

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

### Test Result

#### Test Result(WCDMA)

| Band  | Channel | Power(dBm) | ERP/EIRP(dBm) | Limit(dBm) | Verdict |
|-------|---------|------------|---------------|------------|---------|
| Band2 | 9262    | 23.64      | 26.1          | 33         | PASS    |
| Band2 | 9400    | 23.54      | 26            | 33         | PASS    |
| Band2 | 9538    | 23.53      | 25.99         | 33         | PASS    |

#### Test Result(HSDPA)

| Band  | Channel | SubTest   | Power(dBm) | ERP/EIRP(dBm) | Limit(dBm) | Verdict |
|-------|---------|-----------|------------|---------------|------------|---------|
| Band2 | 9262    | SubTest-1 | 22.70      | 25.16         | 33         | PASS    |
| Band2 | 9400    | SubTest-1 | 22.54      | 25            | 33         | PASS    |
| Band2 | 9538    | SubTest-1 | 22.56      | 25.02         | 33         | PASS    |
| Band2 | 9262    | SubTest-2 | 22.12      | 24.58         | 33         | PASS    |
| Band2 | 9400    | SubTest-2 | 21.97      | 24.43         | 33         | PASS    |
| Band2 | 9538    | SubTest-2 | 21.97      | 24.43         | 33         | PASS    |
| Band2 | 9262    | SubTest-3 | 22.05      | 24.51         | 33         | PASS    |
| Band2 | 9400    | SubTest-3 | 22.01      | 24.47         | 33         | PASS    |
| Band2 | 9538    | SubTest-3 | 21.95      | 24.41         | 33         | PASS    |
| Band2 | 9262    | SubTest-4 | 22.07      | 24.53         | 33         | PASS    |
| Band2 | 9400    | SubTest-4 | 22.00      | 24.46         | 33         | PASS    |
| Band2 | 9538    | SubTest-4 | 21.95      | 24.41         | 33         | PASS    |

#### Test Result(HSUPA)

| Band  | Channel | SubTest   | Power(dBm) | ERP/EIRP(dBm) | Limit(dBm) | Verdict |
|-------|---------|-----------|------------|---------------|------------|---------|
| Band2 | 9262    | SubTest-1 | 20.67      | 23.13         | 33         | PASS    |
| Band2 | 9400    | SubTest-1 | 20.51      | 22.97         | 33         | PASS    |
| Band2 | 9538    | SubTest-1 | 20.48      | 22.94         | 33         | PASS    |
| Band2 | 9262    | SubTest-2 | 20.72      | 23.18         | 33         | PASS    |
| Band2 | 9400    | SubTest-2 | 20.54      | 23            | 33         | PASS    |
| Band2 | 9538    | SubTest-2 | 20.47      | 22.93         | 33         | PASS    |
| Band2 | 9262    | SubTest-3 | 21.64      | 24.1          | 33         | PASS    |
| Band2 | 9400    | SubTest-3 | 21.44      | 23.9          | 33         | PASS    |
| Band2 | 9538    | SubTest-3 | 21.46      | 23.92         | 33         | PASS    |
| Band2 | 9262    | SubTest-4 | 20.10      | 22.56         | 33         | PASS    |
| Band2 | 9400    | SubTest-4 | 19.97      | 22.43         | 33         | PASS    |
| Band2 | 9538    | SubTest-4 | 19.95      | 22.41         | 33         | PASS    |
| Band2 | 9262    | SubTest-5 | 20.60      | 23.06         | 33         | PASS    |
| Band2 | 9400    | SubTest-5 | 20.39      | 22.85         | 33         | PASS    |

