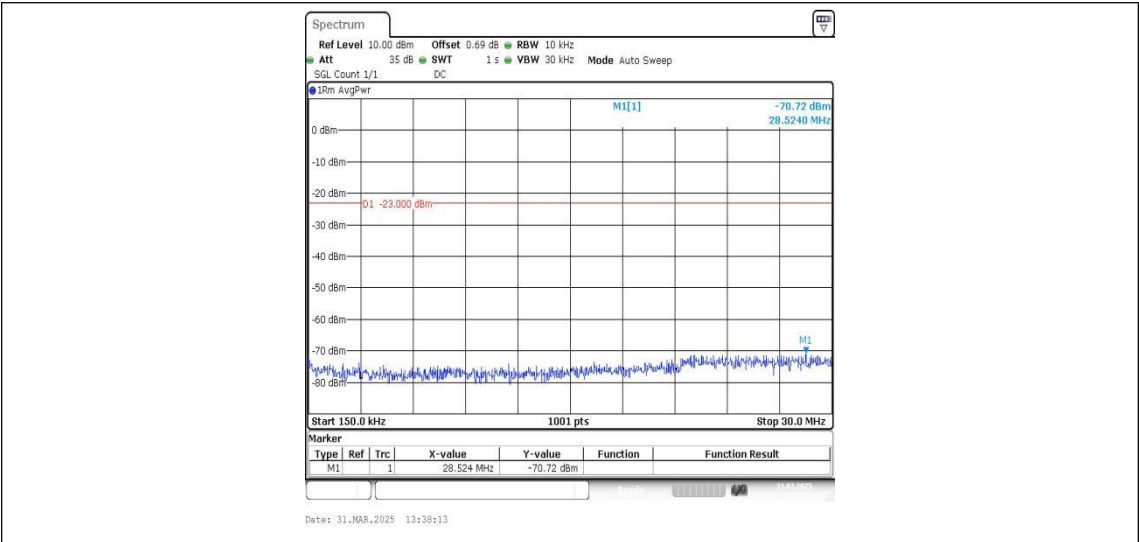
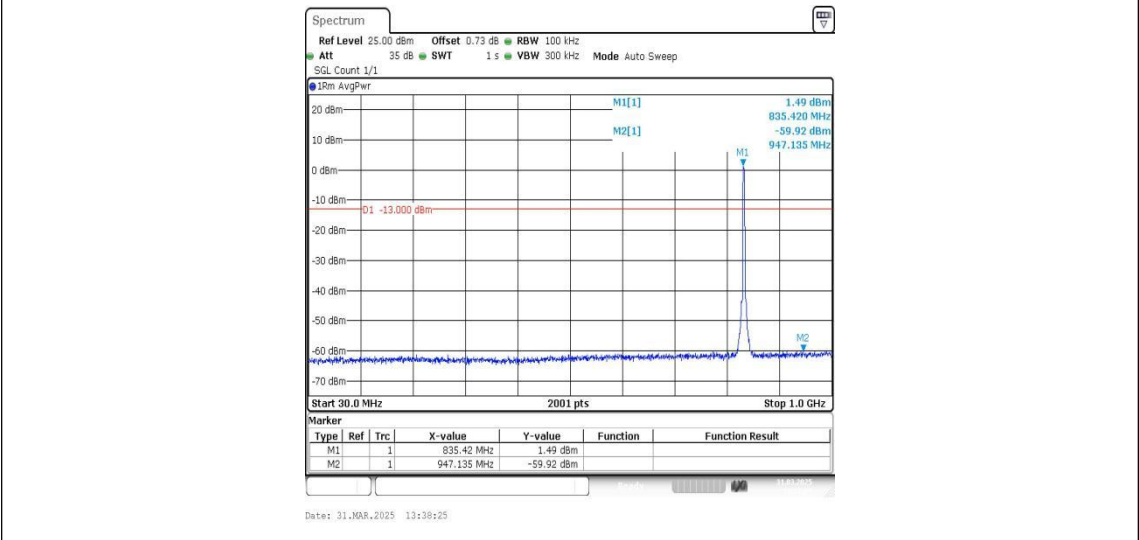
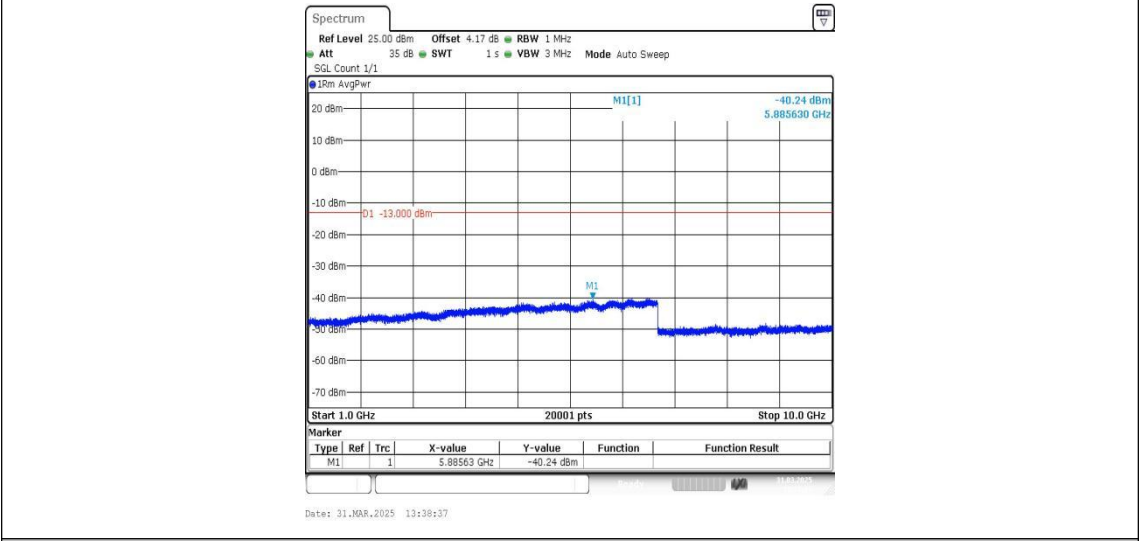




