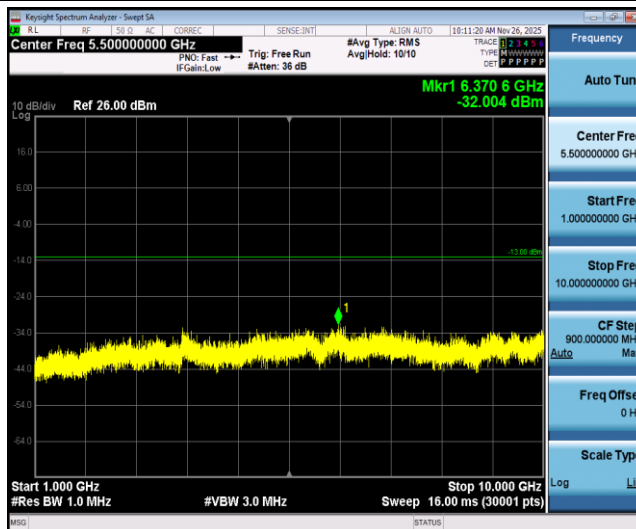
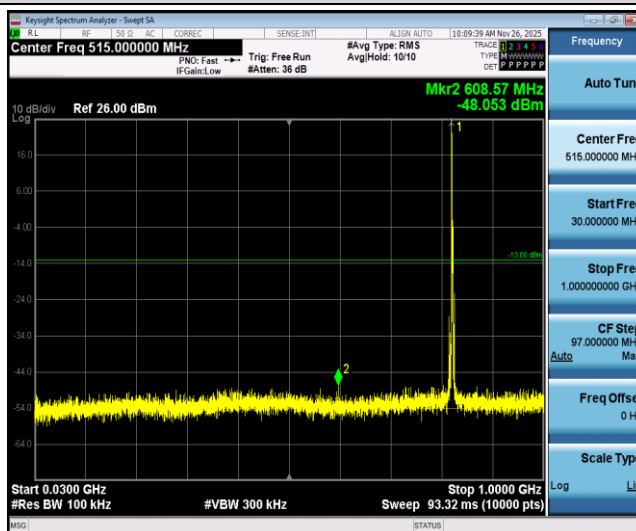
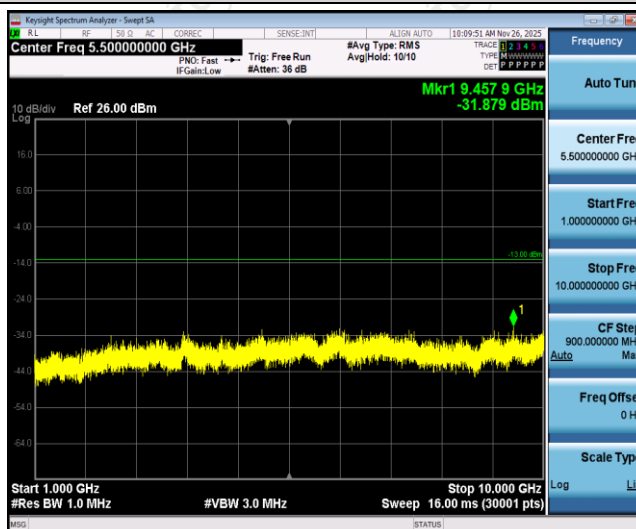




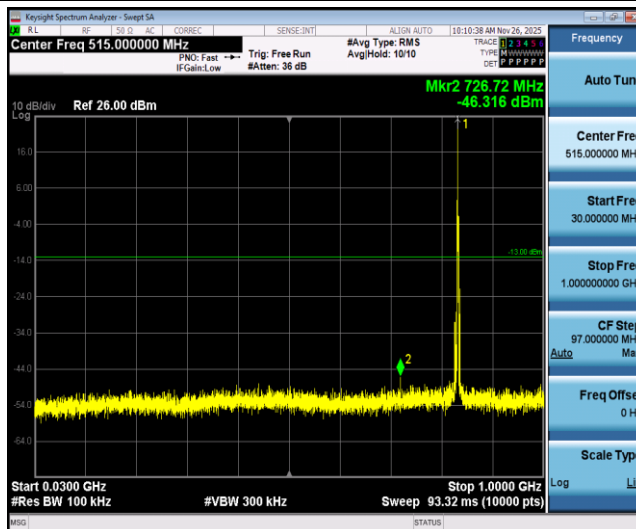
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



