

## Appendix A: Effective (Isotropic) Radiated Power Output Data for M1

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Size | RB Start | NB Index | Conducted Power(dBm) | EIRP(dBm) | Verdict |
|--------|-----------|------------|---------|---------|----------|----------|----------------------|-----------|---------|
| Band 2 | 1.4MHz    | QPSK       | 18607   | 1       | 0        | Low      | 22.28                | 24.15     | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18607   | 1       | 5        | Low      | 22.33                | 24.2      | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18607   | 1       | 0        | Low      | 19.42                | 21.29     | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18607   | 1       | 5        | Low      | 19.47                | 21.34     | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18607   | 5       | 0        | Low      | 18.28                | 20.15     | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18900   | 1       | 0        | Low      | 22.18                | 24.05     | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18900   | 1       | 5        | Low      | 22.2                 | 24.07     | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18900   | 1       | 5        | Low      | 18.75                | 20.62     | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18900   | 1       | 0        | Low      | 18.64                | 20.51     | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18900   | 5       | 0        | Low      | 17.73                | 19.6      | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 19193   | 1       | 0        | High     | 22.46                | 24.33     | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 19193   | 1       | 5        | High     | 22.48                | 24.35     | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 19193   | 1       | 0        | High     | 18.73                | 20.6      | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 19193   | 1       | 5        | High     | 18.87                | 20.74     | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 19193   | 5       | 1        | High     | 17.77                | 19.64     | PASS    |
| Band 2 | 3MHz      | QPSK       | 18615   | 1       | 0        | Low      | 22.1                 | 23.97     | PASS    |
| Band   | 3MHz      | QPSK       | 18615   | 1       | 5        | Low      | 22.23                | 24.1      | PASS    |

|        |      |       |       |   |   |      |       |       |      |
|--------|------|-------|-------|---|---|------|-------|-------|------|
| 2      |      |       |       |   |   |      |       |       |      |
| Band 2 | 3MHz | 16QAM | 18615 | 1 | 0 | Low  | 19.28 | 21.15 | PASS |
| Band 2 | 3MHz | 16QAM | 18615 | 1 | 5 | Low  | 19.37 | 21.24 | PASS |
| Band 2 | 3MHz | 16QAM | 18615 | 5 | 0 | Low  | 18.12 | 19.99 | PASS |
| Band 2 | 3MHz | QPSK  | 18900 | 1 | 0 | Low  | 21.99 | 23.86 | PASS |
| Band 2 | 3MHz | QPSK  | 18900 | 1 | 5 | Low  | 22.08 | 23.95 | PASS |
| Band 2 | 3MHz | 16QAM | 18900 | 1 | 0 | Low  | 18.66 | 20.53 | PASS |
| Band 2 | 3MHz | 16QAM | 18900 | 1 | 5 | Low  | 18.48 | 20.35 | PASS |
| Band 2 | 3MHz | 16QAM | 18900 | 5 | 0 | Low  | 17.6  | 19.47 | PASS |
| Band 2 | 3MHz | QPSK  | 19185 | 1 | 0 | High | 22.31 | 24.18 | PASS |
| Band 2 | 3MHz | QPSK  | 19185 | 1 | 5 | High | 22.35 | 24.22 | PASS |
| Band 2 | 3MHz | 16QAM | 19185 | 1 | 5 | High | 18.51 | 20.38 | PASS |
| Band 2 | 3MHz | 16QAM | 19185 | 1 | 0 | High | 18.65 | 20.52 | PASS |
| Band 2 | 3MHz | 16QAM | 19185 | 5 | 1 | High | 17.66 | 19.53 | PASS |
| Band 2 | 5MHz | QPSK  | 18625 | 1 | 0 | Low  | 22.07 | 23.94 | PASS |
| Band 2 | 5MHz | QPSK  | 18625 | 1 | 5 | Low  | 22.17 | 24.04 | PASS |
| Band 2 | 5MHz | 16QAM | 18625 | 1 | 0 | Low  | 19.25 | 21.12 | PASS |
| Band 2 | 5MHz | 16QAM | 18625 | 1 | 5 | Low  | 19.3  | 21.17 | PASS |
| Band 2 | 5MHz | 16QAM | 18625 | 5 | 0 | Low  | 18.18 | 20.05 | PASS |
| Band 2 | 5MHz | QPSK  | 18900 | 1 | 0 | Low  | 22.07 | 23.94 | PASS |
| Band 2 | 5MHz | QPSK  | 18900 | 1 | 5 | Low  | 22.07 | 23.94 | PASS |
| Band 2 | 5MHz | 16QAM | 18900 | 1 | 0 | Low  | 18.6  | 20.47 | PASS |

|           |       |       |       |   |   |      |       |       |      |
|-----------|-------|-------|-------|---|---|------|-------|-------|------|
| Band<br>2 | 5MHz  | 16QAM | 18900 | 1 | 5 | Low  | 18.45 | 20.32 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 18900 | 5 | 0 | Low  | 17.52 | 19.39 | PASS |
| Band<br>2 | 5MHz  | QPSK  | 19175 | 1 | 0 | High | 22.38 | 24.25 | PASS |
| Band<br>2 | 5MHz  | QPSK  | 19175 | 1 | 5 | High | 22.31 | 24.18 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 19175 | 1 | 0 | High | 18.54 | 20.41 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 19175 | 1 | 5 | High | 18.67 | 20.54 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 19175 | 5 | 1 | High | 17.65 | 19.52 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18650 | 1 | 0 | Low  | 22.11 | 23.98 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18650 | 1 | 5 | Low  | 22.2  | 24.07 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18650 | 1 | 0 | Low  | 19.19 | 21.06 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18650 | 1 | 5 | Low  | 19.38 | 21.25 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18650 | 5 | 0 | Low  | 18.16 | 20.03 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18900 | 1 | 0 | Low  | 22.03 | 23.9  | PASS |
| Band<br>2 | 10MHz | QPSK  | 18900 | 1 | 5 | Low  | 22.09 | 23.96 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18900 | 1 | 0 | Low  | 18.65 | 20.52 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18900 | 1 | 5 | Low  | 18.49 | 20.36 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18900 | 5 | 0 | Low  | 17.59 | 19.46 | PASS |
| Band<br>2 | 10MHz | QPSK  | 19150 | 1 | 0 | High | 22.36 | 24.23 | PASS |
| Band<br>2 | 10MHz | QPSK  | 19150 | 1 | 5 | High | 22.35 | 24.22 | PASS |
| Band<br>2 | 10MHz | 16QAM | 19150 | 1 | 0 | High | 18.53 | 20.4  | PASS |
| Band<br>2 | 10MHz | 16QAM | 19150 | 1 | 5 | High | 18.63 | 20.5  | PASS |
| Band<br>2 | 10MHz | 16QAM | 19150 | 5 | 1 | High | 17.63 | 19.5  | PASS |

|           |       |       |       |   |   |      |       |       |      |
|-----------|-------|-------|-------|---|---|------|-------|-------|------|
| Band<br>2 | 15MHz | QPSK  | 18675 | 1 | 0 | Low  | 22.04 | 23.91 | PASS |
| Band<br>2 | 15MHz | QPSK  | 18675 | 1 | 5 | Low  | 22.21 | 24.08 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18675 | 1 | 0 | Low  | 19.24 | 21.11 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18675 | 1 | 5 | Low  | 19.35 | 21.22 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18675 | 5 | 0 | Low  | 18.18 | 20.05 | PASS |
| Band<br>2 | 15MHz | QPSK  | 18900 | 1 | 0 | Low  | 22.01 | 23.88 | PASS |
| Band<br>2 | 15MHz | QPSK  | 18900 | 1 | 5 | Low  | 22.08 | 23.95 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18900 | 1 | 0 | Low  | 18.65 | 20.52 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18900 | 1 | 5 | Low  | 18.46 | 20.33 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18900 | 5 | 0 | Low  | 17.54 | 19.41 | PASS |
| Band<br>2 | 15MHz | QPSK  | 19125 | 1 | 0 | High | 22.32 | 24.19 | PASS |
| Band<br>2 | 15MHz | QPSK  | 19125 | 1 | 5 | High | 22.33 | 24.2  | PASS |
| Band<br>2 | 15MHz | 16QAM | 19125 | 1 | 0 | High | 18.51 | 20.38 | PASS |
| Band<br>2 | 15MHz | 16QAM | 19125 | 1 | 5 | High | 18.63 | 20.5  | PASS |
| Band<br>2 | 15MHz | 16QAM | 19125 | 5 | 1 | High | 17.6  | 19.47 | PASS |
| Band<br>2 | 20MHz | QPSK  | 18700 | 1 | 0 | Low  | 22.11 | 23.98 | PASS |
| Band<br>2 | 20MHz | QPSK  | 18700 | 1 | 5 | Low  | 22.22 | 24.09 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18700 | 1 | 0 | Low  | 19.22 | 21.09 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18700 | 1 | 5 | Low  | 19.38 | 21.25 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18700 | 5 | 0 | Low  | 18.11 | 19.98 | PASS |
| Band<br>2 | 20MHz | QPSK  | 18900 | 1 | 0 | Low  | 22.06 | 23.93 | PASS |
| Band<br>2 | 20MHz | QPSK  | 18900 | 1 | 5 | Low  | 22.13 | 24    | PASS |

|           |       |       |       |   |   |      |       |       |      |
|-----------|-------|-------|-------|---|---|------|-------|-------|------|
| Band<br>2 | 20MHz | 16QAM | 18900 | 1 | 0 | Low  | 18.57 | 20.44 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18900 | 1 | 5 | Low  | 18.46 | 20.33 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18900 | 5 | 0 | Low  | 17.52 | 19.39 | PASS |
| Band<br>2 | 20MHz | QPSK  | 19100 | 1 | 0 | High | 22.49 | 24.21 | PASS |
| Band<br>2 | 20MHz | QPSK  | 19100 | 1 | 5 | High | 22.4  | 24.27 | PASS |
| Band<br>2 | 20MHz | 16QAM | 19100 | 1 | 0 | High | 18.53 | 20.4  | PASS |
| Band<br>2 | 20MHz | 16QAM | 19100 | 1 | 5 | High | 18.63 | 20.5  | PASS |
| Band<br>2 | 20MHz | 16QAM | 19100 | 5 | 1 | High | 17.65 | 19.52 | PASS |

