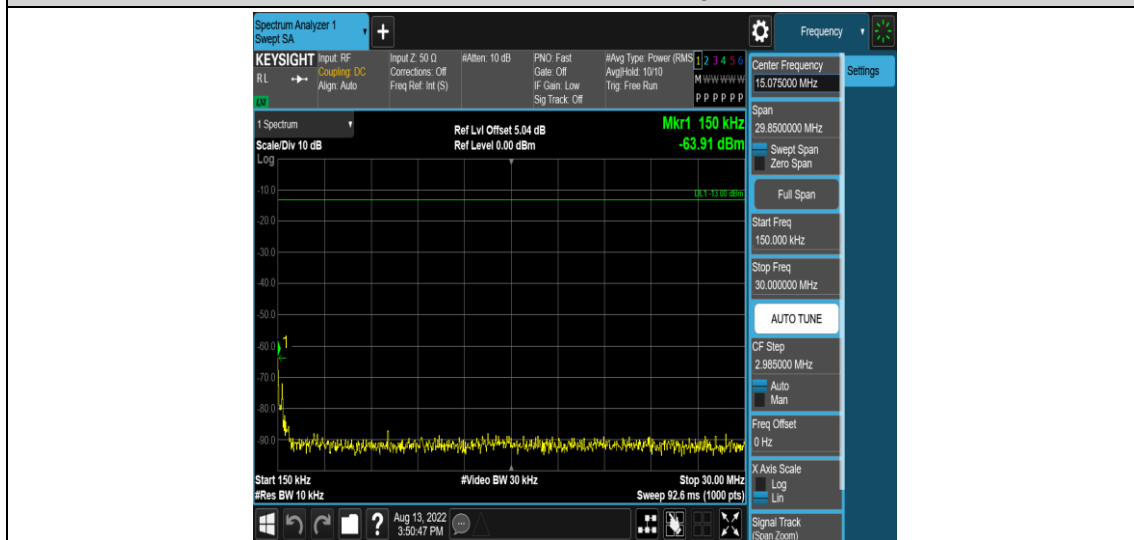




Band12-5MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



Band12-5MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



Band12-5MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



Band12-5MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



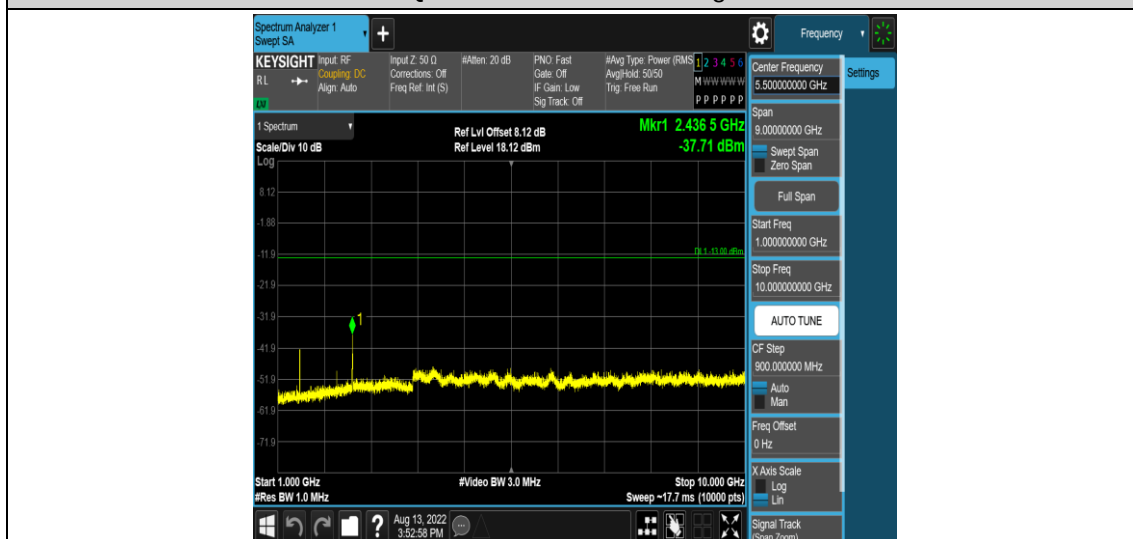
Band12-5MHz-QPSK-23155-1RB#0-Range1:0.009~0.15MHz



