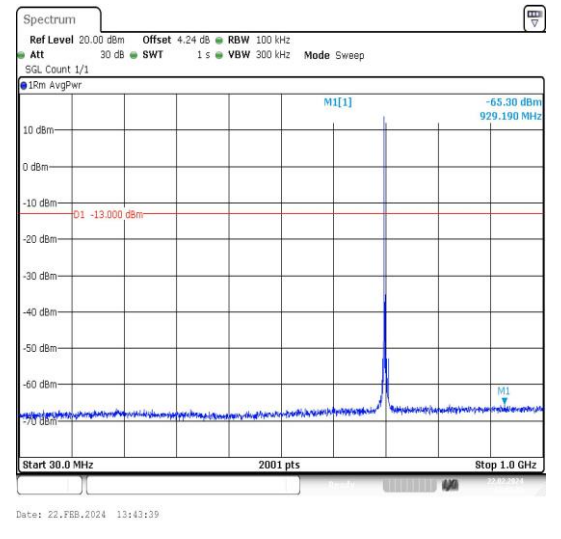
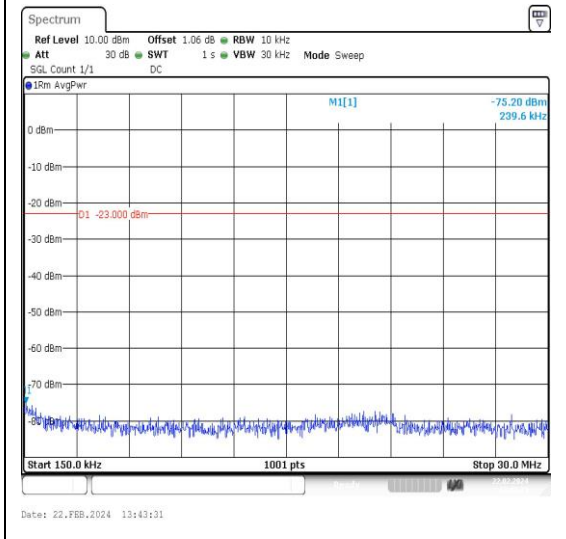


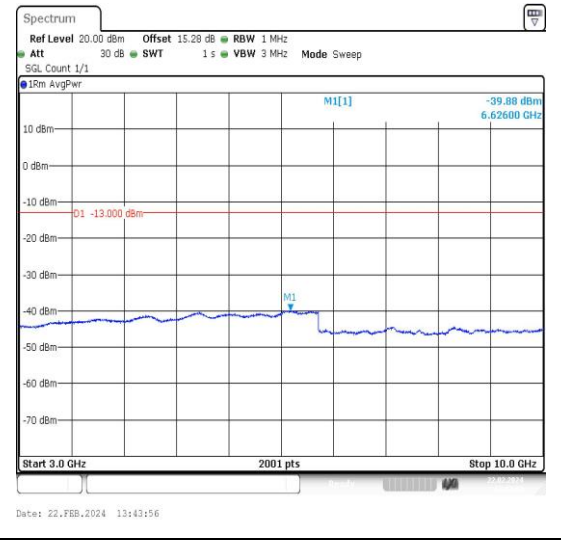
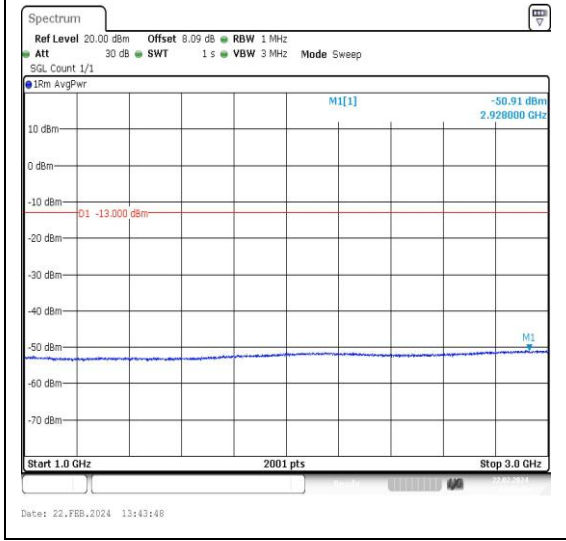
Band12_5MHz_QPSK_23095_1RB#0_3000~10000_00_3000~10000