## Appendix B: Peak-to-Average Ratio(CCDF) for M1

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Size | RB Start | NBIndex | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|---------|----------|---------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1       | 0        | Low     | 5.66       | <=13      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1       | 0        | Low     | 6.54       | <=13      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 5       | 0        | Low     | 6.53       | <=13      | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1       | 0        | Low     | 5.65       | <=13      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1       | 0        | Low     | 6.79       | <=13      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 5       | 0        | Low     | 6.61       | <=13      | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1       | 5        | High    | 5.63       | <=13      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1       | 5        | High    | 7.07       | <=13      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 5       | 1        | High    | 6.60       | <=13      | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1       | 0        | Low     | 5.30       | <=13      | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1       | 0        | Low     | 6.47       | <=13      | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 5       | 0        | Low     | 6.58       | <=13      | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1       | 0        | Low     | 5.37       | <=13      | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 1       | 0        | Low     | 6.35       | <=13      | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 5       | 0        | Low     | 6.65       | <=13      | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1       | 5        | High    | 5.54       | <=13      | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 1       | 5        | High    | 6.74       | <=13      | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 5       | 1        | High    | 6.68       | <=13      | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 1       | 0        | Low     | 5.75       | <=13      | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 1       | 0        | Low     | 6.51       | <=13      | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 5       | 0        | Low     | 6.82       | <=13      | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 1       | 0        | Low     | 5.67       | <=13      | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 1       | 0        | Low     | 6.83       | <=13      | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 5       | 0        | Low     | 7.00       | <=13      | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 1       | 5        | High    | 5.36       | <=13      | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 1       | 5        | High    | 7.43       | <=13      | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 5       | 1        | High    | 7.03       | <=13      | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 1       | 0        | Low     | 7.85       | <=13      | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 1       | 0        | Low     | 8.40       | <=13      | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 5       | 0        | Low     | 7.04       | <=13      | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 1       | 0        | Low     | 7.70       | <=13      | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 1       | 0        | Low     | 8.70       | <=13      | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 5       | 0        | Low     | 7.08       | <=13      | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 1       | 5        | High    | 7.08       | <=13      | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 1       | 5        | High    | 8.21       | <=13      | PASS    |

|       |       |       |       |   |   |      |       |      |      |
|-------|-------|-------|-------|---|---|------|-------|------|------|
| Band2 | 10MHz | 16QAM | 19150 | 5 | 1 | High | 7.24  | <=13 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1 | 0 | Low  | 10.15 | <=13 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1 | 0 | Low  | 10.67 | <=13 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 5 | 0 | Low  | 11.12 | <=13 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1 | 0 | Low  | 9.21  | <=13 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1 | 0 | Low  | 9.77  | <=13 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 5 | 0 | Low  | 9.86  | <=13 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1 | 5 | High | 8.41  | <=13 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1 | 5 | High | 8.42  | <=13 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 5 | 1 | High | 8.55  | <=13 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1 | 0 | Low  | 8.30  | <=13 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1 | 0 | Low  | 8.48  | <=13 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 5 | 0 | Low  | 8.93  | <=13 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1 | 0 | Low  | 8.10  | <=13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1 | 0 | Low  | 8.89  | <=13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 5 | 0 | Low  | 8.87  | <=13 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1 | 5 | High | 7.74  | <=13 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1 | 5 | High | 8.57  | <=13 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 5 | 1 | High | 8.66  | <=13 | PASS |

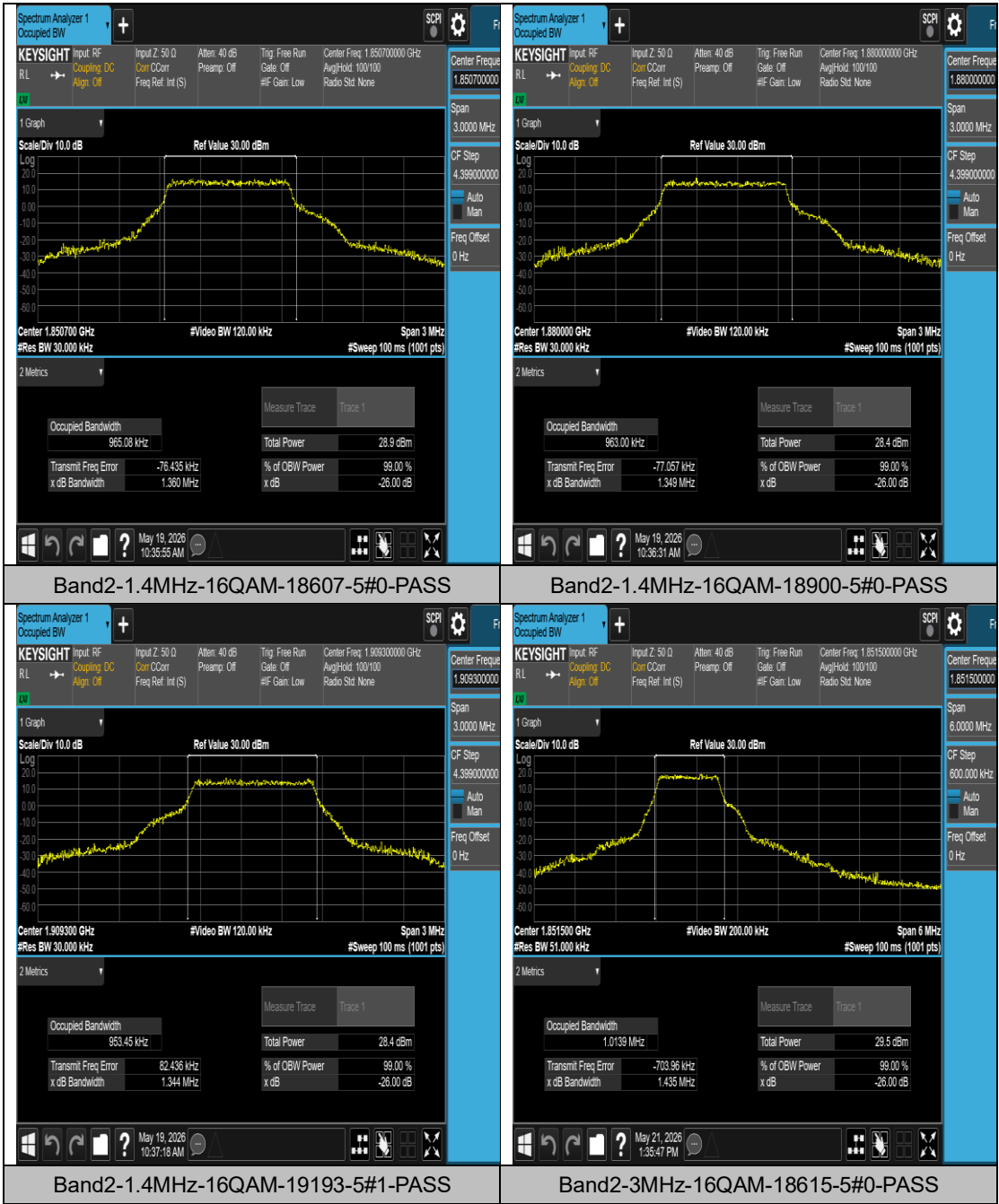
## Appendix C: 26dB Bandwidth and Occupied Bandwidth for M1

### Test Result

| Band   | Bandwidth<br>h | Modulation | Channel | RB<br>Size | RB<br>Start | NB<br>Index | Occupied<br>Bandwidth<br>h<br>(MHz) | 26dB<br>Bandwidth<br>h<br>(MHz) | Verdict |
|--------|----------------|------------|---------|------------|-------------|-------------|-------------------------------------|---------------------------------|---------|
| Band 2 | 1.4MHz         | 16QAM      | 18607   | 5          | 0           | Low         | 0.96508                             | 1.360                           | PASS    |
| Band 2 | 1.4MHz         | 16QAM      | 18900   | 5          | 0           | Low         | 0.96300                             | 1.349                           | PASS    |
| Band 2 | 1.4MHz         | 16QAM      | 19193   | 5          | 1           | High        | 0.95345                             | 1.344                           | PASS    |
| Band 2 | 3MHz           | 16QAM      | 18615   | 5          | 0           | Low         | 1.0139                              | 1.435                           | PASS    |
| Band 2 | 3MHz           | 16QAM      | 18900   | 5          | 0           | Low         | 1.0227                              | 1.412                           | PASS    |
| Band 2 | 3MHz           | 16QAM      | 19185   | 5          | 1           | High        | 1.0138                              | 1.398                           | PASS    |
| Band 2 | 5MHz           | 16QAM      | 18625   | 5          | 0           | Low         | 1.1284                              | 1.509                           | PASS    |
| Band 2 | 5MHz           | 16QAM      | 18900   | 5          | 0           | Low         | 1.1159                              | 1.491                           | PASS    |
| Band 2 | 5MHz           | 16QAM      | 19175   | 5          | 1           | High        | 1.1303                              | 1.479                           | PASS    |
| Band 2 | 10MHz          | 16QAM      | 18650   | 5          | 0           | Low         | 1.2916                              | 1.680                           | PASS    |
| Band 2 | 10MHz          | 16QAM      | 18900   | 5          | 0           | Low         | 1.3067                              | 1.691                           | PASS    |
| Band 2 | 10MHz          | 16QAM      | 19150   | 5          | 1           | High        | 1.2825                              | 1.636                           | PASS    |
| Band 2 | 15MHz          | 16QAM      | 18675   | 5          | 0           | Low         | 1.4470                              | 1.875                           | PASS    |
| Band 2 | 15MHz          | 16QAM      | 18900   | 5          | 0           | Low         | 1.4409                              | 1.861                           | PASS    |
| Band 2 | 15MHz          | 16QAM      | 19125   | 5          | 1           | High        | 1.4221                              | 1.848                           | PASS    |
| Band 2 | 20MHz          | 16QAM      | 18700   | 5          | 0           | Low         | 1.7529                              | 2.310                           | PASS    |
| Band 2 | 20MHz          | 16QAM      | 18900   | 5          | 0           | Low         | 1.7915                              | 2.391                           | PASS    |
| Band   | 20MHz          | 16QAM      | 19100   | 5          | 1           | High        | 1.7183                              | 2.264                           | PASS    |



