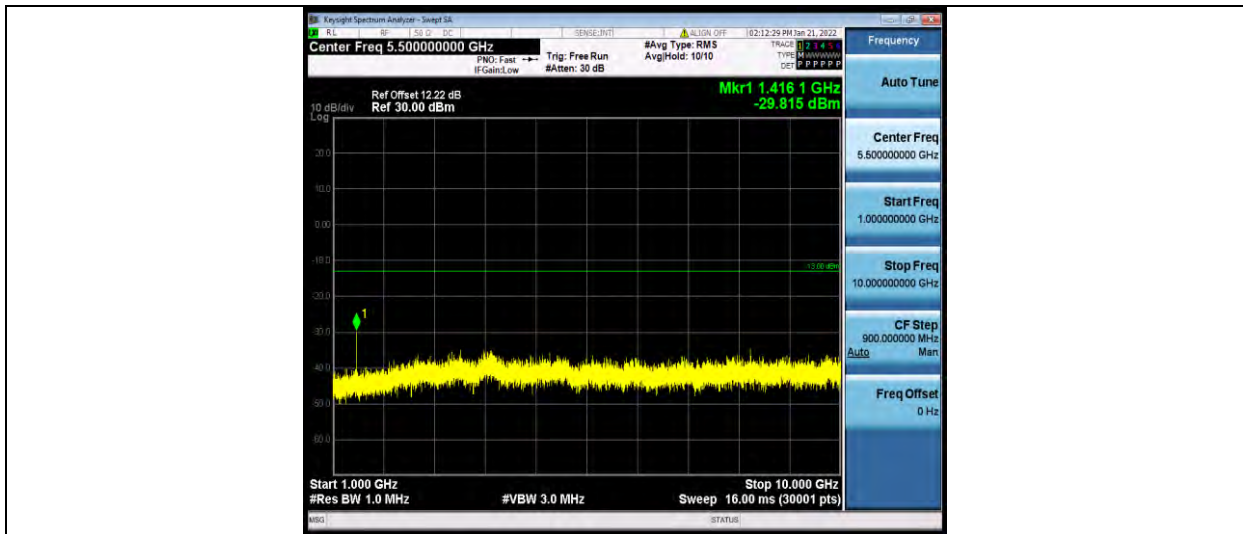


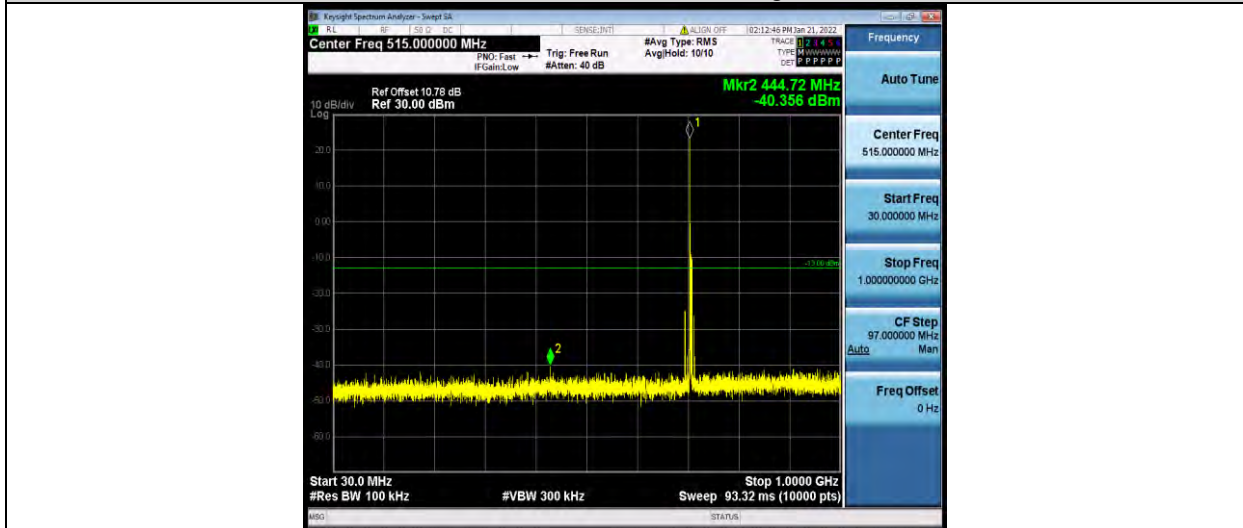


BUREAU VERITAS

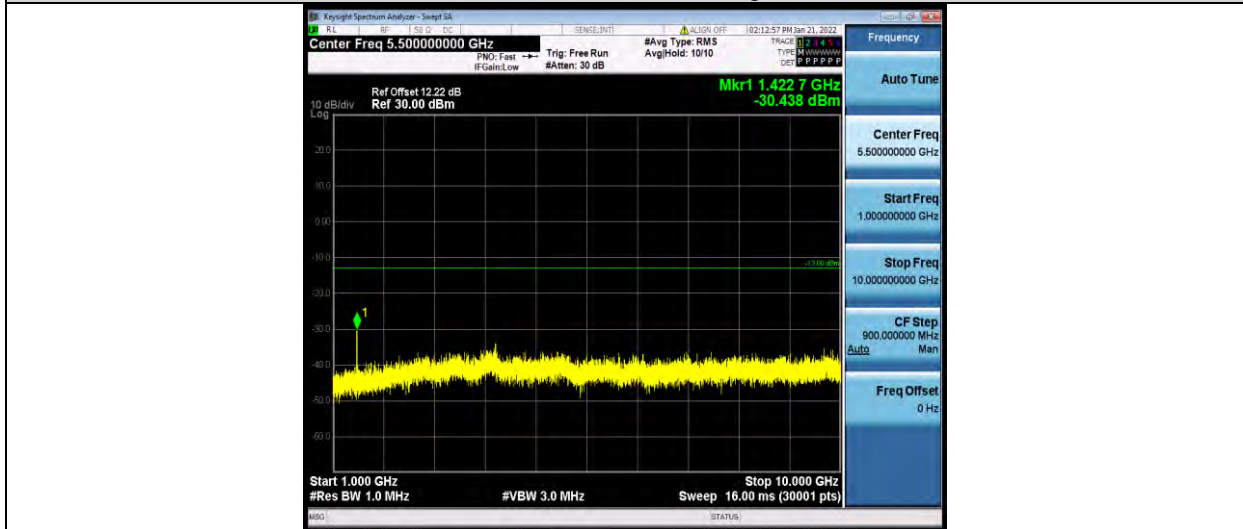
Test Report No.: W7L-P21120038RF05



Band17-5MHz-64QAM-23825-1RB#0-Range1:30~1000MHz



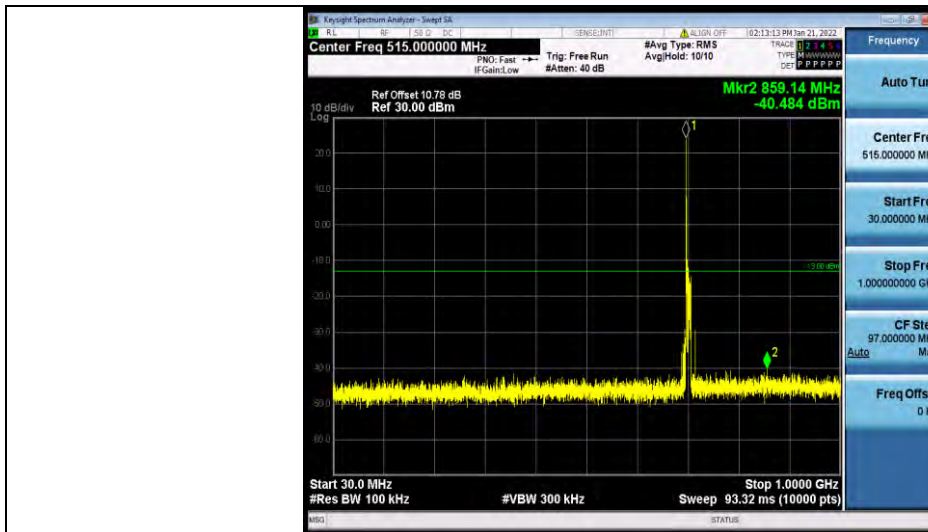
Band17-5MHz-64QAM-23825-1RB#0-Range2:1000~1000MHz



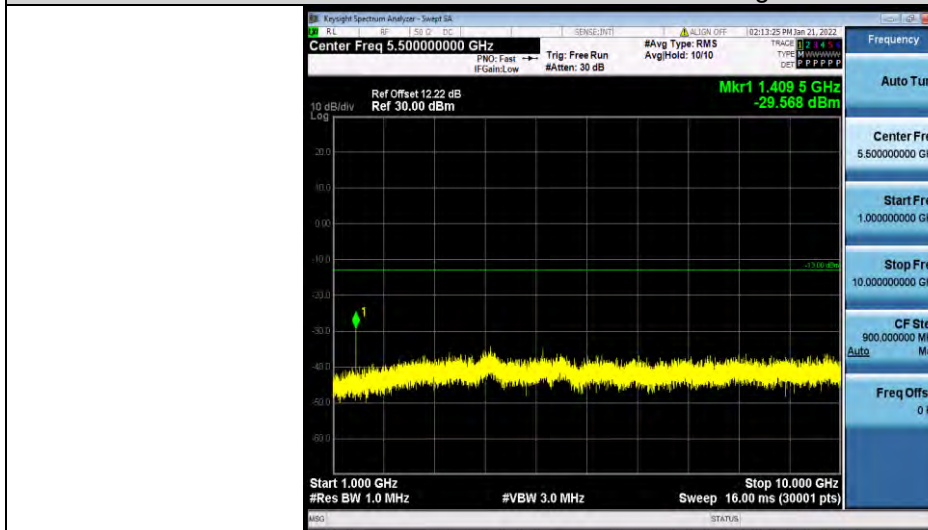
Band17-10MHz-64QAM-23780-1RB#0-Range1:30~1000MHz



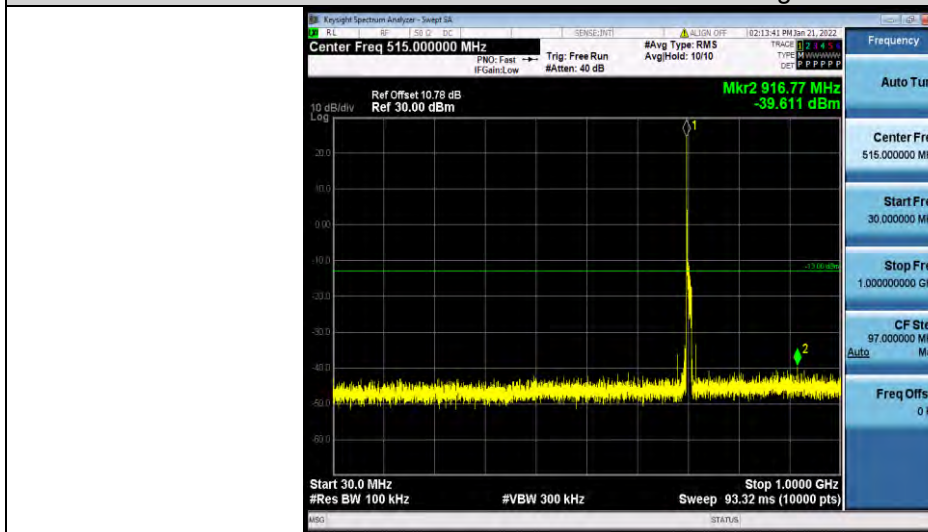
Test Report No.: W7L-P21120038RF05



Band17-10MHz-64QAM-23780-1RB#0-Range2:1000~10000MHz



Band17-10MHz-64QAM-23790-1RB#0-Range1:30~1000MHz

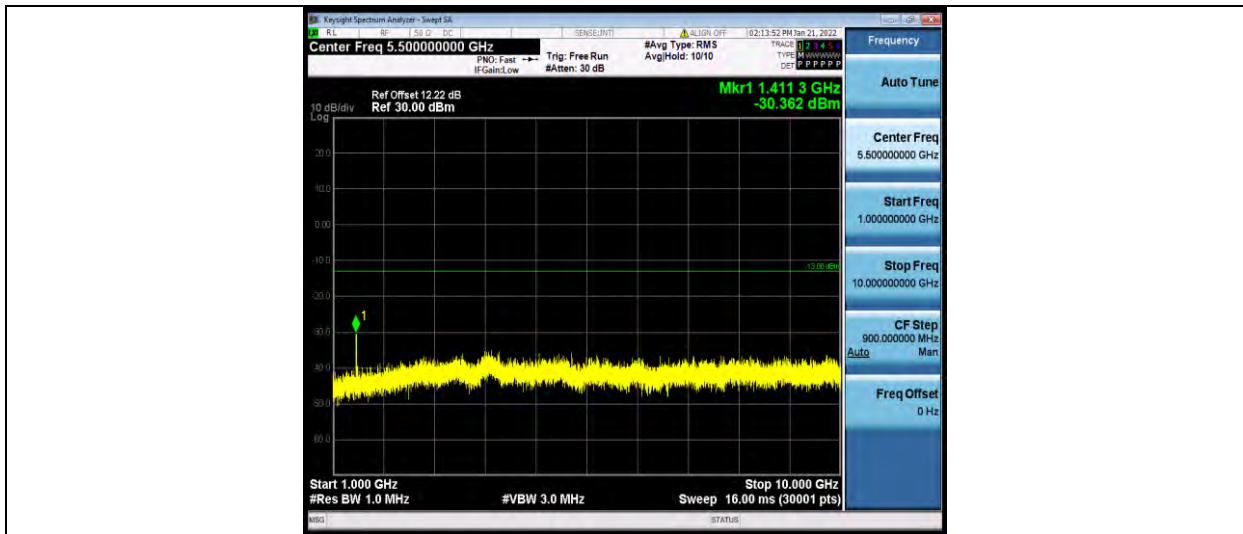


Band17-10MHz-64QAM-23790-1RB#0-Range2:1000~10000MHz

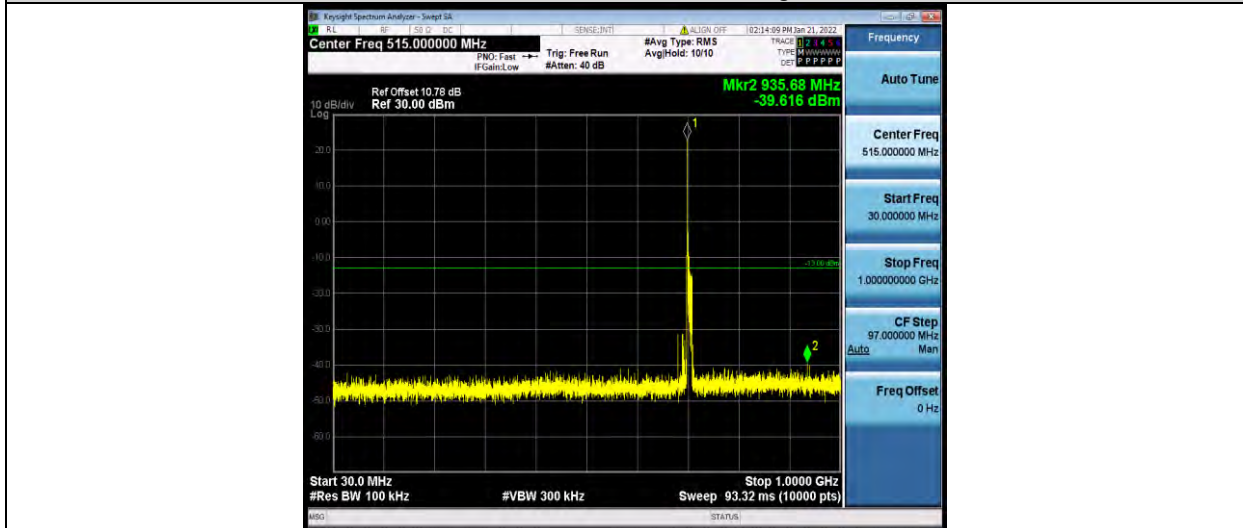


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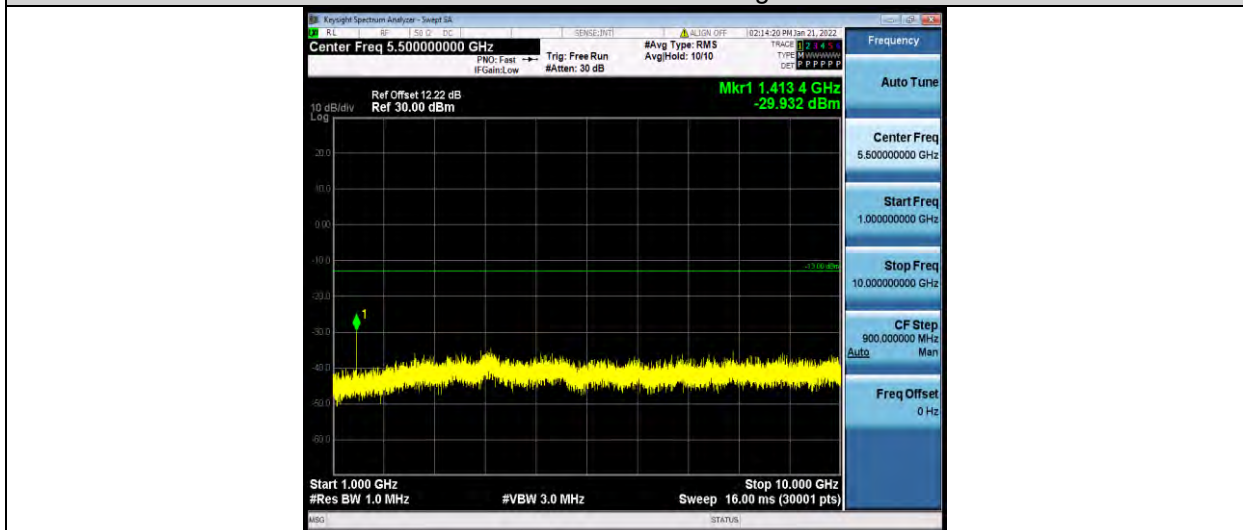
Test Report No.: W7L-P21120038RF05



