

## Appendix for LTE Band 17

Model: LGE-NX9

BTL-FCCP-3-2203G019

| <b>Table of Contents</b>                                                    | <b>Page</b> |
|-----------------------------------------------------------------------------|-------------|
| <b>1 . APPENDIX A - EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER</b> | <b>5</b>    |
| 1.1 TEST RESULTS                                                            | 5           |
| <b>2 . APPENDIX B - PEAK-TO-AVERAGE RATIO</b>                               | <b>6</b>    |
| 2.1 TEST RESULTS                                                            | 6           |
| <b>3 . APPENDIX C - MODULATION CHARACTERISTICS</b>                          | <b>7</b>    |
| 3.1 TEST PLOTS                                                              | 7           |
| 3.1.1 TM1_5MHZ_MCH_RB25#0                                                   | 7           |
| 3.1.2 TM1_10MHZ_MCH_RB50#0                                                  | 7           |
| 3.1.3 TM2_5MHZ_MCH_RB25#0                                                   | 8           |
| 3.1.4 TM2_10MHZ_MCH_RB50#0                                                  | 8           |
| 3.1.5 TM3_5MHZ_MCH_RB25#0                                                   | 9           |
| 3.1.6 TM3_10MHZ_MCH_RB50#0                                                  | 9           |
| <b>4 . APPENDIX D - OCCUPIED BANDWIDTH</b>                                  | <b>10</b>   |
| 4.1 TEST RESULTS                                                            | 10          |
| 4.2 TEST PLOTS                                                              | 11          |
| 4.2.1 TM1_5MHZ_LCH_RB25#0                                                   | 11          |
| 4.2.2 TM1_5MHZ_MCH_RB25#0                                                   | 12          |
| 4.2.3 TM1_5MHZ_HCH_RB25#0                                                   | 13          |
| 4.2.4 TM1_10MHZ_LCH_RB50#0                                                  | 14          |
| 4.2.5 TM1_10MHZ_MCH_RB50#0                                                  | 15          |
| 4.2.6 TM1_10MHZ_HCH_RB50#0                                                  | 16          |
| 4.2.7 TM2_5MHZ_LCH_RB25#0                                                   | 17          |
| 4.2.8 TM2_5MHZ_MCH_RB25#0                                                   | 18          |
| 4.2.9 TM2_5MHZ_HCH_RB25#0                                                   | 19          |
| 4.2.10 TM2_10MHZ_LCH_RB50#0                                                 | 20          |
| 4.2.11 TM2_10MHZ_MCH_RB50#0                                                 | 21          |
| 4.2.12 TM2_10MHZ_HCH_RB50#0                                                 | 22          |
| 4.2.13 TM3_5MHZ_LCH_RB25#0                                                  | 23          |
| 4.2.14 TM3_5MHZ_MCH_RB25#0                                                  | 24          |
| 4.2.15 TM3_5MHZ_HCH_RB25#0                                                  | 25          |
| 4.2.16 TM3_10MHZ_LCH_RB50#0                                                 | 26          |
| 4.2.17 TM3_10MHZ_MCH_RB50#0                                                 | 27          |
| 4.2.18 TM3_10MHZ_HCH_RB50#0                                                 | 28          |
| <b>5 . APPENDIX E - BAND EDGES COMPLIANCE</b>                               | <b>29</b>   |
| 5.1 TEST RESULTS                                                            | 29          |
| 5.2 TEST PLOTS                                                              | 30          |
| 5.2.1 TM1_5MHZ_LCH_RB25#0                                                   | 30          |
| 5.2.2 TM1_5MHZ_LCH_RB1#0                                                    | 30          |

| <b>Table of Contents</b>                                      | <b>Page</b> |
|---------------------------------------------------------------|-------------|
| 5.2.3 TM1_5MHZ_LCH_RB1#24                                     | 31          |
| 5.2.4 TM1_5MHZ_HCH_RB25#0                                     | 31          |
| 5.2.5 TM1_5MHZ_HCH_RB1#0                                      | 32          |
| 5.2.6 TM1_5MHZ_HCH_RB1#24                                     | 32          |
| 5.2.7 TM1_10MHZ_LCH_RB50#0                                    | 33          |
| 5.2.8 TM1_10MHZ_LCH_RB1#0                                     | 33          |
| 5.2.9 TM1_10MHZ_LCH_RB1#49                                    | 34          |
| 5.2.10 TM1_10MHZ_HCH_RB50#0                                   | 34          |
| 5.2.11 TM1_10MHZ_HCH_RB1#0                                    | 35          |
| 5.2.12 TM1_10MHZ_HCH_RB1#49                                   | 35          |
| 5.2.13 TM2_5MHZ_LCH_RB25#0                                    | 36          |
| 5.2.14 TM2_5MHZ_LCH_RB1#0                                     | 36          |
| 5.2.15 TM2_5MHZ_LCH_RB1#24                                    | 37          |
| 5.2.16 TM2_5MHZ_HCH_RB25#0                                    | 37          |
| 5.2.17 TM2_5MHZ_HCH_RB1#0                                     | 38          |
| 5.2.18 TM2_5MHZ_HCH_RB1#24                                    | 38          |
| 5.2.19 TM2_10MHZ_LCH_RB50#0                                   | 39          |
| 5.2.20 TM2_10MHZ_LCH_RB1#0                                    | 39          |
| 5.2.21 TM2_10MHZ_LCH_RB1#49                                   | 40          |
| 5.2.22 TM2_10MHZ_HCH_RB50#0                                   | 40          |
| 5.2.23 TM2_10MHZ_HCH_RB1#0                                    | 41          |
| 5.2.24 TM2_10MHZ_HCH_RB1#49                                   | 41          |
| 5.2.25 TM3_5MHZ_LCH_RB25#0                                    | 42          |
| 5.2.26 TM3_5MHZ_LCH_RB1#0                                     | 42          |
| 5.2.27 TM3_5MHZ_LCH_RB1#24                                    | 43          |
| 5.2.28 TM3_5MHZ_HCH_RB25#0                                    | 43          |
| 5.2.29 TM3_5MHZ_HCH_RB1#0                                     | 44          |
| 5.2.30 TM3_5MHZ_HCH_RB1#24                                    | 44          |
| 5.2.31 TM3_10MHZ_LCH_RB50#0                                   | 45          |
| 5.2.32 TM3_10MHZ_LCH_RB1#0                                    | 45          |
| 5.2.33 TM3_10MHZ_LCH_RB1#49                                   | 46          |
| 5.2.34 TM3_10MHZ_HCH_RB50#0                                   | 46          |
| 5.2.35 TM3_10MHZ_HCH_RB1#0                                    | 47          |
| 5.2.36 TM3_10MHZ_HCH_RB1#49                                   | 47          |
| <b>6 . APPENDIX F - SPURIOUS EMISSION AT ANTENNA TERMINAL</b> | <b>48</b>   |
| 6.1 TEST RESULTS                                              | 48          |
| 6.2 TEST PLOTS                                                | 52          |
| 6.2.1 TM1_5MHZ_LCH_RB1#0                                      | 52          |
| 6.2.2 TM1_5MHZ_LCH_RB1#24                                     | 54          |
| 6.2.3 TM1_5MHZ_LCH_RB25#0                                     | 56          |
| 6.2.4 TM1_5MHZ_MCH_RB1#0                                      | 58          |
| 6.2.5 TM1_5MHZ_MCH_RB1#24                                     | 60          |
| 6.2.6 TM1_5MHZ_MCH_RB25#0                                     | 62          |
| 6.2.7 TM1_5MHZ_HCH_RB1#0                                      | 64          |

| <b>Table of Contents</b>                    | <b>Page</b> |
|---------------------------------------------|-------------|
| 6.2.8 TM1_5MHZ_HCH_RB1#24                   | 66          |
| 6.2.9 TM1_5MHZ_HCH_RB25#0                   | 68          |
| 6.2.10 TM1_10MHZ_LCH_RB1#0                  | 70          |
| 6.2.11 TM1_10MHZ_LCH_RB1#49                 | 72          |
| 6.2.12 TM1_10MHZ_LCH_RB50#0                 | 74          |
| 6.2.13 TM1_10MHZ_MCH_RB1#0                  | 76          |
| 6.2.14 TM1_10MHZ_MCH_RB1#49                 | 78          |
| 6.2.15 TM1_10MHZ_MCH_RB50#0                 | 80          |
| 6.2.16 TM1_10MHZ_HCH_RB1#0                  | 82          |
| 6.2.17 TM1_10MHZ_HCH_RB1#49                 | 84          |
| 6.2.18 TM1_10MHZ_HCH_RB50#0                 | 86          |
| 6.2.19 TM2_5MHZ_LCH_RB1#0                   | 88          |
| 6.2.20 TM2_5MHZ_LCH_RB1#24                  | 90          |
| 6.2.21 TM2_5MHZ_LCH_RB25#0                  | 92          |
| 6.2.22 TM2_5MHZ_MCH_RB1#0                   | 94          |
| 6.2.23 TM2_5MHZ_MCH_RB1#24                  | 96          |
| 6.2.24 TM2_5MHZ_MCH_RB25#0                  | 98          |
| 6.2.25 TM2_5MHZ_HCH_RB1#0                   | 100         |
| 6.2.26 TM2_5MHZ_HCH_RB1#24                  | 102         |
| 6.2.27 TM2_5MHZ_HCH_RB25#0                  | 104         |
| 6.2.28 TM2_10MHZ_LCH_RB1#0                  | 106         |
| 6.2.29 TM2_10MHZ_LCH_RB1#49                 | 108         |
| 6.2.30 TM2_10MHZ_LCH_RB50#0                 | 110         |
| 6.2.31 TM2_10MHZ_MCH_RB1#0                  | 112         |
| 6.2.32 TM2_10MHZ_MCH_RB1#49                 | 114         |
| 6.2.33 TM2_10MHZ_MCH_RB50#0                 | 116         |
| 6.2.34 TM2_10MHZ_HCH_RB1#0                  | 118         |
| 6.2.35 TM2_10MHZ_HCH_RB1#49                 | 120         |
| 6.2.36 TM2_10MHZ_HCH_RB50#0                 | 122         |
| <b>7 . APPENDIX G - FREQUENCY STABILITY</b> | <b>124</b>  |
| 7.1 TEST RESULTS                            | 124         |
| 7.1.1 FREQUENCY ERROR VS. VOLTAGE           | 124         |
| 7.1.2 FREQUENCY ERROR VS. TEMPERATURE       | 125         |

## 1. APPENDIX A - EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER

### 1.1 TEST RESULTS

| Effective (Isotropic) Radiated Power of Transmitter |                      |              |         |            |                |            |           |             |         |
|-----------------------------------------------------|----------------------|--------------|---------|------------|----------------|------------|-----------|-------------|---------|
| Test Mode                                           | Test Bandwidth [MHz] | Test Channel | Test RB | Modulation | Measured [dBm] | Gain [dBi] | ERP [dBm] | Limit [dBm] | Verdict |
| TM1                                                 | 5                    | LCH          | RB1#0   | QPSK       | 24.51          | -9.7       | 12.66     | 34.77       | PASS    |
|                                                     |                      |              | RB1#24  | QPSK       | 24.26          | -9.7       | 12.41     | 34.77       | PASS    |
|                                                     |                      |              | RB25#0  | QPSK       | 23.86          | -9.7       | 12.01     | 34.77       | PASS    |
|                                                     |                      | MCH          | RB1#0   | QPSK       | 24.40          | -9.7       | 12.55     | 34.77       | PASS    |
|                                                     |                      |              | RB1#24  | QPSK       | 24.12          | -9.7       | 12.27     | 34.77       | PASS    |
|                                                     |                      |              | RB25#0  | QPSK       | 23.72          | -9.7       | 11.87     | 34.77       | PASS    |
|                                                     |                      | HCH          | RB1#0   | QPSK       | 24.35          | -9.7       | 12.50     | 34.77       | PASS    |
|                                                     |                      |              | RB1#24  | QPSK       | 24.13          | -9.7       | 12.28     | 34.77       | PASS    |
|                                                     |                      |              | RB25#0  | QPSK       | 23.71          | -9.7       | 11.86     | 34.77       | PASS    |
|                                                     | 10                   | LCH          | RB1#0   | QPSK       | 24.40          | -9.7       | 12.55     | 34.77       | PASS    |
|                                                     |                      |              | RB1#49  | QPSK       | 24.13          | -9.7       | 12.28     | 34.77       | PASS    |
|                                                     |                      |              | RB50#0  | QPSK       | 23.74          | -9.7       | 11.89     | 34.77       | PASS    |
|                                                     |                      | MCH          | RB1#0   | QPSK       | 24.17          | -9.7       | 12.32     | 34.77       | PASS    |
|                                                     |                      |              | RB1#49  | QPSK       | 24.08          | -9.7       | 12.23     | 34.77       | PASS    |
|                                                     |                      |              | RB50#0  | QPSK       | 23.72          | -9.7       | 11.87     | 34.77       | PASS    |
|                                                     |                      | HCH          | RB1#0   | QPSK       | 24.23          | -9.7       | 12.38     | 34.77       | PASS    |
|                                                     |                      |              | RB1#49  | QPSK       | 24.04          | -9.7       | 12.19     | 34.77       | PASS    |
|                                                     |                      |              | RB50#0  | QPSK       | 23.74          | -9.7       | 11.89     | 34.77       | PASS    |
| TM2                                                 | 5                    | LCH          | RB1#0   | 16QAM      | 24.21          | -9.7       | 12.36     | 34.77       | PASS    |
|                                                     |                      |              | RB1#24  | 16QAM      | 24.13          | -9.7       | 12.28     | 34.77       | PASS    |
|                                                     |                      |              | RB25#0  | 16QAM      | 22.86          | -9.7       | 11.01     | 34.77       | PASS    |
|                                                     |                      | MCH          | RB1#0   | 16QAM      | 24.13          | -9.7       | 12.28     | 34.77       | PASS    |
|                                                     |                      |              | RB1#24  | 16QAM      | 23.93          | -9.7       | 12.08     | 34.77       | PASS    |
|                                                     |                      |              | RB25#0  | 16QAM      | 22.71          | -9.7       | 10.86     | 34.77       | PASS    |
|                                                     |                      | HCH          | RB1#0   | 16QAM      | 24.10          | -9.7       | 12.25     | 34.77       | PASS    |
|                                                     |                      |              | RB1#24  | 16QAM      | 23.86          | -9.7       | 12.01     | 34.77       | PASS    |
|                                                     |                      |              | RB25#0  | 16QAM      | 22.64          | -9.7       | 10.79     | 34.77       | PASS    |
|                                                     | 10                   | LCH          | RB1#0   | 16QAM      | 24.36          | -9.7       | 12.51     | 34.77       | PASS    |
|                                                     |                      |              | RB1#49  | 16QAM      | 24.12          | -9.7       | 12.27     | 34.77       | PASS    |
|                                                     |                      |              | RB50#0  | 16QAM      | 22.76          | -9.7       | 10.91     | 34.77       | PASS    |
|                                                     |                      | MCH          | RB1#0   | 16QAM      | 24.17          | -9.7       | 12.32     | 34.77       | PASS    |
|                                                     |                      |              | RB1#49  | 16QAM      | 23.81          | -9.7       | 11.96     | 34.77       | PASS    |
|                                                     |                      |              | RB50#0  | 16QAM      | 22.69          | -9.7       | 10.84     | 34.77       | PASS    |
|                                                     |                      | HCH          | RB1#0   | 16QAM      | 24.04          | -9.7       | 12.19     | 34.77       | PASS    |
|                                                     |                      |              | RB1#49  | 16QAM      | 24.00          | -9.7       | 12.15     | 34.77       | PASS    |
|                                                     |                      |              | RB50#0  | 16QAM      | 22.69          | -9.7       | 10.84     | 34.77       | PASS    |

## 2. APPENDIX B - PEAK-TO-AVERAGE RATIO

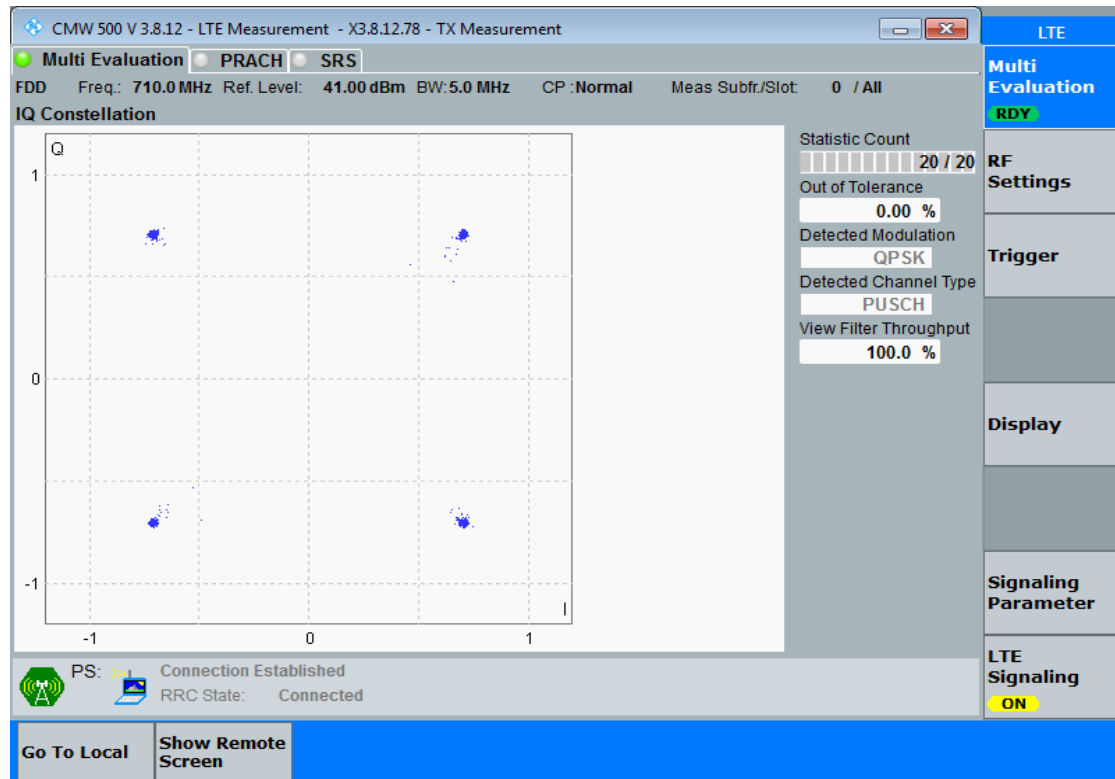
### 2.1 TEST RESULTS

| Peak-to-Average Ratio |                      |              |         |            |                |             |         |
|-----------------------|----------------------|--------------|---------|------------|----------------|-------------|---------|
| Test Mode             | Test Bandwidth [MHz] | Test Channel | Test RB | Modulation | Measured [dBm] | Limit [dBm] | Verdict |
| TM1                   | 5                    | MCH          | RB25#0  | QPSK       | 5.69           | 13          | PASS    |
|                       |                      |              | RB1#0   | QPSK       | 4.21           | 13          | PASS    |
|                       |                      |              | RB1#24  | QPSK       | 4.24           | 13          | PASS    |
|                       | 10                   |              | RB50#0  | QPSK       | 5.64           | 13          | PASS    |
|                       |                      |              | RB1#0   | QPSK       | 4.17           | 13          | PASS    |
|                       |                      |              | RB1#49  | QPSK       | 4.16           | 13          | PASS    |
| TM2                   | 5                    |              | RB25#0  | 16QAM      | 6.73           | 13          | PASS    |
|                       |                      |              | RB1#0   | 16QAM      | 4.80           | 13          | PASS    |
|                       |                      |              | RB1#24  | 16QAM      | 4.76           | 13          | PASS    |
|                       | 10                   |              | RB50#0  | 16QAM      | 6.65           | 13          | PASS    |
|                       |                      |              | RB1#0   | 16QAM      | 4.58           | 13          | PASS    |
|                       |                      |              | RB1#49  | 16QAM      | 4.71           | 13          | PASS    |
| TM3                   | 5                    |              | RB25#0  | 64QAM      | 7.36           | 13          | PASS    |
|                       |                      |              | RB1#0   | 64QAM      | 5.71           | 13          | PASS    |
|                       |                      |              | RB1#24  | 64QAM      | 5.73           | 13          | PASS    |
|                       | 10                   |              | RB50#0  | 64QAM      | 7.43           | 13          | PASS    |
|                       |                      |              | RB1#0   | 64QAM      | 5.66           | 13          | PASS    |
|                       |                      |              | RB1#49  | 64QAM      | 5.75           | 13          | PASS    |

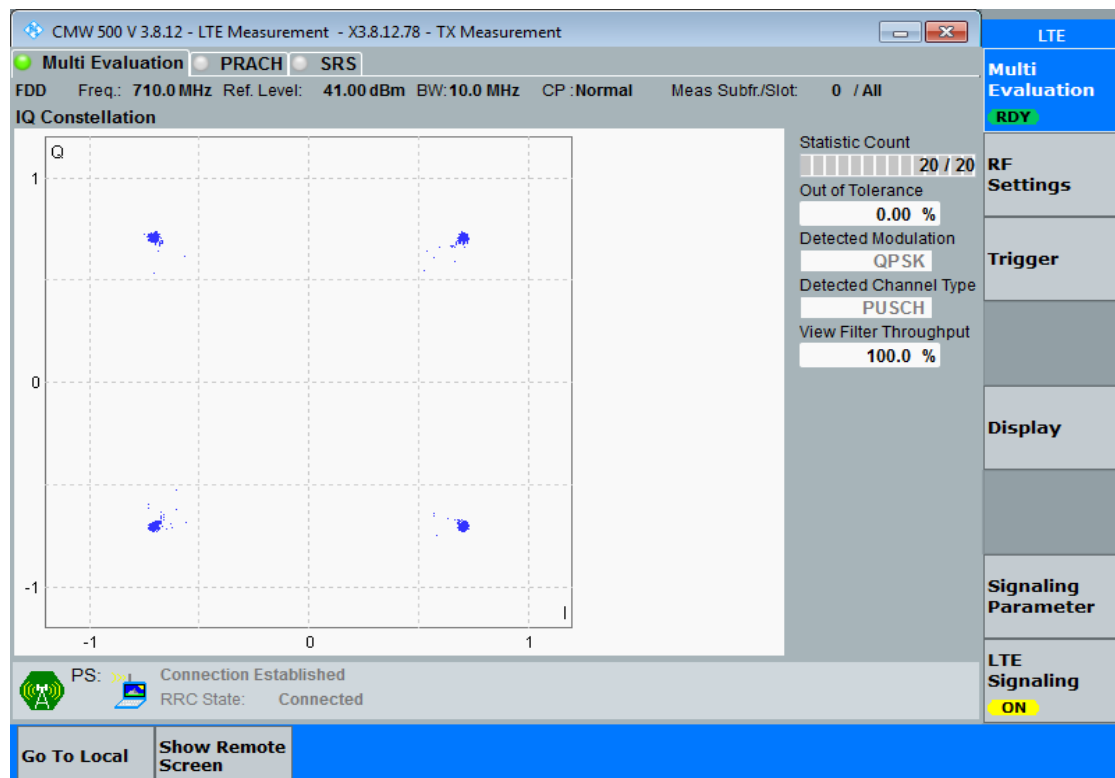
### 3. APPENDIX C - MODULATION CHARACTERISTICS

#### 3.1 TEST PLOTS

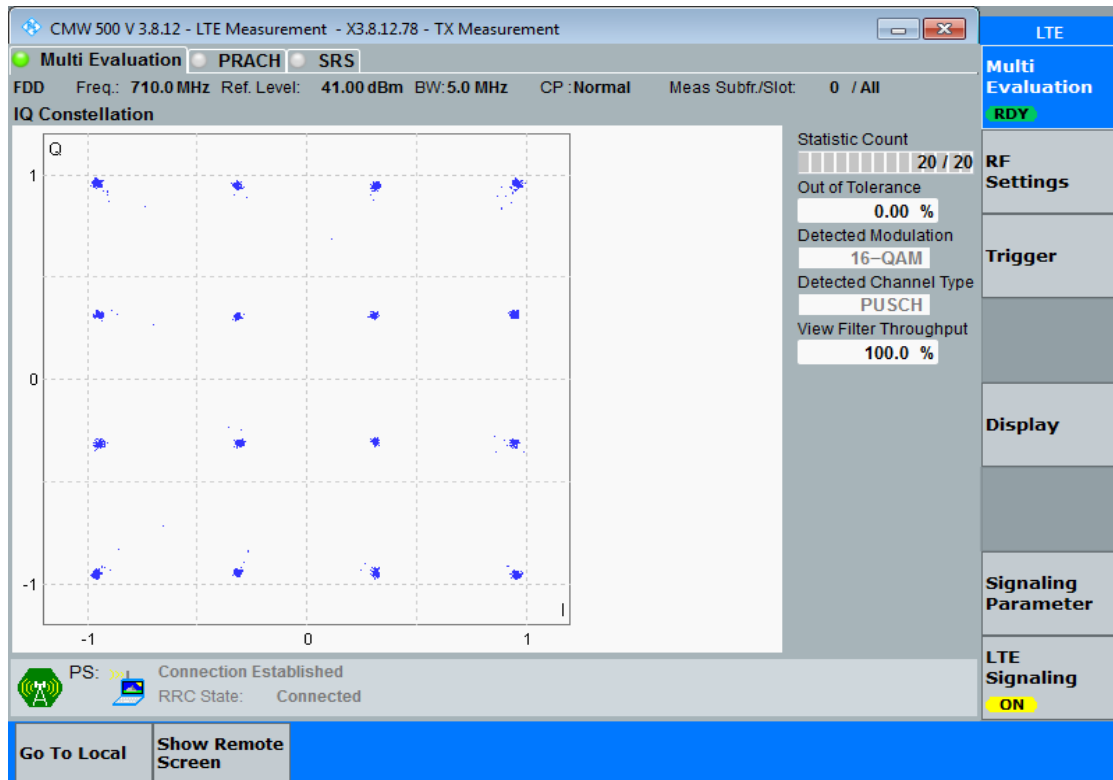
##### 3.1.1 TM1\_5MHZ\_MCH\_RB25#0



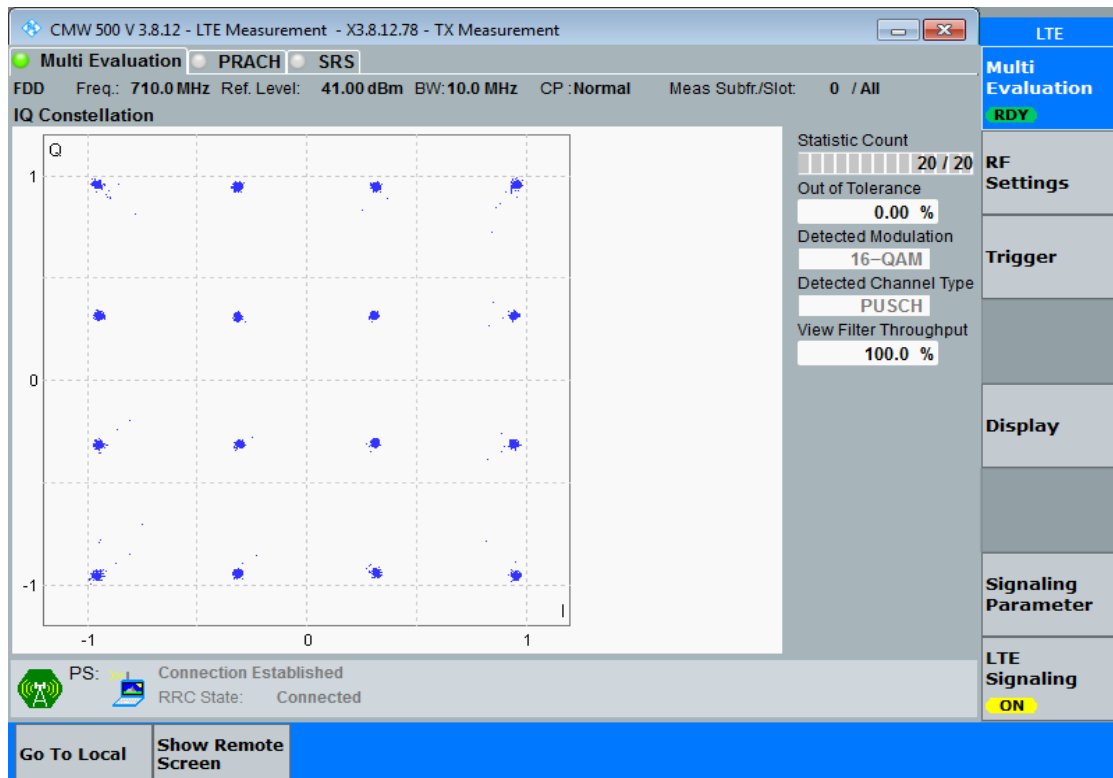
##### 3.1.2 TM1\_10MHZ\_MCH\_RB50#0



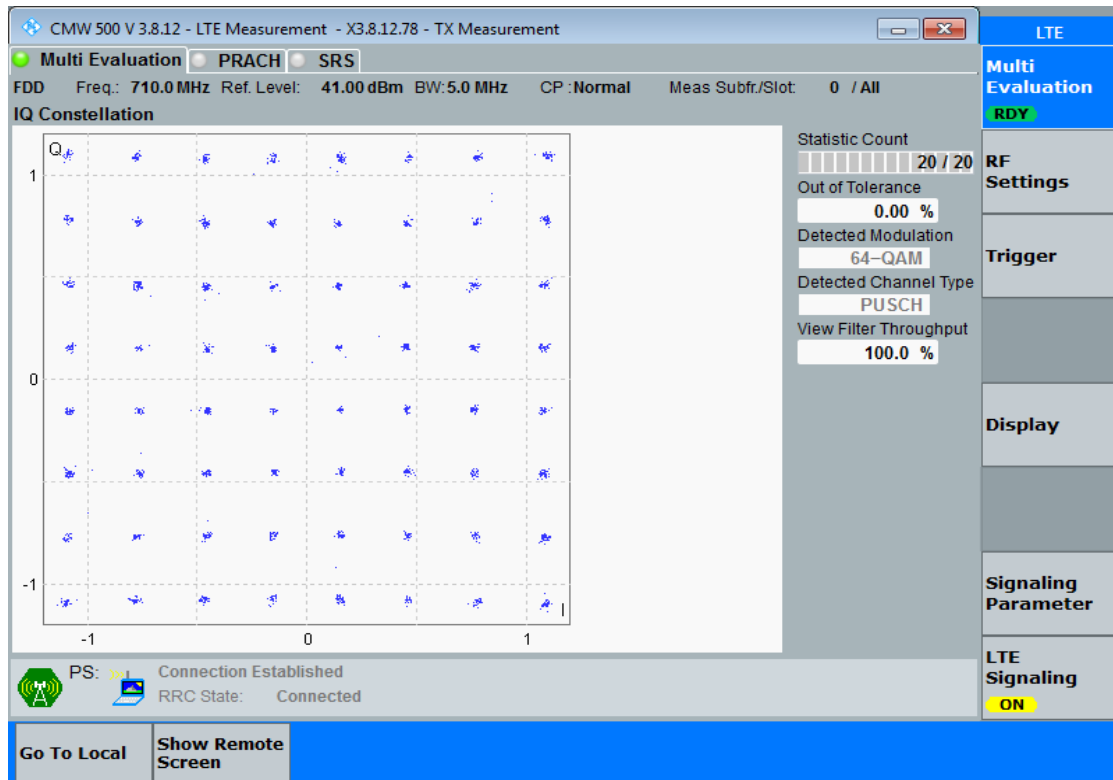
### 3.1.3 TM2\_5MHZ\_MCH\_RB25#0



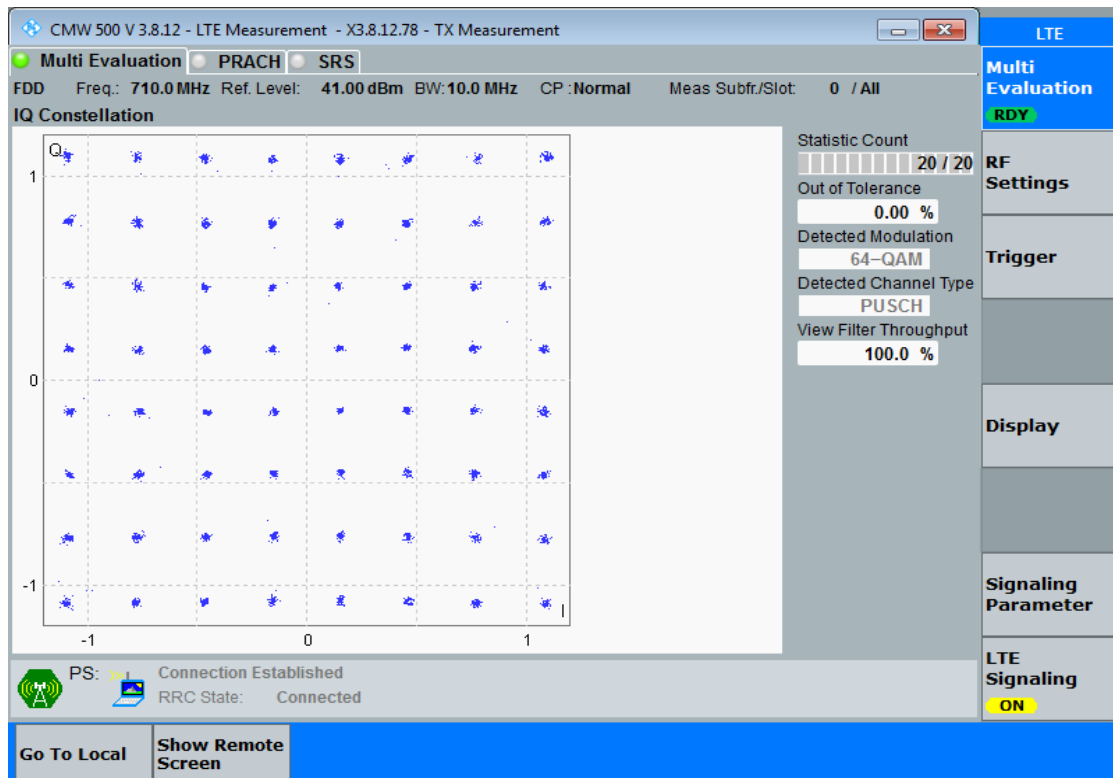
### 3.1.4 TM2\_10MHZ\_MCH\_RB50#0



### 3.1.5 TM3\_5MHZ\_MCH\_RB25#0



### 3.1.6 TM3\_10MHZ\_MCH\_RB50#0



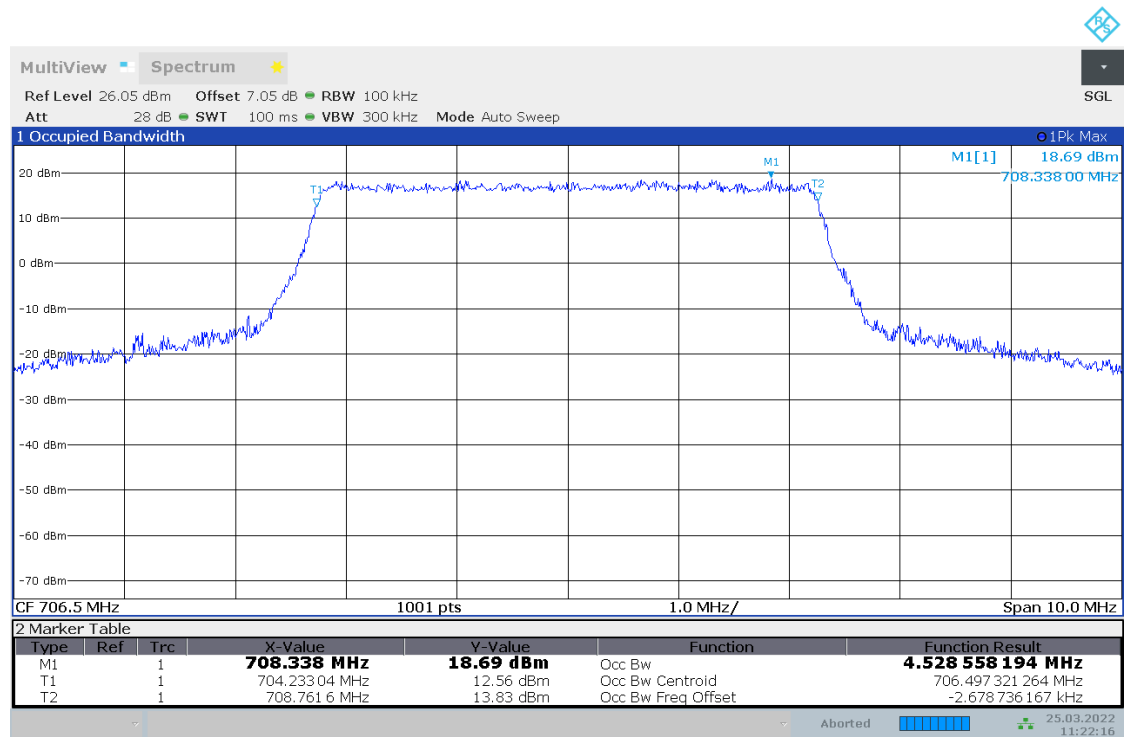
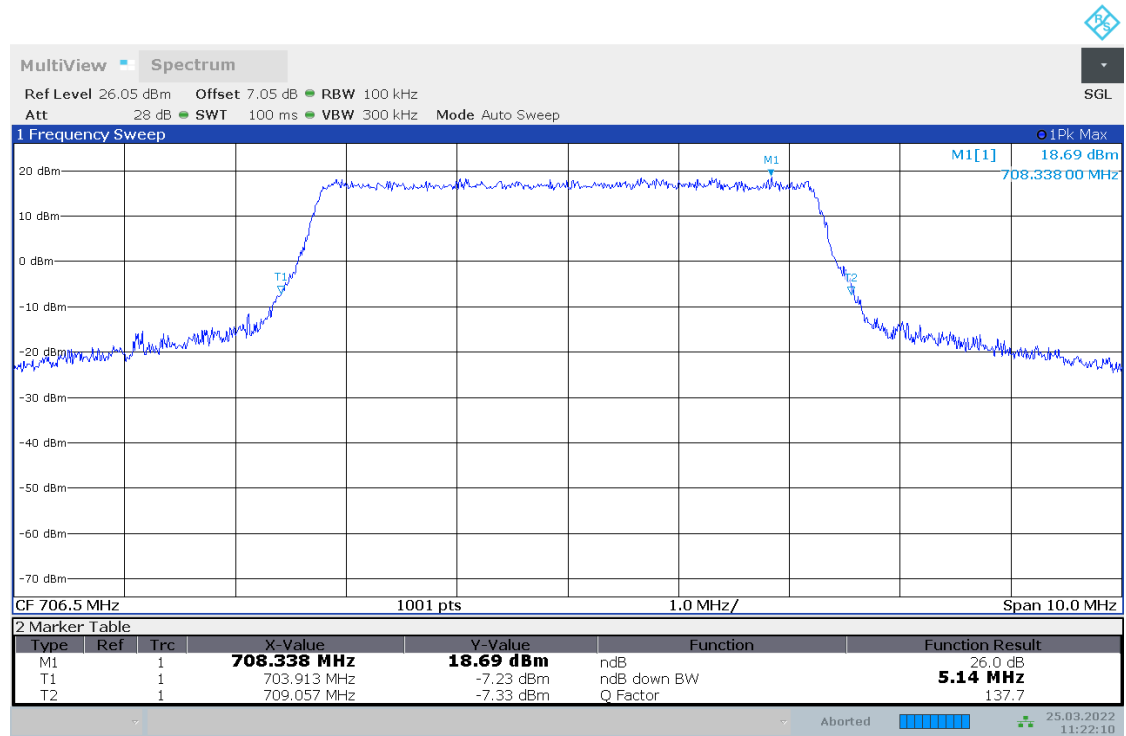
## 4. APPENDIX D - OCCUPIED BANDWIDTH

### 4.1 TEST RESULTS

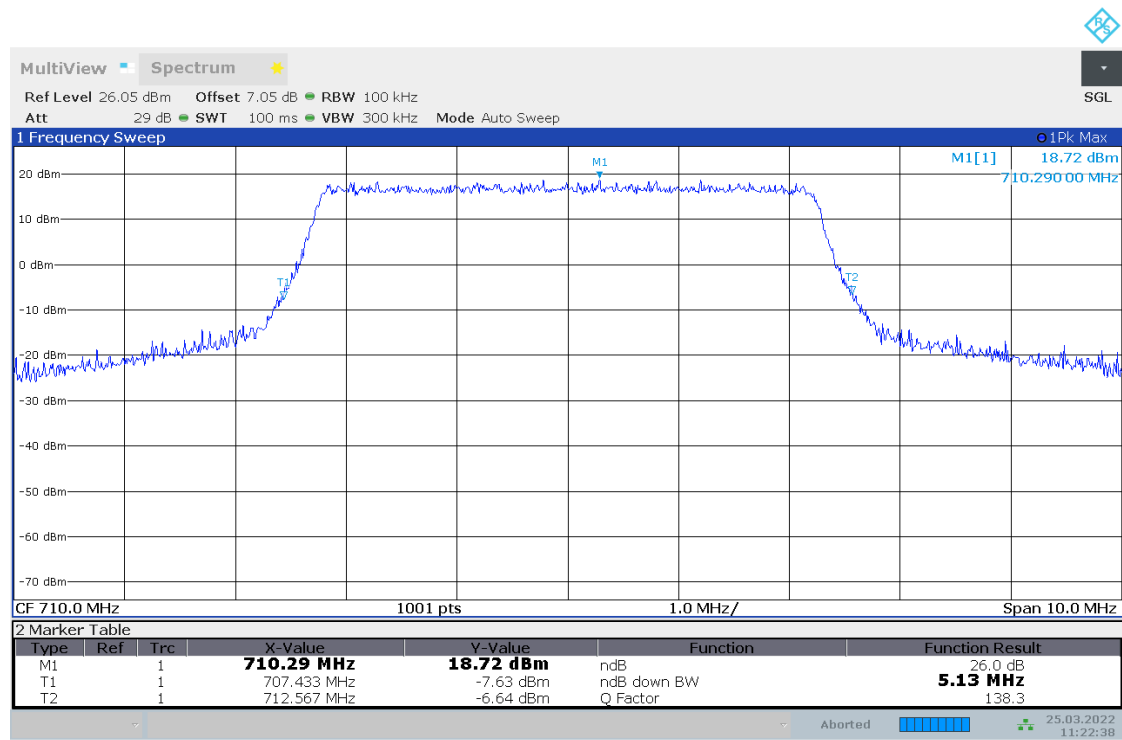
| Occupied Bandwidth |                      |              |         |            |                          |                          |         |
|--------------------|----------------------|--------------|---------|------------|--------------------------|--------------------------|---------|
| Test Mode          | Test Bandwidth [MHz] | Test Channel | Test RB | Modulation | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
| TM1                | 5                    | LCH          | RB25#0  | QPSK       | 4.53                     | 5.14                     | PASS    |
|                    |                      | MCH          | RB25#0  | QPSK       | 4.53                     | 5.13                     | PASS    |
|                    |                      | HCH          | RB25#0  | QPSK       | 4.52                     | 5.12                     | PASS    |
|                    | 10                   | LCH          | RB50#0  | QPSK       | 8.99                     | 10.05                    | PASS    |
|                    |                      | MCH          | RB50#0  | QPSK       | 9.00                     | 10.01                    | PASS    |
|                    |                      | HCH          | RB50#0  | QPSK       | 8.99                     | 9.97                     | PASS    |
| TM2                | 5                    | LCH          | RB25#0  | 16QAM      | 4.53                     | 5.22                     | PASS    |
|                    |                      | MCH          | RB25#0  | 16QAM      | 4.53                     | 5.21                     | PASS    |
|                    |                      | HCH          | RB25#0  | 16QAM      | 4.52                     | 5.13                     | PASS    |
|                    | 10                   | LCH          | RB50#0  | 16QAM      | 9.00                     | 10.05                    | PASS    |
|                    |                      | MCH          | RB50#0  | 16QAM      | 9.00                     | 10.07                    | PASS    |
|                    |                      | HCH          | RB50#0  | 16QAM      | 8.99                     | 10.01                    | PASS    |
| TM3                | 5                    | LCH          | RB25#0  | 64QAM      | 4.53                     | 5.18                     | PASS    |
|                    |                      | MCH          | RB25#0  | 64QAM      | 4.52                     | 5.14                     | PASS    |
|                    |                      | HCH          | RB25#0  | 64QAM      | 4.52                     | 5.08                     | PASS    |
|                    | 10                   | LCH          | RB50#0  | 64QAM      | 9.00                     | 10.01                    | PASS    |
|                    |                      | MCH          | RB50#0  | 64QAM      | 9.00                     | 10.01                    | PASS    |
|                    |                      | HCH          | RB50#0  | 64QAM      | 9.00                     | 10.07                    | PASS    |

