



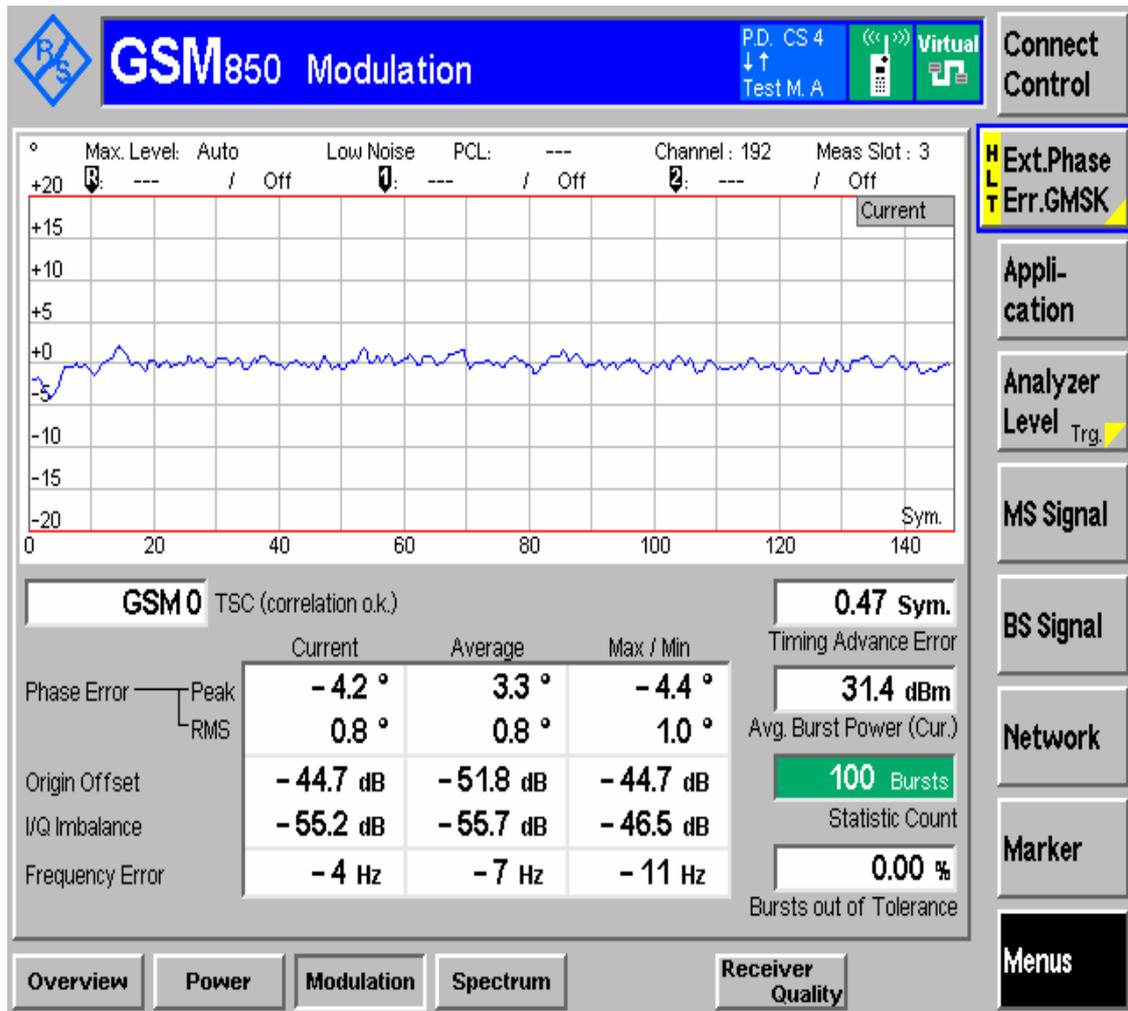
# Appendix A

## Modulation Characteristics

According to FCC Part 2.1047 & Part22 Subpart H

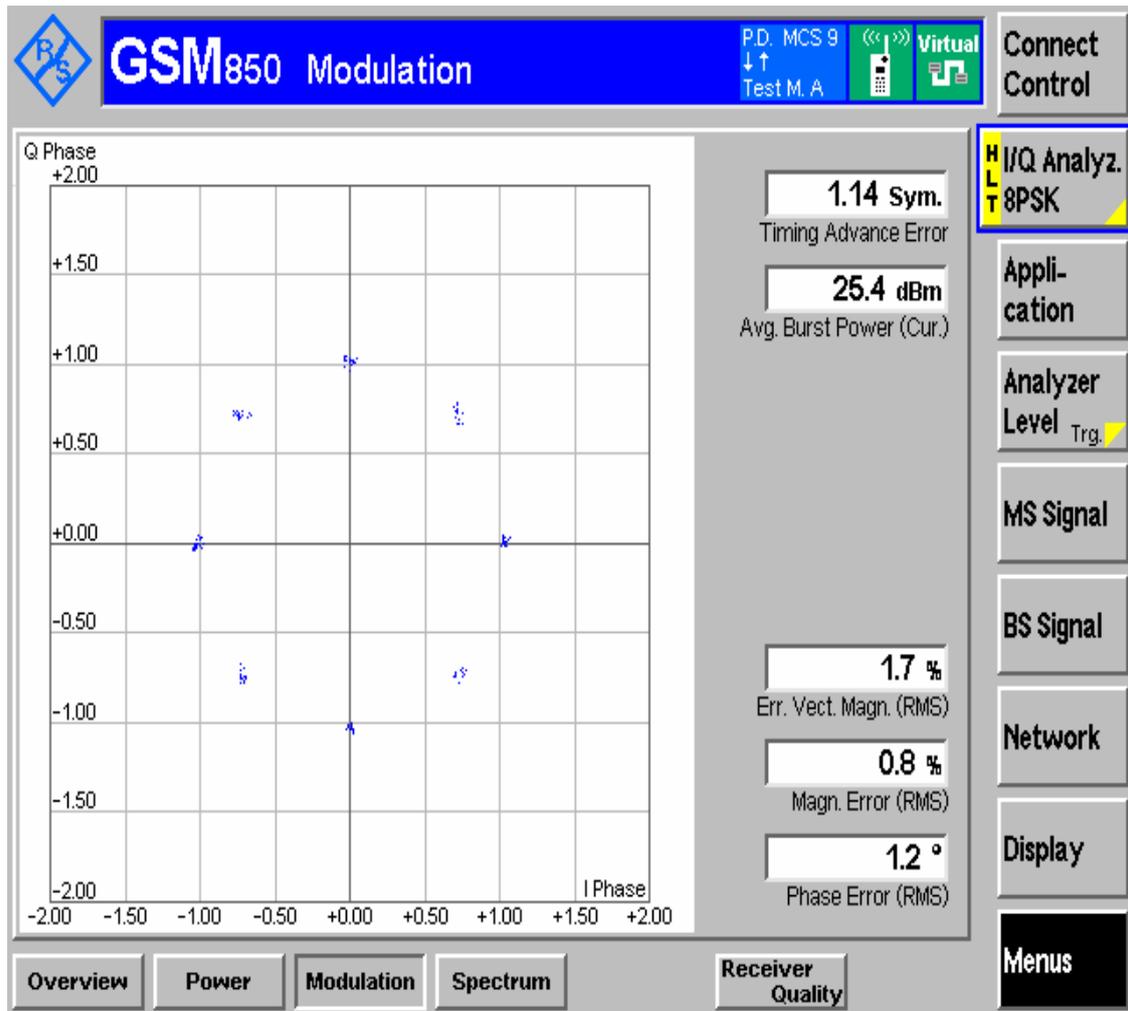


## Channel 192 (TM1:GPRS/GSM)



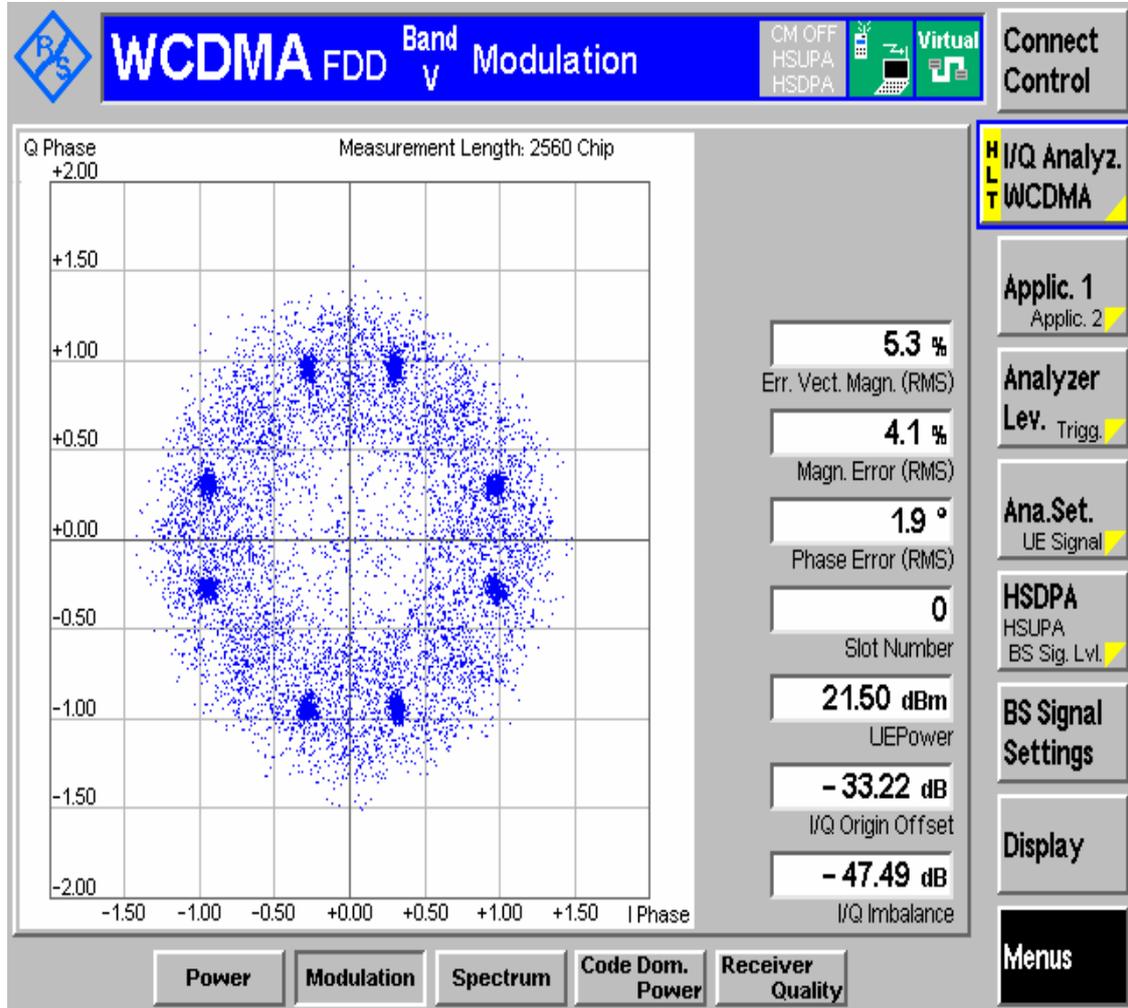


## Channel 192 (TM2:EDGE)





### Channel 4182 (TM3: WCDMA)





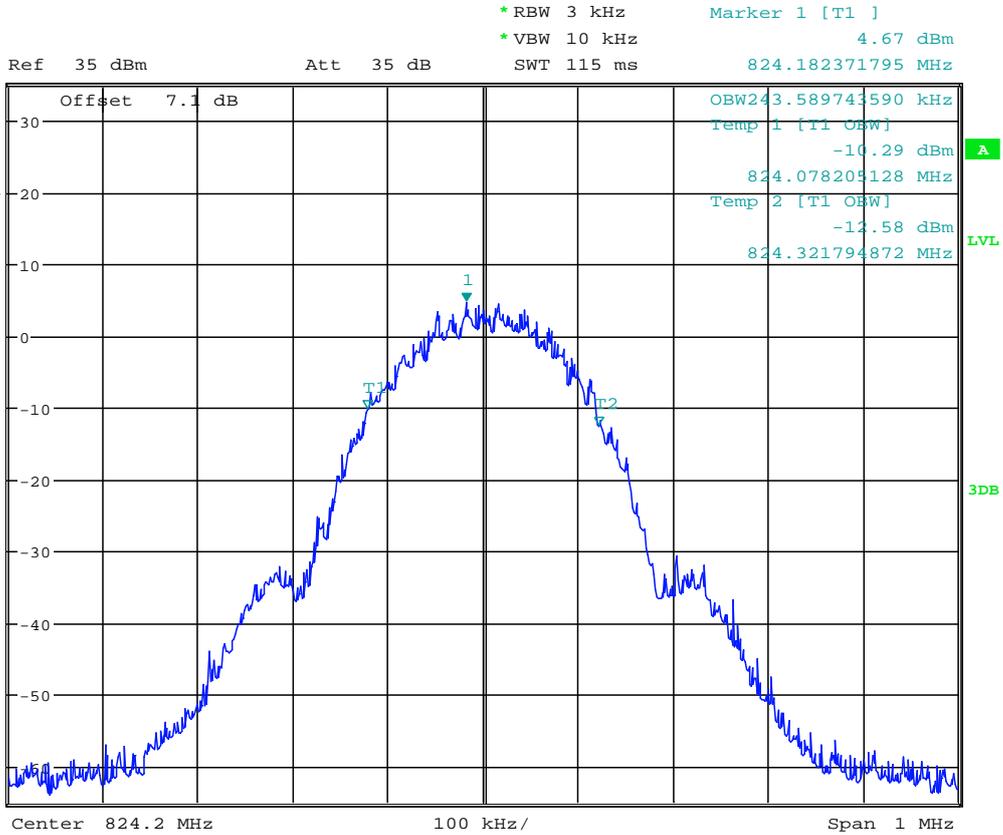
## Appendix B

# Occupied Bandwidth

According to FCC Part 2.1049 & Part 22 Subpart H



## Channel 128 (TM1:GPRS/GSM)



Date: 21.DEC.2010 14:33:40



## Channel 128 (TM2:EDGE)

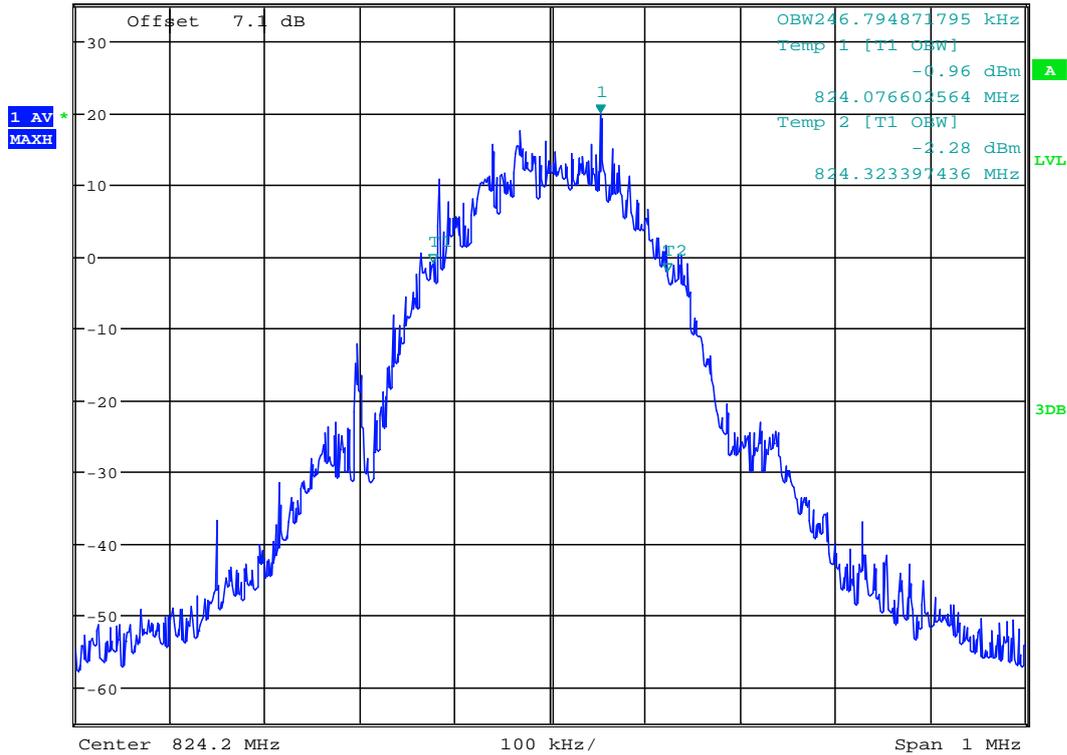


Ref 35 dBm Att 35 dB SWT 115 ms \*RBW 3 kHz \*VBW 10 kHz

Marker 1 [T1]

