

|       |       |       |       |        |    |    |       |           |      |      |
|-------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VL | NT | -1.59 | -0.001901 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VN | NT | 3.18  | 0.003802  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VH | NT | -1.42 | -0.001698 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VL | NT | -2.09 | -0.002476 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VN | NT | -1.62 | -0.001919 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VH | NT | -1.99 | -0.002358 | ±2.5 | PASS |

| Temperature |           |            |         |                  |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0            | NV            | -30              | 2.40           | 0.002910        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0            | NV            | -20              | -2.79          | -0.003383       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0            | NV            | 0                | -2.99          | -0.003626       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0            | NV            | 10               | -1.37          | -0.001661       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0            | NV            | 20               | -3.13          | -0.003795       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0            | NV            | -30              | -1.16          | -0.001387       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0            | NV            | -20              | 3.53           | 0.004220        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0            | NV            | 0                | 2.10           | 0.002510        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0            | NV            | 10               | 2.47           | 0.002953        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0            | NV            | 20               | -1.80          | -0.002152       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0            | NV            | -30              | -2.36          | -0.002782       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0            | NV            | -20              | 3.93           | 0.004633        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0            | NV            | 0                | 2.26           | 0.002664        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0            | NV            | 10               | 3.26           | 0.003843        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0            | NV            | 20               | 1.97           | 0.002322        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | NV            | -30              | -3.02          | -0.003662       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | NV            | -20              | -2.92          | -0.003541       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | NV            | 0                | -2.27          | -0.002753       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | NV            | 10               | -2.50          | -0.003031       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | NV            | 20               | 1.46           | 0.001770        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | NV            | -30              | 3.06           | 0.003658        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | NV            | -20              | 2.47           | 0.002953        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | NV            | 0                | 1.90           | 0.002271        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | NV            | 10               | -2.72          | -0.003252       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | NV            | 20               | 3.35           | 0.004005        | ±2.5        | PASS    |

|       |        |       |       |        |    |     |       |           |      |      |
|-------|--------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | -30 | 4.26  | 0.005022  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | -20 | -2.06 | -0.002428 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 0   | 3.55  | 0.004185  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 10  | 2.06  | 0.002428  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 20  | 3.13  | 0.003690  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | -30 | 2.89  | 0.003501  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | -20 | 2.69  | 0.003259  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 0   | -2.42 | -0.002932 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 10  | -2.96 | -0.003586 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 20  | -2.50 | -0.003028 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | -30 | -2.49 | -0.002977 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | -20 | -2.27 | -0.002714 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 0   | -1.47 | -0.001757 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 10  | -1.57 | -0.001877 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 20  | 1.40  | 0.001674  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | NV | -30 | -1.82 | -0.002147 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | NV | -20 | -1.97 | -0.002324 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | NV | 0   | -3.08 | -0.003634 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | NV | 10  | 2.07  | 0.002442  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | NV | 20  | -4.28 | -0.005050 | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | -30 | -1.99 | -0.002411 | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | -20 | -3.32 | -0.004022 | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 0   | -2.02 | -0.002447 | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 10  | -3.26 | -0.003949 | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 20  | 1.33  | 0.001611  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | NV | -30 | 2.13  | 0.002546  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | NV | -20 | 1.89  | 0.002259  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | NV | 0   | 2.62  | 0.003132  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | NV | 10  | 1.92  | 0.002295  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | NV | 20  | 2.73  | 0.003264  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 15RB#0 | NV | -30 | 2.50  | 0.002950  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 15RB#0 | NV | -20 | -1.86 | -0.002195 | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 15RB#0 | NV | 0   | 1.72  | 0.002029  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 15RB#0 | NV | 10  | 2.12  | 0.002501  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 15RB#0 | NV | 20  | -1.95 | -0.002301 | ±2.5 | PASS |
| Band5 | 5MHz   | QPSK  | 20425 | 25RB#0 | NV | -30 | -3.43 | -0.004150 | ±2.5 | PASS |
| Band5 | 5MHz   | QPSK  | 20425 | 25RB#0 | NV | -20 | -3.79 | -0.004586 | ±2.5 | PASS |

|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | NV | 0   | -4.12 | -0.004985 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | NV | 10  | -3.35 | -0.004053 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | NV | 20  | -1.39 | -0.001682 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | -30 | -3.06 | -0.003658 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | -20 | 3.55  | 0.004244  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 0   | 3.33  | 0.003981  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 10  | 1.96  | 0.002343  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 20  | -1.76 | -0.002104 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | -30 | 1.20  | 0.001418  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | -20 | 1.87  | 0.002209  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 0   | 1.70  | 0.002008  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 10  | -1.87 | -0.002209 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 20  | 3.25  | 0.003839  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | -30 | -3.81 | -0.004610 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | -20 | -3.19 | -0.003860 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 0   | -3.15 | -0.003811 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 10  | -2.40 | -0.002904 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 20  | -2.49 | -0.003013 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | -30 | 2.35  | 0.002809  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | -20 | -1.57 | -0.001877 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 0   | 1.75  | 0.002092  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 10  | 2.55  | 0.003048  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 20  | -3.03 | -0.003622 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | -30 | 2.79  | 0.003296  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | -20 | 2.49  | 0.002942  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 0   | 4.36  | 0.005151  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 10  | 2.66  | 0.003142  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 20  | 3.16  | 0.003733  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | -30 | 2.20  | 0.002654  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | -20 | 2.03  | 0.002449  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 0   | 2.53  | 0.003052  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 10  | -2.50 | -0.003016 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 20  | -2.19 | -0.002642 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -30 | -3.08 | -0.003682 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -20 | -2.06 | -0.002463 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 0   | -1.97 | -0.002355 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 10  | 2.75  | 0.003288  | ±2.5 | PASS |

|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 20  | -2.52 | -0.003013 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -30 | -2.37 | -0.002808 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -20 | -3.05 | -0.003614 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 0   | 1.56  | 0.001848  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 10  | -2.93 | -0.003472 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 20  | -3.10 | -0.003673 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | -3.48 | -0.004198 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | -3.13 | -0.003776 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0   | -3.13 | -0.003776 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10  | -2.39 | -0.002883 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20  | -2.83 | -0.003414 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | 4.03  | 0.004818  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | -2.52 | -0.003013 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0   | -1.34 | -0.001602 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10  | 2.26  | 0.002702  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20  | -2.62 | -0.003132 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | -1.85 | -0.002192 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | 1.87  | 0.002216  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0   | -1.75 | -0.002073 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10  | -1.37 | -0.001623 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20  | -1.80 | -0.002133 | ±2.5 | PASS |

