

## APPENDIX E: TEST RESULTS FOR E-UTRA OPERATING BAND 13

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## APPENDIX E.1: EFFECTIVE (ISOTROPIC) RADIATED POWER

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | ERP(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|----------|------------|---------|
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | 21.26       | 23.71    | 34.7       | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#0            | 20.31       | 22.76    | 34.7       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#24           | 22.20       | 24.65    | 34.7       | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#24           | 21.34       | 23.79    | 34.7       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#49           | 21.98       | 24.43    | 34.7       | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#49           | 21.02       | 23.47    | 34.7       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 25RB#0           | 21.22       | 23.67    | 34.7       | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 25RB#0           | 19.90       | 22.35    | 34.7       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 25RB#12          | 21.11       | 23.56    | 34.7       | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 25RB#12          | 19.97       | 22.42    | 34.7       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 25RB#25          | 21.00       | 23.45    | 34.7       | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 25RB#25          | 20.00       | 22.45    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 21.70       | 24.15    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 20.65       | 23.1     | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#12           | 22.22       | 24.67    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#12           | 21.00       | 23.45    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | 22.19       | 24.64    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24           | 21.04       | 23.49    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#0           | 21.07       | 23.52    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 12RB#0           | 20.09       | 22.54    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#6           | 21.16       | 23.61    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 12RB#6           | 20.09       | 22.54    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#13          | 21.21       | 23.66    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 12RB#13          | 20.04       | 22.49    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 21.05       | 23.5     | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 20.17       | 22.62    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 22.13       | 24.58    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 21.00       | 23.45    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#12           | 22.39       | 24.84    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#12           | 21.07       | 23.52    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#24           | 22.10       | 24.55    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#24           | 21.27       | 23.72    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#0           | 21.17       | 23.62    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 12RB#0           | 20.16       | 22.61    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#6           | 21.18       | 23.63    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 12RB#6           | 20.16       | 22.61    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#13          | 21.13       | 23.58    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 12RB#13          | 20.14       | 22.59    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 20.99       | 23.44    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 25RB#0           | 20.08       | 22.53    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | 22.09       | 24.54    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#0            | 21.07       | 23.52    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#12           | 22.20       | 24.65    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#12           | 21.02       | 23.47    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#24           | 21.96       | 24.41    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#24           | 20.98       | 23.43    | 34.7       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 12RB#0           | 21.22       | 23.67    | 34.7       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 12RB#0           | 19.90       | 22.35    | 34.7       | PASS    |

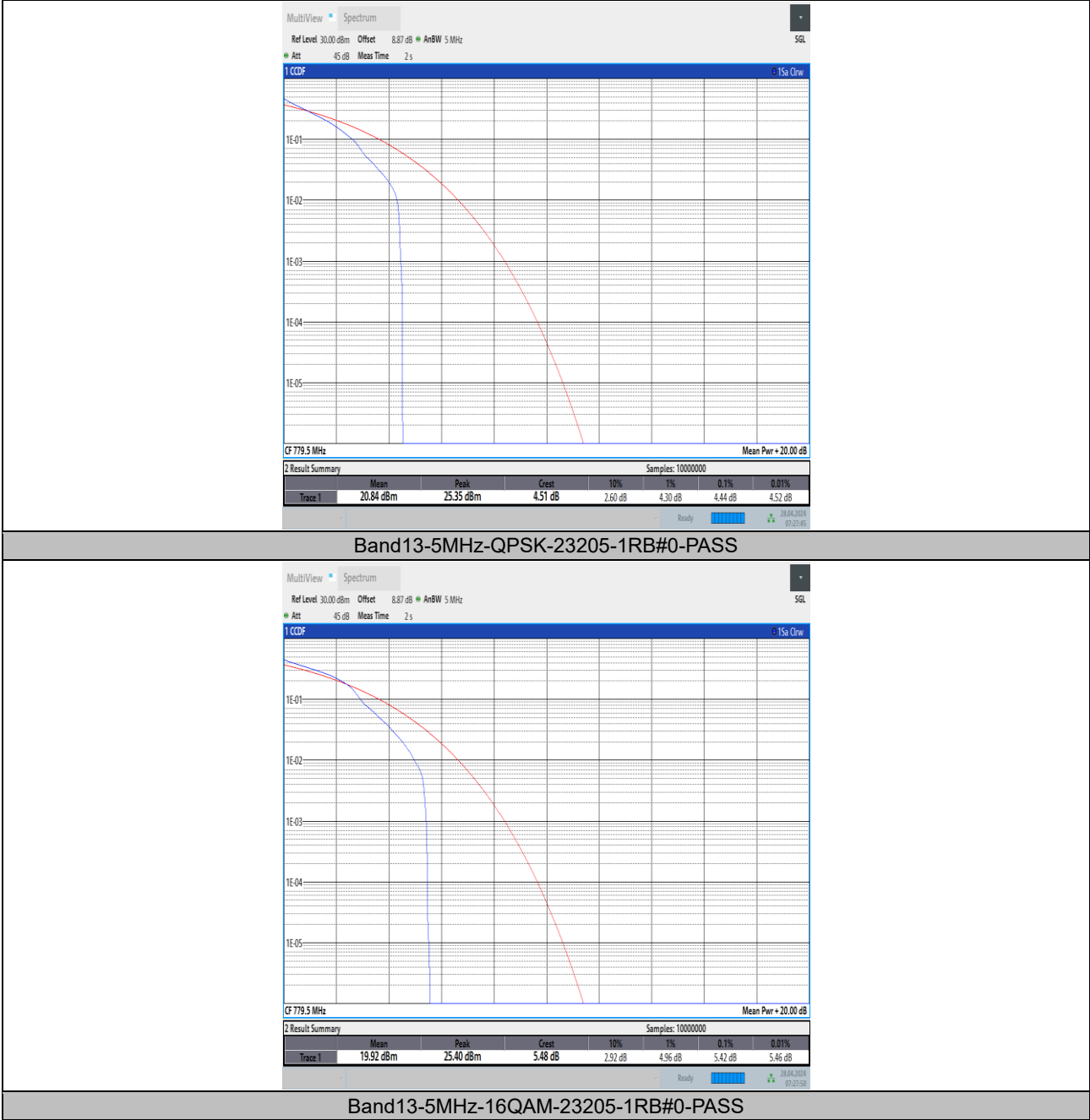
|        |       |       |       |         |       |       |      |      |
|--------|-------|-------|-------|---------|-------|-------|------|------|
| Band13 | 5MHz  | QPSK  | 23255 | 12RB#6  | 21.15 | 23.6  | 34.7 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#6  | 19.91 | 22.36 | 34.7 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 12RB#13 | 20.99 | 23.44 | 34.7 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#13 | 19.95 | 22.4  | 34.7 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0  | 21.06 | 23.51 | 34.7 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0  | 20.13 | 22.58 | 34.7 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0  | 21.14 | 23.59 | 34.7 | PASS |

## APPENDIX E.2: PEAK-TO AVERAGE RATIO

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 4.44       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 5.42       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 5.24       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 6.12       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 4.62       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 5.50       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 5.20       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 25RB#0           | 6.00       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | 4.62       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#0            | 5.58       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | 5.28       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | 6.06       | 13        | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | 4.54       | 13        | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#0            | 5.44       | 13        | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | 5.24       | 13        | PASS    |

Test Graphs



MultiView

Spectrum

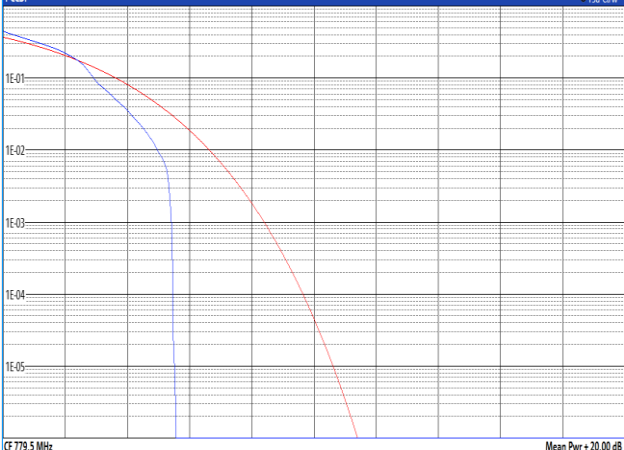
Ref Level 30.00 dBm Offset 8.87 dB AnBW 5 MHz

Att 45 dB Meas Time 2 s

SGL

1 CCDF

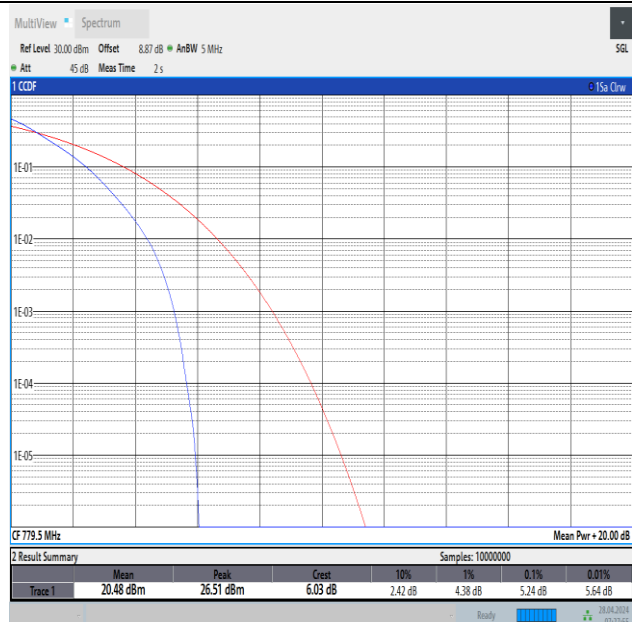
15a Chw



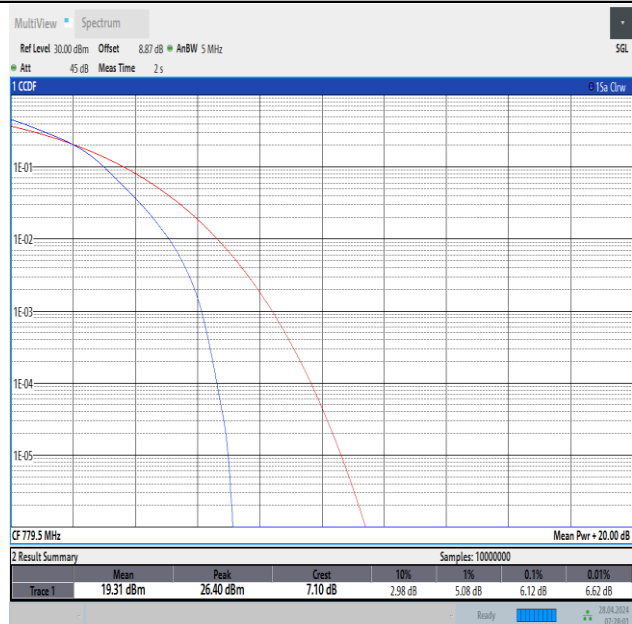
CF 779.5 MHz Mean Pwr + 20.00 dB

| 2 Result Summary |           |           |         |         |         |         |         |
|------------------|-----------|-----------|---------|---------|---------|---------|---------|
|                  | Mean      | Peak      | Crest   | 10%     | 1%      | 0.1%    | 0.01%   |
| Trace 1          | 19.92 dBm | 25.40 dBm | 5.48 dB | 2.92 dB | 4.96 dB | 5.42 dB | 5.46 dB |

