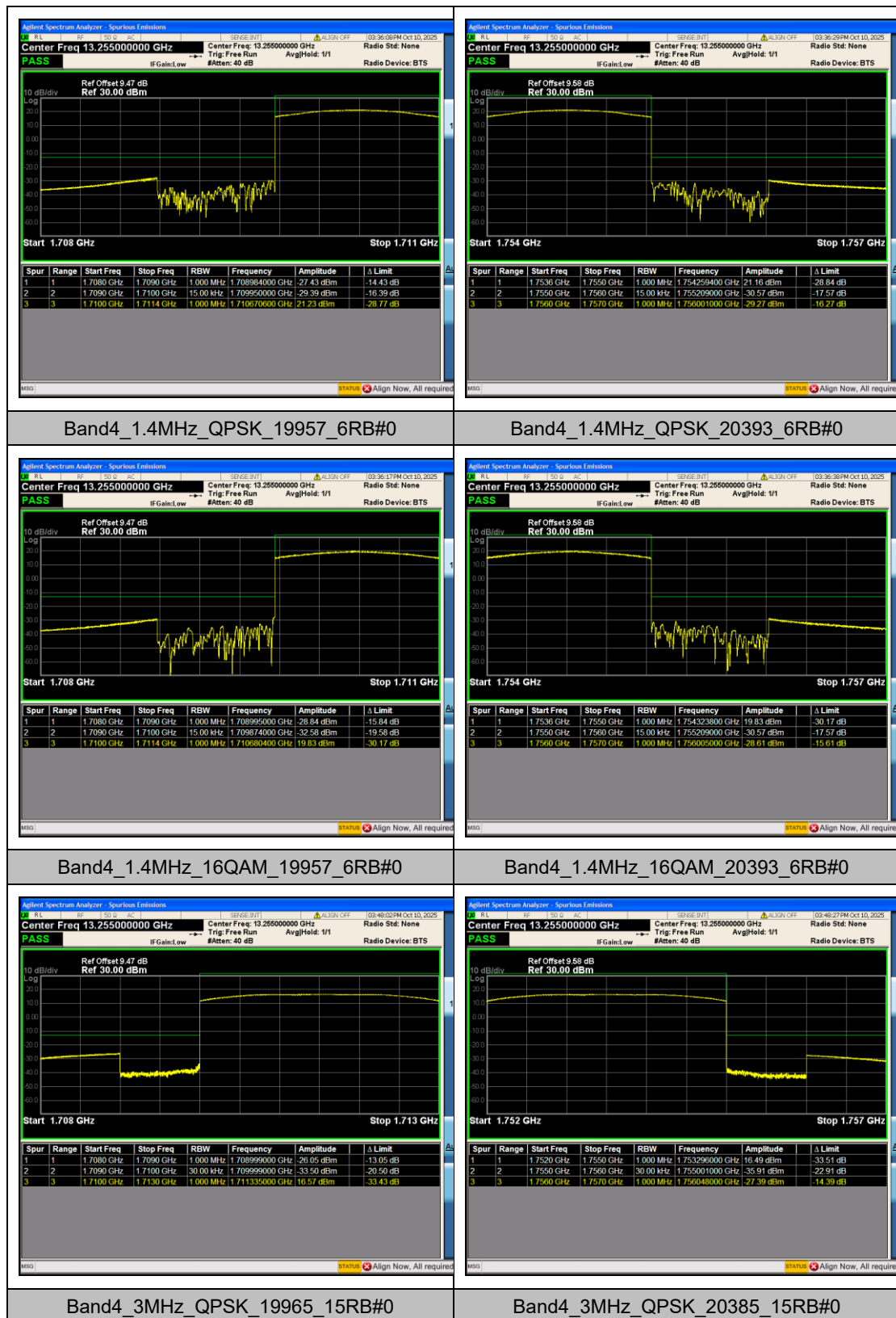
