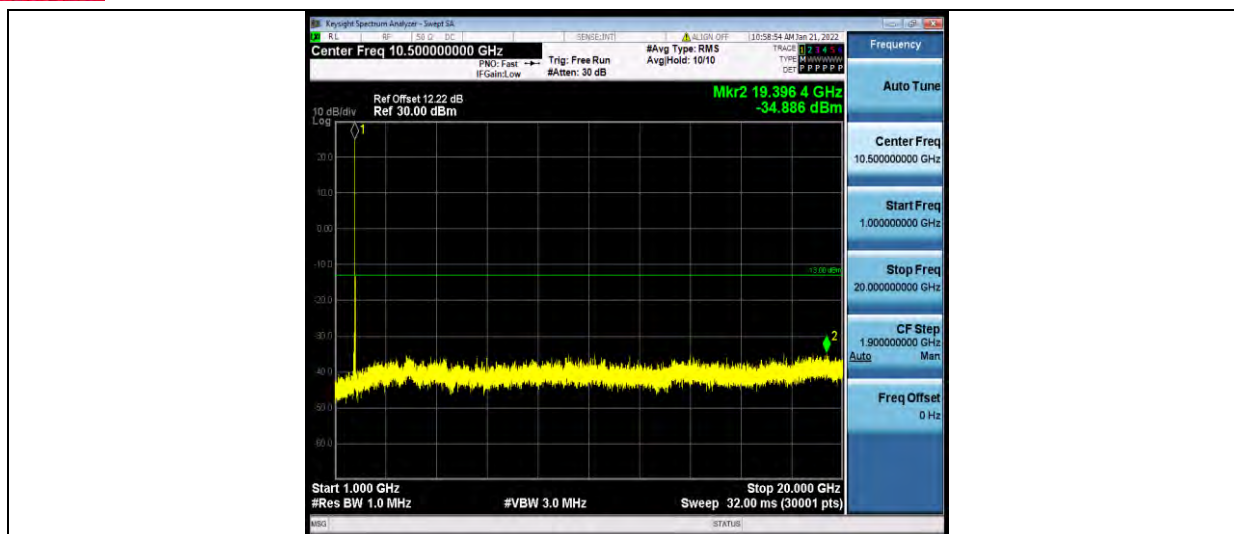




## FREQUENCY STABILITY

### Test Result

| Band  | Bandwidth<br>h | Modulation | Channel | RB<br>Configure | Voltage          |                     | Deviation<br>(Hz) | Deviation<br>(ppm) | Limit<br>(ppm) | Verdict |
|-------|----------------|------------|---------|-----------------|------------------|---------------------|-------------------|--------------------|----------------|---------|
|       |                |            |         |                 | Voltage<br>[Vdc] | Temperature<br>(°C) |                   |                    |                |         |
| Band4 | 1.4MHz         | QPSK       | 19957   | 6RB#0           | VL               | NT                  | -4.38             | -0.002560          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | QPSK       | 19957   | 6RB#0           | VN               | NT                  | 22.30             | 0.013036           | ±2.5           | PASS    |
| Band4 | 1.4MHz         | QPSK       | 19957   | 6RB#0           | VH               | NT                  | -17.85            | -0.010434          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | QPSK       | 20175   | 6RB#0           | VL               | NT                  | -8.17             | -0.004716          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | QPSK       | 20175   | 6RB#0           | VN               | NT                  | 31.83             | 0.018372           | ±2.5           | PASS    |
| Band4 | 1.4MHz         | QPSK       | 20175   | 6RB#0           | VH               | NT                  | -22.06            | -0.012733          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | QPSK       | 20393   | 6RB#0           | VL               | NT                  | 20.69             | 0.011794           | ±2.5           | PASS    |
| Band4 | 1.4MHz         | QPSK       | 20393   | 6RB#0           | VN               | NT                  | 27.02             | 0.015402           | ±2.5           | PASS    |
| Band4 | 1.4MHz         | QPSK       | 20393   | 6RB#0           | VH               | NT                  | -34.35            | -0.019580          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 19957   | 6RB#0           | VL               | NT                  | -23.72            | -0.013866          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 19957   | 6RB#0           | VN               | NT                  | -7.55             | -0.004413          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 19957   | 6RB#0           | VH               | NT                  | 22.46             | 0.013129           | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 20175   | 6RB#0           | VL               | NT                  | 7.78              | 0.004491           | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 20175   | 6RB#0           | VN               | NT                  | -50.00            | -0.028860          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 20175   | 6RB#0           | VH               | NT                  | -7.47             | -0.004312          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 20393   | 6RB#0           | VL               | NT                  | -30.17            | -0.017198          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 20393   | 6RB#0           | VN               | NT                  | -17.14            | -0.009770          | ±2.5           | PASS    |
| Band4 | 1.4MHz         | 16QAM      | 20393   | 6RB#0           | VH               | NT                  | -28.40            | -0.016189          | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 19965   | 15RB#0          | VL               | NT                  | 21.40             | 0.012504           | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 19965   | 15RB#0          | VN               | NT                  | 29.54             | 0.017260           | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 19965   | 15RB#0          | VH               | NT                  | -26.76            | -0.015635          | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 20175   | 15RB#0          | VL               | NT                  | 14.53             | 0.008387           | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 20175   | 15RB#0          | VN               | NT                  | 21.97             | 0.012681           | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 20175   | 15RB#0          | VH               | NT                  | -8.96             | -0.005172          | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 20385   | 15RB#0          | VL               | NT                  | -5.65             | -0.003222          | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 20385   | 15RB#0          | VN               | NT                  | 22.17             | 0.012643           | ±2.5           | PASS    |
| Band4 | 3MHz           | QPSK       | 20385   | 15RB#0          | VH               | NT                  | 7.45              | 0.004249           | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 19965   | 15RB#0          | VL               | NT                  | -30.14            | -0.017610          | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 19965   | 15RB#0          | VN               | NT                  | -27.48            | -0.016056          | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 19965   | 15RB#0          | VH               | NT                  | -7.65             | -0.004470          | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 20175   | 15RB#0          | VL               | NT                  | -17.37            | -0.010026          | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 20175   | 15RB#0          | VN               | NT                  | -28.67            | -0.016548          | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 20175   | 15RB#0          | VH               | NT                  | 32.50             | 0.018759           | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 20385   | 15RB#0          | VL               | NT                  | 10.59             | 0.006039           | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 20385   | 15RB#0          | VN               | NT                  | -17.50            | -0.009980          | ±2.5           | PASS    |
| Band4 | 3MHz           | 16QAM      | 20385   | 15RB#0          | VH               | NT                  | 39.17             | 0.022338           | ±2.5           | PASS    |
| Band4 | 5MHz           | QPSK       | 19975   | 25RB#0          | VL               | NT                  | 8.01              | 0.004677           | ±2.5           | PASS    |
| Band4 | 5MHz           | QPSK       | 19975   | 25RB#0          | VN               | NT                  | 44.85             | 0.026190           | ±2.5           | PASS    |
| Band4 | 5MHz           | QPSK       | 19975   | 25RB#0          | VH               | NT                  | 3.82              | 0.002231           | ±2.5           | PASS    |
| Band4 | 5MHz           | QPSK       | 20175   | 25RB#0          | VL               | NT                  | 23.36             | 0.013483           | ±2.5           | PASS    |



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|       |       |       |       |        |    |    |        |           |      |      |
|-------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | VN | NT | 19.37  | 0.011180  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | VH | NT | -16.05 | -0.009264 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | VL | NT | 39.63  | 0.022613  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | VN | NT | 19.04  | 0.010864  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | VH | NT | 3.02   | 0.001723  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | VL | NT | -29.65 | -0.017314 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | VN | NT | -47.41 | -0.027685 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | VH | NT | -27.88 | -0.016280 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | VL | NT | 7.82   | 0.004514  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | VN | NT | -41.77 | -0.024110 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | VH | NT | 20.89  | 0.012058  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | VL | NT | 17.71  | 0.010106  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | VN | NT | 23.07  | 0.013164  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | VH | NT | 38.45  | 0.021940  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | VL | NT | 17.68  | 0.010309  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | VN | NT | 11.70  | 0.006822  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | VH | NT | -7.81  | -0.004554 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | VL | NT | 12.85  | 0.007417  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | VN | NT | 50.70  | 0.029264  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | VH | NT | -21.36 | -0.012329 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | VL | NT | 39.12  | 0.022354  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | VN | NT | 32.20  | 0.018400  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | VH | NT | 14.33  | 0.008189  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | VL | NT | 5.52   | 0.003219  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | VN | NT | 7.97   | 0.004647  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | VH | NT | 7.60   | 0.004431  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | VL | NT | -21.03 | -0.012139 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | VN | NT | -7.95  | -0.004589 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | VH | NT | -25.01 | -0.014436 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | VL | NT | 5.69   | 0.003251  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | VN | NT | -10.29 | -0.005880 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | VH | NT | 28.68  | 0.016389  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | VL | NT | -3.78  | -0.002201 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | VN | NT | 42.73  | 0.024879  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | VH | NT | 21.89  | 0.012745  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | VL | NT | 10.87  | 0.006274  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | VN | NT | 24.88  | 0.014361  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | VH | NT | 15.55  | 0.008975  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | VL | NT | 18.65  | 0.010672  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | VN | NT | 12.23  | 0.006999  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | VH | NT | 36.01  | 0.020607  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | VL | NT | -23.46 | -0.013659 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | VN | NT | -22.33 | -0.013001 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | VH | NT | 17.87  | 0.010405  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | VL | NT | -8.71  | -0.005027 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | VN | NT | -6.34  | -0.003659 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | VH | NT | 6.85   | 0.003954  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | VL | NT | 11.10  | 0.006352  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | VN | NT | 20.16  | 0.011536  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | VH | NT | 27.57  | 0.015777  | ±2.5 | PASS |

|       |        |       |       |         |    |    |        |           |      |      |
|-------|--------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band4 | 20MHz  | QPSK  | 20050 | 100RB#0 | VL | NT | 25.16  | 0.014628  | ±2.5 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 100RB#0 | VN | NT | 25.23  | 0.014669  | ±2.5 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 100RB#0 | VH | NT | 20.77  | 0.012076  | ±2.5 | PASS |
| Band4 | 20MHz  | QPSK  | 20175 | 100RB#0 | VL | NT | 37.19  | 0.021466  | ±2.5 | PASS |
| Band4 | 20MHz  | QPSK  | 20175 | 100RB#0 | VN | NT | 36.02  | 0.020791  | ±2.5 | PASS |
| Band4 | 20MHz  | QPSK  | 20175 | 100RB#0 | VH | NT | 45.68  | 0.026367  | ±2.5 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 100RB#0 | VL | NT | 29.45  | 0.016877  | ±2.5 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 100RB#0 | VN | NT | 22.16  | 0.012699  | ±2.5 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 100RB#0 | VH | NT | 16.05  | 0.009198  | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 100RB#0 | VL | NT | 7.98   | 0.004640  | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 100RB#0 | VN | NT | 37.69  | 0.021913  | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 100RB#0 | VH | NT | 22.03  | 0.012808  | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | VL | NT | -3.30  | -0.001905 | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | VN | NT | 29.24  | 0.016877  | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | VH | NT | 10.97  | 0.006332  | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | VL | NT | 39.93  | 0.022883  | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | VN | NT | 33.20  | 0.019026  | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | VH | NT | 31.54  | 0.018074  | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | VL | NT | -44.06 | -0.025756 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | VN | NT | -45.33 | -0.026498 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | VH | NT | -38.35 | -0.022418 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | VL | NT | -46.83 | -0.027030 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | VN | NT | -21.73 | -0.012543 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | VH | NT | -38.04 | -0.021957 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | VL | NT | -17.07 | -0.009730 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | VN | NT | -16.58 | -0.009451 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | VH | NT | -38.80 | -0.022117 | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | VL | NT | 24.32  | 0.014210  | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | VN | NT | 26.94  | 0.015741  | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | VH | NT | -17.74 | -0.010365 | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 20175 | 15RB#0  | VL | NT | 11.37  | 0.006563  | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 20175 | 15RB#0  | VN | NT | 17.21  | 0.009934  | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 20175 | 15RB#0  | VH | NT | -20.67 | -0.011931 | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 20385 | 15RB#0  | VL | NT | 17.35  | 0.009894  | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 20385 | 15RB#0  | VN | NT | 13.12  | 0.007482  | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 20385 | 15RB#0  | VH | NT | 22.24  | 0.012683  | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 19975 | 25RB#0  | VL | NT | 19.40  | 0.011328  | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 19975 | 25RB#0  | VN | NT | 32.20  | 0.018803  | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 19975 | 25RB#0  | VH | NT | 27.02  | 0.015778  | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 20175 | 25RB#0  | VL | NT | 10.69  | 0.006170  | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 20175 | 25RB#0  | VN | NT | 34.56  | 0.019948  | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 20175 | 25RB#0  | VH | NT | -23.45 | -0.013535 | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 20375 | 25RB#0  | VL | NT | 34.15  | 0.019486  | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 20375 | 25RB#0  | VN | NT | 36.16  | 0.020633  | ±2.5 | PASS |
| Band4 | 5MHz   | 64QAM | 20375 | 25RB#0  | VH | NT | 24.16  | 0.013786  | ±2.5 | PASS |
| Band4 | 10MHz  | 64QAM | 20000 | 50RB#0  | VL | NT | 29.30  | 0.017085  | ±2.5 | PASS |
| Band4 | 10MHz  | 64QAM | 20000 | 50RB#0  | VN | NT | 36.69  | 0.021394  | ±2.5 | PASS |
| Band4 | 10MHz  | 64QAM | 20000 | 50RB#0  | VH | NT | -7.24  | -0.004222 | ±2.5 | PASS |
| Band4 | 10MHz  | 64QAM | 20175 | 50RB#0  | VL | NT | -17.92 | -0.010343 | ±2.5 | PASS |
| Band4 | 10MHz  | 64QAM | 20175 | 50RB#0  | VN | NT | 18.01  | 0.010395  | ±2.5 | PASS |

|       |       |       |       |         |    |    |        |           |      |      |
|-------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0  | VH | NT | -10.70 | -0.006176 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | VL | NT | 29.83  | 0.017046  | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | VN | NT | 19.88  | 0.011360  | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | VH | NT | 11.49  | 0.006566  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | VL | NT | 9.23   | 0.005374  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | VN | NT | 14.71  | 0.008565  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | VH | NT | -20.40 | -0.011878 | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | VL | NT | 13.25  | 0.007648  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | VN | NT | 29.50  | 0.017027  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | VH | NT | -7.00  | -0.004040 | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | VL | NT | -2.50  | -0.001431 | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | VN | NT | 18.12  | 0.010369  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | VH | NT | 32.76  | 0.018747  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VL | NT | 10.99  | 0.006390  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VN | NT | -7.02  | -0.004081 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VH | NT | -20.00 | -0.011628 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VL | NT | -19.64 | -0.011336 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VN | NT | 27.78  | 0.016035  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VH | NT | -13.86 | -0.008000 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VL | NT | -11.66 | -0.006682 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VN | NT | 11.34  | 0.006499  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VH | NT | -37.31 | -0.021381 | ±2.5 | PASS |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | -30              | -34.7          | -0.020284       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | -20              | 7.44           | 0.004349        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 0                | -16.29         | -0.009522       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 10               | -14.19         | -0.008295       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 20               | -30.87         | -0.018045       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 30               | -10.18         | -0.0123         | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 40               | -9.27          | -0.0112         | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 50               | -7.79          | -0.0094         | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | -30              | -18.17         | -0.010488       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | -20              | -26.06         | -0.015042       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 0                | -7.71          | -0.00445        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 10               | -35.16         | -0.020294       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 20               | -7.52          | -0.004341       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 30               | -6.38          | -0.0077         | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 40               | -5.38          | -0.0065         | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 50               | -4.18          | -0.0051         | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0        | NV            | -30              | -48.04         | -0.027384       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0        | NV            | -20              | -27.24         | -0.015528       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0        | NV            | 0                | 9.58           | 0.005461        | ±2.5        | PASS    |



