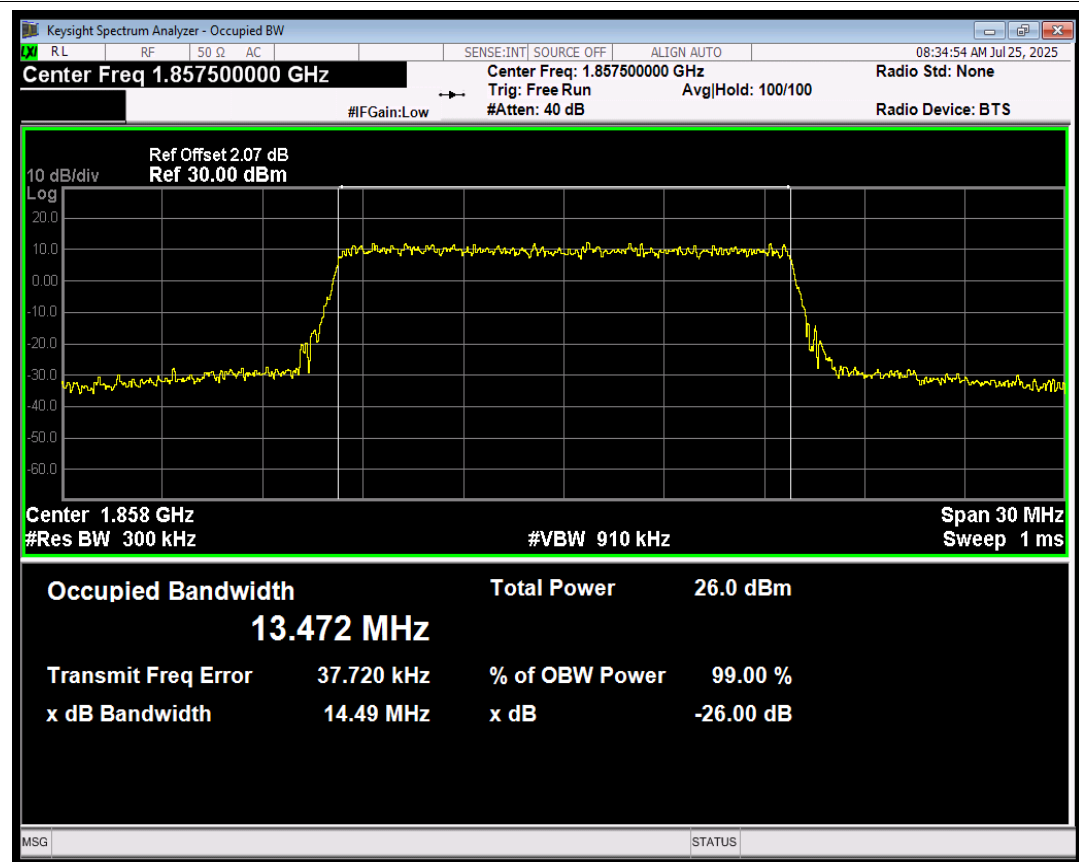
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



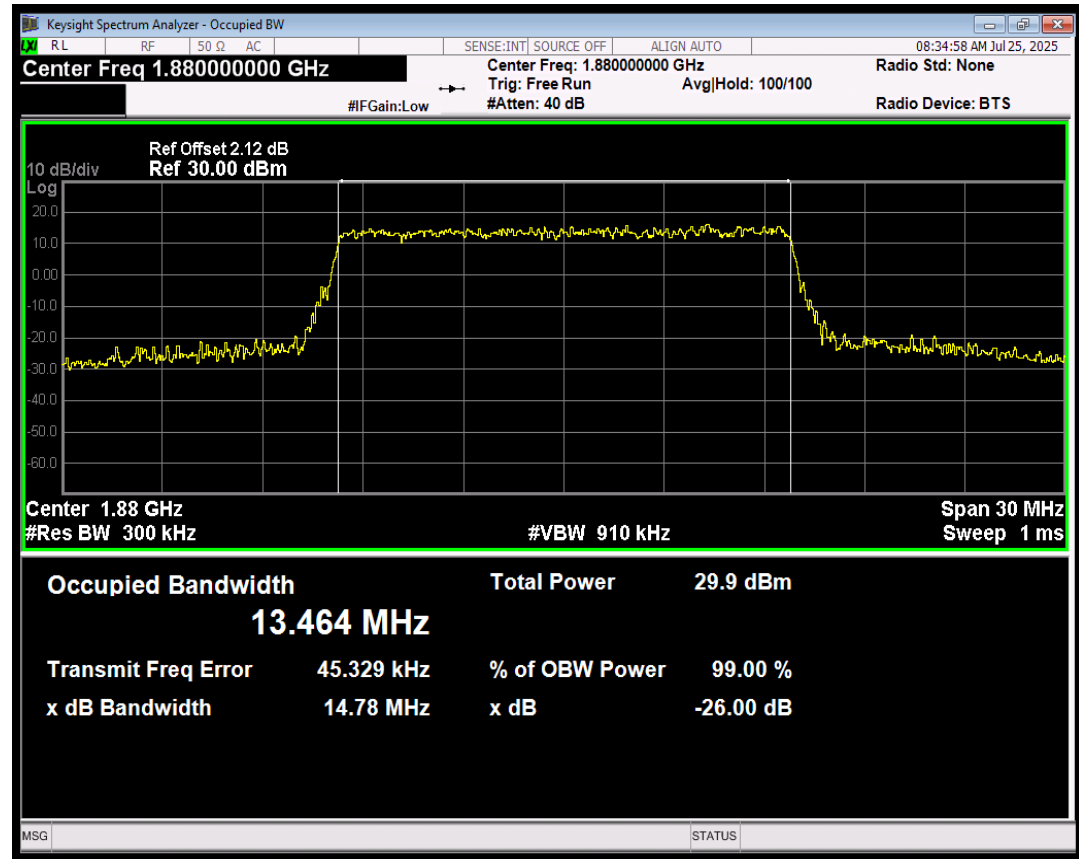
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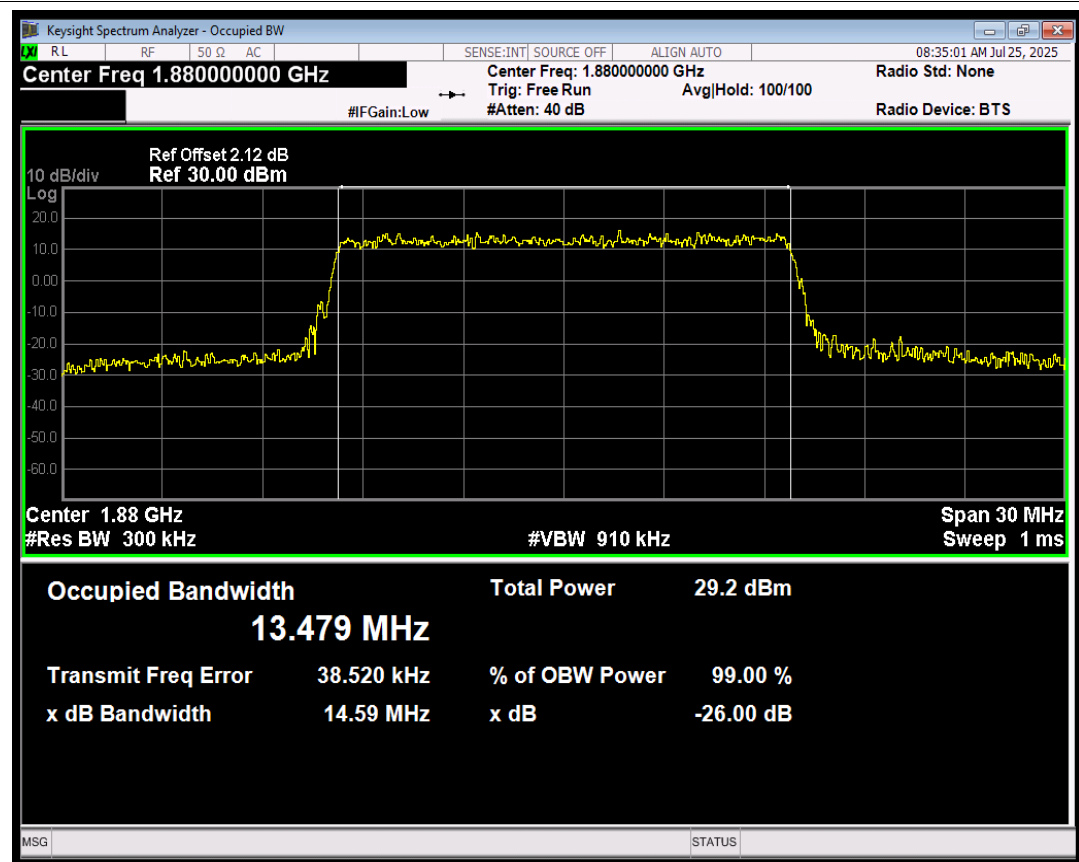
