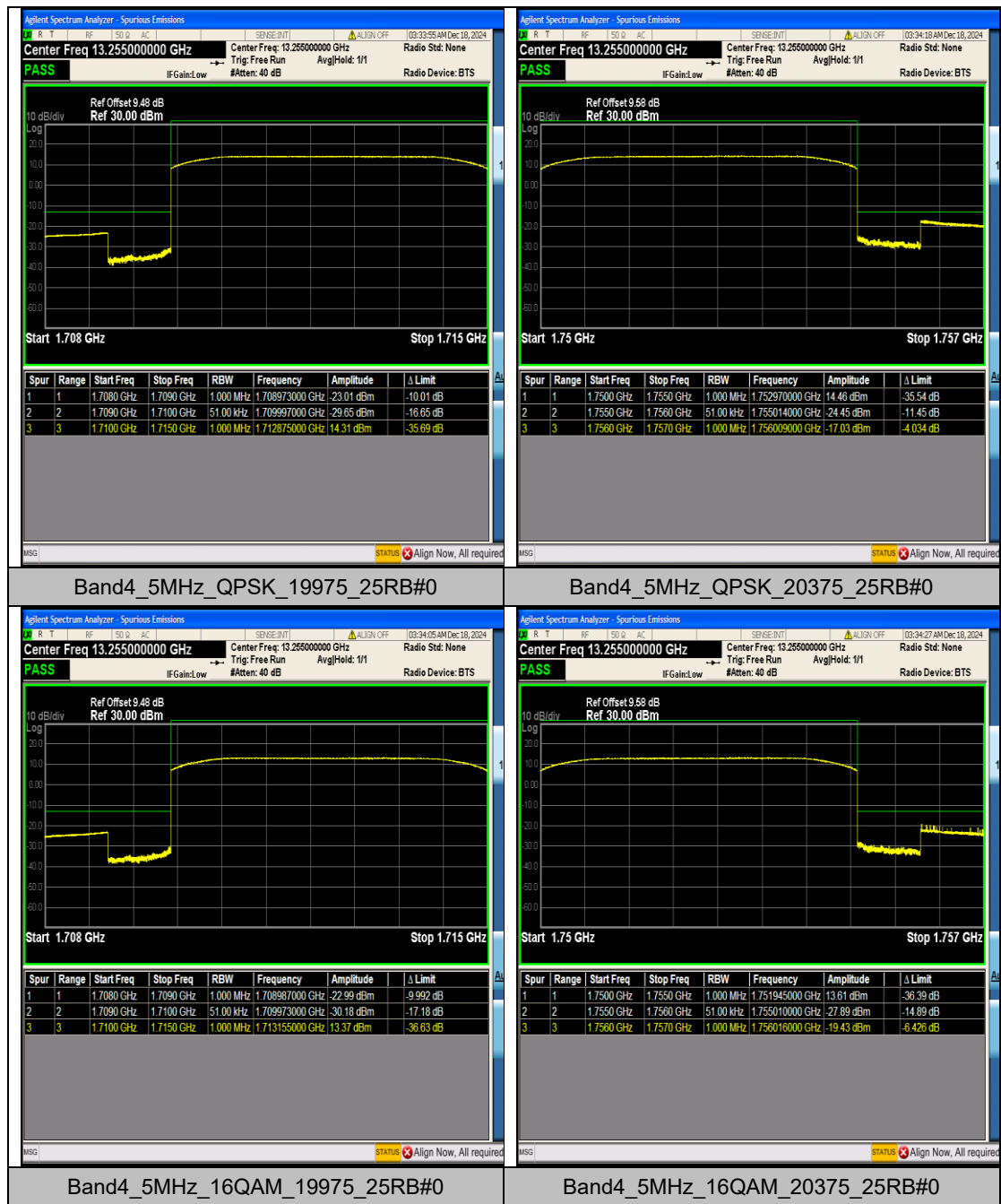
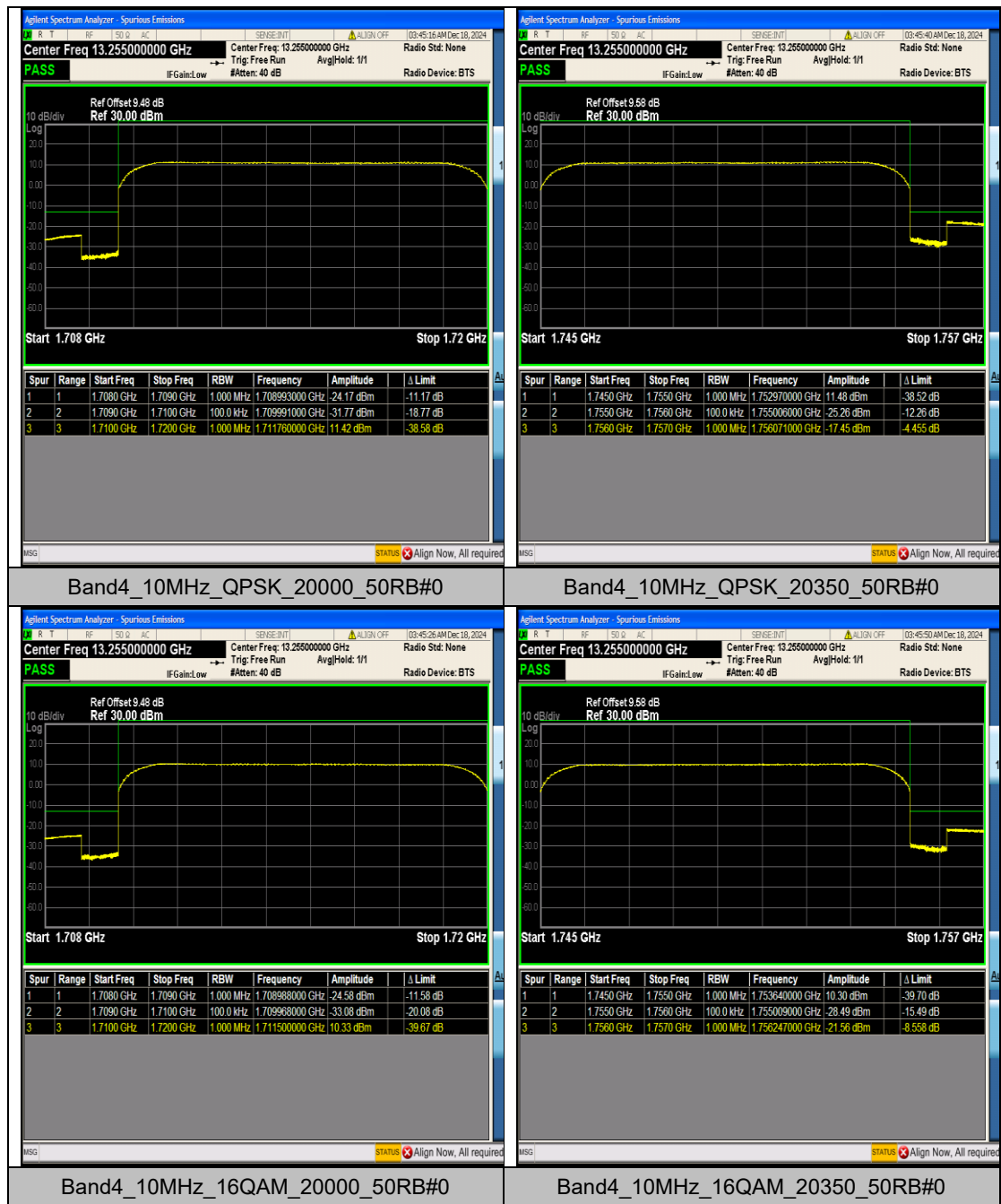
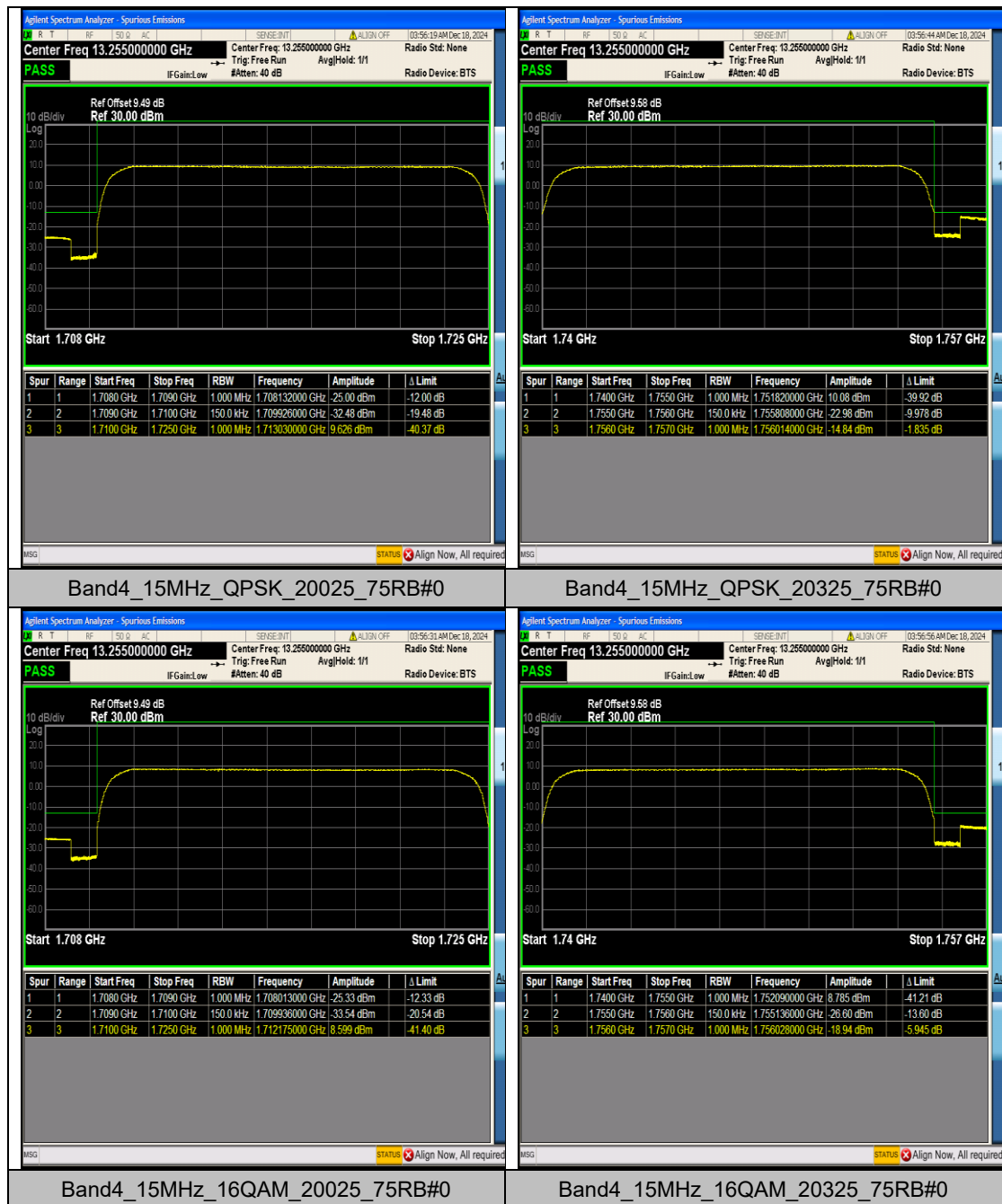
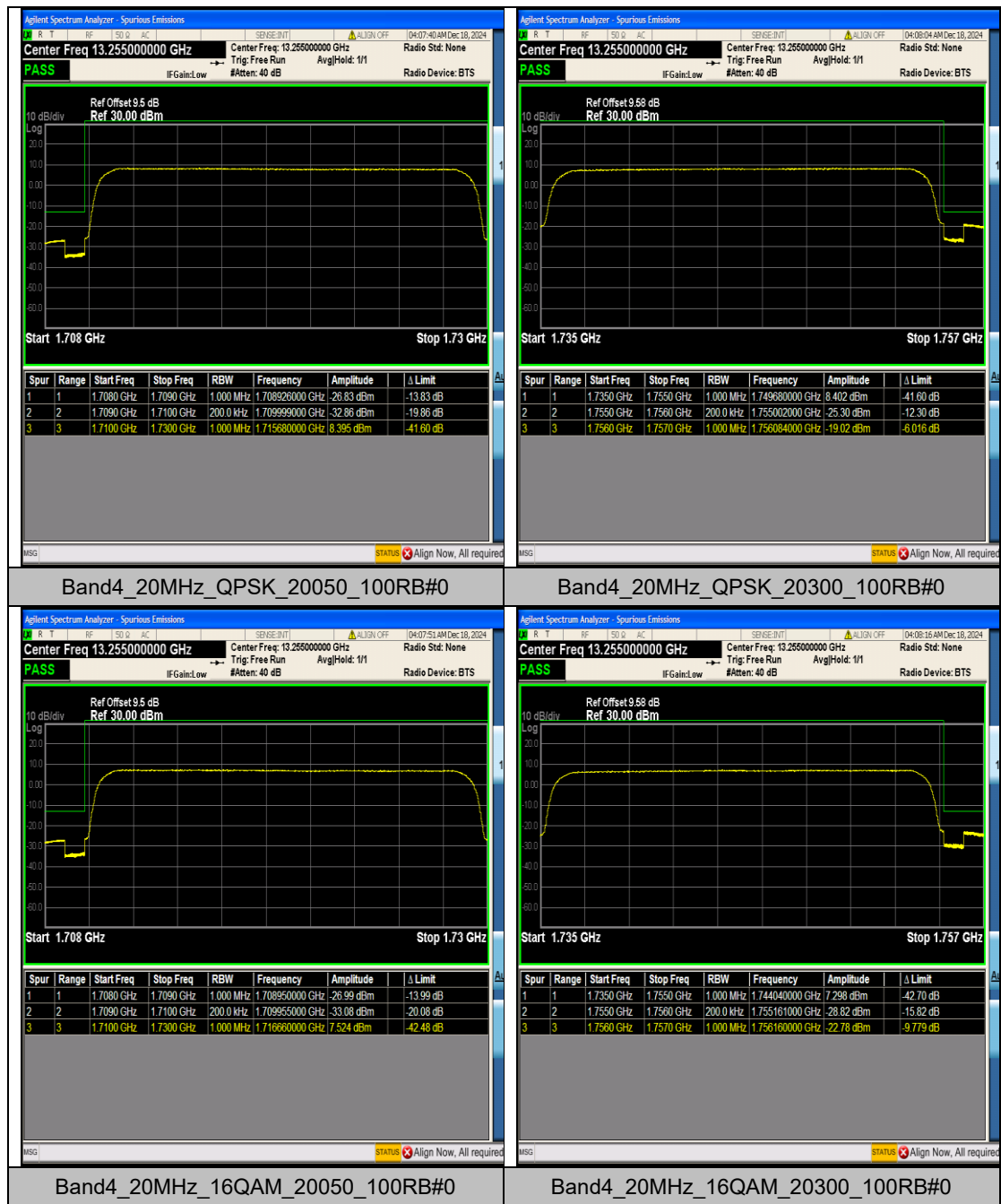










## Appendix E: Conducted Spurious Emission

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 0.009~0.15      | -58.12       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 0.15~30         | -53.50       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 30~1000         | -61.97       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1000~3000       | -36.14       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 3000~20000      | -38.31       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 0.009~0.15      | -55.59       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 0.15~30         | -53.37       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 30~1000         | -61.85       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1000~3000       | -34.04       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 3000~20000      | -38.47       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 0.009~0.15      | -53.98       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 0.15~30         | -54.87       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 30~1000         | -61.70       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1000~3000       | -26.02       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 3000~20000      | -38.52       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 0.009~0.15      | -57.46       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 0.15~30         | -53.56       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 30~1000         | -61.75       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1000~3000       | -37.80       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 3000~20000      | -38.22       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 0.009~0.15      | -55.80       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 0.15~30         | -53.24       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 30~1000         | -61.91       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1000~3000       | -37.46       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 3000~20000      | -38.26       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 0.009~0.15      | -56.78       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 0.15~30         | -55.13       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 30~1000         | -61.74       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1000~3000       | -34.06       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 3000~20000      | -38.19       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 0.009~0.15      | -56.09       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 0.15~30         | -54.45       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 30~1000         | -61.99       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 1000~3000       | -38.34       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 3000~20000      | -38.27       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 0.009~0.15      | -54.79       | PASS    |

