

Effective (Isotropic) Radiated Power Output Data

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#0 | 23.67 | 25.47 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 22.66 | 24.46 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#2 | 23.59 | 25.39 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#5 | 23.34 | 25.14 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#0 | 23.92 | 25.72 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 22.89 | 24.69 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#2 | 23.92 | 25.72 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#5 | 23.86 | 25.66 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#0 | 23.76 | 25.56 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 22.68 | 24.48 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#2 | 23.65 | 25.45 | 34.8 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#5 | 23.56 | 25.36 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 22.69 | 24.49 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 21.68 | 23.48 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#2 | 22.56 | 24.36 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 22.42 | 24.22 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 22.97 | 24.77 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 21.91 | 23.71 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2 | 23.05 | 24.85 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 22.91 | 24.71 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 22.60 | 24.4 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 21.69 | 23.49 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2 | 22.54 | 24.34 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5 | 22.60 | 24.4 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#0 | 23.50 | 25.3 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 22.40 | 24.2 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#8 | 23.27 | 25.07 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#14 | 23.41 | 25.21 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#0 | 23.86 | 25.66 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 22.86 | 24.66 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#8 | 23.92 | 25.72 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#14 | 23.56 | 25.36 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#0 | 23.45 | 25.25 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 22.55 | 24.35 | 34.8 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#8 | 23.67 | 25.47 | 34.8 | PASS |

| | | | | | | | | |
|--------|-------|-------|-------|--------|-------|-------|------|------|
| Band12 | 3MHz | QPSK | 23165 | 1RB#14 | 23.42 | 25.22 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0 | 22.66 | 24.46 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 21.36 | 23.16 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#8 | 22.48 | 24.28 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 22.65 | 24.45 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 22.82 | 24.62 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 21.97 | 23.77 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#8 | 22.92 | 24.72 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 22.55 | 24.35 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 22.36 | 24.16 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 21.56 | 23.36 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8 | 22.60 | 24.4 | 34.8 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 22.40 | 24.2 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#0 | 23.85 | 25.65 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 22.72 | 24.52 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#12 | 23.81 | 25.61 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#24 | 23.46 | 25.26 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#0 | 23.78 | 25.58 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 22.89 | 24.69 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#12 | 23.98 | 25.78 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#24 | 23.55 | 25.35 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#0 | 23.65 | 25.45 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 22.70 | 24.5 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#12 | 23.81 | 25.61 | 34.8 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#24 | 23.72 | 25.52 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 22.61 | 24.41 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 21.68 | 23.48 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#12 | 22.70 | 24.5 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 22.27 | 24.07 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 22.90 | 24.7 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 21.93 | 23.73 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#12 | 23.20 | 25 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 22.77 | 24.57 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0 | 22.58 | 24.38 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 21.77 | 23.57 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#12 | 22.73 | 24.53 | 34.8 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#24 | 22.69 | 24.49 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | 23.44 | 25.24 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 22.51 | 24.31 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#24 | 23.24 | 25.04 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#49 | 23.37 | 25.17 | 34.8 | PASS |

| | | | | | | | | |
|--------|-------|-------|-------|--------|-------|-------|------|------|
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | 23.33 | 25.13 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 22.83 | 24.63 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#24 | 23.92 | 25.72 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#49 | 23.62 | 25.42 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | 23.90 | 25.7 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 22.52 | 24.32 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#24 | 23.24 | 25.04 | 34.8 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#49 | 23.39 | 25.19 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 27RB#0 | 21.56 | 23.36 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 27RB#0 | 22.05 | 23.85 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 27RB#0 | 21.56 | 23.36 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 22.65 | 24.45 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24 | 22.47 | 24.27 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 22.62 | 24.42 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 22.34 | 24.14 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24 | 22.87 | 24.67 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 22.54 | 24.34 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 22.77 | 24.57 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24 | 22.18 | 23.98 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 22.34 | 24.14 | 34.8 | PASS |

Peak-to-Average Ratio(CCDF)

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 5.55 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 6.34 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 5.61 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 6.33 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 5.60 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 6.19 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 5.46 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 27RB#0 | 6.24 | 13 | PASS |

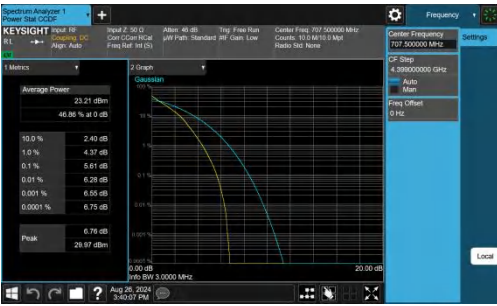
Test Graphs



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



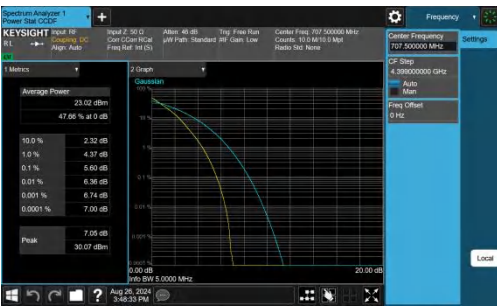
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



