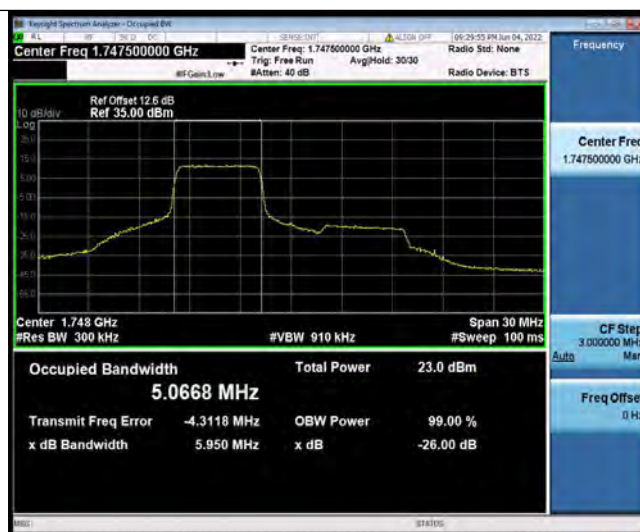




Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20175-100RB#0



Band4-20MHz-QPSK-20300-100RB#0



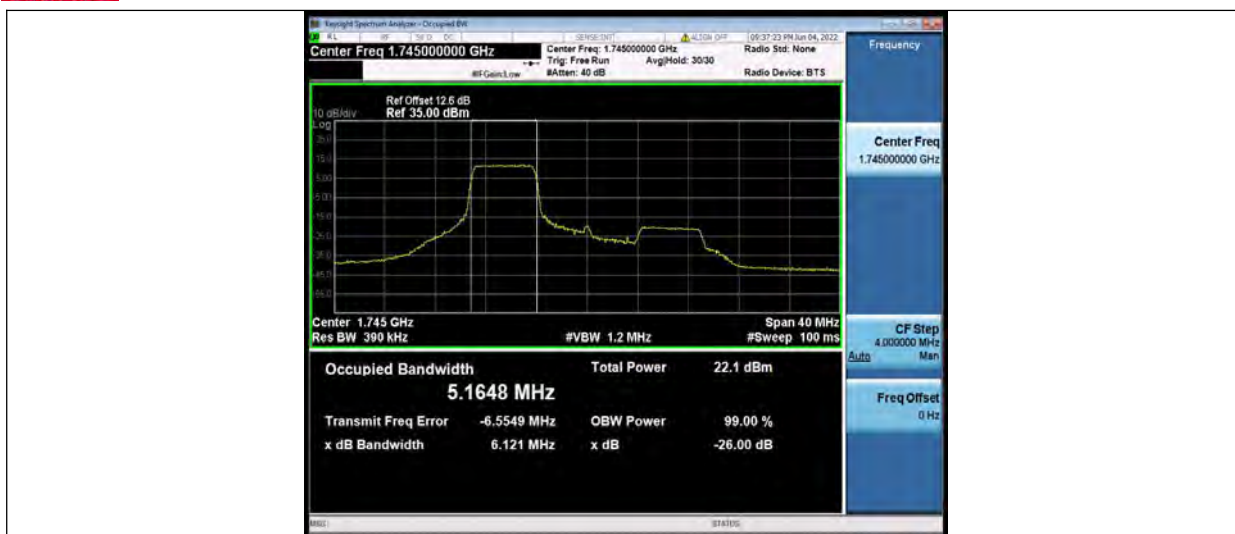
Band4-20MHz-16QAM-20050-27RB#0



Band4-20MHz-16QAM-20175-27RB#0



Band4-20MHz-16QAM-20300-27RB#0



## BAND EDGE

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | -20.74      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | -21.62      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | -21.11      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | -21.73      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | -20.22      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | -20.81      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | -20.30      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | -21.28      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | -19.92      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | -20.83      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#14           | -19.74      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | -20.95      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | -19.34      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | -21.34      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#14           | -18.98      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | -21.82      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | -24.50      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | -24.29      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#24           | -24.03      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | -25.55      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | -23.41      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | -23.99      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#24           | -23.75      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | -25.57      | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#0            | -58.56      | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | -30.56      | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 1RB#49           | -42.00      | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | -32.93      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 1RB#0            | -43.34      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 27RB#0           | -26.62      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 1RB#49           | -42.37      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 27RB#23          | -39.28      | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 1RB#0            | -29.21      | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | -24.95      | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 1RB#74           | -29.64      | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | -25.80      | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 1RB#0            | -30.59      | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 27RB#0           | -21.14      | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 1RB#74           | -29.52      | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 27RB#48          | -22.24      | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 1RB#0            | -30.05      | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | -26.27      | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 1RB#99           | -30.86      | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | -27.85      | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 1RB#0            | -31.72      | PASS    |



**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |         |        |      |
|-------|-------|-------|-------|---------|--------|------|
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | -21.66 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | -30.81 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#73 | -21.37 | PASS |

## Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0



Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20393-1RB#5



Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#5



Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-1RB#0



Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-1RB#14



Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-1RB#0



Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20385-1RB#14



Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-1RB#0



Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20375-1RB#24



Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-1RB#0



Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20375-1RB#24



Band4-5MHz-16QAM-20375-25RB#0



Band4-10MHz-QPSK-20000-1RB#0



Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20350-1RB#49



Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-27RB#0



Band4-10MHz-16QAM-20350-1RB#49



Band4-10MHz-16QAM-20350-27RB#23



Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20325-1RB#74



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



Band4-15MHz-16QAM-20025-27RB#0



Band4-15MHz-16QAM-20325-1RB#74



Band4-15MHz-16QAM-20325-27RB#48



Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-1RB#99



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-27RB#0



Band4-20MHz-16QAM-20300-1RB#99



Band4-20MHz-16QAM-20300-27RB#73



## CONDUCTED SPURIOUS EMISSION

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range      | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|--------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | Range1:30~1000MHz    | -31.09       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | Range2:1000~20000MHz | -34.08       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | Range1:30~1000MHz    | -31          | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | Range2:1000~20000MHz | -33.99       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | Range1:30~1000MHz    | -31.47       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | Range2:1000~20000MHz | -34.43       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | Range1:30~1000MHz    | -31.42       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | Range2:1000~20000MHz | -34.56       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | Range1:30~1000MHz    | -31.93       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | Range2:1000~20000MHz | -33.78       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | Range1:30~1000MHz    | -30.54       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | Range2:1000~20000MHz | -34.51       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | Range1:30~1000MHz    | -31.02       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | Range2:1000~20000MHz | -33.86       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | Range1:30~1000MHz    | -30.86       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | Range2:1000~20000MHz | -34.07       | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | Range1:30~1000MHz    | -31.35       | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | Range2:1000~20000MHz | -33.69       | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | Range1:30~1000MHz    | -31.86       | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | Range2:1000~20000MHz | -34.01       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | Range1:30~1000MHz    | -31.35       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | Range2:1000~20000MHz | -34.6        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | Range1:30~1000MHz    | -31.09       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | Range2:1000~20000MHz | -34.05       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | Range1:30~1000MHz    | -31.49       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | Range2:1000~20000MHz | -34.26       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | Range1:30~1000MHz    | -30.84       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | Range2:1000~20000MHz | -34.37       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | Range1:30~1000MHz    | -30.83       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | Range2:1000~20000MHz | -34.43       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | Range1:30~1000MHz    | -31.64       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | Range2:1000~20000MHz | -34.5        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | Range1:30~1000MHz    | -31.67       | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | Range2:1000~20000MHz | -34.76       | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | Range1:30~1000MHz    | -30.36       | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | Range2:1000~20000MHz | -33.75       | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#0            | Range1:30~1000MHz    | -31.43       | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#0            | Range2:1000~20000MHz | -34.13       | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 1RB#0            | Range1:30~1000MHz    | -30.95       | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 1RB#0            | Range2:1000~20000MHz | -33.22       | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 1RB#0            | Range1:30~1000MHz    | -30.46       | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 1RB#0            | Range2:1000~20000MHz | -34.3        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 1RB#0            | Range1:30~1000MHz    | -31.43       | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 1RB#0            | Range2:1000~20000MHz | -34.24       | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 1RB#0            | Range1:30~1000MHz    | -31.49       | PASS    |



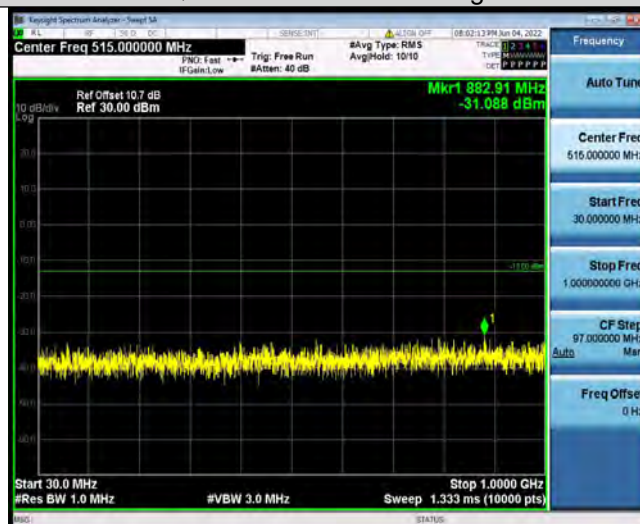
**BUREAU**  
**VERITAS**

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |       |                      |        |      |
|-------|-------|-------|-------|-------|----------------------|--------|------|
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | Range2:1000~20000MHz | -34.09 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | Range1:30~1000MHz    | -30.93 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | Range2:1000~20000MHz | -34.21 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | Range1:30~1000MHz    | -30.96 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | Range2:1000~20000MHz | -34.48 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | Range1:30~1000MHz    | -31.51 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | Range2:1000~20000MHz | -34.09 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | Range1:30~1000MHz    | -31.11 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | Range2:1000~20000MHz | -34.39 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | Range1:30~1000MHz    | -31.57 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | Range2:1000~20000MHz | -34.33 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | Range1:30~1000MHz    | -31.18 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | Range2:1000~20000MHz | -34.31 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | Range1:30~1000MHz    | -30.73 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | Range2:1000~20000MHz | -34.04 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | Range1:30~1000MHz    | -30.5  | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | Range2:1000~20000MHz | -33.92 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | Range1:30~1000MHz    | -31.39 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | Range2:1000~20000MHz | -34.14 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | Range1:30~1000MHz    | -31.41 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | Range2:1000~20000MHz | -34.87 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | Range1:30~1000MHz    | -31.06 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | Range2:1000~20000MHz | -34.45 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | Range1:30~1000MHz    | -31.52 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | Range2:1000~20000MHz | -34.18 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | Range1:30~1000MHz    | -31.44 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | Range2:1000~20000MHz | -34.52 | PASS |

## Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~20000MHz



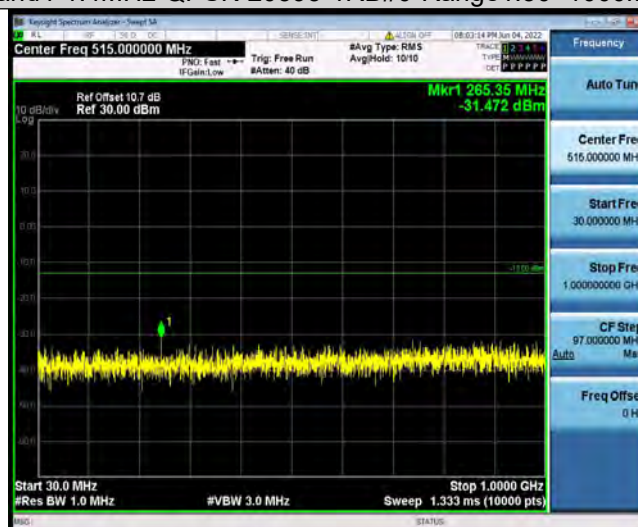
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



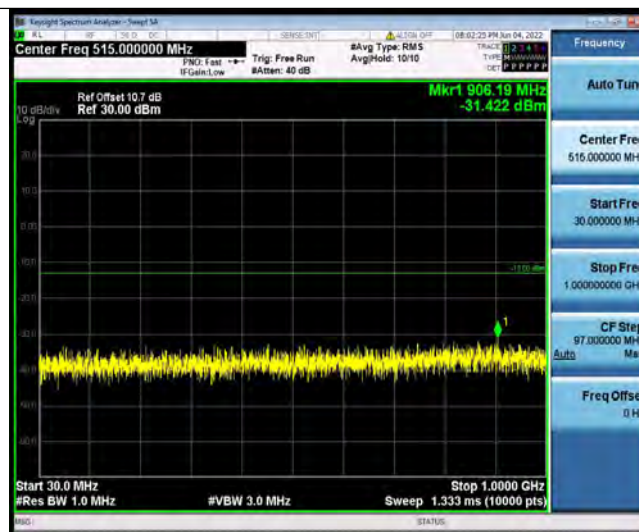
Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz



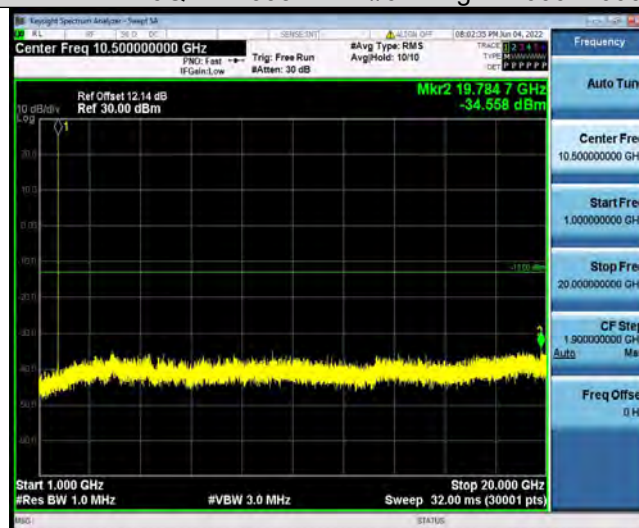
Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~20000MHz



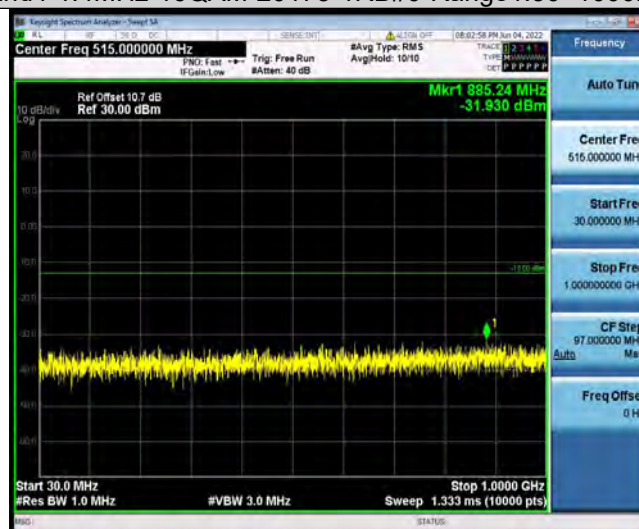
Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz



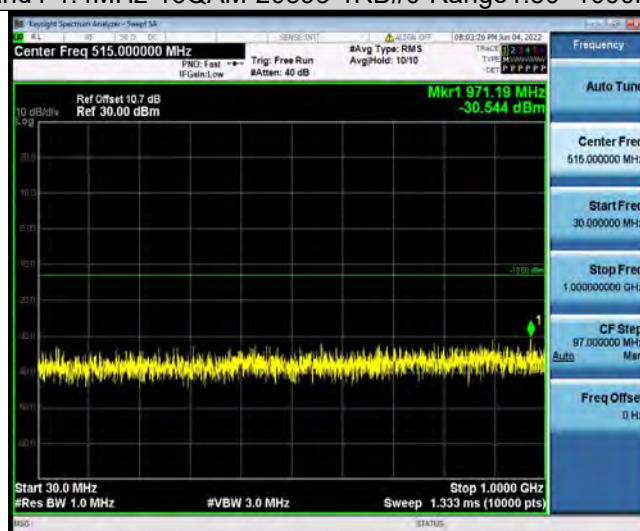
Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



