

Appendix Test Data

|                  |                  |                    |             |
|------------------|------------------|--------------------|-------------|
| Report No:       | 1812C40178312504 | Test Sample NO:    | 1-2-2       |
| Start Test Date: | 2024.12.16       | Finish Test Date:  | 2024.12.30  |
| Test Engineer:   | Joker Wang       | Auditor:           | Justin Feng |
| Temperature:     | 24.3°C           | Relative Humidity: | 56%         |
| Pressure:        | 101 kPa          |                    |             |

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## Appendix A: Conducted Output Power

### Test Result(WCDMA)

| Band  | Channel | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|------------|------------|---------|
| Band5 | 4132    | 25.12      | 38.45      | PASS    |
| Band5 | 4182    | 24.86      | 38.45      | PASS    |
| Band5 | 4233    | 24.76      | 38.45      | PASS    |

### Test Result(HSDPA)

| Band  | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|------------|------------|---------|
| Band5 | 4132    | 1       | 24.18      | 38.45      | PASS    |
| Band5 | 4132    | 2       | 23.66      | 38.45      | PASS    |
| Band5 | 4132    | 3       | 23.64      | 38.45      | PASS    |
| Band5 | 4132    | 4       | 23.67      | 38.45      | PASS    |
| Band5 | 4182    | 1       | 23.91      | 38.45      | PASS    |
| Band5 | 4182    | 2       | 23.40      | 38.45      | PASS    |
| Band5 | 4182    | 3       | 23.44      | 38.45      | PASS    |
| Band5 | 4182    | 4       | 23.42      | 38.45      | PASS    |
| Band5 | 4233    | 1       | 23.71      | 38.45      | PASS    |
| Band5 | 4233    | 2       | 23.22      | 38.45      | PASS    |
| Band5 | 4233    | 3       | 23.30      | 38.45      | PASS    |
| Band5 | 4233    | 4       | 23.26      | 38.45      | PASS    |

### Test Result(HSUPA)

| Band  | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|------------|------------|---------|
| Band5 | 4132    | 1       | 22.69      | 38.45      | PASS    |
| Band5 | 4132    | 2       | 22.23      | 38.45      | PASS    |
| Band5 | 4132    | 3       | 23.18      | 38.45      | PASS    |
| Band5 | 4132    | 4       | 21.70      | 38.45      | PASS    |
| Band5 | 4132    | 5       | 24.28      | 38.45      | PASS    |
| Band5 | 4182    | 1       | 22.50      | 38.45      | PASS    |
| Band5 | 4182    | 2       | 22.00      | 38.45      | PASS    |
| Band5 | 4182    | 3       | 22.99      | 38.45      | PASS    |
| Band5 | 4182    | 4       | 21.51      | 38.45      | PASS    |
| Band5 | 4182    | 5       | 24.02      | 38.45      | PASS    |
| Band5 | 4233    | 1       | 22.33      | 38.45      | PASS    |
| Band5 | 4233    | 2       | 21.86      | 38.45      | PASS    |
| Band5 | 4233    | 3       | 22.85      | 38.45      | PASS    |
| Band5 | 4233    | 4       | 21.39      | 38.45      | PASS    |
| Band5 | 4233    | 5       | 23.85      | 38.45      | PASS    |