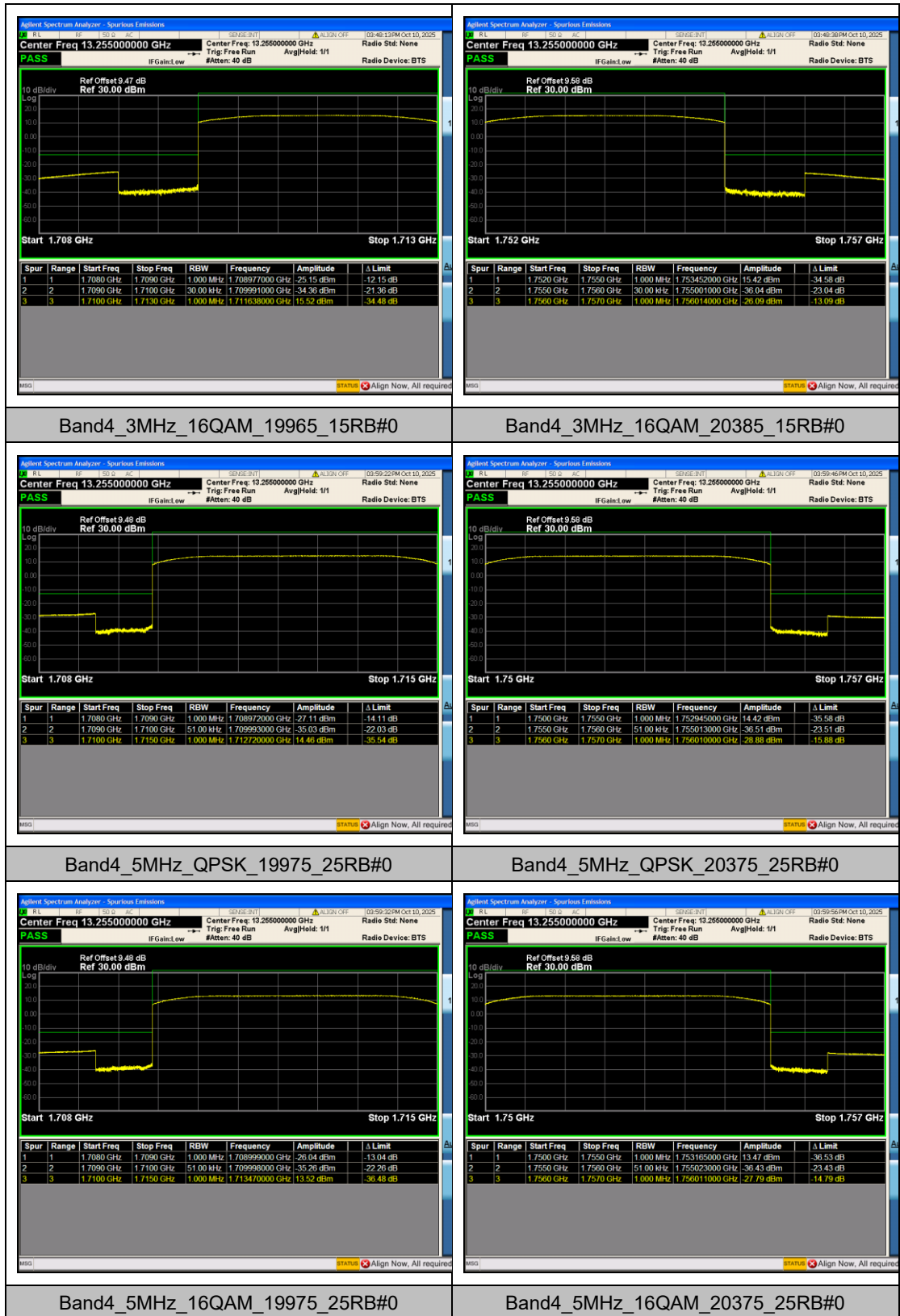
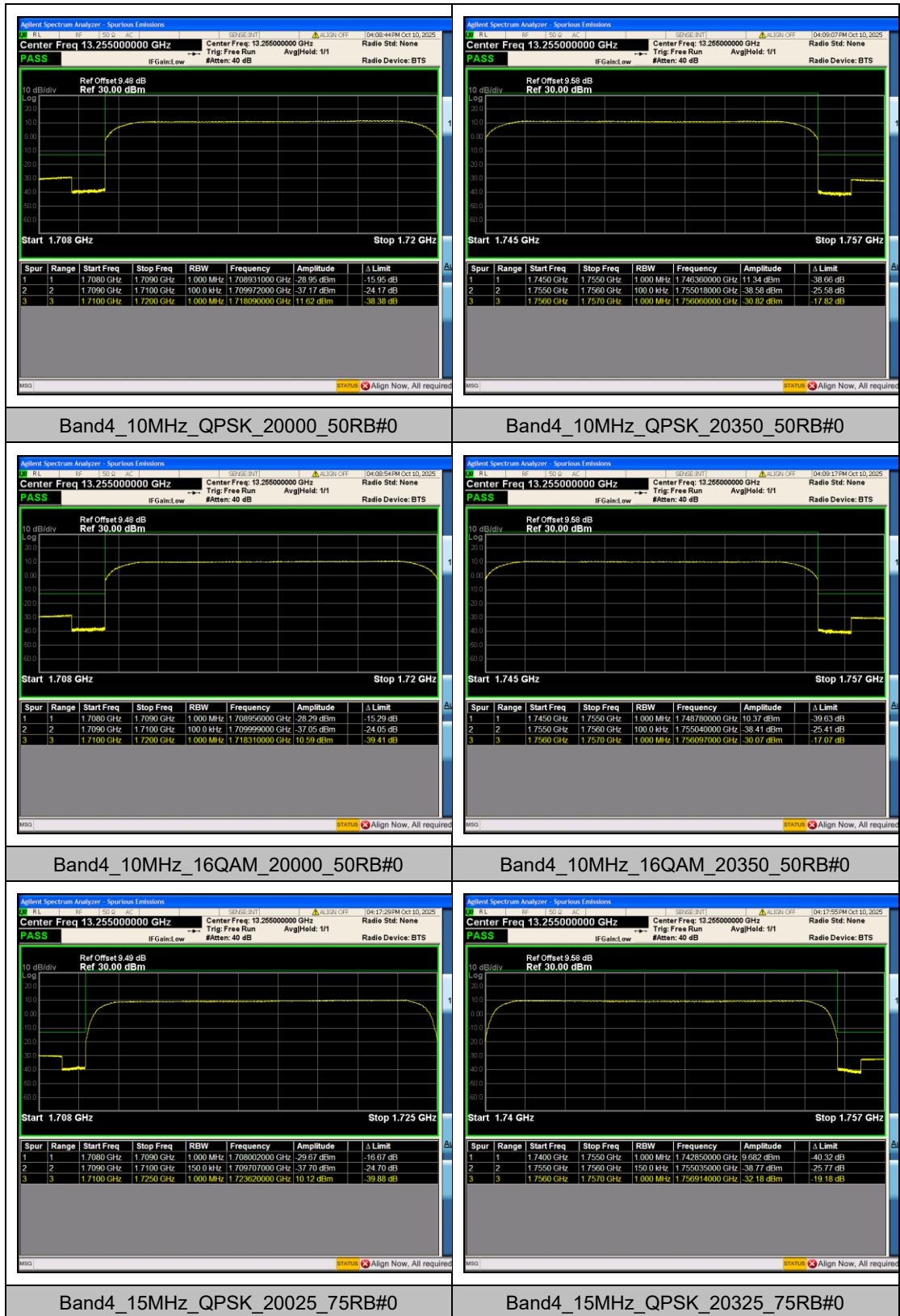