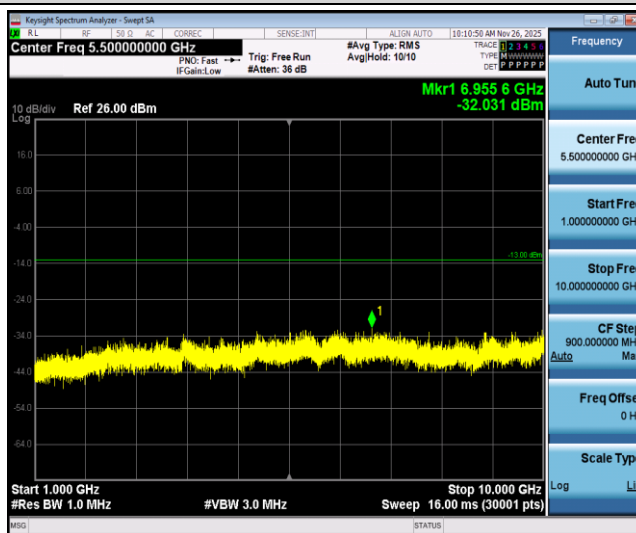
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



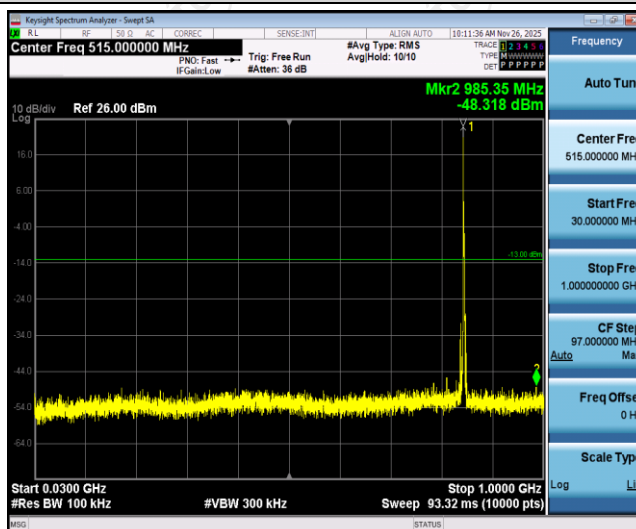
Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



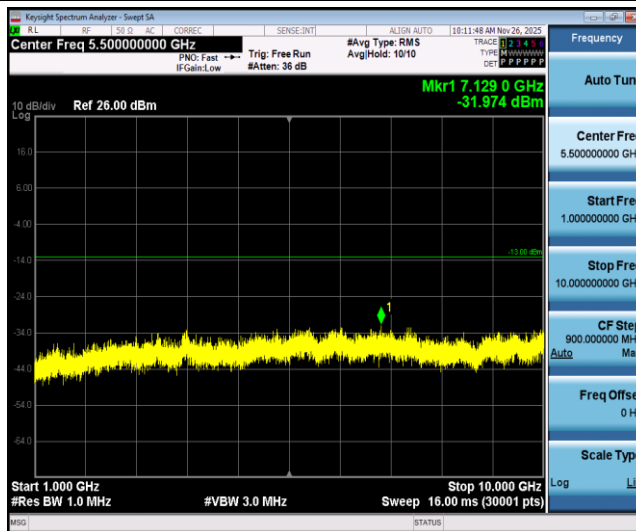
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



