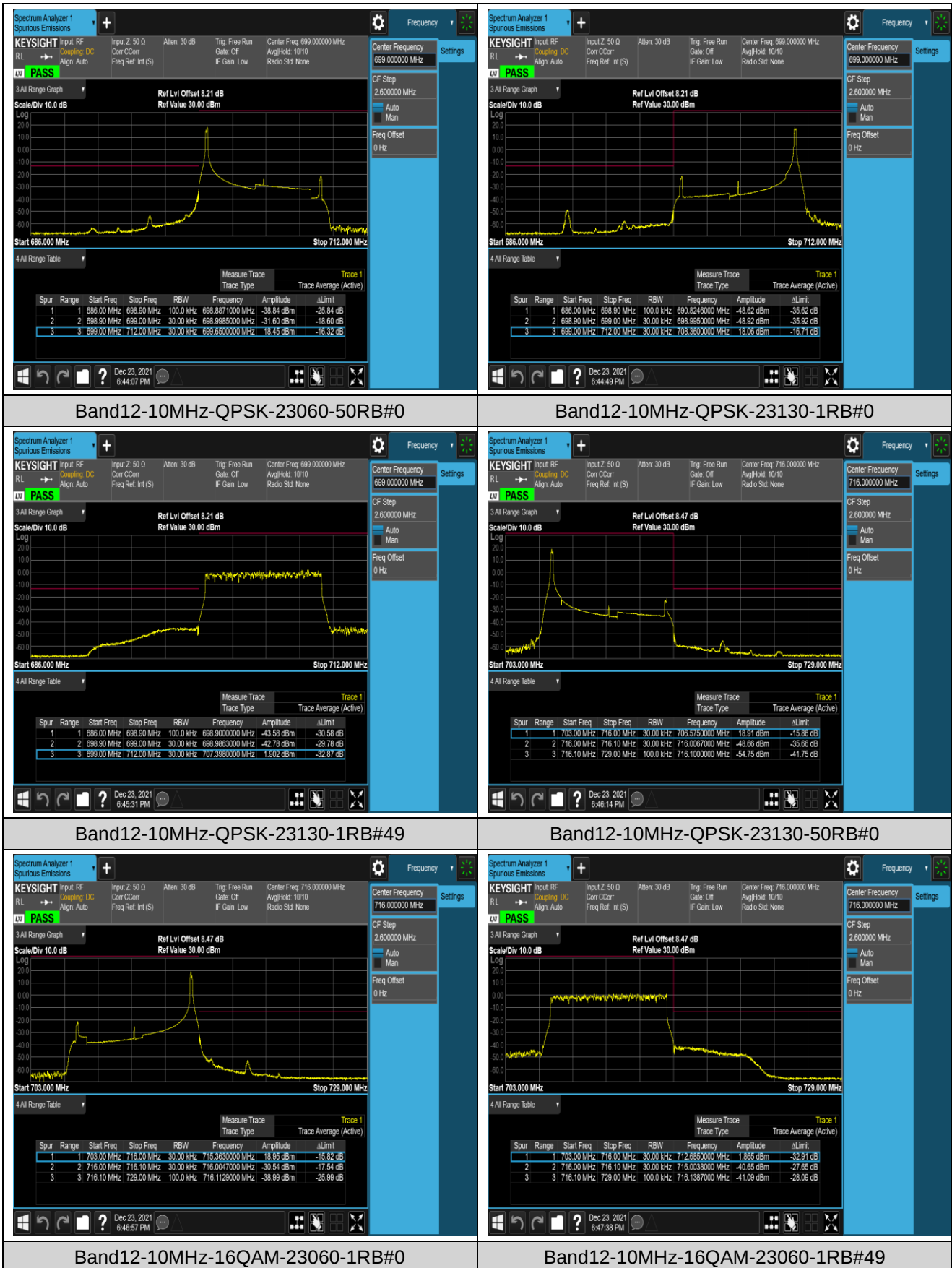
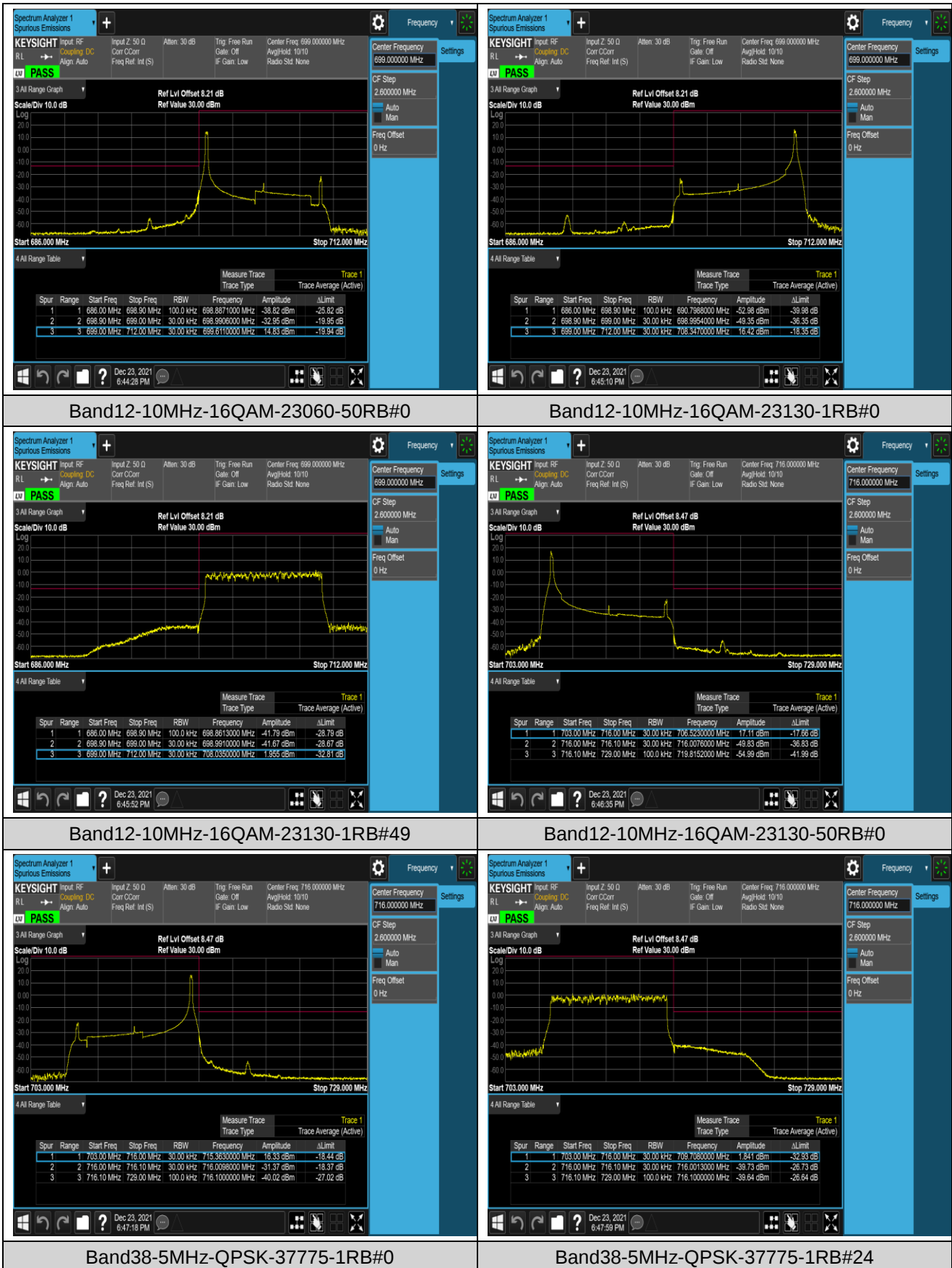
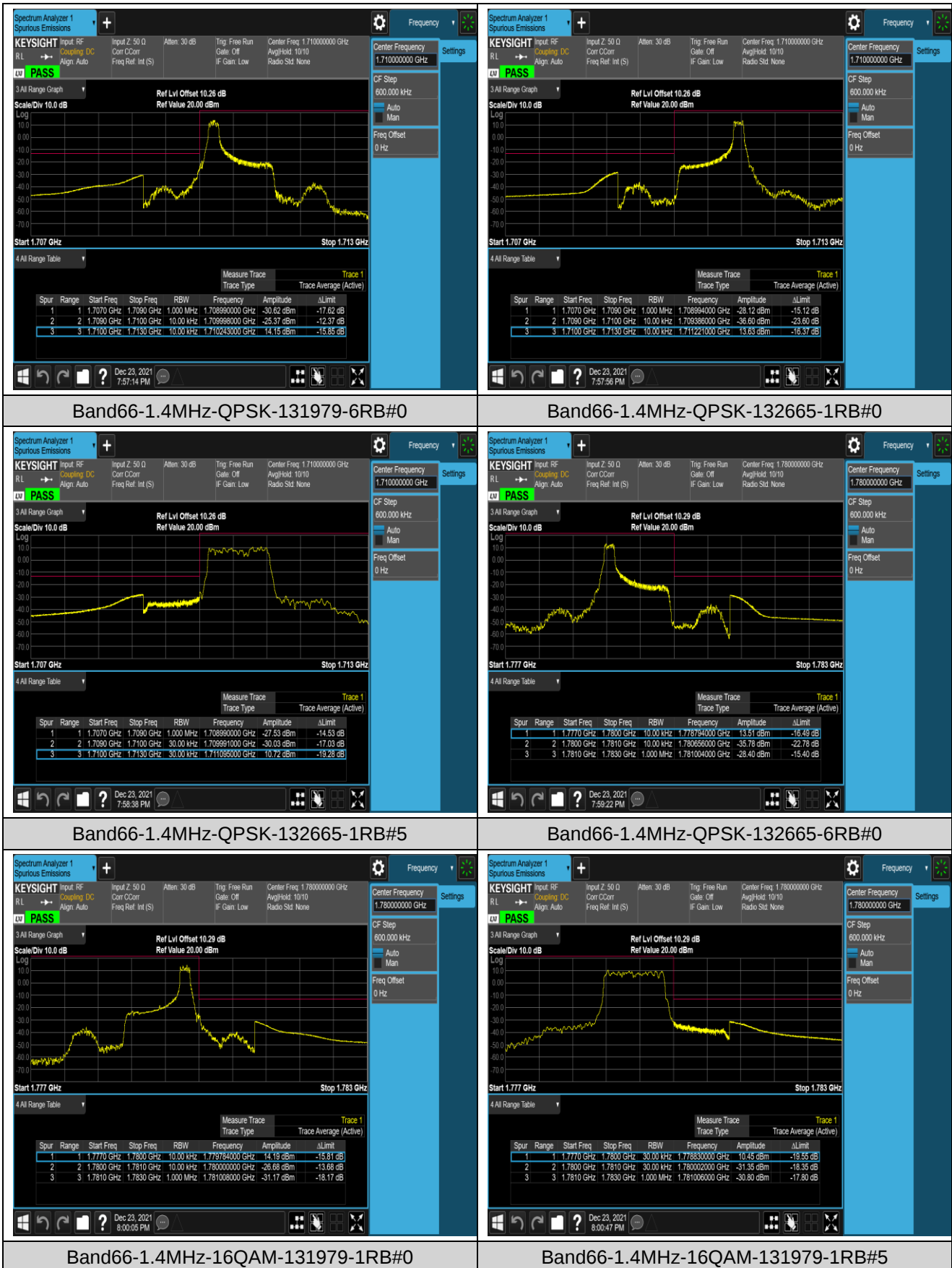
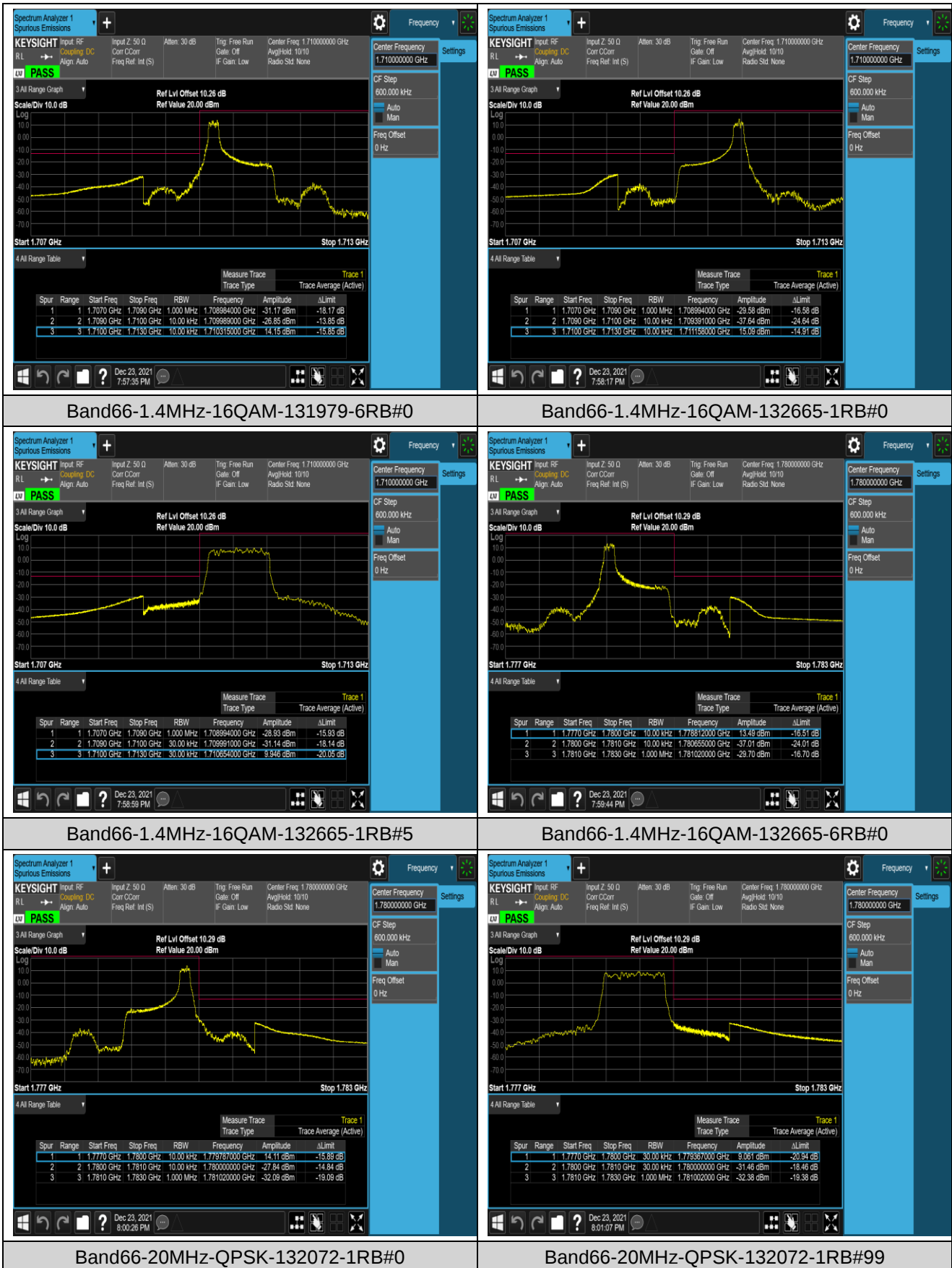
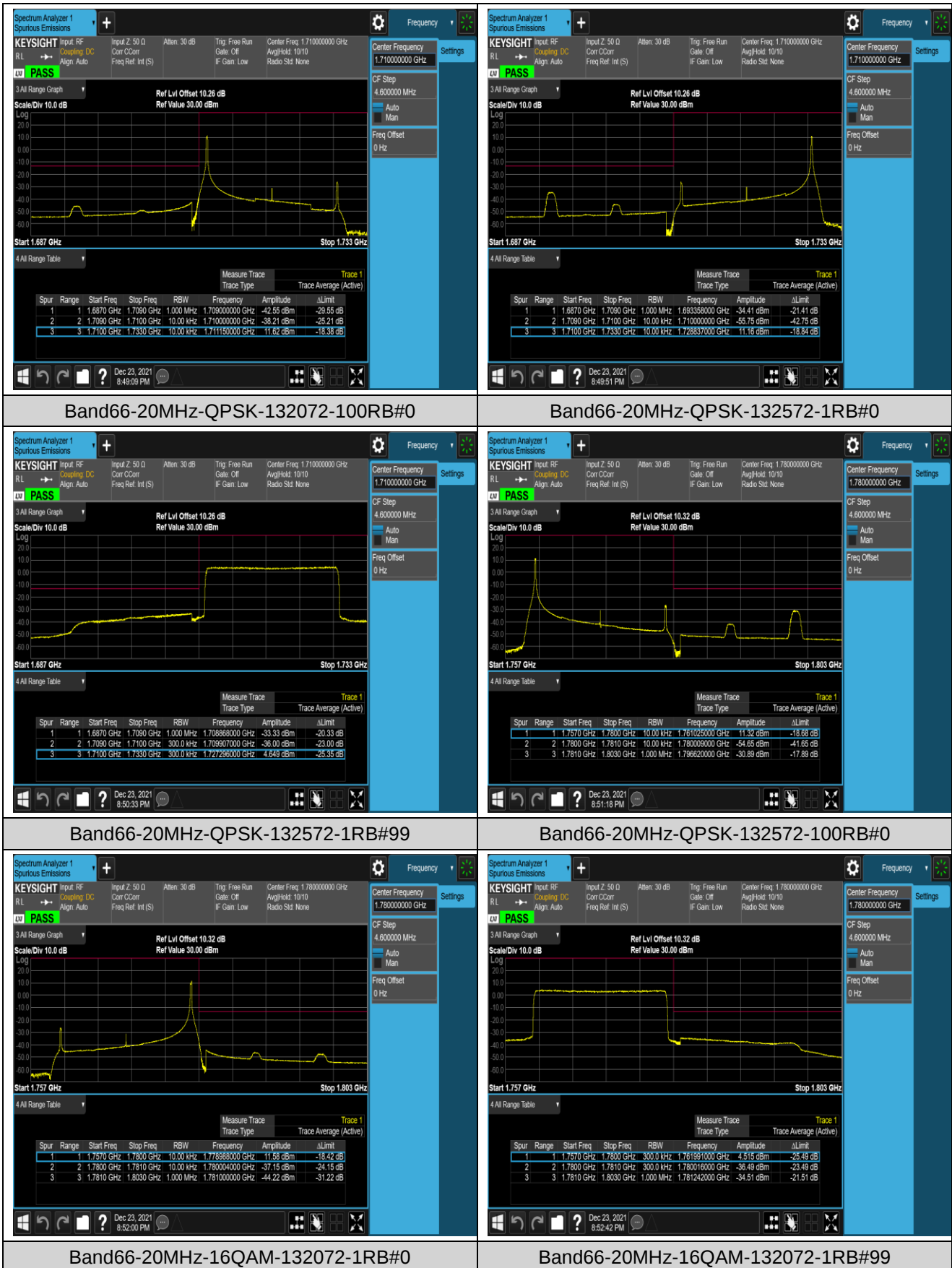


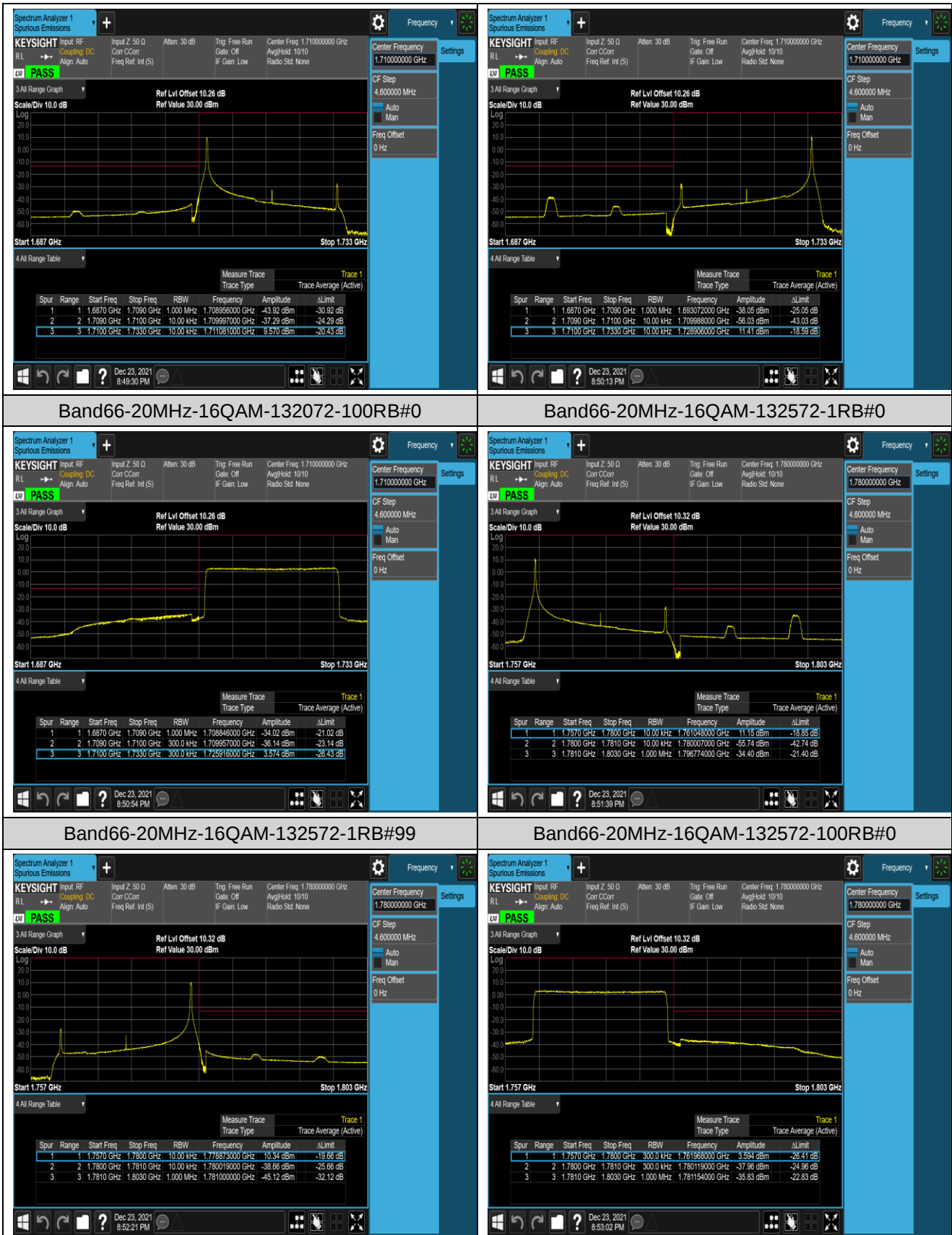












## Appendix E: Conducted Spurious Emission

### Test Result (worst case)

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range      | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|--------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | Range1:30~1000MHz    | -37.83       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | Range2:1000~20000MHz | -33.05       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | Range1:30~1000MHz    | -37.82       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | Range2:1000~20000MHz | -27.85       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | Range1:30~1000MHz    | -38.75       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | Range2:1000~20000MHz | -28.04       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | Range1:30~1000MHz    | -37.8        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | Range2:1000~20000MHz | -32.24       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | Range1:30~1000MHz    | -37.65       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | Range2:1000~20000MHz | -30.1        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | Range1:30~1000MHz    | -37.72       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | Range2:1000~20000MHz | -27.5        | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0            | Range1:30~1000MHz    | -37.95       | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0            | Range2:1000~20000MHz | -31.72       | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 1RB#0            | Range1:30~1000MHz    | -38.5        | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 1RB#0            | Range2:1000~20000MHz | -28.44       | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0            | Range1:30~1000MHz    | -38.06       | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0            | Range2:1000~20000MHz | -29.94       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0            | Range1:30~1000MHz    | -37.64       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0            | Range2:1000~20000MHz | -32.72       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 1RB#0            | Range1:30~1000MHz    | -37.08       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 1RB#0            | Range2:1000~20000MHz | -28.07       | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0            | Range1:30~1000MHz    | -37.85       | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0            | Range2:1000~20000MHz | -29.5        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | Range1:30~1000MHz    | -47.33       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | Range2:1000~10000MHz | -36.44       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | Range1:30~1000MHz    | -46.79       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | Range2:1000~10000MHz | -34.62       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | Range1:30~1000MHz    | -47.47       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | Range2:1000~10000MHz | -34.33       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | Range1:30~1000MHz    | -46.99       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | Range2:1000~10000MHz | -34.96       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | Range1:30~1000MHz    | -47.4        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | Range2:1000~10000MHz | -34.5        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | Range1:30~1000MHz    | -47.22       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | Range2:1000~10000MHz | -35.06       | PASS    |

|        |        |       |       |       |                      |        |      |
|--------|--------|-------|-------|-------|----------------------|--------|------|
| Band5  | 10MHz  | QPSK  | 20450 | 1RB#0 | Range1:30~1000MHz    | -47.47 | PASS |
| Band5  | 10MHz  | QPSK  | 20450 | 1RB#0 | Range2:1000~10000MHz | -34.21 | PASS |
| Band5  | 10MHz  | QPSK  | 20525 | 1RB#0 | Range1:30~1000MHz    | -47.55 | PASS |