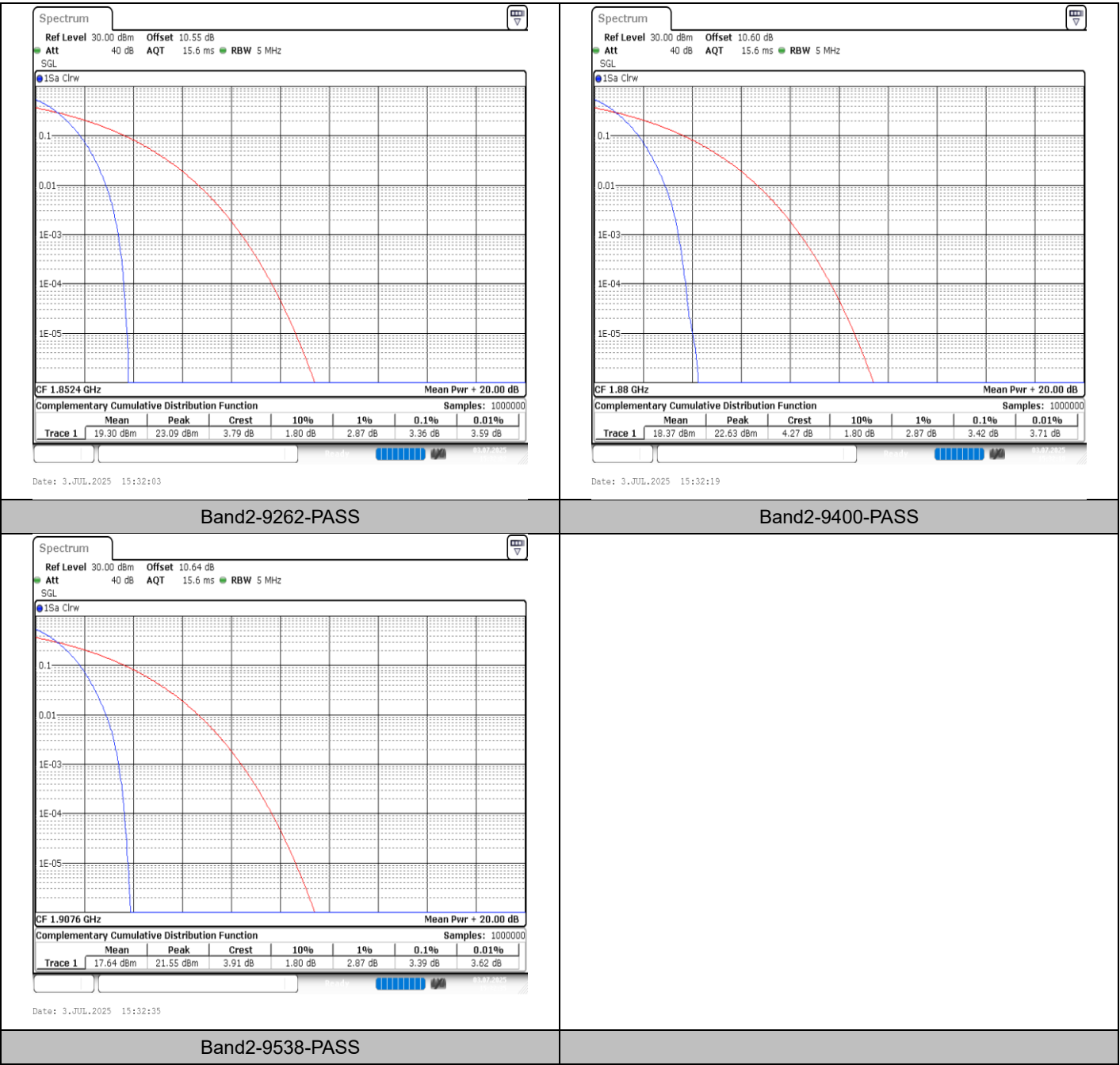
|       |      |           |       |       |    |      |
|-------|------|-----------|-------|-------|----|------|
| Band2 | 9538 | SubTest-5 | 20.50 | 22.96 | 33 | PASS |
|-------|------|-----------|-------|-------|----|------|

## Appendix B: Peak-to-Average Ratio

### Test Result

| Band  | Channel | Peak-to-Average Ratio(dB) | Limit(dBm) | Verdict |
|-------|---------|---------------------------|------------|---------|
| Band2 | 9262    | 3.36                      | 13         | PASS    |
| Band2 | 9400    | 3.42                      | 13         | PASS    |
| Band2 | 9538    | 3.39                      | 13         | PASS    |

