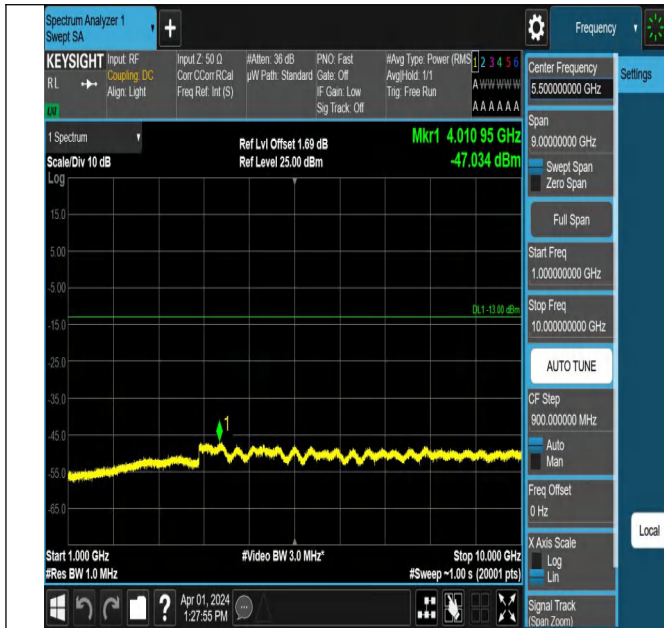
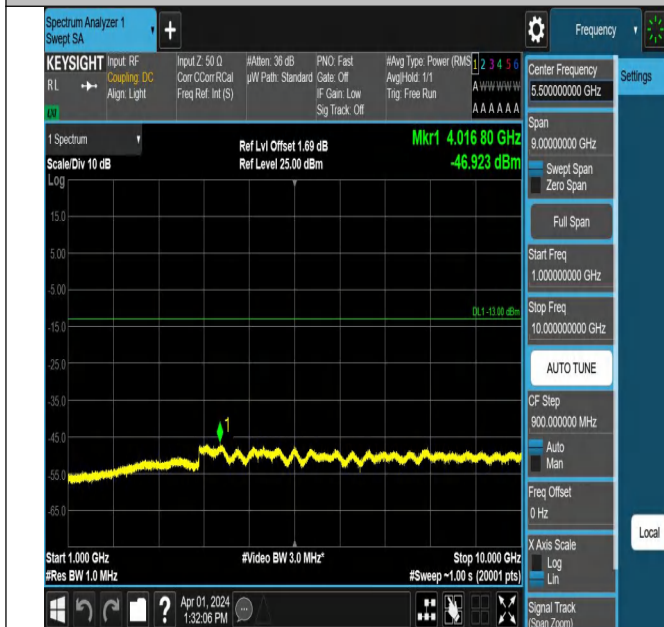




