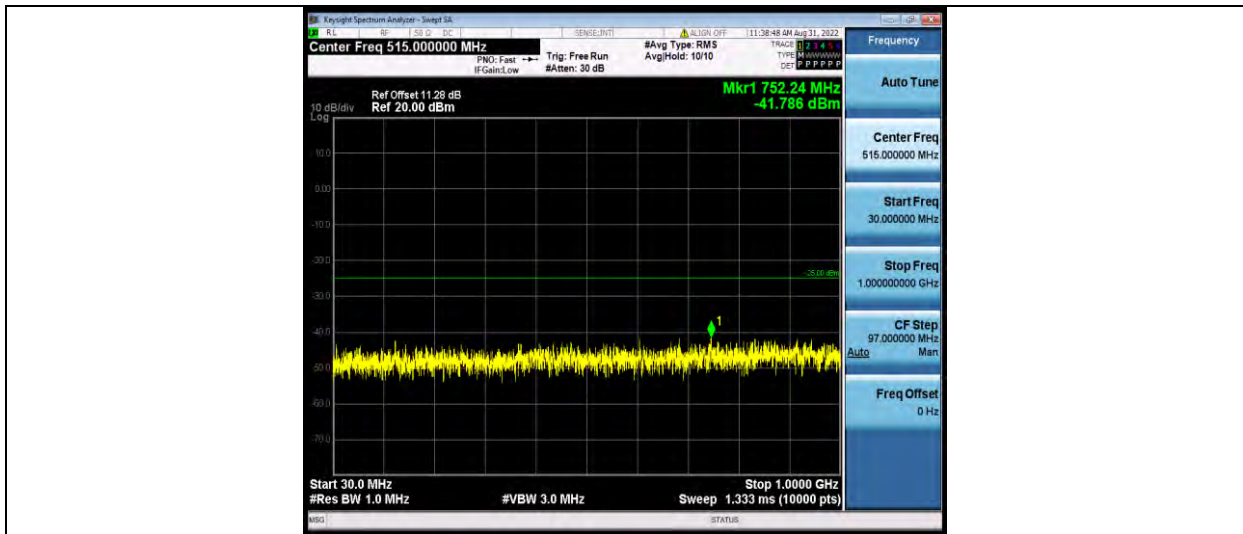


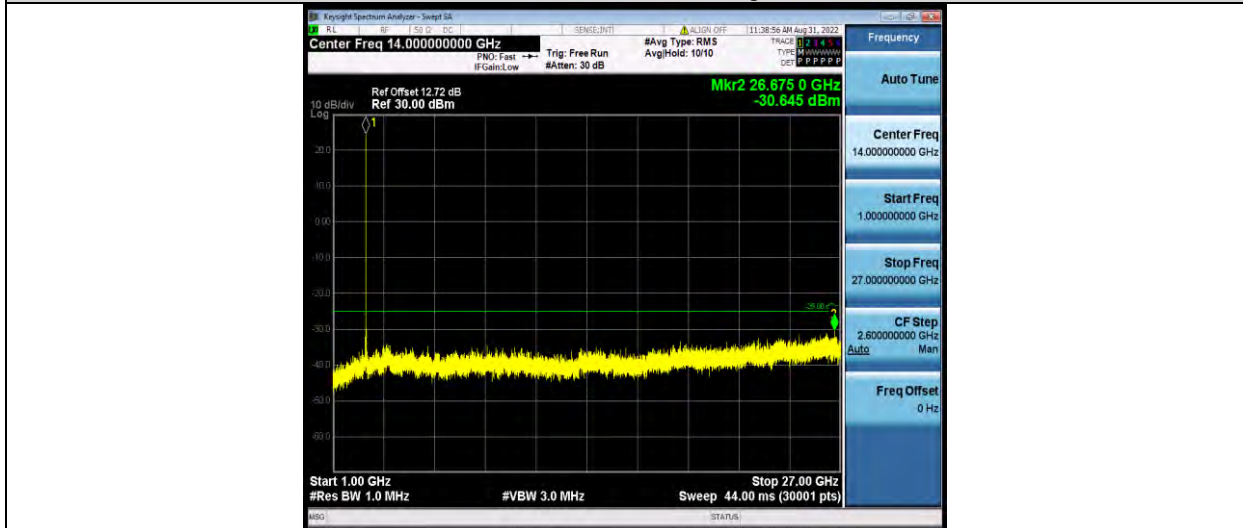


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Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~27000MHz



Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz

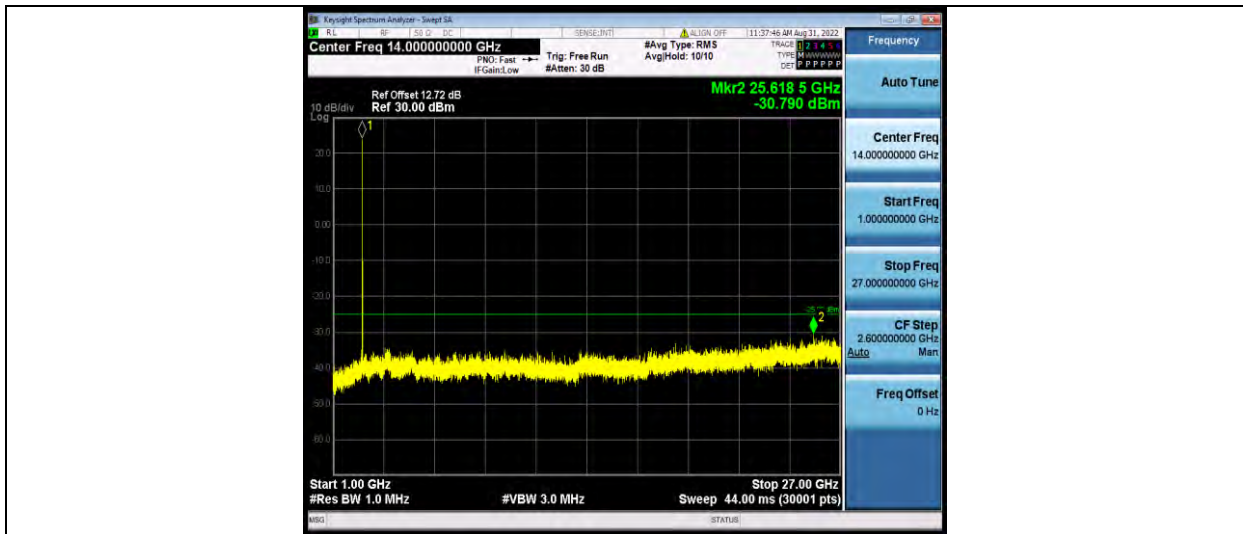


Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~27000MHz

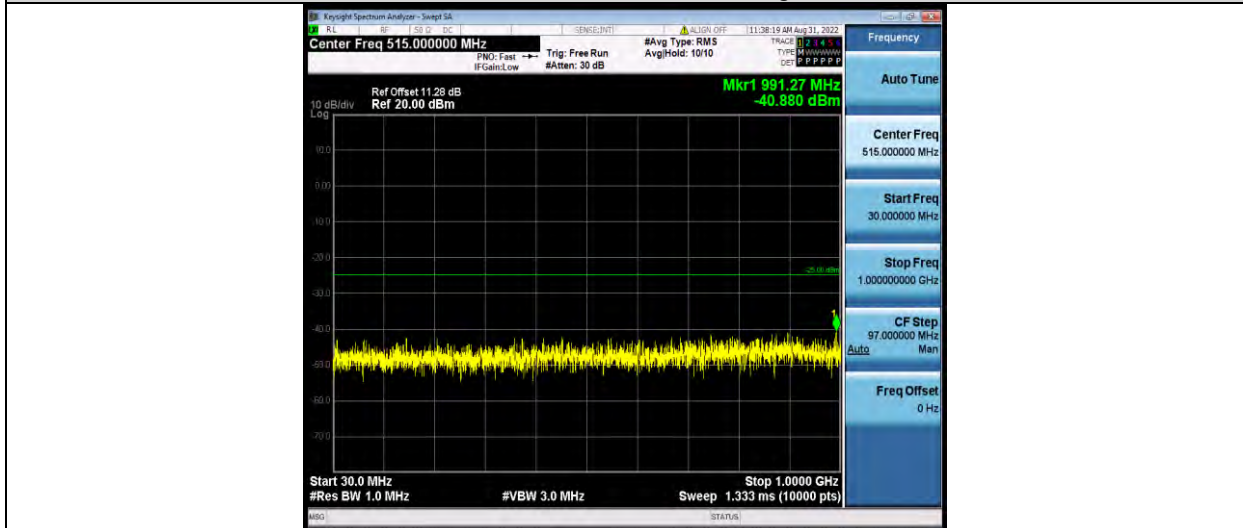


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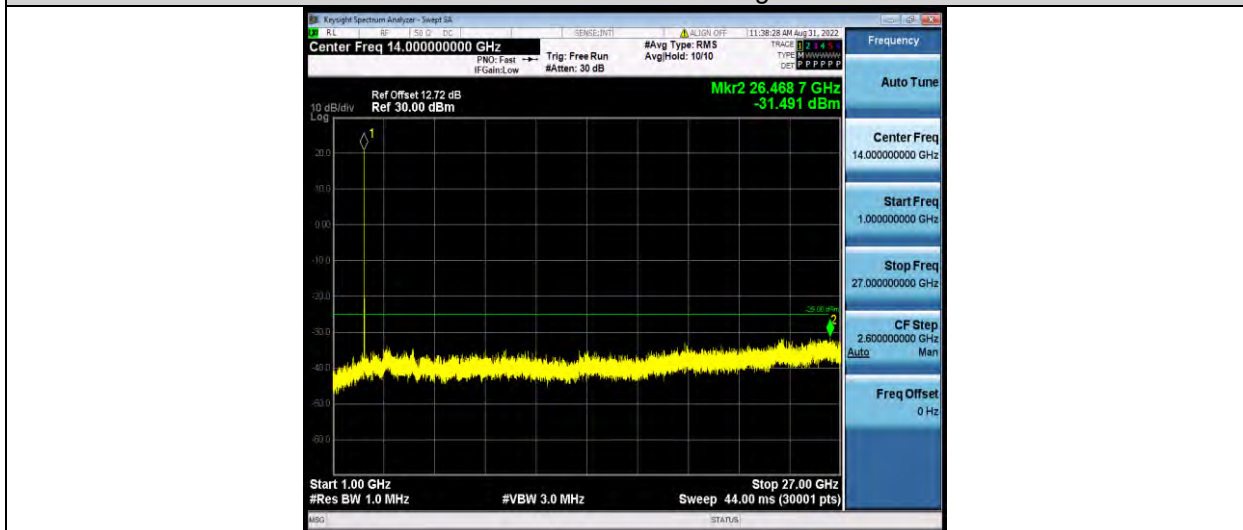
Test Report No.: W7L-P22080003RF06



Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz

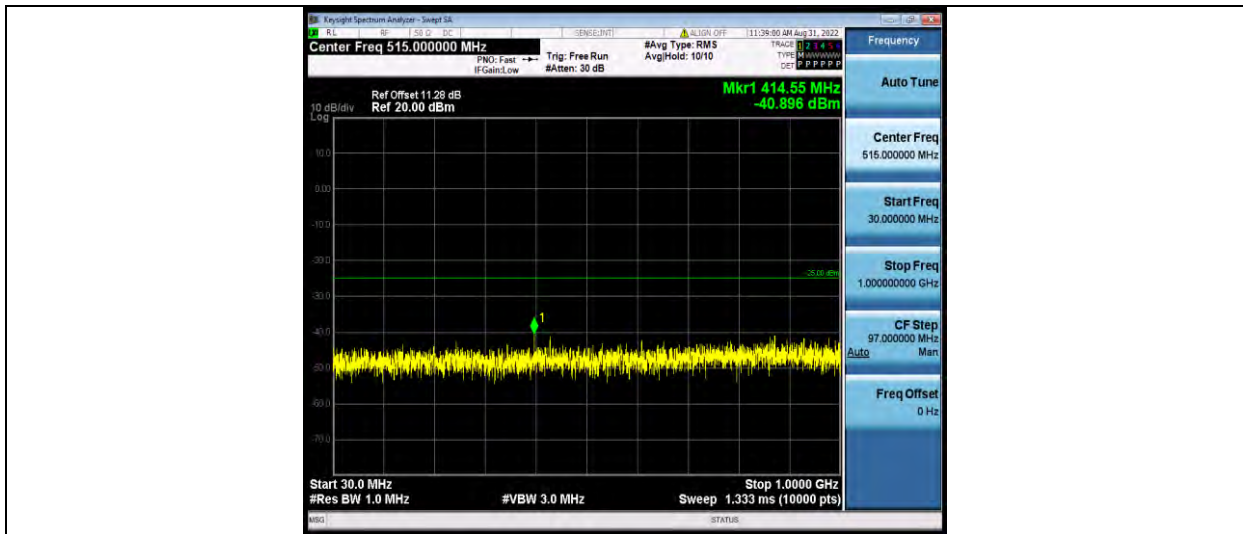


Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz

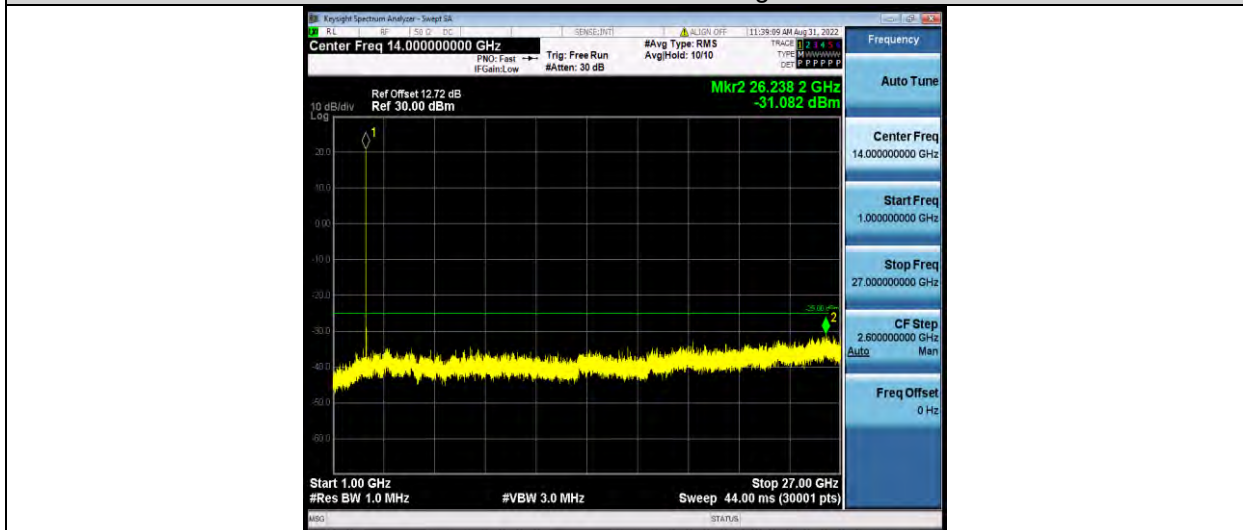


BUREAU VERITAS

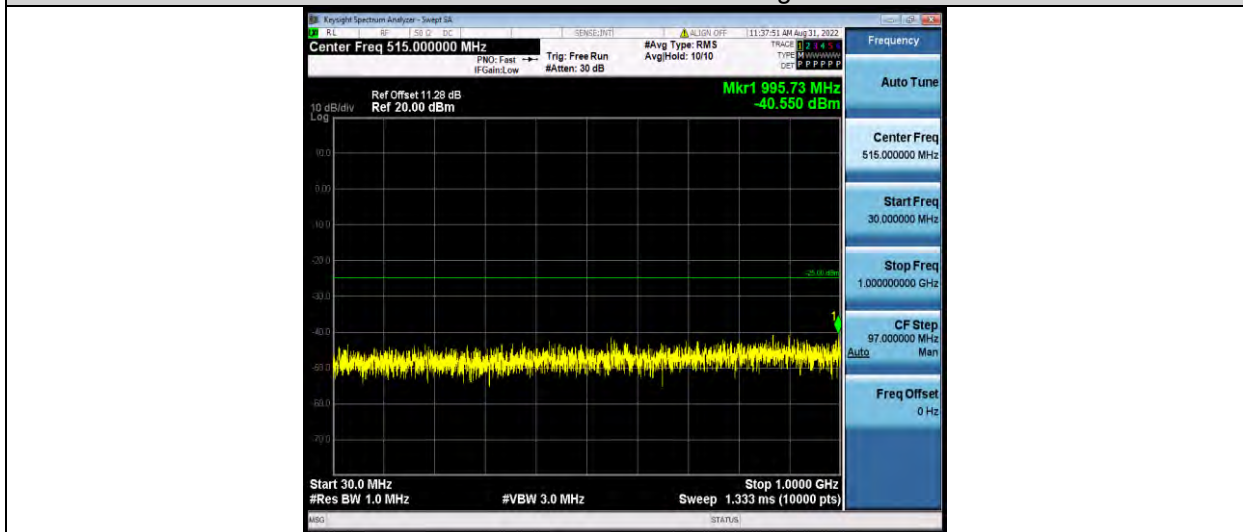
Test Report No.: W7L-P22080003RF06



Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~27000MHz



Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz

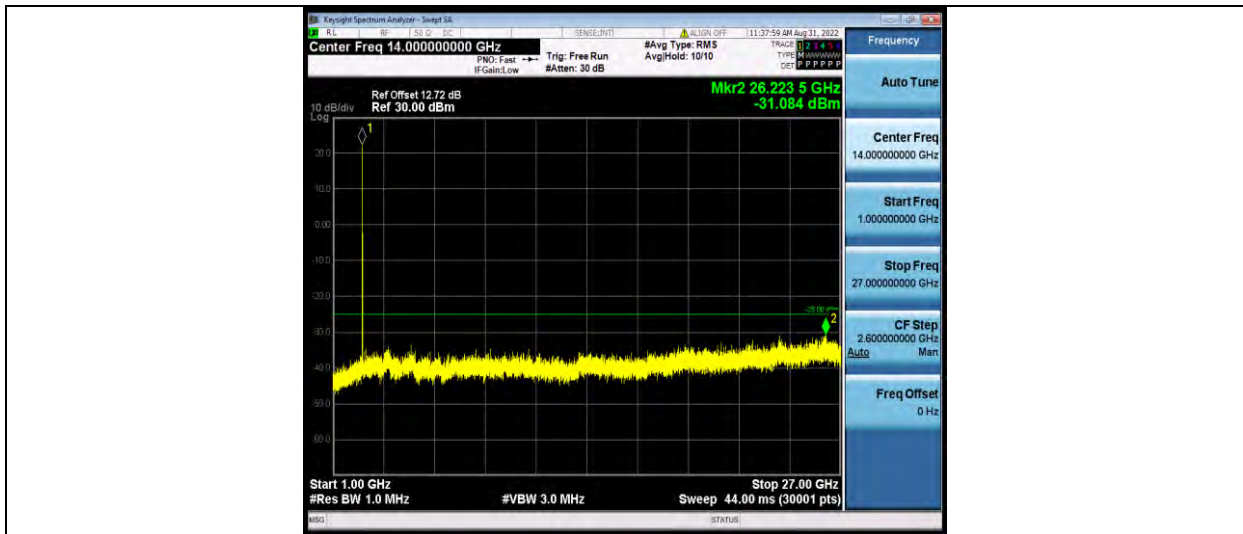


Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~27000MHz

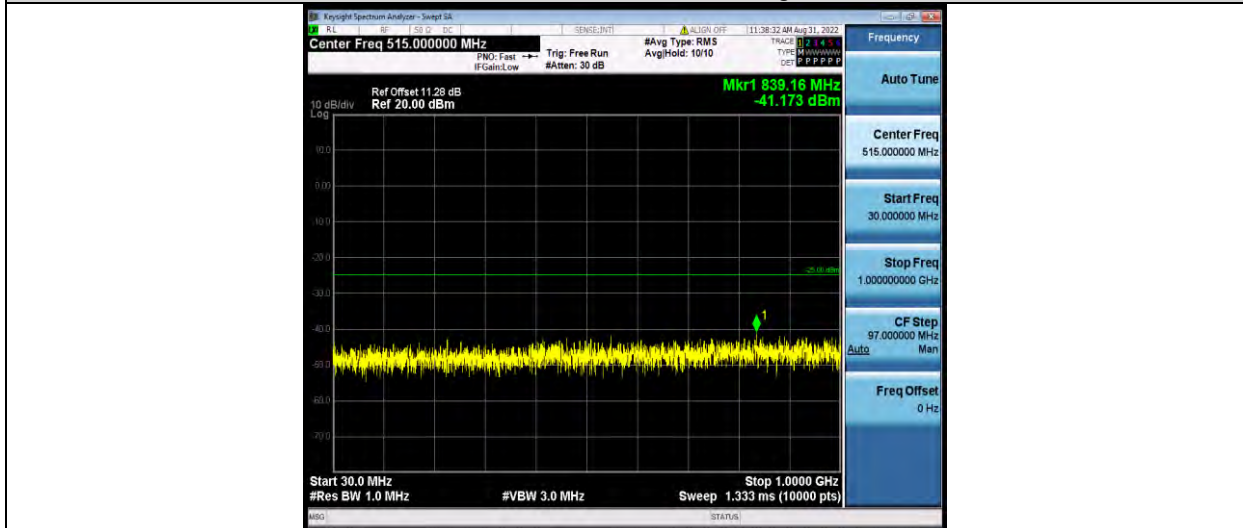


BUREAU VERITAS

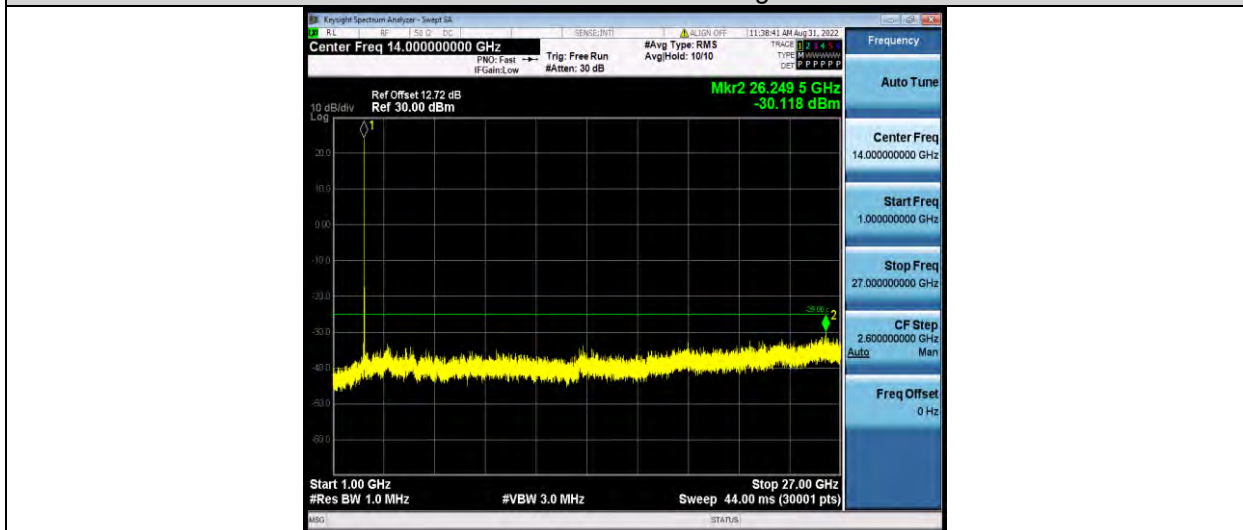
Test Report No.: W7L-P22080003RF06



Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~27000MHz

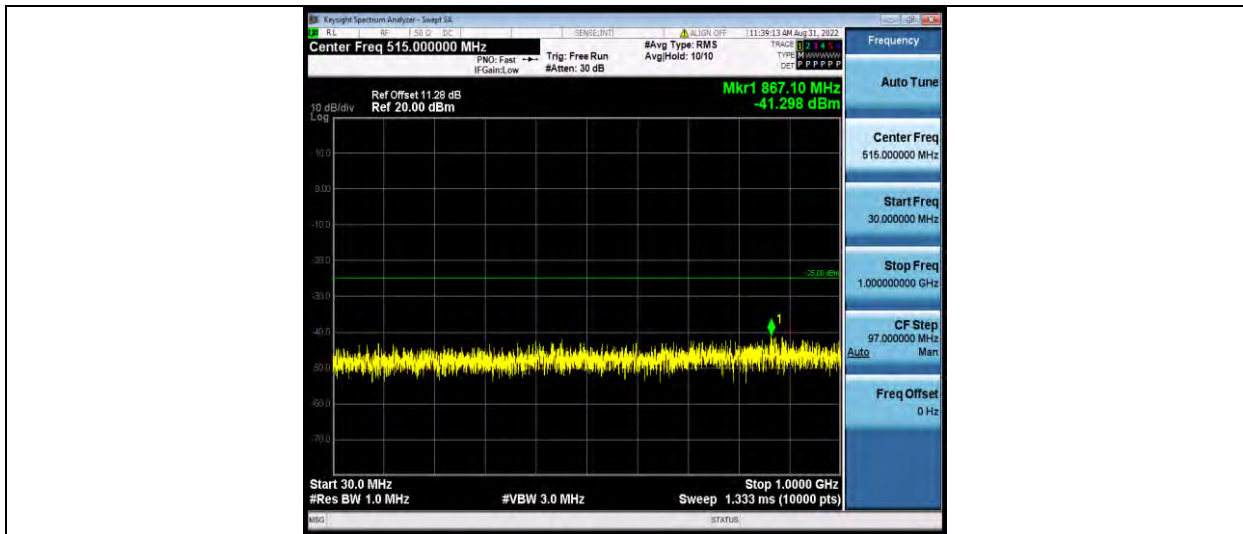


Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz

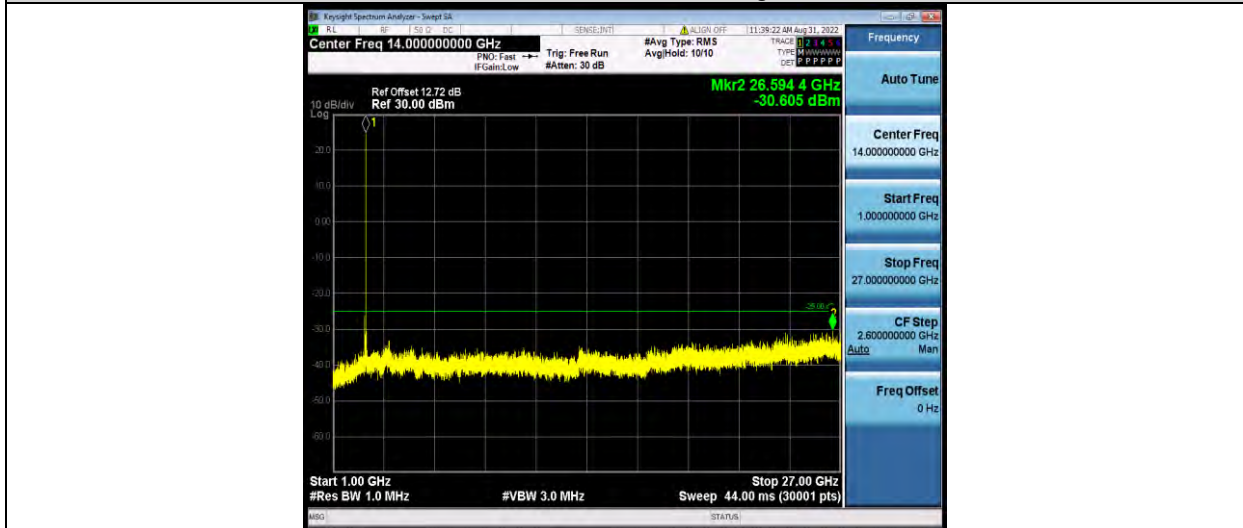


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Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~27000MHz





Test Report No.: W7L-P22080003RF06

## FREQUENCY STABILITY

### Test Result

| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage       |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
|         |           |            |         |              | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| Band4_1 | 5MHz      | QPSK       | 39675   | 25RB#0       | VL            | NT               | 34.70          | 0.013888        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | QPSK       | 39675   | 25RB#0       | VN            | NT               | 21.84          | 0.008741        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | QPSK       | 39675   | 25RB#0       | VH            | NT               | 45.33          | 0.018143        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | QPSK       | 40620   | 25RB#0       | VL            | NT               | 53.79          | 0.020744        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | QPSK       | 40620   | 25RB#0       | VN            | NT               | 37.72          | 0.014547        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | QPSK       | 40620   | 25RB#0       | VH            | NT               | 47.45          | 0.018299        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | QPSK       | 41565   | 25RB#0       | VL            | NT               | -50.97         | -0.018966       | ±2.5        | PASS    |
| Band4_1 | 5MHz      | QPSK       | 41565   | 25RB#0       | VN            | NT               | 9.14           | 0.003401        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | QPSK       | 41565   | 25RB#0       | VH            | NT               | 53.32          | 0.019840        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 39675   | 25RB#0       | VL            | NT               | 33.04          | 0.013224        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 39675   | 25RB#0       | VN            | NT               | 54.45          | 0.021793        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 39675   | 25RB#0       | VH            | NT               | 39.57          | 0.015838        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 40620   | 25RB#0       | VL            | NT               | 26.19          | 0.010100        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 40620   | 25RB#0       | VN            | NT               | 8.64           | 0.003332        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 40620   | 25RB#0       | VH            | NT               | 11.99          | 0.004624        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 41565   | 25RB#0       | VL            | NT               | 27.72          | 0.010314        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 41565   | 25RB#0       | VN            | NT               | 29.61          | 0.011018        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 16QAM      | 41565   | 25RB#0       | VH            | NT               | 30.60          | 0.011386        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 64QAM      | 39675   | 25RB#0       | VL            | NT               | 31.30          | 0.012528        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 64QAM      | 39675   | 25RB#0       | VN            | NT               | 7.44           | 0.002978        | ±2.5        | PASS    |
| Band4_1 | 5MHz      | 64QAM      | 39675   | 25RB#0       | VH            | NT               | 37.62          | 0.015057        | ±2.5        | PASS    |



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|            |       |       |       |        |    |    |        |           |      |      |
|------------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| Band4<br>1 | 5MHz  | 64QAM | 40620 | 25RB#0 | VL | NT | 13.33  | 0.005141  | ±2.5 | PASS |
| Band4<br>1 | 5MHz  | 64QAM | 40620 | 25RB#0 | VN | NT | 38.47  | 0.014836  | ±2.5 | PASS |
| Band4<br>1 | 5MHz  | 64QAM | 40620 | 25RB#0 | VH | NT | 6.21   | 0.002395  | ±2.5 | PASS |
| Band4<br>1 | 5MHz  | 64QAM | 41565 | 25RB#0 | VL | NT | 17.18  | 0.006393  | ±2.5 | PASS |
| Band4<br>1 | 5MHz  | 64QAM | 41565 | 25RB#0 | VN | NT | 32.84  | 0.012220  | ±2.5 | PASS |
| Band4<br>1 | 5MHz  | 64QAM | 41565 | 25RB#0 | VH | NT | 40.74  | 0.015159  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 39700 | 50RB#0 | VL | NT | 52.56  | 0.021016  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 39700 | 50RB#0 | VN | NT | 26.85  | 0.010736  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 39700 | 50RB#0 | VH | NT | 18.71  | 0.007481  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 40620 | 50RB#0 | VL | NT | 7.15   | 0.002757  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 40620 | 50RB#0 | VN | NT | 21.66  | 0.008353  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 40620 | 50RB#0 | VH | NT | 12.16  | 0.004690  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 41540 | 50RB#0 | VL | NT | -27.27 | -0.010156 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 41540 | 50RB#0 | VN | NT | 22.32  | 0.008313  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 41540 | 50RB#0 | VH | NT | -29.67 | -0.011050 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 39700 | 50RB#0 | VL | NT | -6.69  | -0.002675 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 39700 | 50RB#0 | VN | NT | -14.56 | -0.005822 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 39700 | 50RB#0 | VH | NT | -34.72 | -0.013882 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 40620 | 50RB#0 | VL | NT | 24.23  | 0.009344  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 40620 | 50RB#0 | VN | NT | 9.08   | 0.003502  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 40620 | 50RB#0 | VH | NT | 29.50  | 0.011377  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 41540 | 50RB#0 | VL | NT | -20.61 | -0.007676 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 41540 | 50RB#0 | VN | NT | -30.24 | -0.011263 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 41540 | 50RB#0 | VH | NT | 7.67   | 0.002857  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 39700 | 50RB#0 | VL | NT | -35.00 | -0.013994 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 39700 | 50RB#0 | VN | NT | 17.27  | 0.006905  | ±2.5 | PASS |