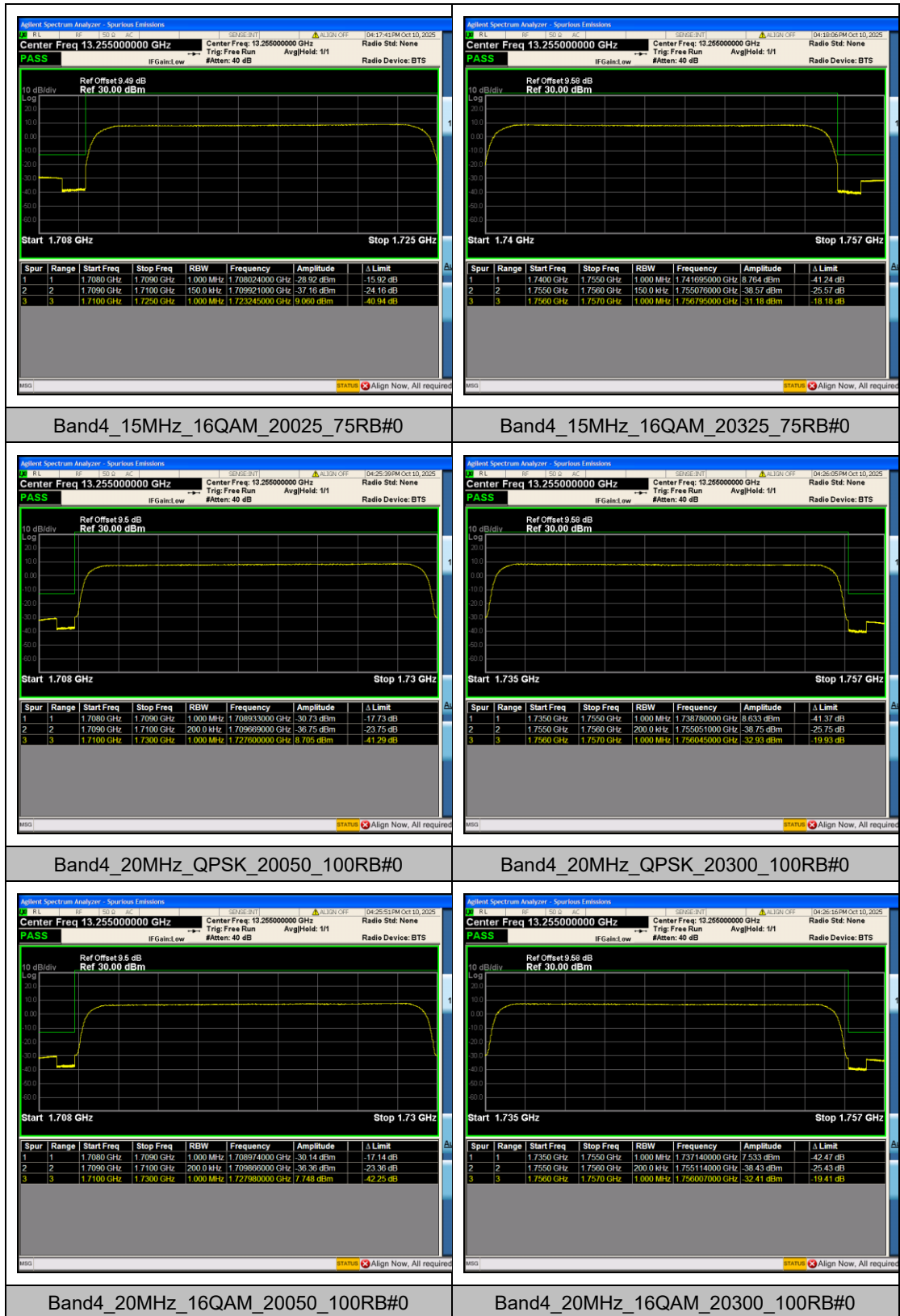