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|       |        |       |       |        |    |     |        |              |      |      |
|-------|--------|-------|-------|--------|----|-----|--------|--------------|------|------|
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 10  | -40.76 | -0.023234    | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 20  | -8.61  | -0.004908    | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | -30 | 24.02  | 0.014041     | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 30  | -2.47  | -0.003       | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 40  | -1.48  | -0.0018      | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 50  | -0.36  | -0.0004      | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | -20 | 48.84  | 0.02855      | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 0   | 7.07   | 0.004133     | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 10  | 18.44  | 0.010779     | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 20  | 31.01  | 0.018127     | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 30  | -9.82  | -0.011881428 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 40  | -8.17  | -0.009885057 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 50  | -7.26  | -0.008784029 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | -30 | -19.35 | -0.011169    | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | -20 | -21.8  | -0.012583    | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 0   | -19    | -0.010967    | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 10  | 15.65  | 0.009033     | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 20  | 13.2   | 0.007619     | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 30  | -6.14  | -0.007428917 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 40  | -4.47  | -0.005408348 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 50  | -3.18  | -0.00384755  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | -30 | -31.16 | -0.017762    | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | -20 | -26.75 | -0.015248    | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 0   | -9.28  | -0.00529     | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 10  | 6.22   | 0.003546     | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 20  | 9.86   | 0.00562      | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 30  | -2.54  | -0.0030732   | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 40  | -1.56  | -0.001887477 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 50  | -0.38  | -0.00045977  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | -30 | -14.39 | -0.008408    | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | -20 | -19.81 | -0.011575    | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 0   | 9.06   | 0.005294     | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 10  | -25.43 | -0.014858    | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 20  | 9.83   | 0.005743     | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 30  | -9.69  | -0.011688782 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 40  | -8.47  | -0.010217129 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 50  | -7.28  | -0.008781665 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | -30 | -34.39 | -0.01985     | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | -20 | 4.42   | 0.002551     | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 0   | -31.17 | -0.017991    | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 10  | -15.65 | -0.009033    | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 20  | -20.76 | -0.011983    | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 30  | -5.37  | -0.006477684 | ±2.5 | PASS |

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|       |      |       |       |        |    |     |        |              |      |      |
|-------|------|-------|-------|--------|----|-----|--------|--------------|------|------|
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | 40  | -4.25  | -0.005126659 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | 50  | -3.35  | -0.004041013 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | -30 | 4.76   | 0.002715     | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | -20 | 35.66  | 0.020336     | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 0   | 19.58  | 0.011166     | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 10  | 36.35  | 0.02073      | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 20  | 39.01  | 0.022247     | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 30  | -2.18  | -0.002629674 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 40  | -1.18  | -0.001423402 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 50  | 0.18   | 0.000217129  | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | NV | -30 | 36.46  | 0.021303     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | NV | -20 | 40.56  | 0.023699     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | NV | 0   | -9.97  | -0.005825    | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | NV | 10  | -20.18 | -0.011791    | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | NV | 20  | -36.64 | -0.021408    | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | NV | 30  | -9.34  | -0.003732268 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | NV | 40  | -8.18  | -0.003268731 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | NV | 50  | -7.28  | -0.002909091 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | -30 | 10.01  | 0.005778     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | -20 | 31.81  | 0.018361     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 0   | 11.39  | 0.006574     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 10  | 12.77  | 0.007371     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 20  | 16.78  | 0.009685     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 30  | -6.31  | -0.002521479 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 40  | -5.26  | -0.002101898 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 50  | -4.33  | -0.00173027  | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | -30 | 31.29  | 0.017844     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | -20 | 31.34  | 0.017873     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 0   | 44.1   | 0.02515      | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 10  | 11.22  | 0.006399     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 20  | 18.87  | 0.010761     | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 30  | -3.26  | -0.001302697 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 40  | -1.81  | -0.000723277 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 50  | -0.39  | -0.000155844 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | -30 | -12.16 | -0.007101    | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | -20 | -32.89 | -0.019206    | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 0   | -13.16 | -0.007685    | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 10  | -33.04 | -0.019293    | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 20  | -17.27 | -0.010085    | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 30  | -9.86  | -0.003936128 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 40  | -8.75  | -0.003493014 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 50  | -6.73  | -0.002686627 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | -30 | -18.45 | -0.010649    | ±2.5 | PASS |



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|       |       |       |       |        |    |     |        |              |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|--------------|------|------|
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | NV | -20 | -37.84 | -0.021841    | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | NV | 0   | -16.01 | -0.009241    | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | NV | 10  | 17.84  | 0.010297     | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | NV | 20  | -21.87 | -0.012623    | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | NV | 30  | -5.25  | -0.002095808 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | NV | 40  | -4.41  | -0.001760479 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | NV | 50  | -3.69  | -0.001473054 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | NV | -30 | 8.91   | 0.005084     | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | NV | -20 | 7.08   | 0.00404      | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | NV | 0   | 11.36  | 0.006482     | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | NV | 10  | 17.85  | 0.010185     | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | NV | 20  | 23.55  | 0.013438     | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | NV | 30  | -2.14  | -0.000854291 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | NV | 40  | -1.74  | -0.000694611 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | NV | 50  | -0.84  | -0.000335329 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | NV | -30 | -24.4  | -0.014248    | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | NV | -20 | -29.3  | -0.017109    | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | NV | 0   | -22.33 | -0.013039    | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | NV | 10  | -8.98  | -0.005244    | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | NV | 20  | -16.19 | -0.009454    | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | NV | 30  | -10.28 | -0.004099701 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | NV | 40  | -9.67  | -0.003856431 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | NV | 50  | -7.48  | -0.002983051 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | -30 | -6.69  | -0.002667996 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | -20 | 31.97  | 0.018453     | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 0   | 26.74  | 0.015434     | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 10  | 31.23  | 0.018026     | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 20  | 25.33  | 0.01462      | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 30  | -6.69  | -0.002667996 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 40  | -5.28  | -0.002105683 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 50  | -4.13  | -0.001647059 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | -30 | 21.67  | 0.012365     | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | -20 | 27.34  | 0.015601     | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 0   | -13.65 | -0.007789    | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 10  | 6.54   | 0.003732     | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 20  | 18.28  | 0.010431     | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 30  | -2.25  | -0.000897308 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 40  | -1.17  | -0.0004666   | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 50  | -0.38  | -0.000151545 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | -30 | -15.86 | -0.009248    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | -20 | -15.09 | -0.008799    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 0   | -13.78 | -0.008035    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 10  | 16.25  | 0.009475     | ±2.5 | PASS |



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|       |       |       |       |        |    |     |        |              |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|--------------|------|------|
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 20  | 15.64  | 0.00912      | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 30  | -10.18 | -0.004055777 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 40  | -9.85  | -0.003924303 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 50  | -8.67  | -0.003454183 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | -30 | -16.38 | -0.009455    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | -20 | -37.05 | -0.021385    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 0   | -27.27 | -0.01574     | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 10  | -22.27 | -0.012854    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 20  | -19.94 | -0.011509    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 30  | -7.52  | -0.002996016 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 40  | -5.28  | -0.002103586 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 50  | -4.51  | -0.001796813 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | -30 | 6.71   | 0.003834     | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | -20 | -12.1  | -0.006914    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 0   | -16.87 | -0.00964     | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 10  | -14.03 | -0.008017    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 20  | -14.36 | -0.008206    | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 30  | -3.39  | -0.001350598 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 40  | -2.18  | -0.000868526 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 50  | -0.47  | -0.000187251 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | -30 | 33.66  | 0.019627     | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | -20 | 17.88  | 0.010426     | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 0   | 15.44  | 0.009003     | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 10  | -6.42  | -0.003743    | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 20  | -11.09 | -0.006466    | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 30  | -10.21 | -0.014591968 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 40  | -9.18  | -0.013119909 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 50  | -8.25  | -0.011790767 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | -30 | -21.83 | -0.0126      | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | -20 | -14.96 | -0.008635    | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 0   | 8.63   | 0.004981     | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 10  | 7.72   | 0.004456     | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 20  | -11.1  | -0.006407    | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 30  | -6.74  | -0.0096327   | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 40  | -5.12  | -0.007317422 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 50  | -4.31  | -0.006159783 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | -30 | -20.66 | -0.011806    | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | -20 | -8.4   | -0.0048      | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 0   | -5.46  | -0.00312     | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 10  | -10.16 | -0.005806    | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 20  | -20.89 | -0.011937    | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 30  | -3.32  | -0.004744891 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 40  | -1.89  | -0.002701158 | ±2.5 | PASS |



**BUREAU  
VERITAS**

**Test Report No.: W7L-P21120038RF05**

|       |       |       |       |        |    |     |        |              |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|--------------|------|------|
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 50  | -0.68  | -0.000971845 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | -30 | -7.32  | -0.004262    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | -20 | -6.48  | -0.003773    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 0   | -35.28 | -0.020541    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 10  | -11.46 | -0.006672    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 20  | -41.44 | -0.024128    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 30  | -10.12 | -0.014446824 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 40  | -8.98  | -0.012819415 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 50  | -7.58  | -0.010820842 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | -30 | -7.41  | -0.004277    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | -20 | -35.58 | -0.020537    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 0   | -40.11 | -0.023152    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 10  | -18.07 | -0.01043     | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 20  | -30.13 | -0.017391    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 30  | -5.56  | -0.007937188 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 40  | -4.58  | -0.006538187 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 50  | -3.19  | -0.00455389  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | -30 | 11.56  | 0.006615     | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | -20 | 14.45  | 0.008269     | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 0   | 22.83  | 0.013064     | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 10  | -6.62  | -0.003788    | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 20  | 18.17  | 0.010398     | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 30  | -1.85  | -0.002640971 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 40  | -0.86  | -0.001227695 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 50  | 0.36   | 0.000513919  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | -30 | 16.09  | 0.009368     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | -20 | 16.78  | 0.00977      | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 0   | 28.7   | 0.01671      | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 10  | 34.2   | 0.019913     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 20  | 38.71  | 0.022539     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 30  | -9.42  | -0.003661808 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 40  | -8.16  | -0.003172012 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 50  | -7.47  | -0.00290379  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | NV | -30 | 35.96  | 0.020756     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | NV | -20 | 31.31  | 0.018072     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | NV | 0   | 20.71  | 0.011954     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | NV | 10  | 27.91  | 0.01611      | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | NV | 20  | -7.7   | -0.004444    | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | NV | 30  | -9.96  | -0.003867961 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | NV | 40  | -8.54  | -0.003316505 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | NV | 50  | -6.59  | -0.002559223 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | NV | -30 | 30.28  | 0.017328     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | NV | -20 | 23.8   | 0.013619     | ±2.5 | PASS |

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|       |       |       |       |         |    |     |        |              |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|--------------|------|------|
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 0   | 16.01  | 0.009162     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 10  | 15.26  | 0.008732     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 20  | 20.4   | 0.011674     | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 30  | -10.16 | -0.003941804 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 40  | -9.26  | -0.003592629 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 50  | -7.48  | -0.002902037 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | -30 | -5.28  | -0.00307     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | -20 | -15.94 | -0.009267    | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 0   | -24.68 | -0.014349    | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 10  | -26.64 | -0.015488    | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 20  | 24.13  | 0.014029     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 30  | -6.35  | -0.002463628 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 40  | -5.36  | -0.002079534 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 50  | -4.15  | -0.001610087 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -30 | 51.9   | 0.029957     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -20 | 32.2   | 0.018586     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 0   | 23.32  | 0.01346      | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 10  | 25.28  | 0.014592     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 20  | 26.41  | 0.015244     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 30  | -2.85  | -0.001105723 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 40  | -1.47  | -0.00057032  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 50  | -0.38  | -0.00014743  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -30 | 26.72  | 0.015312     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -20 | 16.35  | 0.00937      | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 0   | 30.57  | 0.017519     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 10  | 29.83  | 0.017095     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 20  | 32.8   | 0.018797     | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 30  | -10.56 | -0.004093023 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 40  | -9.85  | -0.003817829 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 50  | -8.47  | -0.003282946 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -30 | 11.2   | 0.006512     | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -20 | 26.64  | 0.015488     | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 0   | 36.84  | 0.021419     | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 10  | 13.29  | 0.007727     | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 20  | 13.3   | 0.007733     | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 30  | -7.62  | -0.002953488 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 40  | -5.51  | -0.001205426 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 50  | -4.18  | -0.001620155 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -30 | 18.8   | 0.010851     | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -20 | 25.05  | 0.014459     | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 0   | 6.04   | 0.003486     | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 10  | -10.97 | -0.006332    | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 20  | 24.03  | 0.01387      | ±2.5 | PASS |

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|       |        |       |       |         |    |     |        |              |      |      |
|-------|--------|-------|-------|---------|----|-----|--------|--------------|------|------|
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | NV | 30  | -3.11  | -0.001205426 | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | NV | 40  | -2.28  | -0.000883721 | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | NV | 50  | -0.825 | -0.000319767 | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | NV | -30 | 17.35  | 0.009943     | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | NV | -20 | 48.85  | 0.027994     | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | NV | 0   | 35.91  | 0.020579     | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | NV | 10  | 32.03  | 0.018355     | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | NV | 20  | 31.53  | 0.018069     | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | NV | 30  | -10.25 | -0.005538445 | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | NV | 40  | -9.32  | -0.005035932 | ±2.5 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | NV | 50  | -8.15  | -0.004403739 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | NV | -30 | -39.73 | -0.023224    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | NV | -20 | -22.65 | -0.01324     | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | NV | 0   | -18.84 | -0.011013    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | NV | 10  | -17.97 | -0.010504    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | NV | 20  | -51.93 | -0.030356    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | NV | 30  | -7.42  | -0.004009294 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | NV | 40  | -5.45  | -0.002944832 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | NV | 50  | -4.26  | -0.002301832 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | NV | -30 | -19.47 | -0.011238    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | NV | -20 | -24.52 | -0.014153    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | NV | 0   | -31.24 | -0.018032    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | NV | 10  | -39.81 | -0.022978    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | NV | 20  | -46.76 | -0.02699     | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | NV | 30  | -3.38  | -0.001826336 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | NV | 40  | -1.58  | -0.000853731 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0   | NV | 50  | -0.65  | -0.000351218 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | NV | -30 | -39.04 | -0.022254    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | NV | -20 | -26.74 | -0.015243    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | NV | 0   | -14.05 | -0.008009    | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | NV | 10  | -48.77 | -0.0278      | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | NV | 20  | 3.91   | 0.002229     | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | NV | 30  | -10.21 | -0.005514448 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | NV | 40  | -9.24  | -0.004990548 | ±2.5 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | NV | 50  | -8.47  | -0.004574669 | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | NV | -30 | -35.63 | -0.020818    | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | NV | -20 | -45.48 | -0.026573    | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | NV | 0   | -24.05 | -0.014052    | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | NV | 10  | -20.61 | -0.012042    | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | NV | 20  | -10.1  | -0.005901    | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | NV | 30  | -6.42  | -0.003467459 | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | NV | 40  | -5.18  | -0.002797732 | ±2.5 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 15RB#0  | NV | 50  | -4.26  | -0.002300837 | ±2.5 | PASS |

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|       |       |       |       |        |    |     |        |              |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|--------------|------|------|
| Band4 | 3MHz  | 64QAM | 20175 | 15RB#0 | NV | -30 | -11.94 | -0.006892    | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20175 | 15RB#0 | NV | -20 | -12.19 | -0.007036    | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20175 | 15RB#0 | NV | 0   | -9.48  | -0.005472    | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20175 | 15RB#0 | NV | 10  | -42.44 | -0.024496    | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20175 | 15RB#0 | NV | 20  | -17.71 | -0.010222    | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20175 | 15RB#0 | NV | 30  | -3.16  | -0.001706724 | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20175 | 15RB#0 | NV | 40  | -1.75  | -0.00094518  | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20175 | 15RB#0 | NV | 50  | -0.57  | -0.000307858 | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20385 | 15RB#0 | NV | -30 | 30.38  | 0.017325     | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20385 | 15RB#0 | NV | -20 | 18.97  | 0.010818     | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20385 | 15RB#0 | NV | 0   | 38.37  | 0.021882     | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20385 | 15RB#0 | NV | 10  | 12.76  | 0.007277     | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20385 | 15RB#0 | NV | 20  | 9.08   | 0.005178     | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20385 | 15RB#0 | NV | 30  | -9.89  | -0.005338731 | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20385 | 15RB#0 | NV | 40  | -8.47  | -0.0045722   | ±2.5 | PASS |
| Band4 | 3MHz  | 64QAM | 20385 | 15RB#0 | NV | 50  | -7.36  | -0.003973009 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 19975 | 25RB#0 | NV | -30 | 18.37  | 0.010727     | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 19975 | 25RB#0 | NV | -20 | 16.71  | 0.009758     | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 19975 | 25RB#0 | NV | 0   | -22.27 | -0.013004    | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 19975 | 25RB#0 | NV | 10  | -29.24 | -0.017074    | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 19975 | 25RB#0 | NV | 20  | -17.19 | -0.010038    | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 19975 | 25RB#0 | NV | 30  | -6.45  | -0.003481781 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 19975 | 25RB#0 | NV | 40  | -5.41  | -0.002920378 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 19975 | 25RB#0 | NV | 50  | -4.25  | -0.002294197 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20175 | 25RB#0 | NV | -30 | -28.68 | -0.016554    | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20175 | 25RB#0 | NV | -20 | -27.64 | -0.015954    | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20175 | 25RB#0 | NV | 0   | -22.46 | -0.012964    | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20175 | 25RB#0 | NV | 10  | 8.18   | 0.004722     | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20175 | 25RB#0 | NV | 20  | 24.85  | 0.014343     | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20175 | 25RB#0 | NV | 30  | -2.87  | -0.001549258 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20175 | 25RB#0 | NV | 40  | -1.36  | -0.000734143 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20175 | 25RB#0 | NV | 50  | -0.28  | -0.000151147 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0 | NV | -30 | -4.71  | -0.002688    | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0 | NV | -20 | 9.11   | 0.005198     | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0 | NV | 0   | 21.37  | 0.012194     | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0 | NV | 10  | 7.34   | 0.004188     | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0 | NV | 20  | 33.25  | 0.018973     | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0 | NV | 30  | -9.56  | -0.005153639 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0 | NV | 40  | -8.27  | -0.004458221 | ±2.5 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0 | NV | 50  | -7.14  | -0.003849057 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | NV | -30 | -40.3  | -0.023499    | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | NV | -20 | -6.22  | -0.003627    | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | NV | 0   | -18.44 | -0.010752    | ±2.5 | PASS |



