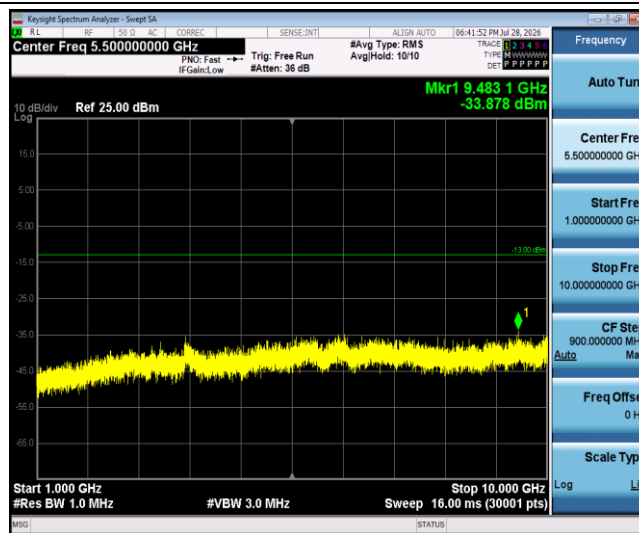
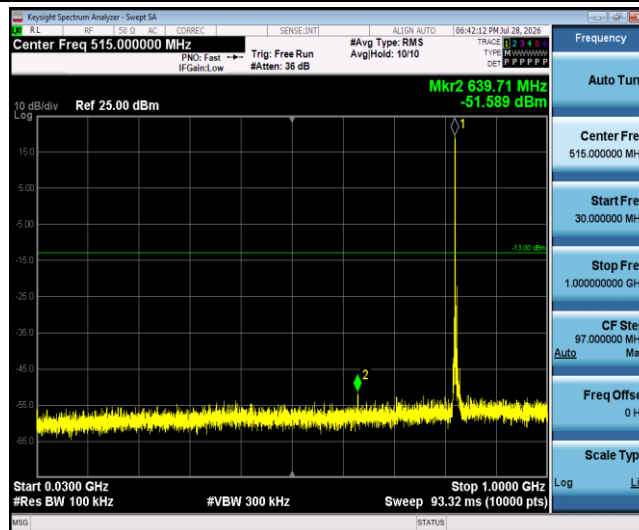
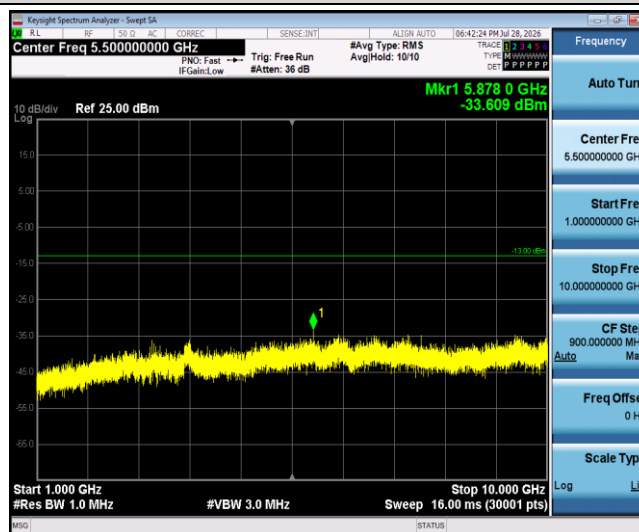




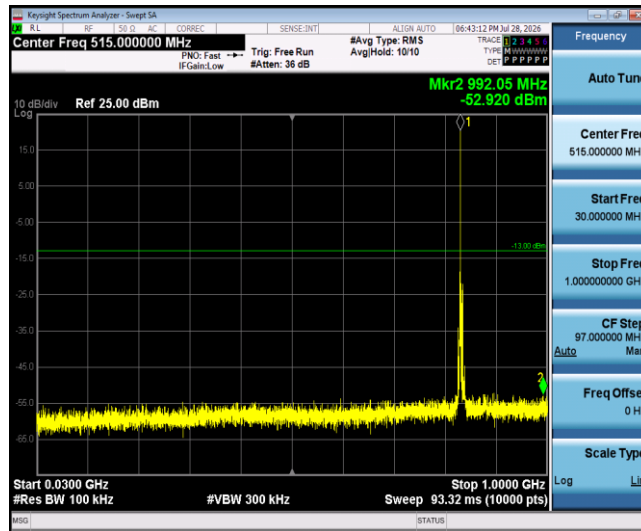
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



