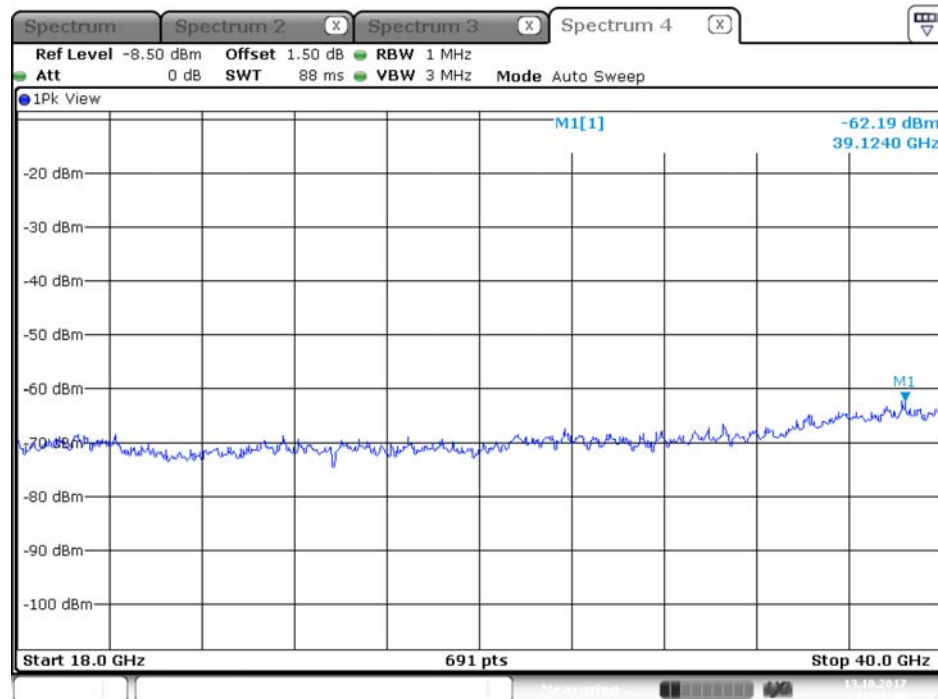
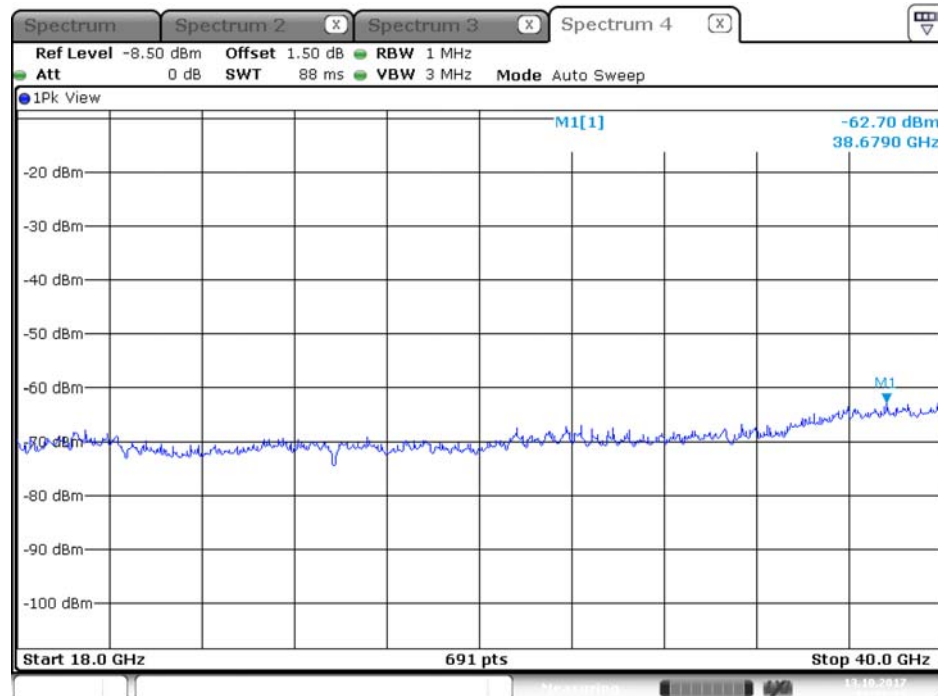