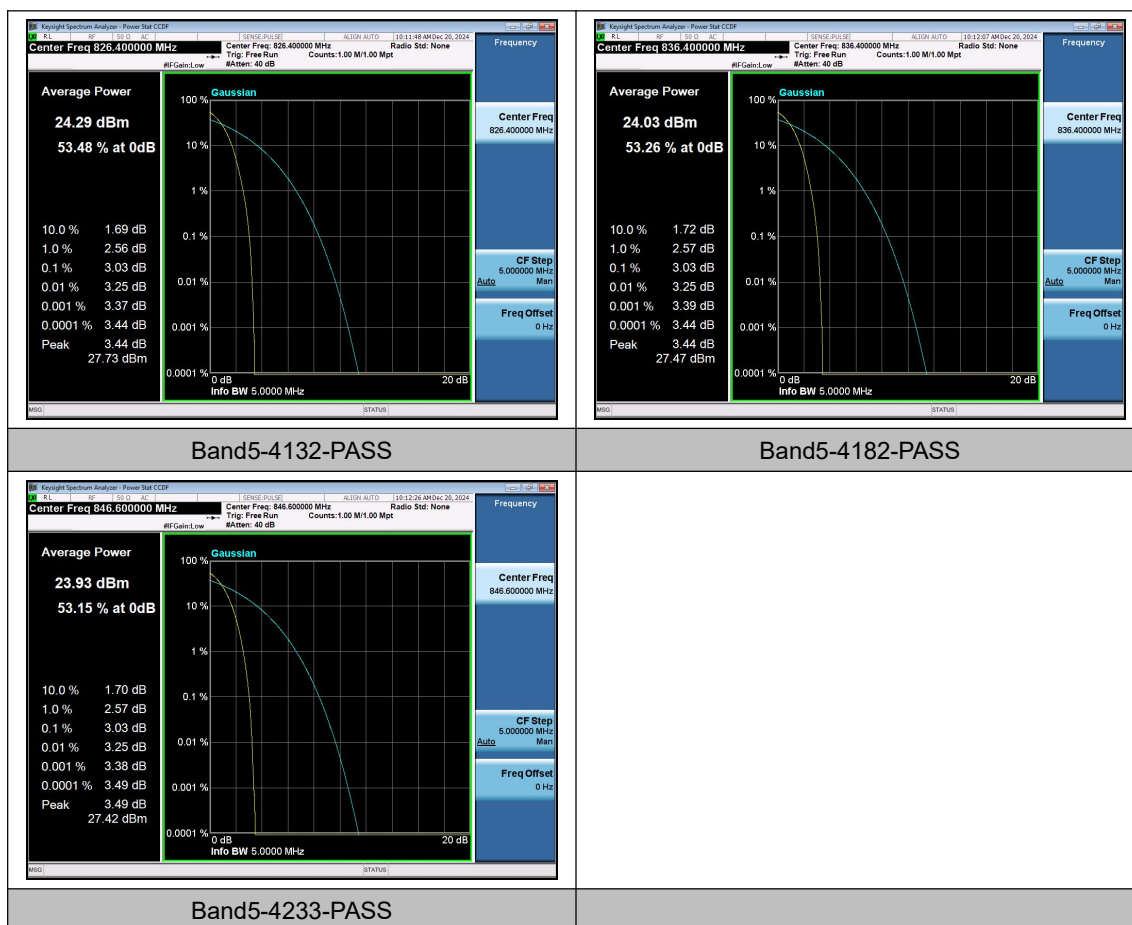


## Appendix B: Peak-to-Average Ratio

### Test Result

| Band  | Channel | Peak-to-Average Ratio(dB) | Limit(dBm) | Verdict |
|-------|---------|---------------------------|------------|---------|
| Band5 | 4132    | 3.03                      | 13         | PASS    |
| Band5 | 4182    | 3.03                      | 13         | PASS    |
| Band5 | 4233    | 3.03                      | 13         | PASS    |

