Appendix D

Spurious Emission at Antenna Terminal
According to FCC Part 2.1051 & 22.917

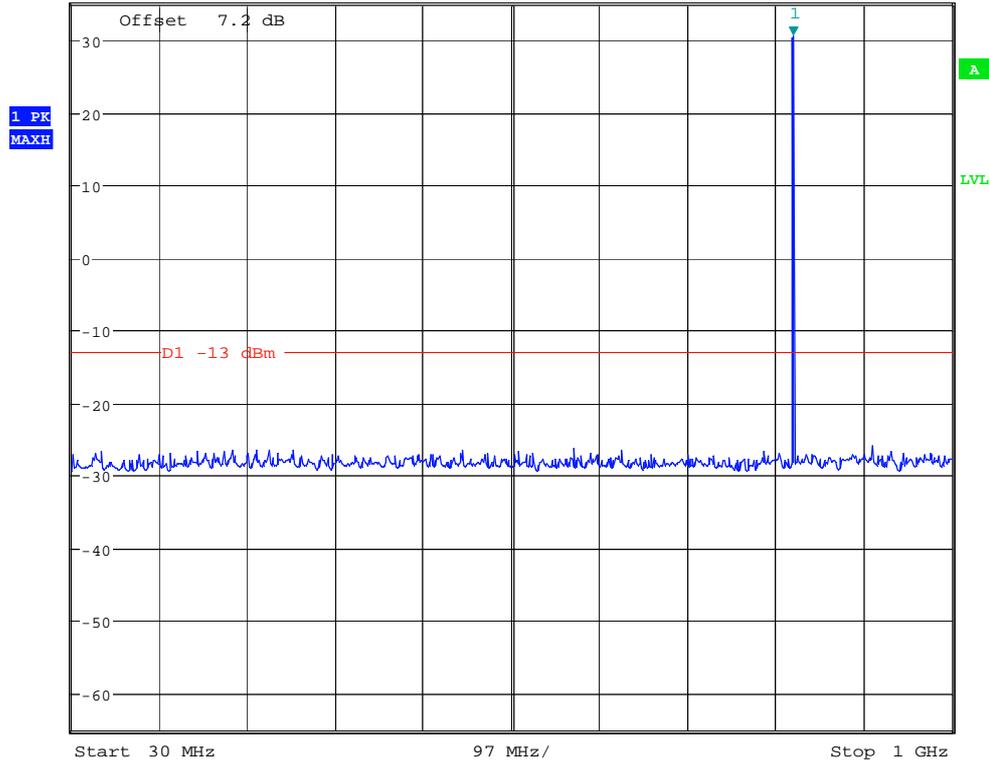Report No:
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TM1:GPRS/GSM

