



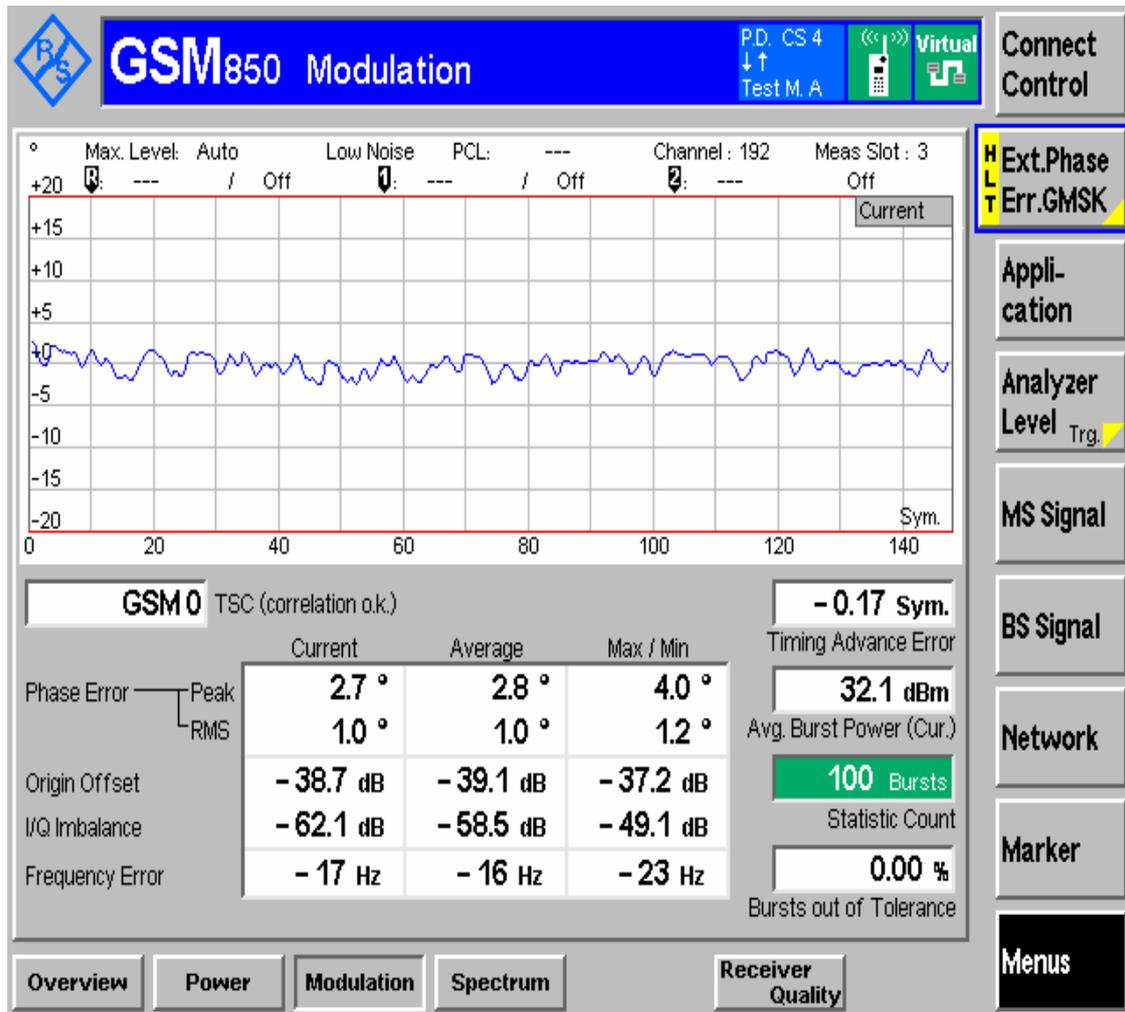
# Appendix A

## Modulation Characteristics

According to FCC Part 2.1047 & Part22 Subpart H

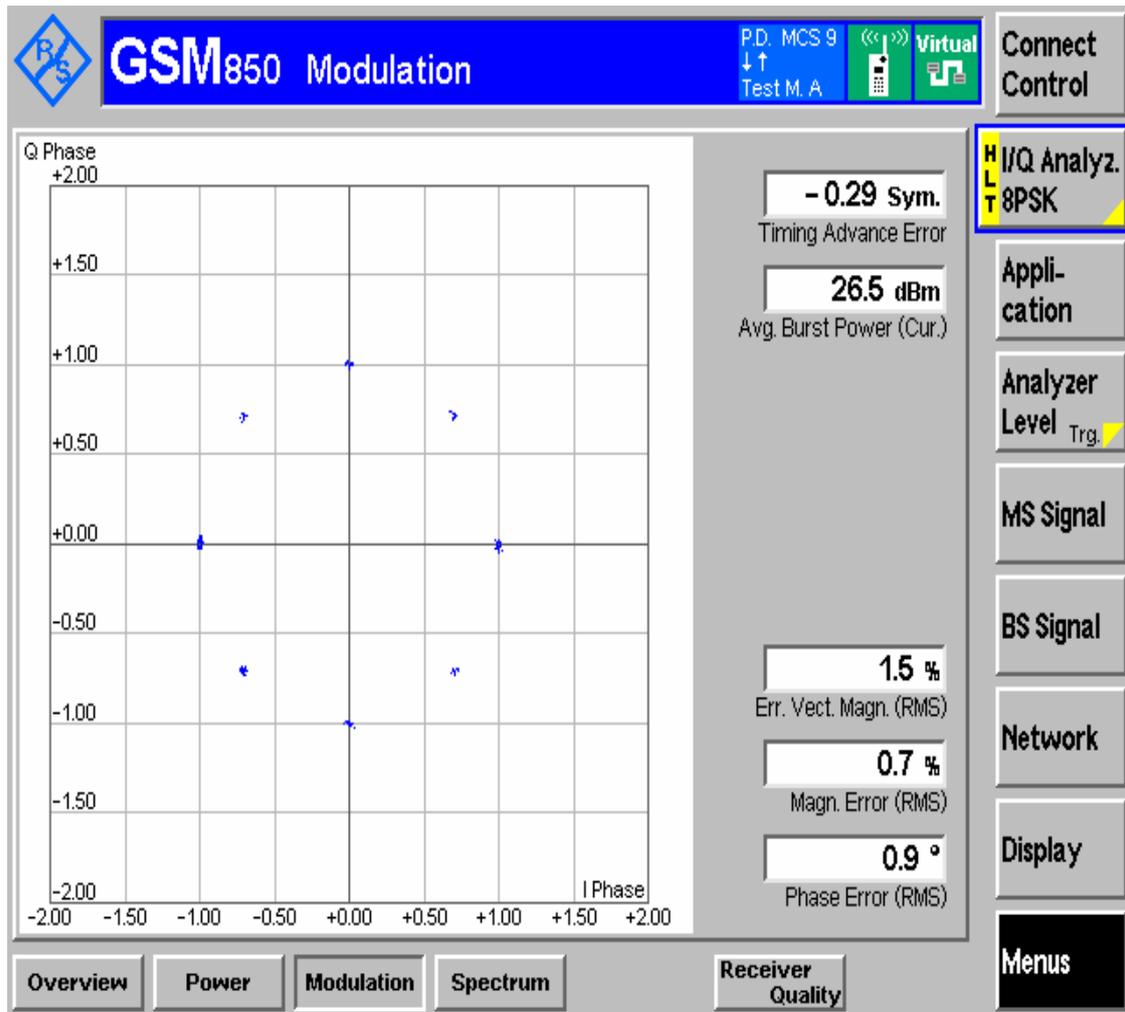


## Channel 192 (TM1:GPRS/GSM)



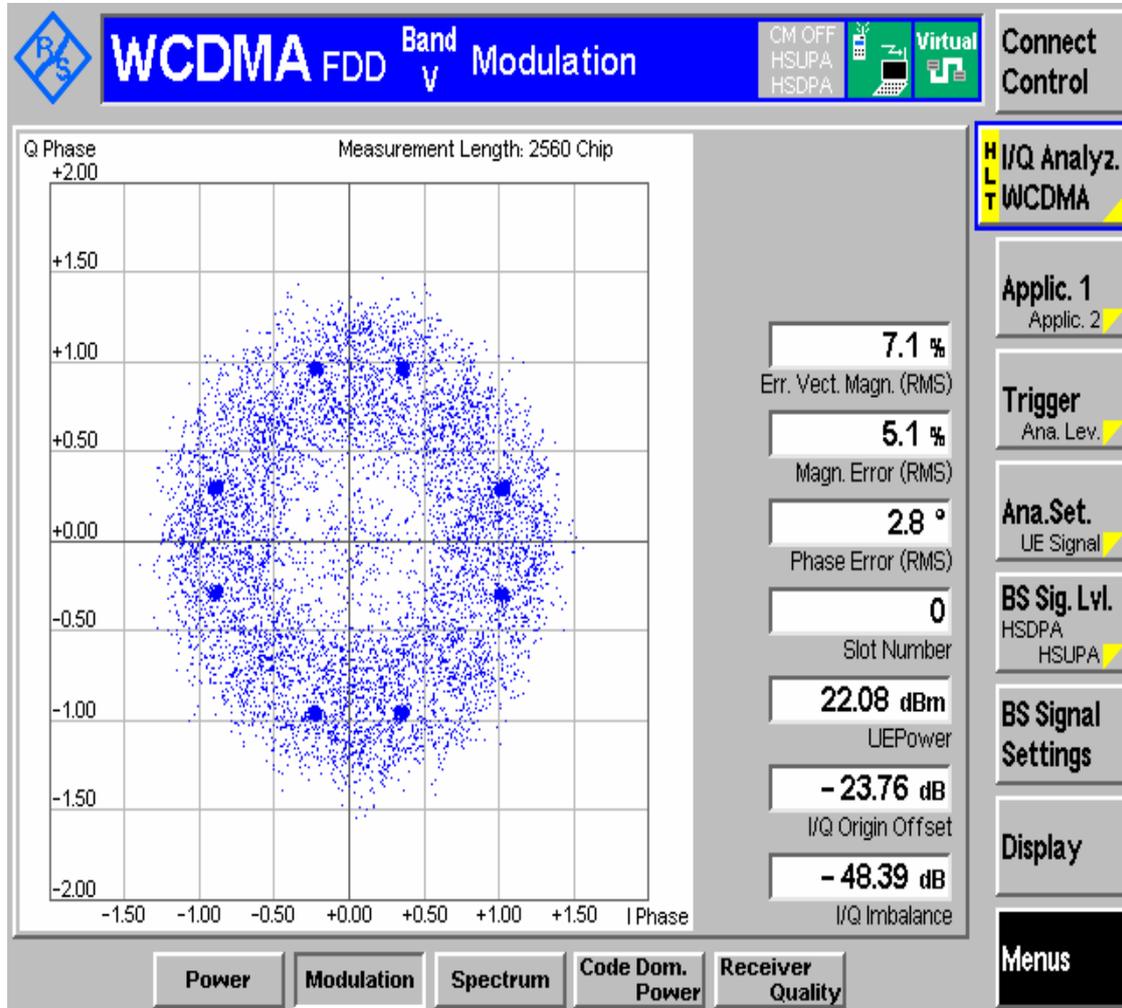


## Channel 192 (TM2:EDGE)





## Channel 4182 (TM3: WCDMA)





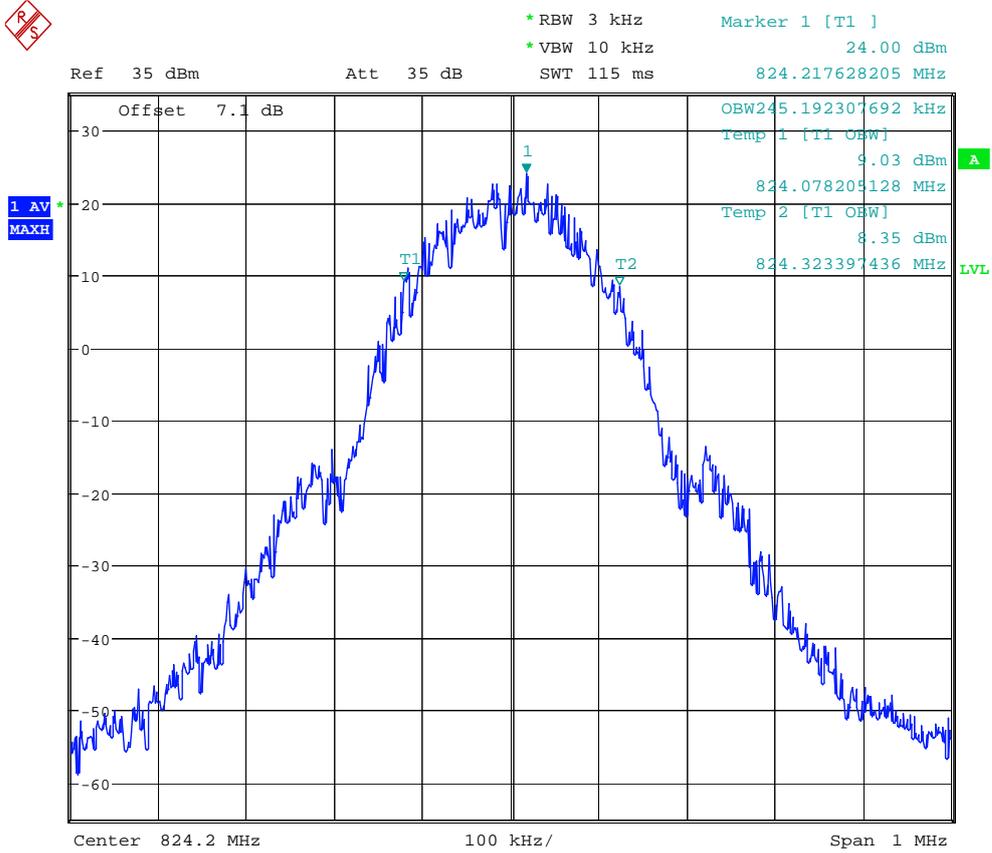
## Appendix B

# Occupied Bandwidth

According to FCC Part 2.1049 & Part 22 Subpart H



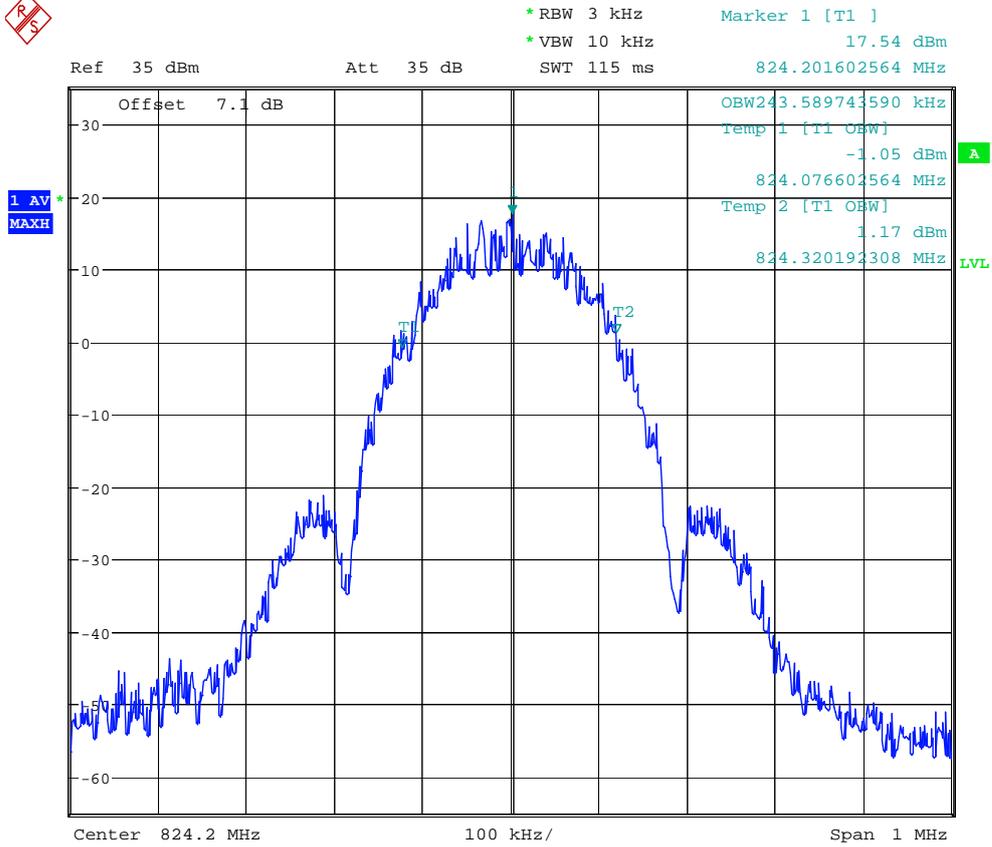
## Channel 128 (TM1:GPRS/GSM)