### Plot on Configuration QPSK, 20M / 5720 MHz / Peak / Port 1 / 18GHz~40GHz



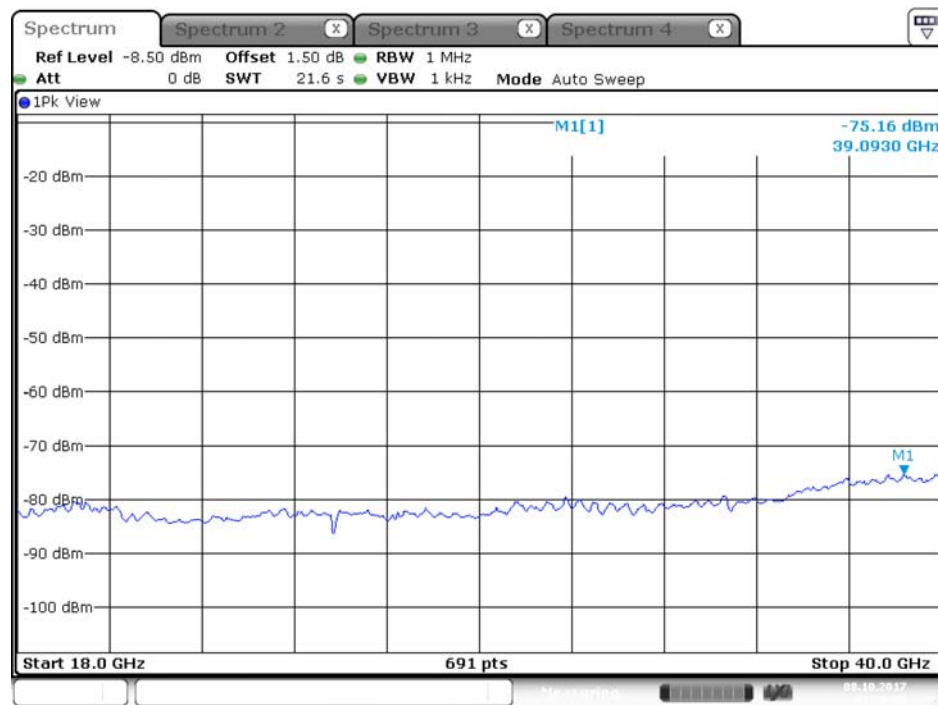
Date: 13.OCT.2017 11:28:08

### Plot on Configuration QPSK, 20M / 5720 MHz / Peak / Port 2 / 18GHz~40GHz



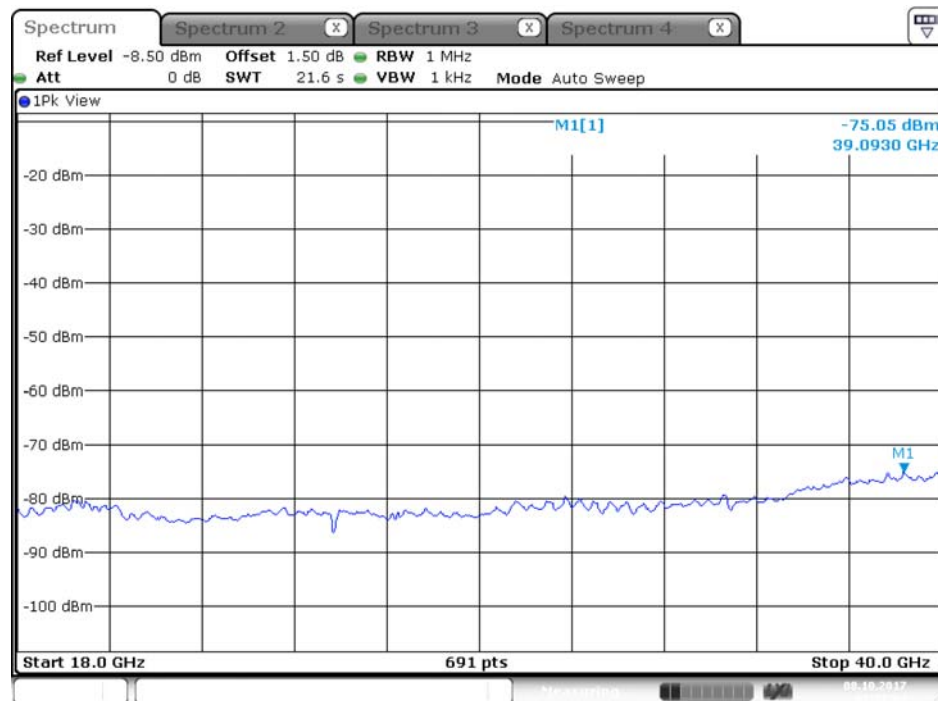
Date: 13.OCT.2017 11:31:16

### Plot on Configuration QPSK, 80M / 5510 MHz / Average / Port 1 / 18GHz~40GHz



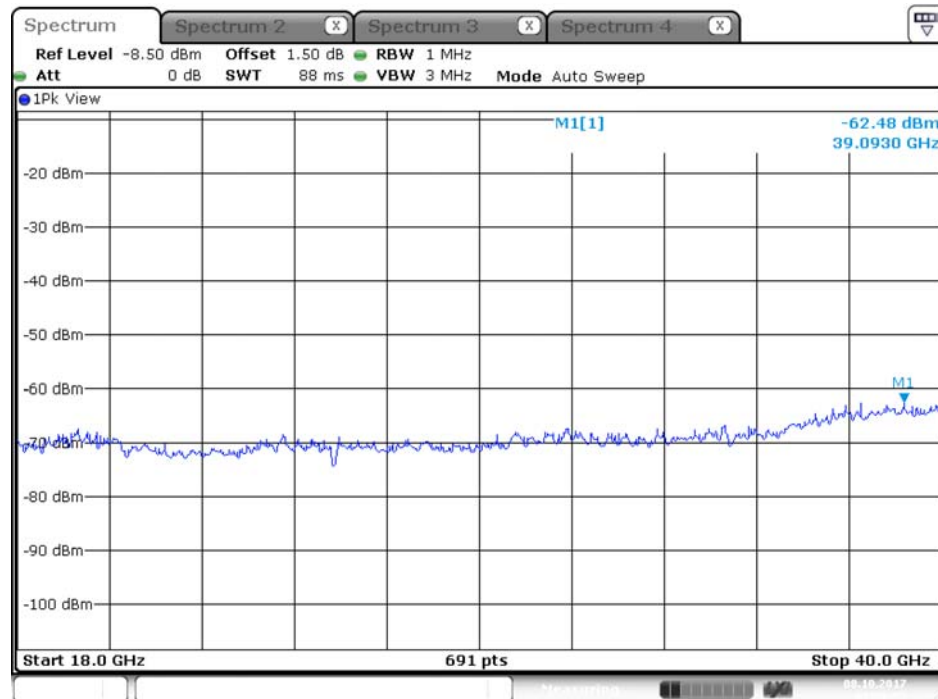
Date: 8.OCT.2017 01:36:06

### Plot on Configuration QPSK, 80M / 5510 MHz / Average / Port 2 / 18GHz~40GHz



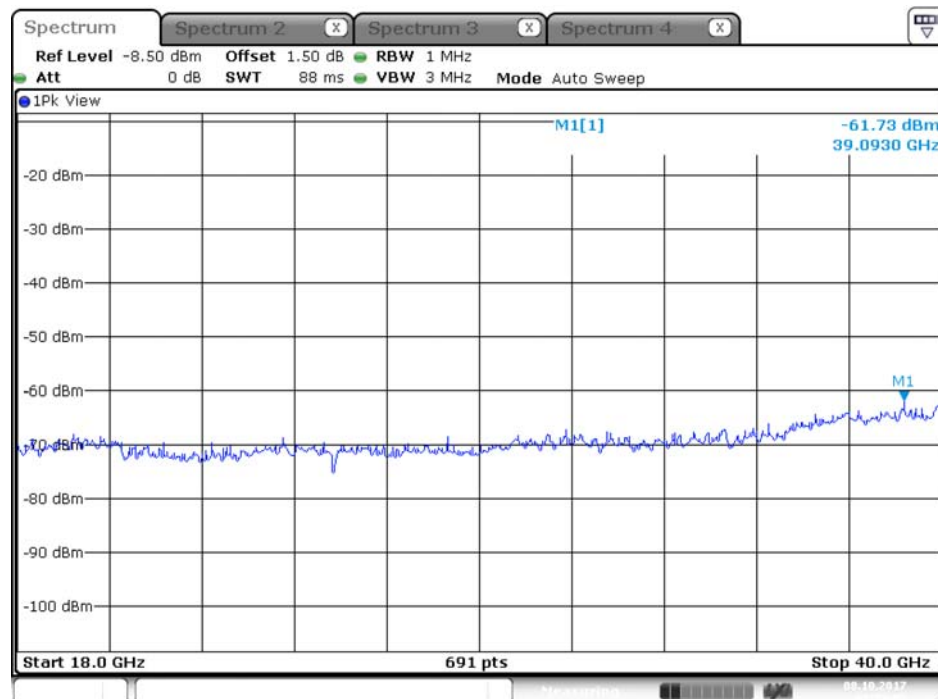
Date: 8.OCT.2017 01:38:03

### Plot on Configuration QPSK, 80M / 5510 MHz / Peak / Port 1 / 18GHz~40GHz



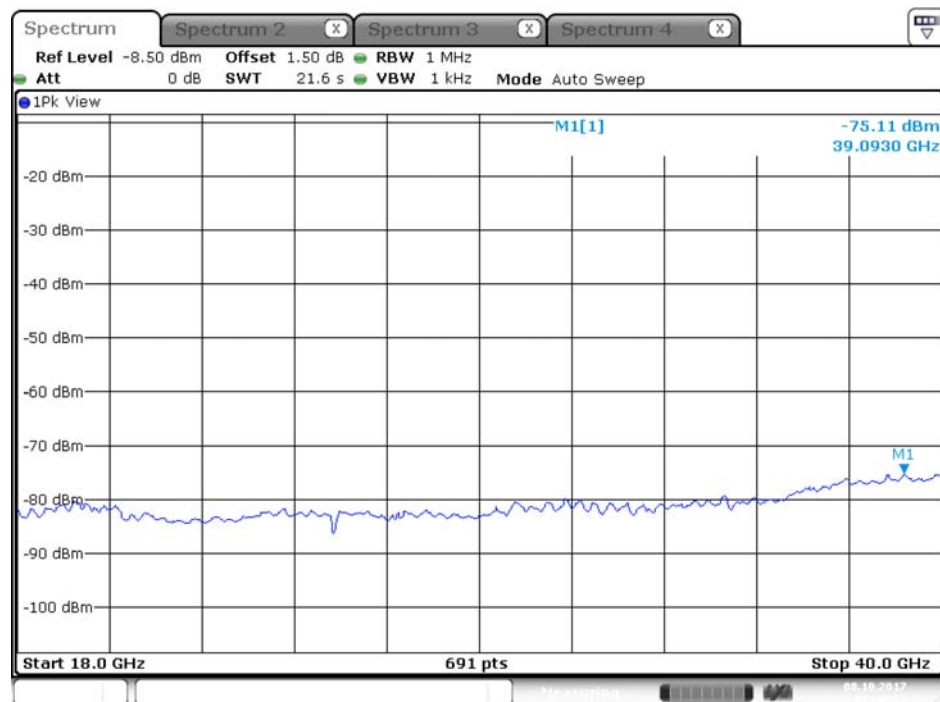
Date: 8.OCT.2017 01:36:51

### Plot on Configuration QPSK, 80M / 5510 MHz / Peak / Port 2 / 18GHz~40GHz



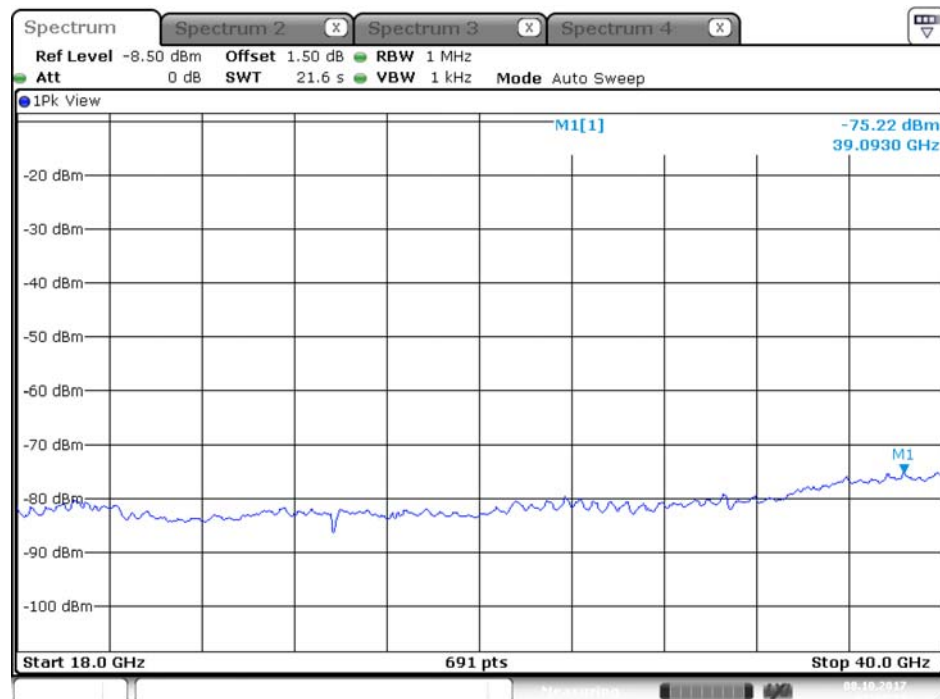
Date: 8.OCT.2017 01:39:03

### Plot on Configuration QPSK, 80M / 5610 MHz / Average / Port 1 / 18GHz~40GHz



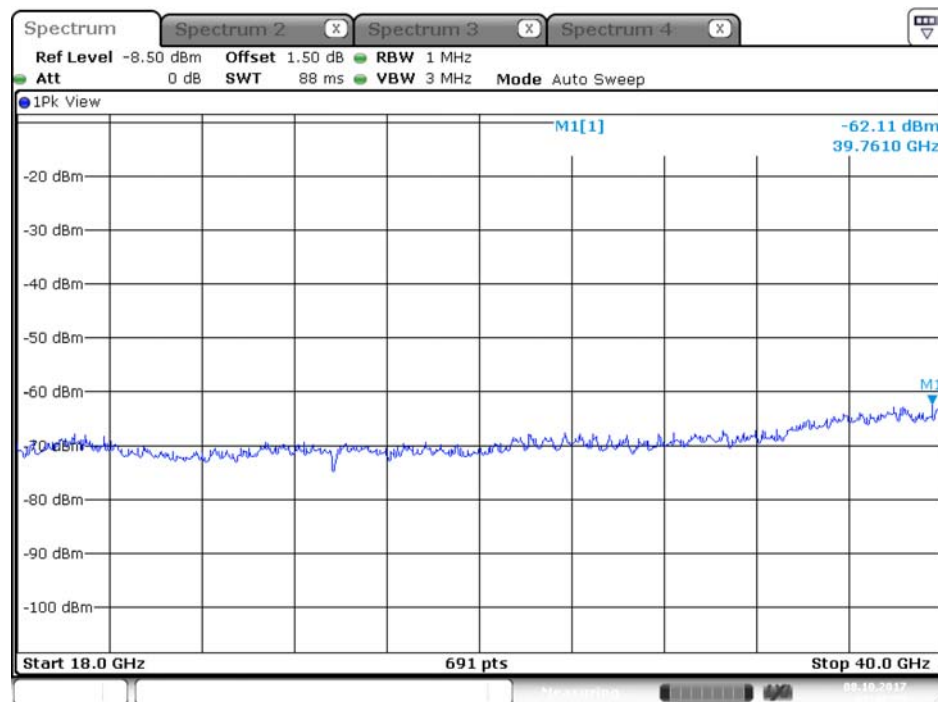
Date: 8.OCT.2017 01:40:37

### Plot on Configuration QPSK, 80M / 5610 MHz / Average / Port 2 / 18GHz~40GHz



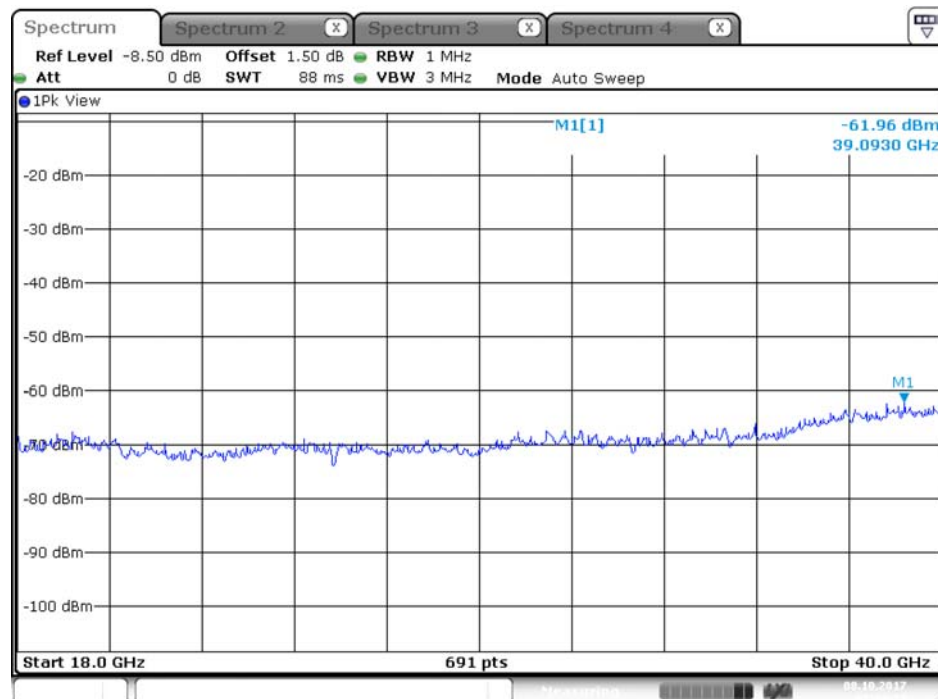
Date: 8.OCT.2017 01:43:18

## Plot on Configuration QPSK, 80M / 5610 MHz / Peak / Port 1 / 18GHz~40GHz



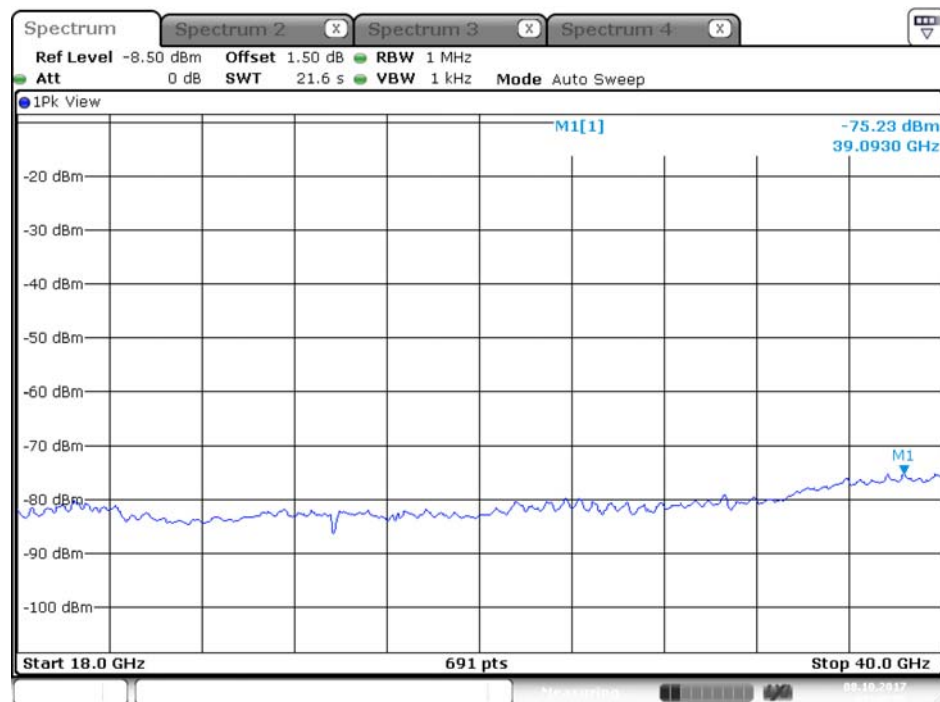
Date: 8.OCT.2017 01:42:29

## Plot on Configuration QPSK, 80M / 5610 MHz / Peak / Port 2 / 18GHz~40GHz



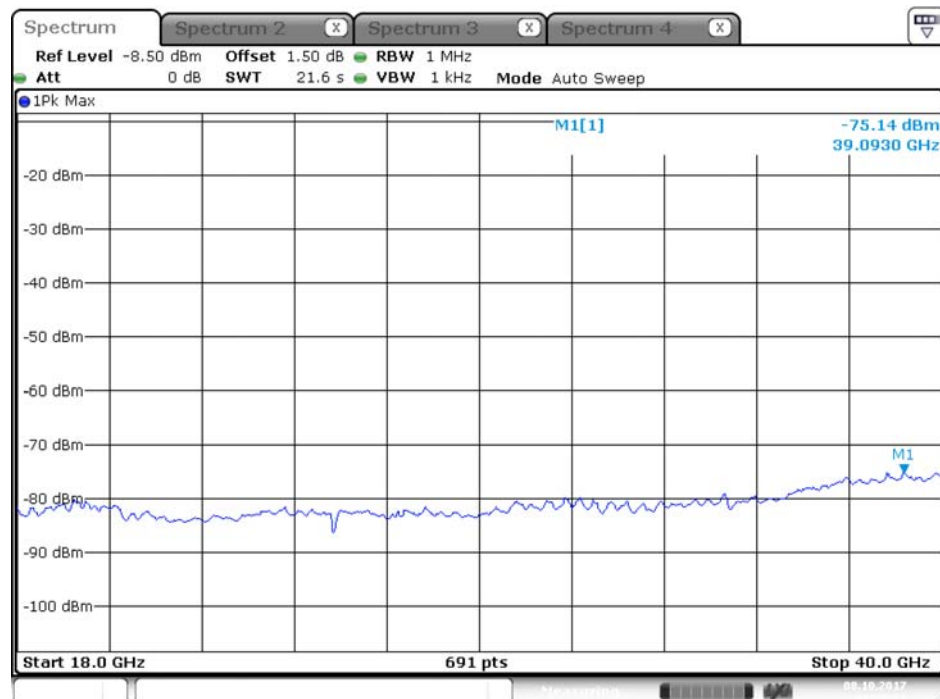
Date: 8.OCT.2017 01:44:18

### Plot on Configuration QPSK, 80M / 5650 MHz / Average / Port 1 / 18GHz~40GHz



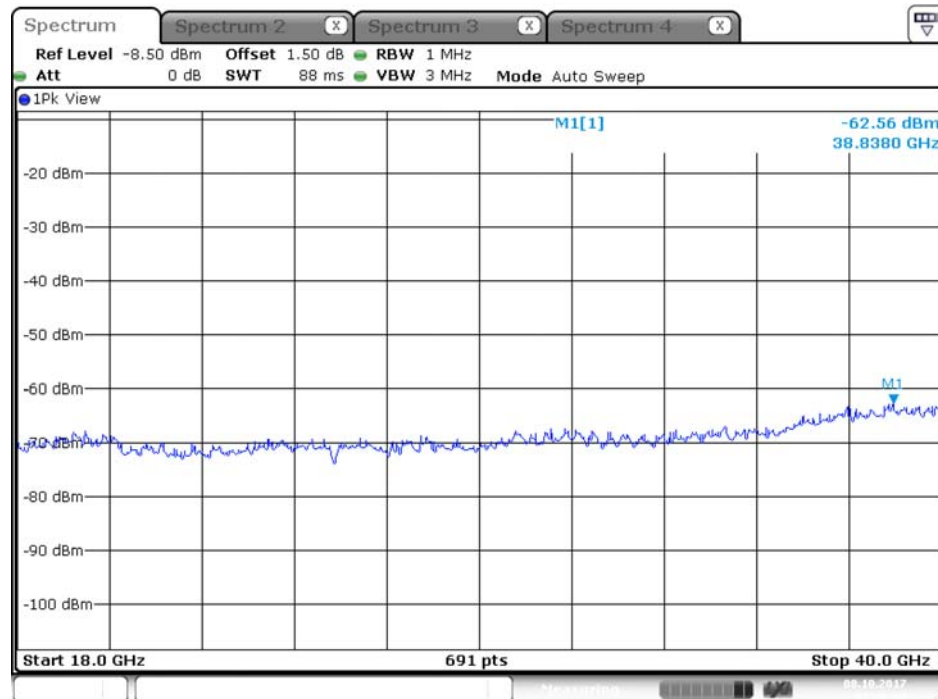
Date: 8.OCT.2017 01:45:26

### Plot on Configuration QPSK, 80M / 5650 MHz / Average / Port 2 / 18GHz~40GHz



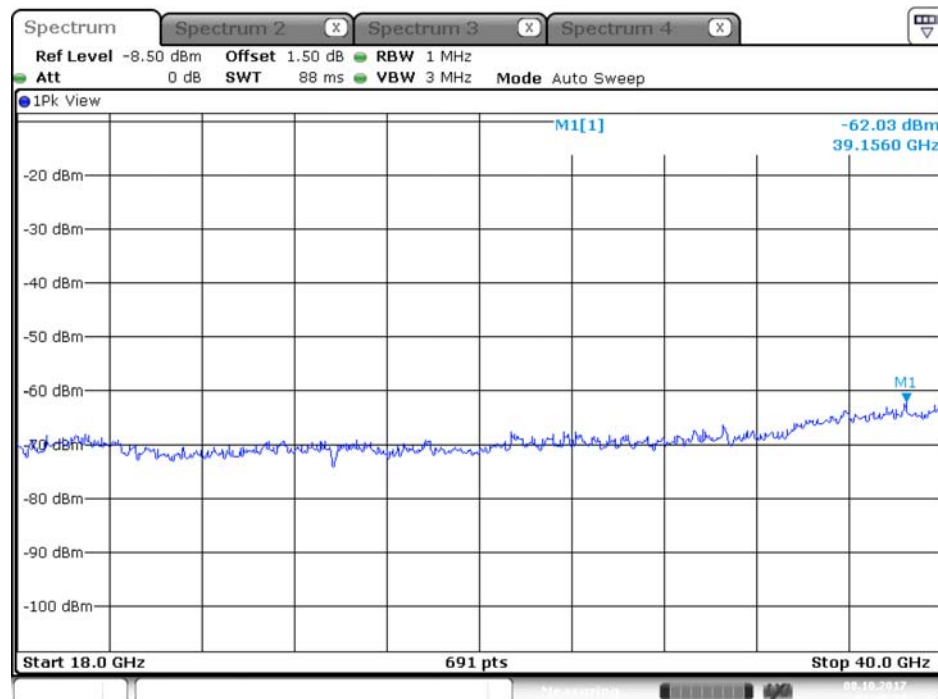
Date: 8.OCT.2017 01:50:17

### Plot on Configuration QPSK, 80M / 5650 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 8.OCT.2017 01:46:34

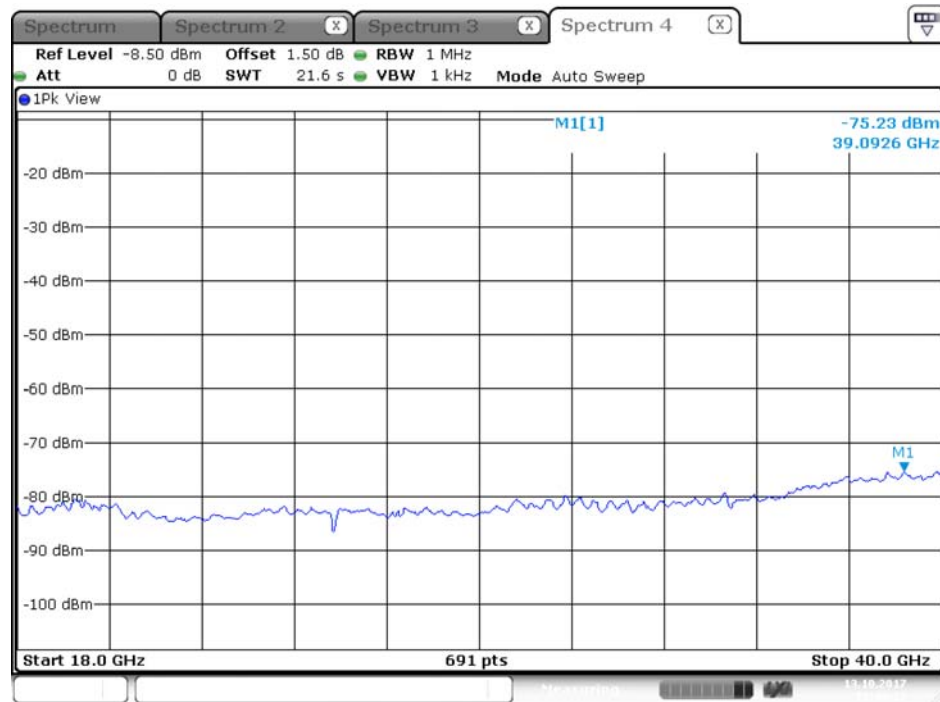
### Plot on Configuration QPSK, 80M / 5650 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 8.OCT.2017 01:48:19

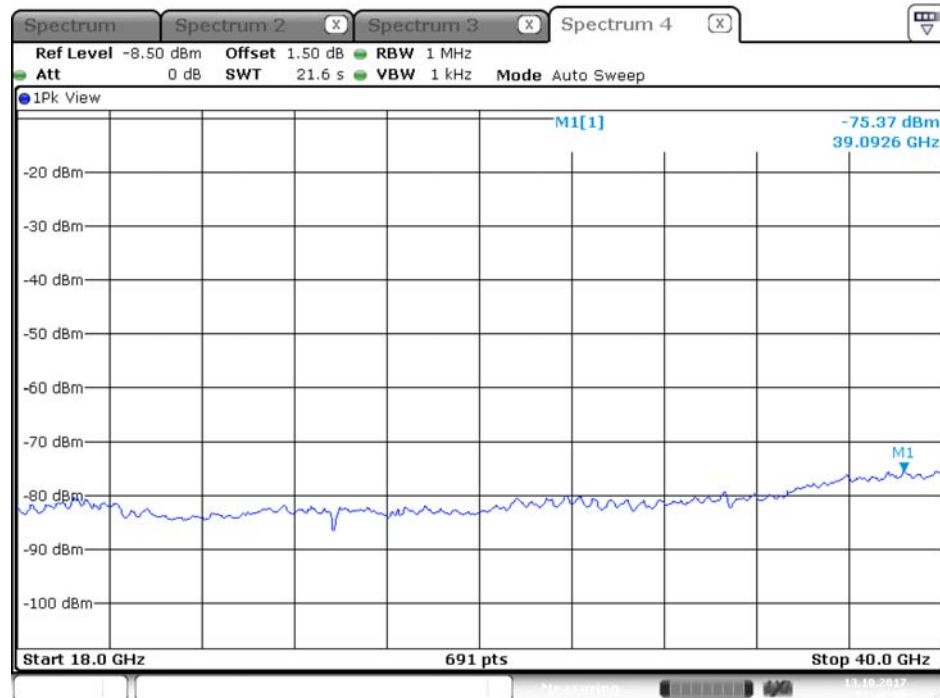


### Plot on Configuration QPSK, 80M / 5720 MHz / Average / Port 1 / 18GHz~40GHz



Date: 13.OCT.2017 11:49:23

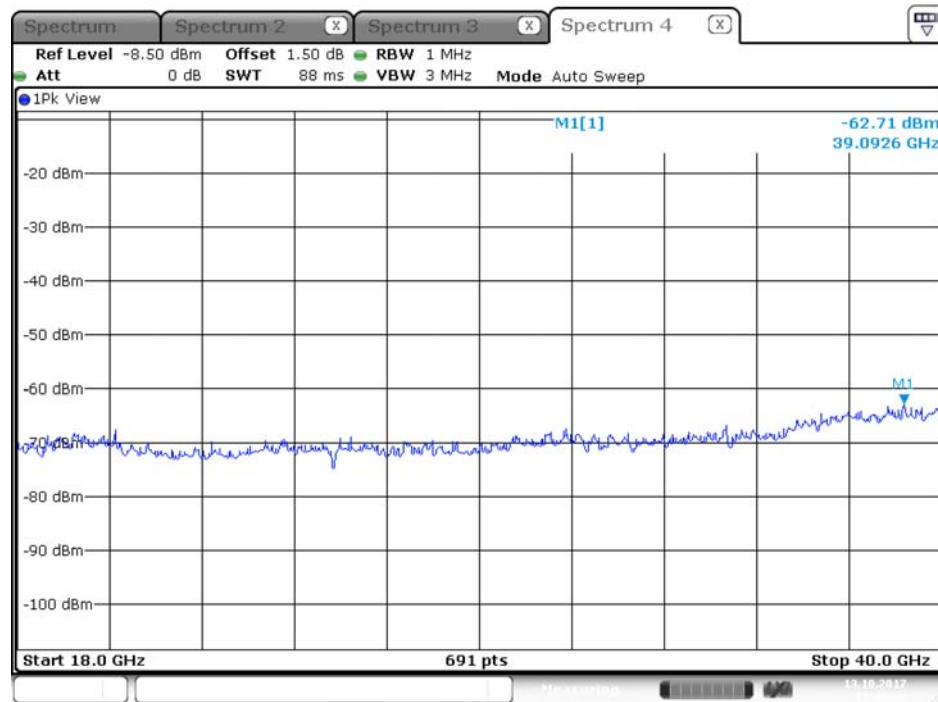
### Plot on Configuration QPSK, 80M / 5720 MHz / Average / Port 2 / 18GHz~40GHz



Date: 13.OCT.2017 11:48:00

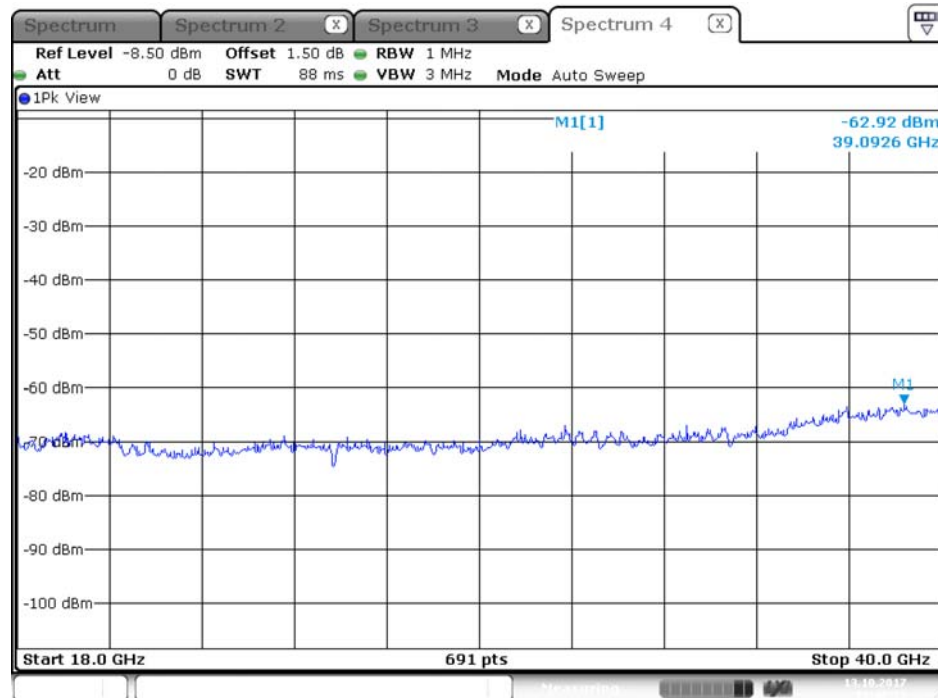


### Plot on Configuration QPSK, 80M / 5720 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 13.OCT.2017 11:49:42

### Plot on Configuration QPSK, 80M / 5720 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 13.OCT.2017 11:47:27

## 4.6. Band Edge Emissions Measurement

### 4.6.1. Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: all emissions shall be limited to a level of  $-27$  dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Frequencies (MHz) | Field Strength (micровolts/meter) | Measurement Distance (meters) |
|-------------------|-----------------------------------|-------------------------------|
| 0.009~0.490       | 2400/F(kHz)                       | 300                           |
| 0.490~1.705       | 24000/F(kHz)                      | 30                            |
| 1.705~30.0        | 30                                | 30                            |
| 30~88             | 100                               | 3                             |
| 88~216            | 150                               | 3                             |
| 216~960           | 200                               | 3                             |
| Above 960         | 500                               | 3                             |

### 4.6.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

| Spectrum Parameter                          | Setting                                            |
|---------------------------------------------|----------------------------------------------------|
| Attenuation                                 | Auto                                               |
| Span Frequency                              | 100 MHz                                            |
| RBW / VBW (Emission in restricted band)     | 1 MHz / 3 MHz for Peak,<br>1 MHz / 1/T for Average |
| RBW / VBW (Emission in non-restricted band) | 1 MHz / 3 MHz for Peak                             |

### 4.6.3. Test Procedures

The test procedure is the same as section 4.4.3.

### 4.6.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.4.4.

#### **4.6.5. Test Deviation**

There is no deviation with the original standard.

#### **4.6.6. EUT Operation during Test**

The EUT was programmed to be in continuously transmitting mode.

#### 4.6.7. Test Result of Band Edge and Fundamental Emissions

For Antenna 1:

|               |           |                |                                       |
|---------------|-----------|----------------|---------------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                                   |
| Test Engineer | Ron Huang | Configurations | QPSK, 20M / Average / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5260 MHz       | -62.74                                  | -59.06                                  | -55.51                           | -41.25      | 14.26       |
| 5300 MHz       | -50.62                                  | -47.49                                  | -43.77                           | -41.25      | 2.52        |
| 5320 MHz       | -47.76                                  | -45.43                                  | -41.43                           | -41.25      | 0.18        |
| 5250 MHz       | -61.21                                  | -52.04                                  | -49.54                           | -41.25      | 8.29        |

|               |           |                |                                    |
|---------------|-----------|----------------|------------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                                |
| Test Engineer | Ron Huang | Configurations | QPSK, 20M / Peak / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5260 MHz       | -50.26                                  | -42.43                                  | -39.77                           | -21.25      | 18.52       |
| 5300 MHz       | -36.10                                  | -32.49                                  | -28.92                           | -21.25      | 7.67        |
| 5320 MHz       | -30.76                                  | -29.98                                  | -25.34                           | -21.25      | 4.09        |
| 5250 MHz       | -44.76                                  | -35.74                                  | -33.23                           | -21.25      | 11.98       |

|               |           |                |                                       |
|---------------|-----------|----------------|---------------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                                   |
| Test Engineer | Ron Huang | Configurations | QPSK, 80M / Average / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5290 MHz       | -45.43                                  | -47.61                                  | -41.37                           | -41.25      | 0.12        |
| 5300 MHz       | -46.50                                  | -46.98                                  | -41.72                           | -41.25      | 0.47        |
| 5310 MHz       | -46.37                                  | -46.35                                  | -41.35                           | -41.25      | 0.10        |
| 5250 MHz       | -45.36                                  | -48.26                                  | -41.56                           | -41.25      | 0.31        |

|                      |           |                       |                                    |
|----------------------|-----------|-----------------------|------------------------------------|
| <b>Temperature</b>   | 27.1°C    | <b>Humidity</b>       | 79%                                |
| <b>Test Engineer</b> | Ron Huang | <b>Configurations</b> | QPSK, 80M / Peak / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5290 MHz       | -30.54                                  | -31.63                                  | -26.04                           | -21.25      | 4.79        |
| 5300 MHz       | -29.78                                  | -33.02                                  | -26.09                           | -21.25      | 4.84        |
| 5310 MHz       | -27.65                                  | -26.01                                  | -21.74                           | -21.25      | 0.49        |
| 5250 MHz       | -27.49                                  | -31.92                                  | -24.15                           | -21.25      | 2.90        |

|                      |           |                       |                                       |
|----------------------|-----------|-----------------------|---------------------------------------|
| <b>Temperature</b>   | 27.1°C    | <b>Humidity</b>       | 79%                                   |
| <b>Test Engineer</b> | Ron Huang | <b>Configurations</b> | QPSK, 20M / Average / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5500 MHz       | -55.30                                  | -54.52                                  | -49.88                           | -41.25      | 8.63        |
| 5580 MHz       | -46.70                                  | -63.60                                  | -44.61                           | -41.25      | 3.36        |
| 5650 MHz       | -43.77                                  | -57.91                                  | -41.61                           | -41.25      | 0.36        |
| 5720 MHz       | -54.32                                  | -53.98                                  | -49.14                           | -41.25      | 7.89        |

|                      |           |                       |                                    |
|----------------------|-----------|-----------------------|------------------------------------|
| <b>Temperature</b>   | 27.1°C    | <b>Humidity</b>       | 79%                                |
| <b>Test Engineer</b> | Ron Huang | <b>Configurations</b> | QPSK, 20M / Peak / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5500 MHz       | -41.49                                  | -43.24                                  | -37.27                           | -21.25      | 16.02       |
| 5580 MHz       | -27.83                                  | -51.58                                  | -25.81                           | -21.25      | 4.56        |
| 5650 MHz       | -25.99                                  | -45.82                                  | -23.95                           | -21.25      | 2.70        |
| 5720 MHz       | -41.20                                  | -41.11                                  | -36.14                           | -21.25      | 14.89       |

|                      |           |                       |                                      |
|----------------------|-----------|-----------------------|--------------------------------------|
| <b>Temperature</b>   | 27.1°C    | <b>Humidity</b>       | 79%                                  |
| <b>Test Engineer</b> | Ron Huang | <b>Configurations</b> | QPSK, 80M / Average / Port 1 +Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5510 MHz       | -45.24                                  | -48.09                                  | -41.42                           | -41.25      | 0.17        |
| 5610 MHz       | -45.43                                  | -48.44                                  | -41.67                           | -41.25      | 0.42        |
| 5650 MHz       | -50.66                                  | -44.69                                  | -41.71                           | -41.25      | 0.46        |
| 5720 MHz       | -53.04                                  | -54.52                                  | -48.71                           | -41.25      | 7.46        |

|                      |           |                       |                                   |
|----------------------|-----------|-----------------------|-----------------------------------|
| <b>Temperature</b>   | 27.1°C    | <b>Humidity</b>       | 79%                               |
| <b>Test Engineer</b> | Ron Huang | <b>Configurations</b> | QPSK, 80M / Peak / Port 1 +Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5510 MHz       | -31.07                                  | -37.00                                  | -28.08                           | -21.25      | 6.83        |
| 5610 MHz       | -30.84                                  | -34.80                                  | -27.37                           | -21.25      | 6.12        |
| 5650 MHz       | -35.32                                  | -28.53                                  | -25.70                           | -21.25      | 4.45        |
| 5720 MHz       | -39.31                                  | -40.28                                  | -34.76                           | -21.25      | 13.51       |

## For Antenna 2:

|               |           |                |                                      |
|---------------|-----------|----------------|--------------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                                  |
| Test Engineer | Ron Huang | Configurations | QPSK, 20M / Average / Port 1 +Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5260 MHz       | -64.56                                  | -69.42                                  | -41.33                           | -41.25      | 0.08        |
| 5300 MHz       | -65.66                                  | -68.23                                  | -41.75                           | -41.25      | 0.50        |
| 5320 MHz       | -65.46                                  | -68.07                                  | -41.56                           | -41.25      | 0.31        |
| 5250 MHz       | -65.10                                  | -67.87                                  | -41.26                           | -41.25      | 0.01        |

|               |           |                |                                   |
|---------------|-----------|----------------|-----------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                               |
| Test Engineer | Ron Huang | Configurations | QPSK, 20M / Peak / Port 1 +Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5260 MHz       | -52.15                                  | -57.46                                  | -29.03                           | -21.25      | 7.78        |
| 5300 MHz       | -53.02                                  | -56.25                                  | -29.33                           | -21.25      | 8.08        |
| 5320 MHz       | -51.43                                  | -50.12                                  | -25.72                           | -21.25      | 4.47        |
| 5250 MHz       | -52.58                                  | -55.00                                  | -28.61                           | -21.25      | 7.36        |

|               |           |                |                                      |
|---------------|-----------|----------------|--------------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                                  |
| Test Engineer | Ron Huang | Configurations | QPSK, 80M / Average / Port 1 +Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5290 MHz       | -66.19                                  | -68.05                                  | -42.01                           | -41.25      | 0.76        |
| 5300 MHz       | -66.05                                  | -67.43                                  | -41.68                           | -41.25      | 0.43        |
| 5250 MHz       | -65.78                                  | -68.01                                  | -41.74                           | -41.25      | 0.49        |



|               |           |                |                                    |
|---------------|-----------|----------------|------------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                                |
| Test Engineer | Ron Huang | Configurations | QPSK, 80M / Peak / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5290 MHz       | -53.22                                  | -55.48                                  | -29.19                           | -21.25      | 7.94        |
| 5300 MHz       | -54.45                                  | -54.74                                  | -29.58                           | -21.25      | 8.33        |
| 5250 MHz       | -53.38                                  | -55.15                                  | -29.17                           | -21.25      | 7.92        |

|               |           |                |                                       |
|---------------|-----------|----------------|---------------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                                   |
| Test Engineer | Ron Huang | Configurations | QPSK, 20M / Average / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5500 MHz       | -66.60                                  | -66.43                                  | -41.50                           | -41.25      | 0.25        |
| 5580 MHz       | -65.02                                  | -68.95                                  | -41.54                           | -41.25      | 0.29        |
| 5650 MHz       | -70.84                                  | -71.00                                  | -45.91                           | -41.25      | 4.66        |
| 5720 MHz       | -72.74                                  | -73.81                                  | -48.23                           | -41.25      | 6.98        |

|               |           |                |                                    |
|---------------|-----------|----------------|------------------------------------|
| Temperature   | 27.1°C    | Humidity       | 79%                                |
| Test Engineer | Ron Huang | Configurations | QPSK, 20M / Peak / Port 1 + Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5500 MHz       | -53.42                                  | -53.99                                  | -28.69                           | -21.25      | 7.44        |
| 5580 MHz       | -51.79                                  | -56.06                                  | -28.41                           | -21.25      | 7.16        |
| 5650 MHz       | -51.85                                  | -54.69                                  | -28.03                           | -21.25      | 6.78        |
| 5720 MHz       | -60.49                                  | -61.57                                  | -35.99                           | -21.25      | 14.74       |

|                      |           |                       |                                      |
|----------------------|-----------|-----------------------|--------------------------------------|
| <b>Temperature</b>   | 27.1°C    | <b>Humidity</b>       | 79%                                  |
| <b>Test Engineer</b> | Ron Huang | <b>Configurations</b> | QPSK, 80M / Average / Port 1 +Port 2 |

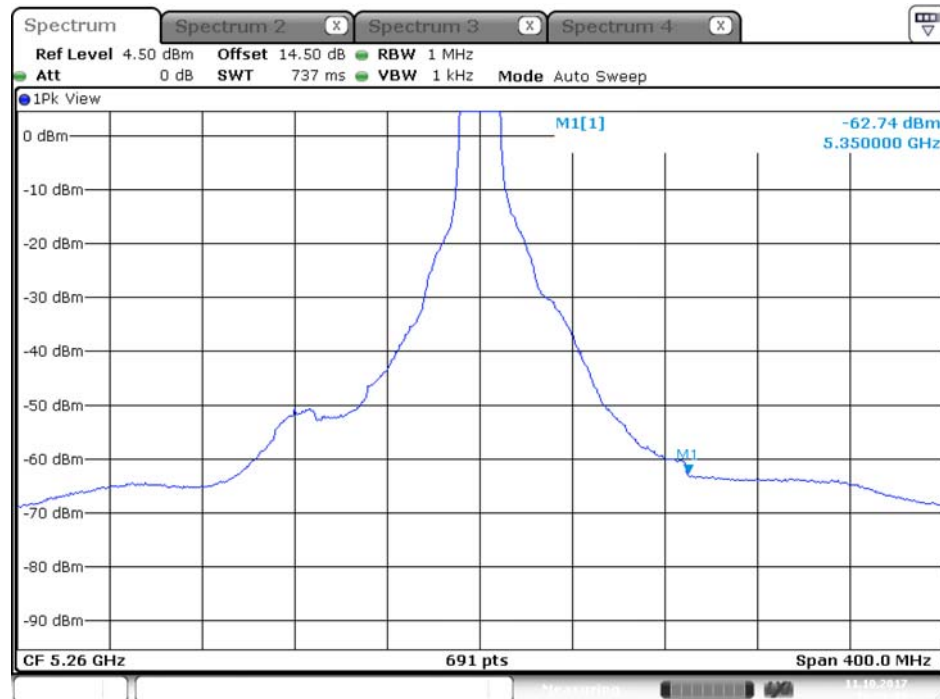
| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5510 MHz       | -65.60                                  | -67.21                                  | -41.32                           | -41.25      | 0.07        |
| 5610 MHz       | -70.56                                  | -70.99                                  | -45.76                           | -41.25      | 4.51        |
| 5650 MHz       | -70.39                                  | -71.00                                  | -45.67                           | -41.25      | 4.42        |
| 5720 MHz       | -73.01                                  | -74.20                                  | -48.55                           | -41.25      | 7.30        |

|                      |           |                       |                                   |
|----------------------|-----------|-----------------------|-----------------------------------|
| <b>Temperature</b>   | 27.1°C    | <b>Humidity</b>       | 79%                               |
| <b>Test Engineer</b> | Ron Huang | <b>Configurations</b> | QPSK, 80M / Peak / Port 1 +Port 2 |

| Frequency(MHz) | Port 1 (TX1)<br>Spurious Level<br>(dBm) | Port 2 (TX2)<br>Spurious Level<br>(dBm) | Total<br>Spurious Level<br>(dBm) | Limit (dBm) | Margin (dB) |
|----------------|-----------------------------------------|-----------------------------------------|----------------------------------|-------------|-------------|
| 5510 MHz       | -52.34                                  | -56.46                                  | -28.92                           | -21.25      | 7.67        |
| 5610 MHz       | -51.75                                  | -54.63                                  | -27.95                           | -21.25      | 6.70        |
| 5650 MHz       | -51.80                                  | -54.38                                  | -27.89                           | -21.25      | 6.64        |
| 5720 MHz       | -60.39                                  | -60.75                                  | -35.56                           | -21.25      | 14.31       |

