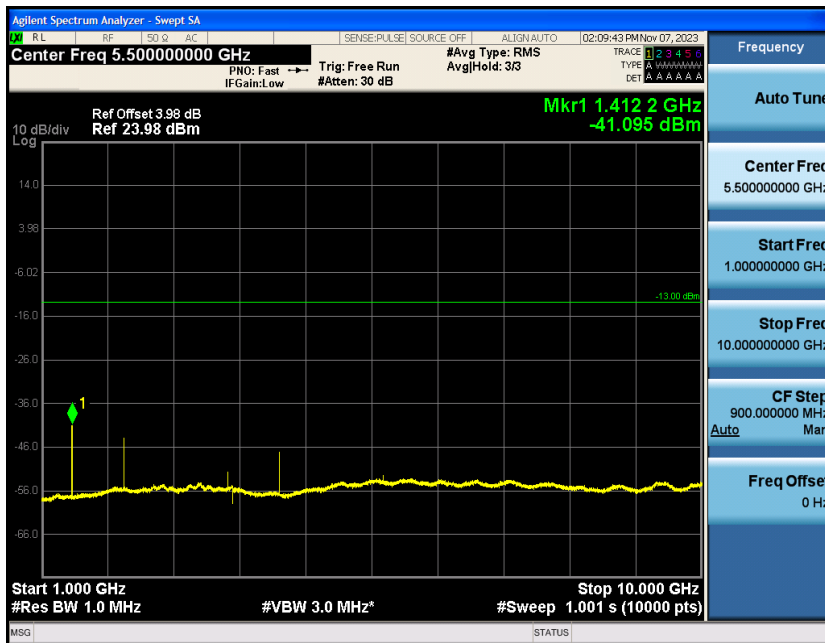
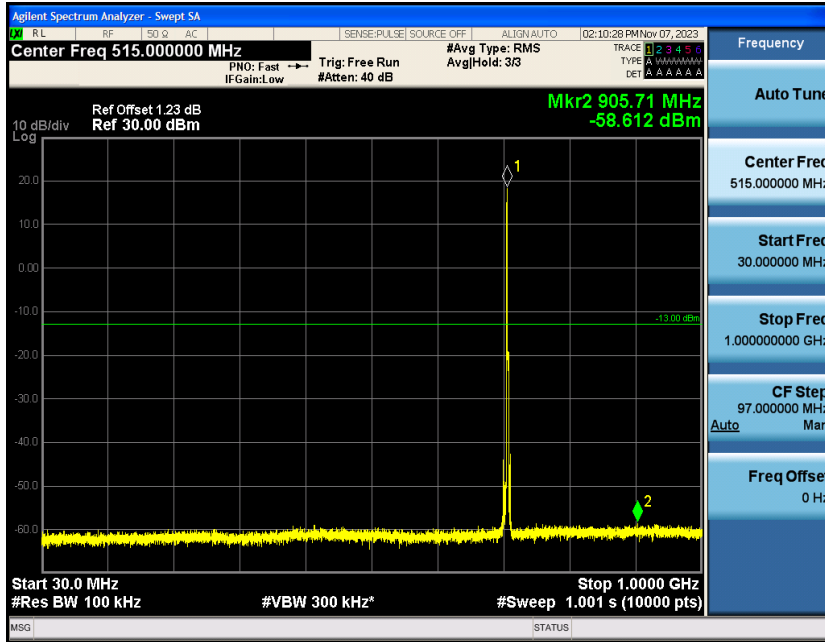


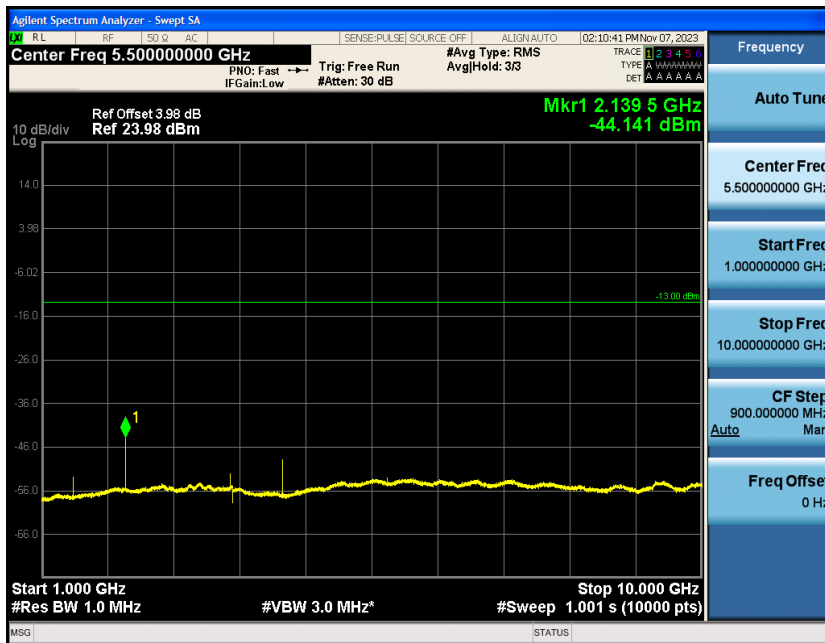
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



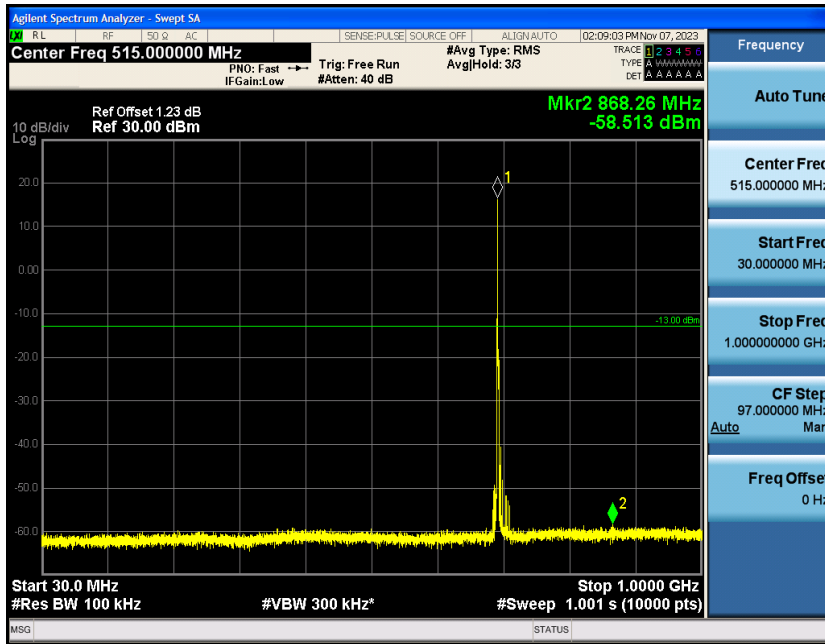
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



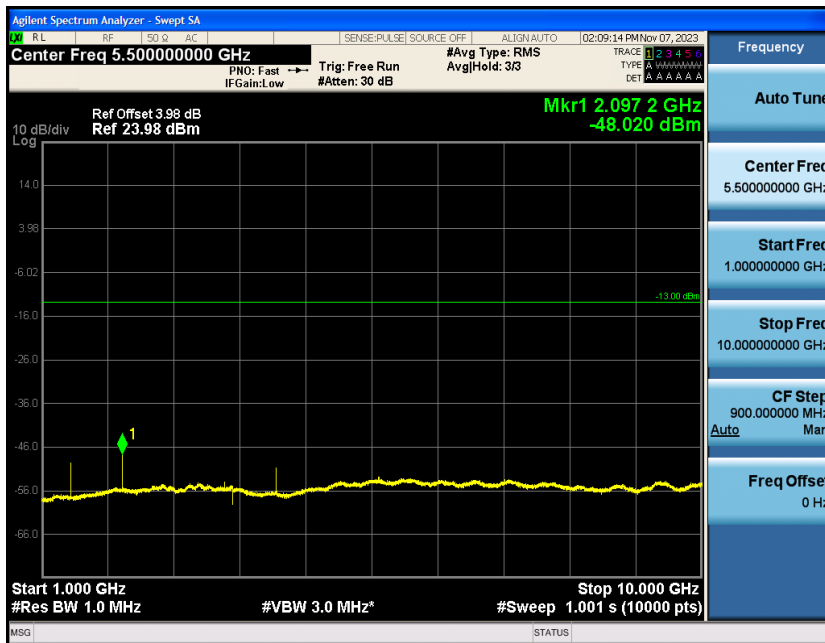
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



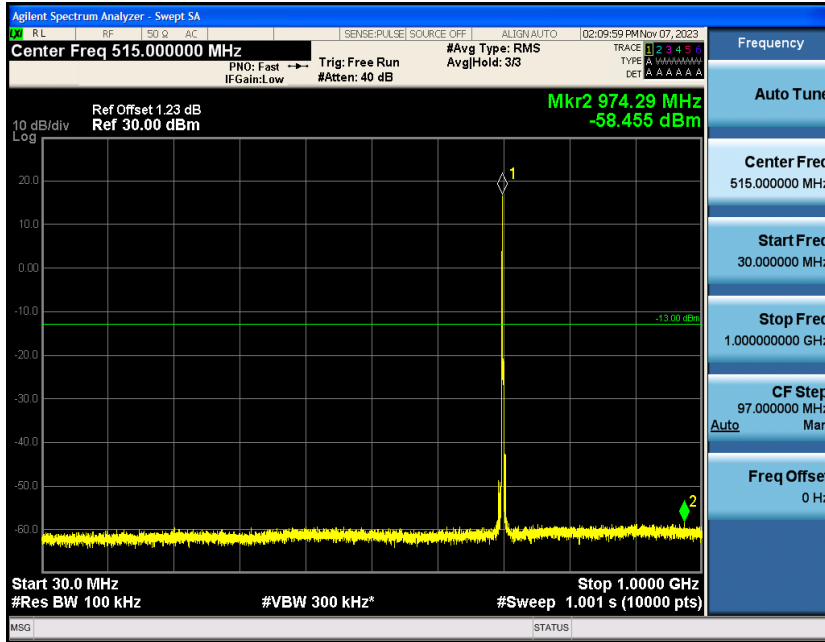
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