|       |      |       |       |        |            |        |      |
|-------|------|-------|-------|--------|------------|--------|------|
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 0.15~30    | -53.02 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 30~1000    | -61.73 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 1000~3000  | -37.99 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 3000~20000 | -38.10 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 0.009~0.15 | -57.37 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 0.15~30    | -54.05 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 30~1000    | -61.95 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 1000~3000  | -22.22 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 3000~20000 | -38.29 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 0.009~0.15 | -56.07 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 0.15~30    | -54.30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 30~1000    | -61.88 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 1000~3000  | -41.08 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 3000~20000 | -37.78 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 0.009~0.15 | -60.52 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 0.15~30    | -54.16 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 30~1000    | -62.03 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 1000~3000  | -39.52 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 3000~20000 | -38.23 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 0.009~0.15 | -58.66 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 0.15~30    | -55.16 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 30~1000    | -61.54 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 1000~3000  | -27.31 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 3000~20000 | -38.19 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 0.009~0.15 | -57.05 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 0.15~30    | -54.08 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 30~1000    | -61.56 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 1000~3000  | -41.73 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 3000~20000 | -37.99 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 0.009~0.15 | -58.34 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 0.15~30    | -50.84 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 30~1000    | -61.75 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 1000~3000  | -39.75 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 3000~20000 | -37.98 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 0.009~0.15 | -59.75 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 0.15~30    | -55.27 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 30~1000    | -61.85 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 1000~3000  | -41.57 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 3000~20000 | -38.27 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 0.009~0.15 | -59.05 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 0.15~30    | -54.27 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 30~1000    | -61.87 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 1000~3000  | -43.45 | PASS |

|       |       |       |       |        |            |        |      |
|-------|-------|-------|-------|--------|------------|--------|------|
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | 3000~20000 | -38.25 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 0.009~0.15 | -55.22 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 0.15~30    | -54.17 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 30~1000    | -61.86 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 1000~3000  | -42.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 3000~20000 | -38.37 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 0.009~0.15 | -60.10 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 0.15~30    | -54.43 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 30~1000    | -61.84 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 1000~3000  | -41.92 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 3000~20000 | -38.61 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 0.009~0.15 | -56.55 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 0.15~30    | -53.04 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 30~1000    | -61.83 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 1000~3000  | -43.50 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 3000~20000 | -38.47 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 0.009~0.15 | -56.66 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 0.15~30    | -54.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 30~1000    | -61.80 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 1000~3000  | -43.12 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 3000~20000 | -38.42 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 0.009~0.15 | -57.43 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 0.15~30    | -53.58 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 30~1000    | -61.79 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 1000~3000  | -43.75 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 3000~20000 | -38.63 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 0.009~0.15 | -58.49 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 0.15~30    | -54.24 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 30~1000    | -61.88 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 1000~3000  | -45.71 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 3000~20000 | -38.28 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 0.009~0.15 | -55.59 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 0.15~30    | -54.46 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 30~1000    | -61.91 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 1000~3000  | -43.61 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 3000~20000 | -38.57 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 0.009~0.15 | -58.58 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 0.15~30    | -54.51 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 30~1000    | -61.81 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 1000~3000  | -44.94 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 3000~20000 | -38.71 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | 0.009~0.15 | -58.91 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | 0.15~30    | -52.75 | PASS |

|       |       |       |       |         |            |        |      |
|-------|-------|-------|-------|---------|------------|--------|------|
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 30~1000    | -61.55 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 1000~3000  | -42.94 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 3000~20000 | -38.16 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 0.009~0.15 | -55.92 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 0.15~30    | -52.09 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 30~1000    | -61.94 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 1000~3000  | -43.74 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 3000~20000 | -38.06 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 0.009~0.15 | -59.73 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 0.15~30    | -54.48 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 30~1000    | -61.94 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 1000~3000  | -44.03 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 3000~20000 | -38.59 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 0.009~0.15 | -56.58 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 0.15~30    | -52.87 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 30~1000    | -61.99 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 1000~3000  | -44.11 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 3000~20000 | -38.67 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 0.009~0.15 | -57.51 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 0.15~30    | -54.92 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 30~1000    | -62.12 