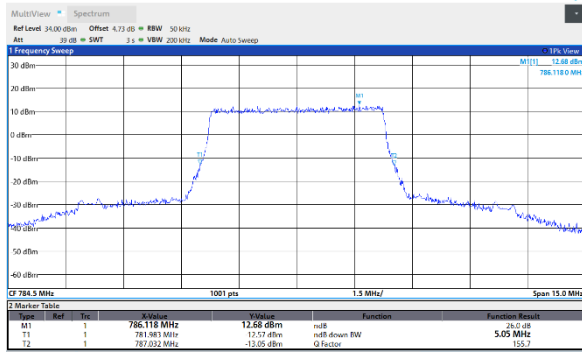
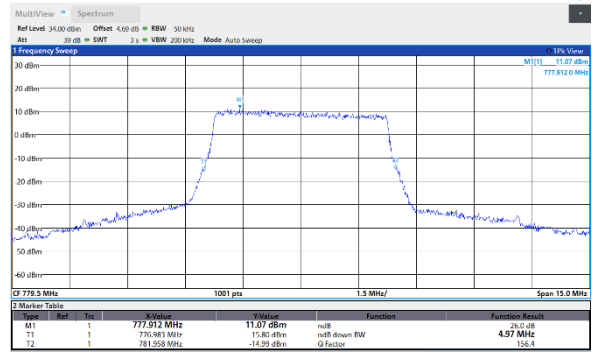
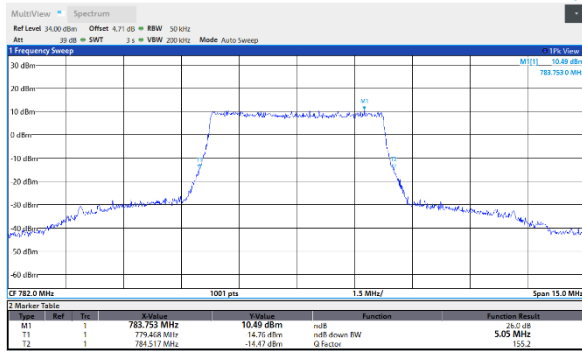