## 4.2 TEST PLOTS

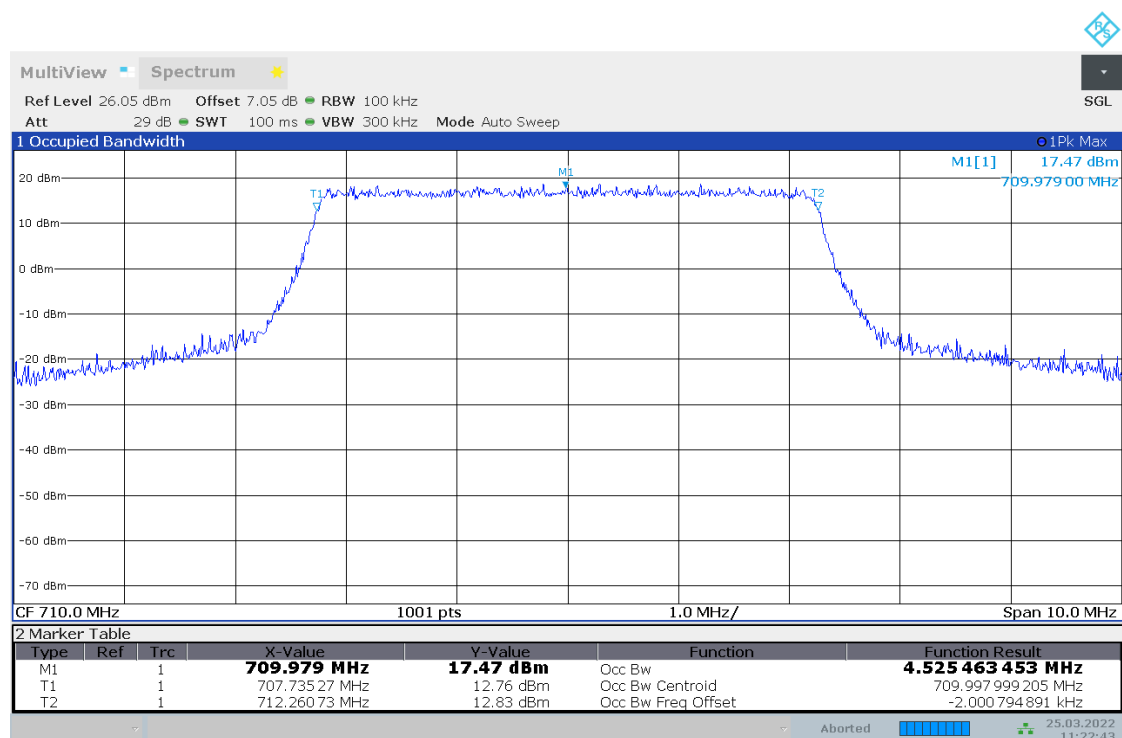
### 4.2.1 TM1\_5MHZ\_LCH\_RB25#0



## 4.2.2 TM1\_5MHZ\_MCH\_RB25#0

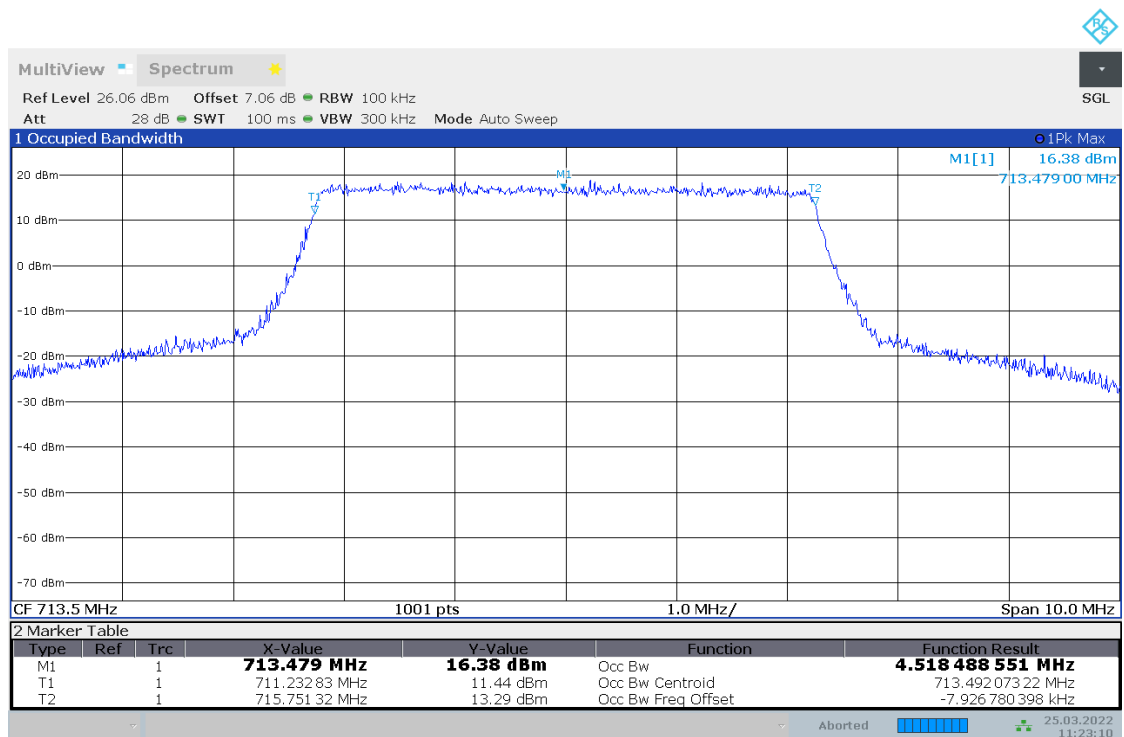
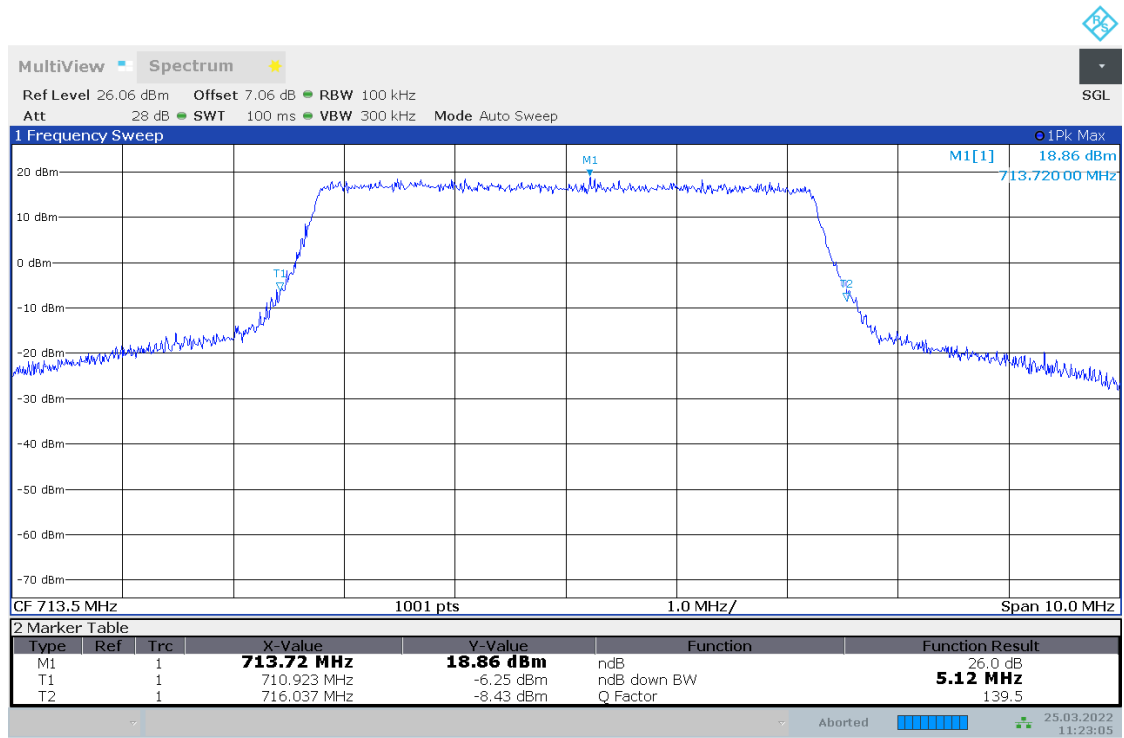


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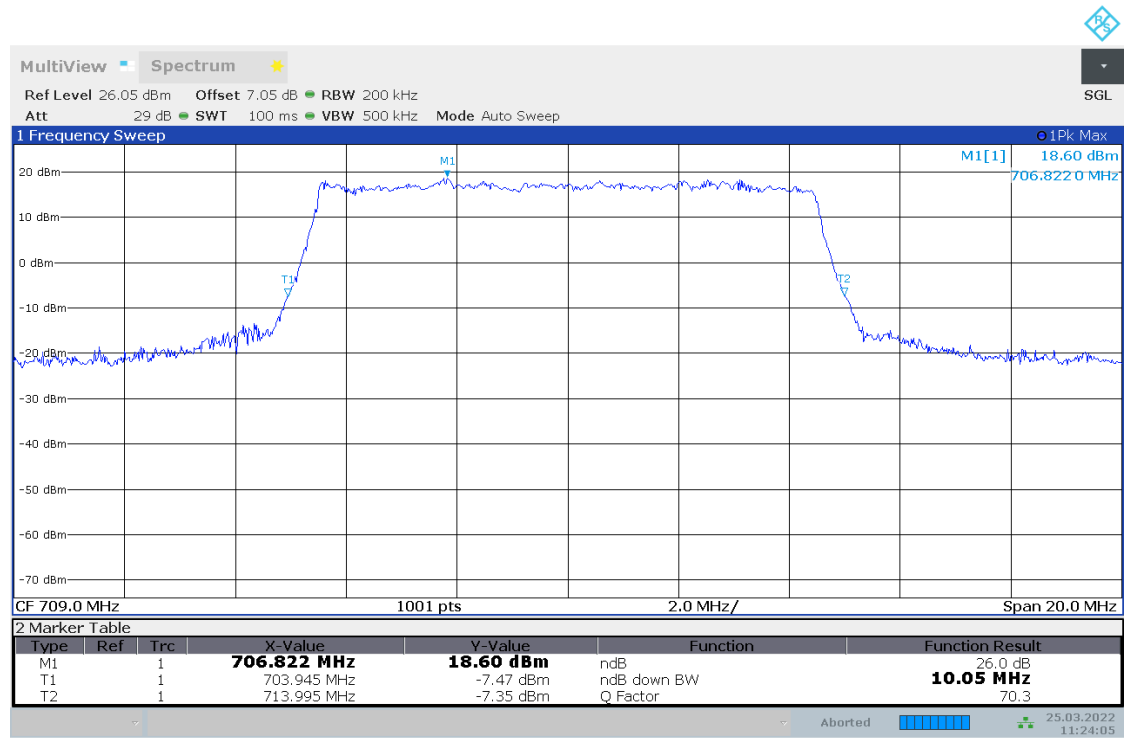


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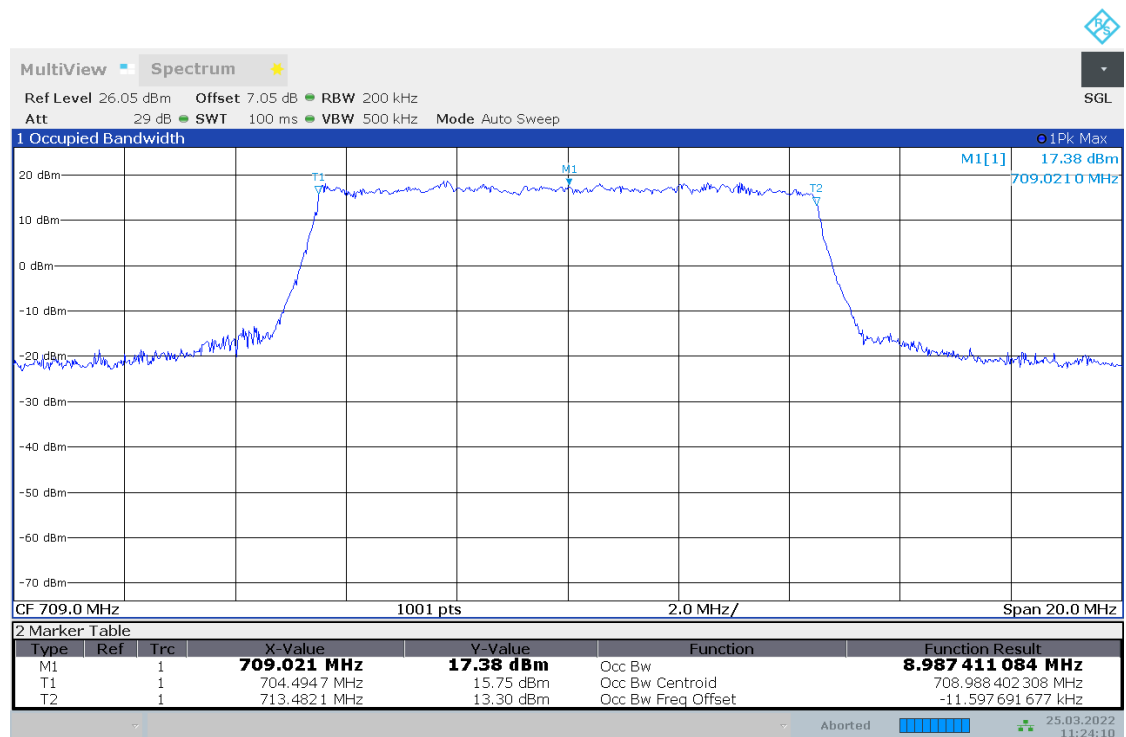
## 4.2.3 TM1\_5MHZ\_HCH\_RB25#0



## 4.2.4 TM1\_10MHZ\_LCH\_RB50#0

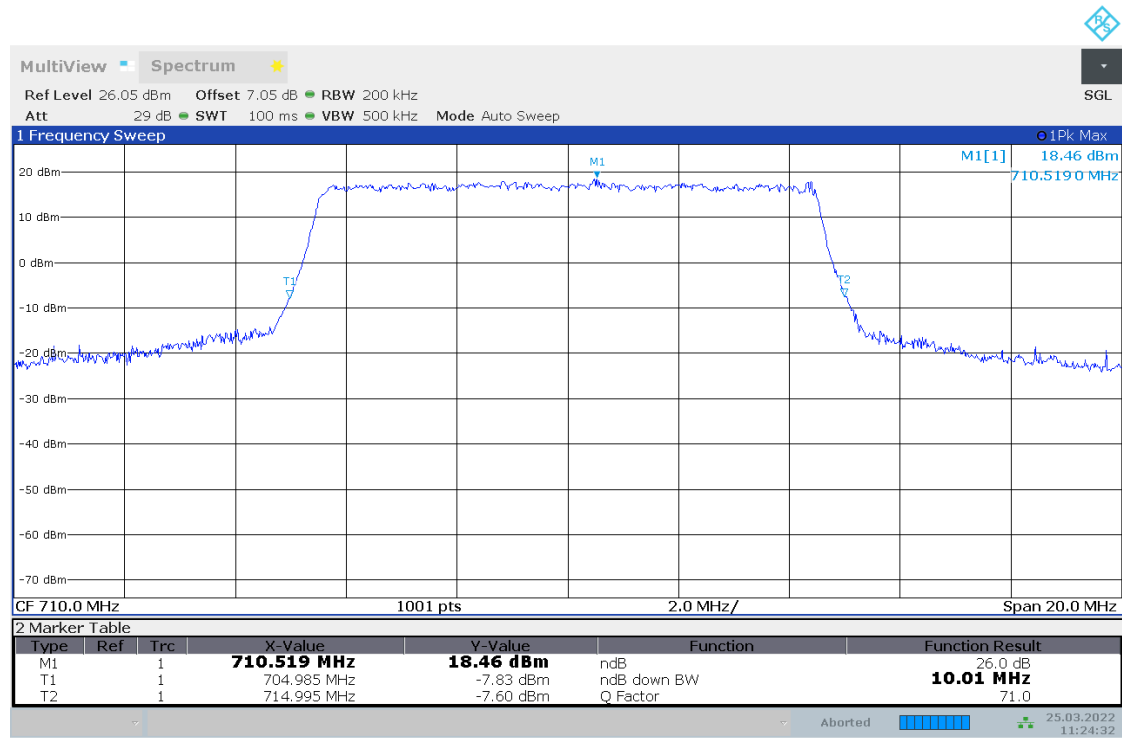


11:24:05 25.03.2022

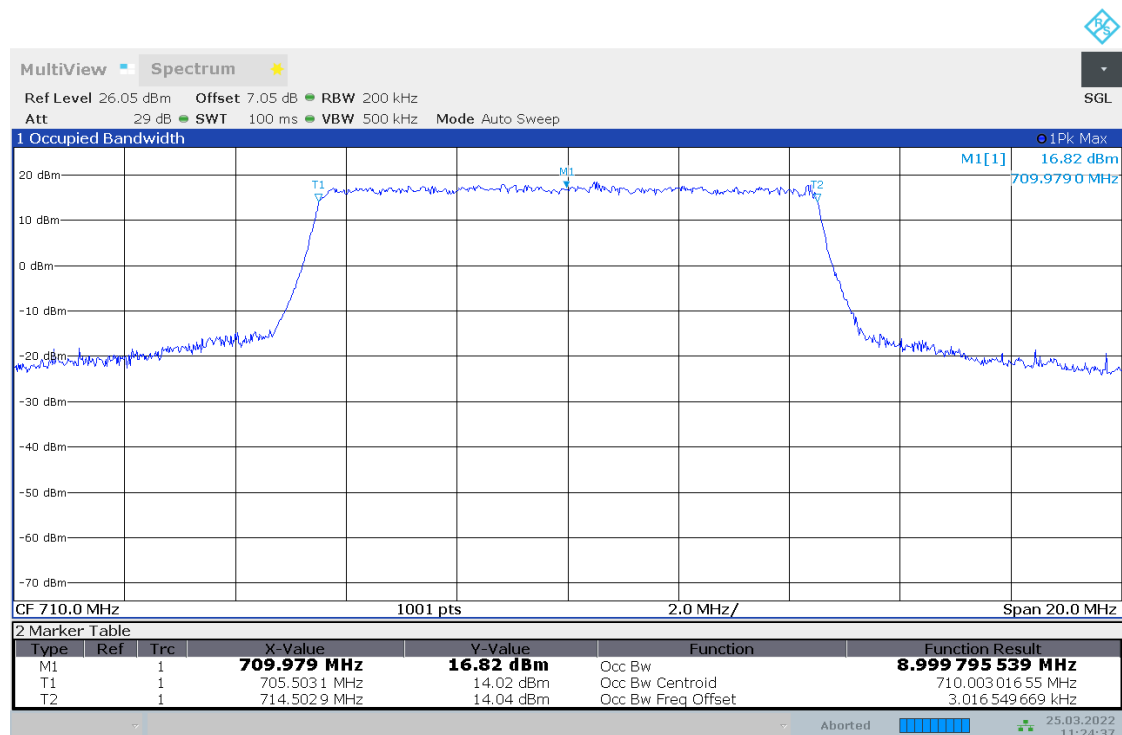


11:24:11 25.03.2022

## 4.2.5 TM1\_10MHZ\_MCH\_RB50#0

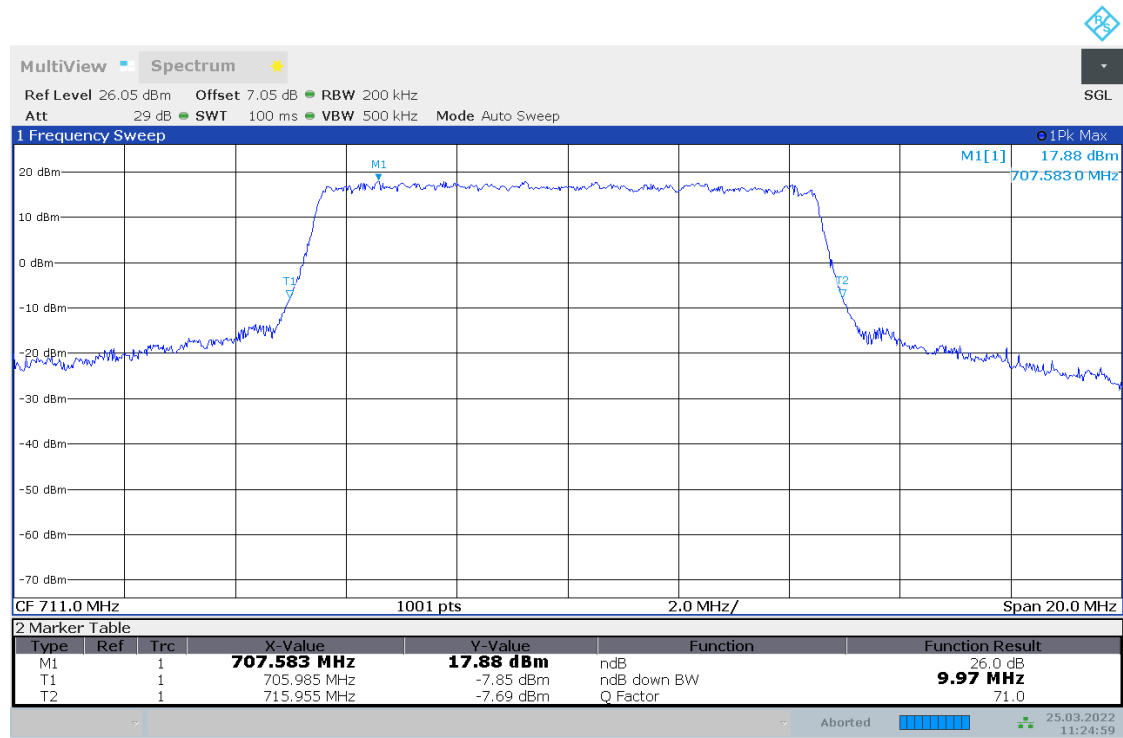


11:24:33 25.03.2022

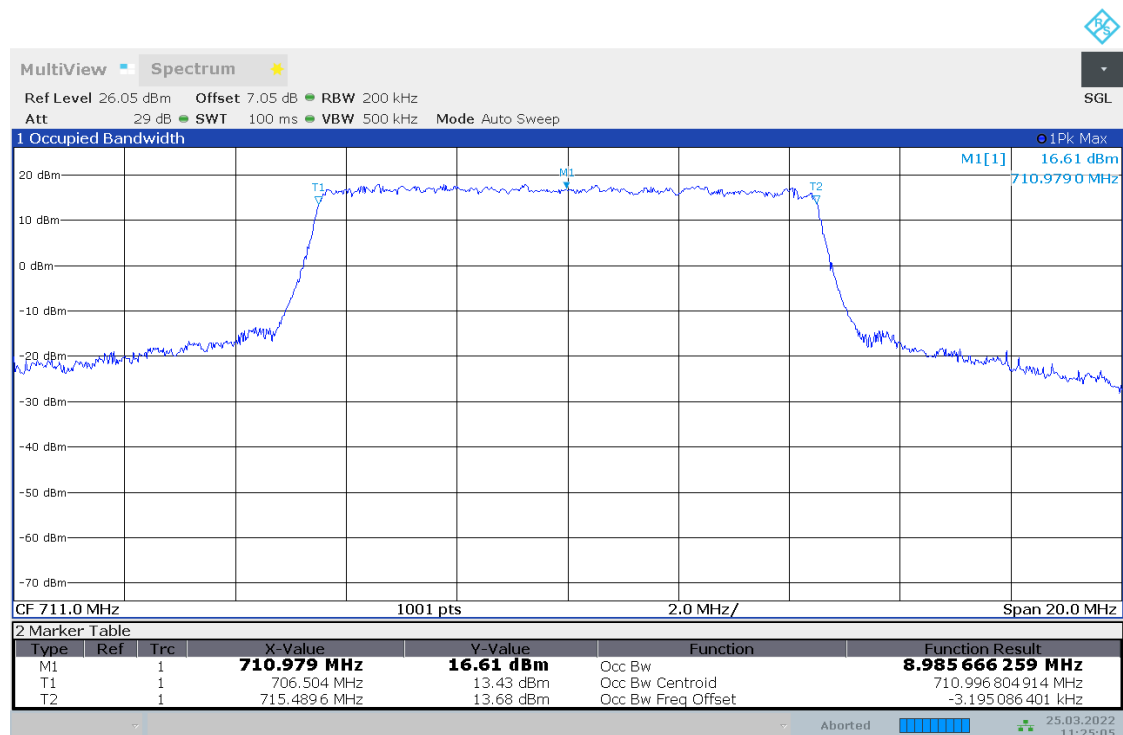


11:24:38 25.03.2022

## 4.2.6 TM1\_10MHZ\_HCH\_RB50#0

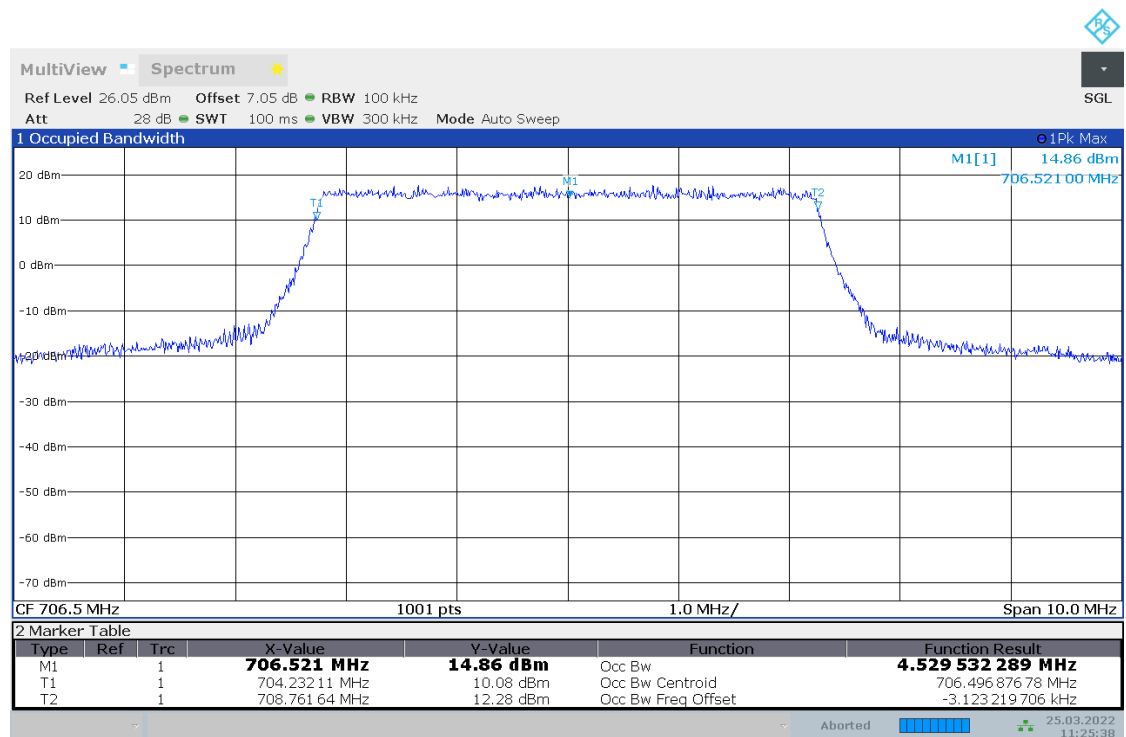
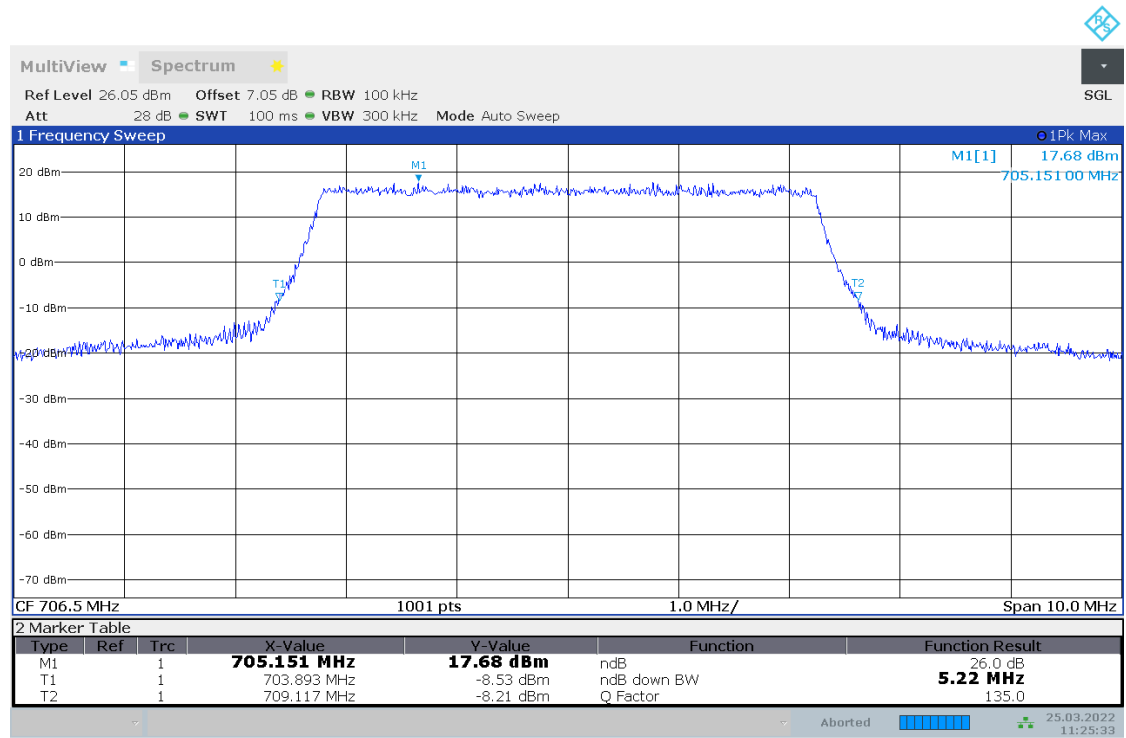


