



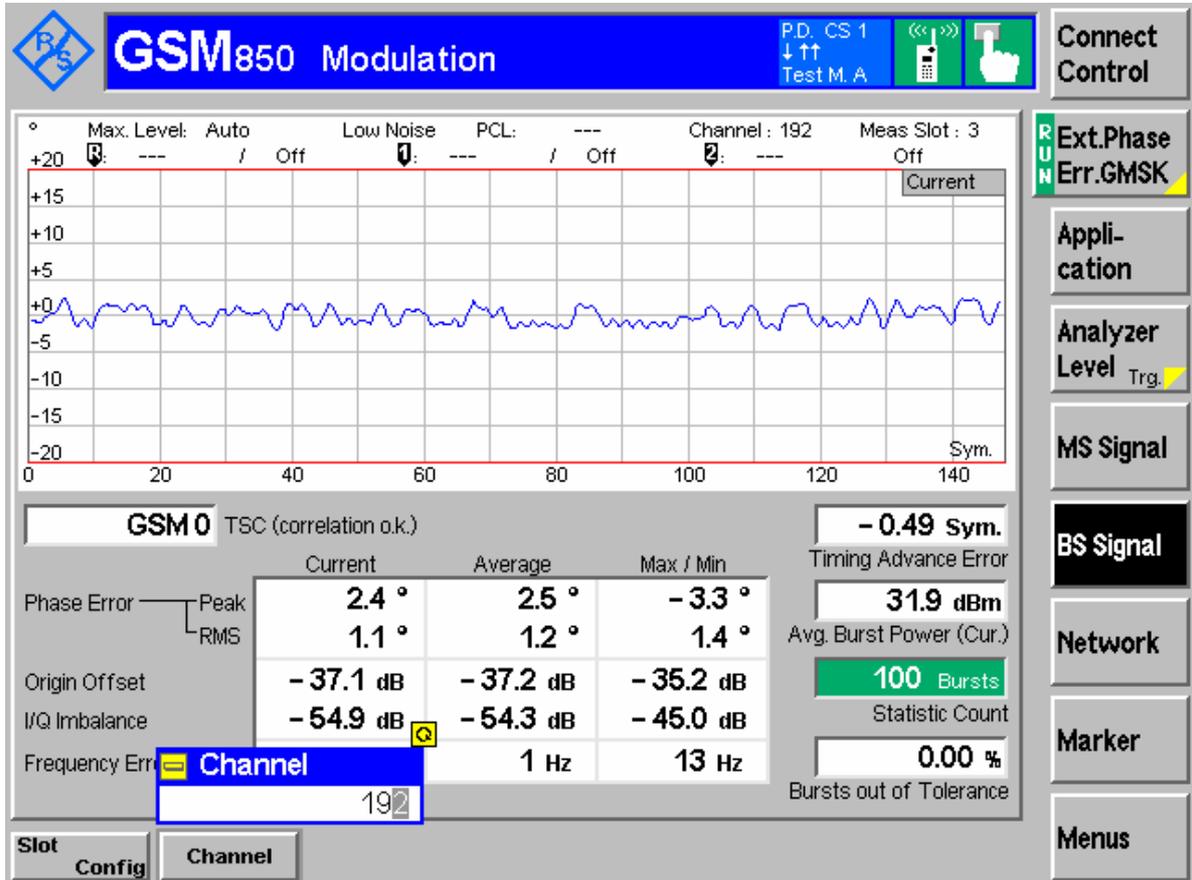
Appendix A

Modulation Characteristics

According to FCC Part 2.1047 & Part22 Subpart H

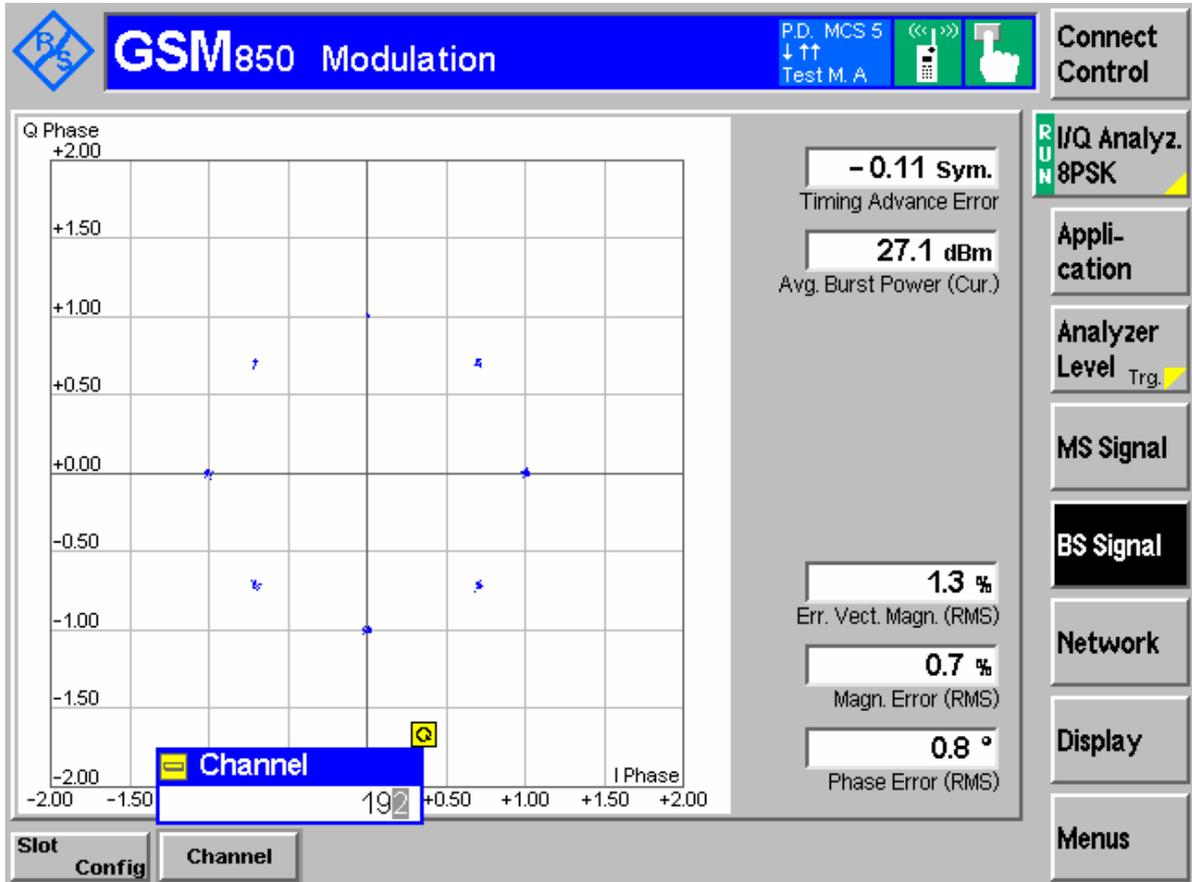


TM1:GPRS/GSM Channel 192





TM2:EDGE Channel 192





TM3: WCDMA Channel 4182

WCDMA

FDD Band V Modulation

CM OFF
 HSUPA
 HSDPA

Q Phase Measurement Length: 2560 Chip

RF Channel 4407

4.2 %
 Err. Vect. Magn. (RMS)

3.0 %
 Magn. Error (RMS)

1.7 °
 Phase Error (RMS)

0
 Slot Number

22.88 dBm
 UE Power

- 29.15 dB
 I/Q Origin Offset

- 38.22 dB
 I/Q Imbalance

RF Channel

RF Frequency

RF Freq. Offset

Test Step Precond.

TPC Pattern Config.