Date: 17.DEC.2010 13:22:19



## Channel 128 (TM2:EDGE)



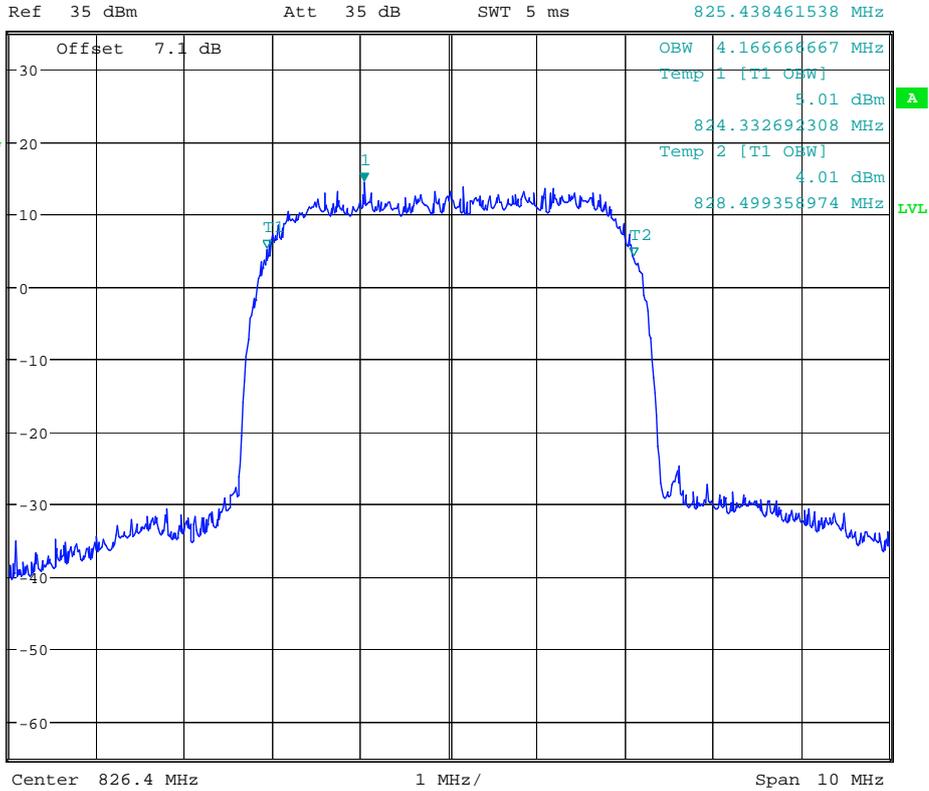
Date: 17.DEC.2010 13:27:46



## Channel 4132 (TM3: WCDMA)



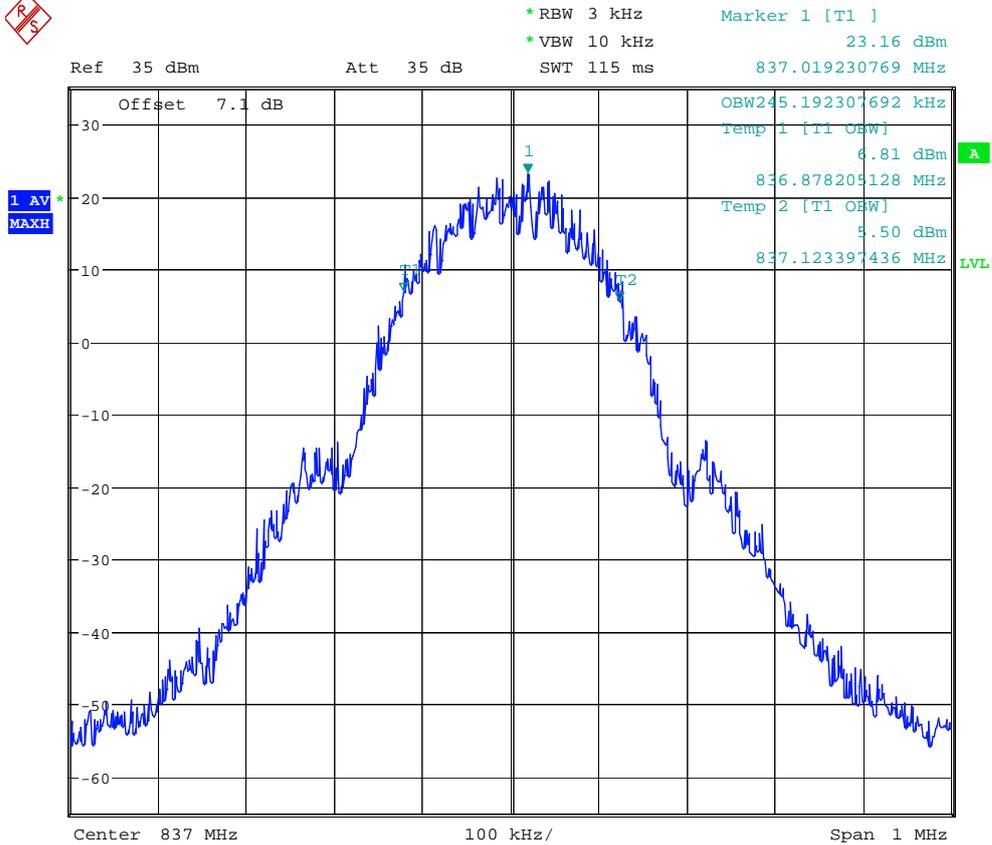
\*RBW 50 kHz      Marker 1 [T1 ]  
\*VBW 500 kHz      14.21 dBm  
SWT 5 ms      825.438461538 MHz



Date: 17.DEC.2010 13:32:20



## Channel 192 (TM1:GPRS/GSM)



Date: 17.DEC.2010 13:22:33





## Channel 4182 (TM3: WCDMA)



\* RBW 50 kHz  
\* VBW 500 kHz  
SWT 5 ms

Marker 1 [T1]

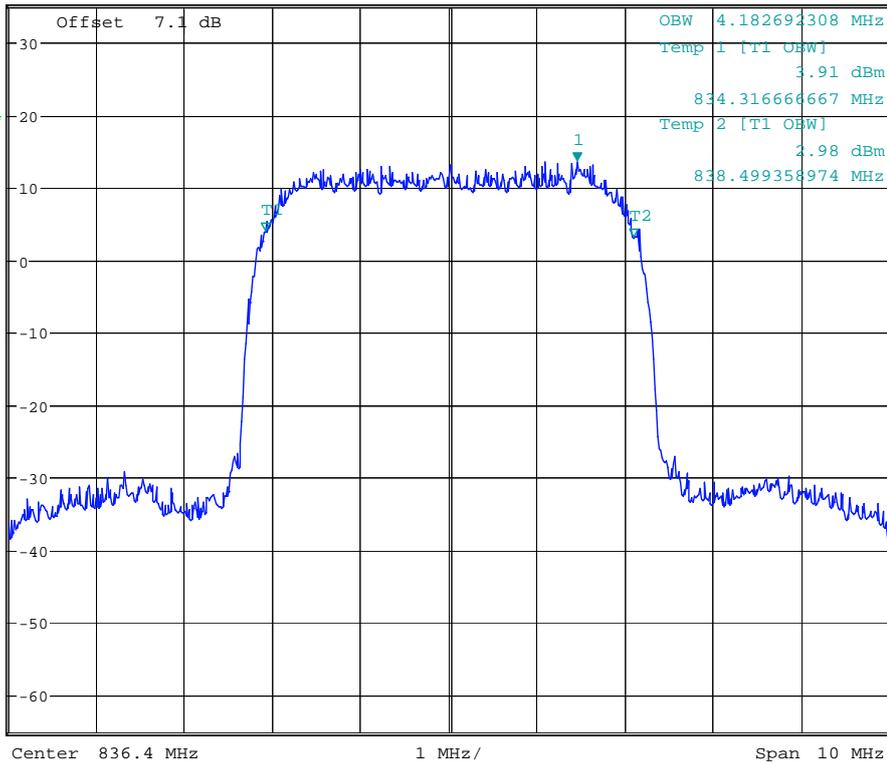
13.55 dBm

837.858333333 MHz

Ref 35 dBm

Att 35 dB

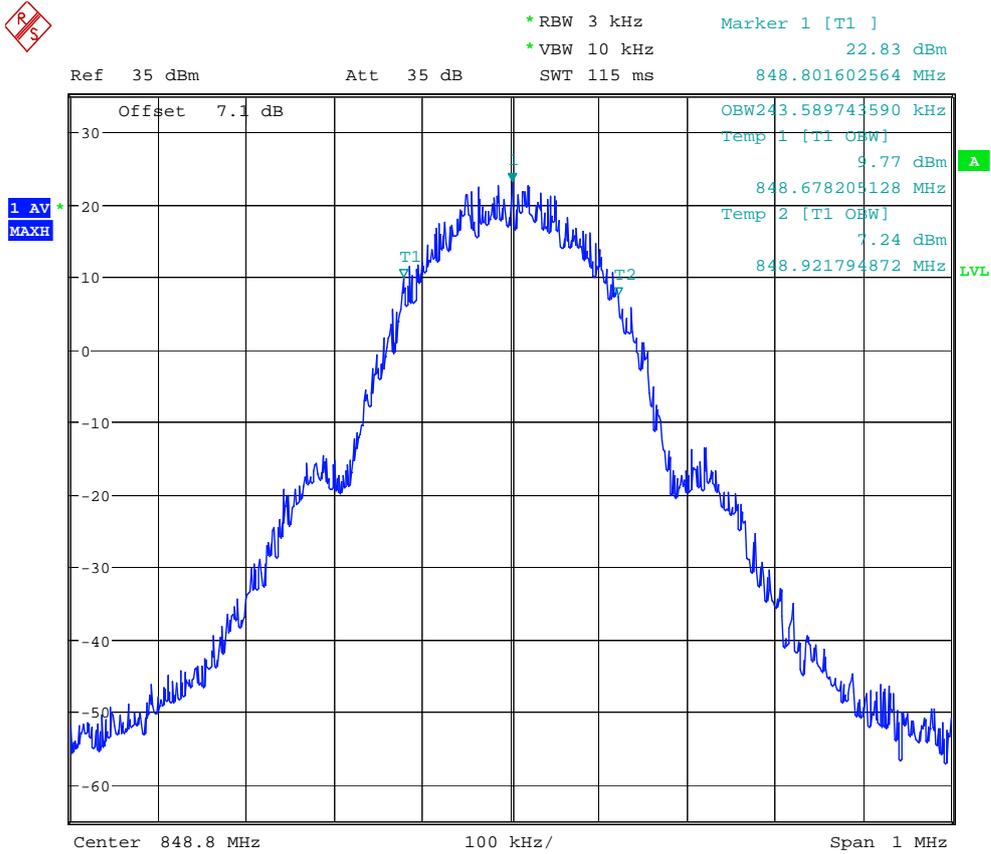
SWT 5 ms



Date: 17.DEC.2010 13:32:33



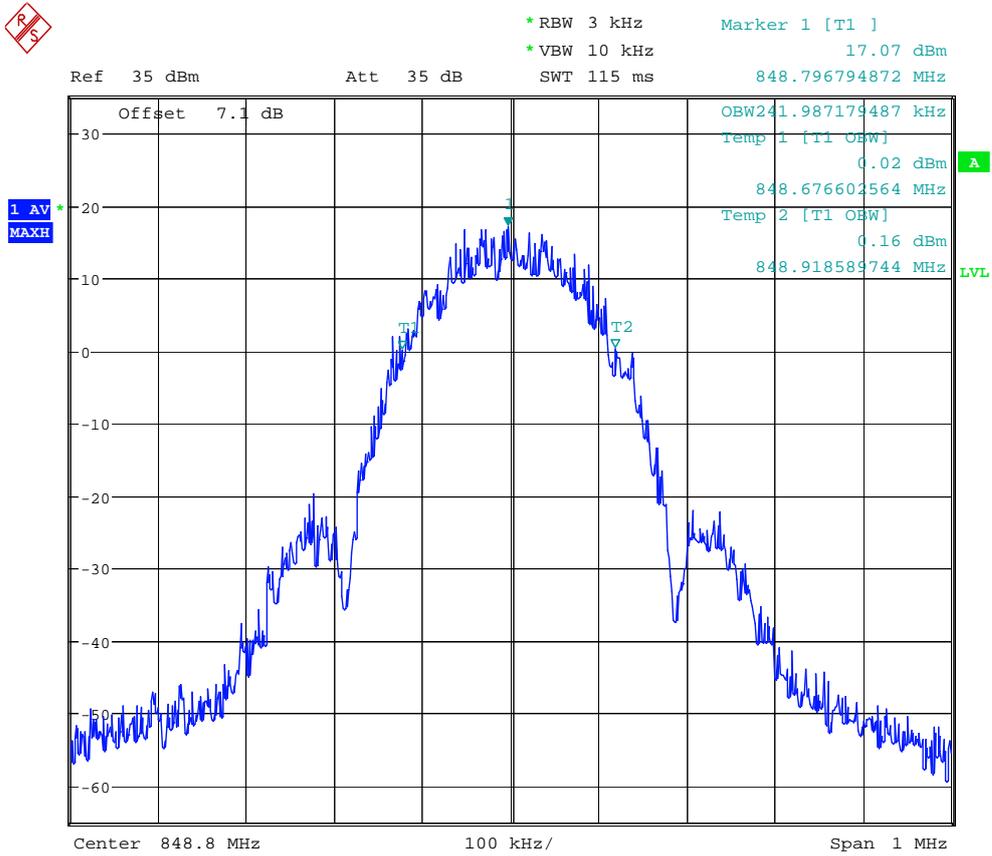
## Channel 251 (TM1:GPRS/GSM)



Date: 17.DEC.2010 13:22:47

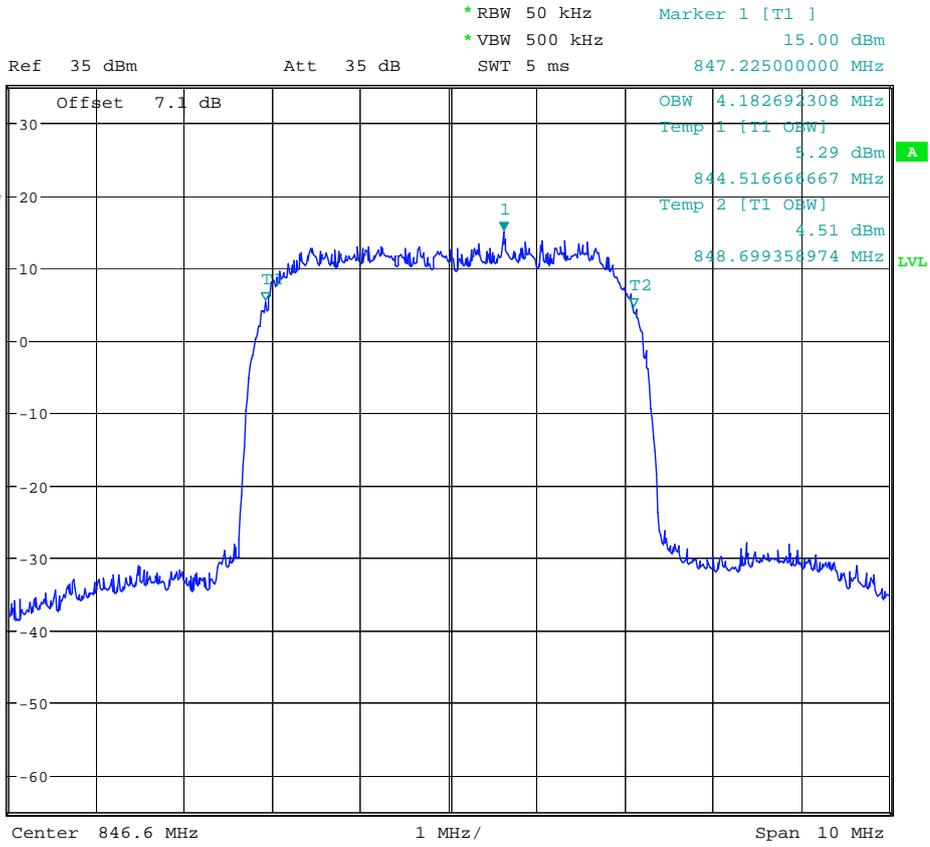


## Channel 251 (TM2:EDGE)



Date: 17.DEC.2010 13:28:13

## Channel 4233 (TM3: WCDMA)



Date: 17.DEC.2010 13:32:47



## Appendix C

### Band Edges Compliance

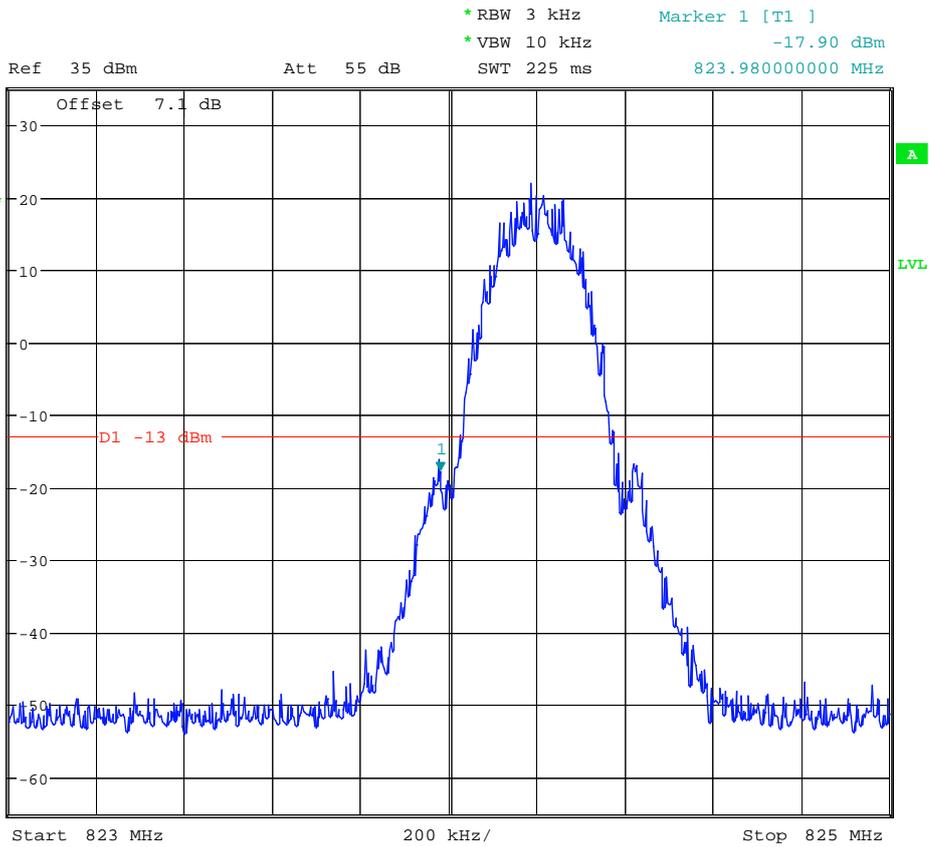
According to FCC Part 2.1051 & Part 22 Subpart H