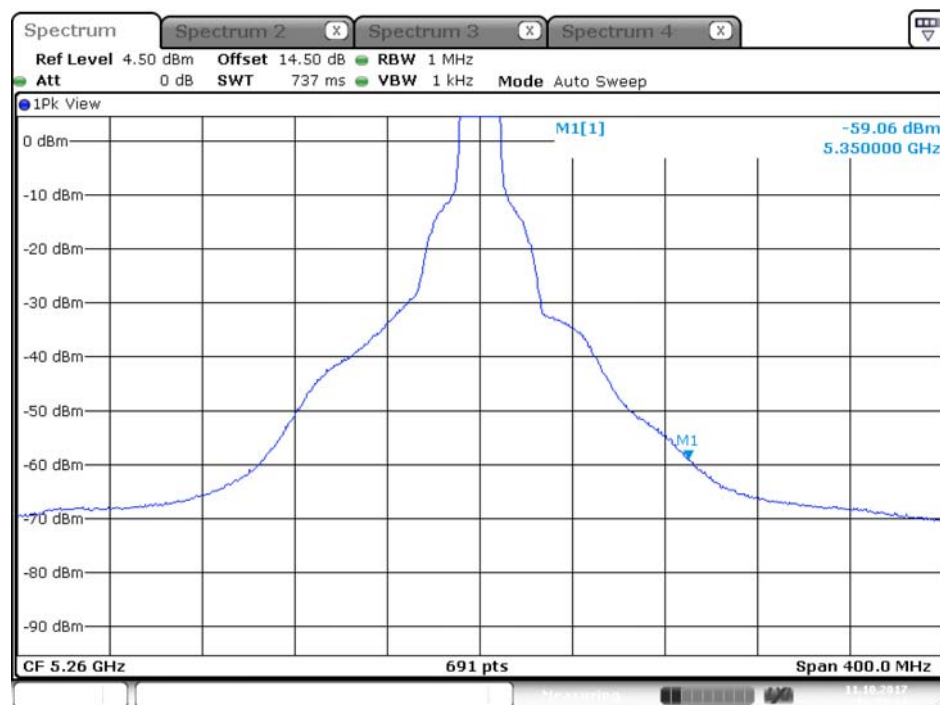
For Antenna 1:

Plot on Configuration QPSK, 20M / 5260 MHz / Average / Port 1 (TX1)



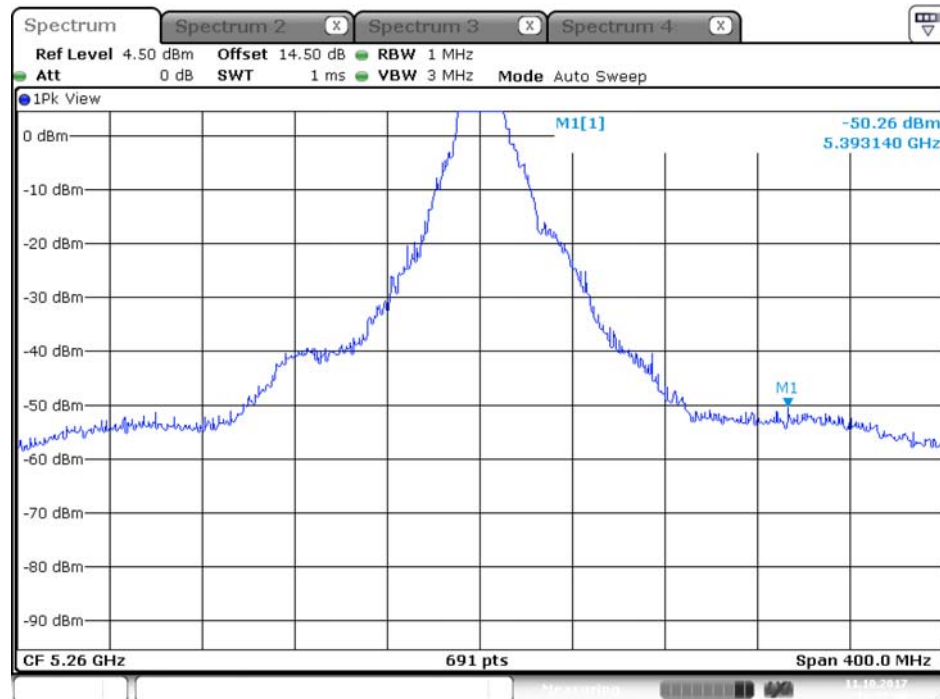
Date: 11.OCT.2017 10:56:38

Plot on Configuration QPSK, 20M / 5260 MHz / Average / Port 2 (TX2)



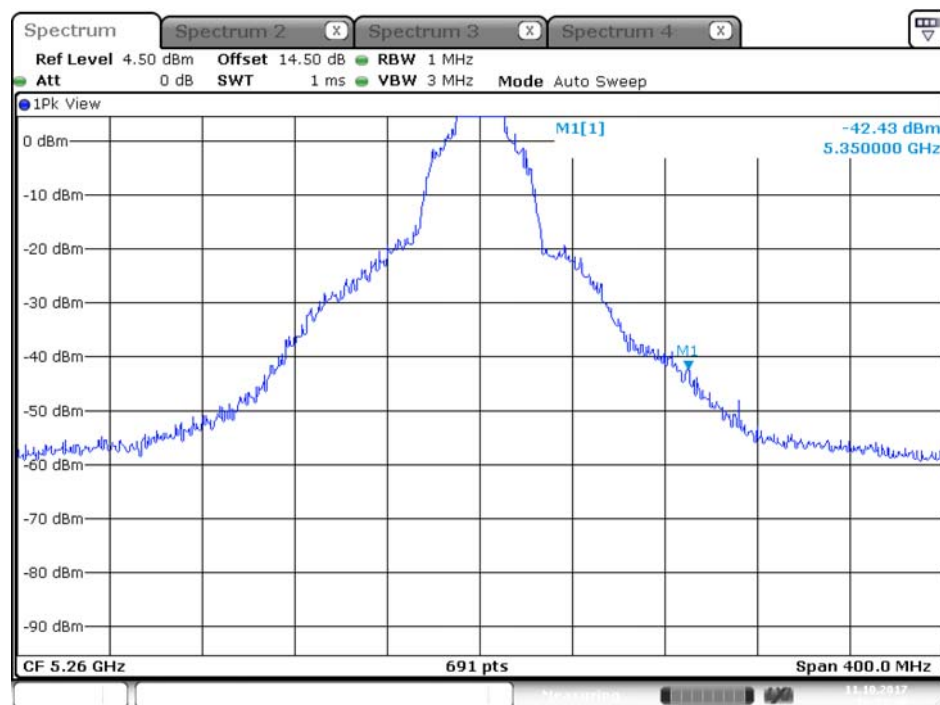
Date: 11.OCT.2017 10:52:15

### Plot on Configuration QPSK, 20M / 5260 MHz / Peak / Port 1 (TX1)



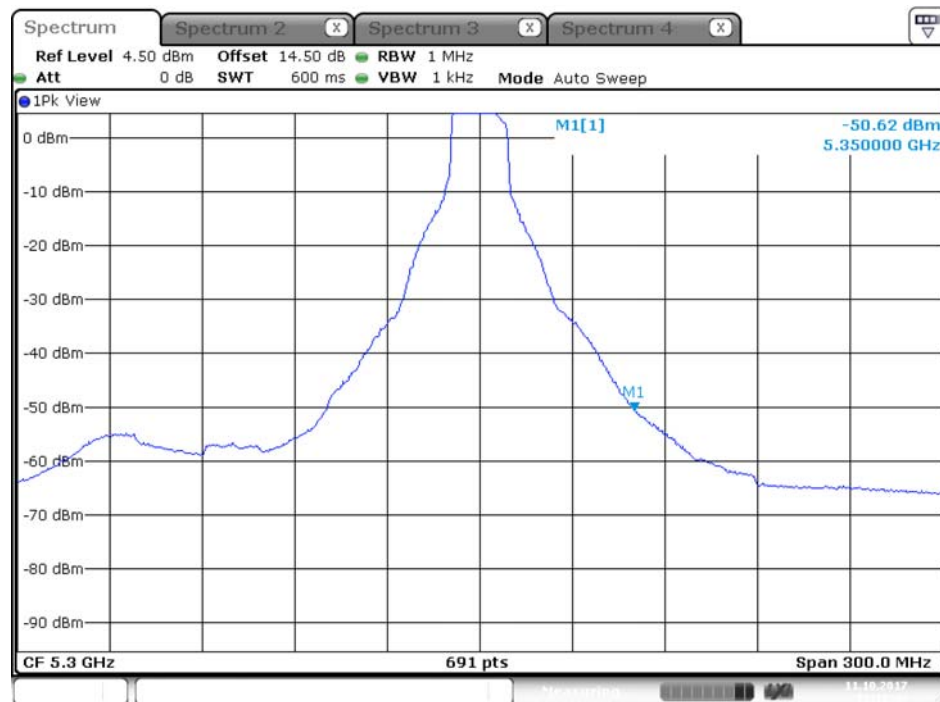
Date: 11.OCT.2017 10:57:48

### Plot on Configuration QPSK, 20M / 5260 MHz / Peak / Port 2 (TX2)



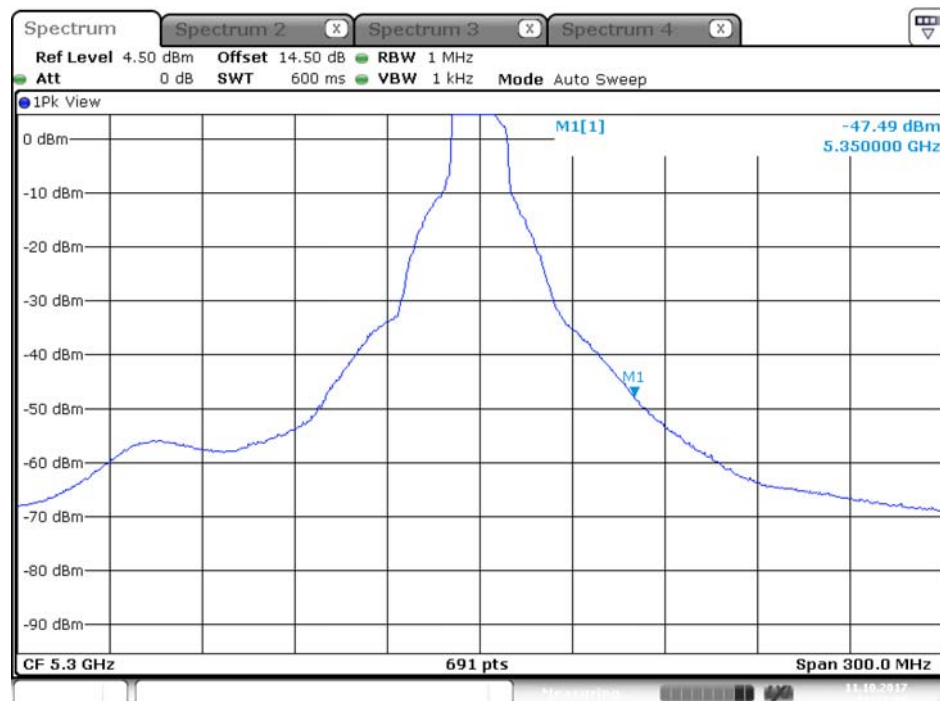
Date: 11.OCT.2017 10:53:48

### Plot on Configuration QPSK, 20M / 5300 MHz / Average / Port 1 (TX1)



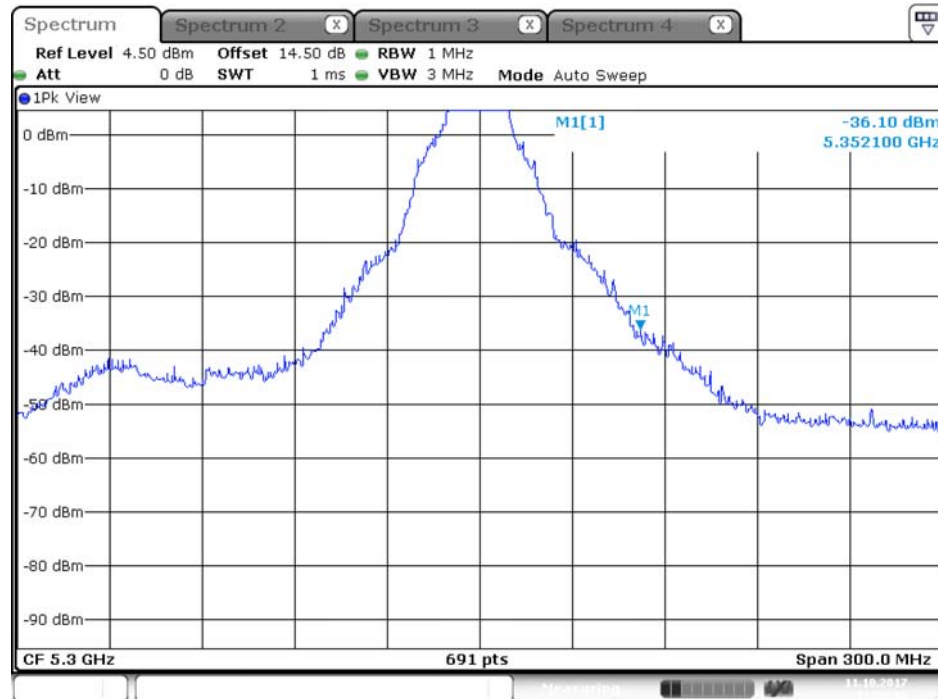
Date: 11.OCT.2017 11:18:42

### Plot on Configuration QPSK, 20M / 5300 MHz / Average / Port 2 (TX2)



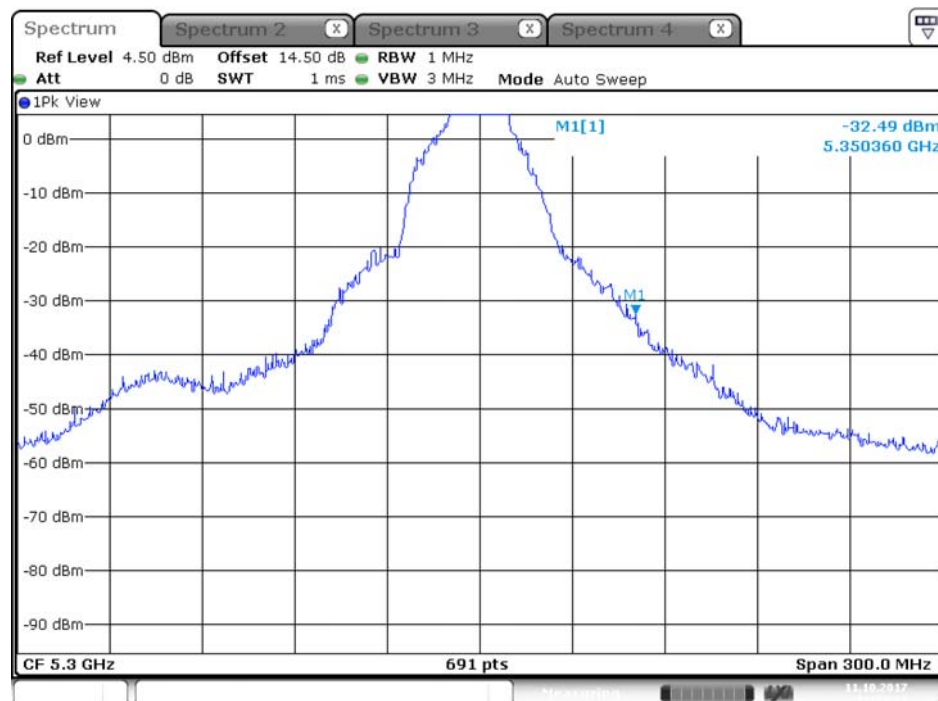
Date: 11.OCT.2017 11:22:38

### Plot on Configuration QPSK, 20M / 5300 MHz / Peak / Port 1 (TX1)



Date: 11.OCT.2017 11:20:16

### Plot on Configuration QPSK, 20M / 5300 MHz / Peak / Port 2 (TX2)



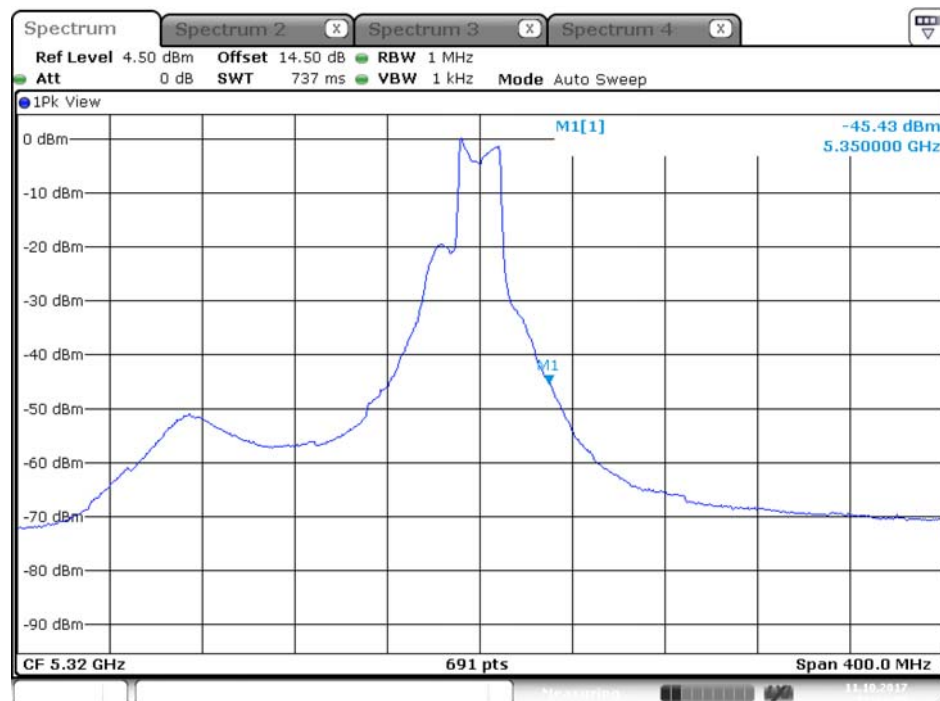
Date: 11.OCT.2017 11:23:37

### Plot on Configuration QPSK, 20M / 5320 MHz / Average / Port 1 (TX1)



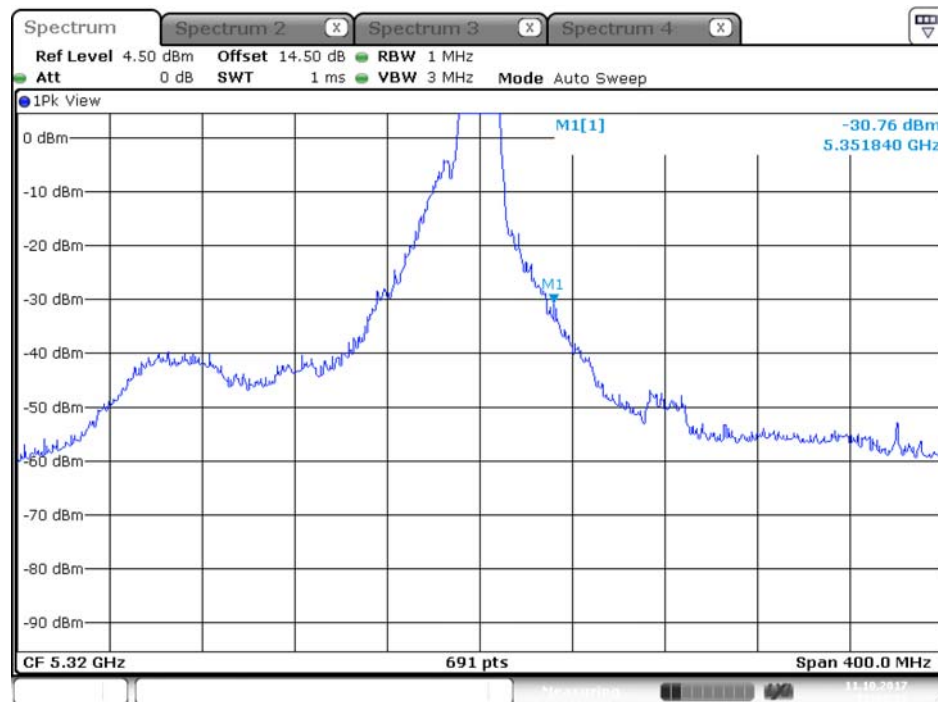
Date: 11.OCT.2017 11:42:17

### Plot on Configuration QPSK, 20M / 5320 MHz / Average / Port 2 (TX2)



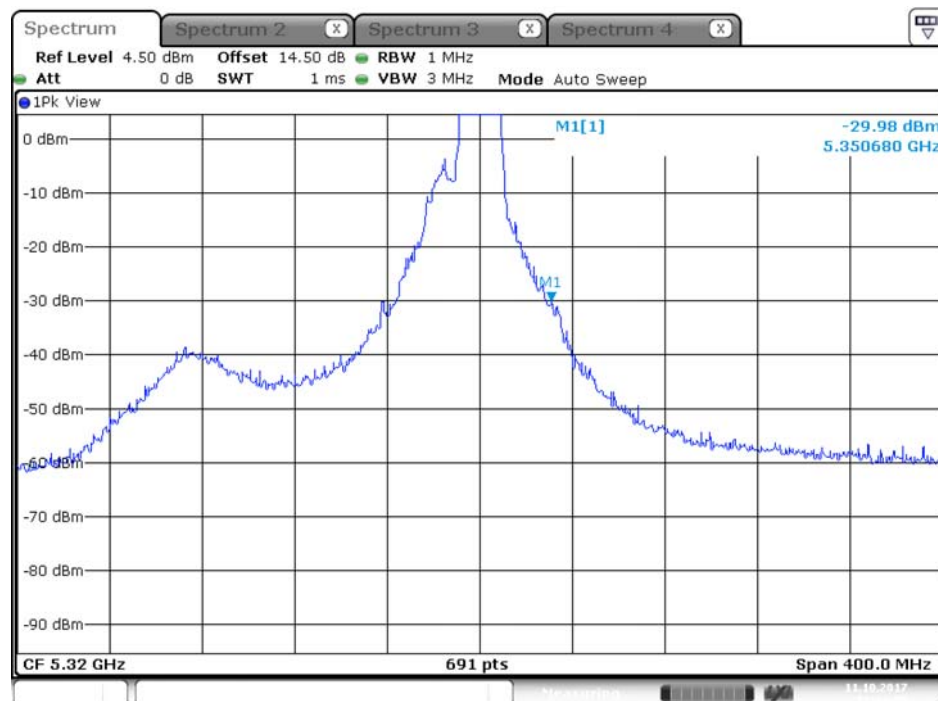
Date: 11.OCT.2017 11:44:28

### Plot on Configuration QPSK, 20M / 5320 MHz / Peak / Port 1 (TX1)



Date: 11.OCT.2017 11:43:12

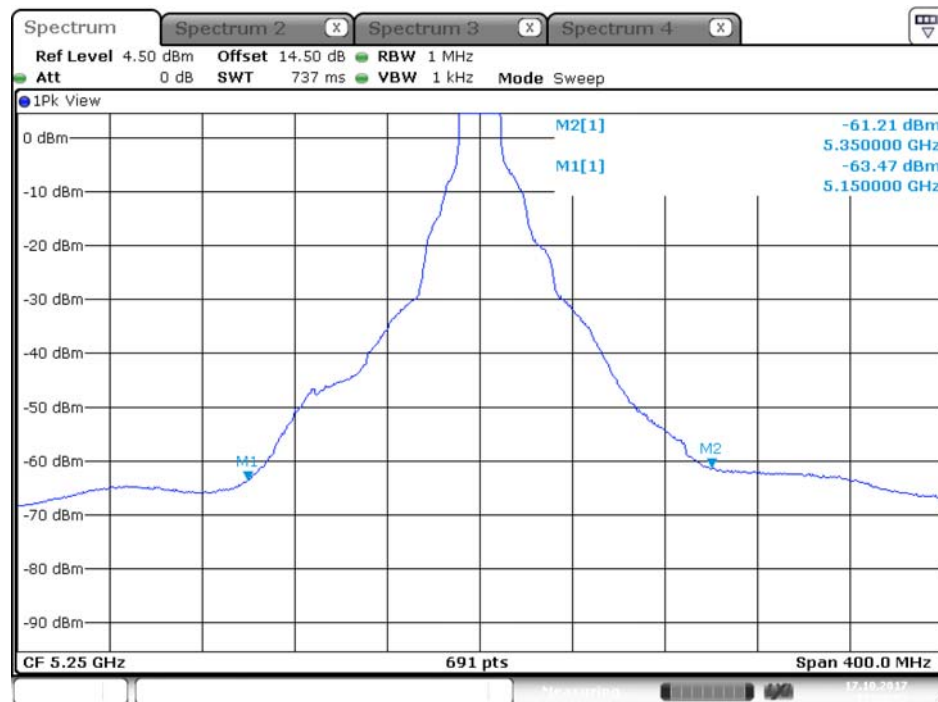
### Plot on Configuration QPSK, 20M / 5320 MHz / Peak / Port 2 (TX2)



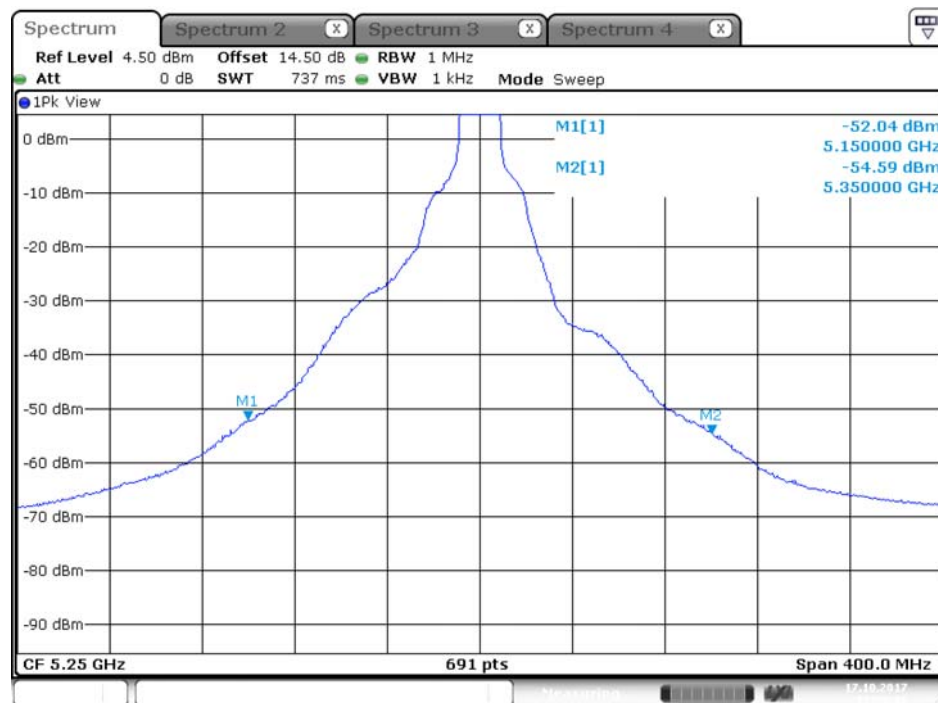
Date: 11.OCT.2017 11:44:58



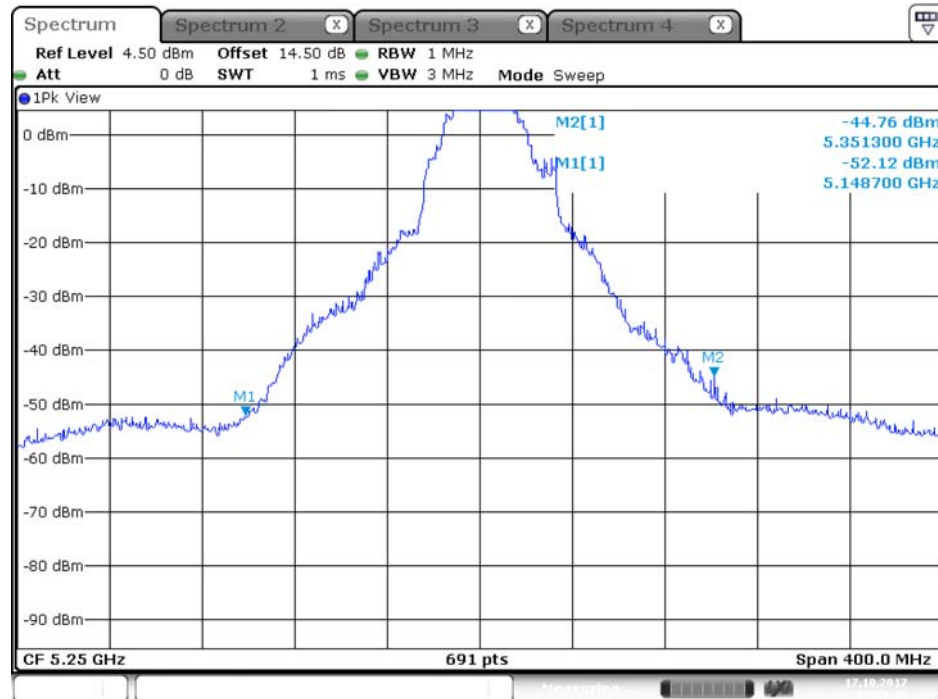
### Plot on Configuration QPSK, 20M / 5250 MHz / Average / Port 1 (TX1)