## Test Graphs









## 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      | -56.41       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 0.15~30         | -52.51       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 30~1000         | -61.67       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1000~3000       | -33.25       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 3000~20000      | -38.04       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 0.009~0.15      | -58.33       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 0.15~30         | -54.29       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 30~1000         | -62.17       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1000~3000       | -34.53       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 3000~20000      | -38.24       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 0.009~0.15      | -56.28       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 0.15~30         | -52.23       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 30~1000         | -62.31       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1000~3000       | -23.78       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 3000~20000      | -38.05       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 0.009~0.15      | -55.91       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 0.15~30         | -52.92       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 30~1000         | -62.27       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1000~3000       | -34.91       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 3000~20000      | -38.15       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 0.009~0.15      | -58.16       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 0.15~30         | -53.55       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 30~1000         | -62.34       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1000~3000       | -34.23       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 3000~20000      | -38.21       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 0.009~0.15      | -59.50       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 0.15~30         | -53.53       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 30~1000         | -62.19       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1000~3000       | -31.61       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 3000~20000      | -38.54       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 0.009~0.15      | -54.62       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 0.15~30         | -52.75       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 30~1000         | -62.03       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 1000~3000       | -35.81       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 3000~20000      | -38.50       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 0.009~0.15      | -57.10       | PASS    |