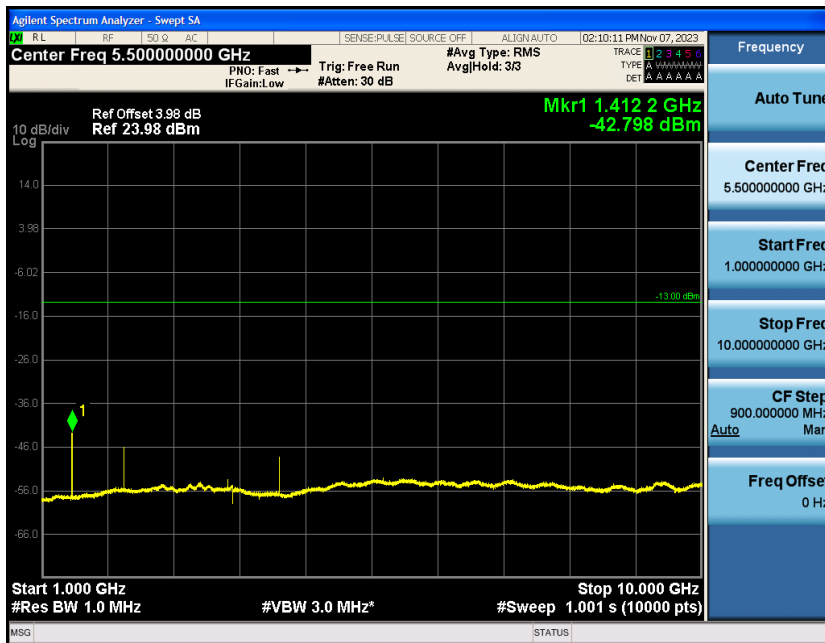
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



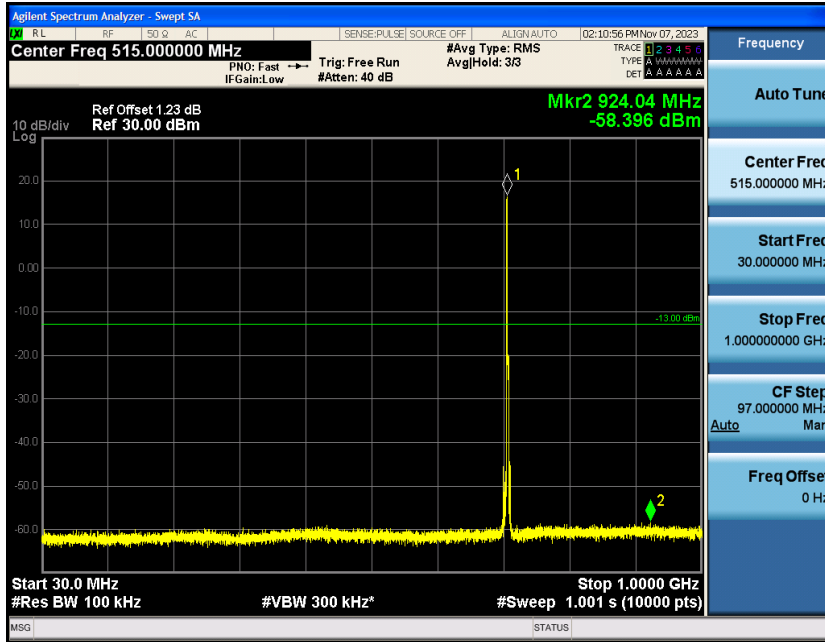
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



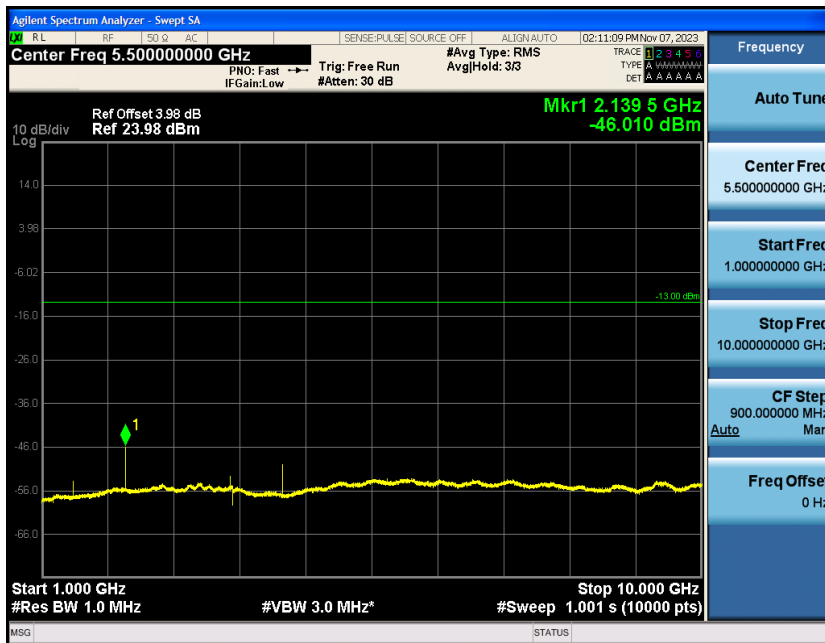
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



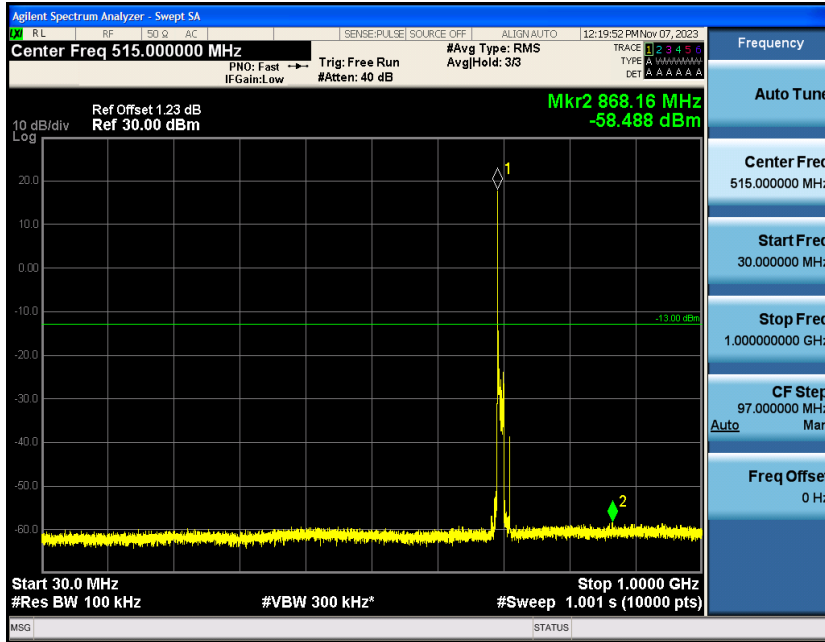
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



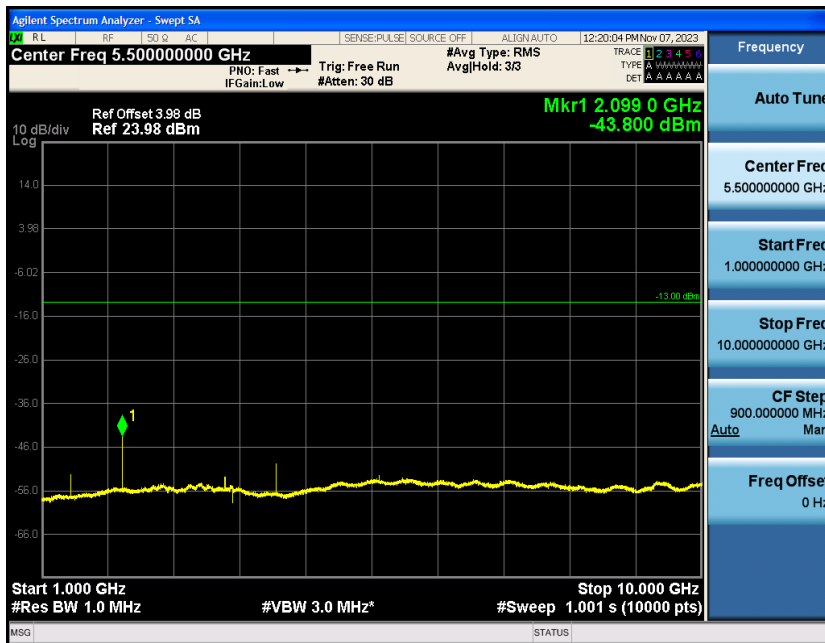
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



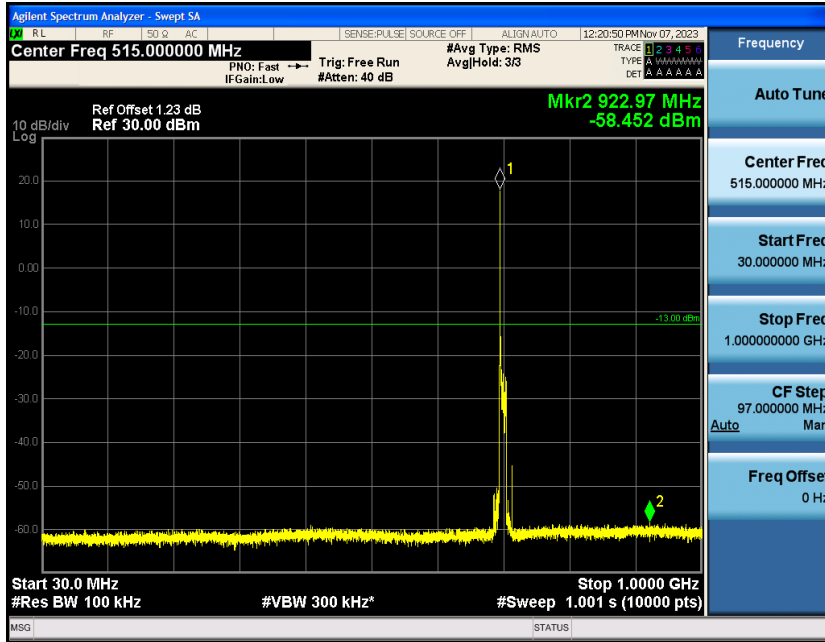
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