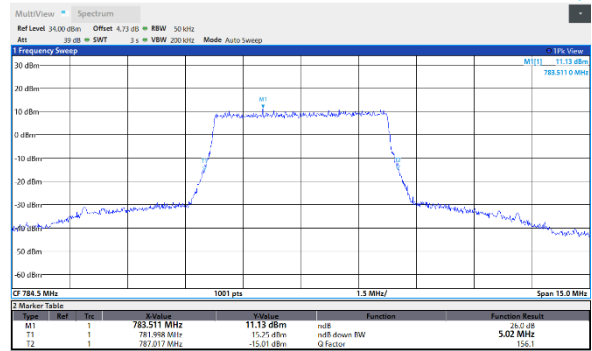
Band13-5MHz-256QAM-23230-25RB#0



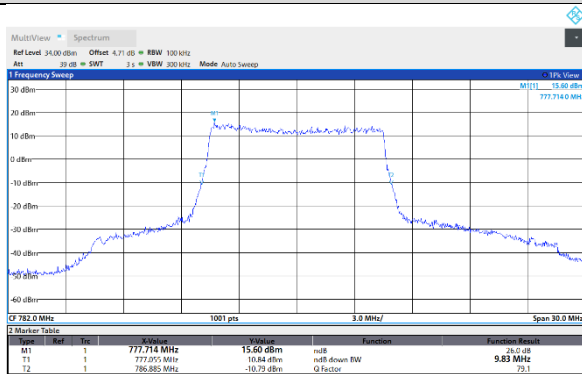
Band13-5MHz-256QAM-23255-25RB#0



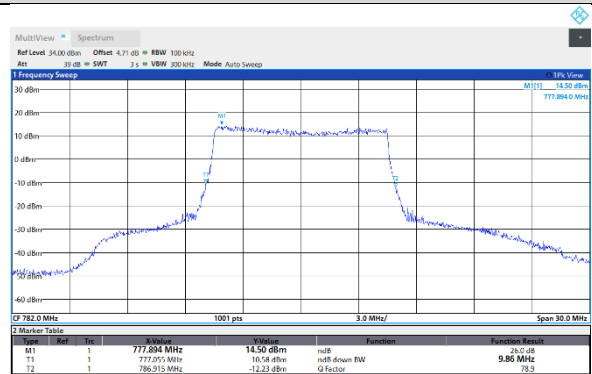
Band13-10MHz-QPSK-23230-50RB#0



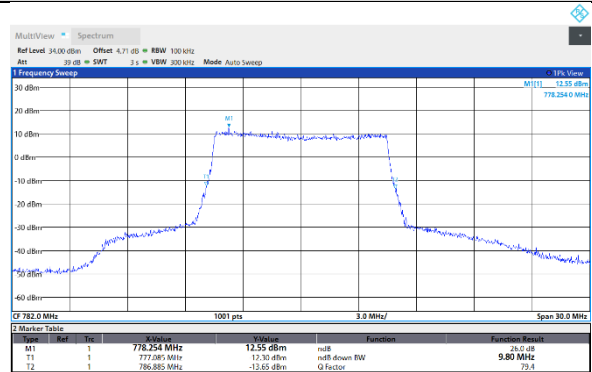
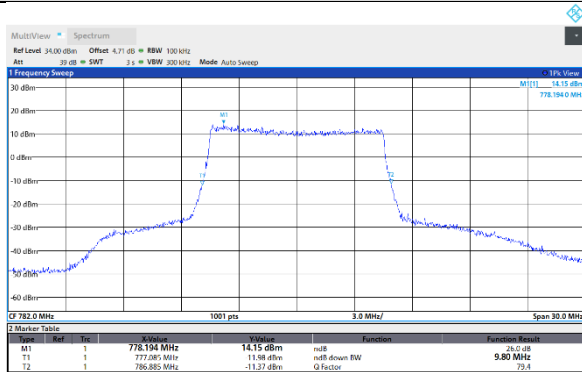
Band13-10MHz-16QAM-23230-50RB#0