| Voltage |           |            |         |              |                |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|----------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [V dc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VL             | NT               | 6.67           | 0.002665        | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VN             | NT               | 4.43           | 0.001770        | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VH             | NT               | 4.39           | 0.001754        | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VL             | NT               | -5.88          | -0.002320       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VN             | NT               | -4.06          | -0.001602       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VH             | NT               | -10.67         | -0.004209       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VL             | NT               | -3.69          | -0.001437       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VN             | NT               | 4.49           | 0.001749        | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VH             | NT               | 4.58           | 0.001784        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VL             | NT               | 4.89           | 0.001954        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VN             | NT               | 4.89           | 0.001954        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VH             | NT               | 4.75           | 0.001898        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VL             | NT               | -8.44          | -0.003329       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VN             | NT               | -5.39          | -0.002126       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VH             | NT               | -7.27          | -0.002868       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VL             | NT               | -3.71          | -0.001445       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VN             | NT               | -3.00          | -0.001168       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VH             | NT               | 3.50           | 0.001363        | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 20800   | 50RB#0       | VL             | NT               | -9.60          | -0.003832       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 20800   | 50RB#0       | VN             | NT               | -5.89          | -0.002351       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 20800   | 50RB#0       | VH             | NT               | -6.74          | -0.002691       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21100   | 50RB#0       | VL             | NT               | -6.94          | -0.002738       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21100   | 50RB#0       | VN             | NT               | -5.45          | -0.002150       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21100   | 50RB#0       | VH             | NT               | -6.95          | -0.002742       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21400   | 50RB#0       | VL             | NT               | -9.27          | -0.003614       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21400   | 50RB#0       | VN             | NT               | -4.06          | -0.001583       | ±2.5        | PASS    |
| Band7   | 10MHz     | QPSK       | 21400   | 50RB#0       | VH             | NT               | -4.84          | -0.001887       | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 20800   | 50RB#0       | VL             | NT               | -3.75          | -0.001497       | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 20800   | 50RB#0       | VN             | NT               | -10.14         | -0.004048       | ±2.5        | PASS    |
| Band7   | 10MHz     | 16QAM      | 20800   | 50RB#0       | VH             | NT               | -6.45          | -0.002575       | ±2.5        | PASS    |



|       |       |       |       |         |    |    |       |           |      |      |
|-------|-------|-------|-------|---------|----|----|-------|-----------|------|------|
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | VL | NT | -6.44 | -0.002540 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | VN | NT | -4.36 | -0.001720 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | VH | NT | -3.91 | -0.001542 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | VL | NT | -8.53 | -0.003326 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | VN | NT | -6.64 | -0.002589 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | VH | NT | -9.10 | -0.003548 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | VL | NT | 4.18  | 0.001667  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | VN | NT | -6.17 | -0.002461 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | VH | NT | 4.33  | 0.001727  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | VL | NT | -5.06 | -0.001996 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | VN | NT | -5.81 | -0.002292 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | VH | NT | -6.09 | -0.002402 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VL | NT | 3.75  | 0.001463  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VN | NT | 5.89  | 0.002299  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VH | NT | 3.38  | 0.001319  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VL | NT | 5.24  | 0.002090  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VN | NT | -5.71 | -0.002277 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VH | NT | 5.79  | 0.002309  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VL | NT | -6.88 | -0.002714 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VN | NT | -6.72 | -0.002651 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VH | NT | -5.12 | -0.002020 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VL | NT | 4.18  | 0.001631  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VN | NT | 7.12  | 0.002779  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VH | NT | 5.02  | 0.001959  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VL | NT | 7.18  | 0.002861  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VN | NT | 6.49  | 0.002586  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VH | NT | 5.58  | 0.002223  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VL | NT | -6.59 | -0.002600 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VN | NT | -9.94 | -0.003921 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VH | NT | -5.76 | -0.002272 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VL | NT | -6.41 | -0.002504 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VN | NT | 3.68  | 0.001438  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VH | NT | 4.89  | 0.001910  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VL | NT | 6.88  | 0.002741  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VN | NT | 6.27  | 0.002498  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VH | NT | 8.00  | 0.003187  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VL | NT | -7.12 | -0.002809 | ±2.5 | PASS |

|       |       |       |       |         |    |    |       |           |      |      |
|-------|-------|-------|-------|---------|----|----|-------|-----------|------|------|
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VN | NT | -8.04 | -0.003172 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VH | NT | -4.92 | -0.001941 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VL | NT | -3.28 | -0.001281 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VN | NT | 6.49  | 0.002535  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VH | NT | 7.95  | 0.003105  | ±2.5 | PASS |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | -30              | 5.65           | 0.002258        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | -20              | 3.92           | 0.001566        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 0                | 6.01           | 0.002402        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 10               | 2.96           | 0.001183        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 20               | 6.35           | 0.002537        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | -30              | -5.87          | -0.002316       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | -20              | -3.82          | -0.001507       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 0                | -8.61          | -0.003396       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 10               | -4.55          | -0.001795       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 20               | -8.21          | -0.003239       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | -30              | 4.98           | 0.001940        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | -20              | 4.85           | 0.001889        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | 0                | 3.63           | 0.001414        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | 10               | 5.01           | 0.001951        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | 20               | 3.42           | 0.001332        | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 20775   | 25RB#0       | NV            | -30              | 3.45           | 0.001379        | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 20775   | 25RB#0       | NV            | -20              | 3.29           | 0.001315        | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 20775   | 25RB#0       | NV            | 0                | 5.15           | 0.002058        | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 20775   | 25RB#0       | NV            | 10               | 3.45           | 0.001379        | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 20775   | 25RB#0       | NV            | 20               | 4.63           | 0.001850        | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 21100   | 25RB#0       | NV            | -30              | -7.94          | -0.003132       | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 21100   | 25RB#0       | NV            | -20              | -5.58          | -0.002201       | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 21100   | 25RB#0       | NV            | 0                | -8.18          | -0.003227       | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 21100   | 25RB#0       | NV            | 10               | -5.31          | -0.002095       | ±2.5        | PASS    |
| Band7       | 5MHz      | 16QAM      | 21100   | 25RB#0       | NV            | 20               | 48.51          | 0.019136        | ±2.5        | PASS    |

|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | -30 | 5.74  | 0.002236  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | -20 | 4.15  | 0.001616  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 0   | -3.06 | -0.001192 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 10  | 3.08  | 0.001200  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 20  | 4.15  | 0.001616  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | -30 | -7.62 | -0.003042 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | -20 | -6.65 | -0.002655 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 0   | -8.65 | -0.003453 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 10  | -4.45 | -0.001776 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 20  | -8.48 | -0.003385 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | -30 | -4.01 | -0.001582 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | -20 | -7.05 | -0.002781 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 0   | -4.68 | -0.001846 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 10  | -7.82 | -0.003085 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 20  | -6.91 | -0.002726 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | -30 | -6.01 | -0.002343 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | -20 | -5.12 | -0.001996 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 0   | -7.38 | -0.002877 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 10  | -5.78 | -0.002253 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 20  | -6.95 | -0.002710 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -30 | -5.91 | -0.002359 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -20 | -6.39 | -0.002551 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 0   | -6.74 | -0.002691 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 10  | -4.29 | -0.001713 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 20  | -7.94 | -0.003170 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -30 | -4.94 | -0.001949 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -20 | -3.58 | -0.001412 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 0   | -2.40 | -0.000947 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 10  | -7.02 | -0.002769 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 20  | -3.49 | -0.001377 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -30 | -4.32 | -0.001684 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -20 | -6.31 | -0.002460 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 0   | -8.85 | -0.003450 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 10  | -5.66 | -0.002207 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 20  | -7.01 | -0.002733 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | -30 | 5.72  | 0.002281  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | -20 | 4.58  | 0.001827  | ±2.5 | PASS |