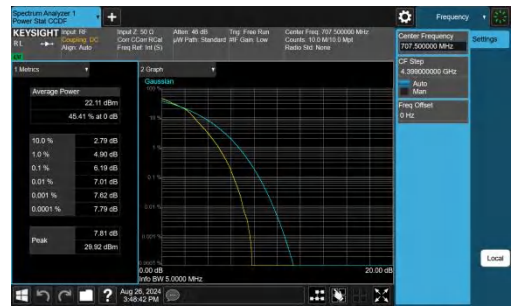
Band12-3MHz-QPSK-23095-15RB#0-PASS



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



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



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



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



Band12-10MHz-16QAM-23095-27RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

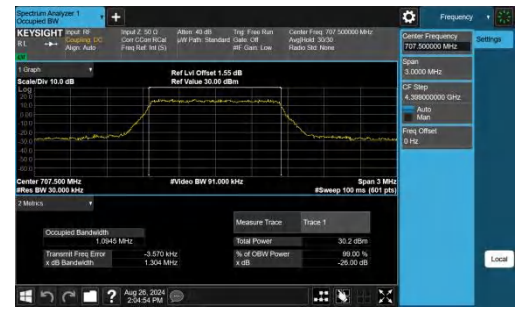
Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 1.0942 | 1.290 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 1.0945 | 1.304 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 2.6985 | 2.950 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 2.6877 | 2.937 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 4.5067 | 5.104 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 4.5034 | 5.375 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 8.9872 | 10.24 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 27RB#0 | 5.0180 | 6.165 | PASS |