11:25:00 25.03.2022

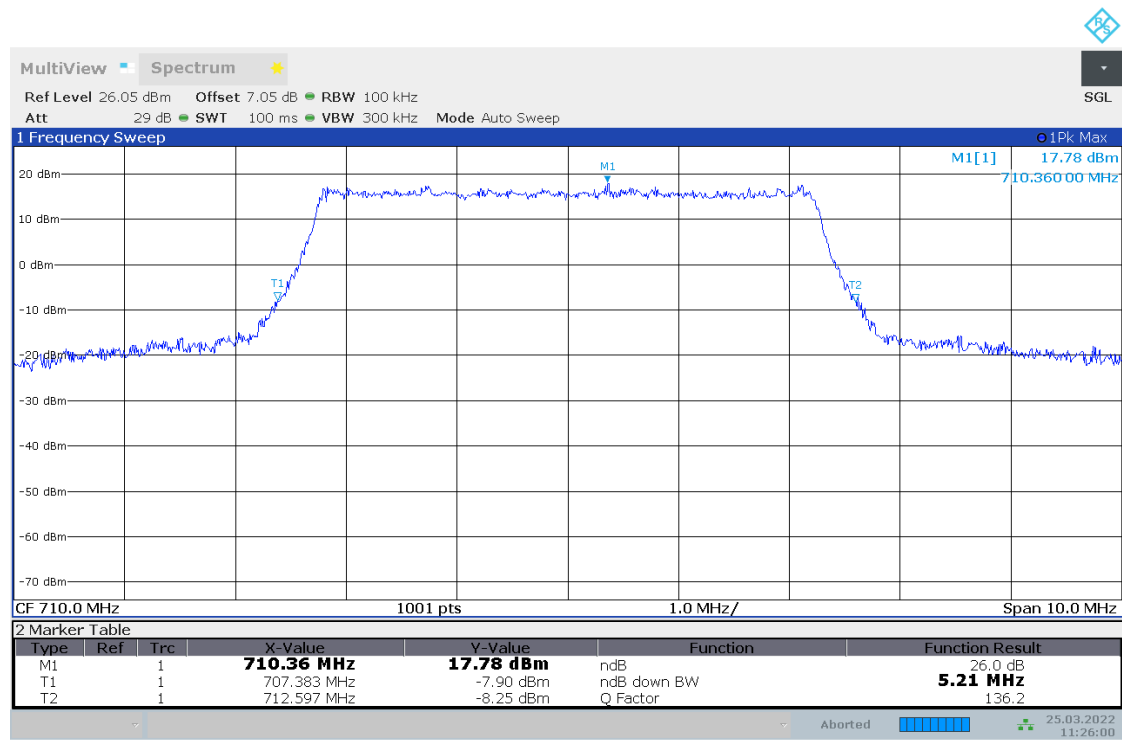


11:25:05 25.03.2022

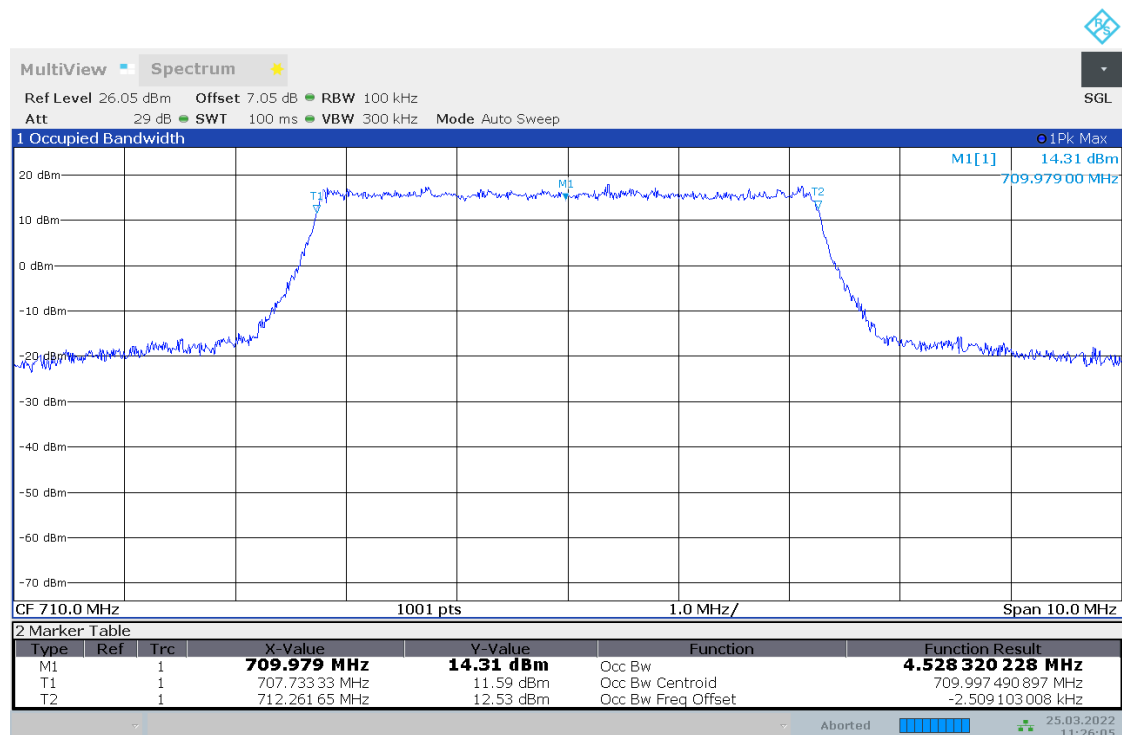
## 4.2.7 TM2\_5MHZ\_LCH\_RB25#0



## 4.2.8 TM2\_5MHZ\_MCH\_RB25#0

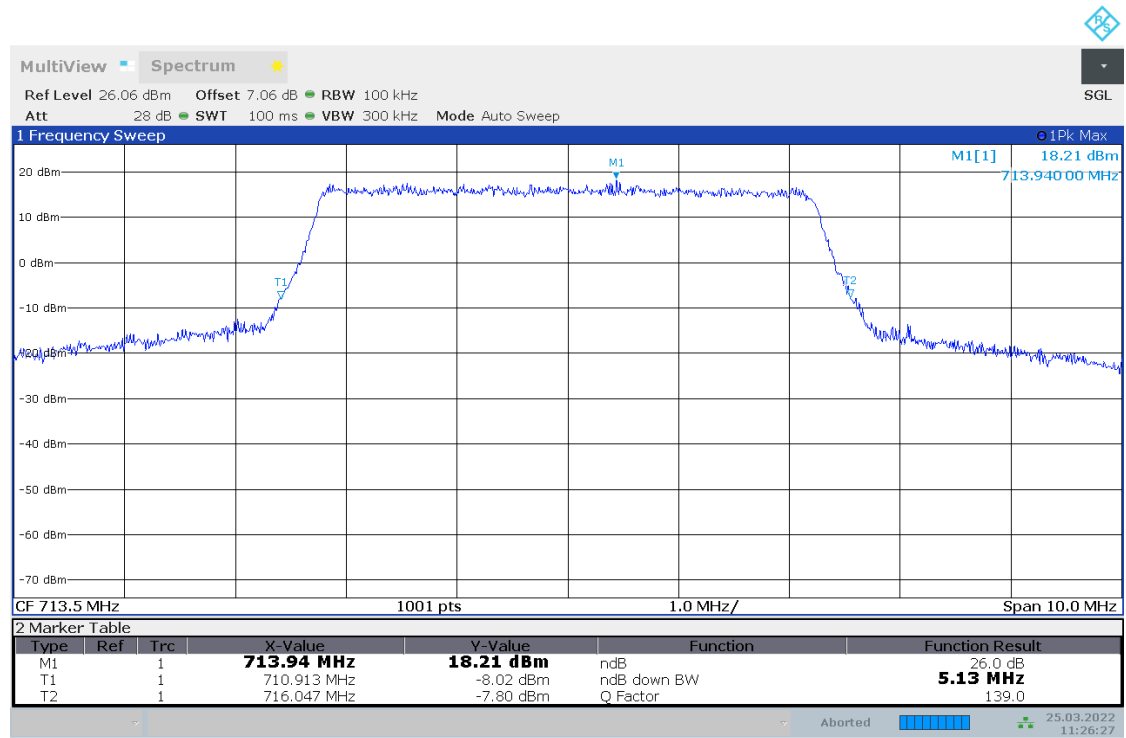


11:26:01 25.03.2022

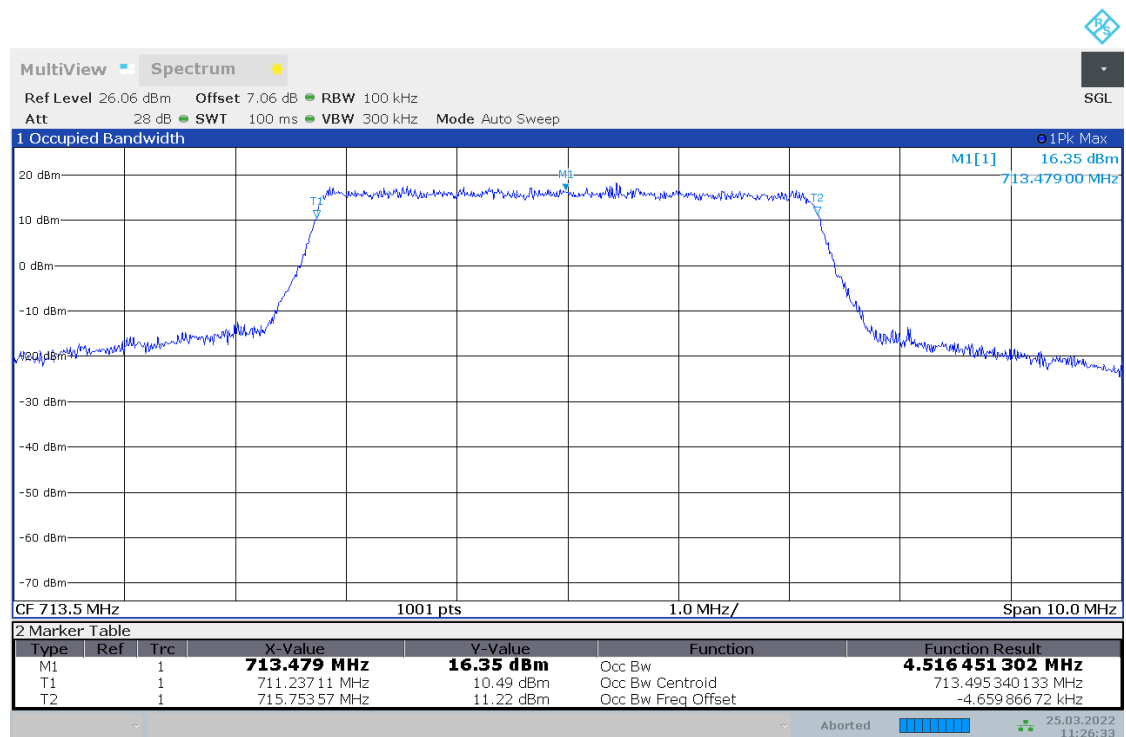


11:26:06 25.03.2022

## 4.2.9 TM2\_5MHZ\_HCH\_RB25#0

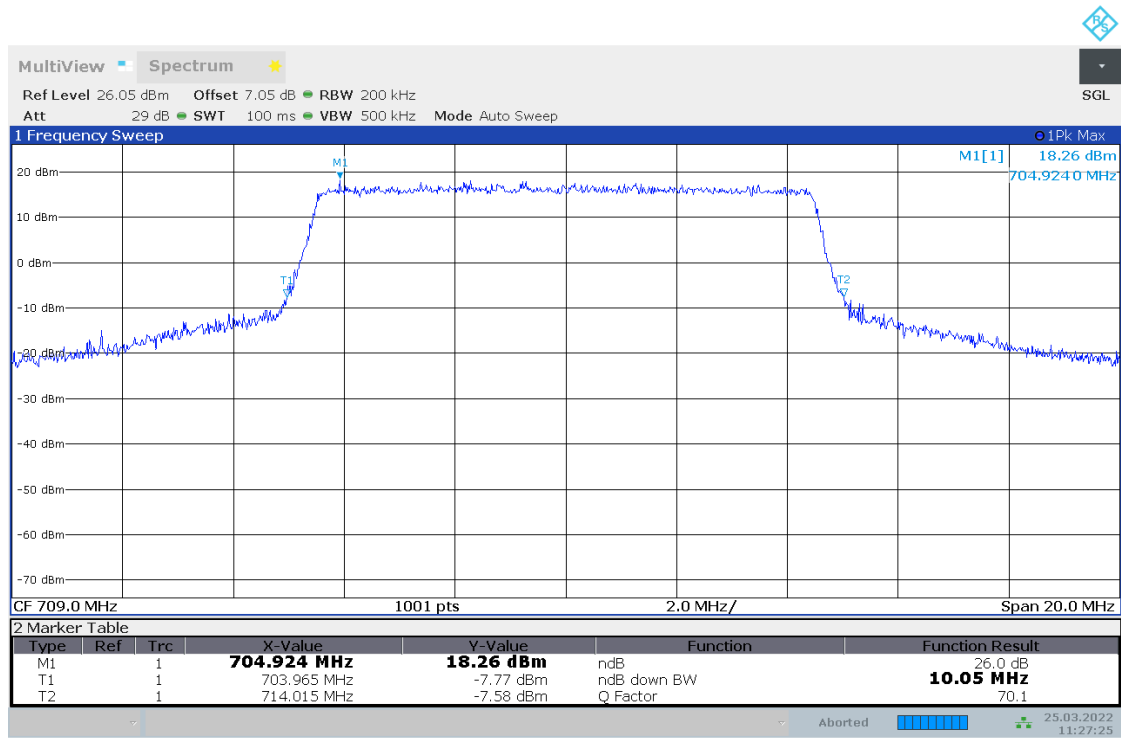


11:26:28 25.03.2022

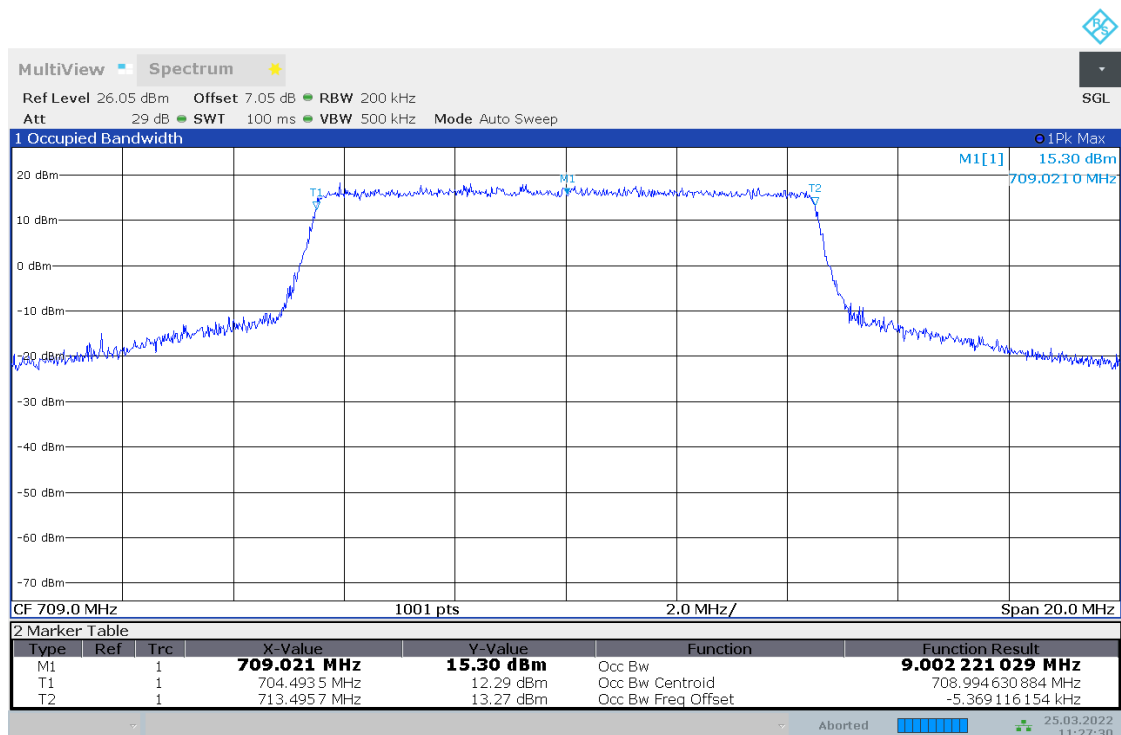


11:26:33 25.03.2022

## 4.2.10 TM2\_10MHZ\_LCH\_RB50#0

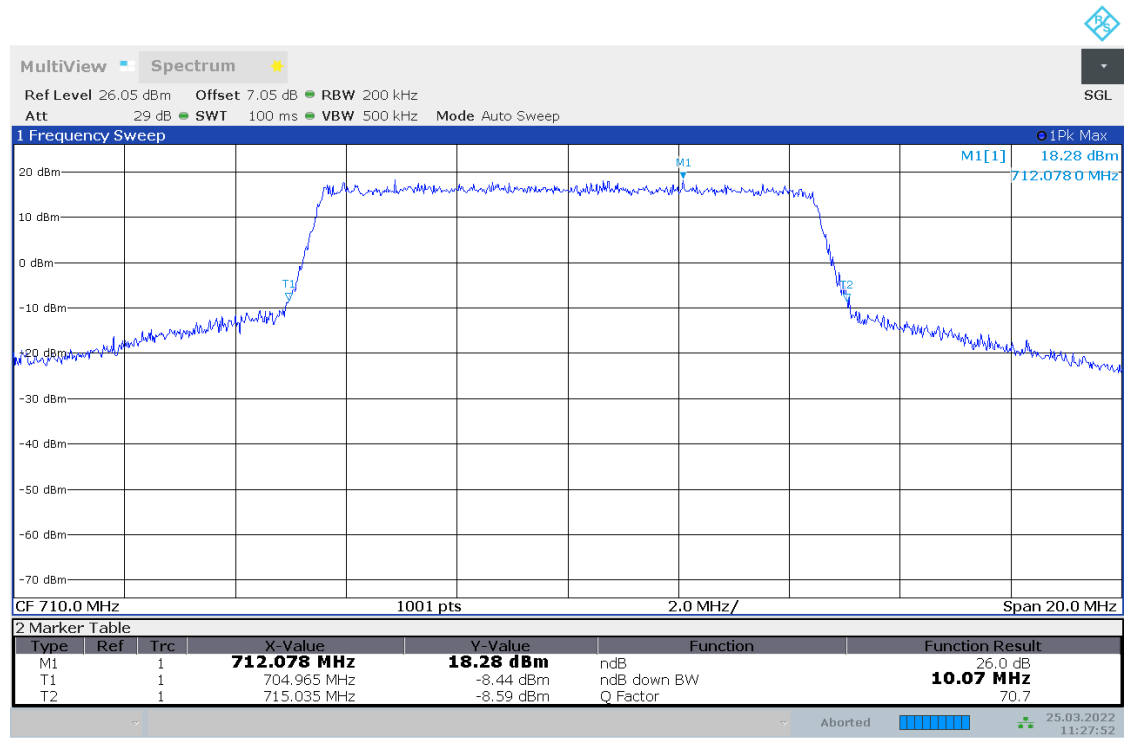


11:27:26 25.03.2022

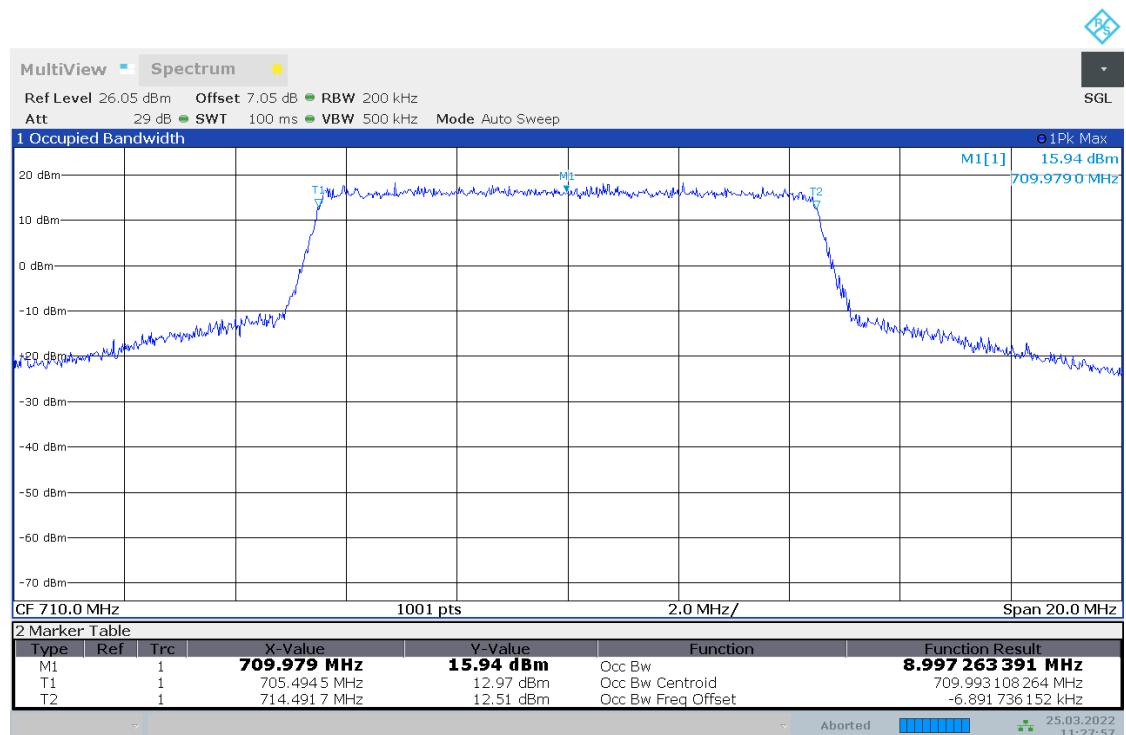


11:27:31 25.03.2022

## 4.2.11 TM2\_10MHZ\_MCH\_RB50#0

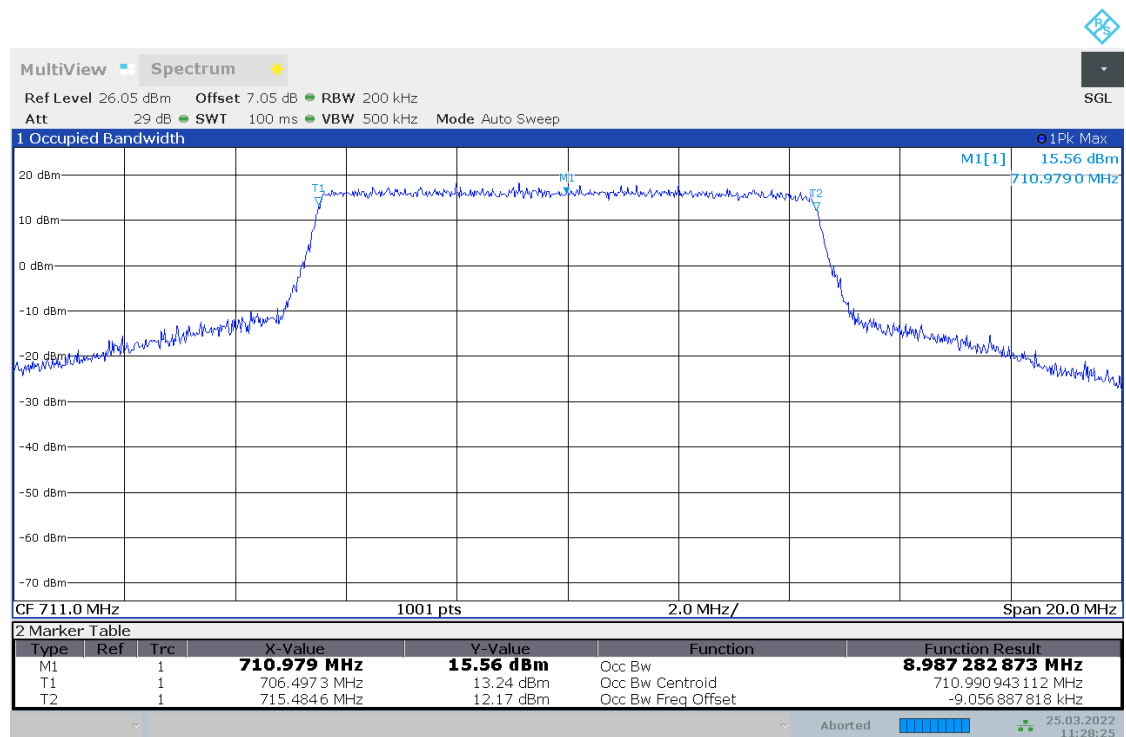
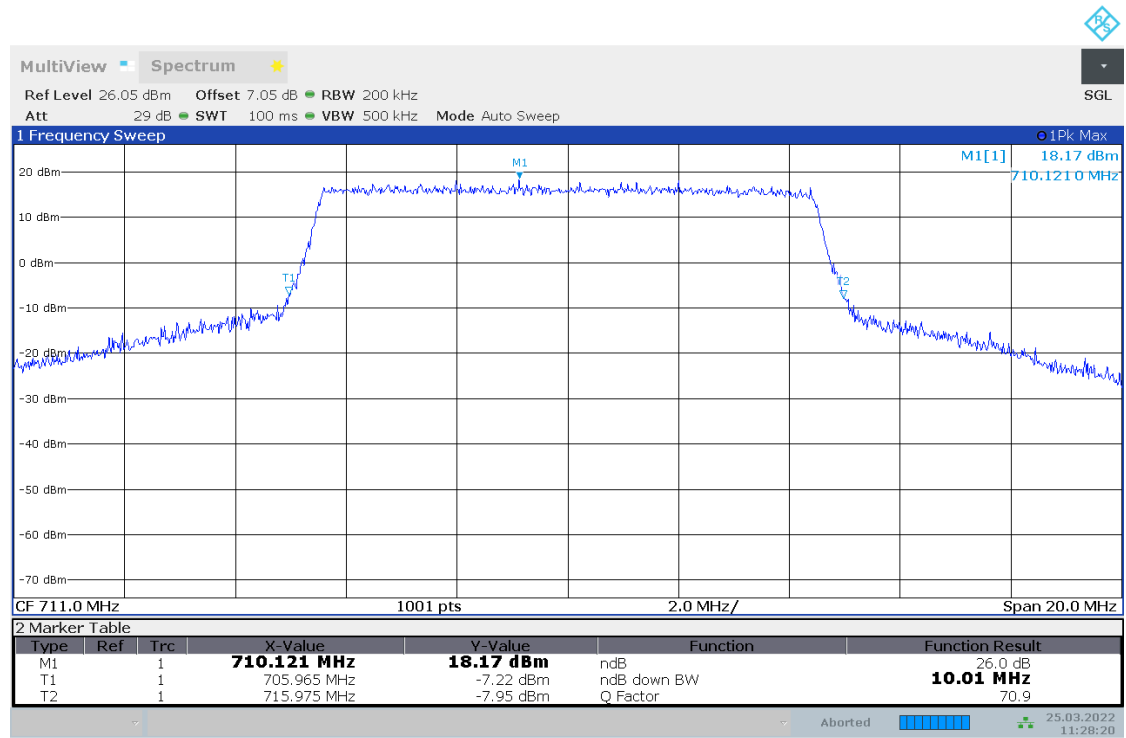


11:27:53 25.03.2022

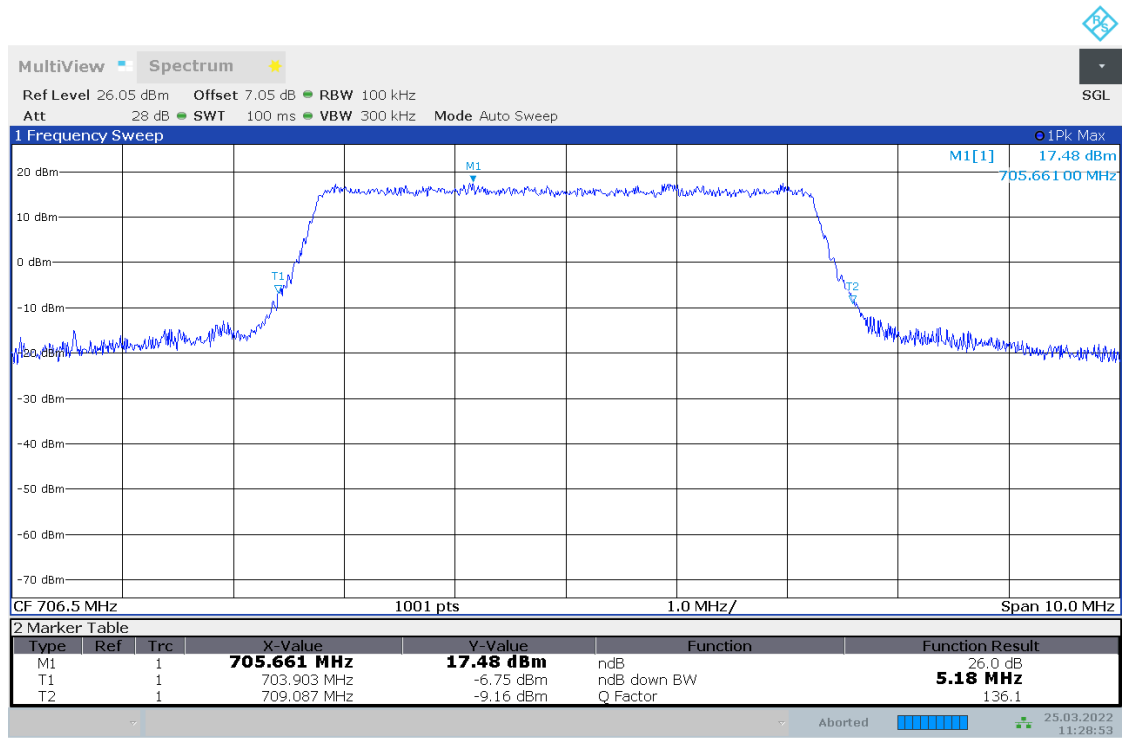


11:27:58 25.03.2022

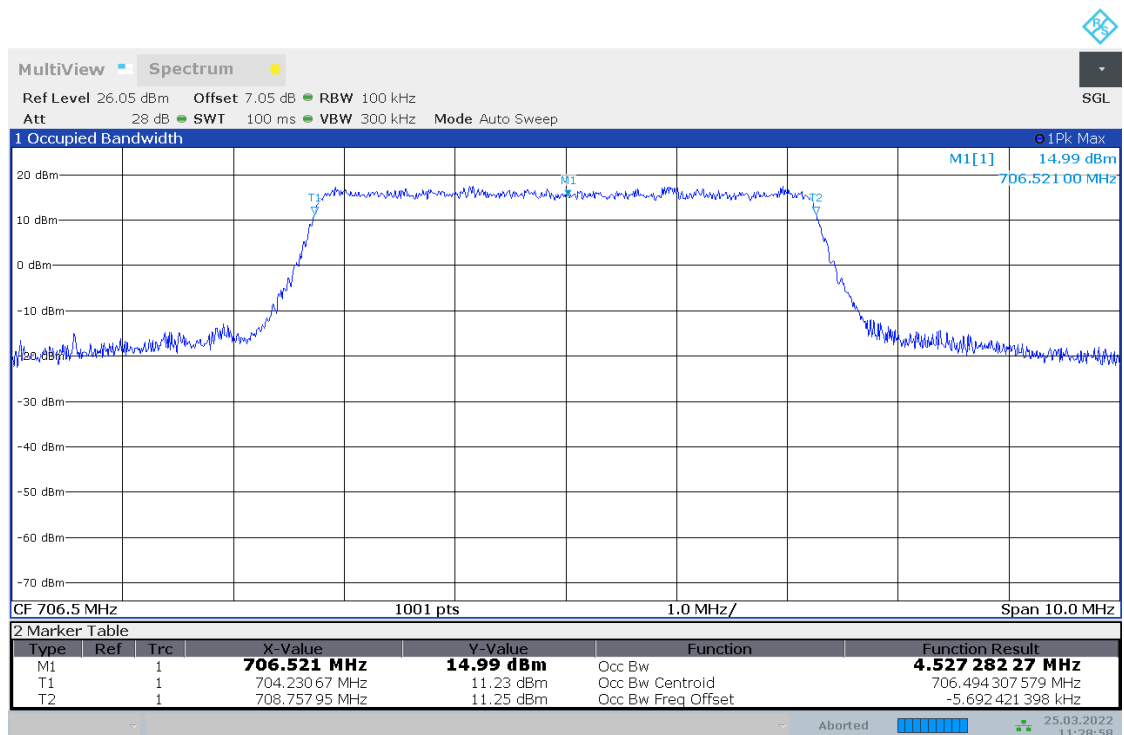
## 4.2.12 TM2\_10MHZ\_HCH\_RB50#0



## 4.2.13 TM3\_5MHZ\_LCH\_RB25#0

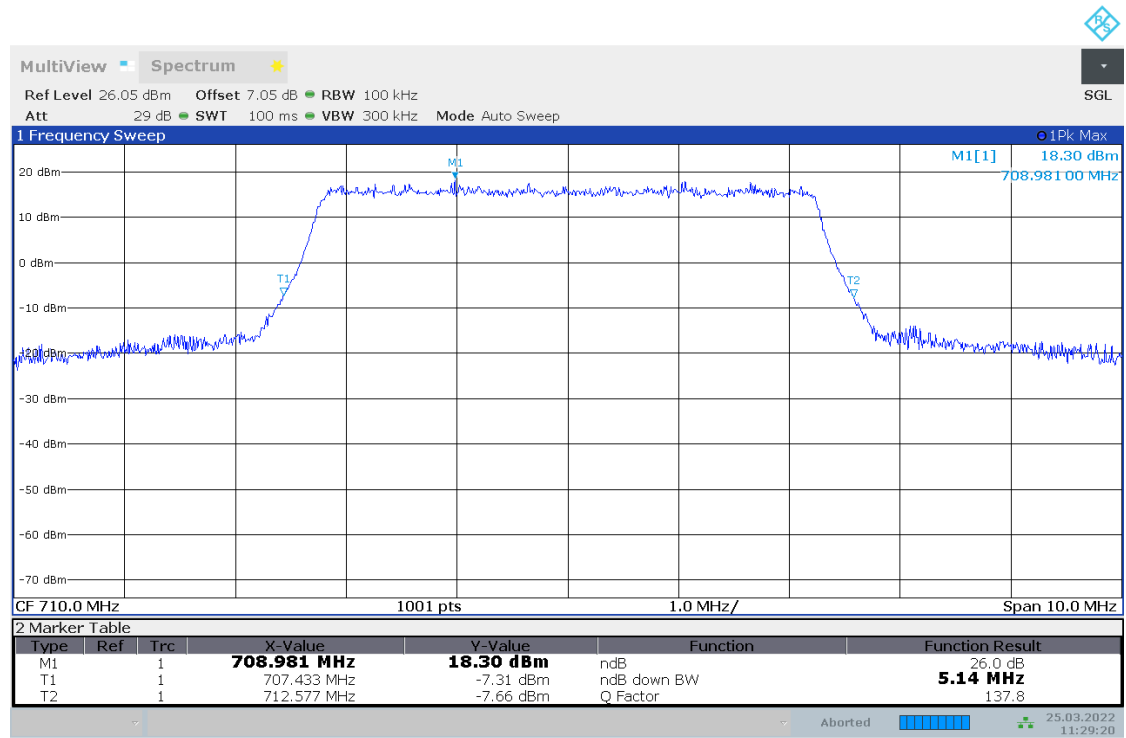


11:28:53 25.03.2022

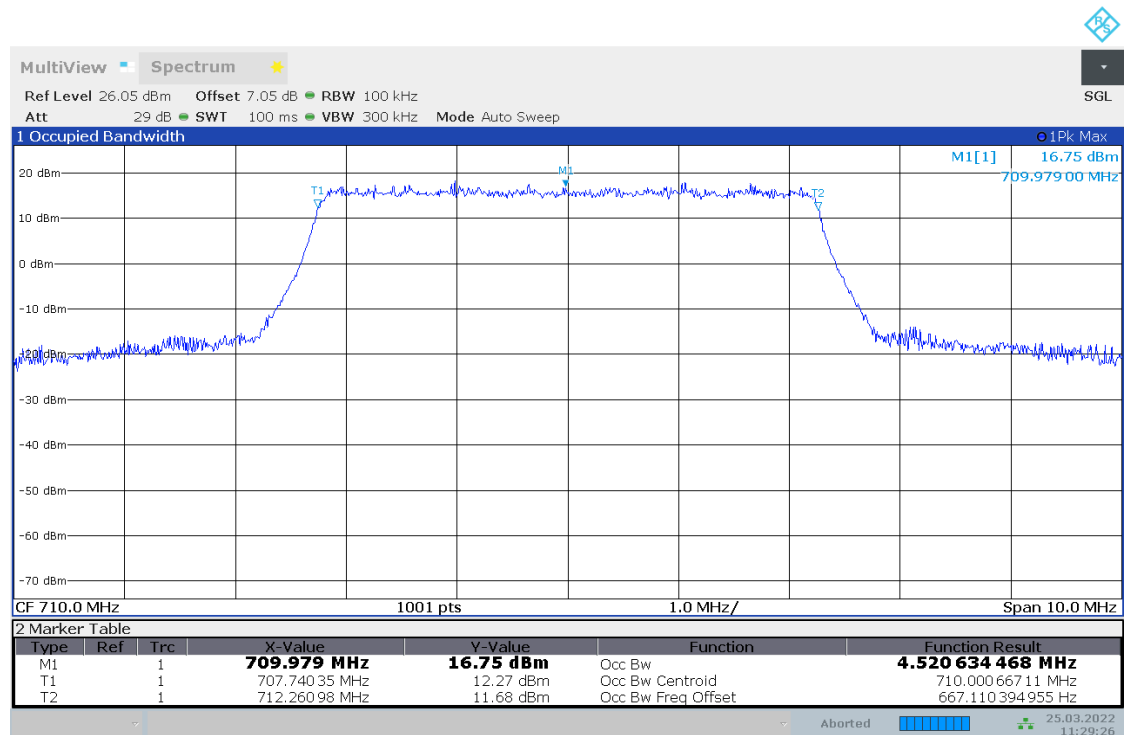


11:28:59 25.03.2022

## 4.2.14 TM3\_5MHZ\_MCH\_RB25#0

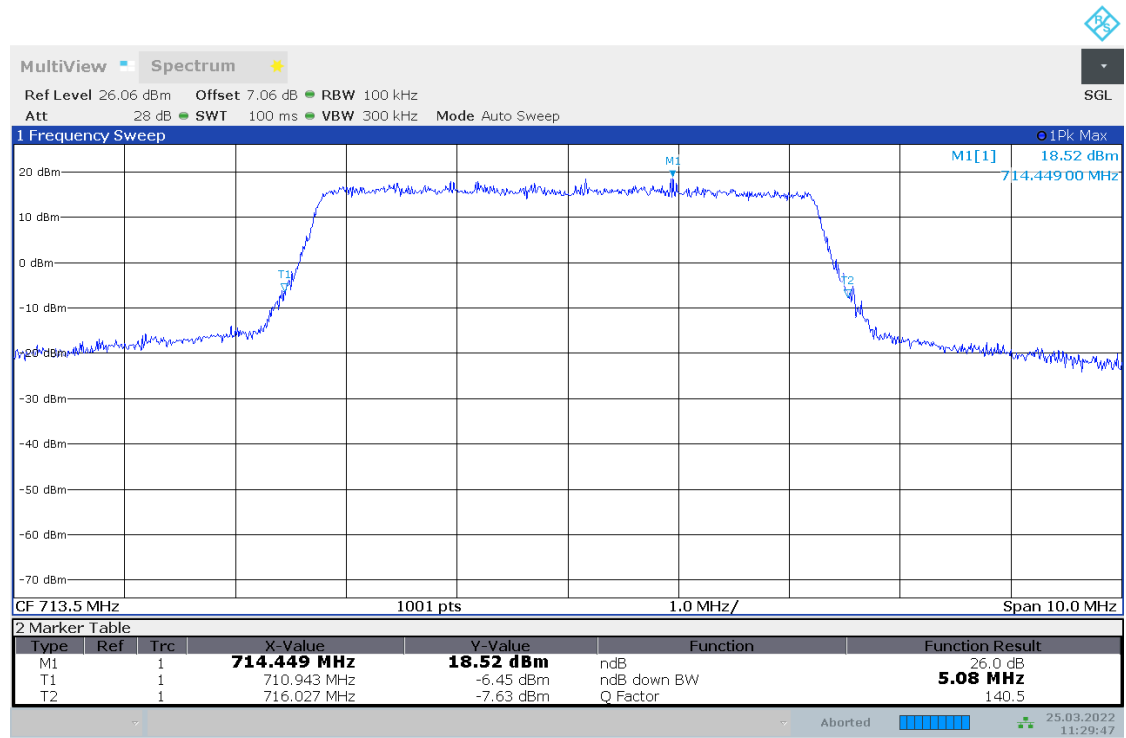


11:29:20 25.03.2022

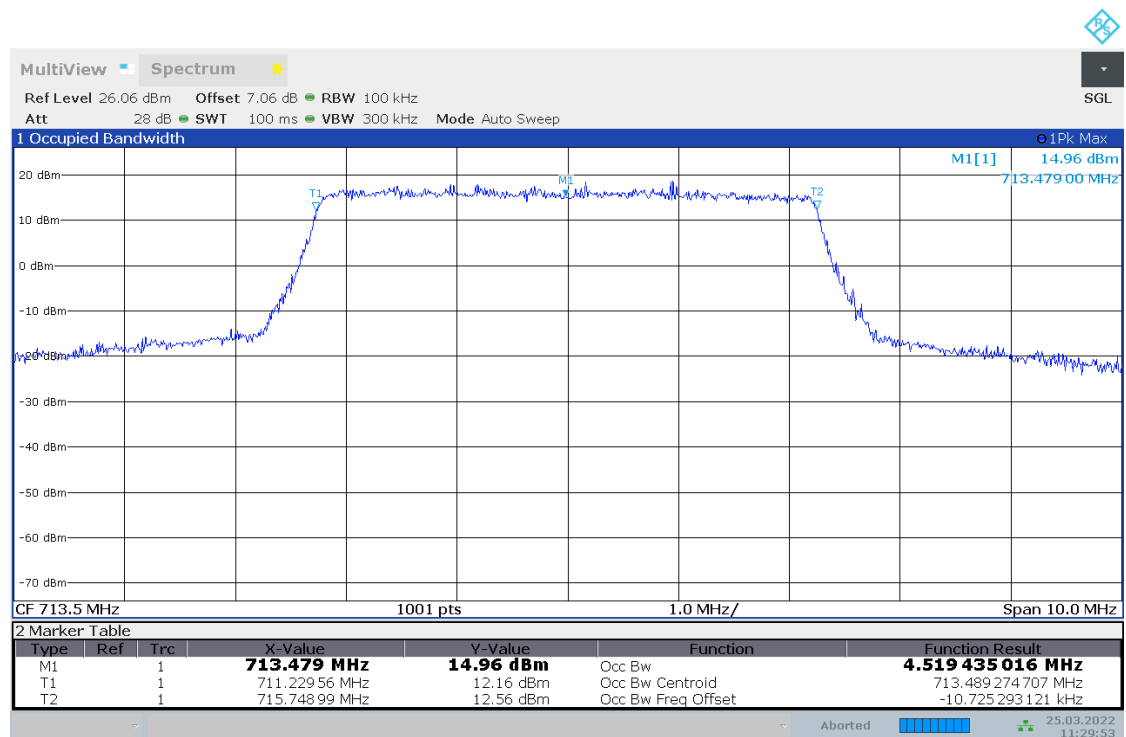


11:29:26 25.03.2022

## 4.2.15 TM3\_5MHZ\_HCH\_RB25#0

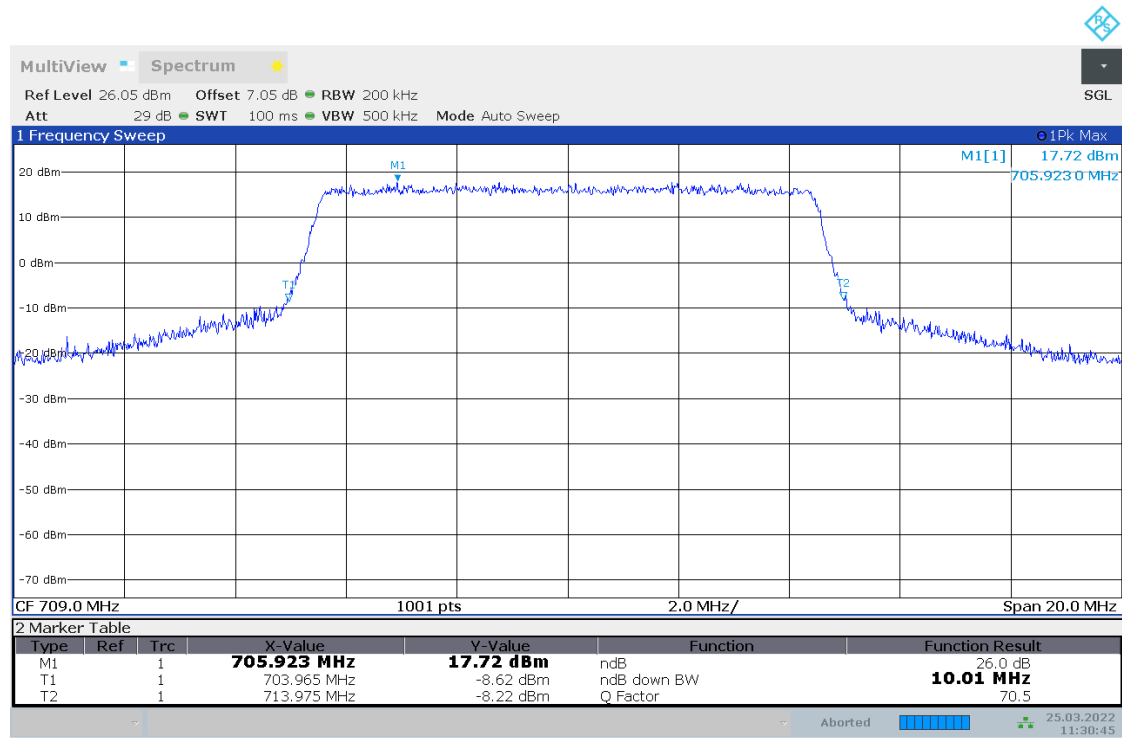


11:29:47 25.03.2022

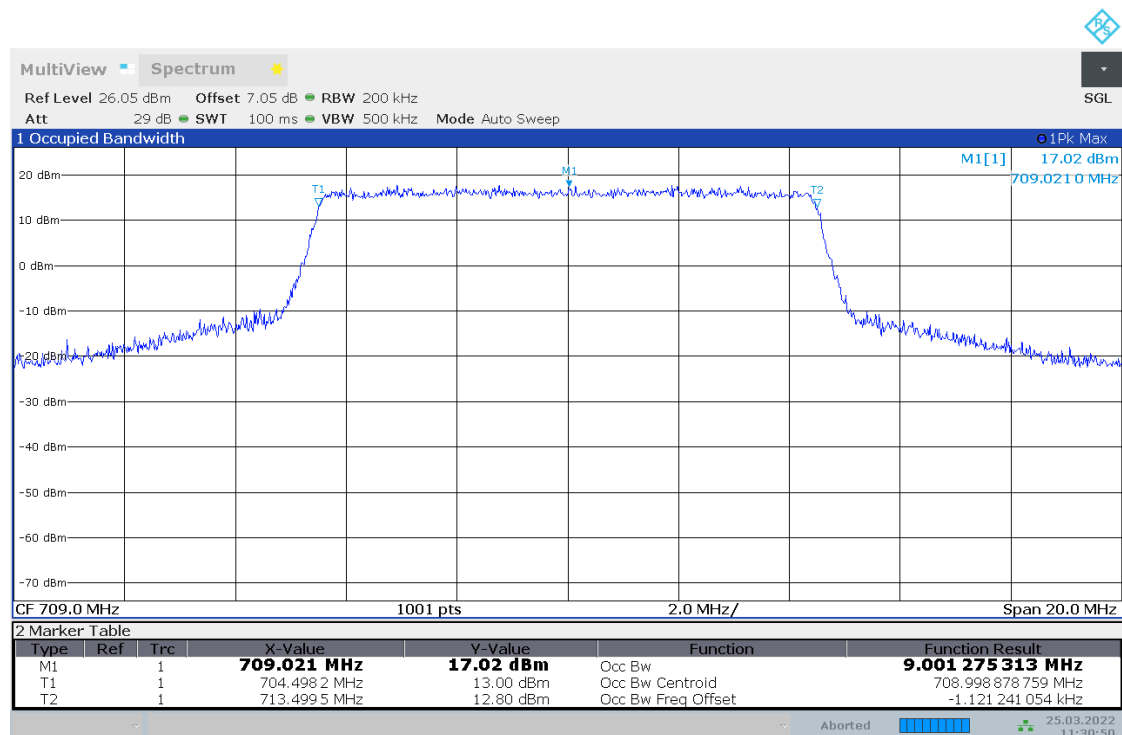


11:29:53 25.03.2022

## 4.2.16 TM3\_10MHZ\_LCH\_RB50#0

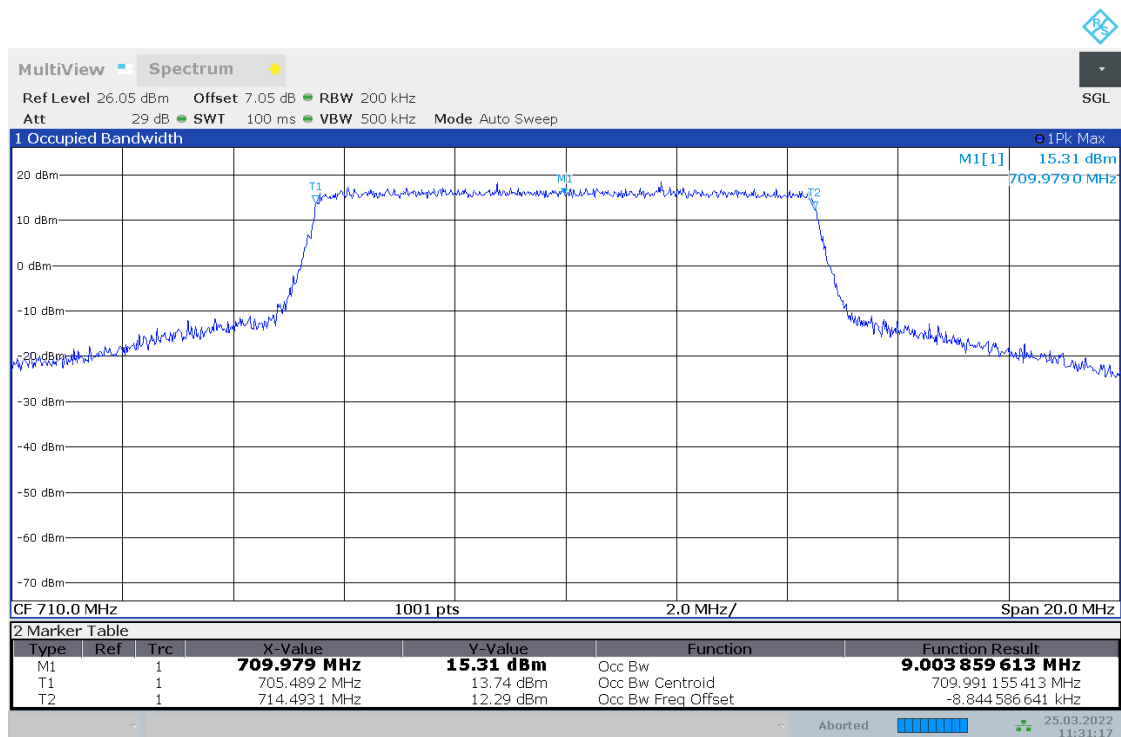
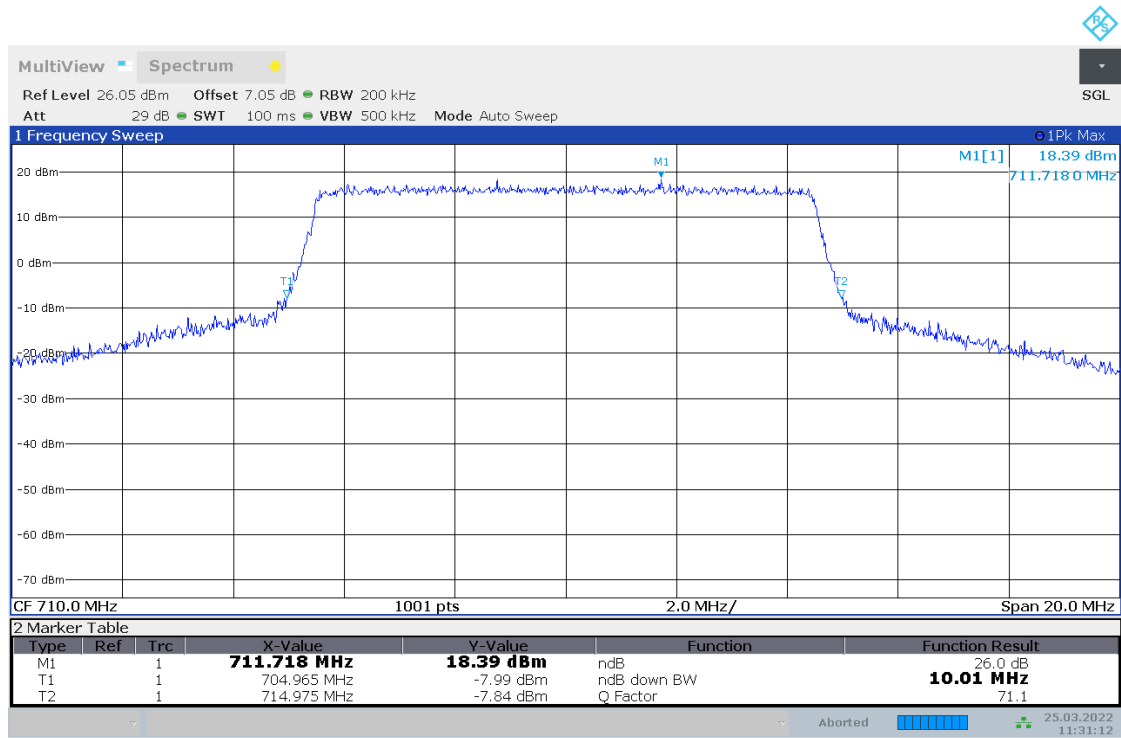


11:30:45 25.03.2022

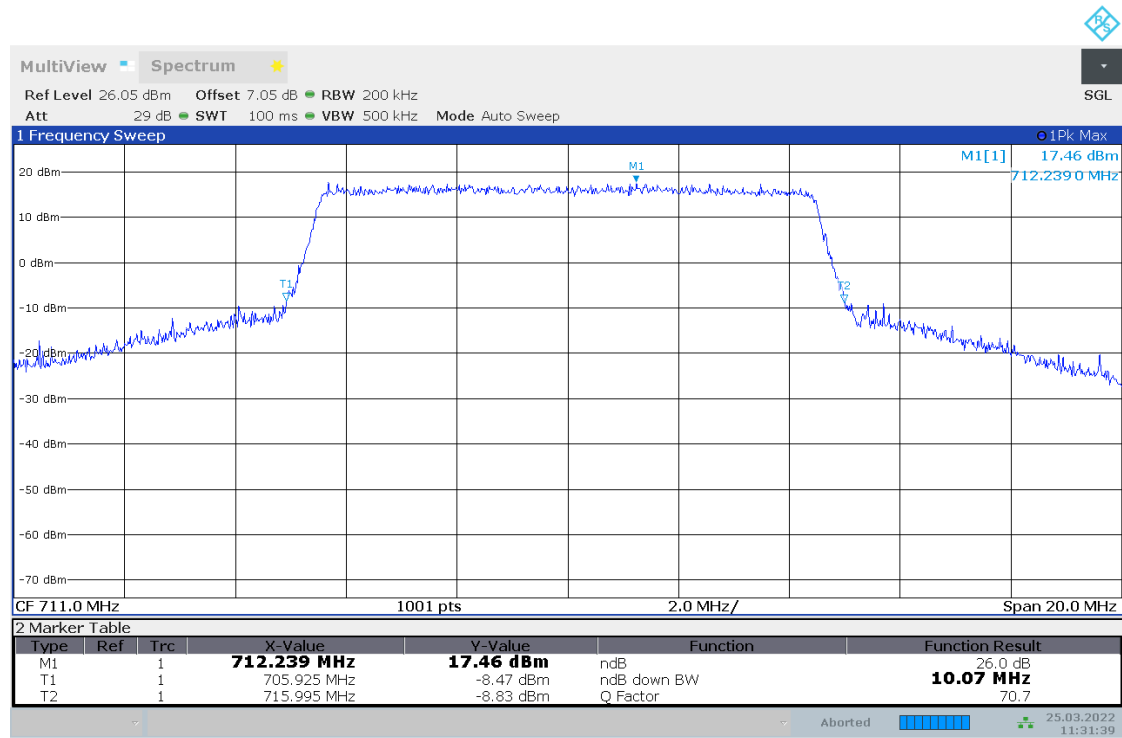


11:30:50 25.03.2022

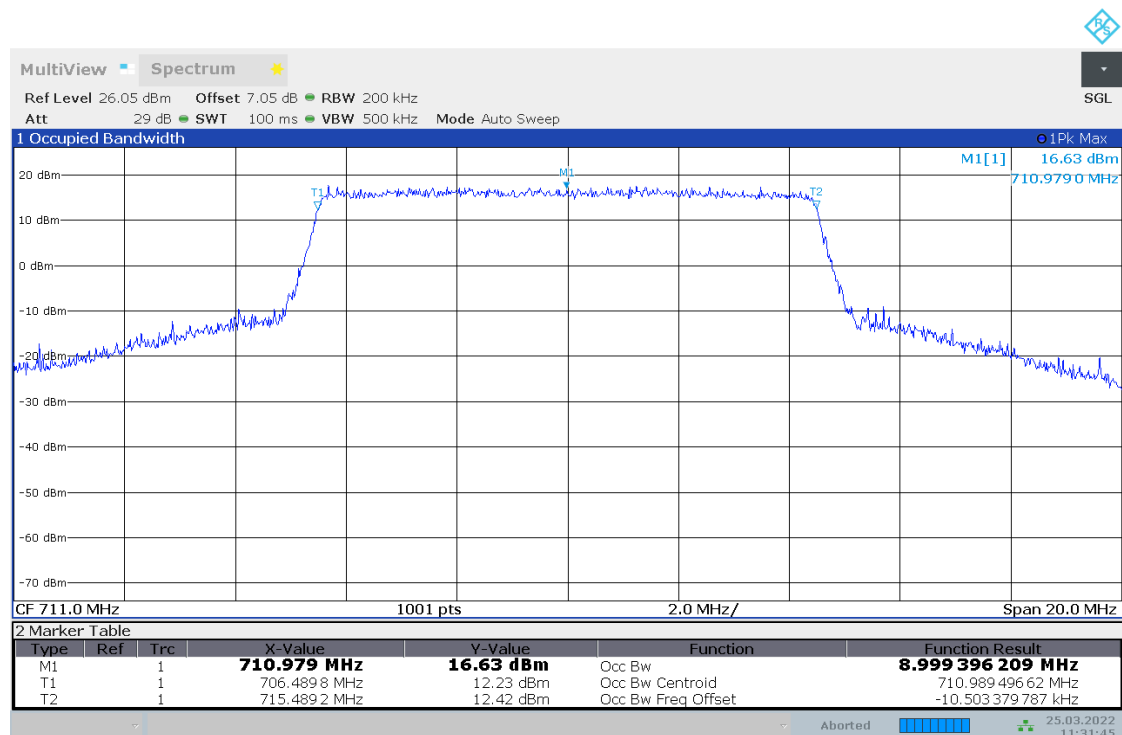
## 4.2.17 TM3\_10MHZ\_MCH\_RB50#0



## 4.2.18 TM3\_10MHZ\_HCH\_RB50#0



11:31:40 25.03.2022



11:31:45 25.03.2022

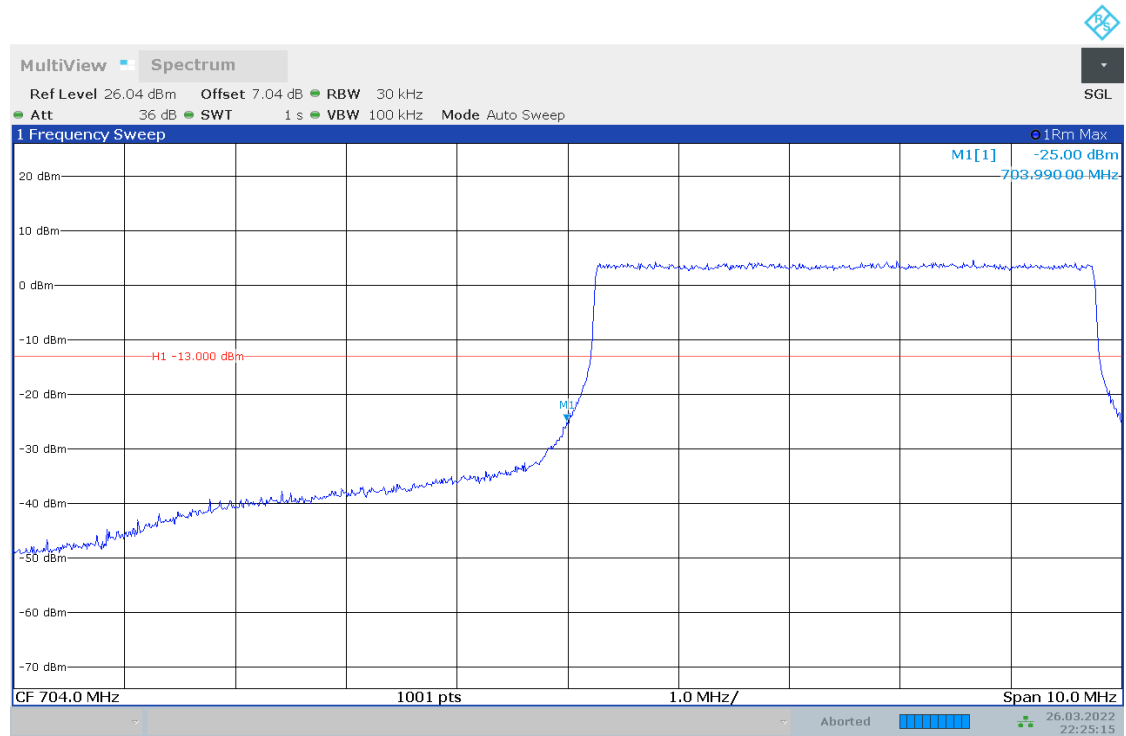
## 5. APPENDIX E - BAND EDGES COMPLIANCE