TPC Pattern Setup

Activate Pattern

Menus

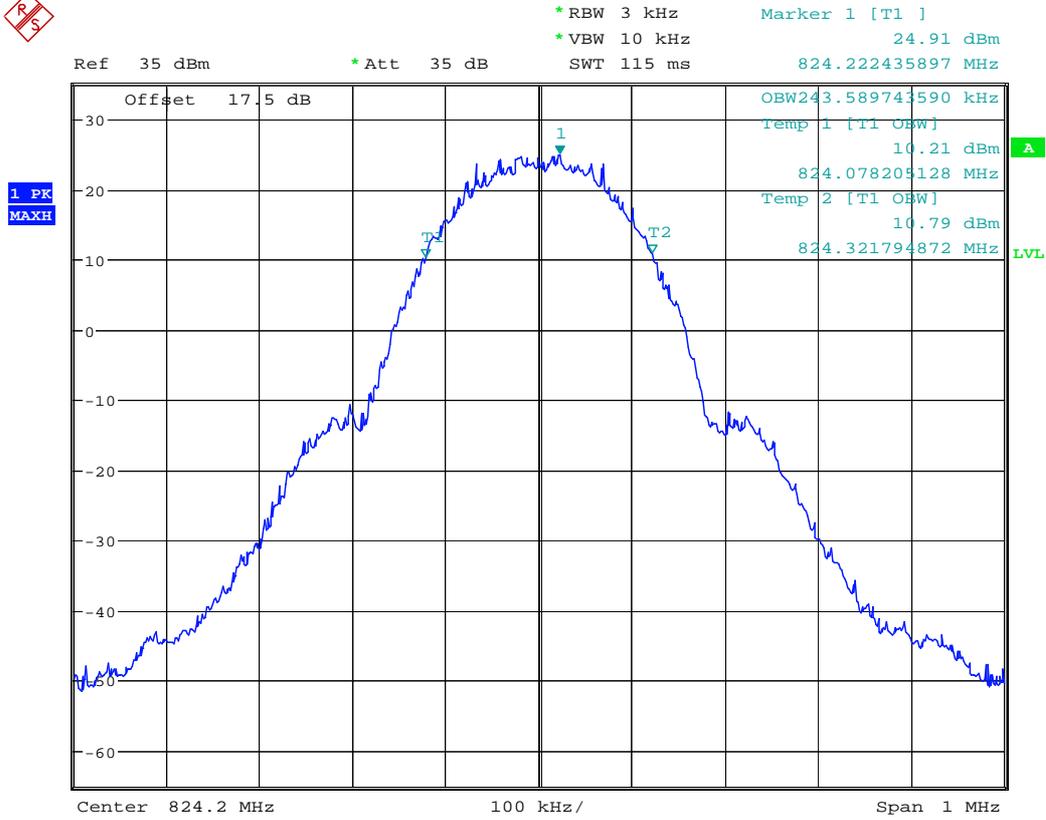


Appendix B

Occupied Bandwidth According to FCC Part 2.1049 & Part 22 Subpart H



TM1:GPRS/GSM Channel 128

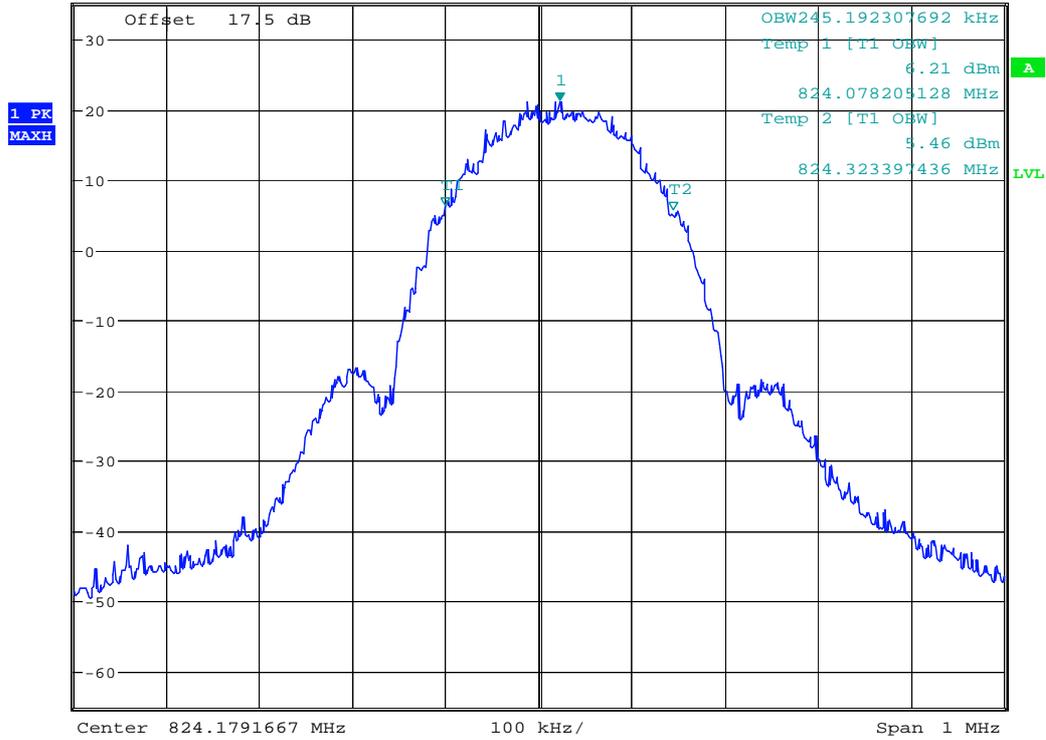




TM2:EDGE Channel 128

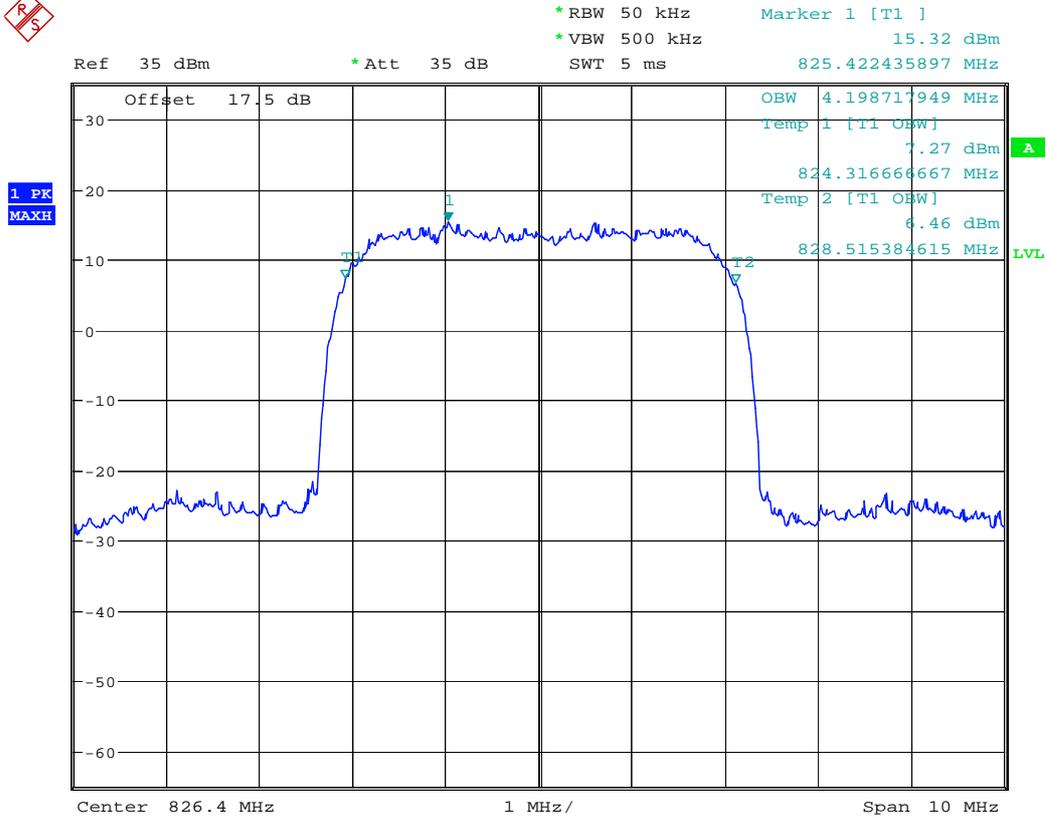


*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz 20.99 dBm
 Ref 35 dBm *Att 35 dB SWT 115 ms 824.201602564 MHz



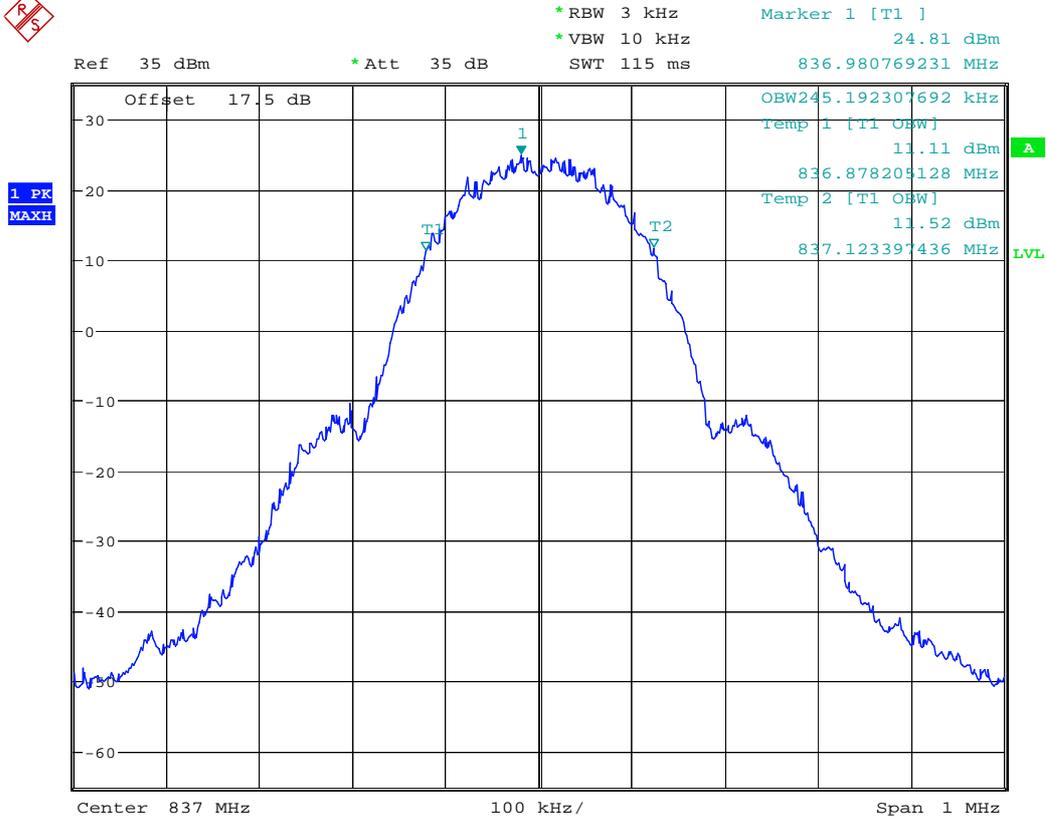


TM3: WCDMA Channel 4132



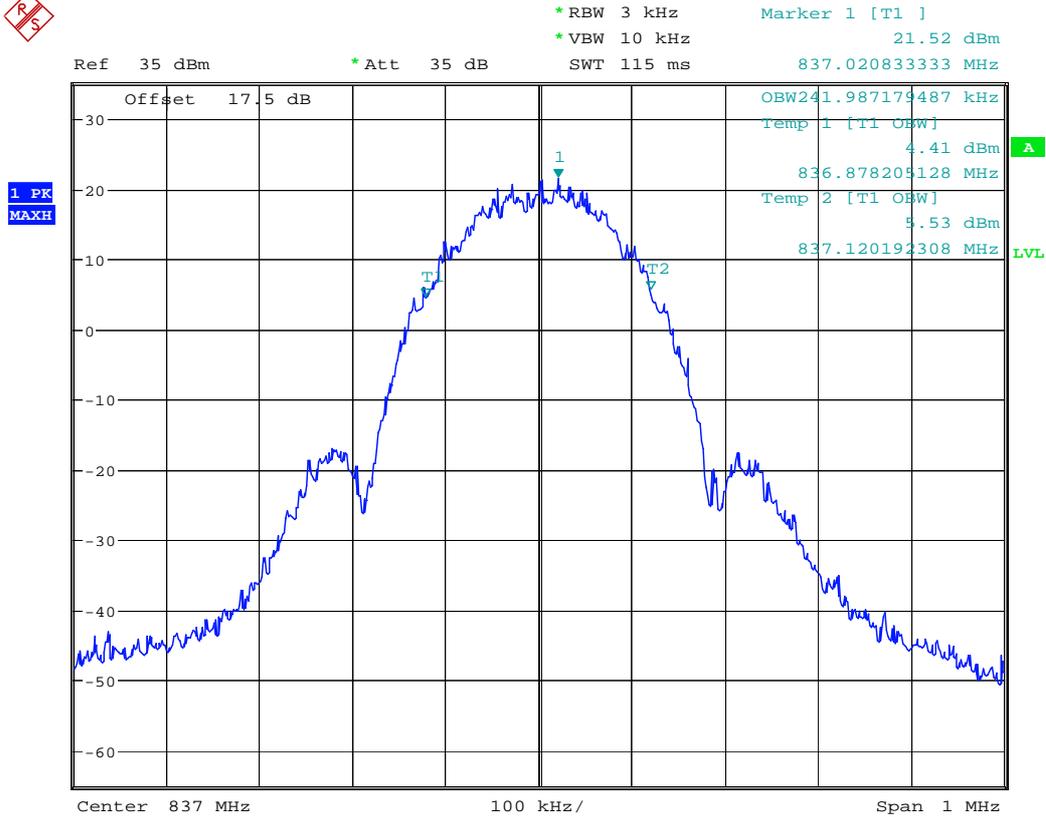


TM1:GPRS/GSM Channel 192





TM2:EDGE Channel 192



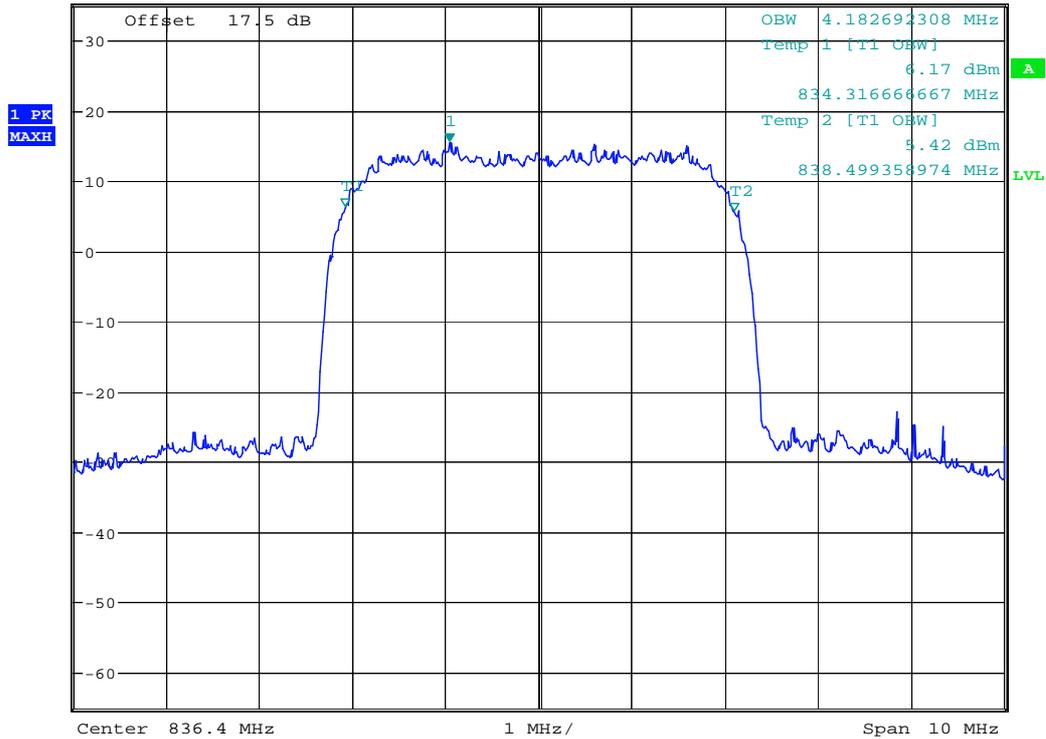


TM3: WCDMA Channel 4182



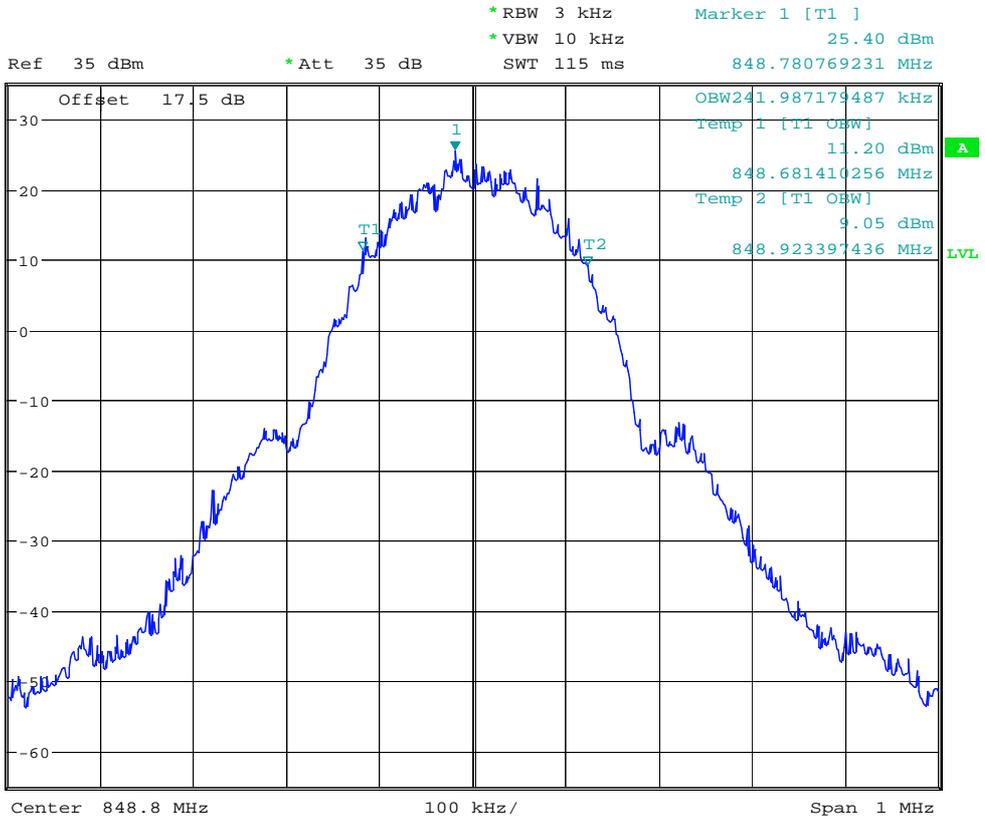
*RBW 50 kHz Marker 1 [T1]
*VBW 500 kHz 15.31 dBm
SWT 5 ms 835.438461538 MHz