# TM1:GPRS/GSM

## Left Edge

### Channel 128



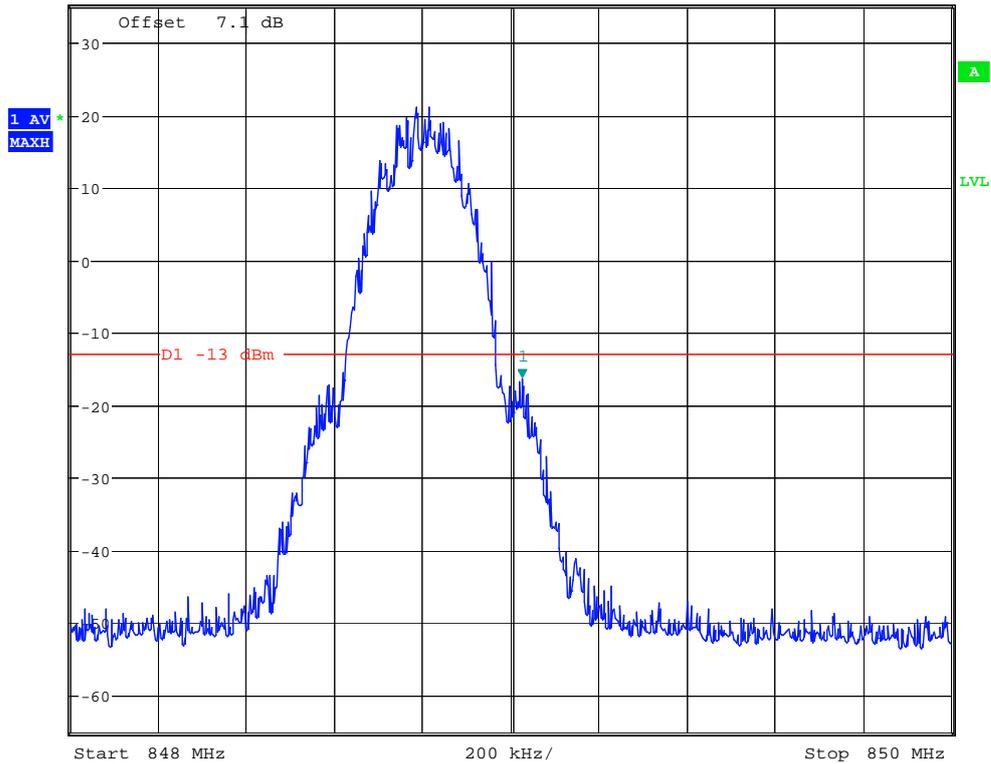
Date: 17.DEC.2010 13:25:55



## Right Edge Channel 251



Ref 35 dBm      Att 55 dB      RBW 3 kHz      Marker 1 [T1]      -16.36 dBm  
\*RBW 3 kHz      \*VBW 10 kHz      SWT 225 ms      849.025000000 MHz



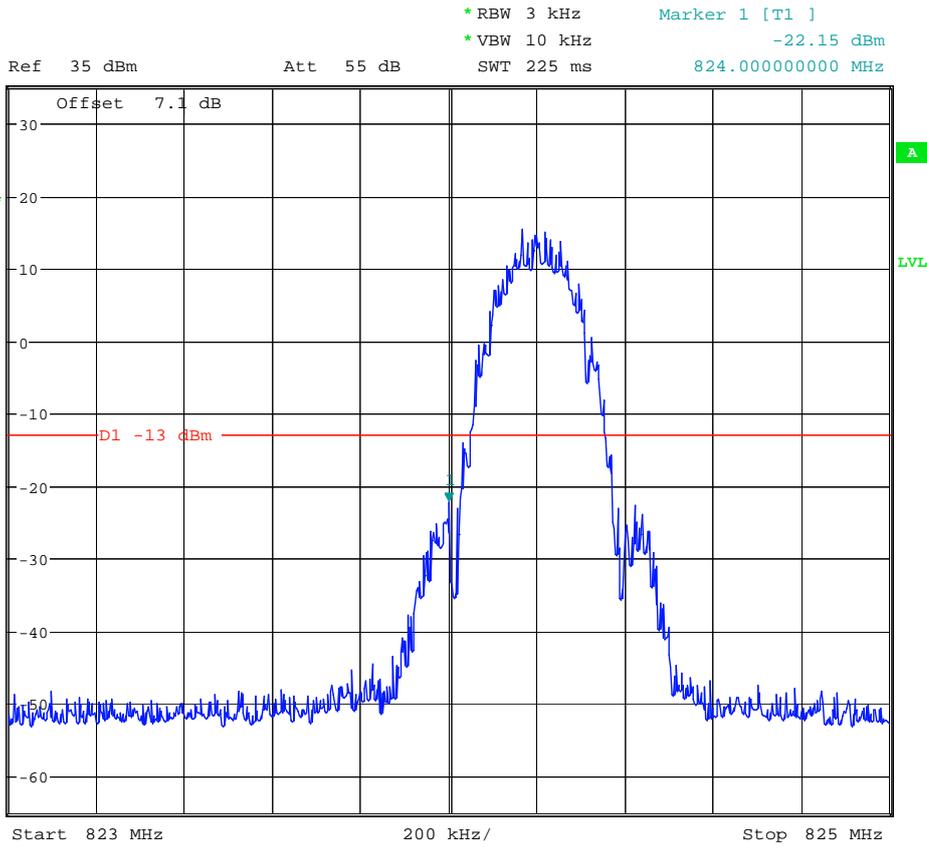
Date: 17.DEC.2010 13:26:09



# TM2:EDGE

## Left Edge

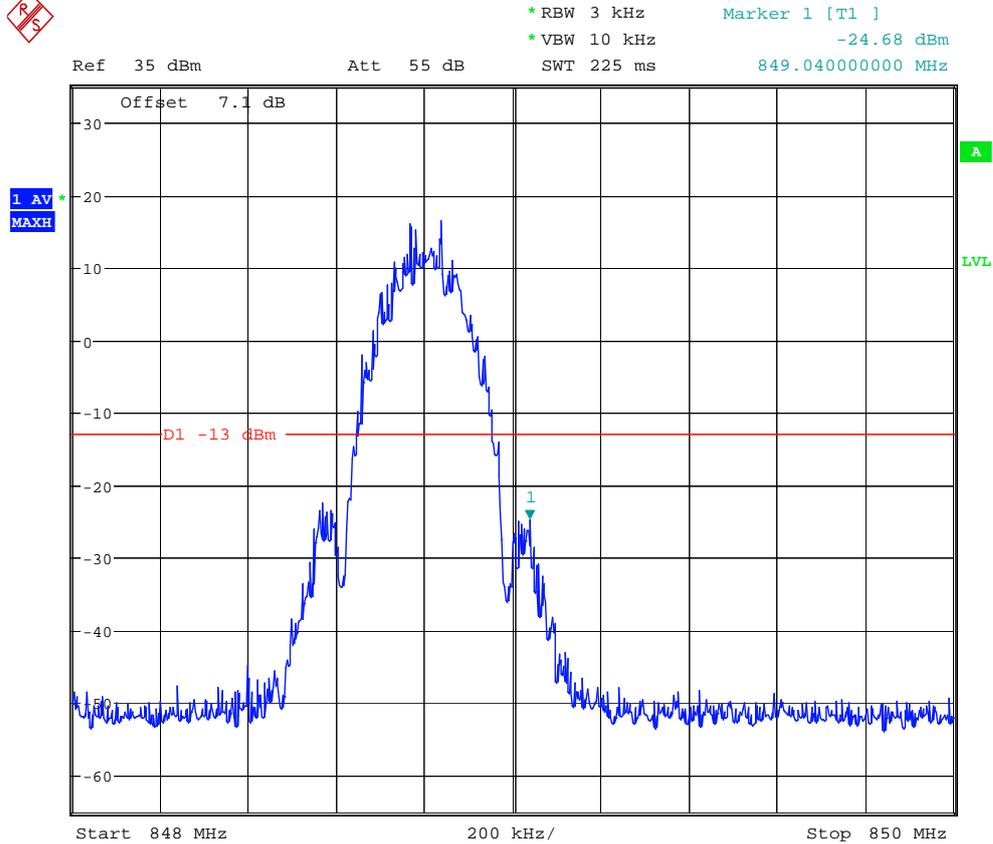
### Channel 128



Date: 17.DEC.2010 13:27:18



## Right Edge Channel 251



Date: 17.DEC.2010 13:27:32



# TM3: WCDMA

## Left Edge

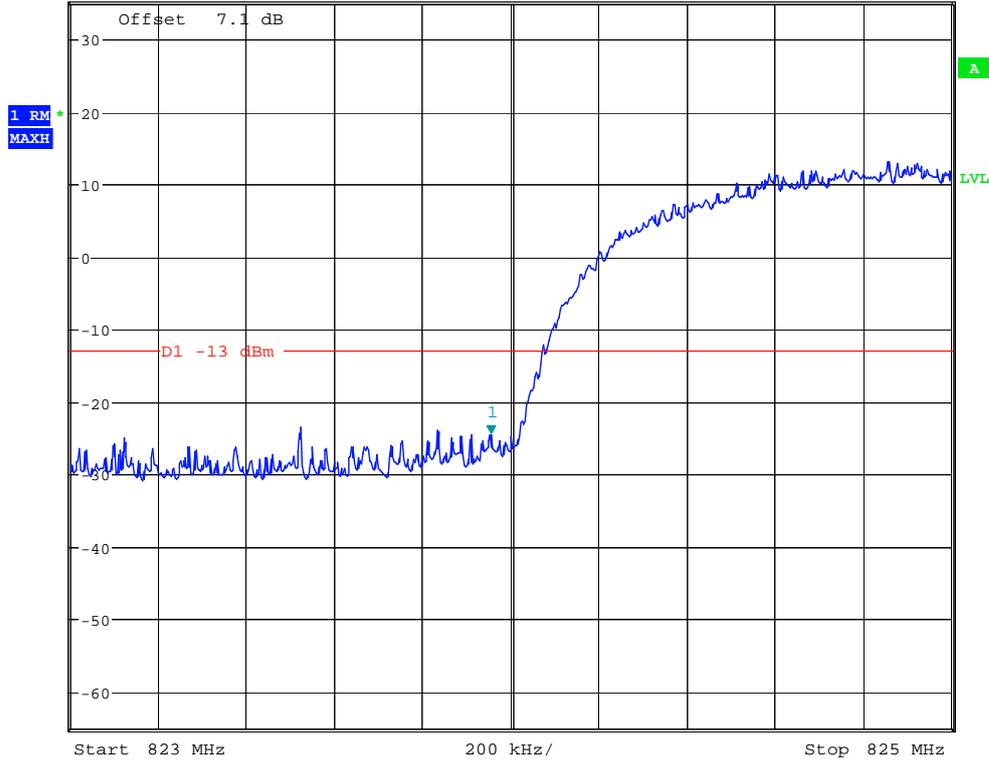
### Channel 4132



\* RBW 50 kHz  
\* VBW 200 kHz  
SWT 2.5 ms

Marker 1 [T1 ]  
-24.55 dBm  
823.955000000 MHz

Ref 35 dBm      Att 55 dB



Date: 17.DEC.2010 13:33:01

## Right Edge

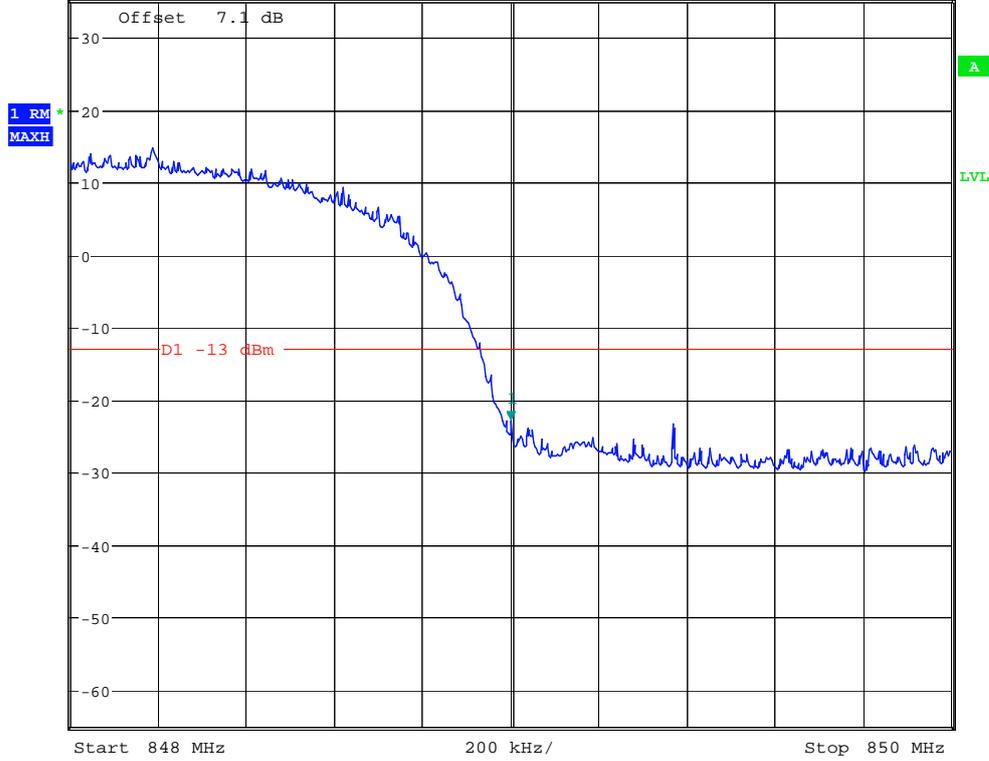


### Channel 4233



\*RBW 50 kHz      Marker 1 [T1 ]  
\*VBW 200 kHz      -22.84 dBm  
849.000000000 MHz

