



Appendix D

Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & 22.917

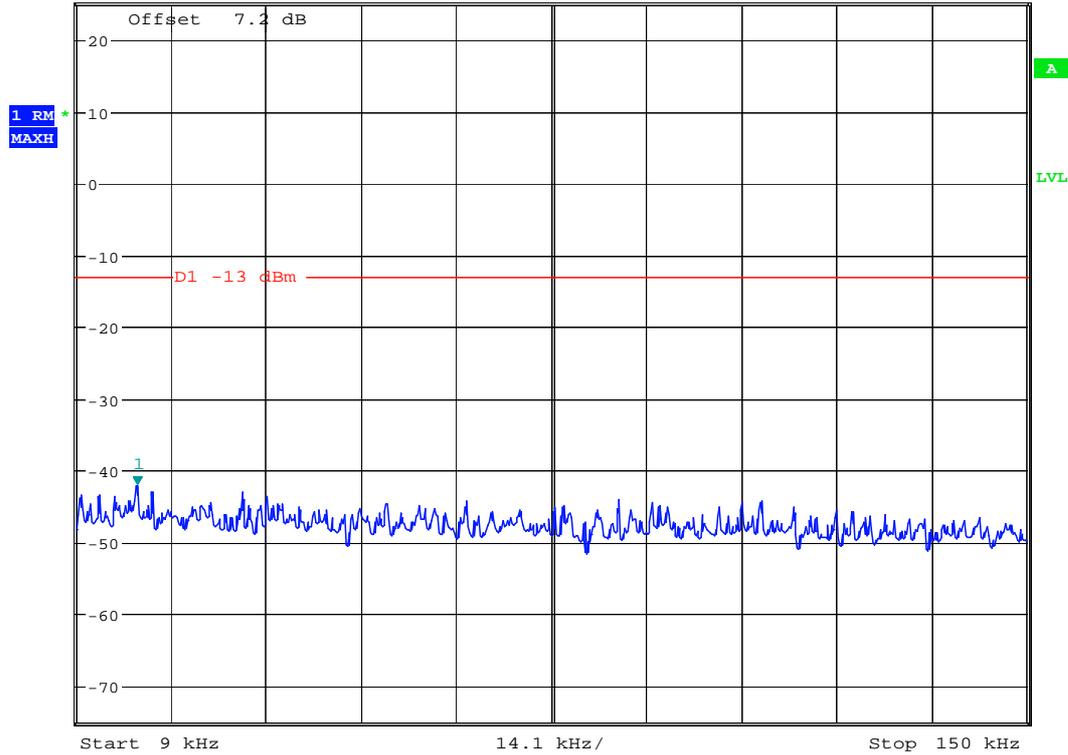


TM1

Channel 1013



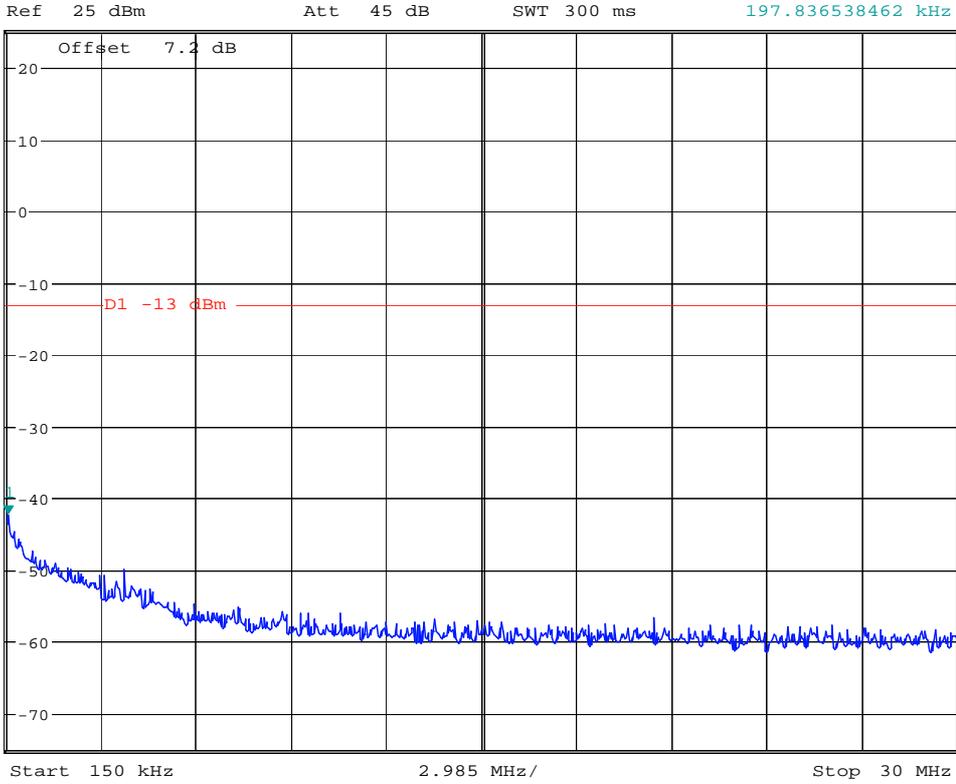
Ref 25 dBm Att 45 dB *RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -42.11 dBm
SWT 145 ms 18.038461538 kHz



Date: 19.AUG.2008 18:11:19



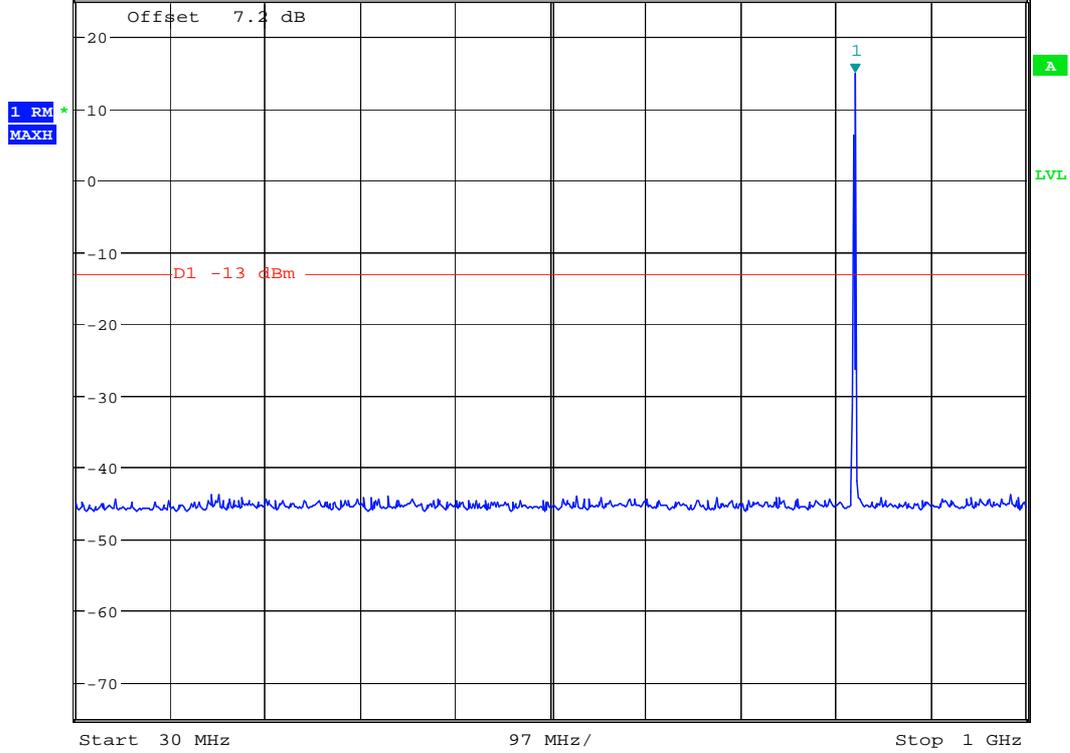
*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -42.35 dBm
SWT 300 ms 197.836538462 kHz



Date: 19.AUG.2008 18:11:46



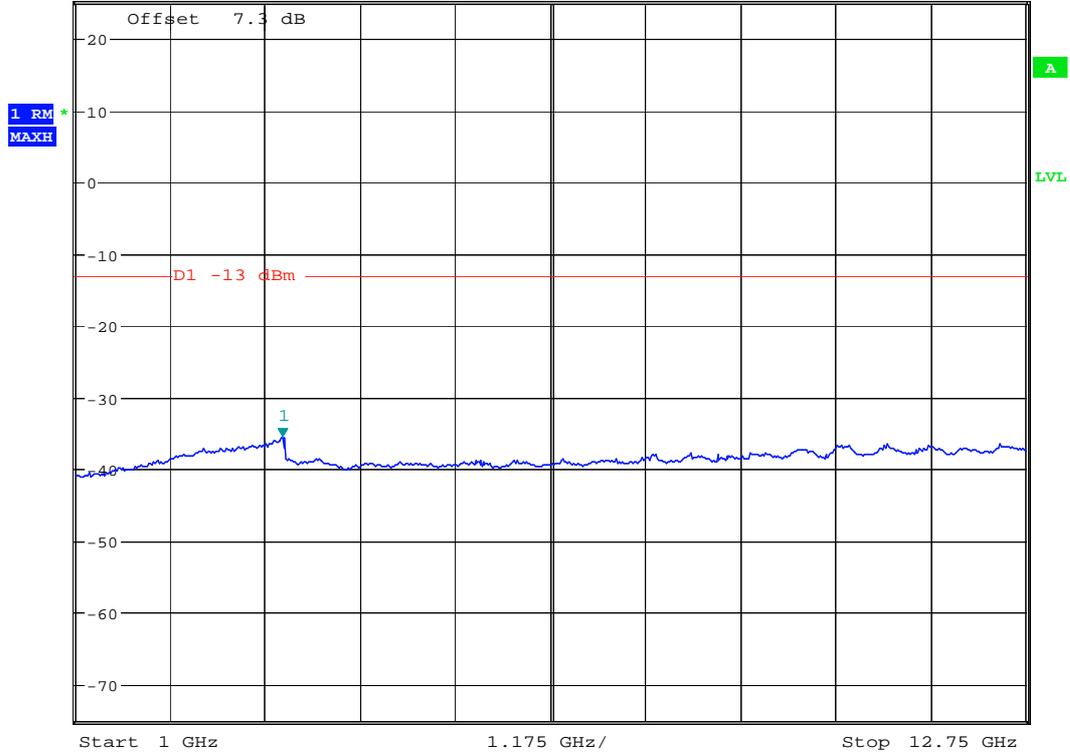
Ref 25 dBm Att 45 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 14.89 dBm
SWT 100 ms 825.897435897 MHz



Date: 19.AUG.2008 18:12:12



Ref 25 dBm Att 45 dB SWT 70 ms
*RBW 1 MHz *VBW 3 MHz
Marker 1 [T1] -35.53 dBm
3.560897436 GHz



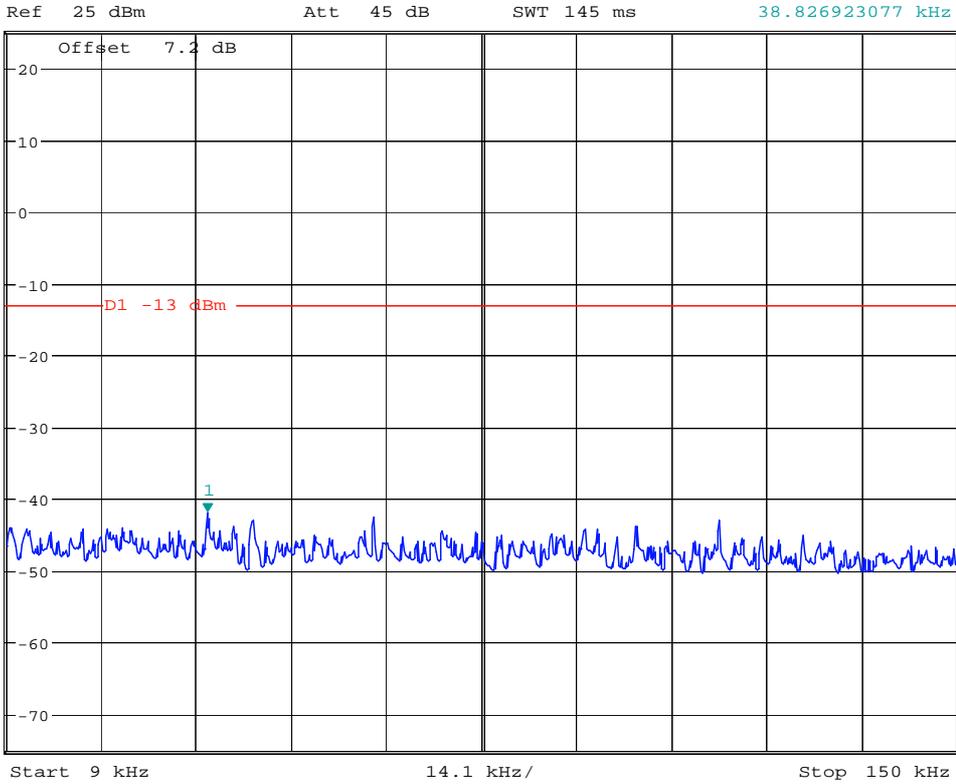
Date: 19.AUG.2008 18:12:38



Channel 384



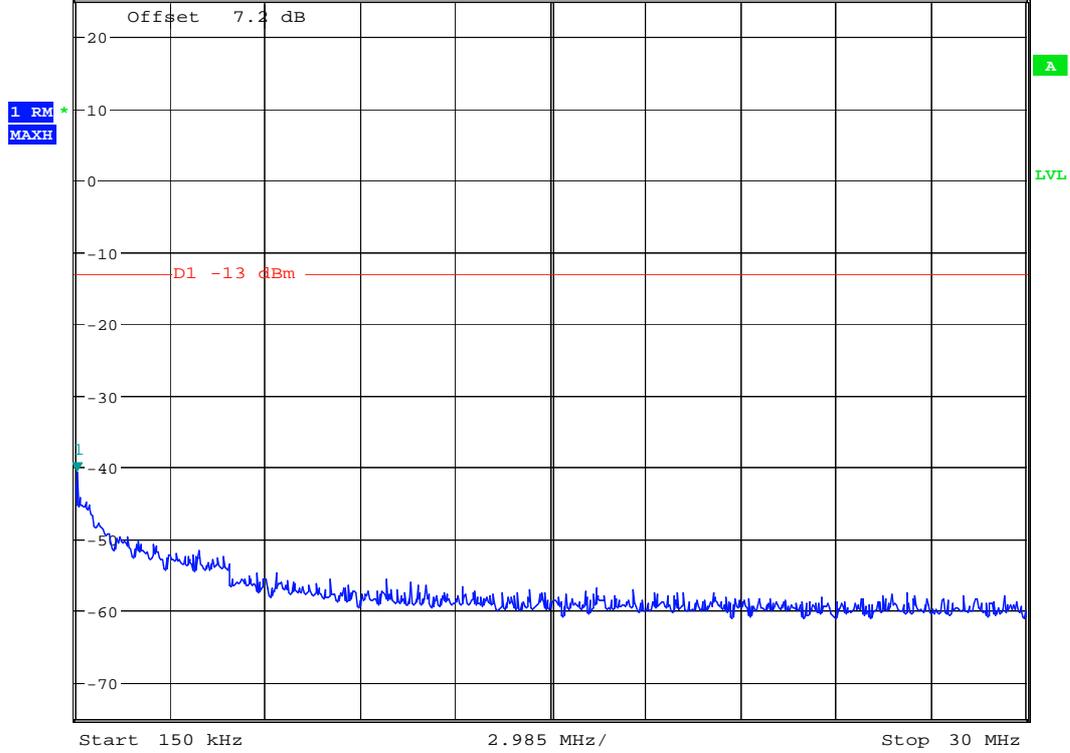
*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -41.93 dBm
38.826923077 kHz



Date: 19.AUG.2008 18:11:28



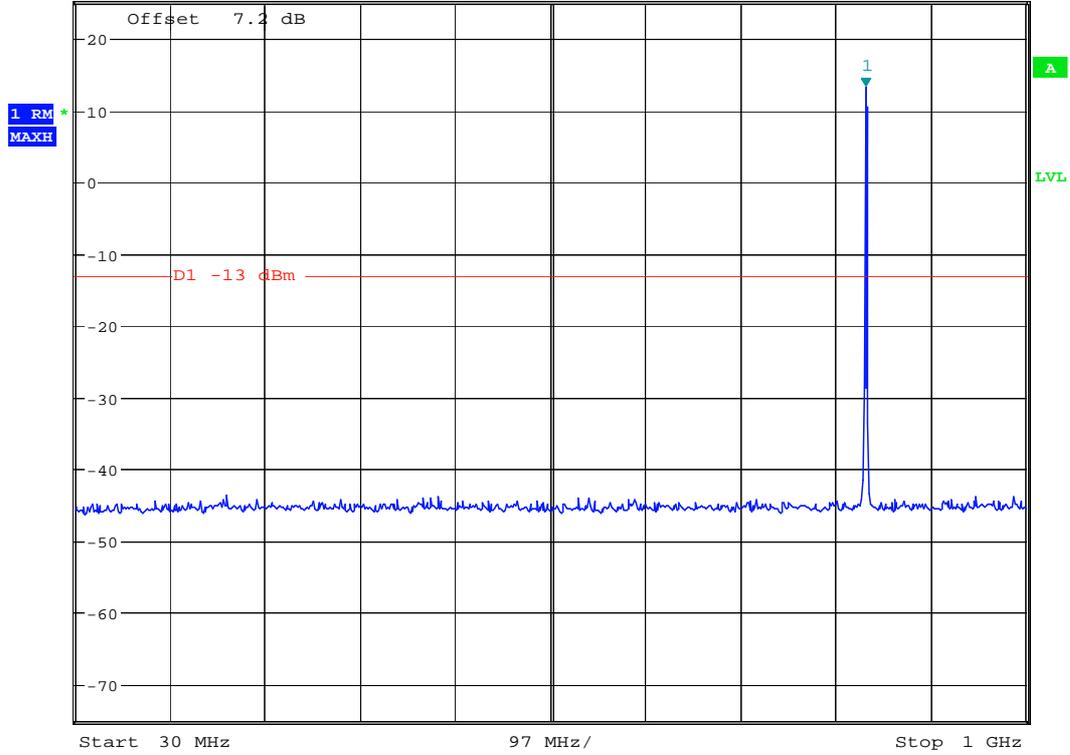
Ref 25 dBm Att 45 dB *RBW 10 kHz *VBW 30 kHz SWT 300 ms
Marker 1 [T1] -40.62 dBm 197.836538462 kHz



Date: 19.AUG.2008 18:11:54



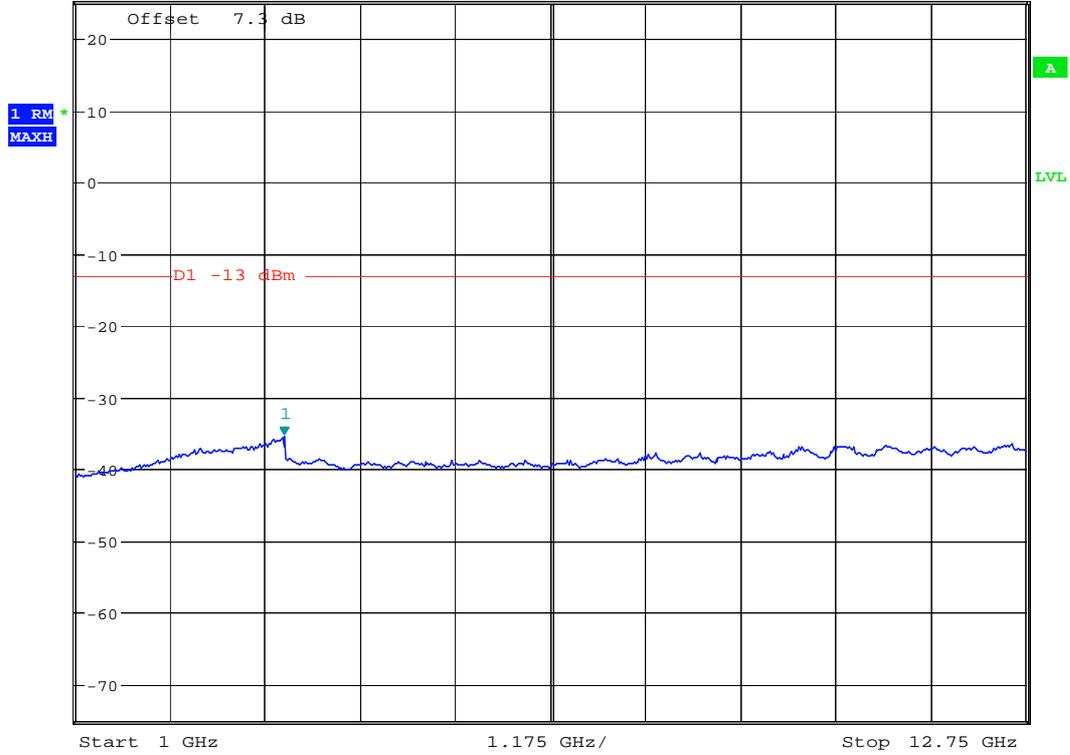
Ref 25 dBm Att 45 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 13.04 dBm
SWT 100 ms 836.778846154 MHz



Date: 19.AUG.2008 18:12:21



Ref 25 dBm Att 45 dB SWT 70 ms
*RBW 1 MHz *VBW 3 MHz
Marker 1 [T1] -35.44 dBm
3.579727564 GHz



Date: 19.AUG.2008 18:12:47



Channel 777

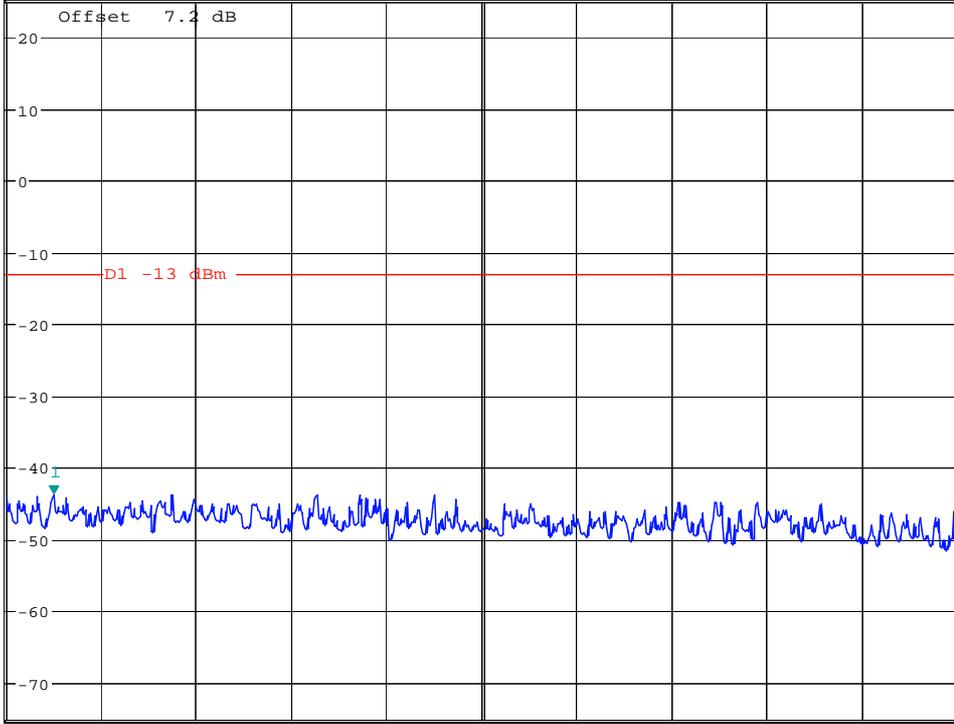


*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -43.70 dBm
SWT 145 ms 16.004807692 kHz