Band17-10MHz-64QAM-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-64QAM-23800-1RB#0-Range2:1000~10000MHz





FREQUENCY STABILITY

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage | | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| | | | | | Voltage [Vdc] | Temperature (°C) | | | | |
| Band1_7 | 5MHz | QPSK | 23755 | 25RB#0 | VL | NT | 15.88 | 0.022477 | ±2.5 | PASS |
| Band1_7 | 5MHz | QPSK | 23755 | 25RB#0 | VN | NT | 7.42 | 0.010502 | ±2.5 | PASS |
| Band1_7 | 5MHz | QPSK | 23755 | 25RB#0 | VH | NT | 17.85 | 0.025265 | ±2.5 | PASS |
| Band1_7 | 5MHz | QPSK | 23790 | 25RB#0 | VL | NT | 17.65 | 0.024859 | ±2.5 | PASS |
| Band1_7 | 5MHz | QPSK | 23790 | 25RB#0 | VN | NT | 14.25 | 0.020070 | ±2.5 | PASS |
| Band1_7 | 5MHz | QPSK | 23790 | 25RB#0 | VH | NT | 8.60 | 0.012113 | ±2.5 | PASS |
| Band1_7 | 5MHz | QPSK | 23825 | 25RB#0 | VL | NT | 14.31 | 0.020056 | ±2.5 | PASS |
| Band1_7 | 5MHz | QPSK | 23825 | 25RB#0 | VN | NT | 4.58 | 0.006419 | ±2.5 | PASS |
| Band1_7 | 5MHz | QPSK | 23825 | 25RB#0 | VH | NT | 13.93 | 0.019523 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23755 | 25RB#0 | VL | NT | 36.75 | 0.052017 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23755 | 25RB#0 | VN | NT | 33.87 | 0.047941 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23755 | 25RB#0 | VH | NT | 47.65 | 0.067445 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23790 | 25RB#0 | VL | NT | -35.85 | -0.050493 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23790 | 25RB#0 | VN | NT | -36.46 | -0.051352 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23790 | 25RB#0 | VH | NT | -31.76 | -0.044732 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23825 | 25RB#0 | VL | NT | 13.43 | 0.018823 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23825 | 25RB#0 | VN | NT | 9.51 | 0.013329 | ±2.5 | PASS |
| Band1_7 | 5MHz | 16QAM | 23825 | 25RB#0 | VH | NT | 20.17 | 0.028269 | ±2.5 | PASS |
| Band1_7 | 10MHz | QPSK | 23780 | 50RB#0 | VL | NT | 17.92 | 0.025275 | ±2.5 | PASS |
| Band1_7 | 10MHz | QPSK | 23780 | 50RB#0 | VN | NT | 10.80 | 0.015233 | ±2.5 | PASS |
| Band1_7 | 10MHz | QPSK | 23780 | 50RB#0 | VH | NT | 19.77 | 0.027884 | ±2.5 | PASS |



BUREAU
VERITAS

Test Report No.: W7L-P21120038RF05

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|------------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| Band1 7 | 10MHz | QPSK | 23790 | 50RB#0 | VL | NT | 16.11 | 0.022690 | ±2.5 | PASS |
| Band1 7 | 10MHz | QPSK | 23790 | 50RB#0 | VN | NT | 12.46 | 0.017549 | ±2.5 | PASS |
| Band1 7 | 10MHz | QPSK | 23790 | 50RB#0 | VH | NT | 15.05 | 0.021197 | ±2.5 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 50RB#0 | VL | NT | 12.32 | 0.017328 | ±2.5 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 50RB#0 | VN | NT | 10.89 | 0.015316 | ±2.5 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 50RB#0 | VH | NT | 4.26 | 0.005992 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 50RB#0 | VL | NT | 9.47 | 0.013357 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 50RB#0 | VN | NT | -16.58 | -0.023385 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 50RB#0 | VH | NT | 16.21 | 0.022863 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23790 | 50RB#0 | VL | NT | -34.52 | -0.048620 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23790 | 50RB#0 | VN | NT | -31.11 | -0.043817 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23790 | 50RB#0 | VH | NT | -23.29 | -0.032803 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 50RB#0 | VL | NT | -28.78 | -0.040478 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 50RB#0 | VN | NT | -31.69 | -0.044571 | ±2.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 50RB#0 | VH | NT | -24.76 | -0.034824 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23755 | 25RB#0 | VL | NT | 44.09 | 0.062406 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23755 | 25RB#0 | VN | NT | 32.86 | 0.046511 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23755 | 25RB#0 | VH | NT | 45.45 | 0.064331 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23790 | 25RB#0 | VL | NT | 25.94 | 0.036535 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23790 | 25RB#0 | VN | NT | 9.04 | 0.012732 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23790 | 25RB#0 | VH | NT | 24.63 | 0.034690 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23825 | 25RB#0 | VL | NT | 16.25 | 0.022775 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23825 | 25RB#0 | VN | NT | 8.23 | 0.011535 | ±2.5 | PASS |
| Band1 7 | 5MHz | 64QAM | 23825 | 25RB#0 | VH | NT | 18.18 | 0.025480 | ±2.5 | PASS |
| Band1 7 | 10MHz | 64QAM | 23780 | 50RB#0 | VL | NT | 24.95 | 0.035190 | ±2.5 | PASS |
| Band1 7 | 10MHz | 64QAM | 23780 | 50RB#0 | VN | NT | 20.48 | 0.028886 | ±2.5 | PASS |
| Band1 | 10MHz | 64QAM | 23780 | 50RB#0 | VH | NT | 34.06 | 0.048039 | ±2.5 | PASS |



**BUREAU
VERITAS**

Test Report No.: W7L-P21120038RF05

| | | | | | | | | | | |
|------------|-------|-------|-------|--------|----|----|-------|----------|------|------|
| 7 | | | | | | | | | | |
| Band1 7 | 10MHz | 64QAM | 23790 | 50RB#0 | VL | NT | 12.32 | 0.017352 | ±2.5 | PASS |
| Band1 7 | 10MHz | 64QAM | 23790 | 50RB#0 | VN | NT | 6.98 | 0.009831 | ±2.5 | PASS |
| Band1 7 | 10MHz | 64QAM | 23790 | 50RB#0 | VH | NT | 5.35 | 0.007535 | ±2.5 | PASS |
| Band1 7 | 10MHz | 64QAM | 23800 | 50RB#0 | VL | NT | 12.45 | 0.017511 | ±2.5 | PASS |
| Band1 7 | 10MHz | 64QAM | 23800 | 50RB#0 | VN | NT | 15.52 | 0.021828 | ±2.5 | PASS |
| Band1 7 | 10MHz | 64QAM | 23800 | 50RB#0 | VH | NT | 19.35 | 0.027215 | ±2.5 | PASS |

| Temperature | | | | | | | | | | |
|-------------|-----------|------------|---------|-----------------|------------------|---------------------|-------------------|--------------------|----------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | -30 | 18.57 | 0.026285 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | -20 | 22.97 | 0.032512 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 0 | 24.08 | 0.034084 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 10 | 27.57 | 0.039023 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 20 | 30.53 | 0.043213 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 30 | 1.87 | 0.002236 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 40 | -2.21 | -0.002642 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 50 | 1.81 | 0.002164 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | -30 | -7.67 | -0.010803 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | -20 | -15.78 | -0.022225 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 0 | -22.37 | -0.031507 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 10 | -28.77 | -0.040521 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 20 | -31.01 | -0.043676 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 30 | -9.54 | -0.005074 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 40 | -8.90 | -0.004736 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 50 | -7.73 | -0.004111 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | -30 | 8.70 | 0.012193 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | -20 | 3.03 | 0.004247 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 0 | 3.35 | 0.004695 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 10 | 2.79 | 0.003910 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 20 | 1.56 | 0.002186 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 30 | -6.70 | -0.003565 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 40 | -5.07 | -0.002696 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 50 | -3.93 | -0.002090 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | -30 | 16.01 | 0.022661 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | -20 | 25.03 | 0.035428 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 0 | 31.06 | 0.043963 | ±2.5 | PASS |



Test Report No.: W7L-P21120038RF05

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|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 10 | 37.97 | 0.053744 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 20 | 44.20 | 0.062562 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 30 | -3.01 | -0.001604 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 40 | -2.14 | -0.001137 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 50 | -0.89 | -0.000472 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | -30 | -26.42 | -0.037211 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | -20 | -27.17 | -0.038268 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 0 | -27.09 | -0.038155 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 10 | -24.39 | -0.034352 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 20 | -23.20 | -0.032676 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 30 | 1.51 | 0.000803 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 40 | -2.19 | -0.001165 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 50 | 1.78 | 0.000947 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | -30 | 28.18 | 0.039495 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | -20 | 33.47 | 0.046910 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 0 | 41.73 | 0.058486 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 10 | 2.52 | 0.003532 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 20 | 16.58 | 0.023238 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 30 | -9.71 | -0.011605 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 40 | -8.94 | -0.010690 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 50 | -7.64 | -0.009139 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | -30 | 12.07 | 0.017024 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | -20 | 11.16 | 0.015740 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 0 | 5.34 | 0.007532 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 10 | -2.68 | -0.003780 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 20 | -8.65 | -0.012200 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 30 | -6.87 | -0.008213 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 40 | -5.21 | -0.006227 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 50 | -4.14 | -0.004955 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | -30 | -4.32 | -0.006085 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | -20 | -6.92 | -0.009746 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 0 | -20.86 | -0.029380 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 10 | -20.03 | -0.028211 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 20 | -28.67 | -0.040380 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 30 | -3.35 | -0.004006 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 40 | -2.13 | -0.002544 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 50 | -1.09 | -0.001306 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | -30 | -7.71 | -0.010844 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | -20 | -16.14 | -0.022700 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 0 | -24.06 | -0.033840 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 10 | -28.18 | -0.039634 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 20 | -29.41 | -0.041364 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 30 | 1.57 | 0.001877 | ±2.5 | PASS |



BUREAU
VERITAS

Test Report No.: W7L-P21120038RF05

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|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 40 | -1.86 | -0.002224 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 50 | 1.55 | 0.001853 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | -30 | 23.46 | 0.033089 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | -20 | 32.34 | 0.045614 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 0 | 34.38 | 0.048491 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 10 | 39.58 | 0.055825 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 20 | 42.40 | 0.059803 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 30 | -9.77 | -0.011683 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 40 | -8.93 | -0.010679 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 50 | -7.63 | -0.009128 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | -30 | -17.07 | -0.024042 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | -20 | -10.07 | -0.014183 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 0 | -9.78 | -0.013775 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 10 | -8.73 | -0.012296 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 20 | -3.93 | -0.005535 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 30 | -6.82 | -0.008157 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 40 | -5.05 | -0.006037 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 50 | -3.99 | -0.004776 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | -30 | -15.54 | -0.021857 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | -20 | -10.97 | -0.015429 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 0 | -6.04 | -0.008495 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 10 | 4.05 | 0.005696 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 20 | 3.00 | 0.004219 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 30 | -3.35 | -0.004006 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 40 | -2.03 | -0.002433 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 50 | -1.09 | -0.001306 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23755 | 25RB#0 | NV | -30 | 5.51 | 0.007799 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23755 | 25RB#0 | NV | -20 | 7.11 | 0.010064 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23755 | 25RB#0 | NV | 0 | 6.14 | 0.008691 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23755 | 25RB#0 | NV | 10 | 4.56 | 0.006454 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23755 | 25RB#0 | NV | 20 | 6.58 | 0.009314 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23755 | 25RB#0 | NV | 30 | 1.52 | 0.001817 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23755 | 25RB#0 | NV | 40 | -1.84 | -0.002200 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23755 | 25RB#0 | NV | 50 | 1.55 | 0.001853 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23790 | 25RB#0 | NV | -30 | 26.18 | 0.036873 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23790 | 25RB#0 | NV | -20 | 18.85 | 0.026549 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23790 | 25RB#0 | NV | 0 | 20.81 | 0.029310 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23790 | 25RB#0 | NV | 10 | 9.51 | 0.013394 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23790 | 25RB#0 | NV | 20 | 6.18 | 0.008704 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23790 | 25RB#0 | NV | 30 | -9.09 | -0.010716 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23790 | 25RB#0 | NV | 40 | -7.95 | -0.009374 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23790 | 25RB#0 | NV | 50 | -6.98 | -0.008230 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23825 | 25RB#0 | NV | -30 | -3.19 | -0.004471 | ±2.5 | PASS |



Test Report No.: W7L-P21120038RF05

| | | | | | | | | | | |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band17 | 5MHz | 64QAM | 23825 | 25RB#0 | NV | -20 | -23.46 | -0.032880 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23825 | 25RB#0 | NV | 0 | -22.83 | -0.031997 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23825 | 25RB#0 | NV | 10 | -39.24 | -0.054996 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23825 | 25RB#0 | NV | 20 | -45.58 | -0.063882 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23825 | 25RB#0 | NV | 30 | -6.14 | -0.007240 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23825 | 25RB#0 | NV | 40 | -5.72 | -0.006747 | ±2.5 | PASS |
| Band17 | 5MHz | 64QAM | 23825 | 25RB#0 | NV | 50 | -4.22 | -0.004970 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23780 | 50RB#0 | NV | -30 | 19.74 | 0.027842 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23780 | 50RB#0 | NV | -20 | 17.19 | 0.024245 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23780 | 50RB#0 | NV | 0 | 22.72 | 0.032045 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23780 | 50RB#0 | NV | 10 | 13.43 | 0.018942 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23780 | 50RB#0 | NV | 20 | 4.92 | 0.006939 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23780 | 50RB#0 | NV | 30 | -2.17 | -0.002557 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23780 | 50RB#0 | NV | 40 | -1.26 | -0.001489 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23780 | 50RB#0 | NV | 50 | -0.34 | -0.000400 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23790 | 50RB#0 | NV | -30 | 8.15 | 0.011479 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23790 | 50RB#0 | NV | -20 | 16.94 | 0.023859 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23790 | 50RB#0 | NV | 0 | 13.18 | 0.018563 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23790 | 50RB#0 | NV | 10 | 7.67 | 0.010803 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23790 | 50RB#0 | NV | 20 | 12.85 | 0.018099 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23790 | 50RB#0 | NV | 30 | -9.70 | -0.011440 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23790 | 50RB#0 | NV | 40 | -8.84 | -0.010432 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23790 | 50RB#0 | NV | 50 | -7.41 | -0.008744 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23800 | 50RB#0 | NV | -30 | 11.06 | 0.015556 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23800 | 50RB#0 | NV | -20 | 7.34 | 0.010323 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23800 | 50RB#0 | NV | 0 | -4.19 | -0.005893 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23800 | 50RB#0 | NV | 10 | -15.95 | -0.022433 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23800 | 50RB#0 | NV | 20 | -26.41 | -0.037145 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23800 | 50RB#0 | NV | 30 | -6.05 | -0.007135 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23800 | 50RB#0 | NV | 40 | -5.08 | -0.005995 | ±2.5 | PASS |
| Band17 | 10MHz | 64QAM | 23800 | 50RB#0 | NV | 50 | -3.92 | -0.004626 | ±2.5 | PASS |



Test Report No.: W7L-P21120038RF05

LTE BAND66

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#0 | 4.43 | 13 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 6RB#0 | 5.03 | 13 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#0 | 3.85 | 13 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 6RB#0 | 4.70 | 13 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#0 | 3.98 | 13 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 6RB#0 | 4.94 | 13 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0 | 5.14 | 13 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 6RB#0 | 5.80 | 13 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | 4.79 | 13 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 6RB#0 | 5.37 | 13 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | 5.13 | 13 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 6RB#0 | 5.67 | 13 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 1RB#0 | 4.40 | 13 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 15RB#0 | 5.08 | 13 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 1RB#0 | 4.06 | 13 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 15RB#0 | 4.73 | 13 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 1RB#0 | 4.00 | 13 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 15RB#0 | 4.82 | 13 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#0 | 5.49 | 13 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 15RB#0 | 5.93 | 13 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#0 | 5.15 | 13 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 15RB#0 | 5.61 | 13 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#0 | 5.14 | 13 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 15RB#0 | 5.68 | 13 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 1RB#0 | 4.60 | 13 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 25RB#0 | 5.13 | 13 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 1RB#0 | 4.26 | 13 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 25RB#0 | 4.64 | 13 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 1RB#0 | 4.18 | 13 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 25RB#0 | 4.82 | 13 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#0 | 5.49 | 13 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 25RB#0 | 5.88 | 13 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#0 | 5.22 | 13 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 25RB#0 | 5.50 | 13 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#0 | 4.73 | 13 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 25RB#0 | 5.62 | 13 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 1RB#0 | 4.38 | 13 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 50RB#0 | 5.27 | 13 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 1RB#0 | 4.30 | 13 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 50RB#0 | 4.74 | 13 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 1RB#0 | 3.86 | 13 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 50RB#0 | 4.81 | 13 | PASS |