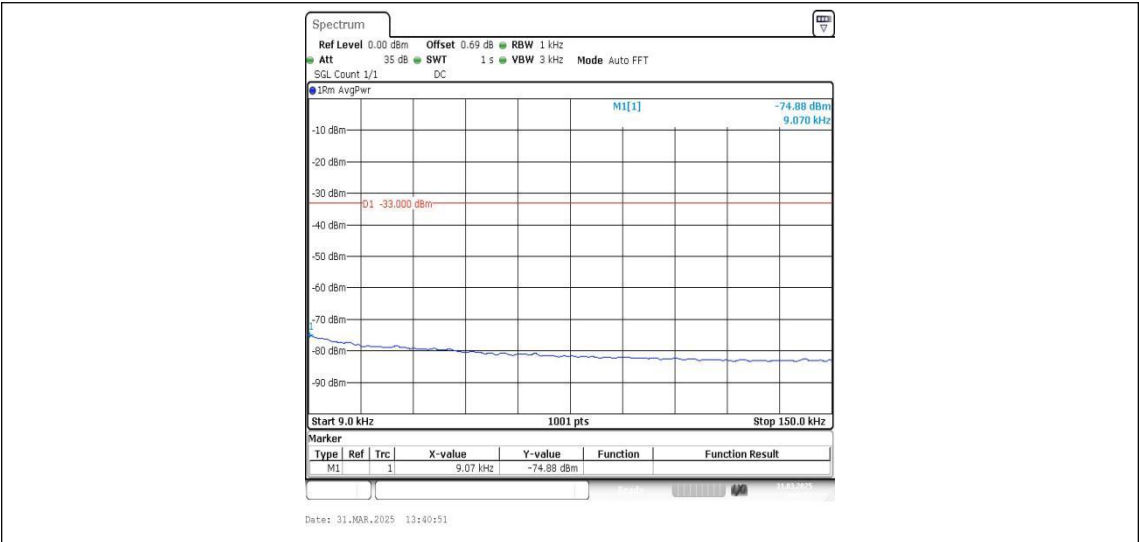
Band5-4182-4-0.15~30MHz-PASS



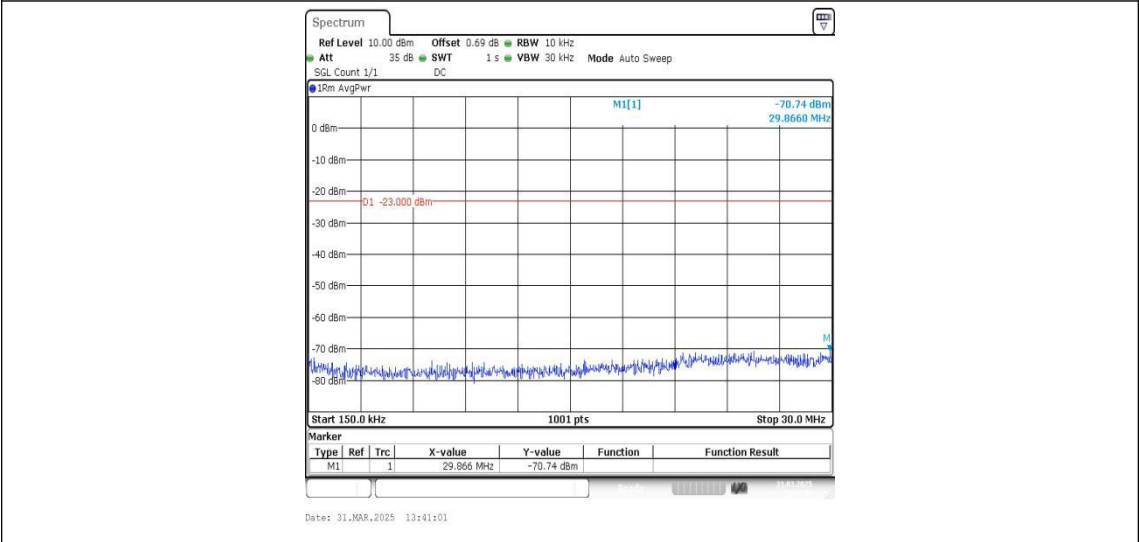
Band5-4182-4-30~1000MHz-PASS



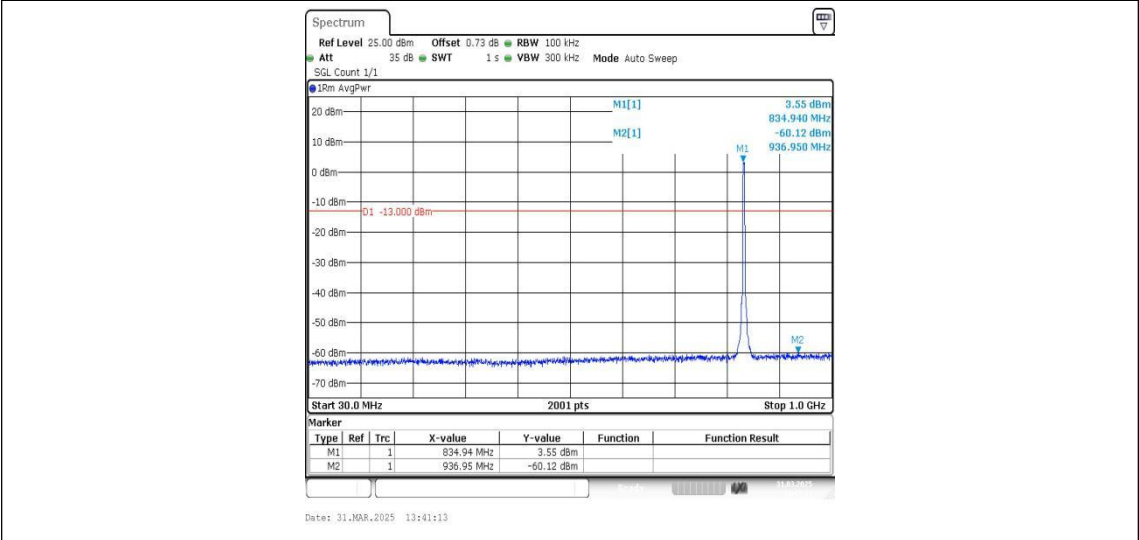
Band5-4182-4-1000~10000MHz-PASS



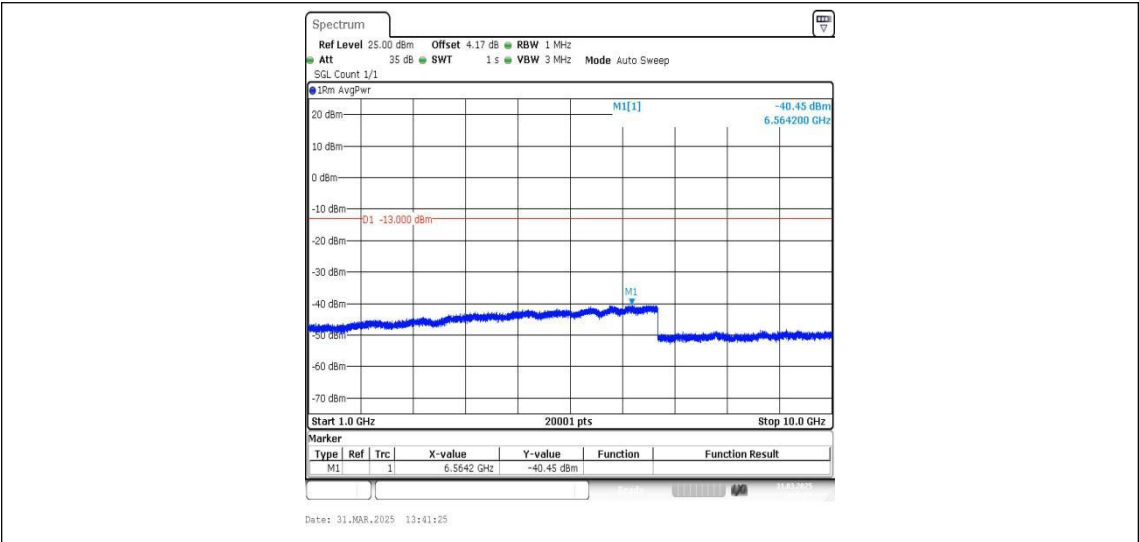
Band5-4182-5-0.009~0.15MHz-PASS



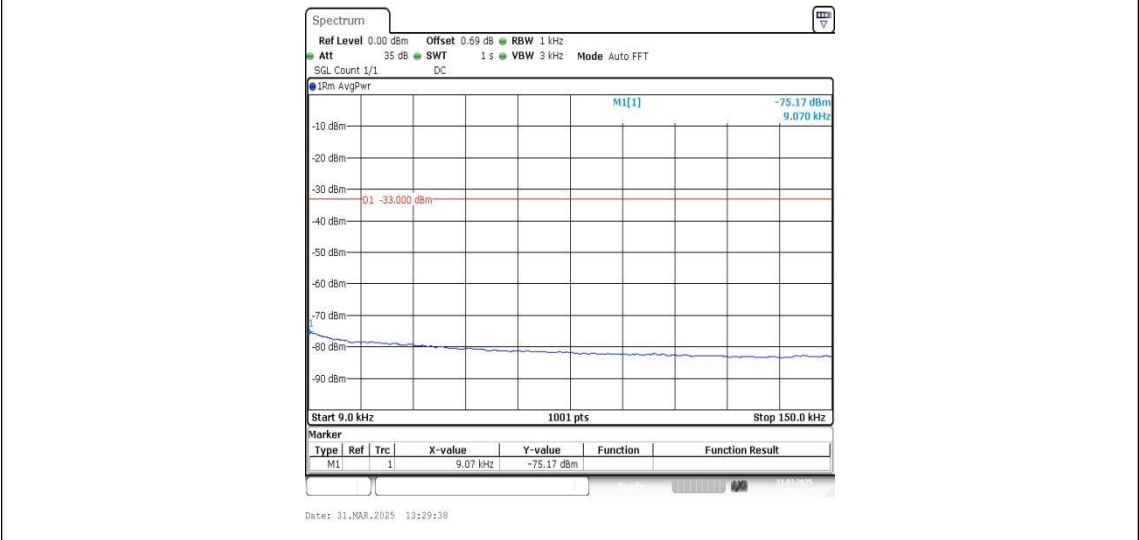
Band5-4182-5-0.15~30MHz-PASS



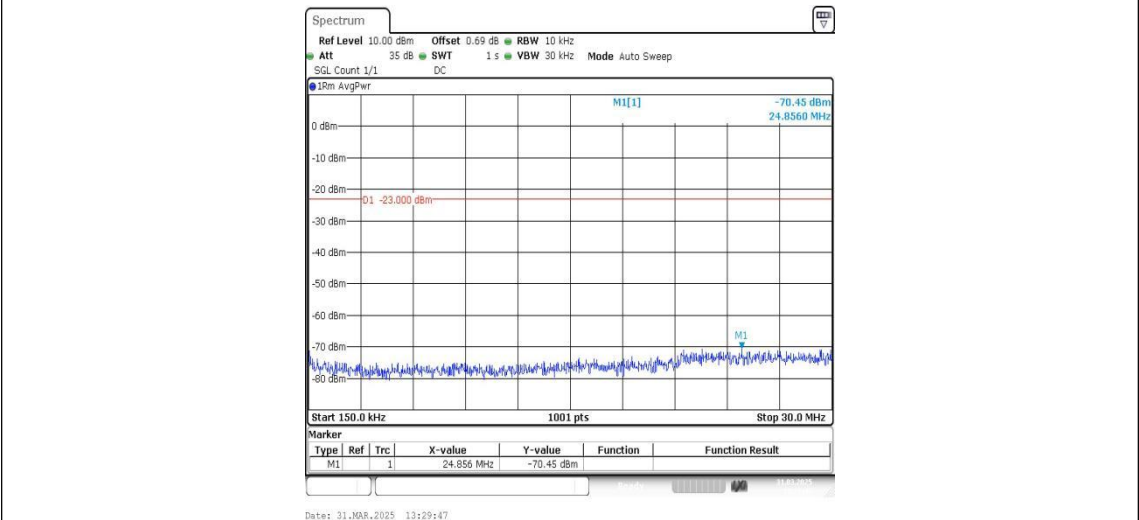
Band5-4182-5-30~1000MHz-PASS



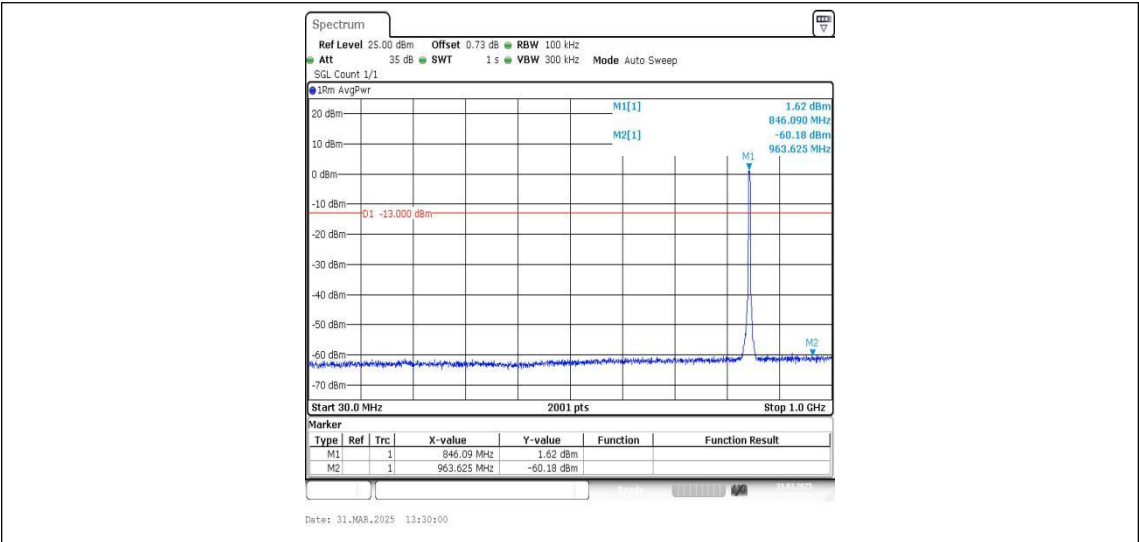
Band5-4182-5-1000~10000MHz-PASS



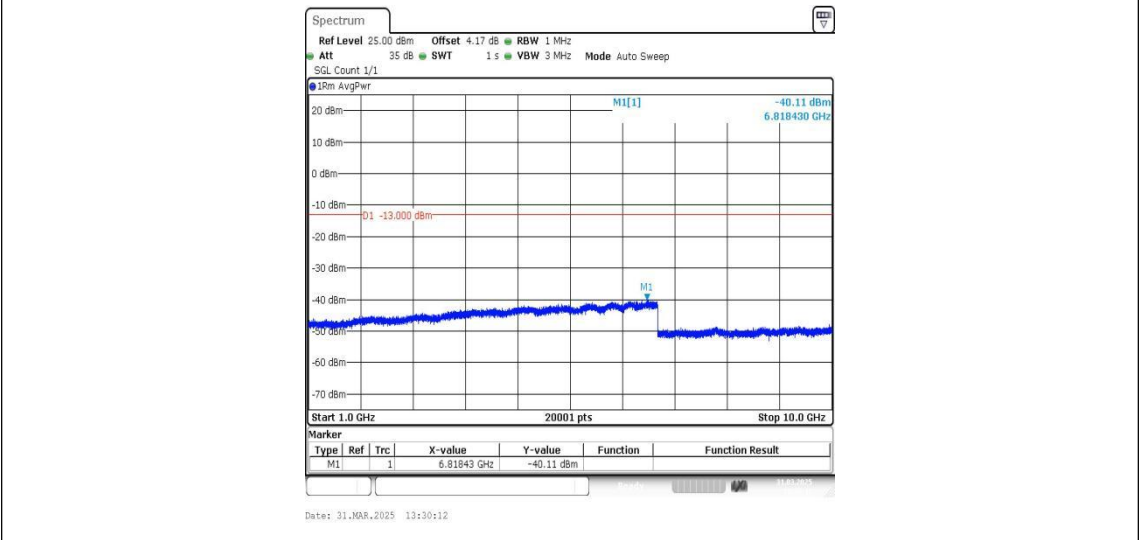
Band5-4233-1-0.009~0.15MHz-PASS



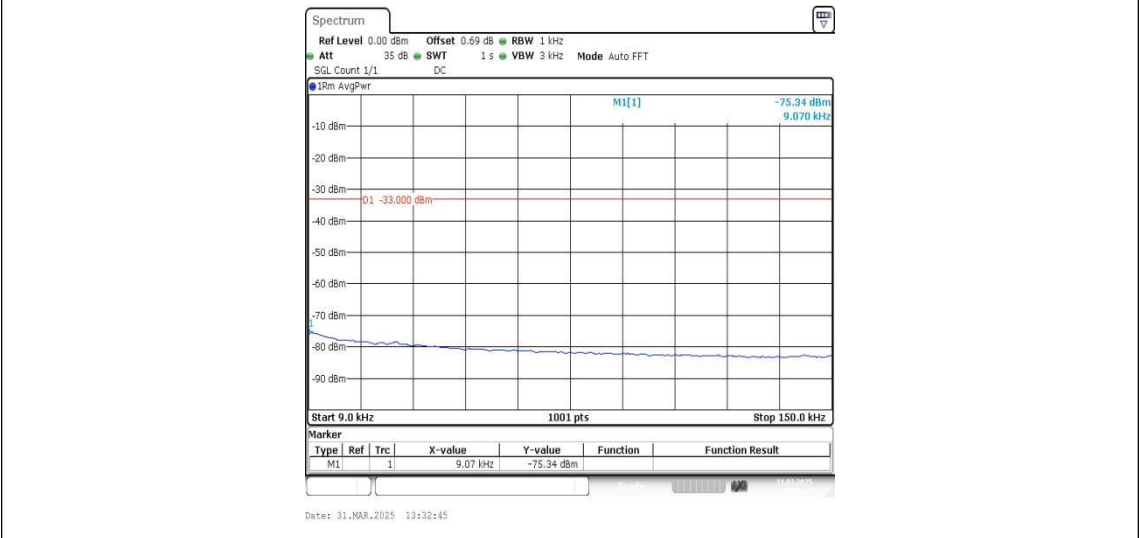
Band5-4233-1-0.15~30MHz-PASS



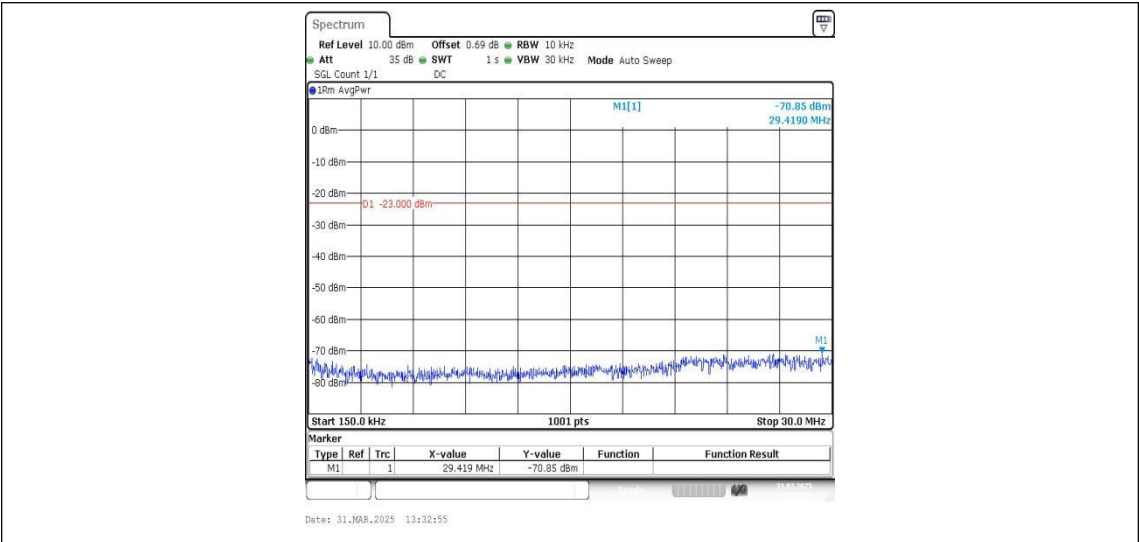
Band5-4233-1-30~1000MHz-PASS



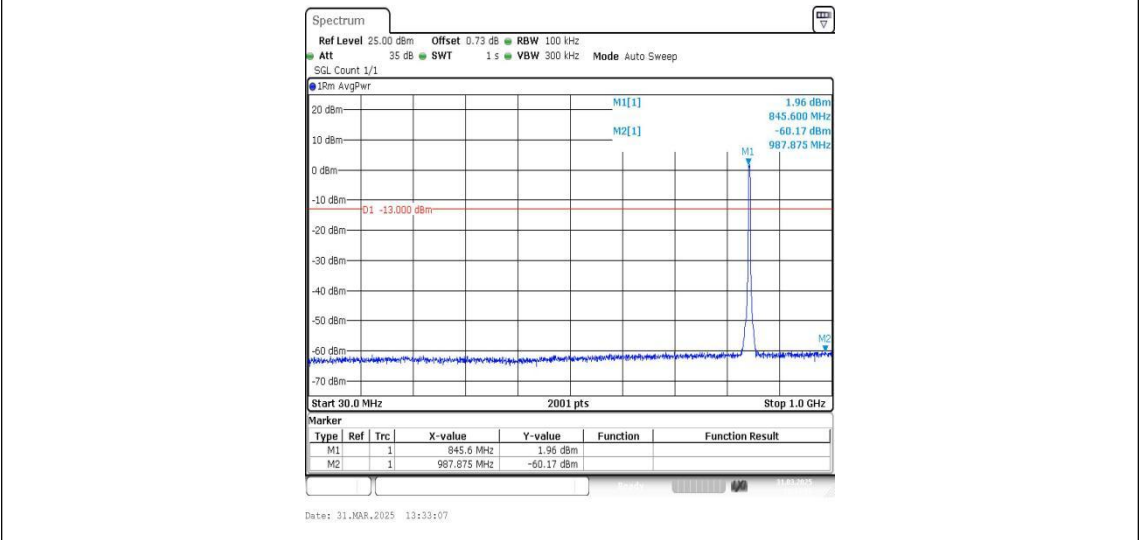
Band5-4233-1-1000~10000MHz-PASS



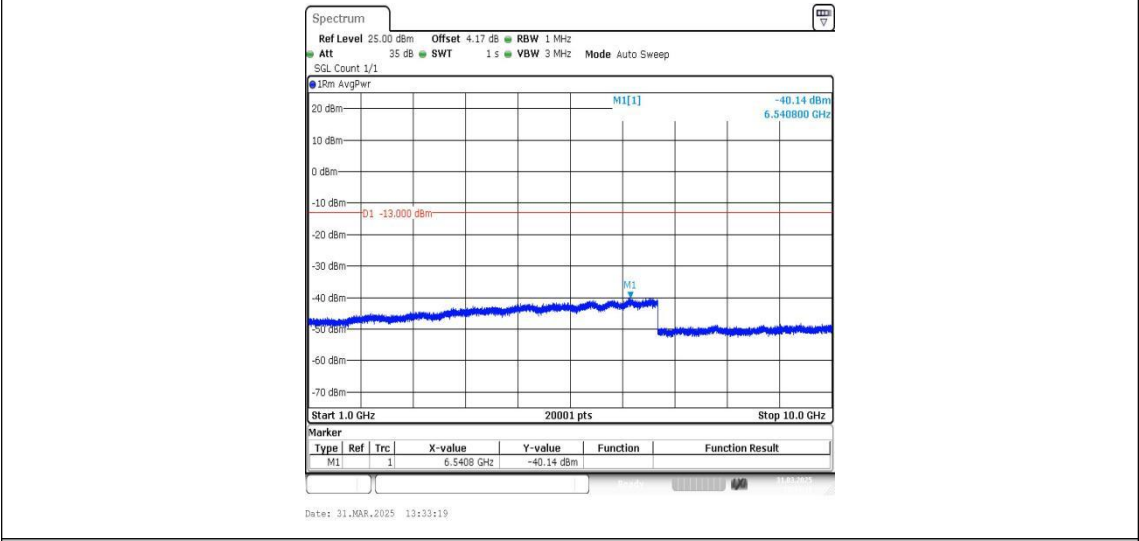
Band5-4233-2-0.009~0.15MHz-PASS



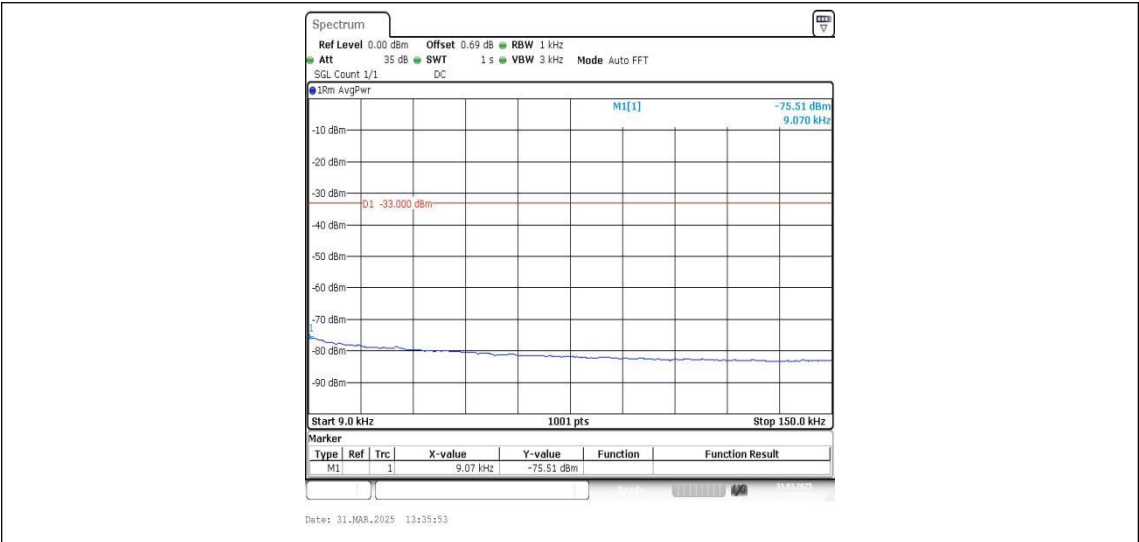
Band5-4233-2-0.15~30MHz-PASS



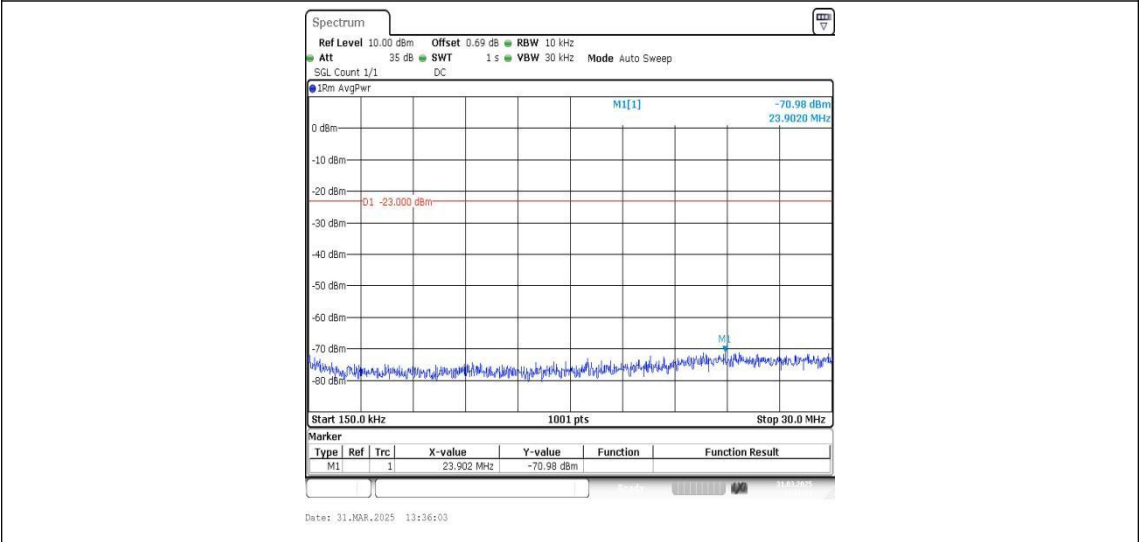
Band5-4233-2-30~1000MHz-PASS



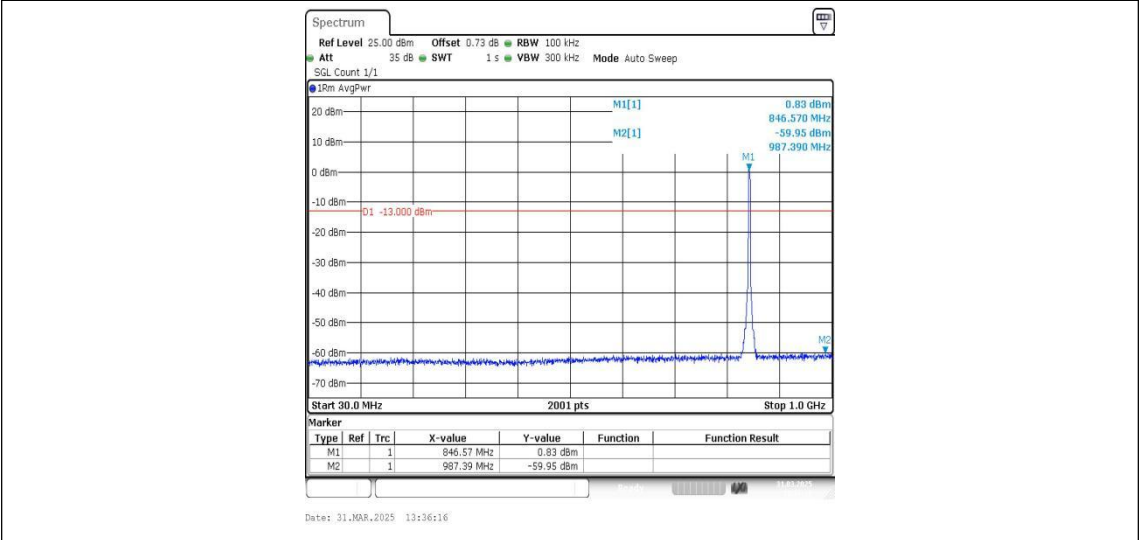
Band5-4233-2-1000~10000MHz-PASS



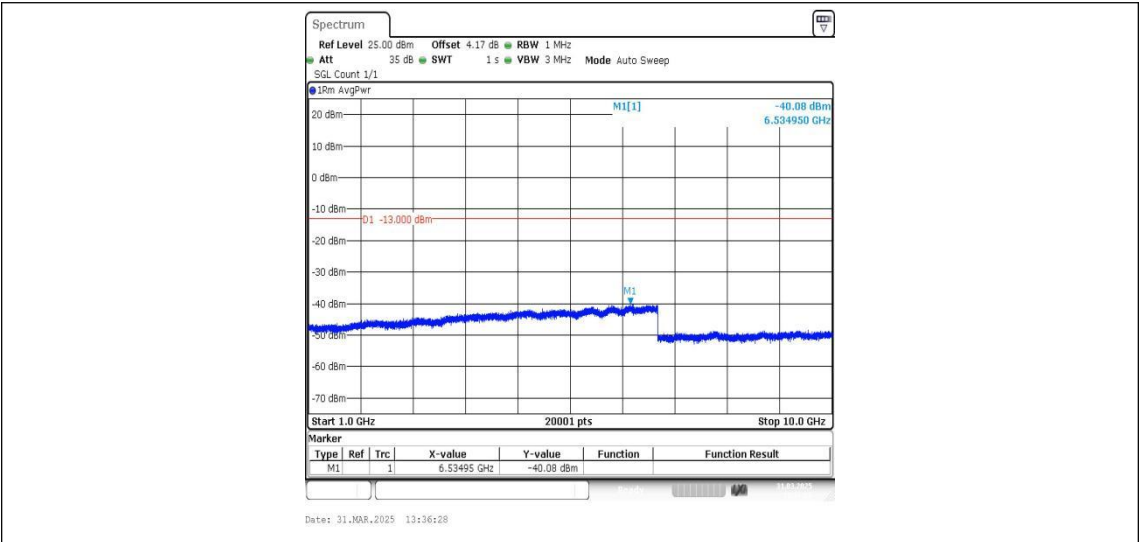
Band5-4233-3-0.009~0.15MHz-PASS



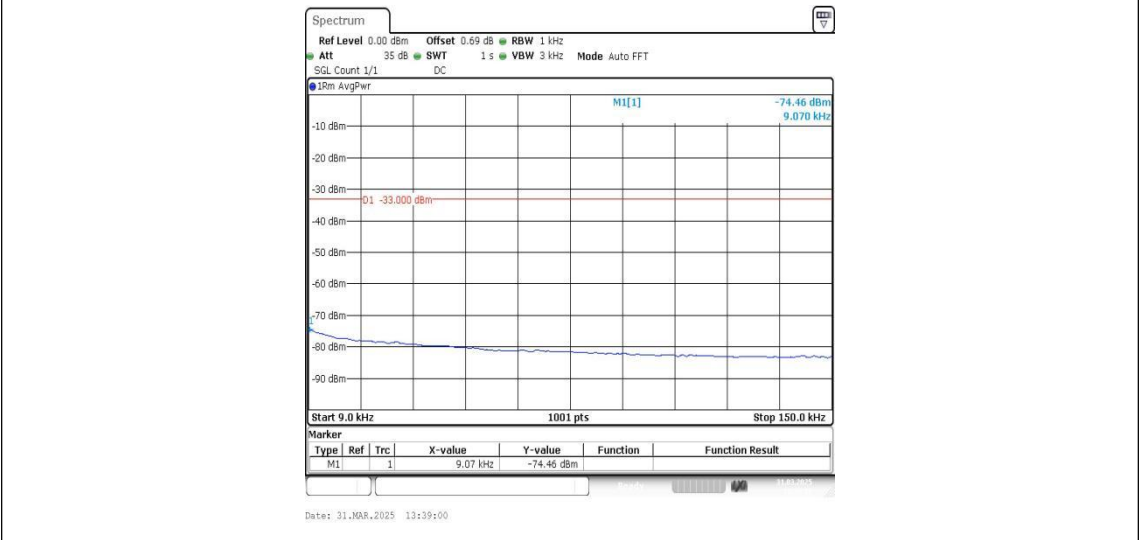
Band5-4233-3-0.15~30MHz-PASS



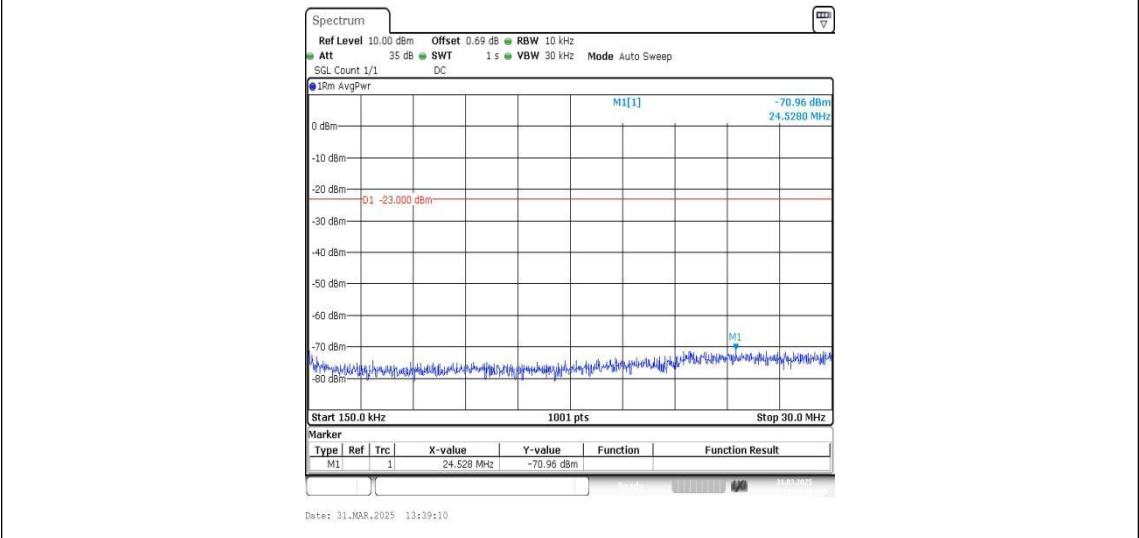
Band5-4233-3-30~1000MHz-PASS



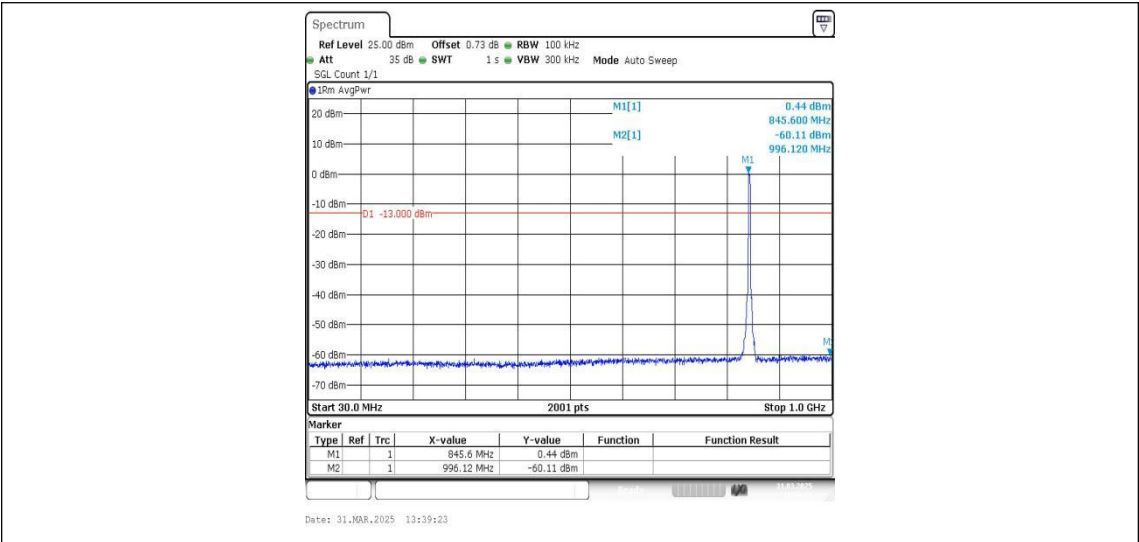
Band5-4233-3-1000~10000MHz-PASS



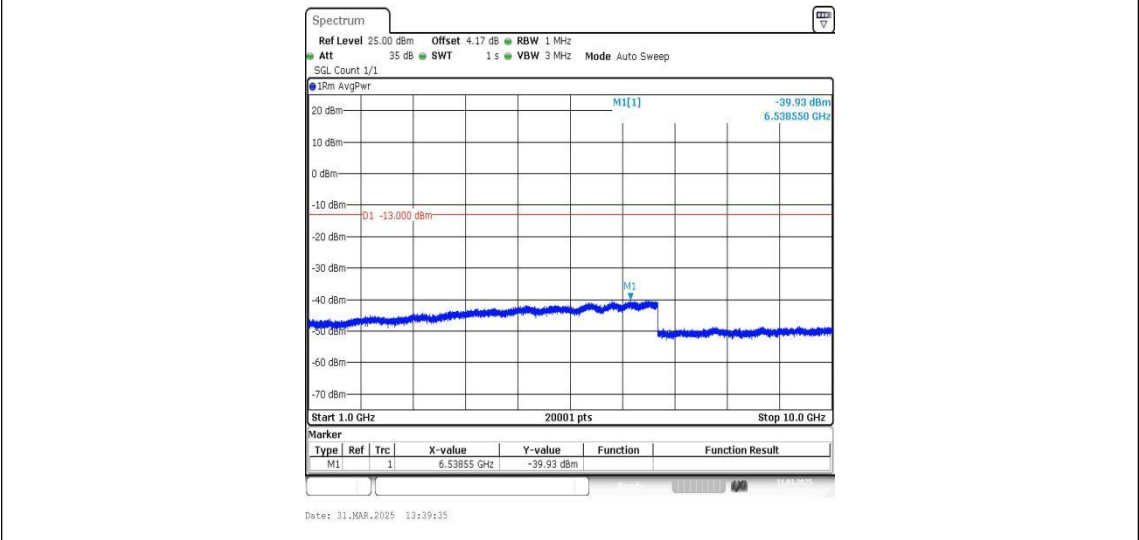
Band5-4233-4-0.009~0.15MHz-PASS



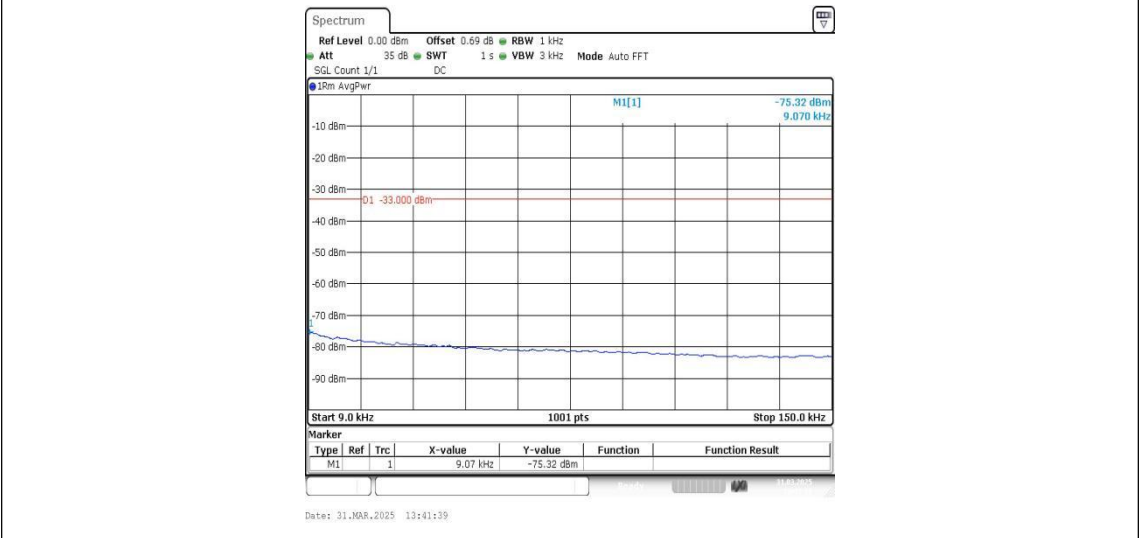
Band5-4233-4-0.15~30MHz-PASS



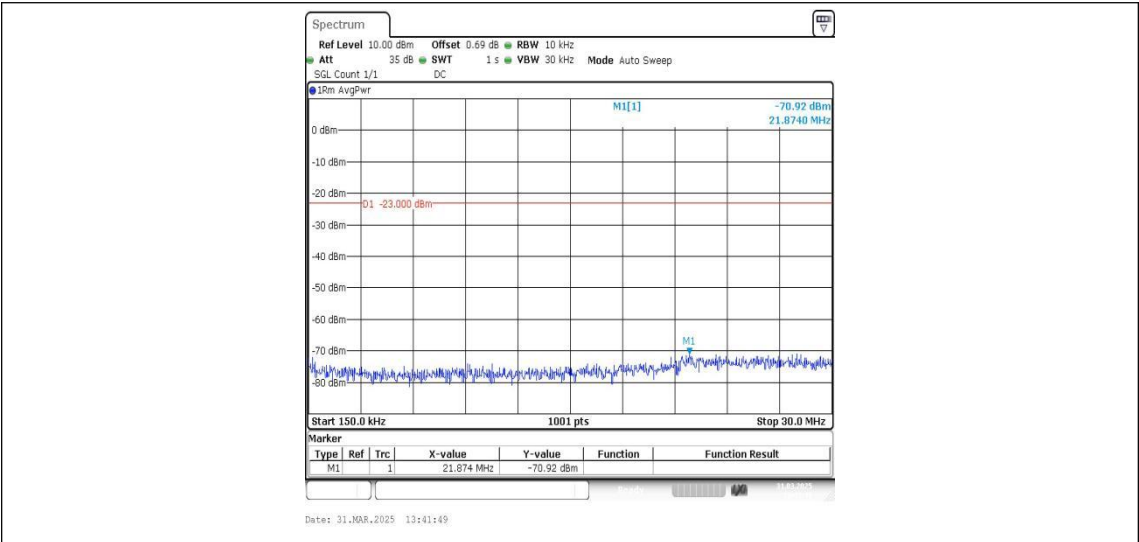
Band5-4233-4-30~1000MHz-PASS



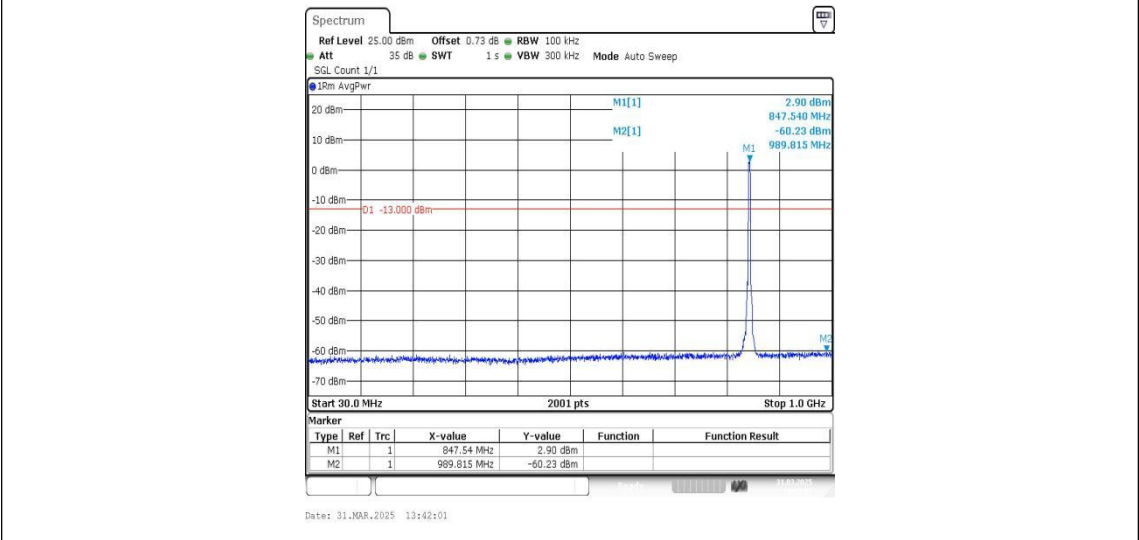
Band5-4233-4-1000~10000MHz-PASS



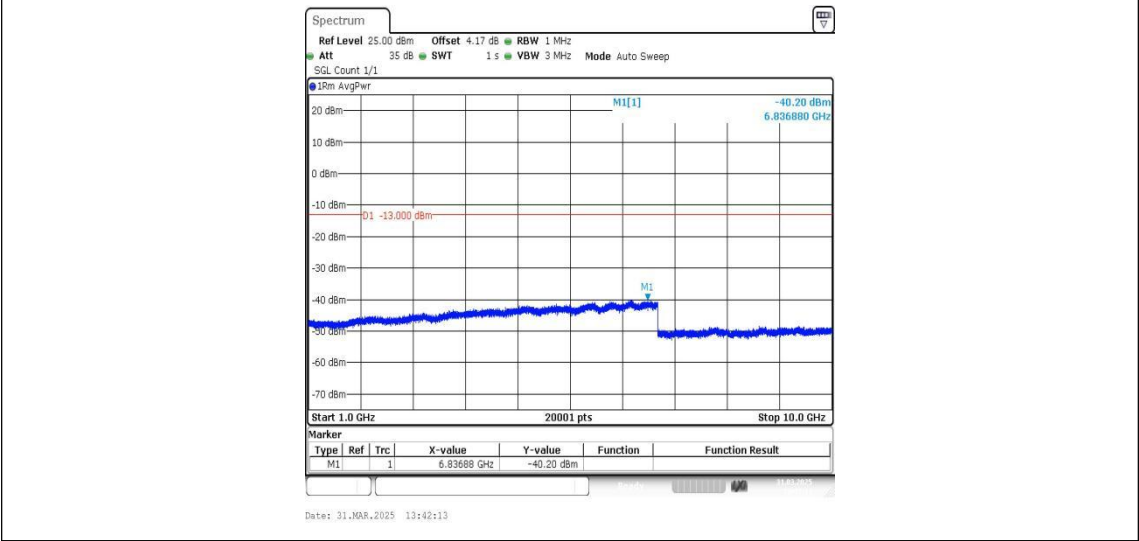
Band5-4233-5-0.009~0.15MHz-PASS



Band5-4233-5-0.15~30MHz-PASS



Band5-4233-5-30~1000MHz-PASS



Band5-4233-5-1000~10000MHz-PASS

## Appendix F: Frequency Stability

### Test Result

| Voltage |         |               |                  |                |                 |             |         |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | VN            | NT               | -2.21          | -0.002674       | ±2.5        | PASS    |
| Band5   | 4132    | VL            | NT               | 0.02           | 0.000024        | ±2.5        | PASS    |
| Band5   | 4132    | VH            | NT               | -0.80          | -0.000968       | ±2.5        | PASS    |
| Band5   | 4182    | VN            | NT               | -1.12          | -0.001339       | ±2.5        | PASS    |
| Band5   | 4182    | VL            | NT               | -0.73          | -0.000873       | ±2.5        | PASS    |
| Band5   | 4182    | VH            | NT               | 0.93           | 0.001112        | ±2.5        | PASS    |
| Band5   | 4233    | VN            | NT               | 3.55           | 0.004193        | ±2.5        | PASS    |
| Band5   | 4233    | VL            | NT               | -0.24          | -0.000283       | ±2.5        | PASS    |
