## LTE BAND7

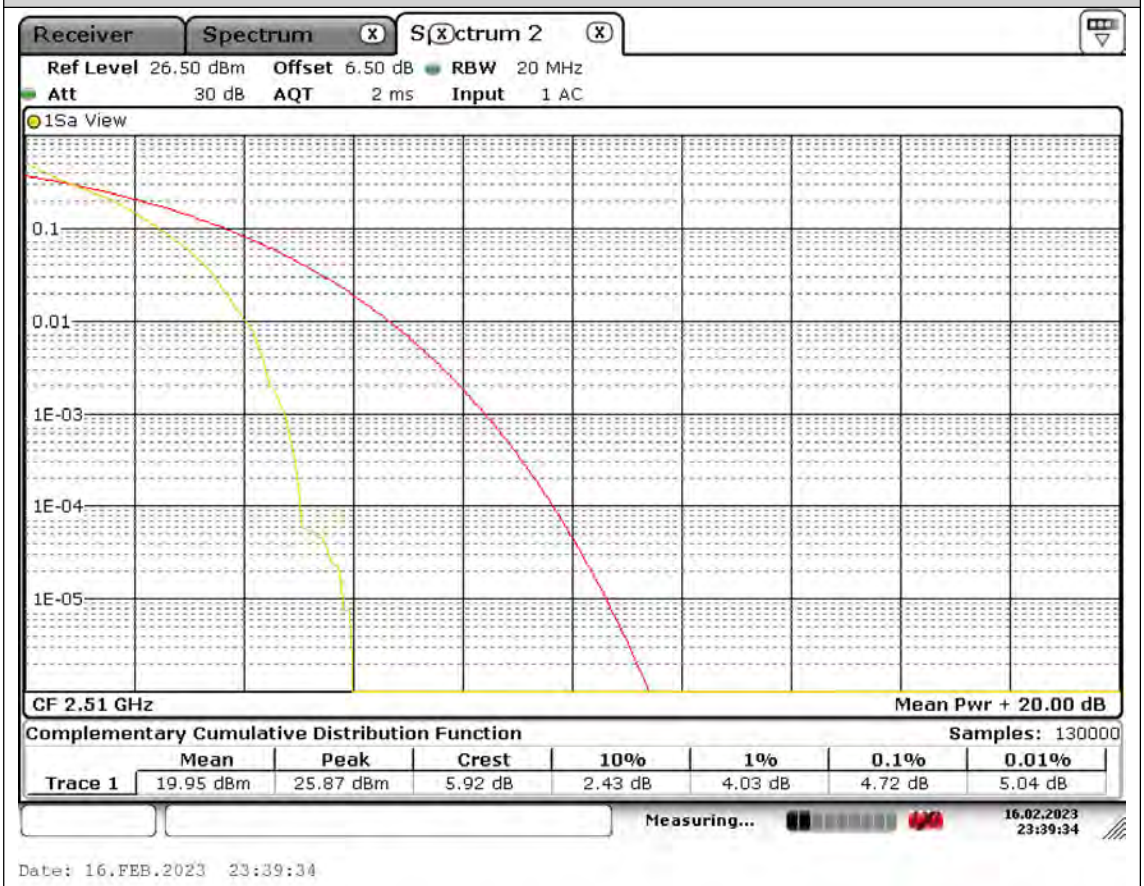
## PEAK-TO-AVERAGE RATIO(CCDF)

### Test Result

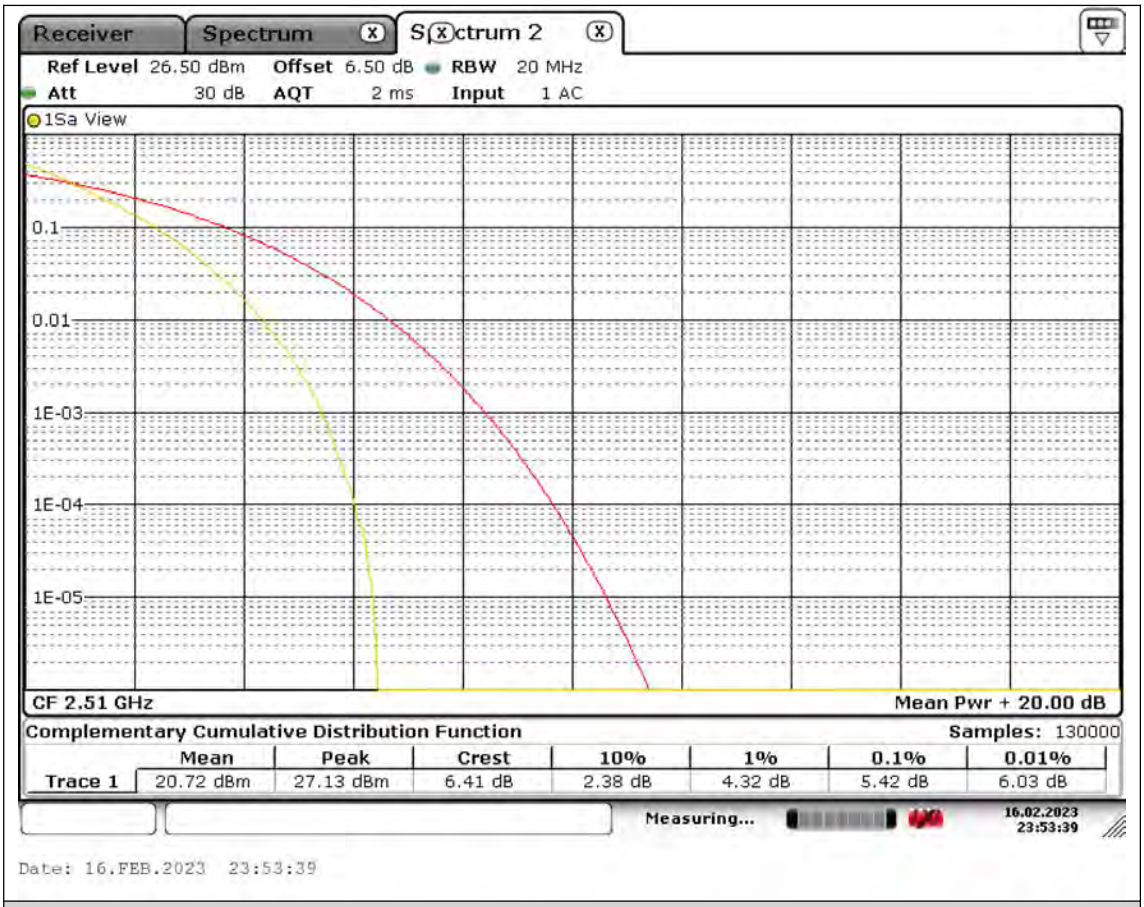
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 4.72 | 13 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 5.42 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 5.22 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 5.39 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 4.9 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 5.39 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 5.33 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 6.32 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 6.03 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.29 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 5.51 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 6.2 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | 6.43 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 6.64 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | 6.00 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 6.61 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | 6.32 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 6.58 | 13 | PASS |

## Test Graphs

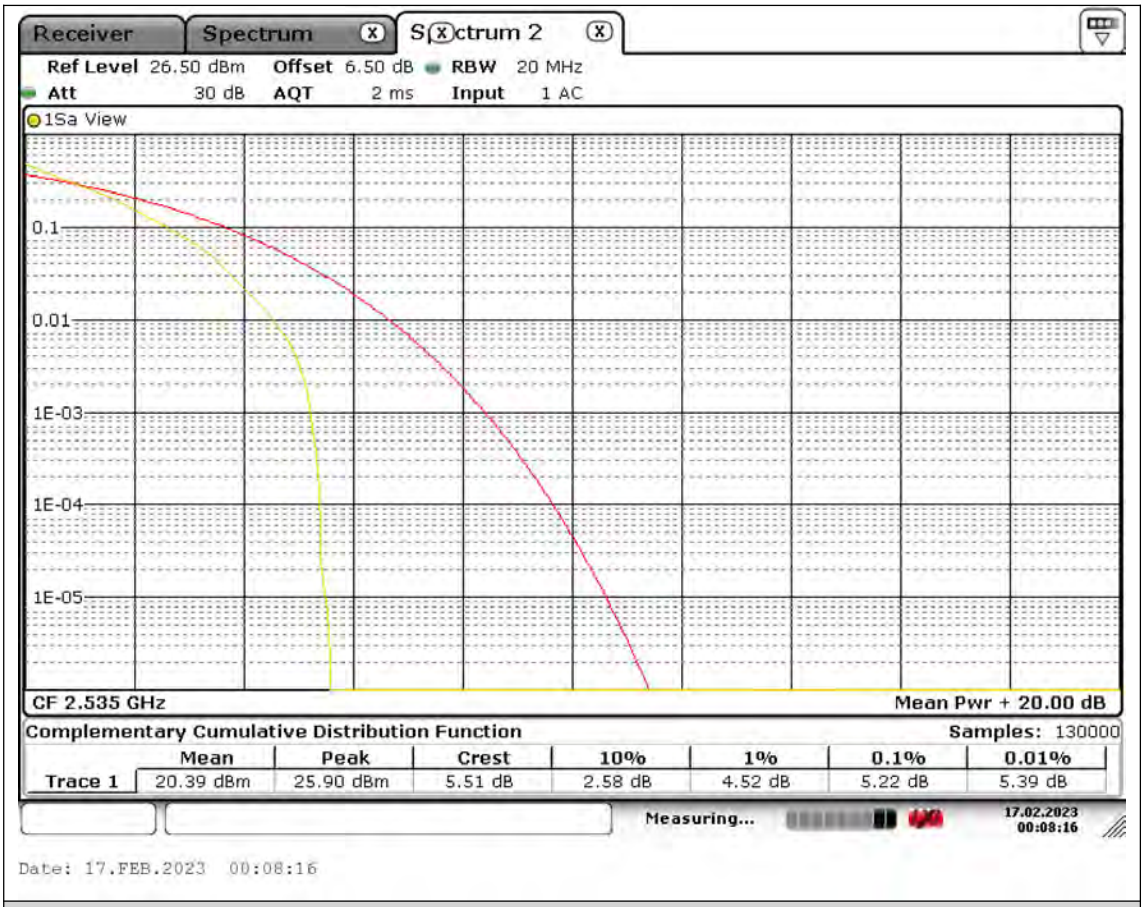
Band7-20MHz-QPSK-20850-1RB#0



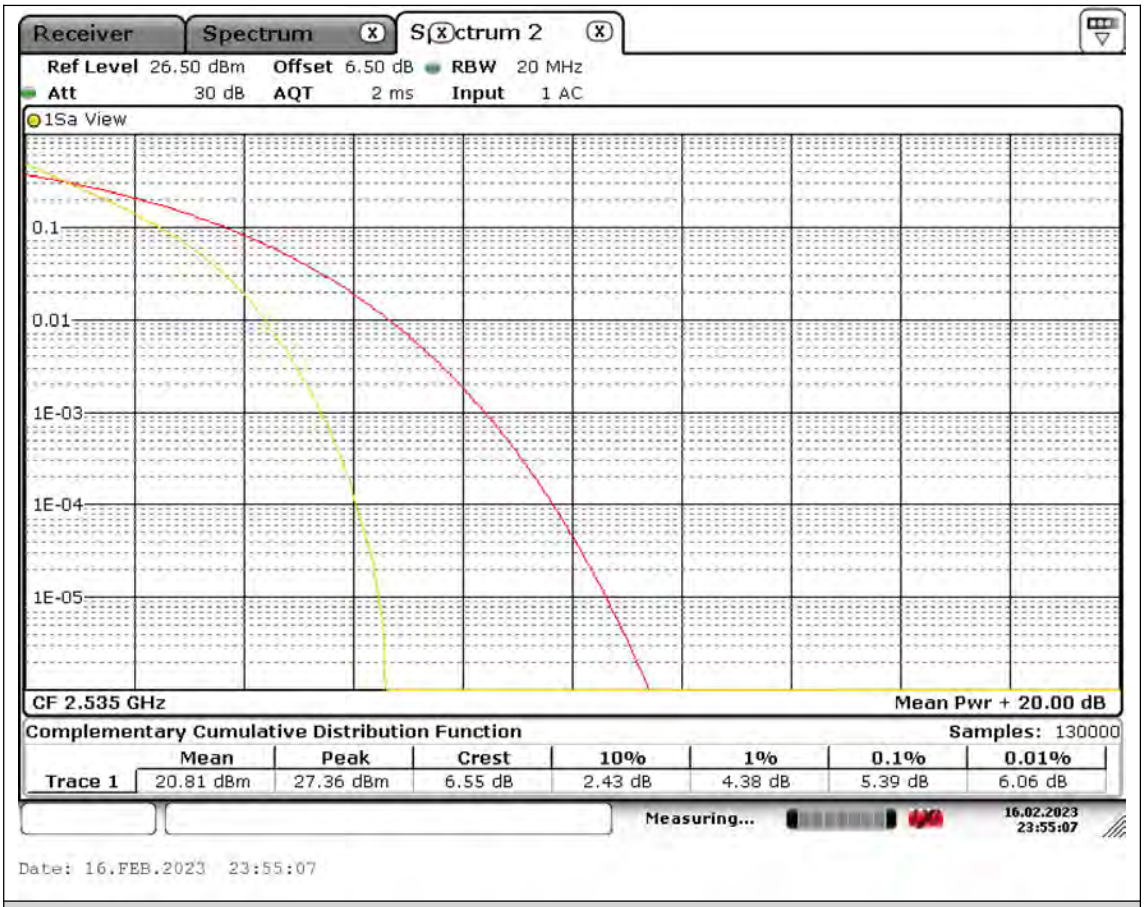

Band7-20MHz-QPSK-20850-100RB#0



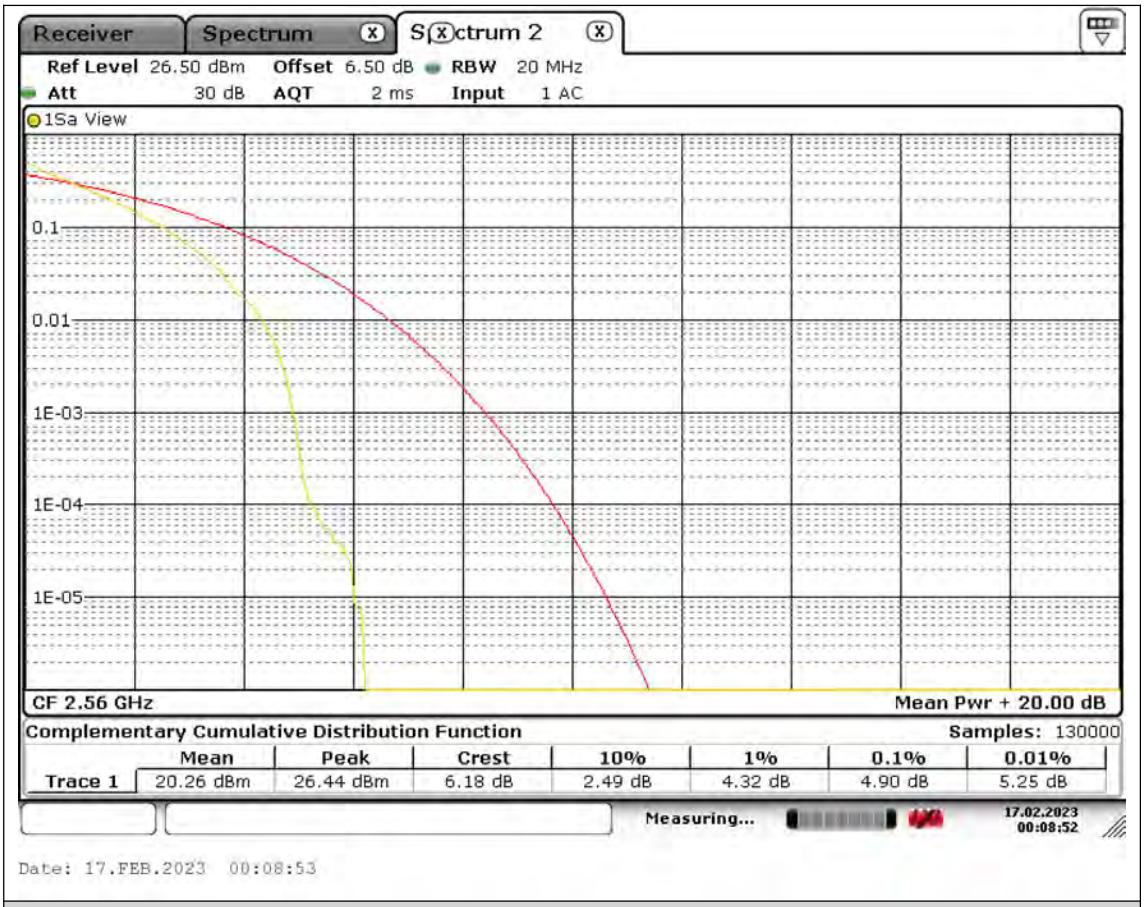

Band7-20MHz-QPSK-21100-1RB#0




Band7-20MHz-QPSK-21100-100RB#0




Band7-20MHz-QPSK-21350-1RB#0

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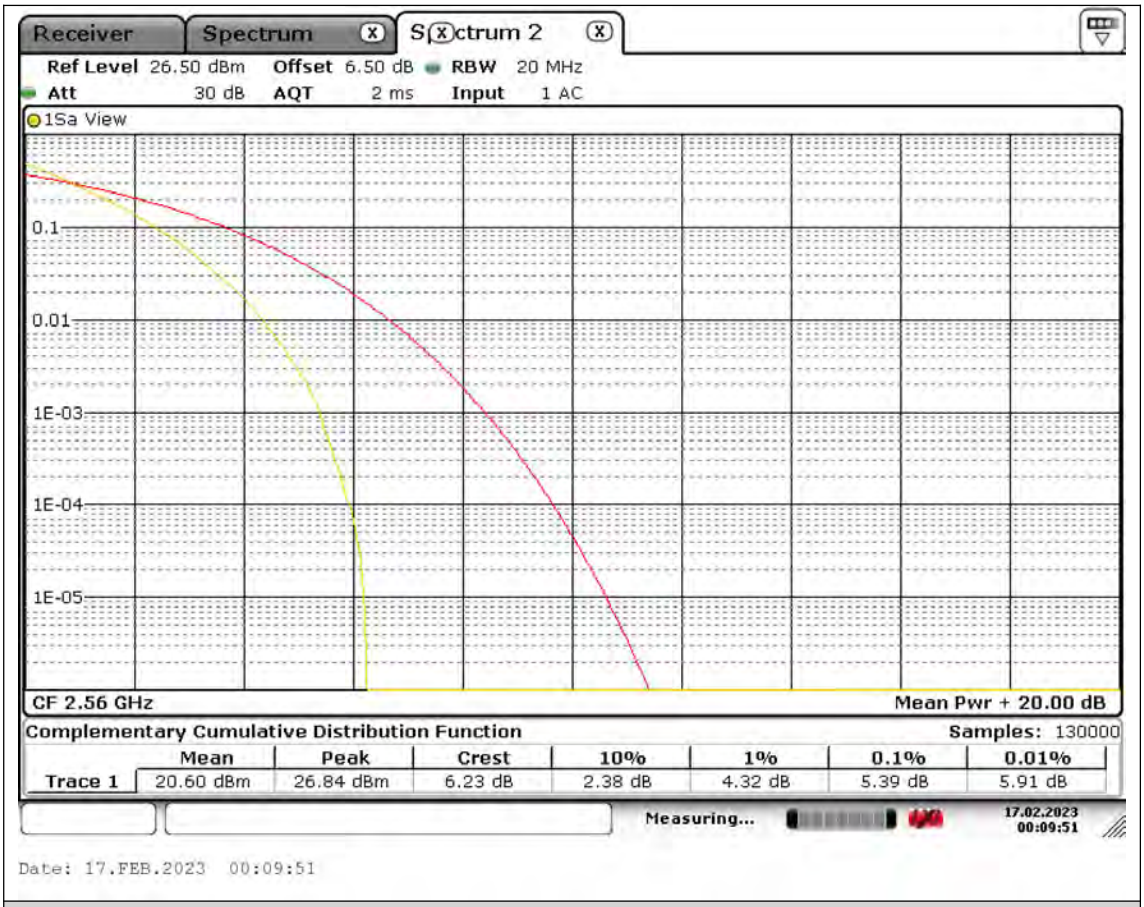
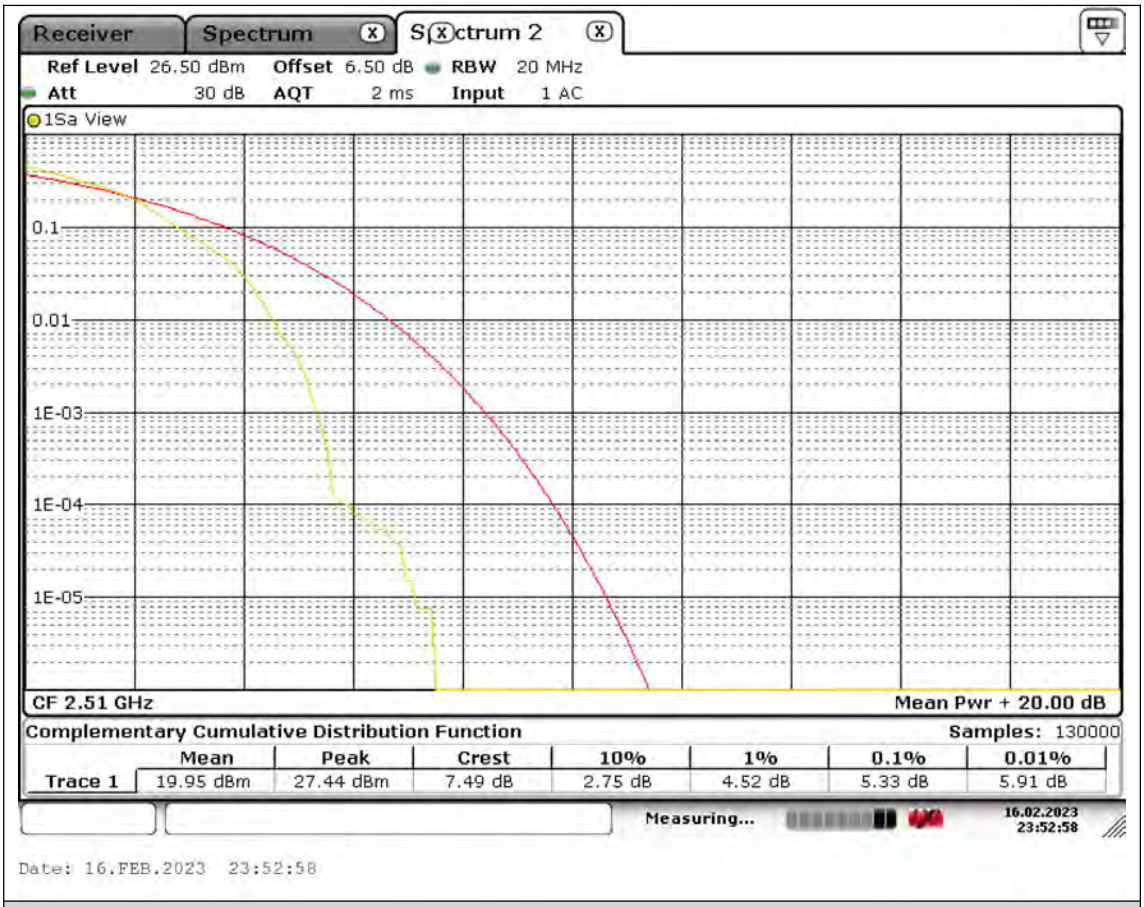



Band7-20MHz-16QAM-20850-1RB#0

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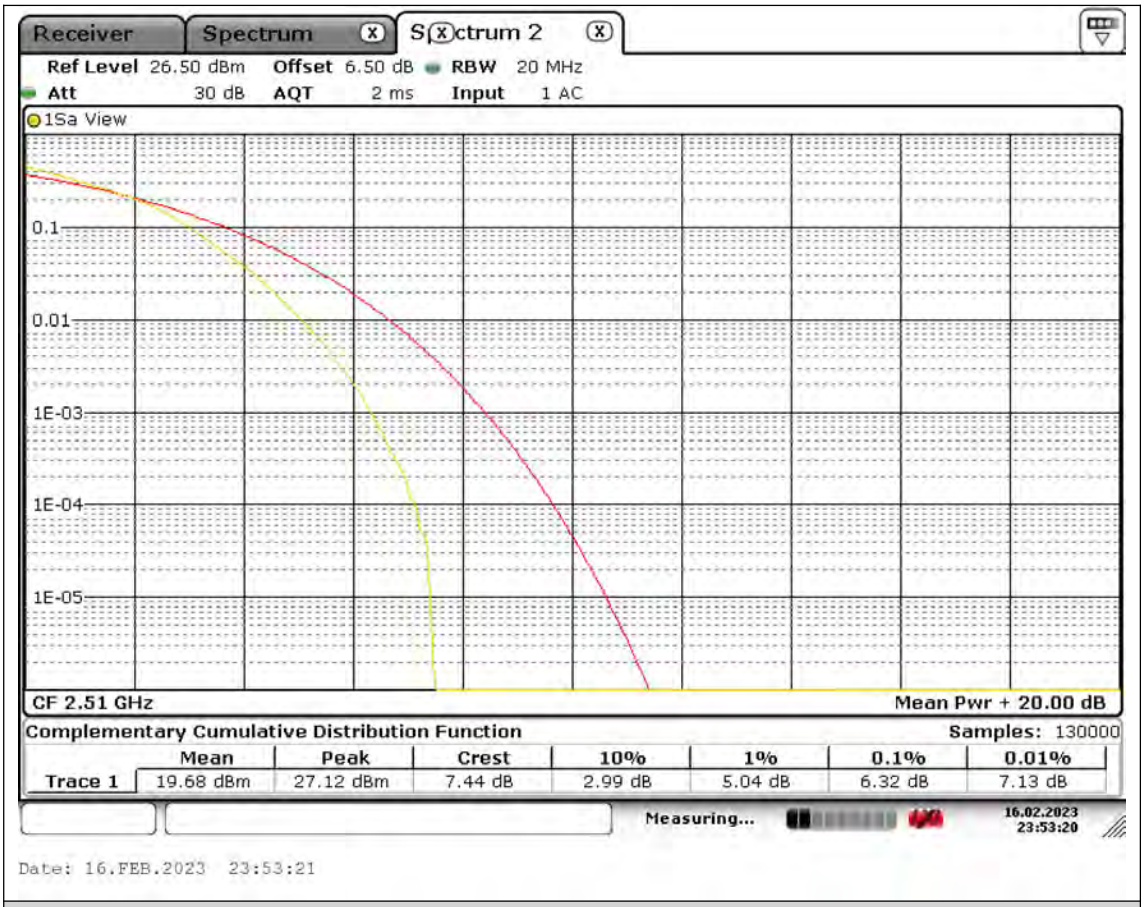


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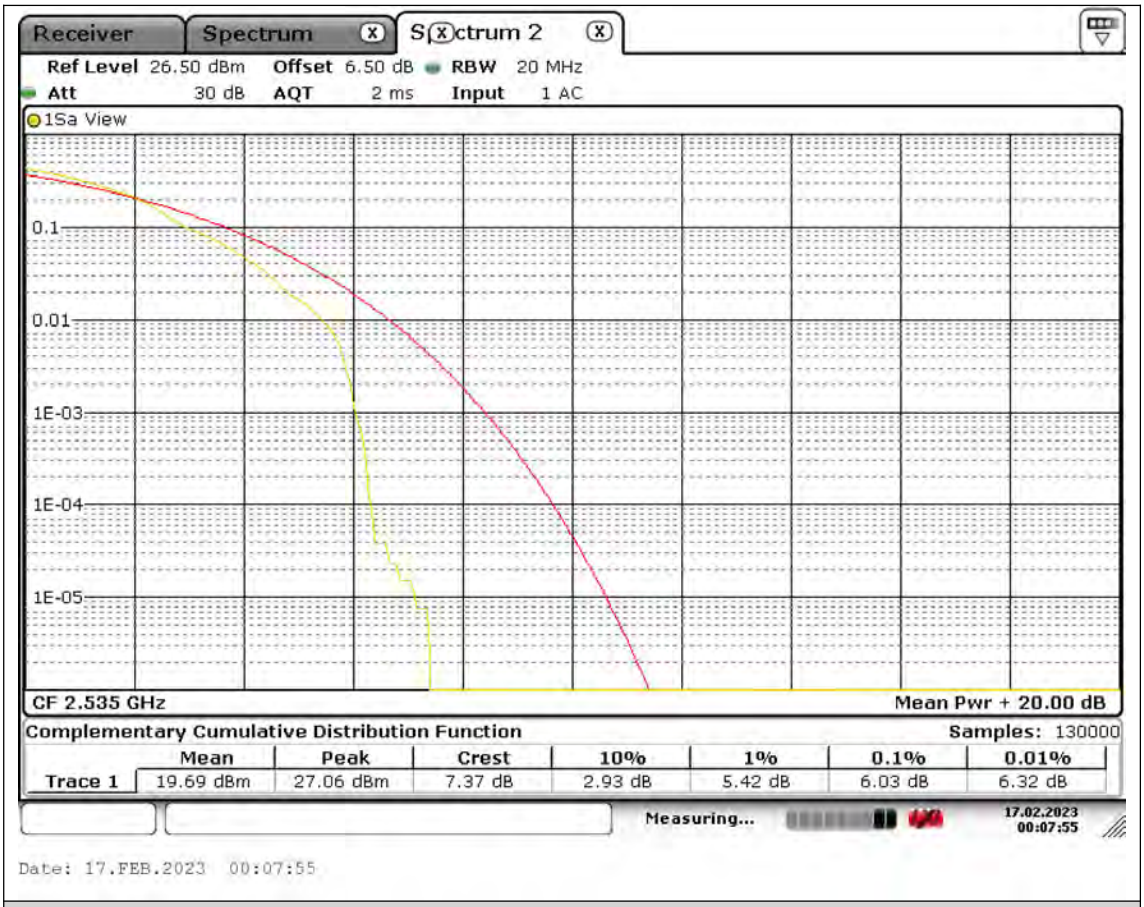
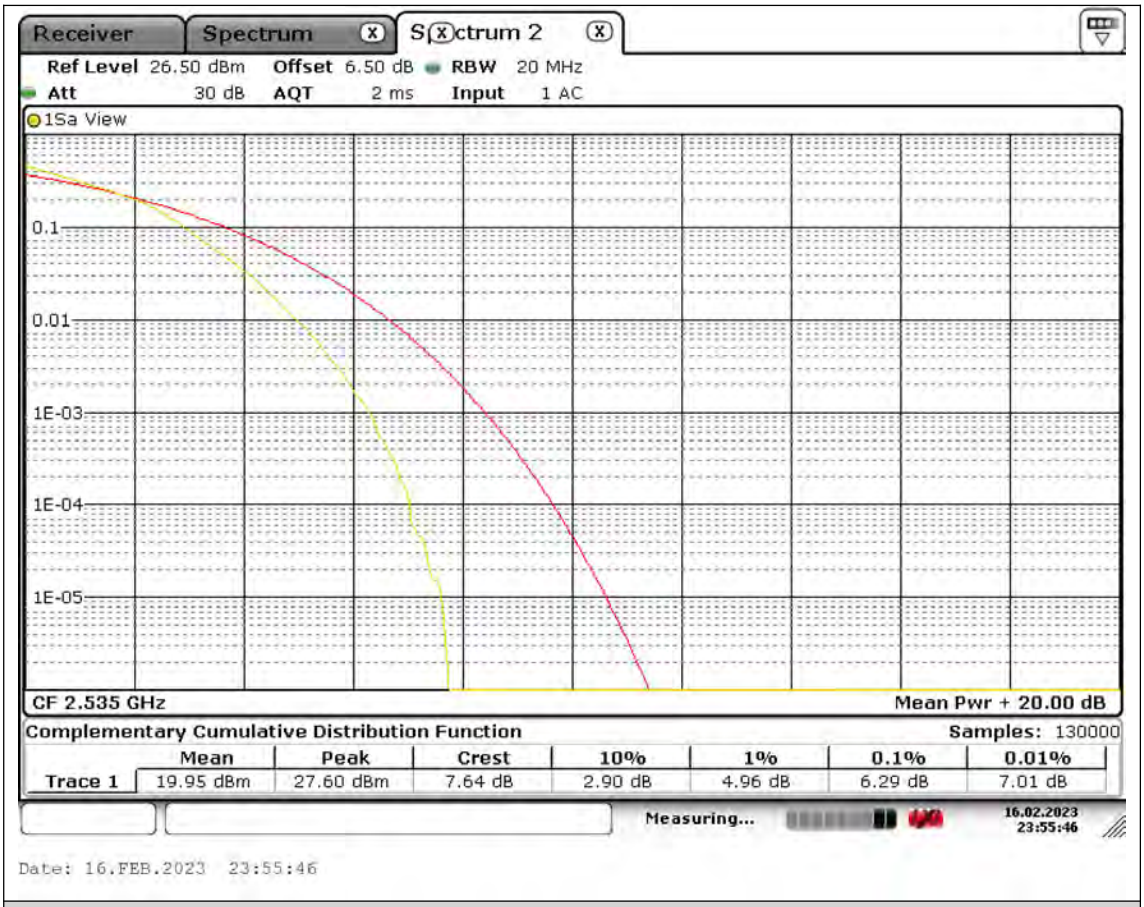
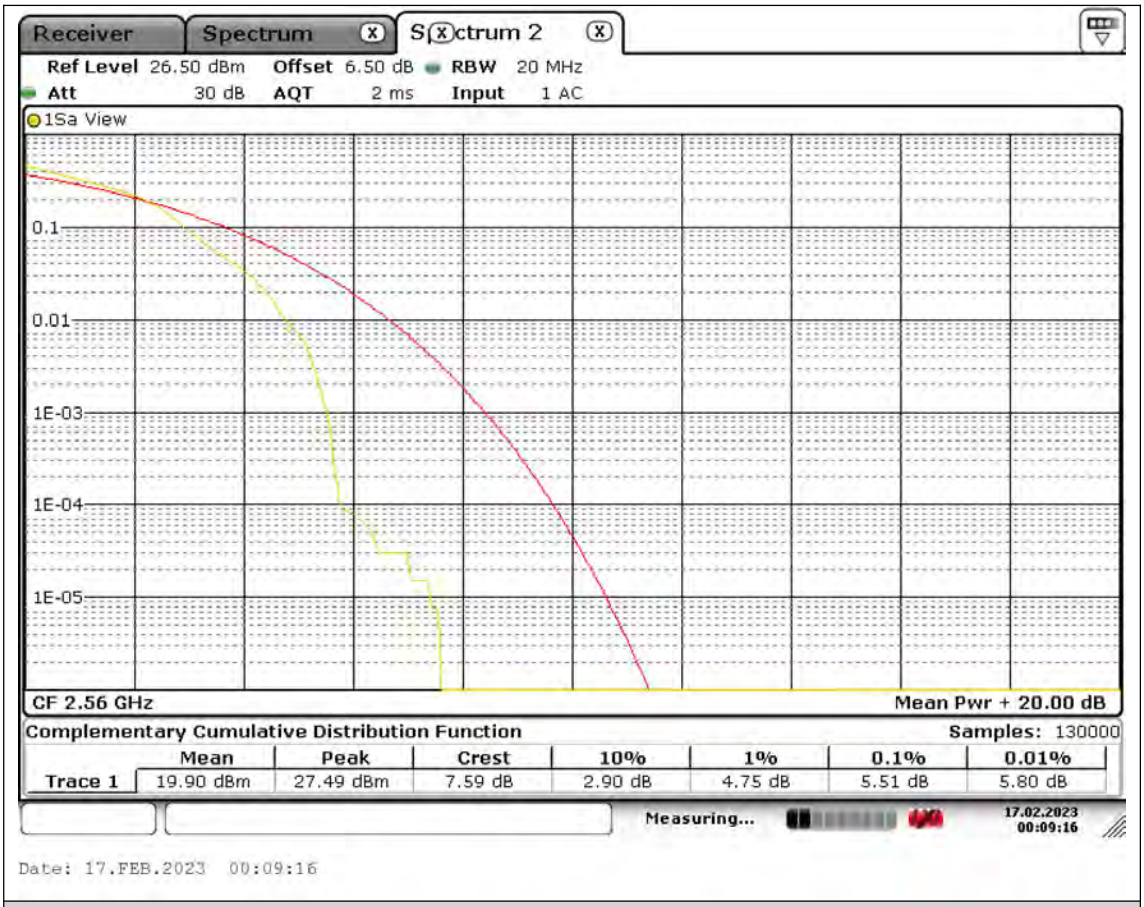


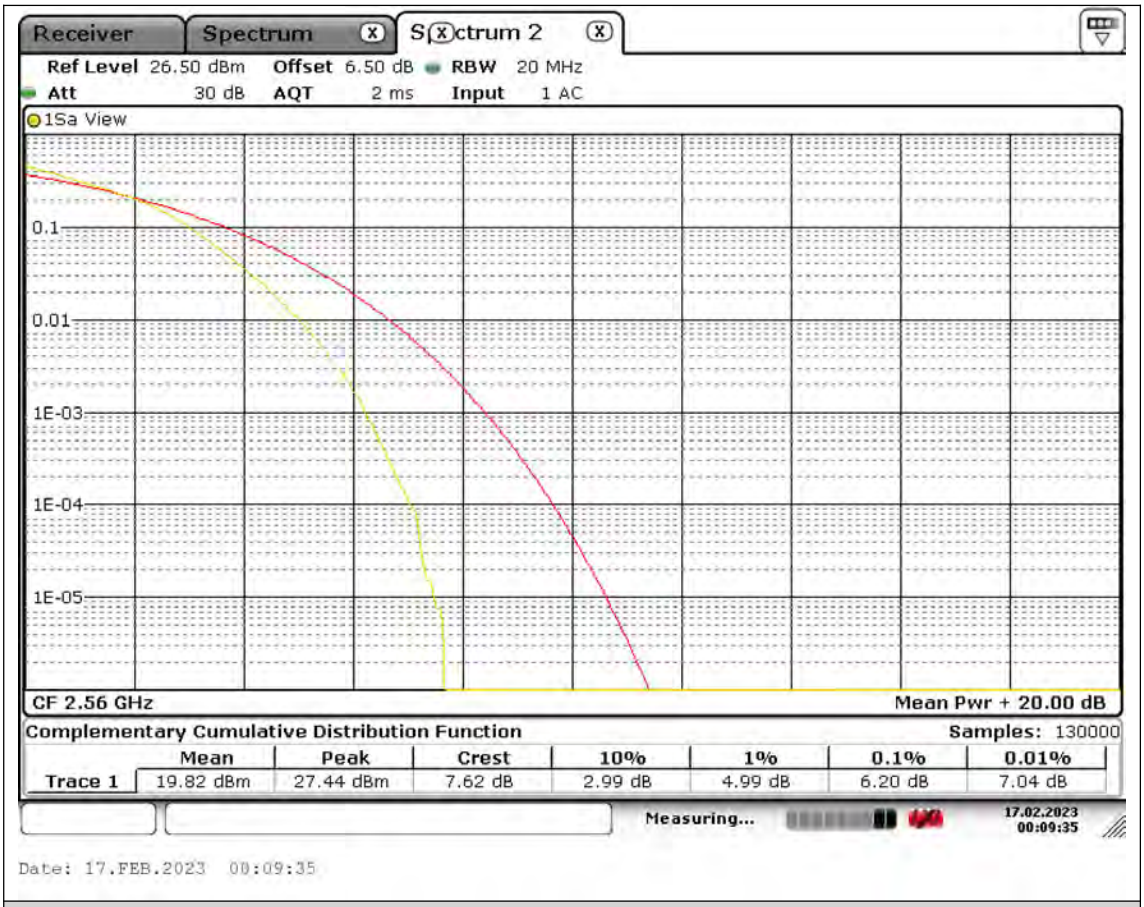

Band7-20MHz-16QAM-21100-100RB#0



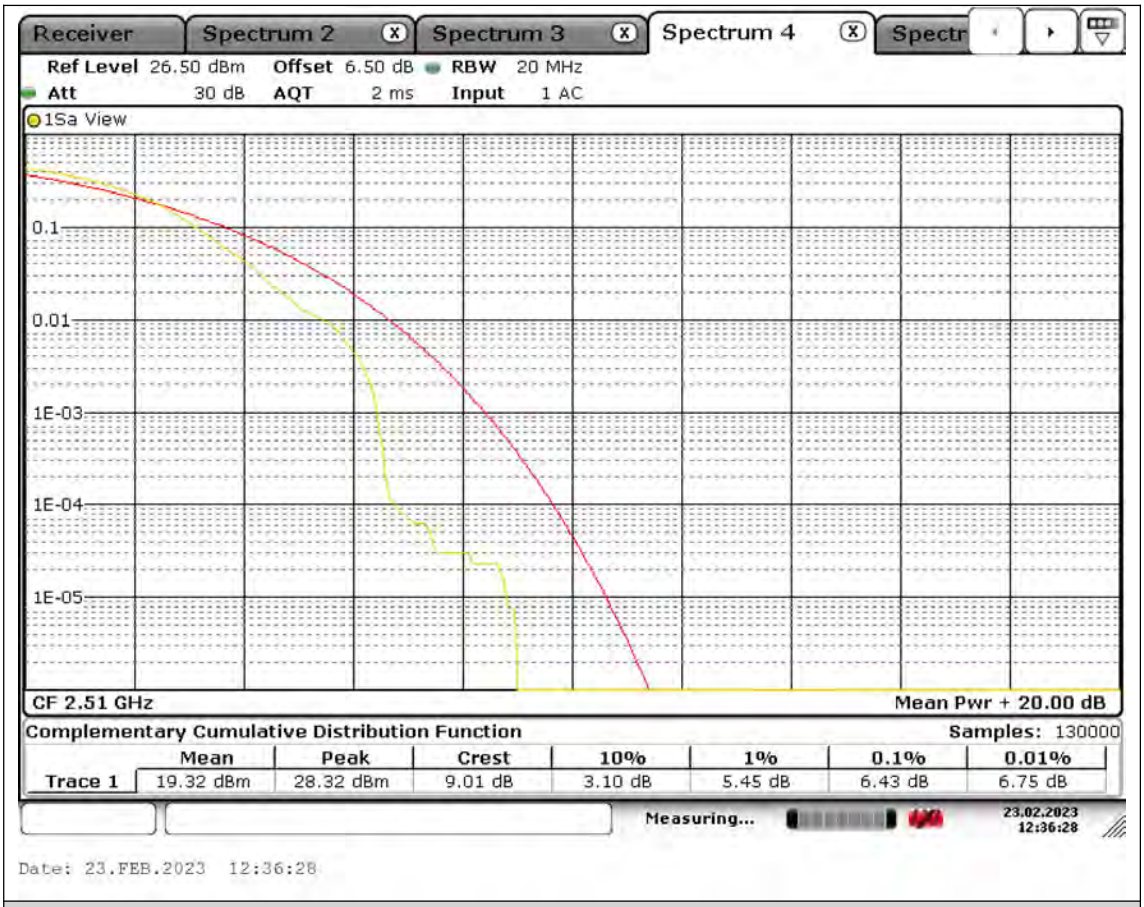

Band7-20MHz-16QAM-21350-1RB#0



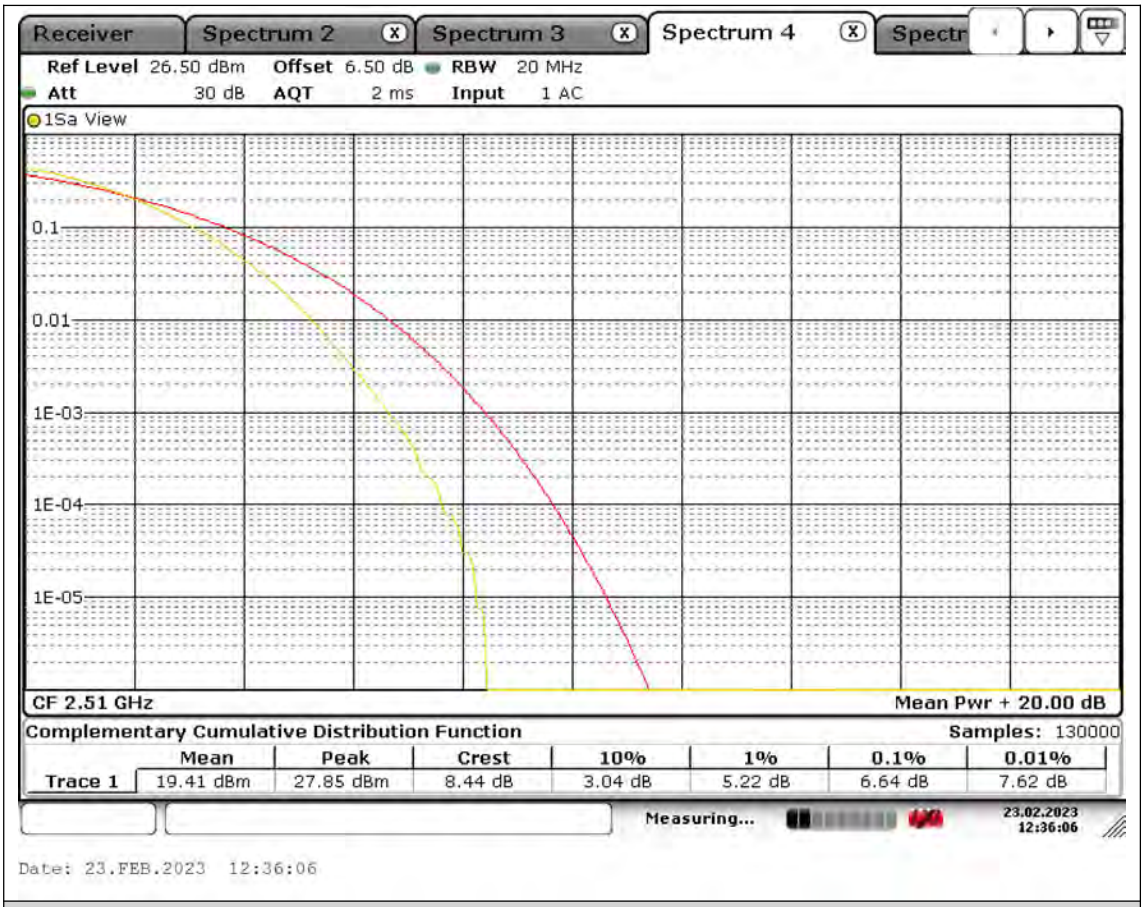

Band7-20MHz-16QAM-21350-100RB#0



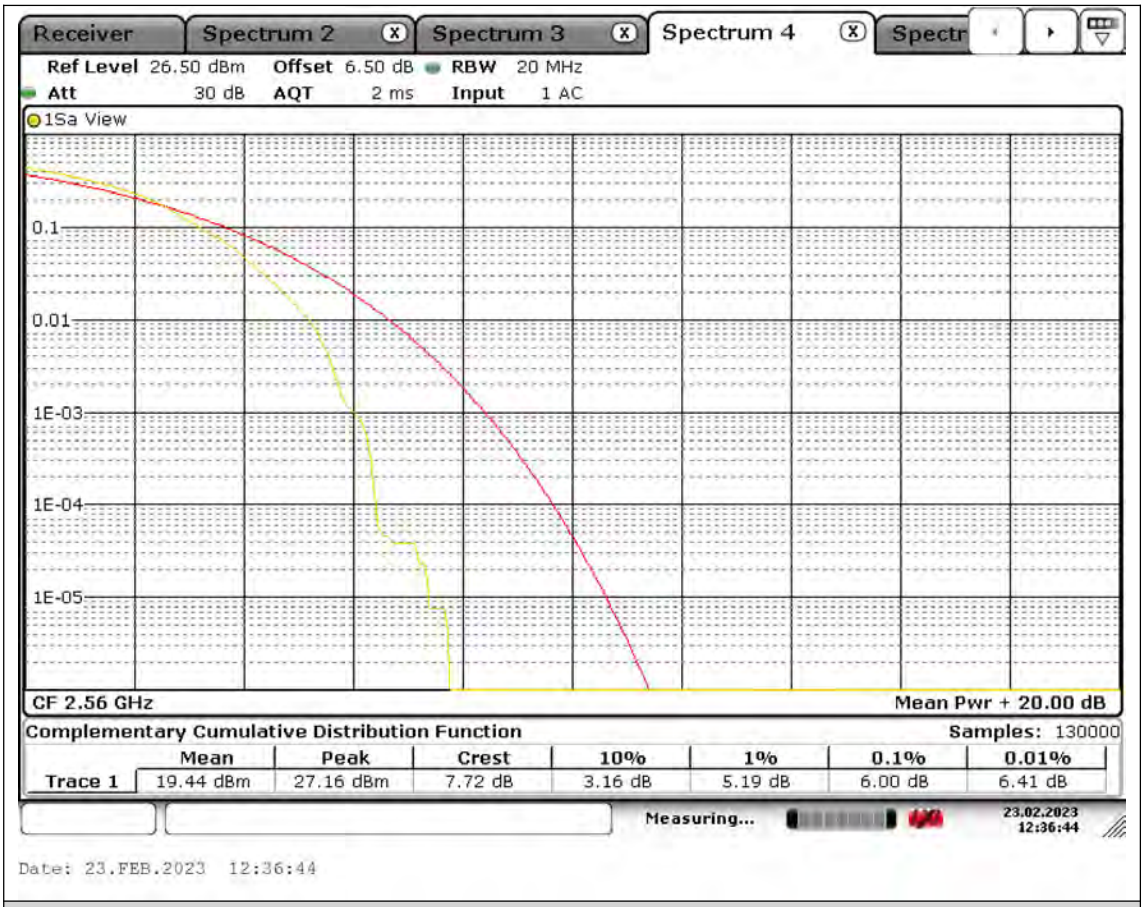

Band7-20MHz-64QAM-20850-1RB#0



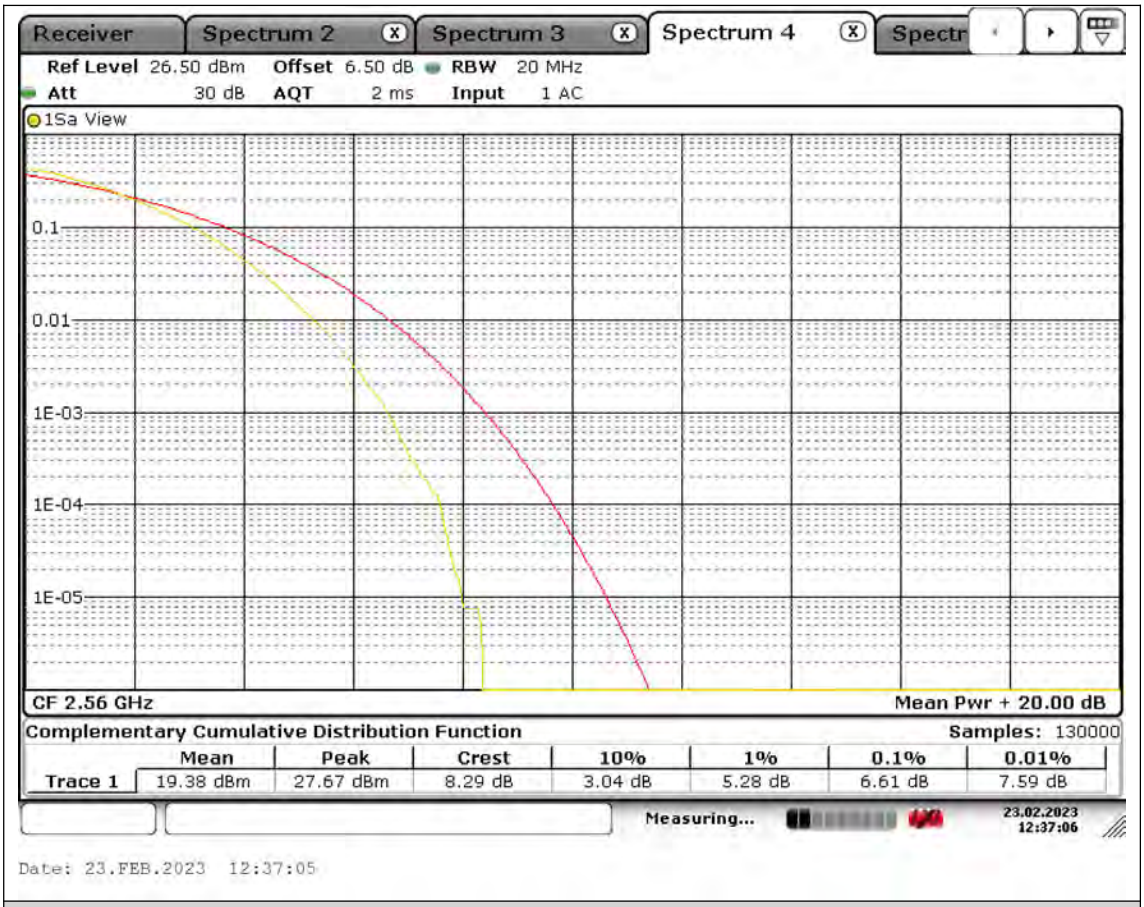

Band7-20MHz-64QAM-20850-100RB#0



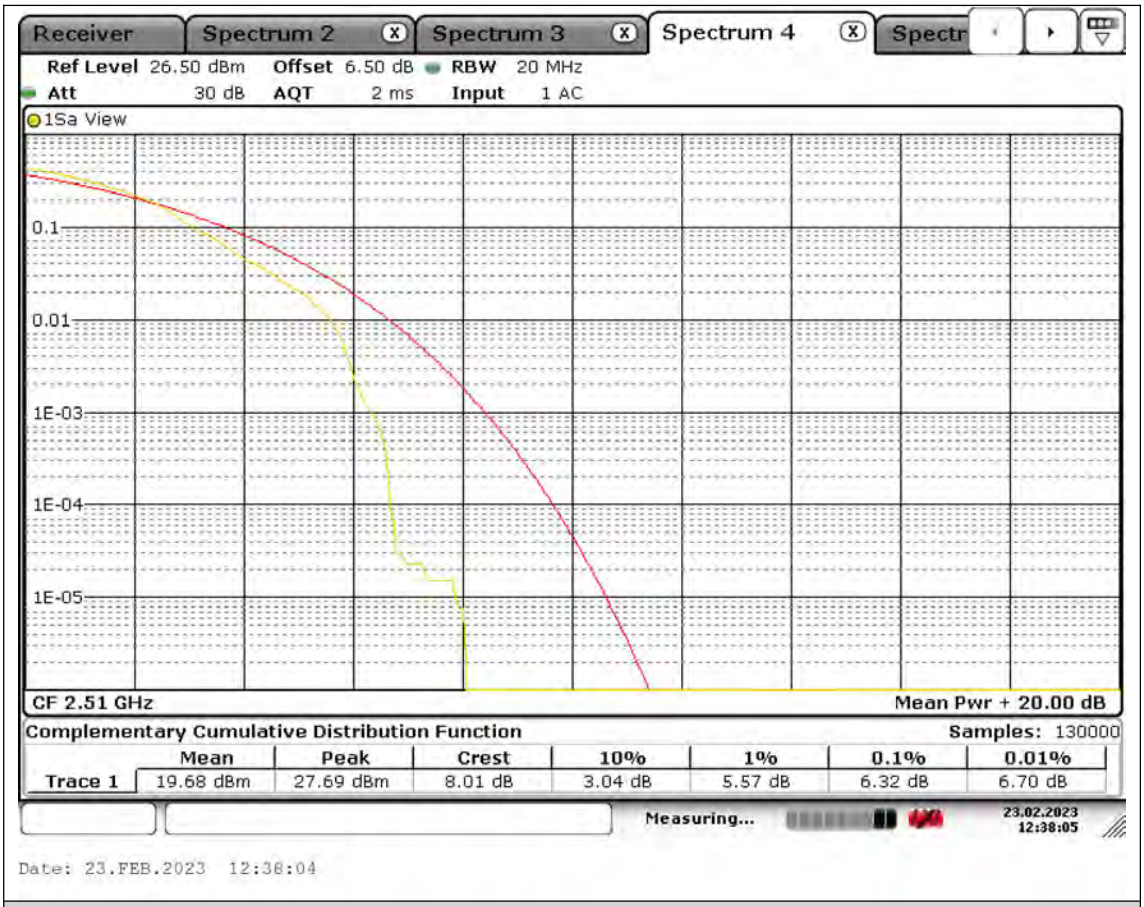

Band7-20MHz-64QAM-21100-1RB#0



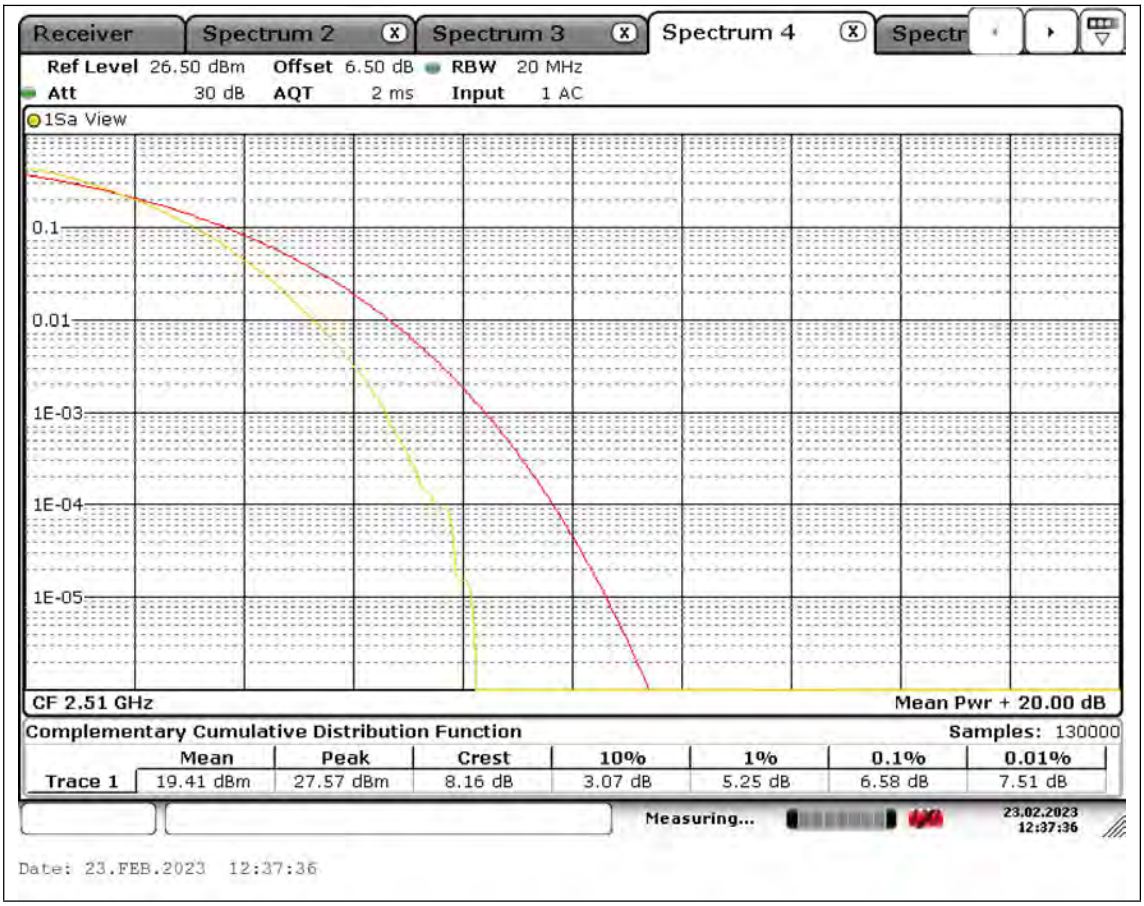

Band7-20MHz-64QAM-21100-100RB#0




Band7-20MHz-64QAM-21350-1RB#0




Band7-20MHz-64QAM-21350-100RB#0


Receiver
Spectrum 2
Spectrum 3
Spectrum 4
Spectr
Ref Level 26.50 dBm Offset 6.50 dB RBW 20 MHz
Att 30 dB AQT 2 ms Input 1 AC
1Sa View
0.1
0.01
1E-03
1E-04
1E-05
CF 2.51 GHz
Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function
Samples: 130000
Mean Peak Crest 10% 1% 0.1% 0.01%
Trace 1 19.41 dBm 27.57 dBm 8.16 dB 3.07 dB 5.25 dB 6.58 dB 7.51 dB
Measuring...
23.02.2023
12:37:36
Date: 23.FEB.2023 12:37:36

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

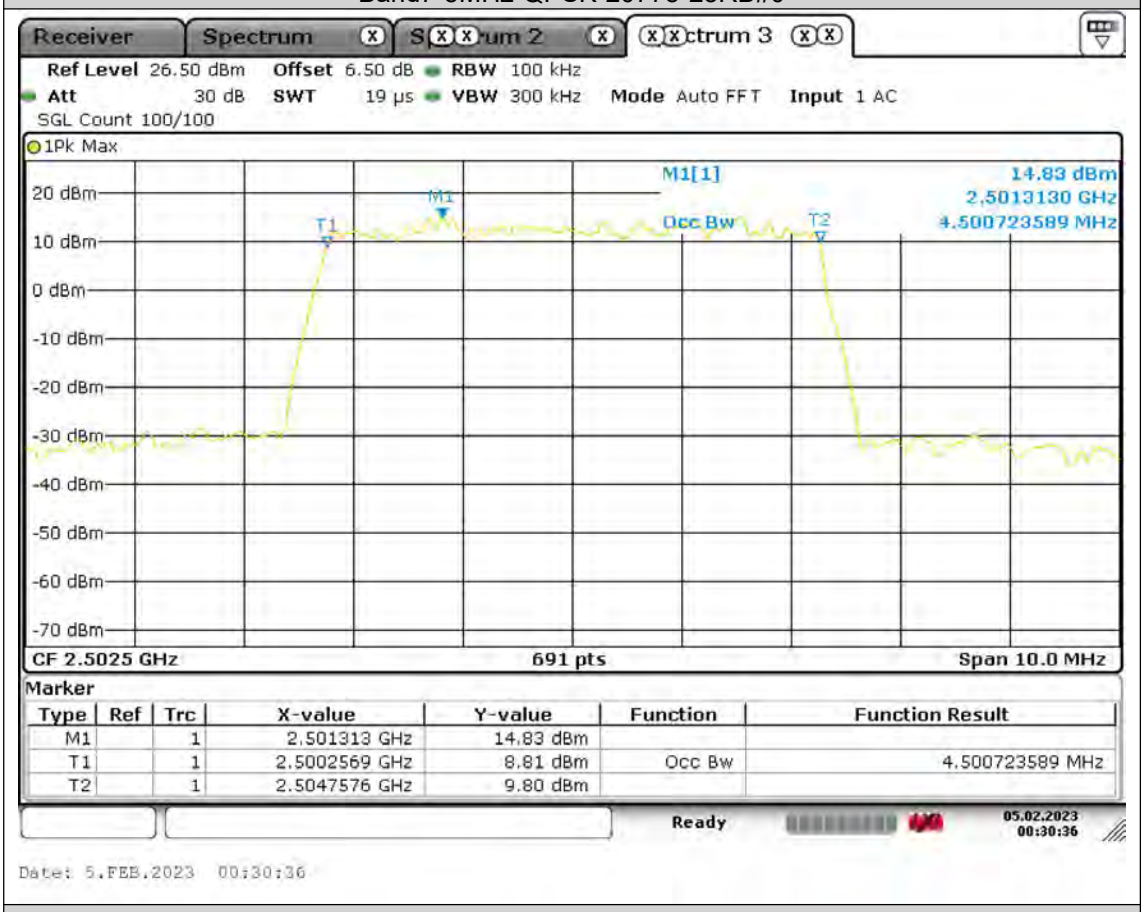
### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 4.501 | 4.935 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 4.486 | 4.920 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 4.530 | 4.935 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 4.501 | 4.964 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 4.486 | 4.906 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 4.486 | 4.877 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 9.088 | 10.014 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 9.088 | 10.072 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 8.973 | 9.812 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 9.030 | 9.754 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 8.973 | 9.841 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 9.001 | 9.928 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 13.502 | 14.414 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 13.415 | 14.457 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 13.502 | 14.935 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 13.459 | 14.414 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 13.459 | 14.674 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 13.459 | 14.805 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 18.292 | 20.145 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 18.466 | 20.376 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 18.524 | 20.26 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 18.466 | 20.145 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 18.408 | 20.492 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 18.466 | 20.029 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 4.486 | 4.891 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 4.515 | 4.920 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 4.486 | 4.978 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 9.088 | 9.754 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 9.117 | 9.725 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 9.030 | 10.043 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 13.372 | 14.327 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 13.502 | 14.631 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 13.459 | 14.631 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 18.292 | 20.260 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 18.408 | 20.260 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 18.350 | 20.550 | PASS |

