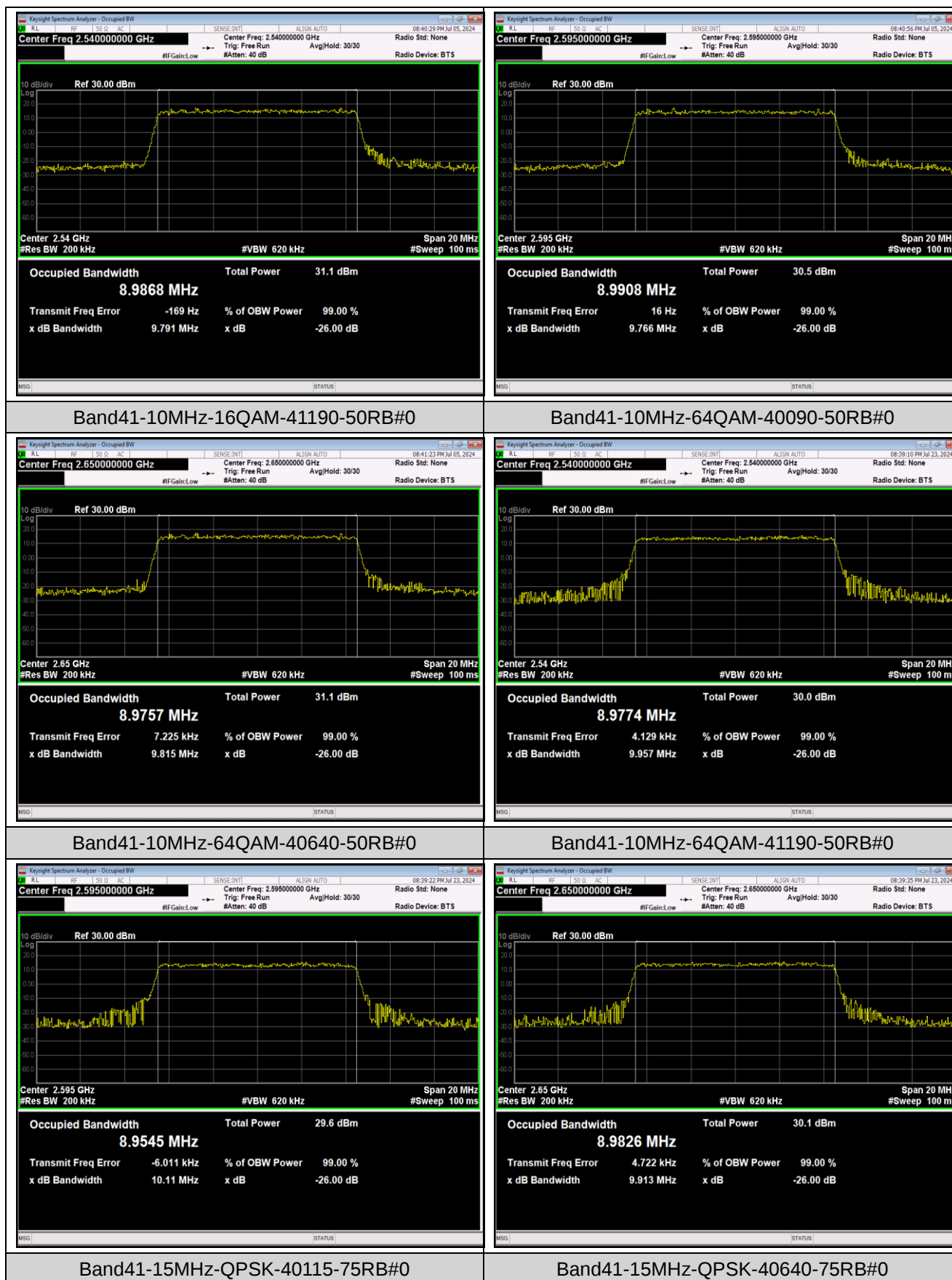
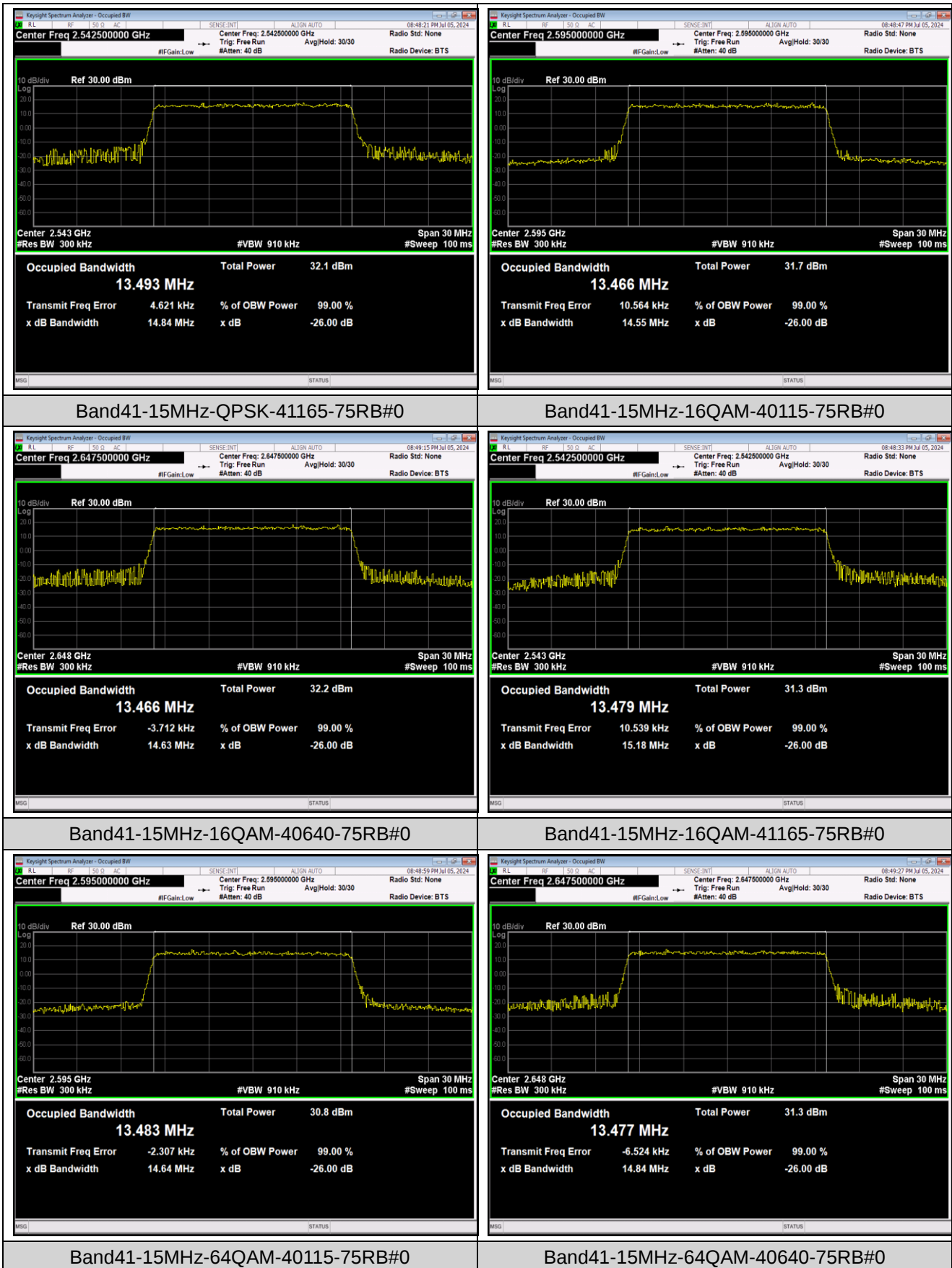
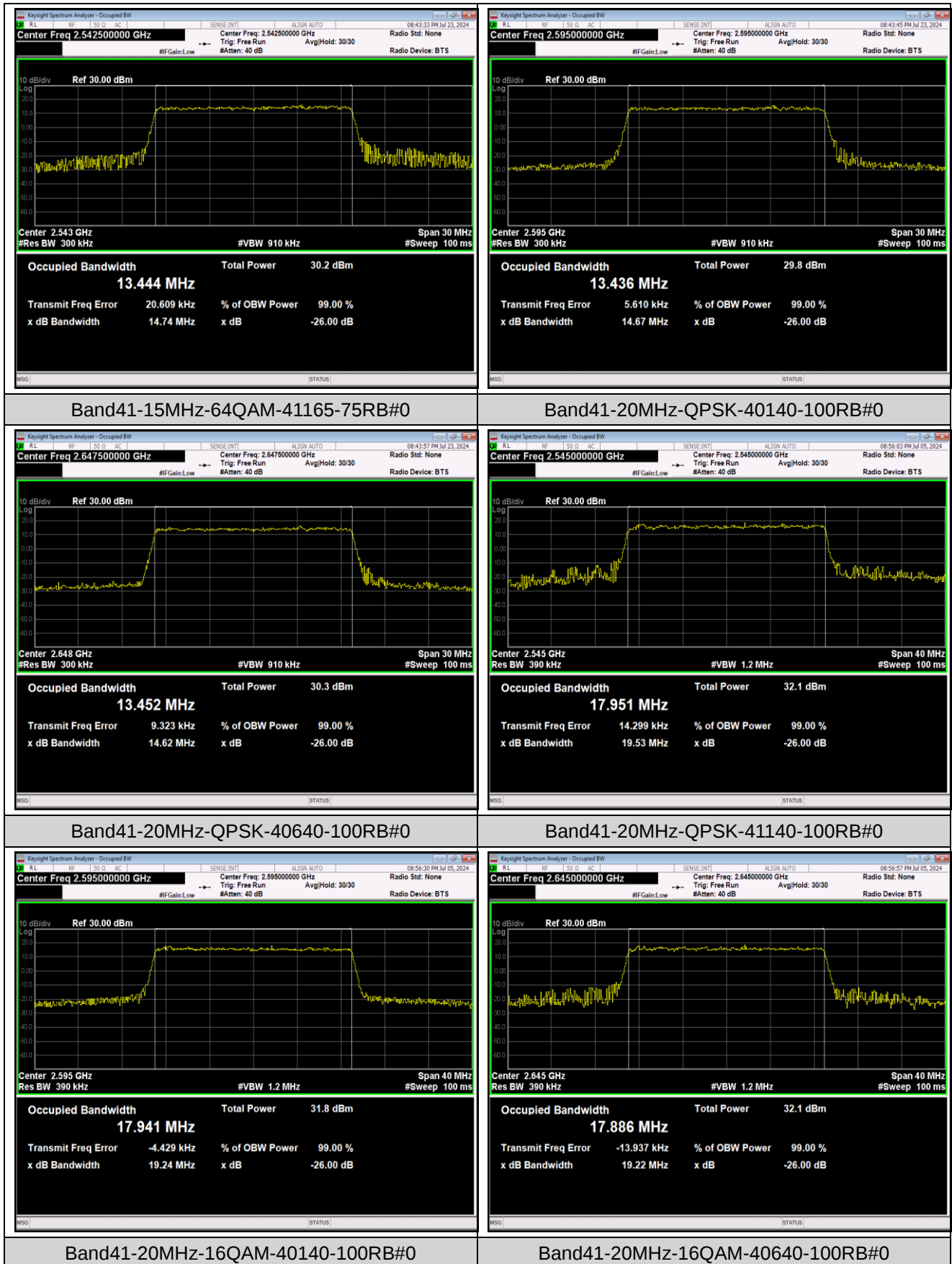










## Appendix D: Band Edge

### Test Result (worst case)

| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm)  | Verdict |
|-------|-----------|------------|---------|------------|---------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0      | -36.00,-27.48 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5      | -35.79,-46.68 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0      | -26.23,-30.74 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0      | -47.01,-36.70 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5      | -22.07,-35.75 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0      | -31.56,-26.32 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0      | -36.67,-28.70 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5      | -36.69,-47.68 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0      | -26.86,-31.02 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0      | -47.68,-37.09 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#5      | -25.85,-36.60 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0      | -32.57,-27.52 | PASS    |
| Band2 | 1.4MHz    | 64QAM      | 18607   | 1RB#0      | -36.90,-33.52 | PASS    |
| Band2 | 1.4MHz    | 64QAM      | 18607   | 1RB#5      | -37.11,-47.47 | PASS    |
| Band2 | 1.4MHz    | 64QAM      | 18607   | 6RB#0      | -28.07,-31.87 | PASS    |
| Band2 | 1.4MHz    | 64QAM      | 19193   | 1RB#0      | -46.94,-37.72 | PASS    |
| Band2 | 1.4MHz    | 64QAM      | 19193   | 1RB#5      | -25.03,-36.64 | PASS    |
| Band2 | 1.4MHz    | 64QAM      | 19193   | 6RB#0      | -33.12,-29.16 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0      | -42.23,-42.92 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#99     | -42.74,-49.93 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0    | -30.36,-34.36 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0      | -48.76,-44.43 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#99     | -41.85,-41.45 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0    | -32.53,-28.51 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0      | -43.14,-41.58 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#99     | -43.90,-50.58 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0    | -30.71,-34.66 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0      | -49.64,-45.28 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#99     | -39.97,-42.63 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0    | -33.18,-28.88 | PASS    |
| Band2 | 20MHz     | 64QAM      | 18700   | 1RB#0      | -43.84,-43.54 | PASS    |
| Band2 | 20MHz     | 64QAM      | 18700   | 1RB#99     | -44.92,-52.26 | PASS    |
| Band2 | 20MHz     | 64QAM      | 18700   | 100RB#0    | -31.39,-35.34 | PASS    |
| Band2 | 20MHz     | 64QAM      | 19100   | 1RB#0      | -50.75,-46.06 | PASS    |
| Band2 | 20MHz     | 64QAM      | 19100   | 1RB#99     | -43.77,-43.75 | PASS    |
| Band2 | 20MHz     | 64QAM      | 19100   | 100RB#0    | -34.34,-30.15 | PASS    |

|       |        |       |       |         |               |      |
|-------|--------|-------|-------|---------|---------------|------|
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#0   | -35.92,-25.69 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#5   | -35.20,-46.35 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 6RB#0   | -25.71,-30.95 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#0   | -46.77,-36.41 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#5   | -31.86,-36.33 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0   | -29.69,-27.21 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0   | -36.81,-26.54 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5   | -36.18,-46.69 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0   | -26.57,-30.68 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0   | -47.94,-37.06 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5   | -29.69,-36.93 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0   | -30.77,-27.13 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#0   | -36.79,-30.98 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#5   | -36.60,-45.68 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0   | -28.10,-31.87 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#0   | -48.82,-37.68 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5   | -37.64,-36.83 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0   | -30.43,-28.55 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 1RB#0   | -41.51,-43.06 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 1RB#99  | -41.11,-51.32 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 100RB#0 | -29.63,-33.55 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 1RB#0   | -51.60,-29.51 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 1RB#99  | -42.52,-39.47 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 100RB#0 | -32.22,-28.17 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#0   | -42.80,-44.14 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#99  | -42.29,-53.17 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 100RB#0 | -29.92,-33.90 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#0   | -50.61,-31.15 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#99  | -41.55,-40.53 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | -33.32,-28.78 | PASS |
| Band4 | 20MHz  | 64QAM | 20050 | 1RB#0   | -43.84,-43.68 | PASS |
| Band4 | 20MHz  | 64QAM | 20050 | 1RB#99  | -43.46,-52.15 | PASS |
| Band4 | 20MHz  | 64QAM | 20050 | 100RB#0 | -30.93,-34.87 | PASS |
| Band4 | 20MHz  | 64QAM | 20300 | 1RB#0   | -52.96,-32.91 | PASS |
| Band4 | 20MHz  | 64QAM | 20300 | 1RB#99  | -44.10,-41.82 | PASS |
| Band4 | 20MHz  | 64QAM | 20300 | 100RB#0 | -36.67,-32.20 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | -46.28,-26.30 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#5   | -45.23,-47.58 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | -38.32,-31.48 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0   | -47.84,-44.98 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5   | -27.96,-46.49 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0   | -34.43,-38.74 | PASS |

|       |        |       |       |        |                             |      |
|-------|--------|-------|-------|--------|-----------------------------|------|