### 5.1 TEST RESULTS

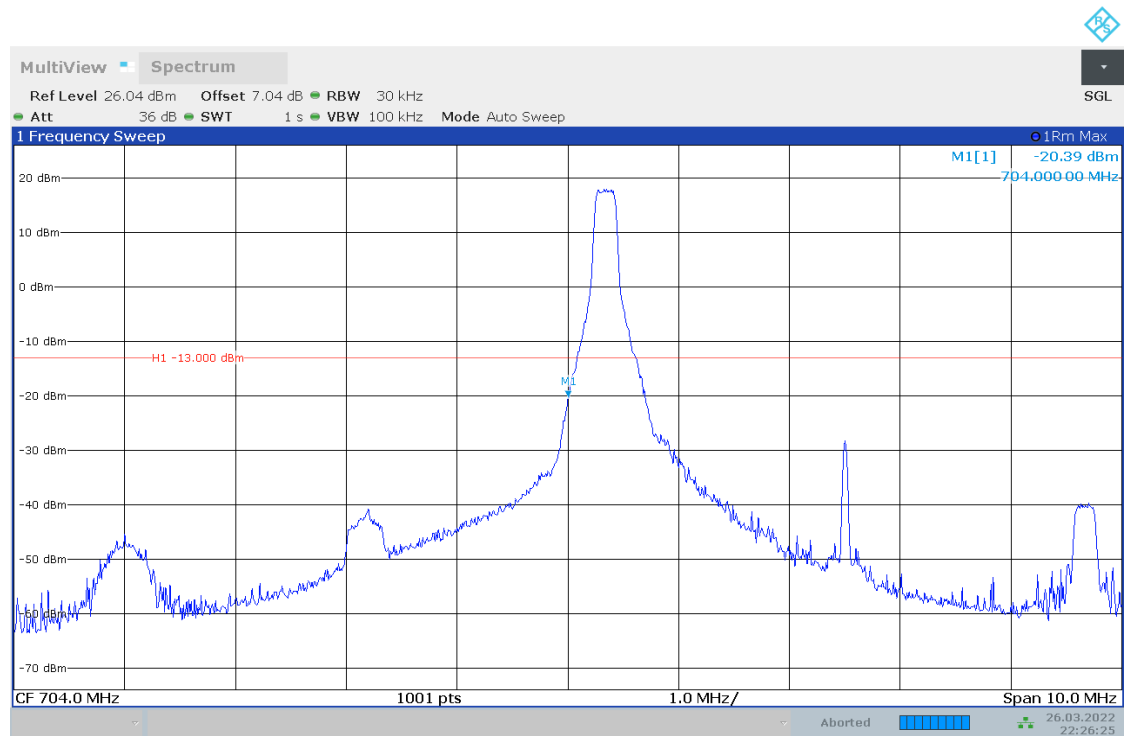
| Band Edges Compliance |                      |              |         |            |         |
|-----------------------|----------------------|--------------|---------|------------|---------|
| Test Mode             | Test Bandwidth [MHz] | Test Channel | Test RB | Modulation | Verdict |
| TM1                   | 5                    | LCH          | RB25#0  | QPSK       | PASS    |
|                       |                      |              | RB1#0   | QPSK       | PASS    |
|                       |                      |              | RB1#24  | QPSK       | PASS    |
|                       |                      | HCH          | RB25#0  | QPSK       | PASS    |
|                       |                      |              | RB1#0   | QPSK       | PASS    |
|                       |                      |              | RB1#24  | QPSK       | PASS    |
|                       | 10                   | LCH          | RB50#0  | QPSK       | PASS    |
|                       |                      |              | RB1#0   | QPSK       | PASS    |
|                       |                      |              | RB1#49  | QPSK       | PASS    |
|                       |                      | HCH          | RB50#0  | QPSK       | PASS    |
|                       |                      |              | RB1#0   | QPSK       | PASS    |
|                       |                      |              | RB1#49  | QPSK       | PASS    |
| TM2                   | 5                    | LCH          | RB25#0  | 16QAM      | PASS    |
|                       |                      |              | RB1#0   | 16QAM      | PASS    |
|                       |                      |              | RB1#24  | 16QAM      | PASS    |
|                       |                      | HCH          | RB25#0  | 16QAM      | PASS    |
|                       |                      |              | RB1#0   | 16QAM      | PASS    |
|                       |                      |              | RB1#24  | 16QAM      | PASS    |
|                       | 10                   | LCH          | RB50#0  | 16QAM      | PASS    |
|                       |                      |              | RB1#0   | 16QAM      | PASS    |
|                       |                      |              | RB1#49  | 16QAM      | PASS    |
|                       |                      | HCH          | RB50#0  | 16QAM      | PASS    |
|                       |                      |              | RB1#0   | 16QAM      | PASS    |
|                       |                      |              | RB1#49  | 16QAM      | PASS    |
| TM3                   | 5                    | LCH          | RB25#0  | 64QAM      | PASS    |
|                       |                      |              | RB1#0   | 64QAM      | PASS    |
|                       |                      |              | RB1#24  | 64QAM      | PASS    |
|                       |                      | HCH          | RB25#0  | 64QAM      | PASS    |
|                       |                      |              | RB1#0   | 64QAM      | PASS    |
|                       |                      |              | RB1#24  | 64QAM      | PASS    |
|                       | 10                   | LCH          | RB50#0  | 64QAM      | PASS    |
|                       |                      |              | RB1#0   | 64QAM      | PASS    |
|                       |                      |              | RB1#49  | 64QAM      | PASS    |
|                       |                      | HCH          | RB50#0  | 64QAM      | PASS    |
|                       |                      |              | RB1#0   | 64QAM      | PASS    |
|                       |                      |              | RB1#49  | 64QAM      | PASS    |

