







## Appendix D: Band Edge

### Test Result (worst case)

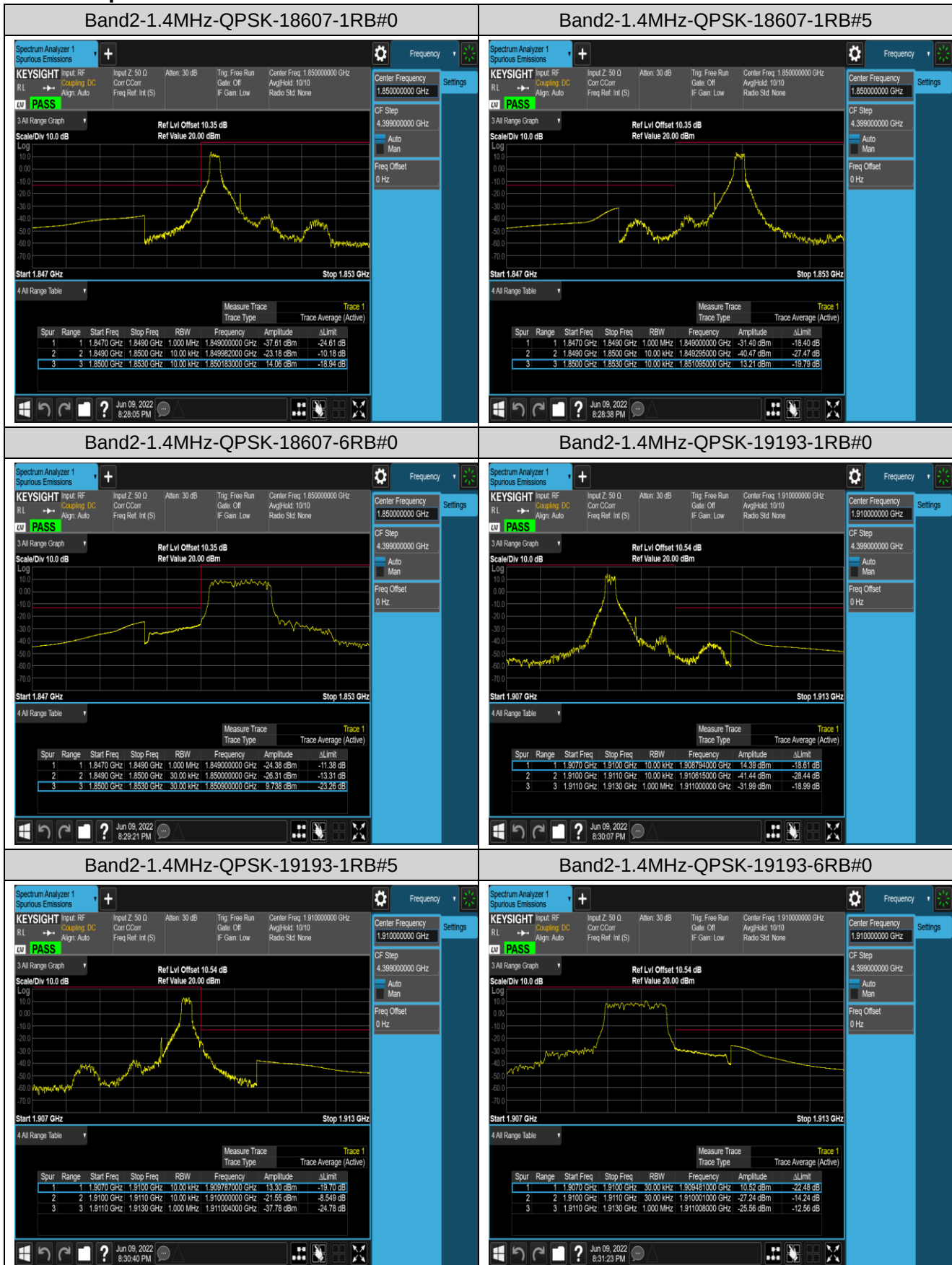
| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm)  | Verdict |
|-------|-----------|------------|---------|------------|---------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0      | -37.61,-23.18 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5      | -31.40,-40.47 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0      | -24.38,-26.31 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0      | -41.44,-31.99 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5      | -21.55,-37.78 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0      | -27.24,-25.56 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0      | -38.48,-26.24 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5      | -33.14,-42.50 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0      | -26.00,-28.51 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0      | -41.74,-33.75 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#5      | -24.81,-38.64 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0      | -29.27,-27.73 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0      | -43.54,-37.82 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#99     | -36.81,-60.71 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0    | -29.03,-32.95 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0      | -59.41,-49.30 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#99     | -39.22,-44.60 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0    | -34.32,-30.84 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0      | -45.25,-38.98 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#99     | -38.87,-61.10 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0    | -32.01,-35.25 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0      | -60.77,-49.62 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#99     | -39.48,-45.42 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0    | -36.02,-32.56 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0      | -52.32,-26.00 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5      | -53.58,-51.77 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0      | -41.71,-31.70 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0      | -49.75,-54.00 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5      | -23.22,-52.91 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0      | -31.11,-41.28 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0      | -52.77,-26.44 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5      | -53.12,-51.89 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0      | -42.25,-32.99 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0      | -51.46,-53.95 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5      | -23.25,-53.24 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0      | -32.16,-42.32 | PASS    |