Band13-10MHz-16QAM-23230-50RB#0



Band13-10MHz-256QAM-23230-50RB#0





## BAND EDGE

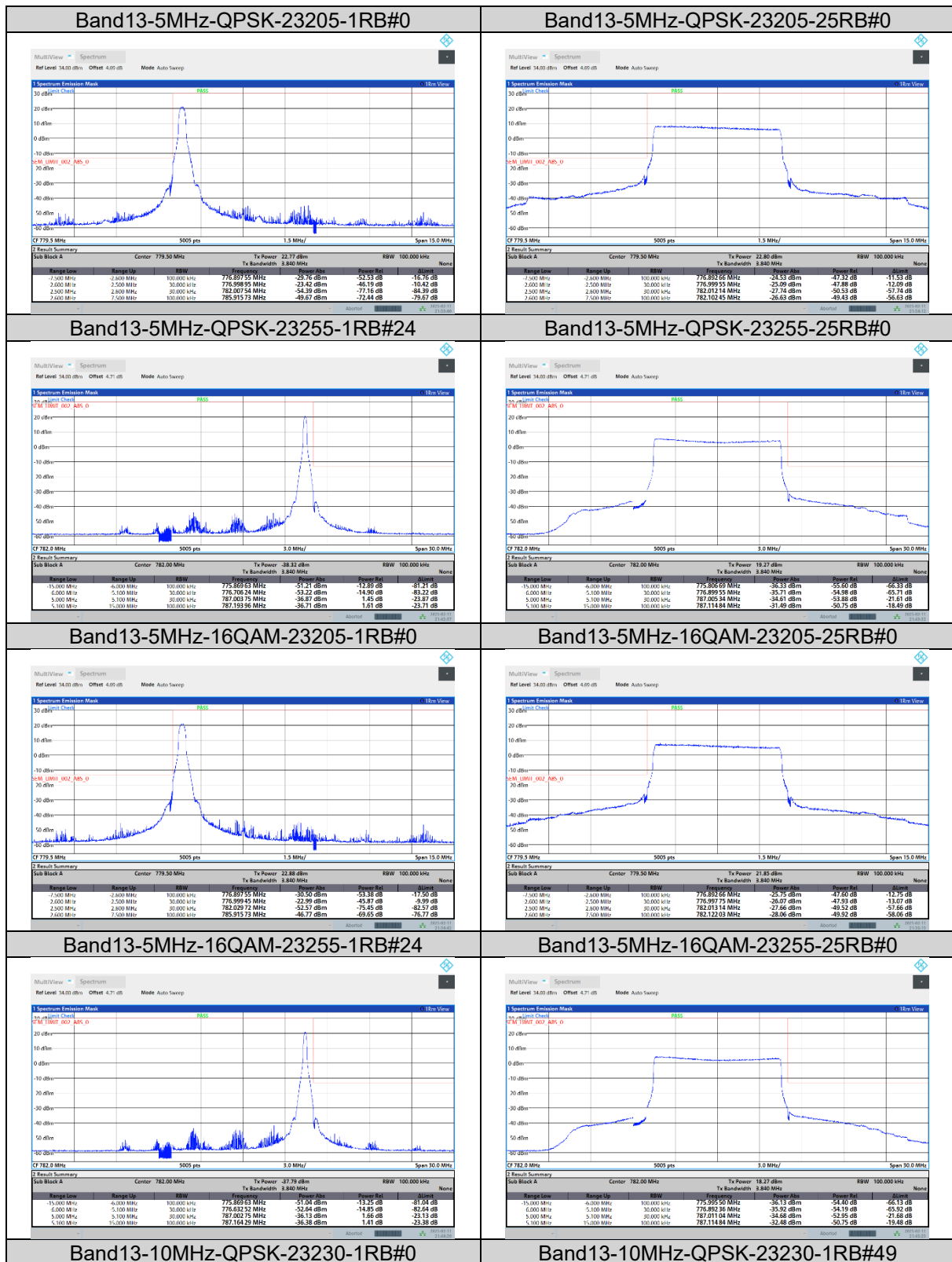
### Test Result

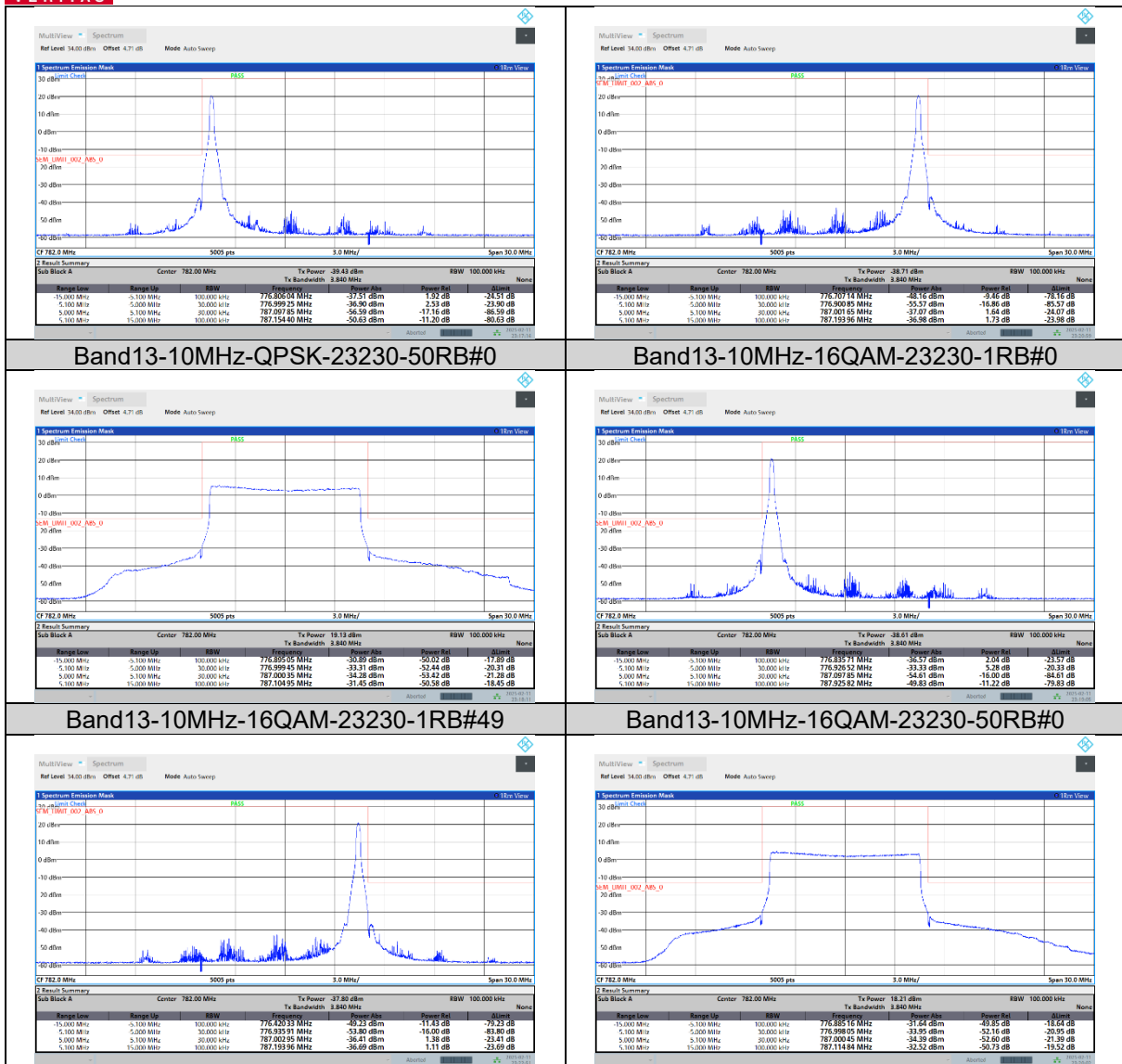
NOTE: Pre-scan QPSK, 16QAM, 64QAM, 256QAM four modulations modes, only the worst mode and data reflected in the report.