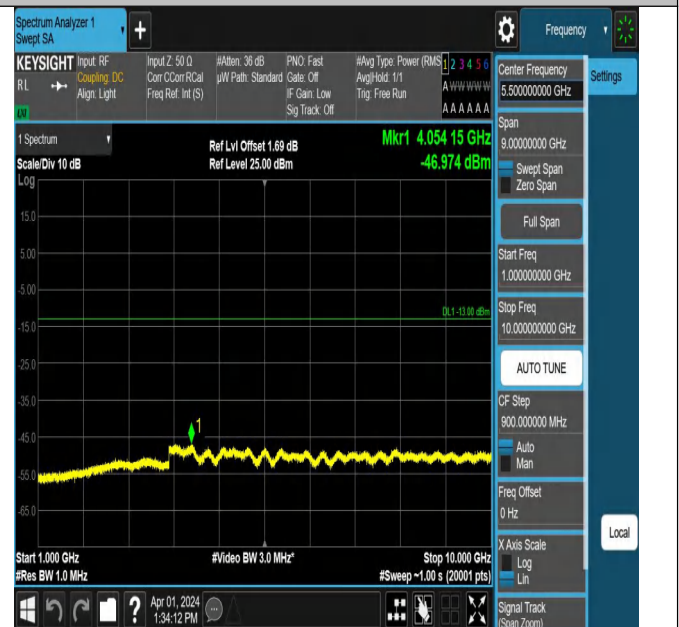
Band5-4233-1-1000~10000MHz-PASS



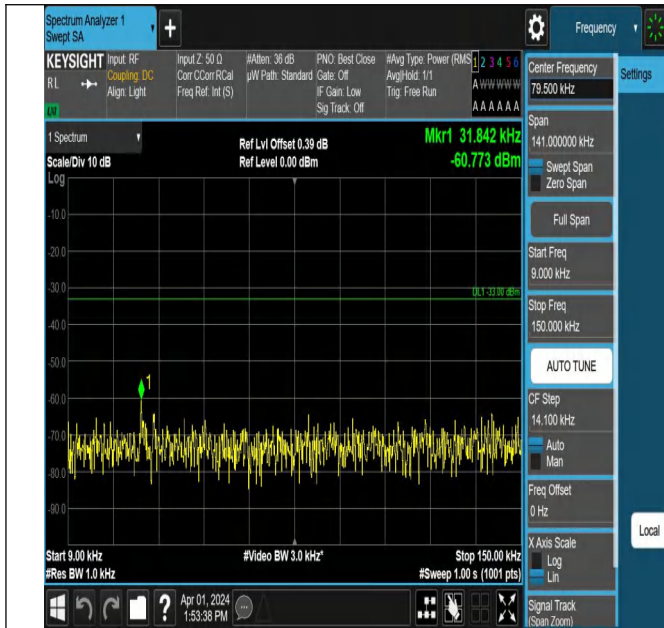
Band5-4233-2-1000~10000MHz-PASS



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



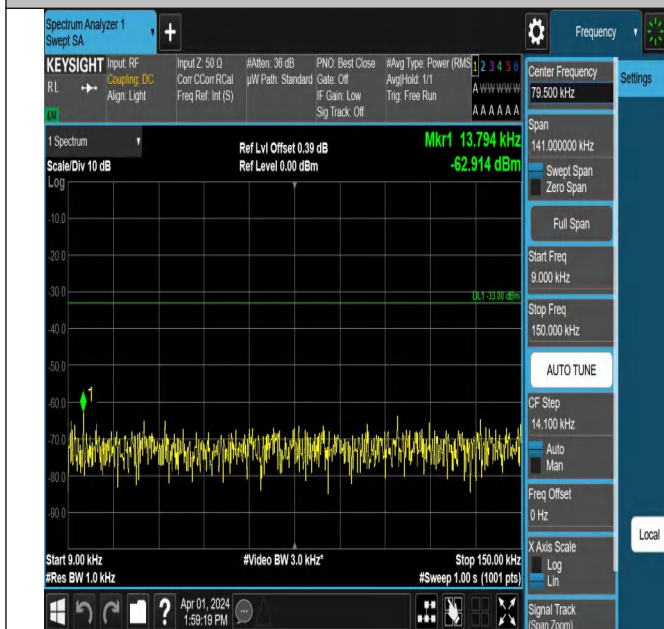
Band5-4233-4-1000~10000MHz-PASS



Band5-4132-1-0.009~0.15MHz-PASS



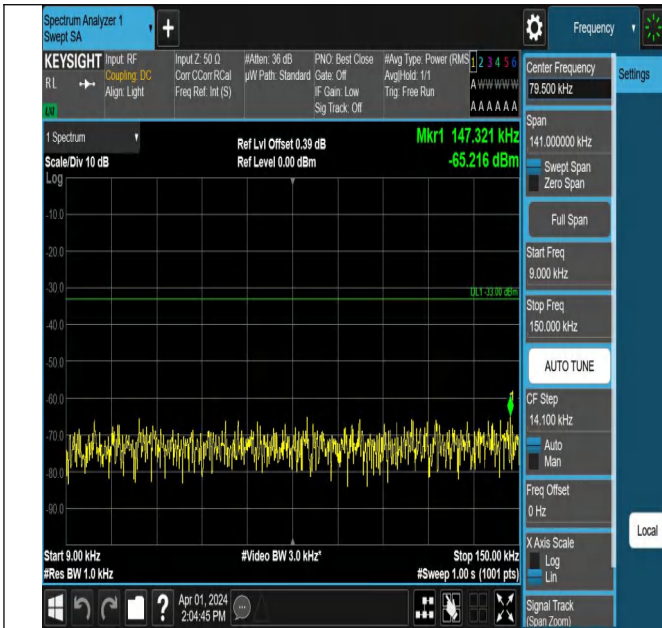
Band5-4132-2-0.009~0.15MHz-PASS



Band5-4132-3-0.009~0.15MHz-PASS



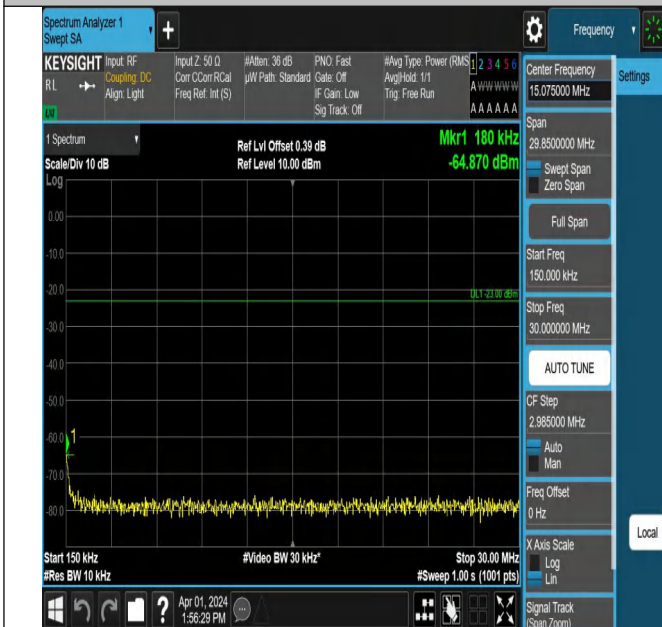
Band5-4132-4-0.009~0.15MHz-PASS



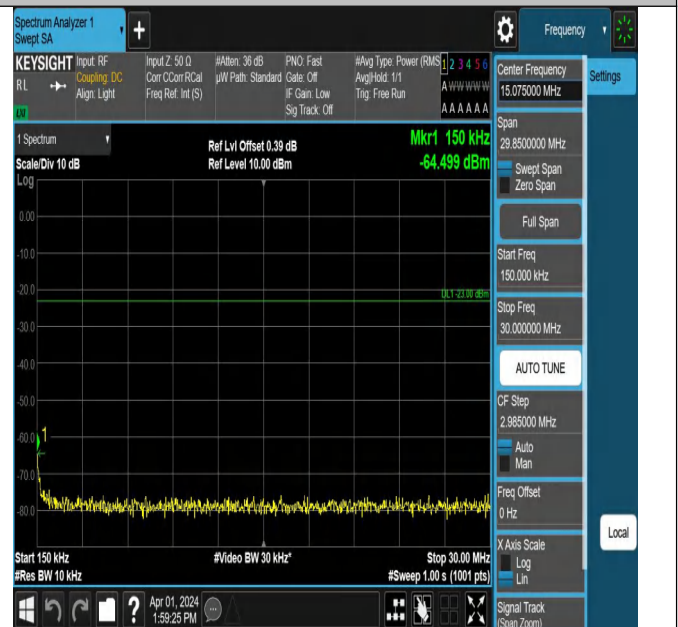
Band5-4132-5-0.009~0.15MHz-PASS



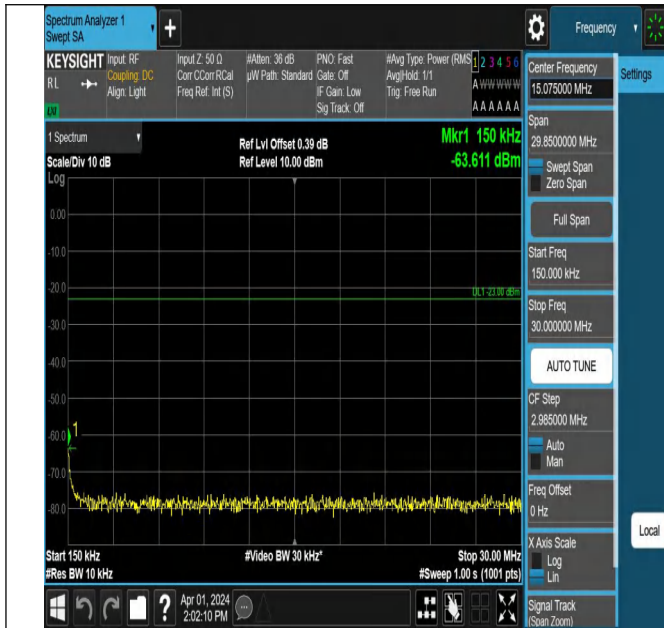
Band5-4132-1-0.15~30MHz-PASS



Band5-4132-2-0.15~30MHz-PASS



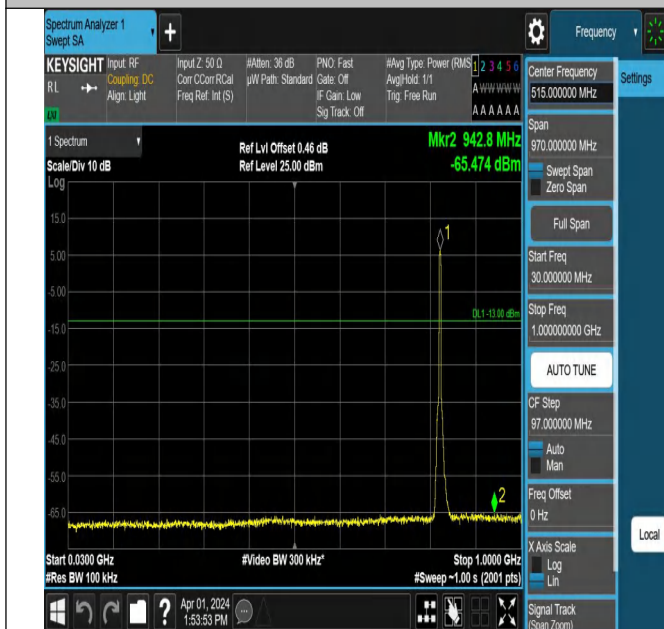
Band5-4132-3-0.15~30MHz-PASS



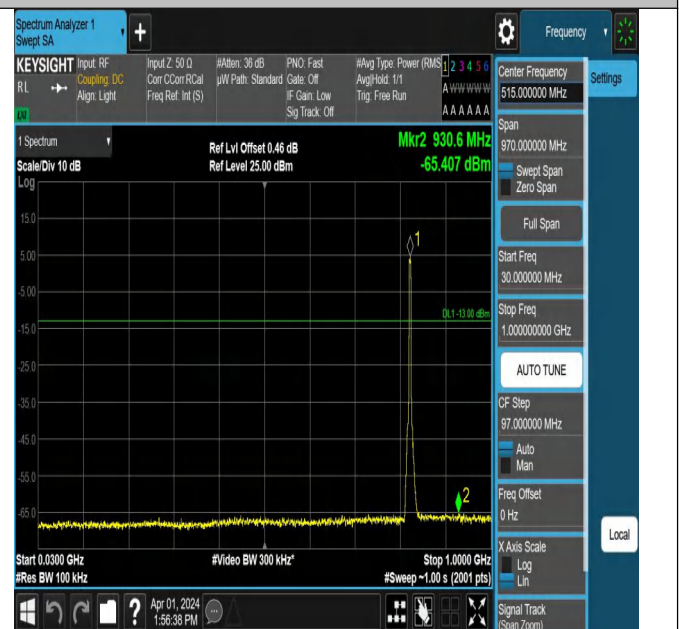
Band5-4132-4-0.15~30MHz-PASS