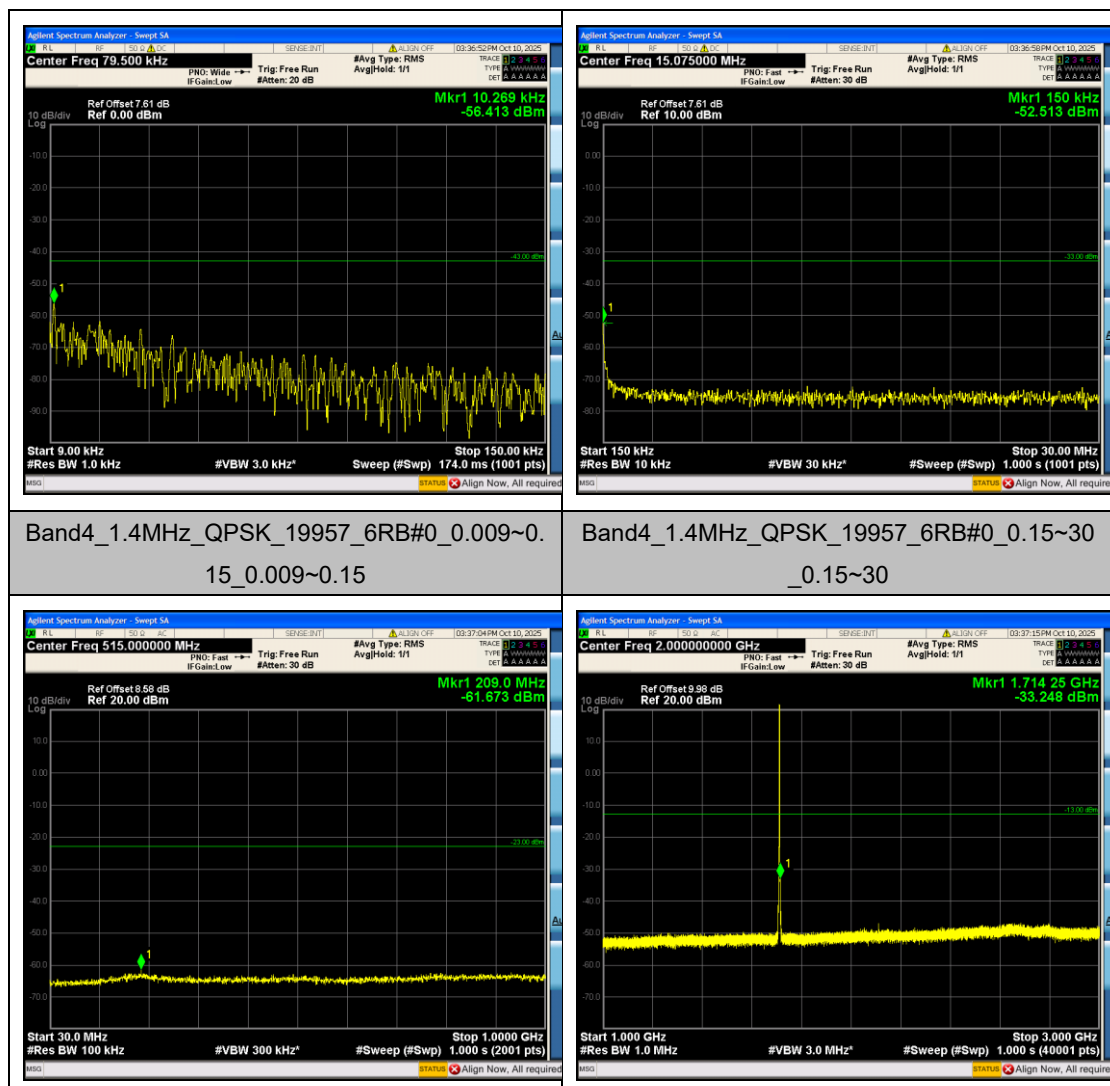
|       |      |       |       |        |            |        |      |
|-------|------|-------|-------|--------|------------|--------|------|
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 0.15~30    | -52.66 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 30~1000    | -62.37 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 1000~3000  | -35.01 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 3000~20000 | -38.39 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 0.009~0.15 | -59.24 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 0.15~30    | -53.75 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 30~1000    | -62.23 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 1000~3000  | -33.85 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 3000~20000 | -38.39 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 0.009~0.15 | -55.23 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 0.15~30    | -52.30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 30~1000    | -62.15 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 1000~3000  | -36.57 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 3000~20000 | -38.38 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 0.009~0.15 | -57.23 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 0.15~30    | -54.14 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 30~1000    | -62.04 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 1000~3000  | -37.16 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 3000~20000 | -38.09 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 0.009~0.15 | -58.17 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 0.15~30    | -52.38 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 30~1000    | -62.20 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 1000~3000  | -36.26 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 3000~20000 | -38.42 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 0.009~0.15 | -59.08 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 0.15~30    | -51.29 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 30~1000    | -62.31 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 1000~3000  | -36.56 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | 3000~20000 | -38.39 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 0.009~0.15 | -59.07 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 0.15~30    | -54.81 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 30~1000    | -61.95 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 1000~3000  | -37.26 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | 3000~20000 | -38.30 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 0.009~0.15 | -59.22 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 0.15~30    | -53.97 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 30~1000    | -62.17 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 1000~3000  | -35.87 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | 3000~20000 | -38.76 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 0.009~0.15 | -58.70 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 0.15~30    | -53.96 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 30~1000    | -61.95 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 1000~3000  | -38.80 | PASS |