Channel 128

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Date: 5.DEC.2008 13:30:39

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```
                                        * RBW 1 MHz        Marker 1 [T1 ]
                                        * VBW 3 MHz                 -15.72 dBm
        Ref  35 dBm            Att  55 dB    SWT 70 ms       3.485576923 GHz
```
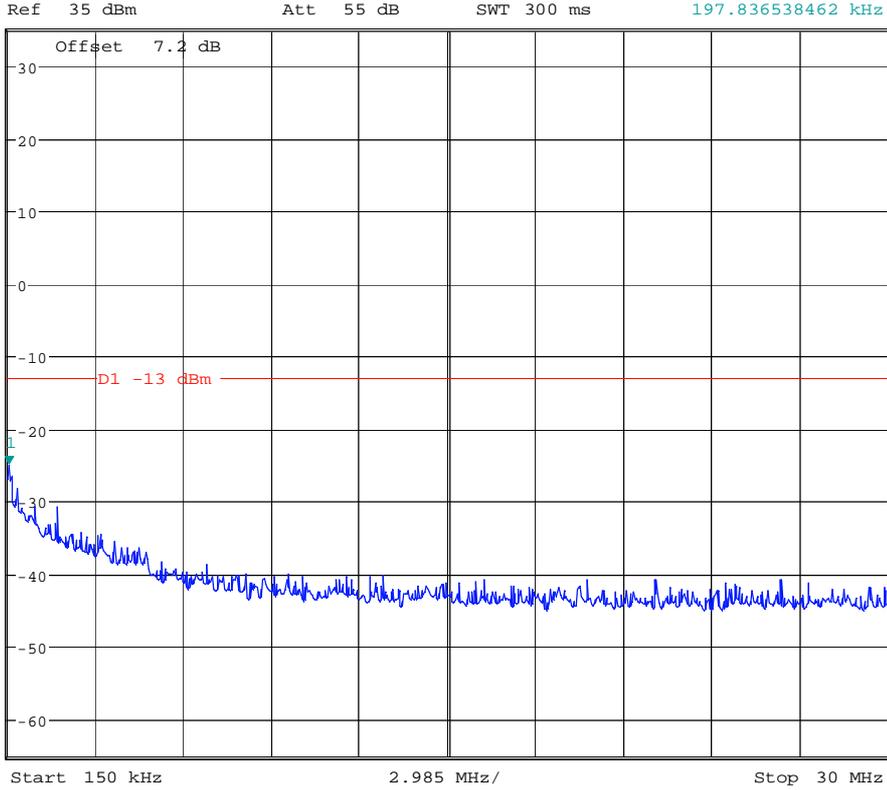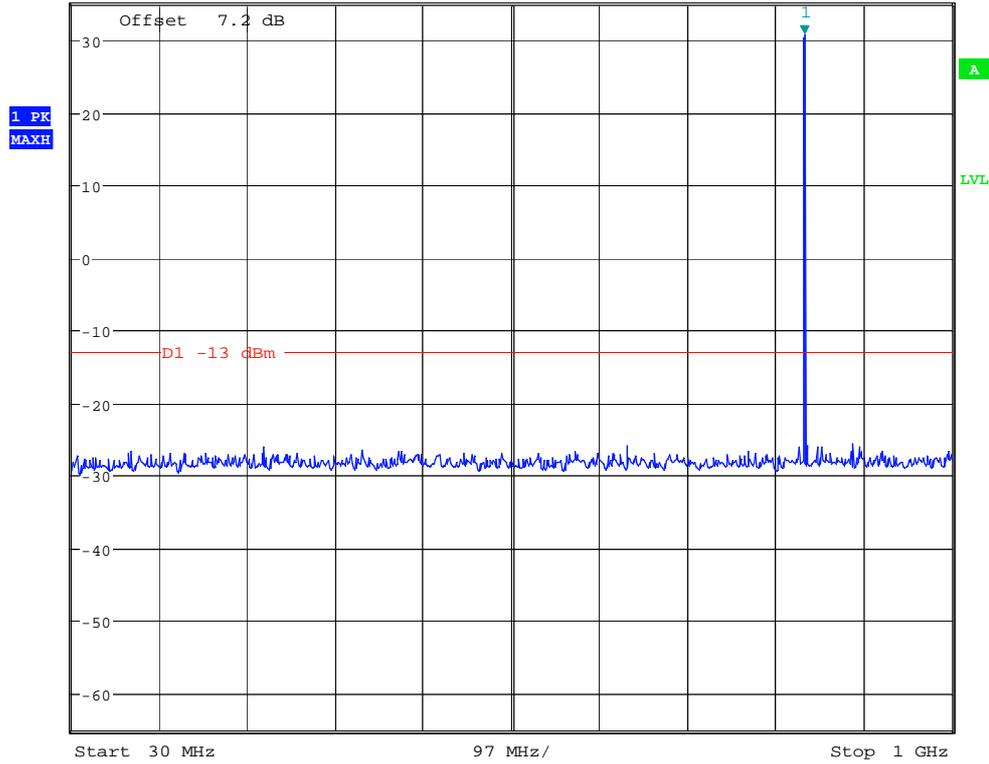
Date: 5.DEC.2008 13:32:08

Channel 192


```
                                              * RBW  1 kHz        Marker 1 [T1 ]
                                              * VBW  10 kHz                -32.57 dBm
         Ref   35 dBm          Att   55 dB      SWT  145 ms       17.134615385 kHz

           Offset   7.2 dB
        -30
                                                                                    A