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | See Graph   | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | See Graph   | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#24           | See Graph   | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | See Graph   | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | See Graph   | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | See Graph   | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#24           | See Graph   | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | See Graph   | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | See Graph   | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#49           | See Graph   | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | See Graph   | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#0            | See Graph   | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#49           | See Graph   | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 50RB#0           | See Graph   | PASS    |



## Test Graphs







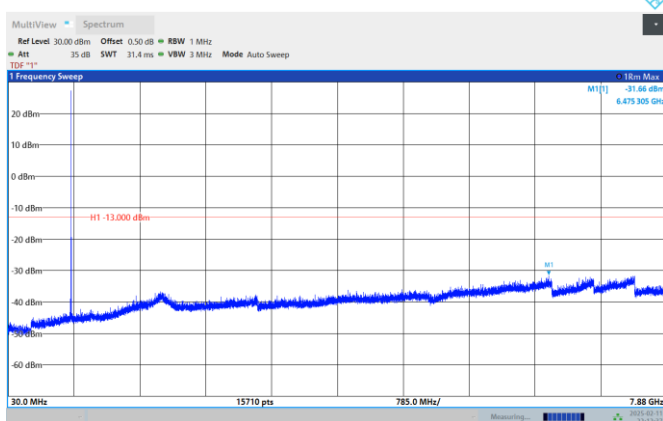
**BUREAU VERITAS** Test Report No.: PSU-NQN2412090210RF08  
**CONDUCTED SPURIOUS EMISSION**

**Test Result**

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range  | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|------------------|--------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | Range:30~7880MHz | See Graph    | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | Range:763~775MHz | See Graph    | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | Range:793~805MHz | See Graph    | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | Range:30~7880MHz | See Graph    | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | Range:763~775MHz | See Graph    | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | Range:793~805MHz | See Graph    | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | Range:30~7880MHz | See Graph    | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | Range:763~775MHz | See Graph    | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | Range:793~805MHz | See Graph    | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | Range:30~7880MHz | See Graph    | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | Range:763~775MHz | See Graph    | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | Range:793~805MHz | See Graph    | PASS    |