Test Graphs



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



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



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



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



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



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



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



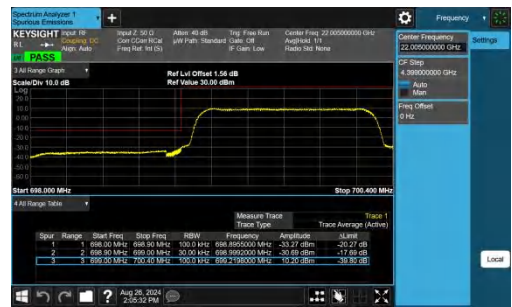
Band12-10MHz-16QAM-23095-27RB#0-PASS

Band Edge

Test Graphs



Band12-1.4MHz-QPSK-23017-1RB#0-PASS



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



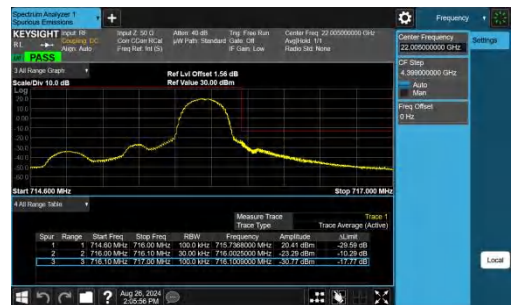
Band12-1.4MHz-QPSK-23017-1RB#5-PASS



Band12-1.4MHz-QPSK-23017-6RB#5-PASS



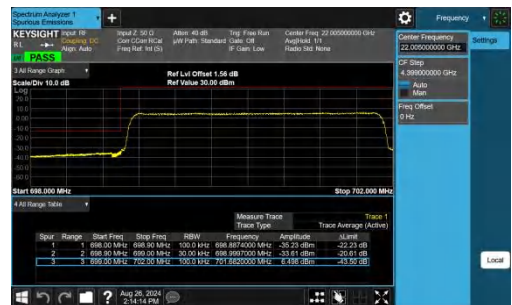
Band12-1.4MHz-QPSK-23173-1RB#0-PASS



Band12-1.4MHz-QPSK-23173-6RB#0-PASS



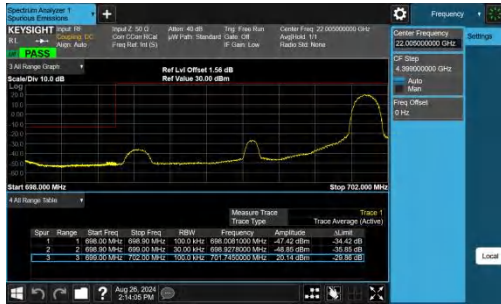
Band12-1.4MHz-QPSK-23173-1RB#5-PASS



Band12-1.4MHz-QPSK-23173-6RB#5-PASS

Band12-3MHz-QPSK-23025-1RB#0-PASS

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



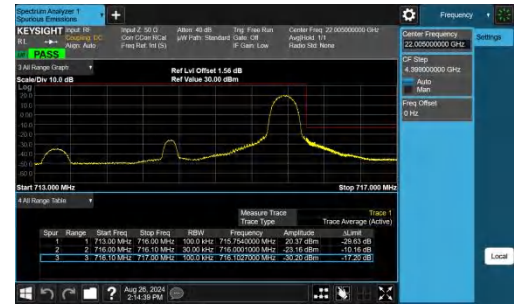
Band12-3MHz-QPSK-23025-1RB#14-PASS



Band12-3MHz-QPSK-23165-1RB#0-PASS



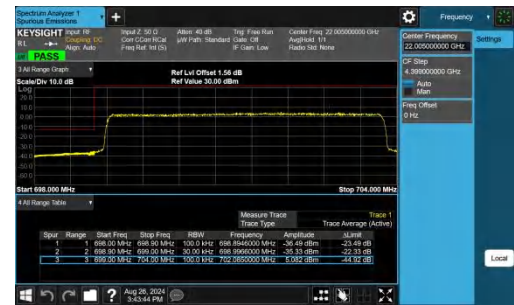
Band12-3MHz-QPSK-23165-15RB#0-PASS



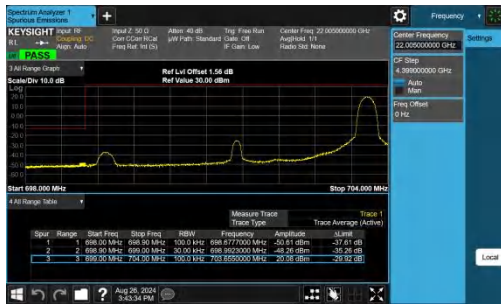
Band12-3MHz-QPSK-23165-1RB#14-PASS



Band12-5MHz-QPSK-23035-1RB#0-PASS



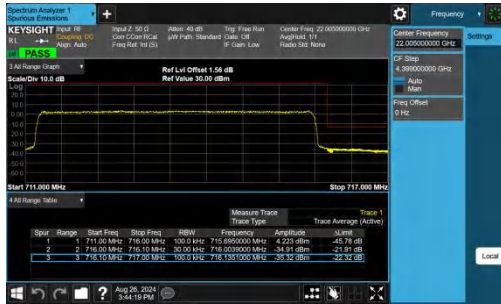
Band12-5MHz-QPSK-23035-25RB#0-PASS



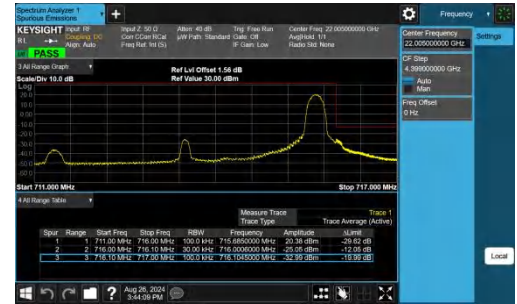
Band12-5MHz-QPSK-23035-1RB#24-PASS



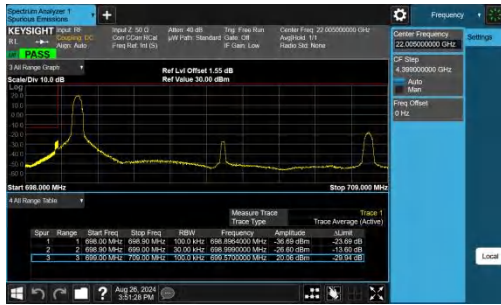
Band12-5MHz-QPSK-23155-1RB#0-PASS



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



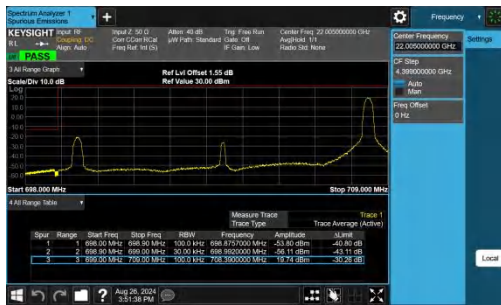
Band12-5MHz-QPSK-23155-1RB#24-PASS



Band12-10MHz-QPSK-23060-1RB#0-PASS



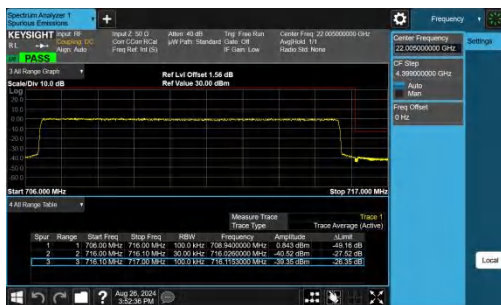
Band12-10MHz-QPSK-23060-50RB#0-PASS