Ref 35 dBm      Att 55 dB      SWT 2.5 ms



Date: 17.DEC.2010 13:33:15



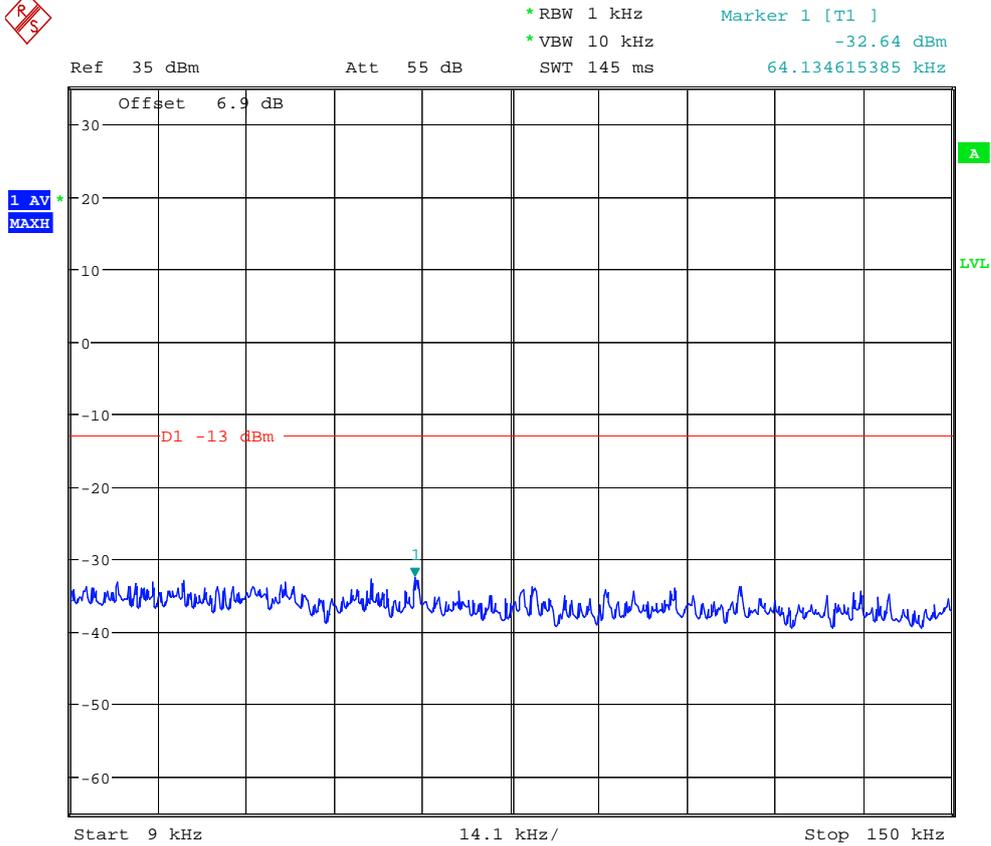
## Appendix D

# Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & Part 22 Subpart H



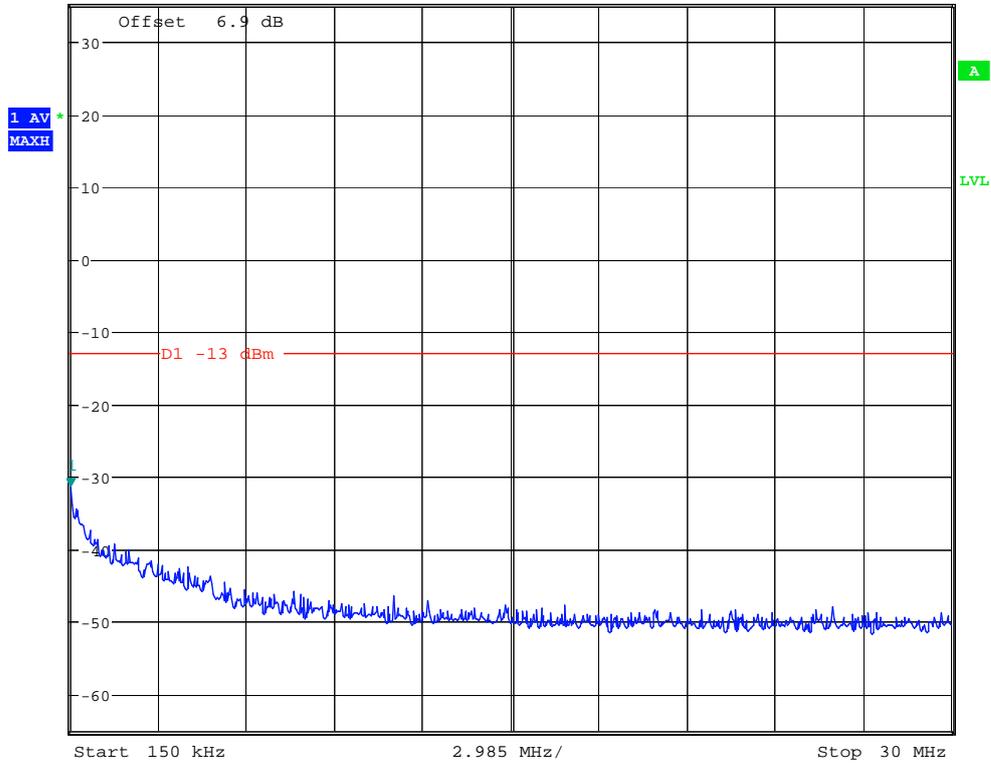
# TM1:GPRS/GSM Channel 128



Date: 17.DEC.2010 13:23:01



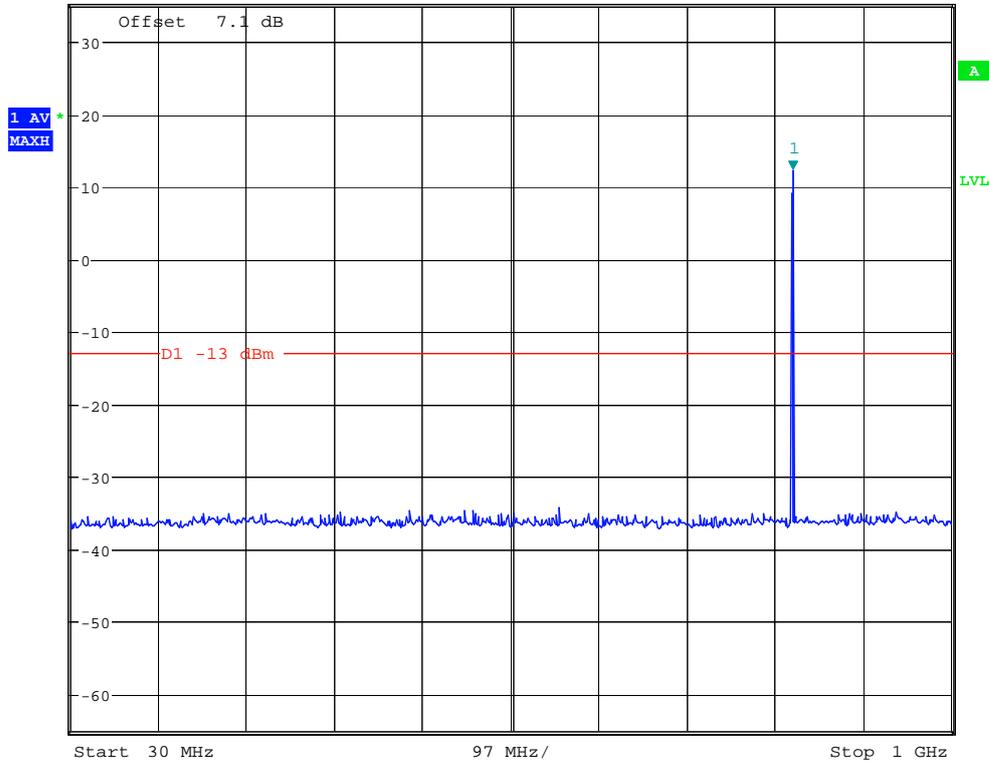
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -31.39 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      150.000000000 kHz



Date: 17.DEC.2010 13:23:45



\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      12.29 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      825.897435897 MHz

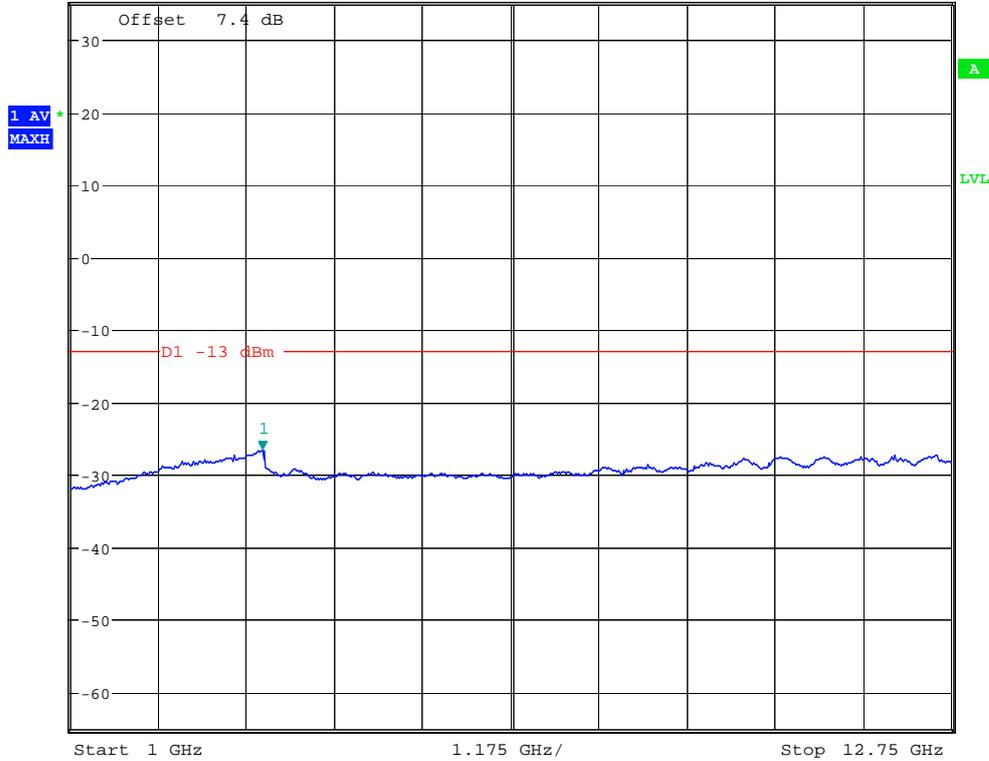


Date: 17.DEC.2010 13:24:28



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.58 dBm  
3.560897436 GHz

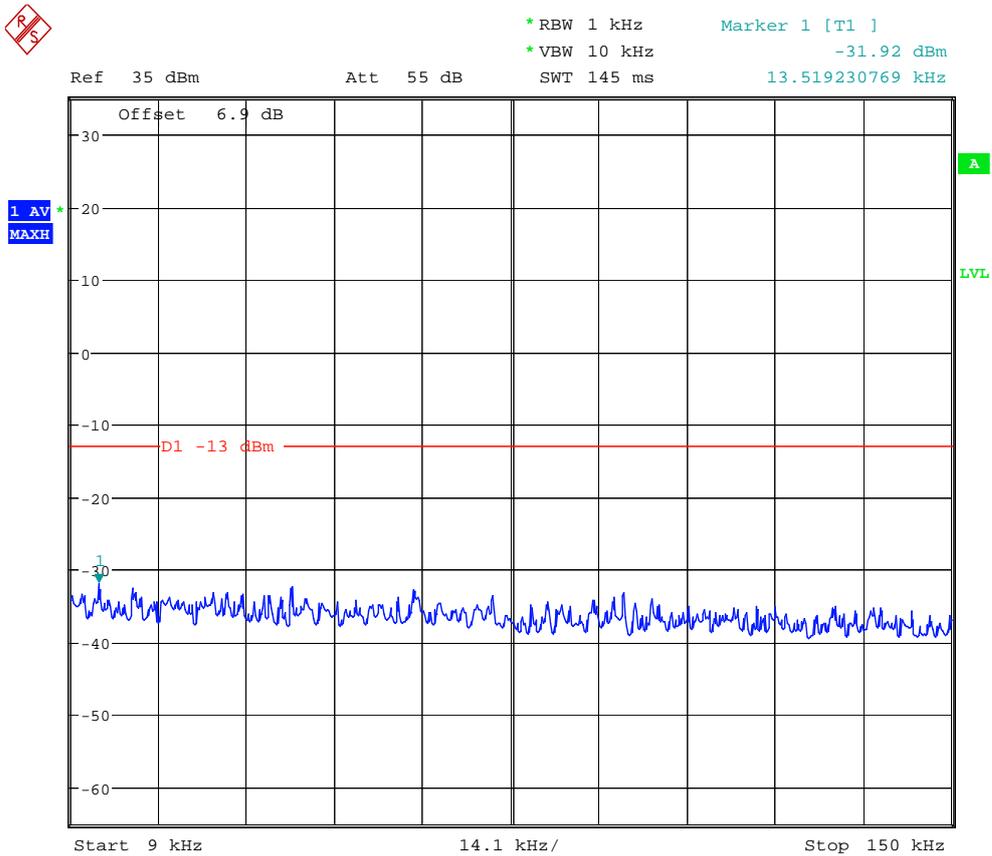
Ref 35 dBm      Att 55 dB      SWT 70 ms



Date: 17.DEC.2010 13:25:12



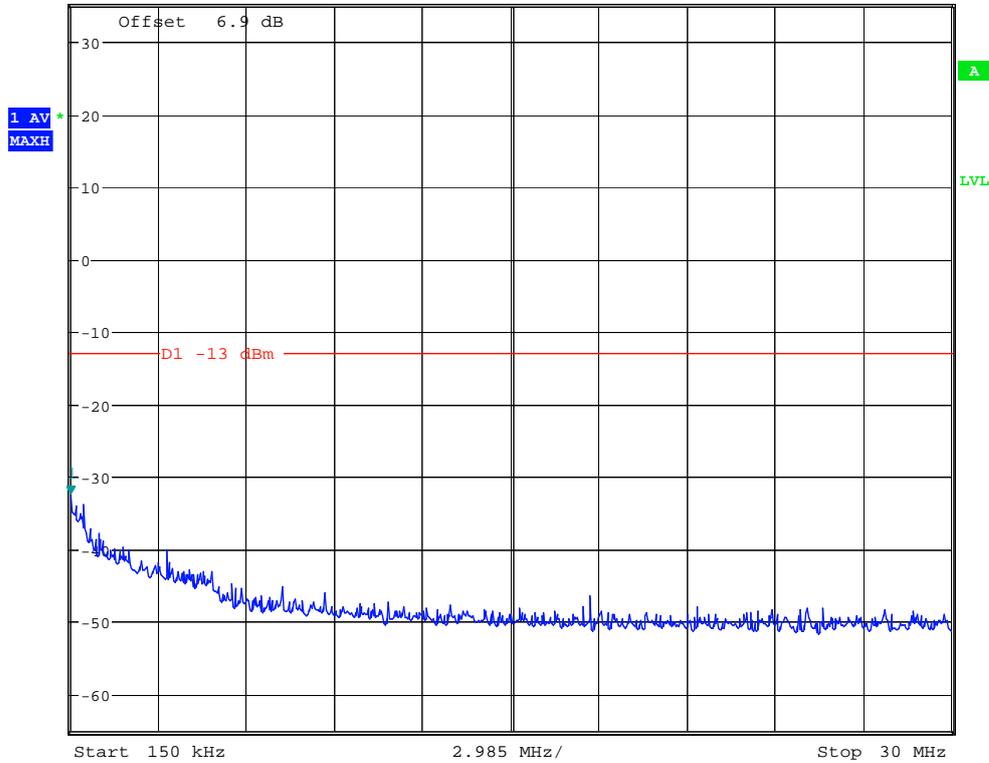
# Channel 192



Date: 17.DEC.2010 13:23:16



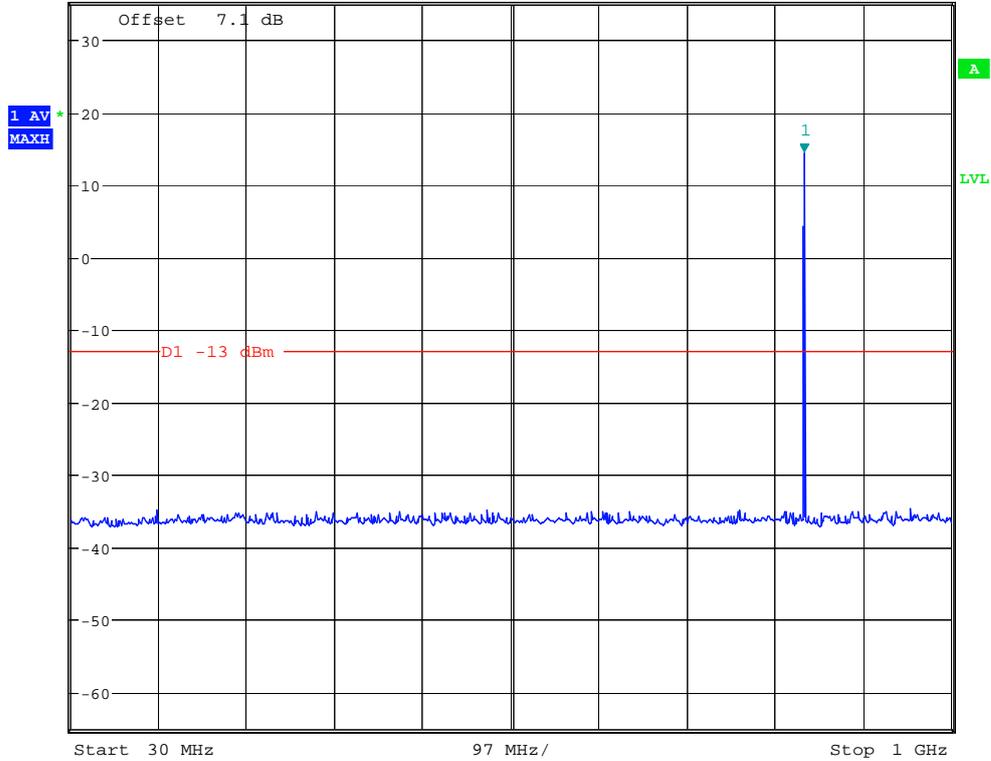
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -32.53 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      150.00000000 kHz



Date: 17.DEC.2010 13:23:59



\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      14.28 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      838.333333333 MHz

