Appendix A

Modulation Characteristics
According to FCC Part 2.1047 & Part22 Subpart H
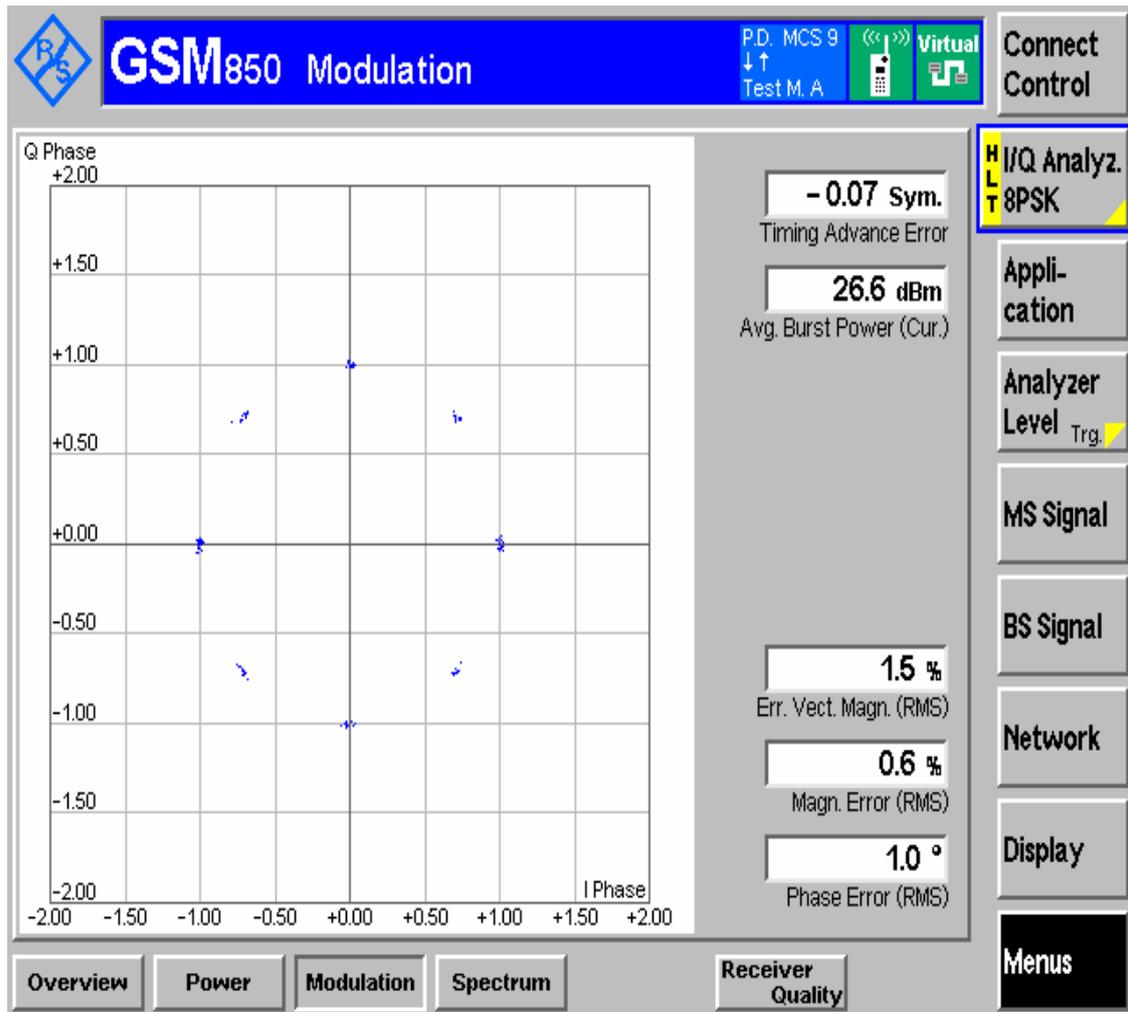
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Channel 192（TM1:GPRS/GSM）

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Channel 192（TM2:EDGE）

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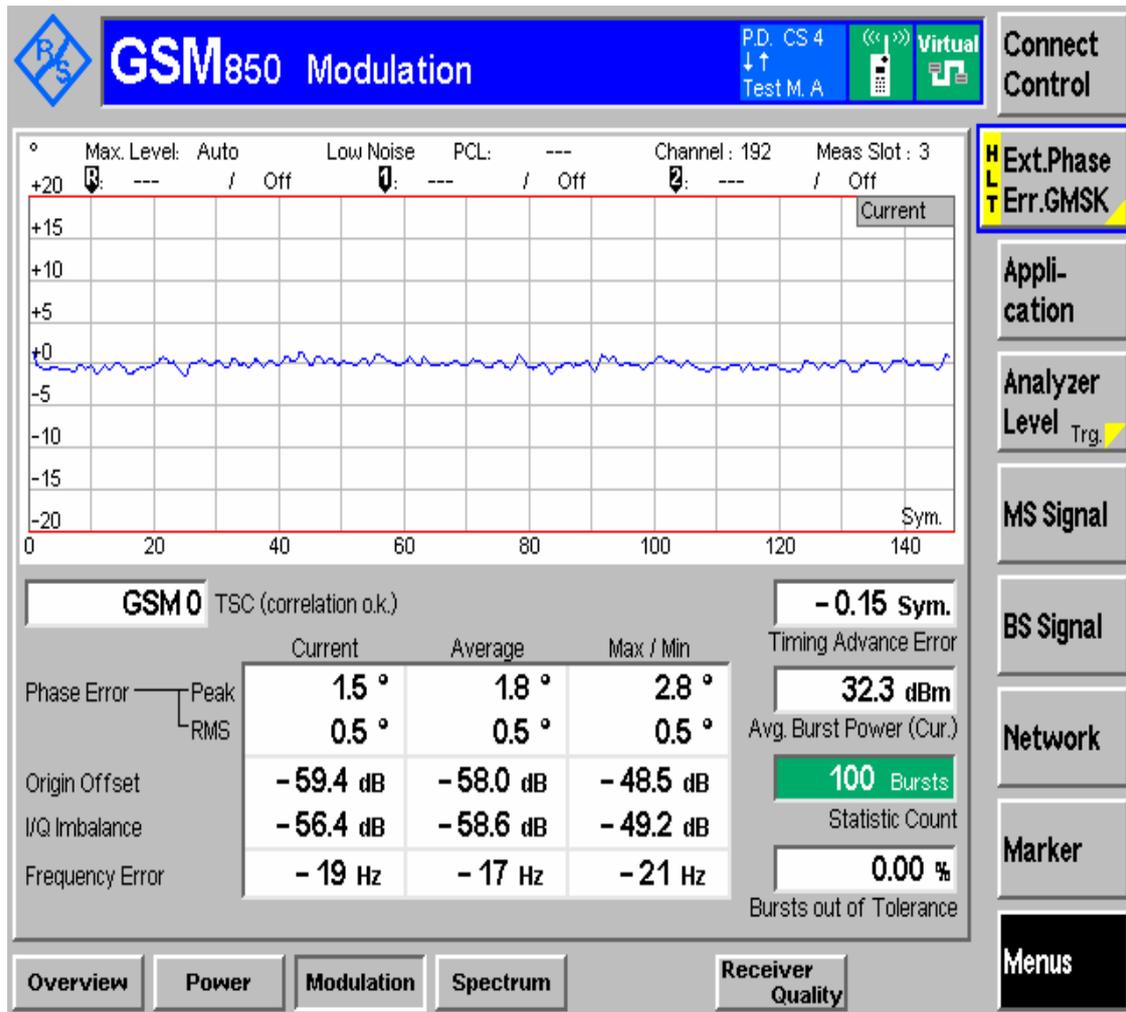
Appendix B

Occupied Bandwidth
According to FCC Part 2.1049 & Part 22 Subpart H
& RSS-132

Channel 128（TM1:GPRS/GSM）


```
                                          *RBW  3 kHz       Marker 1 [T1 ]
                                          *VBW  10 kHz                22.86 dBm
       Ref   35 dBm              Att  35 dB   SWT  115 ms    824.185576923 MHz
```
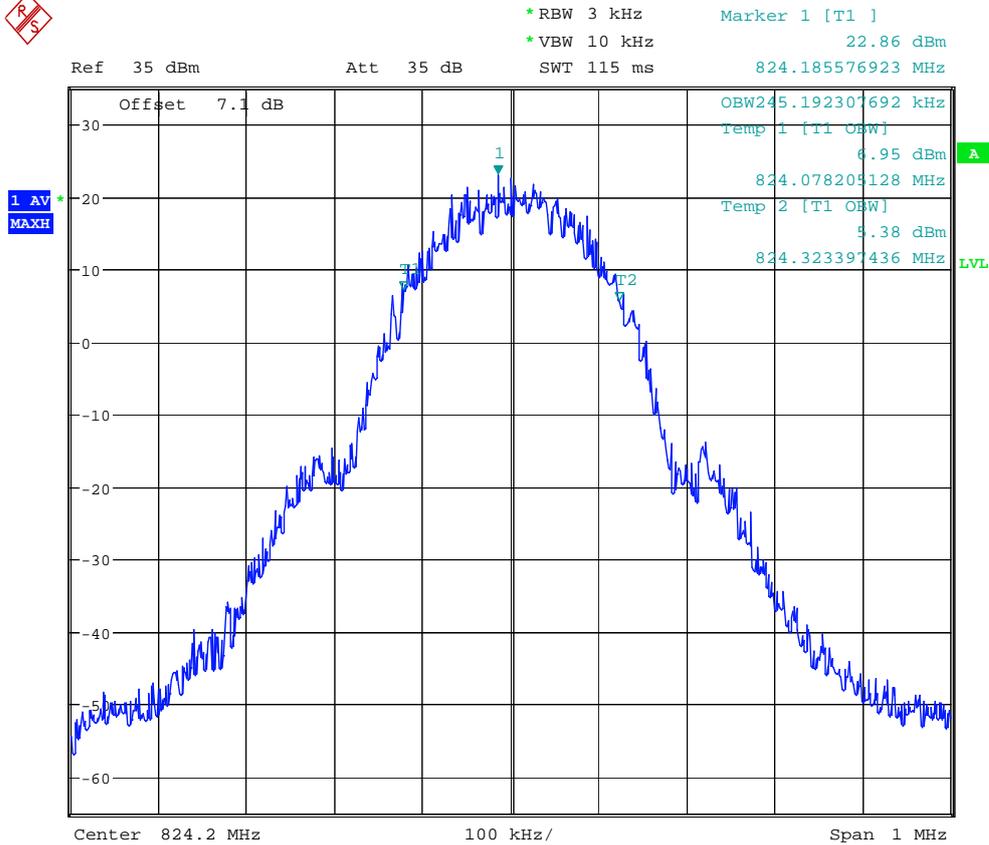
Date: 22.OCT.2010 15:09:03

Channel 128（TM2:EDGE）


```
                                            *RBW  3 kHz          Marker 1 [T1 ]
                                            *VBW  10 kHz                  16.72 dBm
        Ref  35 dBm            Att  35 dB    SWT  115 ms         824.200000000 MHz

          Offset  7.1 dB                                 OBW248.397435897 kHz
        -30                                             Temp 1 [T1 OBW]
                                                                   0.45 dBm      A
                                                             824.076602564 MHz
        -20                                             Temp 2 [T1 OBW]
                                                                  -2.20 dBm
        -10                                              824.325000000 MHz    LVL

          0

        -10

        -20

        -30

        -40

        -60

        Center  824.2 MHz          100 kHz/               Span  1 MHz
```