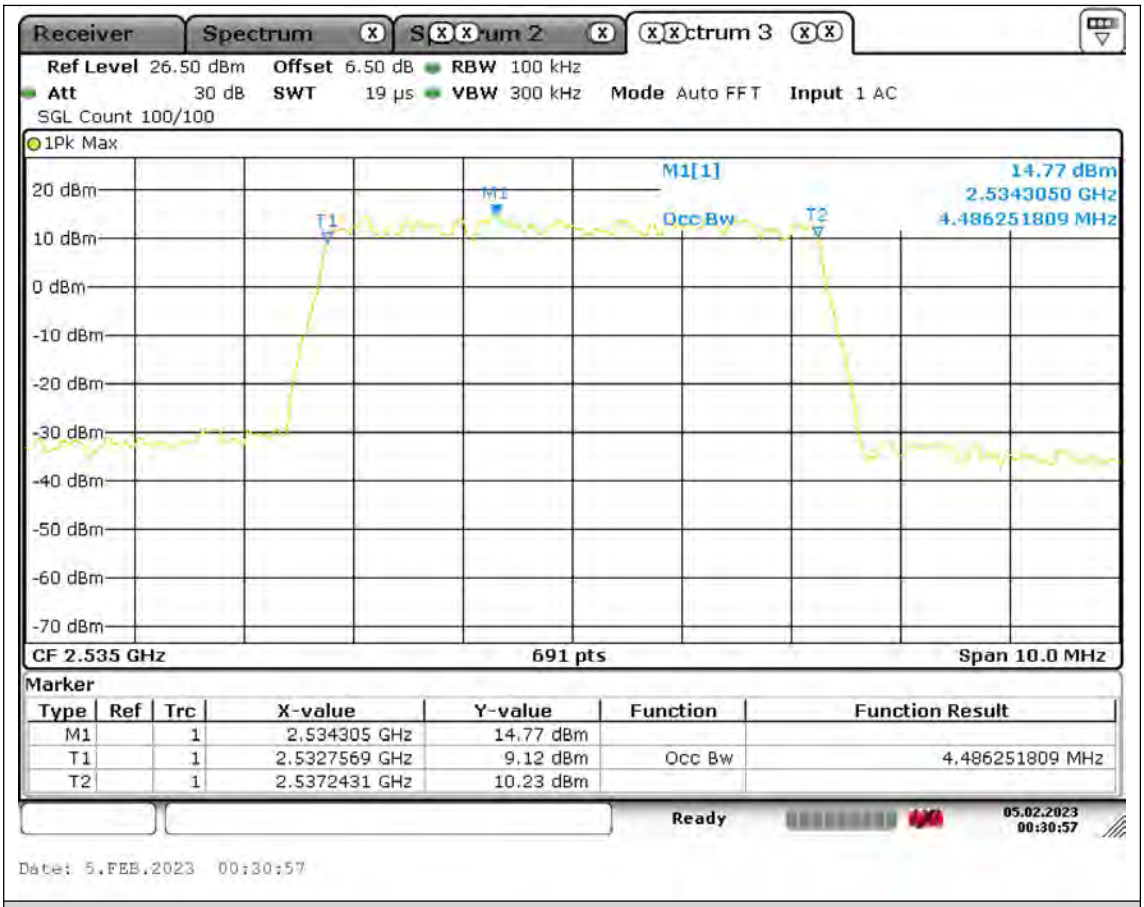
## Test Graphs

Occupied Bandwidth

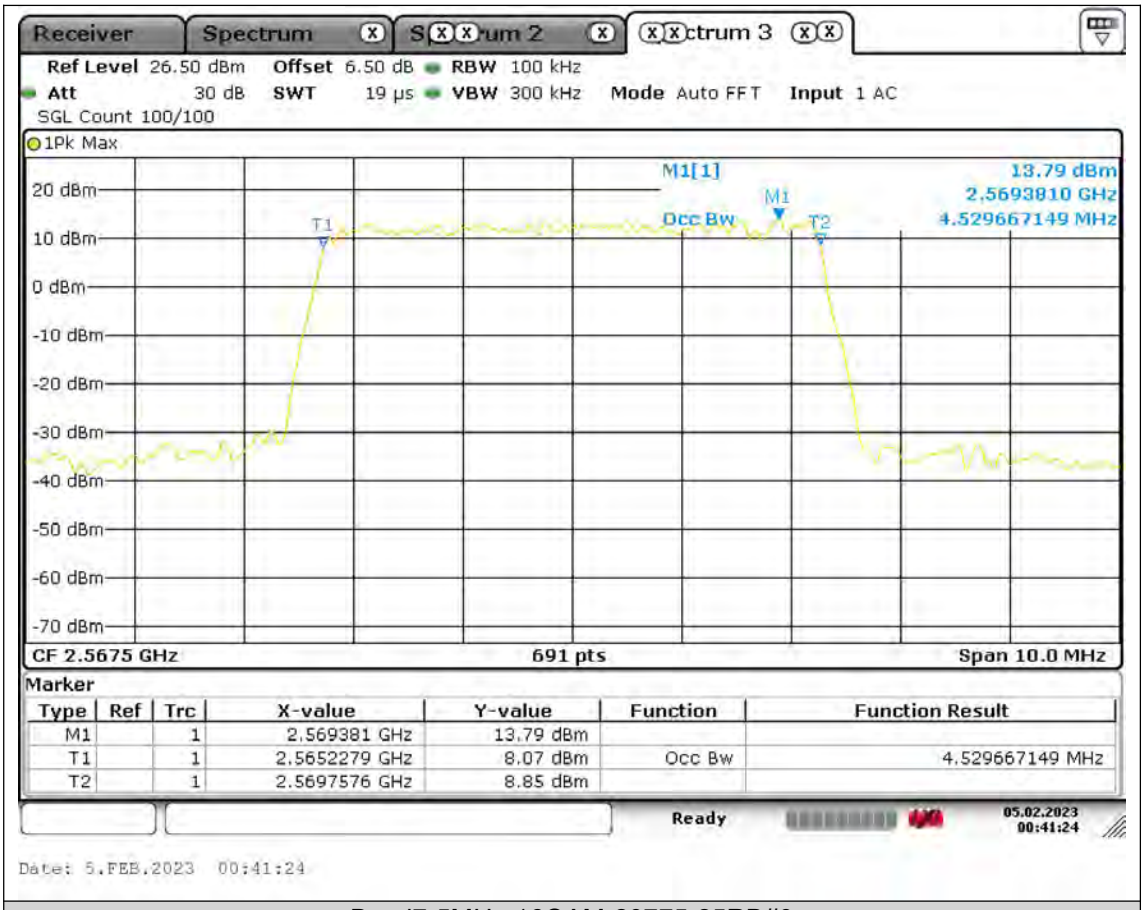
Band7-5MHz-QPSK-20775-25RB#0



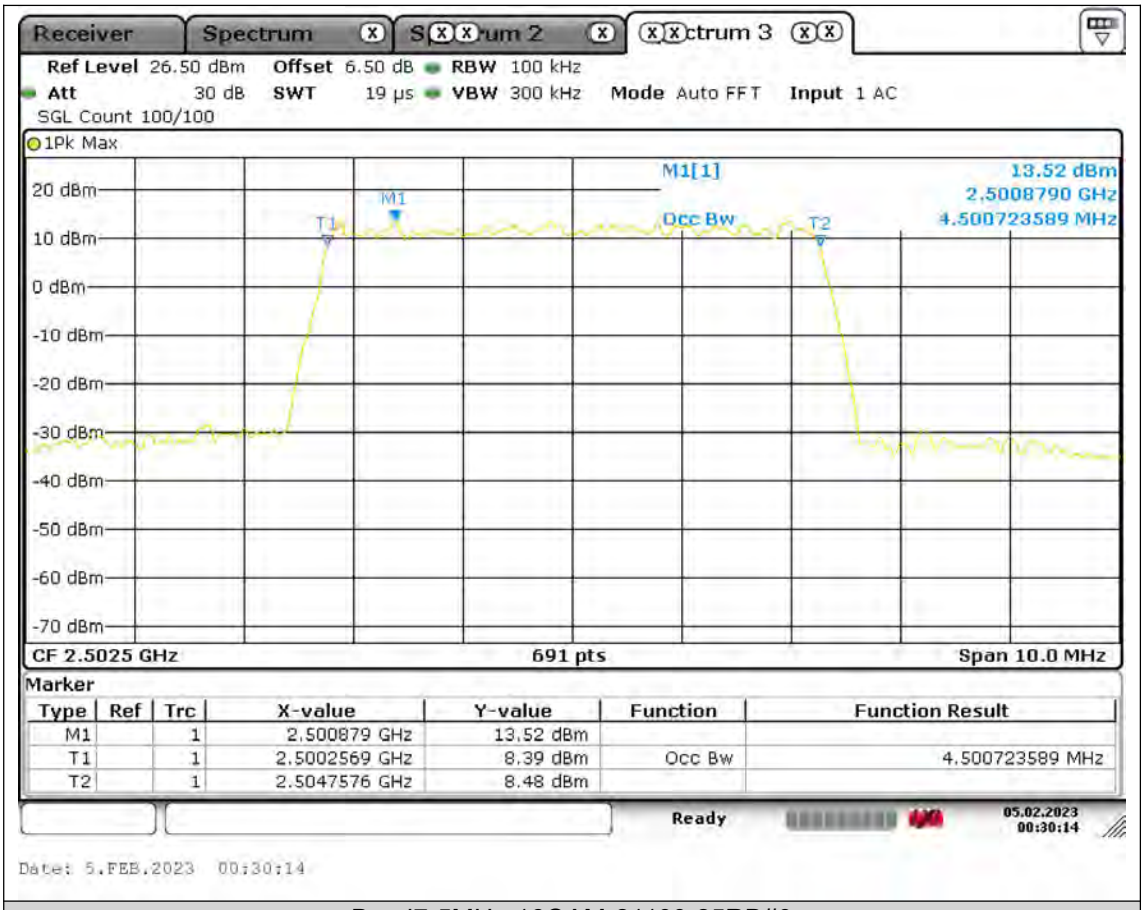

Band7-5MHz-QPSK-21100-25RB#0




Band7-5MHz-QPSK-21425-25RB#0




Band7-5MHz-16QAM-20775-25RB#0

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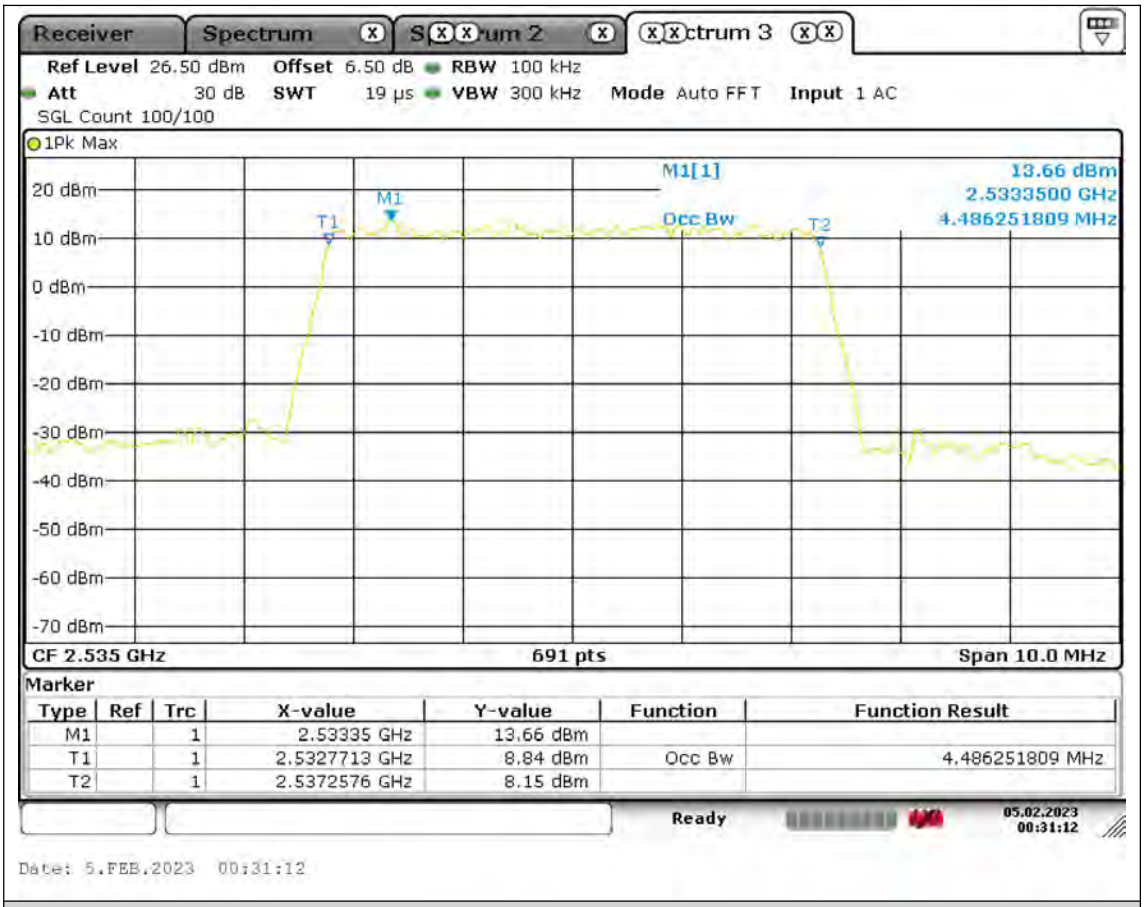
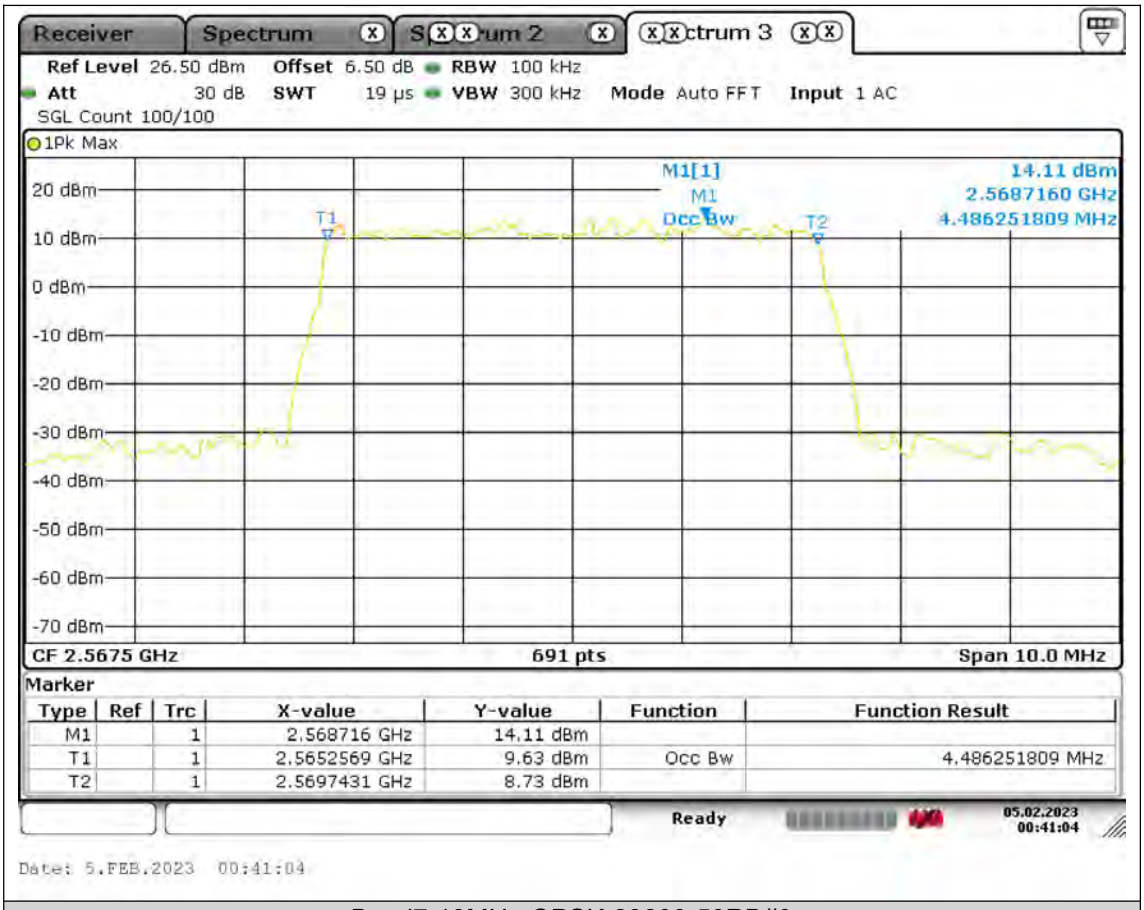
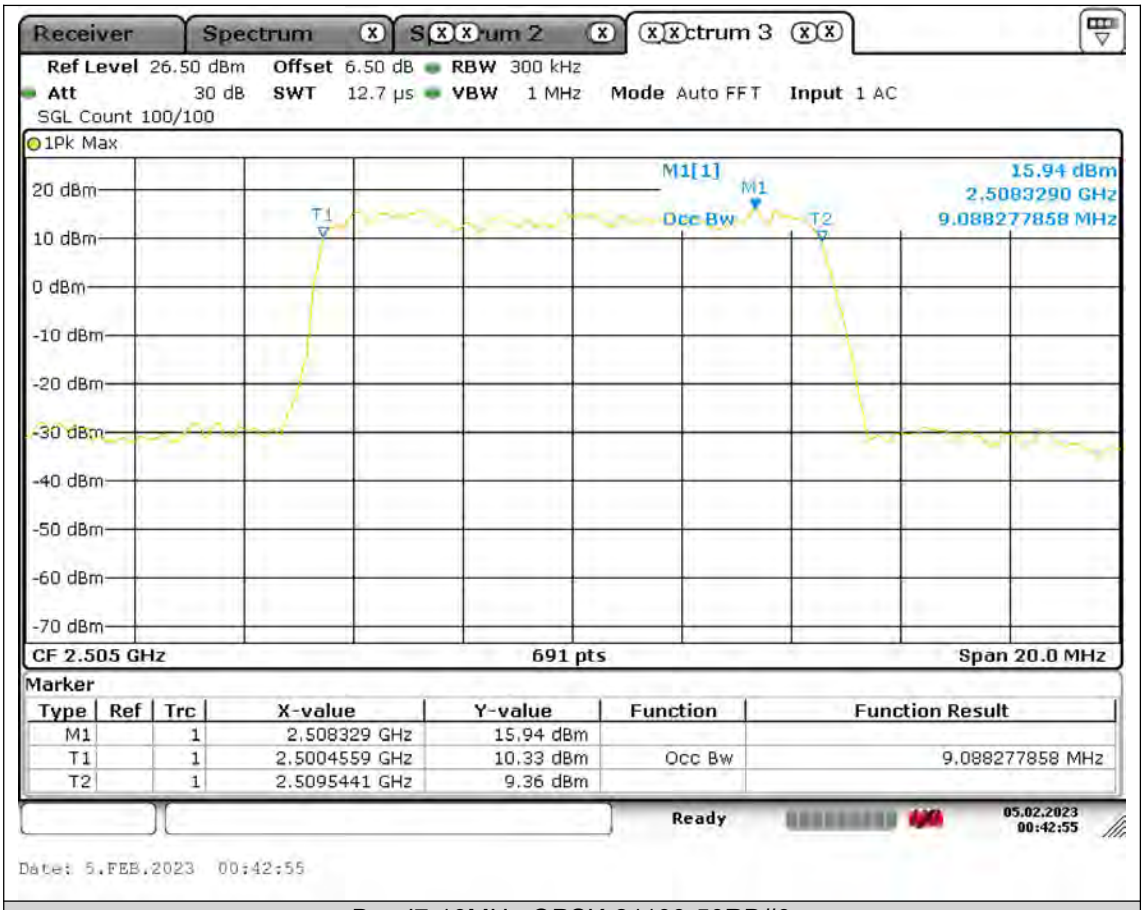


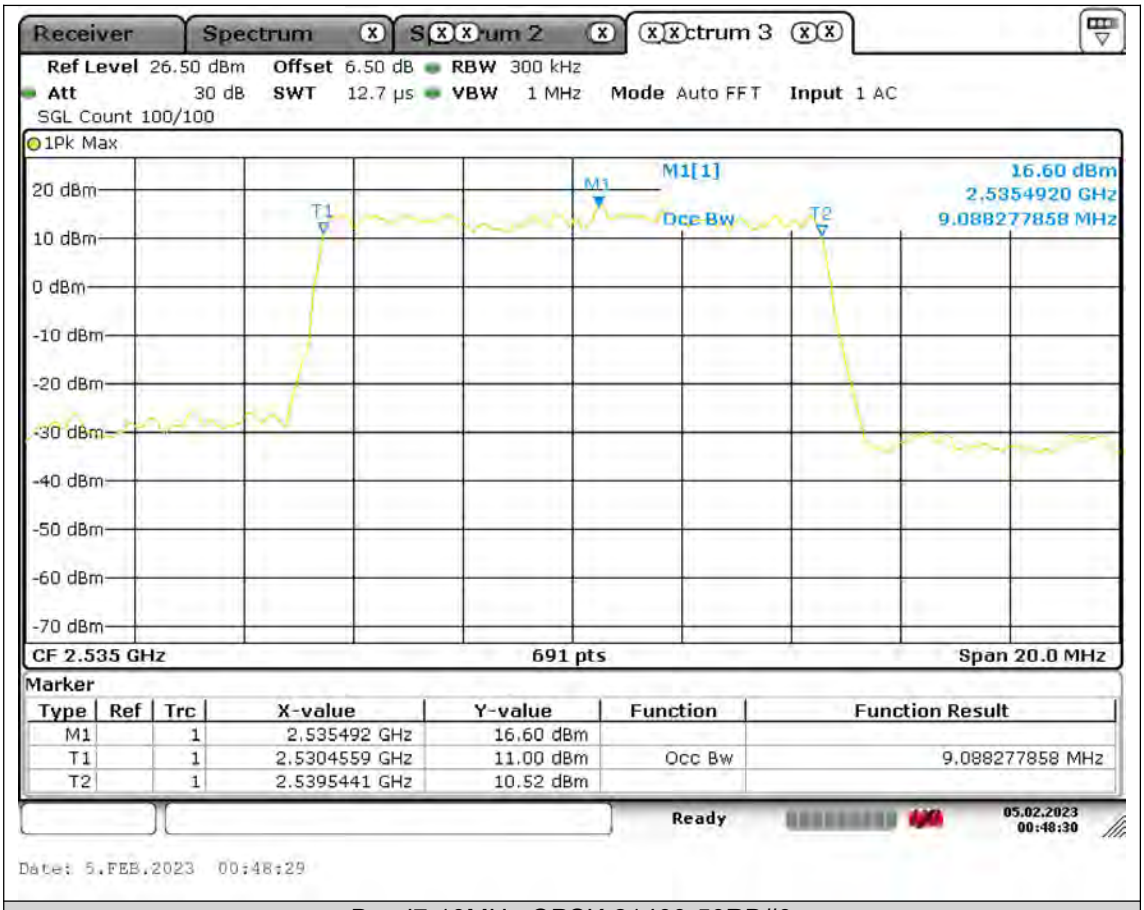

Band7-5MHz-16QAM-21425-25RB#0



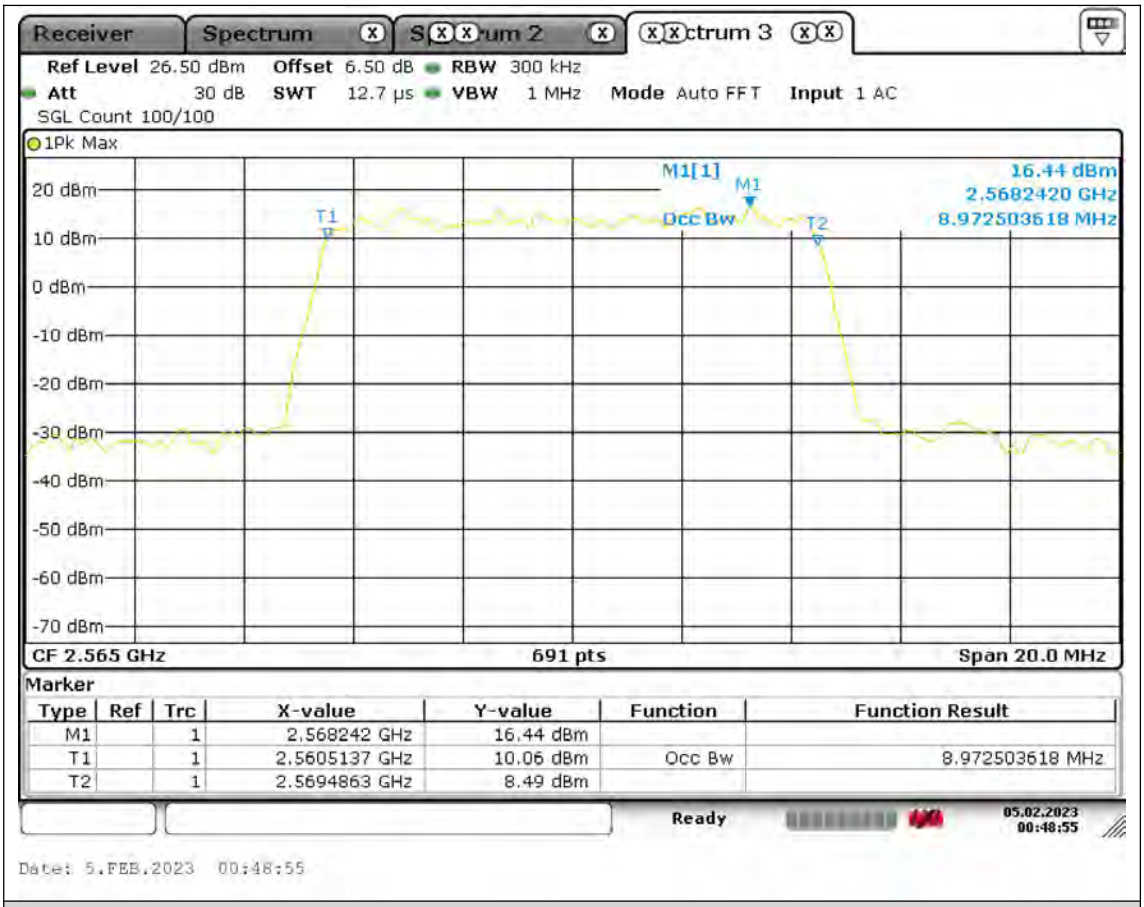

Band7-10MHz-QPSK-20800-50RB#0



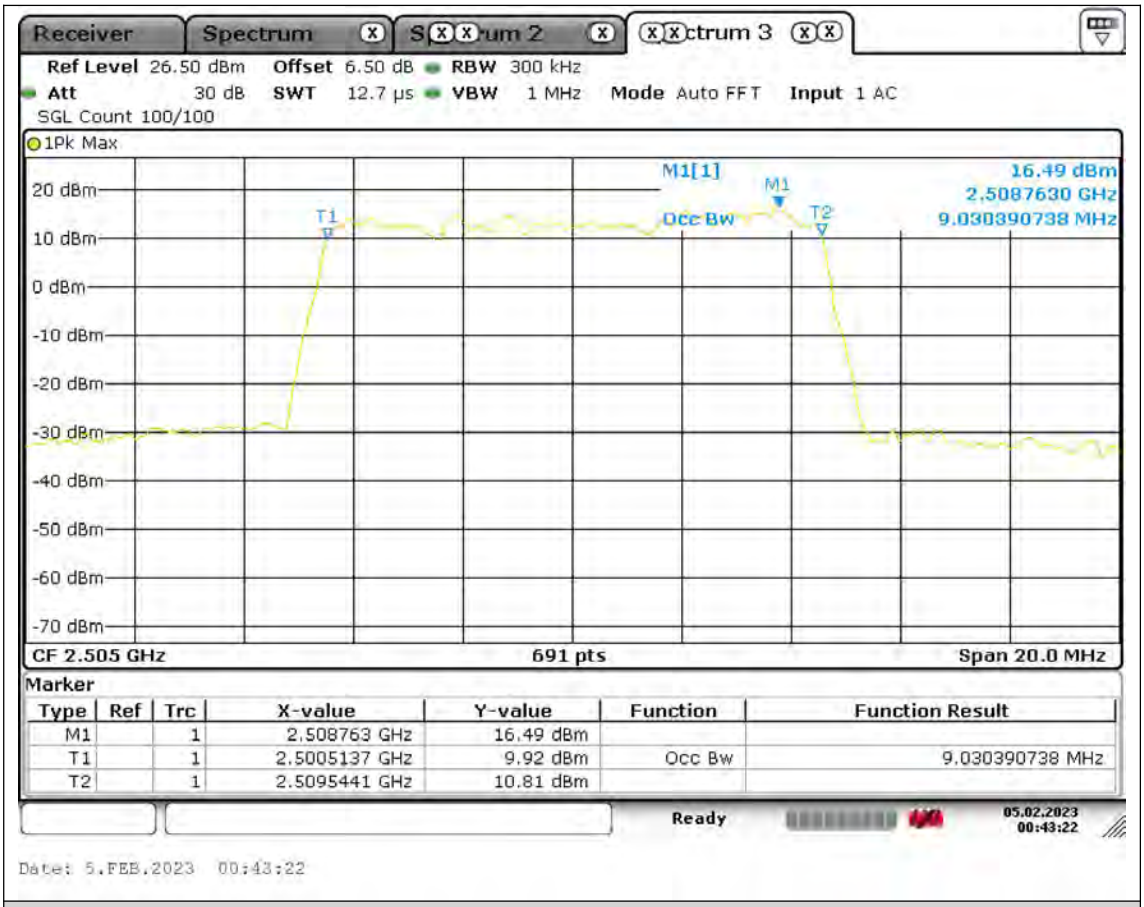

Band7-10MHz-QPSK-21100-50RB#0



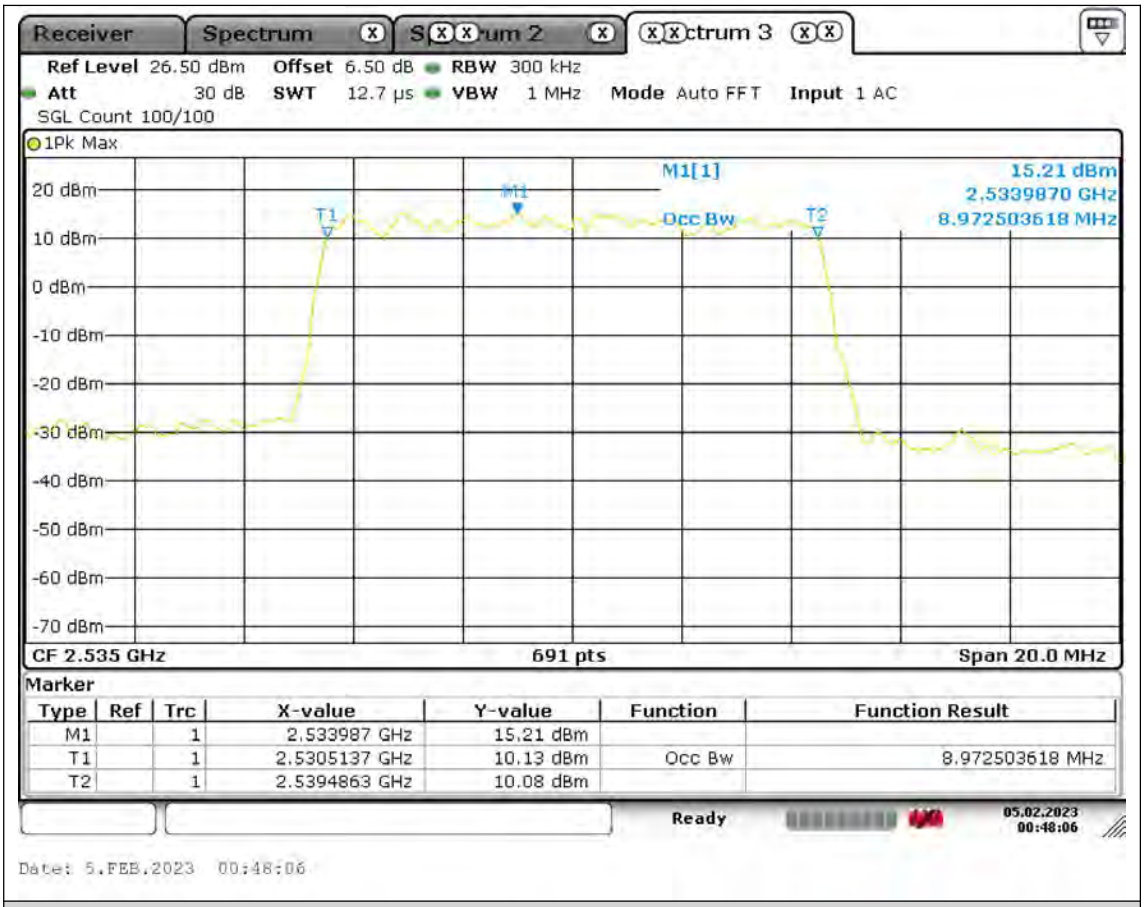

Band7-10MHz-QPSK-21400-50RB#0



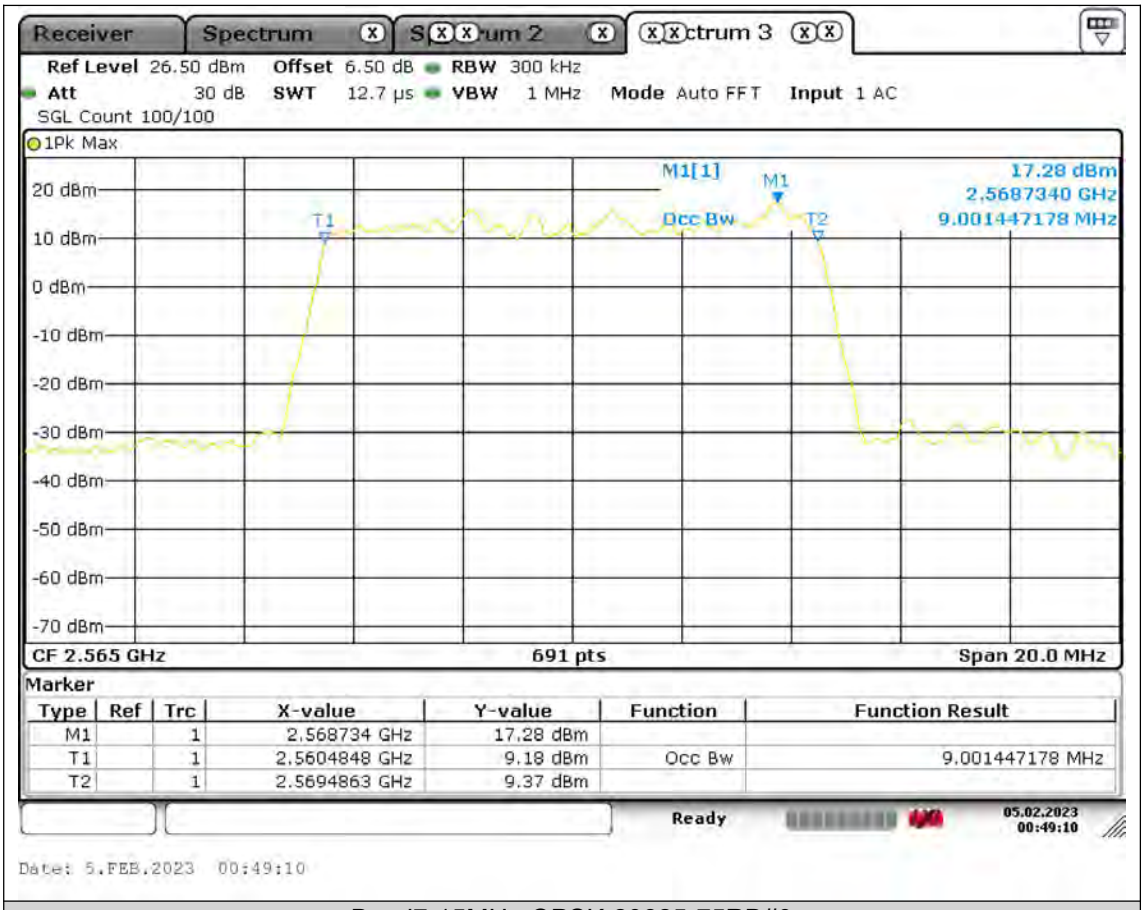

Band7-10MHz-16QAM-20800-50RB#0



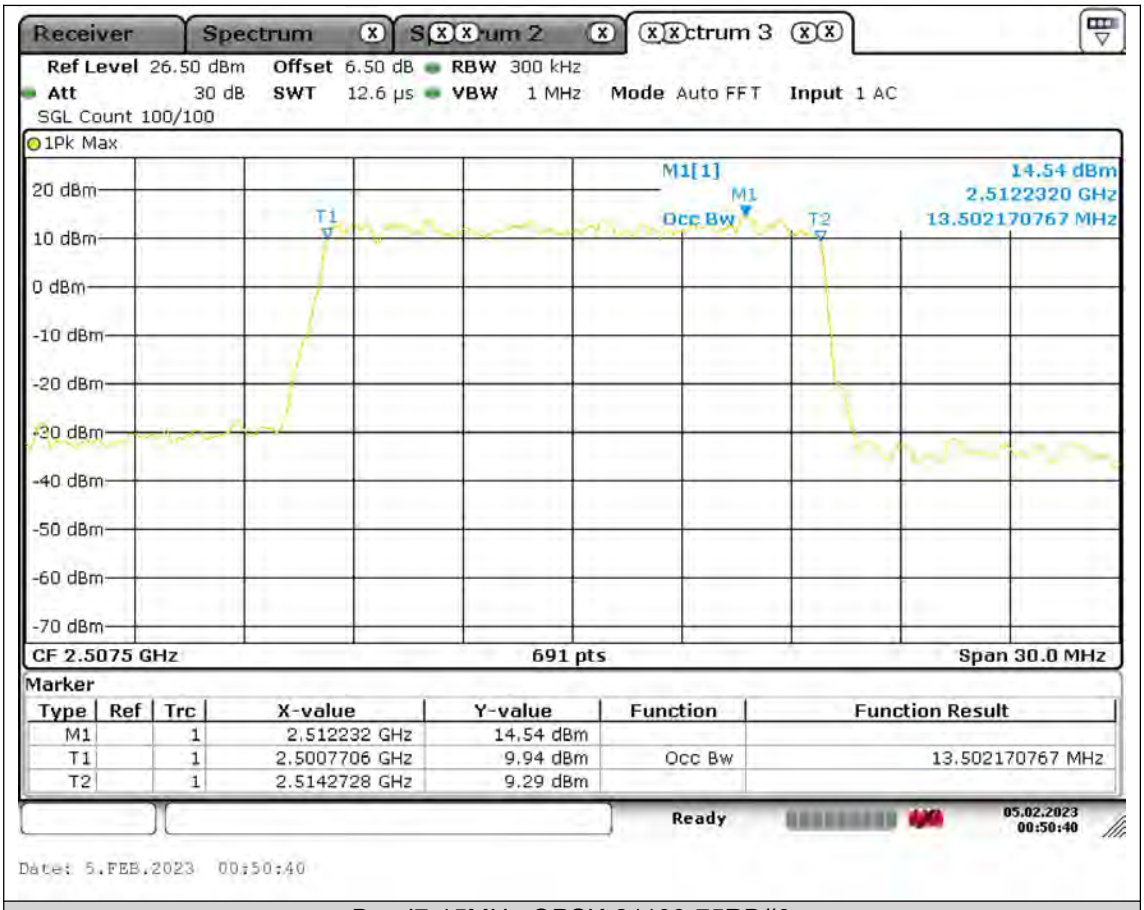

Band7-10MHz-16QAM-21100-50RB#0



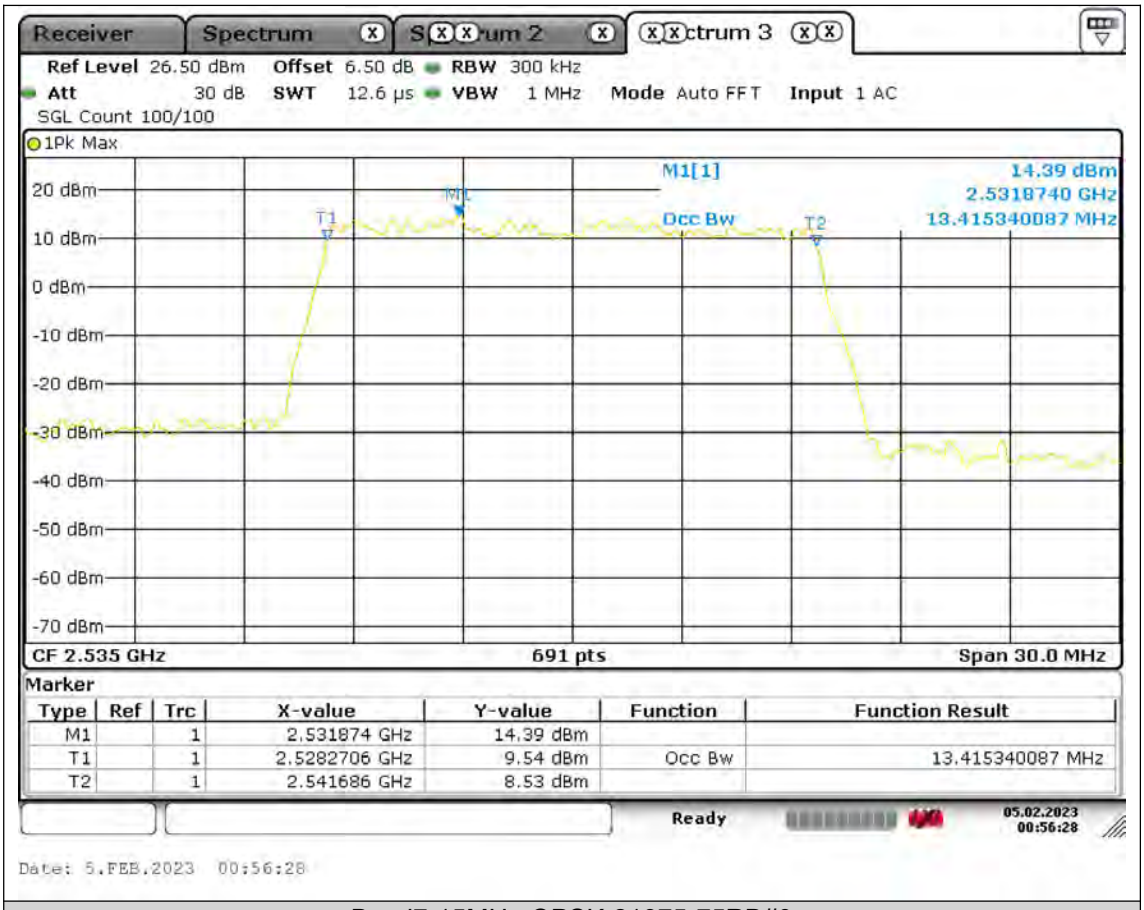

Band7-10MHz-16QAM-21400-50RB#0



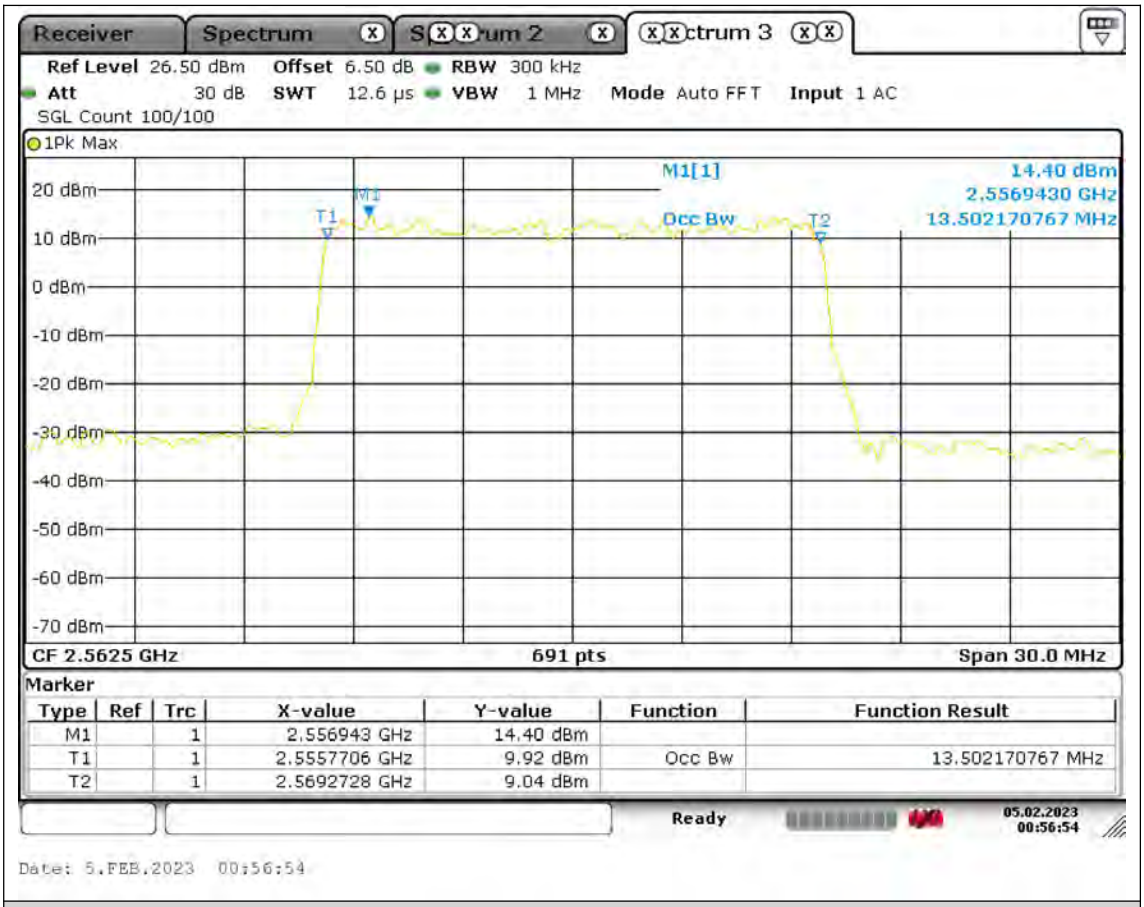

Band7-15MHz-QPSK-20825-75RB#0



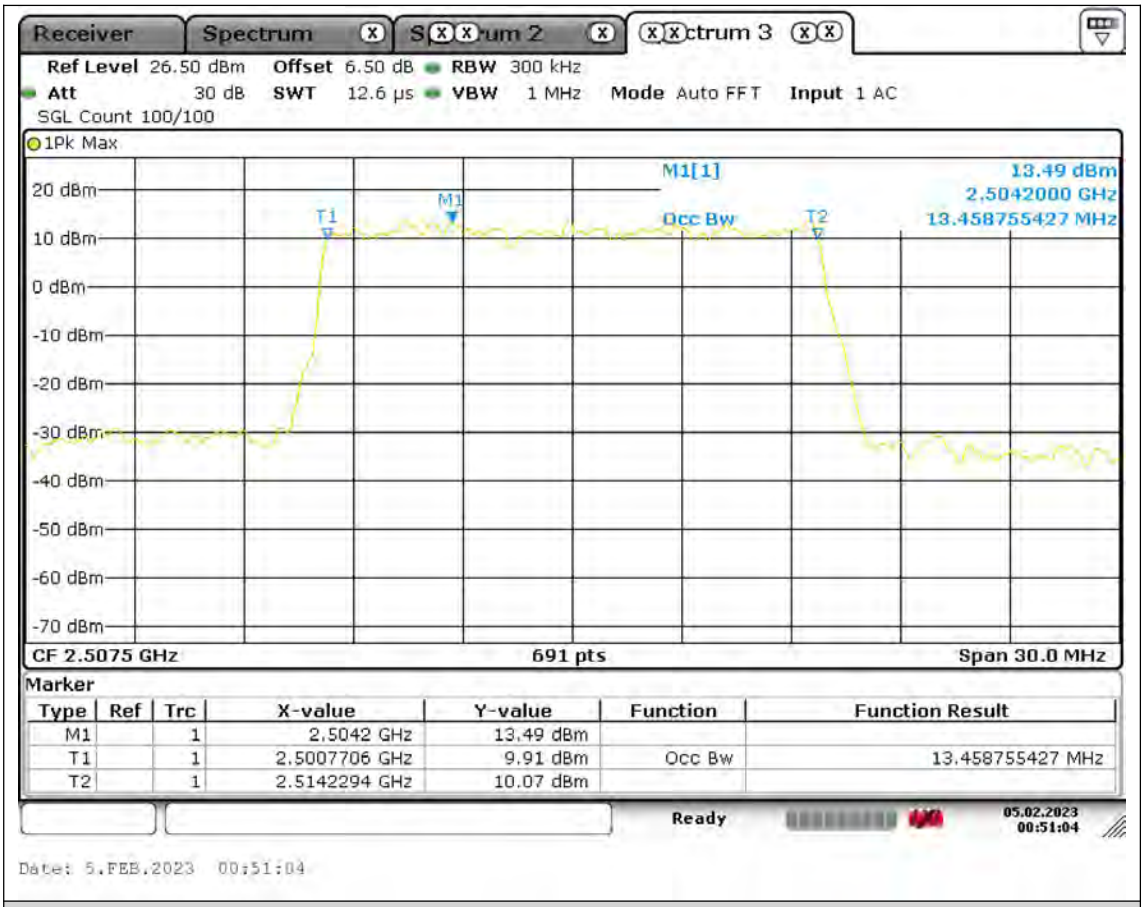

Band7-15MHz-QPSK-21100-75RB#0



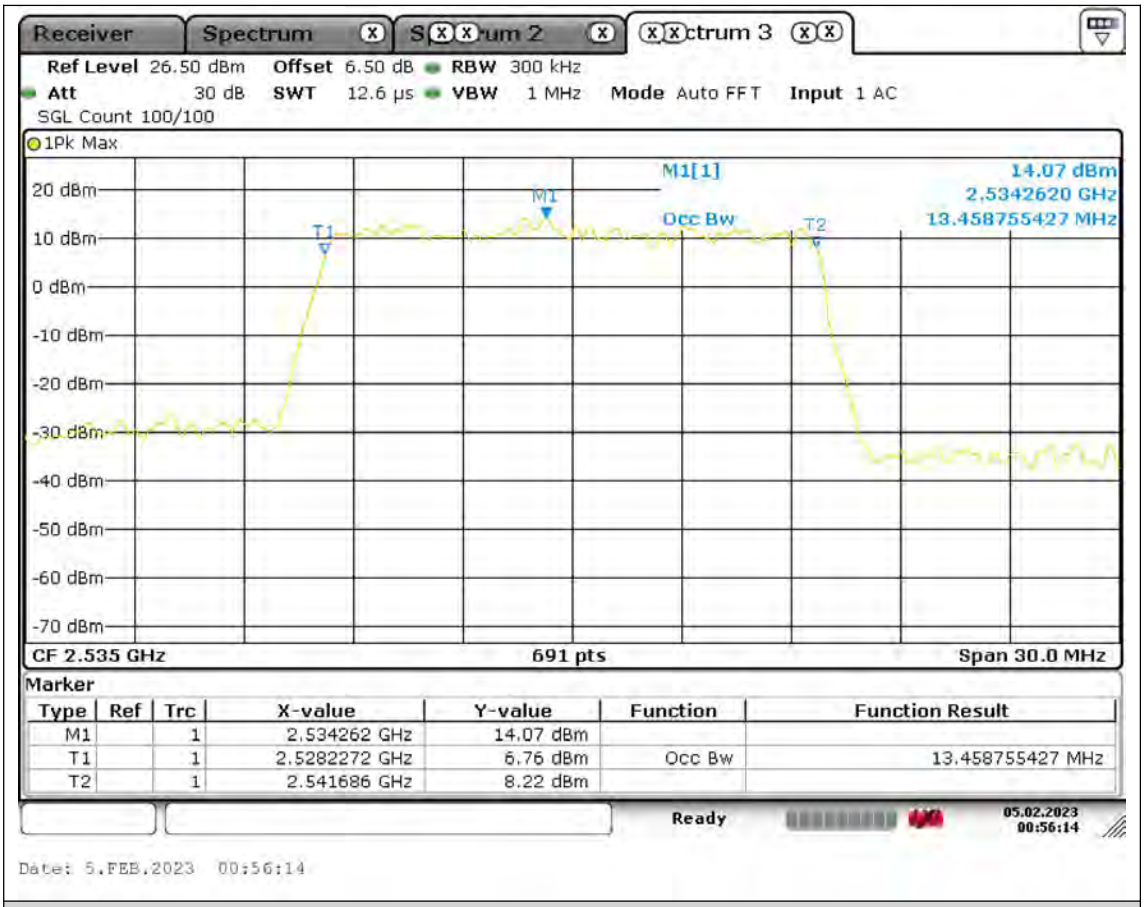

Band7-15MHz-QPSK-21375-75RB#0



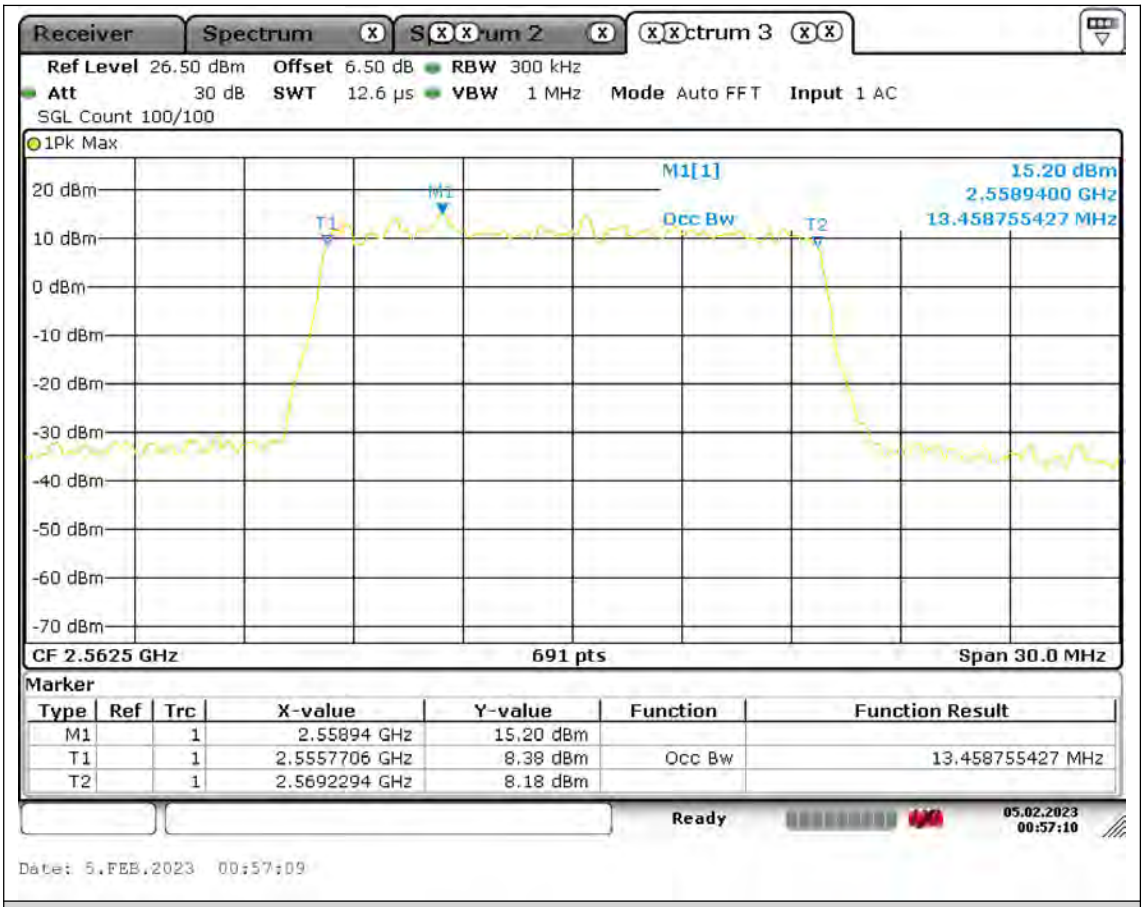

Band7-15MHz-16QAM-20825-75RB#0



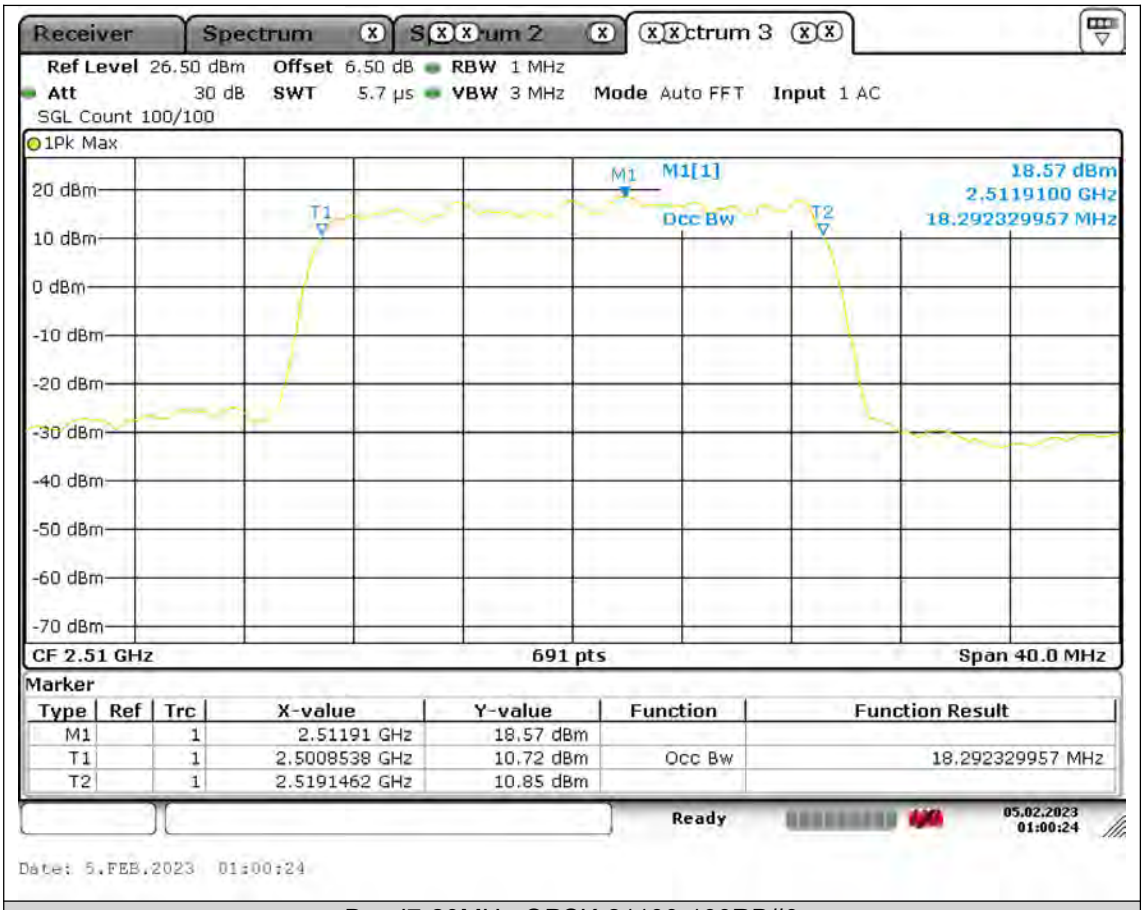

Band7-15MHz-16QAM-21100-75RB#0



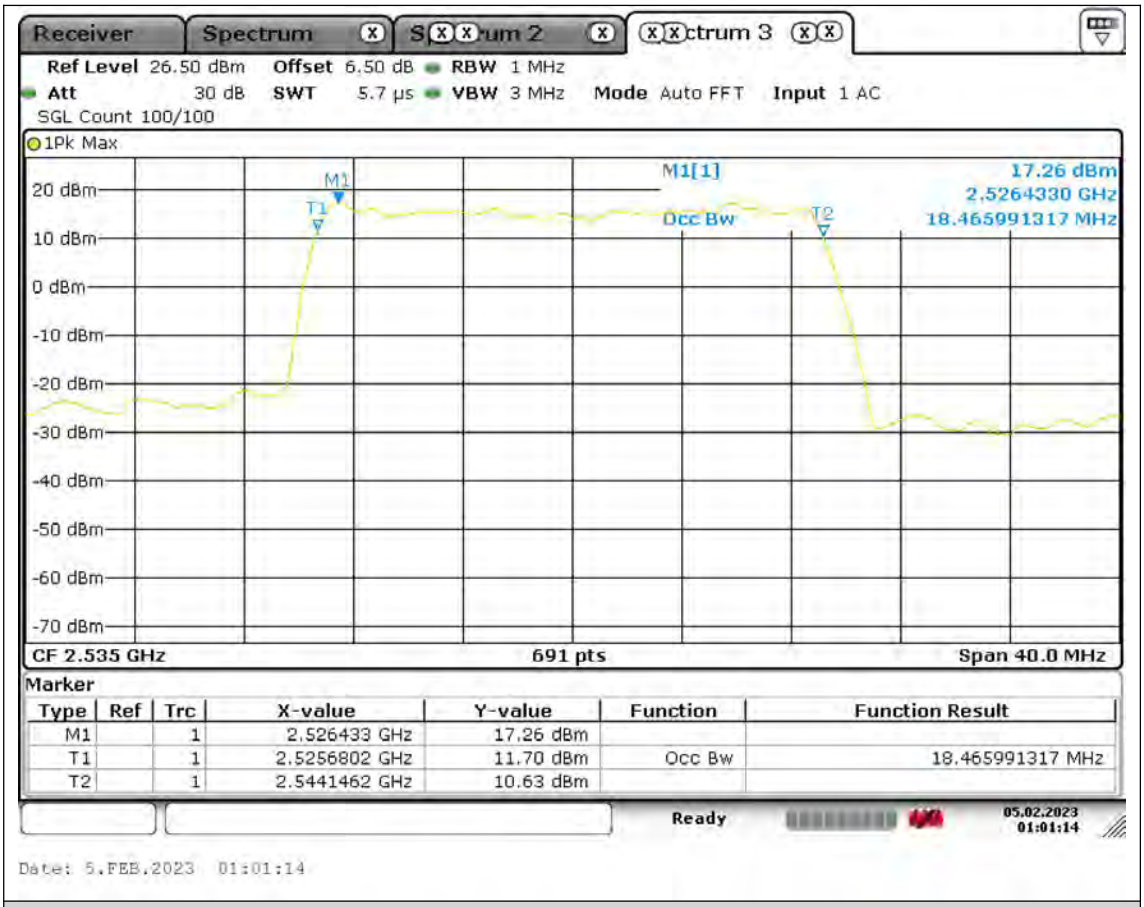

Band7-15MHz-16QAM-21375-75RB#0



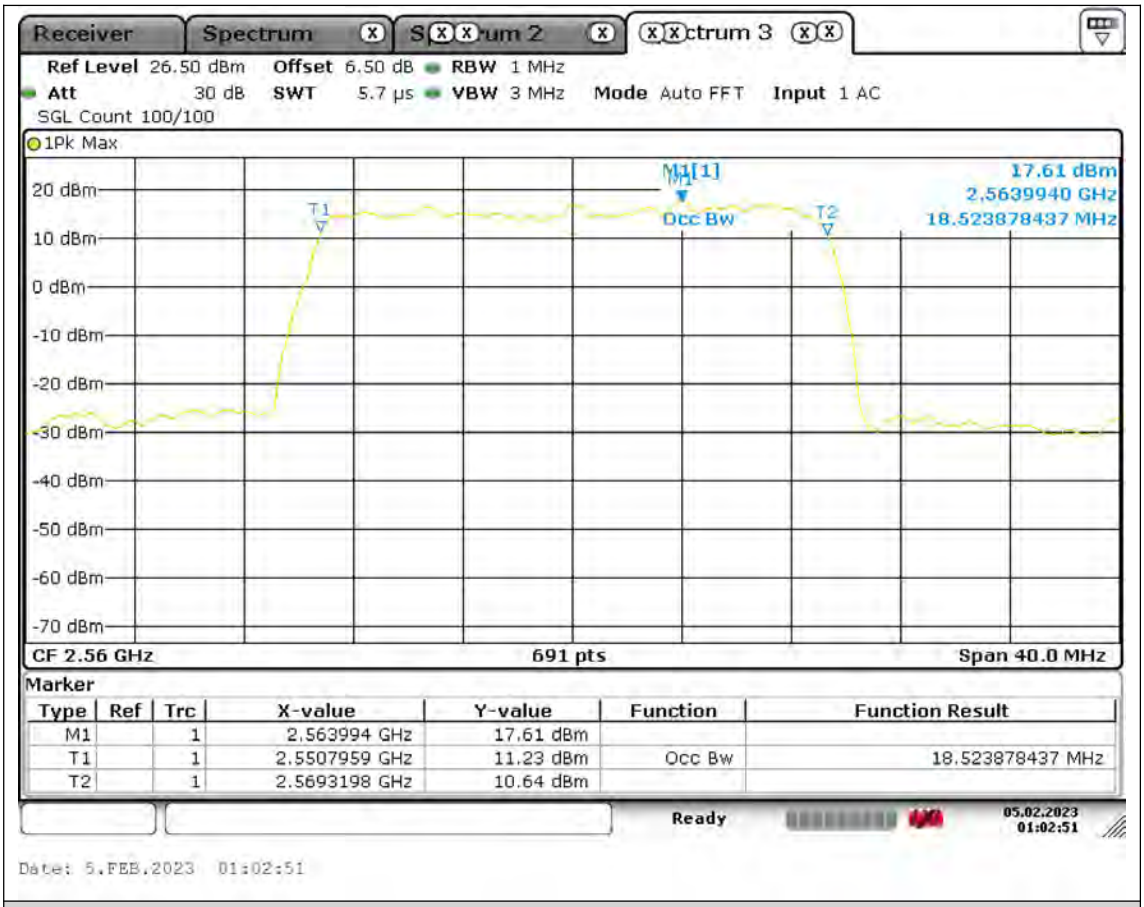

Band7-20MHz-QPSK-20850-100RB#0




Band7-20MHz-QPSK-21100-100RB#0




Band7-20MHz-QPSK-21350-100RB#0

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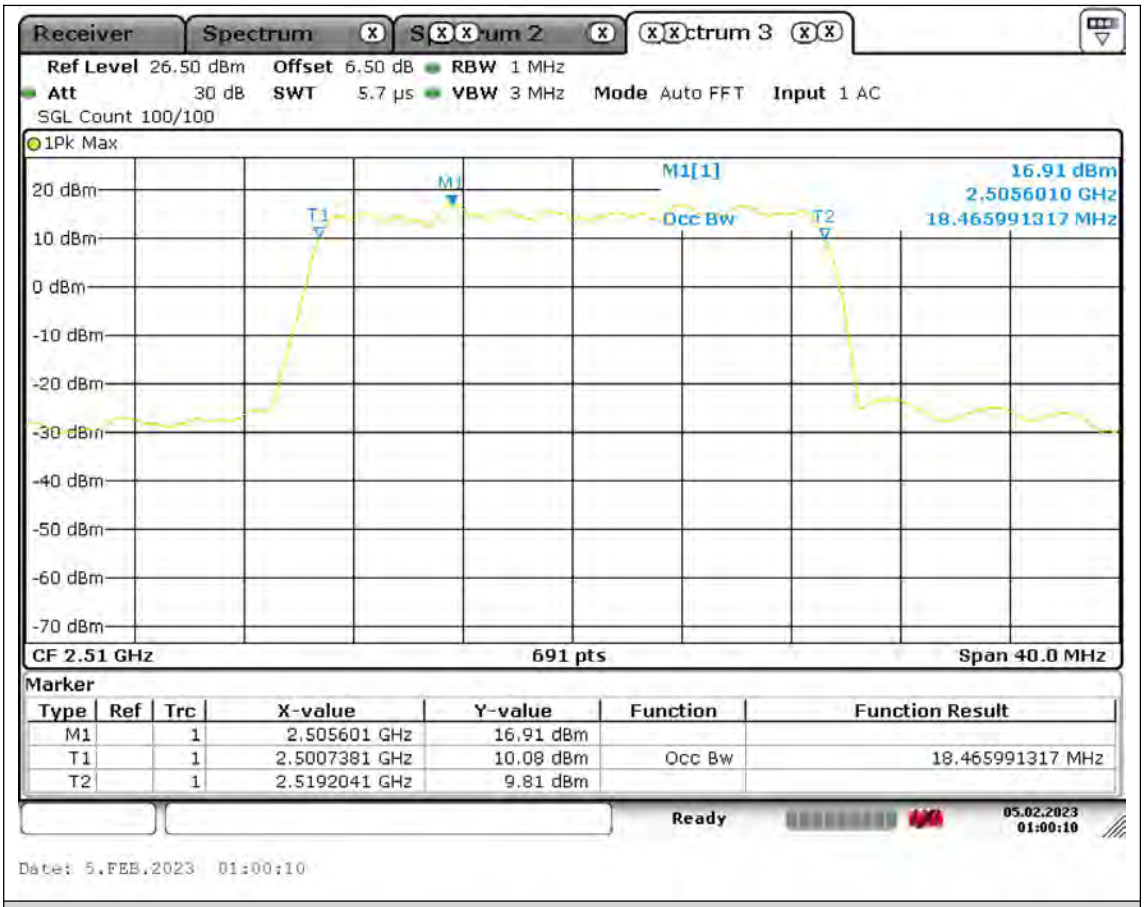


