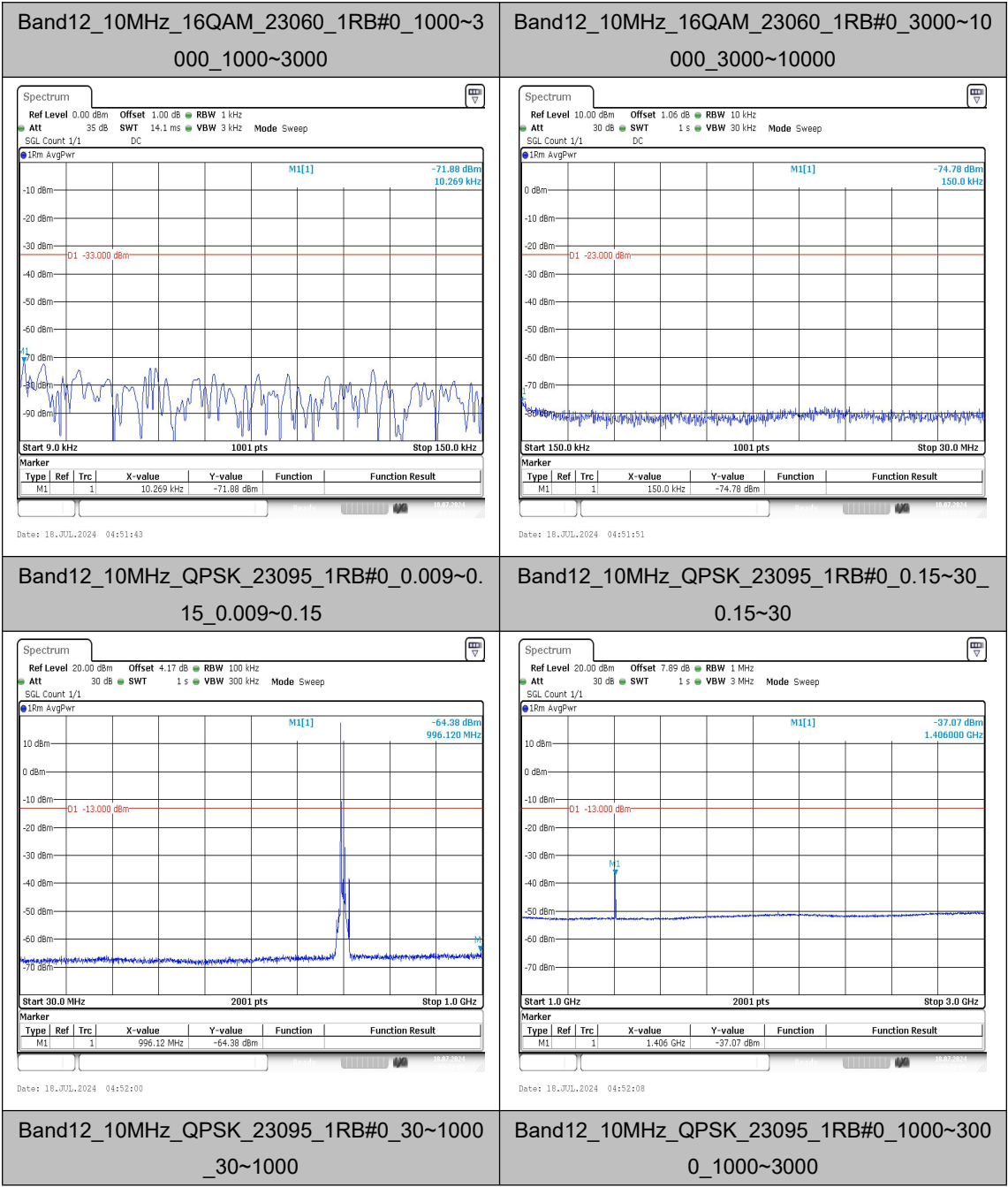
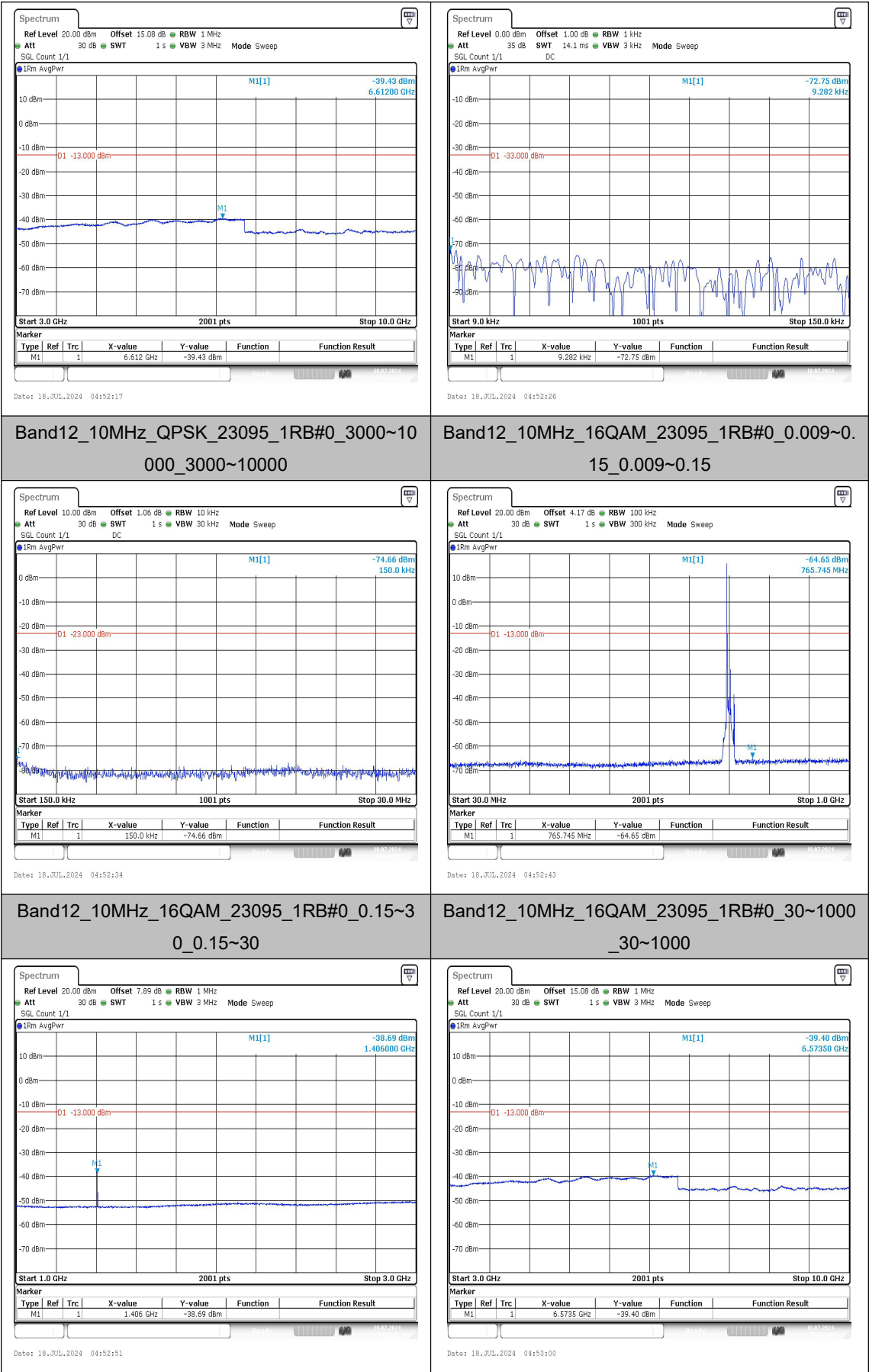
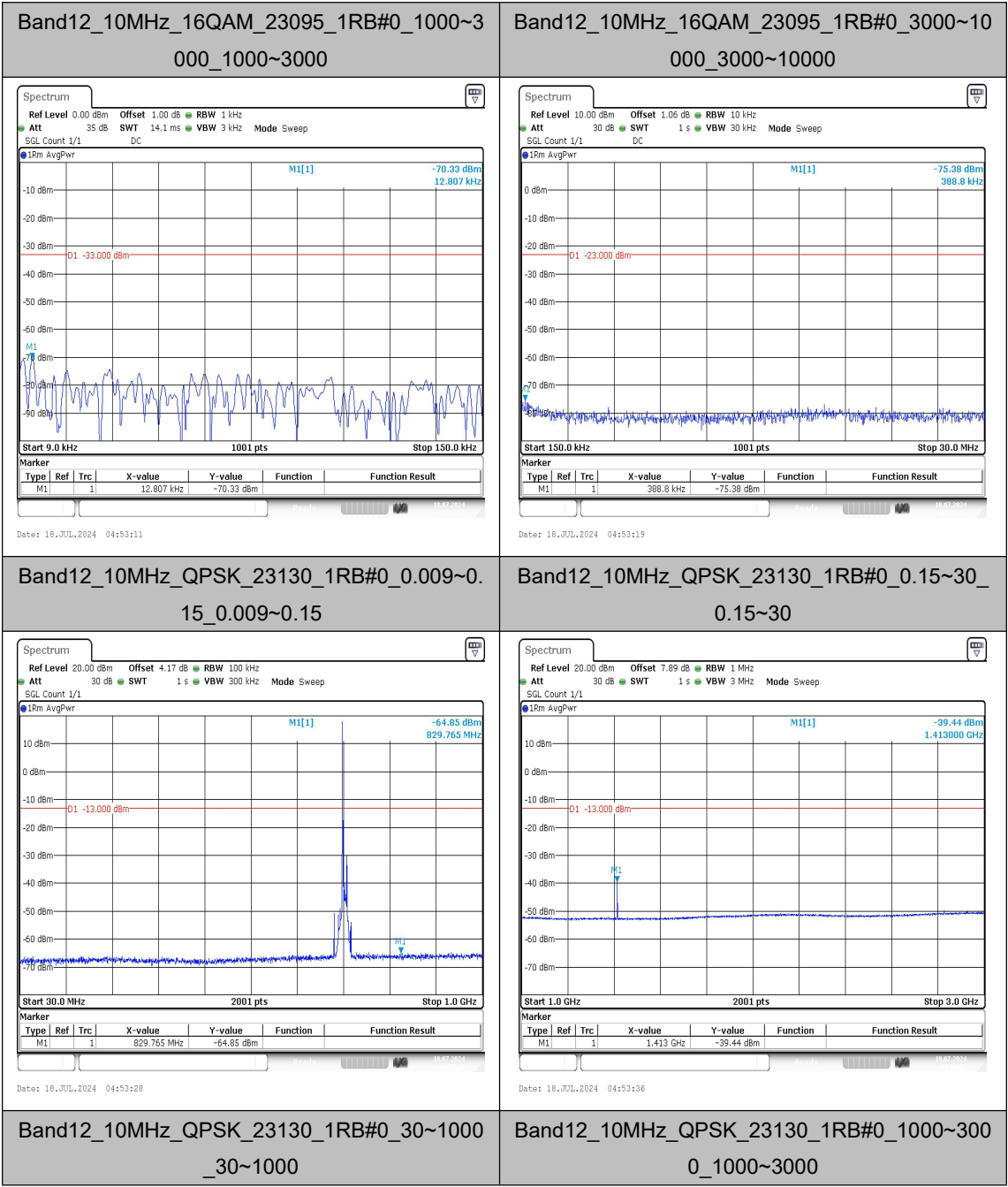
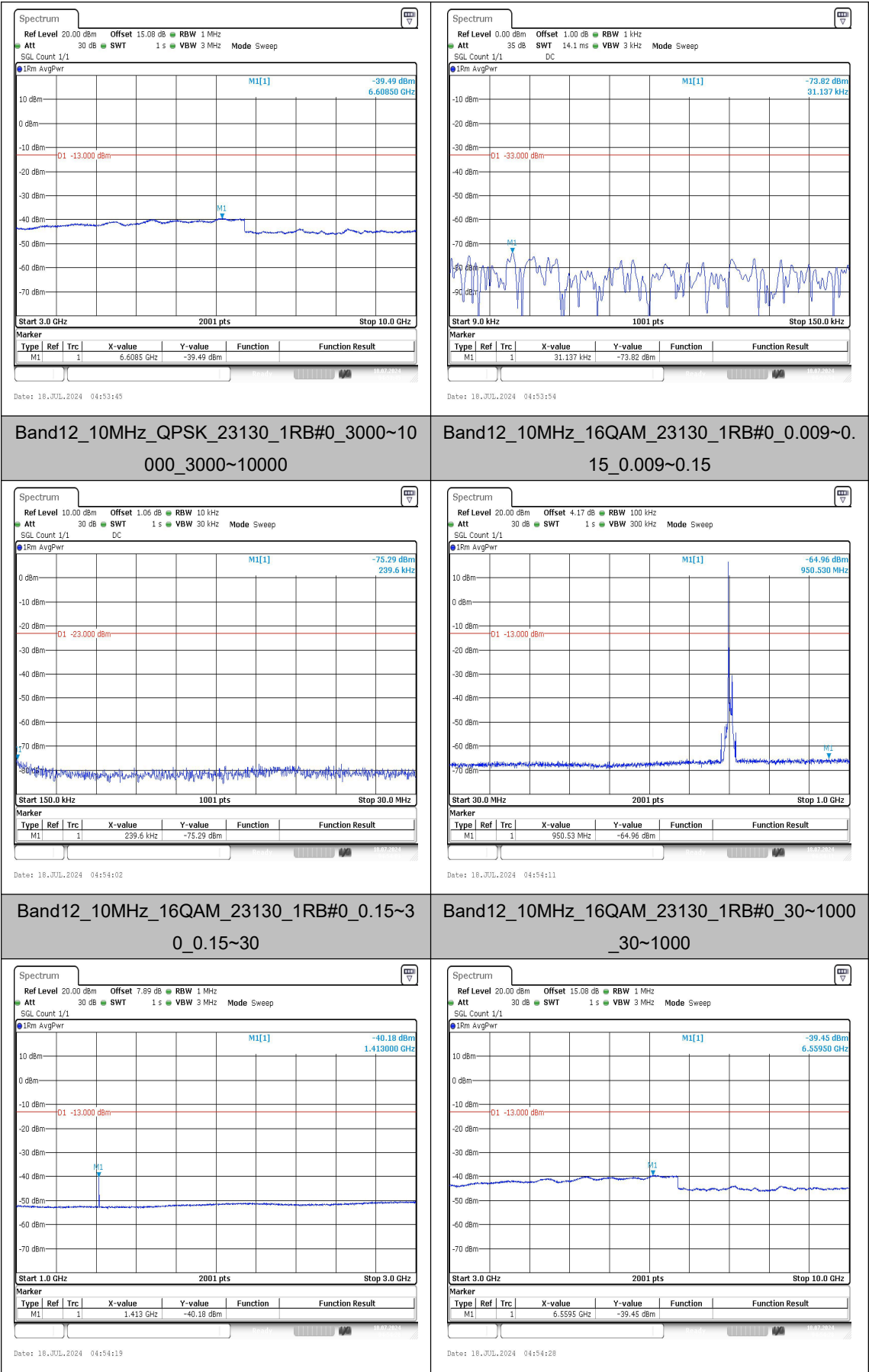










|                                                    |                                                      |
|----------------------------------------------------|------------------------------------------------------|
| Band12_10MHz_16QAM_23130_1RB#0_1000~3000_1000~3000 | Band12_10MHz_16QAM_23130_1RB#0_3000~10000_3000~10000 |
|----------------------------------------------------|------------------------------------------------------|

## Appendix F: Frequency Stability

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Voltage       |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
|        |           |            |         |                  | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | VN            | NT               | -4.08          | -0.005831       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | VL            | NT               | -6.75          | -0.009647       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | VH            | NT               | -3.72          | -0.005317       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VN            | NT               | -4.95          | -0.007074       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VL            | NT               | -4.98          | -0.007117       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | VH            | NT               | -8.14          | -0.011634       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VN            | NT               | 7.30           | 0.010318        | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VL            | NT               | -7.60          | -0.010742       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | VH            | NT               | -4.85          | -0.006855       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VN            | NT               | -10.71         | -0.015138       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VL            | NT               | -7.84          | -0.011081       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | VH            | NT               | -6.25          | -0.008834       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VN            | NT               | -2.20          | -0.003076       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VL            | NT               | -8.98          | -0.012554       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | VH            | NT               | -7.15          | -0.009996       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VN            | NT               | -10.29         | -0.014386       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VL            | NT               | -7.37          | -0.010303       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | VH            | NT               | -6.62          | -0.009255       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | VN            | NT               | -5.74          | -0.008194       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | VL            | NT               | -7.65          | -0.010921       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | VH            | NT               | -6.32          | -0.009022       | ±2.5        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | VN            | NT               | -4.98          | -0.007109       | ±2.5        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | VL            | NT               | -10.43         | -0.014889       | ±2.5        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | VH            | NT               | -7.78          | -0.011106       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | VN            | NT               | 2.63           | 