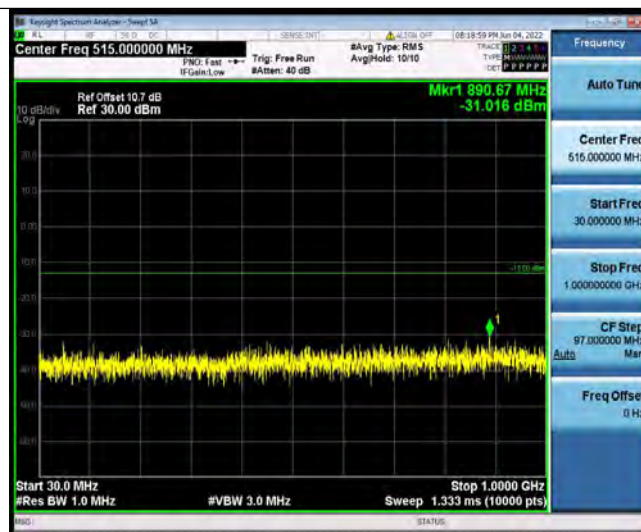
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~20000MHz



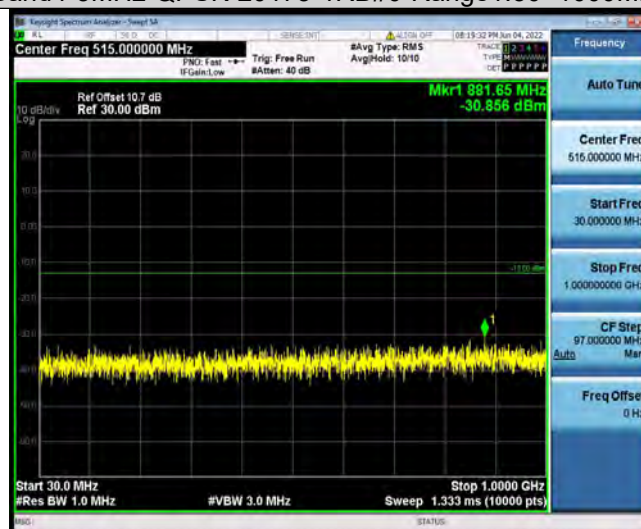
Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



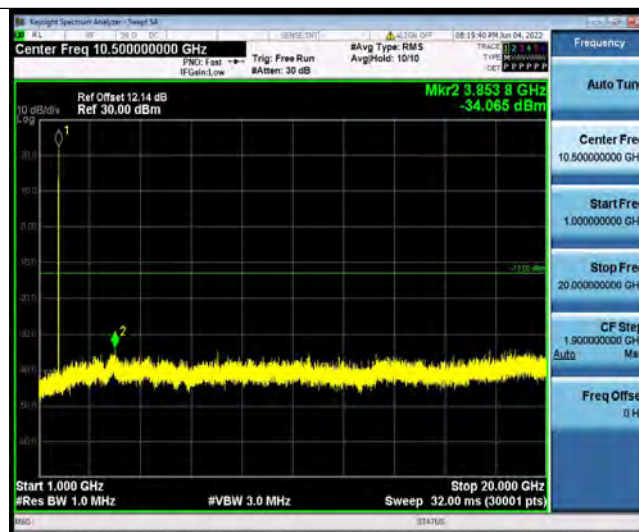
Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~20000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~20000MHz



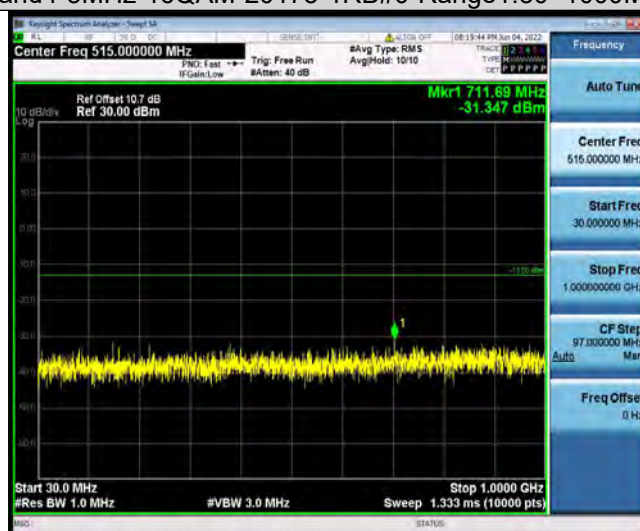
Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz



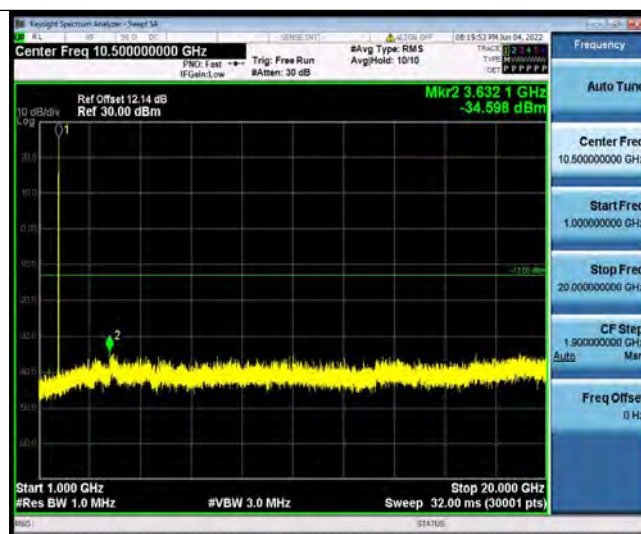
Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~20000MHz



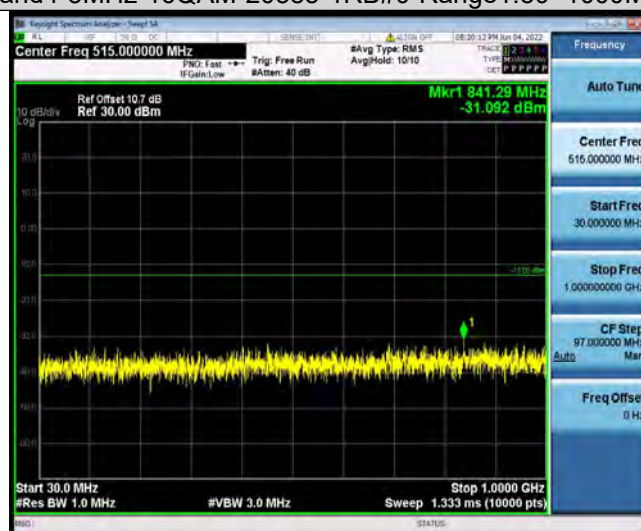
Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~20000MHz



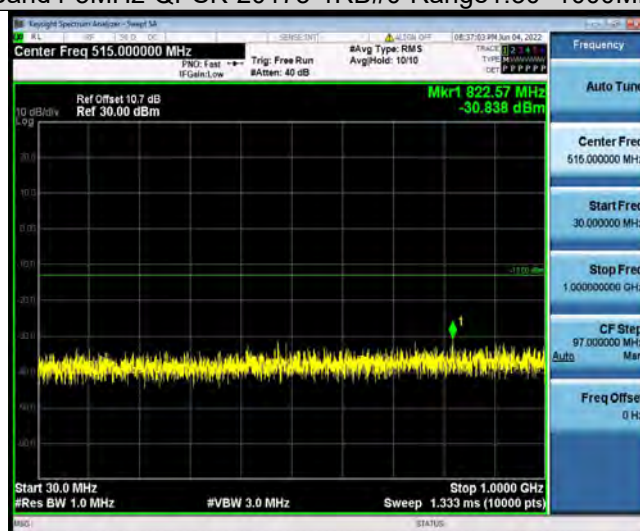
Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~20000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~20000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~20000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



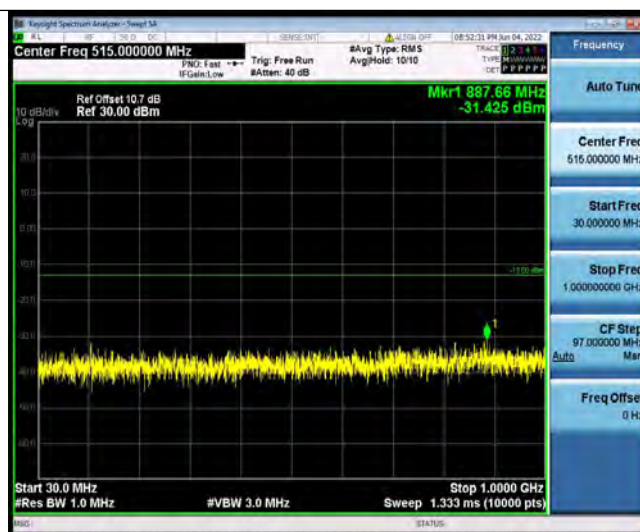
Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~20000MHz



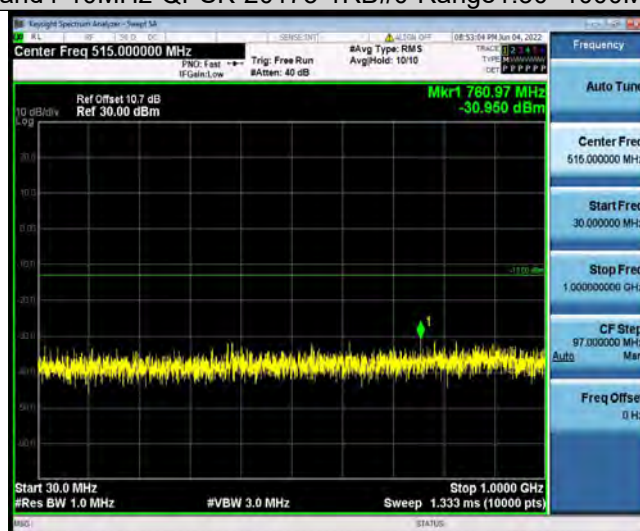
Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz



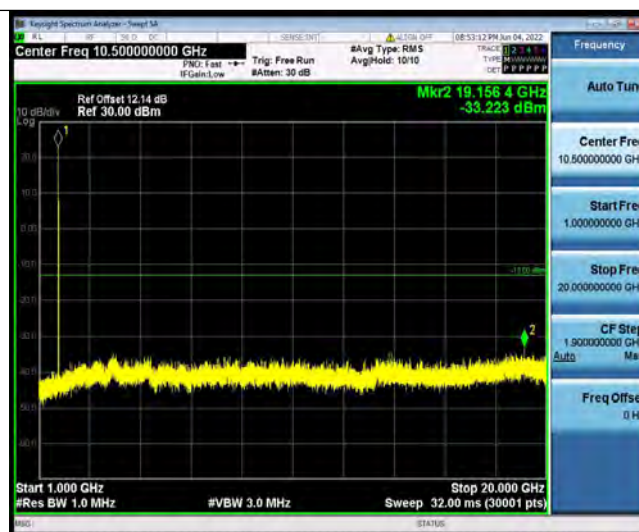
Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~20000MHz



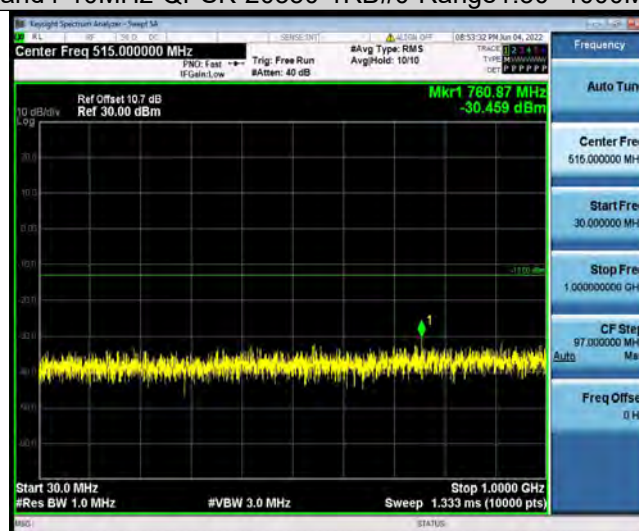
Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



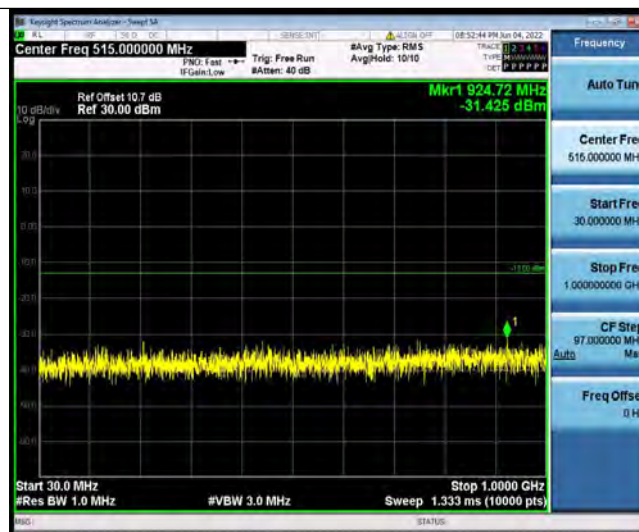
Band4-10MHz-QPSK-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~20000MHz



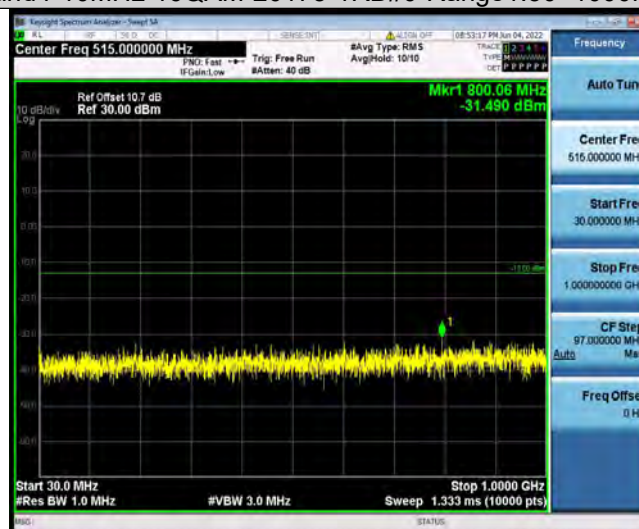
Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz



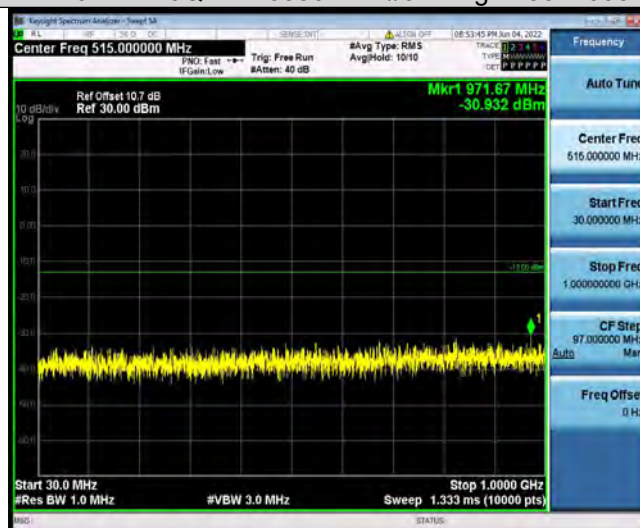
Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



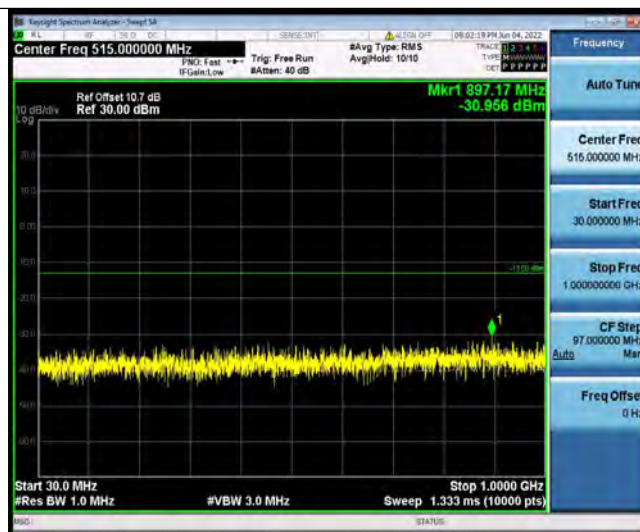
Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~2000MHz