Ref 35 dBm *Att 35 dB Offset 17.5 dB



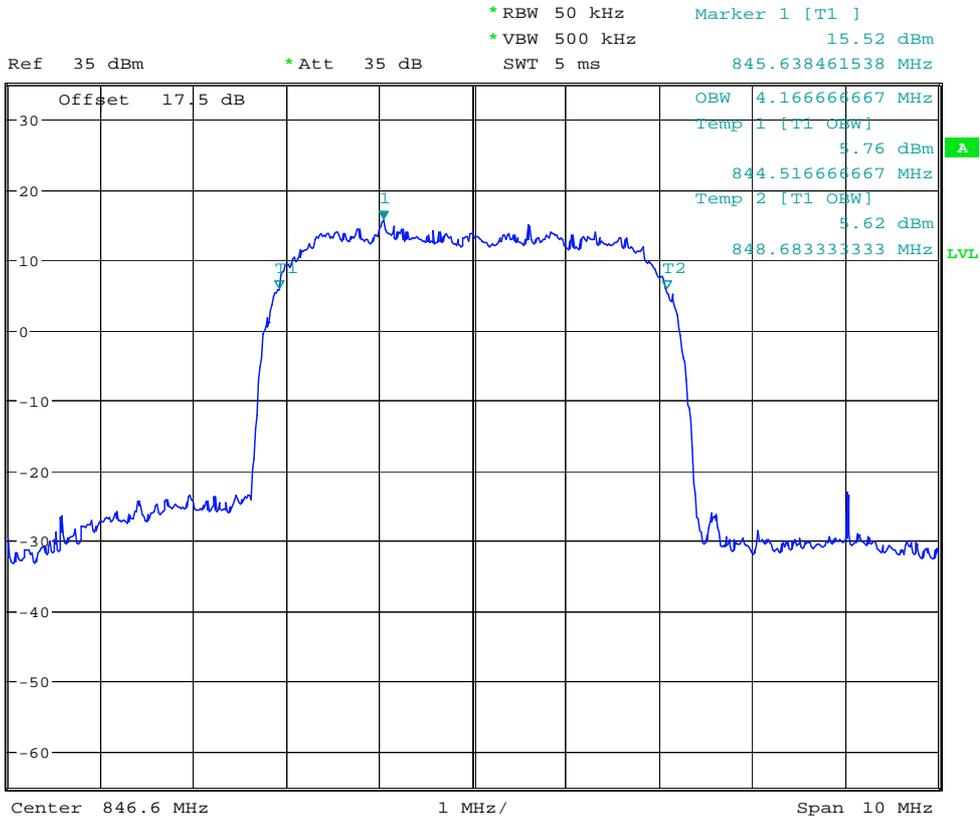


TM1:GPRS/GSM Channel 251





TM3: WCDMA Channel 4233





Appendix C

Band Edges Compliance According to FCC Part 2.1051 & 22.917



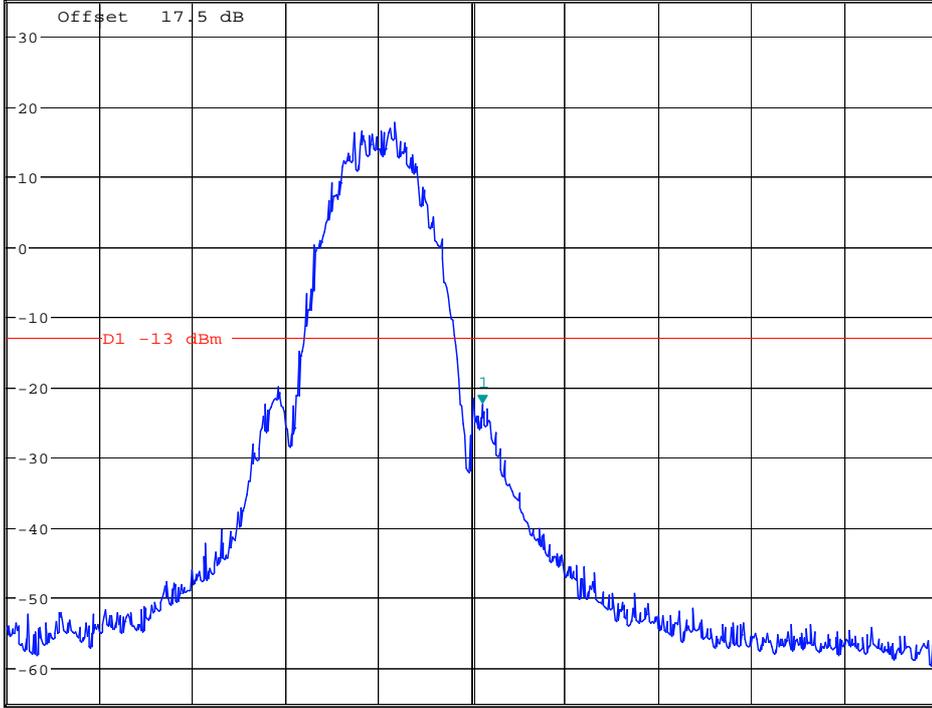
Right Edge Channel 251



*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz -22.42 dBm
SWT 225 ms 849.022435897 MHz

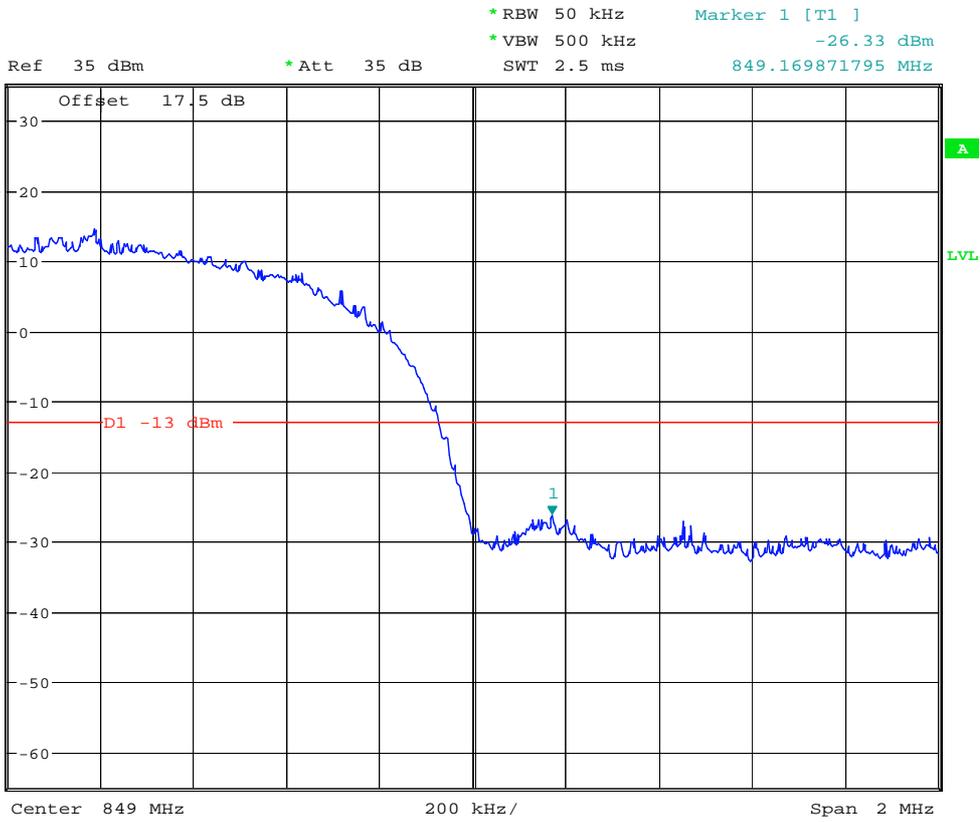
Ref 35 dBm

*Att 35 dB





Right Edge Channel 4233





Appendix D

Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & 22.917



TM1:GPRS/GSM

Channel 128

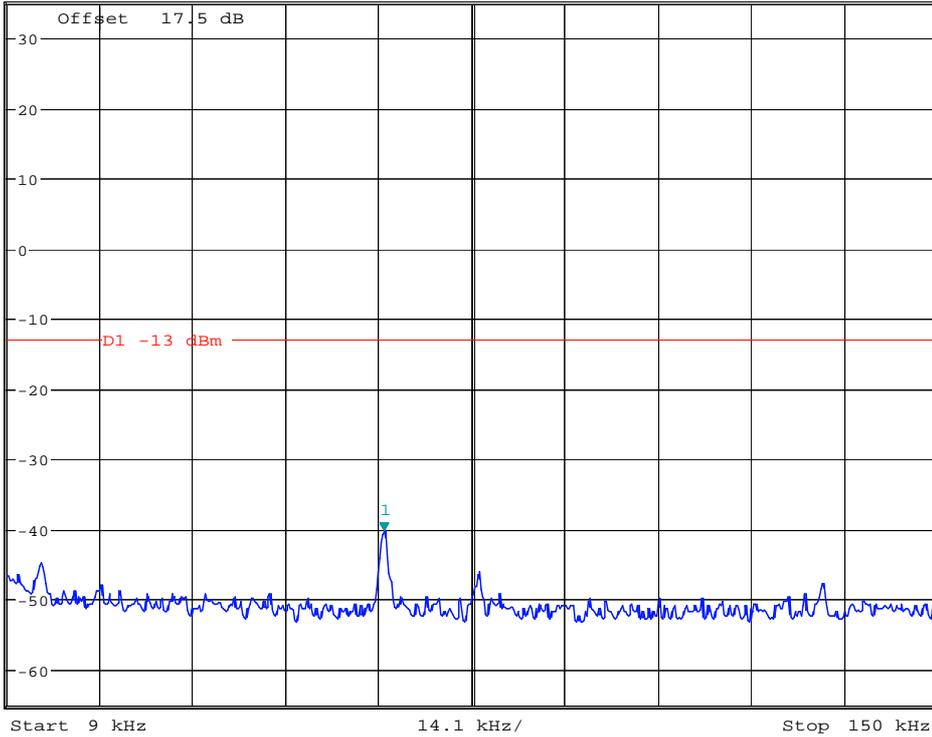


*RBW 1 kHz
*VBW 10 kHz
SWT 145 ms

Marker 1 [T1]
-40.42 dBm
66.168269231 kHz

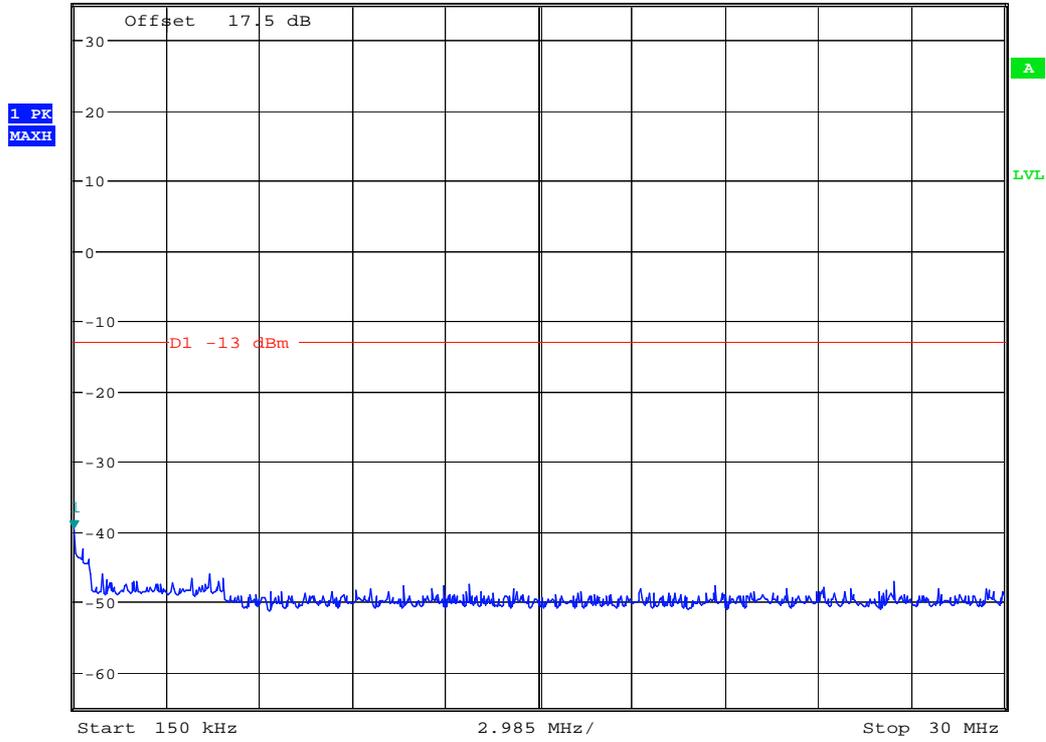
Ref 35 dBm

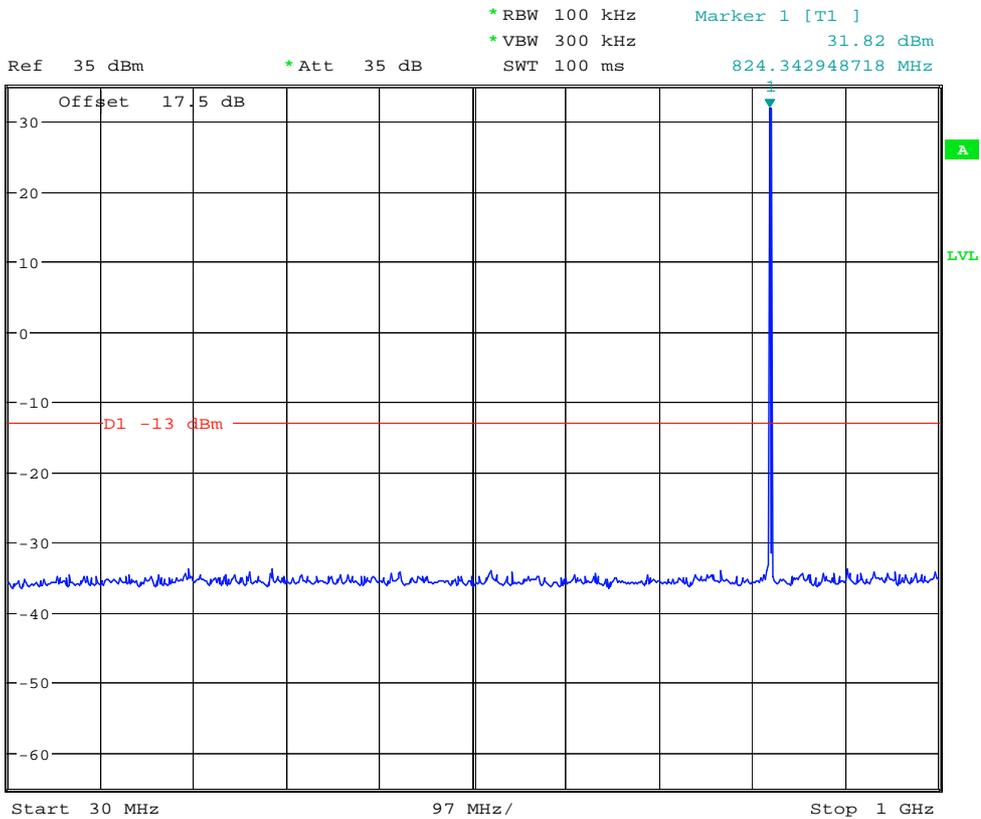
*Att 35 dB





Ref 35 dBm *Att 35 dB *RBW 10 kHz *VBW 30 kHz *SWT 300 ms
Marker 1 [T1] -39.67 dBm
150.00000000 kHz