Date: 22.OCT.2010 15:14:46

Channel 192（TM1:GPRS/GSM）


```
                                          * RBW 3 kHz          Marker 1 [T1 ]
                                          * VBW 10 kHz                    22.48 dBm
         Ref  35 dBm          Att  35 dB    SWT 115 ms         836.979166667 MHz
                                                              OBW250.000000000 kHz
           Offset  7.1 dB                                     Temp 1 [T1 OBW]
                                                                        6.06 dBm    A
                                                              836.875000000 MHz
                                                              Temp 2 [T1 OBW]
                                                                        5.56 dBm
                                                              837.125000000 MHz   LVL

         Center  837 MHz              100 kHz/                      Span  1 MHz
```

Date: 22.OCT.2010 15:09:18

Channel 192（TM2:EDGE）
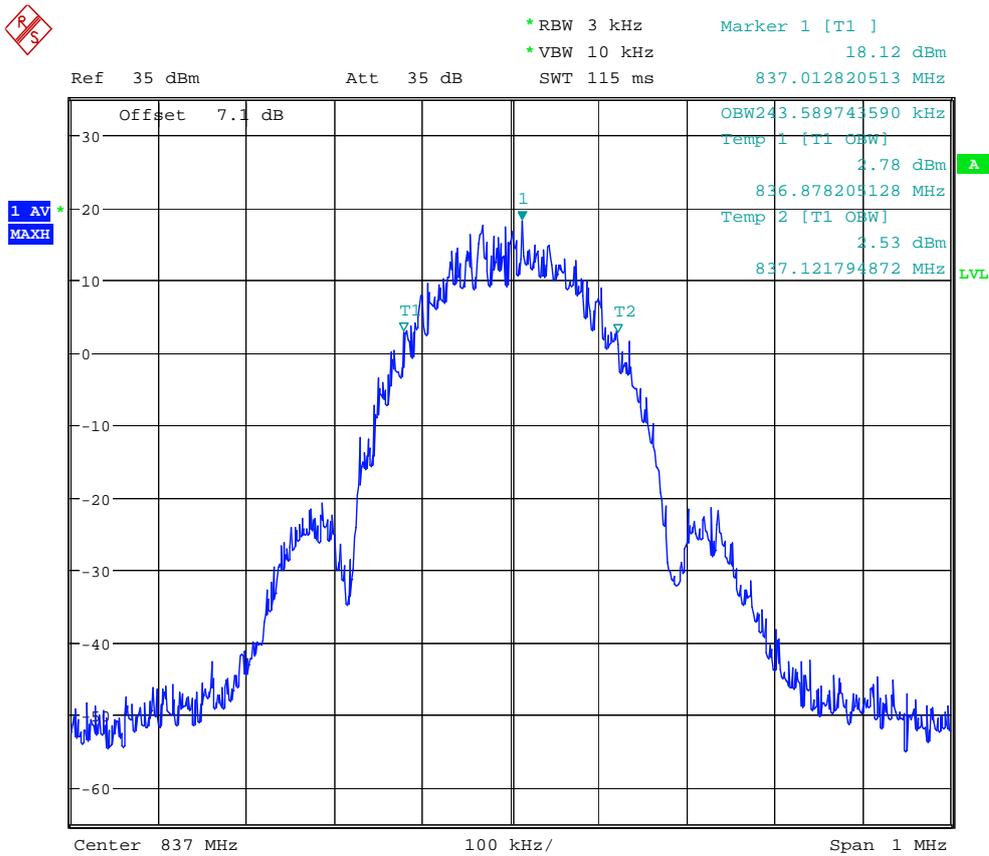
Date: 22.OCT.2010 15:15:00

Channel 251（TM1:GPRS/GSM）
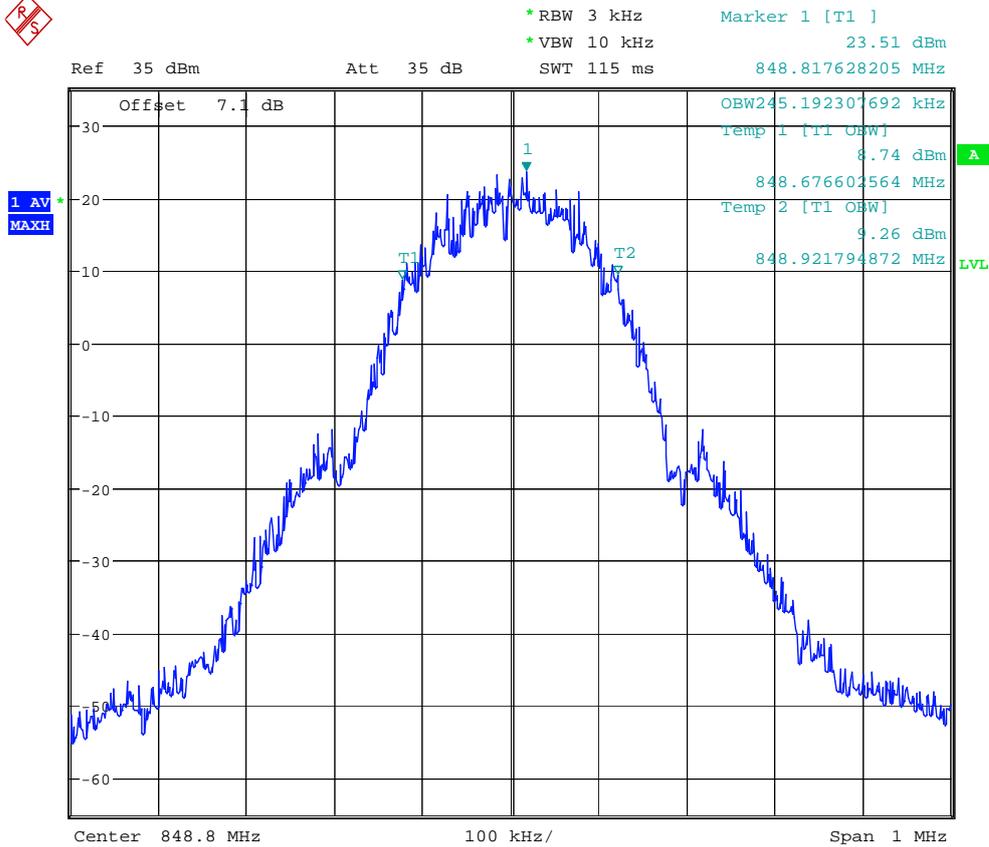
Date: 22.OCT.2010 15:09:31

Channel 251（TM2:EDGE）
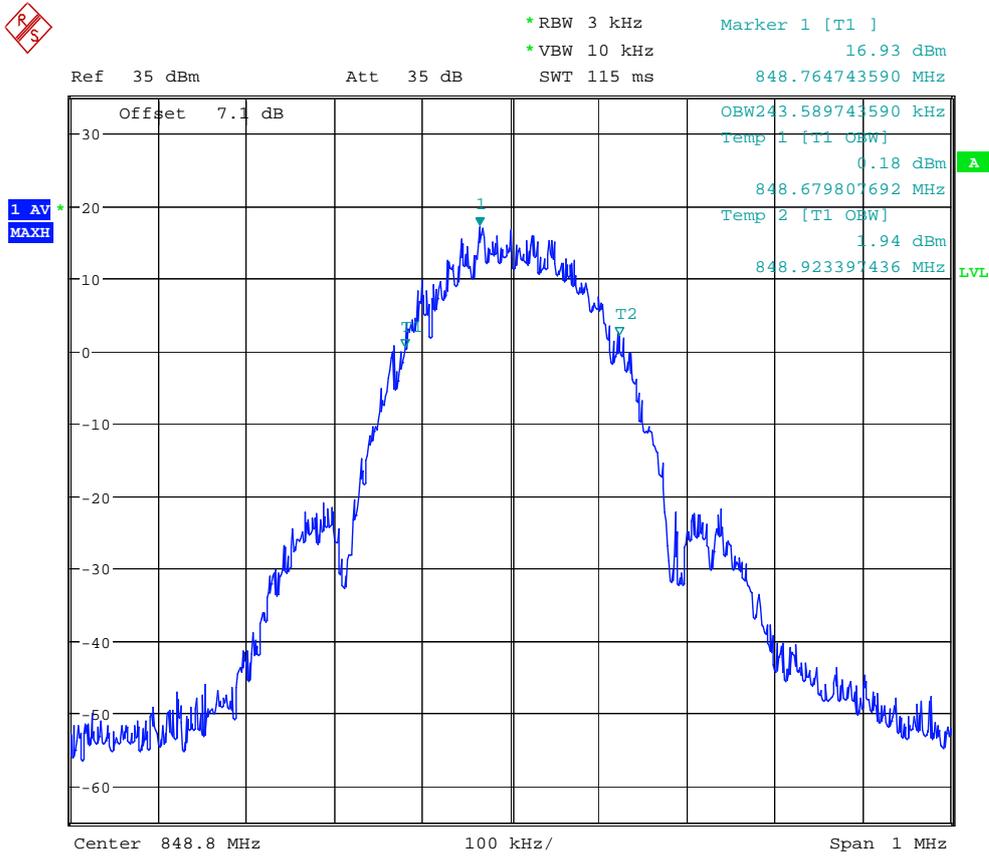
Date: 22.OCT.2010 15:15:14
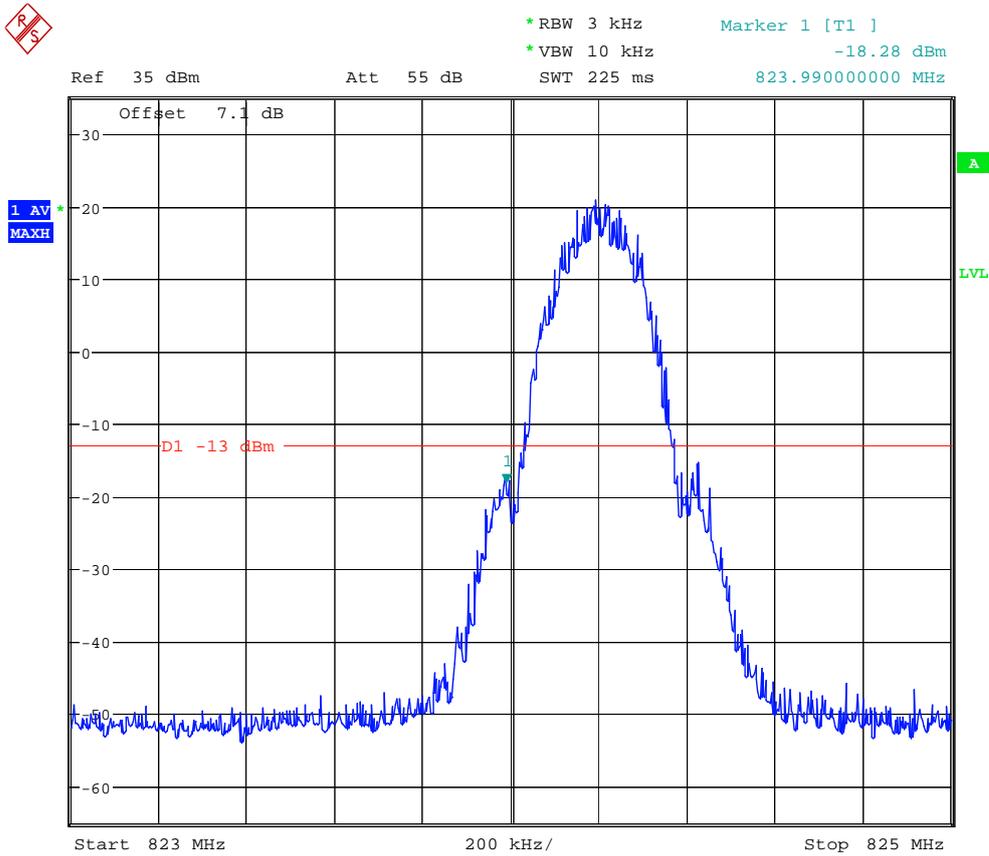
Appendix C