19.81 dBm

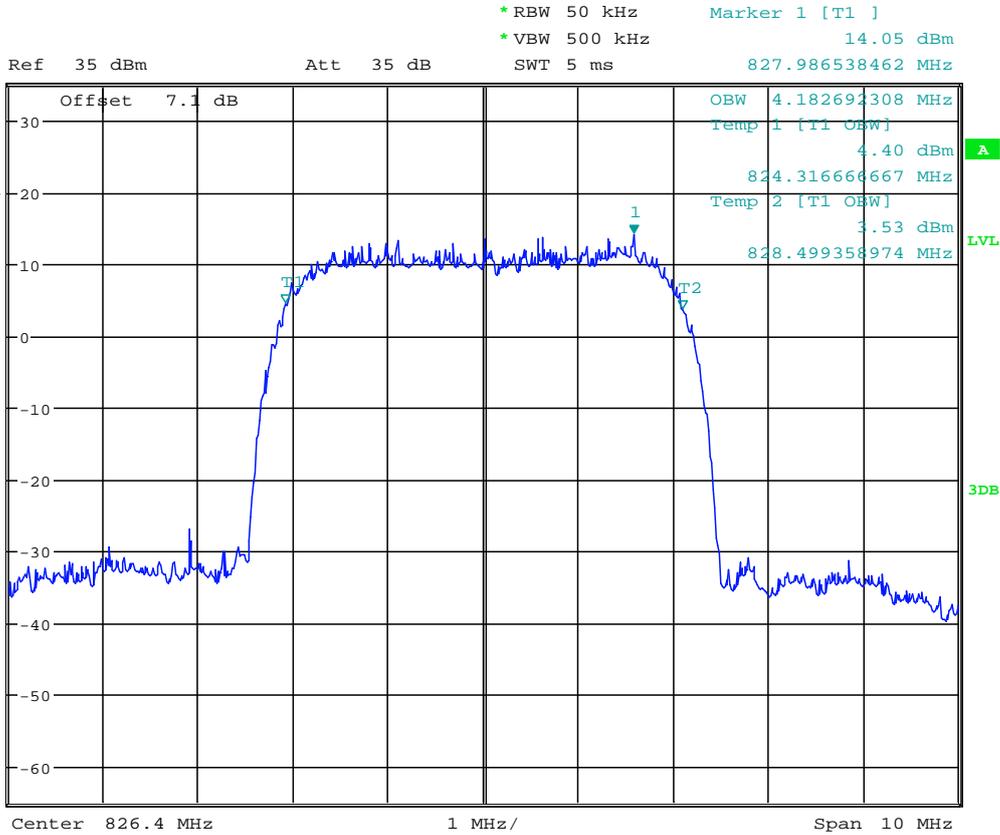
824.252884615 MHz



Date: 21.DEC.2010 14:39:57



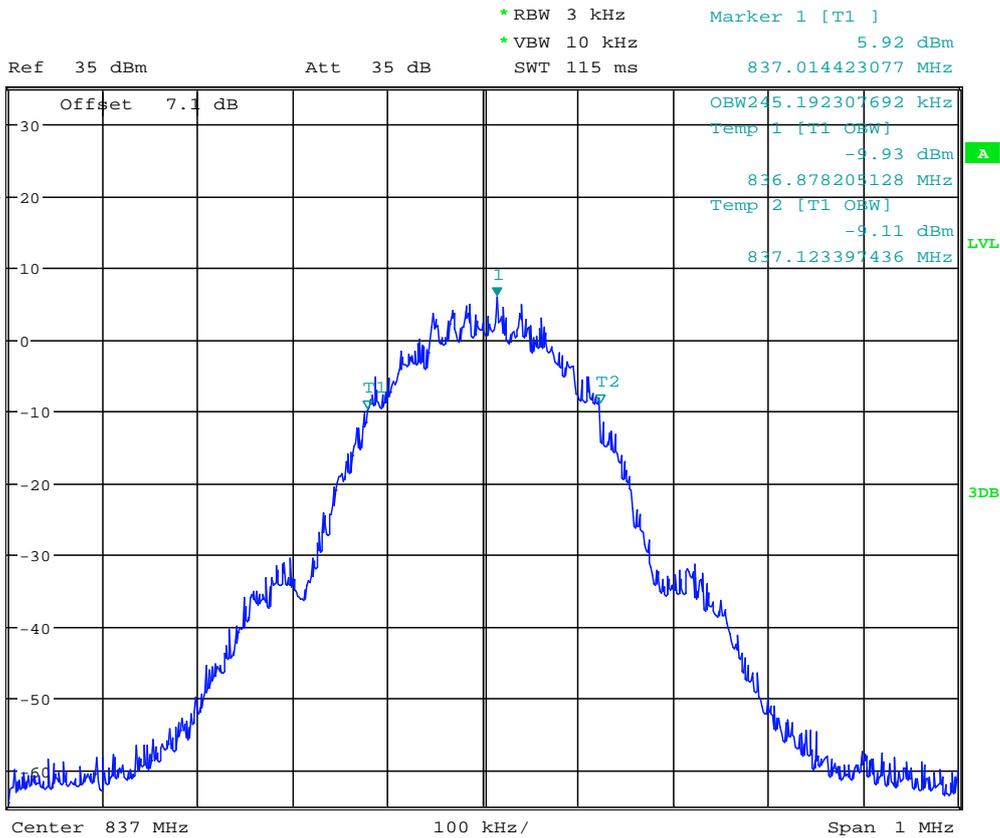
## Channel 4132 (TM3: WCDMA)



Date: 23.DEC.2010 09:40:25



## Channel 192 (TM1:GPRS/GSM)



Date: 21.DEC.2010 14:33:54

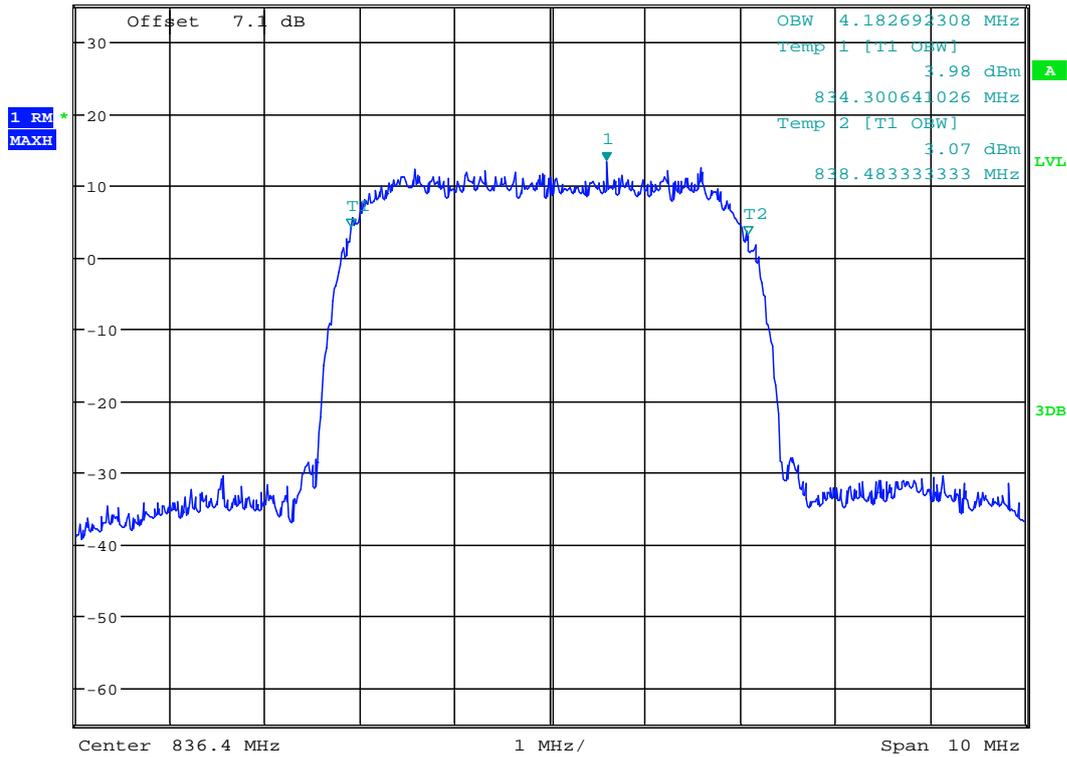




## Channel 4182 (TM3: WCDMA)



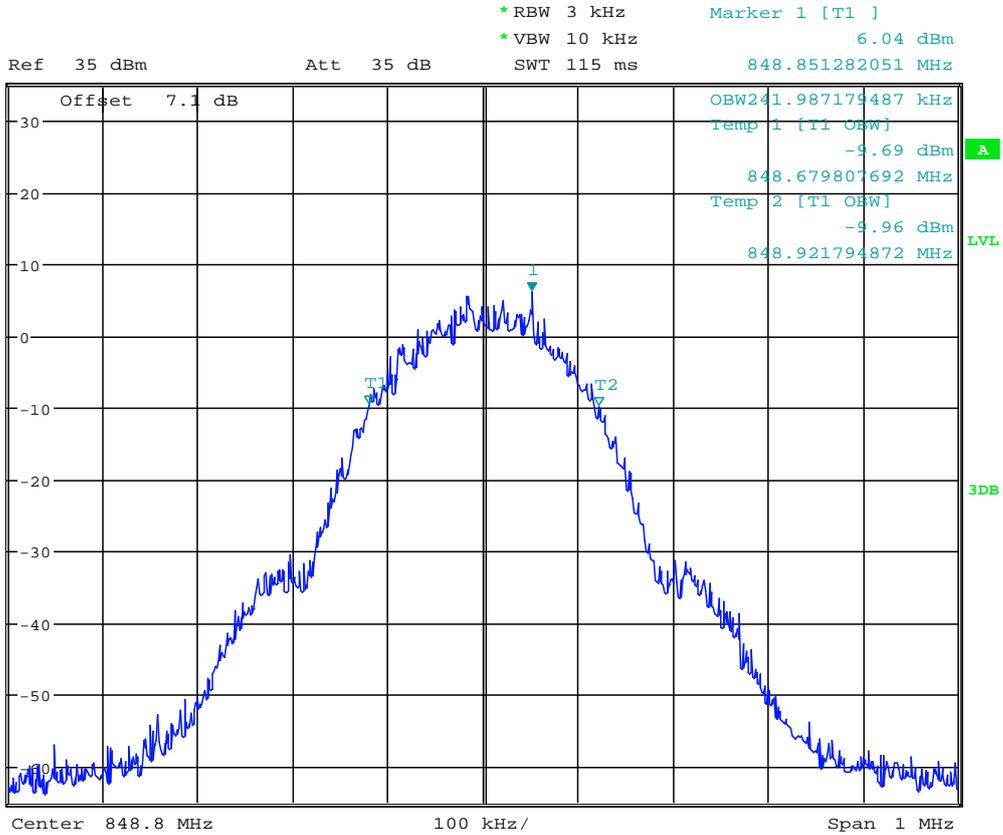
Ref 35 dBm Att 35 dB \*RBW 50 kHz Marker 1 [T1 ]  
\*VBW 500 kHz 13.33 dBm  
SWT 5 ms 836.992948718 MHz



Date: 23.DEC.2010 09:40:39



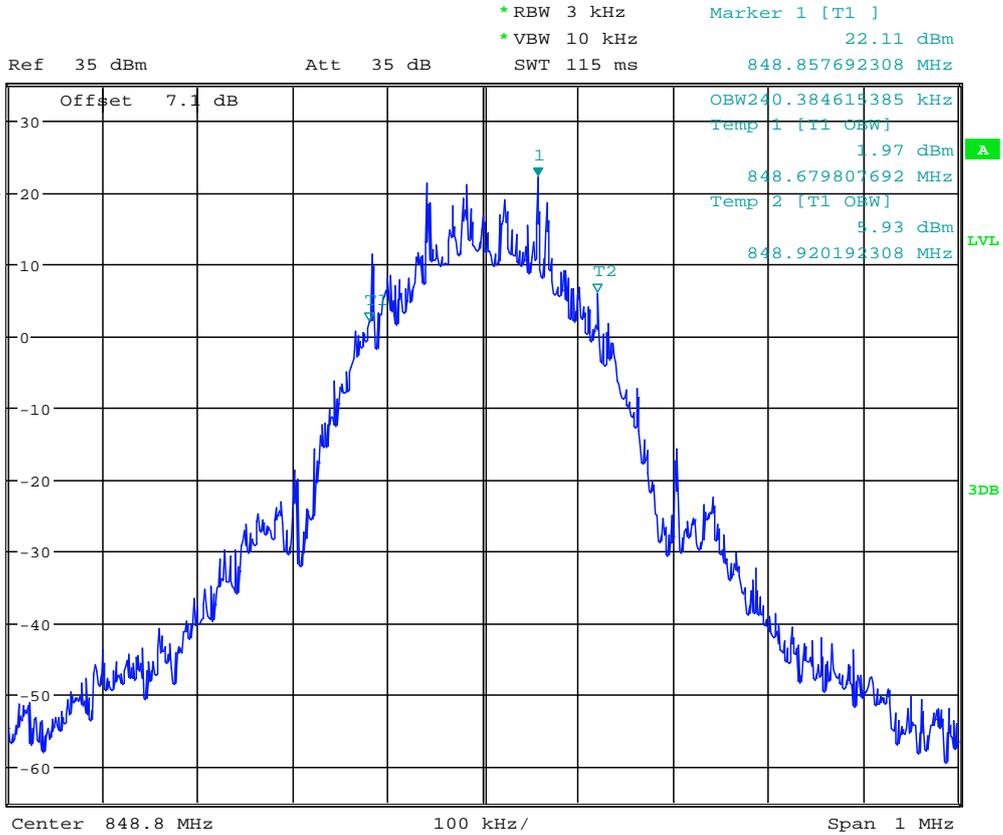
## Channel 251 (TM1:GPRS/GSM)



Date: 21.DEC.2010 14:34:07



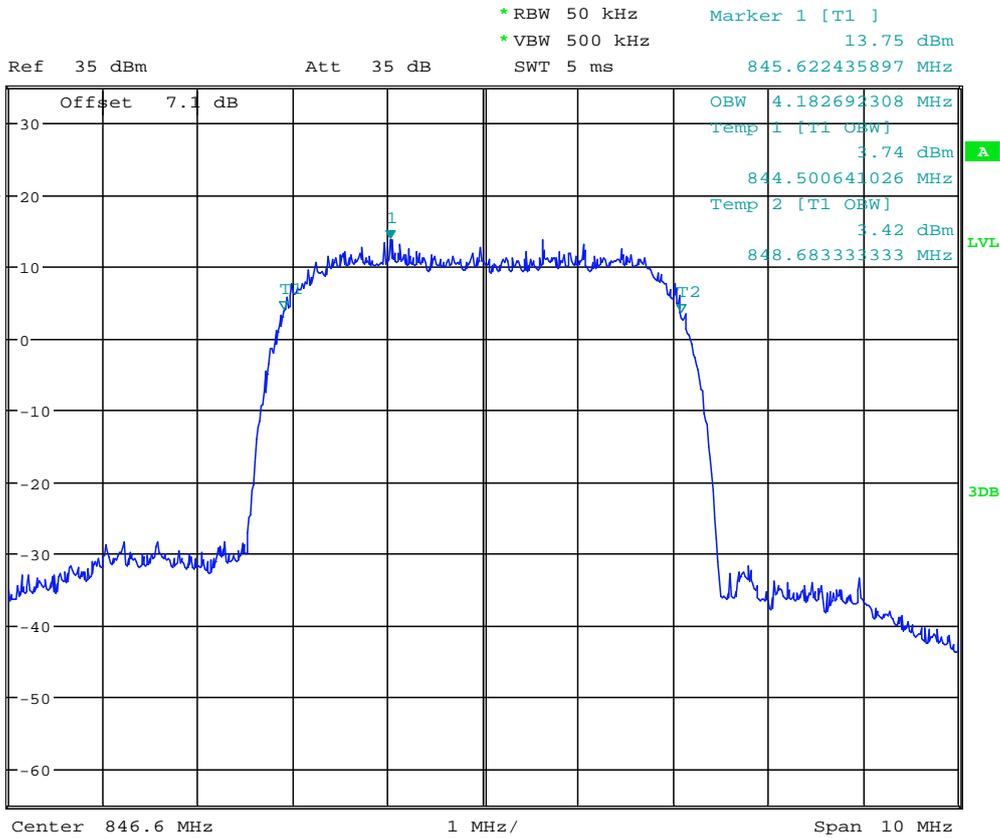
## Channel 251 (TM2:EDGE)



Date: 21.DEC.2010 14:40:25



## Channel 4233 (TM3: WCDMA)



Date: 23.DEC.2010 09:40:53



# Appendix C

## Band Edges Compliance

According to FCC Part 2.1051 & Part 22 Subpart H



# TM1:GPRS/GSM

## Left Edge

### Channel 128



\*RBW 3 kHz  
\*VBW 10 kHz  
SWT 225 ms

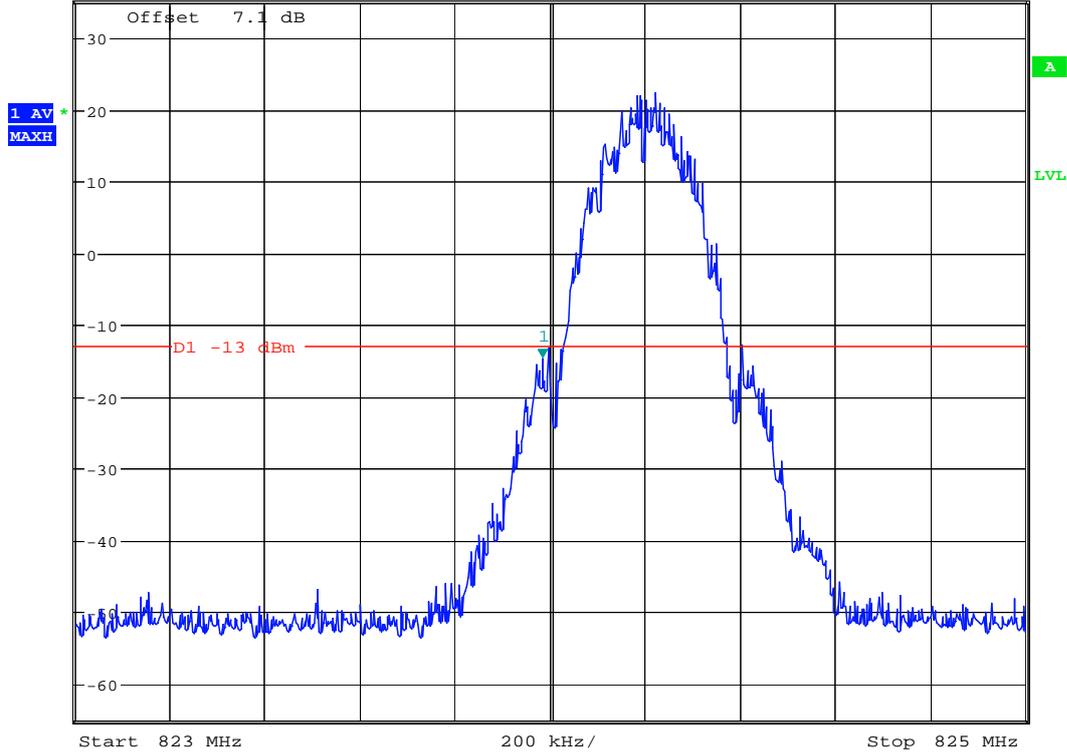
Marker 1 [T1 ]  
-14.63 dBm  
823.985000000 MHz

