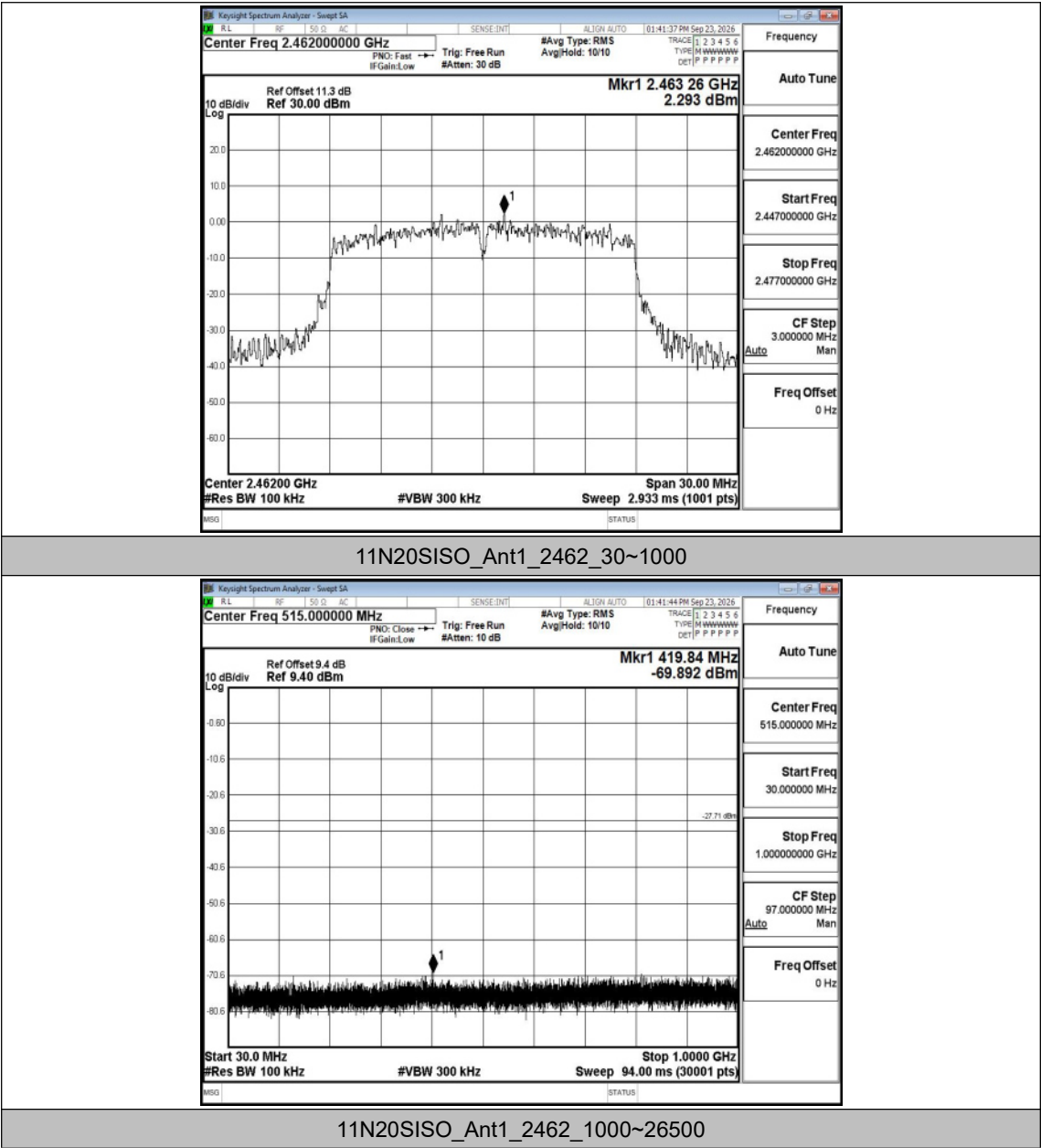
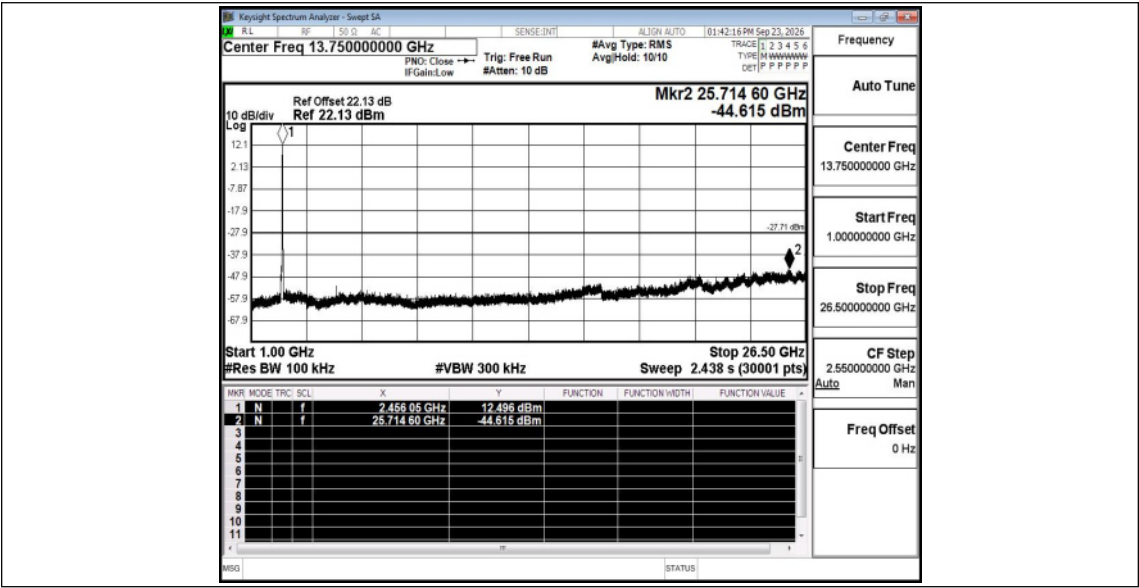