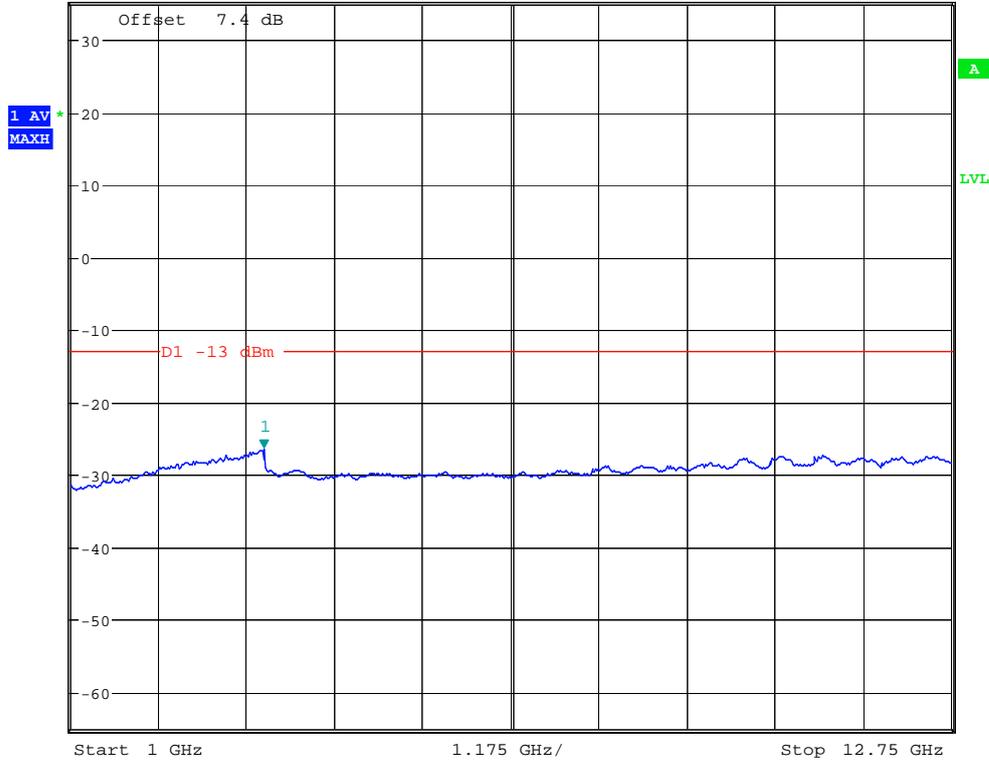


Date: 17.DEC.2010 13:24:43



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.43 dBm  
3.579727564 GHz

Ref 35 dBm      Att 55 dB      SWT 70 ms



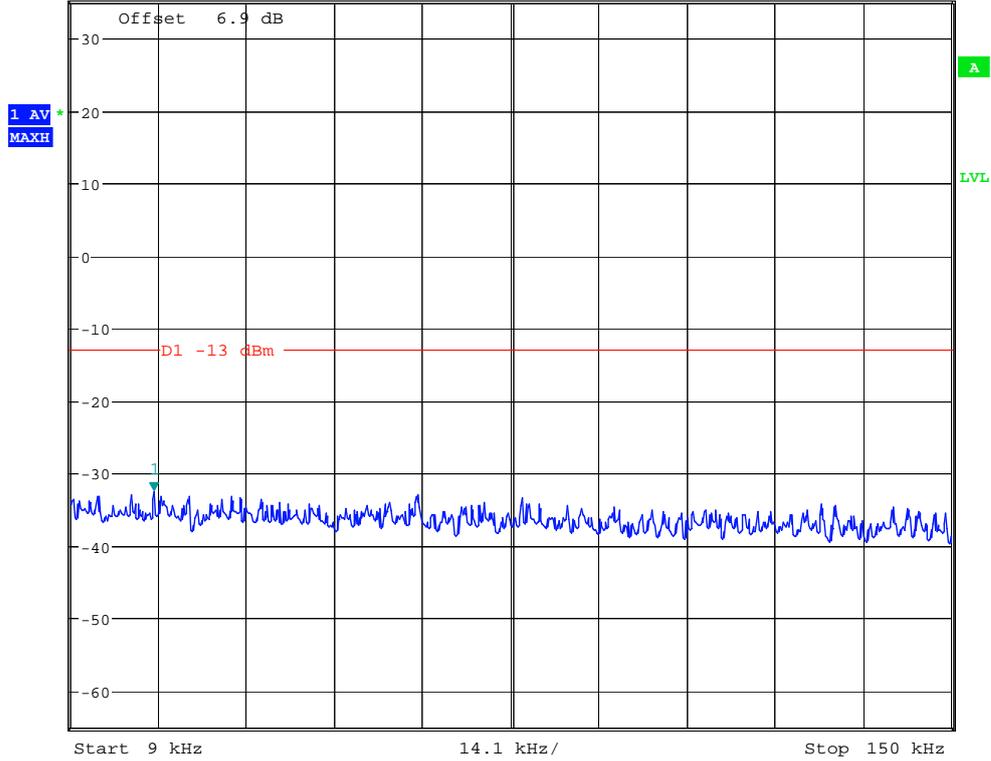
Date: 17.DEC.2010 13:25:26



# Channel 251



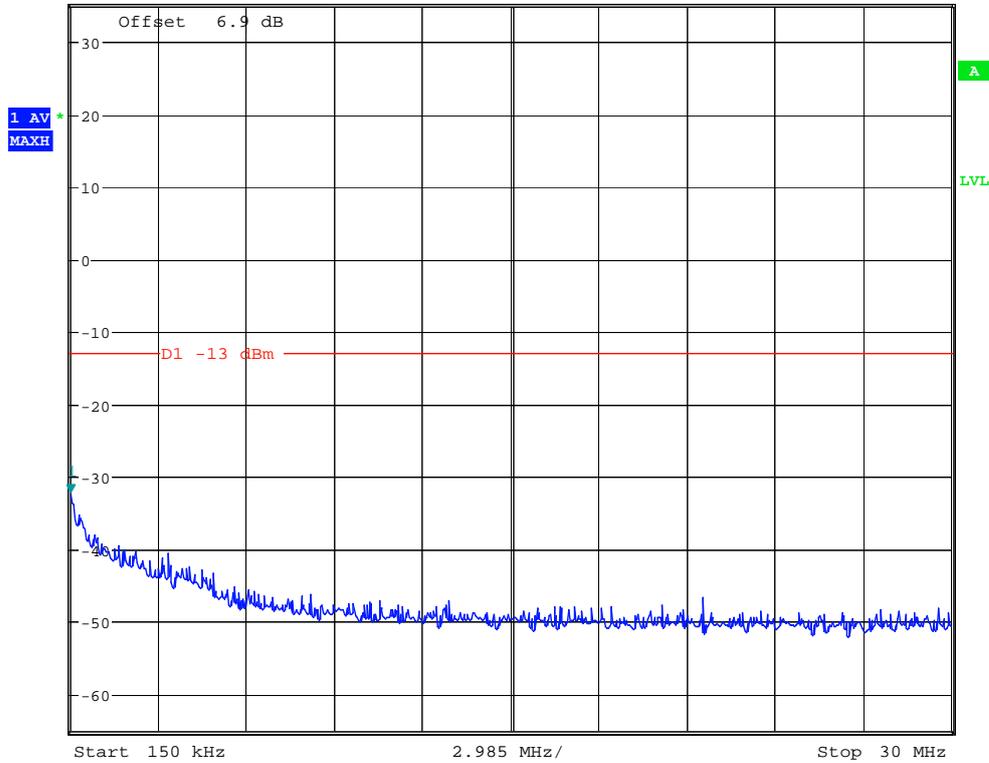
Ref 35 dBm      Att 55 dB      \* RBW 1 kHz      Marker 1 [T1]      \* VBW 10 kHz      -32.57 dBm  
SWT 145 ms      22.331730769 kHz



Date: 17.DEC.2010 13:23:30



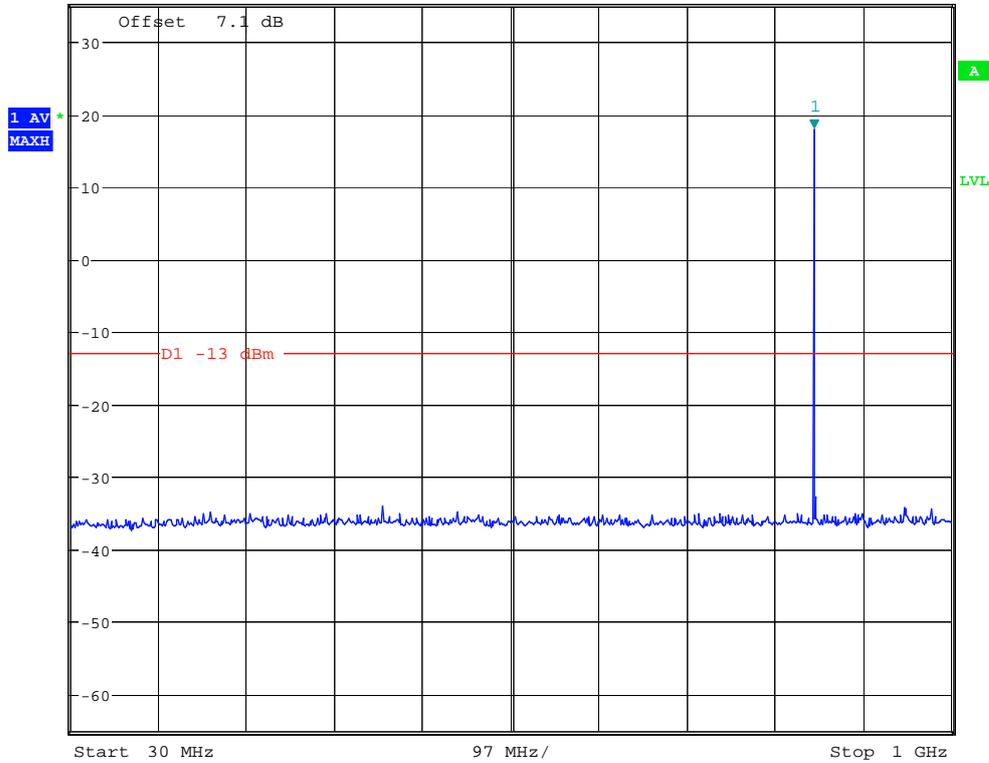
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -32.28 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      150.00000000 kHz



Date: 17.DEC.2010 13:24:14



\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      17.81 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      849.214743590 MHz

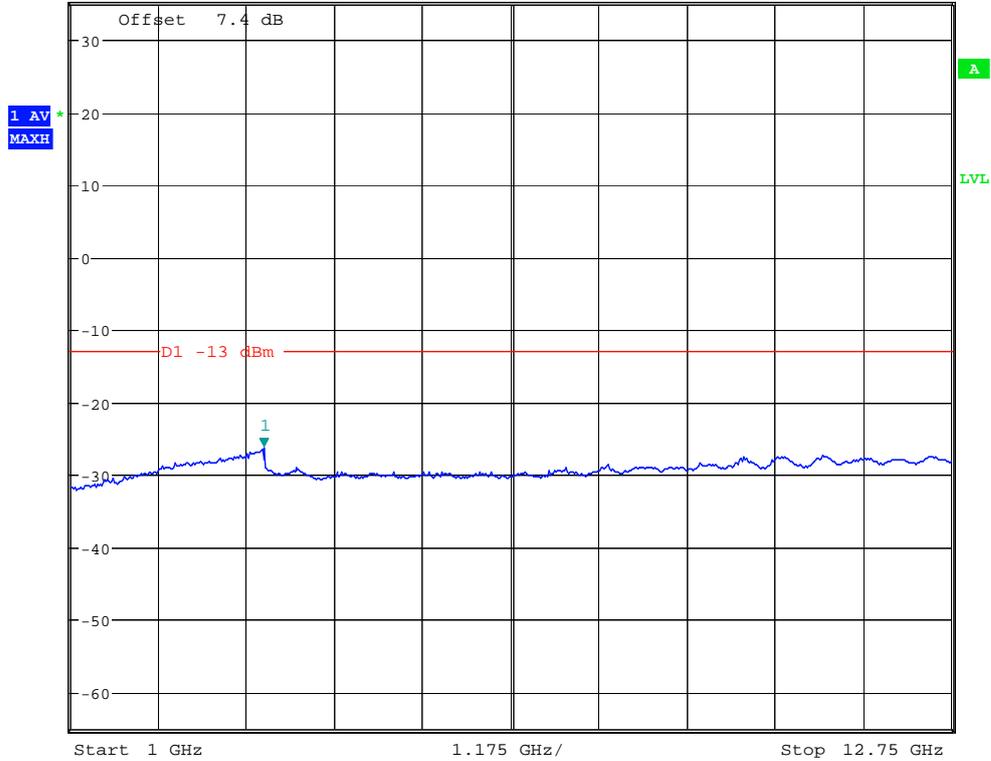


Date: 17.DEC.2010 13:24:57



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.29 dBm  
3.579727564 GHz

Ref 35 dBm      Att 55 dB      SWT 70 ms



Date: 17.DEC.2010 13:25:41

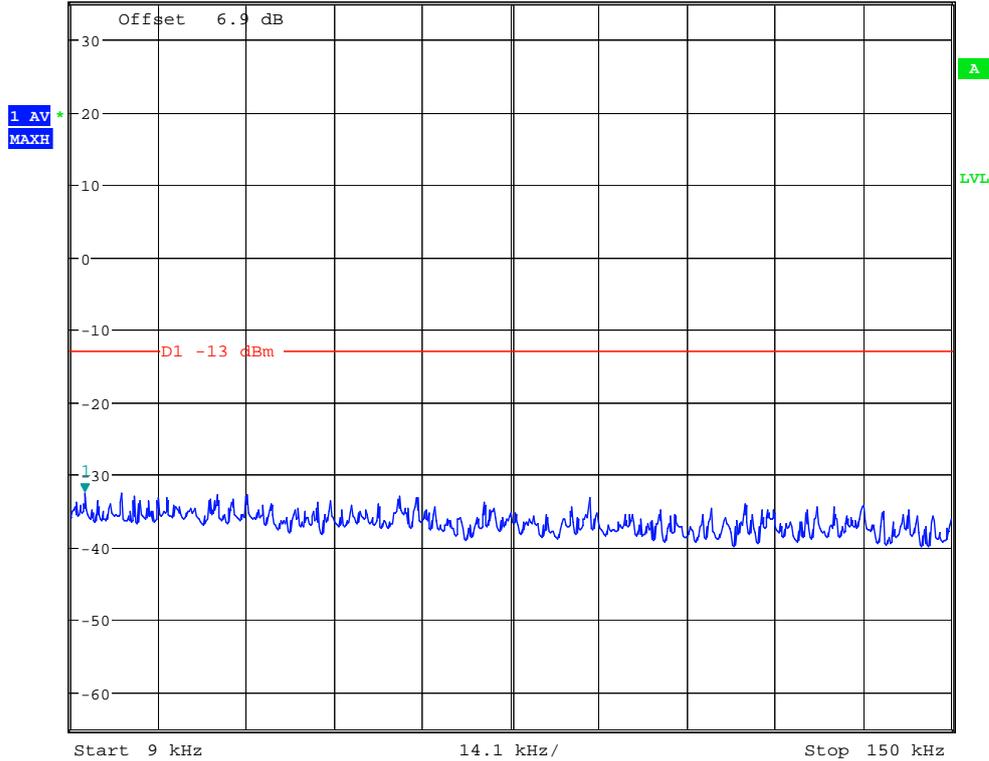


# TM2:EDGE Channel 128



\*RBW 1 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -32.48 dBm  
SWT 145 ms      11.259615385 kHz

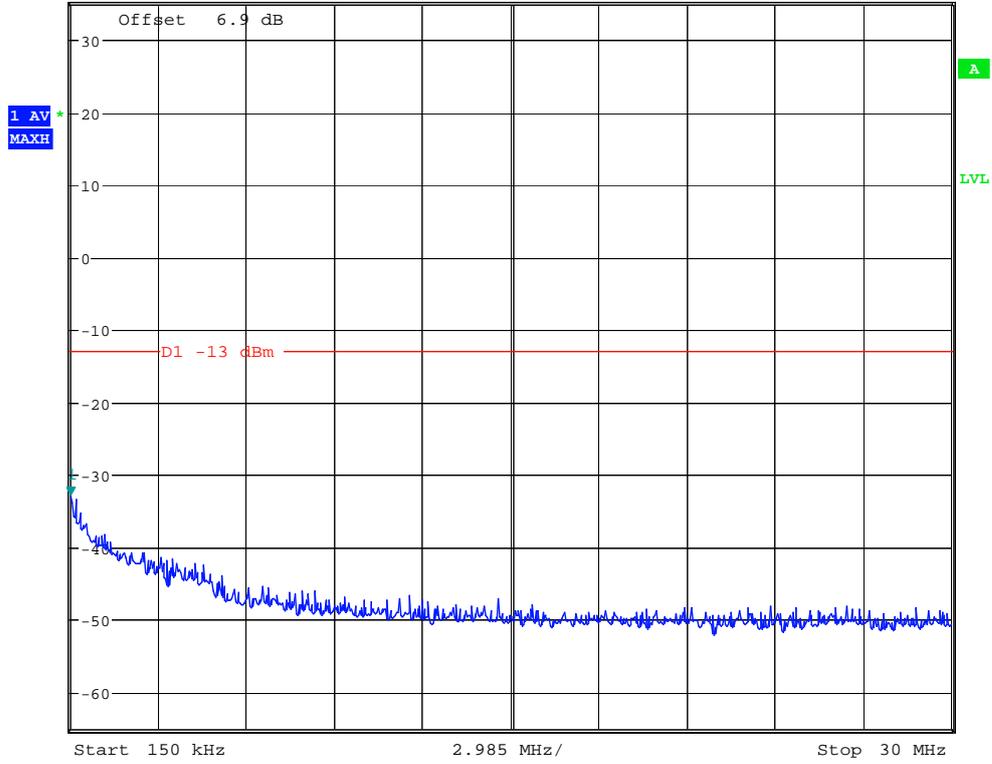
Ref 35 dBm      Att 55 dB



Date: 17.DEC.2010 13:28:28



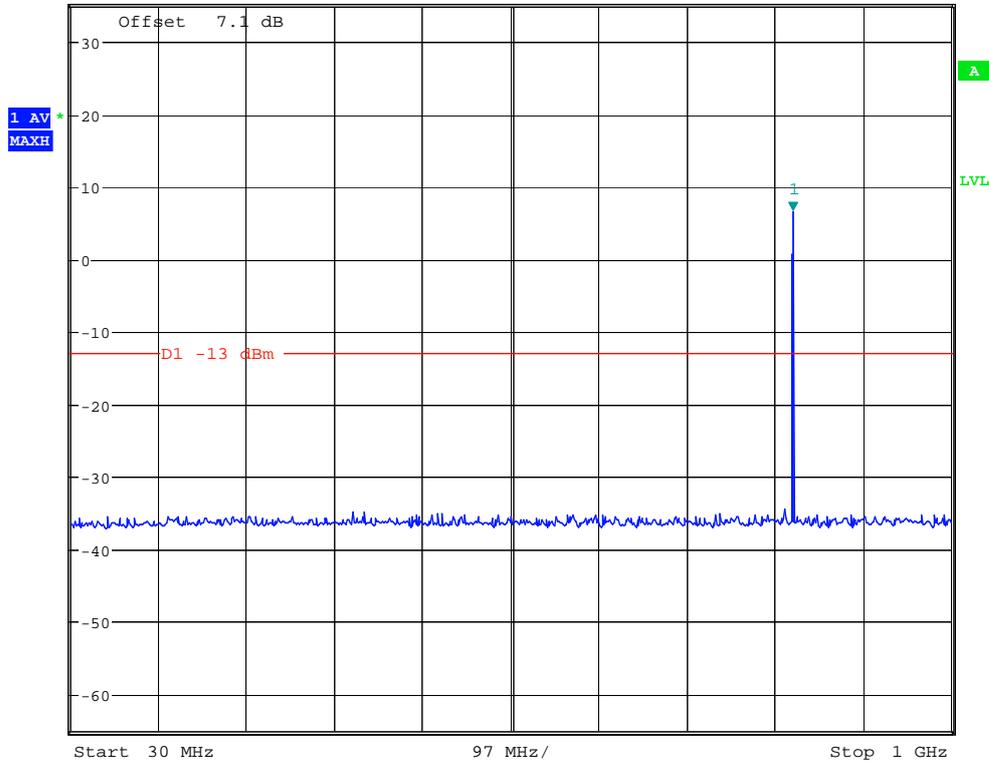
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -32.88 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      150.000000000 kHz



Date: 17.DEC.2010 13:29:11



\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      6.63 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      825.897435897 MHz



