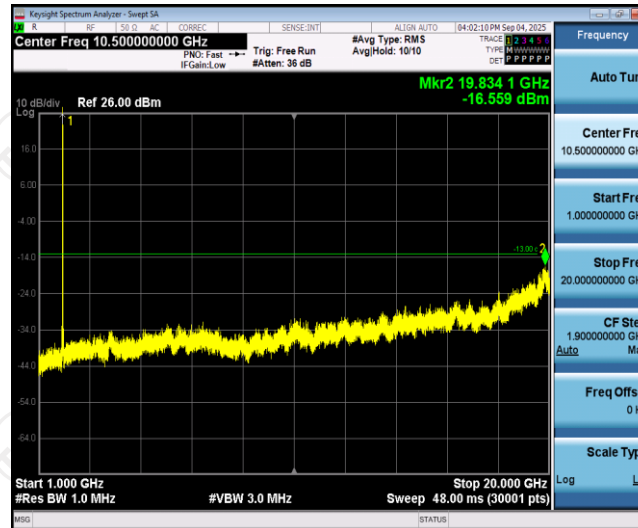
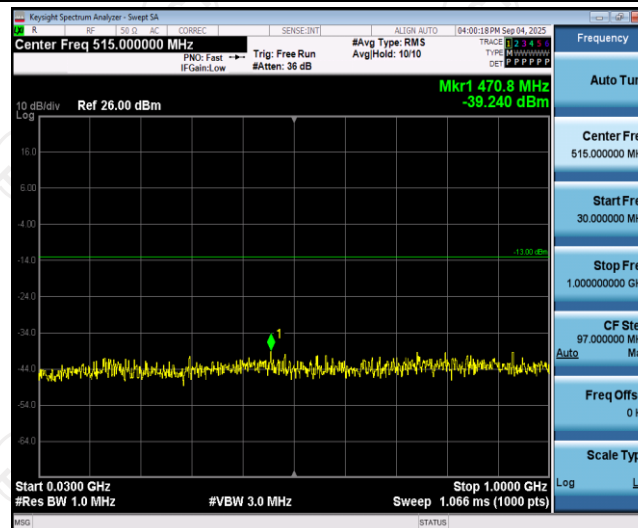
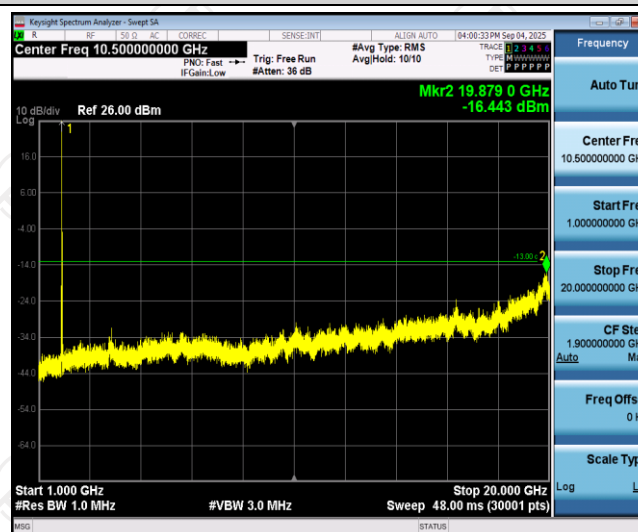




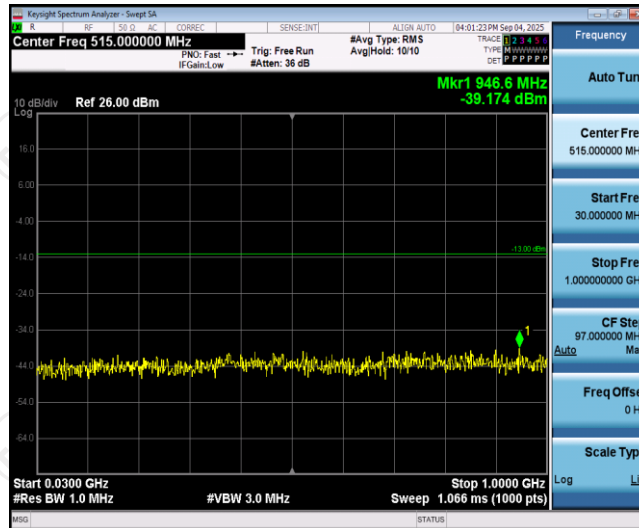
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



