5.1.1.7.2.2 Test RB=50RB

Spectrum		
Ref Level 35.00 dBm	Offset 5.00 dB ● RBW 100 kHz	
● Att 40 dB ● SWT 1 s ● VBW 300 kHz	Mode Auto Sweep	

● 1Rm Max

M1[1]   -30.67 dBm
              1.9100200 GHz

30 dBm

20 dBm

10 dBm

0 dBm

-10 dBm

D1 -13.000 dBm

-20 dBm

-30 dBm   M1

-40 dBm

-50 dBm

-60 dBm

CF 1.91 GHz   1001 pts   Span 20.0 MHz

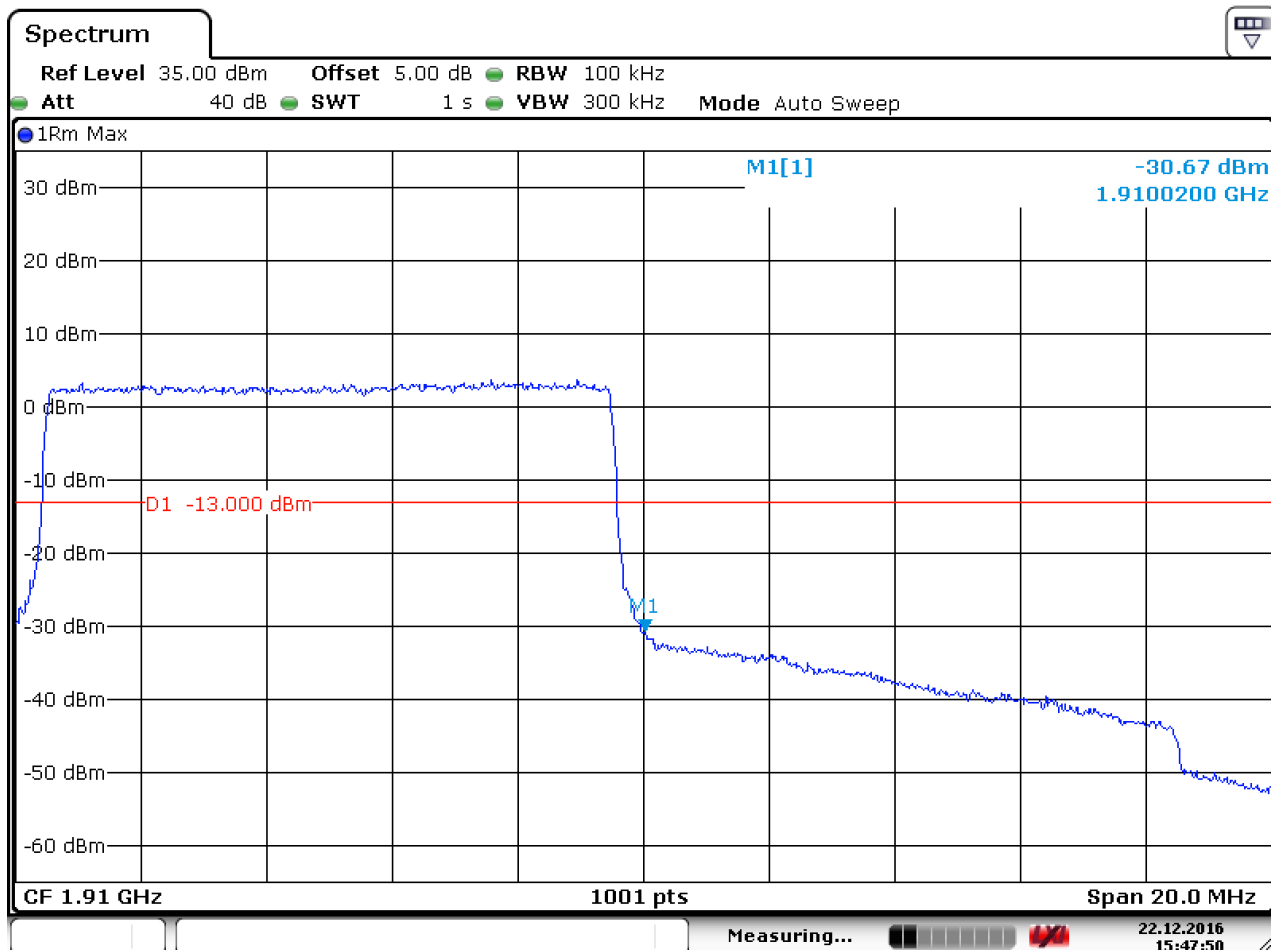Measuring...   22.12.2016
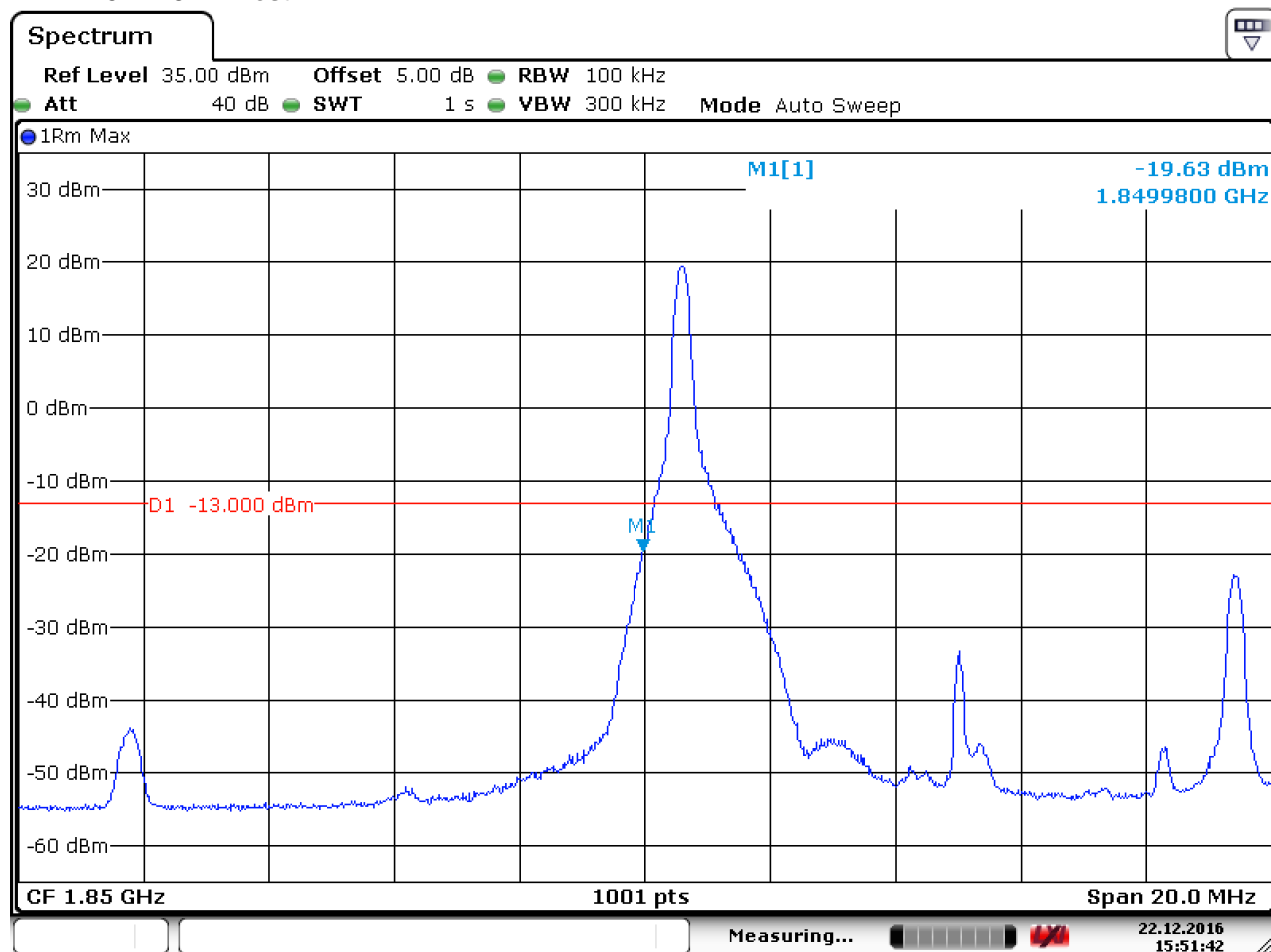   15:47:50

Date: 22.DEC.2016 15:47:50

5.1.1.8   Test Mode = LTE/TM2 10MHz

5.1.1.8.1   Test Channel = LCH
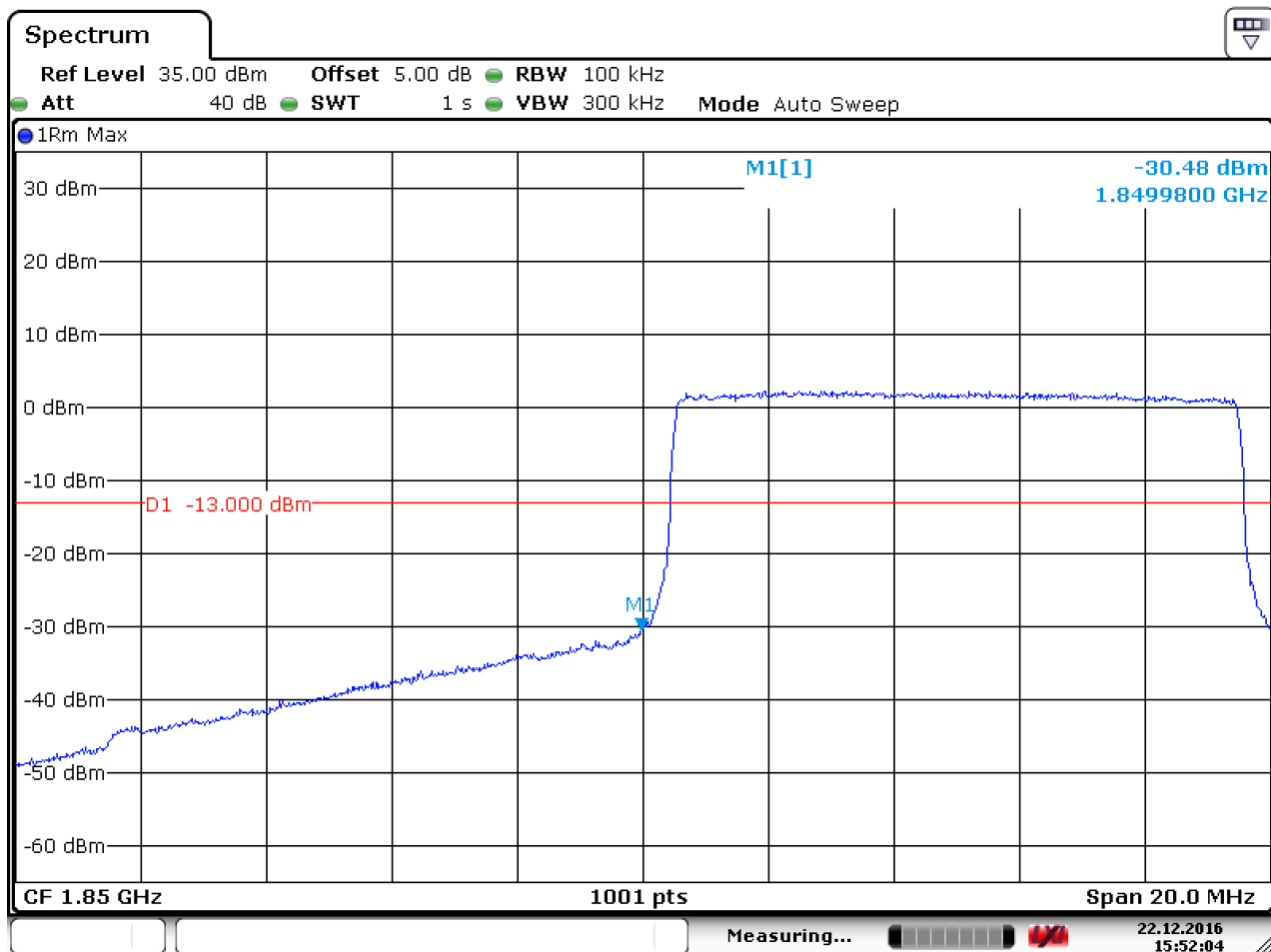
5.1.1.8.1.1 Test RB=1RB

Date: 22.DEC.2016 15:51:43
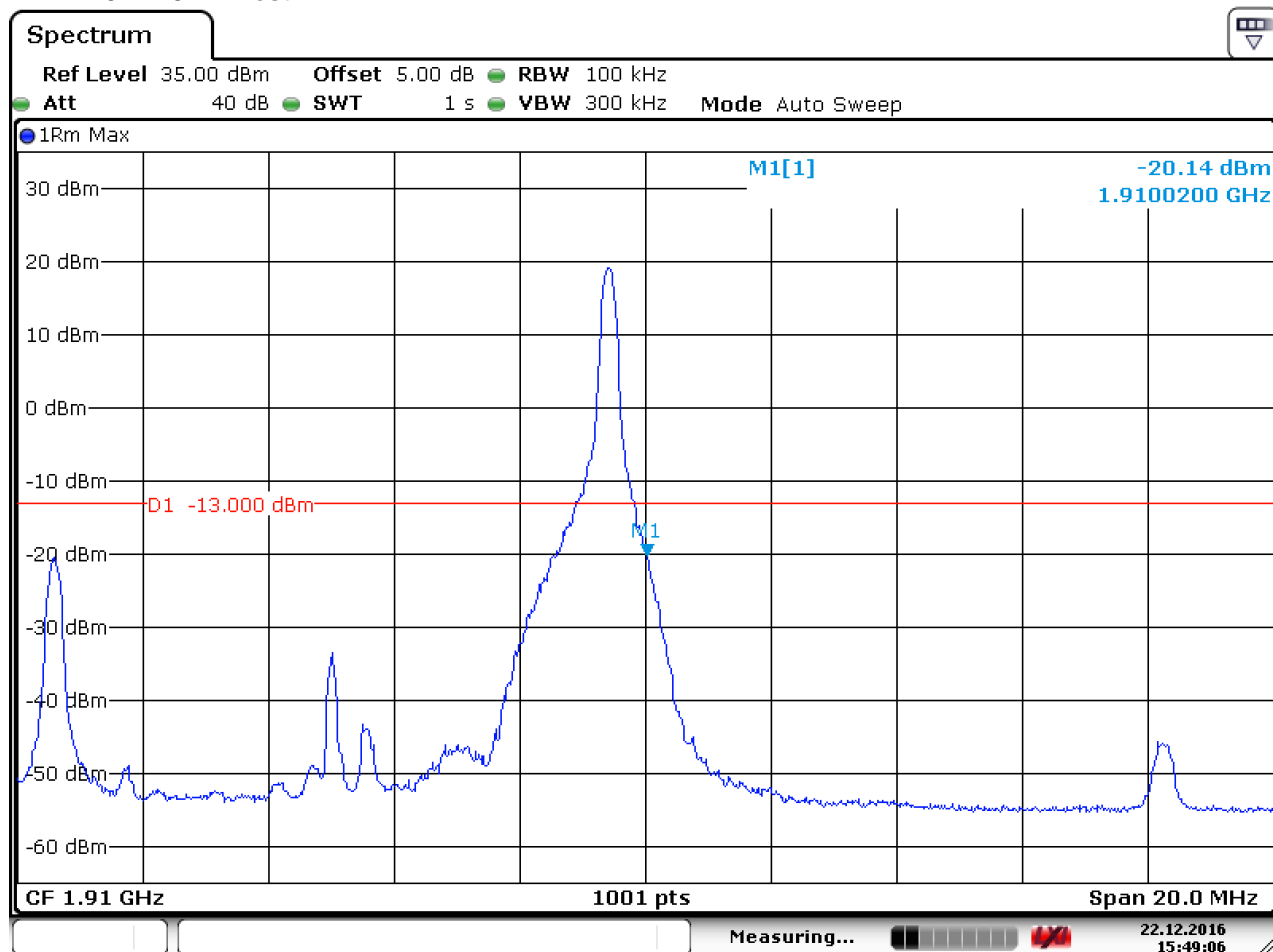
5.1.1.8.1.2 Test RB=50RB

Spectrum					
Ref Level 35.00 dBm		Offset 5.00 dB	RBW 100 kHz		
Att 40 dB		SWT 1 s	VBW 300 kHz	Mode Auto Sweep	

1Rm Max

M1[1] -30.48 dBm
1.8499800 GHz

D1 -13.000 dBm

M1

CF 1.85 GHz   1001 pts   Span 20.0 MHz

Measuring...   22.12.2016 15:52:04

Date: 22.DEC.2016 15:52:04

5.1.1.8.2   Test Channel = HCH

5.1.1.8.2.1 Test RB=1RB

Date: 22.DEC.2016 15:49:07

5.1.1.8.2.2 Test RB=50RB
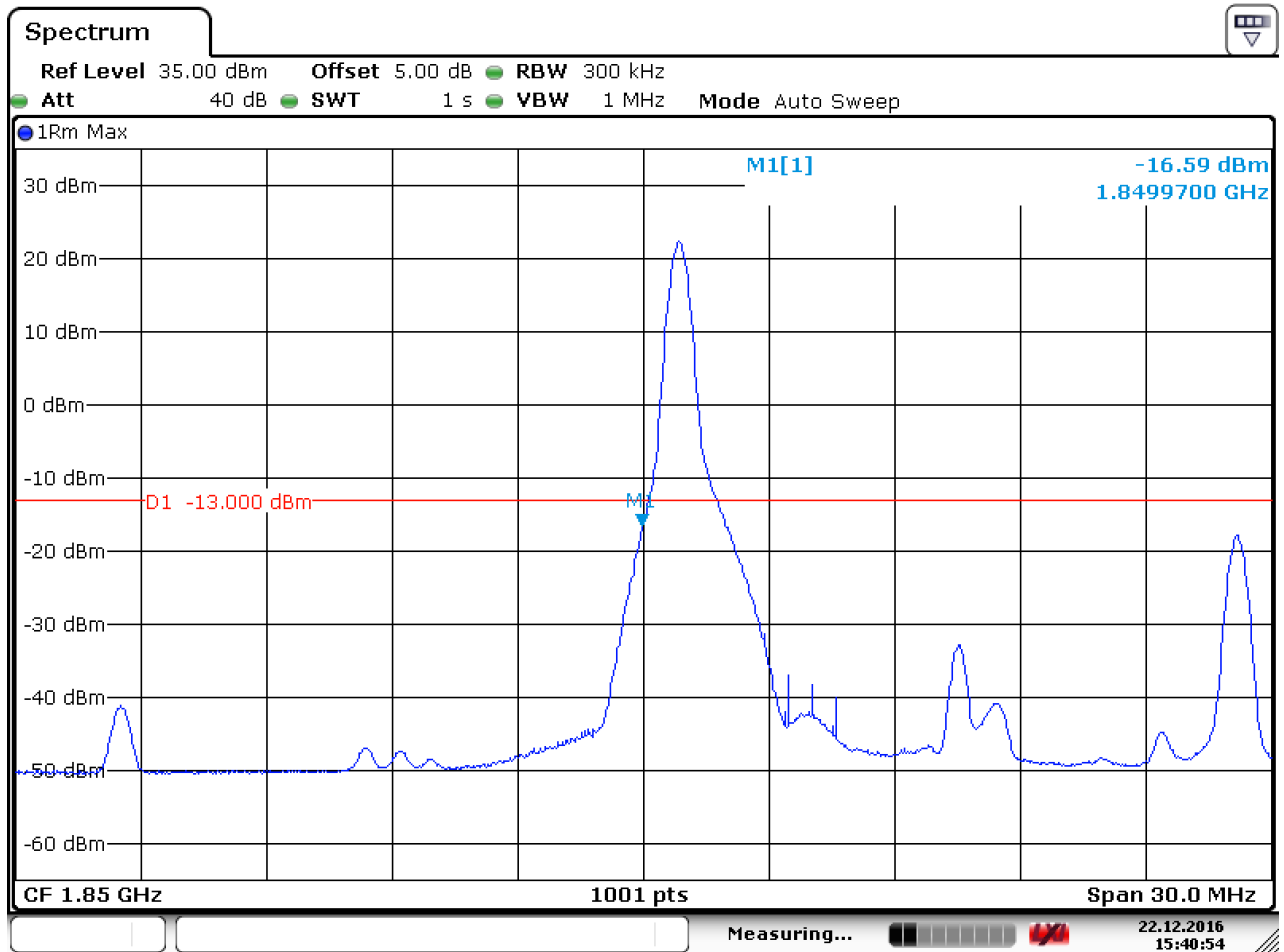

Date: 22.DEC.2016 15:48:30

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
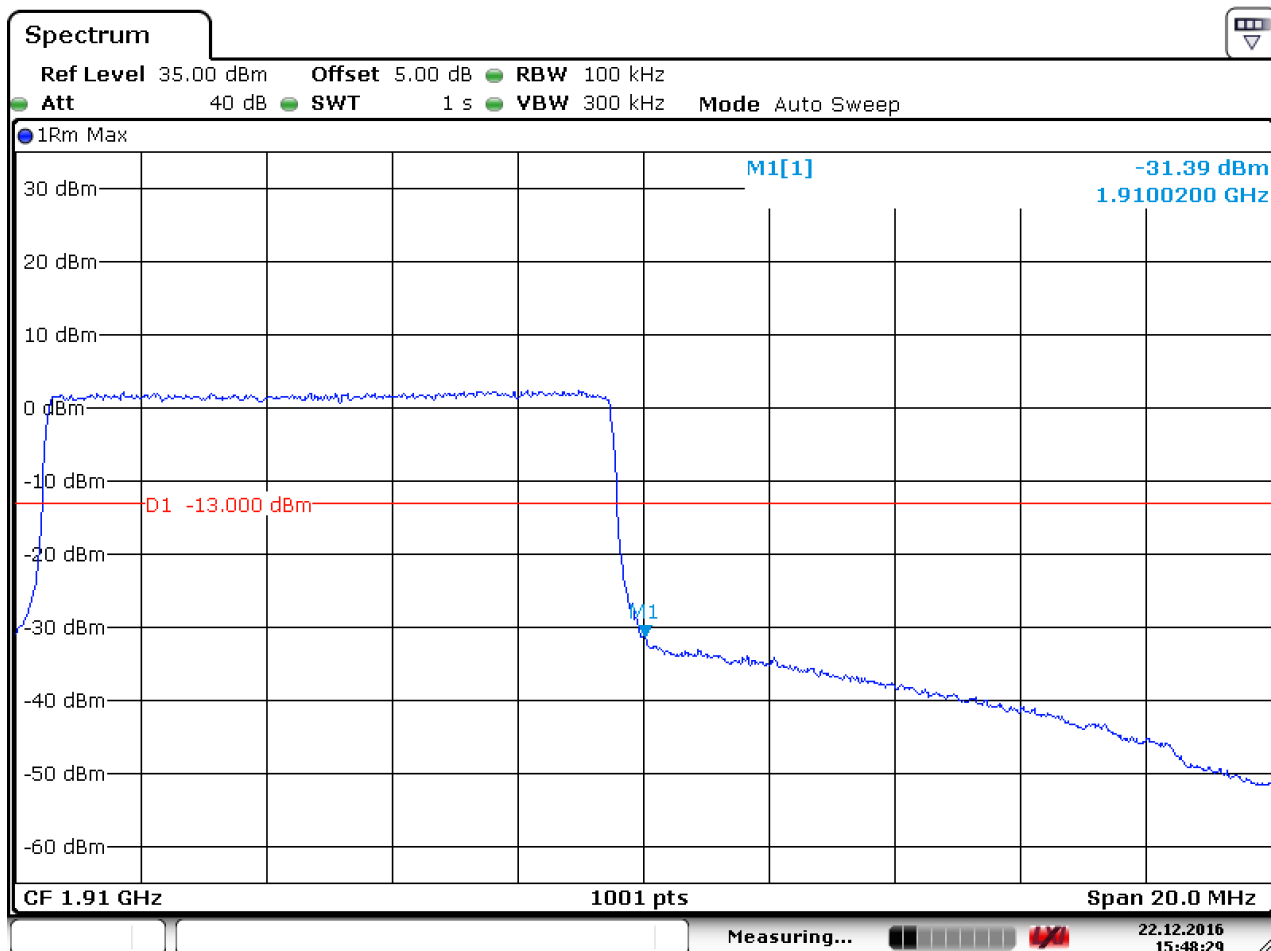
5.1.1.9   Test Mode = LTE/TM1 15MHz
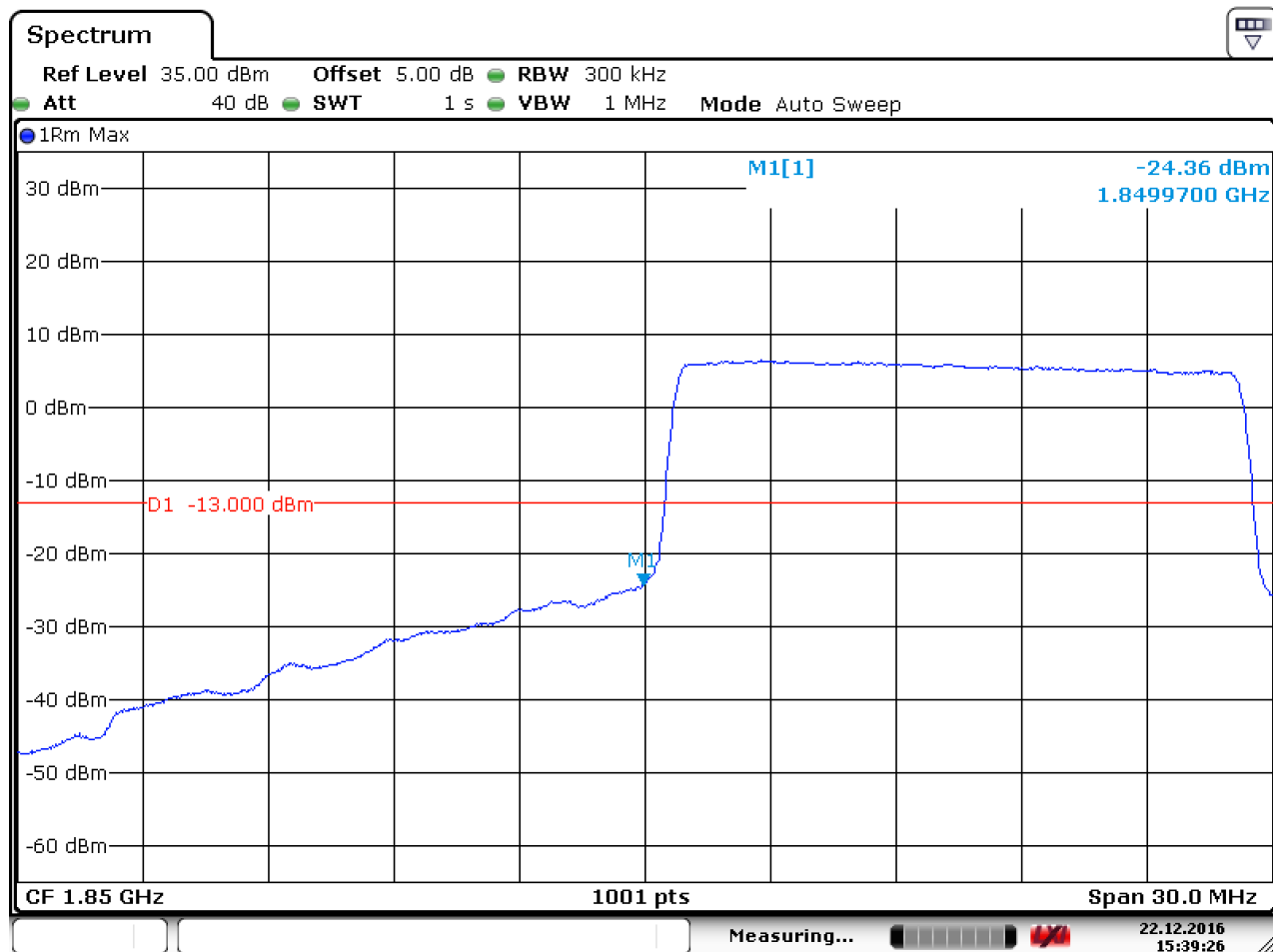
5.1.1.9.1   Test Channel = LCH