Band12-5MHz-QPSK-23155-1RB#0-Range2:0.15~30MHz



Band12-5MHz-QPSK-23155-1RB#0-Range3:30~1000MHz



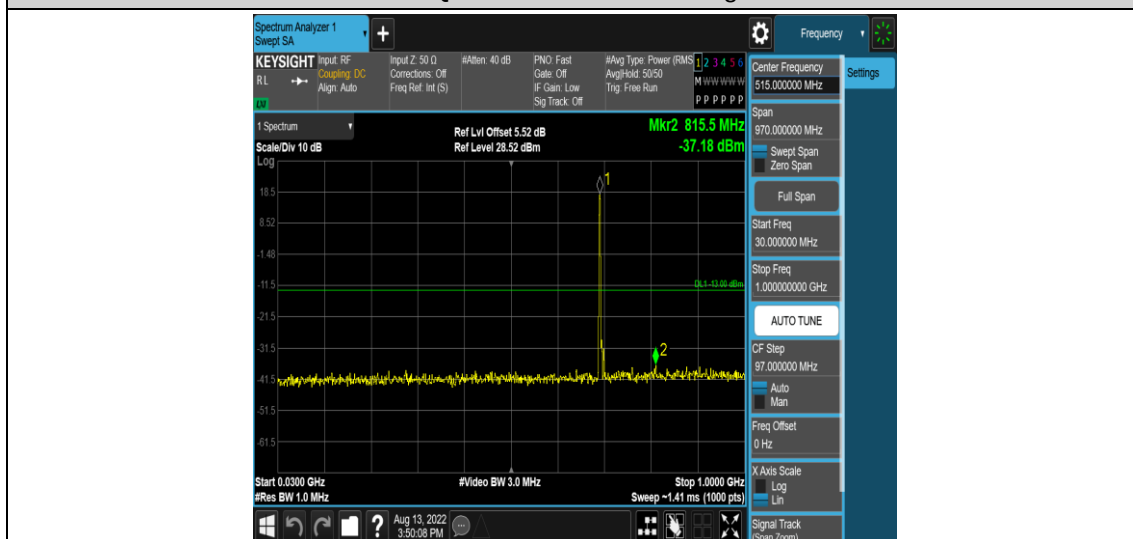
Band12-5MHz-QPSK-23155-1RB#0-Range4:1000~10000MHz



Band12-5MHz-16QAM-23035-1RB#0-Range1:0.009~0.15MHz



Band12-5MHz-16QAM-23035-1RB#0-Range2:0.15~30MHz



Band12-5MHz-16QAM-23035-1RB#0-Range3:30~1000MHz



Band12-5MHz-16QAM-23035-1RB#0-Range4:1000~10000MHz



Band12-5MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



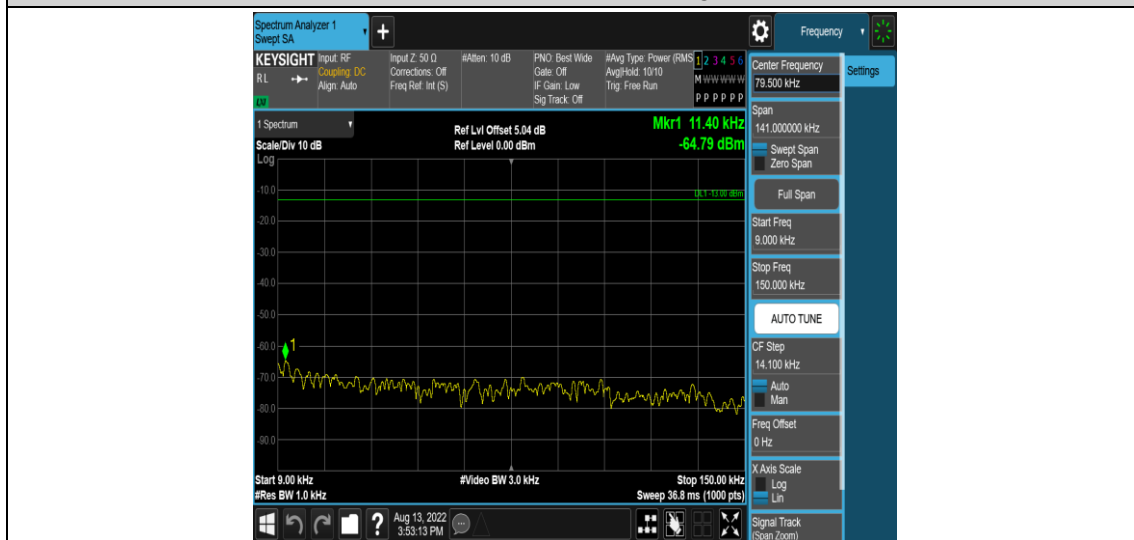
Band12-5MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