| Band5   | 4233    | VH            | NT               | -3.45          | -0.004075       | ±2.5        | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | NV            | -30              | 0.57           | 0.000690        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -20              | -1.32          | -0.001597       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -10              | -0.69          | -0.000835       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 0                | 2.68           | 0.003243        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 10               | -0.02          | -0.000024       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 20               | 0.83           | 0.001004        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 30               | 0.88           | 0.001065        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 40               | 4.91           | 0.005941        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 50               | -1.42          | -0.001718       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -30              | 1.47           | 0.001758        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -20              | 1.33           | 0.001590        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -10              | 2.15           | 0.002571        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 0                | 3.74           | 0.004472        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 10               | -0.51          | -0.000610       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 20               | 0.93           | 0.001112        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 30               | -1.48          | -0.001769       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 40               | 3.10           | 0.003706        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 50               | 0.45           | 0.000538        | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -30              | 0.43           | 0.000508        | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -20              | 2.41           | 0.002847        | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -10              | -1.69          | -0.001996       | ±2.5        | PASS    |

|       |      |    |    |       |           |      |      |
|-------|------|----|----|-------|-----------|------|------|
| Band5 | 4233 | NV | 0  | 2.09  | 0.002469  | ±2.5 | PASS |
| Band5 | 4233 | NV | 10 | -1.01 | -0.001193 | ±2.5 | PASS |
| Band5 | 4233 | NV | 20 | -2.12 | -0.002504 | ±2.5 | PASS |
| Band5 | 4233 | NV | 30 | -0.29 | -0.000343 | ±2.5 | PASS |
| Band5 | 4233 | NV | 40 | -3.08 | -0.003638 | ±2.5 | PASS |
| Band5 | 4233 | NV | 50 | 0.64  | 0.000756  | ±2.5 | PASS |

| Voltage |         |          |               |                  |                |                 |             |         |
|---------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | 1        | VN            | NT               | 1.06           | 0.001283        | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VL            | NT               | -0.20          | -0.000242       | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VH            | NT               | -1.94          | -0.002348       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VN            | NT               | -0.50          | -0.000605       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VL            | NT               | -0.86          | -0.001041       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VH            | NT               | 0.64           | 0.000774        | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VN            | NT               | -4.36          | -0.005276       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VL            | NT               | -5.69          | -0.006885       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VH            | NT               | 1.71           | 0.002069        | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VN            | NT               | -1.98          | -0.002396       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VL            | NT               | 0.77           | 0.000932        | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VH            | NT               | 0.57           | 0.000690        | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VN            | NT               | -1.66          | -0.001985       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VL            | NT               | 1.86           | 0.002224        | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VH            | NT               | 0.33           | 0.000395        | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VN            | NT               | -1.29          | -0.001542       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VL            | NT               | -1.97          | -0.002355       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VH            | NT               | -2.25          | -0.002690       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VN            | NT               | 0.92           | 0.001100        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VL            | NT               | 0.90           | 0.001076        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VH            | NT               | -1.26          | -0.001506       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VN            | NT               | -0.08          | -0.000096       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VL            | NT               | -0.31          | -0.000371       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VH            | NT               | 0.21           | 0.000251        | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VN            | NT               | 2.55           | 0.003012        | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VL            | NT               | -0.79          | -0.000933       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VH            | NT               | -4.76          | -0.005622       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VN            | NT               | 0.33           | 0.000390        | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VL            | NT               | -1.04          | -0.001228       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VH            | NT               | -1.75          | -0.002067       | ±2.5        | PASS    |

|       |      |   |    |    |       |           |      |      |
|-------|------|---|----|----|-------|-----------|------|------|
| Band5 | 4233 | 3 | VN | NT | -4.46 | -0.005268 | ±2.5 | PASS |