|       |       |       |       |         |    |     |       |           |      |      |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | NV | 0   | 5.87  | 0.002341  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | NV | 10  | 5.54  | 0.002209  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | NV | 20  | 4.59  | 0.001831  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | -30 | -6.08 | -0.002398 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | -20 | -8.23 | -0.003247 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 0   | -5.21 | -0.002055 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 10  | -7.10 | -0.002801 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 20  | -5.91 | -0.002331 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | -30 | 4.59  | 0.001791  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | -20 | 6.15  | 0.002400  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 0   | 5.21  | 0.002033  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 10  | 5.98  | 0.002334  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 20  | 3.36  | 0.001311  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | -30 | 6.61  | 0.002636  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | -20 | 4.91  | 0.001958  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 0   | 4.96  | 0.001978  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 10  | 4.71  | 0.001878  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 20  | 5.51  | 0.002197  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | -30 | -4.95 | -0.001953 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | -20 | -4.72 | -0.001862 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 0   | -6.74 | -0.002659 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 10  | -5.22 | -0.002059 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 20  | -6.24 | -0.002462 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | -30 | 6.38  | 0.002490  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | -20 | 4.73  | 0.001846  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 0   | 5.78  | 0.002256  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 10  | 2.90  | 0.001132  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 20  | 5.19  | 0.002025  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | -30 | 6.48  | 0.002582  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | -20 | 4.55  | 0.001813  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 0   | 5.44  | 0.002167  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 10  | 4.28  | 0.001705  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 20  | 2.88  | 0.001147  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -30 | -6.28 | -0.002477 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -20 | -6.79 | -0.002679 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 0   | -4.41 | -0.001740 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 10  | -5.74 | -0.002264 | ±2.5 | PASS |

|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 20  | -6.32  | -0.002493 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -30 | -4.16  | -0.001625 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -20 | -4.25  | -0.001660 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 0   | -5.85  | -0.002285 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 10  | -4.06  | -0.001586 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 20  | -4.11  | -0.001605 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | -4.62  | -0.001841 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | 7.55   | 0.003008  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0   | 7.10   | 0.002829  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10  | 6.42   | 0.002558  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20  | 5.29   | 0.002108  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | -4.52  | -0.001783 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | -7.30  | -0.002880 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0   | -7.75  | -0.003057 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10  | -6.41  | -0.002529 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20  | -11.49 | -0.004533 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | 8.61   | 0.003363  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | 3.78   | 0.001477  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0   | 5.46   | 0.002133  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10  | 2.92   | 0.001141  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20  | 5.89   | 0.002301  | ±2.5 | PASS |

| 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               | -4.31          | -0.006160       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23017   | 6RB#0            | VN            | NT               | -1.89          | -0.002701       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23017   | 6RB#0            | VH            | NT               | 1.57           | 0.002244        | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VL            | NT               | -1.87          | -0.002643       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VN            | NT               | -1.04          | -0.001470       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VH            | NT               | -2.07          | -0.002926       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VL            | NT               | -1.56          | -0.002181       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VN            | NT               | -2.09          | -0.002922       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VH            | NT               | -2.82          | -0.003942       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VL            | NT               | -3.09          | -0.004416       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VN            | NT               | -2.62          | -0.003744       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VH            | NT               | -3.43          | -0.004902       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VL            | NT               | 2.40           | 0.003392        | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VN            | NT               | -1.26          | -0.001781       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VH            | NT               | -1.47          | -0.002078       | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VL            | NT               | 2.30           | 0.003215        | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VN            | NT               | 0.97           | 0.001356        | ±2.5        | PASS    |
| Band12  | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VH            | NT               | -1.47          | -0.002055       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23025   | 15RB#0           | VL            | NT               | -3.05          | -0.004354       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23025   | 15RB#0           | VN            | NT               | 2.32           | 0.003312        | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23025   | 15RB#0           | VH            | NT               | -3.16          | -0.004511       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23095   | 15RB#0           | VL            | NT               | -3.13          | -0.004424       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23095   | 15RB#0           | VN            | NT               | -2.36          | -0.003336       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23095   | 15RB#0           | VH            | NT               | -1.72          | -0.002431       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23165   | 15RB#0           | VL            | NT               | -2.47          | -0.003457       | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23165   | 15RB#0           | VN            | NT               | 2.59           | 0.003625        | ±2.5        | PASS    |
| Band12  | 3MHz      | QPSK       | 23165   | 15RB#0           | VH            | NT               | -2.78          | -0.003891       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23025   | 15RB#0           | VL            | NT               | -3.15          | -0.004497       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23025   | 15RB#0           | VN            | NT               | -3.12          | -0.004454       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23025   | 15RB#0           | VH            | NT               | -3.10          | -0.004425       | ±2.5        | PASS    |
| Band12  | 3MHz      | 16QAM      | 23095   | 15RB#0           | VL            | NT               | -2.29          | -0.003237       | ±2.5        | PASS    |

|        |       |       |       |        |    |    |       |           |      |      |
|--------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band12 | 3MHz  | 16QAM | 23095 | 15RB#0 | VN | NT | -2.06 | -0.002912 | ±2.5 | PASS |
| Band12 | 3MHz  | 16QAM | 23095 | 15RB#0 | VH | NT | 2.88  | 0.004071  | ±2.5 | PASS |
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0 | VL | NT | -2.42 | -0.003387 | ±2.5 | PASS |
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0 | VN | NT | -4.29 | -0.006004 | ±2.5 | PASS |
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0 | VH | NT | 2.30  | 0.003219  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VL | NT | 1.72  | 0.002452  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VN | NT | 1.73  | 0.002466  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VH | NT | -1.60 | -0.002281 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VL | NT | 2.17  | 0.003067  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VN | NT | -2.80 | -0.003958 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VH | NT | -3.88 | -0.005484 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VL | NT | 1.50  | 0.002102  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VN | NT | 1.56  | 0.002186  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VH | NT | -2.23 | -0.003125 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VL | NT | -4.05 | -0.005773 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VN | NT | -2.42 | -0.003450 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VH | NT | -1.26 | -0.001796 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VL | NT | -2.13 | -0.003011 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VN | NT | -2.33 | -0.003293 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VH | NT | -1.96 | -0.002770 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VL | NT | -2.88 | -0.004036 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VN | NT | -2.59 | -0.003630 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VH | NT | -2.82 | -0.003952 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VL | NT | 1.56  | 0.002216  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VN | NT | -1.87 | -0.002656 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VH | NT | -1.99 | -0.002827 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VL | NT | -1.93 | -0.002728 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VN | NT | 1.73  | 0.002445  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VH | NT | -1.49 | -0.002106 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VL | NT | -2.95 | -0.004149 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VN | NT | -3.76 | -0.005288 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VH | NT | -2.53 | -0.003558 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VL | NT | 2.90  | 0.004119  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VN | NT | 3.29  | 0.004673  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VH | NT | -2.33 | -0.003310 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VL | NT | -2.30 | -0.003251 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VN | NT | -3.12 | -0.004410 | ±2.5 | PASS |