Ref 35 dBm

Att 55 dB

SWT 225 ms

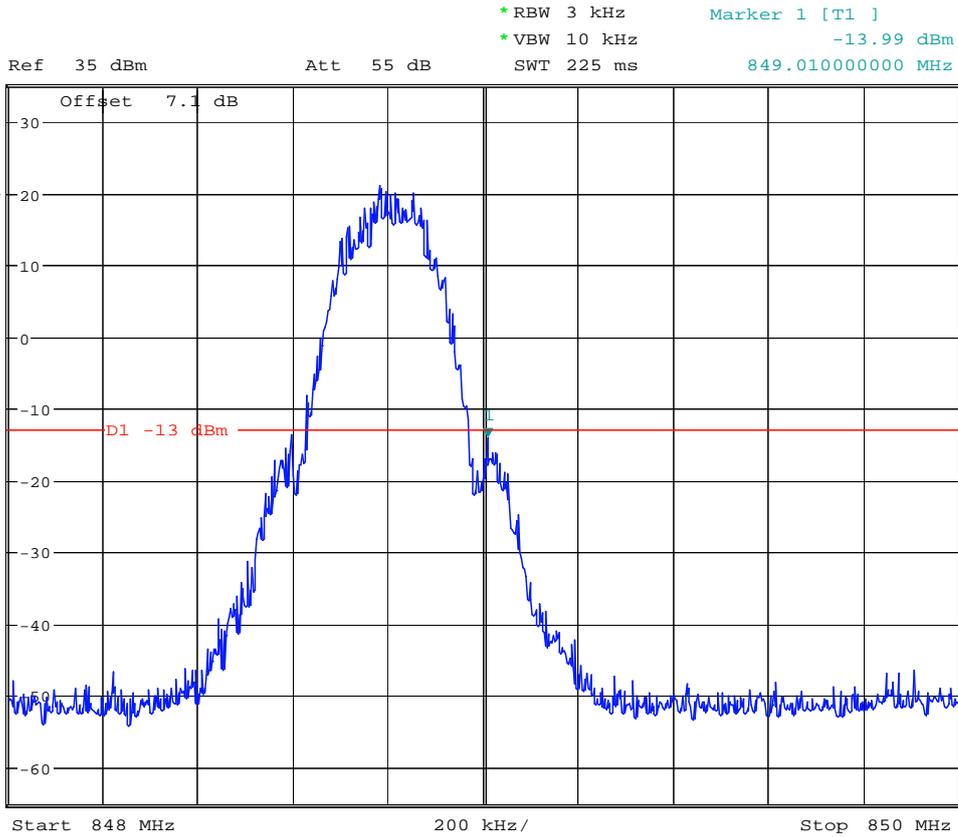
823.985000000 MHz



Date: 23.DEC.2010 12:03:12



## Right Edge Channel 251



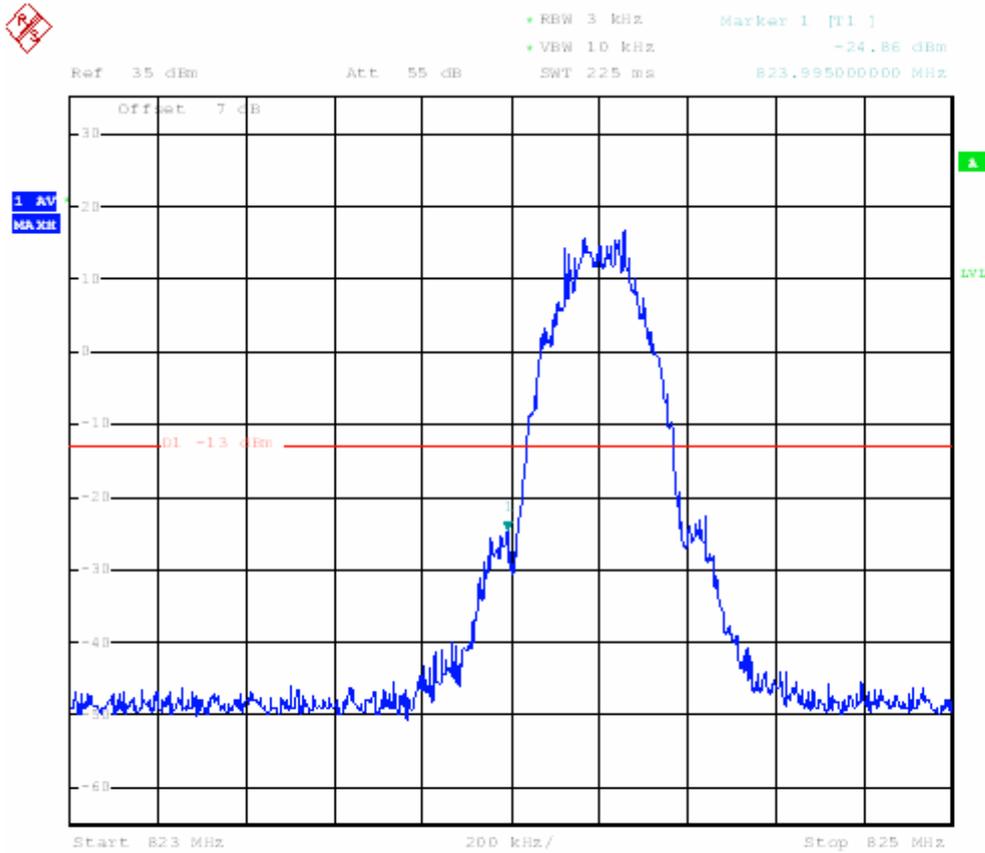
Date: 23.DEC.2010 12:03:26



# TM2:EDGE

## Left Edge

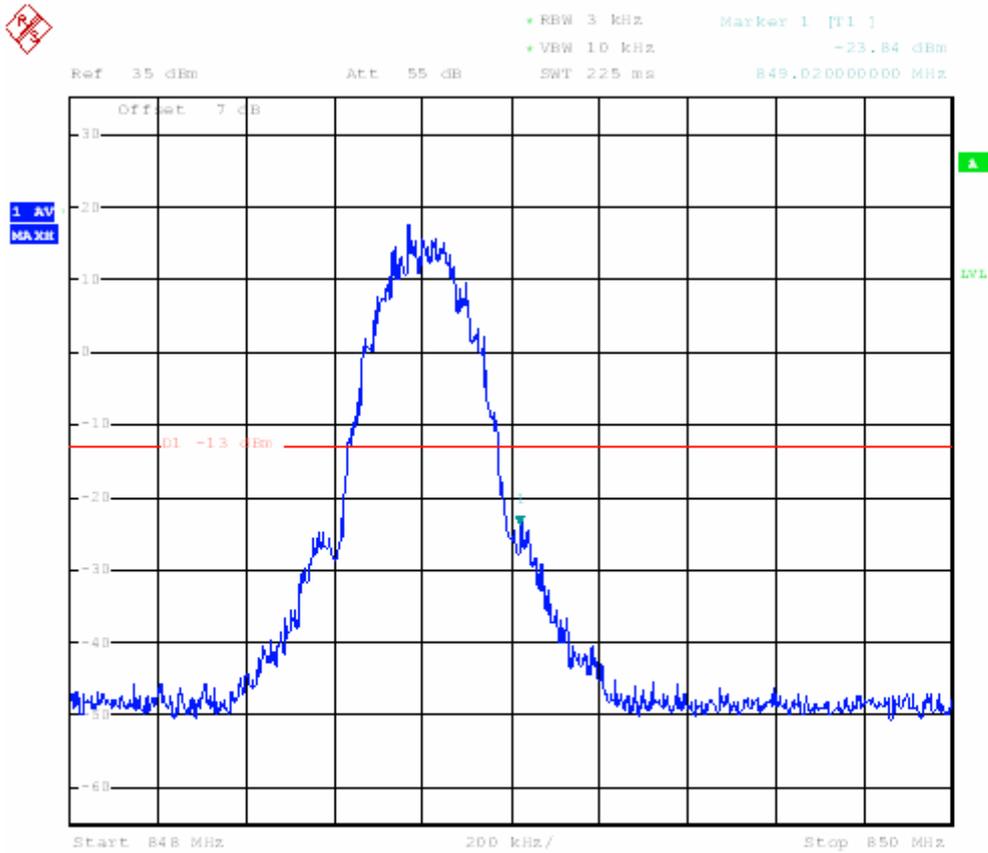
### Channel 128



Date: 21.DEC.2010 14:37:31



## Right Edge Channel 251



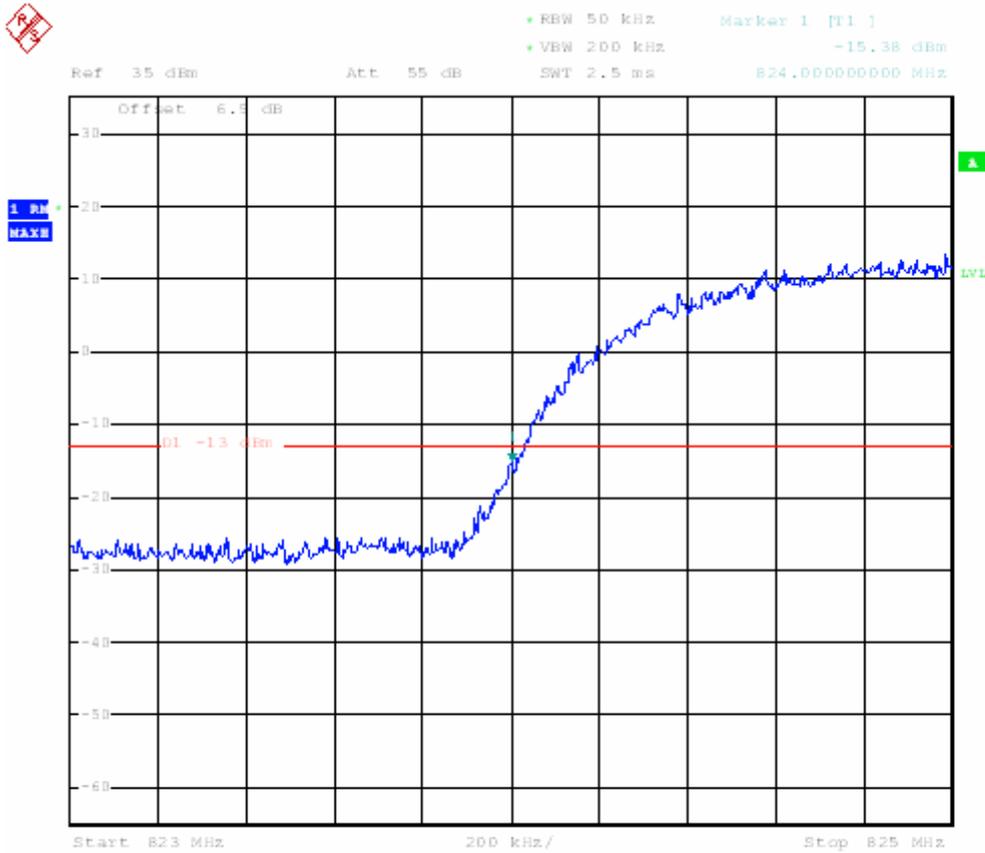
Date: 21.DEC.2010 14:39:43



# TM3: WCDMA

## Left Edge

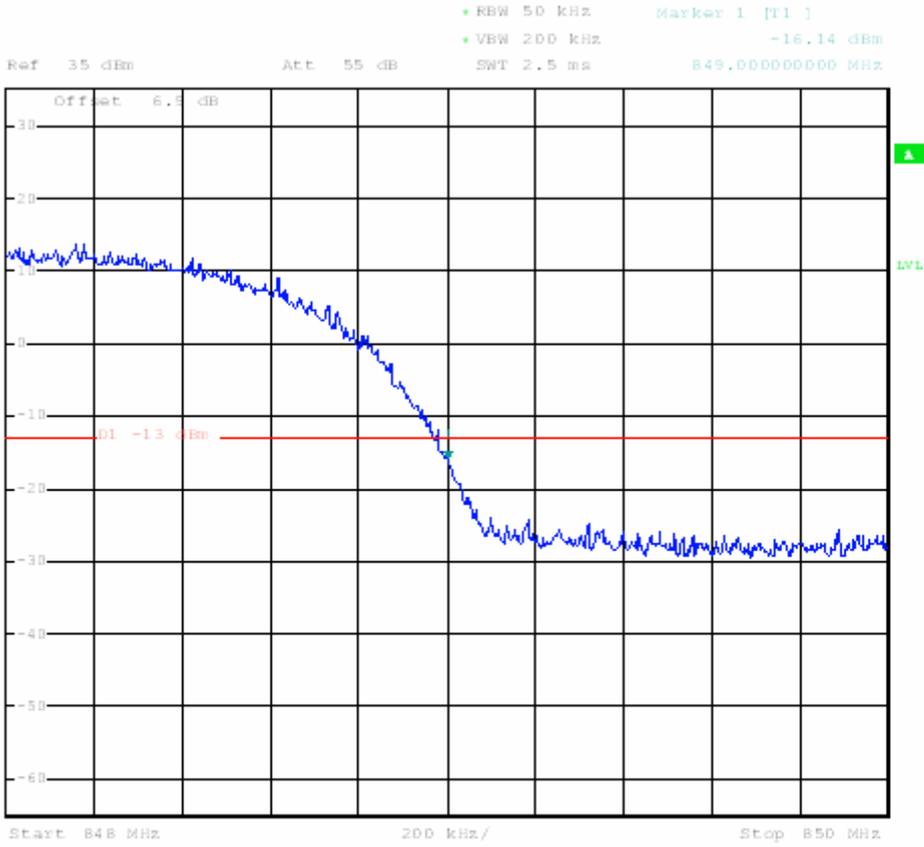
### Channel 4132



Date: 23.DEC.2010 09:28:09



## Right Edge Channel 4233



Date: 23.DEC.2010 09:28:23



## **Appendix D**

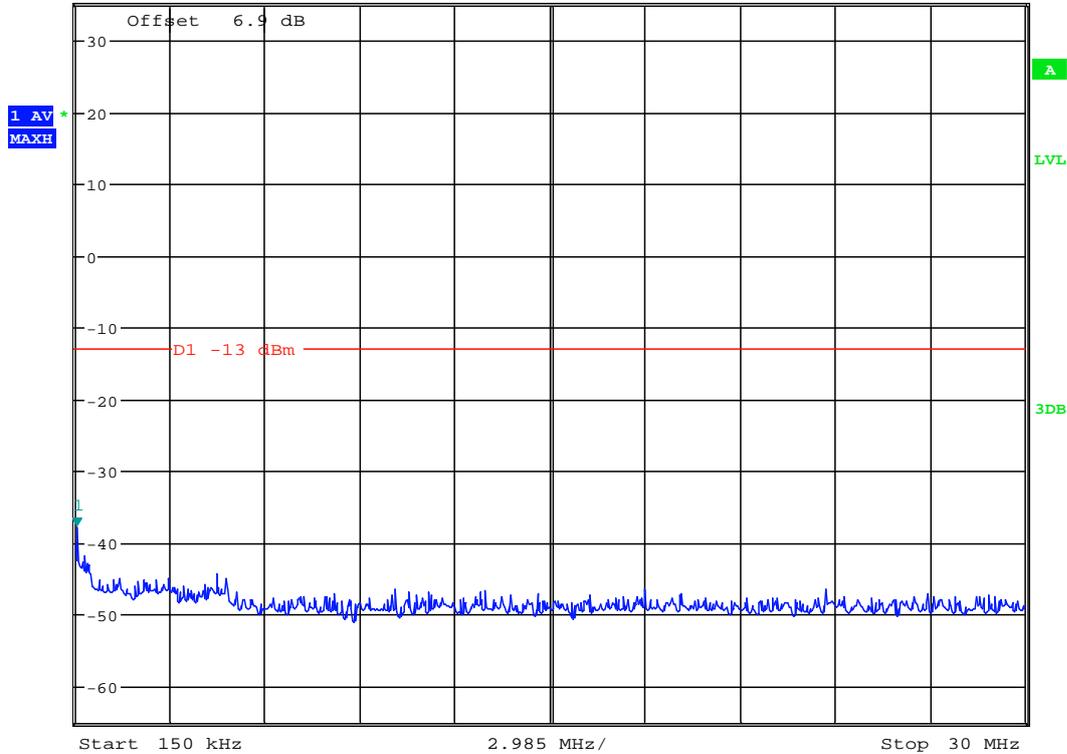
# Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & Part 22 Subpart H





