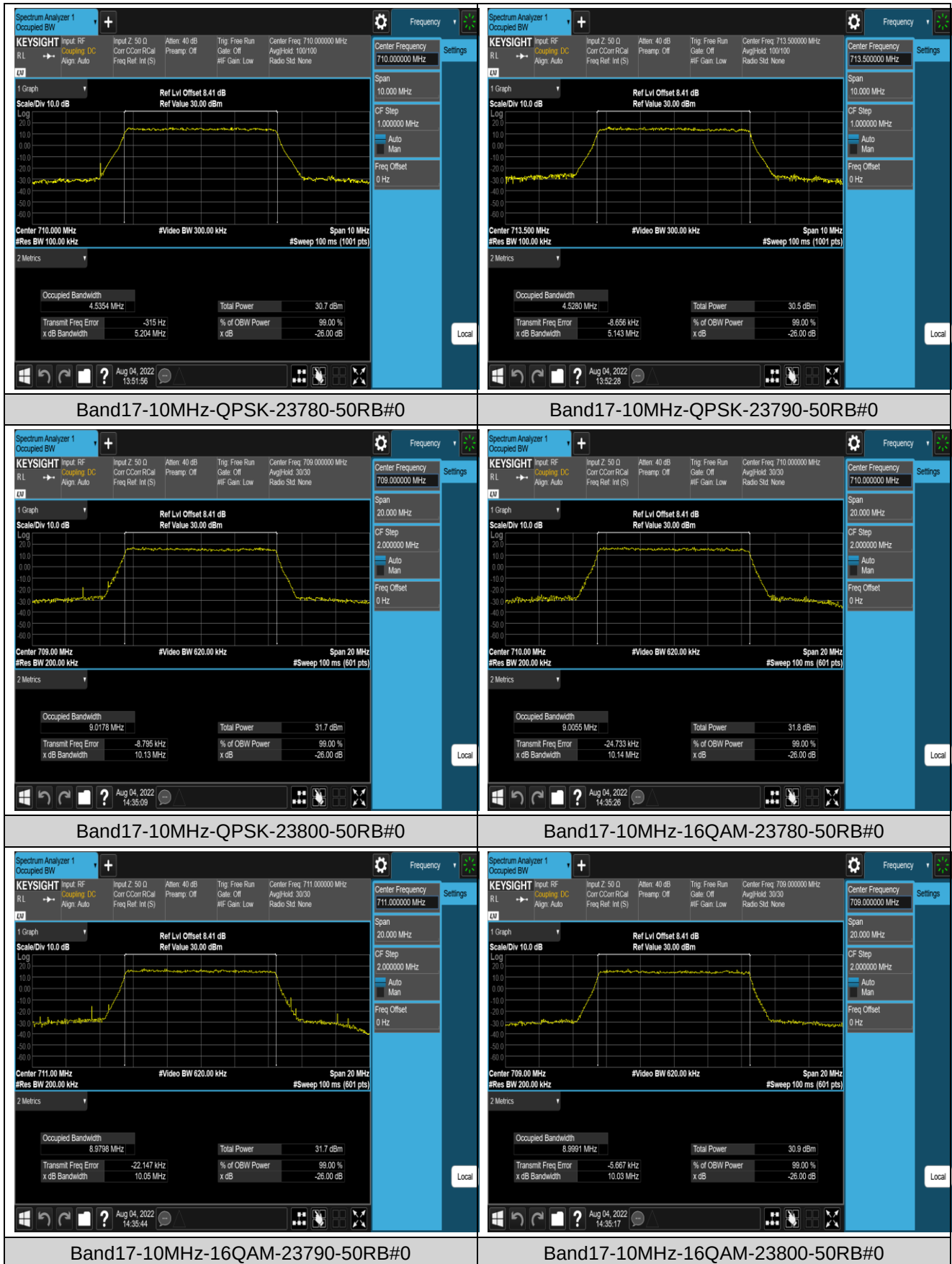
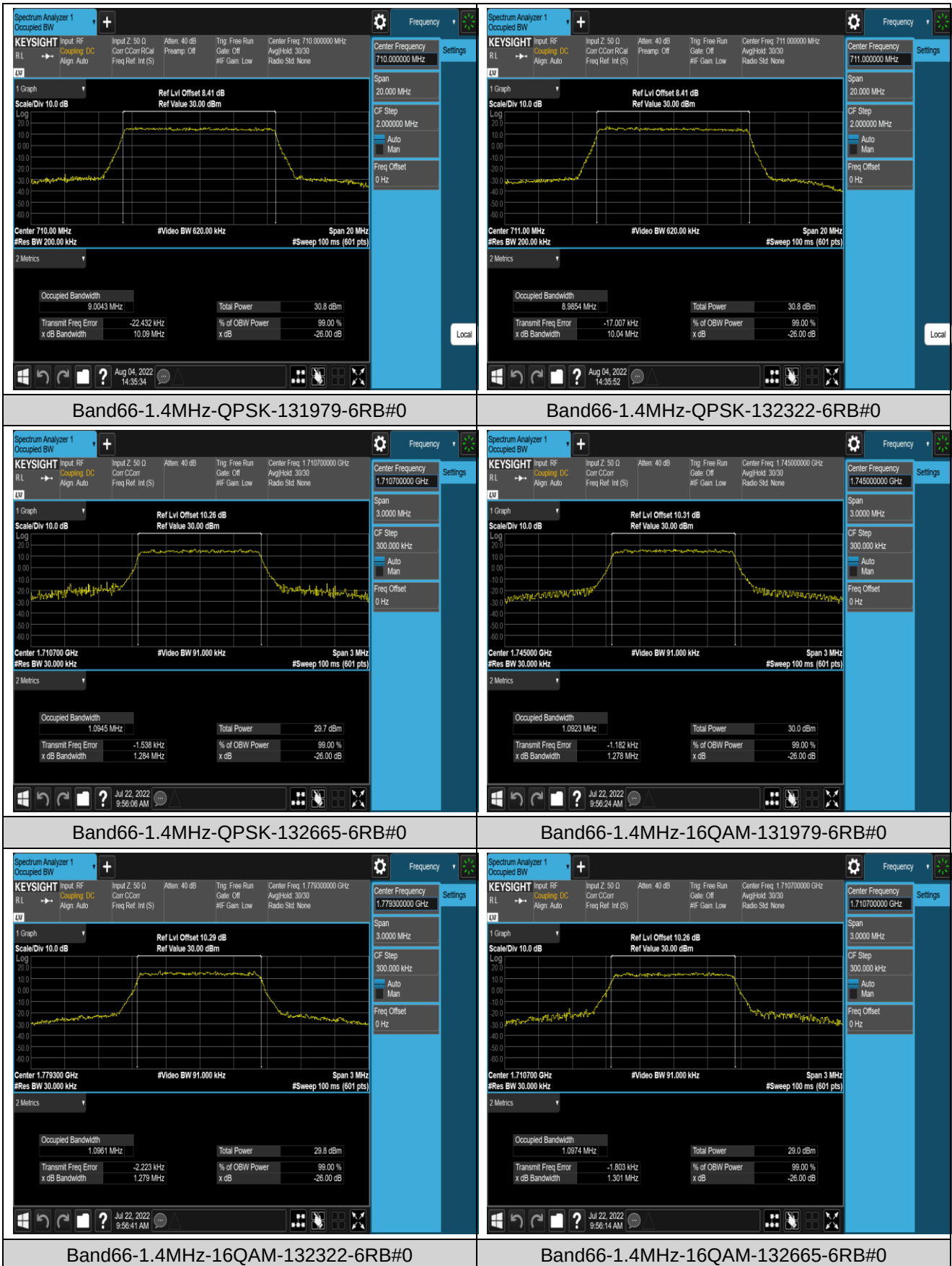
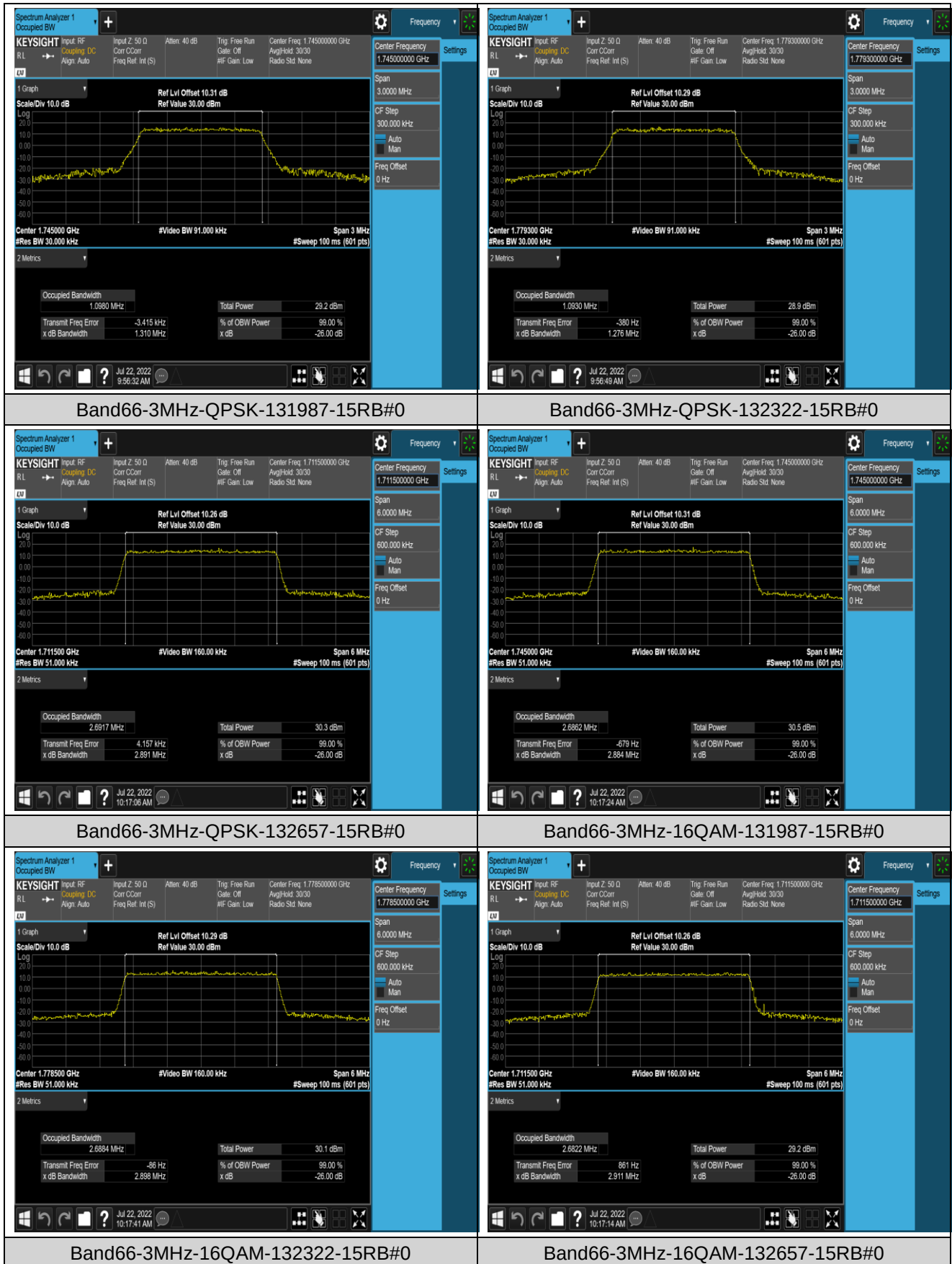
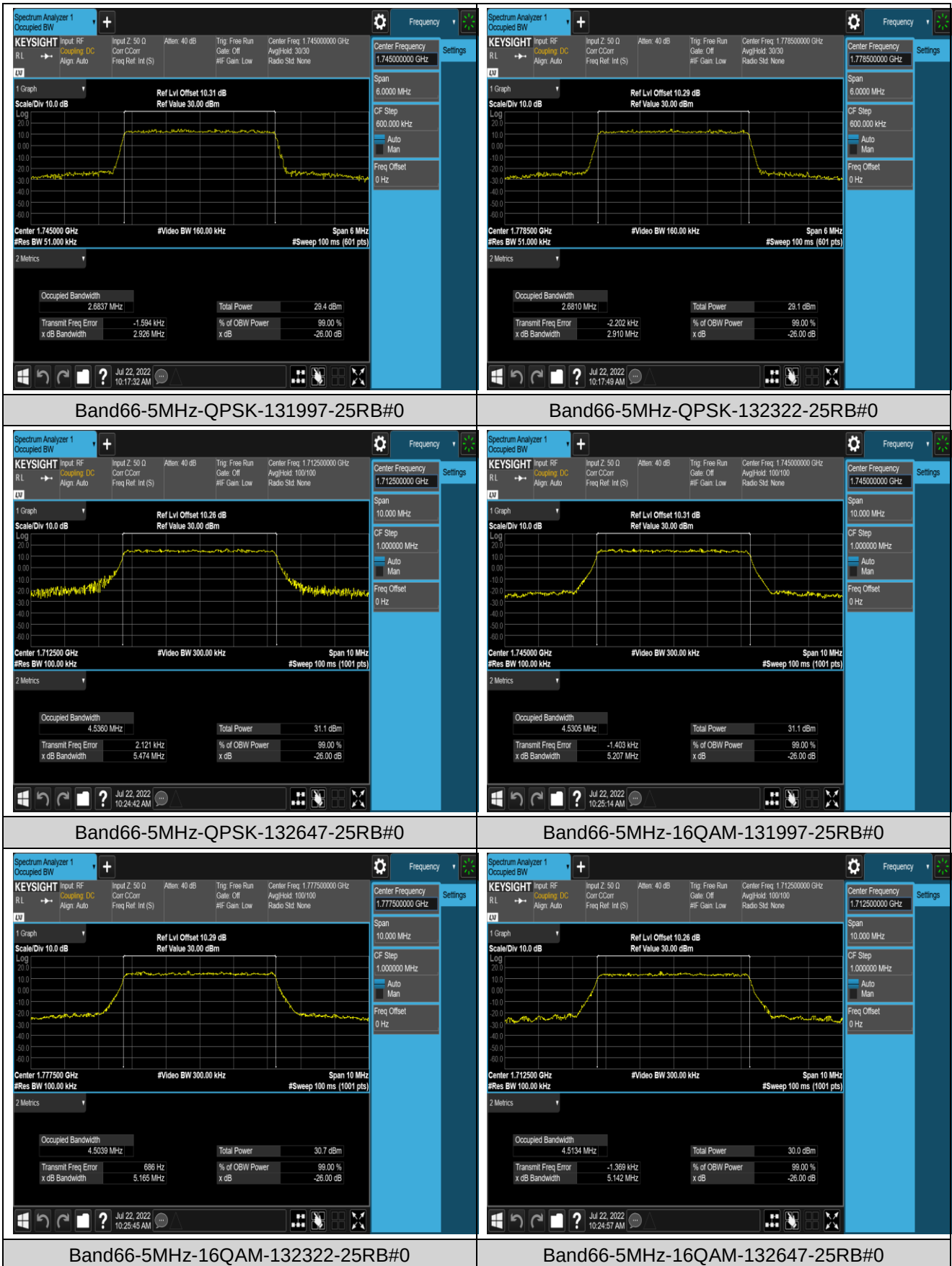
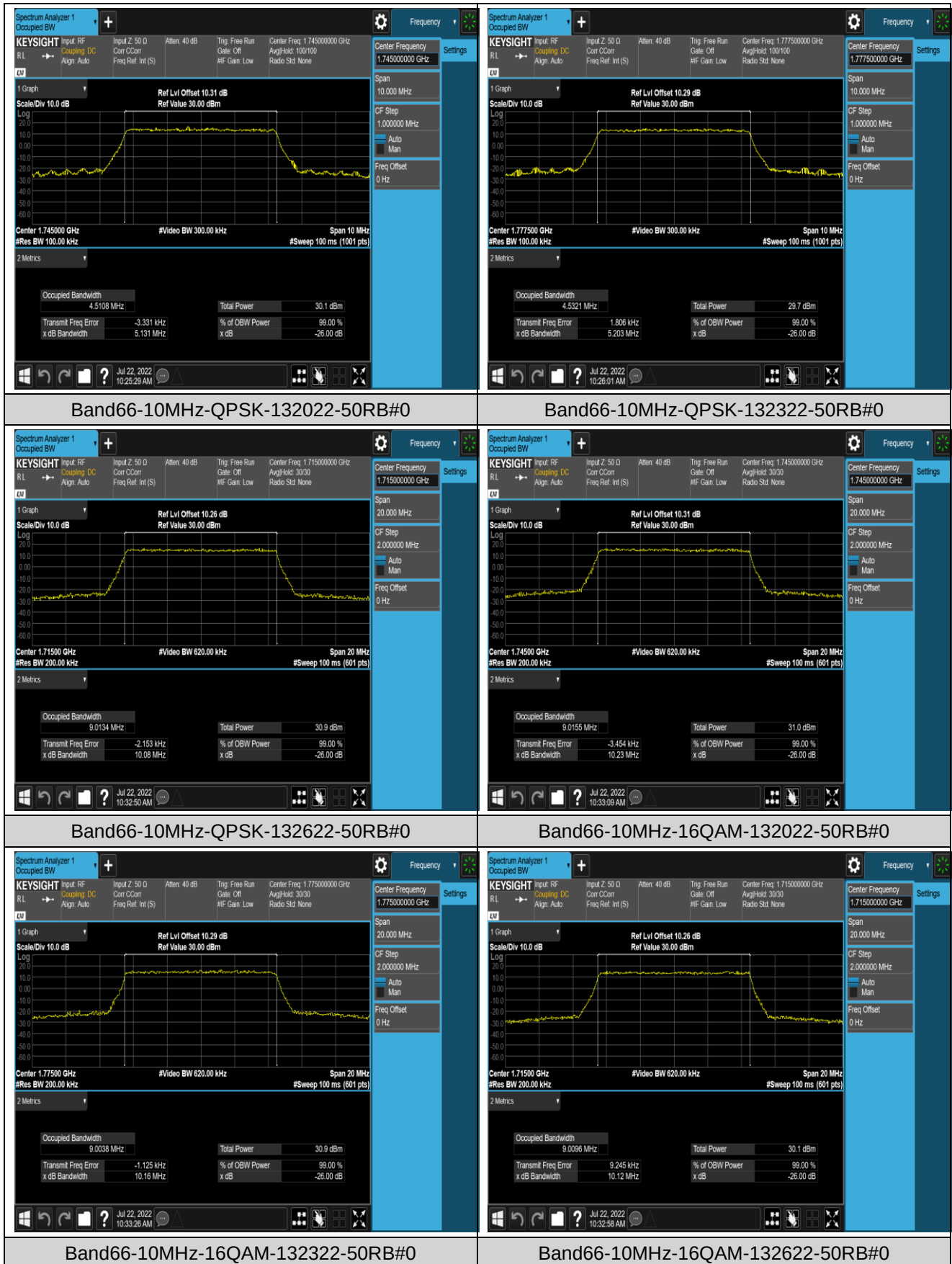


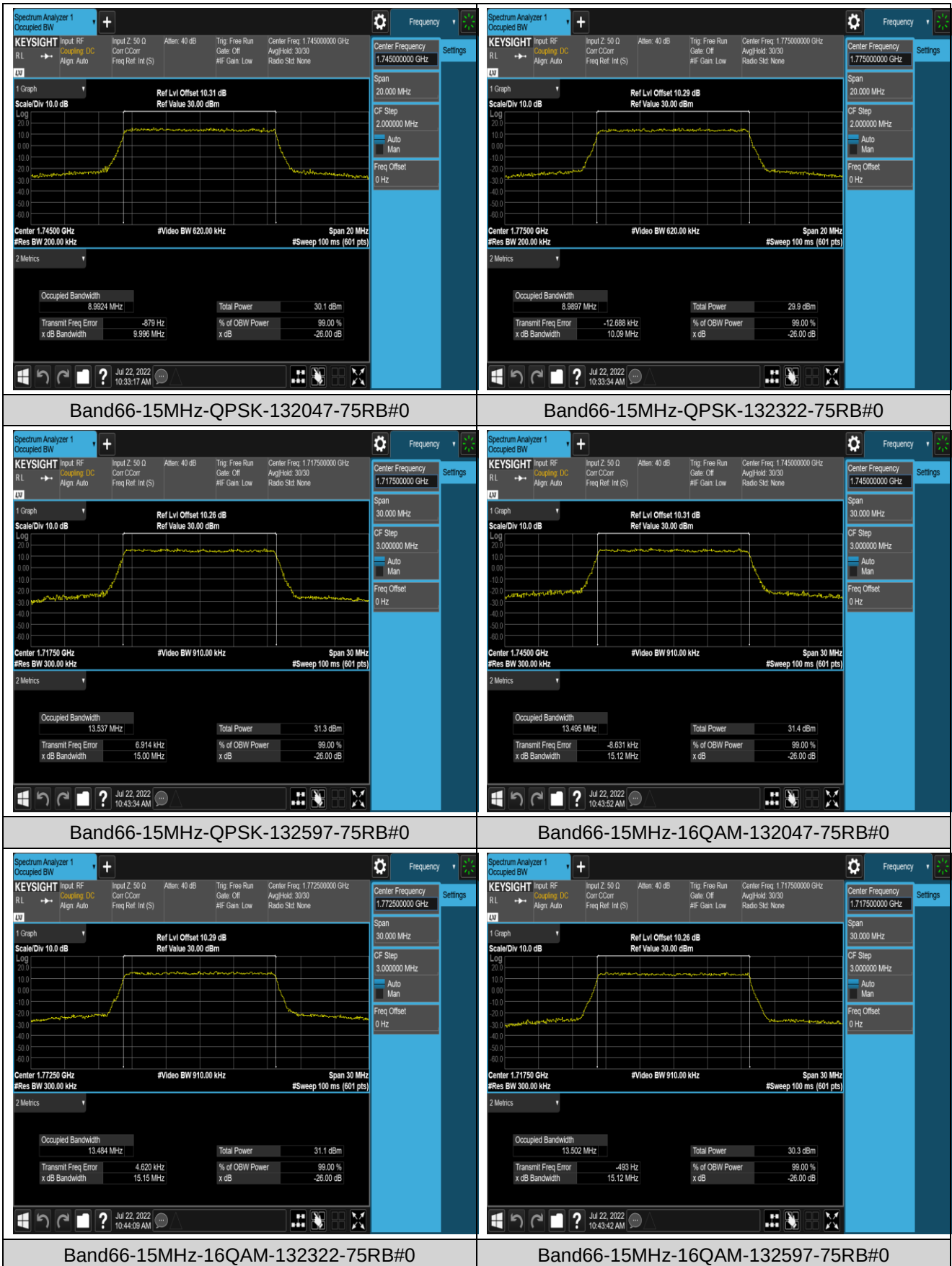


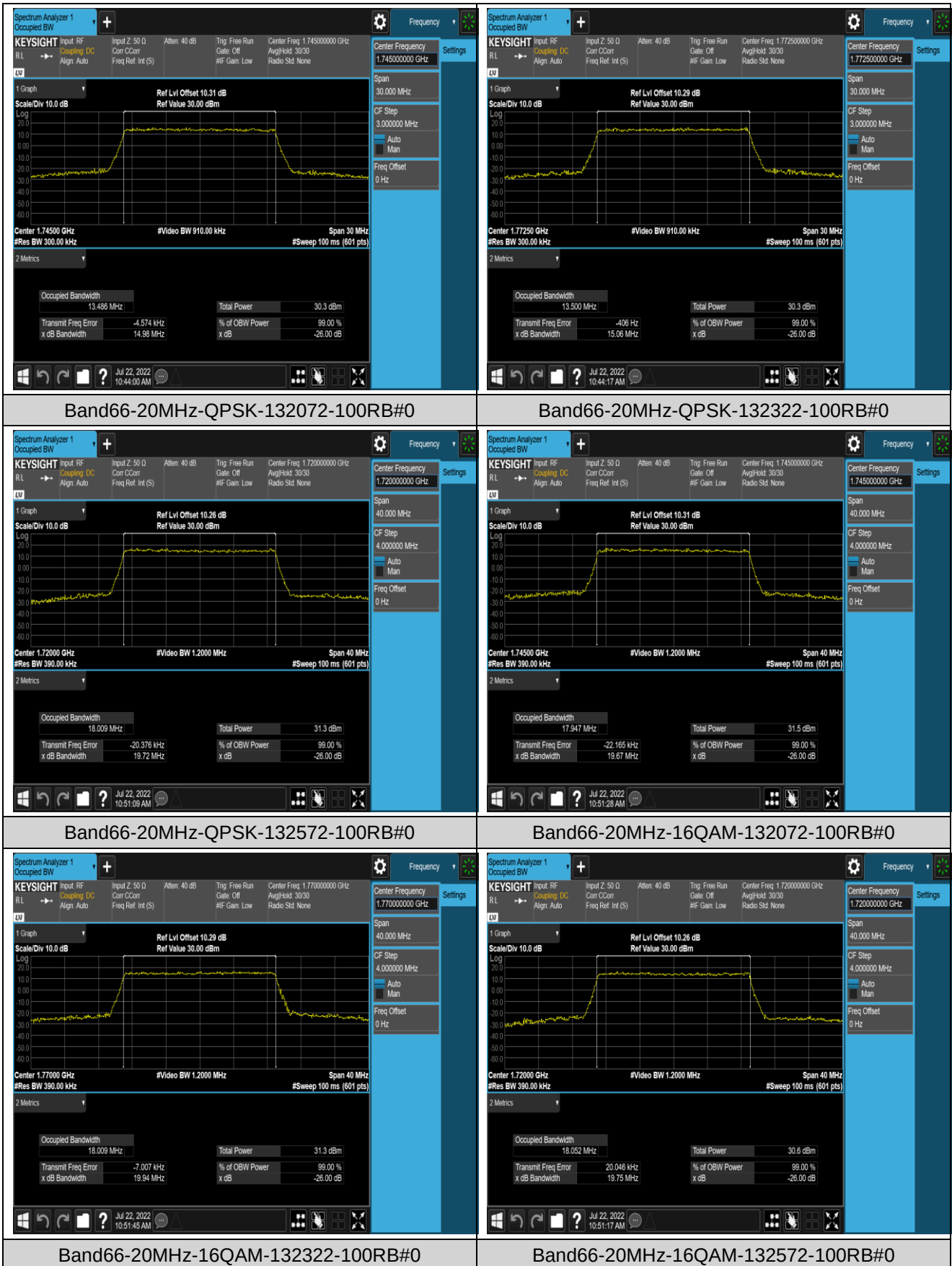














## Appendix D: Band Edge

### Test Result (worst case)

| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm)  | Verdict |
|-------|-----------|------------|---------|------------|---------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0      | -35.03,-25.45 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5      | -31.87,-40.98 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0      | -28.89,-28.26 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0      | -37.83,-30.09 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5      | -23.90,-33.36 | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0      | -27.82,-27.71 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0      | -36.79,-26.80 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5      | -33.03,-41.78 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0      | -30.77,-30.92 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0      | -39.69,-31.98 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#5      | -27.64,-34.71 | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0      | -30.65,-29.78 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0      | -43.46,-34.44 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#99     | -46.66,-59.66 | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0    | -27.34,-31.27 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0      | -59.36,-46.89 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#99     | -32.09,-43.11 | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0    | -32.71,-29.14 