



## Appendix D: Band Edge

### Test Result (worst case)

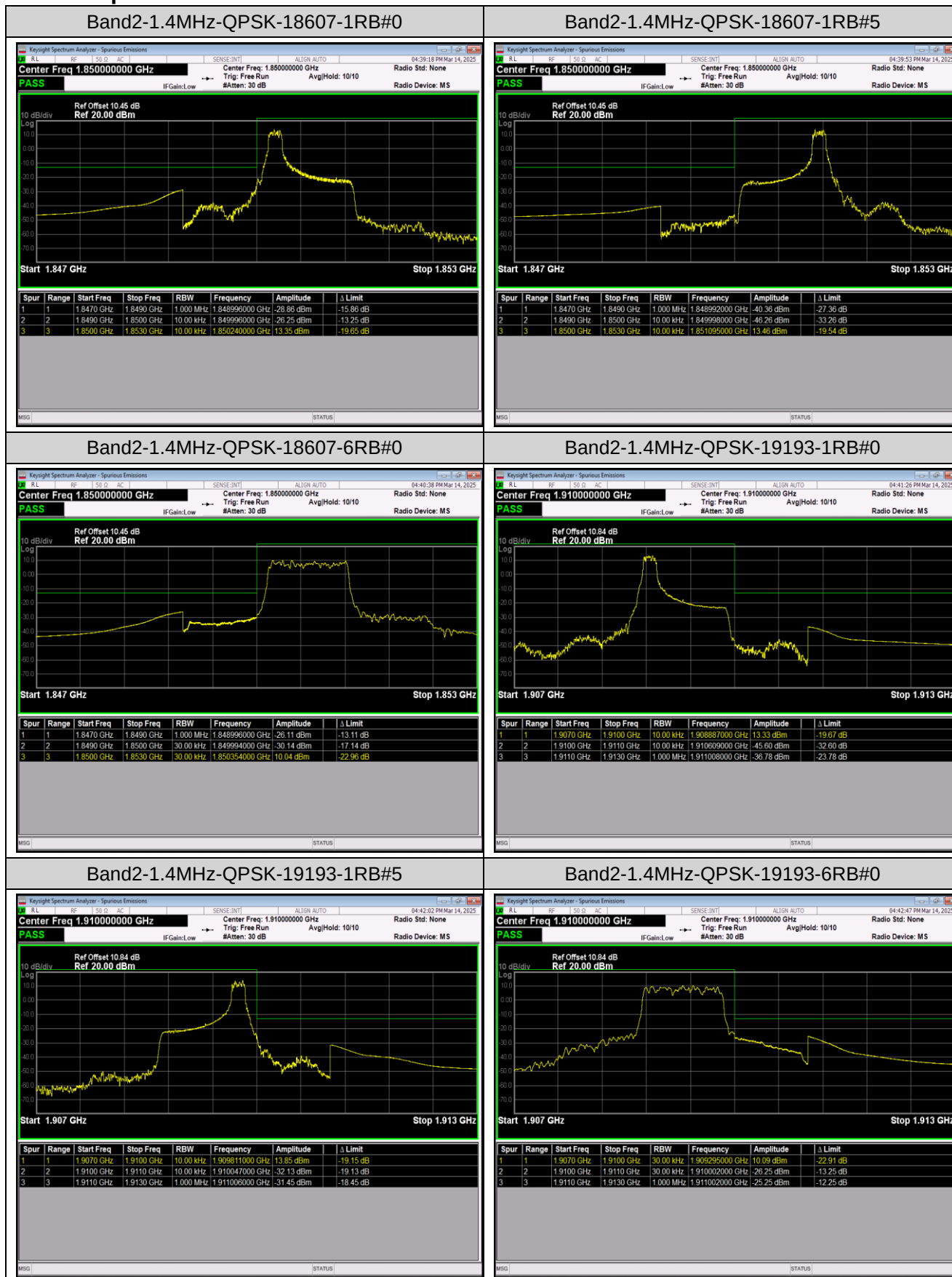
| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm)  | Verdict |
|-------|-----------|------------|---------|------------|---------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0      | -28.86,-26.25 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5      | -40.36,-46.26 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0      | -26.11,-30.14 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0      | -45.60,-36.78 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5      | -32.13,-31.45 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0      | -26.25,-25.25 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0      | -29.77,-27.45 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5      | -40.68,-46.66 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0      | -27.22,-30.38 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0      | -42.83,-37.31 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#5      | -27.21,-32.28 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0      | -27.36,-26.92 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0      | -43.42,-37.62 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#99     | -47.51,-58.02 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0    | -30.46,-33.85 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0      | -56.85,-49.86 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#99     | -35.79,-45.25 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0    | -30.67,-26.64 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0      | -43.91,-37.28 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#99     | -46.13,-57.01 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0    | -31.56,-35.15 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0      | -57.43,-50.33 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#99     | -38.72,-45.83 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0    | -32.30,-28.26 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0      | -33.80,-22.85 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5      | -40.32,-48.42 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0      | -25.61,-29.67 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0      | -45.49,-40.40 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5      | -24.70,-32.01 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0      | -29.15,-26.31 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0      | -34.22,-25.47 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5      | -40.37,-43.55 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0      | -26.51,-30.32 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0      | -49.88,-40.30 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5      | -26.80,-32.66 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0      | -29.89,-27.58 | PASS    |