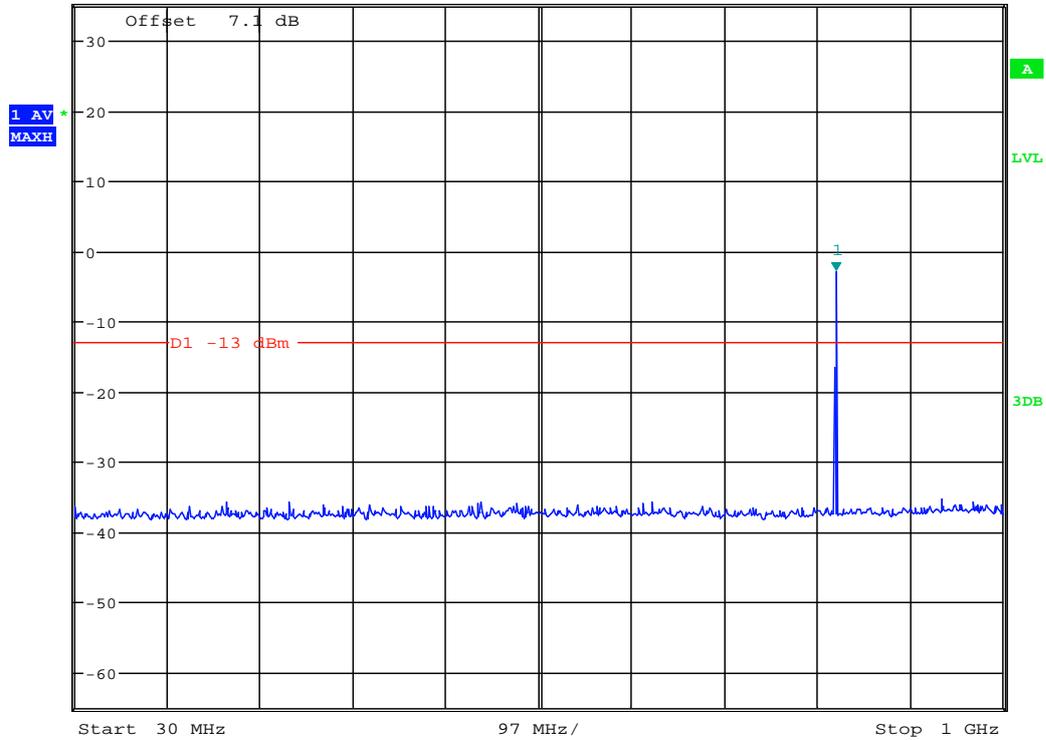
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -37.83 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      197.836538462 kHz



Date: 21.DEC.2010 14:35:06



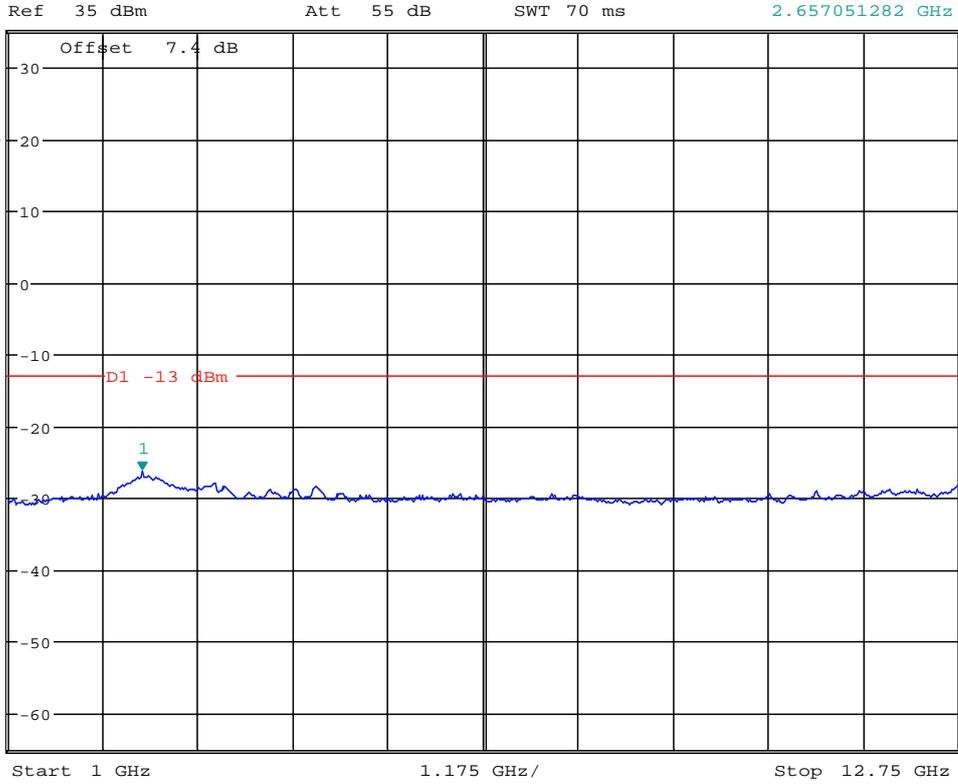
\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      -2.82 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      825.897435897 MHz



Date: 21.DEC.2010 14:35:50



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.33 dBm  
SWT 70 ms      2.657051282 GHz



Date: 21.DEC.2010 14:36:34



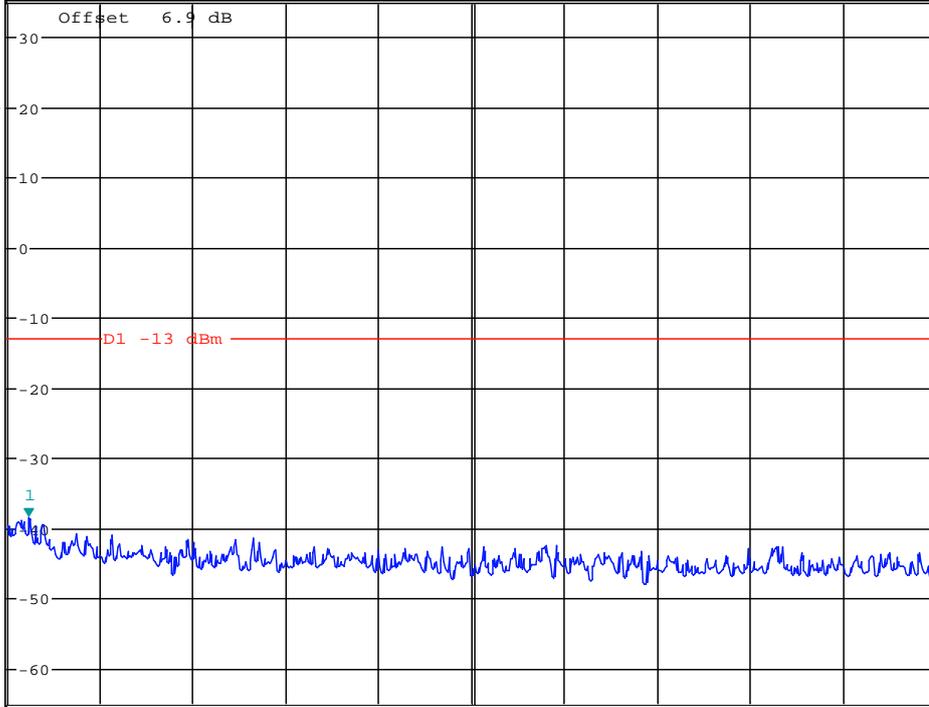
# Channel192



\*RBW 1 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -38.52 dBm  
SWT 145 ms      12.163461538 kHz

Ref 35 dBm

Att 55 dB

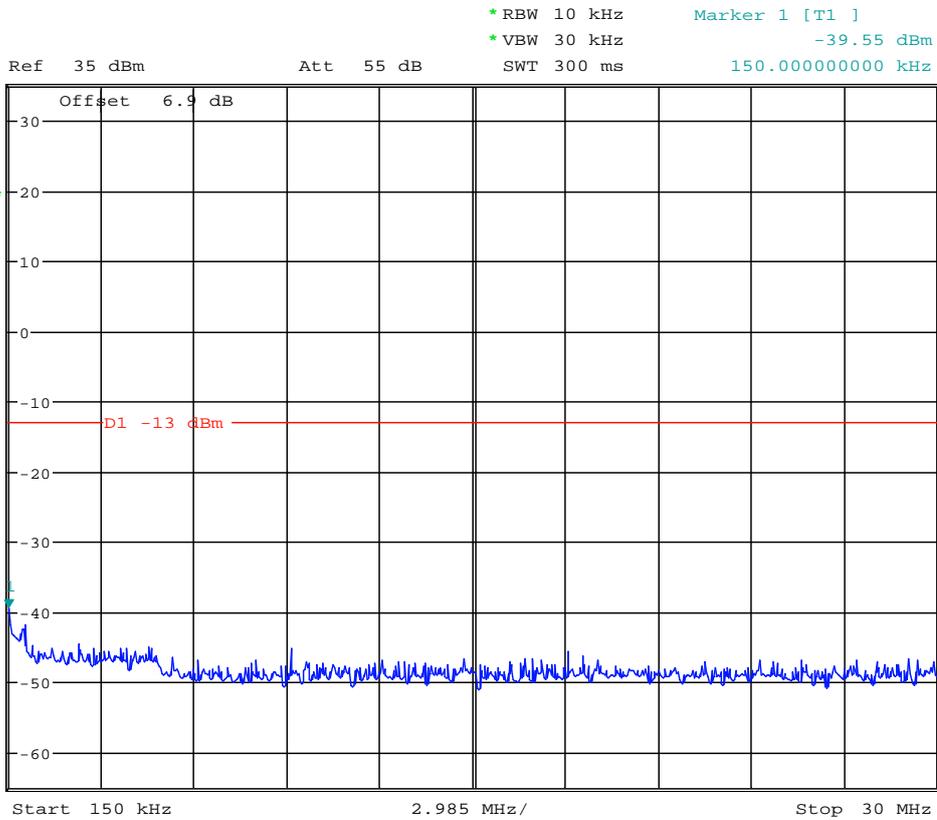


Start 9 kHz

14.1 kHz/

Stop 150 kHz

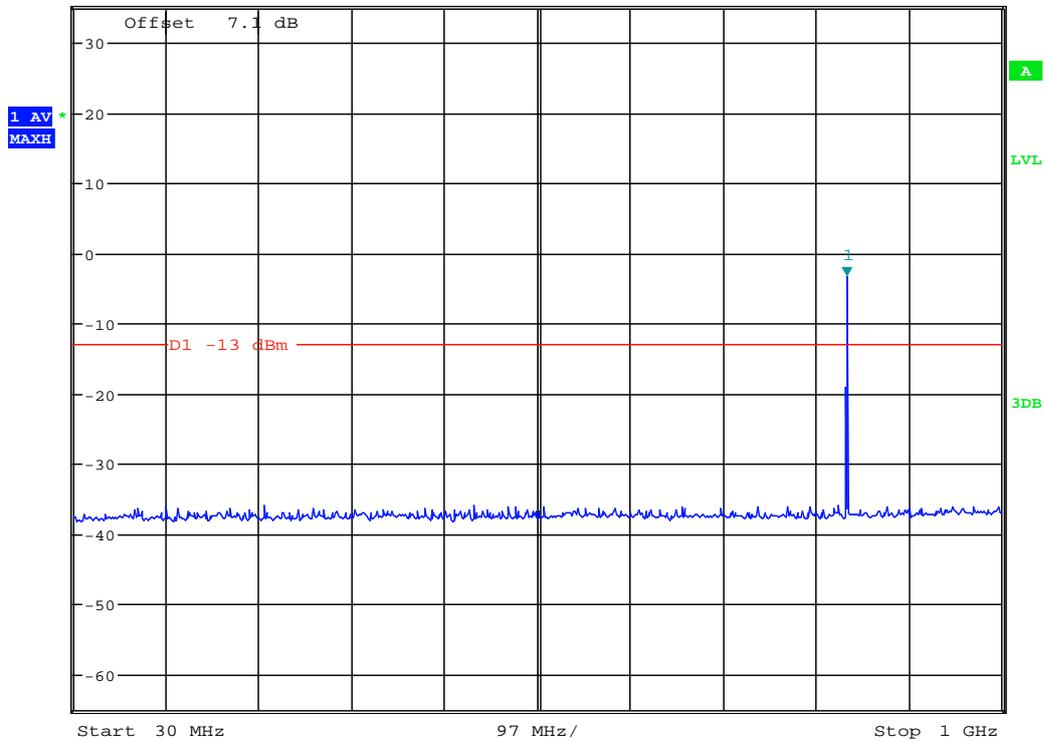
Date: 21.DEC.2010 14:34:37



Date: 21.DEC.2010 14:35:21



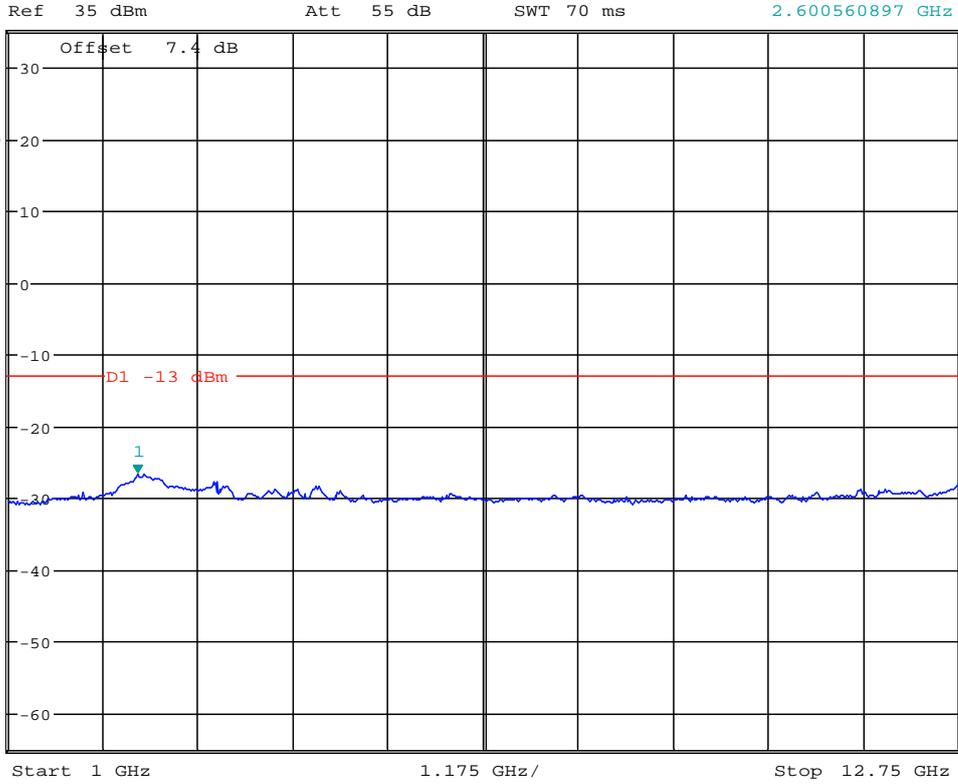
\*RBW 100 kHz      Marker 1 [T1 ]  
 \*VBW 300 kHz      -3.29 dBm  
 Ref 35 dBm      Att 55 dB      SWT 100 ms      838.333333333 MHz



Date: 21.DEC.2010 14:36:04



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.68 dBm  
SWT 70 ms      2.600560897 GHz