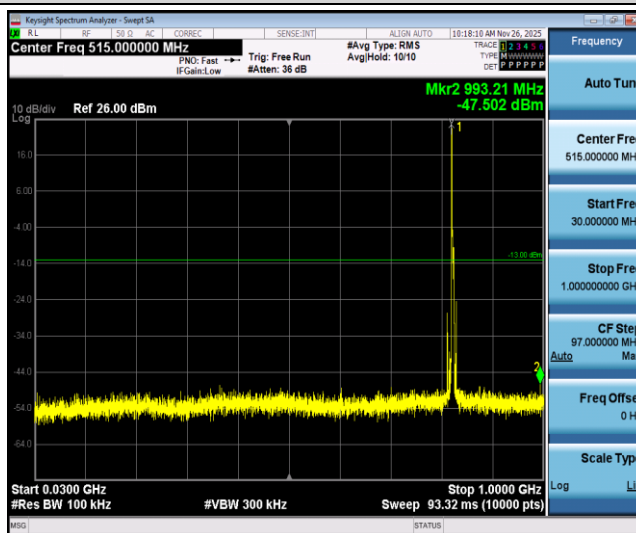
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Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



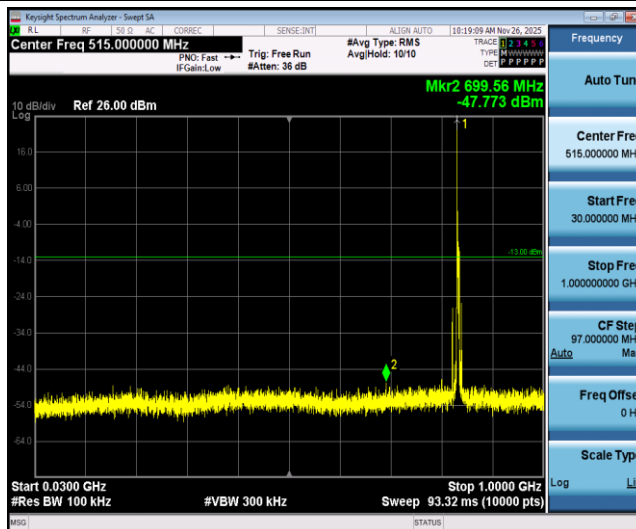
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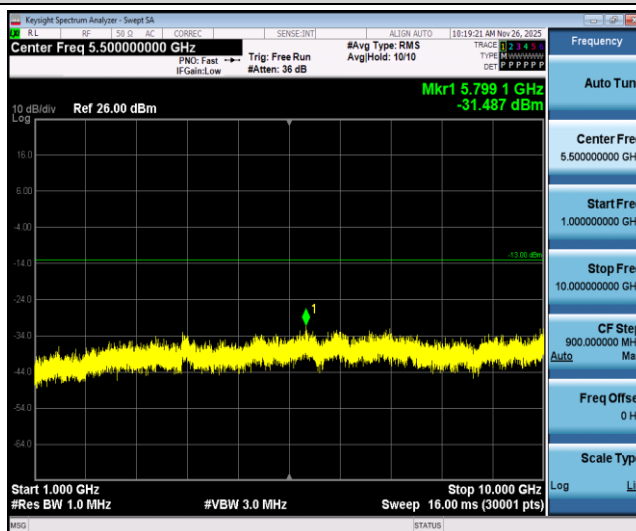
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