|        |       |       |       |        |    |    |       |           |      |      |
|--------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VH | NT | -2.37 | -0.003350 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VL | NT | -2.50 | -0.003516 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VN | NT | -2.16 | -0.003038 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VH | NT | -2.68 | -0.003769 | ±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              | 3.82           | 0.005459        | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | -20              | -1.83          | -0.002615       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 0                | -3.05          | -0.004359       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 10               | -4.58          | -0.006546       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 20               | -3.46          | -0.004945       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | -30              | -2.29          | -0.003237       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | -20              | 1.46           | 0.002064        | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 0                | -0.86          | -0.001216       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 10               | -2.25          | -0.003180       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 20               | -2.09          | -0.002954       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | -30              | 1.34           | 0.001873        | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | -20              | -2.35          | -0.003285       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | 0                | -2.12          | -0.002964       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | 10               | -2.63          | -0.003677       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | 20               | -1.67          | -0.002335       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | -30              | -1.50          | -0.002144       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | -20              | -2.30          | -0.003287       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 0                | 2.80           | 0.004002        | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 10               | -3.63          | -0.005188       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 20               | -2.19          | -0.003130       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | -30              | -1.70          | -0.002403       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | -20              | 2.13           | 0.003011        | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 0                | -2.07          | -0.002926       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 10               | -1.29          | -0.001823       | ±2.5        | PASS    |
| Band12      | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 20               | -2.57          | -0.003633       | ±2.5        | PASS    |



|        |        |       |       |        |    |     |       |           |      |      |
|--------|--------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | -30 | 2.35  | 0.003285  | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | -20 | -3.18 | -0.004446 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 0   | 2.83  | 0.003956  | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 10  | -2.09 | -0.002922 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 20  | 1.89  | 0.002642  | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | -30 | -2.56 | -0.003655 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | -20 | -2.73 | -0.003897 | ±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  | -3.45 | -0.004925 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | 20  | -5.58 | -0.007966 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | -30 | -2.29 | -0.003237 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | -20 | -3.75 | -0.005300 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | 0   | 2.98  | 0.004212  | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | 10  | -2.72 | -0.003845 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | 20  | 2.12  | 0.002996  | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | NV | -30 | 1.75  | 0.002449  | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | NV | -20 | -1.44 | -0.002015 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | NV | 0   | -3.18 | -0.004451 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | NV | 10  | -2.30 | -0.003219 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | NV | 20  | -2.16 | -0.003023 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | -30 | -3.25 | -0.004640 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | -20 | -2.60 | -0.003712 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 0   | -2.89 | -0.004126 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 10  | -2.96 | -0.004226 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 20  | -1.63 | -0.002327 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | NV | -30 | -3.32 | -0.004693 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | NV | -20 | 2.68  | 0.003788  | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | NV | 0   | -2.02 | -0.002855 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | NV | 10  | 1.86  | 0.002629  | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | NV | 20  | 1.75  | 0.002473  | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0 | NV | -30 | -3.08 | -0.004311 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0 | NV | -20 | -1.93 | -0.002701 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0 | NV | 0   | 1.79  | 0.002505  | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0 | NV | 10  | -3.16 | -0.004423 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0 | NV | 20  | -1.97 | -0.002757 | ±2.5 | PASS |
| Band12 | 5MHz   | QPSK  | 23035 | 25RB#0 | NV | -30 | -2.83 | -0.004034 | ±2.5 | PASS |
| Band12 | 5MHz   | QPSK  | 23035 | 25RB#0 | NV | -20 | -1.76 | -0.002509 | ±2.5 | PASS |

|        |       |       |       |        |    |     |       |           |      |      |
|--------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | NV | 0   | 1.54  | 0.002195  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | NV | 10  | 2.32  | 0.003307  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | NV | 20  | -1.87 | -0.002666 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | NV | -30 | -2.76 | -0.003901 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | NV | -20 | 2.60  | 0.003675  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | NV | 0   | 1.02  | 0.001442  | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | NV | 10  | -2.39 | -0.003378 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | NV | 20  | -2.96 | -0.004184 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | NV | -30 | -3.95 | -0.005536 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | NV | -20 | -1.62 | -0.002270 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | NV | 0   | -1.32 | -0.001850 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | NV | 10  | -2.39 | -0.003350 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | NV | 20  | -1.87 | -0.002621 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | NV | -30 | -1.90 | -0.002708 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | NV | -20 | 1.56  | 0.002224  | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | NV | 0   | -2.79 | -0.003977 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | NV | 10  | -3.06 | -0.004362 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | NV | 20  | 1.37  | 0.001953  | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | -30 | -2.49 | -0.003519 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | -20 | -3.03 | -0.004283 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | 0   | -1.66 | -0.002346 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | 10  | -2.83 | -0.004000 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | NV | 20  | -2.27 | -0.003208 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | -30 | 1.72  | 0.002411  | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | -20 | -4.21 | -0.005900 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | 0   | -2.66 | -0.003728 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | 10  | -3.10 | -0.004345 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | NV | 20  | -1.40 | -0.001962 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | -30 | 1.33  | 0.001889  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | -20 | -1.29 | -0.001832 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 0   | -2.15 | -0.003054 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 10  | 1.86  | 0.002642  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 20  | 1.39  | 0.001974  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | -30 | -2.70 | -0.003816 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | -20 | -1.72 | -0.002431 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 0   | -1.89 | -0.002671 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 10  | -2.49 | -0.003519 | ±2.5 | PASS |

|        |       |       |       |        |    |     |       |           |      |      |
|--------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 20  | 1.66  | 0.002346  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | -30 | -2.52 | -0.003544 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | -20 | -3.53 | -0.004965 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 0   | -2.29 | -0.003221 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 10  | -2.40 | -0.003376 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 20  | 1.39  | 0.001955  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -30 | 2.06  | 0.002926  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -20 | -1.70 | -0.002415 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 0   | 2.86  | 0.004063  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 10  | 3.75  | 0.005327  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 20  | -1.90 | -0.002699 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -30 | -3.96 | -0.005597 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -20 | -1.52 | -0.002148 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 0   | 1.49  | 0.002106  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 10  | -2.43 | -0.003435 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 20  | -2.22 | -0.003138 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -30 | -2.95 | -0.004149 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -20 | -2.75 | -0.003868 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 0   | -3.26 | -0.004585 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 10  | -2.53 | -0.003558 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 20  | -3.29 | -0.004627 | ±2.5 | PASS |