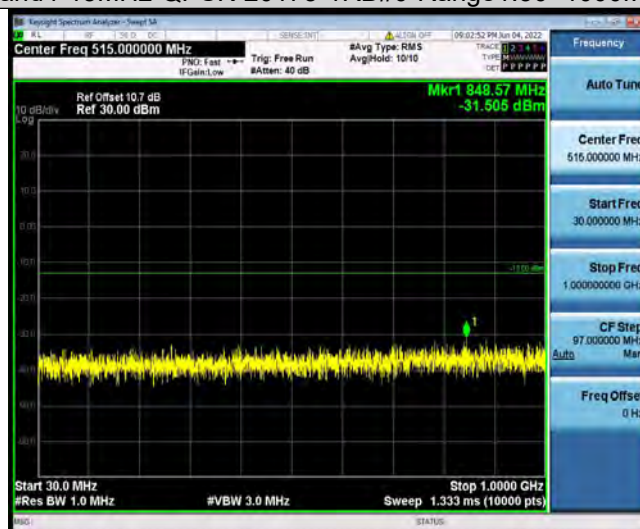
Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~20000MHz



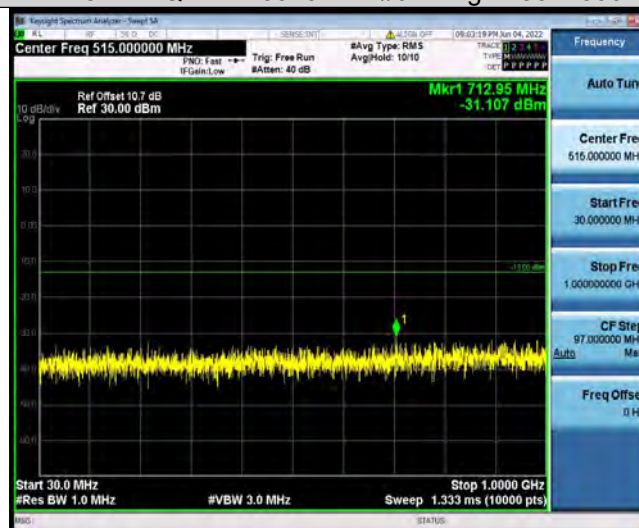
Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~20000MHz



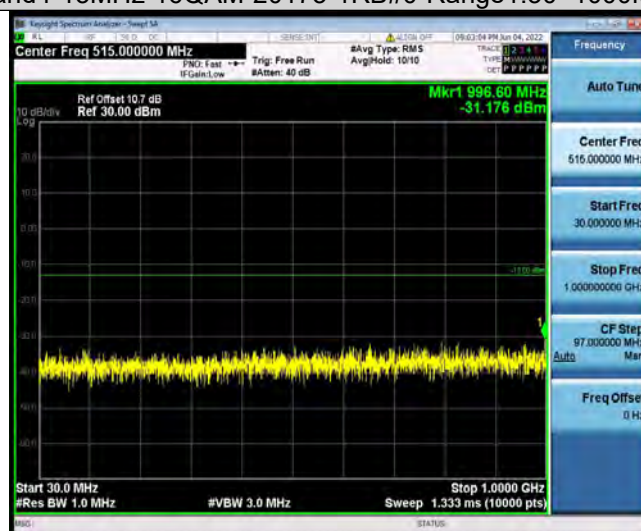
Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~20000MHz



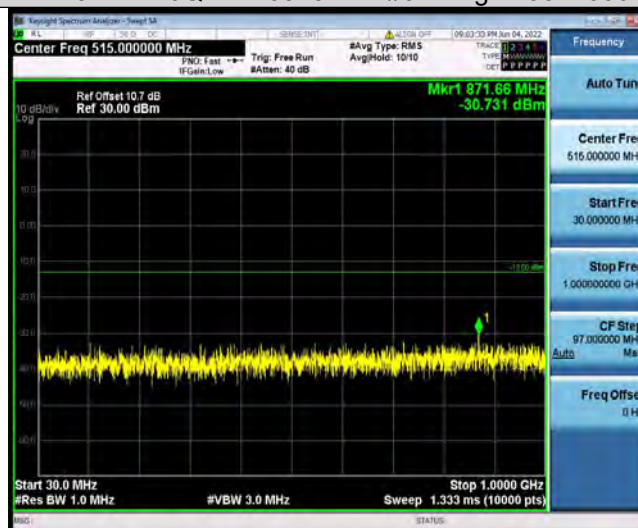
Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~20000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



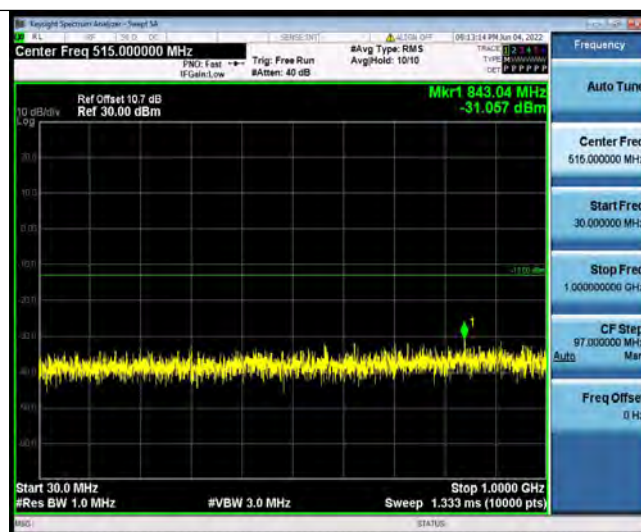
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



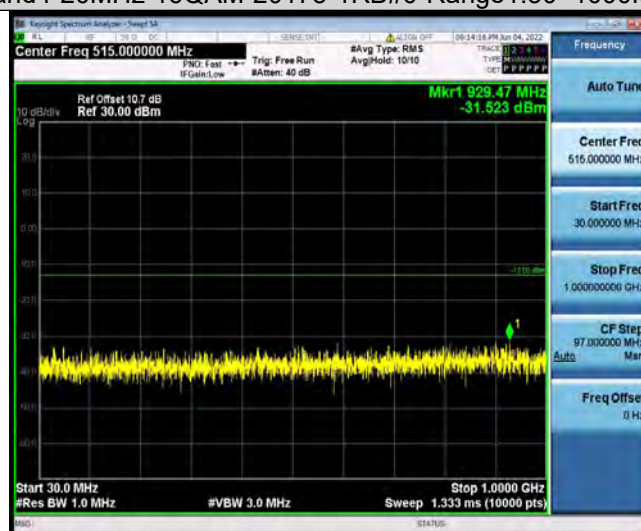
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



## FREQUENCY STABILITY

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4   | 1.4MHz    | QPSK       | 19957   | 6RB#0        | VL            | NT               | -9.20          | -0.005378       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | QPSK       | 19957   | 6RB#0        | VN            | NT               | -11.32         | -0.006617       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | QPSK       | 19957   | 6RB#0        | VH            | NT               | -9.24          | -0.005401       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VL            | NT               | -10.17         | -0.005870       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VN            | NT               | 11.20          | 0.006465        | ±2.5        | PASS    |
| Band4   | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VH            | NT               | -9.20          | -0.005310       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VL            | NT               | -11.17         | -0.006367       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VN            | NT               | 7.84           | 0.004469        | ±2.5        | PASS    |
| Band4   | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VH            | NT               | -11.06         | -0.006305       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VL            | NT               | -10.89         | -0.006366       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VN            | NT               | -8.05          | -0.004706       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VH            | NT               | -11.76         | -0.006874       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VL            | NT               | -8.55          | -0.004935       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VN            | NT               | -6.98          | -0.004029       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VH            | NT               | -8.75          | -0.005051       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VL            | NT               | -4.22          | -0.002406       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VN            | NT               | -7.65          | -0.004361       | ±2.5        | PASS    |
| Band4   | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VH            | NT               | -18.30         | -0.010432       | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 19965   | 15RB#0       | VL            | NT               | -10.27         | -0.006001       | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 19965   | 15RB#0       | VN            | NT               | -9.04          | -0.005282       | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 19965   | 15RB#0       | VH            | NT               | -9.11          | -0.005323       | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 20175   | 15RB#0       | VL            | NT               | -11.69         | -0.006747       | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 20175   | 15RB#0       | VN            | NT               | 7.05           | 0.004069        | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 20175   | 15RB#0       | VH            | NT               | -11.53         | -0.006655       | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 20385   | 15RB#0       | VL            | NT               | -6.29          | -0.003587       | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 20385   | 15RB#0       | VN            | NT               | 8.65           | 0.004933        | ±2.5        | PASS    |
| Band4   | 3MHz      | QPSK       | 20385   | 15RB#0       | VH            | NT               | -4.71          | -0.002686       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 19965   | 15RB#0       | VL            | NT               | -8.60          | -0.005025       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 19965   | 15RB#0       | VN            | NT               | -11.92         | -0.006965       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 19965   | 15RB#0       | VH            | NT               | -12.15         | -0.007099       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 20175   | 15RB#0       | VL            | NT               | -3.12          | -0.001801       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 20175   | 15RB#0       | VN            | NT               | -9.54          | -0.005506       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 20175   | 15RB#0       | VH            | NT               | -3.43          | -0.001980       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 20385   | 15RB#0       | VL            | NT               | -4.31          | -0.002458       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 20385   | 15RB#0       | VN            | NT               | -6.49          | -0.003701       | ±2.5        | PASS    |
| Band4   | 3MHz      | 16QAM      | 20385   | 15RB#0       | VH            | NT               | -10.30         | -0.005874       | ±2.5        | PASS    |
| Band4   | 5MHz      | QPSK       | 19975   | 25RB#0       | VL            | NT               | -10.46         | -0.006108       | ±2.5        | PASS    |
| Band4   | 5MHz      | QPSK       | 19975   | 25RB#0       | VN            | NT               | -9.71          | -0.005670       | ±2.5        | PASS    |
| Band4   | 5MHz      | QPSK       | 19975   | 25RB#0       | VH            | NT               | -9.83          | -0.005740       | ±2.5        | PASS    |
| Band4   | 5MHz      | QPSK       | 20175   | 25RB#0       | VL            | NT               | -7.01          | -0.004046       | ±2.5        | PASS    |



**BUREAU  
VERITAS**

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |         |    |    |        |           |      |      |
|-------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0  | VN | NT | 7.44   | 0.004294  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0  | VH | NT | -10.86 | -0.006268 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | VL | NT | -9.48  | -0.005409 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | VN | NT | 10.31  | 0.005883  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | VH | NT | -9.71  | -0.005541 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | VL | NT | -10.04 | -0.005863 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | VN | NT | -7.62  | -0.004450 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | VH | NT | -12.22 | -0.007136 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | VL | NT | -9.43  | -0.005443 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | VN | NT | -6.64  | -0.003833 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | VH | NT | -8.27  | -0.004773 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | VL | NT | -8.54  | -0.004873 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | VN | NT | -5.84  | -0.003332 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | VH | NT | -9.50  | -0.005421 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | VL | NT | -11.33 | -0.006606 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | VN | NT | -8.08  | -0.004711 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | VH | NT | -10.71 | -0.006245 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | VL | NT | -10.61 | -0.006124 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | VN | NT | 7.40   | 0.004271  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | VH | NT | -5.54  | -0.003198 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | VL | NT | -10.03 | -0.005731 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | VN | NT | 6.49   | 0.003709  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | VH | NT | -10.86 | -0.006206 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0  | VL | NT | -8.61  | -0.005020 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0  | VN | NT | -9.60  | -0.005598 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0  | VH | NT | -7.31  | -0.004262 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0  | VL | NT | -9.47  | -0.005466 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0  | VN | NT | -8.73  | -0.005039 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0  | VH | NT | -10.99 | -0.006343 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0  | VL | NT | -7.15  | -0.004086 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0  | VN | NT | 5.11   | 0.002920  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0  | VH | NT | -12.04 | -0.006880 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | VL | NT | -9.10  | -0.005298 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | VN | NT | -12.49 | -0.007272 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | VH | NT | -9.24  | -0.005380 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | VL | NT | -10.56 | -0.006095 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | VN | NT | -9.14  | -0.005276 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | VH | NT | -8.44  | -0.004872 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | VL | NT | -4.71  | -0.002695 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | VN | NT | 9.23   | 0.005282  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | VH | NT | -4.52  | -0.002587 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0  | VL | NT | -8.41  | -0.004897 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0  | VN | NT | -12.99 | -0.007563 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0  | VH | NT | -10.11 | -0.005886 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0  | VL | NT | -8.53  | -0.004924 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0  | VN | NT | -12.17 | -0.007025 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0  | VH | NT | -6.74  | -0.003890 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | VL | NT | -7.54  | -0.004315 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | VN | NT | 7.45   | 0.004263  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | VH | NT | -8.58  | -0.004910 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | VL | NT | -10.51 | -0.006110 | ±2.5 | PASS |



**BUREAU  
VERITAS**

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |         |    |    |        |           |      |      |
|-------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | VN | NT | -11.99 | -0.006971 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | VH | NT | -11.64 | -0.006767 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | VL | NT | -7.74  | -0.004468 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | VN | NT | 8.57   | 0.004947  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | VH | NT | -8.85  | -0.005108 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | VL | NT | -8.21  | -0.004705 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | VN | NT | 7.75   | 0.004441  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | VH | NT | -9.78  | -0.005605 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | VL | NT | -12.99 | -0.007552 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | VN | NT | -6.57  | -0.003820 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | VH | NT | -9.43  | -0.005483 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | VL | NT | -7.62  | -0.004398 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | VN | NT | -11.10 | -0.006407 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | VH | NT | -8.24  | -0.004756 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0  | VL | NT | 5.66   | 0.003244  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0  | VN | NT | 7.47   | 0.004281  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0  | VH | NT | 7.34   | 0.004206  | ±2.5 | PASS |

| Temperature |           |            |         |                  |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | -30              | -11.46         | -0.006699       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | -20              | -10.14         | -0.005927       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 0                | -9.94          | -0.005810       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 10               | -11.23         | -0.006565       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 20               | -10.89         | -0.006366       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 30               | -9.50          | -0.005553       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 40               | -8.55          | -0.004998       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 50               | -10.10         | -0.005904       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | -30              | -9.11          | -0.005258       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | -20              | -6.38          | -0.003683       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 0                | -11.09         | -0.006401       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 10               | -7.57          | -0.004369       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 20               | -7.60          | -0.004387       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 30               | -7.02          | -0.004052       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 40               | -10.33         | -0.005962       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 50               | -8.35          | -0.004820       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0            | NV            | -30              | -11.00         | -0.006270       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0            | NV            | -20              | -9.80          | -0.005586       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0            | NV            | 0                | -11.19         | -0.006379       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0            | NV            | 10               | -7.57          | -0.004315       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0            | NV            | 20               | -7.07          | -0.004030       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0            | NV            | 30               | -4.28          | -0.002440       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0            | NV            | 40               | -7.68          | -0.004378       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20393   | 6RB#0            | NV            | 50               | -7.81          | -0.004452       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | -30              | -9.81          | -0.005734       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | -20              | -10.01         | -0.005851       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 0                | -8.23          | -0.004811       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 10               | -9.74          | -0.005694       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 20               | -10.90         | -0.006372       | ±2.5        | PASS    |



**BUREAU  
VERITAS**

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |        |       |       |        |    |     |        |           |      |      |
|-------|--------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 30  | -7.94  | -0.004641 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 40  | -9.56  | -0.005588 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | NV | 50  | -10.37 | -0.006062 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | -30 | -8.75  | -0.005051 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | -20 | -6.44  | -0.003717 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 0   | -5.15  | -0.002973 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 10  | -8.38  | -0.004837 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 20  | -8.48  | -0.004895 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 30  | -7.12  | -0.004110 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 40  | -9.53  | -0.005501 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 50  | -7.47  | -0.004312 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | -30 | -6.32  | -0.003603 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | -20 | 3.78   | 0.002155  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 0   | -8.91  | -0.005079 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 10  | -6.45  | -0.003677 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 20  | -6.45  | -0.003677 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 30  | 4.13   | 0.002354  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 40  | -7.12  | -0.004059 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 50  | -9.38  | -0.005347 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | -30 | -8.61  | -0.005031 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | -20 | -7.65  | -0.004470 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 0   | -10.23 | -0.005977 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 10  | -7.97  | -0.004657 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 20  | -8.74  | -0.005107 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 30  | -8.04  | -0.004698 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 40  | -7.90  | -0.004616 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 50  | -9.48  | -0.005539 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | -30 | -7.38  | -0.004260 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | -20 | -8.81  | -0.005085 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 0   | -8.90  | -0.005137 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 10  | -5.85  | -0.003377 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 20  | -6.01  | -0.003469 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 30  | -8.00  | -0.004618 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 40  | -5.51  | -0.003180 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | 50  | -3.35  | -0.001934 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | NV | -30 | -7.68  | -0.004380 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | NV | -20 | -3.88  | -0.002213 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | NV | 0   | -8.54  | -0.004870 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | NV | 10  | -12.03 | -0.006861 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | NV | 20  | -7.08  | -0.004038 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | NV | 30  | -6.08  | -0.003467 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | NV | 40  | -6.85  | -0.003906 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | NV | 50  | -6.79  | -0.003872 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | -30 | -11.52 | -0.006731 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | -20 | -11.79 | -0.006889 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 0   | -12.00 | -0.007011 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 10  | -7.95  | -0.004645 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 20  | -10.14 | -0.005925 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 30  | -4.98  | -0.002910 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 40  | -8.37  | -0.004890 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 50  | -7.98  | -0.004663 | ±2.5 | PASS |