| Band5  | 10MHz  | QPSK  | 20525 | 1RB#0 | Range2:1000~10000MHz | -34.69 | PASS |
| Band5  | 10MHz  | QPSK  | 20600 | 1RB#0 | Range1:30~1000MHz    | -46.91 | PASS |
| Band5  | 10MHz  | QPSK  | 20600 | 1RB#0 | Range2:1000~10000MHz | -32.42 | PASS |
| Band5  | 10MHz  | 16QAM | 20450 | 1RB#0 | Range1:30~1000MHz    | -47.15 | PASS |
| Band5  | 10MHz  | 16QAM | 20450 | 1RB#0 | Range2:1000~10000MHz | -37.13 | PASS |
| Band5  | 10MHz  | 16QAM | 20525 | 1RB#0 | Range1:30~1000MHz    | -47.17 | PASS |
| Band5  | 10MHz  | 16QAM | 20525 | 1RB#0 | Range2:1000~10000MHz | -36.6  | PASS |
| Band5  | 10MHz  | 16QAM | 20600 | 1RB#0 | Range1:30~1000MHz    | -46.71 | PASS |
| Band5  | 10MHz  | 16QAM | 20600 | 1RB#0 | Range2:1000~10000MHz | -32.95 | PASS |
| Band7  | 5MHz   | QPSK  | 20775 | 1RB#0 | Range1:30~1000MHz    | -47.18 | PASS |
| Band7  | 5MHz   | QPSK  | 20775 | 1RB#0 | Range2:1000~27000MHz | -35.21 | PASS |
| Band7  | 5MHz   | QPSK  | 21100 | 1RB#0 | Range1:30~1000MHz    | -47.92 | PASS |
| Band7  | 5MHz   | QPSK  | 21100 | 1RB#0 | Range2:1000~27000MHz | -35.28 | PASS |
| Band7  | 5MHz   | QPSK  | 21425 | 1RB#0 | Range1:30~1000MHz    | -47.6  | PASS |
| Band7  | 5MHz   | QPSK  | 21425 | 1RB#0 | Range2:1000~27000MHz | -35.72 | PASS |
| Band7  | 5MHz   | 16QAM | 20775 | 1RB#0 | Range1:30~1000MHz    | -48.54 | PASS |
| Band7  | 5MHz   | 16QAM | 20775 | 1RB#0 | Range2:1000~27000MHz | -35.57 | PASS |
| Band7  | 5MHz   | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz    | -47.86 | PASS |