Ref 25 dBm

Att 45 dB

1 RM
MAXH



Start 9 kHz

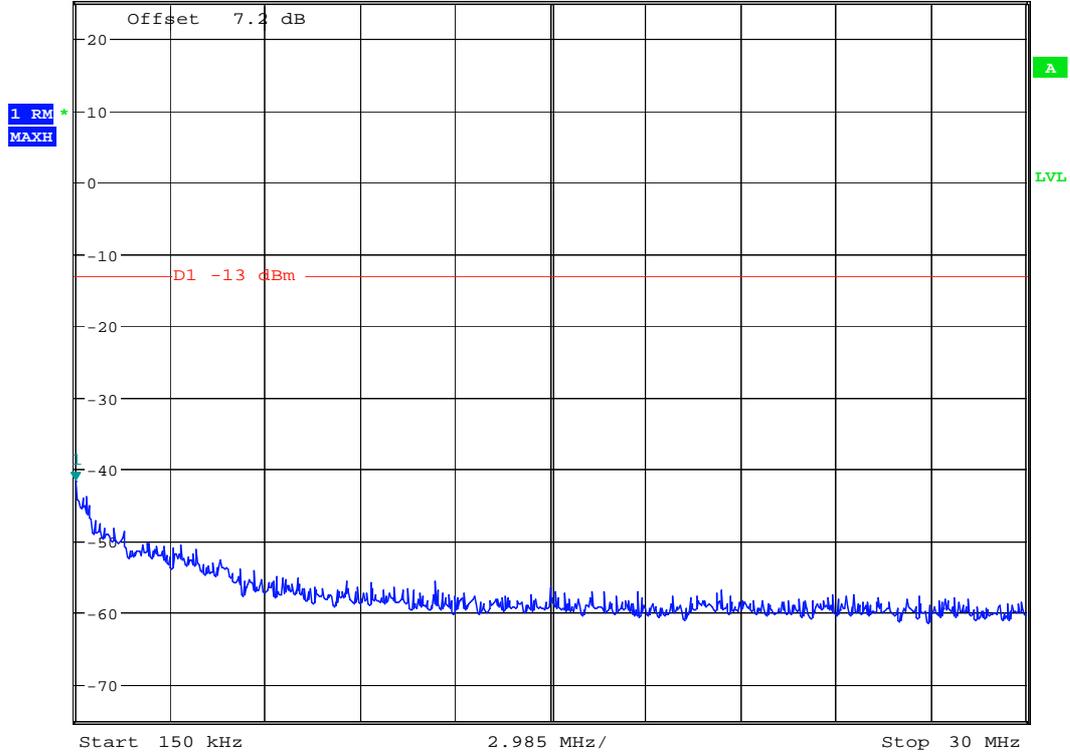
14.1 kHz/

Stop 150 kHz

Date: 19.AUG.2008 18:11:36



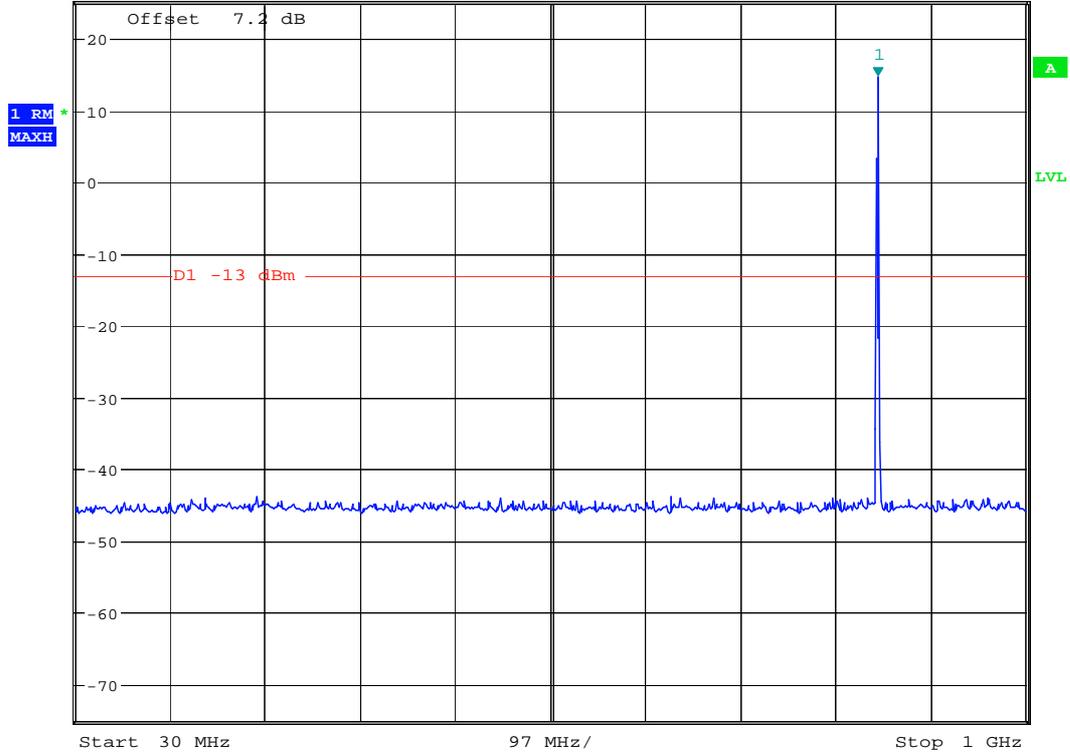
Ref 25 dBm Att 45 dB *RBW 10 kHz *VBW 30 kHz SWT 300 ms Marker 1 [T1]
-41.66 dBm
150.00000000 kHz



Date: 19.AUG.2008 18:12:03



Ref 25 dBm Att 45 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 14.66 dBm
SWT 100 ms 849.214743590 MHz



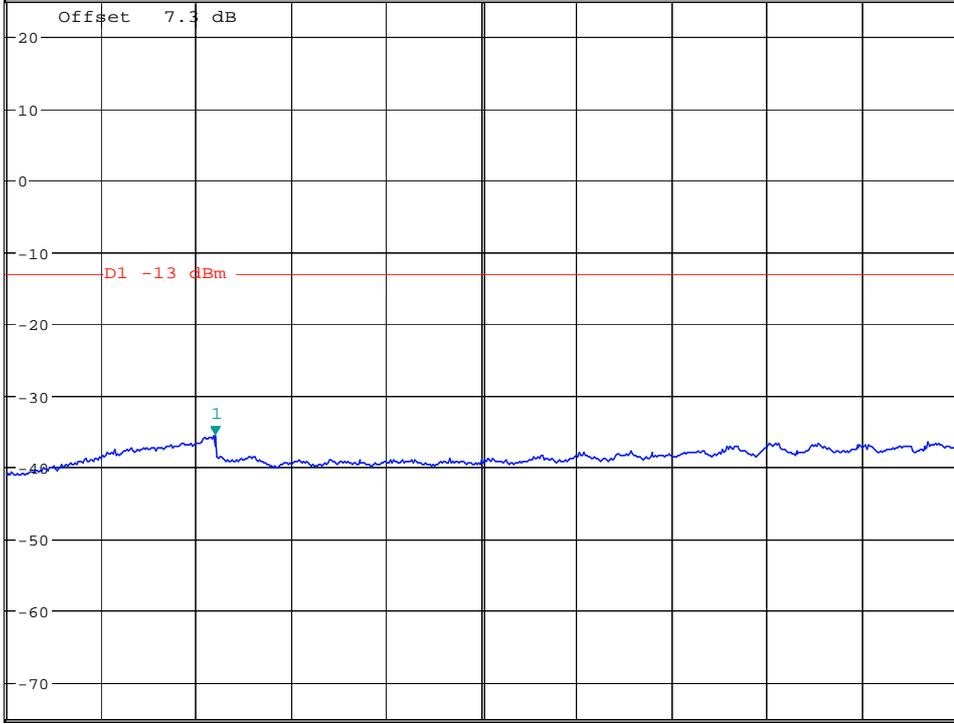
Date: 19.AUG.2008 18:12:29



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -35.61 dBm
SWT 70 ms 3.579727564 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

Date: 19.AUG.2008 18:12:56

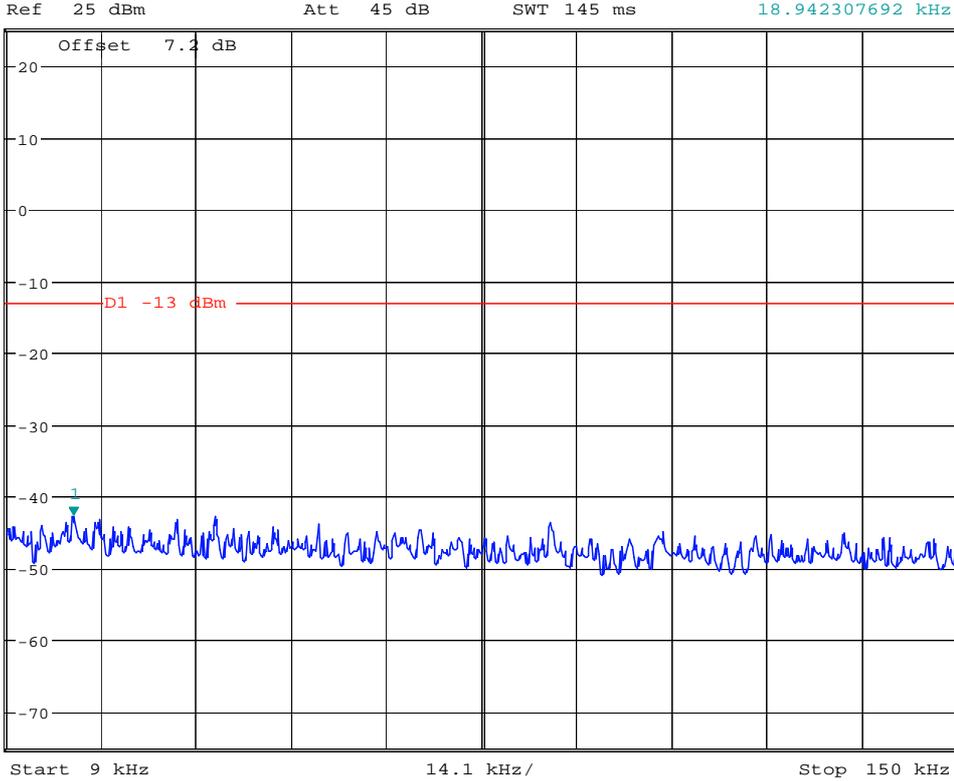


TM3

Channel 1013



*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -42.73 dBm
SWT 145 ms 18.942307692 kHz



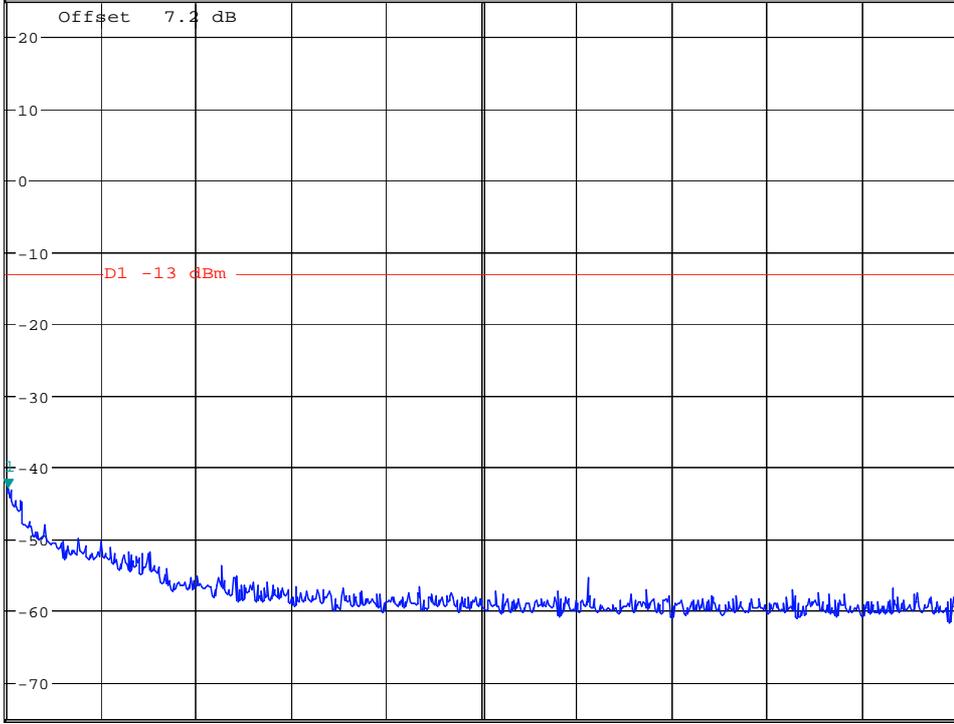
Date: 19.AUG.2008 18:13:06



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -43.07 dBm
SWT 300 ms 197.836538462 kHz

Ref 25 dBm

Att 45 dB



Start 150 kHz

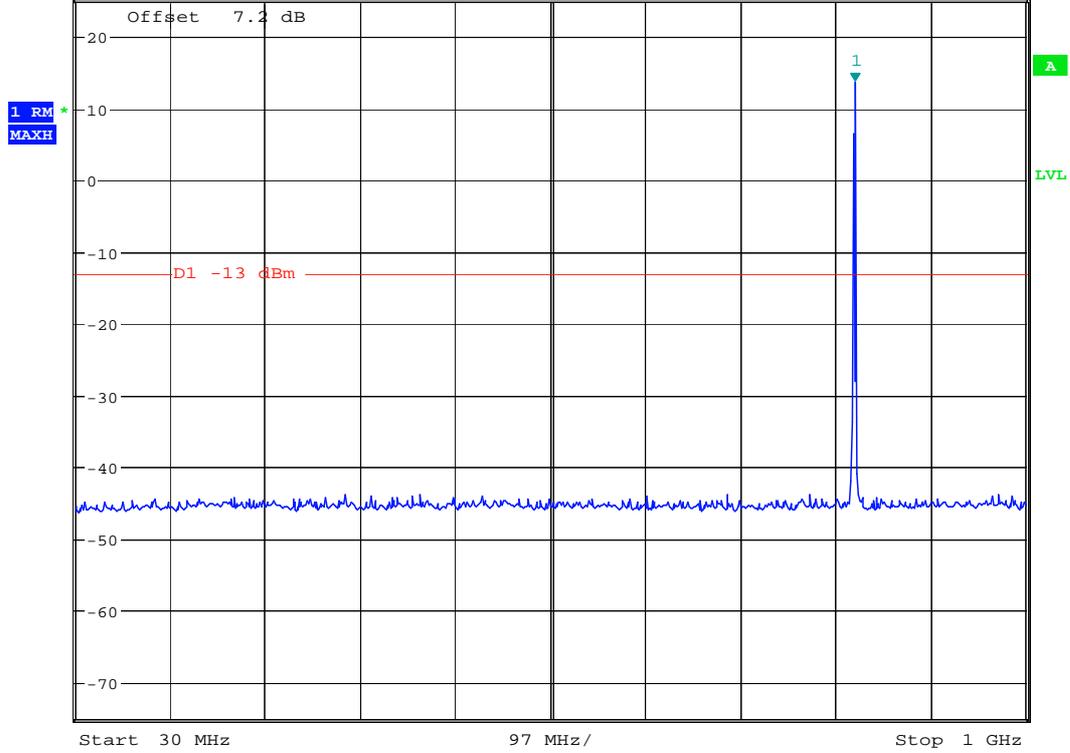
2.985 MHz/

Stop 30 MHz

Date: 19.AUG.2008 18:13:32



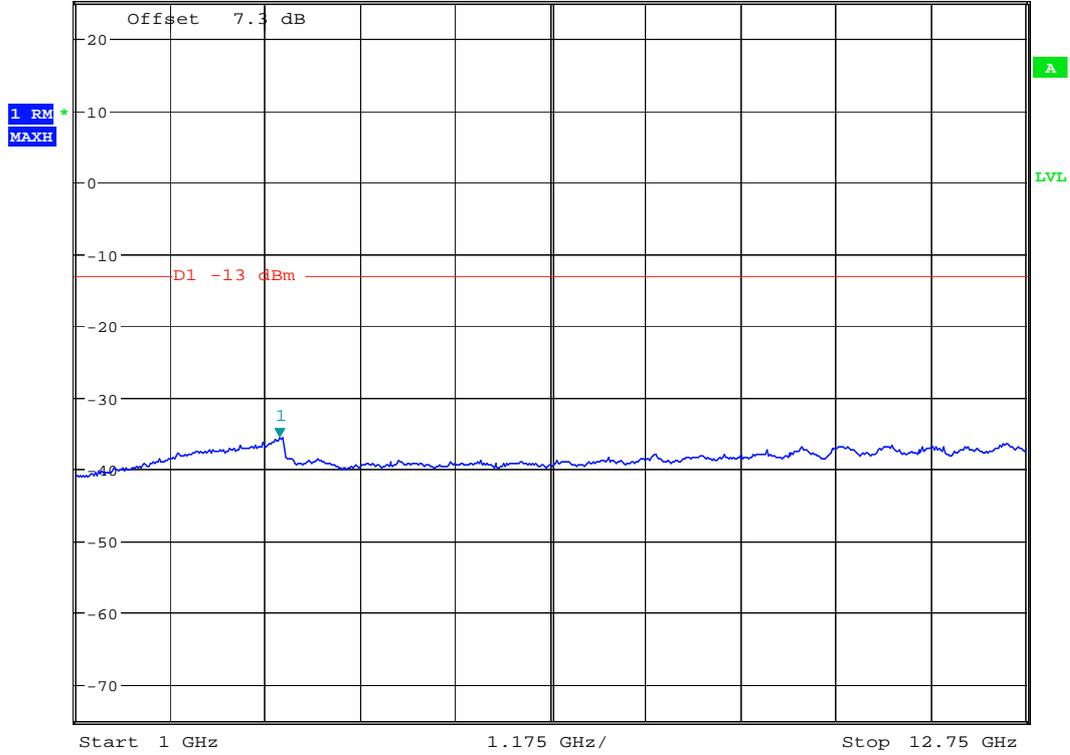
Ref 25 dBm Att 45 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 13.59 dBm
SWT 100 ms 825.897435897 MHz



Date: 19.AUG.2008 18:13:59



Ref 25 dBm Att 45 dB SWT 70 ms
*RBW 1 MHz *VBW 3 MHz
Marker 1 [T1] -35.67 dBm
3.523237179 GHz



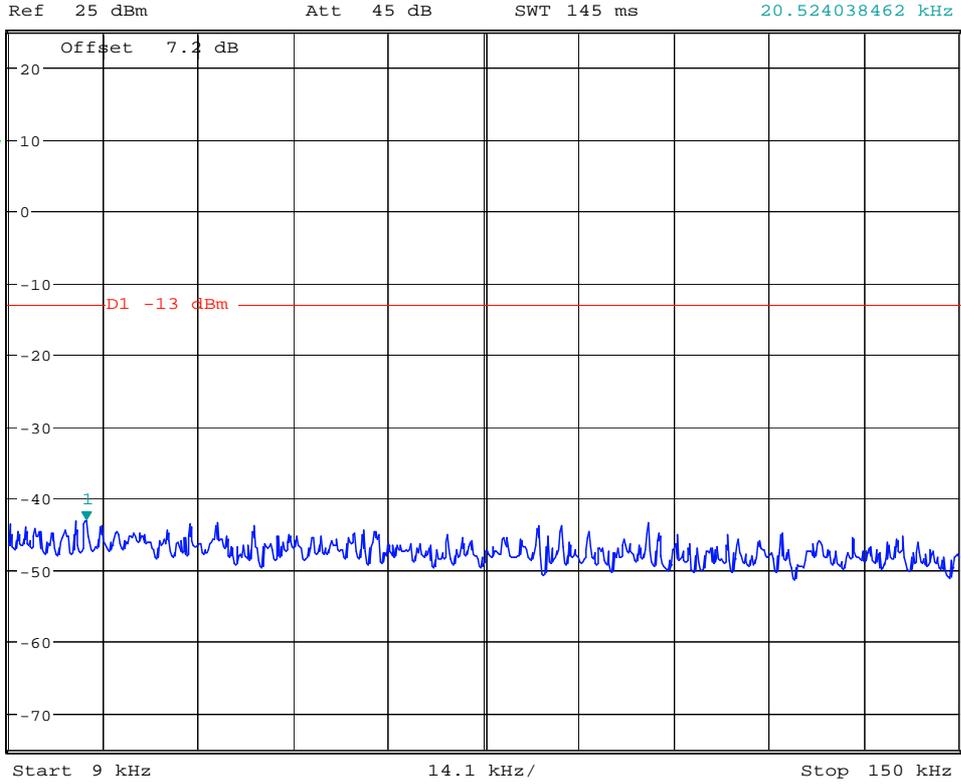
Date: 19.AUG.2008 18:14:25



Channel 384



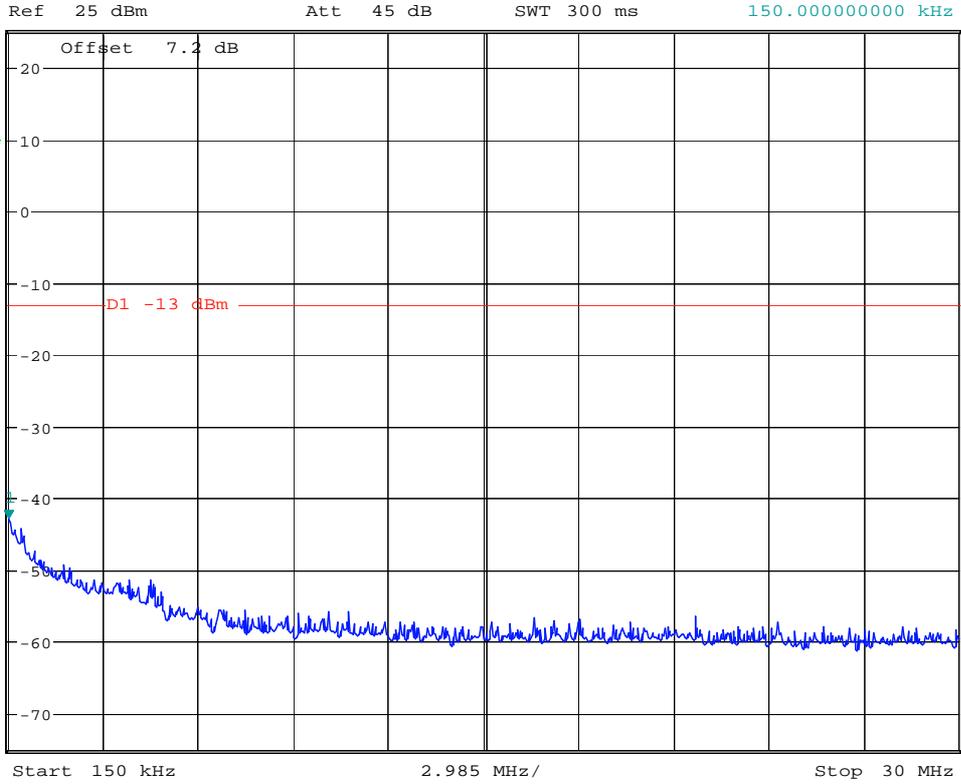
*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -43.21 dBm
SWT 145 ms 20.524038462 kHz