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 1000~3000  | -44.12 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 3000~20000 | -38.60 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 0.009~0.15 | -58.18 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 0.15~30    | -53.35 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 30~1000    | -54.93 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 1000~3000  | -45.55 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 3000~20000 | -38.55 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 0.009~0.15 | -51.89 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 0.15~30    | -54.39 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 30~1000    | -61.84 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 1000~3000  | -46.48 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 3000~20000 | -38.42 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 0.009~0.15 | -55.04 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 0.15~30    | -53.31 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 30~1000    | -61.86 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 1000~3000  | -46.37 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 3000~20000 | -38.13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 0.009~0.15 | -58.09 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 0.15~30    | -53.50 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 30~1000    | -61.93 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 1000~3000  | -47.02 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 3000~20000 | -38.57 | PASS |



|       |       |       |       |         |            |        |      |
|-------|-------|-------|-------|---------|------------|--------|------|
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 0.009~0.15 | -54.88 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 0.15~30    | -54.29 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 30~1000    | -61.74 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 1000~3000  | -47.18 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 3000~20000 | -38.59 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 0.009~0.15 | -59.28 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 0.15~30    | -55.89 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 30~1000    | -62.04 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 1000~3000  | -46.96 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 3000~20000 | -38.39 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 0.009~0.15 | -57.79 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 0.15~30    | -54.49 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 30~1000    | -61.48 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 1000~3000  | -46.94 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 3000~20000 | -38.66 | PASS |

## Test Graphs