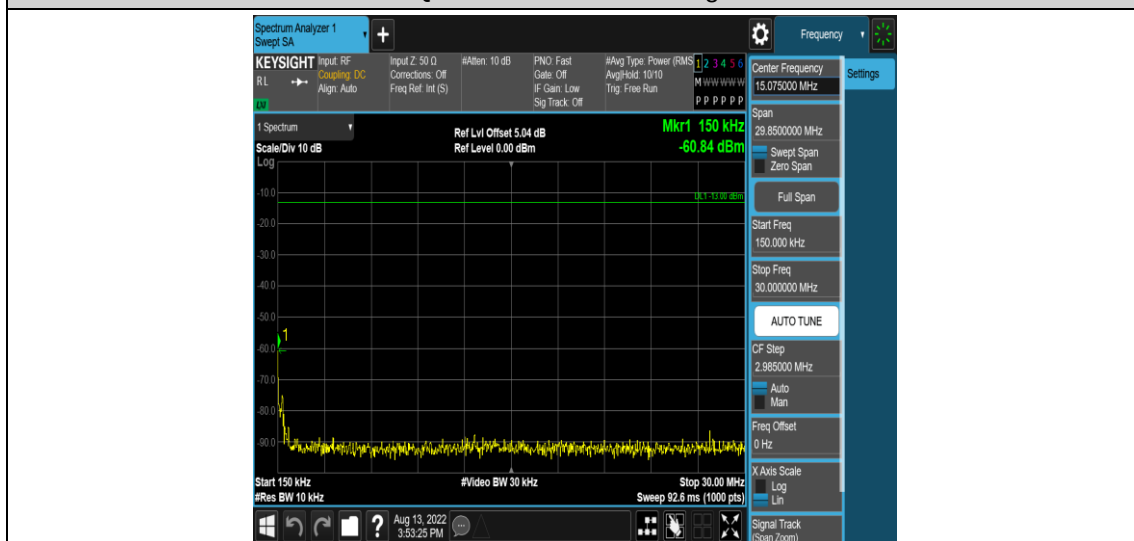
Band12-5MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



Band12-5MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



Band12-5MHz-16QAM-23155-1RB#0-Range1:0.009~0.15MHz



Band12-5MHz-16QAM-23155-1RB#0-Range2:0.15~30MHz



Band12-5MHz-16QAM-23155-1RB#0-Range3:30~1000MHz



Band12-5MHz-16QAM-23155-1RB#0-Range4:1000~10000MHz



Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-QPSK-23060-1RB#0-Range2:0.15~30MHz



Band12-10MHz-QPSK-23060-1RB#0-Range3:30~1000MHz



Band12-10MHz-QPSK-23060-1RB#0-Range4:1000~10000MHz



Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



Band12-10MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



Band12-10MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz



Band12-10MHz-16QAM-23060-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-16QAM-23060-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23060-1RB#0-Range3:30~1000MHz