### Plot on Configuration QPSK, 20M / 5250 MHz / Average / Port 2 (TX2)

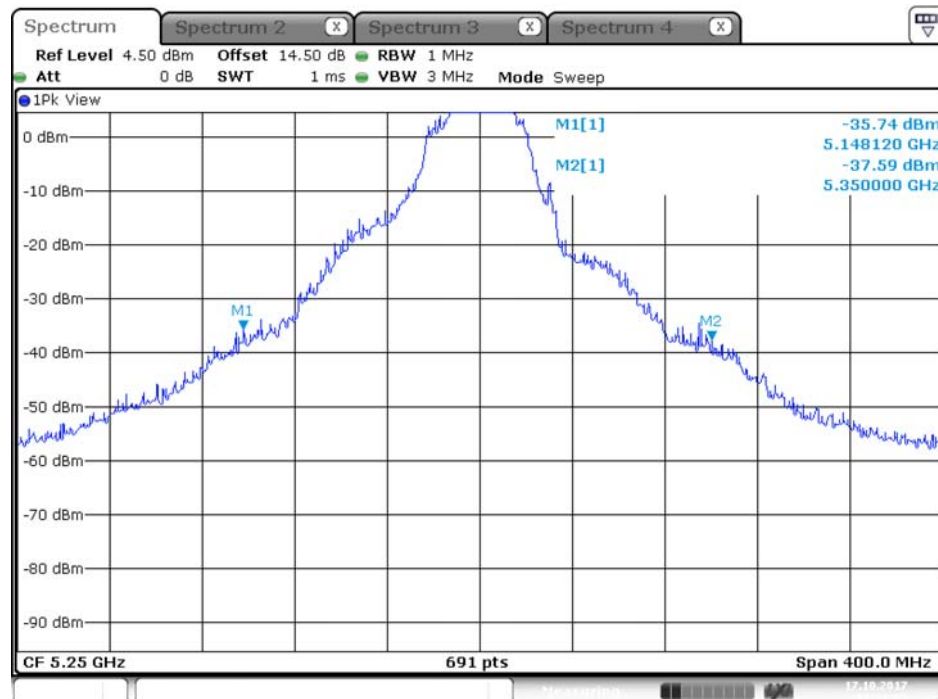


### Plot on Configuration QPSK, 20M / 5250 MHz / Peak / Port 1 (TX1)



Date: 17.OCT.2017 17:21:42

### Plot on Configuration QPSK, 20M / 5250 MHz / Peak / Port 2 (TX2)



Date: 17.OCT.2017 17:22:52

### Plot on Configuration QPSK, 80M / 5290 MHz / Average / Port 1 (TX1)



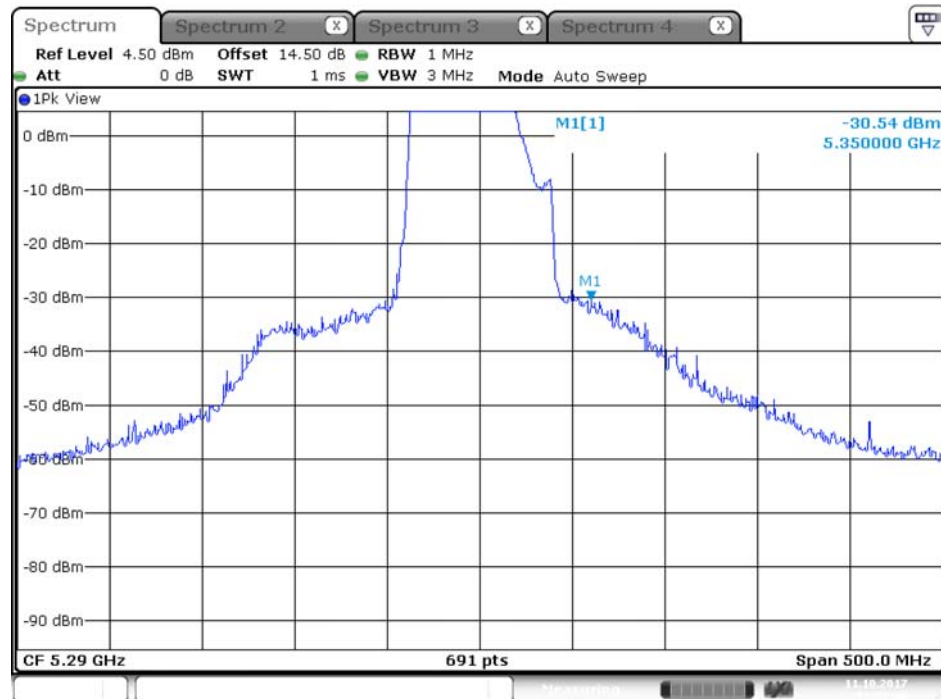
Date: 11.OCT.2017 11:51:59

### Plot on Configuration QPSK, 80M / 5290 MHz / Average / Port 2 (TX2)



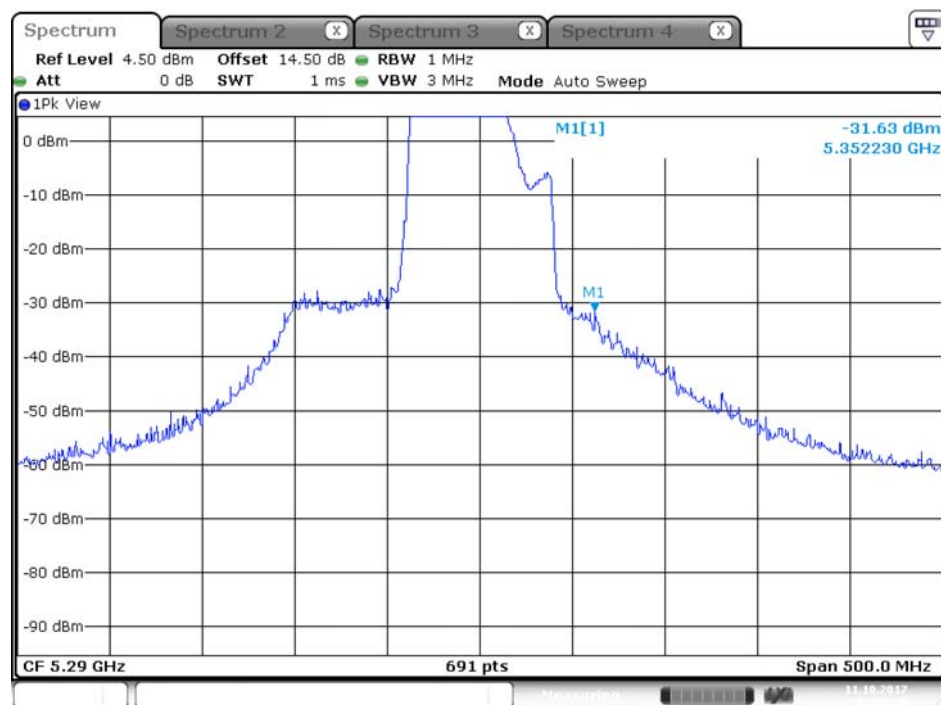
Date: 11.OCT.2017 11:55:02

### Plot on Configuration QPSK, 80M / 5290 MHz / Peak / Port 1 (TX1)



Date: 11.OCT.2017 11:52:48

### Plot on Configuration QPSK, 80M / 5290 MHz / Peak / Port 2 (TX2)



Date: 11.OCT.2017 11:55:40

### Plot on Configuration QPSK, 80M / 5300 MHz / Average / Port 1 (TX1)



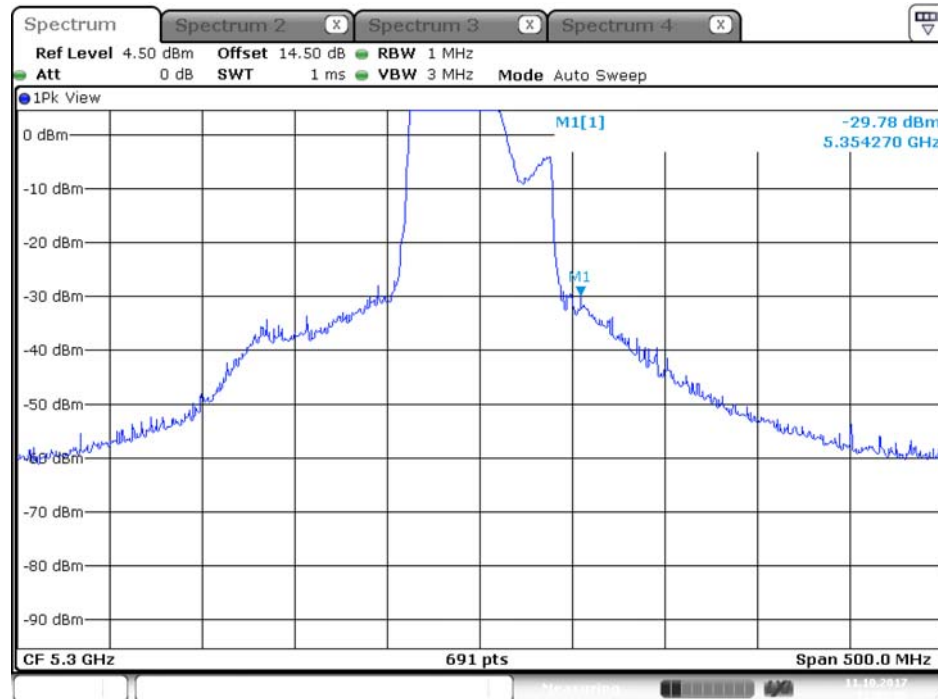
Date: 11.OCT.2017 12:00:42

### Plot on Configuration QPSK, 80M / 5300 MHz / Average / Port 2 (TX2)



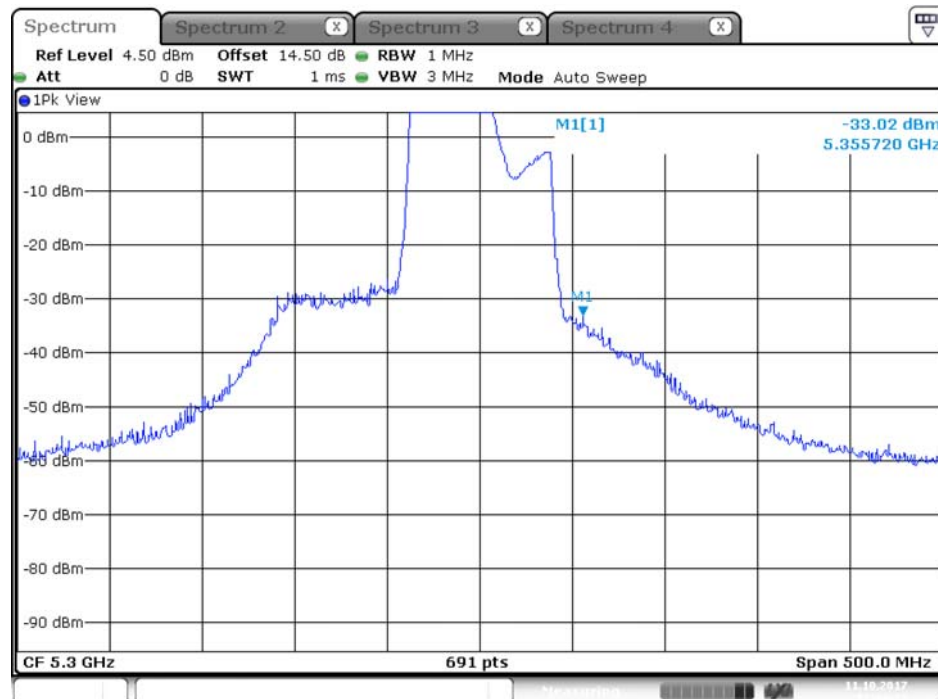
Date: 11.OCT.2017 12:03:20

### Plot on Configuration QPSK, 80M / 5300 MHz / Peak / Port 1 (TX1)



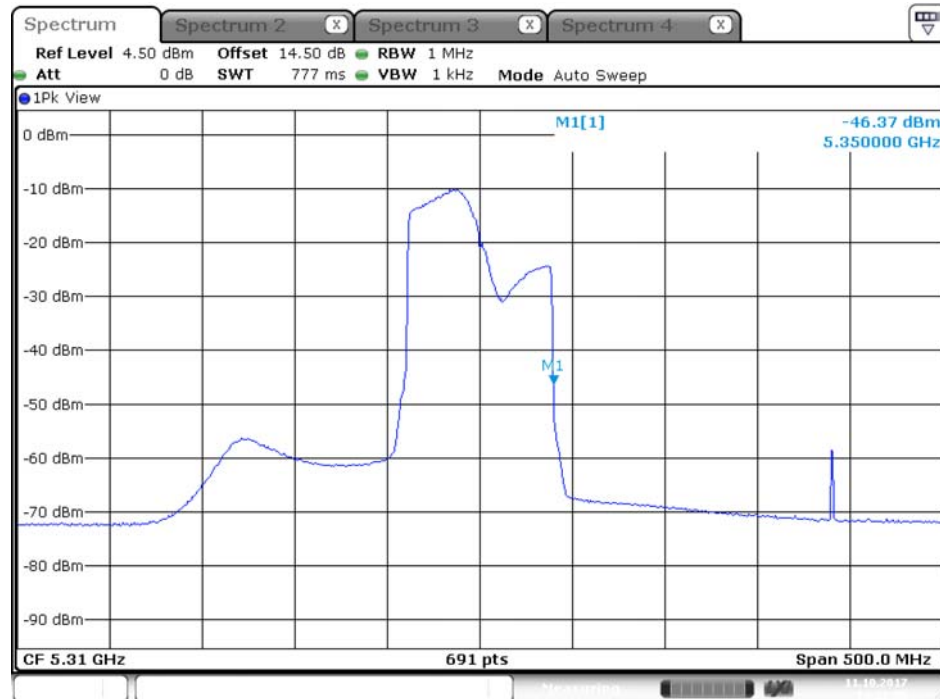
Date: 11.OCT.2017 12:05:36

### Plot on Configuration QPSK, 80M / 5300 MHz / Peak / Port 2 (TX2)



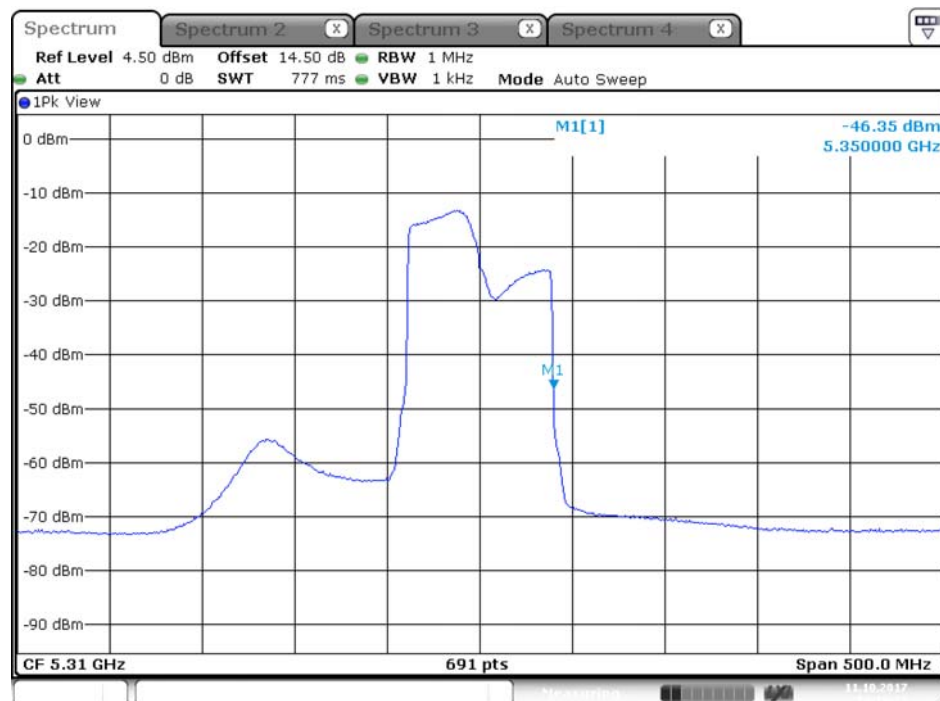
Date: 11.OCT.2017 12:04:11

### Plot on Configuration QPSK, 80M / 5310 MHz / Average / Port 1 (TX1)



Date: 11.OCT.2017 14:22:54

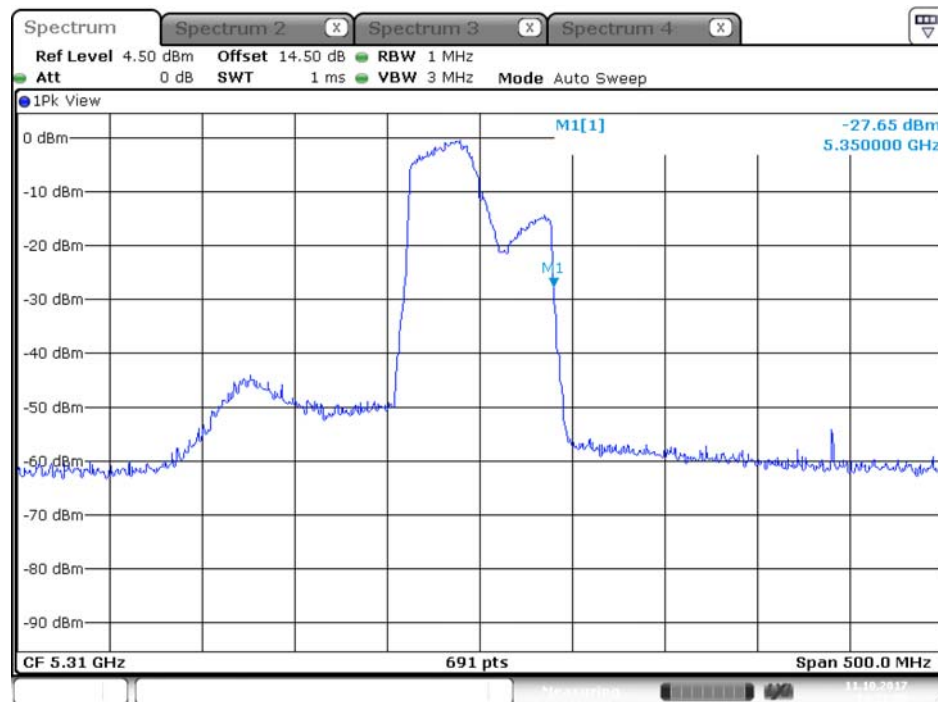
### Plot on Configuration QPSK, 80M / 5310 MHz / Average / Port 2 (TX2)



Date: 11.OCT.2017 14:19:22

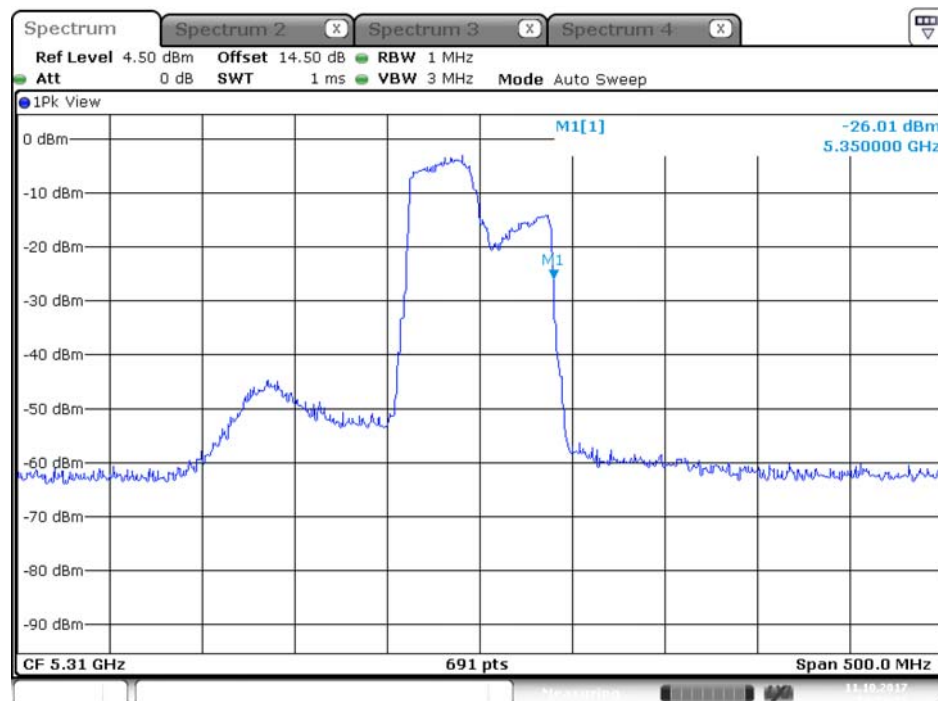


### Plot on Configuration QPSK, 80M / 5310 MHz / Peak / Port 1 (TX1)



Date: 11.OCT.2017 14:21:58

### Plot on Configuration QPSK, 80M / 5310 MHz / Peak / Port 2 (TX2)



Date: 11.OCT.2017 14:24:10



### Plot on Configuration QPSK, 80M / 5250 MHz / Average / Port 1 (TX1)



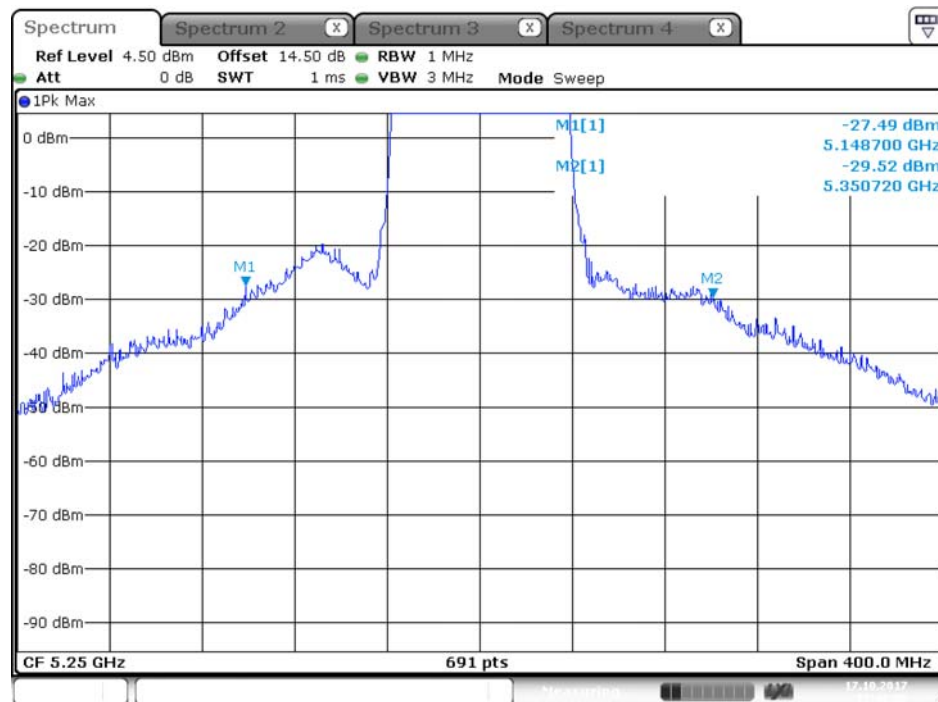
Date: 17.OCT.2017 17:50:04

### Plot on Configuration QPSK, 80M / 5250 MHz / Average / Port 2 (TX2)

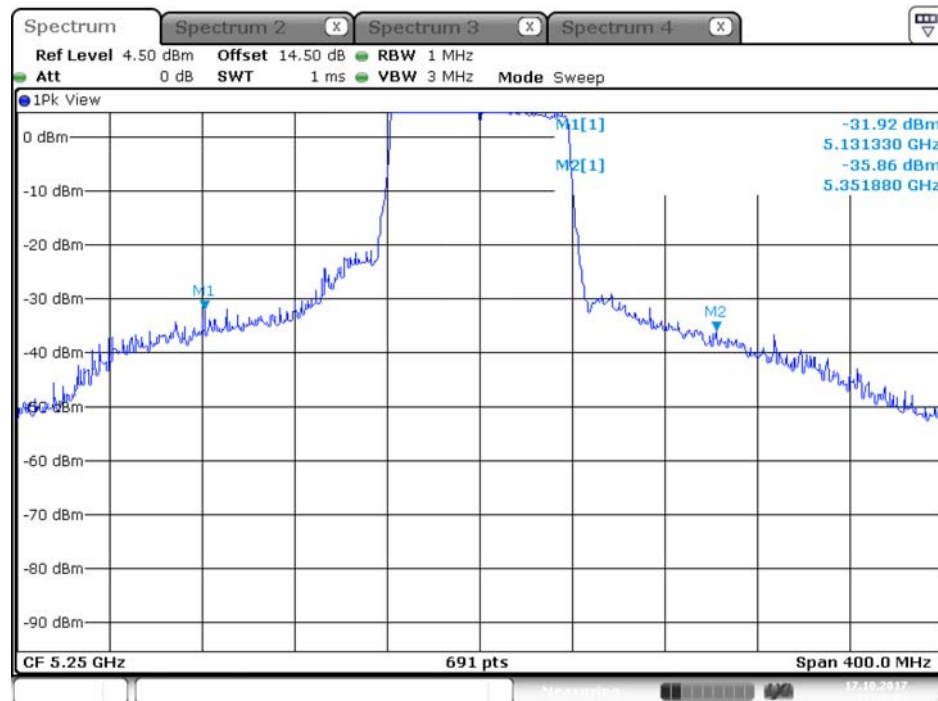


Date: 17.OCT.2017 17:46:59

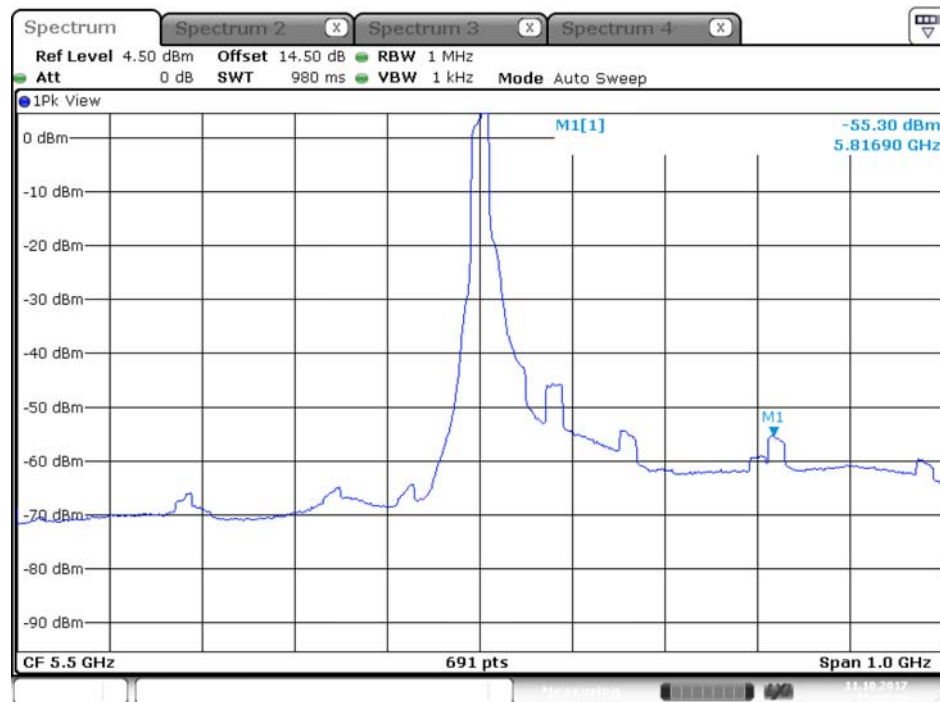
### Plot on Configuration QPSK, 80M / 5250 MHz / Peak / Port 1 (TX1)