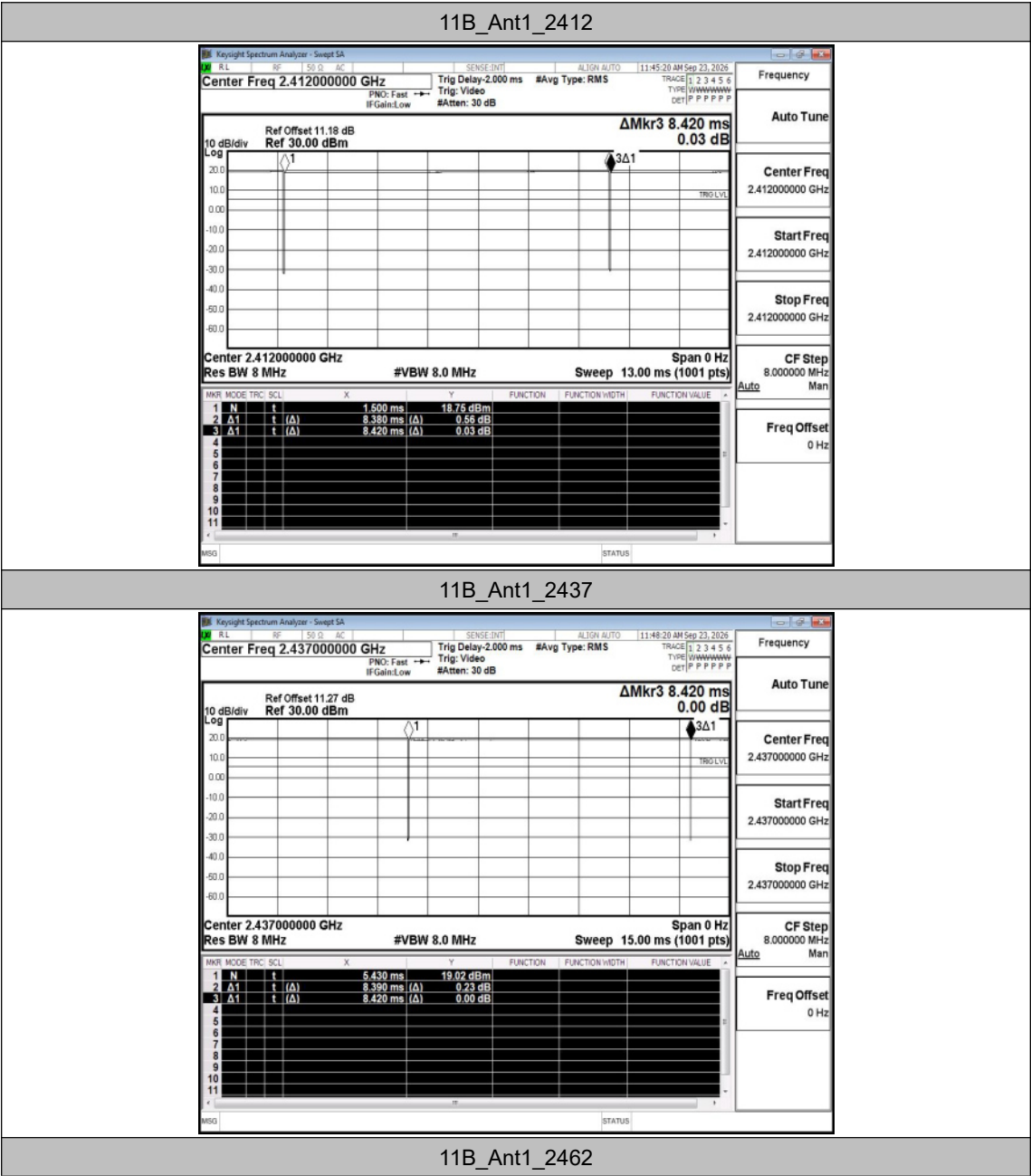


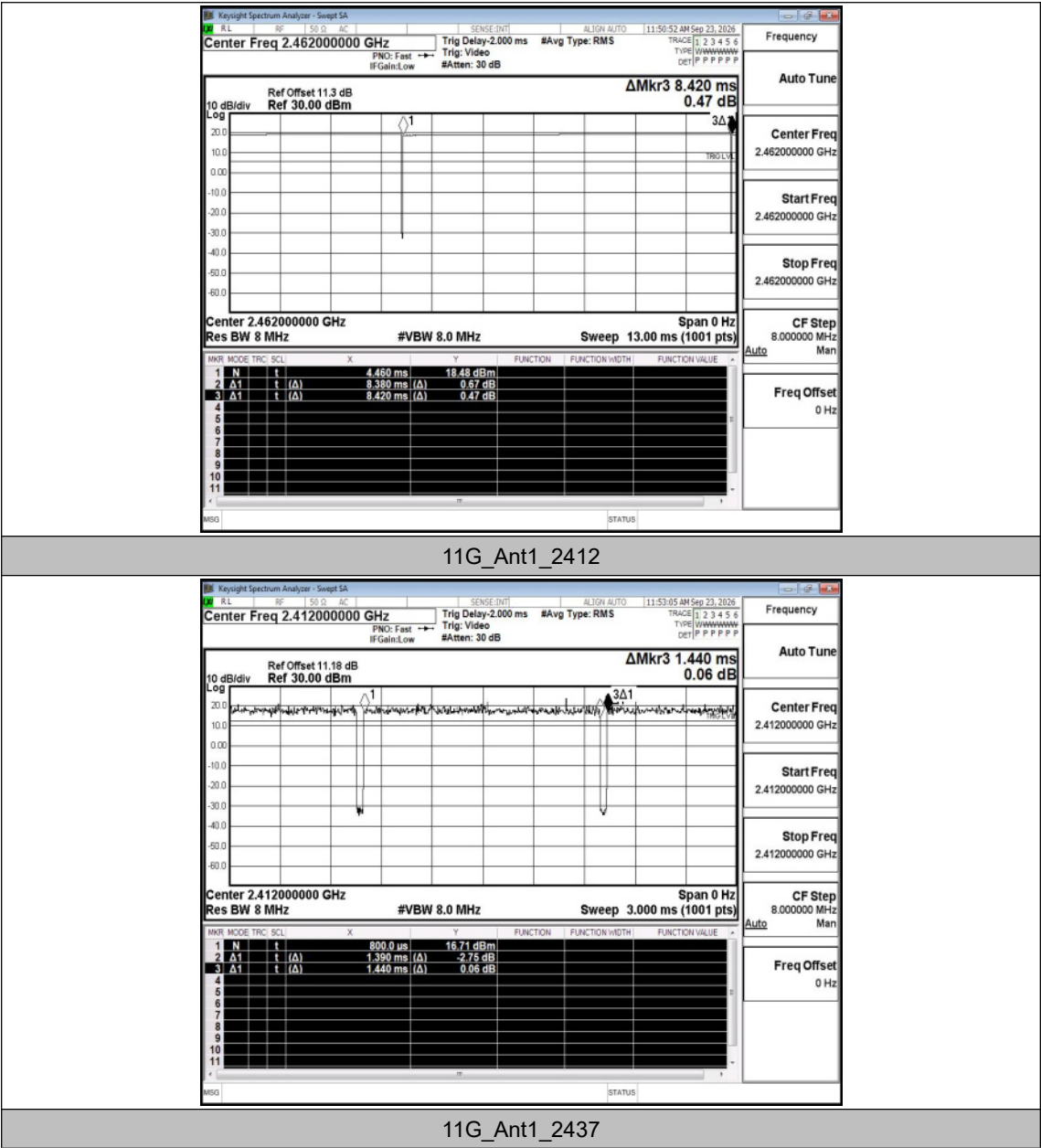
## B.6 Duty Cycle

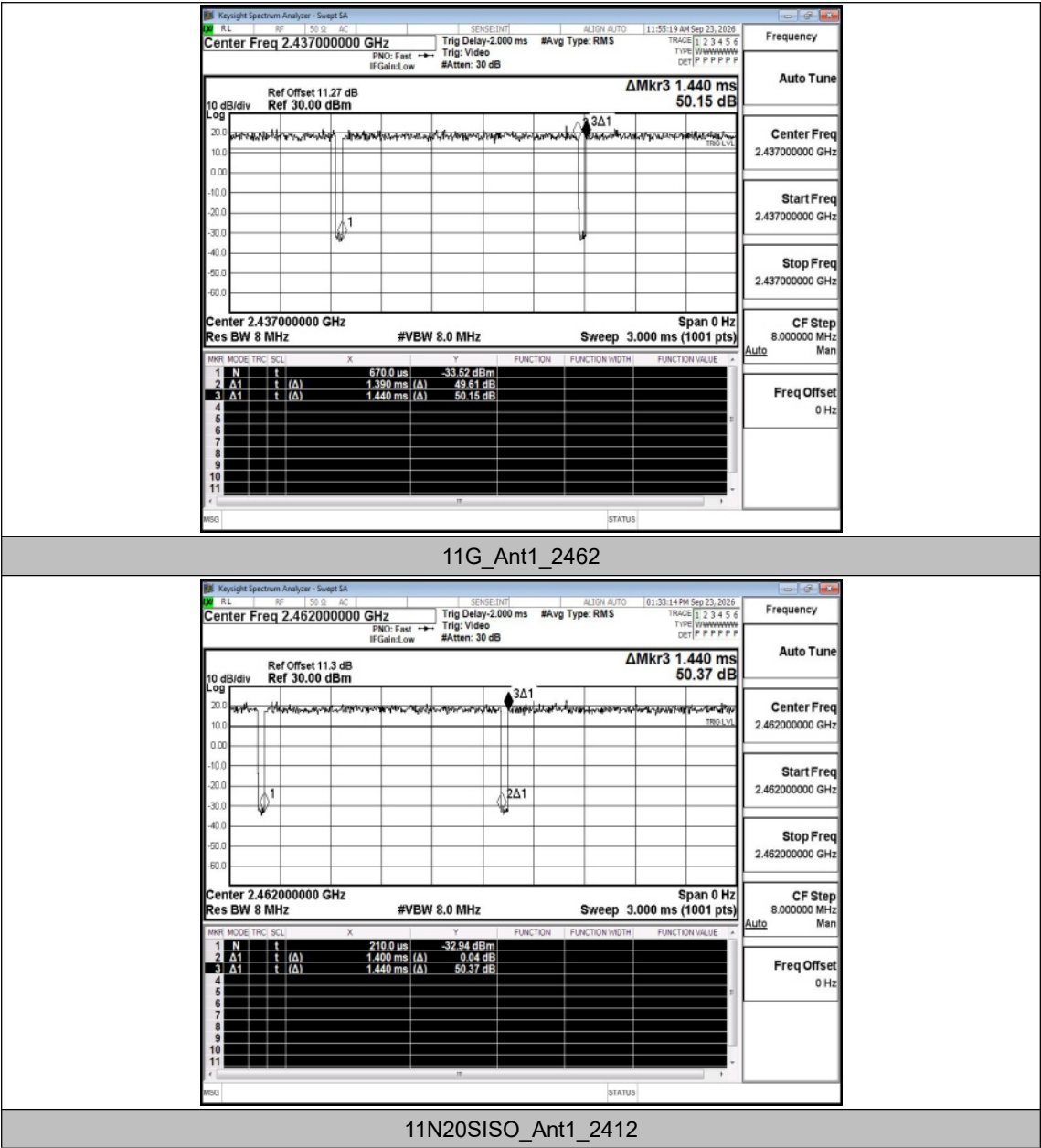
### Test Result

| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty Cycle<br>[%] | xFactor |
|-----------|---------|----------------|----------------------------------|-----------------------------|-------------------|---------|
| 11B       | Ant1    | 2412           | 8.38                             | 8.42                        | 99.52             | 0.02    |
|           |         | 2437           | 8.39                             | 8.42                        | 99.64             | 0.02    |
|           |         | 2462           | 8.38                             | 8.42                        | 99.52             | 0.02    |
| 11G       | Ant1    | 2412           | 1.39                             | 1.44                        | 96.53             | 0.15    |
|           |         | 2437           | 1.39                             | 1.44                        | 96.53             | 0.15    |
|           |         | 2462           | 1.40                             | 1.44                        | 97.22             | 0.12    |
| 11N20SISO | Ant1    | 2412           | 1.30                             | 1.34                        | 97.01             | 0.13    |
|           |         | 2437           | 1.30                             | 1.34                        | 97.01             | 0.13    |
|           |         | 2462           | 1.30                             | 1.35                        | 96.30             | 0.16    |