5.1.1.9.1.1 Test RB=1RB
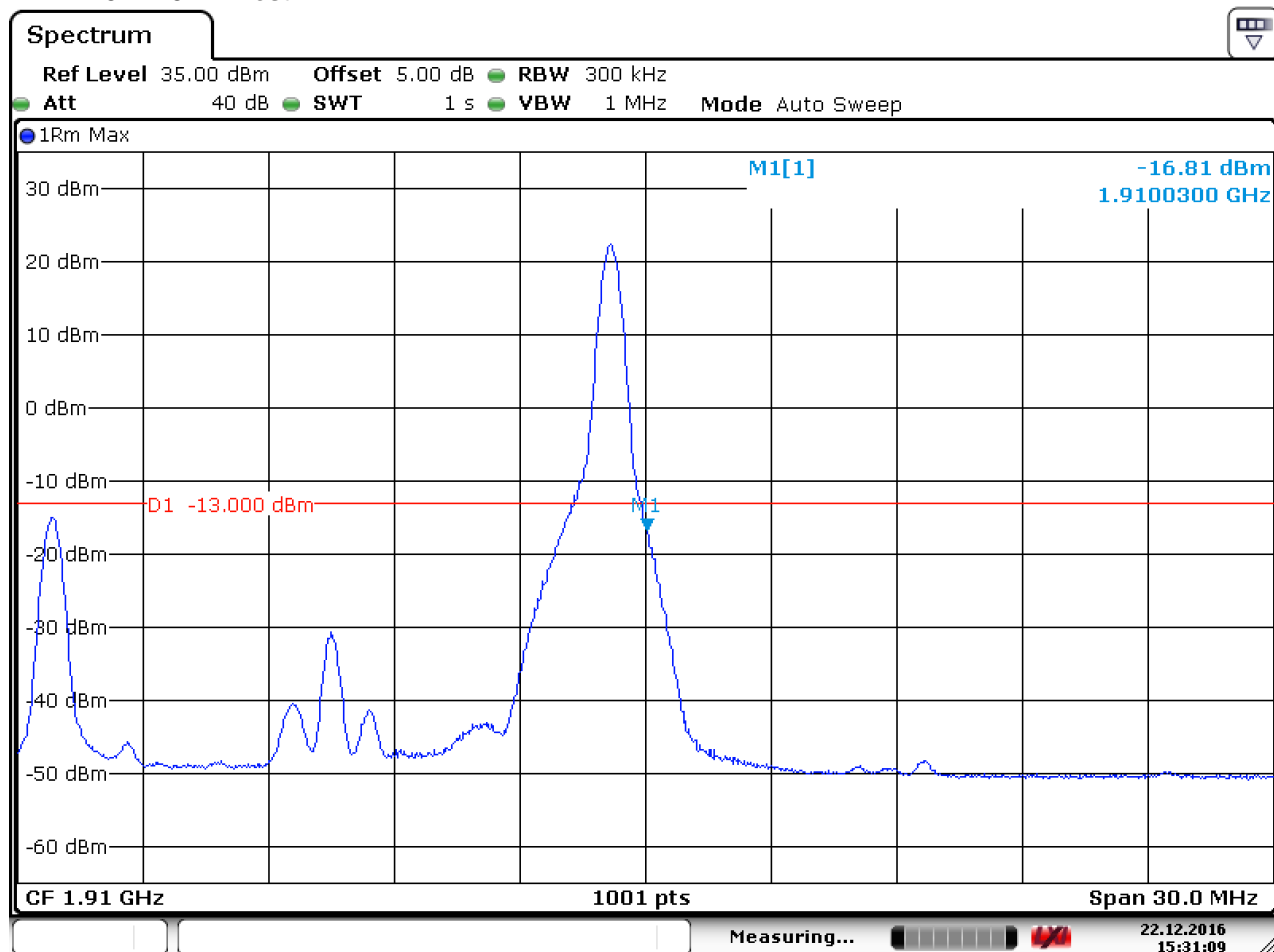

Date: 22.DEC.2016 15:40:54

5.1.1.9.1.2 Test RB=75RB

Date: 22.DEC.2016 15:39:26

5.1.1.9.2 Test Channel = HCH

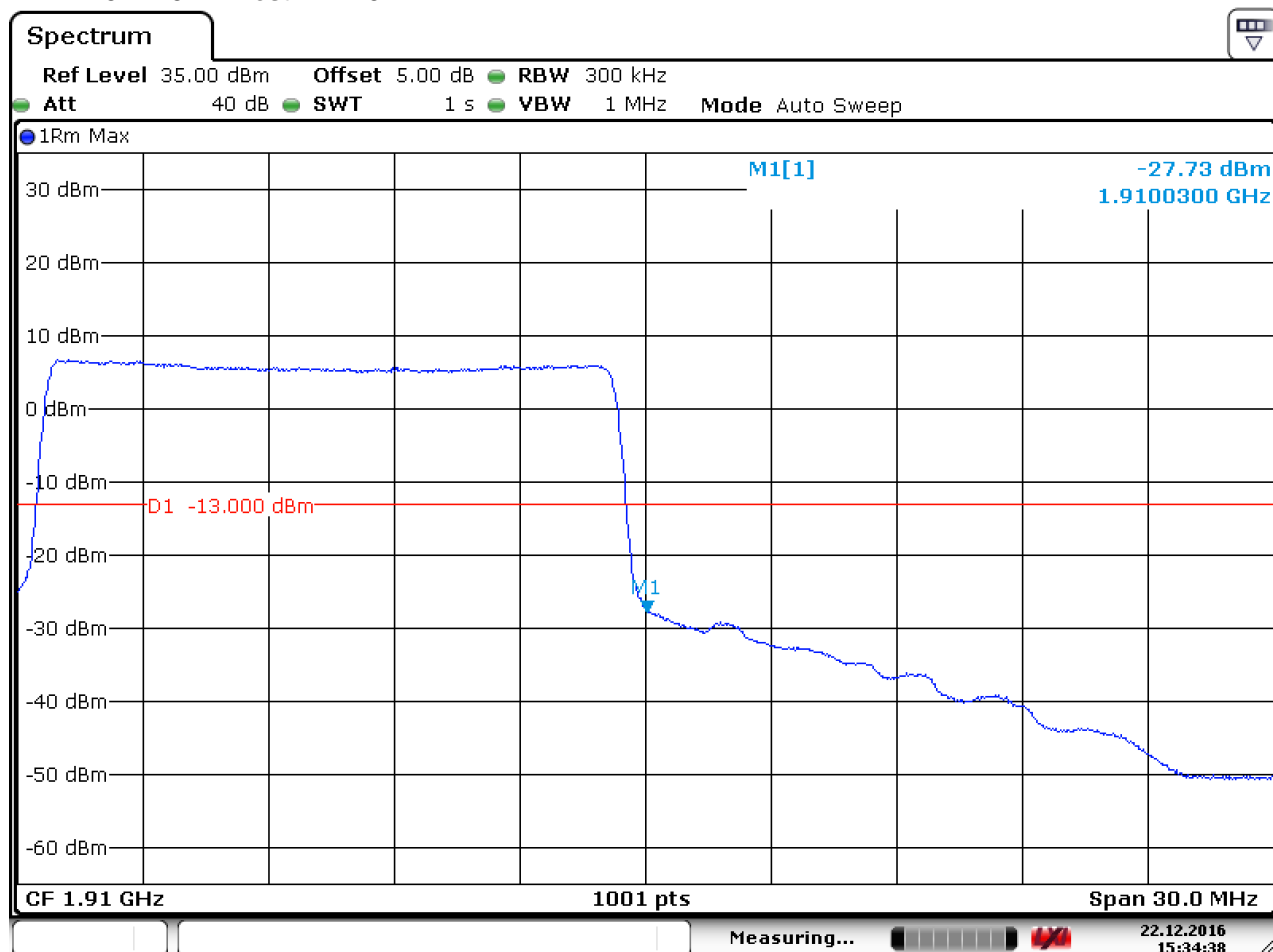#### 5.1.1.9.2.1 Test RB=1RB

Date: 22.DEC.2016 15:31:09

5.1.1.9.2.2 Test RB=75RB

Date: 22.DEC.2016 15:34:38

5.1.1.10 Test Mode = LTE/TM2 15MHz

5.1.1.10.1 Test Channel = LCH

5.1.1.10.1.1 Test RB=1RB
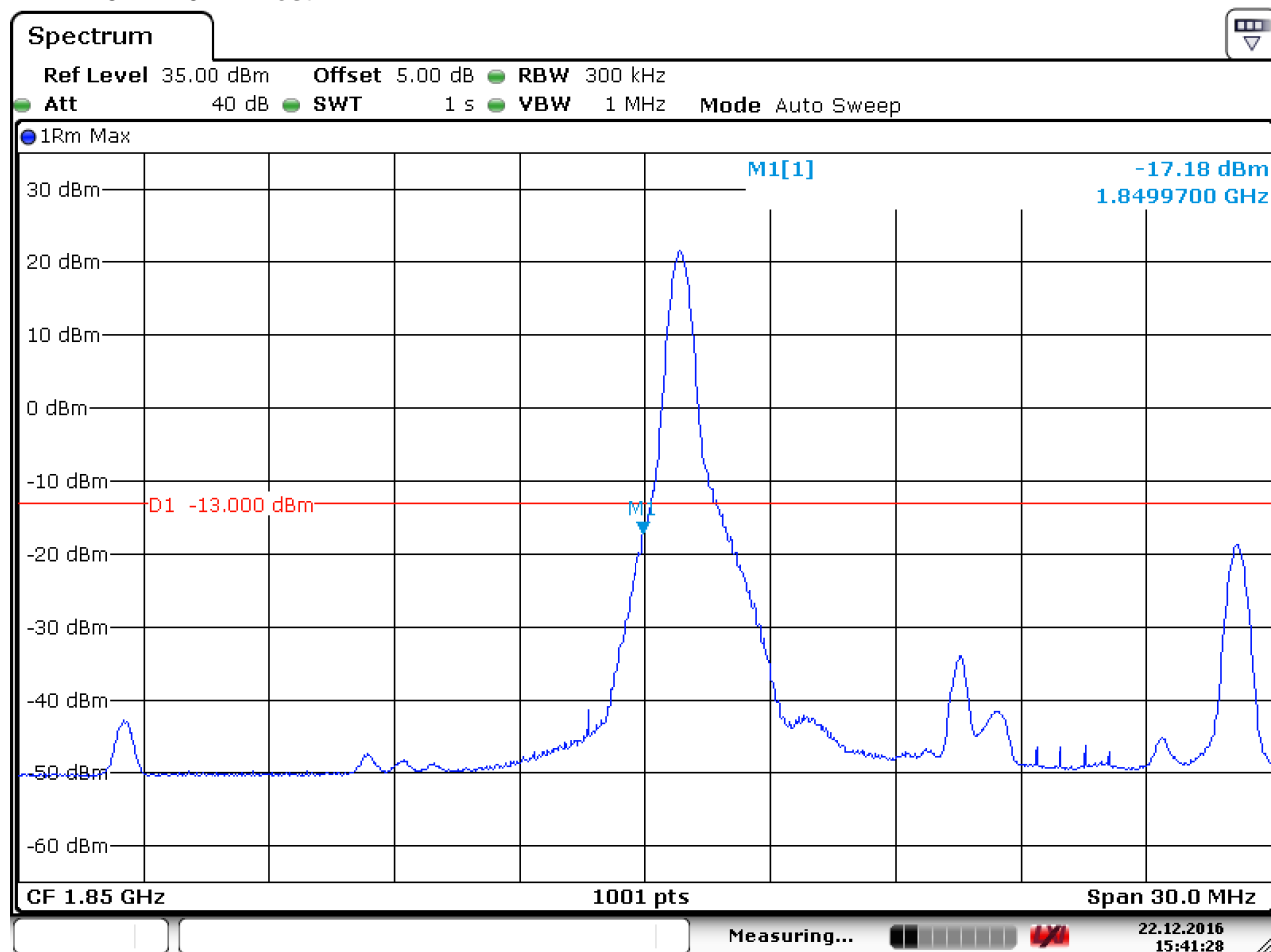
Date: 22.DEC.2016 15:41:28

5.1.1.10.1.2 Test RB=75RB

Date: 22.DEC.2016 15:35:52

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
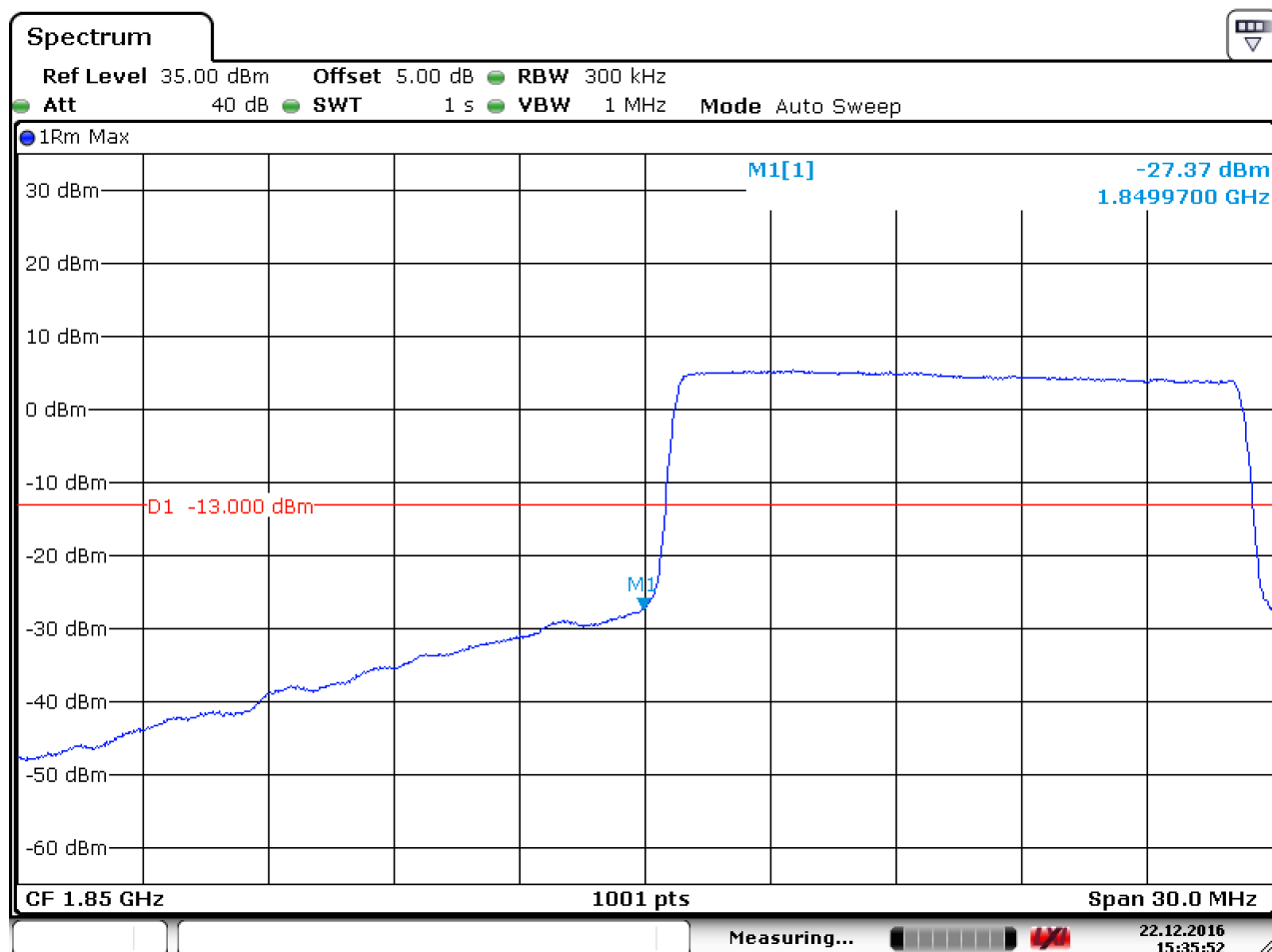
5.1.1.10.2 Test Channel = HCH

5.1.1.10.2.1 Test RB=1RB

Date: 22.DEC.2016 15:30:19

5.1.1.10.2.2 Test RB=75RB
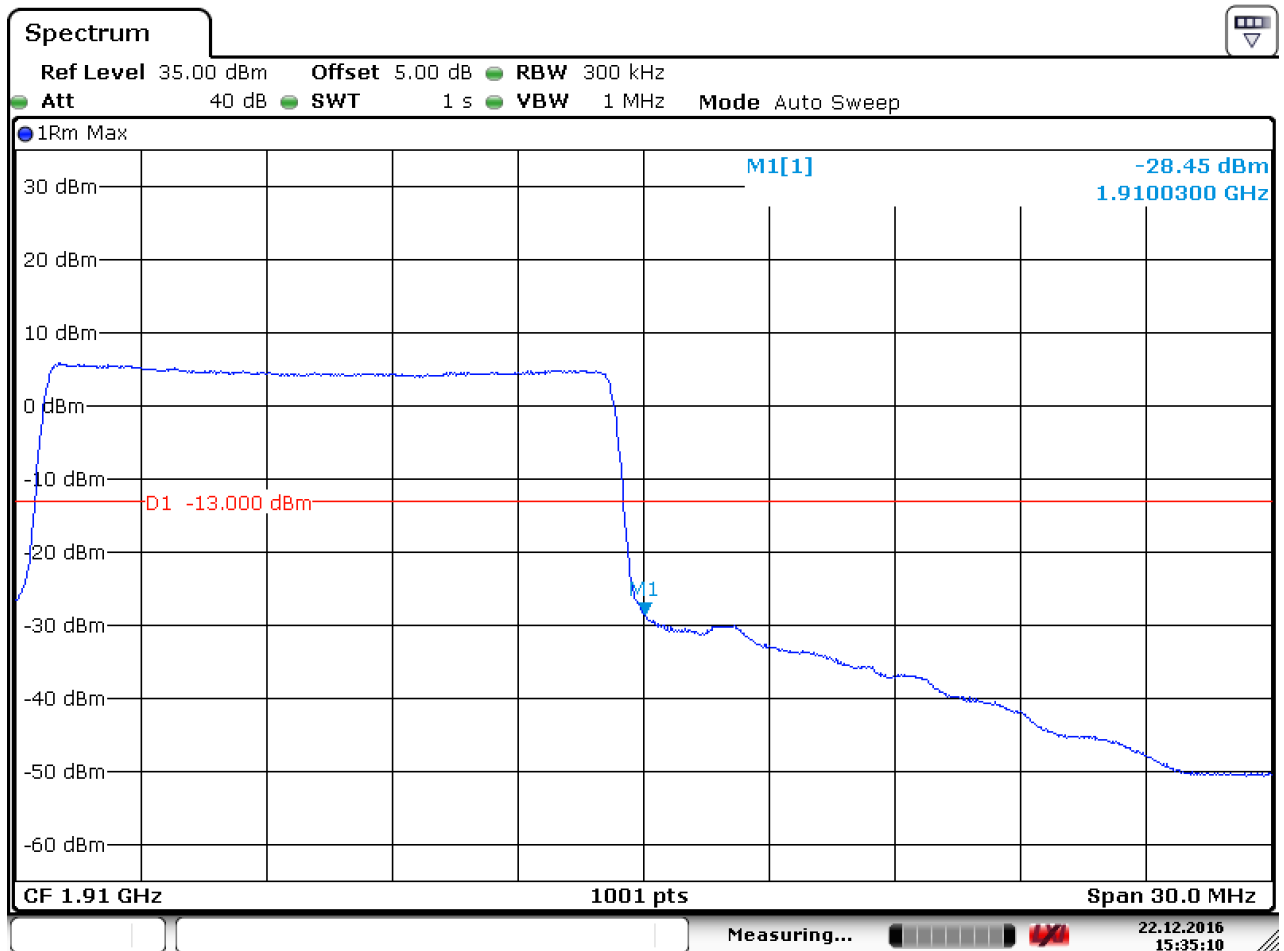
Date: 22.DEC.2016 15:35:11

5.1.1.11 Test Mode = LTE/TM1 20MHz

5.1.1.11.1 Test Channel = LCH

5.1.1.11.1.1 Test RB=1RB

Date: 22.DEC.2016 15:43:52

5.1.1.11.1.2 Test RB=100RB

```
Spectrum

 Ref Level  35.00 dBm    Offset  5.00 dB  ● RBW  300 kHz
● Att        40 dB  ● SWT      1 s  ● VBW   1 MHz    Mode Auto Sweep
●1Rm Max
                                              M1[1]              -28.07 dBm
 30 dBm                                                       1.8499700 GHz

 20 dBm

 10 dBm

  0 dBm

-10 dBm
         D1 -13.000 dBm
-20 dBm

-30 dBm                                    M1

-40 dBm

-50 dBm

-60 dBm

 CF 1.85 GHz                   1001 pts                    Span 40.0 MHz

                              Measuring...  ▮▮▮▮▮▮▮ ▉ ▨   22.12.2016
                                                          15:43:24
```
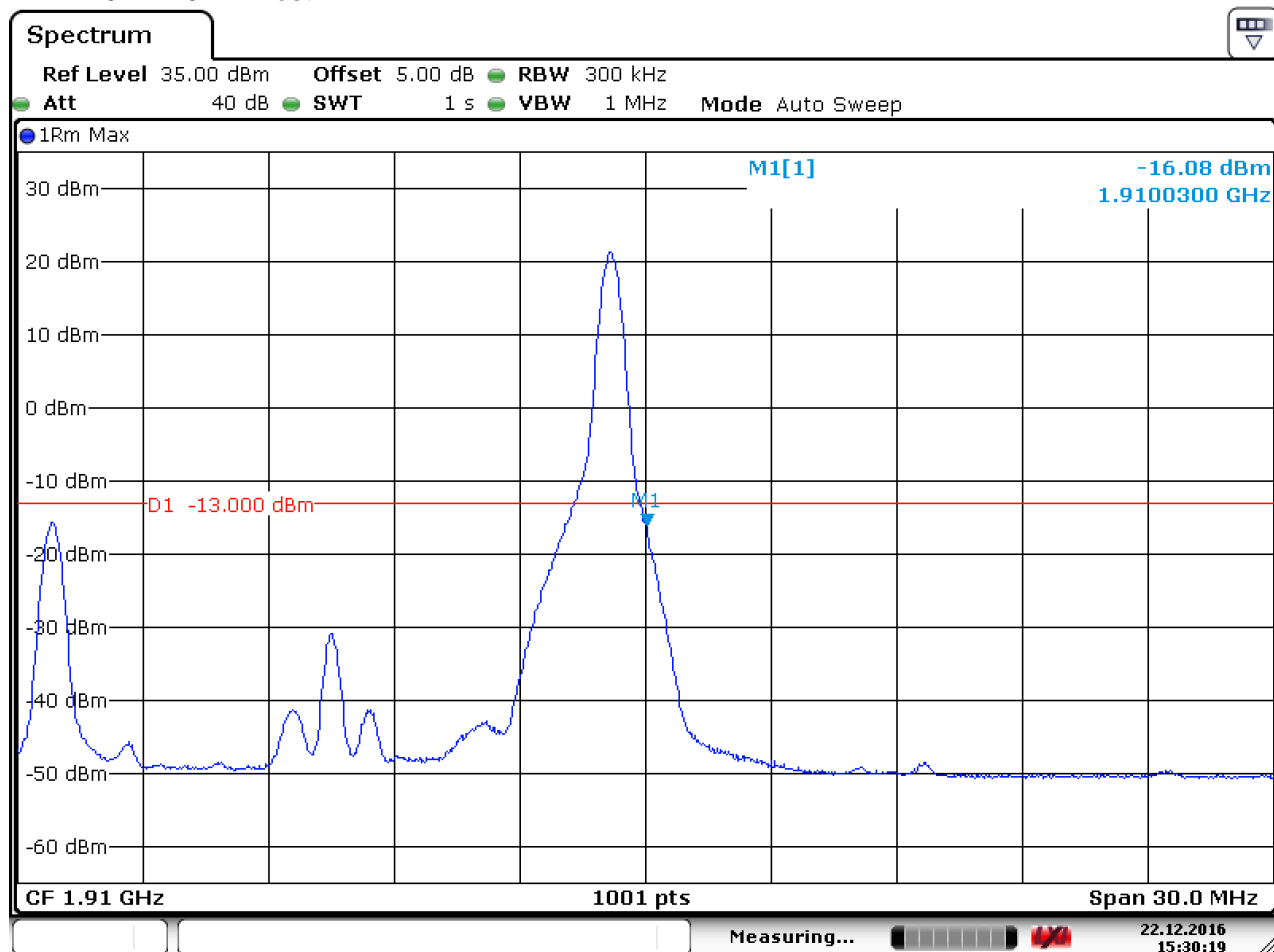
Date: 22.DEC.2016 15:43:25

5.1.1.11.2 Test Channel = HCH

5.1.1.11.2.1 Test RB=1RB

Date: 22.DEC.2016 15:45:39

5.1.1.11.2.2 Test RB=100RB

Spectrum						
Ref Level 35.00 dBm	Offset 5.00 dB	RBW 300 kHz				
Att 40 dB	SWT 1 s	VBW 1 MHz	Mode Auto Sweep			

1Rm Max

M1[1]   -29.45 dBm
1.9100400 GHz

30 dBm

20 dBm

10 dBm

0 dBm

-10 dBm   D1 -13.000 dBm

-20 dBm

-30 dBm   M1

-40 dBm

-50 dBm

-60 dBm

CF 1.91 GHz   1001 pts   Span 40.0 MHz

Measuring...   22.12.2016
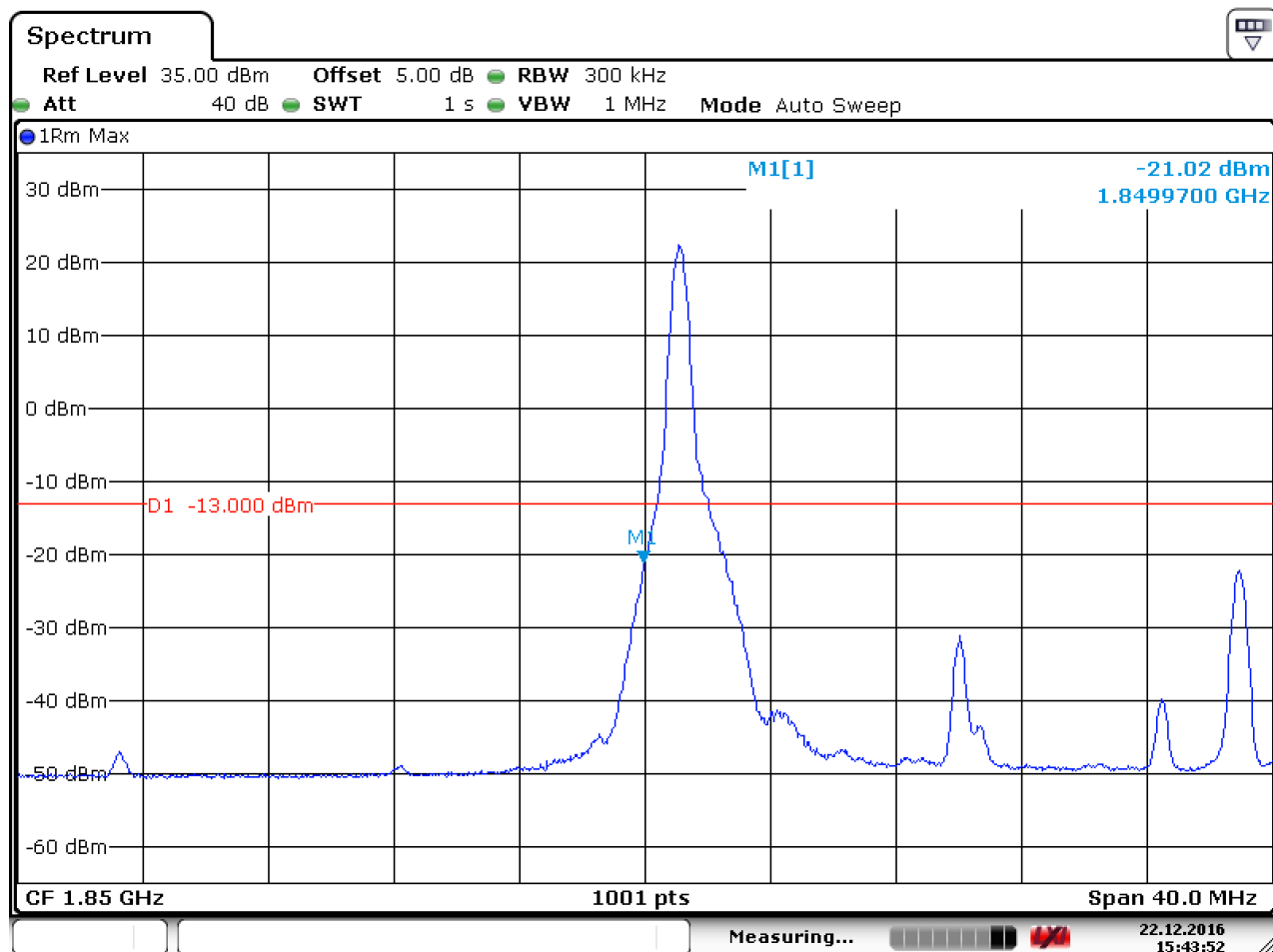   15:46:21

Date: 22.DEC.2016 15:46:21

5.1.1.12   Test Mode = LTE/TM2 20MHz
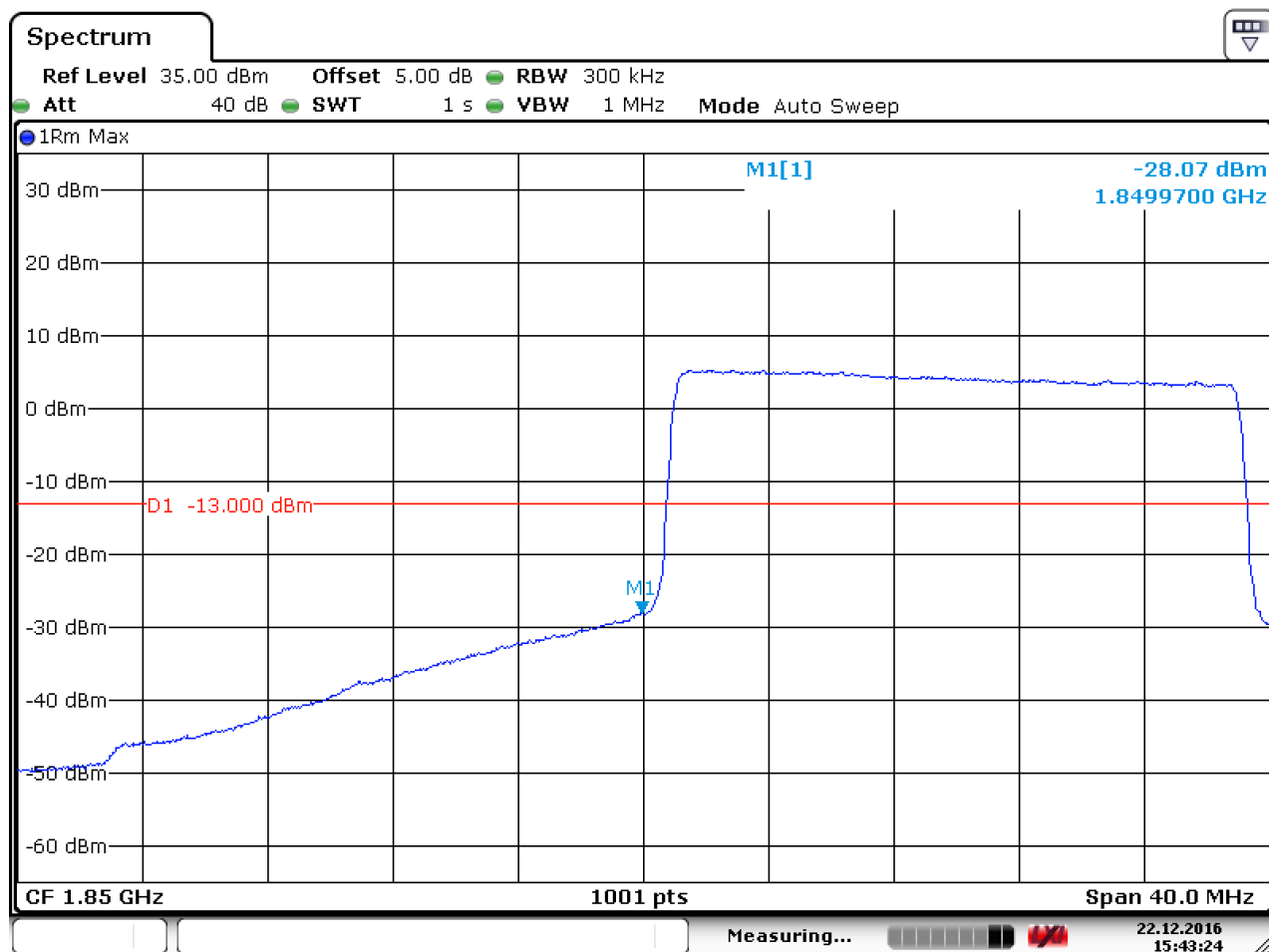
5.1.1.12.1   Test Channel = LCH

5.1.1.12.1.1 Test RB=1RB

Date: 22.DEC.2016 15:44:15
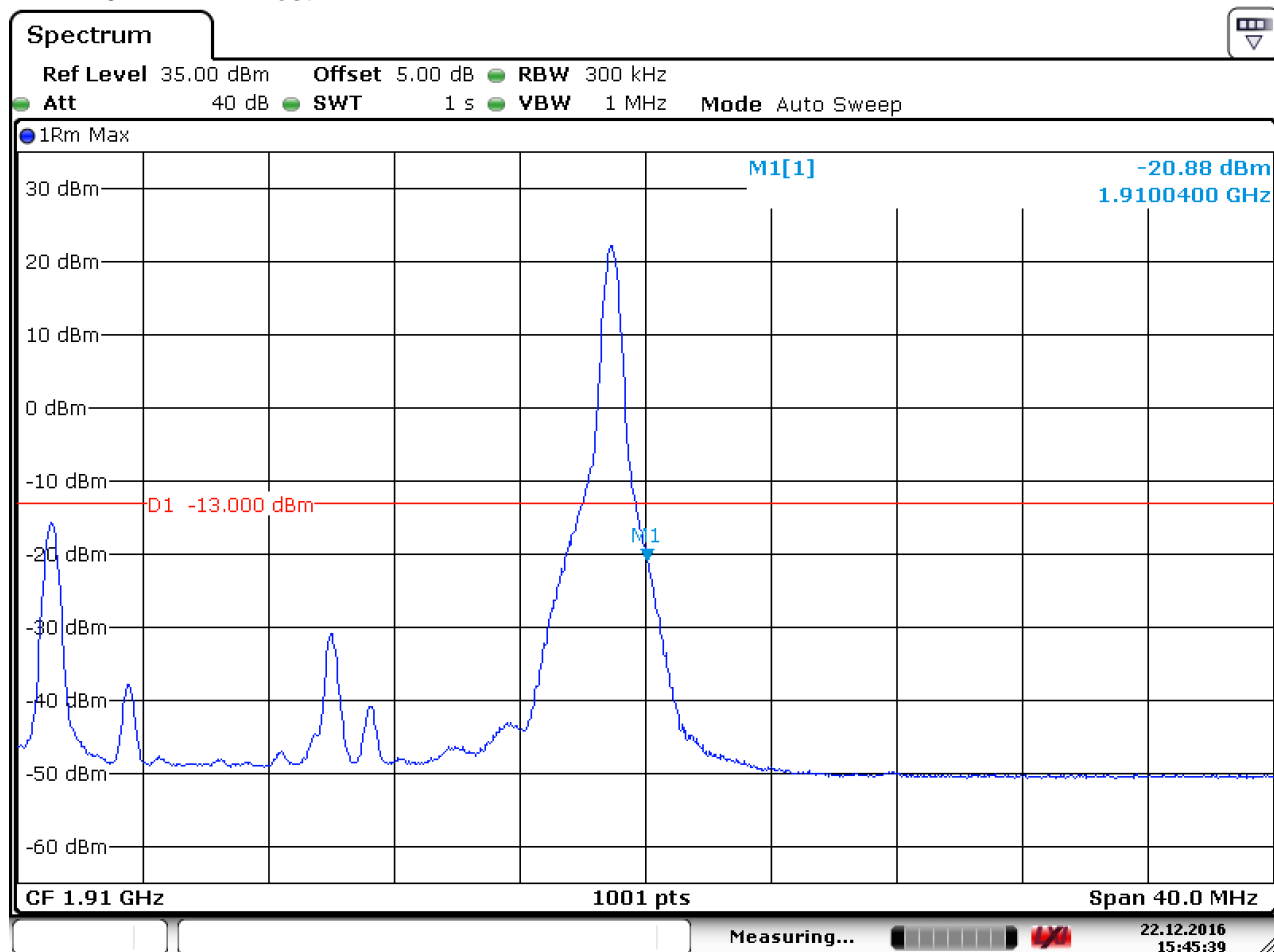
5.1.1.12.1.2 Test RB=100RB