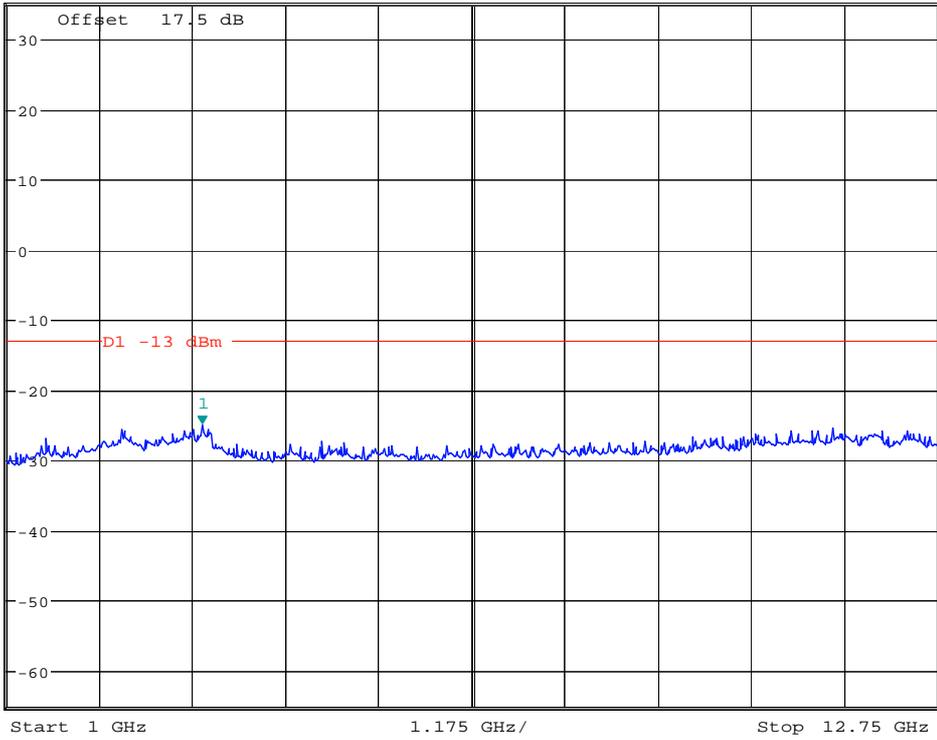


* RBW 1 MHz
* VBW 3 MHz
SWT 70 ms

Marker 1 [T1]
-25.01 dBm
3.466746795 GHz

Ref 35 dBm

* Att 35 dB





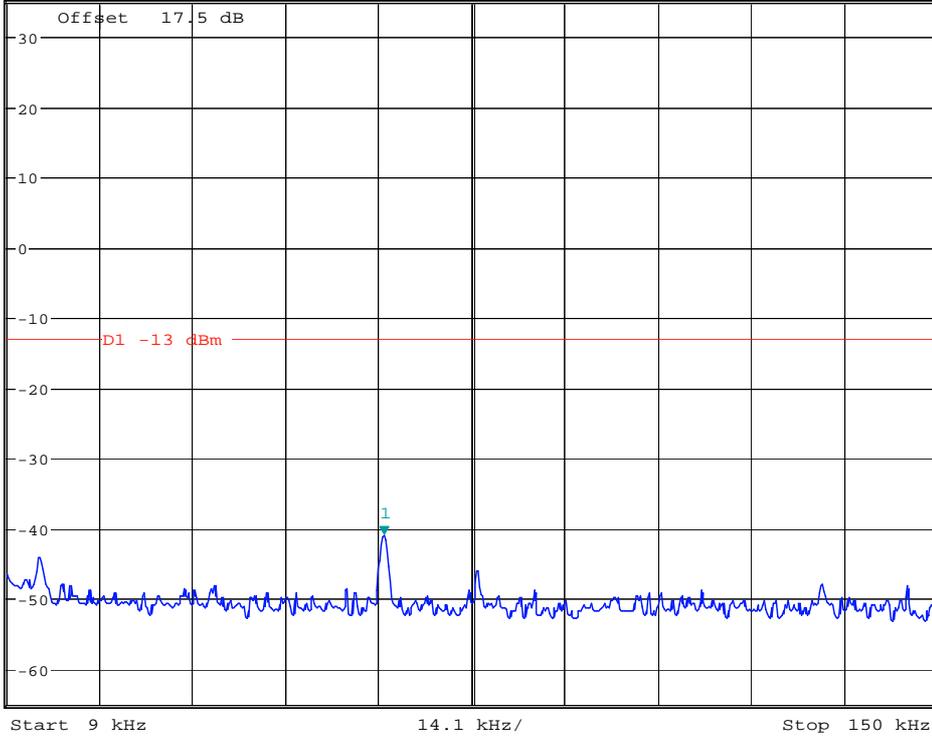
Channel 192



* RBW 1 kHz Marker 1 [T1]
* VBW 10 kHz -41.03 dBm
SWT 145 ms 66.168269231 kHz

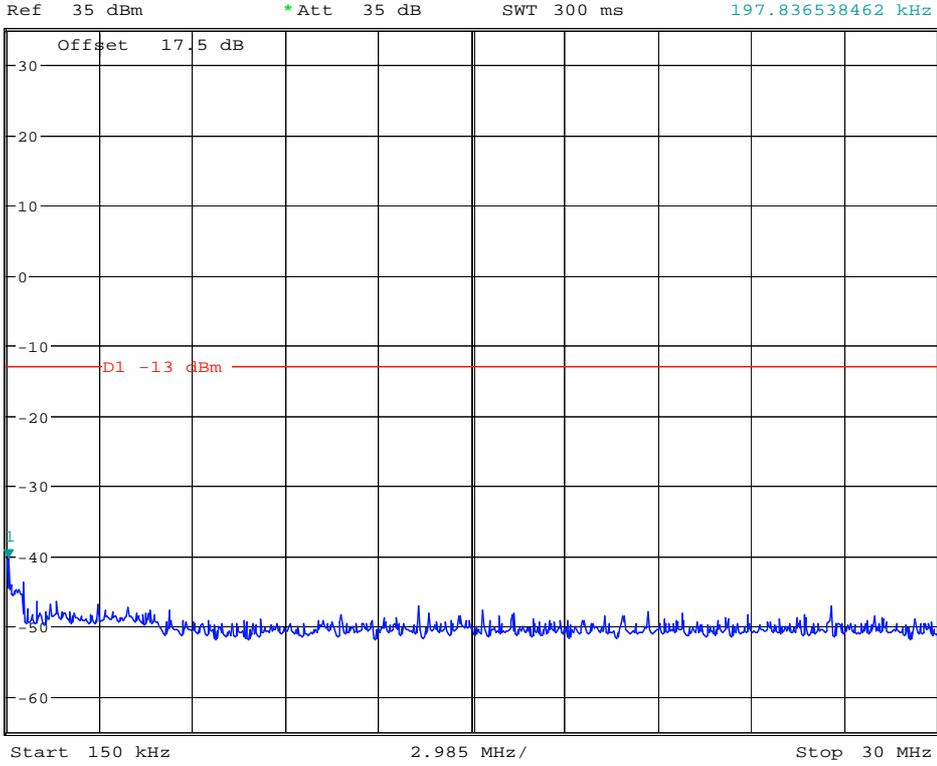
Ref 35 dBm

* Att 35 dB





*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -40.32 dBm
SWT 300 ms 197.836538462 kHz

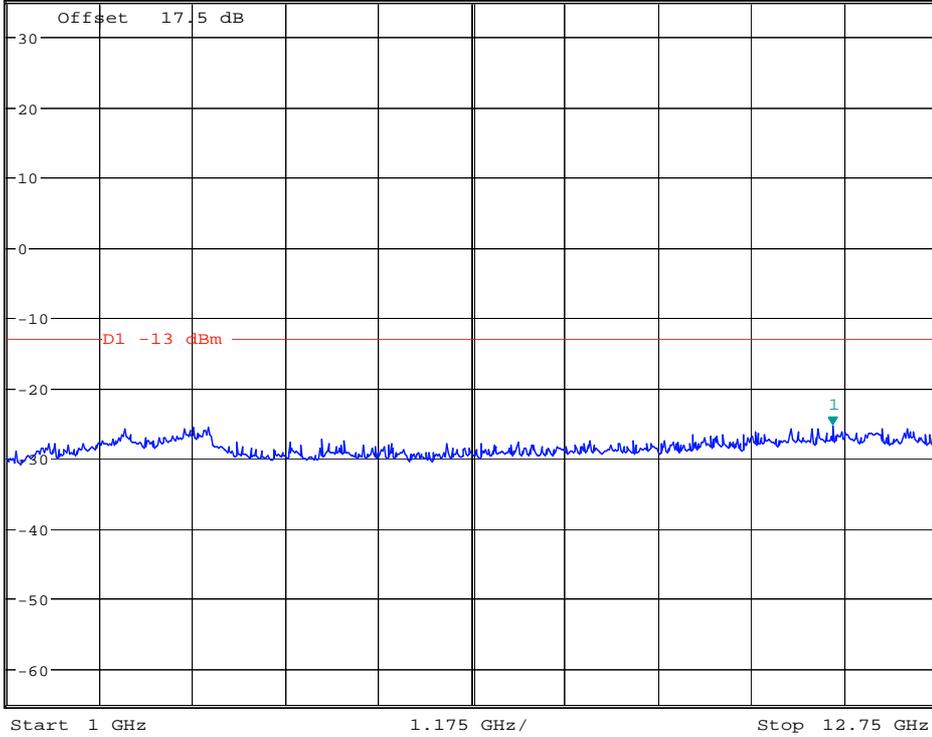




* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -25.35 dBm
SWT 70 ms 11.431891026 GHz