Band Edges Compliance
According to FCC Part 2.1051 & Part22 Subpart H
& RSS-132

TM1:GPRS/GSM
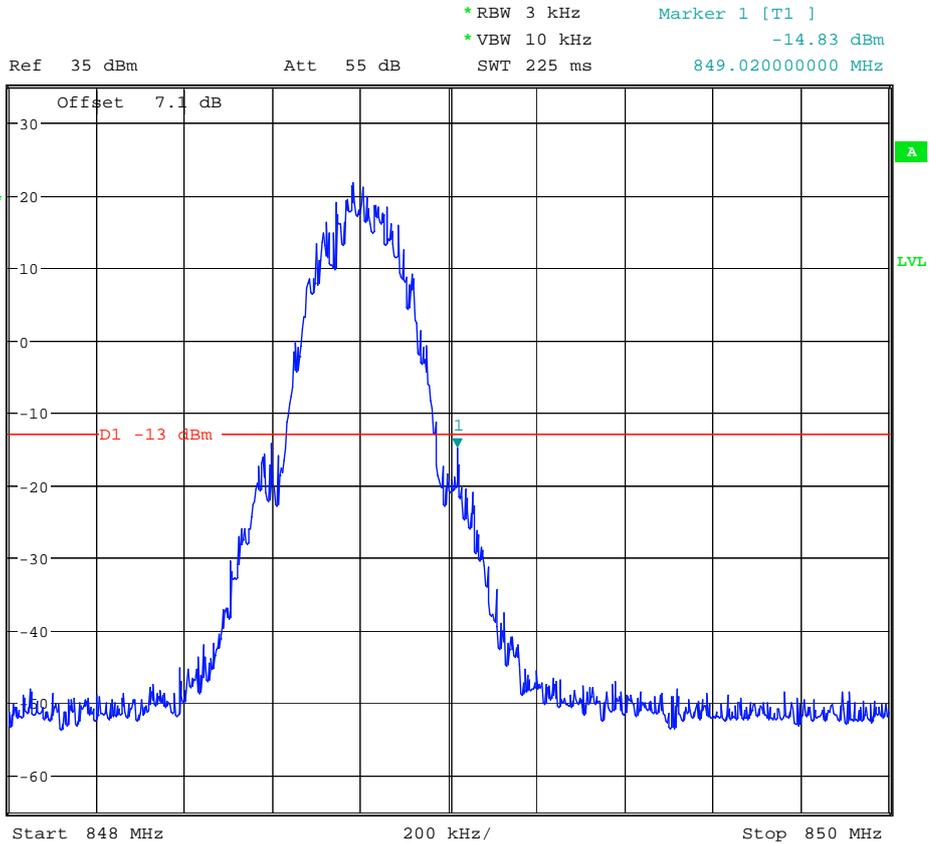## Left Edge
Channel 128

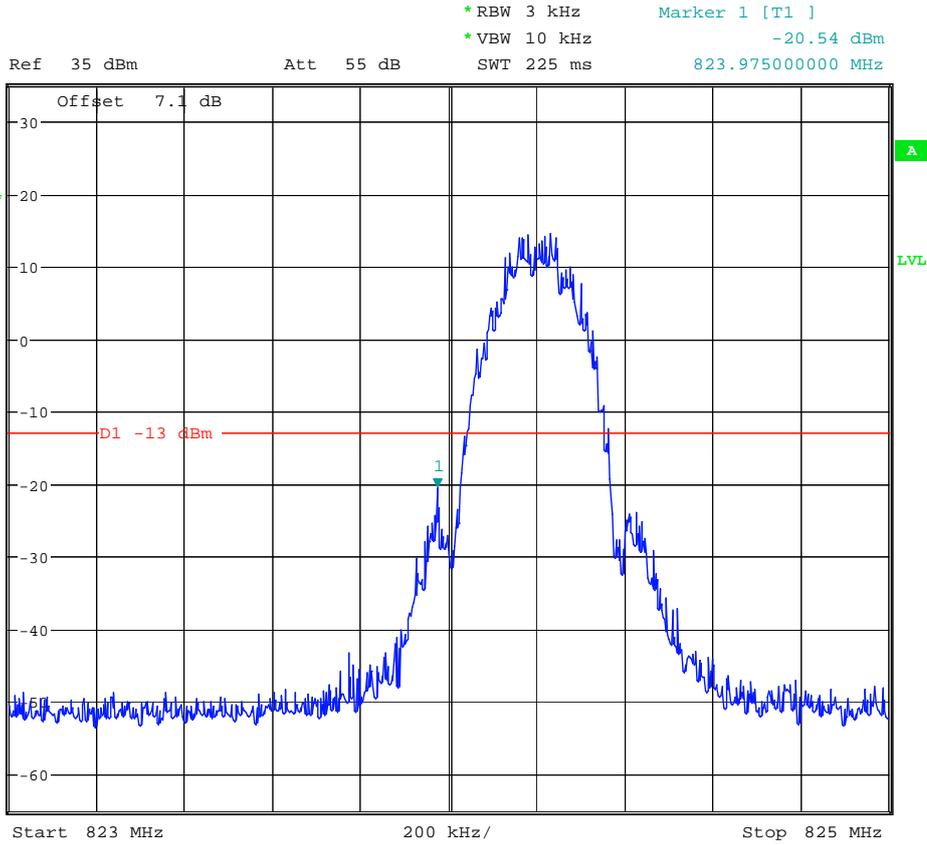Date: 22.OCT.2010 15:12:45

Right Edge
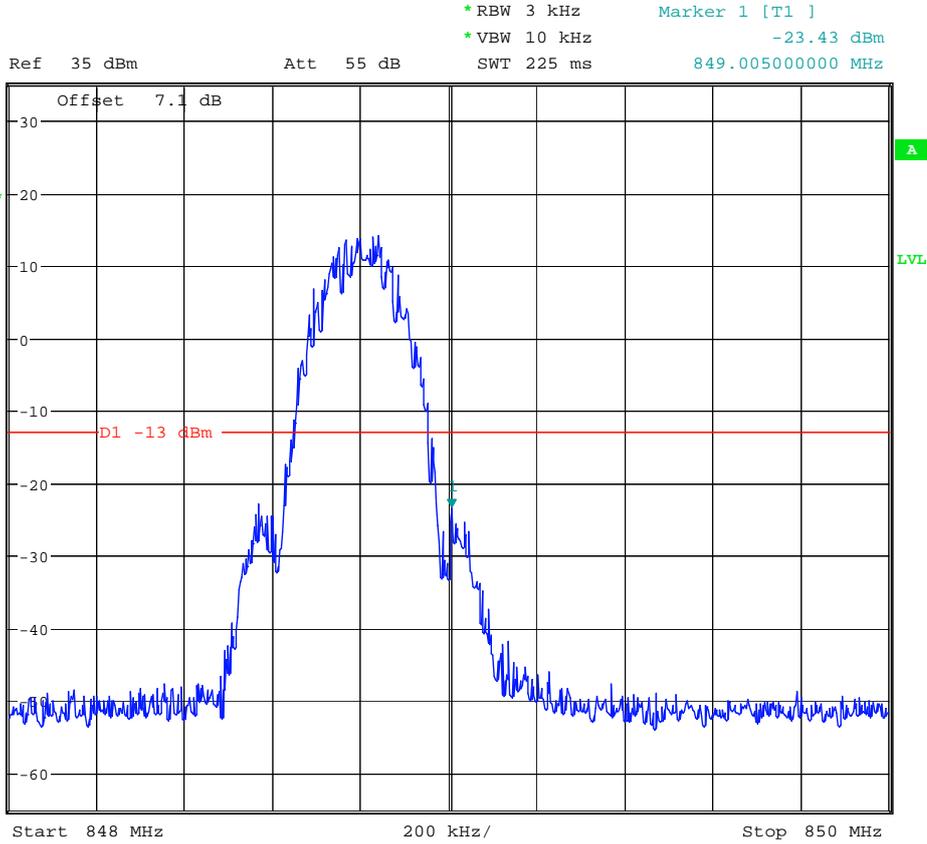## Channel 251

TM2:EDGE
Left Edge
Channel 128

Date: 22.OCT.2010 15:14:17
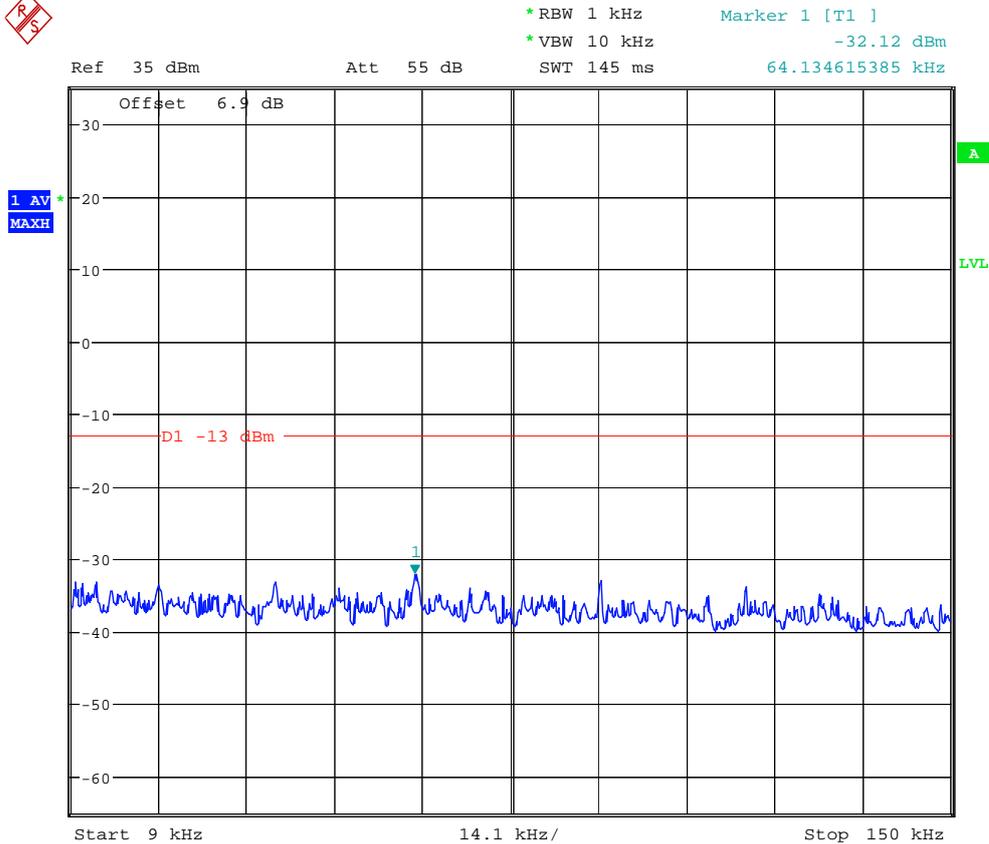
Right Edge
Channel 251