| Band5 | 4233 | 3 | VL | NT | 0.34  | 0.000402  | ±2.5 | PASS |
| Band5 | 4233 | 3 | VH | NT | -3.30 | -0.003898 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VN | NT | 0.27  | 0.000319  | ±2.5 | PASS |
| Band5 | 4233 | 4 | VL | NT | 0.11  | 0.000130  | ±2.5 | PASS |
| Band5 | 4233 | 4 | VH | NT | -0.51 | -0.000602 | ±2.5 | PASS |

| Temperature |         |          |               |                  |                |                 |             |         |
|-------------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | 1        | NV            | -30              | 0.77           | 0.000932        | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -20              | -2.26          | -0.002735       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -10              | -2.32          | -0.002807       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 0                | -0.21          | -0.000254       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 10               | -0.22          | -0.000266       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 20               | 1.52           | 0.001839        | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 30               | -2.02          | -0.002444       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 40               | -2.24          | -0.002711       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 50               | -3.46          | -0.004187       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -30              | 2.01           | 0.002432        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -20              | 2.02           | 0.002444        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -10              | -2.29          | -0.002771       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 0                | -1.90          | -0.002299       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 10               | -1.67          | -0.002021       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 20               | -0.87          | -0.001053       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 30               | 0.20           | 0.000242        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 40               | -0.57          | -0.000690       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 50               | -0.19          | -0.000230       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -30              | 0.35           | 0.000424        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -20              | 0.19           | 0.000230        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -10              | 1.13           | 0.001367        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 0                | 0.94           | 0.001137        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 10               | 0.22           | 0.000266        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 20               | -1.64          | -0.001985       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 30               | -1.02          | -0.001234       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 40               | -2.01          | -0.002432       