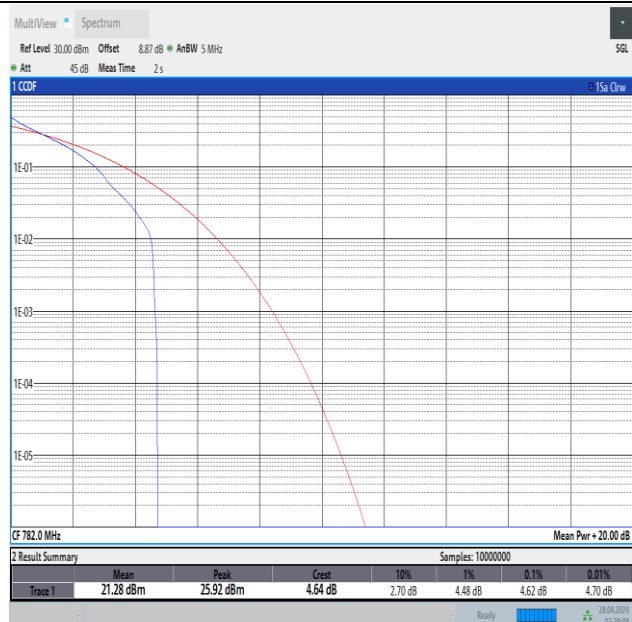
Ready 20.04.2024 09:12:56



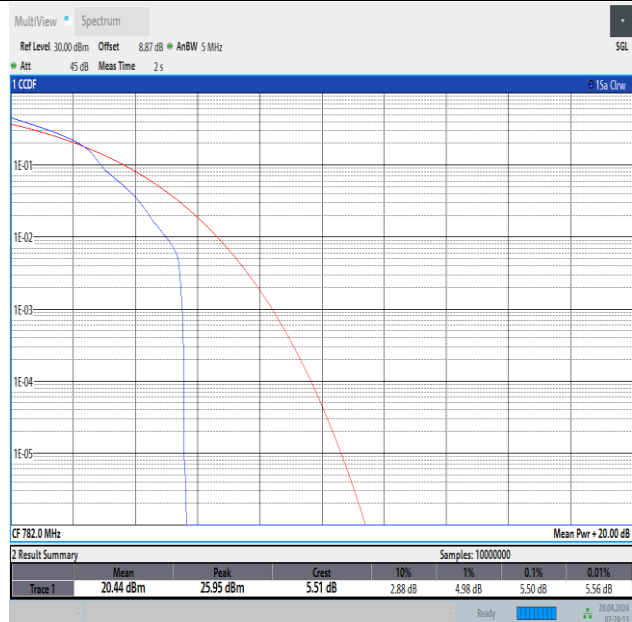
Band13-5MHz-QPSK-23205-25RB#0-PASS



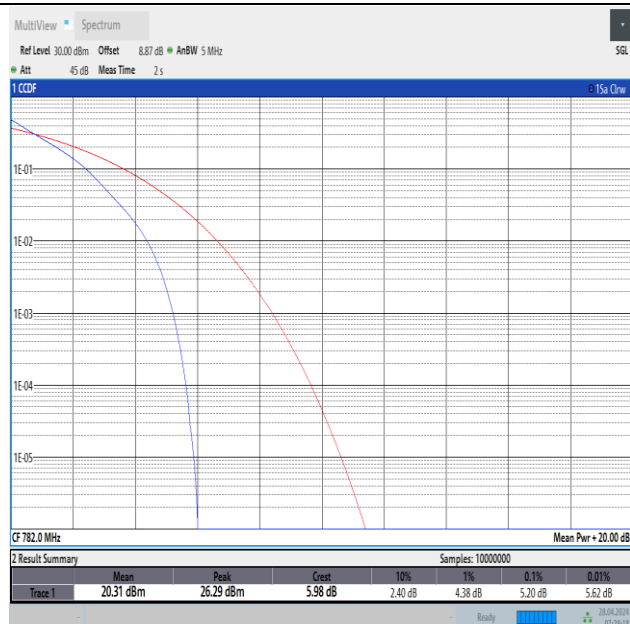
Band13-5MHz-16QAM-23205-25RB#0-PASS



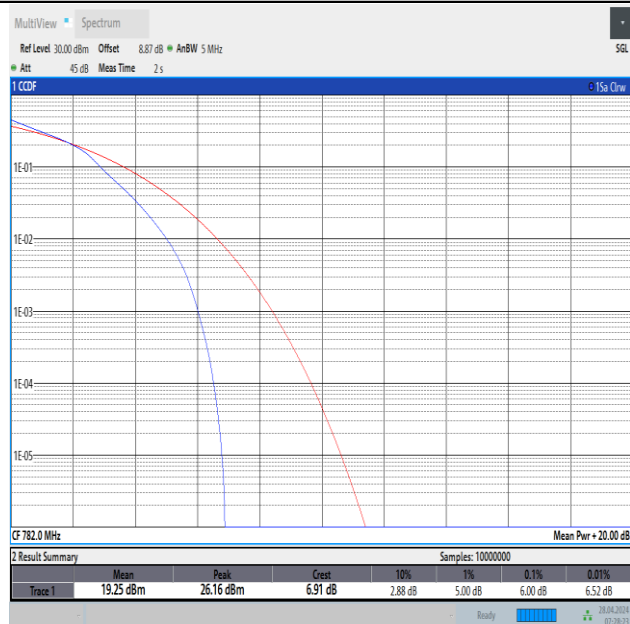
Band13-5MHz-QPSK-23230-1RB#0-PASS



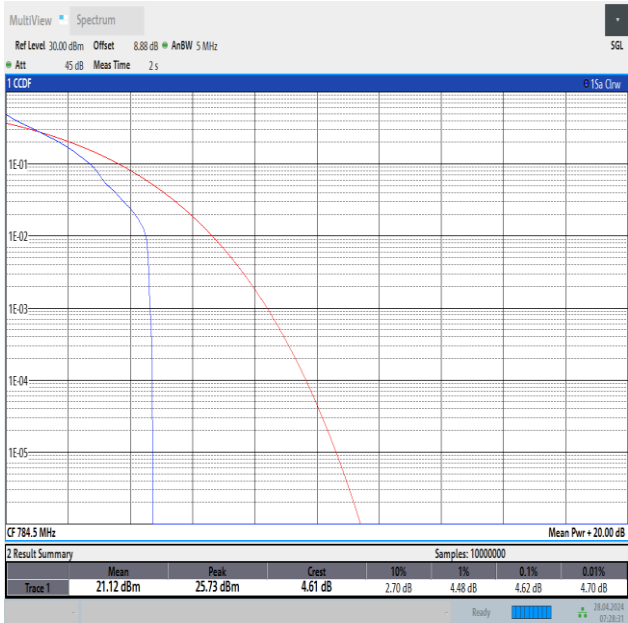
Band13-5MHz-16QAM-23230-1RB#0-PASS



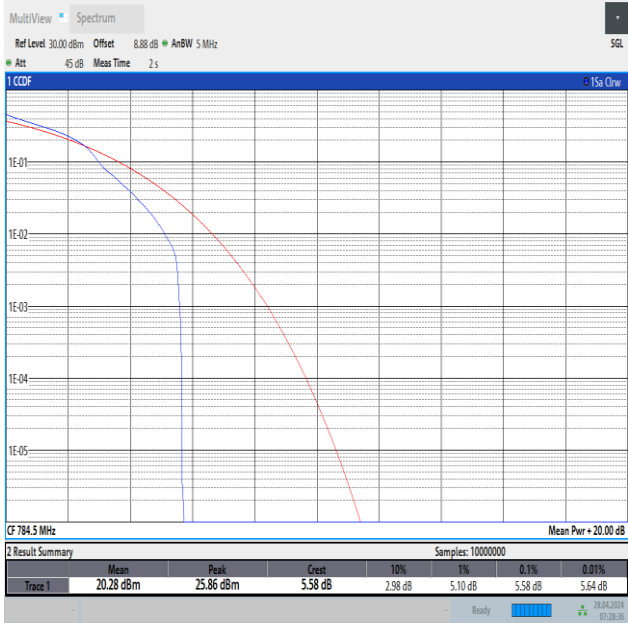
Band13-5MHz-QPSK-23230-25RB#0-PASS



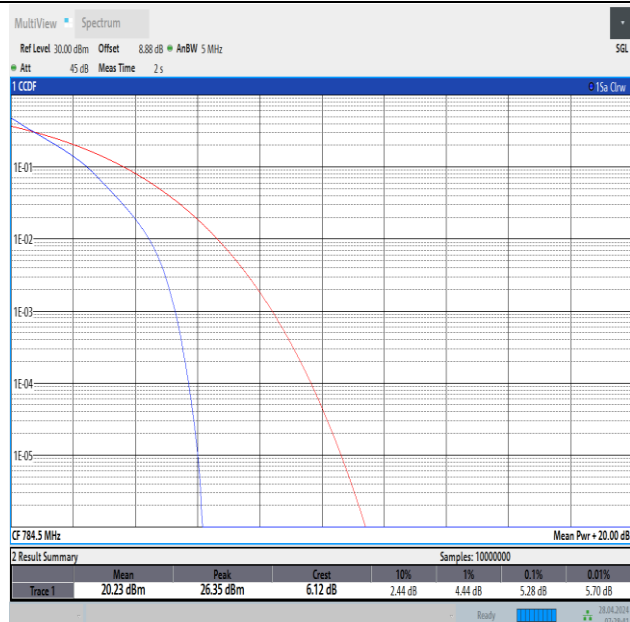
Band13-5MHz-16QAM-23230-25RB#0-PASS



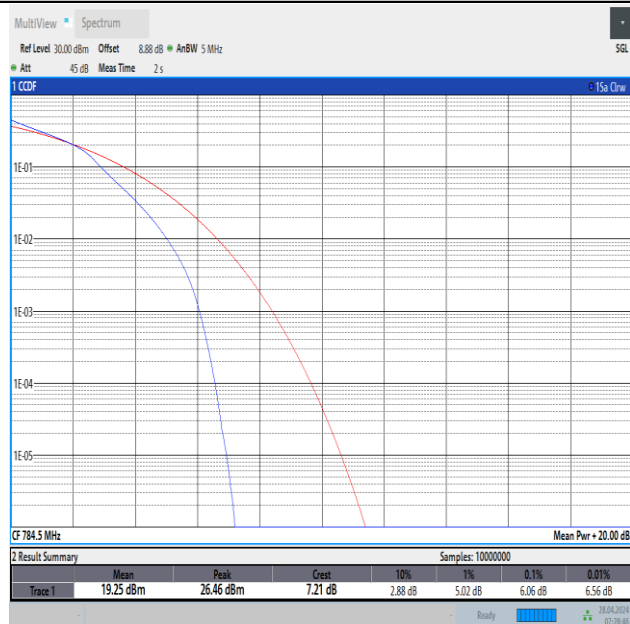
Band13-5MHz-QPSK-23255-1RB#0-PASS



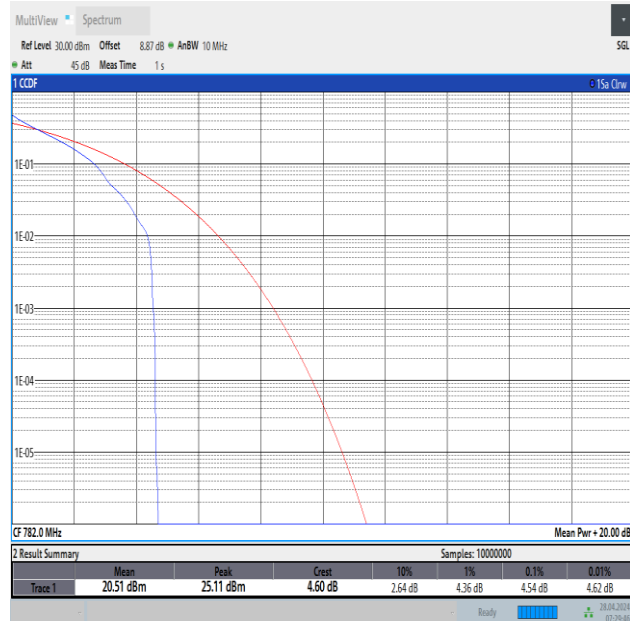
Band13-5MHz-16QAM-23255-1RB#0-PASS



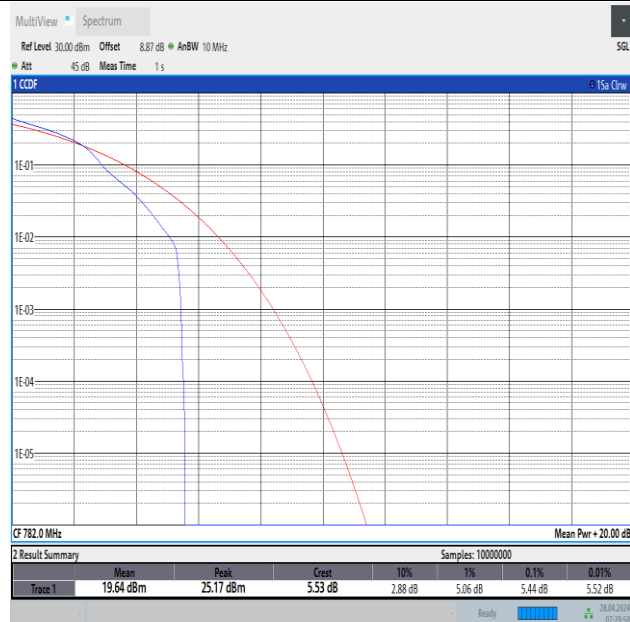
Band13-5MHz-QPSK-23255-25RB#0-PASS



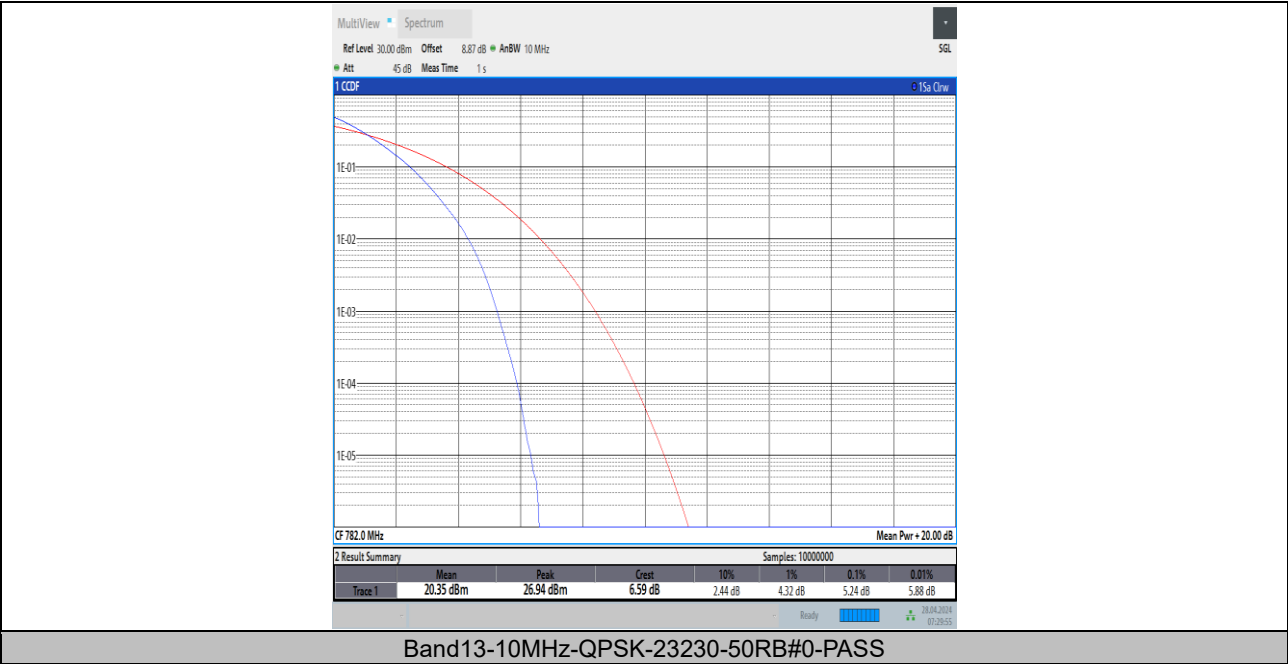
Band13-5MHz-16QAM-23255-25RB#0-PASS



Band13-10MHz-QPSK-23230-1RB#0-PASS



Band13-10MHz-16QAM-23230-1RB#0-PASS

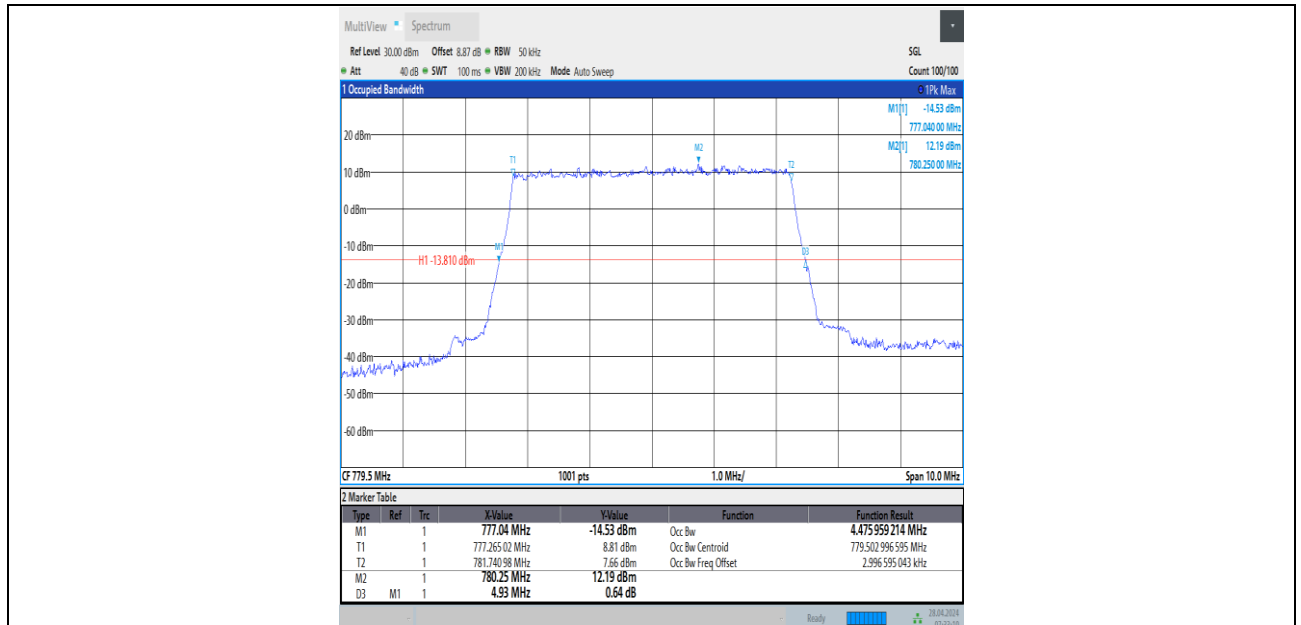


## APPENDIX E.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH

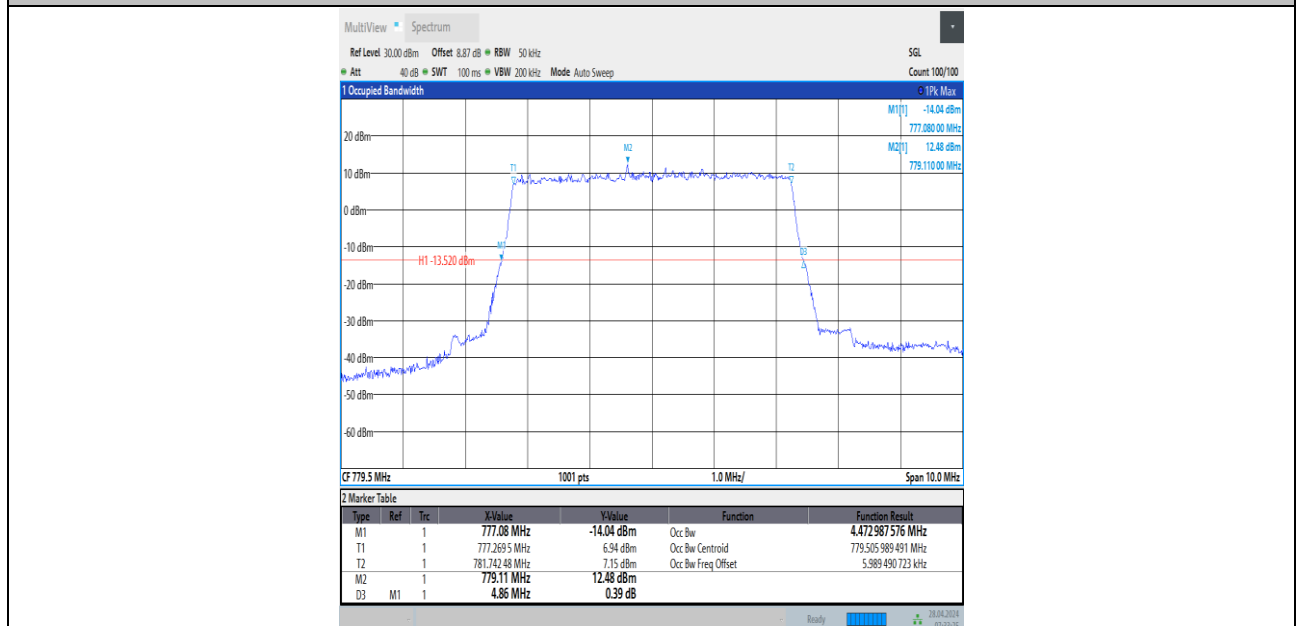
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 4.476                    | 4.93                 | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 4.473                    | 4.86                 | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 4.465                    | 4.91                 | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 25RB#0           | 4.472                    | 4.93                 | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | 4.479                    | 4.95                 | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | 4.475                    | 4.87                 | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | 8.929                    | 9.73                 | PASS    |

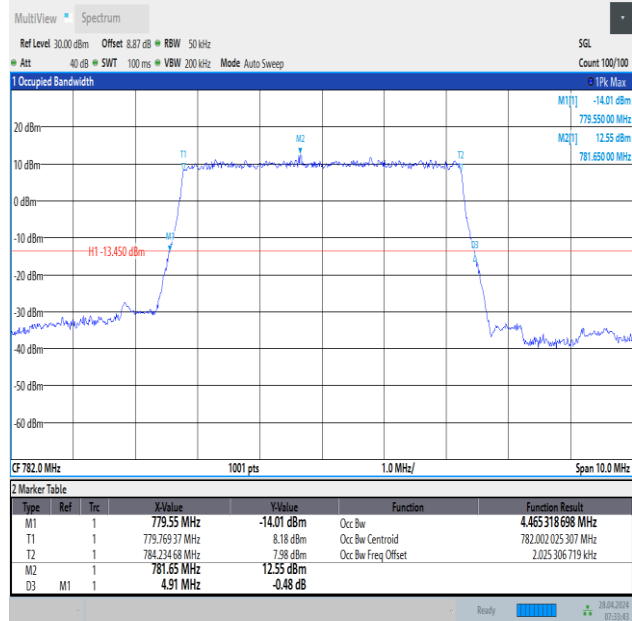