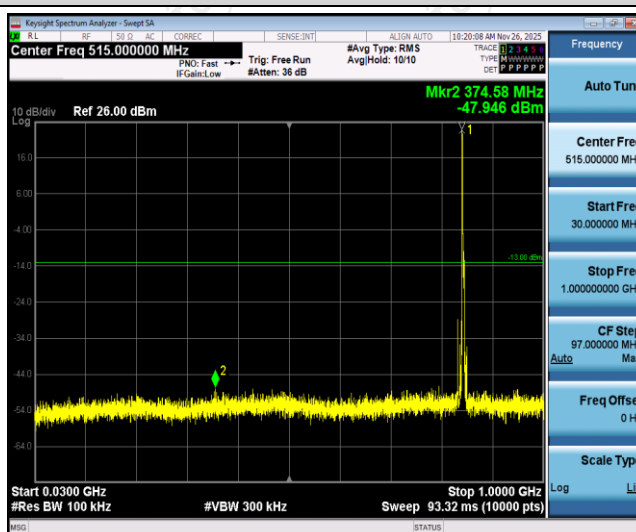
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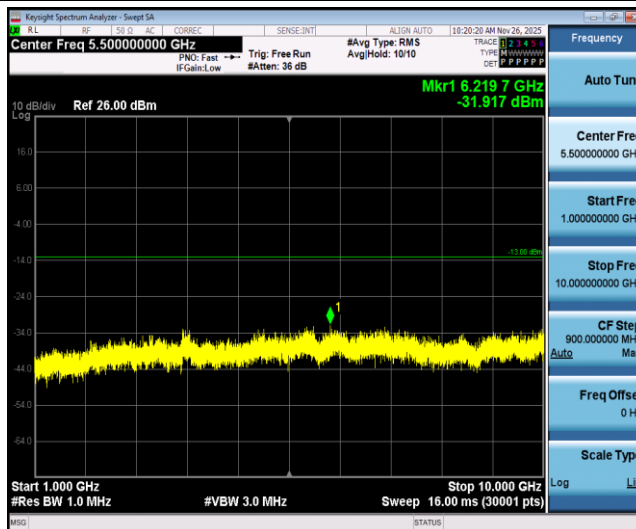
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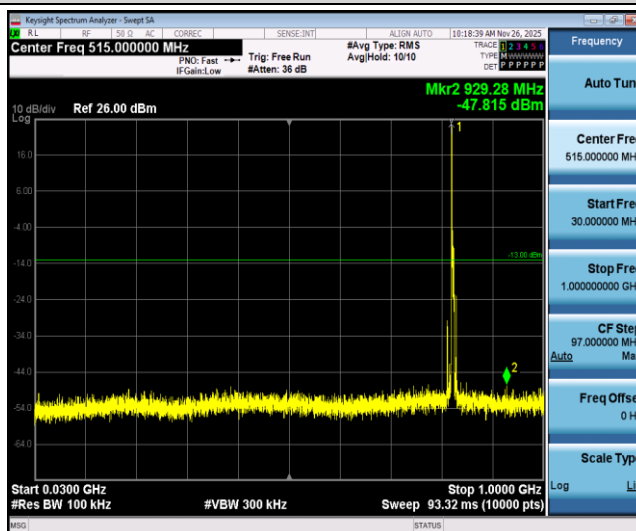
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



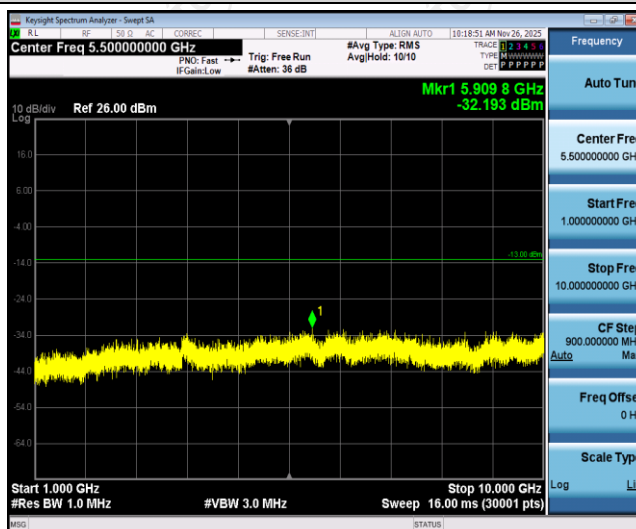
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



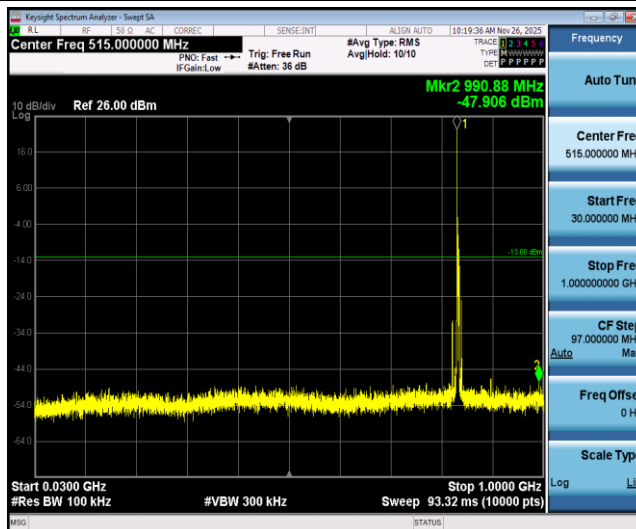
Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