Band2 64QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



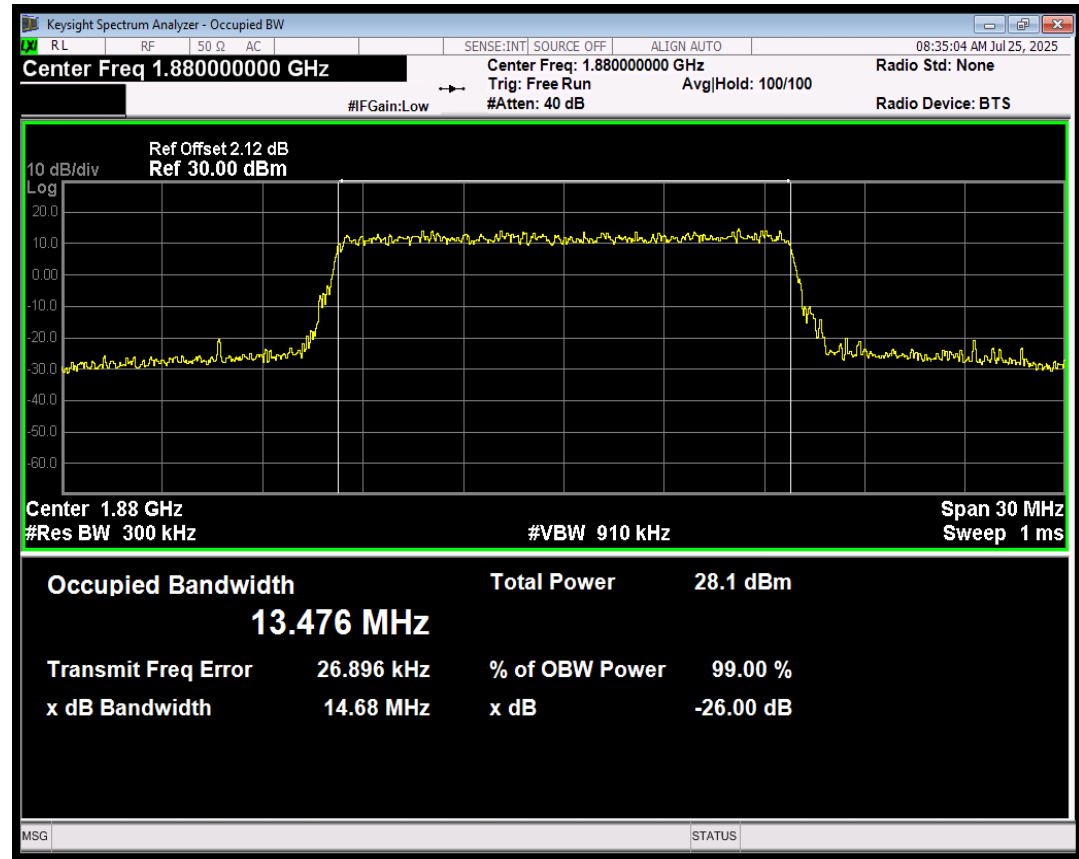
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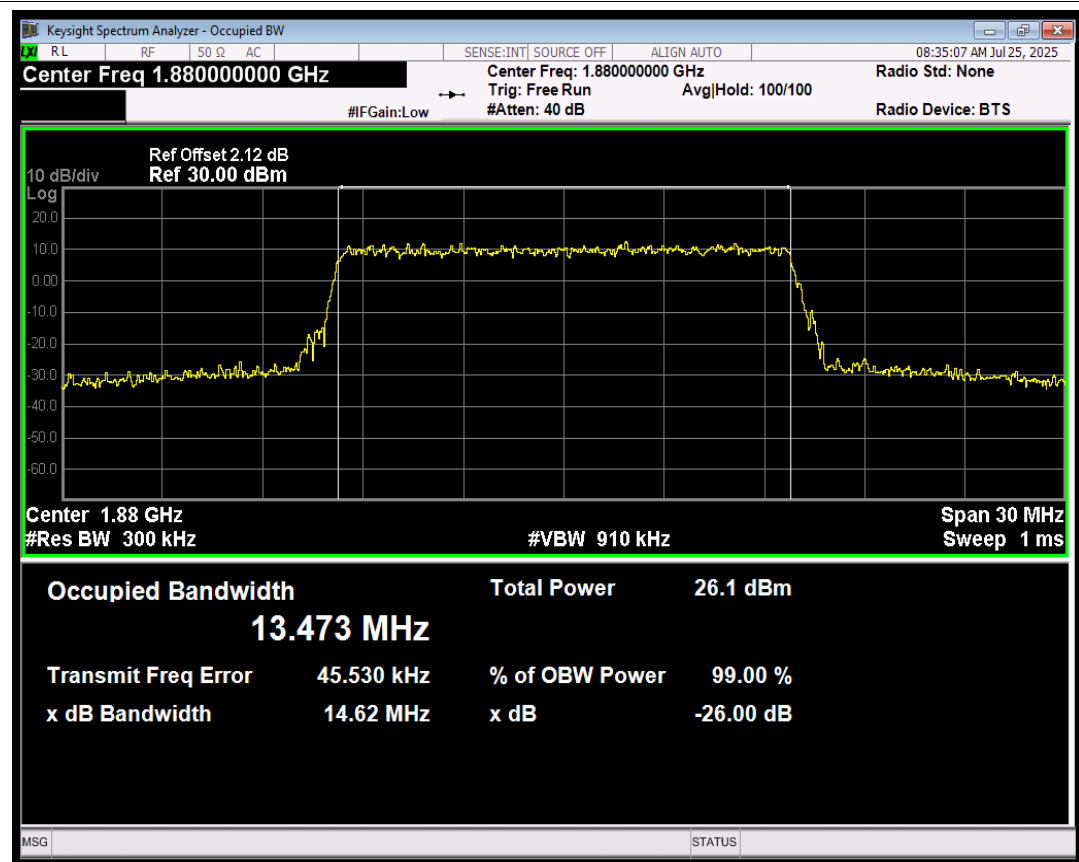
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