### Plot on Configuration QPSK, 80M / 5250 MHz / Peak / Port 2 (TX2)

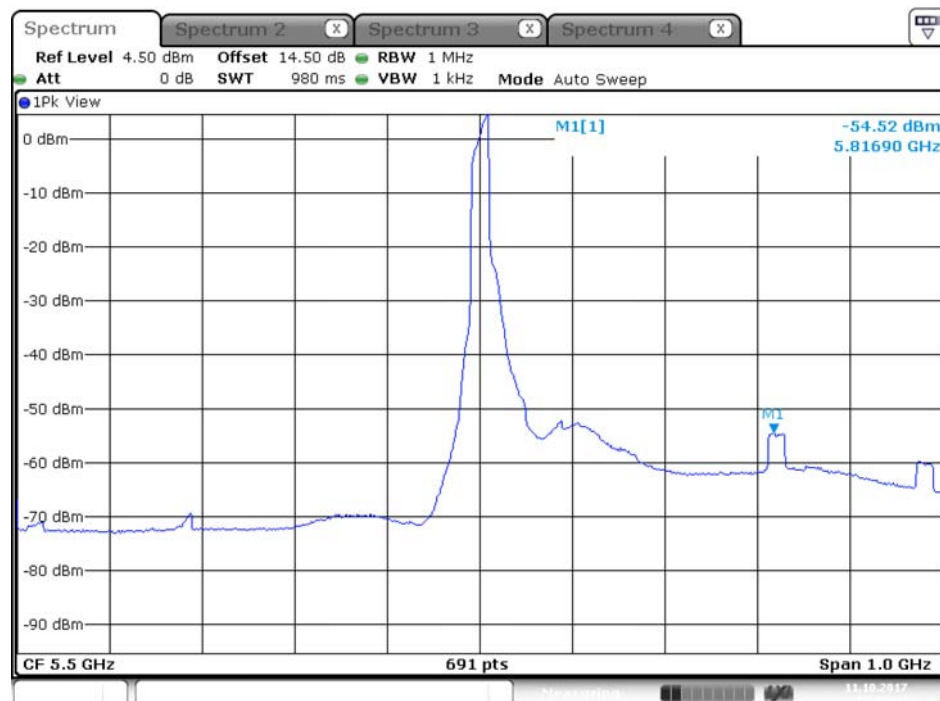


### Plot on Configuration QPSK, 20M / 5500 MHz / Average / Port 1 (TX1)



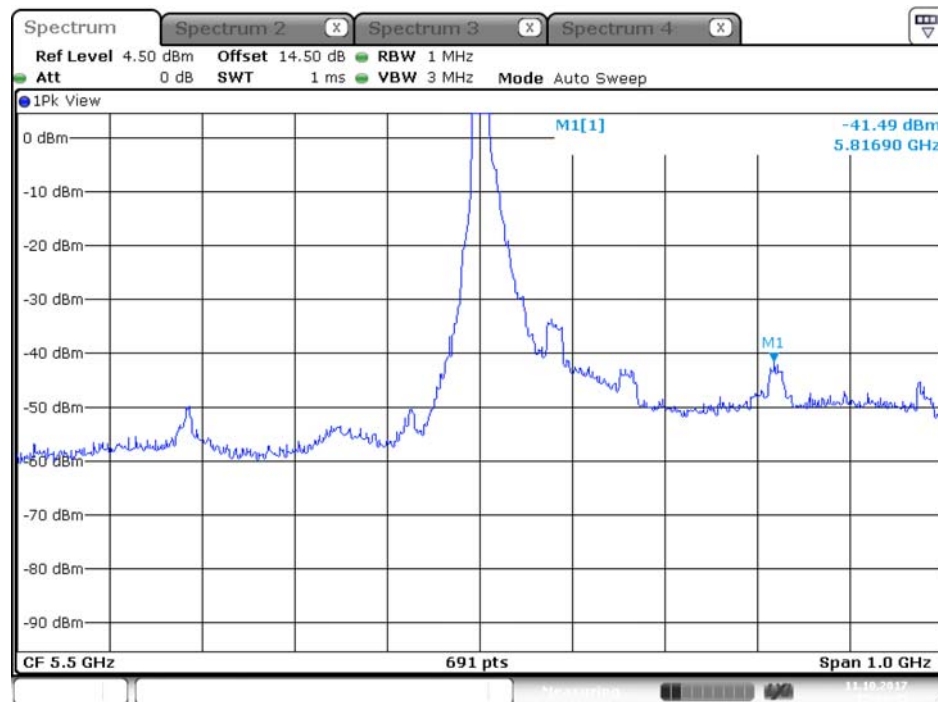
Date: 11.OCT.2017 15:33:25

### Plot on Configuration QPSK, 20M / 5500 MHz / Average / Port 2 (TX2)



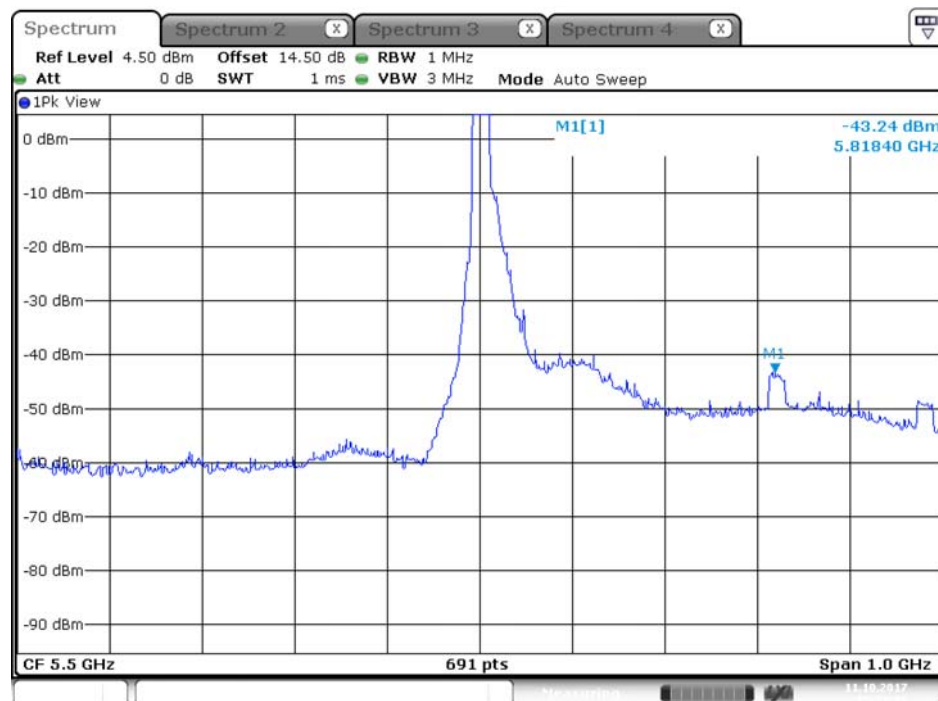
Date: 11.OCT.2017 15:24:43

### Plot on Configuration QPSK, 20M / 5500 MHz / Peak / Port 1 (TX1)



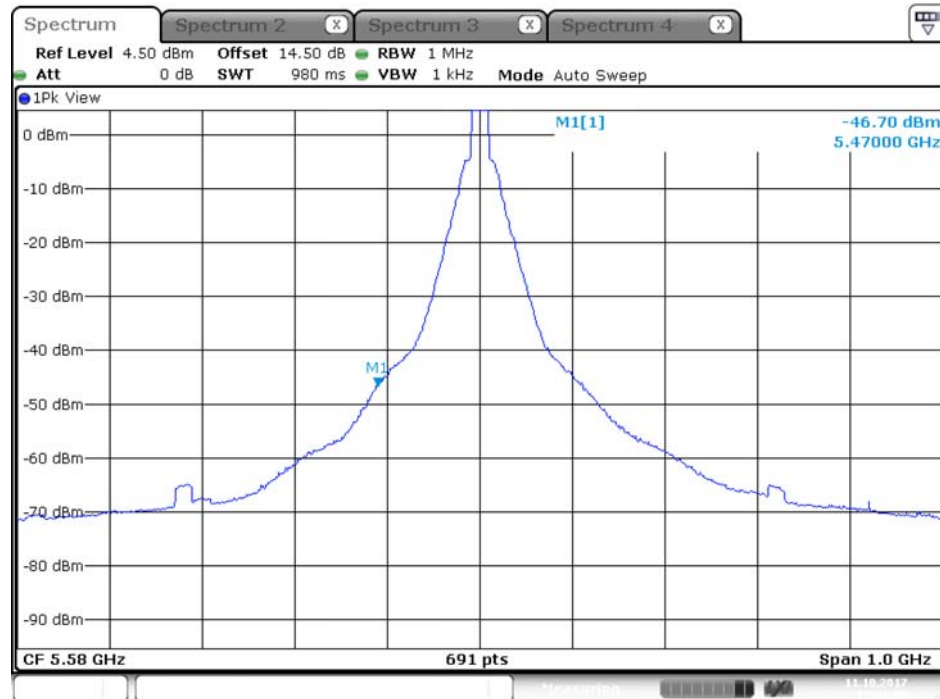
Date: 11.OCT.2017 15:34:46

### Plot on Configuration QPSK, 20M / 5500 MHz / Peak / Port 2 (TX2)



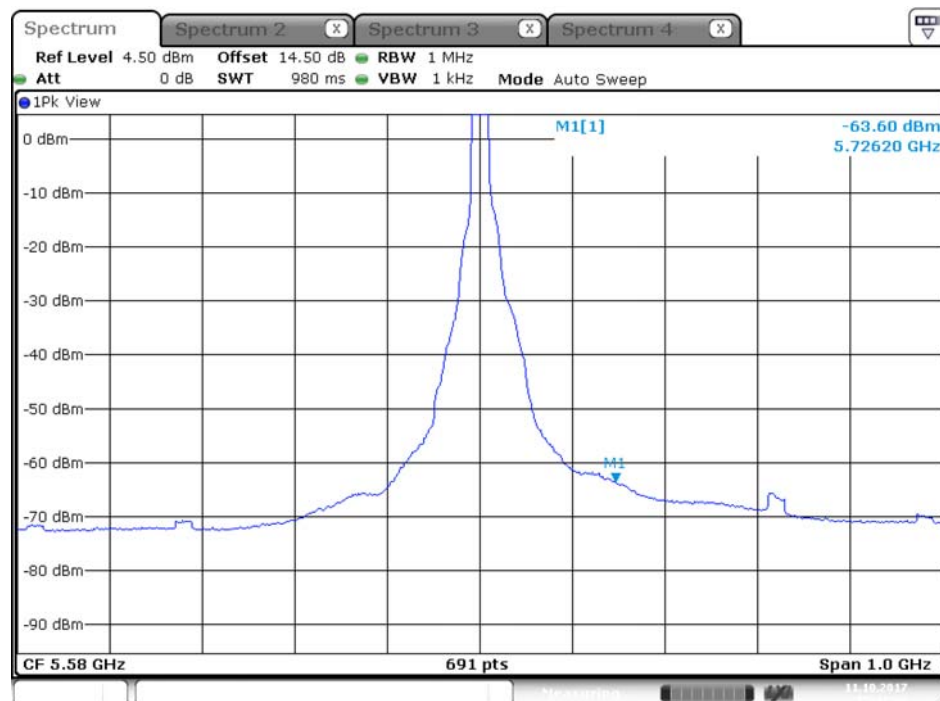
Date: 11.OCT.2017 15:23:15

### Plot on Configuration QPSK, 20M / 5580 MHz / Average / Port 1 (TX1)



Date: 11.OCT.2017 15:38:58

### Plot on Configuration QPSK, 20M / 5580 MHz / Average / Port 2 (TX2)



Date: 11.OCT.2017 15:41:47



The screenshot displays a spectrum analyzer interface with the following settings and data:

- Windows:** Spectrum 2, Spectrum 3, Spectrum 4.
- Ref Level:** 4.50 dBm
- Offset:** 14.50 dB
- RBW:** 1 MHz
- Att:** 0 dB
- SWT:** 1 ms
- VBW:** 3 MHz
- Mode:** Auto Sweep
- View:** 1Pk View

The main display shows a spectrum plot with a prominent peak. The peak is labeled **M1** with a blue arrow pointing to its base. The peak's maximum value is indicated as **M1[1]** at **-27.83 dBm** and **5.47000 GHz**. The x-axis represents frequency, with a center frequency (CF) of **5.58 GHz**, a span of **1.0 GHz**, and **691 pts** displayed. The y-axis represents power in dBm, ranging from -90 dBm to 0 dBm.

Spectrum 2 Spectrum 3 Spectrum 4

Ref Level 4.50 dBm Offset 14.50 dB RBW 1 MHz  
Att 0 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep

1Pk View

0 dBm  
-10 dBm  
-20 dBm  
-30 dBm  
-40 dBm  
-50 dBm  
-60 dBm  
-70 dBm  
-80 dBm  
-90 dBm

M1[1] -51.58 dBm  
5.73480 GHz

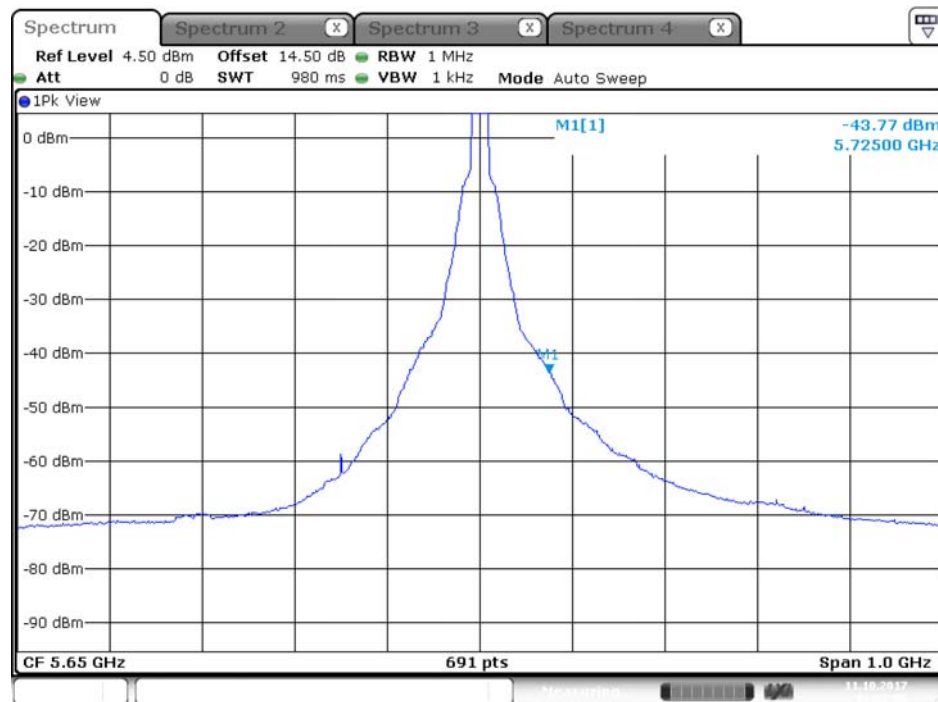
M1

CF 5.58 GHz 691 pts Span 1.0 GHz

11-10-2017

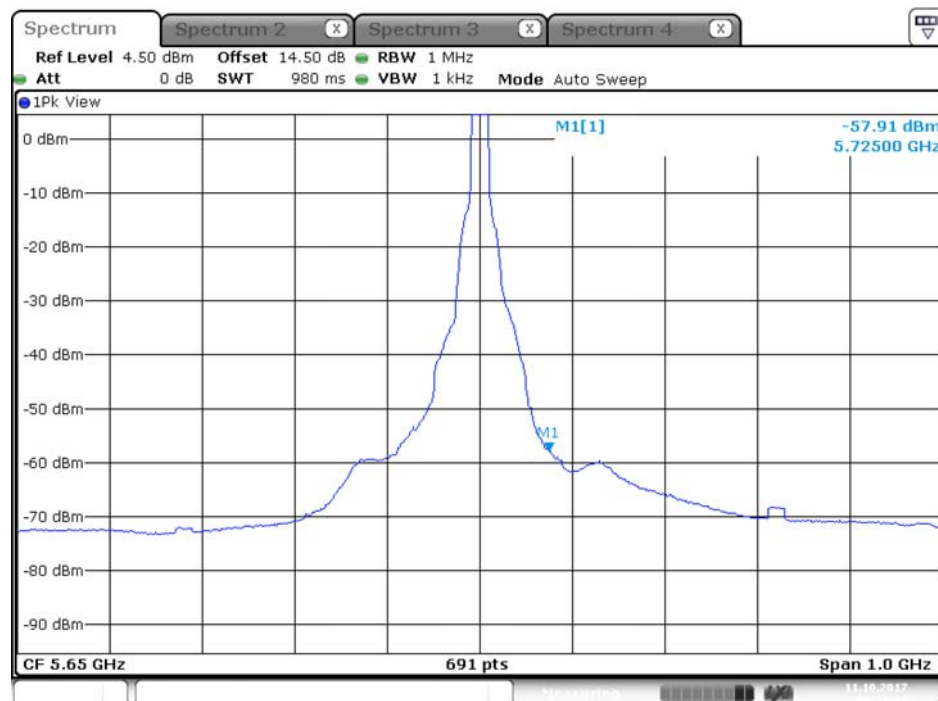
Issued Date : Jul. 26, 2018

### Plot on Configuration QPSK, 20M / 5650 MHz / Average / Port 1 (TX1)



Date: 11.OCT.2017 16:28:06

### Plot on Configuration QPSK, 20M / 5650 MHz / Average / Port 2 (TX2)



Date: 11.OCT.2017 16:21:14





The screenshot shows a Spectrum Analyzer interface with the following settings and data:

- Panel Labels:** Spectrum, Spectrum 2, Spectrum 3, Spectrum 4.
- Parameters:**
  - Ref Level: 4.50 dBm
  - Offset: 14.50 dB
  - RBW: 1 MHz
  - Att: 0 dB
  - SWT: 1 ms
  - VBW: 3 MHz
  - Mode: Auto Sweep
- View:** 1Pk View
- Graph:** A plot of power spectral density (dBm) versus frequency (GHz). The y-axis ranges from -90 dBm to 0 dBm. The x-axis ranges from 5.65 GHz to 5.75 GHz. A prominent peak is visible at 5.72670 GHz, reaching a level of -25.99 dBm. The peak is labeled M1[1].
- Axis Labels:**
  - Y-axis: 0 dBm, -10 dBm, -20 dBm, -30 dBm, -40 dBm, -50 dBm, -60 dBm, -70 dBm, -80 dBm, -90 dBm.
  - X-axis: CF 5.65 GHz, 691 pts, Span 1.0 GHz.
- Bottom Bar:** Measurement, 11.10.2017.

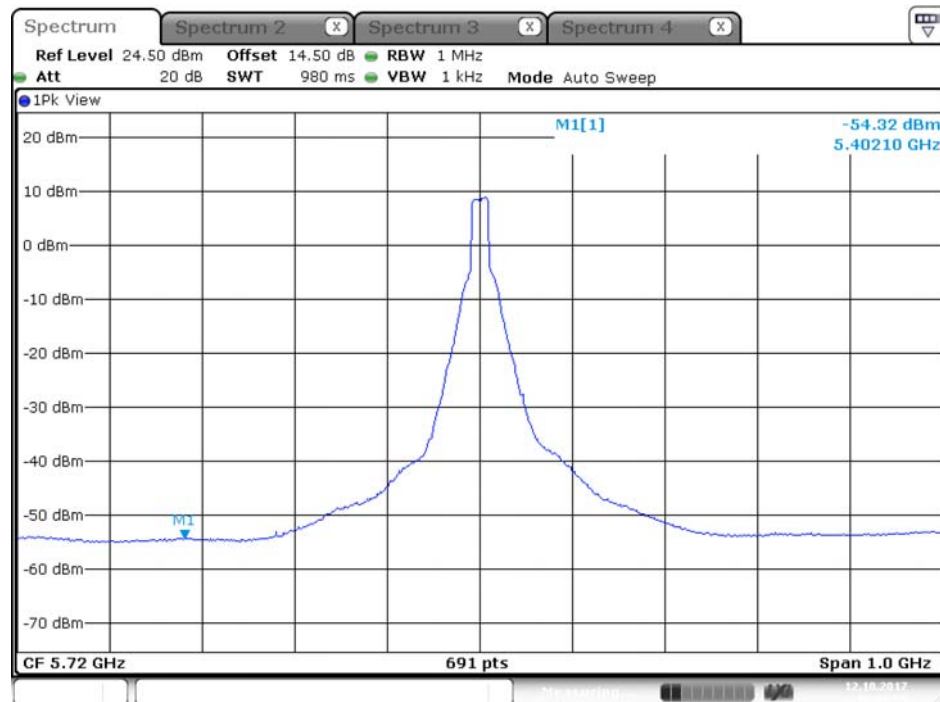
The screenshot shows a Spectrum Analyzer interface with the following settings and data:

- Top Panel:**
  - Spectrum 2** (selected), **Spectrum 3**, **Spectrum 4**
  - Ref Level:** 4.50 dBm
  - Offset:** 14.50 dB
  - RBW:** 1 MHz
  - Att:** 0 dB
  - SWT:** 1 ms
  - VBW:** 3 MHz
  - Mode:** Auto Sweep
- Main Display:**
  - View:** 1Pk View
  - Y-axis:** Power in dBm, ranging from -90 dBm to 0 dBm.
  - X-axis:** Frequency in GHz, ranging from 5.65 GHz to 5.75 GHz.
  - Signal:** A sharp peak is visible at 5.72810 GHz, reaching a power level of approximately -45.82 dBm.
  - Annotations:**
    - M1[1]** points to the peak.
    - M1** points to the noise floor.
- Bottom Panel:**
  - CF:** 5.65 GHz
  - Span:** 1.0 GHz
  - Resolution:** 691 pts

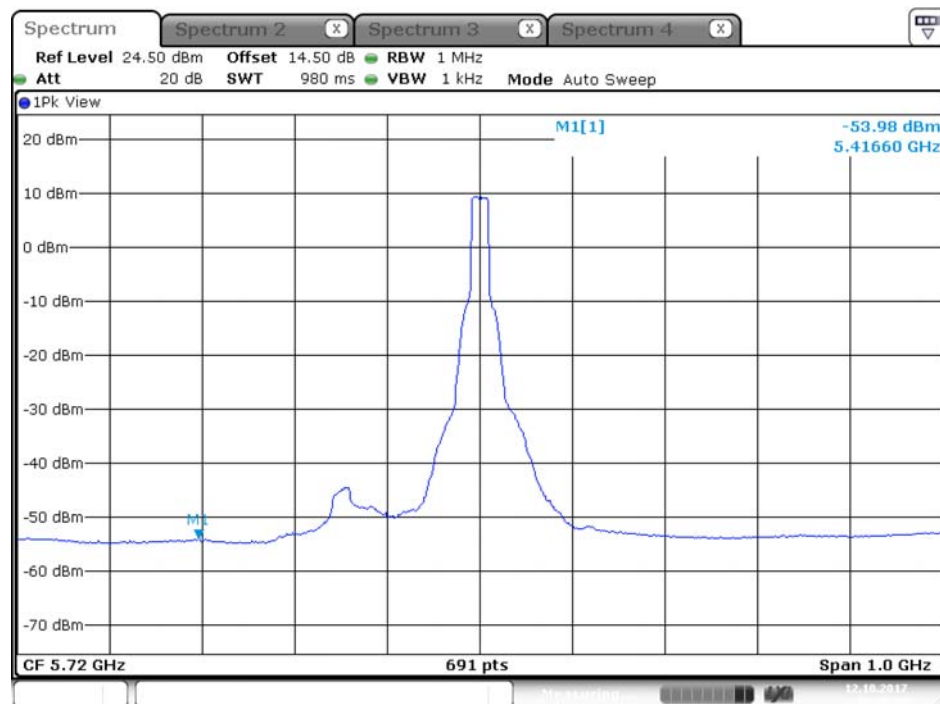
Issued Date : Jul. 26, 2018



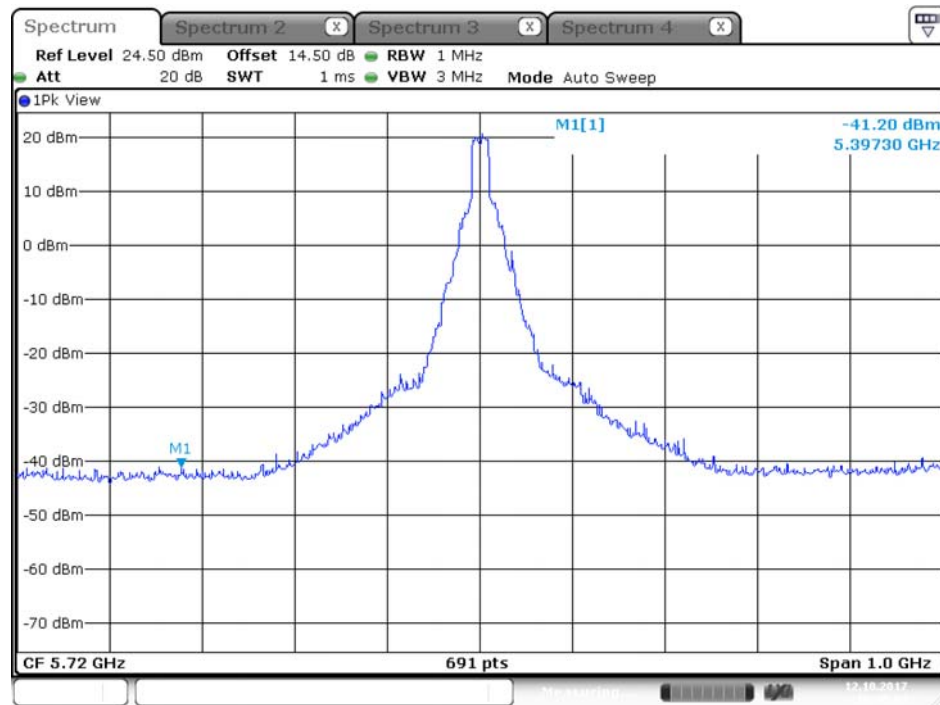
### Plot on Configuration QPSK, 20M / 5720 MHz / Average / Port 1 (TX1)