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band38  | 5MHz      | QPSK       | 37775   | 25RB#0       | VL            | NT               | -11.47         | -0.004459       | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 37775   | 25RB#0       | VN            | NT               | -9.88          | -0.003841       | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 37775   | 25RB#0       | VH            | NT               | -9.64          | -0.003747       | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 38000   | 25RB#0       | VL            | NT               | -10.06         | -0.003877       | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 38000   | 25RB#0       | VN            | NT               | -11.26         | -0.004339       | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 38000   | 25RB#0       | VH            | NT               | -10.26         | -0.003954       | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 38225   | 25RB#0       | VL            | NT               | -12.04         | -0.004600       | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 38225   | 25RB#0       | VN            | NT               | -10.91         | -0.004168       | ±2.5        | PASS    |
| Band38  | 5MHz      | QPSK       | 38225   | 25RB#0       | VH            | NT               | -10.97         | -0.004191       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 37775   | 25RB#0       | VL            | NT               | -12.70         | -0.004937       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 37775   | 25RB#0       | VN            | NT               | -12.53         | -0.004871       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 37775   | 25RB#0       | VH            | NT               | -11.06         | -0.004299       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38000   | 25RB#0       | VL            | NT               | -12.96         | -0.004994       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38000   | 25RB#0       | VN            | NT               | -8.78          | -0.003383       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38000   | 25RB#0       | VH            | NT               | -7.10          | -0.002736       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38225   | 25RB#0       | VL            | NT               | -9.04          | -0.003454       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38225   | 25RB#0       | VN            | NT               | -12.60         | -0.004814       | ±2.5        | PASS    |
| Band38  | 5MHz      | 16QAM      | 38225   | 25RB#0       | VH            | NT               | -12.13         | -0.004634       | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 37800   | 50RB#0       | VL            | NT               | 6.94           | 0.002695        | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 37800   | 50RB#0       | VN            | NT               | -5.25          | -0.002039       | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 37800   | 50RB#0       | VH            | NT               | -5.29          | -0.002054       | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38000   | 50RB#0       | VL            | NT               | -10.63         | -0.004096       | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38000   | 50RB#0       | VN            | NT               | -8.68          | -0.003345       | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38000   | 50RB#0       | VH            | NT               | -13.22         | -0.005094       | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38200   | 50RB#0       | VL            | NT               | 7.67           | 0.002933        | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38200   | 50RB#0       | VN            | NT               | -6.92          | -0.002646       | ±2.5        | PASS    |
| Band38  | 10MHz     | QPSK       | 38200   | 50RB#0       | VH            | NT               | -4.45          | -0.001702       | ±2.5        | PASS    |
| Band38  | 10MHz     | 16QAM      | 37800   | 50RB#0       | VL            | NT               | -8.74          | -0.003394       | ±2.5        | PASS    |
| Band38  | 10MHz     | 16QAM      | 37800   | 50RB#0       | VN            | NT               | 6.39           | 0.002482        | ±2.5        | PASS    |
| Band38  | 10MHz     | 16QAM      | 37800   | 50RB#0       | VH            | NT               | 7.12           | 0.002765        | ±2.5        | PASS    |
| Band38  | 10MHz     | 16QAM      | 38000   | 50RB#0       | VL            | NT               | -9.77          | -0.003765       | ±2.5        | PASS    |

|        |       |       |       |         |    |    |        |           |      |      |
|--------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | VN | NT | -10.20 | -0.003931 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | VH | NT | -14.75 | -0.005684 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | VL | NT | 10.39  | 0.003973  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | VN | NT | -7.54  | -0.002883 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | VH | NT | 6.39   | 0.002444  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | VL | NT | 8.10   | 0.003143  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | VN | NT | 6.84   | 0.002654  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | VH | NT | 5.49   | 0.002130  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | VL | NT | -11.63 | -0.004482 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | VN | NT | -8.07  | -0.003110 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | VH | NT | -10.31 | -0.003973 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | VL | NT | 8.28   | 0.003169  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | VN | NT | 4.61   | 0.001765  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | VH | NT | -6.62  | -0.002534 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | VL | NT | -4.72  | -0.001831 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | VN | NT | 10.36  | 0.004019  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | VH | NT | -4.53  | -0.001758 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | VL | NT | -12.47 | -0.004805 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | VN | NT | -11.90 | -0.004586 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | VH | NT | -7.65  | -0.002948 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | VL | NT | 5.34   | 0.002044  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | VN | NT | 7.70   | 0.002947  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | VH | NT | 7.10   | 0.002718  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | VL | NT | -4.02  | -0.001558 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | VN | NT | -9.03  | -0.003500 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | VH | NT | -9.60  | -0.003721 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | VL | NT | -10.87 | -0.004189 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | VN | NT | -6.21  | -0.002393 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | VH | NT | -10.31 | -0.003973 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | VL | NT | -7.70  | -0.002950 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | VN | NT | -5.75  | -0.002203 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | VH | NT | -10.07 | -0.003858 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VL | NT | -6.39  | -0.002477 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VN | NT | -9.34  | -0.003620 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VH | NT | -8.47  | -0.003283 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VL | NT | -11.50 | -0.004432 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VN | NT | -11.60 | -0.004470 | ±2.5 | PASS |



|        |       |       |       |         |    |    |        |           |      |      |
|--------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VH | NT | -13.02 | -0.005017 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VL | NT | -10.29 | -0.003943 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VN | NT | -8.64  | -0.003310 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VH | NT | -8.18  | -0.003134 | ±2.5 | PASS |