0.003717        | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | VL            | NT               | -11.03         | -0.015590       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | VH            | NT               | -4.94          | -0.006982       | ±2.5        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | VN            | NT               | -8.15          | -0.011519       | ±2.5        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | VL            | NT               | -7.78          | -0.010996       | ±2.5        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | VH            | NT               | -6.41          | -0.009060       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | VN            | NT               | 5.91           | 0.008272        | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | VL            | NT               | -6.78          | -0.009489       | ±2.5        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | VH            | NT               | -8.97          | -0.012554       | ±2.5        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | VN            | NT               | -7.48          | -0.010469       | ±2.5        | PASS    |

|        |       |       |       |        |    |    |        |           |      |      |
|--------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0 | VL | NT | -6.52  | -0.009125 | ±2.5 | PASS |
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0 | VH | NT | -3.89  | -0.005444 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VN | NT | -9.20  | -0.013115 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VL | NT | -6.78  | -0.009665 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0 | VH | NT | -6.95  | -0.009907 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VN | NT | -9.51  | -0.013557 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VL | NT | -11.14 | -0.015880 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0 | VH | NT | -10.99 | -0.015666 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VN | NT | -5.61  | -0.007929 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VL | NT | -6.17  | -0.008721 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0 | VH | NT | -8.11  | -0.011463 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VN | NT | -7.32  | -0.010346 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VL | NT | -9.44  | -0.013343 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0 | VH | NT | -7.12  | -0.010064 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VN | NT | -5.35  | -0.007498 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VL | NT | -10.86 | -0.015221 | ±2.5 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0 | VH | NT | -11.01 | -0.015431 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VN | NT | -13.50 | -0.018921 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VL | NT | -10.00 | -0.014015 | ±2.5 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | VH | NT | -7.25  | -0.010161 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VN | NT | -8.67  | -0.012315 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VL | NT | -9.23  | -0.013111 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | VH | NT | -7.02  | -0.009972 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VN | NT | -10.69 | -0.015185 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VL | NT | -2.10  | -0.002983 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VH | NT | -5.29  | -0.007514 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VN | NT | -2.06  | -0.002912 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VL | NT | -10.43 | -0.014742 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | VH | NT | -6.27  | -0.008862 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VN | NT | -10.06 | -0.014219 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VL | NT | -9.08  | -0.012834 