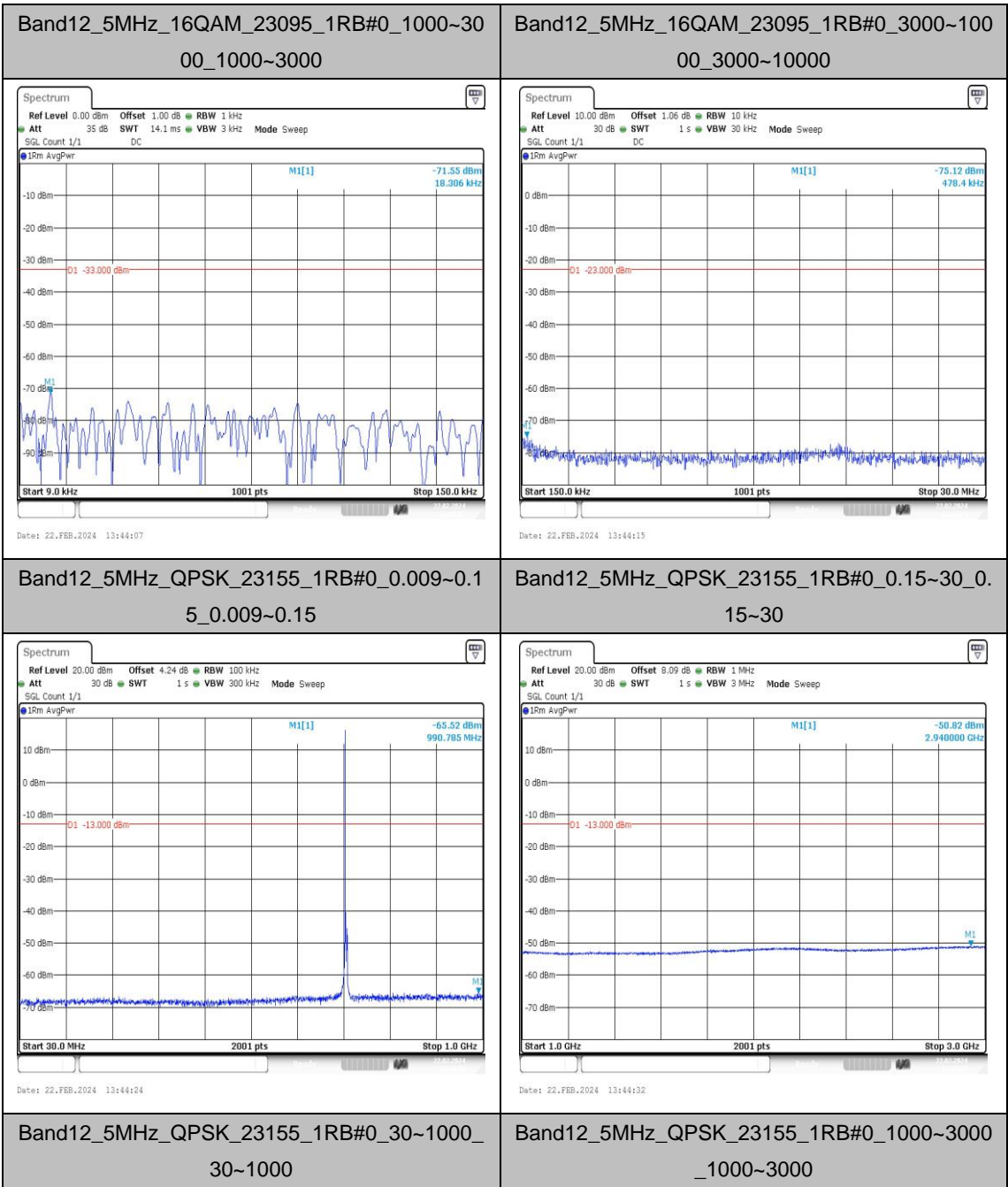
Band12_5MHz_16QAM_23095_1RB#0_0.009~0.15_5_0.009~0.15

