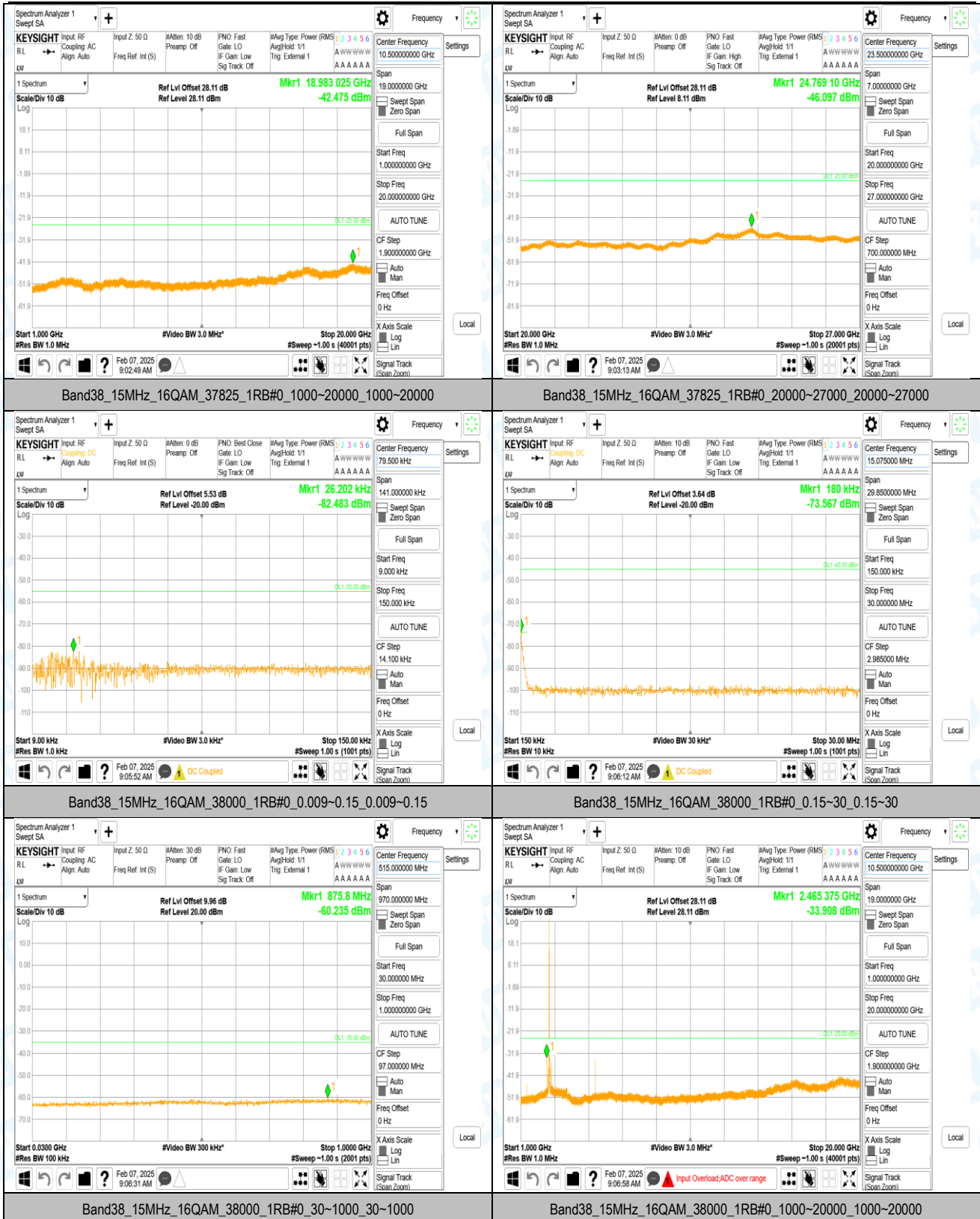
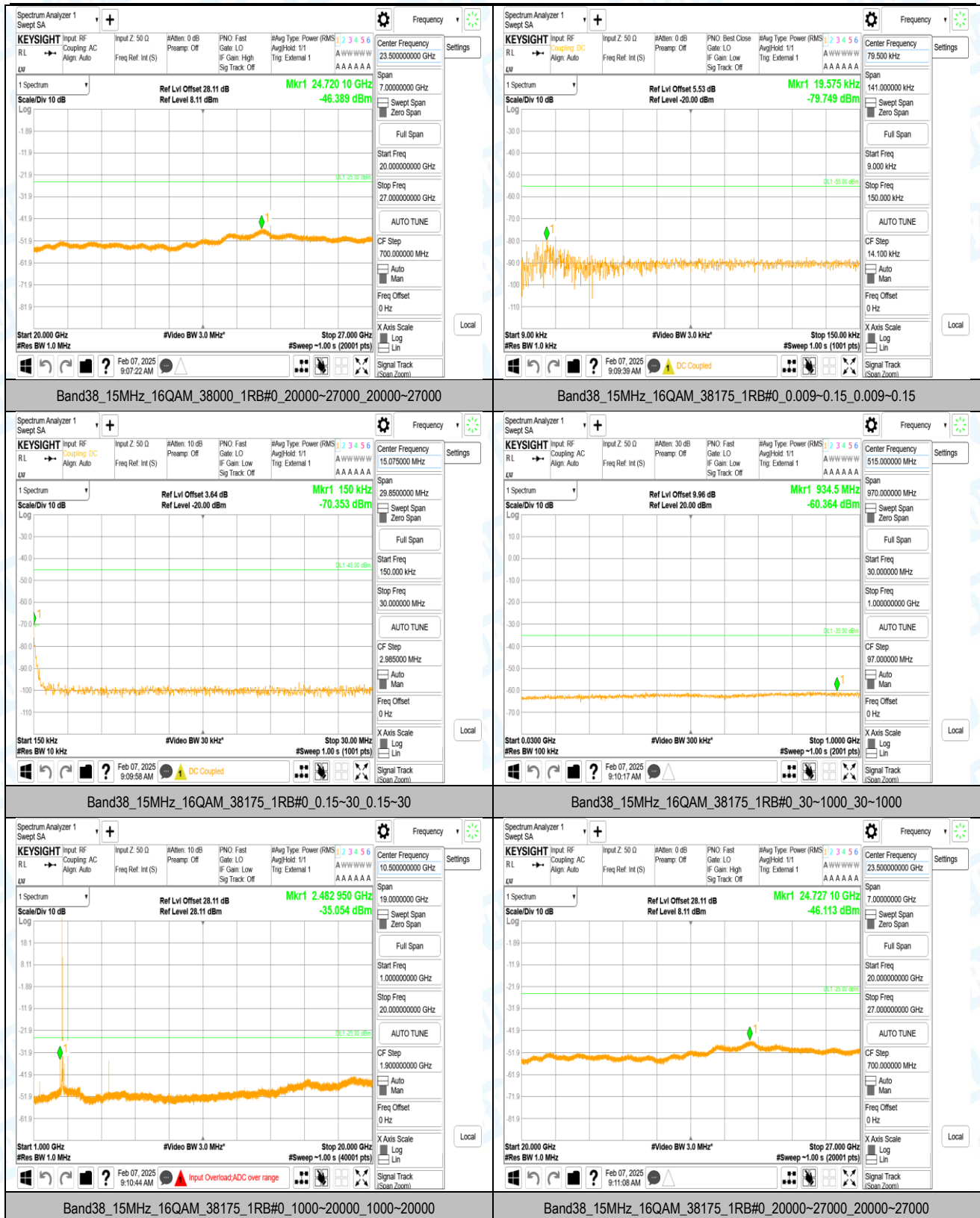


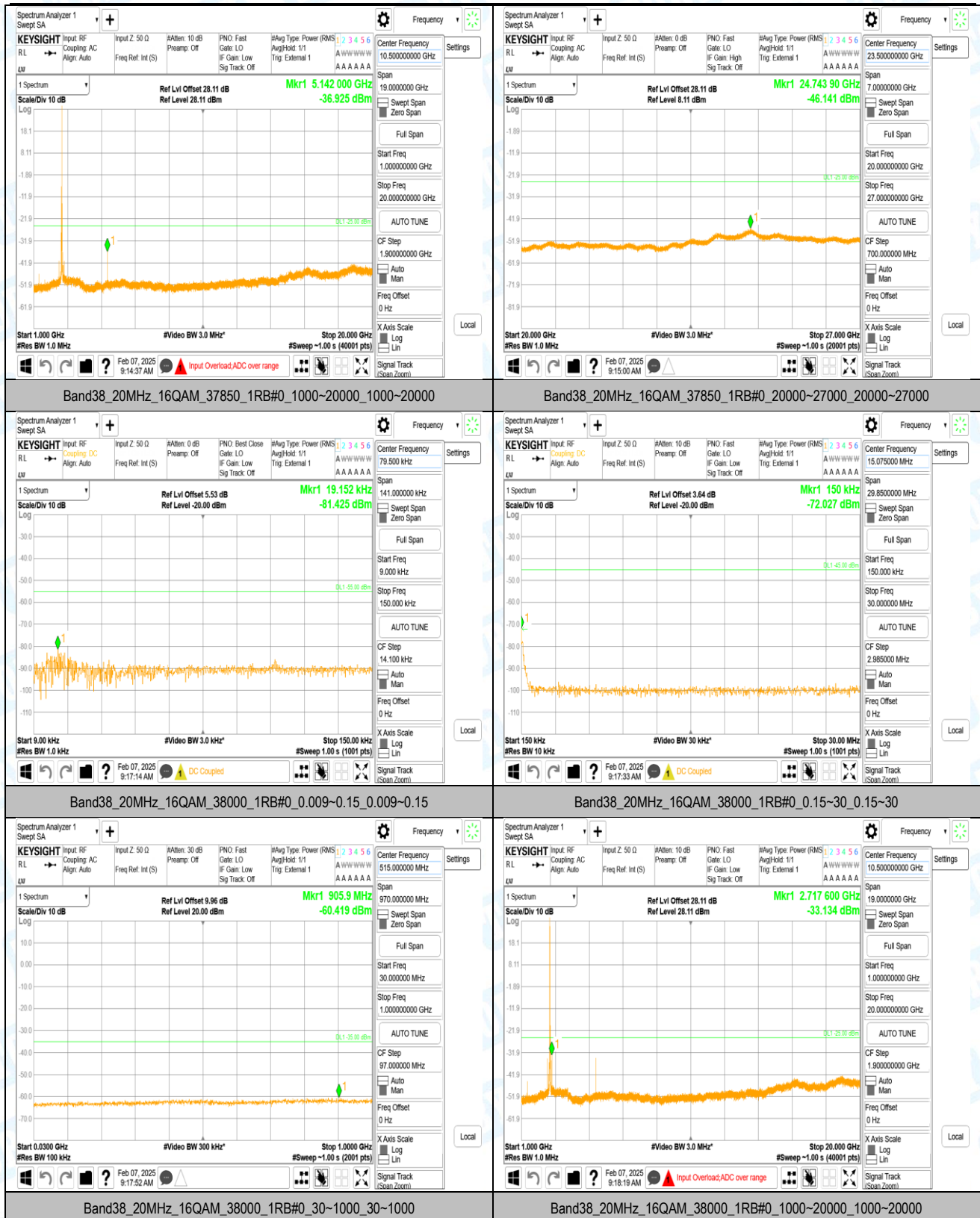


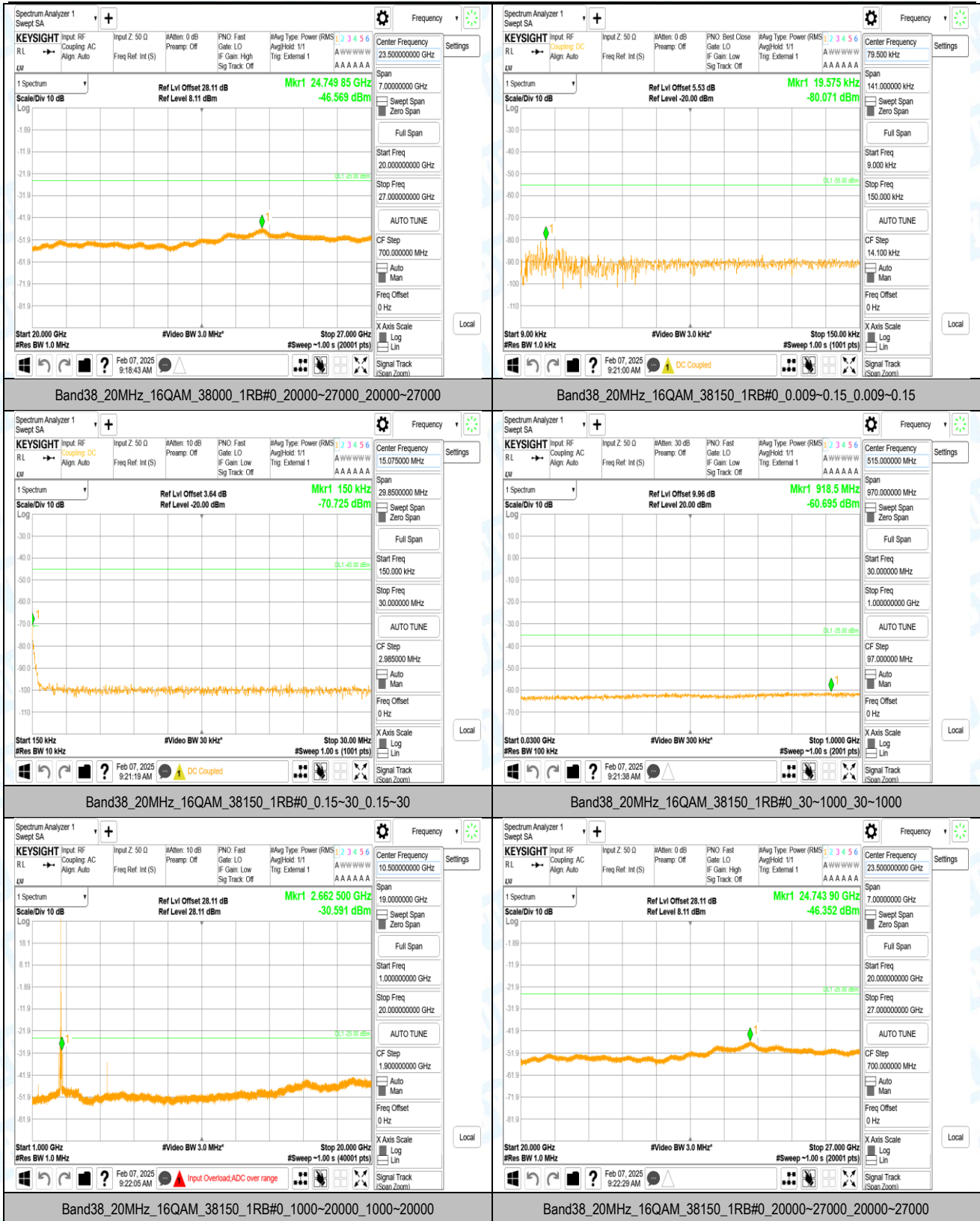












## 6: Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band38  | 5MHz      | QPSK       | 38000   | 25RB#0       | VN            | NT               | 22.22          | 0.008563        | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 38000   | 25RB#0       | VL            | NT               | 6.89           | 0.002655        | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 38000   | 25RB#0       | VH            | NT               | -6.05          | -0.002331       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38000   | 25RB#0       | VN            | NT               | -15.17         | -0.005846       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38000   | 25RB#0       | VL            | NT               | 32.18          | 0.012401        | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38000   | 25RB#0       | VH            | NT               | 27.86          | 0.010736        | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38000   | 50RB#0       | VN            | NT               | 36.63          | 0.014116        | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38000   | 50RB#0       | VL            | NT               | 16.42          | 0.006328        | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38000   | 50RB#0       | VH            | NT               | -8.69          | -0.003349       | ±2.5        | PASS    |
| Band38  | 10MHz     | 16QAM      | 38000   | 50RB#0       | VN            | NT               | -28.88         | -0.011129       | ±2.5        | PASS    |