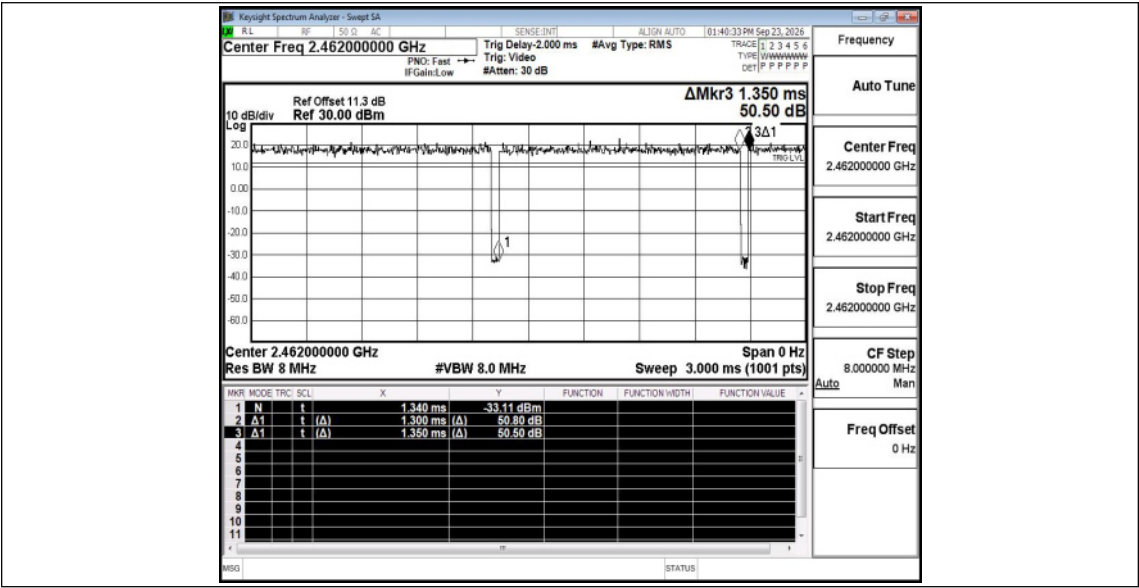
Test Graphs











## B.7 Emissions in Restricted Bands

### Test Result

| TestMode  | Antenna | ChName | Frequency [MHz] | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Gain [dBi] | DC Factor [dB] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|-----------|---------|--------|-----------------|----------|------------|--------------|-------------|------------|----------------|-----------------|----------------|---------|
| 11B       | Ant1    | Low    | 2412            | AV       | 2310.000   | -51.36       | ≤-43.22     | 2.00       | 0.02           | 45.86           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2389.310   | -48.66       | ≤-43.22     | 2.00       | 0.02           | 48.56           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2390.000   | -50.16       | ≤-43.22     | 2.00       | 0.02           | 47.06           | ≤54            | PASS    |
|           |         |        |                 | Peak     | 2310.000   | -49.41       | ≤-23.20     | 2.00       | 0.00           | 47.79           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2367.340   | -41.81       | ≤-23.20     | 2.00       | 0.00           | 55.39           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2390.000   | -43.85       | ≤-23.20     | 2.00       | 0.00           | 53.35           | ≤74            | PASS    |
|           |         | High   | 2462            | AV       | 2483.500   | -51.81       | ≤-43.22     | 2.00       | 0.02           | 45.41           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2488.510   | -48.15       | ≤-43.22     | 2.00       | 0.02           | 49.07           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2500.000   | -51.29       | ≤-43.22     | 2.00       | 0.02           | 45.93           | ≤54            | PASS    |
|           |         |        |                 | Peak     | 2483.500   | -46.01       | ≤-23.20     | 2.00       | 0.00           | 51.19           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2486.860   | -39.79       | ≤-23.20     | 2.00       | 0.00           | 57.41           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2500.000   | -47.03       | ≤-23.20     | 2.00       | 0.00           | 50.17           | ≤74            | PASS    |
| 11G       | Ant1    | Low    | 2412            | AV       | 2310.000   | -52.23       | ≤-43.35     | 2.00       | 0.15           | 45.12           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2389.960   | -45.85       | ≤-43.35     | 2.00       | 0.15           | 51.50           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2390.000   | -45.85       | ≤-43.35     | 2.00       | 0.15           | 51.50           | ≤54            | PASS    |
|           |         |        |                 | Peak     | 2310.000   | -43.5        | ≤-23.20     | 2.00       | 0.00           | 53.70           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2389.440   | -35.44       | ≤-23.20     | 2.00       | 0.00           | 61.76           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2390.000   | -37.24       | ≤-23.20     | 2.00       | 0.00           | 59.96           | ≤74            | PASS    |