## 5.2 TEST PLOTS

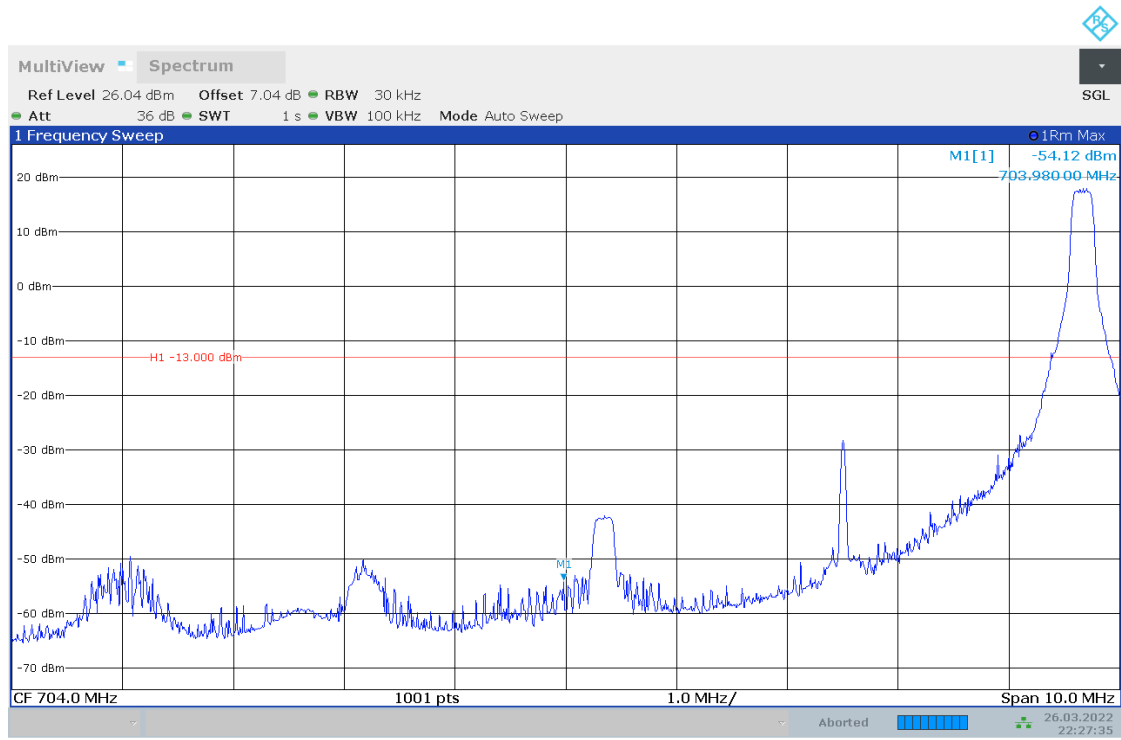
### 5.2.1 TM1\_5MHZ\_LCH\_RB25#0



### 5.2.2 TM1\_5MHZ\_LCH\_RB1#0

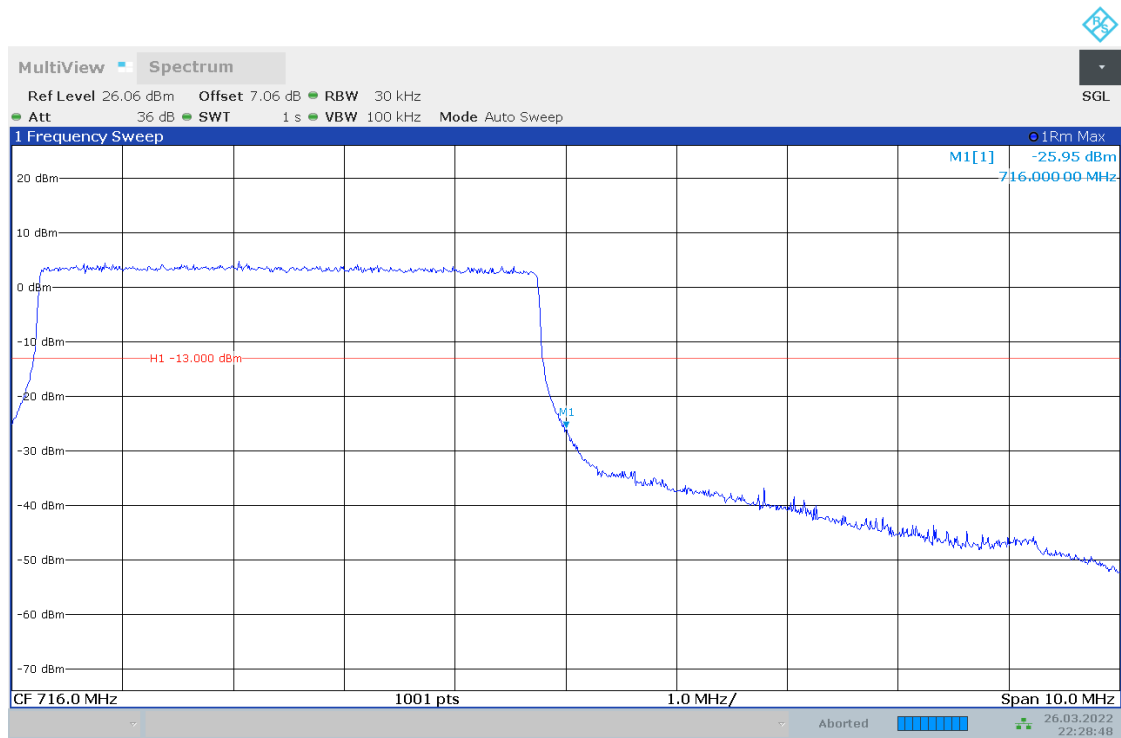


## 5.2.3 TM1\_5MHZ\_LCH\_RB1#24



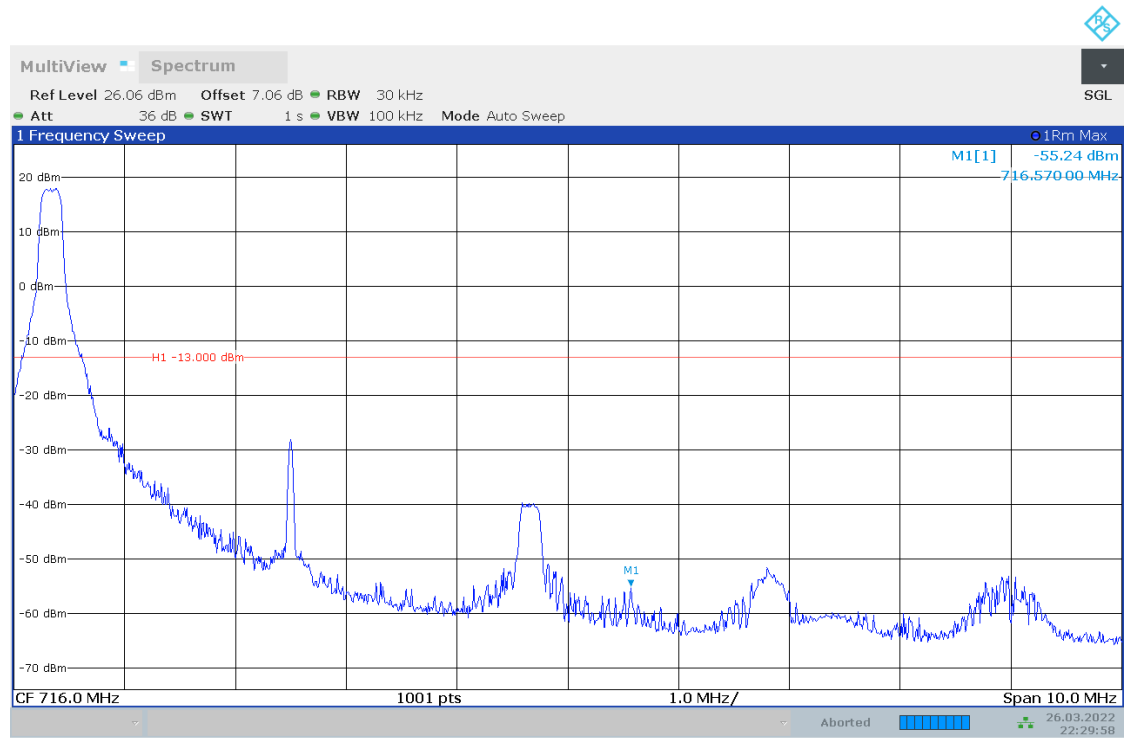
22:27:36 26.03.2022

## 5.2.4 TM1\_5MHZ\_HCH\_RB25#0

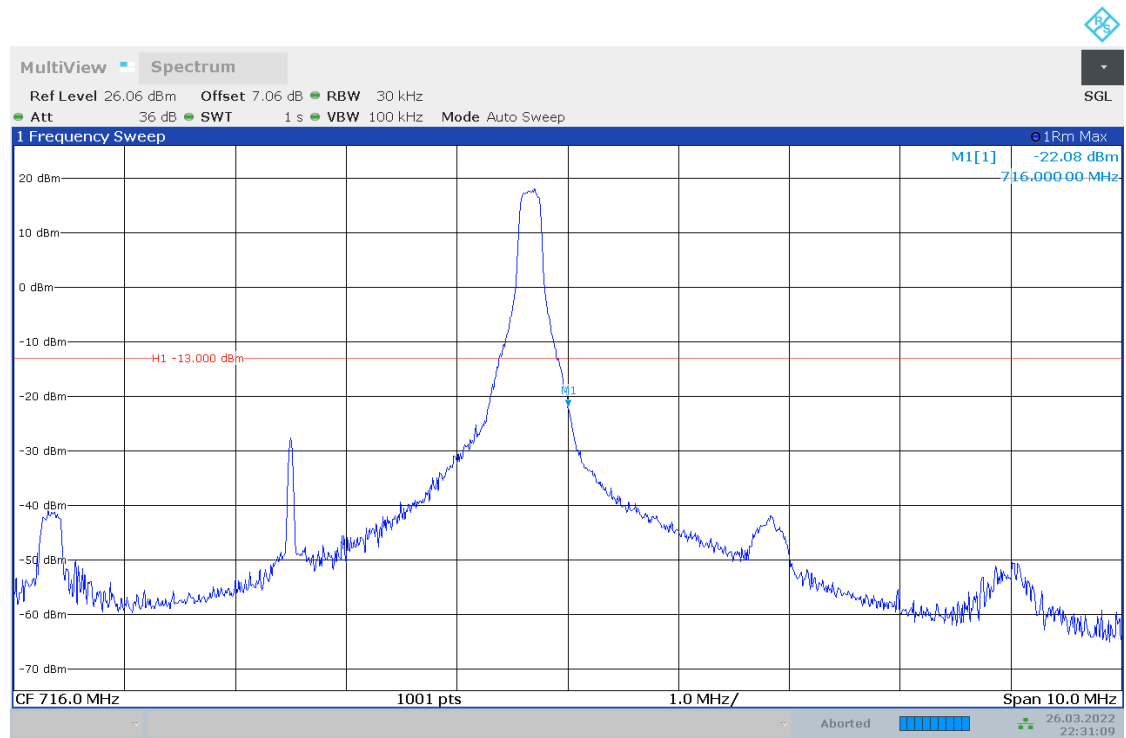


22:28:48 26.03.2022

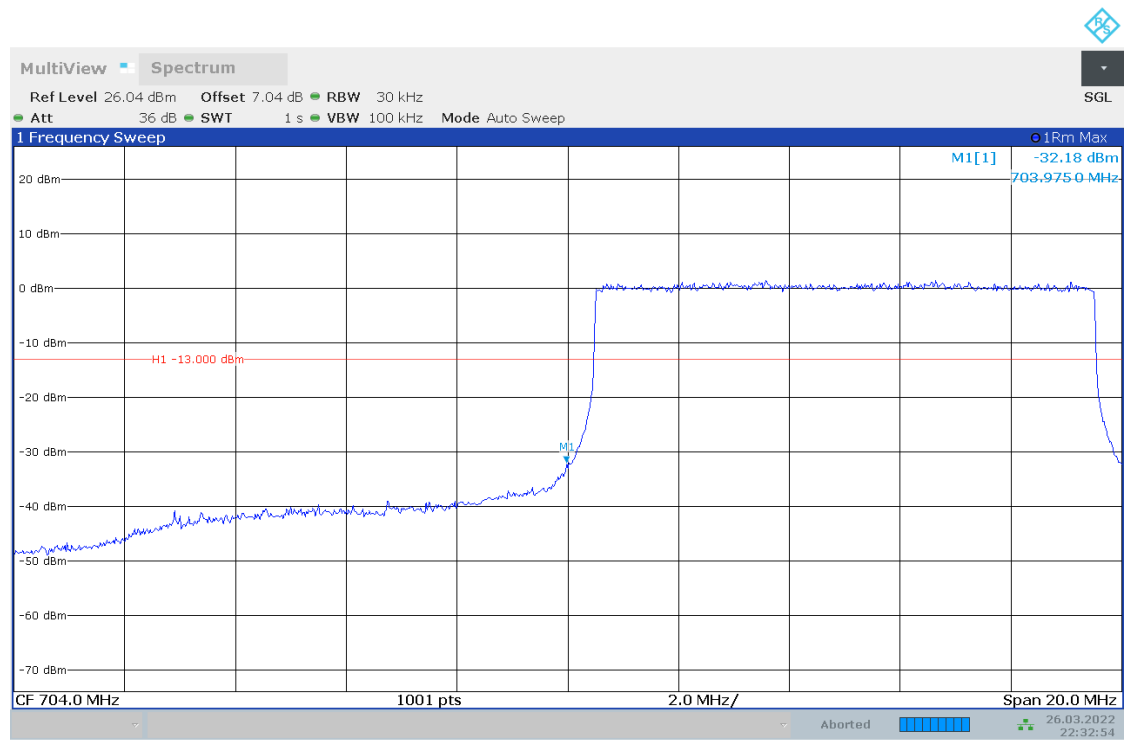
## 5.2.5 TM1\_5MHZ\_HCH\_RB1#0



## 5.2.6 TM1\_5MHZ\_HCH\_RB1#24

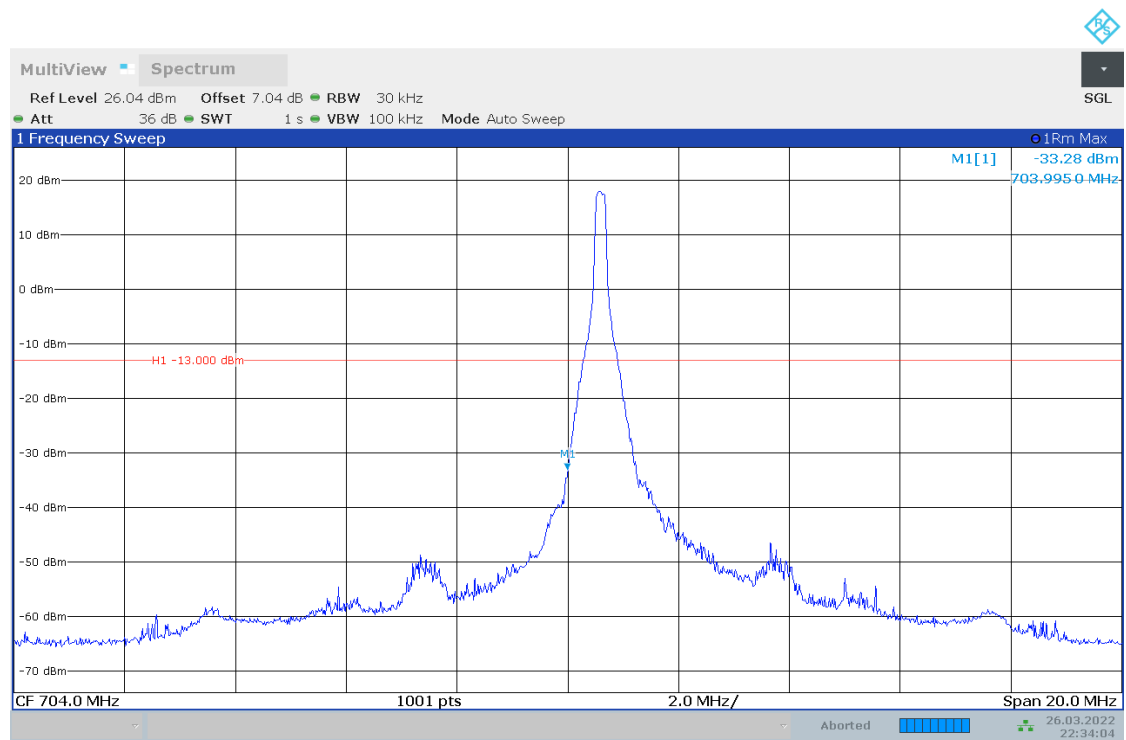


## 5.2.7 TM1\_10MHZ\_LCH\_RB50#0



22:32:54 26.03.2022

## 5.2.8 TM1\_10MHZ\_LCH\_RB1#0

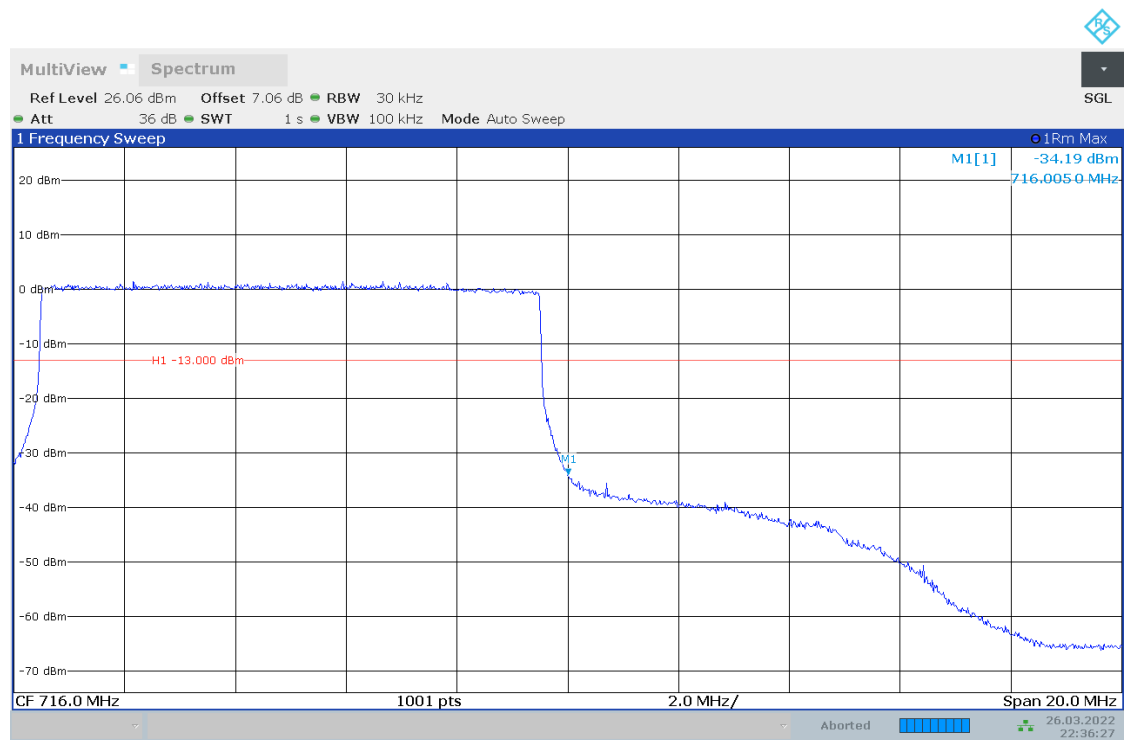


22:34:04 26.03.2022

## 5.2.9 TM1\_10MHZ\_LCH\_RB1#49



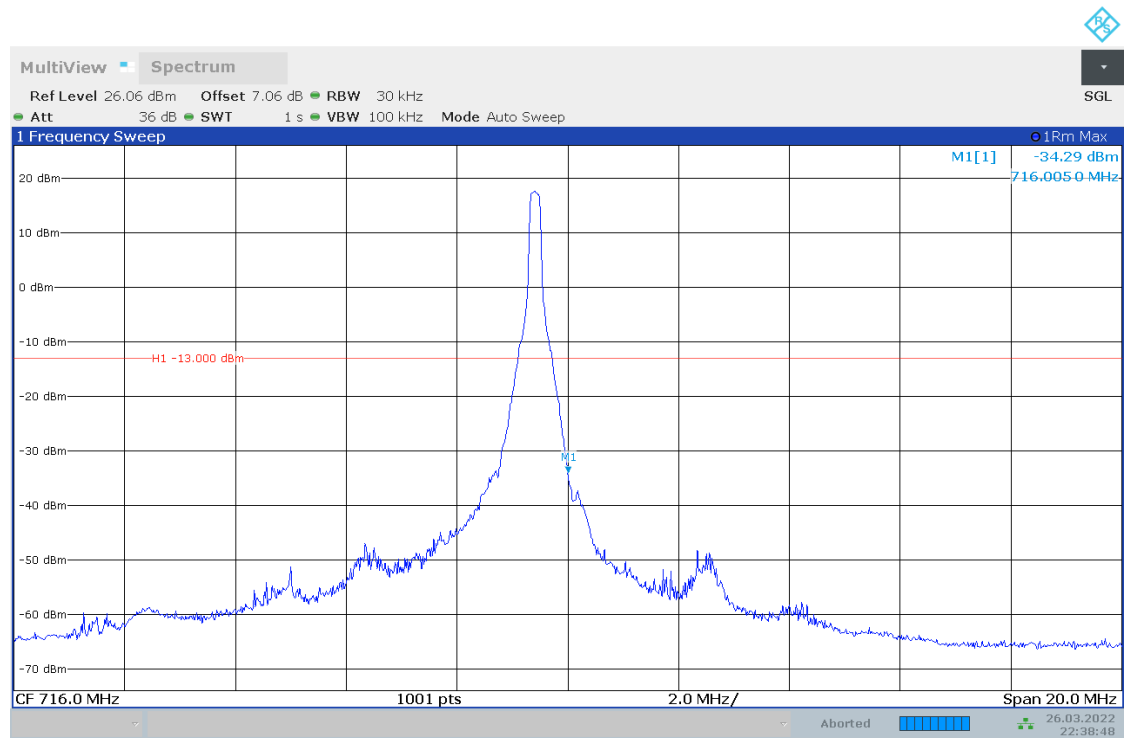
## 5.2.10 TM1\_10MHZ\_HCH\_RB50#0



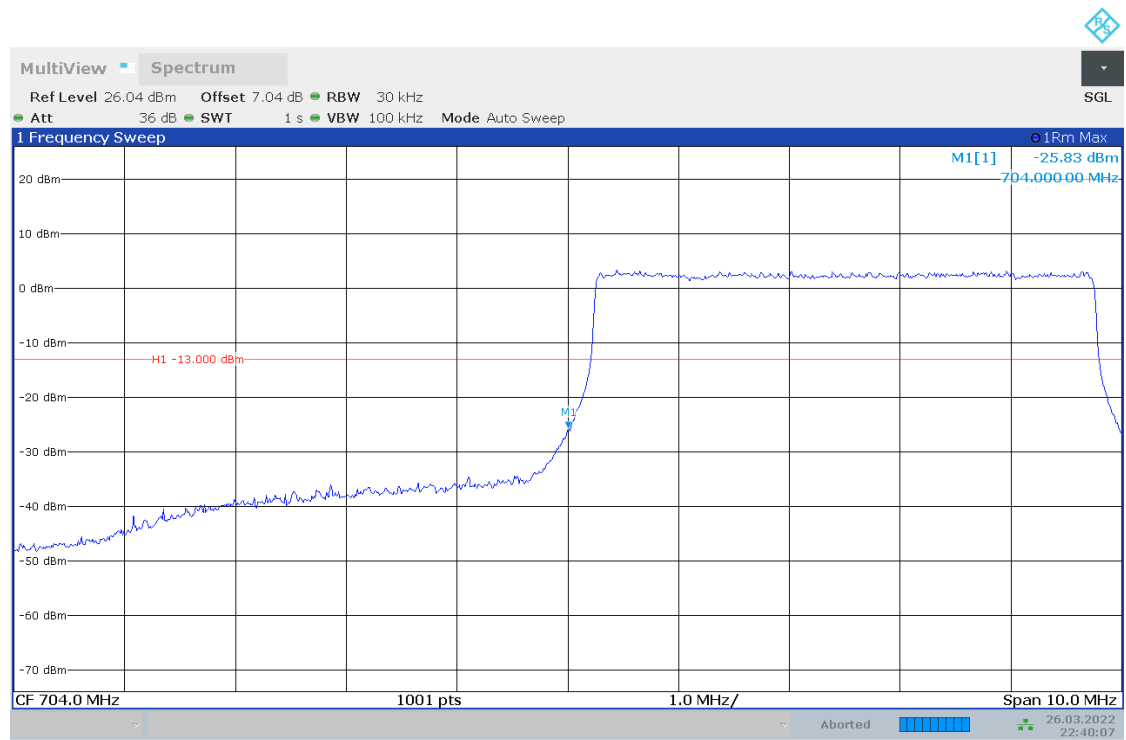
## 5.2.11 TM1\_10MHZ\_HCH\_RB1#0



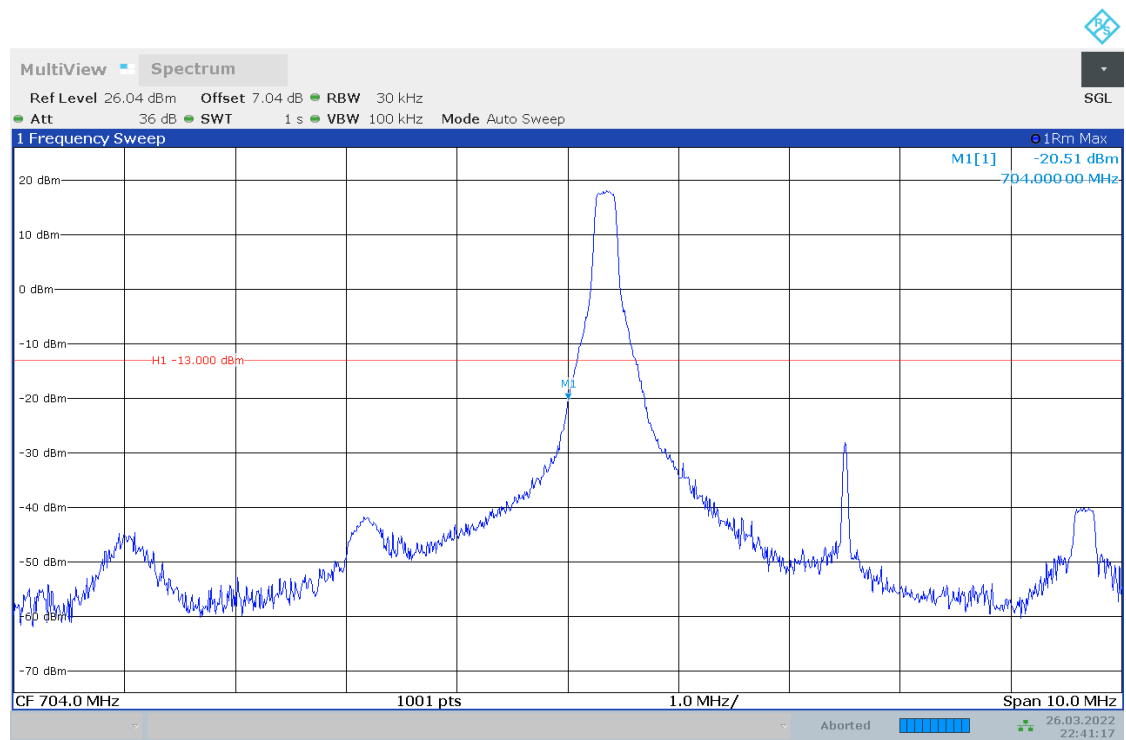
## 5.2.12 TM1\_10MHZ\_HCH\_RB1#49



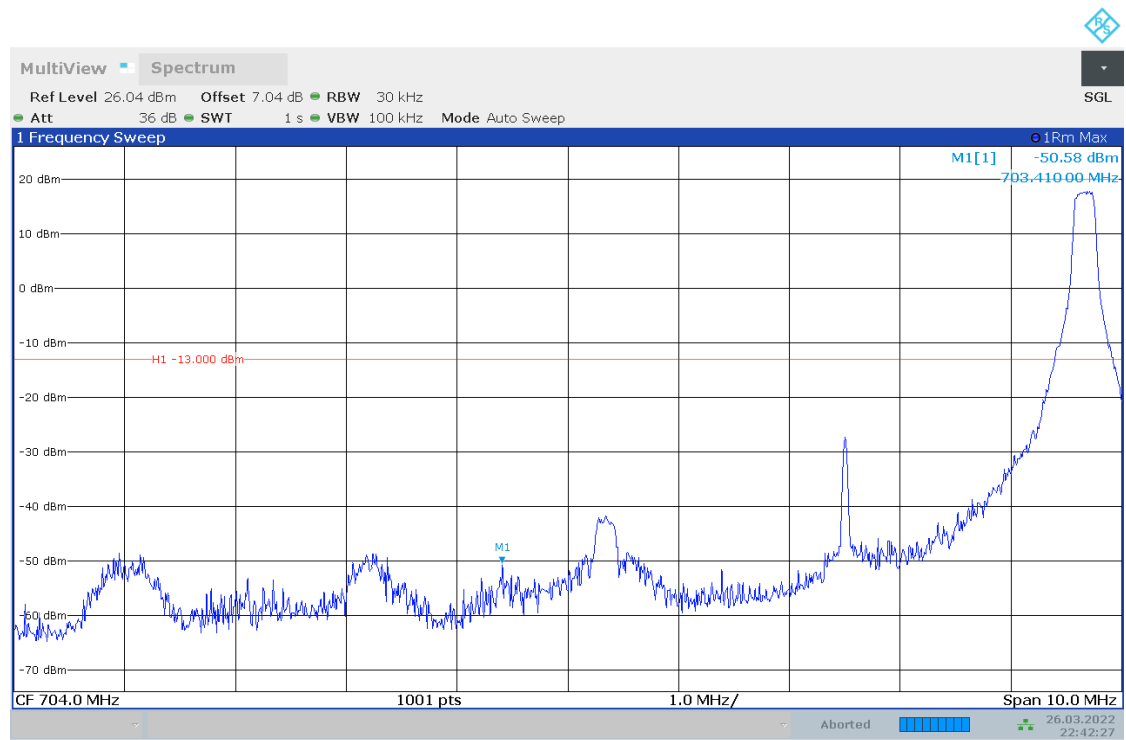
## 5.2.13 TM2\_5MHZ\_LCH\_RB25#0



## 5.2.14 TM2\_5MHZ\_LCH\_RB1#0

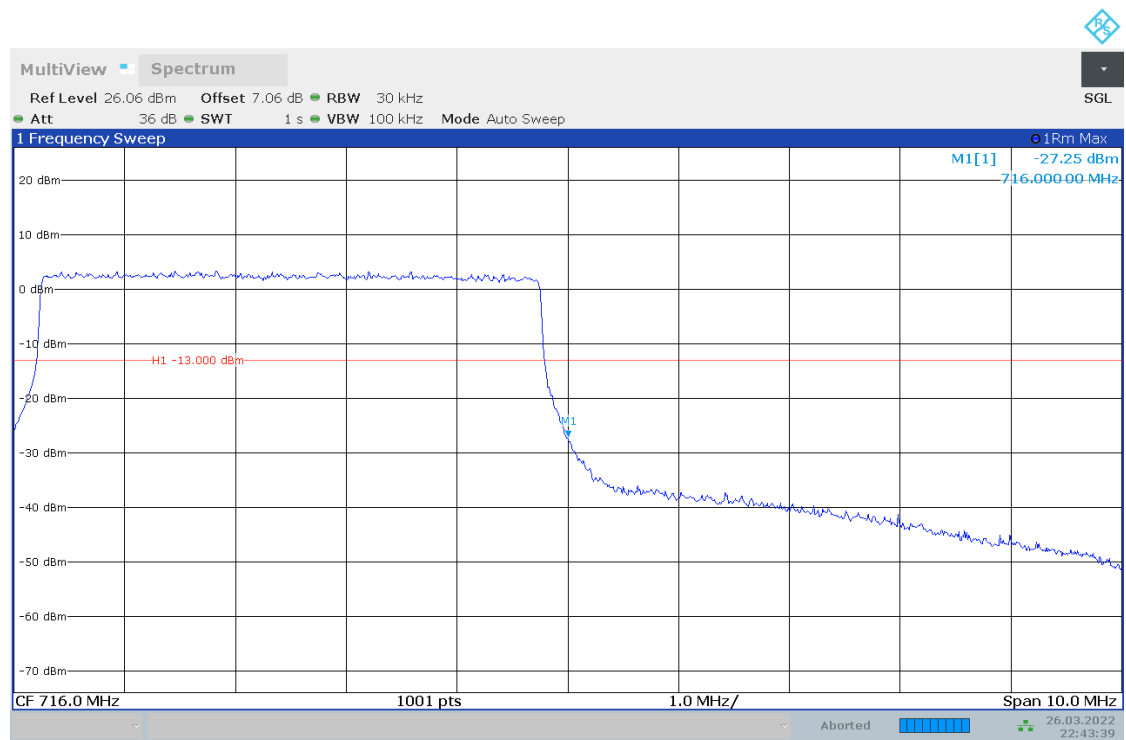


## 5.2.15 TM2\_5MHZ\_LCH\_RB1#24



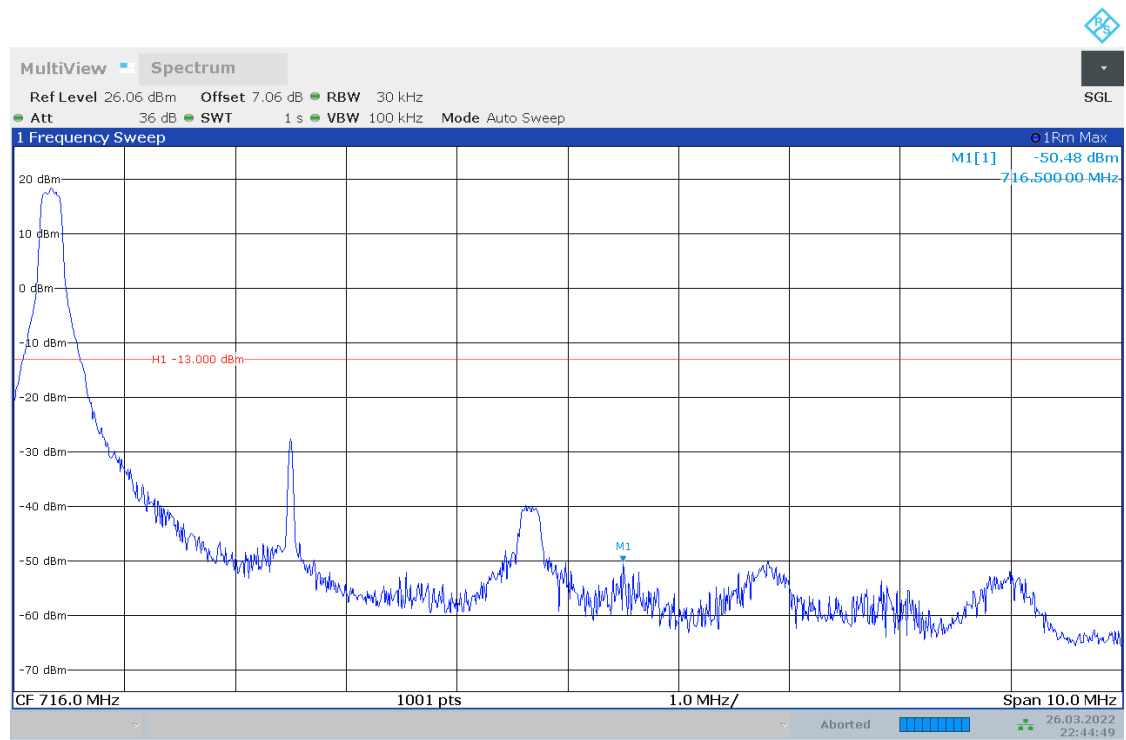
22:42:27 26.03.2022

## 5.2.16 TM2\_5MHZ\_HCH\_RB25#0

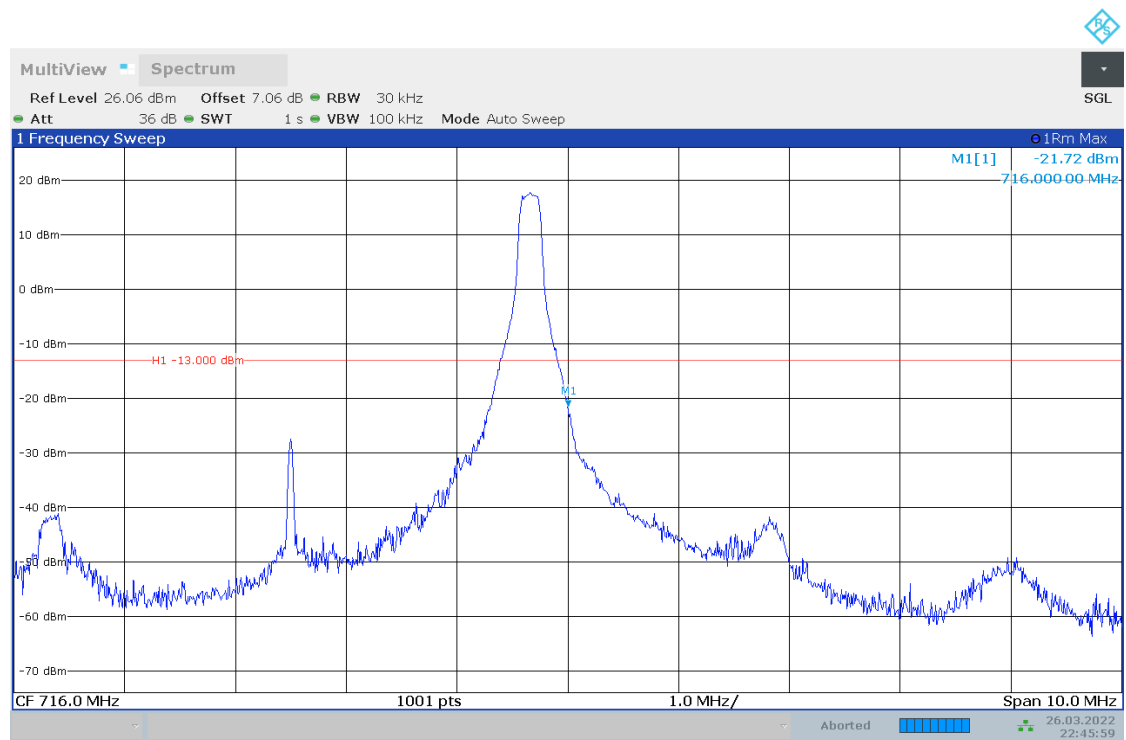


22:43:39 26.03.2022

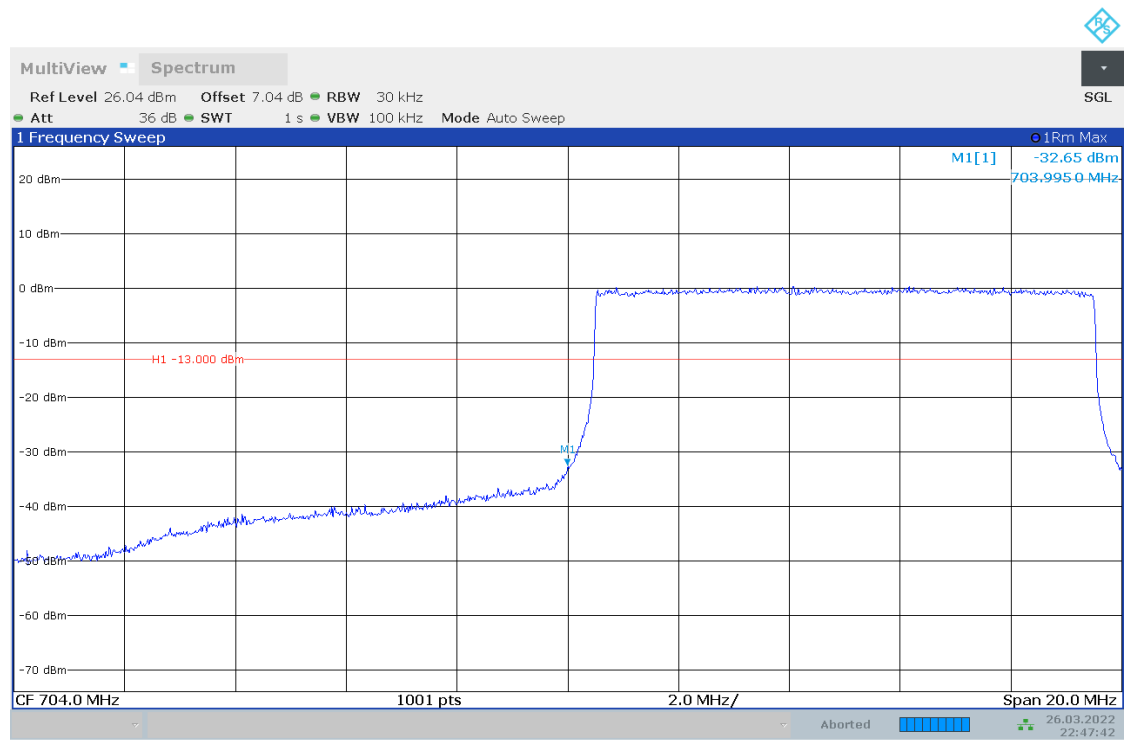
## 5.2.17 TM2\_5MHZ\_HCH\_RB1#0



## 5.2.18 TM2\_5MHZ\_HCH\_RB1#24

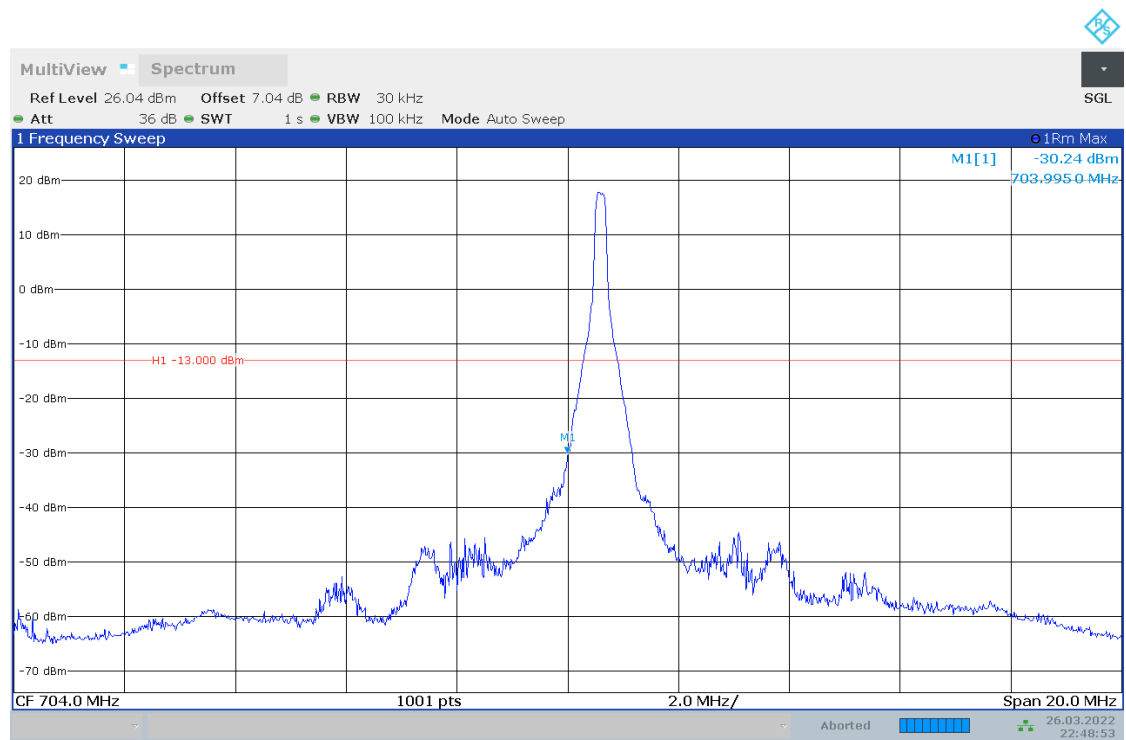


## 5.2.19 TM2\_10MHZ\_LCH\_RB50#0



22:47:42 26.03.2022

## 5.2.20 TM2\_10MHZ\_LCH\_RB1#0



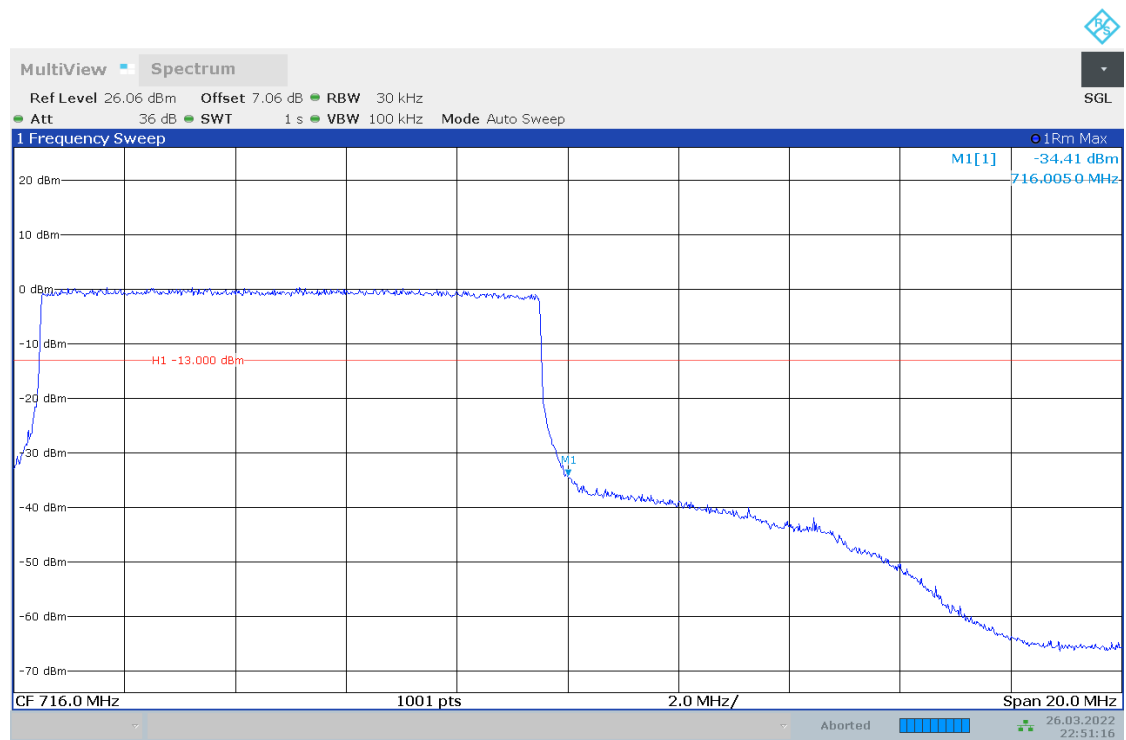
22:48:53 26.03.2022

## 5.2.21 TM2\_10MHZ\_LCH\_RB1#49



22:50:03 26.03.2022

## 5.2.22 TM2\_10MHZ\_HCH\_RB50#0

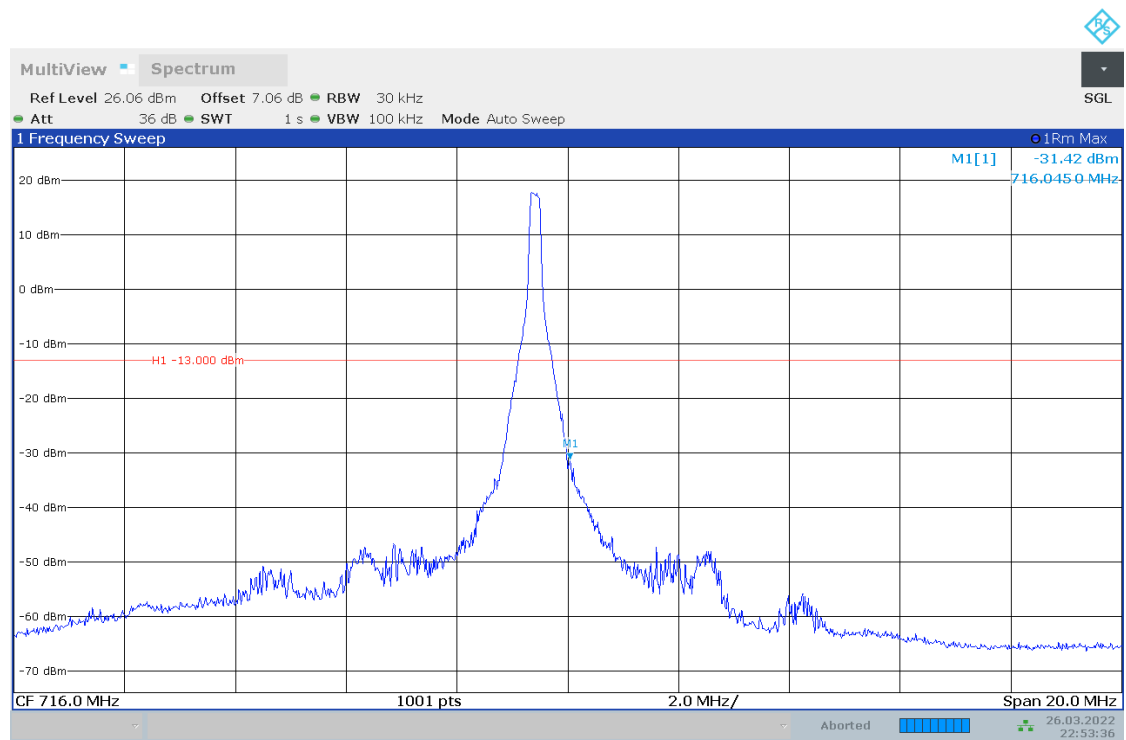


22:51:16 26.03.2022

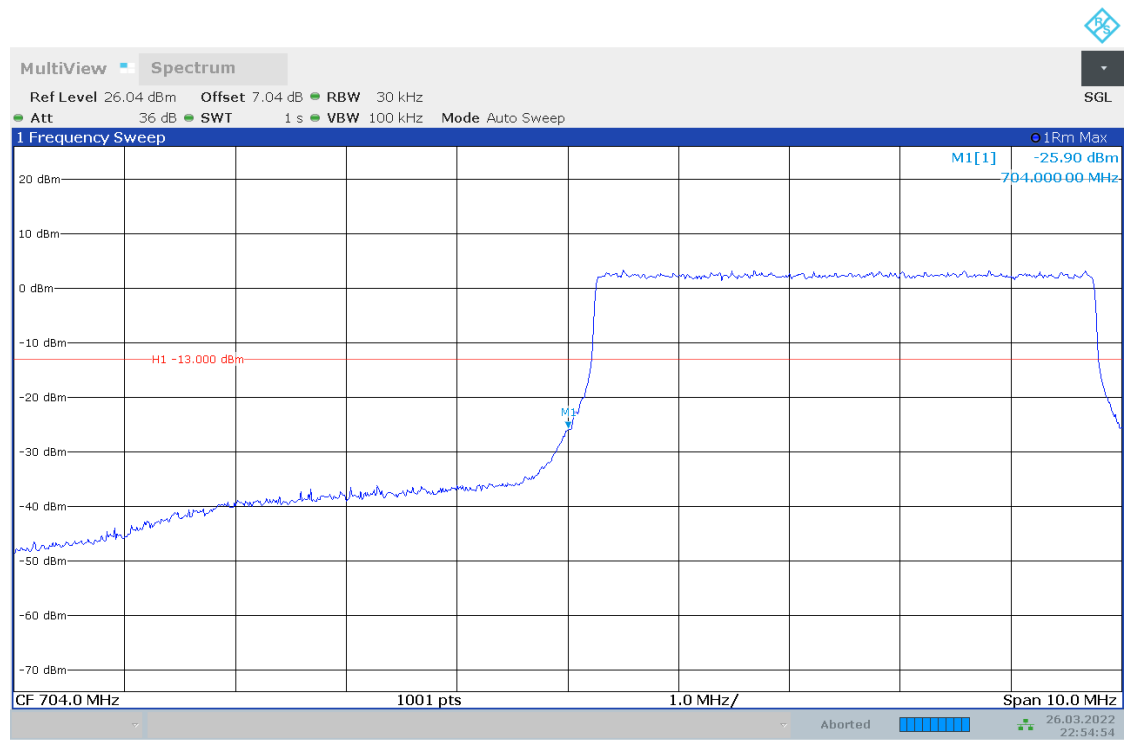
## 5.2.23 TM2\_10MHZ\_HCH\_RB1#0



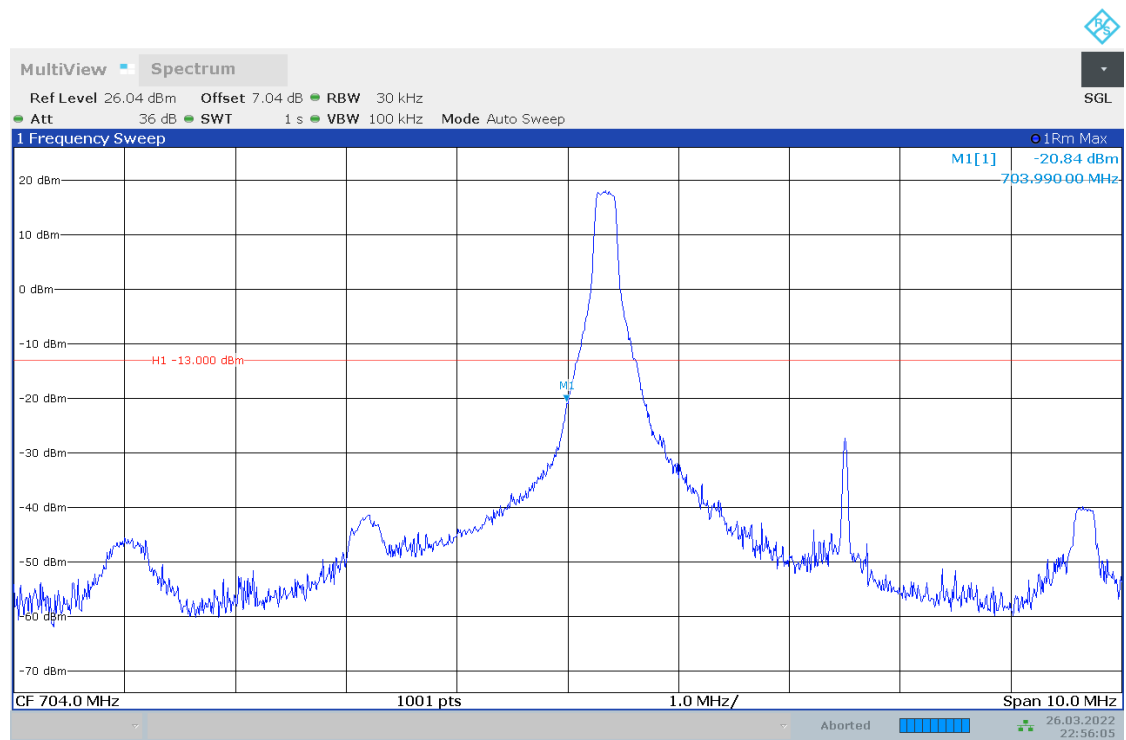
## 5.2.24 TM2\_10MHZ\_HCH\_RB1#49



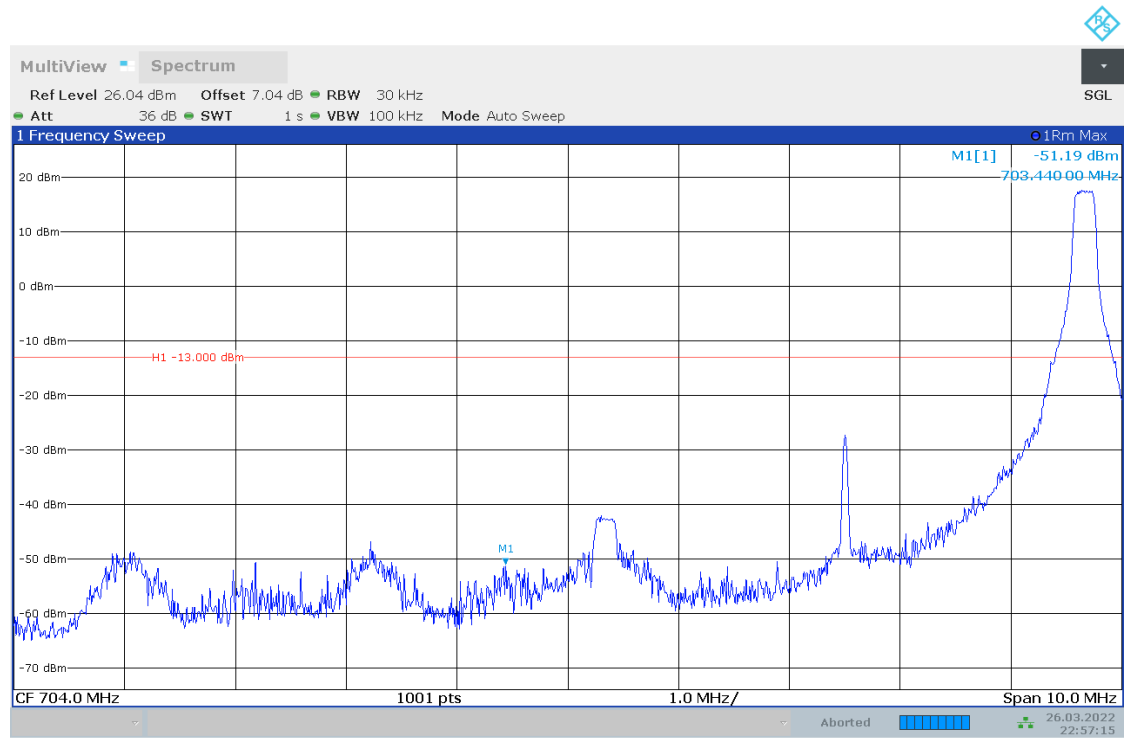
## 5.2.25 TM3\_5MHZ\_LCH\_RB25#0



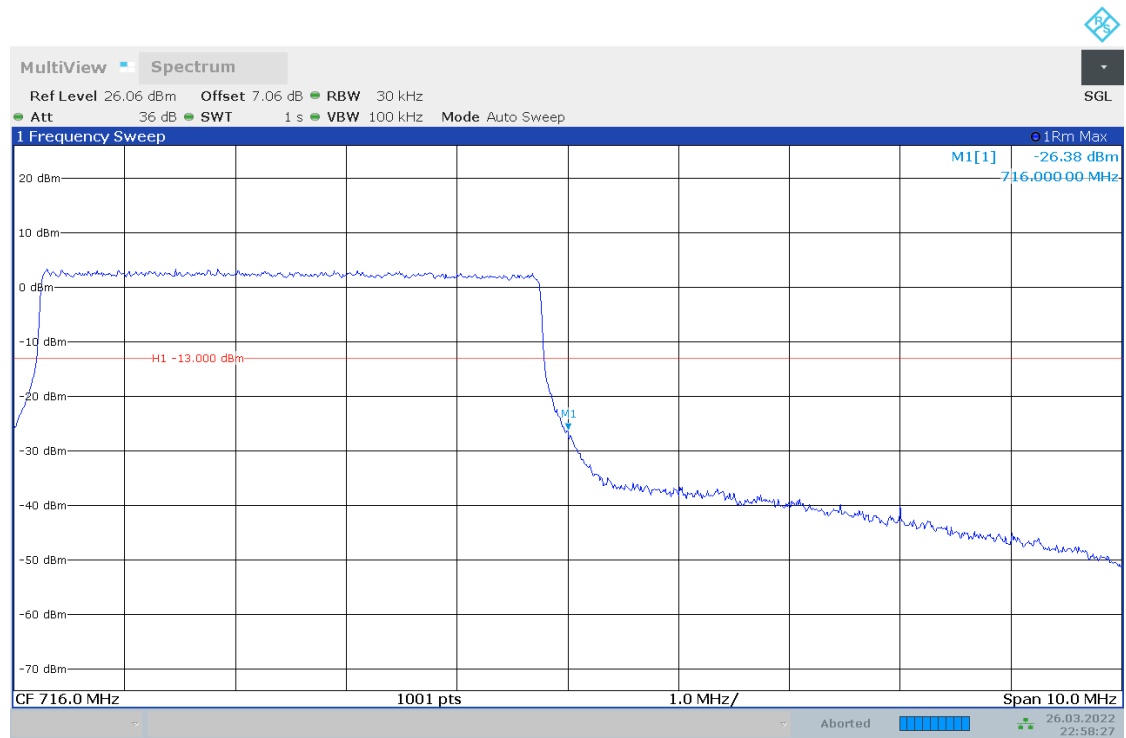
## 5.2.26 TM3\_5MHZ\_LCH\_RB1#0



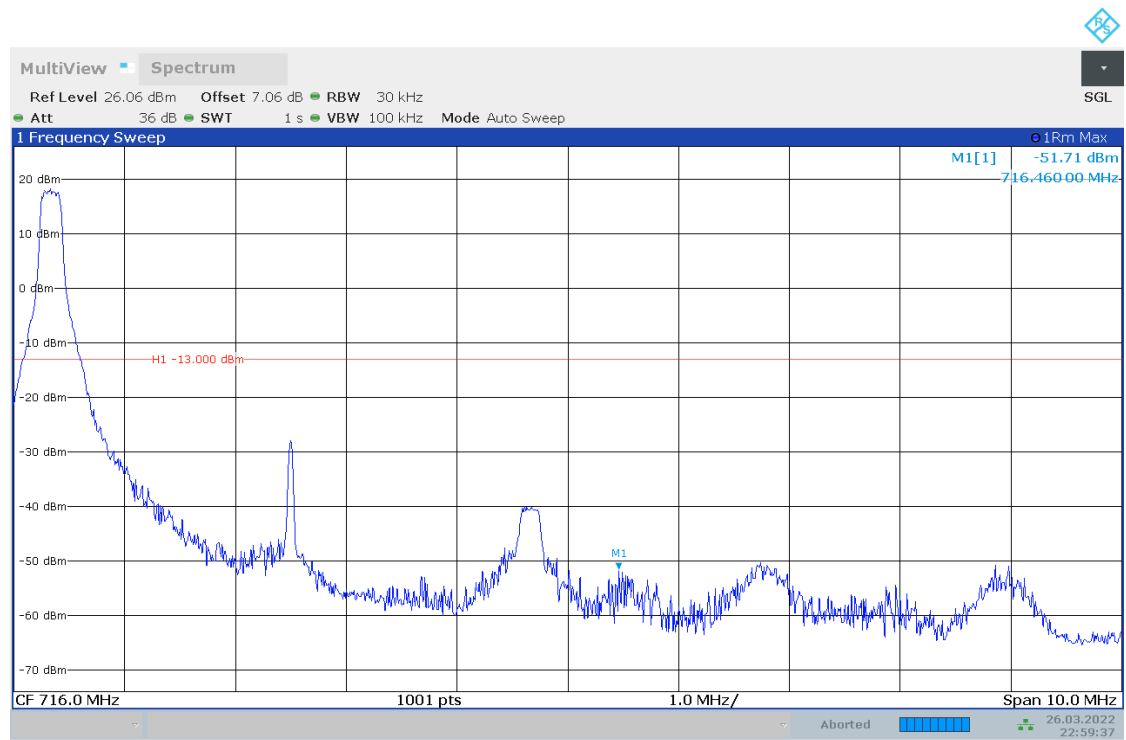
## 5.2.27 TM3\_5MHZ\_LCH\_RB1#24



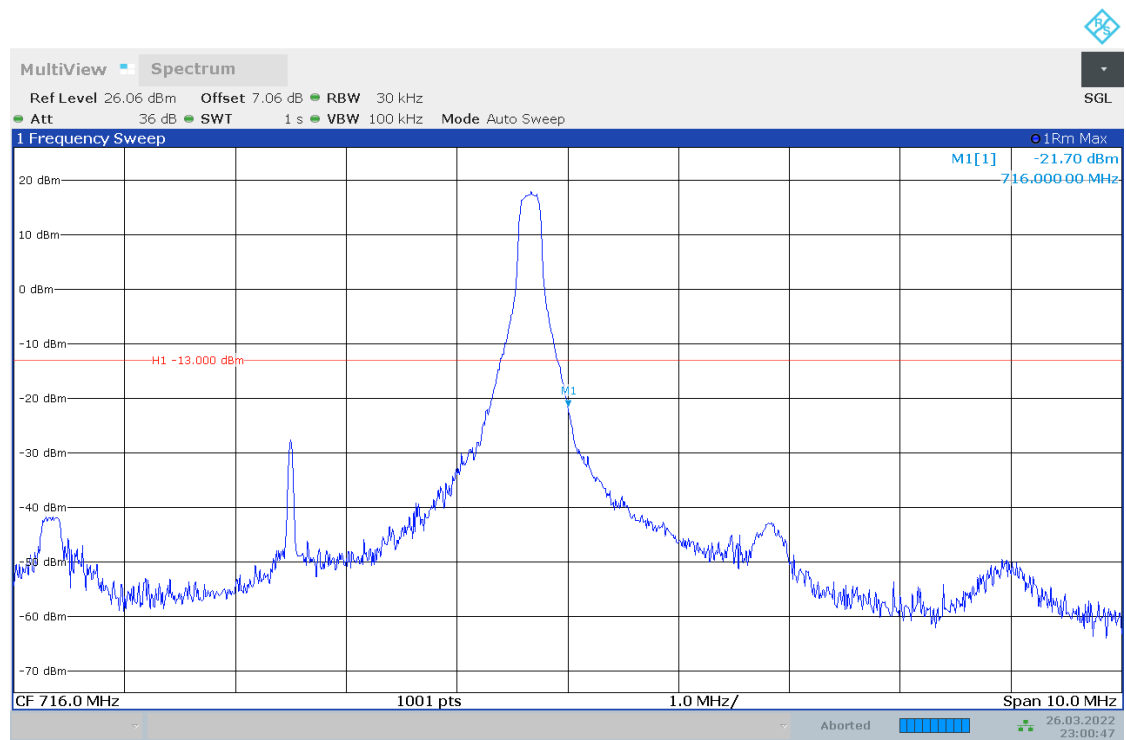
## 5.2.28 TM3\_5MHZ\_HCH\_RB25#0



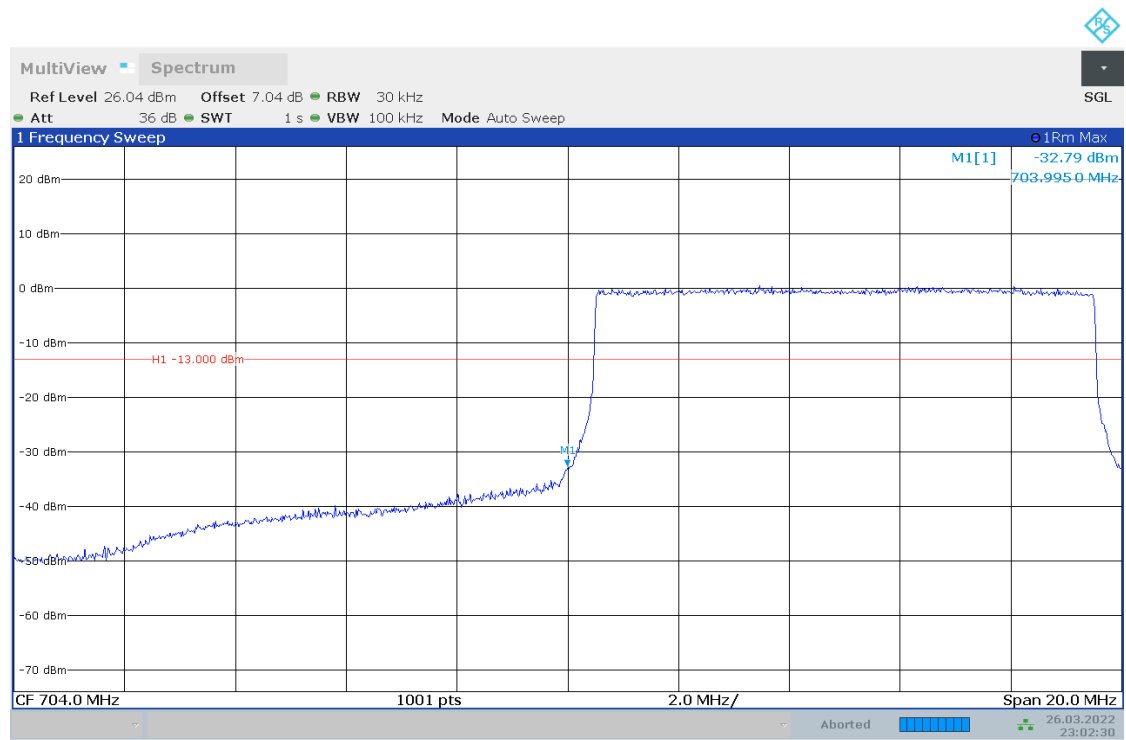
## 5.2.29 TM3\_5MHZ\_HCH\_RB1#0



## 5.2.30 TM3\_5MHZ\_HCH\_RB1#24

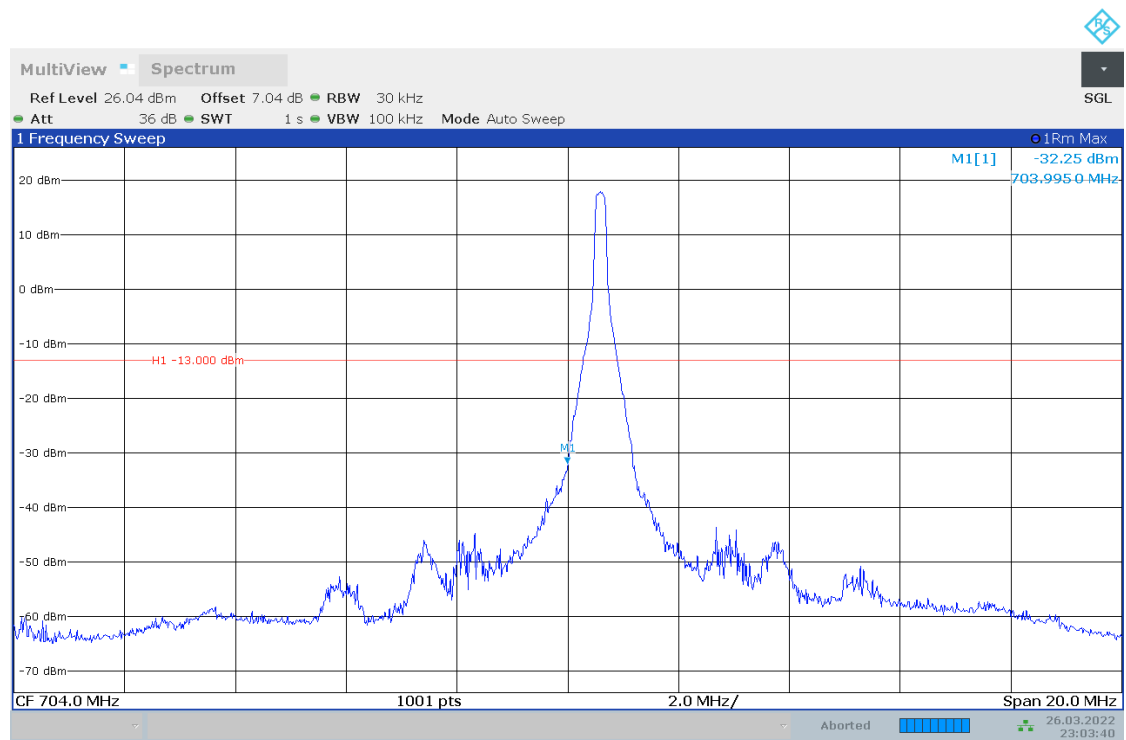


## 5.2.31 TM3\_10MHZ\_LCH\_RB50#0



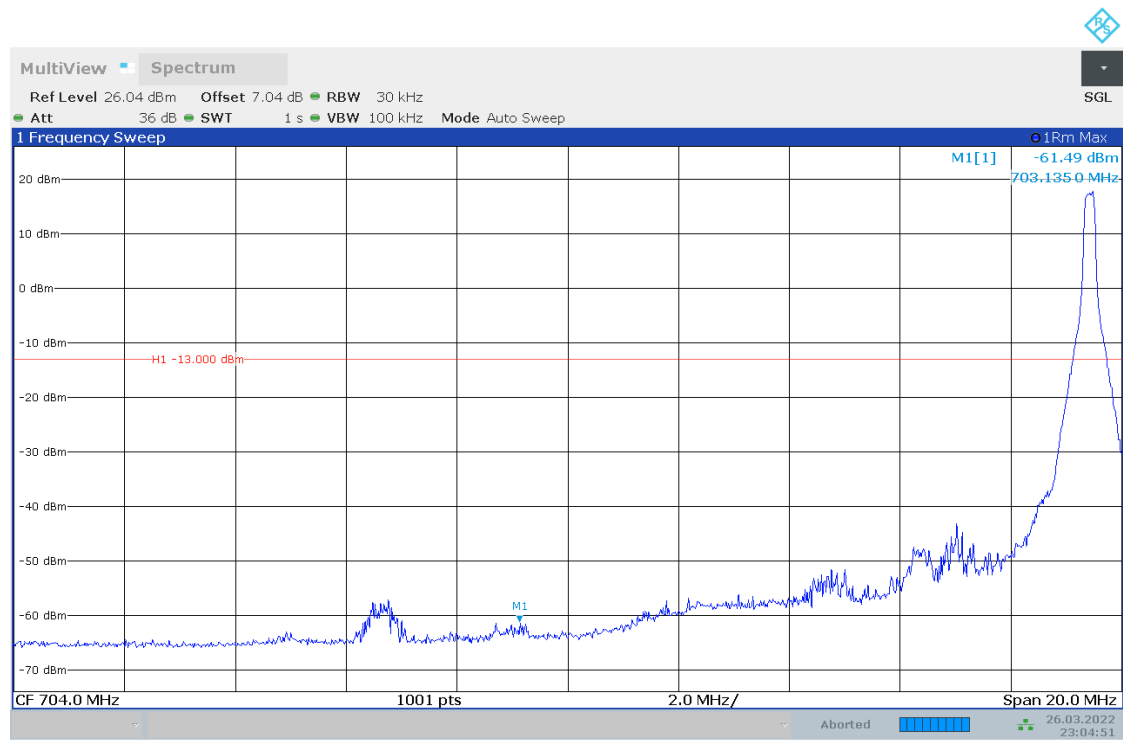
23:02:30 26.03.2022

## 5.2.32 TM3\_10MHZ\_LCH\_RB1#0

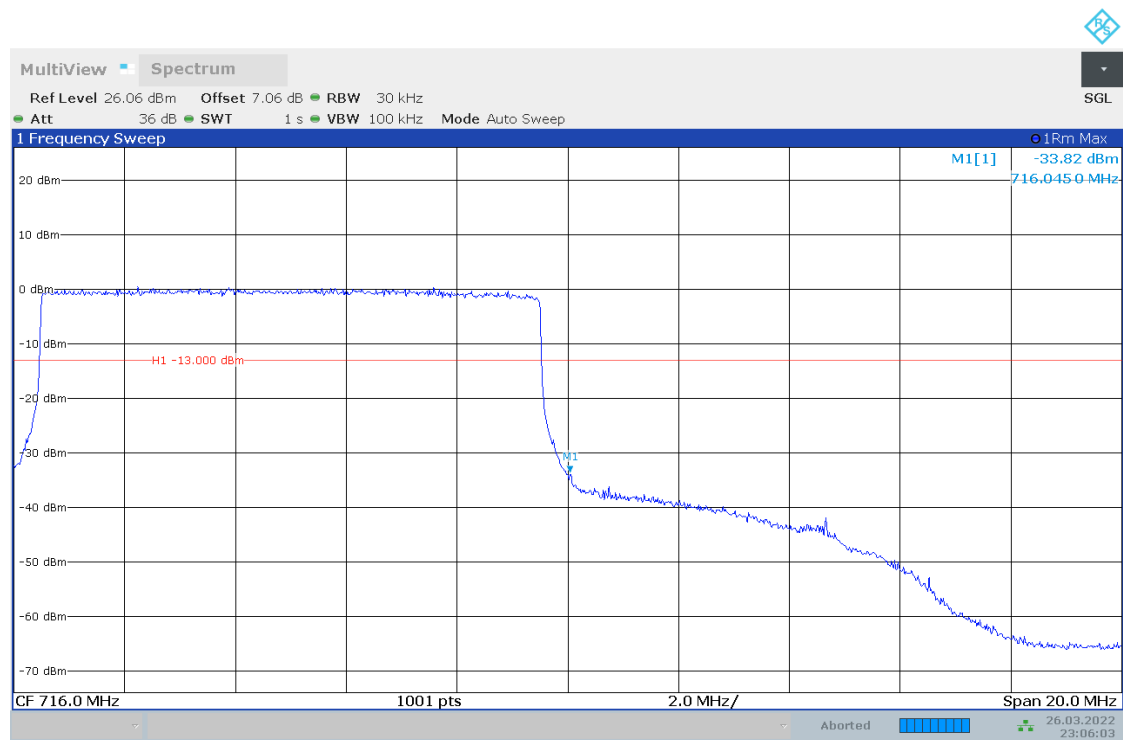


23:03:41 26.03.2022

## 5.2.33 TM3\_10MHZ\_LCH\_RB1#49



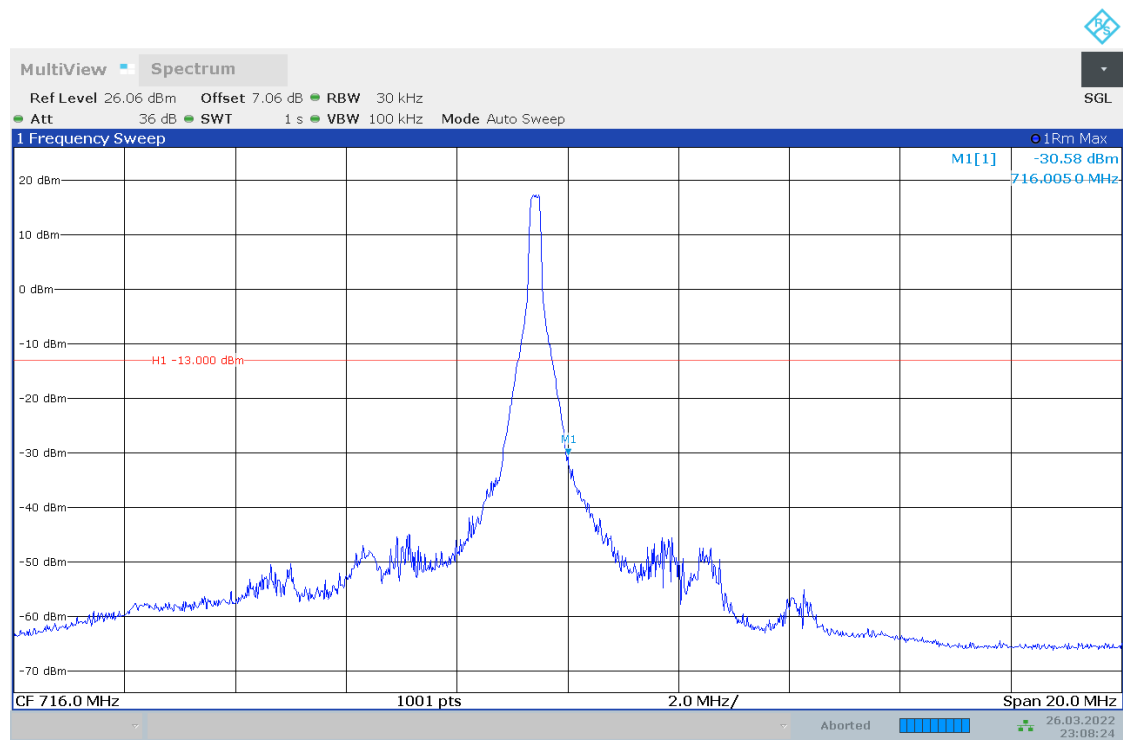
## 5.2.34 TM3\_10MHZ\_HCH\_RB50#0



## 5.2.35 TM3\_10MHZ\_HCH\_RB1#0



## 5.2.36 TM3\_10MHZ\_HCH\_RB1#49



## 6. APPENDIX F - SPURIOUS EMISSION AT ANTENNA TERMINAL

### 6.1 TEST RESULTS

| Spurious Emission at Antenna Terminal |                      |              |         |            |                 |             |             |         |
|---------------------------------------|----------------------|--------------|---------|------------|-----------------|-------------|-------------|---------|
| Test Mode                             | Test Bandwidth [MHz] | Test Channel | Test RB | Modulation | Frequency [MHz] | Power [dBm] | Limit [dBm] | Verdict |
| TM1                                   | 5                    | LCH          | RB1#0   | QPSK       | 0.01            | -83.65      | -33         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 24.65           | -78.68      | -23         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 699.09          | -44.97      | -13         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 0.01            | -84.48      | -33         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 0.15            | -78.83      | -23         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 700.09          | -28.36      | -13         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 0.01            | -84.44      | -33         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 29.3            | -78.76      | -23         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 738.48          | -48.43      | -13         | PASS    |
|                                       |                      | MCH          | RB1#0   | QPSK       | 0.01            | -84.62      | -33         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 23.59           | -78.11      | -23         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 699.09          | -33.13      | -13         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 0.01            | -83.84      | -33         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 0.15            | -78.56      | -23         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 716.29          | -40.70      | -13         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 0.01            | -84.23      | -33         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 23.68           | -78.76      | -23         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 703.08          | -30.43      | -13         | PASS    |
|                                       |                      | HCH          | RB1#0   | QPSK       | 0.01            | -84.33      | -33         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 17.49           | -78.61      | -23         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 717.79          | -43.17      | -13         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 0.01            | -83.81      | -33         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 29.59           | -78.70      | -23         | PASS    |
|                                       |                      |              | RB1#24  | QPSK       | 720.28          | -35.93      | -13         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 0.01            | -84.02      | -33         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 27.68           | -78.29      | -23         | PASS    |
|                                       |                      |              | RB25#0  | QPSK       | 703.58          | -32.97      | -13         | PASS    |