Band12-10MHz-16QAM-23060-1RB#0-Range4:1000~10000MHz



Band12-10MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



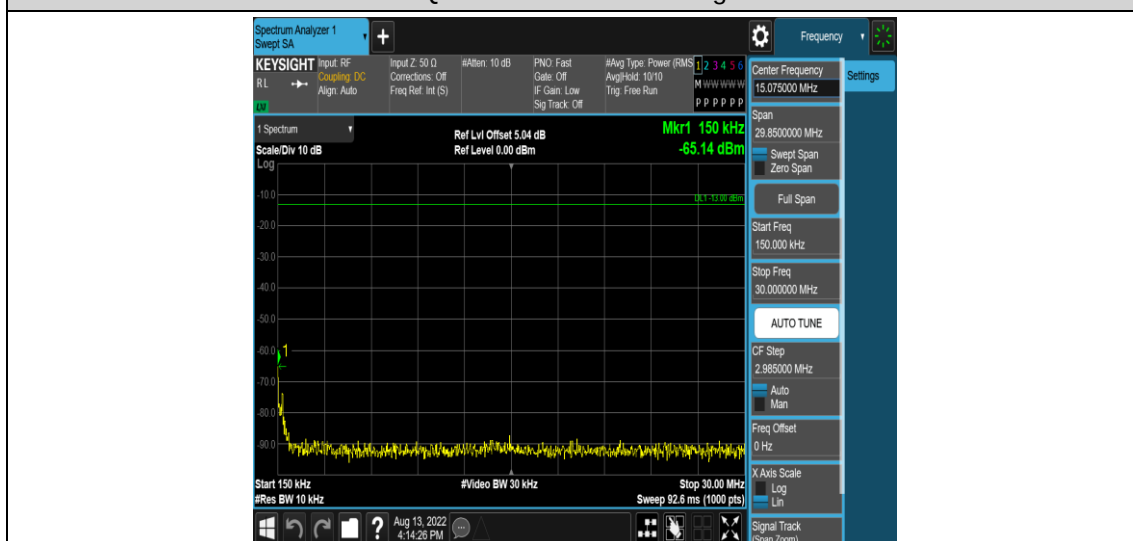
Band12-10MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



Band12-10MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23130-1RB#0-Range3:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range4:1000~10000MHz

## Appendix F: Frequency Stability

### Test Result

| Voltage |           |            |         |                  |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band12  | 1.4MHz    | QPSK       | 23017   | 6RB#0            | VL            | NT               | -2.32          | -0.003316       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23017   | 6RB#0            | VN            | NT               | -4.56          | -0.006517       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23017   | 6RB#0            | VH            | NT               | -2.92          | -0.004173       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VL            | NT               | -2.63          | -0.003717       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VN            | NT               | -2.62          | -0.003703       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VH            | NT               | -2.46          | -0.003477       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VL            | NT               | -2.20          | -0.003076       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VN            | NT               | -2.85          | -0.003984       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VH            | NT               | -3.02          | -0.004222       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VL            | NT               | -2.56          | -0.003659       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VN            | NT               | -0.82          | -0.001172       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VH            | NT               | -2.19          | -0.003130       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VL            | NT               | 2.13           | 0.003011        | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VN            | NT               | -2.70          | -0.003816       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VH            | NT               | -2.26          | -0.003194       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VL            | NT               | 1.85           | 0.002586        | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VN            | NT               | -1.92          | -0.002684       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VH            | NT               | -1.80          | -0.002516       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23025   | 15RB#0           | VL            | NT               | -4.51          | -0.006438       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23025   | 15RB#0           | VN            | NT               | -5.19          | -0.007409       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23025   | 15RB#0           | VH            | NT               | -3.72          | -0.005310       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23095   | 15RB#0           | VL            | NT               | 1.67           | 0.002360        | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23095   | 15RB#0           | VN            | NT               | -2.37          | -0.003350       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23095   | 15RB#0           | VH            | NT               | -2.63          | -0.003717       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23165   | 15RB#0           | VL            | NT               | -1.65          | -0.002309       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23165   | 15RB#0           | VN            | NT               | -2.72          | -0.003807       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23165   | 15RB#0           | VH            | NT               | -1.76          | -0.002463       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23025   | 15RB#0           | VL            | NT               | -4.73          | -0.006752       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23025   | 15RB#0           | VN            | NT               | -3.76          | -0.005368       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23025   | 15RB#0           | VH            | NT               | -4.63          | -0.006610       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23095   | 15RB#0           | VL            | NT               | -3.91          | -0.005527       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23095   | 15RB#0           | VN            | NT               | -2.37          | -0.003350       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23095   | 15RB#0           | VH            | NT               | -3.65          | -0.005159       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23165   | 15RB#0           | VL            | NT               | 2.56           | 0.003583        | ±2.5        | PASS    |