Date: 22.DEC.2016 15:42:51

5.1.1.12.2 Test Channel = HCH
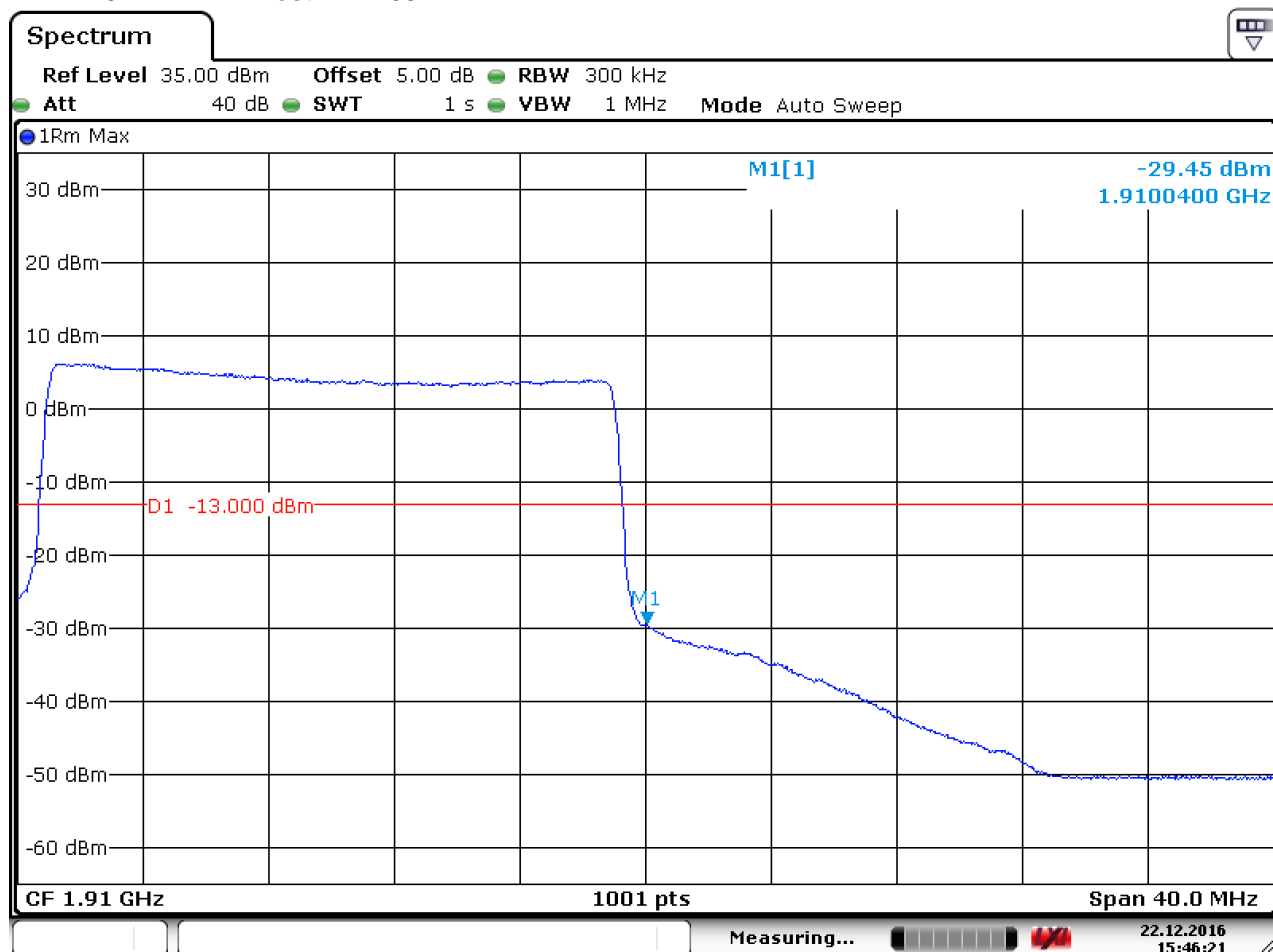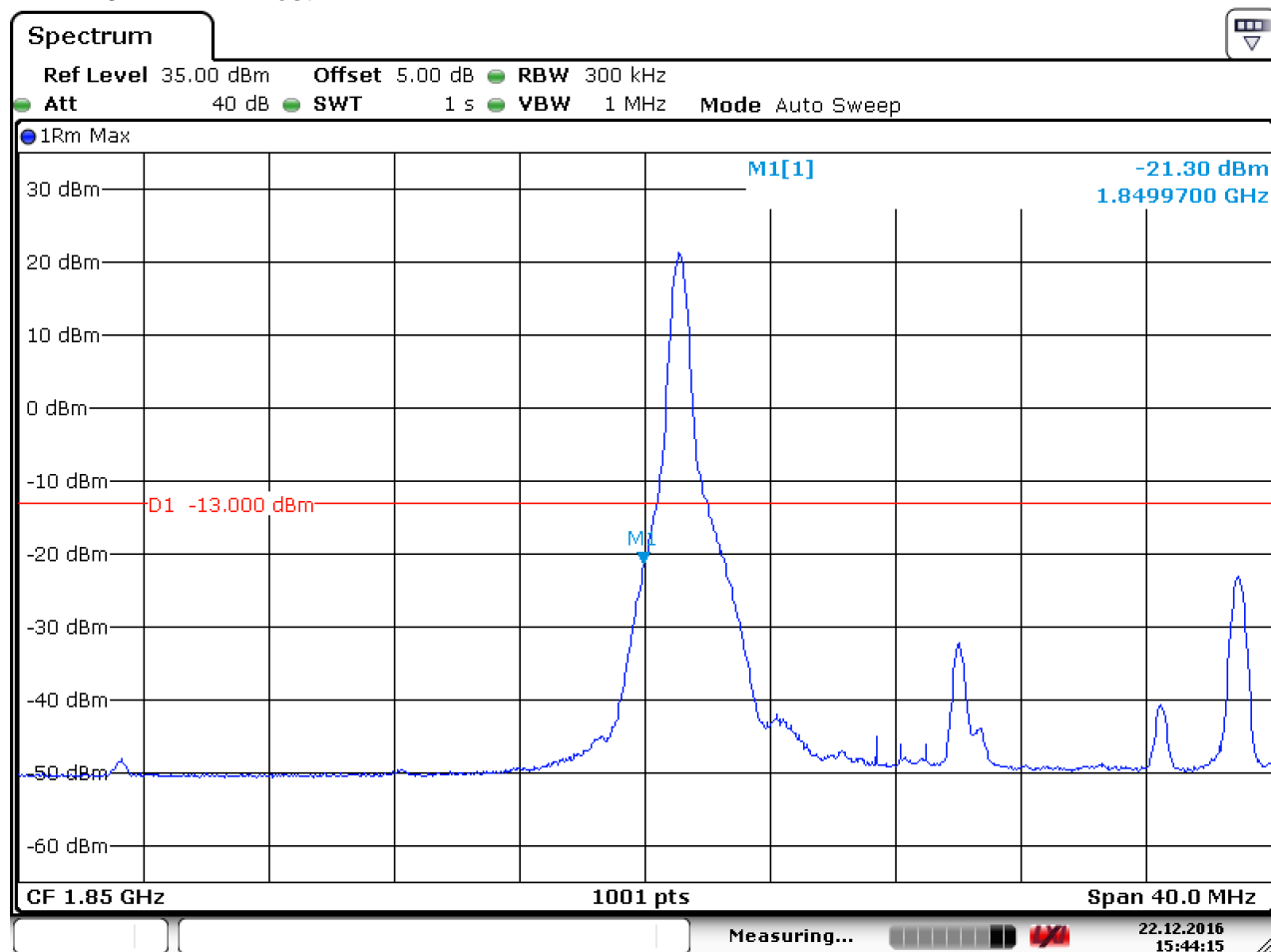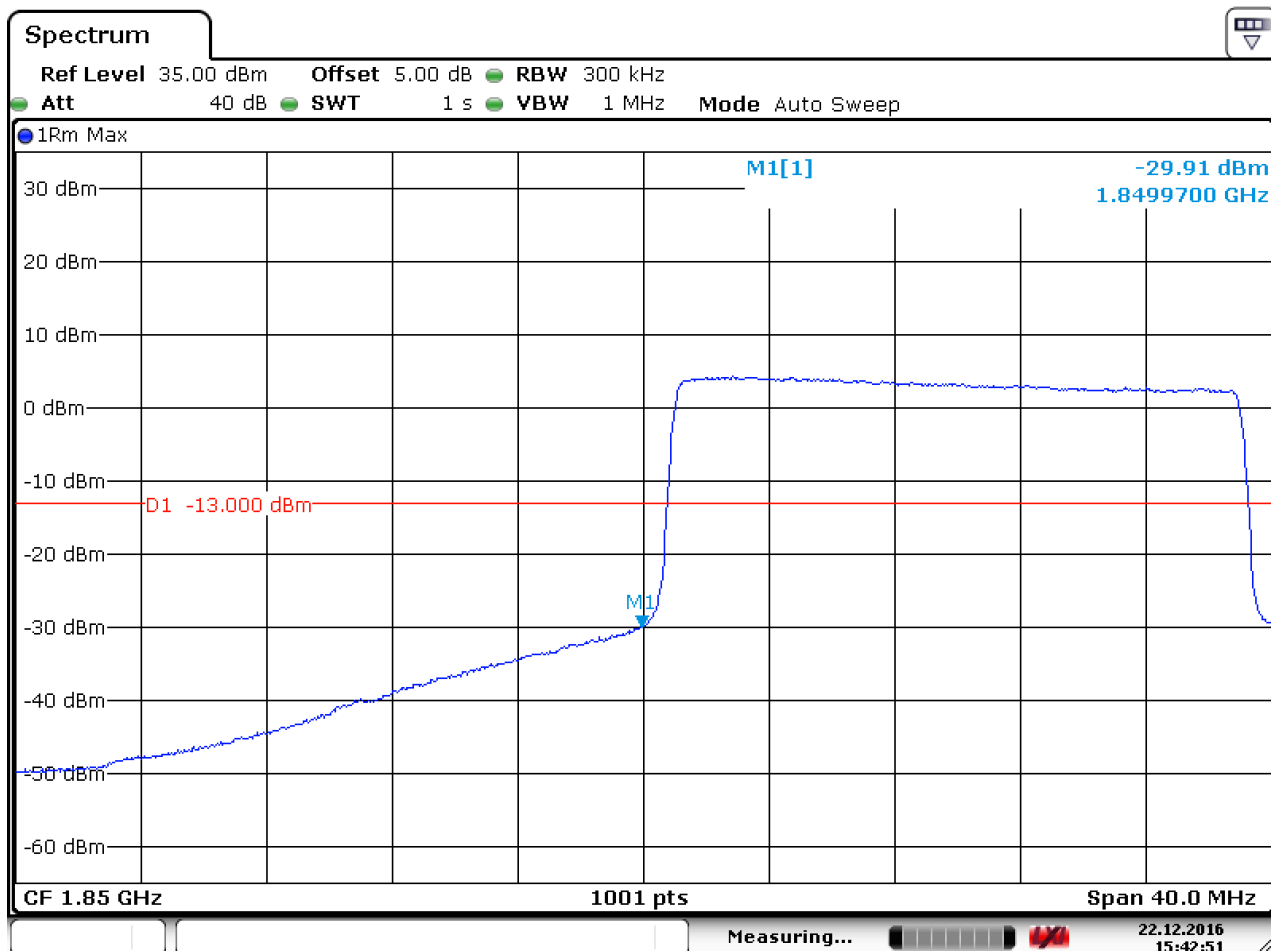
5.1.1.12.2.1 Test RB=1RB
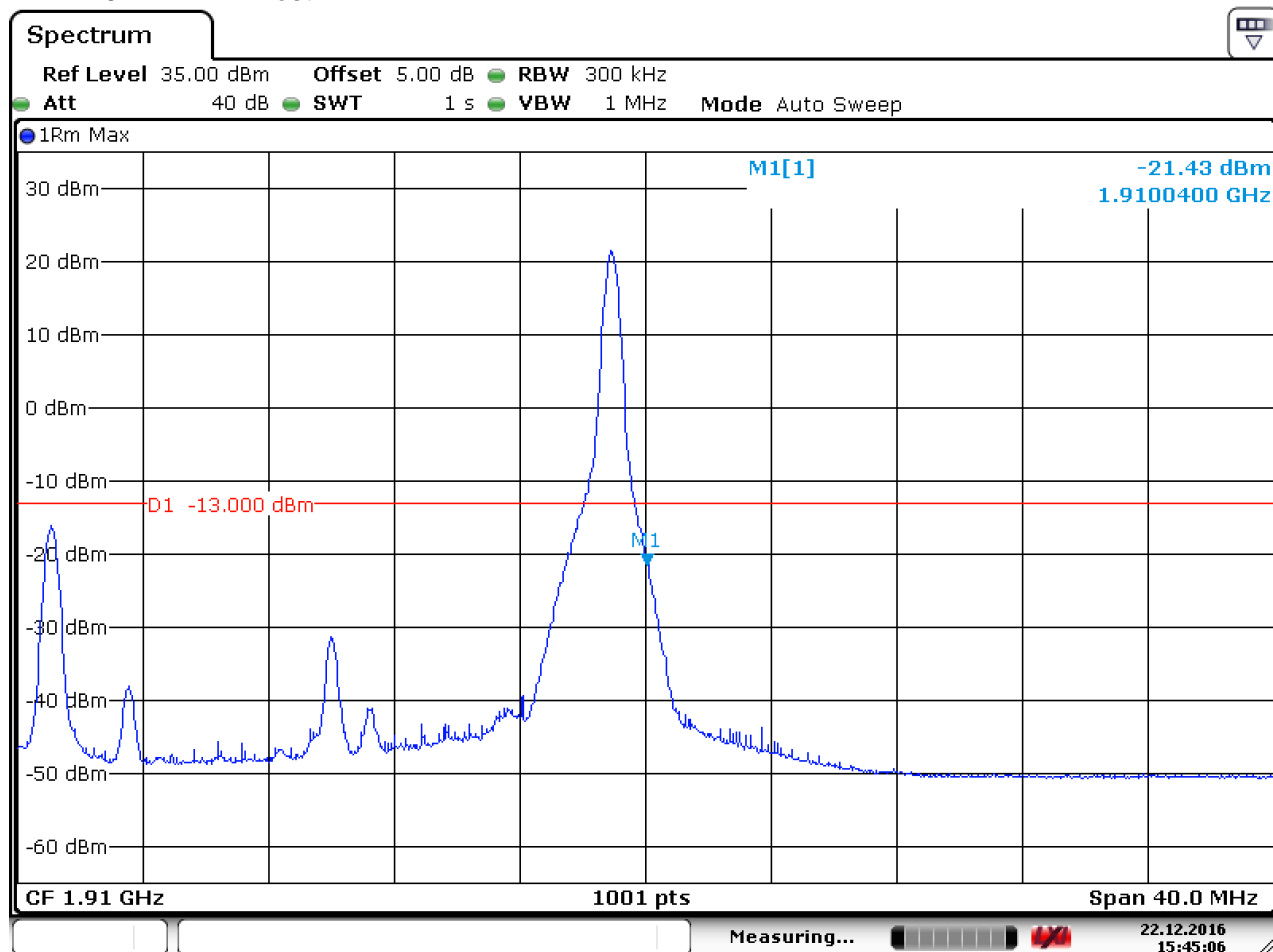
Date: 22.DEC.2016 15:45:06

5.1.1.12.2.2 Test RB=100RB
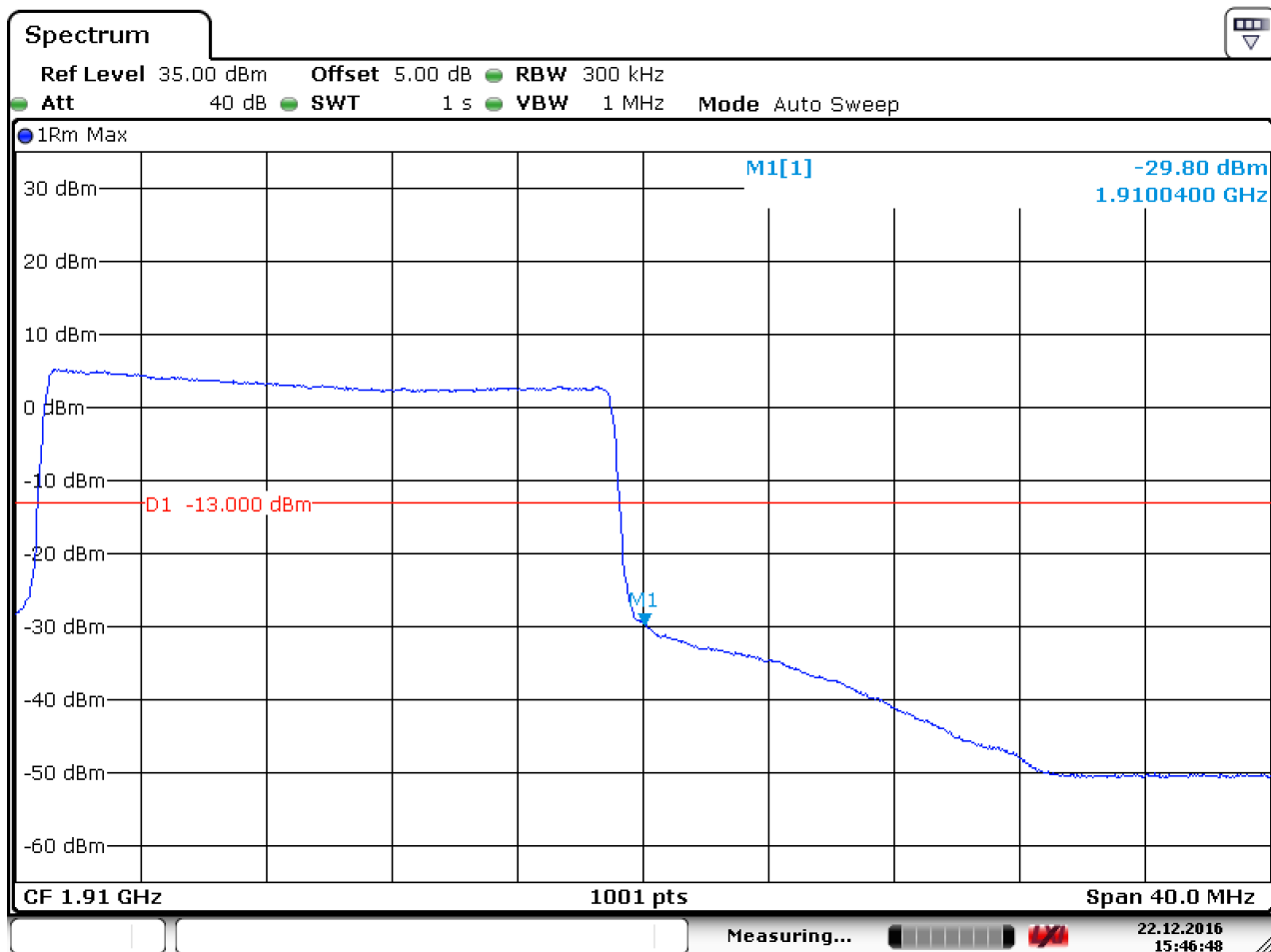
Date: 22.DEC.2016 15:46:48

6   Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE band2

6.1.1.1   Test Mode = LTE / TM1 1.4MHz RB1#0

6.1.1.1.1   Test Channel = LCH
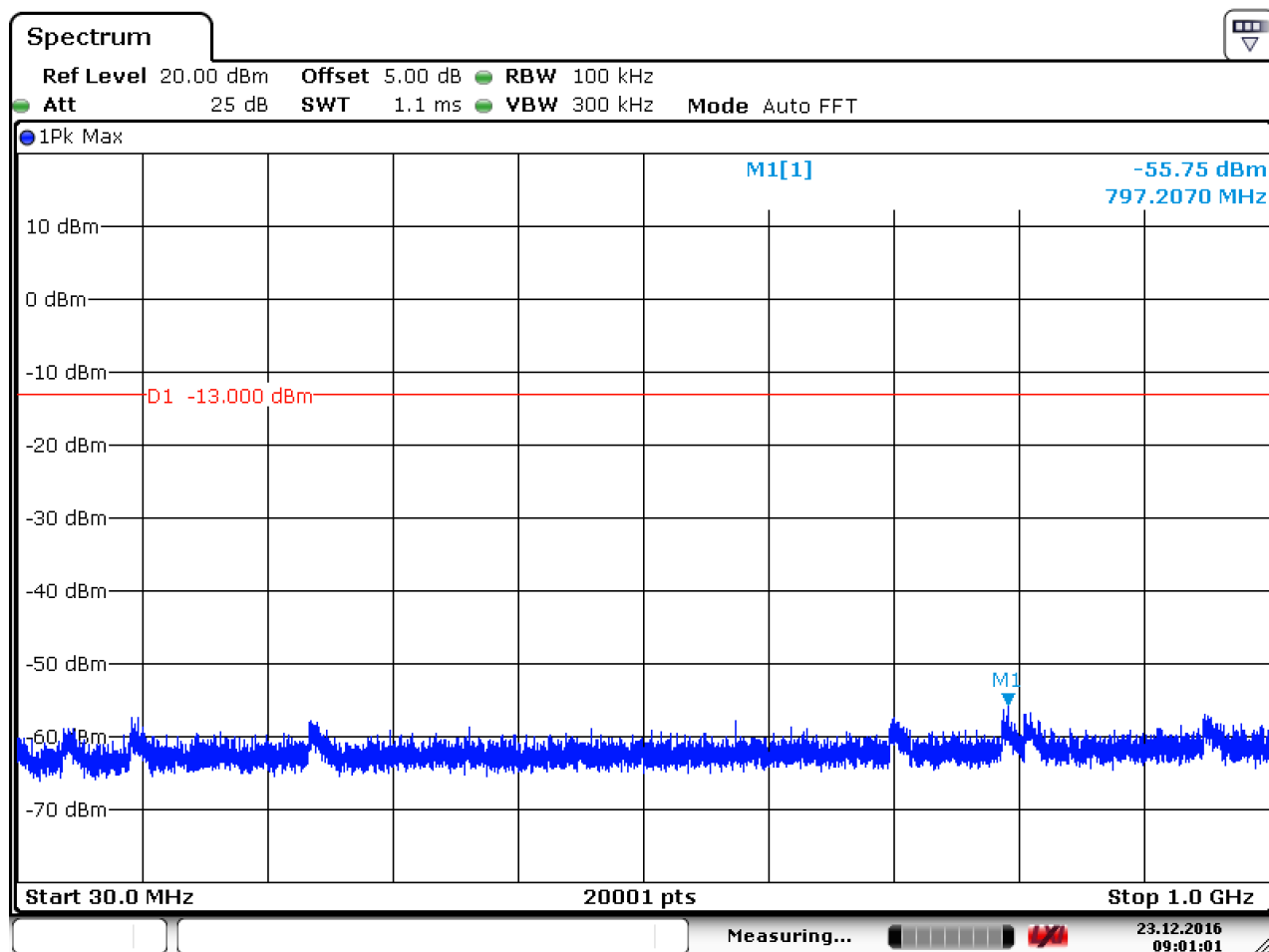
Date: 23.DEC.2016 09:01:01

Spectrum

| Ref Level | 20.00 dBm | Offset | 5.00 dB | RBW | 1 MHz |
| Att | 25 dB | SWT | 27 ms | VBW | 3 MHz | Mode Auto Sweep |

1Pk Max

M1[1]   -38.20 dBm
3.700540 GHz

10 dBm
0 dBm
-10 dBm
D1 -13.000 dBm
-20 dBm
-30 dBm
M1
-40 dBm
-50 dBm
-60 dBm
-70 dBm

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016 09:46:23
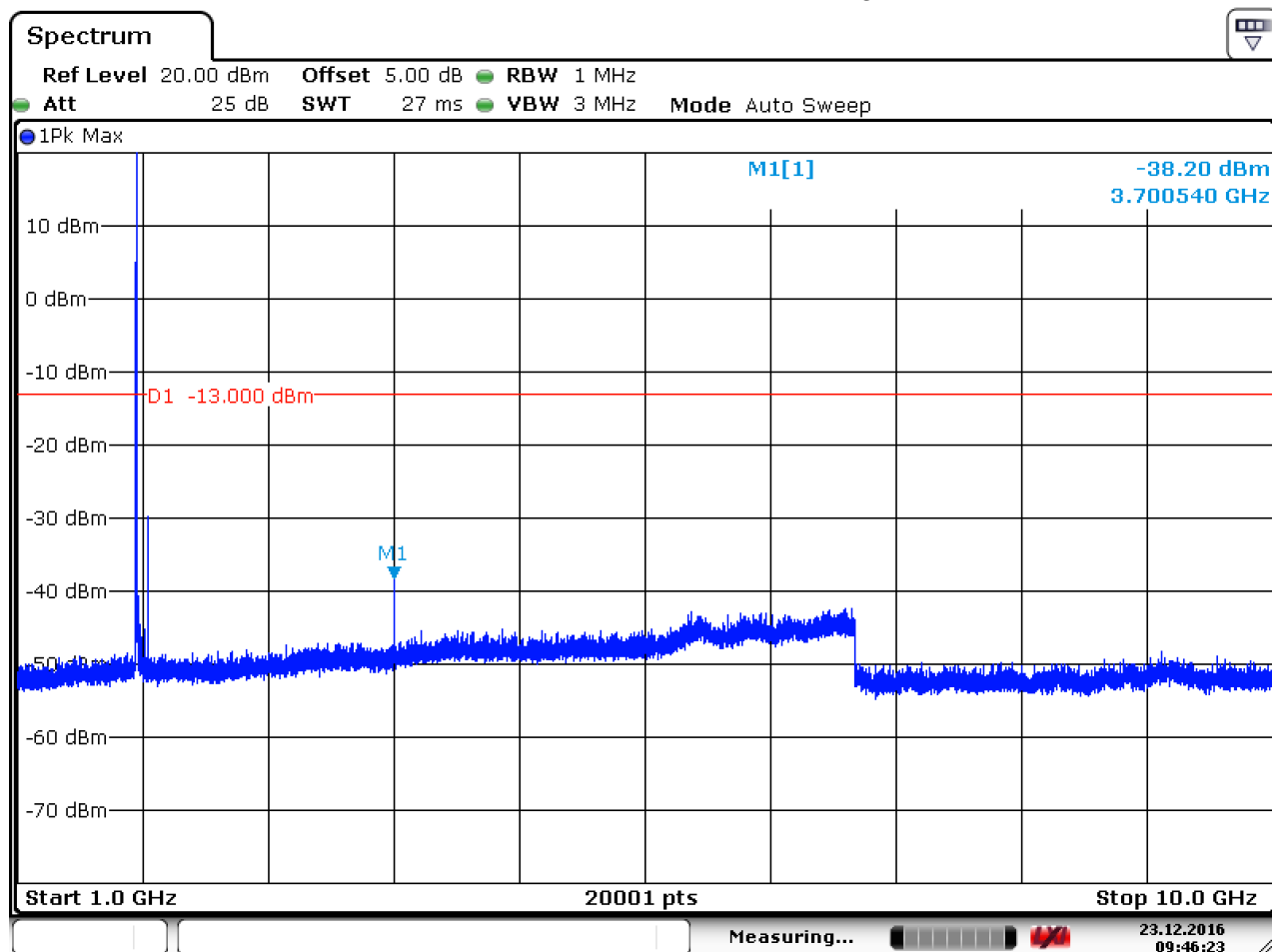
Date: 23.DEC.2016 09:46:24

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Date: 23.DEC.2016 09:48:44

6.1.1.1.2   Test Channel = MCH

Date: 23.DEC.2016 09:01:48

Spectrum						
Ref Level 20.00 dBm		Offset 5.00 dB	● RBW 1 MHz			
● Att 25 dB		SWT 27 ms	● VBW 3 MHz	Mode Auto Sweep		

● 1Pk Max

M1[1]   -37.13 dBm
                      3.759490 GHz

10 dBm

0 dBm

-10 dBm
D1 -13.000 dBm

-20 dBm

-30 dBm

M1
-40 dBm

-50 dBm

-60 dBm

-70 dBm

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016
                      09:45:36
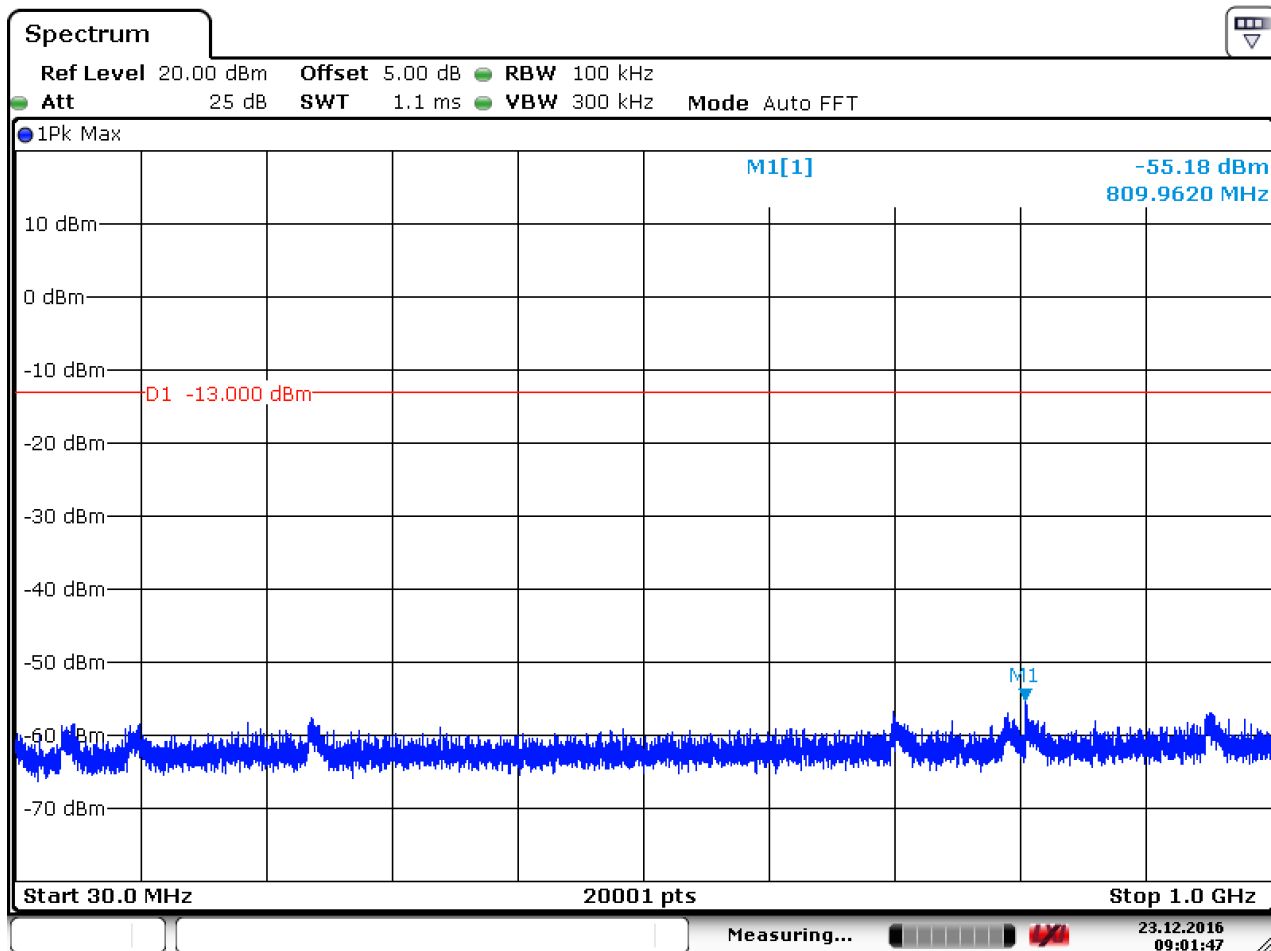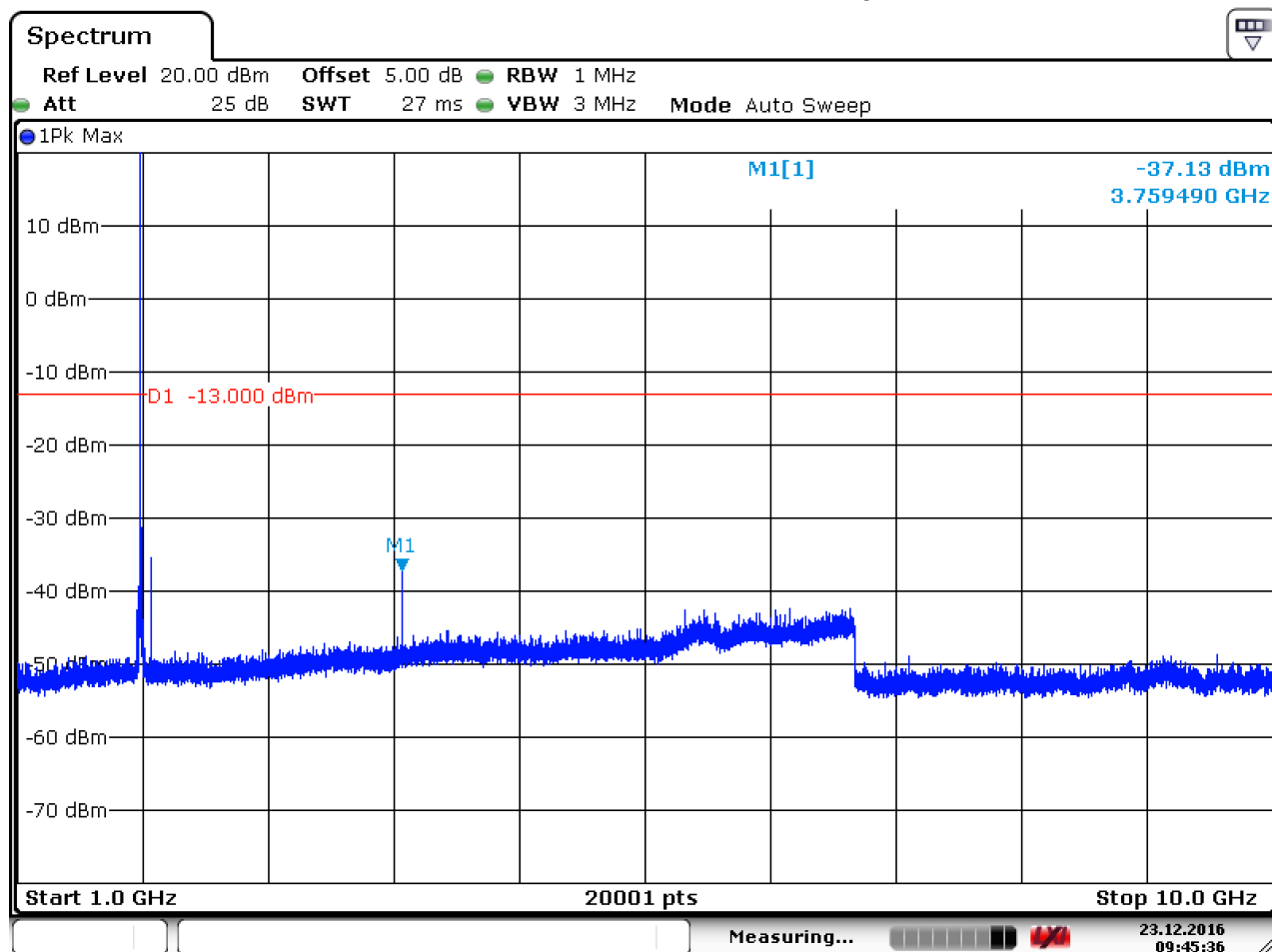
Date: 23.DEC.2016 09:45:36

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Spectrum					
Ref Level 20.00 dBm	**Offset** 5.00 dB	● **RBW** 1 MHz			
● **Att** 25 dB	**SWT** 30 ms	● **VBW** 3 MHz	**Mode** Auto Sweep		

● 1Pk Max

M1[1] -46.69 dBm
19.827260 GHz

D1 -13.000 dBm

M1

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016 09:48:19

Date: 23.DEC.2016 09:48:19

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
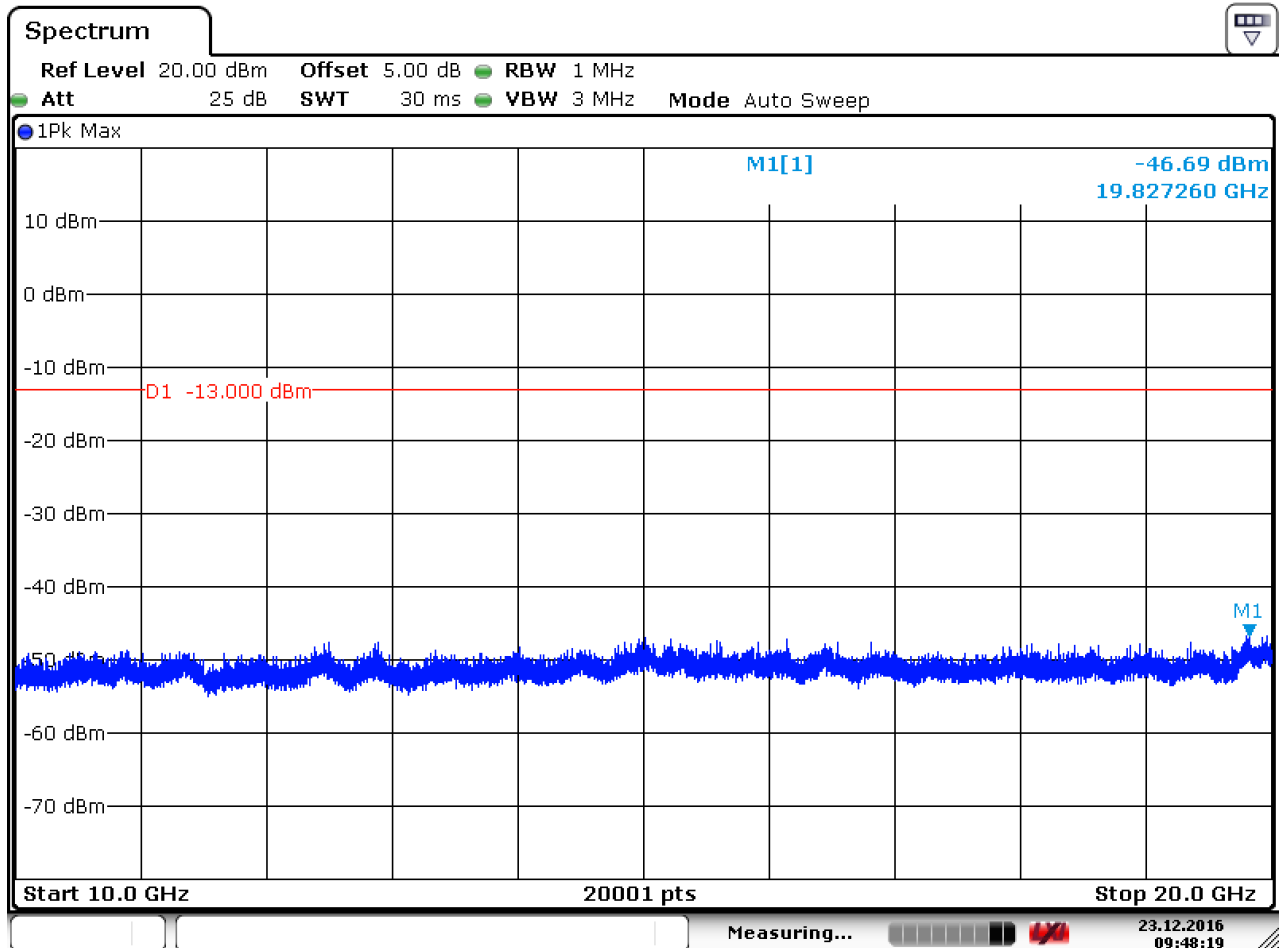
6.1.1.1.3   Test Channel = HCH

Date: 23.DEC.2016 09:23:33

Date: 23.DEC.2016 09:46:55

Spectrum

| Ref Level | 20.00 dBm | Offset | 5.00 dB | ● | RBW | 1 MHz |
| Att | 25 dB | SWT | 30 ms | ● | VBW | 3 MHz | Mode Auto Sweep |

●1Pk Max

M1[1]   -46.21 dBm
                                          19.802260 GHz

10 dBm—

0 dBm—

-10 dBm—
D1 -13.000 dBm

-20 dBm—

-30 dBm—

-40 dBm—
                                                                        M1