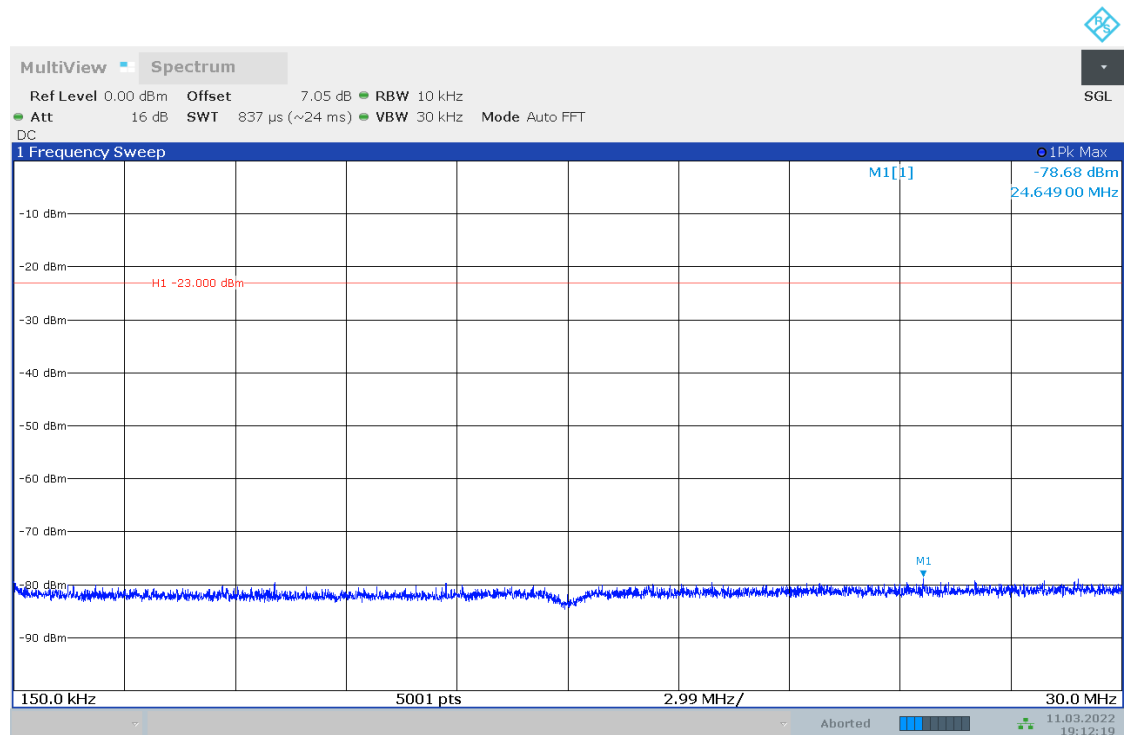
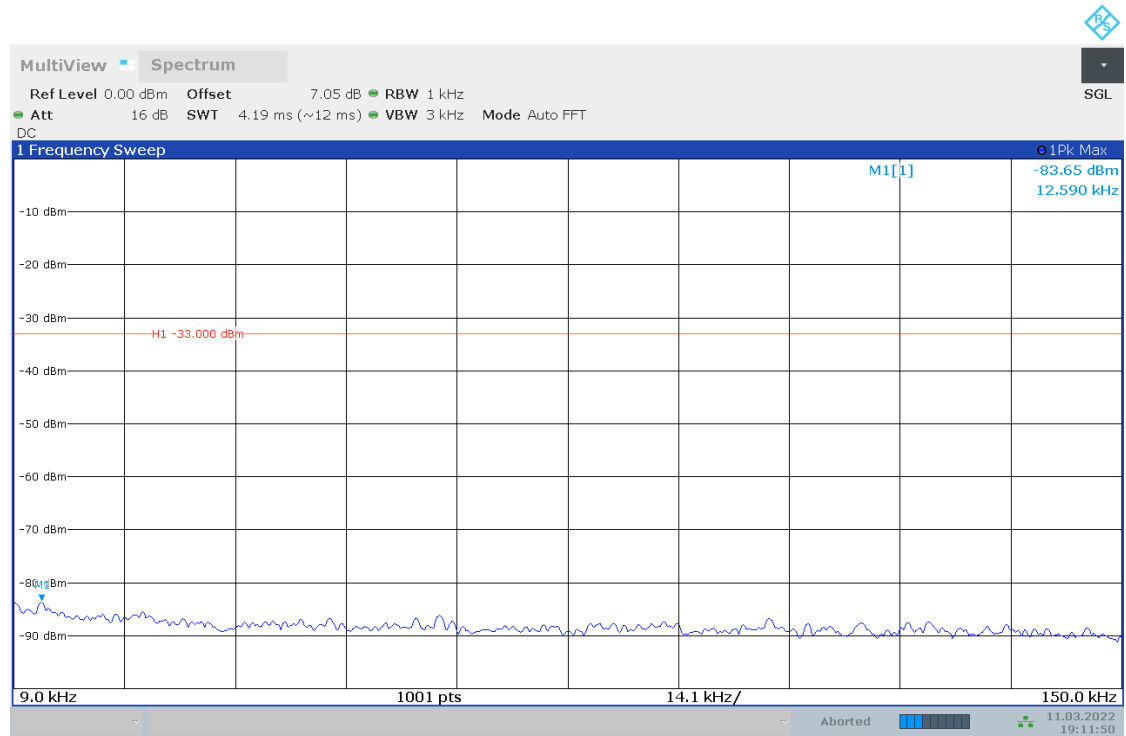
| Spurious Emission at Antenna Terminal |                      |              |         |            |                 |             |             |         |
|---------------------------------------|----------------------|--------------|---------|------------|-----------------|-------------|-------------|---------|
| Test Mode                             | Test Bandwidth [MHz] | Test Channel | Test RB | Modulation | Frequency [MHz] | Power [dBm] | Limit [dBm] | Verdict |
| TM1                                   | 10                   | LCH          | RB1#0   | QPSK       | 0.01            | -84.01      | -33         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 28.58           | -78.38      | -23         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 701.34          | -30.53      | -13         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 0.01            | -84.04      | -33         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 25.29           | -79.25      | -23         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 738.48          | -48.35      | -13         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 0.01            | -84.34      | -33         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 19.27           | -78.96      | -23         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 717.04          | -25.25      | -13         | PASS    |
|                                       |                      | MCH          | RB1#0   | QPSK       | 0.01            | -84.17      | -33         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 0.16            | -78.61      | -23         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 702.58          | -34.82      | -13         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 0.01            | -84.02      | -33         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 29.01           | -78.16      | -23         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 701.59          | -41.65      | -13         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 0.01            | -83.86      | -33         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 17.45           | -78.35      | -23         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 716.79          | -23.39      | -13         | PASS    |
|                                       |                      | HCH          | RB1#0   | QPSK       | 0.01            | -84.23      | -33         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 0.15            | -78.40      | -23         | PASS    |
|                                       |                      |              | RB1#0   | QPSK       | 703.33          | -33.61      | -13         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 0.01            | -84.13      | -33         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 25.24           | -78.35      | -23         | PASS    |
|                                       |                      |              | RB1#49  | QPSK       | 718.54          | -28.89      | -13         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 0.01            | -83.37      | -33         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 25.84           | -78.27      | -23         | PASS    |
|                                       |                      |              | RB50#0  | QPSK       | 703.58          | -23.79      | -13         | PASS    |

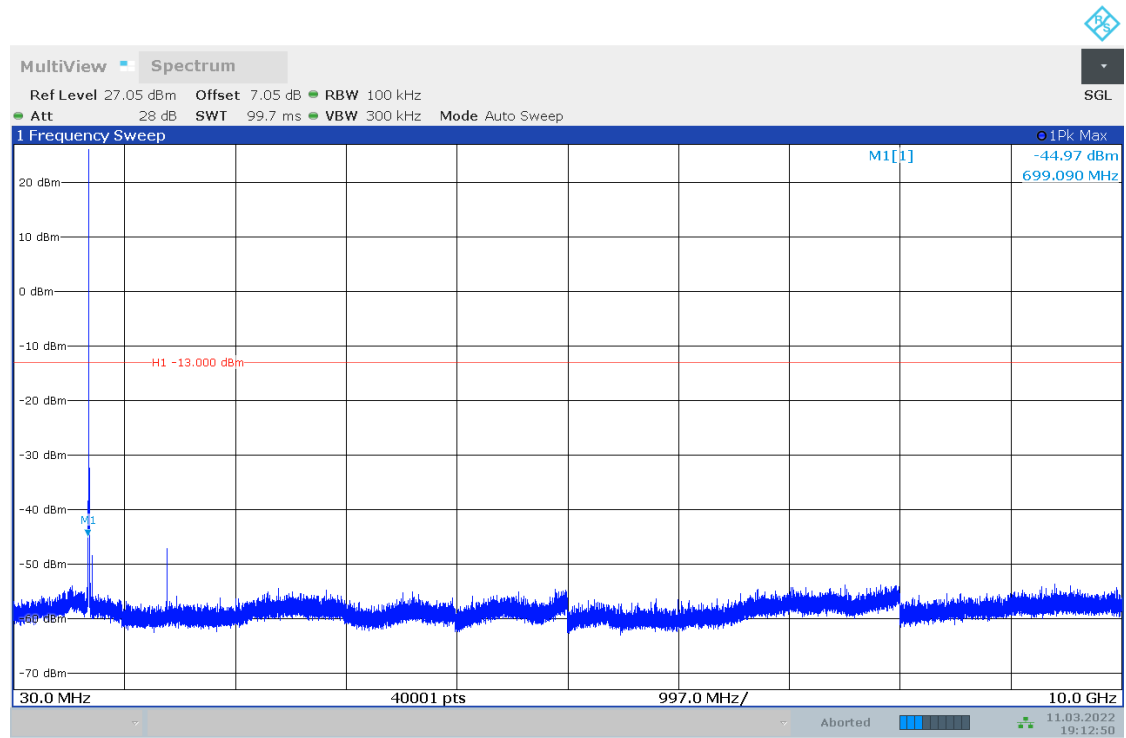
| Spurious Emission at Antenna Terminal |                      |              |         |            |                 |             |             |         |
|---------------------------------------|----------------------|--------------|---------|------------|-----------------|-------------|-------------|---------|
| Test Mode                             | Test Bandwidth [MHz] | Test Channel | Test RB | Modulation | Frequency [MHz] | Power [dBm] | Limit [dBm] | Verdict |
| TM2                                   | 5                    | LCH          | RB1#0   | 16QAM      | 0.01            | -84.14      | -33         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 18.97           | -79.07      | -23         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 700.09          | -35.76      | -13         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 0.01            | -84.07      | -33         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 0.15            | -77.96      | -23         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 699.84          | -28.37      | -13         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 0.01            | -85.01      | -33         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 25.31           | -78.89      | -23         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 737.48          | -48.12      | -13         | PASS    |
|                                       |                      | MCH          | RB1#0   | 16QAM      | 0.01            | -83.82      | -33         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 0.16            | -78.42      | -23         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 718.54          | -35.24      | -13         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 0.01            | -84.13      | -33         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 0.16            | -78.80      | -23         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 703.58          | -28.28      | -13         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 0.02            | -84.32      | -33         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 25.21           | -78.59      | -23         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 737.98          | -48.45      | -13         | PASS    |
|                                       |                      | HCH          | RB1#0   | 16QAM      | 0.01            | -83.93      | -33         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 27.25           | -79.13      | -23         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 702.58          | -24.81      | -13         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 0.01            | -83.87      | -33         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 24.31           | -79.07      | -23         | PASS    |
|                                       |                      |              | RB1#24  | 16QAM      | 720.03          | -35.34      | -13         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 0.01            | -84.27      | -33         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 28.01           | -79.16      | -23         | PASS    |
|                                       |                      |              | RB25#0  | 16QAM      | 703.58          | -33.39      | -13         | PASS    |

| Spurious Emission at Antenna Terminal |                      |              |         |            |                 |             |             |         |
|---------------------------------------|----------------------|--------------|---------|------------|-----------------|-------------|-------------|---------|
| Test Mode                             | Test Bandwidth [MHz] | Test Channel | Test RB | Modulation | Frequency [MHz] | Power [dBm] | Limit [dBm] | Verdict |
| TM2                                   | 10                   | LCH          | RB1#0   | 16QAM      | 0.01            | -83.90      | -33         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 23.75           | -78.87      | -23         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 701.59          | -26.82      | -13         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 0.01            | -83.61      | -33         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 17.87           | -78.53      | -23         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 716.29          | -31.49      | -13         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 0.01            | -83.92      | -33         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 29.84           | -78.81      | -23         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 740.22          | -48.10      | -13         | PASS    |
|                                       |                      | MCH          | RB1#0   | 16QAM      | 0.01            | -83.87      | -33         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 26.09           | -78.41      | -23         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 702.34          | -29.45      | -13         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 0.01            | -83.54      | -33         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 27.29           | -78.17      | -23         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 719.03          | -37.80      | -13         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 0.01            | -84.02      | -33         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 29.08           | -78.30      | -23         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 716.54          | -21.41      | -13         | PASS    |
|                                       |                      | HCH          | RB1#0   | 16QAM      | 0.01            | -84.29      | -33         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 27.38           | -78.40      | -23         | PASS    |
|                                       |                      |              | RB1#0   | 16QAM      | 703.33          | -23.01      | -13         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 0.01            | -83.72      | -33         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 28.13           | -78.65      | -23         | PASS    |
|                                       |                      |              | RB1#49  | 16QAM      | 718.54          | -26.18      | -13         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 0.01            | -83.96      | -33         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 28.18           | -78.42      | -23         | PASS    |
|                                       |                      |              | RB50#0  | 16QAM      | 737.73          | -48.26      | -13         | PASS    |