Date: 19.AUG.2008 18:13:15



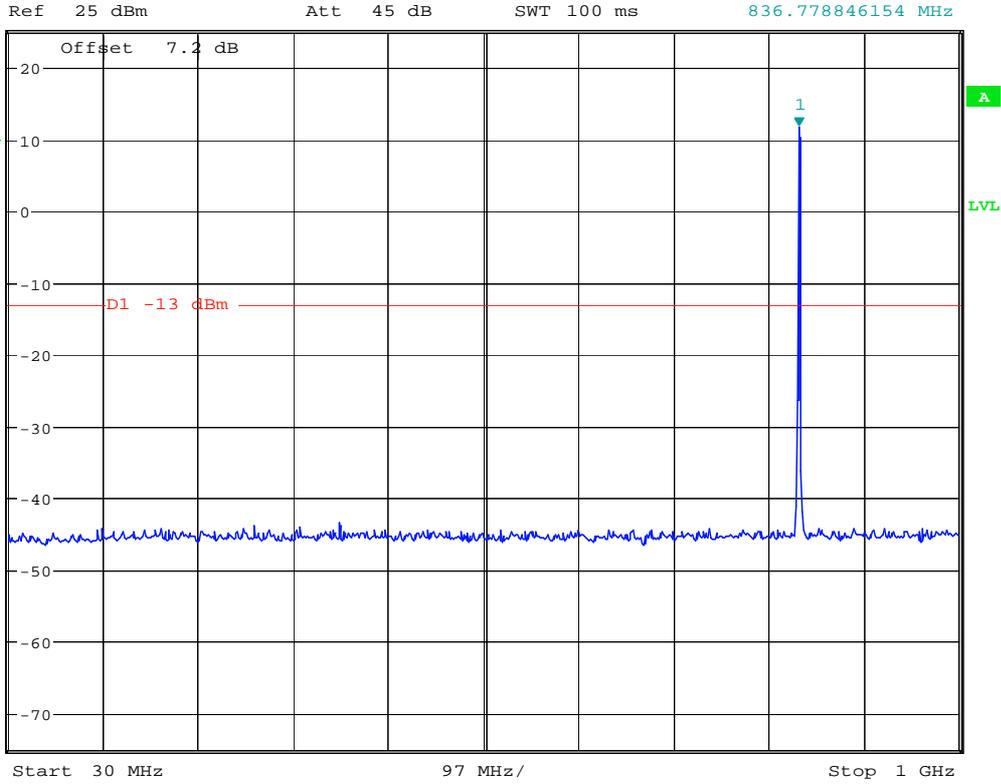
*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -43.07 dBm
SWT 300 ms 150.00000000 kHz



Date: 19.AUG.2008 18:13:41



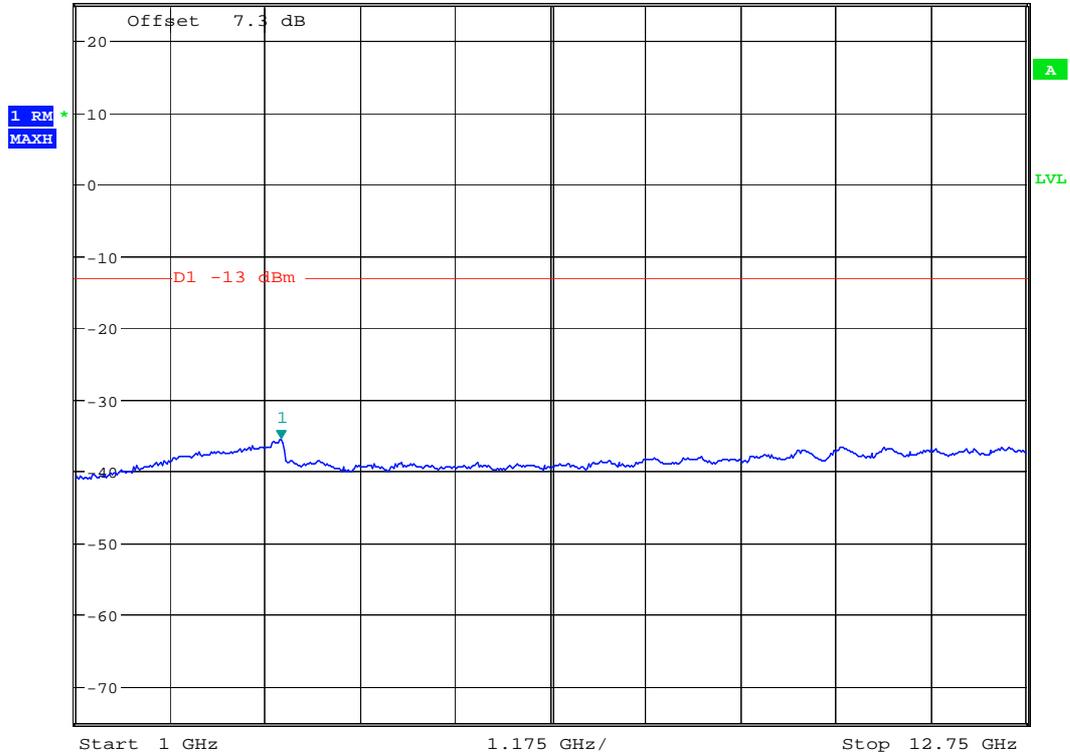
*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 11.64 dBm
SWT 100 ms 836.778846154 MHz



Date: 19.AUG.2008 18:14:07



Ref 25 dBm Att 45 dB SWT 70 ms
*RBW 1 MHz *VBW 3 MHz
Marker 1 [T1] -35.66 dBm
3.542067308 GHz



Date: 19.AUG.2008 18:14:34



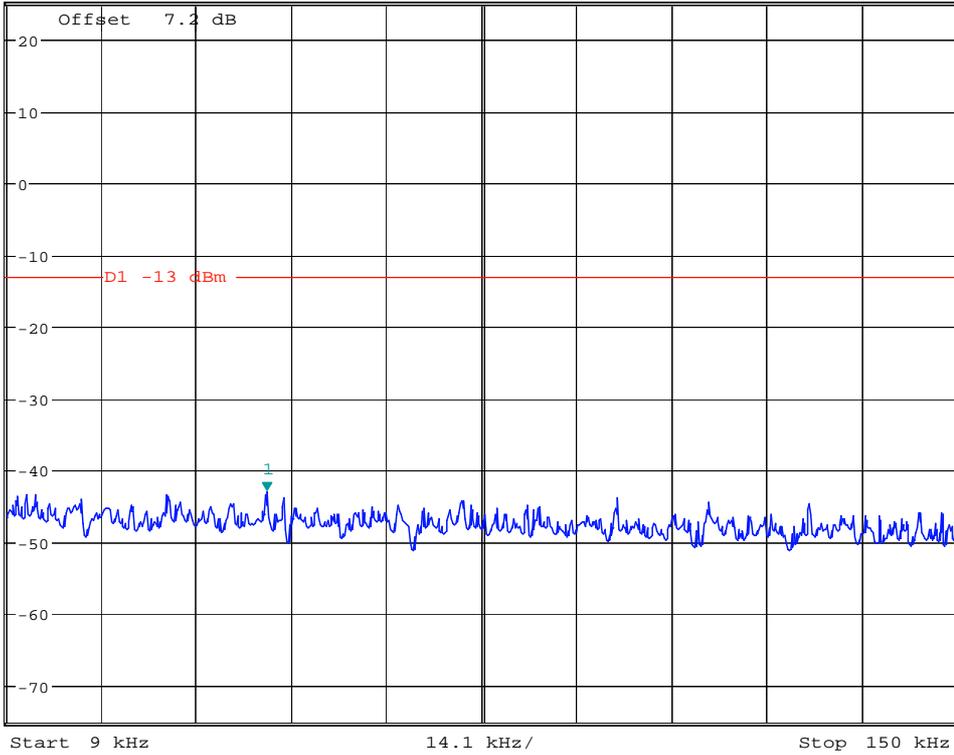
Channel 777



*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -43.06 dBm
SWT 145 ms 47.639423077 kHz

Ref 25 dBm

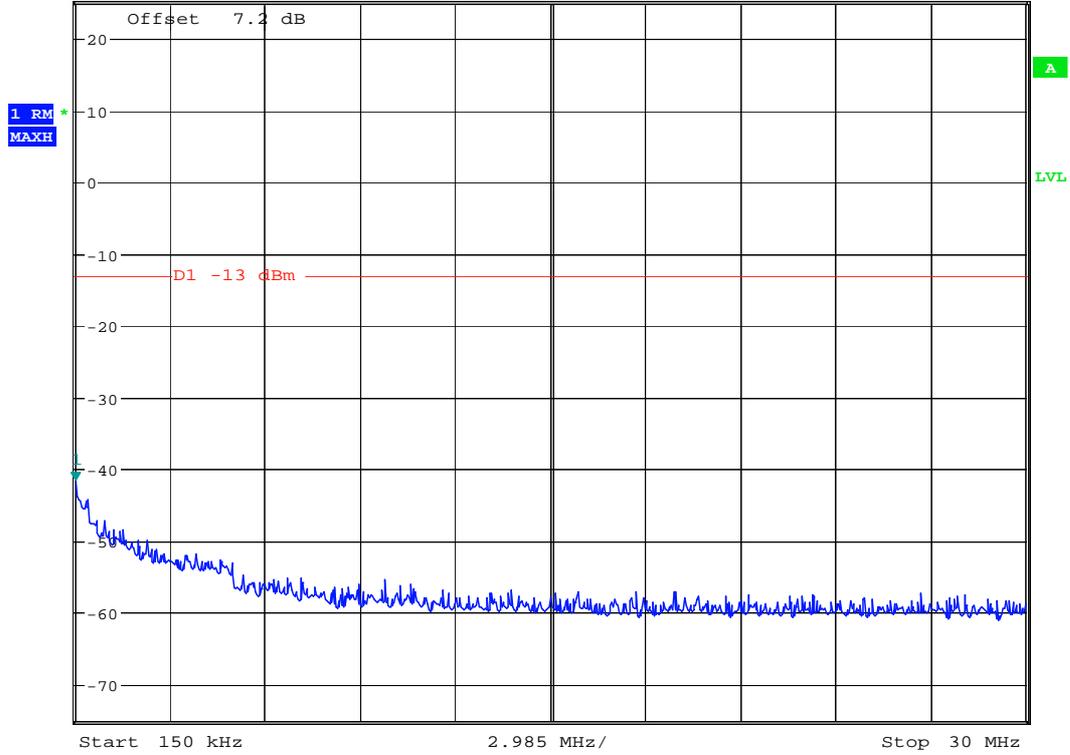
Att 45 dB



Date: 19.AUG.2008 18:13:23



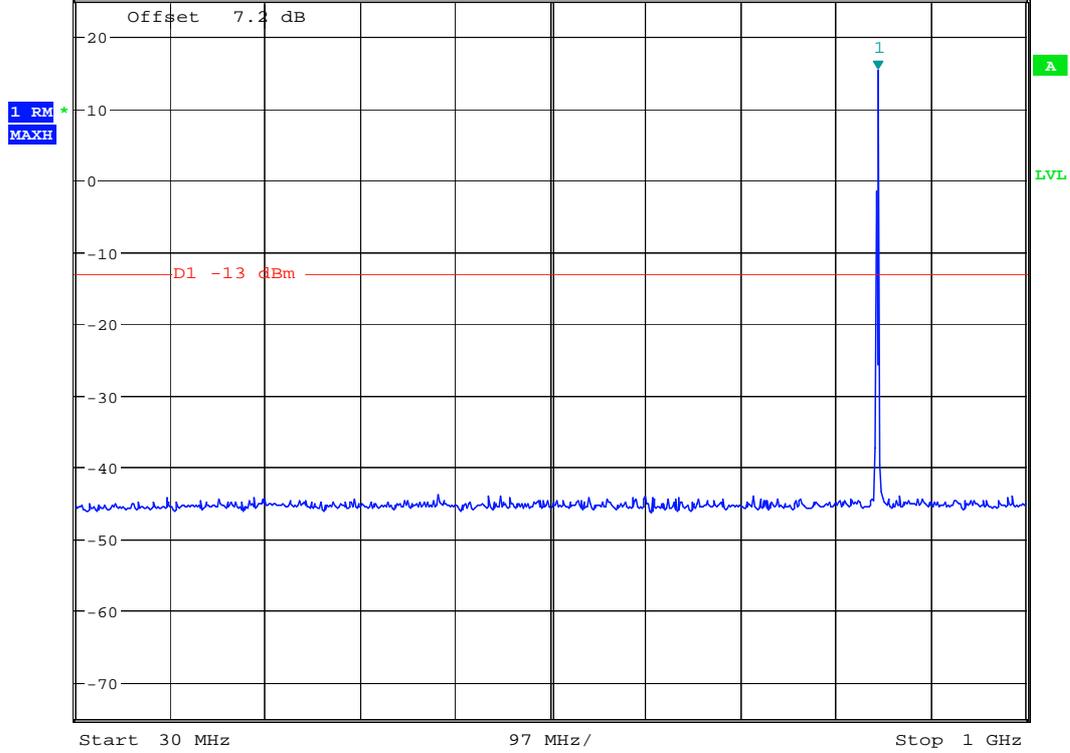
Ref 25 dBm Att 45 dB SWT 300 ms
*RBW 10 kHz *VBW 30 kHz
Marker 1 [T1] -41.73 dBm
150.00000000 kHz



Date: 19.AUG.2008 18:13:50



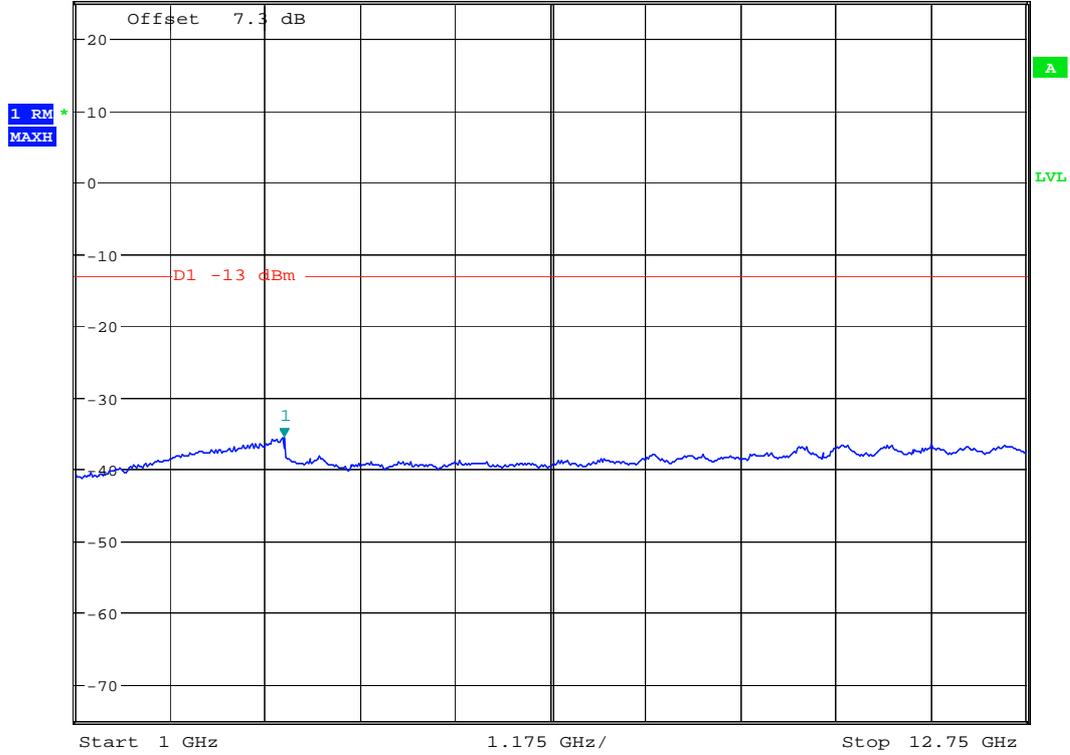
Ref 25 dBm Att 45 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 15.25 dBm
SWT 100 ms 849.214743590 MHz



Date: 19.AUG.2008 18:14:16



Ref 25 dBm Att 45 dB SWT 70 ms
*RBW 1 MHz *VBW 3 MHz
Marker 1 [T1] -35.53 dBm
3.579727564 GHz



Date: 19.AUG.2008 18:14:42

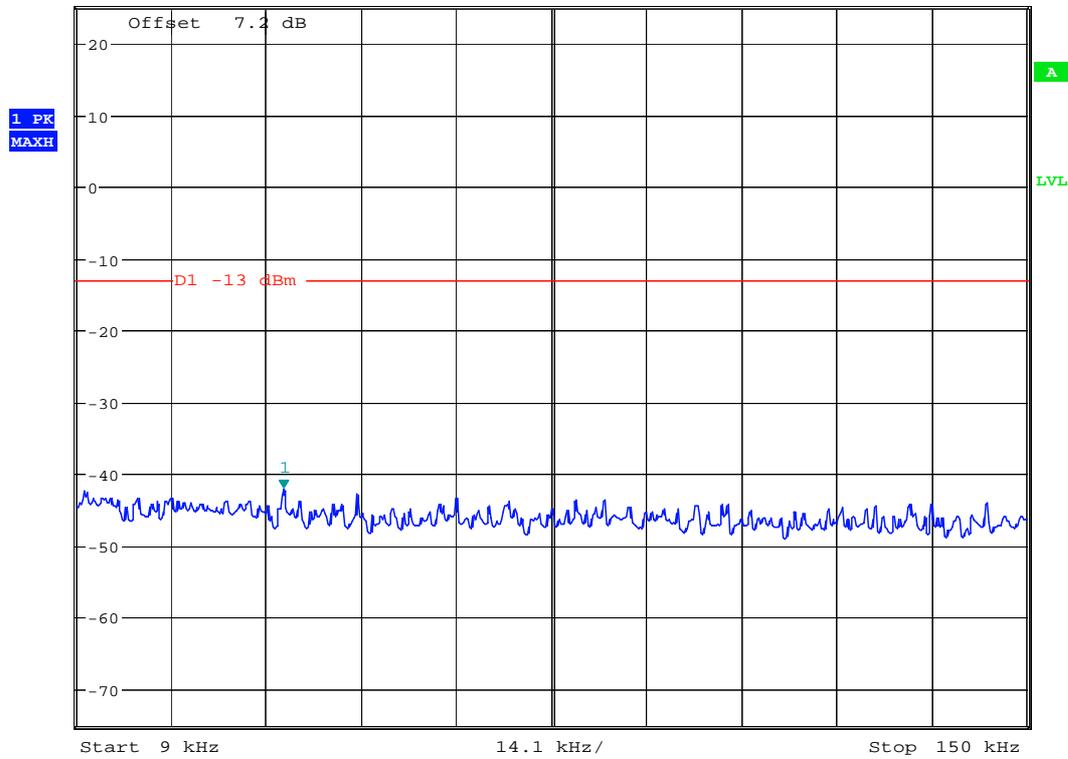


EVDO subtype 0

Channel 1013



Ref 25 dBm Att 45 dB SWT 145 ms
*RBW 1 kHz *VBW 10 kHz
Marker 1 [T1] -42.12 dBm
39.730769231 kHz



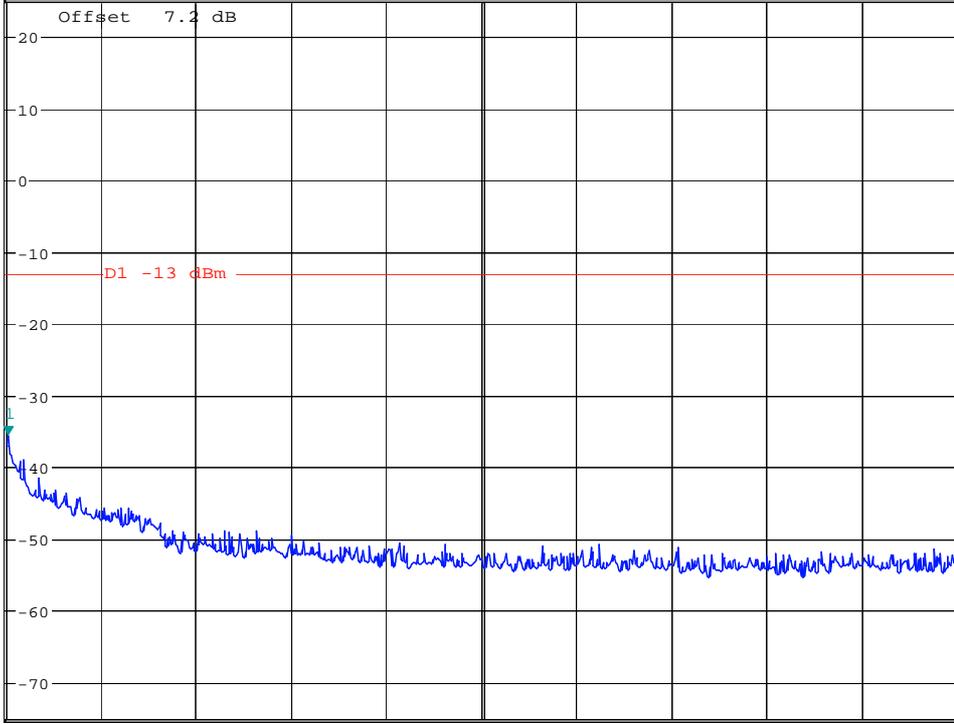
Date: 19.AUG.2008 18:19:46



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -35.58 dBm
SWT 300 ms 197.836538462 kHz