| Band7  | 5MHz   | 16QAM | 21100 | 1RB#0 | Range2:1000~27000MHz | -36.56 | PASS |
| Band7  | 5MHz   | 16QAM | 21425 | 1RB#0 | Range1:30~1000MHz    | -46.8  | PASS |
| Band7  | 5MHz   | 16QAM | 21425 | 1RB#0 | Range2:1000~27000MHz | -36.25 | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 1RB#0 | Range1:30~1000MHz    | -47.78 | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 1RB#0 | Range2:1000~27000MHz | -35.78 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 1RB#0 | Range1:30~1000MHz    | -47.71 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 1RB#0 | Range2:1000~27000MHz | -35.98 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 1RB#0 | Range1:30~1000MHz    | -47.85 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 1RB#0 | Range2:1000~27000MHz | -35.38 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#0 | Range1:30~1000MHz    | -48.15 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#0 | Range2:1000~27000MHz | -35.8  | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz    | -48.16 | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#0 | Range2:1000~27000MHz | -36.6  | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#0 | Range1:30~1000MHz    | -47.83 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#0 | Range2:1000~27000MHz | -34.68 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0 | Range1:30~1000MHz    | -45.46 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0 | Range2:1000~10000MHz | -30.58 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0 | Range1:30~1000MHz    | -46.82 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0 | Range2:1000~10000MHz | -29.44 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0 | Range1:30~1000MHz    | -46.89 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0 | Range2:1000~10000MHz | -31.9  | PASS |

|        |        |       |        |       |                      |        |      |
|--------|--------|-------|--------|-------|----------------------|--------|------|
| Band12 | 1.4MHz | 16QAM | 23017  | 1RB#0 | Range1:30~1000MHz    | -45.57 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017  | 1RB#0 | Range2:1000~10000MHz | -36.35 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095  | 1RB#0 | Range1:30~1000MHz    | -47.31 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095  | 1RB#0 | Range2:1000~10000MHz | -30.48 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173  | 1RB#0 | Range1:30~1000MHz    | -46.21 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173  | 1RB#0 | Range2:1000~10000MHz | -31.43 | PASS |
| Band12 | 10MHz  | QPSK  | 23060  | 1RB#0 | Range1:30~1000MHz    | -47    | PASS |
| Band12 | 10MHz  | QPSK  | 23060  | 1RB#0 | Range2:1000~10000MHz | -34.12 | PASS |
| Band12 | 10MHz  | QPSK  | 23095  | 1RB#0 | Range1:30~1000MHz    | -46.61 | PASS |