| Temperature |           |            |         |              |                |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|----------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [V dc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band38      | 5MHz      | QPSK       | 37775   | 25RB#0       | NV             | -30              | -11.52         | -0.004478       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 37775   | 25RB#0       | NV             | -20              | -11.20         | -0.004354       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 37775   | 25RB#0       | NV             | 0                | -10.41         | -0.004047       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 37775   | 25RB#0       | NV             | 10               | -14.92         | -0.005800       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 37775   | 25RB#0       | NV             | 20               | -7.87          | -0.003059       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV             | -30              | -7.17          | -0.002763       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV             | -20              | -10.10         | -0.003892       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV             | 0                | -8.98          | -0.003461       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV             | 10               | -10.90         | -0.004200       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38000   | 25RB#0       | NV             | 20               | -10.74         | -0.004139       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38225   | 25RB#0       | NV             | -30              | -10.61         | -0.004053       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38225   | 25RB#0       | NV             | -20              | -11.17         | -0.004267       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38225   | 25RB#0       | NV             | 0                | -5.74          | -0.002193       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38225   | 25RB#0       | NV             | 10               | -9.61          | -0.003671       | ±2.5        | PASS    |
| Band38      | 5MHz      | QPSK       | 38225   | 25RB#0       | NV             | 20               | -6.49          | -0.002479       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 37775   | 25RB#0       | NV             | -30              | -10.40         | -0.004043       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 37775   | 25RB#0       | NV             | -20              | -13.80         | -0.005364       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 37775   | 25RB#0       | NV             | 0                | -11.29         | -0.004389       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 37775   | 25RB#0       | NV             | 10               | -13.72         | -0.005333       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 37775   | 25RB#0       | NV             | 20               | -11.12         | -0.004323       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV             | -30              | -10.56         | -0.004069       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV             | -20              | -11.17         | -0.004304       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV             | 0                | -7.27          | -0.002802       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV             | 10               | -8.14          | -0.003137       | ±2.5        | PASS    |
| Band38      | 5MHz      | 16QAM      | 38000   | 25RB#0       | NV             | 20               | -8.65          | -0.003333       | ±2.5        | PASS    |

|        |       |       |       |        |    |     |        |           |      |      |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | -30 | -9.84  | -0.003759 | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | -20 | -6.67  | -0.002548 | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 0   | -10.34 | -0.003950 | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 10  | -10.71 | -0.004092 | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 20  | -9.14  | -0.003492 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | -30 | 8.51   | 0.003305  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | -20 | 8.78   | 0.003410  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 0   | 5.64   | 0.002190  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 10  | -7.75  | -0.003010 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 20  | 4.99   | 0.001938  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | -30 | -11.40 | -0.004393 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | -20 | -9.07  | -0.003495 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 0   | -9.24  | -0.003561 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 10  | -10.96 | -0.004224 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 20  | -12.37 | -0.004767 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | -30 | 7.78   | 0.002975  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | -20 | 8.08   | 0.003090  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 0   | 7.64   | 0.002922  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 10  | -10.14 | -0.003878 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 20  | 7.65   | 0.002925  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | -30 | -8.60  | -0.003340 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | -20 | 8.85   | 0.003437  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 0   | -7.60  | -0.002951 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 10  | -9.24  | -0.003588 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 20  | -4.66  | -0.001810 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | -30 | -13.60 | -0.005241 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | -20 | -8.34  | -0.003214 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 0   | -9.07  | -0.003495 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 10  | -12.65 | -0.004875 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 20  | -12.02 | -0.004632 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | -30 | 4.29   | 0.001641  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | -20 | 4.72   | 0.001805  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 0   | 9.44   | 0.003610  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 10  | 7.05   | 0.002696  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 20  | 5.21   | 0.001992  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | -30 | 6.41   | 0.002487  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | -20 | 6.91   | 0.002681  | ±2.5 | PASS |

|        |       |       |       |         |    |     |        |           |      |      |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | NV | 0   | 10.56  | 0.004097  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | NV | 10  | 6.64   | 0.002576  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | NV | 20  | -5.12  | -0.001986 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | NV | -30 | -9.80  | -0.003776 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | NV | -20 | -7.47  | -0.002879 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | NV | 0   | -7.02  | -0.002705 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | NV | 10  | -13.78 | -0.005310 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | NV | 20  | -9.64  | -0.003715 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | NV | -30 | -8.50  | -0.003254 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | NV | -20 | 9.97   | 0.003816  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | NV | 0   | 6.69   | 0.002561  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | NV | 10  | -9.71  | -0.003717 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | NV | 20  | -8.08  | -0.003093 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | NV | -30 | 5.08   | 0.001971  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | NV | -20 | 9.40   | 0.003647  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | NV | 0   | 7.42   | 0.002879  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | NV | 10  | -6.52  | -0.002530 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | NV | 20  | 8.43   | 0.003271  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | NV | -30 | -12.26 | -0.004724 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | NV | -20 | -11.70 | -0.004509 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | NV | 0   | -10.43 | -0.004019 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | NV | 10  | -10.67 | -0.004112 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | NV | 20  | -8.13  | -0.003133 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | NV | -30 | -8.48  | -0.003246 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | NV | -20 | 8.03   | 0.003074  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | NV | 0   | -6.88  | -0.002633 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | NV | 10  | 5.11   | 0.001956  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | NV | 20  | -4.99  | -0.001910 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | -30 | -10.76 | -0.004171 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | -20 | -9.26  | -0.003589 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 0   | -10.59 | -0.004105 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 10  | -8.57  | -0.003322 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 20  | -9.33  | -0.003616 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | -30 | -6.47  | -0.002493 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | -20 | -11.33 | -0.004366 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 0   | -7.11  | -0.002740 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 10  | -13.33 | -0.005137 | ±2.5 | PASS |

|        |       |       |       |         |    |     |        |           |      |      |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 20  | -11.20 | -0.004316 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | -30 | -10.51 | -0.004027 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | -20 | -8.93  | -0.003421 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 0   | -11.80 | -0.004521 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 10  | -8.64  | -0.003310 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 20  | -11.37 | -0.004356 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -30 | -10.74 | -0.004163 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -20 | -8.45  | -0.003275 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 0   | -11.26 | -0.004364 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 10  | -12.07 | -0.004678 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 20  | -7.37  | -0.002857 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -30 | -12.95 | -0.004990 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -20 | -6.69  | -0.002578 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 0   | -8.30  | -0.003198 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 10  | -8.87  | -0.003418 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 20  | -10.33 | -0.003981 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -30 | -8.31  | -0.003184 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -20 | -12.20 | -0.004674 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 0   | -12.29 | -0.004709 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 10  | -10.26 | -0.003931 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 20  | -10.63 | -0.004073 | ±2.5 | PASS |