### Test Graphs

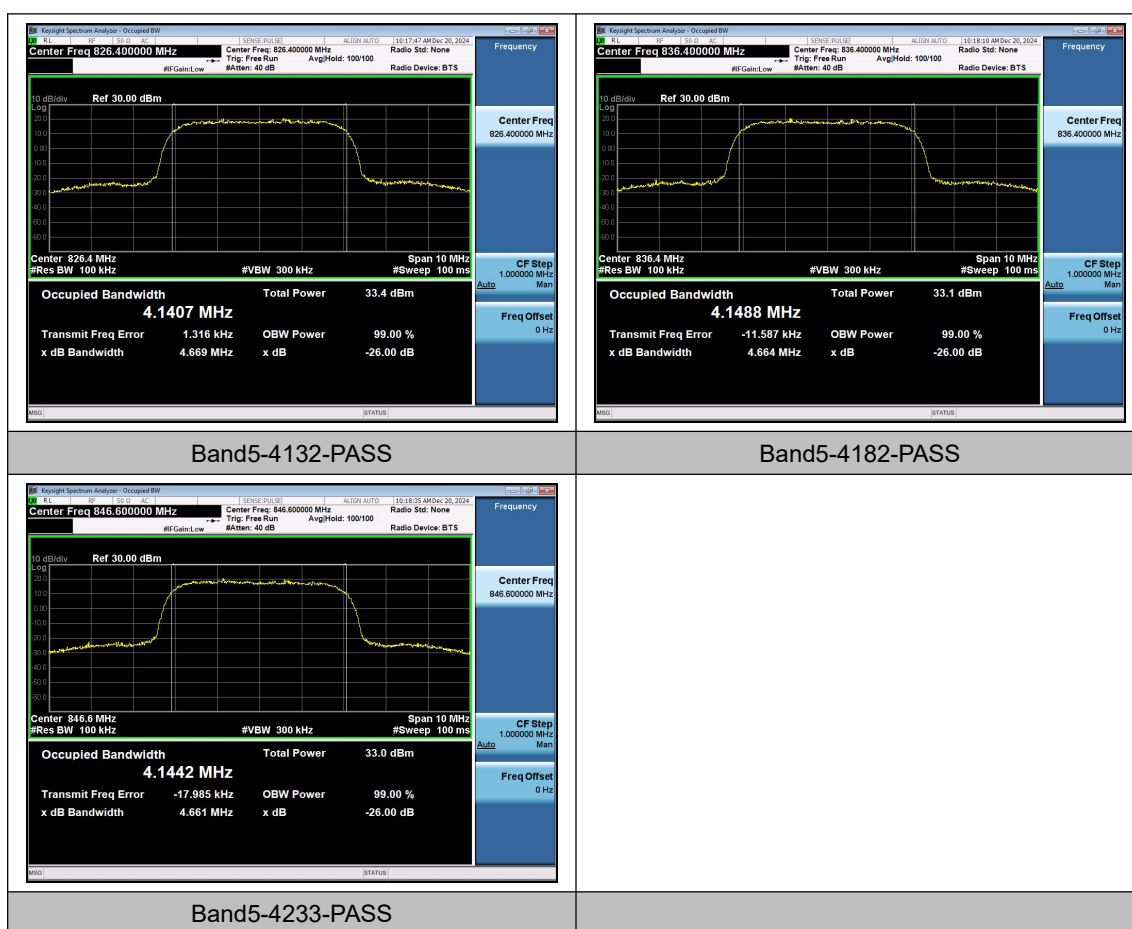


## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit(MHz) | Verdict |
|-------|---------|--------------------------|----------------------|------------|---------|
| Band5 | 4132    | 4.1407                   | 4.669                | ---        | PASS    |
| Band5 | 4182    | 4.1488                   | 4.664                | ---        | PASS    |
| Band5 | 4233    | 4.1442                   | 4.661                | ---        | PASS    |