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 50               | -4.13          | -0.004998       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -30              | 0.41           | 0.000496        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -20              | 1.66           | 0.002009        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -10              | -0.79          | -0.000956       | ±2.5        | PASS    |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4132 | 4 | NV | 0   | -0.26 | -0.000315 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 10  | 0.03  | 0.000036  | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 20  | 1.87  | 0.002263  | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 30  | 2.30  | 0.002783  | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 40  | -1.07 | -0.001295 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 50  | -2.47 | -0.002989 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -30 | 1.22  | 0.001459  | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -20 | 3.17  | 0.003790  | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -10 | -3.14 | -0.003754 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 0   | -3.12 | -0.003730 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 10  | -3.16 | -0.003778 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 20  | 1.13  | 0.001351  | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 30  | -0.03 | -0.000036 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 40  | -0.57 | -0.000681 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 50  | -0.51 | -0.000610 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -30 | -0.58 | -0.000693 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -20 | 0.07  | 0.000084  | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -10 | -1.15 | -0.001375 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 0   | 1.85  | 0.002212  | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 10  | -0.74 | -0.000885 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 20  | -0.55 | -0.000658 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 30  | -4.56 | -0.005452 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 40  | 0.72  | 0.000861  | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 50  | 0.59  | 0.000705  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -30 | -4.01 | -0.004794 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -20 | -1.66 | -0.001985 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -10 | -1.99 | -0.002379 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 0   | -2.15 | -0.002571 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 10  | -1.77 | -0.002116 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 20  | -3.04 | -0.003635 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 30  | -1.95 | -0.002331 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 40  | -3.08 | -0.003682 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 50  | 0.53  | 0.000634  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -30 | 1.13  | 0.001351  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -20 | 1.35  | 0.001614  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -10 | -0.01 | -0.000012 