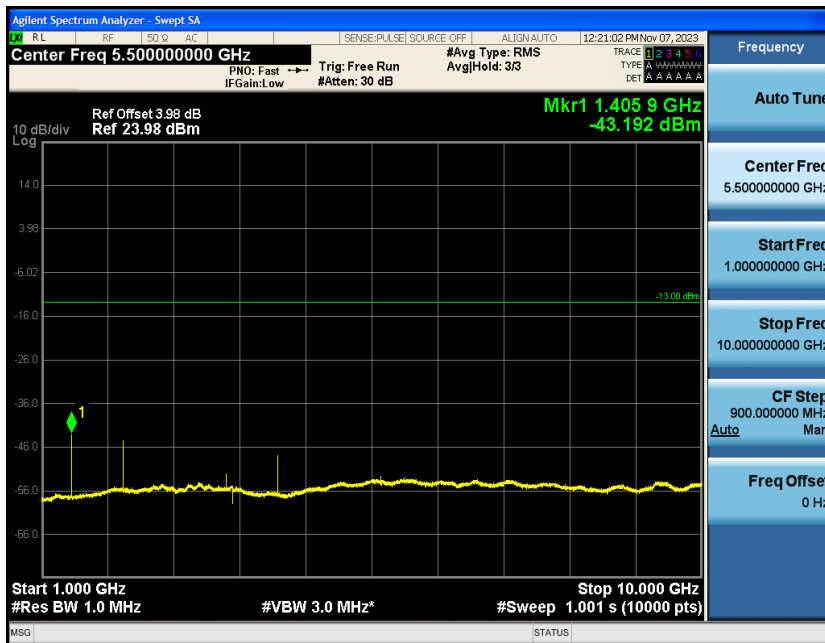
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



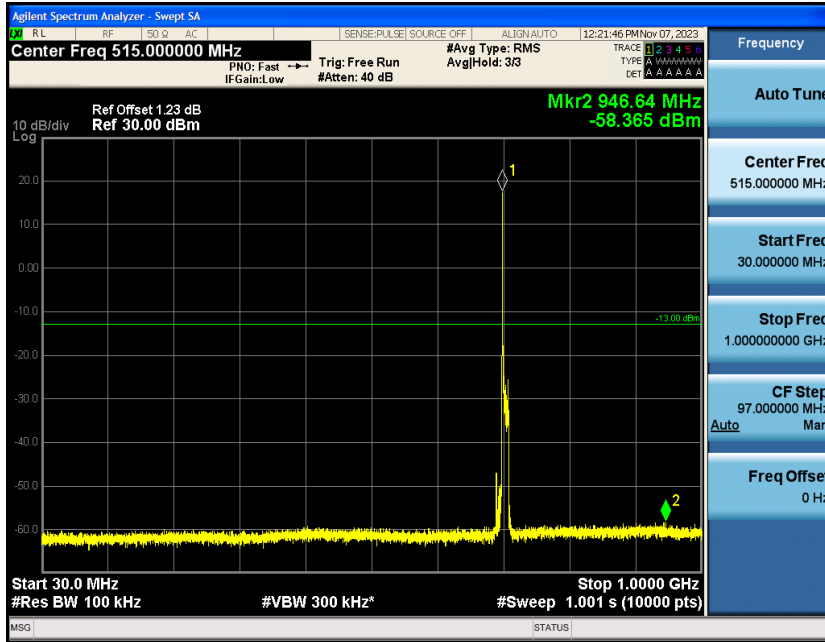
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



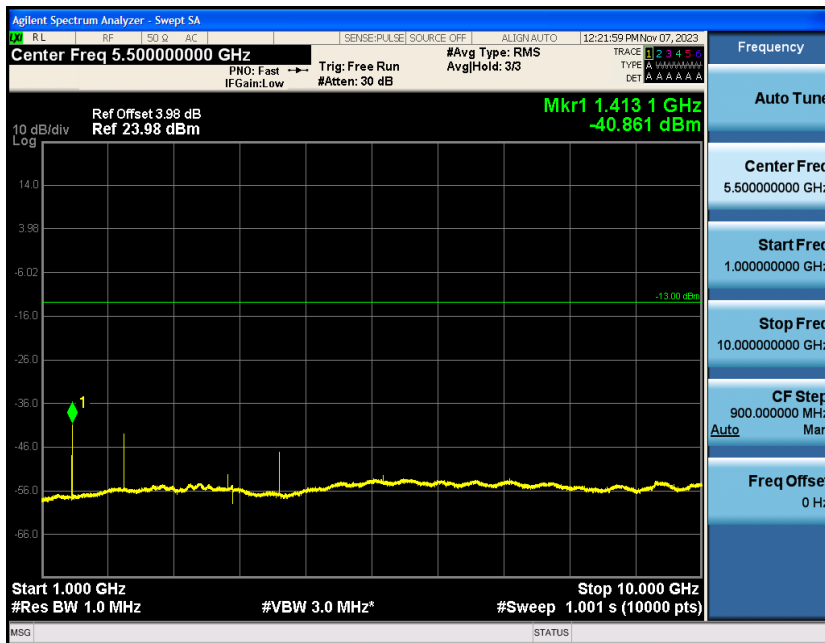
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



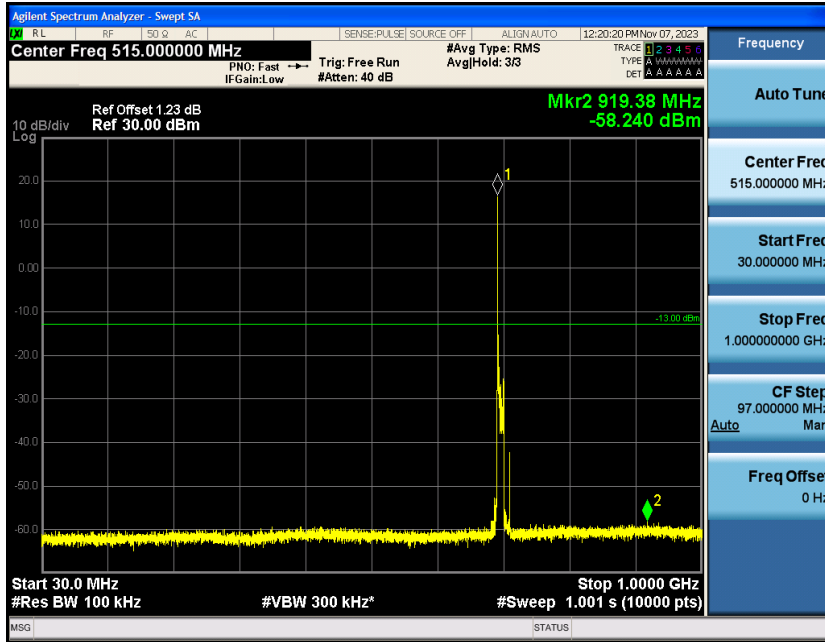
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



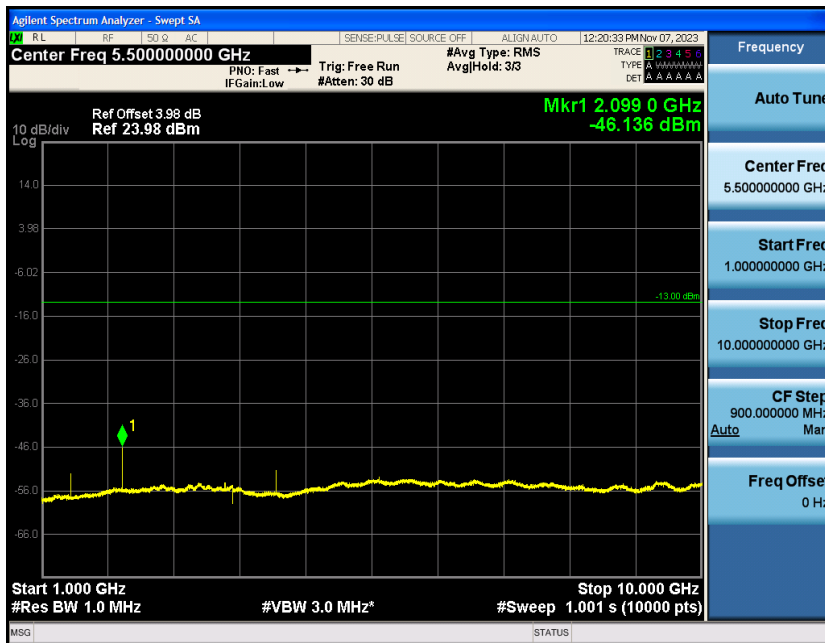
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



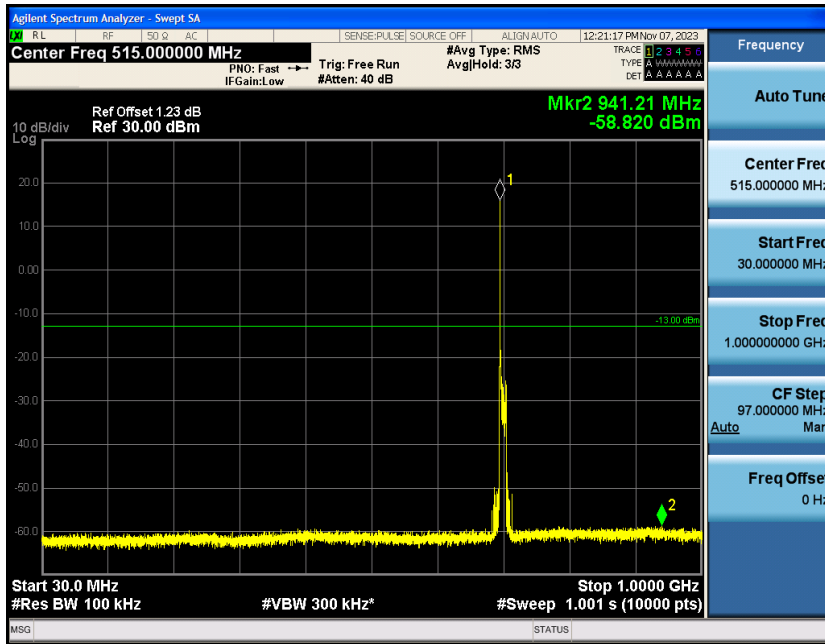
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



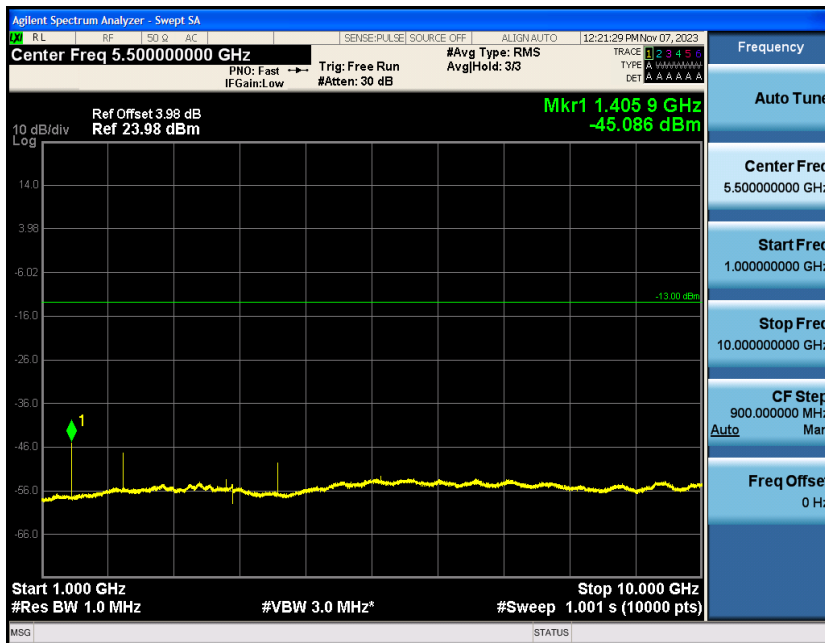
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