Ref 35 dBm

* Att 35 dB





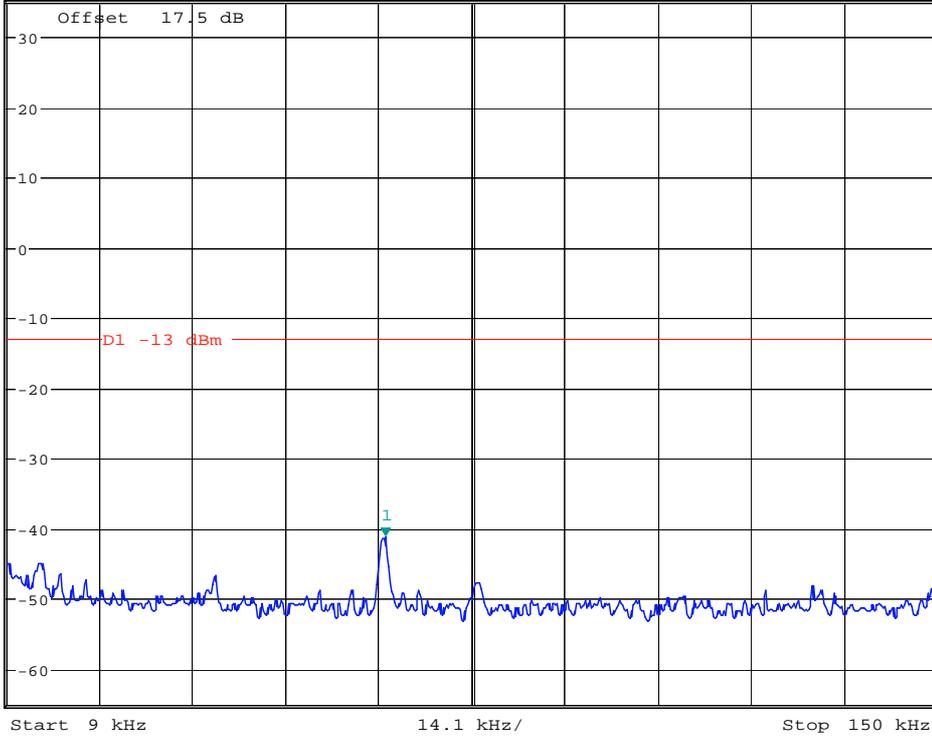
Channel 251



* RBW 1 kHz Marker 1 [T1]
* VBW 10 kHz -41.18 dBm
SWT 145 ms 66.394230769 kHz

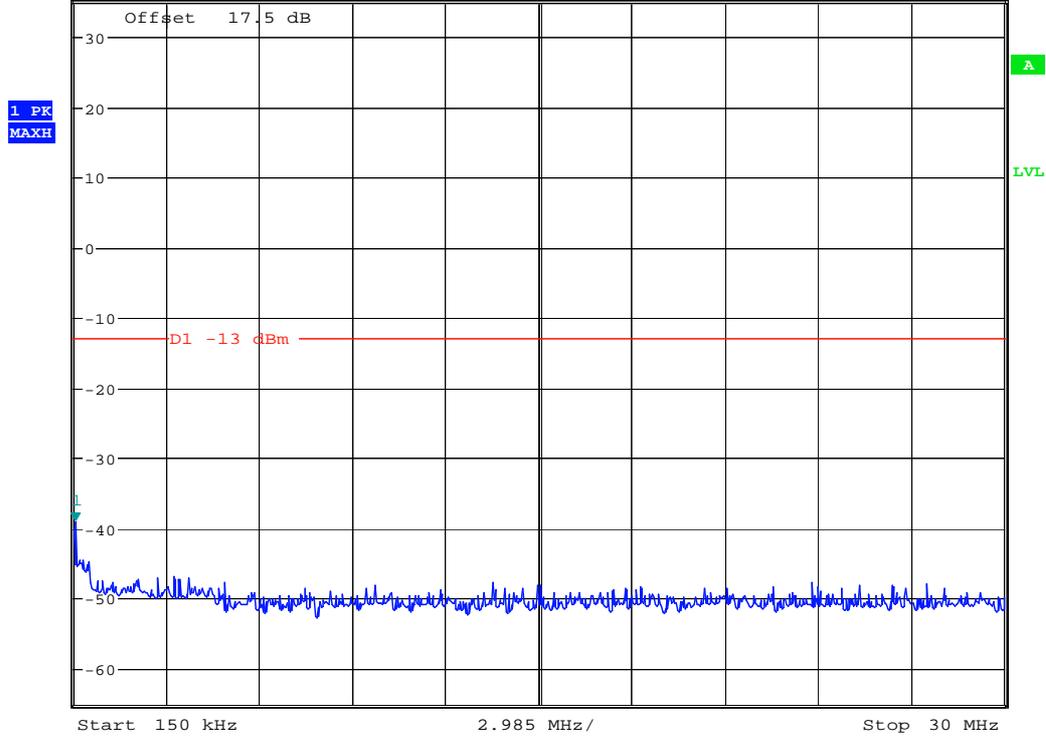
Ref 35 dBm

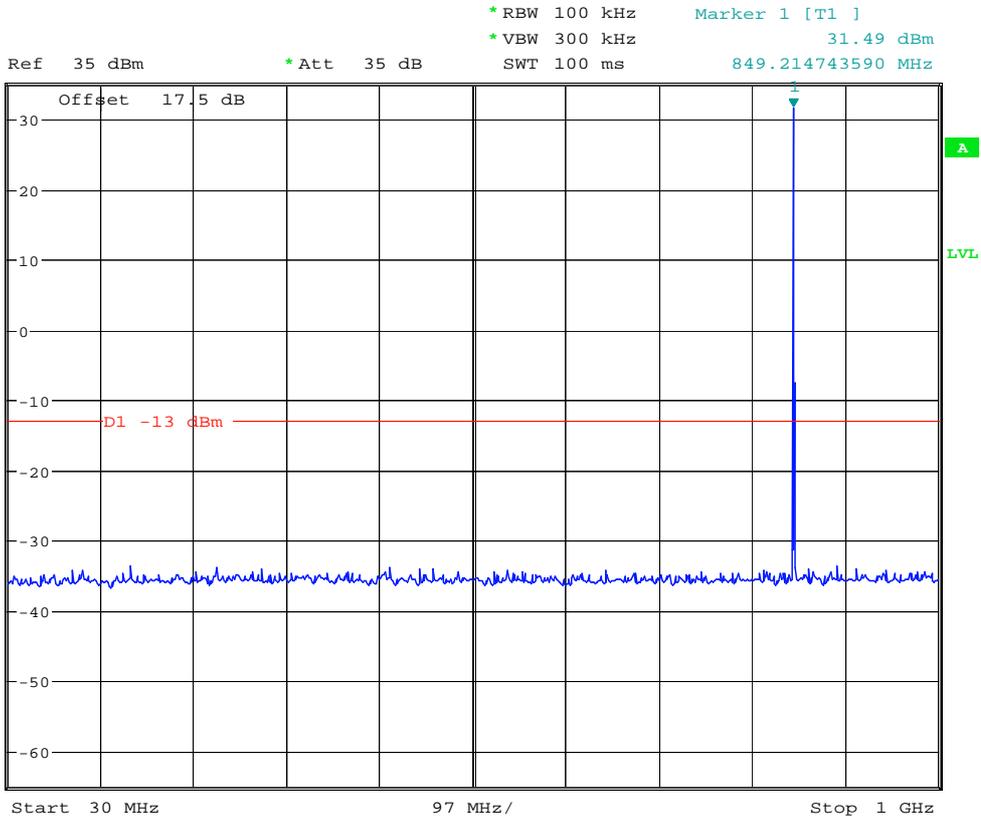
* Att 35 dB





Ref 35 dBm *Att 35 dB *RBW 10 kHz *VBW 30 kHz *SWT 300 ms
Marker 1 [T1] -39.02 dBm
197.836538462 kHz







TM2:EDGE Channel 128

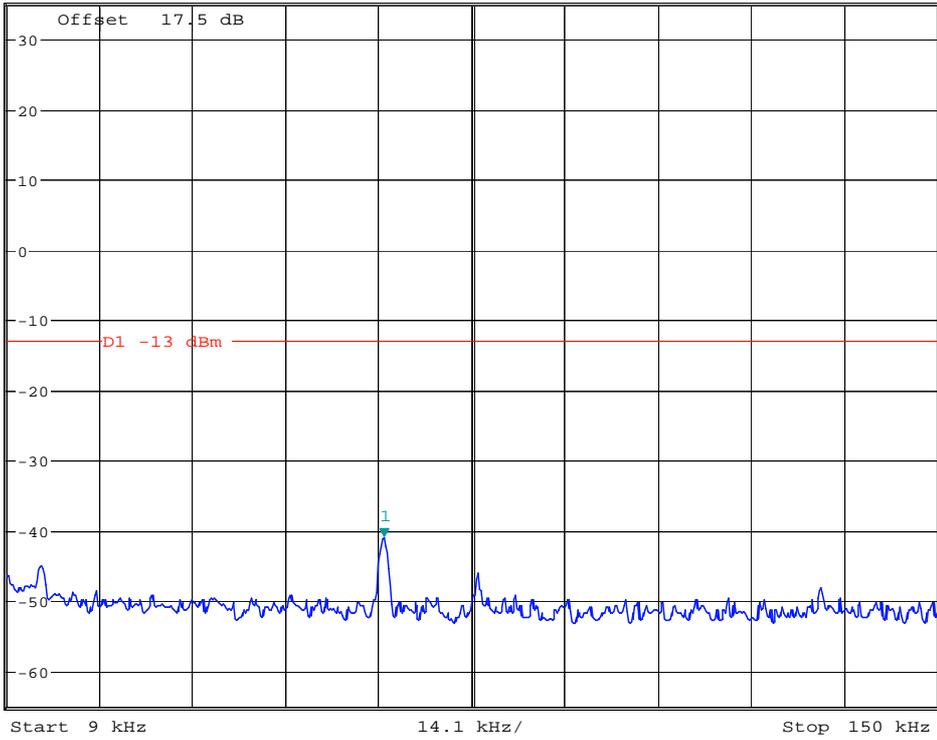


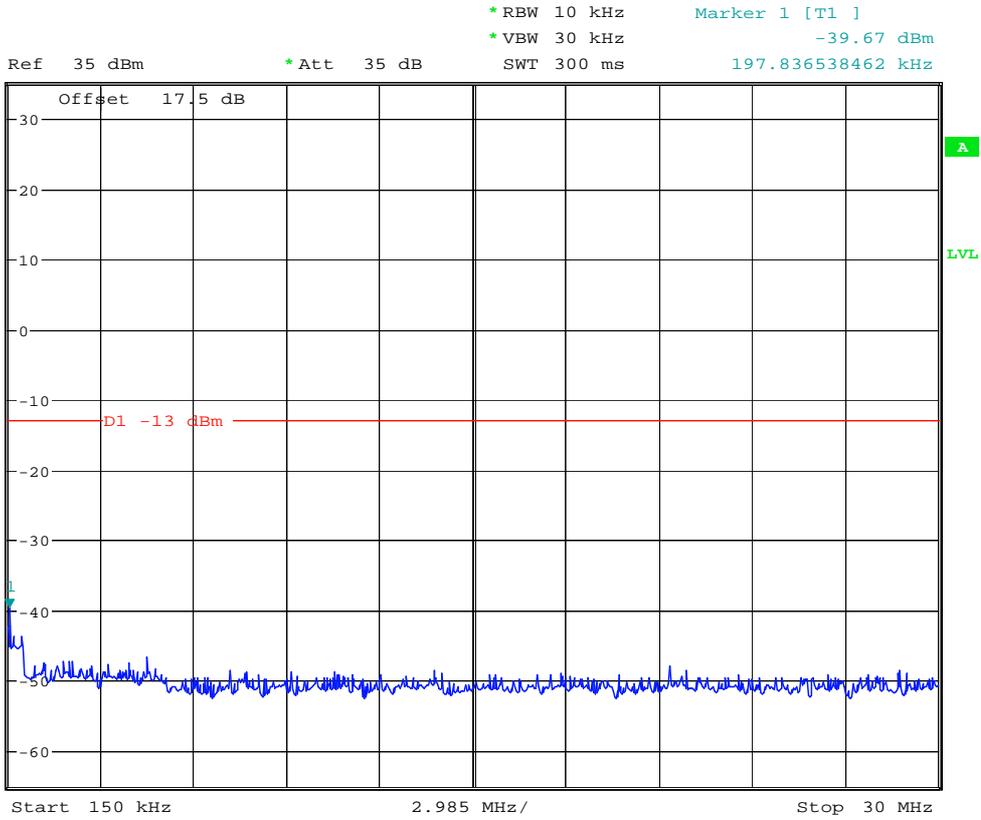
*RBW 1 kHz
*VBW 10 kHz
SWT 145 ms

Marker 1 [T1]
-41.03 dBm
66.168269231 kHz

Ref 35 dBm

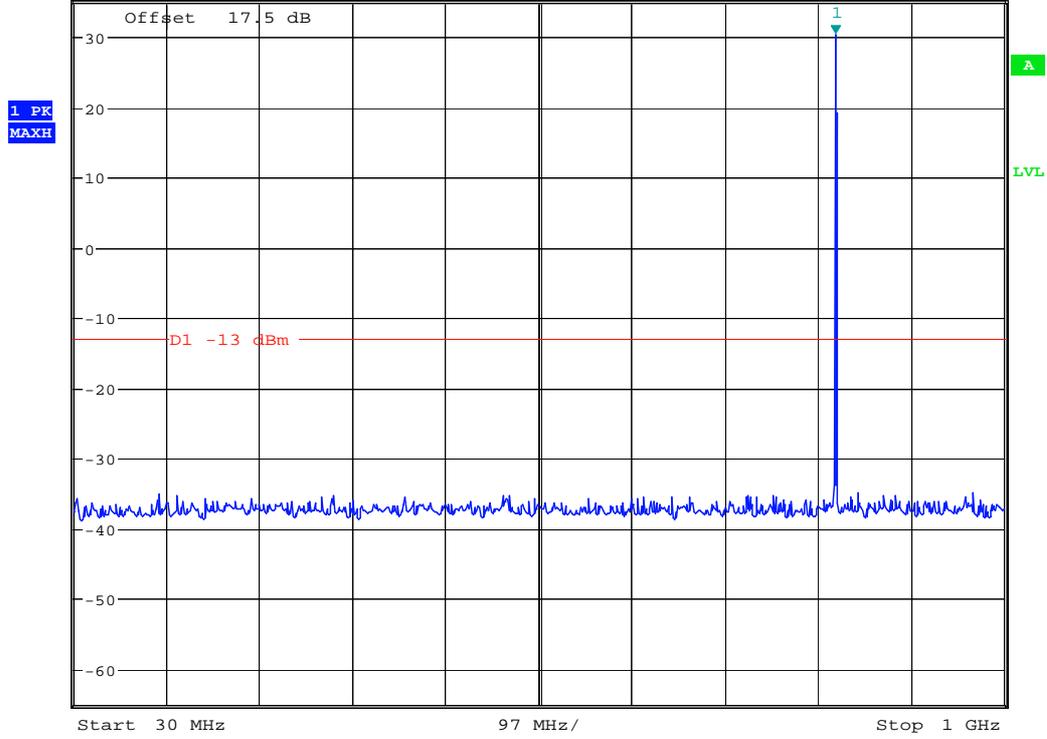
*Att 35 dB







Ref 35 dBm *Att 35 dB *RBW 100 kHz *VBW 300 kHz *SWT 330 ms Marker 1 [T1] 30.29 dBm 824.342948718 MHz





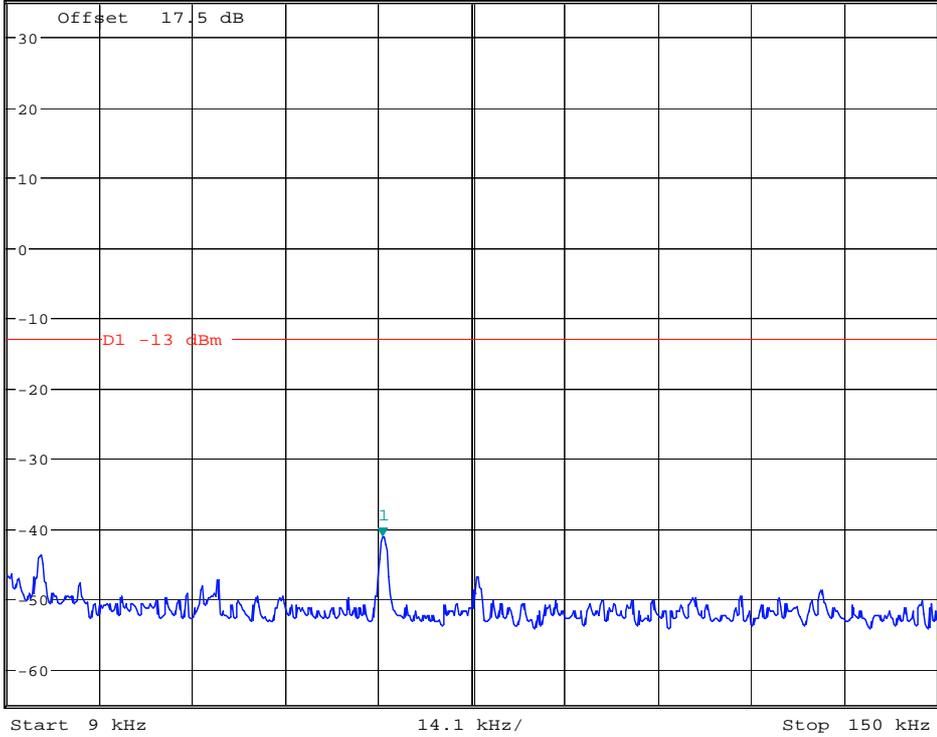
Channel 192



*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -41.18 dBm
SWT 145 ms 65.942307692 kHz