| Band4      | 10MHz | 64QAM | 39700 | 50RB#0 | VH | NT | 33.33  | 0.013327  | ±2.5 | PASS |



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|            |       |       |       |        |    |    |        |           |      |      |
|------------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| 1          |       |       |       |        |    |    |        |           |      |      |
| Band4<br>1 | 10MHz | 64QAM | 40620 | 50RB#0 | VL | NT | 30.04  | 0.011585  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 40620 | 50RB#0 | VN | NT | 21.72  | 0.008376  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 40620 | 50RB#0 | VH | NT | 31.14  | 0.012009  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 41540 | 50RB#0 | VL | NT | 40.14  | 0.014950  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 41540 | 50RB#0 | VN | NT | 54.22  | 0.020194  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 41540 | 50RB#0 | VH | NT | 10.99  | 0.004093  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 39725 | 75RB#0 | VL | NT | 10.03  | 0.004006  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 39725 | 75RB#0 | VN | NT | -26.81 | -0.010709 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 39725 | 75RB#0 | VH | NT | -42.00 | -0.016777 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 40620 | 75RB#0 | VL | NT | -25.71 | -0.009915 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 40620 | 75RB#0 | VN | NT | 15.05  | 0.005804  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 40620 | 75RB#0 | VH | NT | 7.52   | 0.002900  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 41515 | 75RB#0 | VL | NT | -38.52 | -0.014360 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 41515 | 75RB#0 | VN | NT | -8.68  | -0.003236 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 41515 | 75RB#0 | VH | NT | 14.18  | 0.005286  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 39725 | 75RB#0 | VL | NT | 29.71  | 0.011867  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 39725 | 75RB#0 | VN | NT | -1.76  | -0.000703 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 39725 | 75RB#0 | VH | NT | 52.56  | 0.020995  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 40620 | 75RB#0 | VL | NT | 41.81  | 0.016124  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 40620 | 75RB#0 | VN | NT | 53.44  | 0.020609  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 40620 | 75RB#0 | VH | NT | -12.70 | -0.004898 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 41515 | 75RB#0 | VL | NT | -20.59 | -0.007676 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 41515 | 75RB#0 | VN | NT | -14.65 | -0.005461 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 41515 | 75RB#0 | VH | NT | 13.45  | 0.005014  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 39725 | 75RB#0 | VL | NT | 33.63  | 0.013433  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 39725 | 75RB#0 | VN | NT | -13.93 | -0.005564 | ±2.5 | PASS |





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|            |       |       |       |         |    |    |        |           |      |      |
|------------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band4<br>1 | 15MHz | 64QAM | 39725 | 75RB#0  | VH | NT | -21.92 | -0.008756 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 40620 | 75RB#0  | VL | NT | 38.87  | 0.014990  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 40620 | 75RB#0  | VN | NT | 29.37  | 0.011327  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 40620 | 75RB#0  | VH | NT | -33.47 | -0.012908 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 41515 | 75RB#0  | VL | NT | 21.31  | 0.007944  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 41515 | 75RB#0  | VN | NT | 37.89  | 0.014125  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 41515 | 75RB#0  | VH | NT | 50.31  | 0.018755  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 39750 | 100RB#0 | VL | NT | 9.08   | 0.003623  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 39750 | 100RB#0 | VN | NT | -8.25  | -0.003292 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 39750 | 100RB#0 | VH | NT | 12.12  | 0.004836  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 40620 | 100RB#0 | VL | NT | 13.76  | 0.005307  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 40620 | 100RB#0 | VN | NT | 15.34  | 0.005916  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 40620 | 100RB#0 | VH | NT | 19.81  | 0.007640  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 41490 | 100RB#0 | VL | NT | -58.15 | -0.021698 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 41490 | 100RB#0 | VN | NT | -24.03 | -0.008966 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 41490 | 100RB#0 | VH | NT | 51.77  | 0.019317  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 39750 | 100RB#0 | VL | NT | -28.65 | -0.011433 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 39750 | 100RB#0 | VN | NT | -37.72 | -0.015052 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 39750 | 100RB#0 | VH | NT | -19.97 | -0.007969 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 40620 | 100RB#0 | VL | NT | 55.43  | 0.021377  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 40620 | 100RB#0 | VN | NT | 39.31  | 0.015160  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 40620 | 100RB#0 | VH | NT | 30.37  | 0.011712  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 41490 | 100RB#0 | VL | NT | -14.48 | -0.005403 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 41490 | 100RB#0 | VN | NT | 24.70  | 0.009216  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 41490 | 100RB#0 | VH | NT | 22.43  | 0.008369  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 39750 | 100RB#0 | VL | NT | 33.09  | 0.013204  | ±2.5 | PASS |
| Band4      | 20MHz | 64QAM | 39750 | 100RB#0 | VN | NT | 17.52  | 0.006991  | ±2.5 | PASS |