Band5-4132-5-0.15~30MHz-PASS

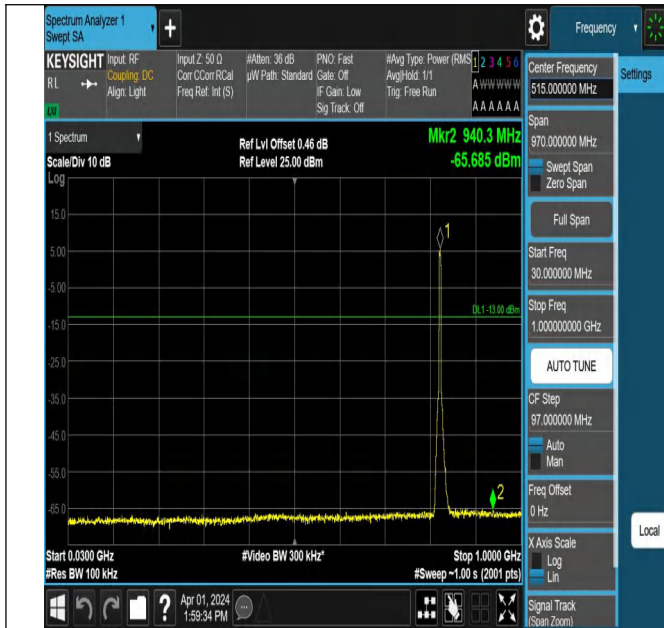


Band5-4132-1-30~1000MHz-PASS



Band5-4132-2-30~1000MHz-PASS

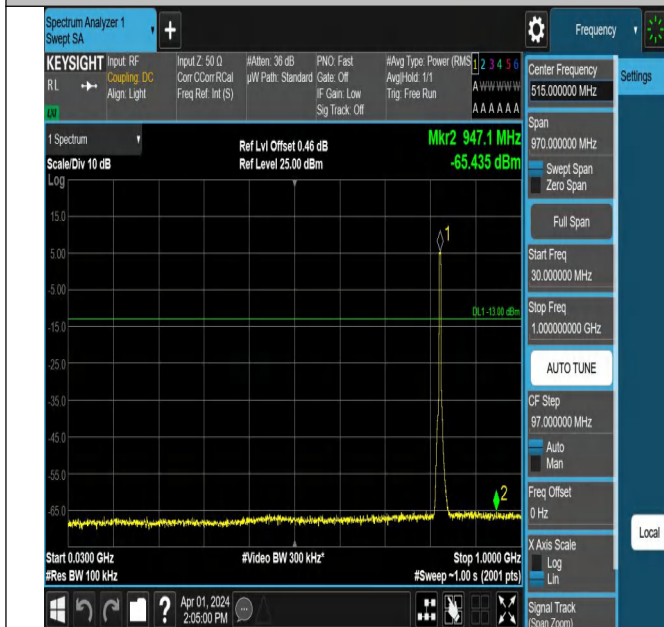




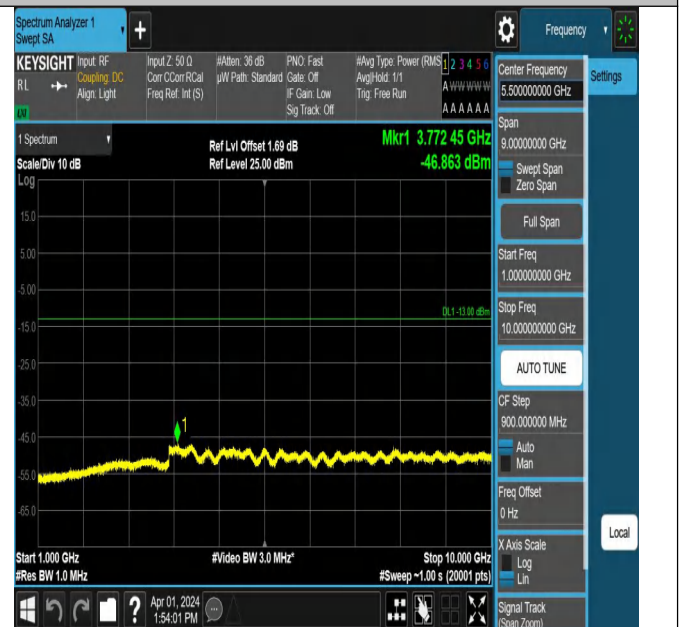
Band5-4132-3-30~1000MHz-PASS



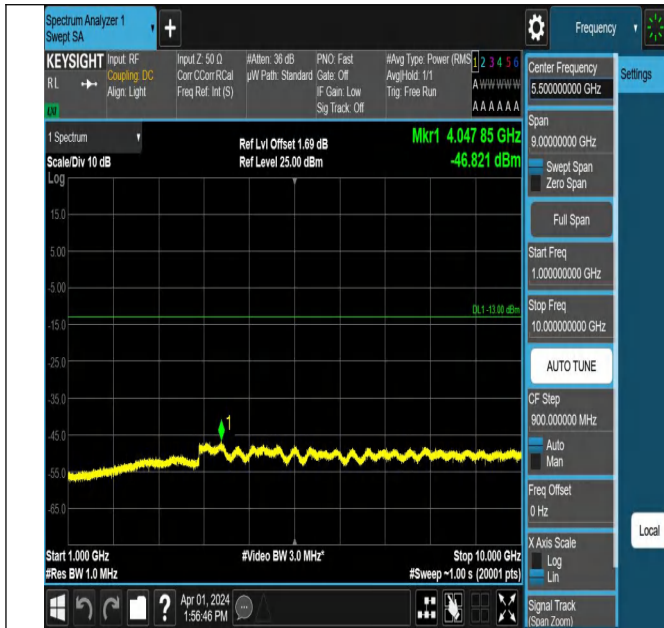
Band5-4132-4-30~1000MHz-PASS



Band5-4132-5-30~1000MHz-PASS



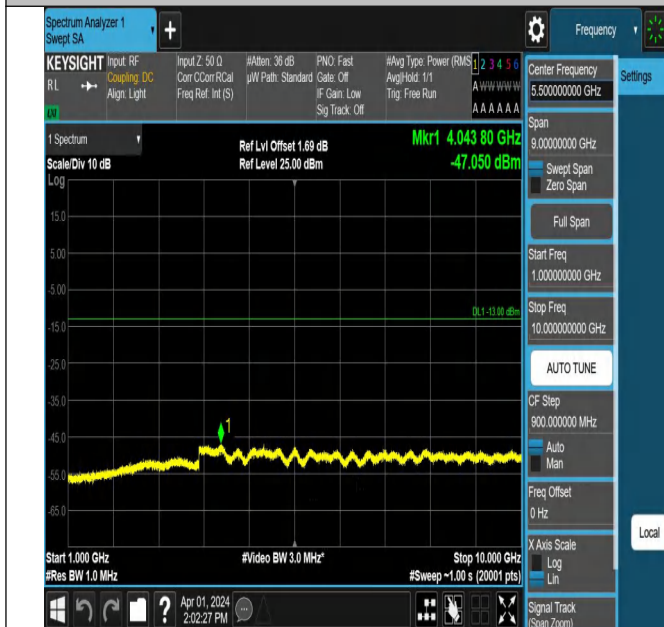
Band5-4132-1-1000~10000MHz-PASS



Band5-4132-2-1000~10000MHz-PASS



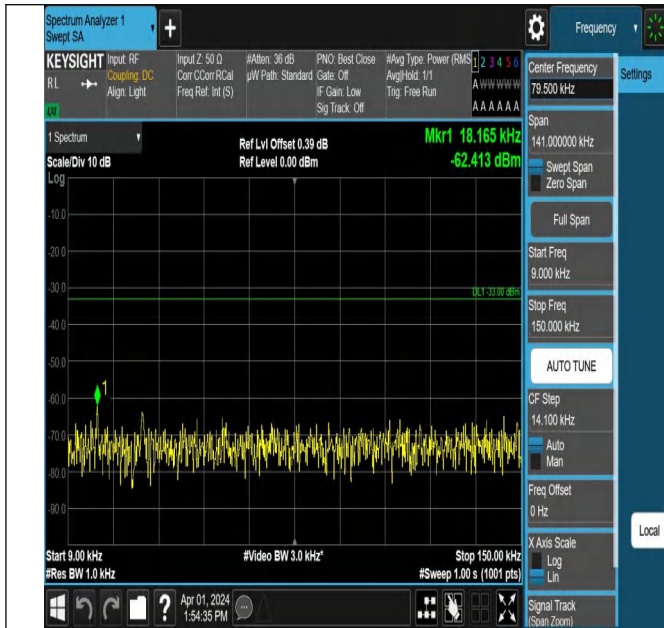
Band5-4132-3-1000~10000MHz-PASS



Band5-4132-4-1000~10000MHz-PASS



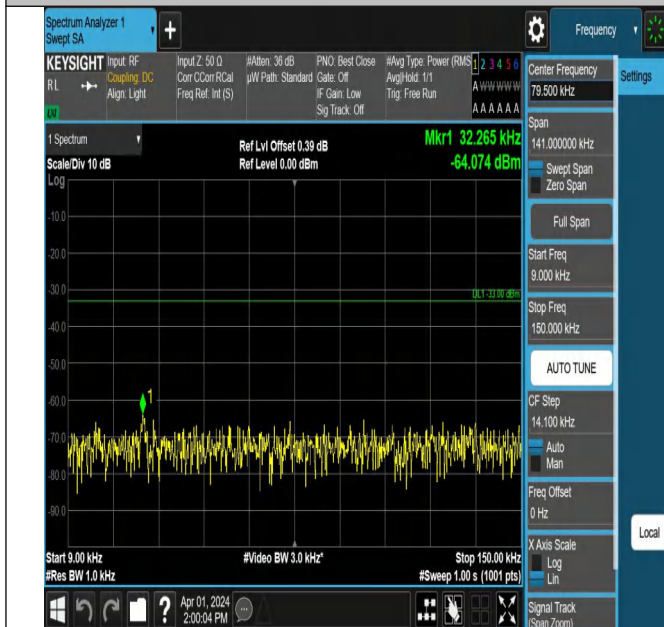
Band5-4132-5-1000~10000MHz-PASS



Band5-4182-1-0.009~0.15MHz-PASS



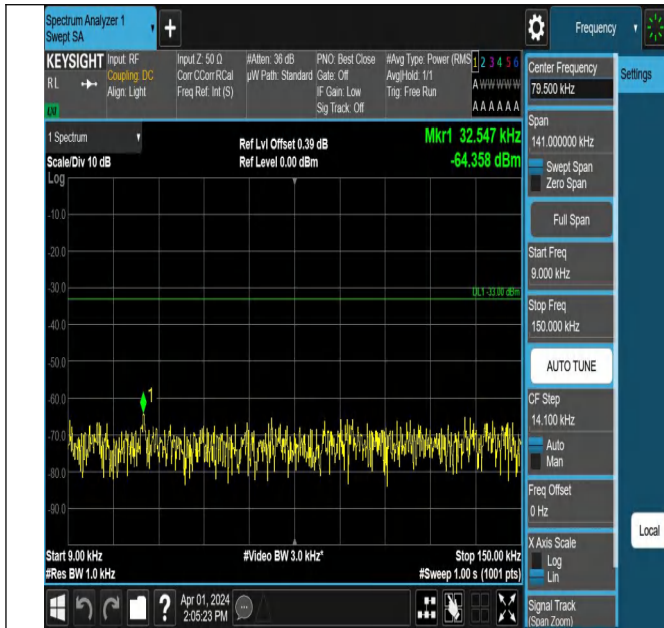
Band5-4182-2-0.009~0.15MHz-PASS



Band5-4182-3-0.009~0.15MHz-PASS



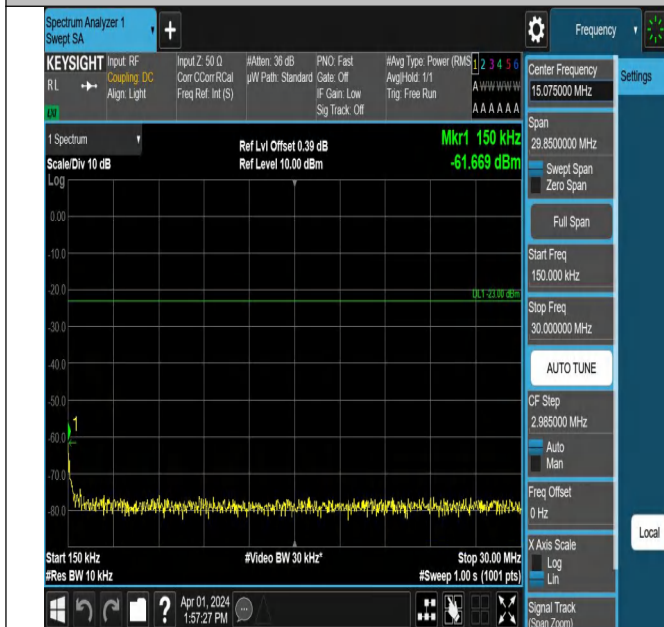