Test Graphs

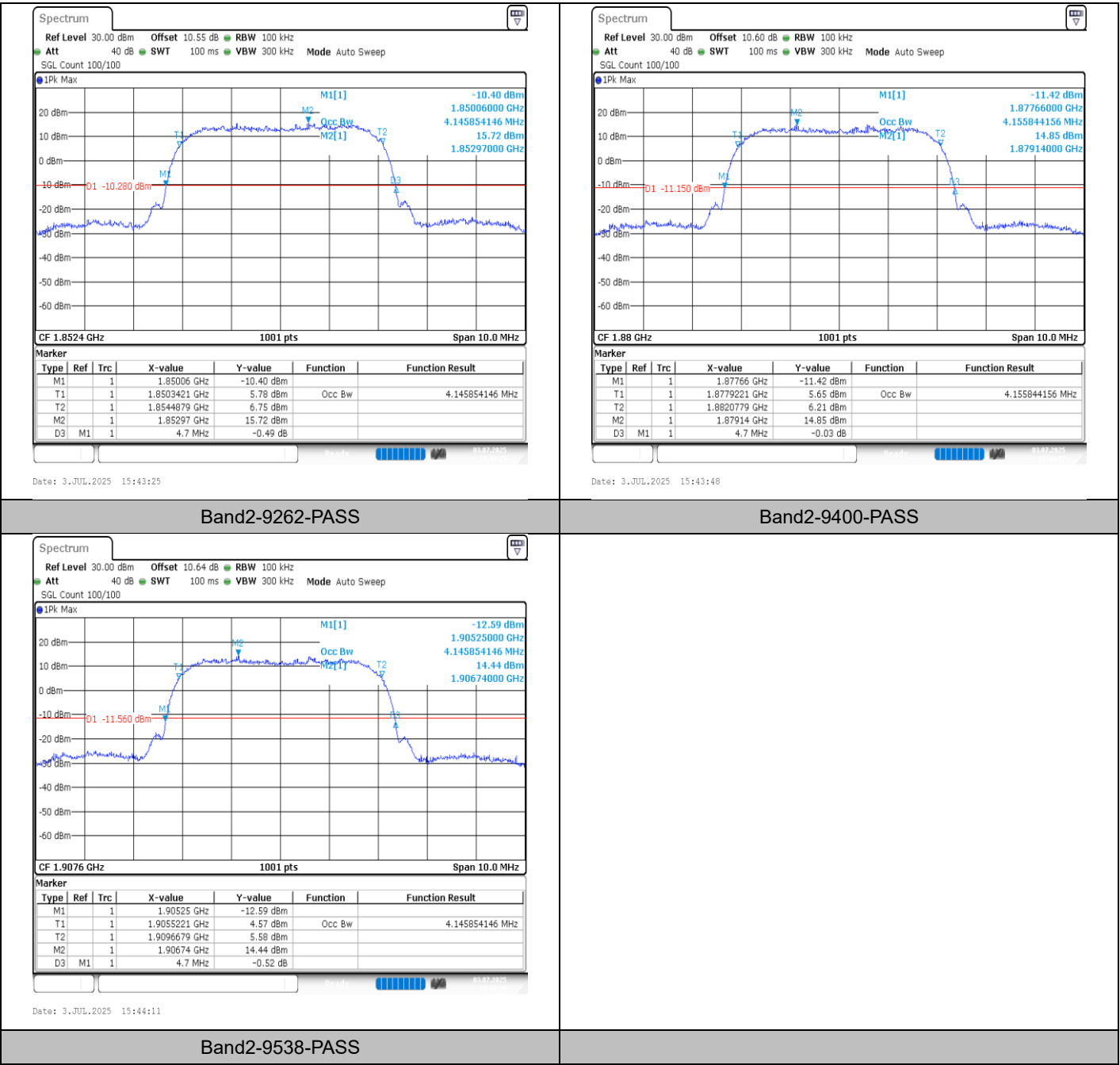


## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Channel | Occupied Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Limit(MHz) | Verdict |
|-------|---------|-----------------------------|-------------------------|------------|---------|
| Band2 | 9262    | 4.146                       | 4.70                    | ---        | PASS    |
| Band2 | 9400    | 4.156                       | 4.70                    | ---        | PASS    |
| Band2 | 9538    | 4.146                       | 4.70                    | ---        | PASS    |