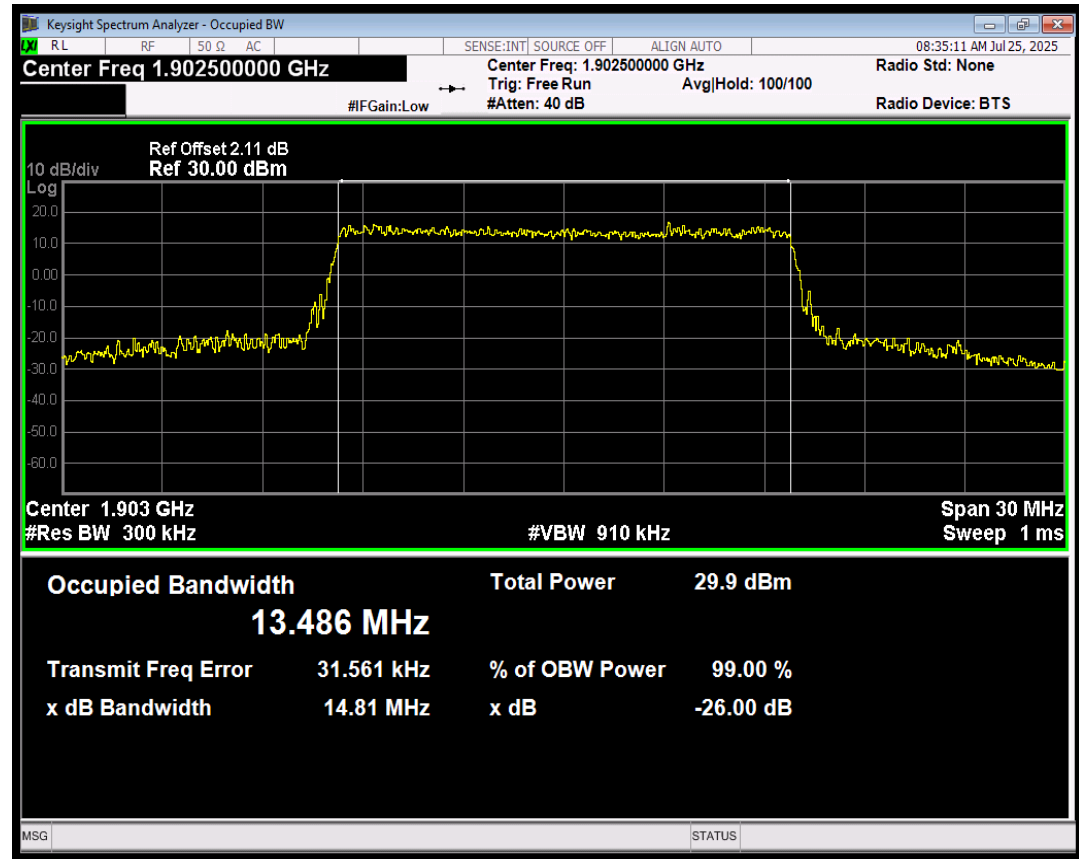
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



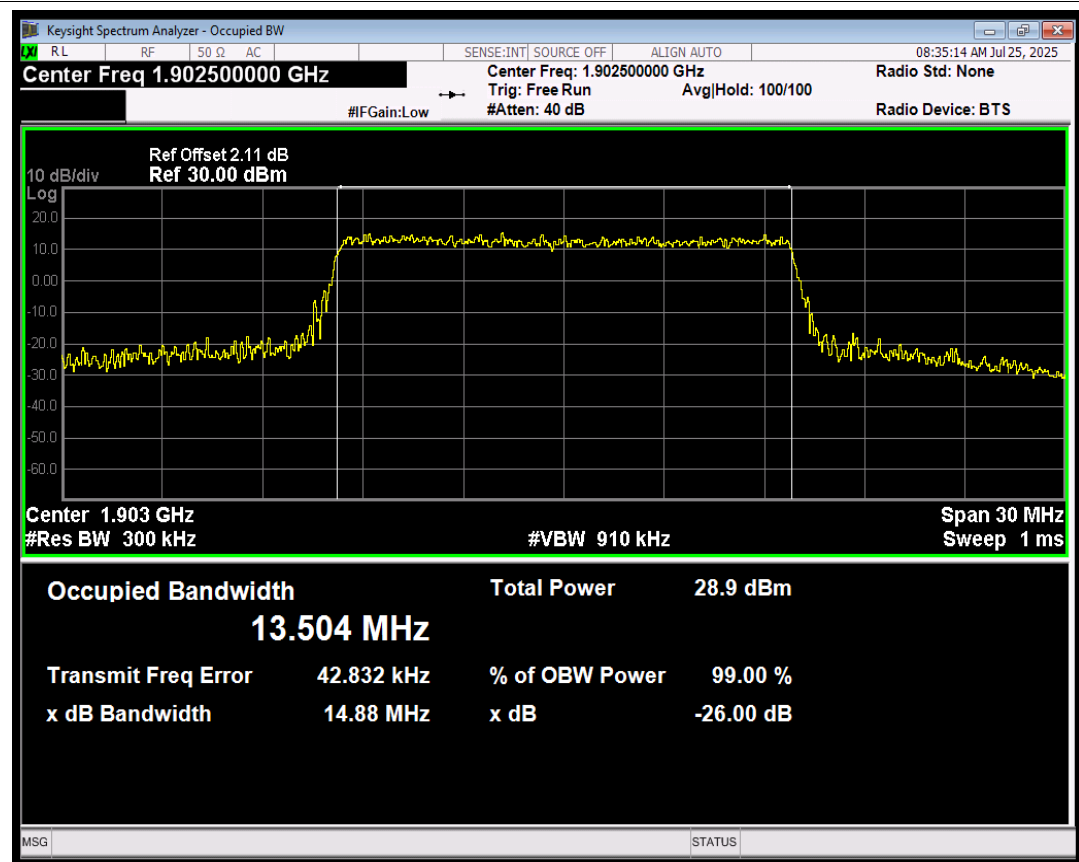
Band2 64QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



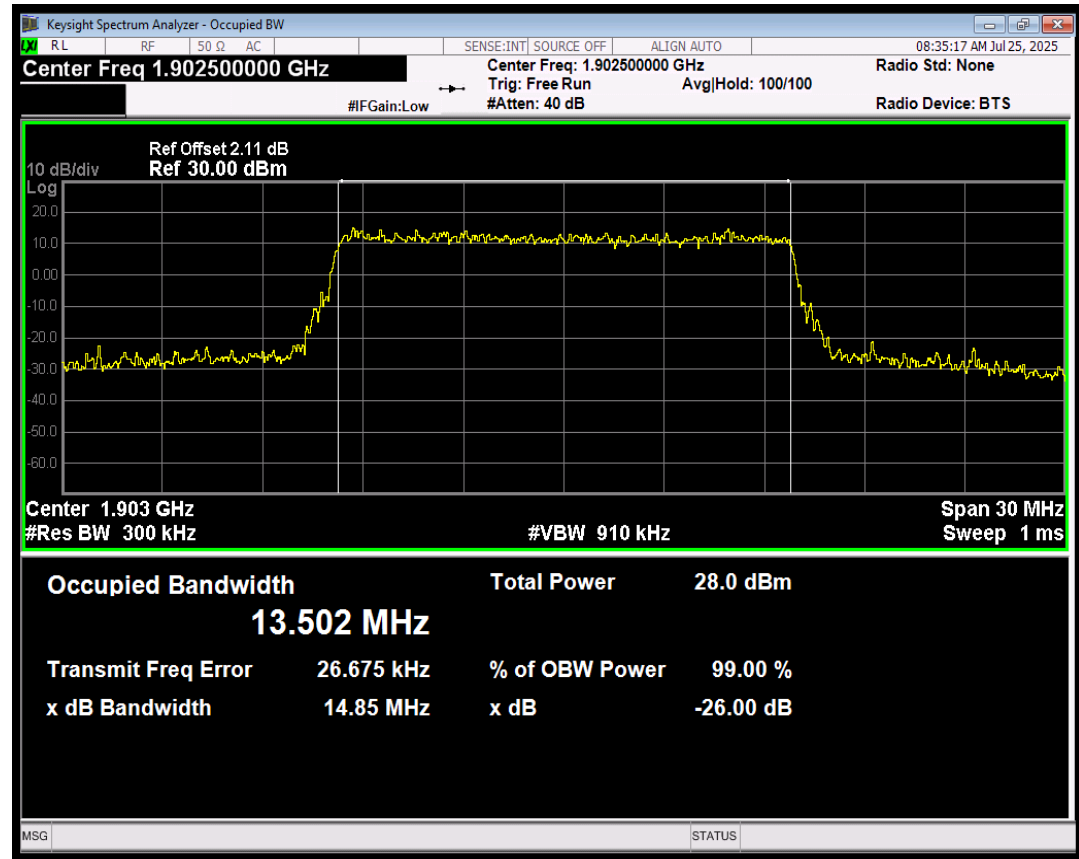