Band12-10MHz-QPSK-23060-1RB#49-PASS



Band12-10MHz-QPSK-23130-1RB#0-PASS



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



Band12-10MHz-QPSK-23130-1RB#49-PASS

Conducted Spurious Emission

Test Graphs



Band12-1.4MHz-QPSK-23017-1RB#0-0.009~0.15-PASS

Band12-1.4MHz-QPSK-23017-1RB#0-0.15~30-PASS



Band12-1.4MHz-QPSK-23017-1RB#0-30~1000-PASS

Band12-1.4MHz-QPSK-23017-1RB#0-1000~3000-PASS



Band12-1.4MHz-QPSK-23017-1RB#0-3000~10000-PASS

Band12-1.4MHz-QPSK-23017-1RB#5-0.009~0.15-PASS



Band12-1.4MHz-QPSK-23017-1RB#5-0.15~30-PASS

Band12-1.4MHz-QPSK-23017-1RB#5-30~1000-PASS



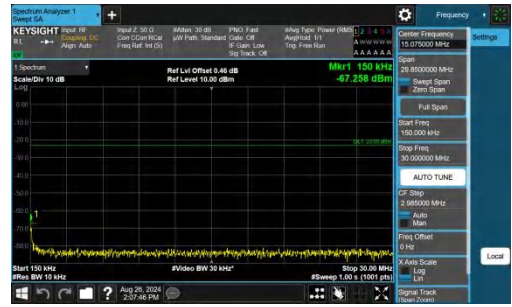
Band12-1.4MHz-QPSK-23017-1RB#5-1000~3000-PASS



Band12-1.4MHz-QPSK-23017-1RB#5-3000~10000-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



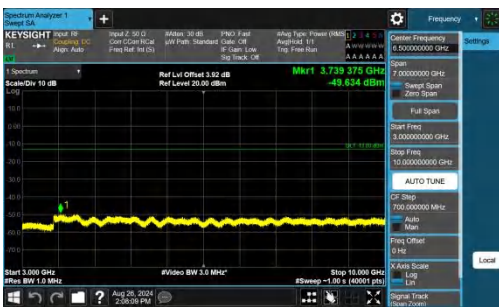
Band12-1.4MHz-QPSK-23095-1RB#0-0.15~30-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-30~1000-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-1.4MHz-QPSK-23095-1RB#5-0.009~0.15-PASS



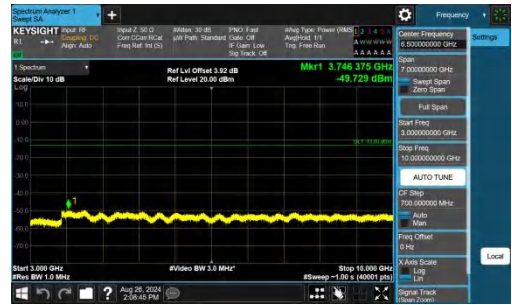
Band12-1.4MHz-QPSK-23095-1RB#5-0.15~30-PASS



Band12-1.4MHz-QPSK-23095-1RB#5-30~1000-PASS



Band12-1.4MHz-QPSK-23095-1RB#5-1000~3000-PASS



Band12-1.4MHz-QPSK-23095-1RB#5-3000~10000-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-0.009~0.15-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-0.15~30-PASS



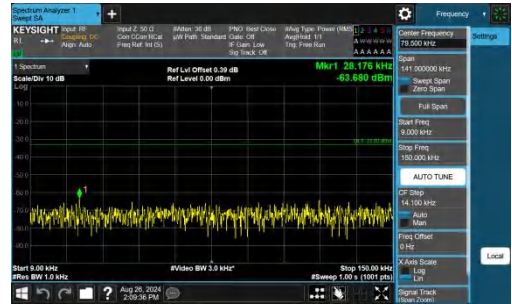
Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-3000~10000-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-0.009~0.15-PASS



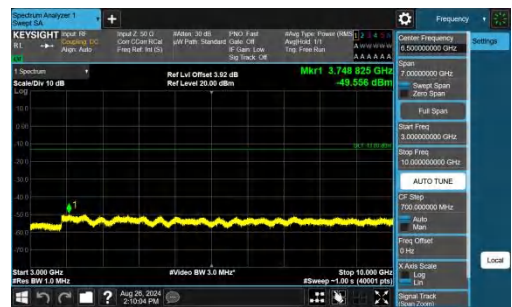
Band12-1.4MHz-QPSK-23173-1RB#5-0.15~30-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-30~1000-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-1000~3000-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-3000~10000-PASS