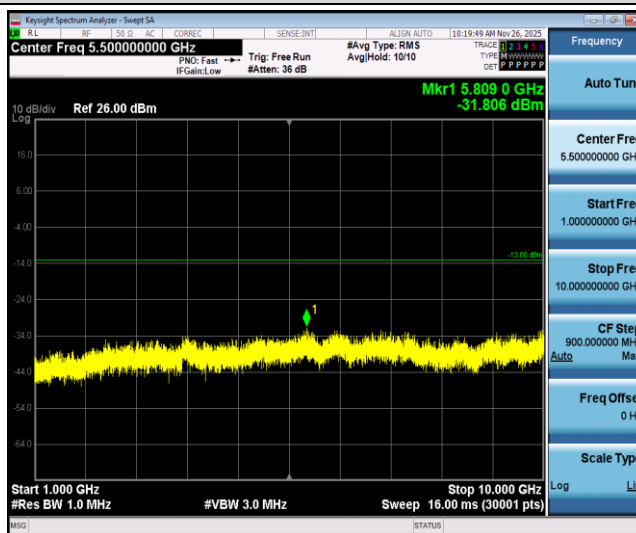
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



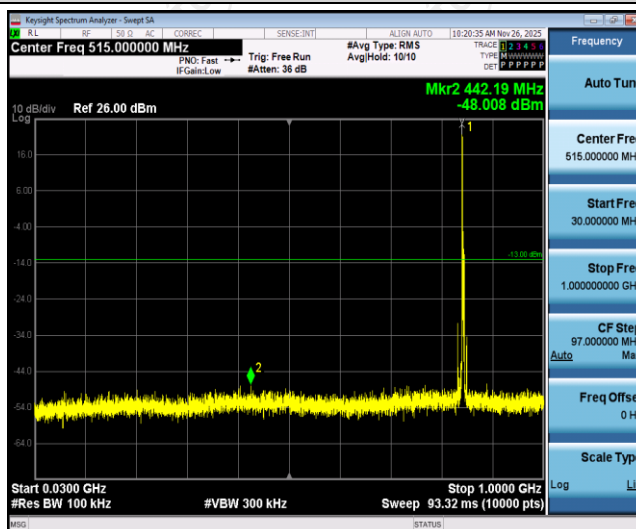
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



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



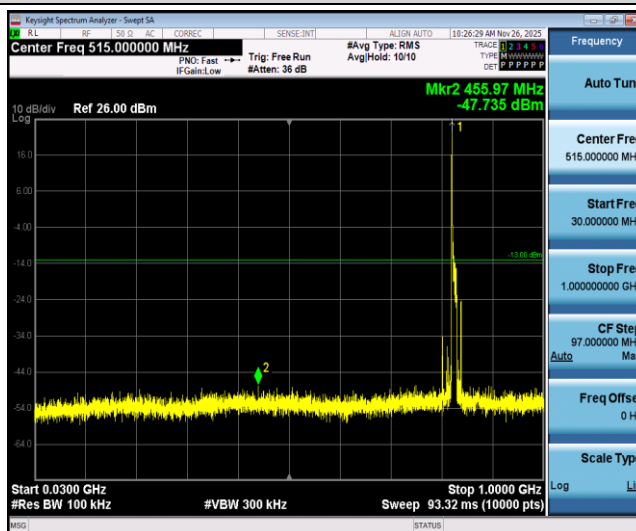
Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



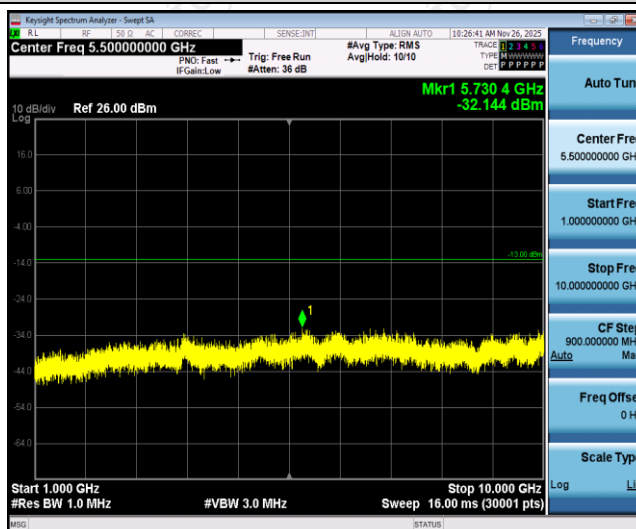
Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