Date: 21.DEC.2010 14:36:48



FCC Test Report of E173s-3  
FCC ID: QISE173S-3

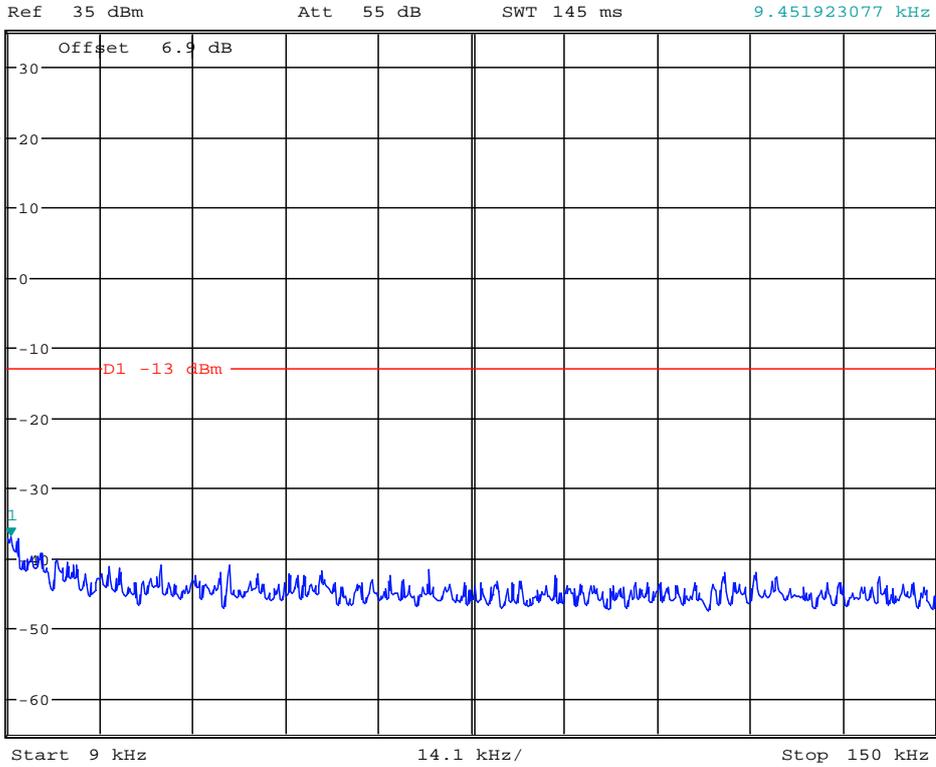




# Channel251



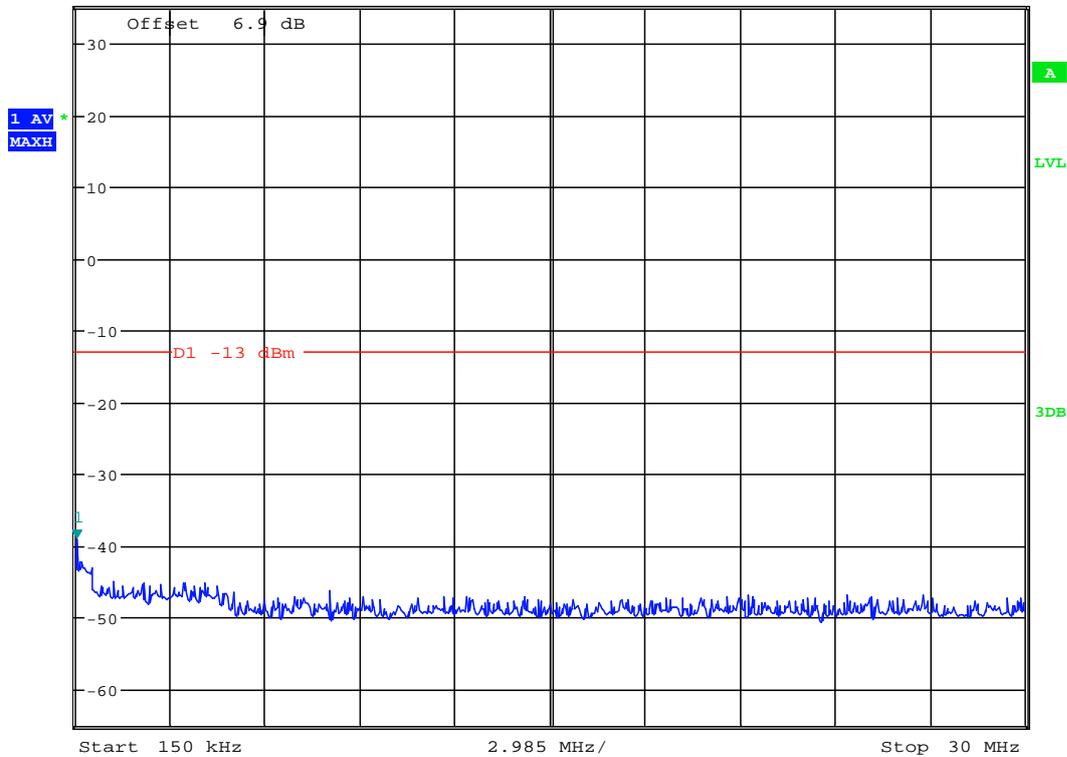
\*RBW 1 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -37.02 dBm  
SWT 145 ms      9.451923077 kHz



Date: 21.DEC.2010 14:34:51



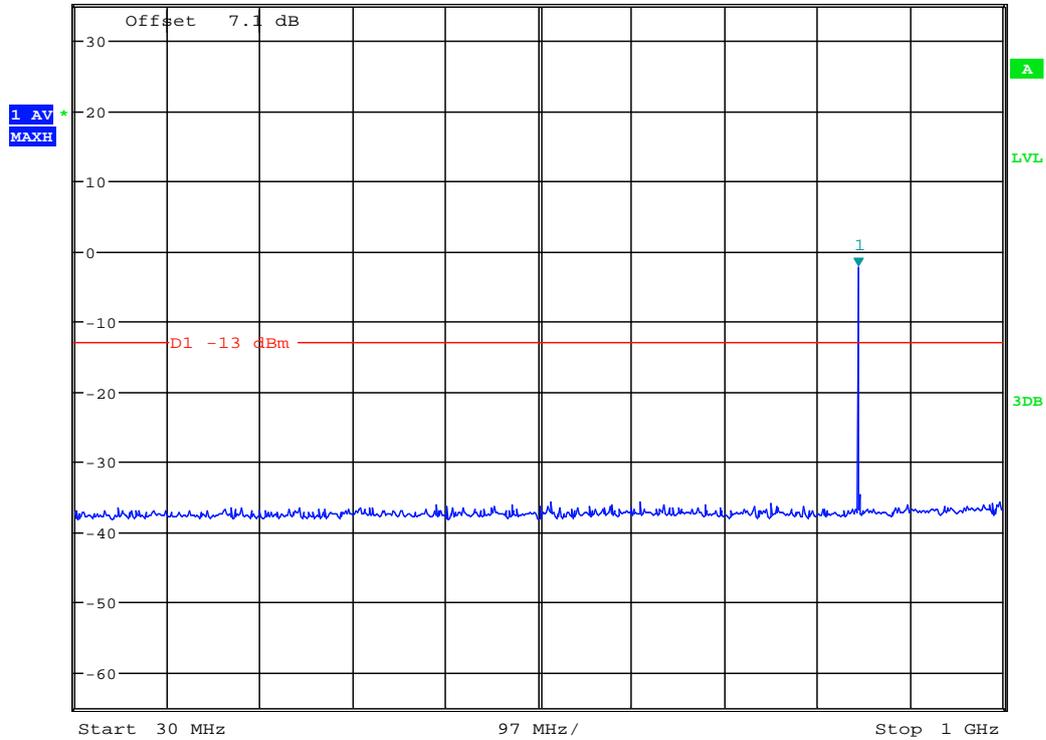
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -39.16 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      197.836538462 kHz



Date: 21.DEC.2010 14:35:35



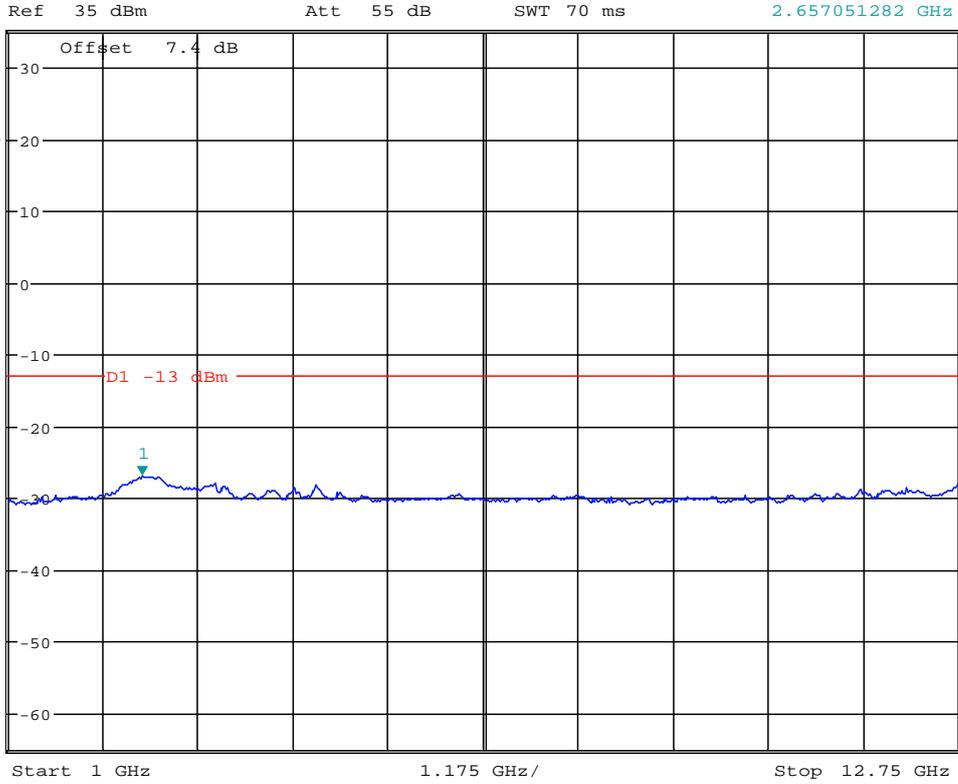
\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      -2.39 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      849.2147433590 MHz



Date: 21.DEC.2010 14:36:19



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.92 dBm  
SWT 70 ms      2.657051282 GHz

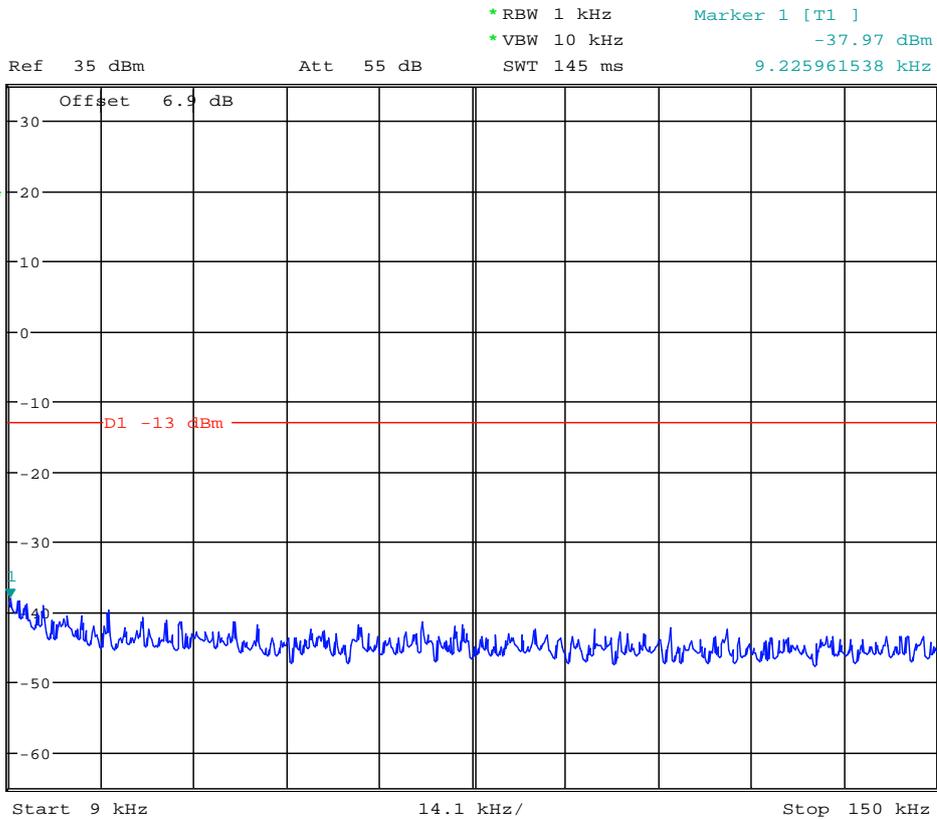


Date: 21.DEC.2010 14:37:03



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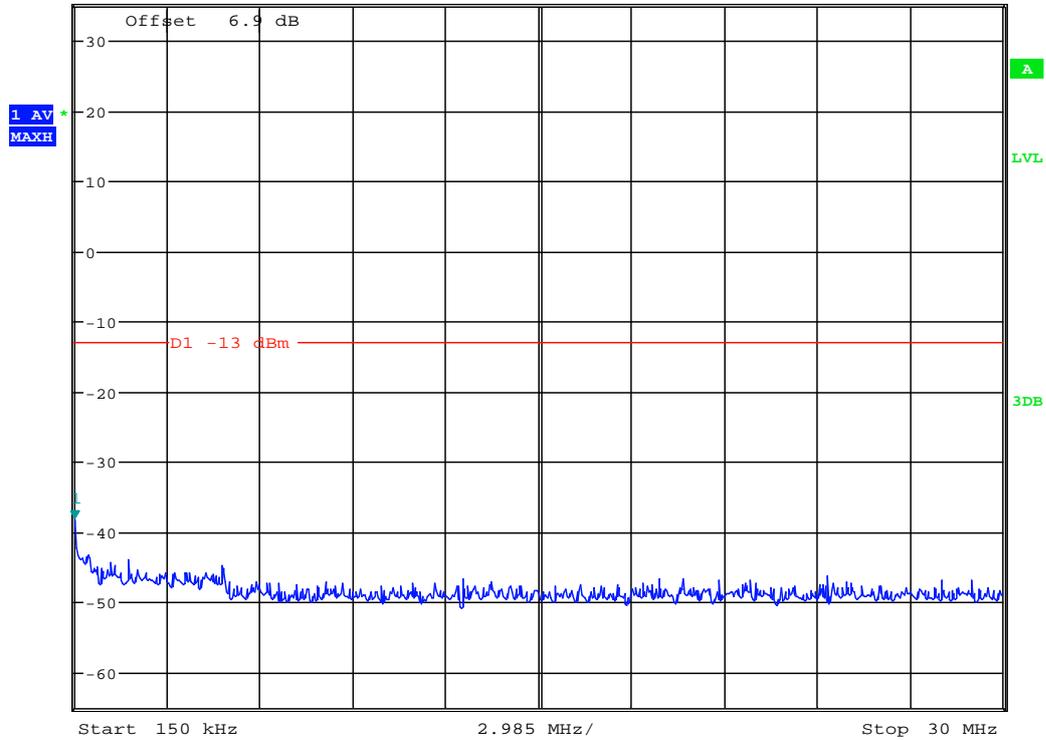
TM2:EDGE  
Channel  
128



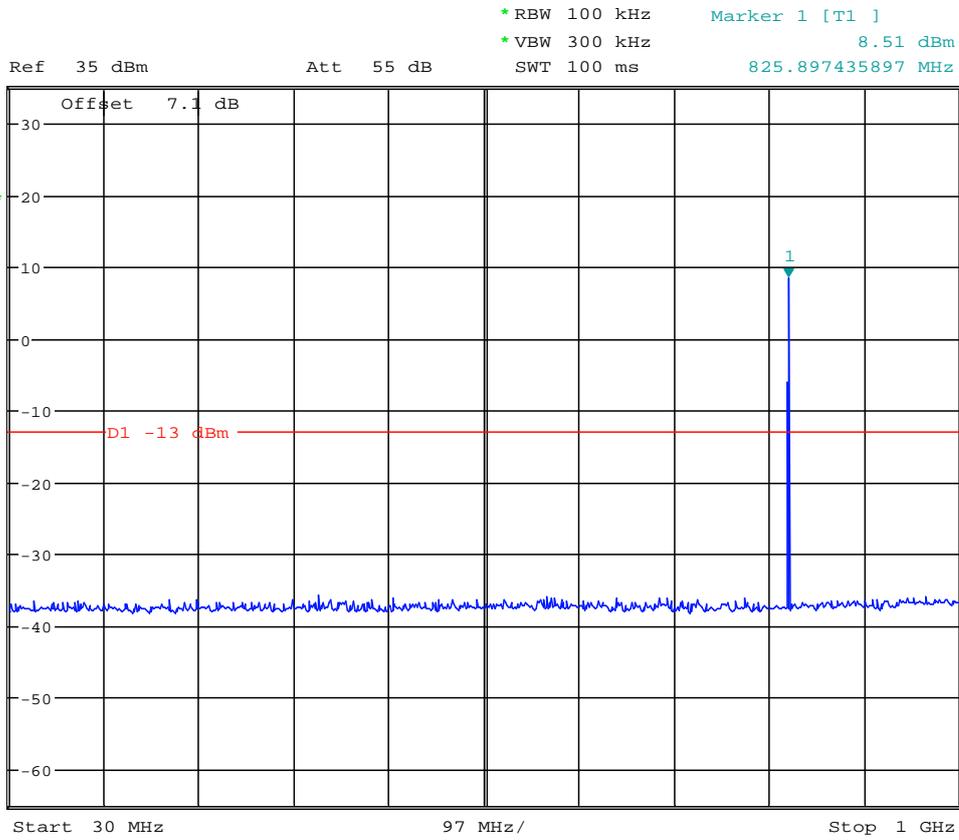
Date: 21.DEC.2010 14:40:40



\*RBW 10 kHz      Marker 1 [T1 ]  
 \*VBW 30 kHz      -38.26 dBm  
 Ref 35 dBm      Att 55 dB      SWT 300 ms      150.000000000 kHz



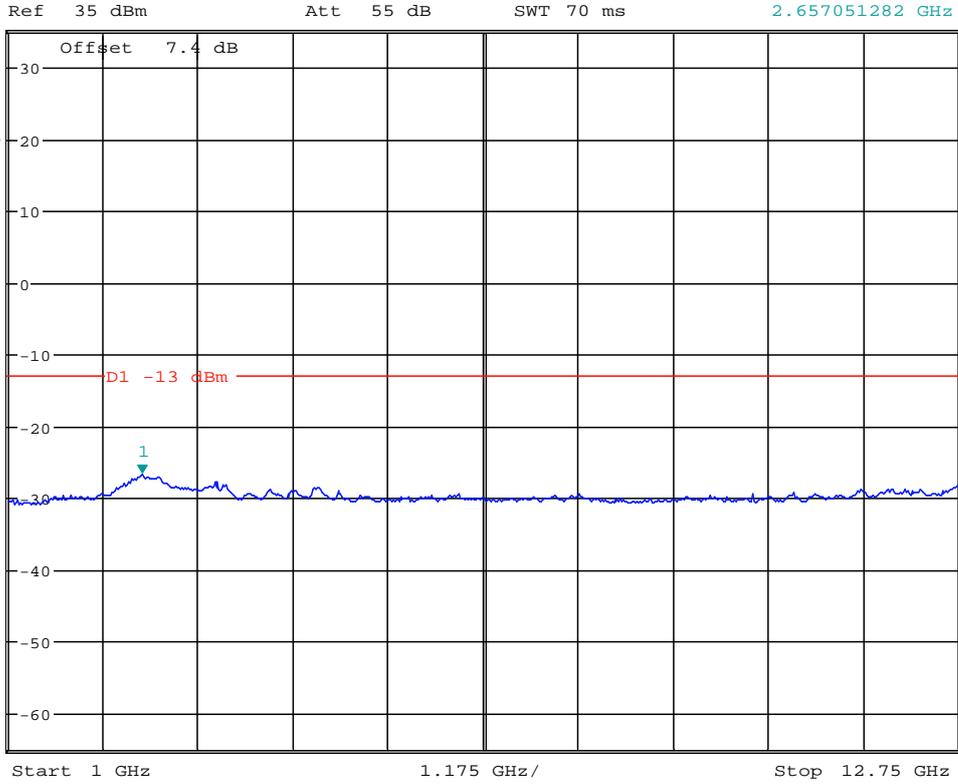
Date: 21.DEC.2010 14:41:23



Date: 21.DEC.2010 14:42:07



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.63 dBm  
SWT 70 ms      2.657051282 GHz