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VH | NT | -9.61  | -0.013583 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VN | NT | -6.35  | -0.008931 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VL | NT | -11.97 | -0.016835 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | VH | NT | -12.13 | -0.017060 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VN | NT | -11.43 | -0.016076 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VL | NT | -7.27  | -0.010225 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VH | NT | -5.97  | -0.008397 | ±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              | -7.62          | -0.010890       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | -20              | -6.71          | -0.009590       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | -10              | -6.27          | -0.008961       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 0                | -13.83         | -0.019766       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 10               | -11.77         | -0.016821       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 20               | -11.76         | -0.016807       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 30               | -7.14          | -0.010204       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 40               | -7.28          | -0.010404       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | NV            | 50               | -7.52          | -0.010747       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | -30              | -9.13          | -0.013048       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | -20              | -3.88          | -0.005545       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | -10              | -10.16         | -0.014521       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 0                | -6.18          | -0.008832       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 10               | -10.56         | -0.015092       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 20               | -7.11          | -0.010161       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 30               | -5.95          | -0.008504       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 40               | -7.11          | -0.010161       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | NV            | 50               | -8.00          | -0.011433       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | -30              | -2.26          | -0.003194       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | -20              | -9.01          | -0.012735       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | -10              | -8.08          | -0.011420       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 0                | -7.38          | -0.010431       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 10               | -7.93          | -0.011208       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 20               | -8.35          | -0.011802       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 30               | -9.48          | -0.013399       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 40               | -10.01         | -0.014148       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | NV            | 50               | -9.48          | -0.013399       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | -30              | -6.71          | -0.009484       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | -20              | -8.83          | -0.012481       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | -10              | -5.22          | -0.007378       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 0                | -6.68          | -0.009442       