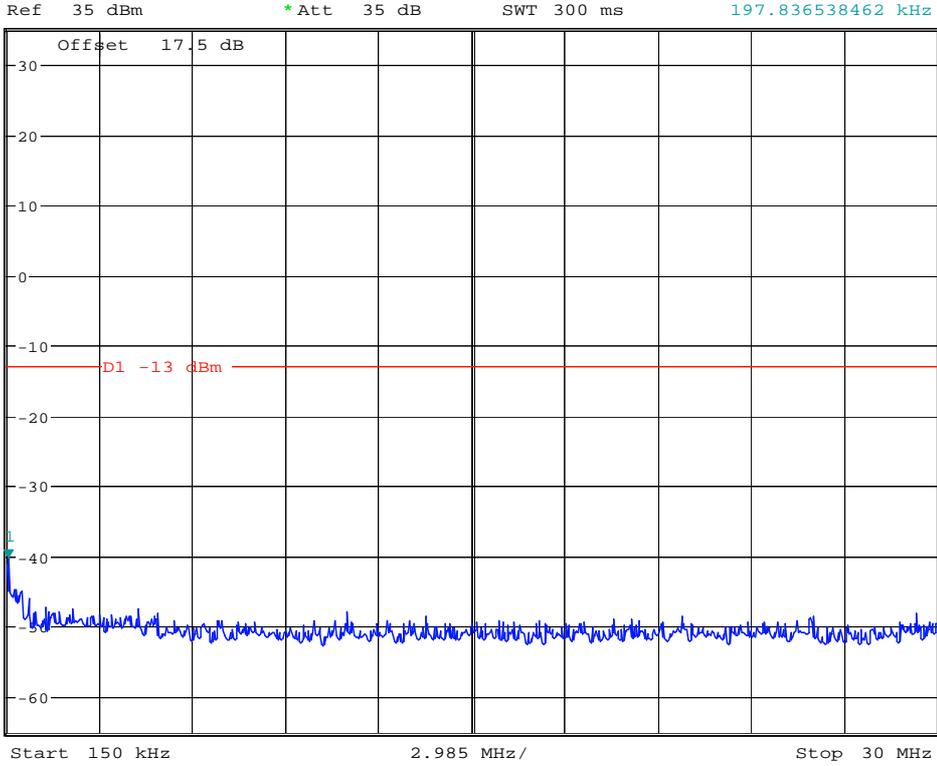
Ref 35 dBm

*Att 35 dB



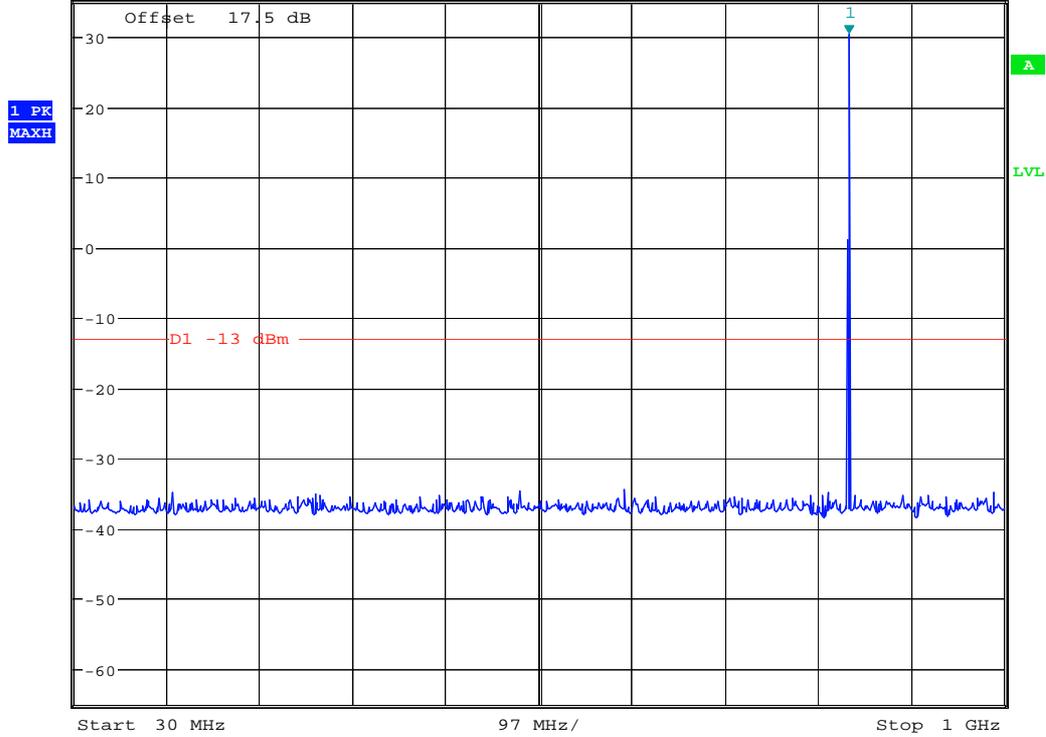


*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -40.32 dBm
SWT 300 ms 197.836538462 kHz





Ref 35 dBm *Att 35 dB *RBW 100 kHz *VBW 300 kHz *SWT 330 ms Marker 1 [T1] 30.22 dBm
838.333333333 MHz

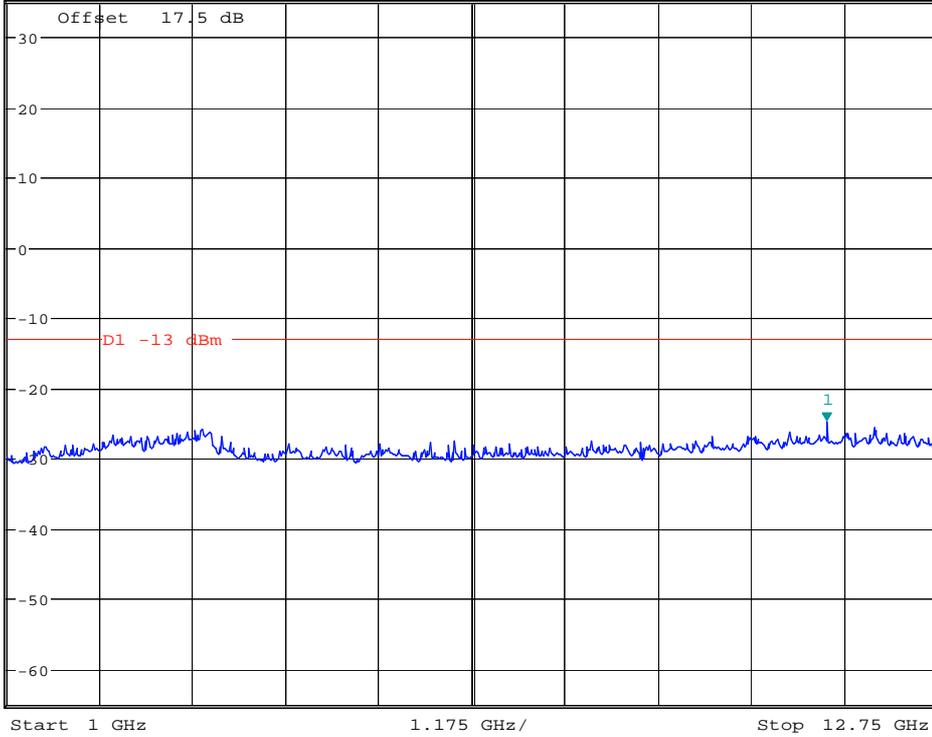




* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -24.84 dBm
SWT 70 ms 11.356570513 GHz