|       |        |       |       |         |                             |      |
|-------|--------|-------|-------|---------|-----------------------------|------|
| Band4 | 20MHz  | QPSK  | 20050 | 1RB#0   | -44.55,-38.25               | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 1RB#99  | -48.37,-57.48               | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 100RB#0 | -29.26,-31.93               | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 1RB#0   | -33.82,-30.87               | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 1RB#99  | -36.37,-37.86               | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 100RB#0 | -27.85,-23.30               | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#0   | -45.64,-38.81               | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#99  | -49.62,-55.57               | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 100RB#0 | -29.89,-33.04               | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#0   | -34.27,-32.52               | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#99  | -38.13,-43.02               | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | -29.28,-24.73               | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | -51.56,-30.20               | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#5   | -54.81,-41.46               | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | -37.28,-25.39               | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0   | -49.86,-56.47               | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5   | -28.57,-51.91               | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0   | -30.23,-40.10               | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0   | -52.08,-28.28               | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5   | -55.11,-46.10               | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0   | -37.80,-28.13               | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0   | -46.68,-56.49               | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5   | -33.88,-52.85               | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0   | -31.75,-40.27               | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 1RB#0   | -53.98,-32.66               | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 1RB#49  | -52.36,-51.44               | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 50RB#0  | -36.17,-29.20               | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 1RB#0   | -51.95,-48.80               | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 1RB#49  | -33.01,-54.26               | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 50RB#0  | -32.00,-39.56               | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 1RB#0   | -56.12,-33.14               | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 1RB#49  | -51.20,-51.59               | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 50RB#0  | -37.64,-31.12               | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 1RB#0   | -54.31,-46.35               | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 1RB#49  | -32.80,-57.10               | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 50RB#0  | -33.61,-41.03               | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 1RB#0   | -47.03,-44.10,-38.09,-26.92 | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 1RB#24  | -49.20,-36.11,-35.92,-43.90 | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 25RB#0  | -41.53,-35.93,-26.55,-30.89 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 1RB#0   | -45.54,-36.58,-48.51,-48.82 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 1RB#24  | -26.86,-38.01,-47.57,-46.89 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 25RB#0  | -27.36,-23.20,-40.59,-41.23 | PASS |