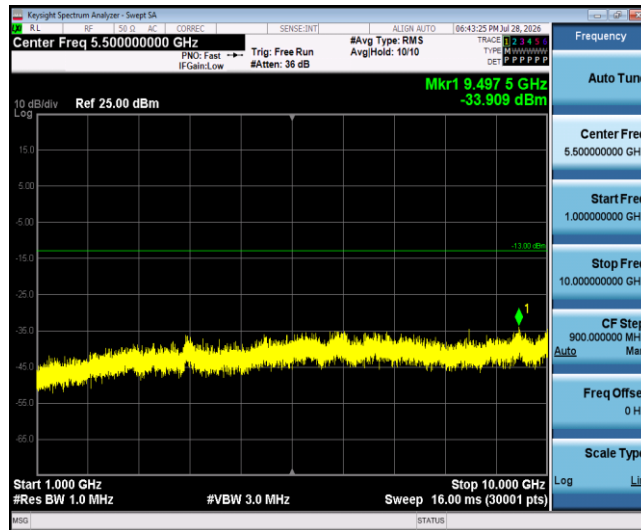
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



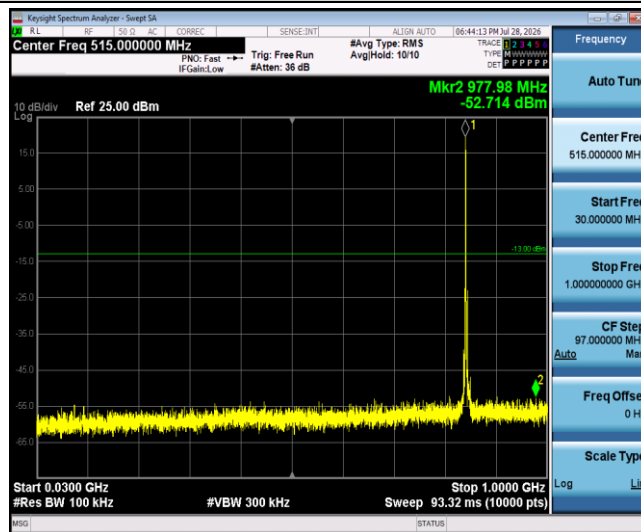
Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



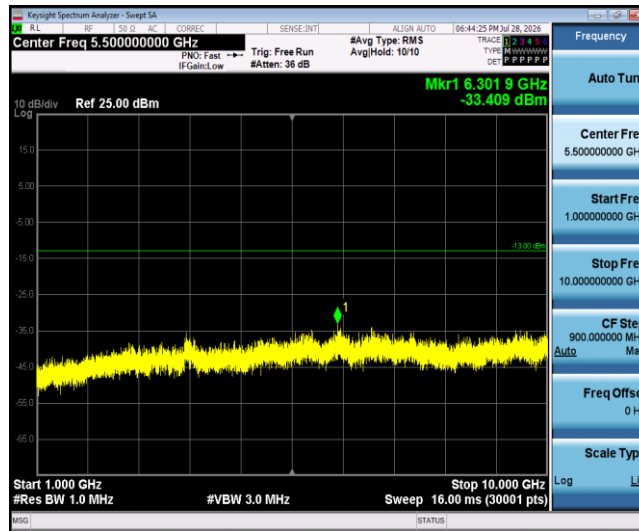
Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