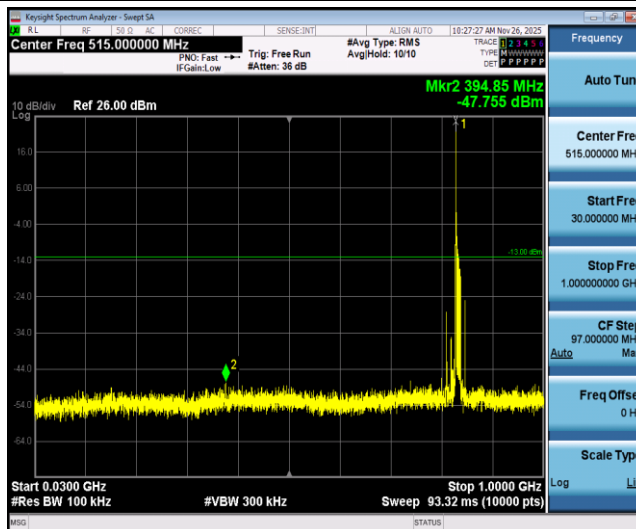
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



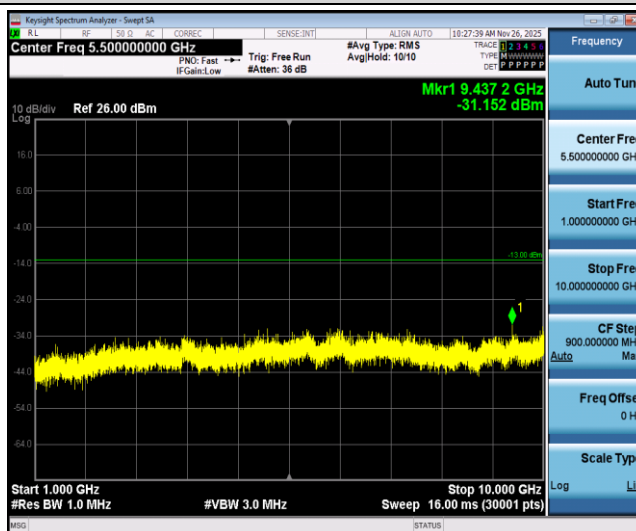
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



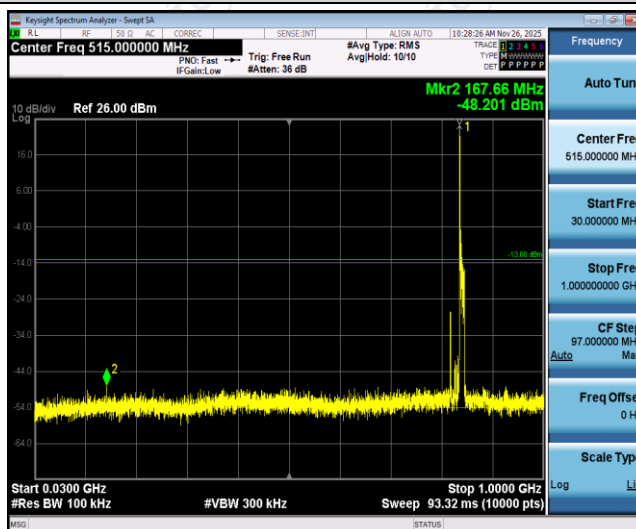
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