## Test Graphs



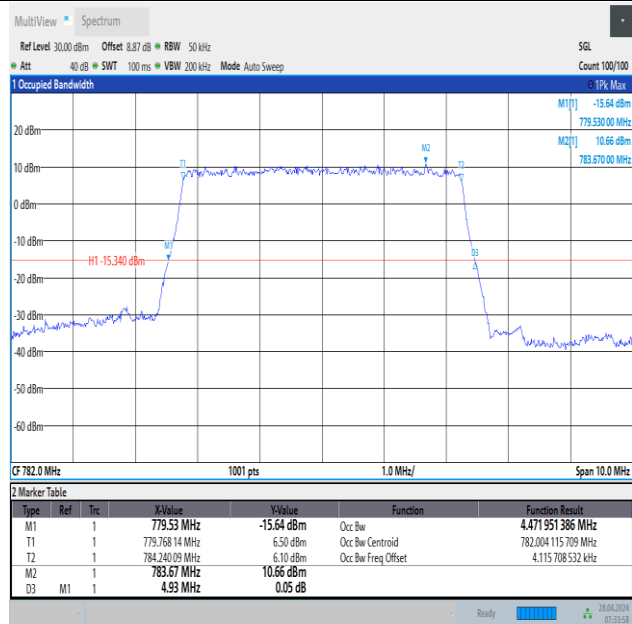
Band13-5MHz-QPSK-23205-25RB#0-PASS



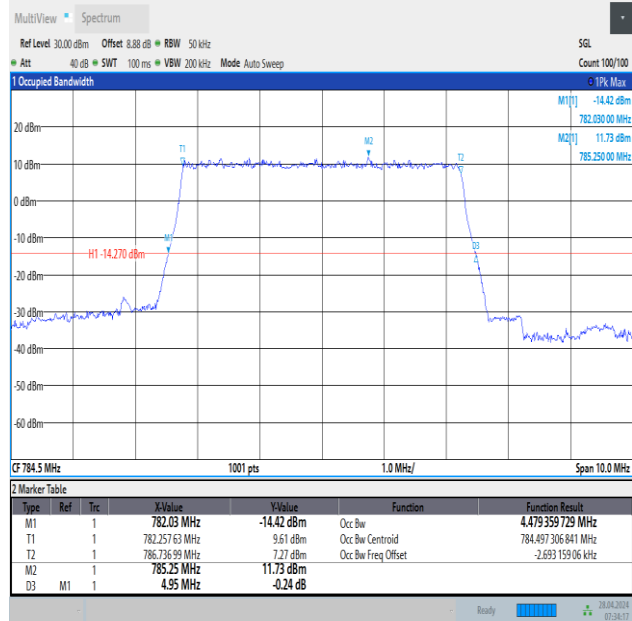
Band13-5MHz-16QAM-23205-25RB#0-PASS



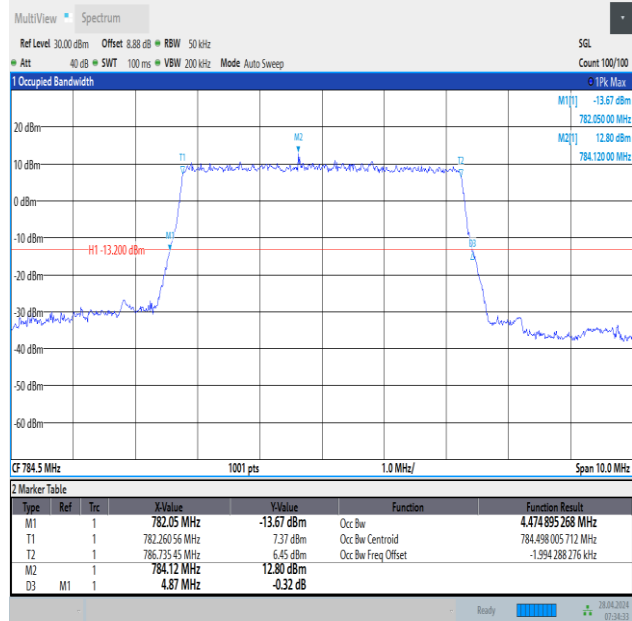
Band13-5MHz-QPSK-23230-25RB#0-PASS



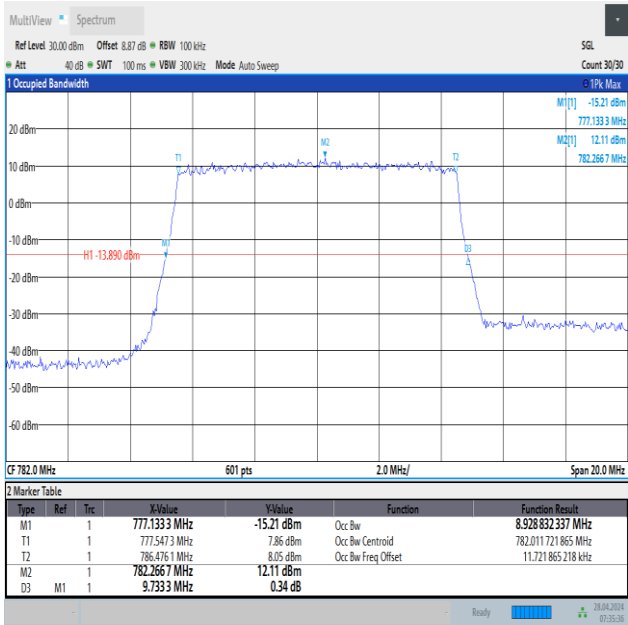
Band13-5MHz-16QAM-23230-25RB#0-PASS



Band13-5MHz-QPSK-23255-25RB#0-PASS



Band13-5MHz-16QAM-23255-25RB#0-PASS



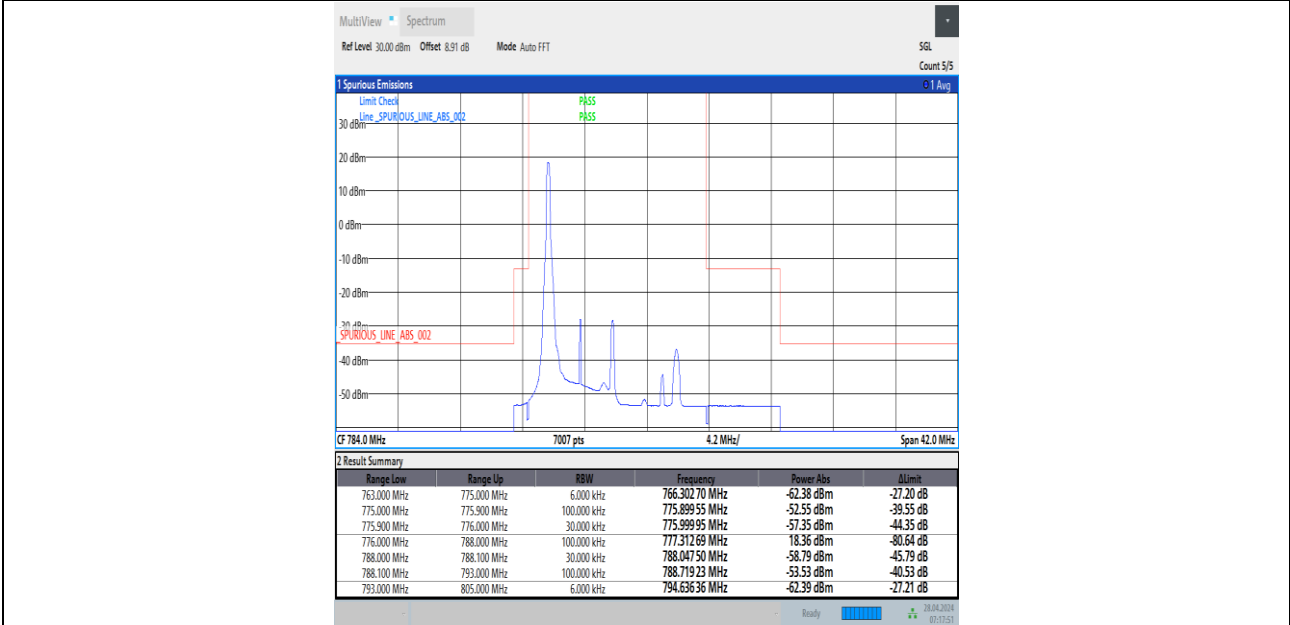
Band13-10MHz-QPSK-23230-50RB#0-PASS

## APPENDIX E.4: BAND EDGE

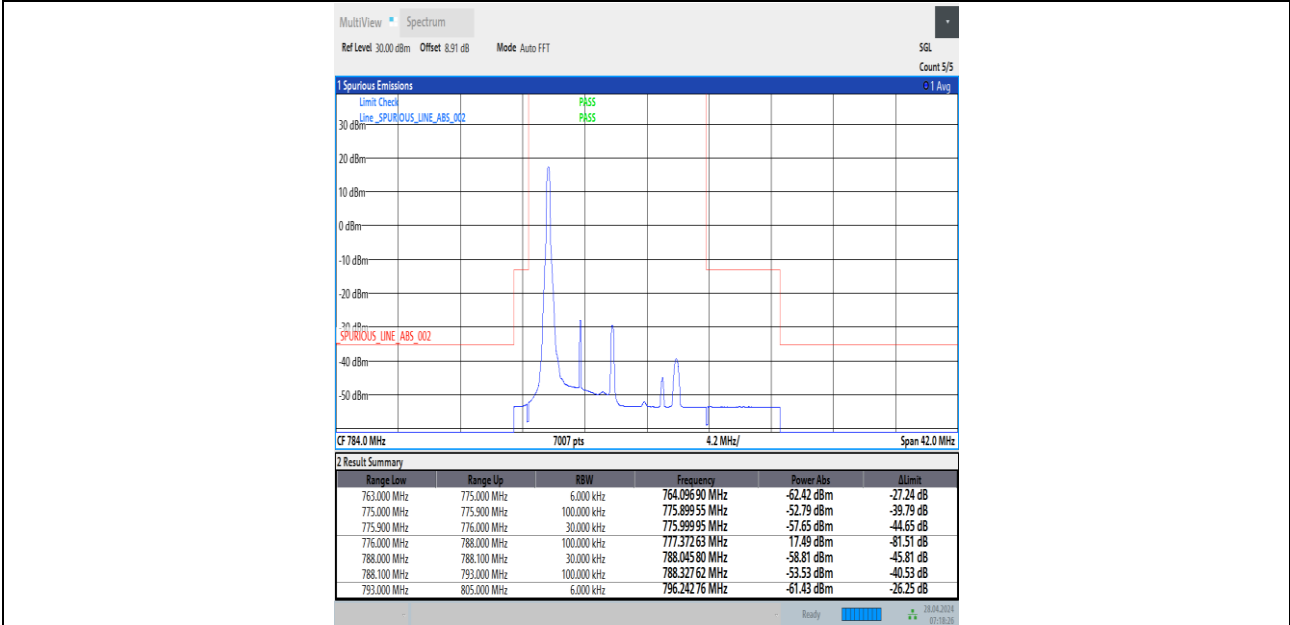
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0      | -62.38       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0      | -61.43       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24     | -62.90       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24     | -62.24       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0     | -61.19       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0     | -61.67       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0      | -61.25       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#0      | -61.89       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#24     | -62.32       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#24     | -63.14       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0     | -58.90       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0     | -60.06       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0     | -54.17       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0      | -58.01       | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#0      | -59.34       | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#49     | -61.06       | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#49     | -61.75       | PASS    |