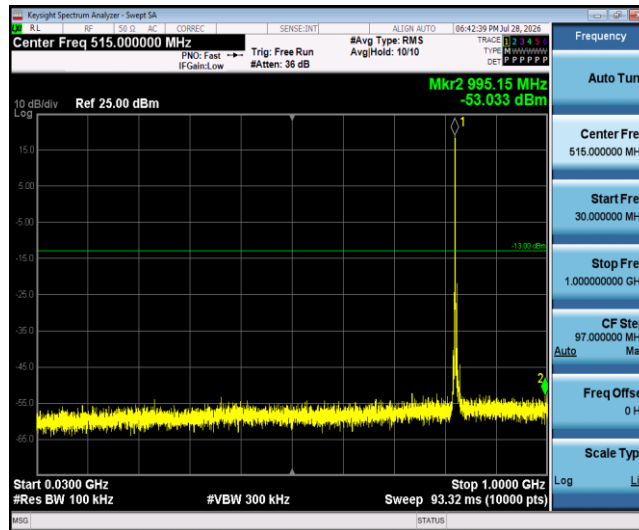
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



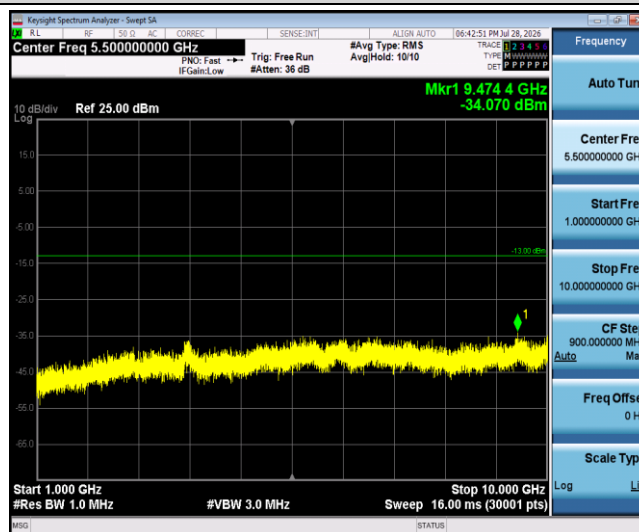
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



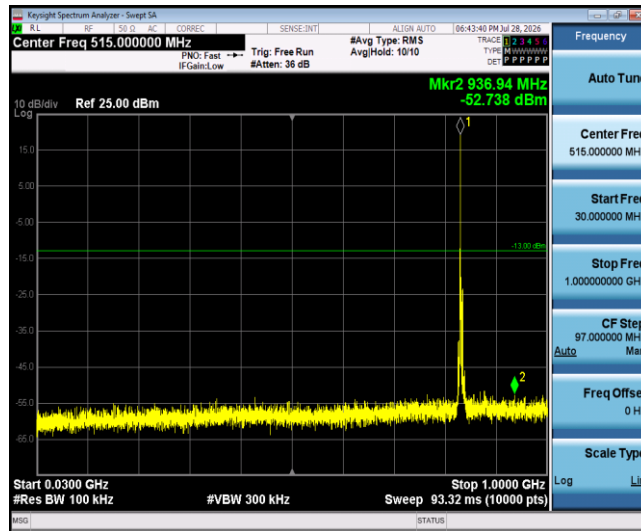
Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



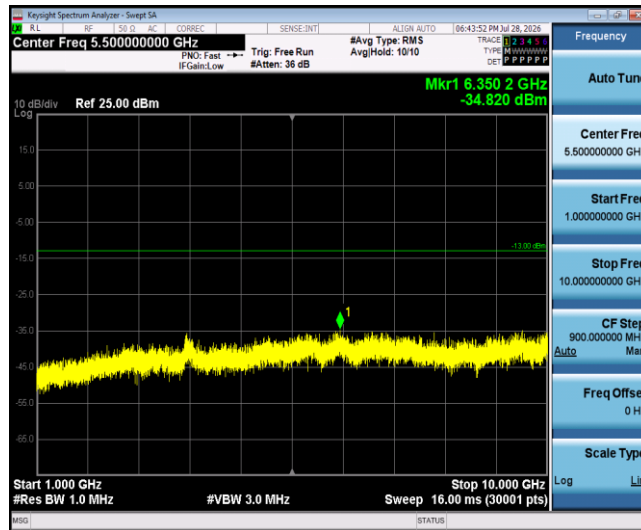
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