-50 dBm—

-60 dBm—

-70 dBm—

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016 09:47:50
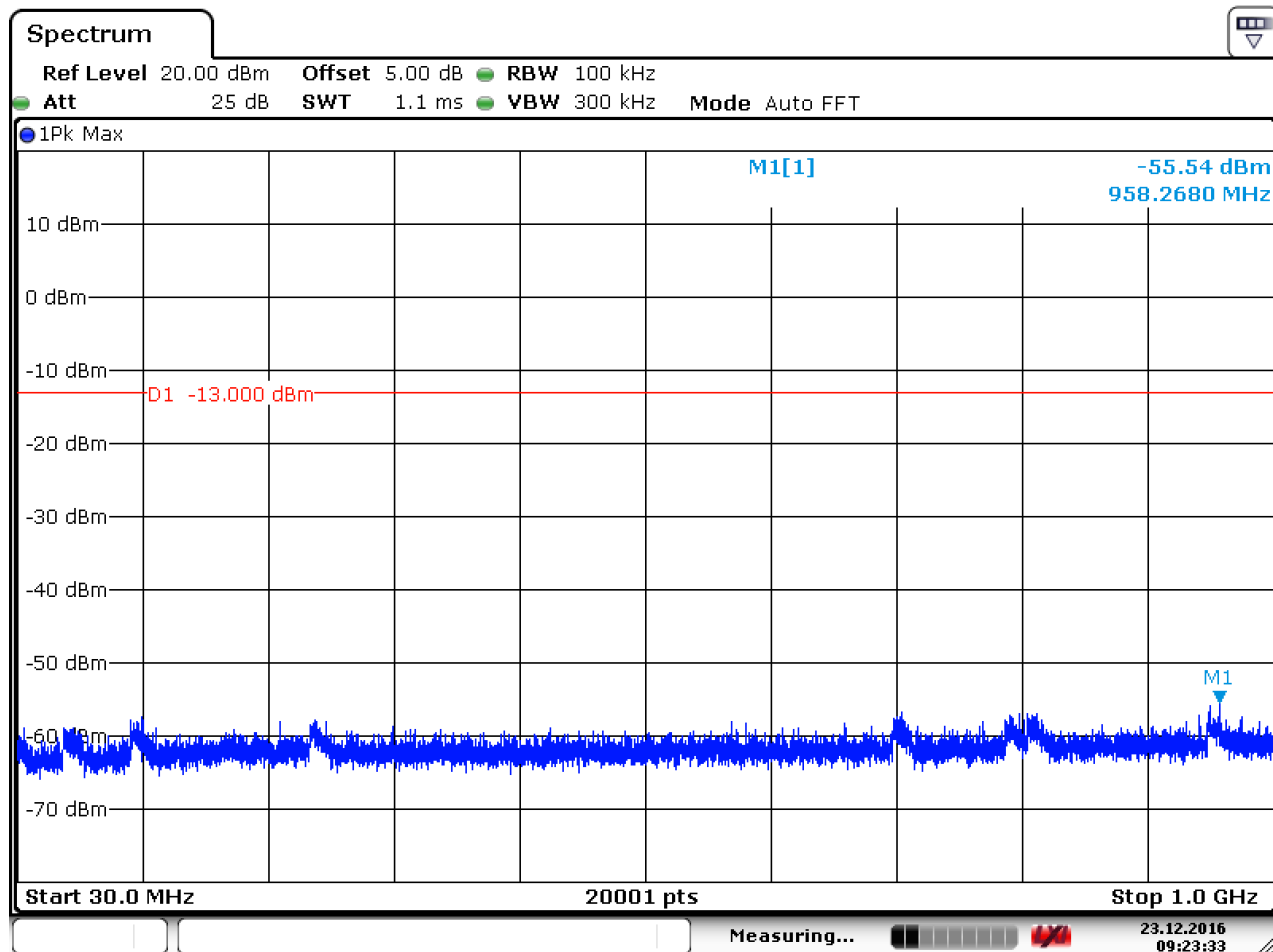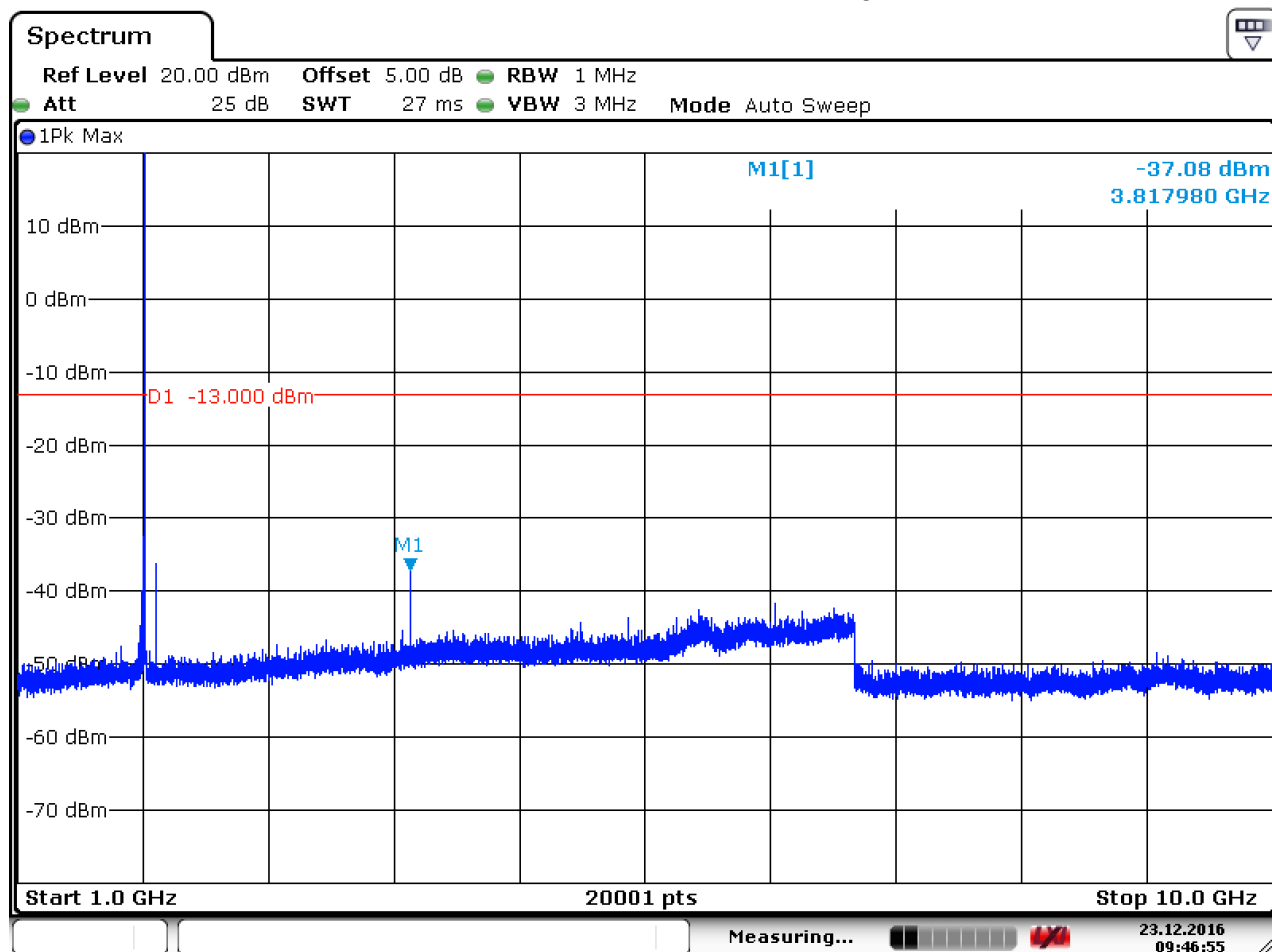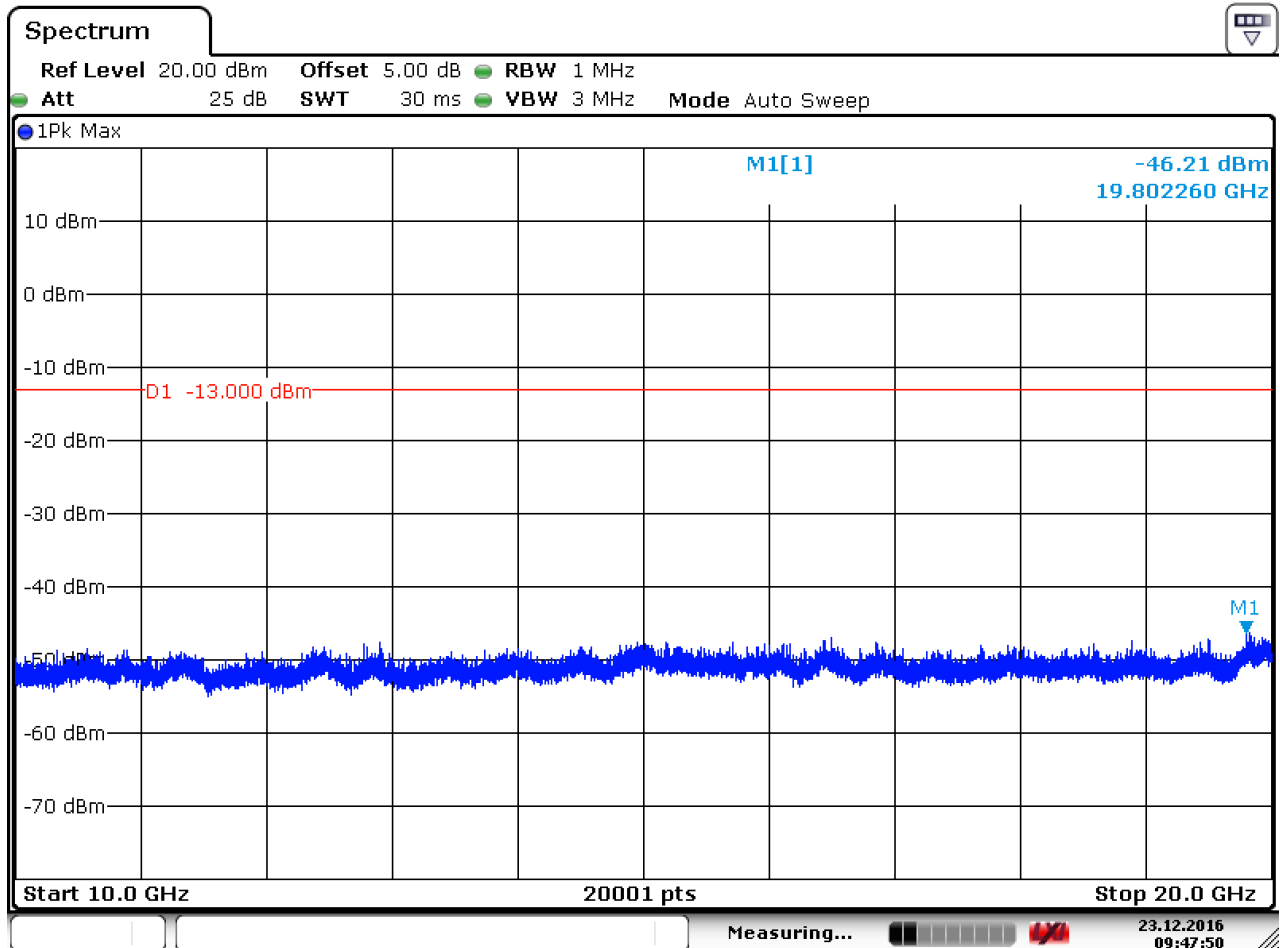
Date: 23.DEC.2016 09:47:51

6.1.1.2   Test Mode = LTE / TM1 3MHz RB1#0

6.1.1.2.1   Test Channel = LCH
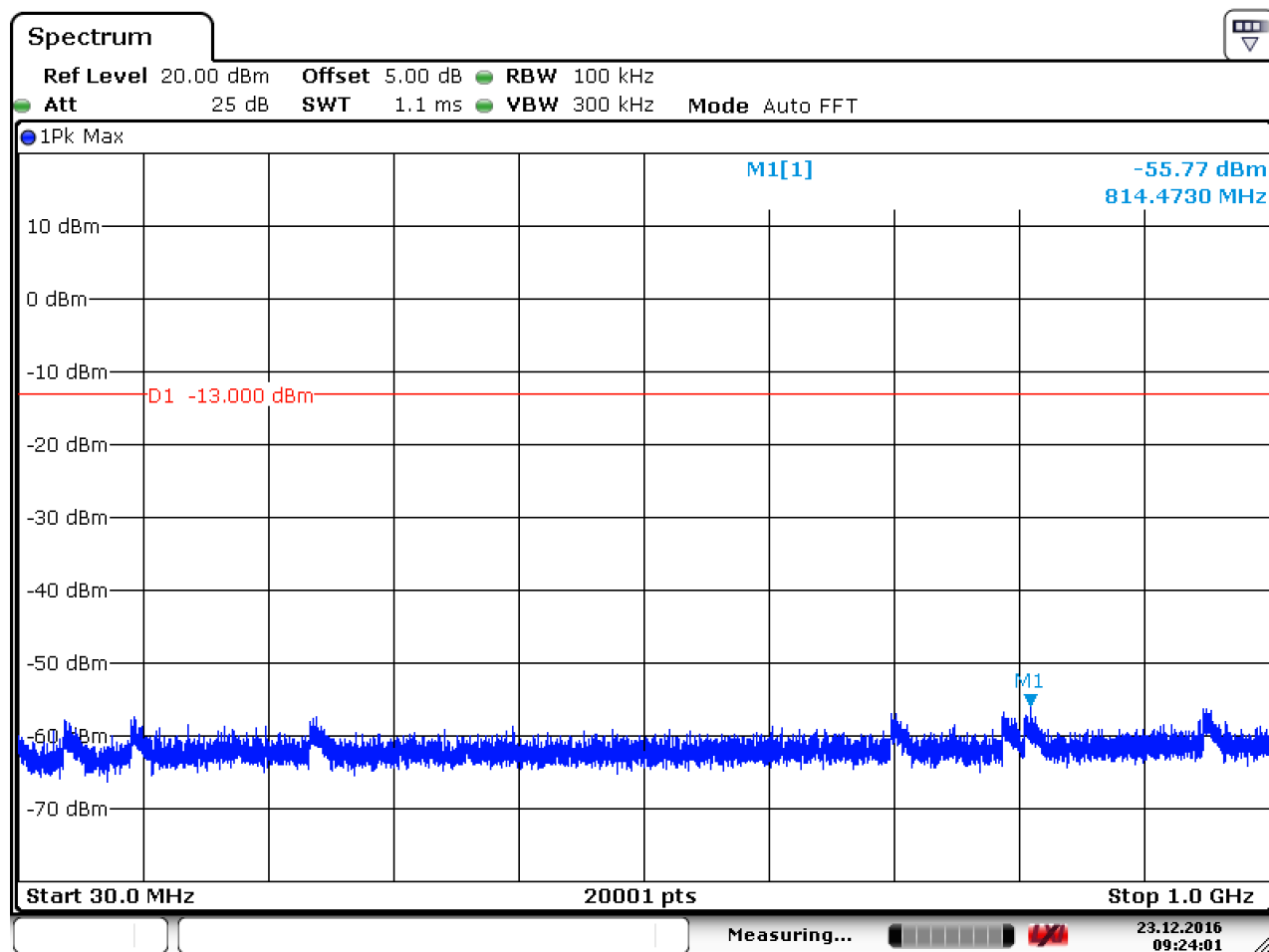
Date: 23.DEC.2016 09:24:01

Date: 23.DEC.2016 09:44:00

Spectrum					
Ref Level 20.00 dBm	Offset 5.00 dB	● RBW 1 MHz			
● Att 25 dB	SWT 30 ms	● VBW 3 MHz	Mode Auto Sweep		

● 1Pk Max

M1[1]   -46.32 dBm
19.982250 GHz

10 dBm

0 dBm

-10 dBm

D1 -13.000 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016 09:50:21
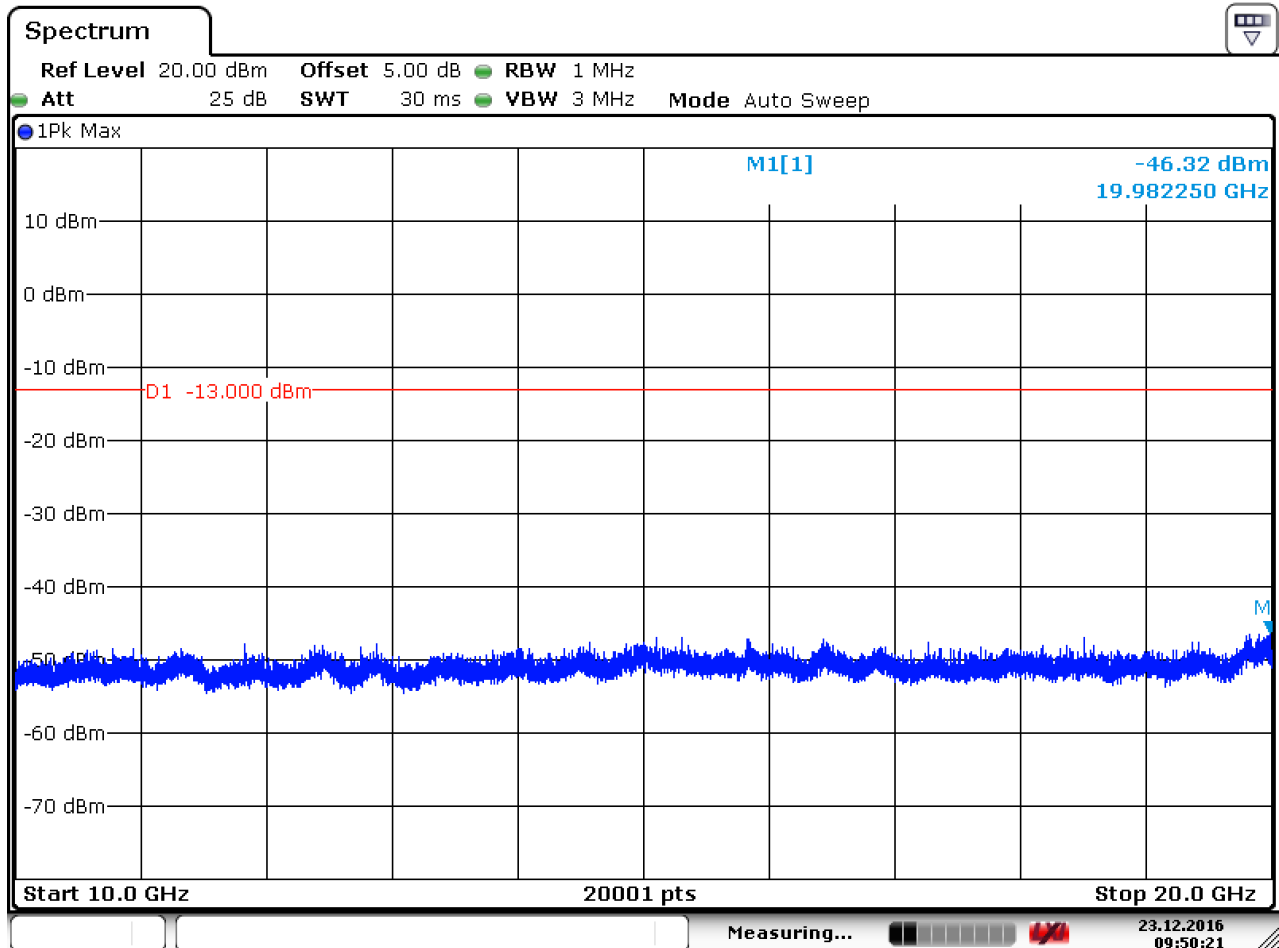
Date: 23.DEC.2016 09:50:21

6.1.1.2.2   Test Channel = MCH
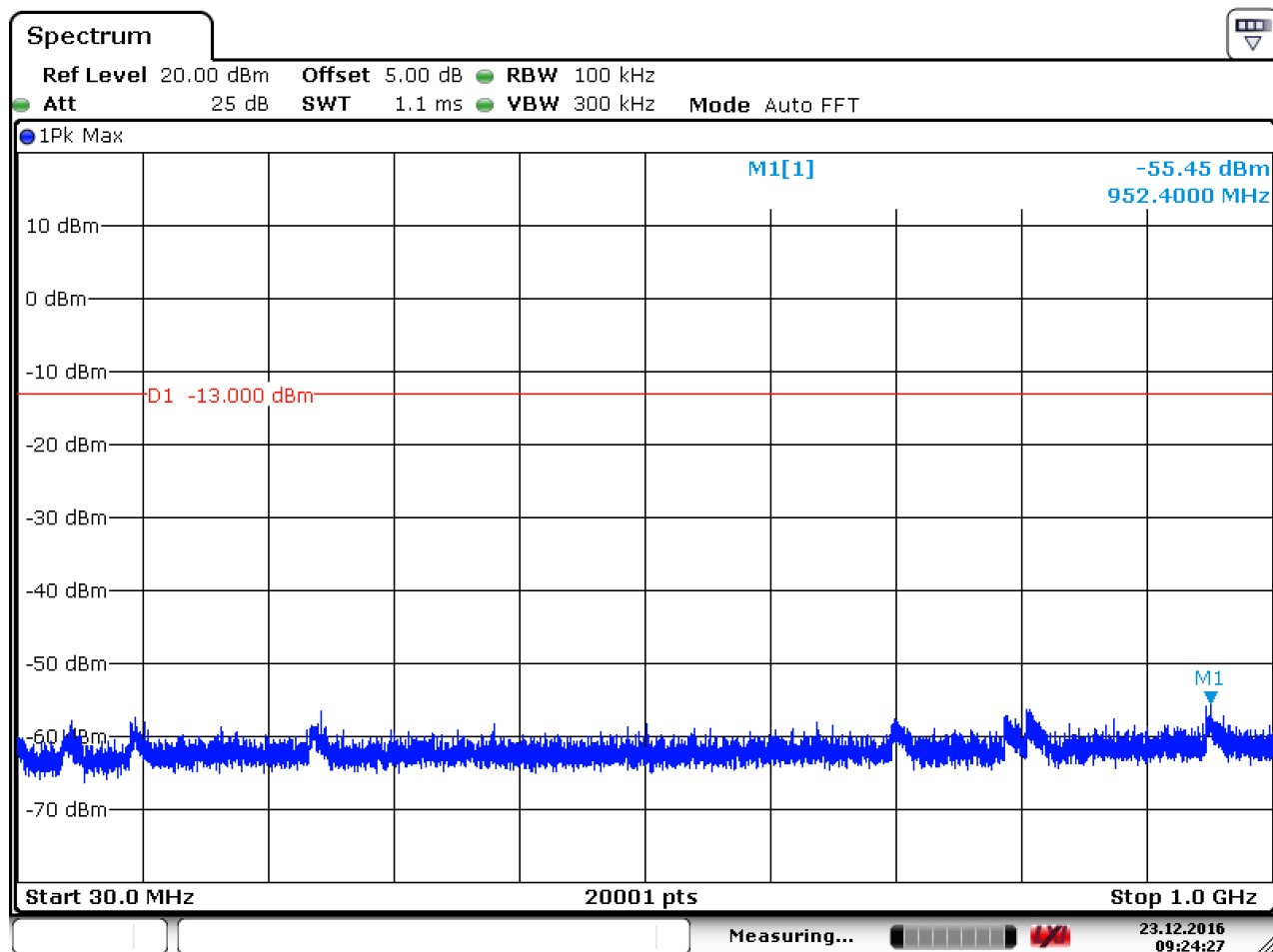
Date: 23.DEC.2016 09:24:28
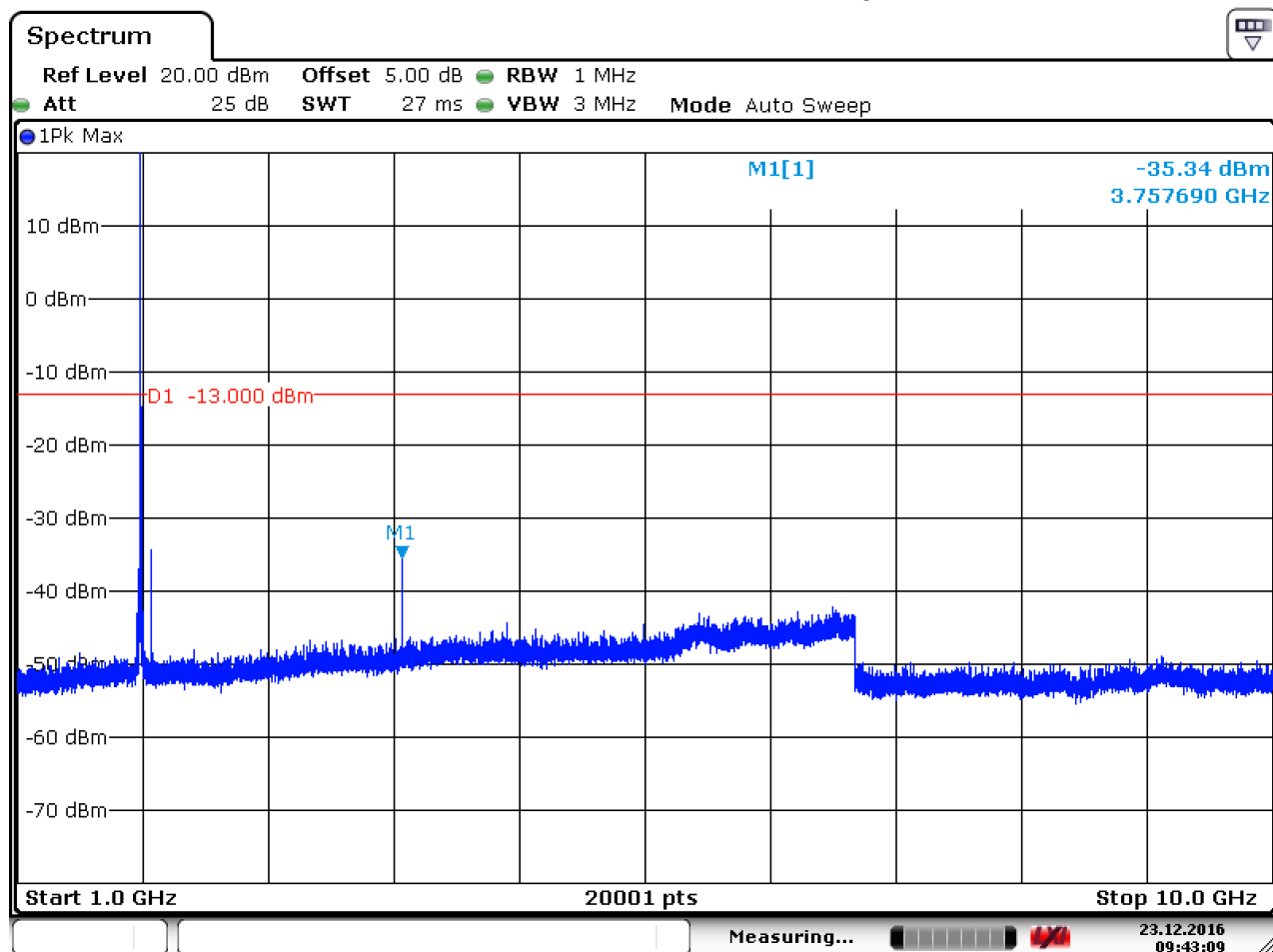
Date: 23.DEC.2016 09:43:08

Date: 23.DEC.2016 09:49:55
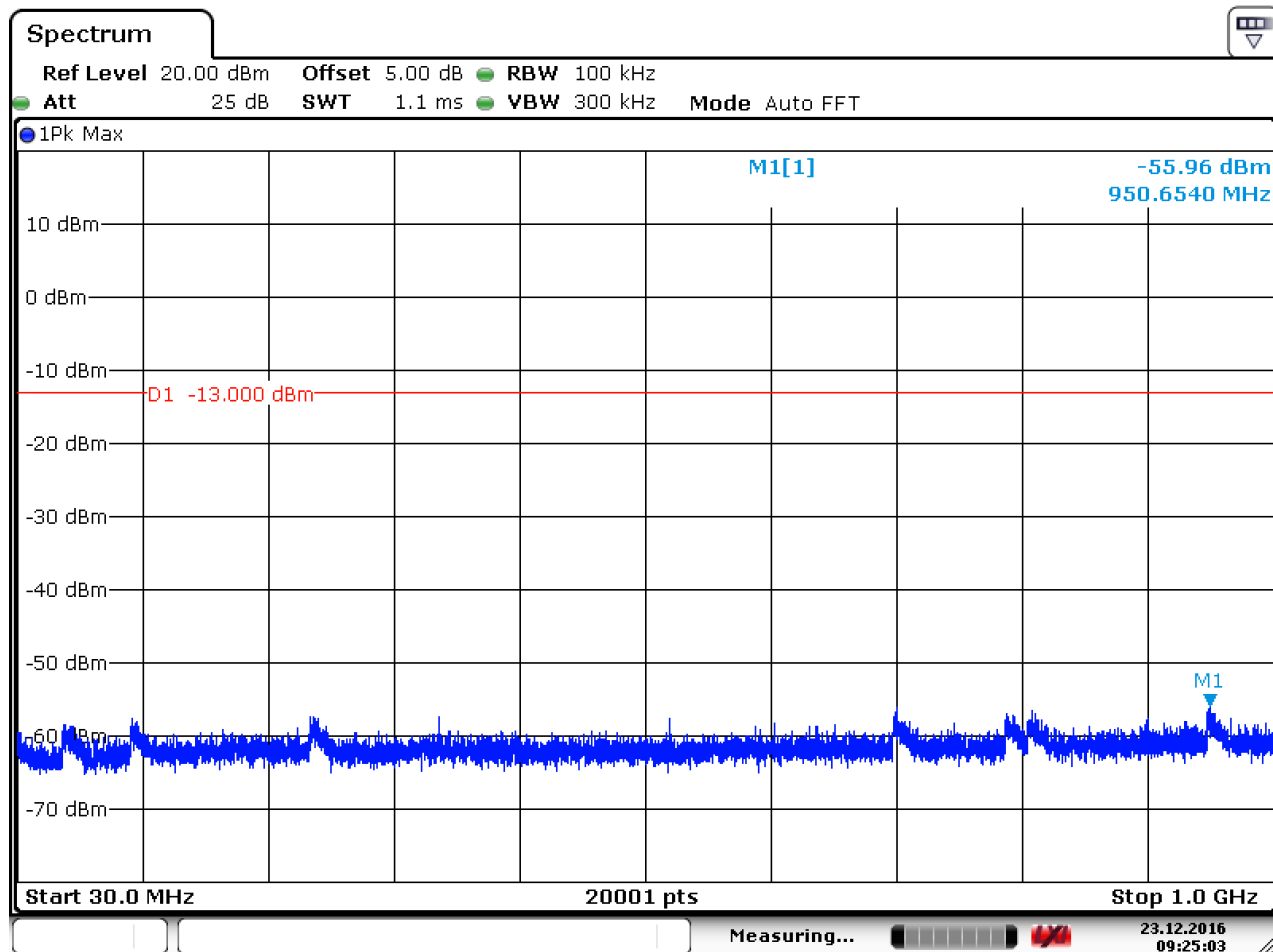
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6.1.1.2.3 Test Channel = HCH

Date: 23.DEC.2016 09:25:03

Spectrum

| Ref Level 20.00 dBm | Offset 5.00 dB | RBW 1 MHz |
| Att 25 dB | SWT 27 ms | VBW 3 MHz | Mode Auto Sweep |

1Pk Max

M1[1]   -35.70 dBm
              3.814830 GHz

D1 -13.000 dBm

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016 09:44:33

Date: 23.DEC.2016 09:44:34

Spectrum

| Ref Level 20.00 dBm | Offset 5.00 dB | RBW 1 MHz |
| Att 25 dB | SWT 30 ms | VBW 3 MHz | Mode Auto Sweep |

