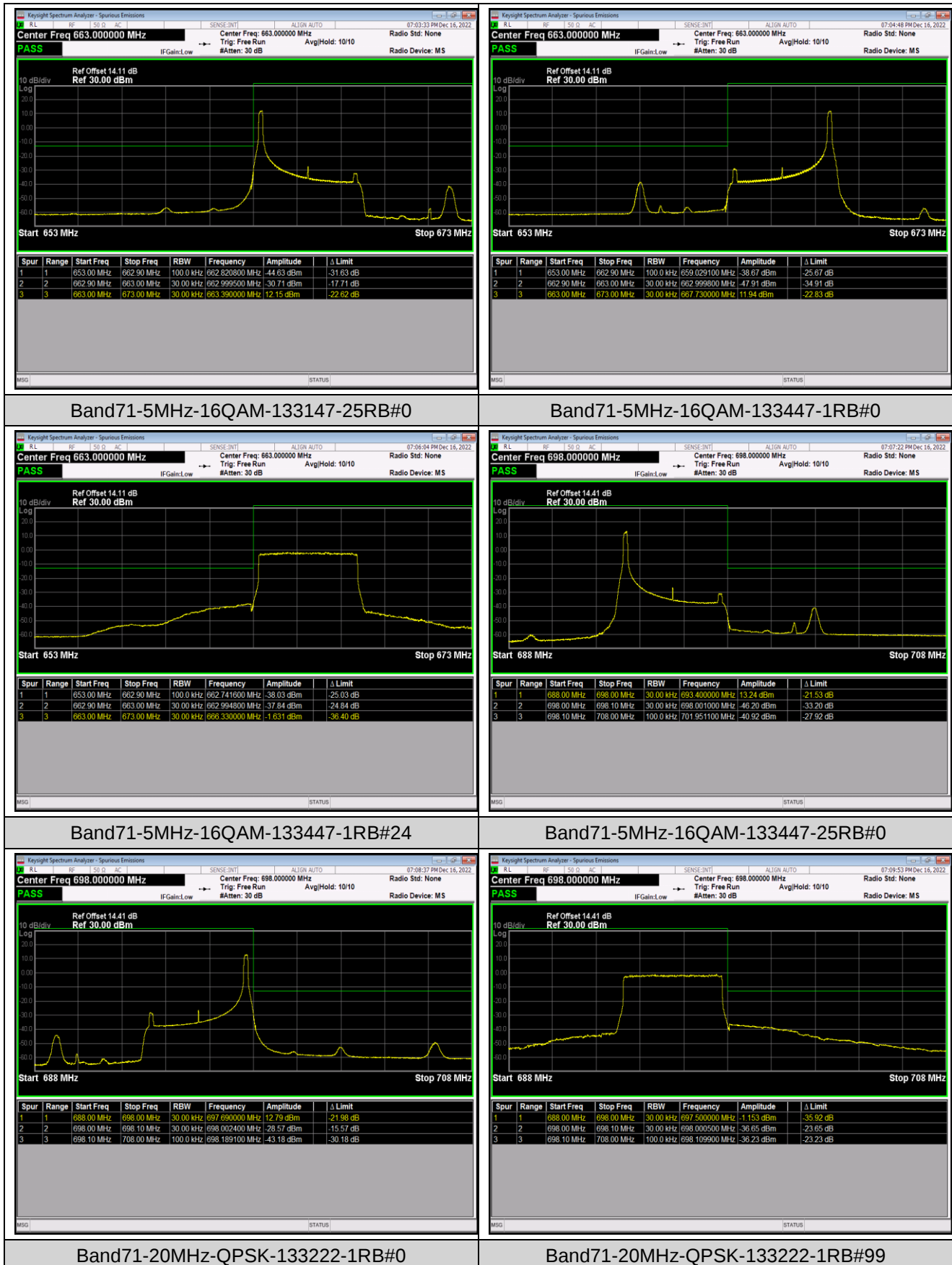
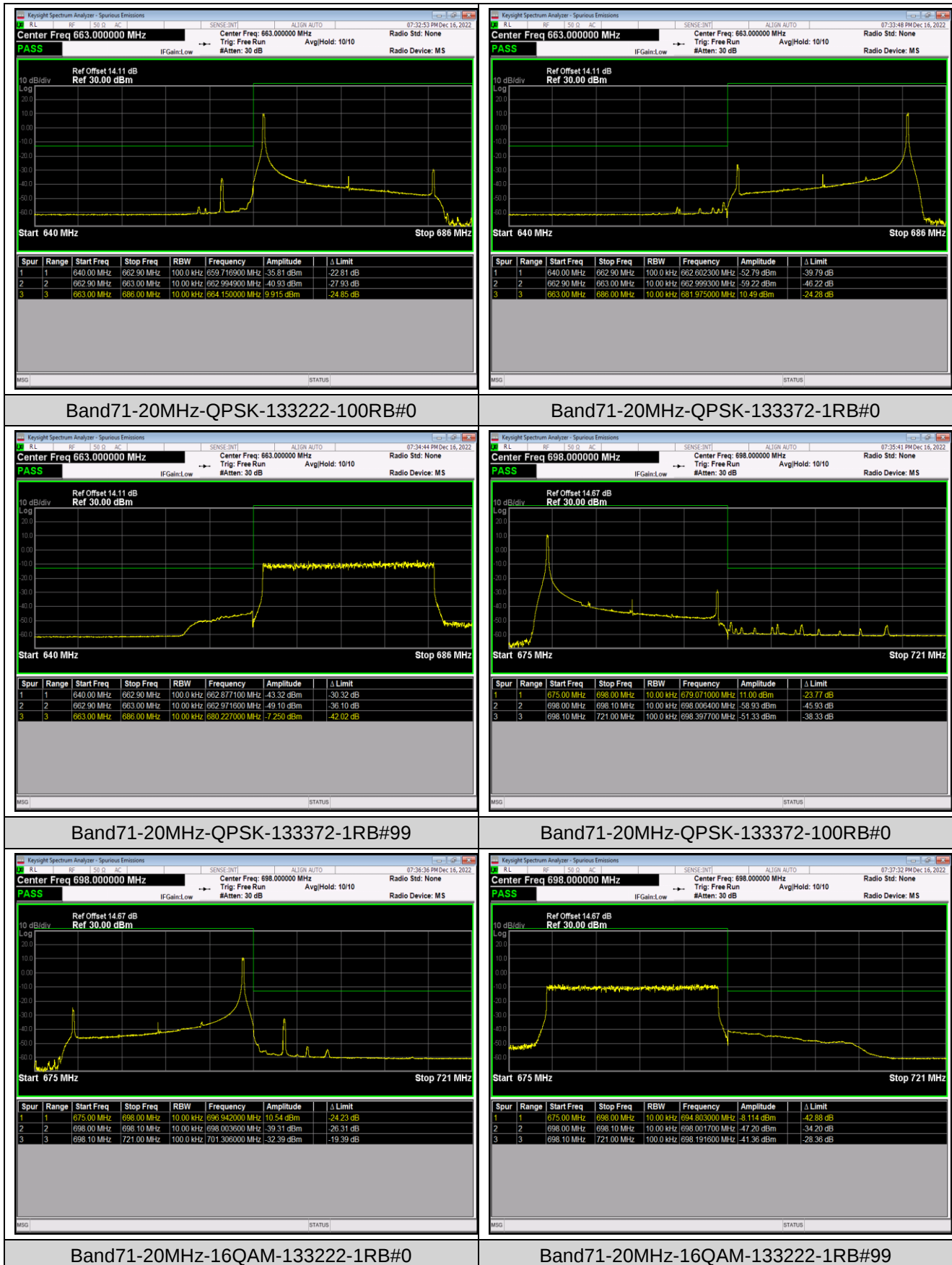
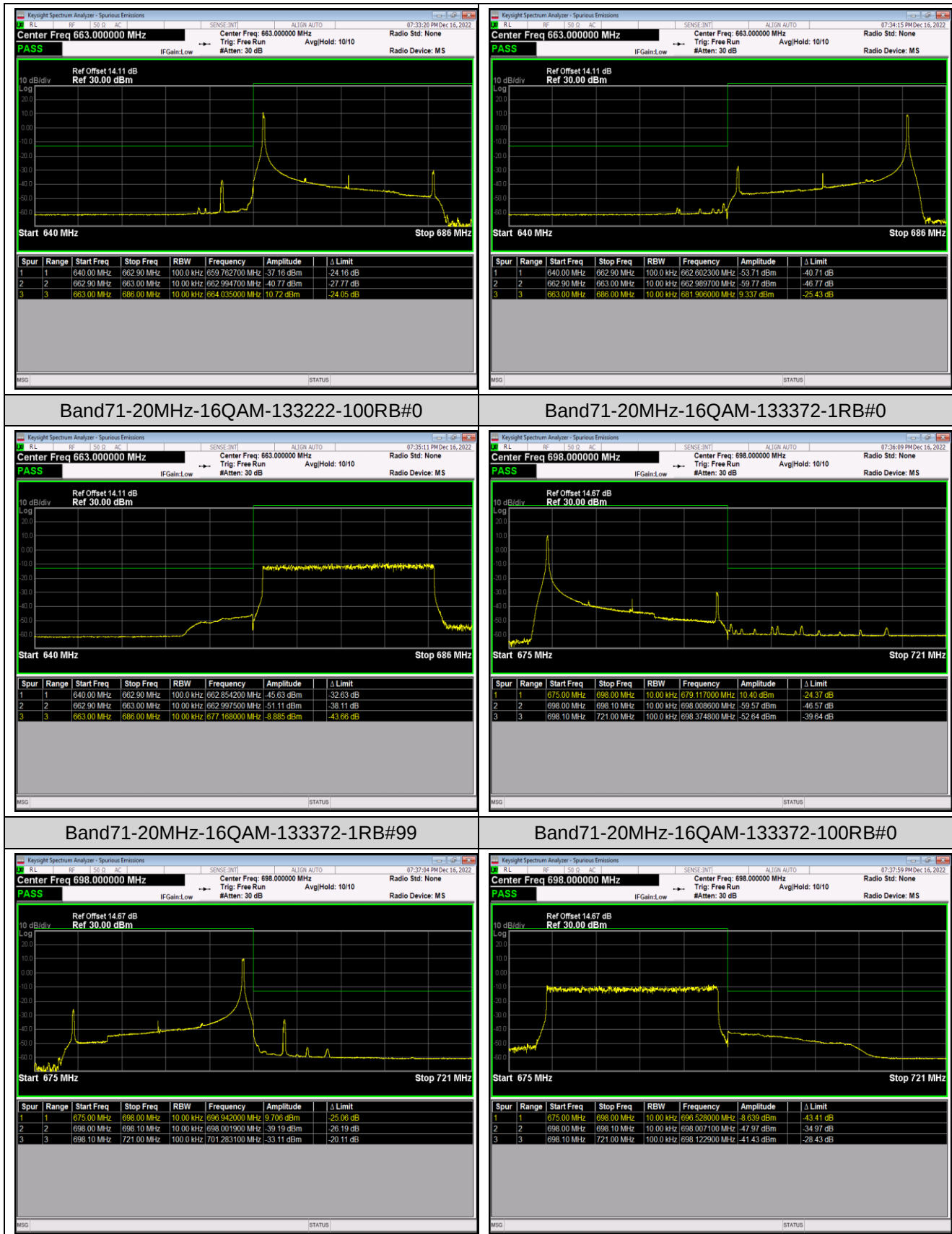








## Appendix E: Conducted Spurious Emission

### 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    | -30.98       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | Range2:1000~20000MHz | -28.86       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | Range1:30~1000MHz    | -30.09       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | Range2:1000~20000MHz | -28.31       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | Range1:30~1000MHz    | -30.41       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | Range2:1000~20000MHz | -28.61       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | Range1:30~1000MHz    | -29.53       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | Range2:1000~20000MHz | -28.63       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | Range1:30~1000MHz    | -31.07       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | Range2:1000~20000MHz | -27.85       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | Range1:30~1000MHz    | -29.9        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | Range2:1000~20000MHz | -28.44       | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0            | Range1:30~1000MHz    | -30.1        | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0            | Range2:1000~20000MHz | -29.09       | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 1RB#0            | Range1:30~1000MHz    | -31.57       | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 1RB#0            | Range2:1000~20000MHz | -29.32       | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0            | Range1:30~1000MHz    | -31.37       | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0            | Range2:1000~20000MHz | -28.32       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0            | Range1:30~1000MHz    | -32.4        | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0            | Range2:1000~20000MHz | -28.02       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 1RB#0            | Range1:30~1000MHz    | -31.37       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 1RB#0            | Range2:1000~20000MHz | -28.09       | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0            | Range1:30~1000MHz    | -31.61       | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0            | Range2:1000~20000MHz | -28.06       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | Range1:30~1000MHz    | -40.9        