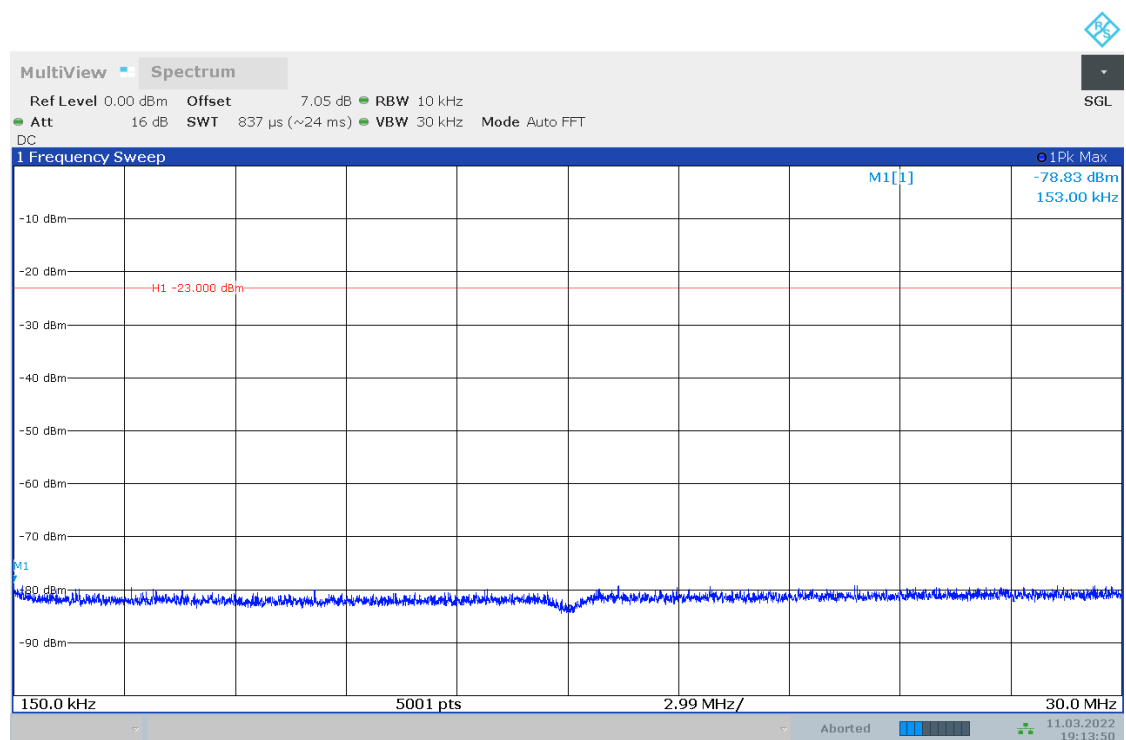
## 6.2 TEST PLOTS

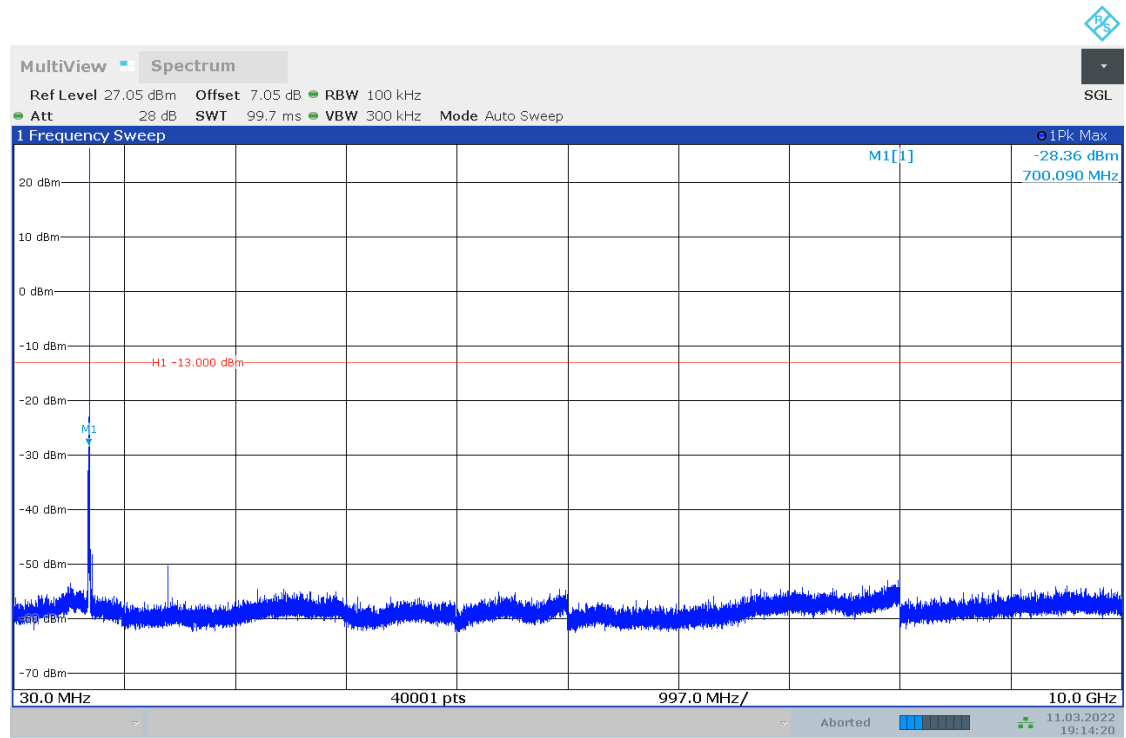
### 6.2.1 TM1\_5MHZ\_LCH\_RB1#0





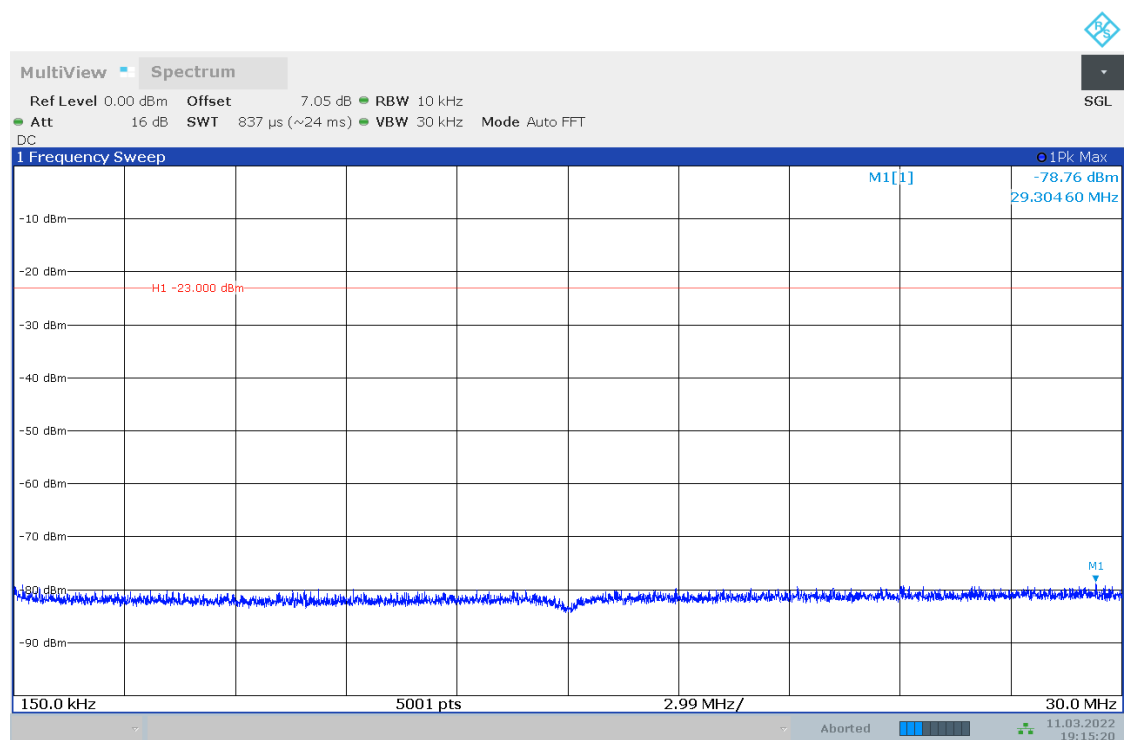
## 6.2.2 TM1\_5MHZ\_LCH\_RB1#24

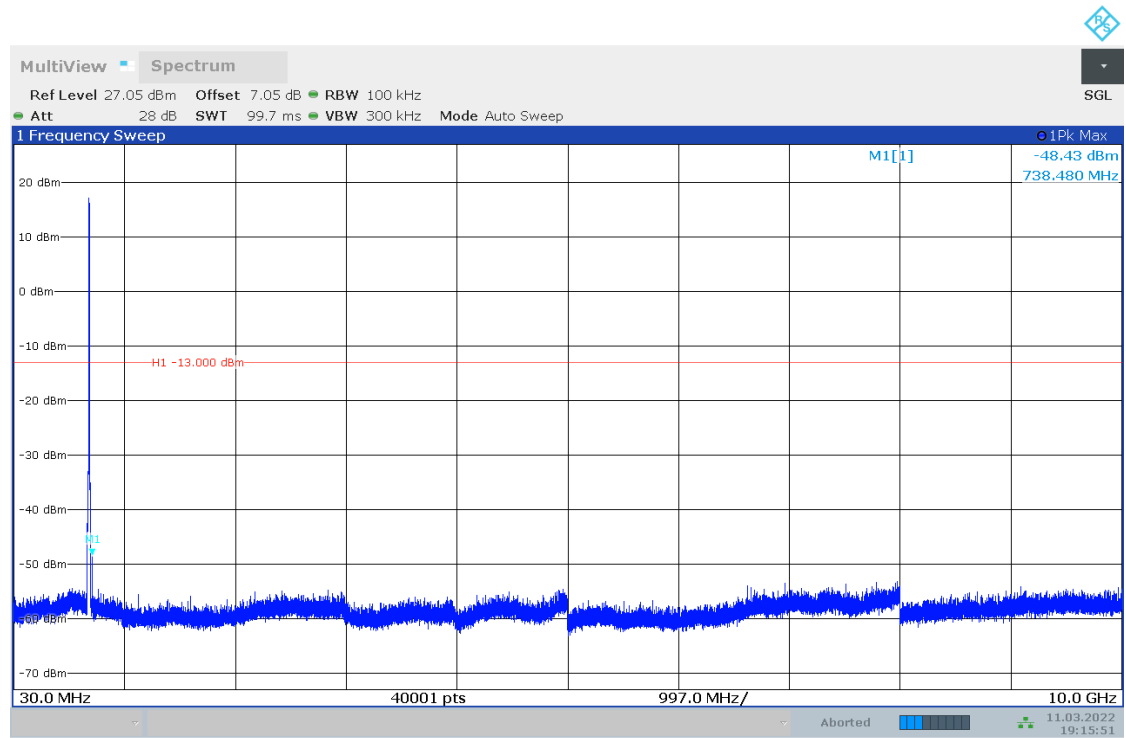




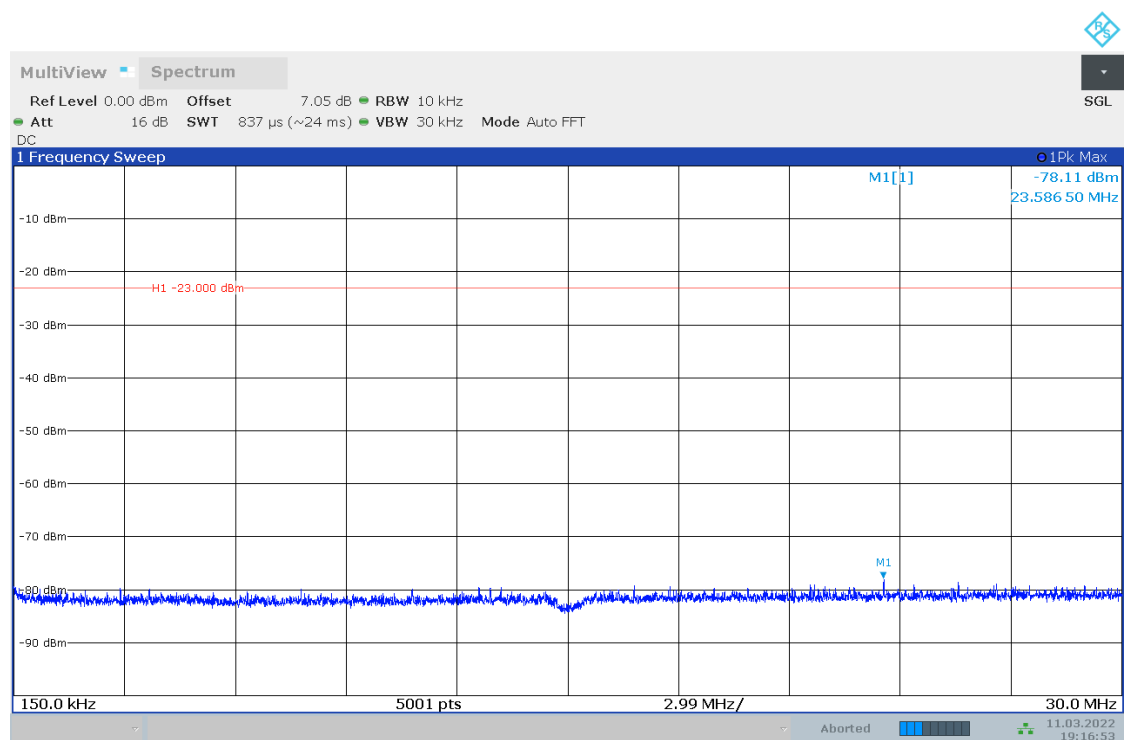
19:14:21 11.03.2022

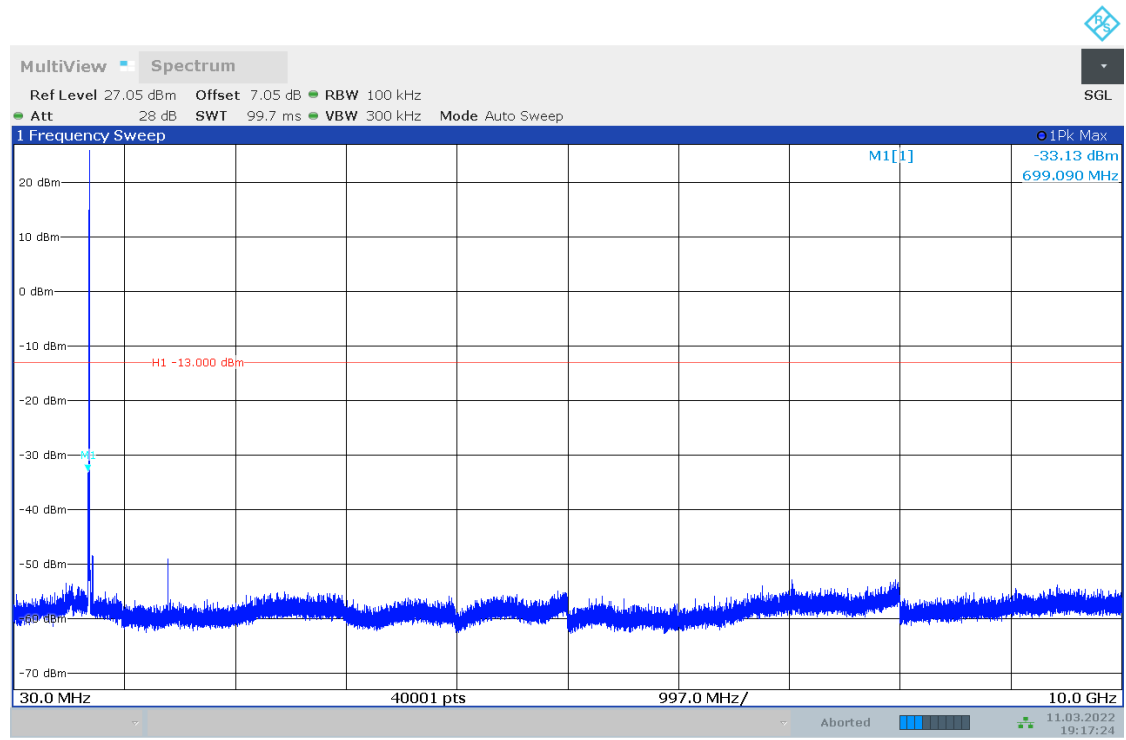
## 6.2.3 TM1\_5MHZ\_LCH\_RB25#0



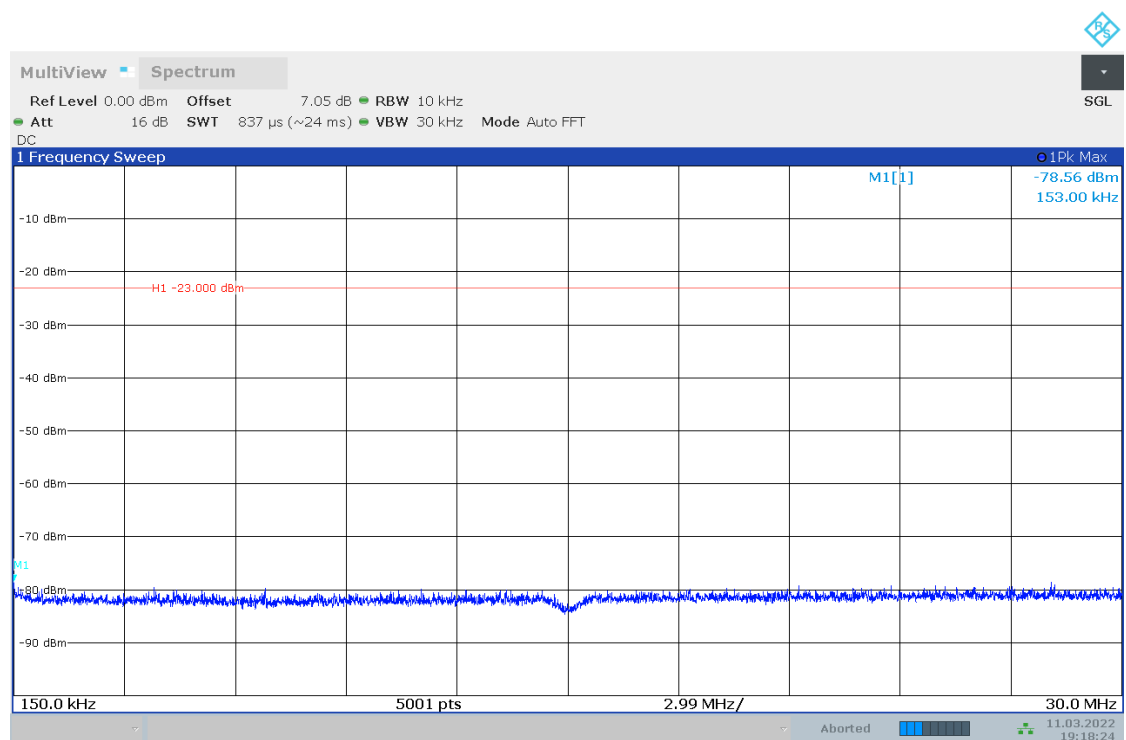


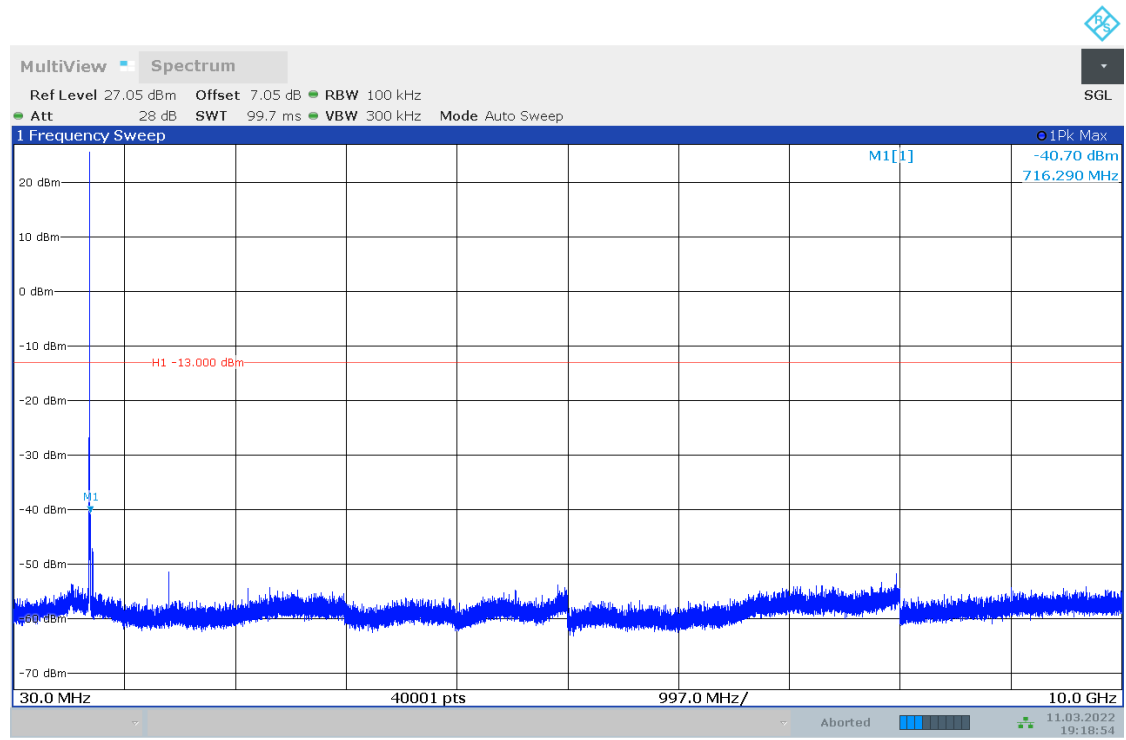
## 6.2.4 TM1\_5MHZ\_MCH\_RB1#0





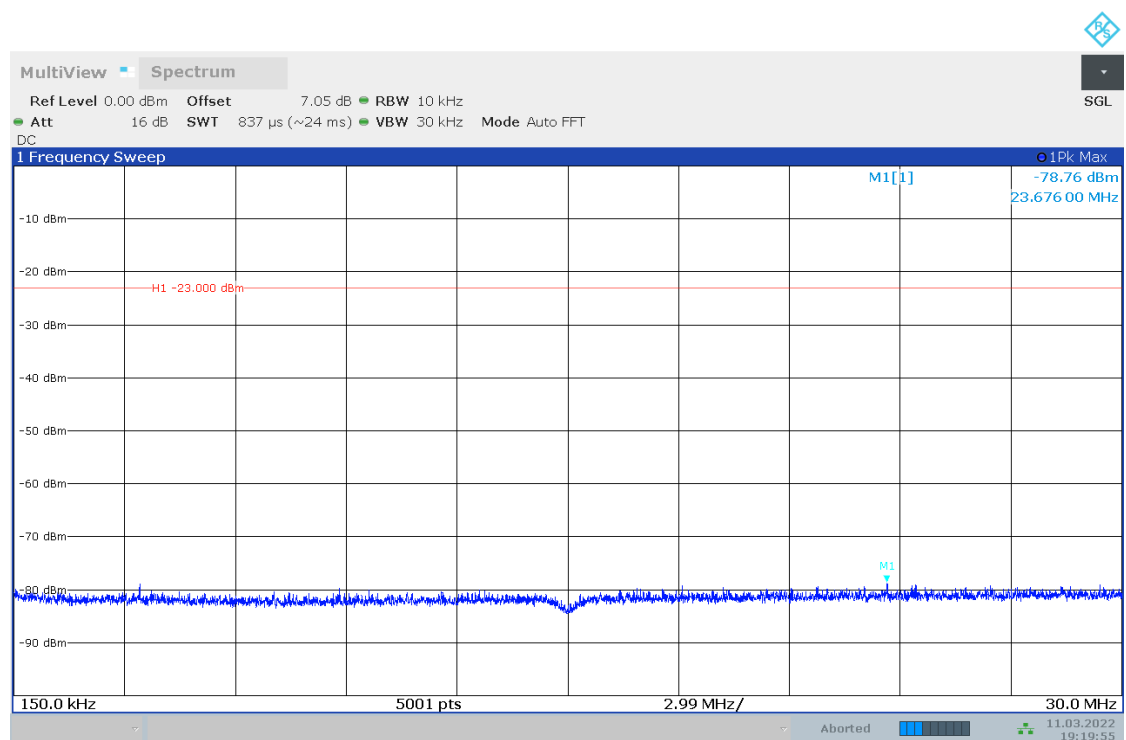
## 6.2.5 TM1\_5MHZ\_MCH\_RB1#24

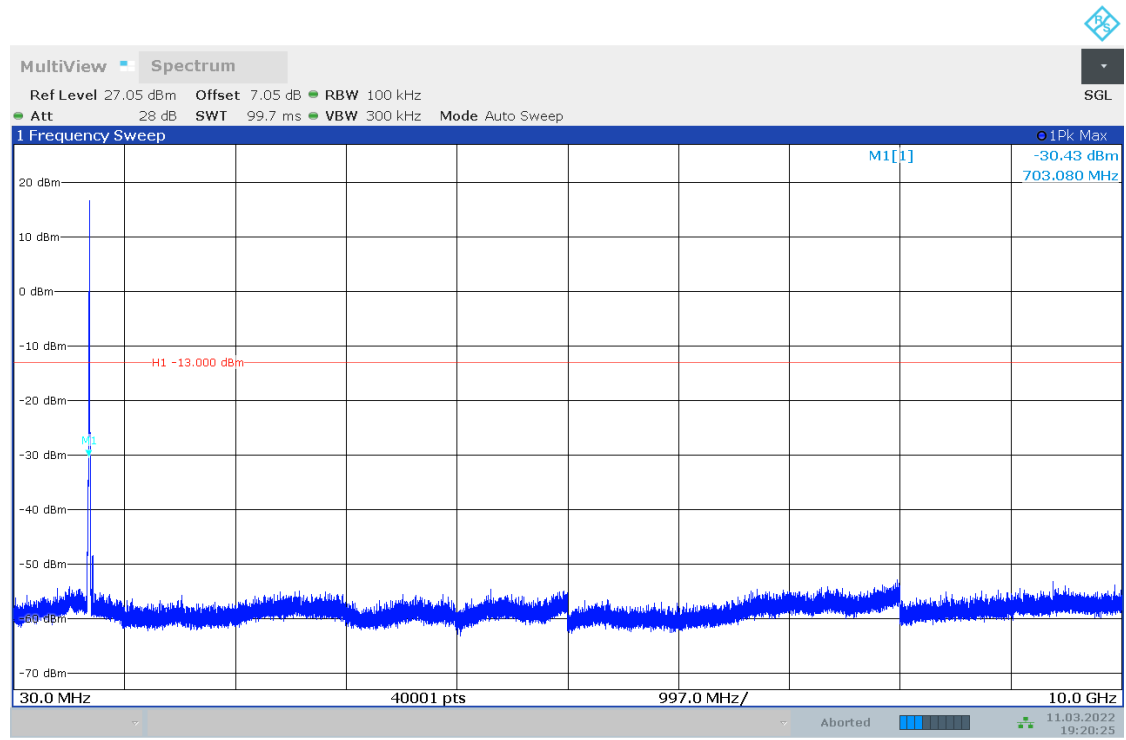




19:18:55 11.03.2022

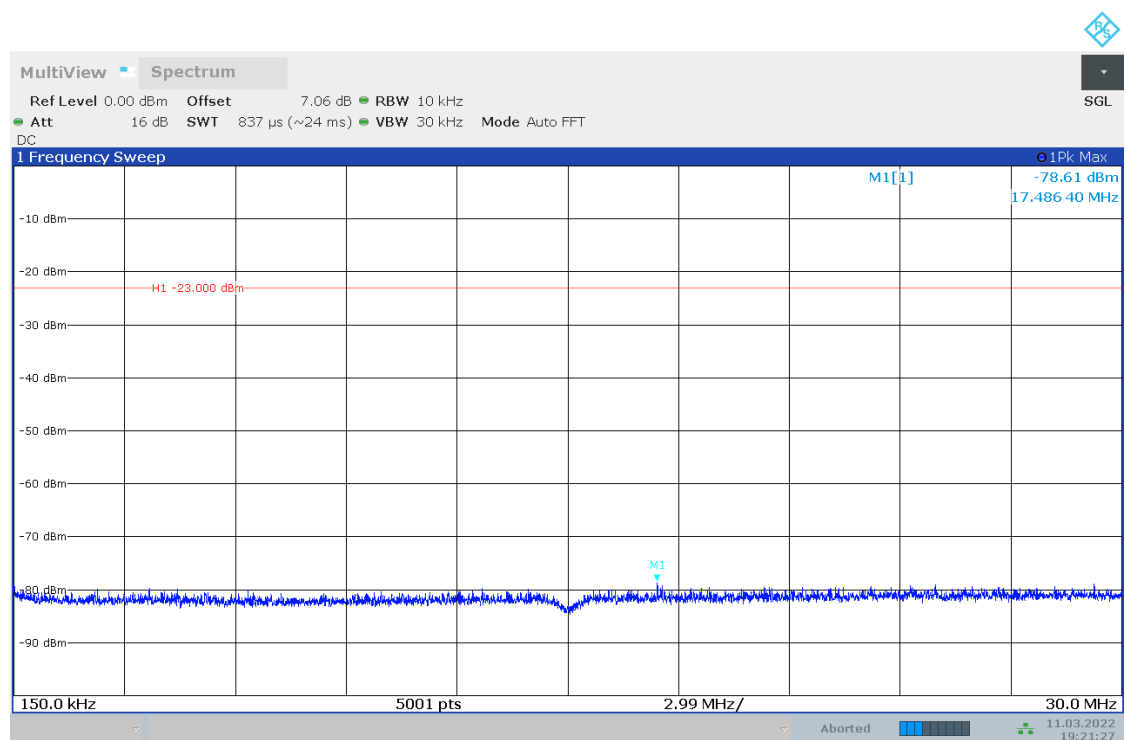
## 6.2.6 TM1\_5MHZ\_MCH\_RB25#0

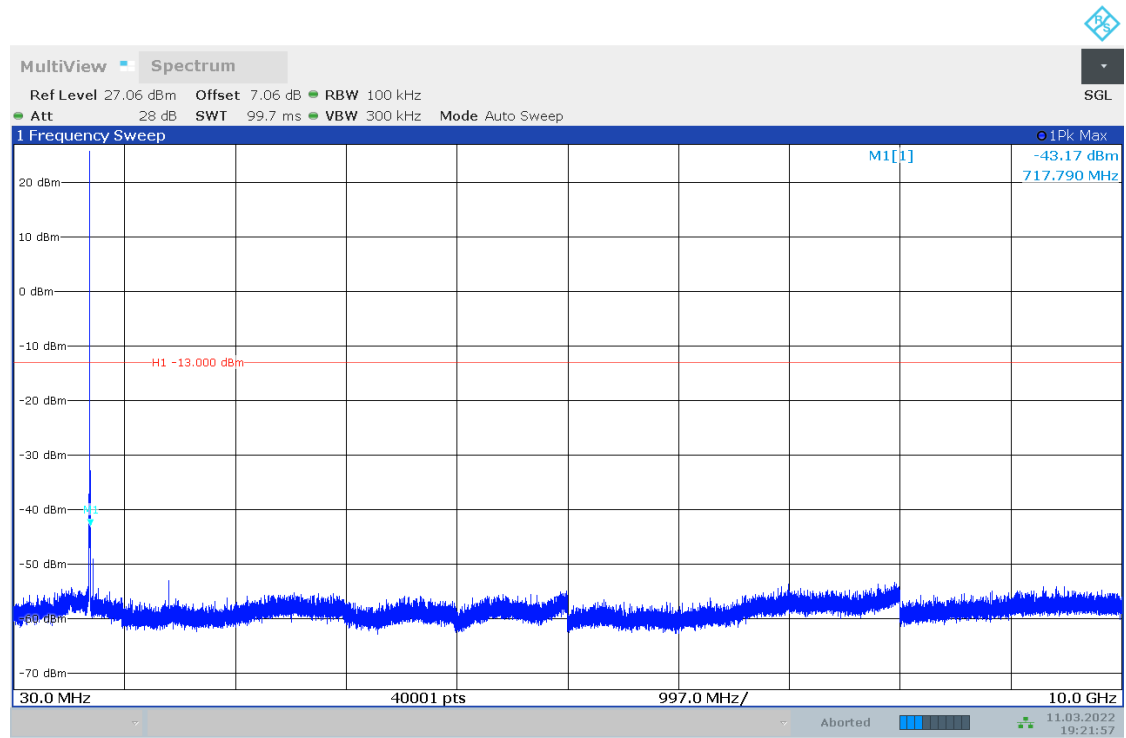




19:20:25 11.03.2022

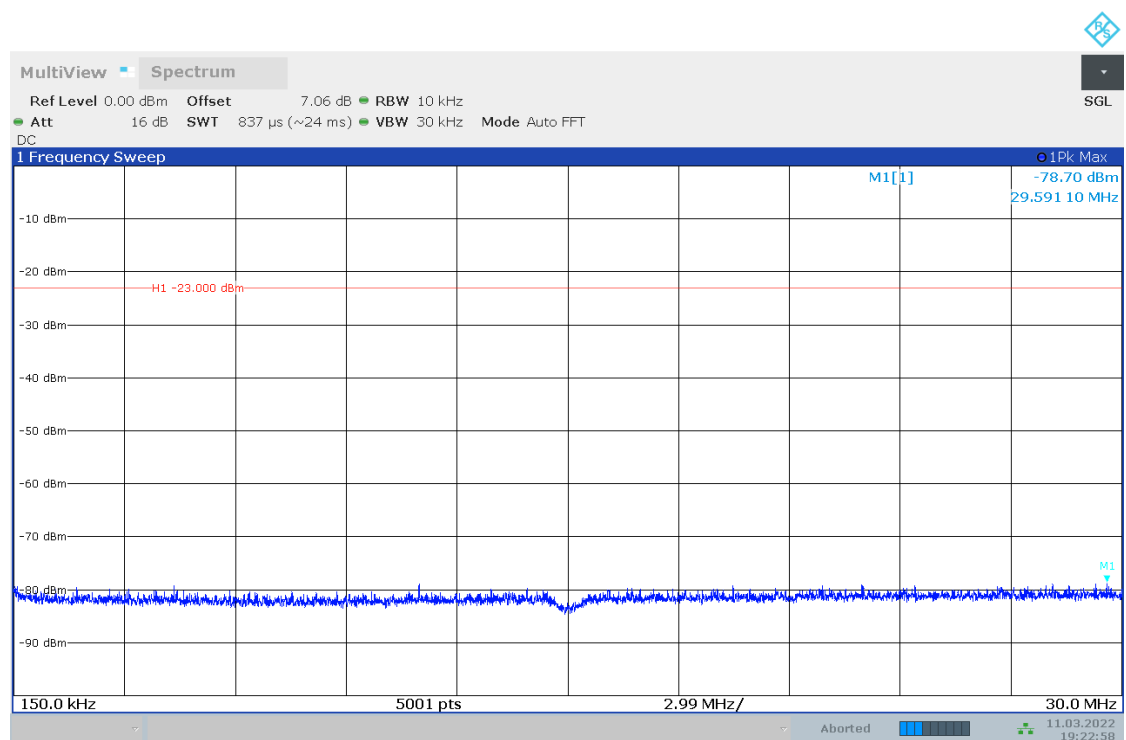
## 6.2.7 TM1\_5MHZ\_HCH\_RB1#0

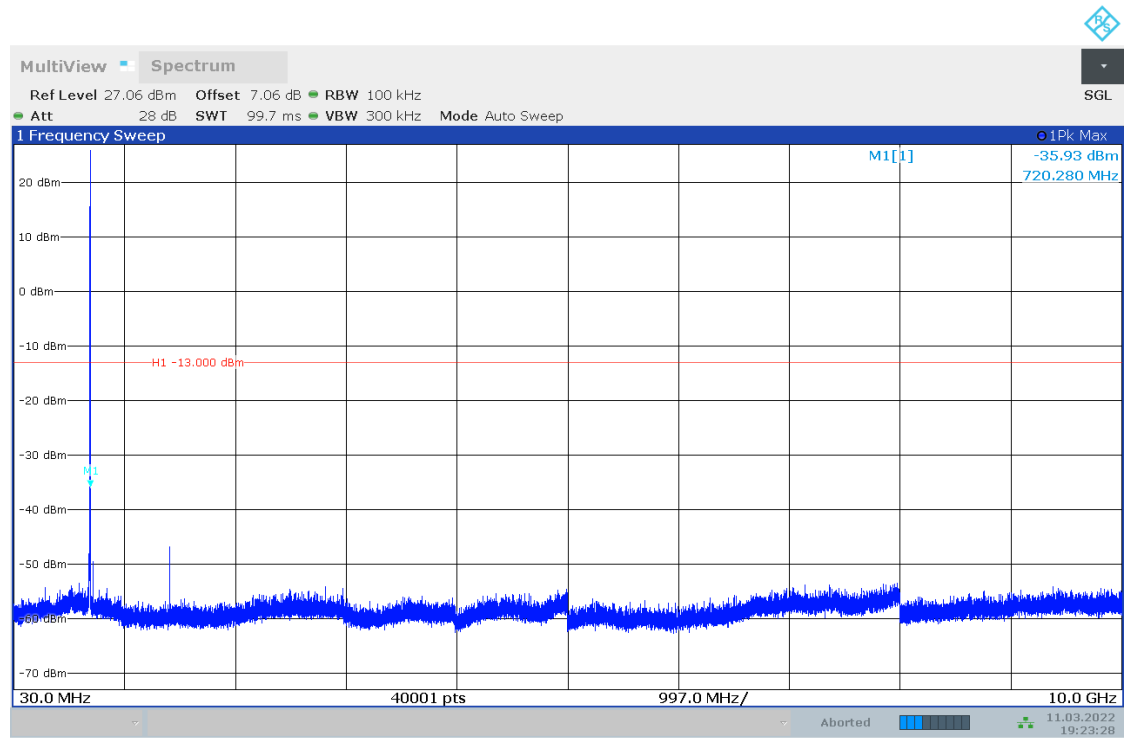




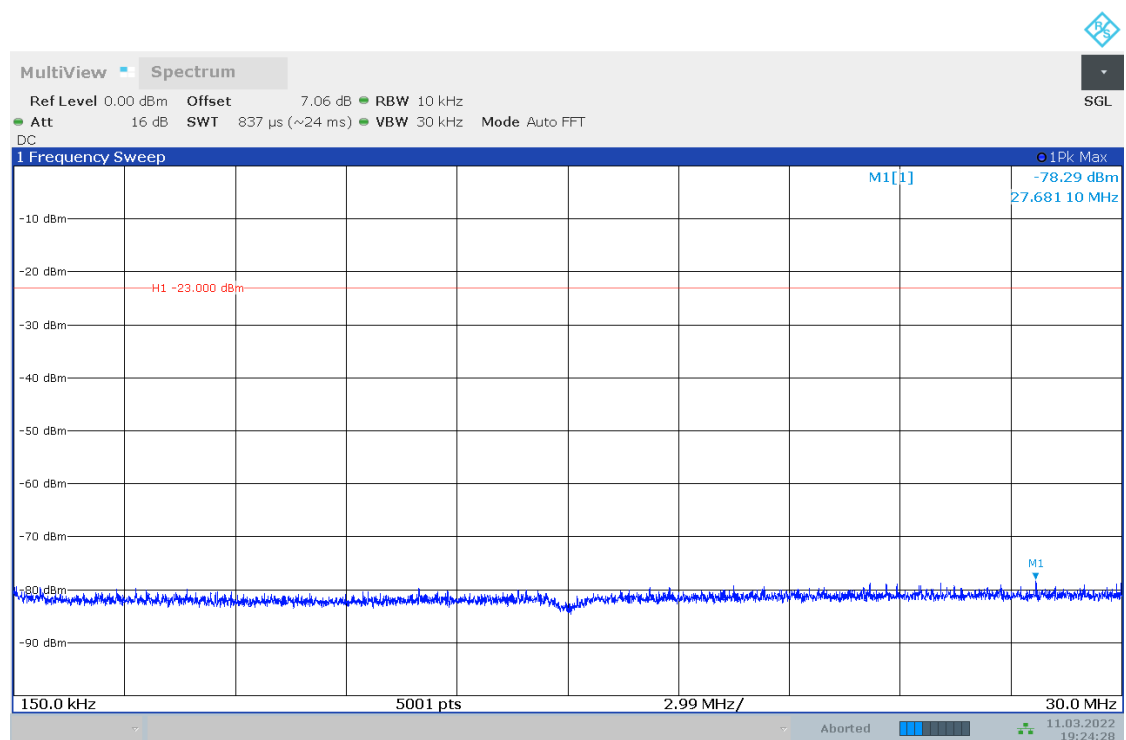
19:21:58 11.03.2022

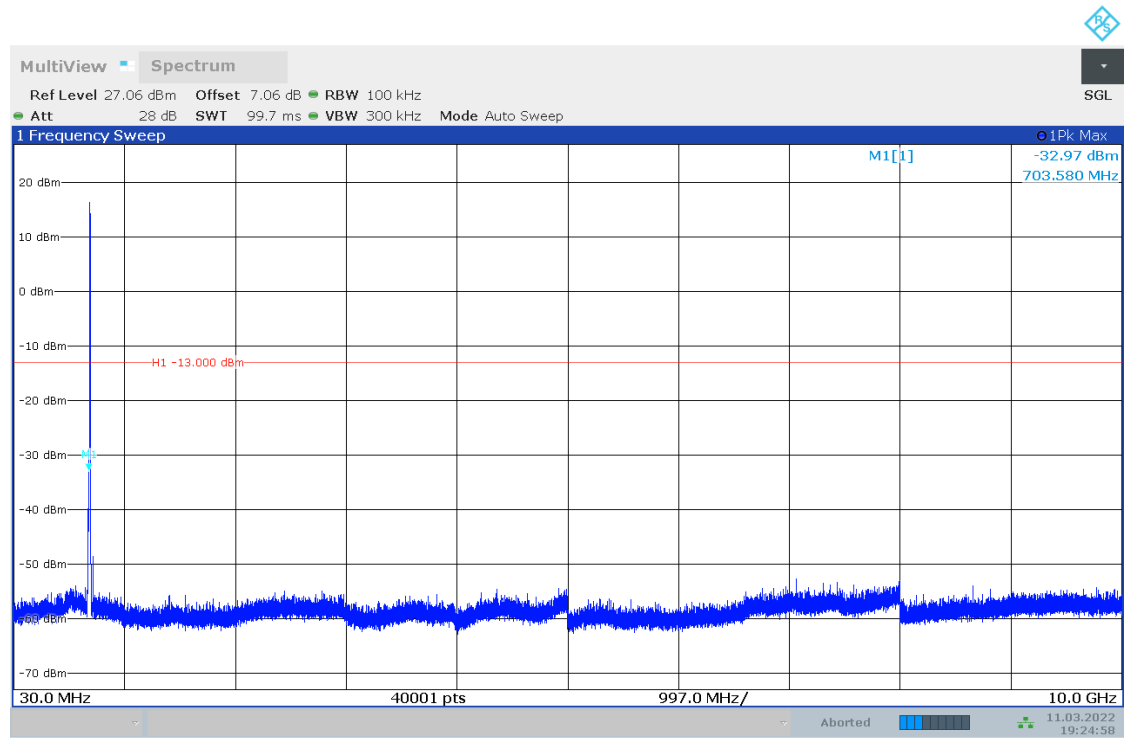
## 6.2.8 TM1\_5MHZ\_HCH\_RB1#24





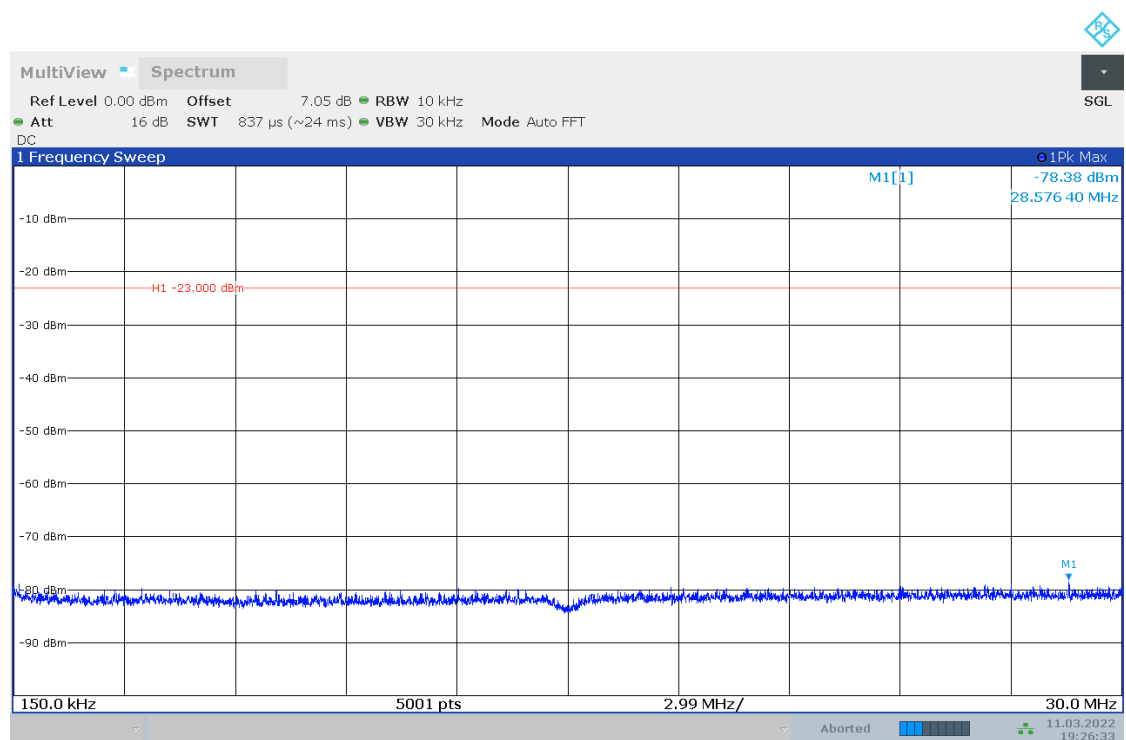
## 6.2.9 TM1\_5MHZ\_HCH\_RB25#0

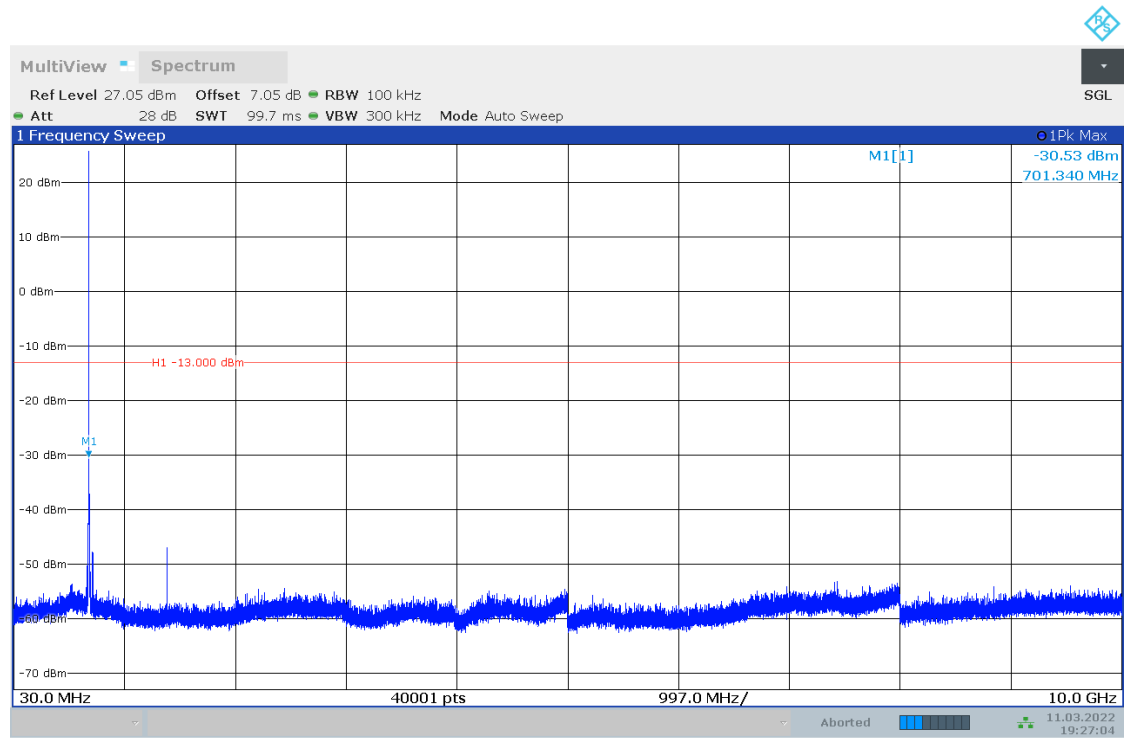




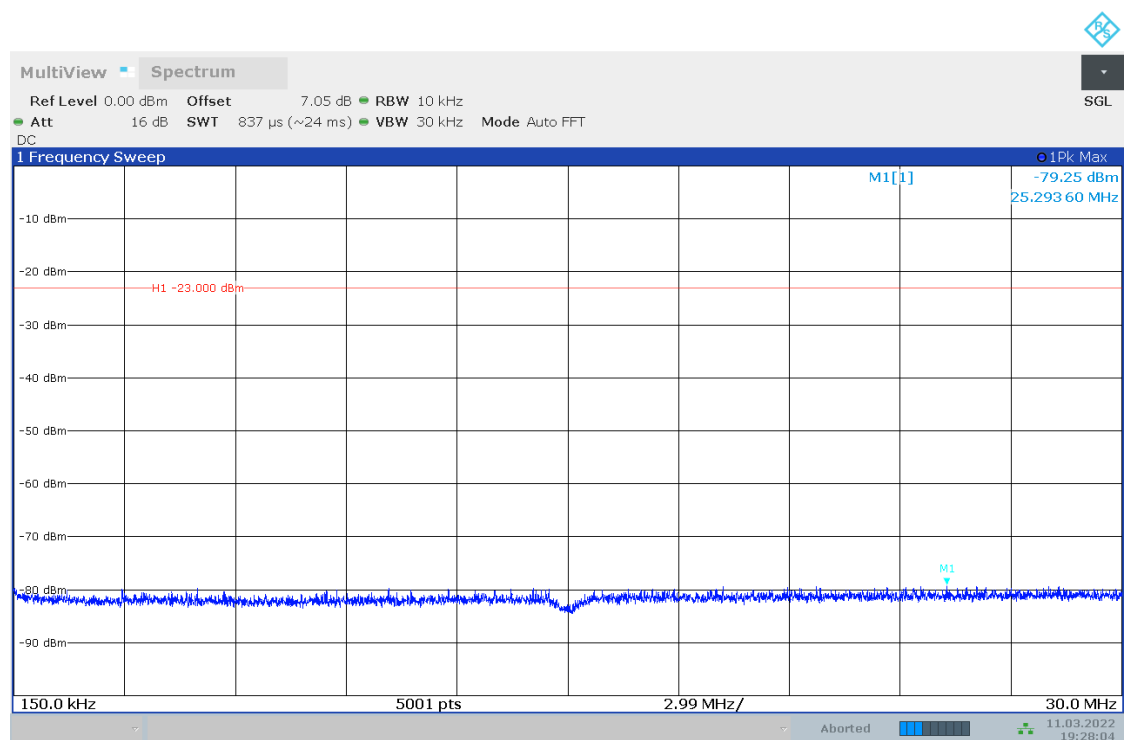
19:24:59 11.03.2022

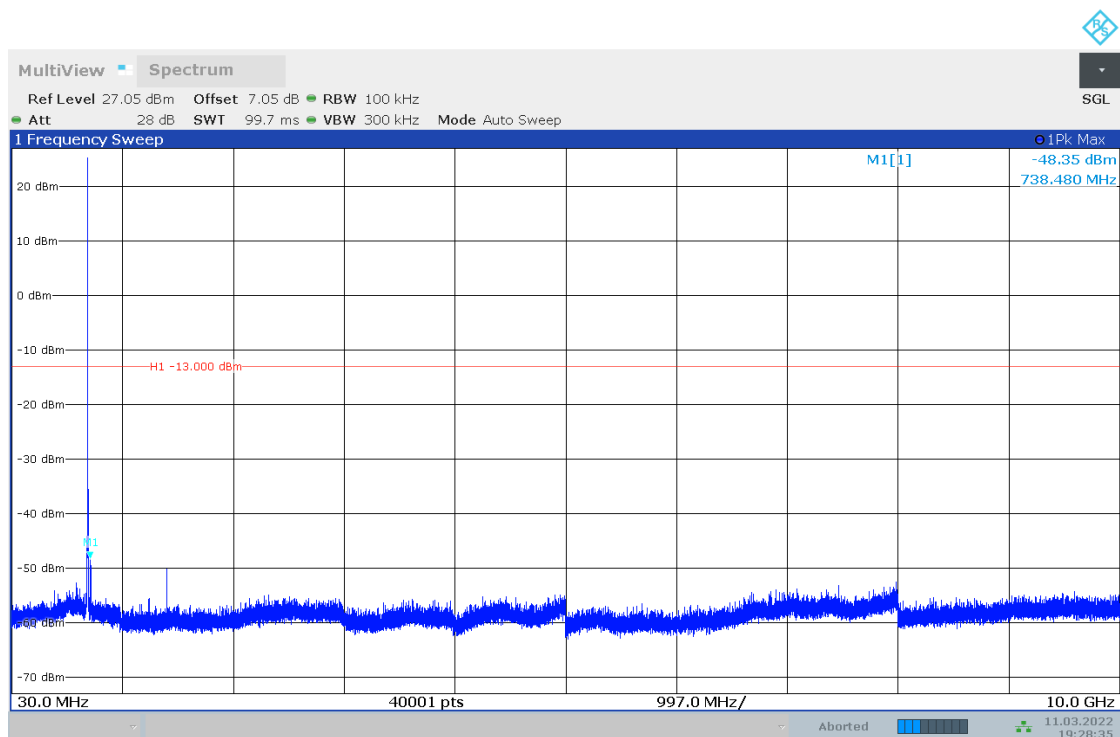
## 6.2.10 TM1\_10MHZ\_LCH\_RB1#0



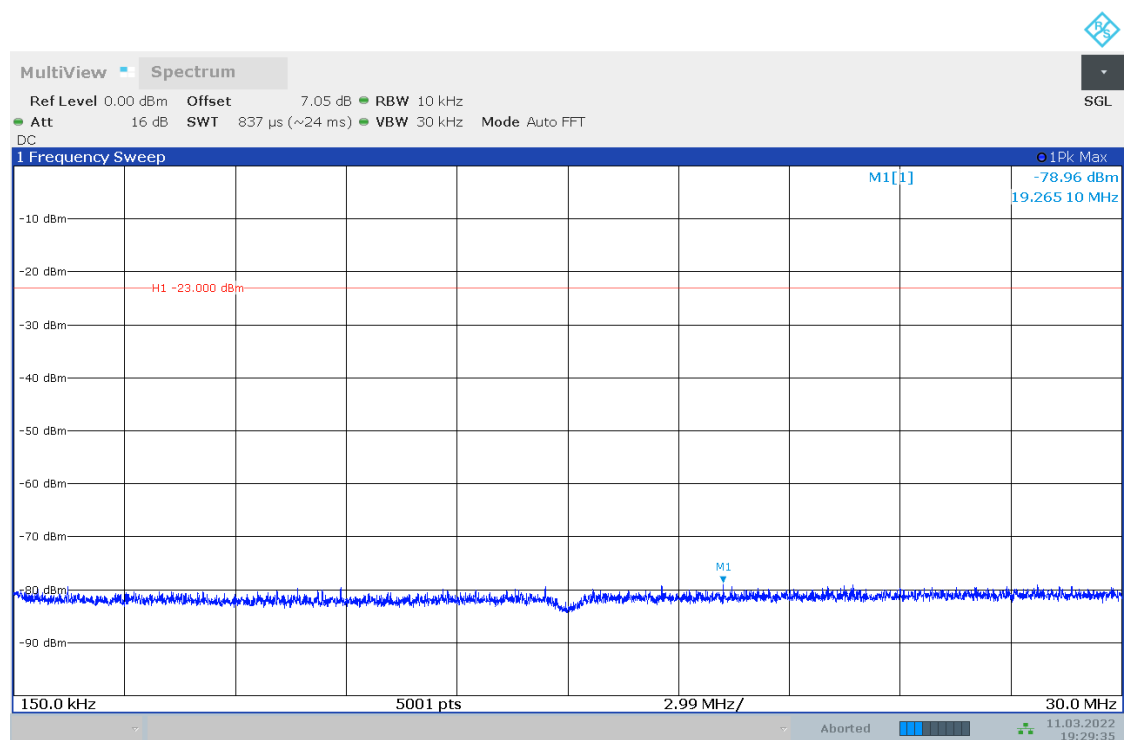


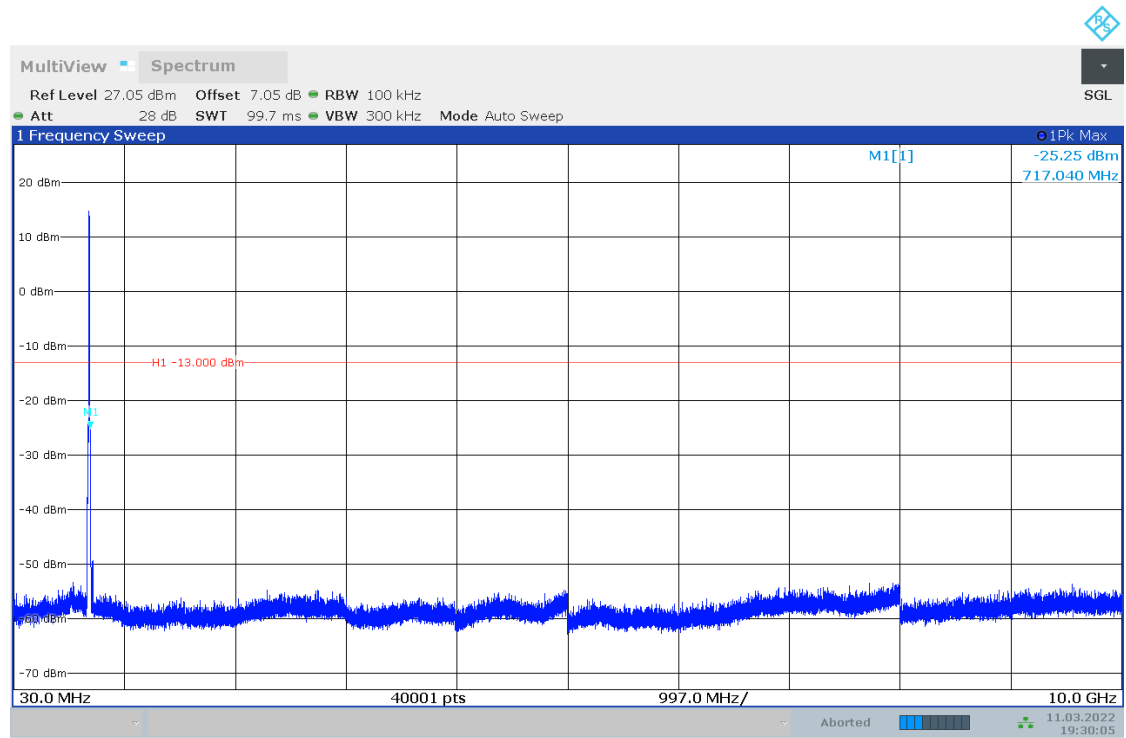
## 6.2.11 TM1\_10MHZ\_LCH\_RB1#49





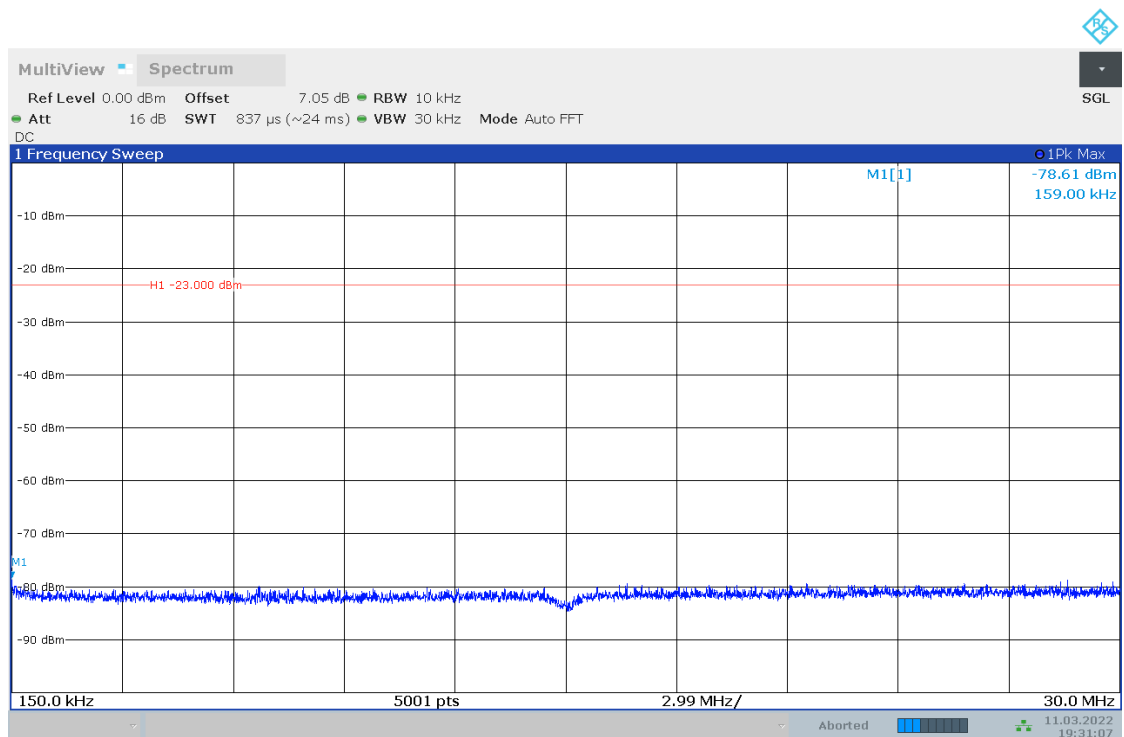
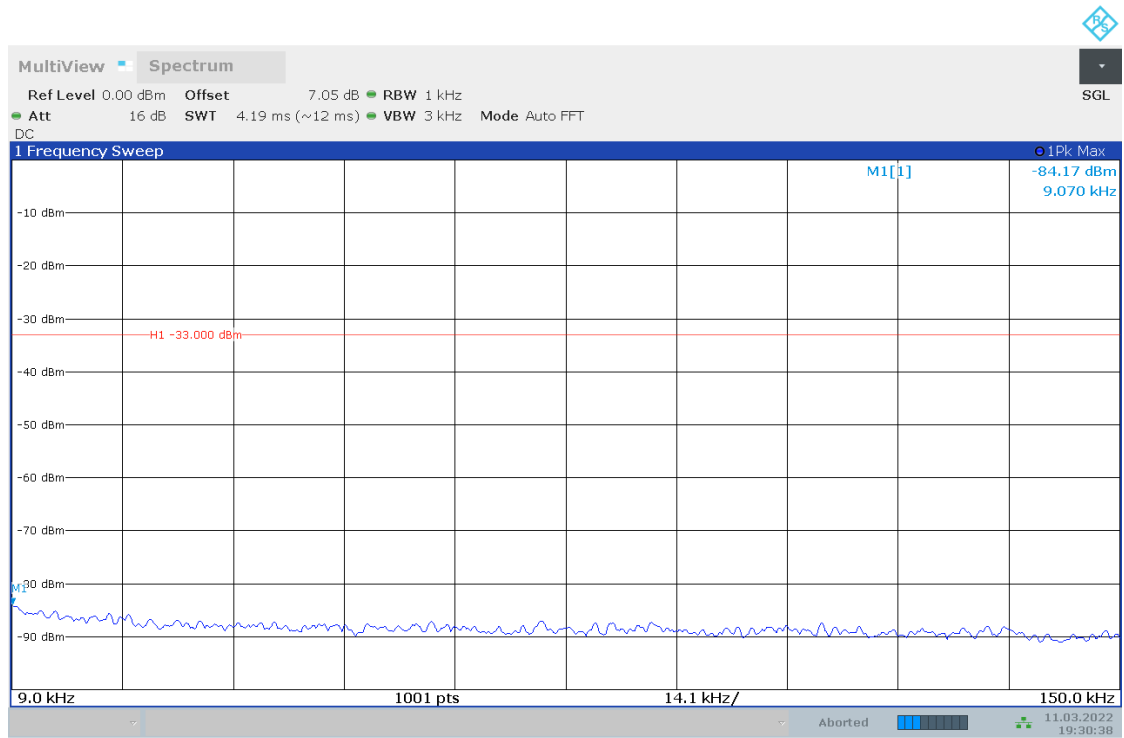
## 6.2.12 TM1\_10MHZ\_LCH\_RB50#0

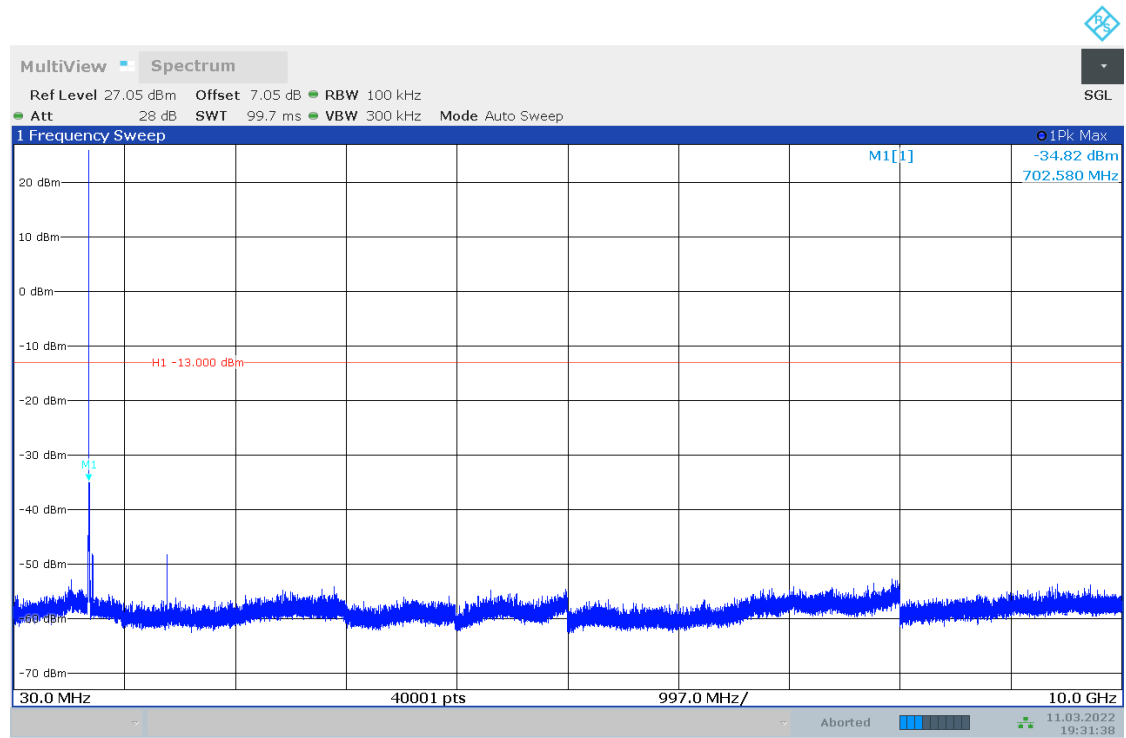




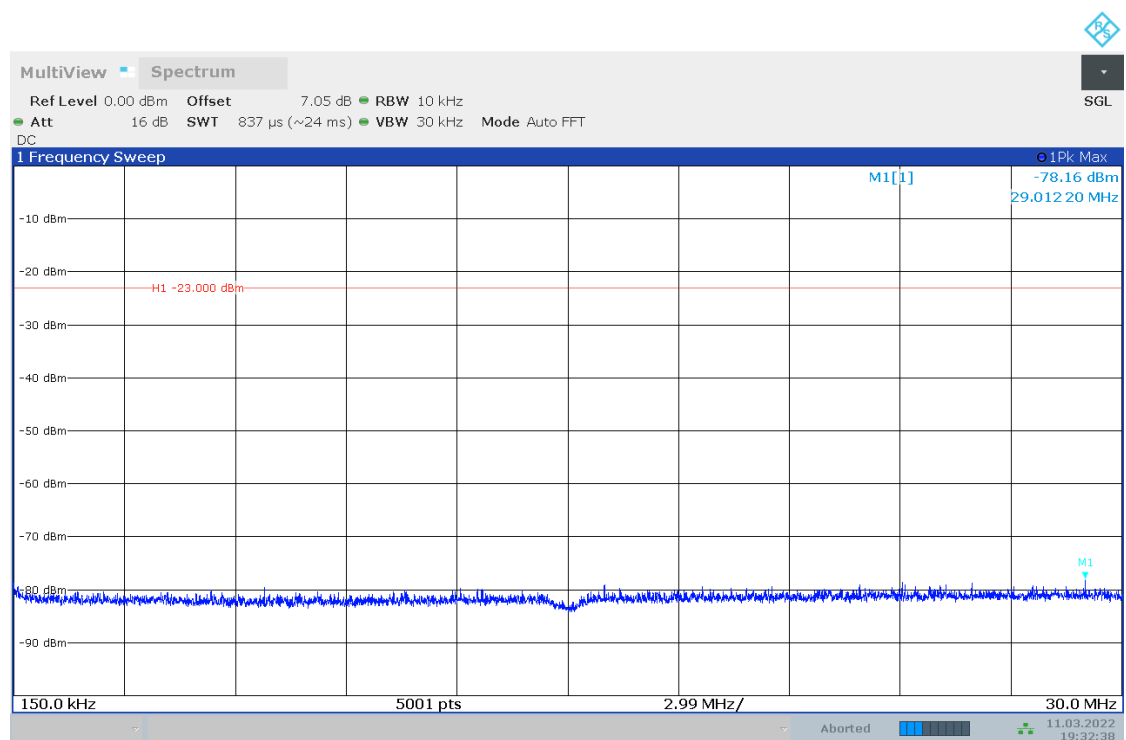
19:30:05 11.03.2022

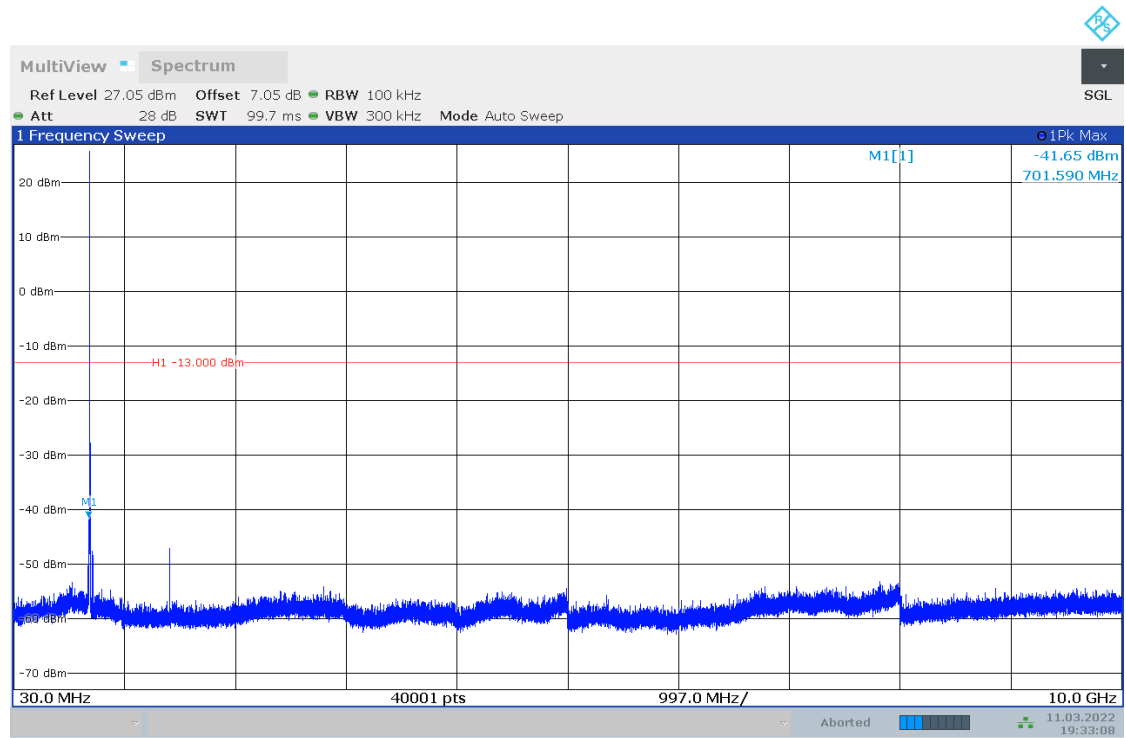
## 6.2.13 TM1\_10MHZ\_MCH\_RB1#0



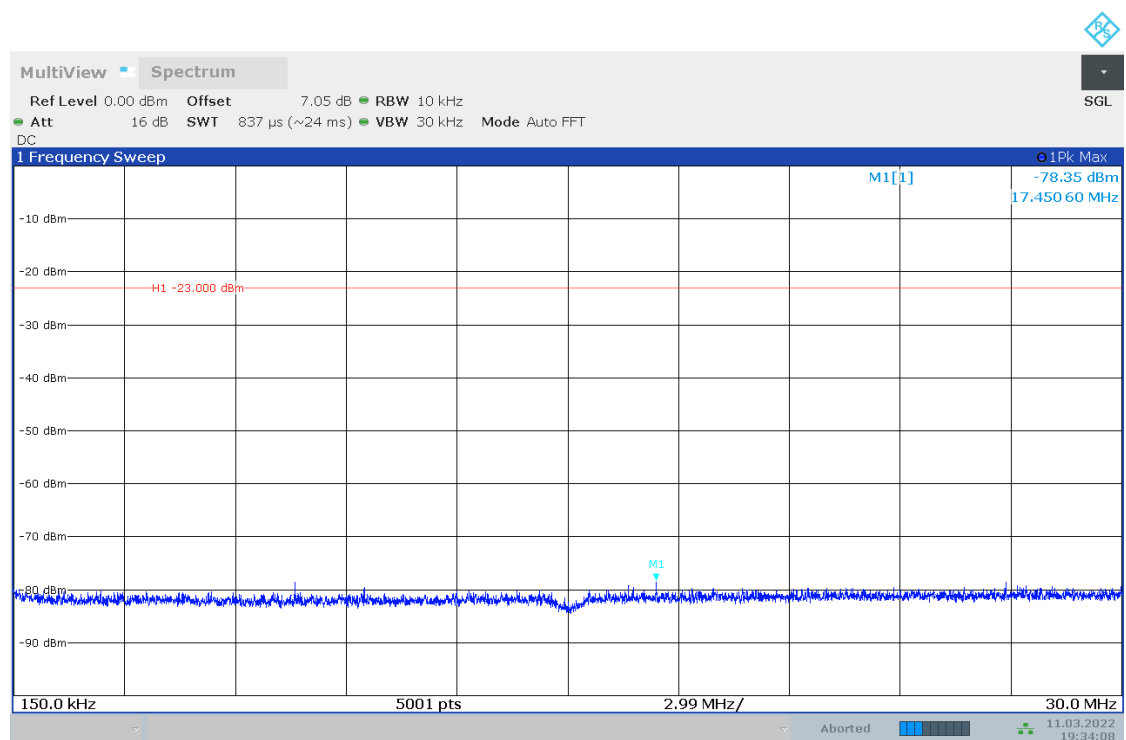


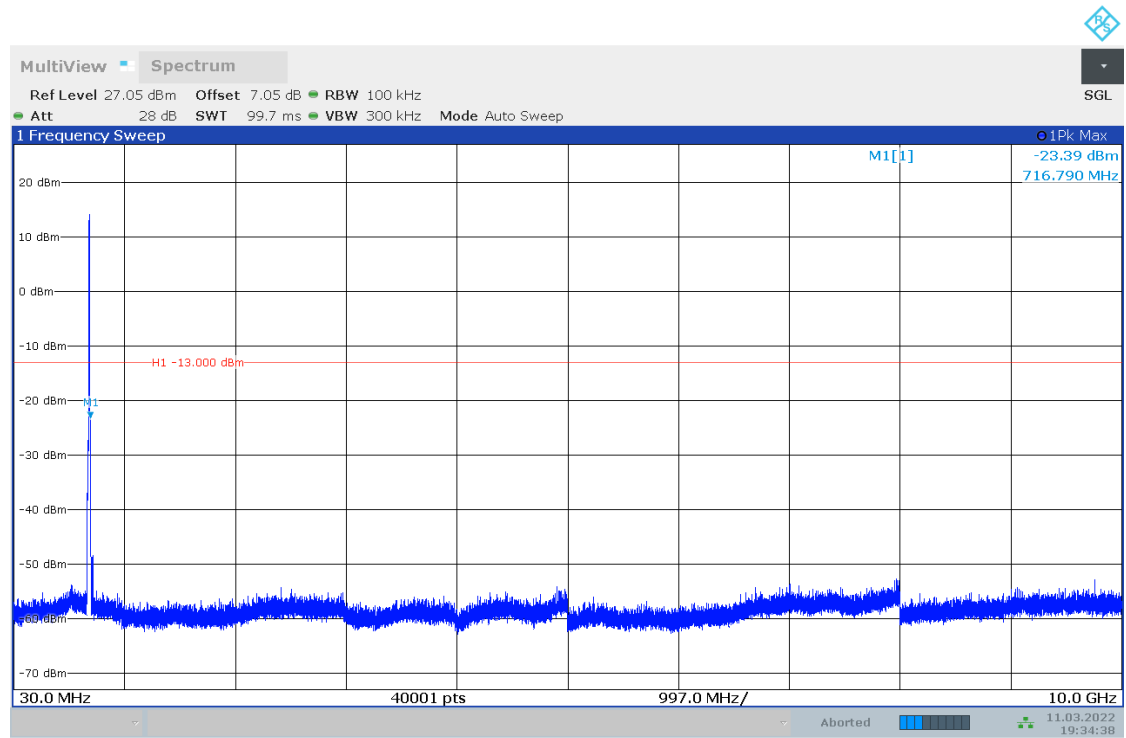
## 6.2.14 TM1\_10MHZ\_MCH\_RB1#49





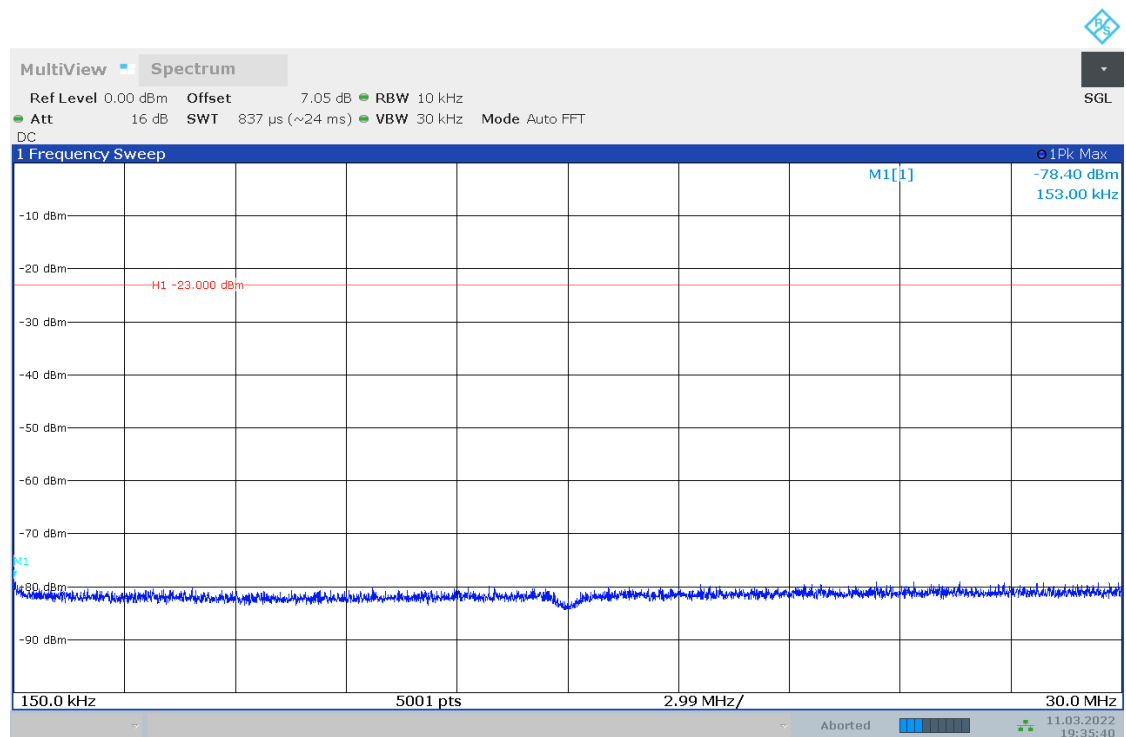
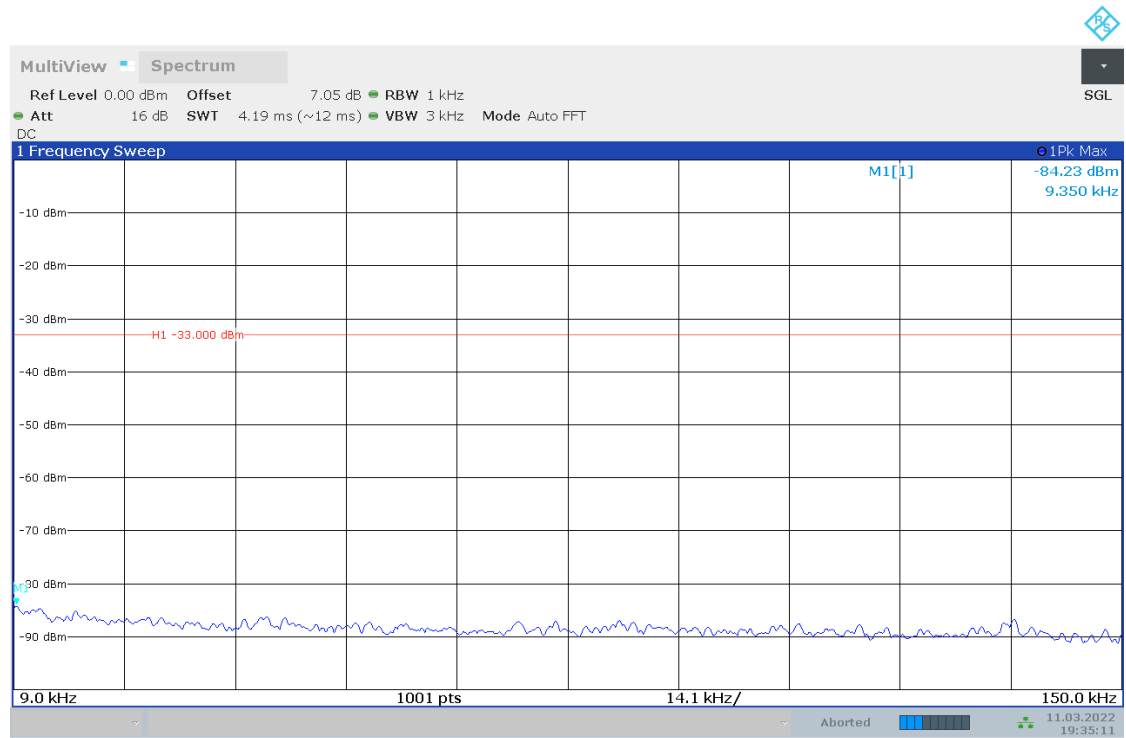
## 6.2.15 TM1\_10MHZ\_MCH\_RB50#0