|       |       |       |       |        |            |        |      |
|-------|-------|-------|-------|--------|------------|--------|------|
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | 3000~20000 | -37.61 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 0.009~0.15 | -57.01 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 0.15~30    | -53.20 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 30~1000    | -62.09 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 1000~3000  | -29.11 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | 3000~20000 | -38.54 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 0.009~0.15 | -55.97 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 0.15~30    | -52.44 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 30~1000    | -62.33 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 1000~3000  | -38.25 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | 3000~20000 | -38.29 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 0.009~0.15 | -58.10 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 0.15~30    | -54.57 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 30~1000    | -62.36 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 1000~3000  | -39.37 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | 3000~20000 | -38.13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 0.009~0.15 | -56.56 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 0.15~30    | -52.50 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 30~1000    | -61.98 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 1000~3000  | -40.26 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | 3000~20000 | -38.10 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 0.009~0.15 | -57.96 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 0.15~30    | -53.16 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 30~1000    | -62.20 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 1000~3000  | -39.58 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | 3000~20000 | -38.28 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 0.009~0.15 | -57.85 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 0.15~30    | -53.28 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 30~1000    | -62.06 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 1000~3000  | -41.52 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 3000~20000 | -38.37 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 0.009~0.15 | -57.77 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 0.15~30    | -53.21 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 30~1000    | -62.32 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 1000~3000  | -42.10 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 3000~20000 | -38.59 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 0.009~0.15 | -56.89 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 0.15~30    | -52.45 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 30~1000    | -62.16 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 1000~3000  | -40.64 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 3000~20000 | -37.89 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | 0.009~0.15 | -59.74 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | 0.15~30    | -53.27 | PASS |