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | Range2:1000~10000MHz | -34.66       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | Range1:30~1000MHz    | -41.24       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | Range2:1000~10000MHz | -33.57       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | Range1:30~1000MHz    | -41.17       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | Range2:1000~10000MHz | -34.75       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | Range1:30~1000MHz    | -40.88       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | Range2:1000~10000MHz | -32.06       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | Range1:30~1000MHz    | -40.27       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | Range2:1000~10000MHz | -34.25       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | Range1:30~1000MHz    | -40.88       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | Range2:1000~10000MHz | -34.95       | PASS    |

|        |        |       |       |       |                      |        |      |
|--------|--------|-------|-------|-------|----------------------|--------|------|
| Band5  | 10MHz  | QPSK  | 20450 | 1RB#0 | Range1:30~1000MHz    | -41.13 | PASS |
| Band5  | 10MHz  | QPSK  | 20450 | 1RB#0 | Range2:1000~10000MHz | -32.74 | PASS |
| Band5  | 10MHz  | QPSK  | 20525 | 1RB#0 | Range1:30~1000MHz    | -39.95 | PASS |
| Band5  | 10MHz  | QPSK  | 20525 | 1RB#0 | Range2:1000~10000MHz | -34.52 | PASS |
| Band5  | 10MHz  | QPSK  | 20600 | 1RB#0 | Range1:30~1000MHz    | -40.13 | PASS |
| Band5  | 10MHz  | QPSK  | 20600 | 1RB#0 | Range2:1000~10000MHz | -34.93 | PASS |
| Band5  | 10MHz  | 16QAM | 20450 | 1RB#0 | Range1:30~1000MHz    | -40.34 | PASS |
| Band5  | 10MHz  | 16QAM | 20450 | 1RB#0 | Range2:1000~10000MHz | -31.43 | PASS |
| Band5  | 10MHz  | 16QAM | 20525 | 1RB#0 | Range1:30~1000MHz    | -40.17 | PASS |
| Band5  | 10MHz  | 16QAM | 20525 | 1RB#0 | Range2:1000~10000MHz | -34.56 | PASS |
| Band5  | 10MHz  | 16QAM | 20600 | 1RB#0 | Range1:30~1000MHz    | -41.18 | PASS |
| Band5  | 10MHz  | 16QAM | 20600 | 1RB#0 | Range2:1000~10000MHz | -34.27 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0 | Range1:30~1000MHz    | -40.56 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0 | Range2:1000~10000MHz | -34.59 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0 | Range1:30~1000MHz    | -40.13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0 | Range2:1000~10000MHz | -34.8  | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0 | Range1:30~1000MHz    | -40.03 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0 | Range2:1000~10000MHz | -34.48 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | Range1:30~1000MHz    | -40.65 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | Range2:1000~10000MHz | -34.18 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | Range1:30~1000MHz    | -41.27 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | Range2:1000~10000MHz | -34.6  | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | Range1:30~1000MHz    | -40.54 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | Range2:1000~10000MHz | -34.61 | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 1RB#0 | Range1:30~1000MHz    | -40.29 | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 1RB#0 | Range2:1000~10000MHz | -35.01 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 1RB#0 | Range1:30~1000MHz    | -40.19 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 1RB#0 | Range2:1000~10000MHz | -34.34 | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 1RB#0 | Range1:30~1000MHz    | -39.18 | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 1RB#0 | Range2:1000~10000MHz | -35.28 | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 1RB#0 | Range1:30~1000MHz    | -40.58 | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 1RB#0 | Range2:1000~10000MHz | -34.79 | PASS |
| Band12 | 10MHz  | 16QAM | 23095 | 1RB#0 | Range1:30~1000MHz    | -40.72 | PASS |
| Band12 | 10MHz  | 16QAM | 23095 | 1RB#0 | Range2:1000~10000MHz | -35.16 | PASS |
| Band12 | 10MHz  | 16QAM | 23130 | 1RB#0 | Range1:30~1000MHz    | -40.22 | PASS |
| Band12 | 10MHz  | 16QAM | 23130 | 1RB#0 | Range2:1000~10000MHz | -35.8  | PASS |
| Band17 | 5MHz   | QPSK  | 23755 | 1RB#0 | Range1:30~1000MHz    | -40.06 | PASS |
| Band17 | 5MHz   | QPSK  | 23755 | 1RB#0 | Range2:1000~10000MHz | -35.17 | PASS |
| Band17 | 5MHz   | QPSK  | 23790 | 1RB#0 | Range1:30~1000MHz    | -40.13 | PASS |
| Band17 | 5MHz   | QPSK  | 23790 | 1RB#0 | Range2:1000~10000MHz | -34.77 | PASS |
| Band17 | 5MHz   | QPSK  | 23825 | 1RB#0 | Range1:30~1000MHz    | -41.02 | PASS |
| Band17 | 5MHz   | QPSK  | 23825 | 1RB#0 | Range2:1000~10000MHz | -36.04 | PASS |

|        |       |       |       |       |                      |        |      |
|--------|-------|-------|-------|-------|----------------------|--------|------|