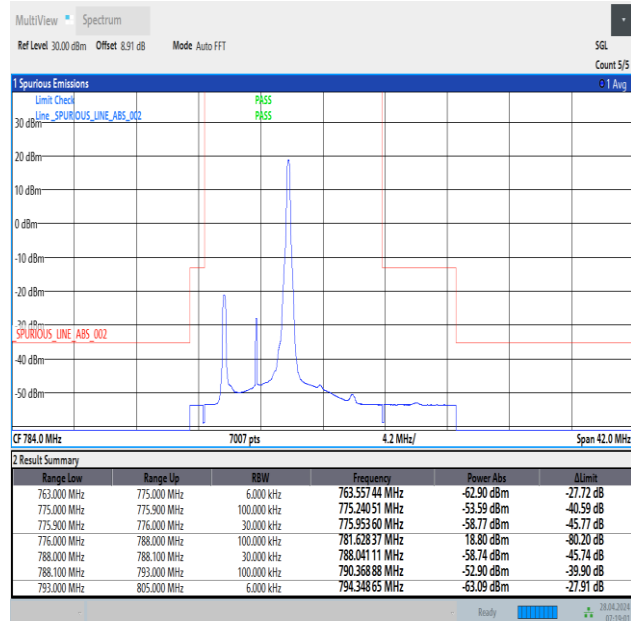
Test Graphs



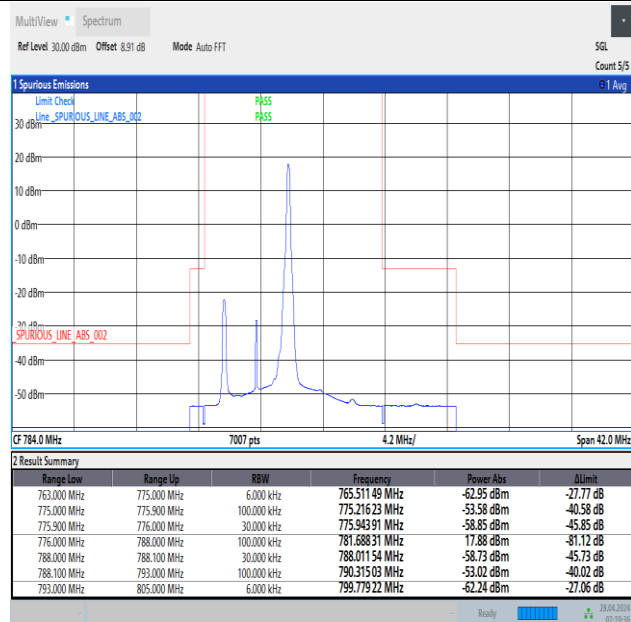
Band13\_5MHz\_QPSK\_23205\_1RB#0



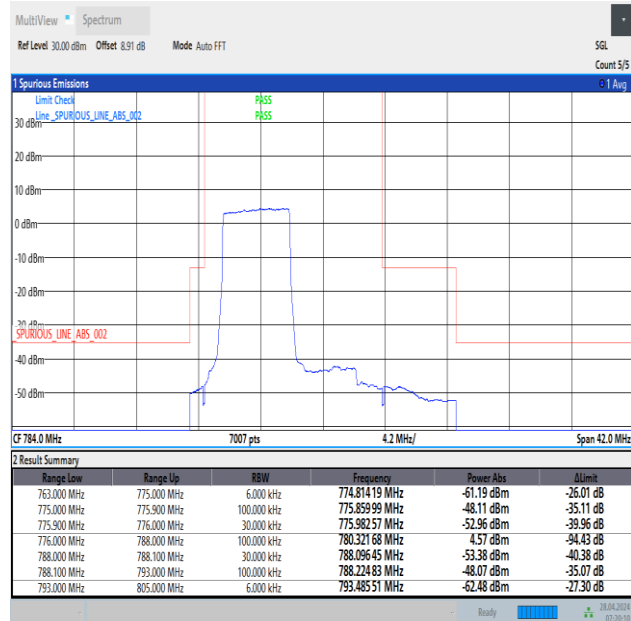
Band13\_5MHz\_16QAM\_23205\_1RB#0



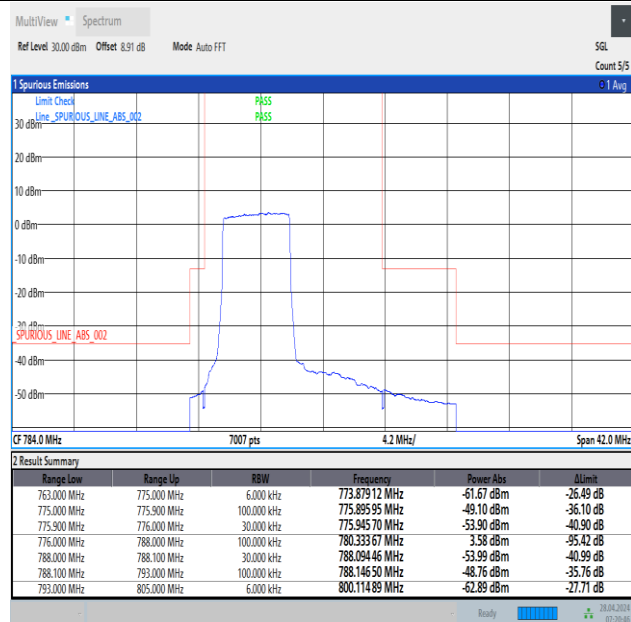
Band13\_5MHz\_QPSK\_23205\_1RB#24



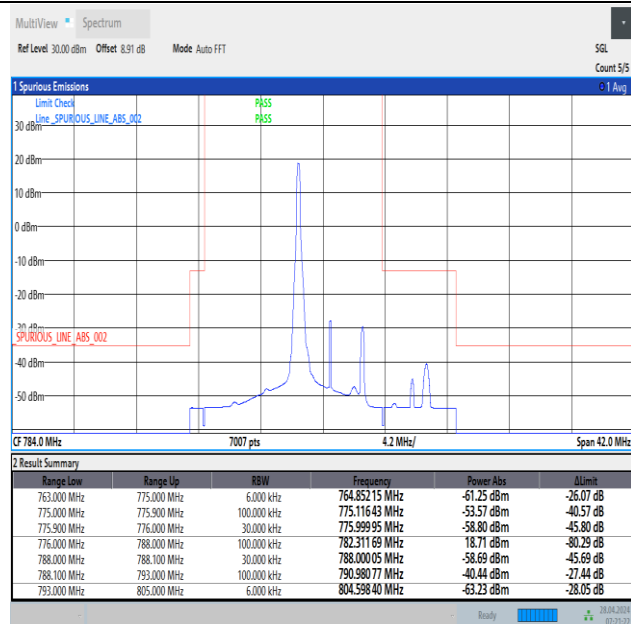
Band13\_5MHz\_16QAM\_23205\_1RB#24



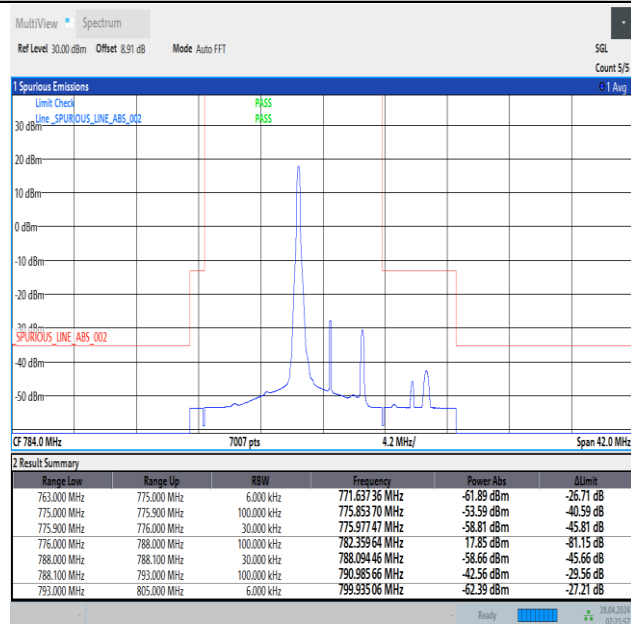
Band13\_5MHz\_QPSK\_23205\_25RB#0



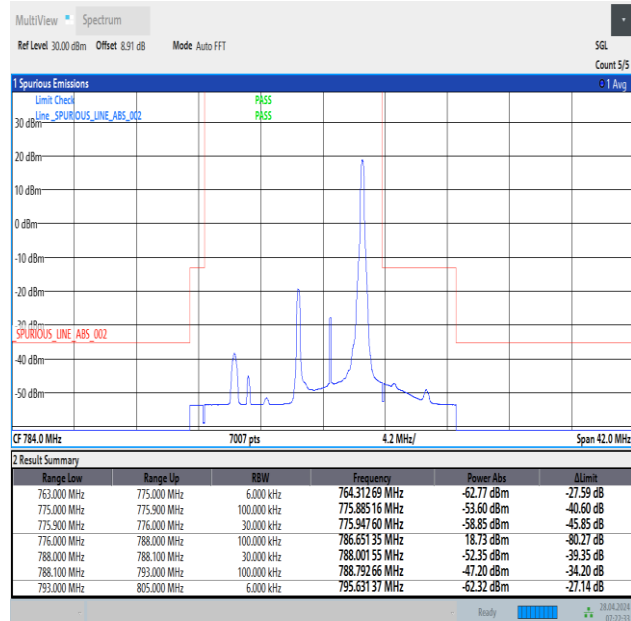
Band13\_5MHz\_16QAM\_23205\_25RB#0



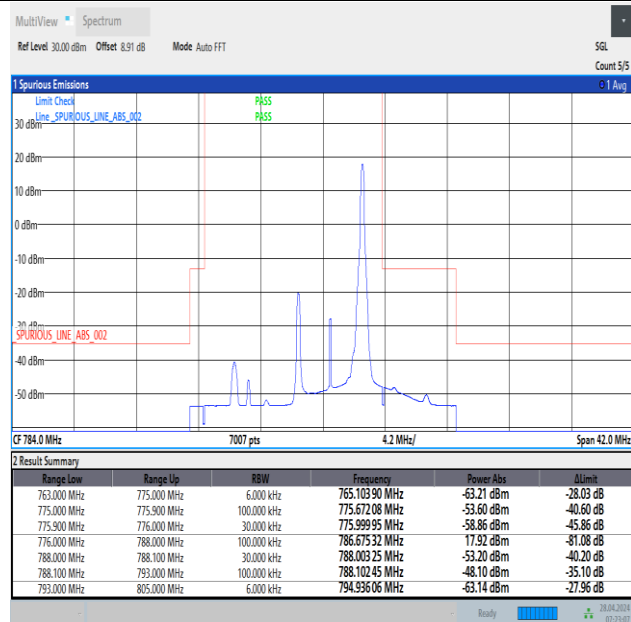
Band13\_5MHz\_QPSK\_23255\_1RB#0



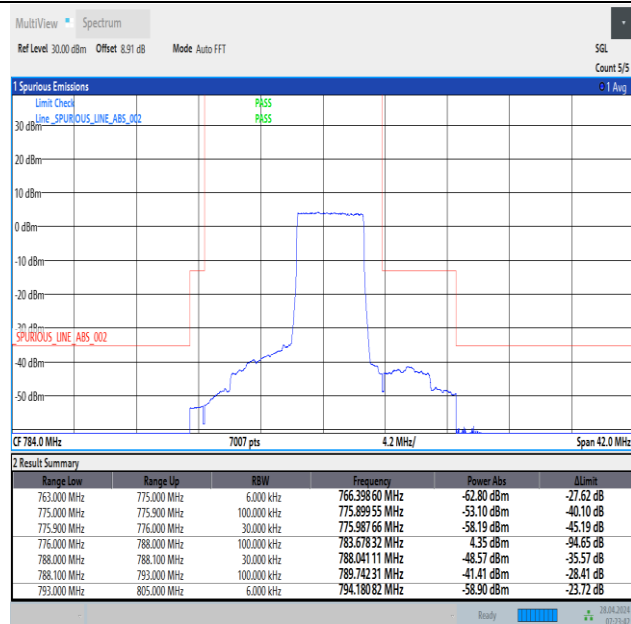
Band13\_5MHz\_16QAM\_23255\_1RB#0



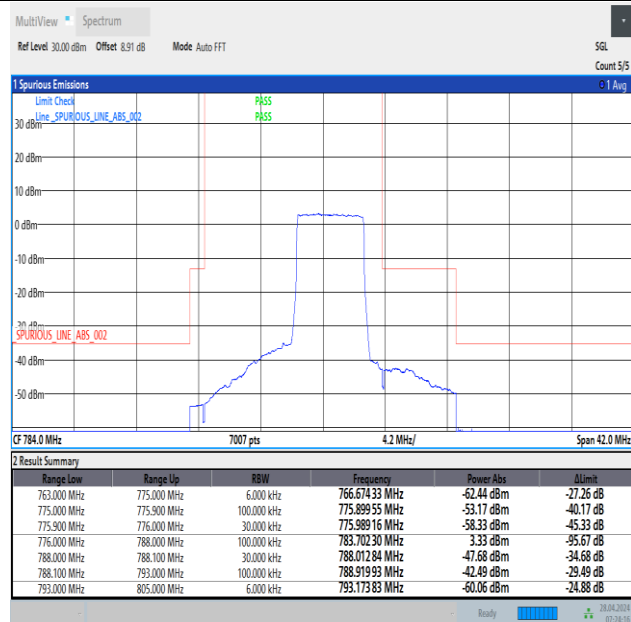
Band13\_5MHz\_QPSK\_23255\_1RB#24



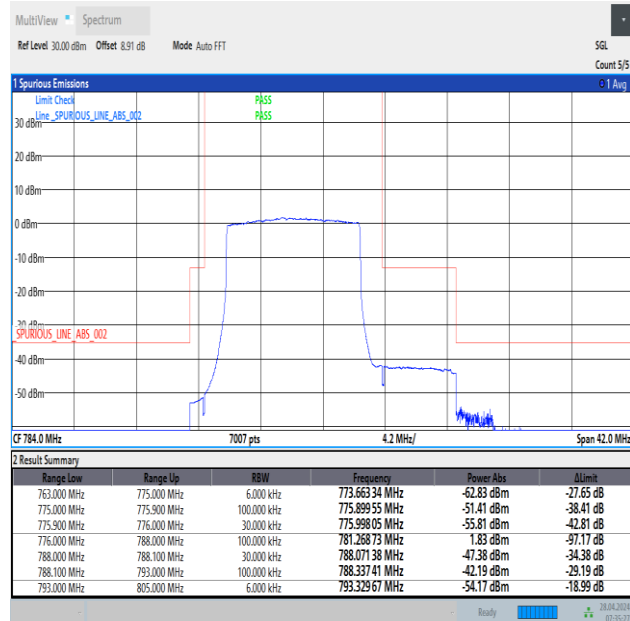
Band13\_5MHz\_16QAM\_23255\_1RB#24



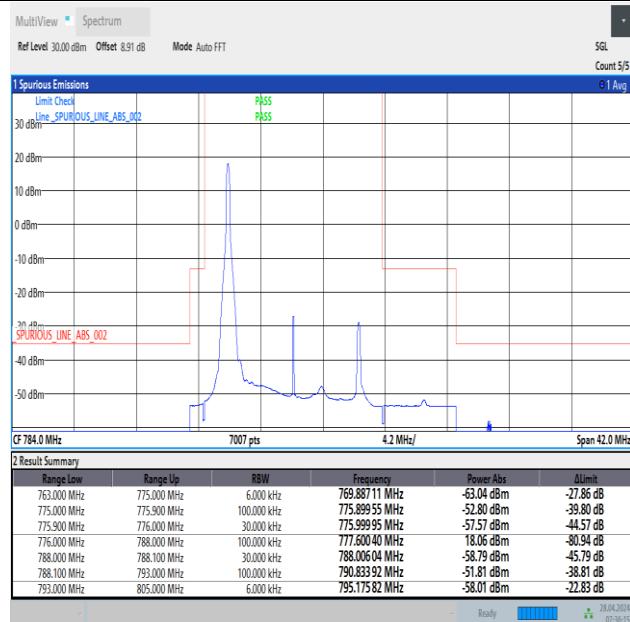
Band13\_5MHz\_QPSK\_23255\_25RB#0



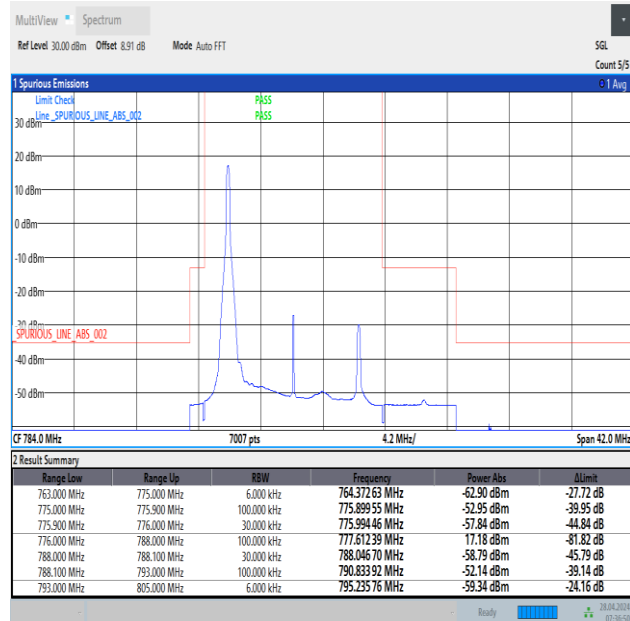
Band13\_5MHz\_16QAM\_23255\_25RB#0



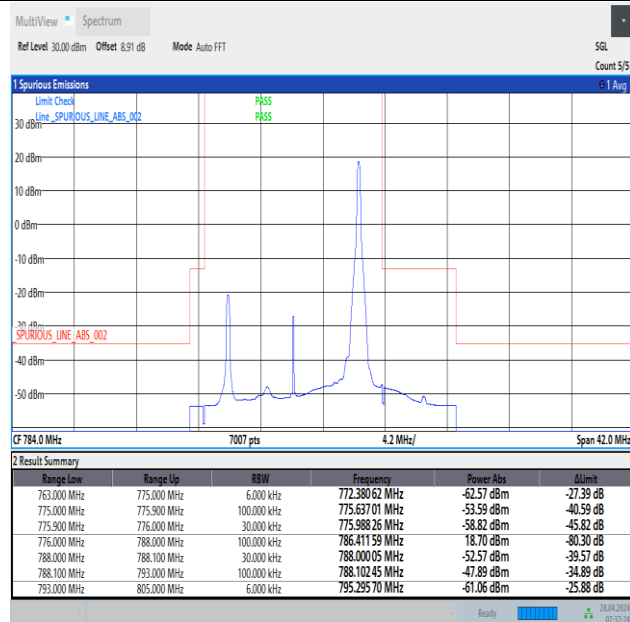
Band13\_10MHz\_QPSK\_23230\_50RB#0



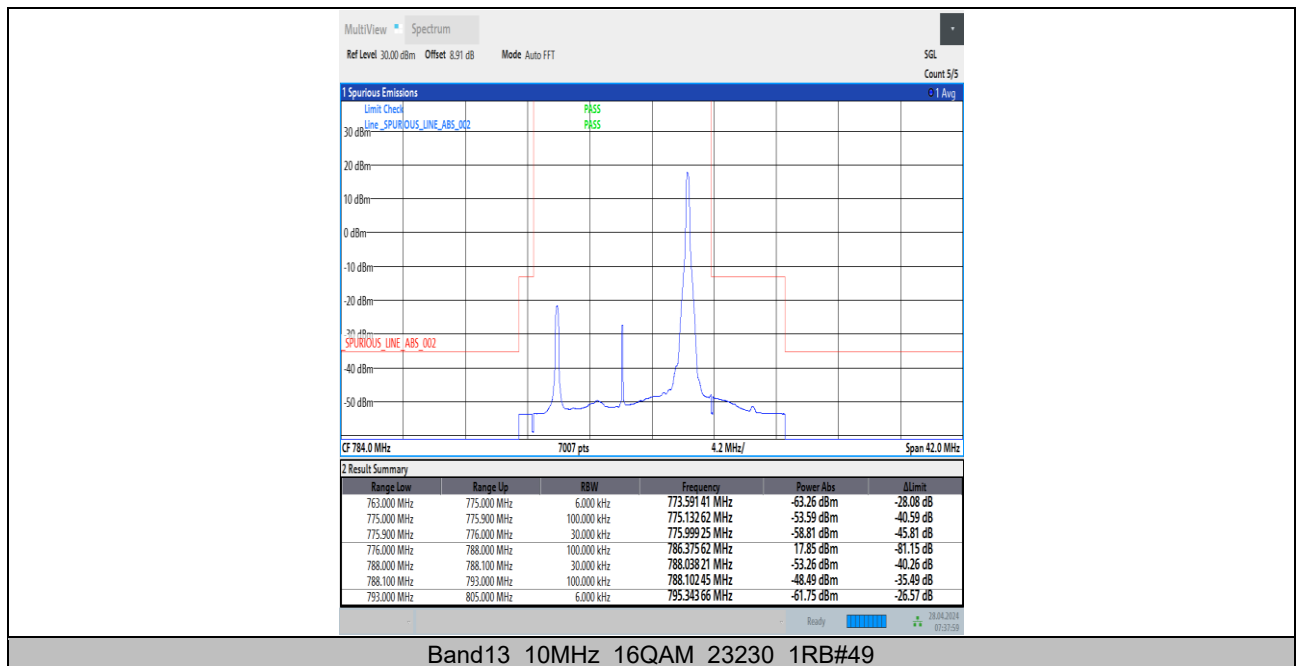
Band13\_10MHz\_QPSK\_23230\_1RB#0



Band13\_10MHz\_16QAM\_23230\_1RB#0



Band13\_10MHz\_QPSK\_23230\_1RB#49



## APPENDIX E.5: CONDUCTED SPURIOUS EMISSIONS

### Test Result

General:

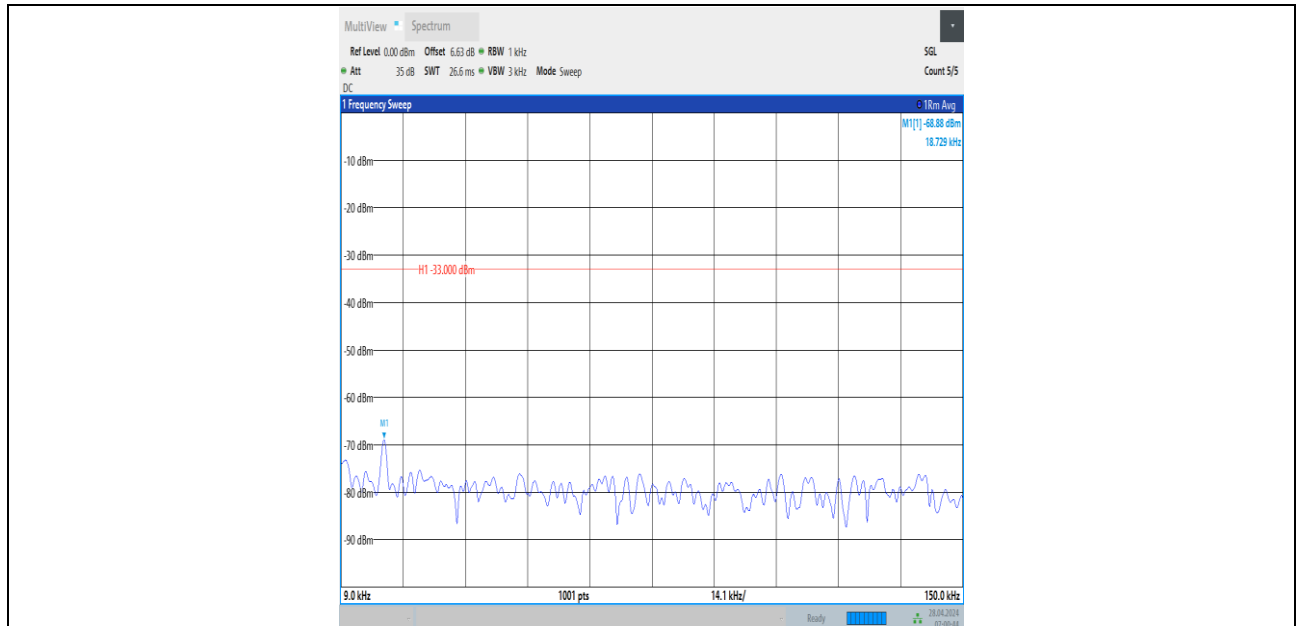
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 0.009~0.15      | -68.88       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 0.15~30         | -73.52       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 30~1000         | -61.19       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 1000~3000       | -48.58       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 3000~10000      | -38.58       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 0.009~0.15      | -69.81       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 0.15~30         | -73.52       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 30~1000         | -61.49       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 1000~3000       | -48.63       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 3000~10000      | -38.66       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | 0.009~0.15      | -68.09       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | 0.15~30         | -73.17       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | 30~1000         | -61.32       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | 1000~3000       | -48.59       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | 3000~10000      | -38.56       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24           | 0.009~0.15      | -65.68       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24           | 0.15~30         | -73.32       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24           | 30~1000         | -61.51       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24           | 1000~3000       | -48.63       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24           | 3000~10000      | -38.63       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 0.009~0.15      | -68.49       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 0.15~30         | -73.30       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 30~1000         | -56.91       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 1000~3000       | -48.69       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 3000~10000      | -38.58       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 0.009~0.15      | -66.62       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 0.15~30         | -73.14       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 30~1000         | -59.12       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 1000~3000       | -48.69       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 3000~10000      | -38.79       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 0.009~0.15      | -65.98       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 0.15~30         | -73.49       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 30~1000         | -61.53       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 1000~3000       | -47.85       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 3000~10000      | -38.85       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 0.009~0.15      | -67.92       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 0.15~30         | -73.29       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 30~1000         | -61.63       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 1000~3000       | -47.83       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 3000~10000      | -38.50       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#24           | 0.009~0.15      | -67.67       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#24           | 0.15~30         | -73.23       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#24           | 30~1000         | -61.49       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#24           | 1000~3000       | -48.46       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#24           | 3000~10000      | -38.59       | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#24           | 0.009~0.15      | -66.62       | PASS    |