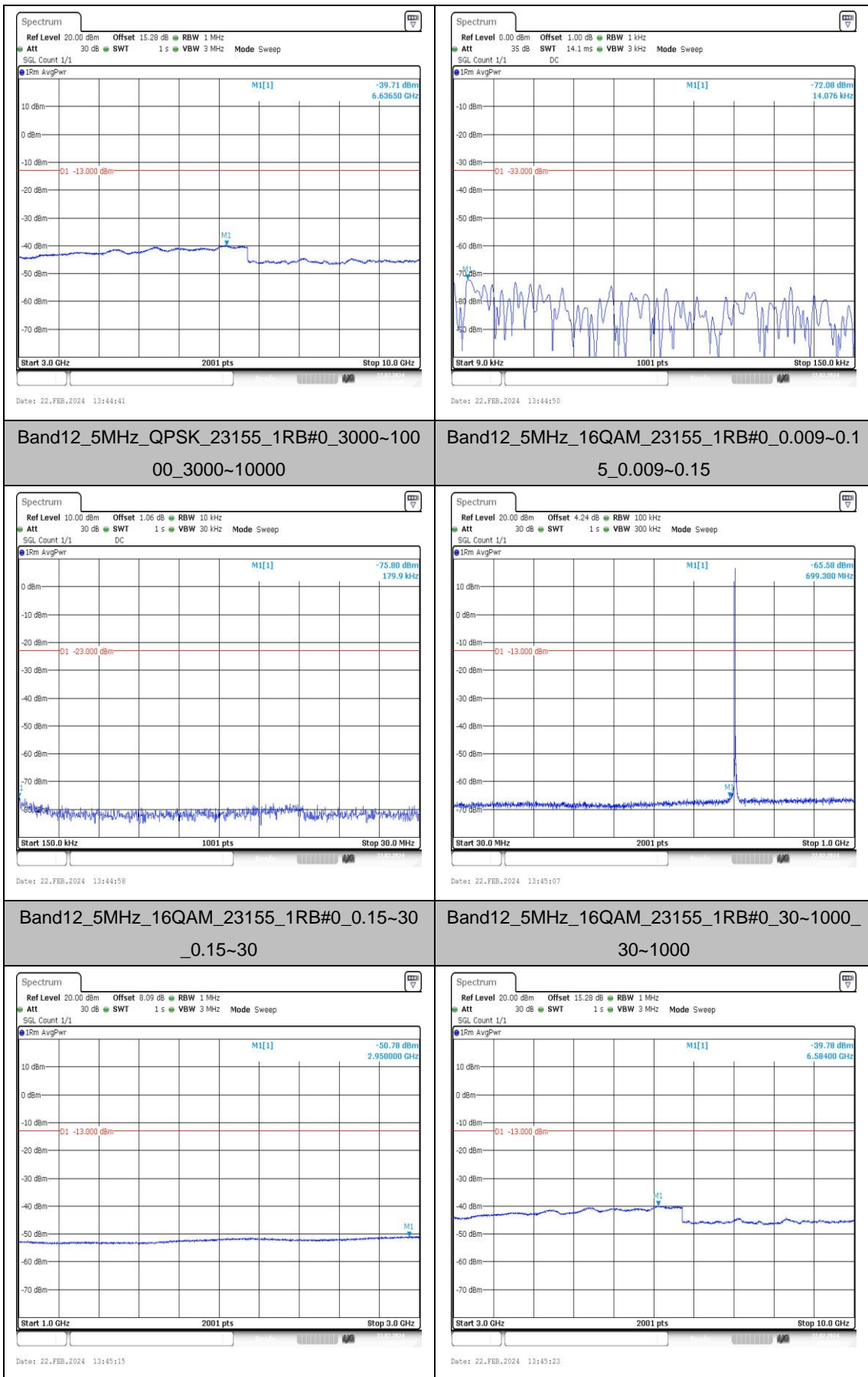


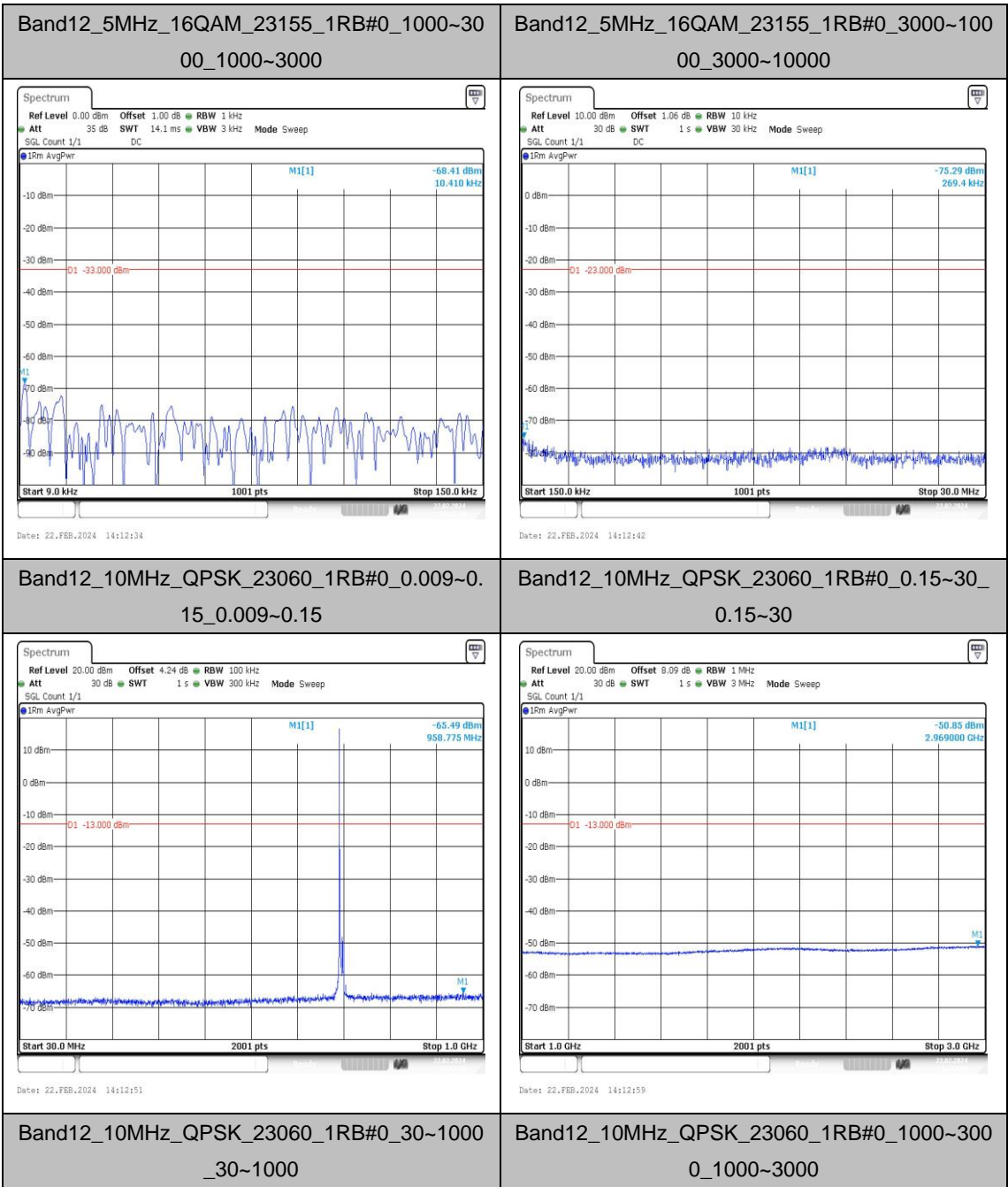
Band12_5MHz_16QAM_23095_1RB#0_0.15~30_0.15~30

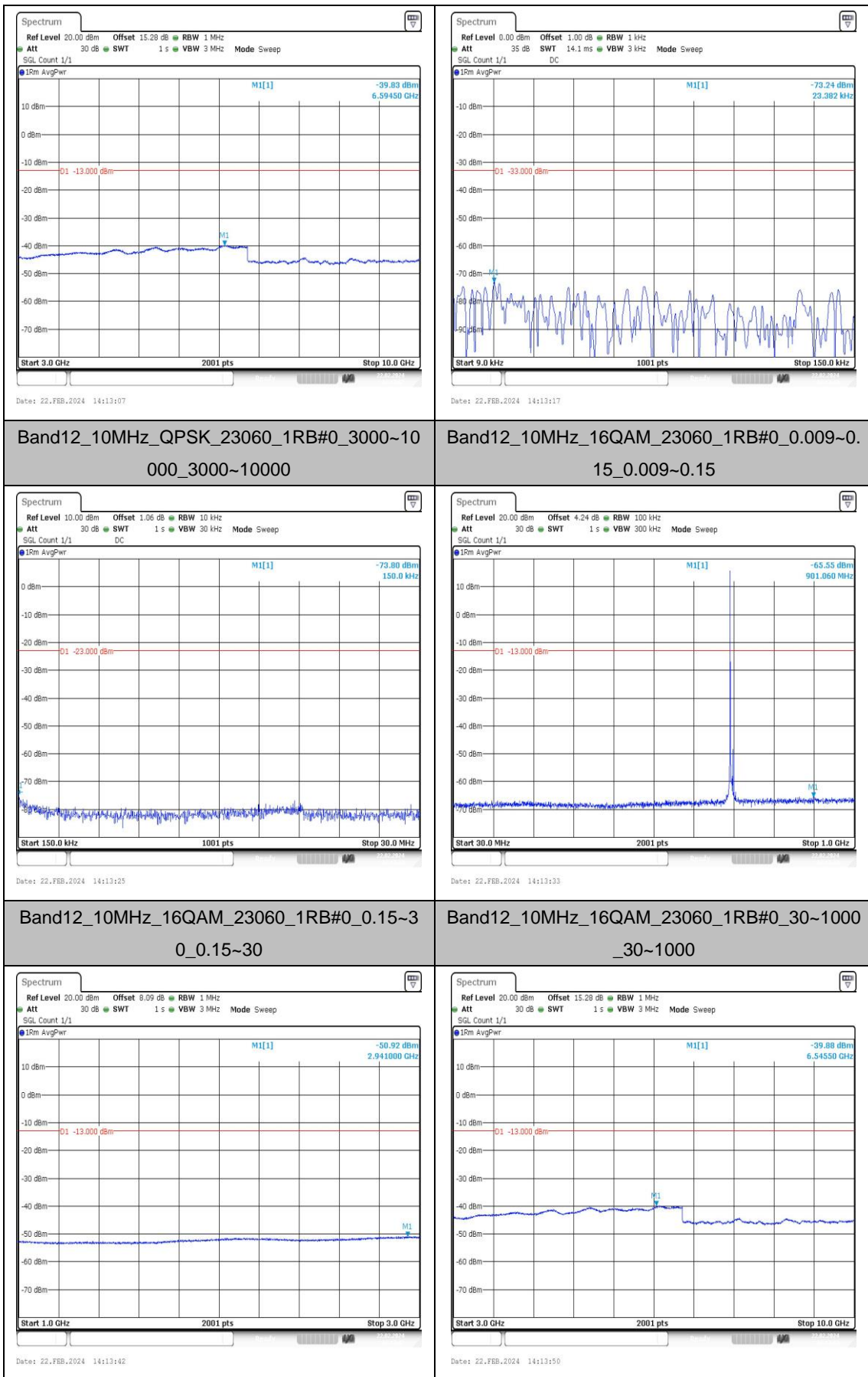
Band12_5MHz_16QAM_23095_1RB#0_30~1000_30~1000