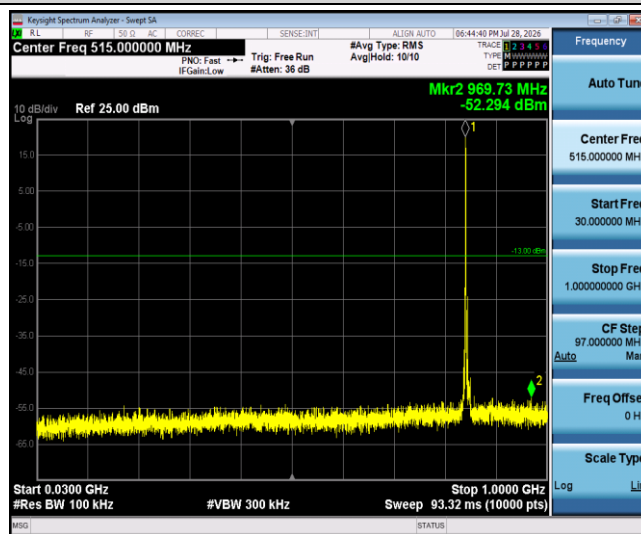
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



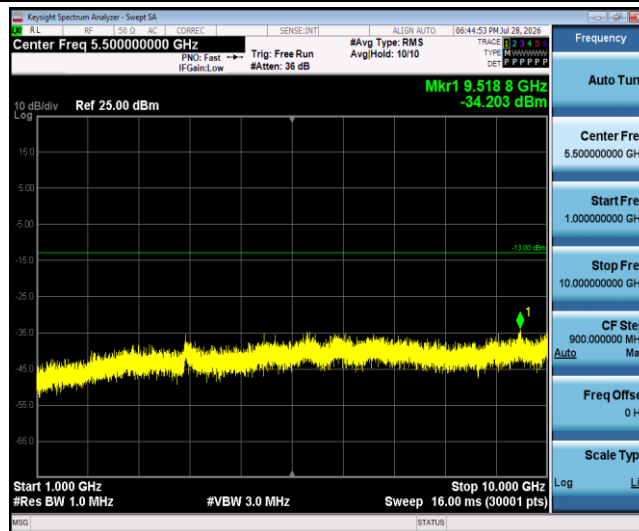
Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



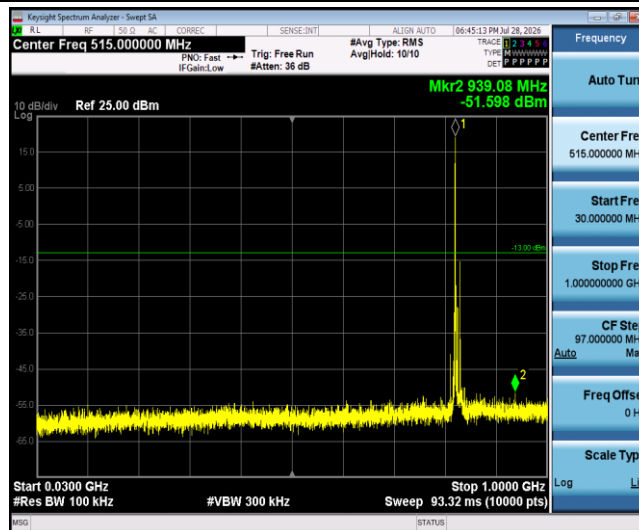
Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