**BUREAU  
VERITAS**

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |      |       |       |        |    |     |        |           |      |      |
|-------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | -30 | -7.07  | -0.004081 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | -20 | 2.89   | 0.001668  | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 0   | -6.67  | -0.003850 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 10  | -6.72  | -0.003879 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 20  | -8.45  | -0.004877 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 30  | 4.19   | 0.002418  | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 40  | 7.68   | 0.004433  | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 50  | 8.83   | 0.005097  | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | -30 | -8.43  | -0.004808 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | -20 | -4.89  | -0.002789 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 0   | -7.12  | -0.004060 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 10  | -5.41  | -0.003085 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 20  | -7.47  | -0.004260 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 30  | -11.01 | -0.006279 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 40  | -6.22  | -0.003547 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 50  | -7.98  | -0.004551 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | -30 | -10.01 | -0.005845 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | -20 | -11.27 | -0.006581 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 0   | -9.03  | -0.005273 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 10  | -8.43  | -0.004923 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 20  | -7.80  | -0.004555 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 30  | -8.44  | -0.004928 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 40  | -13.39 | -0.007819 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 50  | -10.06 | -0.005874 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | -30 | -8.00  | -0.004618 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | -20 | -8.97  | -0.005177 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 0   | -8.34  | -0.004814 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 10  | -3.65  | -0.002107 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 20  | -6.18  | -0.003567 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 30  | -6.54  | -0.003775 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 40  | -4.58  | -0.002644 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 50  | -8.14  | -0.004698 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | -30 | -6.51  | -0.003715 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | -20 | -2.83  | -0.001615 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 0   | -10.30 | -0.005877 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 10  | -4.06  | -0.002317 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 20  | -10.13 | -0.005780 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 30  | -7.98  | -0.004553 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 40  | -8.90  | -0.005078 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 50  | -9.64  | -0.005501 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | -30 | -11.23 | -0.006558 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | -20 | -10.16 | -0.005933 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 0   | -9.30  | -0.005431 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 10  | -8.53  | -0.004981 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 20  | -12.87 | -0.007515 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 30  | -9.06  | -0.005291 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 40  | -11.83 | -0.006908 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 50  | -9.16  | -0.005349 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | -30 | -4.99  | -0.002880 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | -20 | -3.85  | -0.002222 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | 0   | -5.04  | -0.002909 | ±2.5 | PASS |



**BUREAU  
VERITAS**

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |        |    |     |        |           |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 10  | -7.35  | -0.004242 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 20  | -7.93  | -0.004577 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 30  | -7.87  | -0.004543 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 40  | -5.97  | -0.003446 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | NV | 50  | -6.28  | -0.003625 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | -30 | -7.28  | -0.004154 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | -20 | -4.68  | -0.002670 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 0   | -7.61  | -0.004342 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 10  | -13.95 | -0.007960 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 20  | -11.27 | -0.006431 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 30  | -10.71 | -0.006111 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 40  | -8.05  | -0.004593 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 50  | -5.61  | -0.003201 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | -30 | -9.16  | -0.005341 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | -20 | -9.88  | -0.005761 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 0   | -14.28 | -0.008327 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 10  | -9.66  | -0.005633 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 20  | -7.67  | -0.004472 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 30  | -8.91  | -0.005195 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 40  | -7.54  | -0.004397 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 50  | -13.98 | -0.008152 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | -30 | -6.95  | -0.004012 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | -20 | -8.93  | -0.005154 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 0   | -6.49  | -0.003746 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 10  | -10.14 | -0.005853 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 20  | -6.97  | -0.004023 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 30  | -7.08  | -0.004087 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 40  | -8.13  | -0.004693 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 50  | -6.61  | -0.003815 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | -30 | -9.81  | -0.005606 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | -20 | -12.62 | -0.007211 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 0   | -8.50  | -0.004857 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 10  | -9.77  | -0.005583 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 20  | -6.95  | -0.003971 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 30  | -5.78  | -0.003303 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 40  | -6.87  | -0.003926 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 50  | -11.40 | -0.006514 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | NV | -30 | -11.53 | -0.006723 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | NV | -20 | -9.83  | -0.005732 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | NV | 0   | -10.37 | -0.006047 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | NV | 10  | -8.81  | -0.005137 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | NV | 20  | -9.71  | -0.005662 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | NV | 30  | -10.73 | -0.006257 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | NV | 40  | -9.61  | -0.005603 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | NV | 50  | -9.27  | -0.005405 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | NV | -30 | -8.31  | -0.004797 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | NV | -20 | -7.72  | -0.004456 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | NV | 0   | -8.30  | -0.004791 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | NV | 10  | -7.41  | -0.004277 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | NV | 20  | -8.28  | -0.004779 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | NV | 30  | -6.38  | -0.003683 | ±2.5 | PASS |



**BUREAU  
VERITAS**

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |        |    |     |        |           |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | NV | 40  | -9.44  | -0.005449 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | NV | 50  | -8.67  | -0.005004 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | NV | -30 | -5.52  | -0.003154 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | NV | -20 | -6.98  | -0.003989 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | NV | 0   | -4.99  | -0.002851 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | NV | 10  | -12.42 | -0.007097 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | NV | 20  | -8.96  | -0.005120 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | NV | 30  | -5.52  | -0.003154 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | NV | 40  | -7.88  | -0.004503 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | NV | 50  | -8.01  | -0.004577 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | -30 | -9.08  | -0.005287 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | -20 | -10.36 | -0.006032 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 0   | -10.91 | -0.006352 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 10  | -8.00  | -0.004658 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 20  | -9.16  | -0.005333 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 30  | -7.93  | -0.004617 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 40  | -7.65  | -0.004454 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 50  | -9.58  | -0.005578 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | -30 | -11.49 | -0.006632 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | -20 | -6.57  | -0.003792 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 0   | -6.98  | -0.004029 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 10  | -11.50 | -0.006638 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 20  | -7.07  | -0.004081 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 30  | -5.41  | -0.003123 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 40  | -9.37  | -0.005408 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | 50  | -6.45  | -0.003723 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | -30 | -6.22  | -0.003559 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | -20 | -2.73  | -0.001562 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 0   | 5.14   | 0.002941  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 10  | -8.96  | -0.005127 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 20  | -7.93  | -0.004538 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 30  | -5.46  | -0.003124 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 40  | -10.47 | -0.005991 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | NV | 50  | -4.32  | -0.002472 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0 | NV | -30 | -7.80  | -0.004541 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0 | NV | -20 | -8.35  | -0.004862 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0 | NV | 0   | -8.93  | -0.005199 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0 | NV | 10  | -12.60 | -0.007336 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0 | NV | 20  | -12.89 | -0.007505 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0 | NV | 30  | -11.47 | -0.006678 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0 | NV | 40  | -11.14 | -0.006486 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 27RB#0 | NV | 50  | -11.04 | -0.006428 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | NV | -30 | -6.19  | -0.003573 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | NV | -20 | -7.61  | -0.004392 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | NV | 0   | -7.11  | -0.004104 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | NV | 10  | -7.93  | -0.004577 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | NV | 20  | -9.56  | -0.005518 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | NV | 30  | -8.97  | -0.005177 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | NV | 40  | -5.87  | -0.003388 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | NV | 50  | -6.54  | -0.003775 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0 | NV | -30 | -4.19  | -0.002398 | ±2.5 | PASS |



**BUREAU  
VERITAS**

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | NV | -20 | -6.52  | -0.003731 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | NV | 0   | -7.45  | -0.004263 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | NV | 10  | -6.25  | -0.003577 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | NV | 20  | -6.55  | -0.003748 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | NV | 30  | -8.43  | -0.004824 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | NV | 40  | -5.24  | -0.002999 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0  | NV | 50  | -7.42  | -0.004246 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | -30 | -8.24  | -0.004791 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | -20 | -9.41  | -0.005471 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 0   | -7.44  | -0.004326 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 10  | -9.20  | -0.005349 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 20  | -9.77  | -0.005680 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 30  | -10.74 | -0.006244 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 40  | -9.51  | -0.005529 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 50  | -13.05 | -0.007587 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -30 | -8.57  | -0.004947 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -20 | -11.96 | -0.006903 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 0   | -7.62  | -0.004398 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 10  | -13.06 | -0.007538 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 20  | -4.53  | -0.002615 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 30  | -8.15  | -0.004704 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 40  | -8.37  | -0.004831 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 50  | -5.48  | -0.003163 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -30 | -5.38  | -0.003083 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -20 | -7.31  | -0.004189 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 0   | -4.38  | -0.002510 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 10  | -7.50  | -0.004298 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 20  | -8.44  | -0.004837 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 30  | -8.55  | -0.004900 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 40  | -9.41  | -0.005393 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 50  | -6.65  | -0.003811 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | NV | -30 | -9.33  | -0.005424 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | NV | -20 | -9.71  | -0.005645 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | NV | 0   | -9.73  | -0.005657 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | NV | 10  | -10.39 | -0.006041 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | NV | 20  | -7.64  | -0.004442 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | NV | 30  | -11.04 | -0.006419 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | NV | 40  | -9.76  | -0.005674 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 27RB#0  | NV | 50  | -8.04  | -0.004674 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | NV | -30 | -8.01  | -0.004623 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | NV | -20 | -4.31  | -0.002488 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | NV | 0   | -5.29  | -0.003053 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | NV | 10  | -8.61  | -0.004970 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | NV | 20  | -4.89  | -0.002823 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | NV | 30  | -7.20  | -0.004156 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | NV | 40  | -6.88  | -0.003971 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 27RB#0  | NV | 50  | -6.85  | -0.003954 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0  | NV | -30 | 8.05   | 0.004613  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0  | NV | -20 | 7.20   | 0.004126  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0  | NV | 0   | 6.95   | 0.003983  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0  | NV | 10  | 10.69  | 0.006126  | ±2.5 | PASS |



BUREAU  
VERITAS

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |        |    |    |       |           |      |      |
|-------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0 | NV | 20 | 4.21  | 0.002413  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0 | NV | 30 | 7.97  | 0.004567  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0 | NV | 40 | -4.43 | -0.002539 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 27RB#0 | NV | 50 | 8.98  | 0.005146  | ±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            | 4.24       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 5.17       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 3.06       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 8.49       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 3.09       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 8.52       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 4.24       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 5.61       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 4.54       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 5.41       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 3.06       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.38       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 3.20       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 5.14       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | 2.70       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.50       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | 3.90       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 4.21       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | 3.39       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 27RB#0           | 5.58       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | 2.73       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 27RB#0           | 4.84       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | 8.47       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 27RB#0           | 4.42       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | 3.77       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 5.35       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 1RB#0            | 5.75       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 5.35       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | 5.07       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 4.70       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | 4.11       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 27RB#0           | 5.18       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 1RB#0            | 6.13       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 27RB#0           | 6.03       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | 5.28       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 27RB#0           | 5.89       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | 3.20       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 5.31       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 1RB#0            | 2.70       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 5.10       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#0            | 2.80       | 13        | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 8.49       | 13        | PASS    |



BUREAU  
VERITAS

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0  | 3.36 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 27RB#0 | 4.33 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0  | 2.79 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 27RB#0 | 4.79 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0  | 8.47 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 27RB#0 | 4.60 | 13 | PASS |

