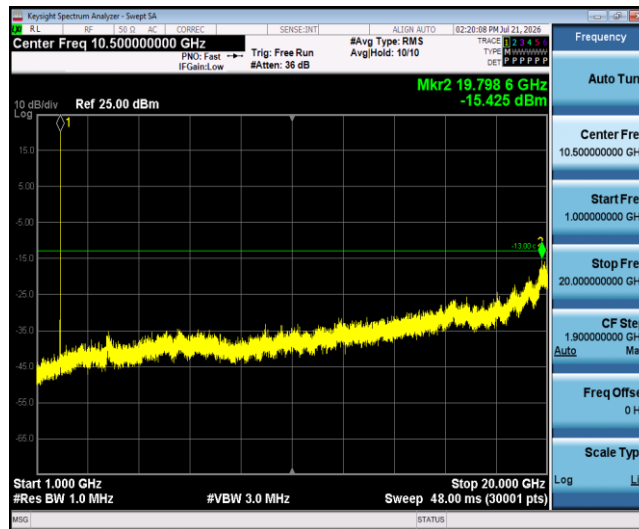
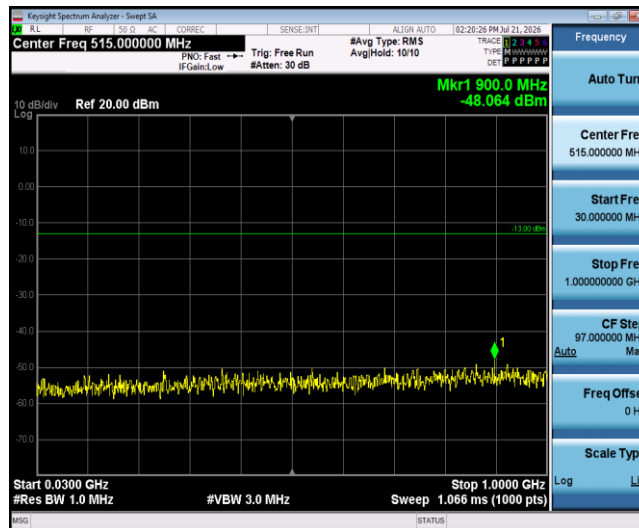
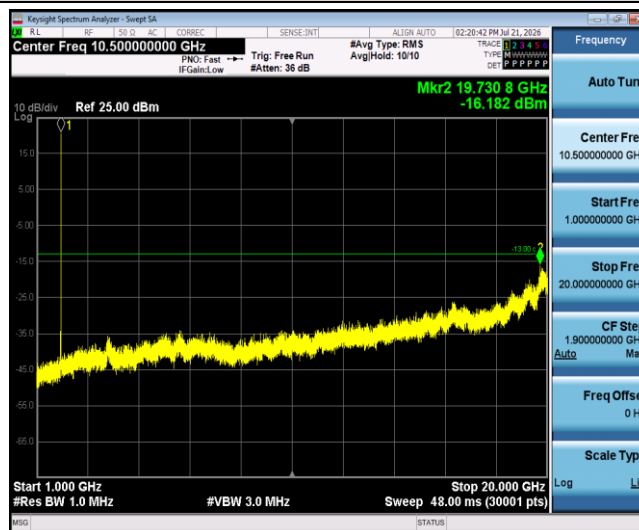




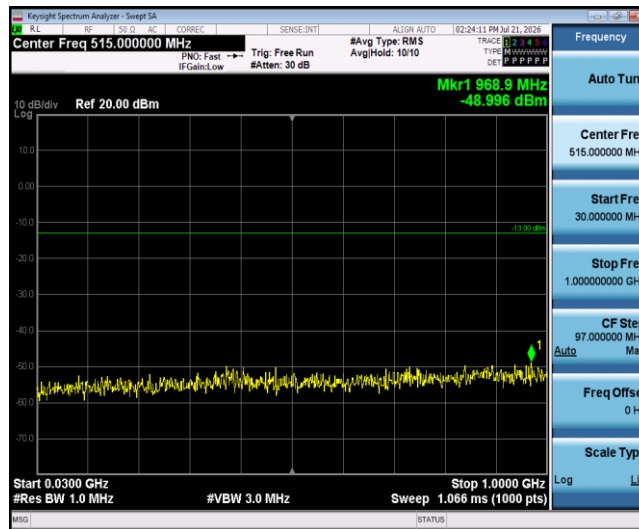
Band2-10MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