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0  | -47.14,-31.69               | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5  | -46.23,-48.63               | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | -39.76,-34.08               | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | -49.19,-46.19               | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | -30.99,-47.33               | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | -36.29,-40.05               | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#0  | -47.91,-30.94               | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#5  | -46.90,-49.44               | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0  | -40.55,-35.82               | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0  | -49.38,-46.76               | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5  | -30.10,-47.87               | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0  | -38.09,-40.86               | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 1RB#0  | -47.73,-37.18               | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 1RB#49 | -42.52,-51.57               | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 50RB#0 | -39.07,-32.59               | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 1RB#0  | -53.88,-40.37               | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 1RB#49 | -36.54,-47.79               | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 50RB#0 | -35.98,-43.13               | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 1RB#0  | -48.88,-35.37               | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 1RB#49 | -43.94,-54.02               | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 50RB#0 | -40.89,-34.85               | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 1RB#0  | -53.08,-41.14               | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 1RB#49 | -36.95,-48.51               | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 50RB#0 | -37.09,-44.17               | PASS |
| Band5 | 10MHz  | 64QAM | 20450 | 1RB#0  | -50.08,-37.94               | PASS |
| Band5 | 10MHz  | 64QAM | 20450 | 1RB#49 | -44.85,-53.47               | PASS |
| Band5 | 10MHz  | 64QAM | 20450 | 50RB#0 | -43.35,-37.32               | PASS |