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0      | -43.62,-33.46 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#99     | -46.89,-60.32 | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0    | -30.70,-34.45 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0      | -59.90,-46.99 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#99     | -31.68,-43.41 | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0    | -35.65,-31.93 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0      | -51.80,-24.46 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5      | -53.26,-42.53 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0      | -42.49,-31.91 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0      | -41.07,-52.69 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5      | -25.16,-47.76 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0      | -31.33,-40.31 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0      | -51.85,-29.24 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5      | -52.53,-44.33 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0      | -43.85,-31.74 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0      | -42.44,-52.31 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5      | -25.79,-48.56 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0      | -30.72,-39.82 | PASS    |

|            |        |       |       |         |                             |      |
|------------|--------|-------|-------|---------|-----------------------------|------|
| Band5      | 10MHz  | QPSK  | 20450 | 1RB#0   | -53.11,-28.42               | PASS |
| Band5      | 10MHz  | QPSK  | 20450 | 1RB#49  | -48.72,-55.51               | PASS |
| Band5      | 10MHz  | QPSK  | 20450 | 50RB#0  | -38.92,-30.47               | PASS |
| Band5      | 10MHz  | QPSK  | 20600 | 1RB#0   | -57.70,-40.93               | PASS |
| Band5      | 10MHz  | QPSK  | 20600 | 1RB#49  | -25.96,-50.65               | PASS |
| Band5      | 10MHz  | QPSK  | 20600 | 50RB#0  | -31.44,-38.93               | PASS |
| Band5      | 10MHz  | 16QAM | 20450 | 1RB#0   | -53.40,-27.27               | PASS |
| Band5      | 10MHz  | 16QAM | 20450 | 1RB#49  | -50.65,-55.91               | PASS |
| Band5      | 10MHz  | 16QAM | 20450 | 50RB#0  | -38.69,-30.50               | PASS |
| Band5      | 10MHz  | 16QAM | 20600 | 1RB#0   | -56.92,-43.27               | PASS |
| Band5      | 10MHz  | 16QAM | 20600 | 1RB#49  | -28.26,-51.05               | PASS |
| Band5      | 10MHz  | 16QAM | 20600 | 50RB#0  | -31.28,-38.61               | PASS |
| Band7      | 5MHz   | QPSK  | 20775 | 1RB#0   | -43.26,-30.79,-30.68,-19.75 | PASS |
| Band7      | 5MHz   | QPSK  | 20775 | 1RB#24  | -49.47,-26.60,-26.85,-53.51 | PASS |
| Band7      | 5MHz   | QPSK  | 20775 | 25RB#0  | -34.81,-27.32,-21.27,-25.47 | PASS |
| Band7      | 5MHz   | QPSK  | 21425 | 1RB#0   | -53.95,-27.84,-46.53,-49.73 | PASS |
| Band7      | 5MHz   | QPSK  | 21425 | 1RB#24  | -18.33,-31.88,-47.75,-44.92 | PASS |
| Band7      | 5MHz   | QPSK  | 21425 | 25RB#0  | -25.11,-22.18,-31.16,-33.81 | PASS |
| Band7      | 5MHz   | 16QAM | 20775 | 1RB#0   | -45.38,-33.00,-32.77,-19.15 | PASS |
| Band7      | 5MHz   | 16QAM | 20775 | 1RB#24  | -49.65,-28.82,-28.66,-53.63 | PASS |
| Band7      | 5MHz   | 16QAM | 20775 | 25RB#0  | -36.11,-29.13,-22.64,-26.87 | PASS |
| Band7      | 5MHz   | 16QAM | 21425 | 1RB#0   | -54.63,-28.83,-46.77,-49.75 | PASS |
| Band7      | 5MHz   | 16QAM | 21425 | 1RB#24  | -23.39,-32.96,-47.74,-45.96 | PASS |
| Band7      | 5MHz   | 16QAM | 21425 | 25RB#0  | -26.55,-22.85,-31.75,-35.43 | PASS |
| Band7      | 20MHz  | QPSK  | 20850 | 1RB#0   | -45.25,-42.24,-33.85        | PASS |