|        |       |       |       |         |                             |      |
|--------|-------|-------|-------|---------|-----------------------------|------|
| Band5  | 10MHz | QPSK  | 20450 | 1RB#0   | -52.26,-33.04               | PASS |
| Band5  | 10MHz | QPSK  | 20450 | 1RB#49  | -55.19,-59.49               | PASS |
| Band5  | 10MHz | QPSK  | 20450 | 50RB#0  | -42.00,-34.97               | PASS |
| Band5  | 10MHz | QPSK  | 20600 | 1RB#0   | -59.50,-54.20               | PASS |
| Band5  | 10MHz | QPSK  | 20600 | 1RB#49  | -32.23,-53.20               | PASS |
| Band5  | 10MHz | QPSK  | 20600 | 50RB#0  | -33.87,-41.81               | PASS |
| Band5  | 10MHz | 16QAM | 20450 | 1RB#0   | -53.28,-34.08               | PASS |
| Band5  | 10MHz | 16QAM | 20450 | 1RB#49  | -56.10,-58.84               | PASS |
| Band5  | 10MHz | 16QAM | 20450 | 50RB#0  | -43.86,-36.19               | PASS |
| Band5  | 10MHz | 16QAM | 20600 | 1RB#0   | -59.91,-54.34               | PASS |
| Band5  | 10MHz | 16QAM | 20600 | 1RB#49  | -31.84,-54.08               | PASS |
| Band5  | 10MHz | 16QAM | 20600 | 50RB#0  | -34.74,-42.86               | PASS |
| Band7  | 5MHz  | QPSK  | 20775 | 1RB#0   | -49.13,-43.31,-38.37,-25.45 | PASS |
| Band7  | 5MHz  | QPSK  | 20775 | 1RB#24  | -49.23,-42.19,-41.98,-53.08 | PASS |
| Band7  | 5MHz  | QPSK  | 20775 | 25RB#0  | -40.64,-34.18,-31.86,-32.94 | PASS |
| Band7  | 5MHz  | QPSK  | 21425 | 1RB#0   | -53.25,-42.97,-46.80,-49.40 | PASS |
| Band7  | 5MHz  | QPSK  | 21425 | 1RB#24  | -23.43,-39.10,-47.66,-48.86 | PASS |
| Band7  | 5MHz  | QPSK  | 21425 | 25RB#0  | -31.59,-28.22,-38.29,-39.28 | PASS |
| Band7  | 5MHz  | 16QAM | 20775 | 1RB#0   | -49.11,-44.88,-40.11,-24.10 | PASS |
| Band7  | 5MHz  | 16QAM | 20775 | 1RB#24  | -49.35,-42.69,-42.89,-54.02 | PASS |
| Band7  | 5MHz  | 16QAM | 20775 | 25RB#0  | -42.10,-36.71,-32.23,-34.79 | PASS |
| Band7  | 5MHz  | 16QAM | 21425 | 1RB#0   | -52.31,-42.90,-47.08,-49.57 | PASS |
| Band7  | 5MHz  | 16QAM | 21425 | 1RB#24  | -25.60,-40.03,-47.84,-49.17 | PASS |
| Band7  | 5MHz  | 16QAM | 21425 | 25RB#0  | -33.74,-32.31,-39.14,-40.91 | PASS |
| Band7  | 20MHz | QPSK  | 20850 | 1RB#0   | -44.79,-43.57,-39.24        | PASS |
| Band7  | 20MHz | QPSK  | 20850 | 1RB#99  | -47.89,-48.44,-59.60        | PASS |
| Band7  | 20MHz | QPSK  | 20850 | 100RB#0 | -36.70,-34.04,-32.14,-35.36 | PASS |
| Band7  | 20MHz | QPSK  | 21350 | 1RB#0   | -59.01,-48.54,-47.66,-51.37 | PASS |
| Band7  | 20MHz | QPSK  | 21350 | 1RB#99  | -37.77,-43.41,-41.11,-51.39 | PASS |
| Band7  | 20MHz | QPSK  | 21350 | 100RB#0 | -32.46,-29.40,-31.75,-46.81 | PASS |
| Band7  | 20MHz | 16QAM | 20850 | 1RB#0   | -45.63,-43.87,-39.10        | PASS |
| Band7  | 20MHz | 16QAM | 20850 | 1RB#99  | -48.25,-48.49,-60.51        | PASS |
| Band7  | 20MHz | 16QAM | 20850 | 100RB#0 | -40.07,-37.18,-35.57,-37.89 | PASS |
| Band7  | 20MHz | 16QAM | 21350 | 1RB#0   | -61.46,-48.44,-47.80,-51.40 | PASS |
| Band7  | 20MHz | 16QAM | 21350 | 1RB#99  | -36.88,-43.80,-42.56,-51.42 | PASS |
| Band7  | 20MHz | 16QAM | 21350 | 100RB#0 | -36.21,-33.54,-35.42,-46.63 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 1RB#0   | -50.13,-48.84,-42.86,-28.66 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 1RB#24  | -50.23,-48.94,-42.21,-57.37 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 25RB#0  | -42.84,-39.70,-25.76,-28.91 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 1RB#0   | -56.51,-43.71,-49.02,-50.17 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 1RB#24  | -27.15,-39.55,-47.89,-49.95 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 25RB#0  | -33.40,-34.42,-38.44,-39.15 | PASS |