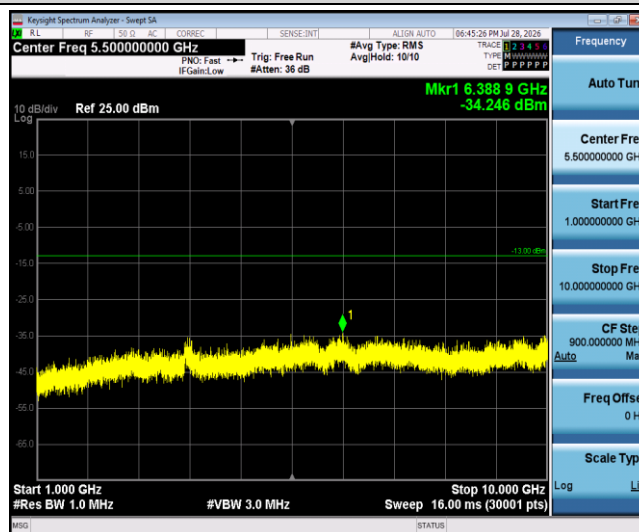
Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



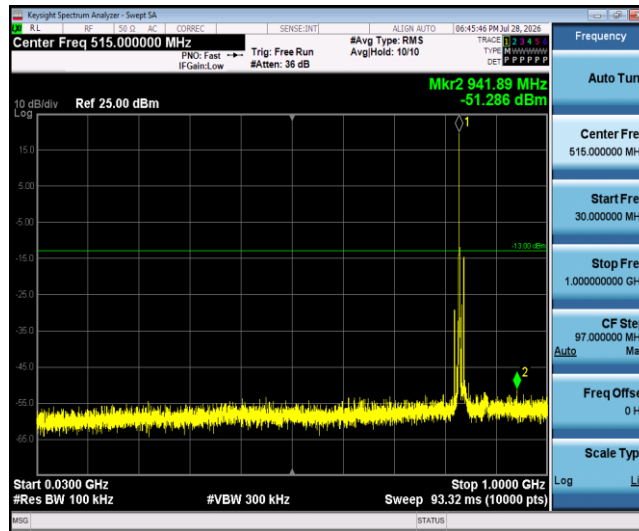
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



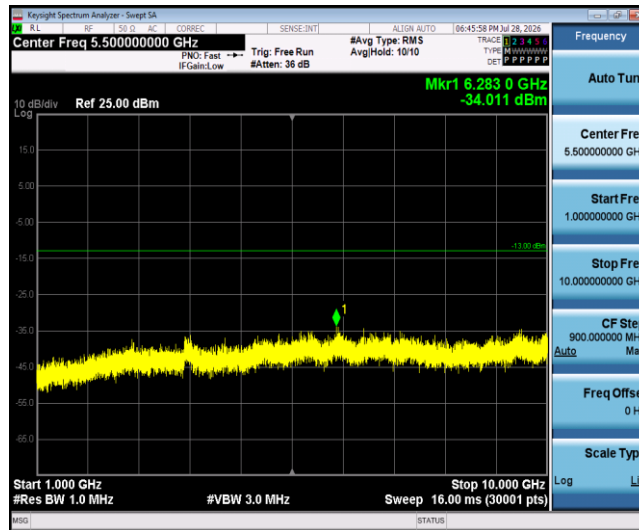
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



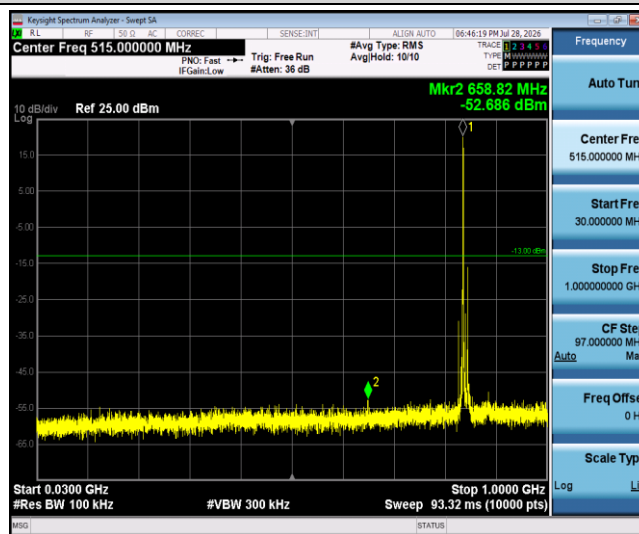
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