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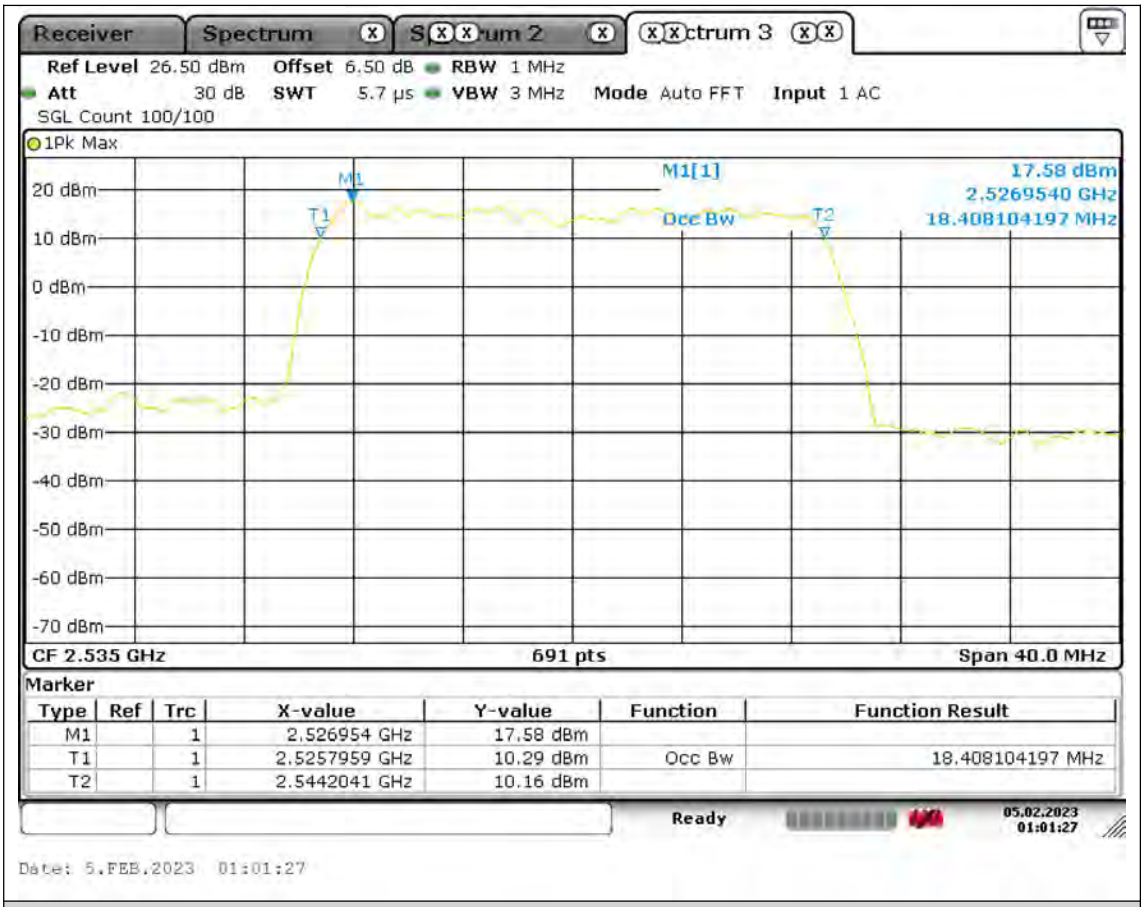


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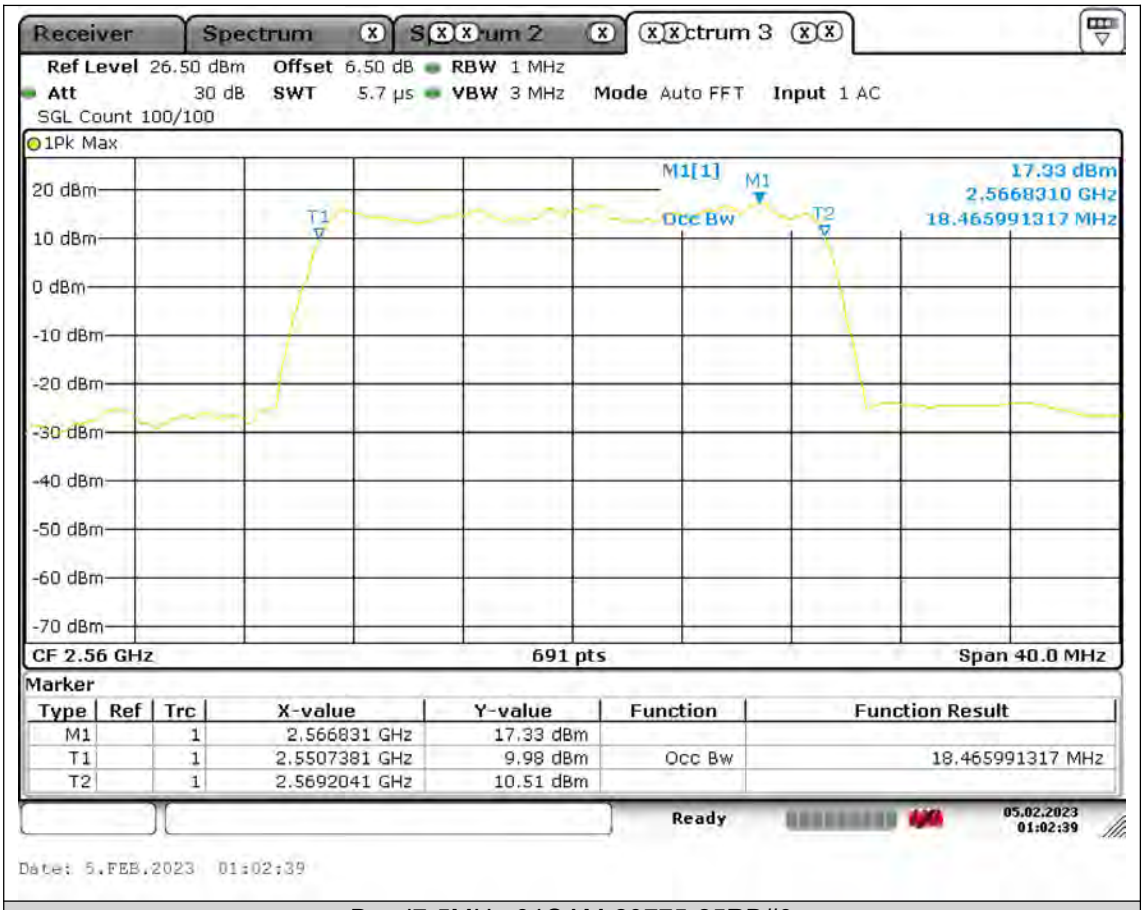


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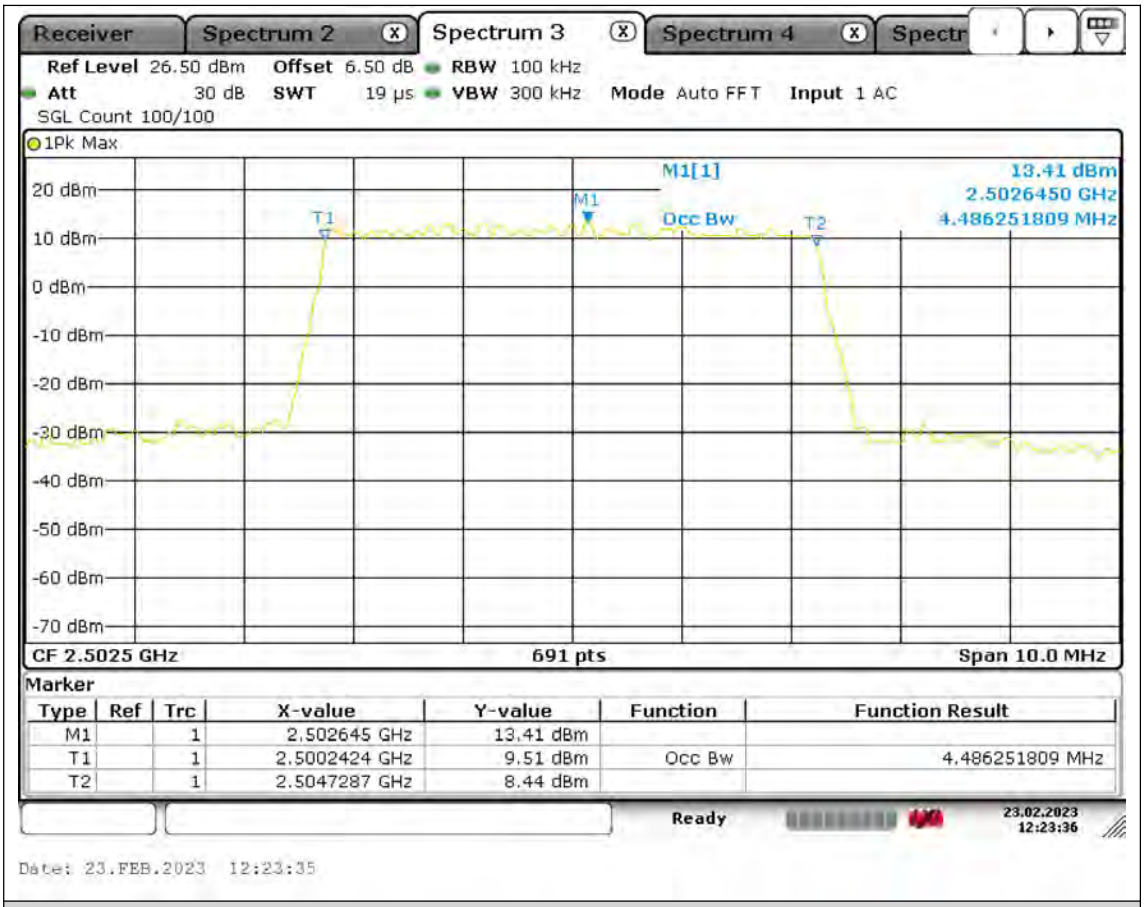


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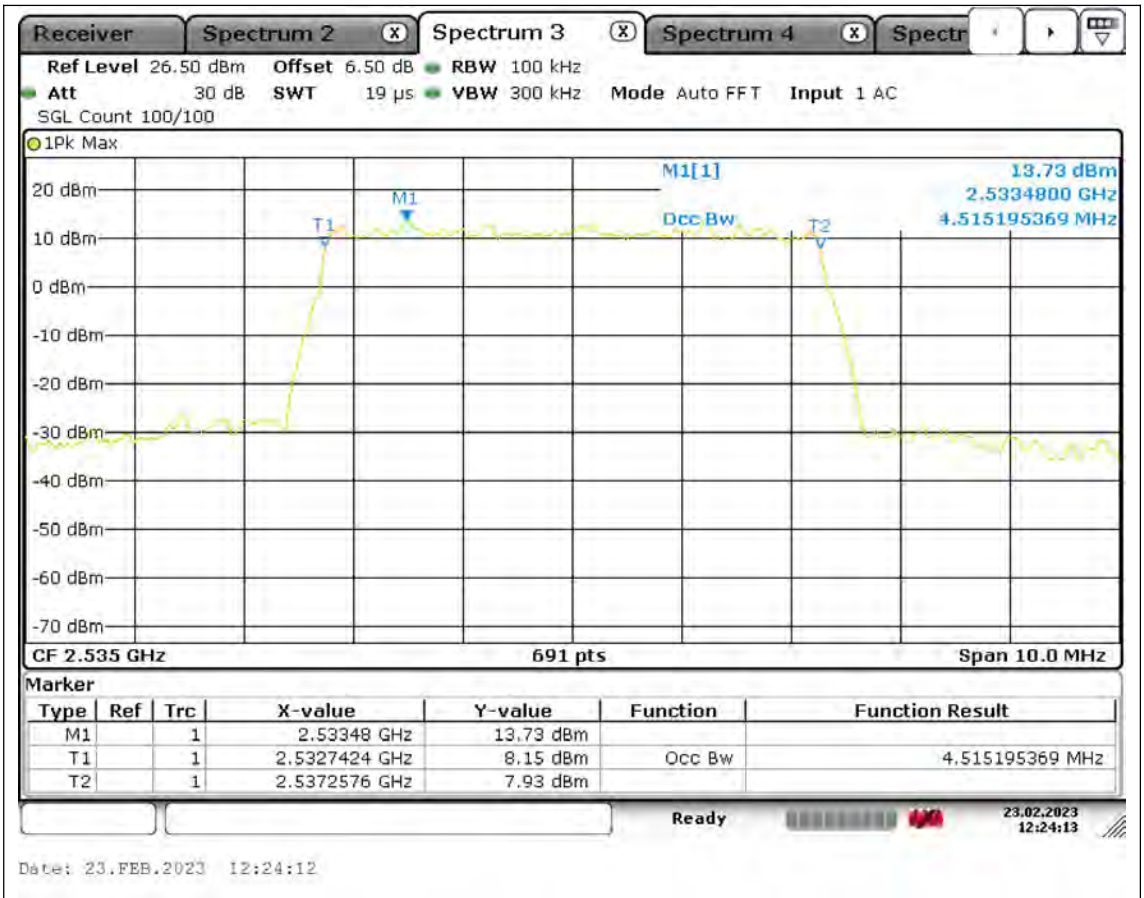


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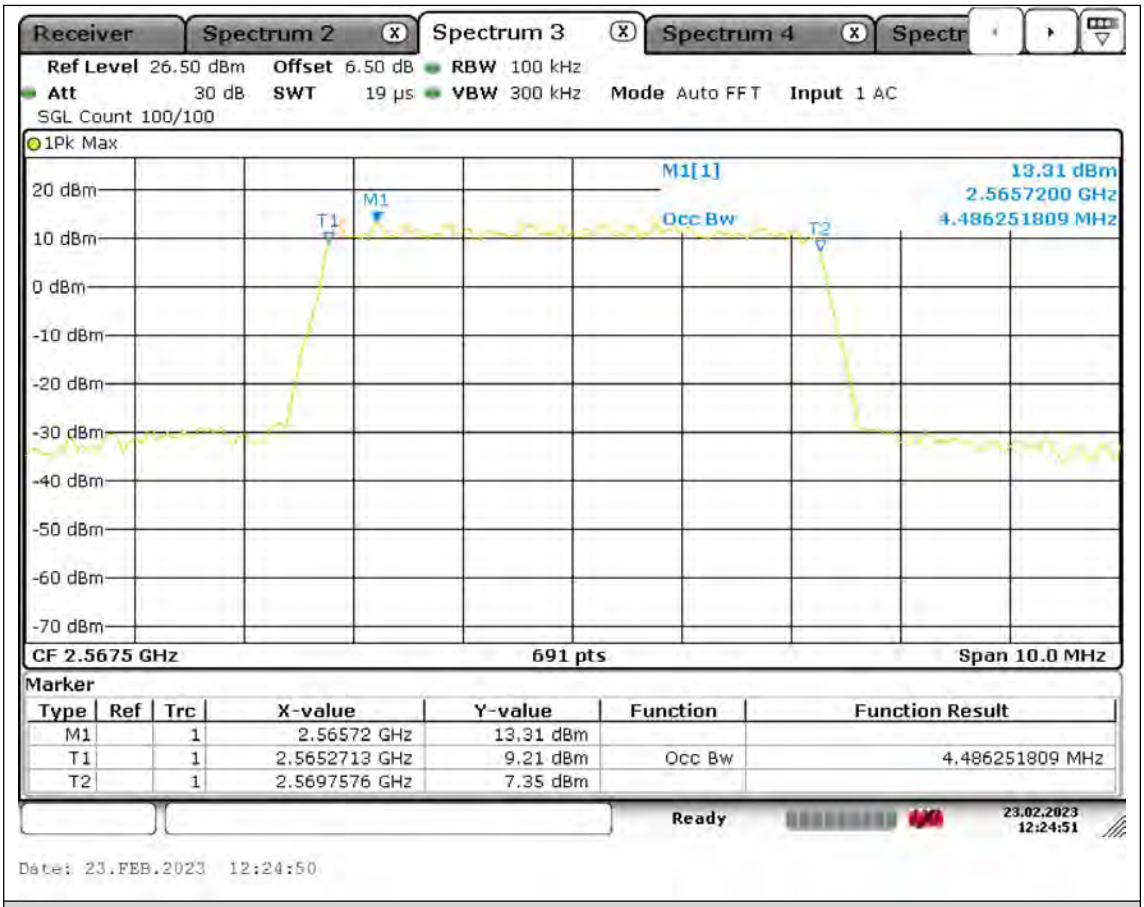


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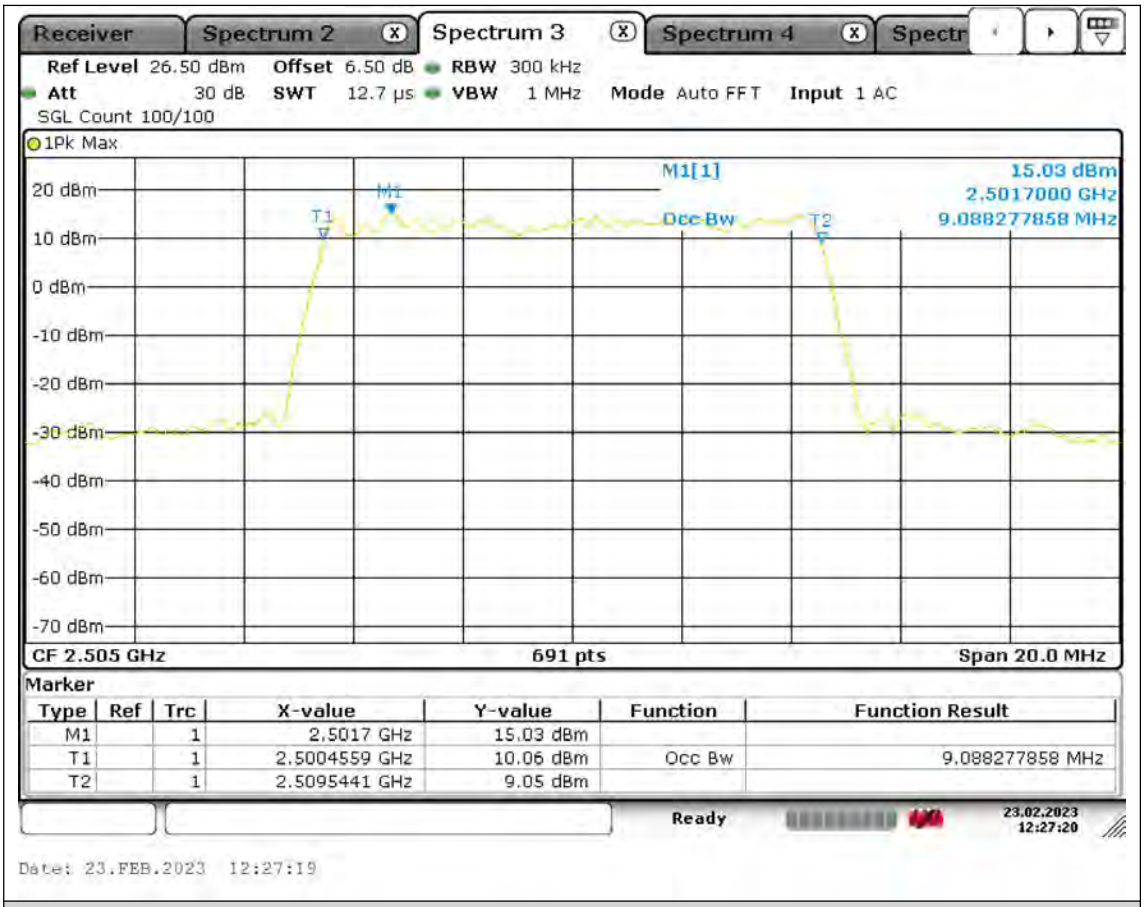


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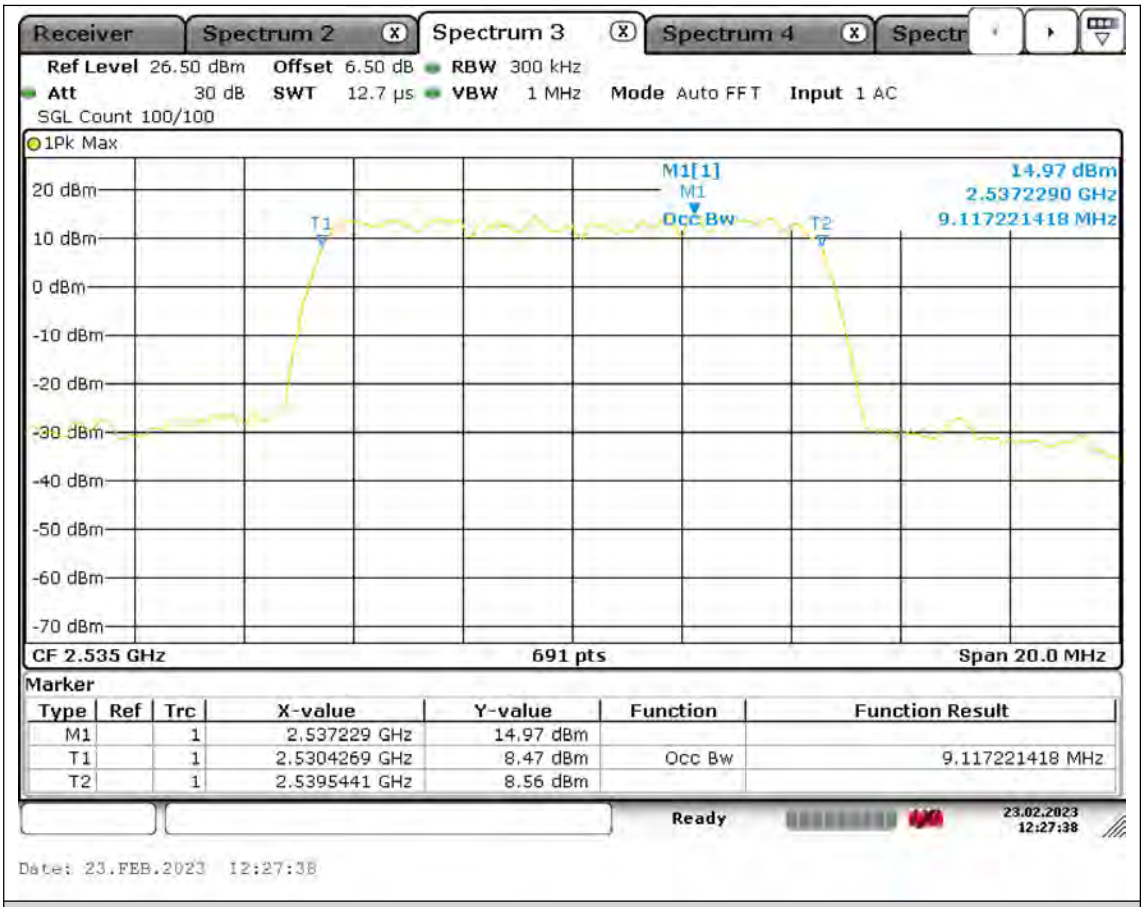


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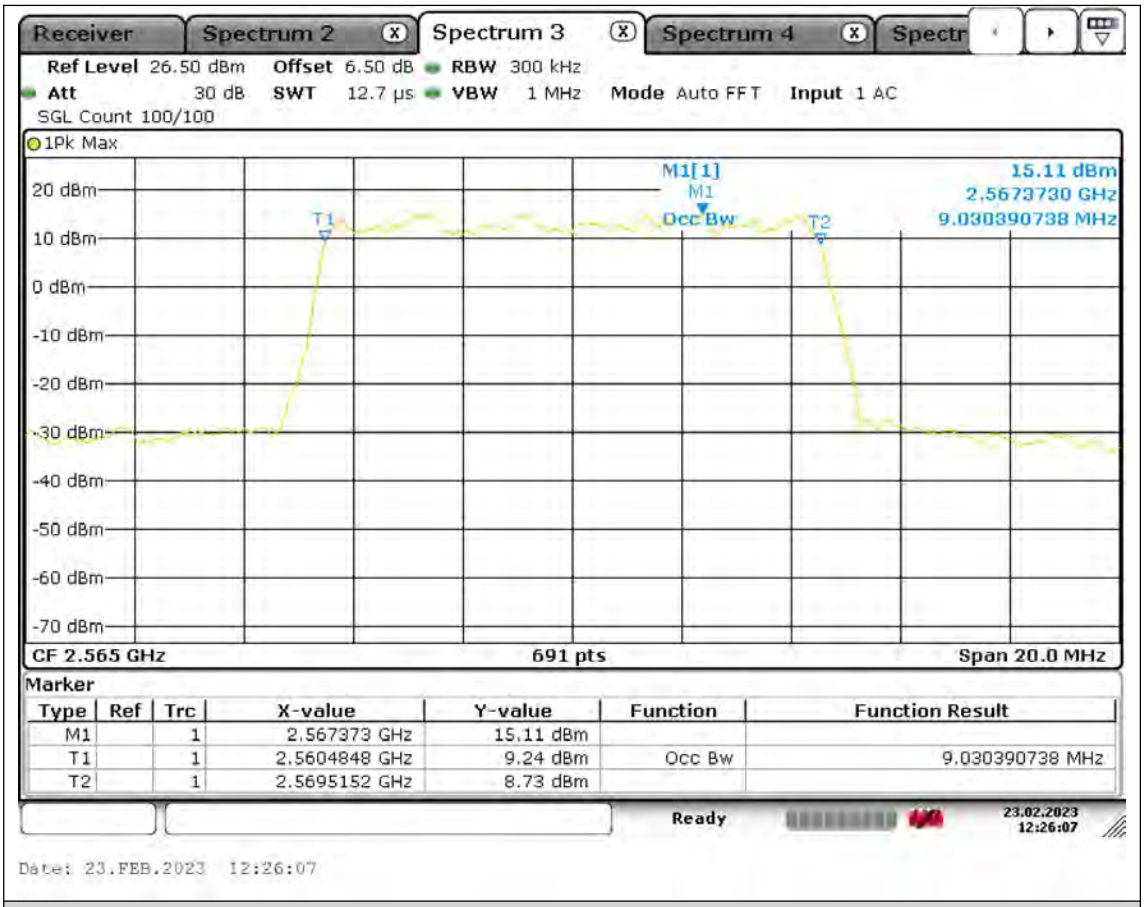


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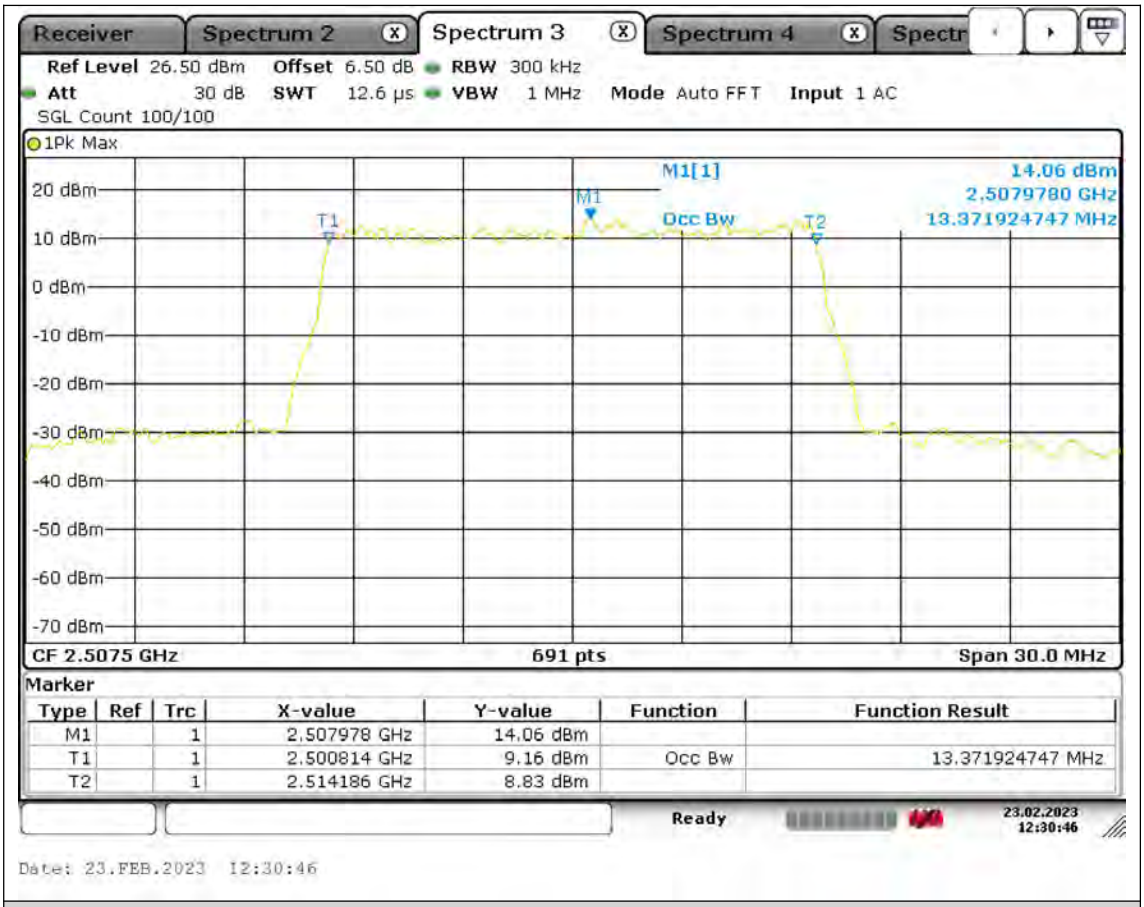


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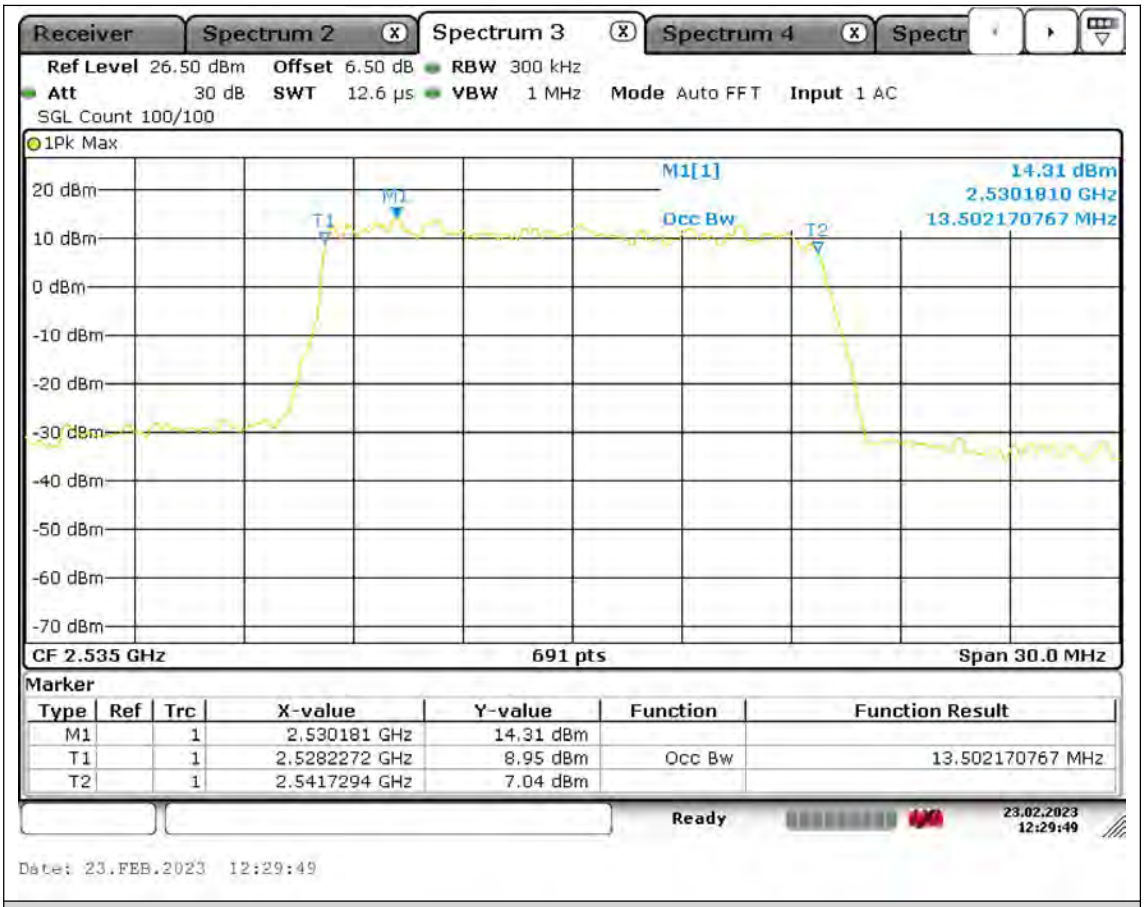


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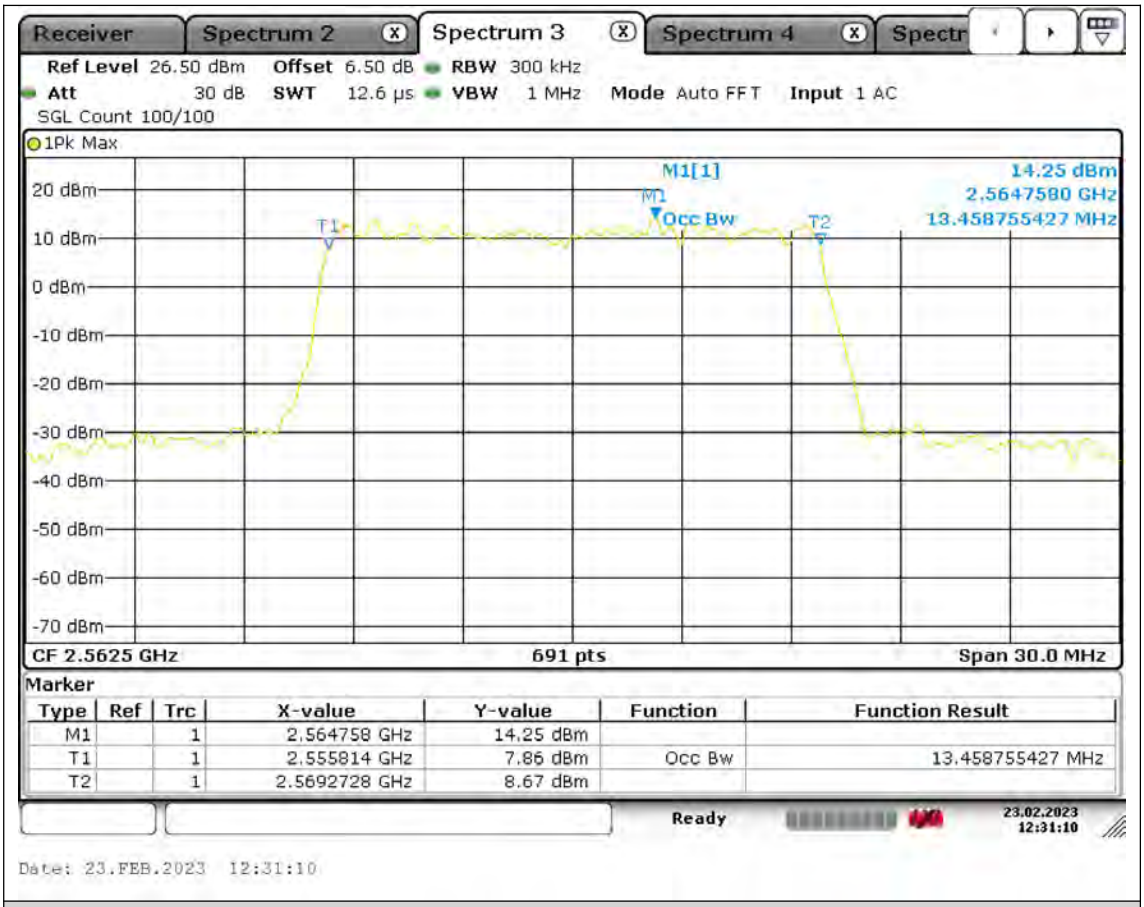


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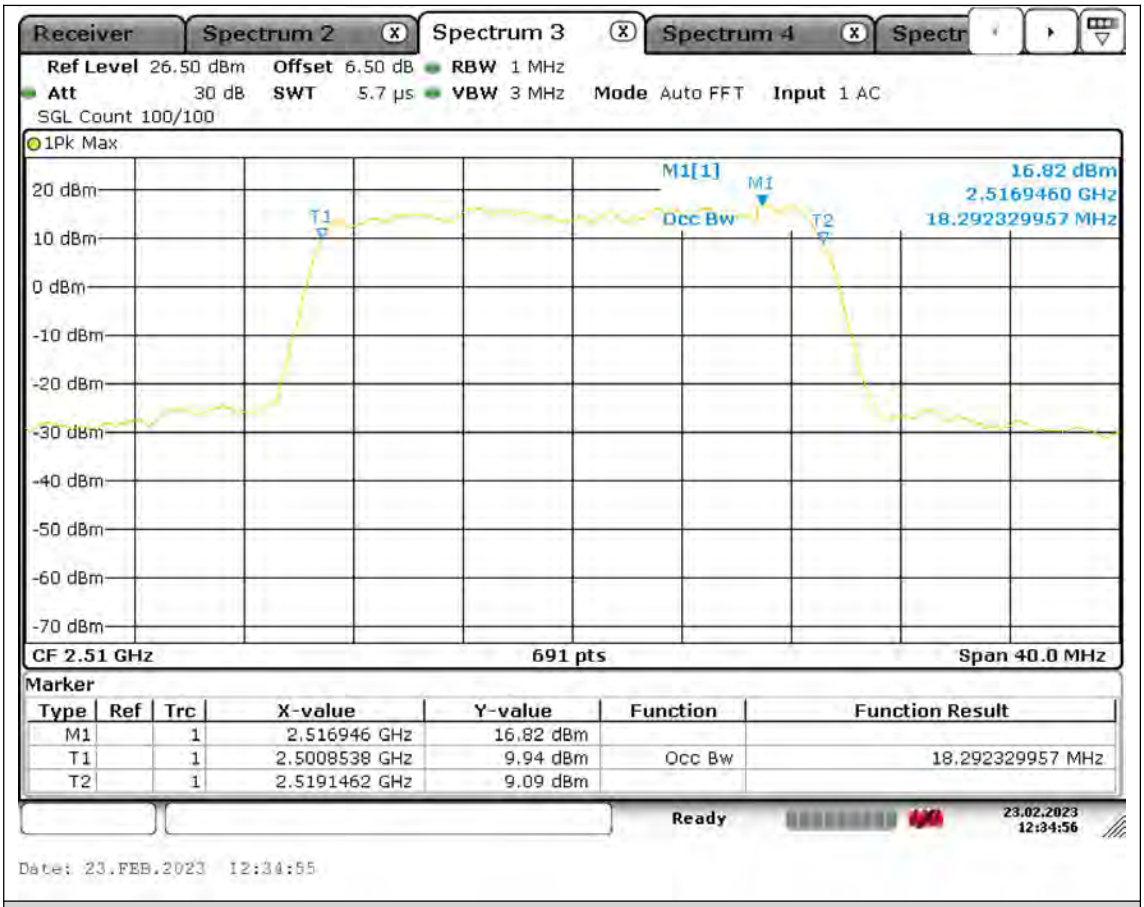


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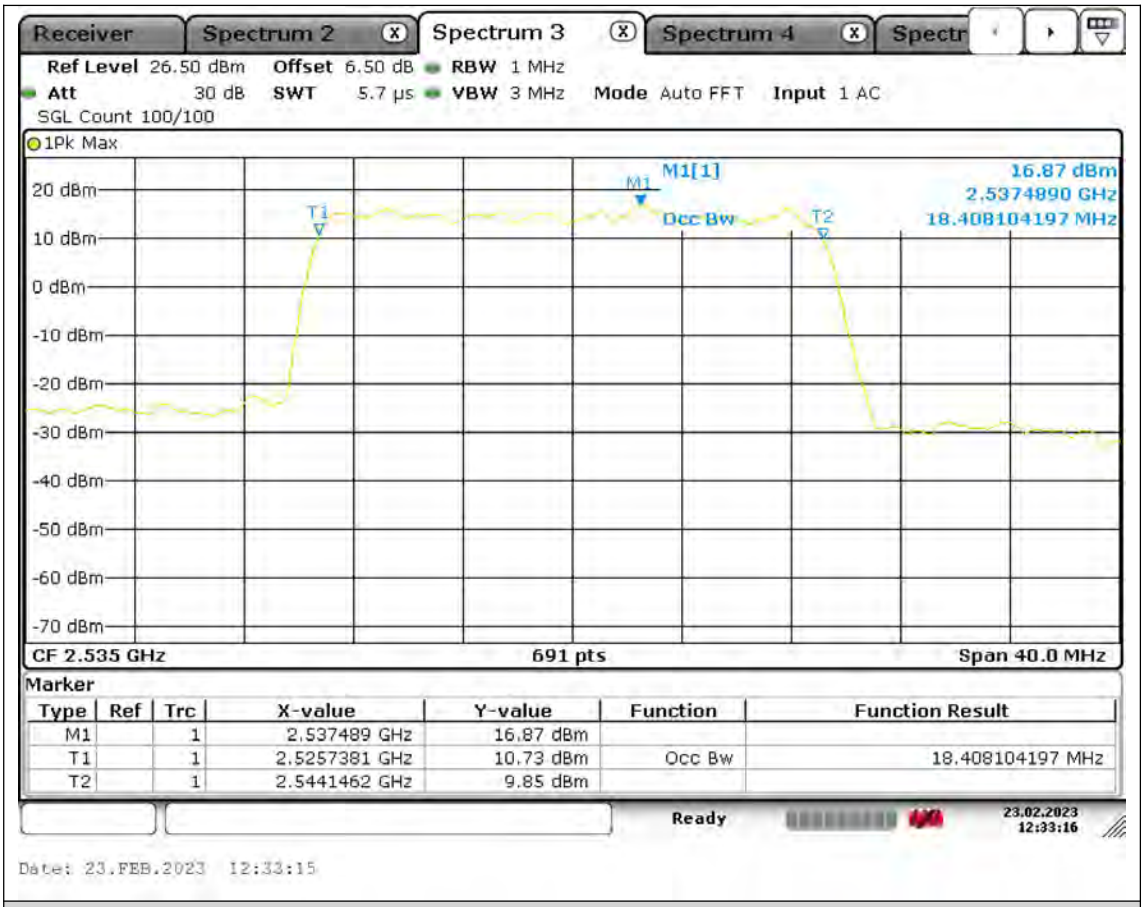


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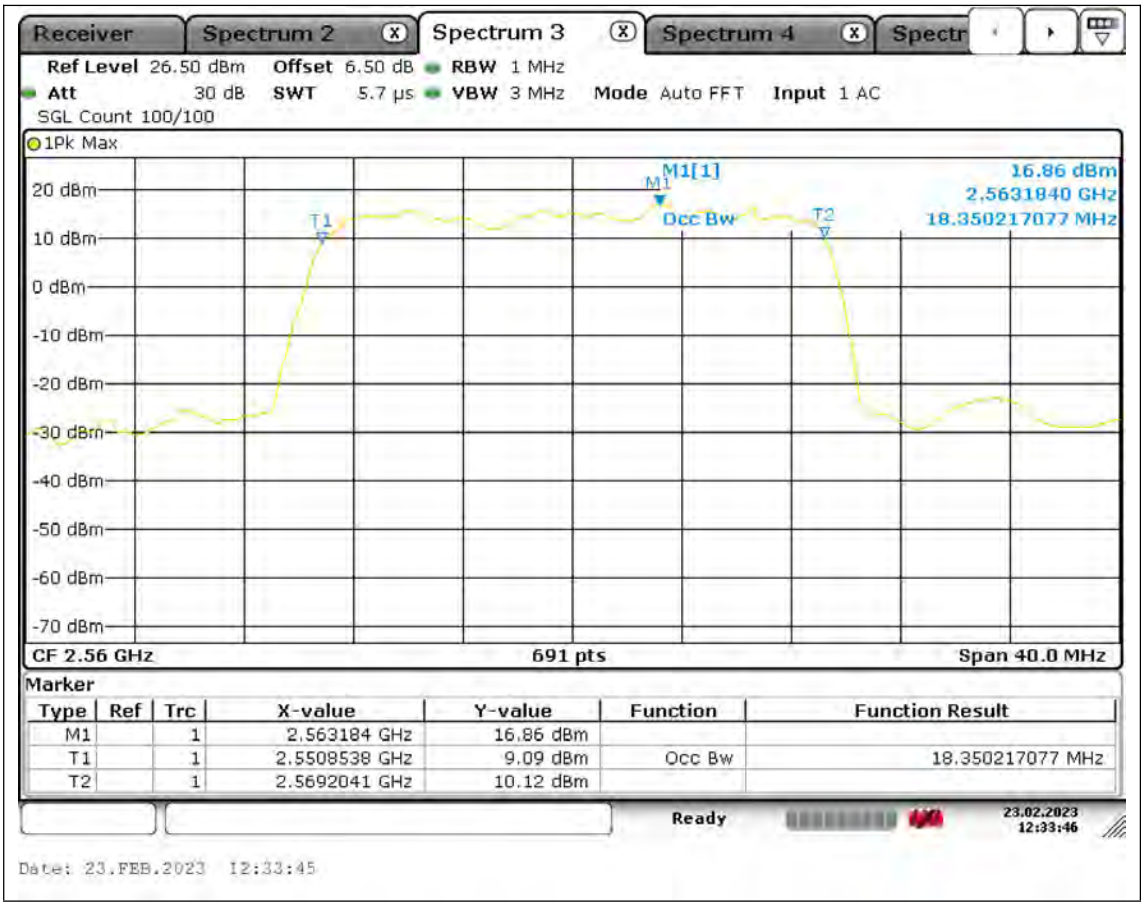


26dB Bandwidth

| Band7-5MHz-QPSK-20775-25RB#0 |
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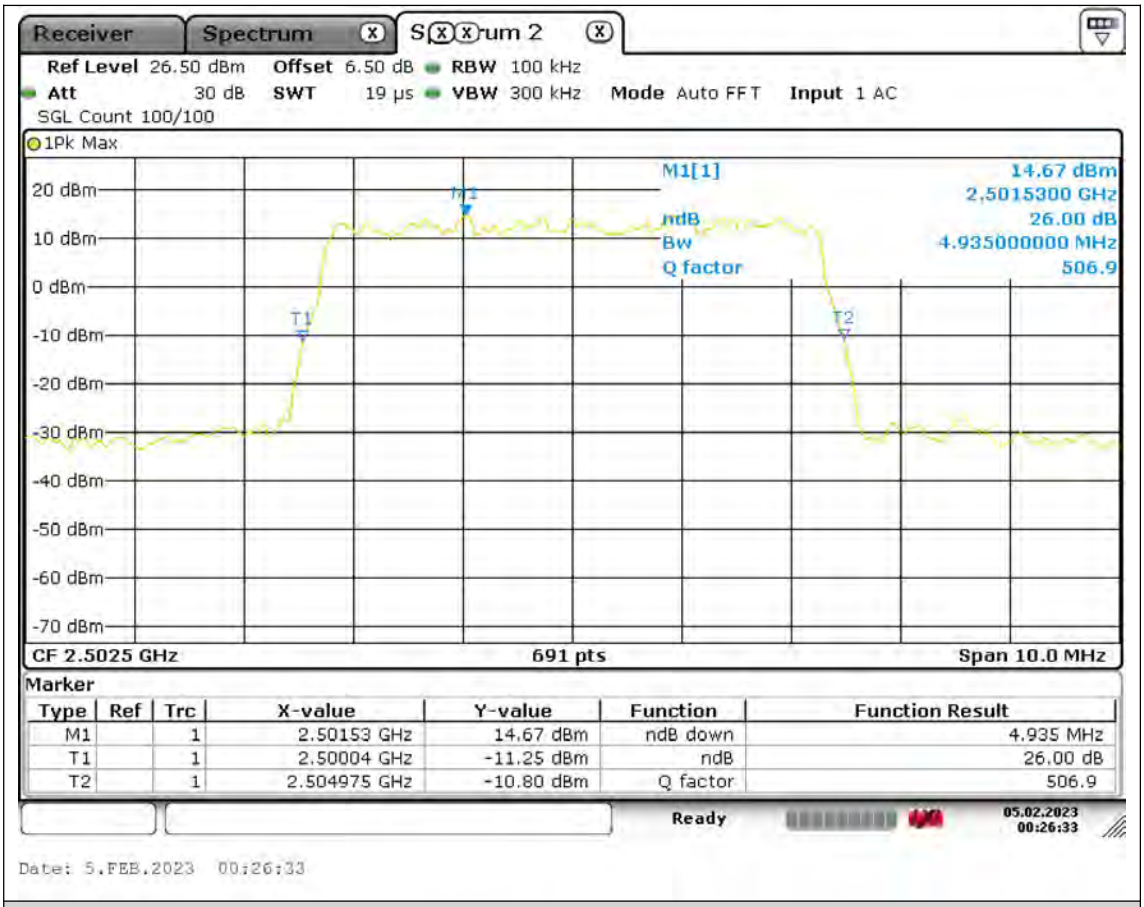


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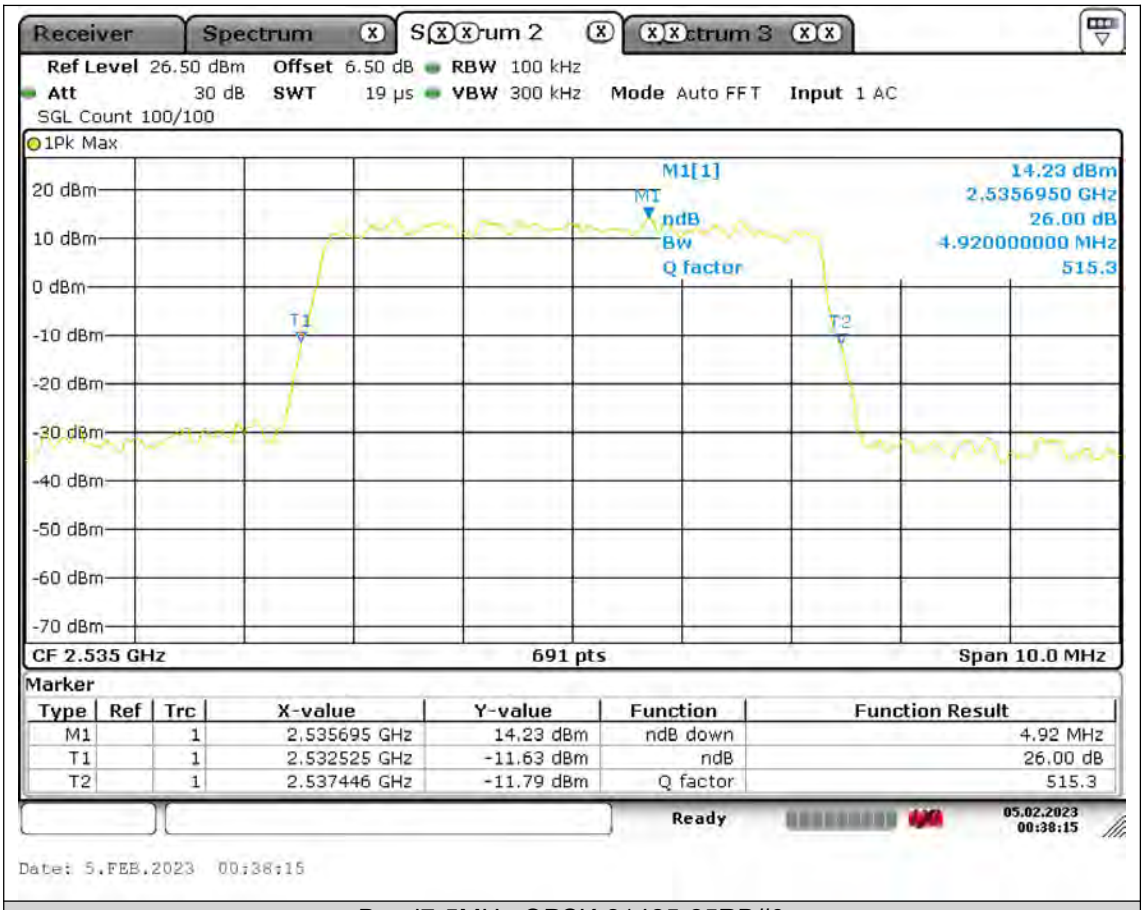


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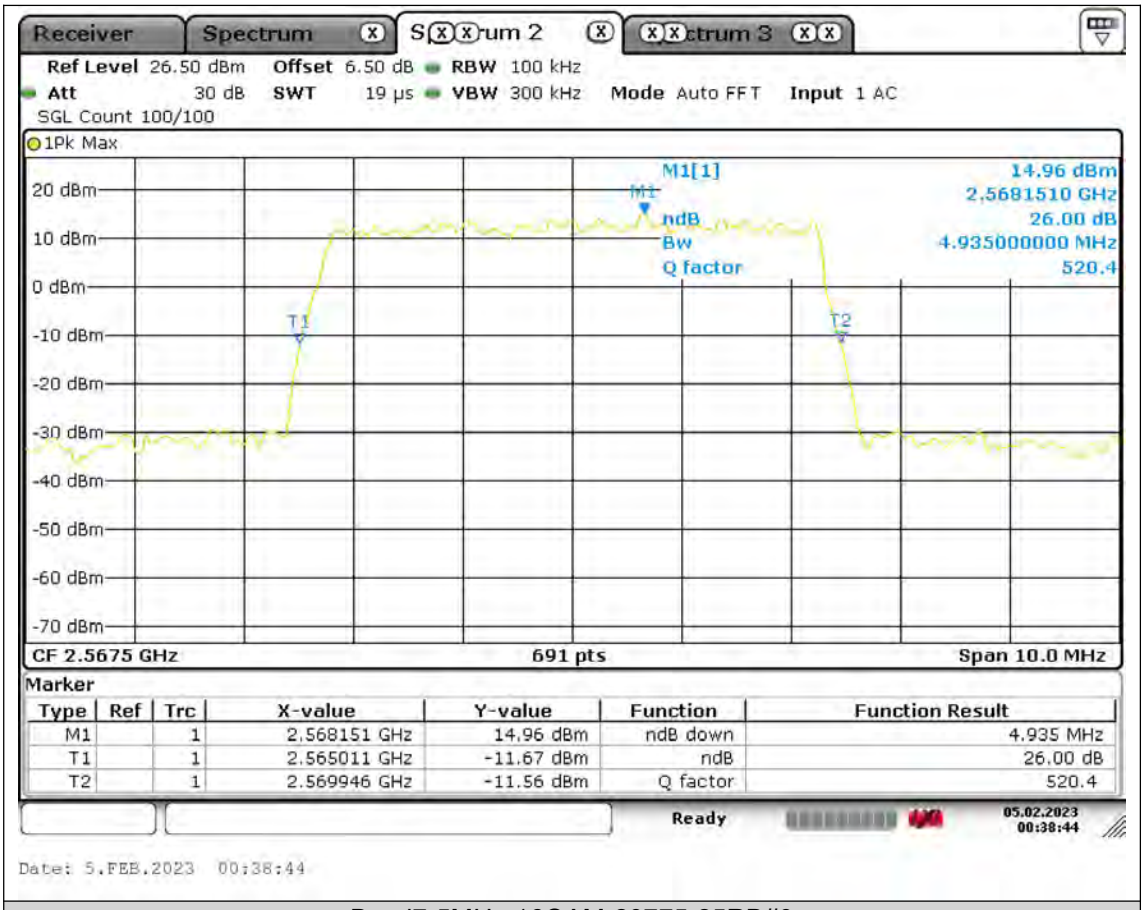


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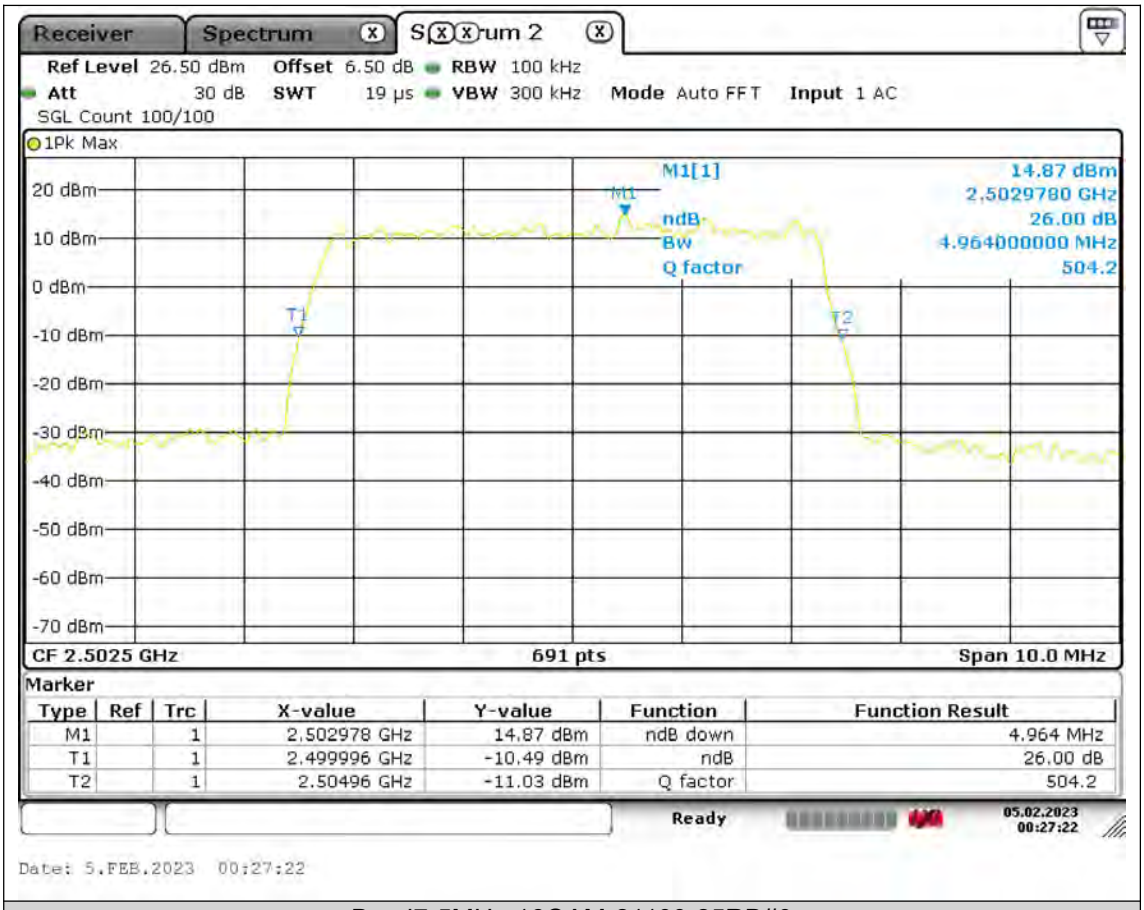