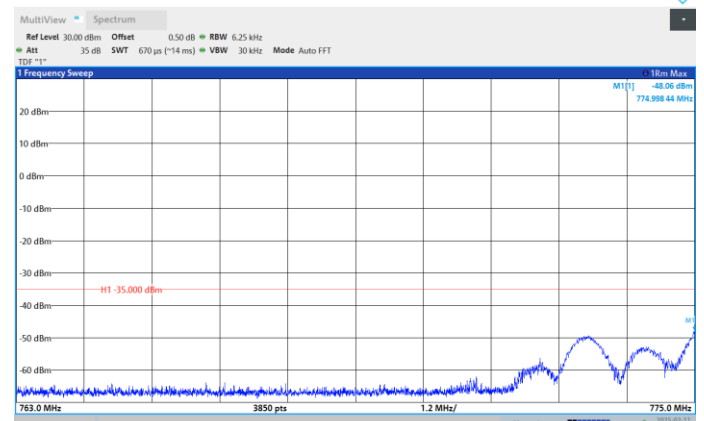
**Test Graphs**

Band13-5MHz-QPSK-23205-1RB#0-Range:30~7880MHz

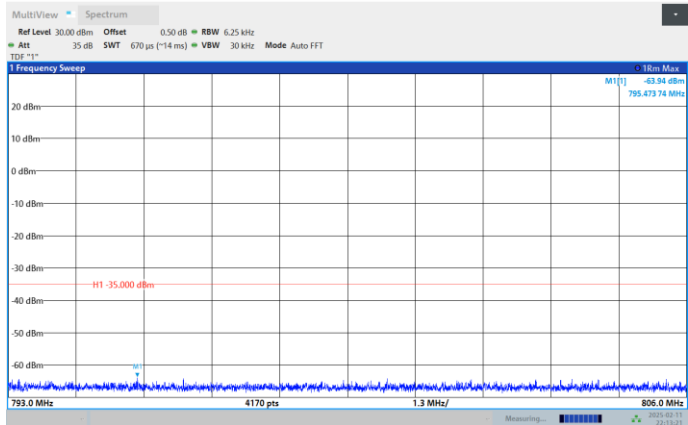


Band13-5MHz-QPSK-23205-1RB#0-Range:793~805MHz

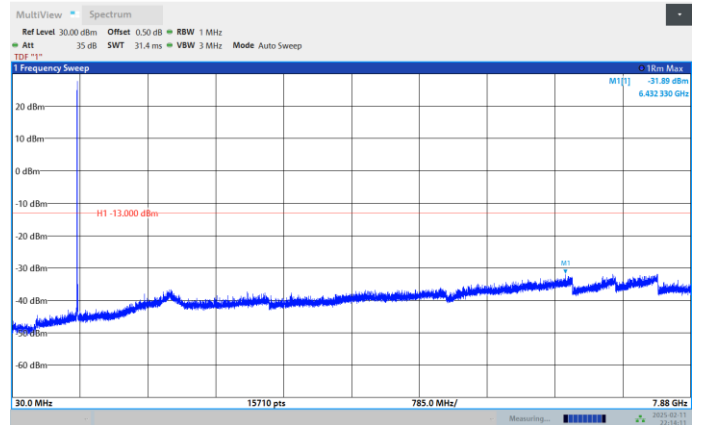
Band13-5MHz-QPSK-23205-1RB#0-Range:763~775MHz



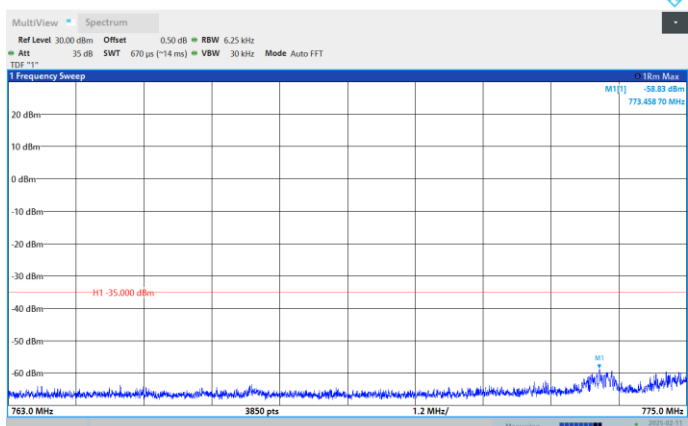
Band13-5MHz-QPSK-23230-1RB#0-Range:30~7870MHz



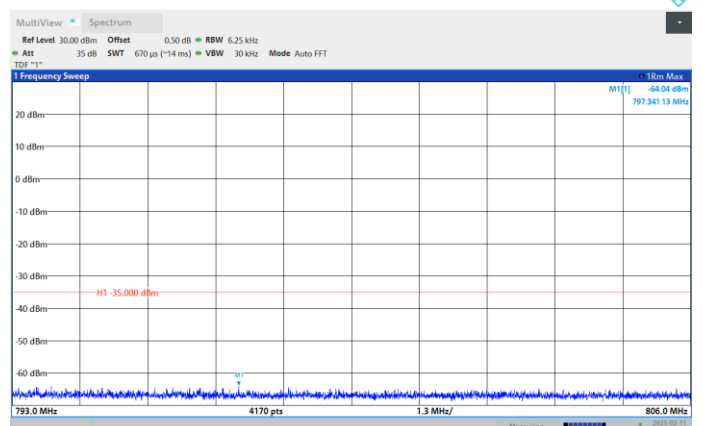
Band13-5MHz-QPSK-23230-1RB#0-Range:763~775MHz



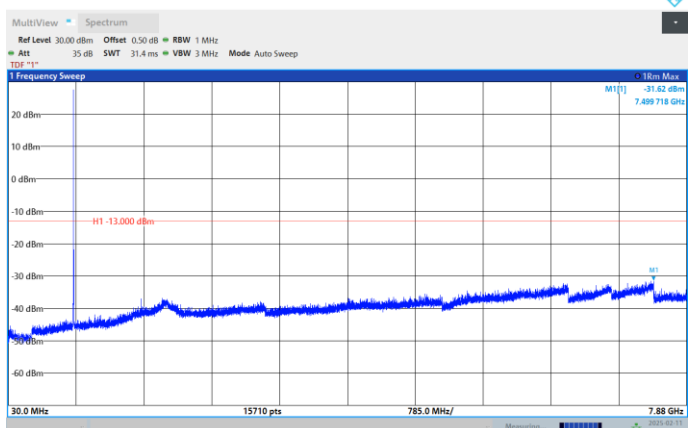
Band13-5MHz-QPSK-23230-1RB#0-Range:793~805MHz



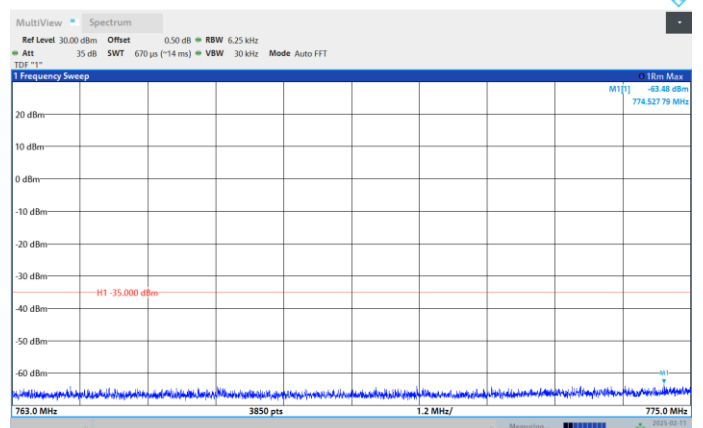
Band13-5MHz-QPSK-23255-1RB#0-Range:30~7870MHz



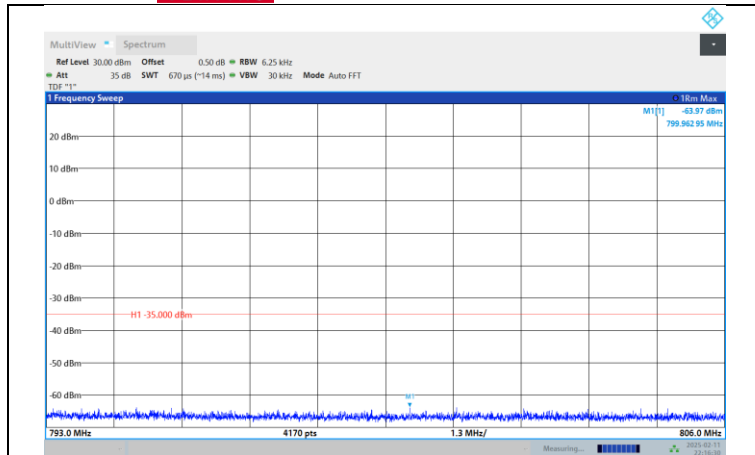
Band13-5MHz-QPSK-23255-1RB#0-Range:763~775MHz



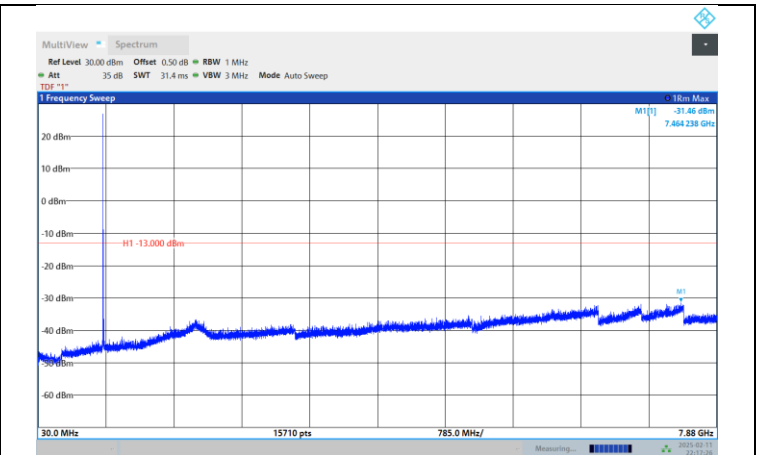
Band13-5MHz-QPSK-23255-1RB#0-Range:793~805MHz