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#0 | Range1:30~1000MHz    | -40.79 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#0 | Range2:1000~10000MHz | -35.41 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#0 | Range1:30~1000MHz    | -41.11 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#0 | Range2:1000~10000MHz | -35.4  | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#0 | Range1:30~1000MHz    | -41.08 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#0 | Range2:1000~10000MHz | -34.7  | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0 | Range1:30~1000MHz    | -39.74 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0 | Range2:1000~10000MHz | -35.13 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0 | Range1:30~1000MHz    | -39.96 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0 | Range2:1000~10000MHz | -34.99 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0 | Range1:30~1000MHz    | -39    | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0 | Range2:1000~10000MHz | -35.27 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | Range1:30~1000MHz    | -40.22 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | Range2:1000~10000MHz | -35.14 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | Range1:30~1000MHz    | -39.56 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | Range2:1000~10000MHz | -34.84 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | Range1:30~1000MHz    | -40.86 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | Range2:1000~10000MHz | -35.38 | PASS |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#0 | Range1:30~1000MHz    | -41.29 | PASS |
| Band41 | 5MHz  | QPSK  | 40265 | 1RB#0 | Range2:1000~26500MHz | -33.22 | PASS |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#0 | Range1:30~1000MHz    | -41.25 | PASS |
| Band41 | 5MHz  | QPSK  | 40740 | 1RB#0 | Range2:1000~26500MHz | -33.95 | PASS |
| Band41 | 5MHz  | QPSK  | 41215 | 1RB#0 | Range1:30~1000MHz    | -41.44 | PASS |
| Band41 | 5MHz  | QPSK  | 41215 | 1RB#0 | Range2:1000~26500MHz | -33.26 | PASS |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#0 | Range1:30~1000MHz    | -41.66 | PASS |
| Band41 | 5MHz  | 16QAM | 40265 | 1RB#0 | Range2:1000~26500MHz | -33.68 | PASS |
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#0 | Range1:30~1000MHz    | -40.97 | PASS |
| Band41 | 5MHz  | 16QAM | 40740 | 1RB#0 | Range2:1000~26500MHz | -32.48 | PASS |
| Band41 | 5MHz  | 16QAM | 41215 | 1RB#0 | Range1:30~1000MHz    | -41.25 | PASS |
| Band41 | 5MHz  | 16QAM | 41215 | 1RB#0 | Range2:1000~26500MHz | -33.09 | PASS |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#0 | Range1:30~1000MHz    | -41.09 | PASS |
| Band41 | 20MHz | QPSK  | 40340 | 1RB#0 | Range2:1000~26500MHz | -33.76 | PASS |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#0 | Range1:30~1000MHz    | -41.23 | PASS |