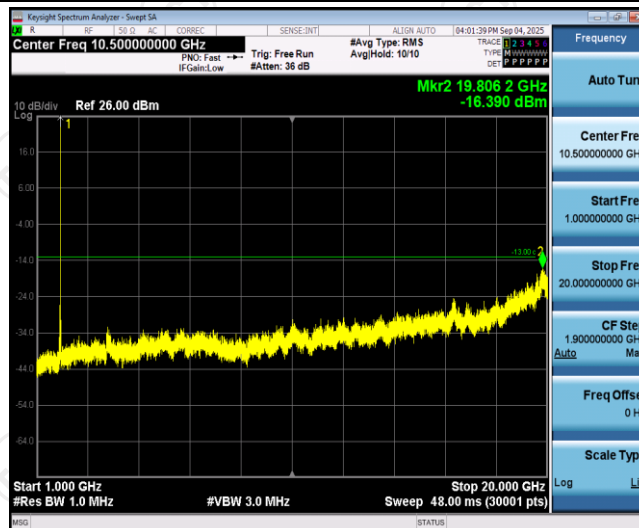
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



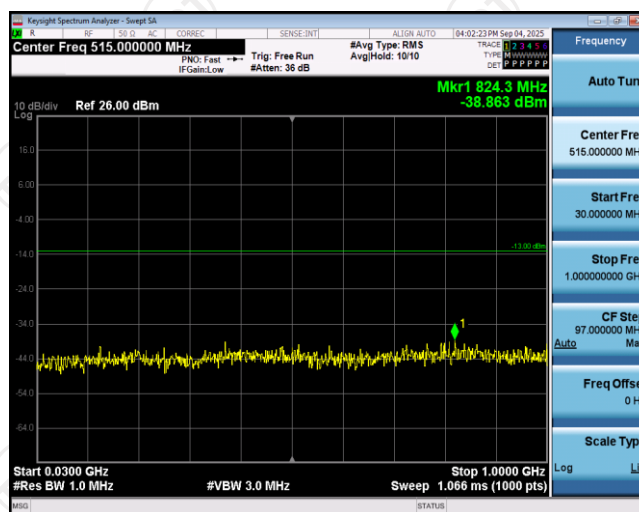
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



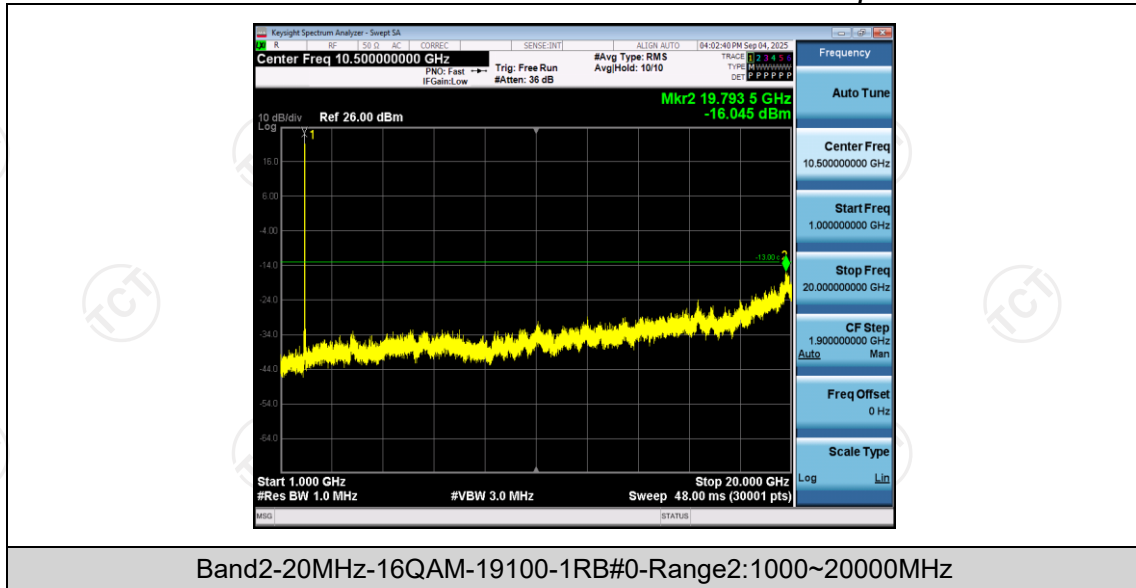
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range2: 1000~20000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