Date: 22.OCT.2010 15:14:31

Appendix D

Spurious Emission at Antenna Terminal
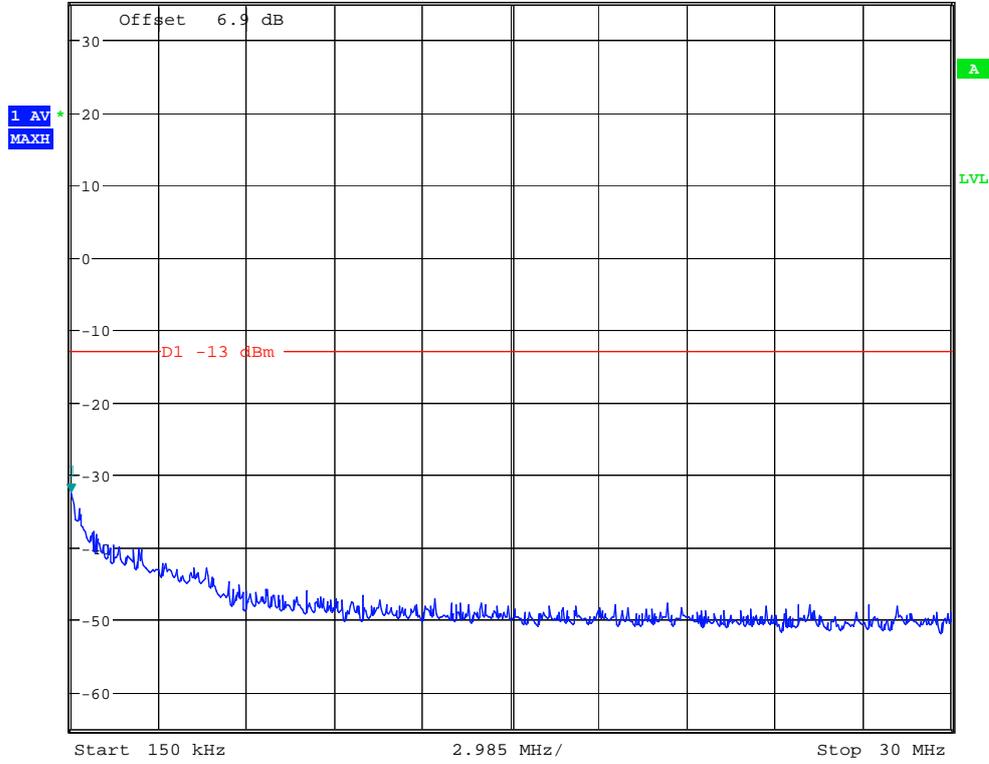According to FCC Part 2.1051 & Part22 Subpart H
& RSS-132

TM1:GPRS/GSM
Channel 128

* RBW 1 kHz		Marker 1 [T1]
* VBW 10 kHz		-32.12 dBm
Ref 35 dBm	Att 55 dB SWT 145 ms	64.134615385 kHz

```
Offset  6.9 dB
  30
                                                      A

1 AV * 20
MAXH
  10                                                  LVL

  0

 -10
    D1 -13 dBm

 -20

 -30           1

 -40

 -50

 -60

Start 9 kHz        14.1 kHz/        Stop 150 kHz
```

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```
* RBW 100 kHz      Marker 1 [T1 ]
* VBW 300 kHz               12.08 dBm
Ref  35 dBm           Att  55 dB    SWT 100 ms      825.897435897 MHz
```



```
Offset   7.1 dB
Start 30 MHz              97 MHz/              Stop 1 GHz
```

Date: 22.OCT.2010 15:11:16

```
                                    * RBW  1 MHz      Marker 1 [T1 ]
                                    * VBW  3 MHz              -26.20 dBm
     Ref   35 dBm          Att   55 dB    SWT 70 ms      3.579727564 GHz

          Offset   7.4 dB                                            A

  1 AV *  20                                                         LVL
  MAXH

          10

          0

         -10
         D1 -13 dBm

         -20
                        1

         -30

         -40

         -50

         -60

     Start 1 GHz              1.175 GHz/          Stop  12.75 GHz
```
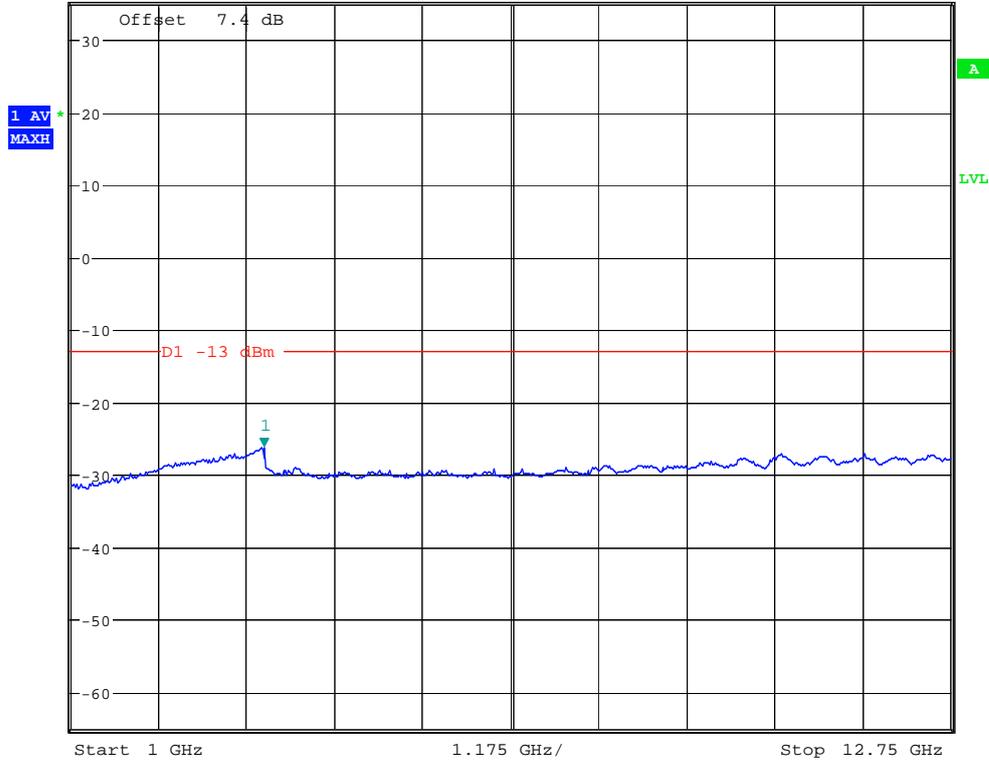
Date: 22.OCT.2010 15:12:01

Channel 192

```
                                        *RBW  1 kHz      Marker 1 [T1 ]
                                        *VBW  10 kHz              -31.79 dBm
   Ref  35 dBm              Att  55 dB   SWT  145 ms       63.908653846 kHz
```
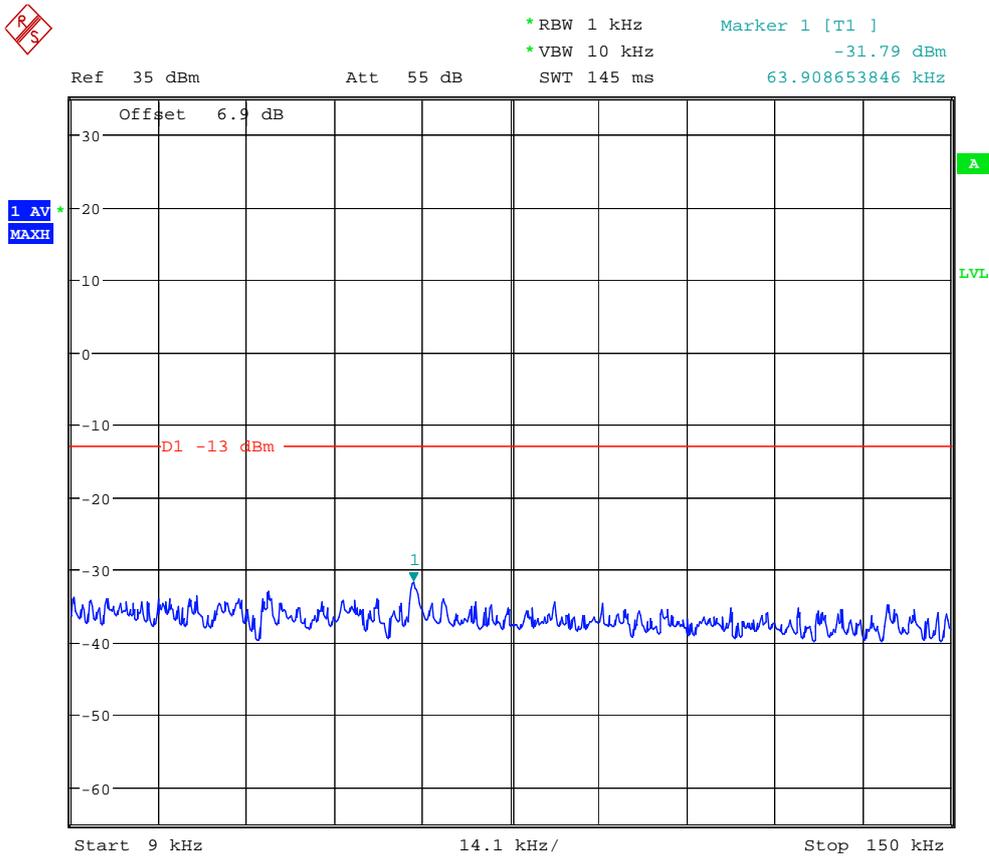


```
Start  9 kHz              14.1 kHz/              Stop  150 kHz
```

Date: 22.OCT.2010 15:10:02

```
                                          * RBW  10 kHz      Marker 1 [T1 ]
                                          * VBW  30 kHz               -32.73 dBm
      Ref   35 dBm            Att  55 dB    SWT 300 ms        197.836538462 kHz
```
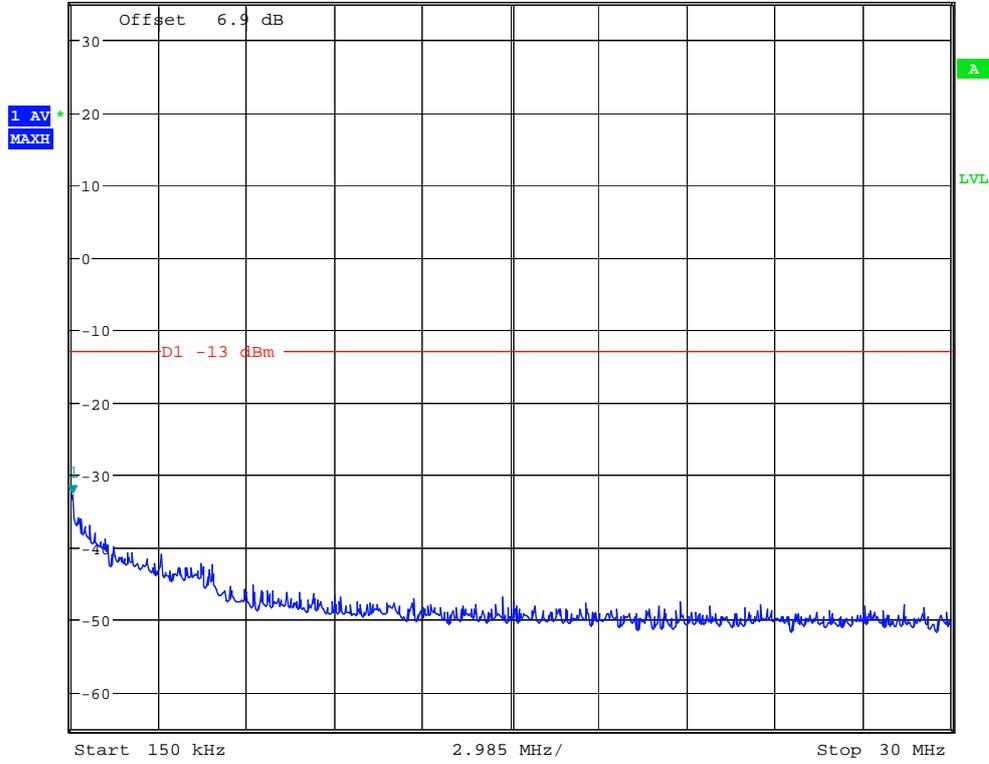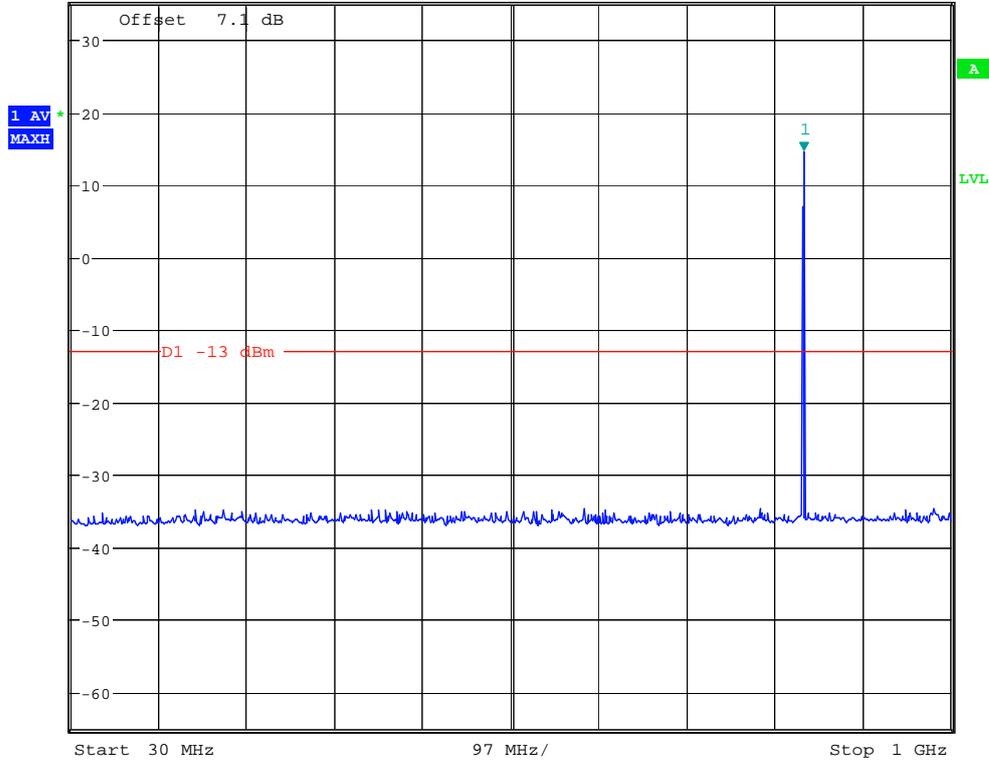
Offset 6.9 dB