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|            |       |       |       |         |    |    |        |           |      |      |
|------------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| 1          |       |       |       |         |    |    |        |           |      |      |
| Band4<br>1 | 20MHz | 64QAM | 39750 | 100RB#0 | VH | NT | 44.78  | 0.017869  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 40620 | 100RB#0 | VL | NT | 8.47   | 0.003266  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 40620 | 100RB#0 | VN | NT | -22.89 | -0.008828 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 40620 | 100RB#0 | VH | NT | 24.48  | 0.009441  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 41490 | 100RB#0 | VL | NT | 55.38  | 0.020664  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 41490 | 100RB#0 | VN | NT | 26.08  | 0.009731  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 41490 | 100RB#0 | VH | NT | 9.37   | 0.003496  | ±2.5 | PASS |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4<br>1  | 5MHz      | QPSK       | 39675   | 25RB#0       | NV            | -30              | 11.10          | 0.004443        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 39675   | 25RB#0       | NV            | -20              | 19.61          | 0.007849        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 39675   | 25RB#0       | NV            | 0                | 28.57          | 0.011435        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 39675   | 25RB#0       | NV            | 10               | 16.16          | 0.006468        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 39675   | 25RB#0       | NV            | 20               | -49.10         | -0.019652       | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 40620   | 25RB#0       | NV            | -30              | 14.55          | 0.005611        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 40620   | 25RB#0       | NV            | -20              | 10.01          | 0.003860        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 40620   | 25RB#0       | NV            | 0                | 40.07          | 0.015453        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 40620   | 25RB#0       | NV            | 10               | 39.35          | 0.015175        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 40620   | 25RB#0       | NV            | 20               | 36.86          | 0.014215        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 41565   | 25RB#0       | NV            | -30              | 27.82          | 0.010352        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 41565   | 25RB#0       | NV            | -20              | 44.03          | 0.016383        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 41565   | 25RB#0       | NV            | 0                | -4.25          | -0.001581       | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 41565   | 25RB#0       | NV            | 10               | -9.60          | -0.003572       | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | QPSK       | 41565   | 25RB#0       | NV            | 20               | 29.03          | 0.010802        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | 16QAM      | 39675   | 25RB#0       | NV            | -30              | 43.86          | 0.017555        | ±2.5        | PASS    |
| Band4<br>1  | 5MHz      | 16QAM      | 39675   | 25RB#0       | NV            | -20              | 34.35          | 0.013748        | ±2.5        | PASS    |



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|            |      |       |       |        |    |     |        |           |      |      |
|------------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 1          |      |       |       |        |    |     |        |           |      |      |
| Band4<br>1 | 5MHz | 16QAM | 39675 | 25RB#0 | NV | 0   | 40.67  | 0.016278  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 39675 | 25RB#0 | NV | 10  | 52.17  | 0.020881  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 39675 | 25RB#0 | NV | 20  | 22.10  | 0.008845  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 40620 | 25RB#0 | NV | -30 | 22.60  | 0.008716  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 40620 | 25RB#0 | NV | -20 | 12.42  | 0.004790  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 40620 | 25RB#0 | NV | 0   | 46.11  | 0.017782  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 40620 | 25RB#0 | NV | 10  | 39.57  | 0.015260  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 40620 | 25RB#0 | NV | 20  | -10.71 | -0.004130 | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 41565 | 25RB#0 | NV | -30 | 49.01  | 0.018236  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 41565 | 25RB#0 | NV | -20 | 5.18   | 0.001927  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 41565 | 25RB#0 | NV | 0   | -11.96 | -0.004450 | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 41565 | 25RB#0 | NV | 10  | 17.57  | 0.006538  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 16QAM | 41565 | 25RB#0 | NV | 20  | -5.91  | -0.002199 | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 39675 | 25RB#0 | NV | -30 | 16.61  | 0.006648  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 39675 | 25RB#0 | NV | -20 | -24.19 | -0.009682 | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 39675 | 25RB#0 | NV | 0   | 5.46   | 0.002185  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 39675 | 25RB#0 | NV | 10  | 58.54  | 0.023430  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 39675 | 25RB#0 | NV | 20  | 26.08  | 0.010438  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 40620 | 25RB#0 | NV | -30 | 54.09  | 0.020860  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 40620 | 25RB#0 | NV | -20 | 14.62  | 0.005638  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 40620 | 25RB#0 | NV | 0   | 35.85  | 0.013826  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 40620 | 25RB#0 | NV | 10  | 30.63  | 0.011813  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 40620 | 25RB#0 | NV | 20  | 37.65  | 0.014520  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 41565 | 25RB#0 | NV | -30 | 11.03  | 0.004104  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 41565 | 25RB#0 | NV | -20 | 22.44  | 0.008350  | ±2.5 | PASS |
| Band4<br>1 | 5MHz | 64QAM | 41565 | 25RB#0 | NV | 0   | 41.11  | 0.015297  | ±2.5 | PASS |



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|            |       |       |       |        |    |     |        |           |      |      |
|------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band4<br>1 | 5MHz  | 64QAM | 41565 | 25RB#0 | NV | 10  | 6.77   | 0.002519  | ±2.5 | PASS |
| Band4<br>1 | 5MHz  | 64QAM | 41565 | 25RB#0 | NV | 20  | 24.50  | 0.009116  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 39700 | 50RB#0 | NV | -30 | 25.16  | 0.010060  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 39700 | 50RB#0 | NV | -20 | 48.51  | 0.019396  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 39700 | 50RB#0 | NV | 0   | 50.31  | 0.020116  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 39700 | 50RB#0 | NV | 10  | 42.03  | 0.016805  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 39700 | 50RB#0 | NV | 20  | -10.93 | -0.004370 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 40620 | 50RB#0 | NV | -30 | -12.96 | -0.004998 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 40620 | 50RB#0 | NV | -20 | 20.38  | 0.007860  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 40620 | 50RB#0 | NV | 0   | 17.84  | 0.006880  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 40620 | 50RB#0 | NV | 10  | -14.53 | -0.005604 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 40620 | 50RB#0 | NV | 20  | -8.91  | -0.003436 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 41540 | 50RB#0 | NV | -30 | 32.23  | 0.012004  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 41540 | 50RB#0 | NV | -20 | 44.27  | 0.016488  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 41540 | 50RB#0 | NV | 0   | 29.83  | 0.011110  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 41540 | 50RB#0 | NV | 10  | 31.51  | 0.011736  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | QPSK  | 41540 | 50RB#0 | NV | 20  | -24.16 | -0.008998 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 39700 | 50RB#0 | NV | -30 | 36.44  | 0.014570  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 39700 | 50RB#0 | NV | -20 | 48.21  | 0.019276  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 39700 | 50RB#0 | NV | 0   | 19.67  | 0.007865  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 39700 | 50RB#0 | NV | 10  | 36.54  | 0.014610  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 39700 | 50RB#0 | NV | 20  | 36.16  | 0.014458  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 40620 | 50RB#0 | NV | -30 | 40.17  | 0.015492  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 40620 | 50RB#0 | NV | -20 | 36.75  | 0.014173  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 40620 | 50RB#0 | NV | 0   | 24.91  | 0.009607  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 40620 | 50RB#0 | NV | 10  | 32.20  | 0.012418  | ±2.5 | PASS |
| Band4      | 10MHz | 16QAM | 40620 | 50RB#0 | NV | 20  | 27.77  | 0.010710  | ±2.5 | PASS |



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|            |       |       |       |        |    |     |        |           |      |      |
|------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 1          |       |       |       |        |    |     |        |           |      |      |
| Band4<br>1 | 10MHz | 16QAM | 41540 | 50RB#0 | NV | -30 | 22.80  | 0.008492  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 41540 | 50RB#0 | NV | -20 | 59.04  | 0.021989  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 41540 | 50RB#0 | NV | 0   | 61.07  | 0.022745  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 41540 | 50RB#0 | NV | 10  | 53.56  | 0.019948  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 16QAM | 41540 | 50RB#0 | NV | 20  | -22.99 | -0.008562 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 39700 | 50RB#0 | NV | -30 | 54.23  | 0.021683  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 39700 | 50RB#0 | NV | -20 | 29.31  | 0.011719  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 39700 | 50RB#0 | NV | 0   | 18.84  | 0.007533  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 39700 | 50RB#0 | NV | 10  | -58.25 | -0.023291 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 39700 | 50RB#0 | NV | 20  | 9.94   | 0.003974  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 40620 | 50RB#0 | NV | -30 | 48.78  | 0.018812  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 40620 | 50RB#0 | NV | -20 | -36.09 | -0.013918 | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 40620 | 50RB#0 | NV | 0   | 29.80  | 0.011492  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 40620 | 50RB#0 | NV | 10  | 48.19  | 0.018585  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 40620 | 50RB#0 | NV | 20  | 46.76  | 0.018033  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 41540 | 50RB#0 | NV | -30 | 24.00  | 0.008939  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 41540 | 50RB#0 | NV | -20 | 14.58  | 0.005430  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 41540 | 50RB#0 | NV | 0   | 39.55  | 0.014730  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 41540 | 50RB#0 | NV | 10  | 36.96  | 0.013765  | ±2.5 | PASS |
| Band4<br>1 | 10MHz | 64QAM | 41540 | 50RB#0 | NV | 20  | 54.04  | 0.020127  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 39725 | 75RB#0 | NV | -30 | 32.34  | 0.012918  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 39725 | 75RB#0 | NV | -20 | 43.17  | 0.017244  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 39725 | 75RB#0 | NV | 0   | 42.46  | 0.016960  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 39725 | 75RB#0 | NV | 10  | -15.92 | -0.006359 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 39725 | 75RB#0 | NV | 20  | -22.89 | -0.009143 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 40620 | 75RB#0 | NV | -30 | -13.62 | -0.005253 | ±2.5 | PASS |



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|            |       |       |       |        |    |     |        |           |      |      |
|------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band4<br>1 | 15MHz | QPSK  | 40620 | 75RB#0 | NV | -20 | 35.23  | 0.013587  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 40620 | 75RB#0 | NV | 0   | 36.25  | 0.013980  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 40620 | 75RB#0 | NV | 10  | 47.06  | 0.018149  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 40620 | 75RB#0 | NV | 20  | -47.84 | -0.018450 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 41515 | 75RB#0 | NV | -30 | 40.81  | 0.015213  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 41515 | 75RB#0 | NV | -20 | -41.44 | -0.015448 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 41515 | 75RB#0 | NV | 0   | 5.68   | 0.002117  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 41515 | 75RB#0 | NV | 10  | -18.42 | -0.006867 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | QPSK  | 41515 | 75RB#0 | NV | 20  | -22.54 | -0.008403 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 39725 | 75RB#0 | NV | -30 | 44.72  | 0.017863  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 39725 | 75RB#0 | NV | -20 | -19.60 | -0.007829 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 39725 | 75RB#0 | NV | 0   | -7.22  | -0.002884 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 39725 | 75RB#0 | NV | 10  | -26.66 | -0.010649 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 39725 | 75RB#0 | NV | 20  | 21.84  | 0.008724  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 40620 | 75RB#0 | NV | -30 | 16.88  | 0.006510  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 40620 | 75RB#0 | NV | -20 | 35.65  | 0.013749  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 40620 | 75RB#0 | NV | 0   | 48.05  | 0.018531  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 40620 | 75RB#0 | NV | 10  | -57.52 | -0.022183 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 40620 | 75RB#0 | NV | 20  | -16.01 | -0.006174 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 41515 | 75RB#0 | NV | -30 | 14.71  | 0.005484  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 41515 | 75RB#0 | NV | -20 | 36.96  | 0.013778  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 41515 | 75RB#0 | NV | 0   | 29.98  | 0.011176  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 41515 | 75RB#0 | NV | 10  | 40.17  | 0.014975  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 16QAM | 41515 | 75RB#0 | NV | 20  | 23.07  | 0.008600  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 39725 | 75RB#0 | NV | -30 | -13.73 | -0.005484 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 39725 | 75RB#0 | NV | -20 | 19.94  | 0.007965  | ±2.5 | PASS |
| Band4      | 15MHz | 64QAM | 39725 | 75RB#0 | NV | 0   | 39.68  | 0.015850  | ±2.5 | PASS |