Band2 256QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



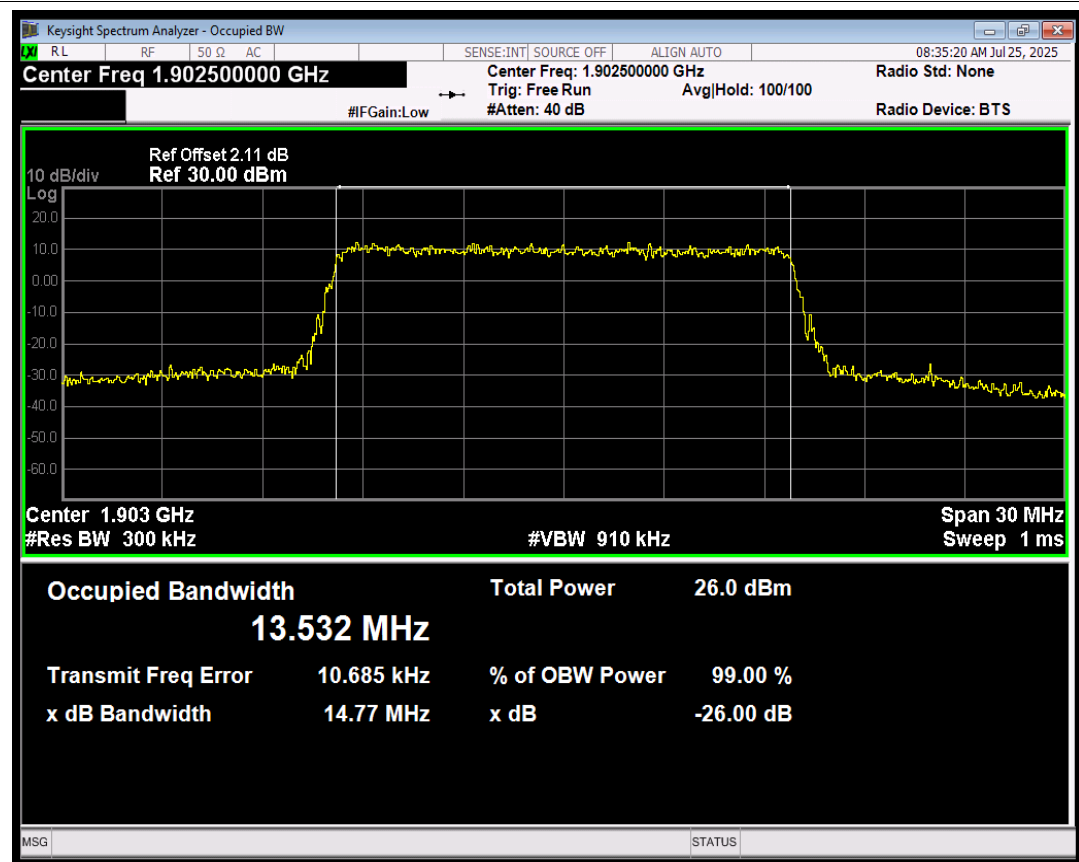
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



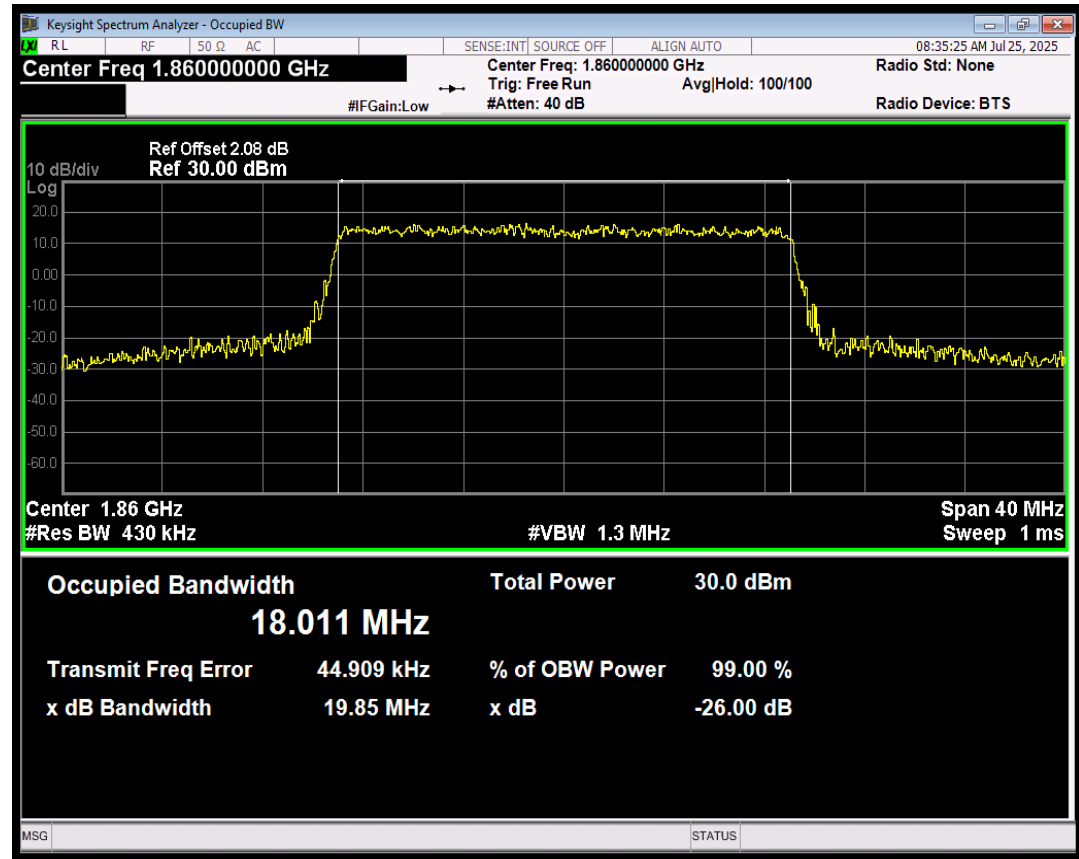