BUREAU
VERITAS

Test Report No.: W7L-P21120038RF05

| | | | | | | | |
|--------|--------|-------|--------|---------|------|----|------|
| Band66 | 10MHz | 16QAM | 132022 | 1RB#0 | 5.21 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0 | 6.09 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#0 | 5.45 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0 | 5.62 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#0 | 4.75 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0 | 5.60 | 13 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 1RB#0 | 4.46 | 13 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 75RB#0 | 5.73 | 13 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 1RB#0 | 4.44 | 13 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 75RB#0 | 5.14 | 13 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 1RB#0 | 3.88 | 13 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 75RB#0 | 5.05 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#0 | 5.44 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0 | 6.32 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#0 | 5.56 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0 | 5.83 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#0 | 4.62 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0 | 5.77 | 13 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 1RB#0 | 4.51 | 13 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 100RB#0 | 5.56 | 13 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 1RB#0 | 4.50 | 13 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 100RB#0 | 5.15 | 13 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#0 | 3.58 | 13 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 100RB#0 | 5.07 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0 | 5.34 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 6.32 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0 | 5.64 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 5.93 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0 | 4.47 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 5.79 | 13 | PASS |
| Band66 | 1.4MHz | 64QAM | 131979 | 1RB#0 | 5.65 | 13 | PASS |
| Band66 | 1.4MHz | 64QAM | 131979 | 6RB#0 | 6.07 | 13 | PASS |
| Band66 | 1.4MHz | 64QAM | 132322 | 1RB#0 | 5.96 | 13 | PASS |
| Band66 | 1.4MHz | 64QAM | 132322 | 6RB#0 | 6.14 | 13 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 1RB#0 | 5.99 | 13 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 6RB#0 | 6.12 | 13 | PASS |
| Band66 | 3MHz | 64QAM | 131987 | 1RB#0 | 5.92 | 13 | PASS |
| Band66 | 3MHz | 64QAM | 131987 | 15RB#0 | 6.23 | 13 | PASS |
| Band66 | 3MHz | 64QAM | 132322 | 1RB#0 | 5.89 | 13 | PASS |
| Band66 | 3MHz | 64QAM | 132322 | 15RB#0 | 6.21 | 13 | PASS |
| Band66 | 3MHz | 64QAM | 132657 | 1RB#0 | 5.72 | 13 | PASS |
| Band66 | 3MHz | 64QAM | 132657 | 15RB#0 | 6.23 | 13 | PASS |
| Band66 | 5MHz | 64QAM | 131997 | 1RB#0 | 5.90 | 13 | PASS |
| Band66 | 5MHz | 64QAM | 131997 | 25RB#0 | 6.19 | 13 | PASS |
| Band66 | 5MHz | 64QAM | 132322 | 1RB#0 | 5.80 | 13 | PASS |
| Band66 | 5MHz | 64QAM | 132322 | 25RB#0 | 6.12 | 13 | PASS |
| Band66 | 5MHz | 64QAM | 132647 | 1RB#0 | 5.54 | 13 | PASS |
| Band66 | 5MHz | 64QAM | 132647 | 25RB#0 | 6.22 | 13 | PASS |
| Band66 | 10MHz | 64QAM | 132022 | 1RB#0 | 5.74 | 13 | PASS |
| Band66 | 10MHz | 64QAM | 132022 | 50RB#0 | 6.31 | 13 | PASS |
| Band66 | 10MHz | 64QAM | 132322 | 1RB#0 | 5.96 | 13 | PASS |
| Band66 | 10MHz | 64QAM | 132322 | 50RB#0 | 6.21 | 13 | PASS |
| Band66 | 10MHz | 64QAM | 132622 | 1RB#0 | 5.52 | 13 | PASS |

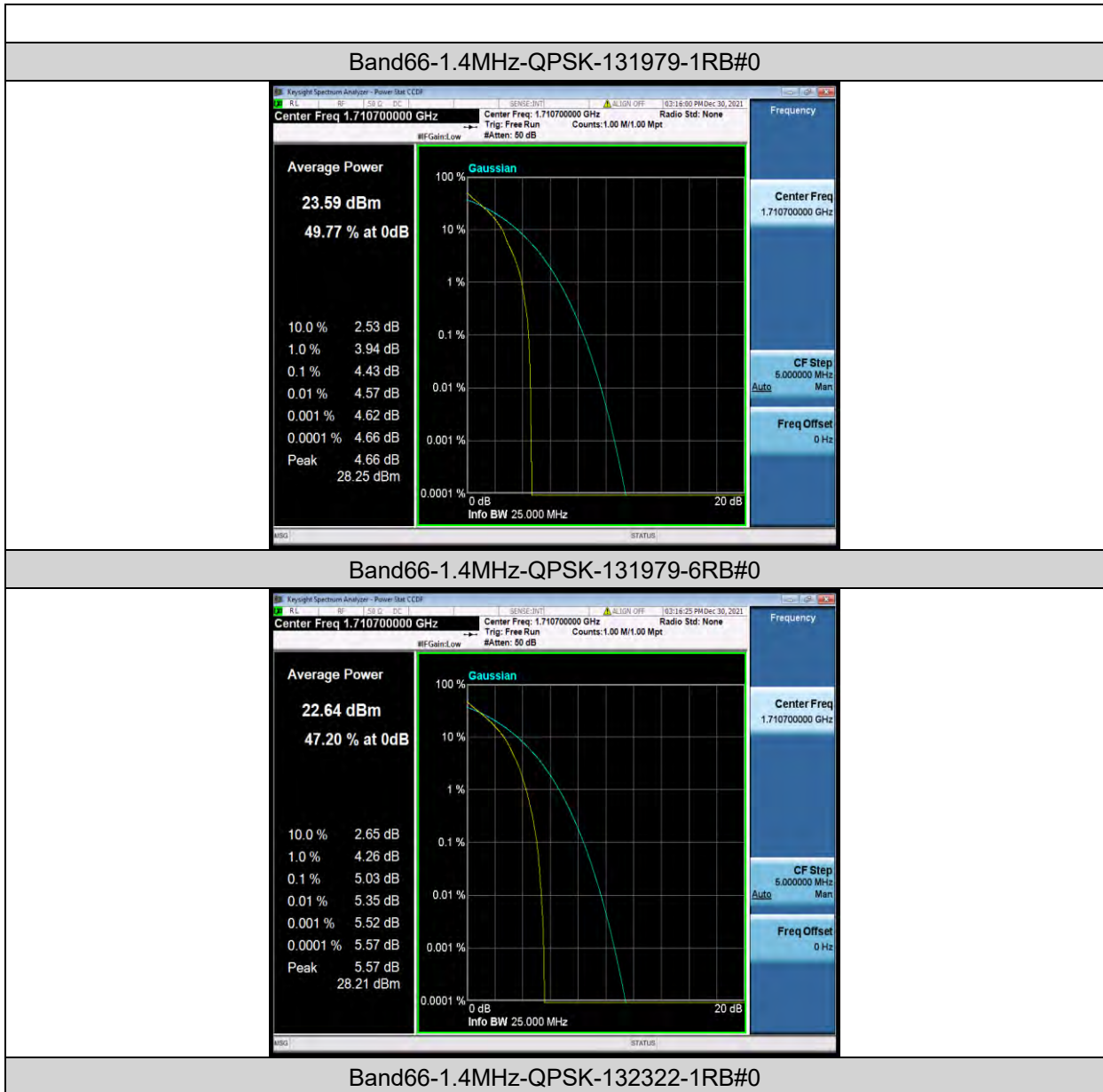


**BUREAU
VERITAS**

Test Report No.: W7L-P21120038RF05

| | | | | | | | |
|--------|-------|-------|--------|---------|------|----|------|
| Band66 | 10MHz | 64QAM | 132622 | 50RB#0 | 6.25 | 13 | PASS |
| Band66 | 15MHz | 64QAM | 132047 | 1RB#0 | 5.83 | 13 | PASS |
| Band66 | 15MHz | 64QAM | 132047 | 75RB#0 | 6.45 | 13 | PASS |
| Band66 | 15MHz | 64QAM | 132322 | 1RB#0 | 6.36 | 13 | PASS |
| Band66 | 15MHz | 64QAM | 132322 | 75RB#0 | 6.33 | 13 | PASS |
| Band66 | 15MHz | 64QAM | 132597 | 1RB#0 | 5.52 | 13 | PASS |
| Band66 | 15MHz | 64QAM | 132597 | 75RB#0 | 6.30 | 13 | PASS |
| Band66 | 20MHz | 64QAM | 132072 | 1RB#0 | 5.41 | 13 | PASS |
| Band66 | 20MHz | 64QAM | 132072 | 100RB#0 | 6.44 | 13 | PASS |
| Band66 | 20MHz | 64QAM | 132322 | 1RB#0 | 6.23 | 13 | PASS |
| Band66 | 20MHz | 64QAM | 132322 | 100RB#0 | 6.34 | 13 | PASS |
| Band66 | 20MHz | 64QAM | 132572 | 1RB#0 | 5.77 | 13 | PASS |
| Band66 | 20MHz | 64QAM | 132572 | 100RB#0 | 6.28 | 13 | PASS |

Test Graphs



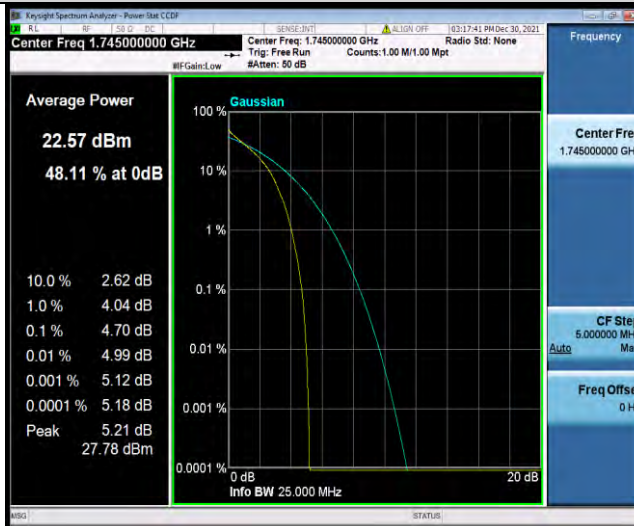


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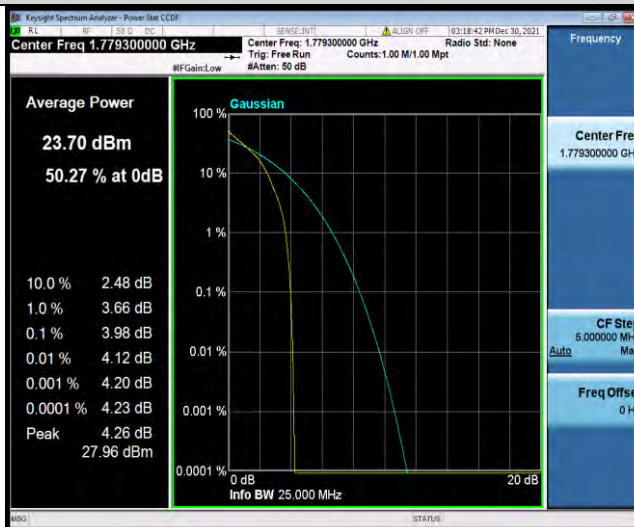
Test Report No.: W7L-P21120038RF05



Band66-1.4MHz-QPSK-132322-6RB#0



Band66-1.4MHz-QPSK-132665-1RB#0



Band66-1.4MHz-QPSK-132665-6RB#0

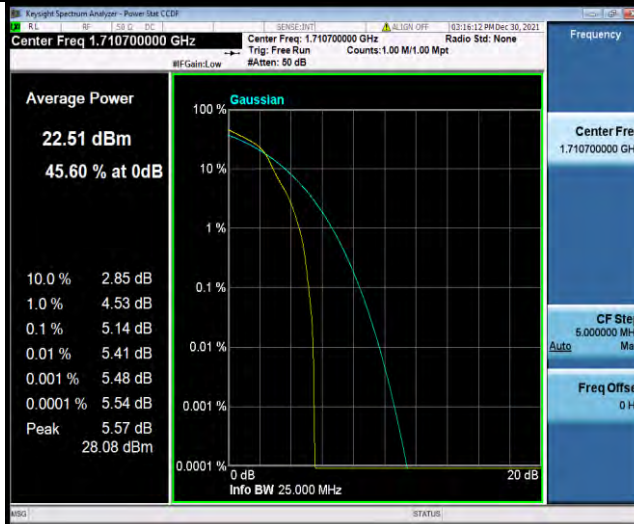


BUREAU VERITAS

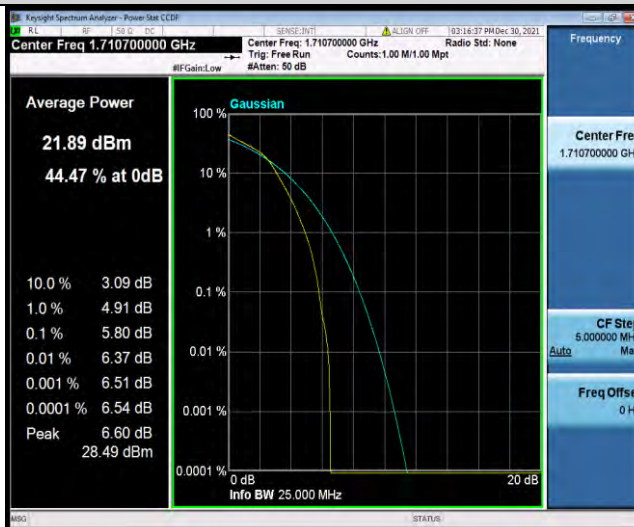
Test Report No.: W7L-P21120038RF05



Band66-1.4MHz-16QAM-131979-1RB#0



Band66-1.4MHz-16QAM-131979-6RB#0



Band66-1.4MHz-16QAM-132322-1RB#0

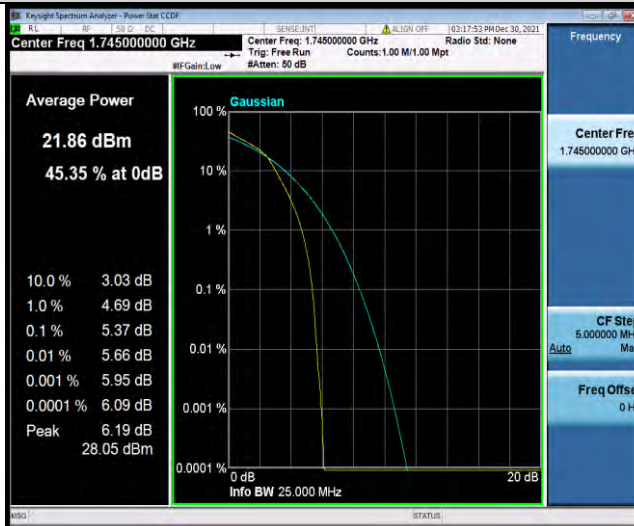


BUREAU VERITAS

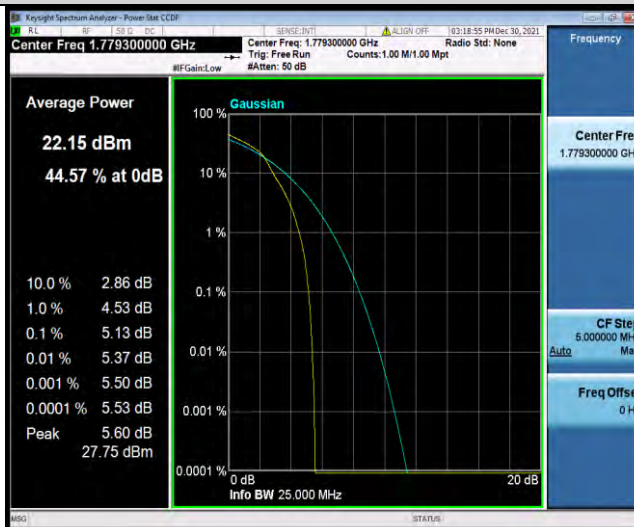
Test Report No.: W7L-P21120038RF05



Band66-1.4MHz-16QAM-132322-6RB#0



Band66-1.4MHz-16QAM-132665-1RB#0



Band66-1.4MHz-16QAM-132665-6RB#0

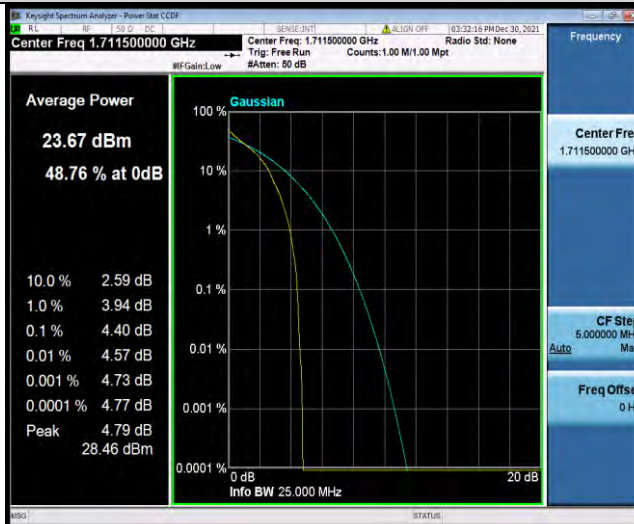


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Test Report No.: W7L-P21120038RF05