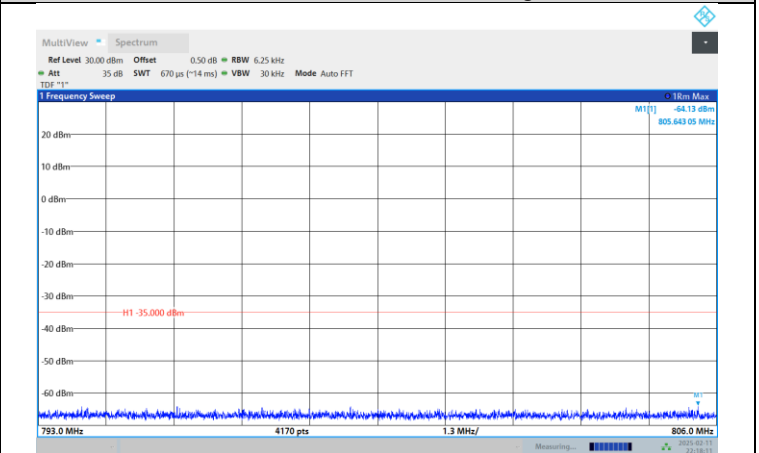
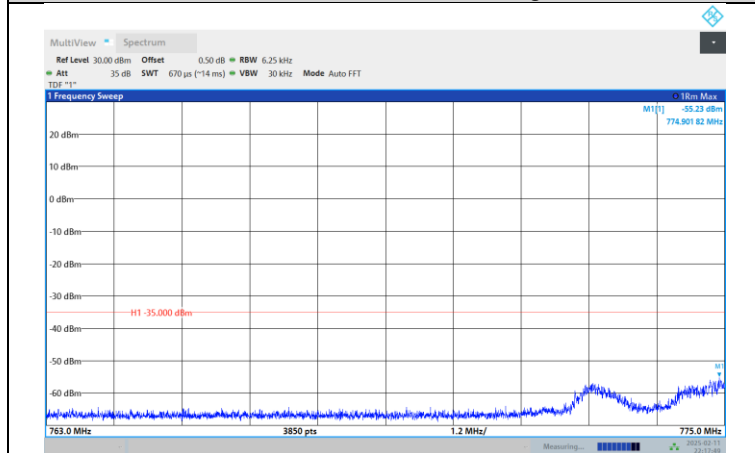
Band13-10MHz-QPSK-23230-1RB#0-Range:30~7870MHz



Band13-5MHz-QPSK-23230-1RB#0-Range:763~775MHz



Band13-5MHz-QPSK-23230-1RB#0-Range:793~805MHz





## FREQUENCY STABILITY

### Test Result

| Voltage |           |            |         |                  |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band13  | 10MHz     | QPSK       | 23230   | 50RB#0           | LV            | NT               | 15.19          | 0.0194          | ±2.5        | PASS    |
| Band13  | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | NT               | -17.12         | -0.0219         | ±2.5        | PASS    |
| Band13  | 10MHz     | QPSK       | 23230   | 50RB#0           | HV            | NT               | 18.24          | 0.0233          | ±2.5        | PASS    |

| Temperature |           |            |         |                  |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | -30              | -16.77         | -0.0214         | ±2.5        | PASS    |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | -20              | -12.66         | -0.0162         | ±2.5        | PASS    |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | -10              | -24.08         | -0.0308         | ±2.5        | PASS    |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | 0                | 17.12          | 0.0219          | ±2.5        | PASS    |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | 10               | 0.43           | 0.0005          | ±2.5        | PASS    |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | 20               | 23.35          | 0.0299          | ±2.5        | PASS    |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | 30               | 22.03          | 0.0282          | ±2.5        | PASS    |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | 40               | -4.28          | -0.0055         | ±2.5        | PASS    |
| Band13      | 10MHz     | QPSK       | 23230   | 50RB#0           | NV            | 50               | -19.21         | -0.0246         | ±2.5        | PASS    |

--END--