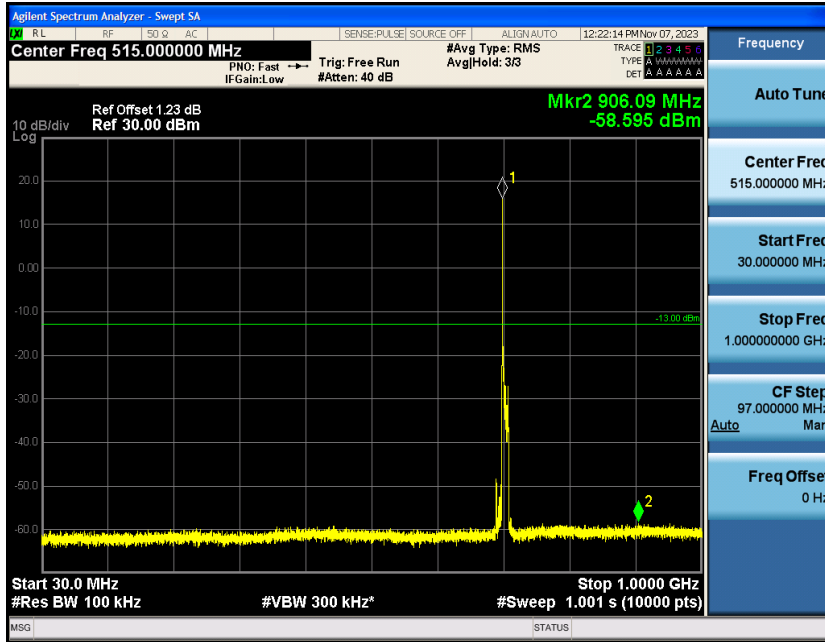
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



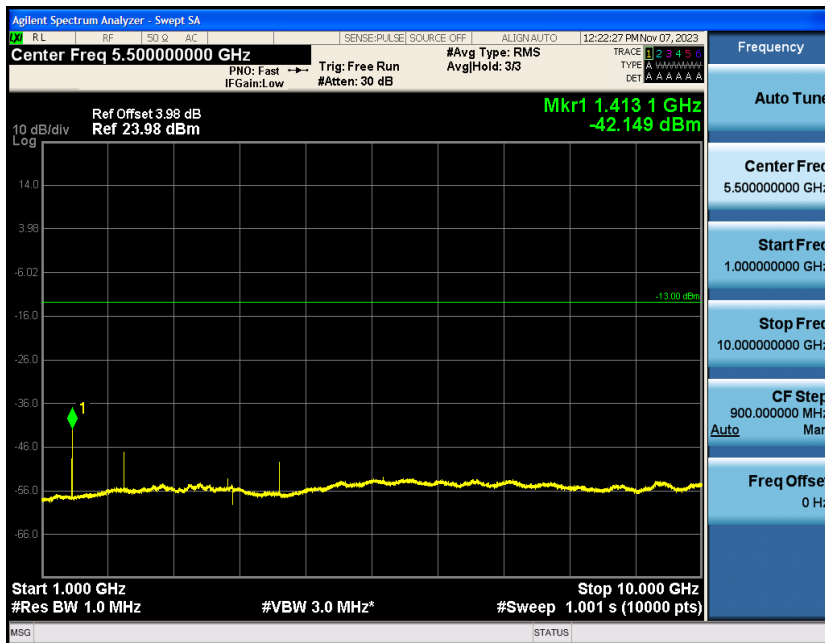
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz



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 | VL | NT | -4.75 | -0.006789 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | VN | NT | -9.00 | -0.012863 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | VH | NT | -9.16 | -0.013091 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | VL | NT | -4.81 | -0.006799 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | VN | NT | 2.79 | 0.003943 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | VH | NT | -4.28 | -0.006049 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | VL | NT | -9.61 | -0.013435 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | VN | NT | -5.72 | -0.007997 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | VH | NT | -11.94 | -0.016692 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | VL | NT | -8.30 | -0.011862 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | VN | NT | 2.90 | 0.004145 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | VH | NT | -15.19 | -0.021709 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | VL | NT | -23.92 | -0.033809 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | VN | NT | -21.60 | -0.030530 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | VH | NT | -28.18 | -0.039830 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | VL | NT | -27.45 | -0.038376 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | VN | NT | -26.26 | -0.036712 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | VH | NT | -29.88 | -0.041773 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | VL | NT | 5.11 | 0.007295 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | VN | NT | -2.23 | -0.003183 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | VH | NT | -6.54 | -0.009336 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | VL | NT | -2.03 | -0.002869 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | VN | NT | 1.76 | 0.002488 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | VH | NT | 4.23 | 0.005979 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | VL | NT | 3.06 | 0.004283 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | VN | NT | 2.56 | 0.003583 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | VH | NT | 2.89 | 0.004045 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | VL | NT | -4.78 | -0.006824 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | VN | NT | 4.35 | 0.006210 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | VH | NT | -7.25 | -0.010350 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | VL | NT | -6.25 | -0.008834 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | VN | NT | -5.56 | -0.007859 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | VH | NT | -6.12 | -0.008650 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | VL | NT | -9.88 | -0.013828 | ±2.5 | PASS |

| | | | | | | | | | | |
|--------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | VN | NT | -9.91 | -0.013870 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | VH | NT | -11.07 | -0.015493 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | VL | NT | -7.72 | -0.011005 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | VN | NT | -6.27 | -0.008938 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | VH | NT | -13.76 | -0.019615 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | VL | NT | 11.56 | 0.016339 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | VN | NT | 10.81 | 0.015279 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | VH | NT | 10.16 | 0.014360 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | VL | NT | 3.52 | 0.004933 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | VN | NT | -1.83 | -0.002565 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | VH | NT | 3.55 | 0.004975 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | VL | NT | -13.23 | -0.018860 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | VN | NT | -7.85 | -0.011190 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | VH | NT | -14.26 | -0.020328 | ±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 | -3.32 | -0.004693 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | VH | NT | 2.98 | 0.004212 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | VL | NT | -4.01 | -0.005620 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | VN | NT | -7.45 | -0.010441 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | VH | NT | -2.12 | -0.002971 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VL | NT | 11.69 | 0.016605 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VN | NT | -2.10 | -0.002983 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VH | NT | 21.17 | 0.030071 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VL | NT | 10.89 | 0.015392 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VN | NT | 5.52 | 0.007802 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VH | NT | 15.34 | 0.021682 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VL | NT | 8.14 | 0.011449 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VN | NT | 3.89 | 0.005471 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VH | NT | 11.99 | 0.016864 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VL | NT | 8.97 | 0.012741 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VN | NT | 7.18 | 0.010199 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VH | NT | 19.77 | 0.028082 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VL | NT | 34.29 | 0.048466 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VN | NT | 30.83 | 0.043576 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VH | NT | 39.84 | 0.056311 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VL | NT | 24.76 | 0.034824 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VN | NT | 24.22 | 0.034065 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VH | NT | 29.08 | 0.040900 | ±2.5 | PASS |

| Temperature | | | | | | | | | | |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | -30 | -16.05 | -0.022938 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | -20 | -22.75 | -0.032514 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 0 | -32.84 | -0.046934 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 10 | -39.42 | -0.056338 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | NV | 20 | -49.61 | -0.070902 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | -30 | -6.97 | -0.009852 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | -20 | -9.21 | -0.013018 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 0 | -13.35 | -0.018869 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 10 | -15.64 | -0.022106 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | NV | 20 | -18.47 | -0.026106 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | -30 | -12.67 | -0.017713 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | -20 | -14.51 | -0.020285 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 0 | -18.34 | -0.025640 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 10 | -19.31 | -0.026996 | ±2.5 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | NV | 20 | -22.75 | -0.031805 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | -30 | -21.87 | -0.031256 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | -20 | -27.28 | -0.038988 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 0 | -31.49 | -0.045005 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 10 | -35.73 | -0.051065 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | NV | 20 | -40.34 | -0.057653 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | -30 | -29.20 | -0.041272 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | -20 | -32.20 | -0.045512 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 0 | -33.12 | -0.046813 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 10 | -33.99 | -0.048042 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | NV | 20 | -35.53 | -0.050219 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | -30 | -31.89 | -0.044583 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | -20 | -34.39 | -0.048078 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 0 | -35.93 | -0.050231 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 10 | -39.18 | -0.054774 | ±2.5 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | NV | 20 | -41.67 | -0.058255 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | -30 | -19.10 | -0.027266 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | -20 | -28.91 | -0.041271 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 0 | -34.15 | -0.048751 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 10 | -39.75 | -0.056745 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | NV | 20 | -49.88 | -0.071206 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | -30 | -7.30 | -0.010318 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | -20 | -7.91 | -0.011180 | ±2.5 | PASS |