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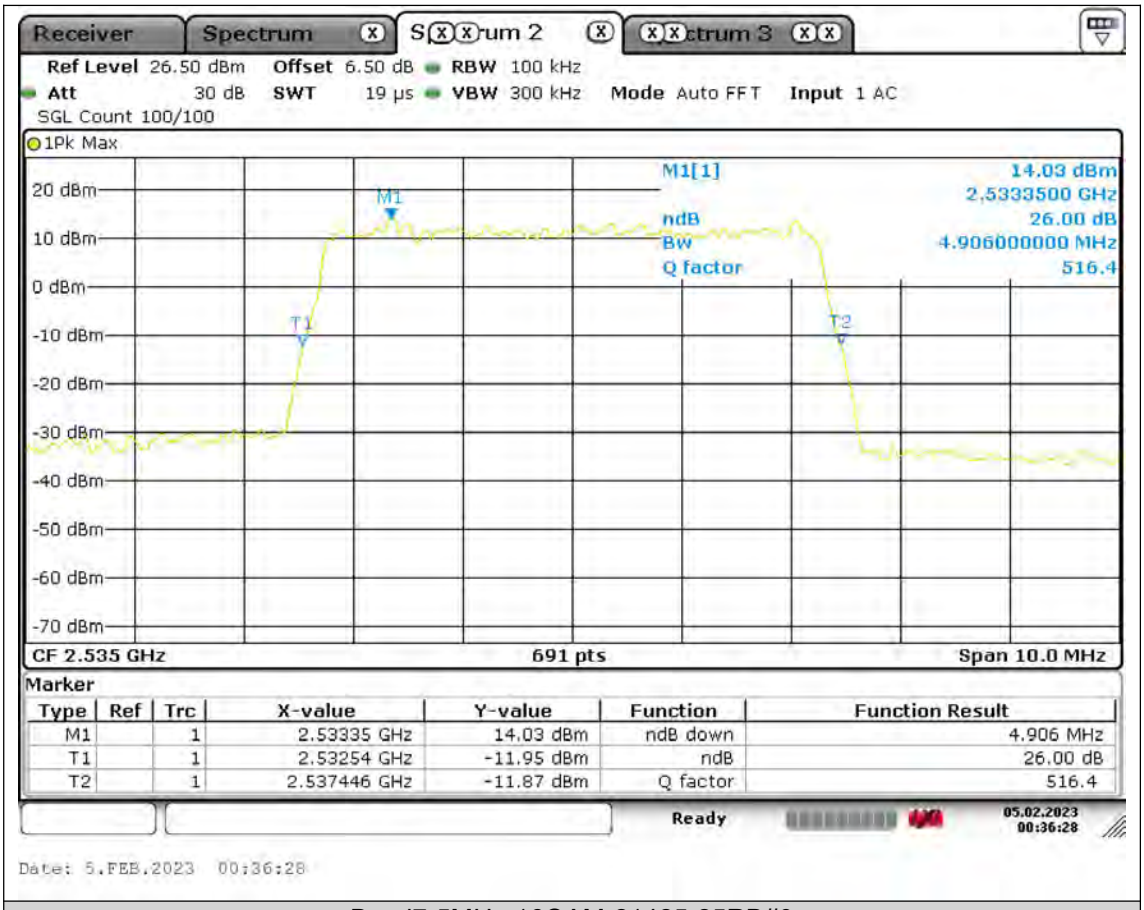


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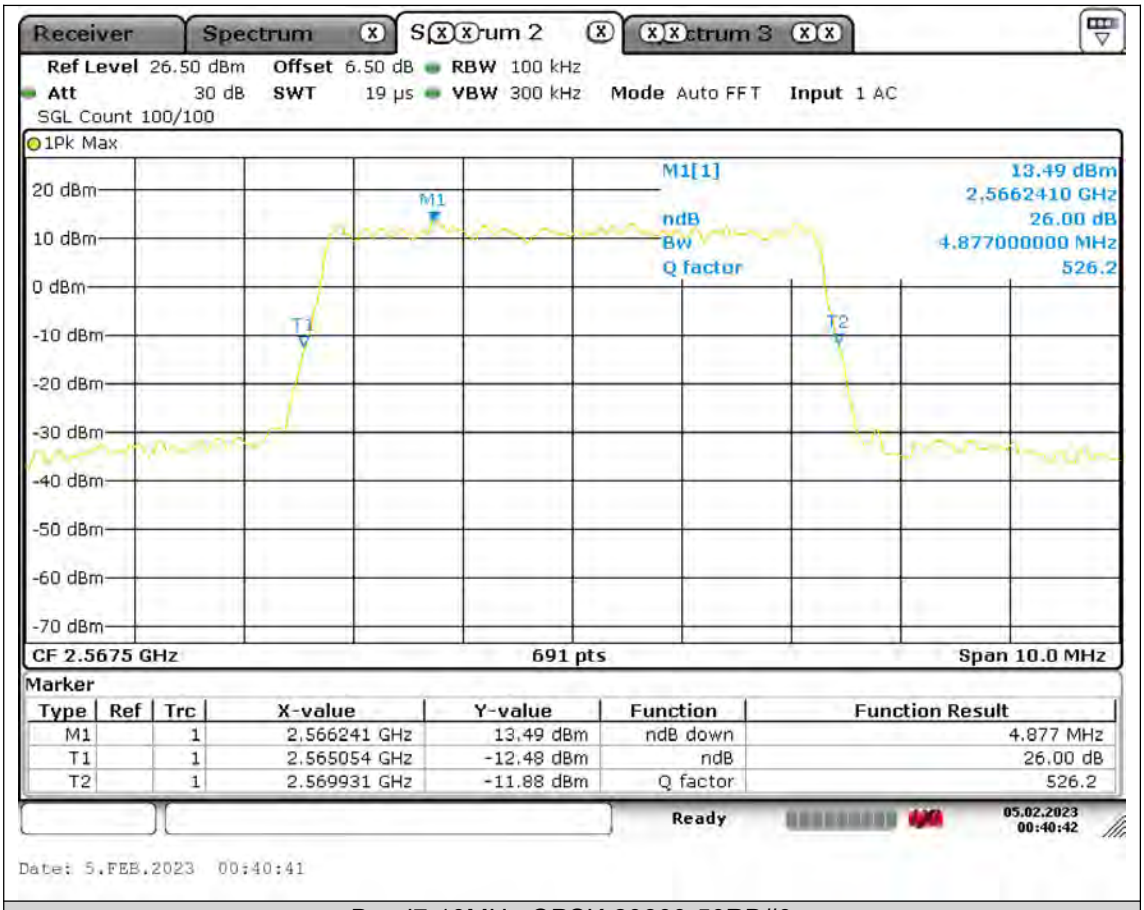


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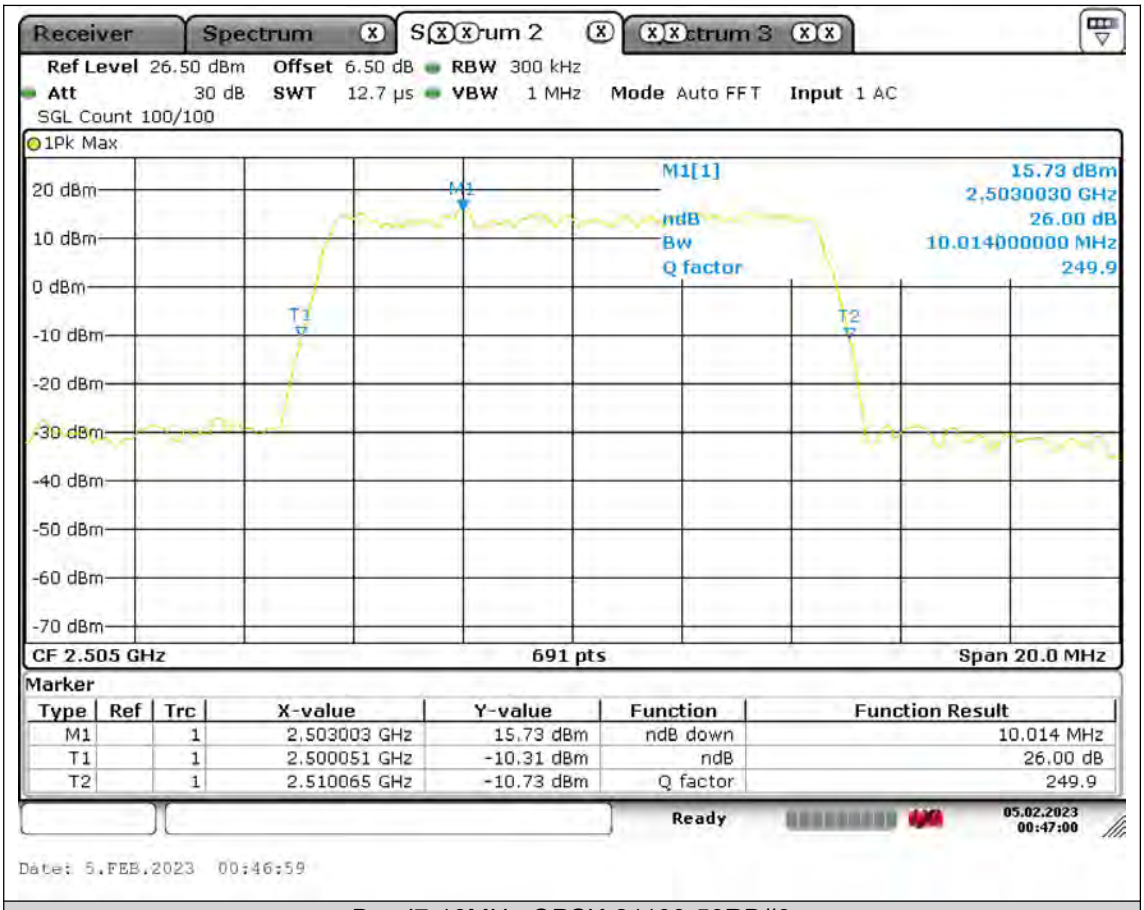


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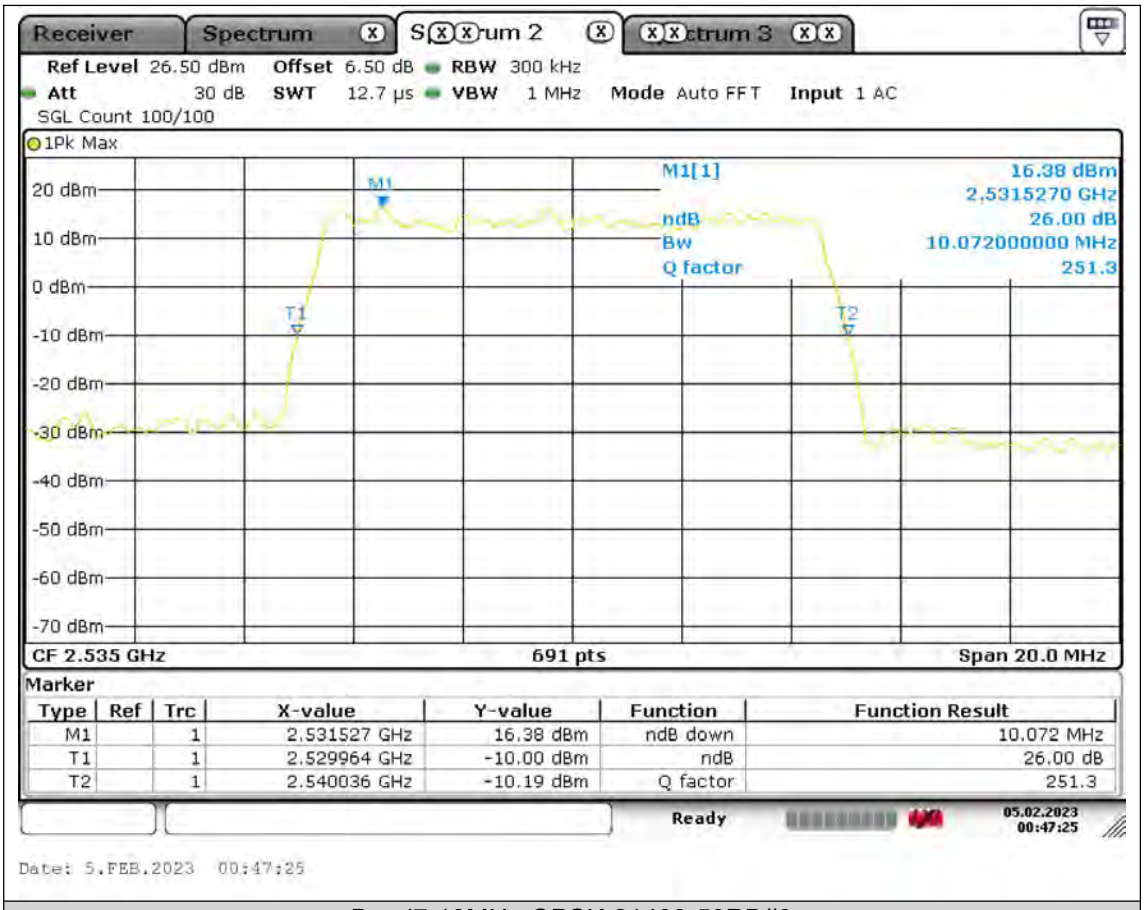


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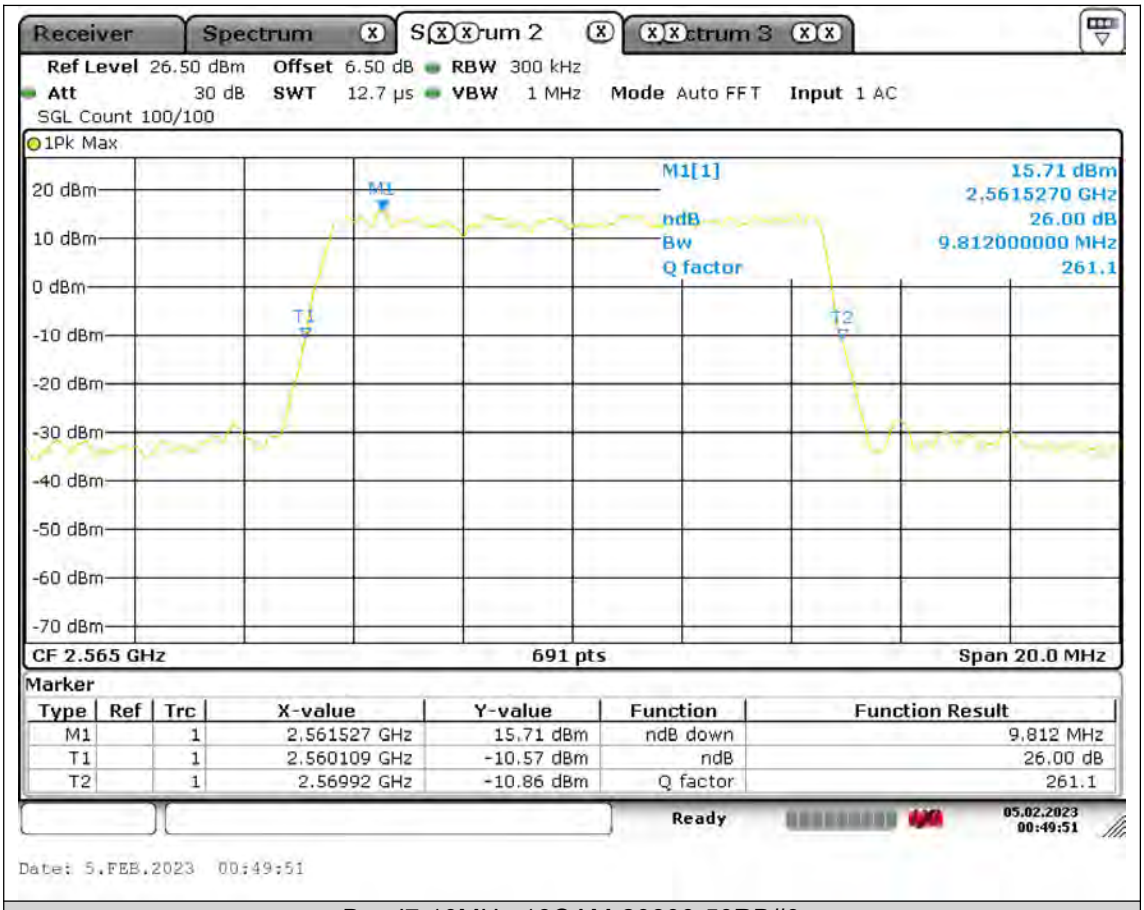


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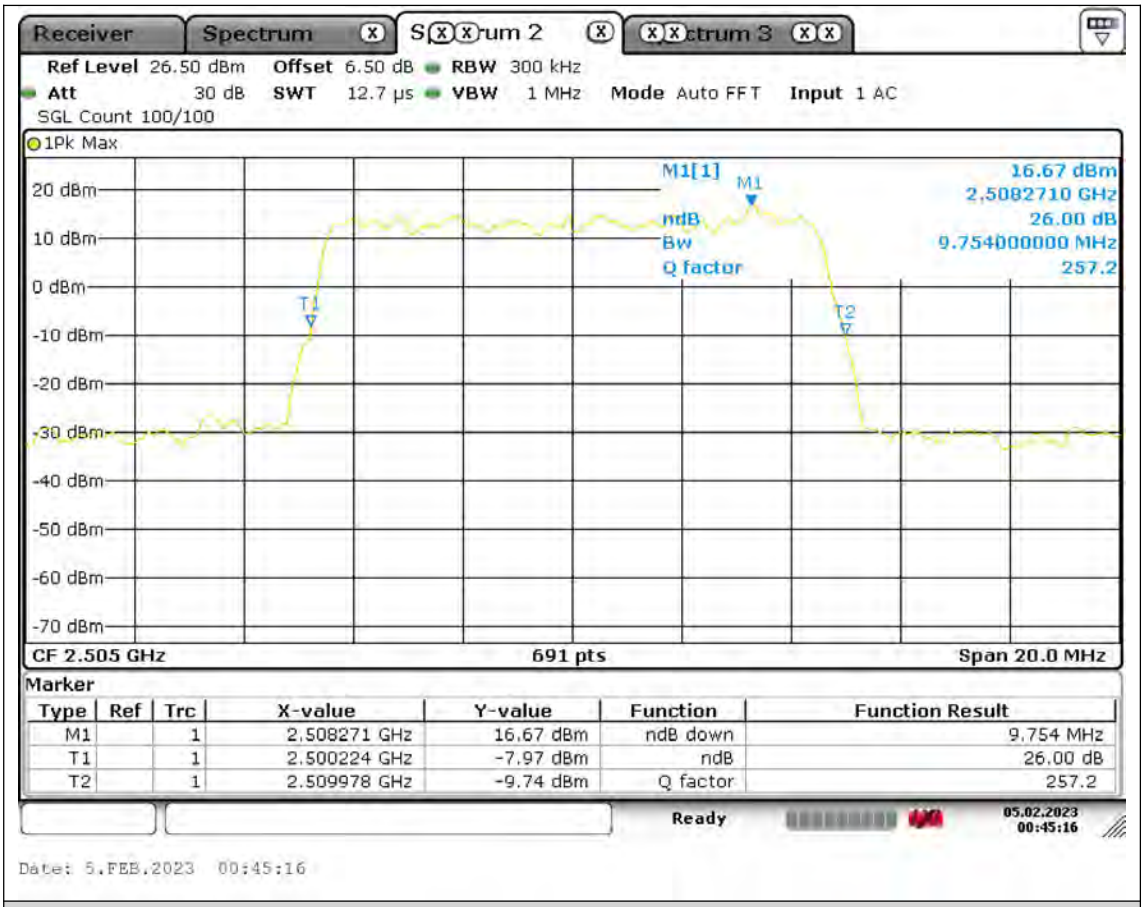


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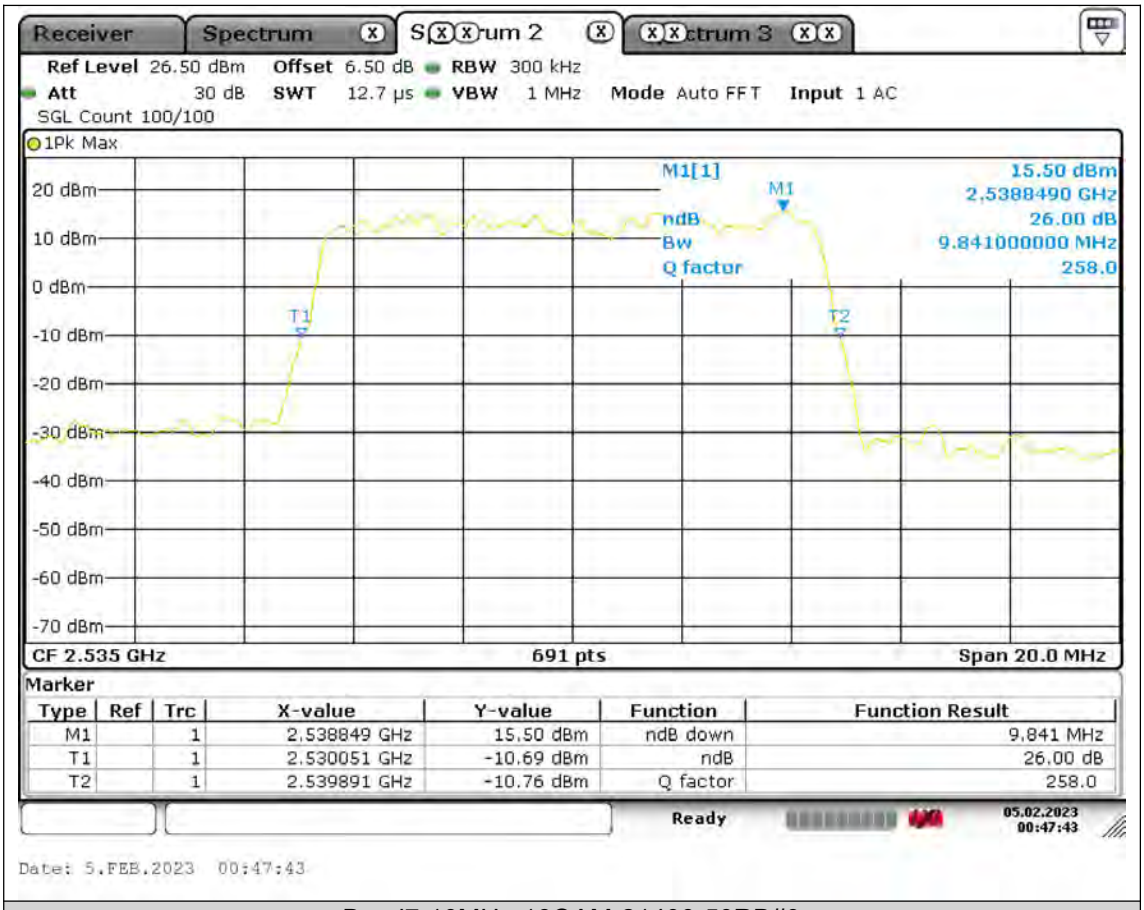


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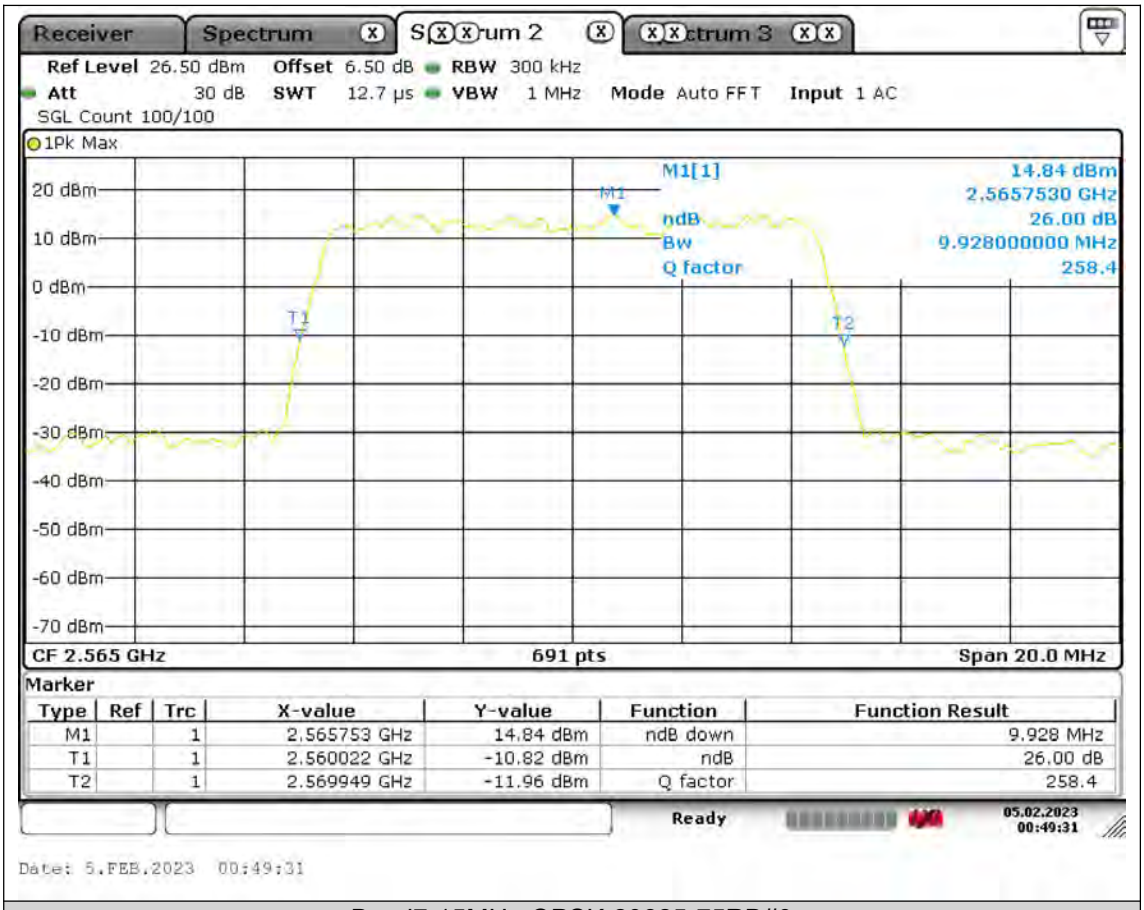


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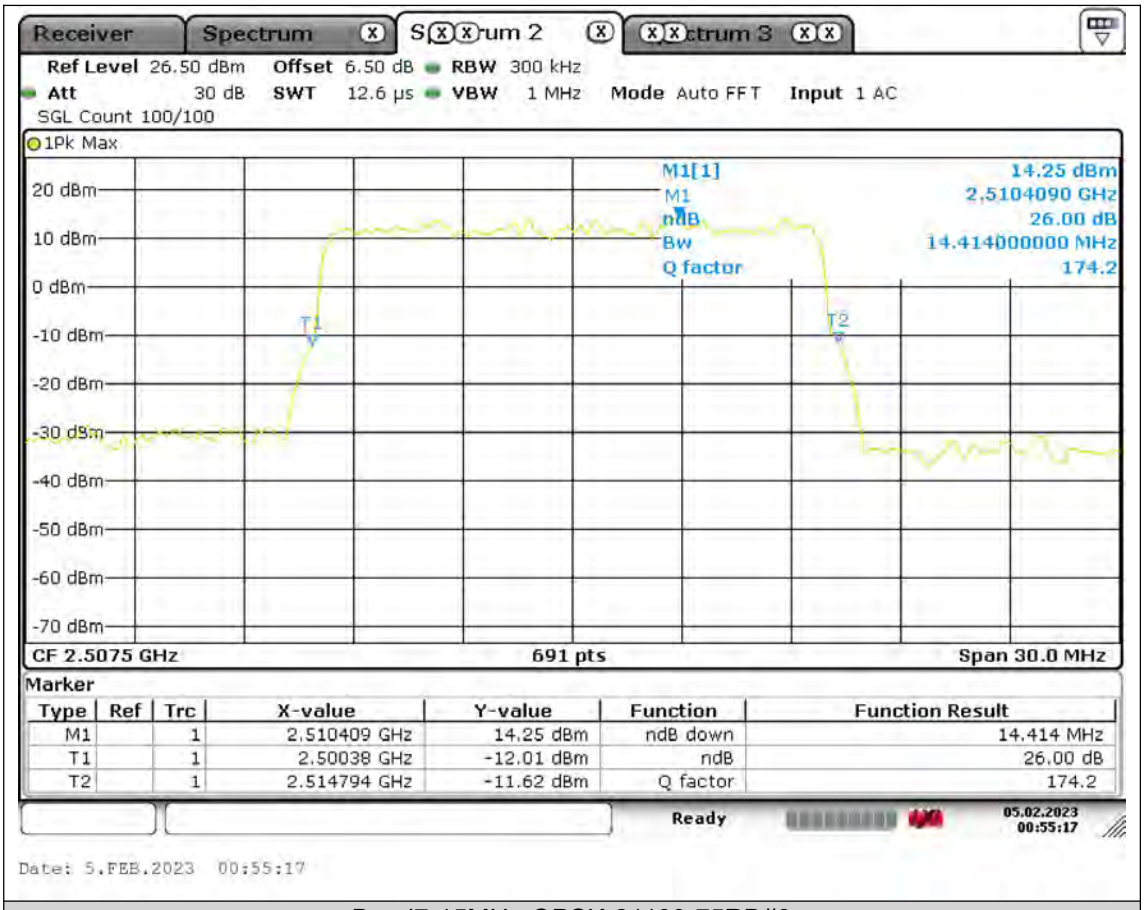


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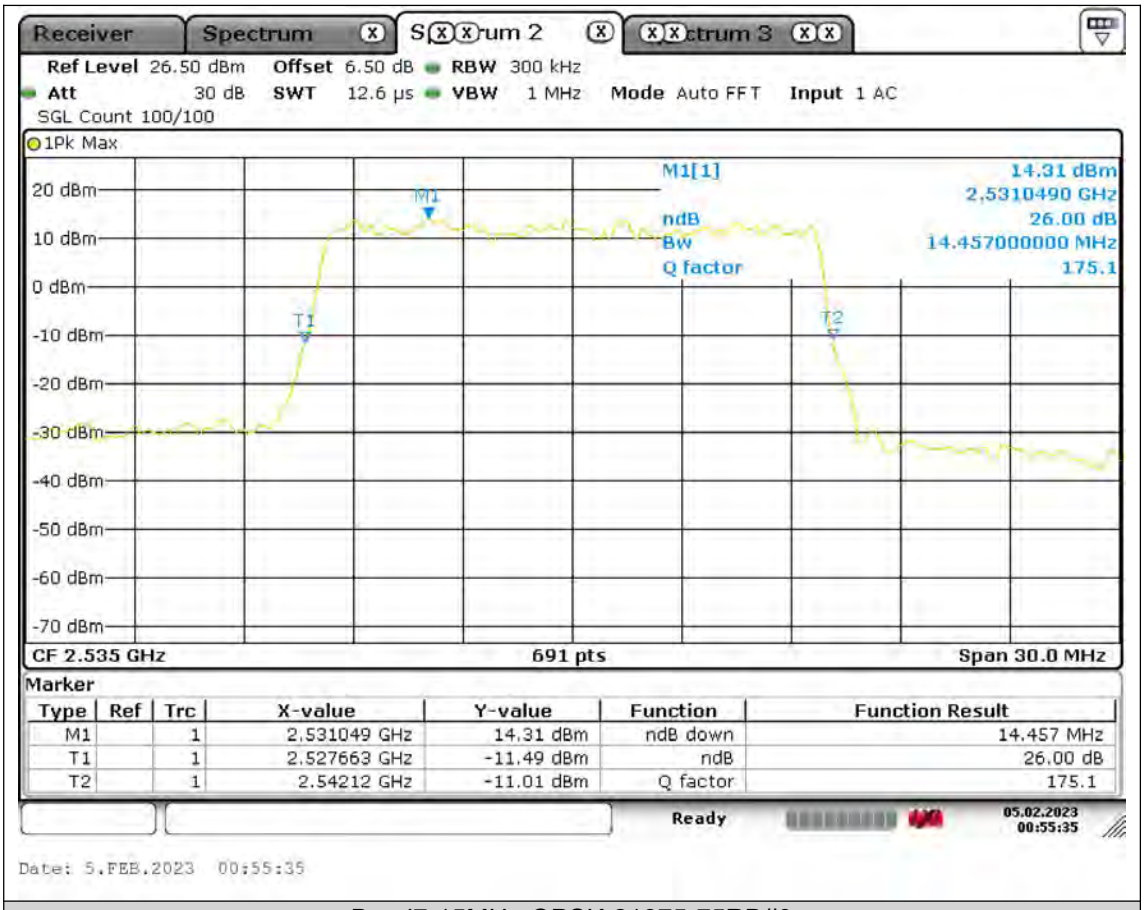


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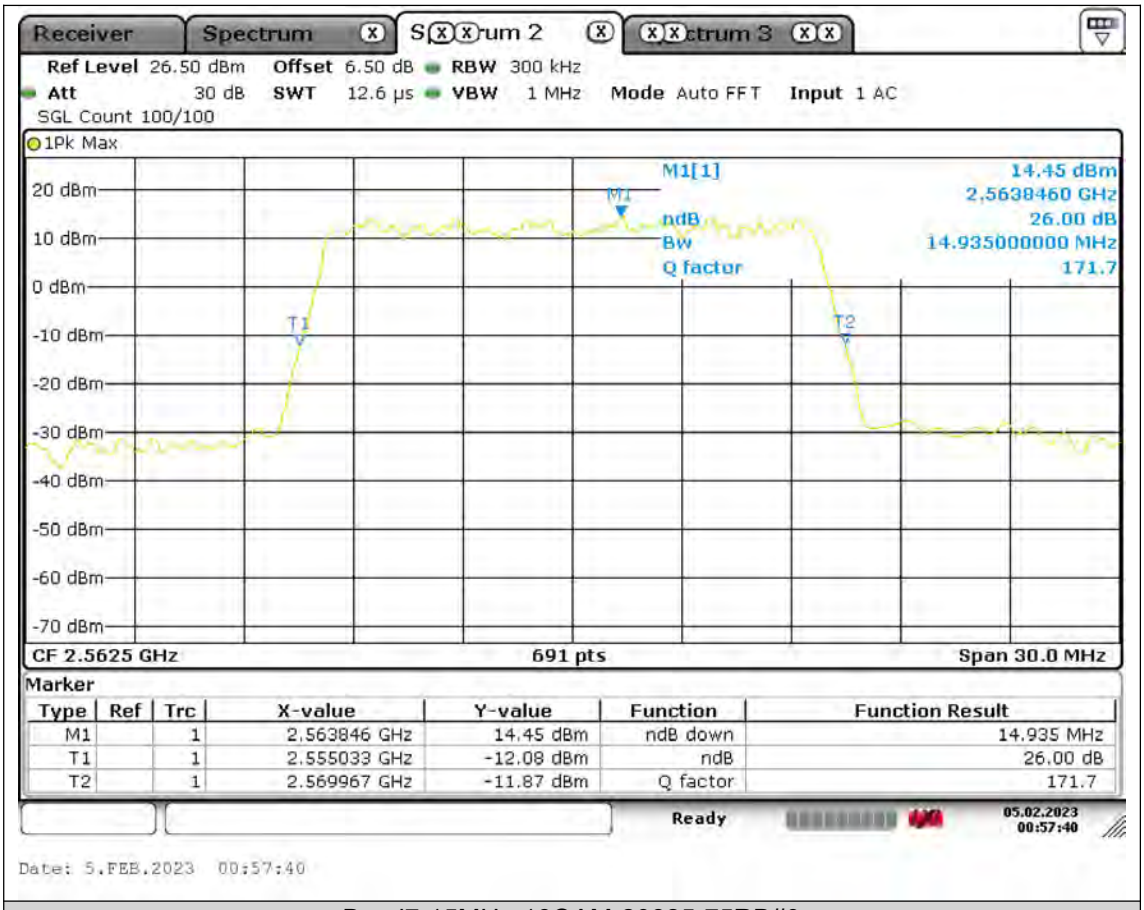


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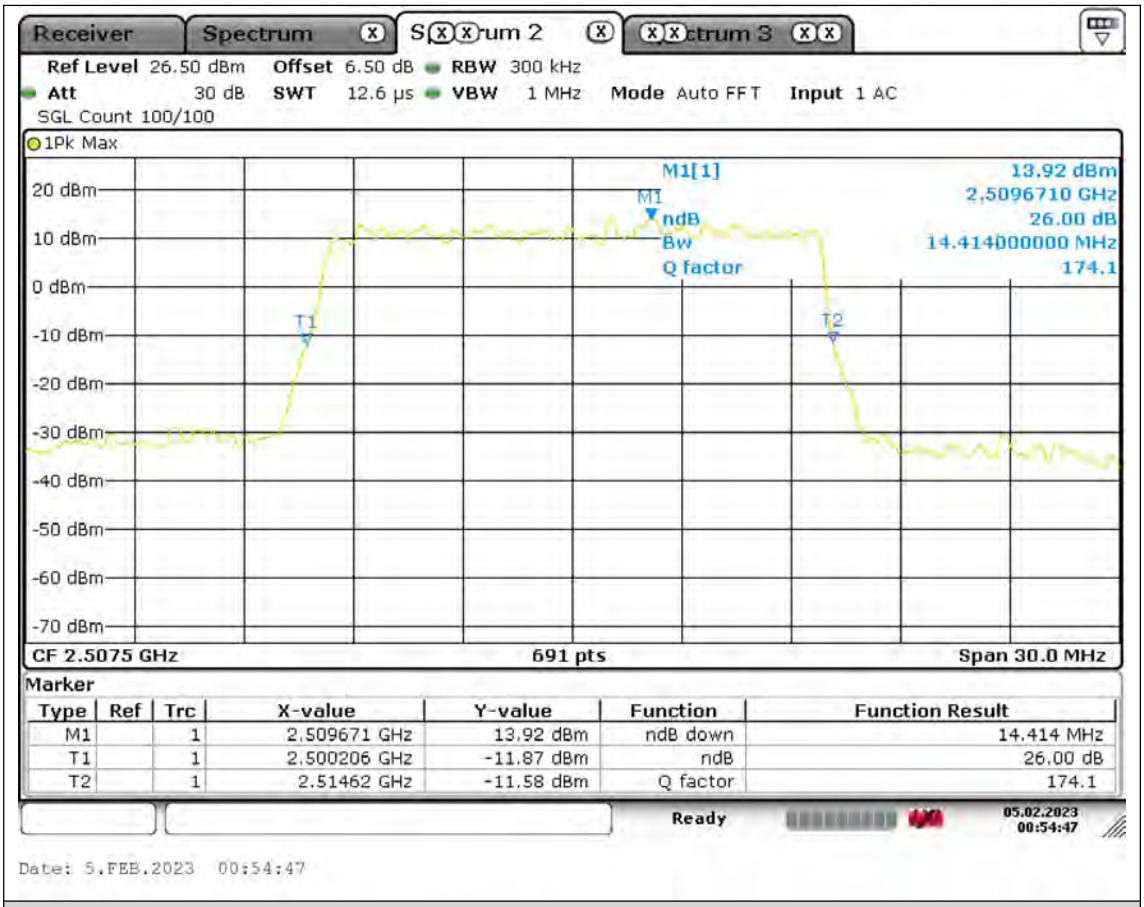


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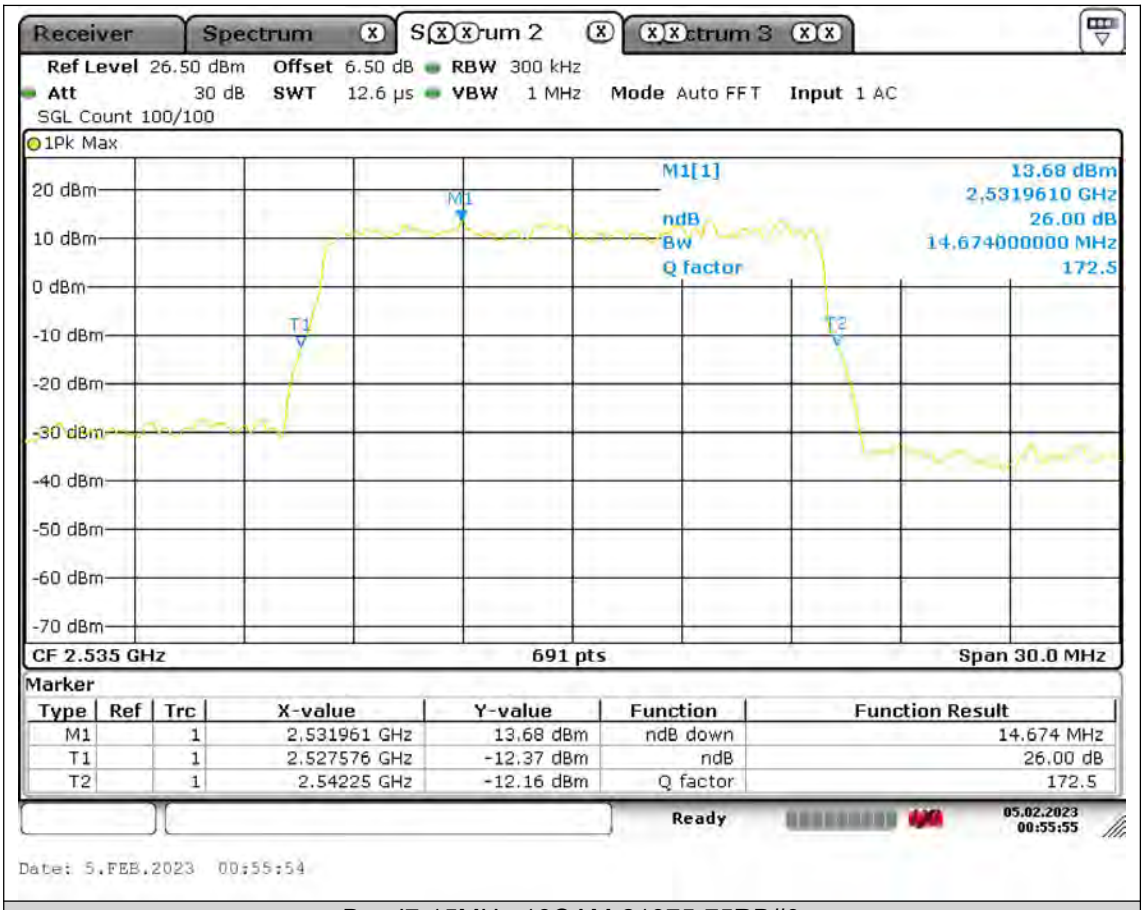


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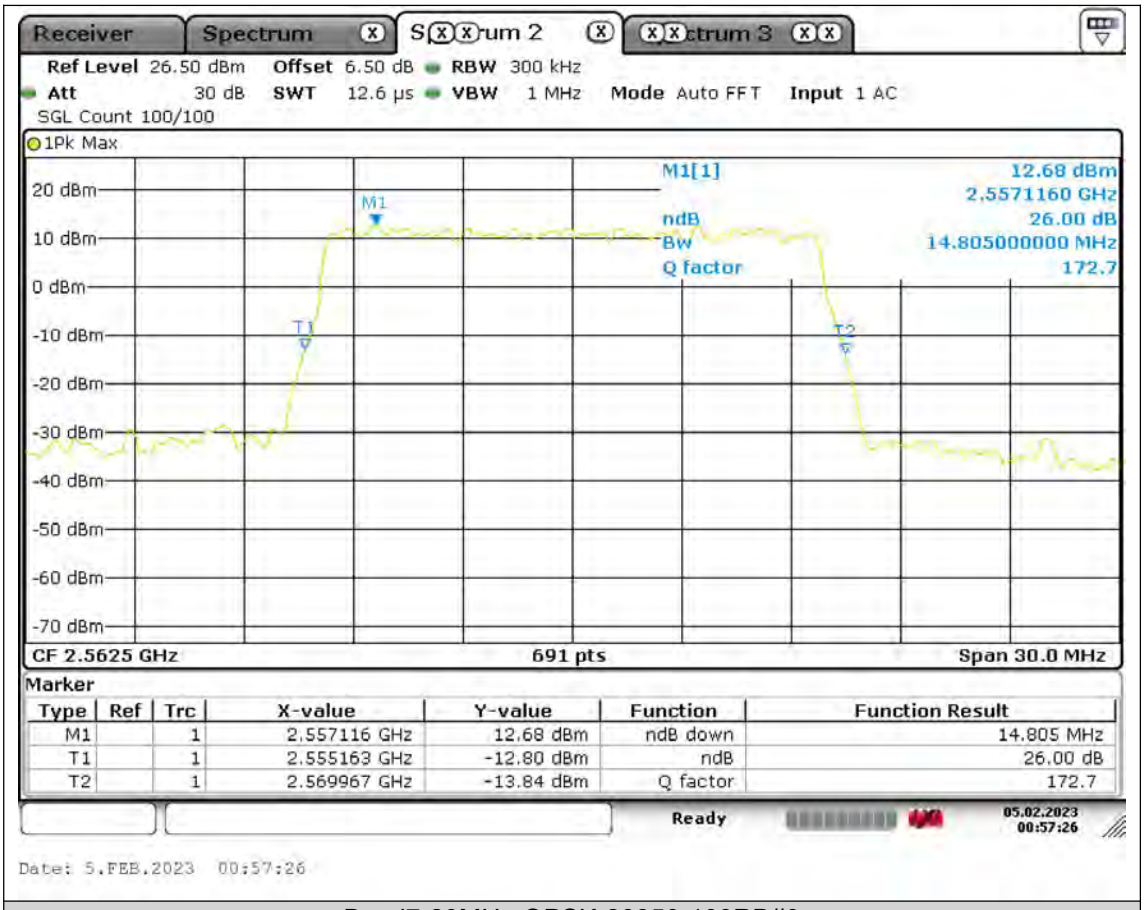


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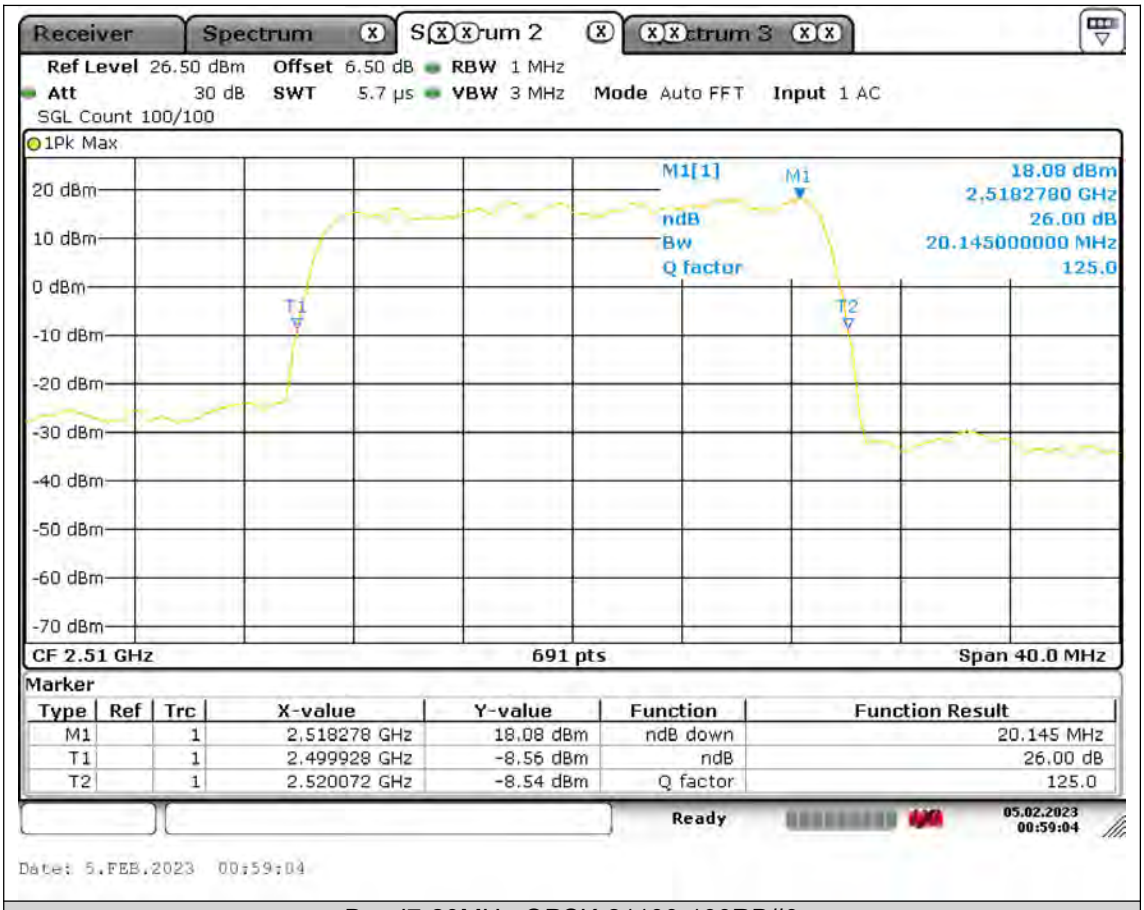


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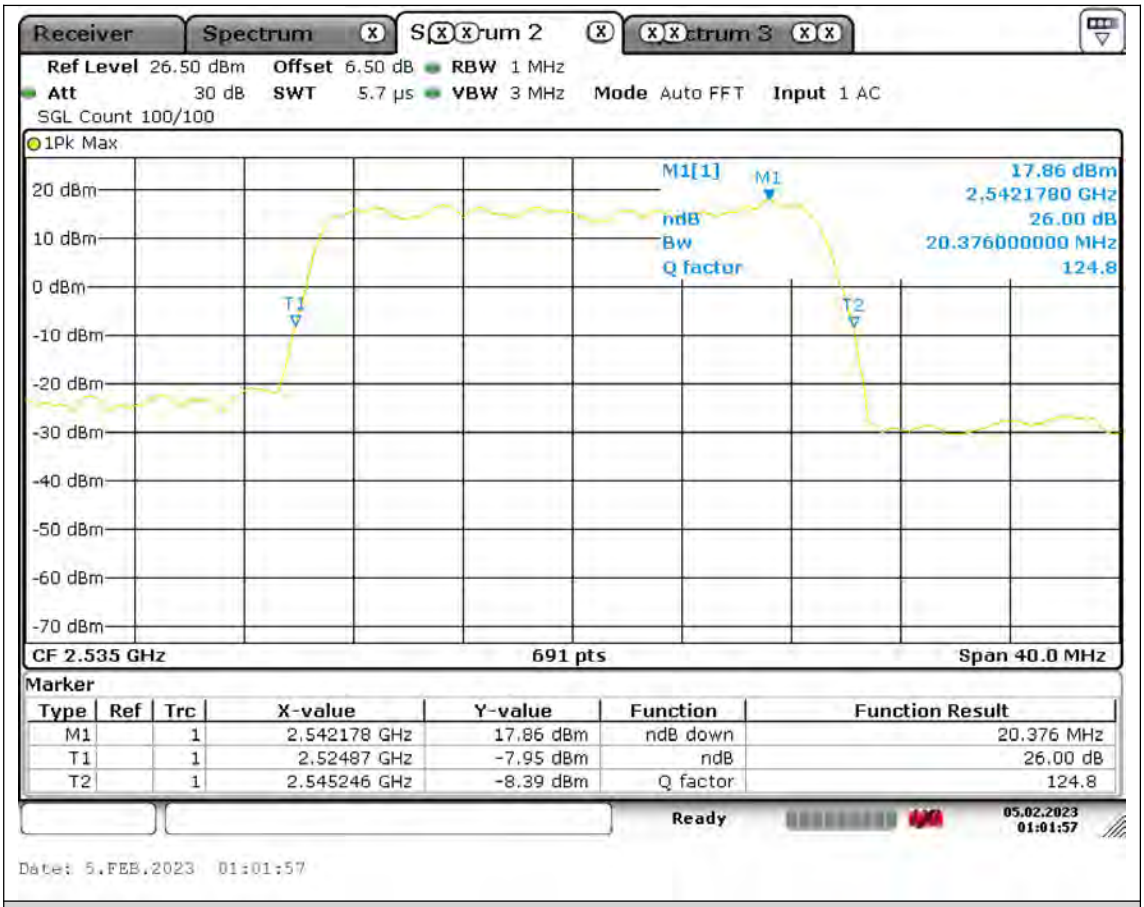


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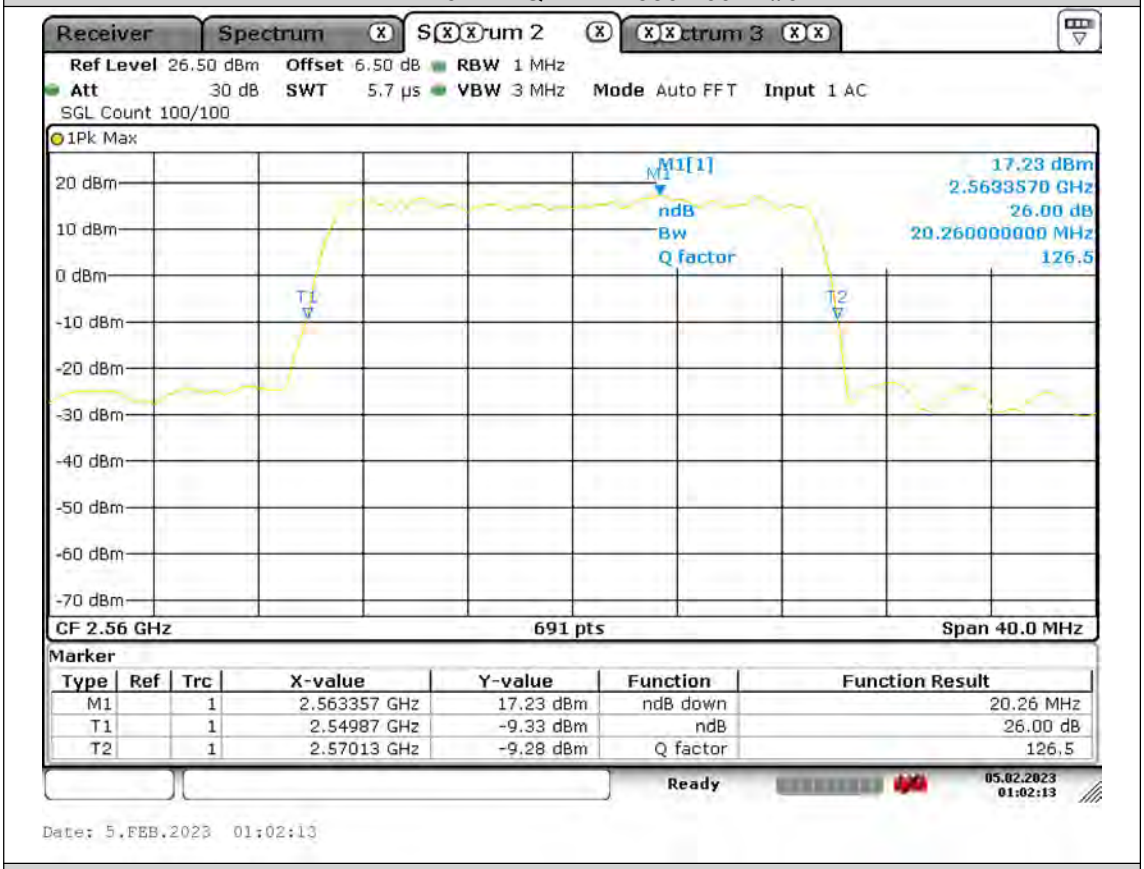


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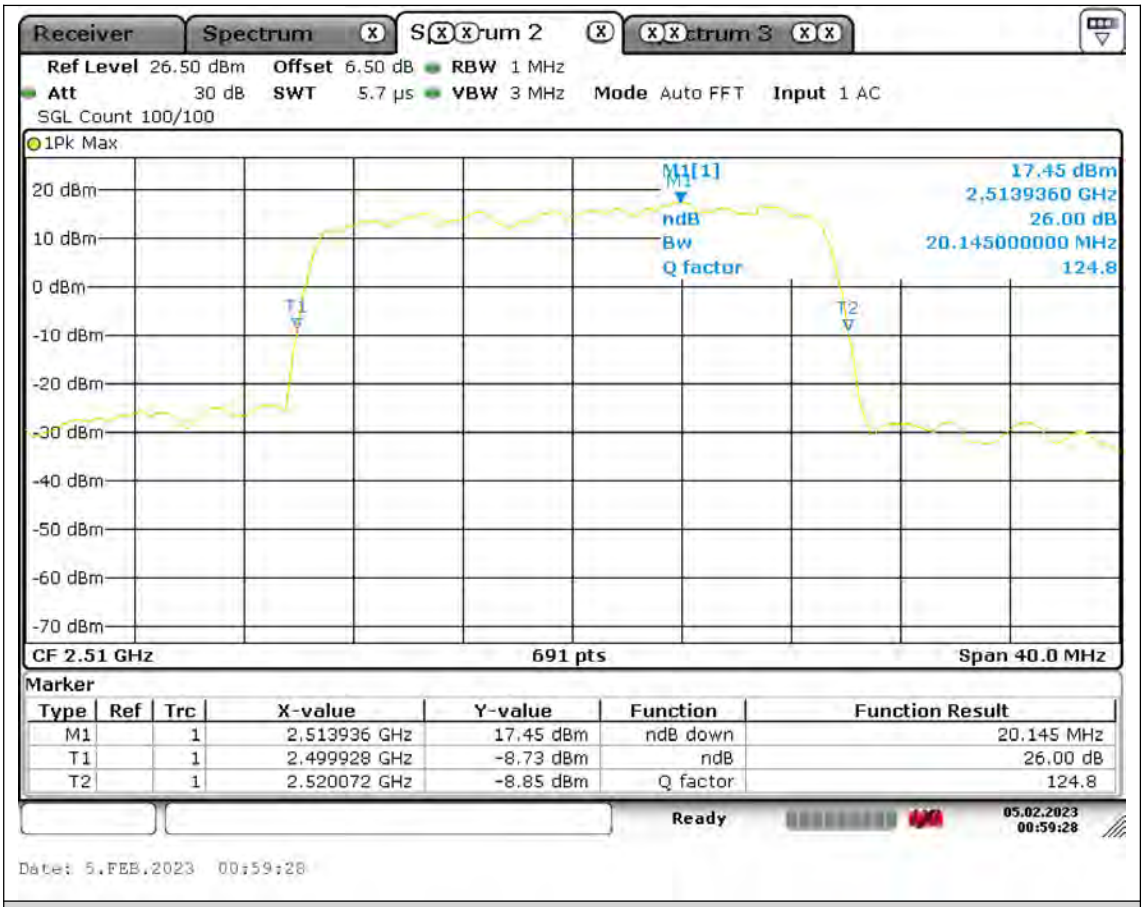


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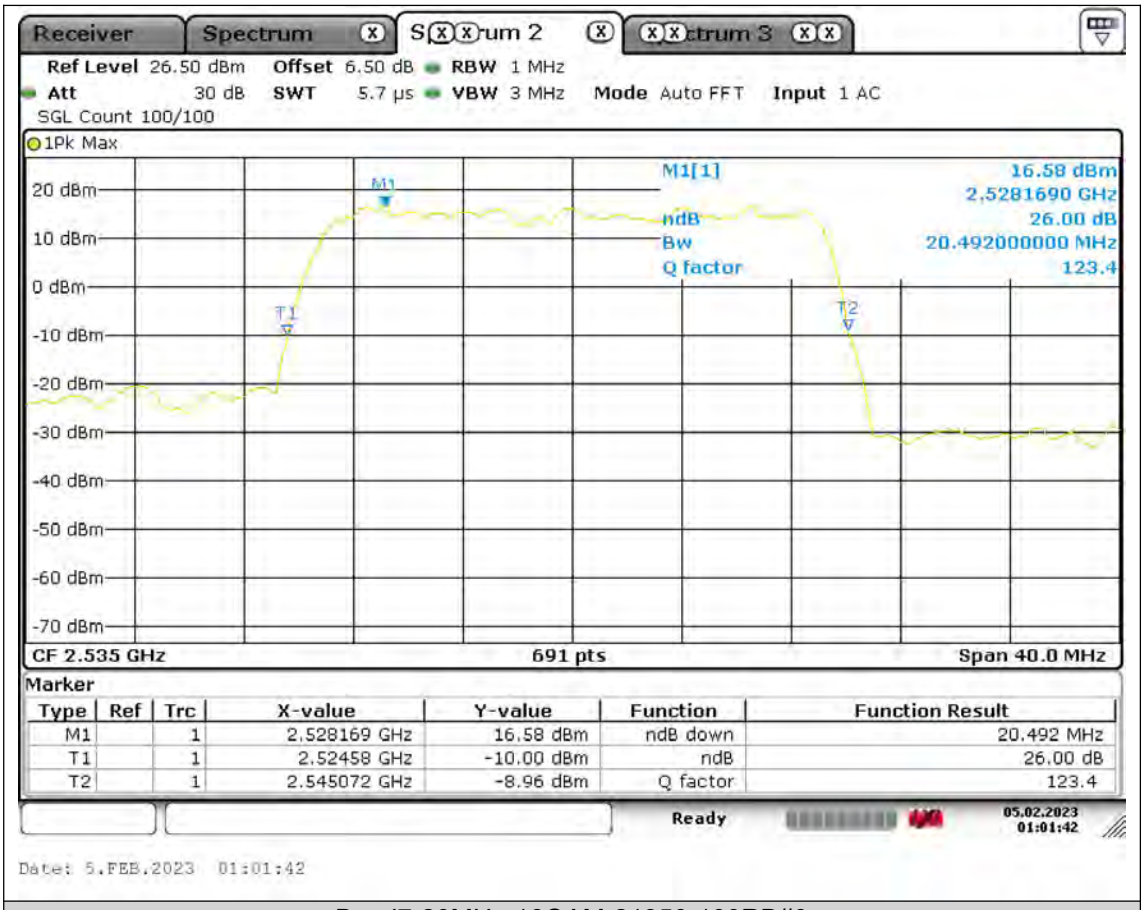


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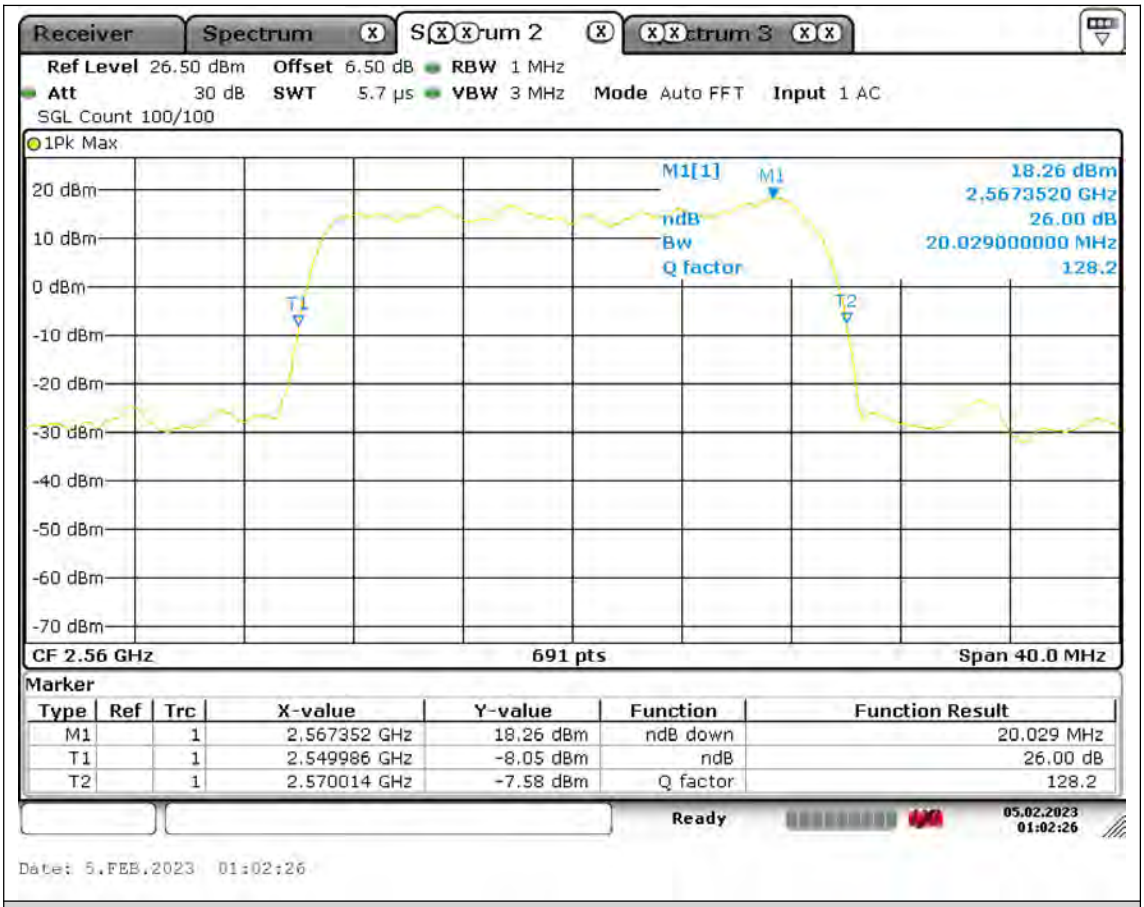