1Pk Max

M1[1]   -46.50 dBm
               19.953750 GHz

D1 -13.000 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

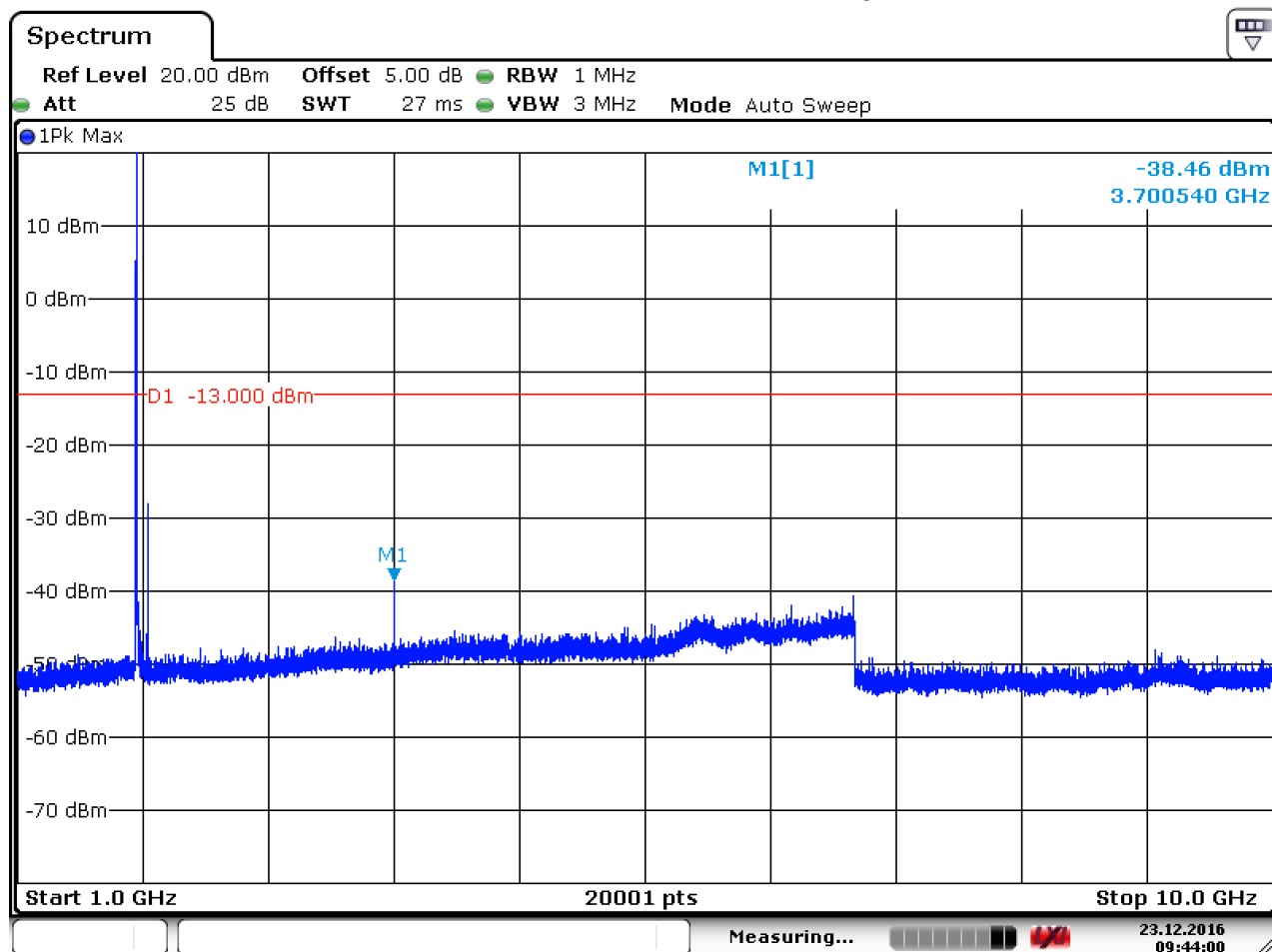Measuring...   23.12.2016 09:49:26
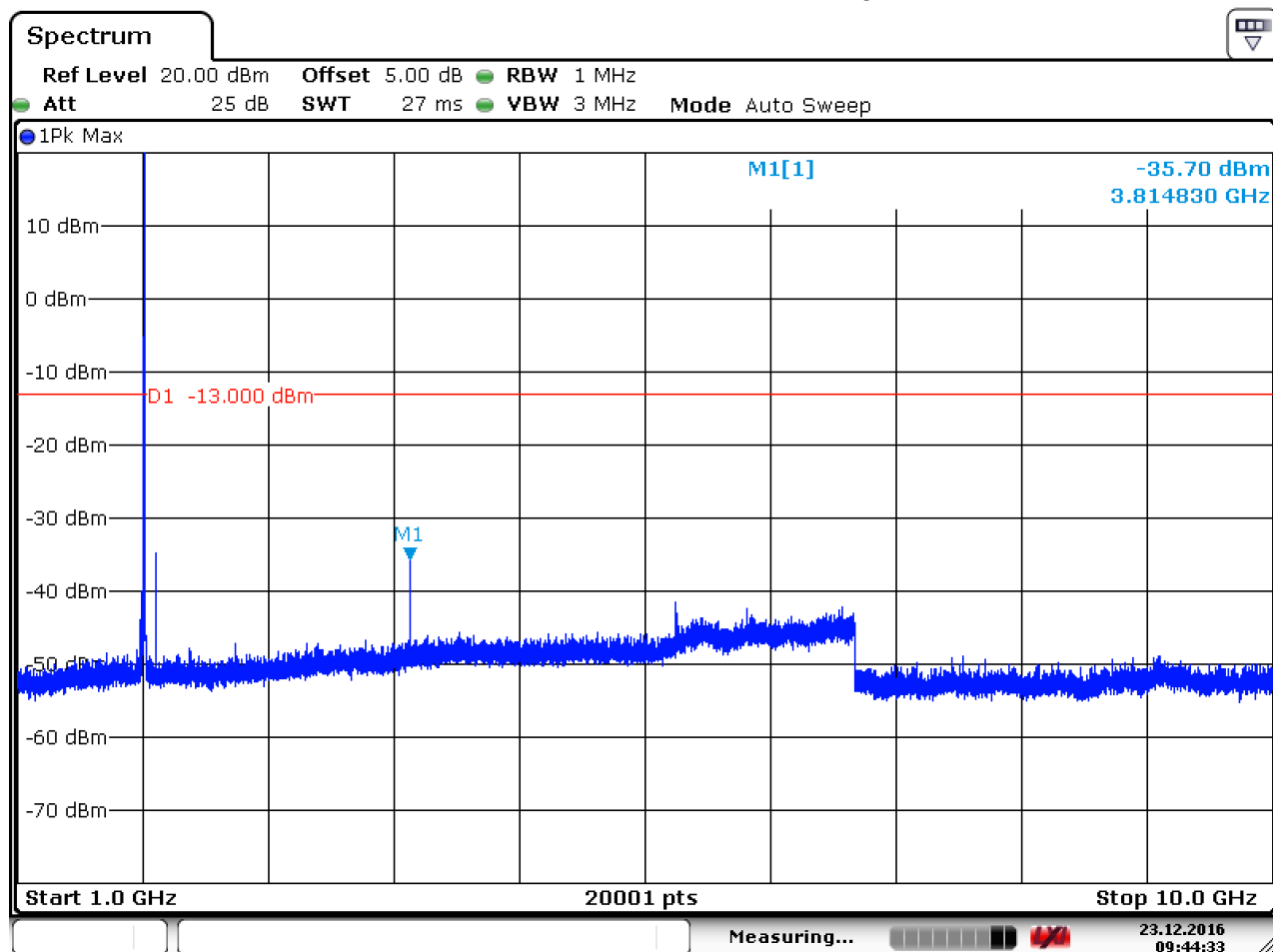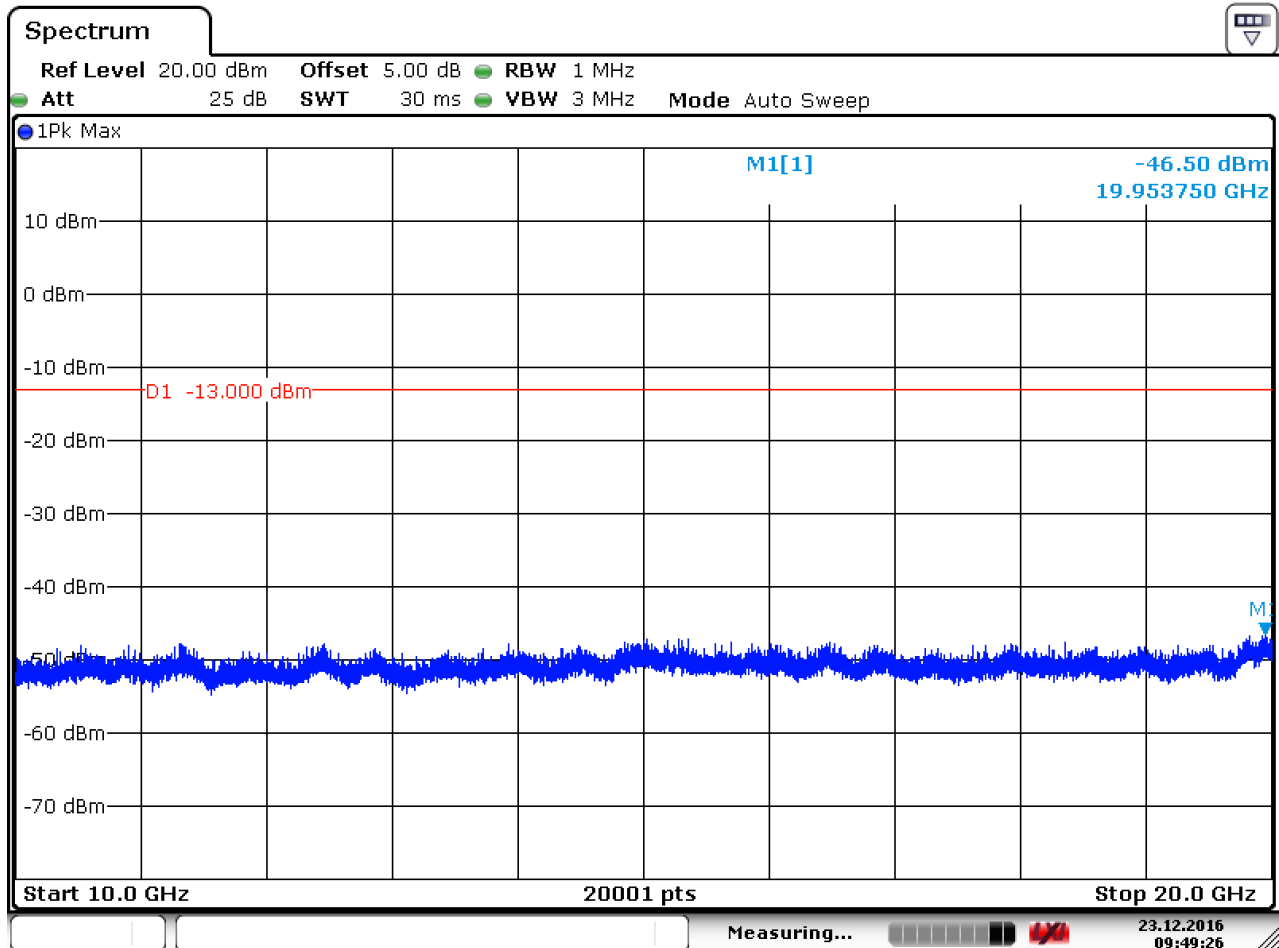
Date: 23.DEC.2016 09:49:26

6.1.1.3   Test Mode = LTE / TM1 5MHz RB1#0

6.1.1.3.1   Test Channel = LCH
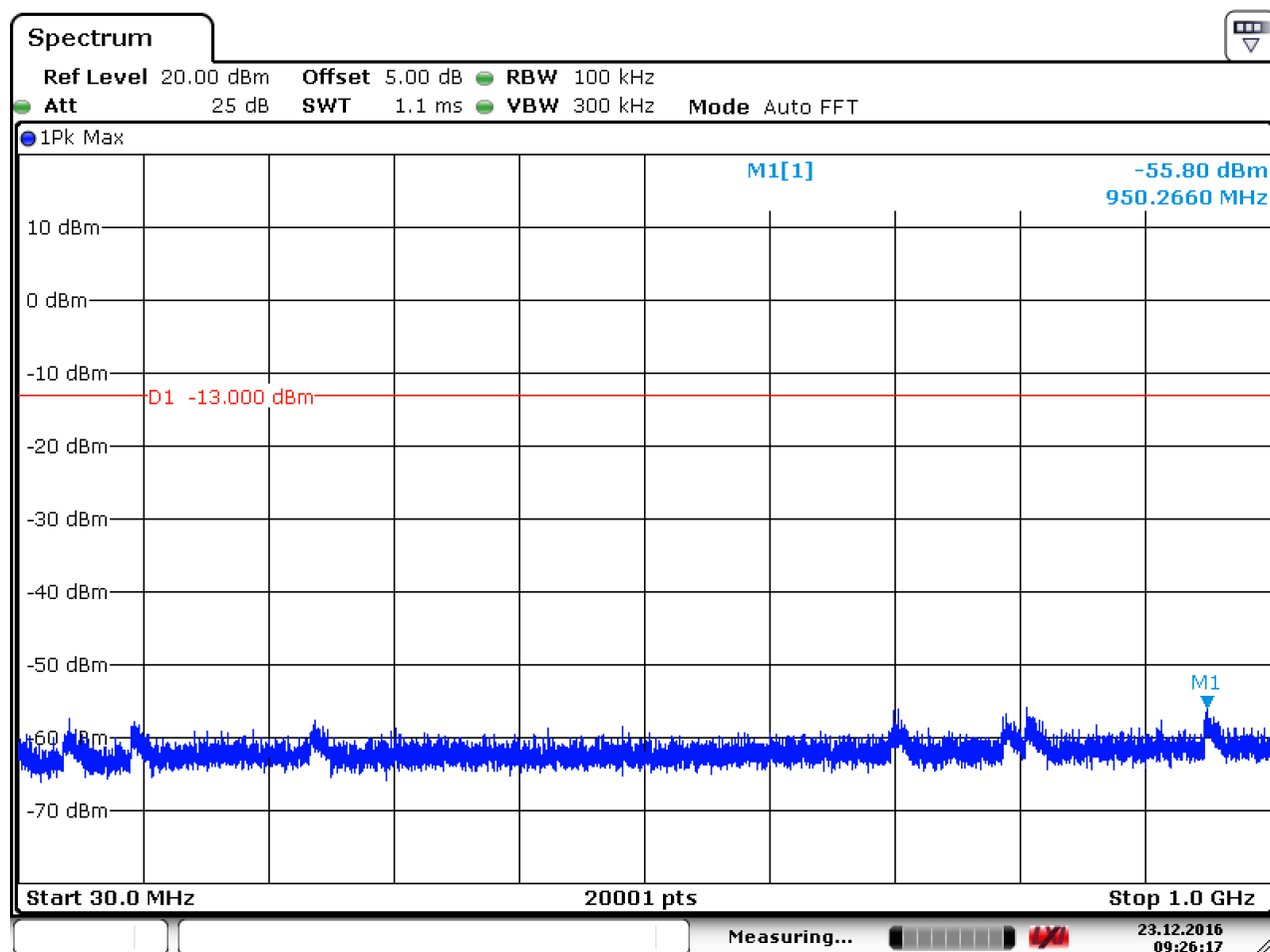
Date: 23.DEC.2016 09:26:16

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Spectrum

Ref Level	20.00 dBm	**Offset**	5.00 dB	● RBW	1 MHz	
● Att	25 dB	**SWT**	27 ms	● VBW	3 MHz	**Mode** Auto Sweep

● 1Pk Max

M1[1]   -38.86 dBm
                          3.700990 GHz

10 dBm—

0 dBm—

-10 dBm—

D1 -13.000 dBm

-20 dBm—

-30 dBm—

M1

-40 dBm—

-50 dBm—

-60 dBm—

-70 dBm—

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016
                                09:39:25

Date: 23.DEC.2016 09:39:25

Spectrum

Ref Level 20.00 dBm	Offset 5.00 dB	● RBW 1 MHz	
● Att 25 dB	SWT 30 ms	● VBW 3 MHz	Mode Auto Sweep

●1Pk Max

M1[1]   -46.37 dBm
                          19.807760 GHz

10 dBm—

0 dBm—

-10 dBm—

D1 -13.000 dBm

-20 dBm—

-30 dBm—

-40 dBm—

                                                                          M1

-50 dBm—

-60 dBm—

-70 dBm—

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016
                      09:50:49
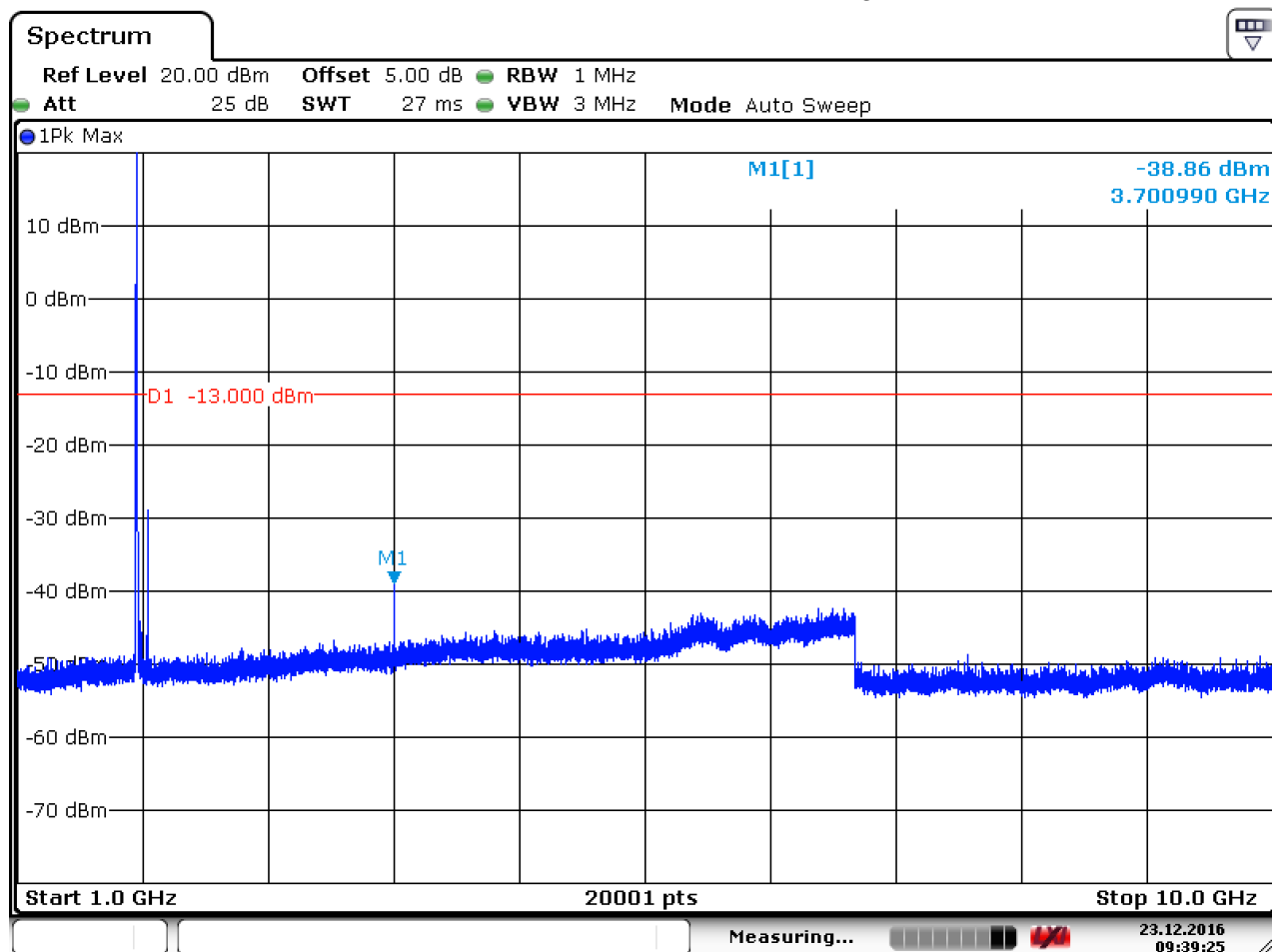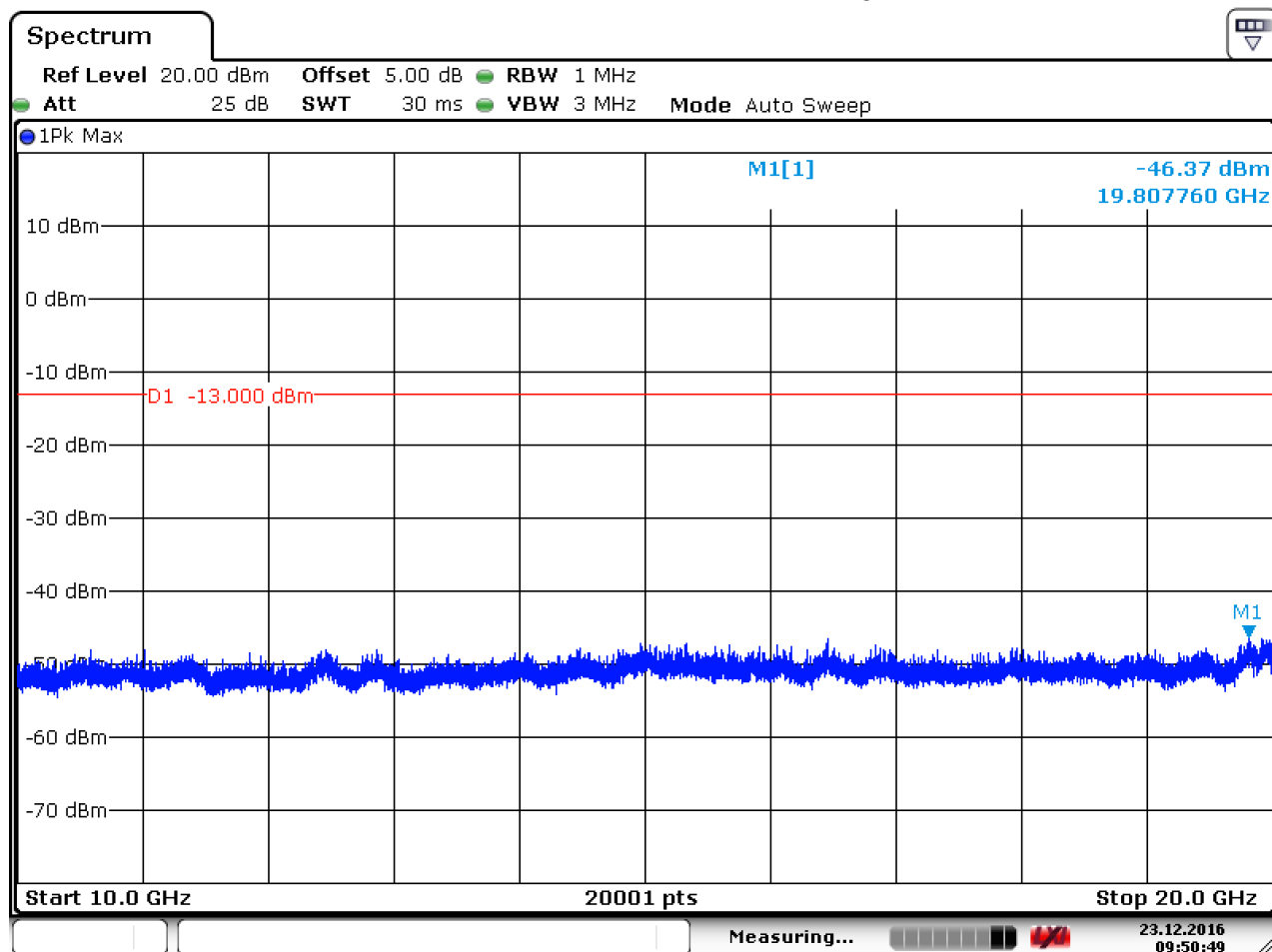
Date: 23.DEC.2016 09:50:49

6.1.1.3.2   Test Channel = MCH

Spectrum

Ref Level 20.00 dBm	Offset 5.00 dB ● RBW 100 kHz
● Att 25 dB	SWT 1.1 ms ● VBW 300 kHz Mode Auto FFT

● 1Pk Max

M1[1]   -56.05 dBm
                                950.0720 MHz

10 dBm

0 dBm

-10 dBm

D1 -13.000 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

                                                        M1
-60 dBm

-70 dBm

Start 30.0 MHz   20001 pts   Stop 1.0 GHz

Measuring...   23.12.2016
                                09:25:54

Date: 23.DEC.2016 09:25:55

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Spectrum

Ref Level 20.00 dBm	Offset 5.00 dB	● RBW 1 MHz		
● Att 25 dB	SWT 27 ms	● VBW 3 MHz	Mode Auto Sweep	

● 1Pk Max

M1[1]   -36.38 dBm
                          3.755440 GHz

10 dBm

0 dBm

-10 dBm
D1 -13.000 dBm

-20 dBm

-30 dBm

M1
-40 dBm

-50 dBm

-60 dBm

-70 dBm

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016
                                09:38:44

Date: 23.DEC.2016 09:38:44

Spectrum

Ref Level 20.00 dBm	Offset 5.00 dB	● RBW 1 MHz	
● Att 25 dB	SWT 30 ms	● VBW 3 MHz	Mode Auto Sweep

● 1Pk Max

M1[1]   -46.31 dBm
                               19.770260 GHz

10 dBm

0 dBm

-10 dBm

D1 -13.000 dBm

-20 dBm

-30 dBm

-40 dBm

M1

-50 dBm

-60 dBm

-70 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016
                                09:51:11

Date: 23.DEC.2016 09:51:11

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6.1.1.3.3   Test Channel = HCH

Date: 23.DEC.2016 09:25:33

Date: 23.DEC.2016 09:40:00

Spectrum							
Ref Level 20.00 dBm		Offset 5.00 dB		● RBW 1 MHz			
● Att 25 dB		SWT 30 ms		● VBW 3 MHz		Mode Auto Sweep	

● 1Pk Max

M1[1]   -46.29 dBm
                                        19.828760 GHz

D1 -13.000 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016 09:51:31

Date: 23.DEC.2016 09:51:31
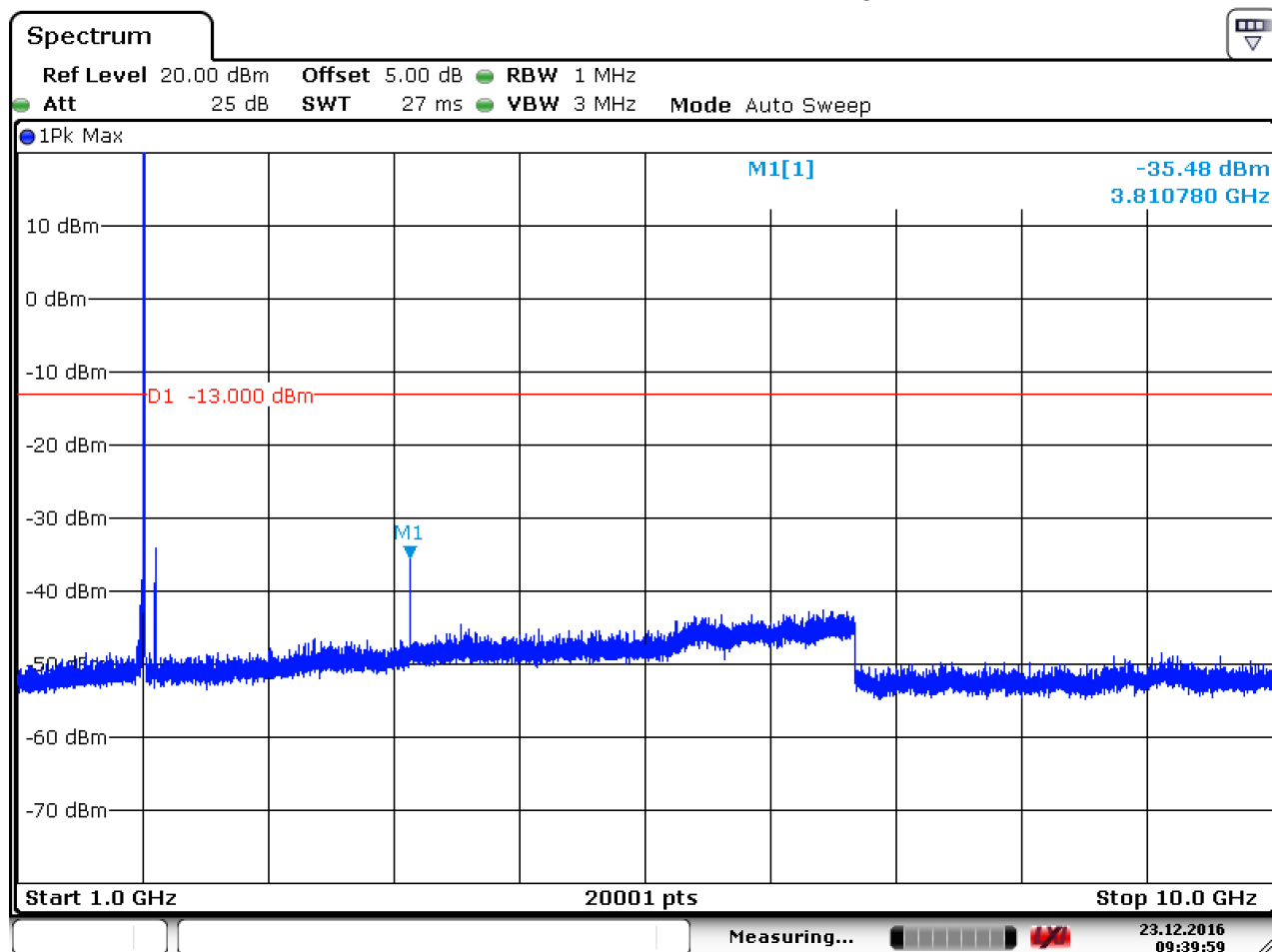
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
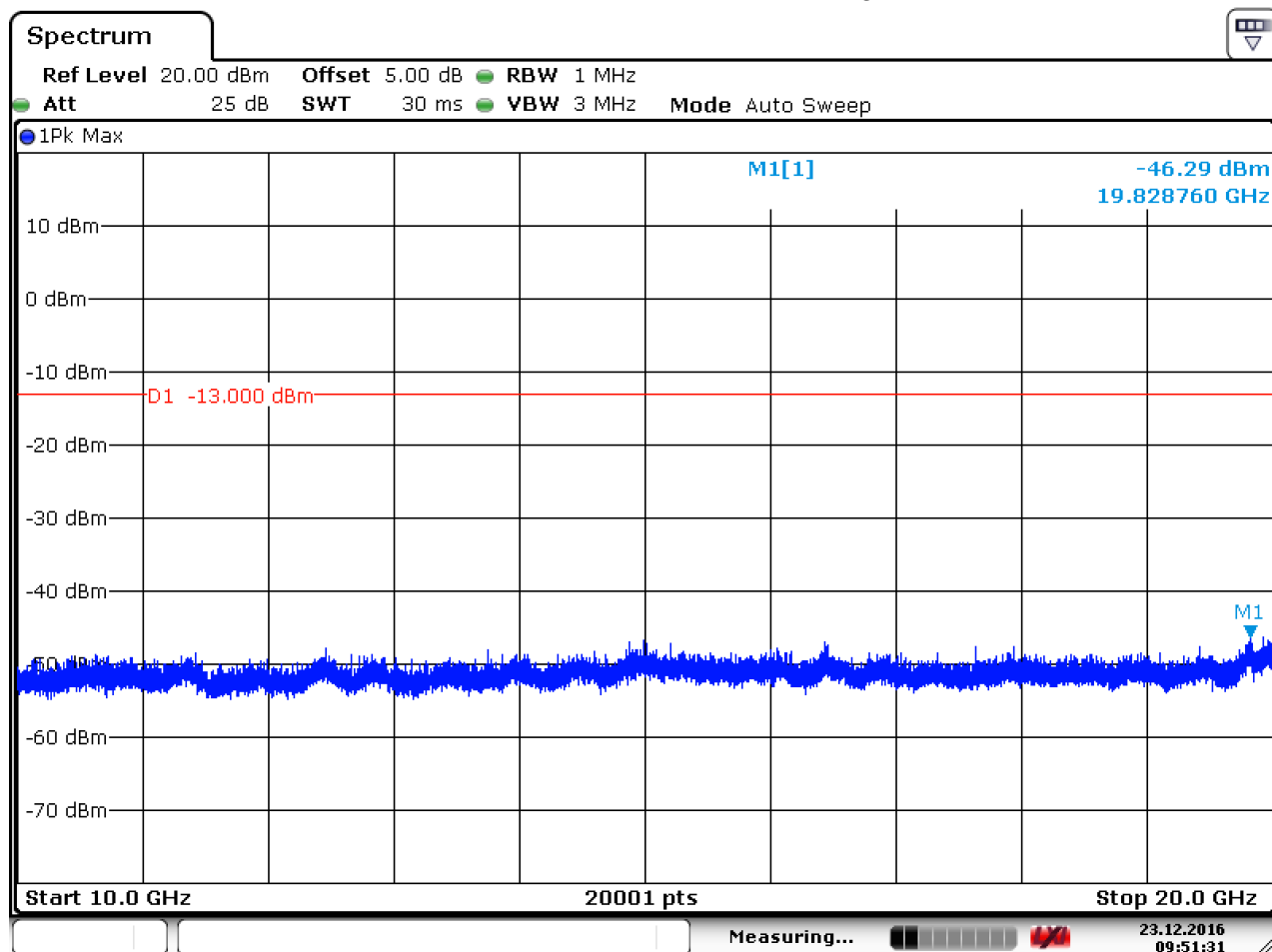
6.1.1.4   Test Mode = LTE / TM1 10MHz RB1#0

6.1.1.4.1   Test Channel = LCH
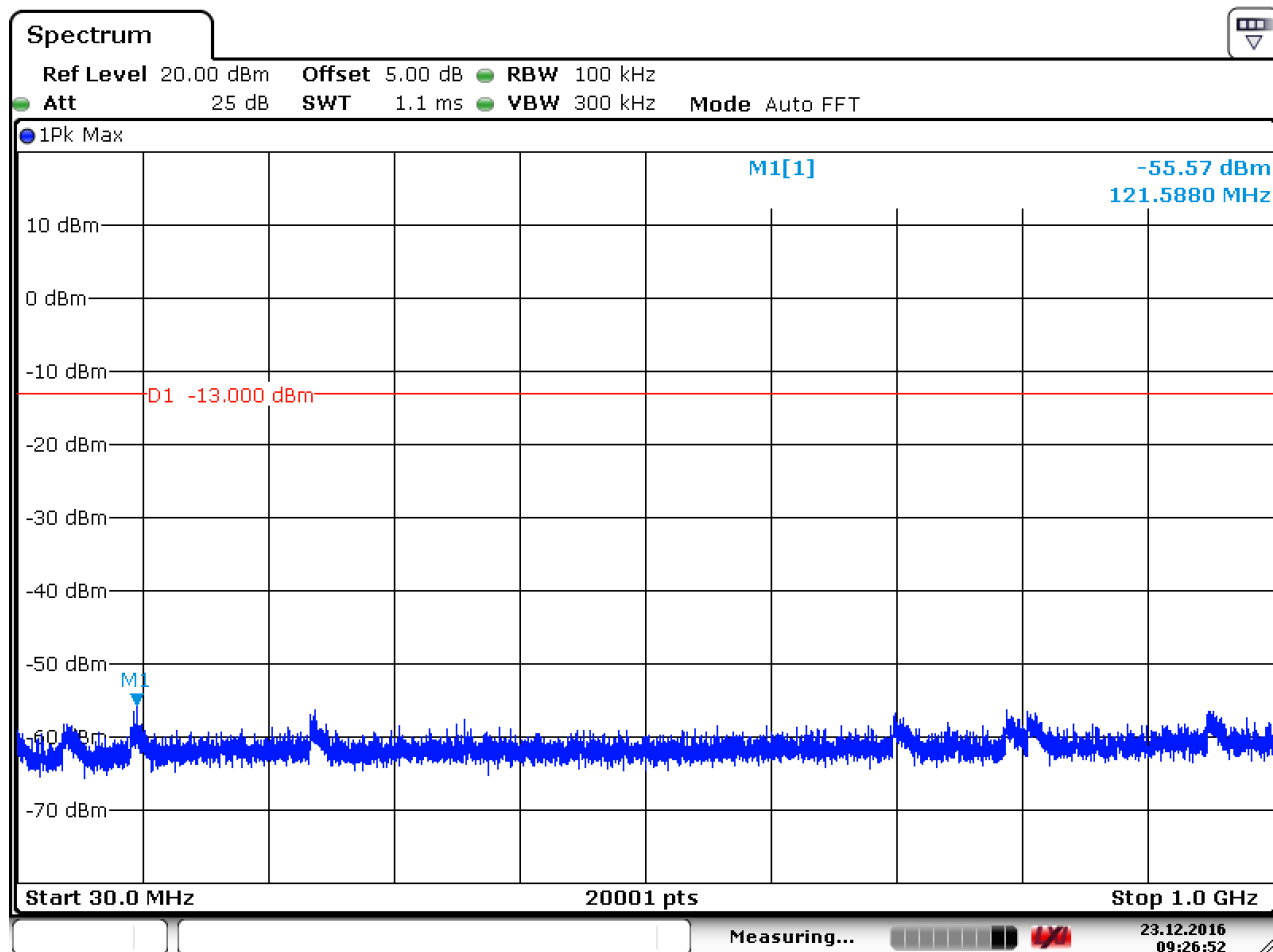
Date: 23.DEC.2016 09:26:53

Date: 23.DEC.2016 09:37:17

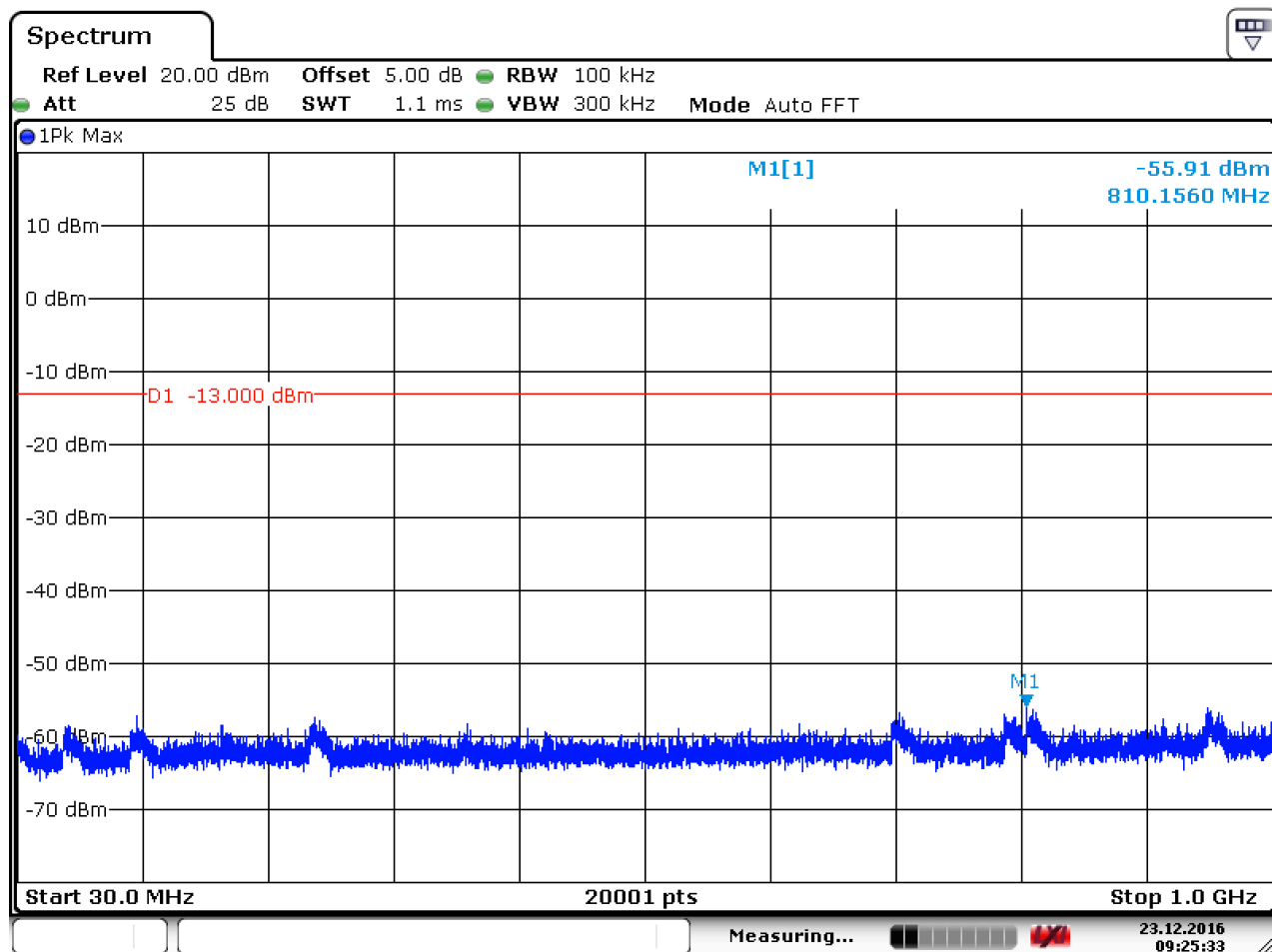# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Spectrum					
Ref Level 20.00 dBm	**Offset** 5.00 dB	● **RBW** 1 MHz			
● **Att** 25 dB	**SWT** 30 ms	● **VBW** 3 MHz	**Mode** Auto Sweep		