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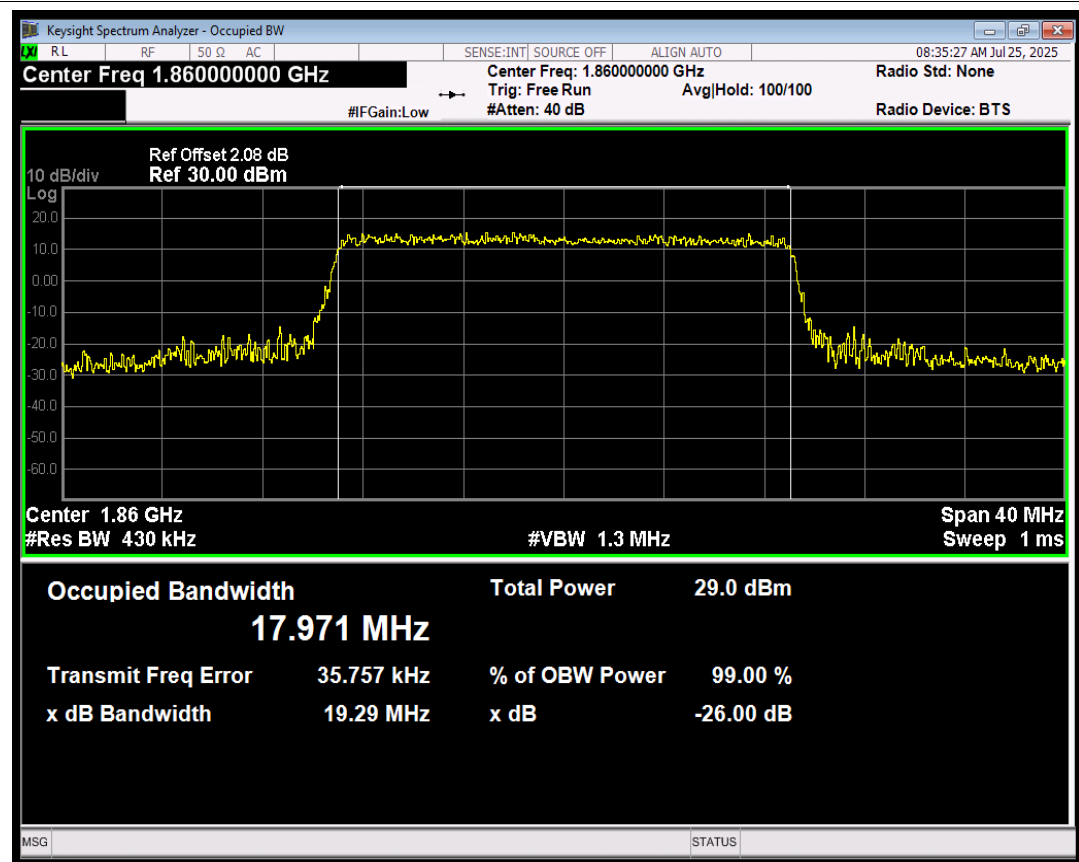
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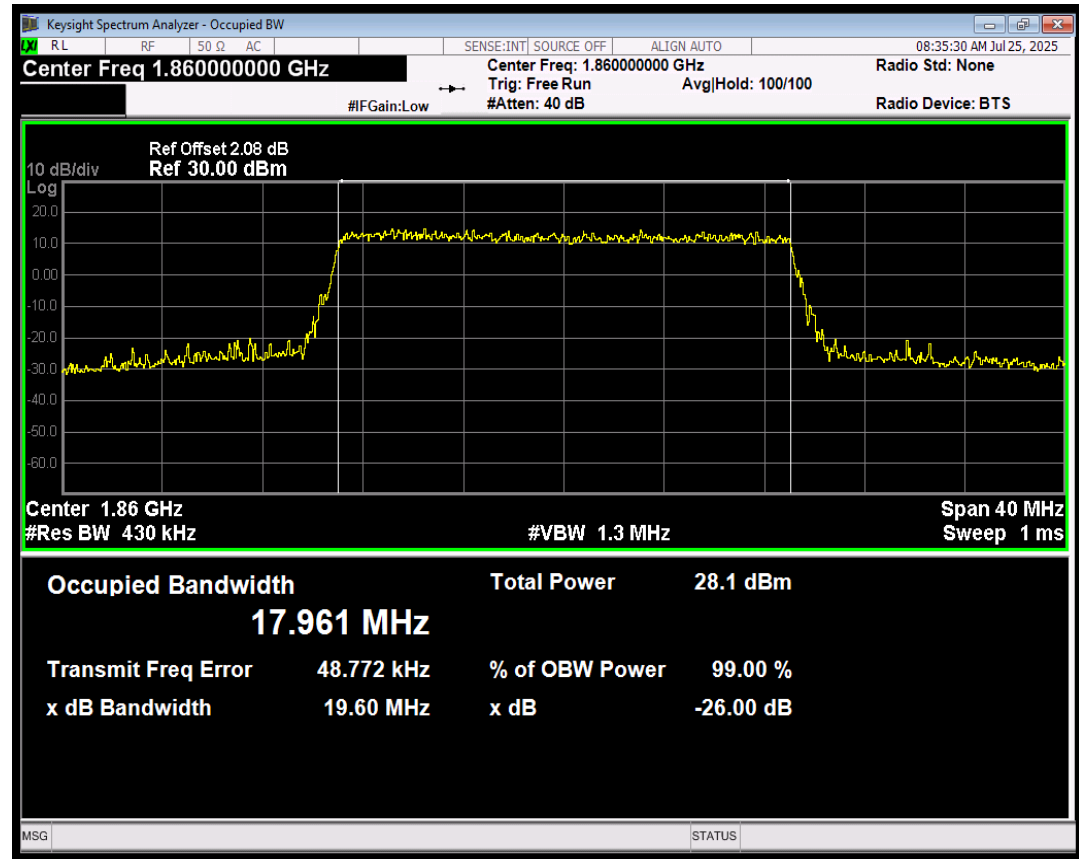
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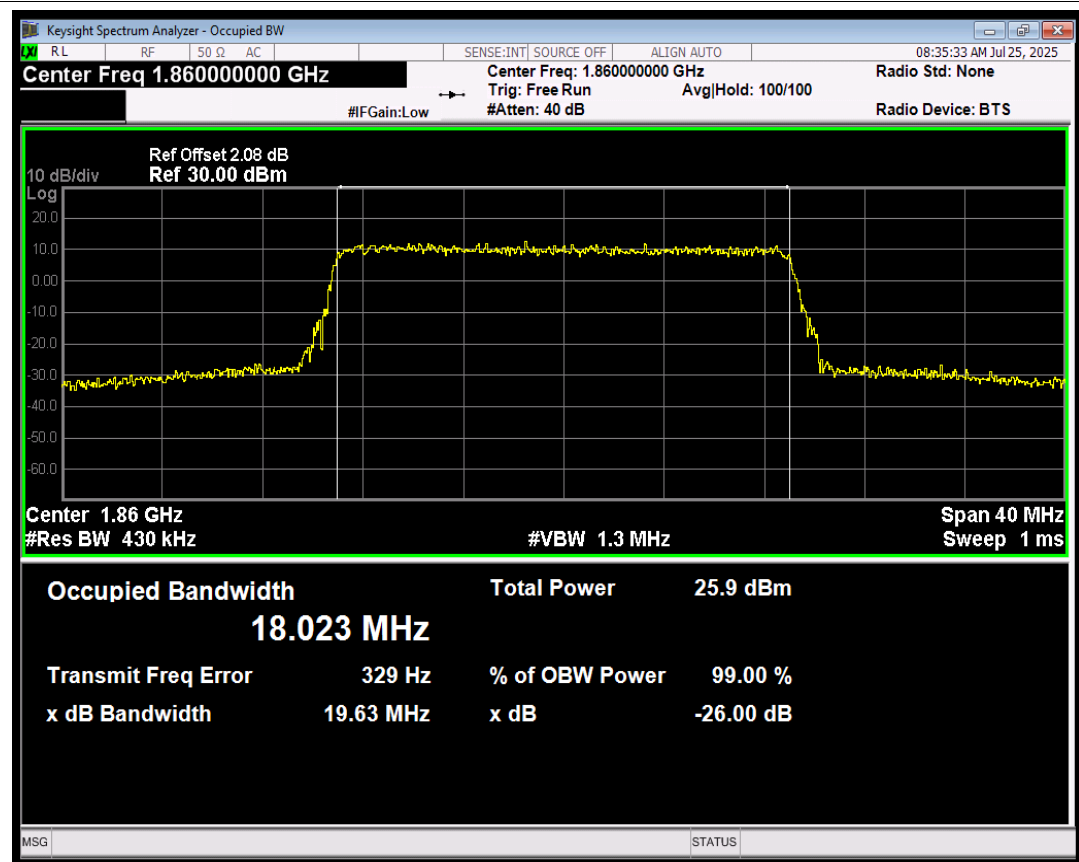