| Band38  | 10MHz     | 16QAM      | 38000   | 50RB#0       | VL            | NT               | 9.91           | 0.003819        | ±2.5        | PASS    |
| Band38  | 10MHz     | 16QAM      | 38000   | 50RB#0       | VH            | NT               | 46.42          | 0.017888        | ±2.5        | PASS    |
| Band38  | 15MHz     | QPSK       | 38000   | 75RB#0       | VN            | NT               | 27.14          | 0.010459        | ±2.5        | PASS    |
| Band38  | 15MHz     | QPSK       | 38000   | 75RB#0       | VL            | NT               | 34.04          | 0.013118        | ±2.5        | PASS    |
| Band38  | 15MHz     | QPSK       | 38000   | 75RB#0       | VH            | NT               | 43.59          | 0.016798        | ±2.5        | PASS    |
| Band38  | 15MHz     | 16QAM      | 38000   | 75RB#0       | VN            | NT               | 25.11          | 0.009676        | ±2.5        | PASS    |
| Band38  | 15MHz     | 16QAM      | 38000   | 75RB#0       | VL            | NT               | -7.10          | -0.002736       | ±2.5        | PASS    |
| Band38  | 15MHz     | 16QAM      | 38000   | 75RB#0       | VH            | NT               | 27.47          | 0.010586        | ±2.5        | PASS    |
| Band38  | 20MHz     | QPSK       | 38000   | 100RB#0      | VN            | NT               | 42.72          | 0.016462        | ±2.5        | PASS    |
| Band38  | 20MHz     | QPSK       | 38000   | 100RB#0      | VL            | NT               | -26.06         | -0.010042       | ±2.5        | PASS    |
| Band38  | 20MHz     | QPSK       | 38000   | 100RB#0      | VH            | NT               | -21.91         | -0.008443       | ±2.5        | PASS    |