Band12-3MHz-QPSK-23025-1RB#0-0.009~0.15-PASS



Band12-3MHz-QPSK-23025-1RB#0-0.15~30-PASS



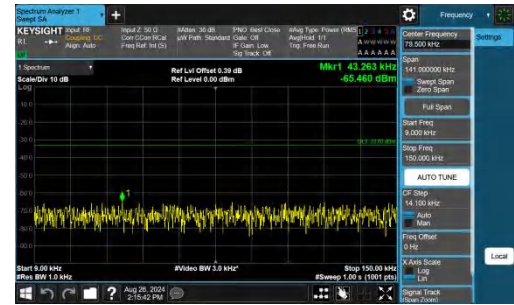
Band12-3MHz-QPSK-23025-1RB#0-30~1000-PASS



Band12-3MHz-QPSK-23025-1RB#0-1000~3000-PASS



Band12-3MHz-QPSK-23025-1RB#0-3000~10000-PASS



Band12-3MHz-QPSK-23025-1RB#14-0.009~0.15-PASS



Band12-3MHz-QPSK-23025-1RB#14-0.15~30-PASS



Band12-3MHz-QPSK-23025-1RB#14-30~1000-PASS



Band12-3MHz-QPSK-23025-1RB#14-1000~3000-PASS



Band12-3MHz-QPSK-23025-1RB#14-3000~10000-PASS



Band12-3MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



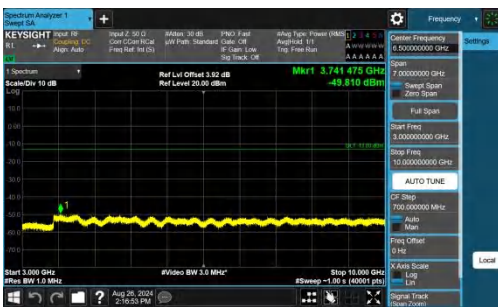
Band12-3MHz-QPSK-23095-1RB#0-0.15~30-PASS



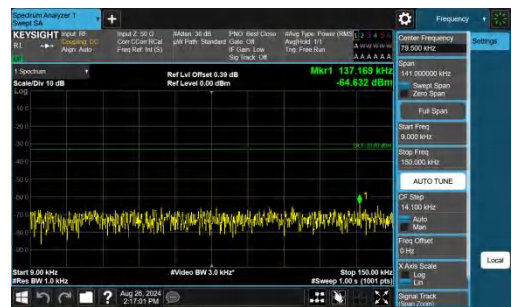
Band12-3MHz-QPSK-23095-1RB#0-30~1000-PASS



Band12-3MHz-QPSK-23095-1RB#0-1000~3000-PASS



Band12-3MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-3MHz-QPSK-23095-1RB#14-0.009~0.15-PASS



Band12-3MHz-QPSK-23095-1RB#14-0.15~30-PASS



Band12-3MHz-QPSK-23095-1RB#14-30~1000-PASS



Band12-3MHz-QPSK-23095-1RB#14-1000~3000-PASS



Band12-3MHz-QPSK-23095-1RB#14-3000~10000-PASS



Band12-3MHz-QPSK-23165-1RB#0-0.009~0.15-PASS



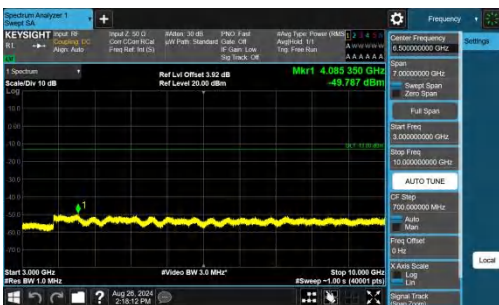
Band12-3MHz-QPSK-23165-1RB#0-0.15~30-PASS



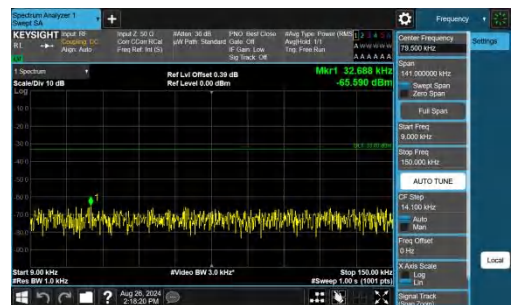
Band12-3MHz-QPSK-23165-1RB#0-30~1000-PASS