Band66-3MHz-QPSK-131987-1RB#0



Band66-3MHz-QPSK-131987-15RB#0

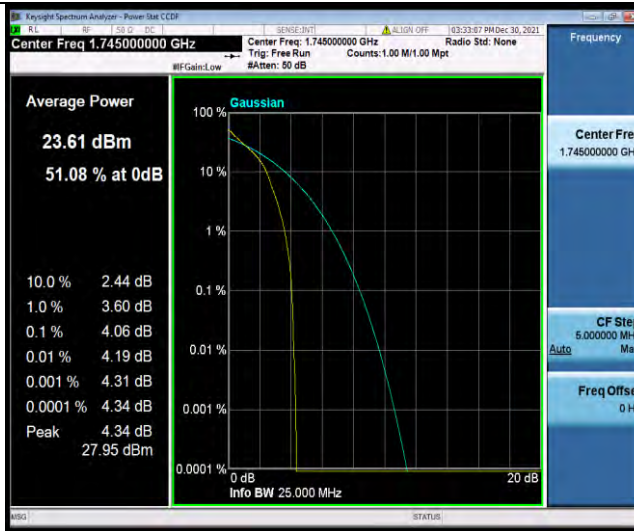


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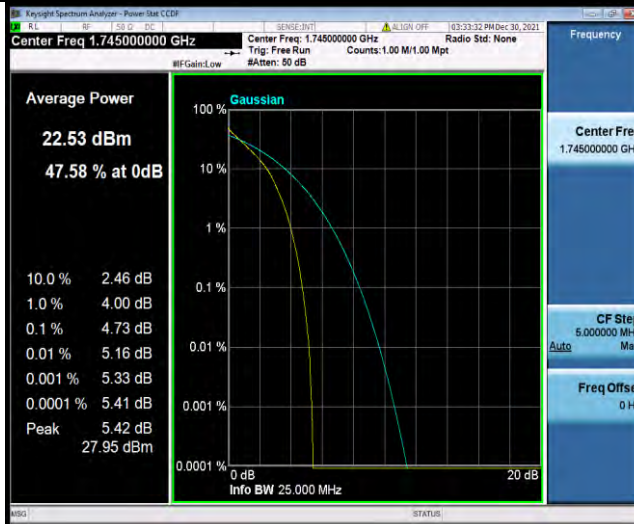


BUREAU VERITAS

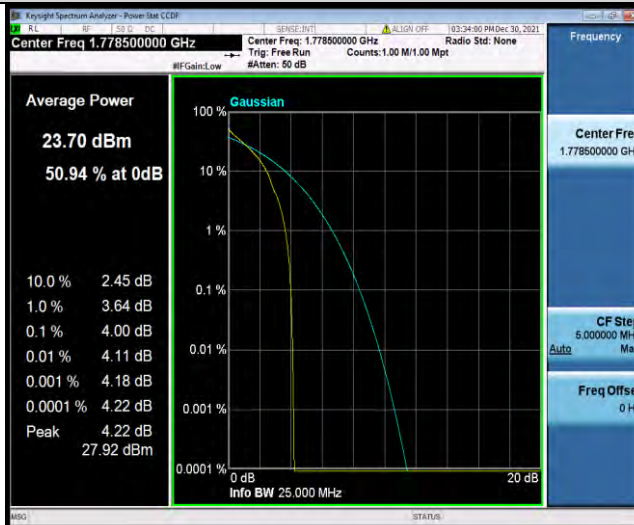
Test Report No.: W7L-P21120038RF05



Band66-3MHz-QPSK-132322-15RB#0



Band66-3MHz-QPSK-132657-1RB#0

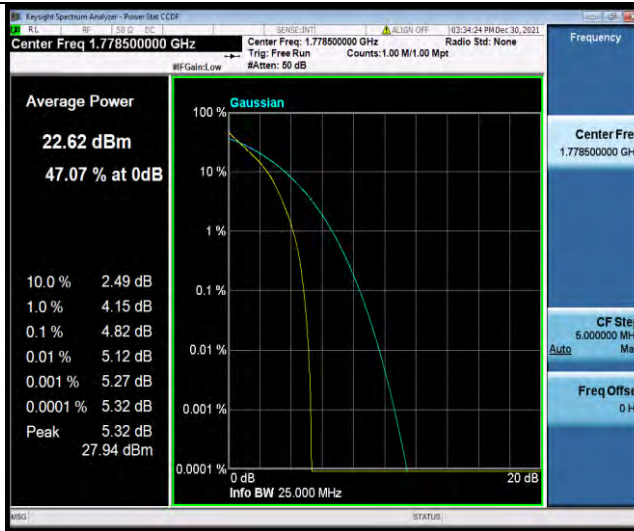


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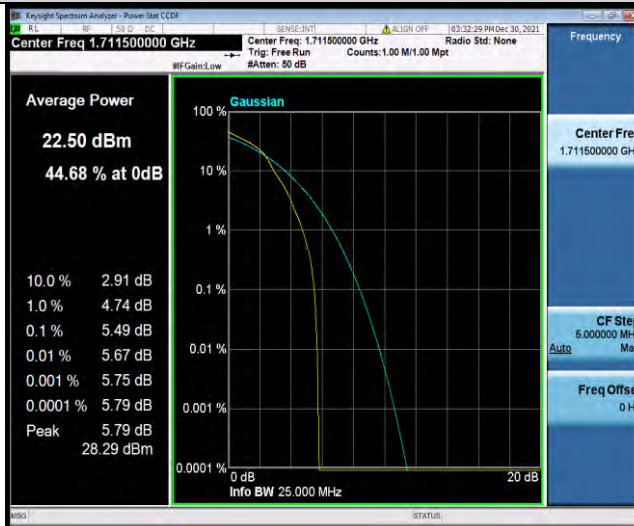


BUREAU VERITAS

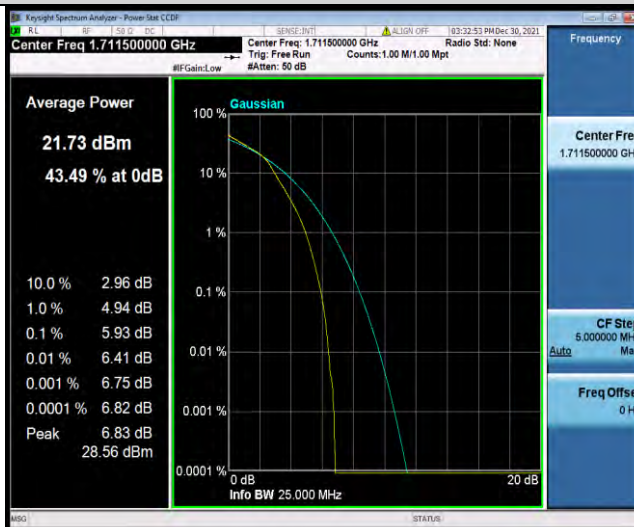
Test Report No.: W7L-P21120038RF05



Band66-3MHz-16QAM-131987-1RB#0



Band66-3MHz-16QAM-131987-15RB#0

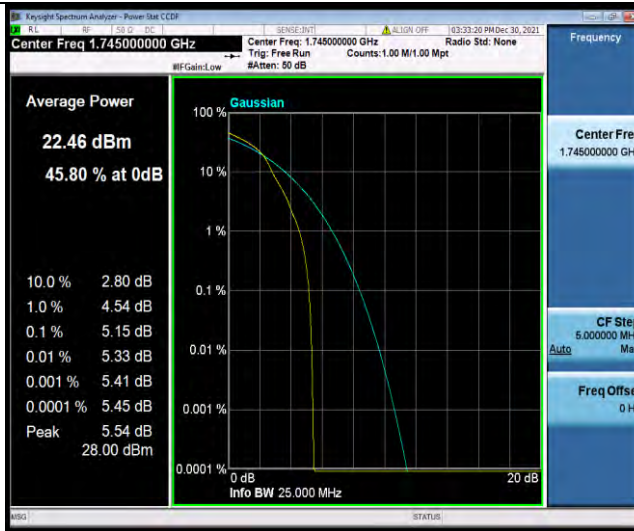


Band66-3MHz-16QAM-132322-1RB#0

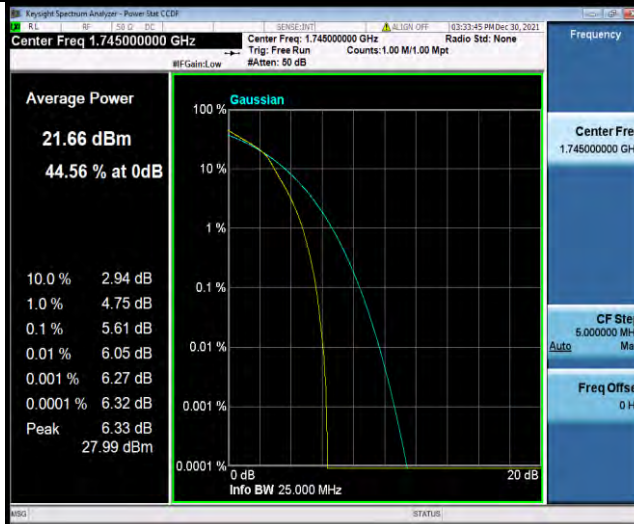


BUREAU VERITAS

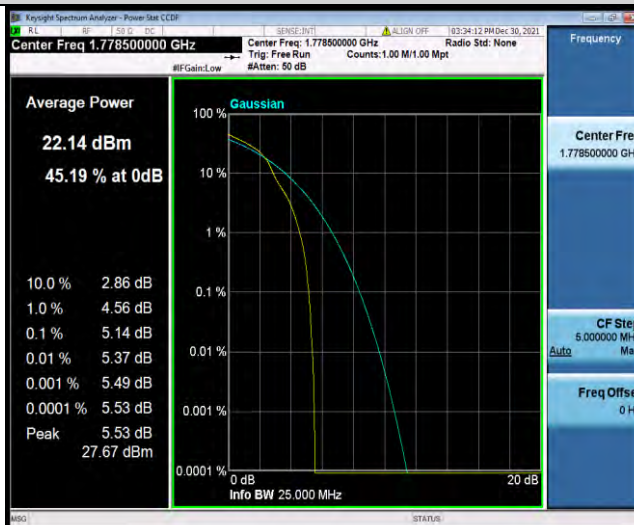
Test Report No.: W7L-P21120038RF05



Band66-3MHz-16QAM-132322-15RB#0



Band66-3MHz-16QAM-132657-1RB#0



Band66-3MHz-16QAM-132657-15RB#0

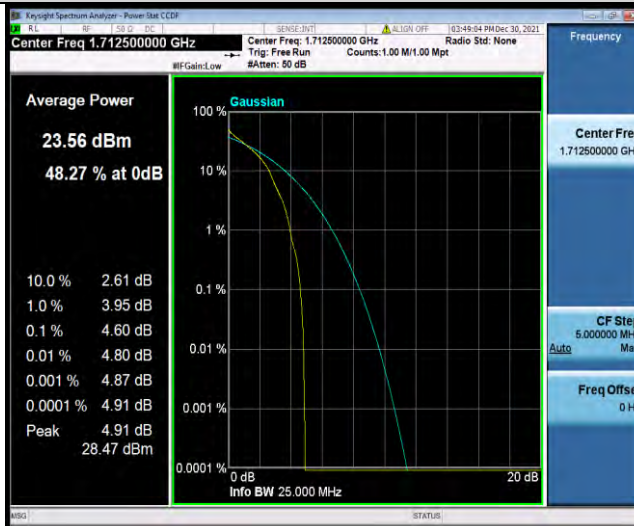


BUREAU VERITAS

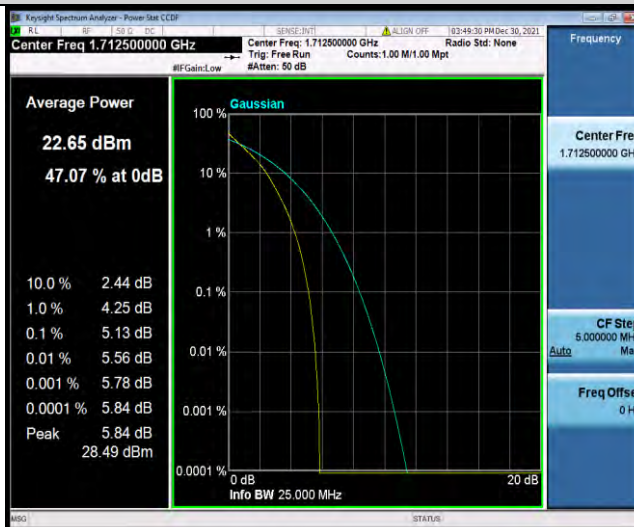
Test Report No.: W7L-P21120038RF05



Band66-5MHz-QPSK-131997-1RB#0



Band66-5MHz-QPSK-131997-25RB#0



Band66-5MHz-QPSK-132322-1RB#0

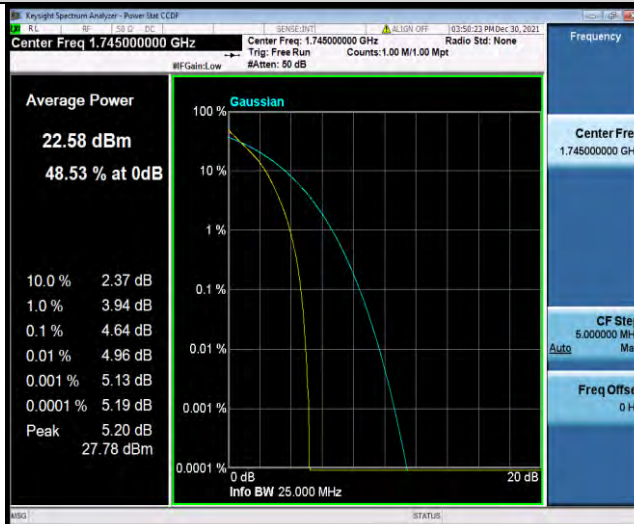


BUREAU VERITAS

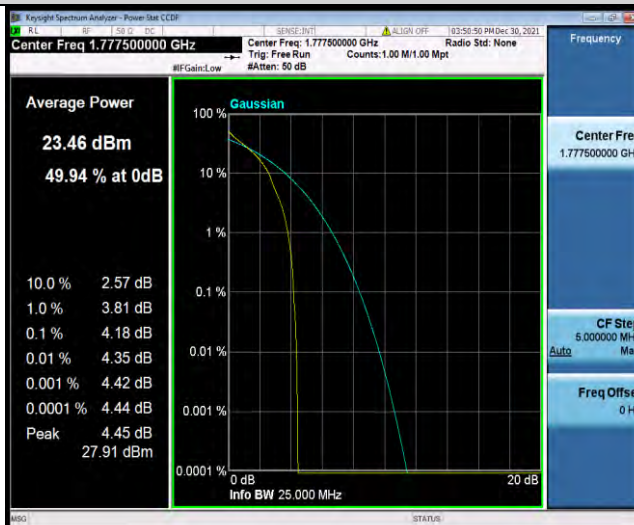
Test Report No.: W7L-P21120038RF05



Band66-5MHz-QPSK-132322-25RB#0



Band66-5MHz-QPSK-132647-1RB#0



Band66-5MHz-QPSK-132647-25RB#0



BUREAU VERITAS

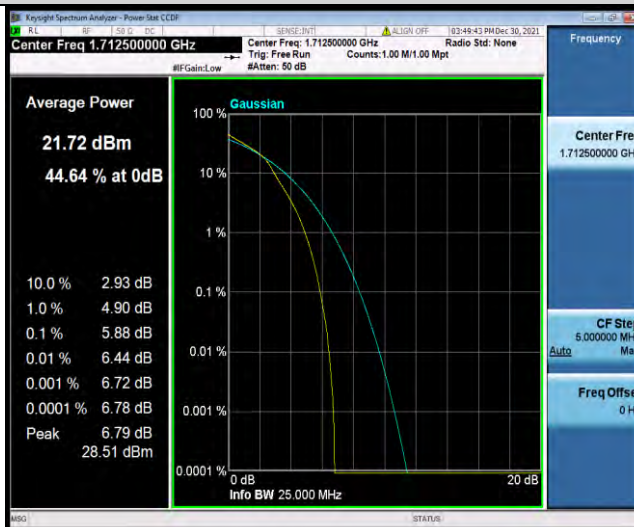
Test Report No.: W7L-P21120038RF05



Band66-5MHz-16QAM-131997-1RB#0



Band66-5MHz-16QAM-131997-25RB#0

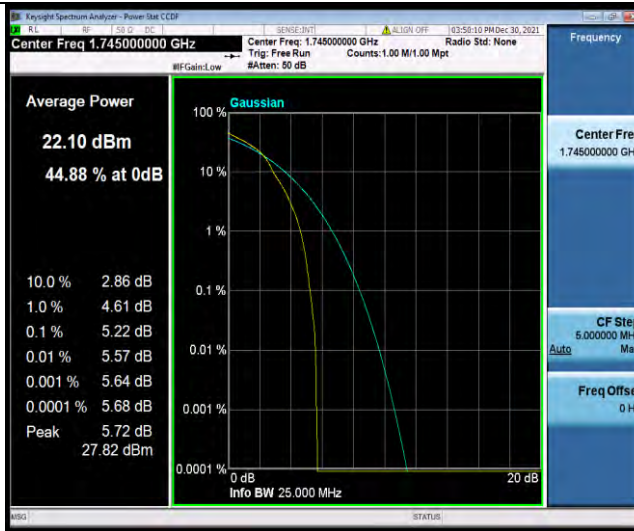


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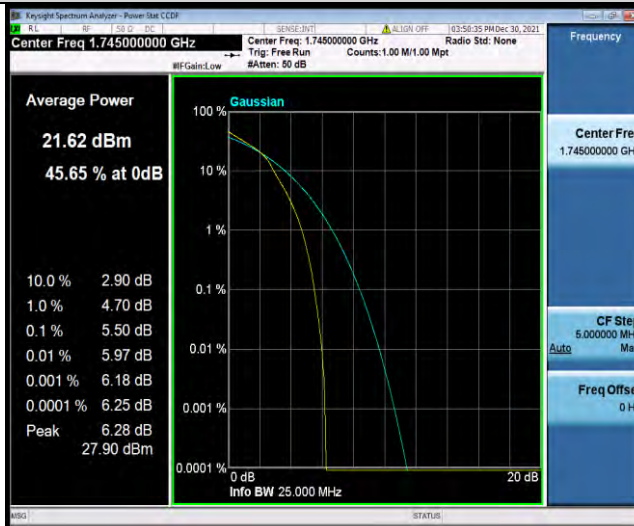