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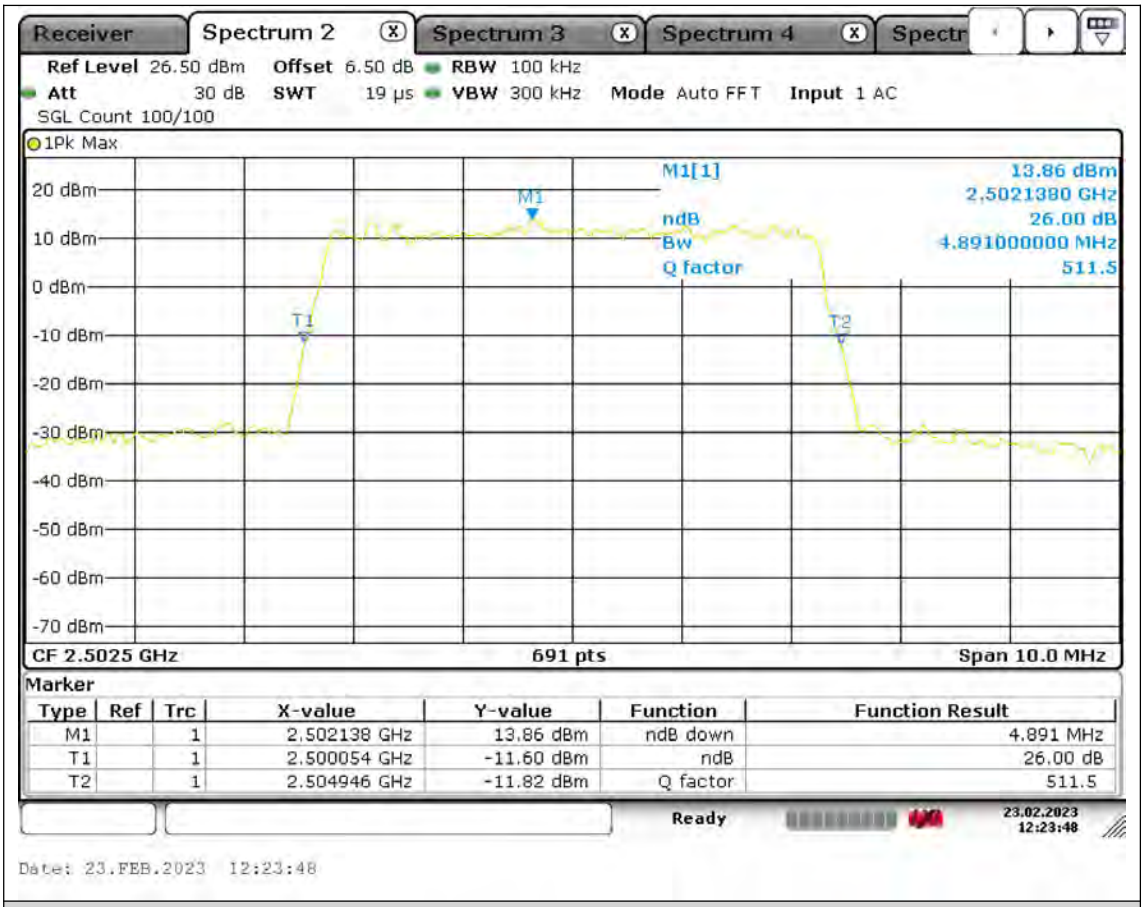


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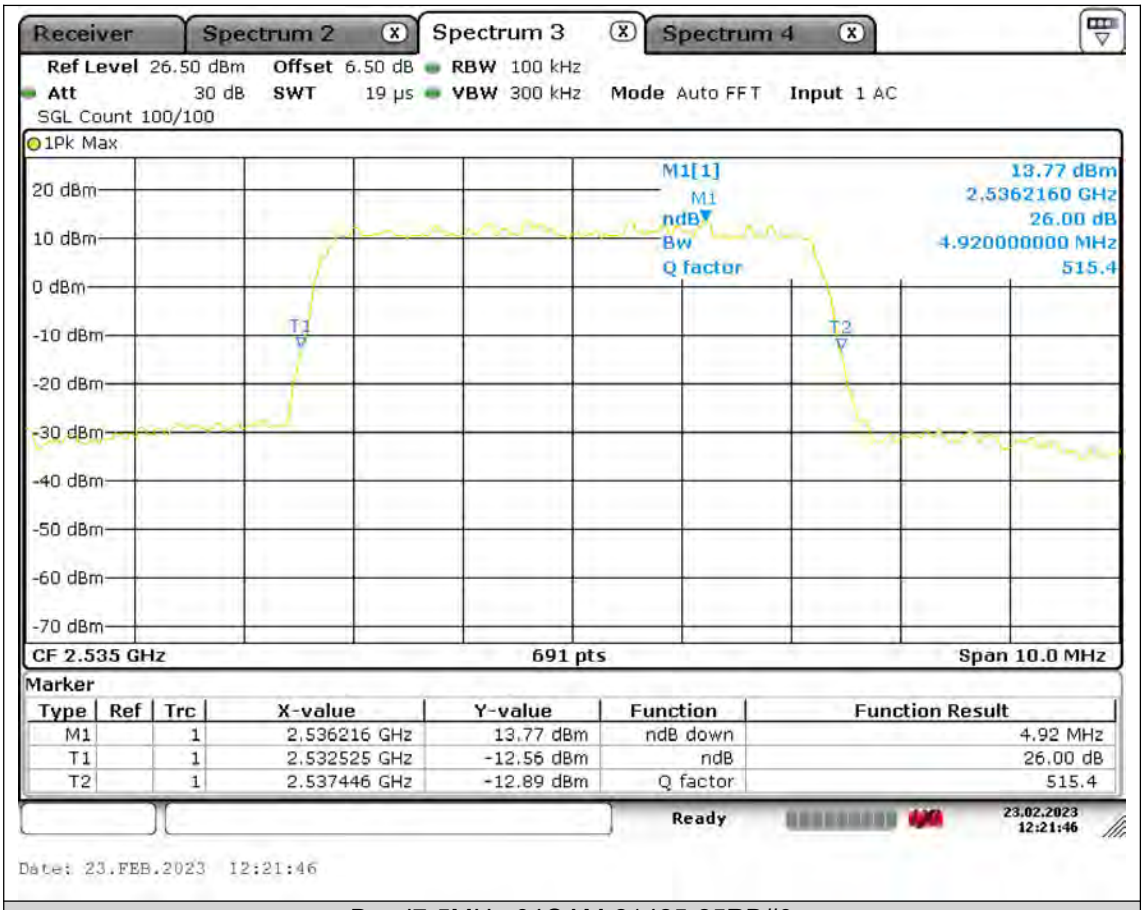


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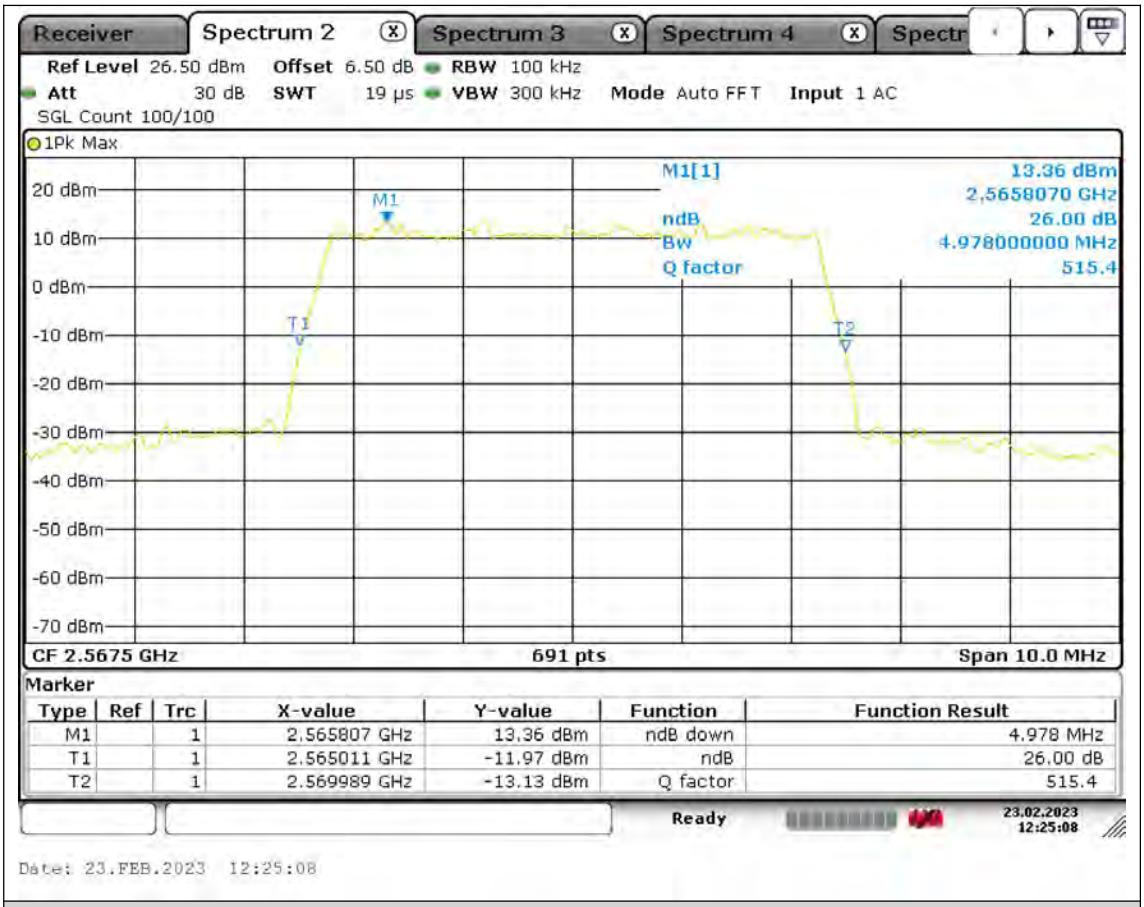


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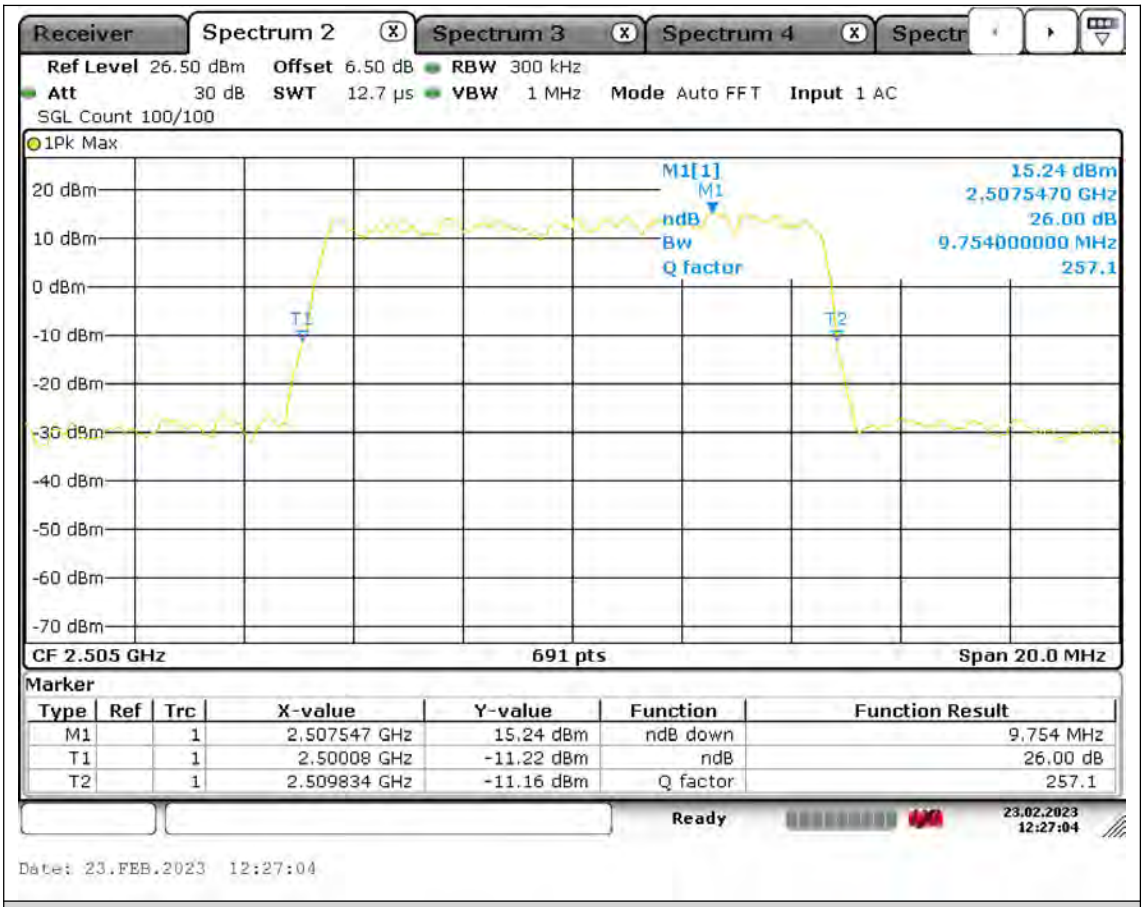


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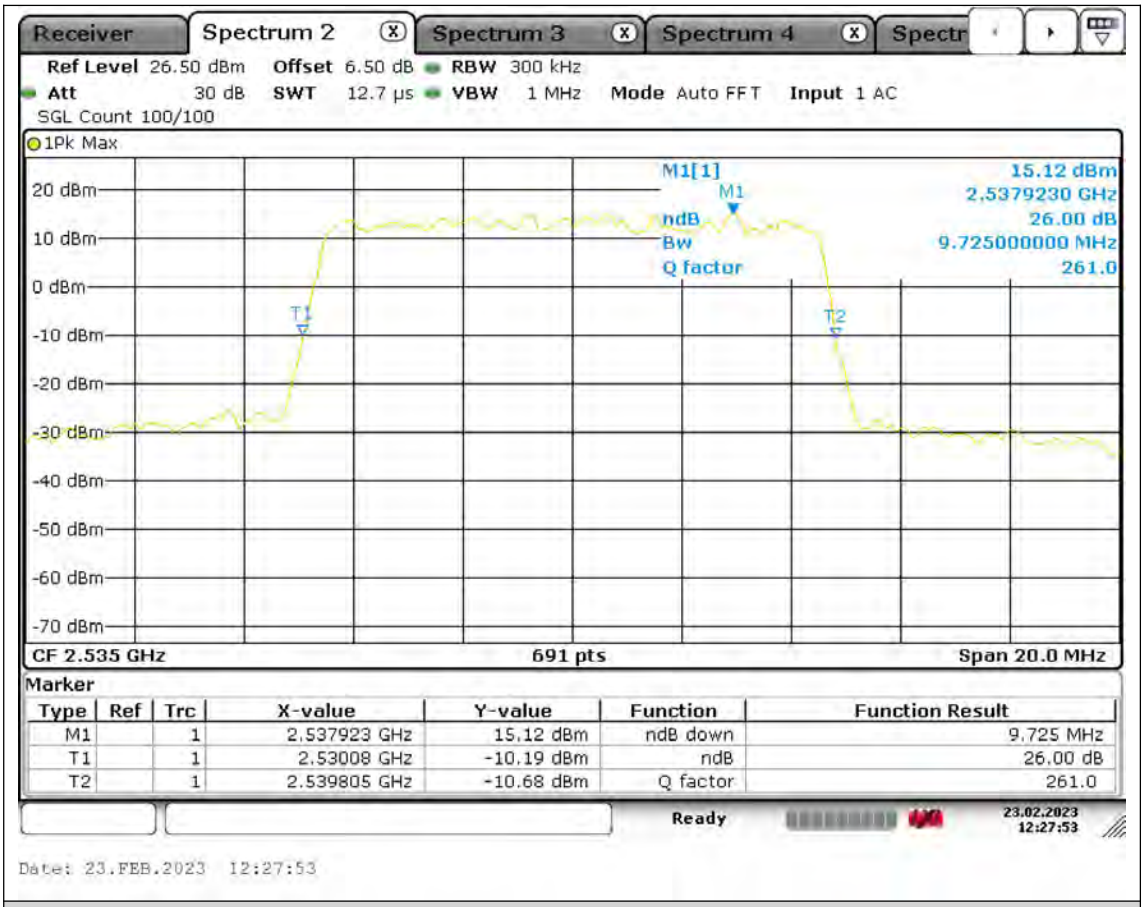


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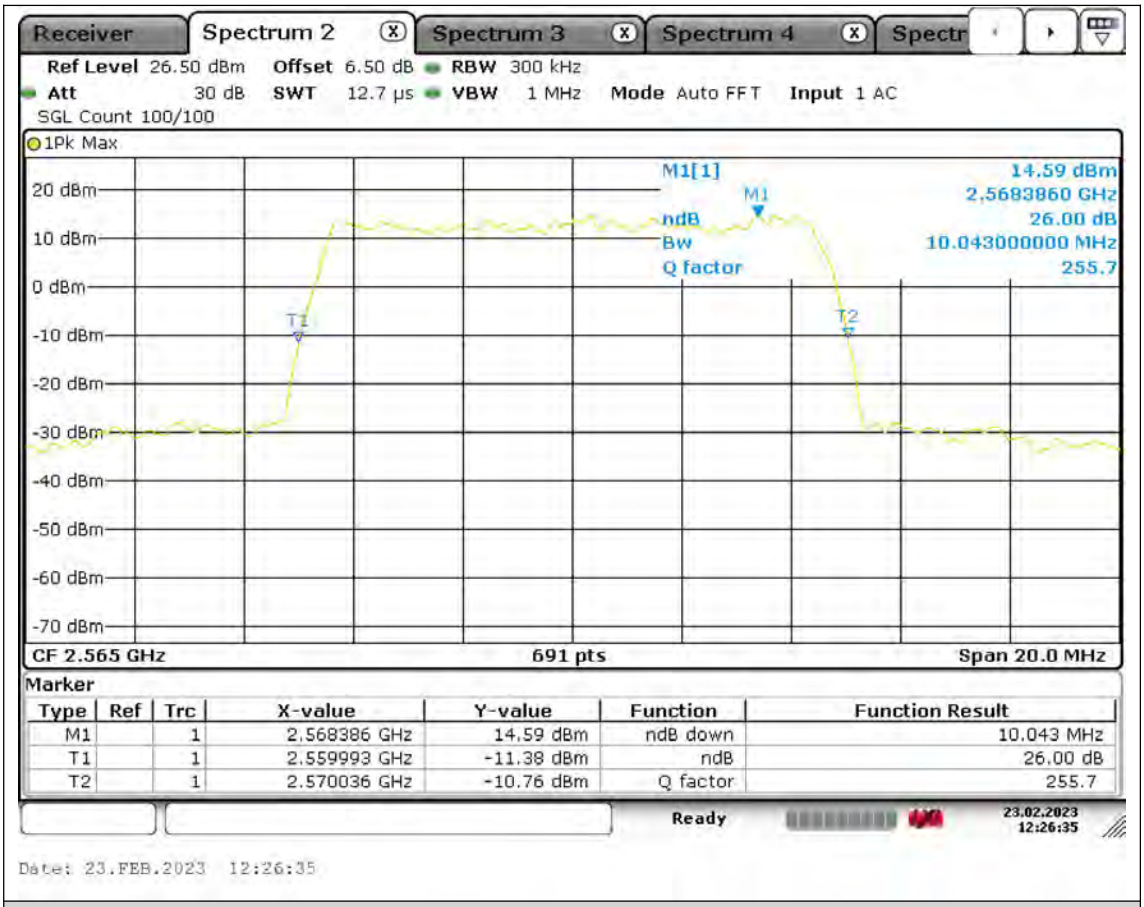


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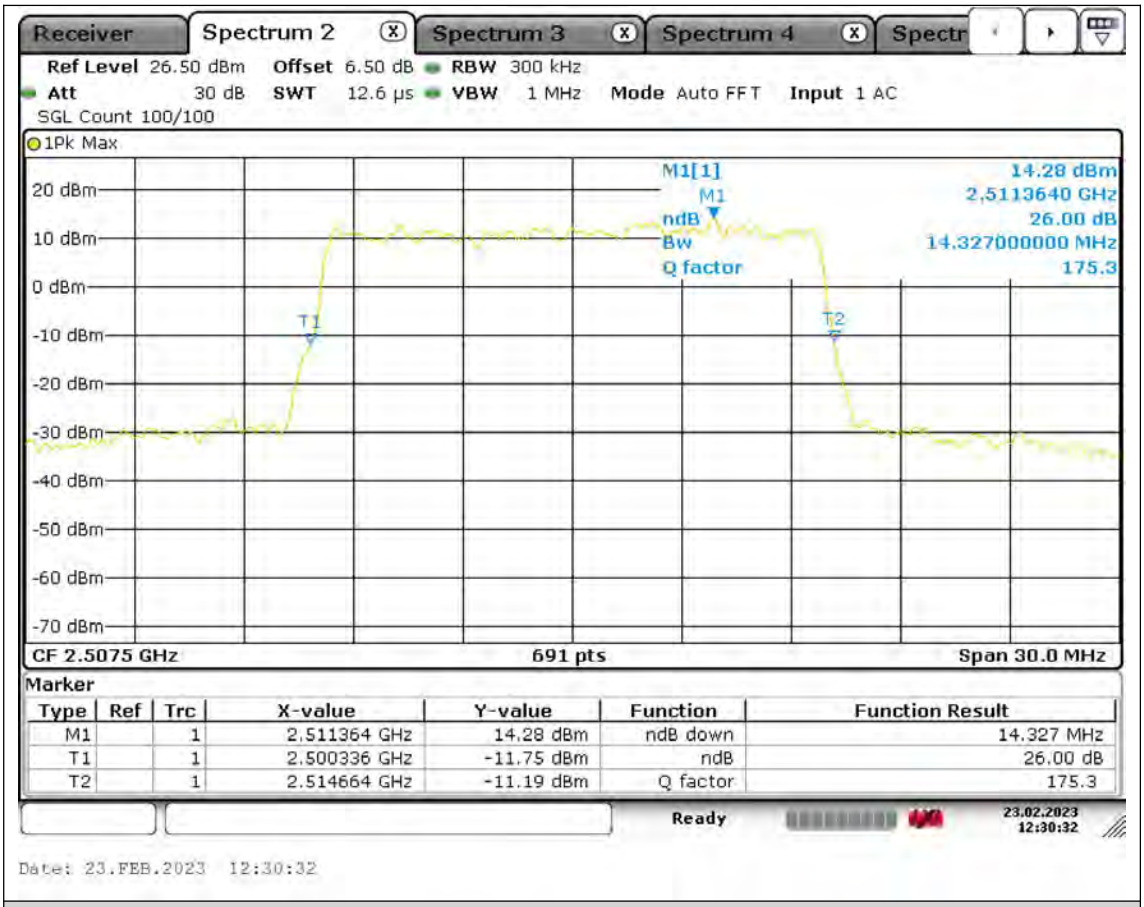


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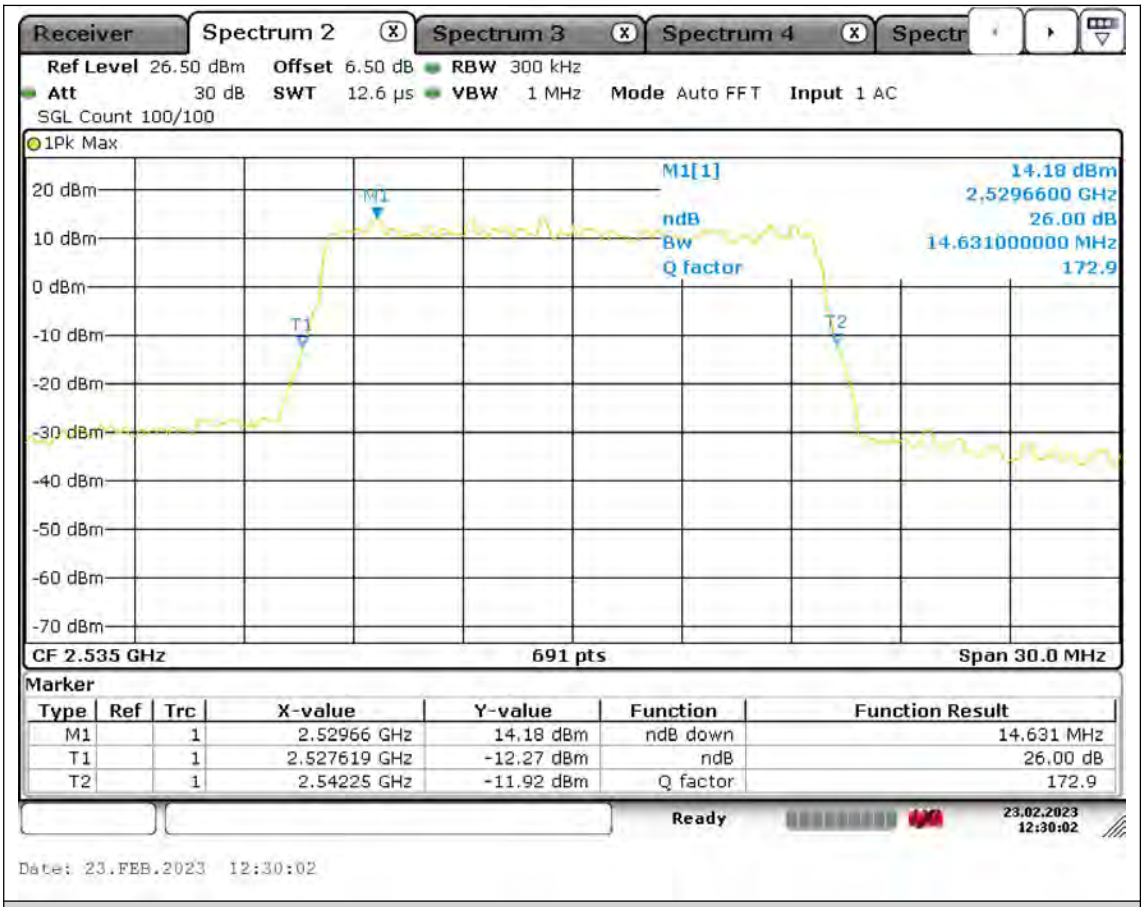


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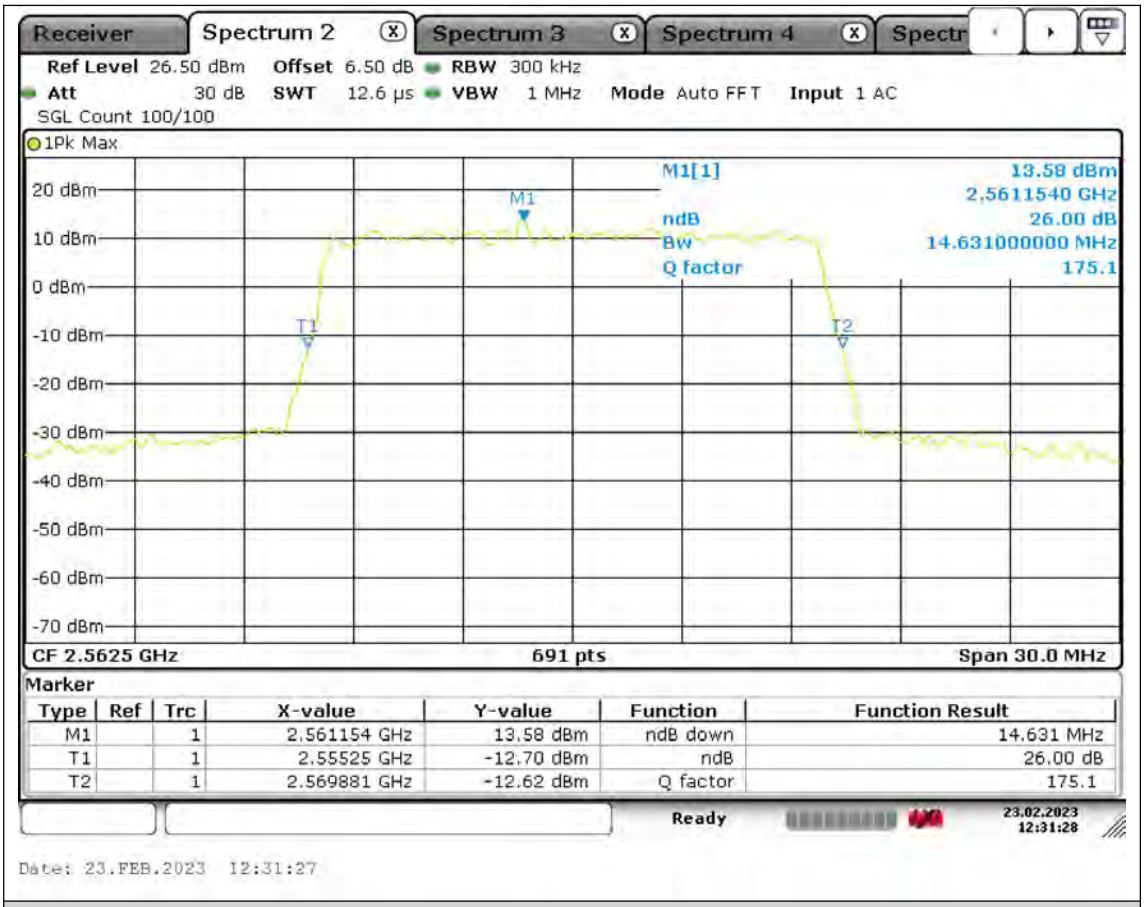


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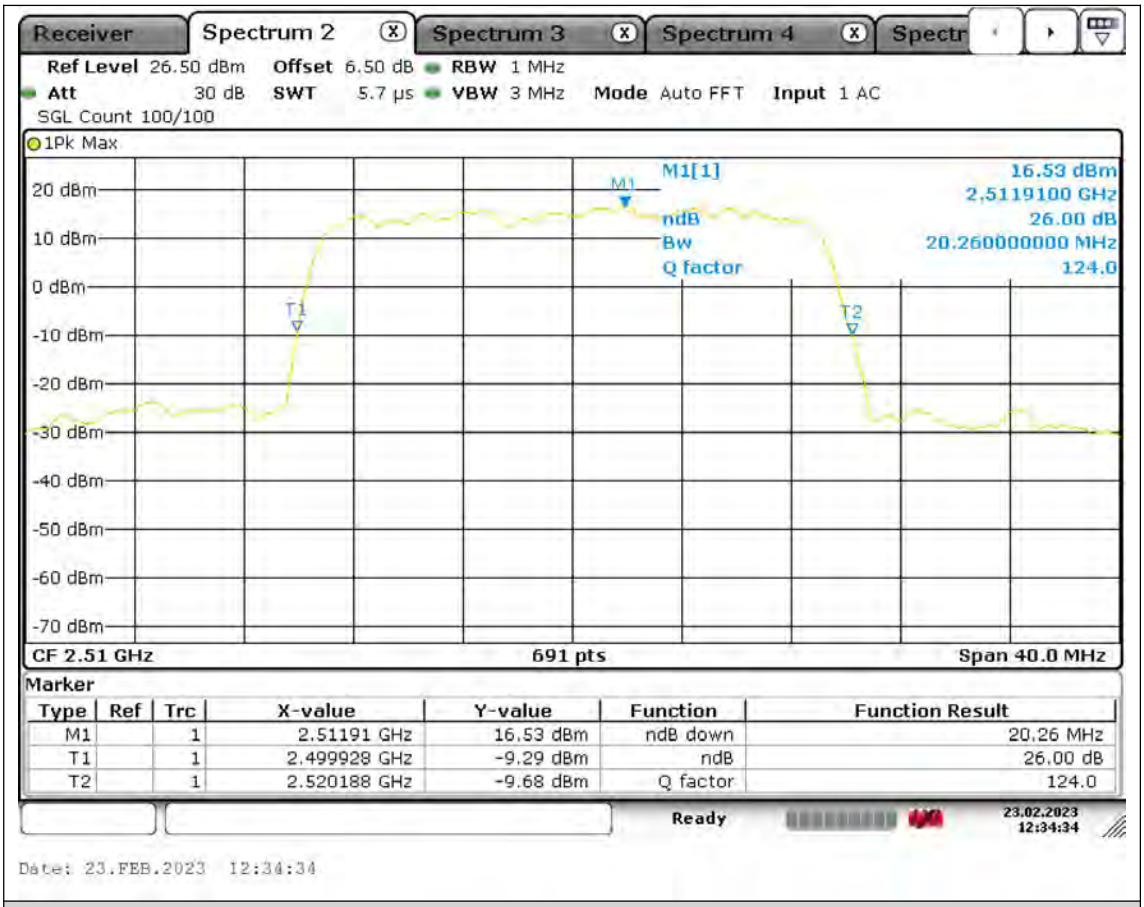
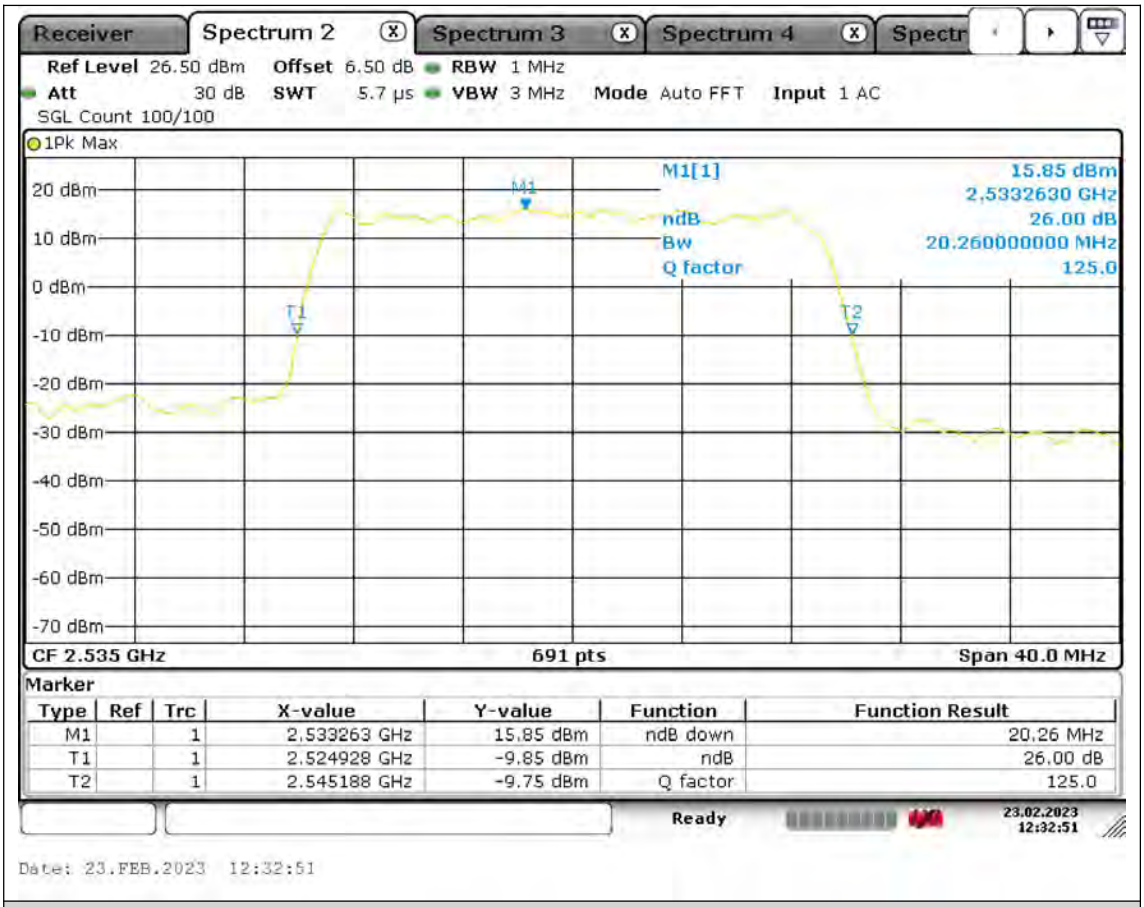
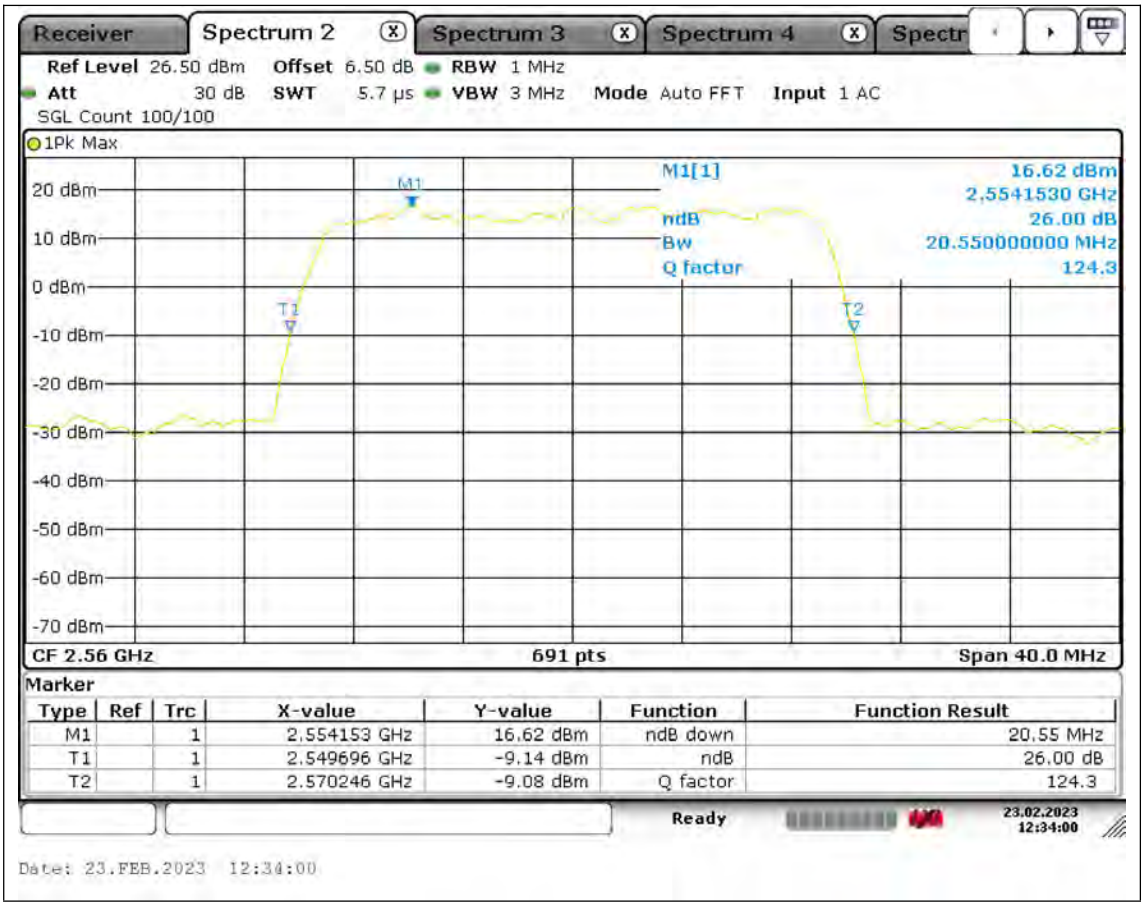



Band7-20MHz-64QAM-21100-100RB#0




Band7-20MHz-6QAM-21350-100RB#0


Receiver
Spectrum 2
Spectrum 3
Spectrum 4
Spectr
Ref Level 26.50 dBm Offset 6.50 dB RBW 1 MHz
Att 30 dB SWT 5.7 µs VBW 3 MHz Mode Auto FFT Input 1 AC
SGL Count 100/100
1Pk Max
M1[1] 16.62 dBm
2.5541530 GHz
ndB 26.00 dB
Bw 20.550000000 MHz
Q factor 124.3
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
M1
T1
T2
CF 2.56 GHz
691 pts
Span 40.0 MHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 2.554153 GHz 16.62 dBm ndB down 20.55 MHz
T1 1 2.549696 GHz -9.14 dBm ndB 26.00 dB
T2 1 2.570246 GHz -9.08 dBm Q factor 124.3
Ready
23.02.2023
12:34:00
Date: 23.FEB.2023 12:34:00

## BAND EDGE

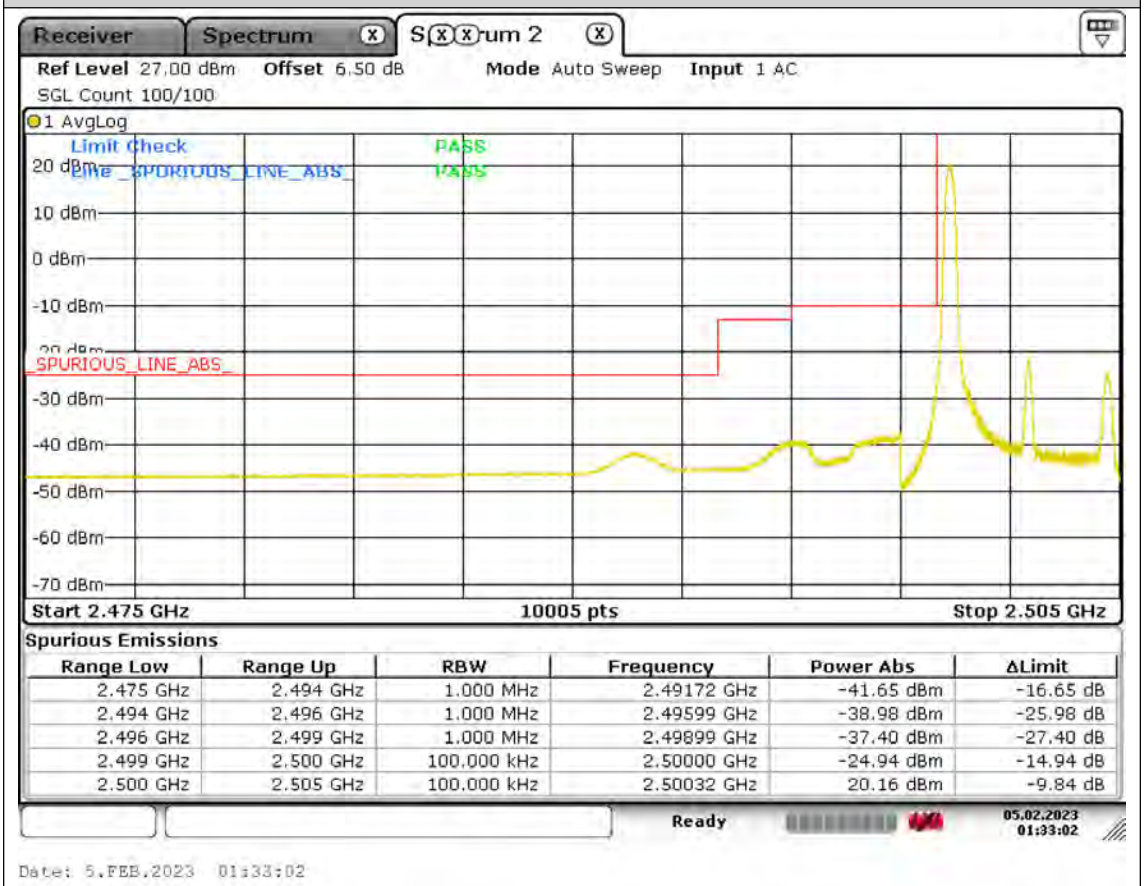
### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | -24.94 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | -28.56 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | -24.93 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | -33.37 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | -25.13 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | -28.49 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | -25.13 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | -31.49 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | -29.17 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | -30.90 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | -28.93 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | -35.07 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | -30.11 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | -31.26 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | -30.23 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | -33.71 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | -31.20 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | -31.74 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | -32.17 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | -36.79 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | -32.39 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | -32.23 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | -32.41 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | -35.61 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | -26.97 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | -32.34 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | -26.86 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | -36.72 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | -28.01 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | -32.73 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | -27.55 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | -36.17 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | -28.67 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | -27.63 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24 | -28.74 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | -29.16 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | -34.60 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | -30.52 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49 | -35.89 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | -31.57 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | -36.93 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | -31.08 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74 | -37.60 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | -32.53 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | -30.13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | -32.48 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99 | -31.75 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | -35.33 | PASS |

## Test Graphs

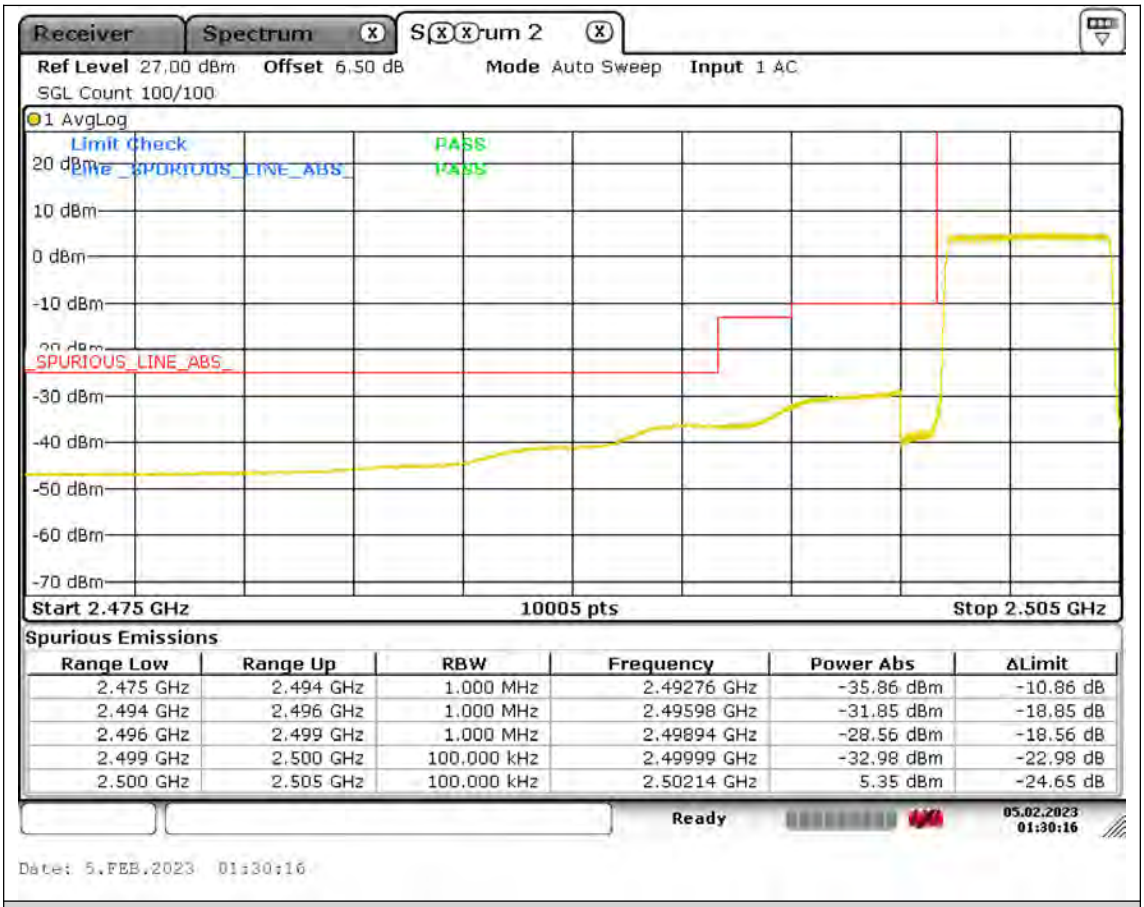
### 1.1.1 Band7-5MHz-QPSK-20775-1RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49172 GHz | -41.65 dBm | -16.65 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49599 GHz | -38.98 dBm | -25.98 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -37.40 dBm | -27.40 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -24.94 dBm | -14.94 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50032 GHz | 20.16 dBm | -9.84 dB |

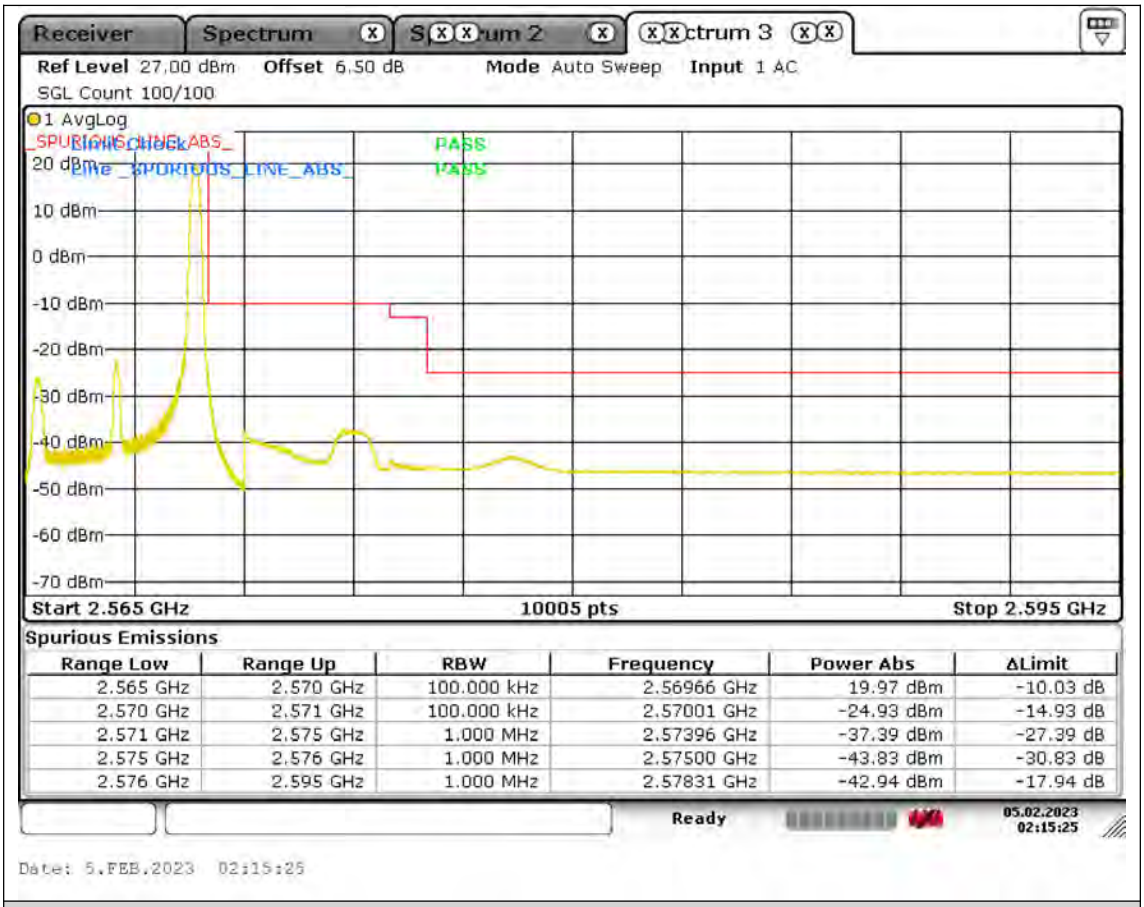
Band7-5MHz-QPSK-20775-25RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49276 GHz | -35.86 dBm | -10.86 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49598 GHz | -31.85 dBm | -18.85 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49894 GHz | -28.56 dBm | -18.56 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.49999 GHz | -32.98 dBm | -22.98 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50214 GHz | 5.35 dBm | -24.65 dB |

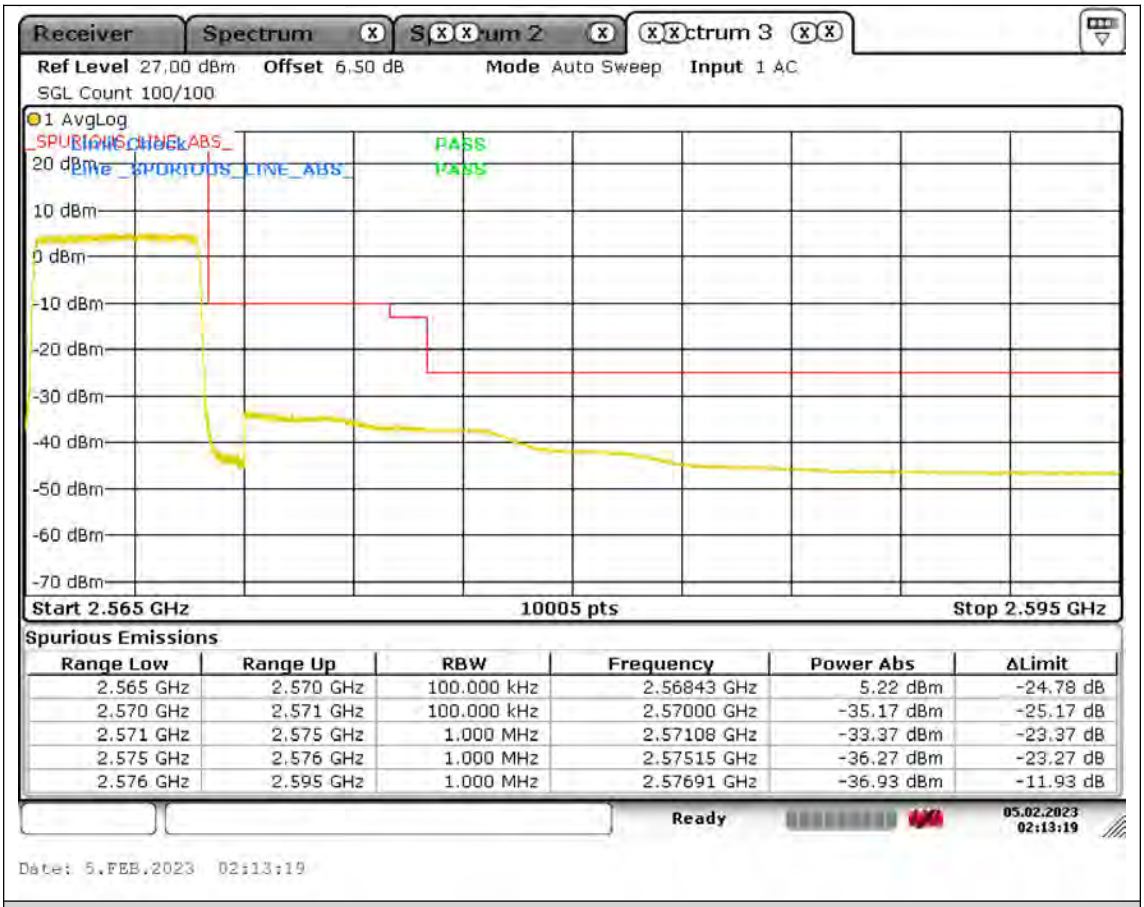
Band7-5MHz-QPSK-21425-1RB#24




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56966 GHz | 19.97 dBm | -10.03 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57001 GHz | -24.93 dBm | -14.93 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57396 GHz | -37.39 dBm | -27.39 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57500 GHz | -43.83 dBm | -30.83 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57831 GHz | -42.94 dBm | -17.94 dB |

Band7-5MHz-QPSK-21425-25RB#0




Spurious Emissions

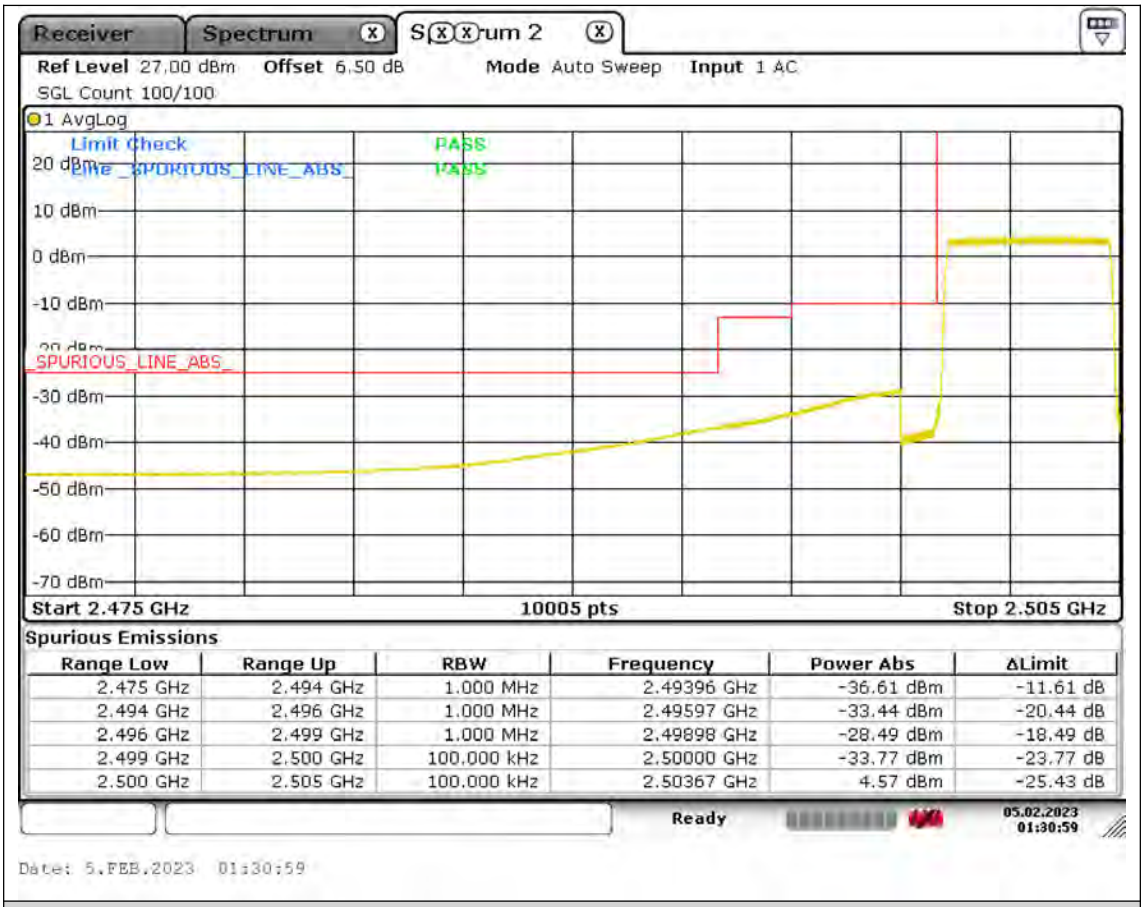
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56843 GHz | 5.22 dBm | -24.78 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -35.17 dBm | -25.17 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57108 GHz | -33.37 dBm | -23.37 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57515 GHz | -36.27 dBm | -23.27 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57691 GHz | -36.93 dBm | -11.93 dB |

Band7-5MHz-16QAM-20775-1RB#0

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49163 GHz | -42.20 dBm | -17.20 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49600 GHz | -40.14 dBm | -27.14 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49898 GHz | -38.48 dBm | -28.48 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -25.13 dBm | -15.13 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50035 GHz | 19.24 dBm | -10.76 dB |

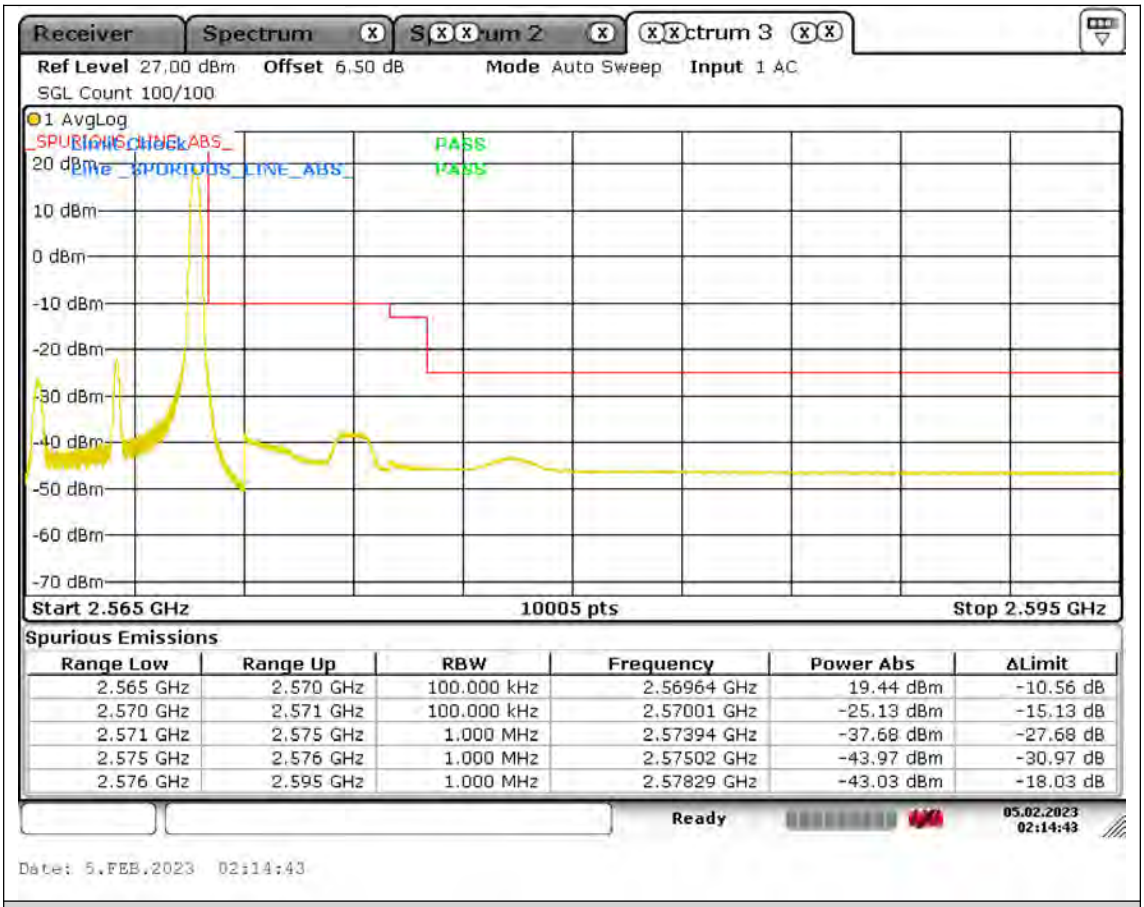
Band7-5MHz-16QAM-20775-25RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49396 GHz | -36.61 dBm | -11.61 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49597 GHz | -33.44 dBm | -20.44 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49898 GHz | -28.49 dBm | -18.49 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -33.77 dBm | -23.77 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50367 GHz | 4.57 dBm | -25.43 dB |

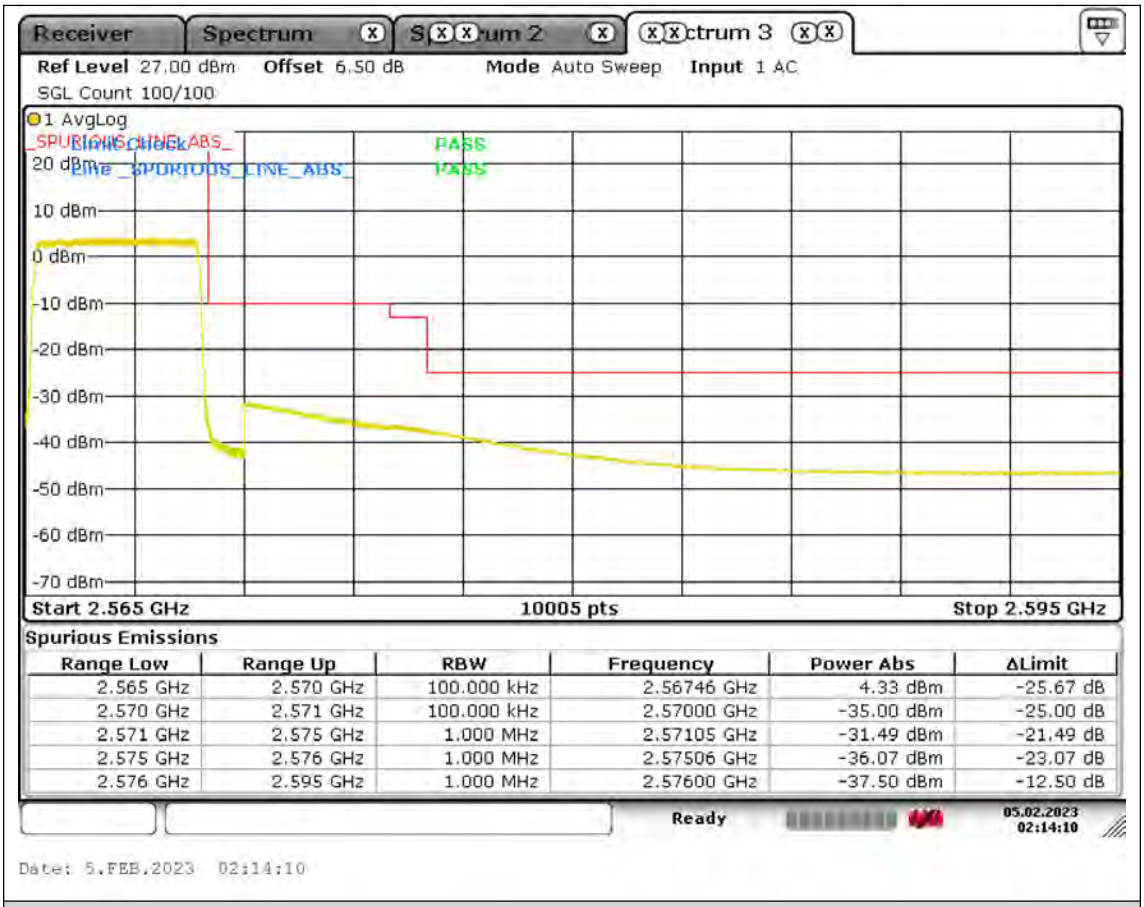
Band7-5MHz-16QAM-21425-1RB#24




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56964 GHz | 19.44 dBm | -10.56 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57001 GHz | -25.13 dBm | -15.13 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57394 GHz | -37.68 dBm | -27.68 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57502 GHz | -43.97 dBm | -30.97 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57829 GHz | -43.03 dBm | -18.03 dB |