Band5-4182-4-0.009~0.15MHz-PASS



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



Band5-4182-1-0.15~30MHz-PASS

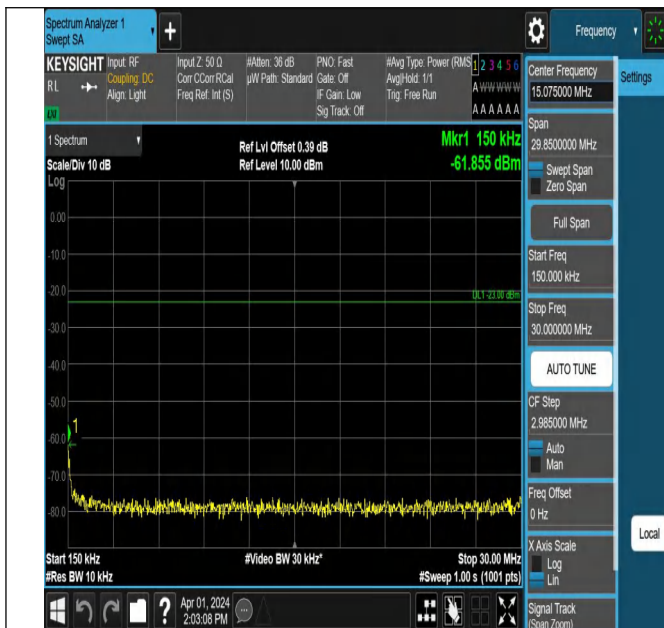


Band5-4182-2-0.15~30MHz-PASS

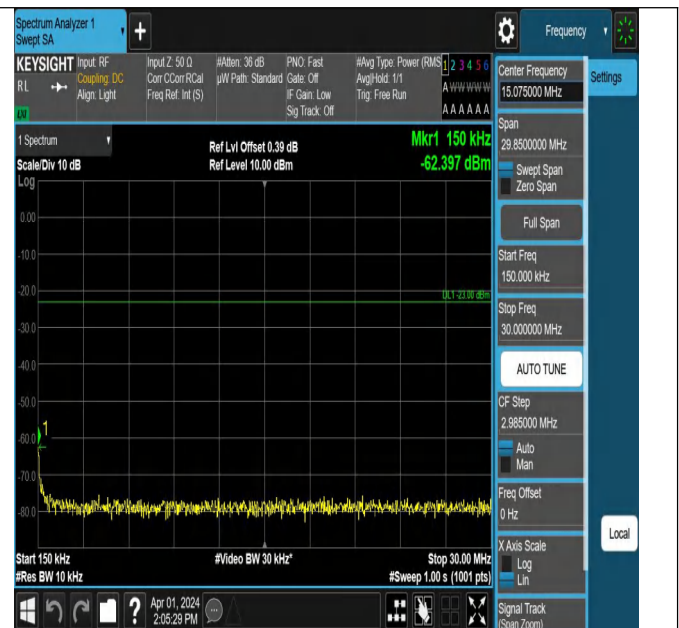


Band5-4182-3-0.15~30MHz-PASS





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



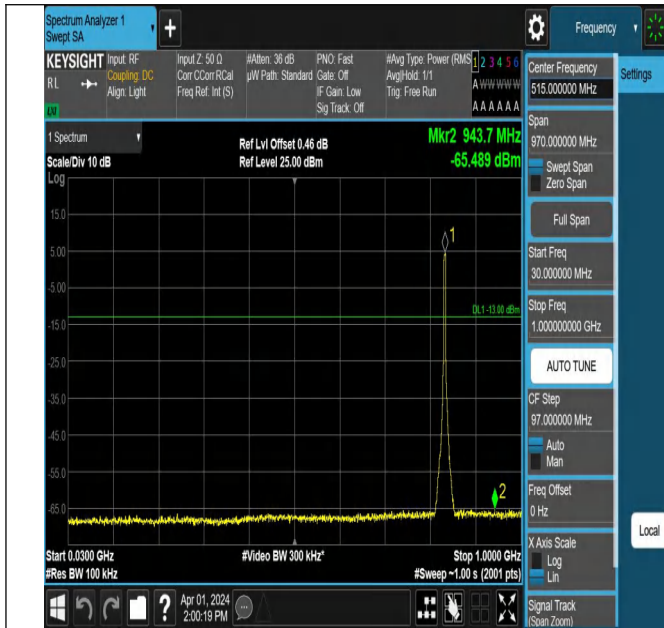
Band5-4182-5-0.15~30MHz-PASS



Band5-4182-1-30~1000MHz-PASS



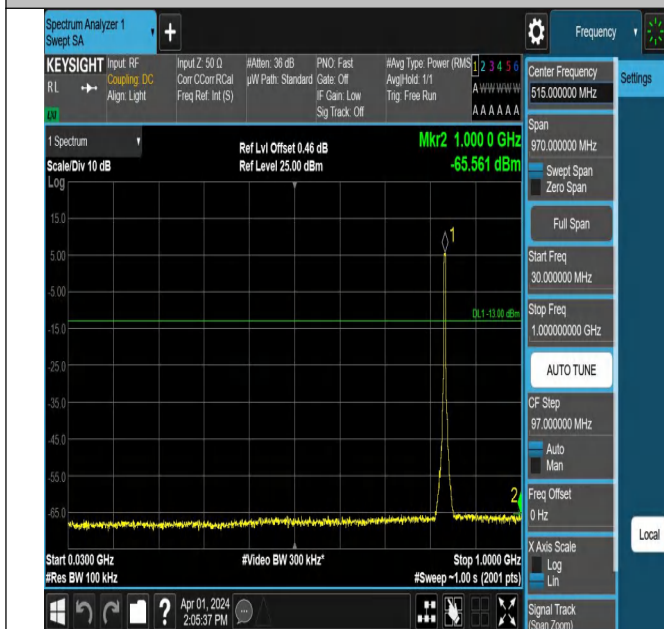
Band5-4182-2-30~1000MHz-PASS



Band5-4182-3-30~1000MHz-PASS



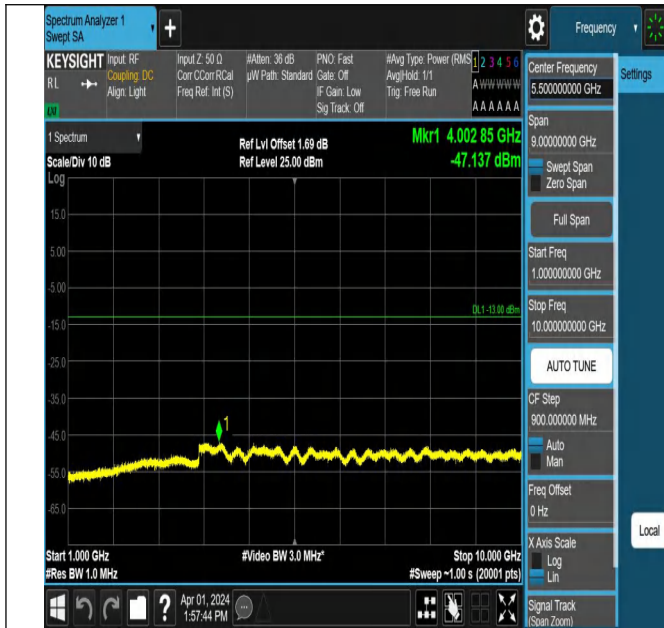
Band5-4182-4-30~1000MHz-PASS



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



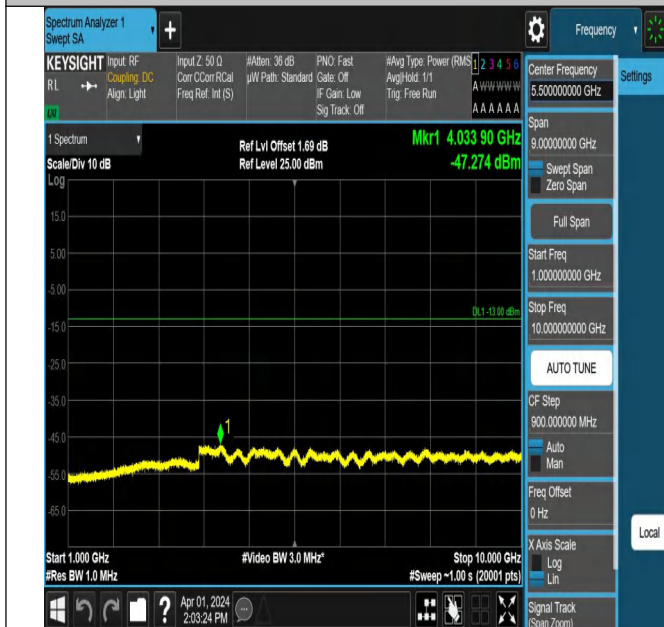
Band5-4182-1-1000~10000MHz-PASS



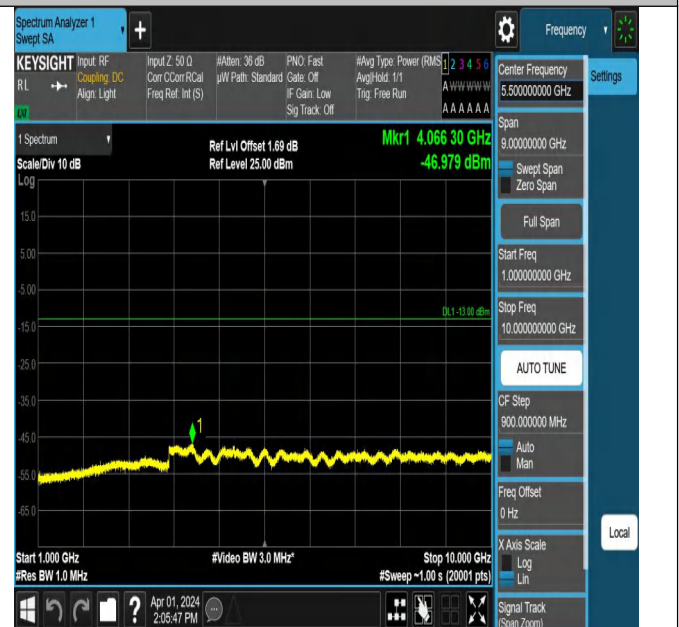
Band5-4182-2-1000~10000MHz-PASS