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**Test Report No.: W7L-P21120038RF05**

|       |       |       |       |        |    |     |        |              |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|--------------|------|------|
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | NV | 10  | -41.93 | -0.024449    | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | NV | 20  | -4.53  | -0.002641    | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | NV | 30  | -6.25  | -0.003369272 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | NV | 40  | -5.23  | -0.002819407 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | NV | 50  | -3.78  | -0.002037736 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | NV | -30 | 3.56   | 0.002055     | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | NV | -20 | -38.34 | -0.02213     | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | NV | 0   | -21.46 | -0.012387    | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | NV | 10  | -40.66 | -0.023469    | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | NV | 20  | -11.23 | -0.006482    | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | NV | 30  | -9.45  | -0.005087483 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | NV | 40  | -8.74  | -0.004705249 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | NV | 50  | -7.36  | -0.003962315 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | NV | -30 | 31.54  | 0.018023     | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | NV | -20 | 26.85  | 0.015343     | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | NV | 0   | 16.54  | 0.009451     | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | NV | 10  | 30.94  | 0.01768      | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | NV | 20  | 25.21  | 0.014406     | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | NV | 30  | -5.26  | -0.002831763 | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | NV | 40  | -4.47  | -0.00240646  | ±2.5 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | NV | 50  | -3.52  | -0.00189502  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | NV | -30 | 9.24   | 0.00538      | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | NV | -20 | -31.77 | -0.018498    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | NV | 0   | -11.6  | -0.006754    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | NV | 10  | -38.67 | -0.022515    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | NV | 20  | -21.87 | -0.012734    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | NV | 30  | -2.15  | -0.00115747  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | NV | 40  | -1.24  | -0.000667564 | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | NV | 50  | 0.36   | 0.000193809  | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | NV | -30 | -18.93 | -0.010926    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | NV | -20 | -7.67  | -0.004427    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | NV | 0   | -24.19 | -0.013962    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | NV | 10  | -16.67 | -0.009622    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | NV | 20  | -26.02 | -0.015019    | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | NV | 30  | -8.96  | -0.004817204 | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | NV | 40  | -7.78  | -0.004182796 | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | NV | 50  | -6.54  | -0.003516129 | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | NV | -30 | 42.63  | 0.024395     | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | NV | -20 | 17.84  | 0.010209     | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | NV | 0   | 42.86  | 0.024526     | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | NV | 10  | 17.21  | 0.009848     | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | NV | 20  | 22.73  | 0.013007     | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | NV | 30  | -5.24  | -0.002817204 | ±2.5 | PASS |



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|       |       |       |       |         |    |     |        |              |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|--------------|------|------|
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | NV | 40  | -4.25  | -0.002284946 | ±2.5 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | NV | 50  | -3.32  | -0.001784946 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -30 | -51.17 | -0.02975     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -20 | 32.09  | 0.018657     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 0   | -25.65 | -0.014913    | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 10  | -42.39 | -0.024645    | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 20  | -33.23 | -0.01932     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 30  | -1.87  | -0.001005376 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 40  | -0.85  | -0.000456989 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 50  | 0.42   | 0.000225806  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -30 | 4.58   | 0.002644     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -20 | -30.87 | -0.017818    | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 0   | -27.52 | -0.015885    | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 10  | -9.6   | -0.005541    | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 20  | -11    | -0.006349    | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 30  | -10.52 | -0.005685872 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 40  | -9.25  | -0.00499946  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 50  | -8.41  | -0.004545455 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -30 | 18.44  | 0.010567     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -20 | 18.47  | 0.010585     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 0   | 21.46  | 0.012298     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 10  | 6.49   | 0.003719     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 20  | 24.42  | 0.013994     | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 30  | -7.08  | -0.003826613 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 40  | -5.42  | -0.002929413 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 50  | -4.384 | -0.002369474 | ±2.5 | PASS |

## LTE BAND7

### PEAK-TO-AVERAGE RATIO(CCDF)

#### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 5.30       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 5.63       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 5.34       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 5.61       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 4.95       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 5.44       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 6.14       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 6.39       | 13        | PASS    |



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|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0   | 5.87 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0  | 6.45 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0   | 5.73 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 6.26 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 5.21 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 5.72 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 5.24 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 5.66 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 4.57 | 13 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 5.43 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 5.66 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 6.44 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 6.03 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 6.33 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 5.48 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 6.23 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 5.27 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 6.02 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 4.99 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 5.95 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 4.86 | 13 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 5.64 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 5.90 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 6.47 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 5.74 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 6.40 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 5.80 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 6.20 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 5.14 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 5.72 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 5.23 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 5.76 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 4.84 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 5.50 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 5.86 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 6.39 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 5.86 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.39 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 6.07 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 6.19 | 13 | PASS |
| Band7 | 5MHz  | 64QAM | 20775 | 1RB#0   | 5.11 | 13 | PASS |
| Band7 | 5MHz  | 64QAM | 20775 | 25RB#0  | 5.58 | 13 | PASS |
| Band7 | 5MHz  | 64QAM | 21100 | 1RB#0   | 4.67 | 13 | PASS |
| Band7 | 5MHz  | 64QAM | 21100 | 25RB#0  | 5.48 | 13 | PASS |
| Band7 | 5MHz  | 64QAM | 21425 | 1RB#0   | 4.87 | 13 | PASS |
| Band7 | 5MHz  | 64QAM | 21425 | 25RB#0  | 5.49 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0   | 5.10 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0  | 5.84 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0   | 4.74 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0  | 5.51 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0   | 4.51 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0  | 5.48 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0   | 5.36 | 13 | PASS |



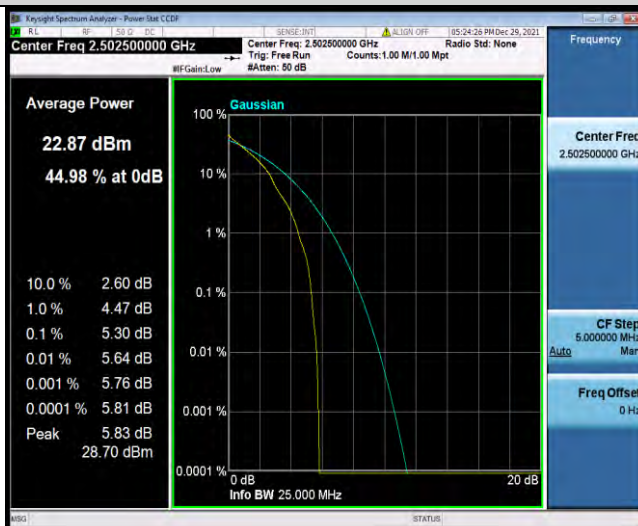
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Test Report No.: W7L-P21120038RF05

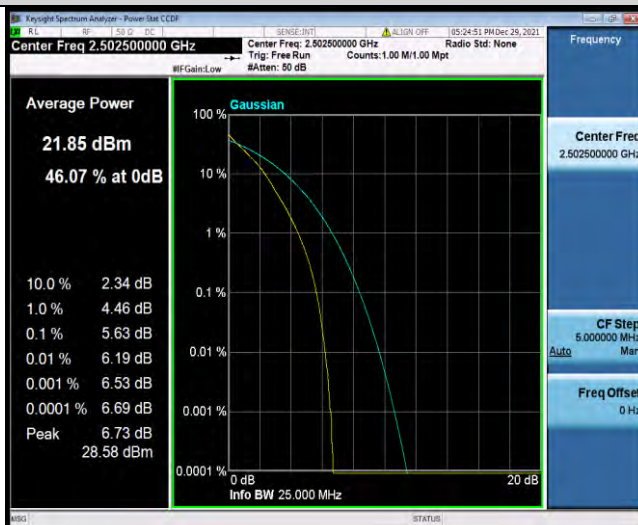
|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0  | 6.05 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0   | 4.85 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0  | 5.74 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0   | 4.64 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0  | 5.66 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0   | 4.86 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 6.08 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0   | 4.84 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 5.84 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0   | 5.46 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 5.86 | 13 | PASS |