● 1Pk Max

M1[1]   -46.14 dBm
                         19.956250 GHz

10 dBm

0 dBm

-10 dBm

D1 -13.000 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016
                        09:52:55

Date: 23.DEC.2016 09:52:55
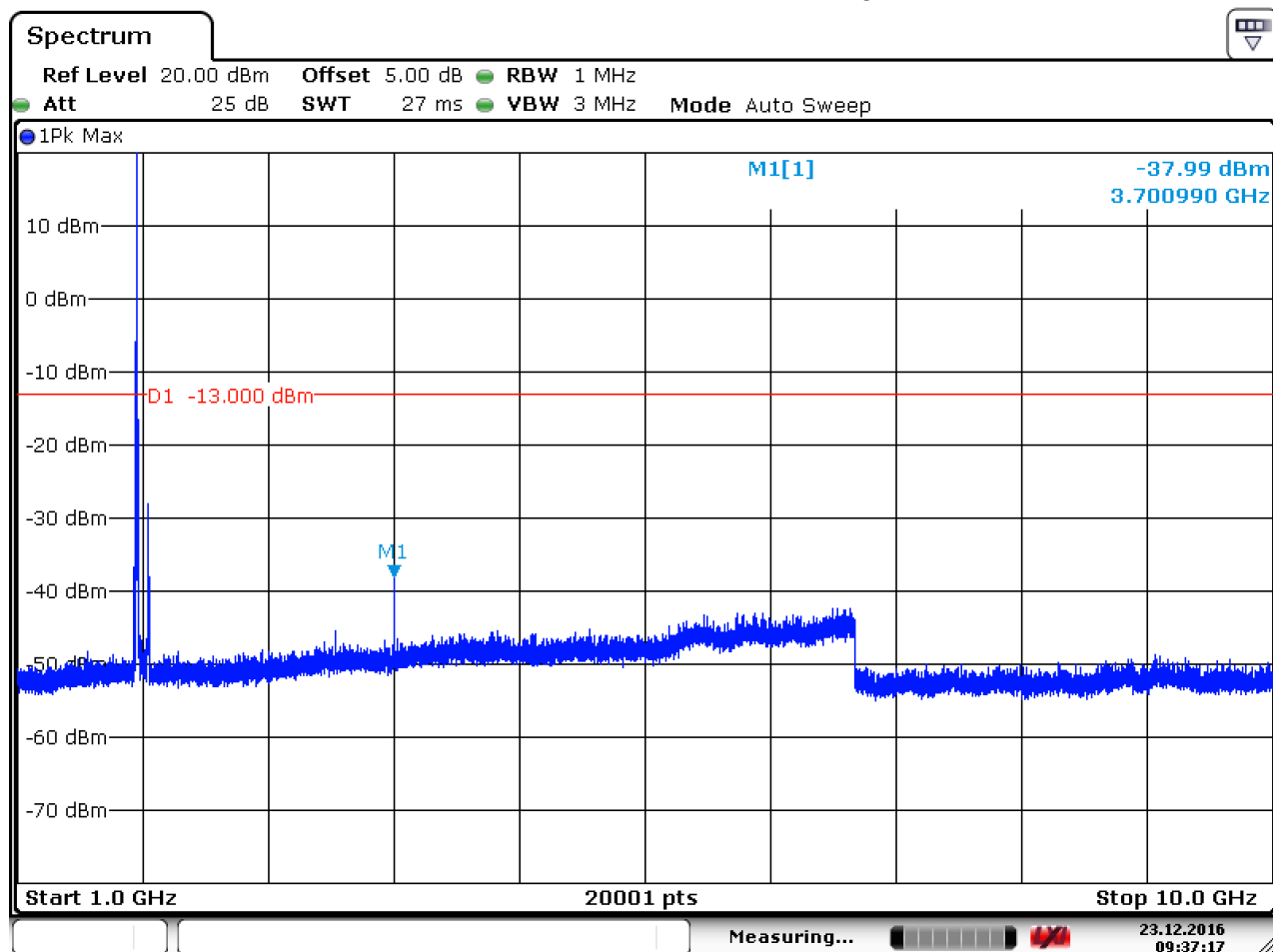
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
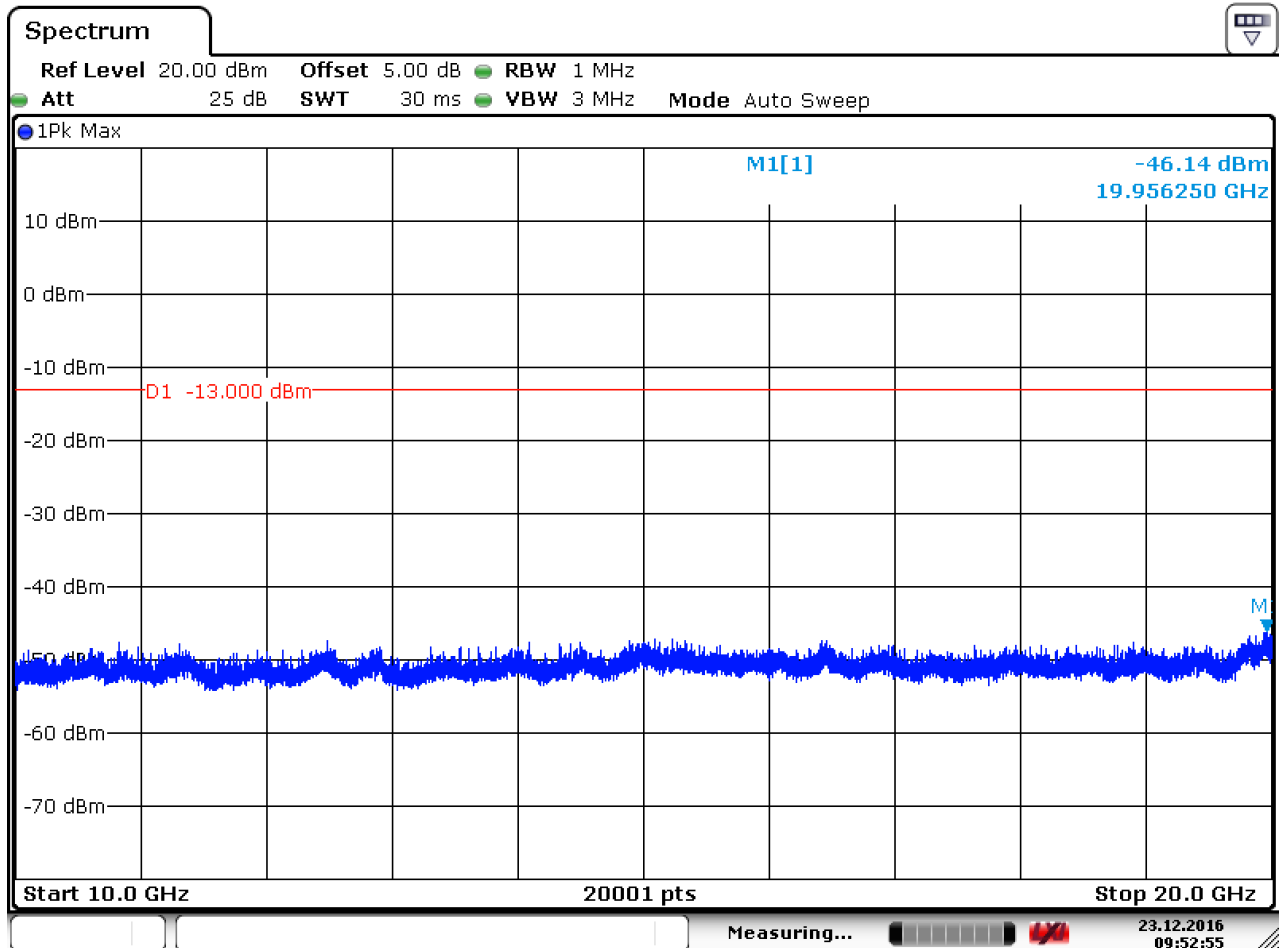
6.1.1.4.2   Test Channel = MCH

Date: 23.DEC.2016 09:27:31

Spectrum

| Ref Level | 20.00 dBm | Offset | 5.00 dB | RBW | 1 MHz |
| Att | 25 dB | SWT | 27 ms | VBW | 3 MHz |

Mode Auto Sweep

1Pk Max

M1[1]   -35.06 dBm
             3.751390 GHz

10 dBm
0 dBm
-10 dBm
D1 -13.000 dBm
-20 dBm
-30 dBm
M1
-40 dBm
-50 dBm
-60 dBm
-70 dBm

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016
                      09:36:29
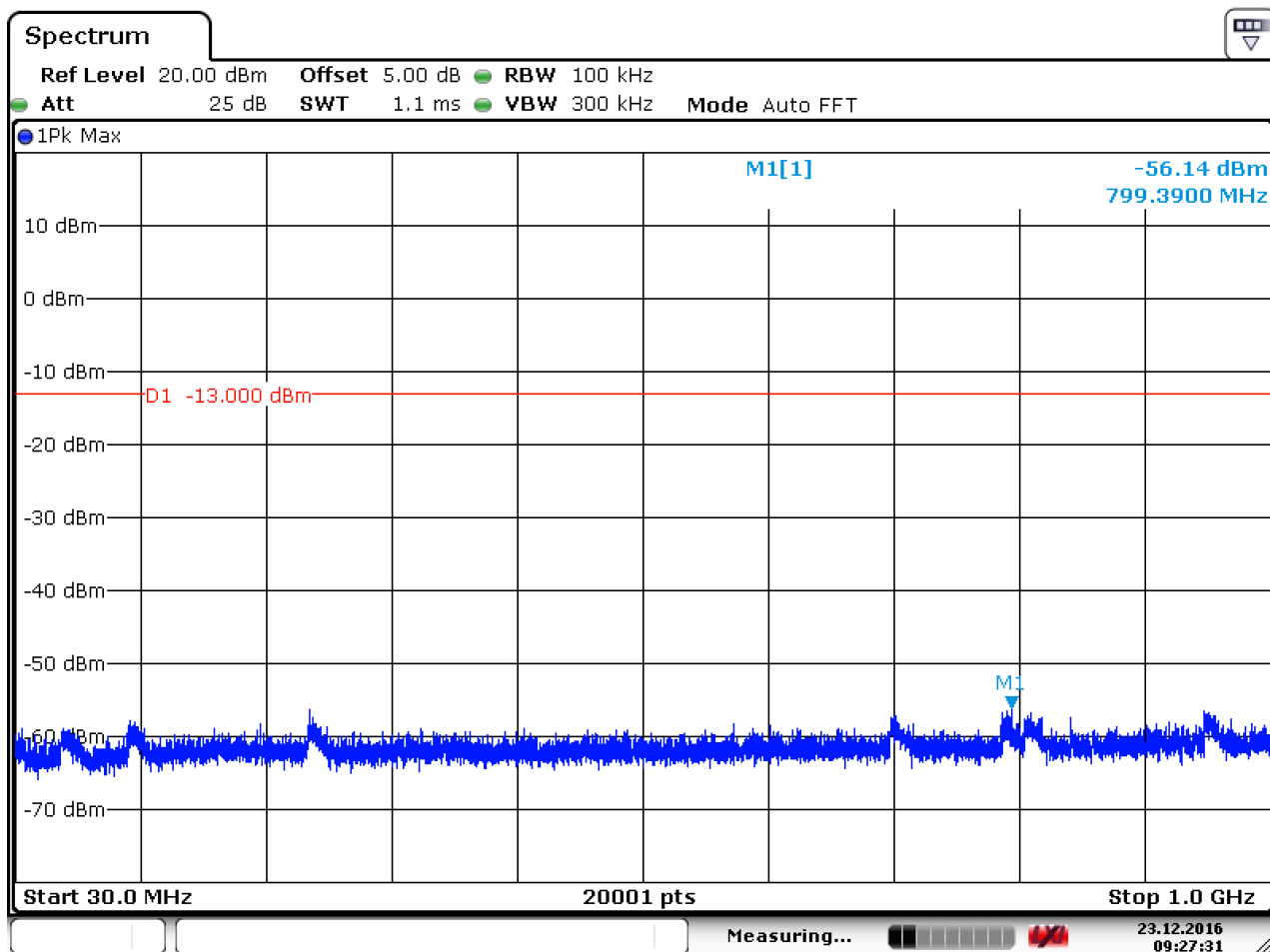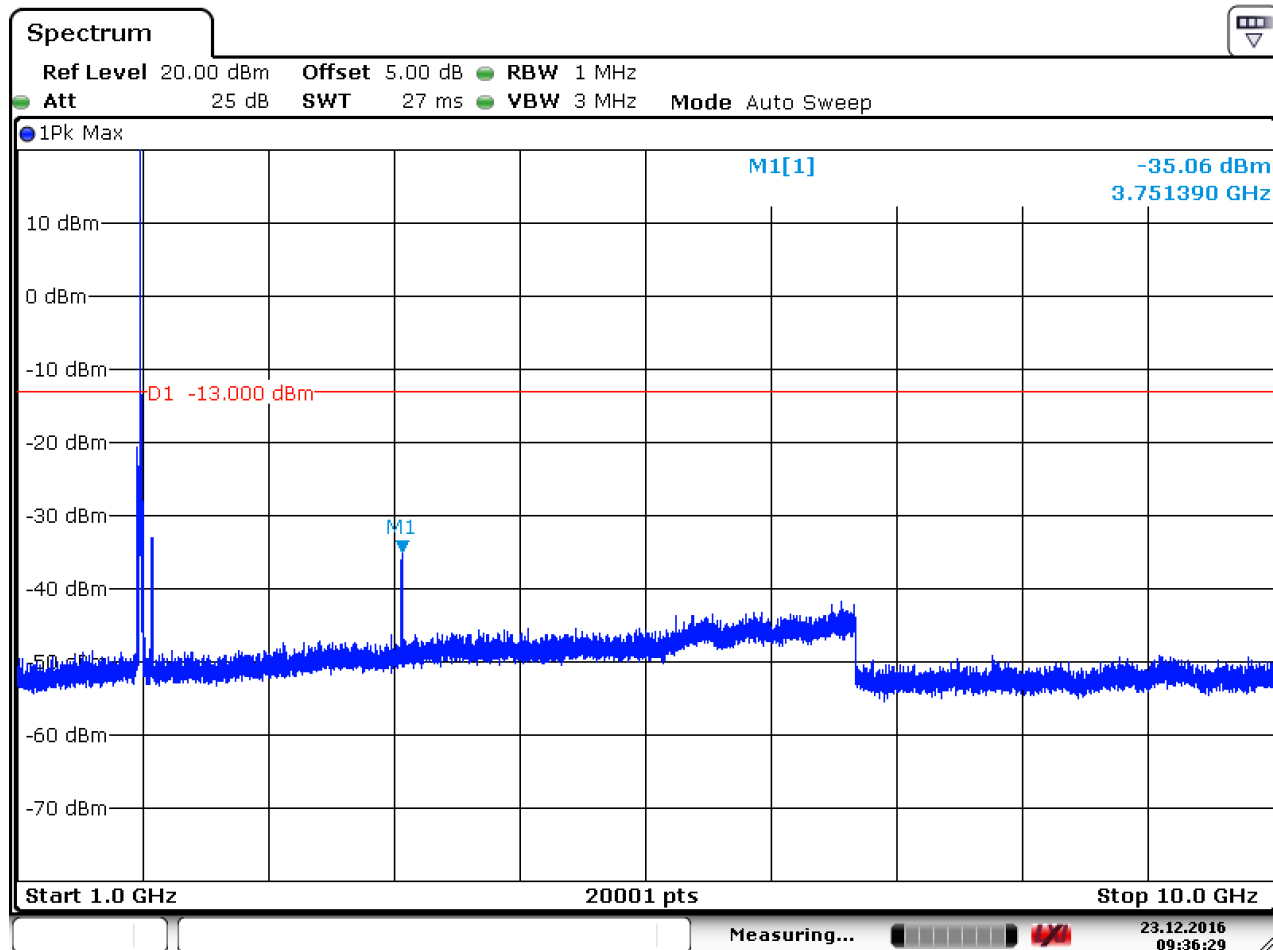
Date: 23.DEC.2016 09:36:30

Date: 23.DEC.2016 09:52:25

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
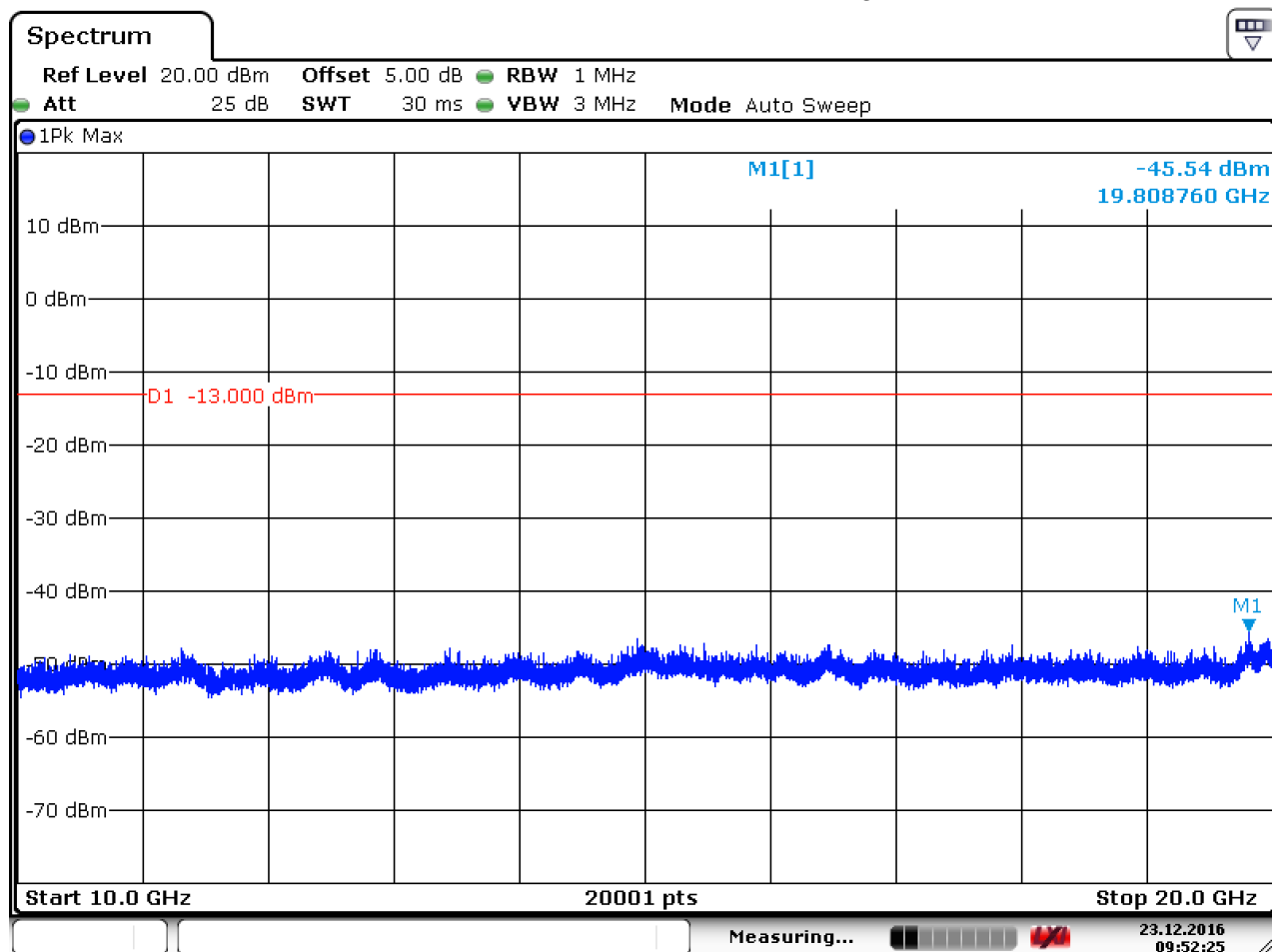
6.1.1.4.3   Test Channel = HCH
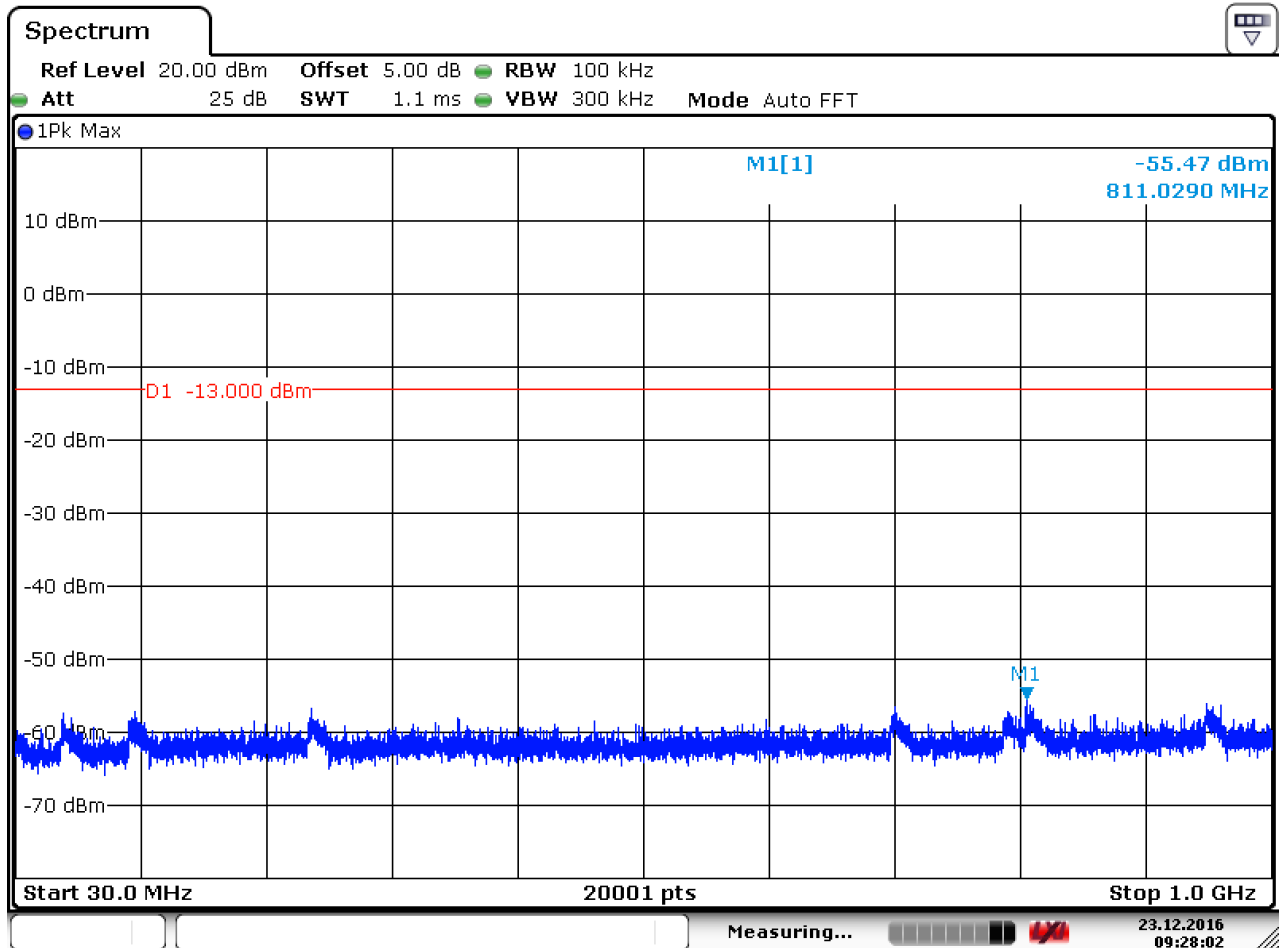
Date: 23.DEC.2016 09:28:02

Date: 23.DEC.2016 09:37:50

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Date: 23.DEC.2016 09:51:57

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
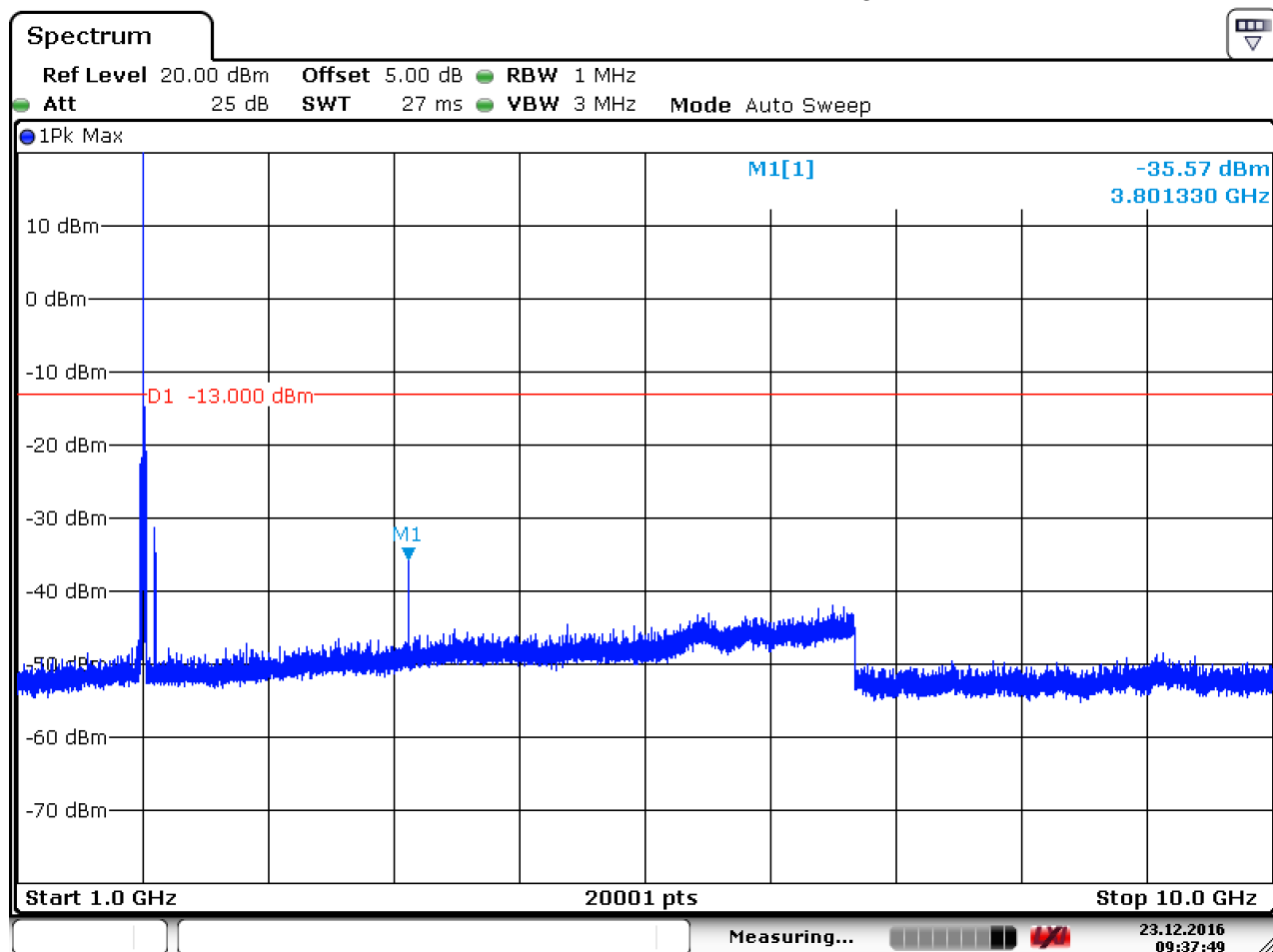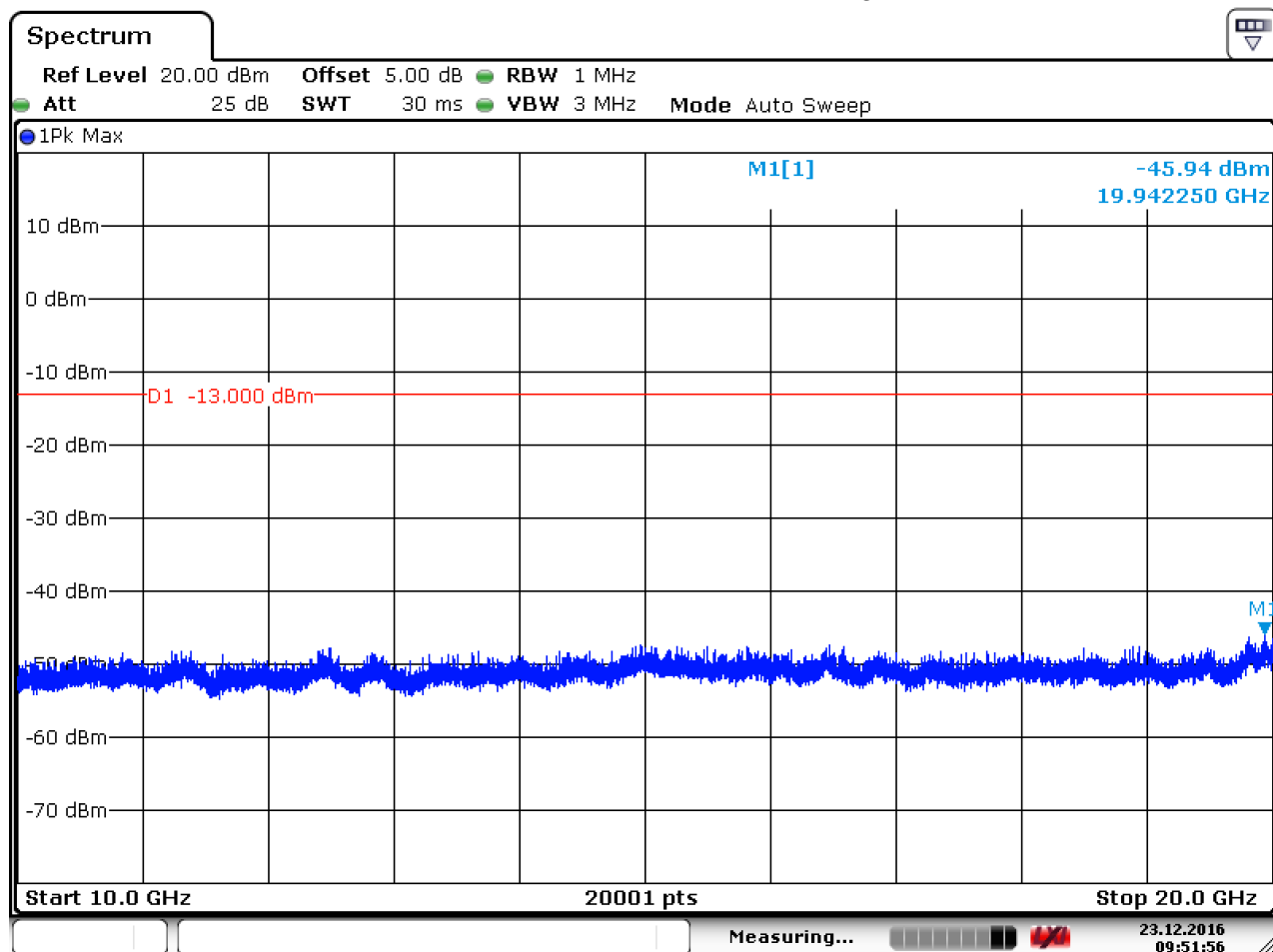
6.1.1.5   Test Mode = LTE / TM1 15MHz RB1#0

6.1.1.5.1   Test Channel = LCH

Date: 23.DEC.2016 09:29:16

Spectrum

Ref Level 20.00 dBm	Offset 5.00 dB	● RBW 1 MHz			
● Att 25 dB	SWT 27 ms	● VBW 3 MHz	Mode Auto Sweep		