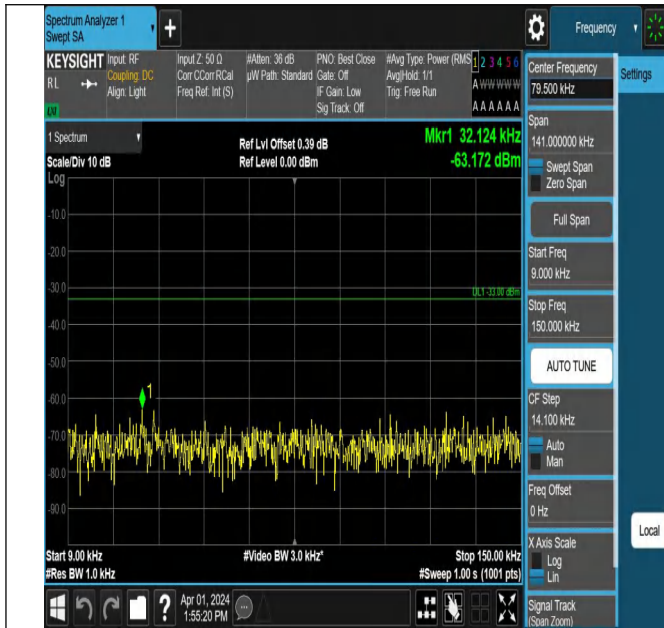
Band5-4182-3-1000~10000MHz-PASS



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



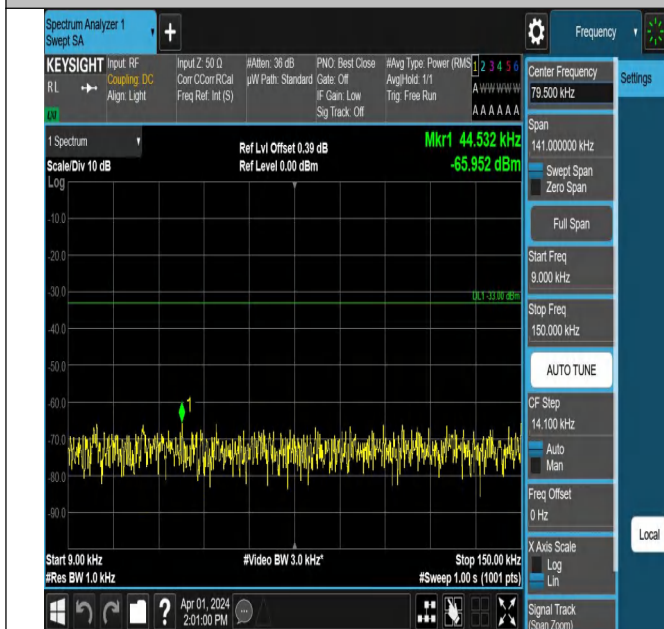
Band5-4182-5-1000~10000MHz-PASS



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



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

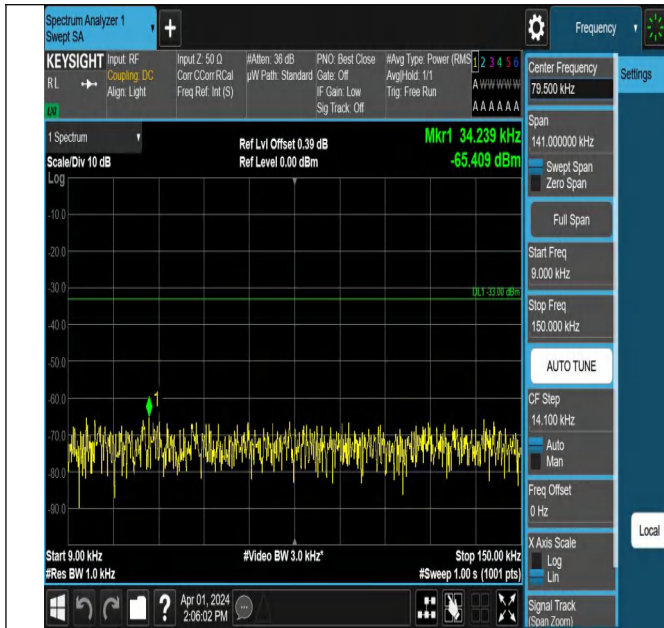


Band5-4233-3-0.009~0.15MHz-PASS



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

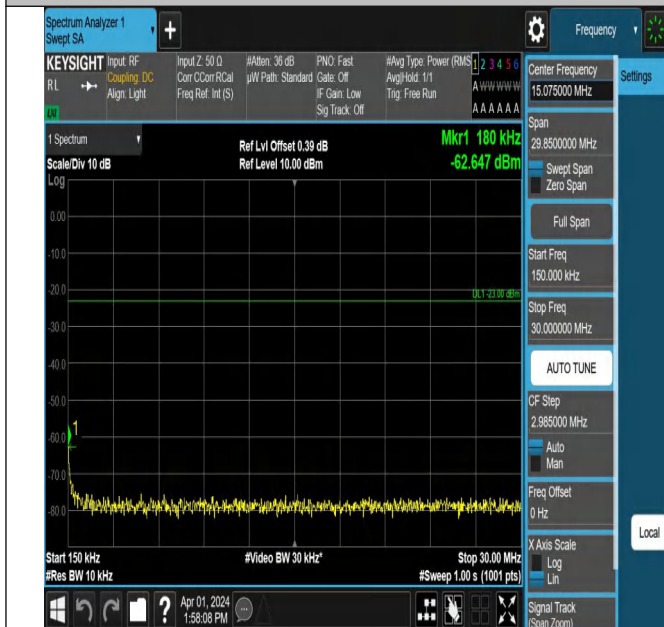




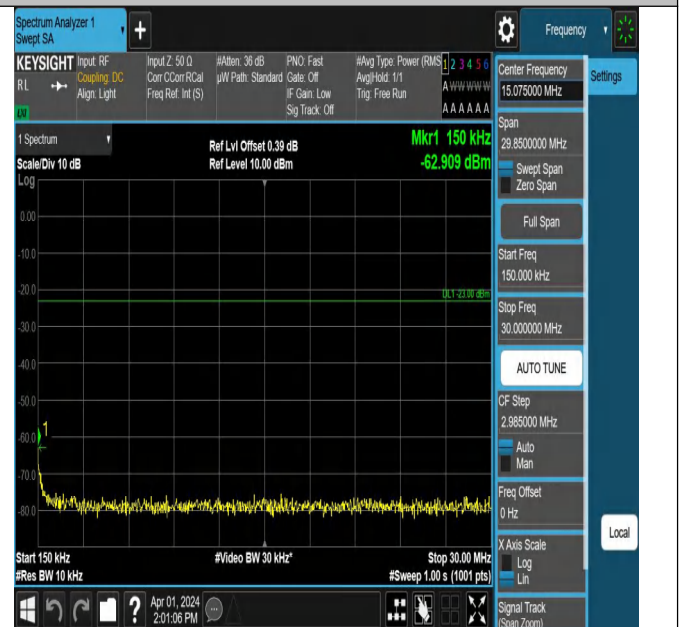
Band5-4233-5-0.009~0.15MHz-PASS



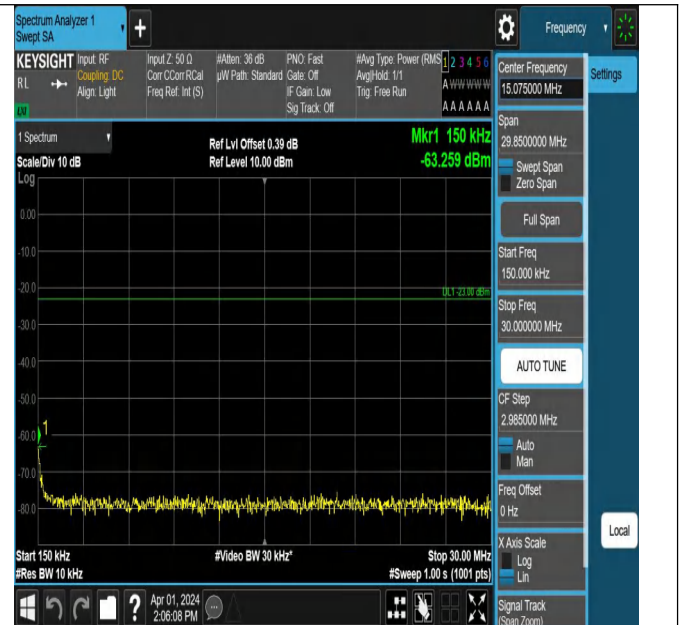
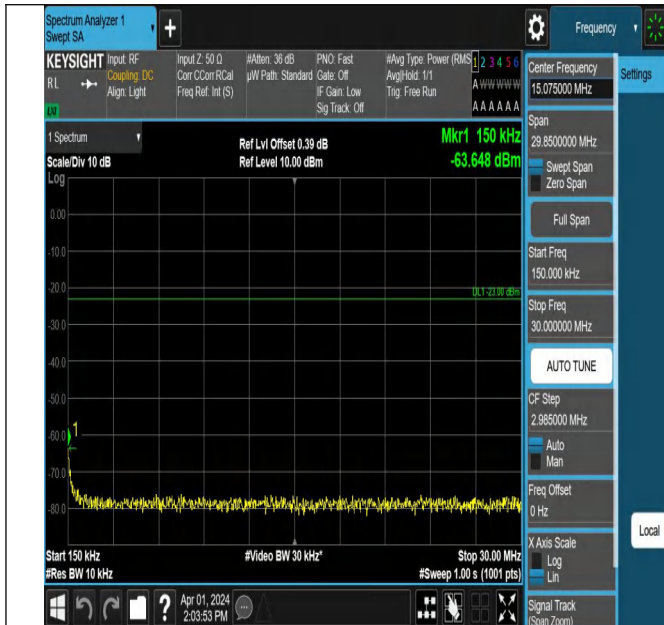
Band5-4233-1-0.15~30MHz-PASS



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

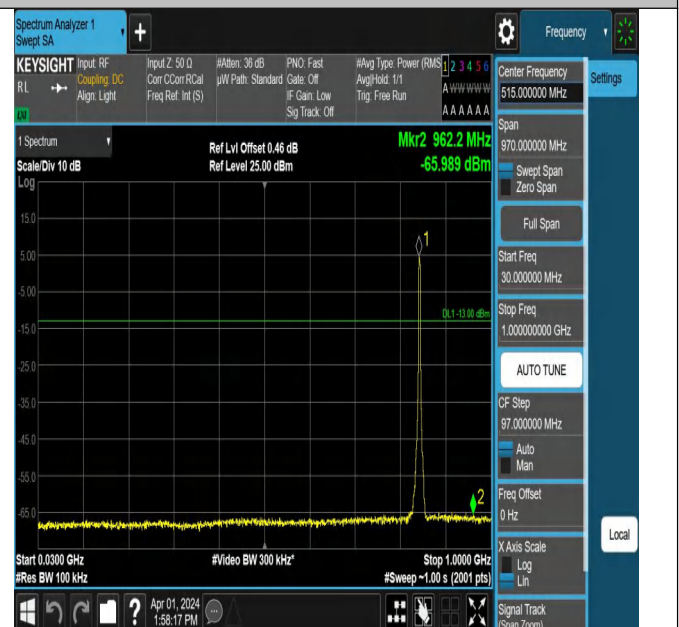
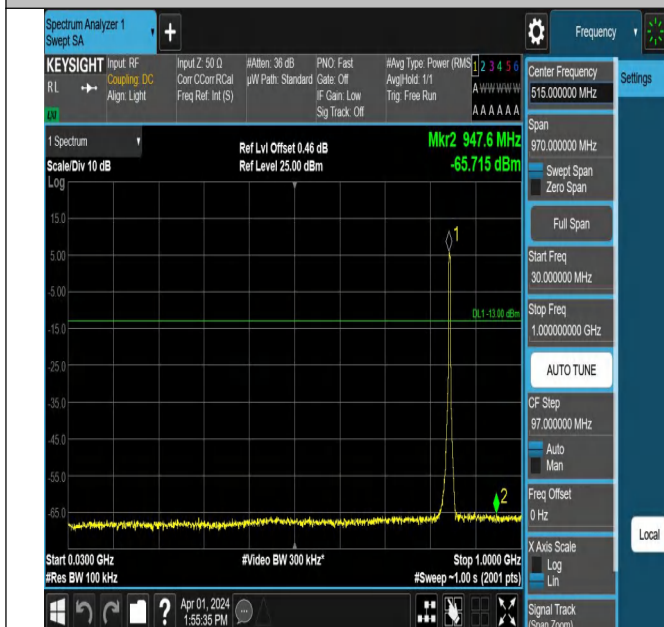