## Test Graphs

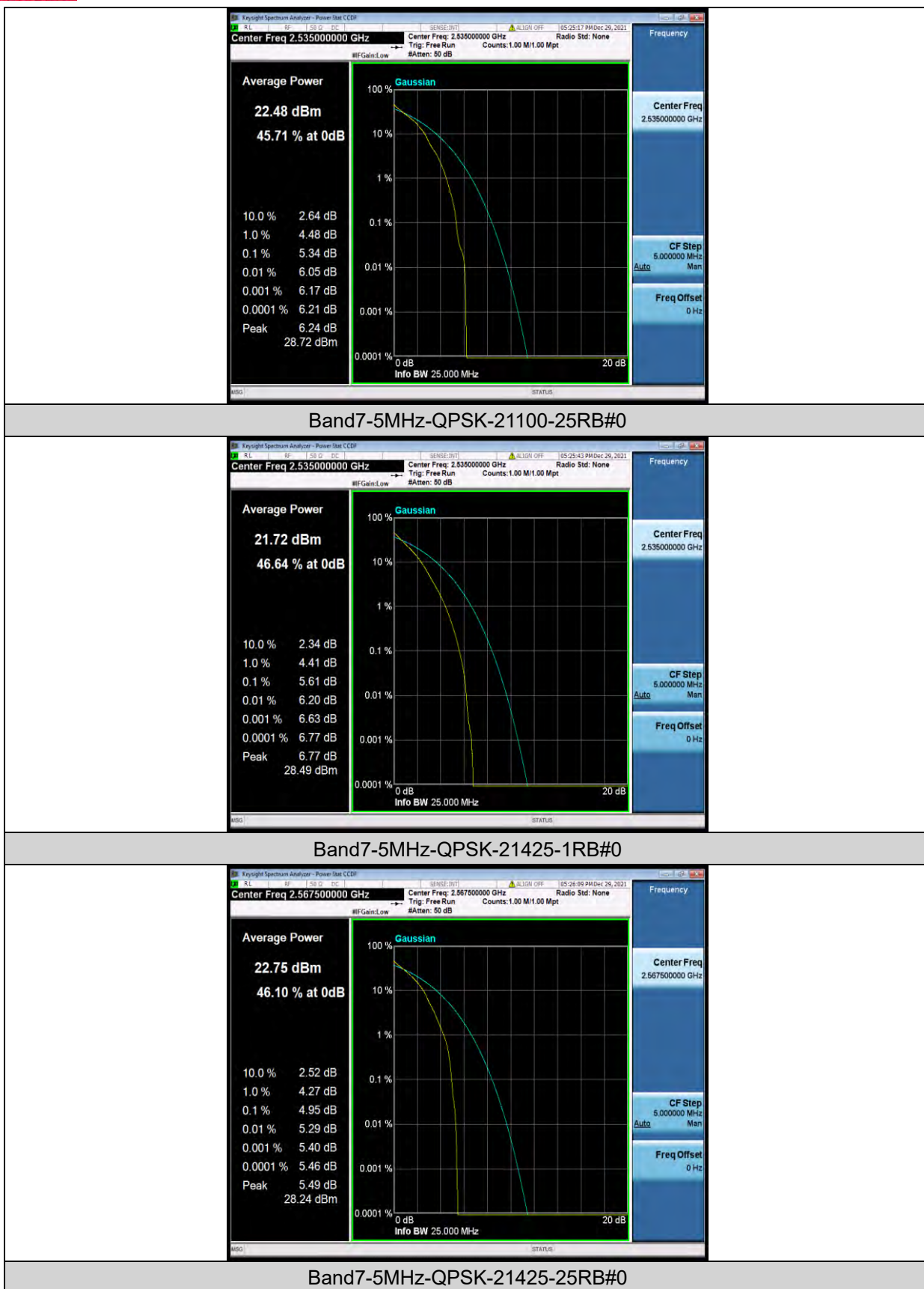
Band7-5MHz-QPSK-20775-1RB#0

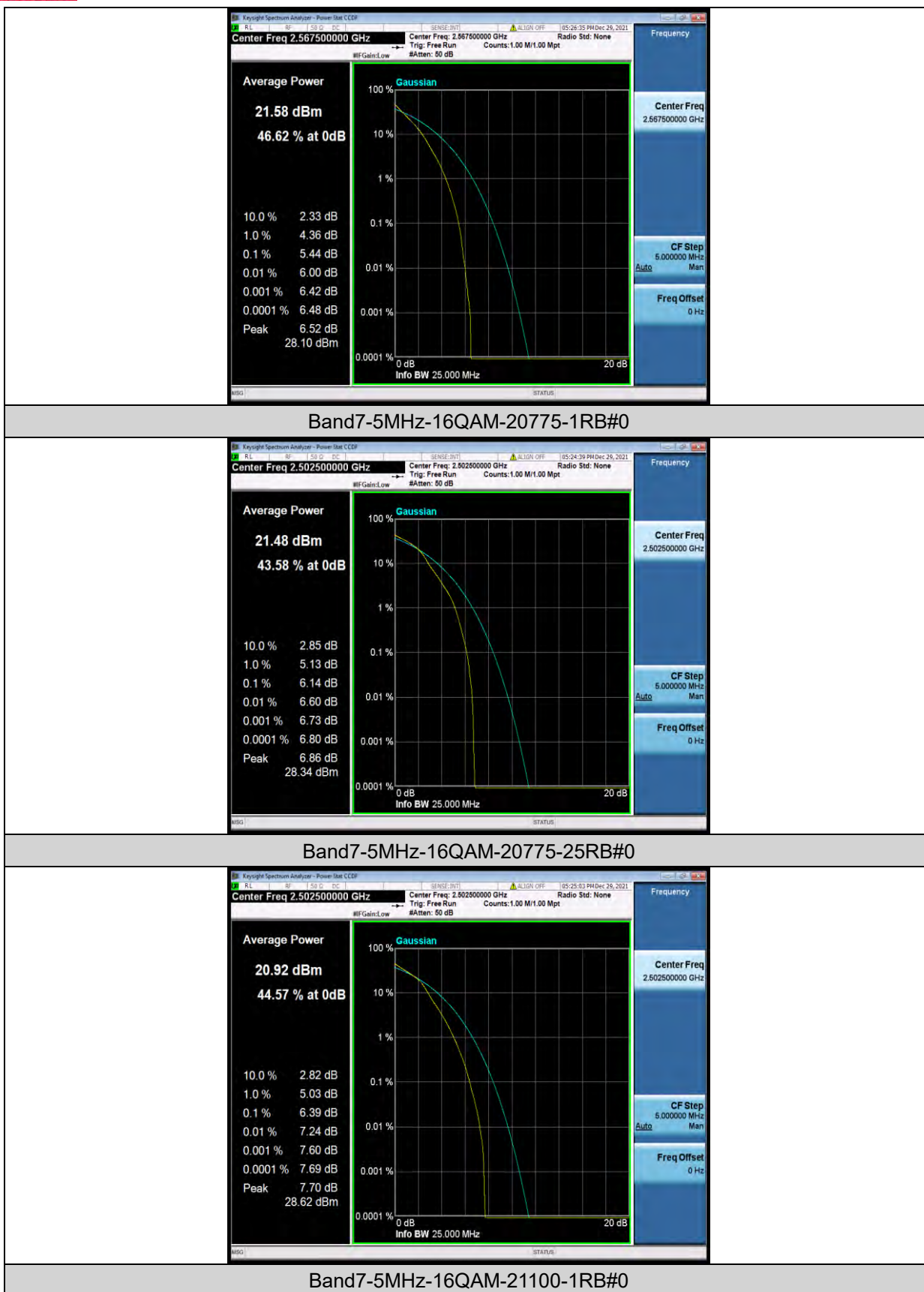


Band7-5MHz-QPSK-20775-25RB#0



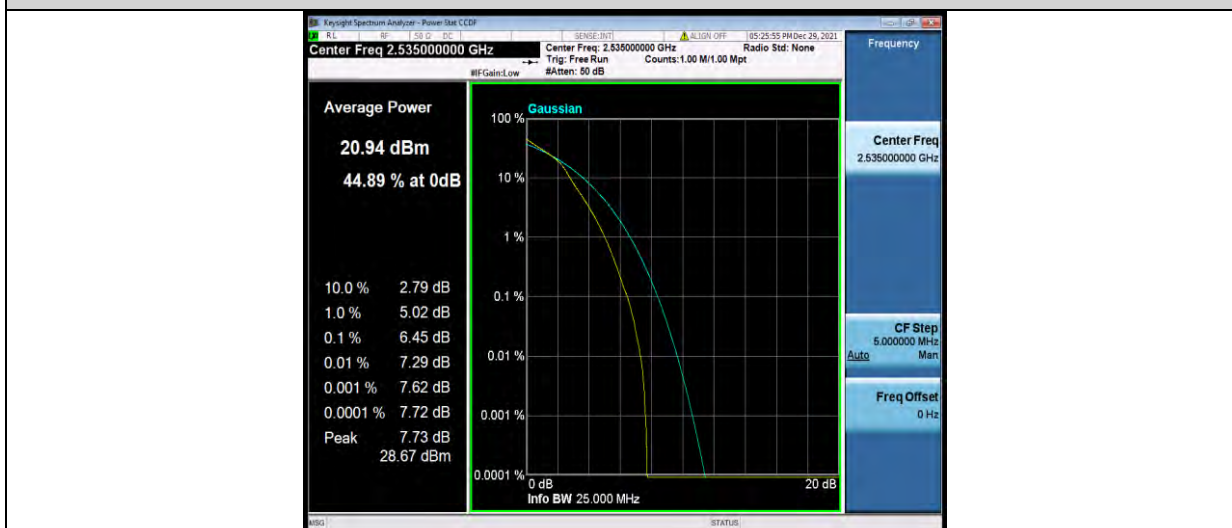
Band7-5MHz-QPSK-21100-1RB#0



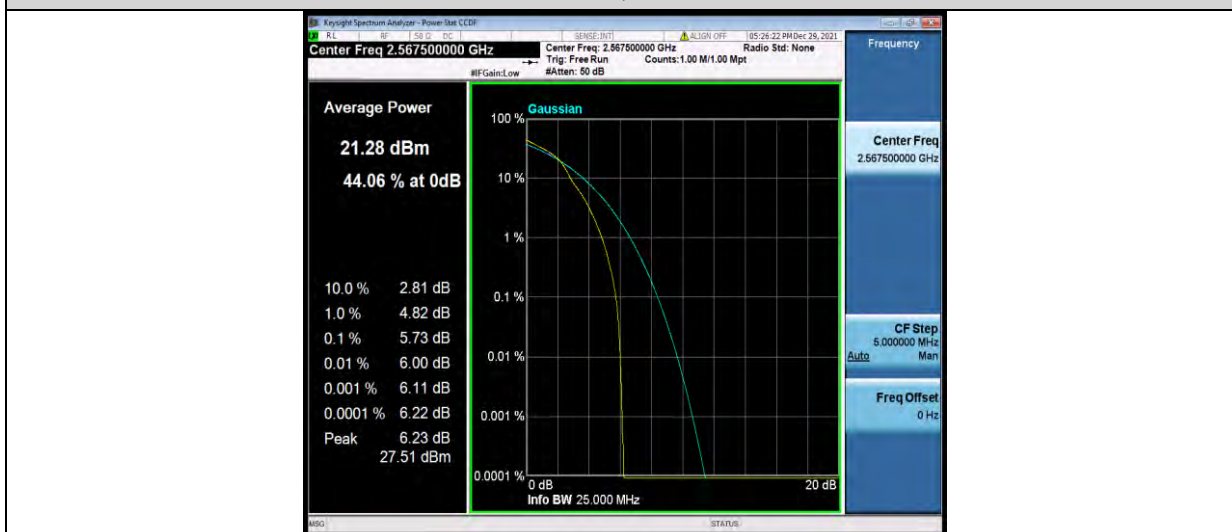




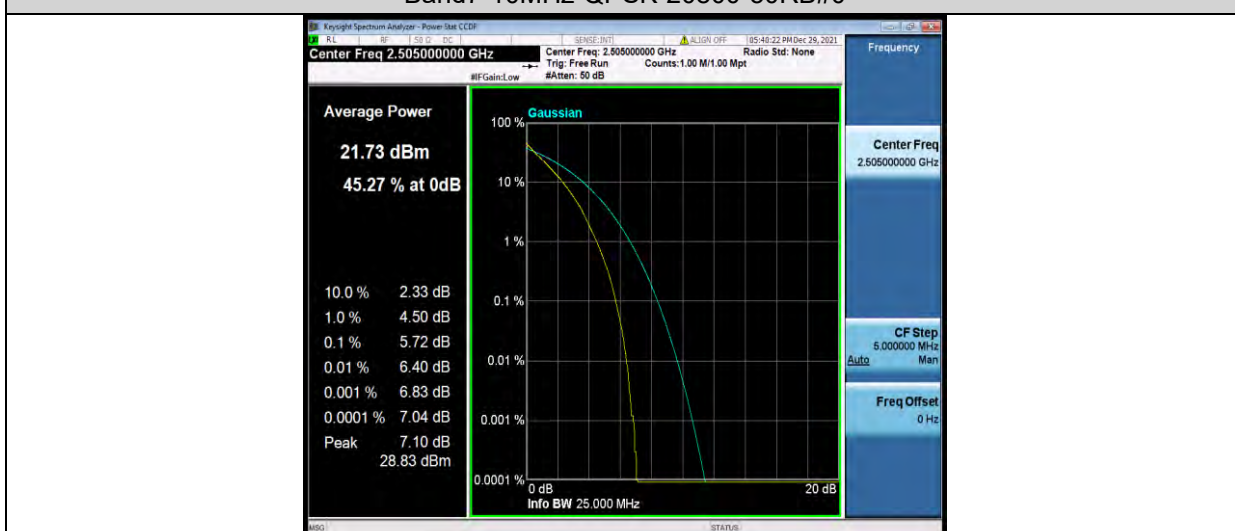
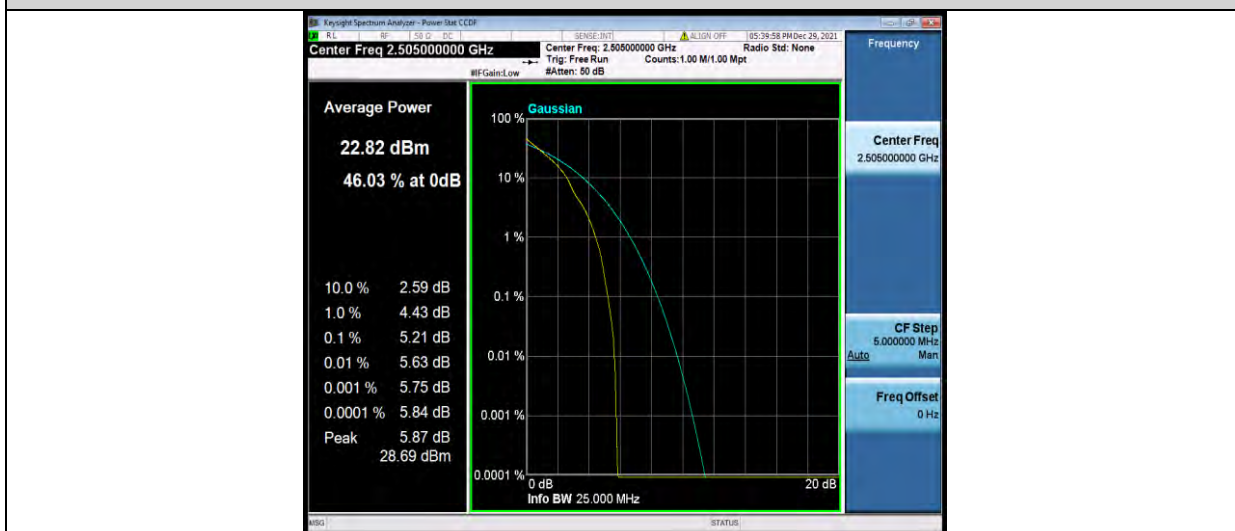
Band7-5MHz-16QAM-21100-25RB#0