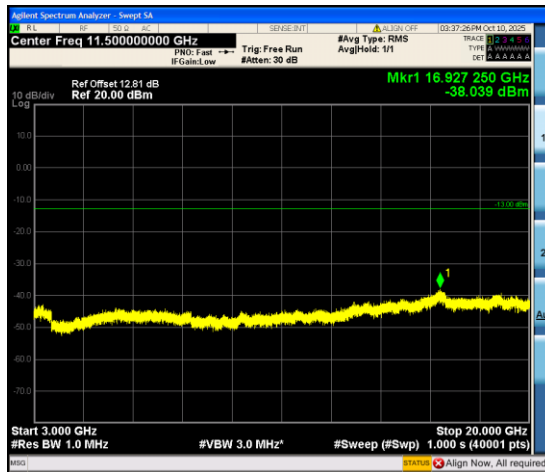
|       |       |       |       |         |            |        |      |
|-------|-------|-------|-------|---------|------------|--------|------|
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 30~1000    | -61.98 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 1000~3000  | -39.11 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 3000~20000 | -38.37 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 0.009~0.15 | -58.95 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 0.15~30    | -52.09 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 30~1000    | -62.02 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 1000~3000  | -39.41 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 3000~20000 | -38.31 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 0.009~0.15 | -59.56 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 0.15~30    | -54.29 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 30~1000    | -62.21 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 1000~3000  | -38.03 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 3000~20000 | -38.15 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 0.009~0.15 | -56.12 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 0.15~30    | -52.74 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 30~1000    | -62.45 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 1000~3000  | -40.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 3000~20000 | -38.58 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 0.009~0.15 | -57.73 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 0.15~30    | -53.27 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 30~1000    | -62.09 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 1000~3000  | -40.69 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 3000~20000 | -38.27 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 0.009~0.15 | -57.02 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 0.15~30    | -52.25 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 30~1000    | -62.30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 1000~3000  | -40.10 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 3000~20000 | -38.45 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 0.009~0.15 | -57.63 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 0.15~30    | -53.23 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 30~1000    | -61.98 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 1000~3000  | -42.46 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 3000~20000 | -38.04 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 0.009~0.15 | -58.46 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 0.15~30    | -53.13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 30~1000    | -62.53 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 1000~3000  | -43.39 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 3000~20000 | -38.58 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 0.009~0.15 | -59.30 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 0.15~30    | -53.10 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 30~1000    | -62.25 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 1000~3000  | -44.58 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 3000~20000 | -38.37 | PASS |

|       |       |       |       |         |            |        |      |
|-------|-------|-------|-------|---------|------------|--------|------|
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 0.009~0.15 | -59.47 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 0.15~30    | -53.10 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 30~1000    | -62.34 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 1000~3000  | -43.57 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 3000~20000 | -38.13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 0.009~0.15 | -56.93 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 0.15~30    | -53.36 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 30~1000    | -62.05 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 1000~3000  | -45.35 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 3000~20000 | -38.38 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 0.009~0.15 | -58.63 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 0.15~30    | -53.57 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 30~1000    | -62.54 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 1000~3000  | -45.17 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 3000~20000 | -38.52 | PASS |