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



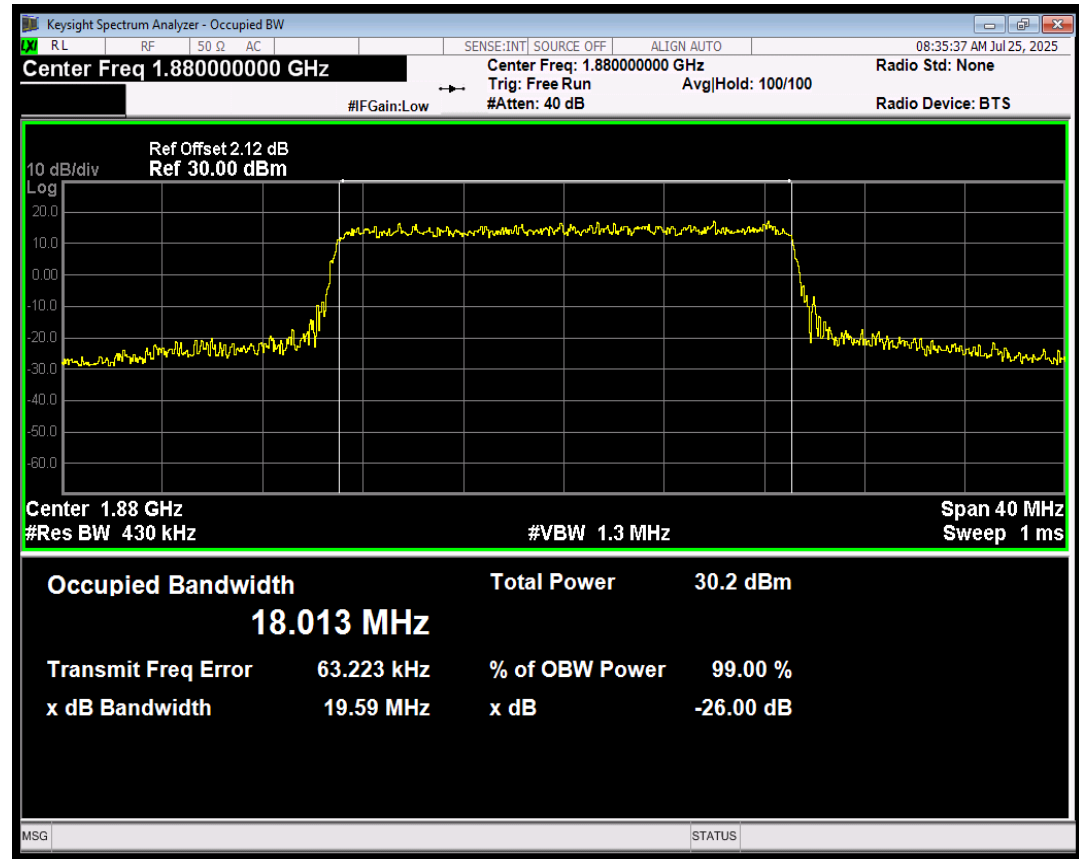
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



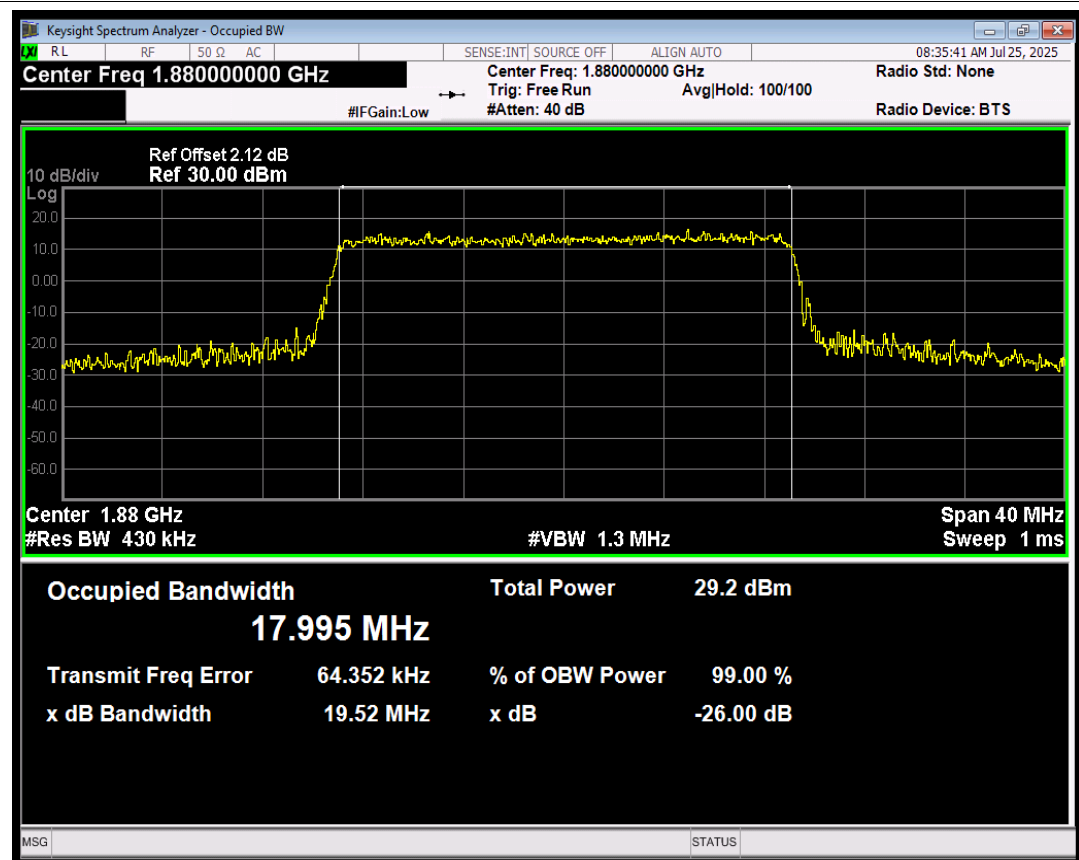