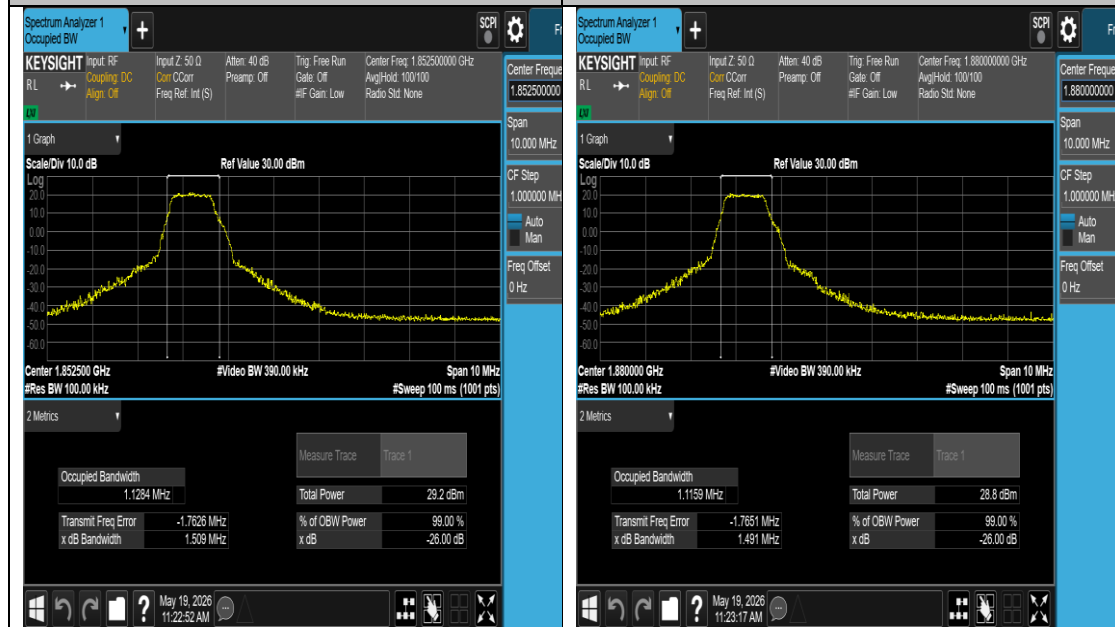
# Test Graphs





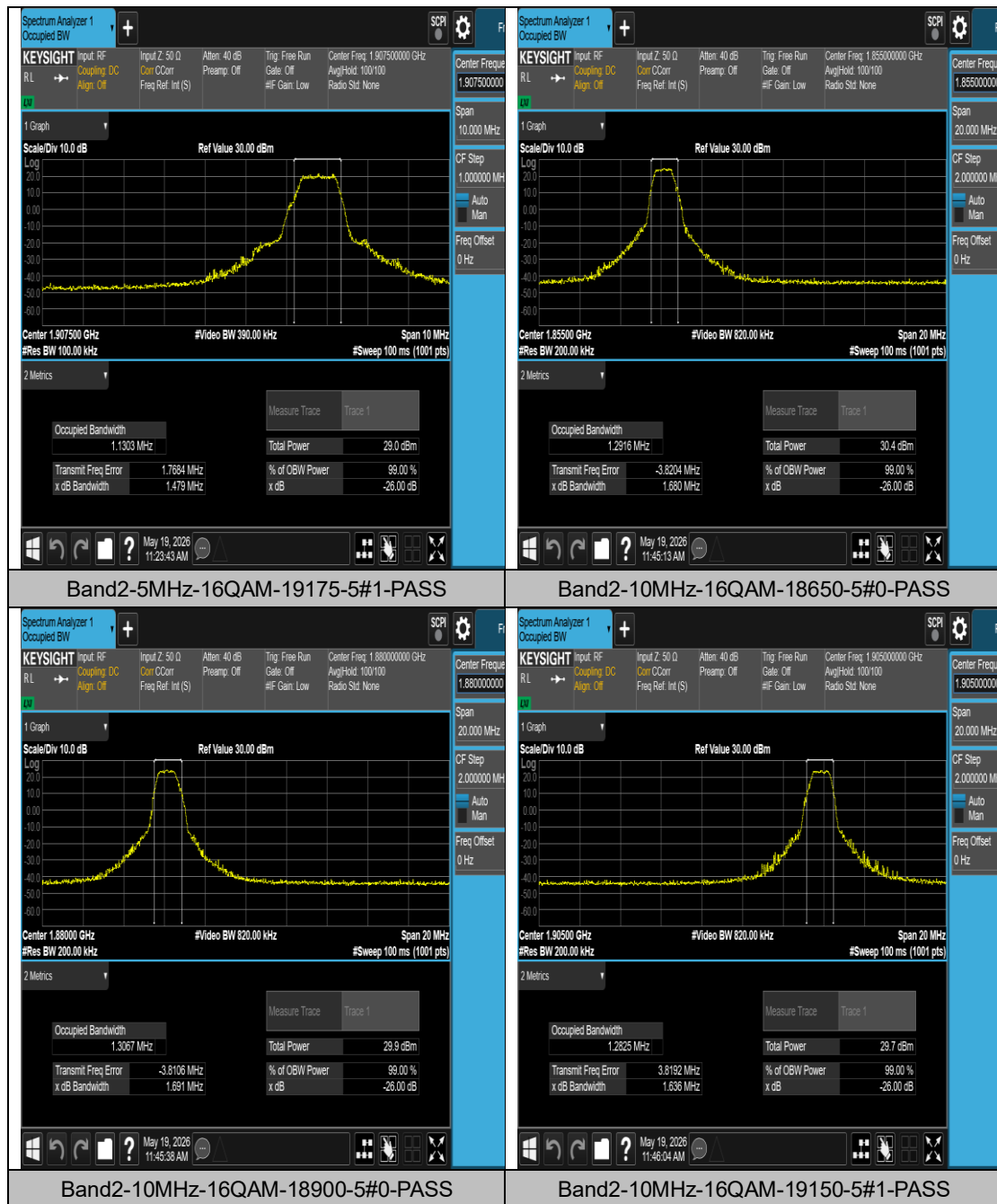
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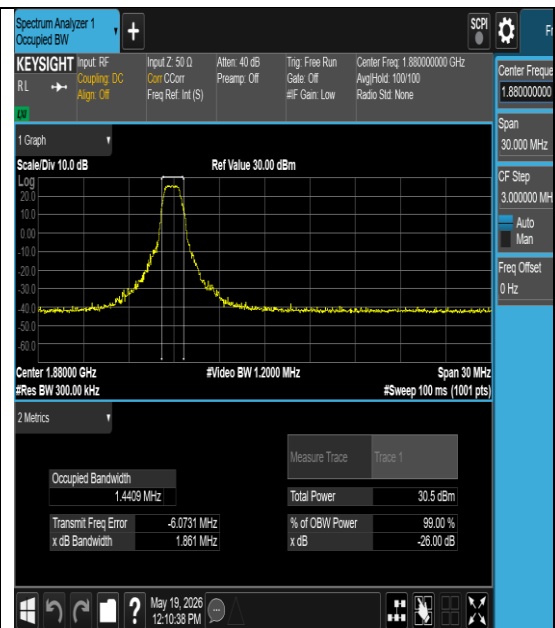
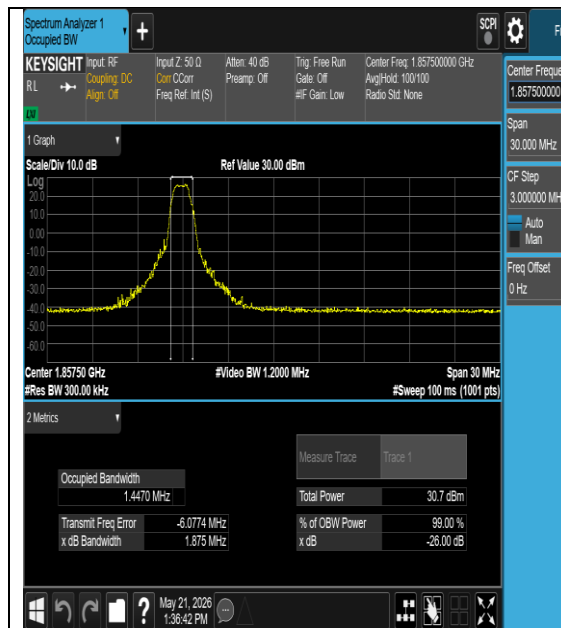
Band2-3MHz-16QAM-19185-5#1-PASS