Test Graphs

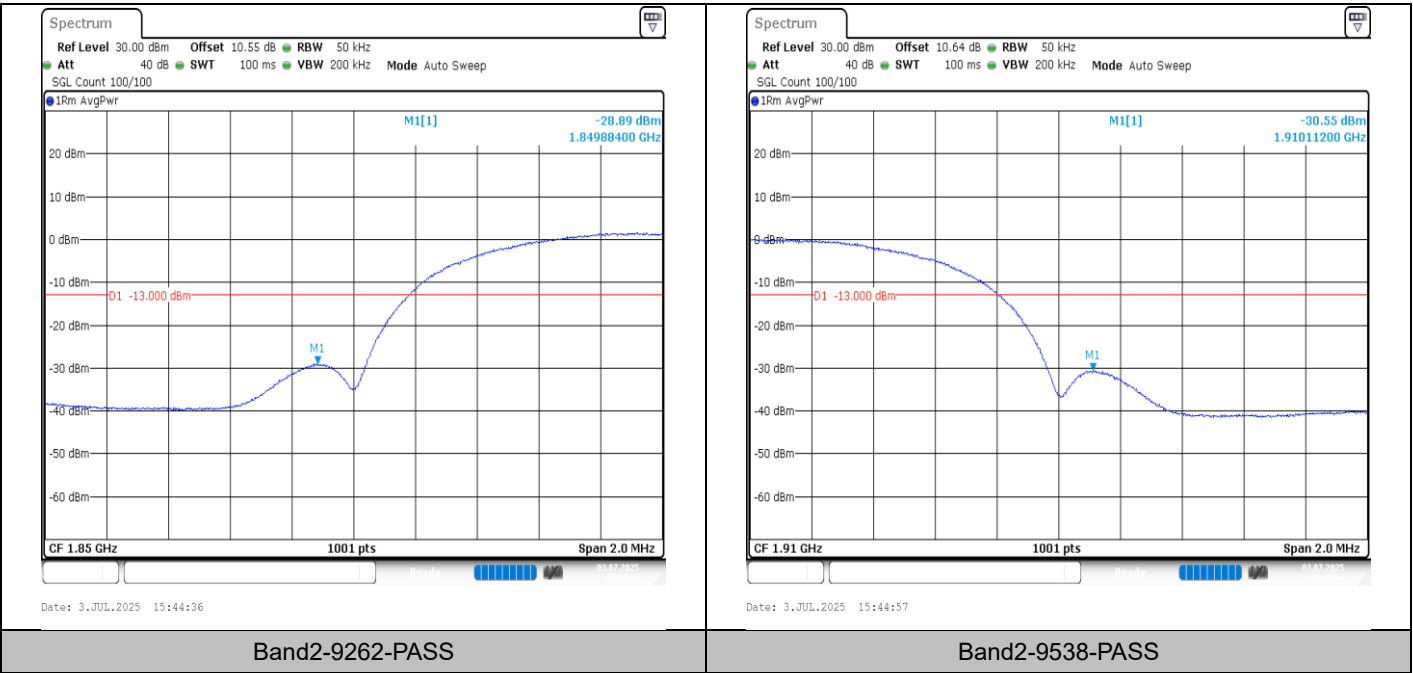


Appendix D: Band Edge

Test Result

| Band  | Channel | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|-----------------|--------------|------------|---------|
| Band2 | 9262    | 1849.88         | -28.89       | -13        | PASS    |
| Band2 | 9538    | 1910.11         | -30.55       | -13        | PASS    |