### Test Graphs

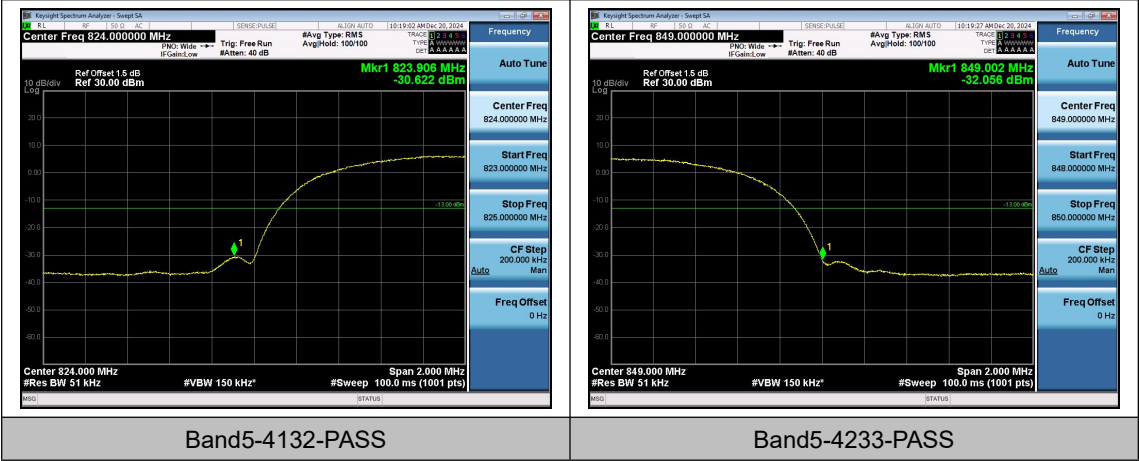


Appendix D: Band Edge

Test Result

| Band  | Channel | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|-----------------|--------------|------------|---------|
| Band5 | 4132    | 823.91          | -30.62       | -13        | PASS    |
| Band5 | 4233    | 849.00          | -32.06       | -13        | PASS    |

Test Graphs



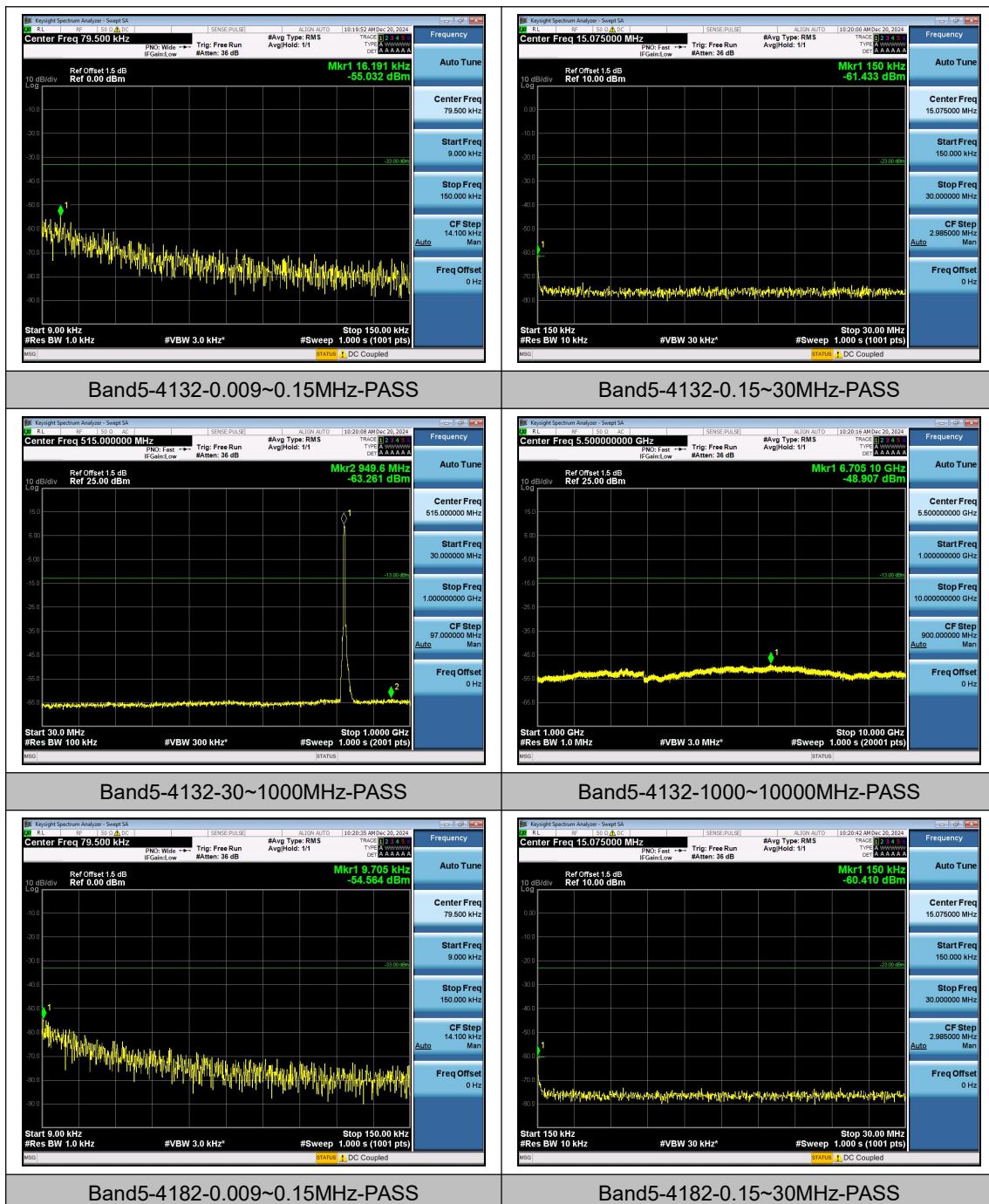
## Appendix E: Conducted Spurious Emission