| Band7      | 20MHz  | QPSK  | 20850 | 1RB#99  | -47.49,-45.73,-58.87        | PASS |
| Band7      | 20MHz  | QPSK  | 20850 | 100RB#0 | -34.53,-31.01,-29.11,-32.39 | PASS |
| Band7      | 20MHz  | QPSK  | 21350 | 1RB#0   | -58.74,-45.68,-33.14,-51.24 | PASS |
| Band7      | 20MHz  | QPSK  | 21350 | 1RB#99  | -34.83,-42.52,-43.74,-51.32 | PASS |
| Band7      | 20MHz  | QPSK  | 21350 | 100RB#0 | -29.17,-25.66,-28.05,-41.77 | PASS |
| Band7      | 20MHz  | 16QAM | 20850 | 1RB#0   | -45.80,-42.46,-34.38        | PASS |
| Band7      | 20MHz  | 16QAM | 20850 | 1RB#99  | -47.66,-45.70,-58.73        | PASS |
| Band7      | 20MHz  | 16QAM | 20850 | 100RB#0 | -35.54,-31.85,-30.11,-33.17 | PASS |
| Band7      | 20MHz  | 16QAM | 21350 | 1RB#0   | -58.39,-45.65,-36.03,-51.24 | PASS |
| Band7      | 20MHz  | 16QAM | 21350 | 1RB#99  | -32.73,-42.82,-44.68,-51.36 | PASS |
| Band7      | 20MHz  | 16QAM | 21350 | 100RB#0 | -30.62,-26.83,-28.51,-40.98 | PASS |
| Band1<br>2 | 1.4MHz | QPSK  | 23017 | 1RB#0   | -36.65,-25.60               | PASS |
| Band1<br>2 | 1.4MHz | QPSK  | 23017 | 1RB#5   | -40.38,-50.32               | PASS |
| Band1<br>2 | 1.4MHz | QPSK  | 23017 | 6RB#0   | -33.34,-33.19               | PASS |

|            |        |       |       |        |               |      |
|------------|--------|-------|-------|--------|---------------|------|
| Band1<br>2 | 1.4MHz | QPSK  | 23173 | 1RB#0  | -50.77,-37.05 | PASS |
| Band1<br>2 | 1.4MHz | QPSK  | 23173 | 1RB#5  | -24.14,-33.94 | PASS |
| Band1<br>2 | 1.4MHz | QPSK  | 23173 | 6RB#0  | -32.26,-31.50 | PASS |
| Band1<br>2 | 1.4MHz | 16QAM | 23017 | 1RB#0  | -36.97,-27.33 | PASS |
| Band1<br>2 | 1.4MHz | 16QAM | 23017 | 1RB#5  | -42.30,-50.93 | PASS |
| Band1<br>2 | 1.4MHz | 16QAM | 23017 | 6RB#0  | -34.19,-33.74 | PASS |
| Band1<br>2 | 1.4MHz | 16QAM | 23173 | 1RB#0  | -50.34,-39.04 | PASS |