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|            |       |       |       |         |    |     |        |           |      |      |
|------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| 1          |       |       |       |         |    |     |        |           |      |      |
| Band4<br>1 | 15MHz | 64QAM | 39725 | 75RB#0  | NV | 10  | -11.26 | -0.004498 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 39725 | 75RB#0  | NV | 20  | -30.20 | -0.012063 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 40620 | 75RB#0  | NV | -30 | -30.84 | -0.011894 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 40620 | 75RB#0  | NV | -20 | 43.54  | 0.016791  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 40620 | 75RB#0  | NV | 0   | 49.98  | 0.019275  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 40620 | 75RB#0  | NV | 10  | 10.39  | 0.004007  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 40620 | 75RB#0  | NV | 20  | 20.54  | 0.007921  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 41515 | 75RB#0  | NV | -30 | -11.67 | -0.004350 | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 41515 | 75RB#0  | NV | -20 | 27.12  | 0.010110  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 41515 | 75RB#0  | NV | 0   | 10.36  | 0.003862  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 41515 | 75RB#0  | NV | 10  | 37.79  | 0.014088  | ±2.5 | PASS |
| Band4<br>1 | 15MHz | 64QAM | 41515 | 75RB#0  | NV | 20  | 45.91  | 0.017115  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 39750 | 100RB#0 | NV | -30 | 13.86  | 0.005531  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 39750 | 100RB#0 | NV | -20 | 11.37  | 0.004537  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 39750 | 100RB#0 | NV | 0   | 5.69   | 0.002271  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 39750 | 100RB#0 | NV | 10  | 8.91   | 0.003555  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 39750 | 100RB#0 | NV | 20  | -35.79 | -0.014282 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 40620 | 100RB#0 | NV | -30 | 40.38  | 0.015573  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 40620 | 100RB#0 | NV | -20 | 23.16  | 0.008932  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 40620 | 100RB#0 | NV | 0   | 22.19  | 0.008558  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 40620 | 100RB#0 | NV | 10  | 15.08  | 0.005816  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 40620 | 100RB#0 | NV | 20  | 22.73  | 0.008766  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | -30 | 6.47   | 0.002414  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | -20 | 39.47  | 0.014728  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 0   | 32.13  | 0.011989  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 10  | 29.91  | 0.011160  | ±2.5 | PASS |



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|            |       |       |       |         |    |     |        |           |      |      |
|------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band4<br>1 | 20MHz | QPSK  | 41490 | 100RB#0 | NV | 20  | -62.60 | -0.023358 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -30 | -9.97  | -0.003978 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -20 | -11.24 | -0.004485 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 0   | -11.92 | -0.004757 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 10  | -14.78 | -0.005898 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 20  | 4.75   | 0.001895  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -30 | 38.38  | 0.014801  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -20 | 29.17  | 0.011250  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 0   | 16.06  | 0.006194  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 10  | -23.30 | -0.008986 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 20  | -26.19 | -0.010100 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -30 | 9.96   | 0.003716  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -20 | 30.77  | 0.011481  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 0   | 36.22  | 0.013515  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 10  | 28.52  | 0.010642  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 20  | 25.91  | 0.009668  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | -30 | 51.77  | 0.020658  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | -20 | 17.34  | 0.006919  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 0   | 6.41   | 0.002558  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 10  | -21.09 | -0.008416 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 20  | -28.98 | -0.011564 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | -30 | 33.37  | 0.012869  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | -20 | 23.72  | 0.009148  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 0   | 43.97  | 0.016957  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 10  | 25.01  | 0.009645  | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 20  | 10.96  | 0.004227  | ±2.5 | PASS |
| Band4      | 20MHz | 64QAM | 41490 | 100RB#0 | NV | -30 | 37.61  | 0.014034  | ±2.5 | PASS |





**BUREAU  
VERITAS**

**Test Report No.: W7L-P22080003RF06**

|            |       |       |       |         |    |     |       |          |      |      |
|------------|-------|-------|-------|---------|----|-----|-------|----------|------|------|
| 1          |       |       |       |         |    |     |       |          |      |      |
| Band4<br>1 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | -20 | 30.66 | 0.011440 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 0   | 24.49 | 0.009138 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 10  | 49.64 | 0.018522 | ±2.5 | PASS |
| Band4<br>1 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 20  | 30.33 | 0.011317 | ±2.5 | PASS |



Test Report No.: W7L-P22080003RF06

## LTE BAND CA\_41C

### 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

#### Test Result

| Band | Bandwidth   | Modulation  | Channel     | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|------|-------------|-------------|-------------|------------------|--------------------------|----------------------|---------|
| 41C  | 10MHz-15MHz | QPSK-QPSK   | 39703-39823 | 50RB#0-75RB#0    | 23.219                   | 24.45                | PASS    |
| 41C  | 10MHz-15MHz | QPSK-QPSK   | 40549-40669 | 50RB#0-75RB#0    | 23.271                   | 24.50                | PASS    |
| 41C  | 10MHz-15MHz | QPSK-QPSK   | 41395-41515 | 50RB#0-75RB#0    | 23.279                   | 24.52                | PASS    |
| 41C  | 10MHz-15MHz | 16QAM-16QAM | 39703-39823 | 50RB#0-75RB#0    | 23.208                   | 24.47                | PASS    |
| 41C  | 10MHz-15MHz | 16QAM-16QAM | 40549-40669 | 50RB#0-75RB#0    | 23.253                   | 24.47                | PASS    |
| 41C  | 10MHz-15MHz | 16QAM-16QAM | 41395-41515 | 50RB#0-75RB#0    | 23.293                   | 24.52                | PASS    |
| 41C  | 10MHz-15MHz | 64QAM-64QAM | 39703-39823 | 50RB#0-75RB#0    | 23.211                   | 24.44                | PASS    |
| 41C  | 10MHz-15MHz | 64QAM-64QAM | 40549-40669 | 50RB#0-75RB#0    | 23.261                   | 24.47                | PASS    |
| 41C  | 10MHz-15MHz | 64QAM-64QAM | 41395-41515 | 50RB#0-75RB#0    | 23.284                   | 24.51                | PASS    |
| 41C  | 10MHz-20MHz | QPSK-QPSK   | 39705-39849 | 50RB#0-100RB#0   | 27.792                   | 29.27                | PASS    |
| 41C  | 10MHz-20MHz | QPSK-QPSK   | 40526-40670 | 50RB#0-100RB#0   | 27.863                   | 29.32                | PASS    |
| 41C  | 10MHz-20MHz | QPSK-QPSK   | 41346-41490 | 50RB#0-100RB#0   | 27.848                   | 29.29                | PASS    |
| 41C  | 10MHz-20MHz | 16QAM-16QAM | 39705-39849 | 50RB#0-100RB#0   | 27.773                   | 29.27                | PASS    |
| 41C  | 10MHz-20MHz | 16QAM-16QAM | 40526-40670 | 50RB#0-100RB#0   | 27.829                   | 29.31                | PASS    |
| 41C  | 10MHz-20MHz | 16QAM-16QAM | 41346-41490 | 50RB#0-100RB#0   | 27.856                   | 29.32                | PASS    |
| 41C  | 10MHz-20MHz | 64QAM-64QAM | 39705-39849 | 50RB#0-100RB#0   | 27.776                   | 29.27                | PASS    |
| 41C  | 10MHz-20MHz | 64QAM-64QAM | 40526-40670 | 50RB#0-100RB#0   | 27.827                   | 29.28                | PASS    |
| 41C  | 10MHz-20MHz | 64QAM-64QAM | 41346-41490 | 50RB#0-100RB#0   | 27.861                   | 29.31                | PASS    |
| 41C  | 15MHz-10MHz | QPSK-QPSK   | 39725-39845 | 75RB#0-50RB#0    | 23.231                   | 24.47                | PASS    |
| 41C  | 15MHz-10MHz | QPSK-QPSK   | 40571-40691 | 75RB#0-50RB#0    | 23.247                   | 24.47                | PASS    |
| 41C  | 15MHz-10MHz | QPSK-QPSK   | 41417-41537 | 75RB#0-50RB#0    | 23.272                   | 24.49                | PASS    |
| 41C  | 15MHz-10MHz | 16QAM-16QAM | 39725-39845 | 75RB#0-50RB#0    | 23.227                   | 24.50                | PASS    |
| 41C  | 15MHz-10MHz | 16QAM-16QAM | 40571-40691 | 75RB#0-50RB#0    | 23.243                   | 24.46                | PASS    |
| 41C  | 15MHz-10MHz | 16QAM-16QAM | 41417-41537 | 75RB#0-50RB#0    | 23.276                   | 24.47                | PASS    |
| 41C  | 15MHz-10MHz | 64QAM-64QAM | 39725-39845 | 75RB#0-50RB#0    | 23.235                   | 24.50                | PASS    |
| 41C  | 15MHz-10MHz | 64QAM-64QAM | 40571-40691 | 75RB#0-50RB#0    | 23.240                   | 24.46                | PASS    |
| 41C  | 15MHz-10MHz | 64QAM-64QAM | 41417-41537 | 75RB#0-50RB#0    | 23.267                   | 24.47                | PASS    |
| 41C  | 15MHz-15MHz | QPSK-QPSK   | 39725-39875 | 75RB#0-75RB#0    | 28.439                   | 29.96                | PASS    |
| 41C  | 15MHz-15MHz | QPSK-QPSK   | 40545-40695 | 75RB#0-75RB#0    | 28.454                   | 29.97                | PASS    |
| 41C  | 15MHz-15MHz | QPSK-QPSK   | 41365-41515 | 75RB#0-75RB#0    | 28.480                   | 30.00                | PASS    |
| 41C  | 15MHz-15MHz | 16QAM-16QAM | 39725-39875 | 75RB#0-75RB#0    | 28.443                   | 29.96                | PASS    |
| 41C  | 15MHz-15MHz | 16QAM-16QAM | 40545-40695 | 75RB#0-75RB#0    | 28.461                   | 30.01                | PASS    |
| 41C  | 15MHz-15MHz | 16QAM-16QAM | 41365-41515 | 75RB#0-75RB#0    | 28.494                   | 30.00                | PASS    |
| 41C  | 15MHz-15MHz | 64QAM-64QAM | 39725-39875 | 75RB#0-75RB#0    | 28.427                   | 29.96                | PASS    |
| 41C  | 15MHz-15MHz | 64QAM-64QAM | 40545-40695 | 75RB#0-75RB#0    | 28.450                   | 29.98                | PASS    |
| 41C  | 15MHz-15MHz | 64QAM-64QAM | 41365-41515 | 75RB#0-75RB#0    | 28.479                   | 30.01                | PASS    |
| 41C  | 15MHz-20MHz | QPSK-QPSK   | 39728-39899 | 75RB#0-100RB#0   | 32.686                   | 34.39                | PASS    |
| 41C  | 15MHz-20MHz | QPSK-QPSK   | 40523-40694 | 75RB#0-100RB#0   | 32.717                   | 34.42                | PASS    |
| 41C  | 15MHz-20MHz | QPSK-QPSK   | 41319-41490 | 75RB#0-100RB#0   | 32.784                   | 34.44                | PASS    |
| 41C  | 15MHz-20MHz | 16QAM-16QAM | 39728-39899 | 75RB#0-100RB#0   | 32.690                   | 34.40                | PASS    |