### Test Result

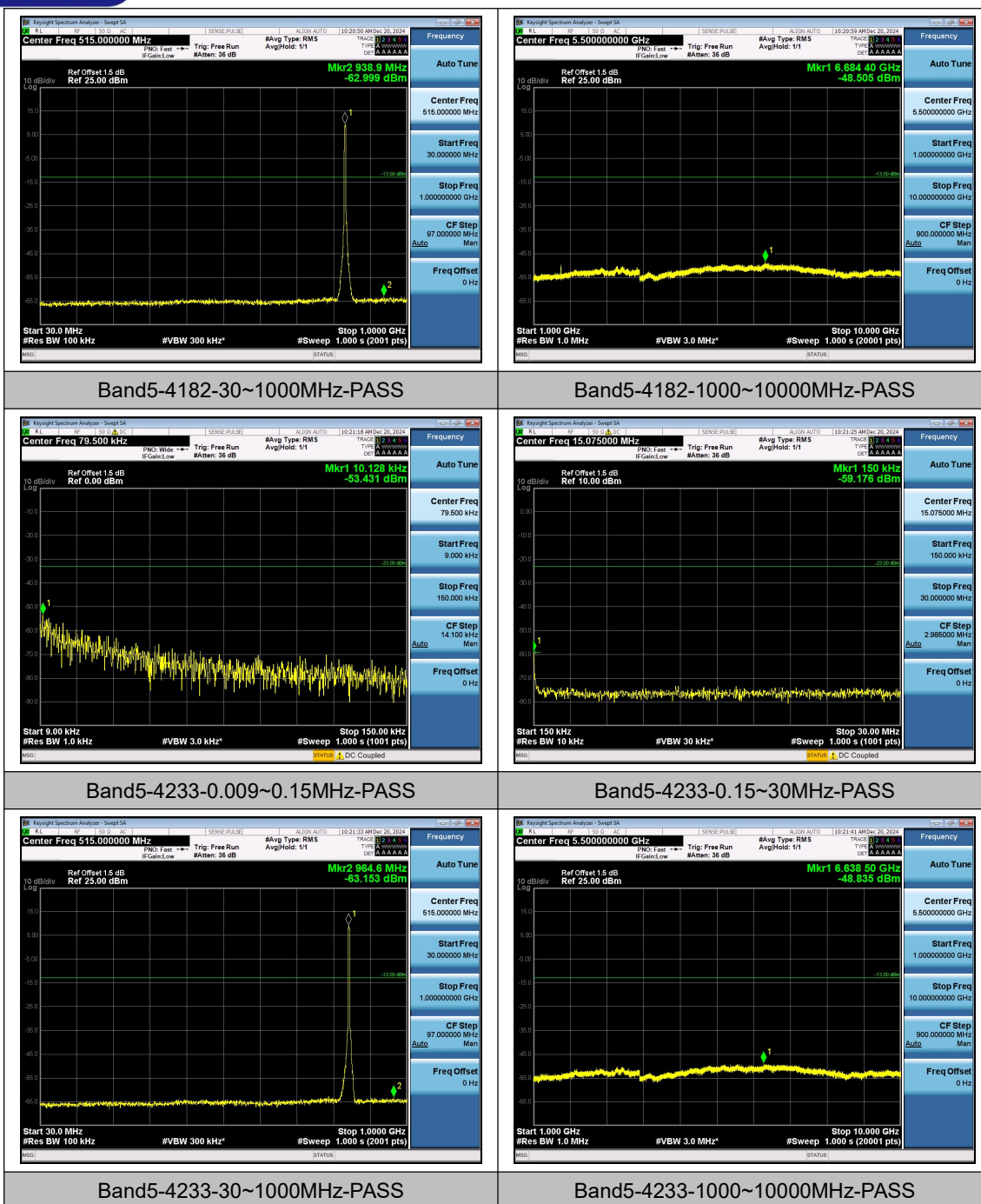
| Band  | Channel | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band5 | 4132    | 0.009~0.15MHz         | 0.02            | -55.03       | -33         | PASS    |
| Band5 | 4132    | 0.15~30MHz            | 0.15            | -61.43       | -23         | PASS    |
| Band5 | 4132    | 30~1000MHz            | 949.56          | -63.26       | -13         | PASS    |
| Band5 | 4132    | 1000~10000MHz         | 6705.1          | -48.91       | -13         | PASS    |
| Band5 | 4182    | 0.009~0.15MHz         | 0.01            | -54.56       | -33         | PASS    |
| Band5 | 4182    | 0.15~30MHz            | 0.15            | -60.41       | -23         | PASS    |
| Band5 | 4182    | 30~1000MHz            | 938.89          | -63          | -13         | PASS    |
| Band5 | 4182    | 1000~10000MHz         | 6684.4          | -48.51       | -13         | PASS    |
| Band5 | 4233    | 0.009~0.15MHz         | 0.01            | -53.43       | -33         | PASS    |
| Band5 | 4233    | 0.15~30MHz            | 0.15            | -59.18       | -23         | PASS    |
| Band5 | 4233    | 30~1000MHz            | 964.6           | -63.15       | -13         | PASS    |
| Band5 | 4233    | 1000~10000MHz         | 6638.5          | -48.84       | -13         | PASS    |