Date: 21.DEC.2010 14:42:51



# Channel 192

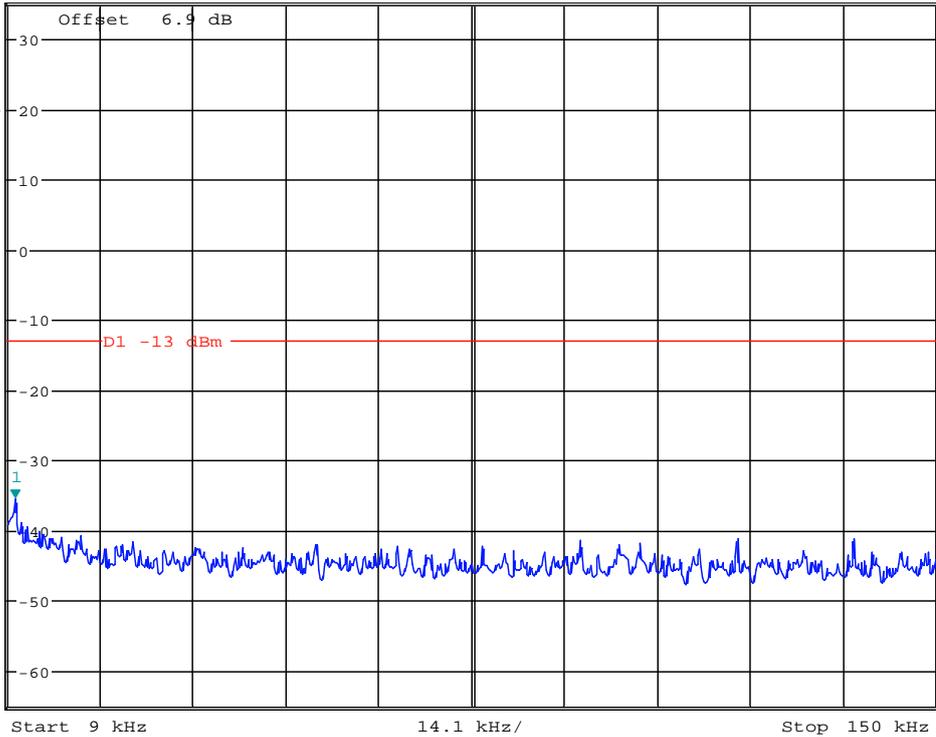


\* RBW 1 kHz  
\* VBW 10 kHz  
SWT 145 ms

Marker 1 [T1 ]  
-35.49 dBm  
10.129807692 kHz

Ref 35 dBm

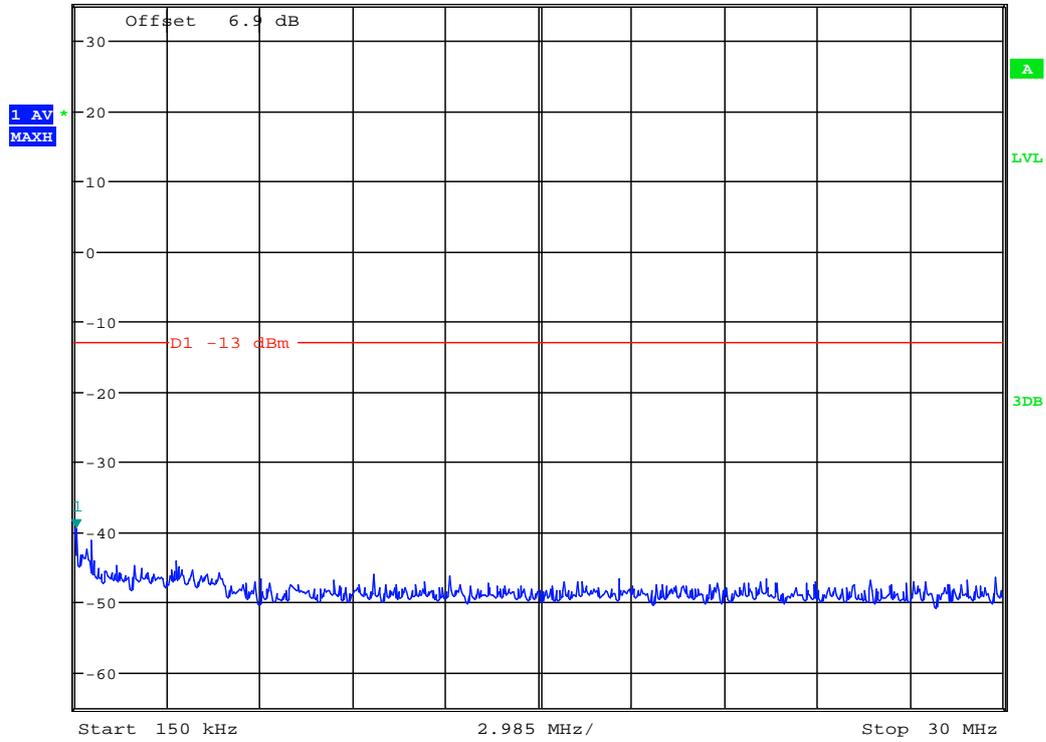
Att 55 dB



Date: 21.DEC.2010 14:40:54



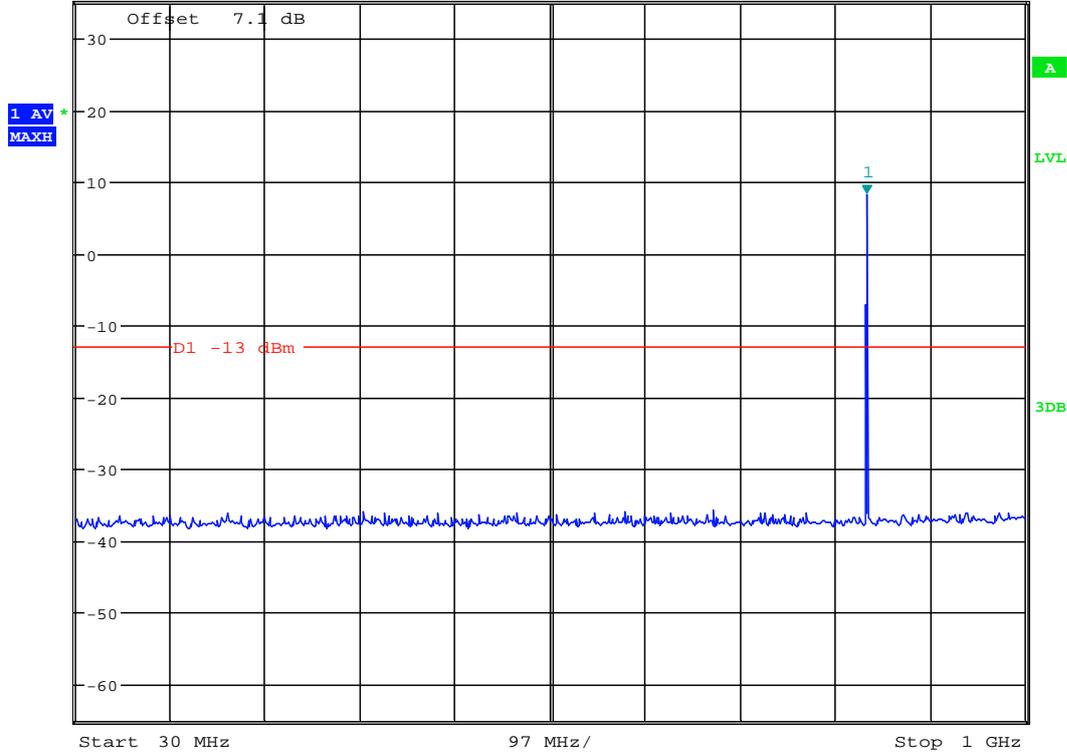
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -39.53 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      197.836538462 kHz



Date: 21.DEC.2010 14:41:38



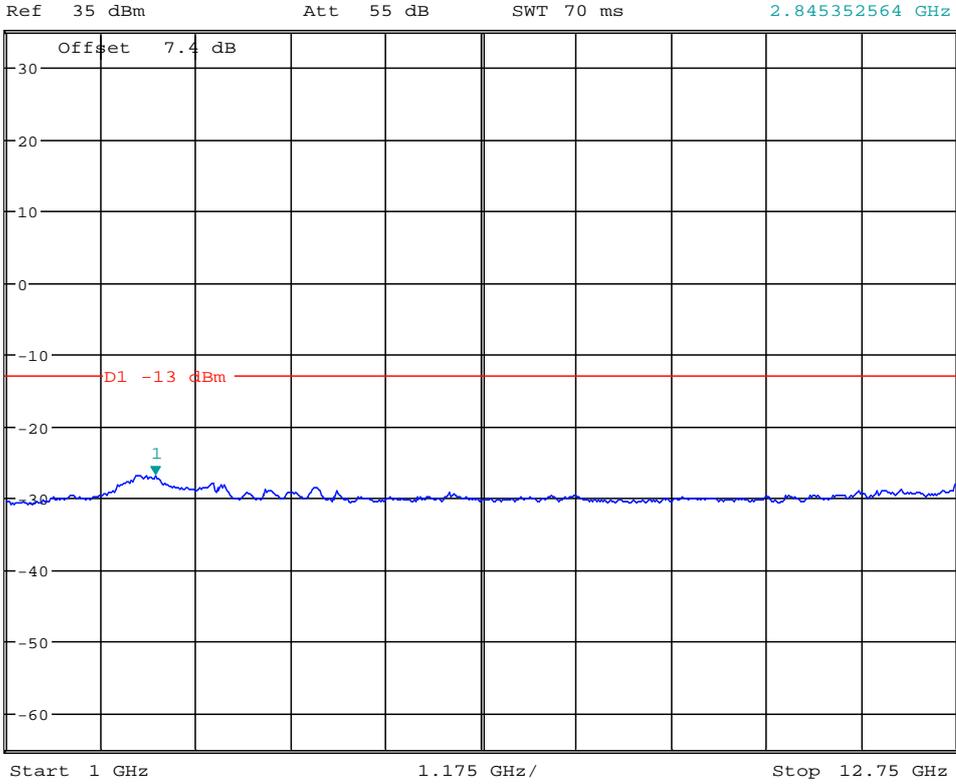
\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      8.28 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      838.333333333 MHz



Date: 21.DEC.2010 14:42:21



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.80 dBm  
SWT 70 ms      2.845352564 GHz



Date: 21.DEC.2010 14:43:05



FCC Test Report of E173s-3  
FCC ID: QISE173S-3





# Channel 251



\* RBW 10 kHz  
\* VBW 30 kHz  
SWT 300 ms

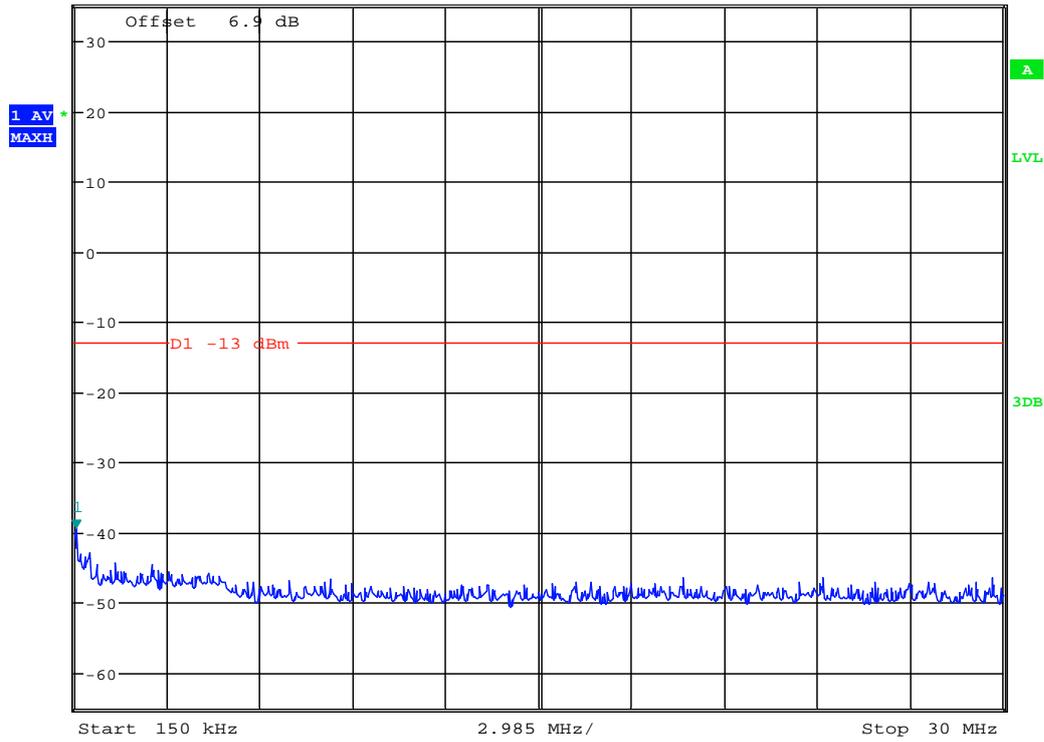
Marker 1 [T1 ]  
-39.45 dBm  
197.836538462 kHz

Ref 35 dBm

Att 55 dB

SWT 300 ms

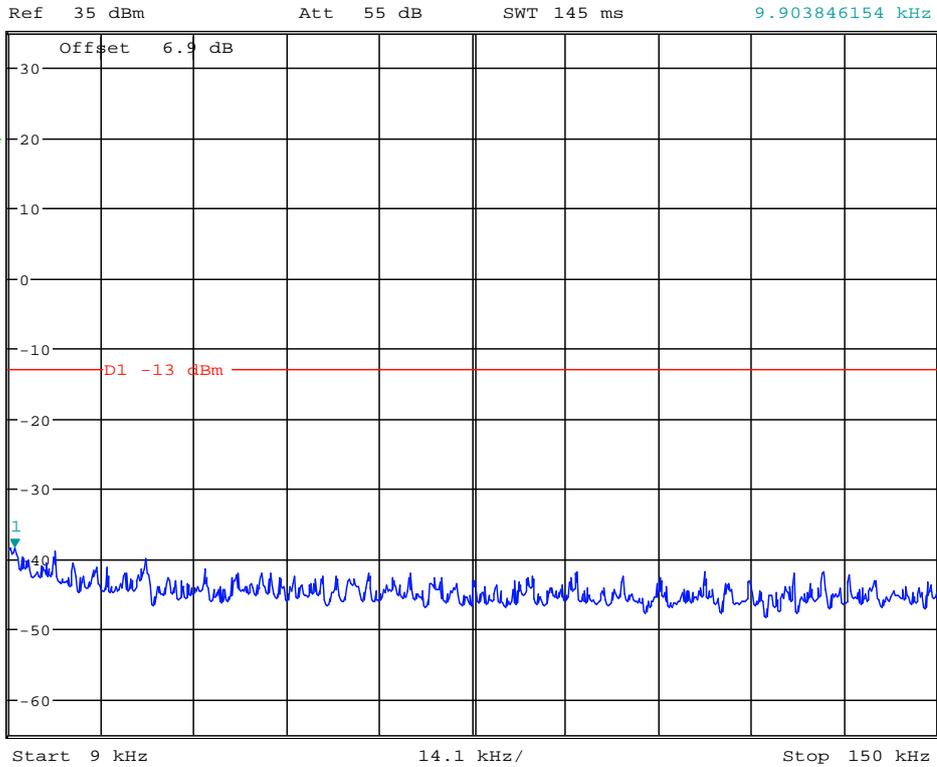
197.836538462 kHz



Date: 21.DEC.2010 14:41:52



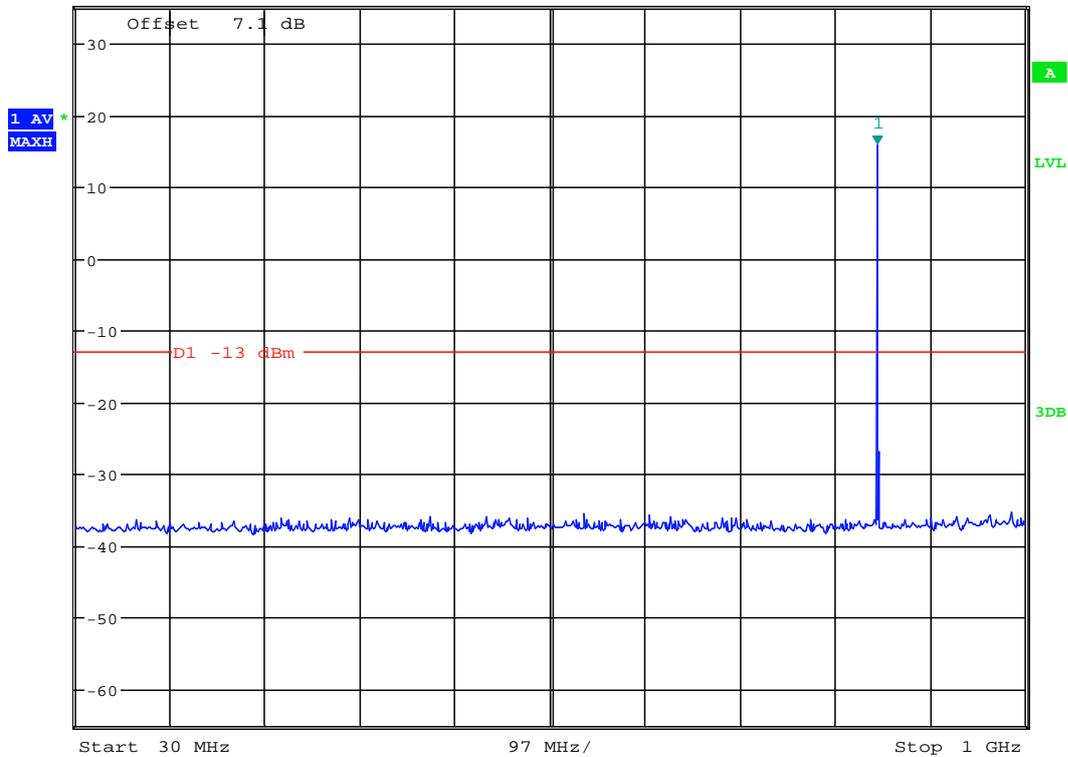
\*RBW 1 kHz      Marker 1 [T1 ]  
\*VBW 10 kHz      -38.44 dBm  
9.903846154 kHz