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 0   | 0.48  | 0.000574  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 10  | -0.82 | -0.000980 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 20  | -2.58 | -0.003085 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 30  | -2.39 | -0.002857 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 40  | 2.19  | 0.002618  | ±2.5 | PASS |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4182 | 4 | NV | 50  | 1.52  | 0.001817  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -30 | -1.35 | -0.001595 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -20 | 0.40  | 0.000472  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -10 | -1.46 | -0.001725 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 0   | -1.19 | -0.001406 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 10  | 2.05  | 0.002421  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 20  | 0.04  | 0.000047  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 30  | -1.90 | -0.002244 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 40  | 2.32  | 0.002740  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 50  | 0.41  | 0.000484  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -30 | -1.74 | -0.002055 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -20 | -0.76 | -0.000898 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -10 | 2.57  | 0.003036  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 0   | 2.26  | 0.002670  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 10  | 1.33  | 0.001571  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 20  | 2.31  | 0.002729  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 30  | -1.76 | -0.002079 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 40  | -0.59 | -0.000697 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 50  | 0.48  | 0.000567  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -30 | -3.38 | -0.003992 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -20 | 2.37  | 0.002799  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -10 | 2.27  | 0.002681  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 0   | -1.06 | -0.001252 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 10  | -3.04 | -0.003591 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 20  | -0.19 | -0.000224 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 30  | 0.11  | 0.000130  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 40  | -0.69 | -0.000815 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 50  | -2.69 | -0.003177 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -30 | 1.22  | 0.001441  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -20 | -0.59 | -0.000697 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -10 | -1.34 | -0.001583 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 0   | -1.54 | -0.001819 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 10  | -3.90 | -0.004607 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 20  | -1.32 | -0.001559 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 30  | -2.47 | -0.002918 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 40  | -2.08 | -0.002457 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 50  | -2.83 | -0.003343 | ±2.5 | PASS |