Ref 25 dBm

Att 45 dB

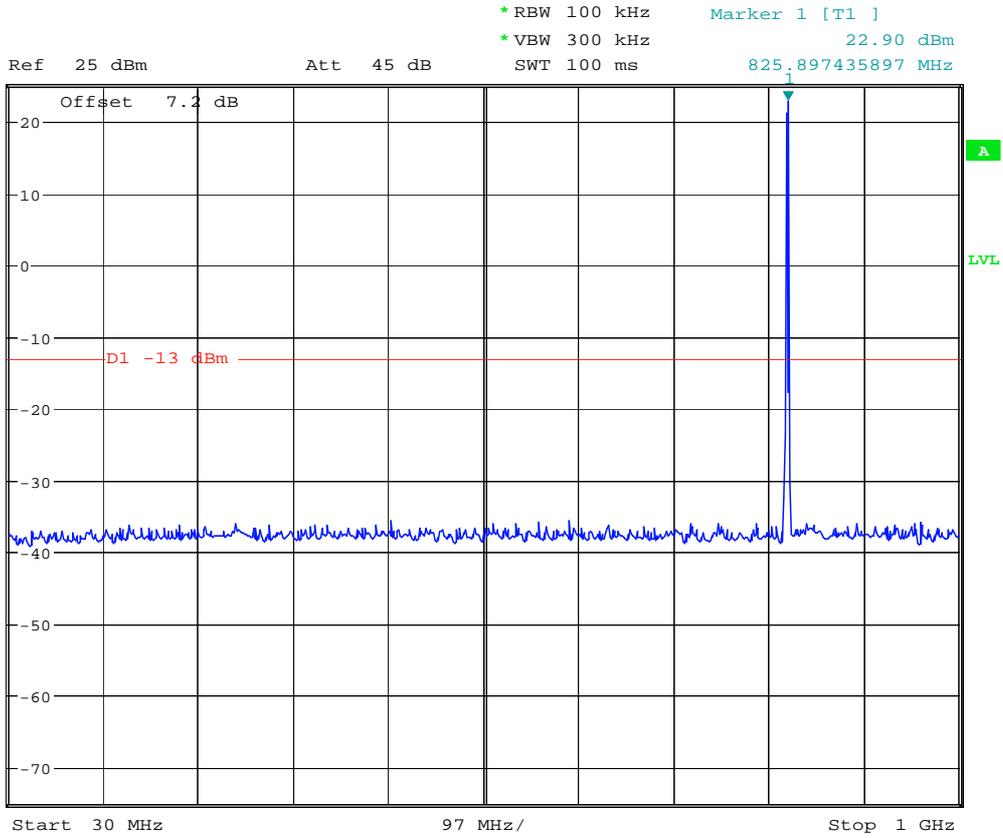


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 19.AUG.2008 18:20:30



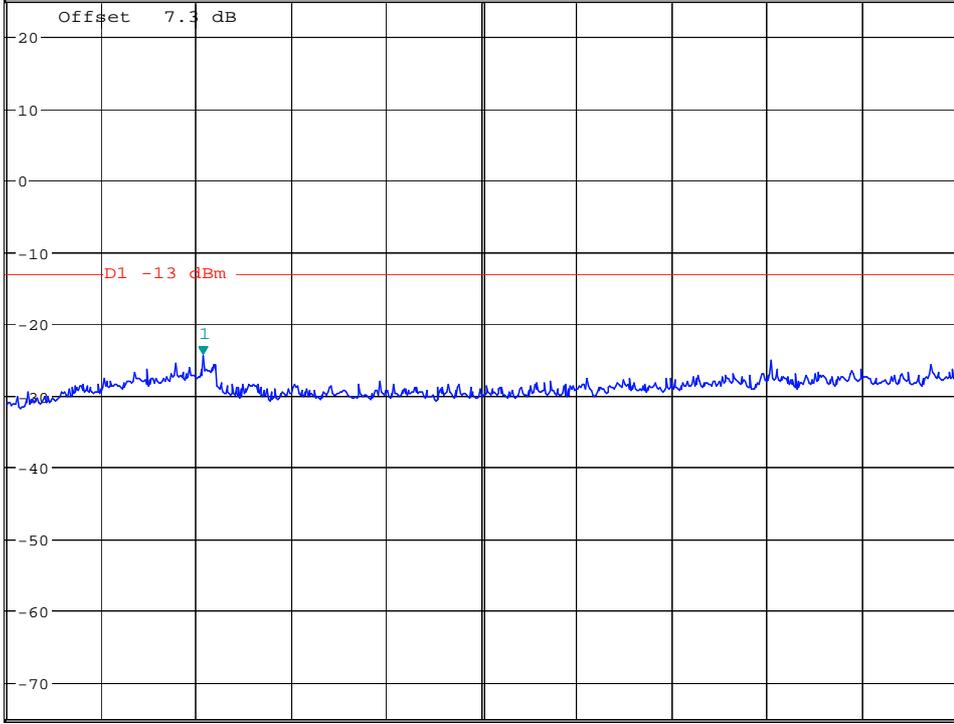
Date: 19.AUG.2008 18:21:14



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -24.43 dBm
SWT 70 ms 3.429086538 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

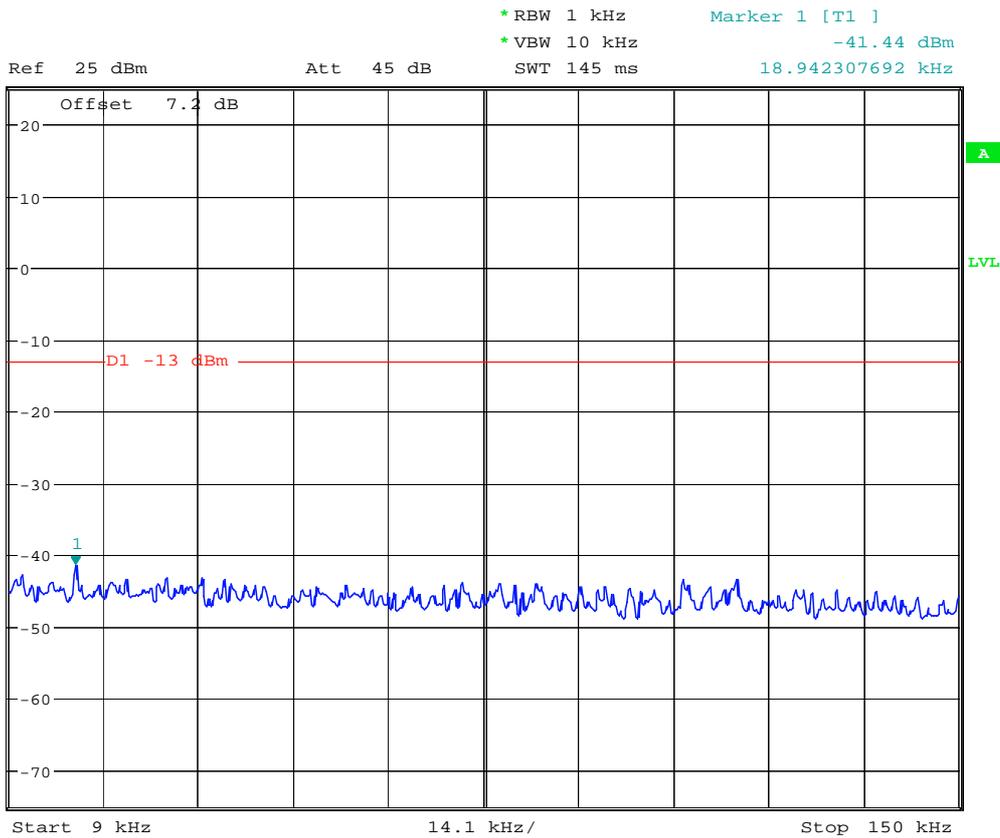
1.175 GHz/

Stop 12.75 GHz

Date: 19.AUG.2008 18:21:58



Channel 384



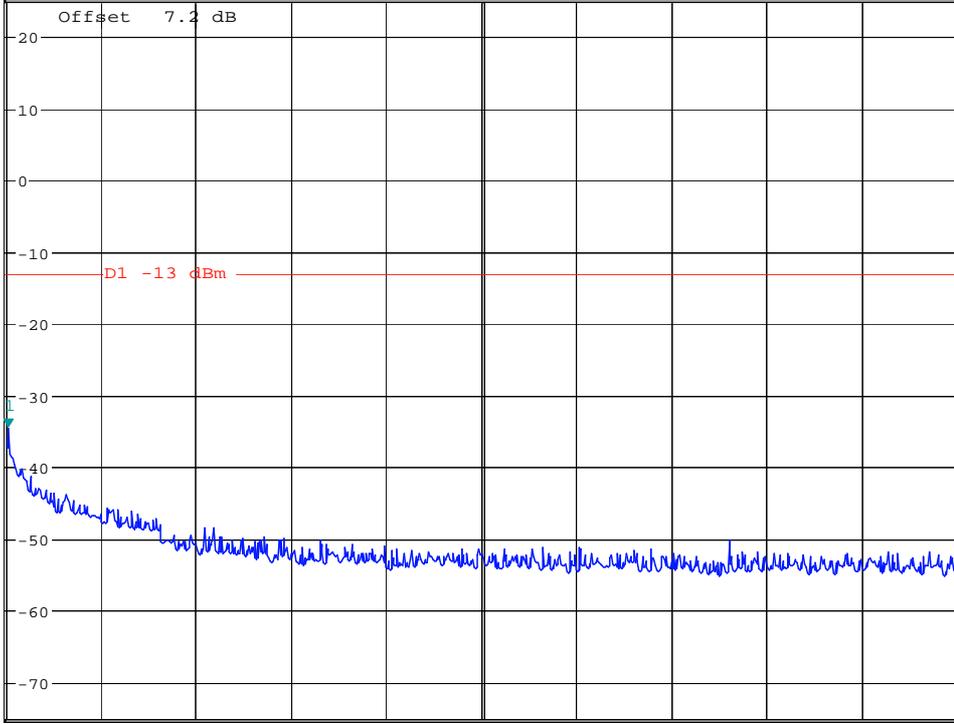
Date: 19.AUG.2008 18:20:01



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -34.46 dBm
SWT 300 ms 197.836538462 kHz

Ref 25 dBm

Att 45 dB

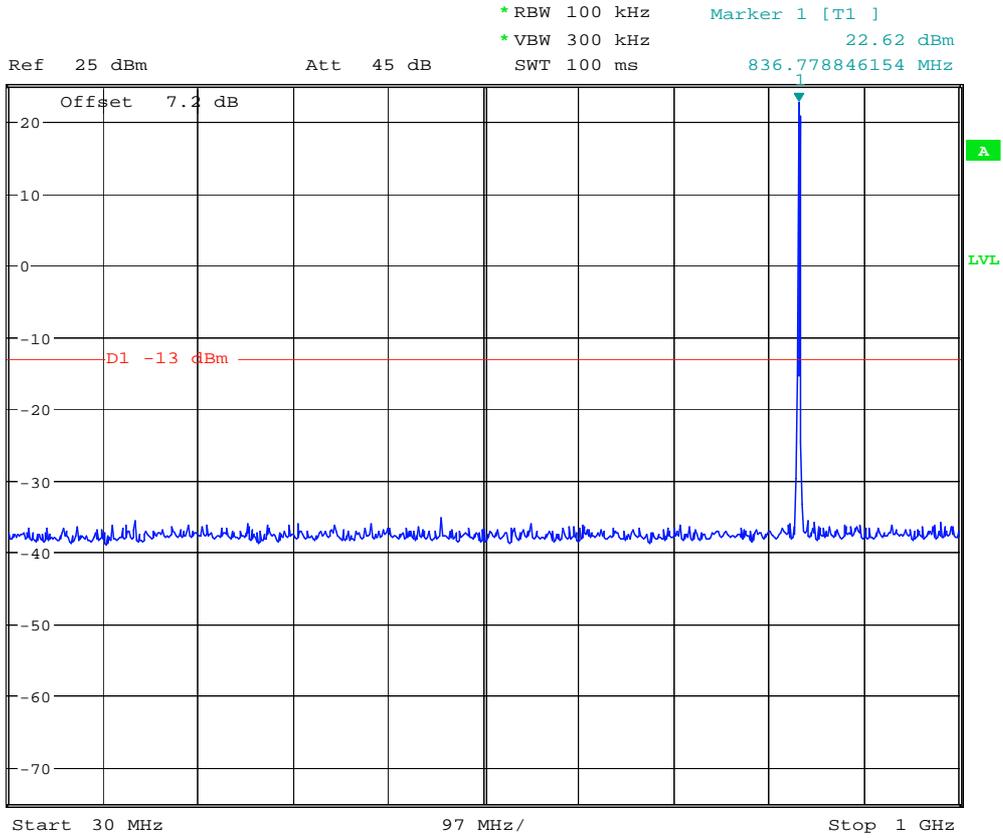


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 19.AUG.2008 18:20:45



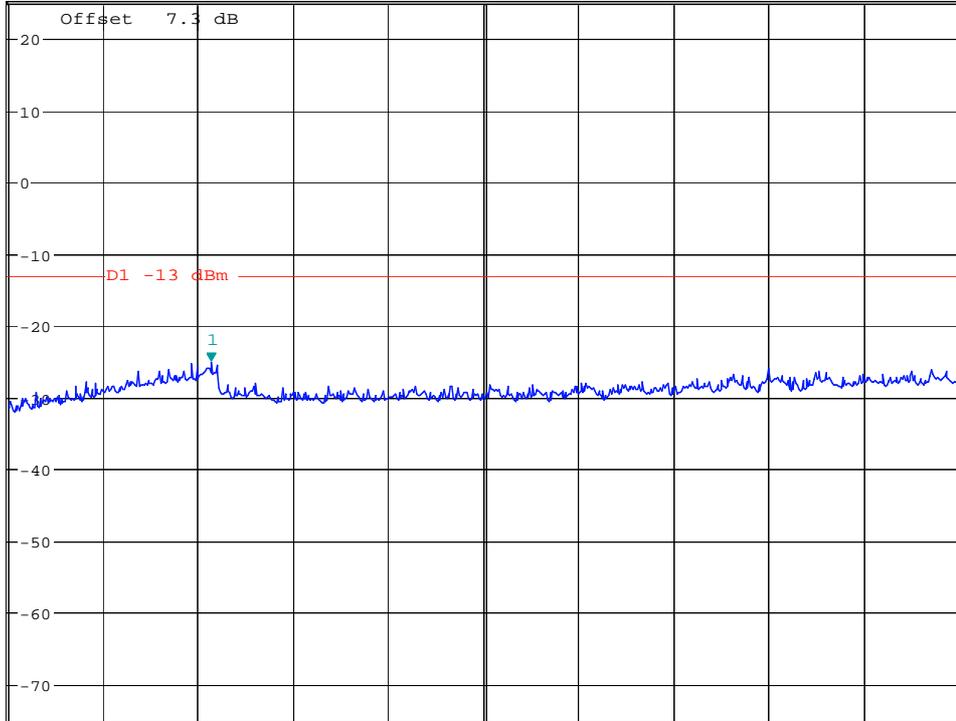
Date: 19.AUG.2008 18:21:28



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.06 dBm
SWT 70 ms 3.504407051 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

Date: 19.AUG.2008 18:22:12



Channel 777

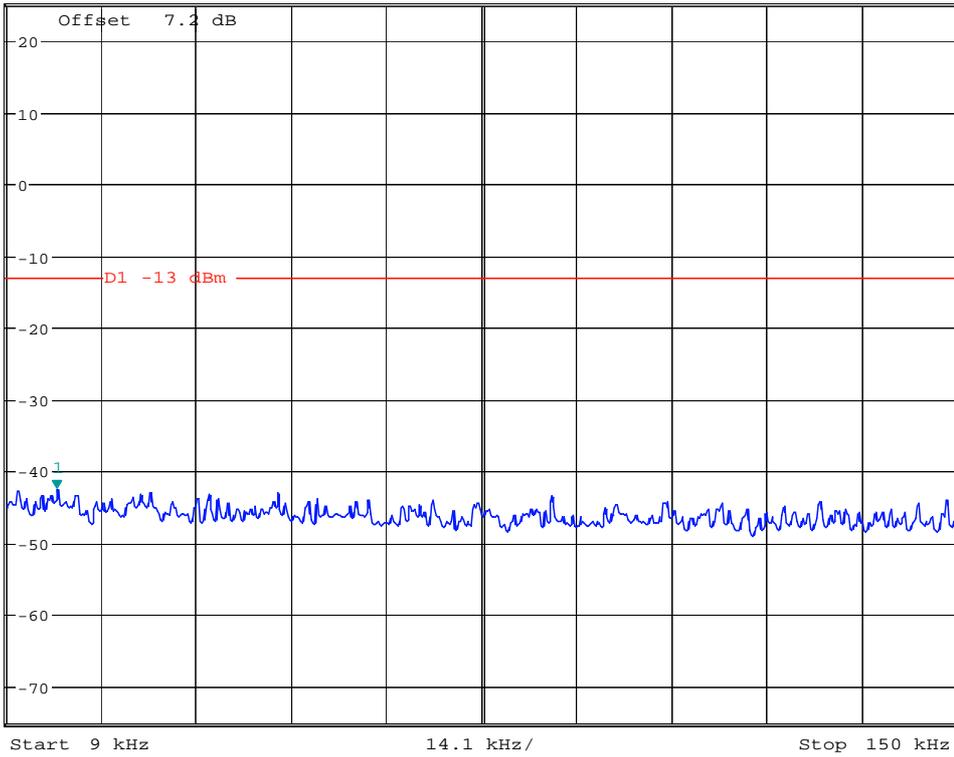


*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -42.56 dBm
SWT 145 ms 16.456730769 kHz

Ref 25 dBm

Att 45 dB

1 PK
MAXH



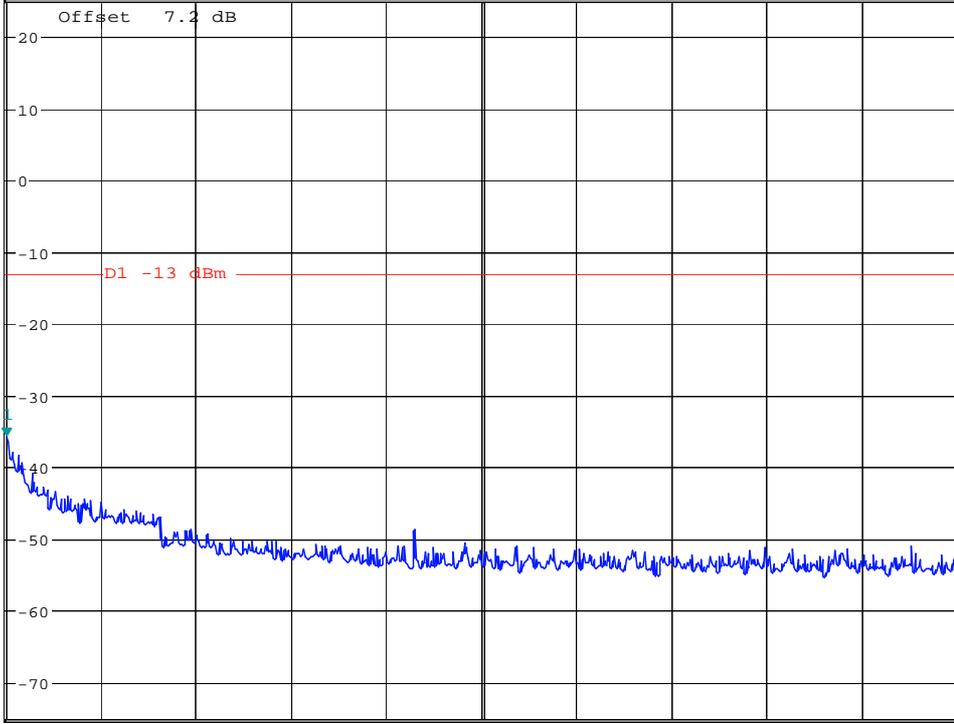
Date: 19.AUG.2008 18:20:15



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -35.83 dBm
SWT 300 ms 150.00000000 kHz