| Band38  | 20MHz     | 16QAM      | 38000   | 100RB#0      | VN            | NT               | -18.72         | -0.007214       | ±2.5        | PASS    |
| Band38  | 20MHz     | 16QAM      | 38000   | 100RB#0      | VL            | NT               | 11.25          | 0.004335        | ±2.5        | PASS    |
| Band38  | 20MHz     | 16QAM      | 38000   | 100RB#0      | VH            | NT               | 33.98          | 0.013094        | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV            | 0                | -12.60         | -0.004855       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV            | 10               | -14.01         | -0.005399       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV            | 20               | -14.25         | -0.005491       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV            | 30               | -17.33         | -0.006678       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV            | 0                | 50.83          | 0.019588        | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV            | 10               | 31.46          | 0.012123        | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV            | 20               | 46.67          | 0.017985        | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV            | 30               | -10.96         | -0.004224       | ±2.5        | PASS    |
| Band38      | 10MHz     | QPSK       | 38000   | 50RB#0       | NV            | 0                | -11.66         | -0.004493       | ±2.5        | PASS    |
| Band38      | 10MHz     | QPSK       | 38000   | 50RB#0       | NV            | 10               | -21.58         | -0.008316       | ±2.5        | PASS    |
| Band38      | 10MHz     | QPSK       | 38000   | 50RB#0       | NV            | 20               | -26.94         | -0.010382       | ±2.5        | PASS    |
| Band38      | 10MHz     | QPSK       | 38000   | 50RB#0       | NV            | 30               | -26.86         | -0.010351       | ±2.5        | PASS    |
| Band38      | 10MHz     | 16QAM      | 38000   | 50RB#0       | NV            | 0                | 9.46           | 0.003645        | ±2.5        | PASS    |
| Band38      | 10MHz     | 16QAM      | 38000   | 50RB#0       | NV            | 10               | 28.16          | 0.010852        | ±2.5        | PASS    |
| Band38      | 10MHz     | 16QAM      | 38000   | 50RB#0       | NV            | 20               | 45.17          | 0.017407        | ±2.5        | PASS    |
| Band38      | 10MHz     | 16QAM      | 38000   | 50RB#0       | NV            | 30               | -6.17          | -0.002378       | ±2.5        | PASS    |
| Band38      | 15MHz     | QPSK       | 38000   | 75RB#0       | NV            | 0                | 53.15          | 0.020482        | ±2.5        | PASS    |
| Band38      | 15MHz     | QPSK       | 38000   | 75RB#0       | NV            | 10               | -6.18          | -0.002382       | ±2.5        | PASS    |
| Band38      | 15MHz     | QPSK       | 38000   | 75RB#0       | NV            | 20               | 9.90           | 0.003815        | ±2.5        | PASS    |
| Band38      | 15MHz     | QPSK       | 38000   | 75RB#0       | NV            | 30               | 13.69          | 0.005276        | ±2.5        | PASS    |