Band5-4233-3-0.15~30MHz-PASS



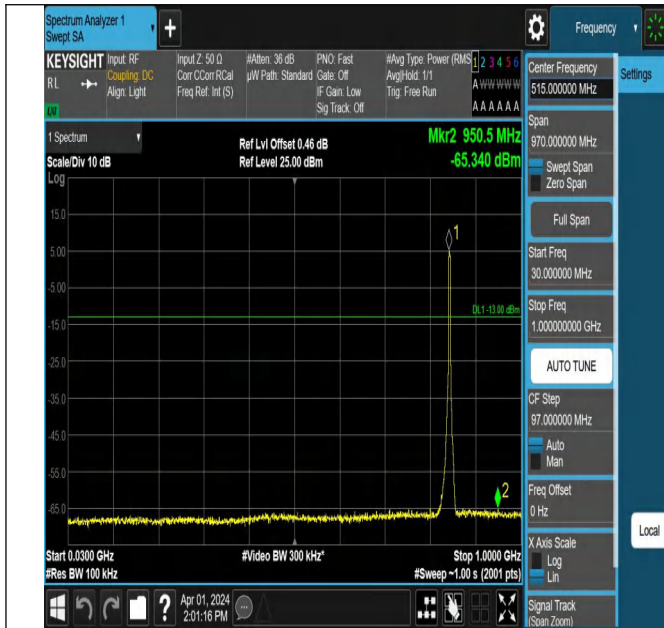
Band5-4233-4-0.15~30MHz-PASS

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

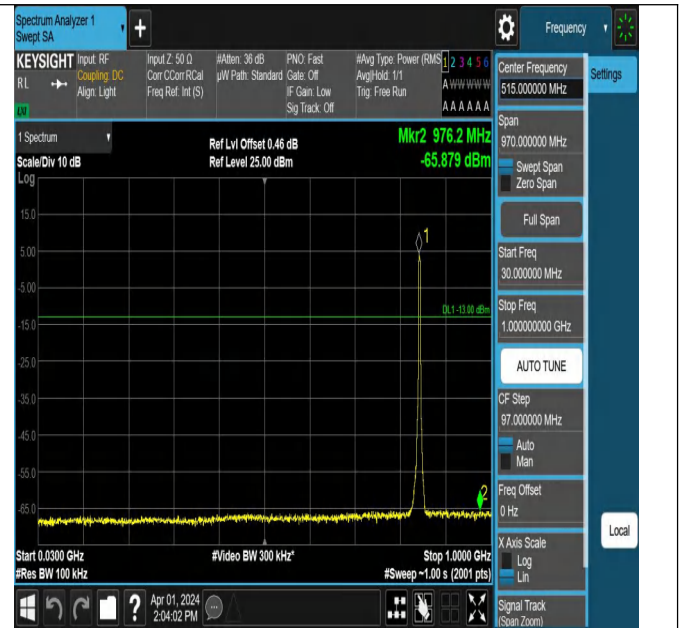


Band5-4233-1-30~1000MHz-PASS

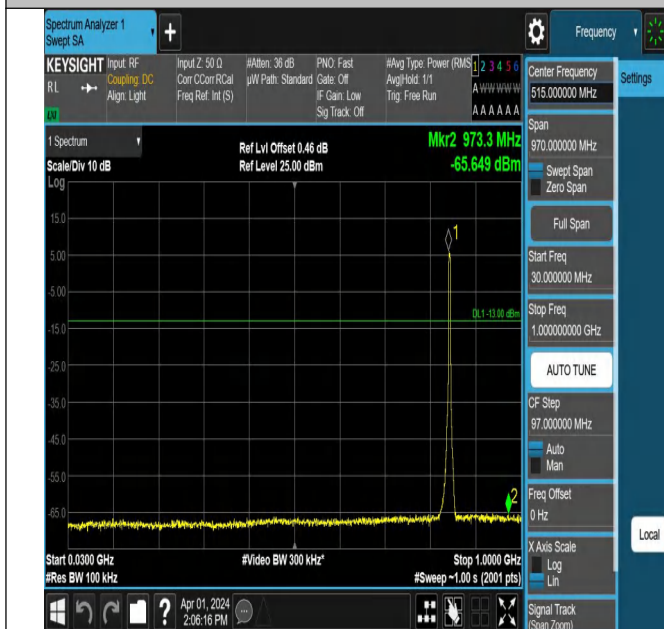
Band5-4233-2-30~1000MHz-PASS



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



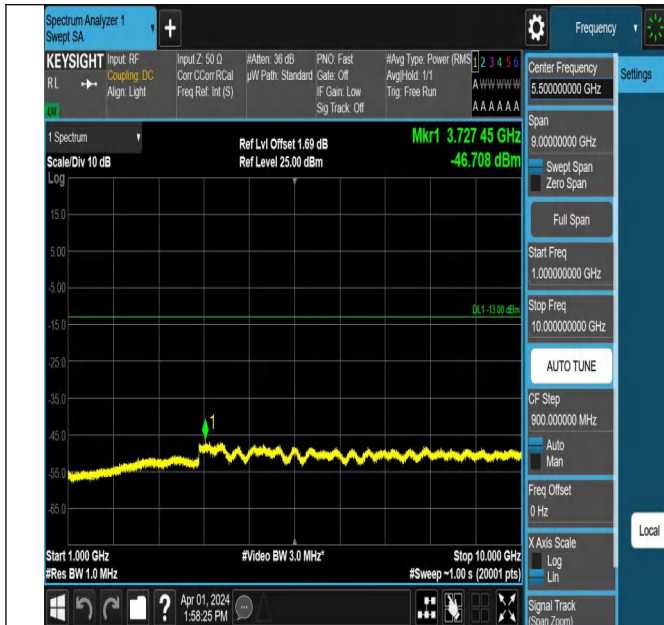
Band5-4233-4-30~1000MHz-PASS



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



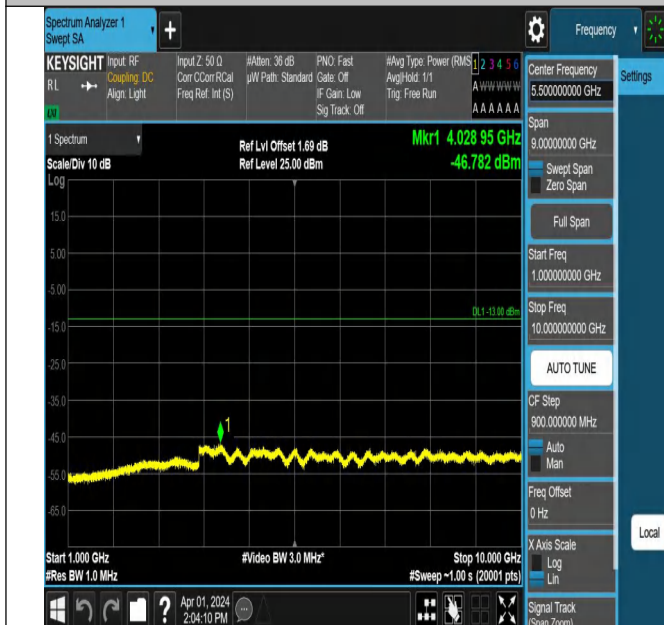
Band5-4233-1-1000~10000MHz-PASS



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



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



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



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



## Frequency Stability

### Test Result

| Voltage |         |               |                  |                |                 |             |         |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | VN            | NT               | 1.82           | 0.002202        | ±2.5        | PASS    |
| Band5   | 4132    | VL            | NT               | 1.90           | 0.002299        | ±2.5        | PASS    |
| Band5   | 4132    | VH            | NT               | 1.85           | 0.002239        | ±2.5        | PASS    |
| Band5   | 4182    | VN            | NT               | -0.40          | -0.000478       | ±2.5        | PASS    |
| Band5   | 4182    | VL            | NT               | -0.32          | -0.000383       | ±2.5        | PASS    |
| Band5   | 4182    | VH            | NT               | -0.27          | -0.000323       | ±2.5        | PASS    |
| Band5   | 4233    | VN            | NT               | -2.60          | -0.003071       | ±2.5        | PASS    |
| Band5   | 4233    | VL            | NT               | -2.06          | -0.002433       | ±2.5        | PASS    |
| Band5   | 4233    | VH            | NT               | -2.33          | -0.002752       | ±2.5        | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | NV            | -30              | 2.36           | 0.002856        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -20              | 1.16           | 0.001404        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -10              | 2.12           | 0.002565        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 0                | 1.67           | 0.002021        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 10               | 2.03           | 0.002456        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 20               | 1.54           | 0.001864        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 30               | 1.88           | 0.002275        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 40               | 1.83           | 0.002214        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 50               | 1.62           | 0.001960        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -30              | 0.45           | 0.000538        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -20              | -0.38          | -0.000454       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -10              | -0.67          | -0.000801       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 0                | -0.21          | -0.000251       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 10               | 0.11           | 0.000132        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 20               | -0.52          | -0.000622       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 30               | -0.44          | -0.000526       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 40               | -0.32          | -0.000383       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 50               | -0.15          | -0.000179       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -30              | -2.50          | -0.002953       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -20              | -2.28          | -0.002693       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -10              | -2.09          | -0.002469       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 0                | -2.72          | -0.003213       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 10               | -2.62          | -0.003095       | ±2.5        | PASS    |

|       |      |    |    |       |           |      |      |
|-------|------|----|----|-------|-----------|------|------|
| Band5 | 4233 | NV | 20 | -2.28 | -0.002693 | ±2.5 | PASS |
| Band5 | 4233 | NV | 30 | -1.94 | -0.002292 | ±2.5 | PASS |
| Band5 | 4233 | NV | 40 | -2.60 | -0.003071 | ±2.5 | PASS |
| Band5 | 4233 | NV | 50 | -2.91 | -0.003437 | ±2.5 | PASS |