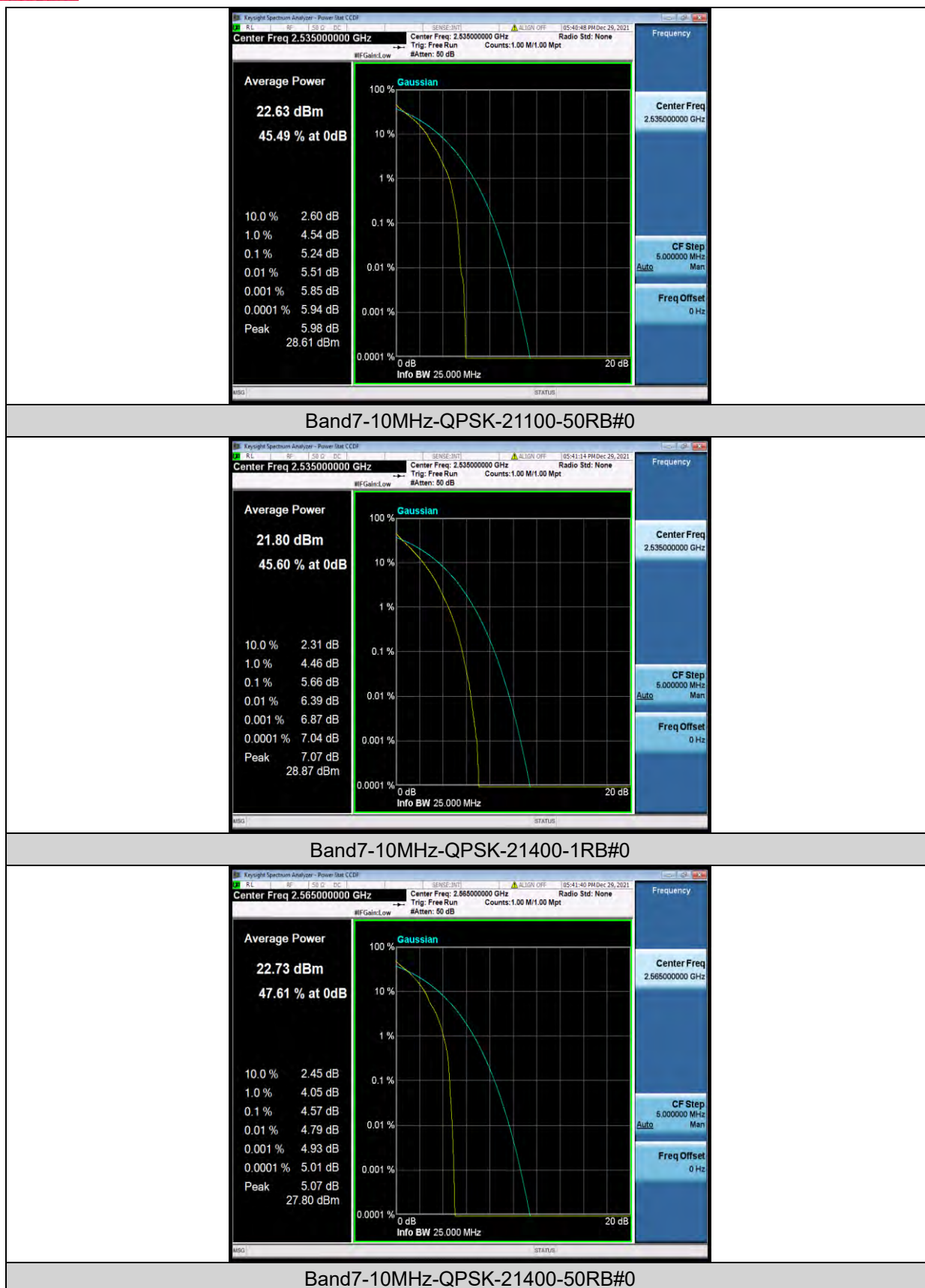


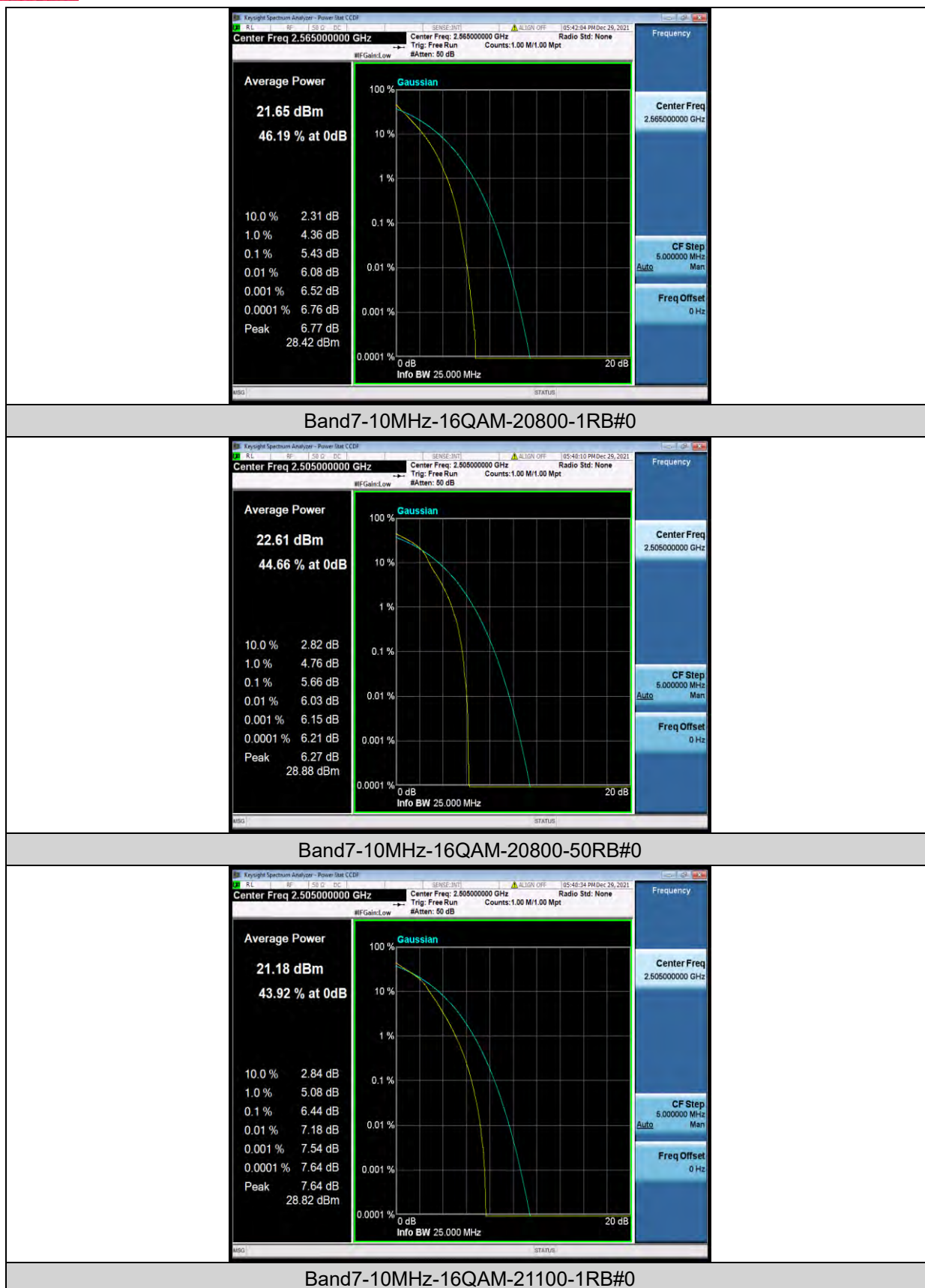
Band7-5MHz-16QAM-21425-1RB#0

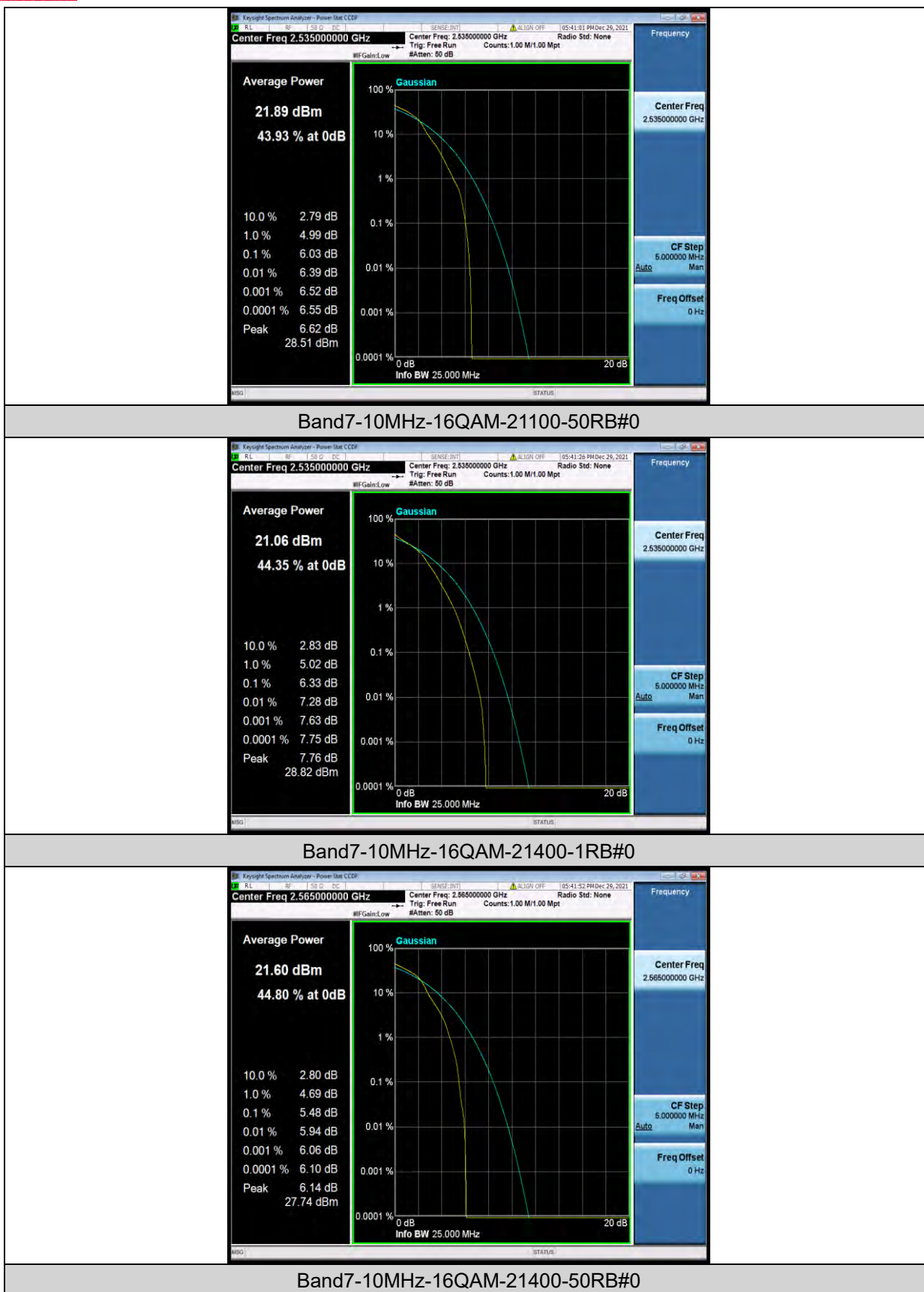


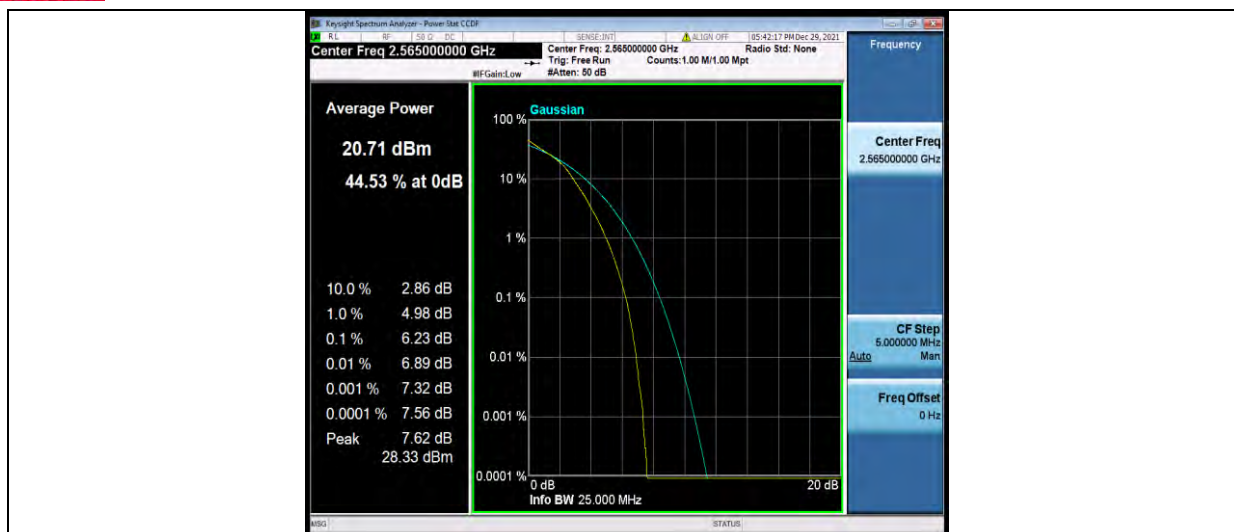
Band7-5MHz-16QAM-21425-25RB#0



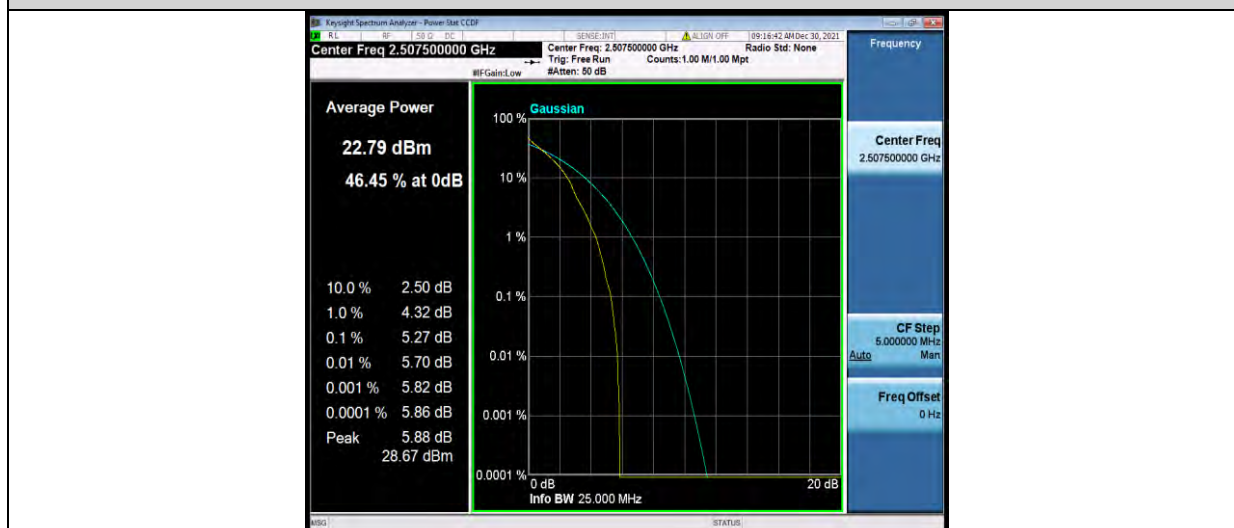








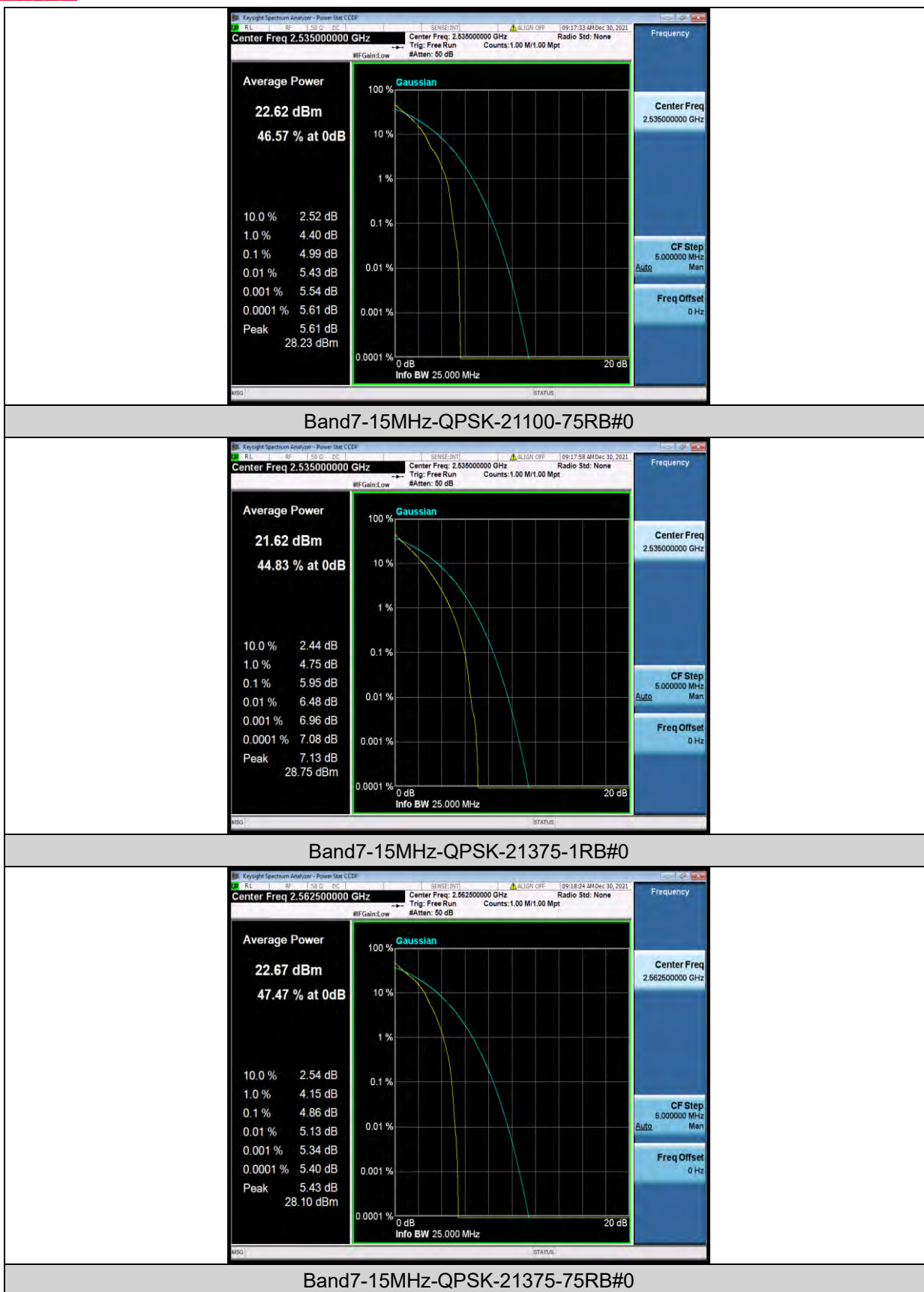
Band7-15MHz-QPSK-20825-1RB#0

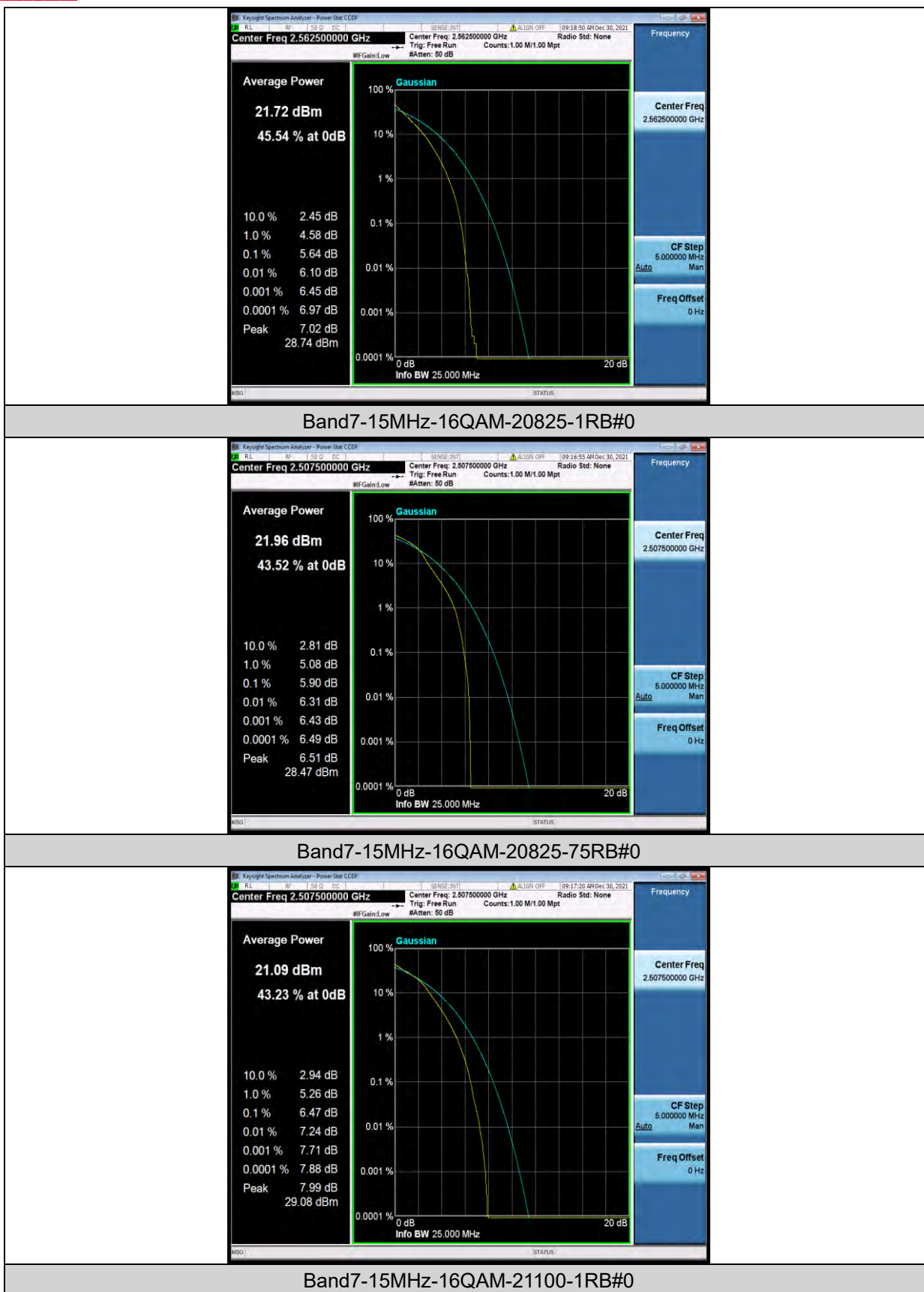