Ref 25 dBm

Att 45 dB

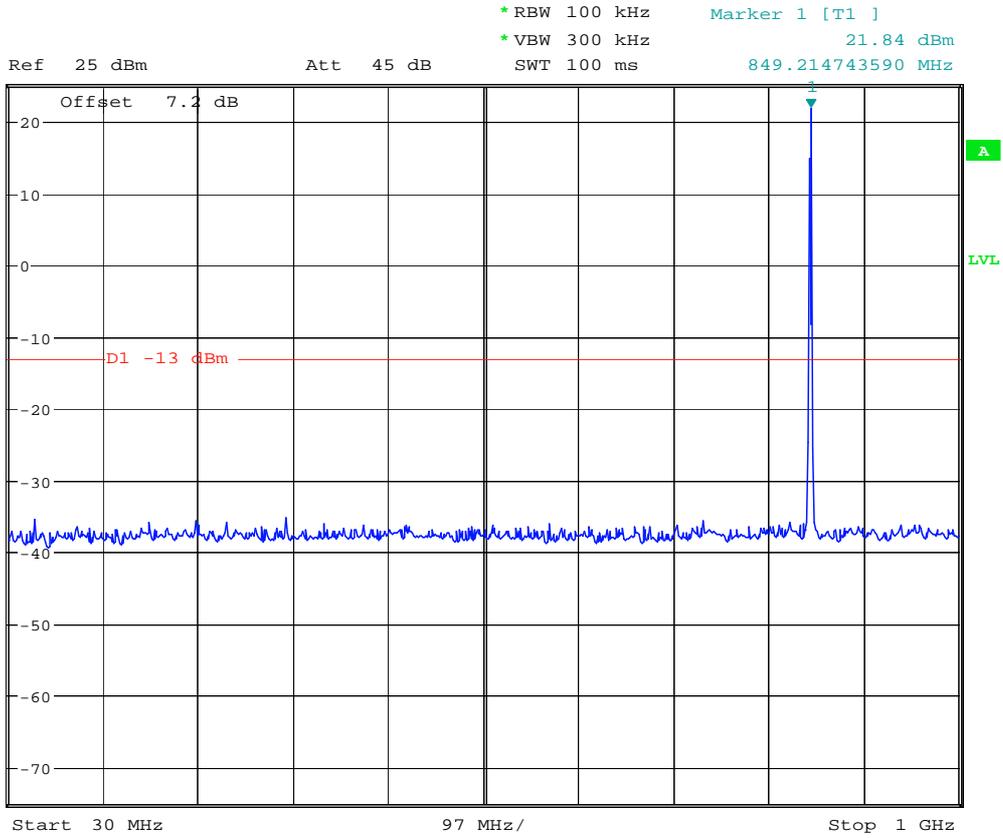


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 19.AUG.2008 18:20:59



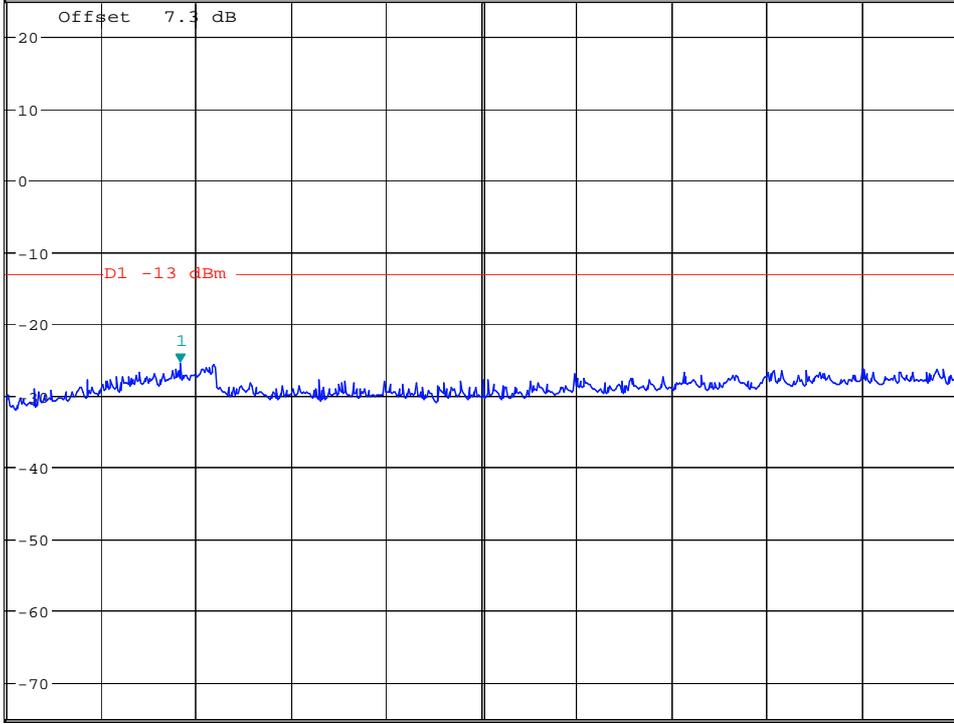
Date: 19.AUG.2008 18:21:43



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.61 dBm
SWT 70 ms 3.146634615 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

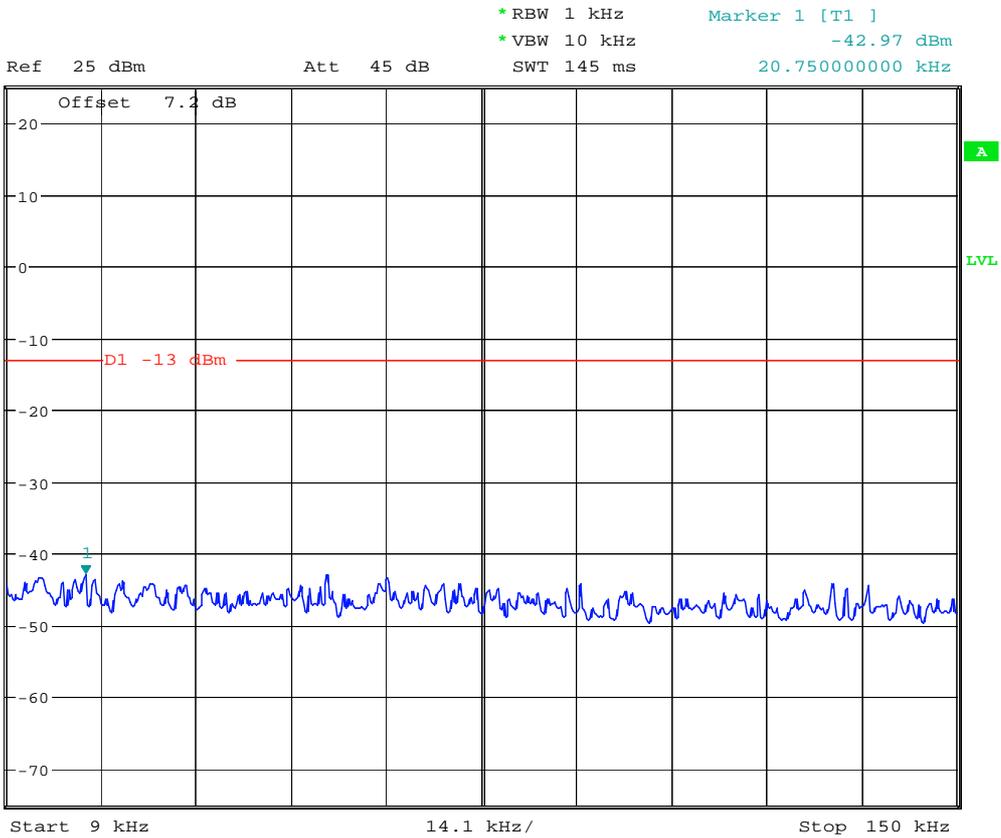
Date: 19.AUG.2008 18:22:27



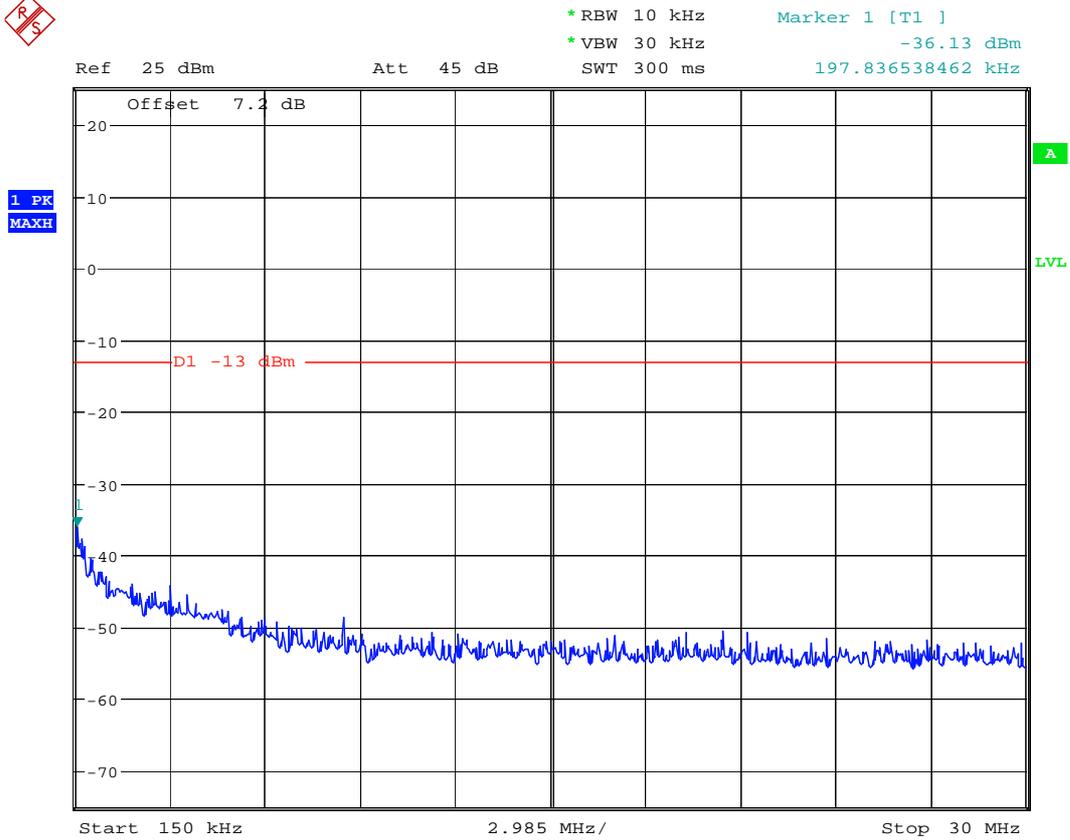
EVDO subtype 2

Modulation : BPSK

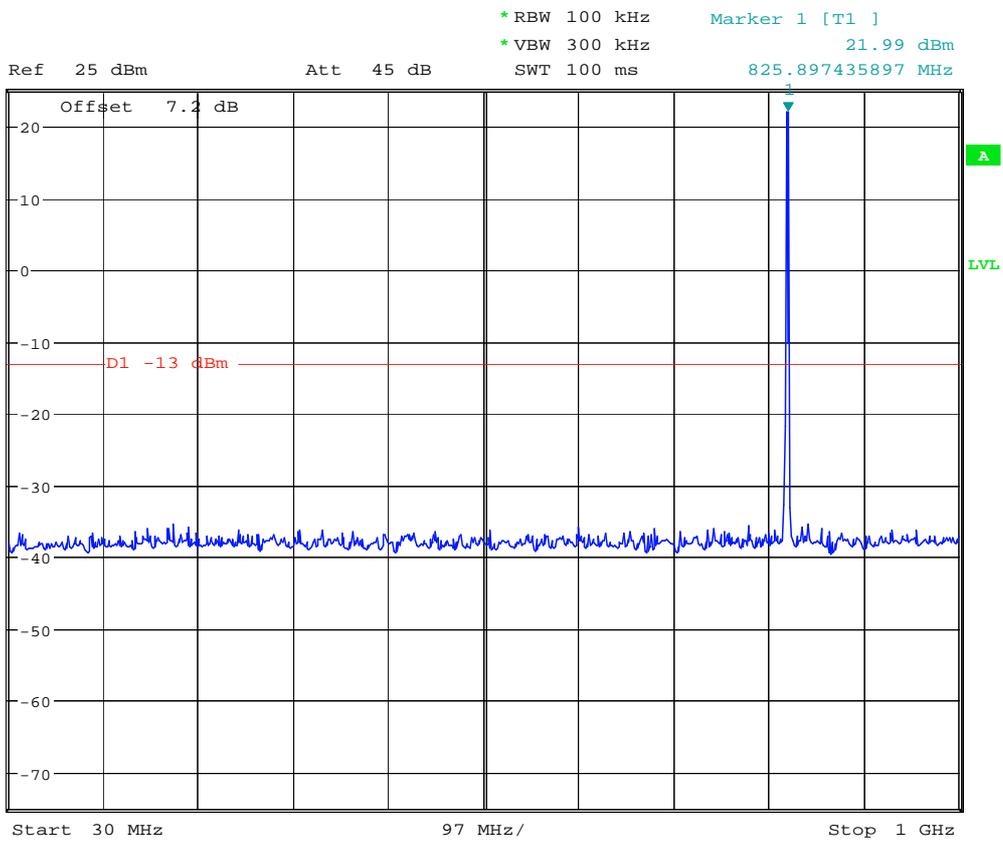
Channel 1013



Date: 23.AUG.2008 17:00:50



Date: 23.AUG.2008 17:01:16



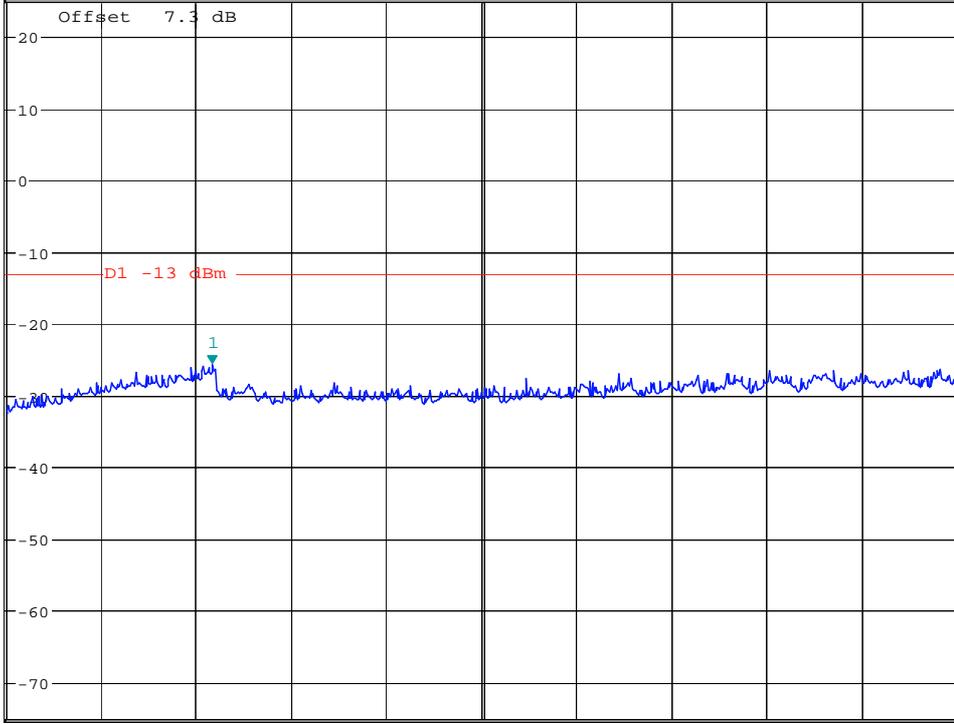
Date: 23.AUG.2008 17:01:42



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.78 dBm
SWT 70 ms 3.542067308 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

Date: 23.AUG.2008 17:02:09



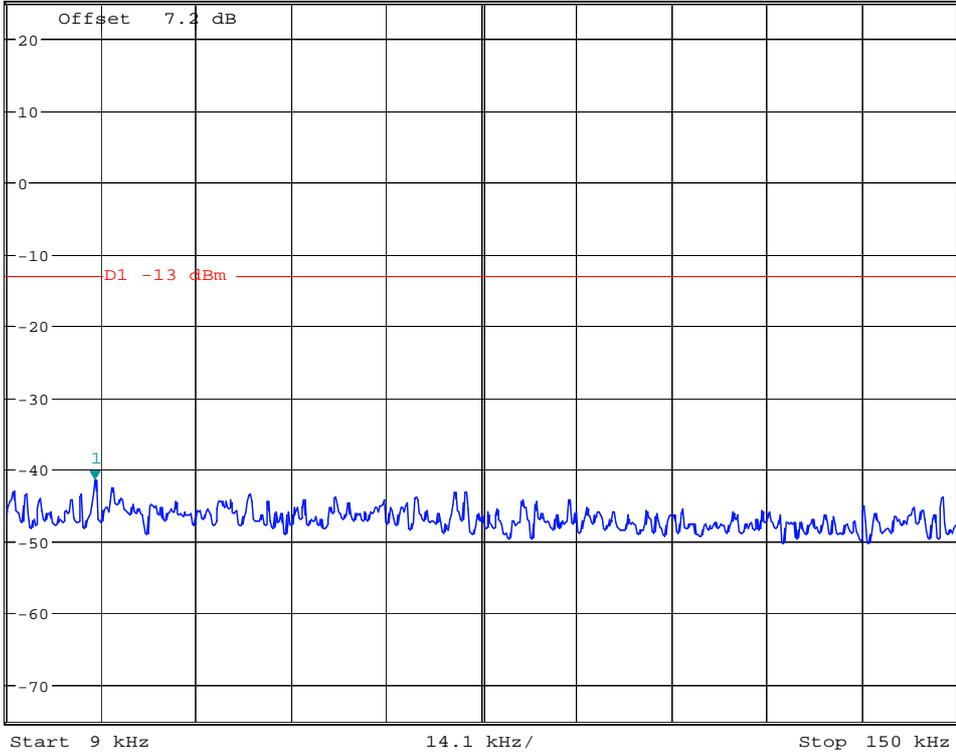
Channel 384



*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -41.55 dBm
SWT 145 ms 22.105769231 kHz

Ref 25 dBm

Att 45 dB



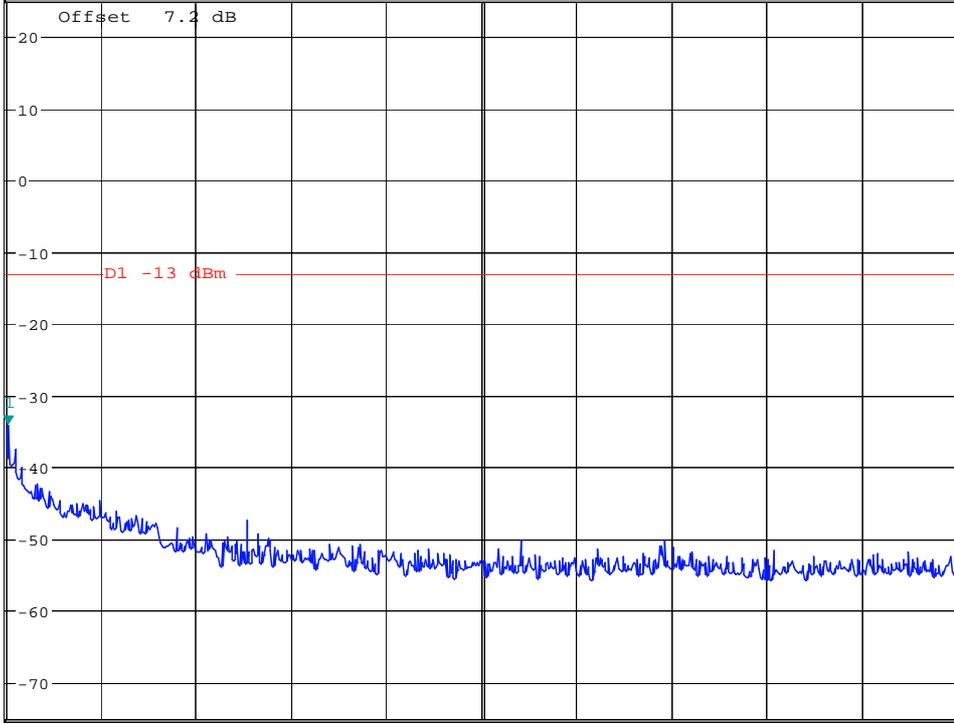
Date: 23.AUG.2008 17:00:58



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -34.13 dBm
SWT 300 ms 197.836538462 kHz

Ref 25 dBm

Att 45 dB

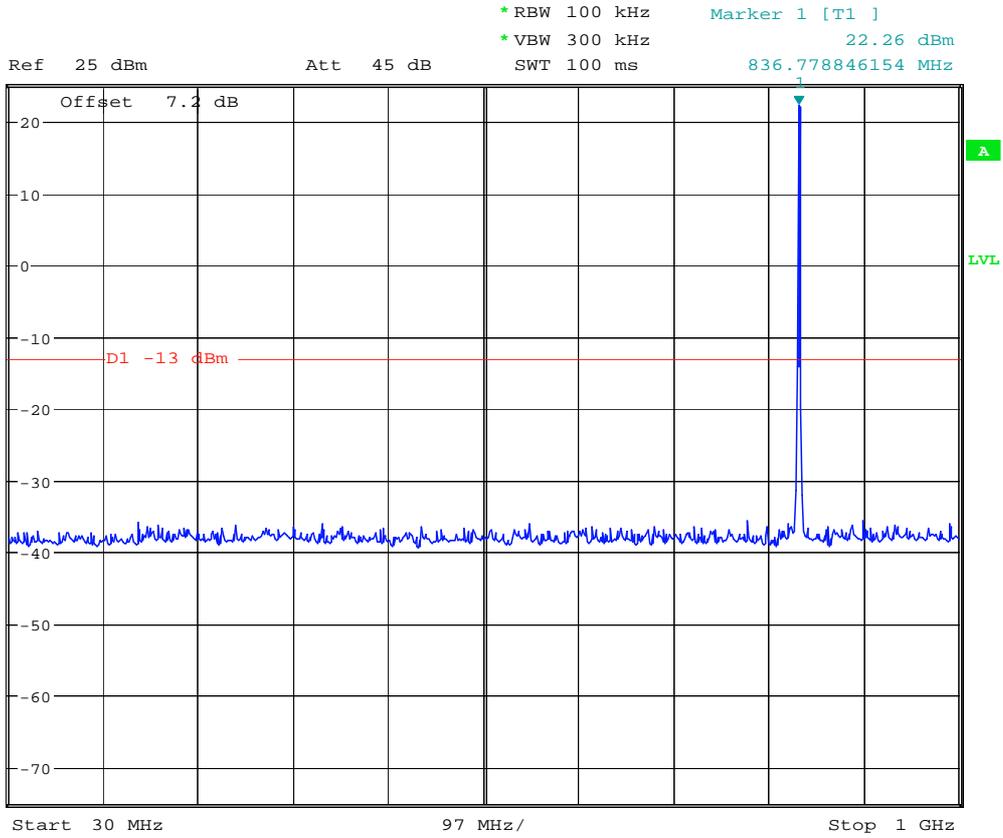


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 23.AUG.2008 17:01:24



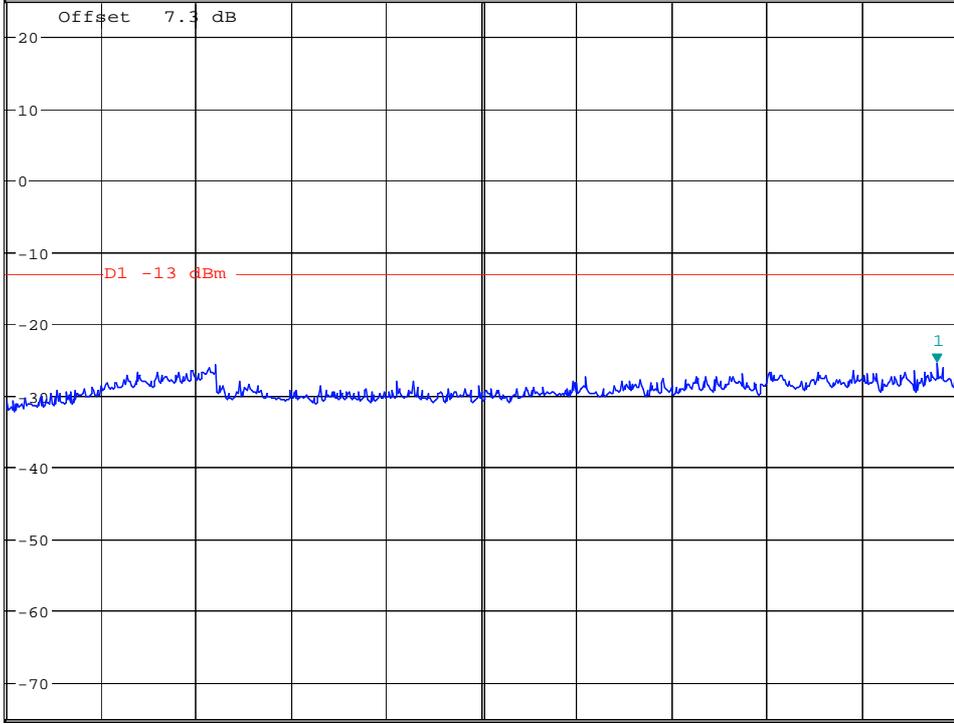
Date: 23.AUG.2008 17:01:51



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.56 dBm
SWT 70 ms 12.505208333 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