| Voltage |         |         |               |                  |                |                 |             |         |
|---------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | SubTest | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | 1       | VN            | NT               | -0.45          | -0.000545       | ±2.5        | PASS    |
| Band5   | 4132    | 1       | VL            | NT               | -2.48          | -0.003001       | ±2.5        | PASS    |
| Band5   | 4132    | 1       | VH            | NT               | -1.77          | -0.002142       | ±2.5        | PASS    |
| Band5   | 4132    | 2       | VN            | NT               | -2.62          | -0.003170       | ±2.5        | PASS    |
| Band5   | 4132    | 2       | VL            | NT               | -2.57          | -0.003110       | ±2.5        | PASS    |
| Band5   | 4132    | 2       | VH            | NT               | -2.06          | -0.002493       | ±2.5        | PASS    |
| Band5   | 4132    | 3       | VN            | NT               | -1.73          | -0.002093       | ±2.5        | PASS    |
| Band5   | 4132    | 3       | VL            | NT               | -1.95          | -0.002360       | ±2.5        | PASS    |
| Band5   | 4132    | 3       | VH            | NT               | -2.29          | -0.002771       | ±2.5        | PASS    |
| Band5   | 4132    | 4       | VN            | NT               | -2.34          | -0.002832       | ±2.5        | PASS    |
| Band5   | 4132    | 4       | VL            | NT               | -2.48          | -0.003001       | ±2.5        | PASS    |
| Band5   | 4132    | 4       | VH            | NT               | -1.38          | -0.001670       | ±2.5        | PASS    |
| Band5   | 4182    | 1       | VN            | NT               | -2.60          | -0.003109       | ±2.5        | PASS    |
| Band5   | 4182    | 1       | VL            | NT               | -2.07          | -0.002475       | ±2.5        | PASS    |
| Band5   | 4182    | 1       | VH            | NT               | -2.31          | -0.002762       | ±2.5        | PASS    |
| Band5   | 4182    | 2       | VN            | NT               | -1.73          | -0.002068       | ±2.5        | PASS    |
| Band5   | 4182    | 2       | VL            | NT               | -2.06          | -0.002463       | ±2.5        | PASS    |
| Band5   | 4182    | 2       | VH            | NT               | -1.89          | -0.002260       | ±2.5        | PASS    |
| Band5   | 4182    | 3       | VN            | NT               | -1.97          | -0.002355       | ±2.5        | PASS    |
| Band5   | 4182    | 3       | VL            | NT               | -1.75          | -0.002092       | ±2.5        | PASS    |
| Band5   | 4182    | 3       | VH            | NT               | -7.01          | -0.008381       | ±2.5        | PASS    |
| Band5   | 4182    | 4       | VN            | NT               | -2.23          | -0.002666       | ±2.5        | PASS    |
| Band5   | 4182    | 4       | VL            | NT               | -4.08          | -0.004878       | ±2.5        | PASS    |
| Band5   | 4182    | 4       | VH            | NT               | -2.21          | -0.002642       | ±2.5        | PASS    |
| Band5   | 4233    | 1       | VN            | NT               | -2.27          | -0.002681       | ±2.5        | PASS    |
| Band5   | 4233    | 1       | VL            | NT               | -2.76          | -0.003260       | ±2.5        | PASS    |
| Band5   | 4233    | 1       | VH            | NT               | -1.85          | -0.002185       | ±2.5        | PASS    |
| Band5   | 4233    | 2       | VN            | NT               | -2.12          | -0.002504       | ±2.5        | PASS    |
| Band5   | 4233    | 2       | VL            | NT               | -2.03          | -0.002398       | ±2.5        | PASS    |
| Band5   | 4233    | 2       | VH            | NT               | -1.68          | -0.001984       | ±2.5        | PASS    |
| Band5   | 4233    | 3       | VN            | NT               | -2.11          | -0.002492       | ±2.5        | PASS    |
| Band5   | 4233    | 3       | VL            | NT               | -1.82          | -0.002150       | ±2.5        | PASS    |
| Band5   | 4233    | 3       | VH            | NT               | -2.47          | -0.002918       | ±2.5        | PASS    |
| Band5   | 4233    | 4       | VN            | NT               | -1.91          | -0.002256       | ±2.5        | PASS    |

|       |      |   |    |    |       |           |      |      |
|-------|------|---|----|----|-------|-----------|------|------|
| Band5 | 4233 | 4 | VL | NT | -2.25 | -0.002658 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VH | NT | -1.29 | -0.001524 | ±2.5 | PASS |

| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | SubTest | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | 1       | NV            | -30              | -2.91          | -0.003521       | ±2.5        | PASS    |
| Band5       | 4132    | 1       | NV            | -20              | -1.19          | -0.001440       | ±2.5        | PASS    |
| Band5       | 4132    | 1       | NV            | -10              | -1.94          | -0.002348       | ±2.5        | PASS    |
| Band5       | 4132    | 1       | NV            | 0                | -1.72          | -0.002081       | ±2.5        | PASS    |
| Band5       | 4132    | 1       | NV            | 10               | -1.63          | -0.001972       | ±2.5        | PASS    |
| Band5       | 4132    | 1       | NV            | 20               | -2.35          | -0.002844       | ±2.5        | PASS    |
| Band5       | 4132    | 1       | NV            | 30               | -2.19          | -0.002650       | ±2.5        | PASS    |
| Band5       | 4132    | 1       | NV            | 40               | -1.80          | -0.002178       | ±2.5        | PASS    |
| Band5       | 4132    | 1       | NV            | 50               | -1.80          | -0.002178       | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | -30              | -2.32          | -0.002807       | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | -20              | -1.88          | -0.002275       | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | -10              | -2.22          | -0.002686       | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | 0                | -4.10          | -0.004961       | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | 10               | -5.51          | -0.006667       | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | 20               | 21.56          | 0.026089        | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | 30               | -3.98          | -0.004816       | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | 40               | -2.46          | -0.002977       | ±2.5        | PASS    |
| Band5       | 4132    | 2       | NV            | 50               | -2.28          | -0.002759       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | -30              | -2.13          | -0.002577       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | -20              | -1.85          | -0.002239       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | -10              | -1.95          | -0.002360       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | 0                | -1.14          | -0.001379       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | 10               | -2.38          | -0.002880       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | 20               | -2.62          | -0.003170       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | 30               | -1.87          | -0.002263       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | 40               | -2.27          | -0.002747       | ±2.5        | PASS    |
| Band5       | 4132    | 3       | NV            | 50               | -2.05          | -0.002481       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | -30              | -2.11          | -0.002553       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | -20              | -2.09          | -0.002529       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | -10              | -2.36          | -0.002856       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | 0                | -2.12          | -0.002565       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | 10               | -2.02          | -0.002444       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | 20               | -2.99          | -0.003618       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | 30               | -2.83          | -0.003424       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | 40               | -2.10          | -0.002541       | ±2.5        | PASS    |
| Band5       | 4132    | 4       | NV            | 50               | -1.73          | -0.002093       | ±2.5        | PASS    |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4182 | 1 | NV | -30 | -2.06 | -0.002463 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -20 | -1.79 | -0.002140 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -10 | -2.08 | -0.002487 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 0   | -2.44 | -0.002917 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 10  | -2.71 | -0.003240 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 20  | -2.10 | -0.002511 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 30  | -1.93 | -0.002308 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 40  | -2.12 | -0.002535 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 50  | -2.56 | -0.003061 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -30 | -1.13 | -0.001351 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -20 | -1.93 | -0.002308 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -10 | -1.90 | -0.002272 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 0   | -2.05 | -0.002451 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 10  | -2.57 | -0.003073 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 20  | -2.03 | -0.002427 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 30  | -1.72 | -0.002056 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 40  | -1.85 | -0.002212 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 50  | -1.92 | -0.002296 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -30 | -1.84 | -0.002200 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -20 | -2.38 | -0.002846 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -10 | -2.08 | -0.002487 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 0   | -2.37 | -0.002834 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 10  | -2.33 | -0.002786 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 20  | -2.55 | -0.003049 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 30  | -2.05 | -0.002451 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 40  | -3.04 | -0.003635 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 50  | -1.96 | -0.002343 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -30 | -1.84 | -0.002200 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -20 | -2.13 | -0.002547 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -10 | -2.31 | -0.002762 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 0   | -1.55 | -0.001853 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 10  | -1.96 | -0.002343 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 20  | -2.26 | -0.002702 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 30  | -2.12 | -0.002535 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 40  | -2.36 | -0.002822 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 50  | -3.10 | -0.003706 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -30 | -2.86 | -0.003378 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -20 | -2.45 | -0.002894 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -10 | -2.19 | -0.002587 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 0   | -2.50 | -0.002953 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 10  | -2.09 | -0.002469 | ±2.5 | PASS |



|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4233 | 1 | NV | 20  | -2.96 | -0.003496 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 30  | -2.55 | -0.003012 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 40  | -2.10 | -0.002481 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 50  | -2.74 | -0.003236 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -30 | -2.03 | -0.002398 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -20 | -2.59 | -0.003059 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -10 | -2.35 | -0.002776 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 0   | -2.06 | -0.002433 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 10  | -1.16 | -0.001370 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 20  | -2.40 | -0.002835 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 30  | -1.91 | -0.002256 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 40  | -1.69 | -0.001996 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 50  | -3.03 | -0.003579 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -30 | -1.49 | -0.001760 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -20 | -2.20 | -0.002599 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -10 | -1.75 | -0.002067 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 0   | -1.81 | -0.002138 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 10  | -2.00 | -0.002362 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 20  | -1.80 | -0.002126 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 30  | -3.29 | -0.003886 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 40  | -2.15 | -0.002540 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 50  | -2.13 | -0.002516 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -30 | -2.14 | -0.002528 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -20 | -2.23 | -0.002634 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -10 | -2.77 | -0.003272 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 0   | -3.64 | -0.004300 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 10  | -1.75 | -0.002067 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 20  | -2.55 | -0.003012 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 30  | -2.05 | -0.002421 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 40  | -1.81 | -0.002138 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 50  | -2.02 | -0.002386 | ±2.5 | PASS |

| Voltage |         |         |               |                  |                |                 |             |         |
|---------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | SubTest | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | 1       | VN            | NT               | -1.40          | -0.001694       | ±2.5        | PASS    |
| Band5   | 4132    | 1       | VL            | NT               | -1.67          | -0.002021       | ±2.5        | PASS    |
| Band5   | 4132    | 1       | VH            | NT               | -1.34          | -0.001621       | ±2.5        | PASS    |
| Band5   | 4132    | 2       | VN            | NT               | -0.95          | -0.001150       | ±2.5        | PASS    |
| Band5   | 4132    | 2       | VL            | NT               | -0.93          | -0.001125       | ±2.5        | PASS    |
| Band5   | 4132    | 2       | VH            | NT               | -1.70          | -0.002057       | ±2.5        | PASS    |
| Band5   | 4132    | 3       | VN            | NT               | -1.34          | -0.001621       | ±2.5        | PASS    |