## Test Graphs

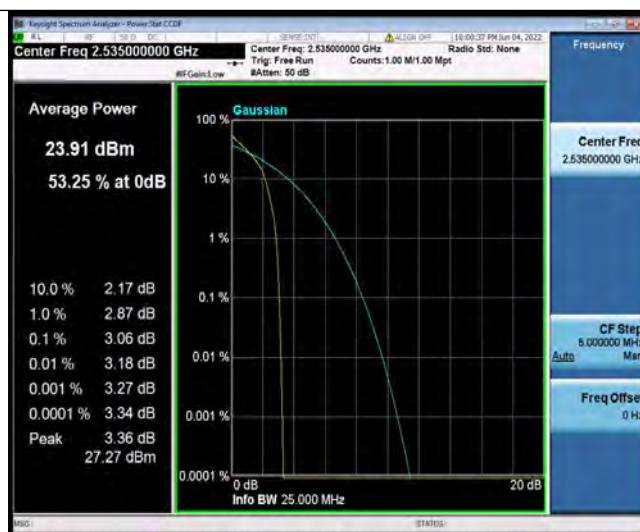
Band7-5MHz-QPSK-20775-1RB#0



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



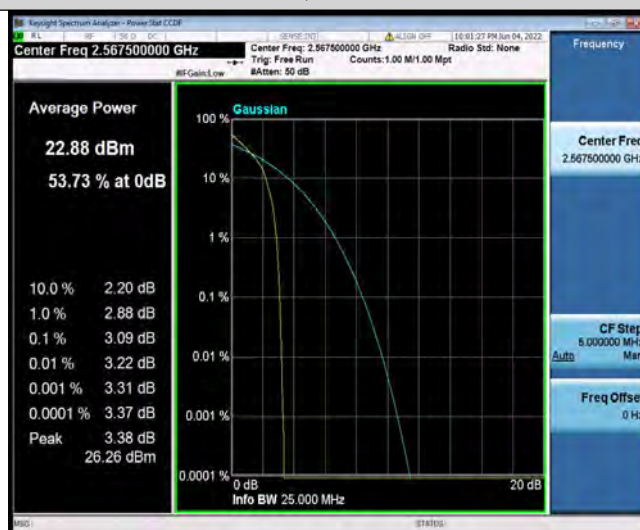
Band7-5MHz-QPSK-21100-1RB#0



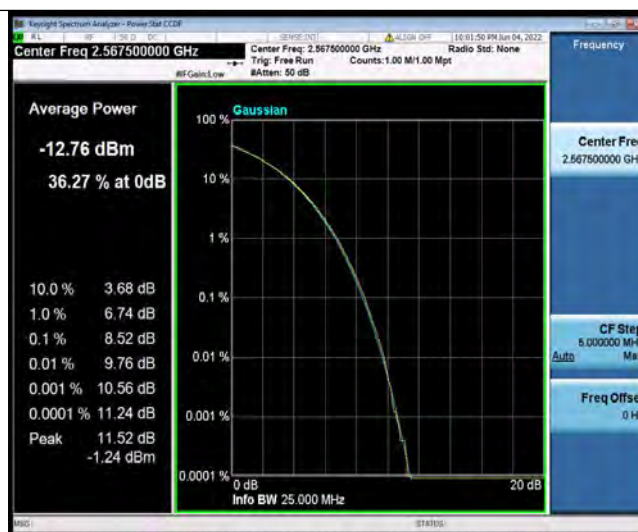
Band7-5MHz-QPSK-21100-25RB#0



Band7-5MHz-QPSK-21425-1RB#0



Band7-5MHz-QPSK-21425-25RB#0



Band7-5MHz-16QAM-20775-1RB#0



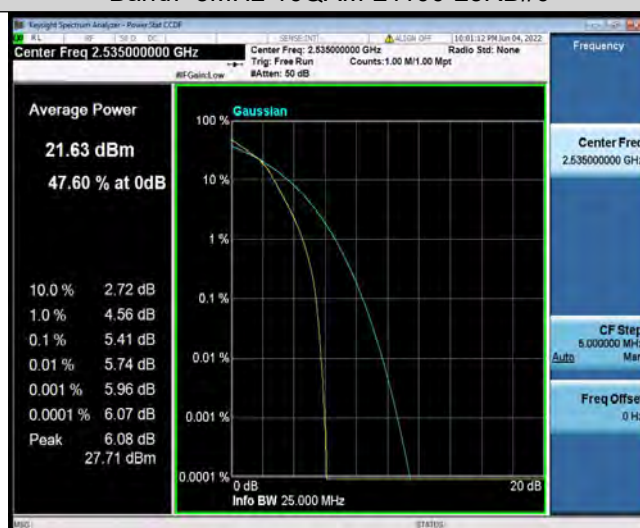
Band7-5MHz-16QAM-20775-25RB#0



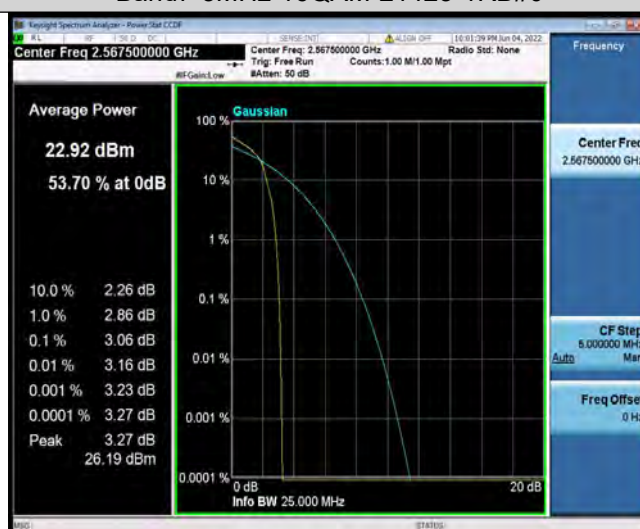
Band7-5MHz-16QAM-21100-1RB#0



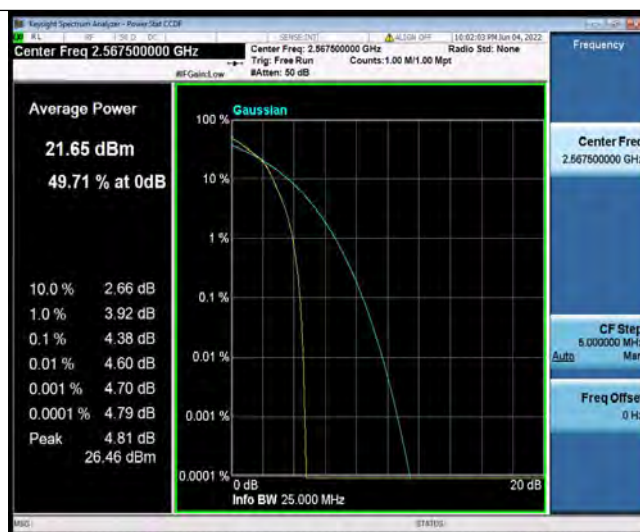
Band7-5MHz-16QAM-21100-25RB#0



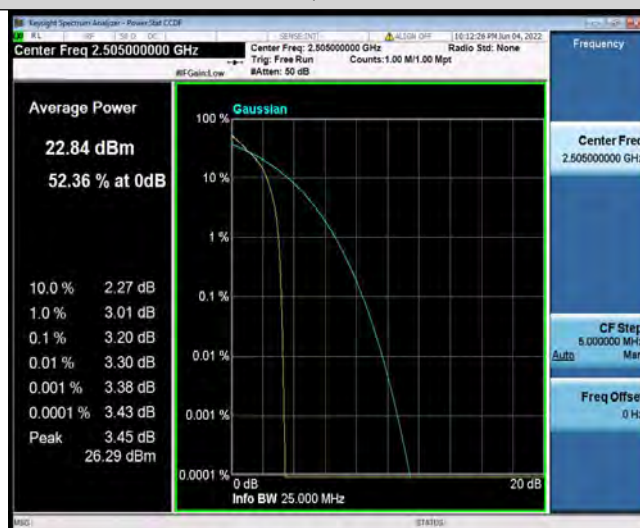
Band7-5MHz-16QAM-21425-1RB#0



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



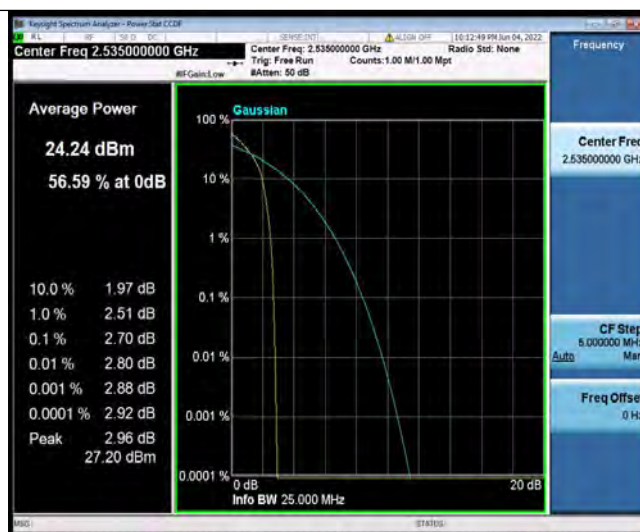
Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-1RB#0



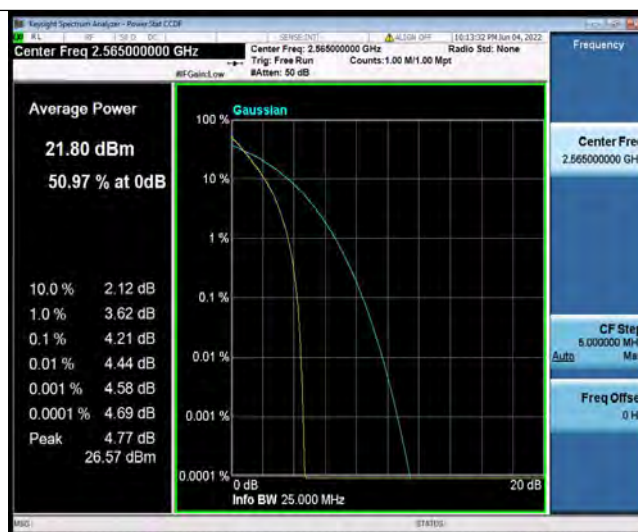
Band7-10MHz-QPSK-21100-50RB#0



Band7-10MHz-QPSK-21400-1RB#0



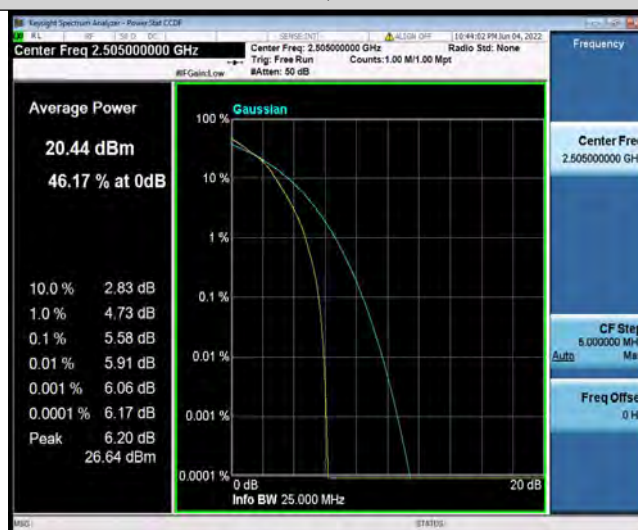
Band7-10MHz-QPSK-21400-50RB#0



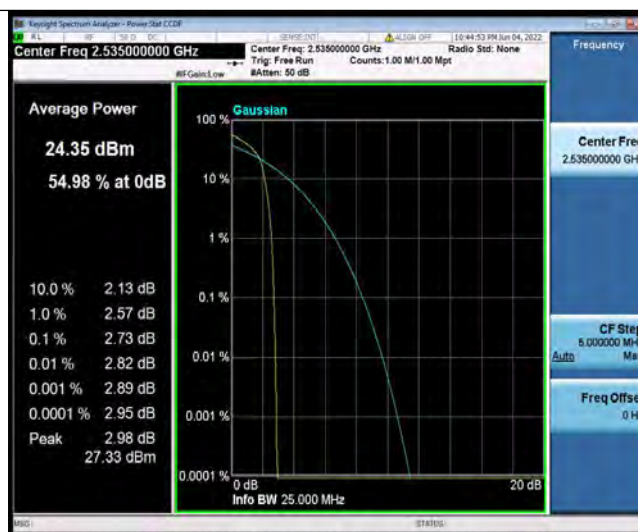
Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-27RB#0



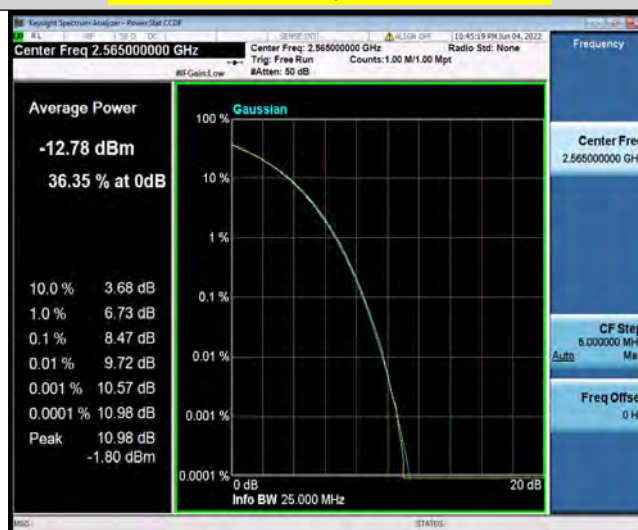
Band7-10MHz-16QAM-21100-1RB#0



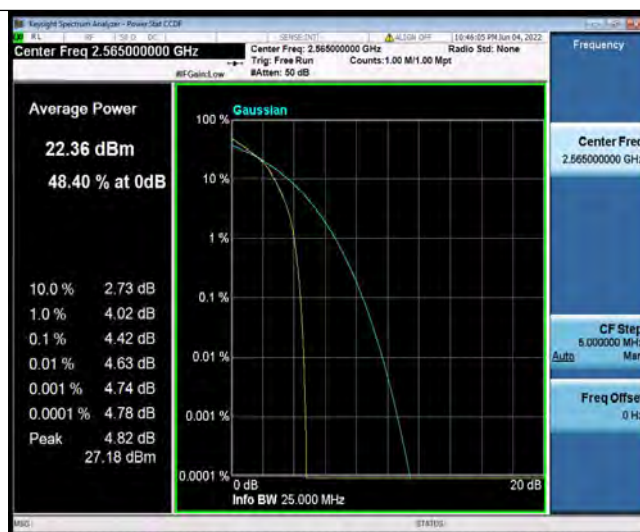
Band7-10MHz-16QAM-21100-27RB#0



Band7-10MHz-16QAM-21400-1RB#0



Band7-10MHz-16QAM-21400-27RB#0



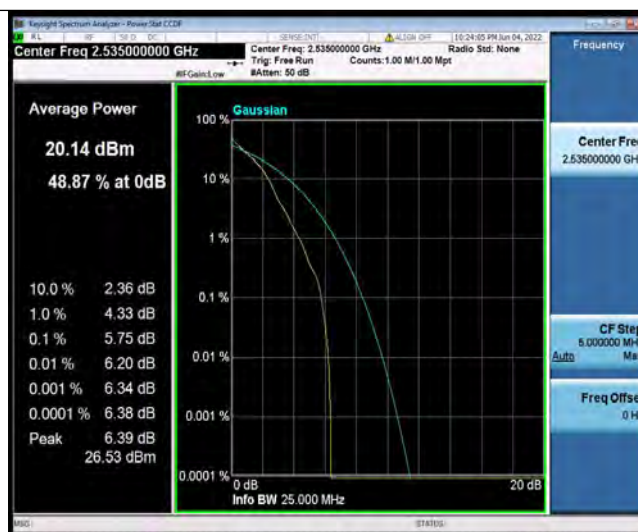
Band7-15MHz-QPSK-20825-1RB#0



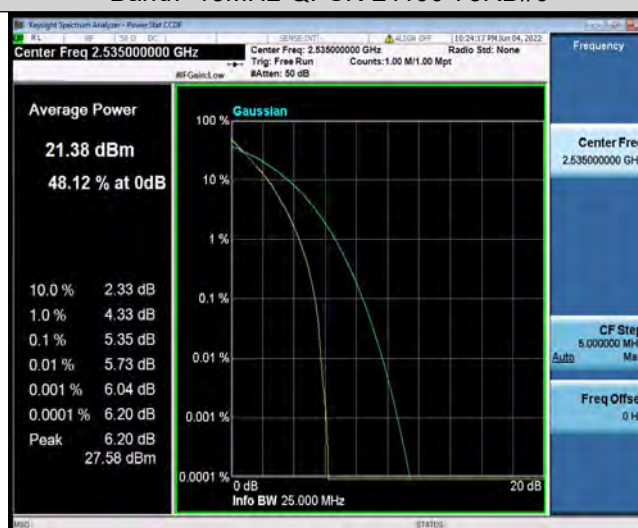
Band7-15MHz-QPSK-20825-75RB#0



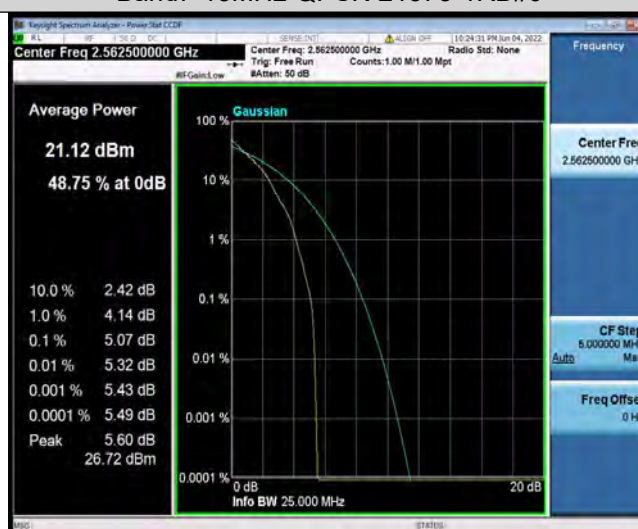
Band7-15MHz-QPSK-21100-1RB#0



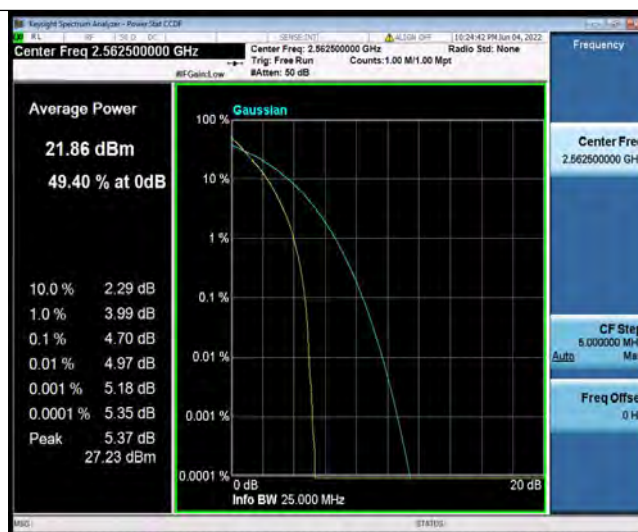
Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-1RB#0