Ref 35 dBm

* Att 35 dB





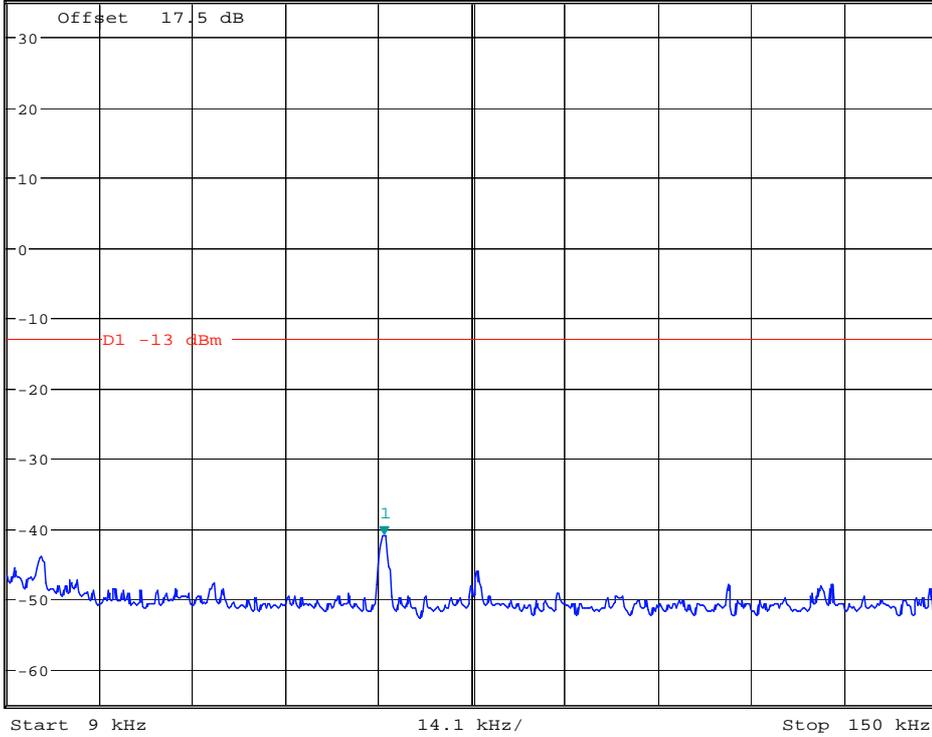
Channel 251

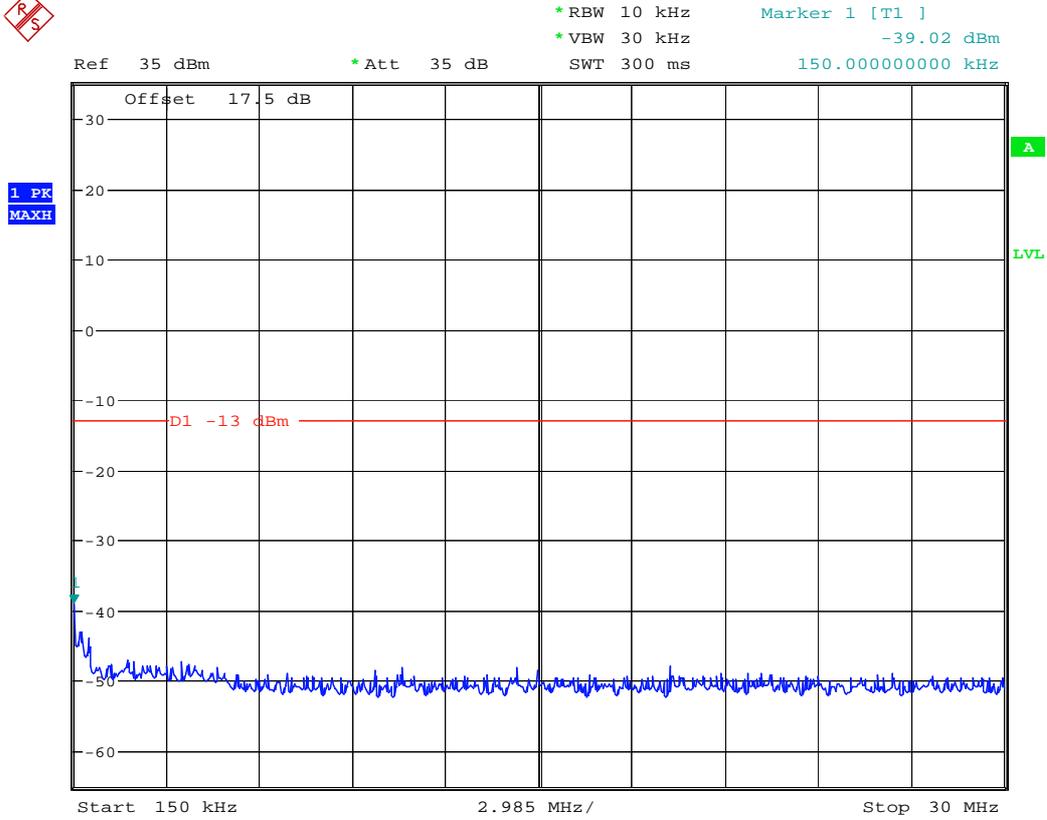


* RBW 1 kHz Marker 1 [T1]
* VBW 10 kHz -40.93 dBm
SWT 145 ms 66.168269231 kHz

Ref 35 dBm

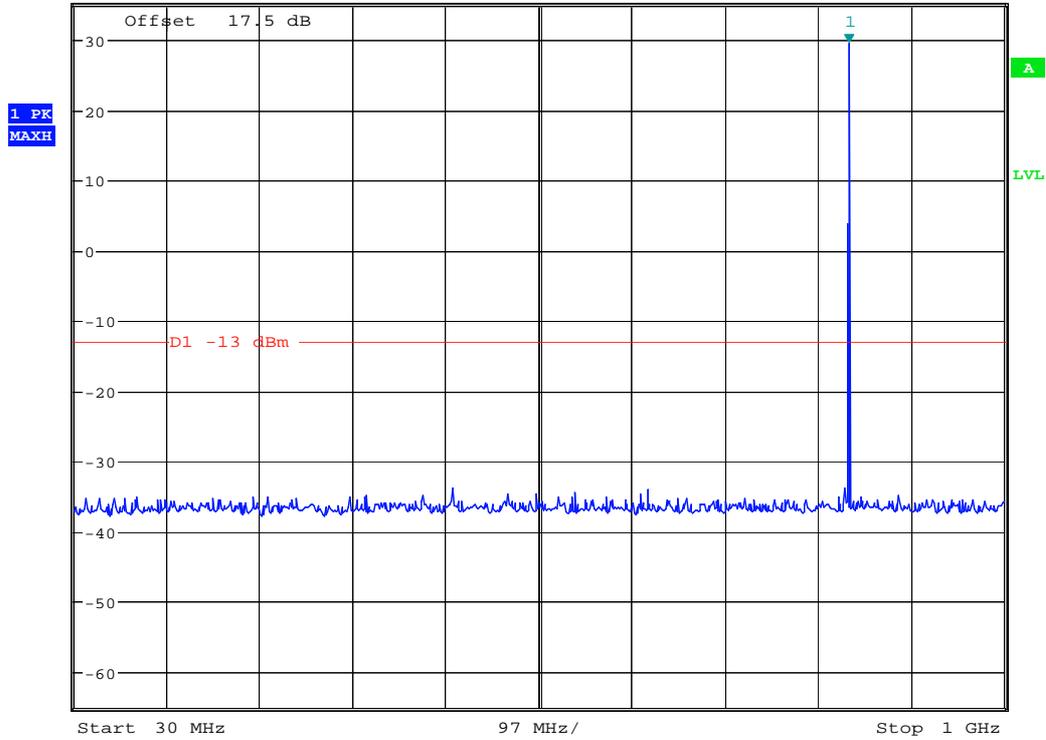
* Att 35 dB







Ref 35 dBm *Att 35 dB *RBW 100 kHz *VBW 300 kHz *SWT 330 ms Marker 1 [T1] 29.39 dBm
838.333333333 MHz

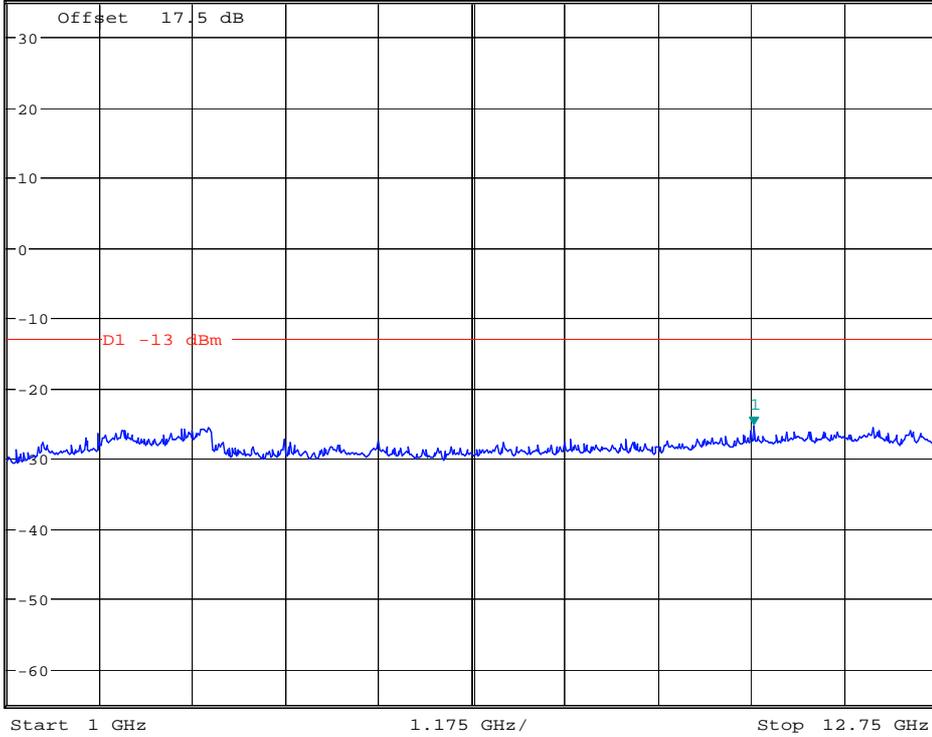




* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -25.48 dBm
SWT 70 ms 10.433894231 GHz

Ref 35 dBm

* Att 35 dB

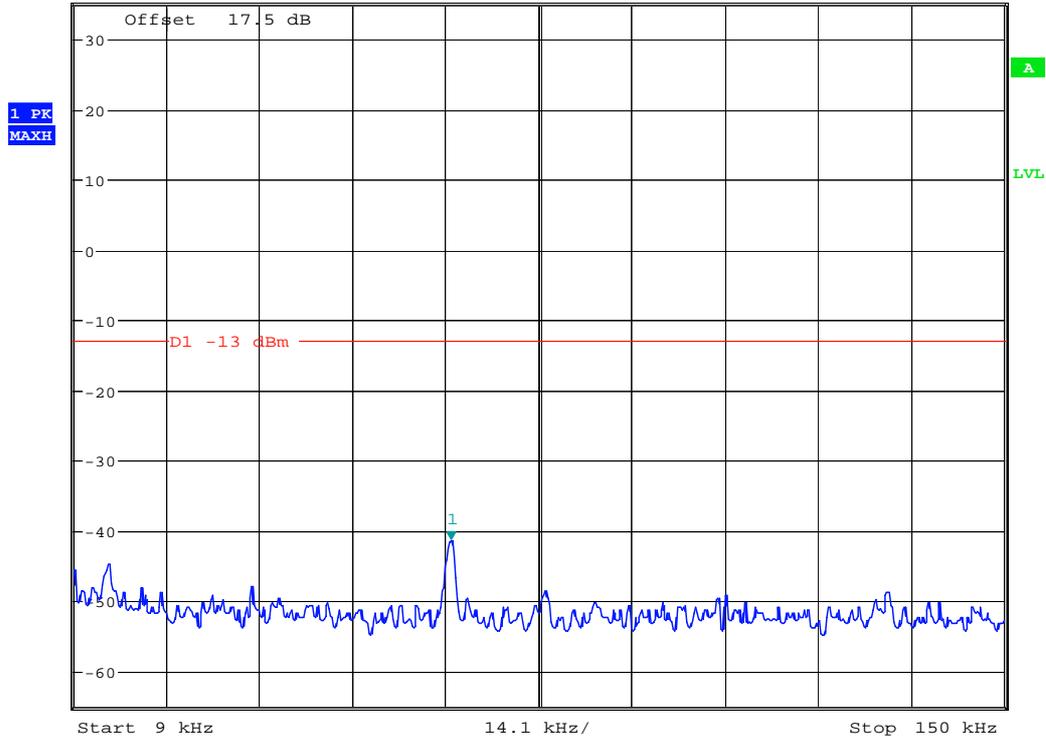




TM3: WCDMA Channel 4132

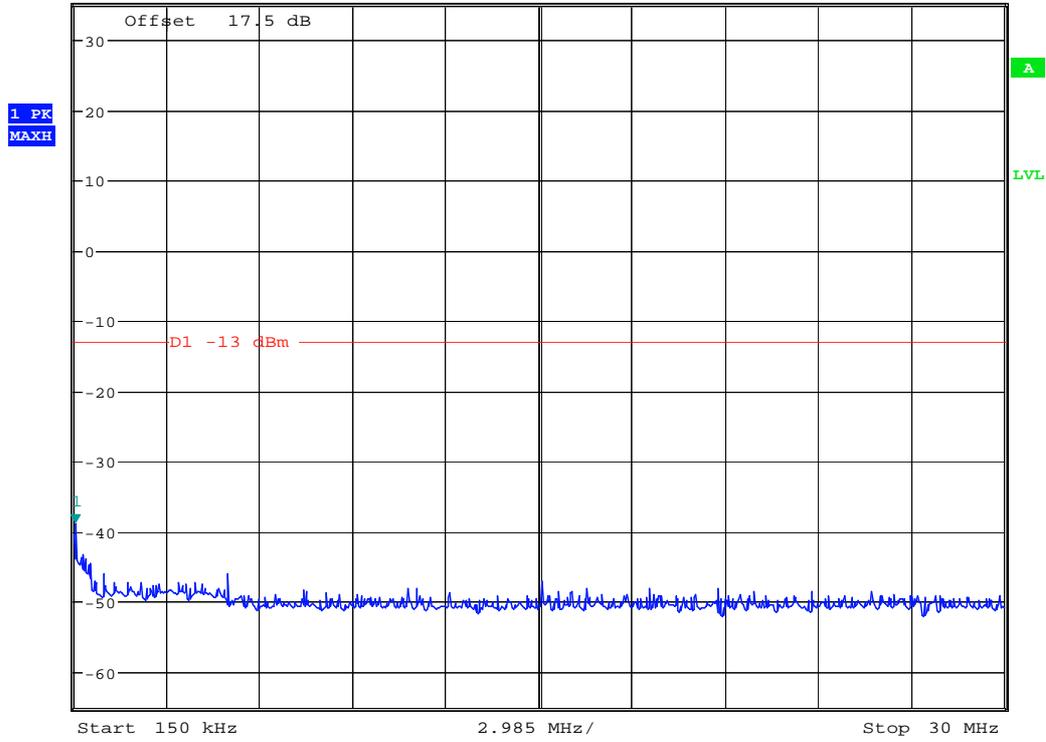


Ref 35 dBm *Att 35 dB *RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -41.28 dBm
SWT 145 ms 66.168269231 kHz



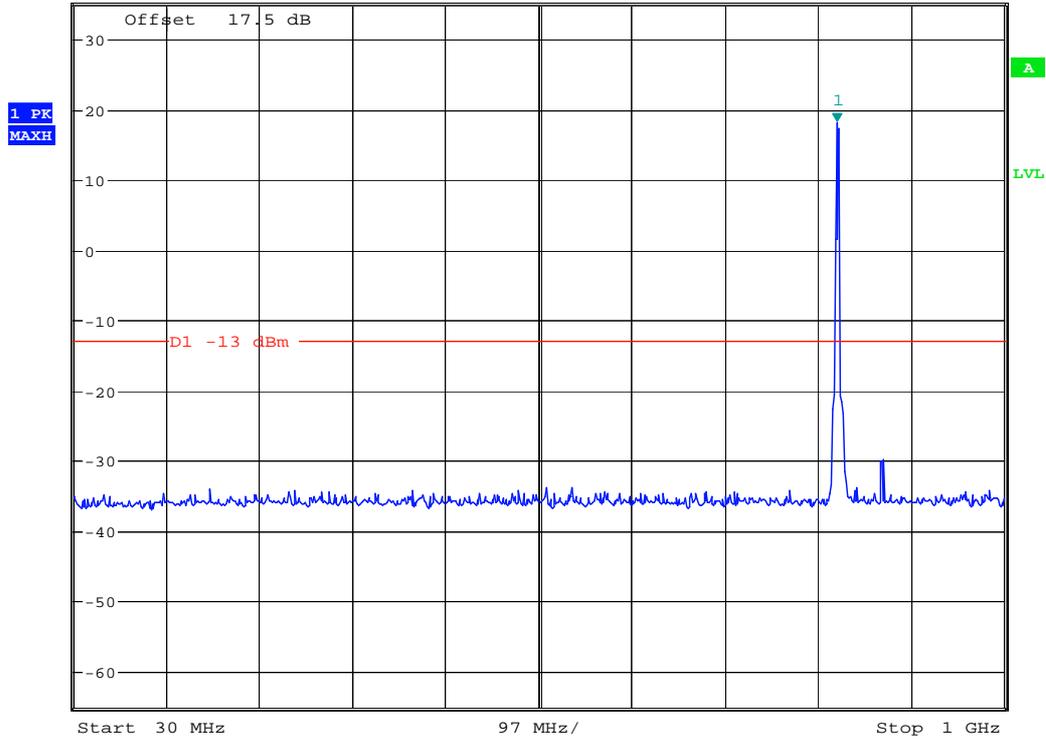


Ref 35 dBm *Att 35 dB *RBW 10 kHz *VBW 30 kHz SWT 300 ms Marker 1 [T1]
-38.83 dBm
197.836538462 kHz





Ref 35 dBm *Att 35 dB *RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 18.03 dBm
SWT 100 ms 825.897435897 MHz