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band41  | 5MHz      | QPSK       | 40065   | 25RB#0       | VL            | NT               | 10.30          | 0.004059        | ±2.5        | PASS    |
| Band41  | 5MHz      | QPSK       | 40065   | 25RB#0       | VN            | NT               | 7.20           | 0.002837        | ±2.5        | PASS    |
| Band41  | 5MHz      | QPSK       | 40065   | 25RB#0       | VH            | NT               | -6.44          | -0.002538       | ±2.5        | PASS    |
| Band41  | 5MHz      | QPSK       | 40590   | 25RB#0       | VL            | NT               | 5.38           | 0.002077        | ±2.5        | PASS    |
| Band41  | 5MHz      | QPSK       | 40590   | 25RB#0       | VN            | NT               | -6.41          | -0.002475       | ±2.5        | PASS    |
| Band41  | 5MHz      | QPSK       | 40590   | 25RB#0       | VH            | NT               | 8.13           | 0.003139        | ±2.5        | PASS    |
| Band41  | 5MHz      | QPSK       | 41215   | 25RB#0       | VL            | NT               | 12.89          | 0.004860        | ±2.5        | PASS    |
| Band41  | 5MHz      | QPSK       | 41215   | 25RB#0       | VN            | NT               | 13.35          | 0.005033        | ±2.5        | PASS    |
| Band41  | 5MHz      | QPSK       | 41215   | 25RB#0       | VH            | NT               | -3.89          | -0.001467       | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 40065   | 25RB#0       | VL            | NT               | -10.23         | -0.004032       | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 40065   | 25RB#0       | VN            | NT               | -9.51          | -0.003748       | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 40065   | 25RB#0       | VH            | NT               | 8.11           | 0.003196        | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 40590   | 25RB#0       | VL            | NT               | 8.24           | 0.003181        | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 40590   | 25RB#0       | VN            | NT               | -9.00          | -0.003475       | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 40590   | 25RB#0       | VH            | NT               | -8.87          | -0.003425       | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 41215   | 25RB#0       | VL            | NT               | -5.68          | -0.002141       | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 41215   | 25RB#0       | VN            | NT               | 8.67           | 0.003269        | ±2.5        | PASS    |
| Band41  | 5MHz      | 16QAM      | 41215   | 25RB#0       | VH            | NT               | -8.53          | -0.003216       | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 40090   | 50RB#0       | VL            | NT               | -7.84          | -0.003087       | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 40090   | 50RB#0       | VN            | NT               | 7.10           | 0.002795        | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 40090   | 50RB#0       | VH            | NT               | 8.57           | 0.003374        | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 40590   | 50RB#0       | VL            | NT               | 7.20           | 0.002780        | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 40590   | 50RB#0       | VN            | NT               | -3.93          | -0.001517       | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 40590   | 50RB#0       | VH            | NT               | -7.50          | -0.002896       | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 41190   | 50RB#0       | VL            | NT               | -16.16         | -0.006098       | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 41190   | 50RB#0       | VN            | NT               | -19.44         | -0.007336       | ±2.5        | PASS    |
| Band41  | 10MHz     | QPSK       | 41190   | 50RB#0       | VH            | NT               | -17.70         | -0.006679       | ±2.5        | PASS    |
| Band41  | 10MHz     | 16QAM      | 40090   | 50RB#0       | VL            | NT               | 6.34           | 0.002496        | ±2.5        | PASS    |
| Band41  | 10MHz     | 16QAM      | 40090   | 50RB#0       | VN            | NT               | -7.78          | -0.003063       | ±2.5        | PASS    |
| Band41  | 10MHz     | 16QAM      | 40090   | 50RB#0       | VH            | NT               | -9.26          | -0.003646       | ±2.5        | PASS    |
| Band41  | 10MHz     | 16QAM      | 40590   | 50RB#0       | VL            | NT               | -8.40          | -0.003243       | ±2.5        | PASS    |



|        |       |       |       |         |    |    |        |           |      |      |
|--------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band41 | 10MHz | 16QAM | 40590 | 50RB#0  | VN | NT | -5.48  | -0.002116 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40590 | 50RB#0  | VH | NT | -7.62  | -0.002942 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0  | VL | NT | -13.15 | -0.004962 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0  | VN | NT | -17.64 | -0.006657 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0  | VH | NT | -11.62 | -0.004385 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40115 | 75RB#0  | VL | NT | -10.93 | -0.004299 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40115 | 75RB#0  | VN | NT | -11.10 | -0.004366 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40115 | 75RB#0  | VH | NT | -10.50 | -0.004130 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40590 | 75RB#0  | VL | NT | -4.51  | -0.001741 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40590 | 75RB#0  | VN | NT | -6.78  | -0.002618 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40590 | 75RB#0  | VH | NT | 9.30   | 0.003591  | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 41165 | 75RB#0  | VL | NT | -11.06 | -0.004178 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 41165 | 75RB#0  | VN | NT | -9.07  | -0.003426 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 41165 | 75RB#0  | VH | NT | -7.65  | -0.002890 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40115 | 75RB#0  | VL | NT | -17.48 | -0.006875 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40115 | 75RB#0  | VN | NT | -13.90 | -0.005467 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40115 | 75RB#0  | VH | NT | -9.38  | -0.003689 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40590 | 75RB#0  | VL | NT | -6.47  | -0.002498 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40590 | 75RB#0  | VN | NT | -5.19  | -0.002004 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40590 | 75RB#0  | VH | NT | 4.48   | 0.001730  | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0  | VL | NT | -12.70 | -0.004797 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0  | VN | NT | -9.76  | -0.003686 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0  | VH | NT | -12.27 | -0.004635 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | VL | NT | -7.57  | -0.002974 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | VN | NT | 8.58   | 0.003371  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | VH | NT | -7.17  | -0.002817 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40590 | 100RB#0 | VL | NT | -7.22  | -0.002788 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40590 | 100RB#0 | VN | NT | -6.38  | -0.002463 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40590 | 100RB#0 | VH | NT | -6.32  | -0.002440 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | VL | NT | 8.77   | 0.003316  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | VN | NT | 6.17   | 0.002333  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | VH | NT | 6.88   | 0.002601  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | VL | NT | 7.18   | 0.002821  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | VN | NT | -8.94  | -0.003513 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | VH | NT | -7.58  | -0.002978 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40590 | 100RB#0 | VL | NT | -7.25  | -0.002799 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40590 | 100RB#0 | VN | NT | 8.87   | 0.003425  | ±2.5 | PASS |

|        |       |       |       |         |    |    |       |           |      |      |
|--------|-------|-------|-------|---------|----|----|-------|-----------|------|------|
| Band41 | 20MHz | 16QAM | 40590 | 100RB#0 | VH | NT | -7.17 | -0.002768 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | VL | NT | 8.15  | 0.003081  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | VN | NT | 7.60  | 0.002873  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | VH | NT | 7.90  | 0.002987  | ±2.5 | PASS |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band41      | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -30              | -6.35          | -0.002502       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -20              | 10.60          | 0.004177        | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 0                | -9.20          | -0.003626       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 10               | -8.91          | -0.003511       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 20               | -9.81          | -0.003866       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -30              | -9.11          | -0.003517       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -20              | 5.88           | 0.002270        | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | 0                | 5.25           | 0.002027        | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | 10               | -10.76         | -0.004154       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | 20               | -5.46          | -0.002108       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 41215   | 25RB#0       | NV            | -30              | -6.34          | -0.002390       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 41215   | 25RB#0       | NV            | -20              | -5.68          | -0.002141       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 41215   | 25RB#0       | NV            | 0                | -7.35          | -0.002771       | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 41215   | 25RB#0       | NV            | 10               | 7.42           | 0.002797        | ±2.5        | PASS    |
| Band41      | 5MHz      | QPSK       | 41215   | 25RB#0       | NV            | 20               | 10.00          | 0.003770        | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40065   | 25RB#0       | NV            | -30              | -7.70          | -0.003034       | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40065   | 25RB#0       | NV            | -20              | -9.36          | -0.003689       | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40065   | 25RB#0       | NV            | 0                | -5.52          | -0.002175       | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40065   | 25RB#0       | NV            | 10               | -12.17         | -0.004796       | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40065   | 25RB#0       | NV            | 20               | -12.57         | -0.004954       | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40590   | 25RB#0       | NV            | -30              | 9.01           | 0.003479        | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40590   | 25RB#0       | NV            | -20              | -8.30          | -0.003205       | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40590   | 25RB#0       | NV            | 0                | 7.35           | 0.002838        | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40590   | 25RB#0       | NV            | 10               | 7.40           | 0.002857        | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 40590   | 25RB#0       | NV            | 20               | -7.31          | -0.002822       | ±2.5        | PASS    |
| Band41      | 5MHz      | 16QAM      | 41215   | 25RB#0       | NV            | -30              | 8.04           | 0.003031        | ±2.5        | PASS    |