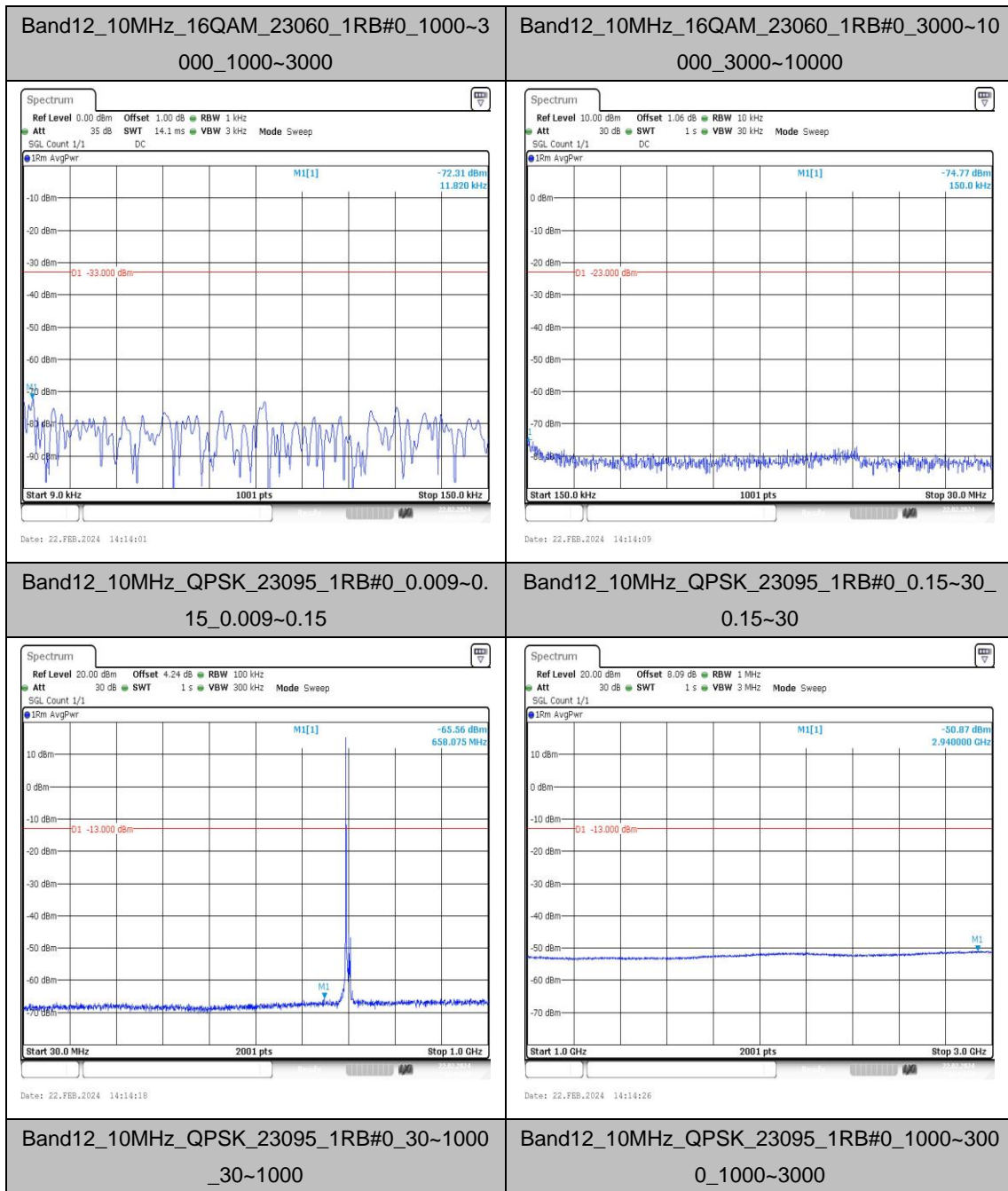


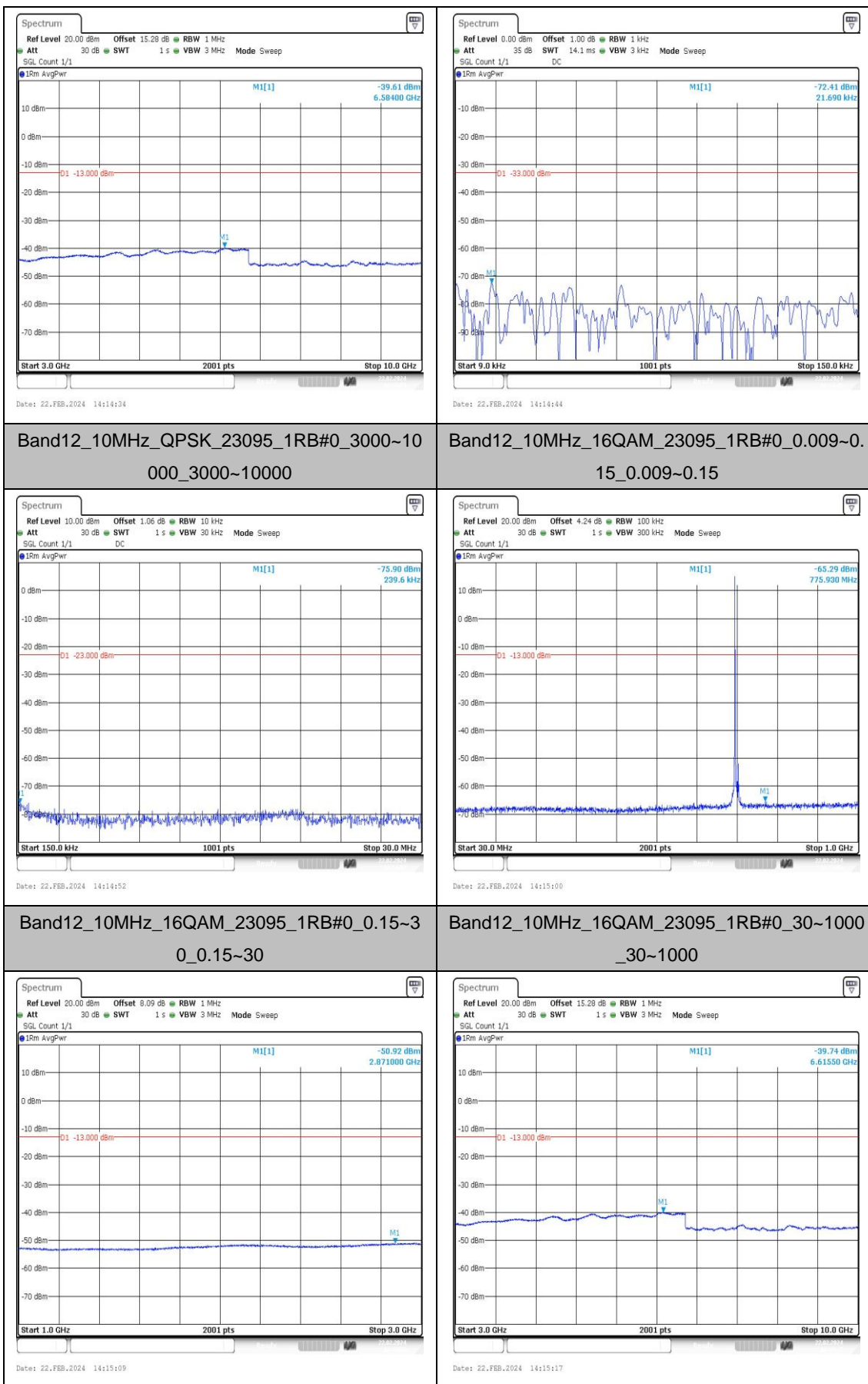


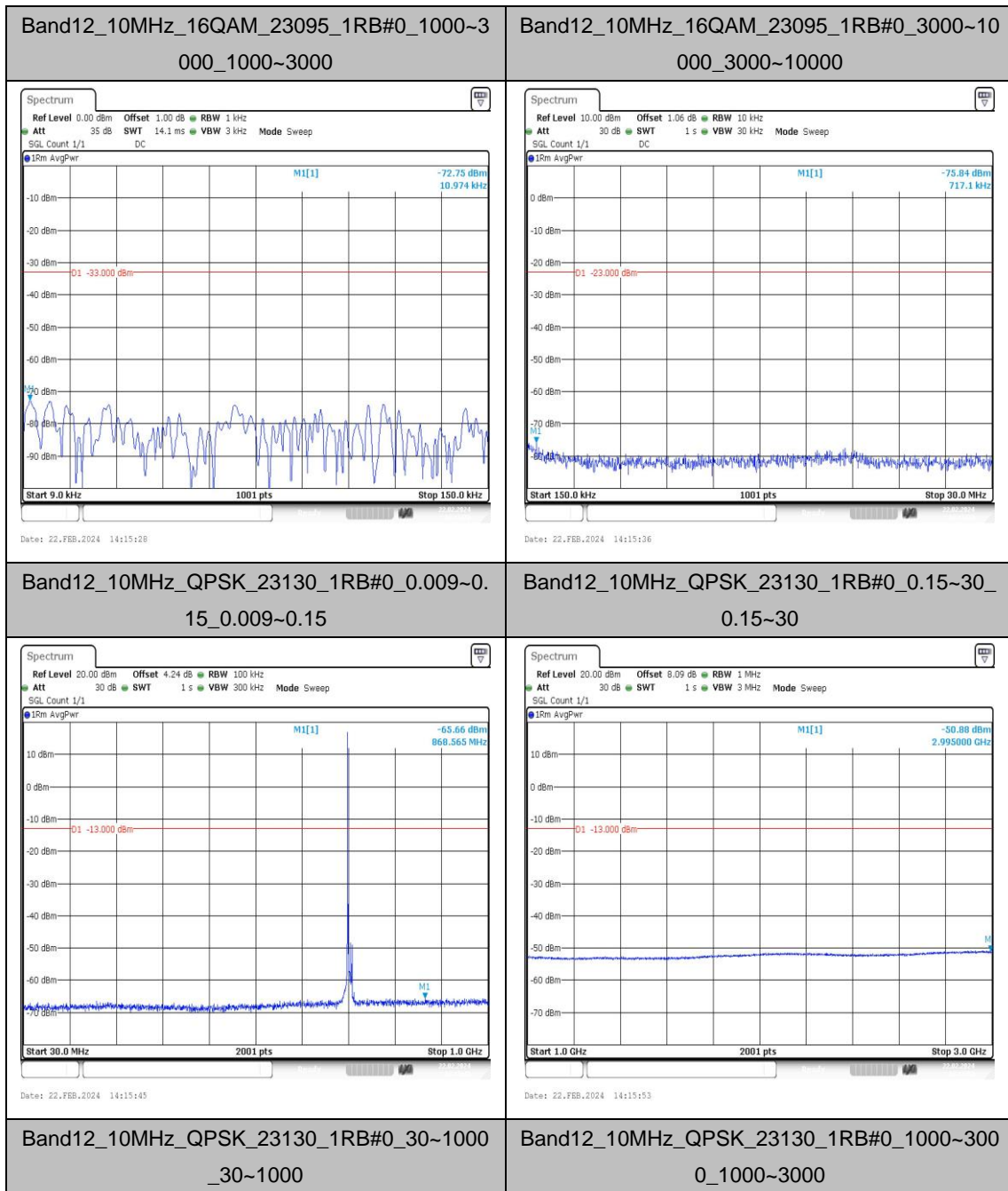


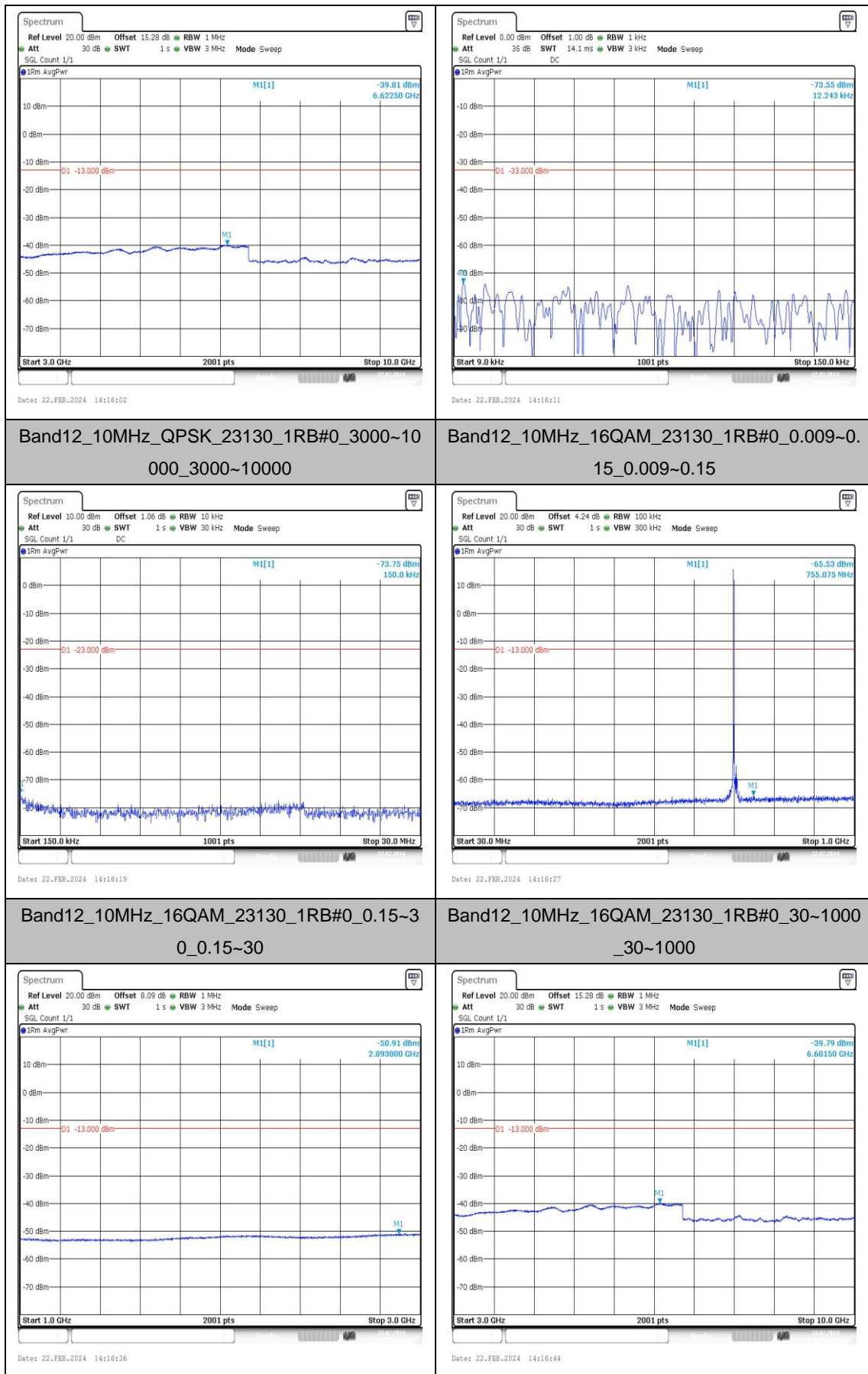












| | |
|--|--|
| Band12_10MHz_16QAM_23130_1RB#0_1000~3000_1000~3000 | Band12_10MHz_16QAM_23130_1RB#0_3000~10000_3000~10000 |
|--|--|

Appendix F: Frequency Stability

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage | | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| | | | | | Voltage [Vdc] | Temperature (°C) | | | | |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | VN | NT | -24.13 | -0.034486 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | VL | NT | -5.76 | -0.008232 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | VH | NT | -5.25 | -0.007503 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | VN | NT | -5.61 | -0.008018 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | VL | NT | -5.71 | -0.008161 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | VH | NT | -5.98 | -0.008547 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | VN | NT | 24.05 | 0.033993 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | VL | NT | 6.17 | 0.008721 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | VH | NT | -4.33 | -0.006120 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | VN | NT | -3.52 | -0.004975 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | VL | NT | -2.93 | -0.004141 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | VH | NT | -3.25 | -0.004594 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | VN | NT | -35.85 | -0.050119 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | VL | NT | -7.95 | -0.011114 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | VH | NT | -6.85 | -0.009576 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | VN | NT | 2.88 | 0.004026 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | VL | NT | 3.15 | 0.004404 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | VH | NT | 2.63 | 0.003677 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | VN | NT | -1.92 | -0.002741 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | VL | NT | -1.76 | -0.002512 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | VH | NT | -2.37 | -0.003383 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | VN | NT | -1.20 | -0.001713 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | VL | NT | -3.00 | -0.004283 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | VH | NT | -1.37 | -0.001956 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | VN | NT | -4.39 | -0.006205 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | VL | NT | -4.39 | -0.006205 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | VH | NT | -5.08 | -0.007180 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | VN | NT | -2.35 | -0.003322 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | VL | NT | -2.90 | -0.004099 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | VH | NT | -2.27 | -0.003208 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | VN | NT | -3.79 | -0.005304 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | VL | NT | -3.60 | -0.005038 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | VH | NT | -2.69 | -0.003765 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | VN | NT | -1.97 | -0.002757 | ±2.5 | PASS |