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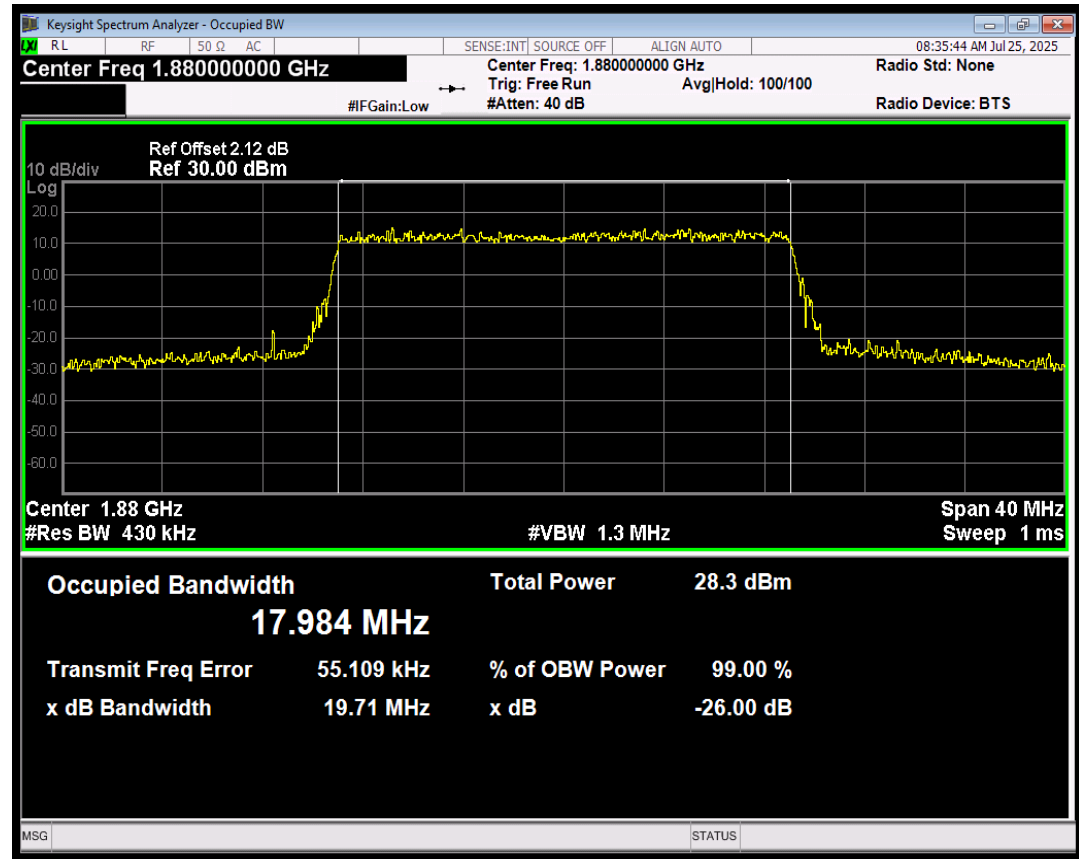
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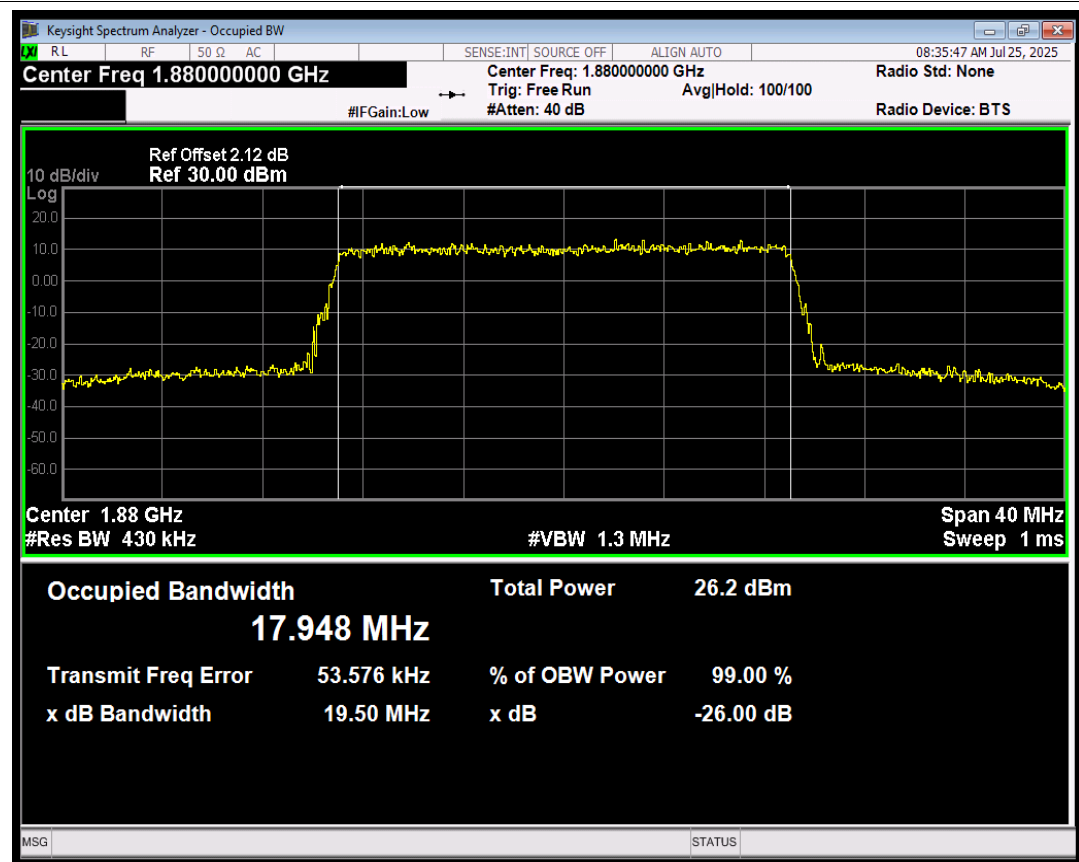
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