● 1Pk Max

M1[1]   -38.66 dBm
                          3.701890 GHz

10 dBm

0 dBm

-10 dBm

D1 -13.000 dBm

-20 dBm

-30 dBm

M1

-40 dBm

-50 dBm

-60 dBm

-70 dBm

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016
                                09:35:05
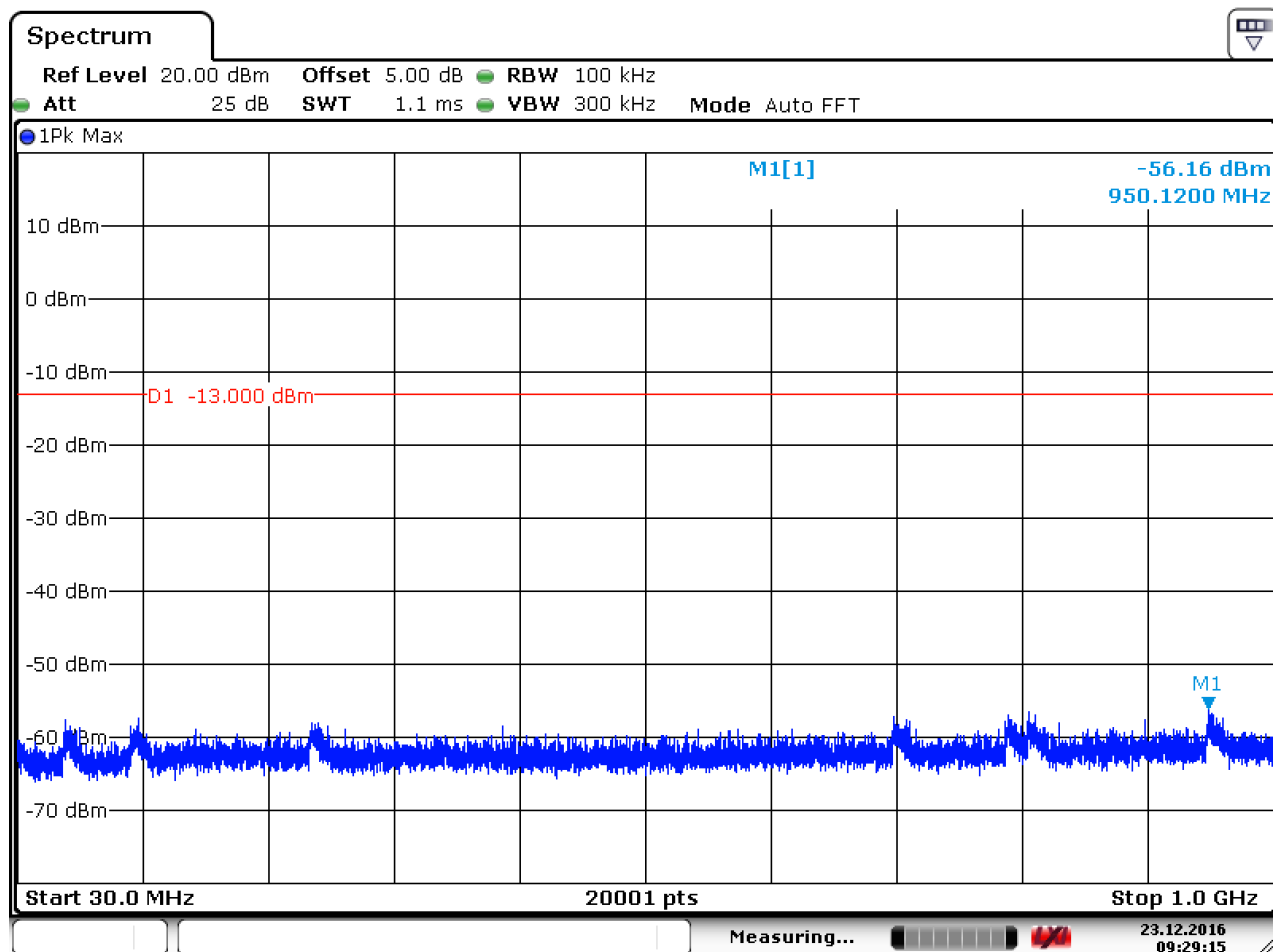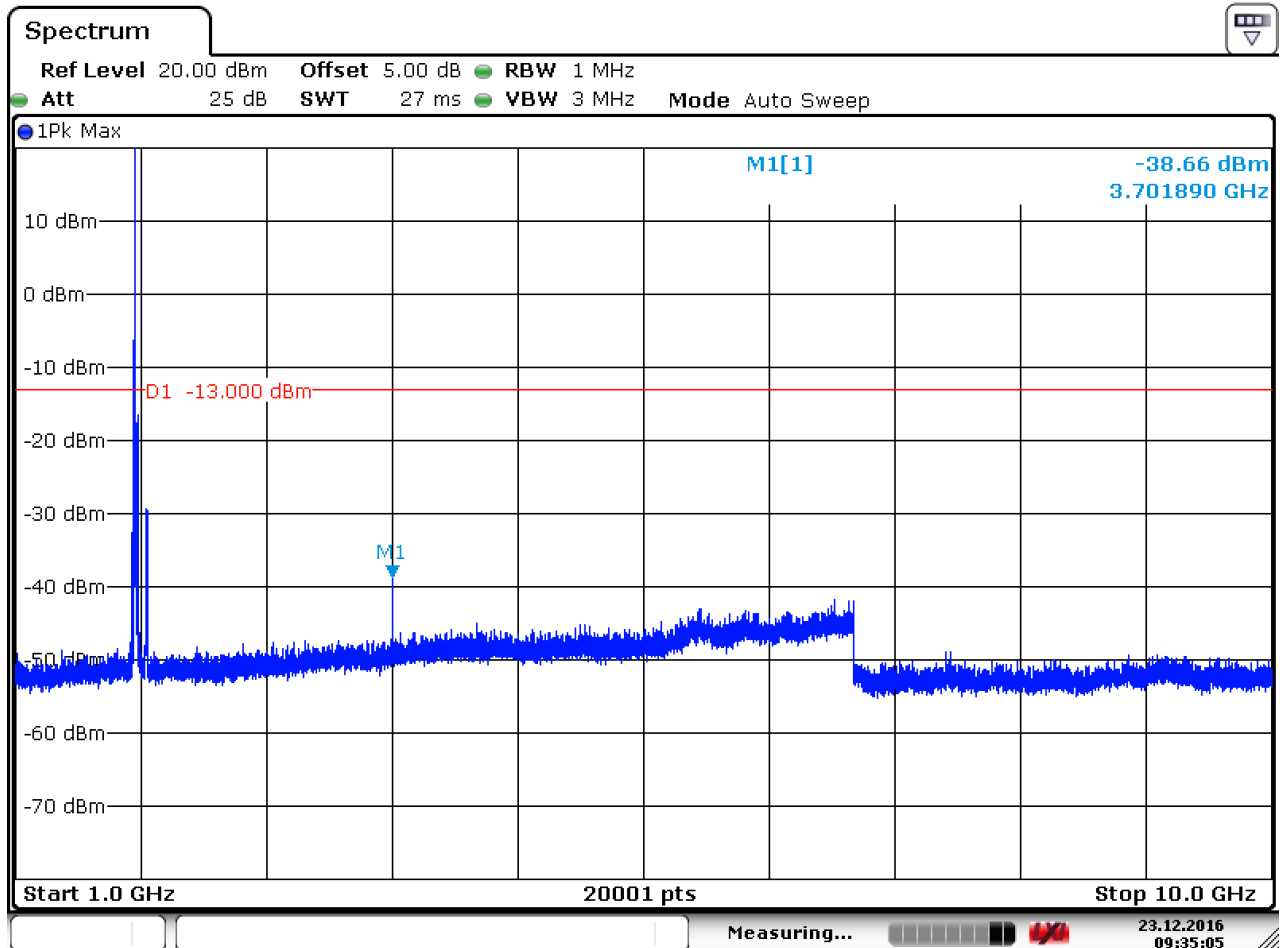
Date: 23.DEC.2016 09:35:05

Spectrum					
Ref Level 20.00 dBm		Offset 5.00 dB	RBW 1 MHz		
Att	25 dB	SWT 30 ms	VBW 3 MHz	Mode Auto Sweep	

1Pk Max

M1[1]   -46.54 dBm
16.446930 GHz

10 dBm

0 dBm

-10 dBm

D1 -13.000 dBm

-20 dBm

-30 dBm

-40 dBm

M1

-50 dBm

-60 dBm

-70 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016 09:53:20

Date: 23.DEC.2016 09:53:20

6.1.1.5.2   Test Channel = MCH
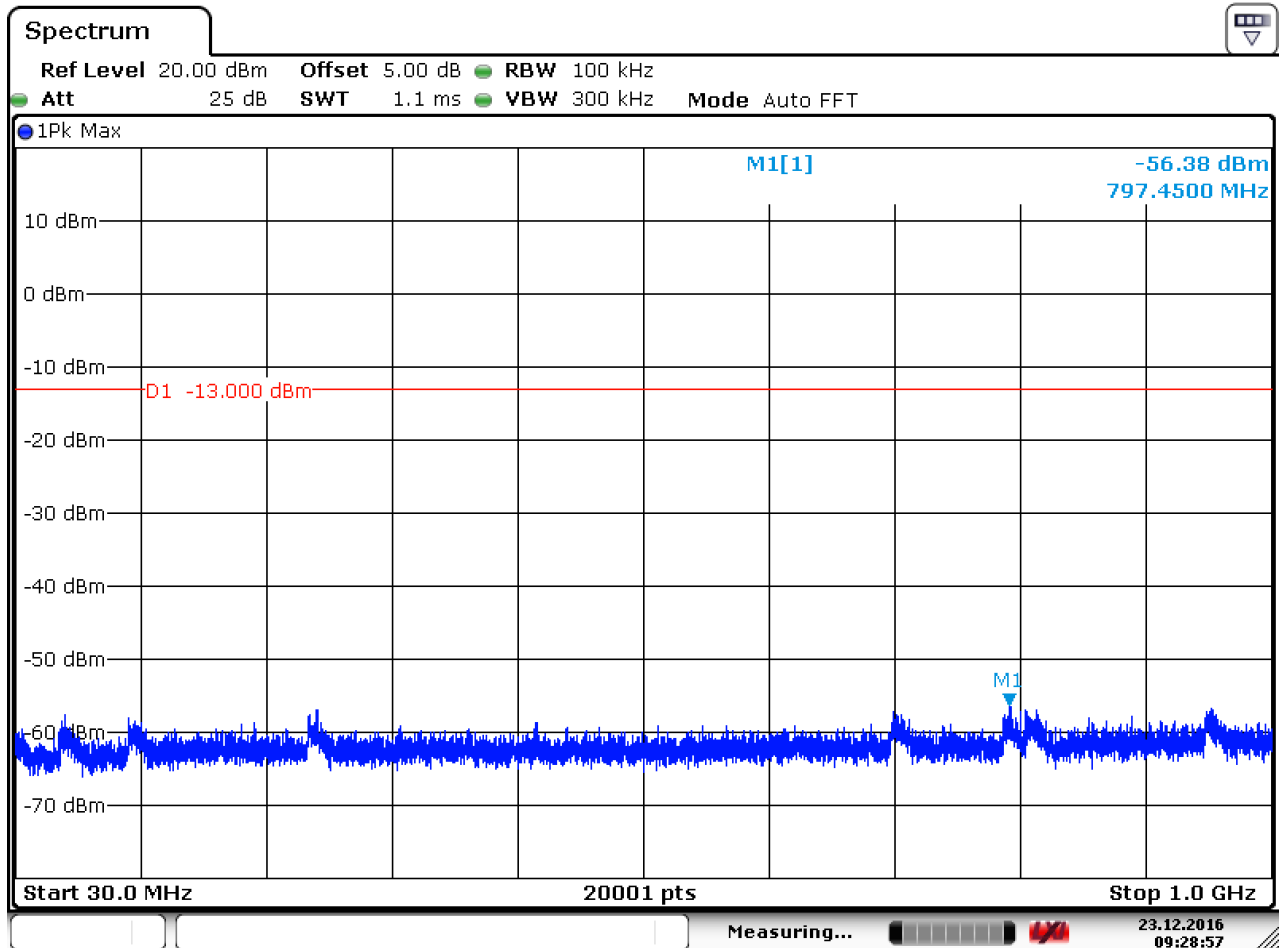
Date: 23.DEC.2016 09:28:57
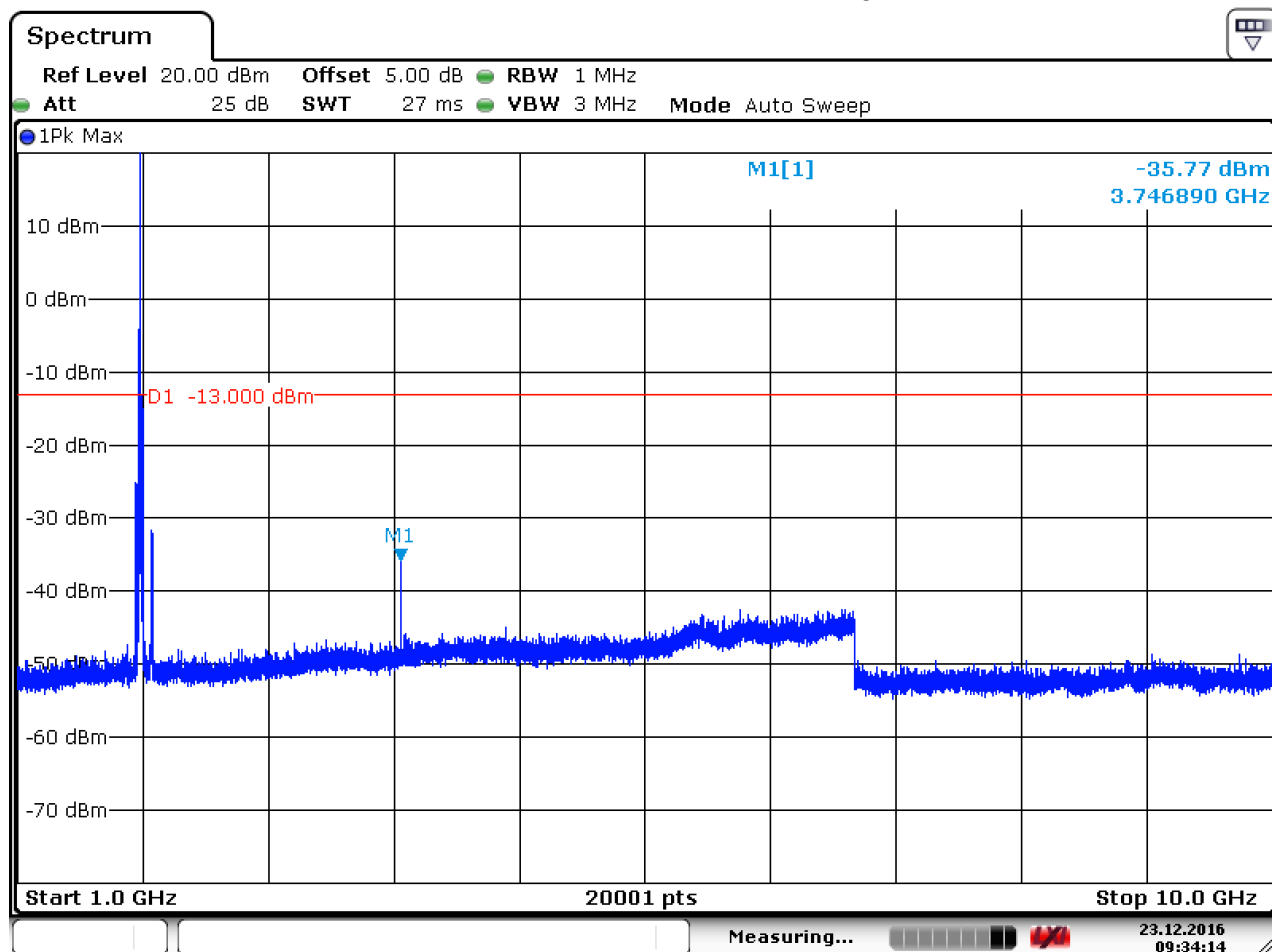
Spectrum

| Ref Level | 20.00 dBm | Offset | 5.00 dB | ● | RBW | 1 MHz |
| Att | 25 dB | SWT | 27 ms | ● | VBW | 3 MHz | Mode Auto Sweep |

●1Pk Max

M1[1]   -35.77 dBm
3.746890 GHz

D1 -13.000 dBm

M1

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016 09:34:14

Date: 23.DEC.2016 09:34:15

Spectrum

Ref Level 20.00 dBm	Offset 5.00 dB	● RBW 1 MHz	
● Att 25 dB	SWT 30 ms	● VBW 3 MHz	Mode Auto Sweep

1Pk Max

M1[1]   -46.76 dBm
19.929250 GHz

D1 -13.000 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016 09:53:50

Date: 23.DEC.2016 09:53:51

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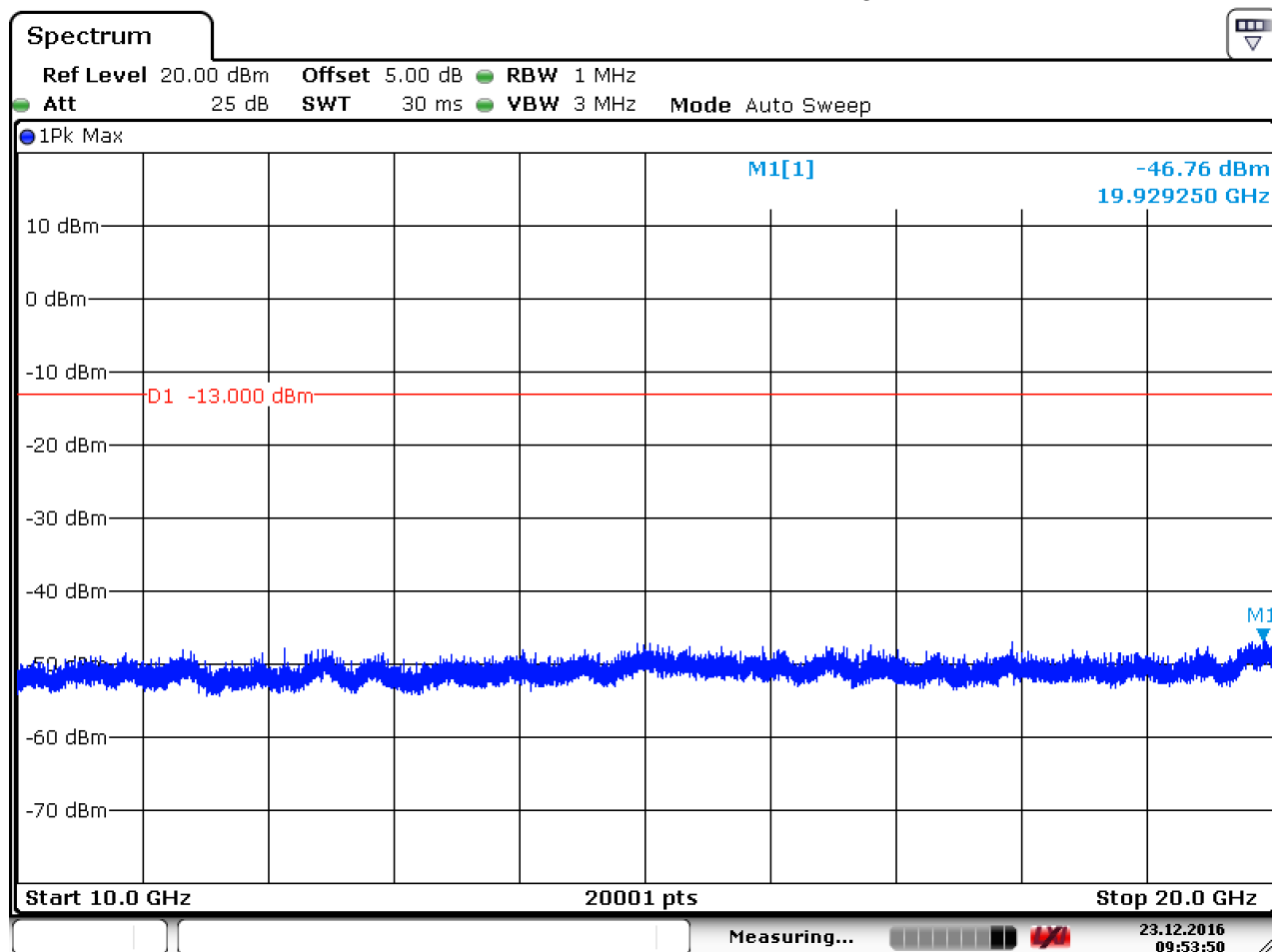
6.1.1.5.3   Test Channel = HCH
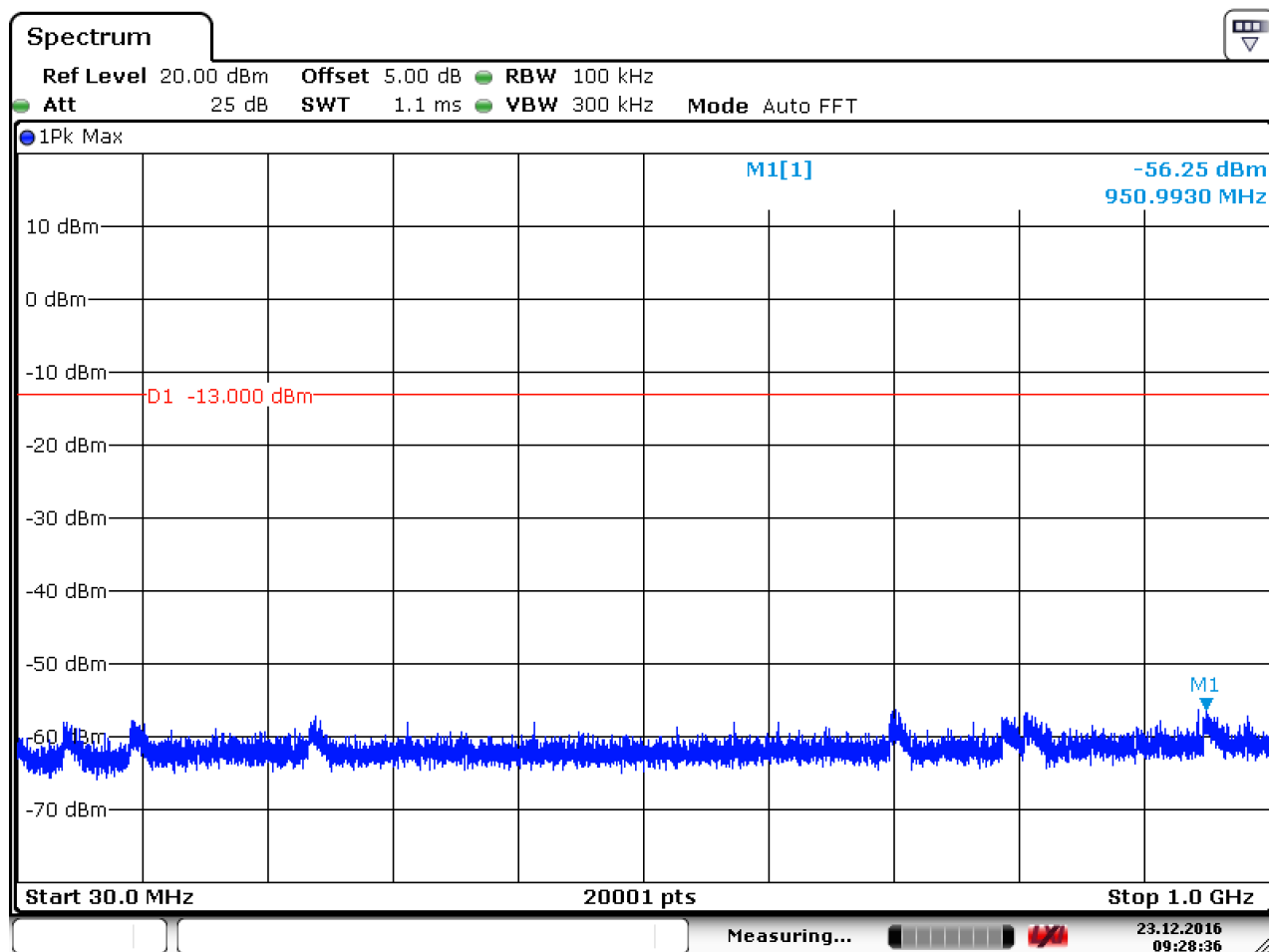
Date: 23.DEC.2016 09:28:37
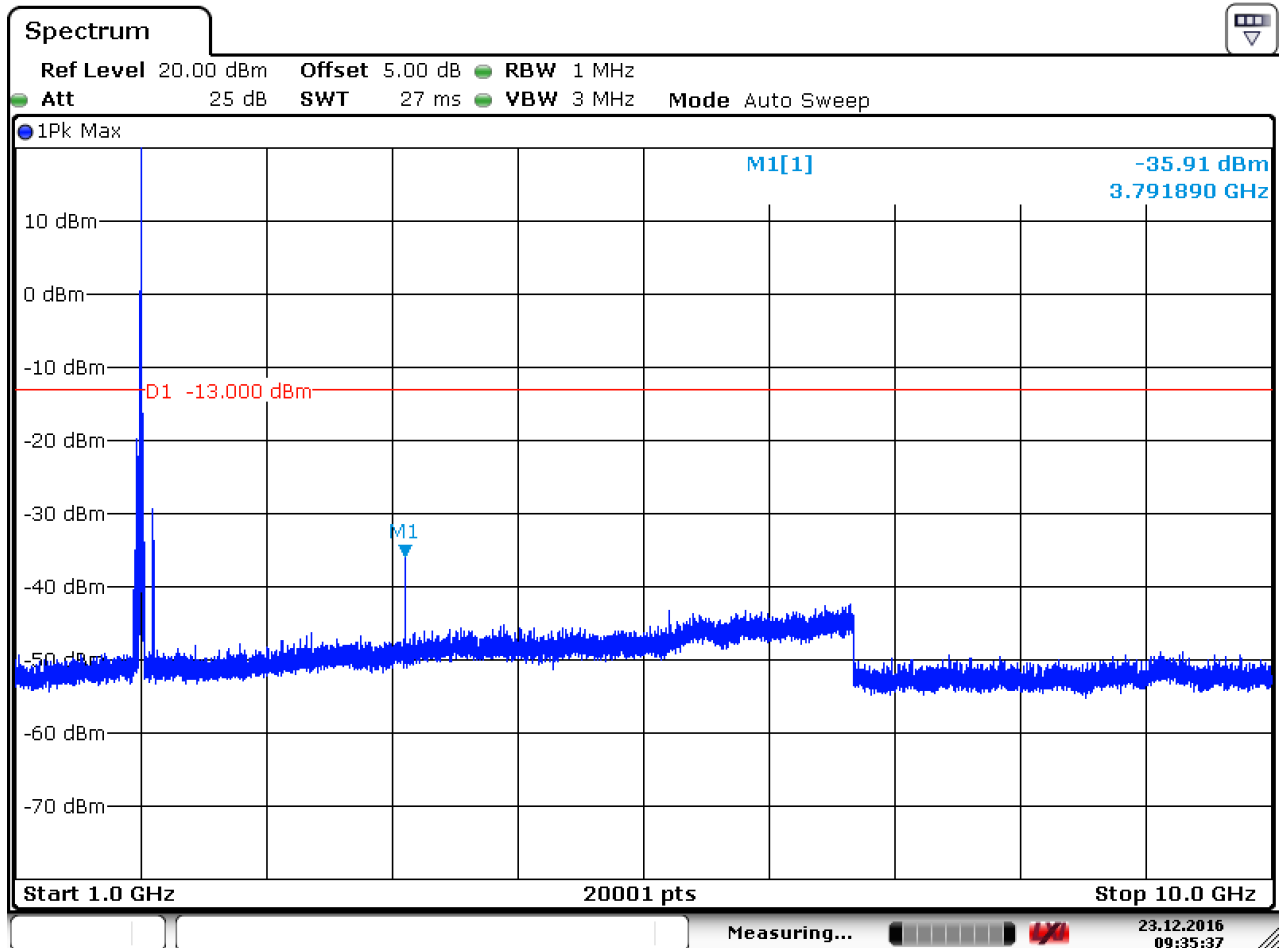
Date: 23.DEC.2016 09:35:37

Spectrum

Ref Level 20.00 dBm	Offset 5.00 dB	RBW 1 MHz	
Att 25 dB	SWT 30 ms	VBW 3 MHz	Mode Auto Sweep

1Pk Max

M1[1]   -46.12 dBm
                         19.881760 GHz

10 dBm

0 dBm

-10 dBm

D1 -13.000 dBm

-20 dBm

-30 dBm

-40 dBm

M1

-60 dBm

-70 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016
                        09:54:18
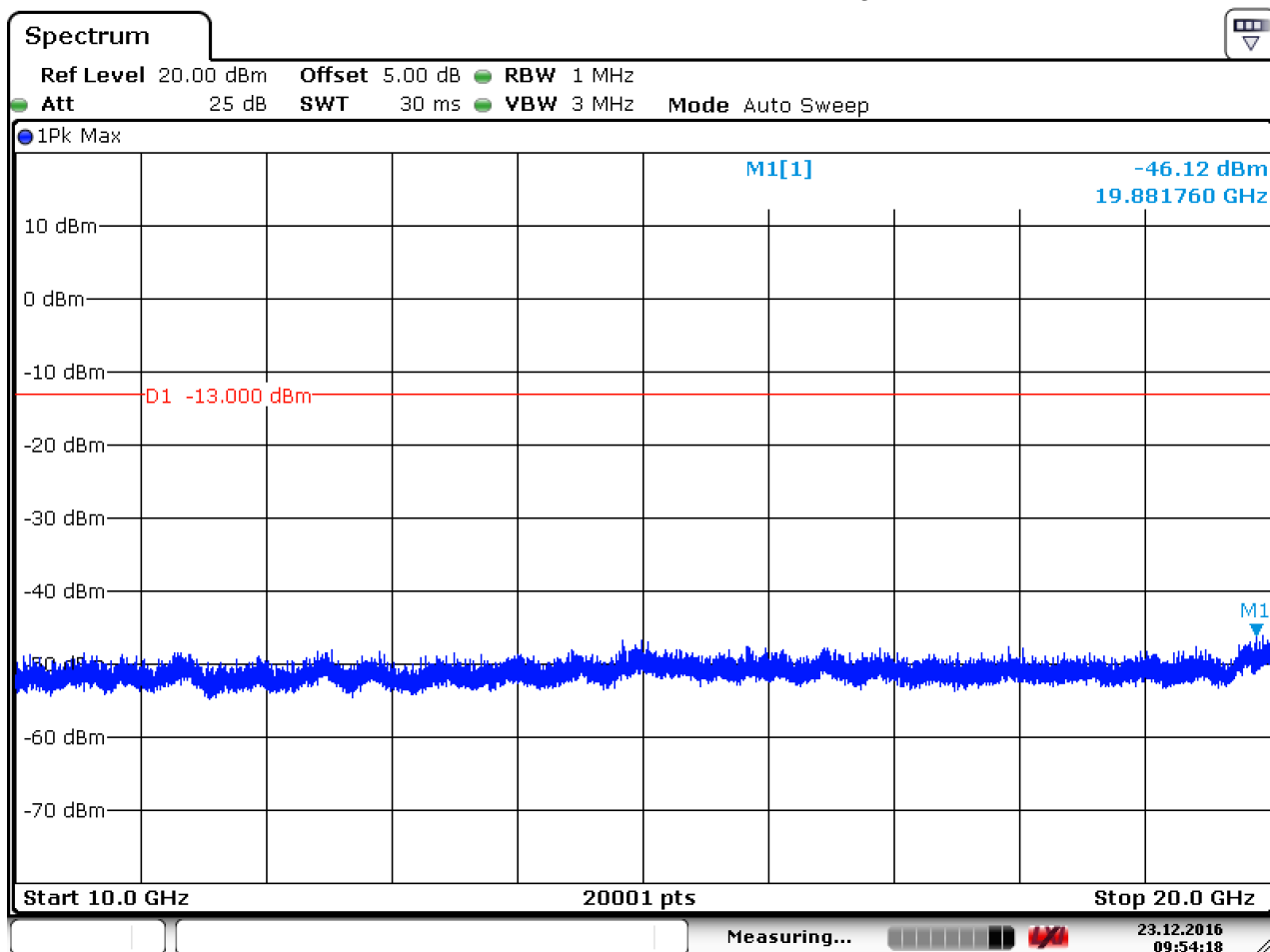
Date: 23.DEC.2016 09:54:18

6.1.1.6   Test Mode = LTE / TM1 20MHz RB1#0

6.1.1.6.1   Test Channel = LCH
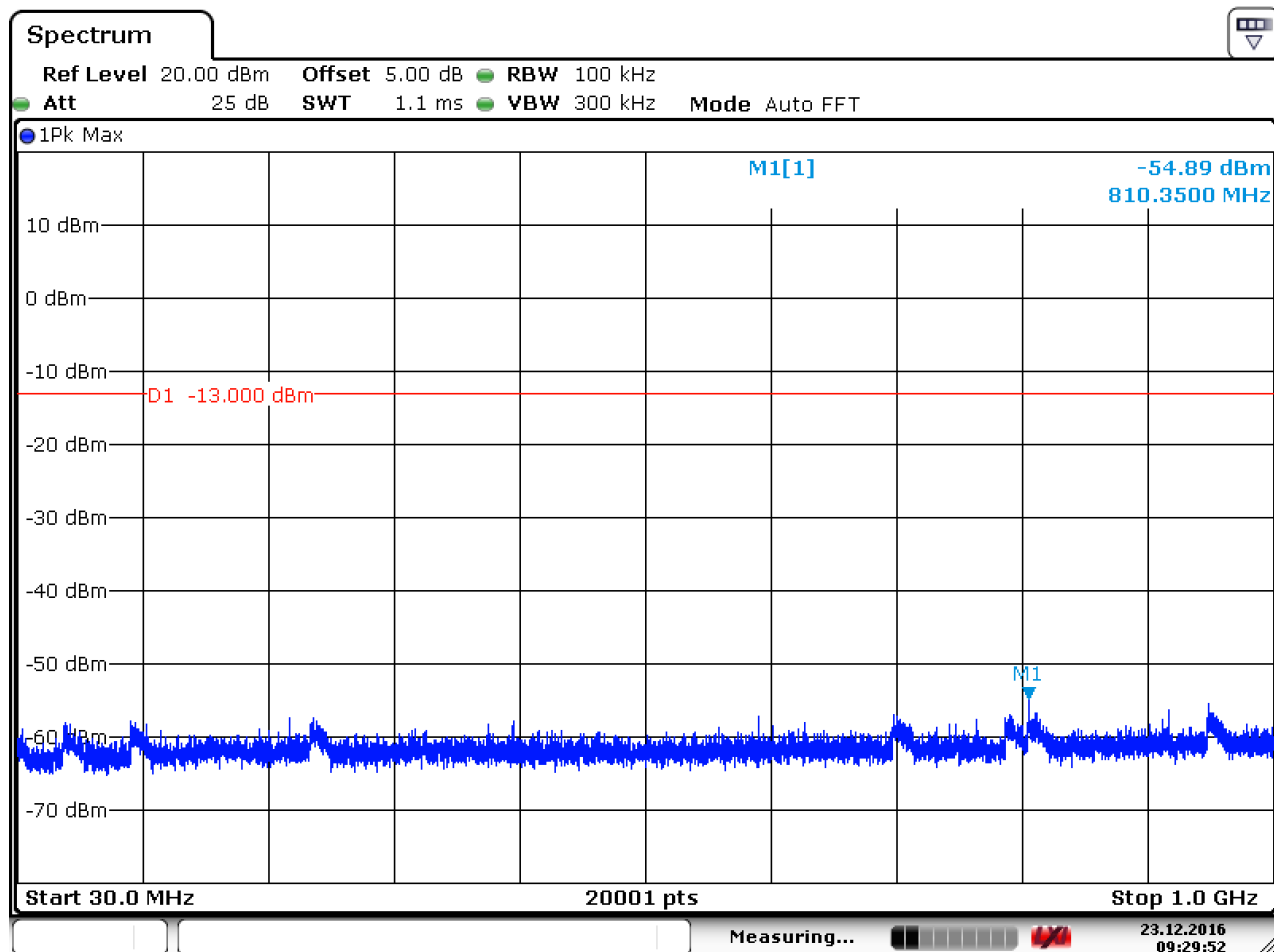
Date: 23.DEC.2016 09:29:51

Spectrum

| Ref Level 20.00 dBm | Offset 5.00 dB ● RBW 1 MHz |
| Att   25 dB | SWT   27 ms ● VBW 3 MHz   Mode Auto Sweep |

1Pk Max

M1[1]   -38.49 dBm
                          3.702340 GHz

D1 -13.000 dBm

M1

Start 1.0 GHz   20001 pts   Stop 10.0 GHz

Measuring...   23.12.2016
                      09:32:14

Date: 23.DEC.2016 09:32:15

Spectrum					
Ref Level 20.00 dBm		Offset 5.00 dB	RBW 1 MHz		
Att 25 dB		SWT 30 ms	VBW 3 MHz	Mode Auto Sweep	