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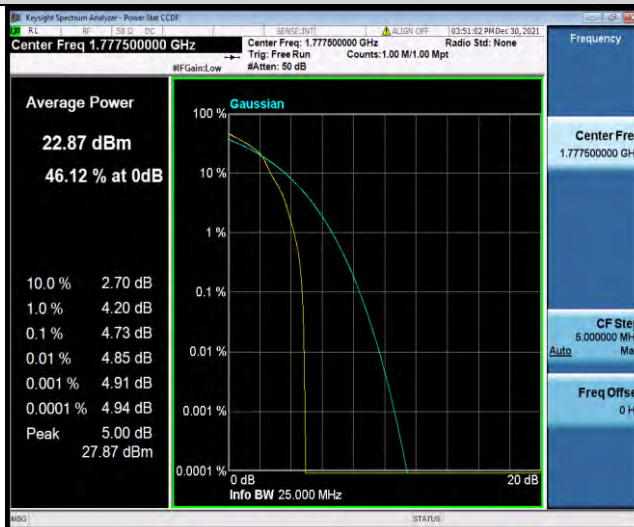
Test Report No.: W7L-P21120038RF05



Band66-5MHz-16QAM-132322-25RB#0



Band66-5MHz-16QAM-132647-1RB#0

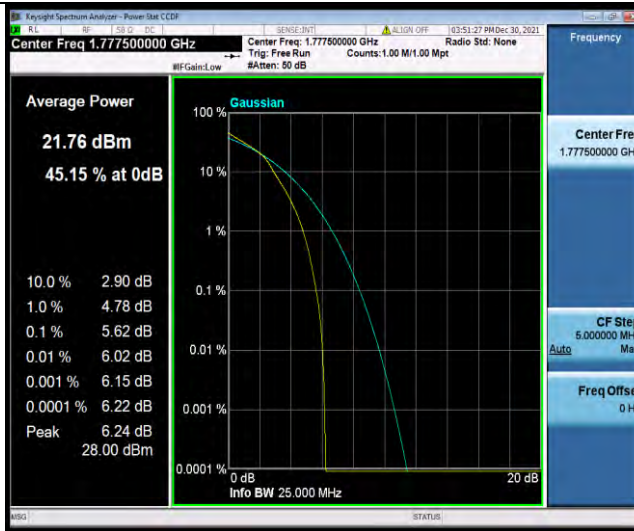


Band66-5MHz-16QAM-132647-25RB#0



BUREAU VERITAS

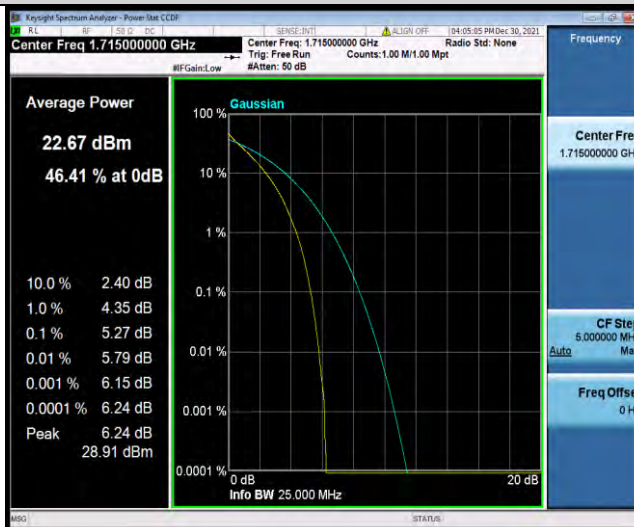
Test Report No.: W7L-P21120038RF05



Band66-10MHz-QPSK-132022-1RB#0



Band66-10MHz-QPSK-132022-50RB#0



Band66-10MHz-QPSK-132322-1RB#0

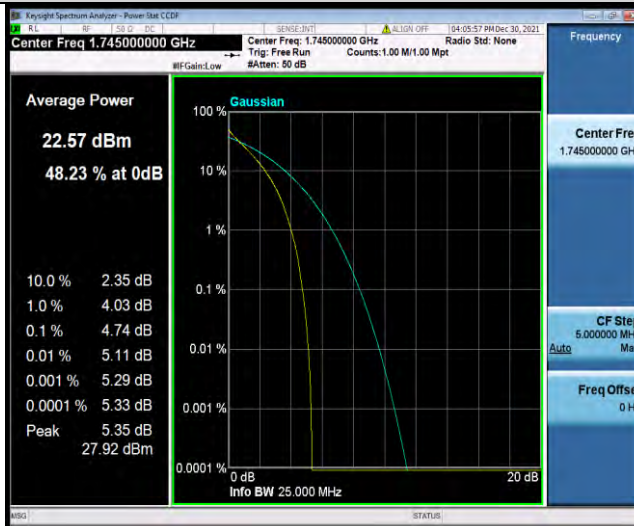


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band66-10MHz-QPSK-132322-50RB#0



Band66-10MHz-QPSK-132622-1RB#0



Band66-10MHz-QPSK-132622-50RB#0

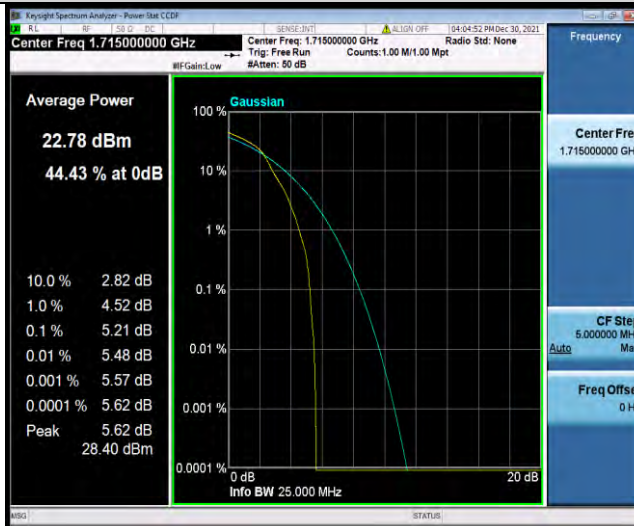


BUREAU VERITAS

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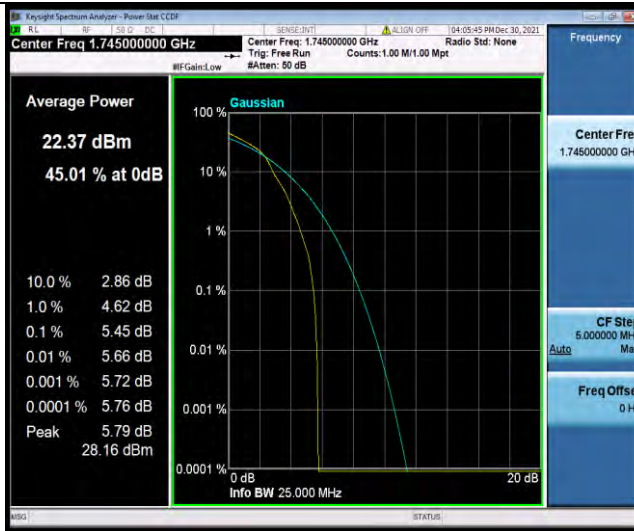


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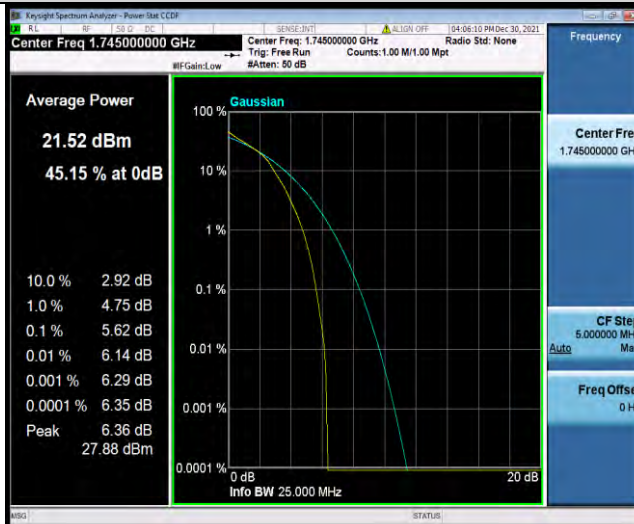


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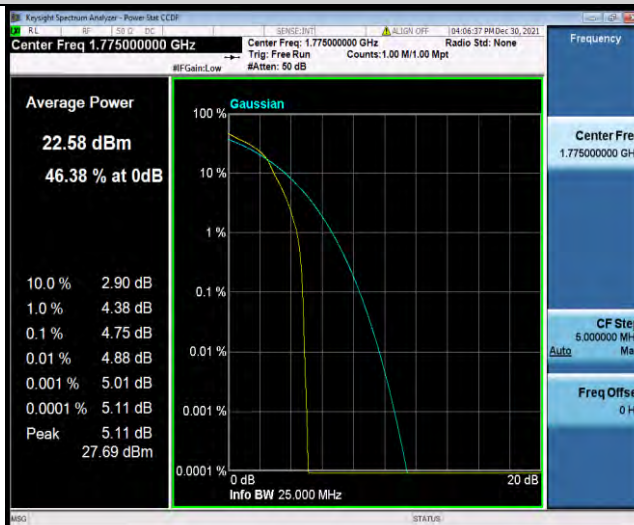
Test Report No.: W7L-P21120038RF05



Band66-10MHz-16QAM-132322-50RB#0



Band66-10MHz-16QAM-132622-1RB#0



Band66-10MHz-16QAM-132622-50RB#0



BUREAU VERITAS

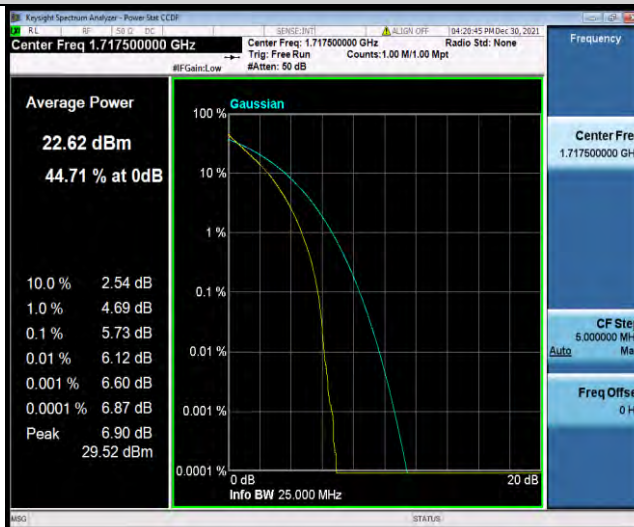
Test Report No.: W7L-P21120038RF05



Band66-15MHz-QPSK-132047-1RB#0



Band66-15MHz-QPSK-132047-75RB#0

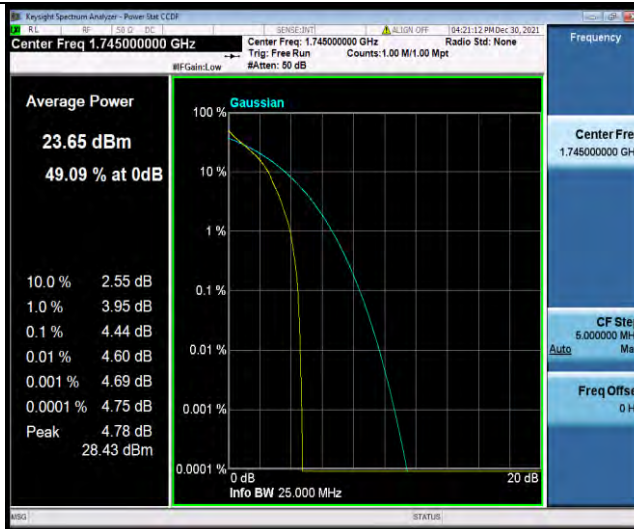


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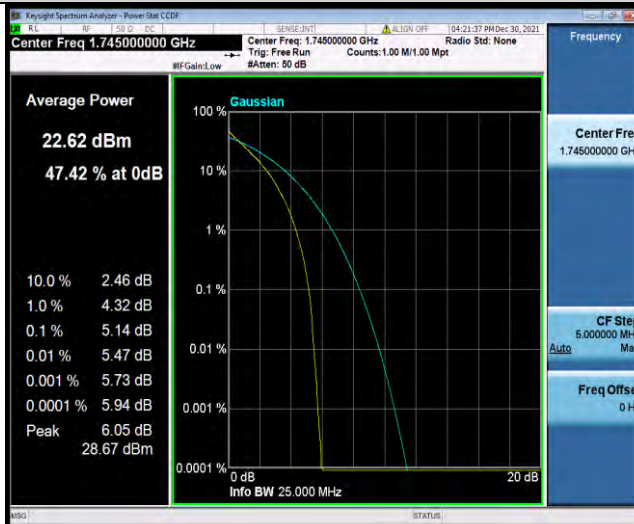


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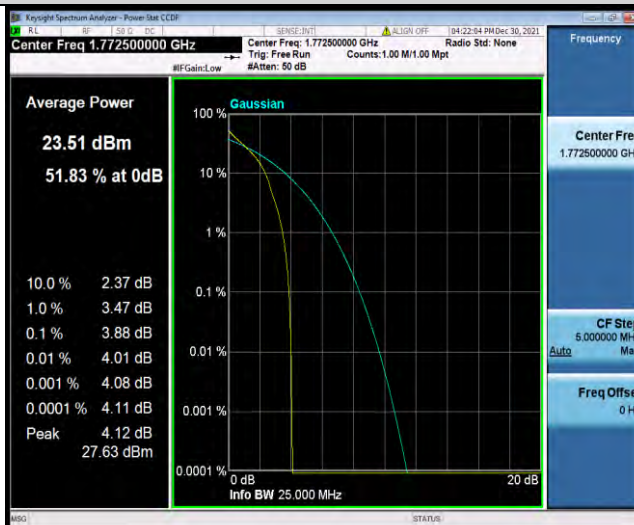
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Band66-15MHz-QPSK-132322-75RB#0



Band66-15MHz-QPSK-132597-1RB#0



Band66-15MHz-QPSK-132597-75RB#0

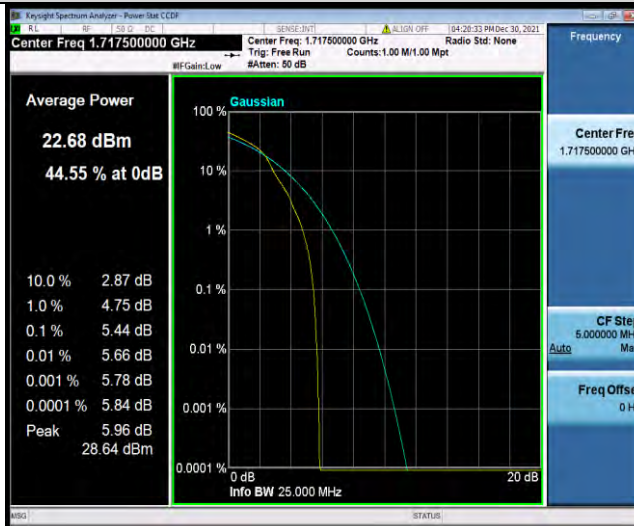


BUREAU VERITAS

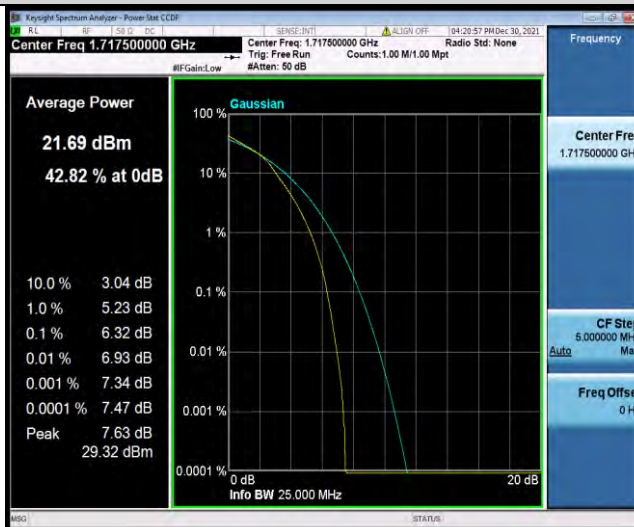
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Band66-15MHz-16QAM-132047-1RB#0