| Band5 | 10MHz  | 64QAM | 20600 | 1RB#0  | -55.00,-42.33               | PASS |
| Band5 | 10MHz  | 64QAM | 20600 | 1RB#49 | -39.80,-49.55               | PASS |
| Band5 | 10MHz  | 64QAM | 20600 | 50RB#0 | -39.42,-46.37               | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 1RB#0  | -47.18,-41.54,-36.36,-28.74 | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 1RB#24 | -49.40,-36.45,-36.22,-50.03 | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 25RB#0 | -44.18,-37.38,-27.76,-32.16 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 1RB#0  | -48.35,-35.76,-46.17,-49.08 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 1RB#24 | -27.59,-36.01,-44.97,-48.14 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 25RB#0 | -32.62,-27.93,-39.36,-41.62 | PASS |
| Band7 | 5MHz   | 16QAM | 20775 | 1RB#0  | -48.09,-42.16,-37.43,-29.38 | PASS |
| Band7 | 5MHz   | 16QAM | 20775 | 1RB#24 | -49.53,-37.59,-36.75,-52.02 | PASS |
| Band7 | 5MHz   | 16QAM | 20775 | 25RB#0 | -44.39,-38.93,-30.69,-34.48 | PASS |
| Band7 | 5MHz   | 16QAM | 21425 | 1RB#0  | -50.36,-36.34,-46.40,-49.16 | PASS |
| Band7 | 5MHz   | 16QAM | 21425 | 1RB#24 | -28.33,-36.47,-45.07,-48.54 | PASS |
| Band7 | 5MHz   | 16QAM | 21425 | 25RB#0 | -34.73,-29.82,-39.78,-42.24 | PASS |

|        |       |       |       |         |                             |      |
|--------|-------|-------|-------|---------|-----------------------------|------|
| Band7  | 5MHz  | 64QAM | 20775 | 1RB#0   | -44.75,-40.18,-32.85,-45.05 | PASS |
| Band7  | 5MHz  | 64QAM | 20775 | 1RB#24  | -49.73,-38.25,-37.40,-52.88 | PASS |
| Band7  | 5MHz  | 64QAM | 20775 | 25RB#0  | -45.08,-40.12,-33.22,-37.35 | PASS |
| Band7  | 5MHz  | 64QAM | 21425 | 1RB#0   | -43.87,-32.25,-41.65,-43.47 | PASS |
| Band7  | 5MHz  | 64QAM | 21425 | 1RB#24  | -30.63,-37.72,-45.74,-48.85 | PASS |
| Band7  | 5MHz  | 64QAM | 21425 | 25RB#0  | -36.74,-32.04,-41.40,-43.56 | PASS |
| Band7  | 20MHz | QPSK  | 20850 | 1RB#0   | -40.49,-41.00,-39.83        | PASS |
| Band7  | 20MHz | QPSK  | 20850 | 1RB#99  | -44.82,-45.72,-51.79        | PASS |
| Band7  | 20MHz | QPSK  | 20850 | 100RB#0 | -37.36,-34.89,-33.39,-36.41 | PASS |