| Band1<br>2 | 1.4MHz | 16QAM | 23173 | 1RB#5  | -27.33,-36.35 | PASS |
| Band1<br>2 | 1.4MHz | 16QAM | 23173 | 6RB#0  | -33.63,-34.16 | PASS |
| Band1<br>2 | 10MHz  | QPSK  | 23060 | 1RB#0  | -37.82,-28.46 | PASS |
| Band1<br>2 | 10MHz  | QPSK  | 23060 | 1RB#49 | -67.83,-72.62 | PASS |
| Band1<br>2 | 10MHz  | QPSK  | 23060 | 50RB#0 | -39.87,-41.28 | PASS |
| Band1<br>2 | 10MHz  | QPSK  | 23130 | 1RB#0  | -57.84,-53.57 | PASS |
| Band1<br>2 | 10MHz  | QPSK  | 23130 | 1RB#49 | -27.79,-36.79 | PASS |
| Band1<br>2 | 10MHz  | QPSK  | 23130 | 50RB#0 | -41.67,-40.58 | PASS |
| Band1<br>2 | 10MHz  | 16QAM | 23060 | 1RB#0  | -39.21,-29.29 | PASS |
| Band1<br>2 | 10MHz  | 16QAM | 23060 | 1RB#49 | -52.83,-56.67 | PASS |
| Band1<br>2 | 10MHz  | 16QAM | 23060 | 50RB#0 | -40.68,-41.96 | PASS |
| Band1<br>2 | 10MHz  | 16QAM | 23130 | 1RB#0  | -57.85,-53.65 | PASS |
| Band1<br>2 | 10MHz  | 16QAM | 23130 | 1RB#49 | -28.87,-37.67 | PASS |
| Band1<br>2 | 10MHz  | 16QAM | 23130 | 50RB#0 | -42.51,-41.64 | PASS |

|            |       |       |       |        |                                                         |      |
|------------|-------|-------|-------|--------|---------------------------------------------------------|------|
| Band1<br>3 | 5MHz  | QPSK  | 23205 | 1RB#0  | -66.96,-72.66,-28.45,-21.87                             | PASS |
| Band1<br>3 | 5MHz  | QPSK  | 23205 | 1RB#24 | -67.02,-74.58,-50.34,-54.52                             | PASS |
| Band1<br>3 | 5MHz  | QPSK  | 23205 | 25RB#0 | -67.00,-58.93,-33.36,-34.00                             | PASS |
| Band1<br>3 | 5MHz  | QPSK  | 23255 | 1RB#0  | -52.76,-44.81,-73.45,-66.78                             | PASS |
| Band1<br>3 | 5MHz  | QPSK  | 23255 | 1RB#24 | -21.38,-30.55,-70.81,-66.72                             | PASS |
| Band1<br>3 | 5MHz  | QPSK  | 23255 | 25RB#0 | -32.93,-34.14,-58.40,-66.73                             | PASS |