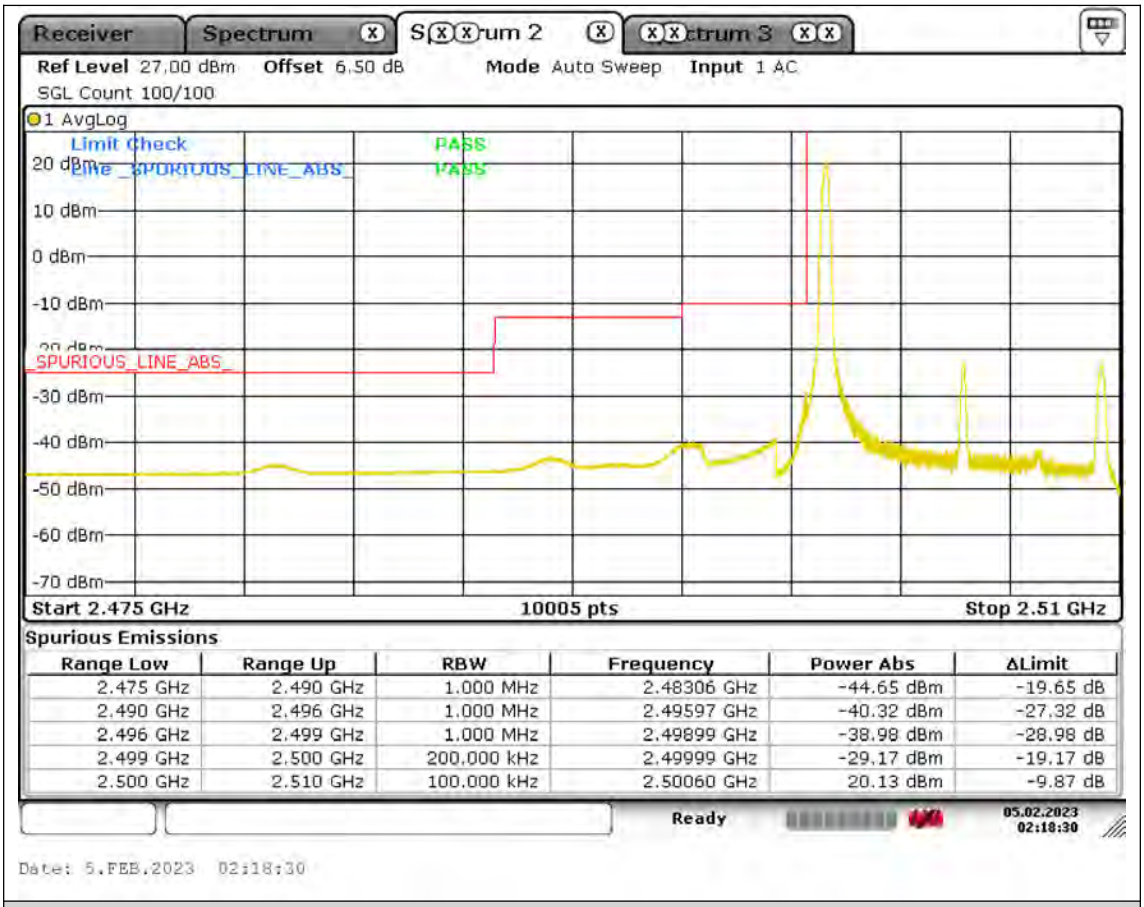
Band7-5MHz-16QAM-21425-25RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56746 GHz | 4.33 dBm | -25.67 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -35.00 dBm | -25.00 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57105 GHz | -31.49 dBm | -21.49 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57506 GHz | -36.07 dBm | -23.07 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57600 GHz | -37.50 dBm | -12.50 dB |

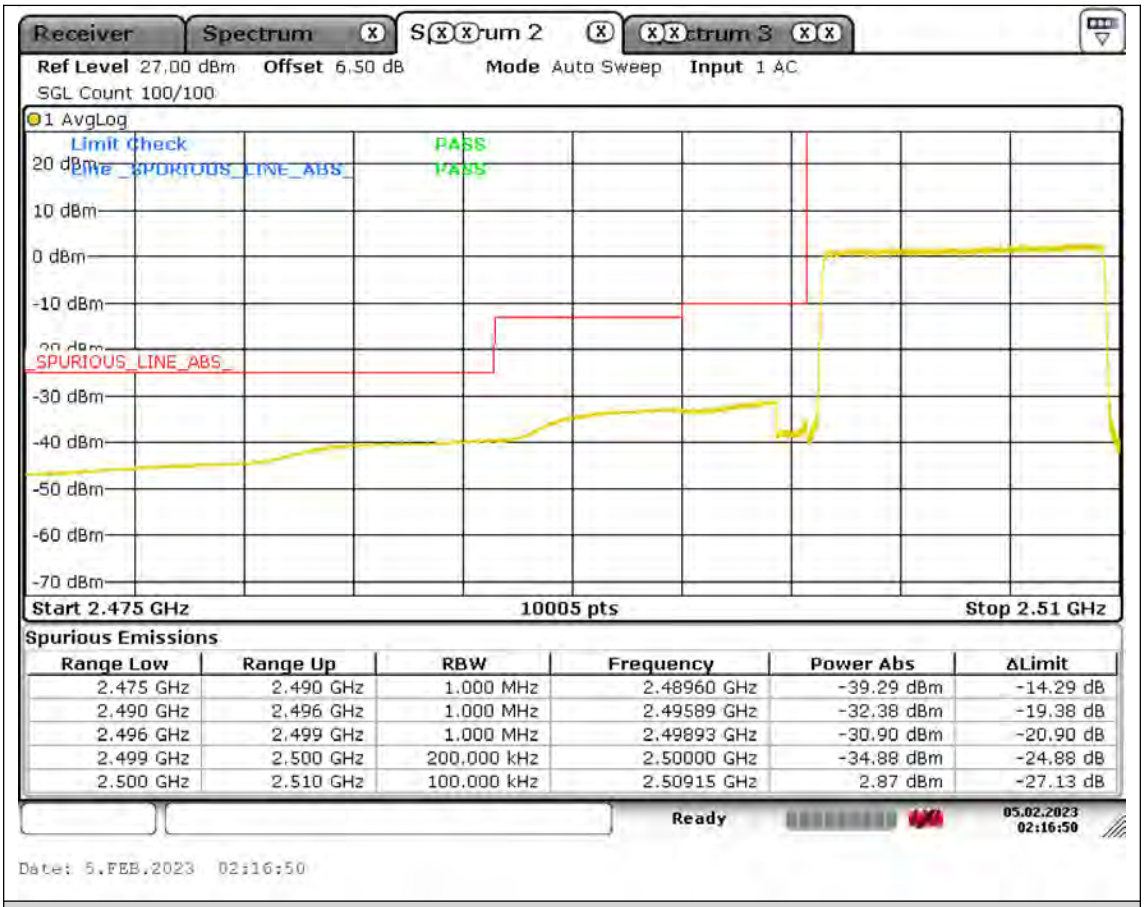
Band7-10MHz-QPSK-20800-1RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48306 GHz | -44.65 dBm | -19.65 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49597 GHz | -40.32 dBm | -27.32 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -38.98 dBm | -28.98 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.49999 GHz | -29.17 dBm | -19.17 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50060 GHz | 20.13 dBm | -9.87 dB |

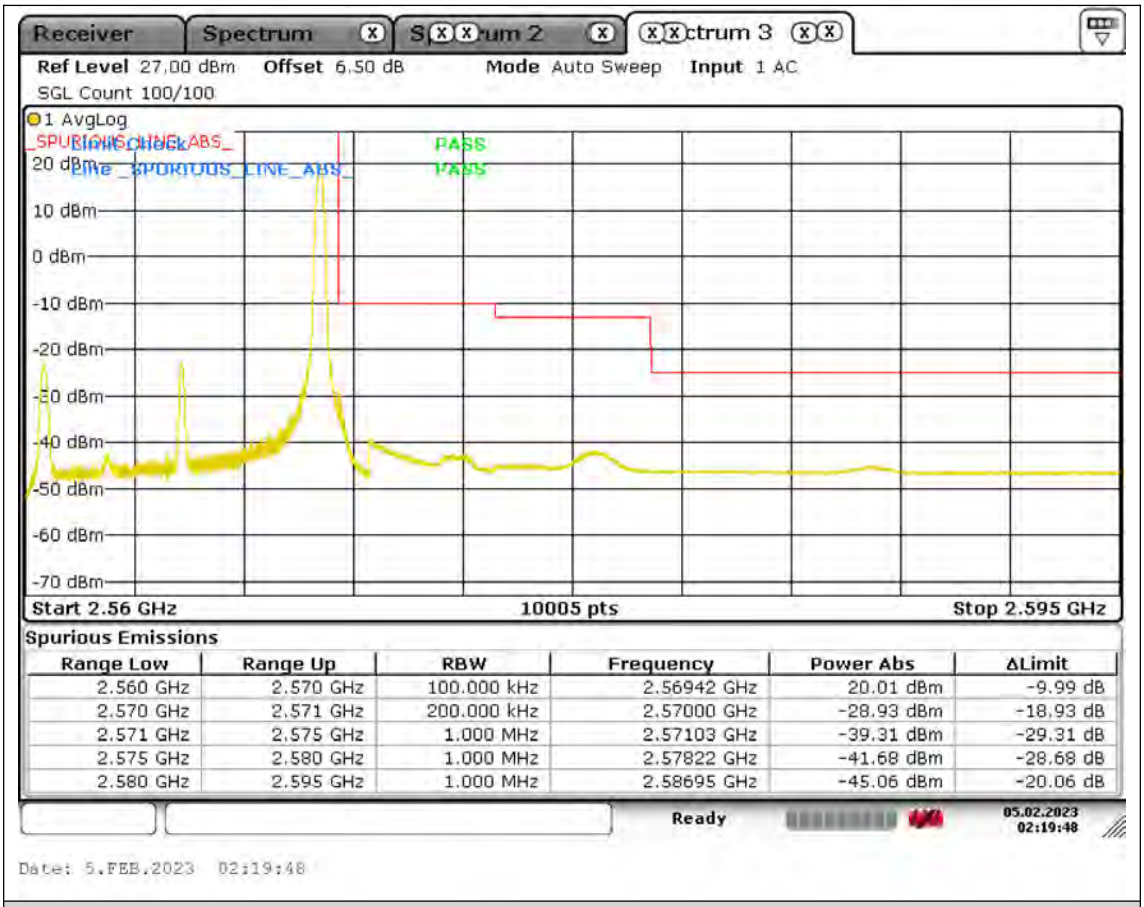
Band7-10MHz-QPSK-20800-50RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48960 GHz | -39.29 dBm | -14.29 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49589 GHz | -32.38 dBm | -19.38 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49893 GHz | -30.90 dBm | -20.90 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.50000 GHz | -34.88 dBm | -24.88 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50915 GHz | 2.87 dBm | -27.13 dB |

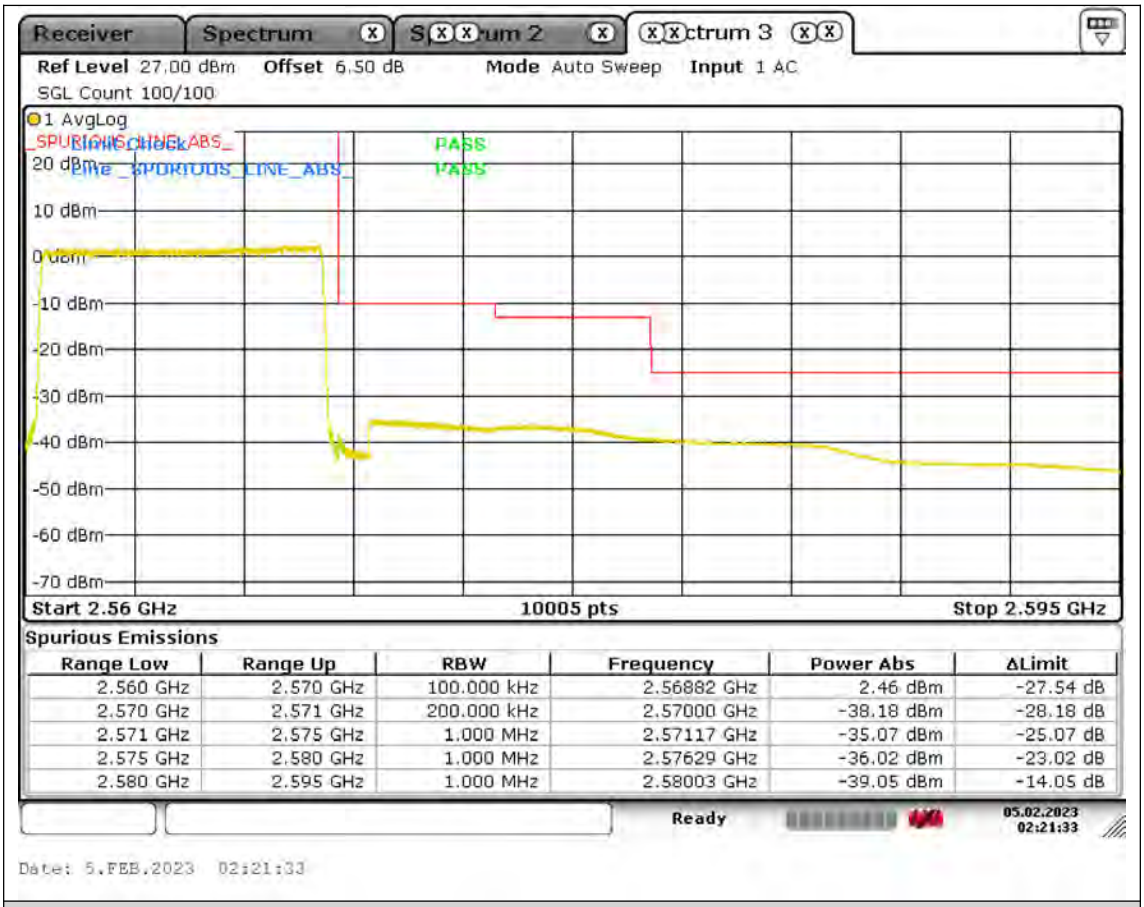
Band7-10MHz-QPSK-21400-1RB#49




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56942 GHz | 20.01 dBm | -9.99 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57000 GHz | -28.93 dBm | -18.93 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57103 GHz | -39.31 dBm | -29.31 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57822 GHz | -41.68 dBm | -28.68 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58695 GHz | -45.06 dBm | -20.06 dB |

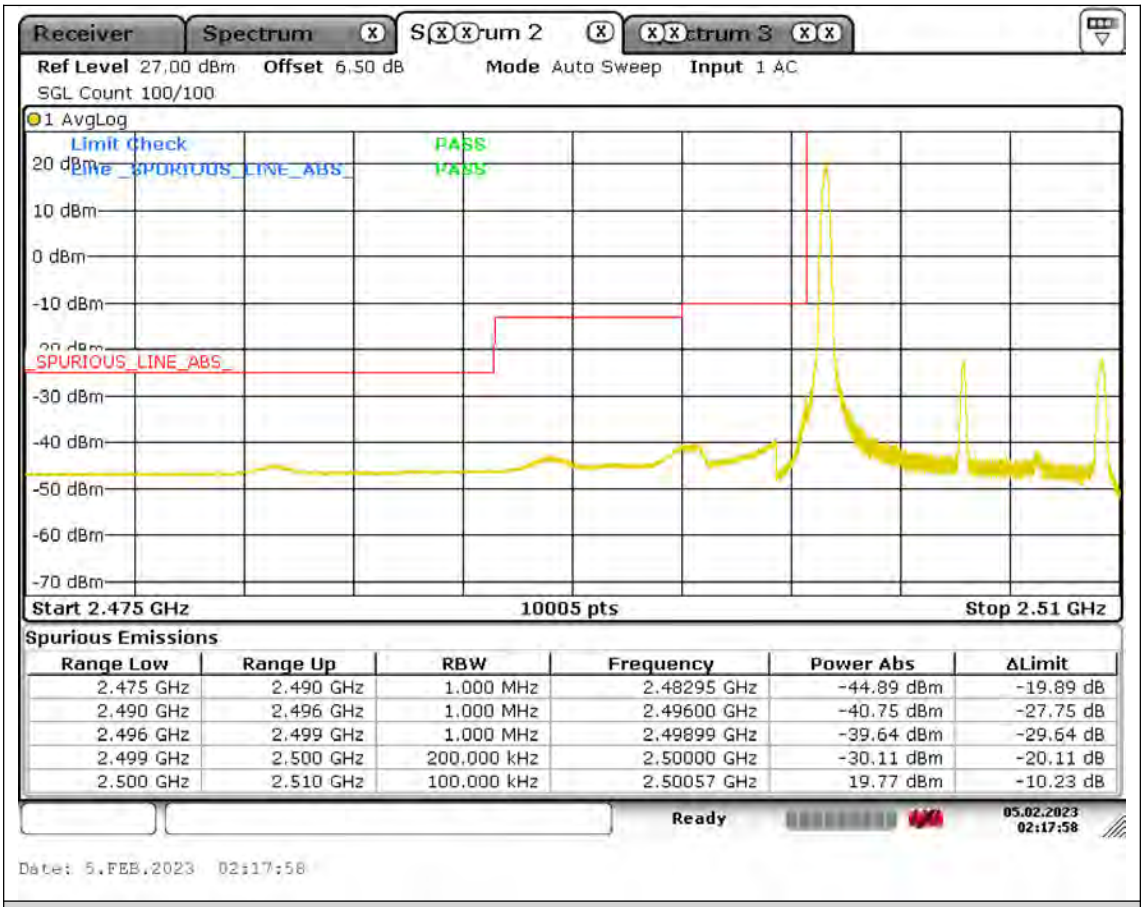
Band7-10MHz-QPSK-21400-50RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56882 GHz | 2.46 dBm | -27.54 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57000 GHz | -38.18 dBm | -28.18 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57117 GHz | -35.07 dBm | -25.07 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57629 GHz | -36.02 dBm | -23.02 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58003 GHz | -39.05 dBm | -14.05 dB |

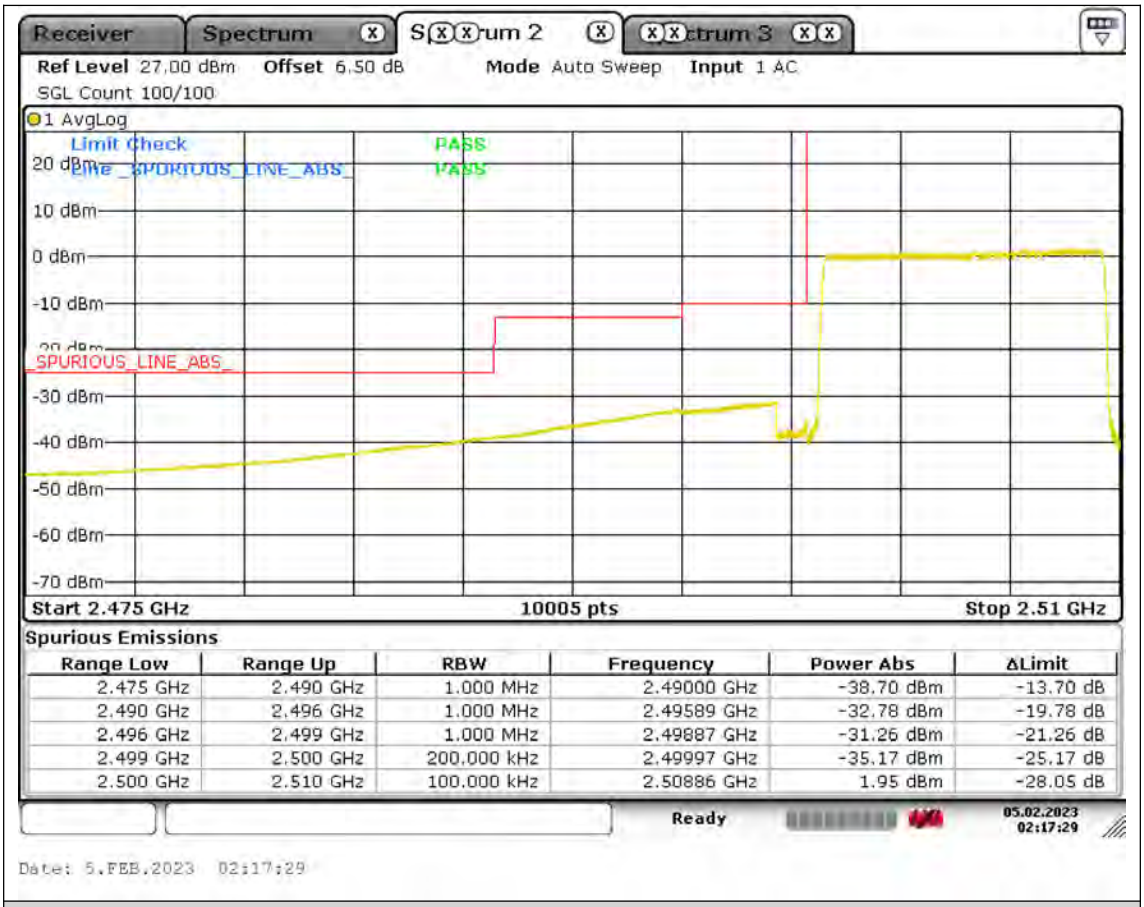
Band7-10MHz-16QAM-20800-1RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48295 GHz | -44.89 dBm | -19.89 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49600 GHz | -40.75 dBm | -27.75 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -39.64 dBm | -29.64 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.50000 GHz | -30.11 dBm | -20.11 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50057 GHz | 19.77 dBm | -10.23 dB |

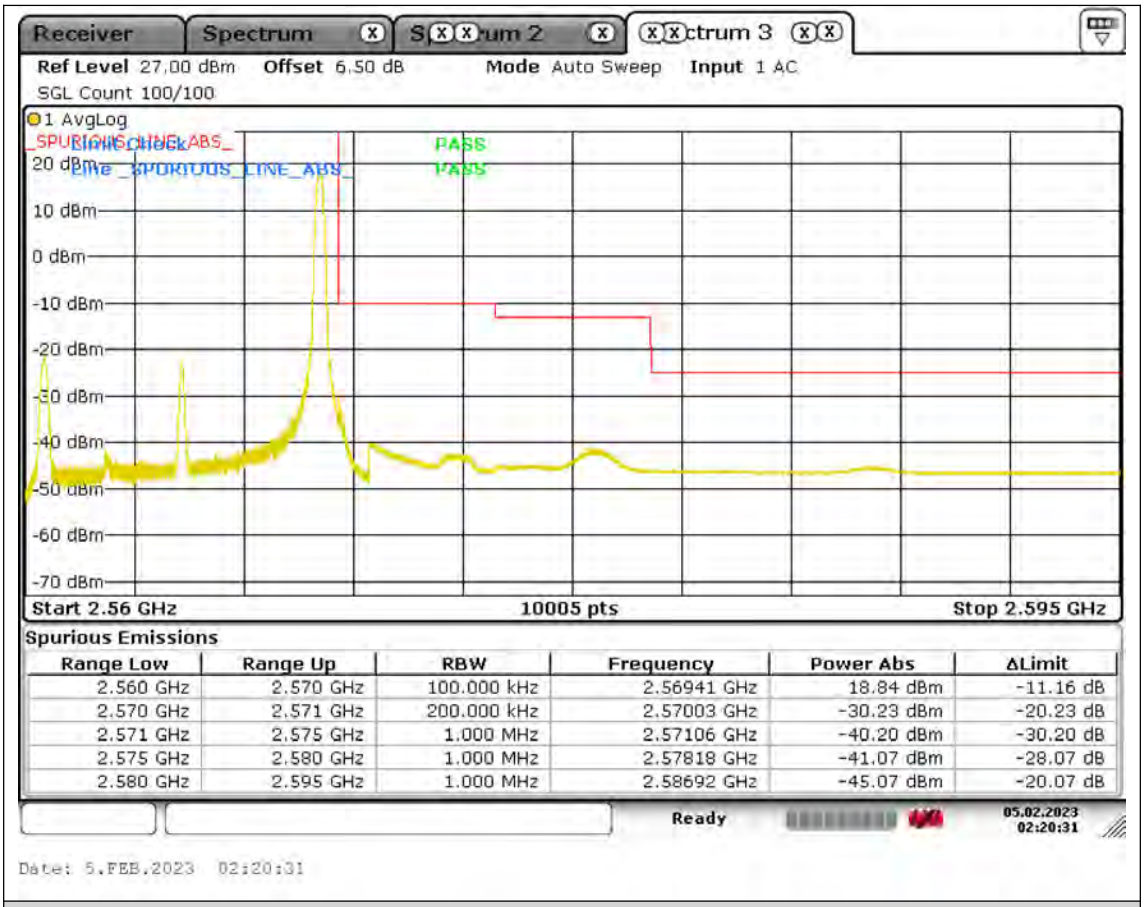
Band7-10MHz-16QAM-20800-50RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49000 GHz | -38.70 dBm | -13.70 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49589 GHz | -32.78 dBm | -19.78 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49887 GHz | -31.26 dBm | -21.26 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.49997 GHz | -35.17 dBm | -25.17 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50886 GHz | 1.95 dBm | -28.05 dB |

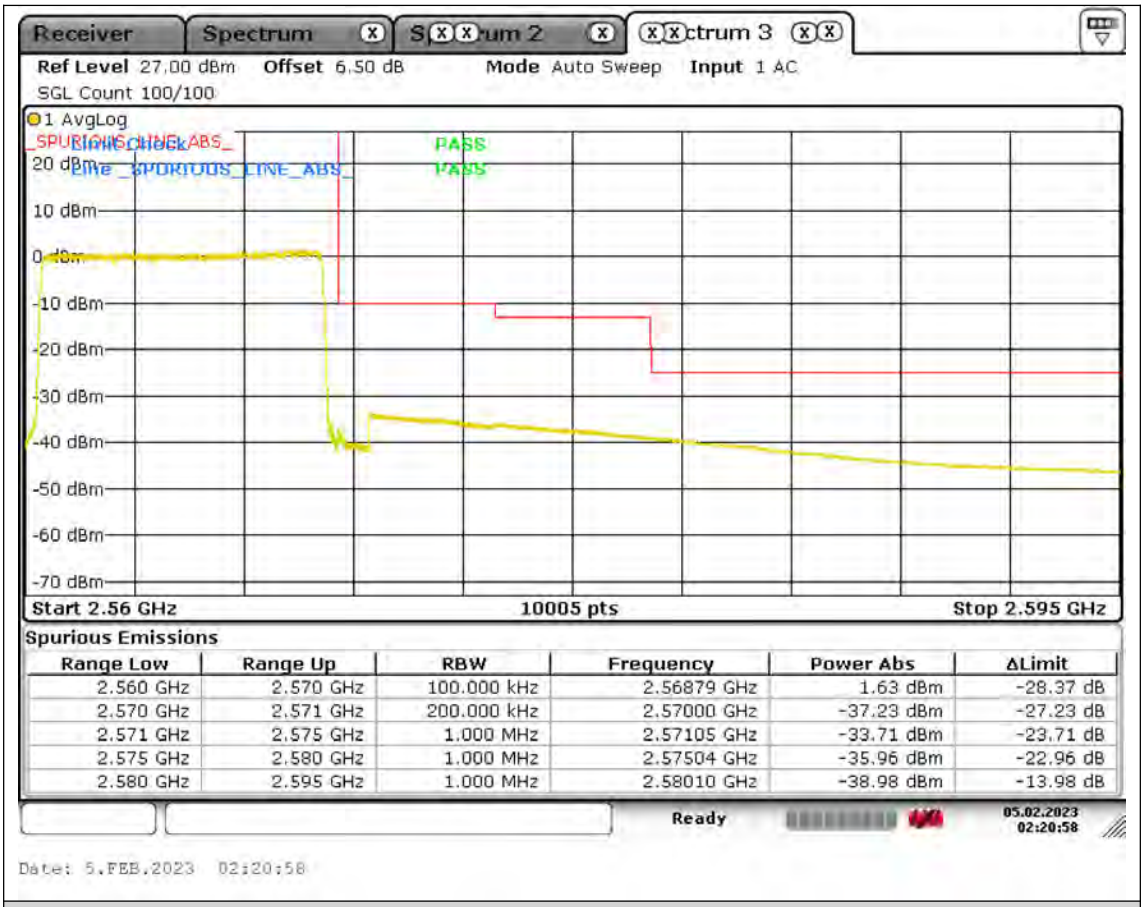
Band7-10MHz-16QAM-21400-1RB#49




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56941 GHz | 18.84 dBm | -11.16 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57003 GHz | -30.23 dBm | -20.23 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57106 GHz | -40.20 dBm | -30.20 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57818 GHz | -41.07 dBm | -28.07 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58692 GHz | -45.07 dBm | -20.07 dB |

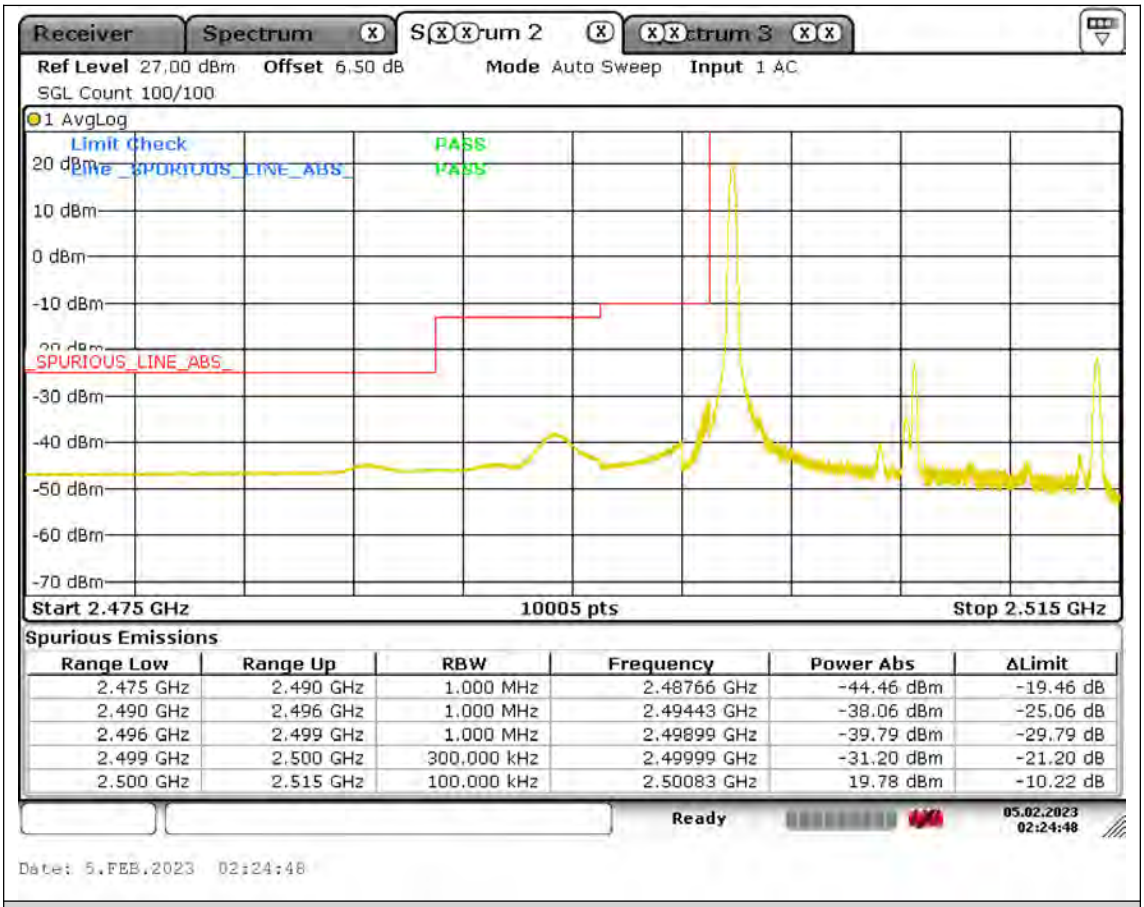
Band7-10MHz-16QAM-21400-50RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56879 GHz | 1.63 dBm | -28.37 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57000 GHz | -37.23 dBm | -27.23 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57105 GHz | -33.71 dBm | -23.71 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57504 GHz | -35.96 dBm | -22.96 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58010 GHz | -38.98 dBm | -13.98 dB |

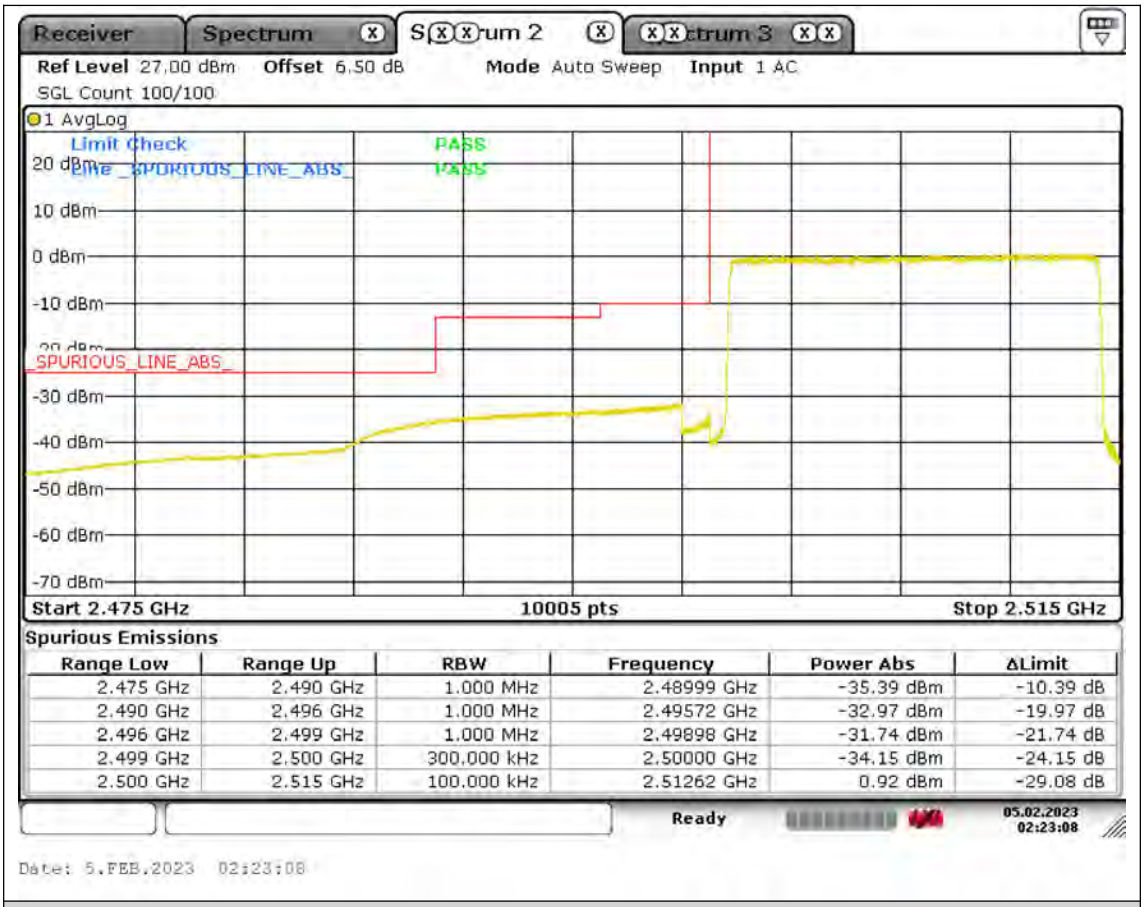
Band7-15MHz-QPSK-20825-1RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48766 GHz | -44.46 dBm | -19.46 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49443 GHz | -38.06 dBm | -25.06 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -39.79 dBm | -29.79 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49999 GHz | -31.20 dBm | -21.20 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.50083 GHz | 19.78 dBm | -10.22 dB |

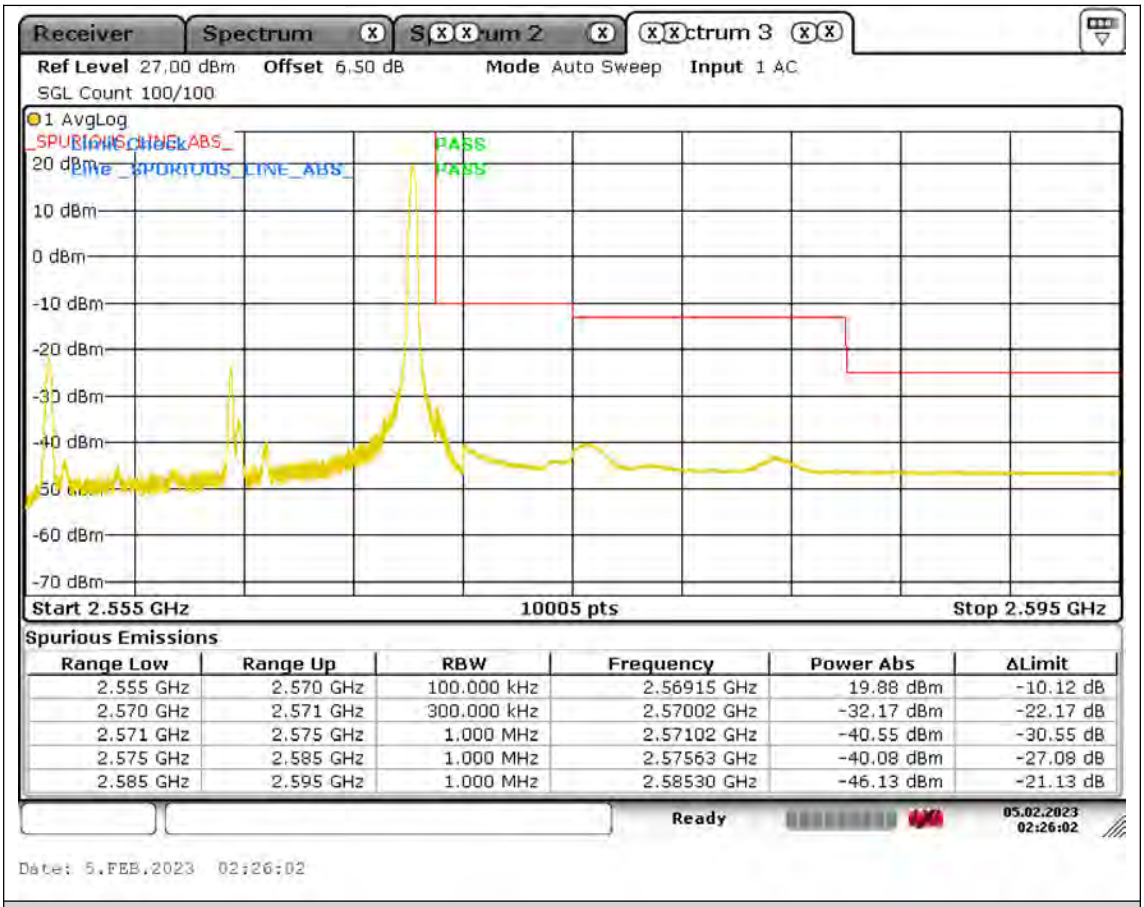
Band7-15MHz-QPSK-20825-75RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48999 GHz | -35.39 dBm | -10.39 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49572 GHz | -32.97 dBm | -19.97 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49898 GHz | -31.74 dBm | -21.74 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.50000 GHz | -34.15 dBm | -24.15 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.51262 GHz | 0.92 dBm | -29.08 dB |

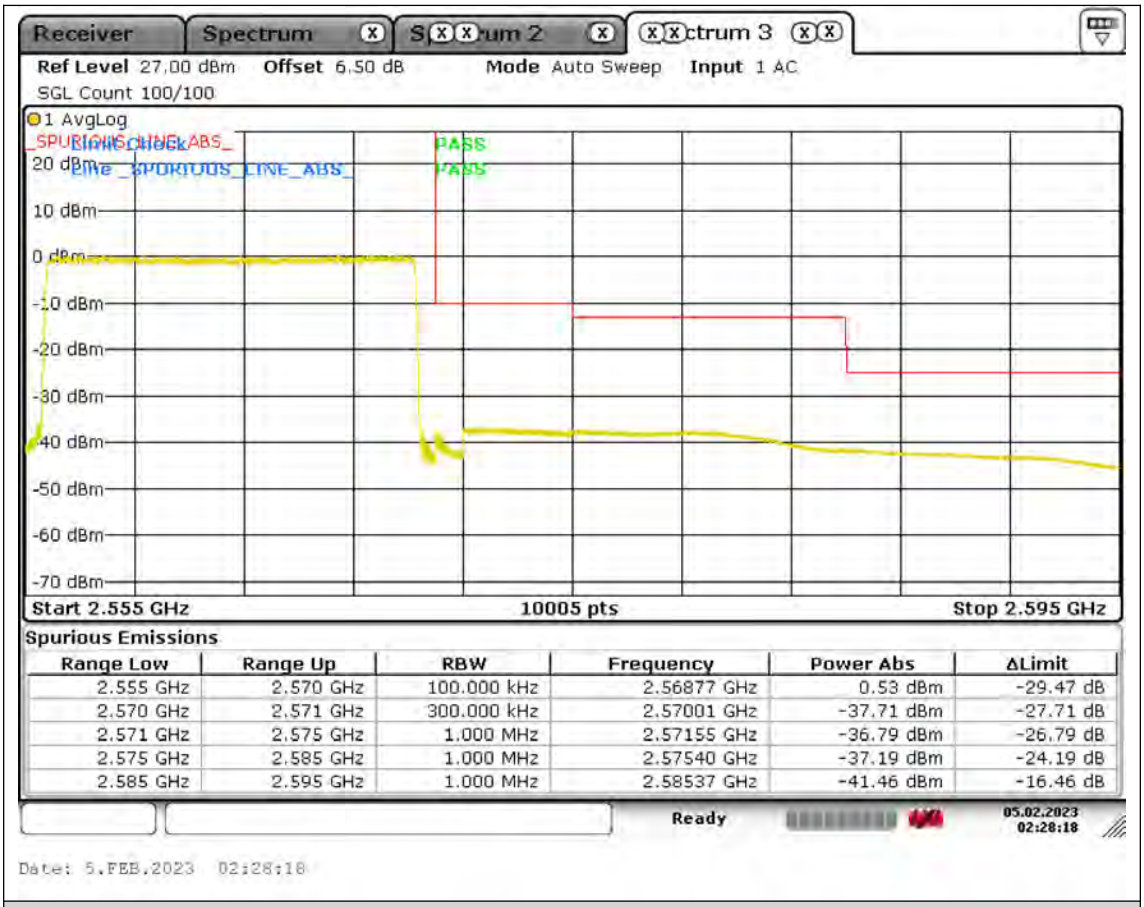
Band7-15MHz-QPSK-21375-1RB#74




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56915 GHz | 19.88 dBm | -10.12 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57002 GHz | -32.17 dBm | -22.17 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -40.55 dBm | -30.55 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57563 GHz | -40.08 dBm | -27.08 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58530 GHz | -46.13 dBm | -21.13 dB |

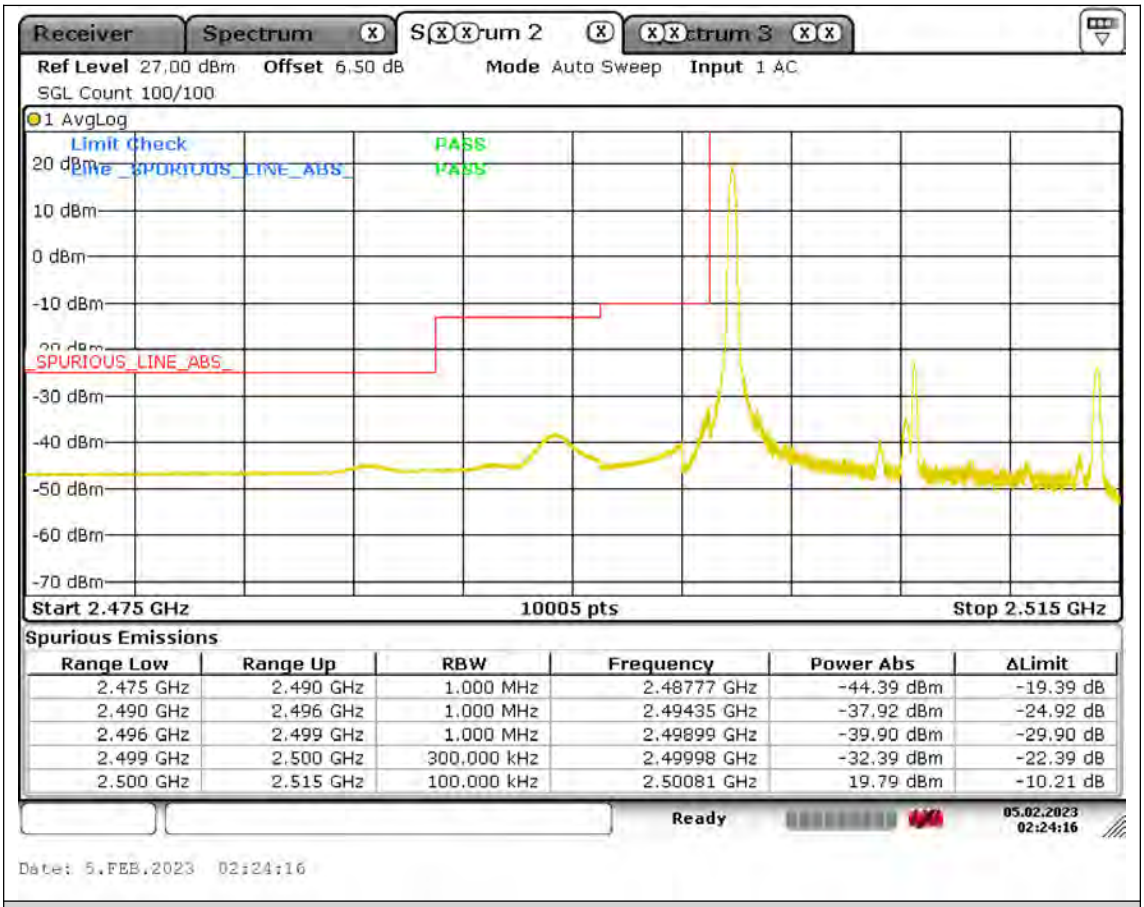
Band7-15MHz-QPSK-21375-75RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56877 GHz | 0.53 dBm | -29.47 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57001 GHz | -37.71 dBm | -27.71 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57155 GHz | -36.79 dBm | -26.79 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57540 GHz | -37.19 dBm | -24.19 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58537 GHz | -41.46 dBm | -16.46 dB |

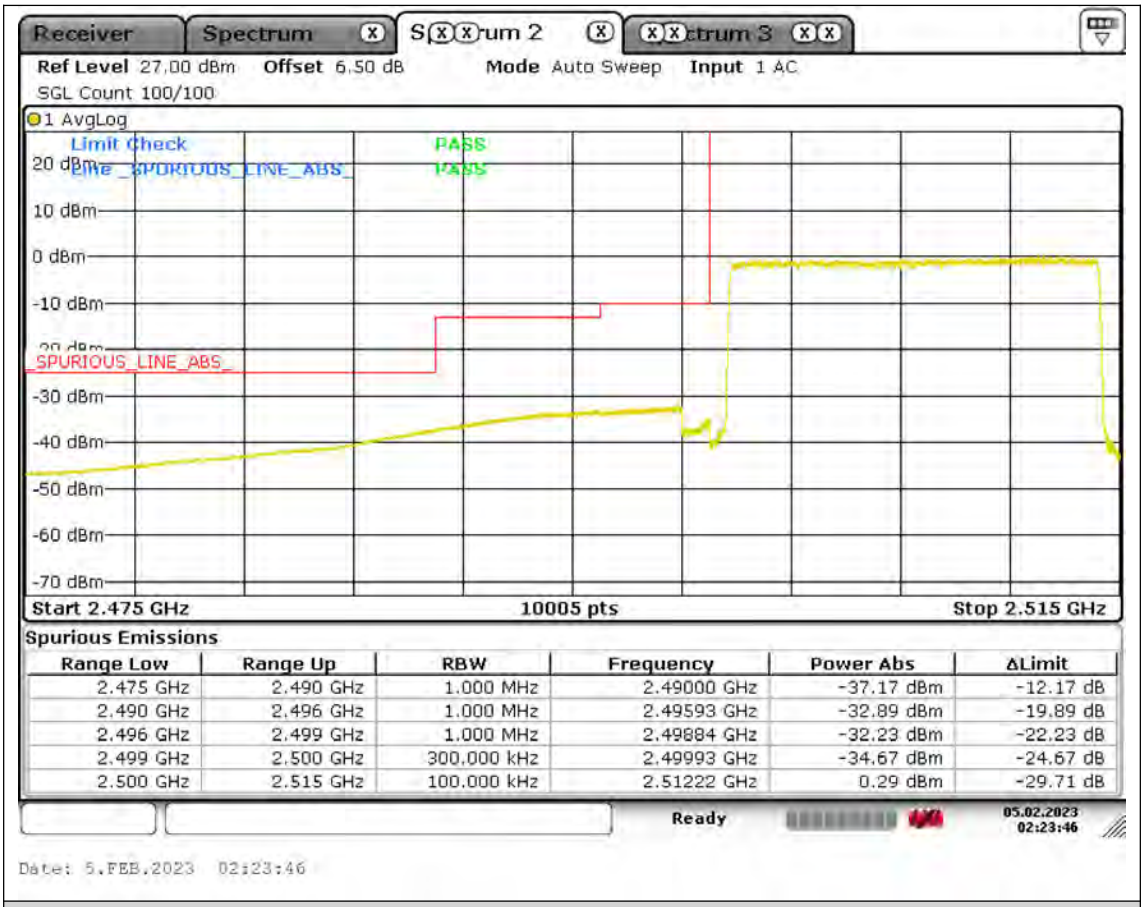
Band7-15MHz-16QAM-20825-1RB#0



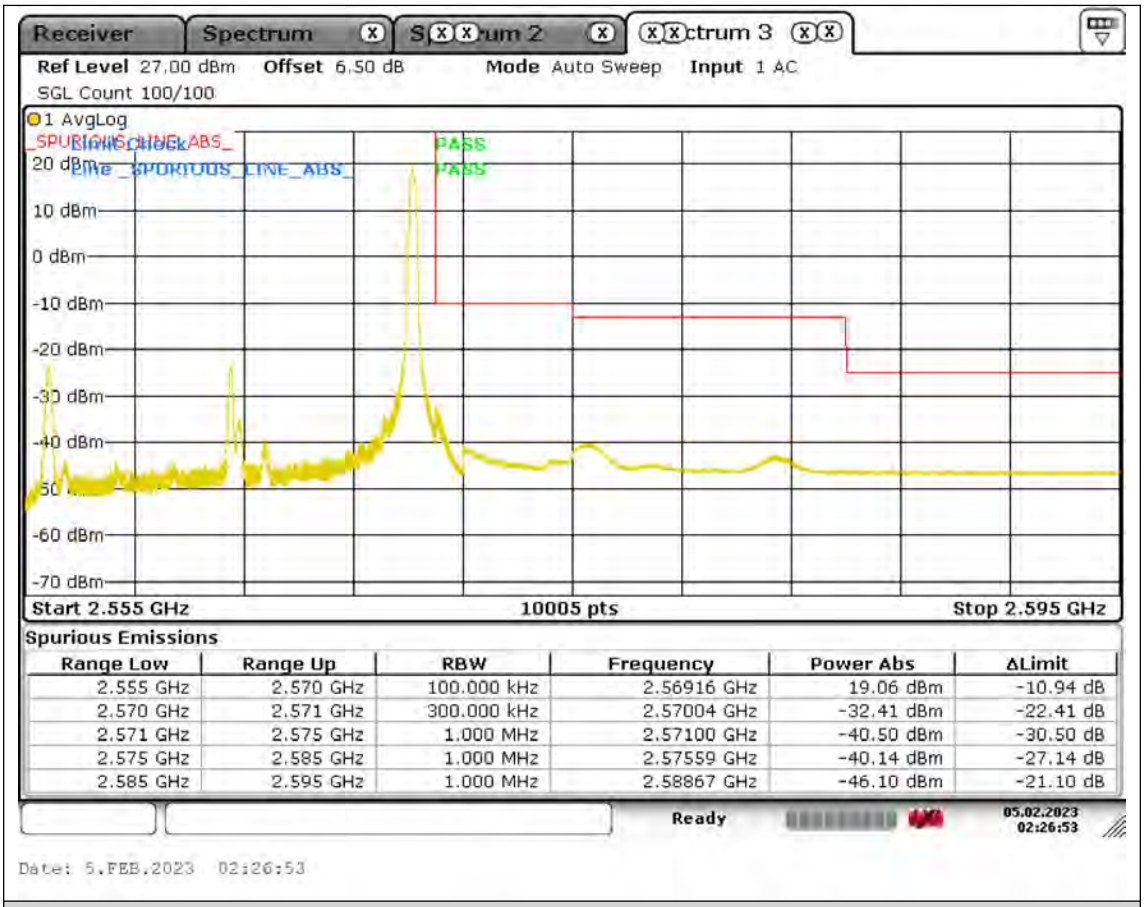

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48777 GHz | -44.39 dBm | -19.39 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49435 GHz | -37.92 dBm | -24.92 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -39.90 dBm | -29.90 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49998 GHz | -32.39 dBm | -22.39 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.50081 GHz | 19.79 dBm | -10.21 dB |

Band7-15MHz-16QAM-20825-75RB#0



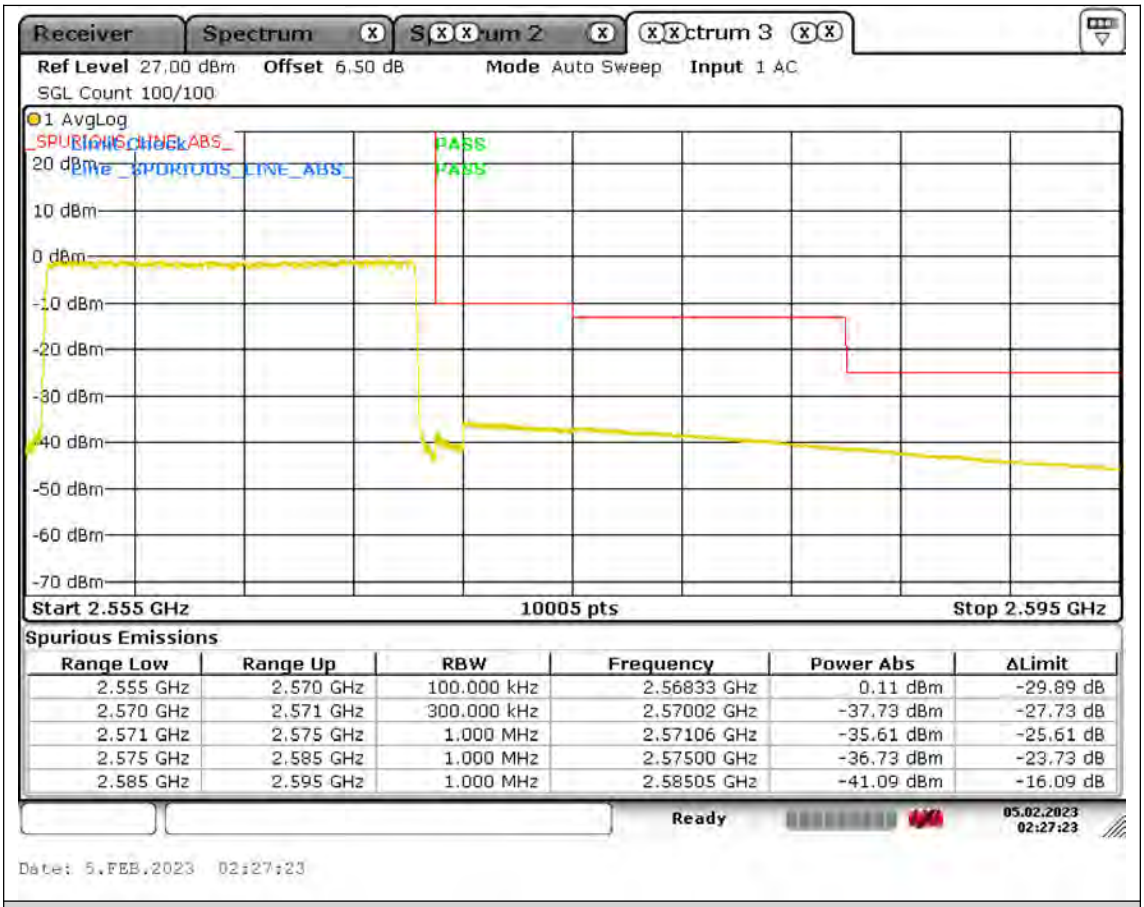

Band7-15MHz-16QAM-21375-1RB#74




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56916 GHz | 19.06 dBm | -10.94 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57004 GHz | -32.41 dBm | -22.41 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -40.50 dBm | -30.50 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57559 GHz | -40.14 dBm | -27.14 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58867 GHz | -46.10 dBm | -21.10 dB |

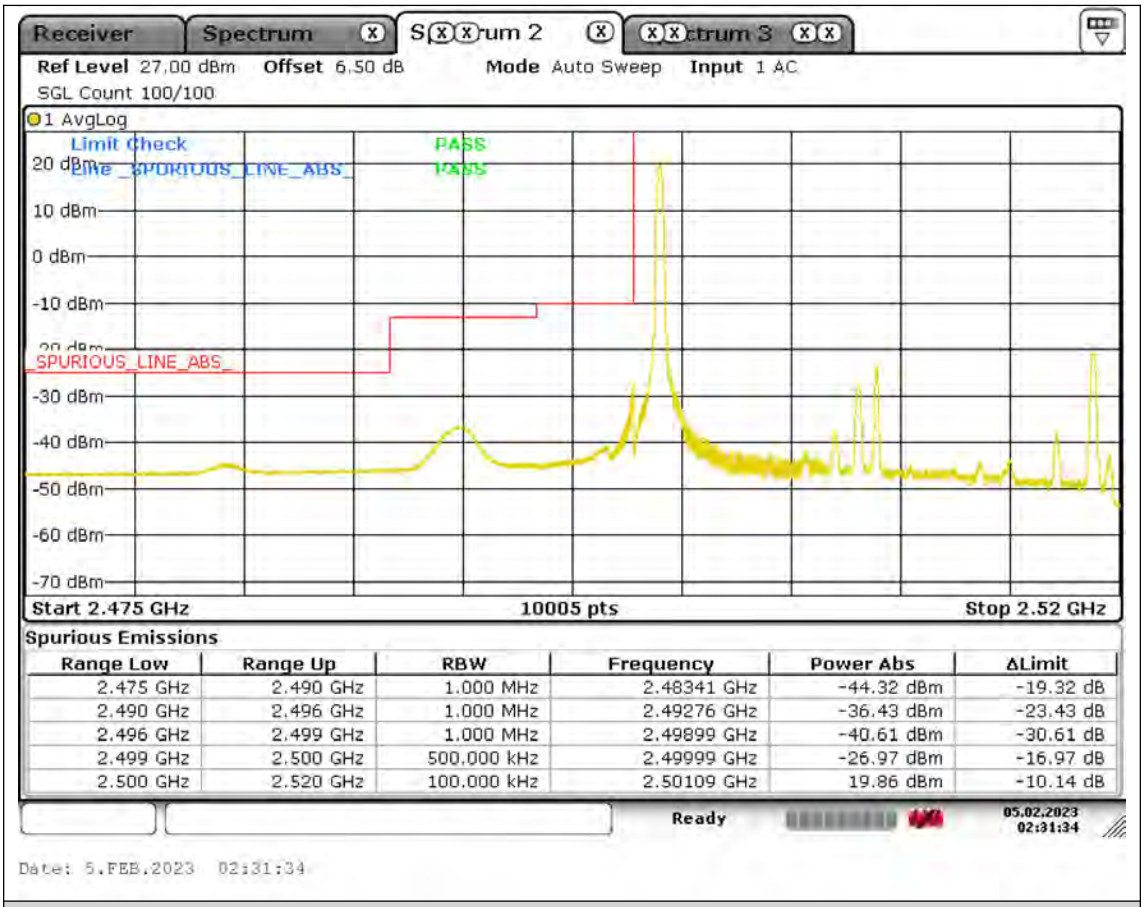
Band7-15MHz-16QAM-21375-75RB#0



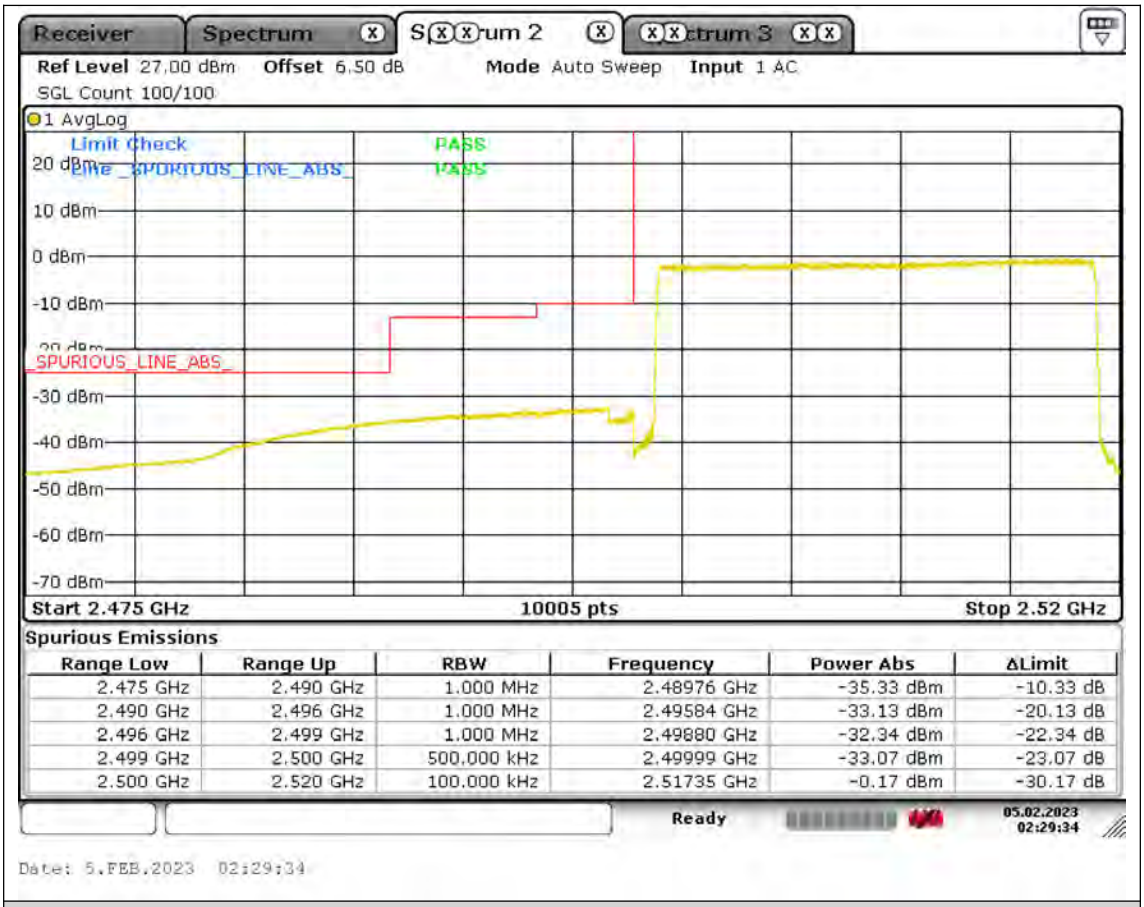

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56833 GHz | 0.11 dBm | -29.89 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57002 GHz | -37.73 dBm | -27.73 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57106 GHz | -35.61 dBm | -25.61 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57500 GHz | -36.73 dBm | -23.73 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58505 GHz | -41.09 dBm | -16.09 dB |