Band66-15MHz-16QAM-132047-75RB#0

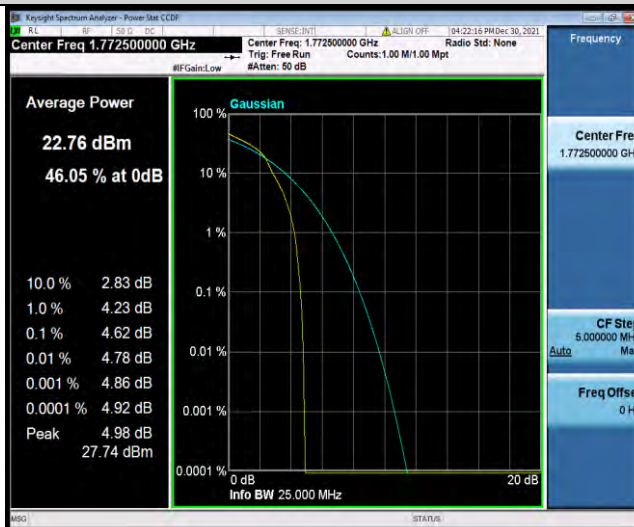
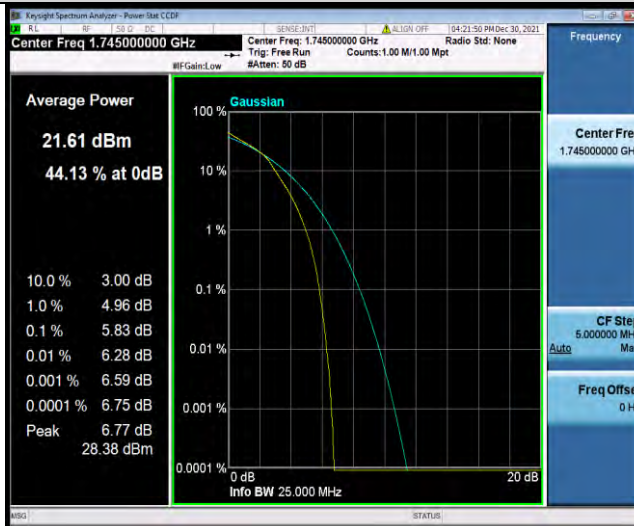
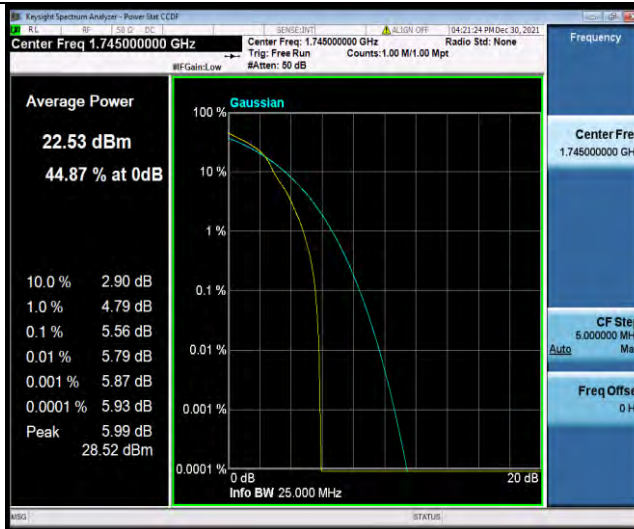


Band66-15MHz-16QAM-132322-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



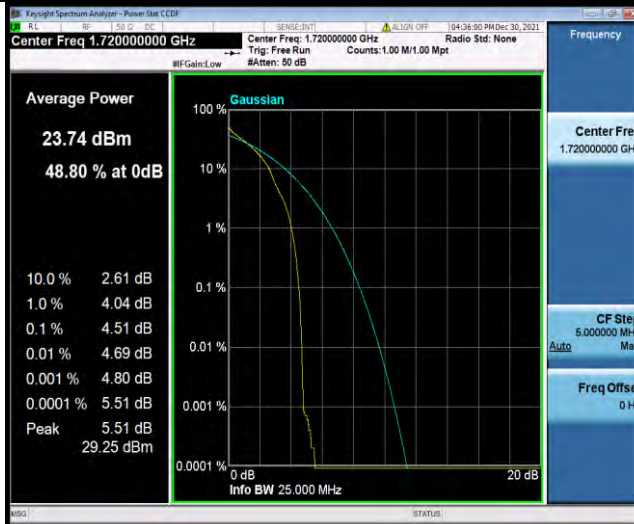


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band66-20MHz-QPSK-132072-1RB#0



Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132322-1RB#0

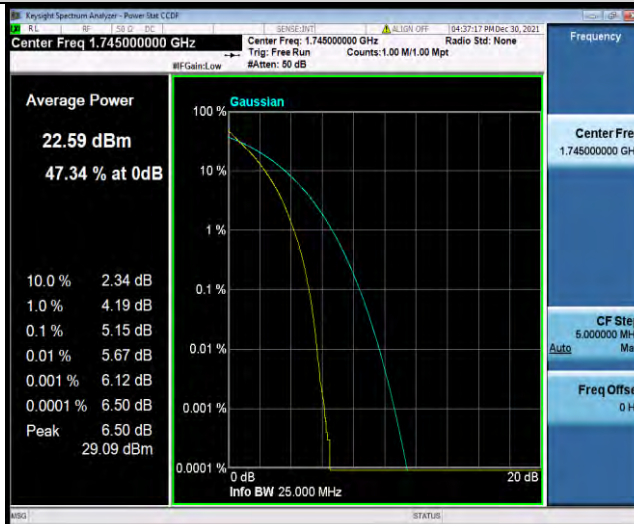


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-QPSK-132572-1RB#0



Band66-20MHz-QPSK-132572-100RB#0

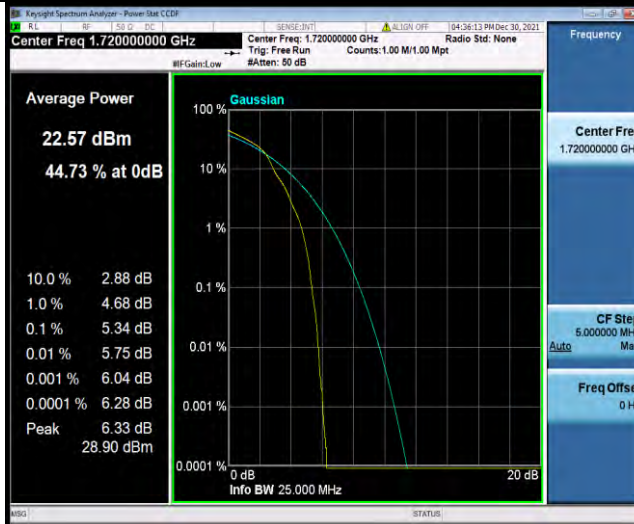


BUREAU
VERITAS

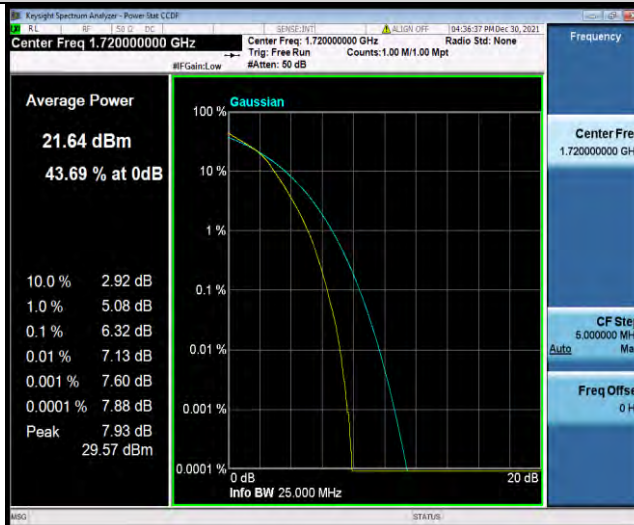
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Band66-20MHz-16QAM-132072-100RB#0

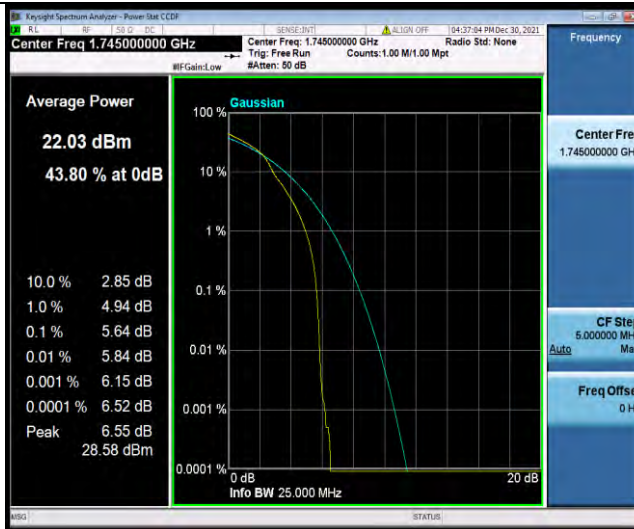


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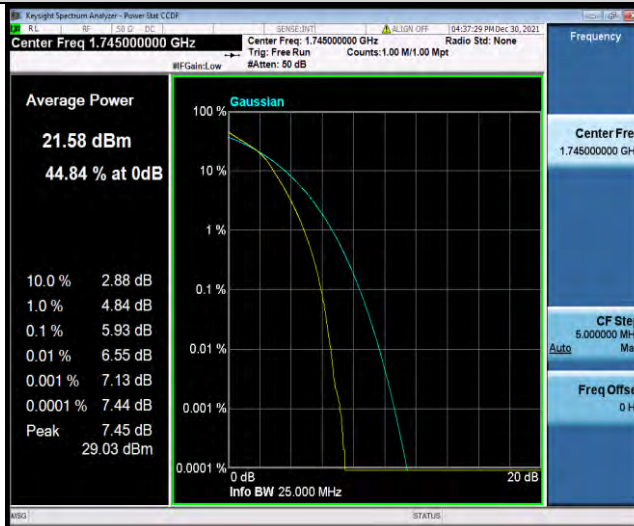


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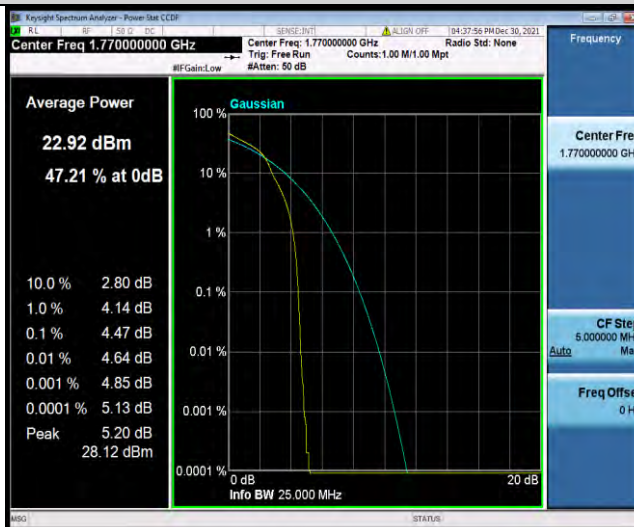
Test Report No.: W7L-P21120038RF05



Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-1RB#0

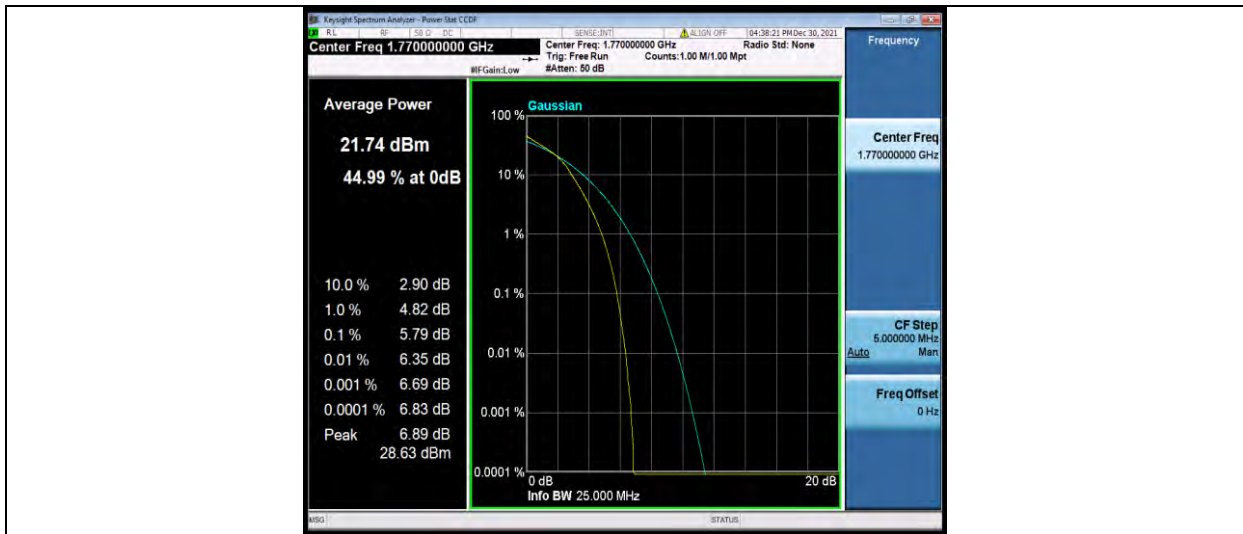


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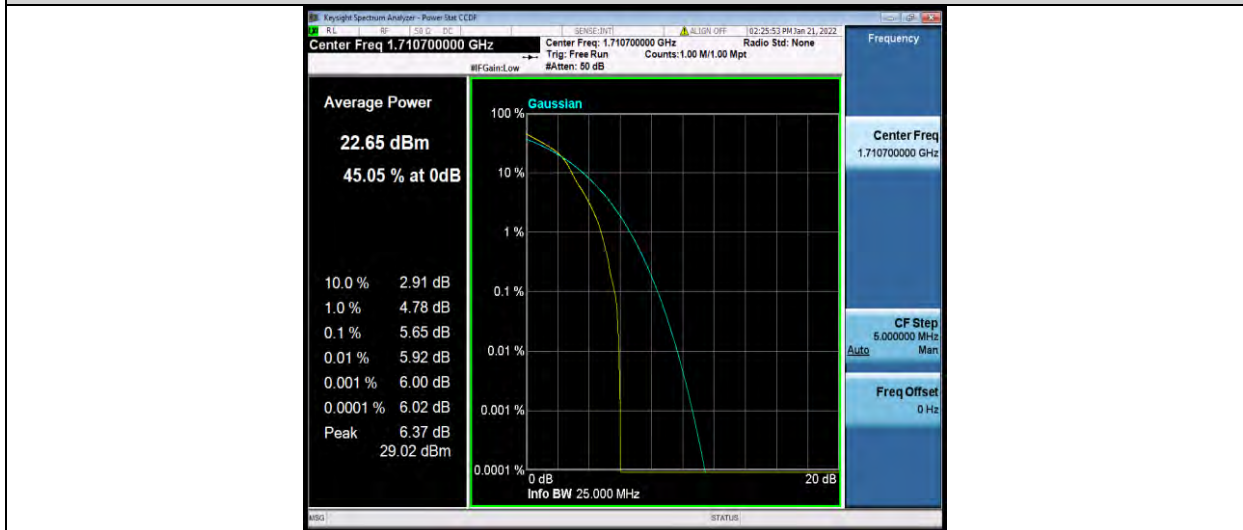


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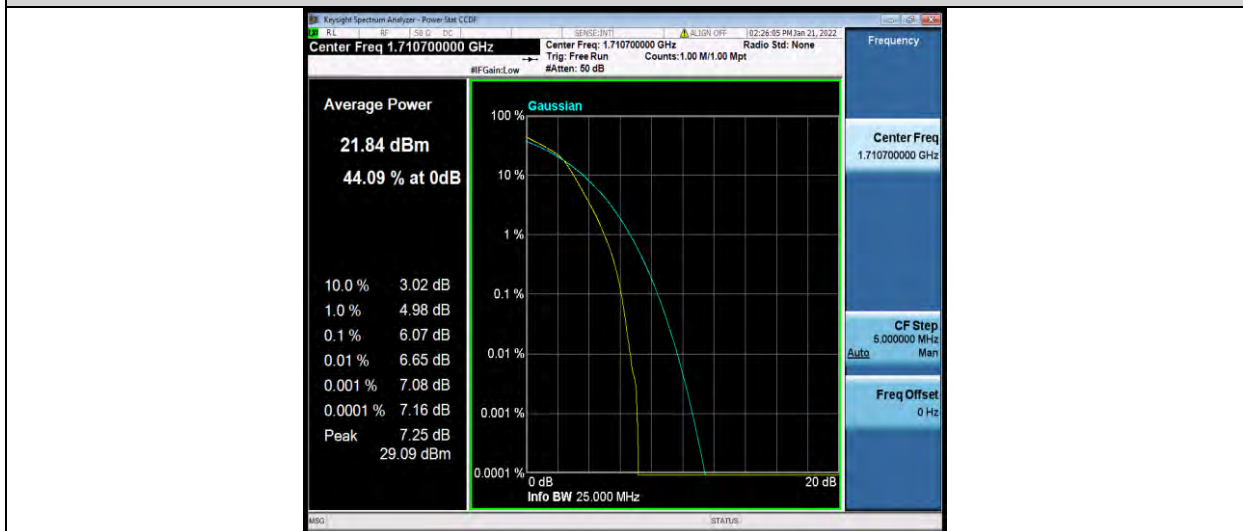
Test Report No.: W7L-P21120038RF05