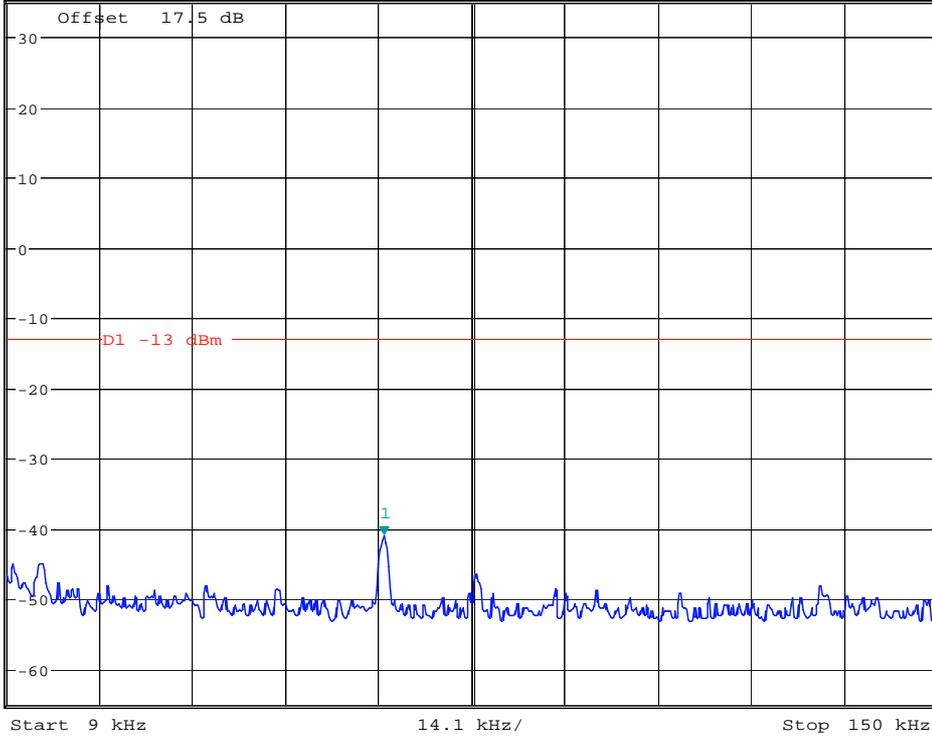
Channel 4182

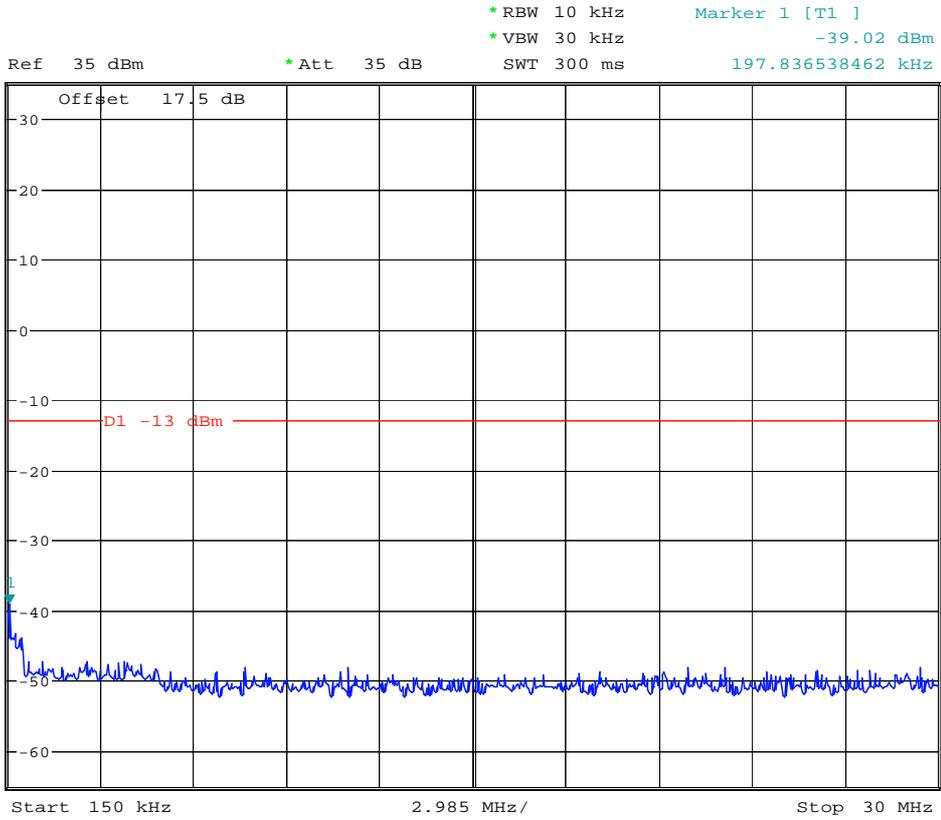


*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -41.03 dBm
SWT 145 ms 66.168269231 kHz

Ref 35 dBm

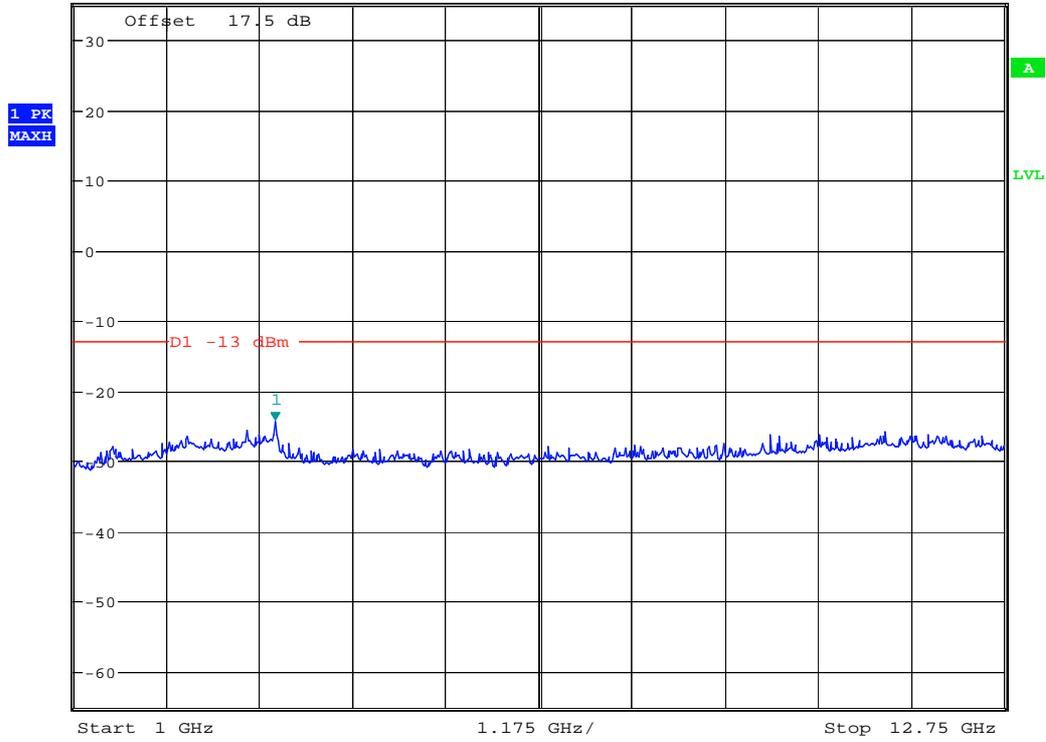
*Att 35 dB







Ref 35 dBm *Att 35 dB *RBW 1 MHz *VBW 3 MHz SWT 70 ms Marker 1 [T1]
-24.37 dBm
3.542067308 GHz





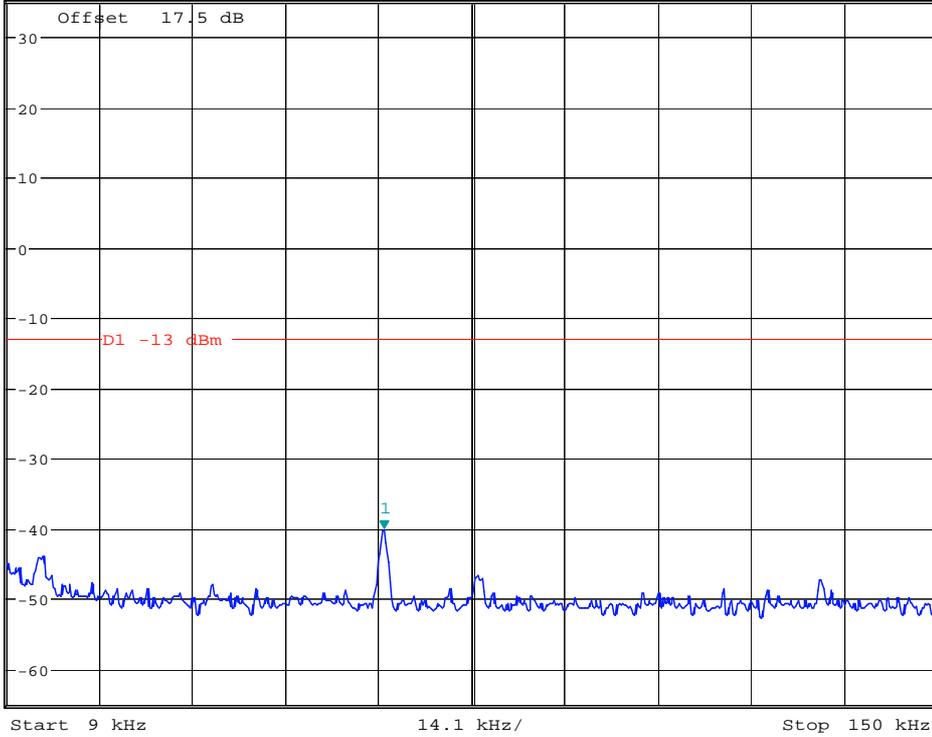
Channel 4233



*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -40.19 dBm
SWT 145 ms 66.168269231 kHz

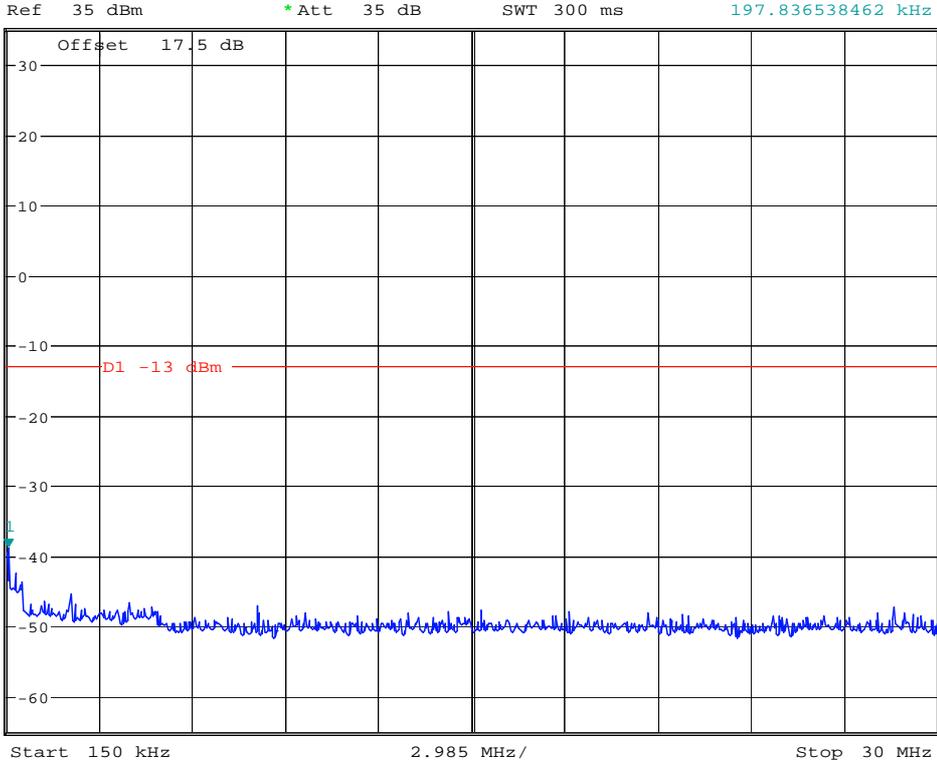
Ref 35 dBm

*Att 35 dB



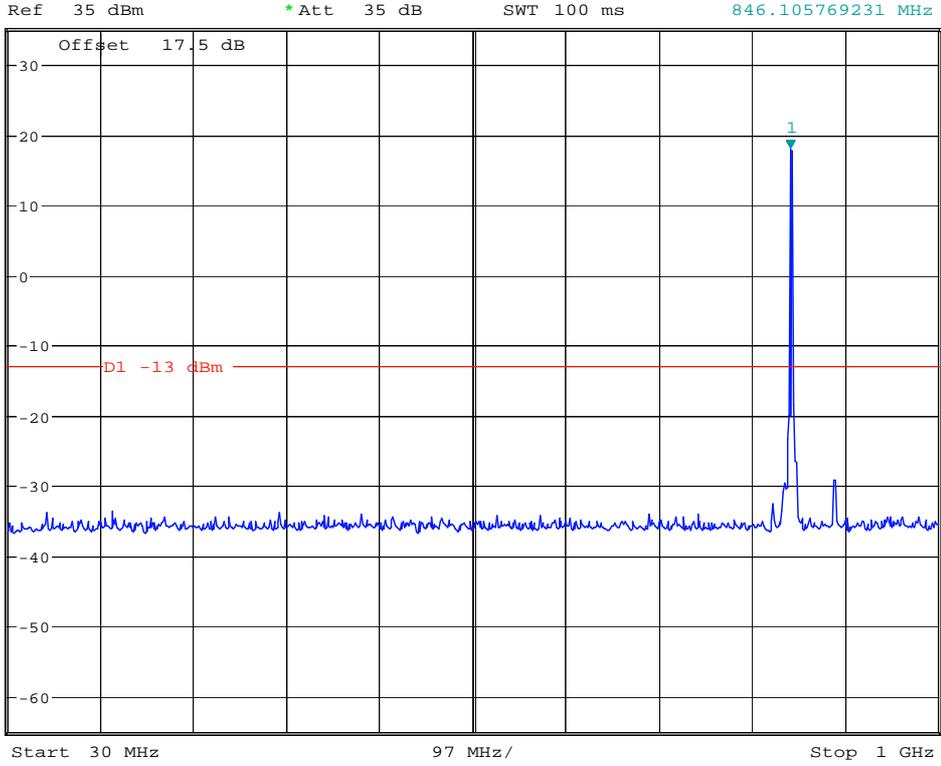


*RBW 10 kHz Marker 1 [T1]
*VBW 30 kHz -38.83 dBm
SWT 300 ms 197.836538462 kHz





*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 17.80 dBm
SWT 100 ms 846.105769231 MHz





Ref 35 dBm *Att 35 dB *RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -25.03 dBm
SWT 70 ms 3.504407051 GHz