Date: 23.AUG.2008 17:02:17



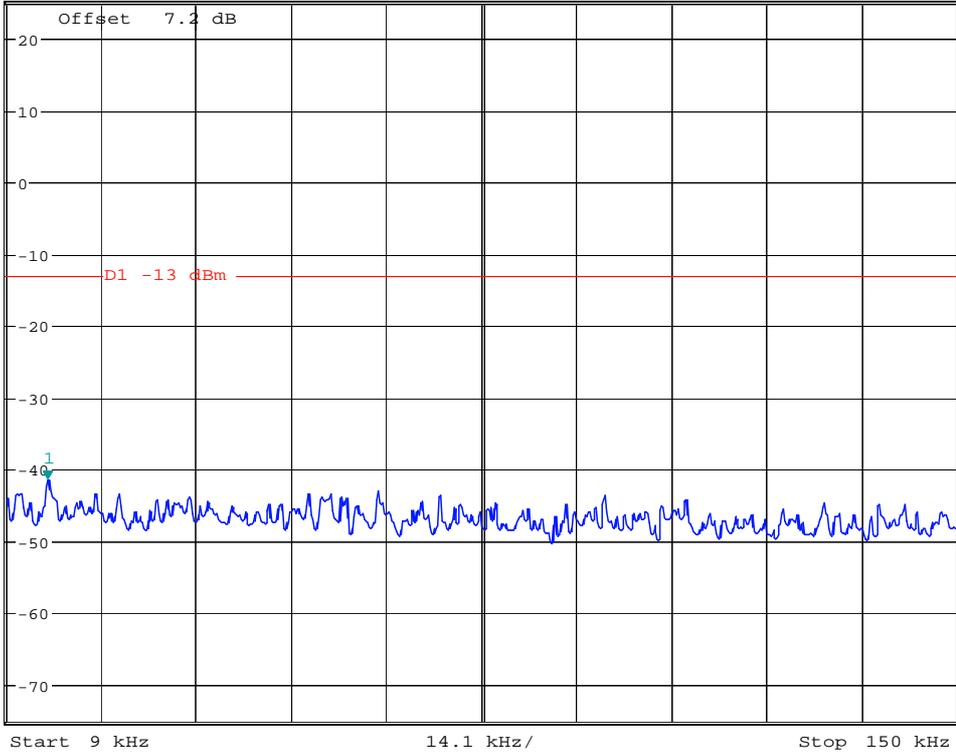
Channel 777



*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -41.55 dBm
SWT 145 ms 15.100961538 kHz

Ref 25 dBm

Att 45 dB



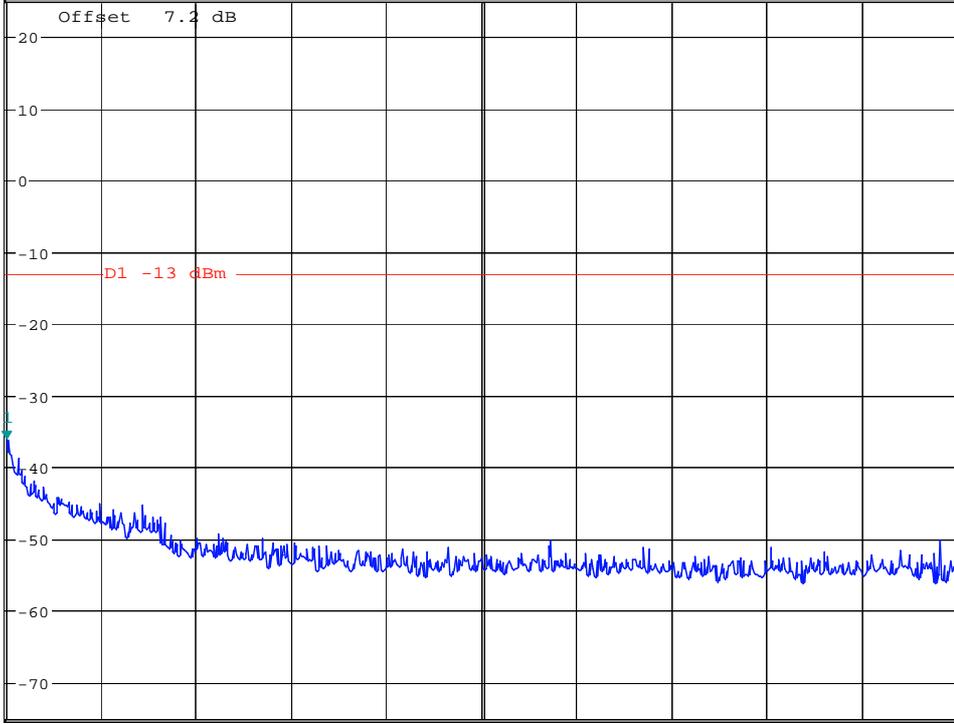
Date: 23.AUG.2008 17:01:07



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -36.26 dBm
SWT 300 ms 150.00000000 kHz

Ref 25 dBm

Att 45 dB

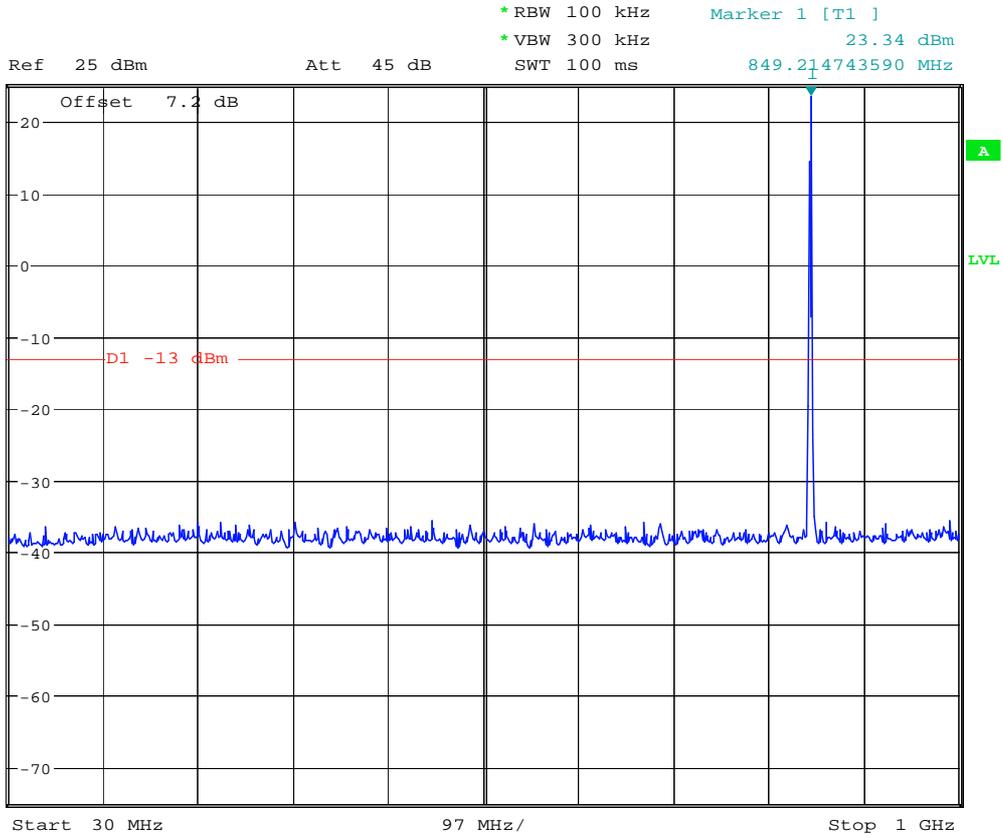


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 23.AUG.2008 17:01:33



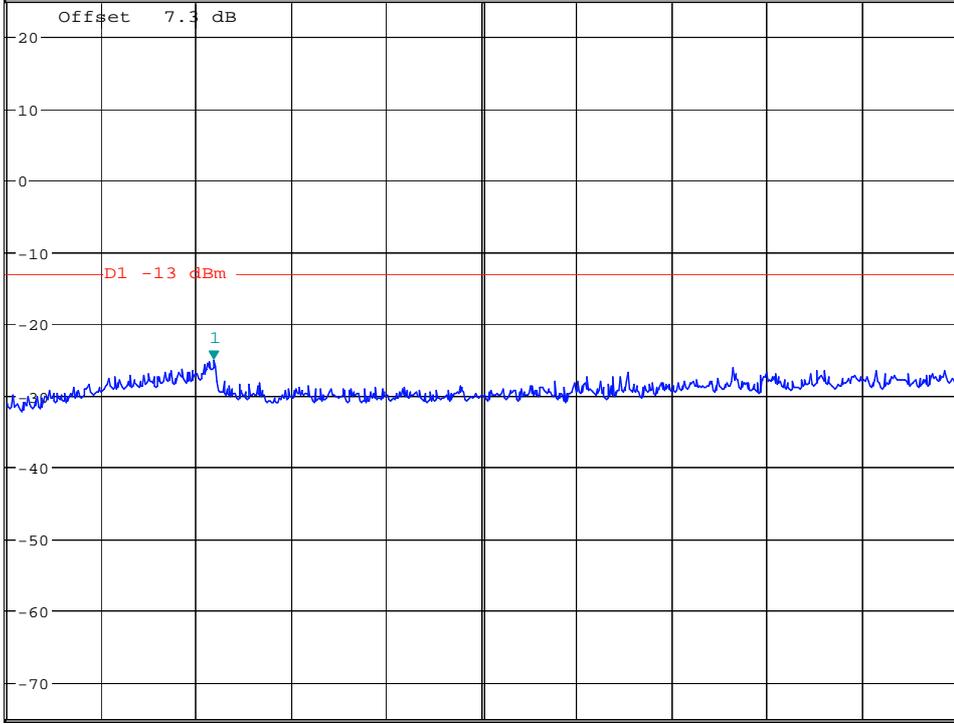
Date: 23.AUG.2008 17:02:00



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.09 dBm
SWT 70 ms 3.560897436 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

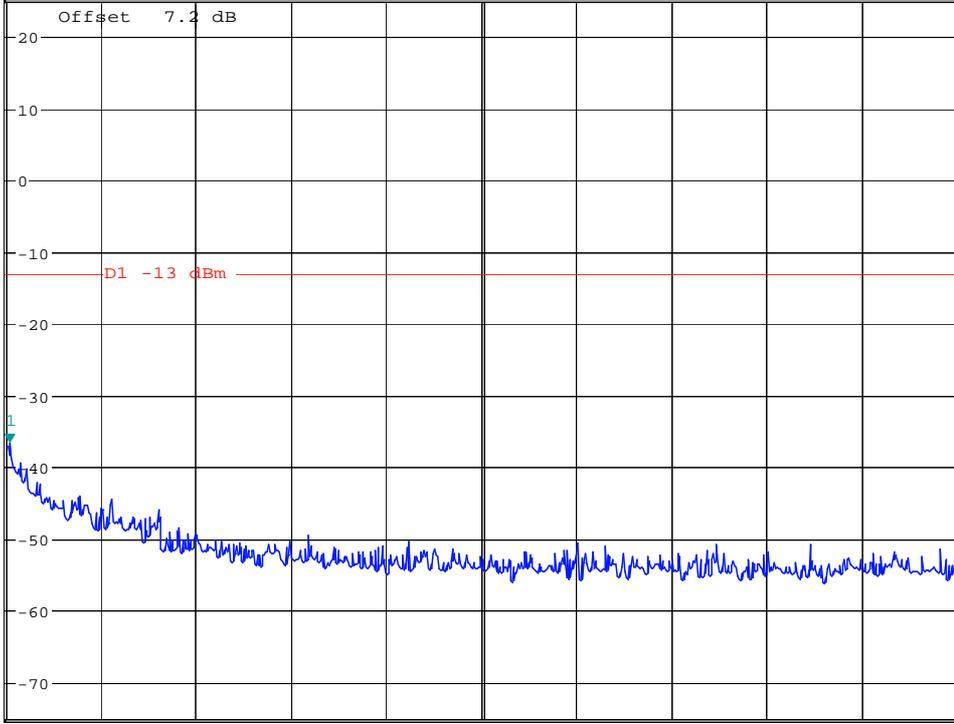
Date: 23.AUG.2008 17:02:26



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -36.74 dBm
SWT 300 ms 245.673076923 kHz

Ref 25 dBm

Att 45 dB

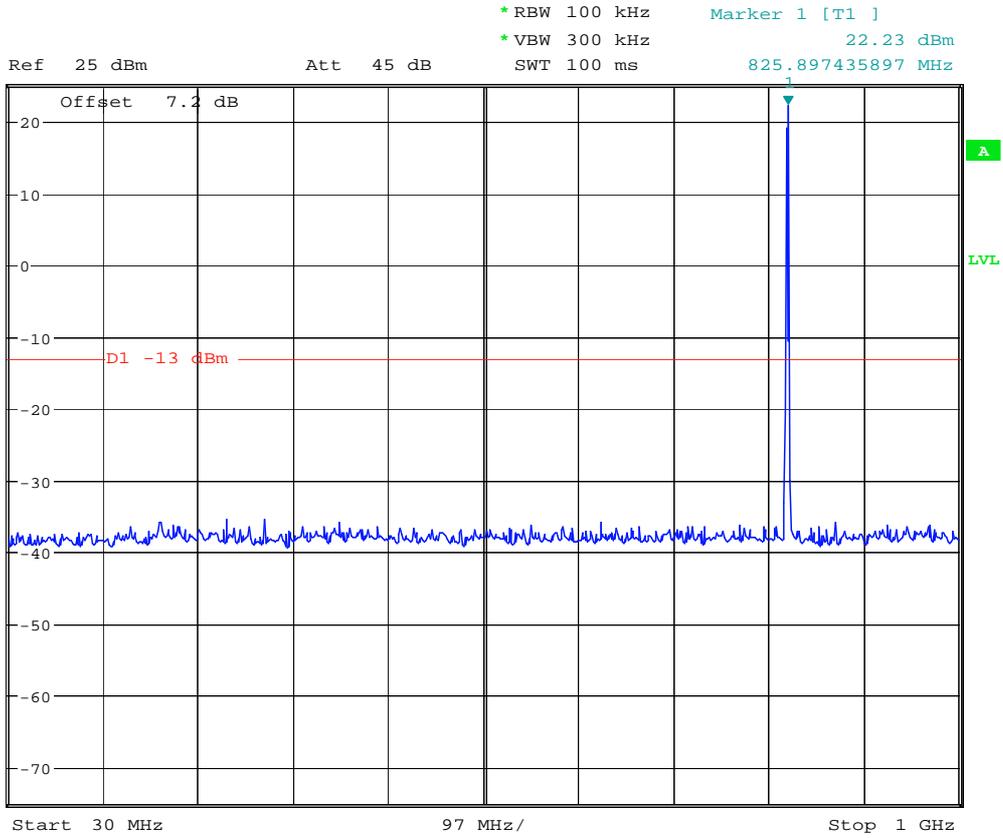


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 23.AUG.2008 17:03:01



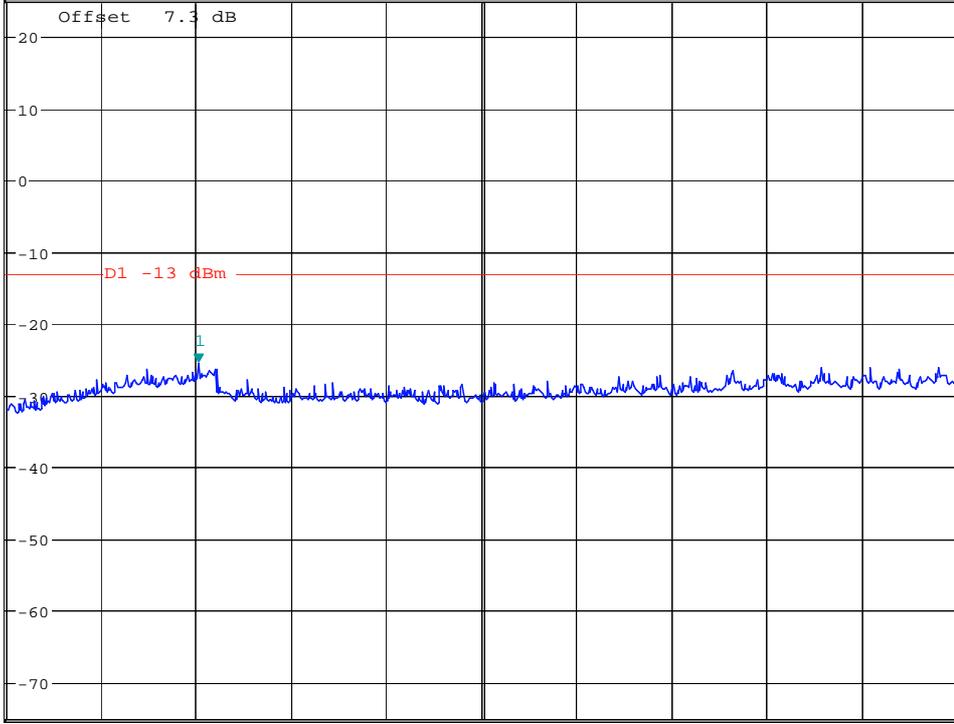
Date: 23.AUG.2008 17:03:28



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.62 dBm
SWT 70 ms 3.372596154 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

Date: 23.AUG.2008 17:03:54



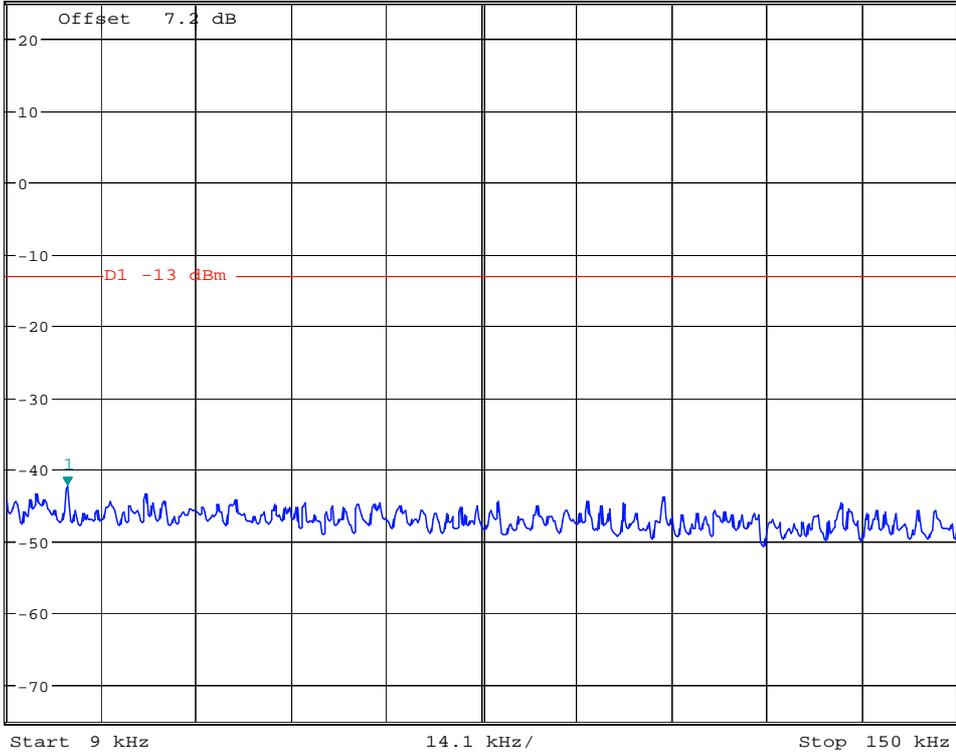
Channel 384



*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -42.23 dBm
SWT 145 ms 18.038461538 kHz

Ref 25 dBm

Att 45 dB



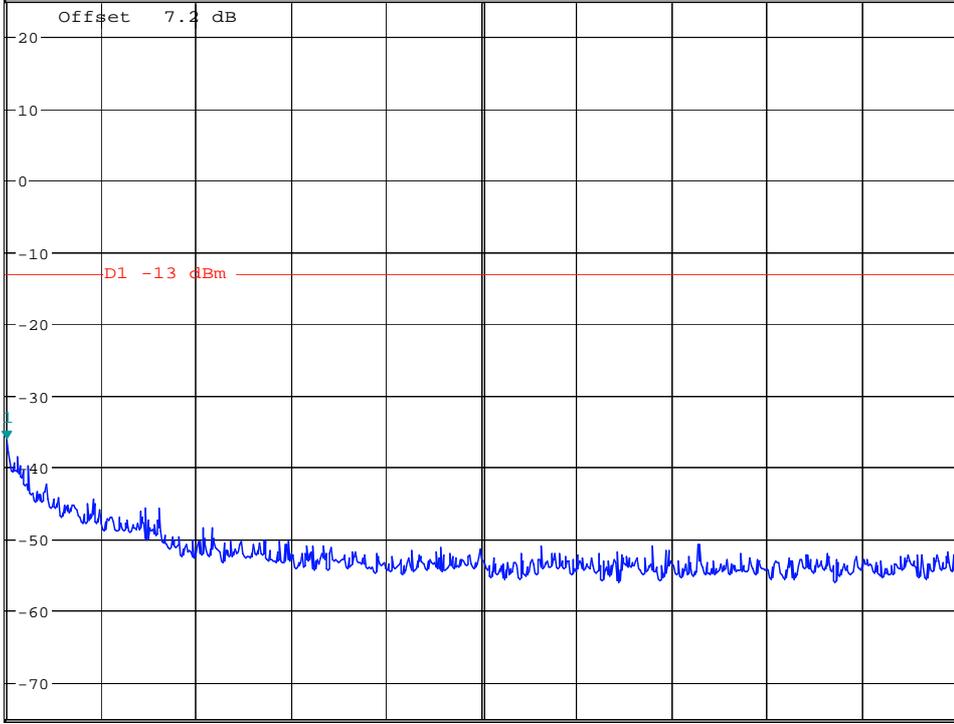
Date: 23.AUG.2008 17:02:44



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -36.26 dBm
SWT 300 ms 150.00000000 kHz