Band7-15MHz-QPSK-20825-75RB#0



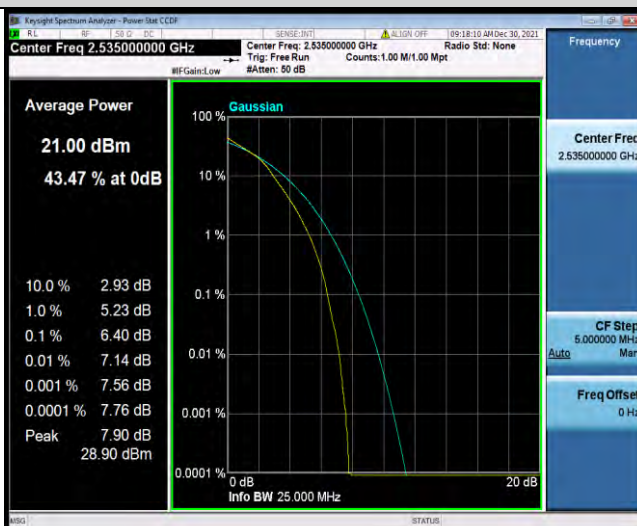
Band7-15MHz-QPSK-21100-1RB#0



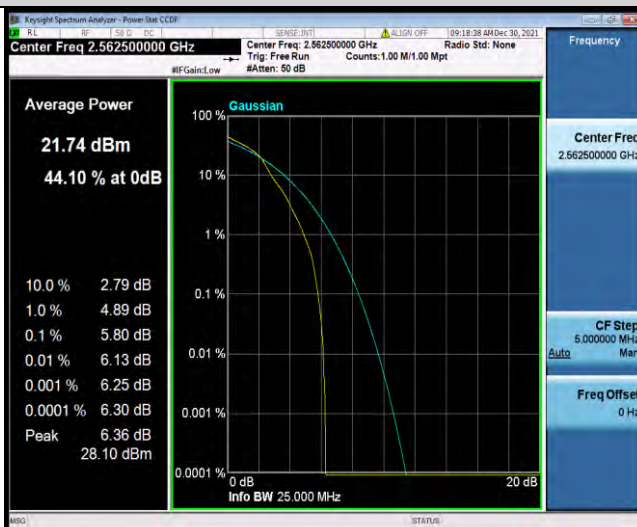




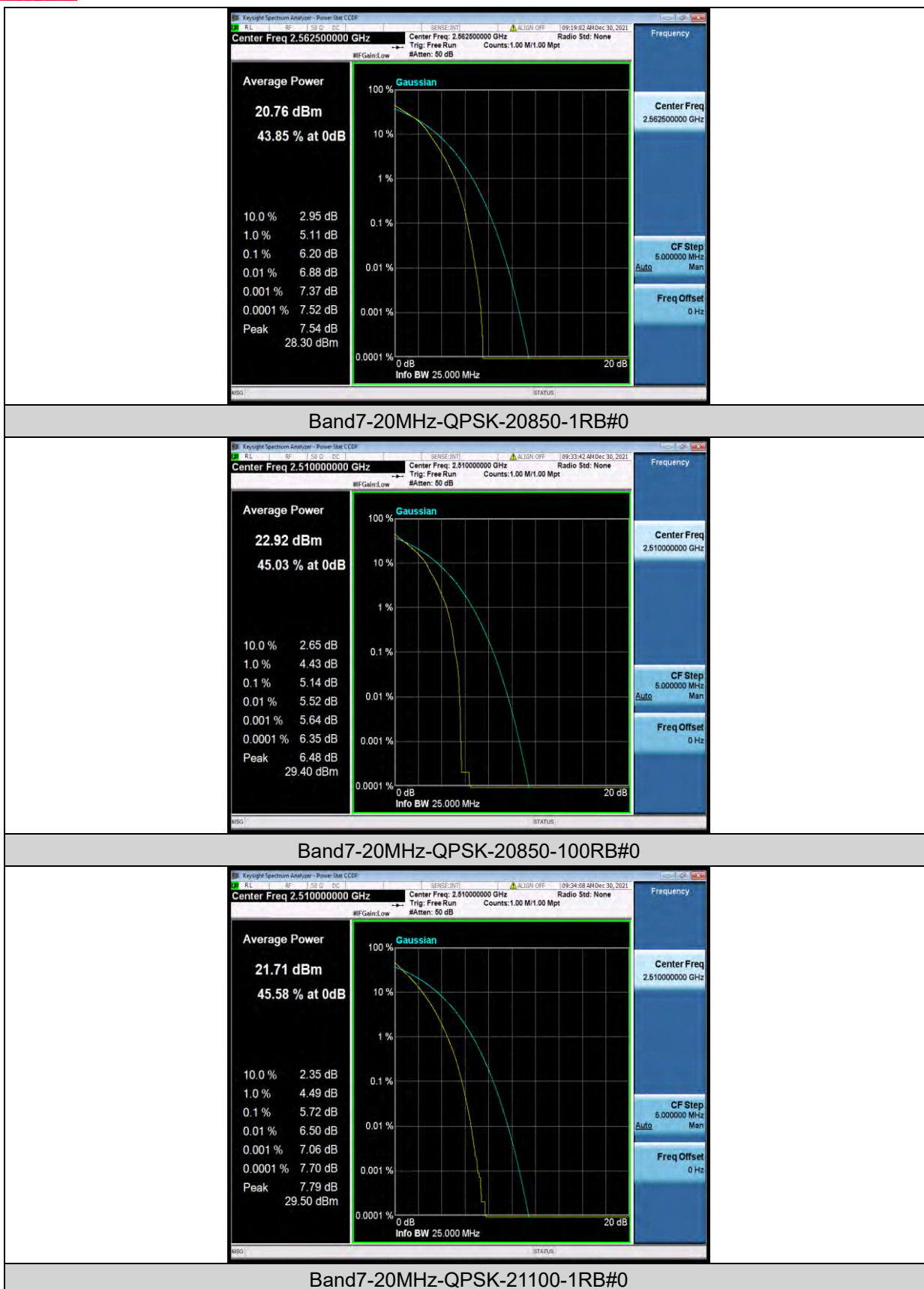
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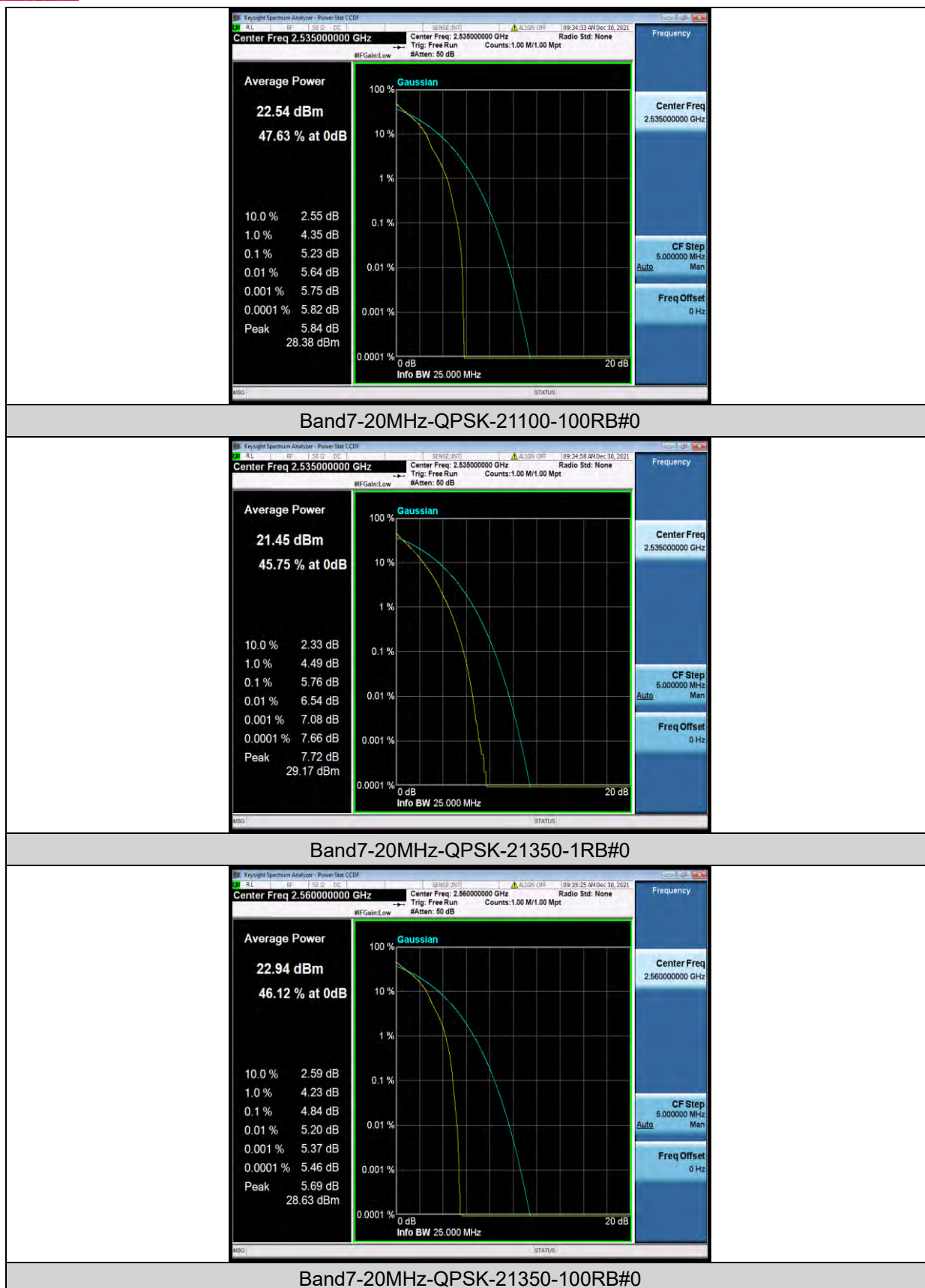


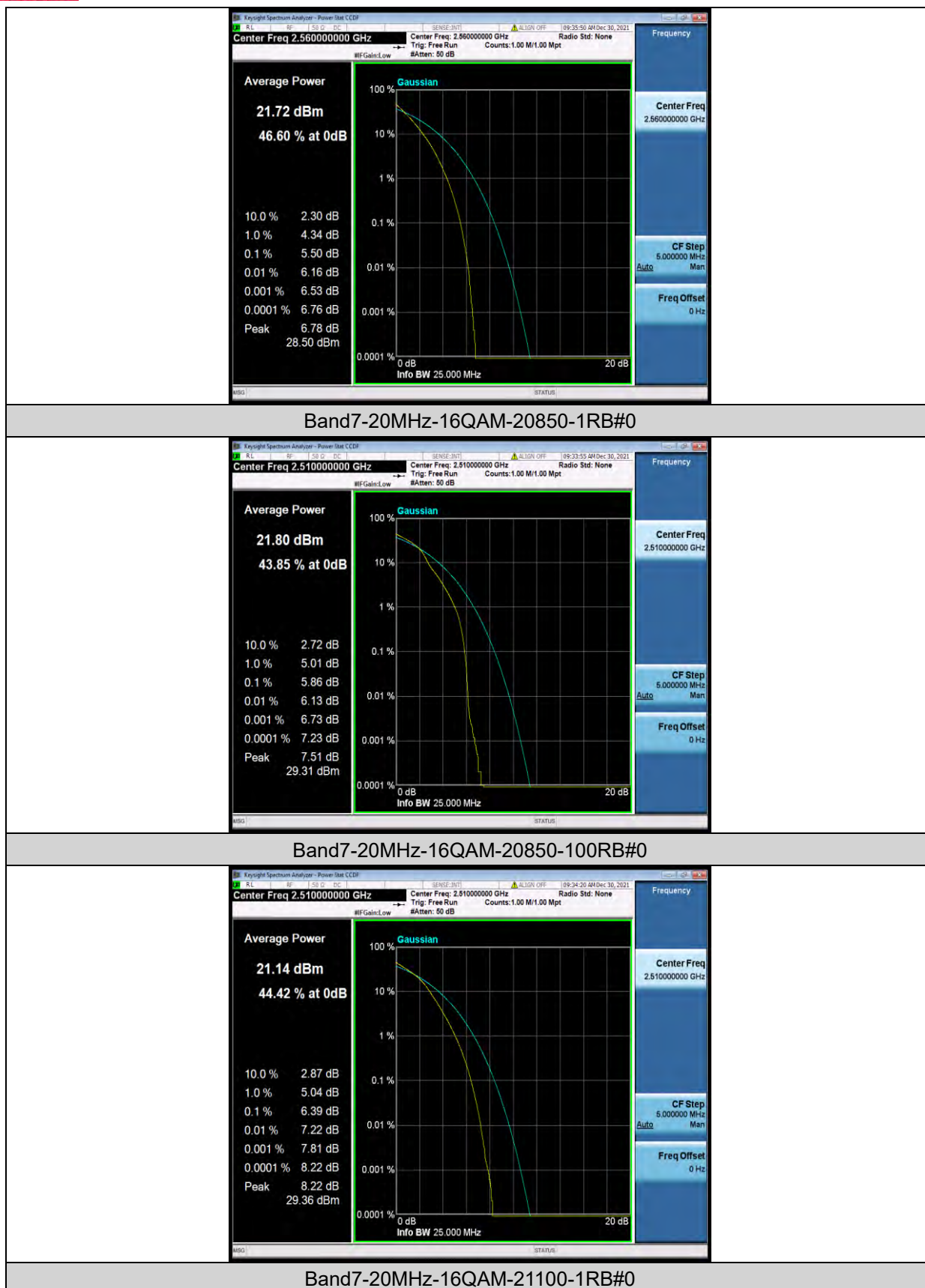
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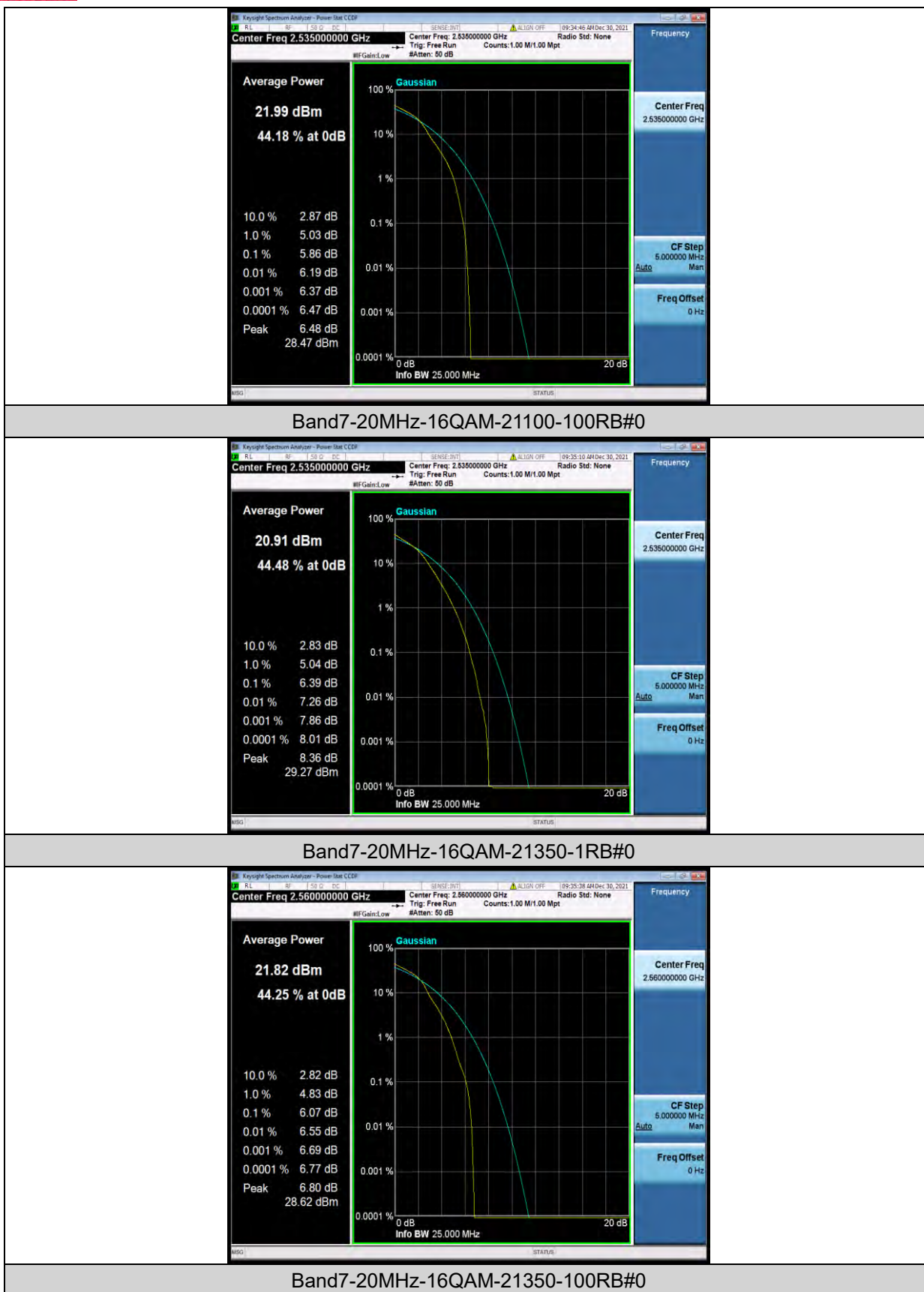