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 10               | -7.72          | -0.010912       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 20               | -8.01          | -0.011322       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 30               | -3.16          | -0.004466       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 40               | -5.14          | -0.007265       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | NV            | 50               | -7.52          | -0.010629       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | -30              | -11.19         | -0.015644       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | -20              | -6.51          | -0.009101       | ±2.5        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | NV            | -10              | -6.49          | -0.009073       | ±2.5        | PASS    |

|        |        |       |       |        |    |     |        |           |      |      |
|--------|--------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0  | NV | 0   | -9.83  | -0.013742 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0  | NV | 10  | -7.42  | -0.010373 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0  | NV | 20  | -8.14  | -0.011380 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0  | NV | 30  | -3.52  | -0.004921 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0  | NV | 40  | -5.71  | -0.007983 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0  | NV | 50  | -7.37  | -0.010303 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | -30 | -9.58  | -0.013393 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | -20 | -6.97  | -0.009744 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | -10 | -1.90  | -0.002656 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 0   | -7.58  | -0.010597 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 10  | -7.61  | -0.010639 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 20  | -5.82  | -0.008136 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 30  | -5.98  | -0.008360 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 40  | -5.39  | -0.007535 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | NV | 50  | -5.41  | -0.007563 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | -30 | -6.78  | -0.009679 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | -20 | -8.81  | -0.012577 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | -10 | -5.06  | -0.007223 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | 0   | -5.18  | -0.007395 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | 10  | -4.22  | -0.006024 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | 20  | -4.43  | -0.006324 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | 30  | -8.45  | -0.012063 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | 40  | -9.41  | -0.013433 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | NV | 50  | -9.24  | -0.013191 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | -30 | -9.80  | -0.013990 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | -20 | -5.39  | -0.007695 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | -10 | -7.60  | -0.010849 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 0   | -8.75  | -0.012491 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 10  | -7.45  | -0.010635 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 20  | -5.38  | -0.007680 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 30  | -9.17  | -0.013091 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 40  | -6.15  | -0.008779 | ±2.5 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | NV | 50  | -9.73  | -0.013890 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | -30 | -10.93 | -0.015449 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | -20 | -7.22  | -0.010205 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | -10 | -7.84  | -0.011081 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | 0   | -8.88  | -0.012551 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | 10  | -9.68  | -0.013682 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | 20  | -9.70  | -0.013710 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | 30  | -5.48  | -0.007746 | ±2.5 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | NV | 40  | -13.49 | -0.019067 | ±2.5 | PASS |