| | | | | | | | | | | |
|--------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | VL | NT | -2.46 | -0.003443 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | VH | NT | -2.25 | -0.003149 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | VN | NT | -2.19 | -0.003122 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | VL | NT | -2.70 | -0.003849 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | VH | NT | -1.19 | -0.001696 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | VN | NT | -2.50 | -0.003564 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | VL | NT | -3.00 | -0.004277 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | VH | NT | -2.78 | -0.003963 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | VN | NT | -5.29 | -0.007477 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | VL | NT | -5.76 | -0.008141 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | VH | NT | -5.05 | -0.007138 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | VN | NT | -3.60 | -0.005088 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | VL | NT | -2.49 | -0.003519 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | VH | NT | -3.22 | -0.004551 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | VN | NT | -2.89 | -0.004050 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | VL | NT | -2.42 | -0.003392 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | VH | NT | -2.40 | -0.003364 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | VN | NT | 1.30 | 0.001822 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | VL | NT | 1.32 | 0.001850 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | VH | NT | 1.36 | 0.001906 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VN | NT | 3.05 | 0.004332 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VL | NT | 2.27 | 0.003224 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VH | NT | 2.00 | 0.002841 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VN | NT | 3.26 | 0.004631 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VL | NT | 2.76 | 0.003920 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VH | NT | 2.50 | 0.003551 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VN | NT | -4.62 | -0.006530 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VL | NT | -4.38 | -0.006191 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VH | NT | -4.76 | -0.006728 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VN | NT | -3.83 | -0.005413 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VL | NT | -3.72 | -0.005258 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VH | NT | -3.13 | -0.004424 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VN | NT | -6.37 | -0.008959 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VL | NT | -5.71 | -0.008031 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VH | NT | -5.45 | -0.007665 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VN | NT | -4.21 | -0.005921 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VL | NT | -3.02 | -0.004248 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VH | NT | -2.63 | -0.003699 | ±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 | -5.87 | -0.008389 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | -20 | -5.55 | -0.007932 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | -10 | -5.42 | -0.007746 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 0 | -5.56 | -0.007946 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 10 | -5.58 | -0.007975 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 20 | -5.74 | -0.008204 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 30 | -5.58 | -0.007975 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 40 | -5.98 | -0.008547 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 50 | -5.28 | -0.007546 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | -30 | -6.11 | -0.008732 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | -20 | -6.52 | -0.009318 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | -10 | -5.64 | -0.008061 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 0 | -5.64 | -0.008061 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 10 | -5.56 | -0.007946 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 20 | -5.31 | -0.007589 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 30 | -5.04 | -0.007203 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 40 | -5.44 | -0.007775 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 50 | -3.99 | -0.005702 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | -30 | -4.42 | -0.006247 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | -20 | -4.01 | -0.005668 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | -10 | -4.12 | -0.005823 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 0 | -4.03 | -0.005696 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 10 | -4.16 | -0.005880 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 20 | -3.49 | -0.004933 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 30 | -3.12 | -0.004410 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 40 | -3.63 | -0.005131 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 50 | -3.15 | -0.004452 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | -30 | -2.43 | -0.003435 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | -20 | -1.83 | -0.002587 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | -10 | -1.77 | -0.002502 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 0 | 1.89 | 0.002671 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 10 | 1.44 | 0.002035 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 20 | 1.54 | 0.002177 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 30 | 2.16 | 0.003053 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 40 | 2.15 | 0.003039 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 50 | 3.56 | 0.005032 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | -30 | 3.40 | 0.004753 | ±2.5 | PASS |

| | | | | | | | | | | |
|--------|--------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | -20 | 3.20 | 0.004474 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | -10 | 2.83 | 0.003956 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 0 | 2.66 | 0.003719 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 10 | 2.90 | 0.004054 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 20 | 3.19 | 0.004460 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 30 | 2.50 | 0.003495 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 40 | 3.50 | 0.004893 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 50 | 3.00 | 0.004194 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | -30 | 2.65 | 0.003705 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | -20 | 3.62 | 0.005061 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | -10 | 2.96 | 0.004138 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 0 | 3.89 | 0.005438 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 10 | 3.50 | 0.004893 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 20 | 3.58 | 0.005005 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 30 | 4.55 | 0.006361 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 40 | -6.29 | -0.008794 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 50 | -5.62 | -0.007857 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | -30 | -1.66 | -0.002370 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | -20 | -1.53 | -0.002184 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | -10 | -2.13 | -0.003041 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 0 | -1.52 | -0.002170 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 10 | -2.43 | -0.003469 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 20 | -1.67 | -0.002384 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 30 | -2.59 | -0.003697 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 40 | -2.47 | -0.003526 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 50 | -2.39 | -0.003412 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | -30 | 1.70 | 0.002427 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | -20 | -1.57 | -0.002241 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | -10 | -1.22 | -0.001742 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 0 | 1.14 | 0.001627 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 10 | -1.22 | -0.001742 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 20 | 1.44 | 0.002056 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 30 | -1.37 | -0.001956 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 40 | 1.95 | 0.002784 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 50 | 2.03 | 0.002898 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | -30 | -3.48 | -0.004919 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | -20 | -3.65 | -0.005159 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | -10 | -3.35 | -0.004735 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 0 | -5.05 | -0.007138 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 10 | -3.76 | -0.005314 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 20 | -4.21 | -0.005951 | ±2.5 | PASS |