Test Graphs

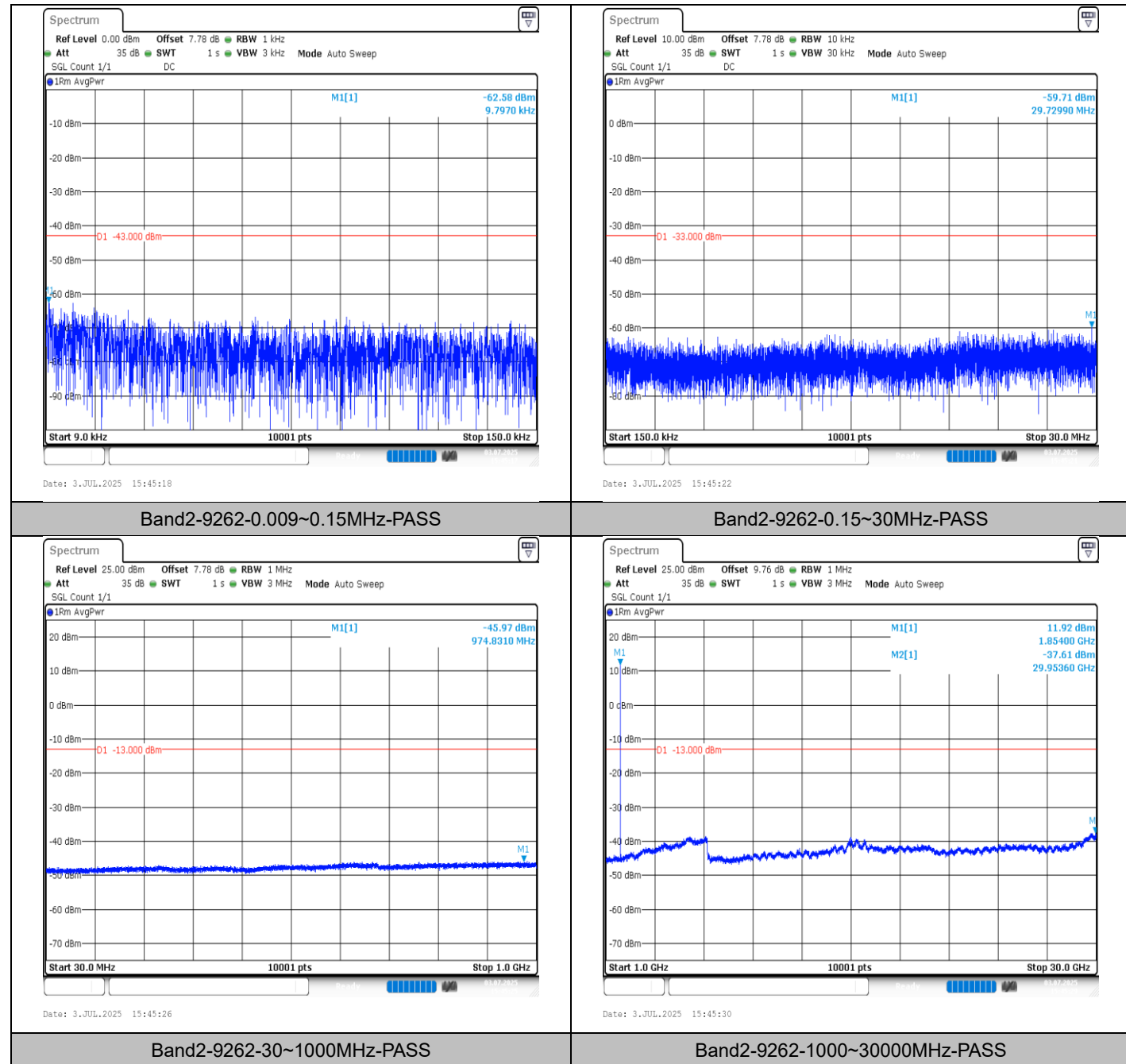


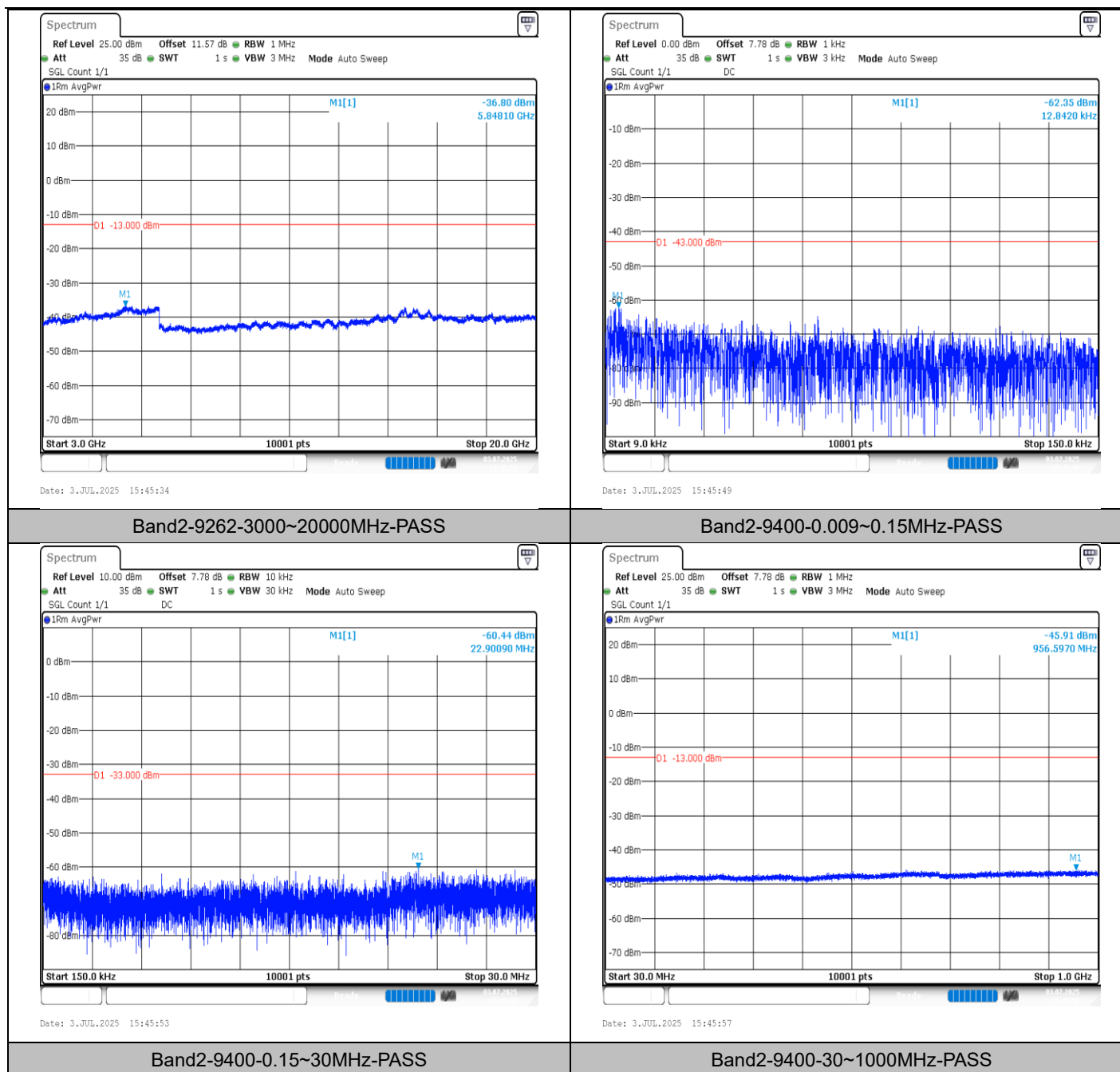
## Appendix E: Conducted Spurious Emission