| | | | | | | | | | | |
|--------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 0 | -5.55 | -0.007845 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 10 | -4.96 | -0.007011 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | NV | 20 | -3.82 | -0.005399 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | -30 | -8.23 | -0.011519 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | -20 | -10.54 | -0.014752 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 0 | -12.36 | -0.017299 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 10 | -10.26 | -0.014360 | ±2.5 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | NV | 20 | -9.18 | -0.012848 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | -30 | -12.85 | -0.018344 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | -20 | -43.32 | -0.061842 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 0 | -21.44 | -0.030607 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 10 | -35.51 | -0.050692 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | NV | 20 | -46.49 | -0.066367 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -30 | -4.75 | -0.006714 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | -20 | -5.52 | -0.007802 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 0 | -3.20 | -0.004523 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 10 | -6.19 | -0.008749 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | NV | 20 | -7.41 | -0.010473 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -30 | -11.16 | -0.015619 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | -20 | -15.78 | -0.022085 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 0 | -16.37 | -0.022911 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 10 | -16.95 | -0.023723 | ±2.5 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | NV | 20 | -16.69 | -0.023359 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | -30 | -19.87 | -0.028325 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | -20 | -27.97 | -0.039872 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 0 | -37.32 | -0.053200 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 10 | 7.88 | 0.011233 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | NV | 20 | -4.16 | -0.005930 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | -30 | 12.93 | 0.018276 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | -20 | 11.07 | 0.015647 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 0 | 7.11 | 0.010049 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 10 | 9.90 | 0.013993 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | NV | 20 | -3.49 | -0.004933 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | -30 | 5.02 | 0.007036 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | -20 | -4.59 | -0.006433 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 0 | 2.78 | 0.003896 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 10 | 4.55 | 0.006377 | ±2.5 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | NV | 20 | -6.94 | -0.009727 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -30 | -18.15 | -0.025873 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | -20 | -20.06 | -0.028596 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 0 | -23.35 | -0.033286 | ±2.5 | PASS |

| | | | | | | | | | | |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 10 | -25.96 | -0.037006 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | NV | 20 | -27.25 | -0.038845 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | -30 | 5.75 | 0.008127 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | -20 | 6.51 | 0.009201 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 0 | 4.61 | 0.006516 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 10 | 8.35 | 0.011802 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | NV | 20 | 8.01 | 0.011322 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | -30 | -1.67 | -0.002341 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | -20 | 4.62 | 0.006475 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 0 | 5.44 | 0.007624 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 10 | 7.12 | 0.009979 | ±2.5 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | NV | 20 | 8.77 | 0.012292 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | -30 | 31.60 | 0.044886 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | -20 | 38.21 | 0.054276 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 0 | 45.70 | 0.064915 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 10 | -3.50 | -0.004972 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 20 | 5.97 | 0.008480 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -30 | 21.84 | 0.030869 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -20 | 26.66 | 0.037682 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 0 | 29.73 | 0.042021 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 10 | 32.37 | 0.045753 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 20 | 34.19 | 0.048325 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | -30 | 16.45 | 0.023136 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | -20 | 17.88 | 0.025148 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 0 | 22.24 | 0.031280 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 10 | 24.35 | 0.034248 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 20 | 28.48 | 0.040056 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -30 | 26.01 | 0.036946 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -20 | 33.23 | 0.047202 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 0 | 40.10 | 0.056960 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 10 | 44.69 | 0.063480 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 20 | 5.64 | 0.008011 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -30 | 44.33 | 0.062657 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -20 | -8.68 | -0.012269 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 0 | -2.39 | -0.003378 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 10 | 6.31 | 0.008919 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 20 | 9.83 | 0.013894 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -30 | 32.80 | 0.046132 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -20 | 37.06 | 0.052124 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 0 | 41.10 | 0.057806 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 10 | 44.95 | 0.063221 | ±2.5 | PASS |



| | | | | | | | | | | |
|--------|-------|-------|-------|--------|----|----|-------|----------|------|------|
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 20 | 47.01 | 0.066118 | ±2.5 | PASS |
|--------|-------|-------|-------|--------|----|----|-------|----------|------|------|

Appendix G: Modulation Characteristics

Test Result

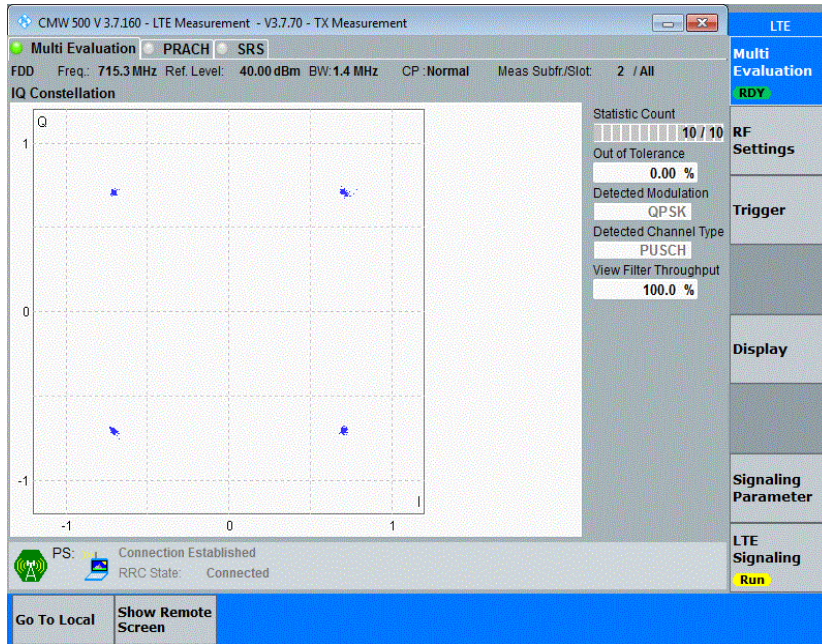
| Band | Channel | Result | Verdict |
|--------|---------|--------|---------|
| Band12 | 23017 | PASS | PASS |
| Band12 | 23095 | PASS | PASS |
| Band12 | 23173 | PASS | PASS |
| Band12 | 23017 | PASS | PASS |
| Band12 | 23095 | PASS | PASS |
| Band12 | 23173 | PASS | PASS |
| Band12 | 23025 | PASS | PASS |
| Band12 | 23095 | PASS | PASS |
| Band12 | 23165 | PASS | PASS |
| Band12 | 23025 | PASS | PASS |
| Band12 | 23095 | PASS | PASS |
| Band12 | 23165 | PASS | PASS |
| Band12 | 23035 | PASS | PASS |
| Band12 | 23095 | PASS | PASS |
| Band12 | 23155 | PASS | PASS |
| Band12 | 23035 | PASS | PASS |
| Band12 | 23095 | PASS | PASS |
| Band12 | 23155 | PASS | PASS |
| Band12 | 23060 | PASS | PASS |
| Band12 | 23095 | PASS | PASS |
| Band12 | 23130 | PASS | PASS |
| Band12 | 23060 | PASS | PASS |
| Band12 | 23095 | PASS | PASS |
| Band12 | 23130 | PASS | PASS |