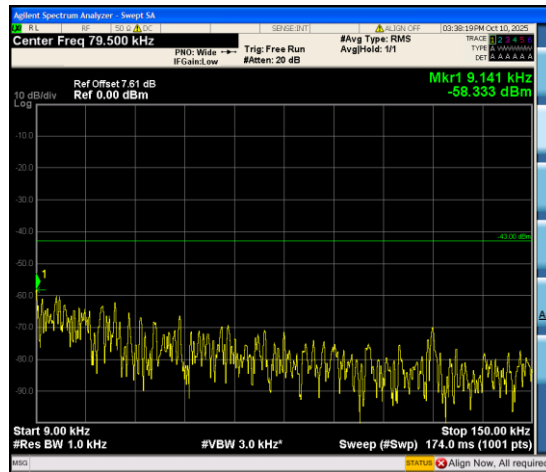
## Test Graphs



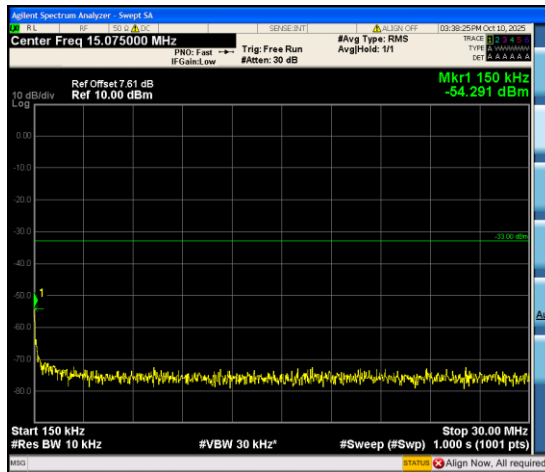
Band4\_1.4MHz\_QPSK\_19957\_6RB#0\_30~1000  
\_30~1000



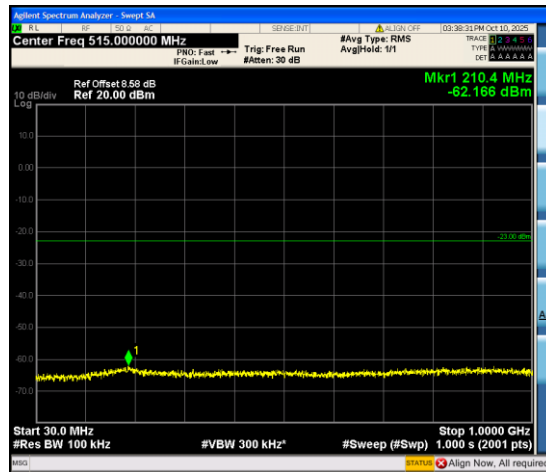
Band4\_1.4MHz\_QPSK\_19957\_6RB#0\_1000~30  
00\_1000~3000



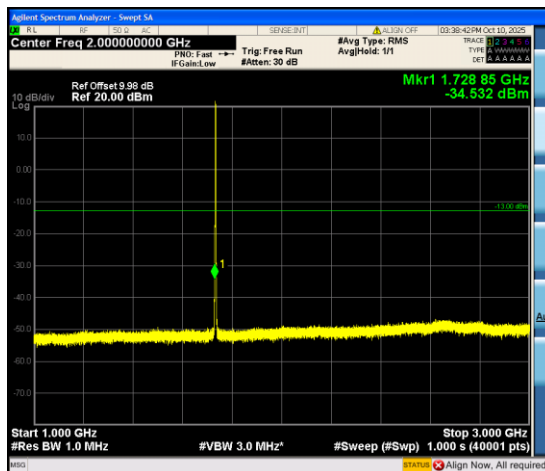
Band4\_1.4MHz\_QPSK\_19957\_6RB#0\_3000~20  
000\_3000~20000



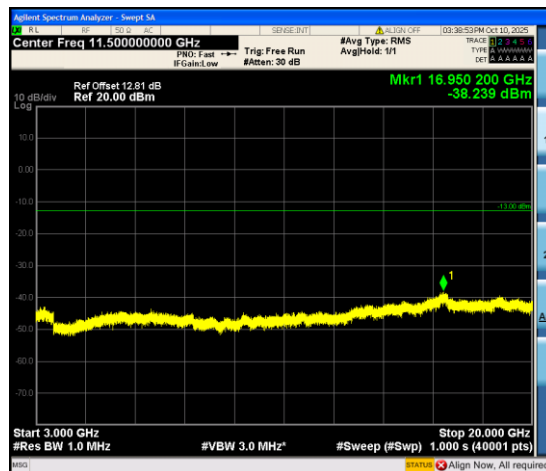
Band4\_1.4MHz\_QPSK\_20175\_6RB#0\_0.009~0.  
15\_0.009~0.15



Band4\_1.4MHz\_QPSK\_20175\_6RB#0\_0.15~30  
\_0.15~30



Band4\_1.4MHz\_QPSK\_20175\_6RB#0\_30~1000  
\_30~1000



Band4\_1.4MHz\_QPSK\_20175\_6RB#0\_1000~30  
00\_1000~3000

Band4\_1.4MHz\_QPSK\_20175\_6RB#0\_3000~20  
000\_3000~20000