|        |        |       |        |         |                             |      |
|--------|--------|-------|--------|---------|-----------------------------|------|
| Band41 | 5MHz   | 16QAM | 39675  | 1RB#0   | -49.94,-48.87,-42.20,-27.82 | PASS |
| Band41 | 5MHz   | 16QAM | 39675  | 1RB#24  | -50.18,-48.48,-43.48,-54.14 | PASS |
| Band41 | 5MHz   | 16QAM | 39675  | 25RB#0  | -43.02,-41.02,-27.95,-30.66 | PASS |
| Band41 | 5MHz   | 16QAM | 41565  | 1RB#0   | -55.01,-44.30,-49.31,-50.22 | PASS |
| Band41 | 5MHz   | 16QAM | 41565  | 1RB#24  | -27.66,-41.03,-48.65,-50.08 | PASS |
| Band41 | 5MHz   | 16QAM | 41565  | 25RB#0  | -36.56,-34.43,-40.89,-42.55 | PASS |
| Band41 | 20MHz  | QPSK  | 39750  | 1RB#0   | -51.23,-46.25,-46.38,-41.23 | PASS |
| Band41 | 20MHz  | QPSK  | 39750  | 1RB#99  | -51.38,-47.53,-49.57,-61.36 | PASS |
| Band41 | 20MHz  | QPSK  | 39750  | 100RB#0 | -48.64,-36.22,-33.22,-37.62 | PASS |
| Band41 | 20MHz  | QPSK  | 41490  | 1RB#0   | -61.05,-49.19,-47.53,-51.18 | PASS |
| Band41 | 20MHz  | QPSK  | 41490  | 1RB#99  | -43.31,-46.27,-46.48,-50.43 | PASS |
| Band41 | 20MHz  | QPSK  | 41490  | 100RB#0 | -44.25,-42.25,-41.95,-47.54 | PASS |
| Band41 | 20MHz  | 16QAM | 39750  | 1RB#0   | -51.25,-47.18,-46.67,-39.97 | PASS |
| Band41 | 20MHz  | 16QAM | 39750  | 1RB#99  | -51.40,-48.28,-49.63,-62.68 | PASS |
| Band41 | 20MHz  | 16QAM | 39750  | 100RB#0 | -49.63,-38.00,-36.54,-39.43 | PASS |
| Band41 | 20MHz  | 16QAM | 41490  | 1RB#0   | -61.34,-49.53,-48.44,-51.24 | PASS |
| Band41 | 20MHz  | 16QAM | 41490  | 1RB#99  | -39.76,-46.62,-47.04,-50.51 | PASS |
| Band41 | 20MHz  | 16QAM | 41490  | 100RB#0 | -44.44,-41.45,-42.40,-47.75 | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#0   | -38.50,-22.77               | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#5   | -33.17,-41.20               | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 6RB#0   | -27.24,-30.10               | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#0   | -41.92,-33.77               | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#5   | -23.85,-38.79               | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 6RB#0   | -31.44,-27.55               | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0   | -39.44,-25.91               | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#5   | -34.43,-43.17               | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 6RB#0   | -28.93,-31.06               | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0   | -42.74,-35.10               | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#5   | -27.21,-39.63               | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 6RB#0   | -32.17,-29.29               | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 1RB#0   | -45.18,-39.09               | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 1RB#99  | -40.33,-59.87               | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 100RB#0 | -33.36,-35.93               | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 1RB#0   | -60.26,-36.42               | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 1RB#99  | -38.34,-42.98               | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 100RB#0 | -36.79,-32.76               | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 1RB#0   | -45.76,-38.60               | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 1RB#99  | -42.07,-60.70               | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 100RB#0 | -33.98,-37.18               | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 1RB#0   | -59.17,-38.93               | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 1RB#99  | -38.90,-43.63               | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 100RB#0 | -36.19,-31.90               | PASS |

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

# Test Graphs



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