|        |      |       |       |        |    |     |        |           |      |      |
|--------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band12 | 3MHz | QPSK  | 23095 | 15RB#0 | NV | 50  | -14.53 | -0.020537 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -30 | -8.37  | -0.011830 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -20 | -8.40  | -0.011873 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -10 | -10.31 | -0.014572 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 0   | -5.34  | -0.007548 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 10  | -9.20  | -0.013004 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 20  | -5.72  | -0.008085 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 30  | -10.76 | -0.015208 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 40  | -5.18  | -0.007322 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 50  | -11.50 | -0.016254 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | -30 | -8.40  | -0.011756 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | -20 | -8.33  | -0.011659 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | -10 | -11.43 | -0.015997 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 0   | -7.17  | -0.010035 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 10  | -11.69 | -0.016361 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 20  | -8.38  | -0.011728 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 30  | -5.39  | -0.007544 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 40  | -5.85  | -0.008188 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | NV | 50  | -11.43 | -0.015997 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -30 | -10.11 | -0.014150 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -20 | -8.48  | -0.011868 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -10 | -8.78  | -0.012288 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 0   | -12.23 | -0.017117 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 10  | -8.40  | -0.011756 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 20  | -5.26  | -0.007362 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 30  | -10.94 | -0.015311 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 40  | -6.67  | -0.009335 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 50  | -5.12  | -0.007166 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | -30 | -6.57  | -0.009366 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | -20 | -8.88  | -0.012659 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | -10 | -12.36 | -0.017619 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 0   | -7.82  | -0.011148 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 10  | -7.57  | -0.010791 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 20  | -6.51  | -0.009280 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 30  | -12.25 | -0.017463 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 40  | -10.09 | -0.014383 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | NV | 50  | -9.27  | -0.013215 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -30 | -12.82 | -0.018275 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -20 | -11.97 | -0.017063 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -10 | -5.01  | -0.007142 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 0   | -9.07  | -0.012929 | ±2.5 | PASS |