Test Graphs

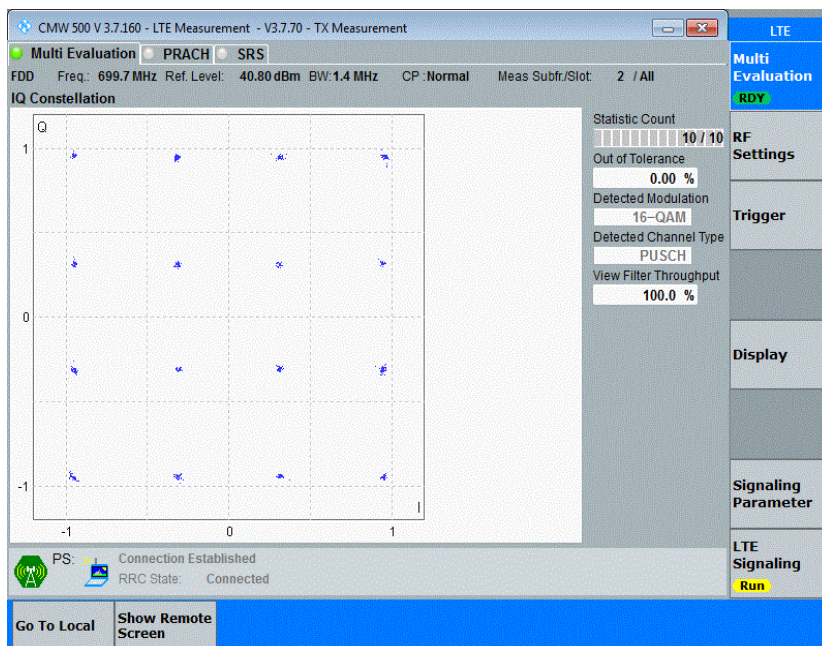
Band12-1.4MHz-QPSK-23017-6RB#0

Band12-1.4MHz-QPSK-23095-6RB#0

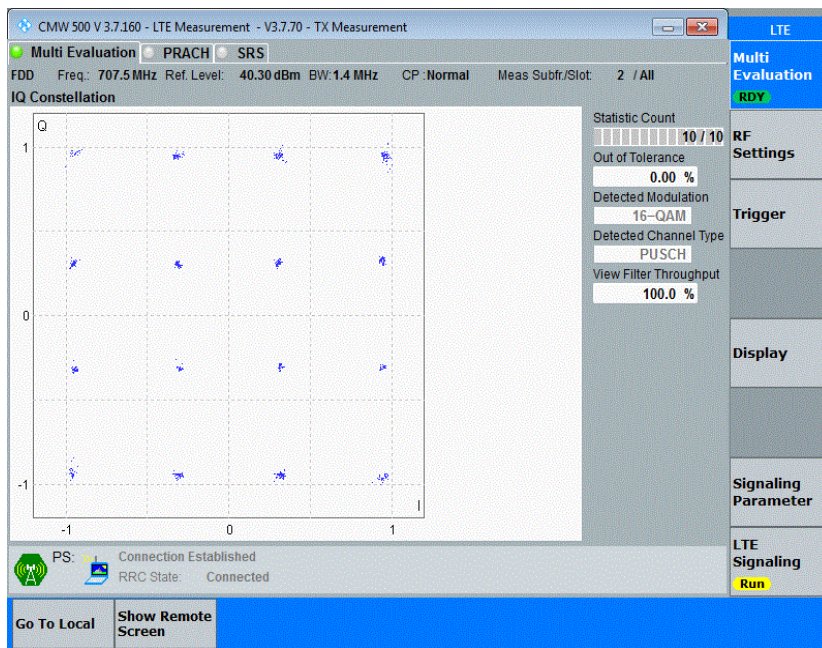
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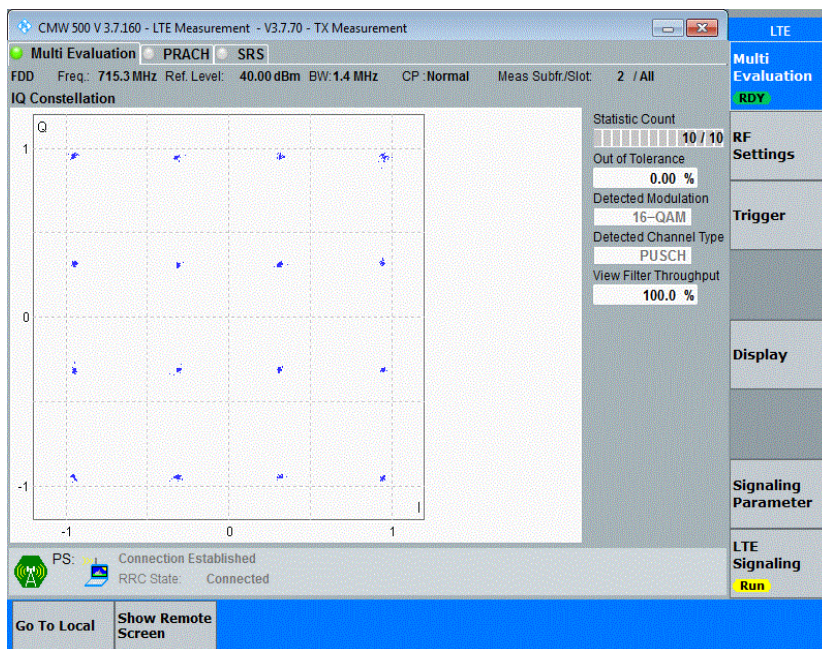
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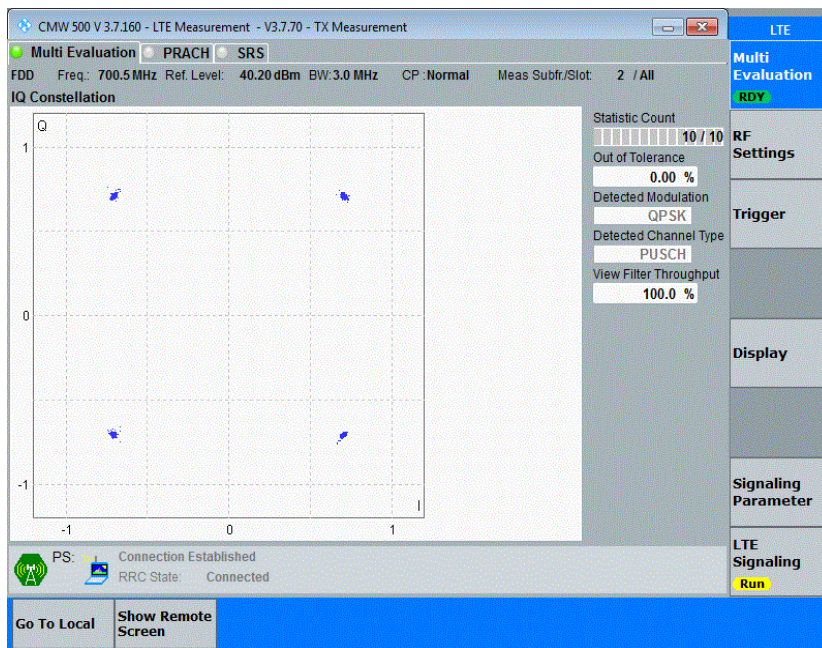
Band12-1.4MHz-16QAM-23095-6RB#0