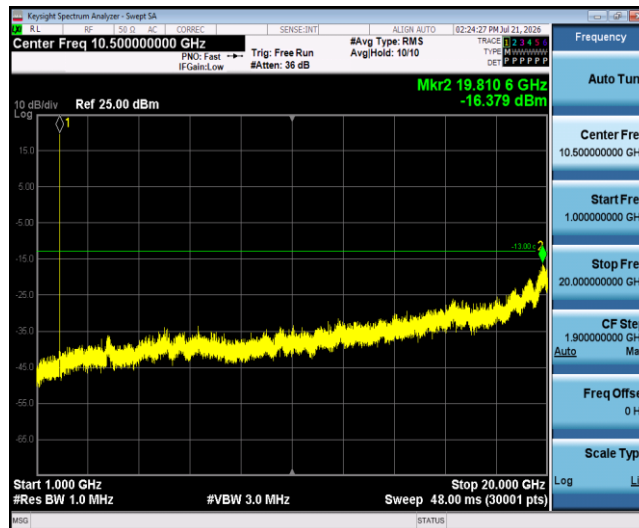
Band2-10MHz-QPSK-19150-1RB#0-Range1:30~1000MHz



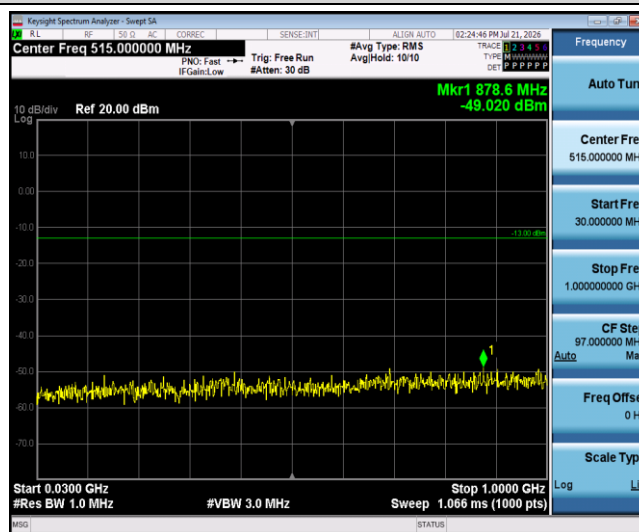
Band2-10MHz-QPSK-19150-1RB#0-Range2:1000~20000MHz



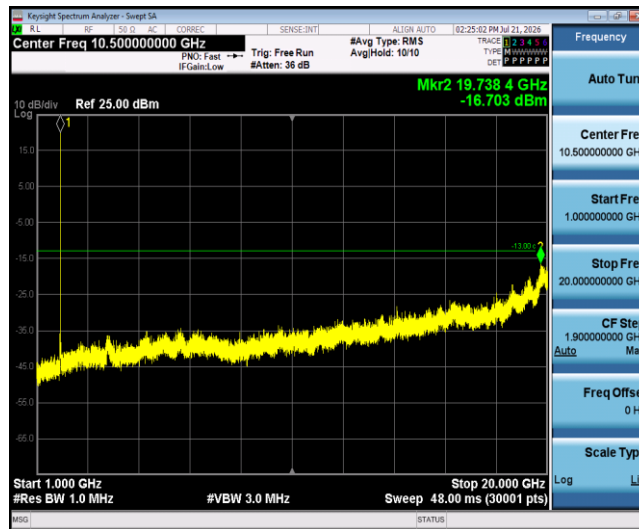
Band2-15MHz-QPSK-18675-1RB#0-Range1:30~1000MHz