| Band7  | 20MHz | QPSK  | 21350 | 1RB#0   | -51.65,-44.88,-36.96,-50.24 | PASS |
| Band7  | 20MHz | QPSK  | 21350 | 1RB#99  | -42.50,-40.46,-40.48,-49.83 | PASS |
| Band7  | 20MHz | QPSK  | 21350 | 100RB#0 | -34.75,-31.91,-34.10,-44.91 | PASS |
| Band7  | 20MHz | 16QAM | 20850 | 1RB#0   | -41.64,-41.93,-42.18        | PASS |
| Band7  | 20MHz | 16QAM | 20850 | 1RB#99  | -45.34,-45.79,-50.32        | PASS |
| Band7  | 20MHz | 16QAM | 20850 | 100RB#0 | -39.50,-37.07,-36.14,-39.48 | PASS |
| Band7  | 20MHz | 16QAM | 21350 | 1RB#0   | -50.59,-45.18,-38.70,-50.26 | PASS |
| Band7  | 20MHz | 16QAM | 21350 | 1RB#99  | -41.68,-41.57,-42.07,-49.85 | PASS |
| Band7  | 20MHz | 16QAM | 21350 | 100RB#0 | -37.53,-34.17,-36.14,-45.81 | PASS |
| Band7  | 20MHz | 64QAM | 20850 | 1RB#0   | -39.20,-38.15,-52.43        | PASS |
| Band7  | 20MHz | 64QAM | 20850 | 1RB#99  | -45.92,-46.54,-53.56        | PASS |
| Band7  | 20MHz | 64QAM | 20850 | 100RB#0 | -41.07,-39.22,-38.08,-41.75 | PASS |
| Band7  | 20MHz | 64QAM | 21350 | 1RB#0   | -48.27,-36.41,-39.15,-47.27 | PASS |
| Band7  | 20MHz | 64QAM | 21350 | 1RB#99  | -43.13,-42.42,-43.34,-49.83 | PASS |
| Band7  | 20MHz | 64QAM | 21350 | 100RB#0 | -39.58,-36.20,-38.04,-46.96 | PASS |
| Band41 | 5MHz  | QPSK  | 40065 | 1RB#0   | -47.91,-46.58,-37.57,-34.32 | PASS |
| Band41 | 5MHz  | QPSK  | 40065 | 1RB#24  | -49.61,-47.58,-38.25,-55.66 | PASS |
| Band41 | 5MHz  | QPSK  | 40065 | 25RB#0  | -44.97,-43.90,-34.27,-37.89 | PASS |
| Band41 | 5MHz  | QPSK  | 41215 | 1RB#0   | -52.97,-38.89,-47.09,-48.65 | PASS |
| Band41 | 5MHz  | QPSK  | 41215 | 1RB#24  | -30.94,-37.19,-46.14,-47.62 | PASS |
| Band41 | 5MHz  | QPSK  | 41215 | 25RB#0  | -37.05,-33.62,-40.68,-43.74 | PASS |
| Band41 | 5MHz  | 16QAM | 40065 | 1RB#0   | -48.46,-47.10,-37.82,-35.90 | PASS |
| Band41 | 5MHz  | 16QAM | 40065 | 1RB#24  | -49.71,-47.92,-39.31,-52.23 | PASS |
| Band41 | 5MHz  | 16QAM | 40065 | 25RB#0  | -45.29,-43.15,-36.15,-40.26 | PASS |
| Band41 | 5MHz  | 16QAM | 41215 | 1RB#0   | -52.58,-39.36,-47.23,-48.73 | PASS |
| Band41 | 5MHz  | 16QAM | 41215 | 1RB#24  | -33.30,-38.45,-46.15,-48.01 | PASS |
| Band41 | 5MHz  | 16QAM | 41215 | 25RB#0  | -38.71,-31.93,-41.45,-44.04 | PASS |