Band66-1.4MHz-64QAM-131979-1RB#0



Band66-1.4MHz-64QAM-131979-6RB#0

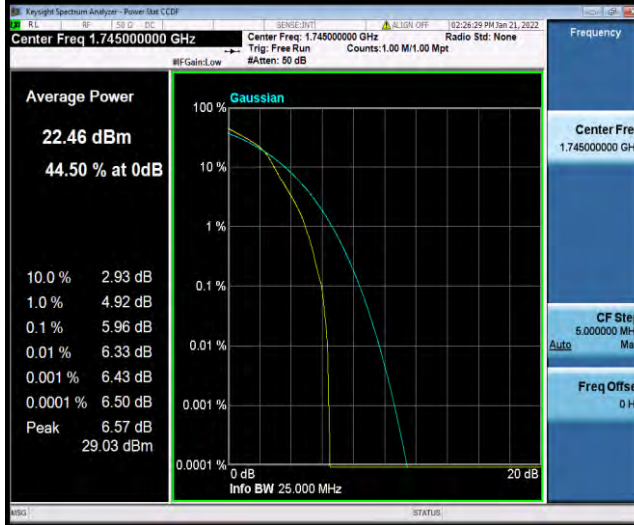




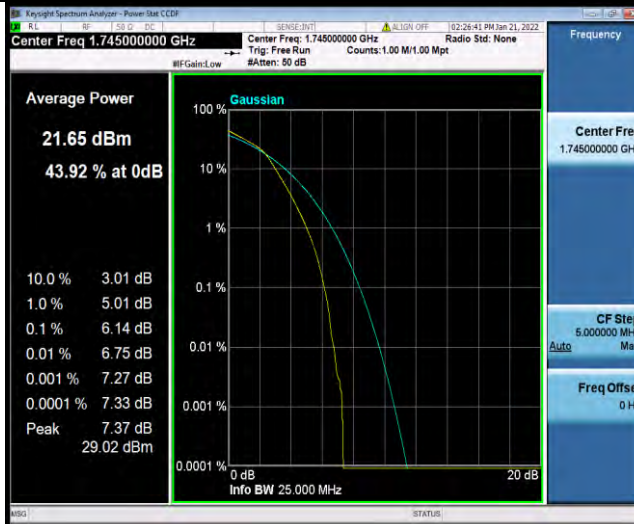
BUREAU VERITAS

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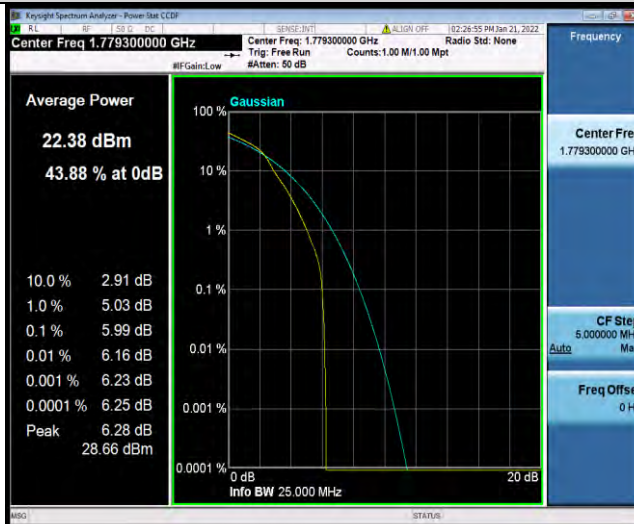
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Band66-1.4MHz-64QAM-132322-6RB#0



Band66-1.4MHz-64QAM-132665-1RB#0



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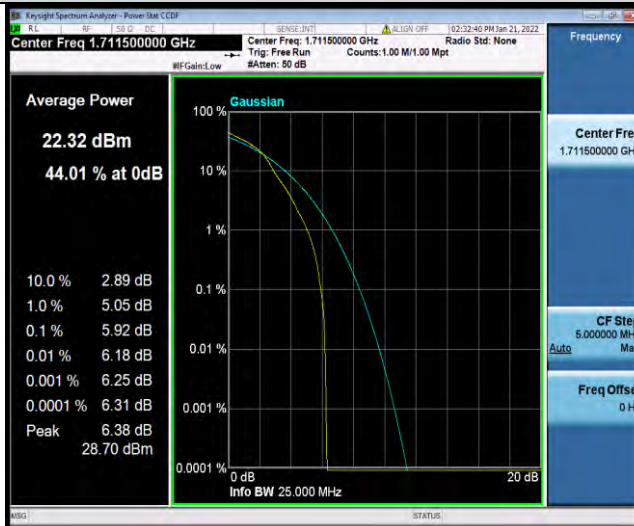


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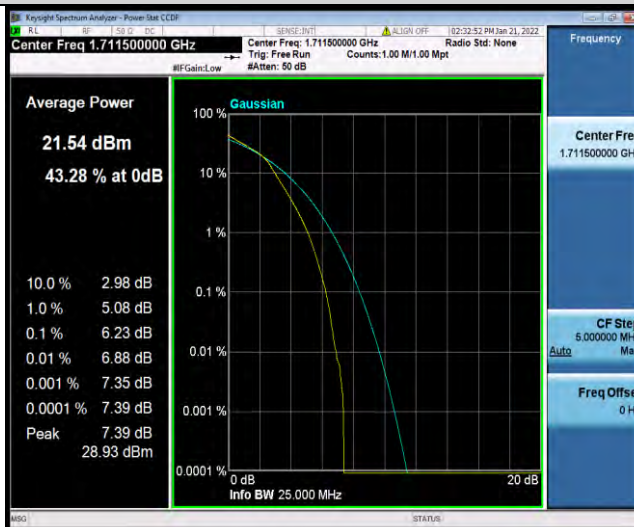
Test Report No.: W7L-P21120038RF05



Band66-3MHz-64QAM-131987-1RB#0



Band66-3MHz-64QAM-131987-15RB#0

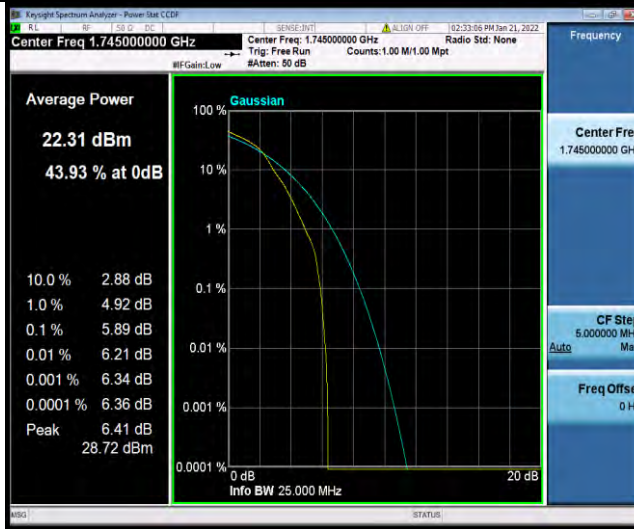


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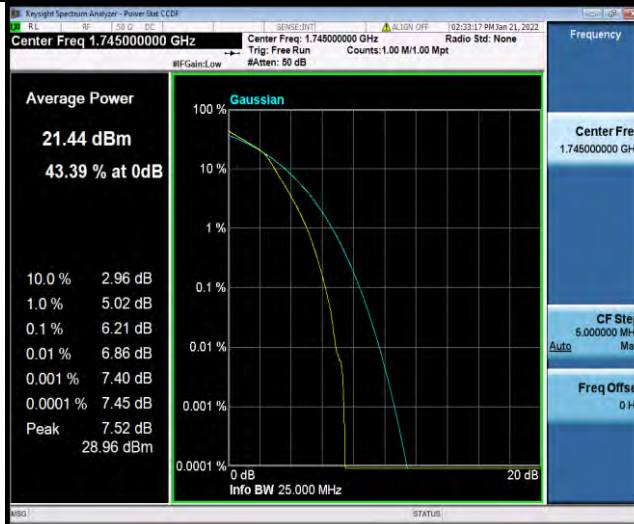


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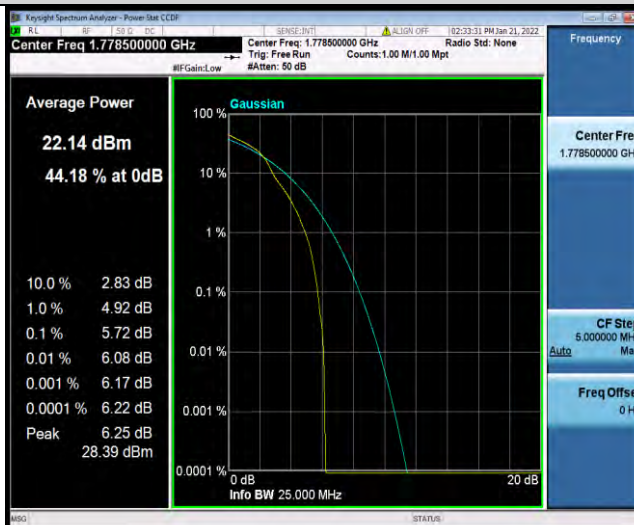
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Band66-3MHz-64QAM-132322-15RB#0



Band66-3MHz-64QAM-132657-1RB#0

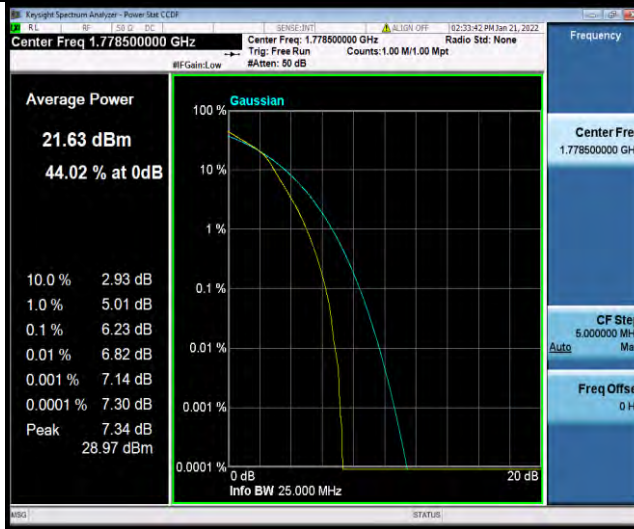


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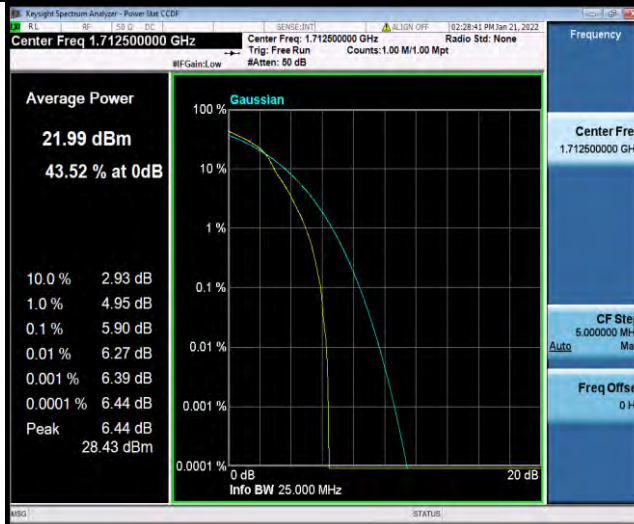


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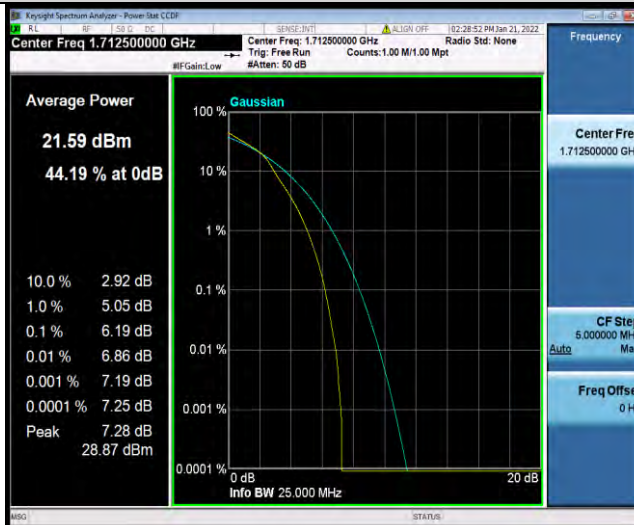
Test Report No.: W7L-P21120038RF05



Band66-5MHz-64QAM-131997-1RB#0



Band66-5MHz-64QAM-131997-25RB#0

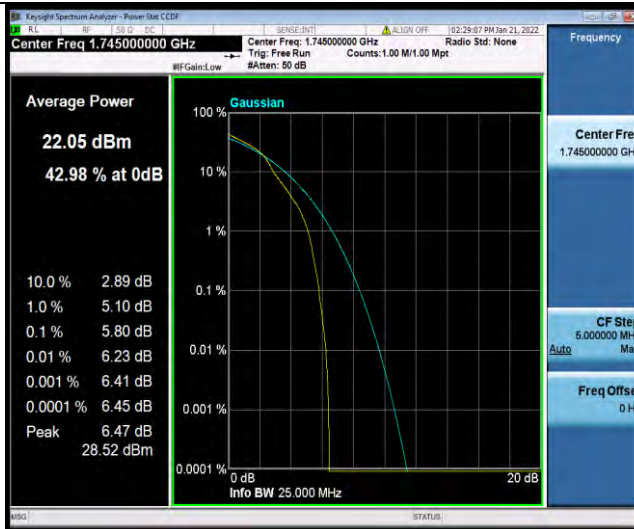


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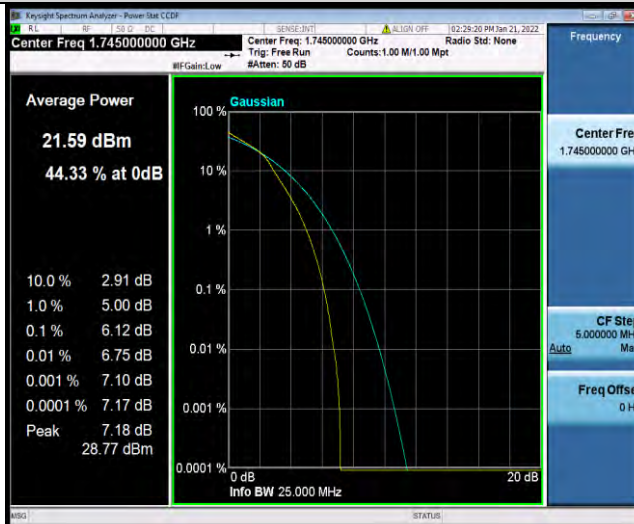


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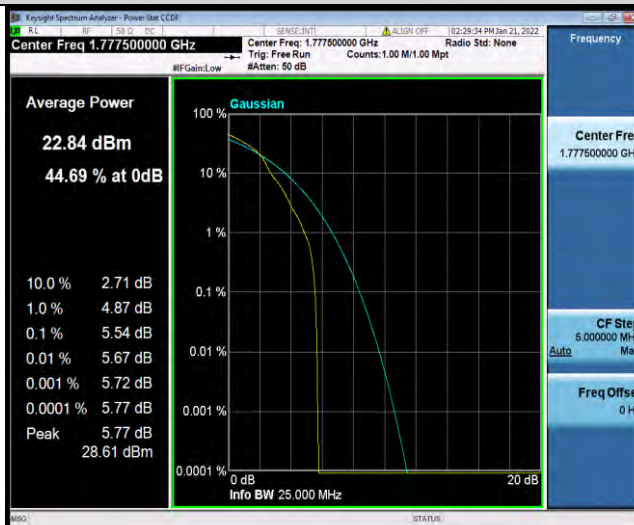
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Band66-5MHz-64QAM-132322-25RB#0



Band66-5MHz-64QAM-132647-1RB#0



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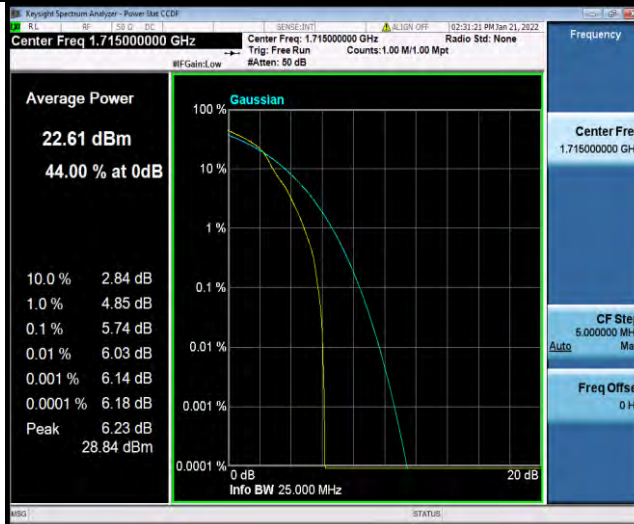


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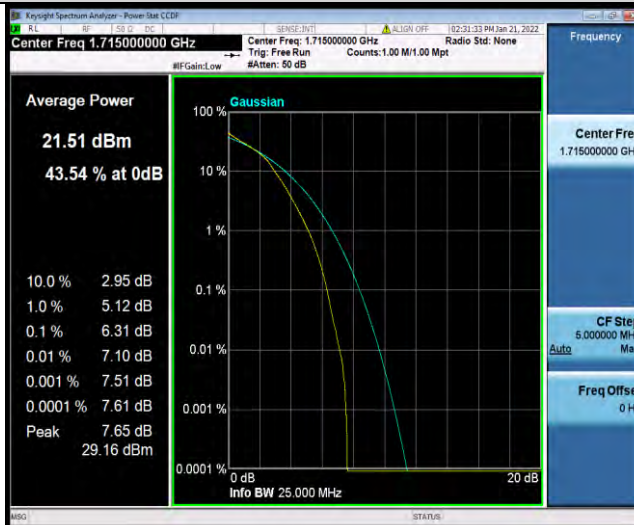
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Band66-10MHz-64QAM-132022-1RB#0