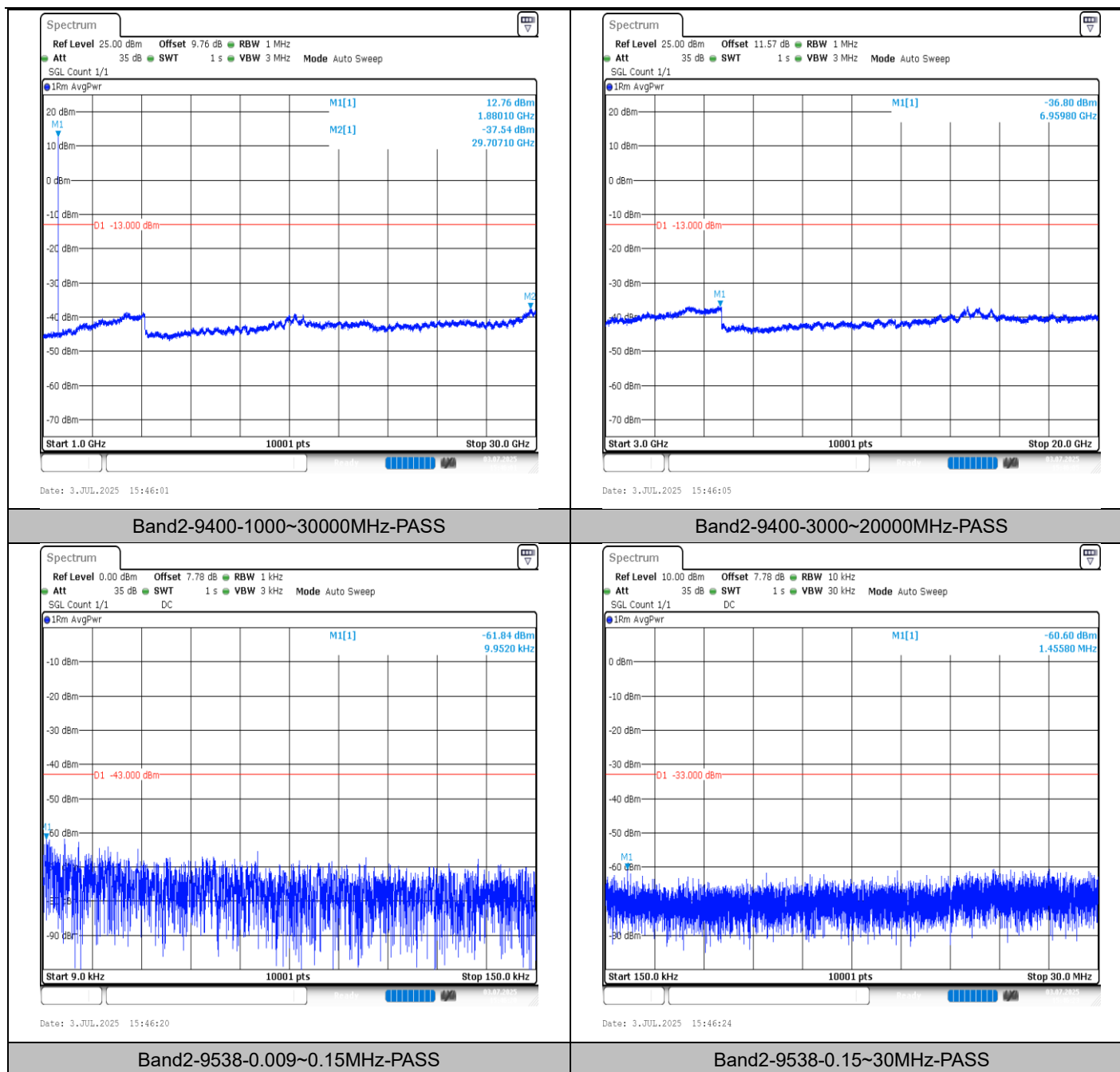
### Test Result

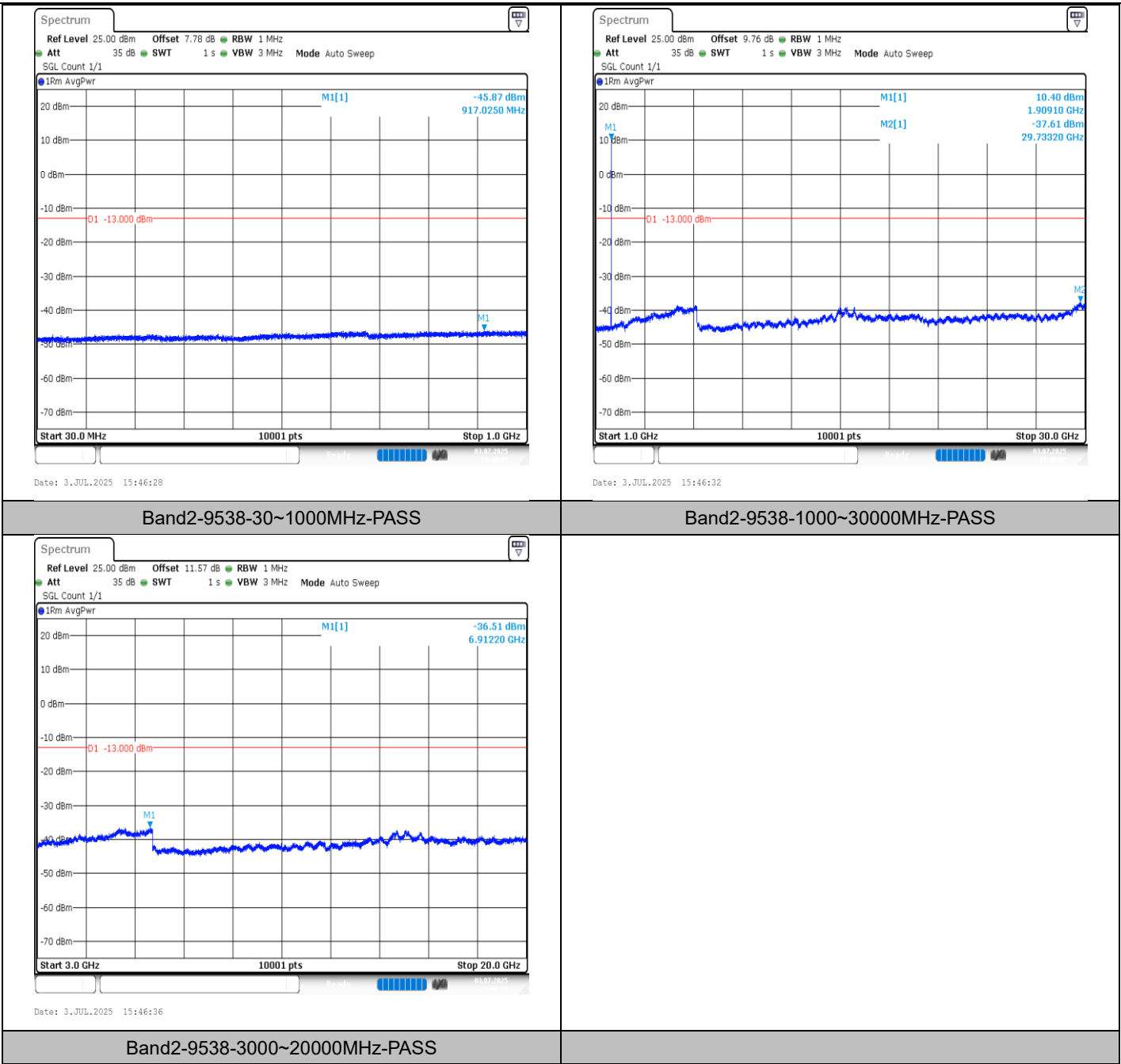
| Band  | Channel | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band2 | 9262    | 0.009~0.15MHz         | 0.01            | -62.58       | -43         | PASS    |
| Band2 | 9262    | 0.15~30MHz            | 29.73           | -59.71       | -33         | PASS    |
| Band2 | 9262    | 30~1000MHz            | 974.83          | -45.97       | -13         | PASS    |
| Band2 | 9262    | 1000~30000MHz         | 29953.6         | -37.61       | -13         | PASS    |
| Band2 | 9262    | 3000~20000MHz         | 5848.1          | -36.8        | -13         | PASS    |
| Band2 | 9400    | 0.009~0.15MHz         | 0.01            | -62.35       | -43         | PASS    |
| Band2 | 9400    | 0.15~30MHz            | 22.9            | -60.44       | -33         | PASS    |
| Band2 | 9400    | 30~1000MHz            | 956.6           | -45.91       | -13         | PASS    |
| Band2 | 9400    | 1000~30000MHz         | 29707.1         | -37.54       | -13         | PASS    |
| Band2 | 9400    | 3000~20000MHz         | 6959.8          | -36.8        | -13         | PASS    |
| Band2 | 9538    | 0.009~0.15MHz         | 0.01            | -61.84       | -43         | PASS    |
| Band2 | 9538    | 0.15~30MHz            | 1.46            | -60.6        | -33         | PASS    |
| Band2 | 9538    | 30~1000MHz            | 917.03          | -45.87       | -13         | PASS    |
| Band2 | 9538    | 1000~30000MHz         | 29733.2         | -37.61       | -13         | PASS    |
| Band2 | 9538    | 3000~20000MHz         | 6912.2          | -36.51       | -13         | PASS    |