## Test Graphs









## Appendix F: Frequency Stability

### Test Result

| Voltage |         |               |                  |                |                 |             |         |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | VN            | NT               | -3.48          | -0.004211       | ±2.5        | PASS    |
| Band5   | 4132    | VL            | NT               | -3.18          | -0.003848       | ±2.5        | PASS    |
| Band5   | 4132    | VH            | NT               | -2.60          | -0.003146       | ±2.5        | PASS    |
| Band5   | 4182    | VN            | NT               | 2.56           | 0.003061        | ±2.5        | PASS    |
| Band5   | 4182    | VL            | NT               | -2.22          | -0.002654       | ±2.5        | PASS    |
| Band5   | 4182    | VH            | NT               | -1.78          | -0.002128       | ±2.5        | PASS    |
| Band5   | 4233    | VN            | NT               | -0.82          | -0.000969       | ±2.5        | PASS    |
| Band5   | 4233    | VL            | NT               | -0.51          | -0.000602       | ±2.5        | PASS    |
| Band5   | 4233    | VH            | NT               | -0.74          | -0.000874       | ±2.5        | PASS    |



| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | NV            | -30              | -5.32          | -0.006438       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -20              | -2.13          | -0.002577       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -10              | -2.28          | -0.002759       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 0                | -0.44          | -0.000532       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 10               | -3.36          | -0.004066       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 20               | -4.13          | -0.004998       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 30               | -2.32          | -0.002807       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 40               | -2.13          | -0.002577       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 50               | -3.96          | -0.004792       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -30              | -0.38          | -0.000454       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -20              | -0.71          | -0.000849       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -10              | -0.78          | -0.000933       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 0                | -0.99          | -0.001184       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 10               | 0.25           | 0.000299        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 20               | -0.77          | -0.000921       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 30               | -1.10          | -0.001315       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 40               | -1.48          | -0.001769       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 50               | -2.75          | -0.003288       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -30              | -0.31          | -0.000366       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -20              | 0.51           | 0.000602        | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -10              | -2.37          | -0.002799       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 0                | 0.85           | 0.001004        | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 10               | 0.13           | 0.000154        | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 20               | -0.96          | -0.001134       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 30               | -0.31          | -0.000366       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 40               | -0.26          | -0.000307       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 50               | -0.79          | -0.000933       | ±2.5        | PASS    |

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