|           |         | High   | 2462            | AV       | 2483.500   | -43.37       | ≤-43.32     | 2.00       | 0.12           | 53.95           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2483.560   | -44.19       | ≤-43.32     | 2.00       | 0.12           | 53.13           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2500.000   | -50.24       | ≤-43.32     | 2.00       | 0.12           | 47.08           | ≤54            | PASS    |
|           |         |        |                 | Peak     | 2483.500   | -33.46       | ≤-23.20     | 2.00       | 0.00           | 63.74           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2483.780   | -30.44       | ≤-23.20     | 2.00       | 0.00           | 66.76           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2500.000   | -42.08       | ≤-23.20     | 2.00       | 0.00           | 55.12           | ≤74            | PASS    |
| 11N20SISO | Ant1    | Low    | 2412            | AV       | 2310.000   | -51.7        | ≤-43.33     | 2.00       | 0.13           | 45.63           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2389.830   | -44.02       | ≤-43.33     | 2.00       | 0.13           | 53.31           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2390.000   | -44.19       | ≤-43.33     | 2.00       | 0.13           | 53.14           | ≤54            | PASS    |
|           |         |        |                 | Peak     | 2310.000   | -42.7        | ≤-23.20     | 2.00       | 0.00           | 54.50           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2389.700   | -30.9        | ≤-23.20     | 2.00       | 0.00           | 66.30           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2390.000   | -35.51       | ≤-23.20     | 2.00       | 0.00           | 61.69           | ≤74            | PASS    |
|           |         | High   | 2462            | AV       | 2483.500   | -51.35       | ≤-43.36     | 2.00       | 0.16           | 46.01           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2483.560   | -52          | ≤-43.36     | 2.00       | 0.16           | 45.36           | ≤54            | PASS    |
|           |         |        |                 | AV       | 2500.000   | -56.12       | ≤-43.36     | 2.00       | 0.16           | 41.24           | ≤54            | PASS    |
|           |         |        |                 | Peak     | 2483.500   | -40.88       | ≤-23.20     | 2.00       | 0.00           | 56.32           | ≤74            | PASS    |
|           |         |        |                 | Peak     | 2484.330   | -38.12       | ≤-23.20     | 2.00       | 0.00           | 59.08           | ≤74            | PASS    |

|  |  |  |  |      |          |        |         |      |      |       |     |      |
|--|--|--|--|------|----------|--------|---------|------|------|-------|-----|------|
|  |  |  |  | Peak | 2500.000 | -47.91 | ≤-23.20 | 2.00 | 0.00 | 49.29 | ≤74 | PASS |
|--|--|--|--|------|----------|--------|---------|------|------|-------|-----|------|

Note:

- 1. The Antenna Gain is compensated in the graph.
- 2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