Date: 21.DEC.2010 14:41:08



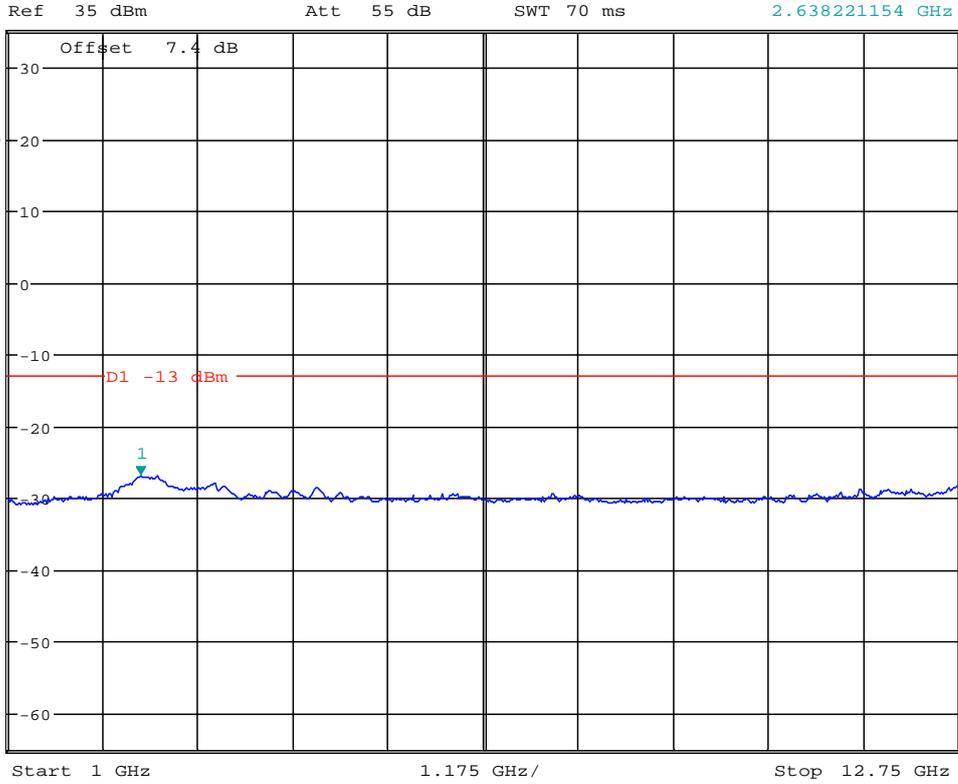
\*RBW 100 kHz      Marker 1 [T1 ]  
 \*VBW 300 kHz      15.84 dBm  
 Ref 35 dBm      Att 55 dB      SWT 100 ms      849.214743590 MHz



Date: 21.DEC.2010 14:42:36



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -26.88 dBm  
SWT 70 ms      2.638221154 GHz



Date: 21.DEC.2010 14:43:20



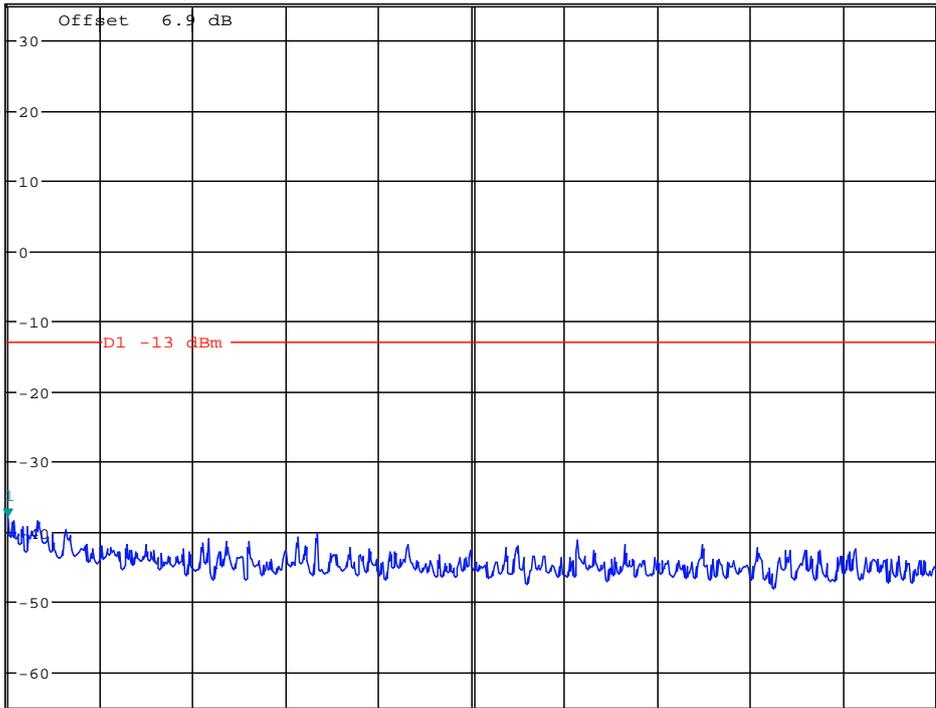
# TM3: WCDMA Channel 4132



\*RBW 1 kHz                      Marker 1 [T1 ]  
\*VBW 10 kHz                      -38.06 dBm  
SWT 145 ms                      9.000000000 kHz

Ref 35 dBm                      Att 55 dB                      Offset 6.9 dB

1 RM  
MAXH

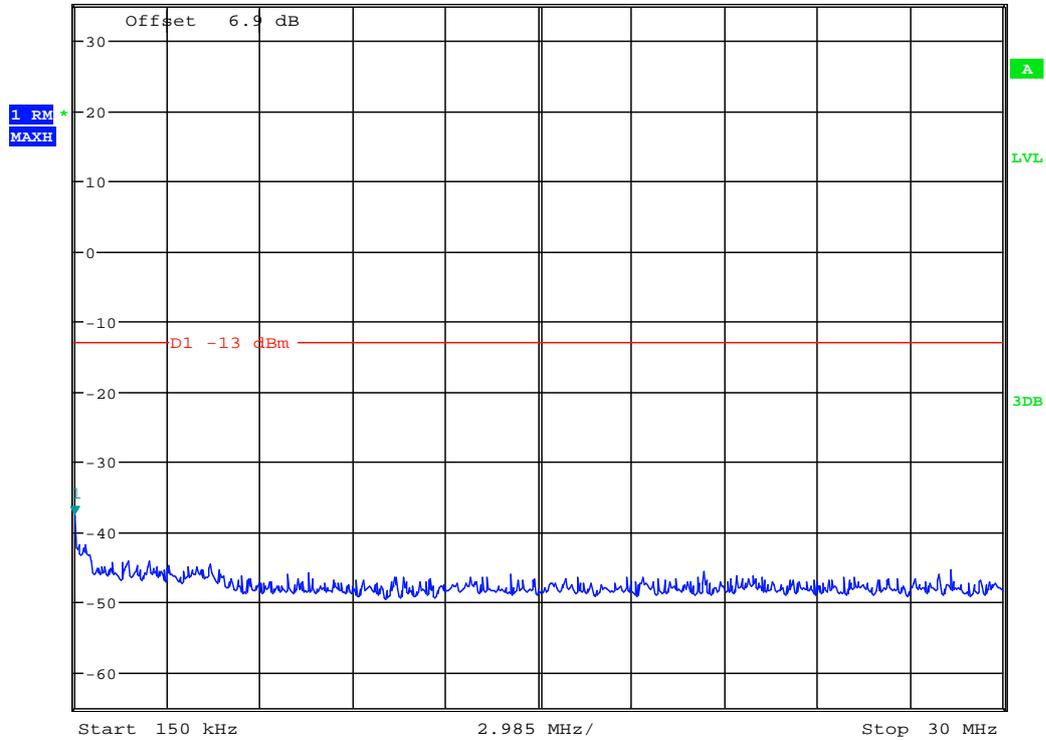


Start 9 kHz                      14.1 kHz/                      Stop 150 kHz

Date: 23.DEC.2010 09:28:38



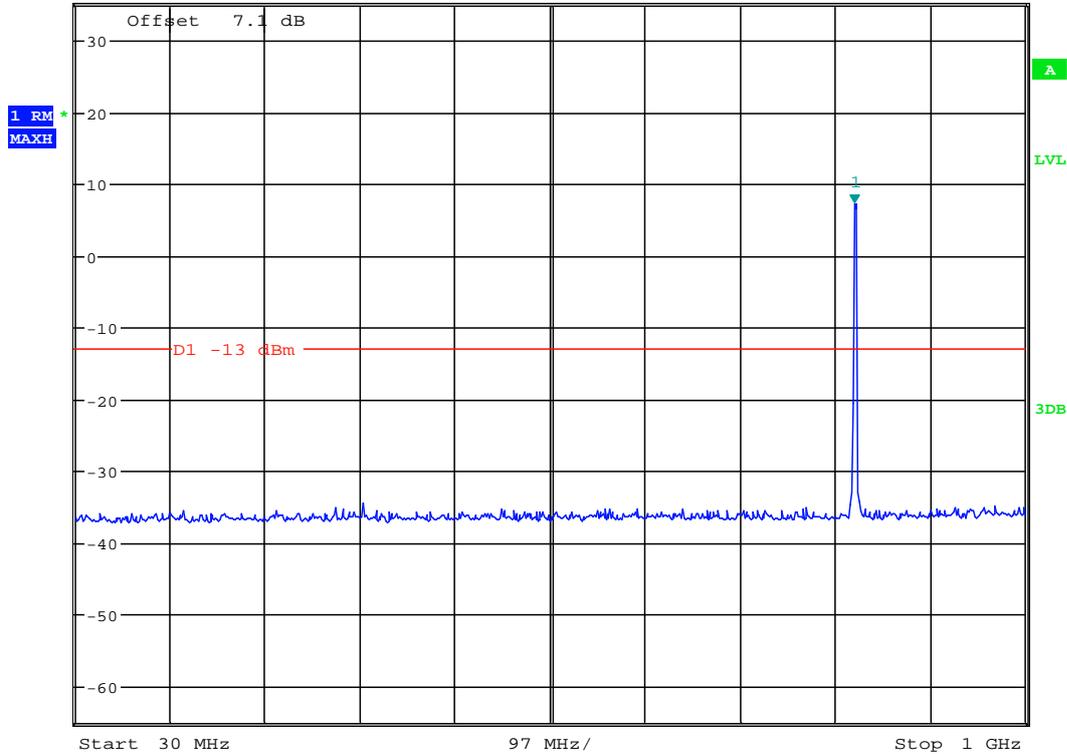
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -37.67 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      150.000000000 kHz



Date: 23.DEC.2010 09:29:22



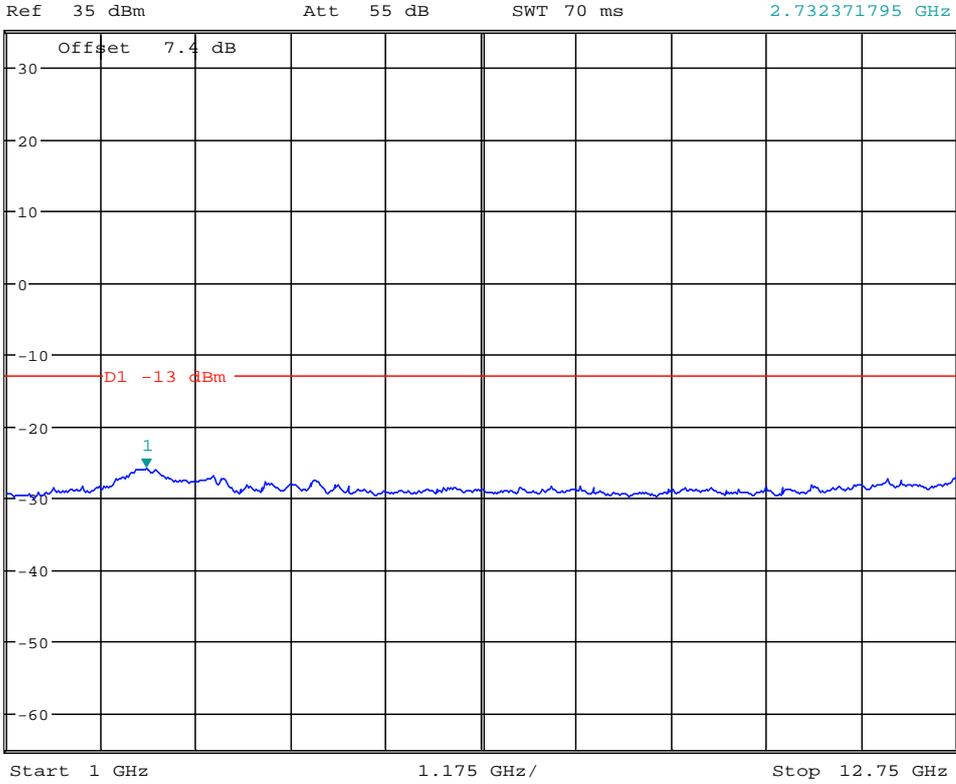
\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      7.23 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      825.897435897 MHz



Date: 23.DEC.2010 09:30:05



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -25.91 dBm  
SWT 70 ms      2.732371795 GHz



Date: 23.DEC.2010 09:30:49



# Channel 4182

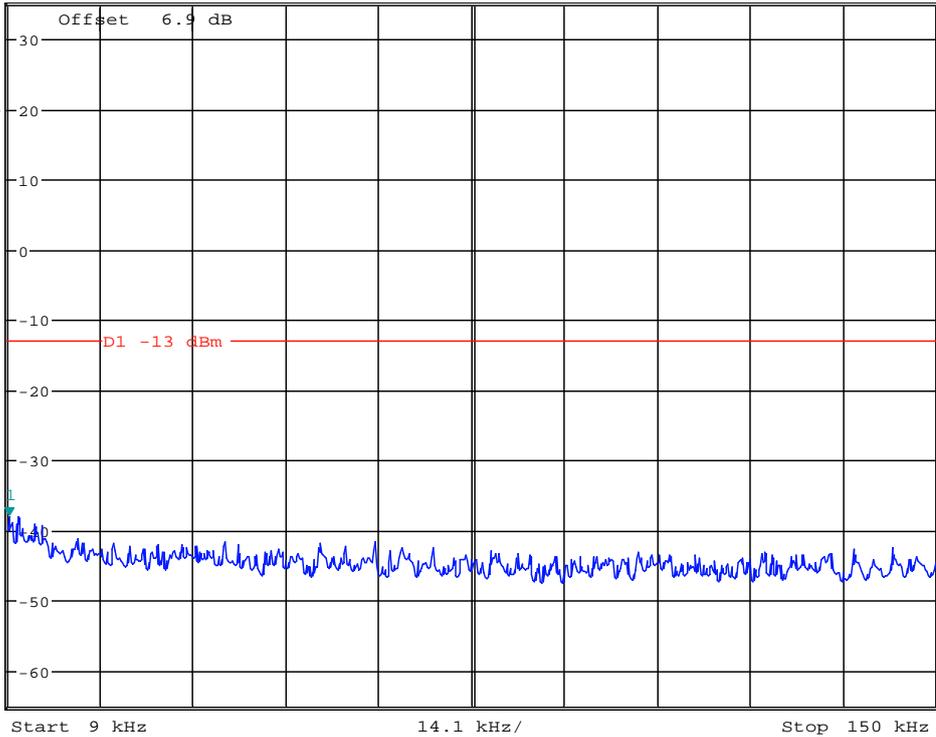


\* RBW 1 kHz  
\* VBW 10 kHz  
SWT 145 ms

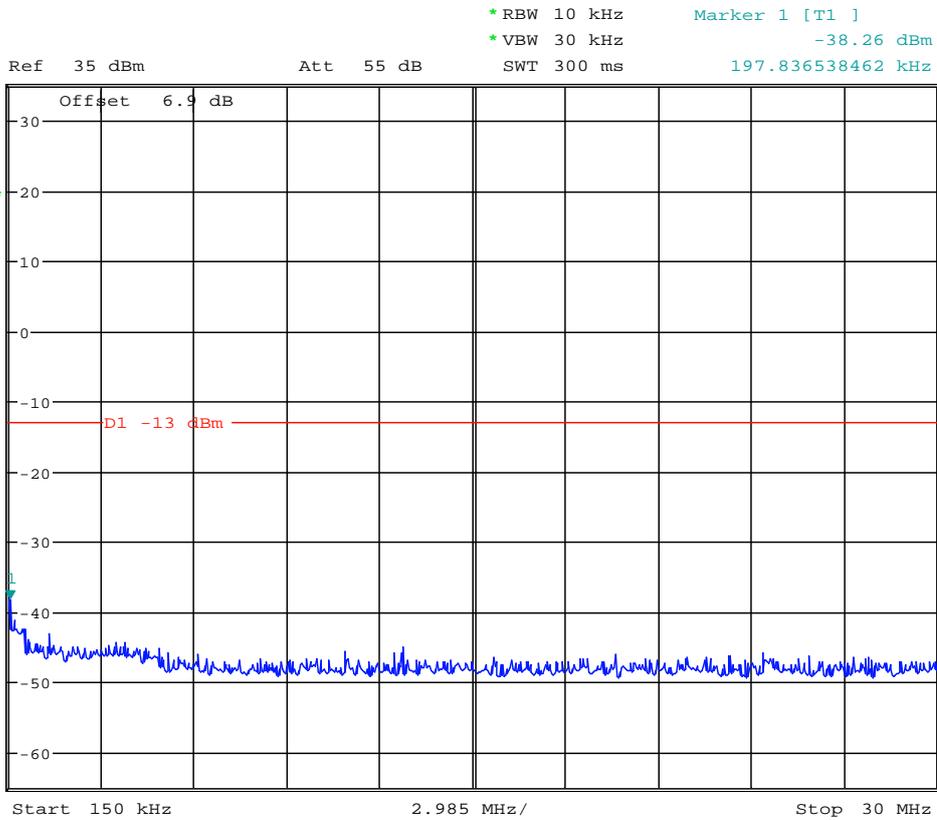
Marker 1 [T1 ]  
-37.97 dBm  
9.225961538 kHz