| Band38      | 15MHz     | 16QAM      | 38000   | 75RB#0       | NV            | 0                | 51.26          | 0.019753        | ±2.5        | PASS    |
| Band38      | 15MHz     | 16QAM      | 38000   | 75RB#0       | NV            | 10               | 27.21          | 0.010486        | ±2.5        | PASS    |
| Band38      | 15MHz     | 16QAM      | 38000   | 75RB#0       | NV            | 20               | 44.32          | 0.017079        | ±2.5        | PASS    |
| Band38      | 15MHz     | 16QAM      | 38000   | 75RB#0       | NV            | 30               | -12.84         | -0.004948       | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 0                | -39.24         | -0.015121       | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 10               | -52.77         | -0.020335       | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 20               | -10.55         | -0.004066       | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 30               | -14.07         | -0.005422       | ±2.5        | PASS    |
| Band38      | 20MHz     | 16QAM      | 38000   | 100RB#0      | NV            | 0                | 48.30          | 0.018613        | ±2.5        | PASS    |
| Band38      | 20MHz     | 16QAM      | 38000   | 100RB#0      | NV            | 10               | 17.99          | 0.006933        | ±2.5        | PASS    |
| Band38      | 20MHz     | 16QAM      | 38000   | 100RB#0      | NV            | 20               | 28.42          | 0.010952        | ±2.5        | PASS    |
| Band38      | 20MHz     | 16QAM      | 38000   | 100RB#0      | NV            | 30               | 29.71          | 0.011449        | ±2.5        | PASS    |

-----END OF THE REPORT-----