## 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               | -30.17         | -0.016302       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18607   | 6RB#0        | VN            | NT               | -40.73         | -0.022008       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18607   | 6RB#0        | VH            | NT               | 9.62           | 0.005198        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VL            | NT               | -48.01         | -0.025537       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VN            | NT               | -45.73         | -0.024324       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VH            | NT               | -32.52         | -0.017298       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 19193   | 6RB#0        | VL            | NT               | -27.61         | -0.014461       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 19193   | 6RB#0        | VN            | NT               | -24.64         | -0.012905       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 19193   | 6RB#0        | VH            | NT               | -23.10         | -0.012099       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18607   | 6RB#0        | VL            | NT               | 16.43          | 0.008878        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18607   | 6RB#0        | VN            | NT               | -31.64         | -0.017096       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18607   | 6RB#0        | VH            | NT               | -19.34         | -0.010450       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VL            | NT               | 7.90           | 0.004202        | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VN            | NT               | -30.49         | -0.016218       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VH            | NT               | -25.91         | -0.013782       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 19193   | 6RB#0        | VL            | NT               | -10.97         | -0.005746       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 19193   | 6RB#0        | VN            | NT               | -31.03         | -0.016252       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 19193   | 6RB#0        | VH            | NT               | -28.29         | -0.014817       | ±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              | -21.03         | -0.011363       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | -20              | -42.63         | -0.023035       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | 0                | -13.44         | -0.007262       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | 10               | -35.64         | -0.019258       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18607   | 6RB#0        | NV            | 20               | -5.44          | -0.002939       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | -30              | -7.98          | -0.004245       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | -20              | -33.99         | -0.018080       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 0                | -5.24          | -0.002787       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 10               | -32.69         | -0.017388       | ±2.5        | PASS    |

|       |        |       |       |       |    |     |        |           |      |      |
|-------|--------|-------|-------|-------|----|-----|--------|-----------|------|------|
| Band2 | 1.4MHz | QPSK  | 18900 | 6RB#0 | NV | 20  | -53.50 | -0.028457 | ±2.5 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | -30 | -13.21 | -0.006919 | ±2.5 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | -20 | -41.47 | -0.021720 | ±2.5 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | 0   | -30.41 | -0.015927 | ±2.5 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | 10  | -48.81 | -0.025564 | ±2.5 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0 | NV | 20  | -9.06  | -0.004745 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | -30 | -8.19  | -0.004425 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | -20 | -32.31 | -0.017458 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | 0   | -6.37  | -0.003442 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | 10  | -35.77 | -0.019328 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | NV | 20  | -59.70 | -0.032258 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | -30 | -43.13 | -0.022941 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | -20 | -15.34 | -0.008160 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | 0   | -31.60 | -0.016809 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | 10  | 8.94   | 0.004755  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | NV | 20  | -22.73 | -0.012090 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | -30 | -43.74 | -0.022909 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | -20 | 13.10  | 0.006861  | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | 0   | -15.19 | -0.007956 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | 10  | -34.87 | -0.018263 | ±2.5 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | NV | 20  | -49.35 | -0.025847 | ±2.5 | PASS |