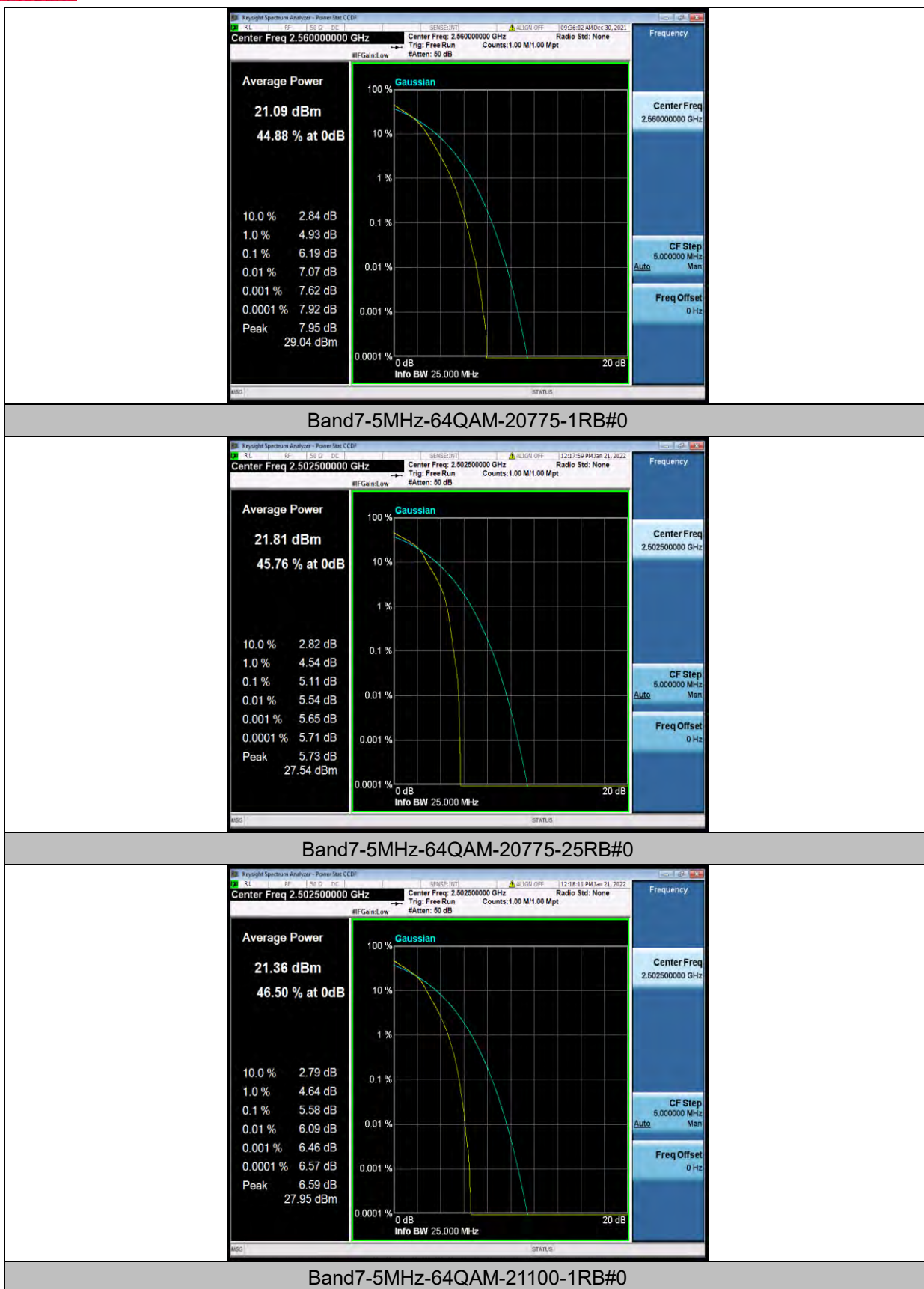
Band7-15MHz-16QAM-21375-75RB#0

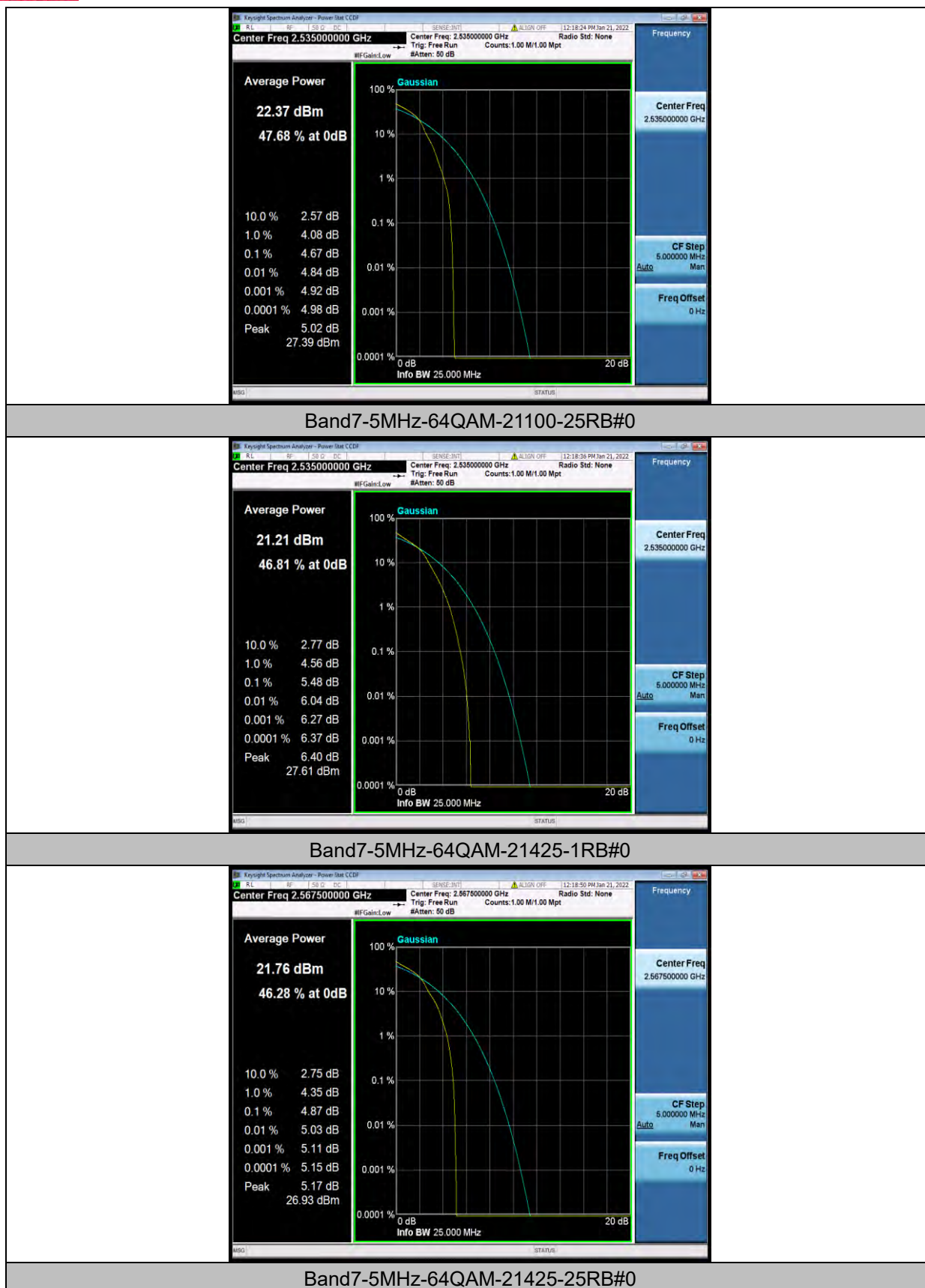


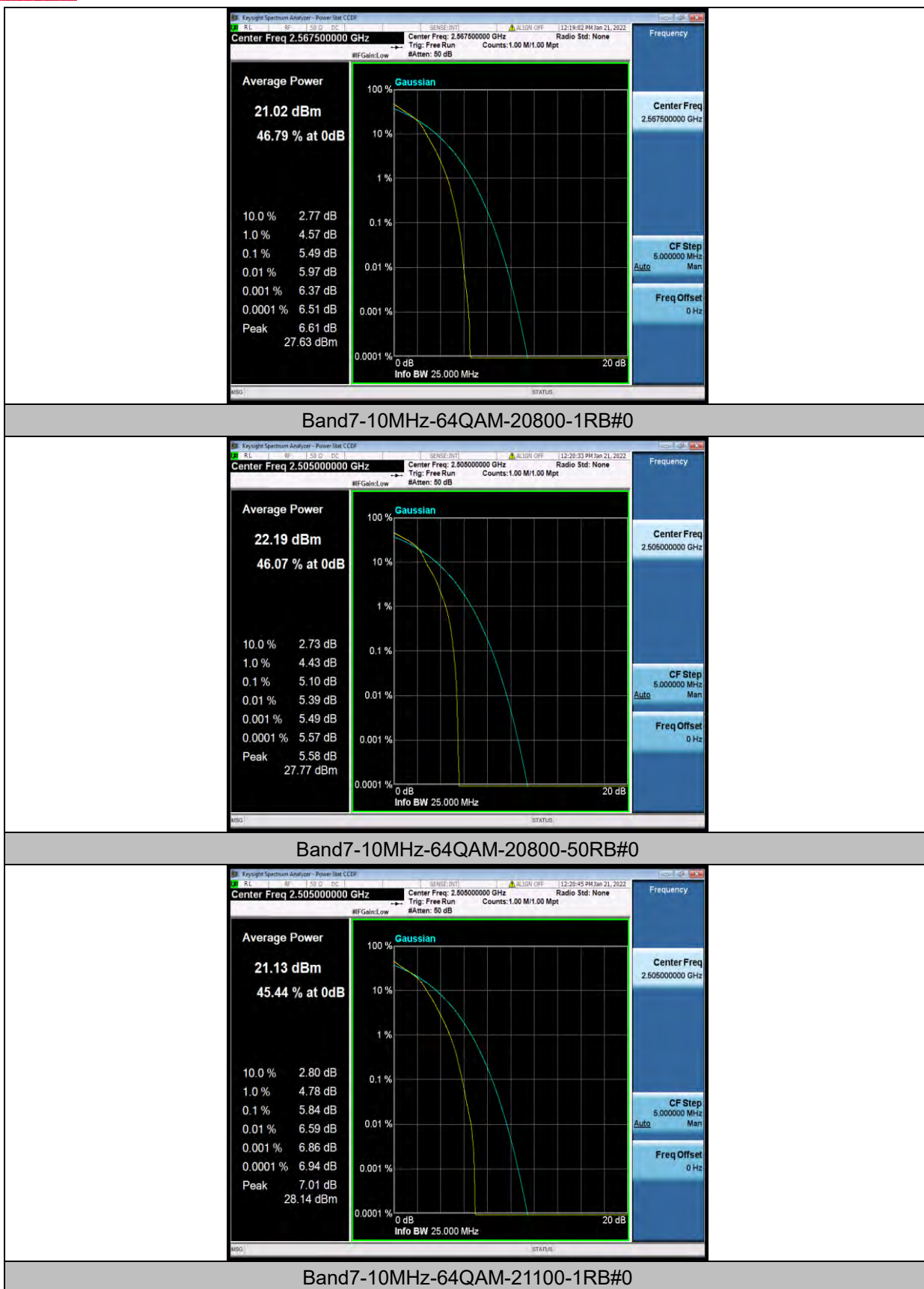


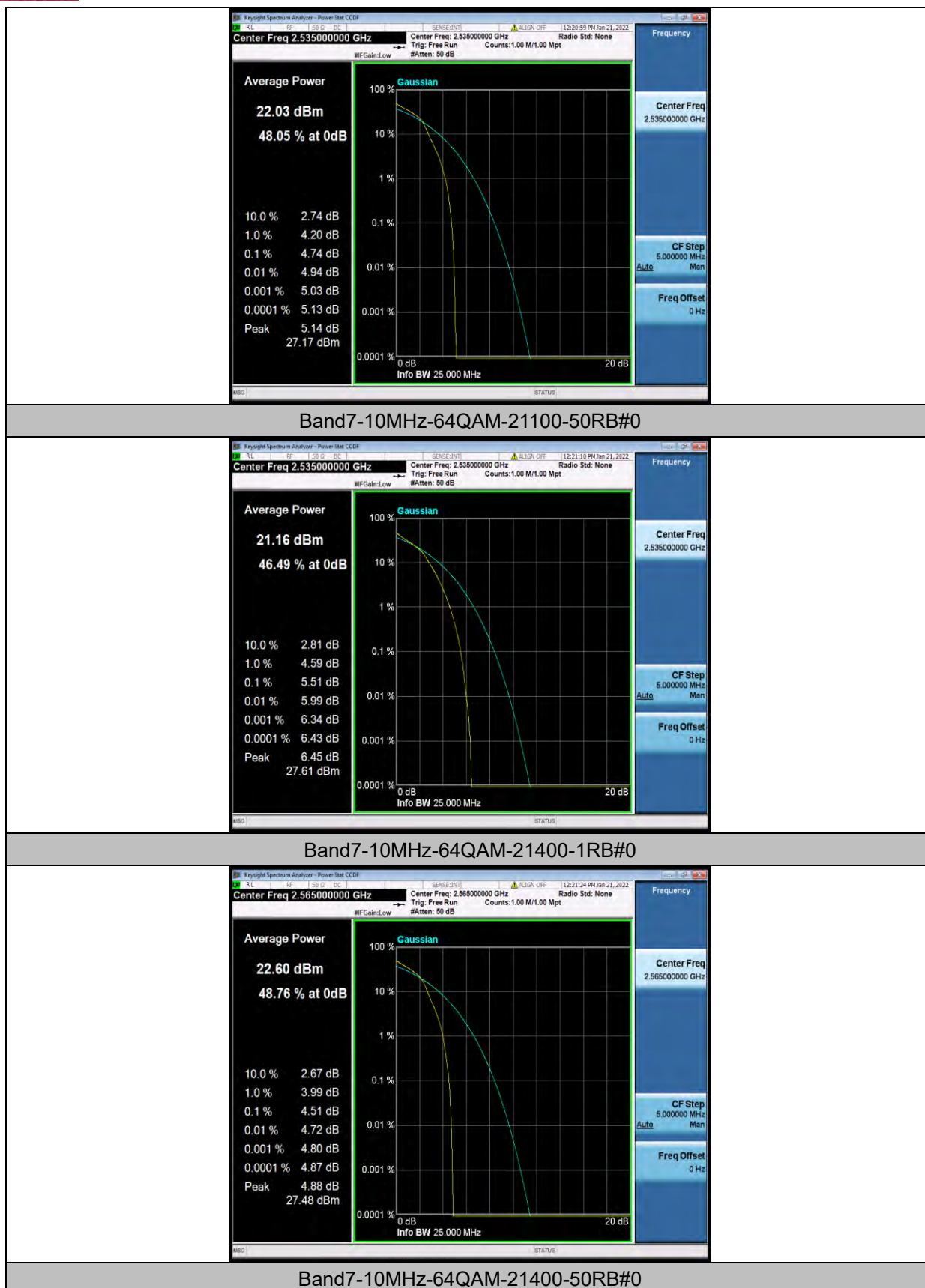


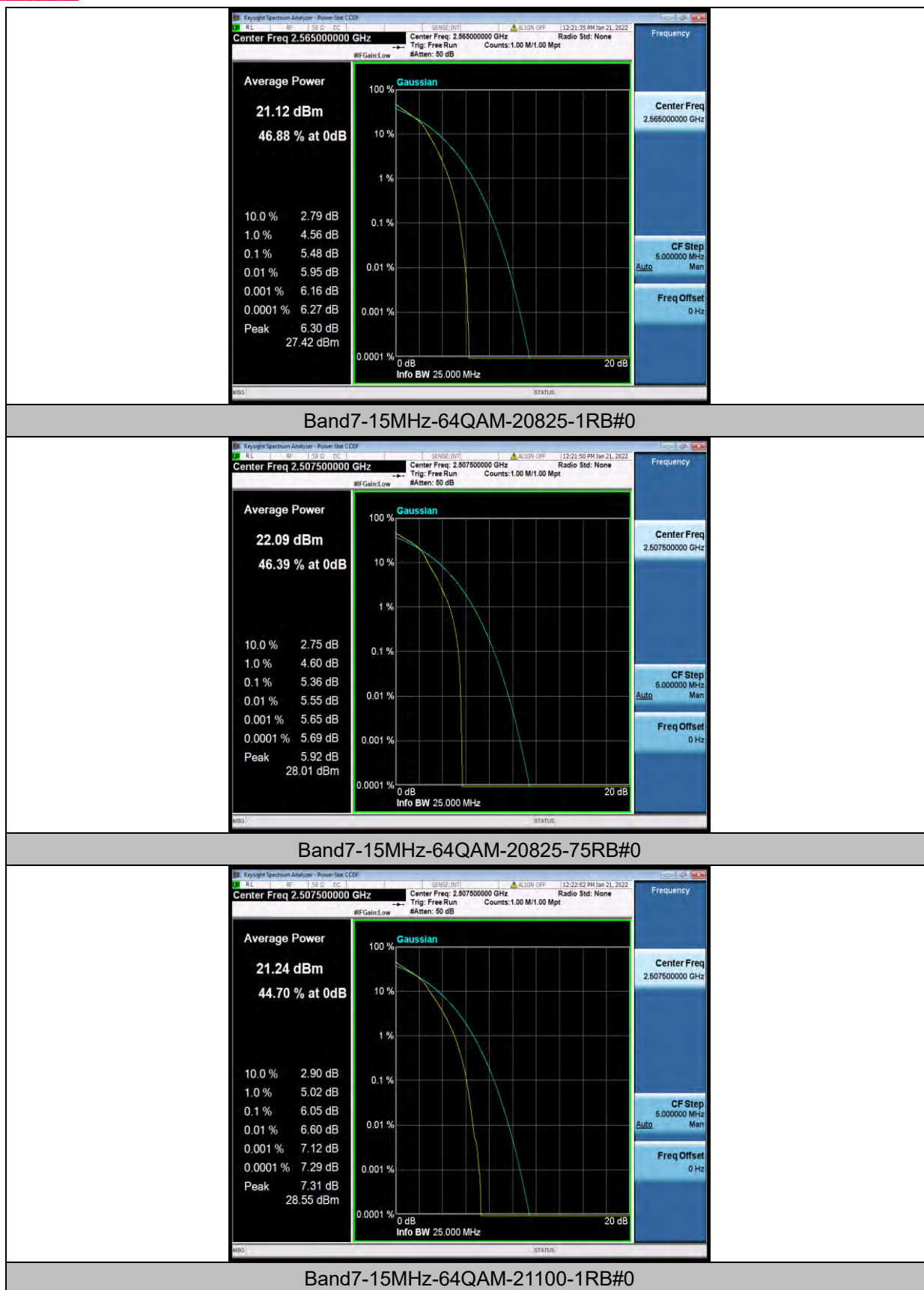


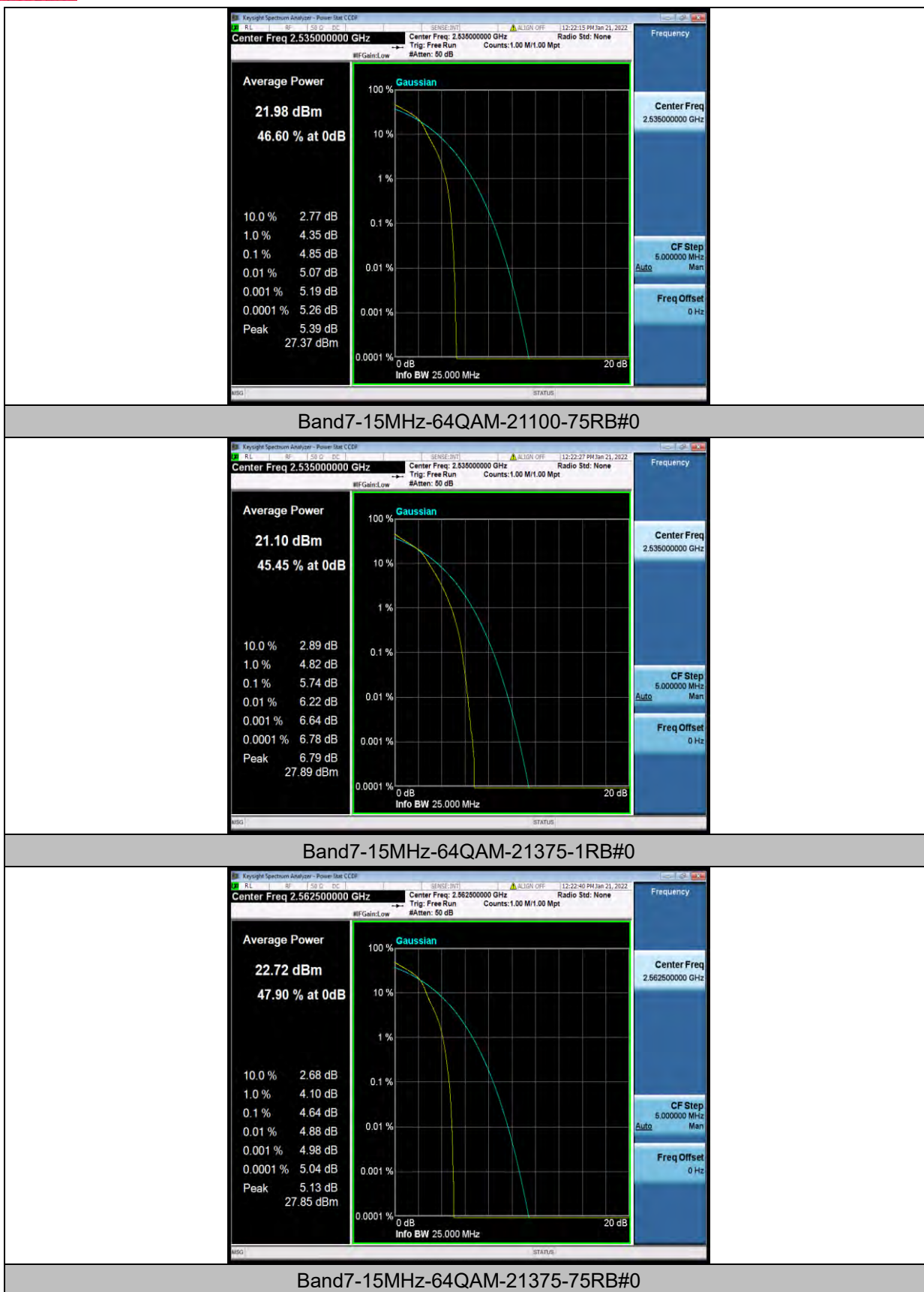


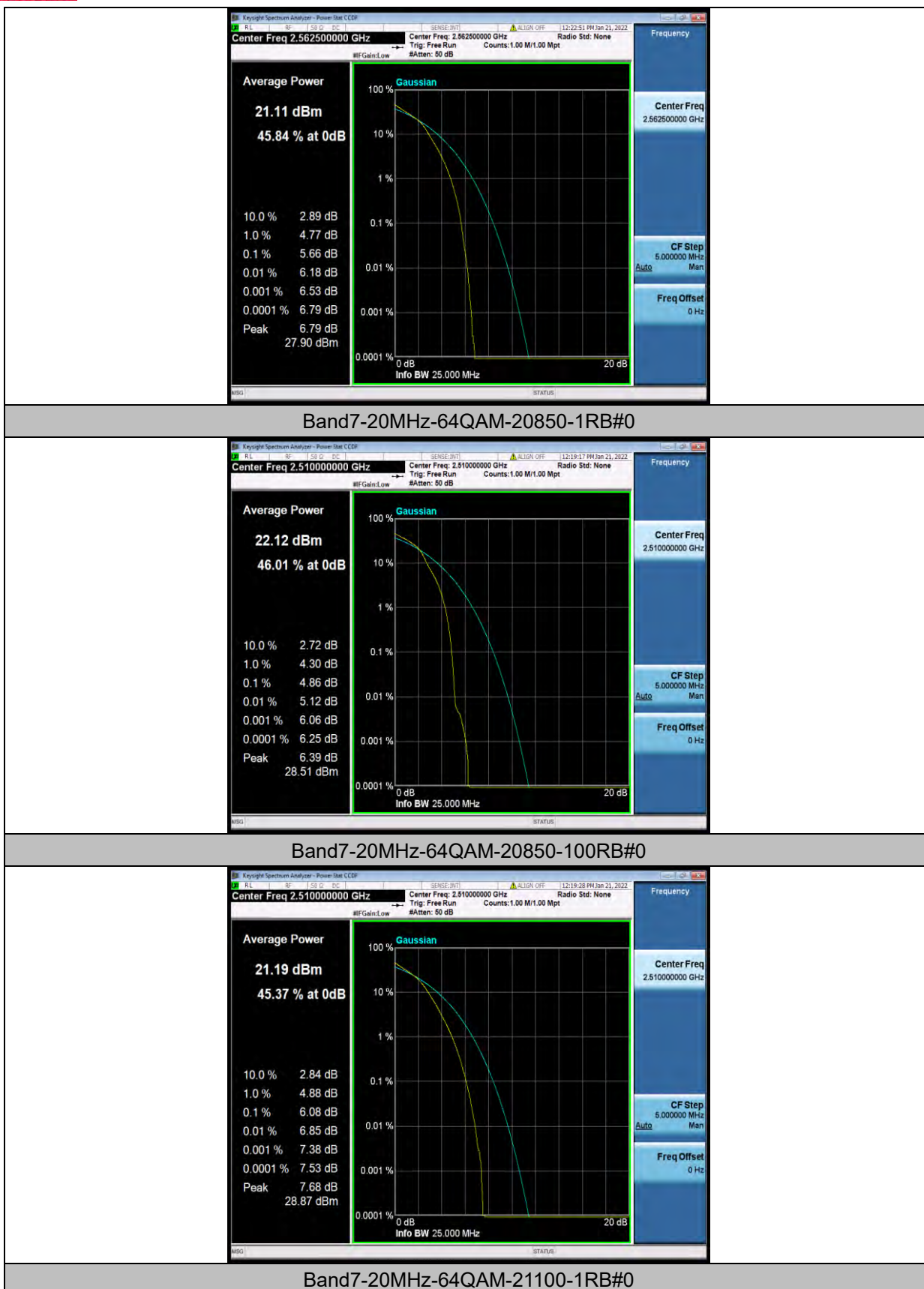


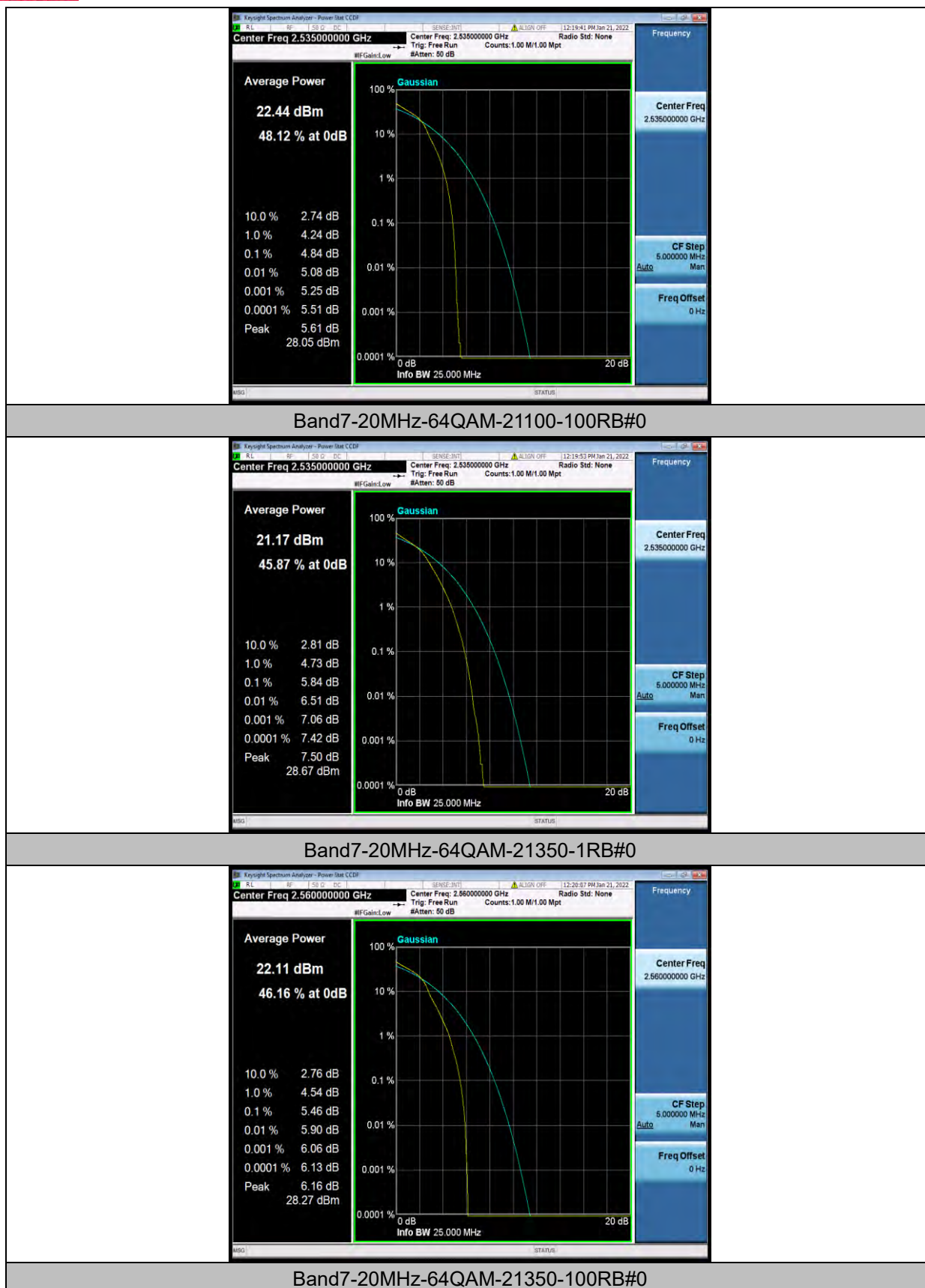


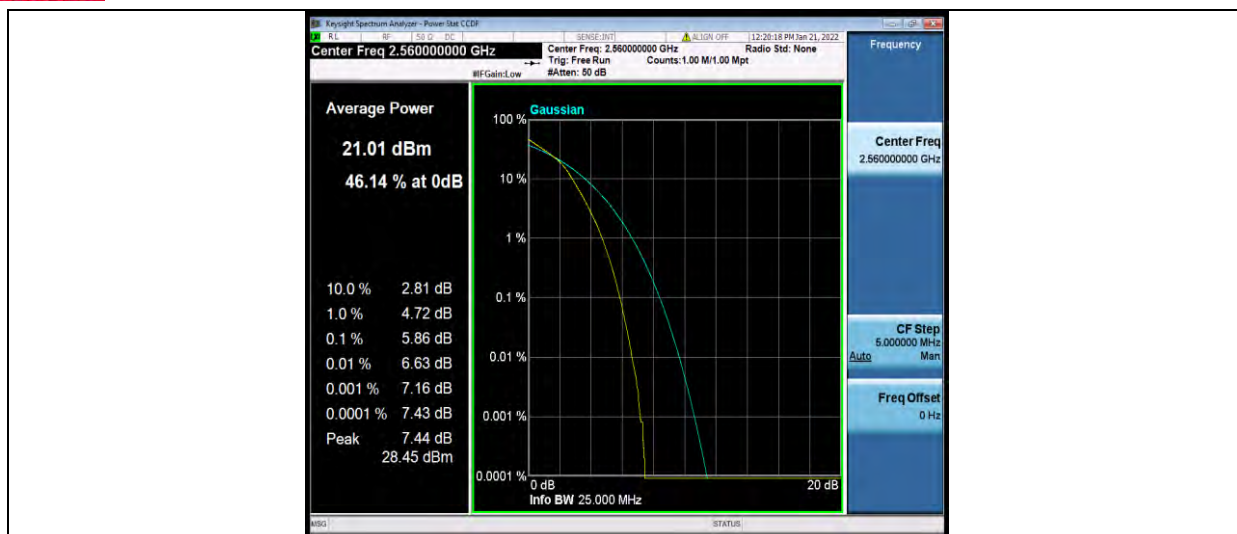












## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 4.4933                   | 4.892                | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.4988                   | 4.885                | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.5041                   | 4.868                | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.4982                   | 4.872                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.4996                   | 4.862                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.5055                   | 4.861                | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 8.9925                   | 9.556                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.9868                   | 9.608                | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 8.9751                   | 9.578                | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 8.9735                   | 9.623                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 8.9818                   | 9.604                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 8.9737                   | 9.587                | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.482                   | 14.33                | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.466                   | 14.37                | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.444                   | 14.24                | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 13.478                   | 14.32                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 13.458                   | 14.32                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 