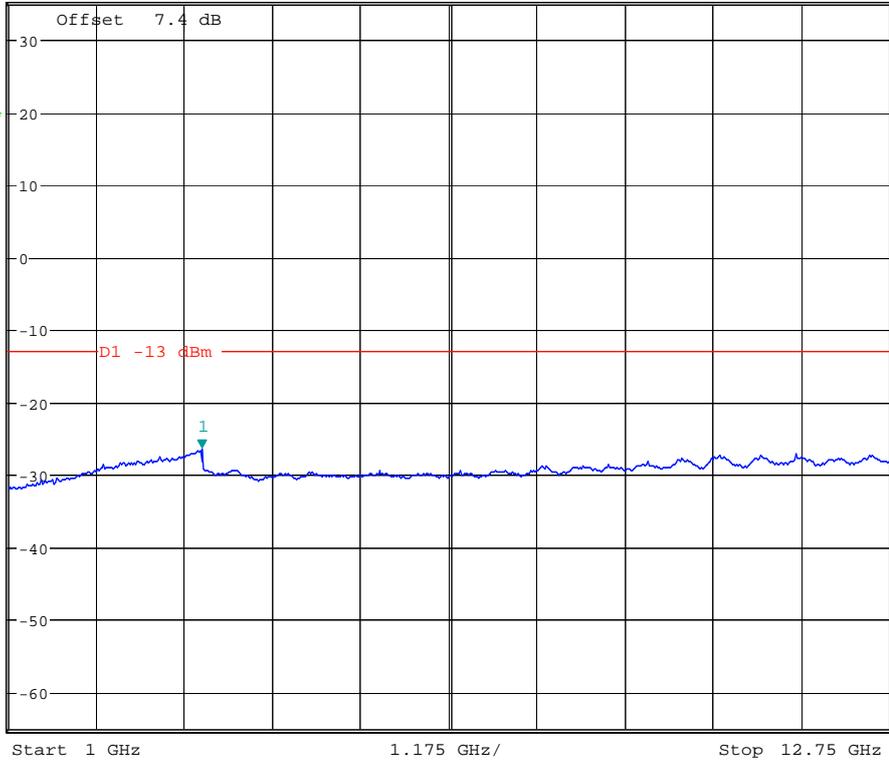
Date: 17.DEC.2010 13:29:55



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.39 dBm  
3.579727564 GHz

Ref 35 dBm      Att 55 dB      SWT 70 ms

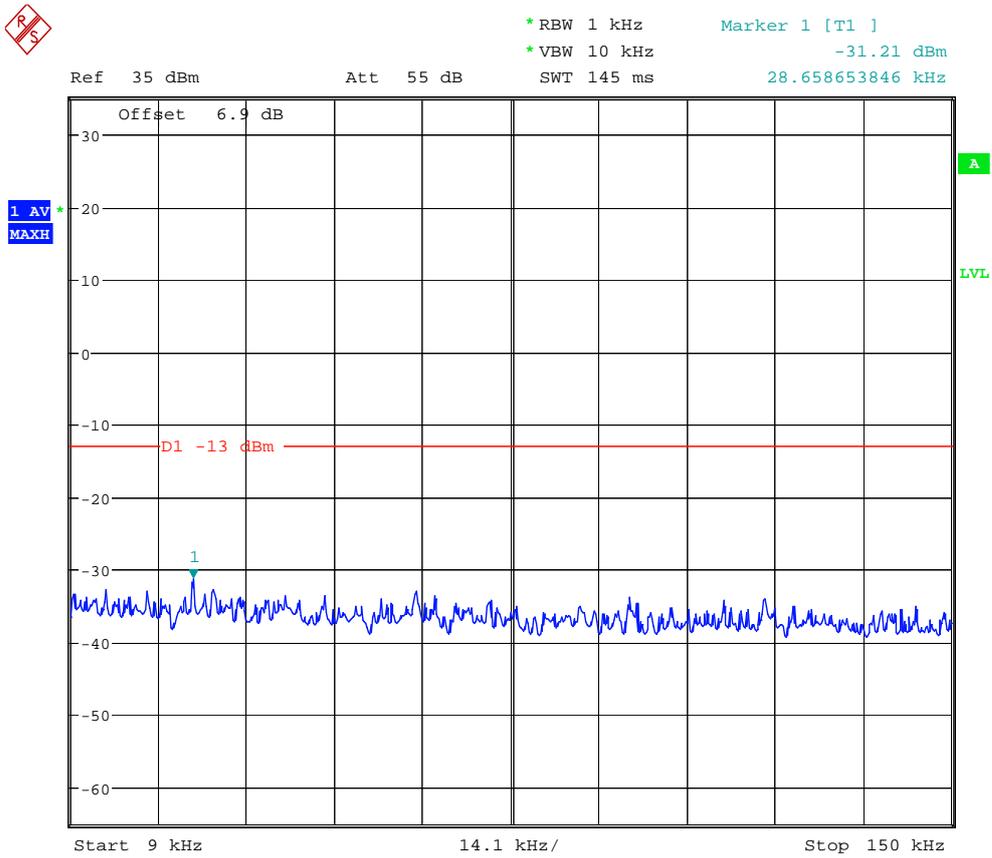
1 AV \*  
MAXH



Date: 17.DEC.2010 13:30:38



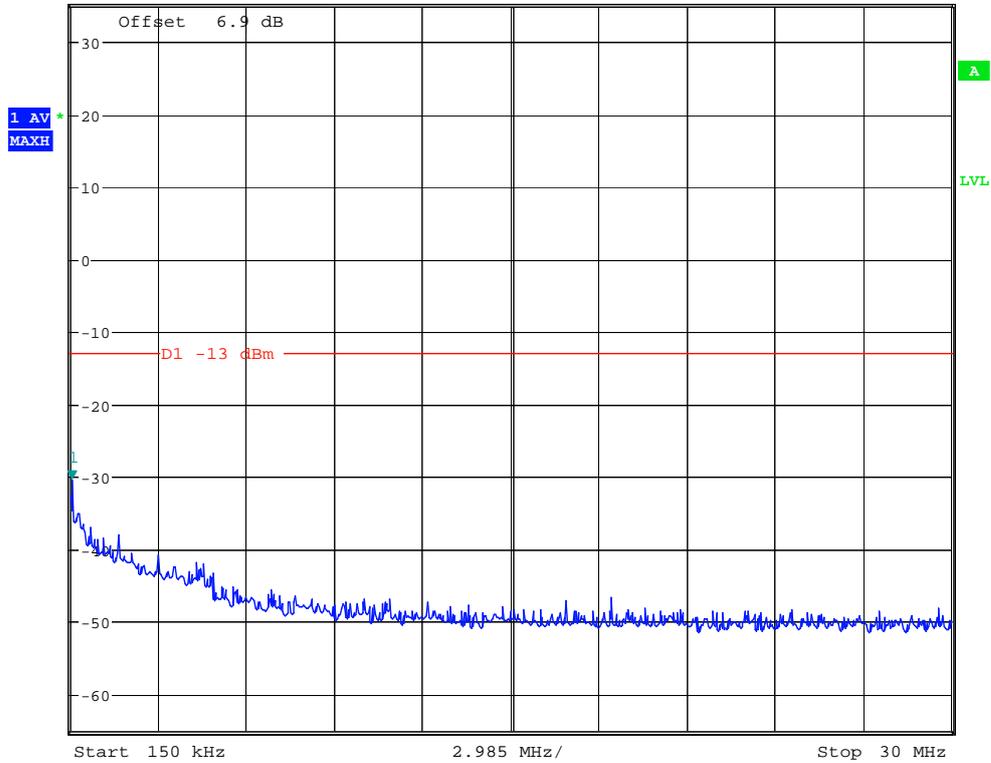
# Channel 192



Date: 17.DEC.2010 13:28:42



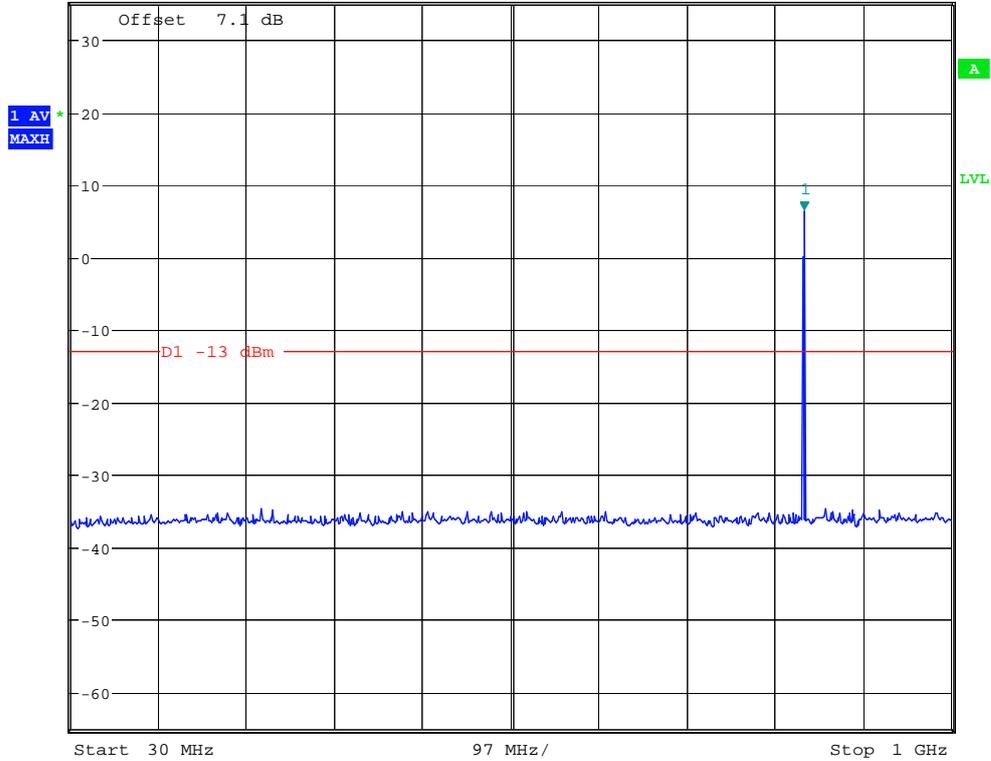
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -30.50 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      197.836538462 kHz



Date: 17.DEC.2010 13:29:26



\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      6.36 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      838.333333333 MHz

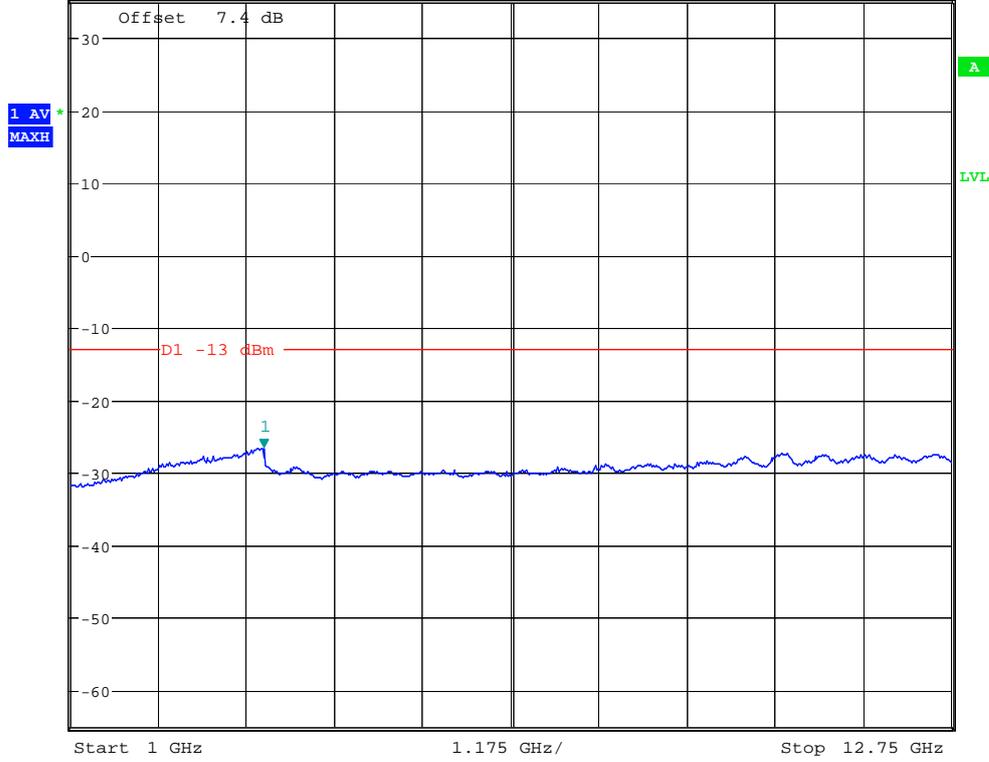


Date: 17.DEC.2010 13:30:09



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.56 dBm  
3.579727564 GHz

Ref 35 dBm      Att 55 dB      SWT 70 ms



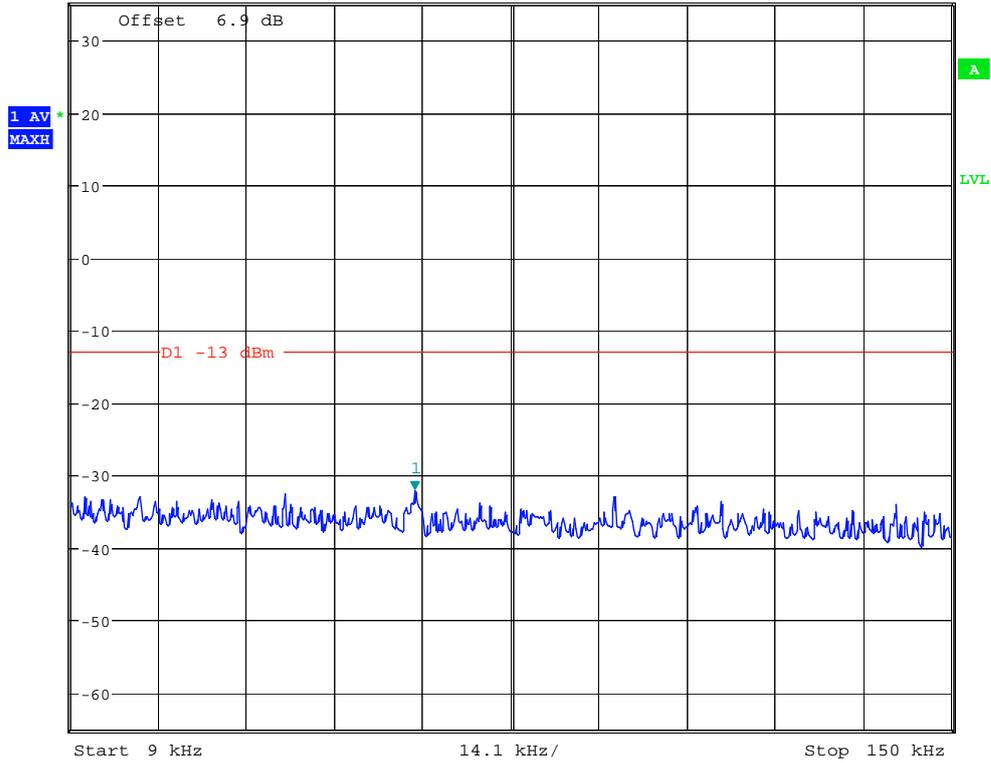
Date: 17.DEC.2010 13:30:53



# Channel 251



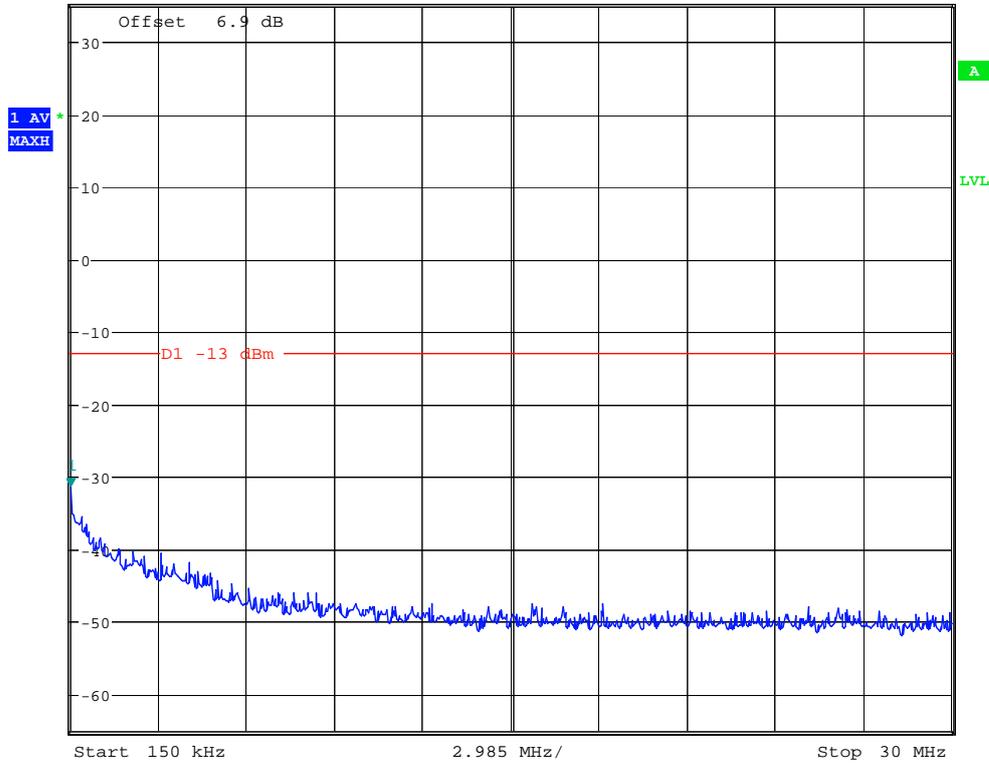
Ref 35 dBm Att 55 dB SWT 145 ms  
\* RBW 1 kHz \* VBW 10 kHz  
Marker 1 [T1] -32.19 dBm  
64.134615385 kHz