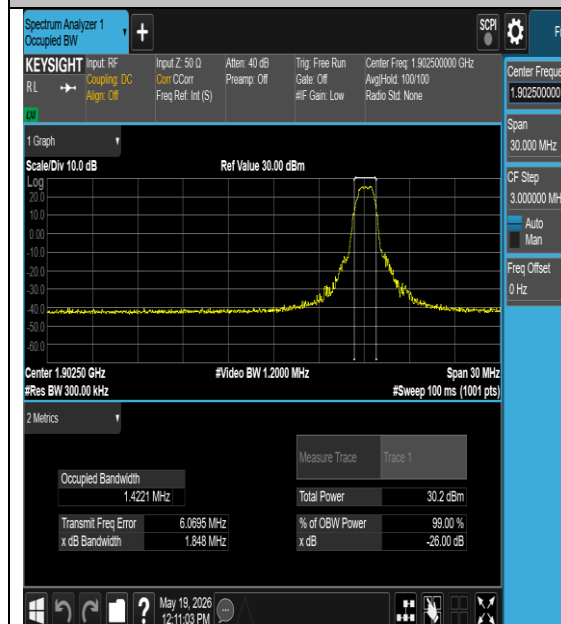
Band2-5MHz-16QAM-18625-5#0-PASS

Band2-5MHz-16QAM-18900-5#0-PASS

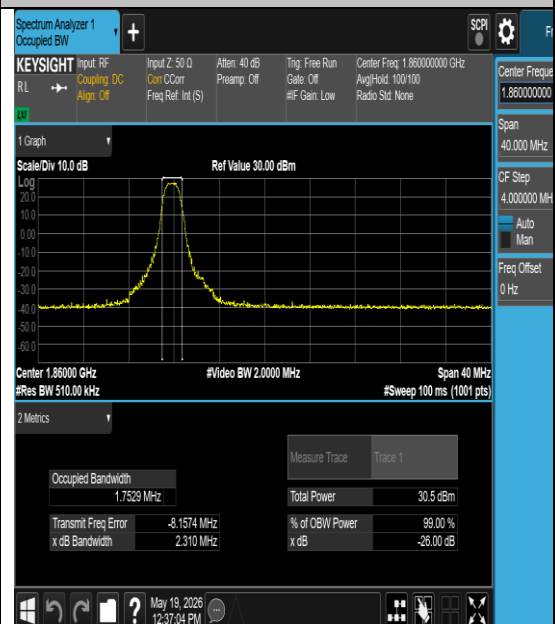




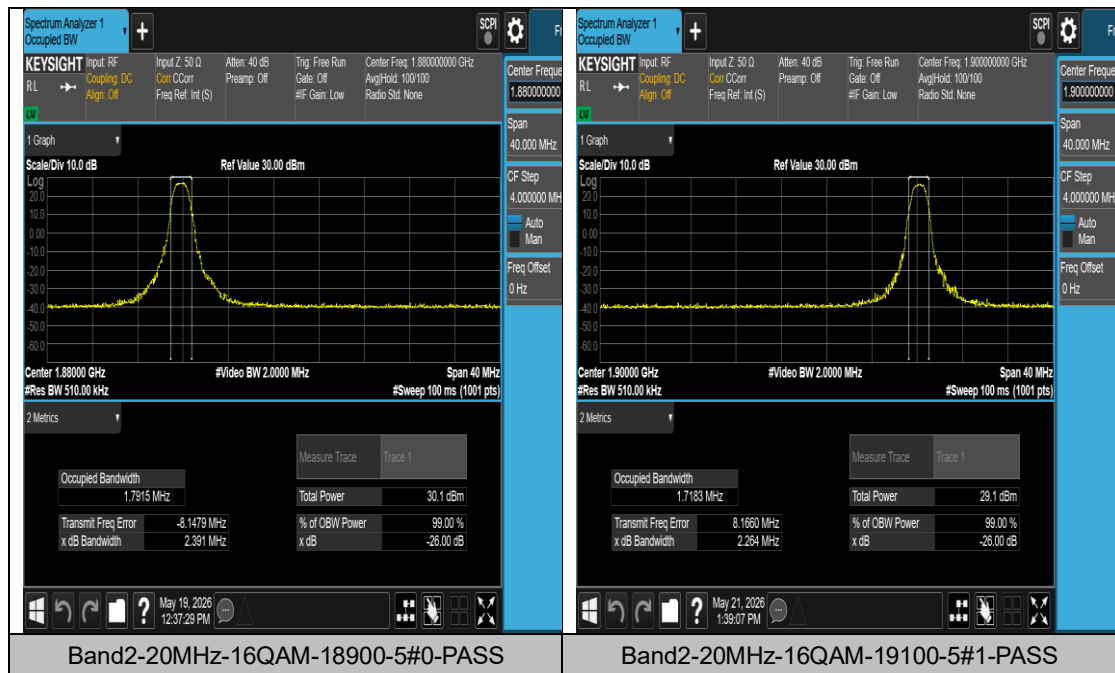
Band2-15MHz-16QAM-18675-5#0-PASS



Band2-15MHz-16QAM-19125-5#1-PASS



Band2-20MHz-16QAM-18700-5#0-PASS



## Appendix D: Band Edge for M1

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Size | RB Start | NB Index | Result(dBm) | Verdict |
|-------|-----------|------------|---------|---------|----------|----------|-------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1       | 0        | Low      | -22.11      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1       | 0        | Low      | -21.00      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 5       | 0        | Low      | -20.80      | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1       | 5        | High     | -51.21      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1       | 5        | High     | -50.81      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 5       | 1        | High     | -22.59      | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1       | 0        | Low      | -30.83      | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1       | 0        | Low      | -30.50      | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 5       | 0        | Low      | -33.05      | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1       | 5        | High     | -33.11      | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 1       | 5        | High     | -35.00      | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 5       | 1        | High     | -33.82      | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 1       | 0        | Low      | -26.32      | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 1       | 0        | Low      | -25.03      | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 5       | 0        | Low      | -27.14      | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 1       | 5        | High     | -29.08      | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 1       | 5        | High     | -29.76      | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 5       | 1        | High     | -30.10      | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 1       | 0        | Low      | -25.67      | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 1       | 0        | Low      | -22.61      | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 5       | 0        | Low      | -32.42      | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 1       | 5        | High     | -26.79      | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 1       | 5        | High     | -28.78      | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 5       | 1        | High     | -34.67      | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 1       | 0        | Low      | -28.20      | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 1       | 0        | Low      | -25.62      | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 5       | 0        | Low      | -34.92      | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 1       | 5        | High     | -29.09      | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 1       | 5        | High     | -31.11      | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 5       | 1        | High     | -38.99      | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1       | 0        | Low      | -40.43      | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1       | 0        | Low      | -37.11      | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 5       | 0        | Low      | -39.68      | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1       | 5        | High     | -39.73      | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1       | 5        | High     | -37.20      | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 5       | 1        | High     | -43.43      | PASS    |

The figure consists of four screenshots of a Spectrum Analyzer interface, arranged in a 2x2 grid. Each screenshot shows a different modulation scheme and its corresponding frequency spectrum plot. The plots show a central carrier frequency with sidebands and various spurs. The tables below each plot provide detailed measurements for the spurs, including frequency, amplitude, and limits.

**Top Left: Band2-1.4MHz-QPSK-18607-1#0-PASS**

Center Freq: 22.00500000 GHz  
CF Step: 4.399000000 Hz  
Scale/Div: 10.0 dB  
Ref Value: 25.00 dBm

| Spur | Range | Start Freq | Stop Freq  | RBW       | Frequency       | Amplitude  | ΔLimit    |
|------|-------|------------|------------|-----------|-----------------|------------|-----------|
| 1    | 1     | 1.8490 GHz | 1.8500 GHz | 15.00 kHz | 1.849983000 GHz | -22.11 dBm | -9.107 dB |
| 2    | 2     | 1.8500 GHz | 1.8514 GHz | 100.0 kHz | 1.850288000 GHz | 19.19 dBm  | -30.81 dB |

**Top Right: Band2-1.4MHz-16QAM-18607-1#0-PASS**

Center Freq: 22.00500000 GHz  
CF Step: 4.399000000 Hz  
Scale/Div: 10.0 dB  
Ref Value: 25.00 dBm

| Spur | Range | Start Freq | Stop Freq  | RBW       | Frequency       | Amplitude  | ΔLimit    |
|------|-------|------------|------------|-----------|-----------------|------------|-----------|
| 1    | 1     | 1.8490 GHz | 1.8500 GHz | 15.00 kHz | 1.850000000 GHz | -21.00 dBm | -7.996 dB |
| 2    | 2     | 1.8500 GHz | 1.8514 GHz | 100.0 kHz | 1.850298000 GHz | 18.09 dBm  | -31.91 dB |

**Bottom Left: Band2-1.4MHz-16QAM-18607-5#0-PASS**

Center Freq: 22.00500000 GHz  
CF Step: 4.399000000 Hz  
Scale/Div: 10.0 dB  
Ref Value: 25.00 dBm

| Spur | Range | Start Freq | Stop Freq  | RBW       | Frequency       | Amplitude  | ΔLimit    |
|------|-------|------------|------------|-----------|-----------------|------------|-----------|
| 1    | 1     | 1.8490 GHz | 1.8500 GHz | 15.00 kHz | 1.849984000 GHz | -20.80 dBm | -7.796 dB |
| 2    | 2     | 1.8500 GHz | 1.8514 GHz | 100.0 kHz | 1.850976000 GHz | 10.10 dBm  | -39.90 dB |

**Bottom Right: Band2-1.4MHz-QPSK-19193-1#5-PASS**

Center Freq: 22.00500000 GHz  
CF Step: 4.399000000 Hz  
Scale/Div: 10.0 dB  
Ref Value: 25.00 dBm

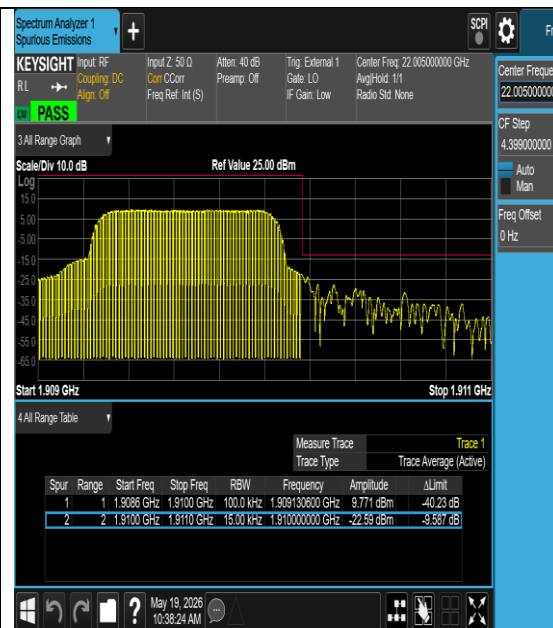
| Spur | Range | Start Freq | Stop Freq  | RBW       | Frequency       | Amplitude  | ΔLimit    |
|------|-------|------------|------------|-----------|-----------------|------------|-----------|
| 1    | 1     | 1.9086 GHz | 1.9100 GHz | 100.0 kHz | 1.909766200 GHz | 19.36 dBm  | -30.64 dB |
| 2    | 2     | 1.9100 GHz | 1.9110 GHz | 15.00 kHz | 1.910038000 GHz | -51.21 dBm | -38.21 dB |