|        |       |       |       |        |            |        |      |
|--------|-------|-------|-------|--------|------------|--------|------|
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#24 | 0.15~30    | -73.37 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#24 | 30~1000    | -61.70 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#24 | 1000~3000  | -48.64 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#24 | 3000~10000 | -38.71 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 25RB#0 | 0.009~0.15 | -68.91 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 25RB#0 | 0.15~30    | -73.29 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 25RB#0 | 30~1000    | -56.91 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 25RB#0 | 1000~3000  | -48.63 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 25RB#0 | 3000~10000 | -38.74 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0 | 0.009~0.15 | -66.61 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0 | 0.15~30    | -72.93 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0 | 30~1000    | -58.54 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0 | 1000~3000  | -48.70 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0 | 3000~10000 | -38.74 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#0  | 0.009~0.15 | -67.38 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#0  | 0.15~30    | -73.25 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#0  | 30~1000    | -61.56 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#0  | 1000~3000  | -48.73 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#0  | 3000~10000 | -38.51 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#0  | 0.009~0.15 | -69.50 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#0  | 0.15~30    | -73.53 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#0  | 30~1000    | -61.34 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#0  | 1000~3000  | -48.70 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#0  | 3000~10000 | -38.89 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#24 | 0.009~0.15 | -69.70 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#24 | 0.15~30    | -73.19 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#24 | 30~1000    | -61.64 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#24 | 1000~3000  | -47.70 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#24 | 3000~10000 | -38.87 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#24 | 0.009~0.15 | -68.99 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#24 | 0.15~30    | -73.22 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#24 | 30~1000    | -61.35 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#24 | 1000~3000  | -48.53 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#24 | 3000~10000 | -38.82 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0 | 0.009~0.15 | -68.04 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0 | 0.15~30    | -73.09 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0 | 30~1000    | -57.13 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0 | 1000~3000  | -48.72 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0 | 3000~10000 | -38.99 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0 | 0.009~0.15 | -69.66 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0 | 0.15~30    | -73.37 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0 | 30~1000    | -58.36 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0 | 1000~3000  | -48.69 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0 | 3000~10000 | -38.73 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0 | 0.009~0.15 | -66.53 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0 | 0.15~30    | -73.29 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0 | 30~1000    | -61.48 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0 | 1000~3000  | -48.67 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0 | 3000~10000 | -38.85 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0  | 0.009~0.15 | -66.65 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0  | 0.15~30    | -73.52 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0  | 30~1000    | -61.39 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0  | 1000~3000  | -48.46 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0  | 3000~10000 | -38.57 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0  | 0.009~0.15 | -69.01 | PASS |