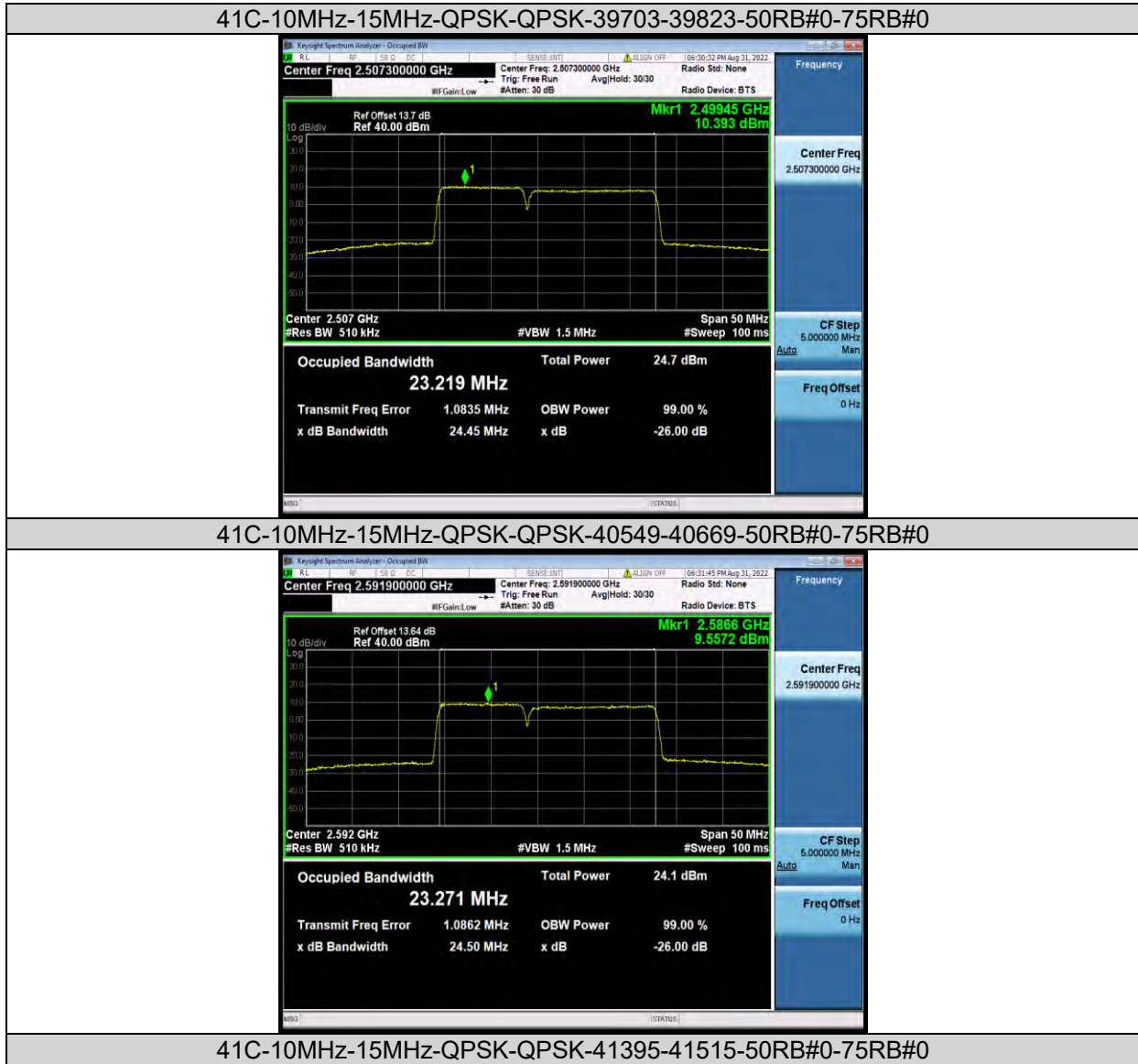


BUREAU VERITAS

Test Report No.: W7L-P22080003RF06

|     |             |             |             |                 |        |       |      |
|-----|-------------|-------------|-------------|-----------------|--------|-------|------|
| 41C | 15MHz-20MHz | 16QAM-16QAM | 40523-40694 | 75RB#0-100RB#0  | 32.716 | 34.39 | PASS |
| 41C | 15MHz-20MHz | 16QAM-16QAM | 41319-41490 | 75RB#0-100RB#0  | 32.784 | 34.44 | PASS |
| 41C | 15MHz-20MHz | 64QAM-64QAM | 39728-39899 | 75RB#0-100RB#0  | 32.691 | 34.40 | PASS |
| 41C | 15MHz-20MHz | 64QAM-64QAM | 40523-40694 | 75RB#0-100RB#0  | 32.701 | 34.42 | PASS |
| 41C | 15MHz-20MHz | 64QAM-64QAM | 41319-41490 | 75RB#0-100RB#0  | 32.772 | 34.43 | PASS |
| 41C | 20MHz-10MHz | QPSK-QPSK   | 39750-39894 | 100RB#0-50RB#0  | 27.821 | 29.33 | PASS |
| 41C | 20MHz-10MHz | QPSK-QPSK   | 40571-40715 | 100RB#0-50RB#0  | 27.836 | 29.28 | PASS |
| 41C | 20MHz-10MHz | QPSK-QPSK   | 41391-41535 | 100RB#0-50RB#0  | 27.867 | 29.32 | PASS |
| 41C | 20MHz-10MHz | 16QAM-16QAM | 39750-39894 | 100RB#0-50RB#0  | 27.802 | 29.30 | PASS |
| 41C | 20MHz-10MHz | 16QAM-16QAM | 40571-40715 | 100RB#0-50RB#0  | 27.818 | 29.28 | PASS |
| 41C | 20MHz-10MHz | 16QAM-16QAM | 41391-41535 | 100RB#0-50RB#0  | 27.840 | 29.30 | PASS |
| 41C | 20MHz-10MHz | 64QAM-64QAM | 39750-39894 | 100RB#0-50RB#0  | 27.819 | 29.30 | PASS |
| 41C | 20MHz-10MHz | 64QAM-64QAM | 40571-40715 | 100RB#0-50RB#0  | 27.805 | 29.30 | PASS |
| 41C | 20MHz-10MHz | 64QAM-64QAM | 41391-41535 | 100RB#0-50RB#0  | 27.834 | 29.31 | PASS |
| 41C | 20MHz-15MHz | QPSK-QPSK   | 39750-39921 | 100RB#0-75RB#0  | 32.726 | 34.42 | PASS |
| 41C | 20MHz-15MHz | QPSK-QPSK   | 40546-40717 | 100RB#0-75RB#0  | 32.725 | 34.42 | PASS |
| 41C | 20MHz-15MHz | QPSK-QPSK   | 41341C512   | 100RB#0-75RB#0  | 32.786 | 34.44 | PASS |
| 41C | 20MHz-15MHz | 16QAM-16QAM | 39750-39921 | 100RB#0-75RB#0  | 32.723 | 34.44 | PASS |
| 41C | 20MHz-15MHz | 16QAM-16QAM | 40546-40717 | 100RB#0-75RB#0  | 32.724 | 34.41 | PASS |
| 41C | 20MHz-15MHz | 16QAM-16QAM | 41341C512   | 100RB#0-75RB#0  | 32.778 | 34.47 | PASS |
| 41C | 20MHz-15MHz | 64QAM-64QAM | 39750-39921 | 100RB#0-75RB#0  | 32.740 | 34.47 | PASS |
| 41C | 20MHz-15MHz | 64QAM-64QAM | 40546-40717 | 100RB#0-75RB#0  | 32.715 | 34.41 | PASS |
| 41C | 20MHz-15MHz | 64QAM-64QAM | 41341C512   | 100RB#0-75RB#0  | 32.778 | 34.48 | PASS |
| 41C | 20MHz-20MHz | QPSK-QPSK   | 39750-39948 | 100RB#0-100RB#0 | 37.603 | 39.68 | PASS |
| 41C | 20MHz-20MHz | QPSK-QPSK   | 40521-40719 | 100RB#0-100RB#0 | 37.647 | 39.64 | PASS |
| 41C | 20MHz-20MHz | QPSK-QPSK   | 41292-41490 | 100RB#0-100RB#0 | 37.732 | 39.76 | PASS |
| 41C | 20MHz-20MHz | 16QAM-16QAM | 39750-39948 | 100RB#0-100RB#0 | 37.583 | 39.67 | PASS |
| 41C | 20MHz-20MHz | 16QAM-16QAM | 40521-40719 | 100RB#0-100RB#0 | 37.622 | 39.69 | PASS |
| 41C | 20MHz-20MHz | 16QAM-16QAM | 41292-41490 | 100RB#0-100RB#0 | 37.676 | 39.73 | PASS |
| 41C | 20MHz-20MHz | 64QAM-64QAM | 39750-39948 | 100RB#0-100RB#0 | 37.588 | 39.67 | PASS |
| 41C | 20MHz-20MHz | 64QAM-64QAM | 40521-40719 | 100RB#0-100RB#0 | 37.624 | 39.65 | PASS |
| 41C | 20MHz-20MHz | 64QAM-64QAM | 41292-41490 | 100RB#0-100RB#0 | 37.693 | 39.71 | PASS |
| 41C | 20MHz-5MHz  | QPSK-QPSK   | 39750-39867 | 100RB#0-25RB#0  | 22.908 | 24.03 | PASS |
| 41C | 20MHz-5MHz  | QPSK-QPSK   | 40595-40712 | 100RB#0-25RB#0  | 22.937 | 24.03 | PASS |
| 41C | 20MHz-5MHz  | QPSK-QPSK   | 41440-41557 | 100RB#0-25RB#0  | 22.947 | 24.17 | PASS |
| 41C | 20MHz-5MHz  | 16QAM-16QAM | 39750-39867 | 100RB#0-25RB#0  | 22.903 | 24.06 | PASS |
| 41C | 20MHz-5MHz  | 16QAM-16QAM | 40595-40712 | 100RB#0-25RB#0  | 22.887 | 24.07 | PASS |
| 41C | 20MHz-5MHz  | 16QAM-16QAM | 41440-41557 | 100RB#0-25RB#0  | 22.904 | 23.98 | PASS |
| 41C | 20MHz-5MHz  | 64QAM-64QAM | 39750-39867 | 100RB#0-25RB#0  | 22.907 | 24.07 | PASS |
| 41C | 20MHz-5MHz  | 64QAM-64QAM | 40595-40712 | 100RB#0-25RB#0  | 22.891 | 24.03 | PASS |
| 41C | 20MHz-5MHz  | 64QAM-64QAM | 41440-41557 | 100RB#0-25RB#0  | 22.903 | 24.06 | PASS |
| 41C | 5MHz-20MHz  | QPSK-QPSK   | 39683-39800 | 25RB#0-100RB#0  | 22.883 | 24.02 | PASS |
| 41C | 5MHz-20MHz  | QPSK-QPSK   | 40528-40645 | 25RB#0-100RB#0  | 22.926 | 24.06 | PASS |
| 41C | 5MHz-20MHz  | QPSK-QPSK   | 41373-41490 | 25RB#0-100RB#0  | 22.939 | 24.04 | PASS |
| 41C | 5MHz-20MHz  | 16QAM-16QAM | 39683-39800 | 25RB#0-100RB#0  | 22.881 | 24.03 | PASS |
| 41C | 5MHz-20MHz  | 16QAM-16QAM | 40528-40645 | 25RB#0-100RB#0  | 22.877 | 24.01 | PASS |
| 41C | 5MHz-20MHz  | 16QAM-16QAM | 41373-41490 | 25RB#0-100RB#0  | 22.977 | 24.03 | PASS |
| 41C | 5MHz-20MHz  | 64QAM-64QAM | 39683-39800 | 25RB#0-100RB#0  | 22.872 | 24.03 | PASS |
| 41C | 5MHz-20MHz  | 64QAM-64QAM | 40528-40645 | 25RB#0-100RB#0  | 22.881 | 24.03 | PASS |
| 41C | 5MHz-20MHz  | 64QAM-64QAM | 41373-41490 | 25RB#0-100RB#0  | 22.941 | 24.06 | PASS |

### Test Graphs





BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-10MHz-15MHz-16QAM-16QAM-39703-39823-50RB#0-75RB#0



41C-10MHz-15MHz-16QAM-16QAM-40549-40669-50RB#0-75RB#0



41C-10MHz-15MHz-16QAM-16QAM-41395-41515-50RB#0-75RB#0

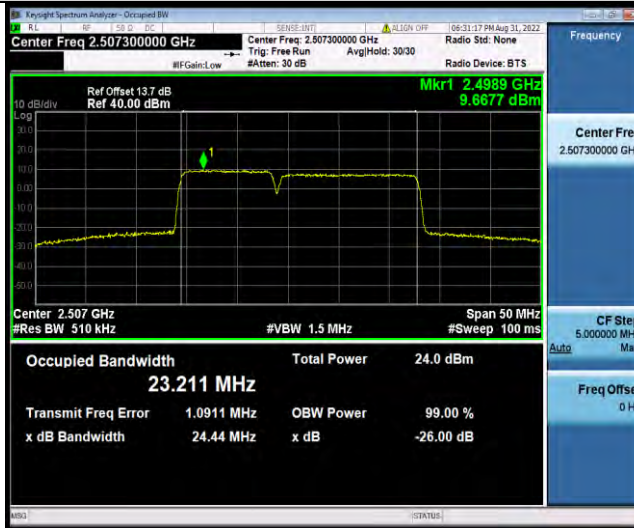


BUREAU VERITAS

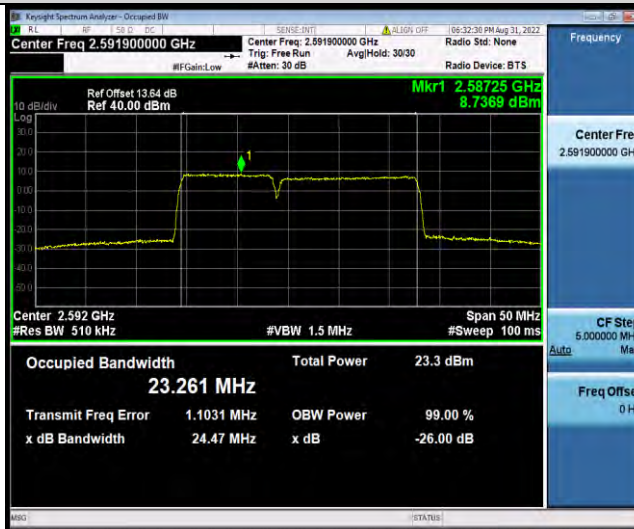
Test Report No.: W7L-P22080003RF06



41C-10MHz-15MHz-64QAM-64QAM-39703-39823-50RB#0-75RB#0



41C-10MHz-15MHz-64QAM-64QAM-40549-40669-50RB#0-75RB#0



41C-10MHz-15MHz-64QAM-64QAM-41395-41515-50RB#0-75RB#0



BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-10MHz-20MHz-QPSK-QPSK-39705-39849-50RB#0-100RB#0