Band2-1.4MHz-16QAM-18607-5#0-PASS

Band2-1.4MHz-QPSK-19193-1#5-PASS



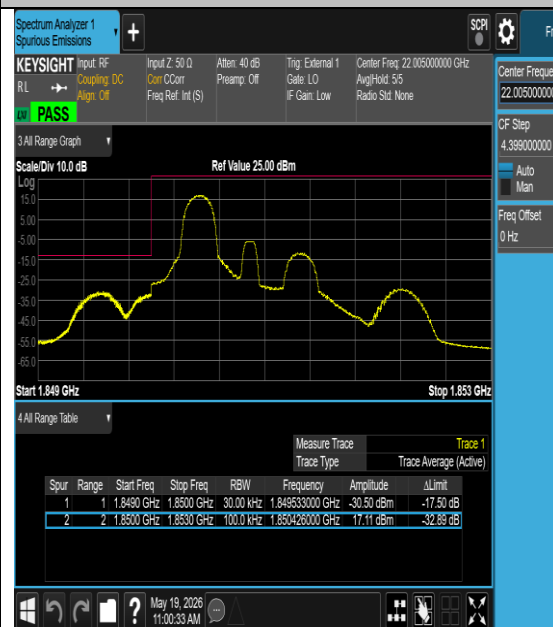
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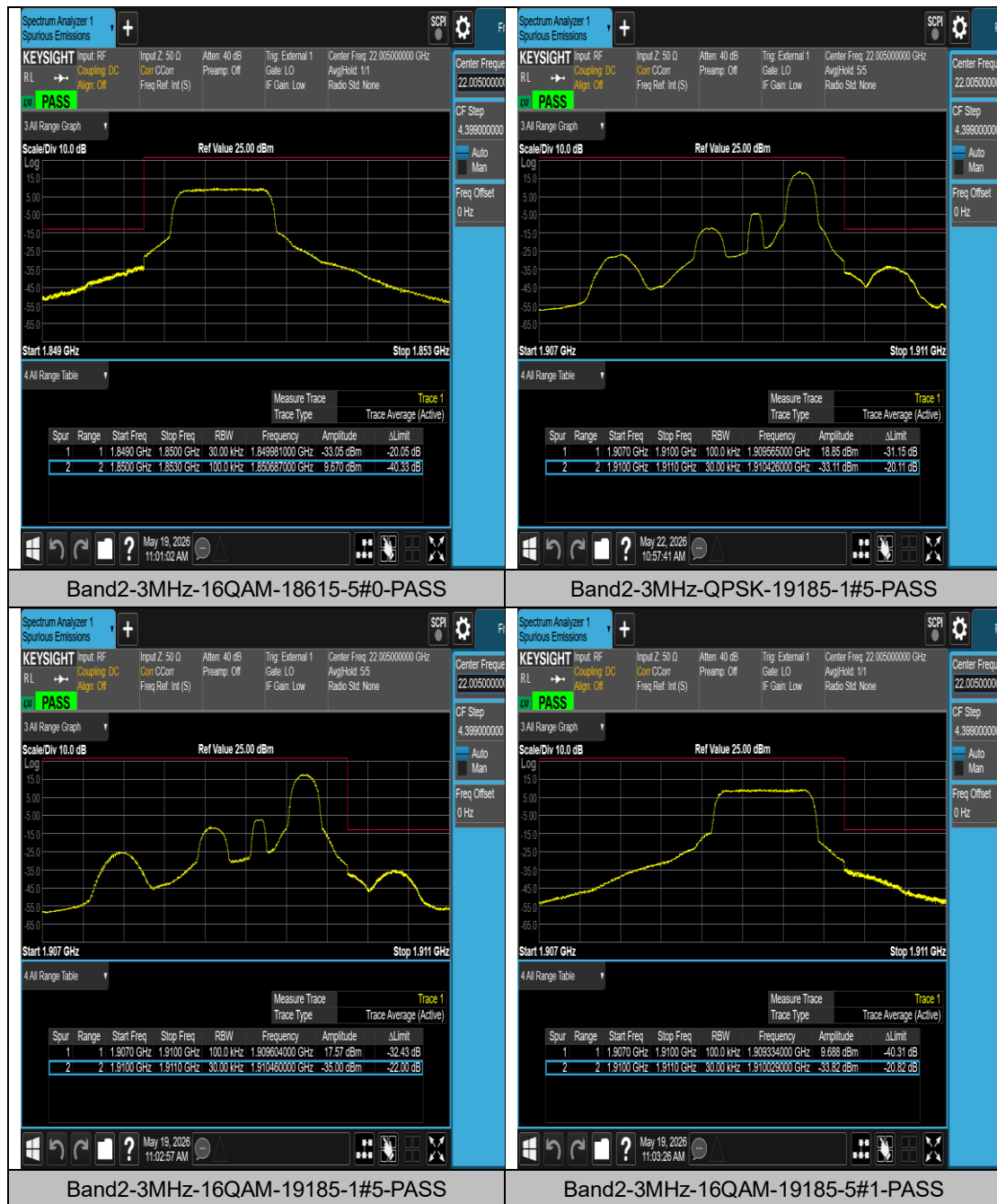
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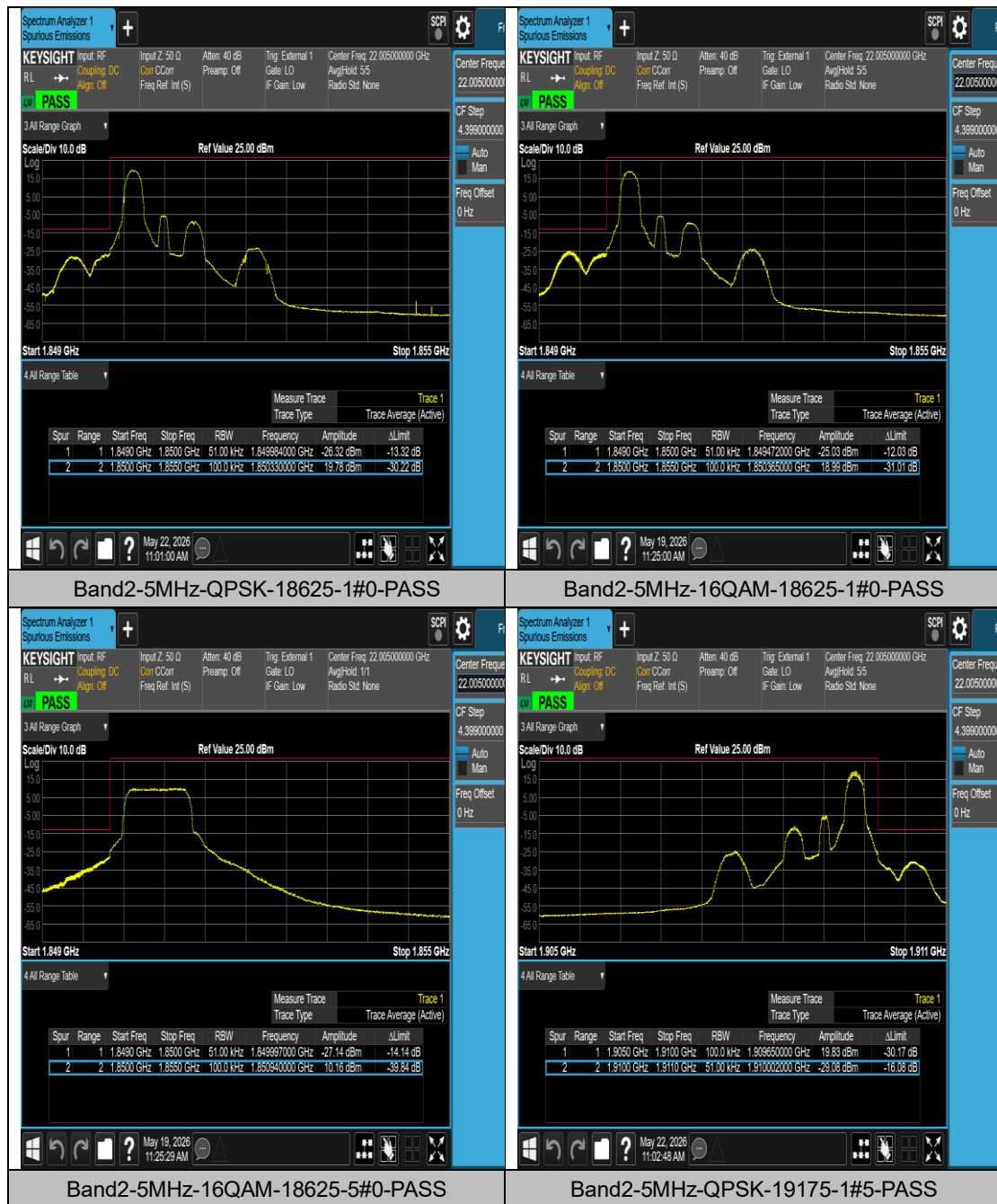