Band12-3MHz-QPSK-23165-1RB#0-1000~3000-PASS



Band12-3MHz-QPSK-23165-1RB#0-3000~10000-PASS



Band12-3MHz-QPSK-23165-1RB#14-0.009~0.15-PASS



Band12-3MHz-QPSK-23165-1RB#14-0.15~30-PASS



Band12-3MHz-QPSK-23165-1RB#14-30~1000-PASS



Band12-3MHz-QPSK-23165-1RB#14-1000~3000-PASS



Band12-3MHz-QPSK-23165-1RB#14-3000~10000-PASS



Band12-5MHz-QPSK-23035-1RB#0-0.009~0.15-PASS



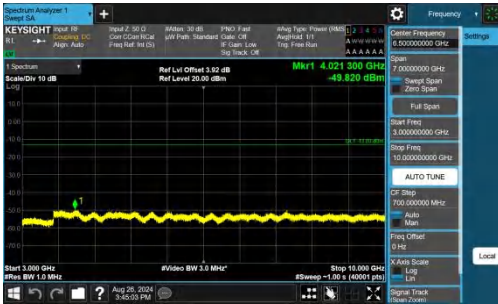
Band12-5MHz-QPSK-23035-1RB#0-0.15~30-PASS



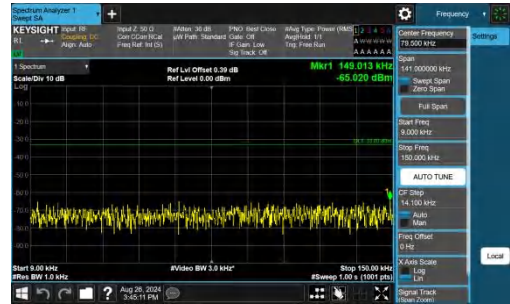
Band12-5MHz-QPSK-23035-1RB#0-30~1000-PASS



Band12-5MHz-QPSK-23035-1RB#0-1000~3000-PASS



Band12-5MHz-QPSK-23035-1RB#0-3000~10000-PASS



Band12-5MHz-QPSK-23035-1RB#24-0.009~0.15-PASS



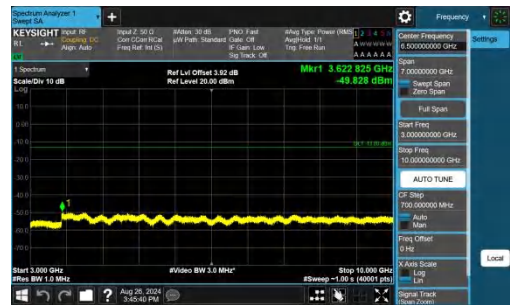
Band12-5MHz-QPSK-23035-1RB#24-0.15~30-PASS



Band12-5MHz-QPSK-23035-1RB#24-30~1000-PASS



Band12-5MHz-QPSK-23035-1RB#24-1000~3000-PASS



Band12-5MHz-QPSK-23035-1RB#24-3000~10000-PASS



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



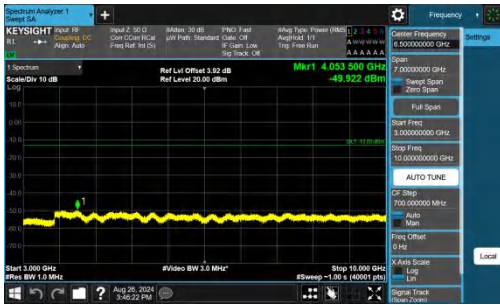
Band12-5MHz-QPSK-23095-1RB#0-0.15~30-PASS



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



Band12-5MHz-QPSK-23095-1RB#0-1000~3000-PASS



Band12-5MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-5MHz-QPSK-23095-1RB#24-0.009~0.15-PASS



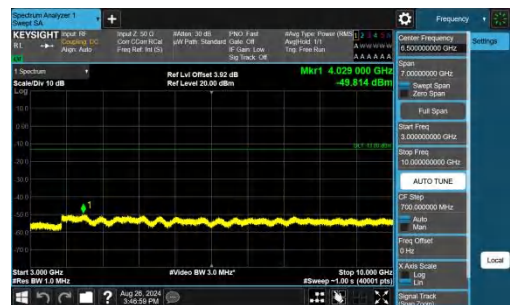
Band12-5MHz-QPSK-23095-1RB#24-0.15~30-PASS