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|--------|------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 30 | -2.90 | -0.004099 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 40 | -2.99 | -0.004226 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 50 | -3.20 | -0.004523 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -30 | -2.03 | -0.002869 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -20 | -1.47 | -0.002078 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -10 | -1.59 | -0.002247 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 0 | -1.56 | -0.002205 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 10 | 1.89 | 0.002671 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 20 | 2.20 | 0.003110 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 30 | 1.95 | 0.002756 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 40 | 3.09 | 0.004367 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 50 | 3.32 | 0.004693 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | -30 | -2.57 | -0.003597 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | -20 | -2.53 | -0.003541 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | -10 | -2.59 | -0.003625 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 0 | -2.25 | -0.003149 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 10 | -2.27 | -0.003177 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 20 | -2.69 | -0.003765 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 30 | -2.05 | -0.002869 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 40 | -3.30 | -0.004619 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 50 | -2.55 | -0.003569 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -30 | -1.70 | -0.002379 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -20 | -1.32 | -0.001847 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -10 | 1.19 | 0.001666 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 0 | 1.23 | 0.001721 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 10 | 0.97 | 0.001358 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 20 | 2.06 | 0.002883 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 30 | 2.06 | 0.002883 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 40 | 2.32 | 0.003247 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 50 | 3.12 | 0.004367 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | -30 | -1.60 | -0.002281 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | -20 | -2.13 | -0.003036 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | -10 | -2.03 | -0.002894 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 0 | -2.46 | -0.003507 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 10 | -1.59 | -0.002267 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 20 | -2.12 | -0.003022 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 30 | -2.57 | -0.003664 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 40 | -2.52 | -0.003592 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 50 | -3.43 | -0.004890 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -30 | -2.03 | -0.002894 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -20 | -2.16 | -0.003079 | ±2.5 | PASS |

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|--------|------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -10 | -2.29 | -0.003264 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 0 | -2.02 | -0.002880 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 10 | -2.88 | -0.004105 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 20 | -1.87 | -0.002666 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 30 | -1.86 | -0.002651 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 40 | 2.43 | 0.003464 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 50 | 0.84 | 0.001197 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | -30 | -4.19 | -0.005922 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | -20 | -4.32 | -0.006106 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | -10 | -4.48 | -0.006332 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 0 | -4.08 | -0.005767 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 10 | -4.45 | -0.006290 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 20 | -3.79 | -0.005357 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 30 | -3.49 | -0.004933 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 40 | -4.31 | -0.006092 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 50 | -3.89 | -0.005498 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | -30 | -2.57 | -0.003633 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | -20 | -2.32 | -0.003279 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | -10 | -3.25 | -0.004594 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 0 | -1.27 | -0.001795 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 10 | 1.40 | 0.001979 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 20 | 1.20 | 0.001696 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 30 | 1.14 | 0.001611 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 40 | 1.70 | 0.002403 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 50 | 2.42 | 0.003420 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | -30 | -2.40 | -0.003364 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | -20 | -1.33 | -0.001864 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | -10 | -1.33 | -0.001864 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 0 | -1.75 | -0.002453 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 10 | -1.20 | -0.001682 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 20 | 1.26 | 0.001766 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 30 | 0.73 | 0.001023 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 40 | 1.39 | 0.001948 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 50 | 1.32 | 0.001850 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | -30 | 2.83 | 0.003966 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | -20 | 2.85 | 0.003994 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | -10 | 3.03 | 0.004247 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 0 | 3.72 | 0.005214 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 10 | 4.39 | 0.006153 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 20 | 6.08 | 0.008521 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 30 | 5.69 | 0.007975 | ±2.5 | PASS |

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|--------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 40 | -4.76 | -0.006671 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 50 | -4.98 | -0.006980 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | -30 | 2.75 | 0.003906 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | -20 | 2.13 | 0.003026 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | -10 | 2.39 | 0.003395 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 0 | 2.85 | 0.004048 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 10 | 2.03 | 0.002884 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 20 | 2.30 | 0.003267 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 30 | 2.32 | 0.003295 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 40 | 2.82 | 0.004006 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 50 | 1.99 | 0.002827 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -30 | 3.73 | 0.005298 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -20 | 2.88 | 0.004091 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -10 | 4.43 | 0.006293 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 0 | 2.70 | 0.003835 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 10 | 3.28 | 0.004659 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 20 | 4.22 | 0.005994 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 30 | 4.59 | 0.006520 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 40 | 3.60 | 0.005114 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 50 | -7.64 | -0.010852 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -30 | -4.22 | -0.005965 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -20 | -4.98 | -0.007039 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -10 | -4.35 | -0.006148 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 0 | -4.88 | -0.006898 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 10 | -4.23 | -0.005979 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 20 | -3.60 | -0.005088 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 30 | -3.30 | -0.004664 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 40 | -3.73 | -0.005272 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 50 | -3.60 | -0.005088 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -30 | -4.06 | -0.005739 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -20 | -2.82 | -0.003986 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -10 | -3.16 | -0.004466 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 0 | -2.12 | -0.002996 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 10 | -2.02 | -0.002855 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 20 | 1.53 | 0.002163 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 30 | 1.69 | 0.002389 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 40 | 2.56 | 0.003618 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 50 | 2.89 | 0.004085 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | -30 | -5.05 | -0.007103 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | -20 | -3.99 | -0.005612 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | -10 | -5.02 | -0.007060 | ±2.5 | PASS |

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|--------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 0 | -4.19 | -0.005893 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 10 | -4.29 | -0.006034 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 20 | -4.45 | -0.006259 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 30 | -4.15 | -0.005837 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 40 | -3.65 | -0.005134 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 50 | -3.46 | -0.004866 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -30 | -2.36 | -0.003319 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -20 | -2.36 | -0.003319 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -10 | 2.23 | 0.003136 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 0 | 2.49 | 0.003502 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 10 | 3.79 | 0.005331 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 20 | 2.50 | 0.003516 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 30 | 2.63 | 0.003699 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 40 | 3.42 | 0.004810 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 50 | -7.04 | -0.009902 | ±2.5 | PASS |