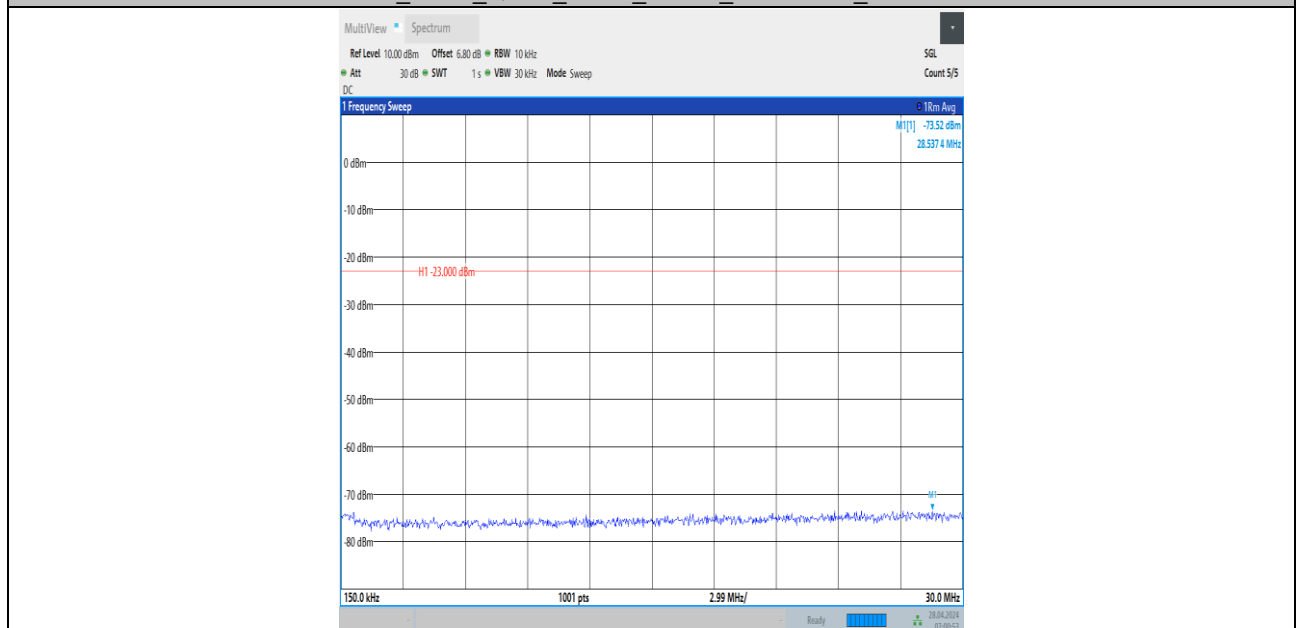
|        |       |       |       |        |            |        |      |
|--------|-------|-------|-------|--------|------------|--------|------|
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0  | 0.15~30    | -73.56 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0  | 30~1000    | -61.38 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0  | 1000~3000  | -48.61 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0  | 3000~10000 | -38.71 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#49 | 0.009~0.15 | -67.82 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#49 | 0.15~30    | -73.30 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#49 | 30~1000    | -61.58 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#49 | 1000~3000  | -48.06 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#49 | 3000~10000 | -38.92 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49 | 0.009~0.15 | -67.79 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49 | 0.15~30    | -73.23 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49 | 30~1000    | -61.65 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49 | 1000~3000  | -48.22 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49 | 3000~10000 | -38.61 | PASS |

## Test Graphs

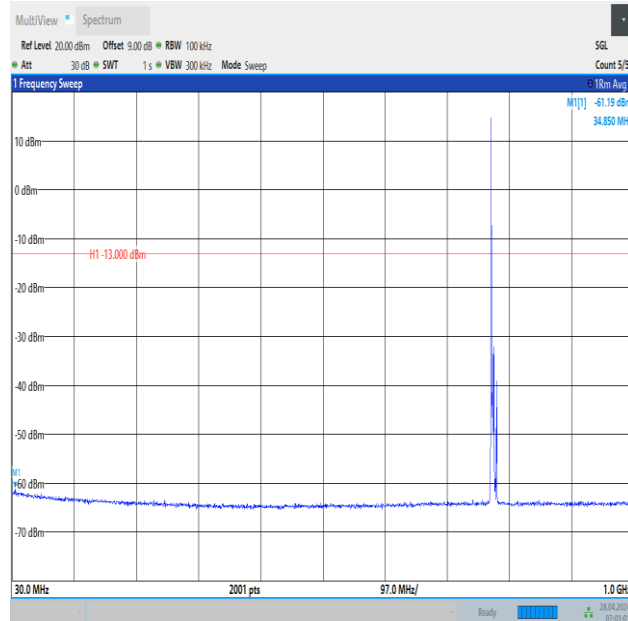
General:



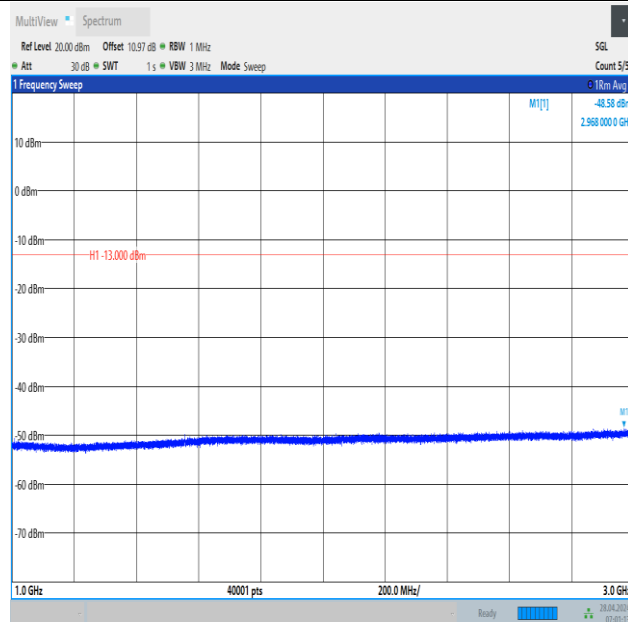
Band13\_5MHz\_QPSK\_23205\_1RB#0\_0.009~0.15\_0.009~0.15



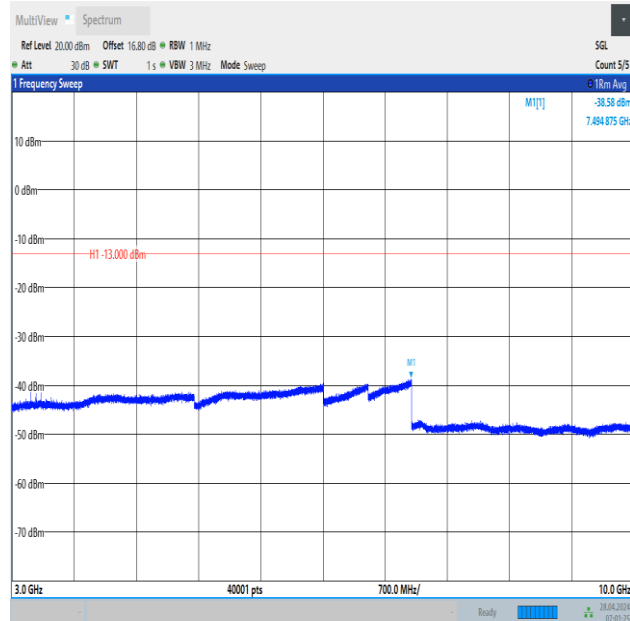
Band13\_5MHz\_QPSK\_23205\_1RB#0\_0.15~30\_0.15~30



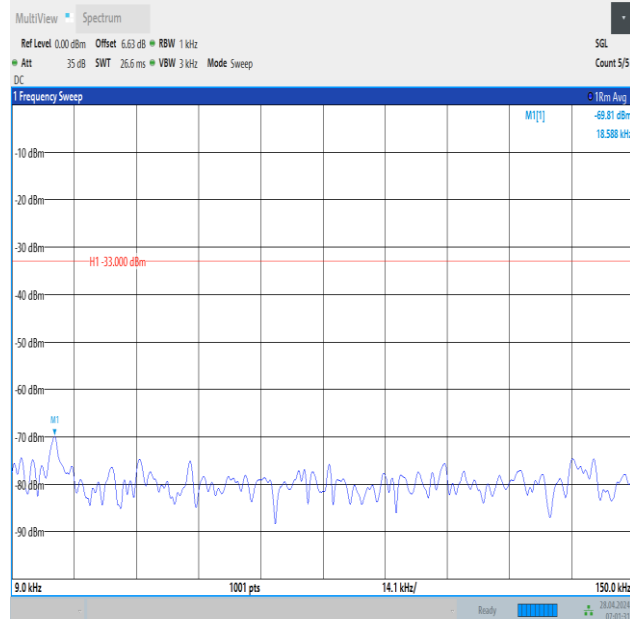
Band13\_5MHz\_QPSK\_23205\_1RB#0\_30~1000\_30~1000



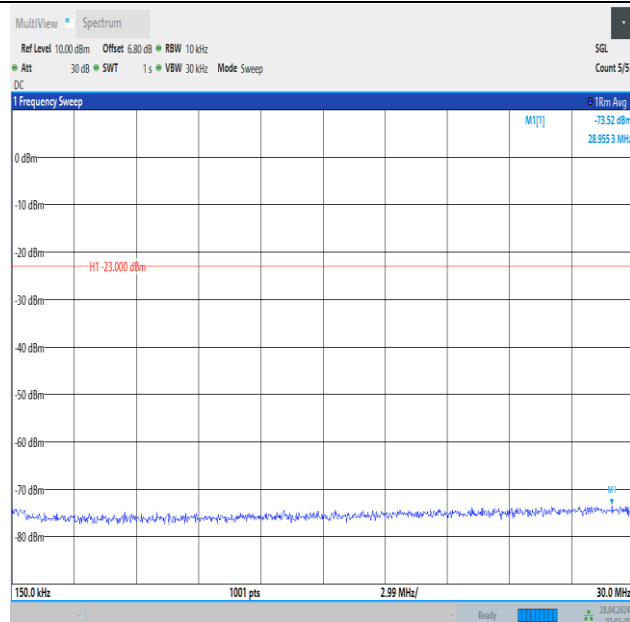
Band13\_5MHz\_QPSK\_23205\_1RB#0\_1000~3000\_1000~3000



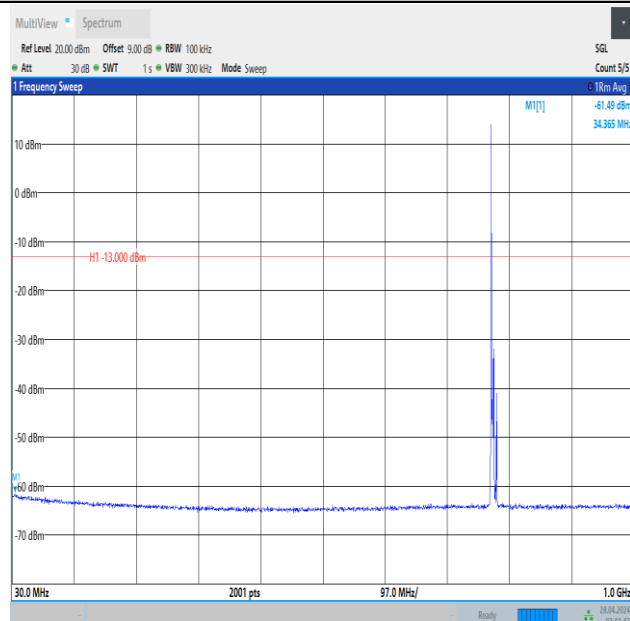
Band13\_5MHz\_QPSK\_23205\_1RB#0\_3000~10000\_3000~10000



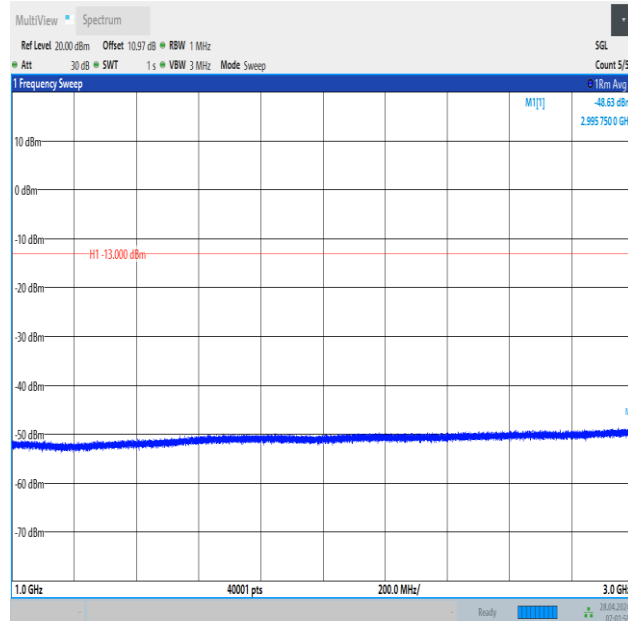
Band13\_5MHz\_16QAM\_23205\_1RB#0\_0.009~0.15\_0.009~0.15



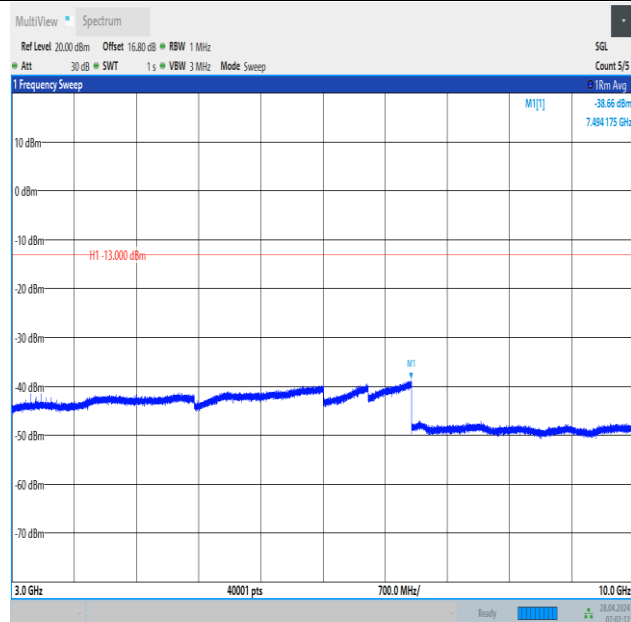
Band13\_5MHz\_16QAM\_23205\_1RB#0\_0.15~30\_0.15~30