| Band41 | 5MHz  | 64QAM | 40065 | 1RB#0   | -49.14,-47.19,-38.83,-35.63 | PASS |
| Band41 | 5MHz  | 64QAM | 40065 | 1RB#24  | -49.78,-48.05,-40.47,-54.51 | PASS |
| Band41 | 5MHz  | 64QAM | 40065 | 25RB#0  | -48.70,-50.26,-50.21,-59.64 | PASS |
| Band41 | 5MHz  | 64QAM | 41215 | 1RB#0   | -53.14,-40.43,-47.30,-48.73 | PASS |
| Band41 | 5MHz  | 64QAM | 41215 | 1RB#24  | -34.89,-38.52,-46.73,-48.35 | PASS |
| Band41 | 5MHz  | 64QAM | 41215 | 25RB#0  | -40.63,-35.82,-43.27,-44.87 | PASS |

|        |       |       |       |         |                             |      |
|--------|-------|-------|-------|---------|-----------------------------|------|
| Band41 | 20MHz | QPSK  | 40140 | 1RB#0   | -50.31,-44.45,-42.94,-44.09 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 1RB#99  | -50.42,-42.82,-47.91,-56.21 | PASS |
| Band41 | 20MHz | QPSK  | 40140 | 100RB#0 | -49.64,-40.38,-38.28,-41.05 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#0   | -53.65,-46.87,-41.13,-49.61 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#99  | -46.88,-42.77,-44.54,-49.32 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 100RB#0 | -42.49,-38.69,-41.24,-45.29 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 1RB#0   | -50.33,-45.75,-43.87,-46.11 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 1RB#99  | -50.44,-44.08,-47.82,-57.19 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | -49.47,-41.53,-40.74,-43.84 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0   | -56.18,-47.20,-42.03,-49.64 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#99  | -43.37,-43.68,-45.21,-49.44 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | -43.24,-38.08,-40.47,-46.54 | PASS |
| Band41 | 20MHz | 64QAM | 40140 | 1RB#0   | -50.27,-46.17,-44.25,-47.15 | PASS |
| Band41 | 20MHz | 64QAM | 40140 | 1RB#99  | -50.36,-44.59,-48.38,-57.27 | PASS |
| Band41 | 20MHz | 64QAM | 40140 | 100RB#0 | -49.80,-43.62,-41.77,-45.93 | PASS |
| Band41 | 20MHz | 64QAM | 41140 | 1RB#0   | -56.12,-47.60,-43.28,-49.54 | PASS |
| Band41 | 20MHz | 64QAM | 41140 | 1RB#99  | -45.79,-44.13,-46.14,-49.35 | PASS |
| Band41 | 20MHz | 64QAM | 41140 | 100RB#0 | -44.86,-41.05,-42.44,-47.70 | PASS |

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

## Test Graphs