Band7-20MHz-QPSK-20850-1RB#0

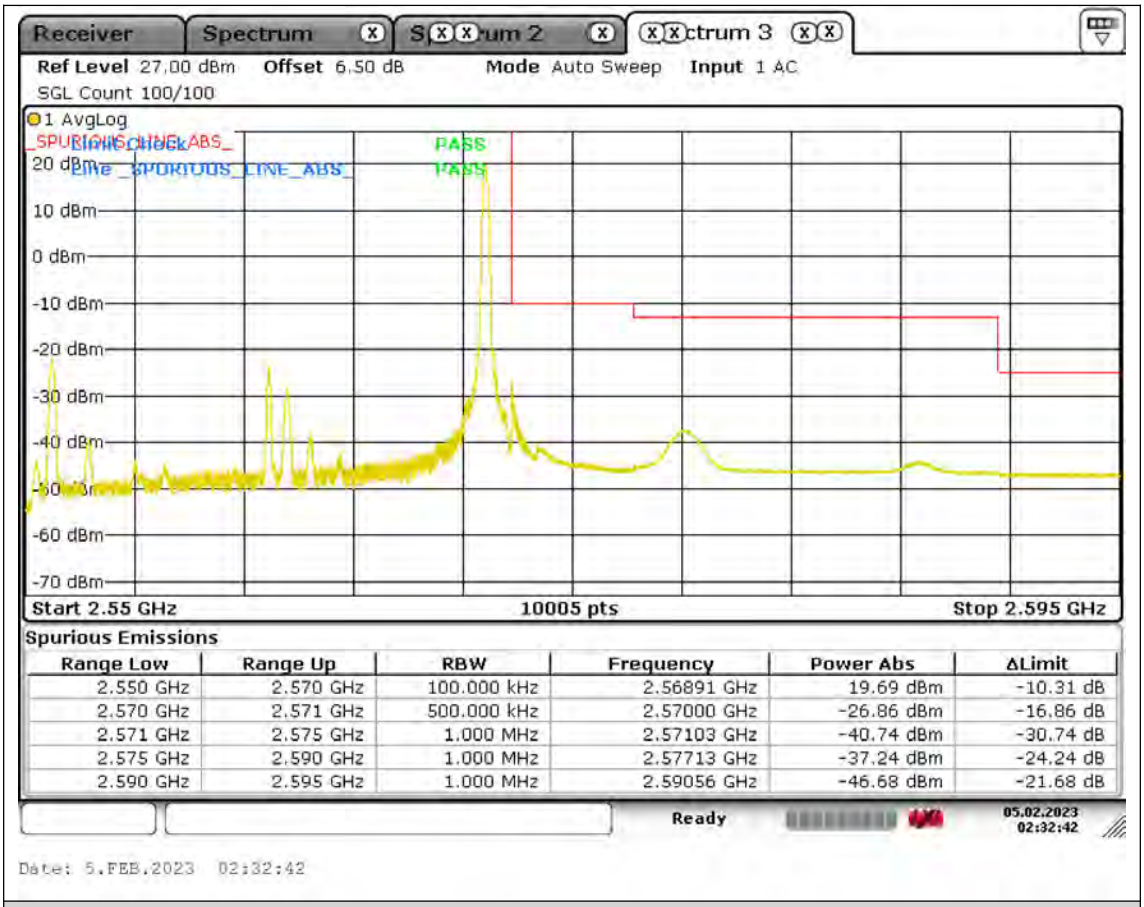



Band7-20MHz-QPSK-20850-100RB#0




| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48976 GHz | -35.33 dBm | -10.33 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49584 GHz | -33.13 dBm | -20.13 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49880 GHz | -32.34 dBm | -22.34 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.49999 GHz | -33.07 dBm | -23.07 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.51735 GHz | -0.17 dBm | -30.17 dB |

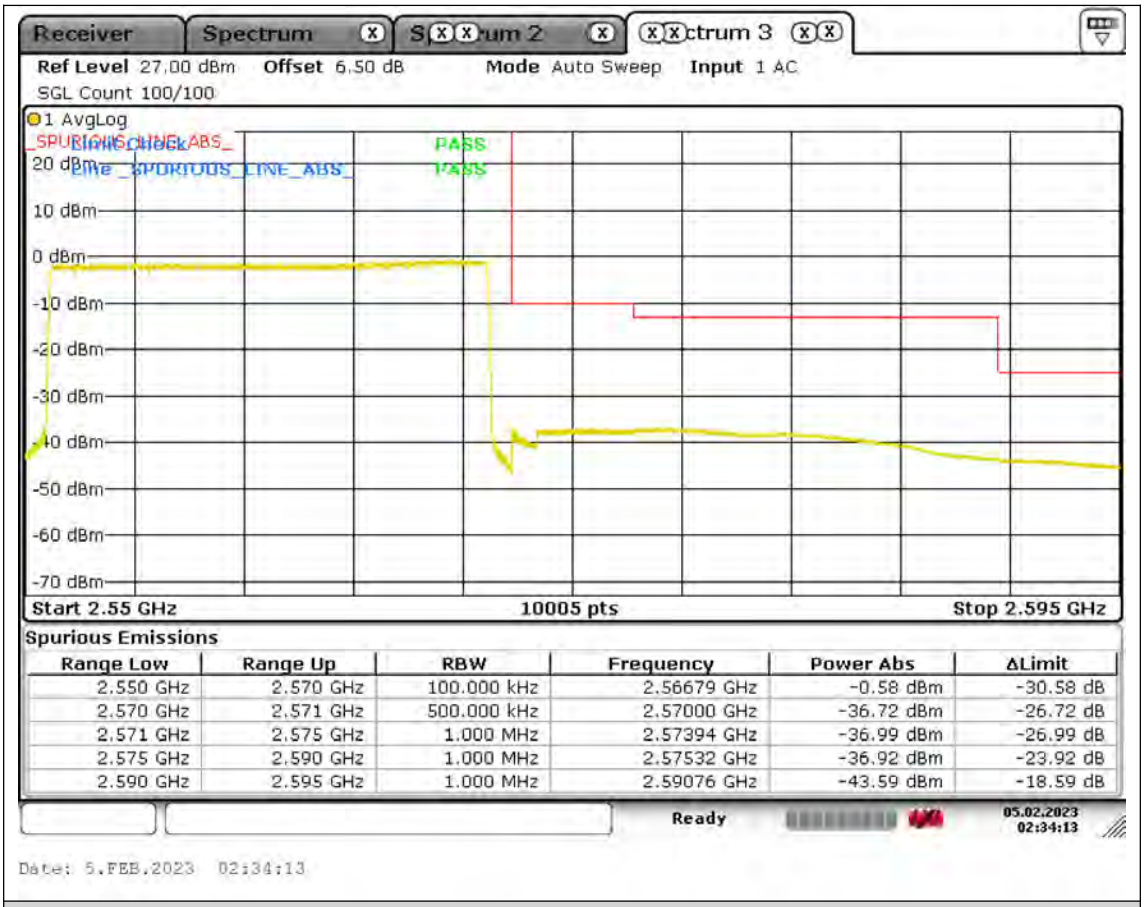
Band7-20MHz-QPSK-21350-1RB#99




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56891 GHz | 19.69 dBm | -10.31 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57000 GHz | -26.86 dBm | -16.86 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57103 GHz | -40.74 dBm | -30.74 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57713 GHz | -37.24 dBm | -24.24 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59056 GHz | -46.68 dBm | -21.68 dB |

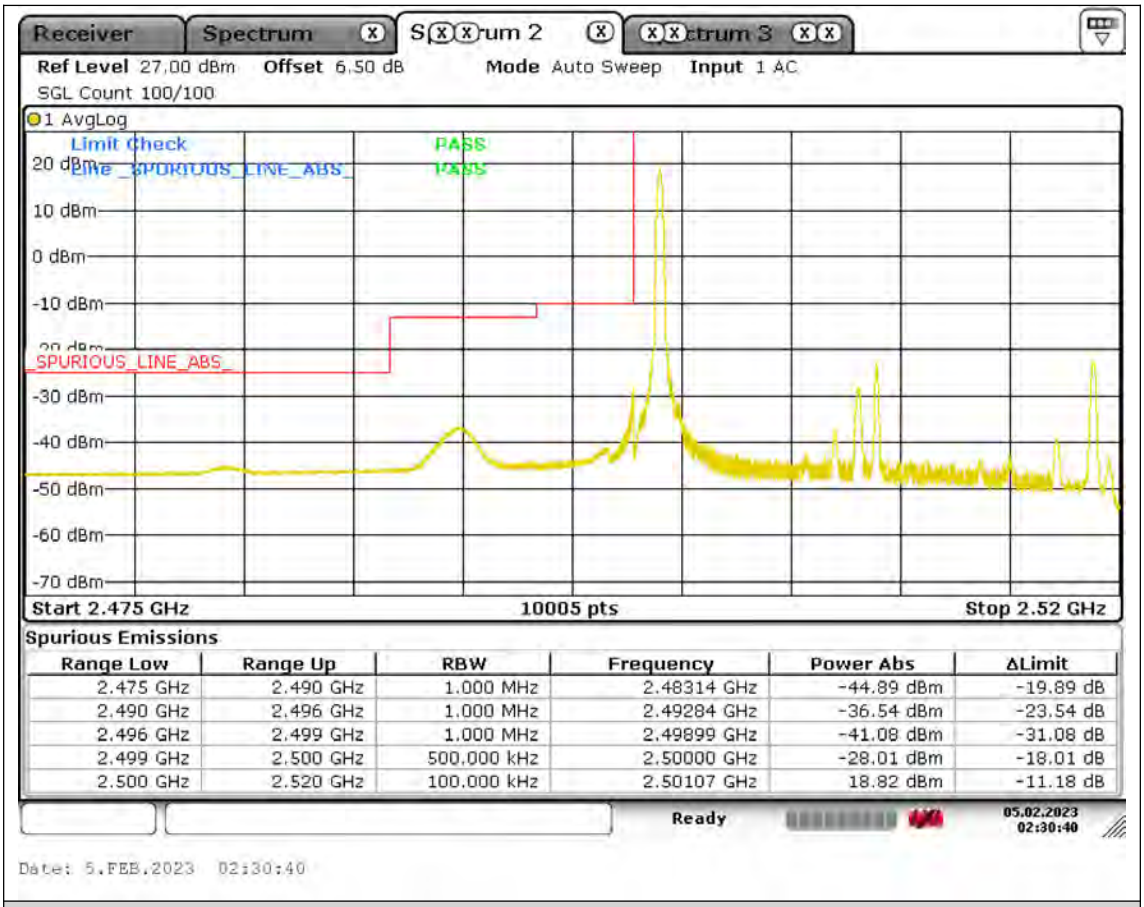
Band7-20MHz-QPSK-21350-100RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56679 GHz | -0.58 dBm | -30.58 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57000 GHz | -36.72 dBm | -26.72 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57394 GHz | -36.99 dBm | -26.99 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57532 GHz | -36.92 dBm | -23.92 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59076 GHz | -43.59 dBm | -18.59 dB |

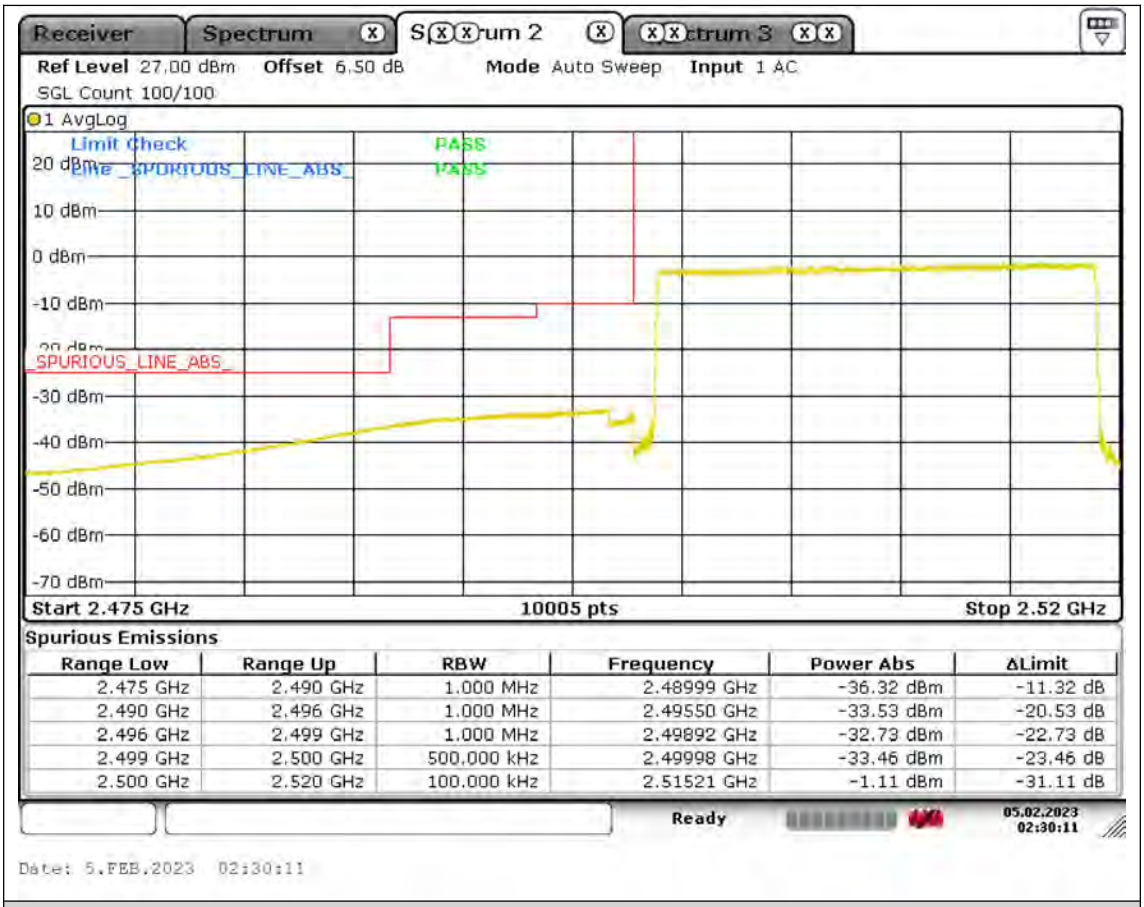
Band7-20MHz-16QAM-20850-1RB#0



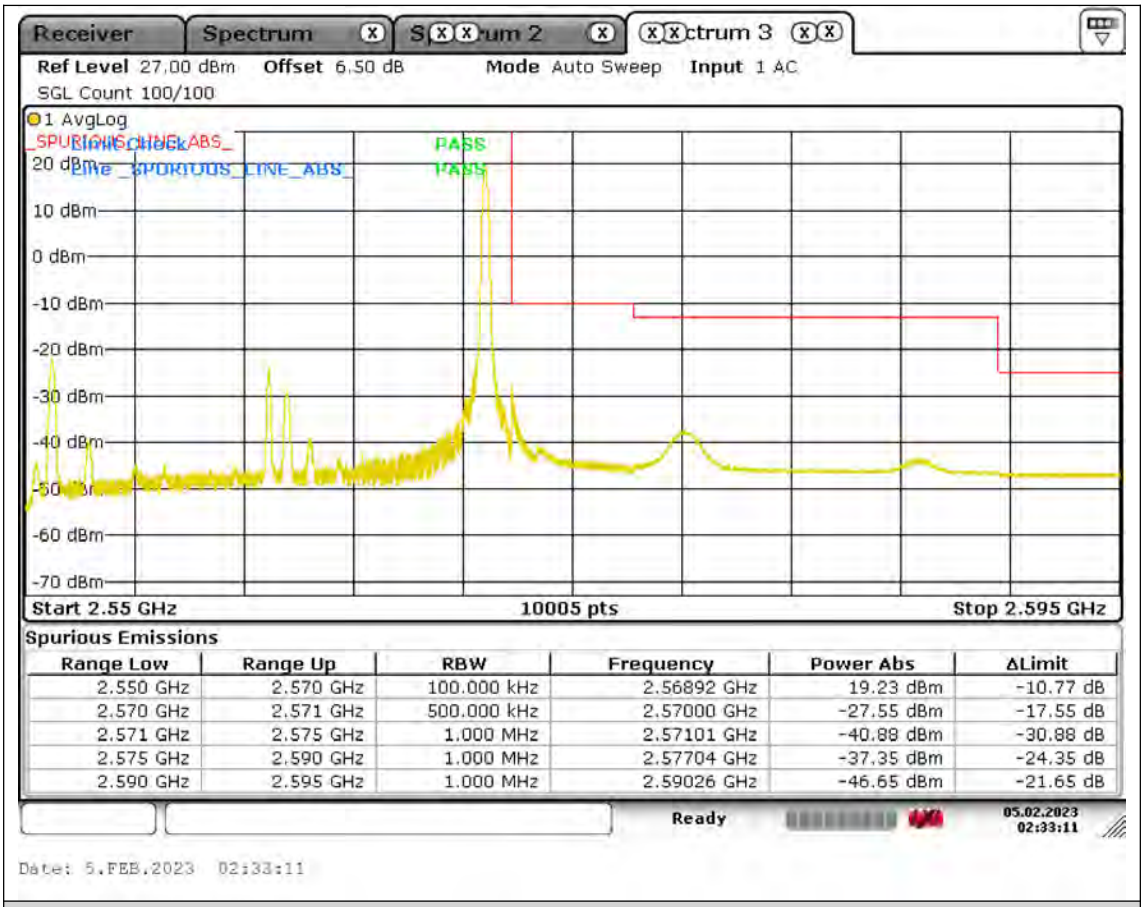

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48314 GHz | -44.89 dBm | -19.89 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49284 GHz | -36.54 dBm | -23.54 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -41.08 dBm | -31.08 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -28.01 dBm | -18.01 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.50107 GHz | 18.82 dBm | -11.18 dB |

Band7-20MHz-16QAM-20850-100RB#0



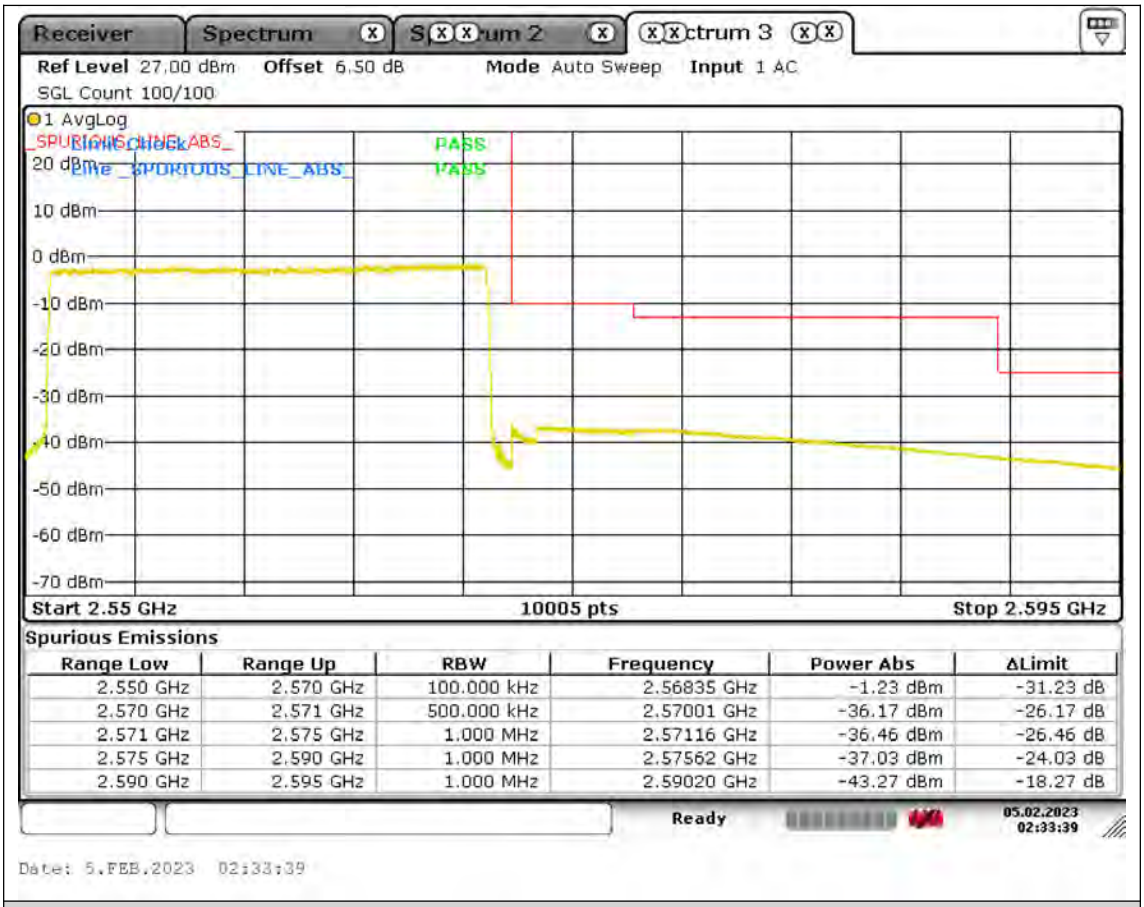

Band7-20MHz-16QAM-21350-1RB#99




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56892 GHz | 19.23 dBm | -10.77 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57000 GHz | -27.55 dBm | -17.55 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -40.88 dBm | -30.88 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57704 GHz | -37.35 dBm | -24.35 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59026 GHz | -46.65 dBm | -21.65 dB |

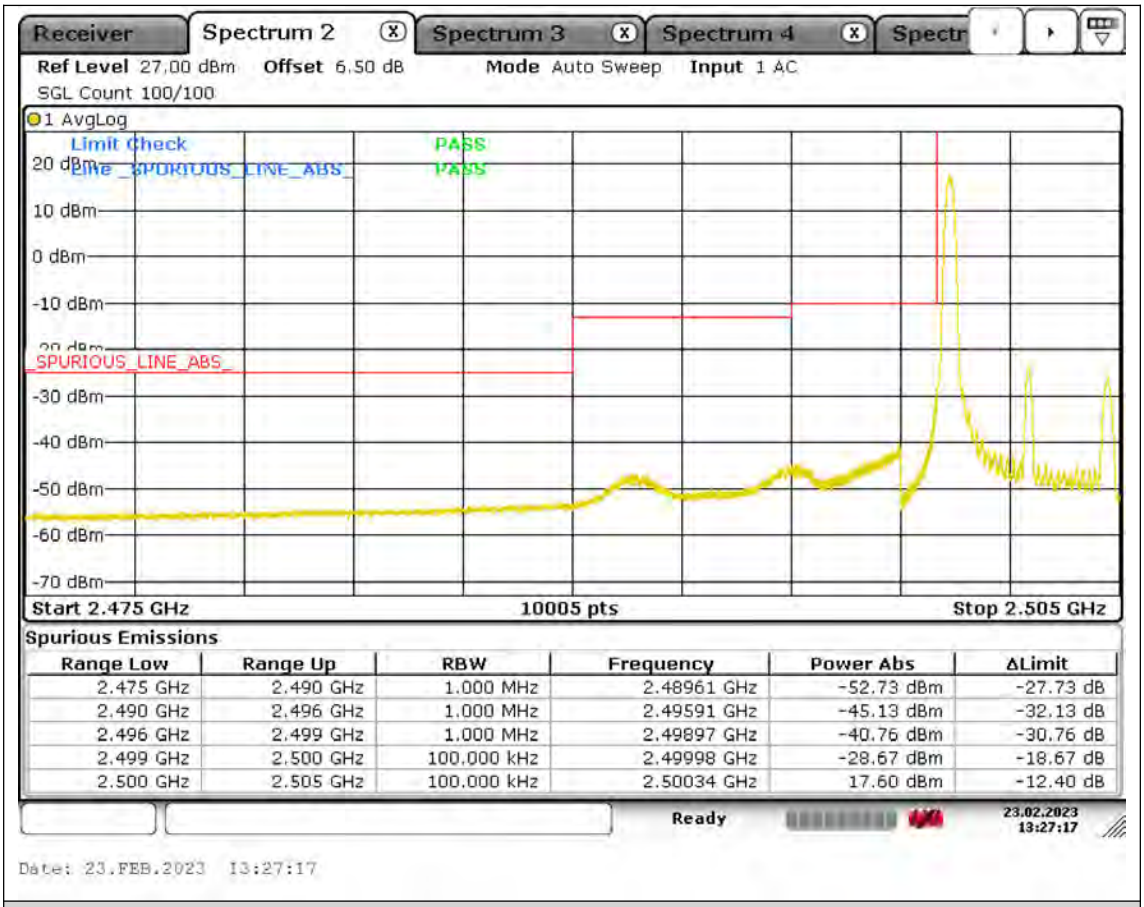
Band7-20MHz-16QAM-21350-100RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56835 GHz | -1.23 dBm | -31.23 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57001 GHz | -36.17 dBm | -26.17 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57116 GHz | -36.46 dBm | -26.46 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57562 GHz | -37.03 dBm | -24.03 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59020 GHz | -43.27 dBm | -18.27 dB |

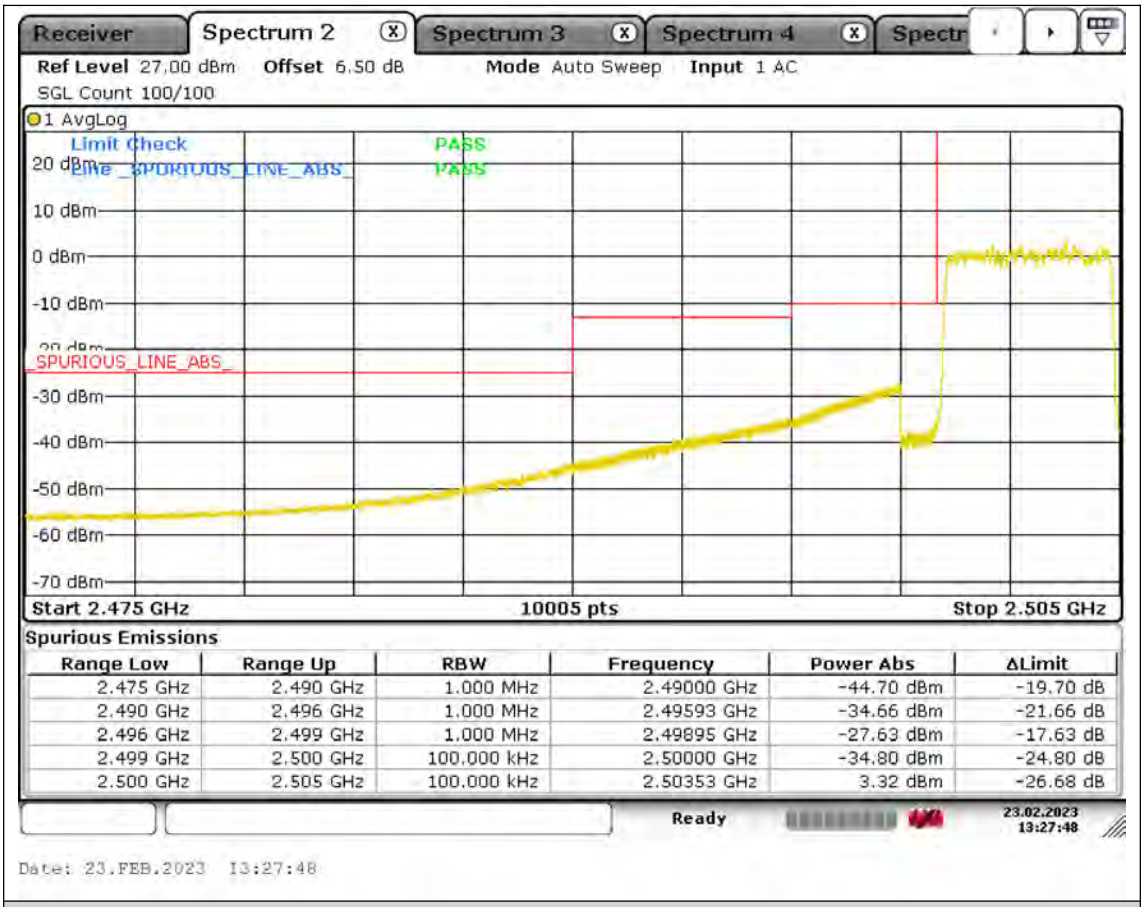
Band7-5MHz-64QAM-20775-1RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48961 GHz | -52.73 dBm | -27.73 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49591 GHz | -45.13 dBm | -32.13 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49897 GHz | -40.76 dBm | -30.76 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.49998 GHz | -28.67 dBm | -18.67 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50034 GHz | 17.60 dBm | -12.40 dB |

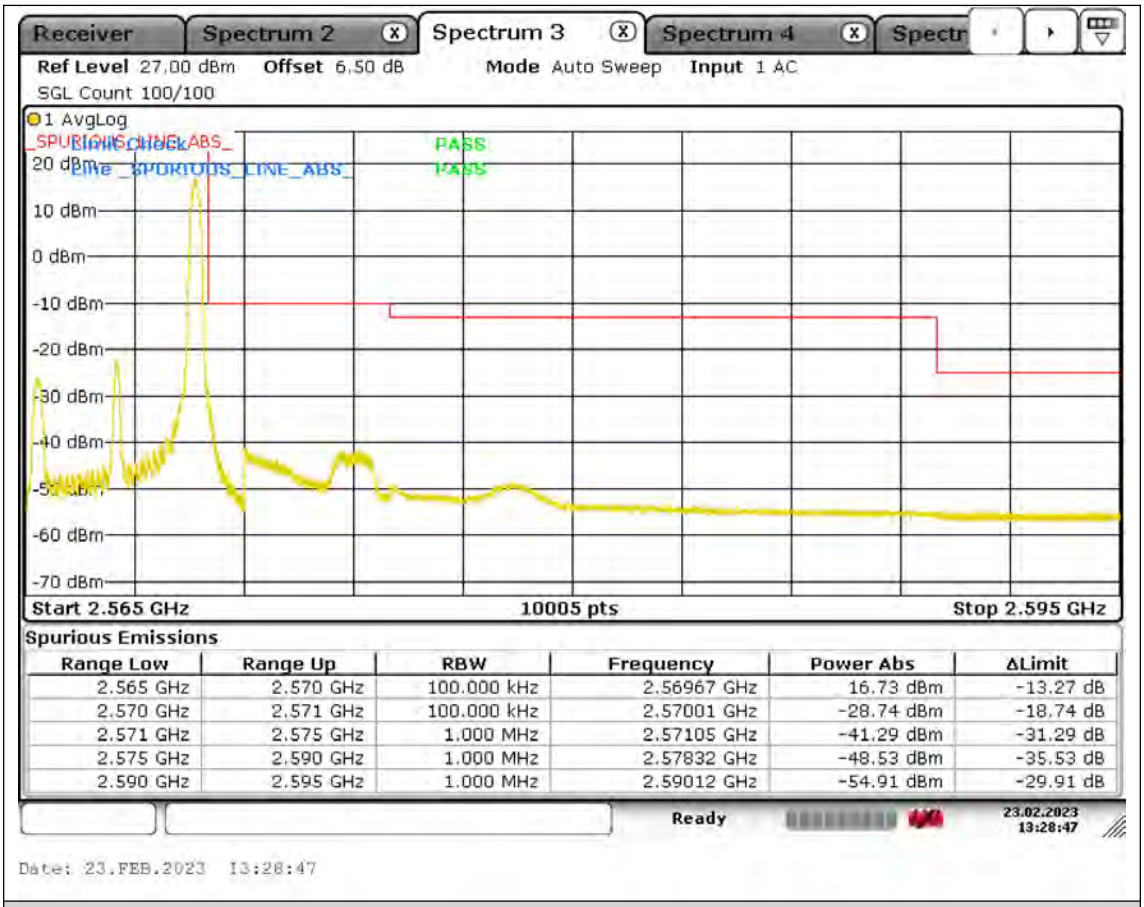
Band7-5MHz-64QAM-20775-25RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49000 GHz | -44.70 dBm | -19.70 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49593 GHz | -34.66 dBm | -21.66 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49895 GHz | -27.63 dBm | -17.63 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -34.80 dBm | -24.80 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50353 GHz | 3.32 dBm | -26.68 dB |

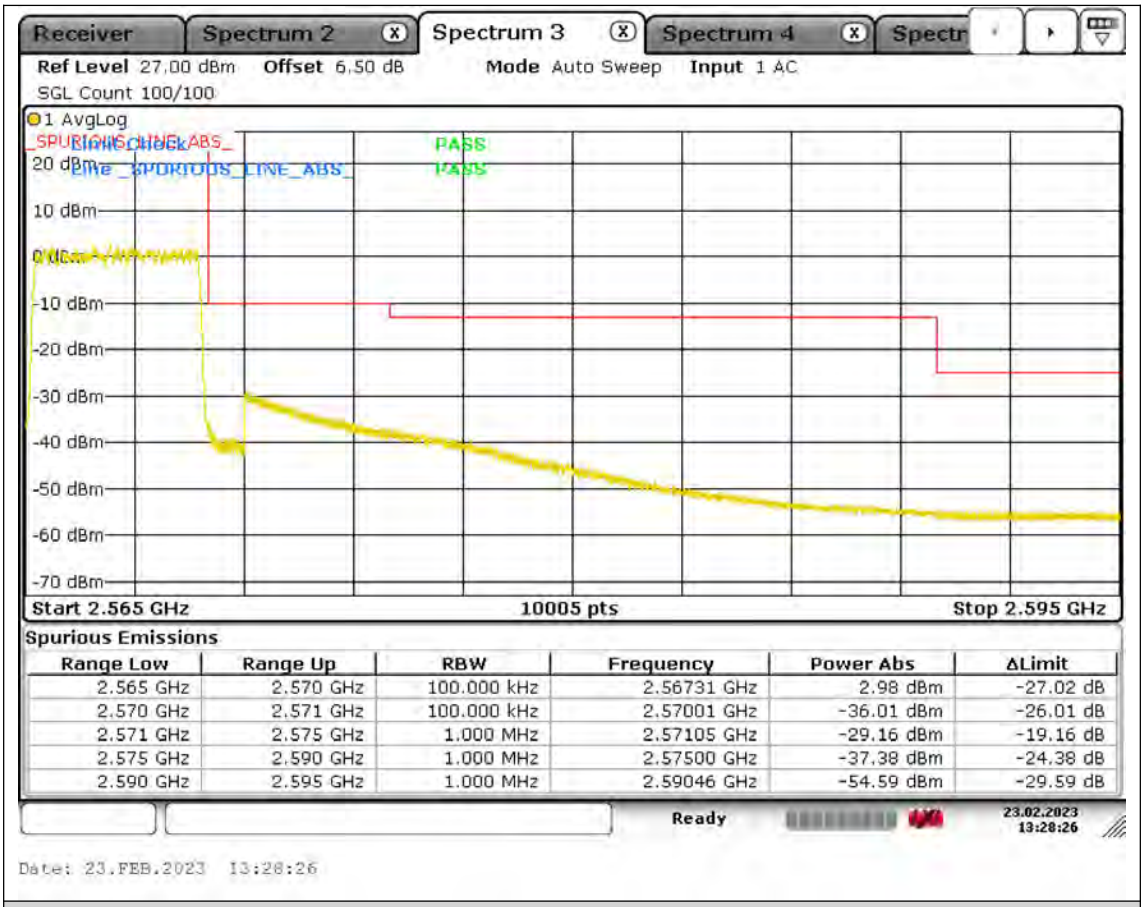
Band7-5MHz-64QAM-21425-1RB#24




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56967 GHz | 16.73 dBm | -13.27 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57001 GHz | -28.74 dBm | -18.74 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57105 GHz | -41.29 dBm | -31.29 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57832 GHz | -48.53 dBm | -35.53 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59012 GHz | -54.91 dBm | -29.91 dB |

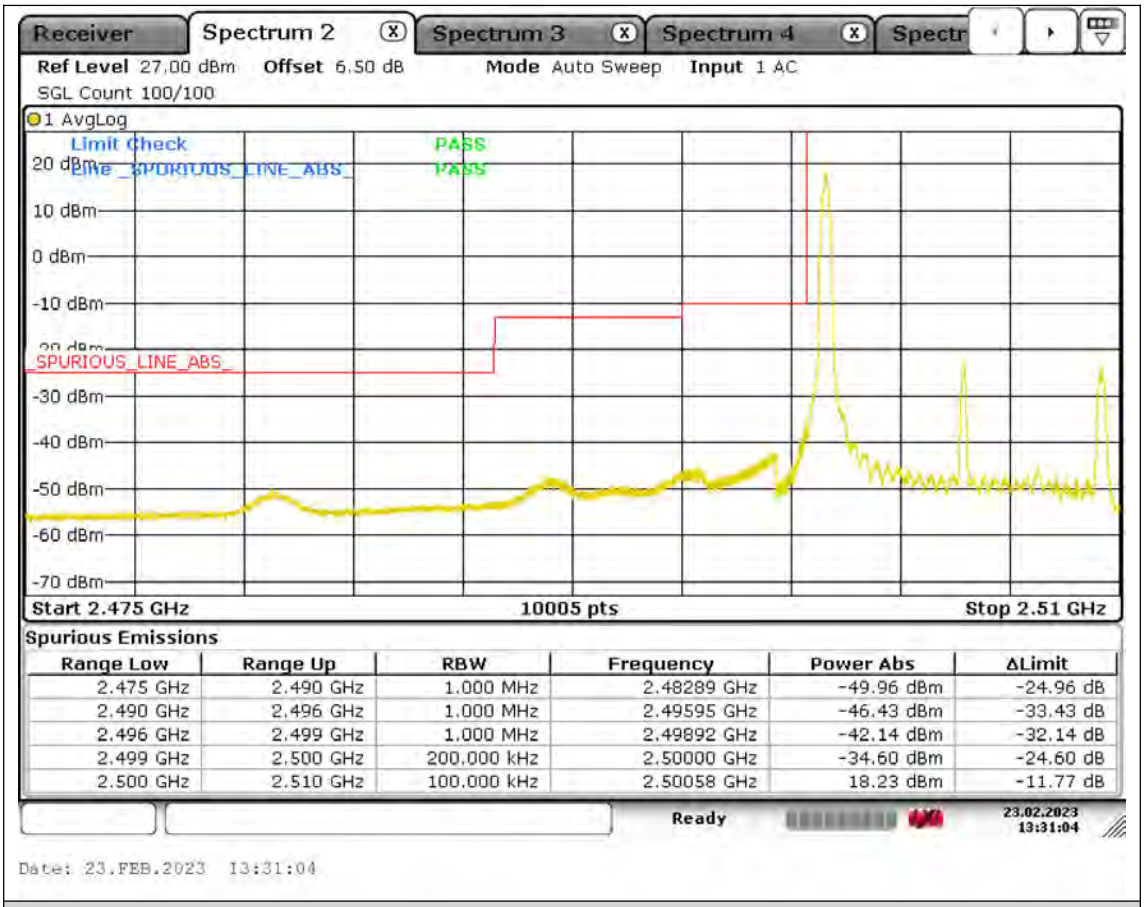
Band7-5MHz-64QAM-21425-25RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56731 GHz | 2.98 dBm | -27.02 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57001 GHz | -36.01 dBm | -26.01 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57105 GHz | -29.16 dBm | -19.16 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57500 GHz | -37.38 dBm | -24.38 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59046 GHz | -54.59 dBm | -29.59 dB |

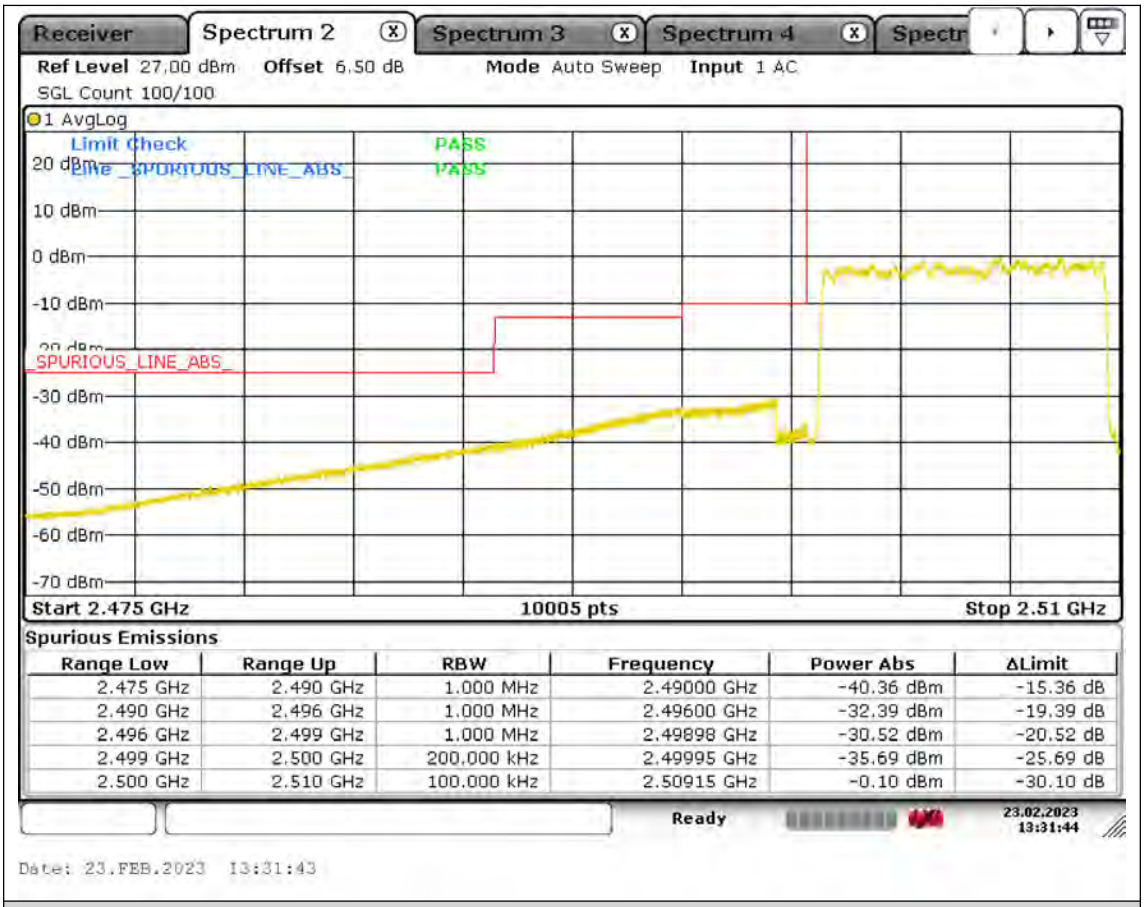
Band7-10MHz-64QAM-20800-1RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48289 GHz | -49.96 dBm | -24.96 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49595 GHz | -46.43 dBm | -33.43 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49892 GHz | -42.14 dBm | -32.14 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.50000 GHz | -34.60 dBm | -24.60 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50058 GHz | 18.23 dBm | -11.77 dB |

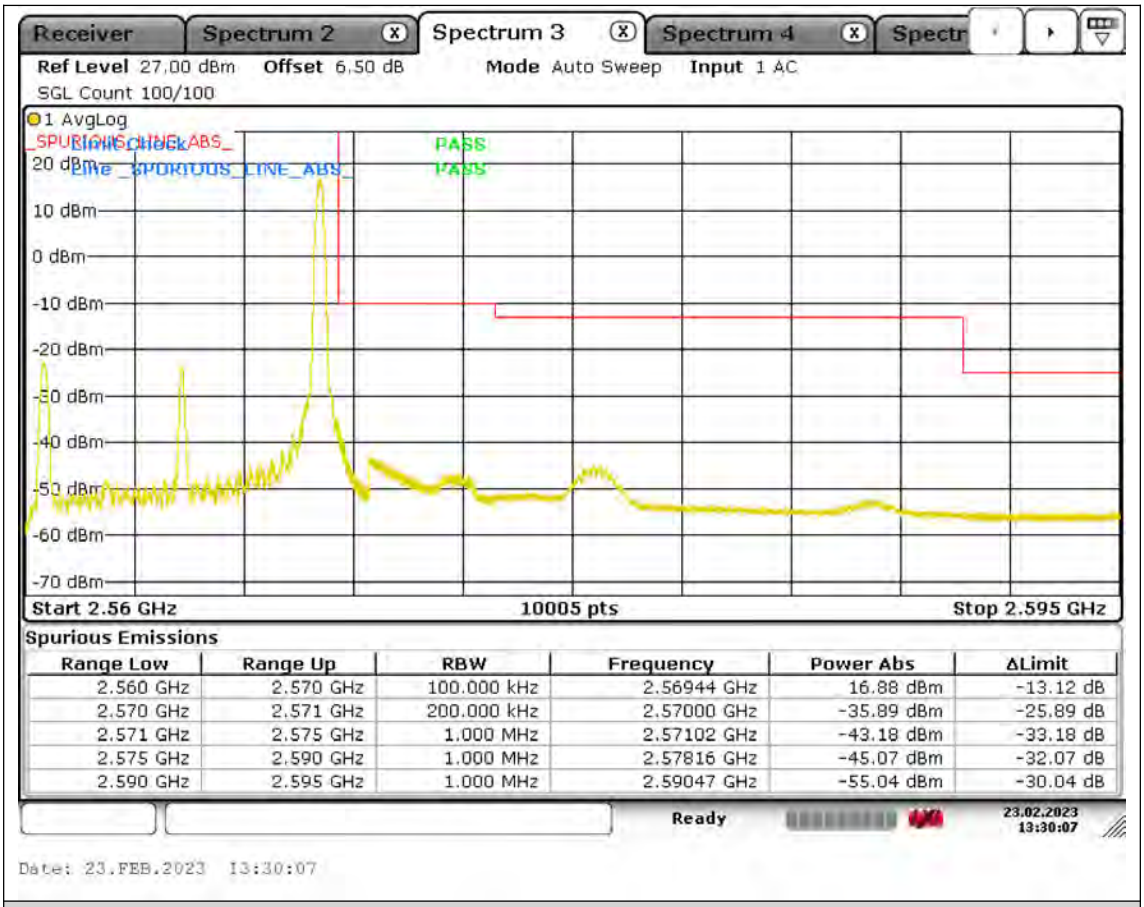
Band7-10MHz-64QAM-20800-50RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49000 GHz | -40.36 dBm | -15.36 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49600 GHz | -32.39 dBm | -19.39 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49898 GHz | -30.52 dBm | -20.52 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.49995 GHz | -35.69 dBm | -25.69 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50915 GHz | -0.10 dBm | -30.10 dB |

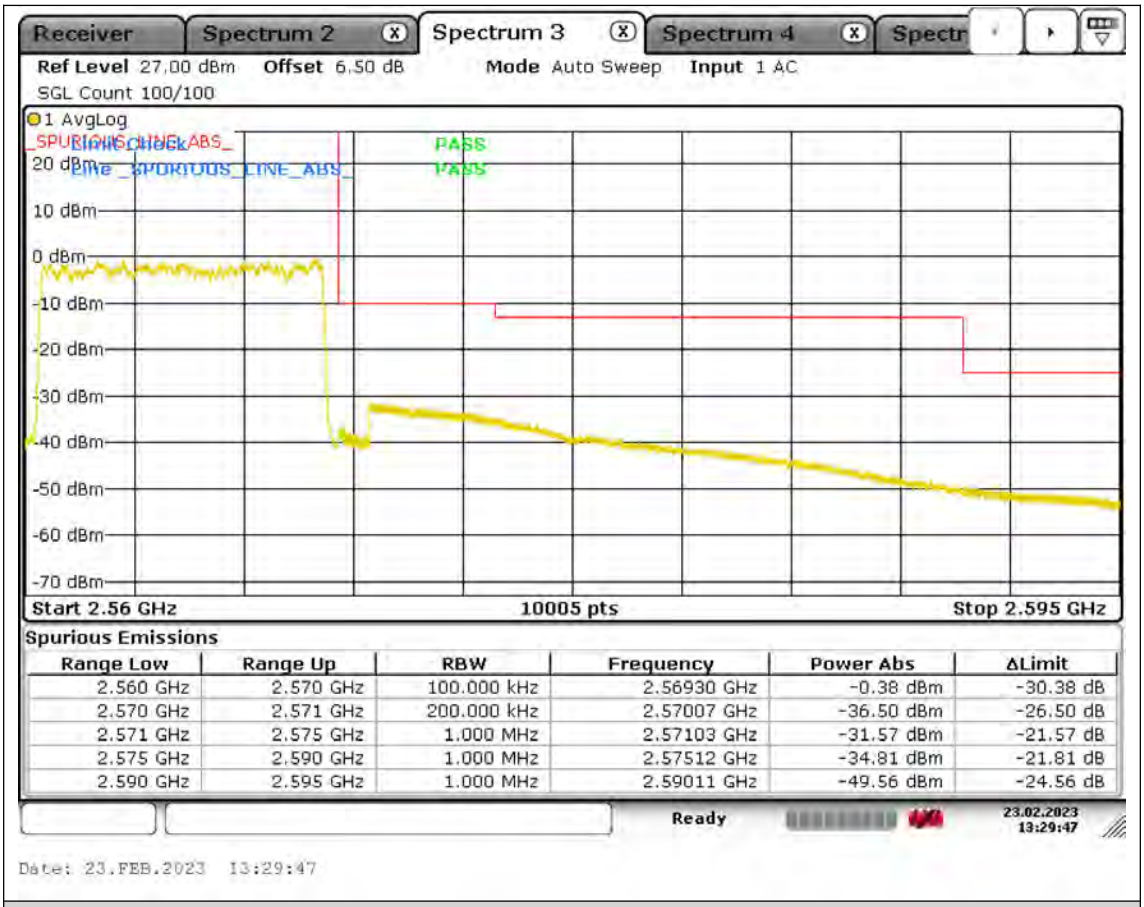
Band7-10MHz-64QAM-21400-1RB#49




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56944 GHz | 16.88 dBm | -13.12 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57000 GHz | -35.89 dBm | -25.89 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -43.18 dBm | -33.18 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57816 GHz | -45.07 dBm | -32.07 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59047 GHz | -55.04 dBm | -30.04 dB |

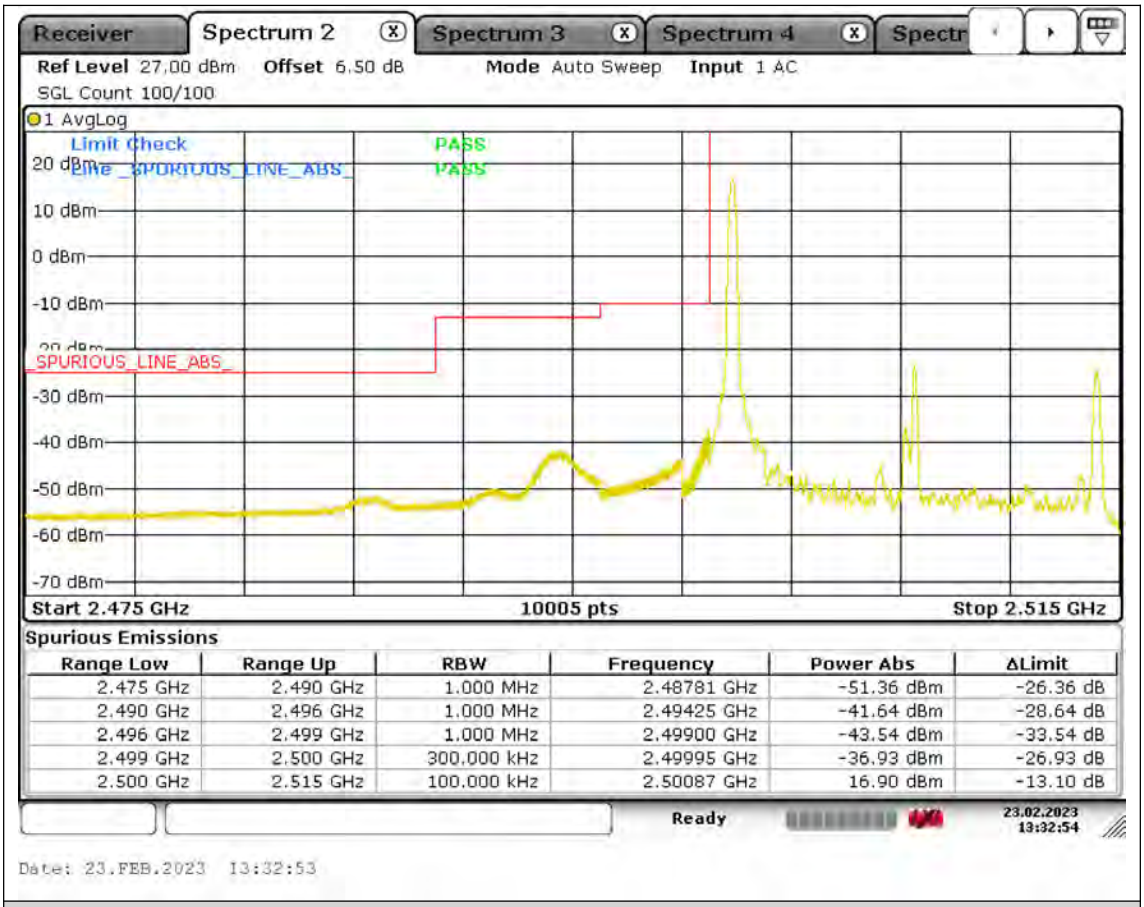
Band7-10MHz-64QAM-21400-50RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56930 GHz | -0.38 dBm | -30.38 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57007 GHz | -36.50 dBm | -26.50 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57103 GHz | -31.57 dBm | -21.57 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57512 GHz | -34.81 dBm | -21.81 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59011 GHz | -49.56 dBm | -24.56 dB |

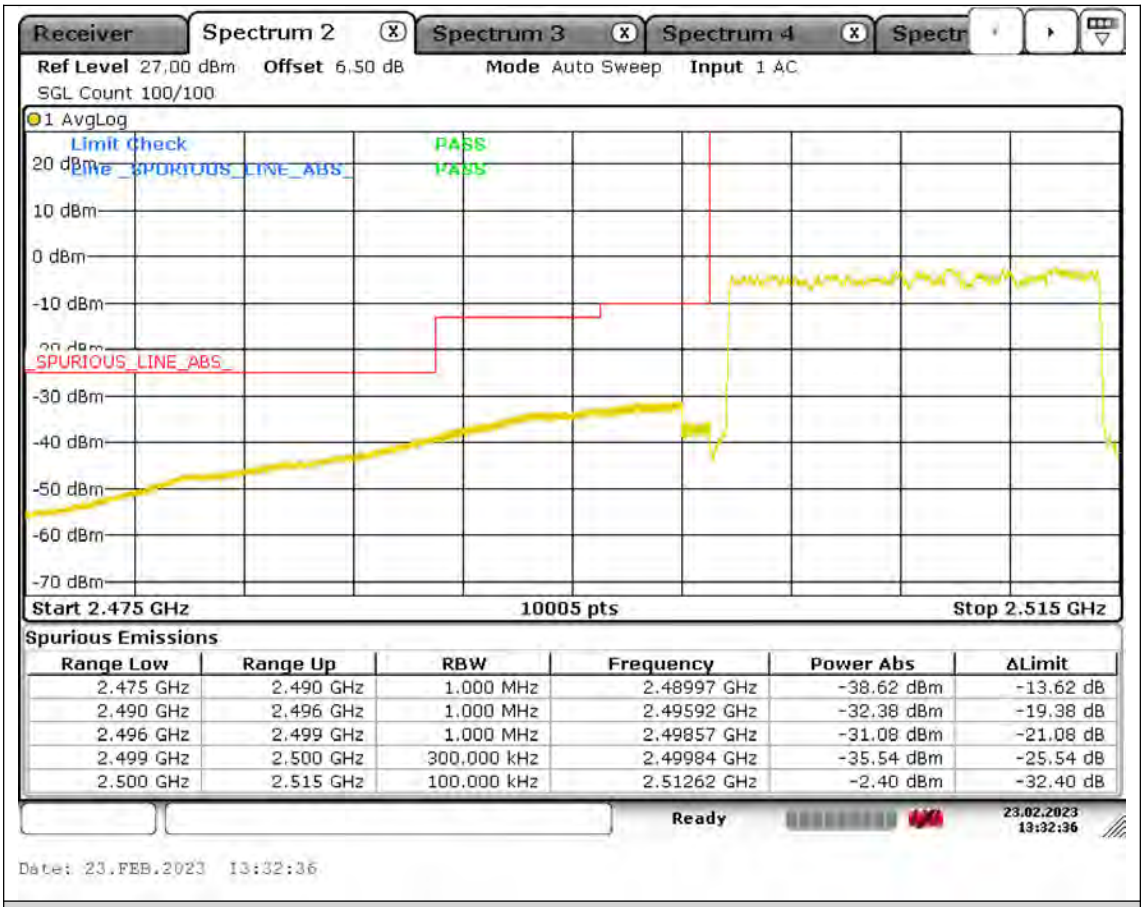
Band7-15MHz-64QAM-20825-1RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48781 GHz | -51.36 dBm | -26.36 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49425 GHz | -41.64 dBm | -28.64 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49900 GHz | -43.54 dBm | -33.54 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49995 GHz | -36.93 dBm | -26.93 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.50087 GHz | 16.90 dBm | -13.10 dB |

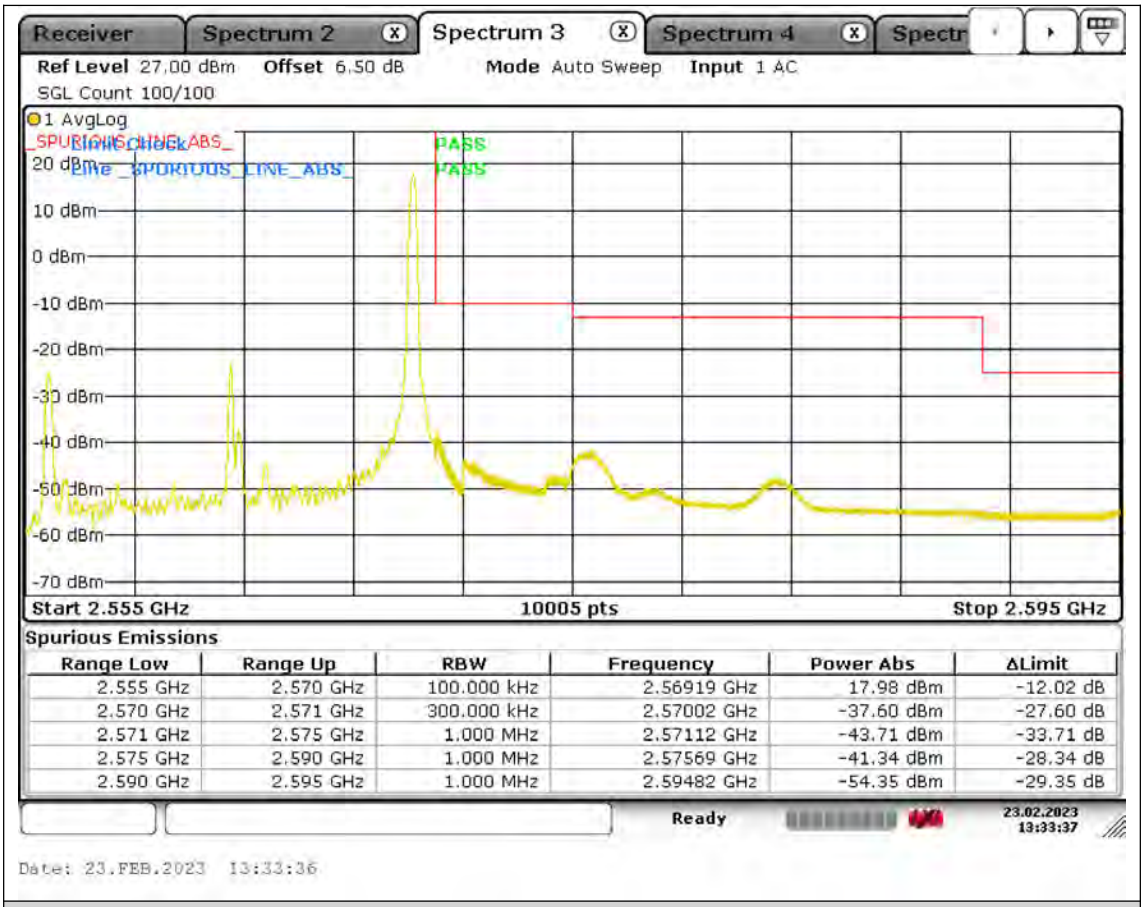
Band7-15MHz-64QAM-20825-75RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48997 GHz | -38.62 dBm | -13.62 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49592 GHz | -32.38 dBm | -19.38 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49857 GHz | -31.08 dBm | -21.08 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49984 GHz | -35.54 dBm | -25.54 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.51262 GHz | -2.40 dBm | -32.40 dB |

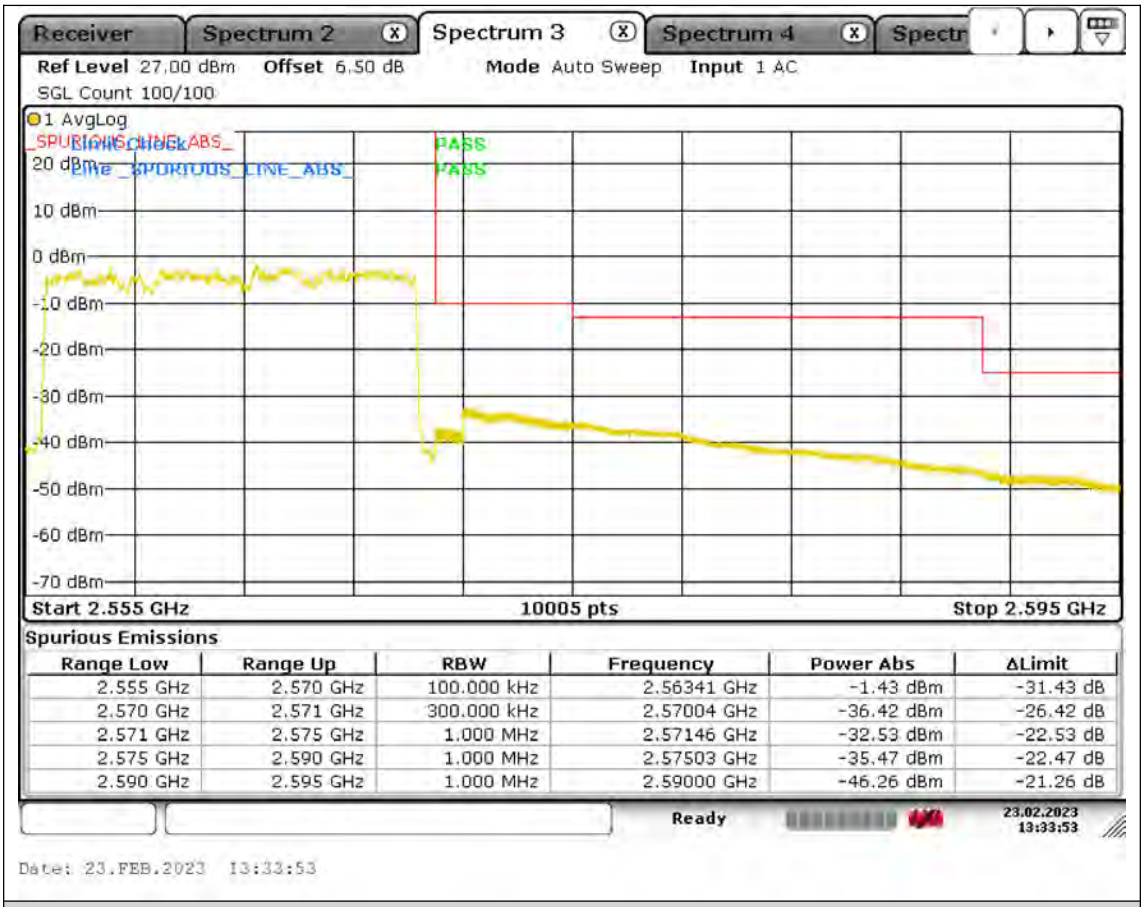
Band7-15MHz-64QAM-21375-1RB#74




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56919 GHz | 17.98 dBm | -12.02 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57002 GHz | -37.60 dBm | -27.60 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57112 GHz | -43.71 dBm | -33.71 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57569 GHz | -41.34 dBm | -28.34 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59482 GHz | -54.35 dBm | -29.35 dB |