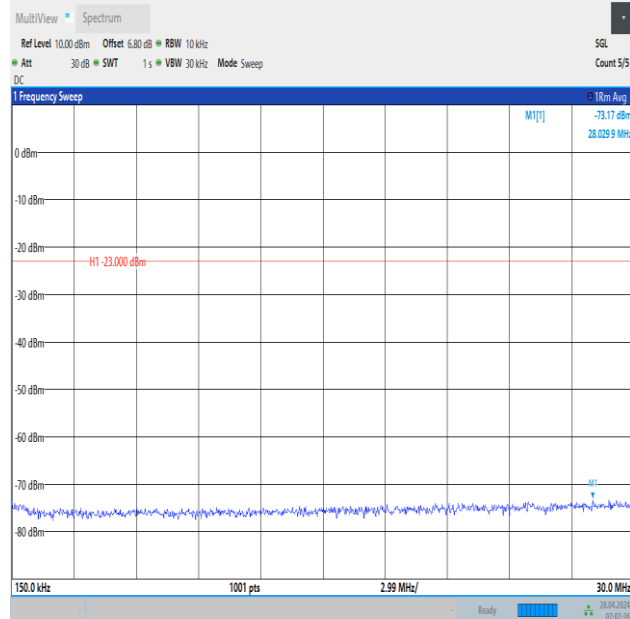
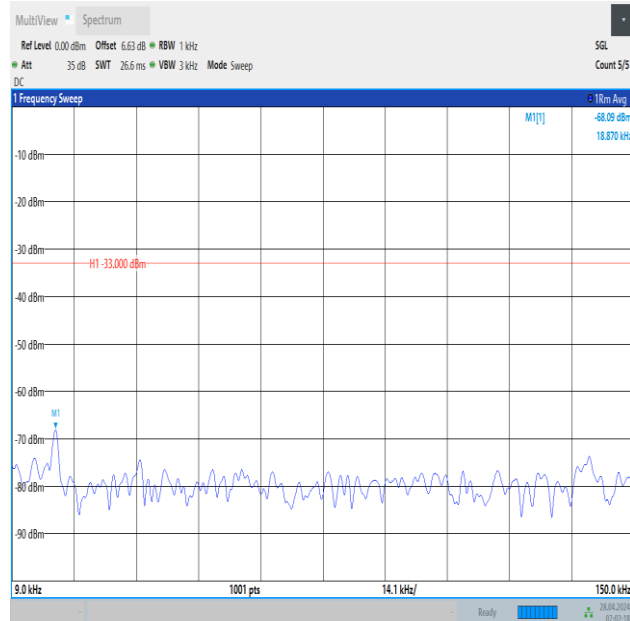
Band13\_5MHz\_16QAM\_23205\_1RB#0\_30~1000\_30~1000

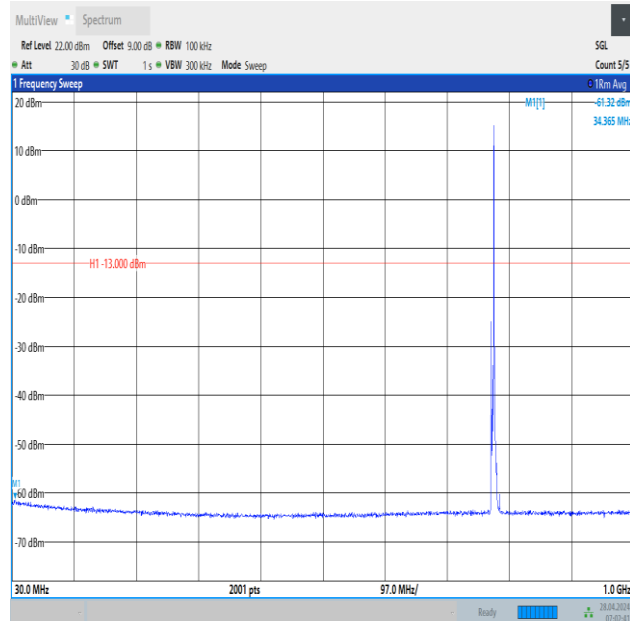


Band13\_5MHz\_16QAM\_23205\_1RB#0\_1000~3000\_1000~3000

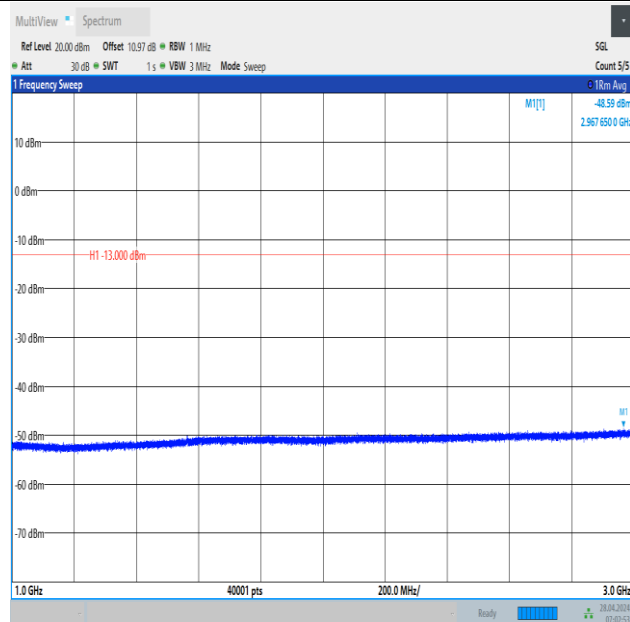


Band13\_5MHz\_16QAM\_23205\_1RB#0\_3000~10000\_3000~10000

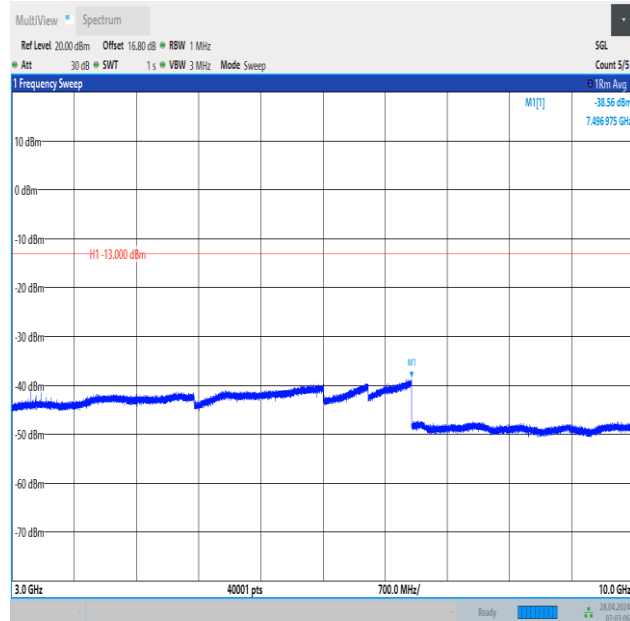




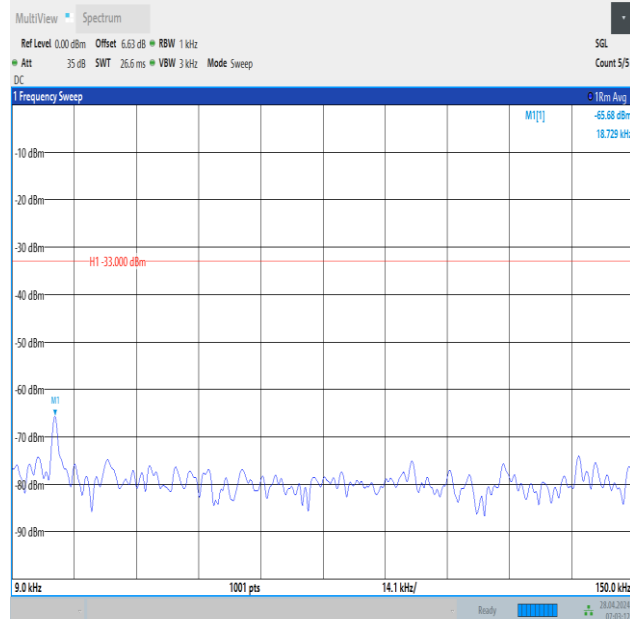
Band13\_5MHz\_QPSK\_23205\_1RB#24\_30~1000\_30~1000



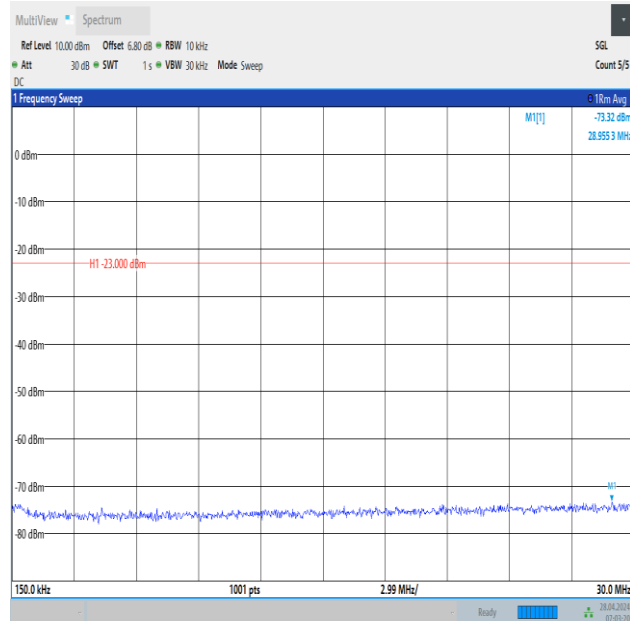
Band13\_5MHz\_QPSK\_23205\_1RB#24\_1000~3000\_1000~3000



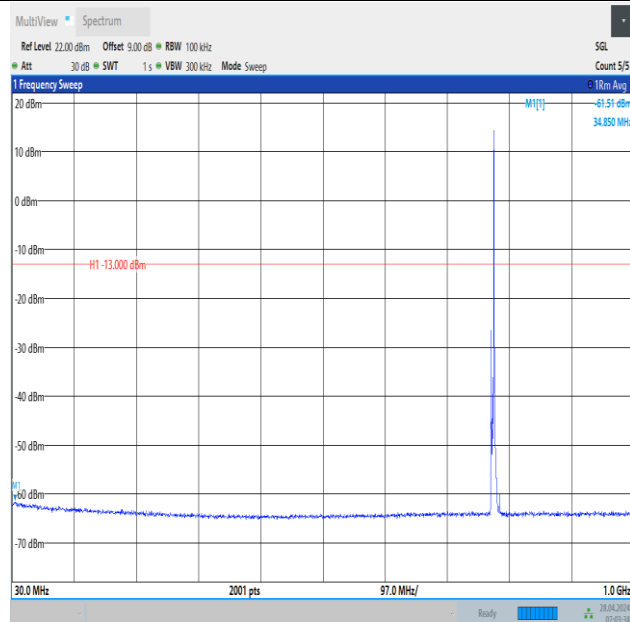
Band13\_5MHz\_QPSK\_23205\_1RB#24\_3000~10000\_3000~10000



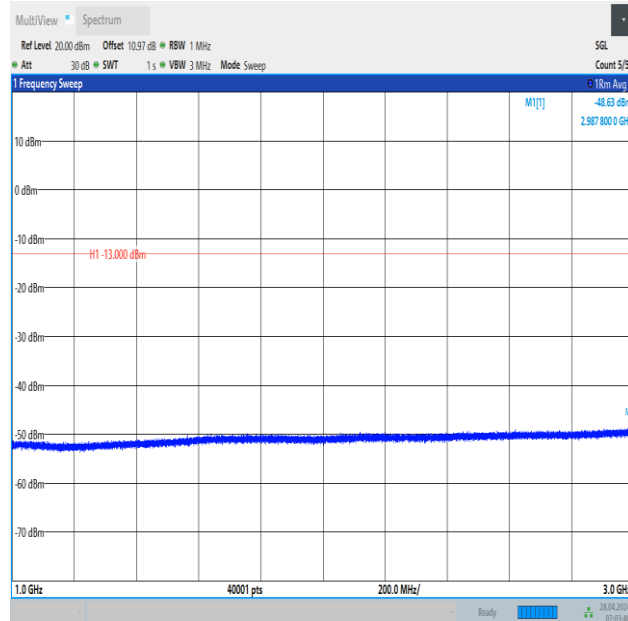
Band13\_5MHz\_16QAM\_23205\_1RB#24\_0.009~0.15\_0.009~0.15



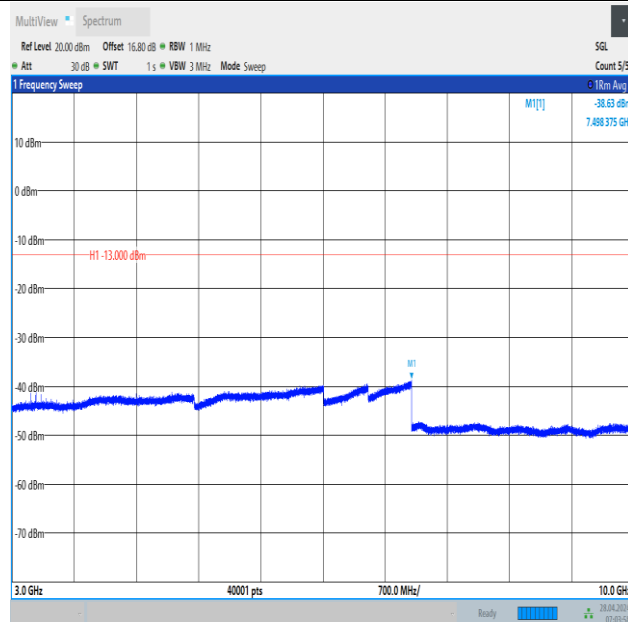
Band13\_5MHz\_16QAM\_23205\_1RB#24\_0.15~30\_0.15~30



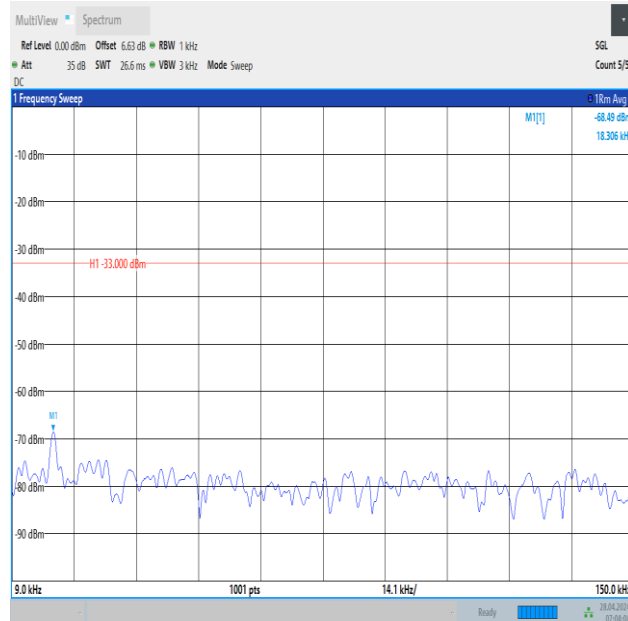
Band13\_5MHz\_16QAM\_23205\_1RB#24\_30~1000\_30~1000