| Band41 | 20MHz | QPSK  | 40740 | 1RB#0 | Range2:1000~26500MHz | -33.01 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#0 | Range1:30~1000MHz    | -40.38 | PASS |
| Band41 | 20MHz | QPSK  | 41140 | 1RB#0 | Range2:1000~26500MHz | -33.23 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | Range1:30~1000MHz    | -40.65 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | Range2:1000~26500MHz | -33.46 | PASS |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#0 | Range1:30~1000MHz    | -40.76 | PASS |
| Band41 | 20MHz | 16QAM | 40740 | 1RB#0 | Range2:1000~26500MHz | -34.03 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | Range1:30~1000MHz    | -41.48 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | Range2:1000~26500MHz | -34.01 | PASS |

|        |        |       |        |       |                      |        |      |
|--------|--------|-------|--------|-------|----------------------|--------|------|
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#0 | Range1:30~1000MHz    | -31.7  | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#0 | Range2:1000~20000MHz | -28.12 | PASS |
| Band66 | 1.4MHz | QPSK  | 132322 | 1RB#0 | Range1:30~1000MHz    | -31.61 | PASS |
| Band66 | 1.4MHz | QPSK  | 132322 | 1RB#0 | Range2:1000~20000MHz | -28.83 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#0 | Range1:30~1000MHz    | -30.77 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#0 | Range2:1000~20000MHz | -28.93 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0 | Range1:30~1000MHz    | -32.14 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0 | Range2:1000~20000MHz | -28.52 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | Range1:30~1000MHz    | -31.78 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | Range2:1000~20000MHz | -28.49 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | Range1:30~1000MHz    | -31.22 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | Range2:1000~20000MHz | -28.98 | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 1RB#0 | Range1:30~1000MHz    | -31.6  | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 1RB#0 | Range2:1000~20000MHz | -29.15 | PASS |
| Band66 | 20MHz  | QPSK  | 132322 | 1RB#0 | Range1:30~1000MHz    | -31.66 | PASS |
| Band66 | 20MHz  | QPSK  | 132322 | 1RB#0 | Range2:1000~20000MHz | -29.15 | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 1RB#0 | Range1:30~1000MHz    | -30.76 | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 1RB#0 | Range2:1000~20000MHz | -28.95 | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 1RB#0 | Range1:30~1000MHz    | -31.84 | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 1RB#0 | Range2:1000~20000MHz | -28.31 | PASS |