```
  30
                                                                          A
1 AV
MAXH  20
                                                                          LVL
  10

  0

 -10
         D1 -13 dBm

 -20

 -30

 -40

 -50

 -60

Start 150 kHz            2.985 MHz/               Stop  30 MHz
```

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```
                                        *RBW  100 kHz      Marker 1 [T1 ]
                                        *VBW  300 kHz               14.59 dBm
        Ref  35 dBm          Att  55 dB   SWT 100 ms      838.333333333 MHz

           Offset  7.1 dB

        -30

                                                                        A
   1 AV *-20
   MAXH                                                   1
                                                                        LVL
        -10

          0

        --10
          D1 -13 dBm

        --20

        --30

        --40

        --50

        --60

        Start 30 MHz              97 MHz/              Stop  1 GHz
```
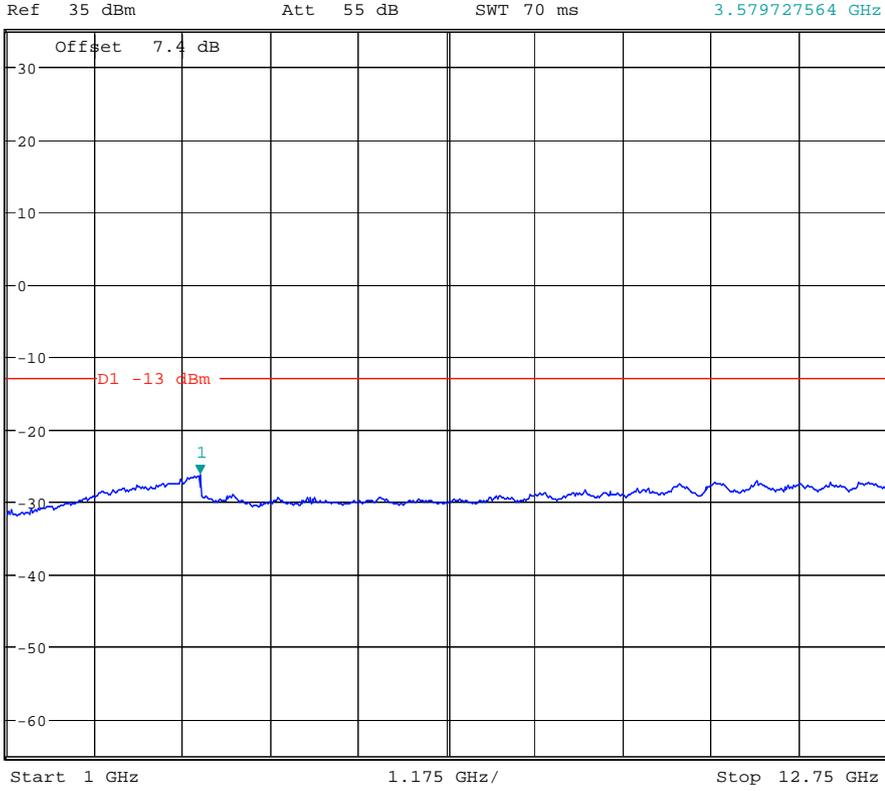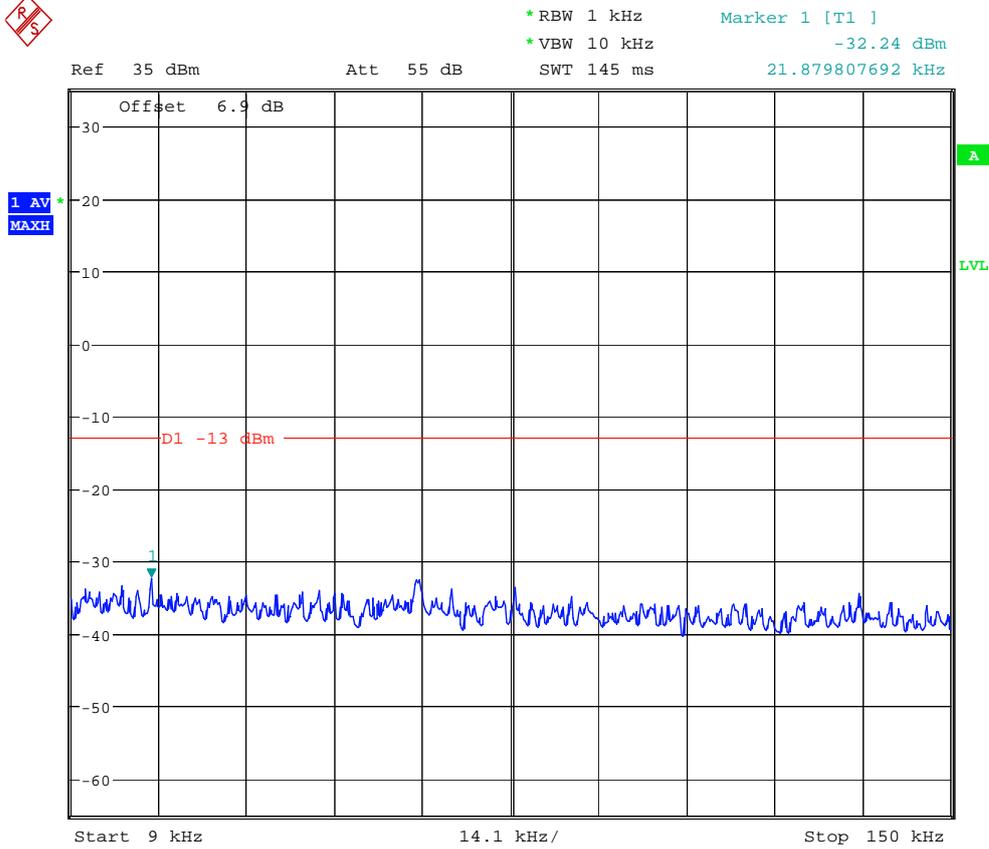
Date: 22.OCT.2010 15:11:31

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```
                                    * RBW  1 MHz        Marker 1 [T1 ]
                                    * VBW  3 MHz               -26.23 dBm
          Ref  35 dBm          Att  55 dB     SWT 70 ms       3.579727564 GHz

              Offset   7.4 dB
          -30                                                              A

    1 AV* -20
    MAXH                                                                   LVL
          -10

            0

          --10
          D1 -13 dBm

          --20
                    1
          --30

          --40

          --50

          --60

          Start 1 GHz              1.175 GHz/            Stop  12.75 GHz
```
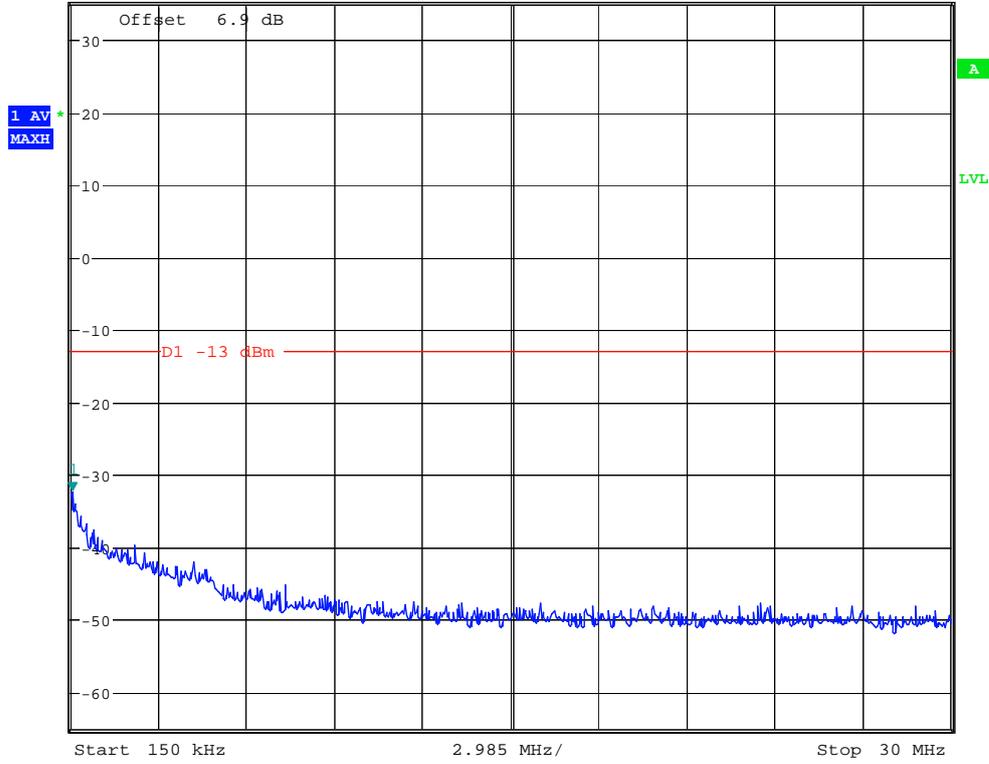
Date: 22.OCT.2010 15:12:15

Channel 251
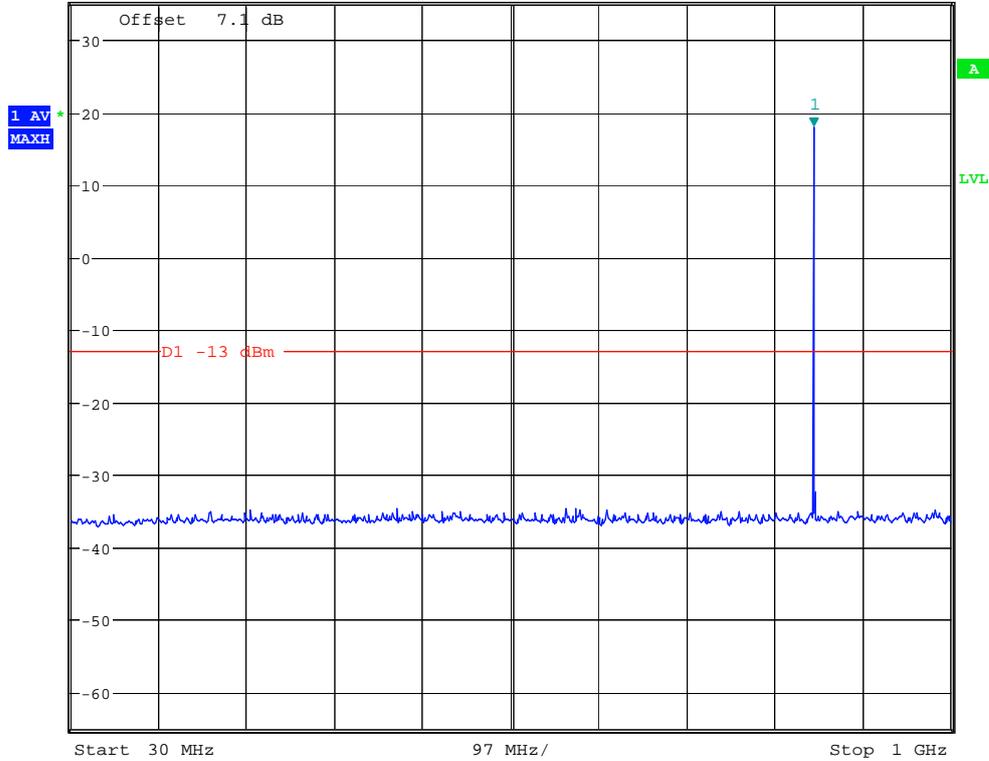