### Plot on Configuration QPSK, 20M / 5720 MHz / Average / Port 2 (TX2)

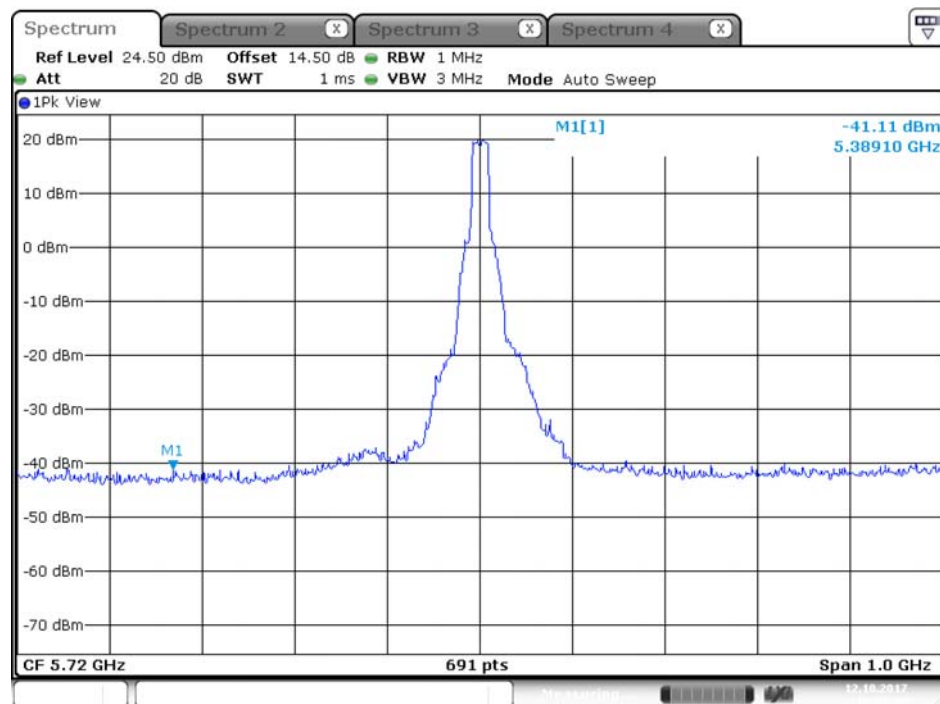


### Plot on Configuration QPSK, 20M / 5720 MHz / Peak / Port 1 (TX1)



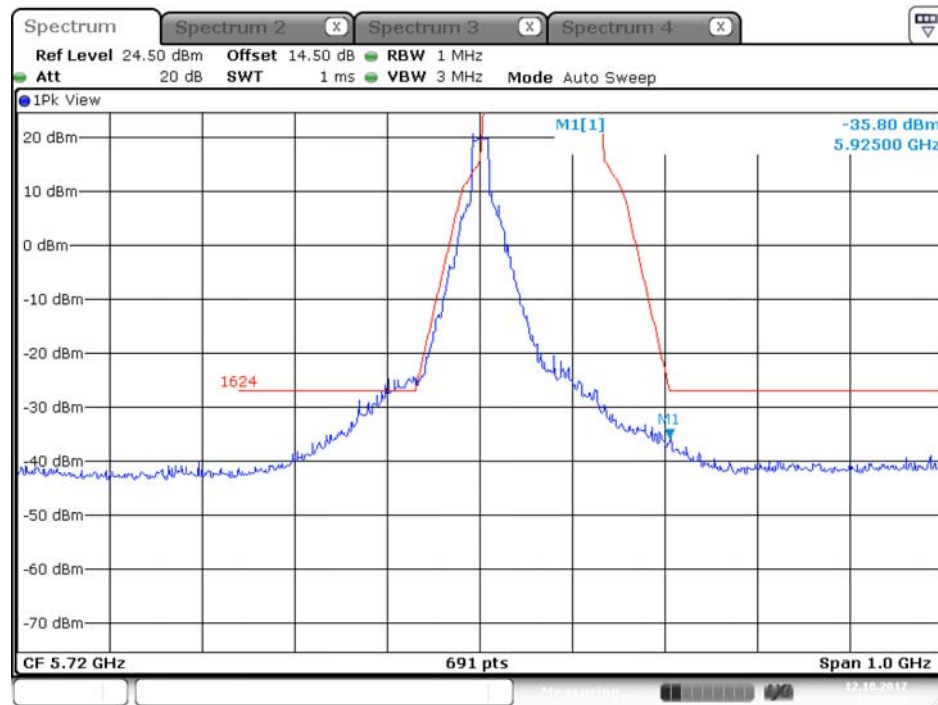
Date: 12.OCT.2017 16:40:01

### Plot on Configuration QPSK, 20M / 5720 MHz / Peak / Port 2 (TX2)



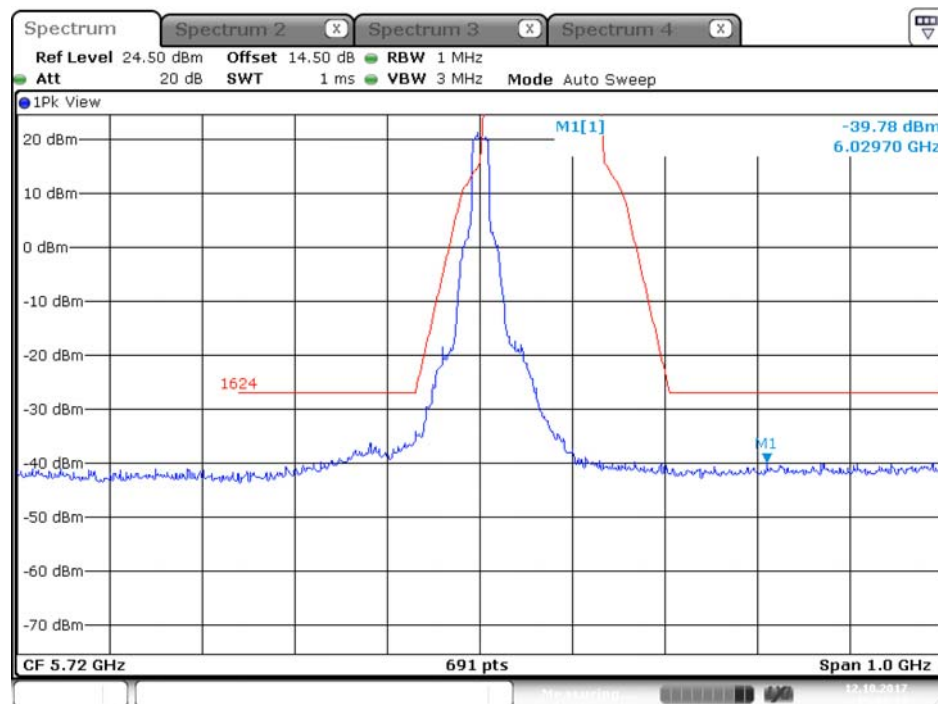
Date: 12.OCT.2017 16:38:42

### Plot on Configuration QPSK, 20M / 5720 MHz / Peak / Port 1 (TX1)



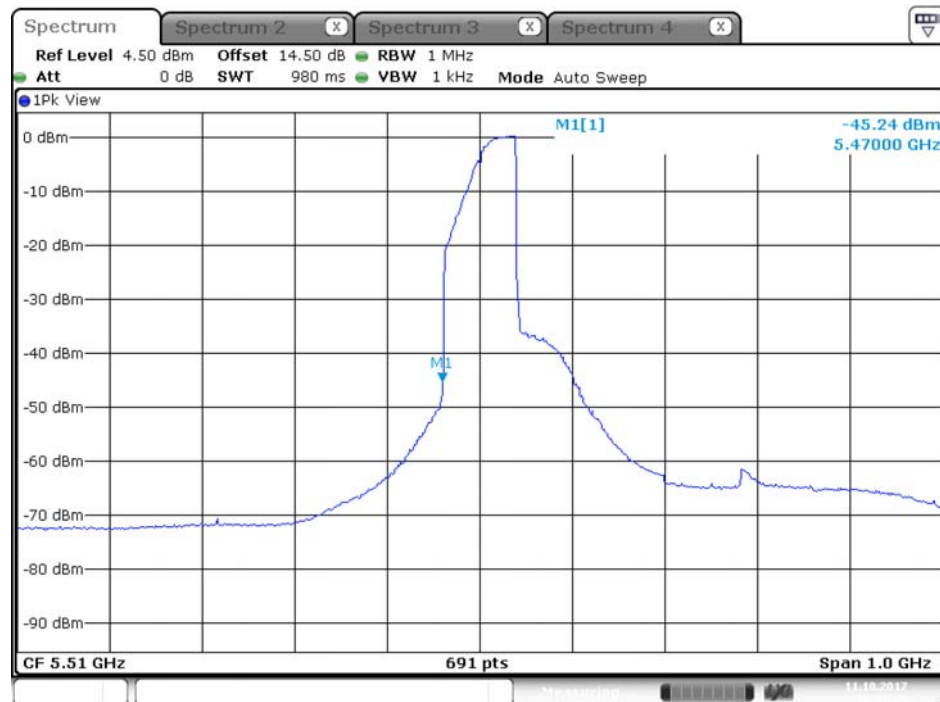
Date: 12.OCT.2017 15:23:58

### Plot on Configuration QPSK, 20M / 5720 MHz / Peak / Port 2 (TX2)



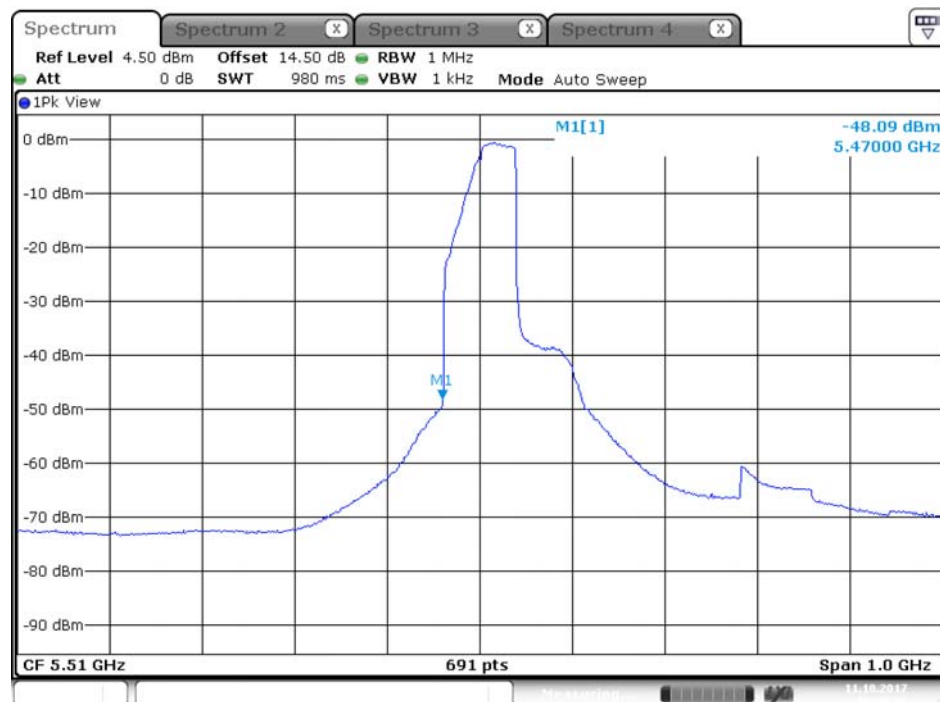
Date: 12.OCT.2017 15:43:10

### Plot on Configuration QPSK, 80M / 5510 MHz / Average / Port 1 (TX1)



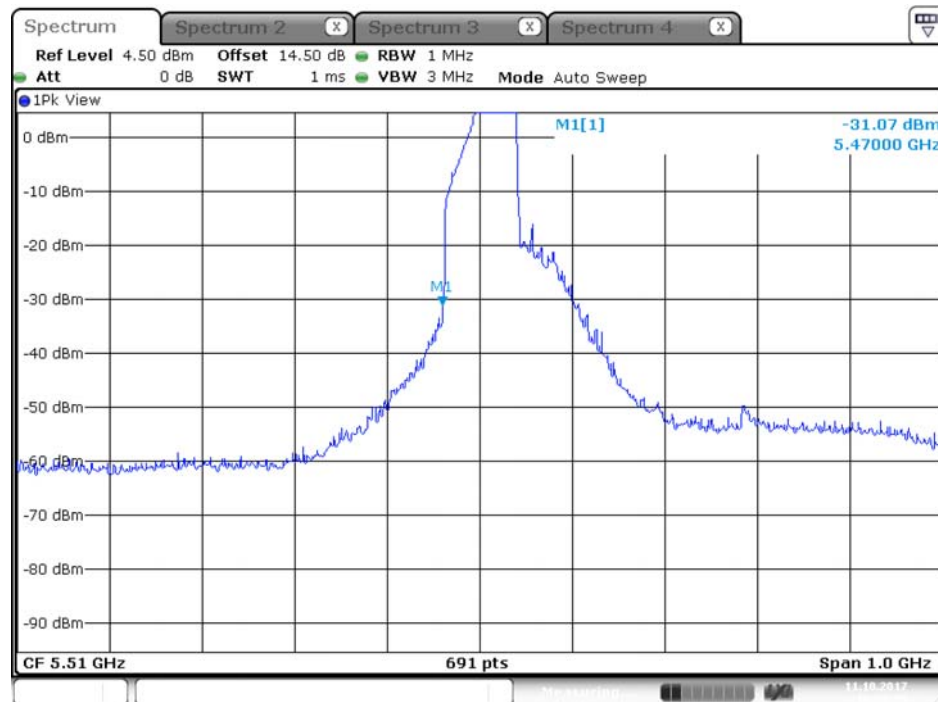
Date: 11.OCT.2017 16:37:46

### Plot on Configuration QPSK, 80M / 5510 MHz / Average / Port 2 (TX2)



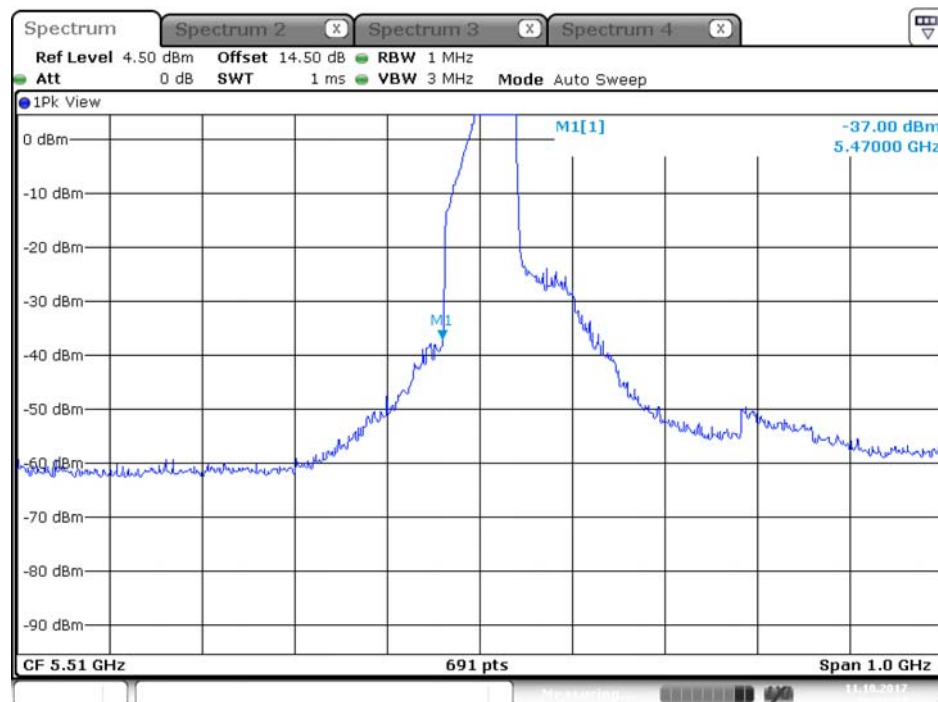
Date: 11.OCT.2017 16:40:36

### Plot on Configuration QPSK, 80M / 5510 MHz / Peak / Port 1 (TX1)



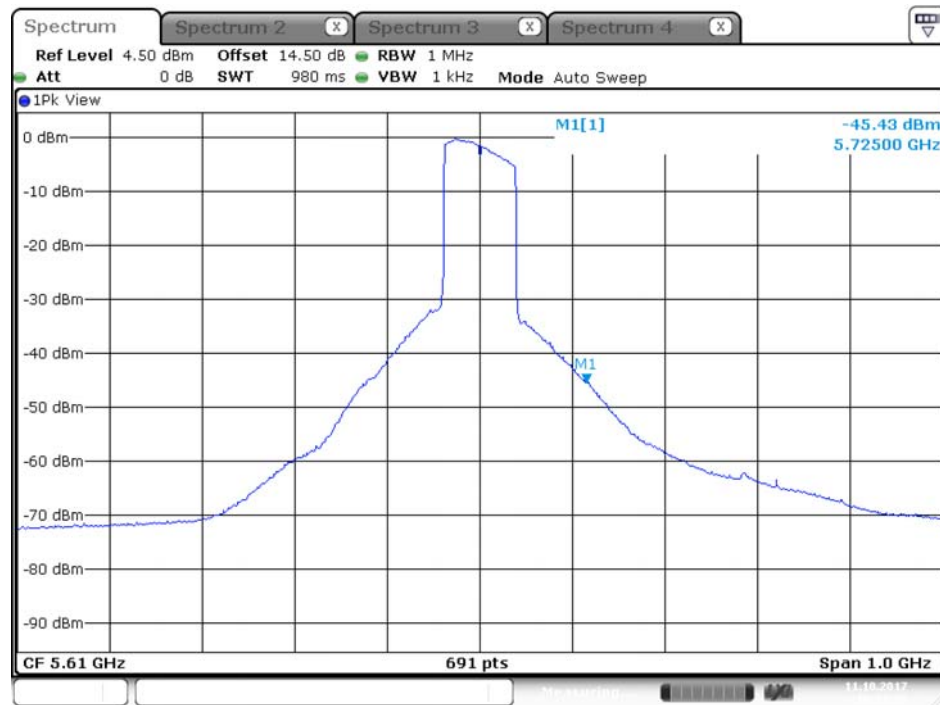
Date: 11.OCT.2017 16:38:35

### Plot on Configuration QPSK, 80M / 5510 MHz / Peak / Port 2 (TX2)



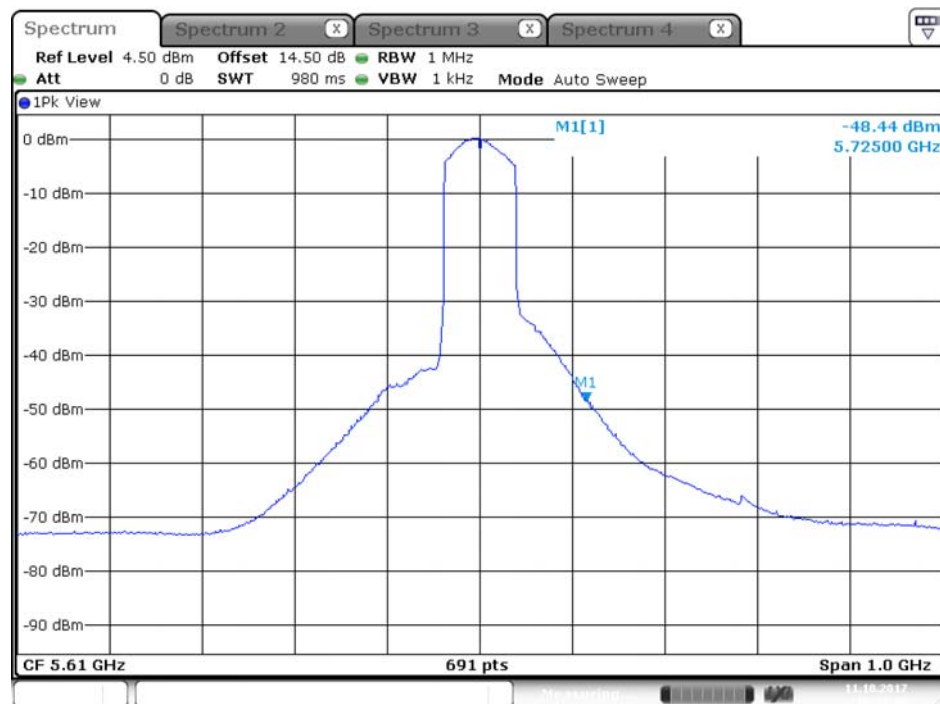
Date: 11.OCT.2017 16:41:28

### Plot on Configuration QPSK, 80M / 5610 MHz / Average / Port 1 (TX1)



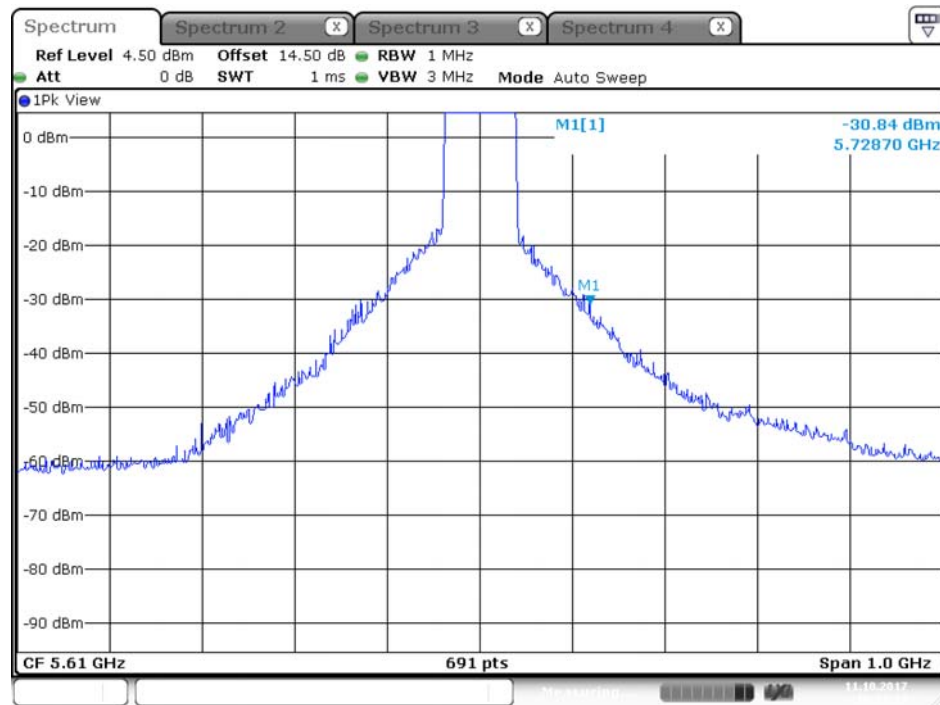
Date: 11.OCT.2017 16:51:26

### Plot on Configuration QPSK, 80M / 5610 MHz / Average / Port 2 (TX2)



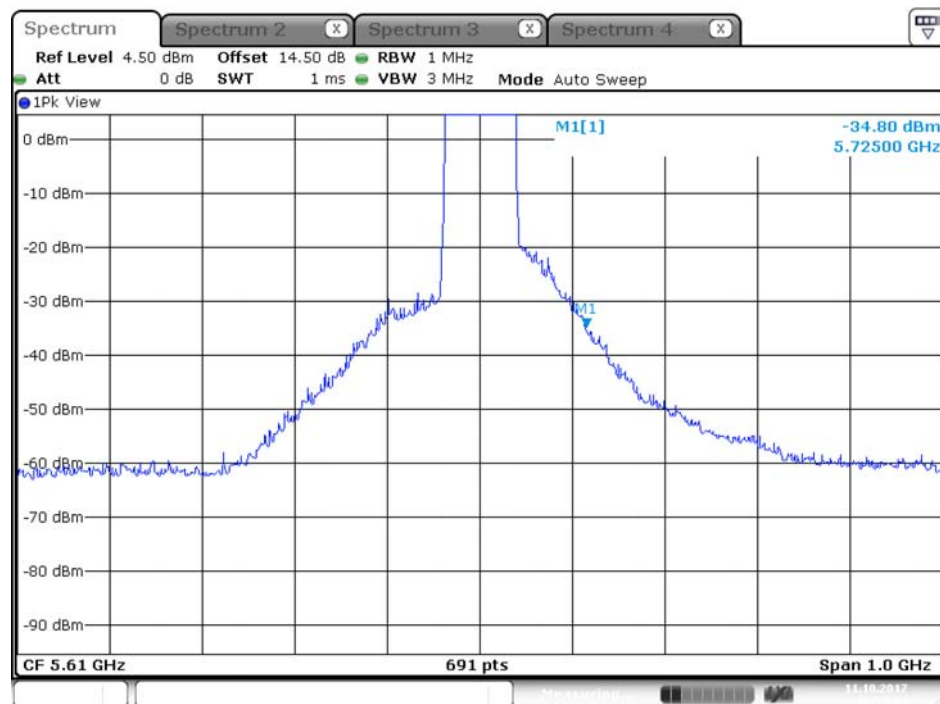
Date: 11.OCT.2017 16:53:48

### Plot on Configuration QPSK, 80M / 5610 MHz / Peak / Port 1 (TX1)



Date: 11.OCT.2017 16:52:10

### Plot on Configuration QPSK, 80M / 5610 MHz / Peak / Port 2 (TX2)



Date: 11.OCT.2017 16:55:03





Spectrum

Spectrum 2 X Spectrum 3 X Spectrum 4 X

Ref Level 4.50 dBm Offset 14.50 dB RBW 1 MHz  
Att 0 dB SWT 980 ms VBW 1 kHz Mode Auto Sweep

1Pk View

0 dBm  
-10 dBm  
-20 dBm  
-30 dBm  
-40 dBm  
-50 dBm  
-60 dBm  
-70 dBm  
-80 dBm  
-90 dBm