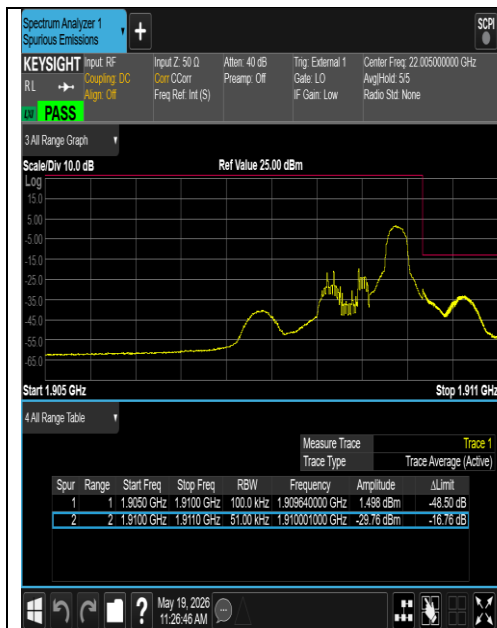
Band2-3MHz-QPSK-18615-1#0-PASS



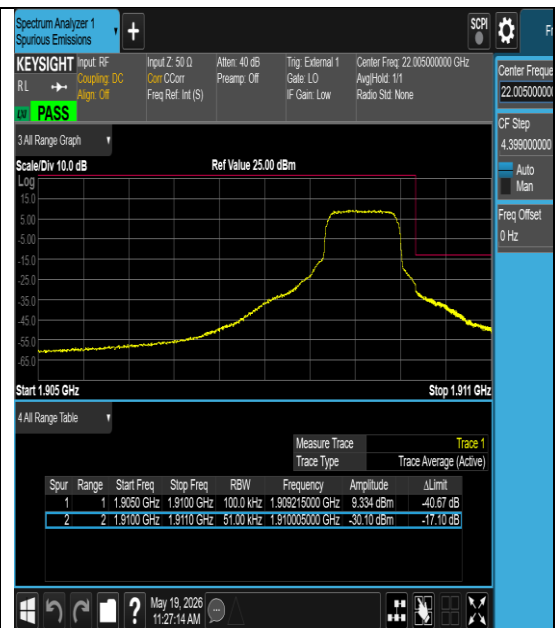
Band2-3MHz-16QAM-18615-1#0-PASS







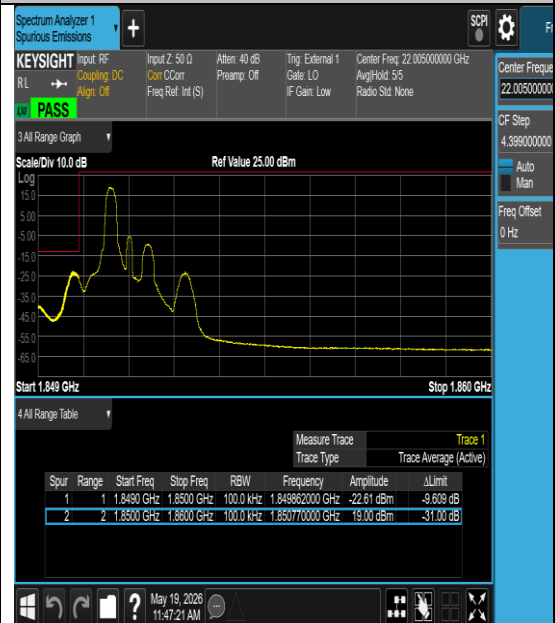
Band2-5MHz-16QAM-19175-1#5-PASS



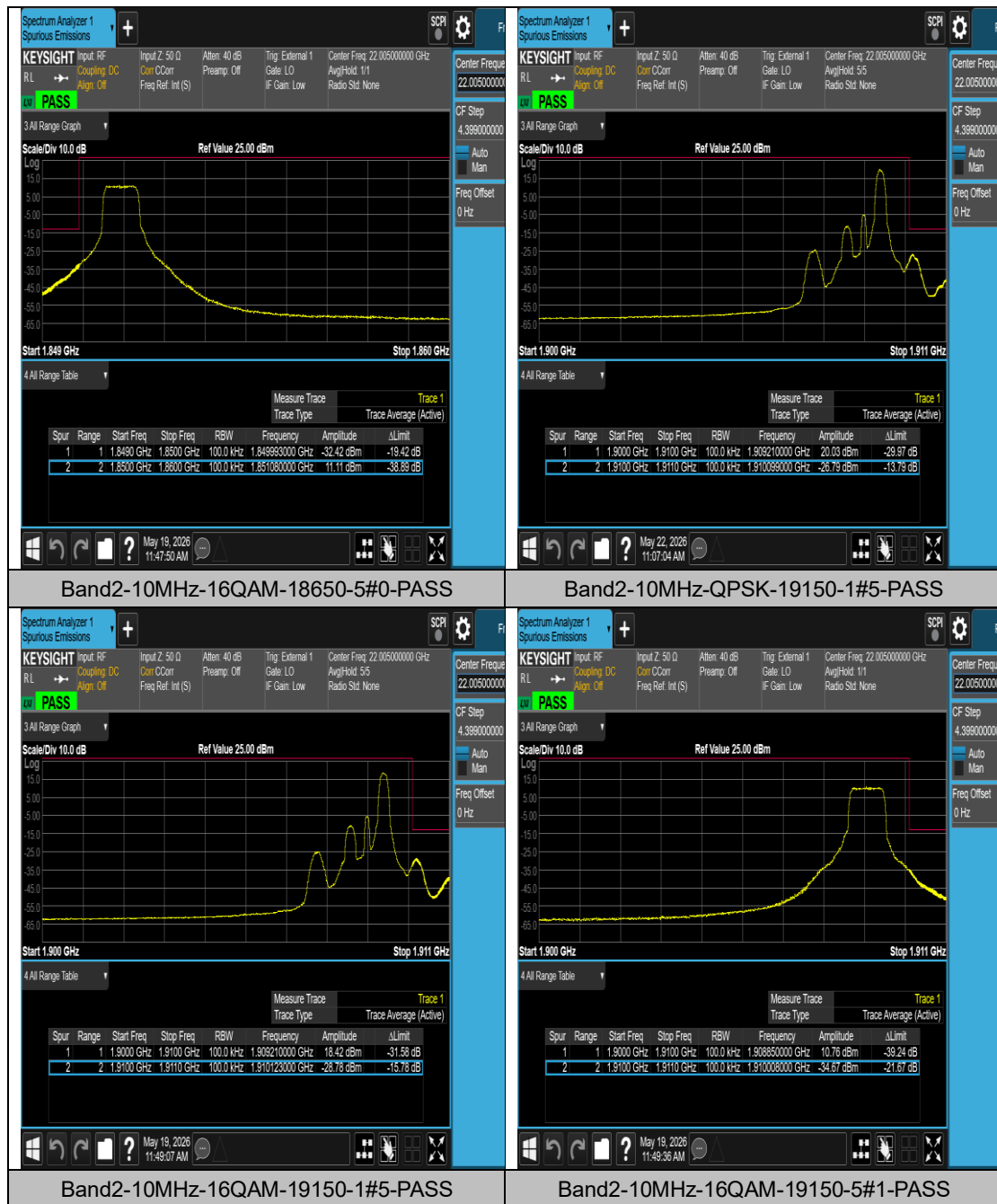
Band2-5MHz-16QAM-19175-5#1-PASS

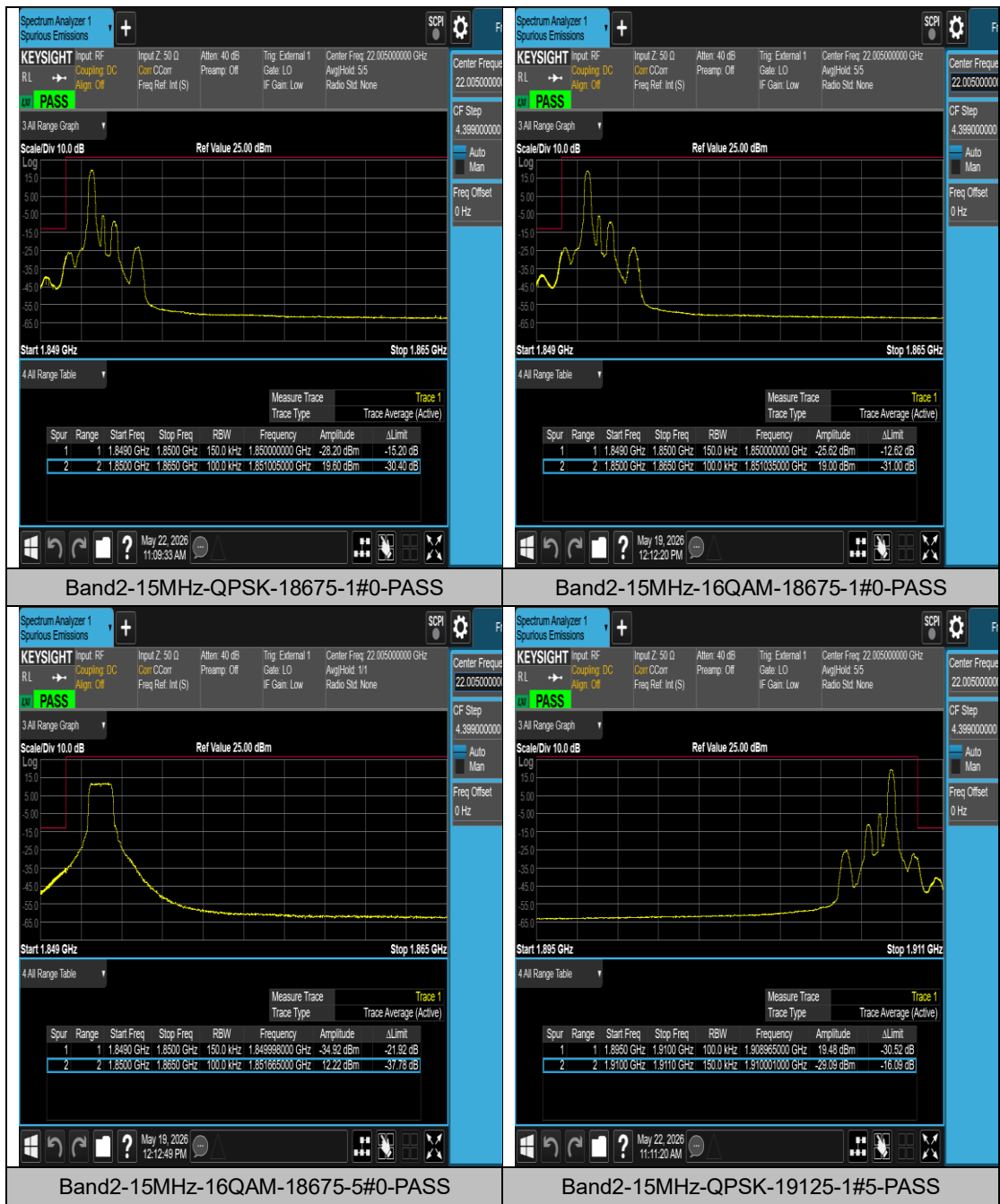


Band2-10MHz-QPSK-18650-1#0-PASS



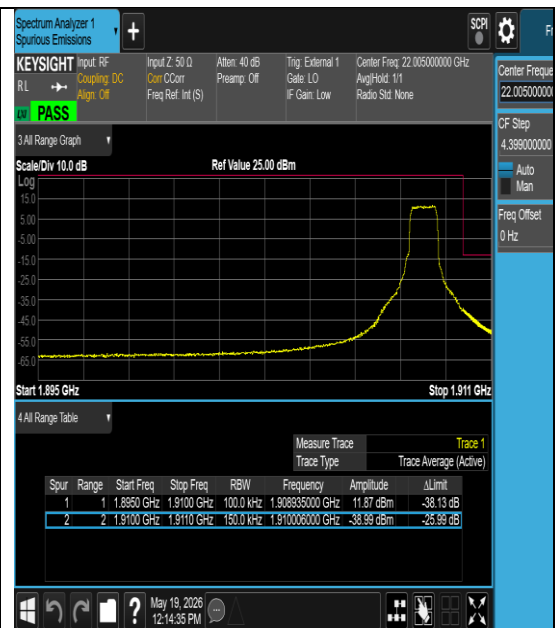
Band2-10MHz-16QAM-18650-1#0-PASS







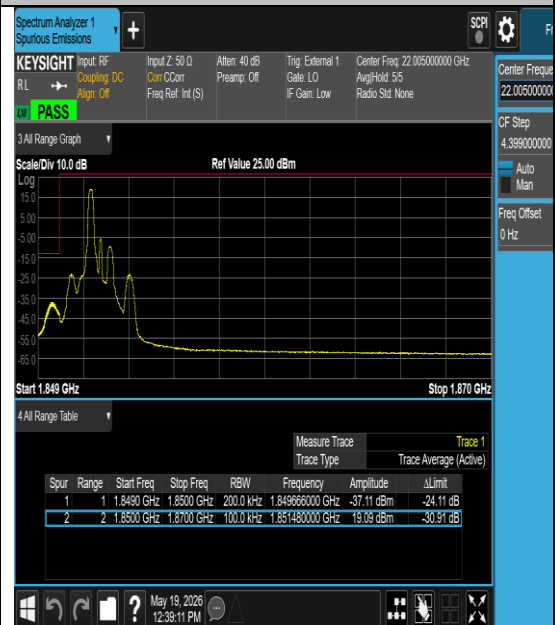
Band2-15MHz-16QAM-19125-1#5-PASS



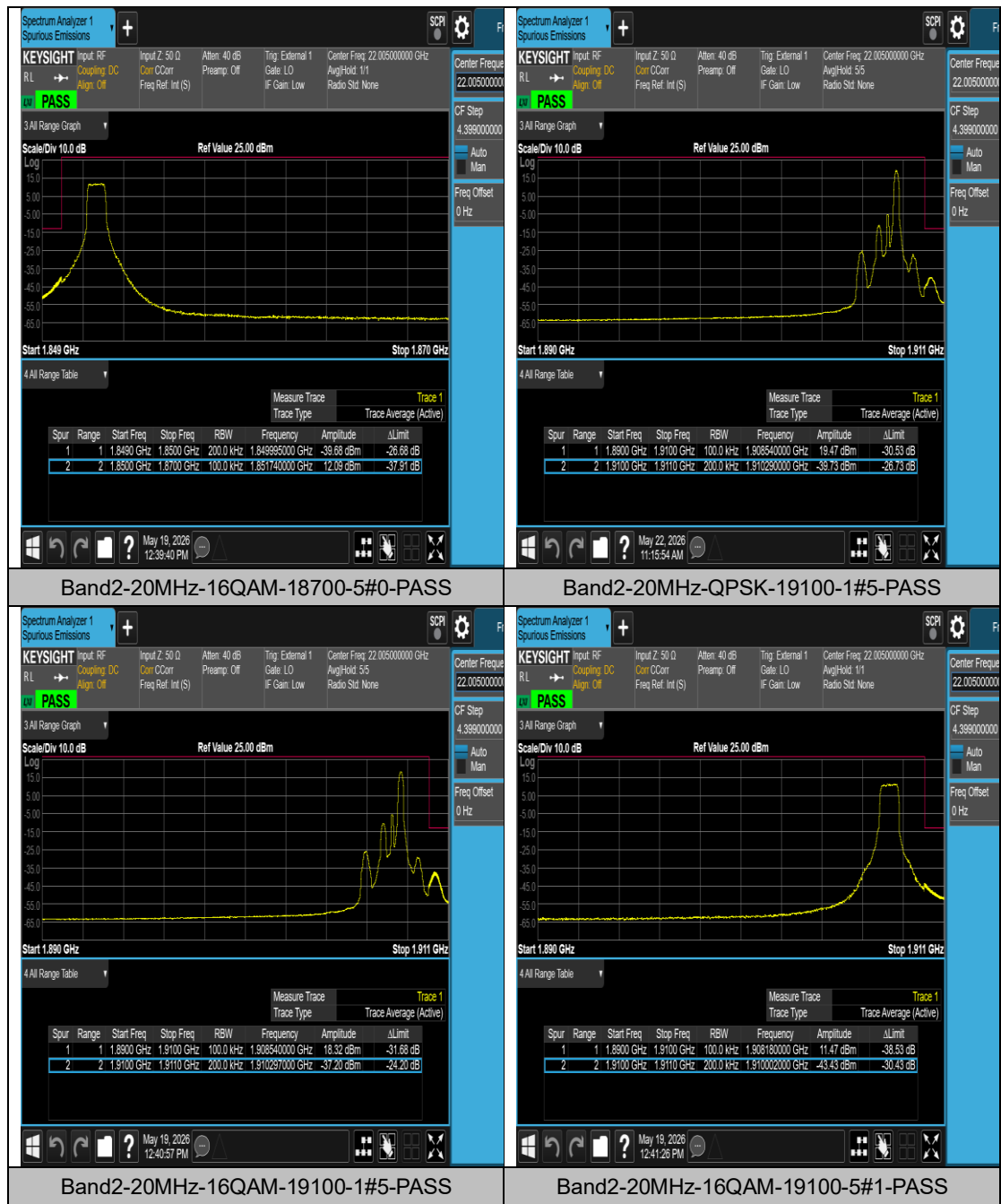
Band2-15MHz-16QAM-19125-5#1-PASS



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



Band2-20MHz-16QAM-18700-1#0-PASS



## Appendix E: Conducted Spurious Emission for M1

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Size | RB Start | NB Index | Start Freq | Stop Freq | Result (dBm) | Verdict |
|--------|-----------|------------|---------|---------|----------|----------|------------|-----------|--------------|---------|
| Band 2 | 1.4MHz    | QPSK       | 18607   | 1       | 0        | Low      | 0.009      | 0.15      | -65.49       | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18607   | 1       | 0        | Low      | 0.15       | 30        | -57.28       | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18607   | 1       | 0        | Low      | 30         | 1000      | -56.42       | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18607   | 1       | 0        | Low      | 1000       | 20000     | -49.61       | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18607   | 1       | 0        | Low      | 0.009      | 0.15      | -57.23       | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18607   | 1       | 0        | Low      | 0.15       | 30        | -59.47       | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18607   | 1       | 0        | Low      | 30         | 1000      | -56.95       | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18607   | 1       | 0        | Low      | 1000       | 20000     | -49.17       | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18900   | 1       | 0        | Low      | 0.009      | 0.15      | -64.54       | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18900   | 1       | 0        | Low      | 0.15       | 30        | -57.96       | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18900   | 1       | 0        | Low      | 30         | 1000      | -56.54       | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 18900   | 1       | 0        | Low      | 1000       | 20000     | -49.4        | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18900   | 1       | 0        | Low      | 0.009      | 0.15      | -57.5        | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18900   | 1       | 0        | Low      | 0.15       | 30        | -59.98       | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18900   | 1       | 0        | Low      | 30         | 1000      | -56.95       | PASS    |