| Band1<br>3 | 5MHz  | 16QAM | 23205 | 1RB#0  | -67.02,-73.18,-31.69,-22.58                             | PASS |
| Band1<br>3 | 5MHz  | 16QAM | 23205 | 1RB#24 | -67.13,-74.02,-50.77,-54.62                             | PASS |
| Band1<br>3 | 5MHz  | 16QAM | 23205 | 25RB#0 | -66.95,-62.23,-34.48,-34.79                             | PASS |
| Band1<br>3 | 5MHz  | 16QAM | 23255 | 1RB#0  | -53.09,-46.24,-73.33,-66.81                             | PASS |
| Band1<br>3 | 5MHz  | 16QAM | 23255 | 1RB#24 | -22.15,-31.88,-71.91,-66.82                             | PASS |
| Band1<br>3 | 5MHz  | 16QAM | 23255 | 25RB#0 | -33.69,-33.93,-60.50,-66.77                             | PASS |
| Band1<br>3 | 10MHz | QPSK  | 23230 | 1RB#0  | -66.80,-74.61,-37.25,-28.33,-55.21,-50.41,-61.38,-66.72 | PASS |
| Band1<br>3 | 10MHz | QPSK  | 23230 | 1RB#49 | -66.90,-73.61,-53.28,-57.72,-27.46,-37.10,-63.06,-66.70 | PASS |
| Band1<br>3 | 10MHz | QPSK  | 23230 | 50RB#0 | -66.82,-58.60,-35.89,-38.05,-38.15,-35.77,-51.85,-66.71 | PASS |
| Band1<br>3 | 10MHz | 16QAM | 23230 | 1RB#0  | -66.79,-73.45,-39.11,-29.87,-55.59,-51.13,-61.80,-66.71 | PASS |
| Band1<br>3 | 10MHz | 16QAM | 23230 | 1RB#49 | -66.82,-74.94,-53.76,-57.61,-27.53,-37.48,-66.87,-66.73 | PASS |
| Band1<br>3 | 10MHz | 16QAM | 23230 | 50RB#0 | -66.83,-61.77,-37.10,-40.13,-38.44,-36.34,-54.86,-66.84 | PASS |
| Band1<br>7 | 5MHz  | QPSK  | 23755 | 1RB#0  | -34.03,-23.73                                           | PASS |
| Band1<br>7 | 5MHz  | QPSK  | 23755 | 1RB#24 | -39.91,-52.22                                           | PASS |
| Band1<br>7 | 5MHz  | QPSK  | 23755 | 25RB#0 | -38.82,-35.84                                           | PASS |

|            |       |       |       |        |               |      |
|------------|-------|-------|-------|--------|---------------|------|