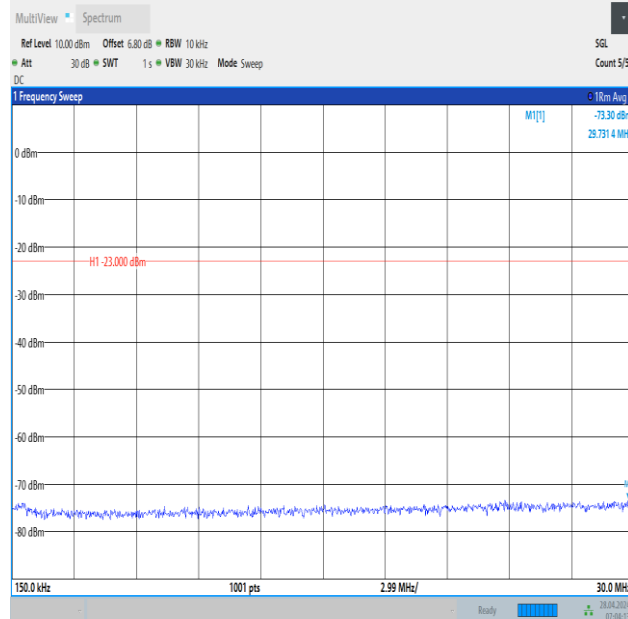
Band13\_5MHz\_16QAM\_23205\_1RB#24\_1000~3000\_1000~3000



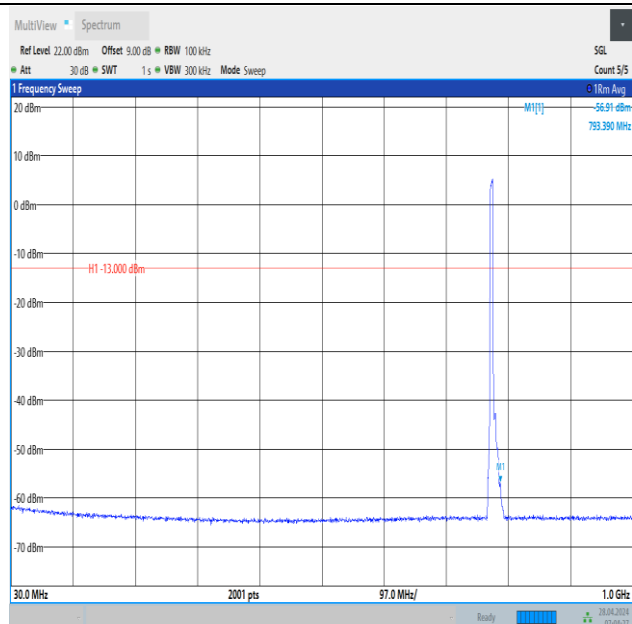
Band13\_5MHz\_16QAM\_23205\_1RB#24\_3000~10000\_3000~10000



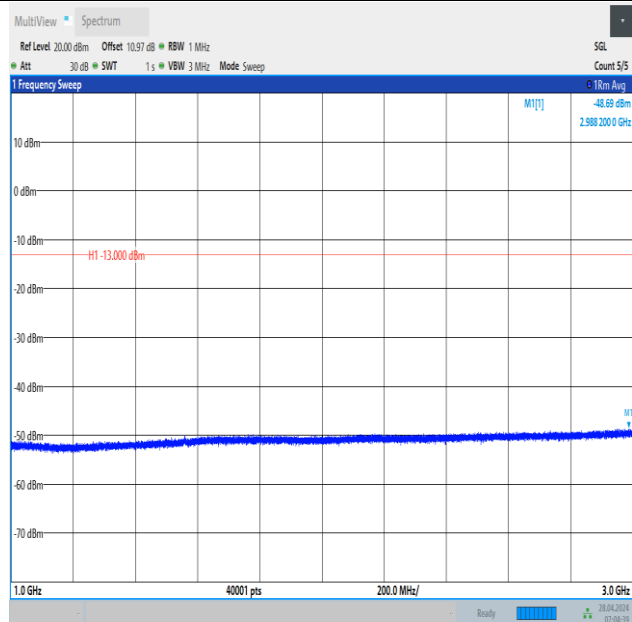
Band13\_5MHz\_QPSK\_23205\_25RB#0\_0.009~0.15\_0.009~0.15



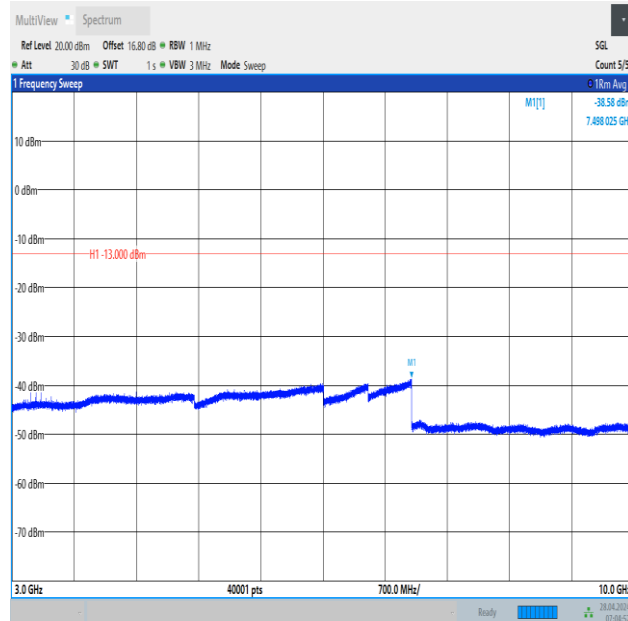
Band13\_5MHz\_QPSK\_23205\_25RB#0\_0.15~30\_0.15~30



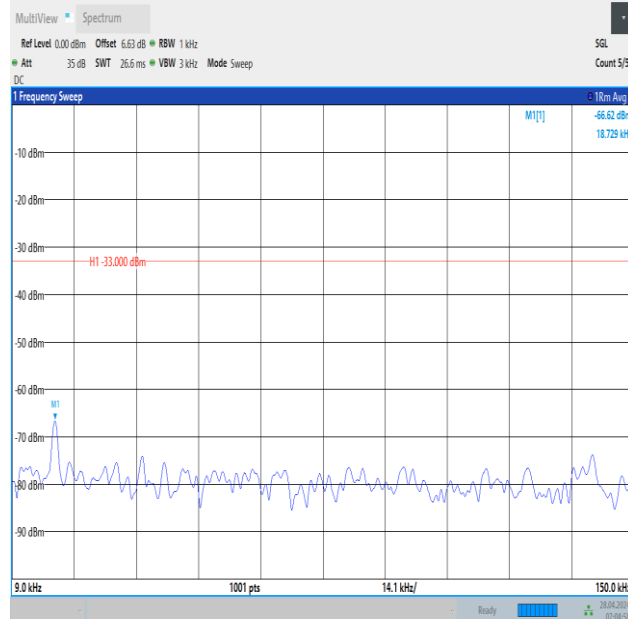
Band13\_5MHz\_QPSK\_23205\_25RB#0\_30~1000\_30~1000



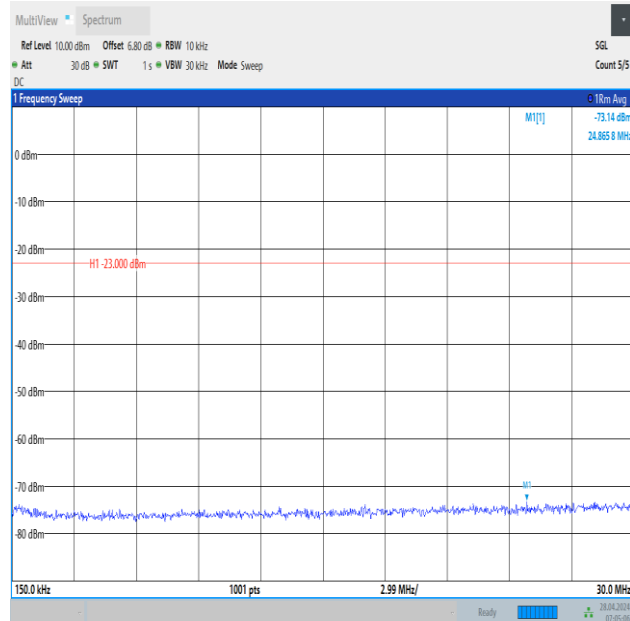
Band13\_5MHz\_QPSK\_23205\_25RB#0\_1000~3000\_1000~3000



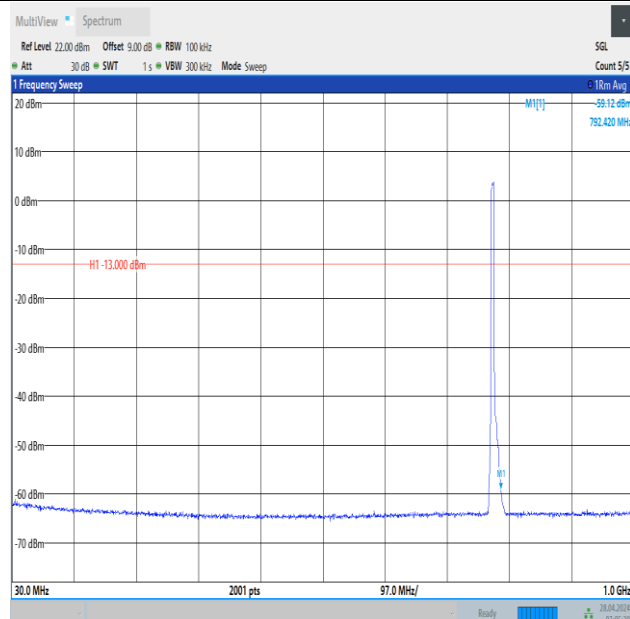
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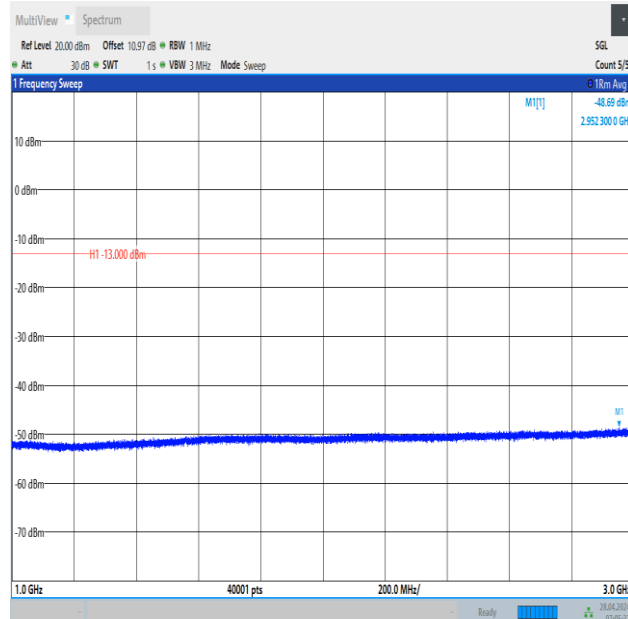
Band13\_5MHz\_16QAM\_23205\_25RB#0\_0.009~0.15\_0.009~0.15



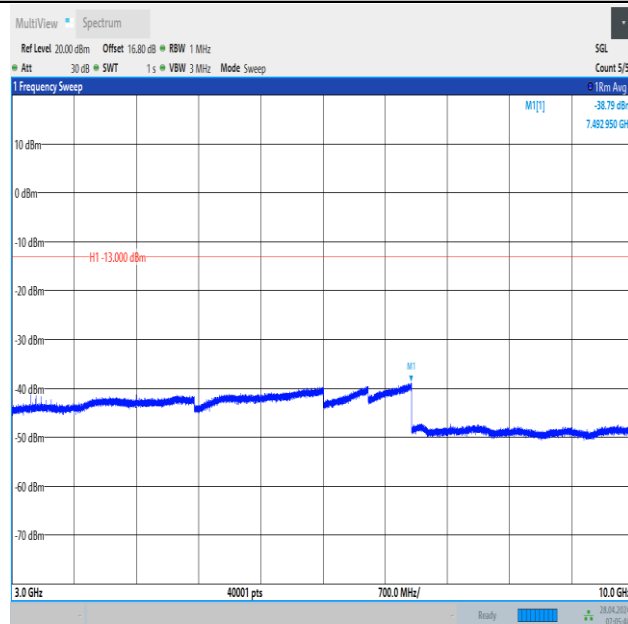
Band13\_5MHz\_16QAM\_23205\_25RB#0\_0.15~30\_0.15~30



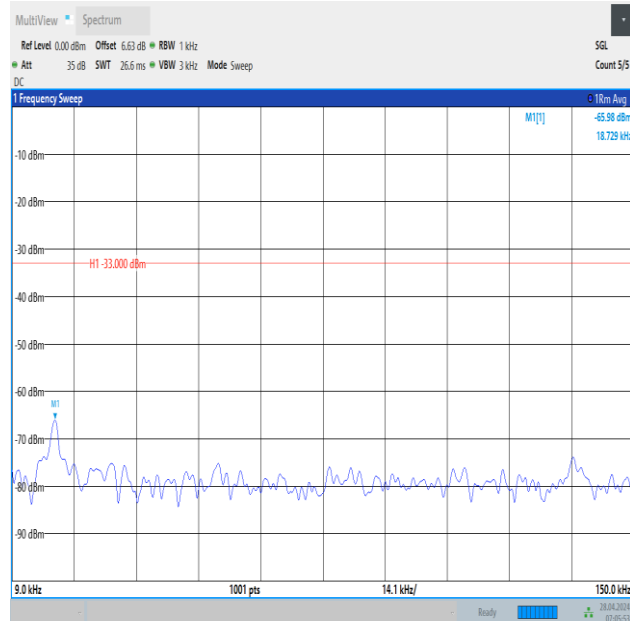
Band13\_5MHz\_16QAM\_23205\_25RB#0\_30~1000\_30~1000



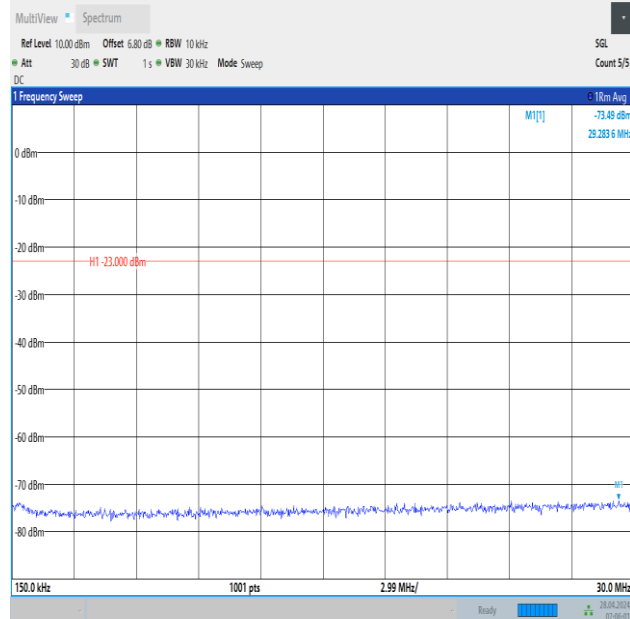
Band13\_5MHz\_16QAM\_23205\_25RB#0\_1000~3000\_1000~3000



Band13\_5MHz\_16QAM\_23205\_25RB#0\_3000~10000\_3000~10000



Band13\_5MHz\_QPSK\_23230\_1RB#0\_0.009~0.15\_0.009~0.15



Band13\_5MHz\_QPSK\_23230\_1RB#0\_0.15~30\_0.15~30