| Band 2 | 1.4MHz    | 16QAM      | 18900   | 1       | 0        | Low      | 1000       | 20000     | -49.48       | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 19193   | 1       | 5        | High     | 0.009      | 0.15      | -60.1        | PASS    |
| Band 2 | 1.4MHz    | QPSK       | 19193   | 1       | 5        | High     | 0.15       | 30        | -53.79       | PASS    |

|        |        |       |       |   |   |      |           |           |            |      |
|--------|--------|-------|-------|---|---|------|-----------|-----------|------------|------|
| Band 2 | 1.4MHz | QPSK  | 19193 | 1 | 5 | High | 30        | 1000      | -<br>56.48 | PASS |
| Band 2 | 1.4MHz | QPSK  | 19193 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.09 | PASS |
| Band 2 | 1.4MHz | 16QAM | 19193 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>58.05 | PASS |
| Band 2 | 1.4MHz | 16QAM | 19193 | 1 | 5 | High | 0.15      | 30        | -<br>59.55 | PASS |
| Band 2 | 1.4MHz | 16QAM | 19193 | 1 | 5 | High | 30        | 1000      | -<br>56.92 | PASS |
| Band 2 | 1.4MHz | 16QAM | 19193 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.66 | PASS |
| Band 2 | 3MHz   | QPSK  | 18615 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>64.57 | PASS |
| Band 2 | 3MHz   | QPSK  | 18615 | 1 | 0 | Low  | 0.15      | 30        | -<br>55.19 | PASS |
| Band 2 | 3MHz   | QPSK  | 18615 | 1 | 0 | Low  | 30        | 1000      | -<br>56.45 | PASS |
| Band 2 | 3MHz   | QPSK  | 18615 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.55 | PASS |
| Band 2 | 3MHz   | 16QAM | 18615 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>57.88 | PASS |
| Band 2 | 3MHz   | 16QAM | 18615 | 1 | 0 | Low  | 0.15      | 30        | -<br>55.89 | PASS |
| Band 2 | 3MHz   | 16QAM | 18615 | 1 | 0 | Low  | 30        | 1000      | -<br>56.92 | PASS |
| Band 2 | 3MHz   | 16QAM | 18615 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.65 | PASS |
| Band 2 | 3MHz   | QPSK  | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -63.3      | PASS |
| Band 2 | 3MHz   | QPSK  | 18900 | 1 | 0 | Low  | 0.15      | 30        | -69.8      | PASS |
| Band 2 | 3MHz   | QPSK  | 18900 | 1 | 0 | Low  | 30        | 1000      | -56.5      | PASS |
| Band 2 | 3MHz   | QPSK  | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.23 | PASS |
| Band 2 | 3MHz   | 16QAM | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>57.93 | PASS |
| Band 2 | 3MHz   | 16QAM | 18900 | 1 | 0 | Low  | 0.15      | 30        | -57.2      | PASS |
| Band 2 | 3MHz   | 16QAM | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.89 | PASS |
| Band 2 | 3MHz   | 16QAM | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.65 | PASS |