| Band1<br>7 | 5MHz  | QPSK  | 23825 | 1RB#0  | -53.52,-42.03 | PASS |
| Band1<br>7 | 5MHz  | QPSK  | 23825 | 1RB#24 | -22.71,-33.01 | PASS |
| Band1<br>7 | 5MHz  | QPSK  | 23825 | 25RB#0 | -35.85,-39.30 | PASS |
| Band1<br>7 | 5MHz  | 16QAM | 23755 | 1RB#0  | -34.51,-24.21 | PASS |
| Band1<br>7 | 5MHz  | 16QAM | 23755 | 1RB#24 | -41.39,-52.84 | PASS |
| Band1<br>7 | 5MHz  | 16QAM | 23755 | 25RB#0 | -38.49,-36.17 | PASS |
| Band1<br>7 | 5MHz  | 16QAM | 23825 | 1RB#0  | -53.99,-43.89 | PASS |
| Band1<br>7 | 5MHz  | 16QAM | 23825 | 1RB#24 | -23.72,-33.66 | PASS |
| Band1<br>7 | 5MHz  | 16QAM | 23825 | 25RB#0 | -36.81,-39.92 | PASS |
| Band1<br>7 | 10MHz | QPSK  | 23780 | 1RB#0  | -39.34,-29.61 | PASS |
| Band1<br>7 | 10MHz | QPSK  | 23780 | 1RB#49 | -41.81,-55.17 | PASS |
| Band1<br>7 | 10MHz | QPSK  | 23780 | 50RB#0 | -42.33,-41.36 | PASS |
| Band1<br>7 | 10MHz | QPSK  | 23800 | 1RB#0  | -57.70,-53.23 | PASS |
| Band1<br>7 | 10MHz | QPSK  | 23800 | 1RB#49 | -28.88,-38.88 | PASS |
| Band1<br>7 | 10MHz | QPSK  | 23800 | 50RB#0 | -42.78,-42.58 | PASS |
| Band1<br>7 | 10MHz | 16QAM | 23780 | 1RB#0  | -40.84,-30.41 | PASS |
| Band1<br>7 | 10MHz | 16QAM | 23780 | 1RB#49 | -44.12,-54.89 | PASS |
| Band1<br>7 | 10MHz | 16QAM | 23780 | 50RB#0 | -42.53,-42.32 | PASS |
| Band1<br>7 | 10MHz | 16QAM | 23800 | 1RB#0  | -57.75,-53.62 | PASS |
| Band1<br>7 | 10MHz | 16QAM | 23800 | 1RB#49 | -28.98,-39.43 | PASS |
| Band1<br>7 | 10MHz | 16QAM | 23800 | 50RB#0 | -43.54,-43.23 | PASS |

|            |        |       |            |         |               |      |
|------------|--------|-------|------------|---------|---------------|------|
| Band6<br>6 | 1.4MHz | QPSK  | 13197<br>9 | 1RB#0   | -40.08,-23.30 | PASS |
| Band6<br>6 | 1.4MHz | QPSK  | 13197<br>9 | 1RB#5   | -28.61,-35.55 | PASS |
| Band6<br>6 | 1.4MHz | QPSK  | 13197<br>9 | 6RB#0   | -32.13,-32.06 | PASS |