Band12-5MHz-QPSK-23095-1RB#24-30~1000-PASS



Band12-5MHz-QPSK-23095-1RB#24-1000~3000-PASS



Band12-5MHz-QPSK-23095-1RB#24-3000~10000-PASS



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



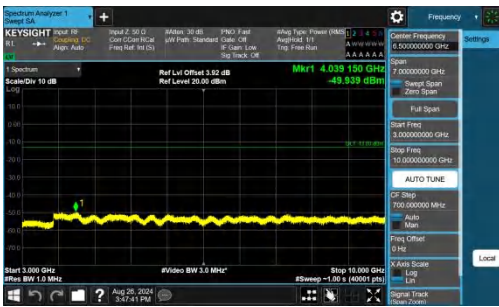
Band12-5MHz-QPSK-23155-1RB#0-0.15~30-PASS



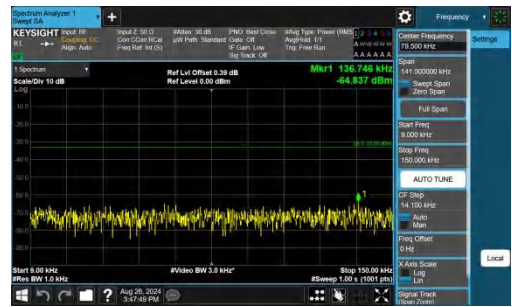
Band12-5MHz-QPSK-23155-1RB#0-30~1000-PASS



Band12-5MHz-QPSK-23155-1RB#0-1000~3000-PASS



Band12-5MHz-QPSK-23155-1RB#0-3000~10000-PASS



Band12-5MHz-QPSK-23155-1RB#24-0.009~0.15-PASS



Band12-5MHz-QPSK-23155-1RB#24-0.15~30-PASS



Band12-5MHz-QPSK-23155-1RB#24-30~1000-PASS



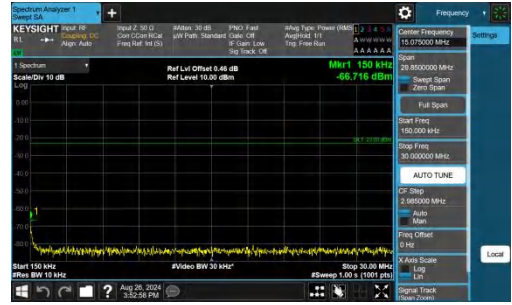
Band12-5MHz-QPSK-23155-1RB#24-1000~3000-PASS



Band12-5MHz-QPSK-23155-1RB#24-3000~10000-PASS



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



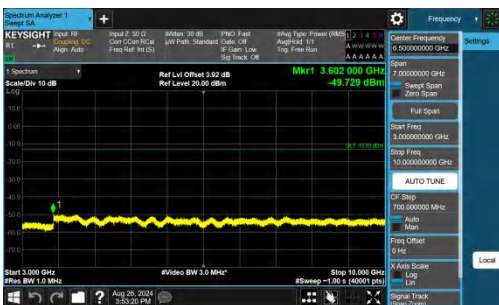
Band12-10MHz-QPSK-23060-1RB#0-0.15~30-PASS



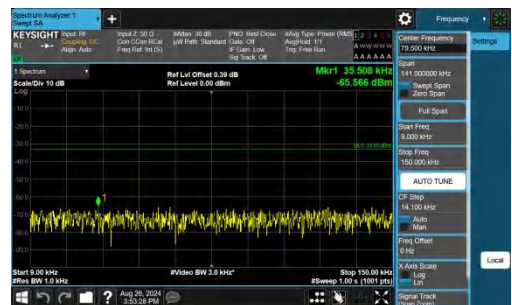
Band12-10MHz-QPSK-23060-1RB#0-30~1000-PASS



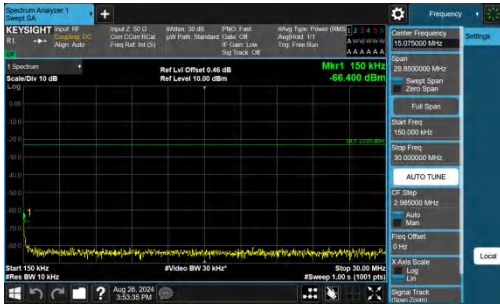
Band12-10MHz-QPSK-23060-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23060-1RB#0-3000~10000-PASS



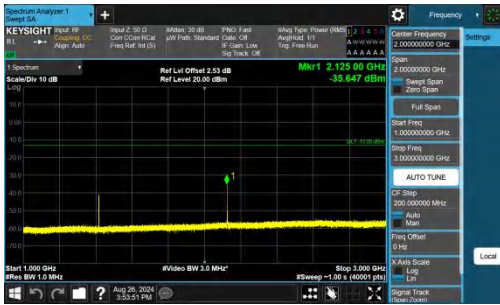
Band12-10MHz-QPSK-23060-1RB#49-0.009~0.15-PASS