|        |       |       |       |        |    |    |       |           |      |      |
|--------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0 | VN | NT | -2.26 | -0.003163 | ±2.5 | PASS |
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0 | VH | NT | 1.67  | 0.002337  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VL | NT | -3.53 | -0.005032 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VN | NT | -4.61 | -0.006572 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VH | NT | -2.82 | -0.004020 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VL | NT | -2.42 | -0.003420 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VN | NT | -2.49 | -0.003519 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VH | NT | -2.13 | -0.003011 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VL | NT | -2.15 | -0.003013 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VN | NT | -3.30 | -0.004625 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VH | NT | -2.36 | -0.003308 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VL | NT | -2.55 | -0.003635 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VN | NT | 1.34  | 0.001910  | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VH | NT | -2.76 | -0.003934 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VL | NT | -2.86 | -0.004042 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VN | NT | 1.65  | 0.002332  | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VH | NT | -2.99 | -0.004226 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VL | NT | -3.33 | -0.004667 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VN | NT | -2.85 | -0.003994 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VH | NT | -2.93 | -0.004107 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VL | NT | 1.82  | 0.002585  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VN | NT | -3.30 | -0.004688 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VH | NT | 1.72  | 0.002443  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VL | NT | -1.67 | -0.002360 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VN | NT | -3.15 | -0.004452 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VH | NT | -2.52 | -0.003562 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VL | NT | -4.03 | -0.005668 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VN | NT | -4.16 | -0.005851 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VH | NT | -1.65 | -0.002321 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VL | NT | 1.95  | 0.002770  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VN | NT | 1.50  | 0.002131  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VH | NT | 3.10  | 0.004403  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VL | NT | -1.92 | -0.002714 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VN | NT | -1.34 | -0.001894 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VH | NT | -2.63 | -0.003717 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VL | NT | -4.56 | -0.006414 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VN | NT | -3.30 | -0.004641 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VH | NT | -4.51 | -0.006343 | ±2.5 | PASS |

Temperature

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | -30              | -2.79          | -0.003987       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | -20              | -3.95          | -0.005645       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 0                | -3.55          | -0.005074       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 10               | -2.72          | -0.003887       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 20               | -2.96          | -0.004230       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | -30              | -4.66          | -0.006587       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | -20              | -3.60          | -0.005088       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 0                | -1.66          | -0.002346       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 10               | 1.20           | 0.001696        | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 20               | -2.72          | -0.003845       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | -30              | -3.05          | -0.004264       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | -20              | -2.07          | -0.002894       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | 0                | 3.16           | 0.004418        | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | 10               | -2.99          | -0.004180       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | 20               | -2.33          | -0.003257       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | -30              | -4.49          | -0.006417       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | -20              | -3.48          | -0.004974       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 0                | -1.89          | -0.002701       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 10               | -1.90          | -0.002715       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 20               | -2.96          | -0.004230       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | -30              | -2.53          | -0.003576       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | -20              | -3.82          | -0.005399       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 0                | -4.31          | -0.006092       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 10               | -3.66          | -0.005173       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 20               | -3.36          | -0.004749       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | NV            | -30              | -2.16          | -0.003020       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | NV            | -20              | -2.57          | -0.003593       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | NV            | 0                | -2.17          | -0.003034       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | NV            | 10               | -2.65          | -0.003705       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | NV            | 20               | 2.98           | 0.004166        | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | NV            | -30              | -4.36          | -0.006224       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | NV            | -20              | -3.10          | -0.004425       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | NV            | 0                | -5.25          | -0.007495       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | NV            | 10               | -4.46          | -0.006367       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | NV            | 20               | -4.65          | -0.006638       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | NV            | -30              | -2.30          | -0.003251       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | NV            | -20              | -2.57          | -0.003633       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | NV            | 0                | -3.26          | -0.004608       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | NV            | 10               | -2.13          | -0.003011       | ±2.5        | PASS    |