|        |       |       |       |        |    |     |        |           |      |      |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band41 | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | -20 | 6.27   | 0.002364  | ±2.5 | PASS |
| Band41 | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 0   | 7.81   | 0.002944  | ±2.5 | PASS |
| Band41 | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 10  | -9.73  | -0.003668 | ±2.5 | PASS |
| Band41 | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 20  | 10.21  | 0.003849  | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40090 | 50RB#0 | NV | -30 | 9.16   | 0.003606  | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40090 | 50RB#0 | NV | -20 | 9.18   | 0.003614  | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 0   | -9.31  | -0.003665 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 10  | -6.37  | -0.002508 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 20  | 8.98   | 0.003535  | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40590 | 50RB#0 | NV | -30 | -7.65  | -0.002954 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40590 | 50RB#0 | NV | -20 | -10.81 | -0.004174 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 0   | 8.31   | 0.003208  | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 10  | 7.84   | 0.003027  | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 20  | 7.65   | 0.002954  | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -30 | -14.85 | -0.005604 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -20 | -17.47 | -0.006592 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 0   | -10.39 | -0.003921 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 10  | -15.34 | -0.005789 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 20  | -13.18 | -0.004974 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -30 | 10.01  | 0.003941  | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -20 | 9.36   | 0.003685  | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 0   | 8.55   | 0.003366  | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 10  | 8.71   | 0.003429  | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 20  | 10.36  | 0.004079  | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -30 | 5.24   | 0.002023  | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -20 | -7.08  | -0.002734 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 0   | -7.50  | -0.002896 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 10  | -10.20 | -0.003938 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 20  | -8.88  | -0.003429 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -30 | -14.66 | -0.005532 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -20 | -15.03 | -0.005672 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 0   | -14.15 | -0.005340 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 10  | -13.49 | -0.005091 | ±2.5 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 20  | -18.57 | -0.007008 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -30 | -12.19 | -0.004794 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -20 | -14.28 | -0.005617 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40115 | 75RB#0 | NV | 0   | -13.30 | -0.005231 | ±2.5 | PASS |

|        |       |       |       |         |    |     |        |           |      |      |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band41 | 15MHz | QPSK  | 40115 | 75RB#0  | NV | 10  | -14.53 | -0.005715 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40115 | 75RB#0  | NV | 20  | -9.63  | -0.003788 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40590 | 75RB#0  | NV | -30 | -7.07  | -0.002730 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40590 | 75RB#0  | NV | -20 | -5.72  | -0.002208 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40590 | 75RB#0  | NV | 0   | -6.15  | -0.002375 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40590 | 75RB#0  | NV | 10  | -12.45 | -0.004807 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 40590 | 75RB#0  | NV | 20  | -7.67  | -0.002961 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 41165 | 75RB#0  | NV | -30 | -7.24  | -0.002735 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 41165 | 75RB#0  | NV | -20 | -8.10  | -0.003059 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 41165 | 75RB#0  | NV | 0   | -7.85  | -0.002965 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 41165 | 75RB#0  | NV | 10  | -8.41  | -0.003177 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK  | 41165 | 75RB#0  | NV | 20  | -12.70 | -0.004797 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40115 | 75RB#0  | NV | -30 | -10.51 | -0.004134 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40115 | 75RB#0  | NV | -20 | -7.85  | -0.003088 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40115 | 75RB#0  | NV | 0   | -9.06  | -0.003563 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40115 | 75RB#0  | NV | 10  | -12.35 | -0.004857 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40115 | 75RB#0  | NV | 20  | -10.30 | -0.004051 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40590 | 75RB#0  | NV | -30 | 9.84   | 0.003799  | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40590 | 75RB#0  | NV | -20 | 4.46   | 0.001722  | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40590 | 75RB#0  | NV | 0   | -4.69  | -0.001811 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40590 | 75RB#0  | NV | 10  | 10.14  | 0.003915  | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 40590 | 75RB#0  | NV | 20  | -5.48  | -0.002116 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0  | NV | -30 | -9.43  | -0.003562 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0  | NV | -20 | -13.56 | -0.005122 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 0   | -10.21 | -0.003856 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 10  | -11.19 | -0.004227 | ±2.5 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 20  | -16.31 | -0.006161 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -30 | 6.85   | 0.002692  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -20 | 6.95   | 0.002731  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 0   | -8.65  | -0.003399 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 10  | -6.72  | -0.002640 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 20  | -6.45  | -0.002534 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40590 | 100RB#0 | NV | -30 | 6.88   | 0.002656  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40590 | 100RB#0 | NV | -20 | -7.62  | -0.002942 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40590 | 100RB#0 | NV | 0   | 3.32   | 0.001282  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40590 | 100RB#0 | NV | 10  | 5.51   | 0.002127  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 40590 | 100RB#0 | NV | 20  | 5.88   | 0.002270  | ±2.5 | PASS |

|        |       |       |       |         |    |     |       |           |      |      |
|--------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | NV | -30 | 10.13 | 0.003830  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | NV | -20 | 13.15 | 0.004972  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 0   | 6.04  | 0.002284  | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 10  | -5.19 | -0.001962 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 20  | -5.76 | -0.002178 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -30 | -7.15 | -0.002809 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -20 | 5.79  | 0.002275  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 0   | 9.07  | 0.003564  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 10  | 7.61  | 0.002990  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 20  | 9.70  | 0.003811  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -30 | 8.24  | 0.003181  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -20 | 8.13  | 0.003139  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 0   | -7.45 | -0.002876 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 10  | 7.64  | 0.002950  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 20  | -4.79 | -0.001849 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -30 | 10.34 | 0.003909  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -20 | 4.38  | 0.001656  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 0   | 4.69  | 0.001773  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 10  | 9.03  | 0.003414  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 20  | -8.04 | -0.003040 | ±2.5 | PASS |

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