Ref 25 dBm

Att 45 dB

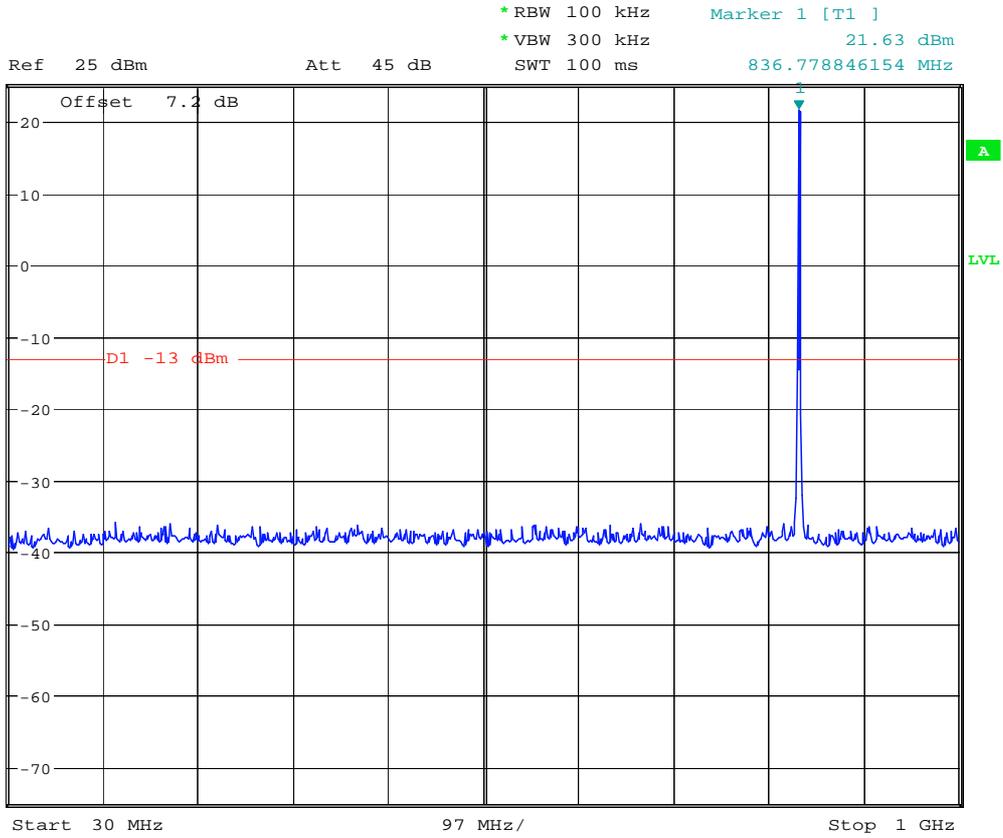


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 23.AUG.2008 17:03:10



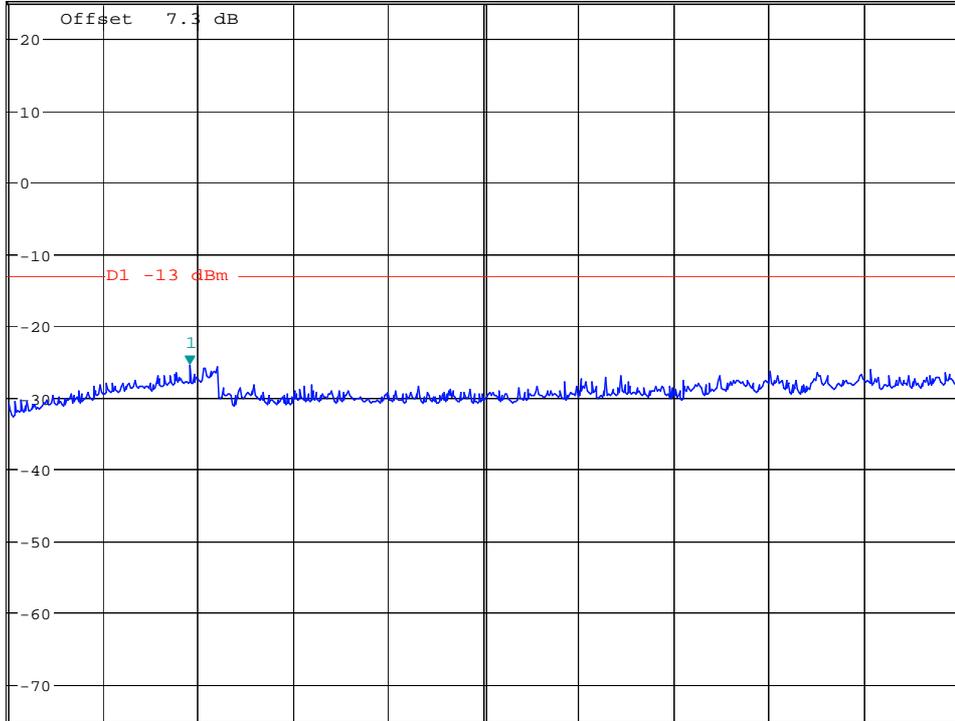
Date: 23.AUG.2008 17:03:36



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.45 dBm
SWT 70 ms 3.240785256 GHz

Ref 25 dBm

Att 45 dB



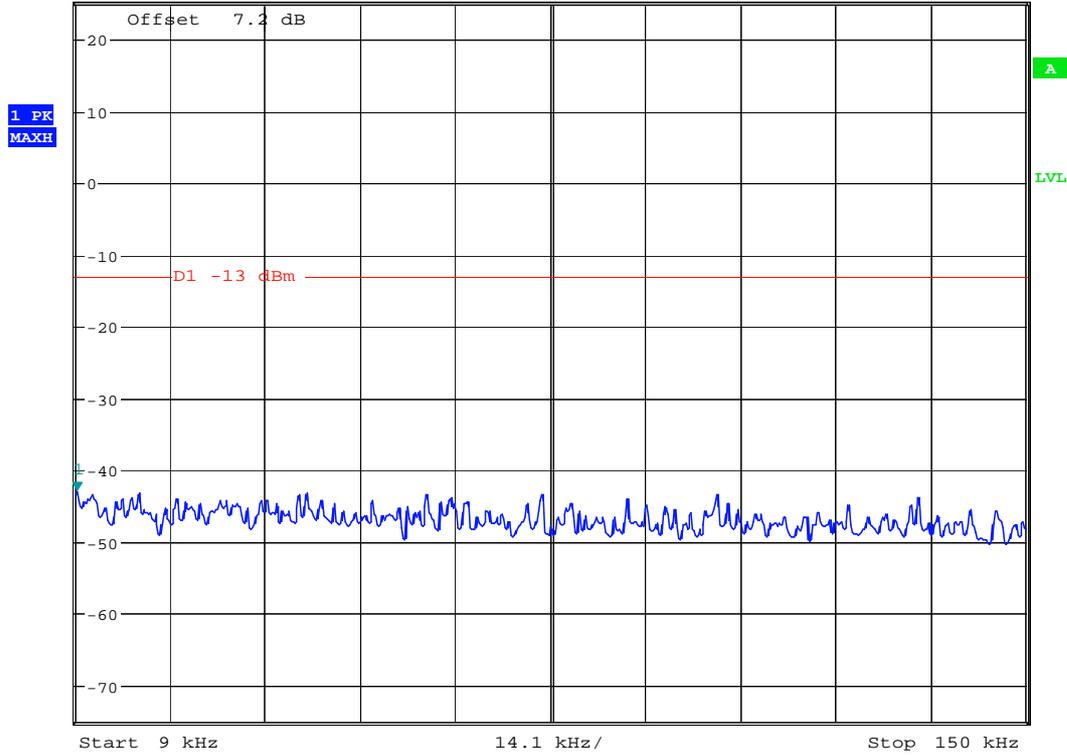
Date: 23.AUG.2008 17:04:03



Channel 777



Ref 25 dBm Att 45 dB *RBW 1 kHz *VBW 10 kHz SWT 145 ms Marker 1 [T1]
-42.97 dBm
9.225961538 kHz



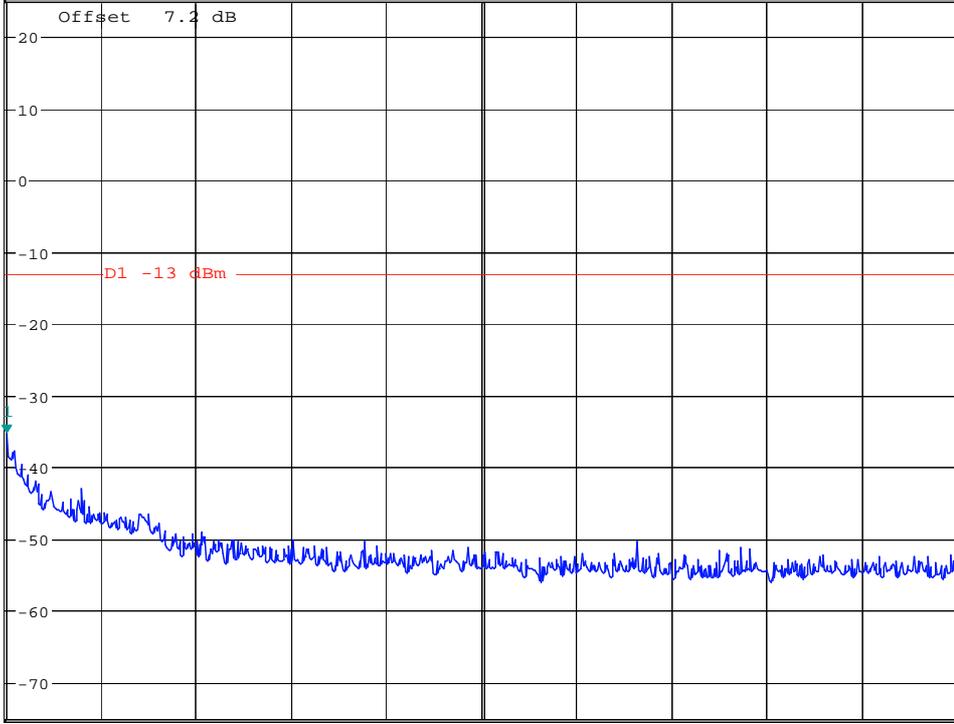
Date: 23.AUG.2008 17:02:52



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -35.30 dBm
SWT 300 ms 150.00000000 kHz

Ref 25 dBm

Att 45 dB

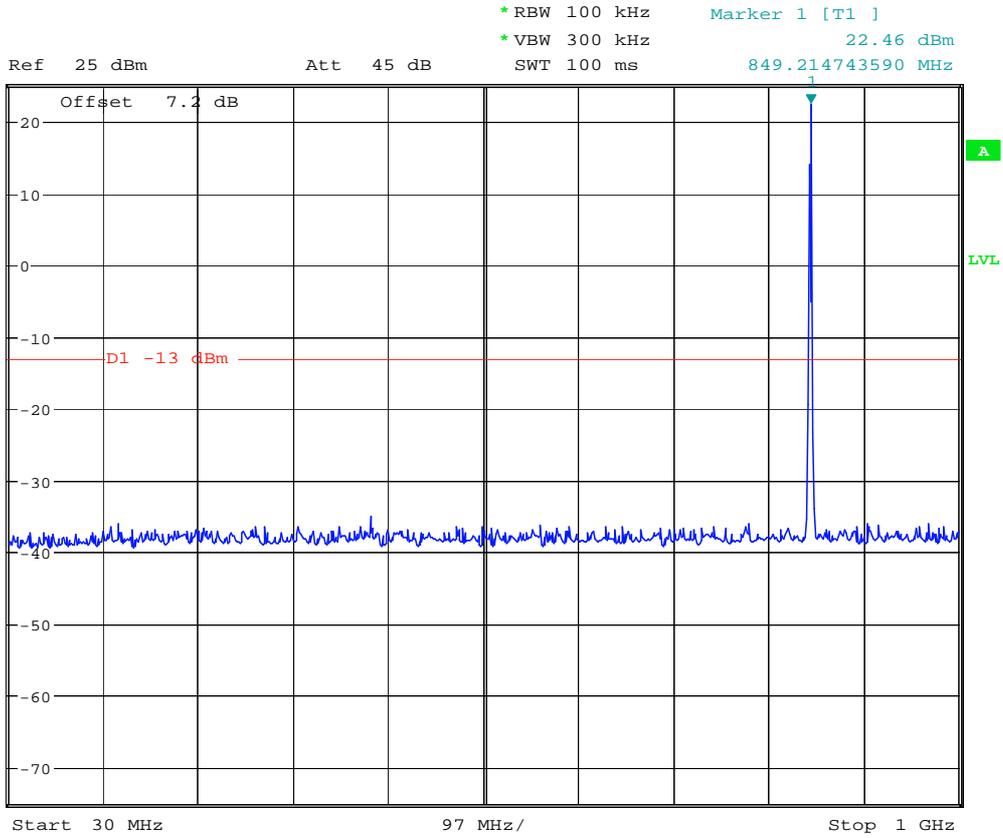


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 23.AUG.2008 17:03:19



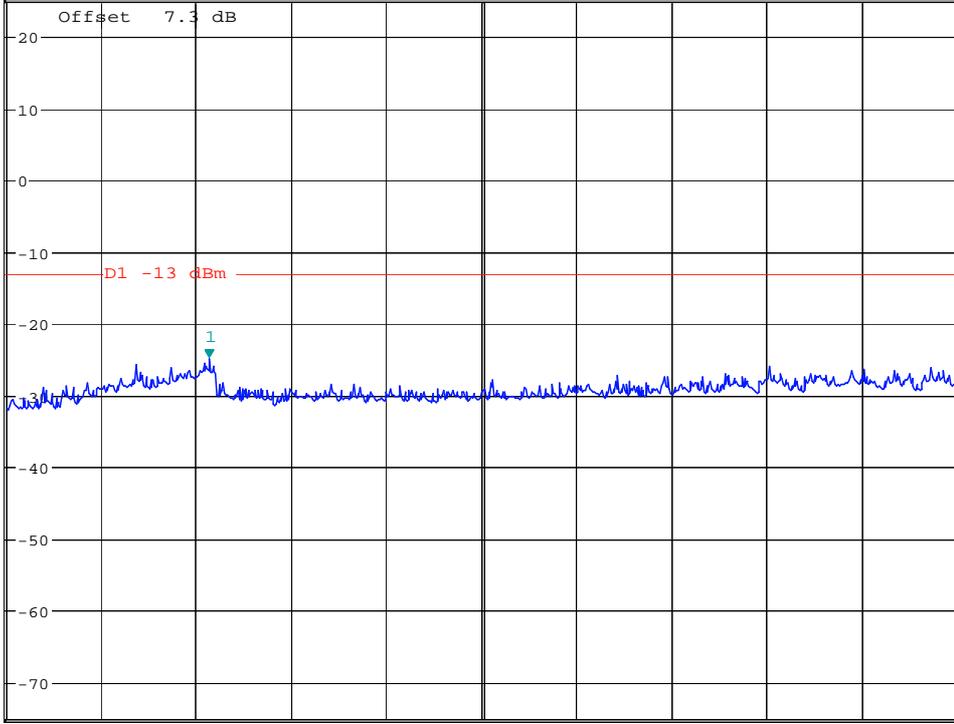
Date: 23.AUG.2008 17:03:45



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -24.84 dBm
SWT 70 ms 3.504407051 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

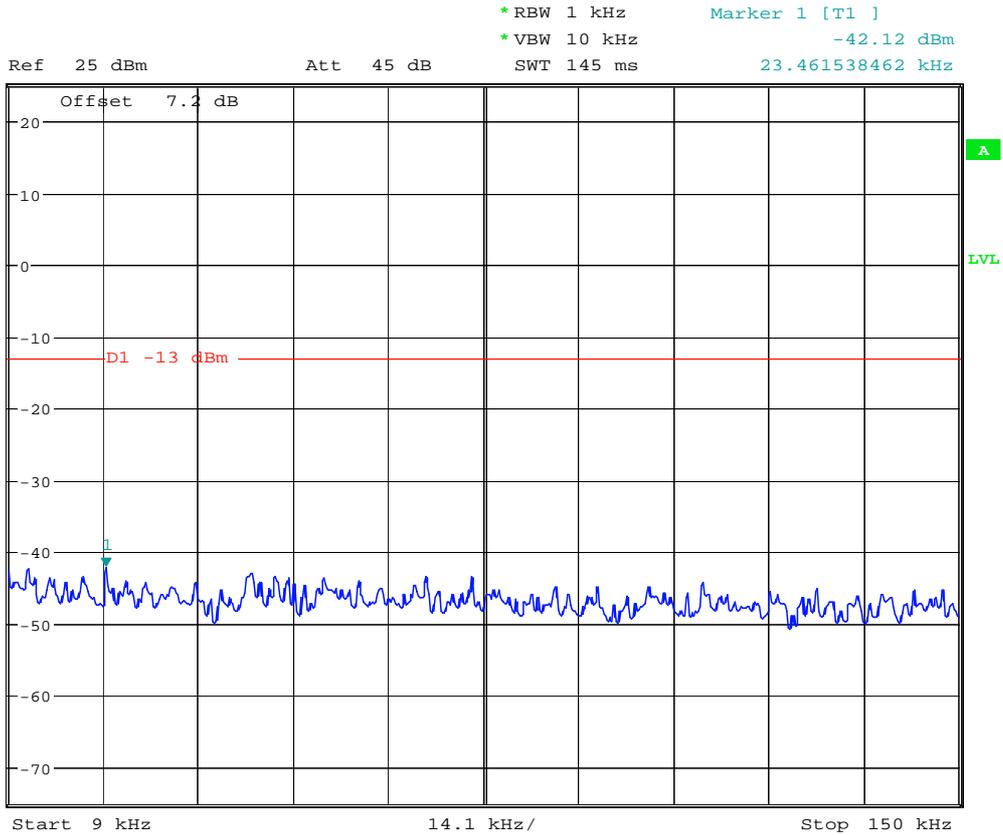
Stop 12.75 GHz

Date: 23.AUG.2008 17:04:11



Modulation : 8PSK

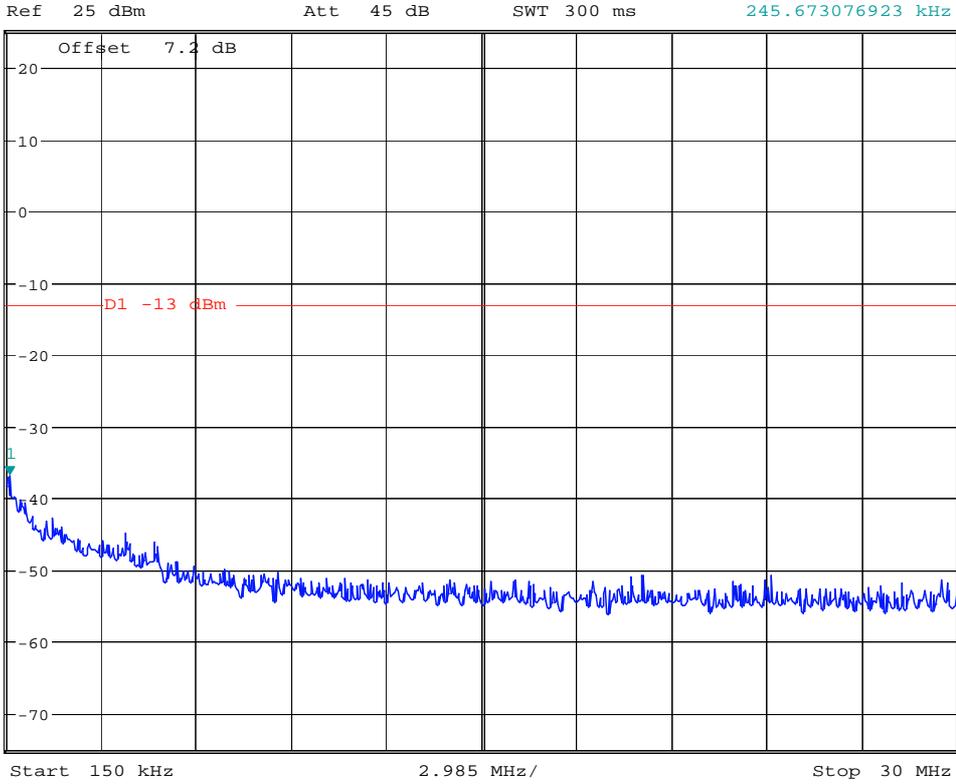
Channel 1013



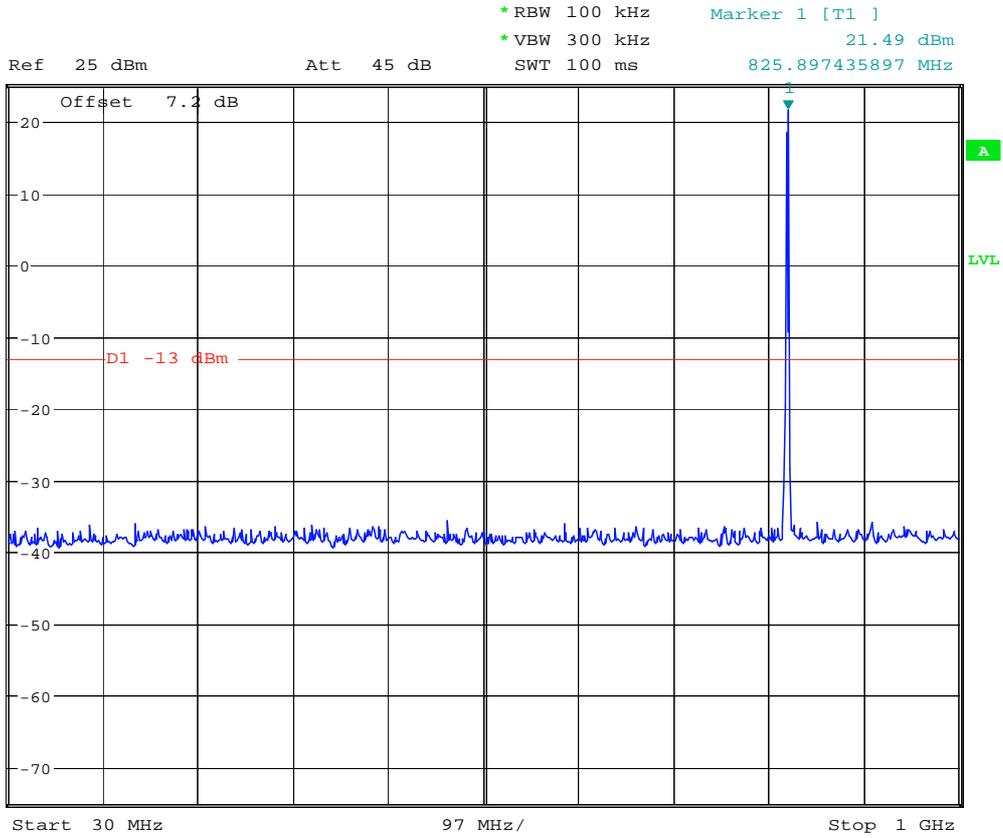
Date: 23.AUG.2008 17:04:20



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -36.91 dBm
SWT 300 ms 245.673076923 kHz