|        |      |       |       |        |    |     |        |           |      |      |
|--------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 10  | -3.55  | -0.005061 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 20  | -10.50 | -0.014968 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 30  | -6.88  | -0.009808 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 40  | -9.36  | -0.013343 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 50  | -5.39  | -0.007684 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | -30 | -7.05  | -0.009965 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | -20 | -11.64 | -0.016452 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | -10 | -7.87  | -0.011124 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 0   | -6.84  | -0.009668 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 10  | -12.65 | -0.017880 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 20  | -10.57 | -0.014940 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 30  | -8.14  | -0.011505 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 40  | -10.53 | -0.014883 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | NV | 50  | -7.42  | -0.010488 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | -30 | -4.78  | -0.006756 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | -20 | -8.08  | -0.011420 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | -10 | -9.20  | -0.013004 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 0   | -3.86  | -0.005456 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 10  | -12.03 | -0.017004 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 20  | -8.25  | -0.011661 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 30  | -7.38  | -0.010431 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 40  | -8.55  | -0.012085 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 50  | -10.13 | -0.014318 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | -30 | -12.60 | -0.017659 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | -20 | -8.84  | -0.012390 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | -10 | -10.14 | -0.014212 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 0   | -8.91  | -0.012488 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 10  | -5.97  | -0.008367 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 20  | -11.40 | -0.015978 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 30  | -12.39 | -0.017365 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 40  | -12.09 | -0.016945 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | NV | 50  | -14.68 | -0.020575 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | -30 | -2.13  | -0.002985 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | -20 | -8.21  | -0.011507 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | -10 | -9.34  | -0.013090 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 0   | -7.28  | -0.010203 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 10  | -7.64  | -0.010708 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 20  | -6.77  | -0.009488 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 30  | -2.99  | -0.004191 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 40  | -9.90  | -0.013875 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 50  | -5.99  | -0.008395 | ±2.5 | PASS |