41C-10MHz-20MHz-QPSK-QPSK-40526-40670-50RB#0-100RB#0



41C-10MHz-20MHz-QPSK-QPSK-41346-41490-50RB#0-100RB#0



BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-10MHz-20MHz-16QAM-16QAM-39705-39849-50RB#0-100RB#0



41C-10MHz-20MHz-16QAM-16QAM-40526-40670-50RB#0-100RB#0



41C-10MHz-20MHz-16QAM-16QAM-41346-41490-50RB#0-100RB#0





BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-10MHz-20MHz-64QAM-64QAM-39705-39849-50RB#0-100RB#0



41C-10MHz-20MHz-64QAM-64QAM-40526-40670-50RB#0-100RB#0



41C-10MHz-20MHz-64QAM-64QAM-41346-41490-50RB#0-100RB#0



BUREAU VERITAS

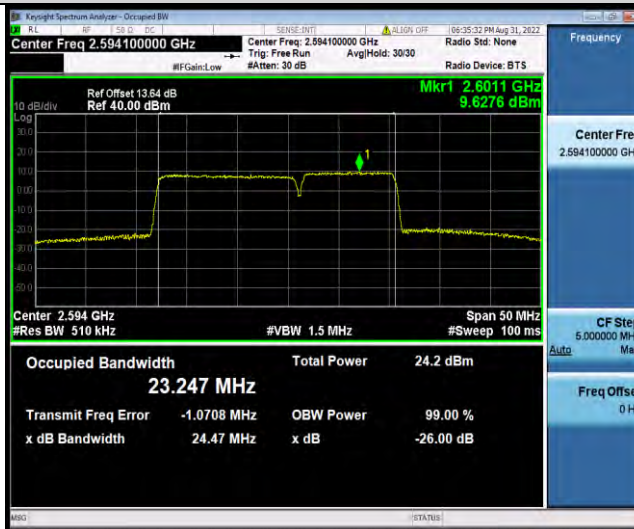
Test Report No.: W7L-P22080003RF06



41C-15MHz-10MHz-QPSK-QPSK-39725-39845-75RB#0-50RB#0



41C-15MHz-10MHz-QPSK-QPSK-40571-40691-75RB#0-50RB#0



41C-15MHz-10MHz-QPSK-QPSK-41417-41537-75RB#0-50RB#0



BUREAU VERITAS

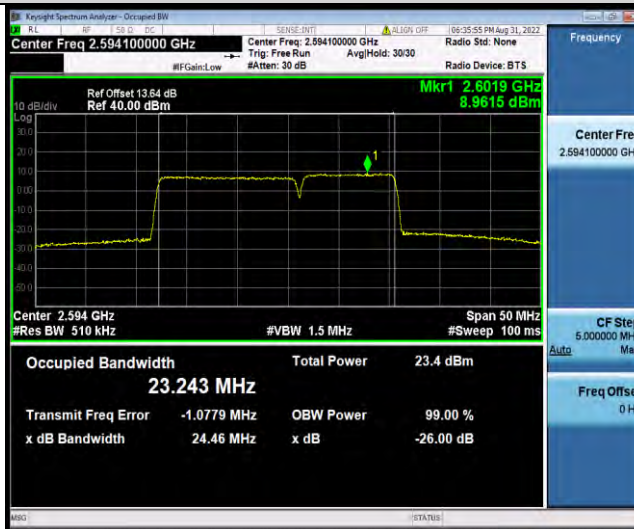
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41C-15MHz-10MHz-16QAM-16QAM-40571-40691-75RB#0-50RB#0

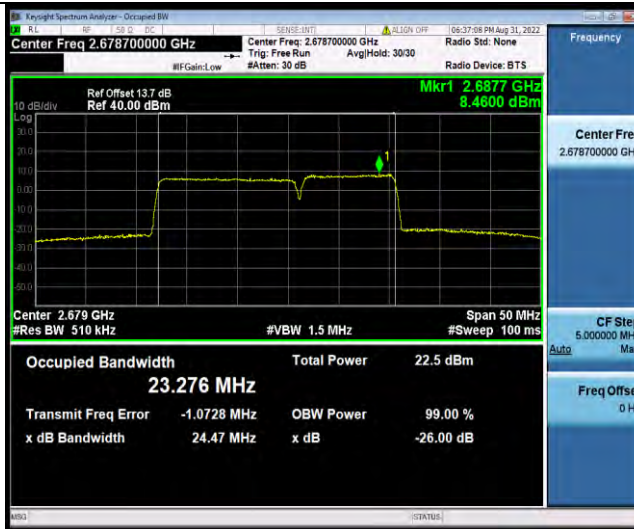


41C-15MHz-10MHz-16QAM-16QAM-41417-41537-75RB#0-50RB#0

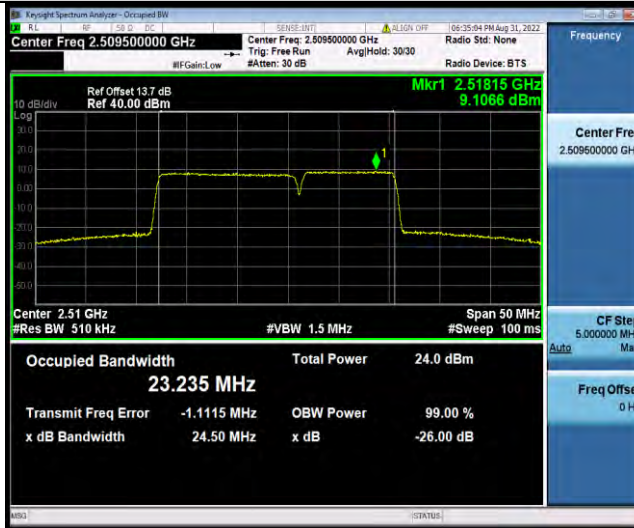


BUREAU VERITAS

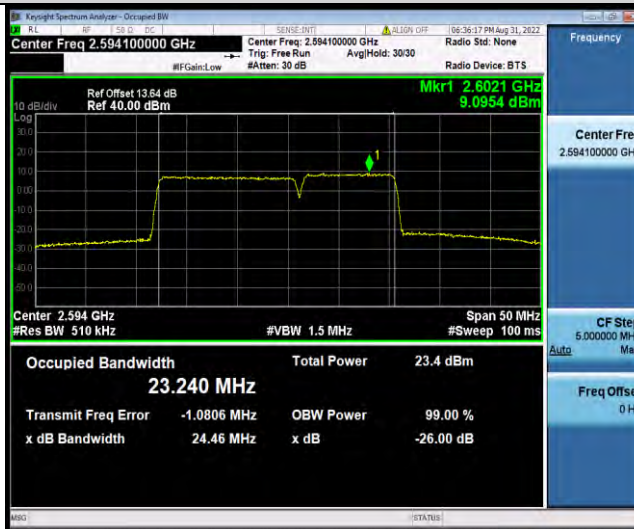
Test Report No.: W7L-P22080003RF06



41C-15MHz-10MHz-64QAM-64QAM-39725-39845-75RB#0-50RB#0



41C-15MHz-10MHz-64QAM-64QAM-40571-40691-75RB#0-50RB#0



41C-15MHz-10MHz-64QAM-64QAM-41417-41537-75RB#0-50RB#0

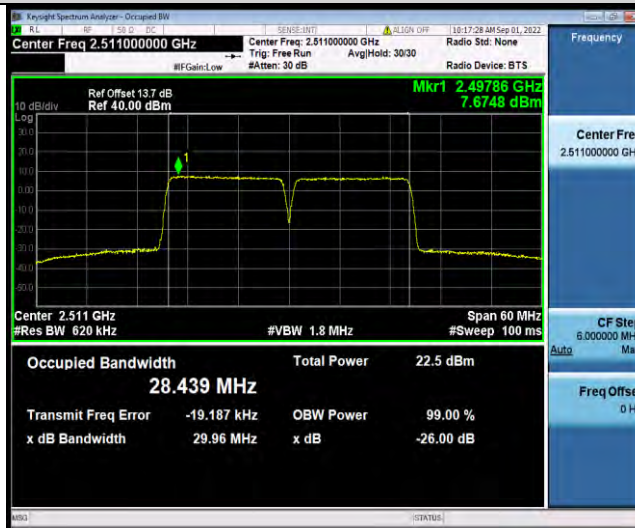


BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-15MHz-15MHz-QPSK-QPSK-39725-39875-75RB#0-75RB#0



41C-15MHz-15MHz-QPSK-QPSK-40545-40695-75RB#0-75RB#0

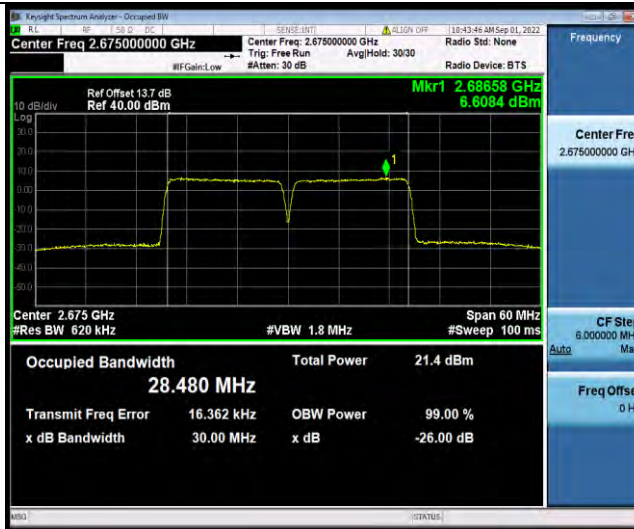


41C-15MHz-15MHz-QPSK-QPSK-41365-41515-75RB#0-75RB#0

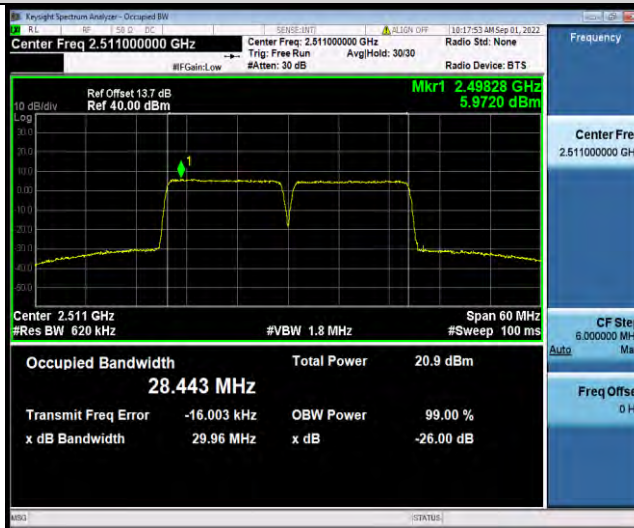


BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-15MHz-15MHz-16QAM-16QAM-39725-39875-75RB#0-75RB#0