| Band6<br>6 | 1.4MHz | QPSK  | 13266<br>5 | 1RB#0   | -36.06,-28.31 | PASS |
| Band6<br>6 | 1.4MHz | QPSK  | 13266<br>5 | 1RB#5   | -25.50,-40.43 | PASS |
| Band6<br>6 | 1.4MHz | QPSK  | 13266<br>5 | 6RB#0   | -32.27,-34.20 | PASS |
| Band6<br>6 | 1.4MHz | 16QAM | 13197<br>9 | 1RB#0   | -40.45,-26.81 | PASS |
| Band6<br>6 | 1.4MHz | 16QAM | 13197<br>9 | 1RB#5   | -30.97,-38.84 | PASS |
| Band6<br>6 | 1.4MHz | 16QAM | 13197<br>9 | 6RB#0   | -33.99,-33.84 | PASS |
| Band6<br>6 | 1.4MHz | 16QAM | 13266<br>5 | 1RB#0   | -36.84,-30.84 | PASS |
| Band6<br>6 | 1.4MHz | 16QAM | 13266<br>5 | 1RB#5   | -28.06,-40.92 | PASS |
| Band6<br>6 | 1.4MHz | 16QAM | 13266<br>5 | 6RB#0   | -34.76,-35.40 | PASS |
| Band6<br>6 | 20MHz  | QPSK  | 13207<br>2 | 1RB#0   | -44.36,-33.58 | PASS |
| Band6<br>6 | 20MHz  | QPSK  | 13207<br>2 | 1RB#99  | -41.87,-59.36 | PASS |
| Band6<br>6 | 20MHz  | QPSK  | 13207<br>2 | 100RB#0 | -32.58,-36.14 | PASS |
| Band6<br>6 | 20MHz  | QPSK  | 13257<br>2 | 1RB#0   | -58.87,-39.37 | PASS |
| Band6<br>6 | 20MHz  | QPSK  | 13257<br>2 | 1RB#99  | -33.60,-44.42 | PASS |
| Band6<br>6 | 20MHz  | QPSK  | 13257<br>2 | 100RB#0 | -35.70,-32.08 | PASS |
| Band6<br>6 | 20MHz  | 16QAM | 13207<br>2 | 1RB#0   | -44.52,-33.03 | PASS |
| Band6<br>6 | 20MHz  | 16QAM | 13207<br>2 | 1RB#99  | -43.74,-59.00 | PASS |
| Band6<br>6 | 20MHz  | 16QAM | 13207<br>2 | 100RB#0 | -33.92,-37.32 | PASS |

|            |       |       |            |         |               |      |
|------------|-------|-------|------------|---------|---------------|------|
| Band6<br>6 | 20MHz | 16QAM | 13257<br>2 | 1RB#0   | -58.52,-41.50 | PASS |
| Band6<br>6 | 20MHz | 16QAM | 13257<br>2 | 1RB#99  | -33.73,-44.72 | PASS |
| Band6<br>6 | 20MHz | 16QAM | 13257<br>2 | 100RB#0 | -37.41,-33.99 | PASS |

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

# Test Graphs