Ref 35 dBm

Att 55 dB



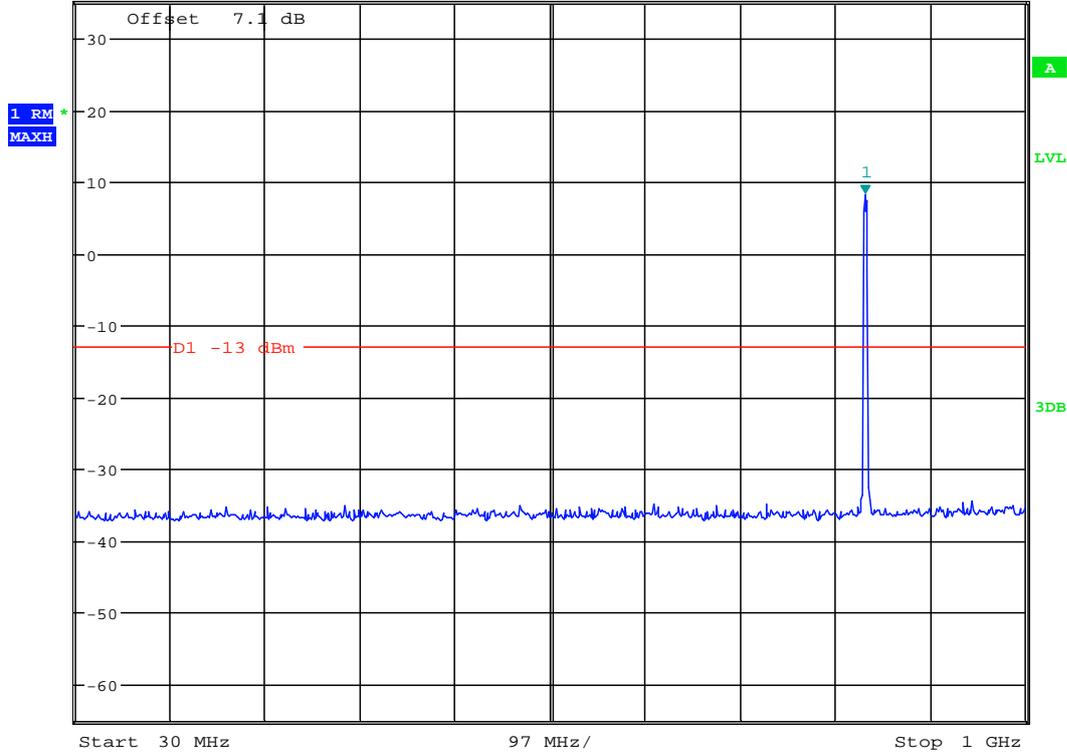
Date: 23.DEC.2010 09:28:52



Date: 23.DEC.2010 09:29:36



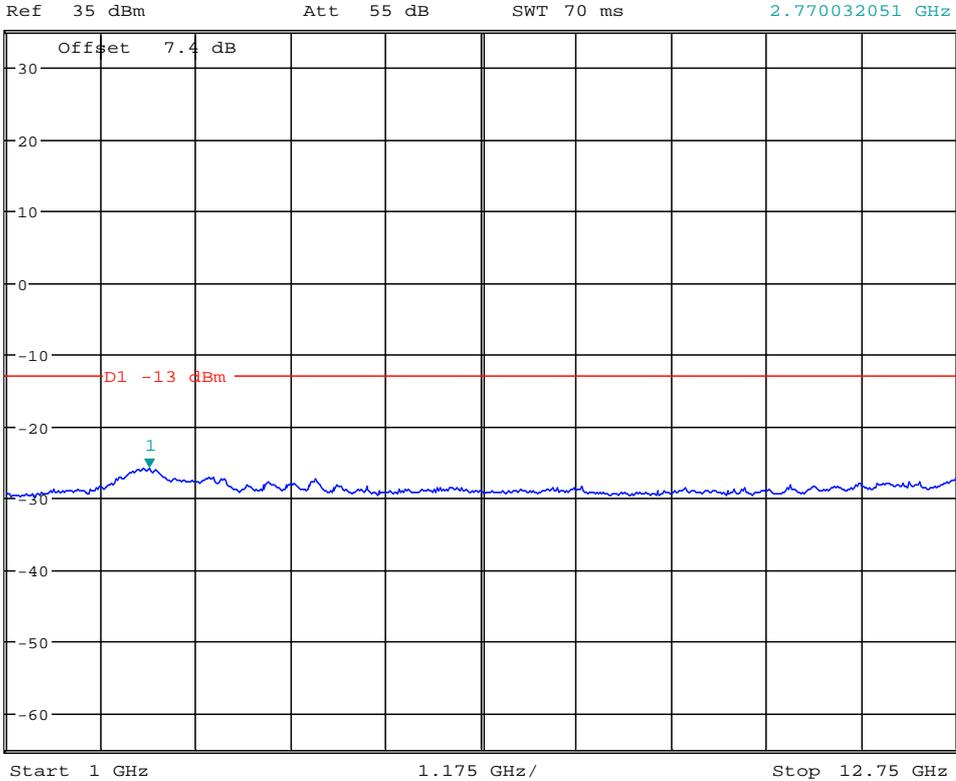
\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      8.25 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      836.778846154 MHz



Date: 23.DEC.2010 09:30:20



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -25.80 dBm  
SWT 70 ms      2.770032051 GHz



Date: 23.DEC.2010 09:31:03

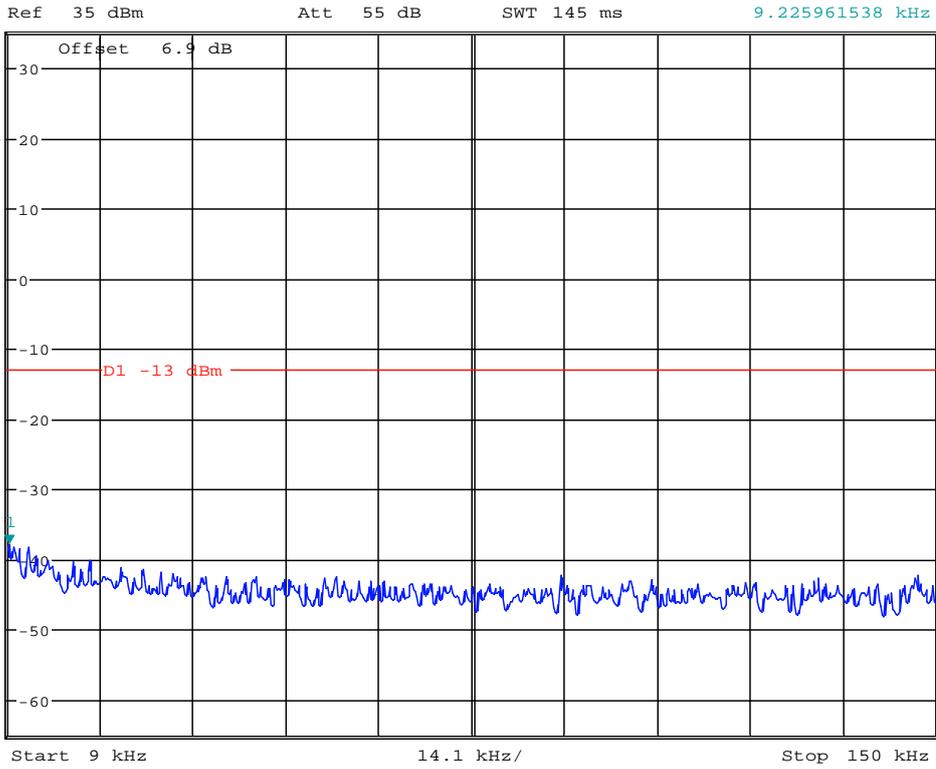


# Channel 4233



\* RBW 1 kHz  
\* VBW 10 kHz  
SWT 145 ms

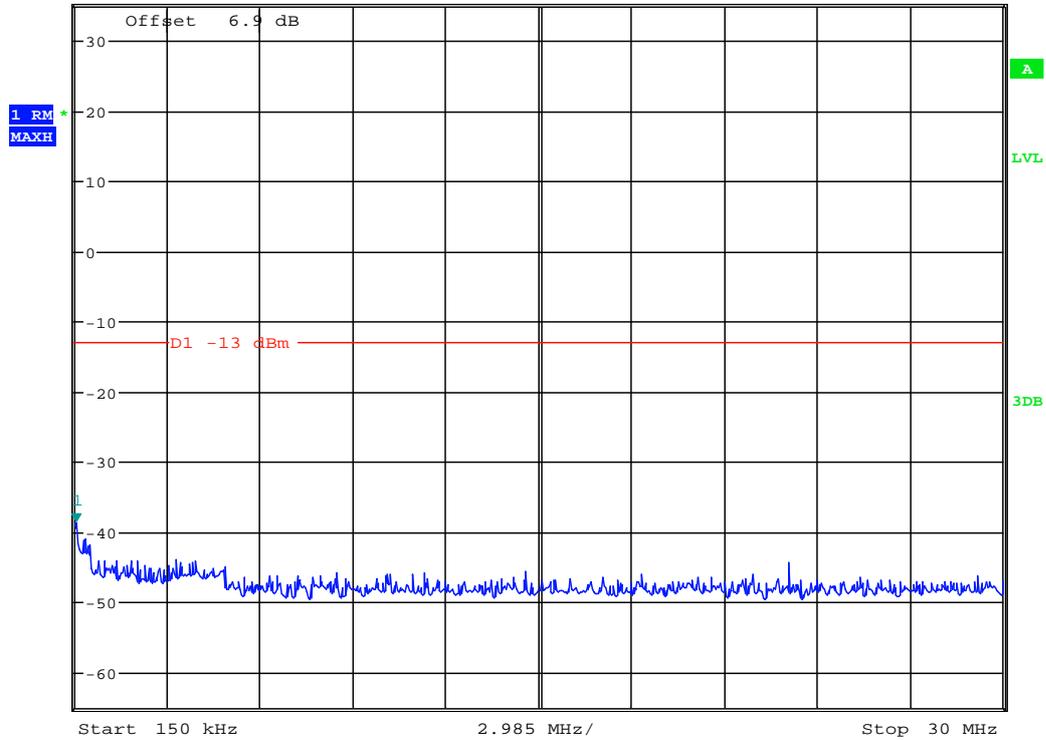
Marker 1 [T1 ]  
-37.73 dBm  
9.225961538 kHz



Date: 23.DEC.2010 09:29:07



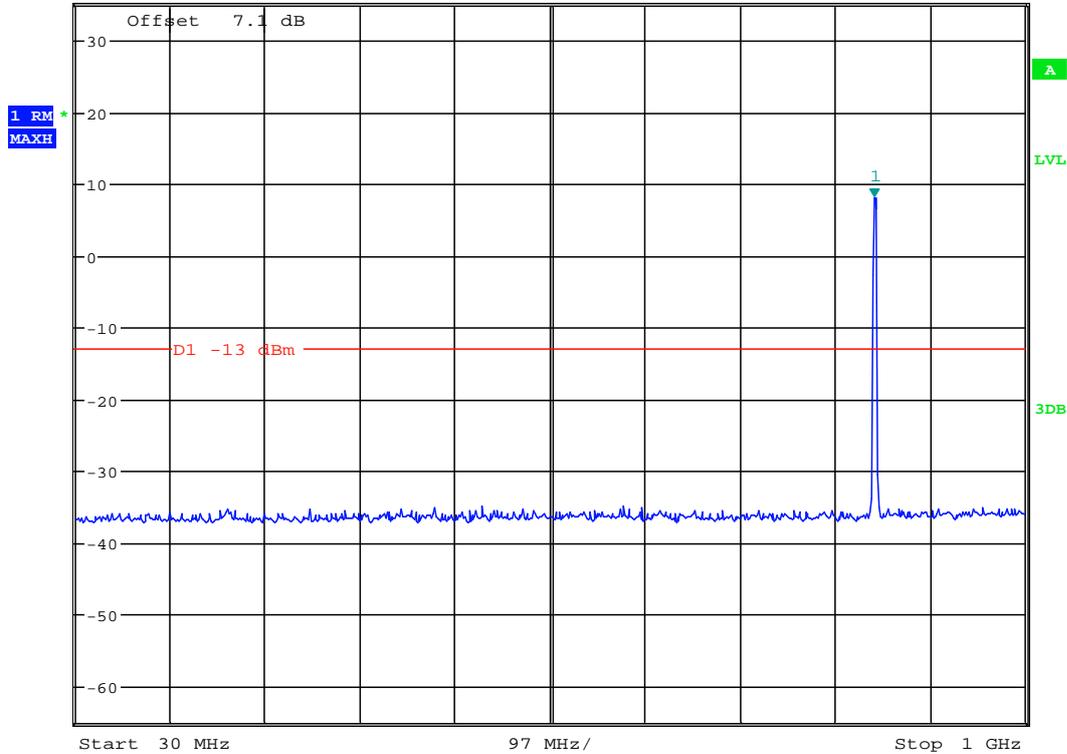
\*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      -38.61 dBm  
Ref 35 dBm      Att 55 dB      SWT 300 ms      197.836538462 kHz



Date: 23.DEC.2010 09:29:50



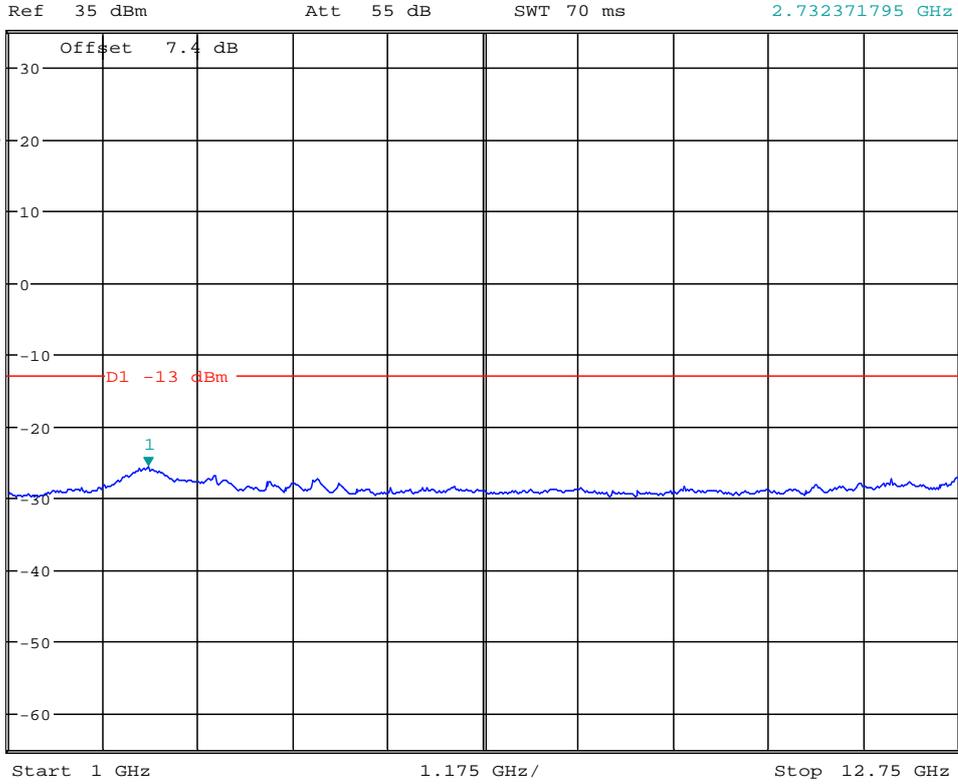
\*RBW 100 kHz      Marker 1 [T1 ]  
\*VBW 300 kHz      8.06 dBm  
Ref 35 dBm      Att 55 dB      SWT 100 ms      846.105769231 MHz



Date: 23.DEC.2010 09:30:34



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -25.63 dBm  
SWT 70 ms      2.732371795 GHz



Date: 23.DEC.2010 09:31:18