M1[1] -50.66 dBm  
5.72500 GHz

M1

CF 5.65 GHz 691 pts Span 1.0 GHz

18122017

Spectrum

Spectrum 2 Spectrum 3 Spectrum 4

Ref Level 4.50 dBm Offset 14.50 dB RBW 1 MHz

Att 0 dB SWT 980 ms VBW 1 kHz Mode Auto Sweep

1Pk View

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

-80 dBm

-90 dBm

CF 5.65 GHz

691 pts

Span 1.0 GHz

M1[1] -44.69 dBm 5.72500 GHz

M1

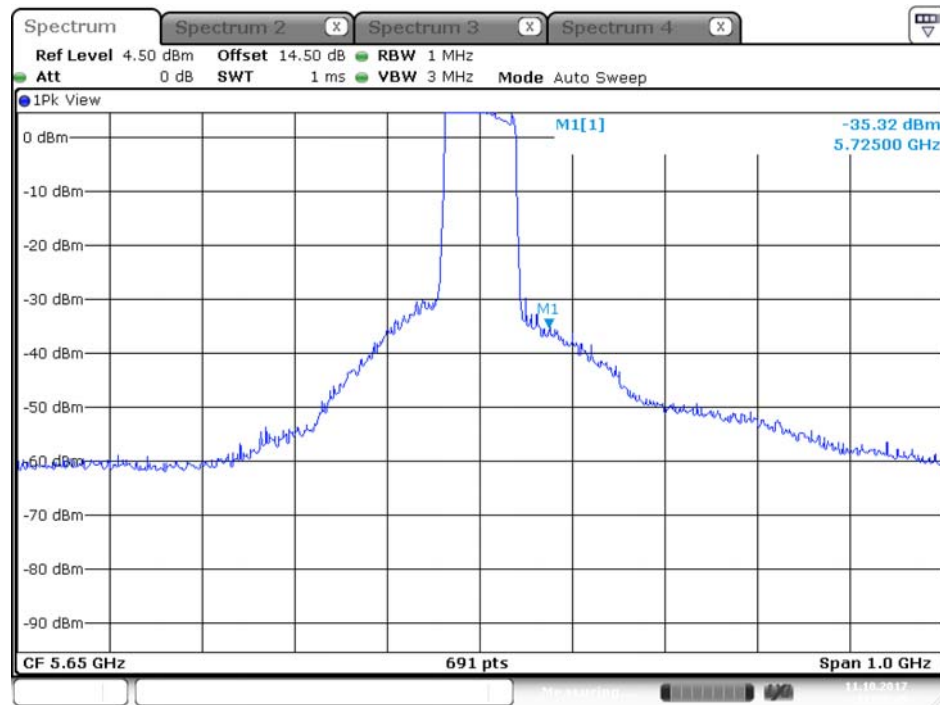
Measuring

11.10.2017

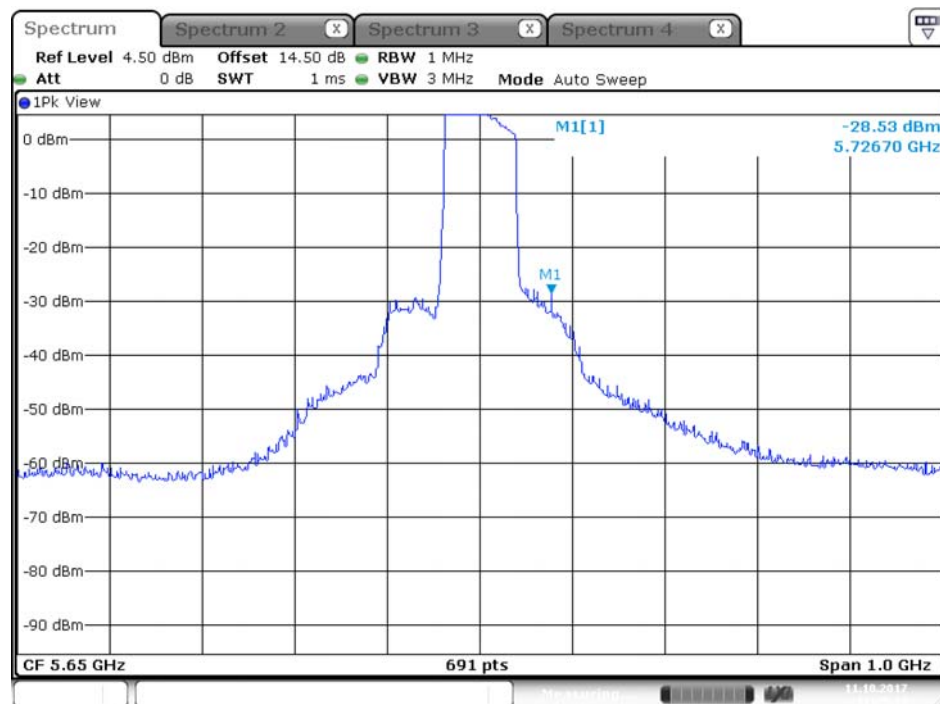
Issued Date : Jul. 26, 2018



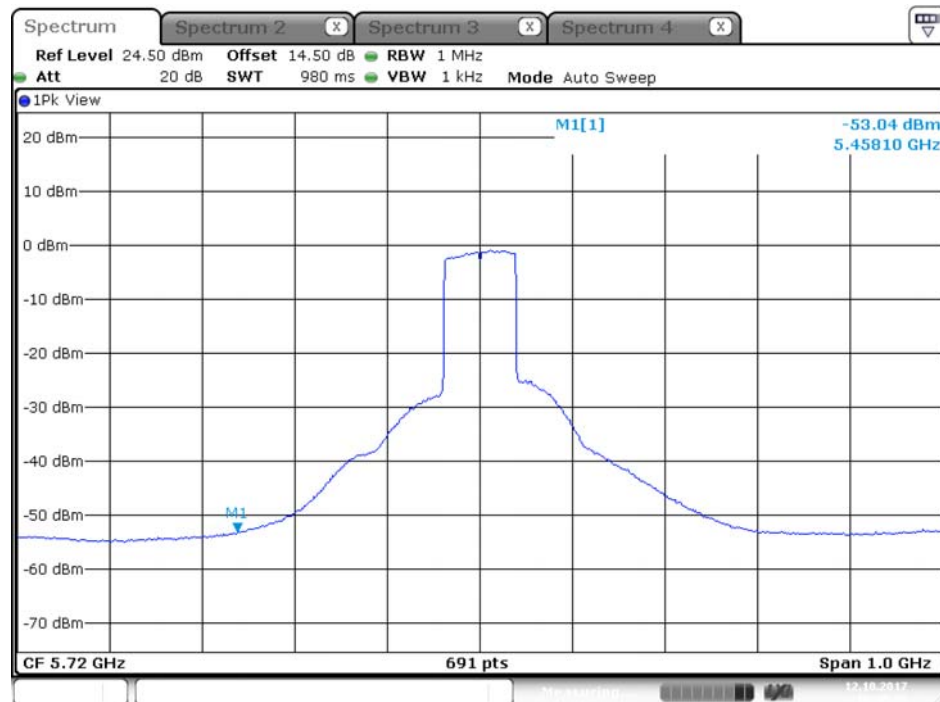
### Plot on Configuration QPSK, 80M / 5650 MHz / Peak / Port 1 (TX1)



### Plot on Configuration QPSK, 80M / 5650 MHz / Peak / Port 2 (TX2)

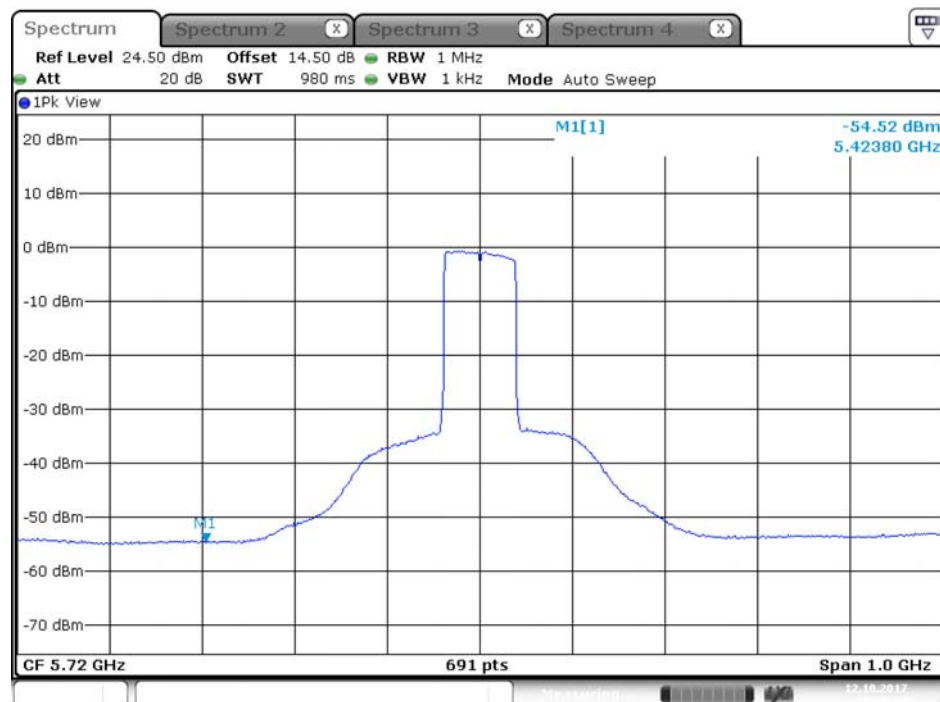


### Plot on Configuration QPSK, 80M / 5720 MHz / Average / Port 1 (TX1)



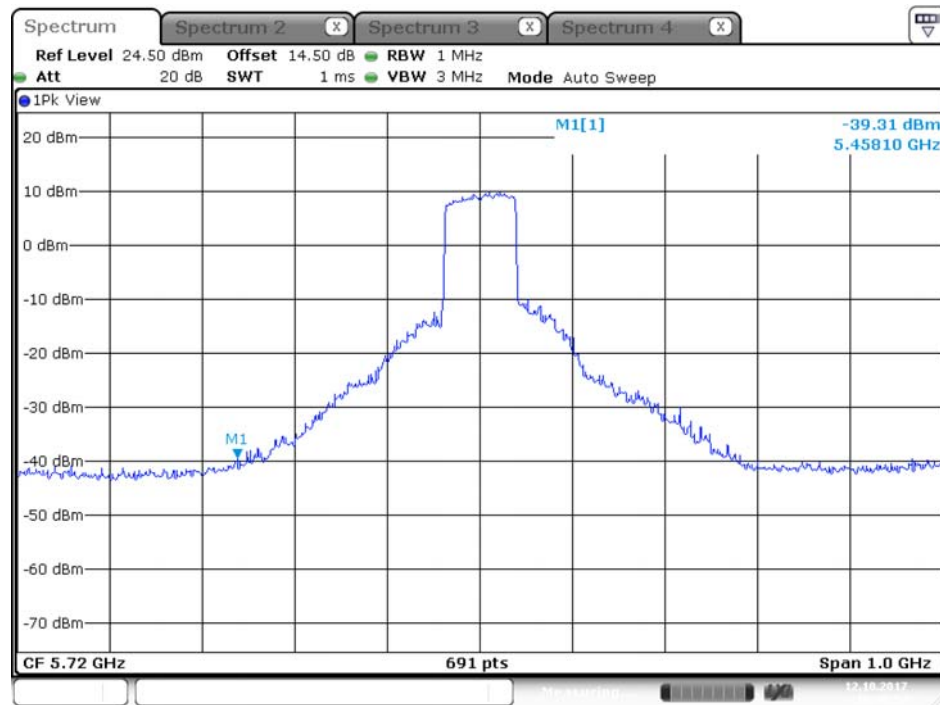
Date: 12.OCT.2017 16:45:56

### Plot on Configuration QPSK, 80M / 5720 MHz / Average / Port 2 (TX2)



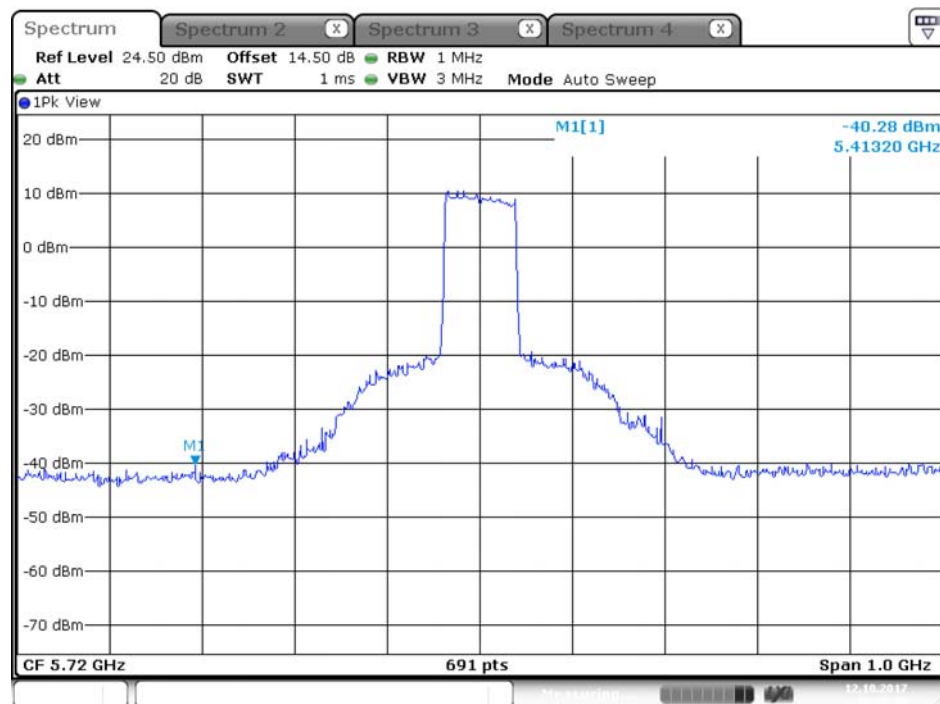
Date: 12.OCT.2017 16:49:42

### Plot on Configuration QPSK, 80M / 5720 MHz / Peak / Port 1 (TX1)



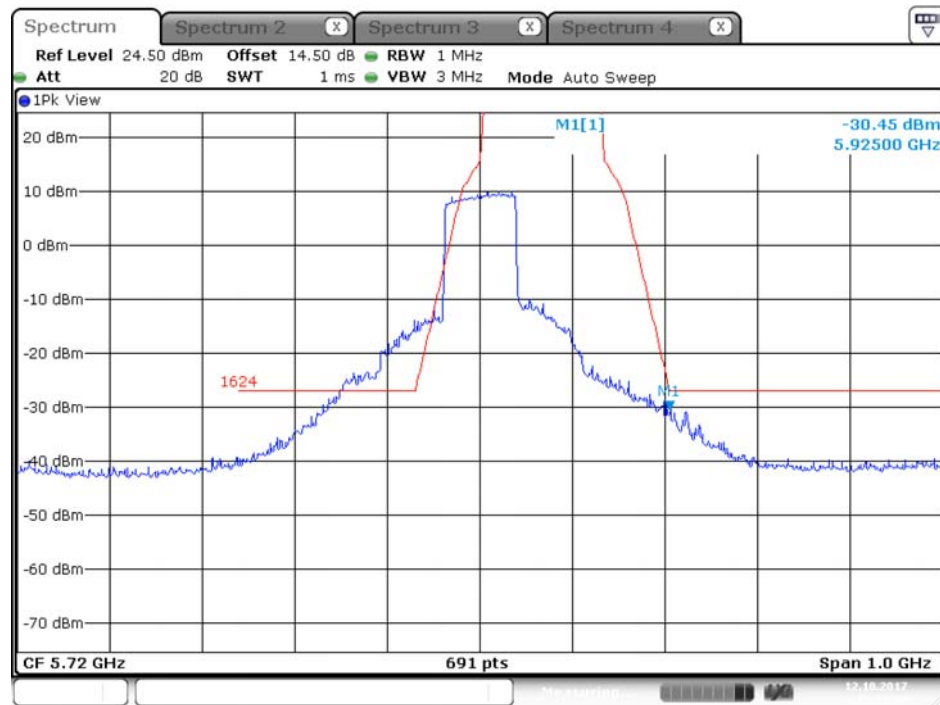
Date: 12.OCT.2017 16:46:51

### Plot on Configuration QPSK, 80M / 5720 MHz / Peak / Port 2 (TX2)



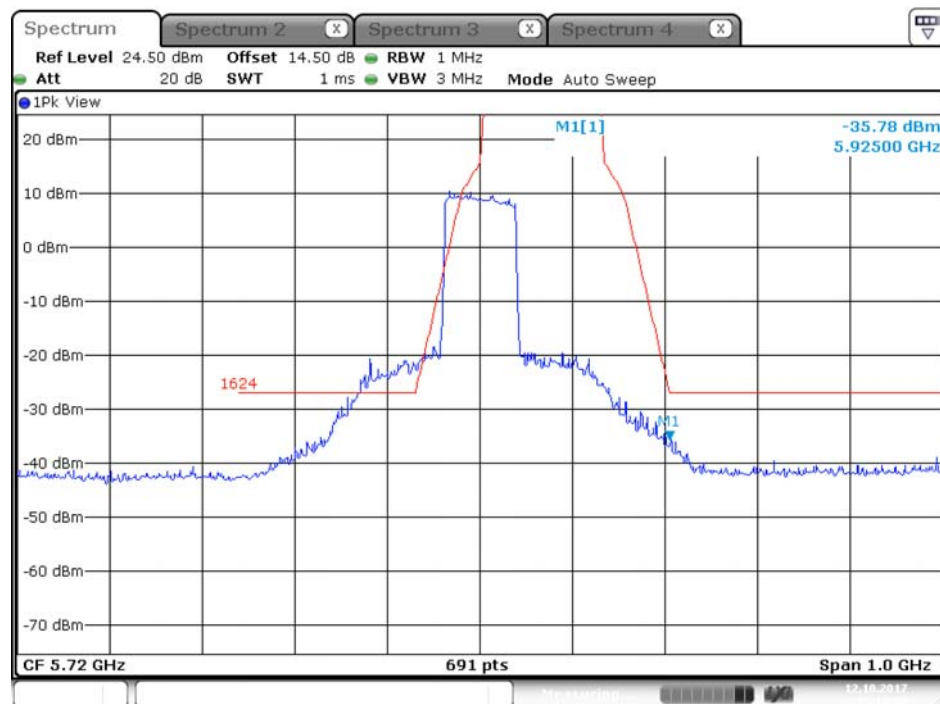
Date: 12.OCT.2017 16:48:24

### Plot on Configuration QPSK, 80M / 5720 MHz / Peak / Port 1 (TX1)



Date: 12.OCT.2017 15:21:42

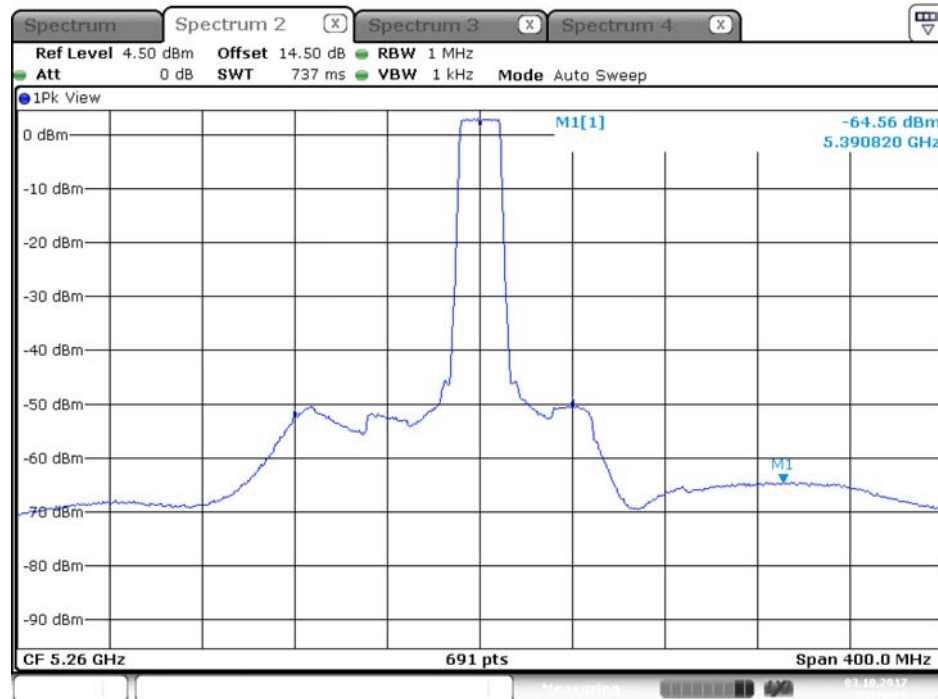
### Plot on Configuration QPSK, 80M / 5720 MHz / Peak / Port 2 (TX2)



Date: 12.OCT.2017 15:19:30

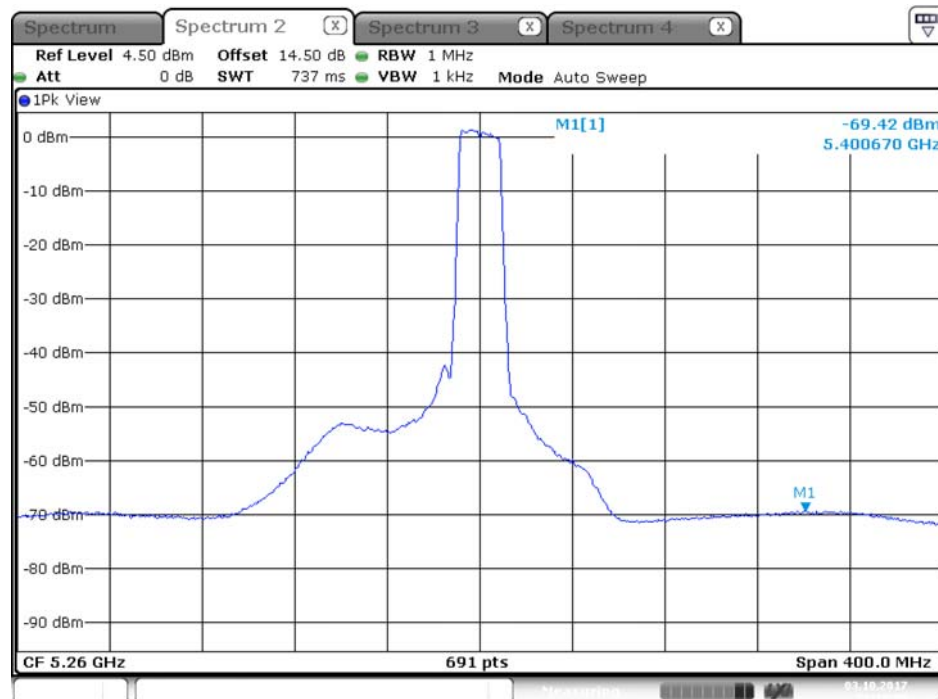
For Antenna 2:

Plot on Configuration QPSK, 20M / 5260 MHz / Average / Port 1 (TX1)



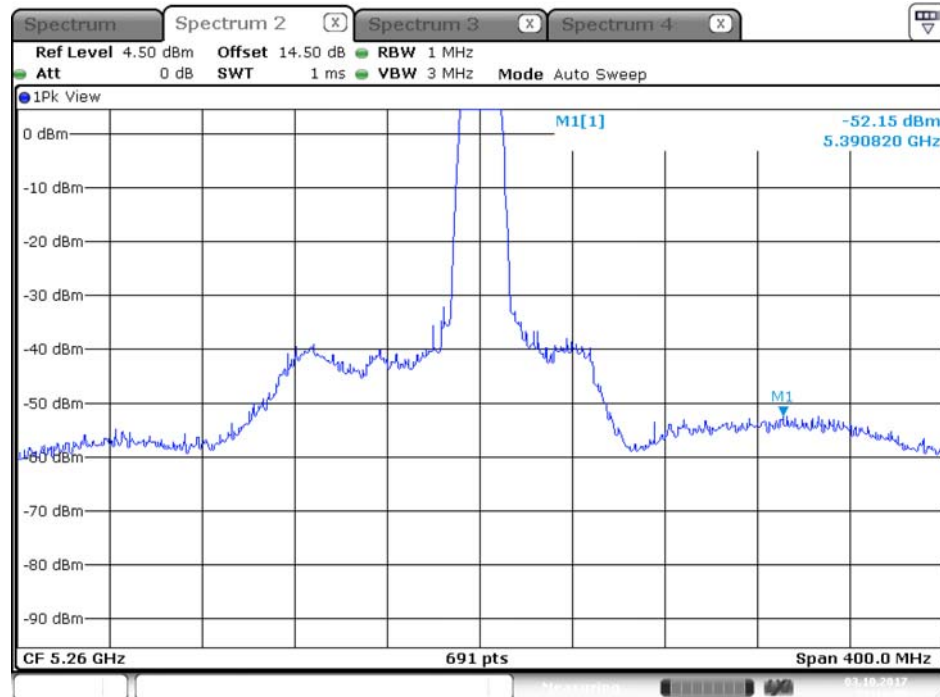
Date: 3.OCT.2017 23:14:32

Plot on Configuration QPSK, 20M / 5260 MHz / Average / Port 2 (TX2)