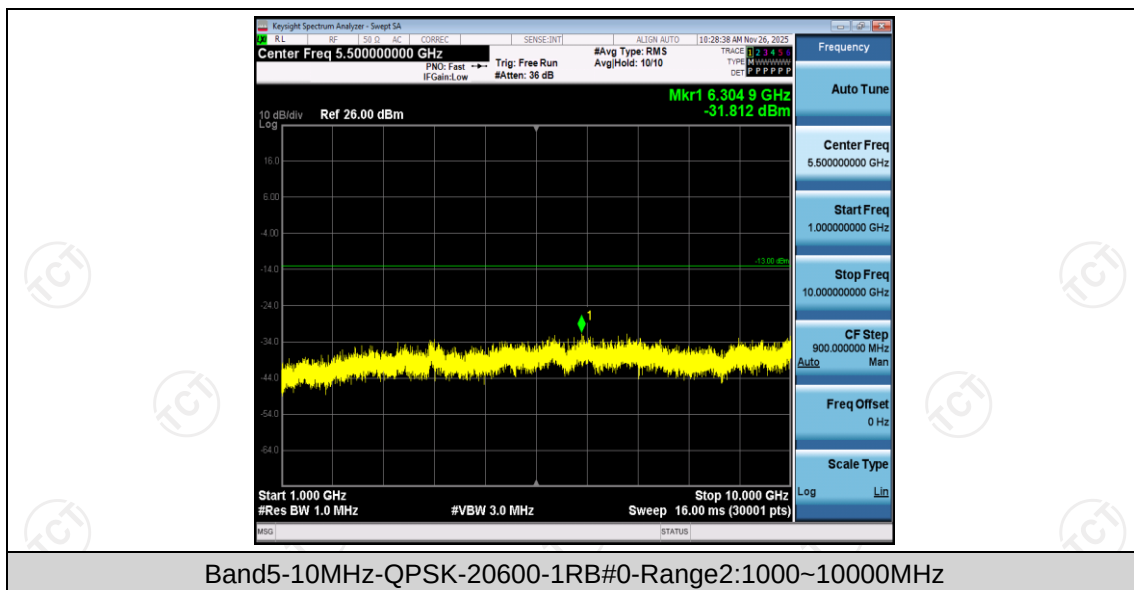
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



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



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



## 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               | -52.28         | -0.063393       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VN            | NT               | -12.10         | -0.014672       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VH            | NT               | -14.34         | -0.017388       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VL            | NT               | -35.42         | -0.042343       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VN            | NT               | -22.50         | -0.026898       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VH            | NT               | -28.79         | -0.034417       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VL            | NT               | 13.58          | 0.016008        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VN            | NT               | -10.00         | -0.011788       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VH            | NT               | 30.21          | 0.035612        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VL            | NT               | -16.43         | -0.019922       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VN            | NT               | -10.69         | -0.012962       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VH            | NT               | 57.01          | 0.069128        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VL            | NT               | -11.59         | -0.013855       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VN            | NT               | -30.88         | -0.036916       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VH            | NT               | -12.00         | -0.014345       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VL            | NT               | 32.08          | 0.037817        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VN            | NT               | 13.77          | 0.016232        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VH            | NT               | 31.59          | 0.037239        | ±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              | -15.21         | -0.018443       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | -20              | -5.86          | -0.007106       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 0                | -50.47         | -0.061198       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 10               | -31.54         | -0.038244       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 20               | -19.81         | -0.024021       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -30              | 44.99          | 0.053784        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -20              | 9.79           | 0.011704        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 0                | -27.59         | -0.032983       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 10               | -21.37         | -0.025547       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 20               | -47.34         | -0.056593       | ±2.5        | PASS    |

|       |        |       |       |       |    |     |        |           |      |      |
|-------|--------|-------|-------|-------|----|-----|--------|-----------|------|------|
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | -30 | 28.52  | 0.033620  | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | -20 | 29.57  | 0.034858  | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 0   | 29.98  | 0.035341  | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 10  | 12.00  | 0.014146  | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 20  | 28.61  | 0.033726  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -30 | 42.77  | 0.051861  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -20 | -54.60 | -0.066206 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 0   | -31.70 | -0.038438 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 10  | -29.77 | -0.036098 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 20  | -11.51 | -0.013957 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -30 | 43.61  | 0.052134  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -20 | -25.80 | -0.030843 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 0   | -37.41 | -0.044722 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 10  | -37.90 | -0.045308 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 20  | -31.99 | -0.038243 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | -30 | 23.47  | 0.027667  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | -20 | -32.20 | -0.037958 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 0   | -44.36 | -0.052293 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 10  | -45.50 | -0.053637 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 20  | -36.79 | -0.043369 | ±2.5 | PASS |