1 PK    -20
MAXH
                                                                                    LVL
        -10


          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  1 MHz      Marker 1 [T1 ]
                                    * VBW  3 MHz            -15.33 dBm
           Ref   35 dBm        Att   55 dB   SWT  70 ms    3.579727564 GHz
```
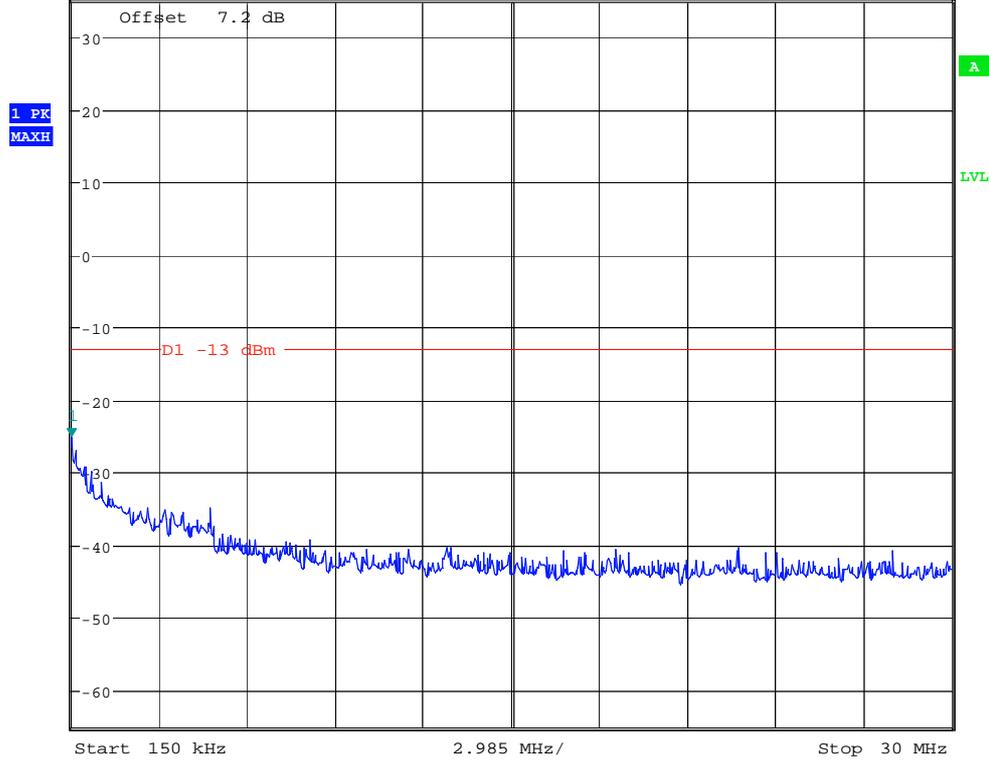
Date: 5.DEC.2008 13:32:22

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Channel 251

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```
                                    * RBW  10 kHz       Marker 1 [T1 ]
                                    * VBW  30 kHz               -25.18 dBm
        Ref  35 dBm          Att  55 dB    SWT 300 ms    150.000000000 kHz
```

Offset 7.2 dB

D1 -13 dBm

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

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```
                                    * RBW  100 kHz      Marker 1 [T1 ]
                                    * VBW  300 kHz                 30.42 dBm
          Ref  35 dBm        Att  55 dB    SWT  100 ms      849.214743590 MHz
```

Offset   7.2 dB

1 PK
MAXH

D1 -13 dBm

A

LVL

Start 30 MHz   97 MHz/   Stop 1 GHz

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TM2:EDGE
Channel 128

Date: 5.DEC.2008 13:35:19

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```
                                              * RBW  100 kHz      Marker 1 [T1 ]
                                              * VBW  300 kHz                26.44 dBm
            Ref  35 dBm              Att  55 dB   SWT  100 ms      825.897435897 MHz
```



```
Start  30 MHz                    97 MHz/                    Stop  1 GHz
```

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```
                                    * RBW  1 MHz        Marker 1 [T1 ]
                                    * VBW  3 MHz                  -14.93 dBm
         Ref  35 dBm        Att  55 dB    SWT 70 ms      3.504407051 GHz

           Offset  7.3 dB
        -30                                                              A
  1 PK
  MAXH  -20
                                                                        LVL
        -10

          0

        -10
          D1 -13 dBm
        -20
        -30
        -40
        -50
        -60
         Start  1 GHz        1.175 GHz/        Stop  12.75 GHz
```

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Channel 192

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	* RBW 10 kHz	Marker 1 [T1]	
	* VBW 30 kHz		−24.94 dBm
Ref 35 dBm	Att 55 dB	SWT 300 ms	150.000000000 kHz

Offset 7.2 dB

A

1 PK
MAXH

LVL

D1 −13 dBm

Start 150 kHz   2.985 MHz/   Stop 30 MHz

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```
                                    * RBW  100 kHz      Marker 1 [T1 ]
                                    * VBW  300 kHz              26.46 dBm
          Ref  35 dBm        Att  55 dB    SWT  100 ms    838.333333333 MHz

            Offset  7.2 dB
```