```
                                        * RBW  1 kHz        Marker 1 [T1 ]
                                        * VBW 10 kHz                -32.24 dBm
        Ref   35 dBm          Att  55 dB    SWT 145 ms        21.879807692 kHz
```
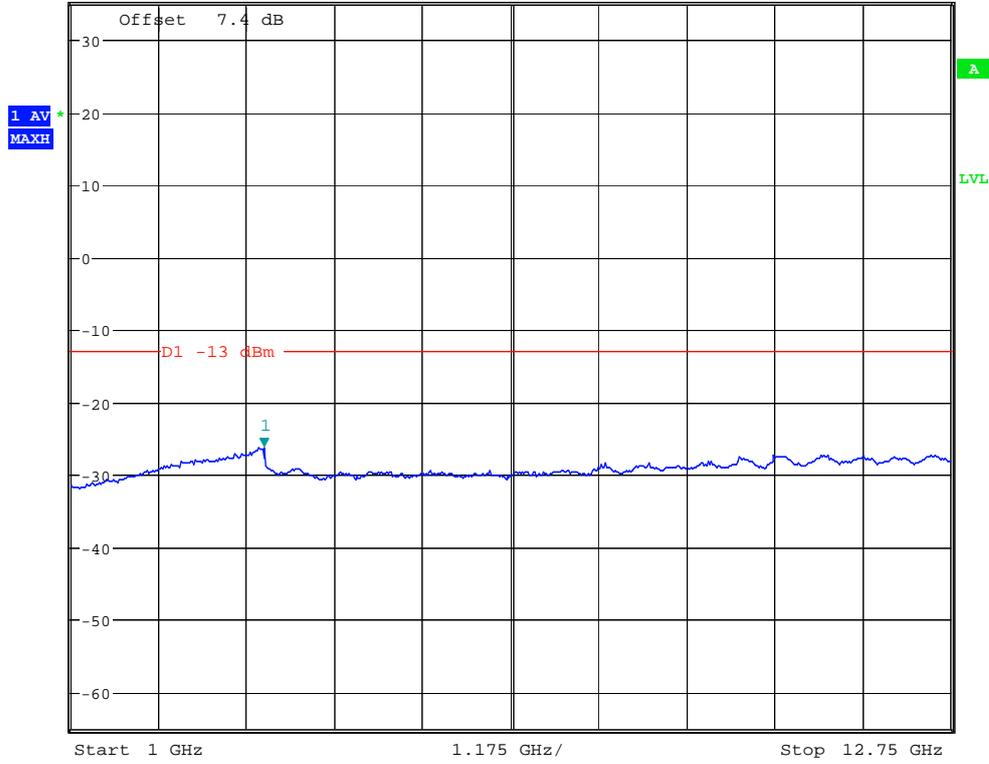
Date: 22.OCT.2010 15:10:16

```
                                    *RBW  10 kHz      Marker 1 [T1 ]
                                    *VBW  30 kHz              -32.24 dBm
    Ref   35 dBm          Att  55 dB   SWT  300 ms    197.836538462 kHz
```
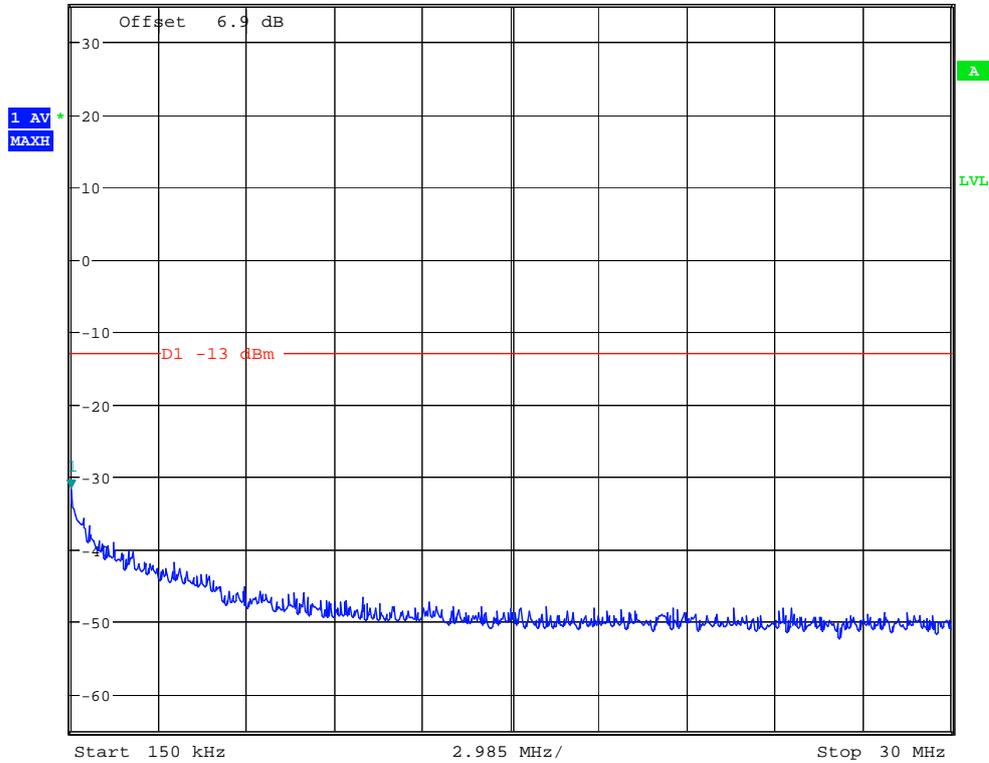
Offset   6.9 dB

D1 -13 dBm

```
    Start  150 kHz              2.985 MHz/              Stop  30 MHz
```

Date: 22.OCT.2010 15:11:01

Ref 35 dBm   Att 55 dB

*RBW 100 kHz   Marker 1 [T1]
*VBW 300 kHz   17.78 dBm
SWT 100 ms   849.214743590 MHz

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```
                                        *RBW 1 MHz        Marker 1 [T1 ]
                                        *VBW 3 MHz                -26.16 dBm
         Ref  35 dBm          Att  55 dB  SWT 70 ms        3.579727564 GHz
```
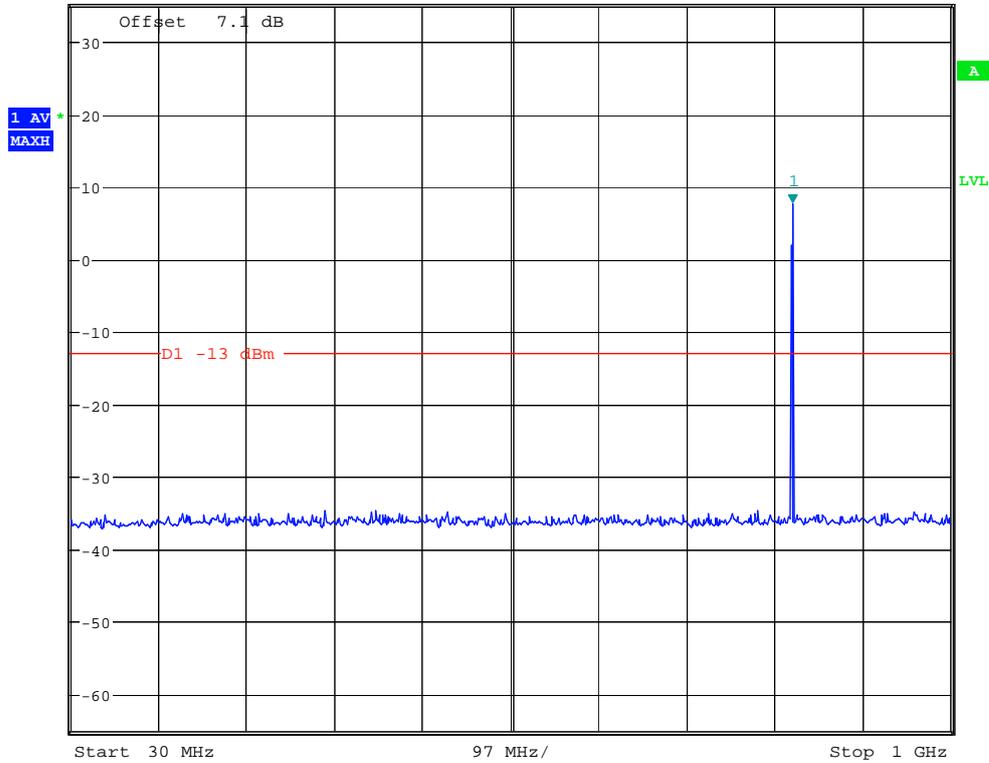


```
Date: 22.OCT.2010  15:12:30
```