|        |       |       |       |        |    |     |        |           |      |      |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | -30 | -10.99 | -0.015611 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | -20 | -4.33  | -0.006151 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | -10 | -8.60  | -0.012216 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 0   | -10.33 | -0.014673 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 10  | -10.00 | -0.014205 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 20  | 1.37   | 0.001946  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 30  | 3.16   | 0.004489  | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 40  | -10.63 | -0.015099 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | NV | 50  | -12.27 | -0.017429 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -30 | -6.38  | -0.009063 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -20 | -10.21 | -0.014503 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -10 | -7.60  | -0.010795 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 0   | -6.90  | -0.009801 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 10  | -12.46 | -0.017699 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 20  | -6.35  | -0.009020 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 30  | -3.63  | -0.005156 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 40  | 4.52   | 0.006420  | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 50  | -10.66 | -0.015142 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | -30 | -3.15  | -0.004452 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | -20 | -4.95  | -0.006996 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | -10 | -8.17  | -0.011548 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 0   | -7.45  | -0.010530 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 10  | -10.84 | -0.015322 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 20  | -14.39 | -0.020339 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 30  | -5.79  | -0.008184 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 40  | -5.25  | -0.007420 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | NV | 50  | -6.27  | -0.008862 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -30 | -9.88  | -0.013965 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -20 | -9.00  | -0.012721 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -10 | -6.42  | -0.009074 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 0   | -8.10  | -0.011449 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 10  | -12.90 | -0.018233 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 20  | -7.55  | -0.010671 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 30  | -8.45  | -0.011943 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 40  | -6.91  | -0.009767 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 50  | -10.20 | -0.014417 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | -30 | -5.38  | -0.007567 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | -20 | -10.81 | -0.015204 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | -10 | -5.19  | -0.007300 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 0   | -11.64 | -0.016371 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 10  | -8.94  | -0.012574 | ±2.5 | PASS |

|        |       |       |       |        |    |     |        |           |      |      |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 20  | -9.67  | -0.013601 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 30  | -5.55  | -0.007806 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 40  | -11.96 | -0.016821 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | NV | 50  | -12.02 | -0.016906 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -30 | -10.20 | -0.014346 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -20 | -5.42  | -0.007623 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -10 | -8.31  | -0.011688 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 0   | -6.35  | -0.008931 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 10  | -8.24  | -0.011589 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 20  | -11.36 | -0.015977 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 30  | -7.38  | -0.010380 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 40  | -8.70  | -0.012236 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 50  | -8.13  | -0.011435 | ±2.5 | PASS |