Date: 17.DEC.2010 13:28:57



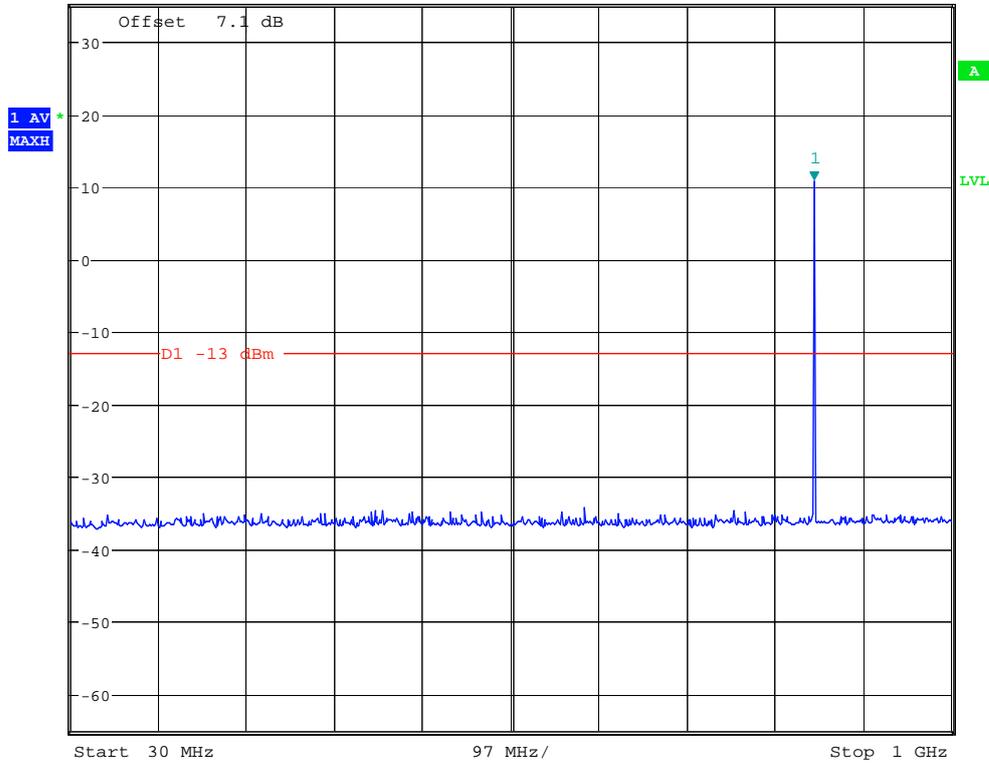
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -31.47 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      150.000000000 kHz



Date: 17.DEC.2010 13:29:40



Ref 35 dBm Att 55 dB SWT 100 ms  
\*RBW 100 kHz Marker 1 [T1 ] 10.83 dBm  
\*VBW 300 kHz 849.214743590 MHz

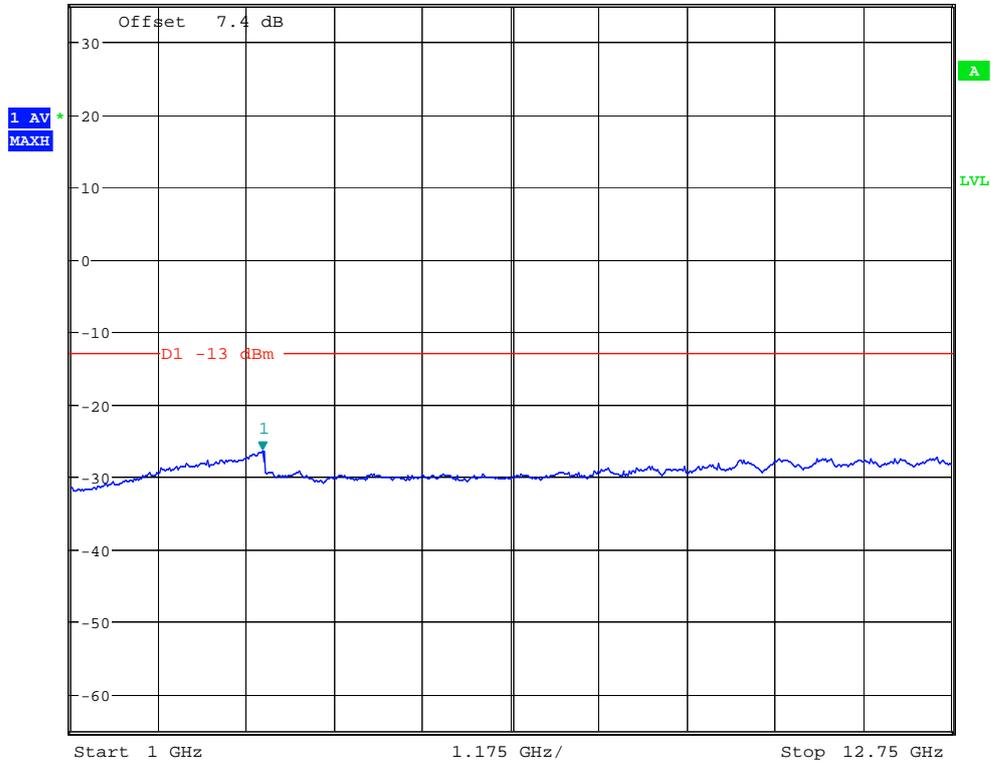


Date: 17.DEC.2010 13:30:24



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.47 dBm  
3.560897436 GHz

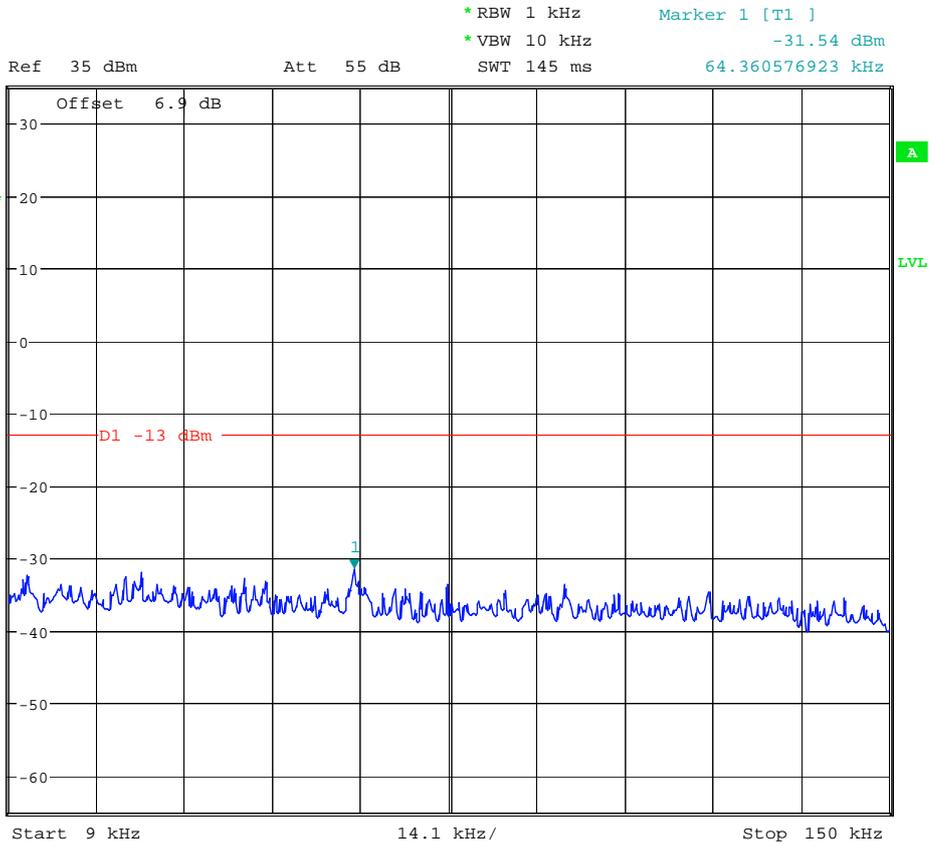
Ref 35 dBm      Att 55 dB      SWT 70 ms



Date: 17.DEC.2010 13:31:07



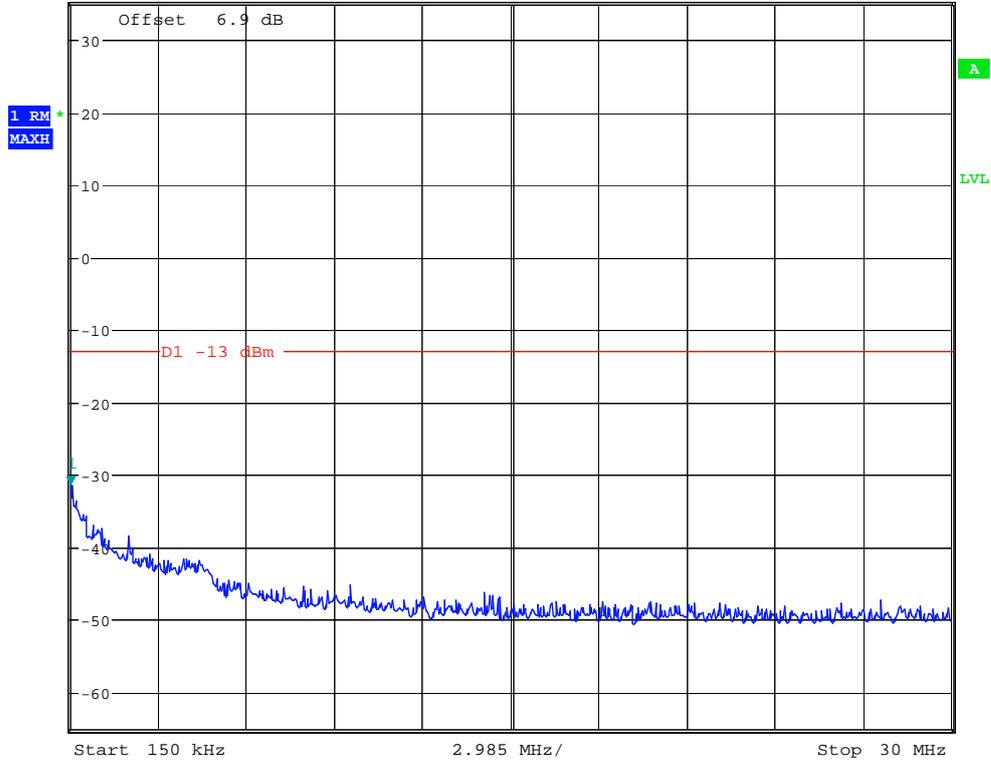
# TM3: WCDMA Channel 4132



Date: 17.DEC.2010 13:33:30



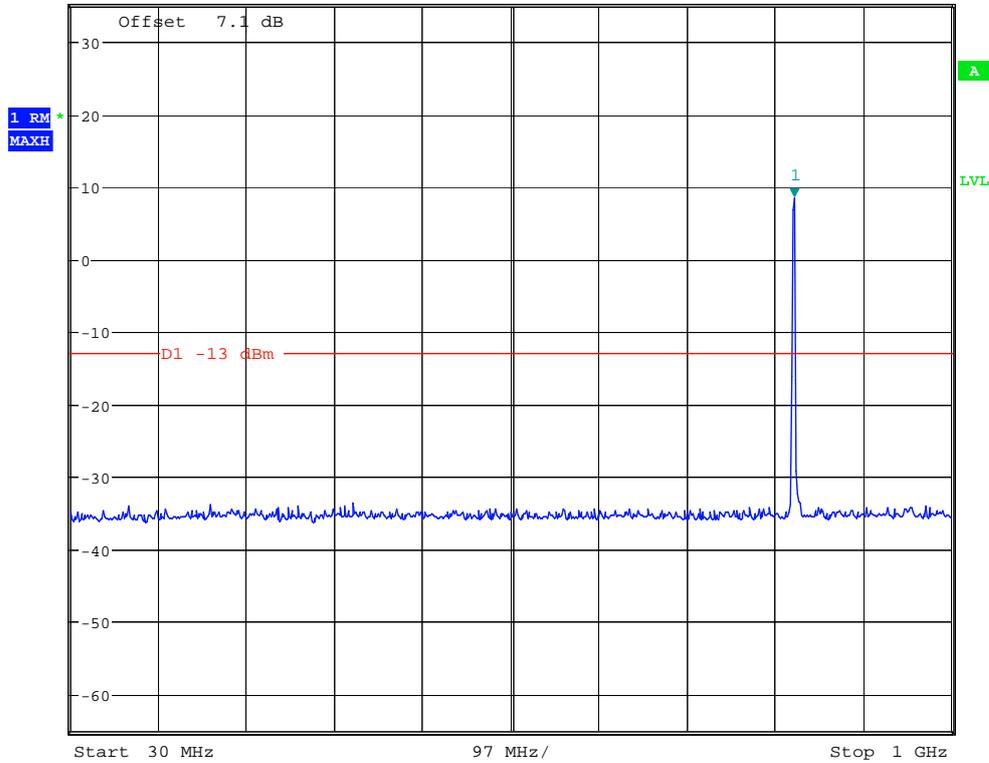
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -31.43 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      150.00000000 kHz



Date: 17.DEC.2010 13:34:13



\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      8.48 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      827.451923077 MHz

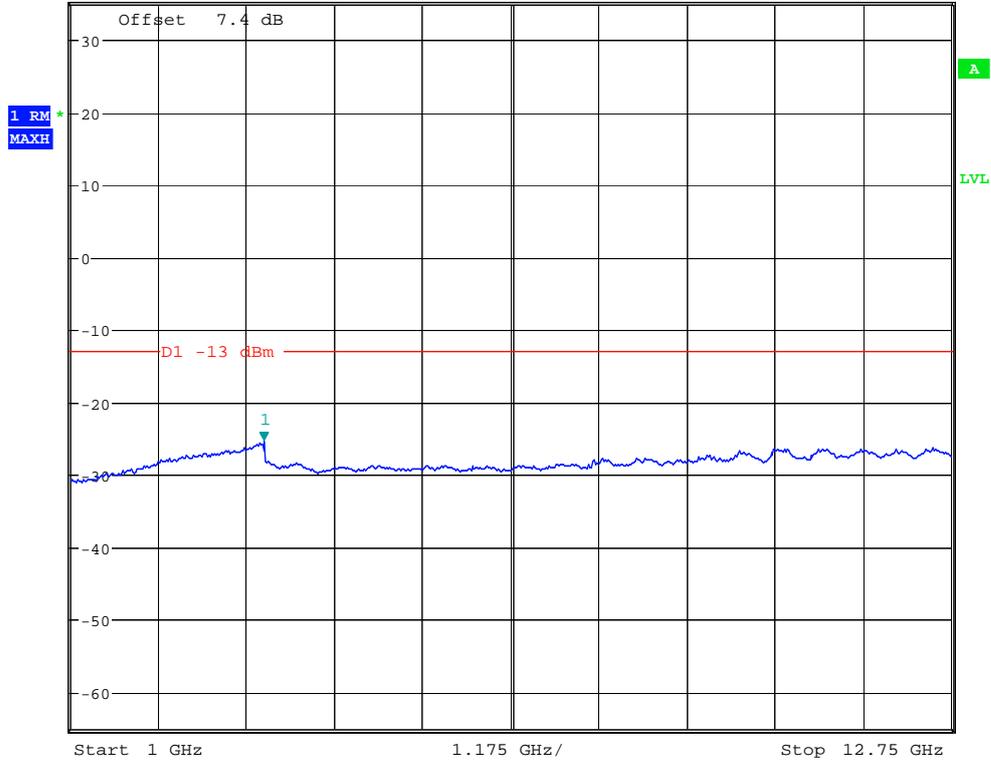


Date: 17.DEC.2010 13:34:57



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -25.44 dBm  
3.579727564 GHz

Ref 35 dBm      Att 55 dB      SWT 70 ms



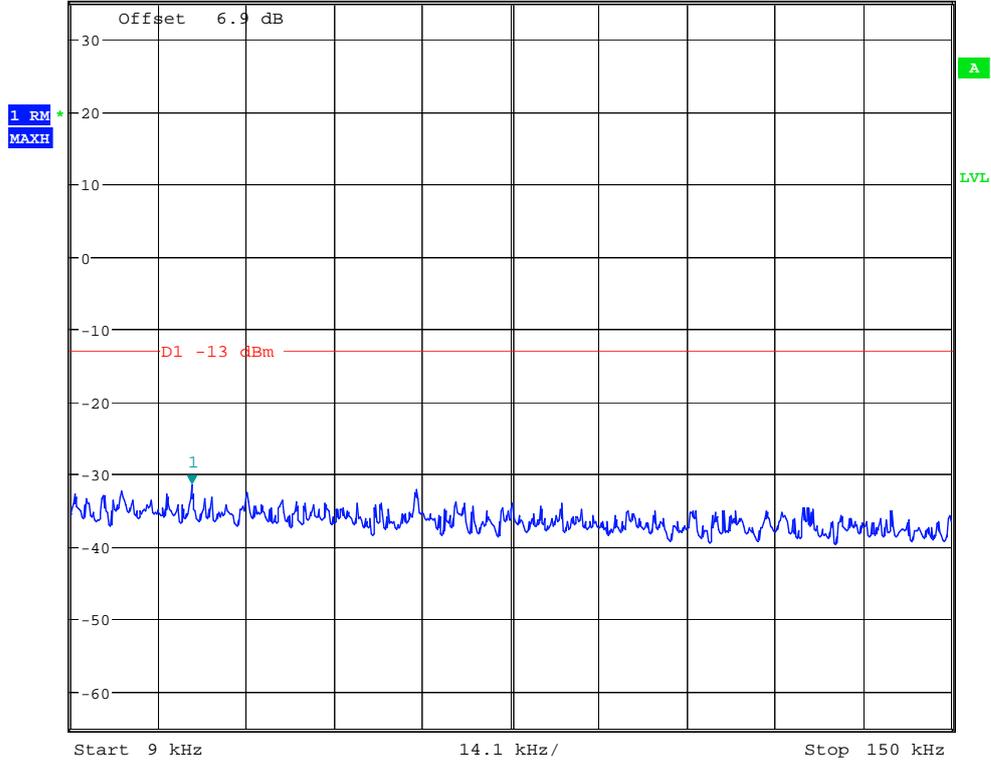
Date: 17.DEC.2010 13:35:40



# Channel 4182



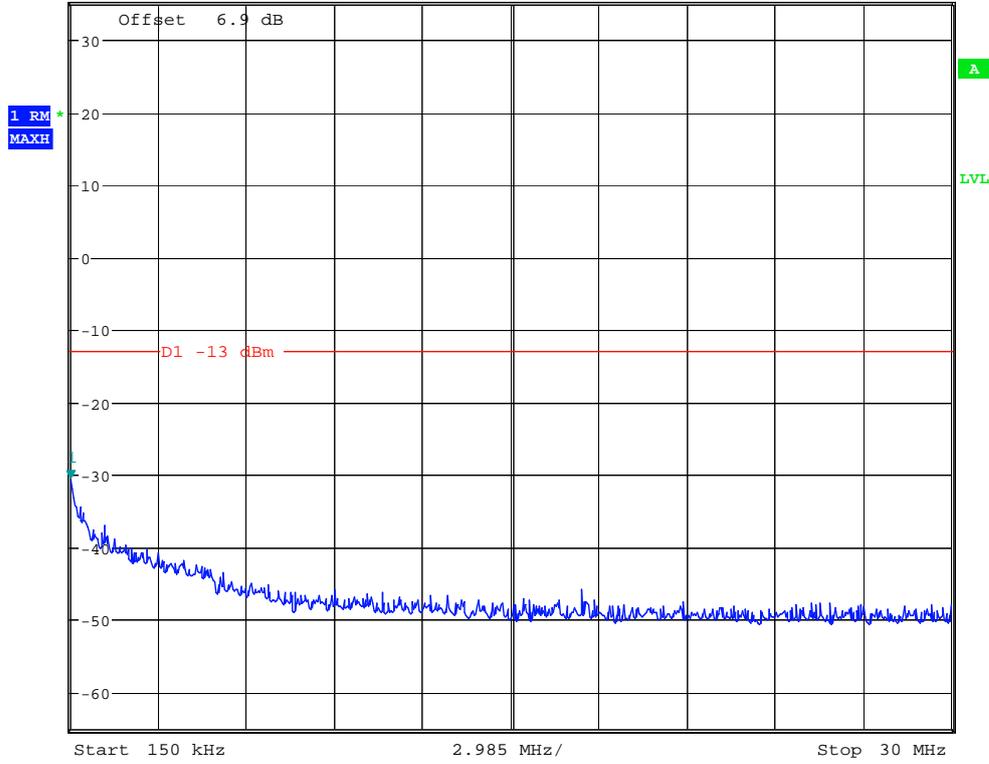
Ref 35 dBm      Att 55 dB      \*RBW 1 kHz      Marker 1 [T1]      -31.58 dBm  
\*VBW 10 kHz      28.432692308 kHz  
SWT 145 ms