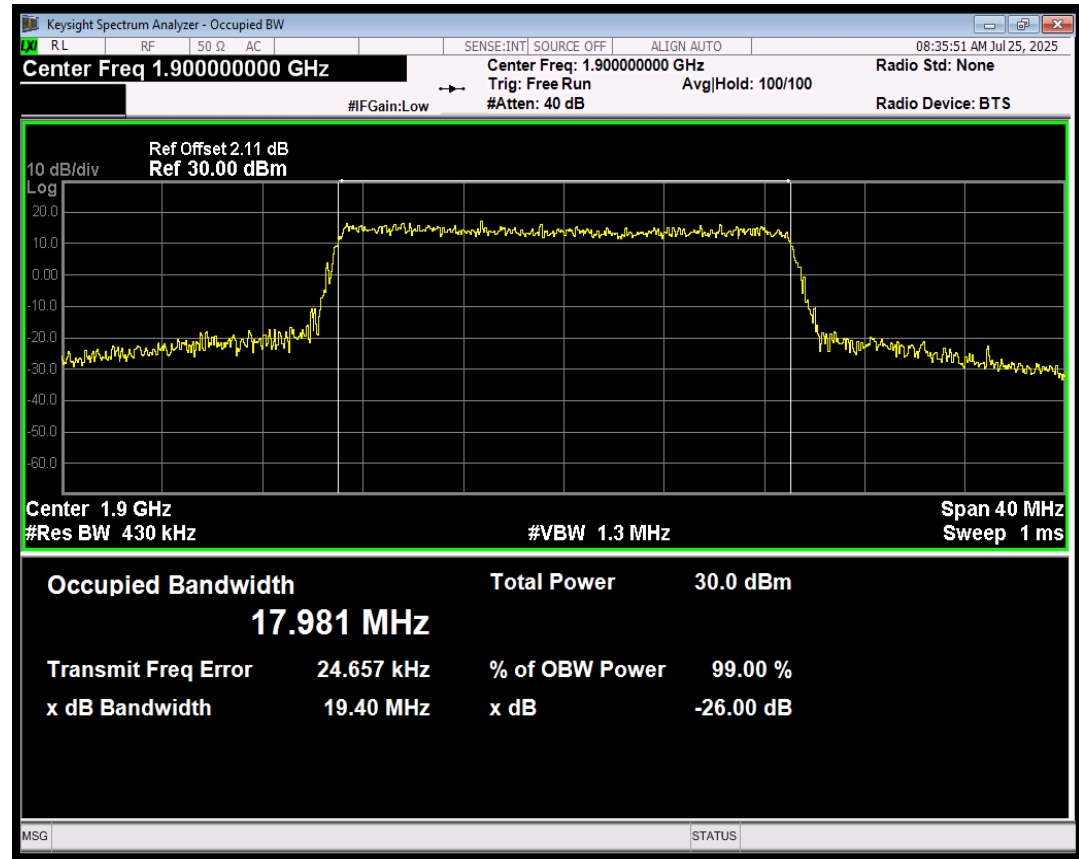
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



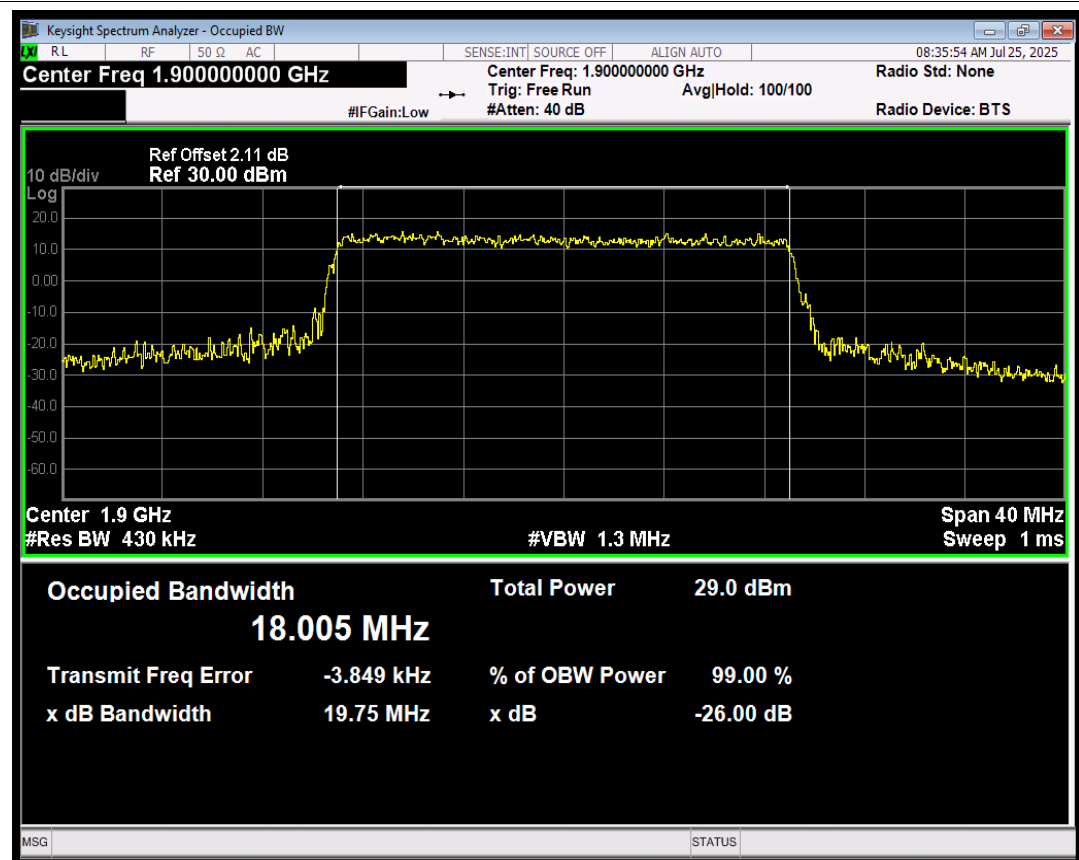
Band2 64QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 256QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0