|        |      |       |       |        |    |     |       |           |      |      |
|--------|------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 3MHz | QPSK  | 23095 | 15RB#0 | NV | 20  | -3.95 | -0.005583 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | -30 | -1.54 | -0.002155 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | -20 | -2.20 | -0.003079 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 0   | 1.03  | 0.001442  | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 10  | -1.62 | -0.002267 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 20  | -2.09 | -0.002925 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | -30 | -5.18 | -0.007395 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | -20 | -4.63 | -0.006610 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 0   | -3.08 | -0.004397 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 10  | -6.11 | -0.008722 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 20  | -5.08 | -0.007252 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -30 | -3.89 | -0.005498 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -20 | -2.75 | -0.003887 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 0   | -3.56 | -0.005032 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 10  | -4.28 | -0.006049 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 20  | -2.60 | -0.003675 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -30 | 3.19  | 0.004465  | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -20 | 2.55  | 0.003569  | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 0   | 1.54  | 0.002155  | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 10  | 2.29  | 0.003205  | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 20  | -1.89 | -0.002645 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | -30 | -1.44 | -0.002053 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | -20 | 1.86  | 0.002651  | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 0   | 2.46  | 0.003507  | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 10  | -2.05 | -0.002922 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 20  | 1.53  | 0.002181  | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | -30 | -3.12 | -0.004410 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | -20 | -3.76 | -0.005314 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 0   | -2.33 | -0.003293 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 10  | -2.49 | -0.003519 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 20  | -2.86 | -0.004042 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | -30 | -2.65 | -0.003714 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | -20 | -2.07 | -0.002901 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 0   | -2.88 | -0.004036 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 10  | 2.83  | 0.003966  | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 20  | -2.49 | -0.003490 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -30 | -2.79 | -0.003977 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -20 | -2.42 | -0.003450 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 0   | -3.22 | -0.004590 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 10  | -3.02 | -0.004305 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 20  | -4.03 | -0.005745 | ±2.5 | PASS |

|        |       |       |       |        |    |     |       |           |      |      |
|--------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | -30 | -3.12 | -0.004410 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | -20 | -3.86 | -0.005456 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | 0   | -1.86 | -0.002629 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | 10  | -2.65 | -0.003746 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | 20  | -2.95 | -0.004170 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | -30 | -4.84 | -0.006783 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | -20 | -2.56 | -0.003588 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | 0   | -2.45 | -0.003434 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | 10  | -2.10 | -0.002943 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | 20  | -1.63 | -0.002285 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | -30 | -3.09 | -0.004389 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | -20 | 3.92  | 0.005568  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 0   | 3.03  | 0.004304  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 10  | -2.22 | -0.003153 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 20  | 1.76  | 0.002500  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | -30 | -3.49 | -0.004933 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | -20 | -2.76 | -0.003901 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 0   | 2.32  | 0.003279  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 10  | -1.37 | -0.001936 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 20  | -2.50 | -0.003534 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | -30 | -3.78 | -0.005316 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | -20 | -1.63 | -0.002293 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 0   | -4.32 | -0.006076 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 10  | -3.65 | -0.005134 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 20  | -3.35 | -0.004712 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -30 | -2.92 | -0.004148 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -20 | -3.05 | -0.004332 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 0   | -3.85 | -0.005469 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 10  | -2.26 | -0.003210 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 20  | -2.90 | -0.004119 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -30 | -3.02 | -0.004269 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -20 | -2.19 | -0.003095 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 0   | -2.73 | -0.003859 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 10  | 1.80  | 0.002544  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 20  | -2.92 | -0.004127 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -30 | -4.46 | -0.006273 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -20 | -5.04 | -0.007089 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 0   | -3.98 | -0.005598 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 10  | -3.45 | -0.004852 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 20  | -3.33 | -0.004684 | ±2.5 | PASS |