Band12-10MHz-QPSK-23060-1RB#49-0.15~30-PASS



Band12-10MHz-QPSK-23060-1RB#49-30~1000-PASS



Band12-10MHz-QPSK-23060-1RB#49-1000~3000-PASS



Band12-10MHz-QPSK-23060-1RB#49-3000~10000-PASS



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



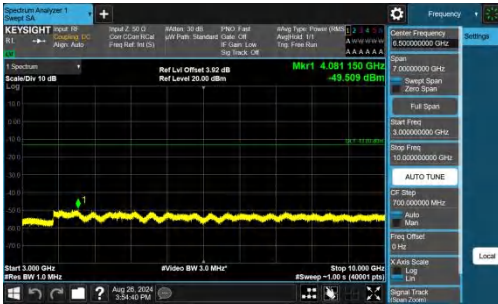
Band12-10MHz-QPSK-23095-1RB#0-0.15~30-PASS



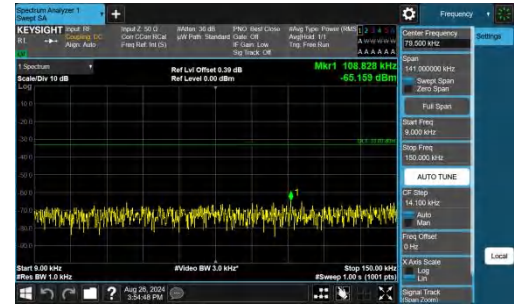
Band12-10MHz-QPSK-23095-1RB#0-30~1000-PASS



Band12-10MHz-QPSK-23095-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-10MHz-QPSK-23095-1RB#49-0.009~0.15-PASS



Band12-10MHz-QPSK-23095-1RB#49-0.15~30-PASS



Band12-10MHz-QPSK-23095-1RB#49-30~1000-PASS



Band12-10MHz-QPSK-23095-1RB#49-1000~3000-PASS



Band12-10MHz-QPSK-23095-1RB#49-3000~10000-PASS



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



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



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



Band12-10MHz-QPSK-23130-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23130-1RB#0-3000~10000-PASS



Band12-10MHz-QPSK-23130-1RB#49-0.009~0.15-PASS



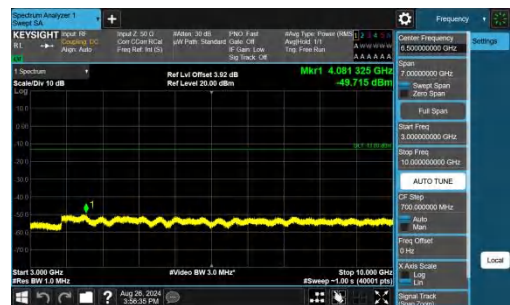
Band12-10MHz-QPSK-23130-1RB#49-0.15~30-PASS



Band12-10MHz-QPSK-23130-1RB#49-30~1000-PASS



Band12-10MHz-QPSK-23130-1RB#49-1000~3000-PASS



Band12-10MHz-QPSK-23130-1RB#49-3000~10000-PASS

Frequency Stability

Test Result

| Voltage | | | | | | | | | | | | | |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|-----------|-----------|-------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | FL (MHz) | FH (MHz) | Limit (MHz) | Verdict |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | VN | NT | -2070.00 | -2.925795 | ±NA | 703.02238 | 711.97348 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | VL | NT | -1300.00 | -1.837456 | ±NA | 703.0285 | 711.9689 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | VH | NT | -1070.00 | -1.512367 | ±NA | 703.02538 | 711.97248 | 699-716 | PASS |

| Temperature | | | | | | | | | | | | | |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|-----------|-----------|-------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | FL (MHz) | FH (MHz) | Limit (MHz) | Verdict |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -30 | -3790.00 | -5.356890 | ±NA | 703.02116 | 711.97126 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -20 | -3150.00 | -4.452297 | ±NA | 703.0207 | 711.973 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -10 | -2130.00 | -3.010601 | ±NA | 703.02117 | 711.97457 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 0 | 320.00 | 0.452297 | ±NA | 703.02727 | 711.97337 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 10 | -2690.00 | -3.802120 | ±NA | 703.02401 | 711.97061 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 20 | -1080.00 | -1.526502 | ±NA | 703.02247 | 711.97537 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 30 | -4640.00 | -6.558304 | ±NA | 703.01961 | 711.97111 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 40 | -470.00 | -0.664311 | ±NA | 703.02448 | 711.97458 | 699-716 | PASS |
| Band 12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 50 | -1110.00 | -1.568905 | ±NA | 703.02624 | 711.97154 | 699-716 | PASS |

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