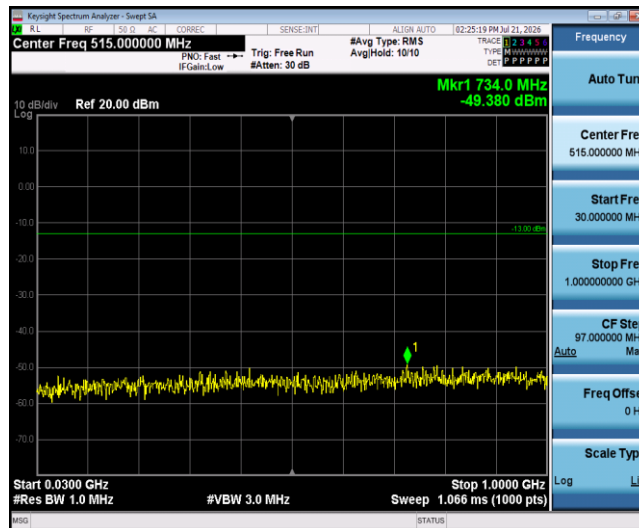
Band2-15MHz-QPSK-18675-1RB#0-Range2:1000~20000MHz



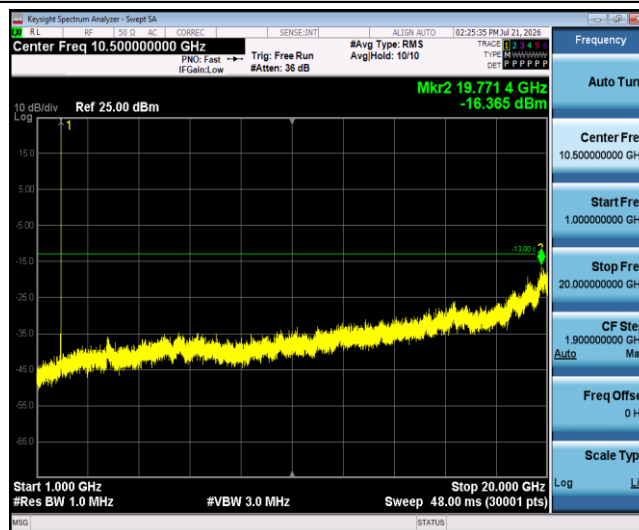
Band2-15MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



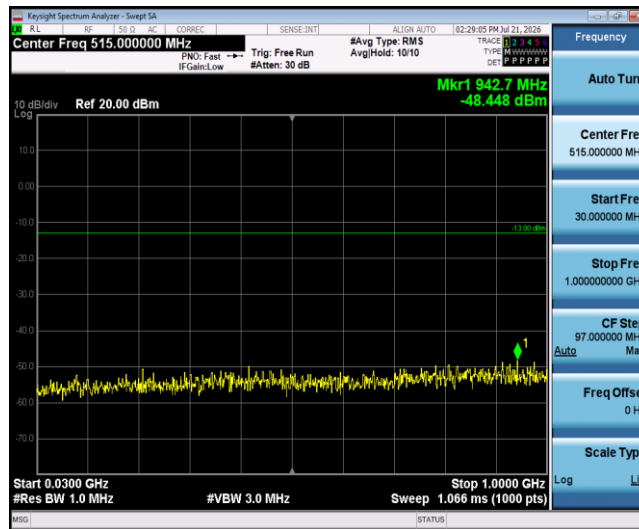
Band2-15MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



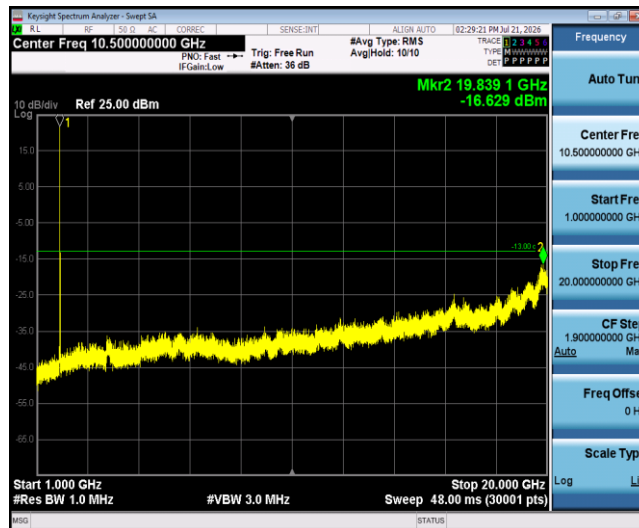
Band2-15MHz-QPSK-19125-1RB#0-Range1:30~1000MHz