|       |      |   |    |    |       |           |      |      |
|-------|------|---|----|----|-------|-----------|------|------|
| Band5 | 4132 | 3 | VL | NT | -1.80 | -0.002178 | ±2.5 | PASS |
| Band5 | 4132 | 3 | VH | NT | -1.38 | -0.001670 | ±2.5 | PASS |
| Band5 | 4132 | 4 | VN | NT | -1.81 | -0.002190 | ±2.5 | PASS |
| Band5 | 4132 | 4 | VL | NT | -1.19 | -0.001440 | ±2.5 | PASS |
| Band5 | 4132 | 4 | VH | NT | -1.77 | -0.002142 | ±2.5 | PASS |
| Band5 | 4132 | 5 | VN | NT | -1.99 | -0.002408 | ±2.5 | PASS |
| Band5 | 4132 | 5 | VL | NT | -1.30 | -0.001573 | ±2.5 | PASS |
| Band5 | 4132 | 5 | VH | NT | -1.89 | -0.002287 | ±2.5 | PASS |
| Band5 | 4182 | 1 | VN | NT | -2.13 | -0.002547 | ±2.5 | PASS |
| Band5 | 4182 | 1 | VL | NT | -2.23 | -0.002666 | ±2.5 | PASS |
| Band5 | 4182 | 1 | VH | NT | -1.96 | -0.002343 | ±2.5 | PASS |
| Band5 | 4182 | 2 | VN | NT | -0.49 | -0.000586 | ±2.5 | PASS |
| Band5 | 4182 | 2 | VL | NT | -1.79 | -0.002140 | ±2.5 | PASS |
| Band5 | 4182 | 2 | VH | NT | -1.26 | -0.001506 | ±2.5 | PASS |
| Band5 | 4182 | 3 | VN | NT | -1.64 | -0.001961 | ±2.5 | PASS |
| Band5 | 4182 | 3 | VL | NT | -1.83 | -0.002188 | ±2.5 | PASS |
| Band5 | 4182 | 3 | VH | NT | -1.40 | -0.001674 | ±2.5 | PASS |
| Band5 | 4182 | 4 | VN | NT | -2.10 | -0.002511 | ±2.5 | PASS |
| Band5 | 4182 | 4 | VL | NT | -1.58 | -0.001889 | ±2.5 | PASS |
| Band5 | 4182 | 4 | VH | NT | -2.46 | -0.002941 | ±2.5 | PASS |
| Band5 | 4182 | 5 | VN | NT | -1.31 | -0.001566 | ±2.5 | PASS |
| Band5 | 4182 | 5 | VL | NT | -1.71 | -0.002044 | ±2.5 | PASS |
| Band5 | 4182 | 5 | VH | NT | -1.98 | -0.002367 | ±2.5 | PASS |
| Band5 | 4233 | 1 | VN | NT | -1.44 | -0.001701 | ±2.5 | PASS |
| Band5 | 4233 | 1 | VL | NT | -1.14 | -0.001347 | ±2.5 | PASS |
| Band5 | 4233 | 1 | VH | NT | -2.51 | -0.002965 | ±2.5 | PASS |
| Band5 | 4233 | 2 | VN | NT | -2.73 | -0.003225 | ±2.5 | PASS |
| Band5 | 4233 | 2 | VL | NT | -2.49 | -0.002941 | ±2.5 | PASS |
| Band5 | 4233 | 2 | VH | NT | -1.33 | -0.001571 | ±2.5 | PASS |
| Band5 | 4233 | 3 | VN | NT | -1.27 | -0.001500 | ±2.5 | PASS |
| Band5 | 4233 | 3 | VL | NT | -2.53 | -0.002988 | ±2.5 | PASS |
| Band5 | 4233 | 3 | VH | NT | -1.92 | -0.002268 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VN | NT | -1.44 | -0.001701 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VL | NT | -1.80 | -0.002126 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VH | NT | -1.57 | -0.001854 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VN | NT | -2.15 | -0.002540 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VL | NT | -1.52 | -0.001795 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VH | NT | -2.04 | -0.002410 | ±2.5 | PASS |

| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | SubTest | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4132 | 1 | NV | -30 | -2.17 | -0.002626 | ±2.5 | PASS |
| Band5 | 4132 | 1 | NV | -20 | -1.94 | -0.002348 | ±2.5 | PASS |
| Band5 | 4132 | 1 | NV | -10 | -2.70 | -0.003267 | ±2.5 | PASS |
| Band5 | 4132 | 1 | NV | 0   | -2.21 | -0.002674 | ±2.5 | PASS |
| Band5 | 4132 | 1 | NV | 10  | -1.75 | -0.002118 | ±2.5 | PASS |
| Band5 | 4132 | 1 | NV | 20  | -2.23 | -0.002698 | ±2.5 | PASS |
| Band5 | 4132 | 1 | NV | 30  | -2.77 | -0.003352 | ±2.5 | PASS |
| Band5 | 4132 | 1 | NV | 40  | -1.37 | -0.001658 | ±2.5 | PASS |
| Band5 | 4132 | 1 | NV | 50  | -2.06 | -0.002493 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | -30 | -1.88 | -0.002275 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | -20 | -1.23 | -0.001488 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | -10 | -1.25 | -0.001513 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | 0   | -2.10 | -0.002541 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | 10  | -2.01 | -0.002432 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | 20  | -1.27 | -0.001537 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | 30  | -2.62 | -0.003170 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | 40  | -1.78 | -0.002154 | ±2.5 | PASS |
| Band5 | 4132 | 2 | NV | 50  | -1.21 | -0.001464 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | -30 | -1.66 | -0.002009 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | -20 | -1.80 | -0.002178 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | -10 | -1.29 | -0.001561 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | 0   | -2.58 | -0.003122 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | 10  | -1.47 | -0.001779 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | 20  | -1.94 | -0.002348 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | 30  | -1.47 | -0.001779 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | 40  | -1.84 | -0.002227 | ±2.5 | PASS |
| Band5 | 4132 | 3 | NV | 50  | -1.65 | -0.001997 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | -30 | -1.88 | -0.002275 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | -20 | -2.55 | -0.003086 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | -10 | -1.76 | -0.002130 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 0   | -2.02 | -0.002444 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 10  | -1.44 | -0.001742 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 20  | -1.89 | -0.002287 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 30  | -2.25 | -0.002723 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 40  | -2.42 | -0.002928 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 50  | -2.39 | -0.002892 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -30 | -1.78 | -0.002154 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -20 | -1.48 | -0.001791 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -10 | -2.38 | -0.002880 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 0   | -2.14 | -0.002590 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 10  | -2.25 | -0.002723 | ±2.5 | PASS |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4132 | 5 | NV | 20  | -2.26 | -0.002735 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 30  | -2.38 | -0.002880 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 40  | -1.96 | -0.002372 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 50  | -1.96 | -0.002372 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -30 | -2.48 | -0.002965 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -20 | -2.28 | -0.002726 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -10 | -2.17 | -0.002594 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 0   | -2.16 | -0.002582 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 10  | -2.22 | -0.002654 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 20  | -2.84 | -0.003396 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 30  | -2.44 | -0.002917 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 40  | -2.17 | -0.002594 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 50  | -1.51 | -0.001805 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -30 | -1.51 | -0.001805 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -20 | -1.80 | -0.002152 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -10 | -2.71 | -0.003240 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 0   | -1.61 | -0.001925 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 10  | -2.04 | -0.002439 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 20  | -1.97 | -0.002355 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 30  | -2.56 | -0.003061 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 40  | -2.38 | -0.002846 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 50  | -1.73 | -0.002068 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -30 | -2.07 | -0.002475 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -20 | -1.21 | -0.001447 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -10 | -2.60 | -0.003109 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 0   | -1.22 | -0.001459 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 10  | -1.63 | -0.001949 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 20  | -2.68 | -0.003204 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 30  | -2.15 | -0.002571 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 40  | -1.94 | -0.002319 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 50  | -2.12 | -0.002535 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -30 | -2.06 | -0.002463 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -20 | -2.43 | -0.002905 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -10 | -2.14 | -0.002559 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 0   | -2.18 | -0.002606 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 10  | -2.38 | -0.002846 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 20  | -2.06 | -0.002463 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 30  | -1.83 | -0.002188 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 40  | -2.39 | -0.002857 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 50  | -2.53 | -0.003025 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | -30 | -2.09 | -0.002499 | ±2.5 | PASS |



|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4182 | 5 | NV | -20 | -1.43 | -0.001710 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | -10 | -2.09 | -0.002499 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 0   | -1.71 | -0.002044 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 10  | -1.89 | -0.002260 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 20  | -2.44 | -0.002917 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 30  | -1.82 | -0.002176 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 40  | -1.72 | -0.002056 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 50  | -1.61 | -0.001925 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -30 | -2.03 | -0.002398 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -20 | -1.95 | -0.002303 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -10 | -1.27 | -0.001500 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 0   | -1.99 | -0.002351 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 10  | -2.61 | -0.003083 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 20  | -1.98 | -0.002339 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 30  | -2.53 | -0.002988 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 40  | -1.72 | -0.002032 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 50  | -2.42 | -0.002858 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -30 | -1.80 | -0.002126 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -20 | -2.56 | -0.003024 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -10 | -1.83 | -0.002162 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 0   | -1.63 | -0.001925 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 10  | -2.34 | -0.002764 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 20  | -2.37 | -0.002799 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 30  | -2.04 | -0.002410 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 40  | -1.19 | -0.001406 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 50  | -1.33 | -0.001571 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -30 | -1.84 | -0.002173 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -20 | -1.77 | -0.002091 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -10 | -2.24 | -0.002646 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 0   | -2.03 | -0.002398 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 10  | -2.62 | -0.003095 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 20  | -1.59 | -0.001878 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 30  | -1.84 | -0.002173 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 40  | -2.26 | -0.002670 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 50  | -1.60 | -0.001890 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -30 | -1.55 | -0.001831 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -20 | -1.97 | -0.002327 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -10 | -2.52 | -0.002977 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 0   | -1.84 | -0.002173 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 10  | -2.04 | -0.002410 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 20  | -1.71 | -0.002020 | ±2.5 | PASS |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4233 | 4 | NV | 30  | -2.20 | -0.002599 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 40  | -2.65 | -0.003130 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 50  | -1.97 | -0.002327 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | -30 | -1.56 | -0.001843 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | -20 | -2.29 | -0.002705 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | -10 | -1.83 | -0.002162 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 0   | -2.32 | -0.002740 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 10  | -1.84 | -0.002173 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 20  | -2.45 | -0.002894 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 30  | -2.88 | -0.003402 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 40  | -1.72 | -0.002032 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 50  | -2.49 | -0.002941 | ±2.5 | PASS |