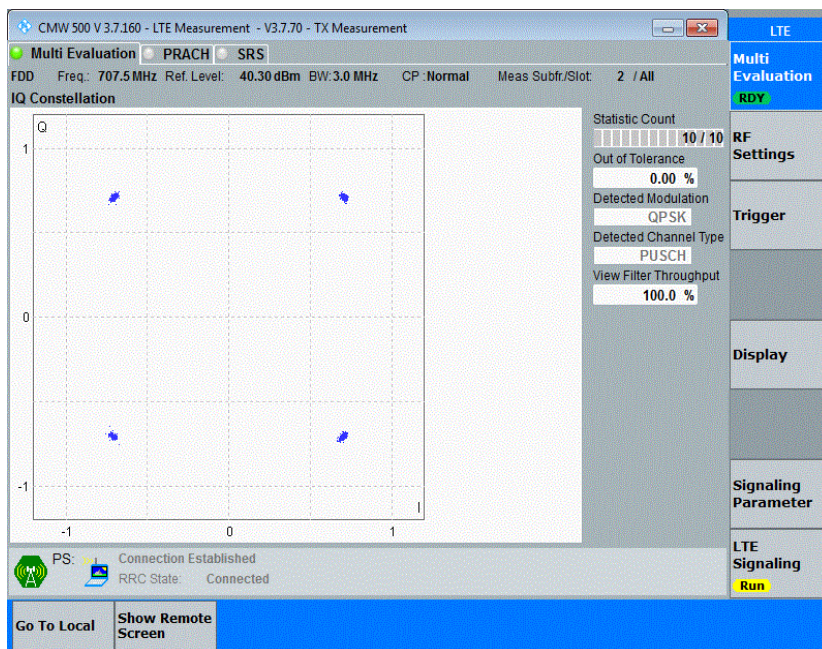
Band12-1.4MHz-16QAM-23173-6RB#0



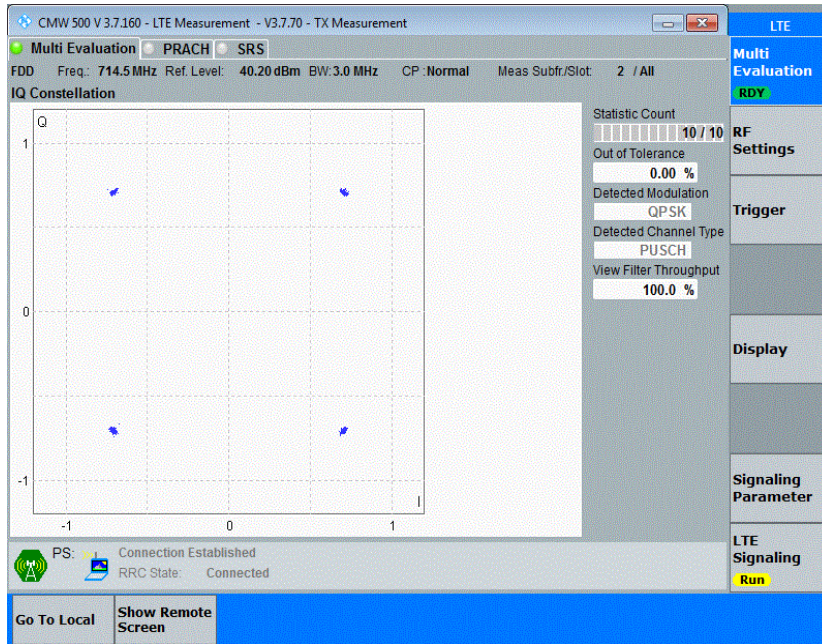
Band12-3MHz-QPSK-23025-15RB#0



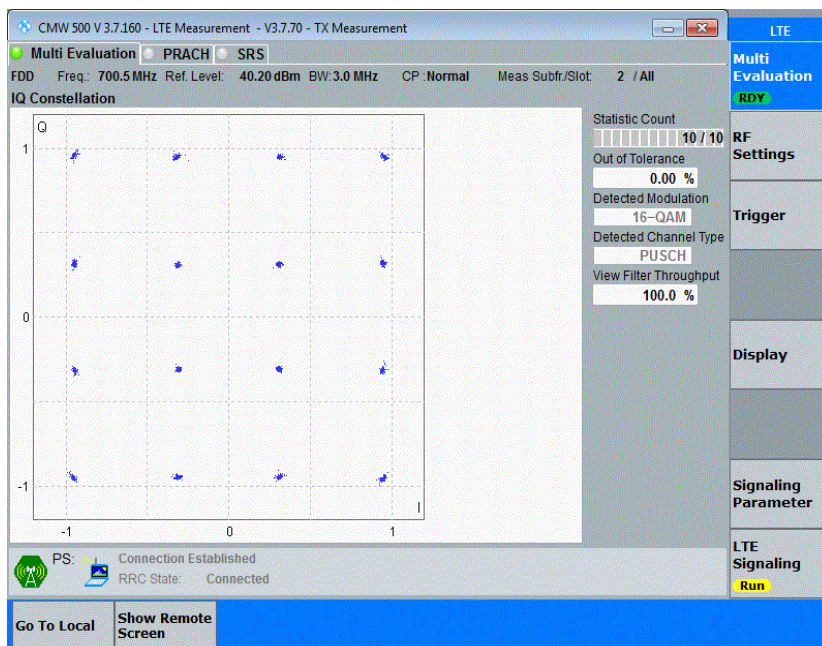
Band12-3MHz-QPSK-23095-15RB#0



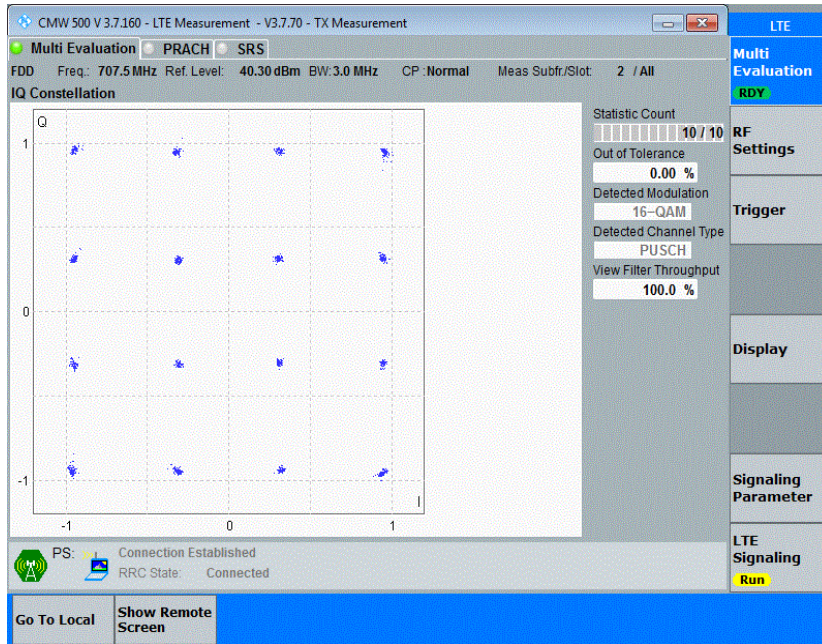
Band12-3MHz-QPSK-23165-15RB#0



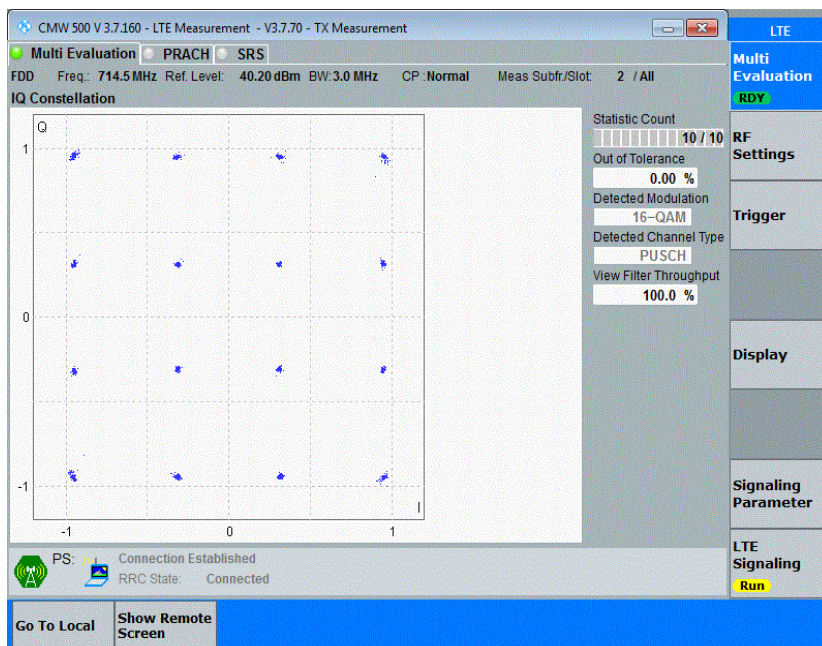
Band12-3MHz-16QAM-23025-15RB#0



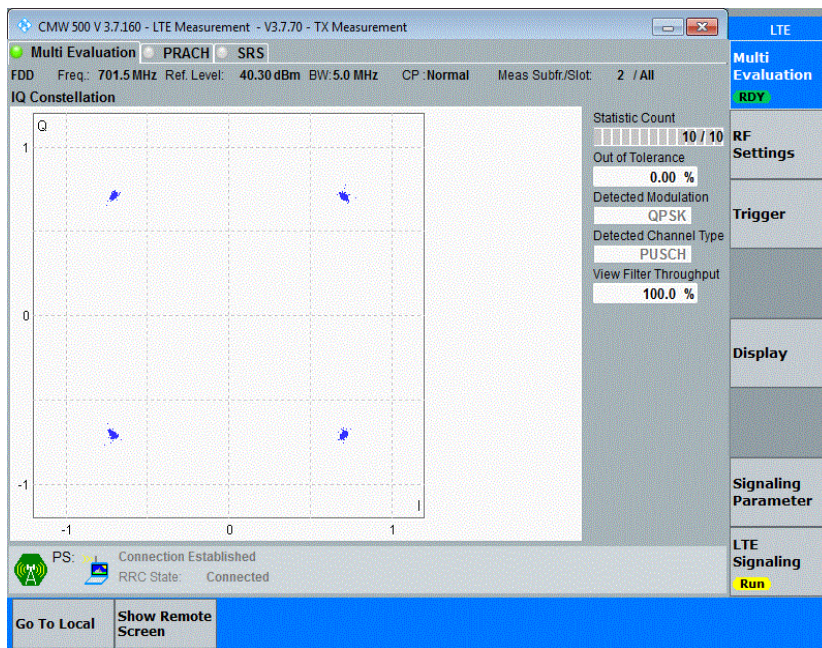
Band12-3MHz-16QAM-23095-15RB#0



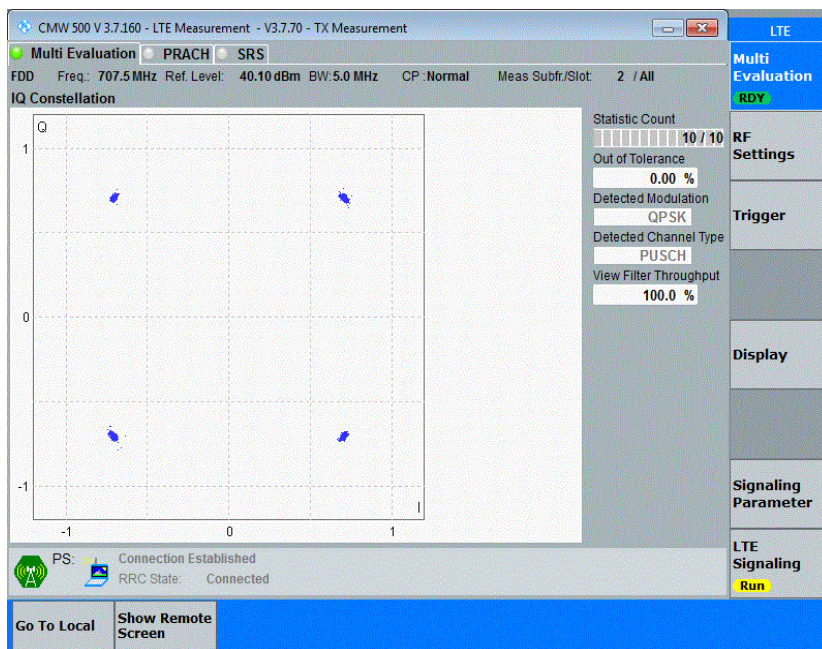
Band12-3MHz-16QAM-23165-15RB#0



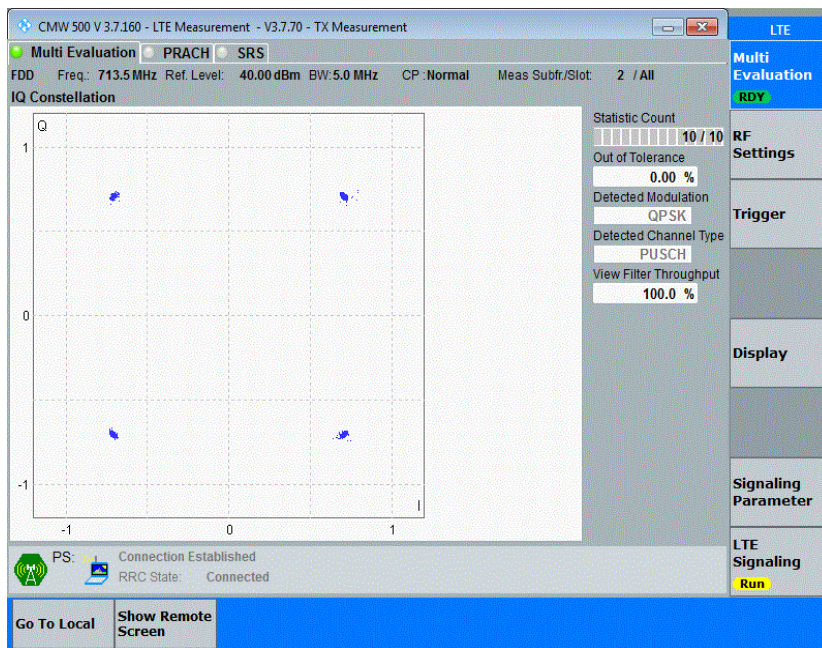
Band12-5MHz-QPSK-23035-25RB#0