TM2:EDGE
Channel 128

Date: 22.OCT.2010 15:16:14

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Channel 192

```
                                          * RBW 1 kHz      Marker 1 [T1 ]
                                          * VBW 10 kHz                -32.53 dBm
    Ref   35 dBm              Att   55 dB   SWT 145 ms       64.134615385 kHz

        Offset   6.9 dB
    -30
                                                                              A
    -20
1 AV
MAXH
    -10                                                                      LVL

     -0

    --10
         D1 -13 dBm

    --20

    --30        1

    --40

    --50

    --60

    Start  9 kHz              14.1 kHz/              Stop  150 kHz
```
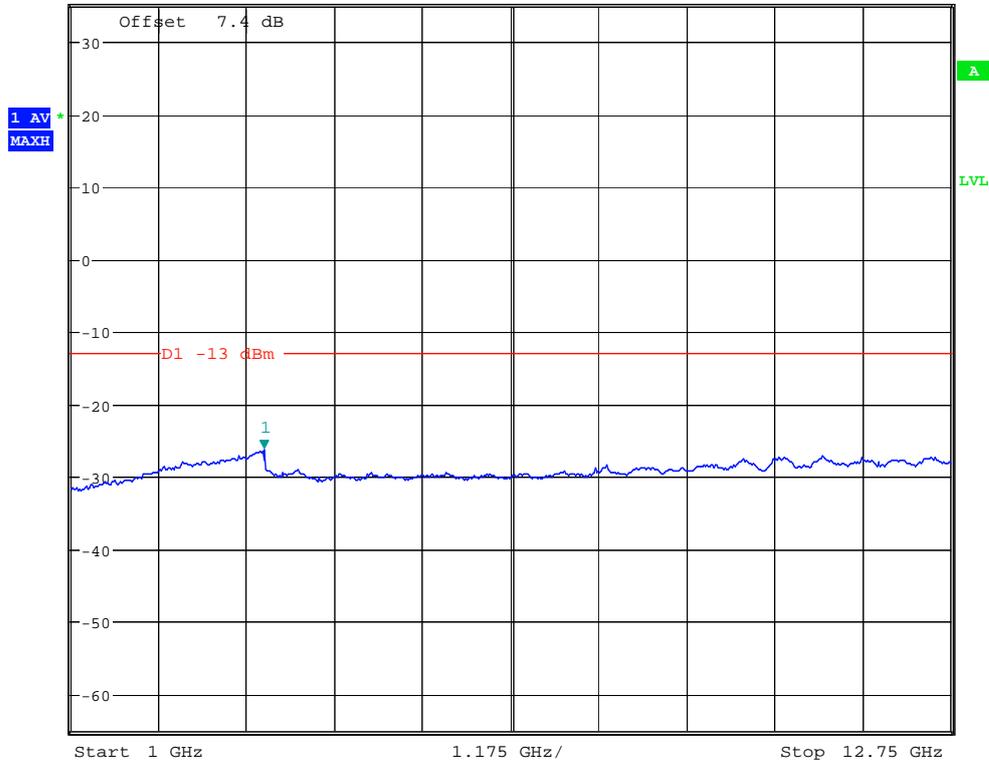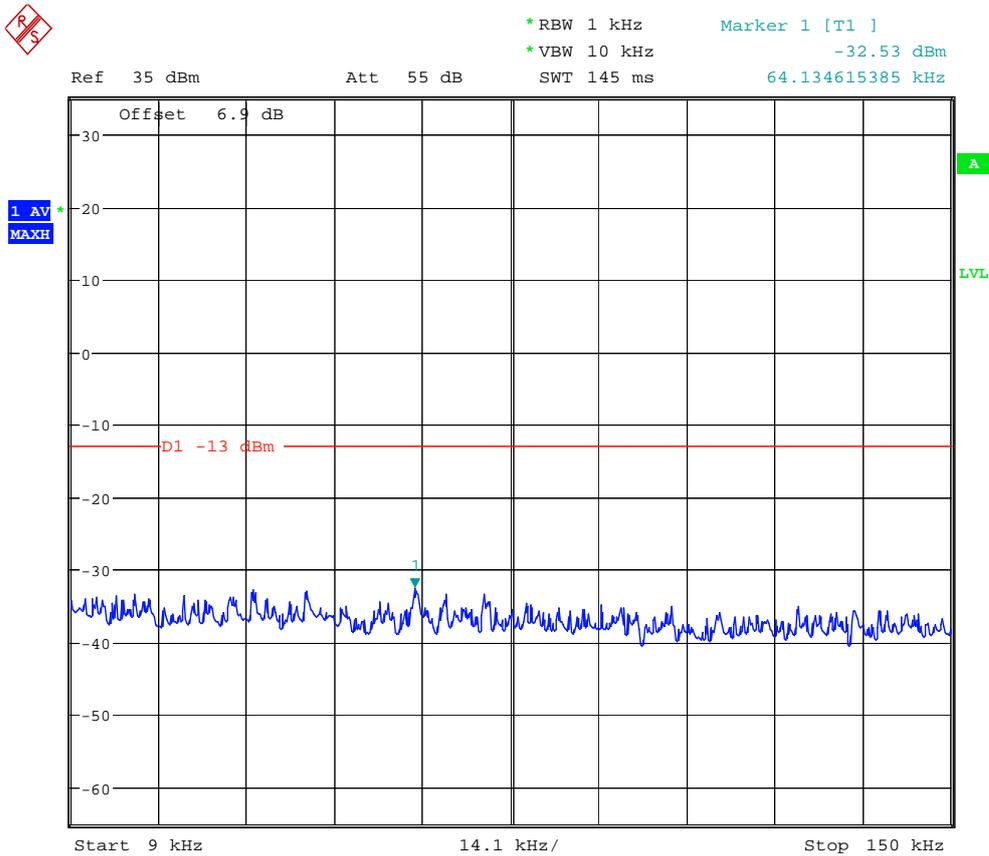
Date: 22.OCT.2010 15:15:44

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```
                                          *RBW  100 kHz     Marker 1 [T1 ]
                                          *VBW  300 kHz              6.40 dBm
        Ref   35 dBm           Att  55 dB  SWT 100 ms      838.333333333 MHz
           Offset   7.1 dB
        -30
                                                                          A
   1 AV
        -20
   MAXH
                                                                         LVL
        -10
                                                      1
         -0

        --10
   -D1 -13 dBm
        --20

        --30

        --40

        --50

        --60
        Start 30 MHz              97 MHz/              Stop  1 GHz
```
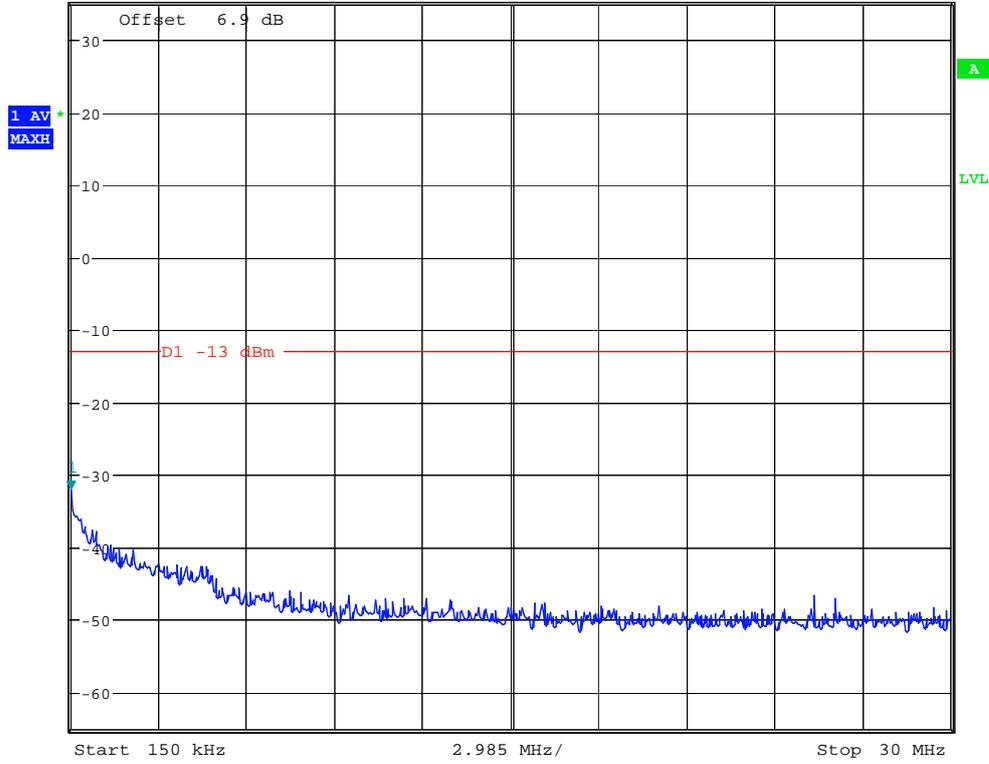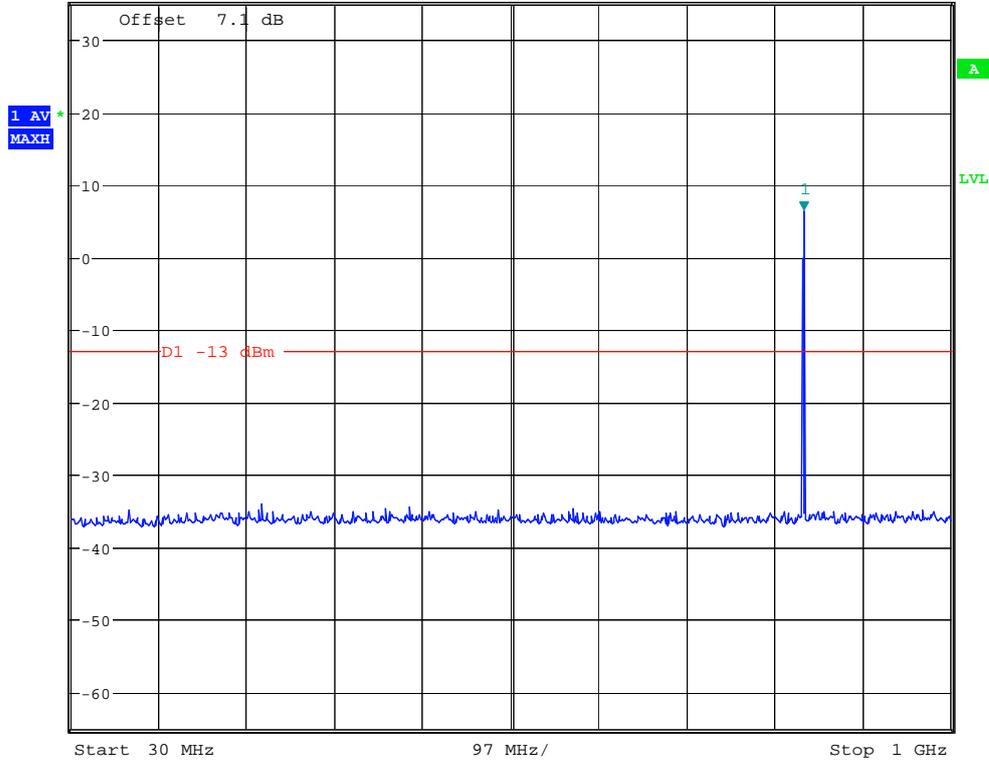
Date: 22.OCT.2010 15:17:13

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```
                                    *RBW  1 MHz        Marker 1 [T1 ]
                                    *VBW  3 MHz                -26.17 dBm
     Ref  35 dBm           Att  55 dB     SWT 70 ms         3.579727564 GHz

        Offset  7.4 dB
   30

                                                                          A
 1 AV *
 MAXH   20

                                                                          LVL
   10

   0

  -10
       D1 -13 dBm

  -20
                   1

  -30

  -40

  -50

  -60

    Start 1 GHz              1.175 GHz/              Stop  12.75 GHz
```
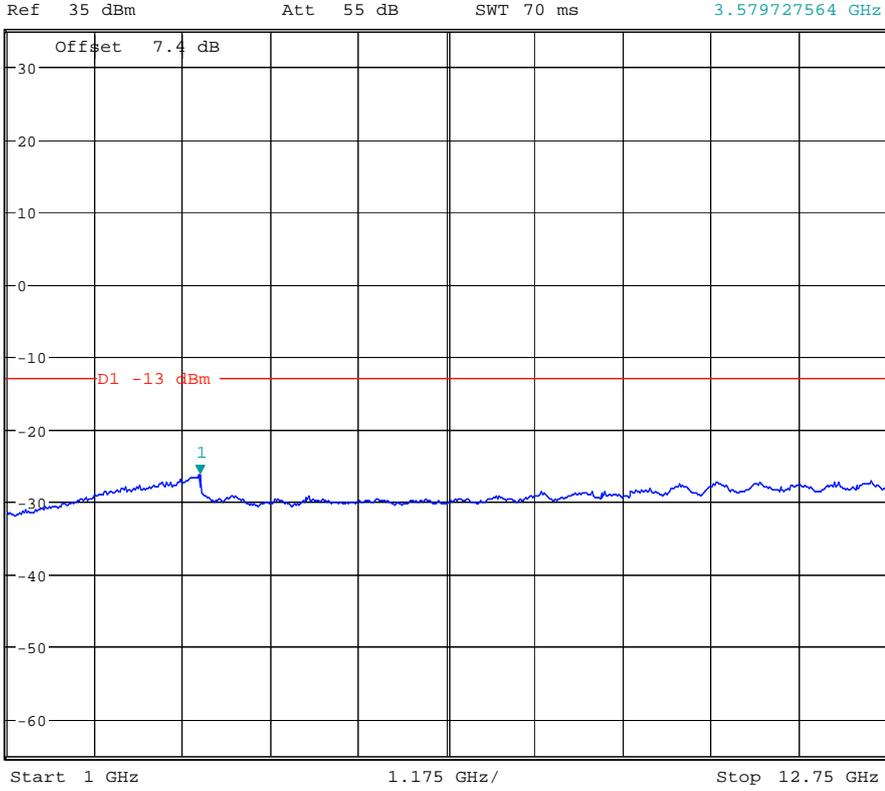
Date: 22.OCT.2010 15:17:57