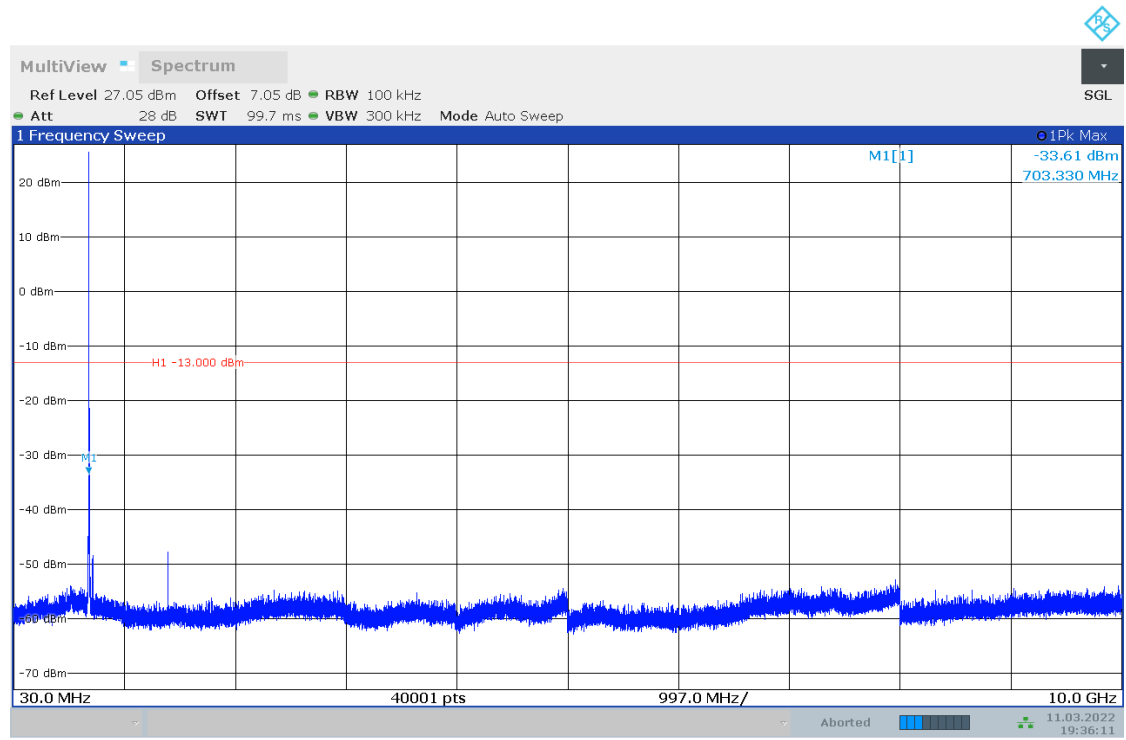




19:34:39 11.03.2022

## 6.2.16 TM1\_10MHZ\_HCH\_RB1#0

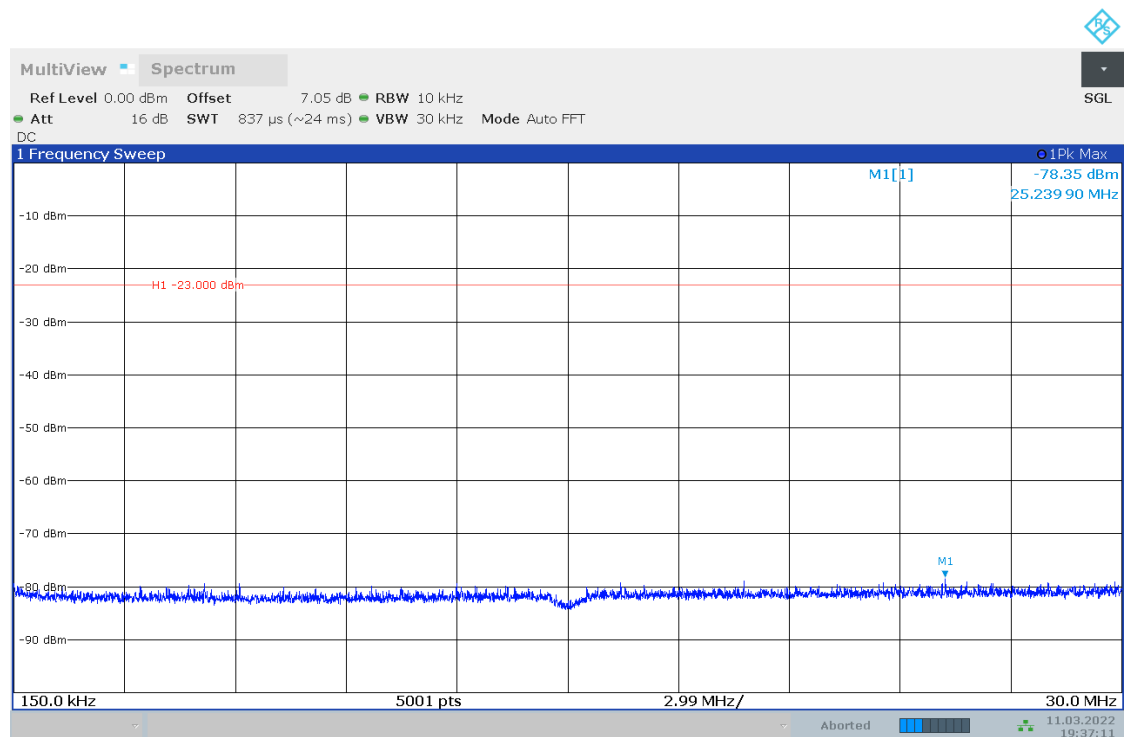




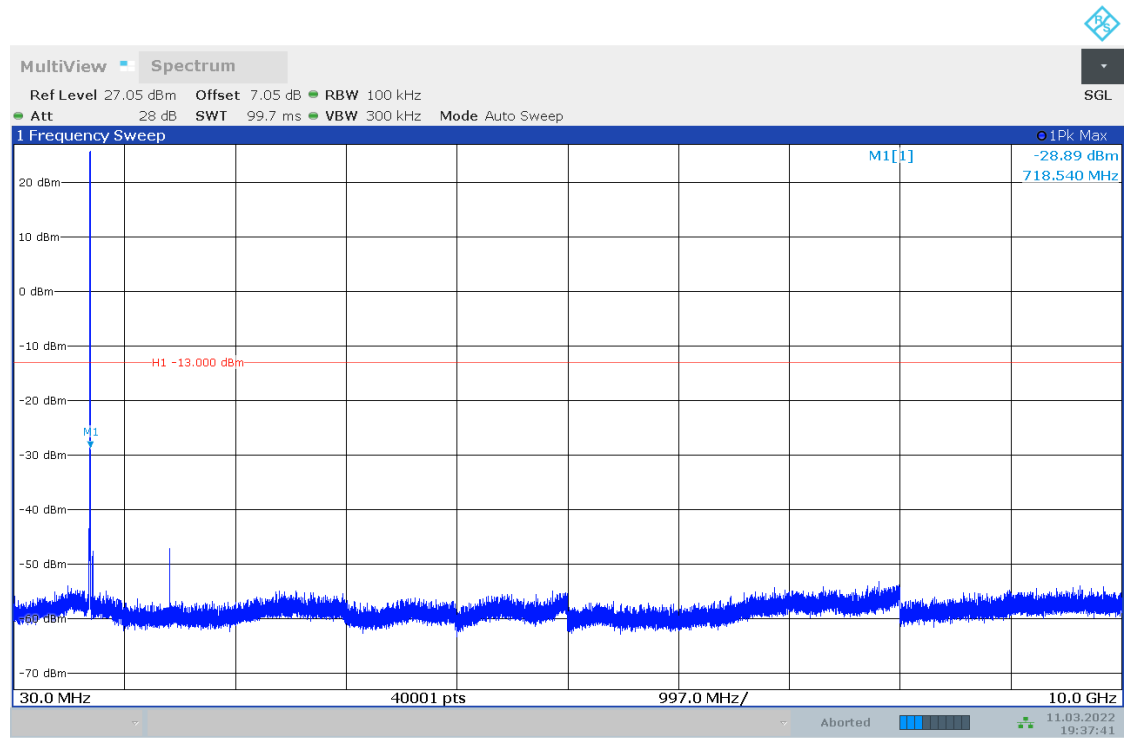
## 6.2.17 TM1\_10MHZ\_HCH\_RB1#49



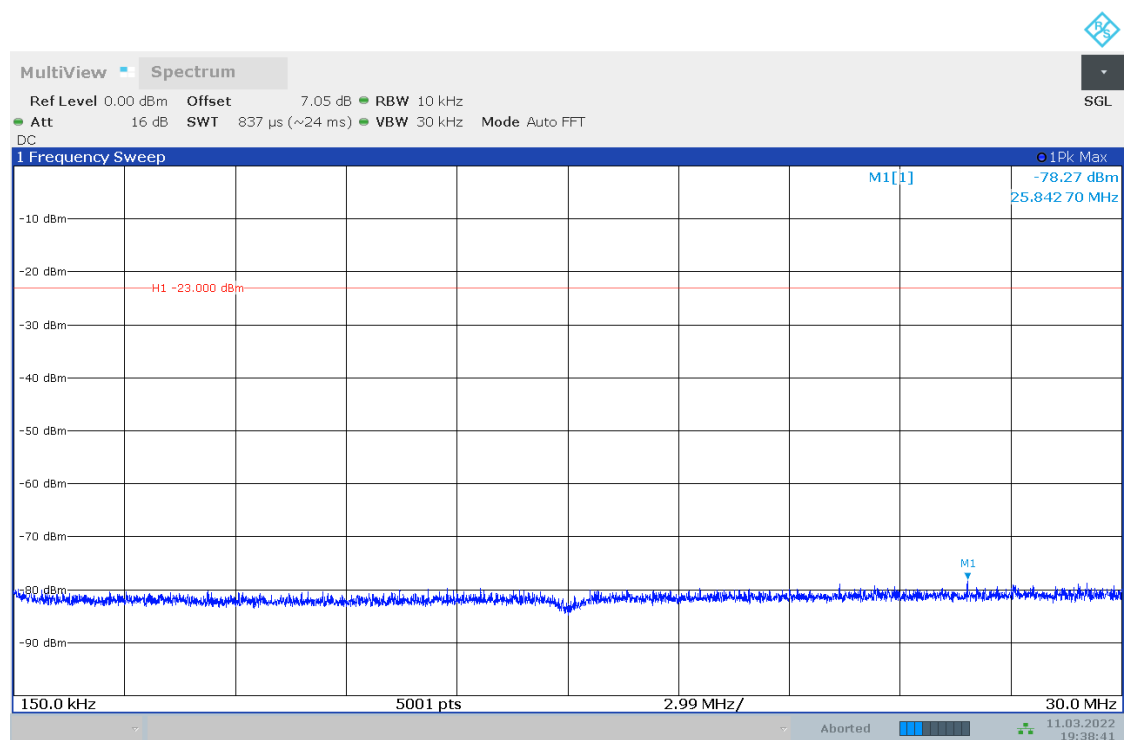
19:36:42 11.03.2022

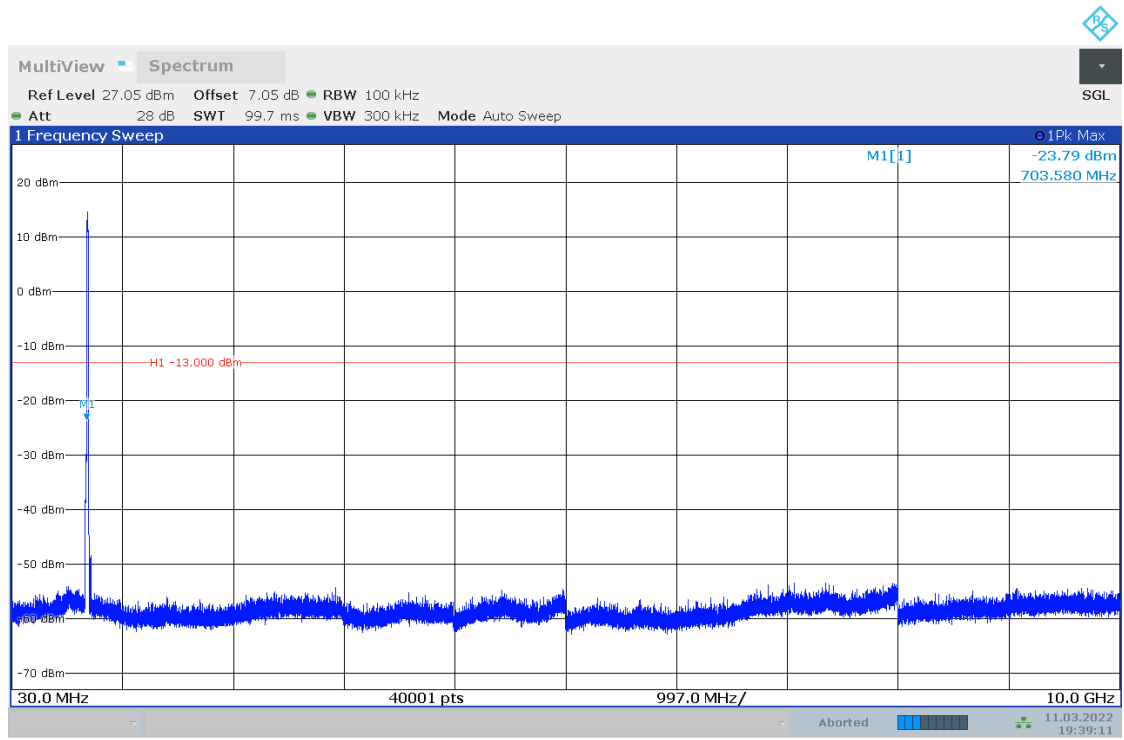


19:37:11 11.03.2022



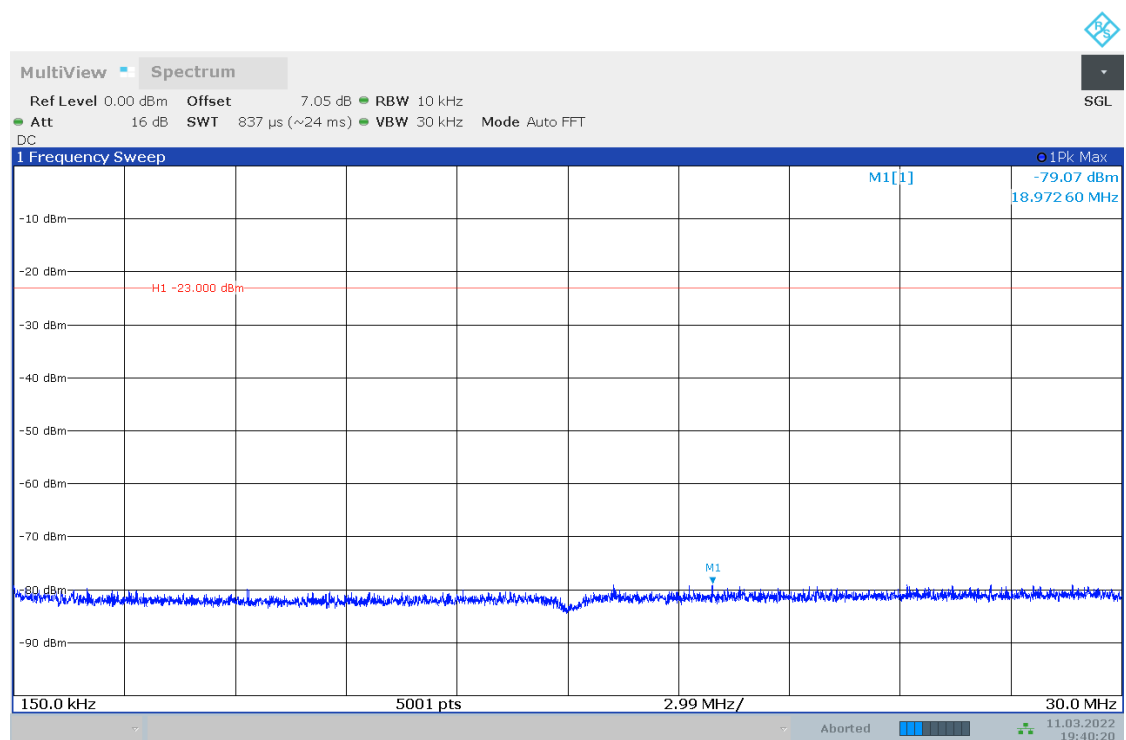
## 6.2.18 TM1\_10MHZ\_HCH\_RB50#0

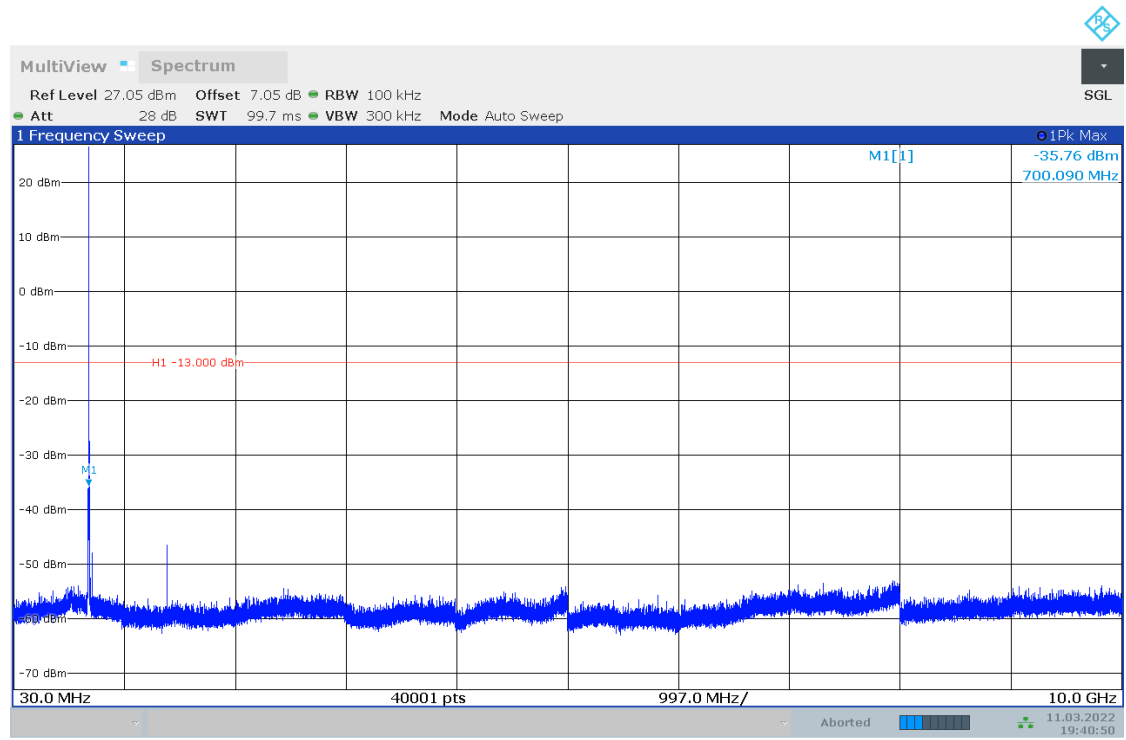




19:39:12 11.03.2022

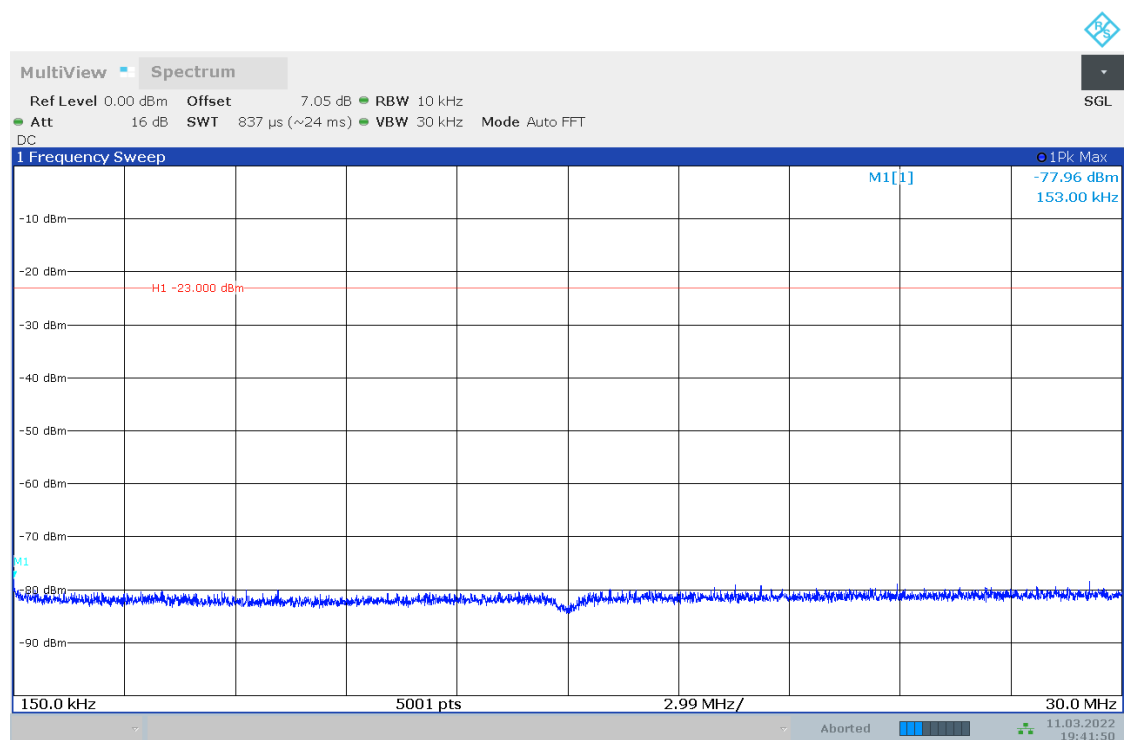
## 6.2.19 TM2\_5MHZ\_LCH\_RB1#0

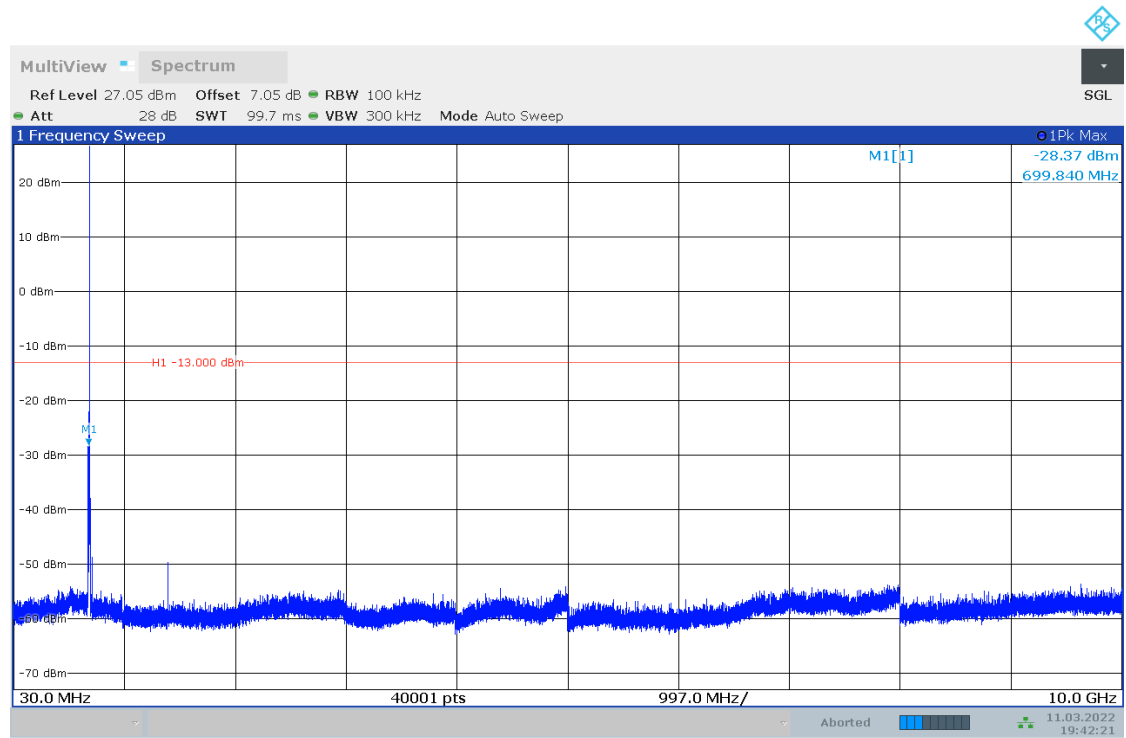




19:40:51 11.03.2022

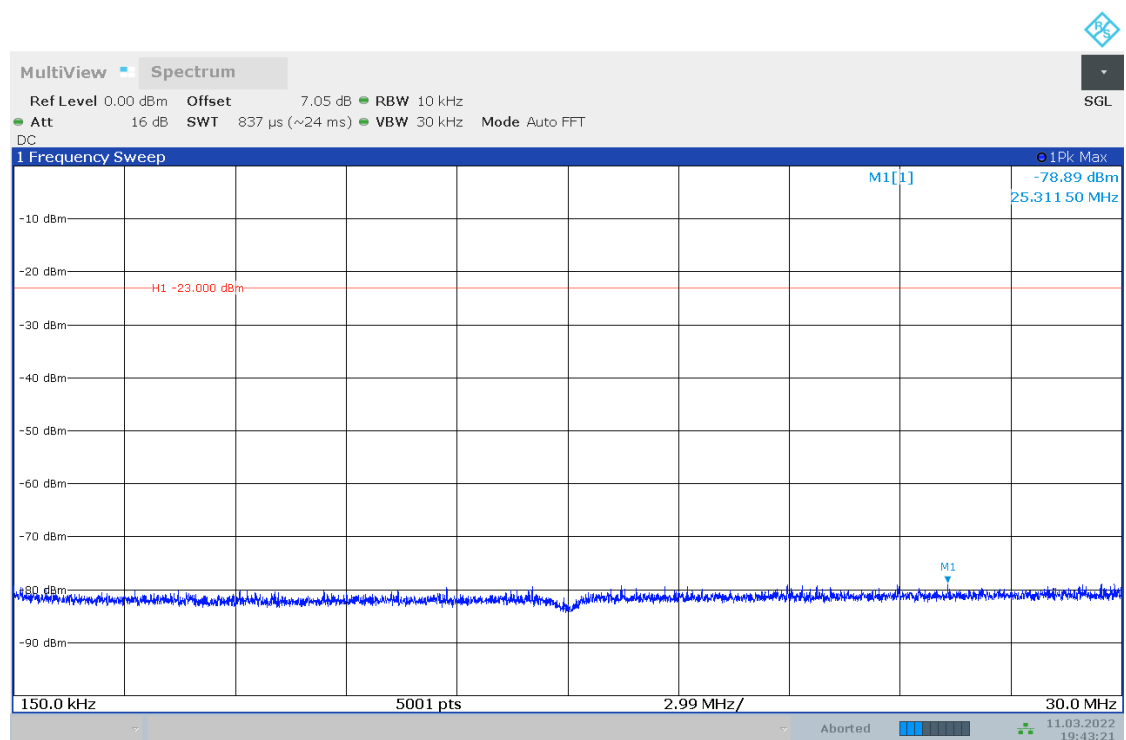
## 6.2.20 TM2\_5MHZ\_LCH\_RB1#24

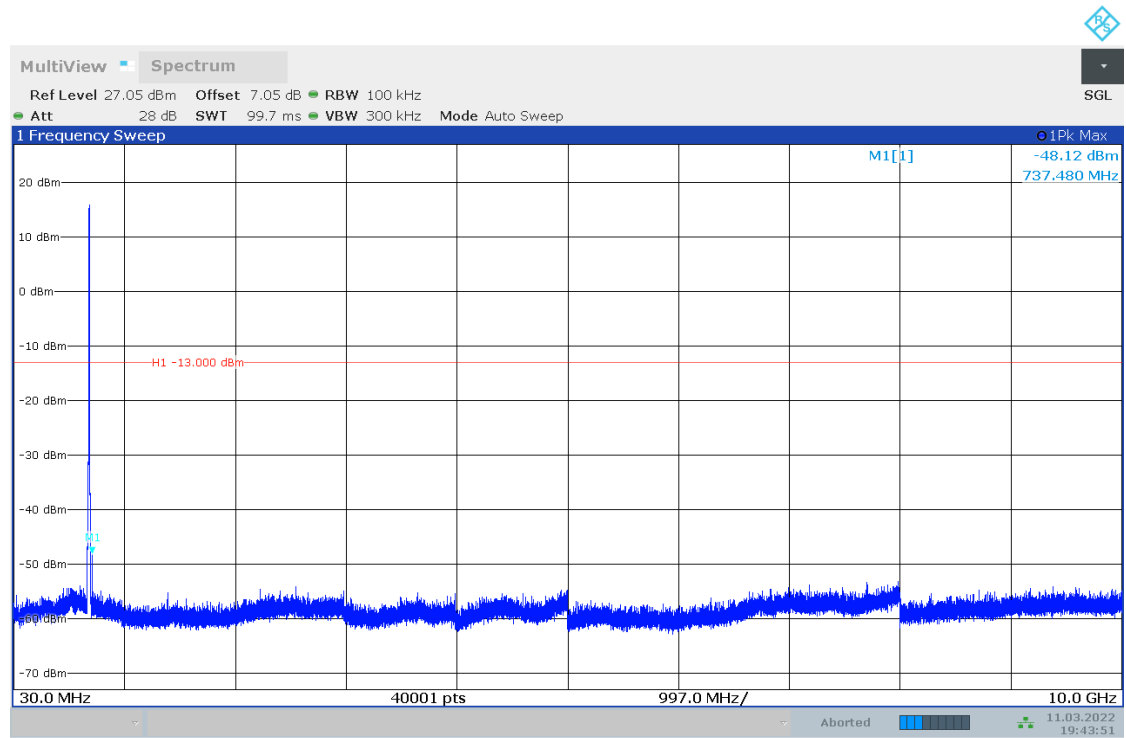




19:42:21 11.03.2022

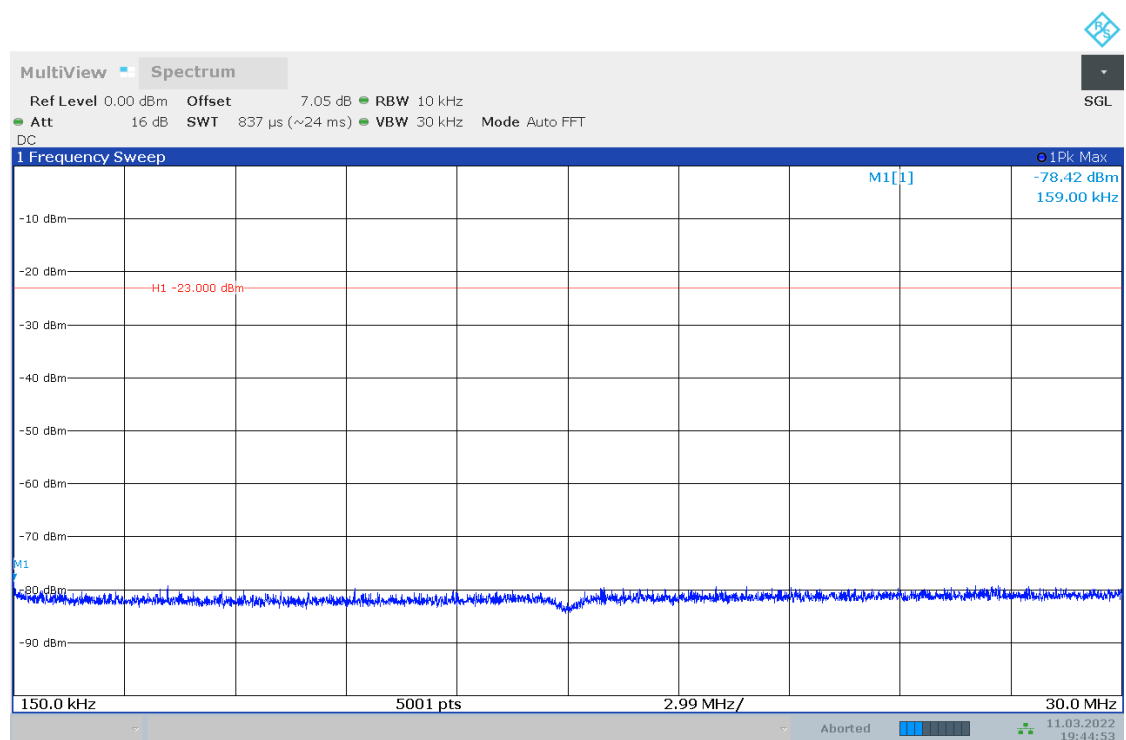
## 6.2.21 TM2\_5MHZ\_LCH\_RB25#0

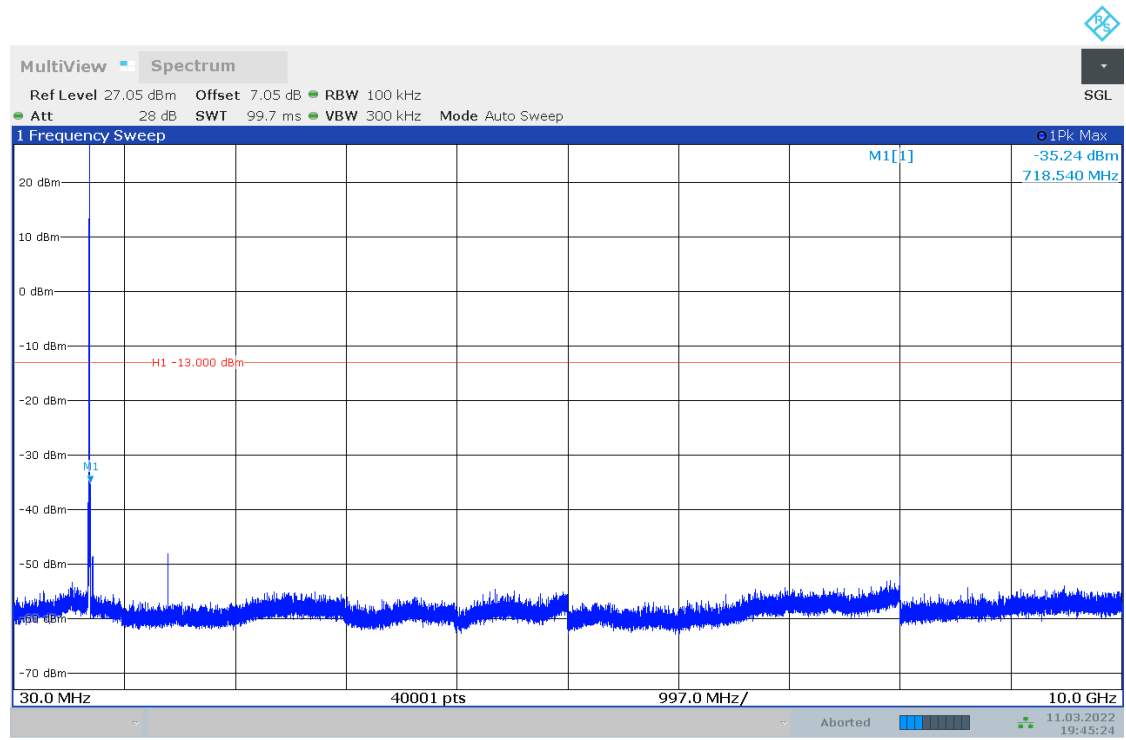




19:43:52 11.03.2022

## 6.2.22 TM2\_5MHZ\_MCH\_RB1#0

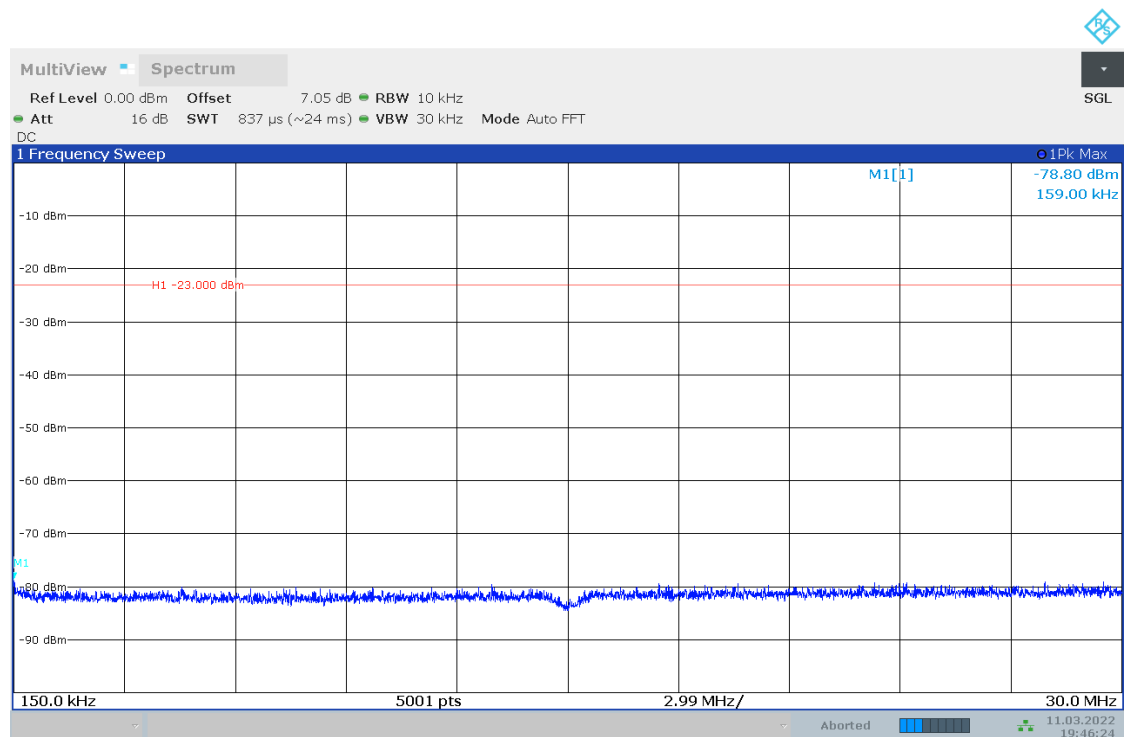




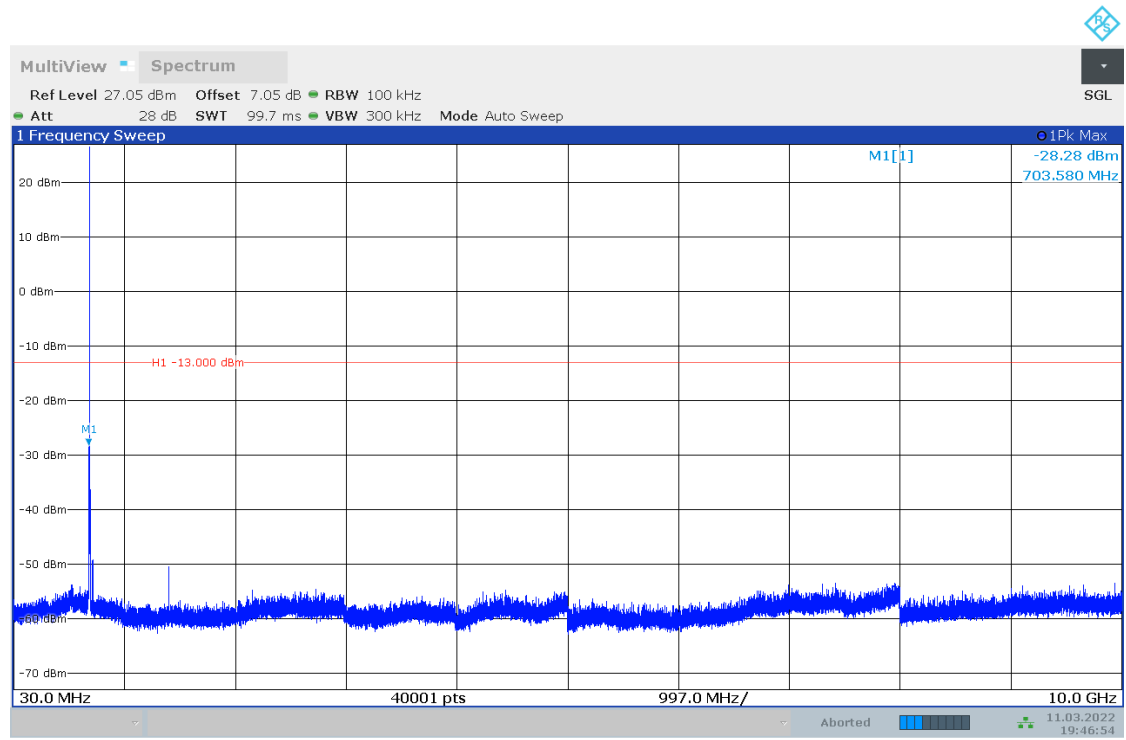
## 6.2.23 TM2\_5MHZ\_MCH\_RB1#24



19:45:55 11.03.2022



19:46:24 11.03.2022



19:46:55 11.03.2022