Date: 17.DEC.2010 13:33:44



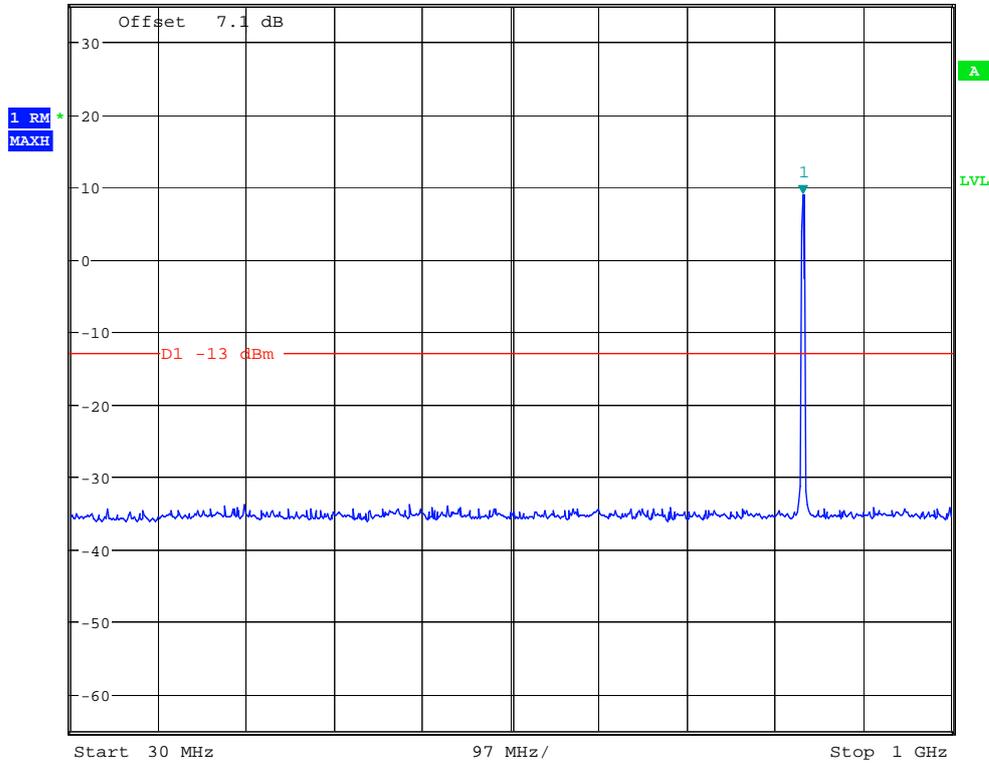
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -30.74 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      150.000000000 kHz



Date: 17.DEC.2010 13:34:28



\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      8.89 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      836.778846154 MHz

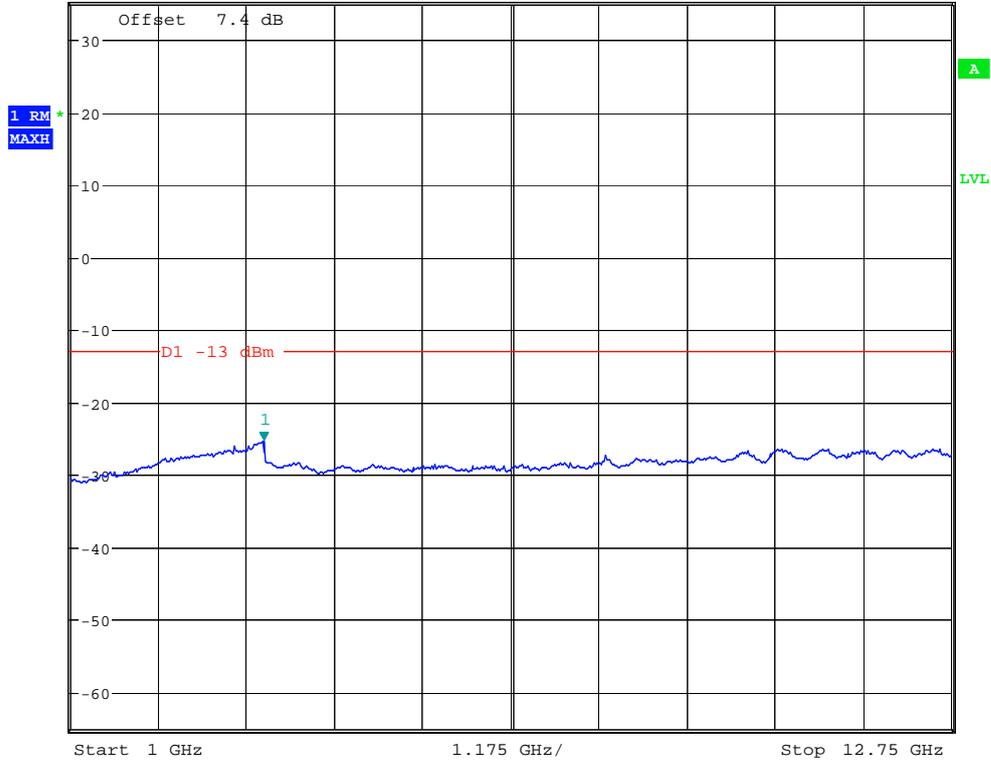


Date: 17.DEC.2010 13:35:11



\* RBW 1 MHz      Marker 1 [T1 ]  
\* VBW 3 MHz      -25.31 dBm  
3.579727564 GHz

Ref 35 dBm      Att 55 dB      SWT 70 ms



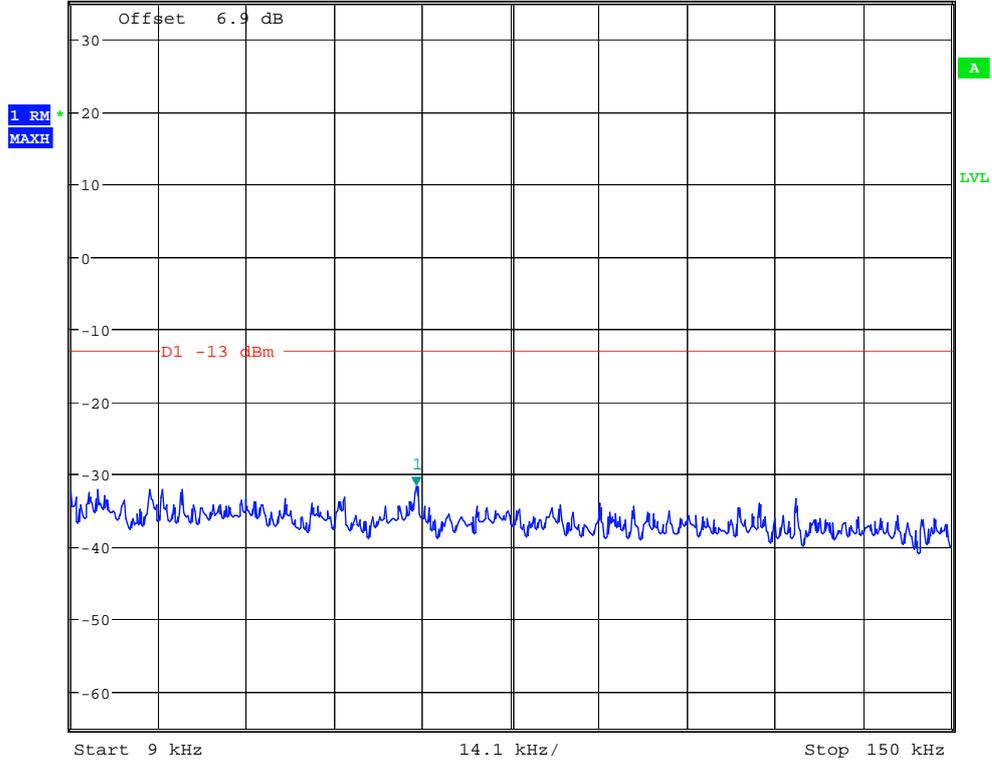
Date: 17.DEC.2010 13:35:55



# Channel 4233



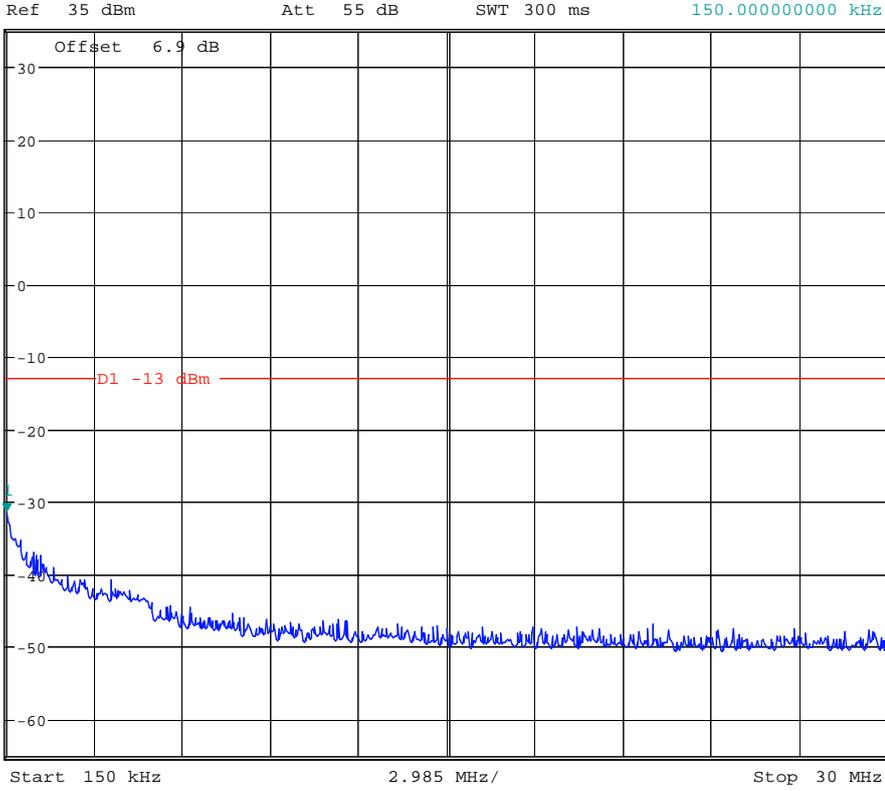
Ref 35 dBm      Att 55 dB      \*RBW 1 kHz      Marker 1 [T1]      -31.69 dBm  
\*VBW 10 kHz      64.360576923 kHz  
SWT 145 ms



Date: 17.DEC.2010 13:33:58



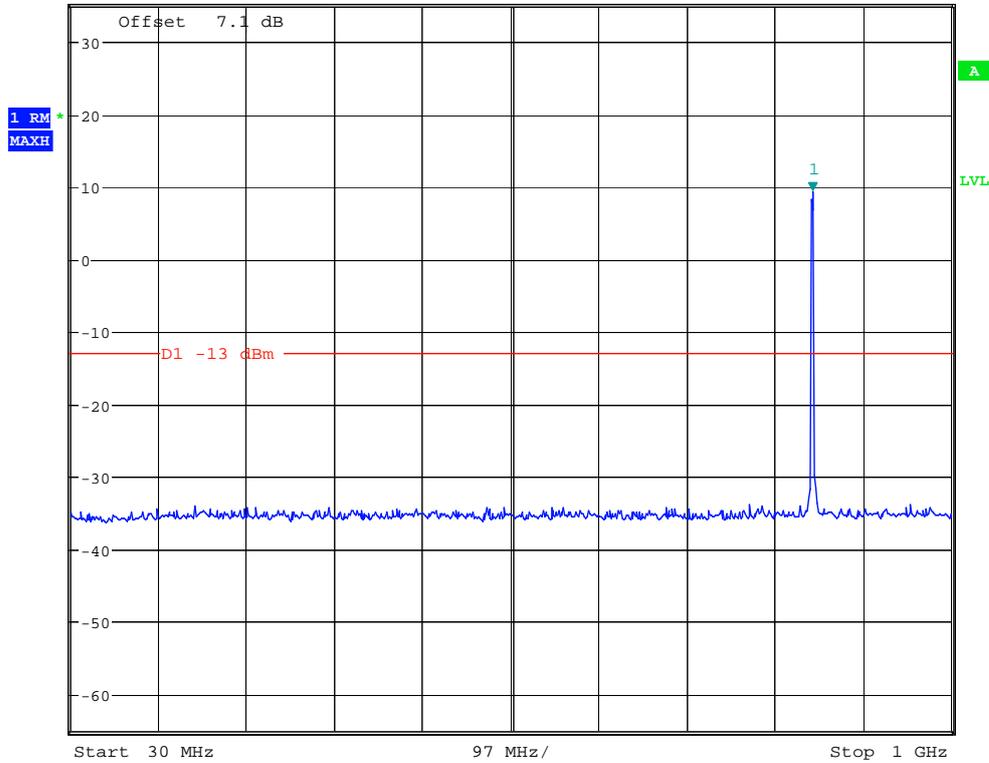
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -31.46 dBm  
SWT 300 ms      150.000000000 kHz



Date: 17.DEC.2010 13:34:42



Ref 35 dBm      Att 55 dB      SWT 100 ms      Marker 1 [T1]      9.32 dBm  
\*RBW 100 kHz      \*VBW 300 kHz      847.660256410 MHz

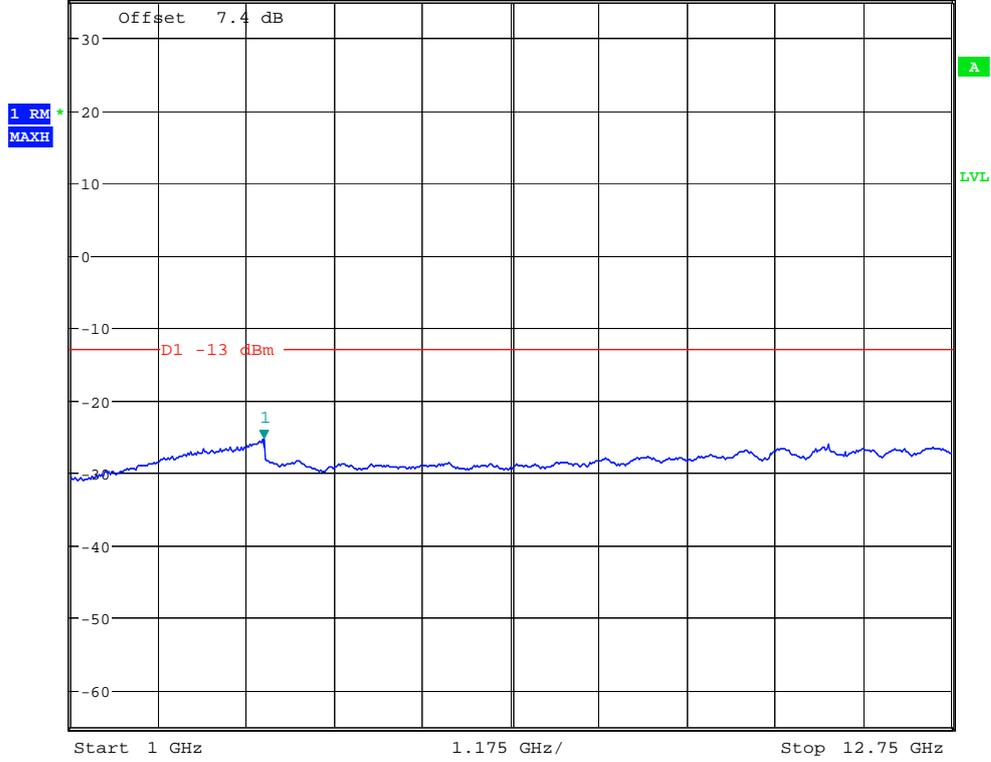


Date: 17.DEC.2010 13:35:26



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -25.35 dBm  
3.579727564 GHz

Ref 35 dBm      Att 55 dB      SWT 70 ms



Date: 17.DEC.2010 13:36:09