13.447                   | 14.33                | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 17.987                   | 19.00                | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.970                   | 19.07                | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 17.943                   | 19.01                | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 17.977                   | 19.06                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0          | 17.985                   | 19.06                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 17.936                   | 19.02                | PASS    |

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz      | 64QAM      | 20775   | 25RB#0           | 4.4989                   | 4.866                | PASS    |
| Band7 | 5MHz      | 64QAM      | 21100   | 25RB#0           | 4.4986                   | 4.935                | PASS    |
| Band7 | 5MHz      | 64QAM      | 21425   | 25RB#0           | 4.5045                   | 4.852                | PASS    |
| Band7 | 10MHz     | 64QAM      | 20800   | 50RB#0           | 8.9756                   | 9.578                | PASS    |
| Band7 | 10MHz     | 64QAM      | 21100   | 50RB#0           | 8.9804                   | 9.565                | PASS    |
| Band7 | 10MHz     | 64QAM      | 21400   | 50RB#0           | 8.9658                   | 9.572                | PASS    |
| Band7 | 15MHz     | 64QAM      | 20825   | 75RB#0           | 13.460                   | 14.31                | PASS    |
| Band7 | 15MHz     | 64QAM      | 21100   | 75RB#0           | 13.459                   | 14.35                | PASS    |
| Band7 | 15MHz     | 64QAM      | 21375   | 75RB#0           | 13.464                   | 14.32                | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 100RB#0          | 17.978                   | 19.06                | PASS    |
| Band7 | 20MHz     | 64QAM      | 21100   | 100RB#0          | 17.983                   | 19.03                | PASS    |
| Band7 | 20MHz     | 64QAM      | 21350   | 100RB#0          | 17.968                   | 19.05                | PASS    |

## Test Graphs