41C-15MHz-15MHz-16QAM-16QAM-40545-40695-75RB#0-75RB#0



41C-15MHz-15MHz-16QAM-16QAM-41365-41515-75RB#0-75RB#0



BUREAU VERITAS

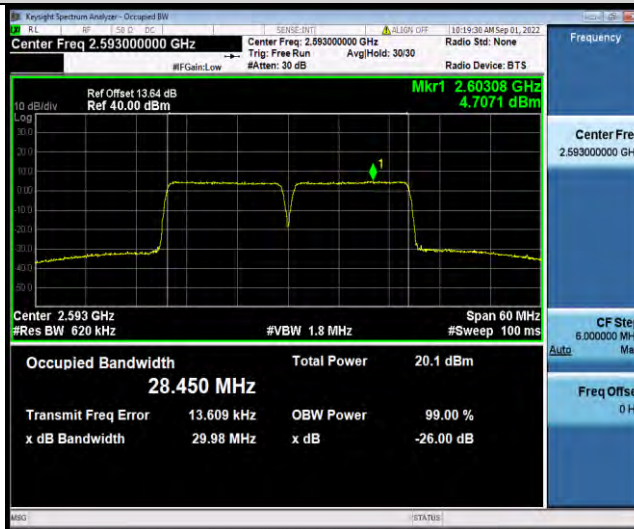
Test Report No.: W7L-P22080003RF06



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BUREAU VERITAS

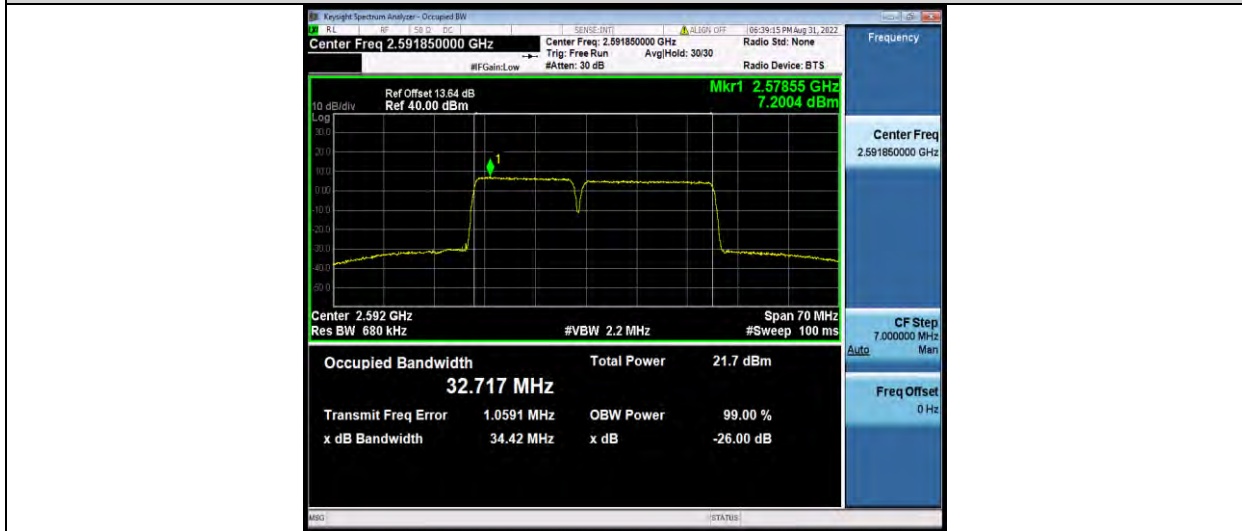
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41C-15MHz-20MHz-QPSK-QPSK-41319-41490-75RB#0-100RB#0





BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-15MHz-20MHz-16QAM-16QAM-39728-39899-75RB#0-100RB#0



41C-15MHz-20MHz-16QAM-16QAM-40523-40694-75RB#0-100RB#0



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BUREAU VERITAS

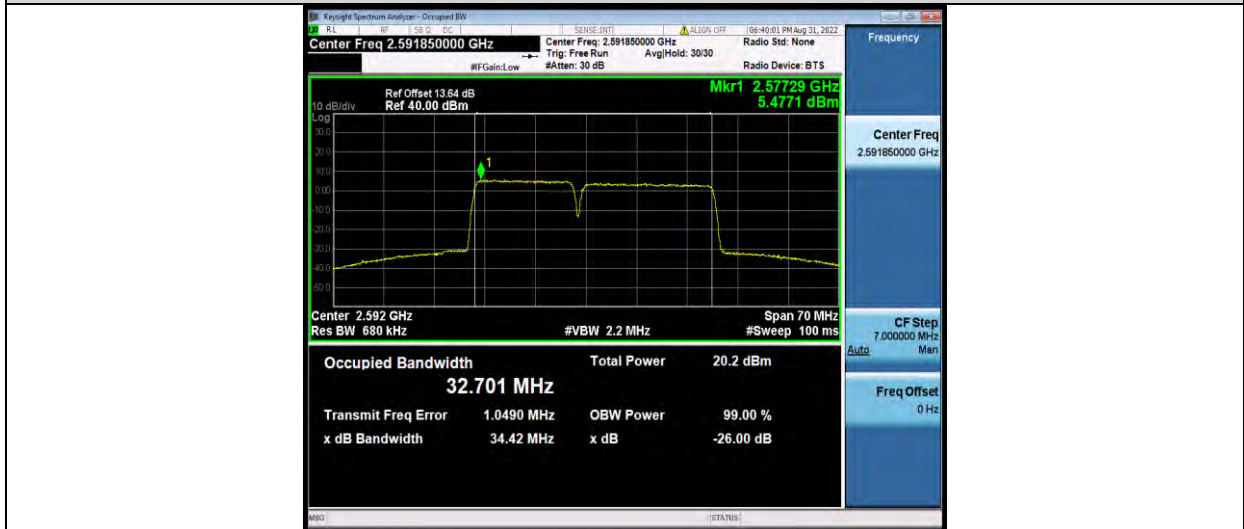
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41C-15MHz-20MHz-64QAM-64QAM-41319-41490-75RB#0-100RB#0



BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-20MHz-10MHz-QPSK-QPSK-39750-39894-100RB#0-50RB#0



41C-20MHz-10MHz-QPSK-QPSK-40571-40715-100RB#0-50RB#0



41C-20MHz-10MHz-QPSK-QPSK-41391-41535-100RB#0-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-20MHz-10MHz-16QAM-16QAM-39750-39894-100RB#0-50RB#0



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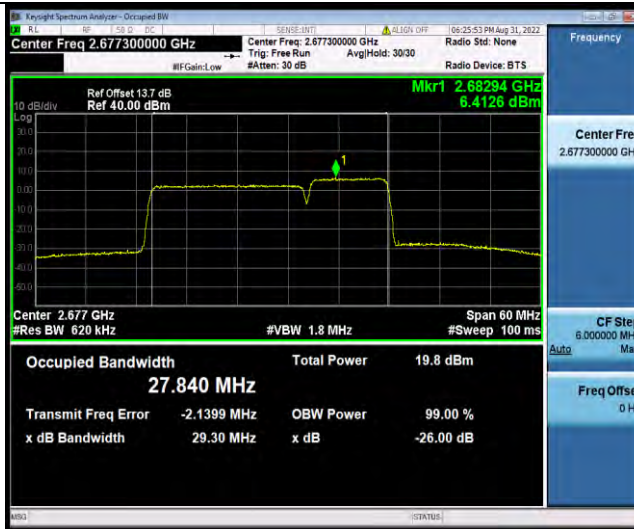


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BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



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41C-20MHz-10MHz-64QAM-64QAM-40571-40715-100RB#0-50RB#0



41C-20MHz-10MHz-64QAM-64QAM-41391-41535-100RB#0-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0



41C-20MHz-15MHz-QPSK-QPSK-40546-40717-100RB#0-75RB#0



41C-20MHz-15MHz-QPSK-QPSK-41341C512-100RB#0-75RB#0

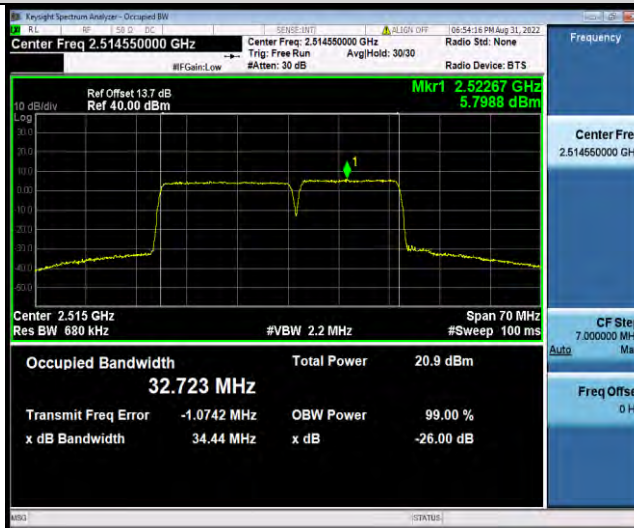


BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



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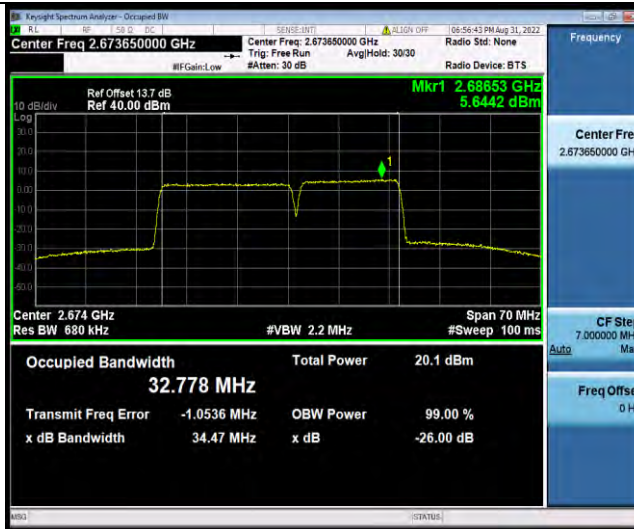


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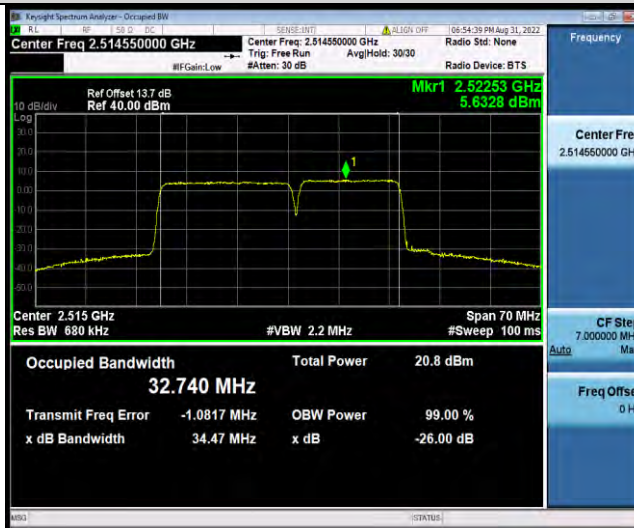


BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-20MHz-15MHz-64QAM-64QAM-39750-39921-100RB#0-75RB#0



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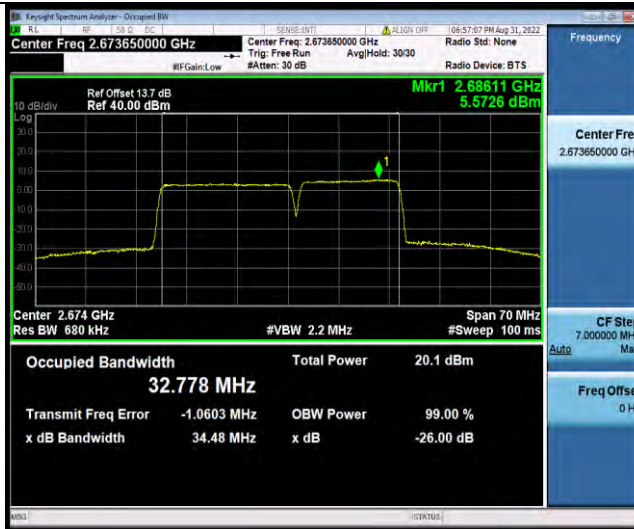
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BUREAU VERITAS

Test Report No.: W7L-P22080003RF06



41C-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



41C-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



41C-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0

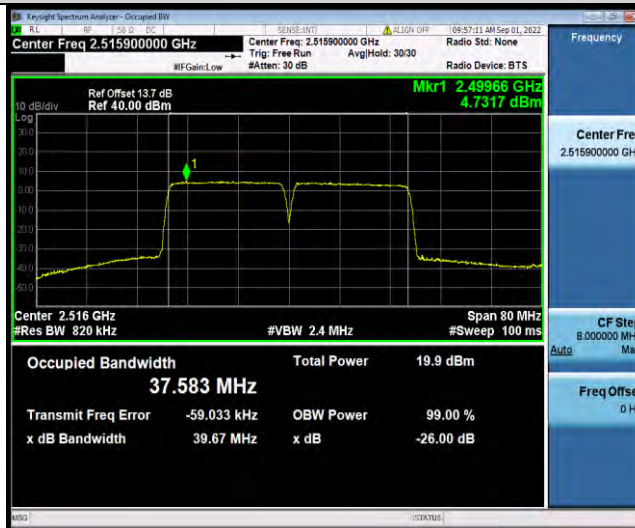


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VERITAS

Test Report No.: W7L-P22080003RF06



41C-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0



41C-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



41C-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0