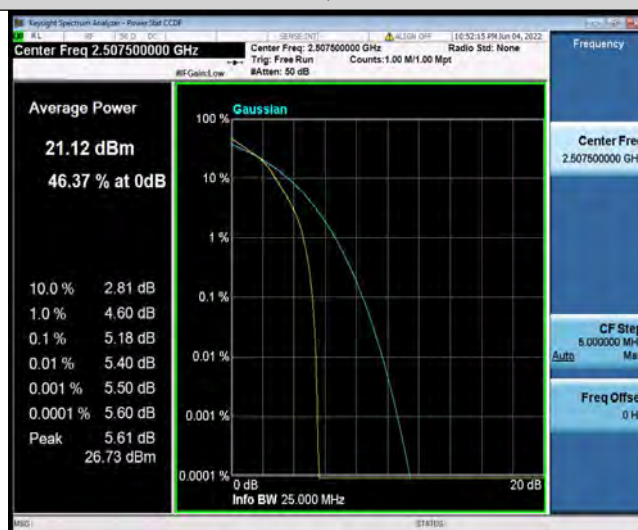
Band7-15MHz-QPSK-21375-75RB#0



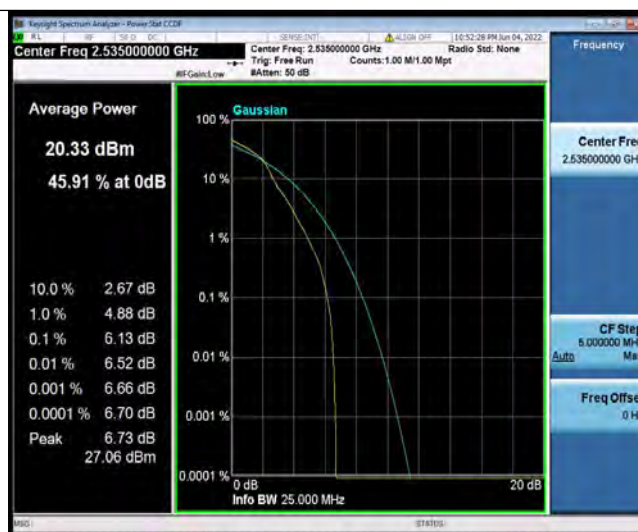
Band7-15MHz-16QAM-20825-1RB#0



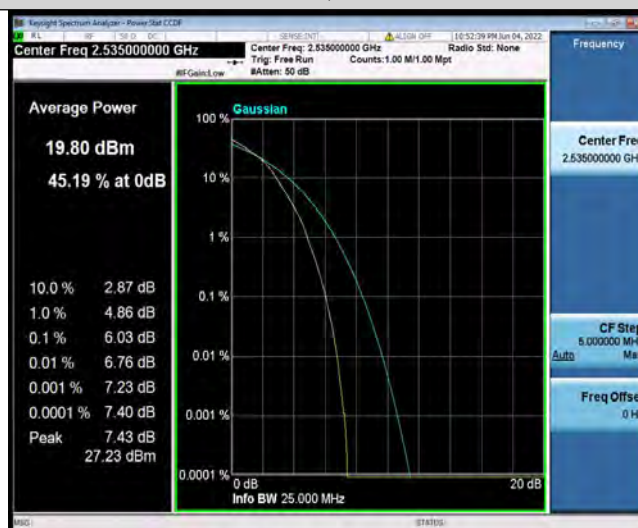
Band7-15MHz-16QAM-20825-27RB#0



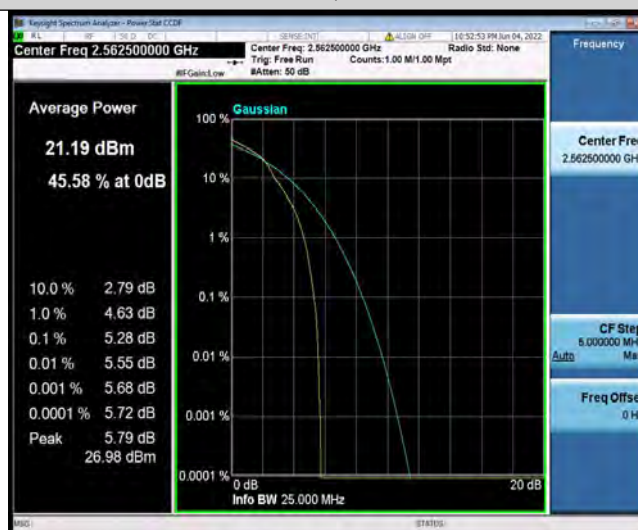
Band7-15MHz-16QAM-21100-1RB#0



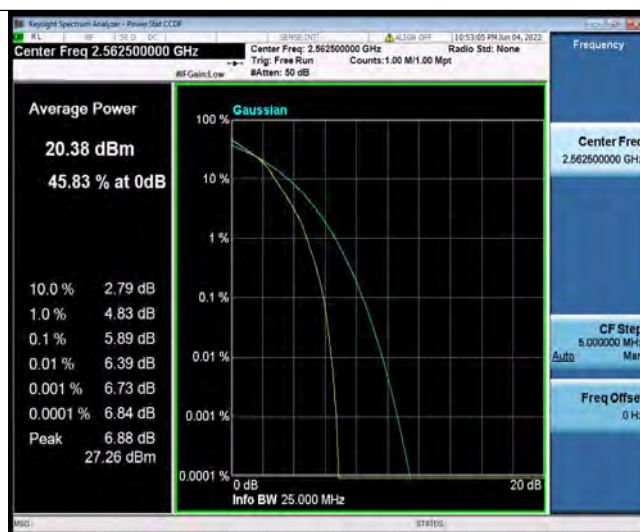
Band7-15MHz-16QAM-21100-27RB#0



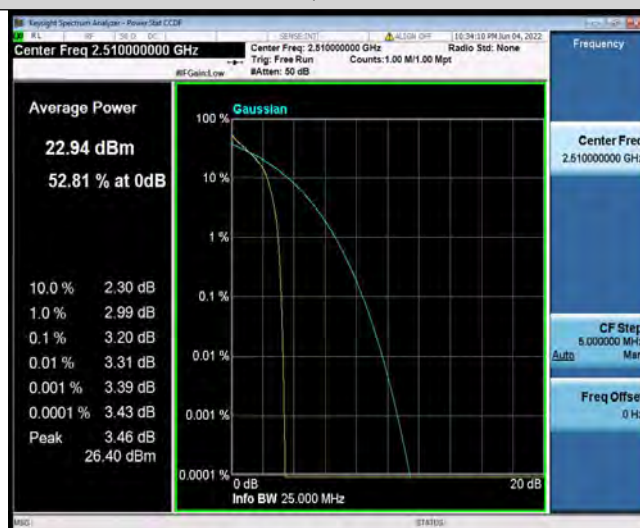
Band7-15MHz-16QAM-21375-1RB#0



Band7-15MHz-16QAM-21375-27RB#0



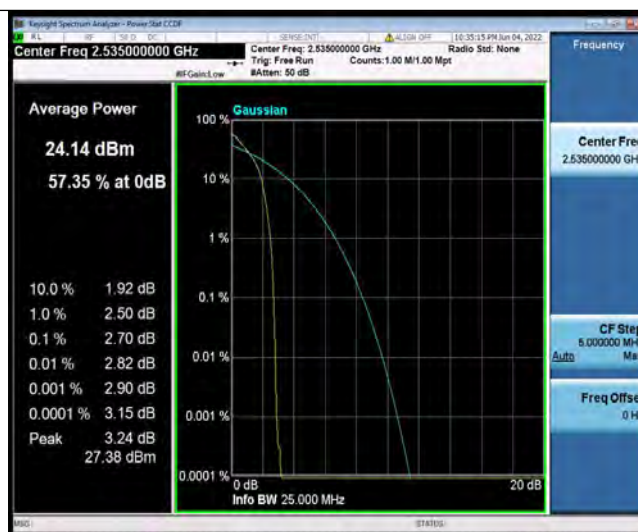
Band7-20MHz-QPSK-20850-1RB#0



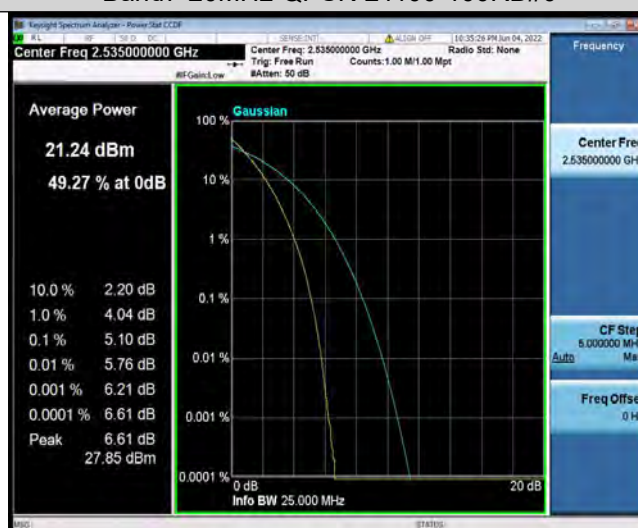
Band7-20MHz-QPSK-20850-100RB#0



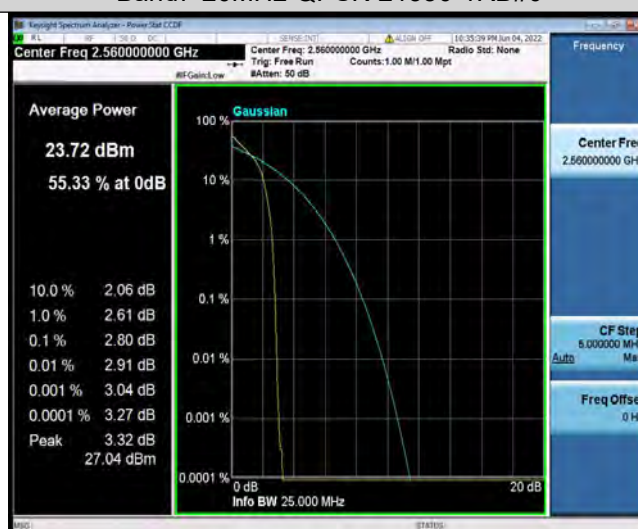
Band7-20MHz-QPSK-21100-1RB#0



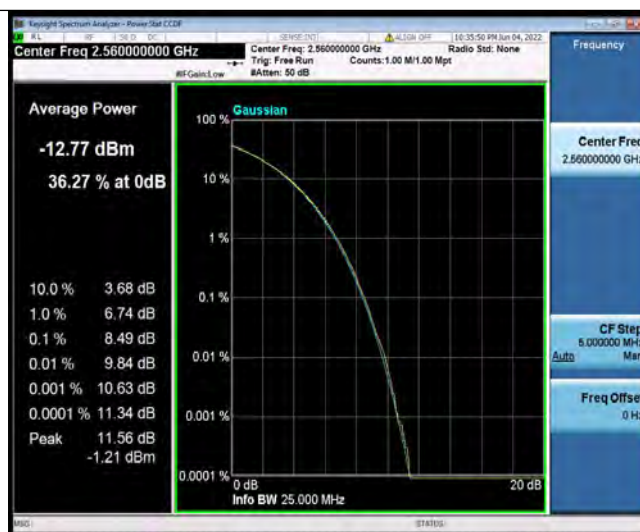
Band7-20MHz-QPSK-21100-100RB#0



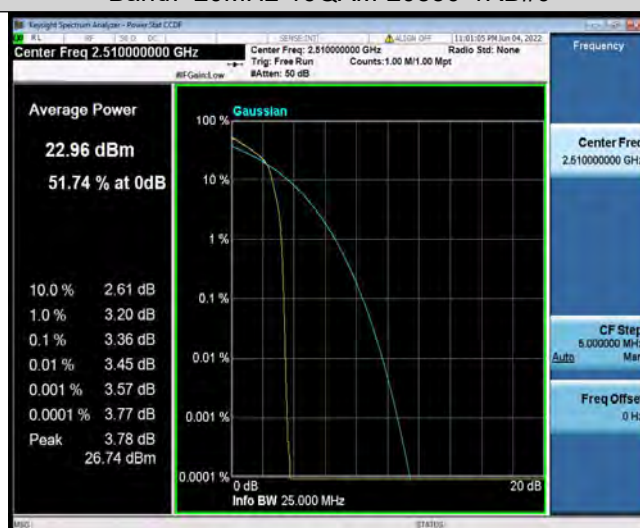
Band7-20MHz-QPSK-21350-1RB#0



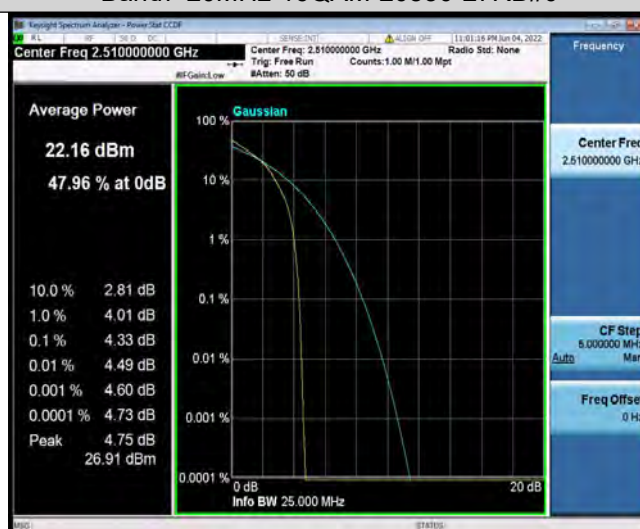
Band7-20MHz-QPSK-21350-100RB#0



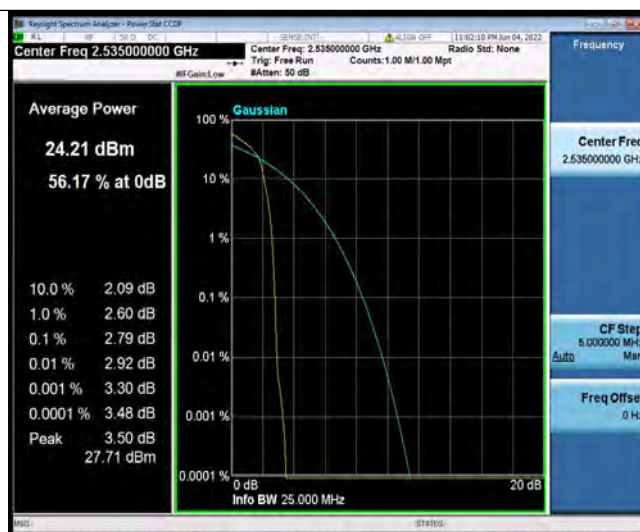
Band7-20MHz-16QAM-20850-1RB#0



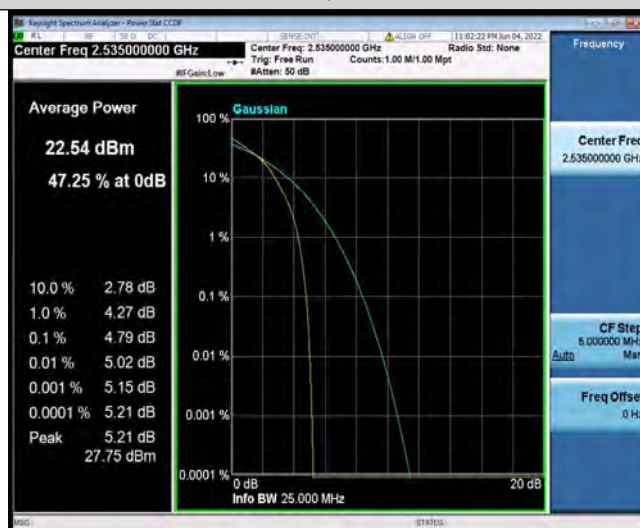
Band7-20MHz-16QAM-20850-27RB#0



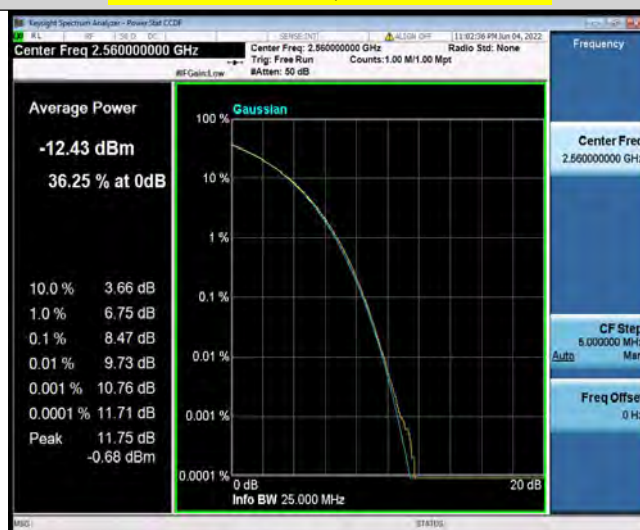
Band7-20MHz-16QAM-21100-1RB#0



Band7-20MHz-16QAM-21100-27RB#0



Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-27RB#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           | 4.4734                   | 4.918                | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.4730                   | 4.883                | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.4905                   | 8.321                | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.4782                   | 4.894                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.4794                   | 8.129                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.4808                   | 4.887                | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 8.9244                   | 9.491                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.9191                   | 9.503                | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 8.9303                   | 9.551                | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 27RB#0           | 4.9049                   | 5.662                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 27RB#0           | 4.9418                   | 6.213                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 27RB#0           | 4.9506                   | 7.060                | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.470                   | 14.52                | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.439                   | 14.61                | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.466                   | 15.88                | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 27RB#0           | 5.0410                   | 5.900                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 27RB#0           | 5.0395                   | 5.885                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 27RB#0           | 5.0729                   | 6.244                | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 17.973                   | 19.18                | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.881                   | 19.25                | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 17.965                   | 19.94                | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 27RB#0           | 5.1715                   | 6.336                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 27RB#0           | 5.2059                   | 6.790                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 27RB#0           | 5.2069                   | 6.532                | PASS    |