|           |      |       |       |   |   |      |           |           |            |      |
|-----------|------|-------|-------|---|---|------|-----------|-----------|------------|------|
| Band<br>2 | 3MHz | QPSK  | 19185 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>60.71 | PASS |
| Band<br>2 | 3MHz | QPSK  | 19185 | 1 | 5 | High | 0.15      | 30        | -<br>51.75 | PASS |
| Band<br>2 | 3MHz | QPSK  | 19185 | 1 | 5 | High | 30        | 1000      | -<br>56.52 | PASS |
| Band<br>2 | 3MHz | QPSK  | 19185 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.61 | PASS |
| Band<br>2 | 3MHz | 16QAM | 19185 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>57.06 | PASS |
| Band<br>2 | 3MHz | 16QAM | 19185 | 1 | 5 | High | 0.15      | 30        | -<br>57.76 | PASS |
| Band<br>2 | 3MHz | 16QAM | 19185 | 1 | 5 | High | 30        | 1000      | -<br>56.86 | PASS |
| Band<br>2 | 3MHz | 16QAM | 19185 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.77 | PASS |
| Band<br>2 | 5MHz | QPSK  | 18625 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>65.78 | PASS |
| Band<br>2 | 5MHz | QPSK  | 18625 | 1 | 0 | Low  | 0.15      | 30        | -<br>56.83 | PASS |
| Band<br>2 | 5MHz | QPSK  | 18625 | 1 | 0 | Low  | 30        | 1000      | -<br>56.52 | PASS |
| Band<br>2 | 5MHz | QPSK  | 18625 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.33 | PASS |
| Band<br>2 | 5MHz | 16QAM | 18625 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>56.79 | PASS |
| Band<br>2 | 5MHz | 16QAM | 18625 | 1 | 0 | Low  | 0.15      | 30        | -<br>51.08 | PASS |
| Band<br>2 | 5MHz | 16QAM | 18625 | 1 | 0 | Low  | 30        | 1000      | -<br>56.85 | PASS |
| Band<br>2 | 5MHz | 16QAM | 18625 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.58 | PASS |
| Band<br>2 | 5MHz | QPSK  | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>62.45 | PASS |
| Band<br>2 | 5MHz | QPSK  | 18900 | 1 | 0 | Low  | 0.15      | 30        | -<br>71.48 | PASS |
| Band<br>2 | 5MHz | QPSK  | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.45 | PASS |
| Band<br>2 | 5MHz | QPSK  | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.28 | PASS |
| Band<br>2 | 5MHz | 16QAM | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>55.85 | PASS |
| Band<br>2 | 5MHz | 16QAM | 18900 | 1 | 0 | Low  | 0.15      | 30        | -<br>70.13 | PASS |

|           |       |       |       |   |   |      |           |           |            |      |
|-----------|-------|-------|-------|---|---|------|-----------|-----------|------------|------|
| Band<br>2 | 5MHz  | 16QAM | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.89 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.43 | PASS |
| Band<br>2 | 5MHz  | QPSK  | 19175 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>57.53 | PASS |
| Band<br>2 | 5MHz  | QPSK  | 19175 | 1 | 5 | High | 0.15      | 30        | -<br>68.94 | PASS |
| Band<br>2 | 5MHz  | QPSK  | 19175 | 1 | 5 | High | 30        | 1000      | -<br>56.48 | PASS |
| Band<br>2 | 5MHz  | QPSK  | 19175 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.52 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 19175 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>54.12 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 19175 | 1 | 5 | High | 0.15      | 30        | -<br>57.62 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 19175 | 1 | 5 | High | 30        | 1000      | -<br>56.89 | PASS |
| Band<br>2 | 5MHz  | 16QAM | 19175 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.44 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18650 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>63.84 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18650 | 1 | 0 | Low  | 0.15      | 30        | -<br>70.47 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18650 | 1 | 0 | Low  | 30        | 1000      | -<br>56.48 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18650 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.23 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18650 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>55.21 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18650 | 1 | 0 | Low  | 0.15      | 30        | -<br>55.22 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18650 | 1 | 0 | Low  | 30        | 1000      | -<br>56.82 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18650 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.58 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -62.9      | PASS |
| Band<br>2 | 10MHz | QPSK  | 18900 | 1 | 0 | Low  | 0.15      | 30        | -<br>51.61 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.46 | PASS |
| Band<br>2 | 10MHz | QPSK  | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.01 | PASS |

|           |       |       |       |   |   |      |           |           |            |      |
|-----------|-------|-------|-------|---|---|------|-----------|-----------|------------|------|
| Band<br>2 | 10MHz | 16QAM | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>57.88 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18900 | 1 | 0 | Low  | 0.15      | 30        | -<br>53.96 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.86 | PASS |
| Band<br>2 | 10MHz | 16QAM | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.53 | PASS |
| Band<br>2 | 10MHz | QPSK  | 19150 | 1 | 5 | High | 0.00<br>9 | 0.15      | -61.2      | PASS |
| Band<br>2 | 10MHz | QPSK  | 19150 | 1 | 5 | High | 0.15      | 30        | -<br>52.23 | PASS |
| Band<br>2 | 10MHz | QPSK  | 19150 | 1 | 5 | High | 30        | 1000      | -<br>56.37 | PASS |
| Band<br>2 | 10MHz | QPSK  | 19150 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.73 | PASS |
| Band<br>2 | 10MHz | 16QAM | 19150 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>55.98 | PASS |
| Band<br>2 | 10MHz | 16QAM | 19150 | 1 | 5 | High | 0.15      | 30        | -<br>71.16 | PASS |
| Band<br>2 | 10MHz | 16QAM | 19150 | 1 | 5 | High | 30        | 1000      | -<br>56.94 | PASS |
| Band<br>2 | 10MHz | 16QAM | 19150 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.49 | PASS |
| Band<br>2 | 15MHz | QPSK  | 18675 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>63.48 | PASS |
| Band<br>2 | 15MHz | QPSK  | 18675 | 1 | 0 | Low  | 0.15      | 30        | -60.8      | PASS |
| Band<br>2 | 15MHz | QPSK  | 18675 | 1 | 0 | Low  | 30        | 1000      | -<br>56.44 | PASS |
| Band<br>2 | 15MHz | QPSK  | 18675 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.27 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18675 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>56.09 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18675 | 1 | 0 | Low  | 0.15      | 30        | -52.3      | PASS |
| Band<br>2 | 15MHz | 16QAM | 18675 | 1 | 0 | Low  | 30        | 1000      | -<br>56.91 | PASS |
| Band<br>2 | 15MHz | 16QAM | 18675 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.41 | PASS |
| Band<br>2 | 15MHz | QPSK  | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>62.81 | PASS |
| Band<br>2 | 15MHz | QPSK  | 18900 | 1 | 0 | Low  | 0.15      | 30        | -<br>58.44 | PASS |

|        |       |       |       |   |   |      |           |           |            |      |
|--------|-------|-------|-------|---|---|------|-----------|-----------|------------|------|
| Band 2 | 15MHz | QPSK  | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.46 | PASS |
| Band 2 | 15MHz | QPSK  | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.64 | PASS |
| Band 2 | 15MHz | 16QAM | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>56.38 | PASS |
| Band 2 | 15MHz | 16QAM | 18900 | 1 | 0 | Low  | 0.15      | 30        | -<br>72.24 | PASS |
| Band 2 | 15MHz | 16QAM | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.86 | PASS |
| Band 2 | 15MHz | 16QAM | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>48.98 | PASS |
| Band 2 | 15MHz | QPSK  | 19125 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>59.02 | PASS |
| Band 2 | 15MHz | QPSK  | 19125 | 1 | 5 | High | 0.15      | 30        | -<br>53.25 | PASS |
| Band 2 | 15MHz | QPSK  | 19125 | 1 | 5 | High | 30        | 1000      | -<br>56.38 | PASS |
| Band 2 | 15MHz | QPSK  | 19125 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.51 | PASS |
| Band 2 | 15MHz | 16QAM | 19125 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>57.43 | PASS |
| Band 2 | 15MHz | 16QAM | 19125 | 1 | 5 | High | 0.15      | 30        | -<br>50.67 | PASS |
| Band 2 | 15MHz | 16QAM | 19125 | 1 | 5 | High | 30        | 1000      | -<br>56.82 | PASS |
| Band 2 | 15MHz | 16QAM | 19125 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.55 | PASS |
| Band 2 | 20MHz | QPSK  | 18700 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>66.21 | PASS |
| Band 2 | 20MHz | QPSK  | 18700 | 1 | 0 | Low  | 0.15      | 30        | -<br>58.34 | PASS |
| Band 2 | 20MHz | QPSK  | 18700 | 1 | 0 | Low  | 30        | 1000      | -<br>56.39 | PASS |
| Band 2 | 20MHz | QPSK  | 18700 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.18 | PASS |
| Band 2 | 20MHz | 16QAM | 18700 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>55.28 | PASS |
| Band 2 | 20MHz | 16QAM | 18700 | 1 | 0 | Low  | 0.15      | 30        | -<br>60.65 | PASS |
| Band 2 | 20MHz | 16QAM | 18700 | 1 | 0 | Low  | 30        | 1000      | -<br>56.88 | PASS |
| Band 2 | 20MHz | 16QAM | 18700 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.48 | PASS |

|           |       |       |       |   |   |      |           |           |            |      |
|-----------|-------|-------|-------|---|---|------|-----------|-----------|------------|------|
| Band<br>2 | 20MHz | QPSK  | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>63.94 | PASS |
| Band<br>2 | 20MHz | QPSK  | 18900 | 1 | 0 | Low  | 0.15      | 30        | -<br>70.56 | PASS |
| Band<br>2 | 20MHz | QPSK  | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.44 | PASS |
| Band<br>2 | 20MHz | QPSK  | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.43 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18900 | 1 | 0 | Low  | 0.00<br>9 | 0.15      | -<br>54.63 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18900 | 1 | 0 | Low  | 0.15      | 30        | -<br>57.82 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18900 | 1 | 0 | Low  | 30        | 1000      | -<br>56.88 | PASS |
| Band<br>2 | 20MHz | 16QAM | 18900 | 1 | 0 | Low  | 1000      | 2000<br>0 | -<br>49.65 | PASS |
| Band<br>2 | 20MHz | QPSK  | 19100 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>59.07 | PASS |
| Band<br>2 | 20MHz | QPSK  | 19100 | 1 | 5 | High | 0.15      | 30        | -68.8      | PASS |
| Band<br>2 | 20MHz | QPSK  | 19100 | 1 | 5 | High | 30        | 1000      | -<br>56.49 | PASS |
| Band<br>2 | 20MHz | QPSK  | 19100 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.42 | PASS |
| Band<br>2 | 20MHz | 16QAM | 19100 | 1 | 5 | High | 0.00<br>9 | 0.15      | -<br>58.33 | PASS |
| Band<br>2 | 20MHz | 16QAM | 19100 | 1 | 5 | High | 0.15      | 30        | -<br>49.98 | PASS |
| Band<br>2 | 20MHz | 16QAM | 19100 | 1 | 5 | High | 30        | 1000      | -<br>56.92 | PASS |
| Band<br>2 | 20MHz | 16QAM | 19100 | 1 | 5 | High | 1000      | 2000<br>0 | -<br>49.55 | PASS |

Test Graphs