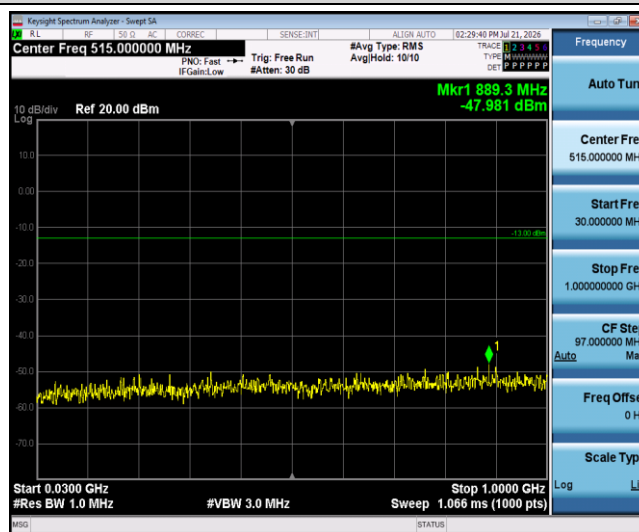
Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~20000MHz



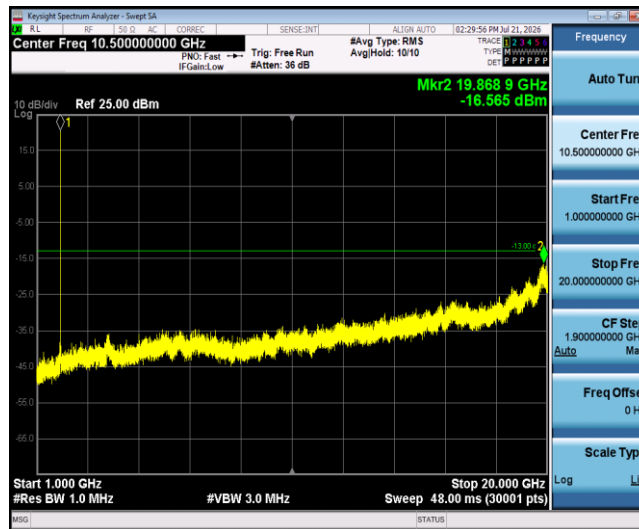
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



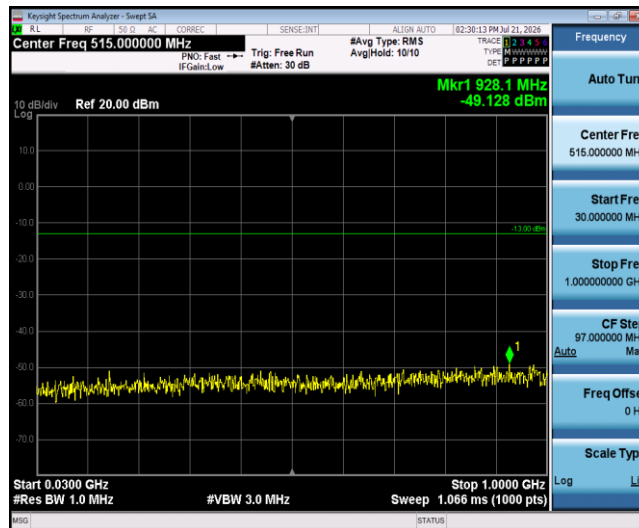
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