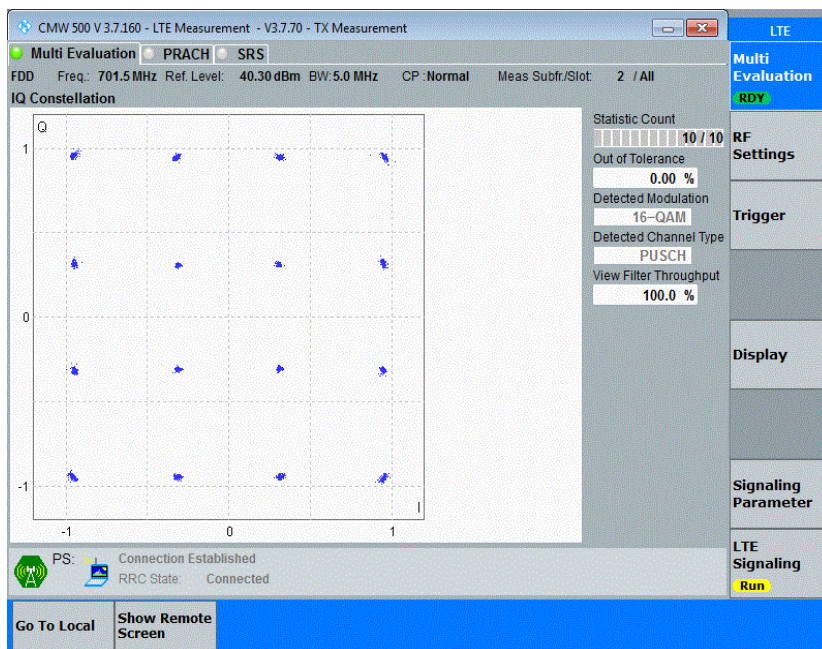
Band12-5MHz-QPSK-23095-25RB#0



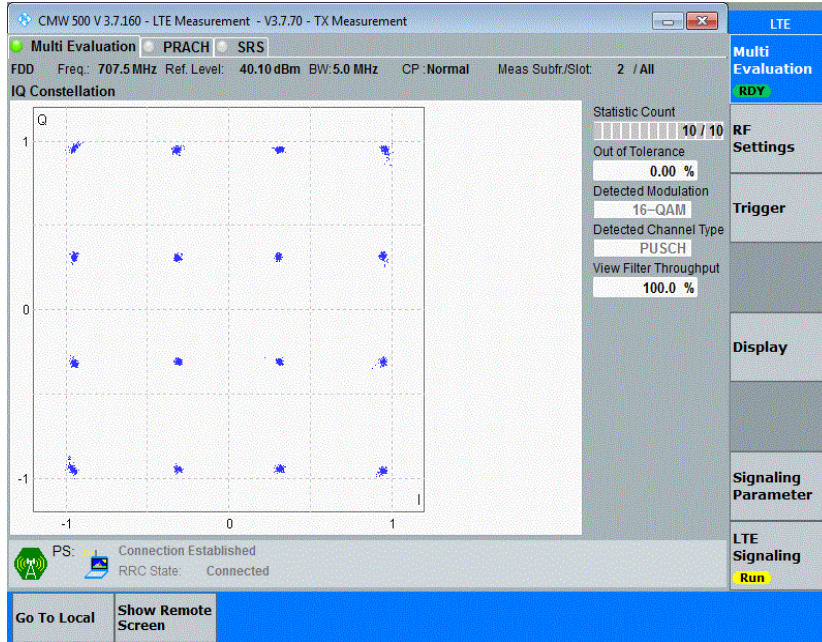
Band12-5MHz-QPSK-23155-25RB#0



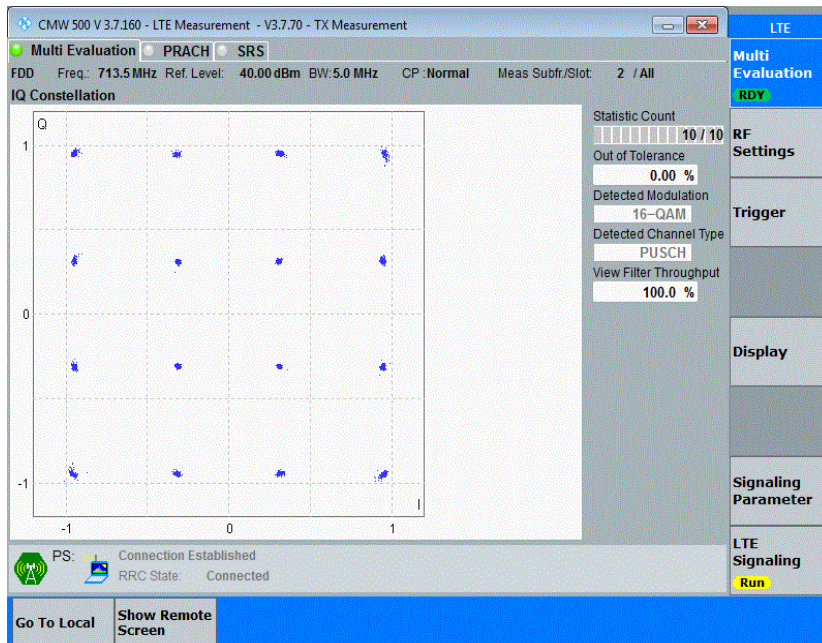
Band12-5MHz-16QAM-23035-25RB#0



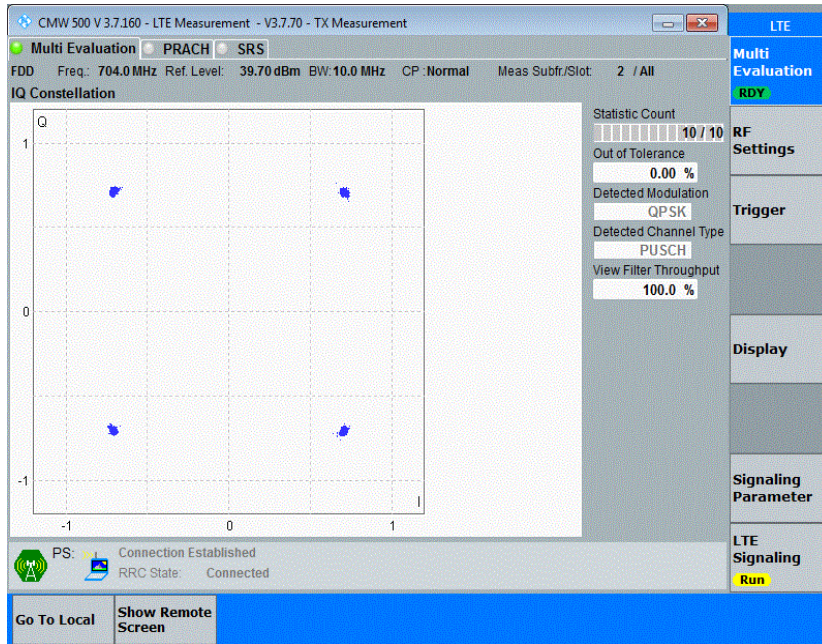
Band12-5MHz-16QAM-23095-25RB#0



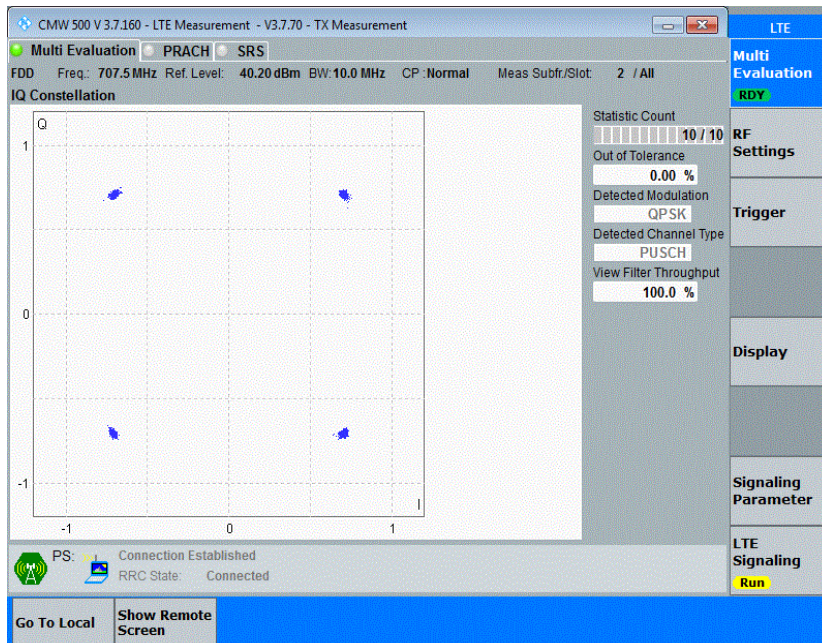
Band12-5MHz-16QAM-23155-25RB#0



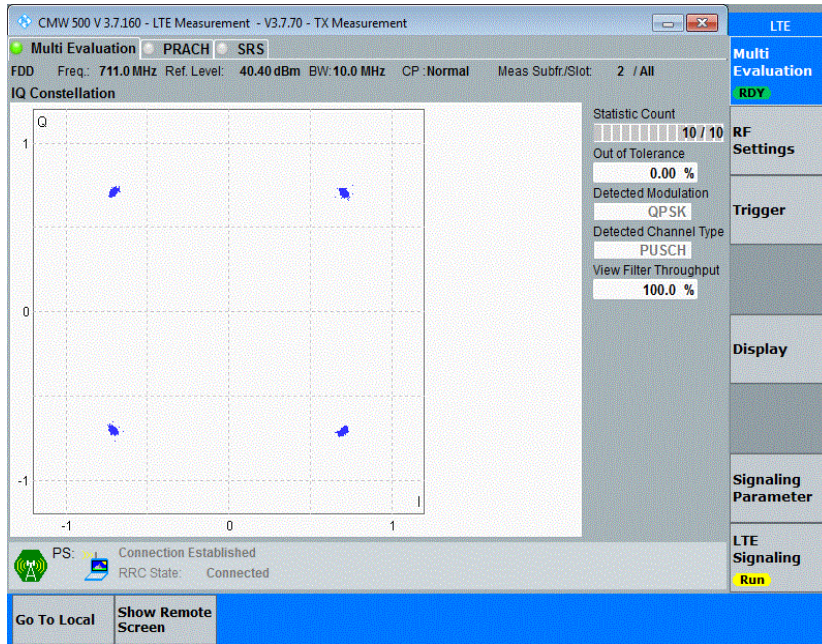
Band12-10MHz-QPSK-23060-50RB#0



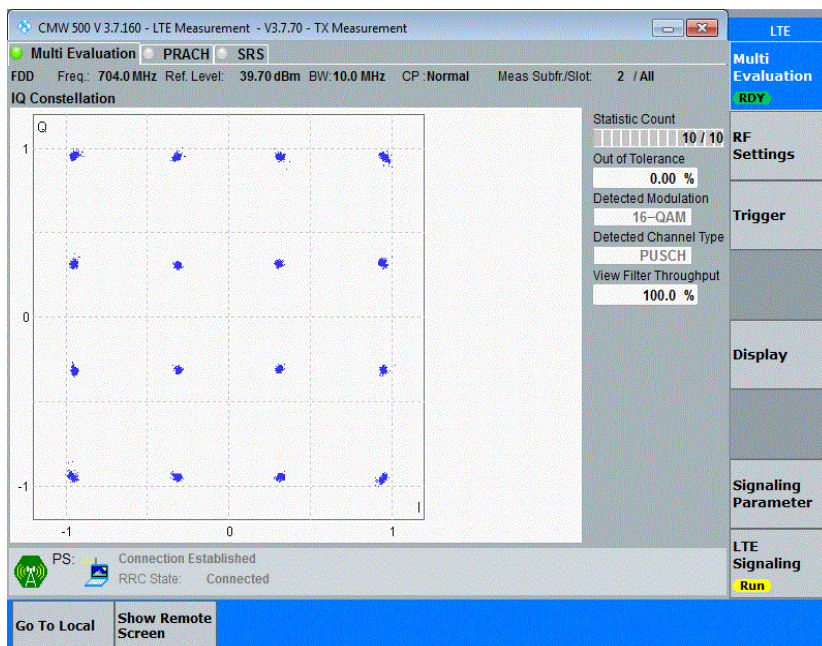
Band12-10MHz-QPSK-23095-50RB#0



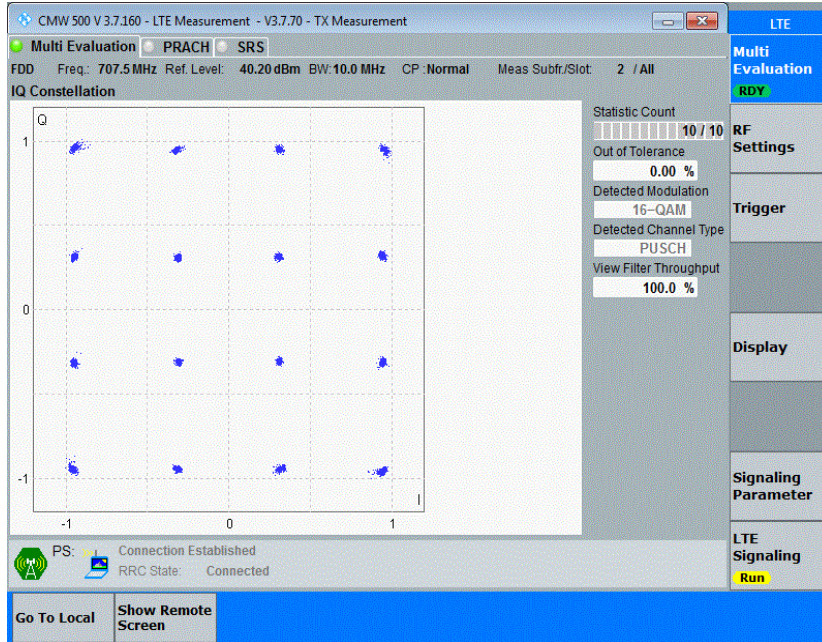
Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0