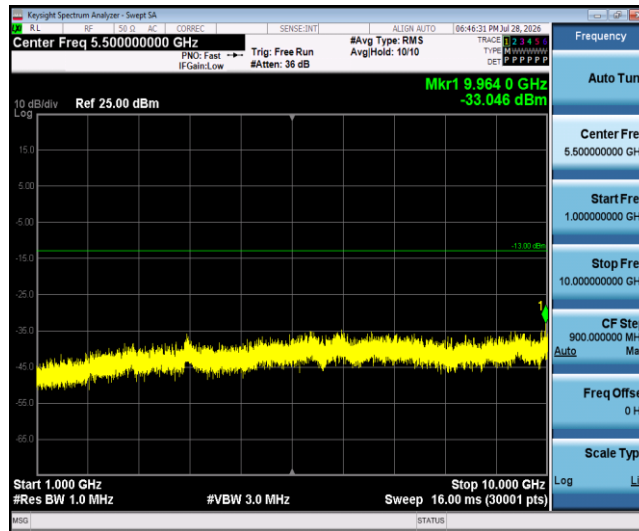
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz

## Appendix F: Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VL            | NT               | -4.62          | -0.005602       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VN            | NT               | -6.56          | -0.007954       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VH            | NT               | -2.79          | -0.003383       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VL            | NT               | -2.74          | -0.003276       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VN            | NT               | -5.21          | -0.006228       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VH            | NT               | -8.33          | -0.009958       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VL            | NT               | -3.37          | -0.003973       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VN            | NT               | -5.19          | -0.006118       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VH            | NT               | 3.38           | 0.003984        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VL            | NT               | 3.22           | 0.003904        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VN            | NT               | -3.40          | -0.004123       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VH            | NT               | -2.09          | -0.002534       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VL            | NT               | -5.06          | -0.006049       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VN            | NT               | -2.18          | -0.002606       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VH            | NT               | 5.07           | 0.006061        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VL            | NT               | 3.69           | 0.004350        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VN            | NT               | -3.71          | -0.004373       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VH            | NT               | 3.63           | 0.004279        | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | -30              | -2.39          | -0.002898       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | -20              | -6.18          | -0.007494       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 0                | -4.17          | -0.005056       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 10               | 3.38           | 0.004098        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 20               | -2.12          | -0.002571       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -30              | -4.37          | -0.005224       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -20              | 2.36           | 0.002821        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 0                | 3.57           | 0.004268        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 10               | -4.88          | -0.005834       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 20               | 2.56           | 0.003060        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | -30              | -3.55          | -0.004185       | ±2.5        | PASS    |

|       |        |       |       |       |    |     |       |           |      |      |
|-------|--------|-------|-------|-------|----|-----|-------|-----------|------|------|
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | -20 | -2.43 | -0.002865 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 0   | -2.62 | -0.003089 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 10  | 3.37  | 0.003973  | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 20  | -4.14 | -0.004880 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -30 | 3.32  | 0.004026  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -20 | -3.40 | -0.004123 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 0   | 4.65  | 0.005638  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 10  | 3.24  | 0.003929  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 20  | -2.45 | -0.002971 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -30 | 2.59  | 0.003096  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -20 | 3.65  | 0.004363  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 0   | 5.76  | 0.006886  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 10  | 4.37  | 0.005224  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 20  | 2.78  | 0.003323  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | -30 | -2.09 | -0.002464 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | -20 | -3.97 | -0.004680 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 0   | -2.32 | -0.002735 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 10  | 5.74  | 0.006766  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 20  | 4.01  | 0.004727  | ±2.5 | PASS |