Date: 23.AUG.2008 17:04:47



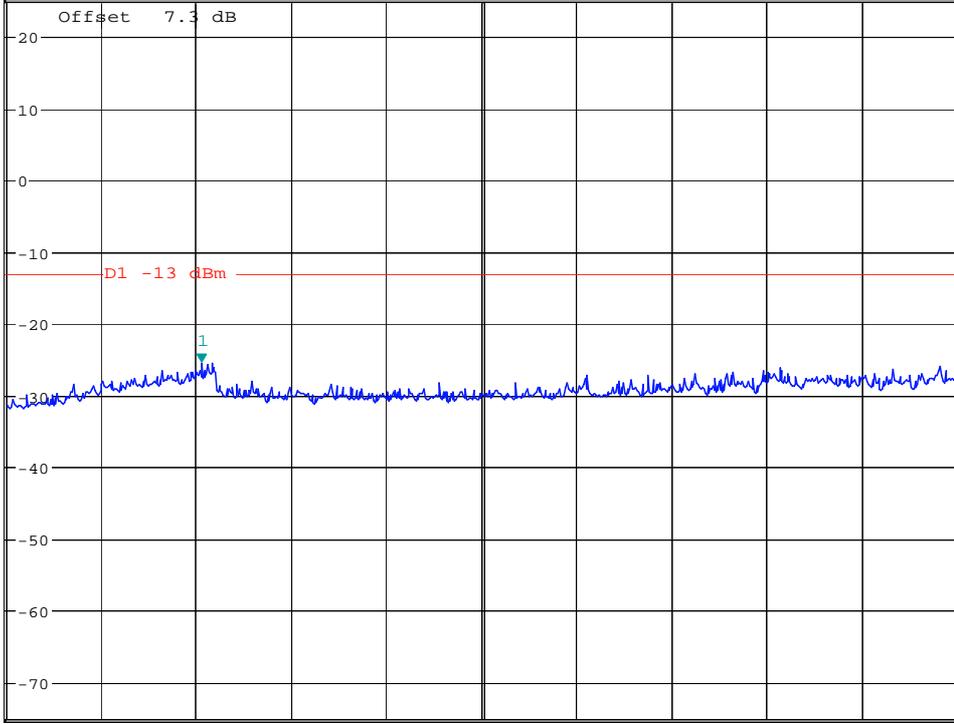
Date: 23.AUG.2008 17:05:13



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.49 dBm
SWT 70 ms 3.410256410 GHz

Ref 25 dBm

Att 45 dB



Date: 23.AUG.2008 17:05:40



Channel 384

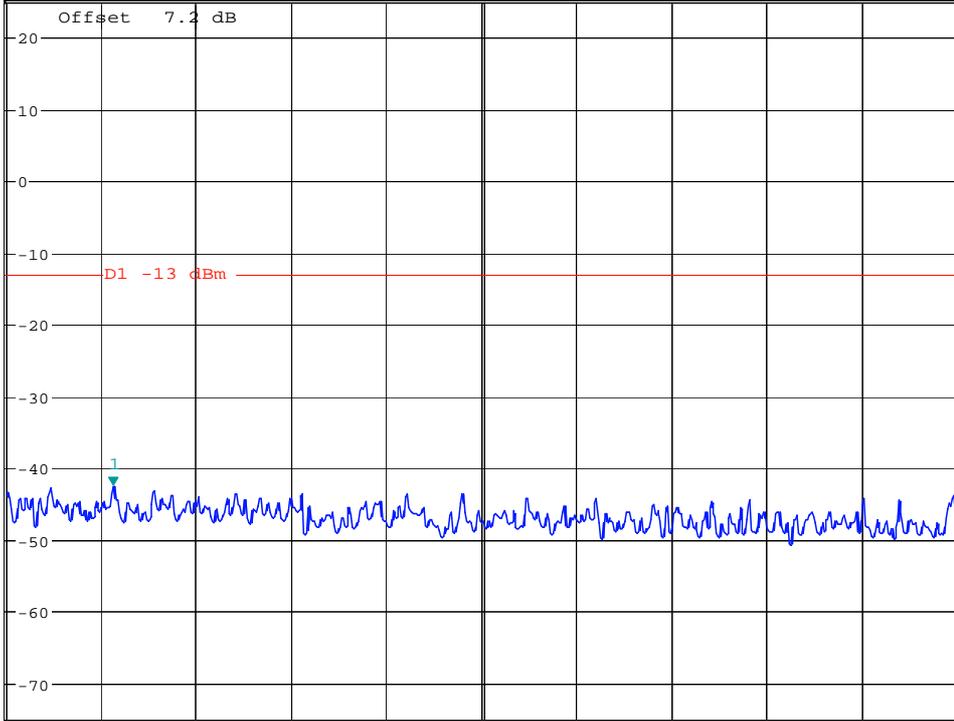


*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -42.56 dBm
SWT 145 ms 24.817307692 kHz

Ref 25 dBm

Att 45 dB

1 PK
MAXH



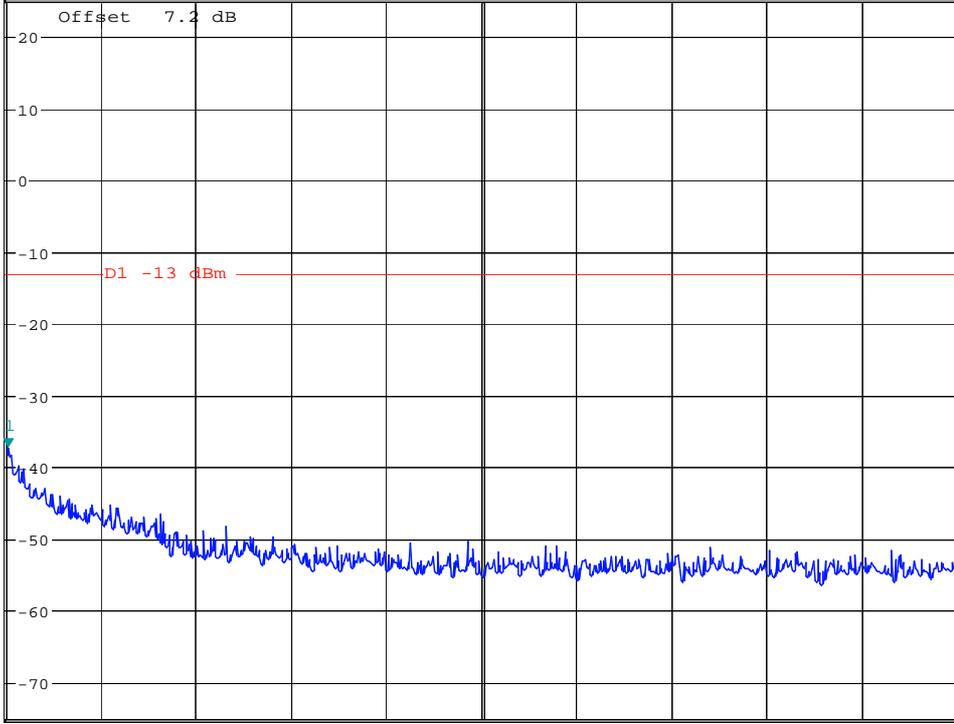
Date: 23.AUG.2008 17:04:29



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -37.31 dBm
SWT 300 ms 197.836538462 kHz

Ref 25 dBm

Att 45 dB

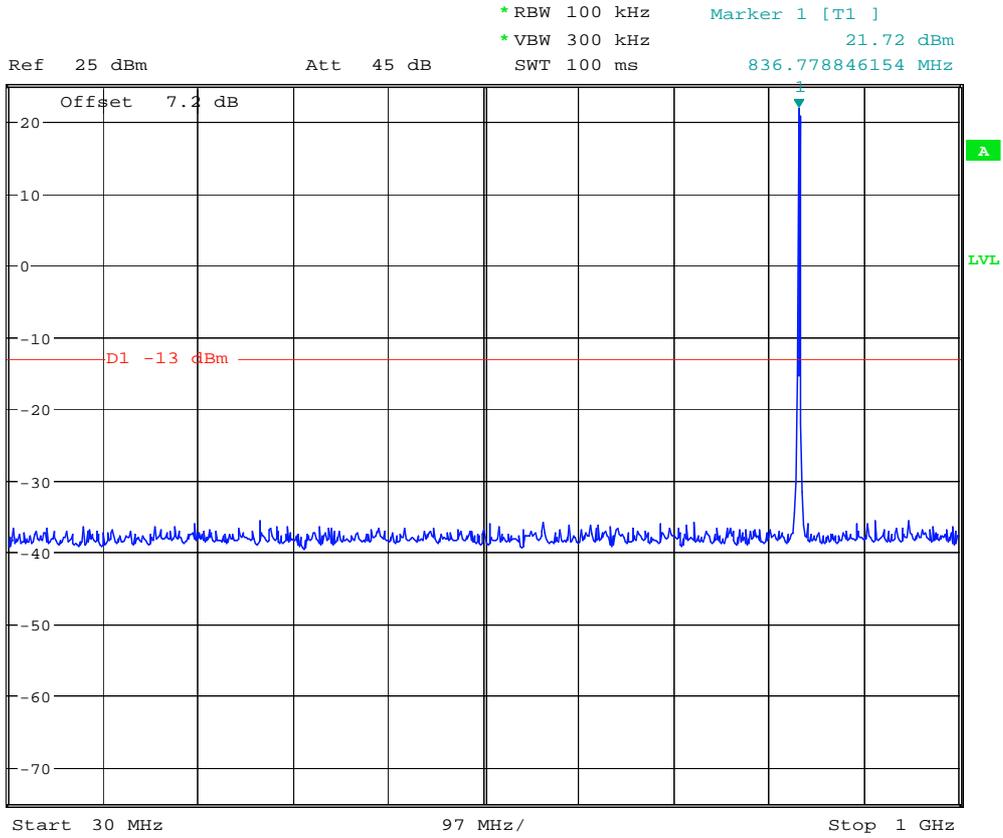


Start 150 kHz

2.985 MHz/

Stop 30 MHz

Date: 23.AUG.2008 17:04:55



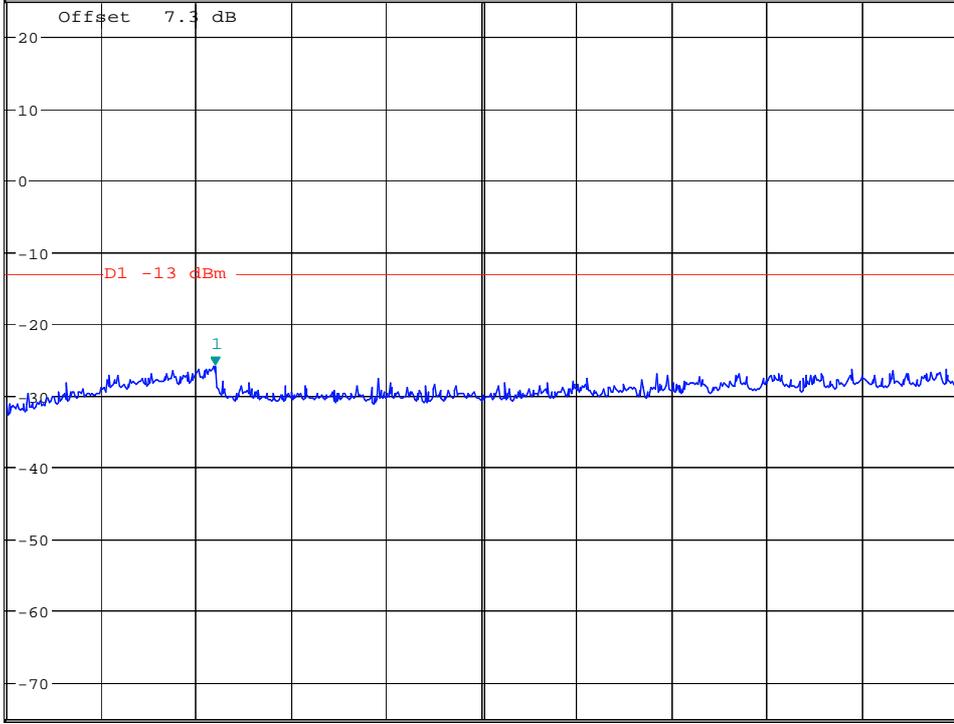
Date: 23.AUG.2008 17:05:22



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.99 dBm
SWT 70 ms 3.579727564 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

Date: 23.AUG.2008 17:05:48



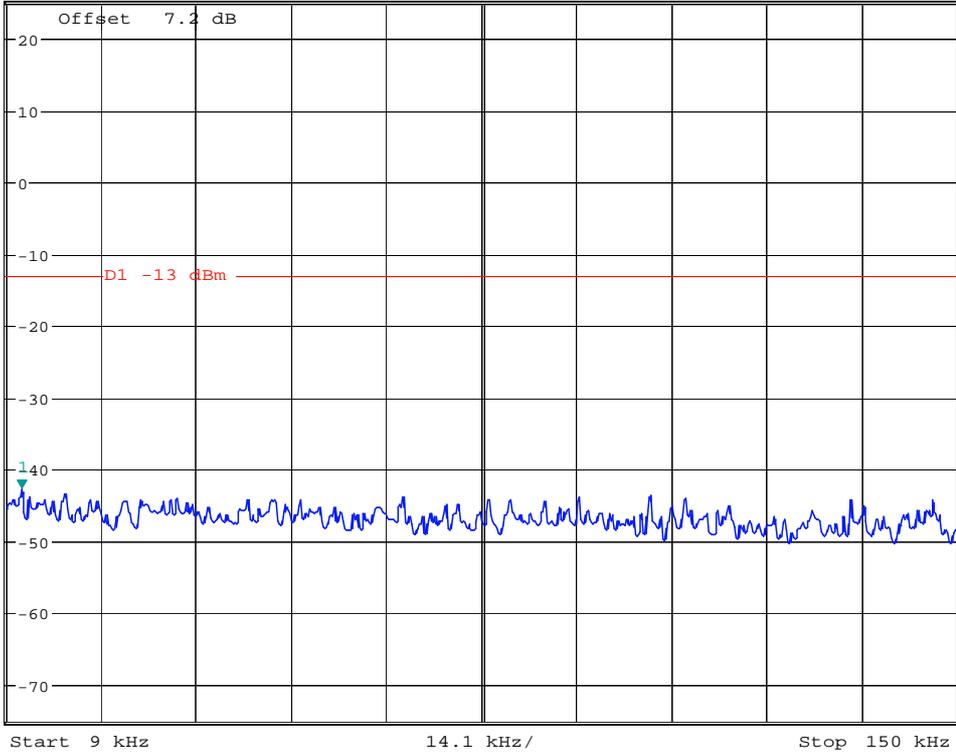
Channel 777



*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -42.85 dBm
SWT 145 ms 11.259615385 kHz

Ref 25 dBm

Att 45 dB



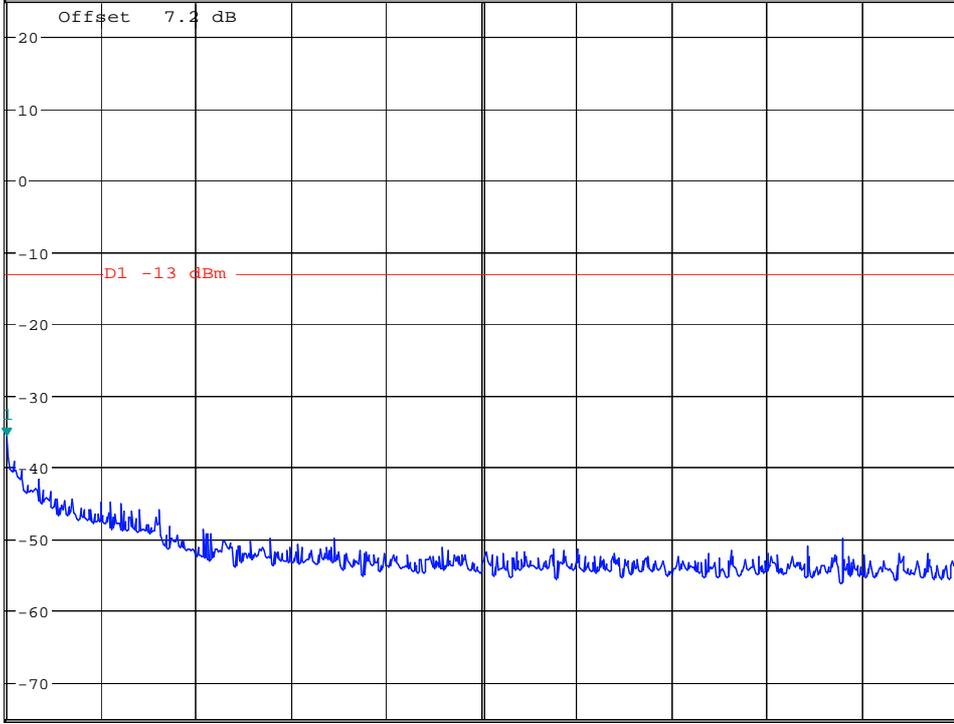
Date: 23.AUG.2008 17:04:38



*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -35.83 dBm
SWT 300 ms 150.00000000 kHz

Ref 25 dBm

Att 45 dB



Start 150 kHz

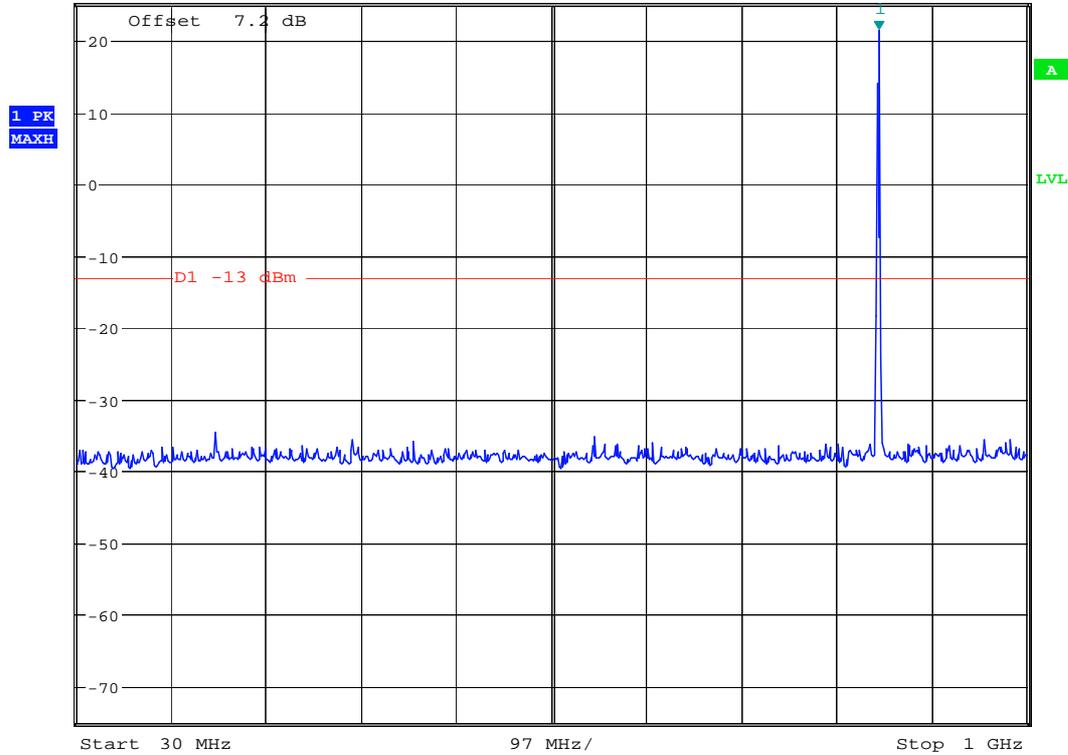
2.985 MHz/

Stop 30 MHz

Date: 23.AUG.2008 17:05:04



Ref 25 dBm Att 45 dB SWT 100 ms
*RBW 100 kHz *VBW 300 kHz
Marker 1 [T1] 21.40 dBm
849.214743590 MHz



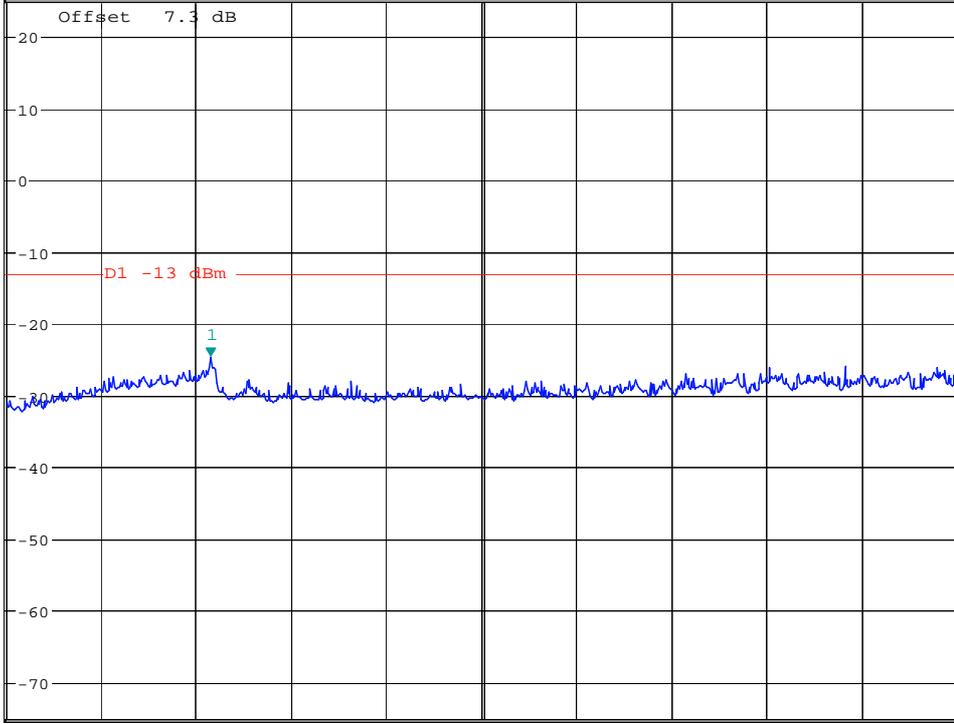
Date: 23.AUG.2008 17:05:30



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -24.72 dBm
SWT 70 ms 3.523237179 GHz

Ref 25 dBm

Att 45 dB



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

Date: 23.AUG.2008 17:05:57