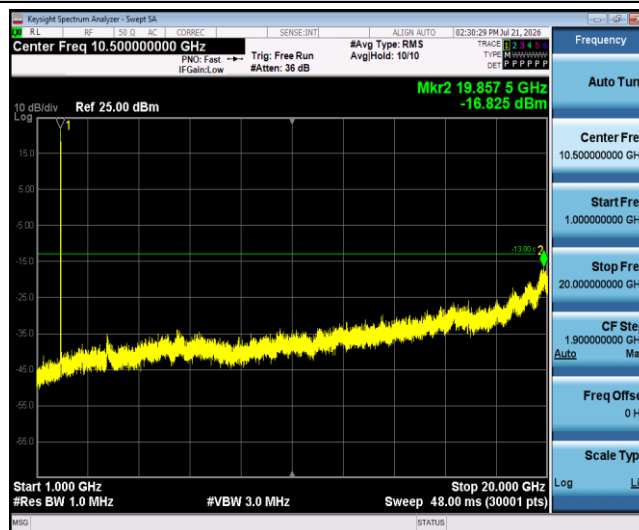
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



## Appendix F: Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2   | 1.4MHz    | QPSK       | 18607   | 6RB#0        | VL            | NT               | 9.93           | 0.005366        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18607   | 6RB#0        | VN            | NT               | -7.10          | -0.003836       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18607   | 6RB#0        | VH            | NT               | -12.86         | -0.006949       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VL            | NT               | -13.70         | -0.007287       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VN            | NT               | -28.15         | -0.014973       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VH            | NT               | -11.27         | -0.005995       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 19193   | 6RB#0        | VL            | NT               | 10.16          | 0.005321        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 19193   | 6RB#0        | VN            | NT               | -10.32         | -0.005405       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 19193   | 6RB#0        | VH            | NT               | 12.96          | 0.006788        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18607   | 6RB#0        | VL            | NT               | -8.27          | -0.004469       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18607   | 6RB#0        | VN            | NT               | 5.23           | 0.002826        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18607   | 6RB#0        | VH            | NT               | -9.70          | -0.005241       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VL            | NT               | -8.34          | -0.004436       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VN            | NT               | -20.14         | -0.010713       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VH            | NT               | 12.29          | 0.006537        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 19193   | 6RB#0        | VL            | NT               | -6.25          | -0.003273       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 19193   | 6RB#0        | VN            | NT               | 8.58           | 0.004494        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 19193   | 6RB#0        | VH            | NT               | -10.01         | -0.005243       | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | -30              | -12.89         | -0.006965       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | -20              | -7.63          | -0.004123       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | 0                | -9.52          | -0.005144       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | 10               | 10.85          | 0.005863        | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | 20               | 13.81          | 0.007462        | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | -30              | -14.96         | -0.007957       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | -20              | 12.88          | 0.006851        | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 0                | 13.57          | 0.007218        | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 10               | -8.03          | -0.004271       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 20               | -12.45         | -0.006622       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 19193   | 6RB#0        | NV            | -30              | -11.34         | -0.005939       | ±2.5        | PASS    |

|       |        |       |       |       |    |     |        |           |      |      |
|-------|--------|-------|-------|-------|----|-----|--------|-----------|------|------|
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | -20 | 10.31  | 0.005400  | ±2.5 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | 0   | 5.37   | 0.002813  | ±2.5 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | 10  | -6.65  | -0.003483 | ±2.5 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | 20  | -17.19 | -0.009003 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | -30 | 10.12  | 0.005468  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | -20 | 9.59   | 0.005182  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | 0   | -7.04  | -0.003804 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | 10  | -9.13  | -0.004933 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | 20  | 12.40  | 0.006700  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | -30 | 19.94  | 0.010606  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | -20 | -11.55 | -0.006144 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | 0   | -11.63 | -0.006186 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | 10  | 8.55   | 0.004548  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | 20  | 11.53  | 0.006133  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | -30 | 11.27  | 0.005903  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | -20 | -8.04  | -0.004211 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | 0   | 11.74  | 0.006149  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | 10  | 13.62  | 0.007134  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | 20  | -11.96 | -0.006264 | ±2.5 | PASS |