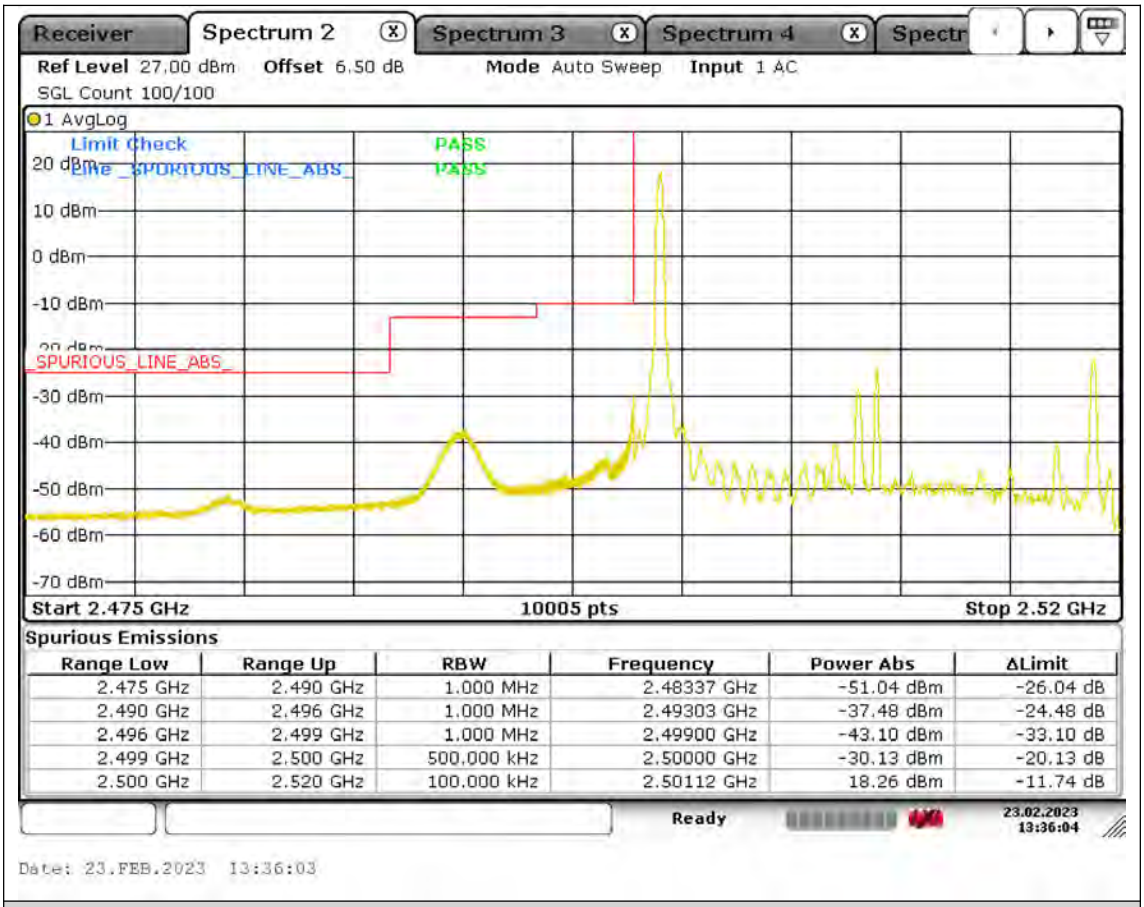
Band7-15MHz-64QAM-21375-75RB#0



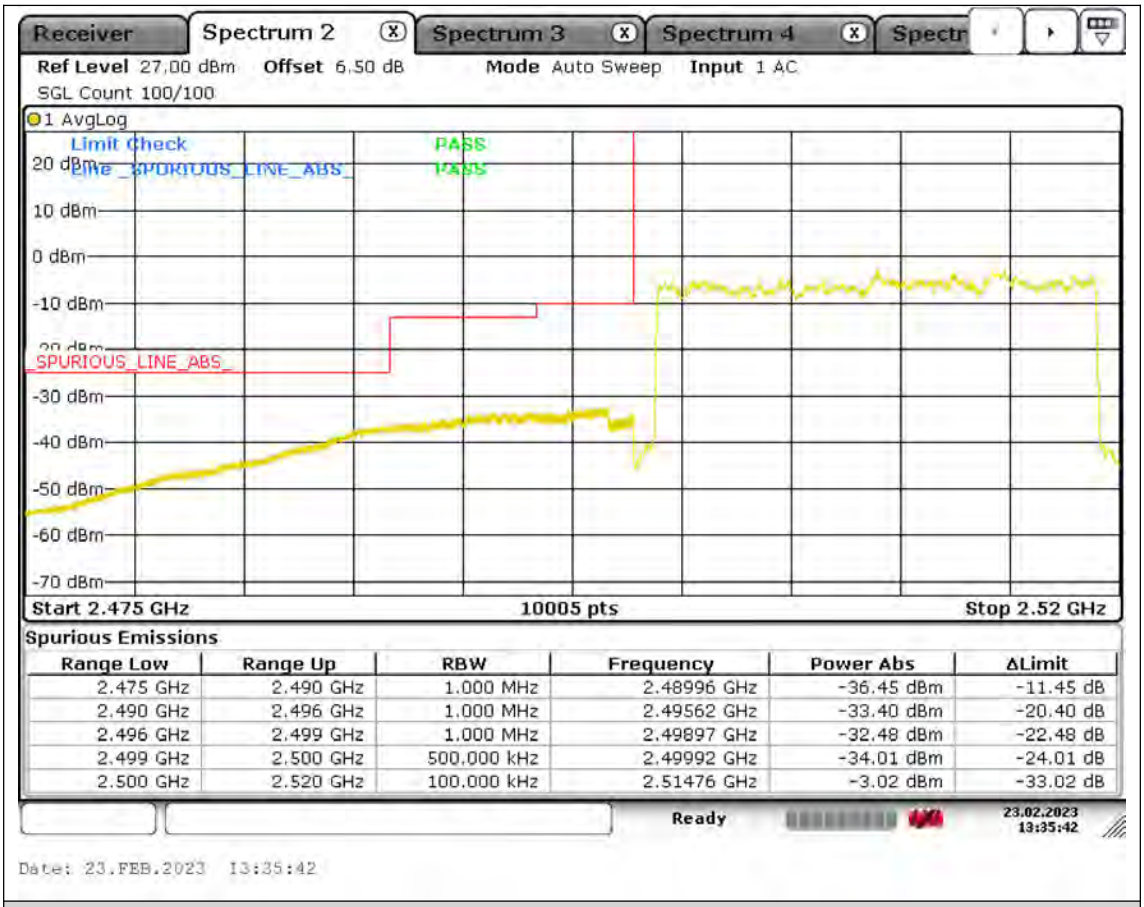

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56341 GHz | -1.43 dBm | -31.43 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57004 GHz | -36.42 dBm | -26.42 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57146 GHz | -32.53 dBm | -22.53 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57503 GHz | -35.47 dBm | -22.47 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59000 GHz | -46.26 dBm | -21.26 dB |

Band7-20MHz-64QAM-20850-1RB#0



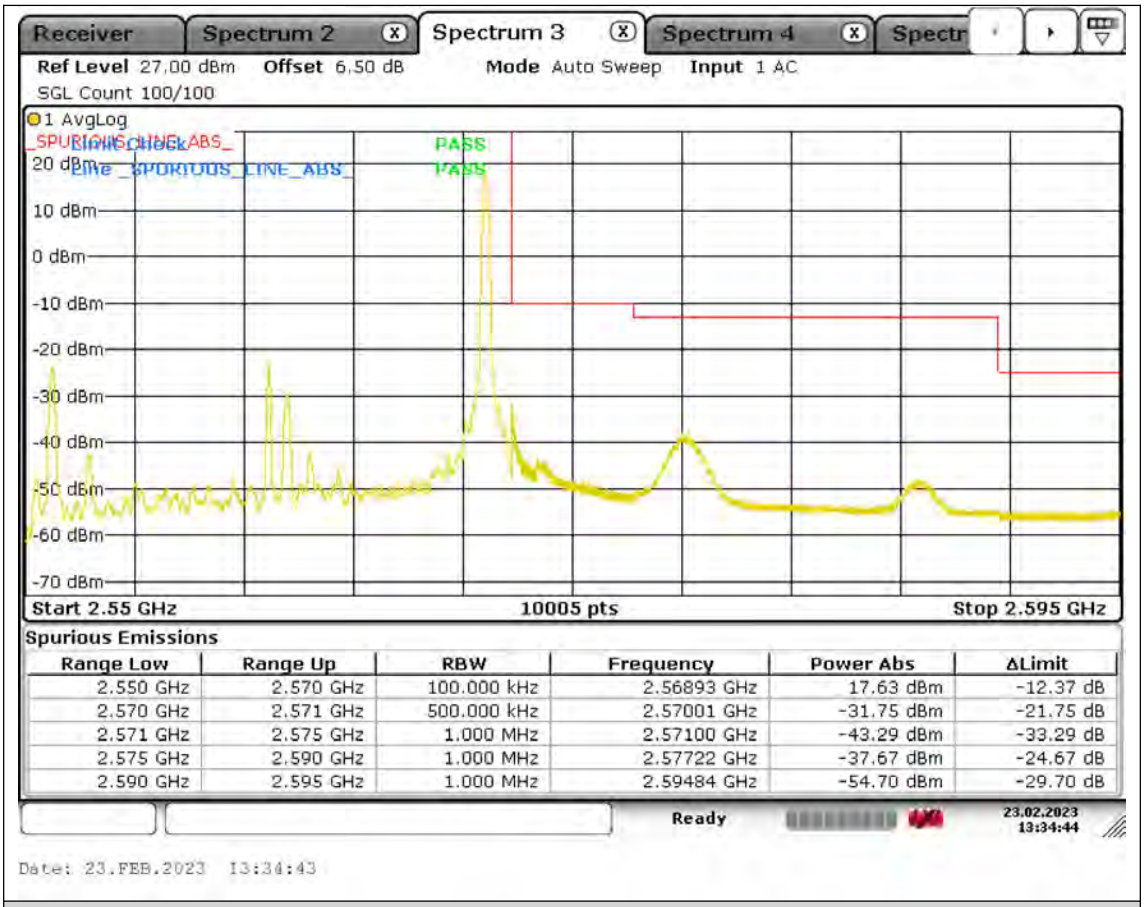

Band7-20MHz-64QAM-20850-100RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48996 GHz | -36.45 dBm | -11.45 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49562 GHz | -33.40 dBm | -20.40 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49897 GHz | -32.48 dBm | -22.48 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.49992 GHz | -34.01 dBm | -24.01 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.51476 GHz | -3.02 dBm | -33.02 dB |

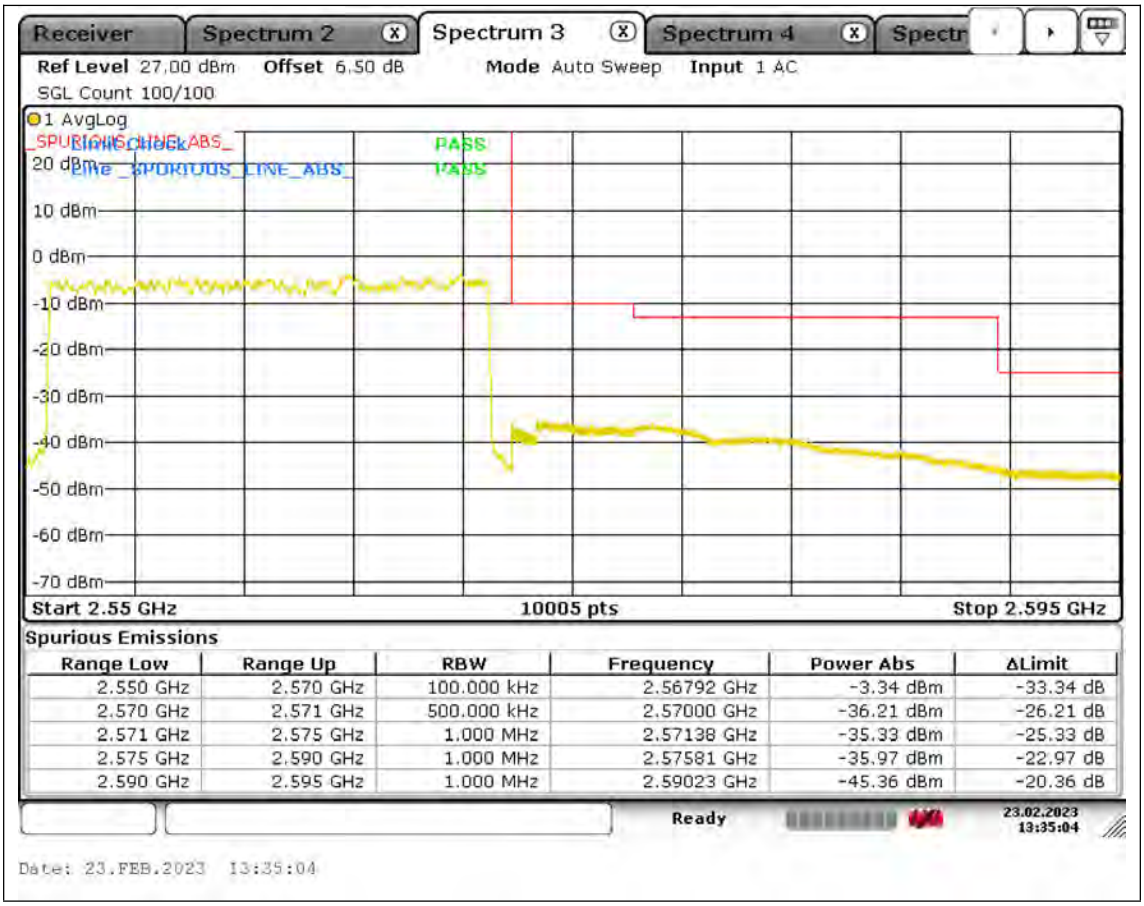
Band7-20MHz-64QAM-21350-1RB#99




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56893 GHz | 17.63 dBm | -12.37 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57001 GHz | -31.75 dBm | -21.75 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -43.29 dBm | -33.29 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57722 GHz | -37.67 dBm | -24.67 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59484 GHz | -54.70 dBm | -29.70 dB |

Band7-20MHz-64QAM-21350-100RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56792 GHz | -3.34 dBm | -33.34 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57000 GHz | -36.21 dBm | -26.21 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57138 GHz | -35.33 dBm | -25.33 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57581 GHz | -35.97 dBm | -22.97 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59023 GHz | -45.36 dBm | -20.36 dB |

## CONDUCTED SPURIOUS EMISSION

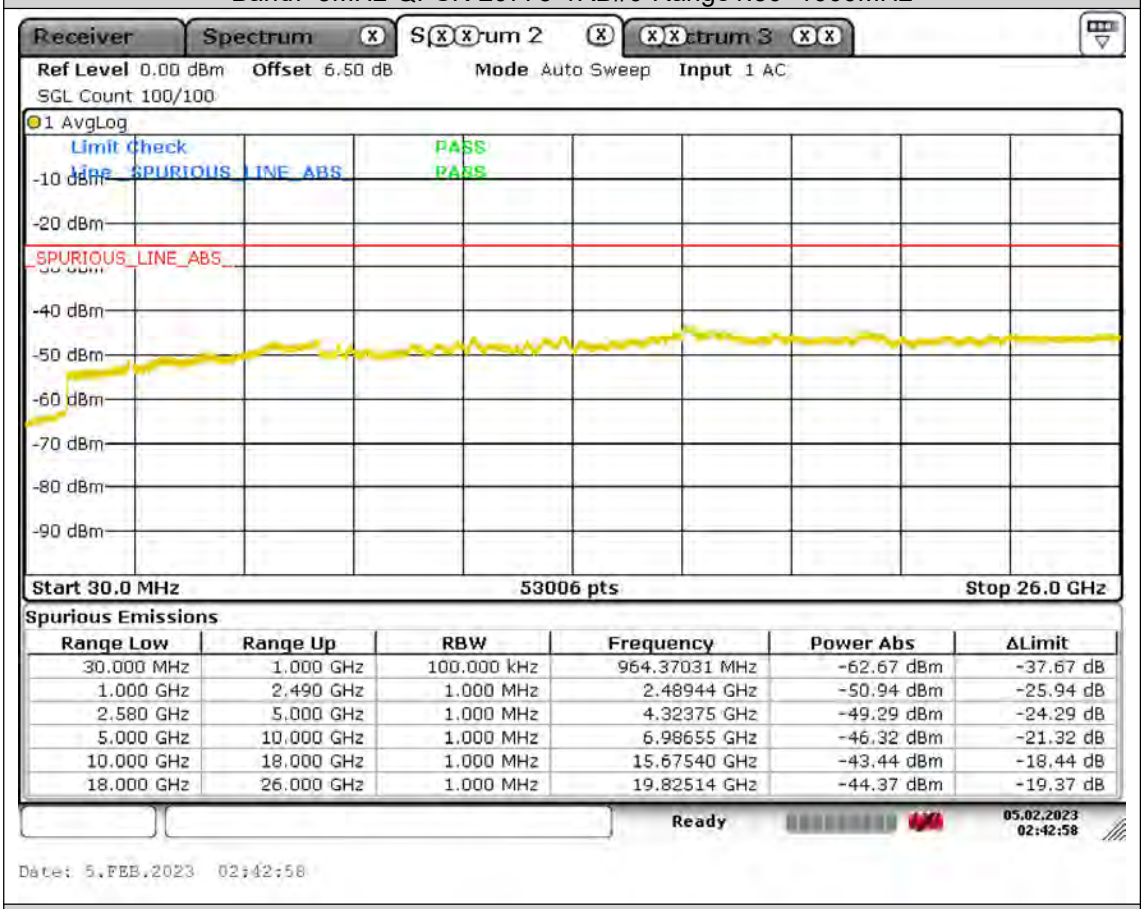
### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | Range1:30~1000MHz | -62.67 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | Range2:1000~26000MHz | -43.44 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -62.78 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.32 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | Range1:30~1000MHz | -62.66 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | Range2:1000~26000MHz | -43.14 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | Range1:30~1000MHz | -62.65 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | Range2:1000~26000MHz | -43.26 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -62.68 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.27 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | Range1:30~1000MHz | -62.54 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | Range2:1000~26000MHz | -43.20 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | Range1:30~1000MHz | -63.06 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | Range2:1000~26000MHz | -43.02 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -63.02 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.24 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | Range1:30~1000MHz | -62.99 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | Range2:1000~26000MHz | -43.40 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | Range1:30~1000MHz | -62.95 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | Range2:1000~26000MHz | -43.18 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -63.10 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.38 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | Range1:30~1000MHz | -62.94 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | Range2:1000~26000MHz | -43.29 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | Range1:30~1000MHz | -62.99 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | Range2:1000~26000MHz | -43.27 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -63.05 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.22 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | Range1:30~1000MHz | -62.99 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | Range2:1000~26000MHz | -43.34 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | Range1:30~1000MHz | -63.07 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | Range2:1000~26000MHz | -43.09 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -63.14 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.23 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | Range1:30~1000MHz | -63.03 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | Range2:1000~26000MHz | -63.32 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | Range1:30~1000MHz | -62.97 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | Range2:1000~26000MHz | -43.21 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -63.12 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.30 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | Range1:30~1000MHz | -63.03 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | Range2:1000~26000MHz | -43.23 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range1:30~1000MHz | -63.12 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range2:1000~26000MHz | -43.26 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -63.10 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.28 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range1:30~1000MHz | -63.07 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range2:1000~26000MHz | -43.31 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | Range1:30~1000MHz | -62.33 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | Range2:1000~26000MHz | -42.87 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -62.28 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | Range2:1000~26000MHz | -42.93 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | Range1:30~1000MHz | -62.32 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | Range2:1000~26000MHz | -42.93 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | Range1:30~1000MHz | -62.29 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | Range2:1000~26000MHz | -42.93 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -62.32 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | Range2:1000~26000MHz | -42.85 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | Range1:30~1000MHz | -62.46 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | Range2:1000~26000MHz | -42.97 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | Range1:30~1000MHz | -62.33 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | Range2:1000~26000MHz | -43.02 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -62.37 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | Range2:1000~26000MHz | -42.79 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | Range1:30~1000MHz | -62.35 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | Range2:1000~26000MHz | -42.70 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | Range1:30~1000MHz | -62.33 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | Range2:1000~26000MHz | -42.90 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -62.28 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | Range2:1000~26000MHz | -43.09 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | Range1:30~1000MHz | -62.47 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | Range2:1000~26000MHz | -43.03 | PASS |

## Test Graphs

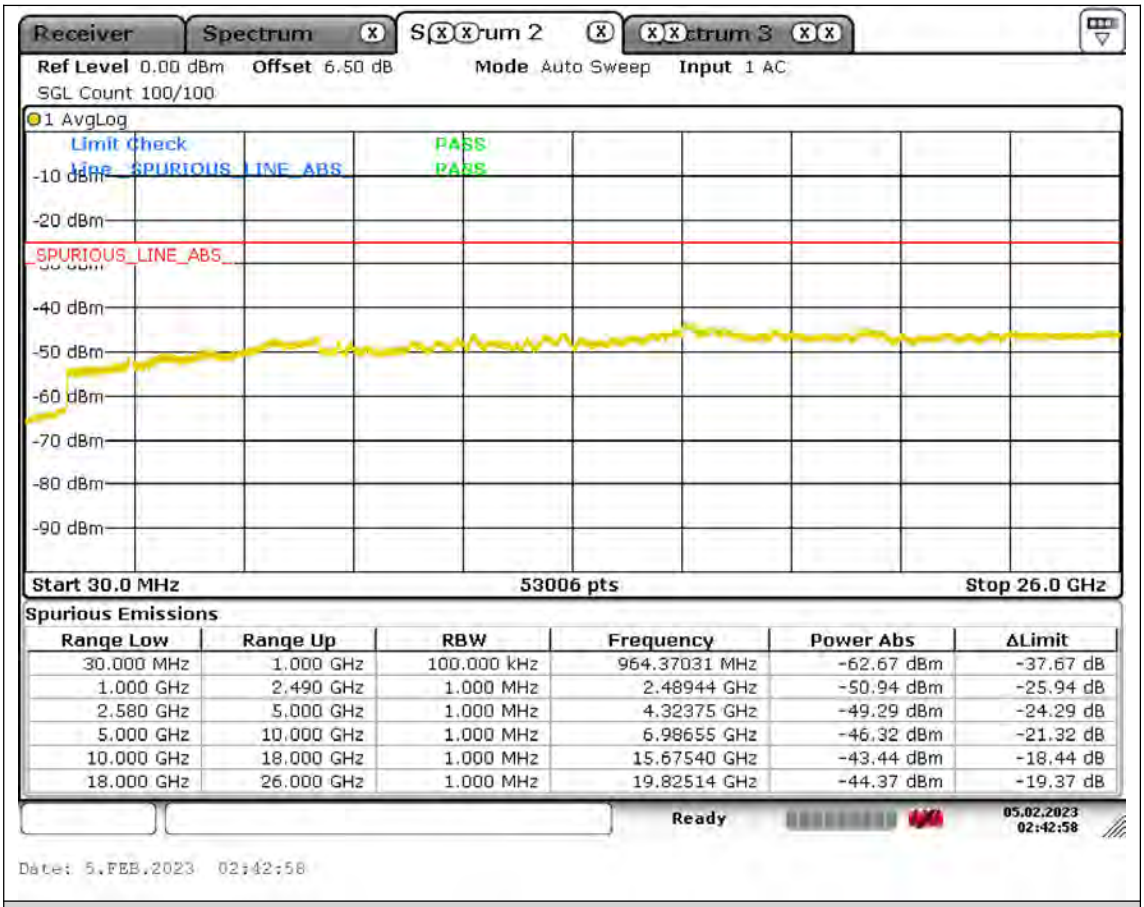
Band7-5MHz-QPSK-20775-1RB#0-Range1:30~1000MHz




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 100.000 kHz | 964.37031 MHz | -62.67 dBm | -37.67 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48944 GHz | -50.94 dBm | -25.94 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.32375 GHz | -49.29 dBm | -24.29 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.98655 GHz | -46.32 dBm | -21.32 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 15.67540 GHz | -43.44 dBm | -18.44 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 19.82514 GHz | -44.37 dBm | -19.37 dB |

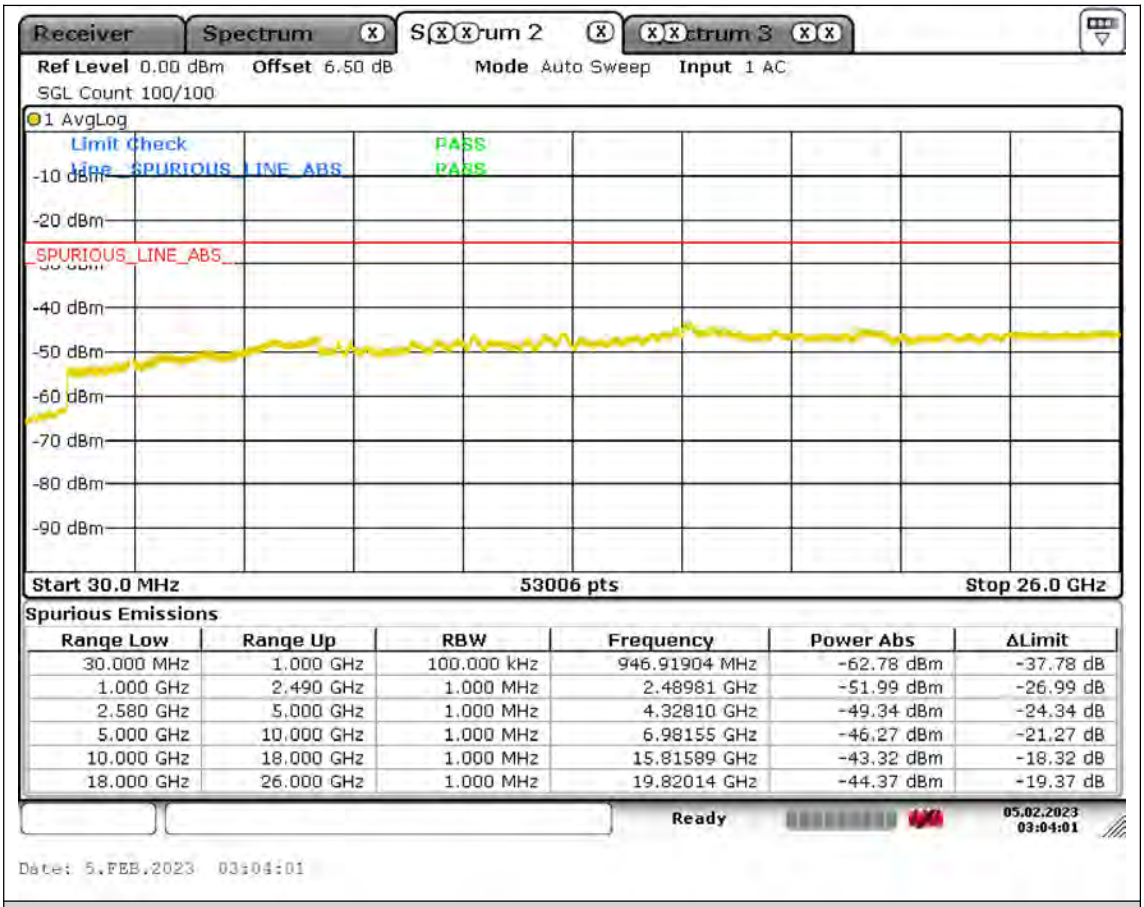
Band7-5MHz-QPSK-20775-1RB#0-Range2:1000~26000MHz




Spurious Emissions

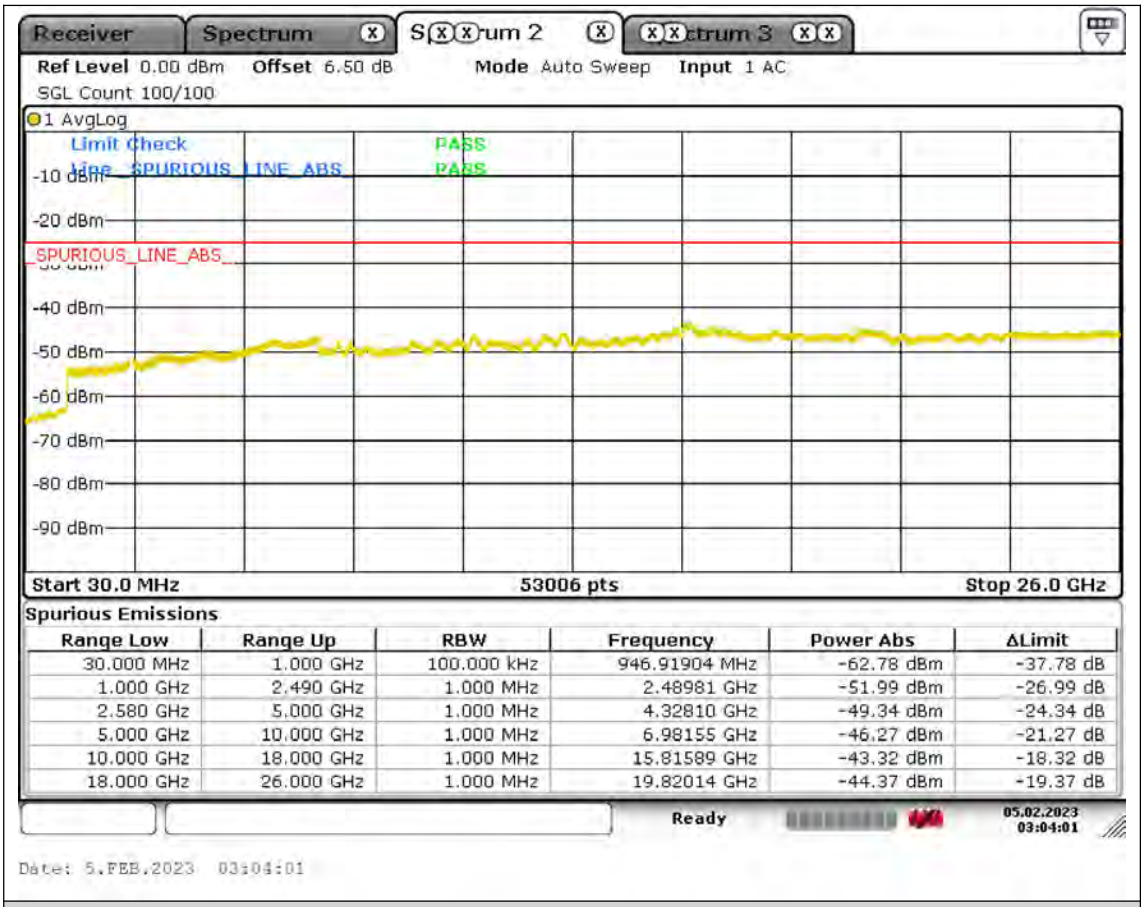
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 100.000 kHz | 964.37031 MHz | -62.67 dBm | -37.67 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48944 GHz | -50.94 dBm | -25.94 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.32375 GHz | -49.29 dBm | -24.29 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.98655 GHz | -46.32 dBm | -21.32 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 15.67540 GHz | -43.44 dBm | -18.44 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 19.82514 GHz | -44.37 dBm | -19.37 dB |

Band7-5MHz-QPSK-21100-1RB#0-Range1:30~1000MHz




| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 100.000 kHz | 946.91904 MHz | -62.78 dBm | -37.78 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48981 GHz | -51.99 dBm | -26.99 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.32810 GHz | -49.34 dBm | -24.34 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.98155 GHz | -46.27 dBm | -21.27 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 15.81589 GHz | -43.32 dBm | -18.32 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 19.82014 GHz | -44.37 dBm | -19.37 dB |

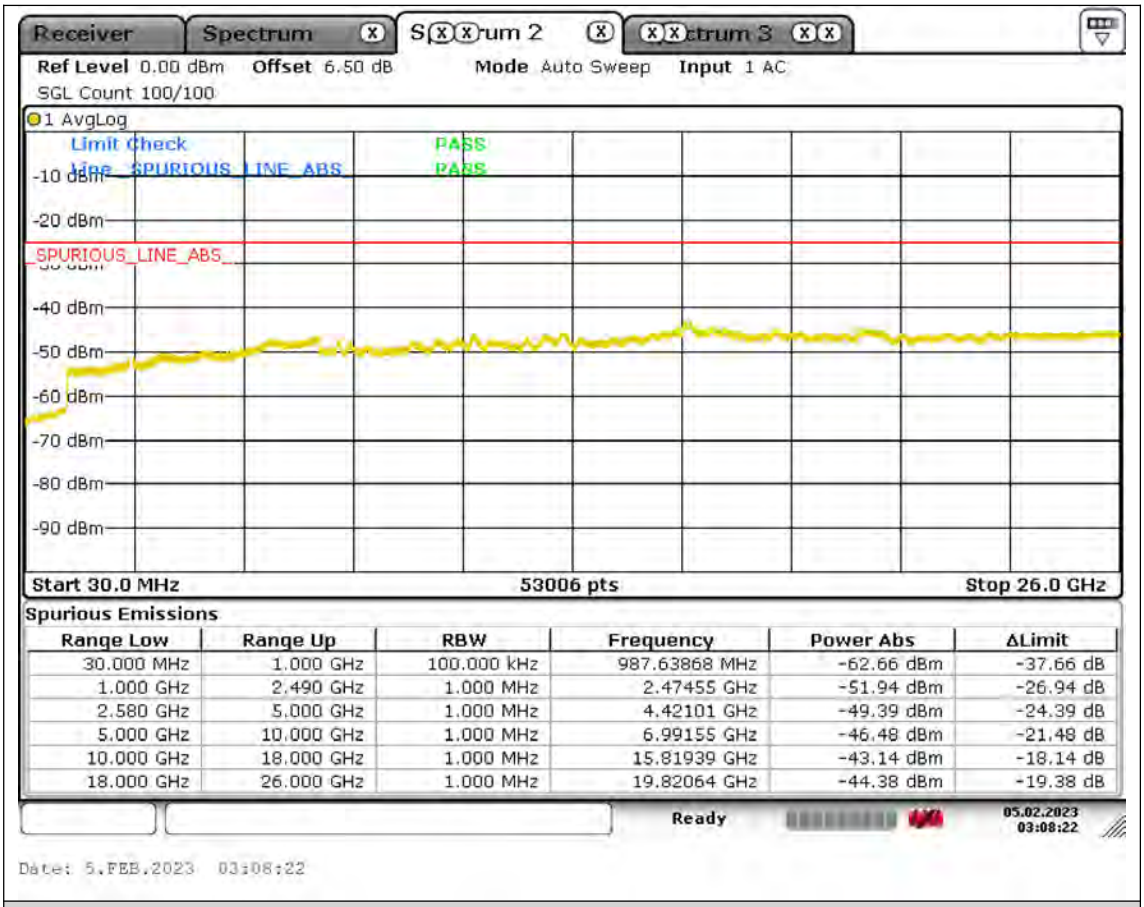
Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~26000MHz



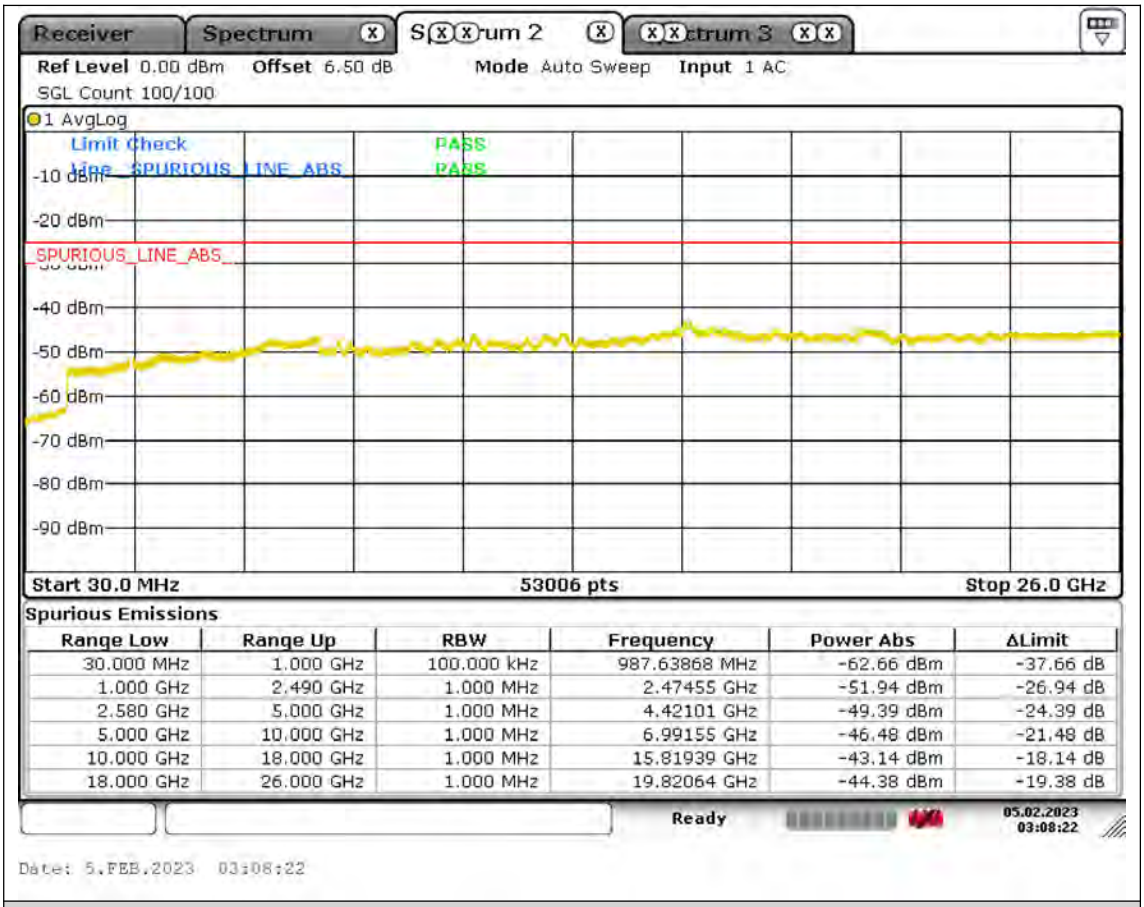

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 100.000 kHz | 946.91904 MHz | -62.78 dBm | -37.78 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48981 GHz | -51.99 dBm | -26.99 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.32810 GHz | -49.34 dBm | -24.34 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.98155 GHz | -46.27 dBm | -21.27 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 15.81589 GHz | -43.32 dBm | -18.32 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 19.82014 GHz | -44.37 dBm | -19.37 dB |

Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



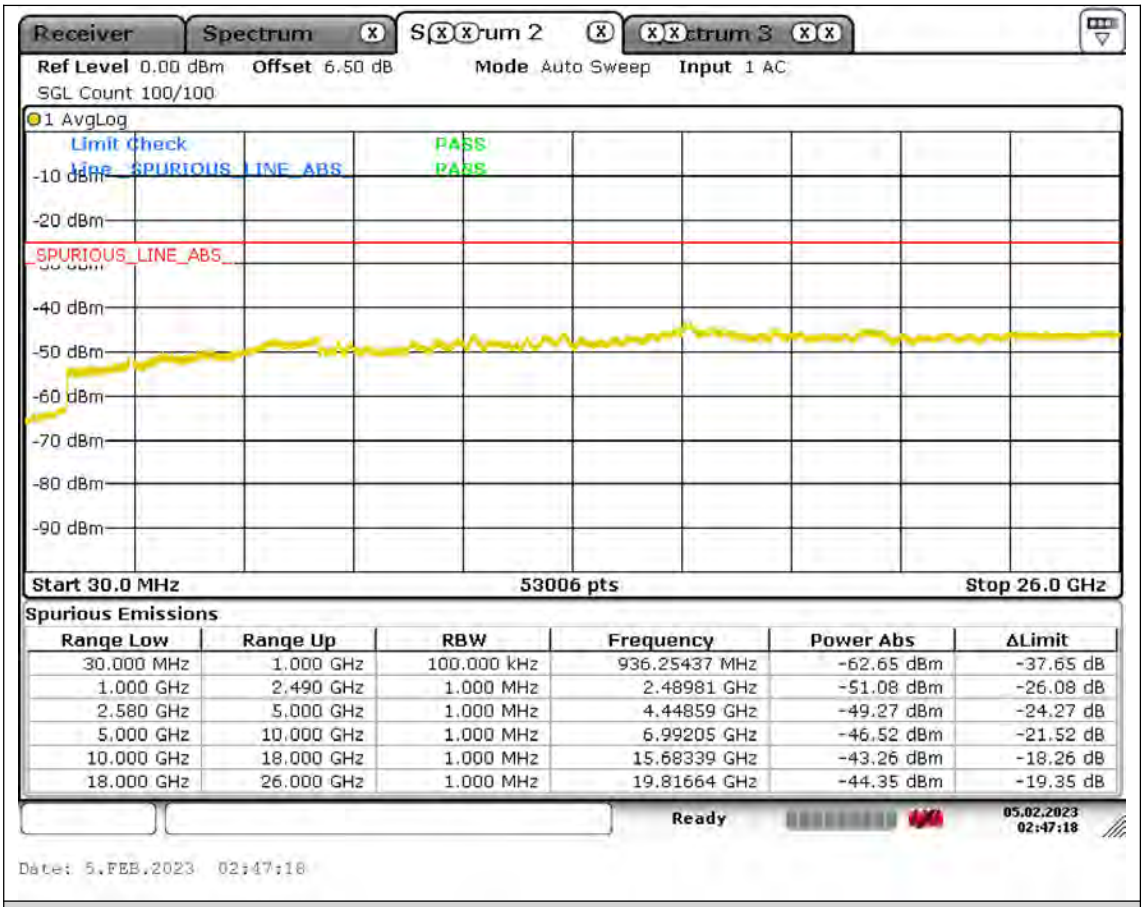

Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~26000MHz




Spurious Emissions

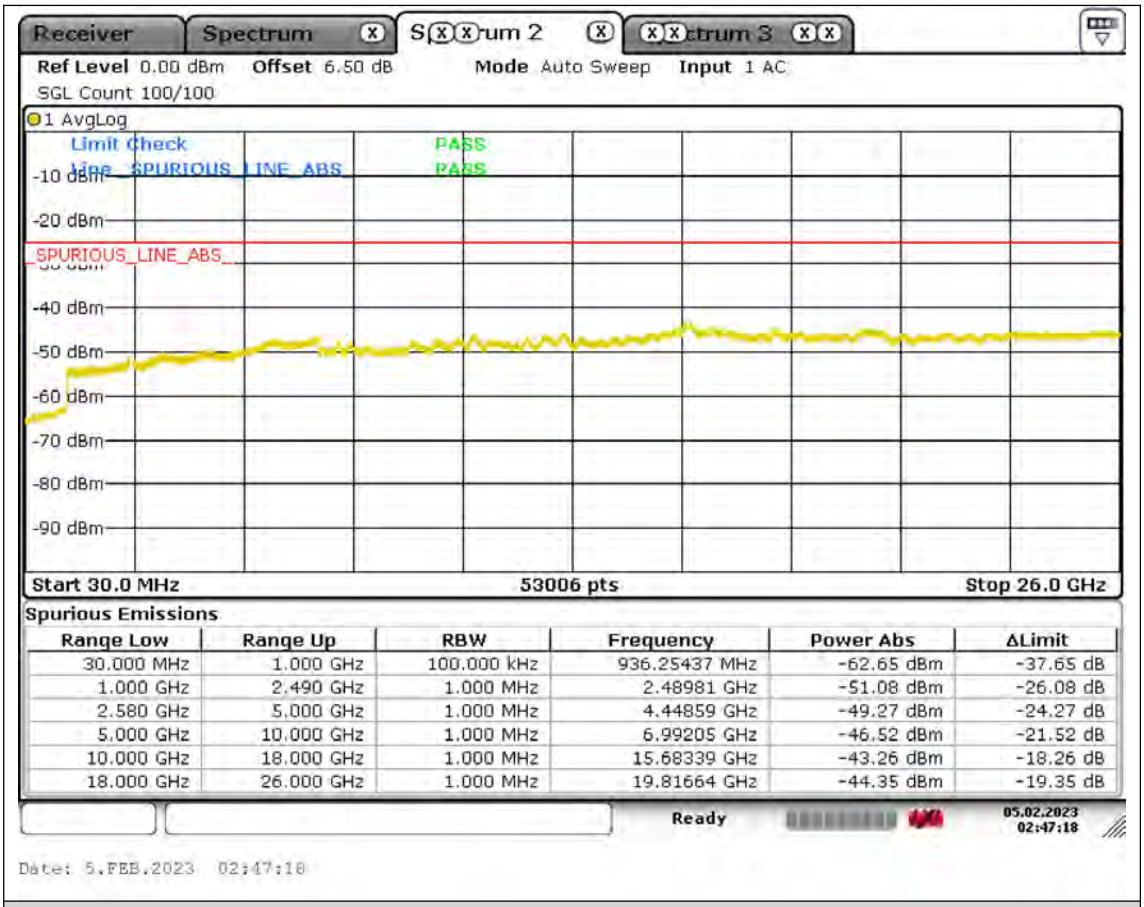
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 100.000 kHz | 987.63868 MHz | -62.66 dBm | -37.66 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.47455 GHz | -51.94 dBm | -26.94 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.42101 GHz | -49.39 dBm | -24.39 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.99155 GHz | -46.48 dBm | -21.48 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 15.81939 GHz | -43.14 dBm | -18.14 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 19.82064 GHz | -44.38 dBm | -19.38 dB |

Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz




| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 100.000 kHz | 936.25437 MHz | -62.65 dBm | -37.65 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48981 GHz | -51.08 dBm | -26.08 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.44859 GHz | -49.27 dBm | -24.27 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.99205 GHz | -46.52 dBm | -21.52 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 15.68339 GHz | -43.26 dBm | -18.26 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 19.81664 GHz | -44.35 dBm | -19.35 dB |

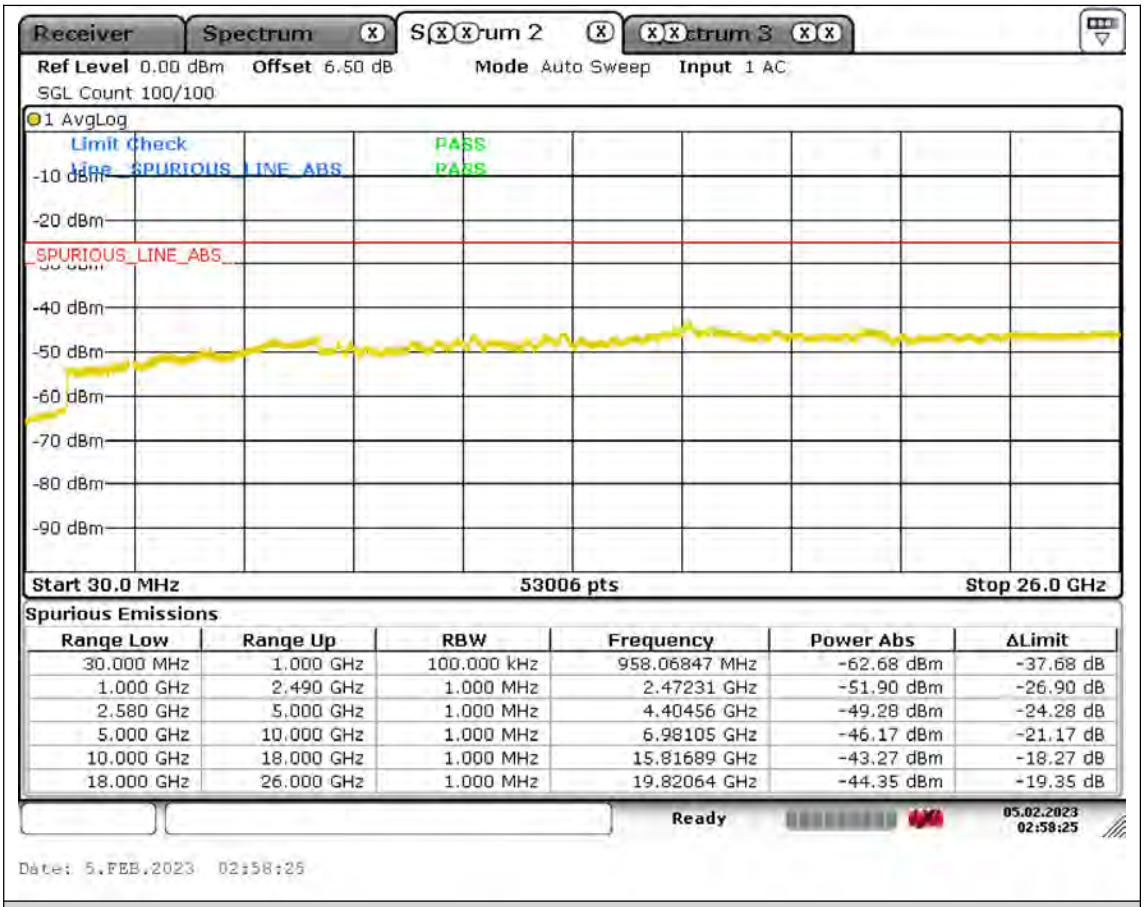
Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~26000MHz



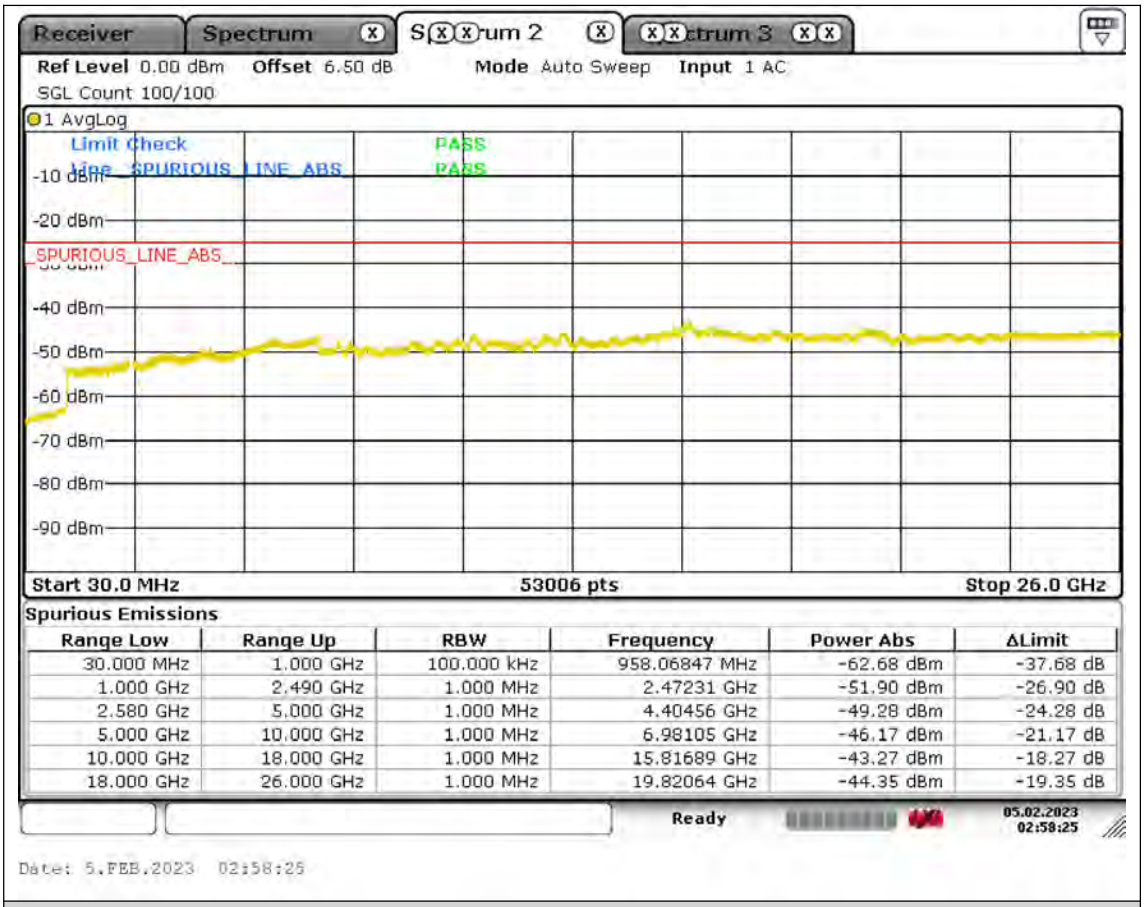

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 100.000 kHz | 936.25437 MHz | -62.65 dBm | -37.65 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48981 GHz | -51.08 dBm | -26.08 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.44859 GHz | -49.27 dBm | -24.27 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.99205 GHz | -46.52 dBm | -21.52 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 15.68339 GHz | -43.26 dBm | -18.26 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 19.81664 GHz | -44.35 dBm | -19.35 dB |

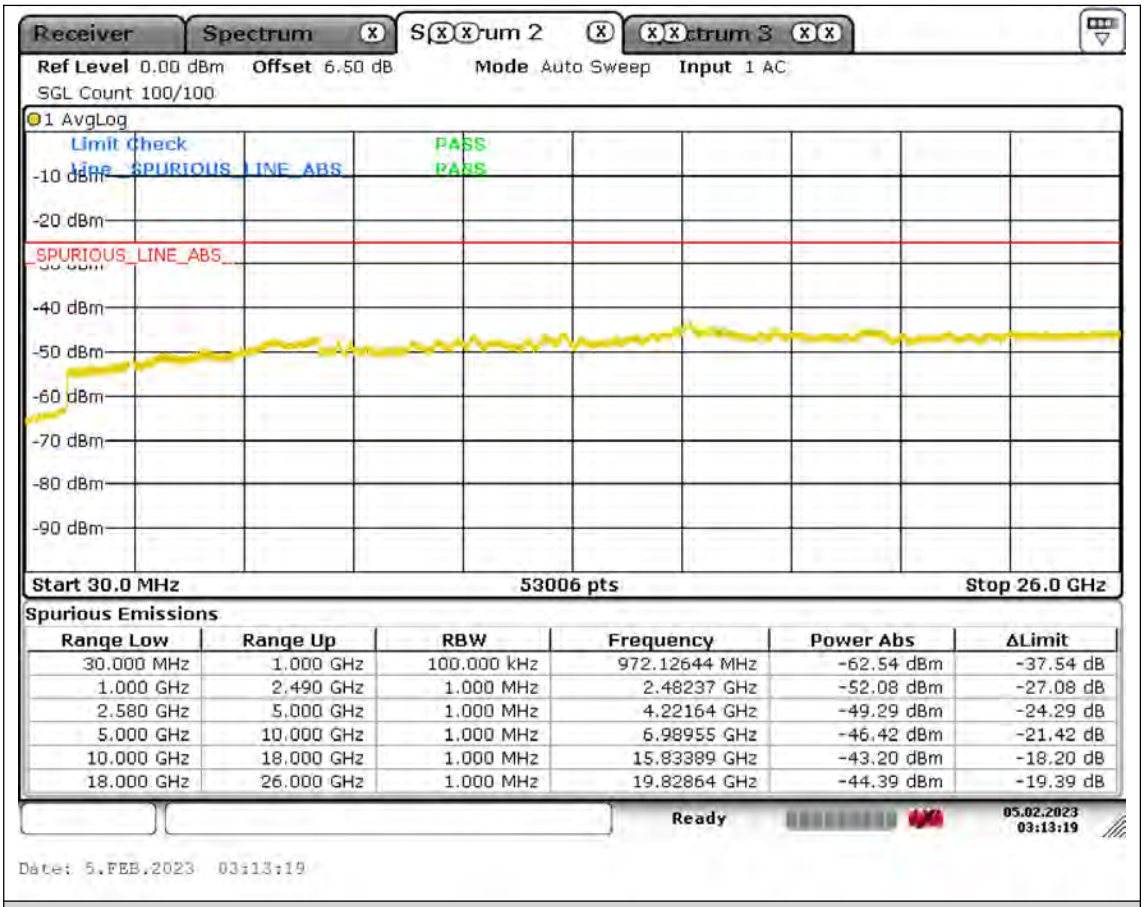
Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



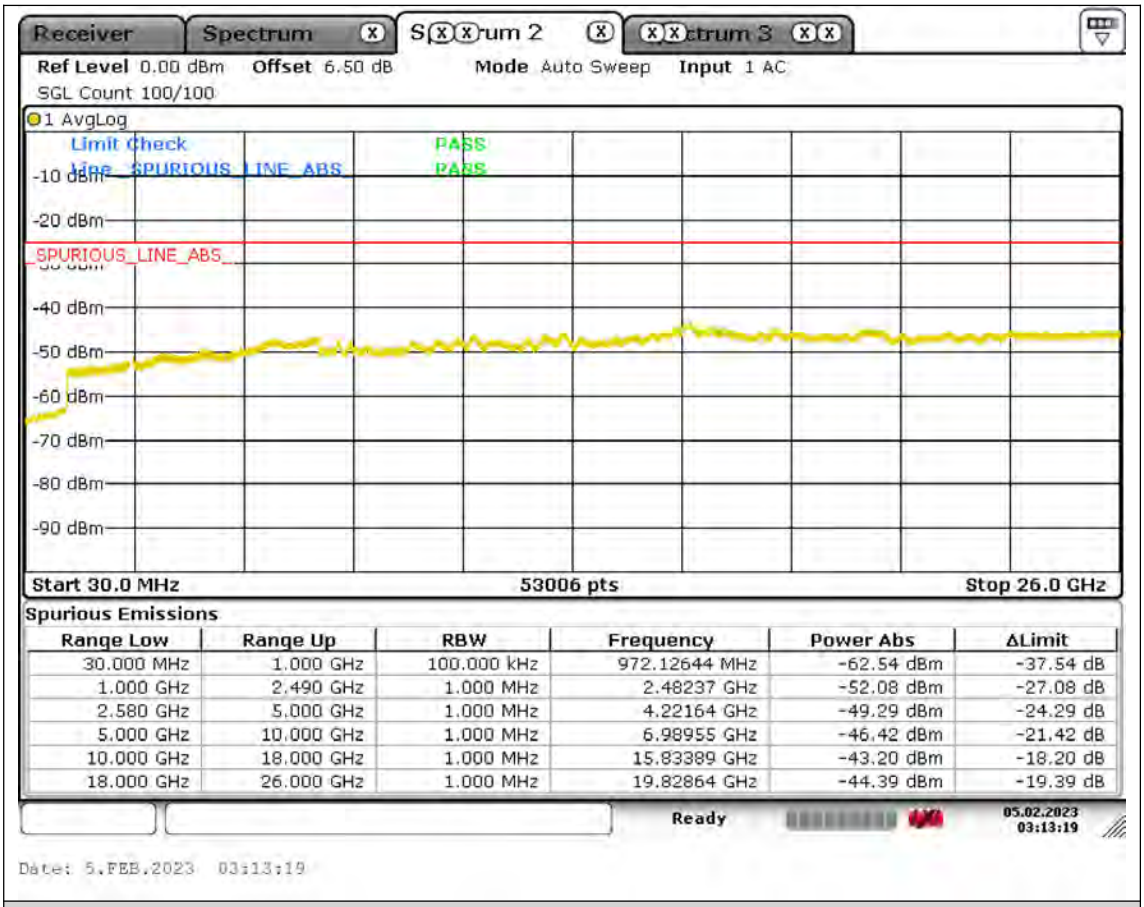

Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~26000MHz



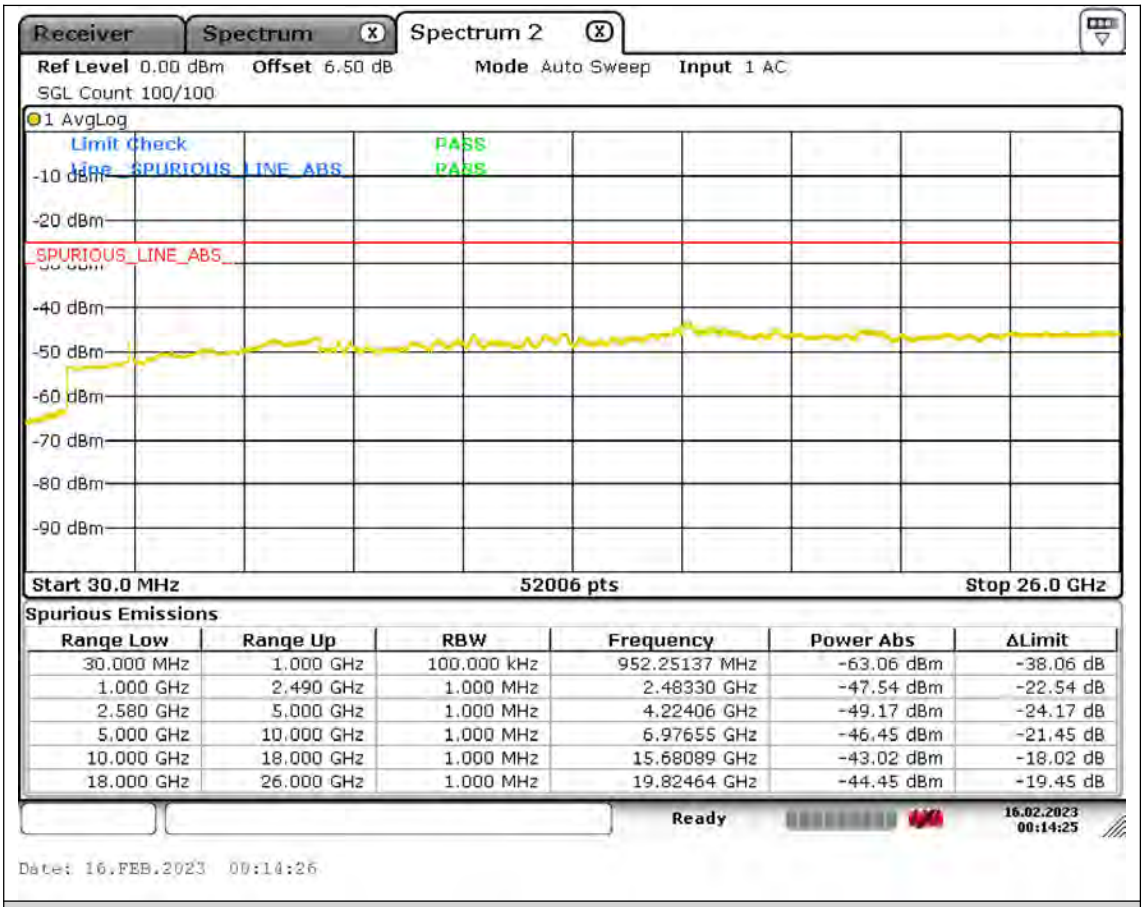

Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz




Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~26000MHz



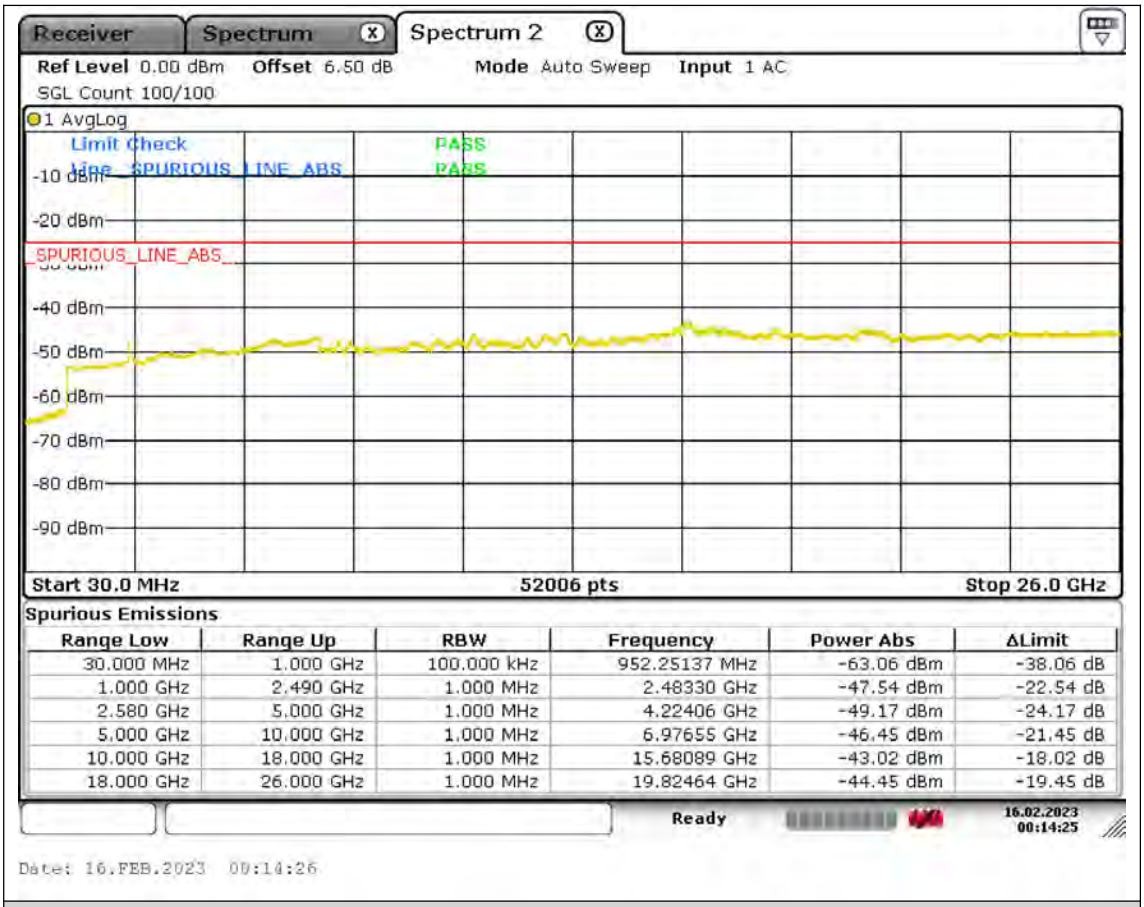

Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 100.000 kHz | 952.25137 MHz | -63.06 dBm | -38.06 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48330 GHz | -47.54 dBm | -22.54 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.22406 GHz | -49.17 dBm | -24.17 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.97655 GHz | -46.45 dBm | -21.45 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 15.68089 GHz | -43.02 dBm | -18.02 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 19.82464 GHz | -44.45 dBm | -19.45 dB |

Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~26000MHz




Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz