

## Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | Gain (dBi) | E(I)RP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|--------------|------------|--------------|-------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 22.42        | 1.59       | 24.01        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 22.55        | 1.59       | 24.14        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 22.63        | 1.59       | 24.22        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 21.69        | 1.59       | 23.28        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 22.89        | 1.59       | 24.48        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 22.86        | 1.59       | 24.45        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 22.8         | 1.59       | 24.39        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 21.82        | 1.59       | 23.41        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 22.64        | 1.59       | 24.23        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 22.74        | 1.59       | 24.33        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 22.72        | 1.59       | 24.31        | 33          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 21.75        | 1.59       | 23.34        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 21.69        | 1.59       | 23.28        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 21.47        | 1.59       | 23.06        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 21.63        | 1.59       | 23.22        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 20.81        | 1.59       | 22.4         | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 21.91        | 1.59       | 23.5         | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 21.77        | 1.59       | 23.36        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 21.87        | 1.59       | 23.46        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 20.82        | 1.59       | 22.41        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 21.59        | 1.59       | 23.18        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#2            | 22.07        | 1.59       | 23.66        | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#5            | 21.71        | 1.59       | 23.3         | 33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 20.76        | 1.59       | 22.35        | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#0            | 22.45        | 1.59       | 24.04        | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#8            | 22.74        | 1.59       | 24.33        | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#14           | 22.6         | 1.59       | 24.19        | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 21.78        | 1.59       | 23.37        | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#0            | 22.71        | 1.59       | 24.3         | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#8            | 22.9         | 1.59       | 24.49        | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#14           | 22.72        | 1.59       | 24.31        | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 21.71        | 1.59       | 23.3         | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1RB#0            | 22.47        | 1.59       | 24.06        | 33          | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1RB#8            | 22.72        | 1.59       | 24.31        | 33          | PASS    |

|       |       |       |       |        |       |      |       |    |      |
|-------|-------|-------|-------|--------|-------|------|-------|----|------|
| Band2 | 3MHz  | QPSK  | 19185 | 1RB#14 | 22.61 | 1.59 | 24.2  | 33 | PASS |
| Band2 | 3MHz  | QPSK  | 19185 | 15RB#0 | 21.66 | 1.59 | 23.25 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 18615 | 1RB#0  | 21.71 | 1.59 | 23.3  | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 18615 | 1RB#8  | 21.71 | 1.59 | 23.3  | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 18615 | 1RB#14 | 21.78 | 1.59 | 23.37 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 18615 | 15RB#0 | 20.84 | 1.59 | 22.43 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 18900 | 1RB#0  | 21.5  | 1.59 | 23.09 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 18900 | 1RB#8  | 22.07 | 1.59 | 23.66 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 18900 | 1RB#14 | 21.57 | 1.59 | 23.16 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 18900 | 15RB#0 | 20.84 | 1.59 | 22.43 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 19185 | 1RB#0  | 21.46 | 1.59 | 23.05 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 19185 | 1RB#8  | 21.58 | 1.59 | 23.17 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 19185 | 1RB#14 | 21.87 | 1.59 | 23.46 | 33 | PASS |
| Band2 | 3MHz  | 16QAM | 19185 | 15RB#0 | 20.69 | 1.59 | 22.28 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 18625 | 1RB#0  | 22.84 | 1.59 | 24.43 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 18625 | 1RB#12 | 22.91 | 1.59 | 24.5  | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 18625 | 1RB#24 | 23.1  | 1.59 | 24.69 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 18625 | 25RB#0 | 21.99 | 1.59 | 23.58 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#0  | 22.98 | 1.59 | 24.57 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#12 | 23.11 | 1.59 | 24.7  | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#24 | 23    | 1.59 | 24.59 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 25RB#0 | 21.98 | 1.59 | 23.57 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#0  | 22.73 | 1.59 | 24.32 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#12 | 22.62 | 1.59 | 24.21 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#24 | 23    | 1.59 | 24.59 | 33 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 25RB#0 | 21.85 | 1.59 | 23.44 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#0  | 21.62 | 1.59 | 23.21 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#12 | 21.73 | 1.59 | 23.32 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#24 | 21.93 | 1.59 | 23.52 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0 | 21.04 | 1.59 | 22.63 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0  | 22.07 | 1.59 | 23.66 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12 | 22.02 | 1.59 | 23.61 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24 | 22.25 | 1.59 | 23.84 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0 | 20.93 | 1.59 | 22.52 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0  | 21.7  | 1.59 | 23.29 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12 | 21.69 | 1.59 | 23.28 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24 | 22.03 | 1.59 | 23.62 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0 | 20.92 | 1.59 | 22.51 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0  | 22.68 | 1.59 | 24.27 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24 | 23.06 | 1.59 | 24.65 | 33 | PASS |

|       |       |       |       |         |       |      |       |    |      |
|-------|-------|-------|-------|---------|-------|------|-------|----|------|
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49  | 22.98 | 1.59 | 24.57 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 22.13 | 1.59 | 23.72 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 22.07 | 1.59 | 23.66 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 22.77 | 1.59 | 24.36 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 22.98 | 1.59 | 24.57 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 23.14 | 1.59 | 24.73 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 21.99 | 1.59 | 23.58 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 21.96 | 1.59 | 23.55 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 22.65 | 1.59 | 24.24 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 22.59 | 1.59 | 24.18 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 22.93 | 1.59 | 24.52 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 21.7  | 1.59 | 23.29 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 21.68 | 1.59 | 23.27 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 27RB#0  | 20.28 | 1.59 | 21.87 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 27RB#0  | 20.43 | 1.59 | 22.02 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 27RB#0  | 20.21 | 1.59 | 21.8  | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 22.09 | 1.59 | 23.68 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 22.02 | 1.59 | 23.61 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 22.29 | 1.59 | 23.88 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 21.22 | 1.59 | 22.81 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 22.11 | 1.59 | 23.7  | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 21.87 | 1.59 | 23.46 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 22.26 | 1.59 | 23.85 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 21.2  | 1.59 | 22.79 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 21.63 | 1.59 | 23.22 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 21.82 | 1.59 | 23.41 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 21.85 | 1.59 | 23.44 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 20.82 | 1.59 | 22.41 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 22.4  | 1.59 | 23.99 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 23.08 | 1.59 | 24.67 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 22.56 | 1.59 | 24.15 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 22.02 | 1.59 | 23.61 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 22.63 | 1.59 | 24.22 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 23.06 | 1.59 | 24.65 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 22.81 | 1.59 | 24.4  | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 21.98 | 1.59 | 23.57 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 22.57 | 1.59 | 24.16 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 22.62 | 1.59 | 24.21 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 22.61 | 1.59 | 24.2  | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 21.73 | 1.59 | 23.32 | 33 | PASS |

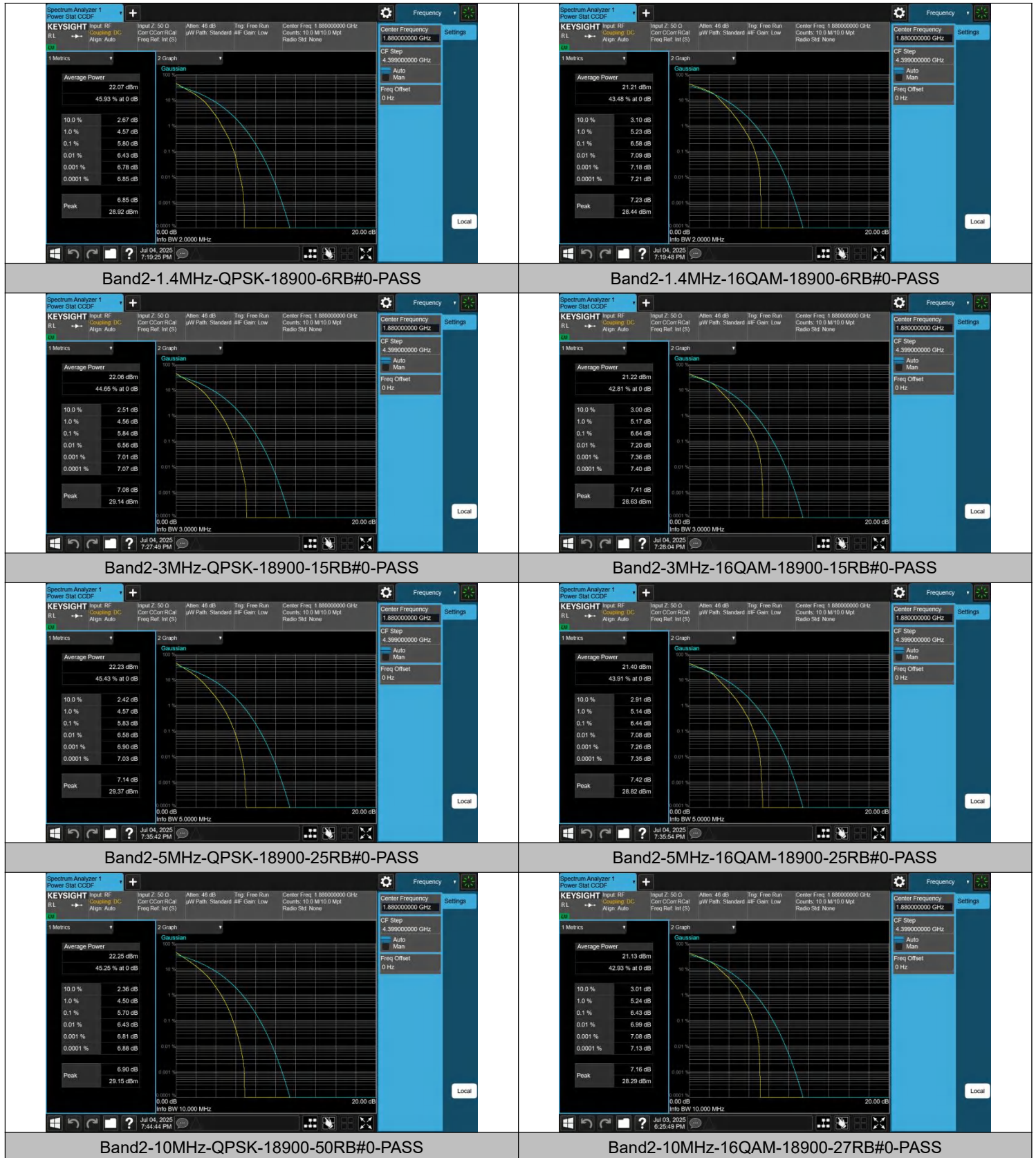
|       |       |       |       |         |       |      |       |    |      |
|-------|-------|-------|-------|---------|-------|------|-------|----|------|
| Band2 | 15MHz | 16QAM | 18675 | 27RB#0  | 20.58 | 1.59 | 22.17 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 27RB#0  | 20.66 | 1.59 | 22.25 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 27RB#0  | 20.5  | 1.59 | 22.09 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 21.75 | 1.59 | 23.34 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 22.1  | 1.59 | 23.69 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 21.92 | 1.59 | 23.51 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 21.5  | 1.59 | 23.09 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 21.98 | 1.59 | 23.57 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 21.7  | 1.59 | 23.29 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 21.48 | 1.59 | 23.07 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 21.39 | 1.59 | 22.98 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 21.65 | 1.59 | 23.24 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 22.74 | 1.59 | 24.33 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 23    | 1.59 | 24.59 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 22.73 | 1.59 | 24.32 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 22.13 | 1.59 | 23.72 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 22.6  | 1.59 | 24.19 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 22.99 | 1.59 | 24.58 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 22.75 | 1.59 | 24.34 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 21.7  | 1.59 | 23.29 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 22.67 | 1.59 | 24.26 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 22.82 | 1.59 | 24.41 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 22.7  | 1.59 | 24.29 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 21.56 | 1.59 | 23.15 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 27RB#0  | 20.76 | 1.59 | 22.35 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 27RB#0  | 20.65 | 1.59 | 22.24 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 27RB#0  | 20.58 | 1.59 | 22.17 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 21.85 | 1.59 | 23.44 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 21.96 | 1.59 | 23.55 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 21.89 | 1.59 | 23.48 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 22.05 | 1.59 | 23.64 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 21.92 | 1.59 | 23.51 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 22.18 | 1.59 | 23.77 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 21.81 | 1.59 | 23.4  | 33 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49  | 21.71 | 1.59 | 23.3  | 33 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99  | 21.84 | 1.59 | 23.43 | 33 | PASS |

## Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 5.80       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 6.58       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 5.84       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 6.64       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 5.83       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 6.44       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 5.70       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 27RB#0           | 6.43       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 5.92       | 13        | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 27RB#0           | 6.51       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 5.61       | 13        | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 27RB#0           | 6.50       | 13        | PASS    |

## Test Graphs

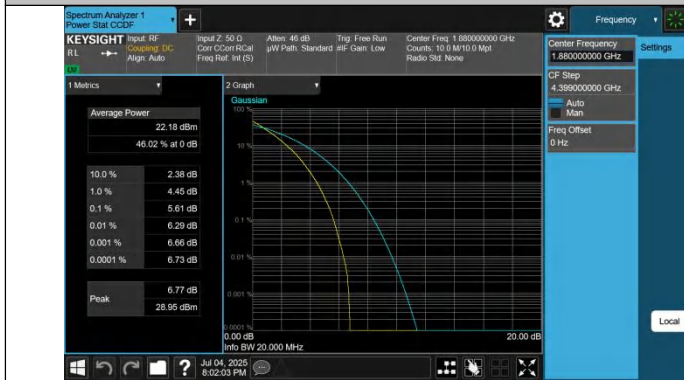




Band2-15MHz-QPSK-18900-75RB#0-PASS



Band2-15MHz-16QAM-18900-27RB#0-PASS



Band2-20MHz-QPSK-18900-100RB#0-PASS



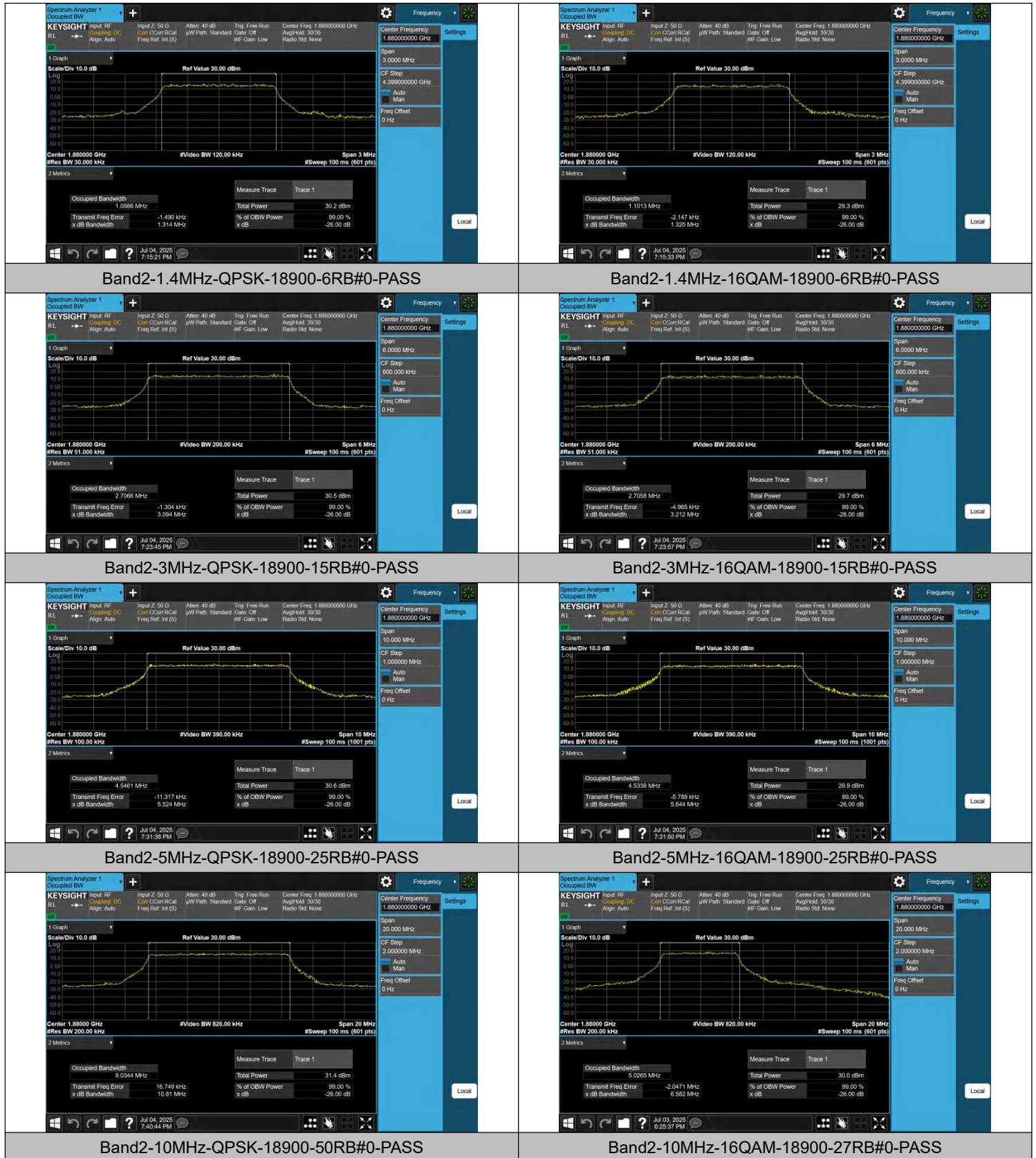
Band2-20MHz-16QAM-18900-27RB#0-PASS

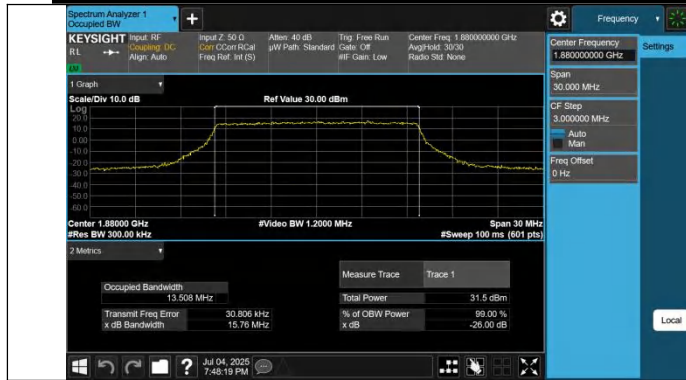
## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 1.0986                   | 1.314                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 1.1013                   | 1.325                | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 2.7066                   | 3.094                | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 2.7058                   | 3.212                | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 4.5461                   | 5.524                | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 4.5338                   | 5.644                | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 9.0344                   | 10.81                | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 27RB#0           | 5.0265                   | 6.582                | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 13.508                   | 15.76                | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 27RB#0           | 5.3645                   | 7.879                | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 17.991                   | 20.34                | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 27RB#0           | 5.6022                   | 8.211                | PASS    |

## Test Graphs





Band2-15MHz-QPSK-18900-75RB#0-PASS



Band2-15MHz-16QAM-18900-27RB#0-PASS



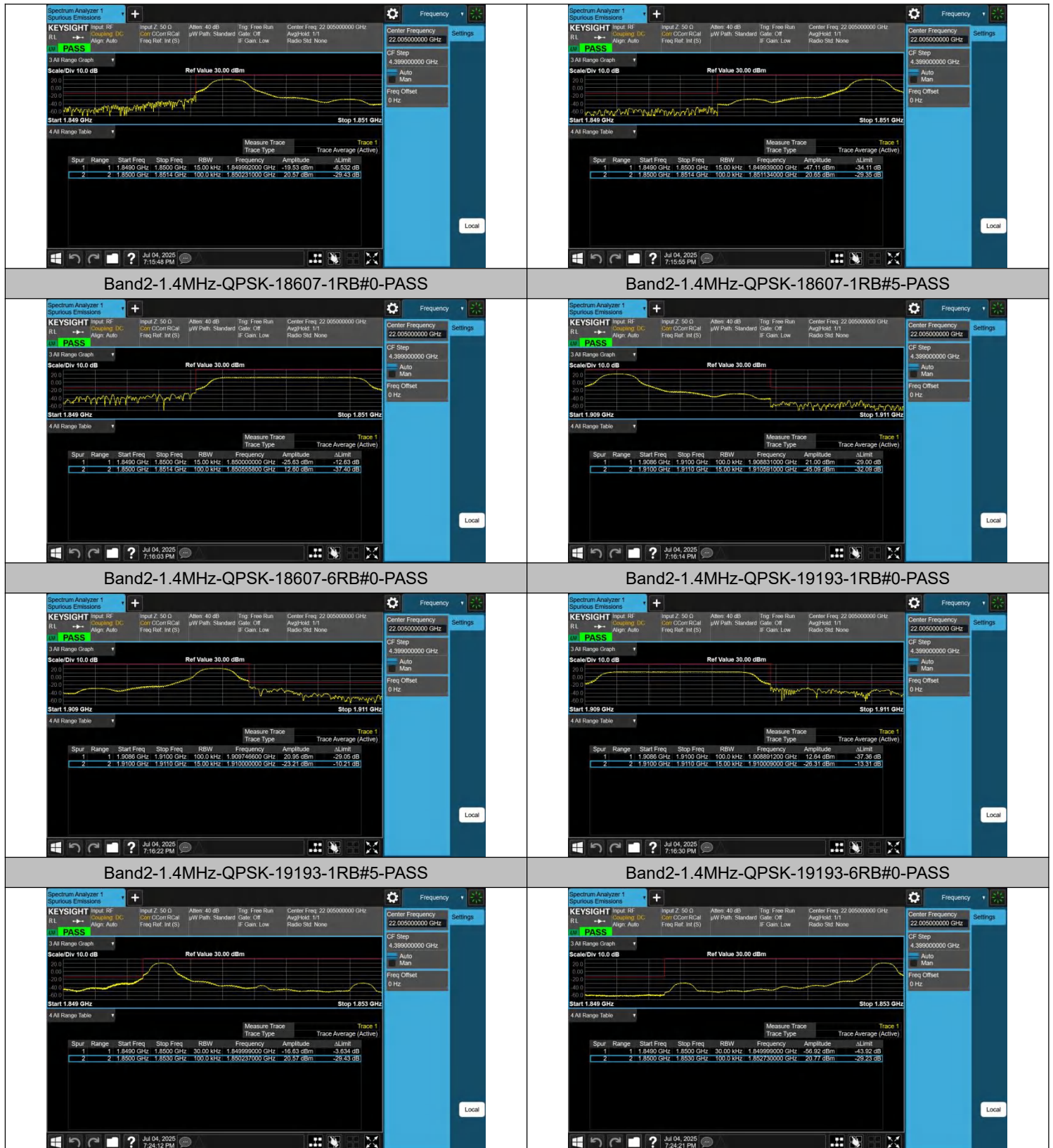
Band2-20MHz-QPSK-18900-100RB#0-PASS



Band2-20MHz-16QAM-18900-27RB#0-PASS

# Band Edge

## Test Graphs



Band2-3MHz-QPSK-18615-1RB#0-PASS



Band2-3MHz-QPSK-18615-1RB#14-PASS



Band2-3MHz-QPSK-18615-15RB#0-PASS



Band2-3MHz-QPSK-19185-1RB#0-PASS



Band2-3MHz-QPSK-19185-1RB#14-PASS



Band2-3MHz-QPSK-19185-15RB#0-PASS



Band2-5MHz-QPSK-18625-1RB#0-PASS



Band2-5MHz-QPSK-18625-1RB#24-PASS



Band2-5MHz-QPSK-18625-25RB#0-PASS

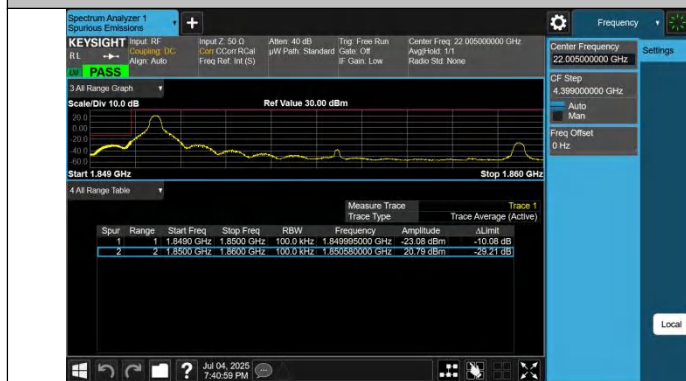
Band2-5MHz-QPSK-19175-1RB#0-PASS



Band2-5MHz-QPSK-19175-1RB#24-PASS



Band2-5MHz-QPSK-19175-25RB#0-PASS



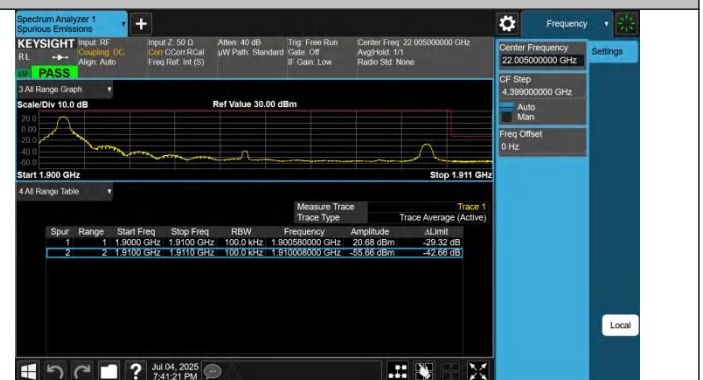
Band2-10MHz-QPSK-18650-1RB#0-PASS



Band2-10MHz-QPSK-18650-1RB#49-PASS



Band2-10MHz-QPSK-18650-50RB#0-PASS



Band2-10MHz-QPSK-19150-1RB#0-PASS



Band2-10MHz-QPSK-19150-1RB#49-PASS



Band2-10MHz-QPSK-19150-50RB#0-PASS



Band2-15MHz-QPSK-18675-1RB#0-PASS



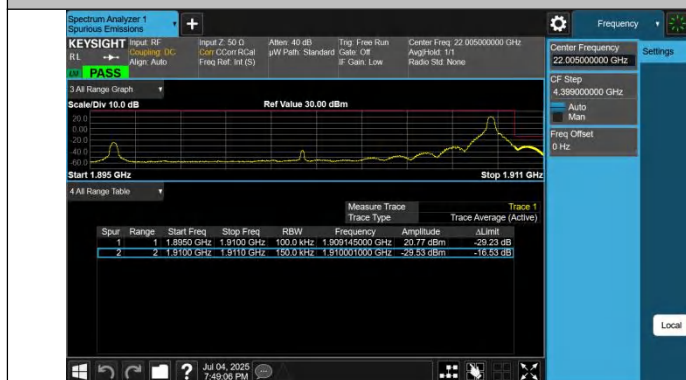
Band2-15MHz-QPSK-18675-1RB#74-PASS



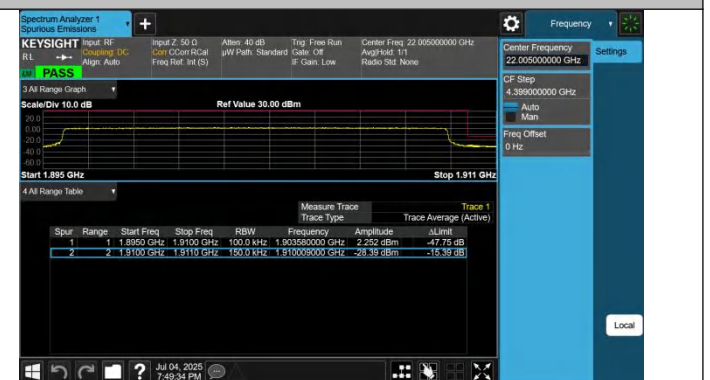
Band2-15MHz-QPSK-18675-75RB#0-PASS



Band2-15MHz-QPSK-19125-1RB#0-PASS



Band2-15MHz-QPSK-19125-1RB#74-PASS



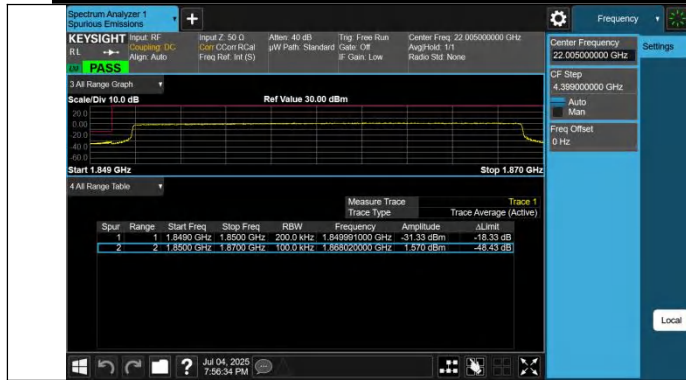
Band2-15MHz-QPSK-19125-75RB#0-PASS



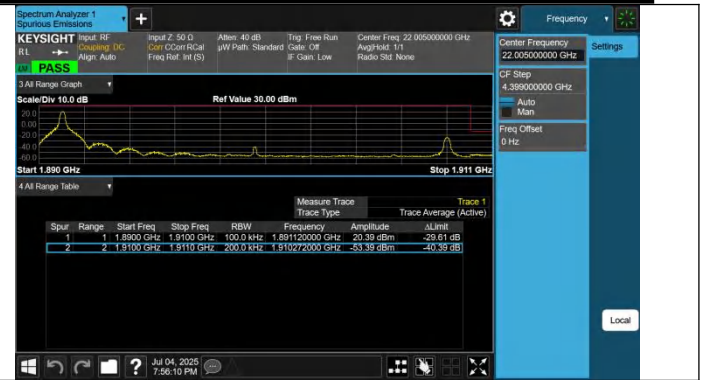
Band2-20MHz-QPSK-18700-1RB#0-PASS



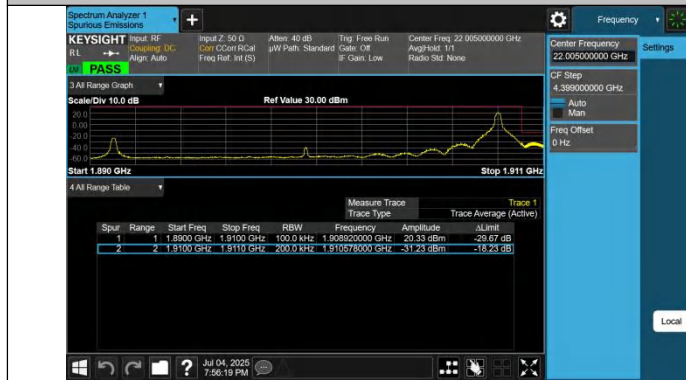
Band2-20MHz-QPSK-18700-1RB#99-PASS



Band2-20MHz-QPSK-18700-100RB#0-PASS



Band2-20MHz-QPSK-19100-1RB#0-PASS



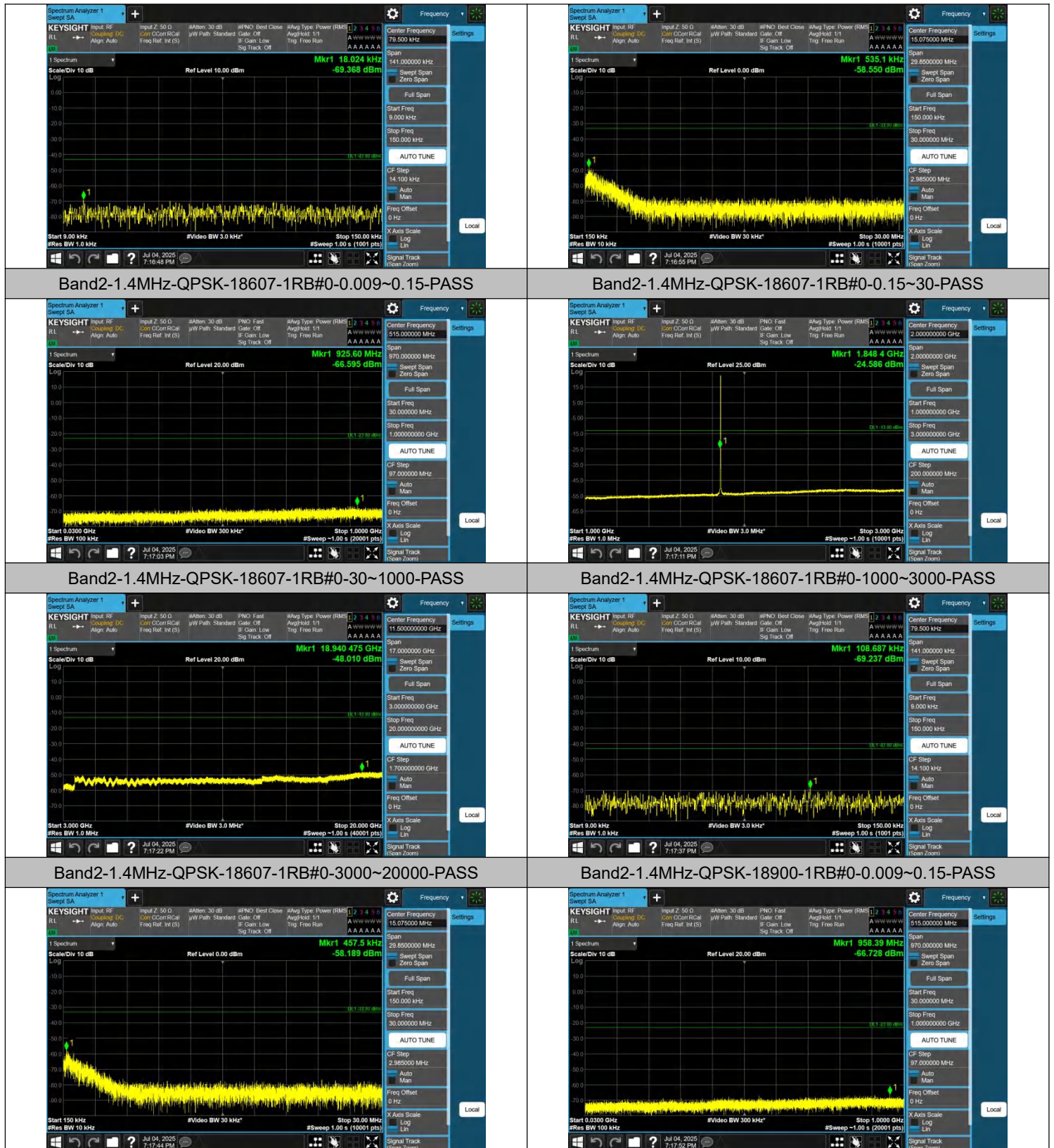
Band2-20MHz-QPSK-19100-1RB#99-PASS



Band2-20MHz-QPSK-19100-100RB#0-PASS

# Conducted Spurious Emission

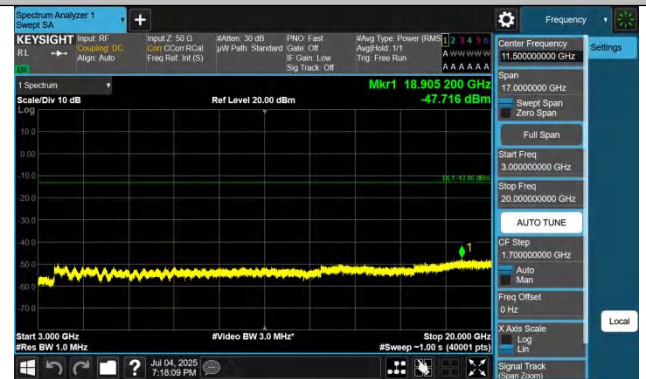
## Test Graphs



Band2-1.4MHz-QPSK-18900-1RB#0-0.15~30-PASS



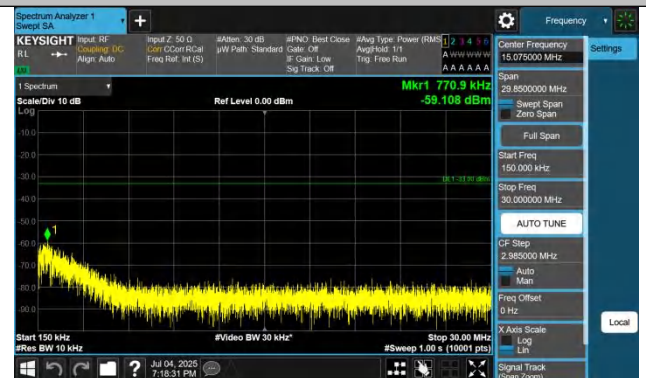
Band2-1.4MHz-QPSK-18900-1RB#0-30~1000-PASS



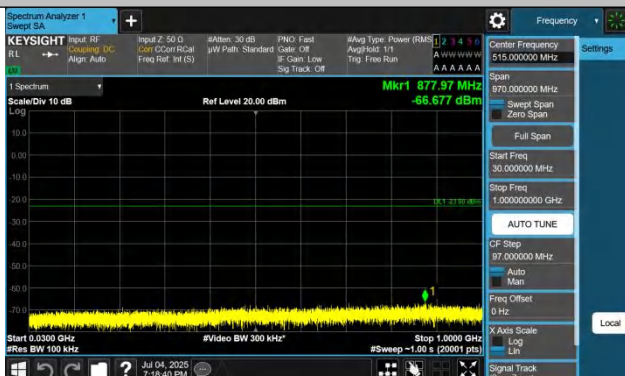
Band2-1.4MHz-QPSK-18900-1RB#0-1000~3000-PASS



Band2-1.4MHz-QPSK-18900-1RB#0-3000~20000-PASS



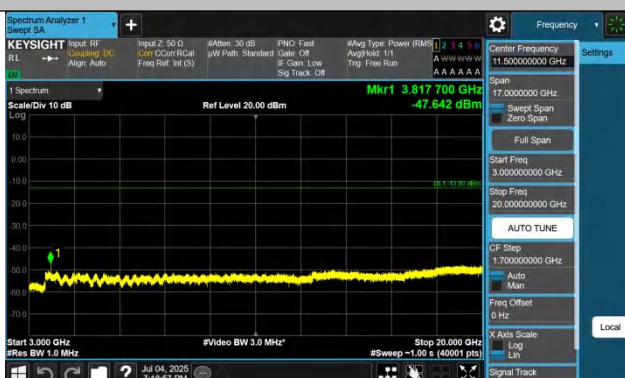
Band2-1.4MHz-QPSK-19193-1RB#0-0.009~0.15-PASS



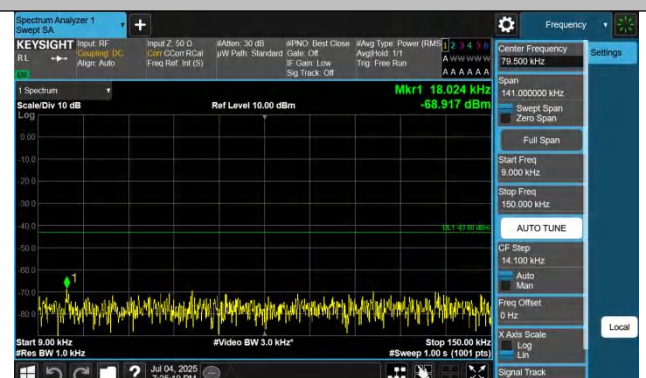
Band2-1.4MHz-QPSK-19193-1RB#0-0.15~30-PASS



Band2-1.4MHz-QPSK-19193-1RB#0-30~1000-PASS

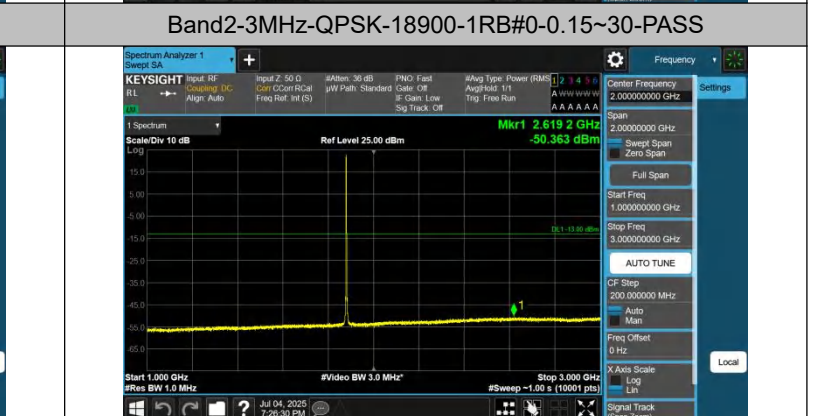
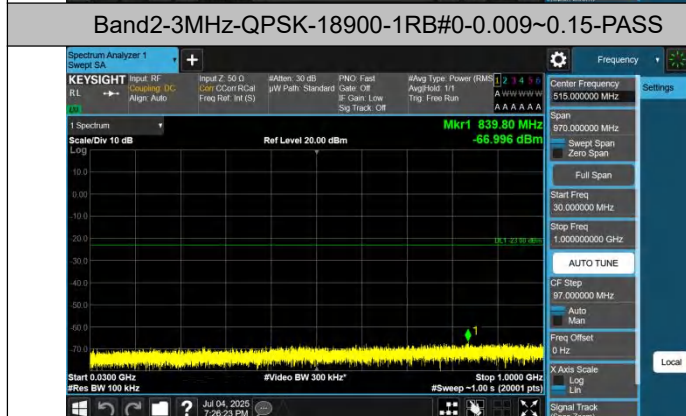
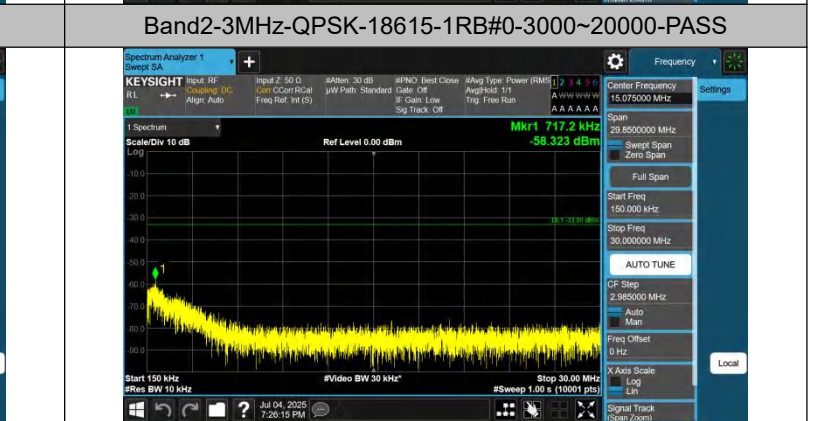
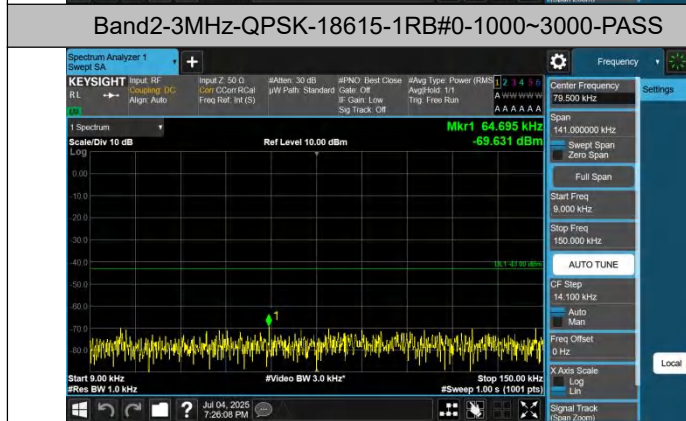
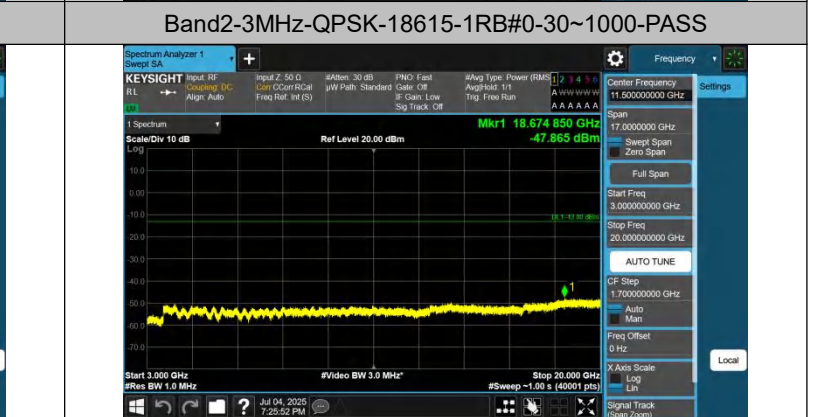
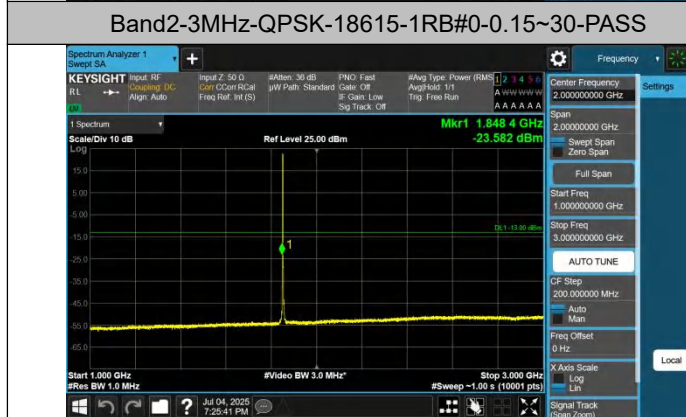
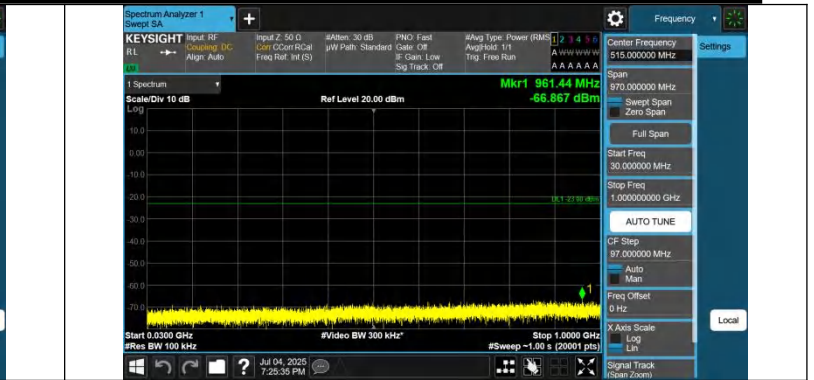


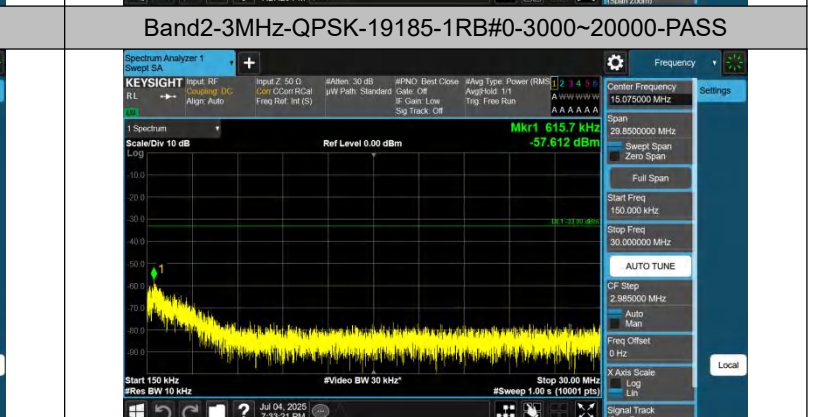
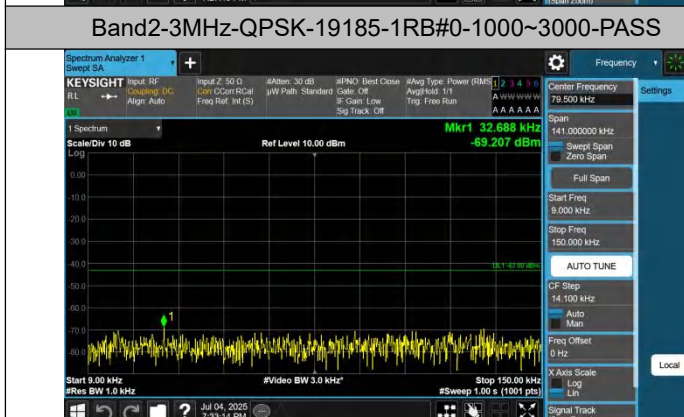
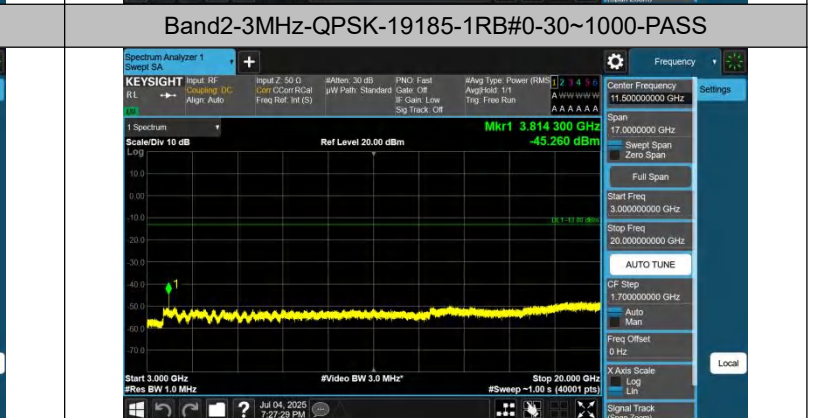
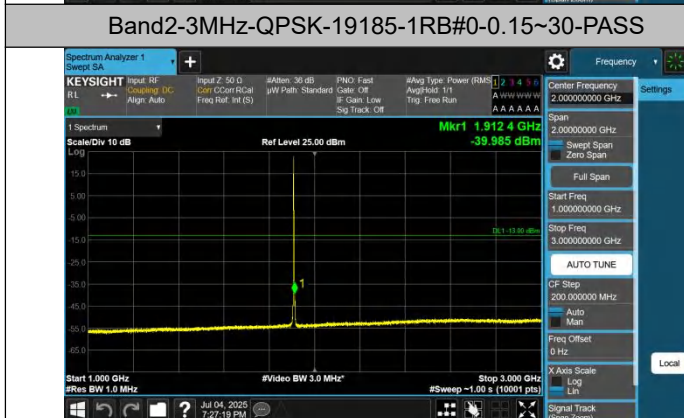
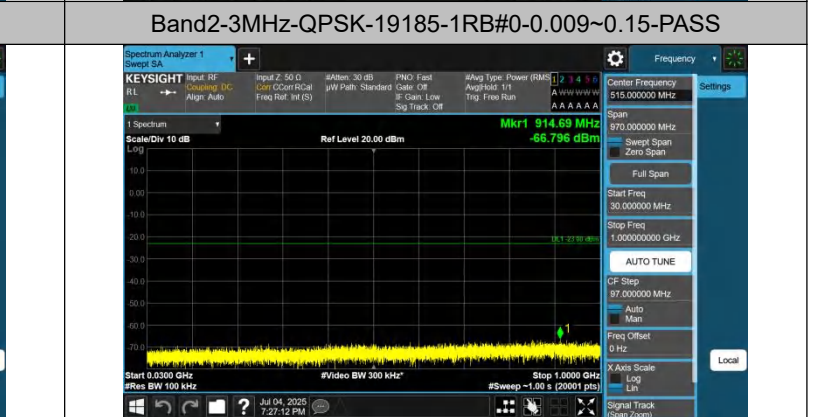
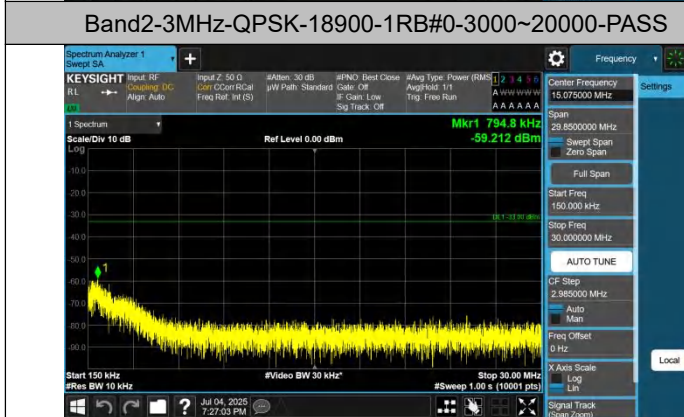
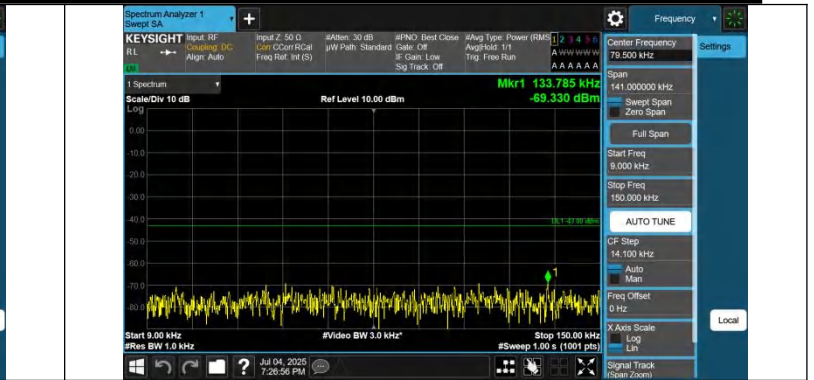
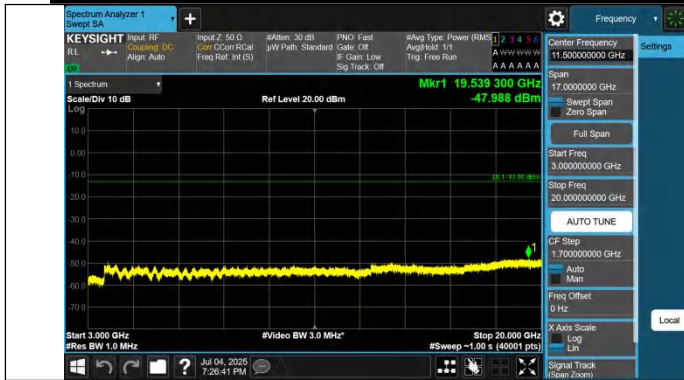
Band2-1.4MHz-QPSK-19193-1RB#0-1000~3000-PASS

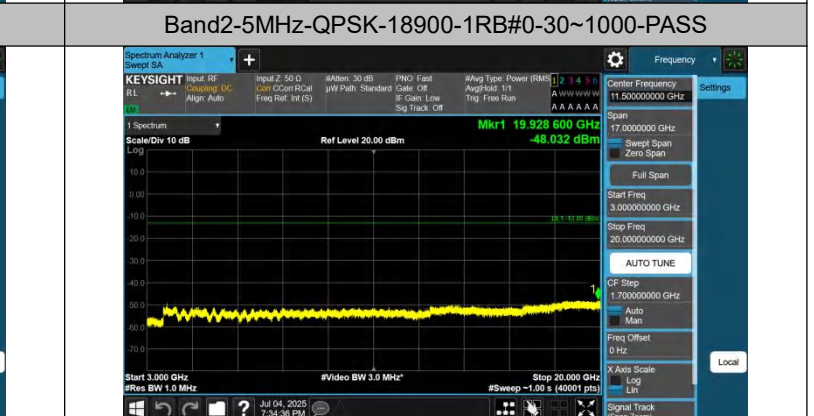
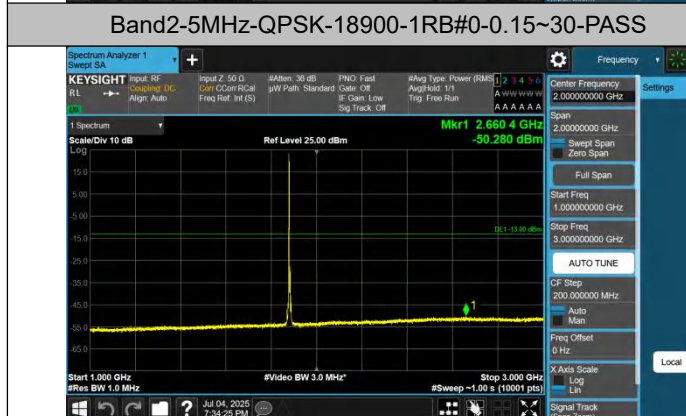
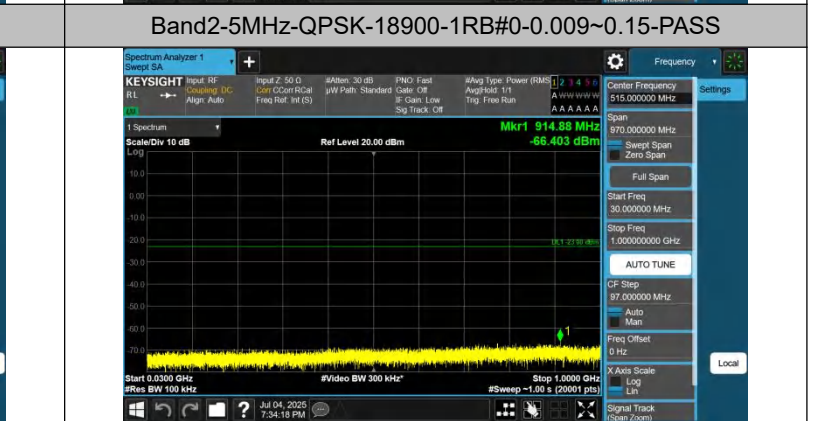
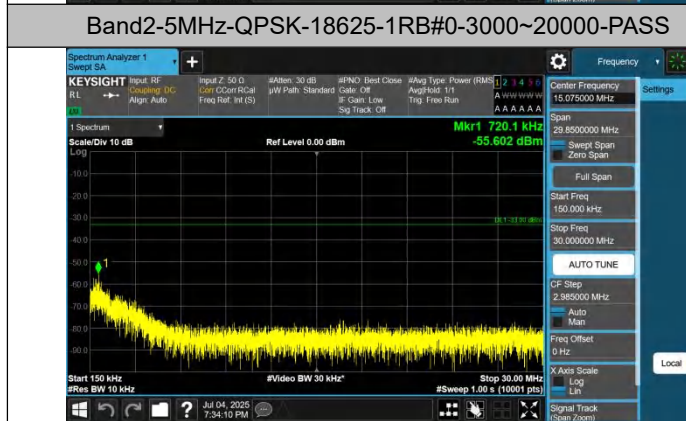
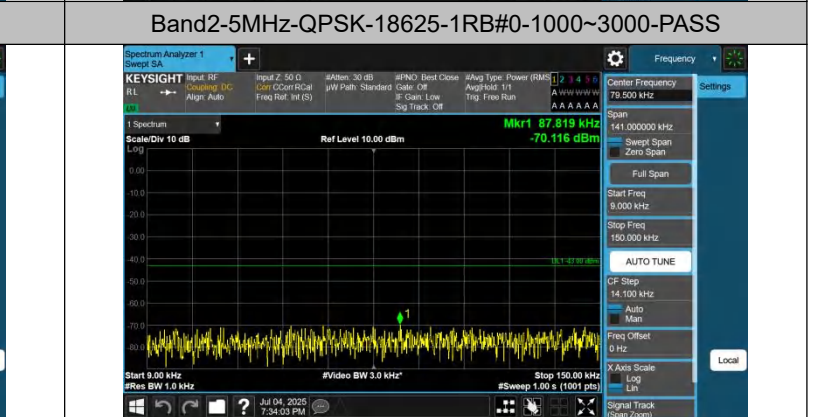
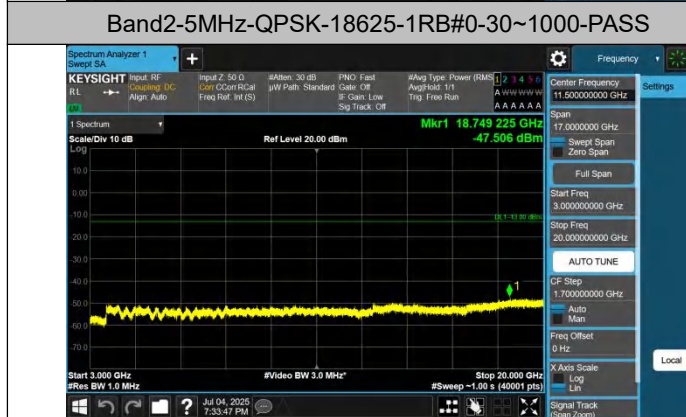
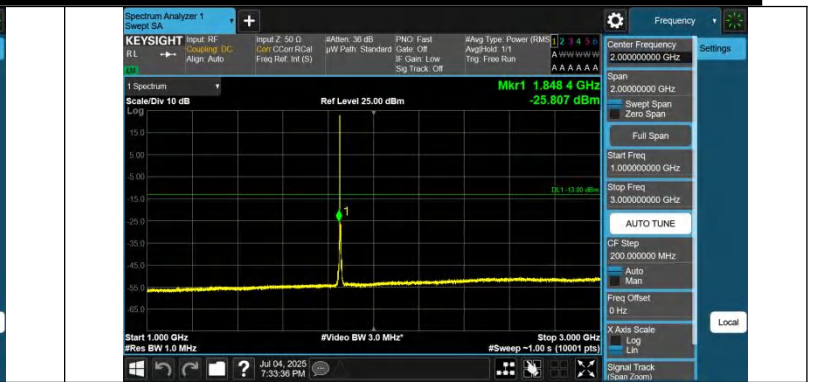
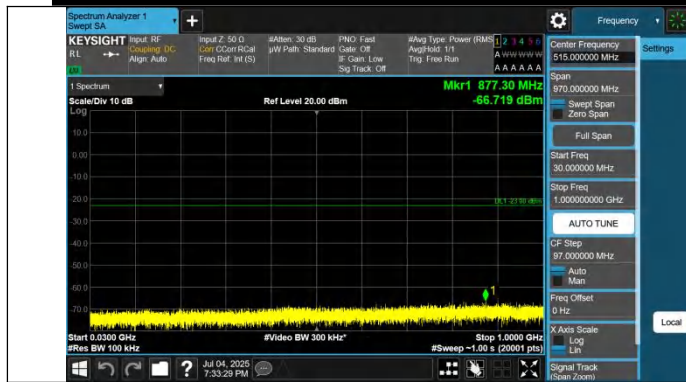


Band2-1.4MHz-QPSK-19193-1RB#0-3000~20000-PASS

Band2-3MHz-QPSK-18615-1RB#0-0.009~0.15-PASS

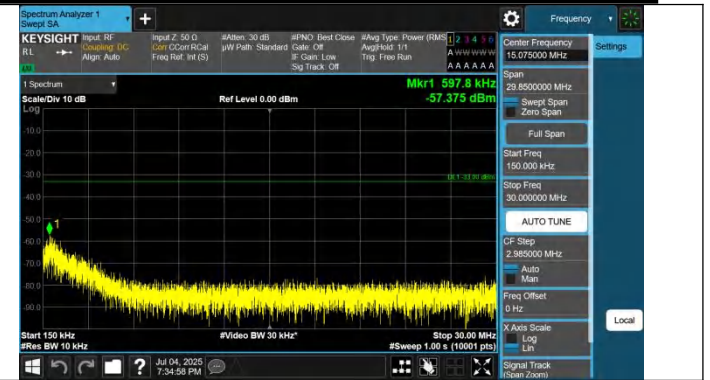




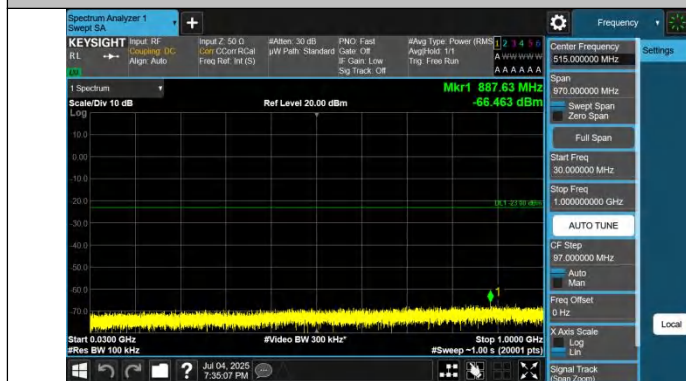




Band2-5MHz-QPSK-19175-1RB#0-0.009~0.15-PASS



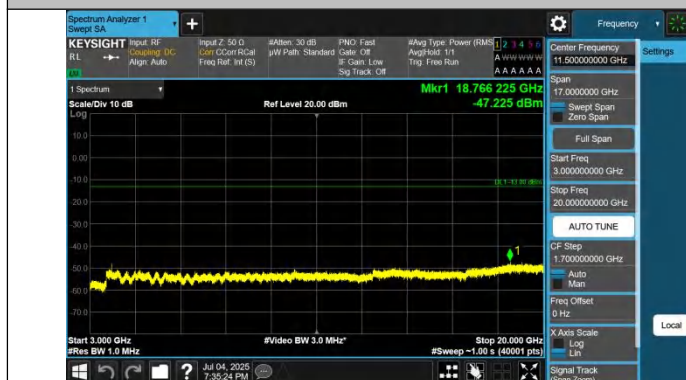
Band2-5MHz-QPSK-19175-1RB#0-0.15~30-PASS



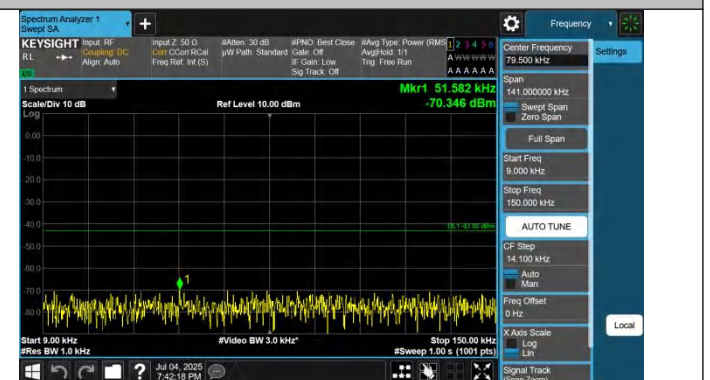
Band2-5MHz-QPSK-19175-1RB#0-30~1000-PASS



Band2-5MHz-QPSK-19175-1RB#0-1000~3000-PASS



Band2-5MHz-QPSK-19175-1RB#0-3000~20000-PASS



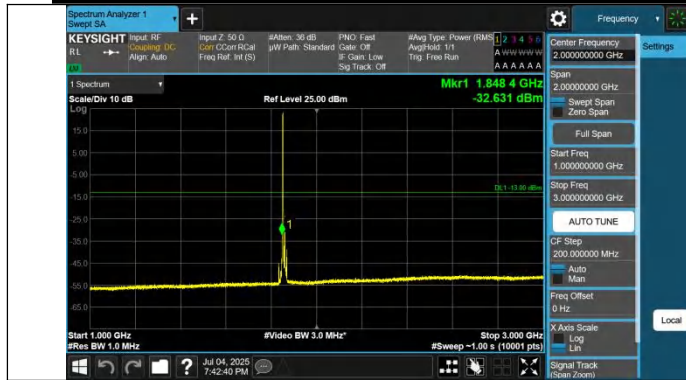
Band2-10MHz-QPSK-18650-1RB#0-0.009~0.15-PASS



Band2-10MHz-QPSK-18650-1RB#0-0.15~30-PASS



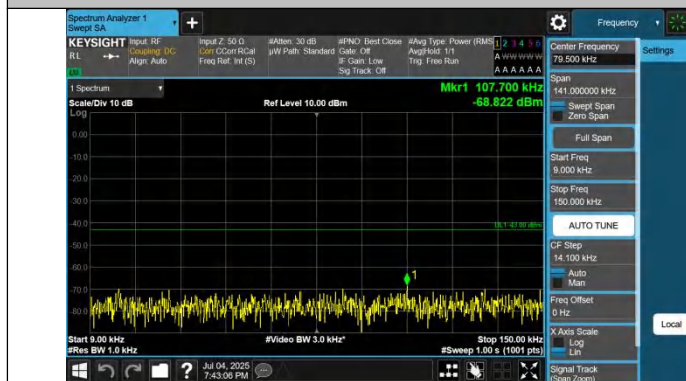
Band2-10MHz-QPSK-18650-1RB#0-30~1000-PASS



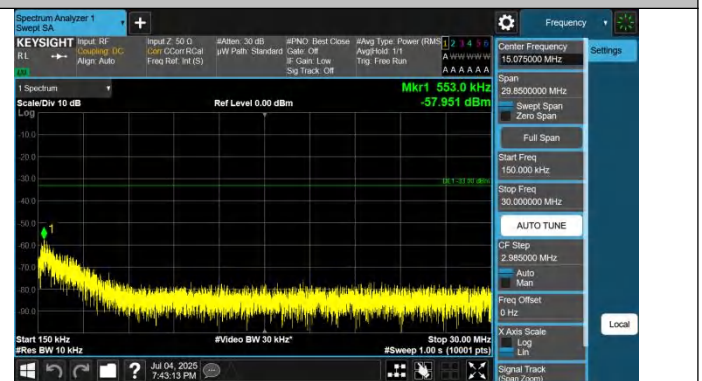
Band2-10MHz-QPSK-18650-1RB#0-1000~3000-PASS



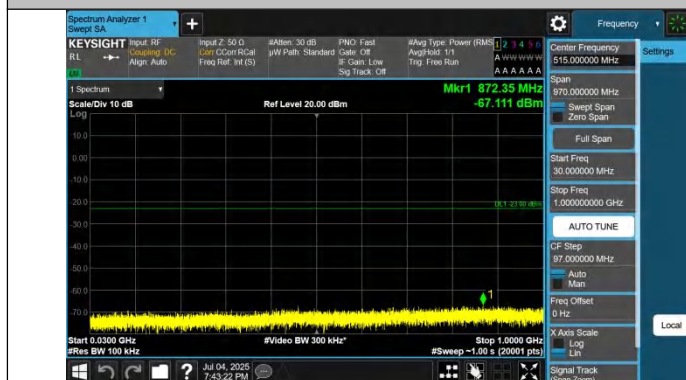
Band2-10MHz-QPSK-18650-1RB#0-3000~20000-PASS



Band2-10MHz-QPSK-18900-1RB#0-0.009~0.15-PASS



Band2-10MHz-QPSK-18900-1RB#0-0.15~30-PASS



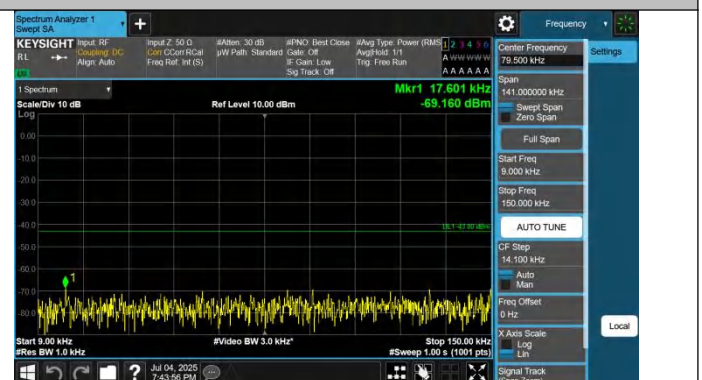
Band2-10MHz-QPSK-18900-1RB#0-30~1000-PASS