| Voltage |         |          |               |                  |                |                 |             |         |
|---------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | 1        | VN            | NT               | 0.04           | 0.000048        | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VL            | NT               | -0.20          | -0.000242       | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VH            | NT               | -0.78          | -0.000944       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VN            | NT               | -1.36          | -0.001646       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VL            | NT               | 1.52           | 0.001839        | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VH            | NT               | -1.85          | -0.002239       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VN            | NT               | 1.72           | 0.002081        | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VL            | NT               | -1.42          | -0.001718       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VH            | NT               | -0.71          | -0.000859       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VN            | NT               | 0.31           | 0.000375        | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VL            | NT               | 0.40           | 0.000484        | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VH            | NT               | -2.68          | -0.003243       | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VN            | NT               | -0.08          | -0.000097       | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VL            | NT               | -2.00          | -0.002420       | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VH            | NT               | 0.26           | 0.000315        | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VN            | NT               | 1.15           | 0.001375        | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VL            | NT               | 1.93           | 0.002308        | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VH            | NT               | 1.34           | 0.001602        | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VN            | NT               | -0.64          | -0.000765       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VL            | NT               | 0.60           | 0.000717        | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VH            | NT               | -0.88          | -0.001052       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VN            | NT               | -1.85          | -0.002212       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VL            | NT               | 0.16           | 0.000191        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VH            | NT               | -2.27          | -0.002714       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VN            | NT               | -0.46          | -0.000550       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VL            | NT               | -0.51          | -0.000610       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VH            | NT               | -0.48          | -0.000574       | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VN            | NT               | 4.52           | 0.005404        | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VL            | NT               | -0.04          | -0.000048       | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VH            | NT               | -2.68          | -0.003204       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VN            | NT               | -0.29          | -0.000343       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VL            | NT               | -1.52          | -0.001795       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VH            | NT               | 0.26           | 0.000307        | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VN            | NT               | 0.18           | 0.000213        | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VL            | NT               | -0.29          | -0.000343       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VH            | NT               | -1.35          | -0.001595       | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VN            | NT               | -0.57          | -0.000673       | ±2.5        | PASS    |

|       |      |   |    |    |       |           |      |      |
|-------|------|---|----|----|-------|-----------|------|------|
| Band5 | 4233 | 3 | VL | NT | -0.19 | -0.000224 | ±2.5 | PASS |
| Band5 | 4233 | 3 | VH | NT | -2.57 | -0.003036 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VN | NT | 4.68  | 0.005528  | ±2.5 | PASS |
| Band5 | 4233 | 4 | VL | NT | -2.60 | -0.003071 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VH | NT | -3.65 | -0.004311 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VN | NT | 1.87  | 0.002209  | ±2.5 | PASS |
| Band5 | 4233 | 5 | VL | NT | -1.79 | -0.002114 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VH | NT | -0.96 | -0.001134 | ±2.5 | PASS |

| Temperature |         |          |               |                  |                |                 |             |         |
|-------------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | 1        | NV            | -30              | -2.32          | -0.002807       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -20              | -2.46          | -0.002977       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -10              | 1.38           | 0.001670        | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 0                | -2.16          | -0.002614       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 10               | 0.96           | 0.001162        | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 20               | 1.07           | 0.001295        | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 30               | -0.61          | -0.000738       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 40               | -3.60          | -0.004356       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 50               | 0.99           | 0.001198        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -30              | 2.72           | 0.003291        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -20              | -1.80          | -0.002178       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -10              | -3.16          | -0.003824       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 0                | -1.09          | -0.001319       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 10               | 0.94           | 0.001137        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 20               | -0.28          | -0.000339       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 30               | -2.96          | -0.003582       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 40               | 0.05           | 0.000061        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 50               | 1.01           | 0.001222        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -30              | -2.65          | -0.003207       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -20              | -2.53          | -0.003061       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -10              | 0.92           | 0.001113        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 0                | 0.37           | 0.000448        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 10               | -3.88          | -0.004695       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 20               | -0.03          | -0.000036       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 30               | 2.95           | 0.003570        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 40               | 2.15           | 0.002602        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 50               | -2.53          | -0.003061       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -30              | -2.64          | -0.003195       | ±2.5        | PASS    |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4132 | 4 | NV | -20 | 3.86  | 0.004671  | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | -10 | -2.10 | -0.002541 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 0   | -0.70 | -0.000847 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 10  | 1.41  | 0.001706  | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 20  | 5.65  | 0.006837  | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 30  | 0.21  | 0.000254  | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 40  | -1.03 | -0.001246 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 50  | -0.43 | -0.000520 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -30 | 2.88  | 0.003485  | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -20 | 1.74  | 0.002106  | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -10 | -1.19 | -0.001440 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 0   | 1.53  | 0.001851  | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 10  | 0.58  | 0.000702  | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 20  | 1.03  | 0.001246  | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 30  | -0.11 | -0.000133 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 40  | -0.16 | -0.000194 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 50  | 1.02  | 0.001234  | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -30 | -1.08 | -0.001291 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -20 | 0.33  | 0.000395  | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -10 | -0.39 | -0.000466 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 0   | -1.58 | -0.001889 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 10  | 1.82  | 0.002176  | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 20  | 2.93  | 0.003503  | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 30  | -1.68 | -0.002009 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 40  | 2.70  | 0.003228  | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 50  | -0.44 | -0.000526 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -30 | 1.03  | 0.001231  | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -20 | -0.01 | -0.000012 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -10 | -1.07 | -0.001279 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 0   | 0.58  | 0.000693  | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 10  | 0.44  | 0.000526  | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 20  | -0.14 | -0.000167 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 30  | -0.99 | -0.001184 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 40  | -0.16 | -0.000191 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 50  | -0.64 | -0.000765 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -30 | 2.10  | 0.002511  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -20 | -1.19 | -0.001423 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -10 | 3.48  | 0.004161  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 0   | -0.26 | -0.000311 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 10  | -2.07 | -0.002475 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 20  | 0.00  | 0.000000  | ±2.5 | PASS |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4182 | 3 | NV | 30  | -2.56 | -0.003061 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 40  | 1.24  | 0.001483  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 50  | -1.76 | -0.002104 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -30 | -0.80 | -0.000956 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -20 | -4.63 | -0.005536 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -10 | 0.78  | 0.000933  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 0   | 1.14  | 0.001363  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 10  | -2.37 | -0.002834 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 20  | -2.09 | -0.002499 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 30  | 0.26  | 0.000311  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 40  | -2.04 | -0.002439 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 50  | 1.19  | 0.001423  | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | -30 | 0.84  | 0.001004  | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | -20 | -0.84 | -0.001004 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | -10 | -0.08 | -0.000096 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 0   | -0.01 | -0.000012 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 10  | -0.21 | -0.000251 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 20  | -0.10 | -0.000120 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 30  | 1.02  | 0.001220  | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 40  | -1.24 | -0.001483 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 50  | 1.41  | 0.001686  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -30 | -1.18 | -0.001394 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -20 | -2.88 | -0.003402 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -10 | 1.39  | 0.001642  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 0   | 0.23  | 0.000272  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 10  | -3.35 | -0.003957 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 20  | -1.08 | -0.001276 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 30  | -0.76 | -0.000898 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 40  | -0.92 | -0.001087 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 50  | 3.48  | 0.004111  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -30 | 5.28  | 0.006237  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -20 | 0.58  | 0.000685  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -10 | 0.02  | 0.000024  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 0   | -2.40 | -0.002835 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 10  | -2.61 | -0.003083 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 20  | -1.21 | -0.001429 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 30  | -0.25 | -0.000295 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 40  | 0.73  | 0.000862  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 50  | -2.17 | -0.002563 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -30 | -1.76 | -0.002079 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -20 | 1.90  | 0.002244  | ±2.5 | PASS |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4233 | 3 | NV | -10 | -2.25 | -0.002658 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 0   | 1.91  | 0.002256  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 10  | 2.19  | 0.002587  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 20  | -2.90 | -0.003425 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 30  | -0.36 | -0.000425 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 40  | -3.60 | -0.004252 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 50  | -3.09 | -0.003650 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -30 | -2.33 | -0.002752 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -20 | 1.17  | 0.001382  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -10 | 3.55  | 0.004193  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 0   | -1.29 | -0.001524 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 10  | 1.18  | 0.001394  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 20  | -0.71 | -0.000839 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 30  | 0.24  | 0.000283  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 40  | -0.31 | -0.000366 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 50  | -0.75 | -0.000886 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | -30 | -0.27 | -0.000319 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | -20 | 1.14  | 0.001347  | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | -10 | 0.60  | 0.000709  | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 0   | 0.89  | 0.001051  | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 10  | -0.36 | -0.000425 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 20  | 0.79  | 0.000933  | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 30  | 4.89  | 0.005776  | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 40  | 3.15  | 0.003721  | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 50  | 1.60  | 0.001890  | ±2.5 | PASS |