Channel 251

Date: 22.OCT.2010 15:15:58

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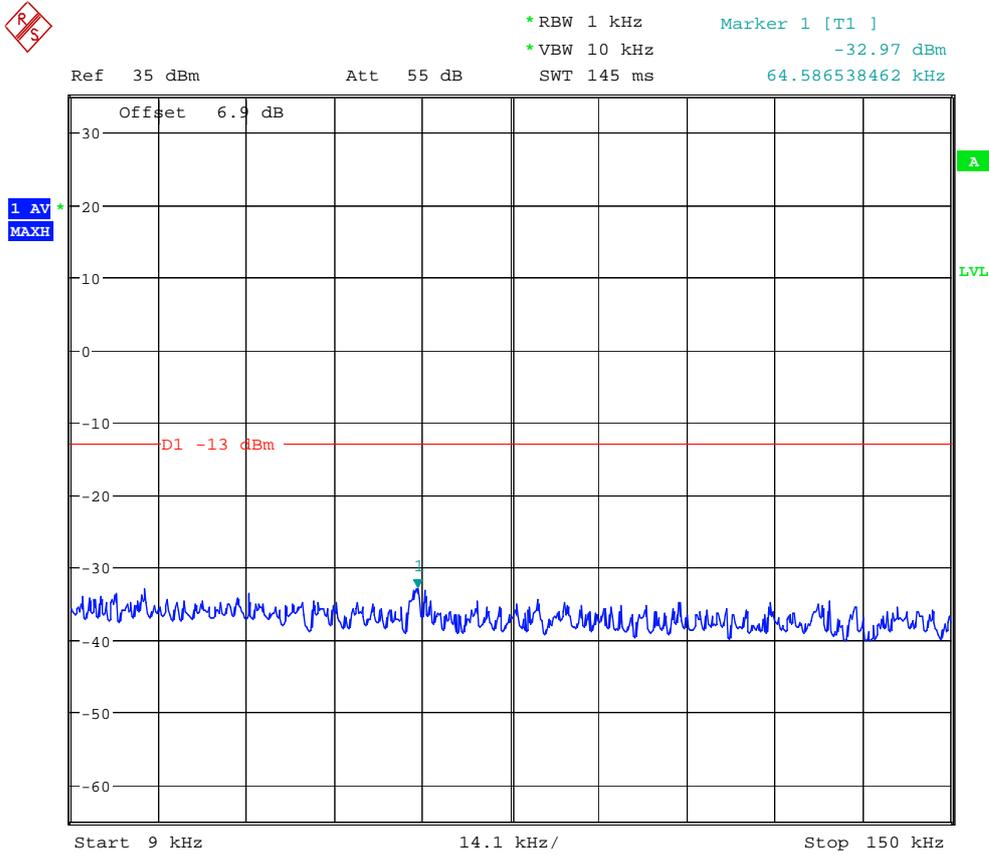
```
                                          *RBW  10 kHz      Marker 1 [T1 ]
                                          *VBW  30 kHz           -31.91 dBm
        Ref   35 dBm          Att   55 dB  SWT 300 ms      150.000000000 kHz
```
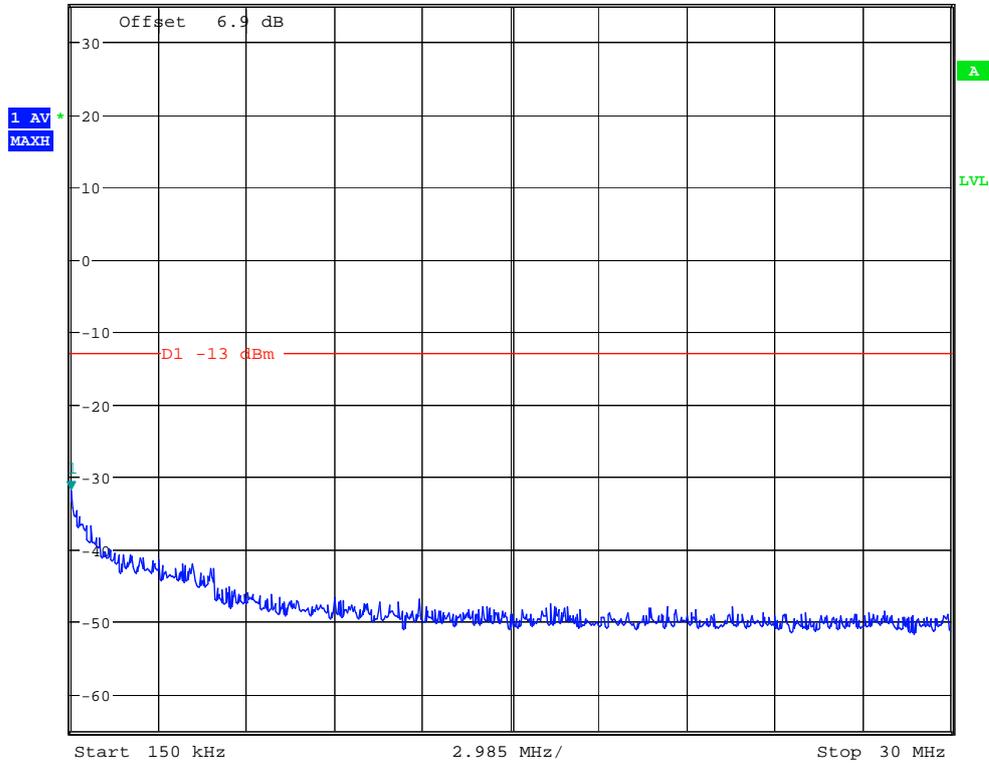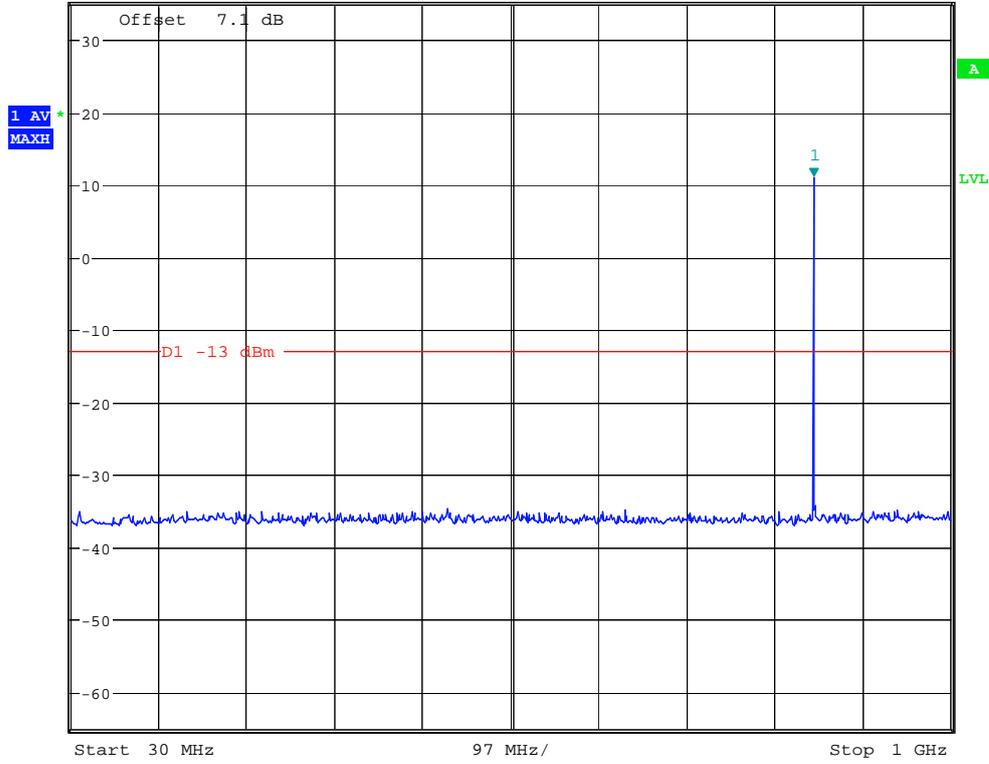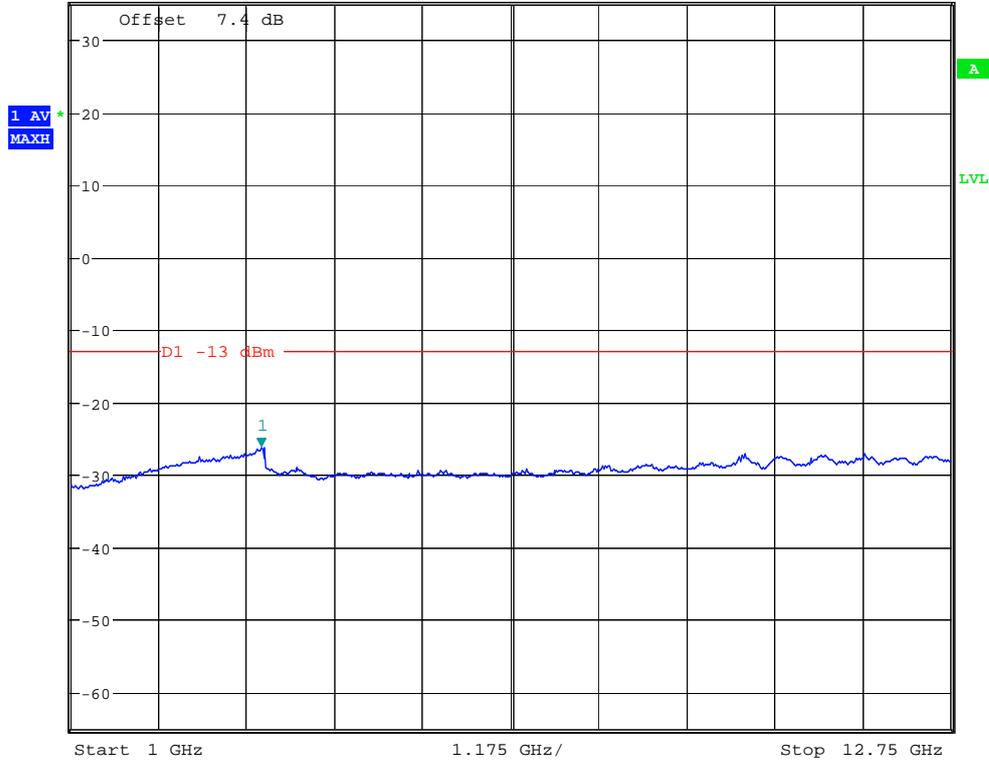


```
Start  150 kHz                2.985 MHz/              Stop  30 MHz
```

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