Band66-10MHz-64QAM-132022-50RB#0

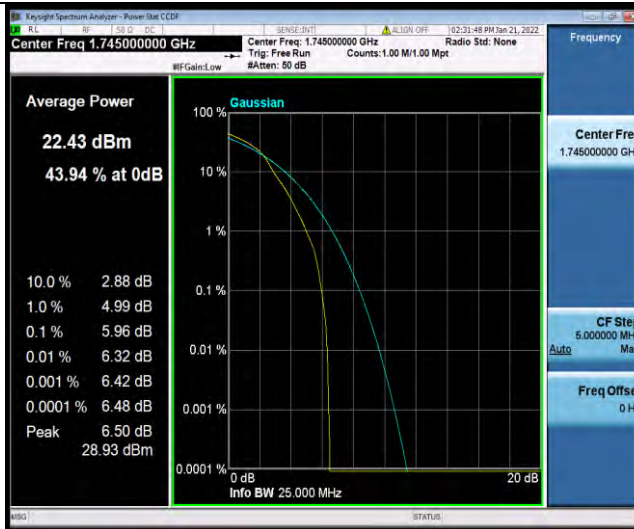


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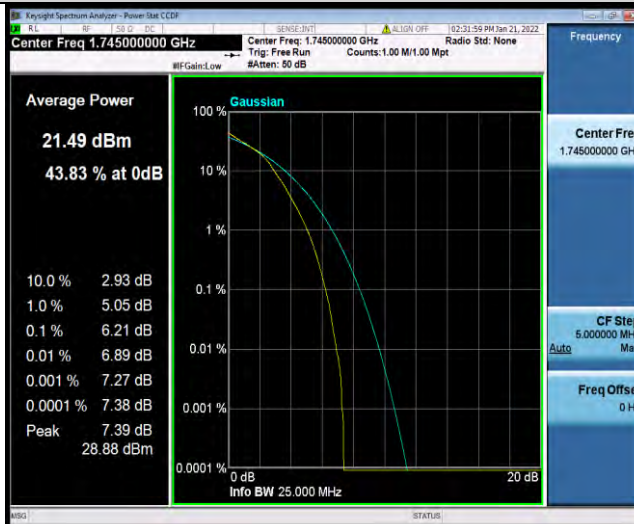


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band66-10MHz-64QAM-132322-50RB#0



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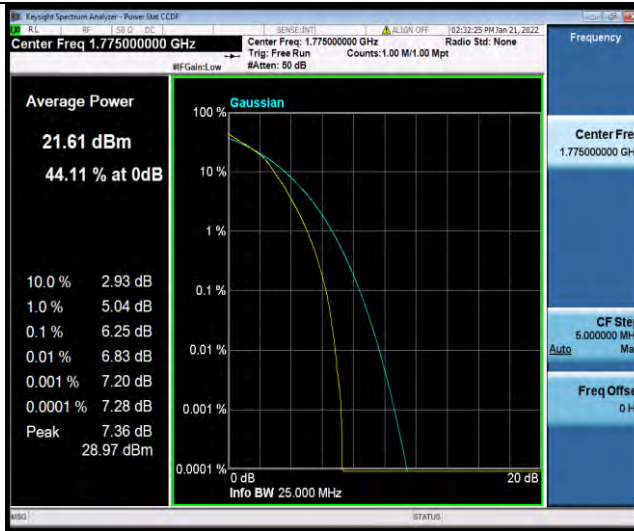


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BUREAU VERITAS

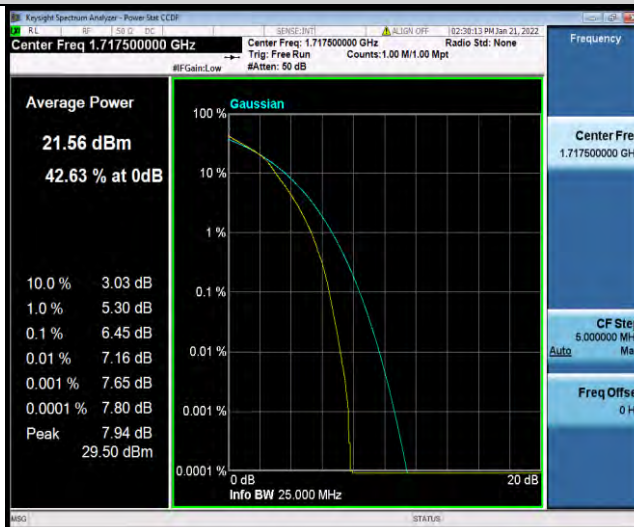
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Band66-15MHz-64QAM-132047-1RB#0



Band66-15MHz-64QAM-132047-75RB#0

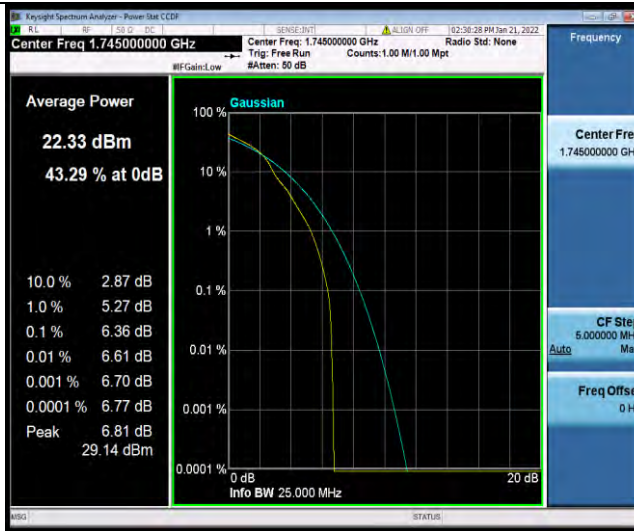


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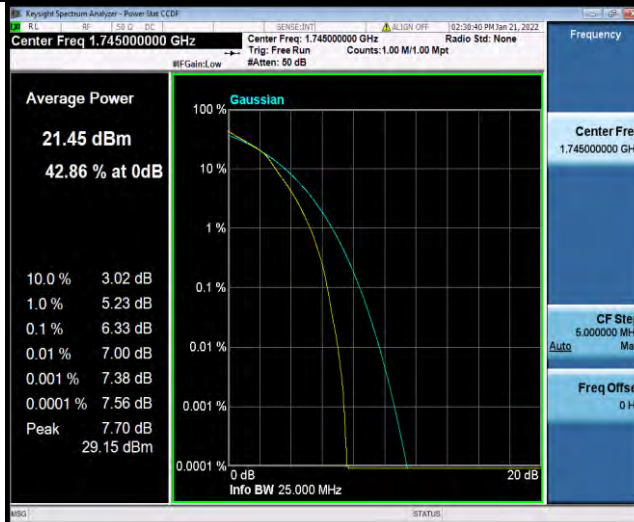


BUREAU
VERITAS

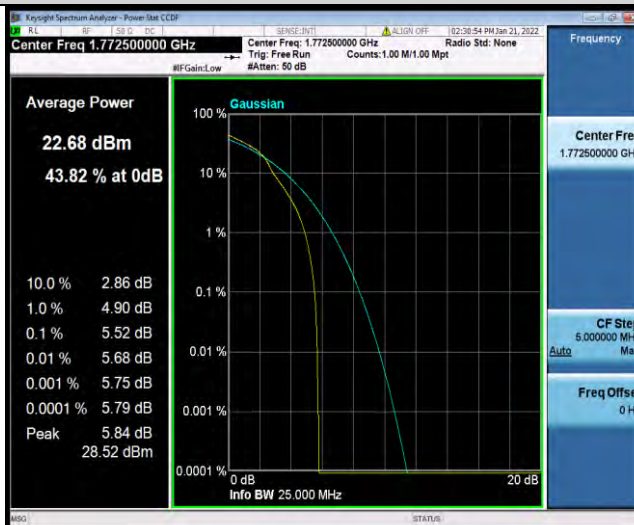
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Band66-15MHz-64QAM-132322-75RB#0



Band66-15MHz-64QAM-132597-1RB#0

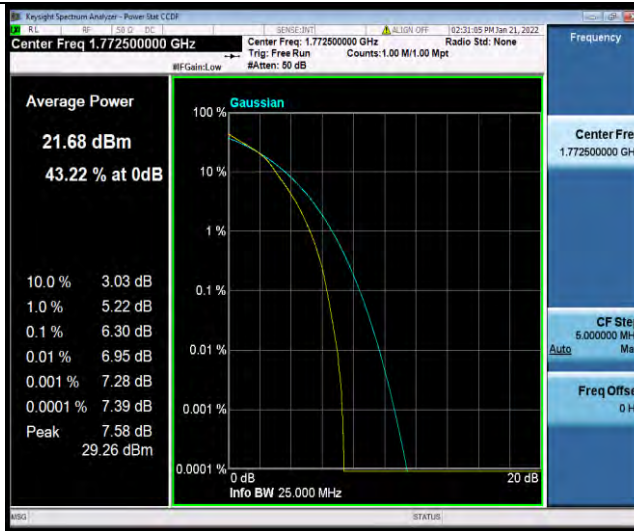


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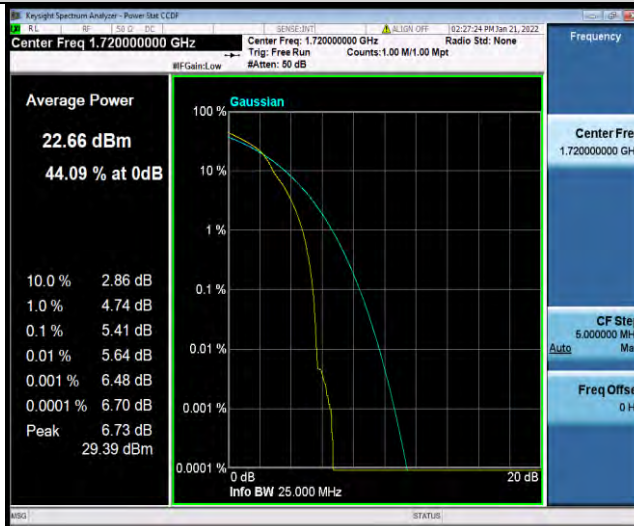


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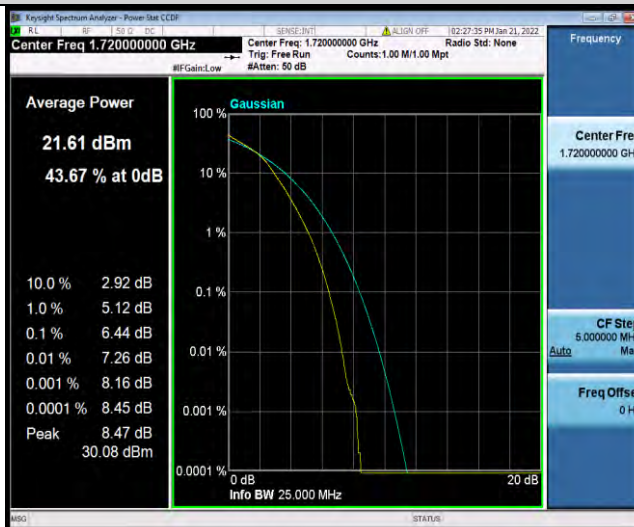
Test Report No.: W7L-P21120038RF05



Band66-20MHz-64QAM-132072-1RB#0



Band66-20MHz-64QAM-132072-100RB#0

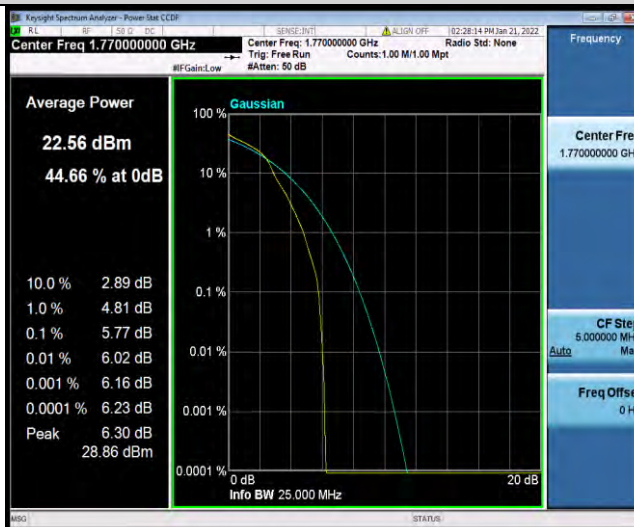
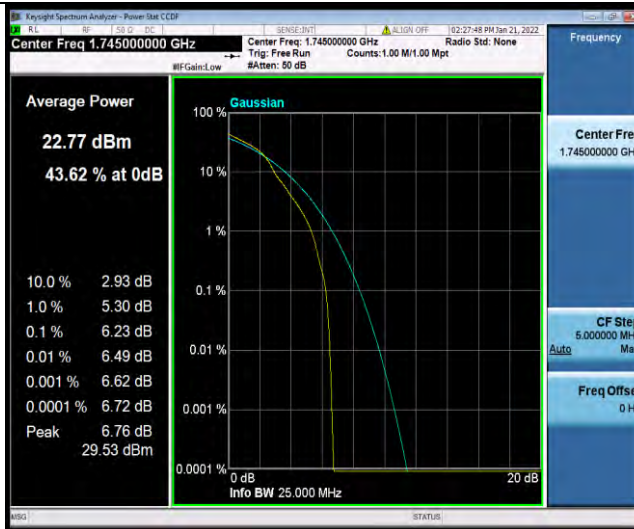


Band66-20MHz-64QAM-132322-1RB#0



BUREAU VERITAS

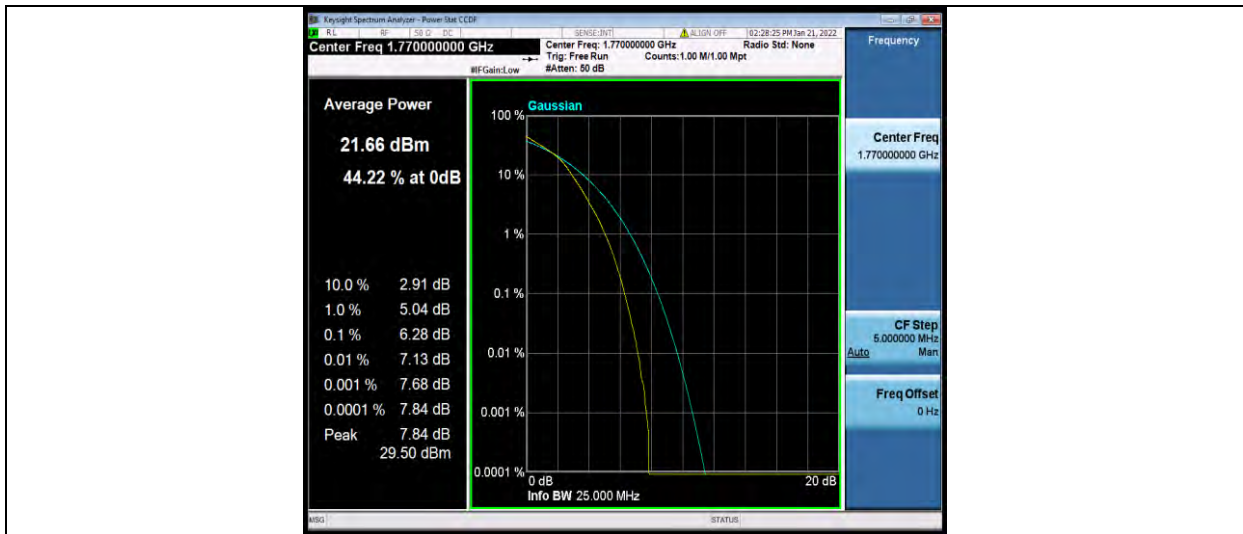
Test Report No.: W7L-P21120038RF05





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VERITAS

Test Report No.: W7L-P21120038RF05





Test Report No.: W7L-P21120038RF05

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band66 | 1.4MHz | QPSK | 131979 | 6RB#0 | 1.0915 | 1.230 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 6RB#0 | 1.0866 | 1.236 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 6RB#0 | 1.0880 | 1.232 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 6RB#0 | 1.0929 | 1.246 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 6RB#0 | 1.0894 | 1.229 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 6RB#0 | 1.0893 | 1.223 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 15RB#0 | 2.6982 | 2.933 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 15RB#0 | 2.6942 | 2.943 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 15RB#0 | 2.7001 | 2.973 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 15RB#0 | 2.6947 | 2.961 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 15RB#0 | 2.6925 | 2.972 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 15RB#0 | 2.6949 | 2.978 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 25RB#0 | 4.4961 | 4.869 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 25RB#0 | 4.5017 | 4.904 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 25RB#0 | 4.4951 | 4.877 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 25RB#0 | 4.5039 | 4.868 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 25RB#0 | 4.4990 | 4.861 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 25RB#0 | 4.4973 | 4.891 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 50RB#0 | 8.9879 | 9.547 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 50RB#0 | 8.9844 | 9.599 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 50RB#0 | 8.9842 | 9.577 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0 | 8.9692 | 9.575 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0 | 8.9659 | 9.599 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0 | 8.9875 | 9.640 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 75RB#0 | 13.465 | 14.28 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 75RB#0 | 13.474 | 14.33 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 75RB#0 | 13.458 | 14.35 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0 | 13.456 | 14.30 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0 | 13.453 | 14.30 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0 | 13.458 | 14.34 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 100RB#0 | 17.972 | 19.01 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 100RB#0 | 17.974 | 19.09 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 100RB#0 | 17.959 | 19.01 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 17.963 | 19.03 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 17.990 | 19.06 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 17.969 | 19.01 | PASS |
| Band66 | 1.4MHz | 64QAM | 131979 | 6RB#0 | 1.0897 | 1.235 | PASS |
| Band66 | 1.4MHz | 64QAM | 132322 | 6RB#0 | 1.0904 | 1.236 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 6RB#0 | 1.0908 | 1.232 | PASS |
| Band66 | 3MHz | 64QAM | 131987 | 15RB#0 | 2.6963 | 2.968 | PASS |
| Band66 | 3MHz | 64QAM | 132322 | 15RB#0 | 2.6956 | 2.968 | PASS |