| Band12 | 10MHz  | QPSK  | 23095  | 1RB#0 | Range2:1000~10000MHz | -31.68 | PASS |
| Band12 | 10MHz  | QPSK  | 23130  | 1RB#0 | Range1:30~1000MHz    | -45.91 | PASS |
| Band12 | 10MHz  | QPSK  | 23130  | 1RB#0 | Range2:1000~10000MHz | -29.11 | PASS |
| Band12 | 10MHz  | 16QAM | 23060  | 1RB#0 | Range1:30~1000MHz    | -47.14 | PASS |
| Band12 | 10MHz  | 16QAM | 23060  | 1RB#0 | Range2:1000~10000MHz | -37.62 | PASS |
| Band12 | 10MHz  | 16QAM | 23095  | 1RB#0 | Range1:30~1000MHz    | -47.23 | PASS |
| Band12 | 10MHz  | 16QAM | 23095  | 1RB#0 | Range2:1000~10000MHz | -36.16 | PASS |
| Band12 | 10MHz  | 16QAM | 23130  | 1RB#0 | Range1:30~1000MHz    | -46.98 | PASS |
| Band12 | 10MHz  | 16QAM | 23130  | 1RB#0 | Range2:1000~10000MHz | -33.22 | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#0 | Range1:30~1000MHz    | -39.04 | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#0 | Range2:1000~20000MHz | -38.41 | PASS |
| Band66 | 1.4MHz | QPSK  | 132322 | 1RB#0 | Range1:30~1000MHz    | -36.35 | PASS |
| Band66 | 1.4MHz | QPSK  | 132322 | 1RB#0 | Range2:1000~20000MHz | -38.38 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#0 | Range1:30~1000MHz    | -39.1  | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#0 | Range2:1000~20000MHz | -38.61 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0 | Range1:30~1000MHz    | -38.12 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0 | Range2:1000~20000MHz | -38.39 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | Range1:30~1000MHz    | -38.36 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | Range2:1000~20000MHz | -38.58 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | Range1:30~1000MHz    | -37.97 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | Range2:1000~20000MHz | -38.6  | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 1RB#0 | Range1:30~1000MHz    | -37.15 | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 1RB#0 | Range2:1000~20000MHz | -37.63 | PASS |
| Band66 | 20MHz  | QPSK  | 132322 | 1RB#0 | Range1:30~1000MHz    | -38.23 | PASS |
| Band66 | 20MHz  | QPSK  | 132322 | 1RB#0 | Range2:1000~20000MHz | -38.43 | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 1RB#0 | Range1:30~1000MHz    | -38.05 | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 1RB#0 | Range2:1000~20000MHz | -38.42 | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 1RB#0 | Range1:30~1000MHz    | -37.28 | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 1RB#0 | Range2:1000~20000MHz | -38.94 | PASS |
| Band66 | 20MHz  | 16QAM | 132322 | 1RB#0 | Range1:30~1000MHz    | -38.38 | PASS |
| Band66 | 20MHz  | 16QAM | 132322 | 1RB#0 | Range2:1000~20000MHz | -37.56 | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 1RB#0 | Range1:30~1000MHz    | -38.15 | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 1RB#0 | Range2:1000~20000MHz | -38.09 | PASS |

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

# Test Graphs