Start 30 MHz   97 MHz/   Stop 1 GHz

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Channel 251


```
                                          * RBW  1 kHz        Marker 1 [T1 ]
                                          * VBW 10 kHz              -31.96 dBm
     Ref   35 dBm          Att  55 dB       SWT 145 ms       10.581730769 kHz
```

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```
                                    * RBW  100 kHz      Marker 1 [T1 ]
                                    * VBW  300 kHz              25.22 dBm
        Ref   35 dBm        Att  55 dB   SWT 100 ms    849.214743590 MHz

        Offset   7.2 dB
  30

  20
1 PK
MAXH
  10

  0

 -10
       D1 -13 dBm

 -20

 -30

 -40

 -50

 -60

  Start 30 MHz              97 MHz/           Stop  1 GHz
```

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TM3:HSDPA/WCDMA
Channel 4132

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```
                                    * RBW  10 kHz       Marker 1 [T1 ]
                                    * VBW  30 kHz                 -32.03 dBm
        Ref   35 dBm        Att   55 dB    SWT 300 ms    150.000000000 kHz

          Offset   7.2 dB                                                    A

       -30
                                                                             LVL
    1 RM
    MAXH -20

       -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	9.17 dBm
Ref 35 dBm	Att 55 dB	SWT 100 ms	827.451923077 MHz

```
        Offset  7.2 dB
  -30
  -20    1 RM *
  MAXH
  -10                                                          1
   10                                                                    LVL
    0
  -10
  D1 -13 dBm
  -20
  -30
  -40
  -50
  -60
Start 30 MHz              97 MHz/                   Stop 1 GHz
```

Date: 5.DEC.2008 13:25:19

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```
                                      * RBW  1 MHz        Marker 1 [T1 ]
                                      * VBW  3 MHz                -25.63 dBm
         Ref  35 dBm          Att  55 dB    SWT 70 ms     3.560897436 GHz
```



```
Start  1 GHz                   1.175 GHz/                Stop  12.75 GHz
```

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Channel 4182


```
                                      * RBW  1 kHz      Marker 1 [T1 ]
                                      * VBW  10 kHz              -31.88 dBm
        Ref   35 dBm        Att   55 dB   SWT  145 ms    20.298076923 kHz
```

Offset 7.2 dB

1 RM
MAXH

D1 -13 dBm

Start 9 kHz   14.1 kHz/   Stop 150 kHz

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```
                                  * RBW  10 kHz      Marker 1 [T1 ]
                                  * VBW  30 kHz              -31.81 dBm
      Ref   35 dBm      Att  55 dB  SWT 300 ms      197.836538462 kHz
```



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

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```
                                    * RBW  100 kHz       Marker 1 [T1 ]
                                    * VBW  300 kHz                      8.90 dBm
         Ref   35 dBm        Att   55 dB     SWT  100 ms    838.333333333 MHz

              Offset   7.2 dB
          30                                                                    A

    1 RM    20                                                                  LVL
    MAXH
          10                                    1

           0

         -10
              D1 -13 dBm

         -20

         -30

         -40

         -50

         -60

         Start  30 MHz              97 MHz/              Stop  1 GHz
```

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```
                                        * RBW  1 MHz        Marker 1 [T1 ]
                                        * VBW  3 MHz                -25.62 dBm
         Ref   35 dBm           Att   55 dB    SWT  70 ms    3.560897436 GHz

            Offset   7.3 dB
          30

                                                                              A
          20
1 RM *
MAXH
          10                                                                LVL

           0

         -10
         D1 -13 dBm
         -20
                      1

         -40

         -50

         -60

         Start  1 GHz            1.175 GHz/            Stop  12.75 GHz
```

Date: 5.DEC.2008 13:26:18

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Channel 4233

Date: 5.DEC.2008 13:24:20

Report No:
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```
                                        * RBW  10 kHz      Marker 1 [T1 ]
                                        * VBW  30 kHz              -30.44 dBm
          Ref  35 dBm          Att  55 dB    SWT 300 ms     150.000000000 kHz

          Offset  7.2 dB
```

Date: 5.DEC.2008 13:25:04

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