## Test Graphs









## Appendix F: Frequency Stability

### Test Result

| Voltage |         |               |                  |                |                 |             |         |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2   | 9262    | VN            | NT               | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2   | 9262    | VL            | NT               | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2   | 9262    | VH            | NT               | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2   | 9400    | VN            | NT               | 5000.00        | 2.659574        | ±NA         | PASS    |
| Band2   | 9400    | VL            | NT               | 10000.00       | 5.319149        | ±NA         | PASS    |
| Band2   | 9400    | VH            | NT               | 10000.00       | 5.319149        | ±NA         | PASS    |
| Band2   | 9538    | VN            | NT               | -5000.00       | -2.621095       | ±NA         | PASS    |
| Band2   | 9538    | VL            | NT               | -5000.00       | -2.621095       | ±NA         | PASS    |
| Band2   | 9538    | VH            | NT               | -5000.00       | -2.621095       | ±NA         | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2       | 9262    | NV            | -30              | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2       | 9262    | NV            | -20              | 10000.00       | 5.398402        | ±NA         | PASS    |
| Band2       | 9262    | NV            | -10              | 20000.00       | 10.796804       | ±NA         | PASS    |
| Band2       | 9262    | NV            | 0                | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2       | 9262    | NV            | 10               | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2       | 9262    | NV            | 20               | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2       | 9262    | NV            | 30               | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2       | 9262    | NV            | 40               | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2       | 9262    | NV            | 50               | 15000.00       | 8.097603        | ±NA         | PASS    |
| Band2       | 9400    | NV            | -30              | 5000.00        | 2.659574        | ±NA         | PASS    |
| Band2       | 9400    | NV            | -20              | 5000.00        | 2.659574        | ±NA         | PASS    |
| Band2       | 9400    | NV            | -10              | 10000.00       | 5.319149        | ±NA         | PASS    |
| Band2       | 9400    | NV            | 0                | 5000.00        | 2.659574        | ±NA         | PASS    |
| Band2       | 9400    | NV            | 10               | 10000.00       | 5.319149        | ±NA         | PASS    |
| Band2       | 9400    | NV            | 20               | 5000.00        | 2.659574        | ±NA         | PASS    |
| Band2       | 9400    | NV            | 30               | 10000.00       | 5.319149        | ±NA         | PASS    |
| Band2       | 9400    | NV            | 40               | 5000.00        | 2.659574        | ±NA         | PASS    |
| Band2       | 9400    | NV            | 50               | 5000.00        | 2.659574        | ±NA         | PASS    |
| Band2       | 9538    | NV            | -30              | -5000.00       | -2.621095       | ±NA         | PASS    |
| Band2       | 9538    | NV            | -20              | -5000.00       | -2.621095       | ±NA         | PASS    |
| Band2       | 9538    | NV            | -10              | -5000.00       | -2.621095       | ±NA         | PASS    |

|       |      |    |    |          |           |     |      |
|-------|------|----|----|----------|-----------|-----|------|
| Band2 | 9538 | NV | 0  | -5000.00 | -2.621095 | ±NA | PASS |
| Band2 | 9538 | NV | 10 | -5000.00 | -2.621095 | ±NA | PASS |
| Band2 | 9538 | NV | 20 | -5000.00 | -2.621095 | ±NA | PASS |
| Band2 | 9538 | NV | 30 | 0.00     | 0.000000  | ±NA | PASS |
| Band2 | 9538 | NV | 40 | 0.00     | 0.000000  | ±NA | PASS |
| Band2 | 9538 | NV | 50 | -5000.00 | -2.621095 | ±NA | PASS |

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## Appendix G: Modulation Characteristics

### Test Result

| Band  | Channel | Result | Verdict |
|-------|---------|--------|---------|
| Band2 | 9262    | PASS   | PASS    |
| Band2 | 9400    | PASS   | PASS    |
| Band2 | 9538    | PASS   | PASS    |

Test Graphs