| Band66 | 20MHz  | 16QAM | 132322 | 1RB#0 | Range1:30~1000MHz    | -31.56 | PASS |
| Band66 | 20MHz  | 16QAM | 132322 | 1RB#0 | Range2:1000~20000MHz | -28.24 | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 1RB#0 | Range1:30~1000MHz    | -31.09 | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 1RB#0 | Range2:1000~20000MHz | -28.14 | PASS |
| Band71 | 5MHz   | QPSK  | 133147 | 1RB#0 | Range1:30~1000MHz    | -39.71 | PASS |
| Band71 | 5MHz   | QPSK  | 133147 | 1RB#0 | Range2:1000~10000MHz | -35.21 | PASS |
| Band71 | 5MHz   | QPSK  | 133297 | 1RB#0 | Range1:30~1000MHz    | -39.51 | PASS |
| Band71 | 5MHz   | QPSK  | 133297 | 1RB#0 | Range2:1000~10000MHz | -34.96 | PASS |
| Band71 | 5MHz   | QPSK  | 133447 | 1RB#0 | Range1:30~1000MHz    | -40.7  | PASS |
| Band71 | 5MHz   | QPSK  | 133447 | 1RB#0 | Range2:1000~10000MHz | -34.76 | PASS |
| Band71 | 5MHz   | 16QAM | 133147 | 1RB#0 | Range1:30~1000MHz    | -39.4  | PASS |
| Band71 | 5MHz   | 16QAM | 133147 | 1RB#0 | Range2:1000~10000MHz | -35.39 | PASS |
| Band71 | 5MHz   | 16QAM | 133297 | 1RB#0 | Range1:30~1000MHz    | -40.36 | PASS |
| Band71 | 5MHz   | 16QAM | 133297 | 1RB#0 | Range2:1000~10000MHz | -35.34 | PASS |
| Band71 | 5MHz   | 16QAM | 133447 | 1RB#0 | Range1:30~1000MHz    | -41    | PASS |
| Band71 | 5MHz   | 16QAM | 133447 | 1RB#0 | Range2:1000~10000MHz | -35.19 | PASS |
| Band71 | 20MHz  | QPSK  | 133222 | 1RB#0 | Range1:30~1000MHz    | -40.72 | PASS |
| Band71 | 20MHz  | QPSK  | 133222 | 1RB#0 | Range2:1000~10000MHz | -35.16 | PASS |
| Band71 | 20MHz  | QPSK  | 133322 | 1RB#0 | Range1:30~1000MHz    | -40.39 | PASS |
| Band71 | 20MHz  | QPSK  | 133322 | 1RB#0 | Range2:1000~10000MHz | -35.46 | PASS |
| Band71 | 20MHz  | QPSK  | 133372 | 1RB#0 | Range1:30~1000MHz    | -40.87 | PASS |
| Band71 | 20MHz  | QPSK  | 133372 | 1RB#0 | Range2:1000~10000MHz | -34.79 | PASS |

|        |       |       |        |       |                      |        |      |
|--------|-------|-------|--------|-------|----------------------|--------|------|
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | Range1:30~1000MHz    | -40.1  | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | Range2:1000~10000MHz | -33.73 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | Range1:30~1000MHz    | -39.21 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | Range2:1000~10000MHz | -34.6  | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | Range1:30~1000MHz    | -40.37 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | Range2:1000~10000MHz | -35.35 | PASS |

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

## Test Graphs