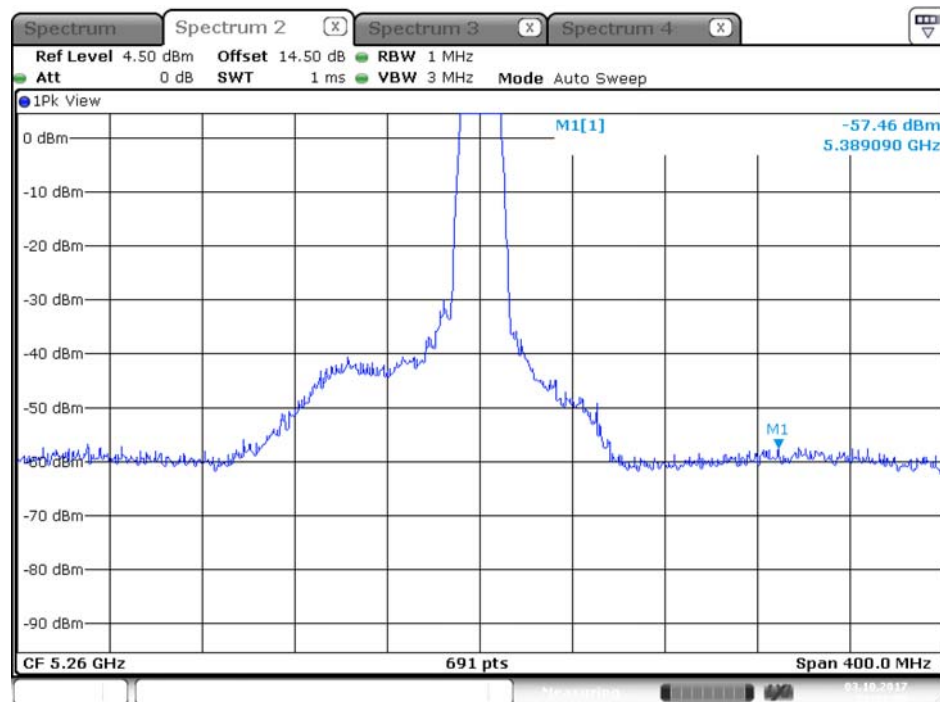
Date: 3.OCT.2017 23:10:20

### Plot on Configuration QPSK, 20M / 5260 MHz / Peak / Port 1 (TX1)



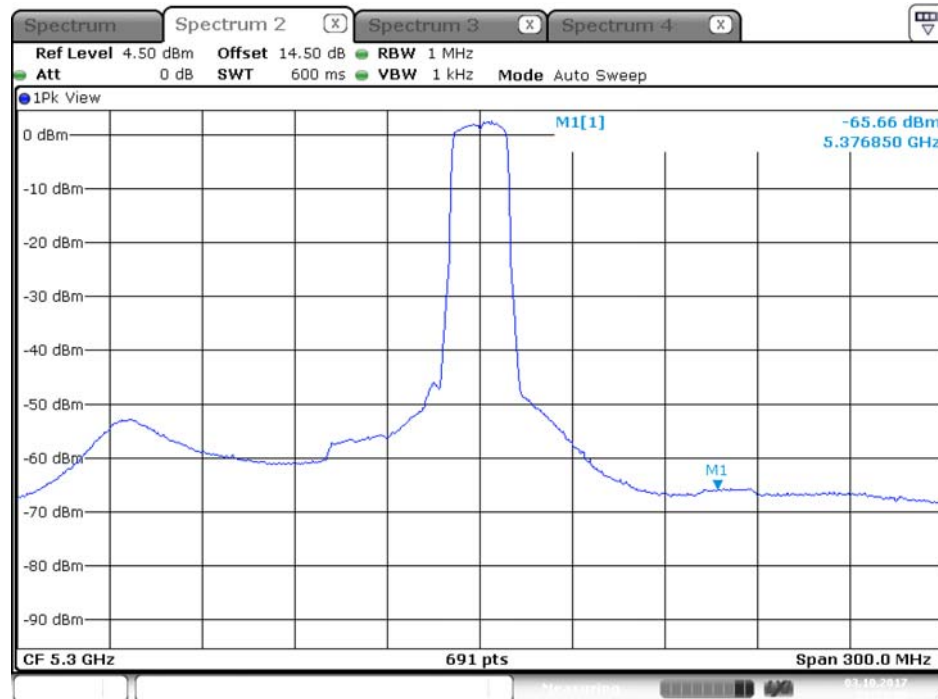
Date: 3.OCT.2017 23:14:59

### Plot on Configuration QPSK, 20M / 5260 MHz / Peak / Port 2 (TX2)

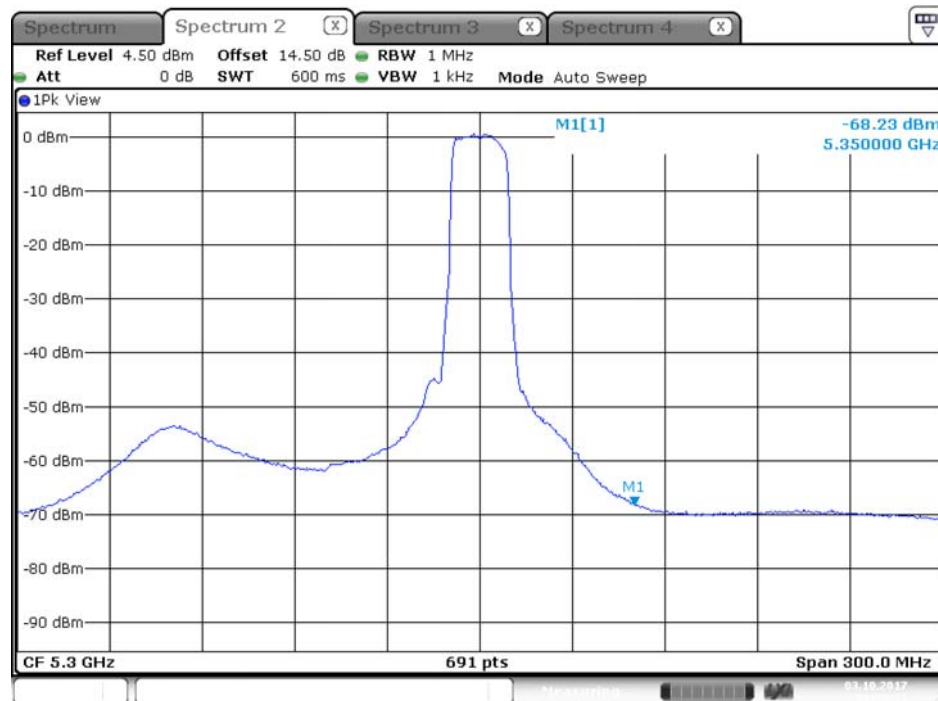


Date: 3.OCT.2017 23:11:59

### Plot on Configuration QPSK, 20M / 5300 MHz / Average / Port 1 (TX1)

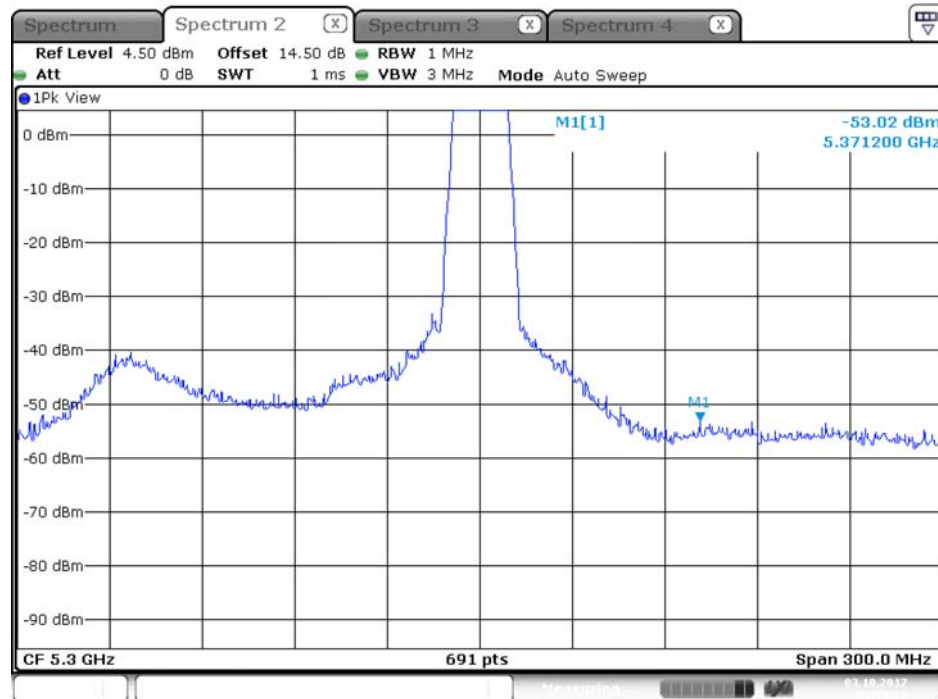


### Plot on Configuration QPSK, 20M / 5300 MHz / Average / Port 2 (TX2)



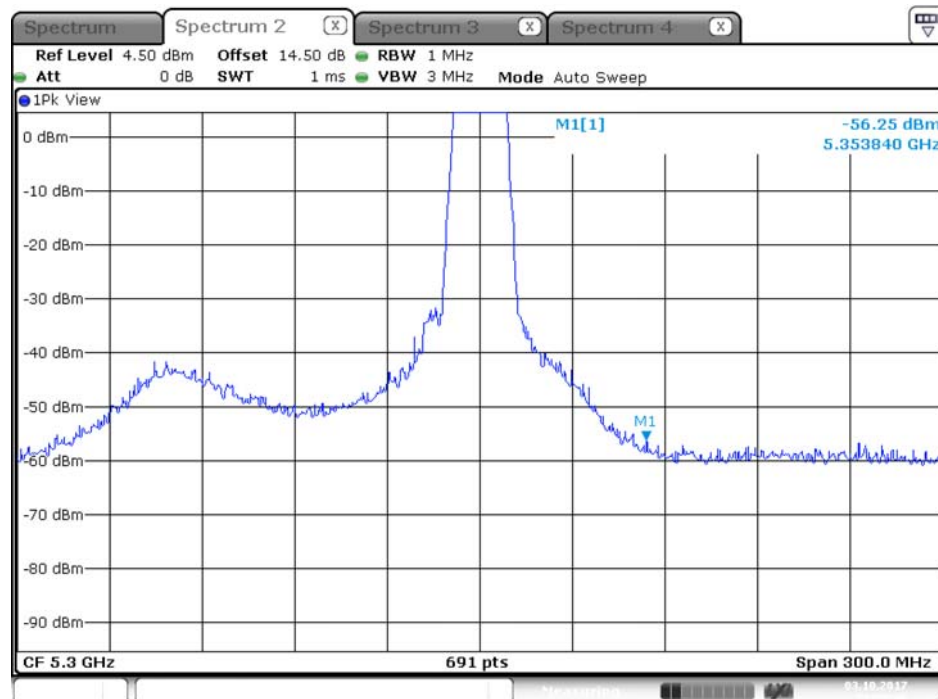


### Plot on Configuration QPSK, 20M / 5300 MHz / Peak / Port 1 (TX1)



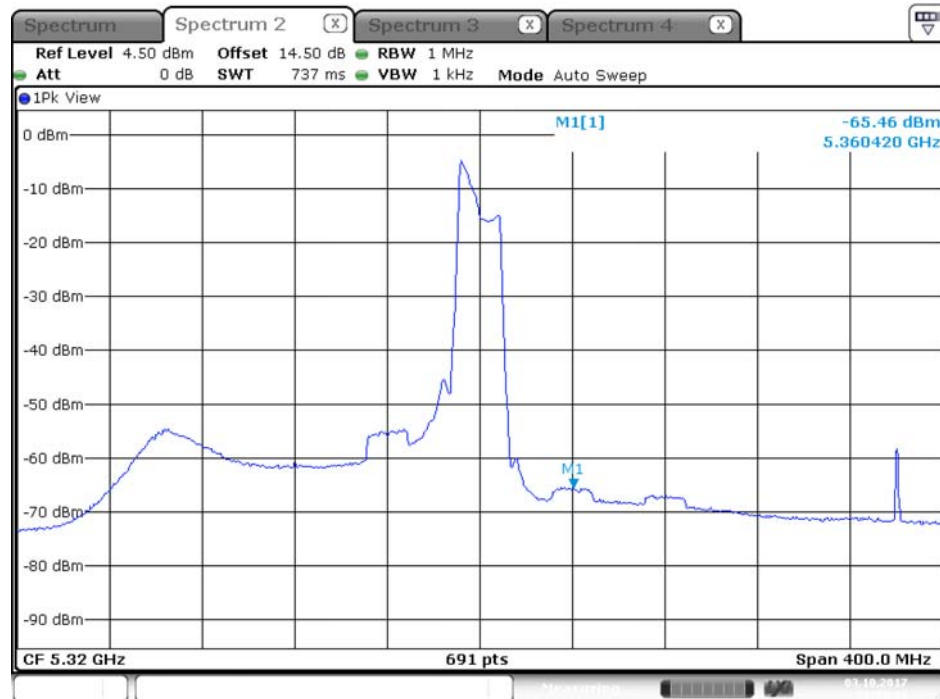
Date: 3.OCT.2017 23:23:37

### Plot on Configuration QPSK, 20M / 5300 MHz / Peak / Port 2 (TX2)

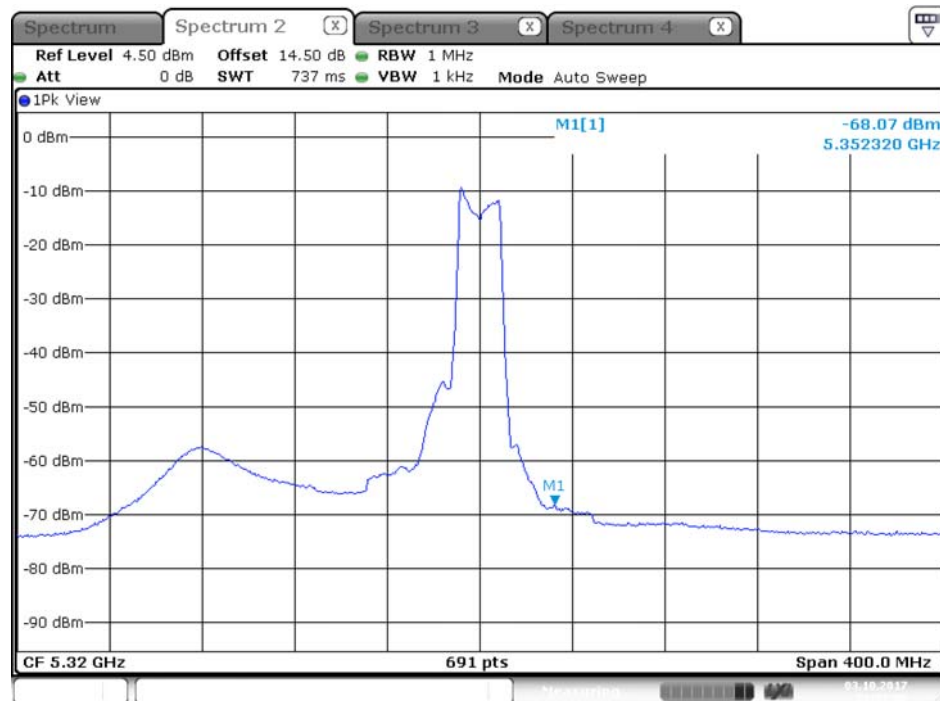


Date: 3.OCT.2017 23:25:45

### Plot on Configuration QPSK, 20M / 5320 MHz / Average / Port 1 (TX1)



### Plot on Configuration QPSK, 20M / 5320 MHz / Average / Port 2 (TX2)





Spectrum 2 Spectrum 3 Spectrum 4

Ref Level 4.50 dBm Offset 14.50 dB RBW 1 MHz  
Att 0 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep

1Pk View

0 dBm  
-10 dBm  
-20 dBm  
-30 dBm  
-40 dBm  
-50 dBm  
-60 dBm  
-70 dBm  
-80 dBm  
-90 dBm

M1[1] -51.43 dBm  
5.350580 GHz

CF 5.32 GHz 691 pts Span 400.0 MHz

8/10/2017

**Spectrum** **Spectrum 2** **Spectrum 3** **Spectrum 4**

**Ref Level** 4.50 dBm **Offset** 14.50 dB **RBW** 1 MHz  
**Att** 0 dB **SWT** 1 ms **VBW** 3 MHz **Mode** Auto Sweep

**1Pk View**

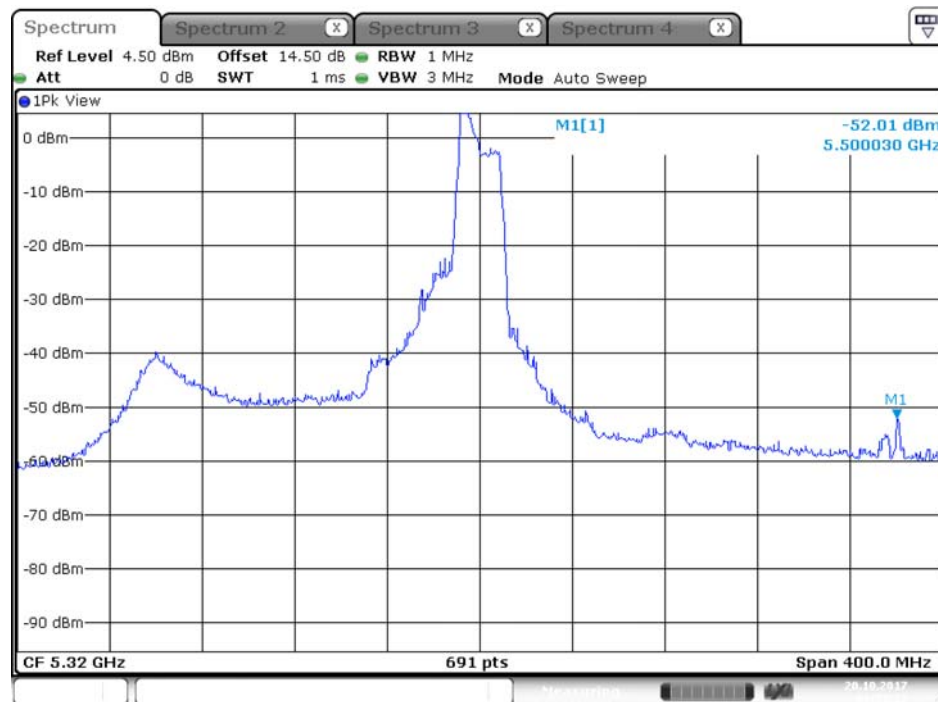
0 dBm  
-10 dBm  
-20 dBm  
-30 dBm  
-40 dBm  
-50 dBm  
-60 dBm  
-70 dBm  
-80 dBm  
-90 dBm

M1[1]  
-50.12 dBm  
5.353000 GHz

CF 5.32 GHz 691 pts Span 400.0 GHz

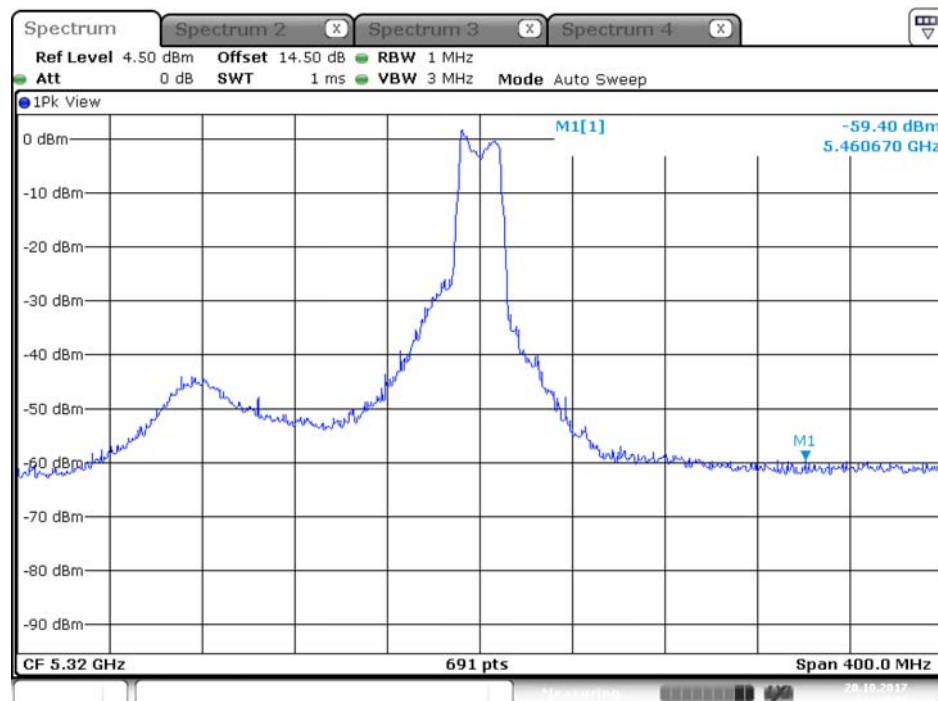
Issued Date : Jul. 26, 2018

### Plot on Configuration QPSK, 20M / 5320 MHz / Peak / Port 1 (TX1)



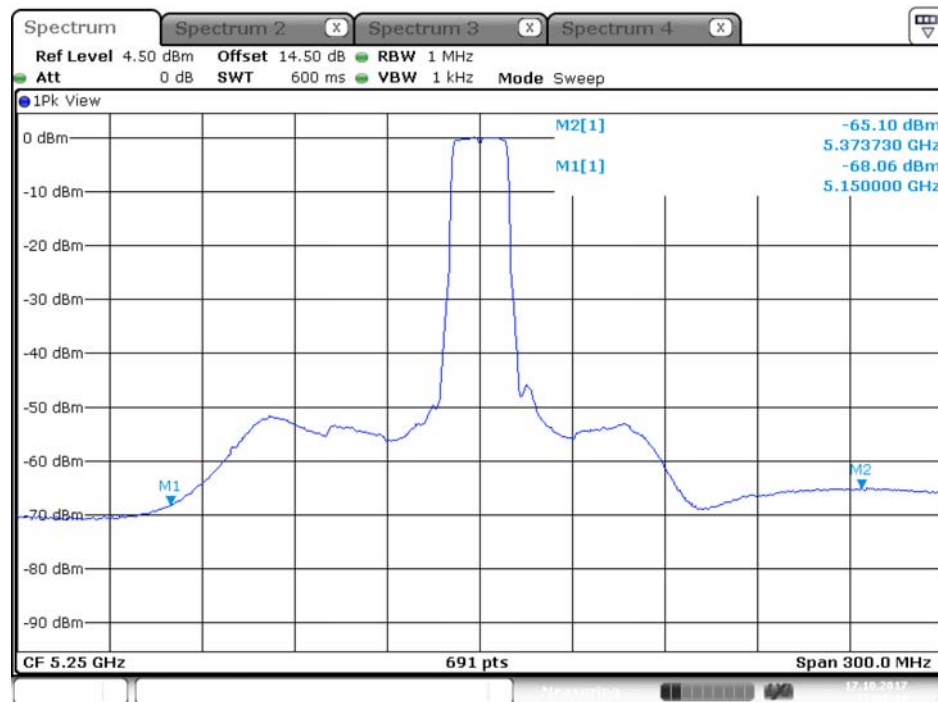
Date: 20.OCT.2017 09:53:12

### Plot on Configuration QPSK, 20M / 5320 MHz / Peak / Port 2 (TX2)



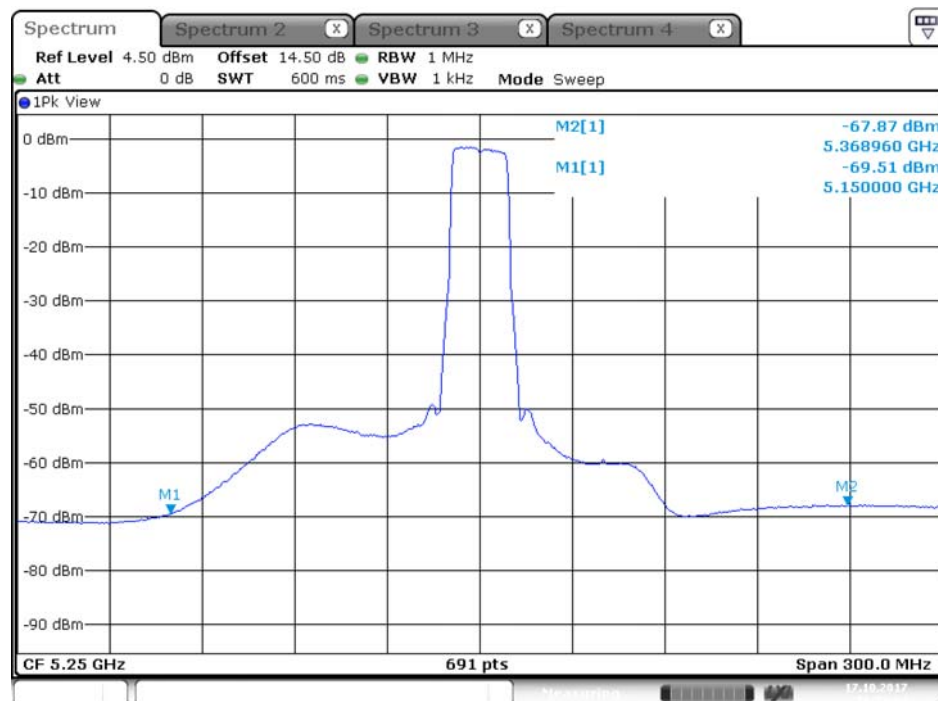
Date: 20.OCT.2017 09:43:18

### Plot on Configuration QPSK, 20M / 5250 MHz / Average / Port 1 (TX1)



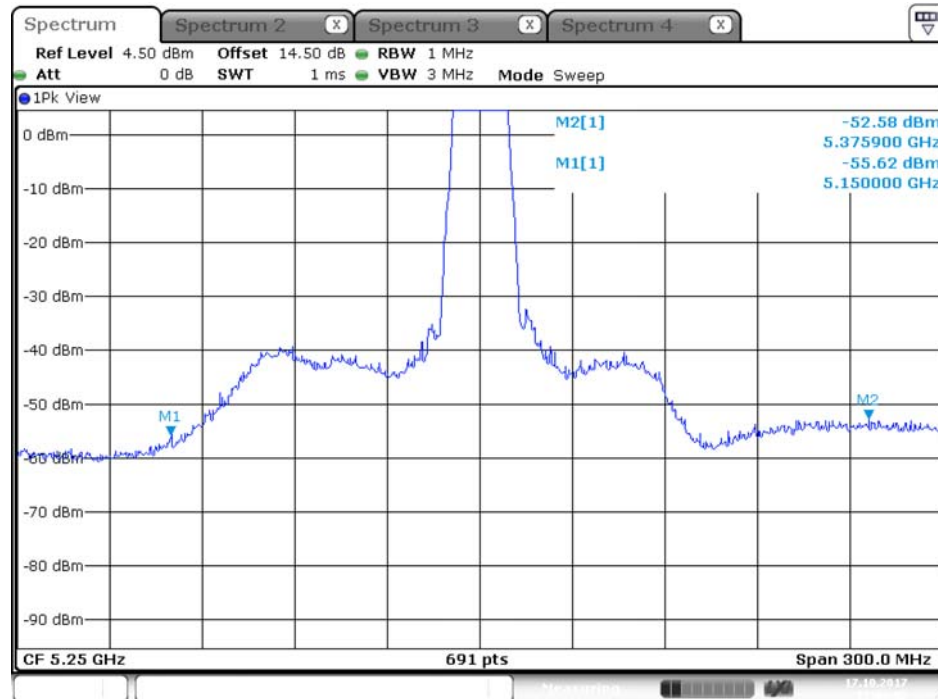
Date: 17.OCT.2017 17:01:13

### Plot on Configuration QPSK, 20M / 5250 MHz / Average / Port 2 (TX2)



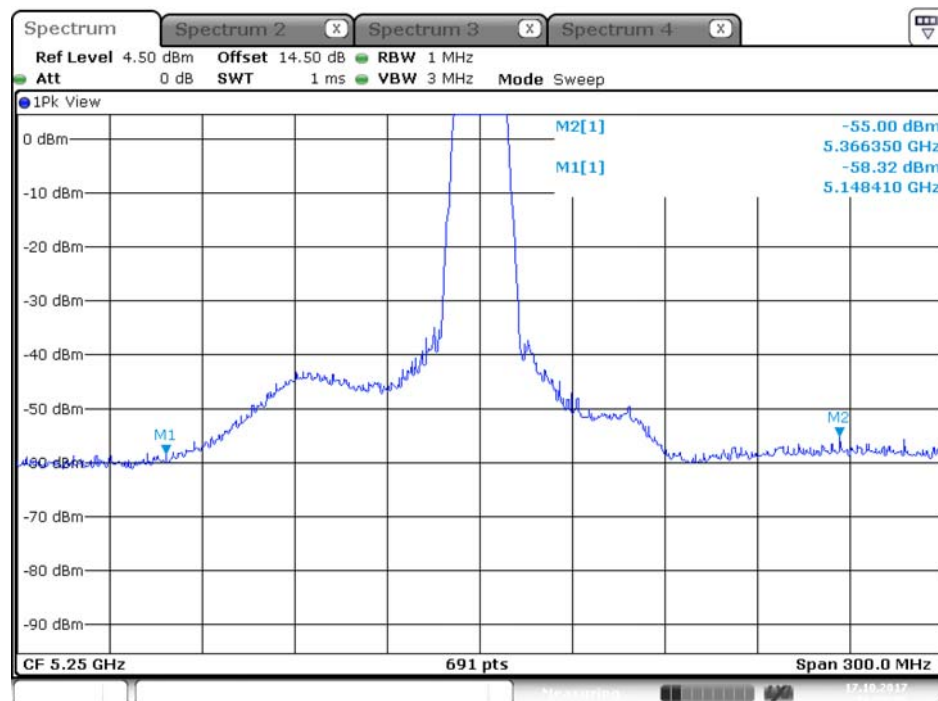
Date: 17.OCT.2017 16:59:05

### Plot on Configuration QPSK, 20M / 5250 MHz / Peak / Port 1 (TX1)



Date: 17.OCT.2017 17:09:03

### Plot on Configuration QPSK, 20M / 5250 MHz / Peak / Port 2 (TX2)



Date: 17.OCT.2017 16:55:27