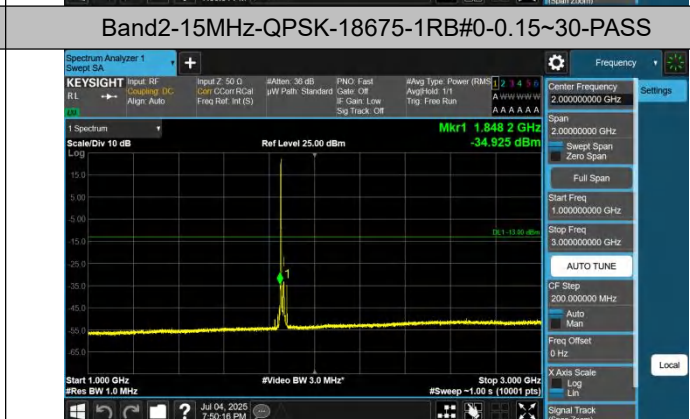
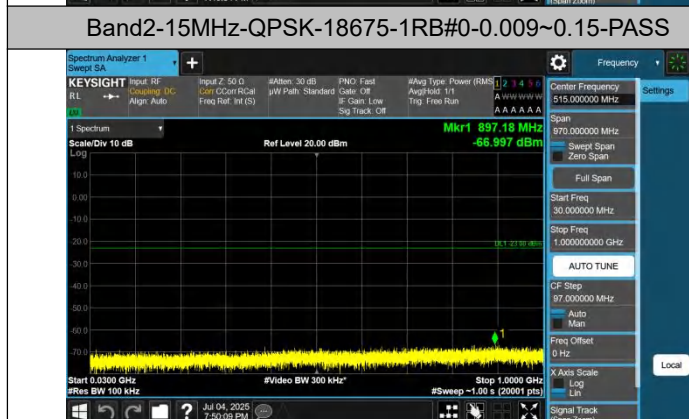
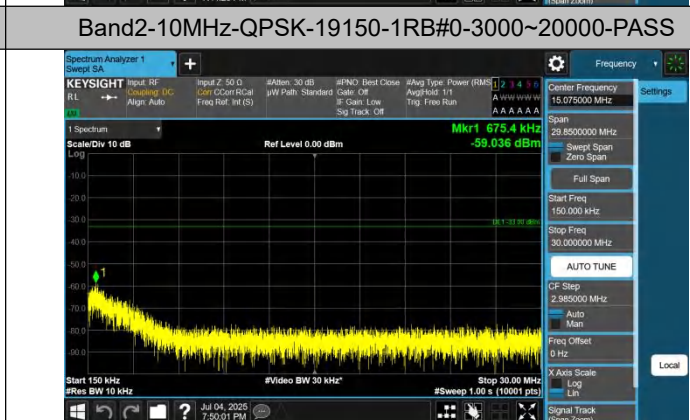
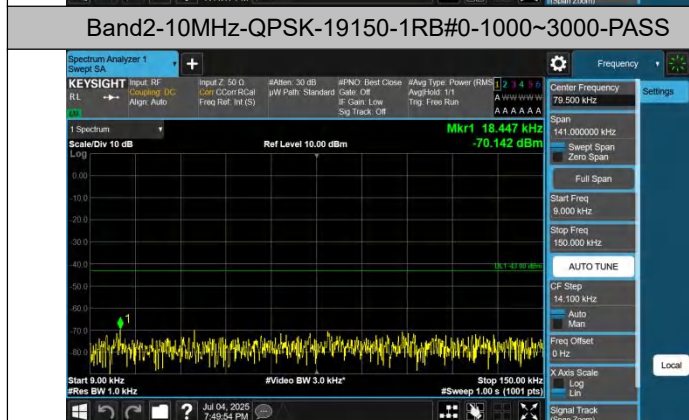
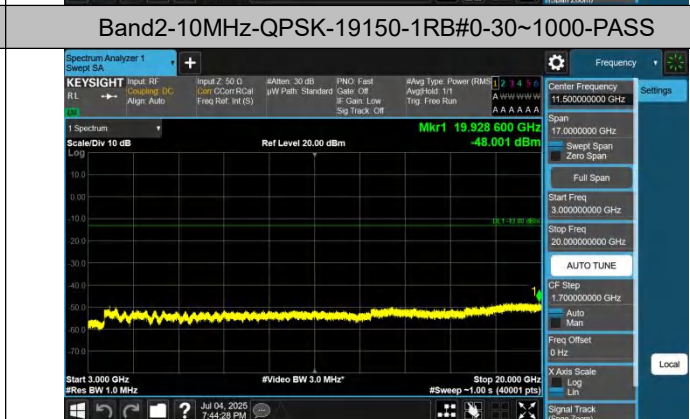
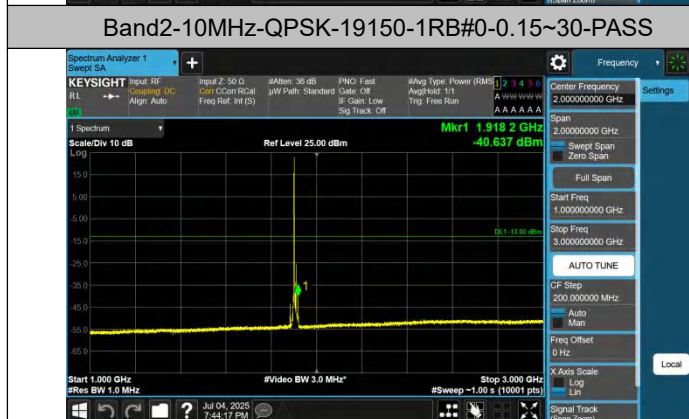
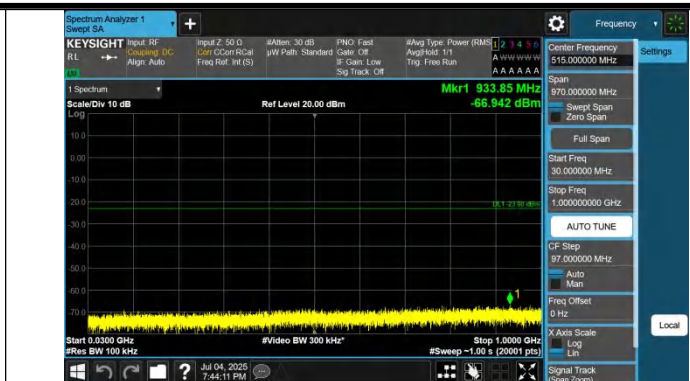
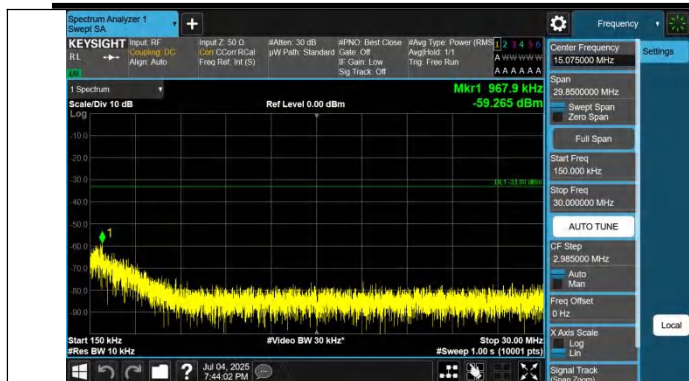
Band2-10MHz-QPSK-18900-1RB#0-1000~3000-PASS



Band2-10MHz-QPSK-18900-1RB#0-3000~20000-PASS

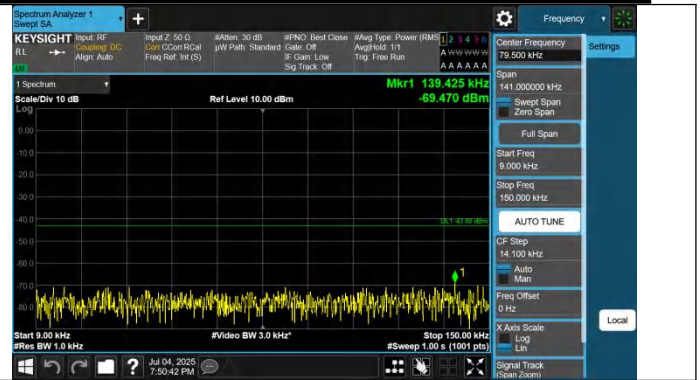


Band2-10MHz-QPSK-19150-1RB#0-0.009~0.15-PASS

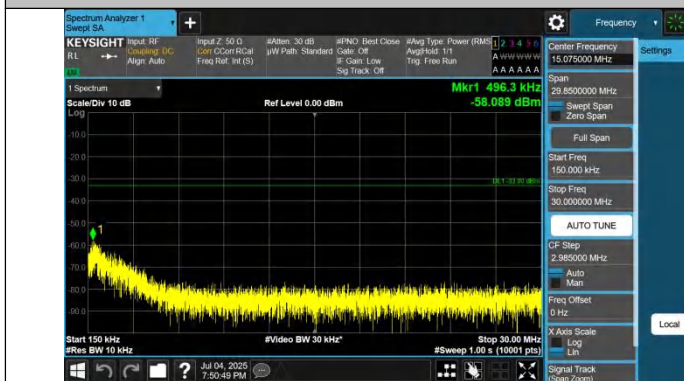




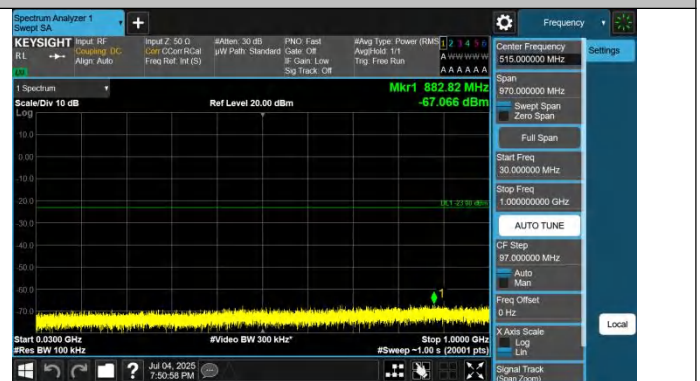
Band2-15MHz-QPSK-18675-1RB#0-3000~20000-PASS



Band2-15MHz-QPSK-18900-1RB#0-0.009~0.15-PASS



Band2-15MHz-QPSK-18900-1RB#0-0.15~30-PASS



Band2-15MHz-QPSK-18900-1RB#0-30~1000-PASS



Band2-15MHz-QPSK-18900-1RB#0-1000~3000-PASS



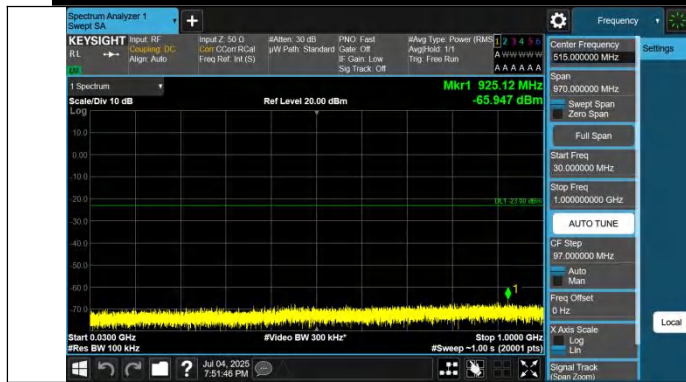
Band2-15MHz-QPSK-18900-1RB#0-3000~20000-PASS



Band2-15MHz-QPSK-19125-1RB#0-0.009~0.15-PASS



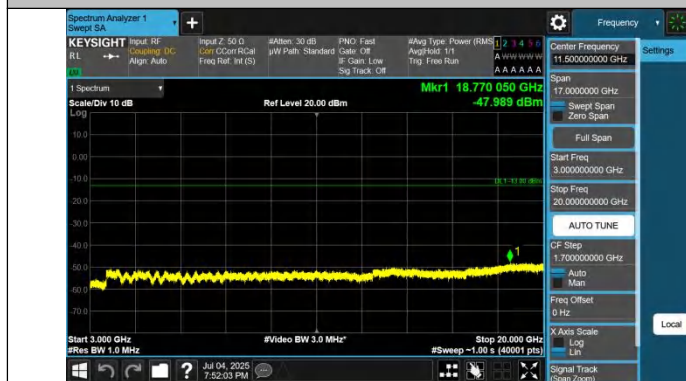
Band2-15MHz-QPSK-19125-1RB#0-0.15~30-PASS



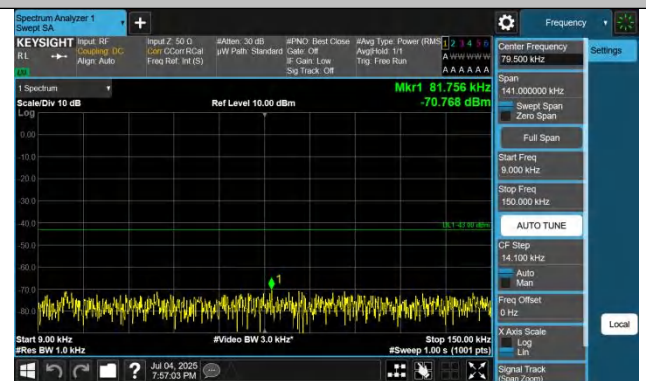
Band2-15MHz-QPSK-19125-1RB#0-30~1000-PASS



Band2-15MHz-QPSK-19125-1RB#0-1000~3000-PASS



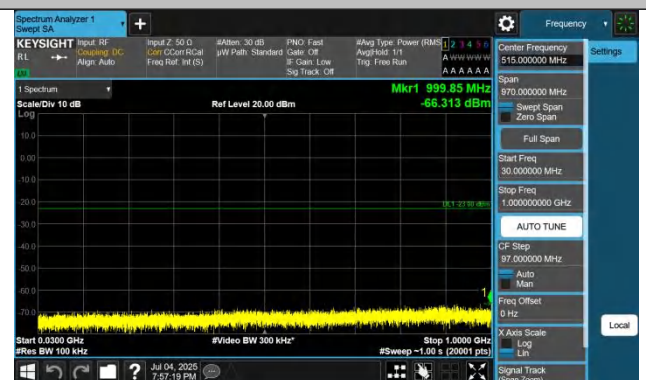
Band2-15MHz-QPSK-19125-1RB#0-3000~20000-PASS



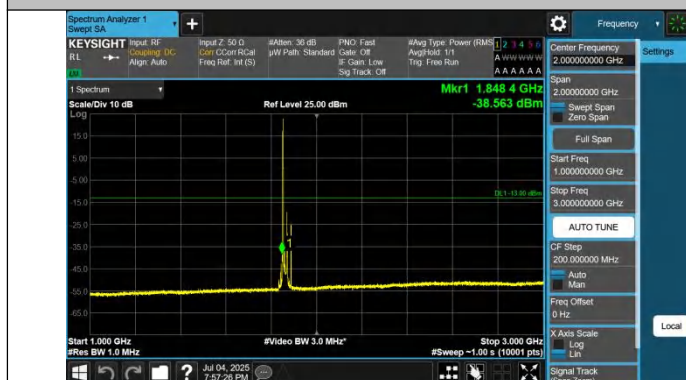
Band2-20MHz-QPSK-18700-1RB#0-0.009~0.15-PASS



Band2-20MHz-QPSK-18700-1RB#0-0.15~30-PASS



Band2-20MHz-QPSK-18700-1RB#0-30~1000-PASS



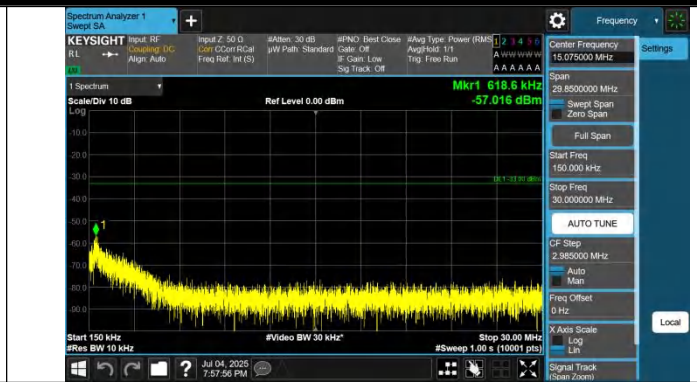
Band2-20MHz-QPSK-18700-1RB#0-1000~3000-PASS



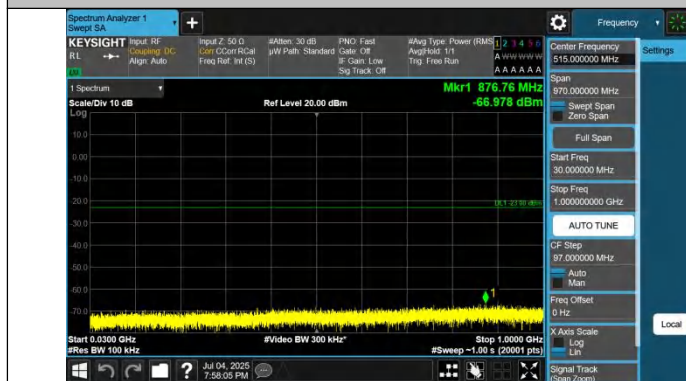
Band2-20MHz-QPSK-18700-1RB#0-3000~20000-PASS



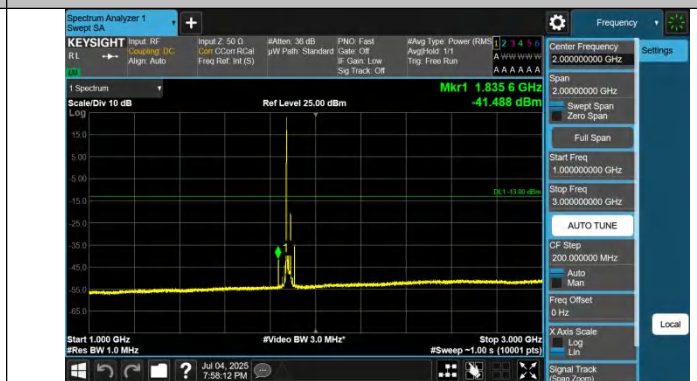
Band2-20MHz-QPSK-18900-1RB#0-0.009~0.15-PASS



Band2-20MHz-QPSK-18900-1RB#0-0.15~30-PASS



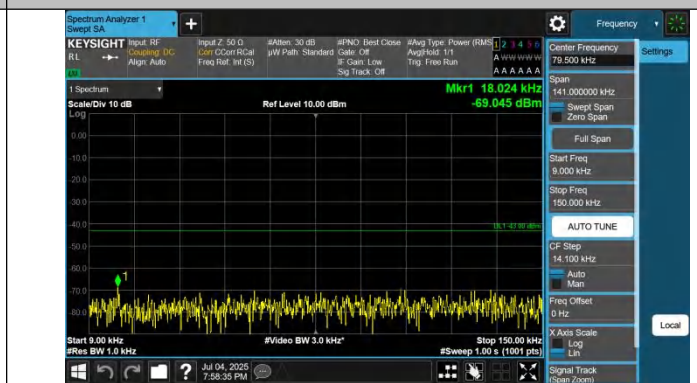
Band2-20MHz-QPSK-18900-1RB#0-30~1000-PASS



Band2-20MHz-QPSK-18900-1RB#0-1000~3000-PASS



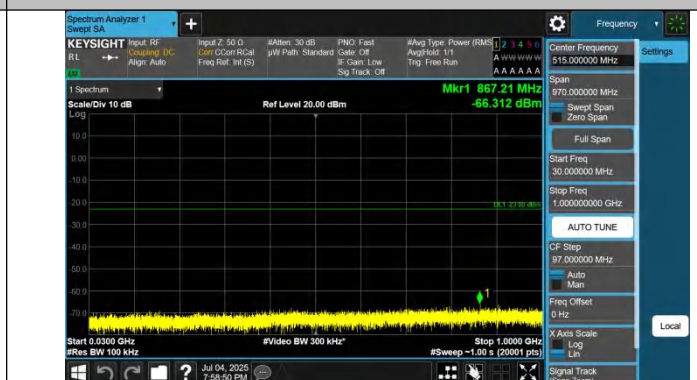
Band2-20MHz-QPSK-18900-1RB#0-3000~20000-PASS



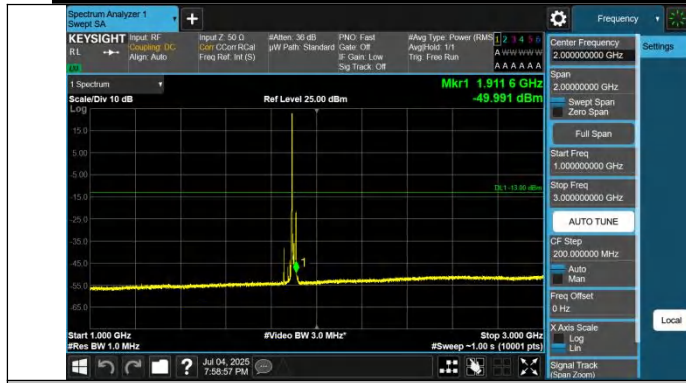
Band2-20MHz-QPSK-19100-1RB#0-0.009~0.15-PASS



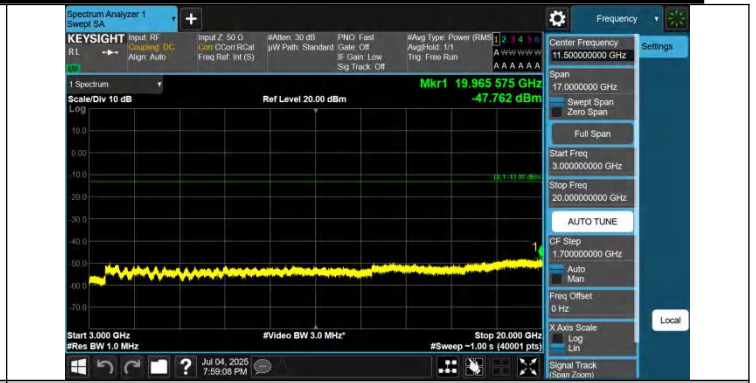
Band2-20MHz-QPSK-19100-1RB#0-0.15~30-PASS



Band2-20MHz-QPSK-19100-1RB#0-30~1000-PASS



Band2-20MHz-QPSK-19100-1RB#0-1000~3000-PASS



Band2-20MHz-QPSK-19100-1RB#0-3000~20000-PASS

## Frequency Stability

### Test Result

| Voltage |           |            |         |                  |               |                  |                |                 |             |            |            |             |         |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|------------|------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | FL (MHz)   | FH (MHz)   | Limit (MHz) | Verdict |
| Band 2  | 20MHz     | QPSK       | 18900   | 100RB#0          | VN            | NT               | 26900.00       | 14.308511       | ±NA         | 1871.0979  | 1888.9559  | 1850-1910   | PASS    |
| Band 2  | 20MHz     | QPSK       | 18900   | 100RB#0          | VL            | NT               | 18330.00       | 9.750000        | ±NA         | 1871.07833 | 1888.95833 | 1850-1910   | PASS    |
| Band 2  | 20MHz     | QPSK       | 18900   | 100RB#0          | VH            | NT               | 18650.00       | 9.920213        | ±NA         | 1871.08365 | 1888.95365 | 1850-1910   | PASS    |

| Temperature |           |            |         |                  |               |                  |                |                 |             |            |            |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|------------|------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | FL (MHz)   | FH (MHz)   | Limit (MHz) | Verdict |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | -30              | 15450.00       | 8.218085        | ±NA         | 1871.07845 | 1888.95245 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | -20              | 20870.00       | 11.101064       | ±NA         | 1871.08787 | 1888.95387 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | -10              | 17930.00       | 9.537234        | ±NA         | 1871.08093 | 1888.95493 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 0                | 15730.00       | 8.367021        | ±NA         | 1871.07373 | 1888.95773 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 10               | 20450.00       | 10.877660       | ±NA         | 1871.08395 | 1888.95695 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 20               | 17790.00       | 9.462766        | ±NA         | 1871.07629 | 1888.95929 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 30               | 19740.00       | 10.500000       | ±NA         | 1871.08374 | 1888.95574 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 40               | 15810.00       | 8.409574        | ±NA         | 1871.07981 | 1888.95181 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 50               | 14980.00       | 7.968085        | ±NA         | 1871.07448 | 1888.95548 | 1850-1910   | PASS    |

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