## Test Graphs

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



Band7-5MHz-QPSK-21100-25RB#0



Band7-5MHz-QPSK-21425-25RB#0



Band7-5MHz-16QAM-20775-25RB#0



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



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



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-50RB#0



Band7-10MHz-QPSK-21400-50RB#0



Band7-10MHz-16QAM-20800-27RB#0



Band7-10MHz-16QAM-21100-27RB#0



Band7-10MHz-16QAM-21400-27RB#0



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



Band7-15MHz-QPSK-21100-75RB#0



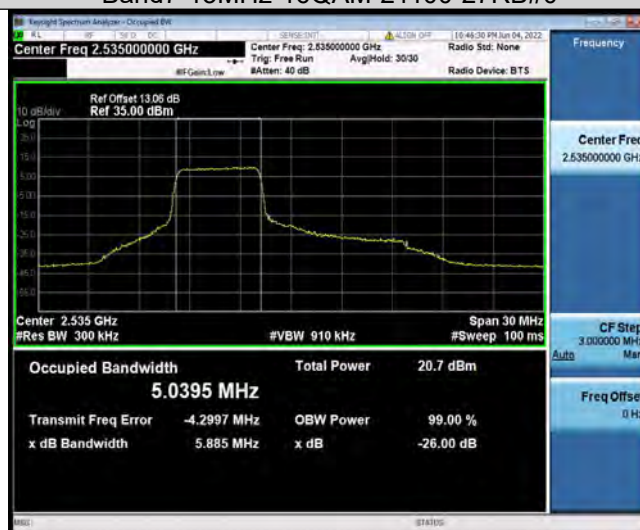
Band7-15MHz-QPSK-21375-75RB#0



Band7-15MHz-16QAM-20825-27RB#0



Band7-15MHz-16QAM-21100-27RB#0



Band7-15MHz-16QAM-21375-27RB#0



Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-20850-27RB#0



Band7-20MHz-16QAM-21100-27RB#0



Band7-20MHz-16QAM-21350-27RB#0



## **BAND EDGE**

### **Test Result**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Test Result           | Verdict |
|-------|-----------|------------|---------|------------------|-----------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | Refer To Test Graph   | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | - Refer To Test Graph | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | Refer To Test Graph   | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24           | Refer To Test Graph   | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | Refer To Test Graph   | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#49           | Refer To Test Graph   | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | Refer To Test Graph   | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 27RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#49           | Refer To Test Graph   | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 27RB#23          | Refer To Test Graph   | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | Refer To Test Graph   | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#74           | Refer To Test Graph   | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | Refer To Test Graph   | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 27RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#74           | Refer To Test Graph   | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 27RB#48          | Refer To Test Graph   | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | Refer To Test Graph   | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | Refer To Test Graph   | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#99           | Refer To Test Graph   | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | Refer To Test Graph   | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 1RB#0            | Refer To Test Graph   | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 27RB#0           | Refer To Test Graph   | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 1RB#99           | Refer To Test Graph   | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 27RB#73          | Refer To Test Graph   | PASS    |

## Test Graphs

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



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



Band7-5MHz-QPSK-21425-1RB#24



Band7-5MHz-QPSK-21425-25RB#0



Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21425-1RB#24



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



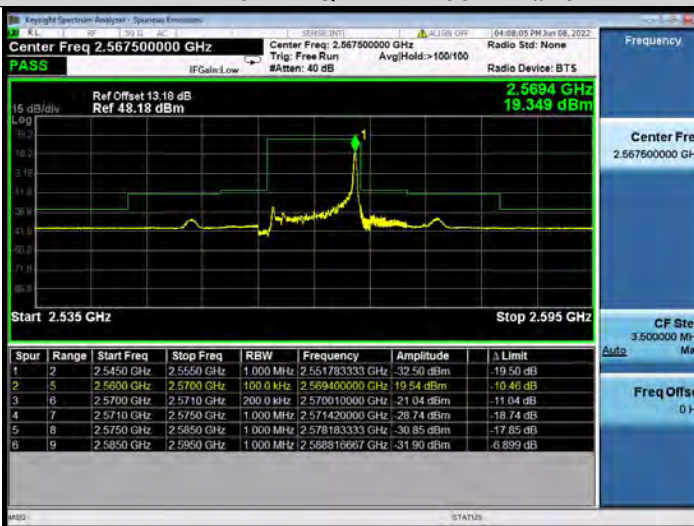
Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21400-1RB#49



Band7-10MHz-QPSK-21400-50RB#0



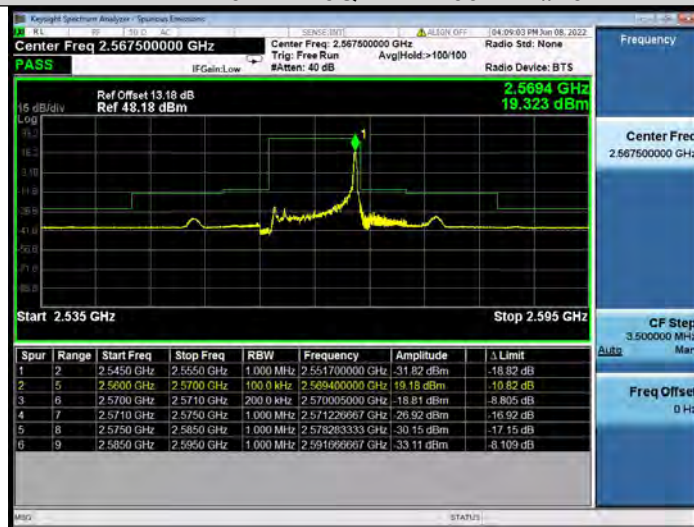
Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM -20800-27RB#0



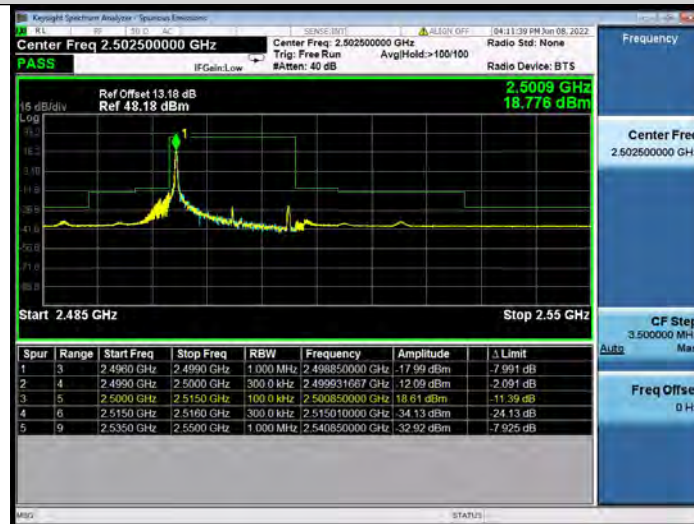
Band7-10MHz-16QAM-21400-1RB#49



Band7-10MHz-16QAM-21400-27RB#23



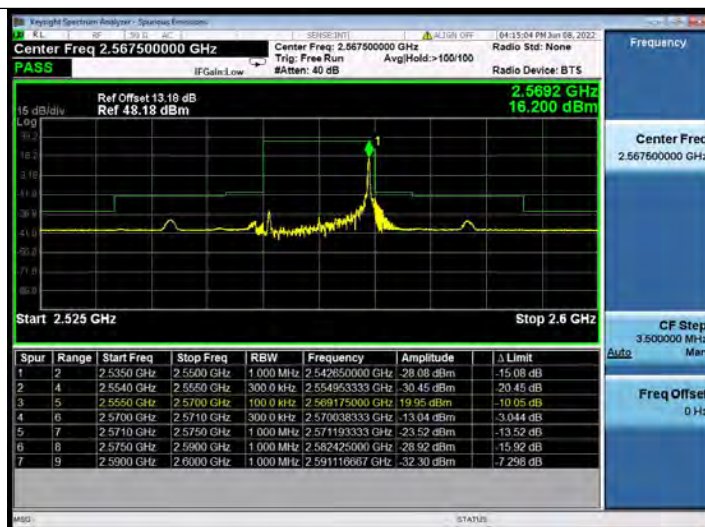
Band7-15MHz-QPSK-20825-1RB#0



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



Band7-15MHz-QPSK-21375-1RB#74



Band7-15MHz-QPSK-21375-75RB#0



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



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



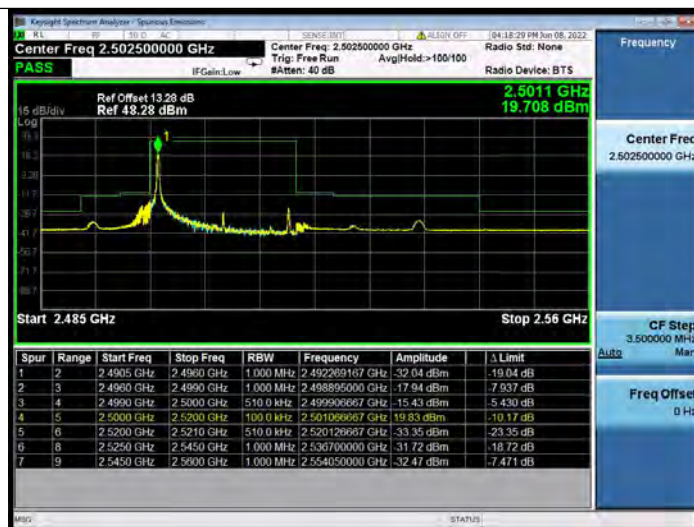
Band7-15MHz-QPSK-21375-1RB#74



Band7-15MHz-16QAM-21375-27RB#48



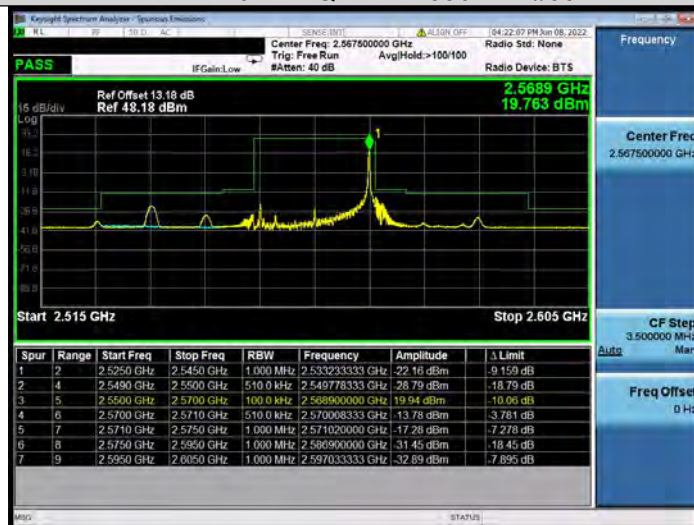
Band7-20MHz-QPSK-20850-1RB#0



Band7-20MHz-QPSK-20850-100RB#0



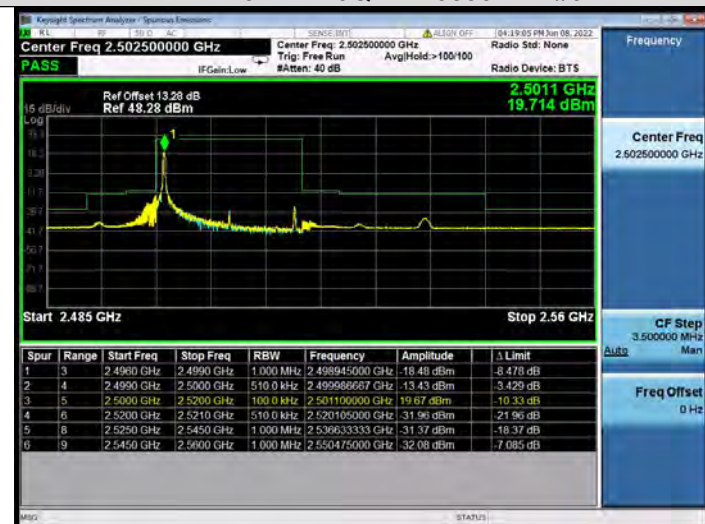
Band7-20MHz-QPSK-21350-1RB#99



Band7-20MHz-QPSK-21350-100RB#0



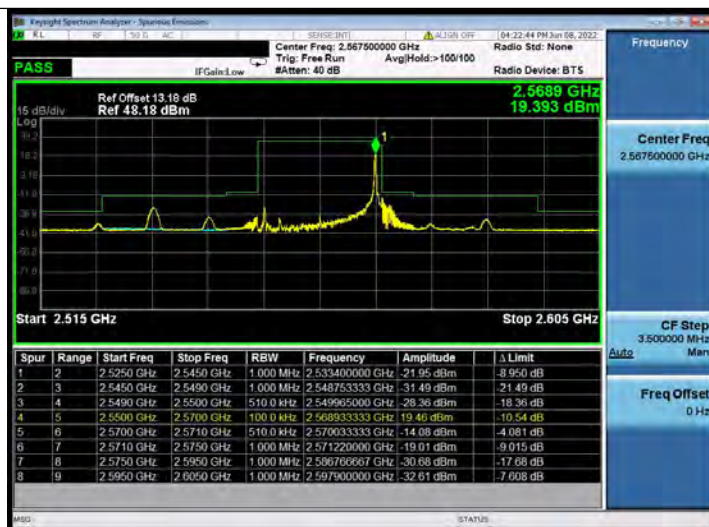
Band7-20MHz-16QAM-20850-1RB#0



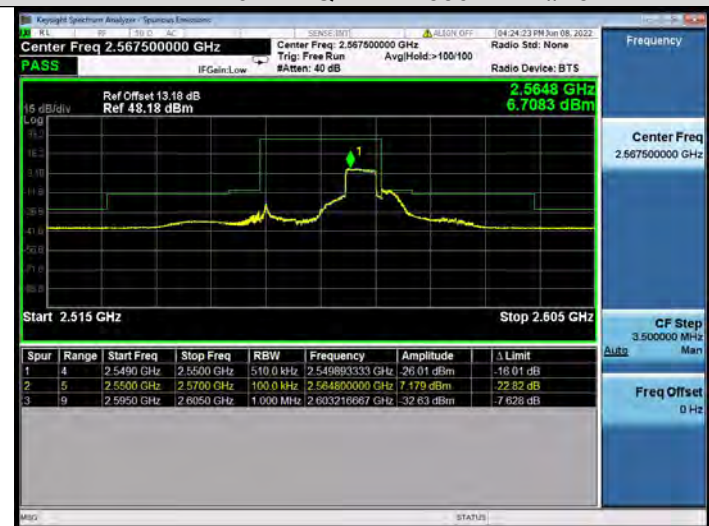
Band7-20MHz-16QAM-20850-27RB#0



Band7-20MHz-16QAM-21350-1RB#99



### Band7-20MHz-QPSK-21350-27RB#73



## CONDUCTED SPURIOUS EMISSION

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range      | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|--------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | Range1:30~1000MHz    | -41.35       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | Range2:1000~27000MHz | -31.7        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | Range1:30~1000MHz    | -39.73       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.69       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | Range1:30~1000MHz    | -41.67       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | Range2:1000~27000MHz | -30.41       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | Range1:30~1000MHz    | -41.32       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | Range2:1000~27000MHz | -31.13       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | Range1:30~1000MHz    | -41.56       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.44       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | Range1:30~1000MHz    | -41.78       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | Range2:1000~27000MHz | -32.04       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | Range1:30~1000MHz    | -41.37       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | Range2:1000~27000MHz | -30.96       | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | Range1:30~1000MHz    | -41.26       | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.51       | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | Range1:30~1000MHz    | -41.98       | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | Range2:1000~27000MHz | -32.05       | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | Range1:30~1000MHz    | -41.17       | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | Range2:1000~27000MHz | -31.48       | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | Range1:30~1000MHz    | -40.78       | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | Range2:1000~27000MHz | -30.9        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | Range1:30~1000MHz    | -41.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | Range2:1000~27000MHz | -31.07       | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | Range1:30~1000MHz    | -40.25       | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | Range2:1000~27000MHz | -31.49       | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 1RB#0            | Range1:30~1000MHz    | -41.61       | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.54       | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | Range1:30~1000MHz    | -40.97       | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | Range2:1000~27000MHz | -31.99       | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | Range1:30~1000MHz    | -41.13       | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | Range2:1000~27000MHz | -31.93       | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 1RB#0            | Range1:30~1000MHz    | -41.57       | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.57       | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | Range1:30~1000MHz    | -41.54       | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | Range2:1000~27000MHz | -32.12       | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | Range1:30~1000MHz    | -41.02       | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0            | Range2:1000~27000MHz | -31.48       | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 1RB#0            | Range1:30~1000MHz    | -41.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 1RB#0            | Range2:1000~27000MHz | -31.37       | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#0            | Range1:30~1000MHz    | -39.93       | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#0            | Range2:1000~27000MHz | -31.33       | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 1RB#0            | Range1:30~1000MHz    | -41.42       | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 1RB#0            | Range2:1000~27000MHz | -31.79       | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 1RB#0            | Range1:30~1000MHz    | -40.99       | PASS    |