|        |        |       |       |         |                             |      |
|--------|--------|-------|-------|---------|-----------------------------|------|
| Band7  | 5MHz   | 16QAM | 20775 | 1RB#0   | -48.19,-45.02,-39.47,-28.12 | PASS |
| Band7  | 5MHz   | 16QAM | 20775 | 1RB#24  | -49.23,-40.12,-40.15,-47.76 | PASS |
| Band7  | 5MHz   | 16QAM | 20775 | 25RB#0  | -42.57,-36.81,-26.04,-30.46 | PASS |
| Band7  | 5MHz   | 16QAM | 21425 | 1RB#0   | -45.66,-39.33,-48.83,-48.89 | PASS |
| Band7  | 5MHz   | 16QAM | 21425 | 1RB#24  | -27.76,-39.07,-47.71,-46.82 | PASS |
| Band7  | 5MHz   | 16QAM | 21425 | 25RB#0  | -27.73,-23.34,-40.25,-42.36 | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 1RB#0   | -38.70,-42.43,-36.87        | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 1RB#99  | -40.23,-47.38,-57.87        | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 100RB#0 | -32.72,-28.81,-27.60,-30.92 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 1RB#0   | -57.19,-46.98,-37.59,-50.12 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 1RB#99  | -38.29,-41.74,-37.93,-50.18 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 100RB#0 | -29.15,-25.38,-27.07,-46.54 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#0   | -39.50,-43.12,-38.56        | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#99  | -41.04,-47.78,-57.13        | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 100RB#0 | -34.63,-30.43,-29.12,-32.92 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#0   | -57.40,-47.17,-38.31,-50.22 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#99  | -37.03,-42.41,-38.58,-50.20 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 100RB#0 | -30.03,-26.10,-27.77,-46.29 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0   | -31.57,-23.62               | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#5   | -46.60,-50.32               | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | -26.87,-29.12               | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0   | -49.26,-45.67               | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#5   | -22.41,-30.39               | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0   | -27.77,-24.95               | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0   | -31.22,-25.55               | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5   | -46.39,-49.93               | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0   | -29.86,-32.02               | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0   | -51.72,-43.53               | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5   | -29.04,-34.74               | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0   | -29.82,-27.61               | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 1RB#0   | -49.53,-33.78               | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 1RB#49  | -55.50,-52.54               | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 50RB#0  | -34.99,-38.32               | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 1RB#0   | -52.54,-57.15               | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 1RB#49  | -32.42,-49.30               | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 50RB#0  | -37.95,-34.38               | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 1RB#0   | -50.67,-35.18               | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 1RB#49  | -53.38,-52.77               | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 50RB#0  | -36.16,-39.52               | PASS |
| Band12 | 10MHz  | 16QAM | 23130 | 1RB#0   | -53.43,-57.16               | PASS |
| Band12 | 10MHz  | 16QAM | 23130 | 1RB#49  | -33.95,-52.04               | PASS |
| Band12 | 10MHz  | 16QAM | 23130 | 50RB#0  | -38.92,-36.02               | PASS |

*Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.*

## Test Graphs



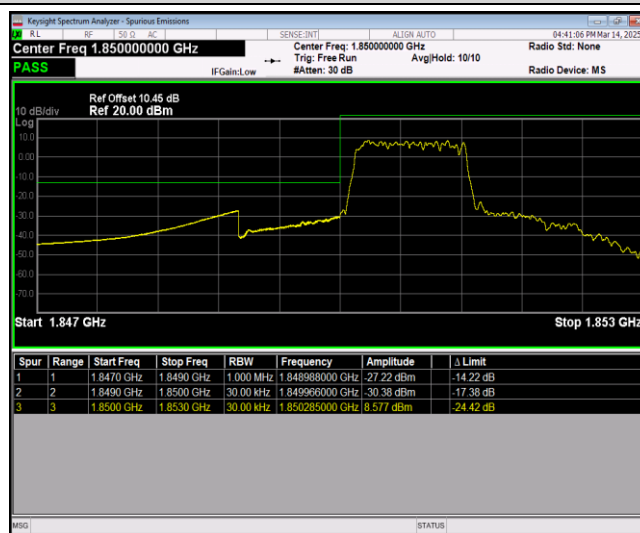
Band2-1.4MHz-16QAM-18607-1RB#0



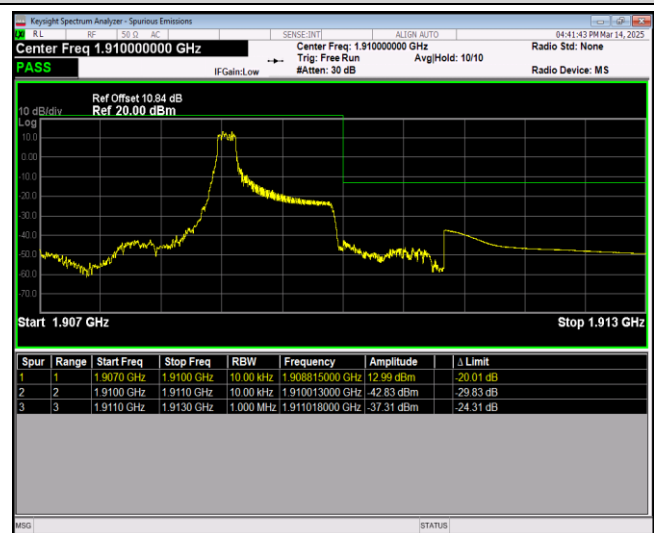
Band2-1.4MHz-16QAM-18607-1RB#5



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#0



Band2-1.4MHz-16QAM-19193-1RB#5



Band2-1.4MHz-16QAM-19193-6RB#0



Band2-20MHz-QPSK-18700-1RB#0

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Band2-20MHz-QPSK-18700-1RB#99

Project No.: JYTSZR2503028