1Pk Max

M1[1]   -46.01 dBm
          19.849760 GHz

D1 -13.000 dBm

Start 10.0 GHz   20001 pts   Stop 20.0 GHz

Measuring...   23.12.2016 09:58:13
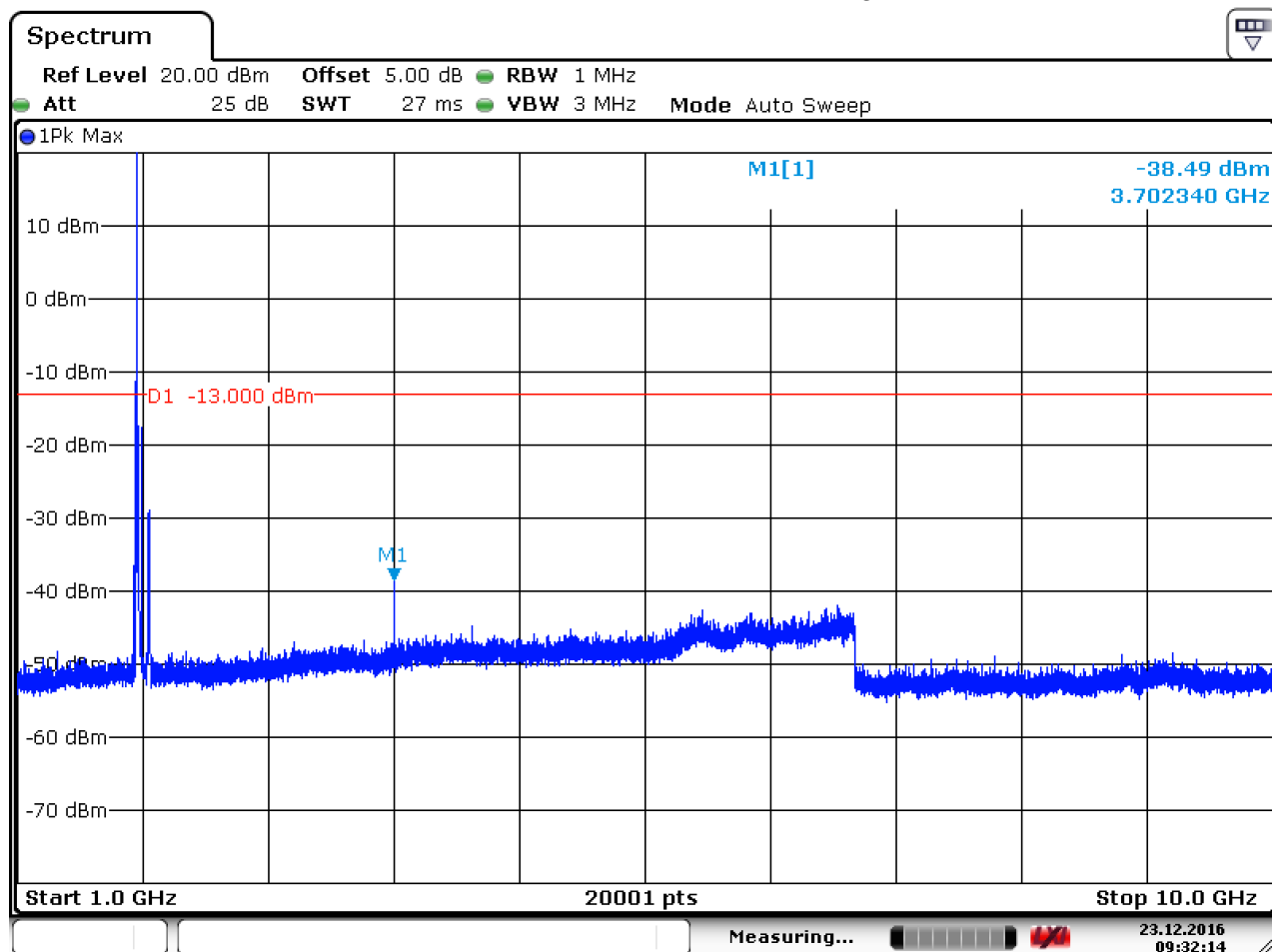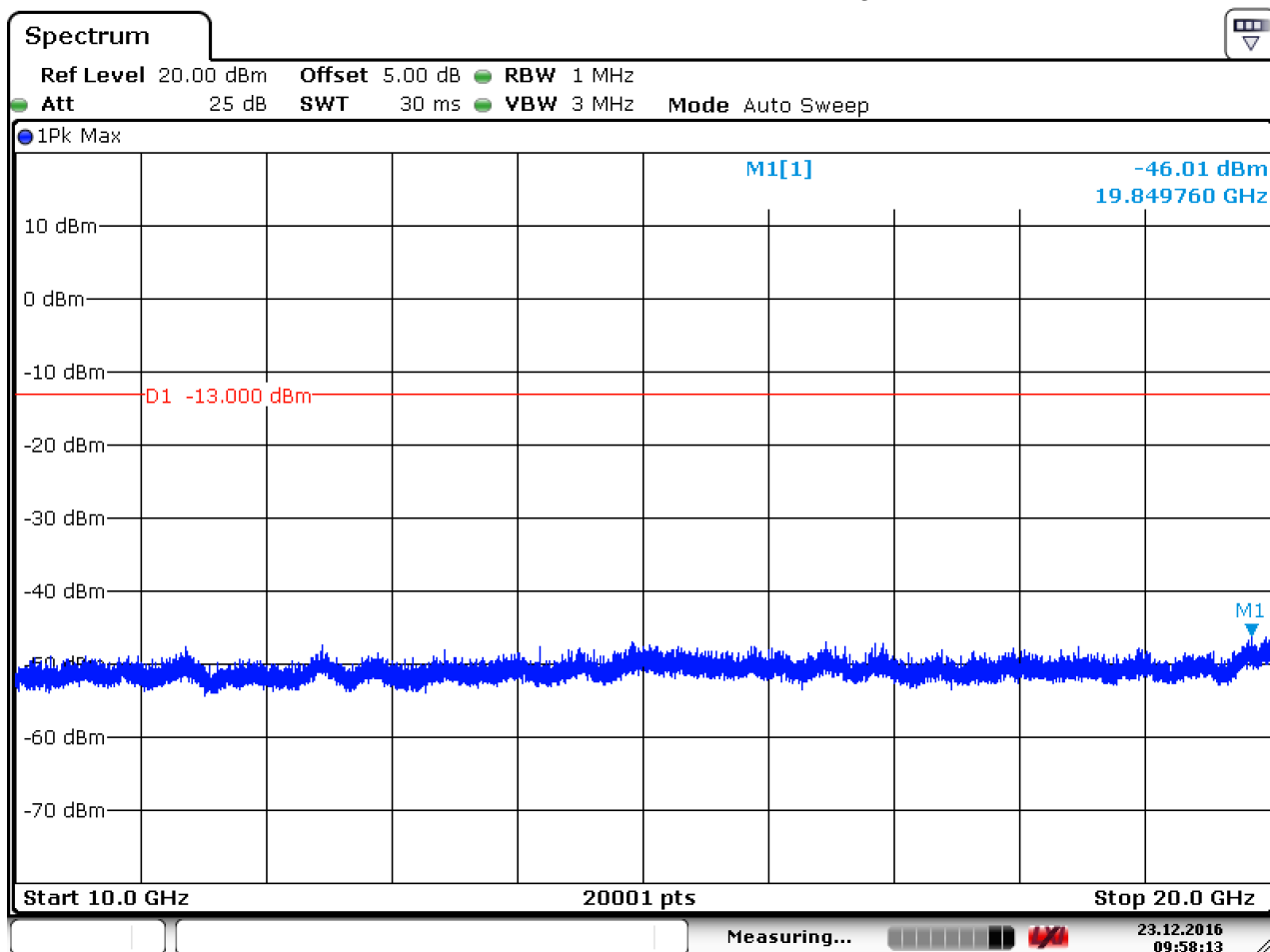
Date: 23.DEC.2016 09:58:13

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6.1.1.6.2   Test Channel = MCH
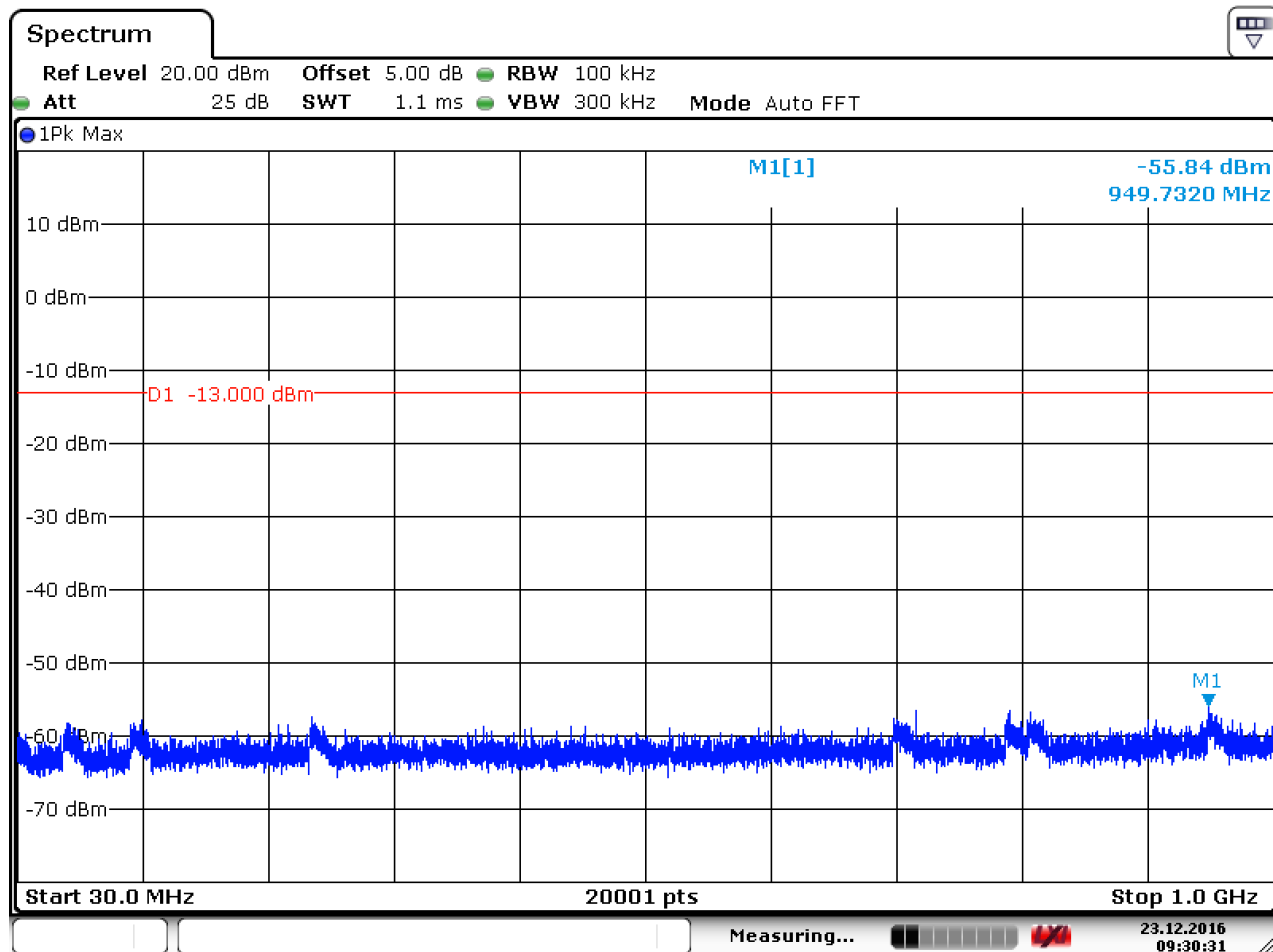
Date: 23.DEC.2016 09:30:31
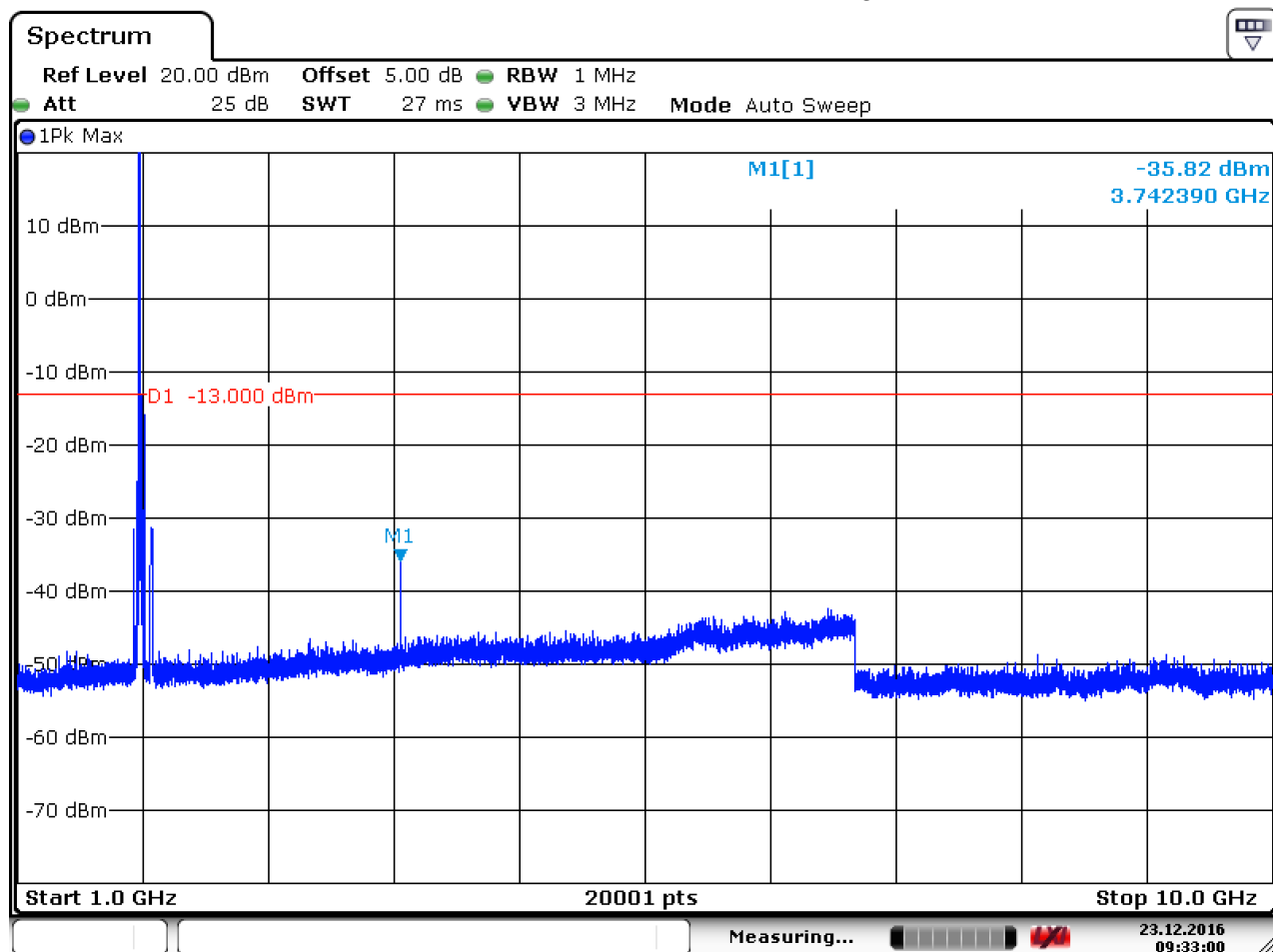
Date: 23.DEC.2016 09:33:01
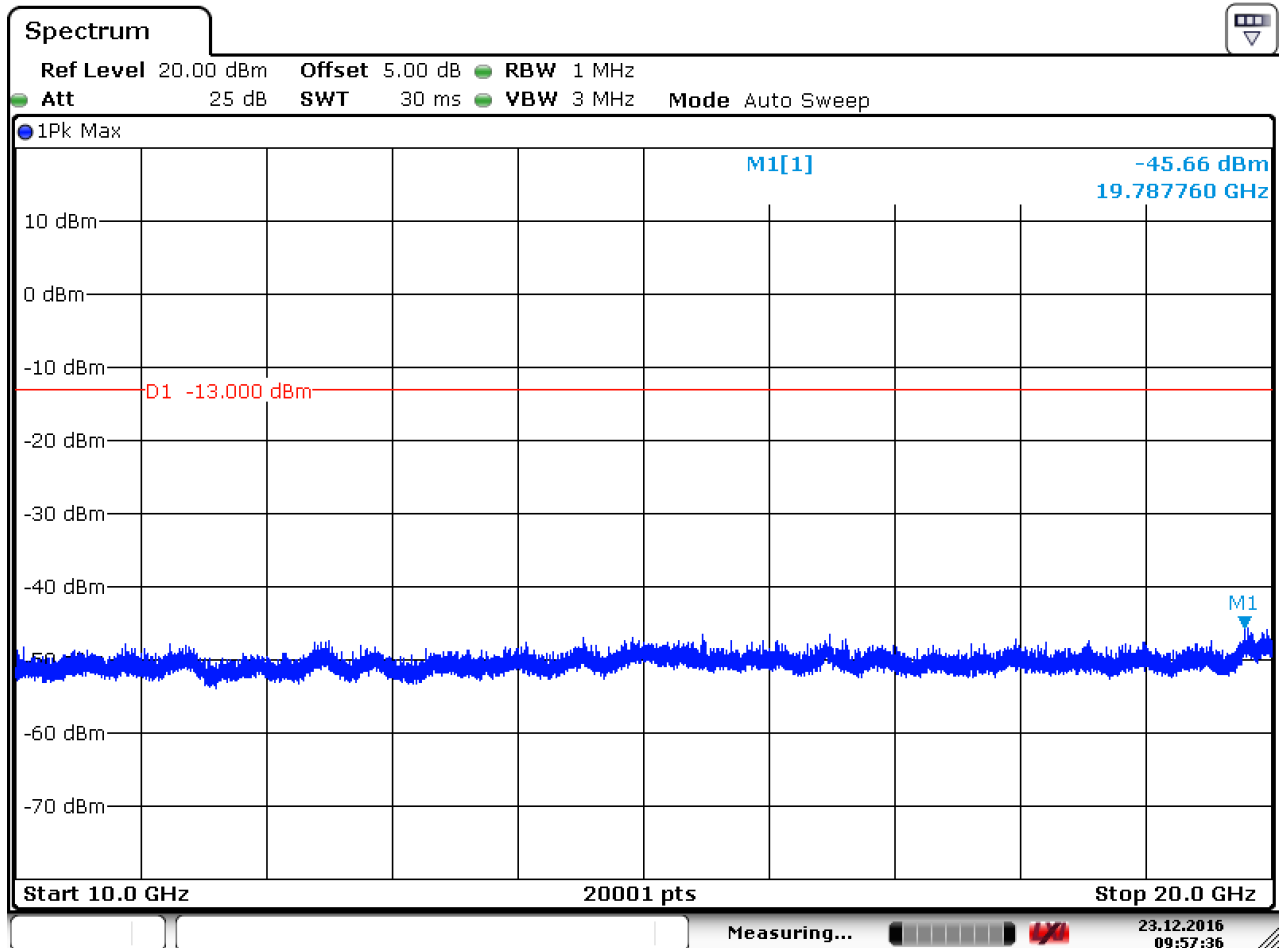
Date: 23.DEC.2016 09:57:36

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6.1.1.6.3   Test Channel = HCH
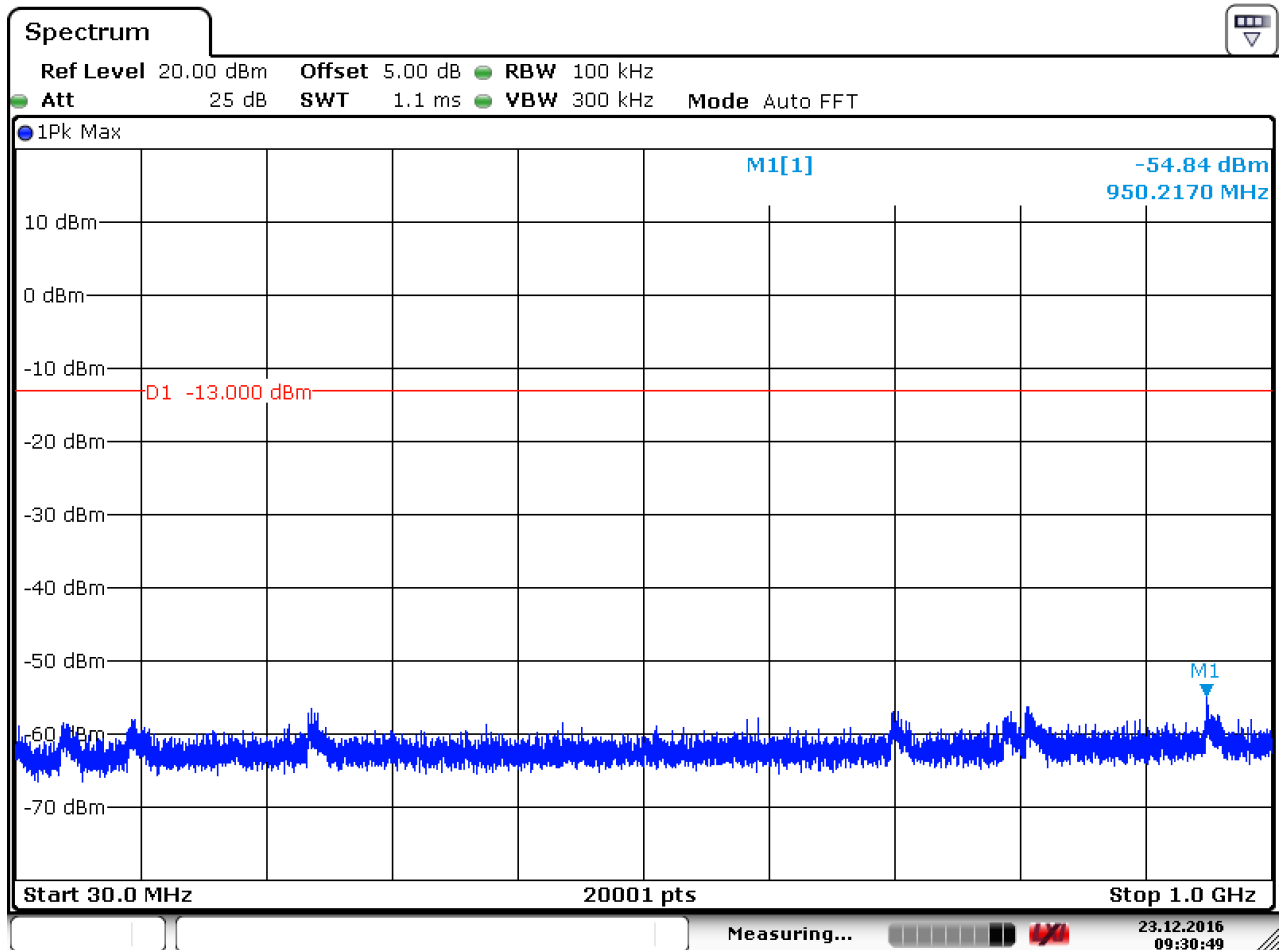
Date: 23.DEC.2016 09:30:50
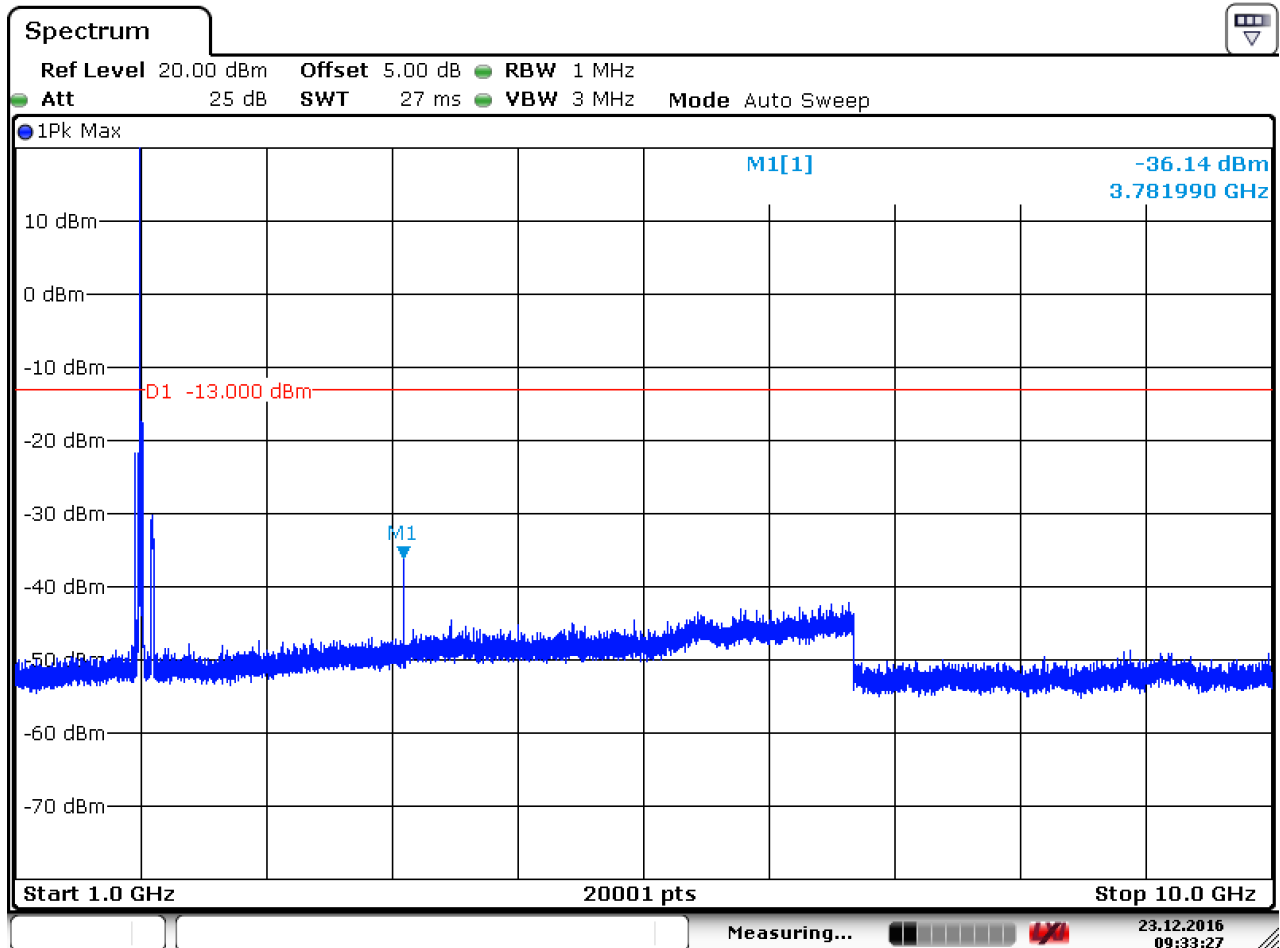
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Date: 23.DEC.2016 09:33:27
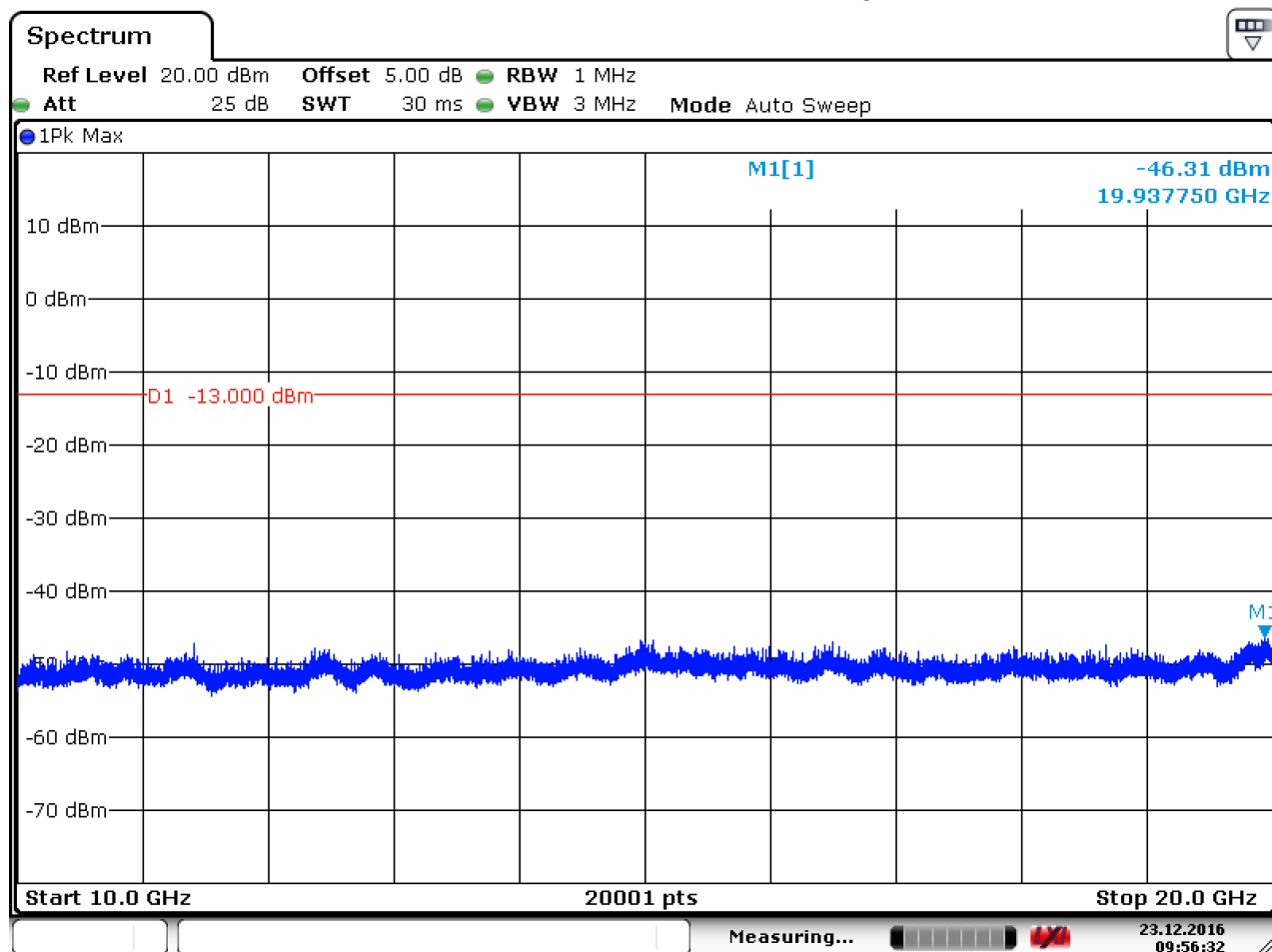
Date: 23.DEC.2016 09:56:32

7   Field Strength of Spurious Radiation

7.1 For LTE

7.1.1 Test Band = LTE band2

7.1.1.1.1   Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1177.000	-66.71	-13.00	-53.71	Vertical
4267.500	-67.10	-13.00	-54.10	Vertical
7680.000	-64.92	-13.00	-51.92	Vertical
1276.000	-67.10	-13.00	-54.10	Horizontal
3975.000	-68.03	-13.00	-55.03	Horizontal
6315.000	-65.86	-13.00	-52.86	Horizontal

NOTE:

1) All modes are tested,but the data presented above is the worst case.the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

8   Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE band 2	LTE/TM1 20MHz	LCH	TN	VL	-3.03	-0.00163	PASS
				VN	2.46	0.00132	PASS
				VH	-5.73	-0.00308	PASS
		MCH	TN	VL	1.40	0.00074	PASS
				VN	-2.64	-0.00140	PASS
				VH	2.88	0.00153	PASS
		HCH	TN	VL	-6.26	-0.00329	PASS
				VN	-4.17	-0.00219	PASS
				VH	-2.84	-0.00149	PASS
	LTE/TM2 20MHz	LCH	TN	VL	-4.18	-0.00225	PASS
				VN	-2.95	-0.00159	PASS
				VH	-5.16	-0.00277	PASS
		MCH	TN	VL	1.56	0.00083	PASS
				VN	-2.90	-0.00154	PASS
				VH	2.34	0.00124	PASS
		HCH	TN	VL	-4.08	-0.00215	PASS
				VN	-7.20	-0.00379	PASS
				VH	-4.40	-0.00232	PASS

8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTEband2	LTE/TM1 20MHz	LCH	VN	-30	-4.40	-0.00237	PASS
				-20	-1.44	-0.00077	PASS
				-10	3.38	0.00182	PASS
				0	1.88	0.00101	PASS
				10	1.65	0.00089	PASS
				20	2.96	0.00159	PASS
				30	-0.31	-0.00017	PASS
				40	-2.14	-0.00115	PASS
				50	3.50	0.00188	PASS
		MCH	VN	-30	-7.80	-0.00415	PASS
				-20	-5.95	-0.00316	PASS
				-10	-3.07	-0.00163	PASS
				0	-5.62	-0.00299	PASS
				10	-2.04	-0.00109	PASS
				20	-7.37	-0.00392	PASS
				30	-5.26	-0.00280	PASS
				40	-4.55	-0.00242	PASS
				50	-6.22	-0.00331	PASS
		HCH	VN	-30	0.54	0.00028	PASS
				-20	-4.49	-0.00236	PASS
				-10	1.53	0.00081	PASS
				0	-3.83	-0.00202	PASS
				10	2.60	0.00137	PASS
				20	-0.77	-0.00041	PASS
				30	-2.62	-0.00138	PASS
				40	-3.43	-0.00181	PASS
				50	-5.67	-0.00298	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTEband2	LTE/TM2 20MHz	LCH	VN	-30	-2.53	-0.00136	PASS
				-20	-4.45	-0.00239	PASS
				-10	3.18	0.00171	PASS
				0	2.67	0.00144	PASS
				10	1.60	0.00086	PASS
				20	-3.29	-0.00177	PASS
				30	-0.34	-0.00018	PASS
				40	-5.34	-0.00287	PASS
				50	3.79	0.00204	PASS
		MCH	VN	-30	-3.50	-0.00186	PASS
				-20	-1.28	-0.00068	PASS
				-10	-6.29	-0.00335	PASS
				0	-4.32	-0.00230	PASS
				10	-2.30	-0.00122	PASS
				20	1.74	0.00093	PASS
				30	-3.24	-0.00172	PASS
				40	-2.68	-0.00143	PASS
				50	-3.87	-0.00206	PASS
		HCH	VN	-30	1.54	0.00081	PASS
				-20	-2.25	-0.00118	PASS
				-10	4.57	0.00241	PASS
				0	-3.23	-0.00170	PASS
				10	2.58	0.00136	PASS
				20	-4.43	-0.00233	PASS
				30	-2.39	-0.00126	PASS
				40	-4.93	-0.00259	PASS
				50	-5.40	-0.00284	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTEband2	LTE/TM3 20MHz	LCH	VN	-30	1.50	0.00081	PASS
				-20	-1.60	-0.00086	PASS
				-10	4.38	0.00235	PASS
				0	1.69	0.00091	PASS
				10	1.43	0.00077	PASS
				20	0.54	0.00029	PASS
				30	-2.61	-0.00140	PASS
				40	-0.69	-0.00037	PASS
				50	3.52	0.00189	PASS
		MCH	VN	-30	-7.34	-0.00390	PASS
				-20	-5.33	-0.00284	PASS
				-10	-7.23	-0.00385	PASS
				0	-5.34	-0.00284	PASS
				10	-4.04	-0.00215	PASS
				20	-6.34	-0.00337	PASS
				30	-5.26	-0.00280	PASS
				40	-4.13	-0.00220	PASS
				50	-6.47	-0.00344	PASS
		HCH	VN	-30	2.34	0.00123	PASS
				-20	-1.83	-0.00096	PASS
				-10	1.57	0.00083	PASS
				0	-2.43	-0.00128	PASS
				10	1.60	0.00084	PASS
				20	-0.57	-0.00030	PASS
				30	0.66	0.00035	PASS
				40	-5.43	-0.00286	PASS
				50	-5.90	-0.00311	PASS

The End