BUREAU  
VERITAS

**Test Report No.: PSU-NQN2204290110-1RF03**

|       |       |       |       |       |                      |        |      |
|-------|-------|-------|-------|-------|----------------------|--------|------|
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~27000MHz | -31.76 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range1:30~1000MHz    | -41.32 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range2:1000~27000MHz | -31.22 | PASS |

## Test Graphs

Band7-5MHz-QPSK-20775-1RB#0-Range1:30~1000MHz



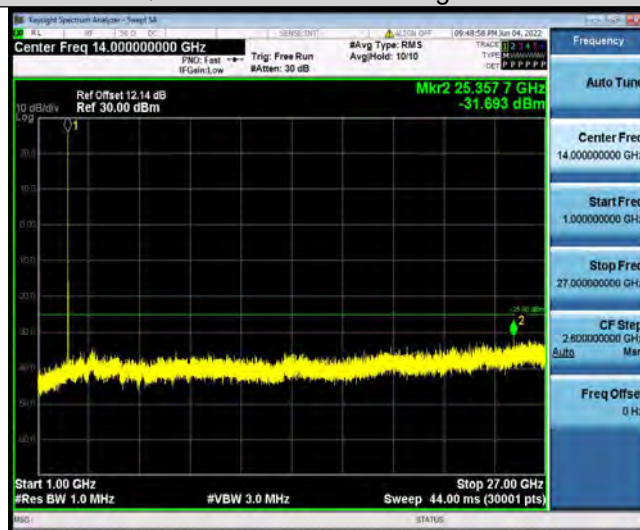
Band7-5MHz-QPSK-20775-1RB#0-Range2:1000~27000MHz



Band7-5MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



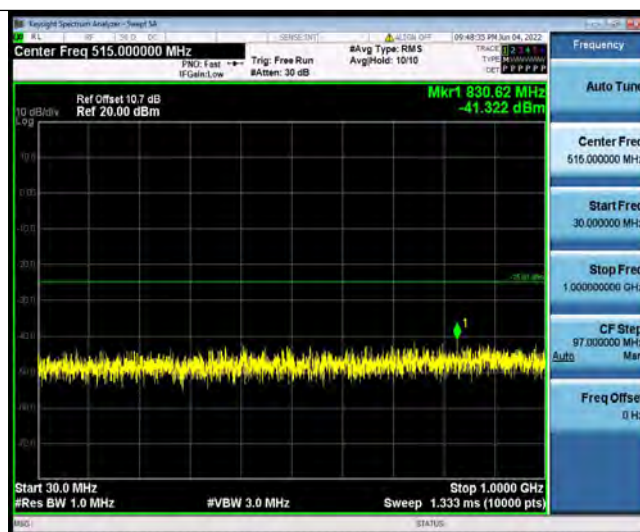
Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~27000MHz



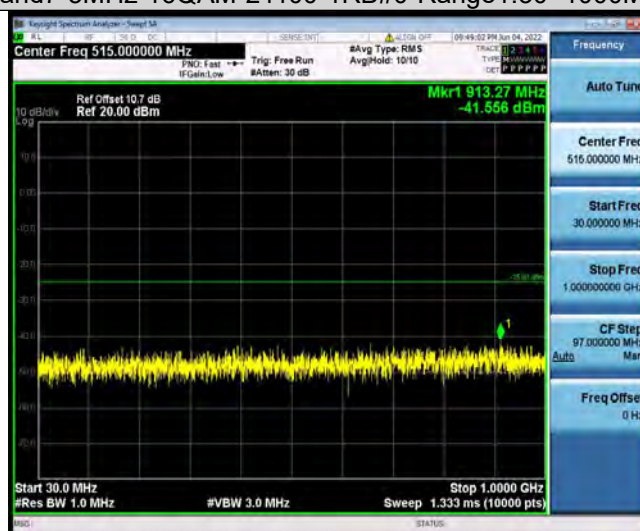
Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~27000MHz



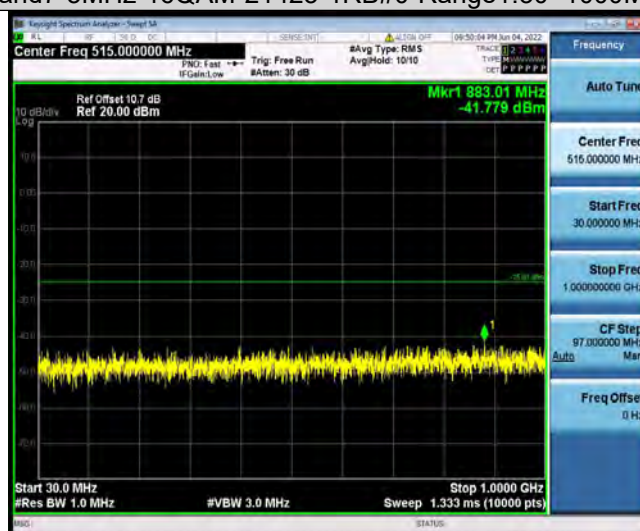
Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



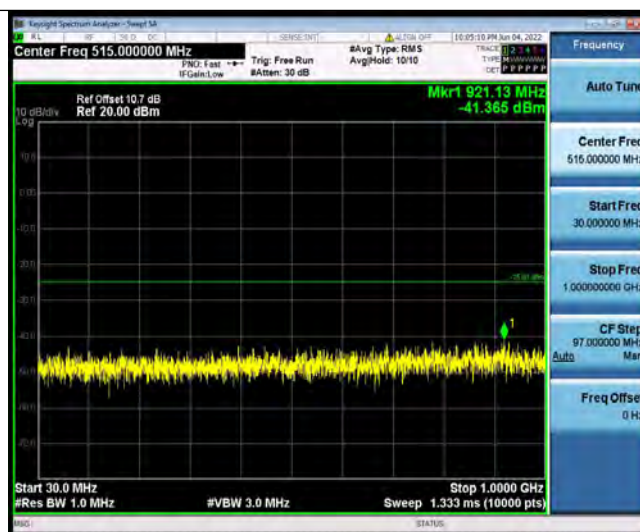
Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~27000MHz



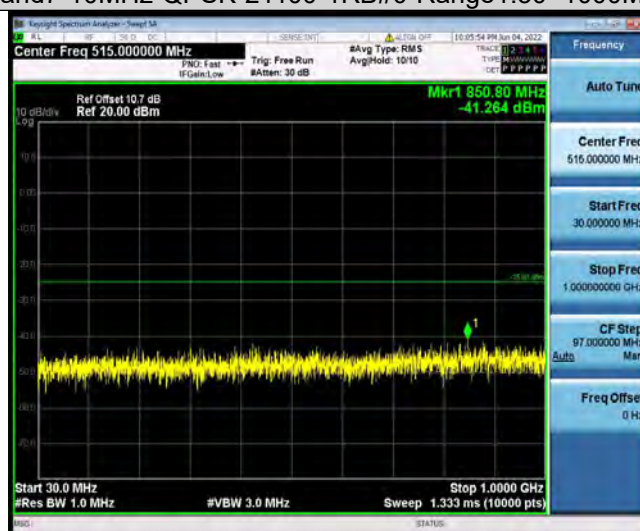
Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~27000MHz



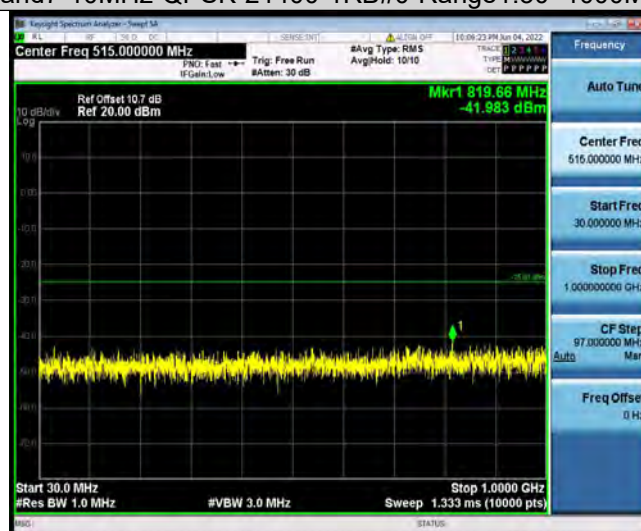
Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



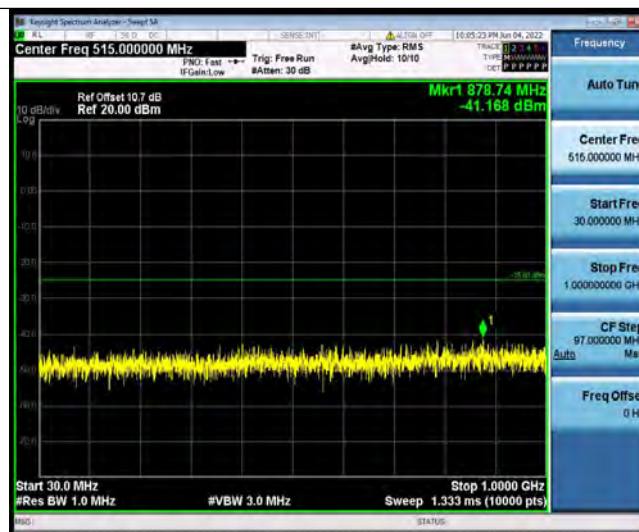
Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~27000MHz



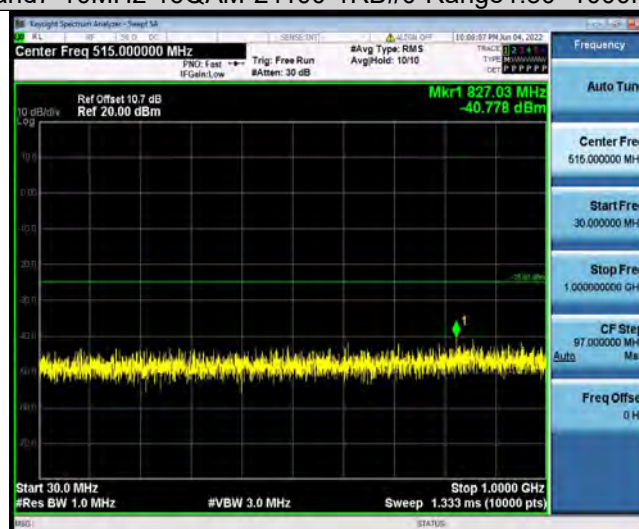
Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz



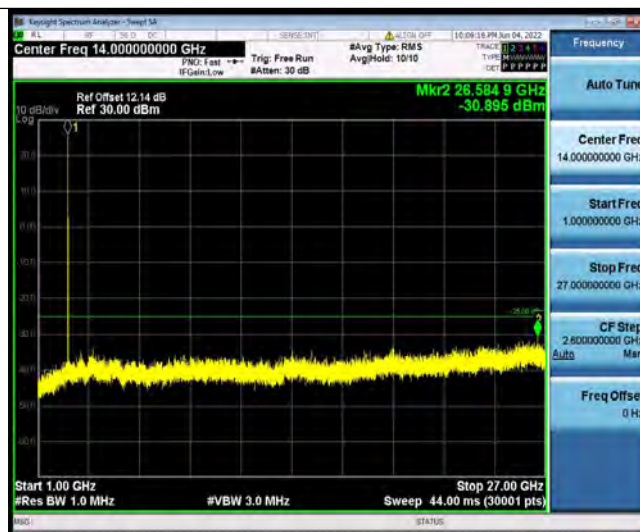
Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~27000MHz



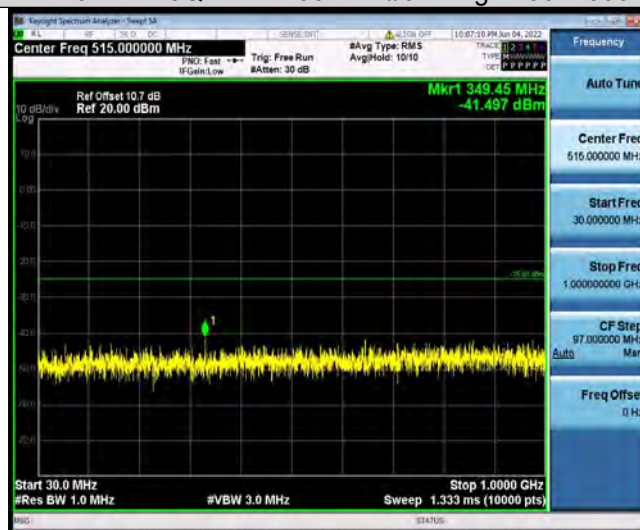
Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



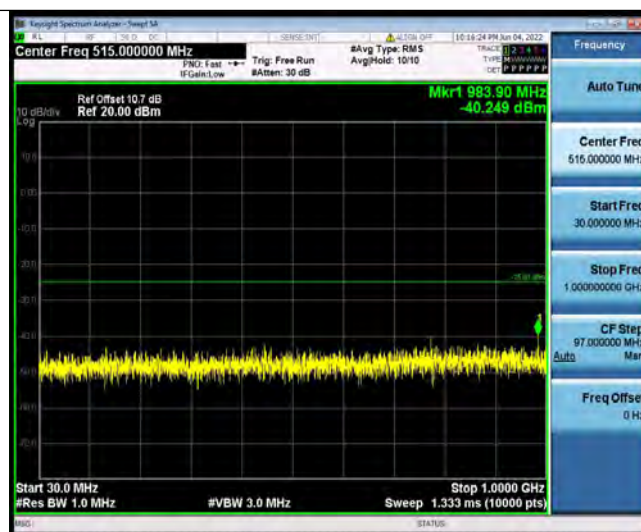
Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz



Band7-10MHz-16QAM-21400-1RB#0-Range2:1000~27000MHz



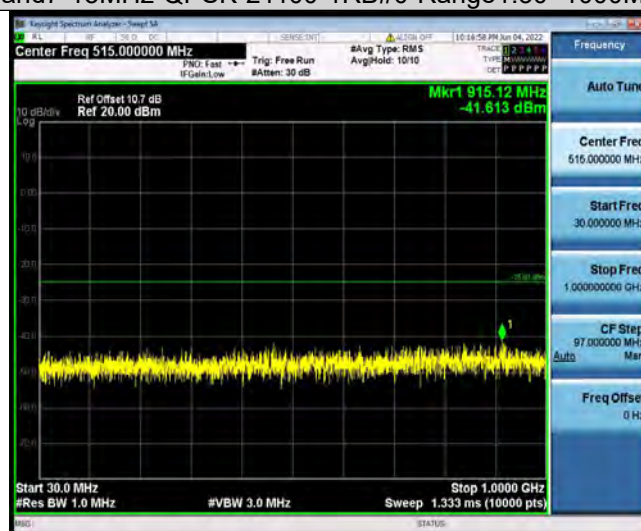
Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~27000MHz



Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz