



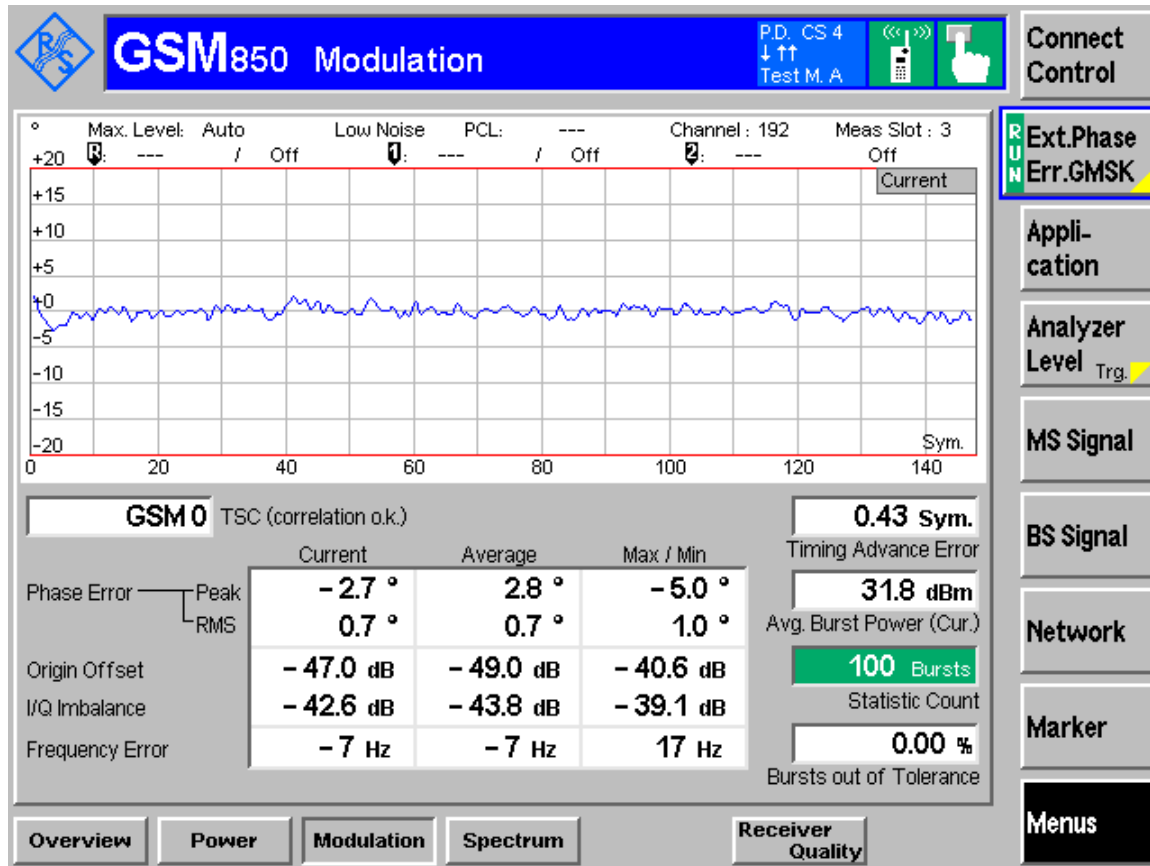
Appendix A

Modulation Characteristics

According to FCC Part 2.1047 & Part22 Subpart H

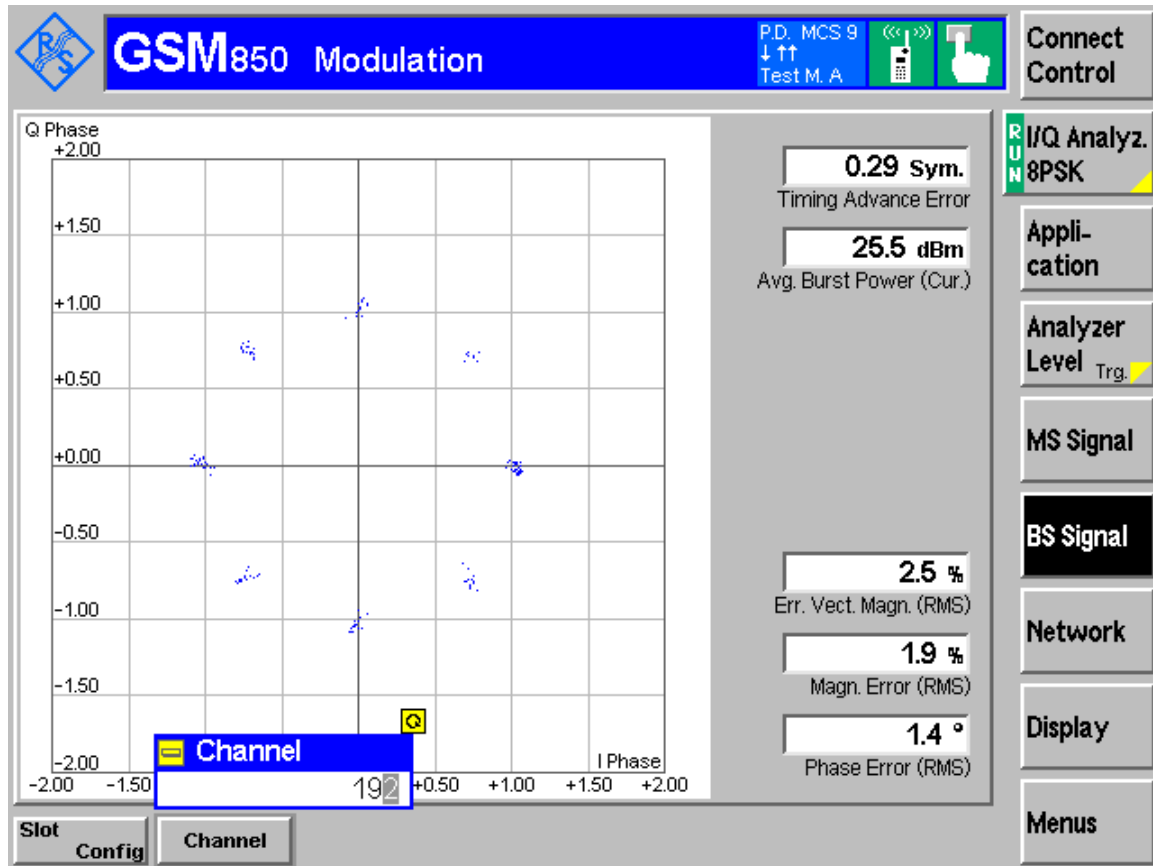


TM1:GPRS/GSM Channel 192



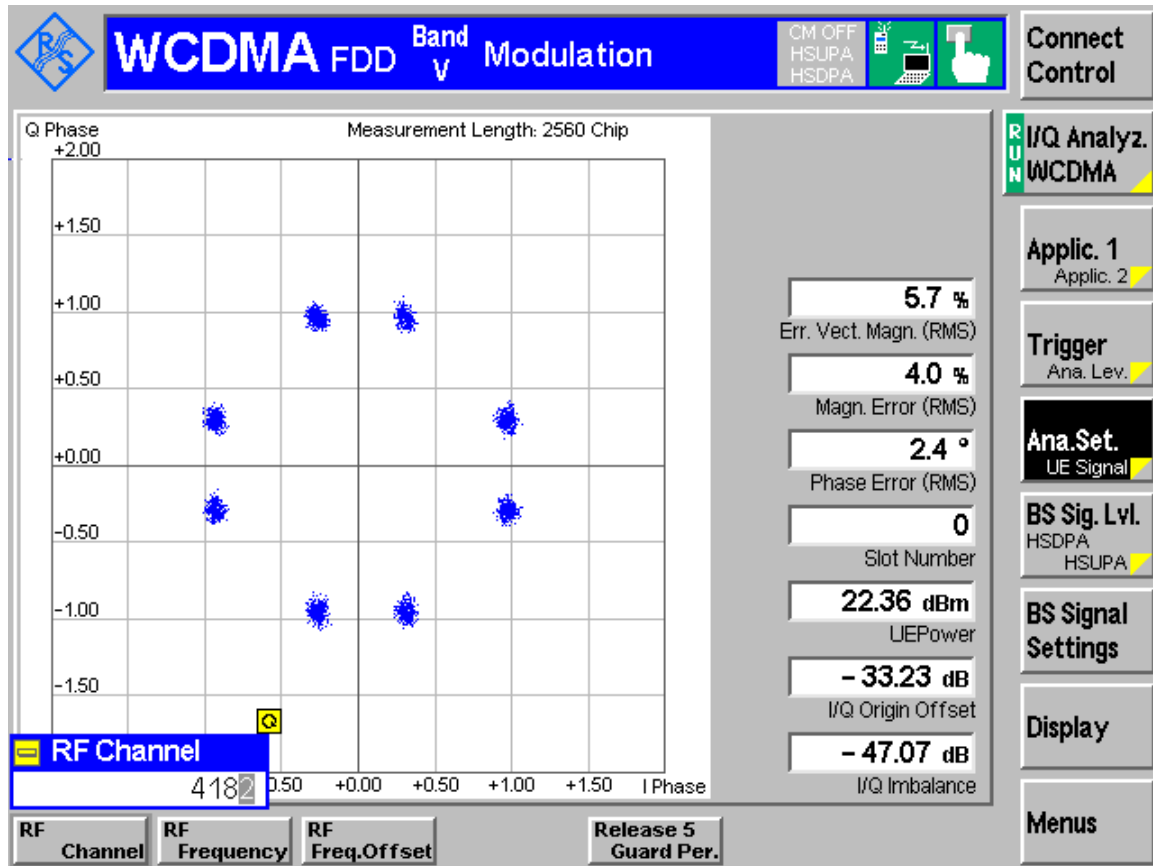


TM2:EDGE Channel 192





TM3:WCDMA Channel 4182



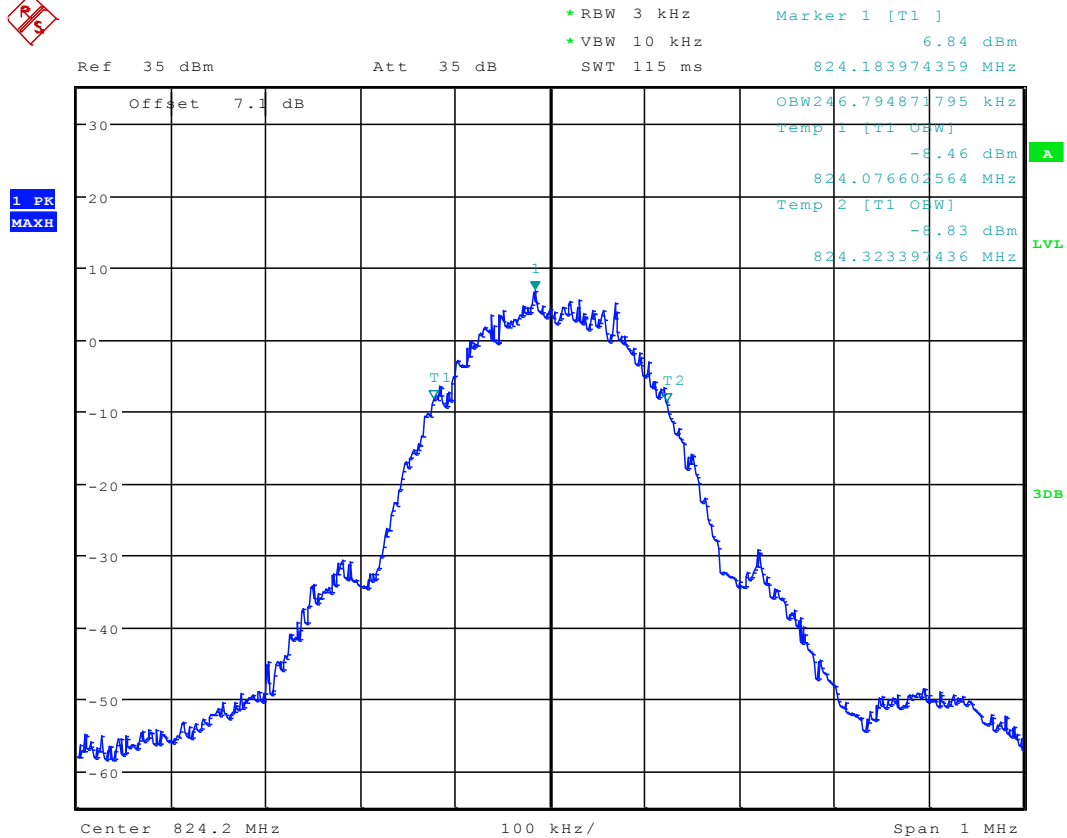


Appendix B

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

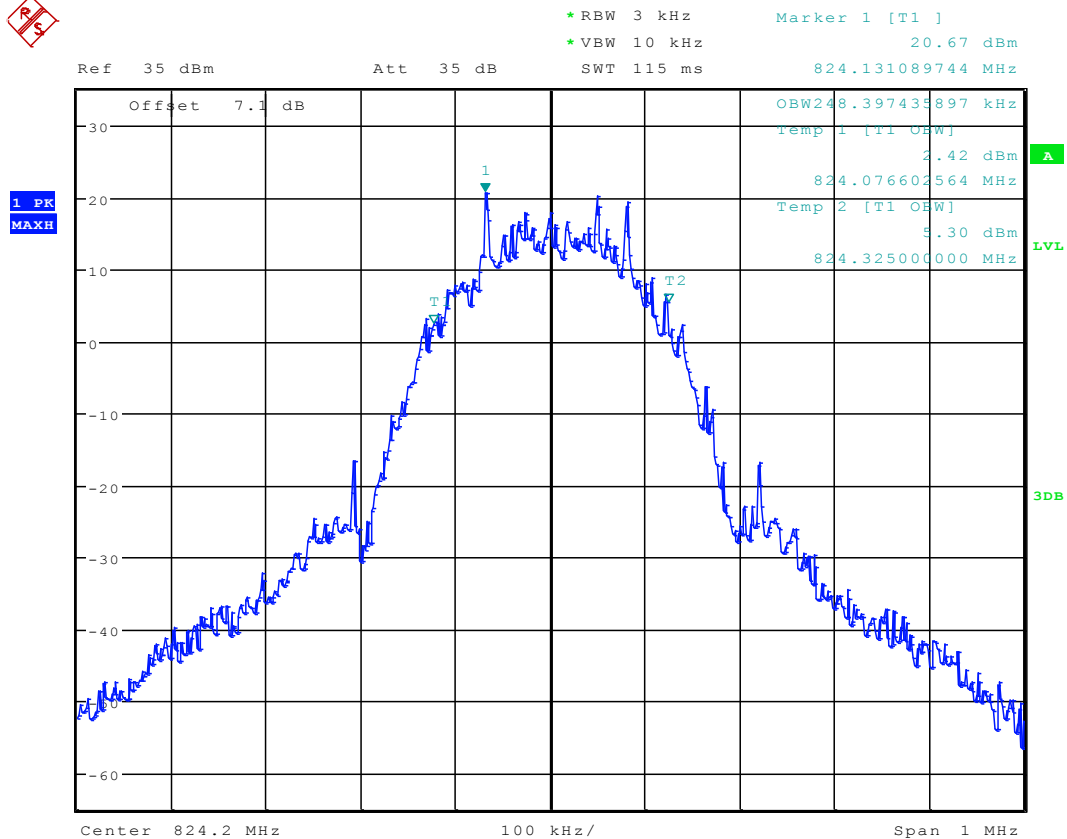


TM1:GPRS/GSM Channel 128



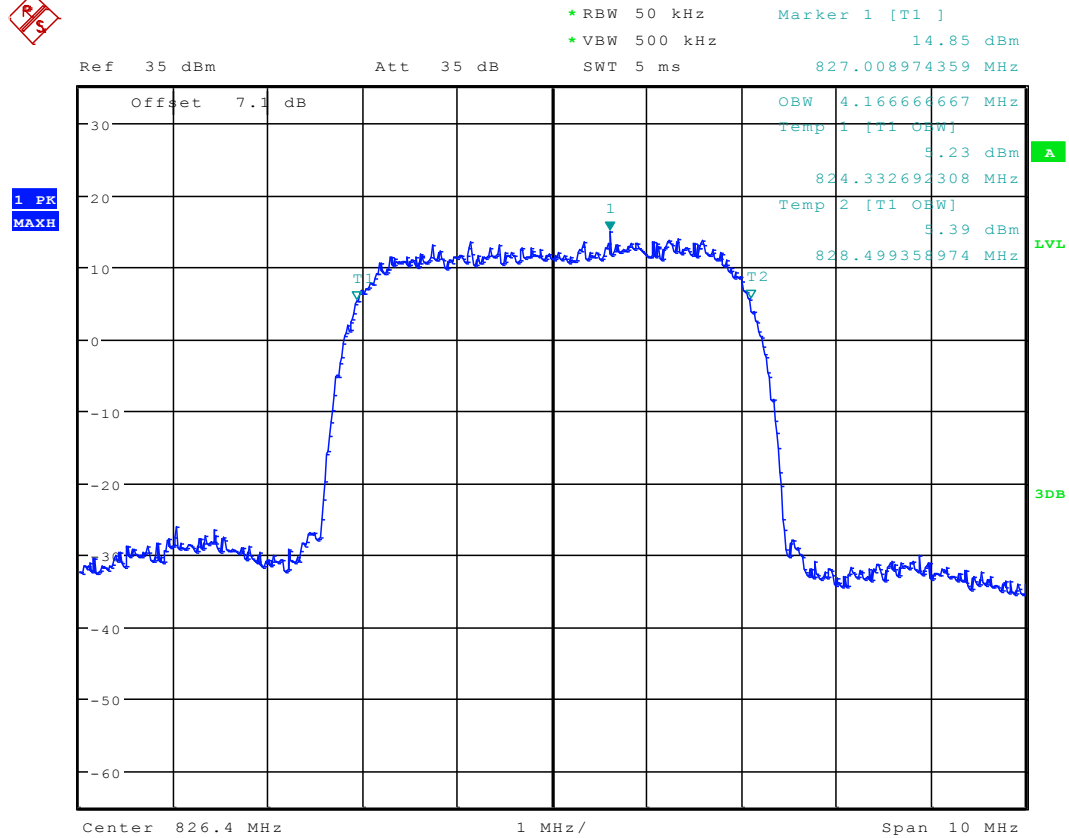


TM2:EDGE Channel 128



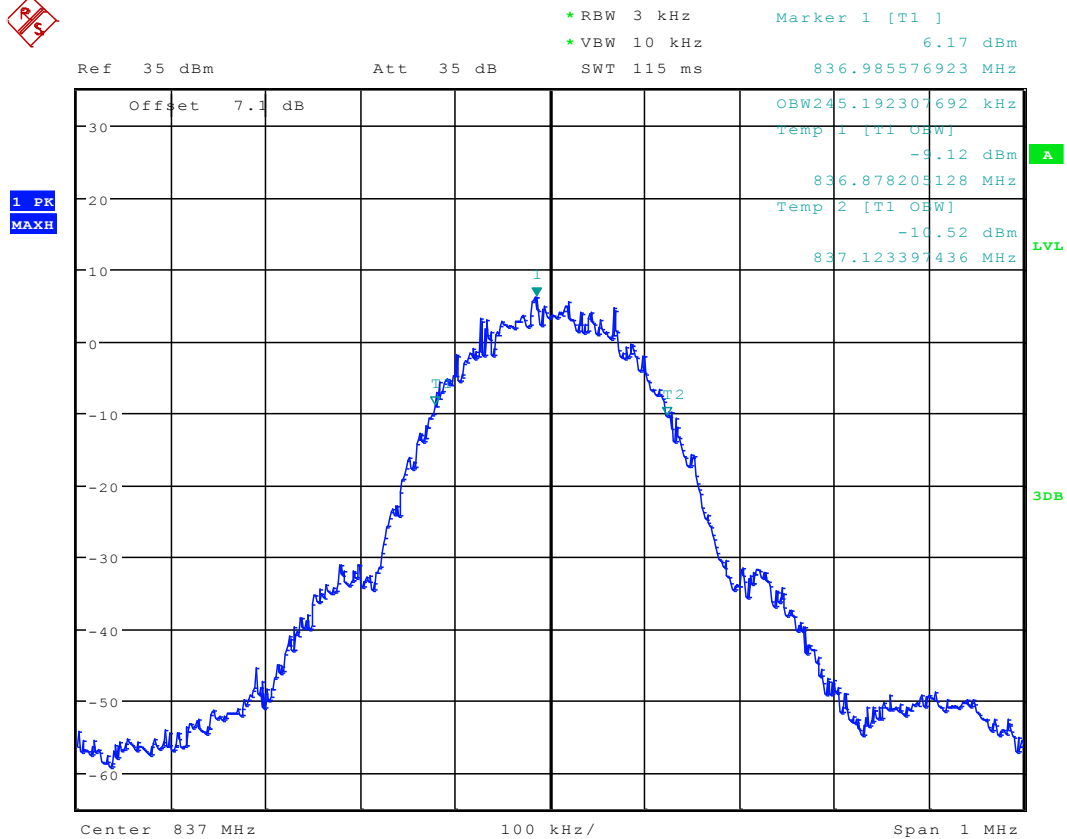


TM3: WCDMA Channel 4132



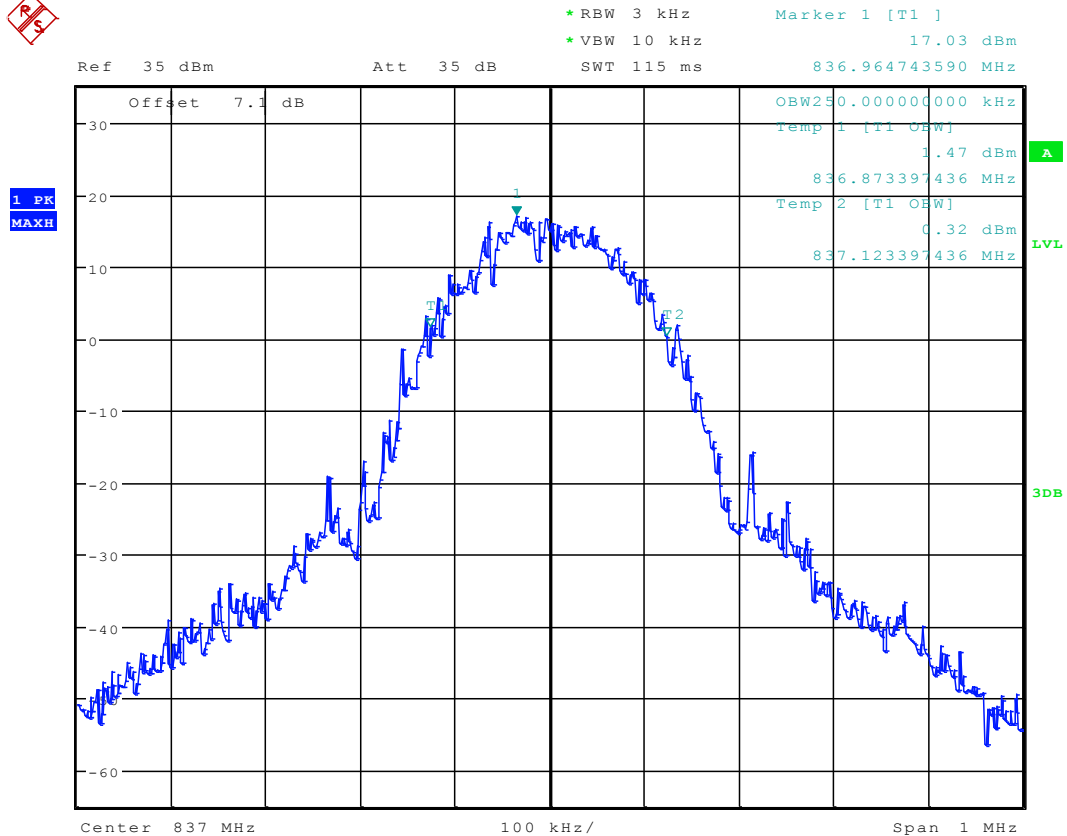


TM1:GPRS/GSM Channel 192



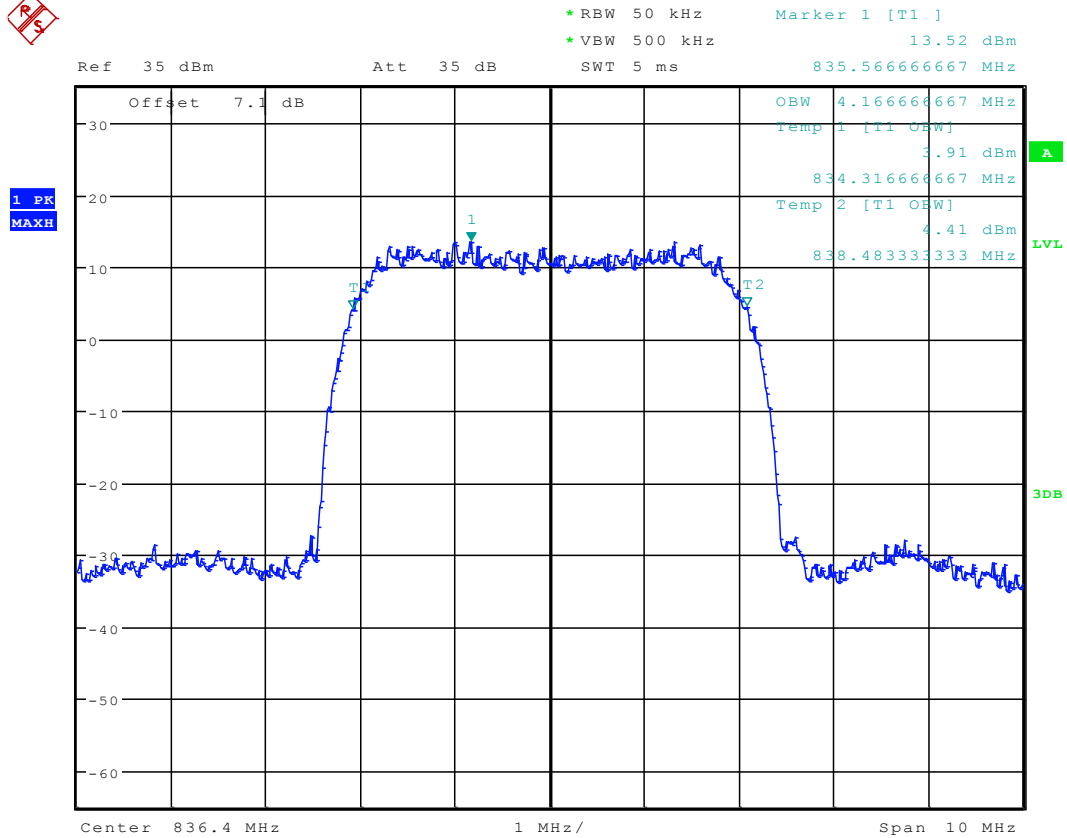


TM2:EDGE Channel 192



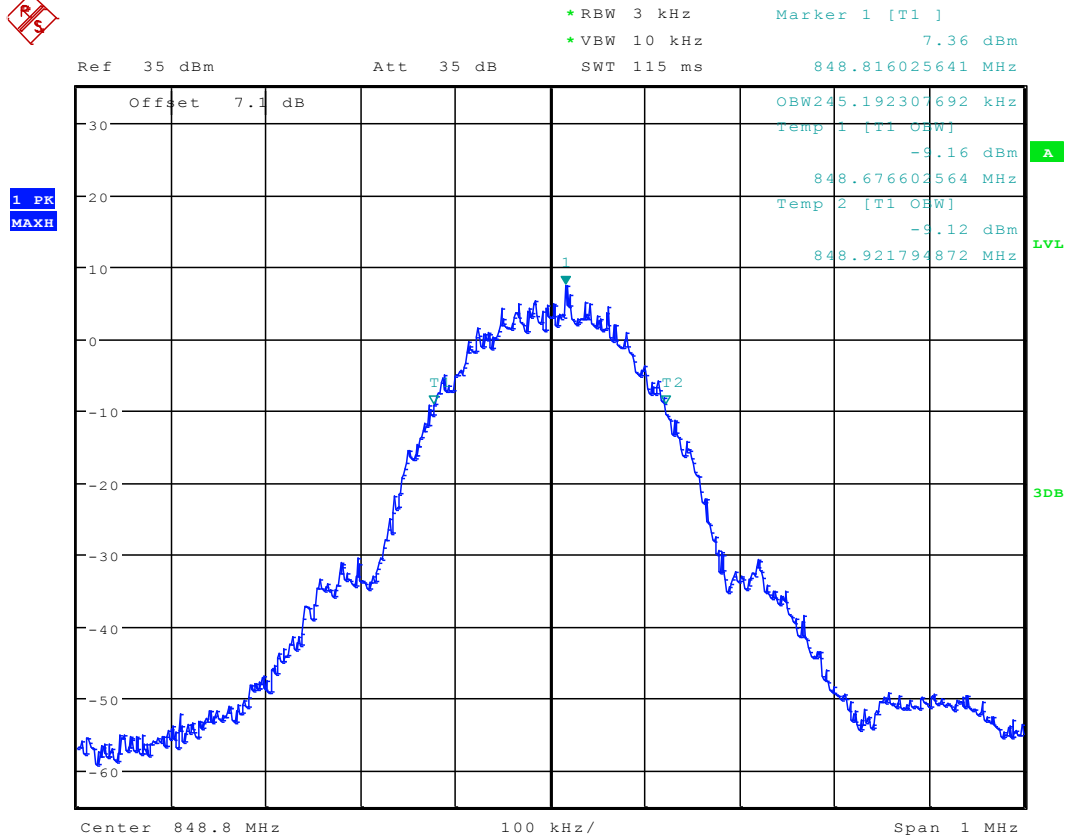


TM3: WCDMA Channel 4182



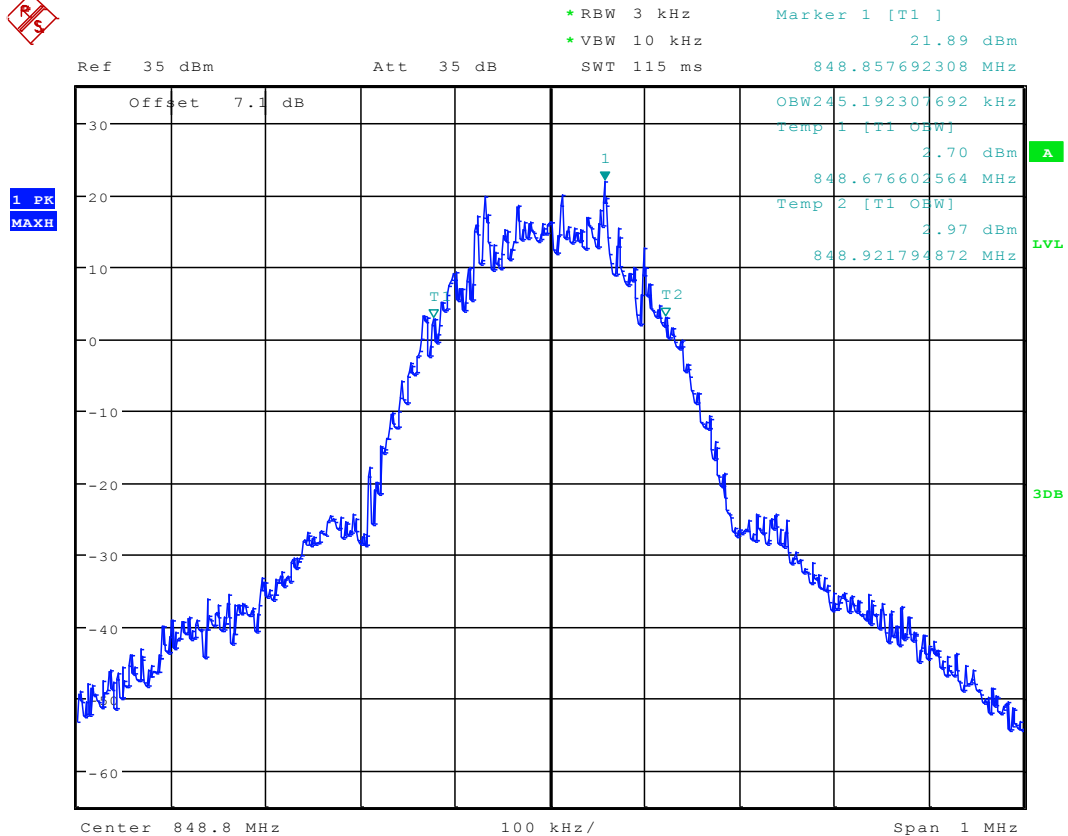


TM1:GPRS/GSM Channel 251



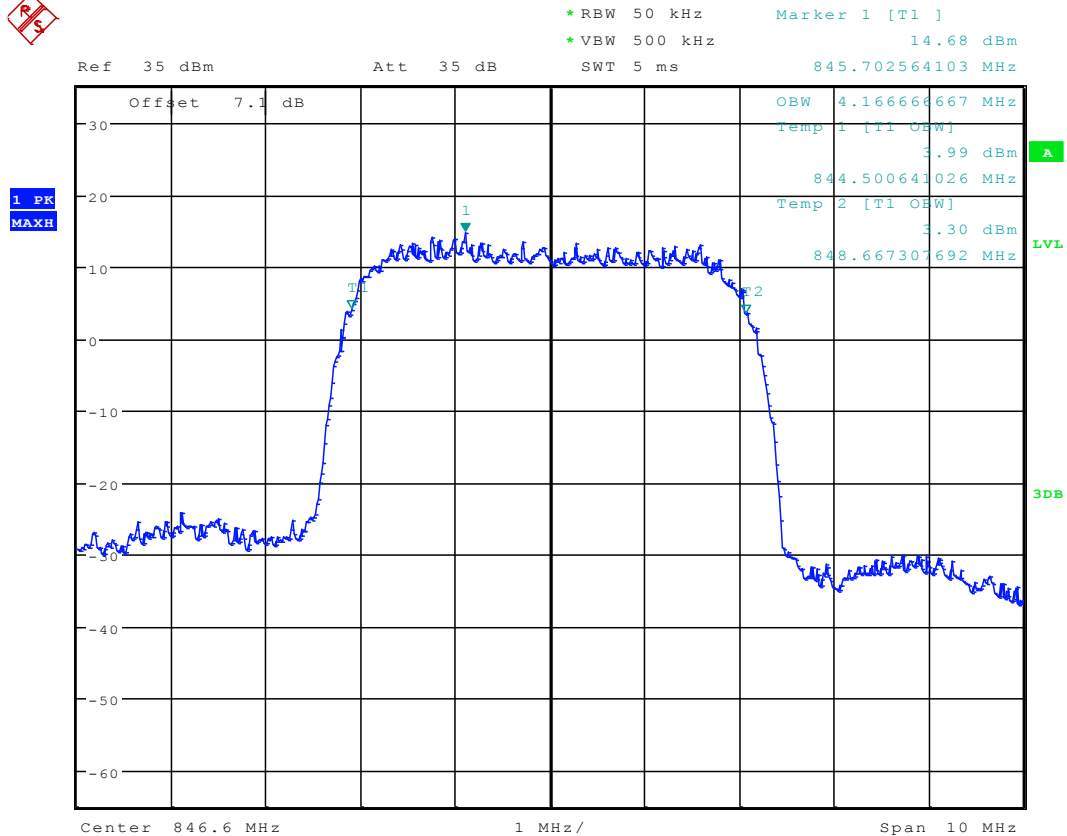


TM2:EDGE Channel 251





TM3: WCDMA Channel 4233





Appendix C

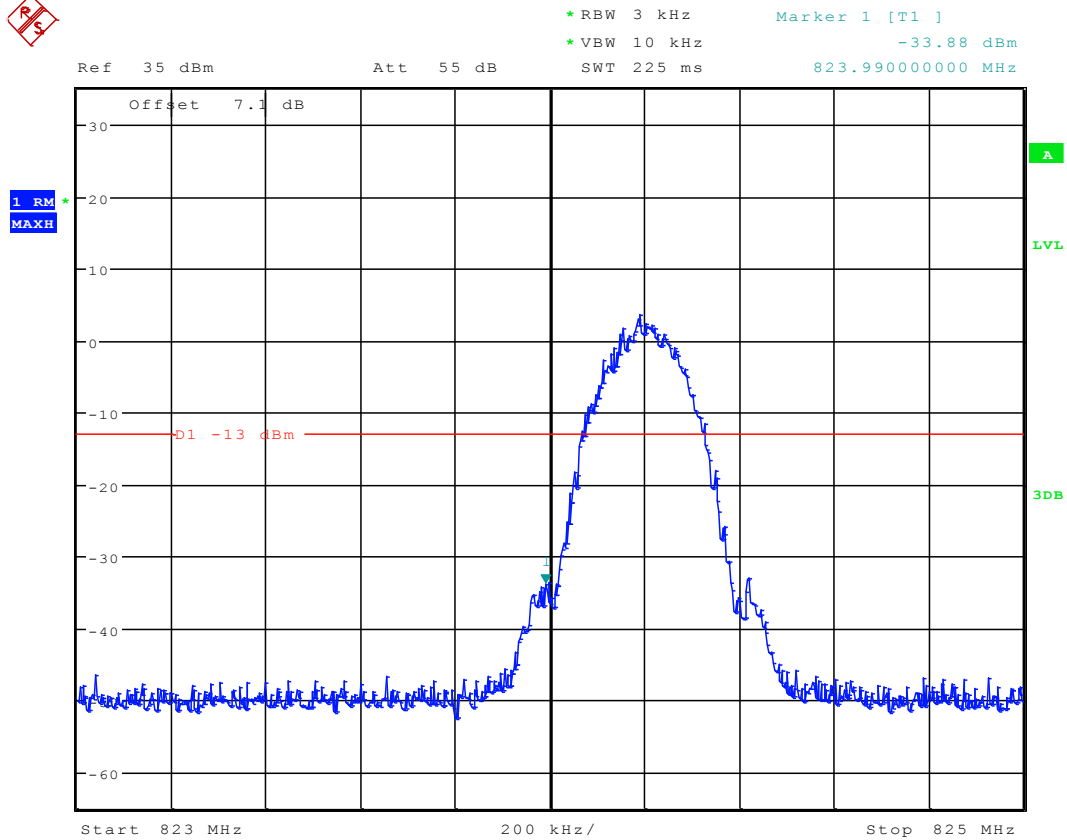
Band Edges Compliance According to FCC Part 2.1051 & 22.917



TM1:GPRS/GSM

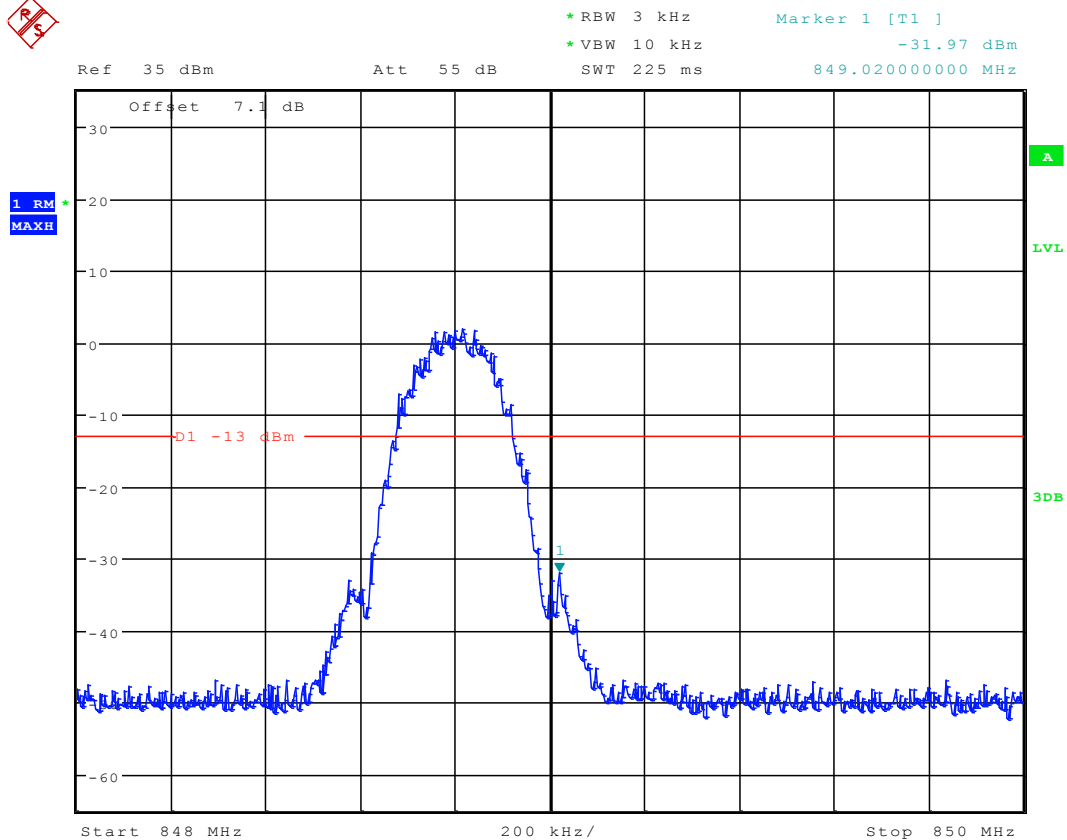
Left Edge

Channel 128





Right Edge Channel 251

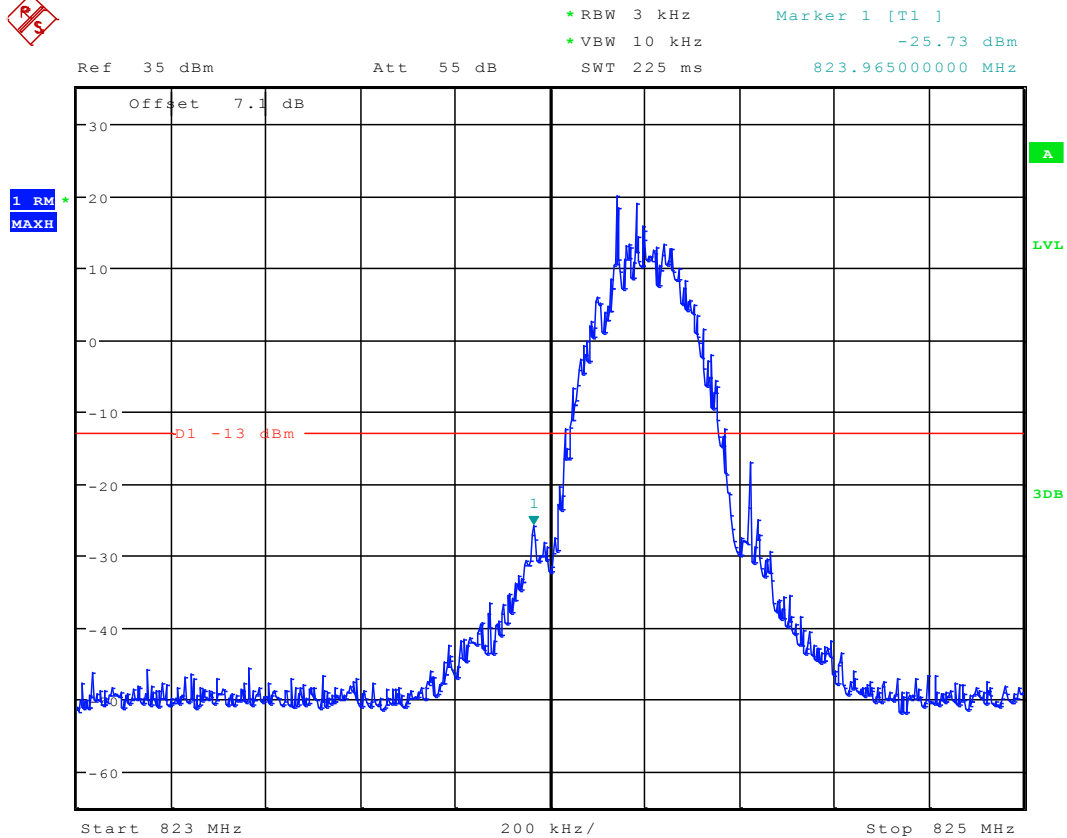




TM2:EDGE

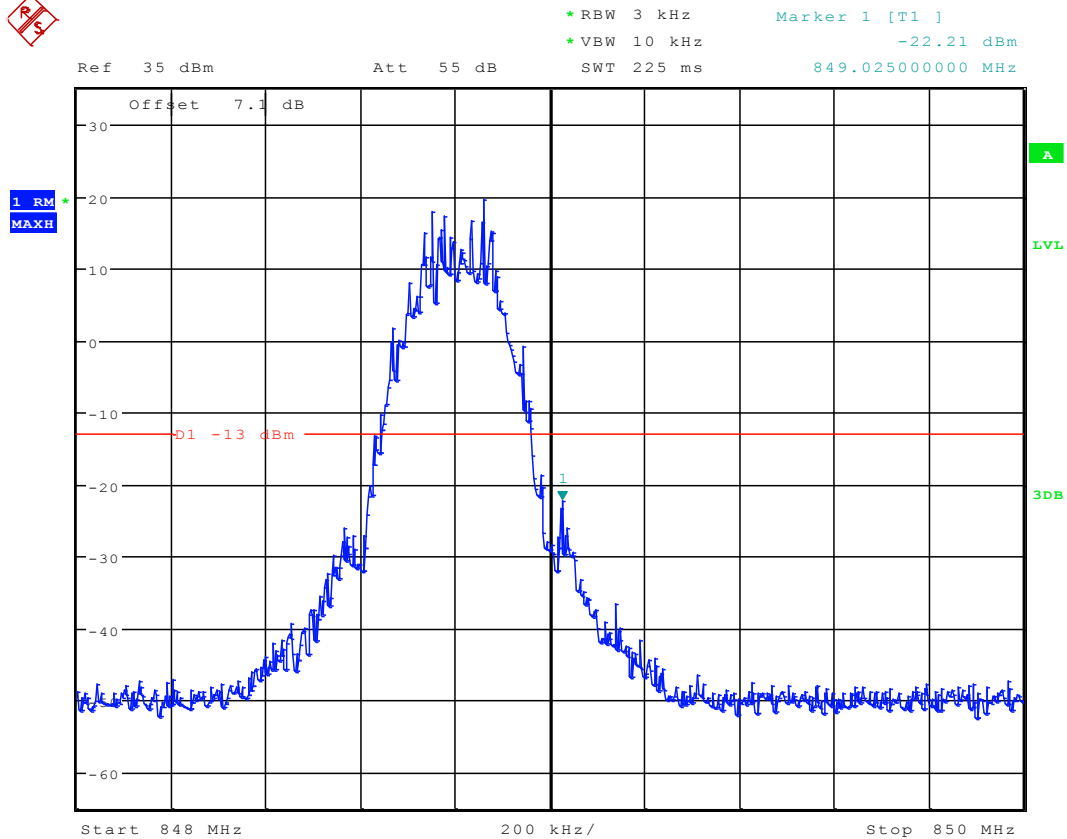
Left Edge

Channel 128





Right Edge Channel 251

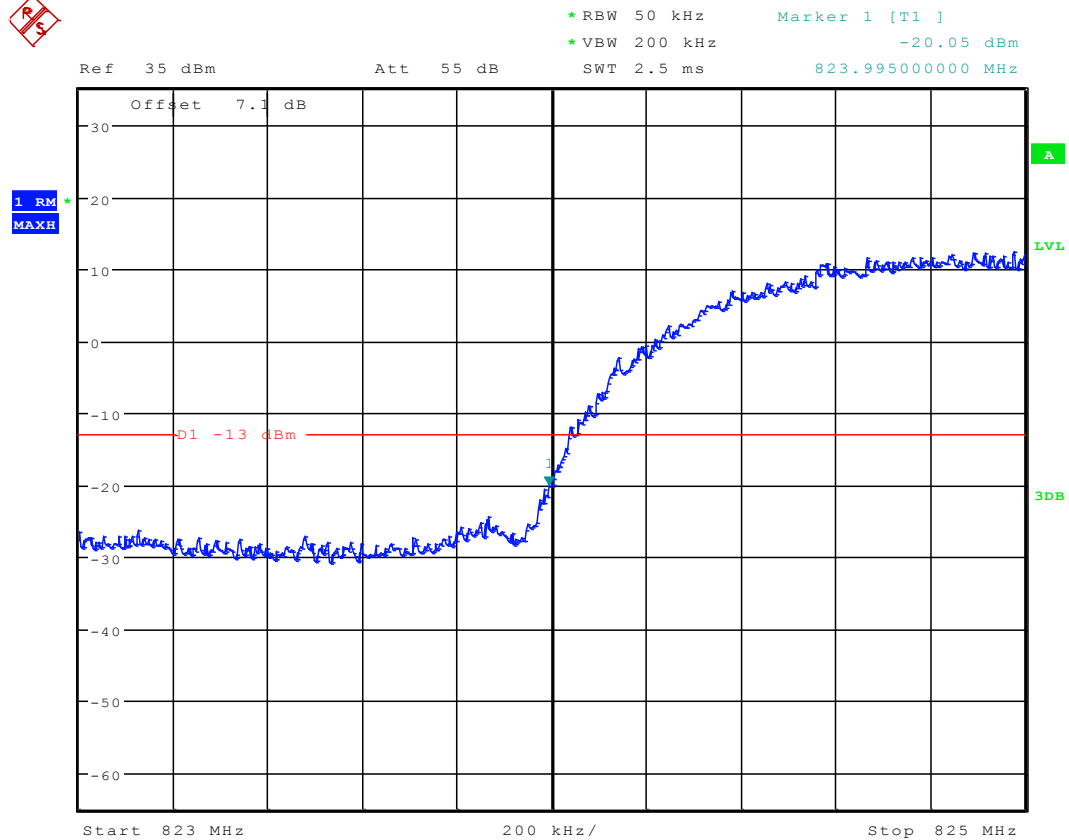




TM3:WCDMA

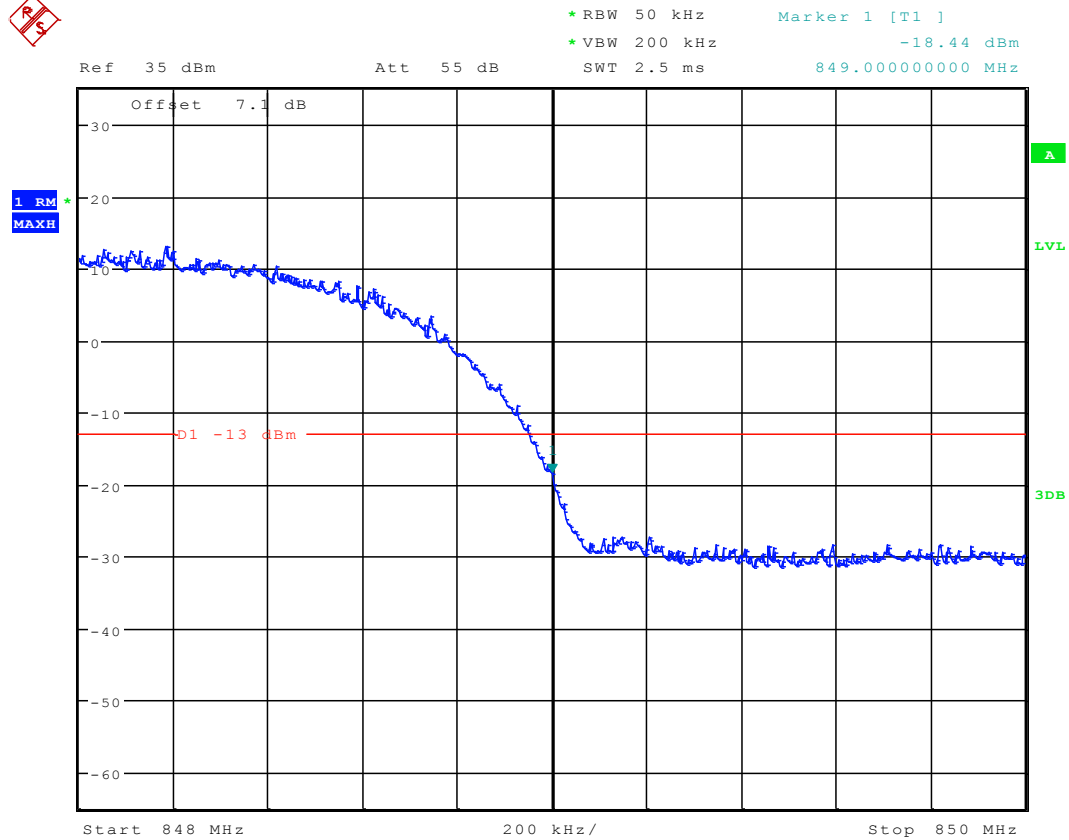
Left Edge

Channel 4132





Right Edge Channel 4233





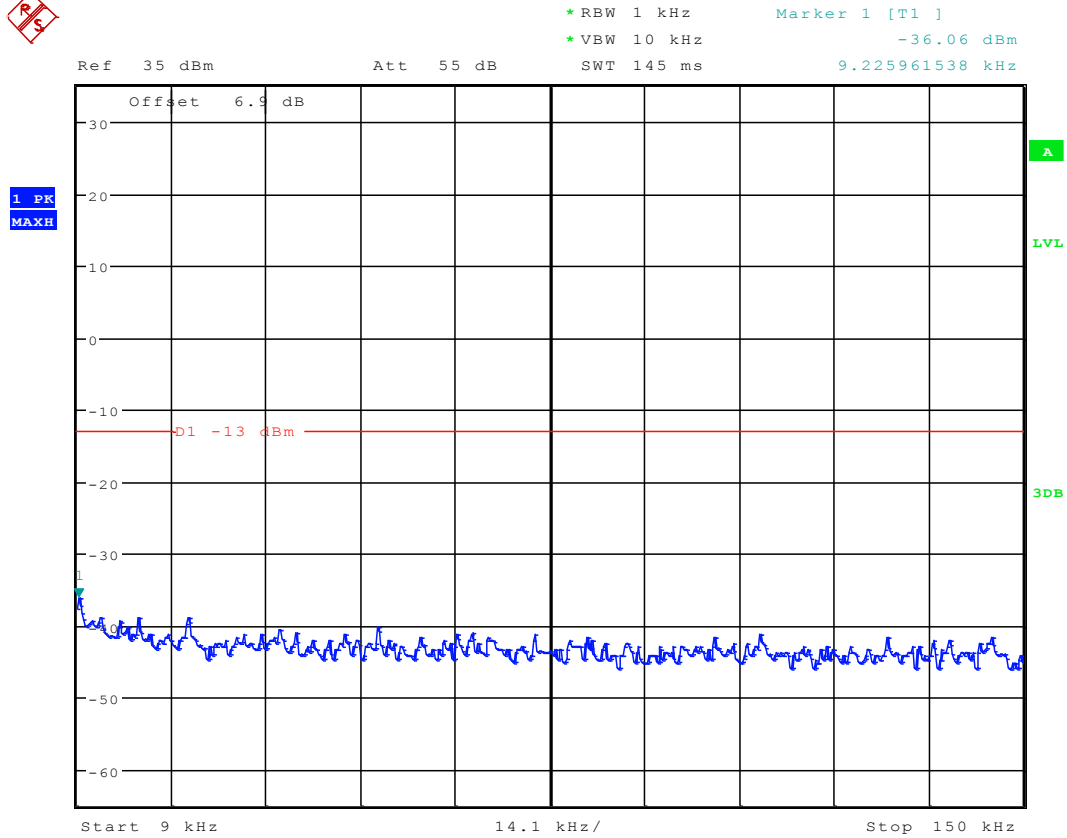
Appendix D

Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & 22.917

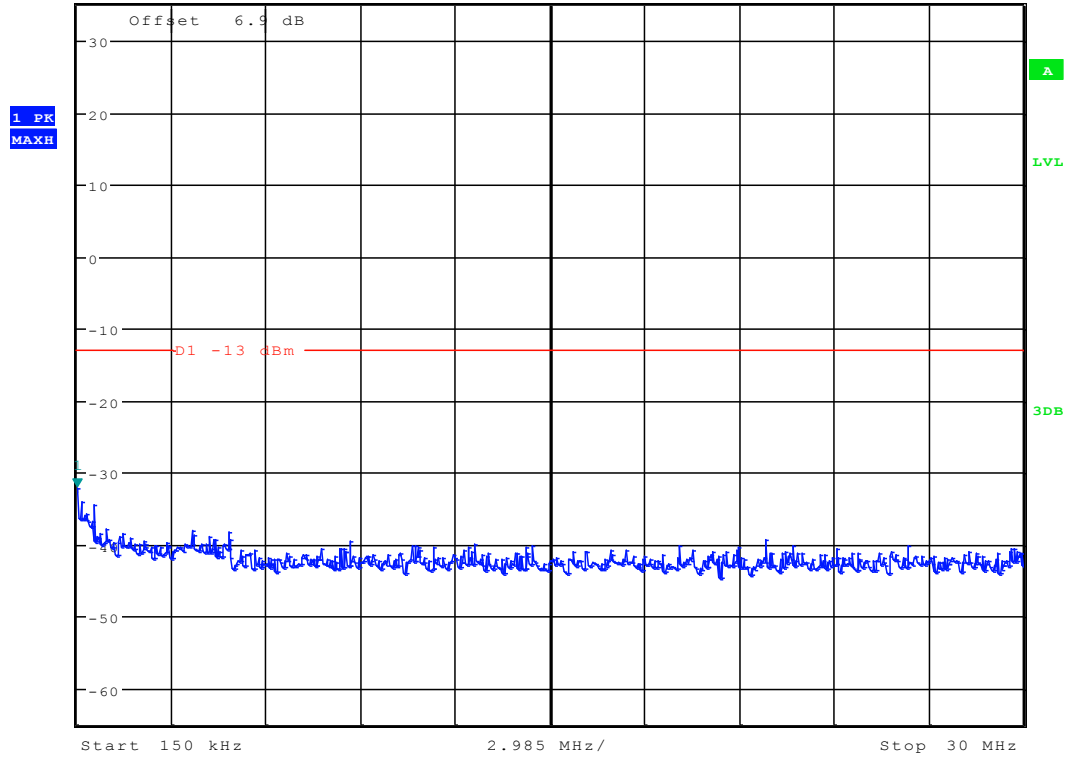


TM1:GPRS/GSM Channel 128





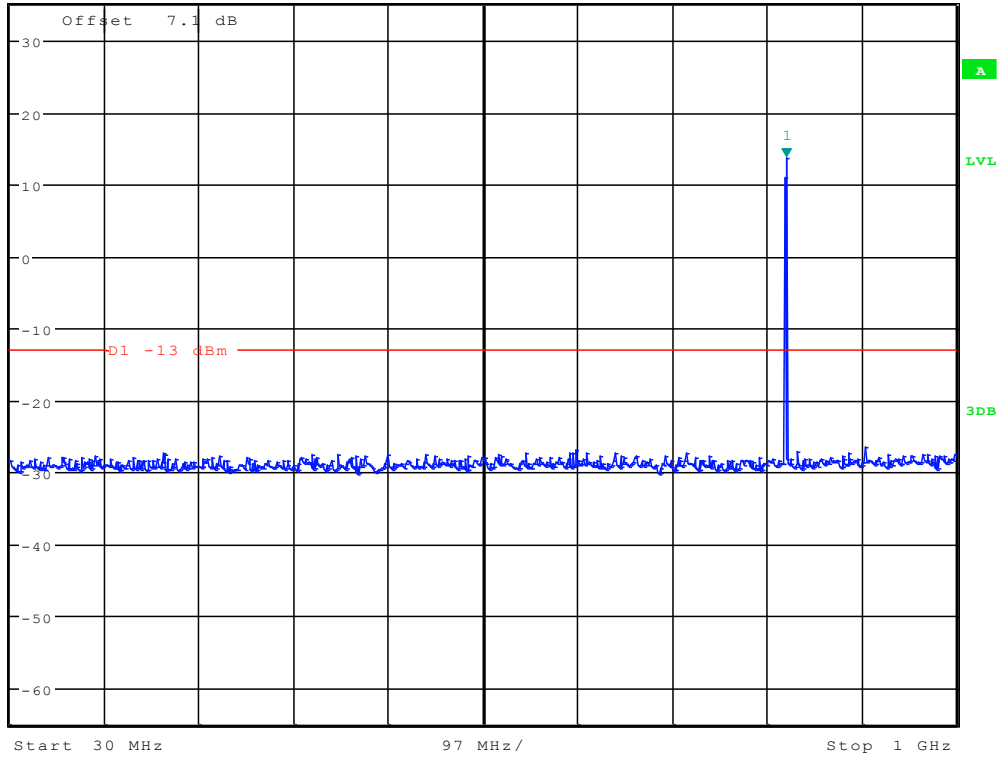
* RBW 10 kHz Marker 1 [T1]
* VBW 30 kHz -32.21 dBm
Ref 35 dBm Att 55 dB SWT 300 ms 150.000000000 kHz





* RBW 100 kHz Marker 1 [T1]
* VBW 300 kHz 13.74 dBm
Ref 35 dBm Att 55 dB SWT 100 ms 825.897435897 MHz

1 PK
MAXH





* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -15.91 dBm
2.600560897 GHz

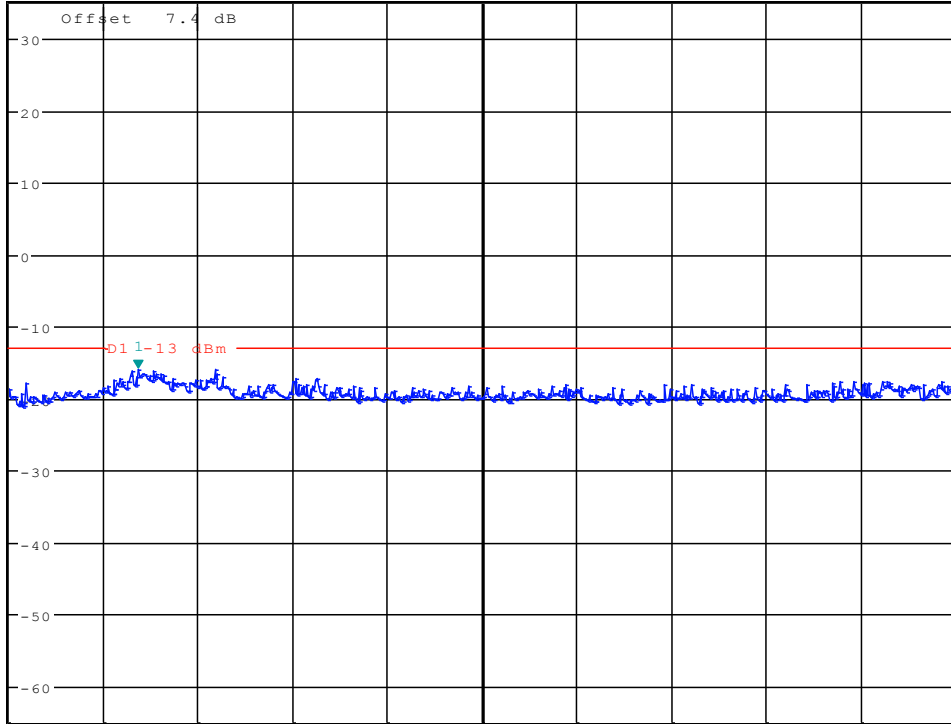
Ref 35 dBm

Att 55 dB

SWT 70 ms

Offset 7.4 dB

1 PK
MAXH



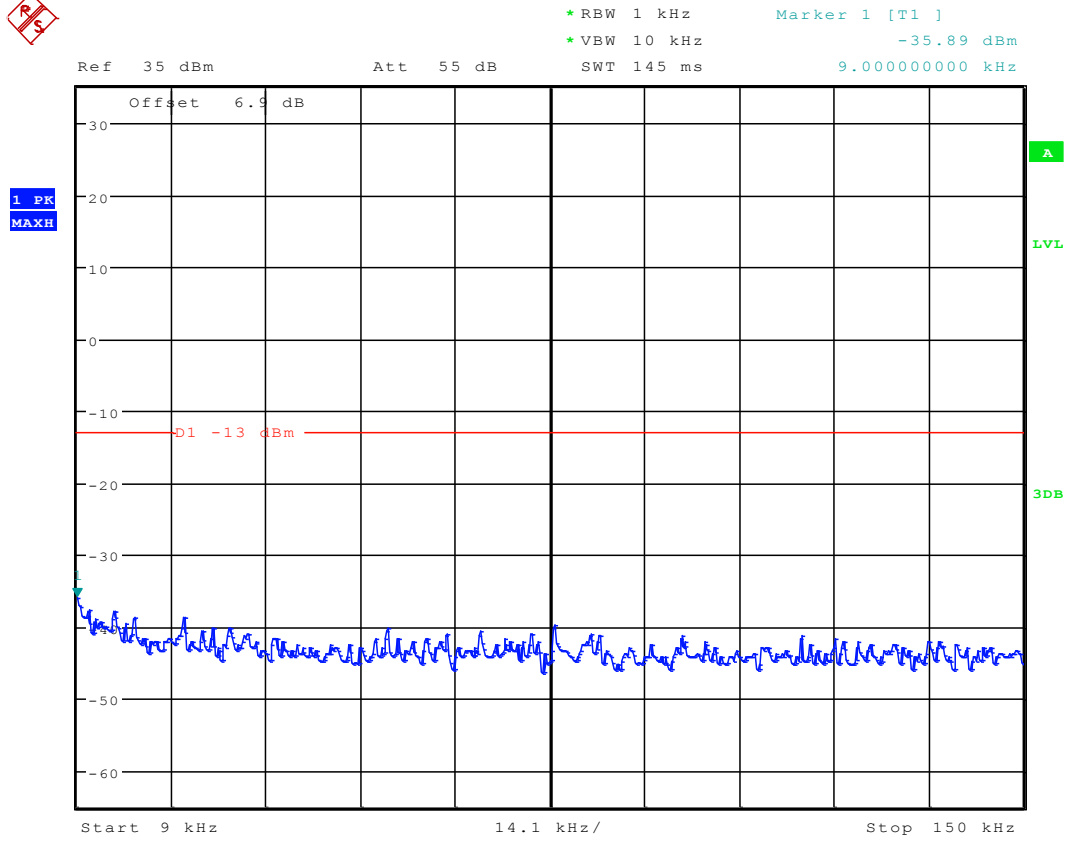
Start 1 GHz

1.175 GHz/

Stop 12.75 GHz

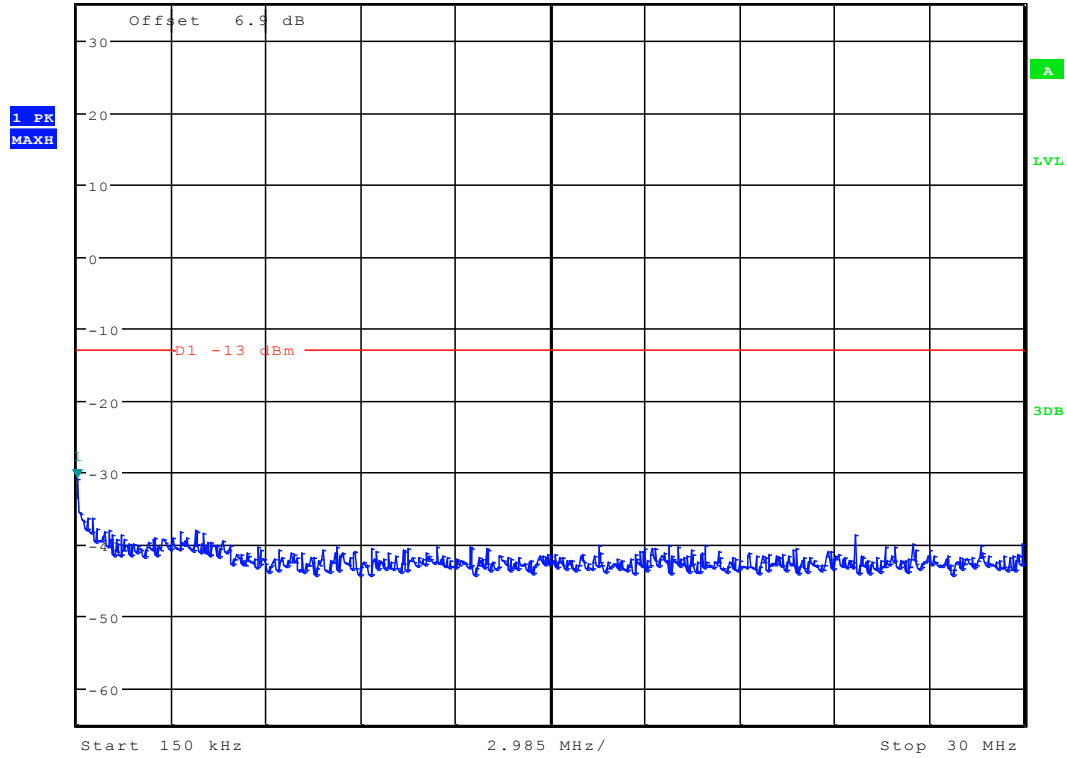


Channel 192





* RBW 10 kHz Marker 1 [T1]
* VBW 30 kHz -30.76 dBm
Ref 35 dBm Att 55 dB SWT 300 ms 150.000000000 kHz





838.333333333 MHz

Offset 7.1 dB

D1 -13 dBm

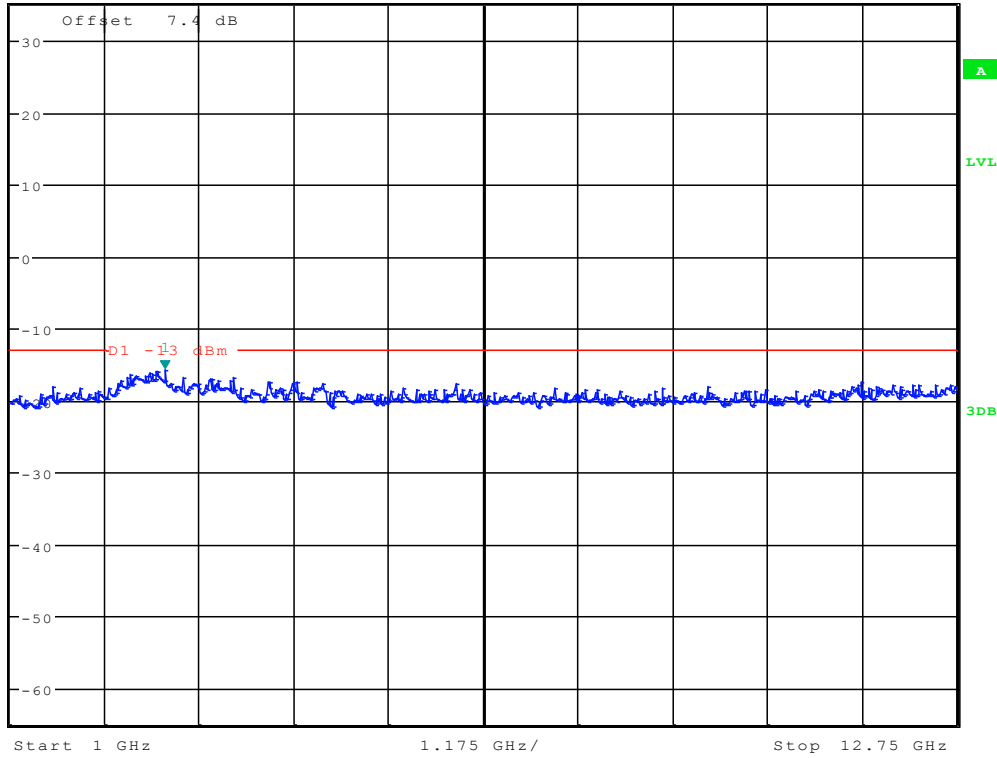
1

Start 30 MHz 97 MHz/ Stop 1 GHz



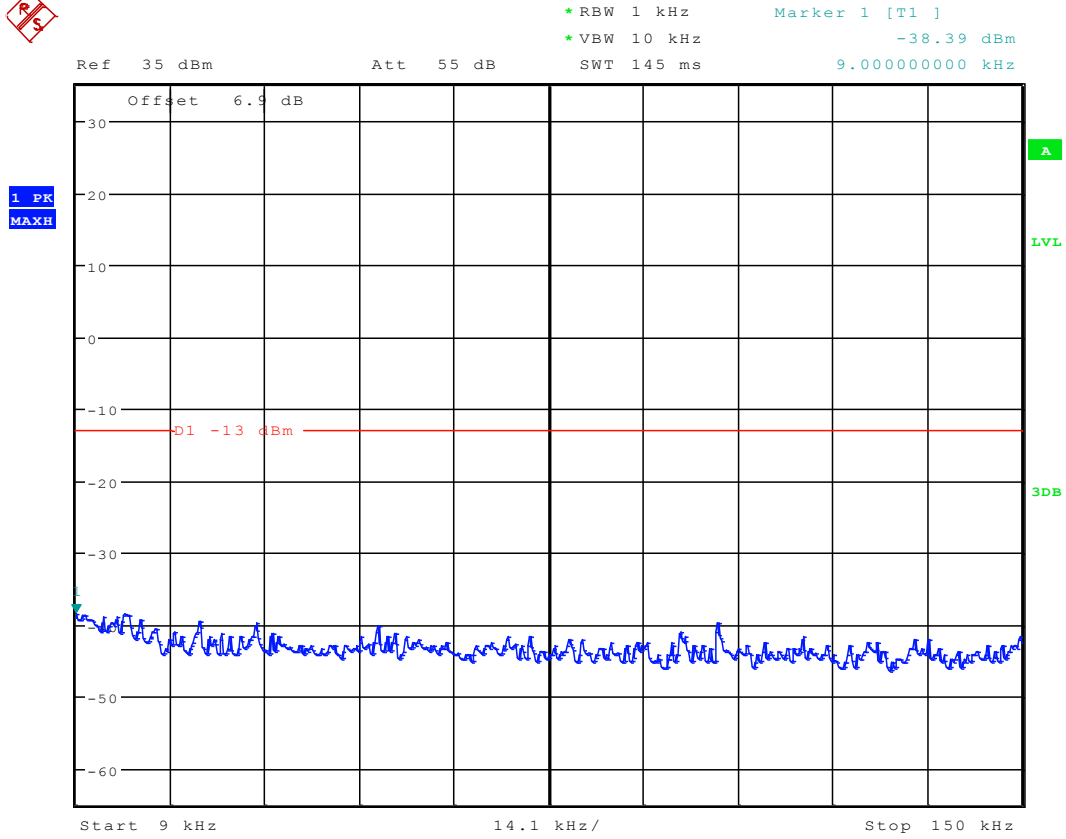
* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -15.80 dBm
Ref 35 dBm Att 55 dB SWT 70 ms 2.920673077 GHz

1 PK
MAXH



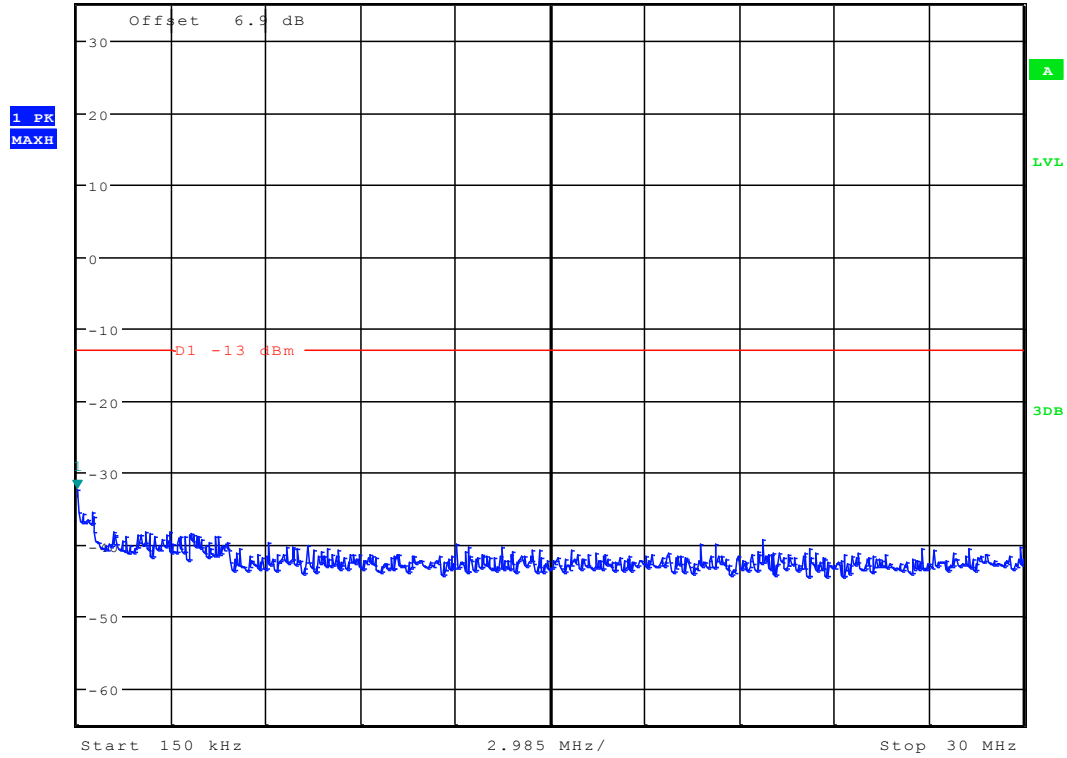


Channel 251





* RBW 10 kHz Marker 1 [T1]
* VBW 30 kHz -32.32 dBm
Ref 35 dBm Att 55 dB SWT 300 ms 150.000000000 kHz



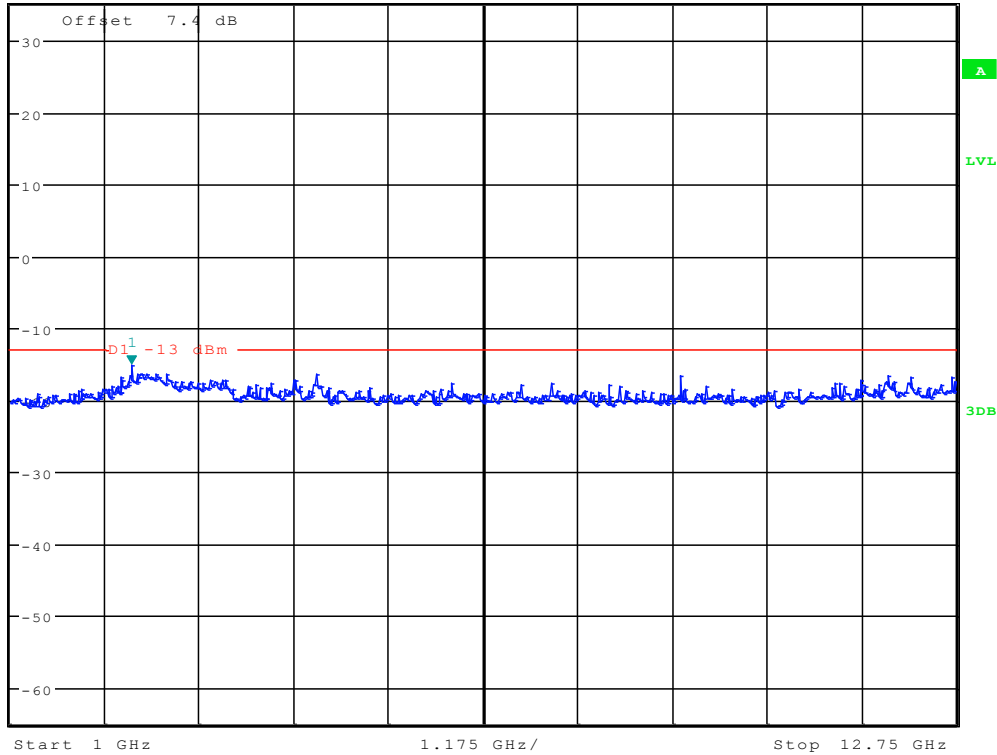


849.214743590 MHz



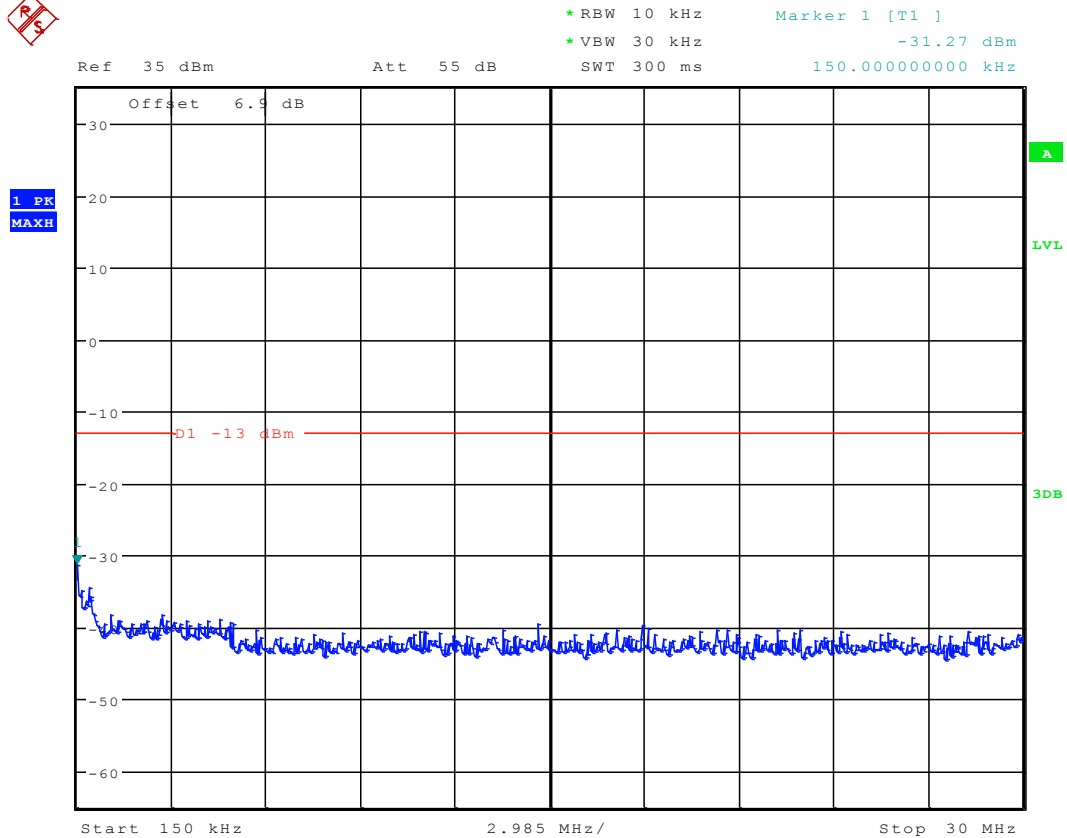
* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -15.18 dBm
Ref 35 dBm Att 55 dB SWT 70 ms 2.506410256 GHz

1 PK
MAXH



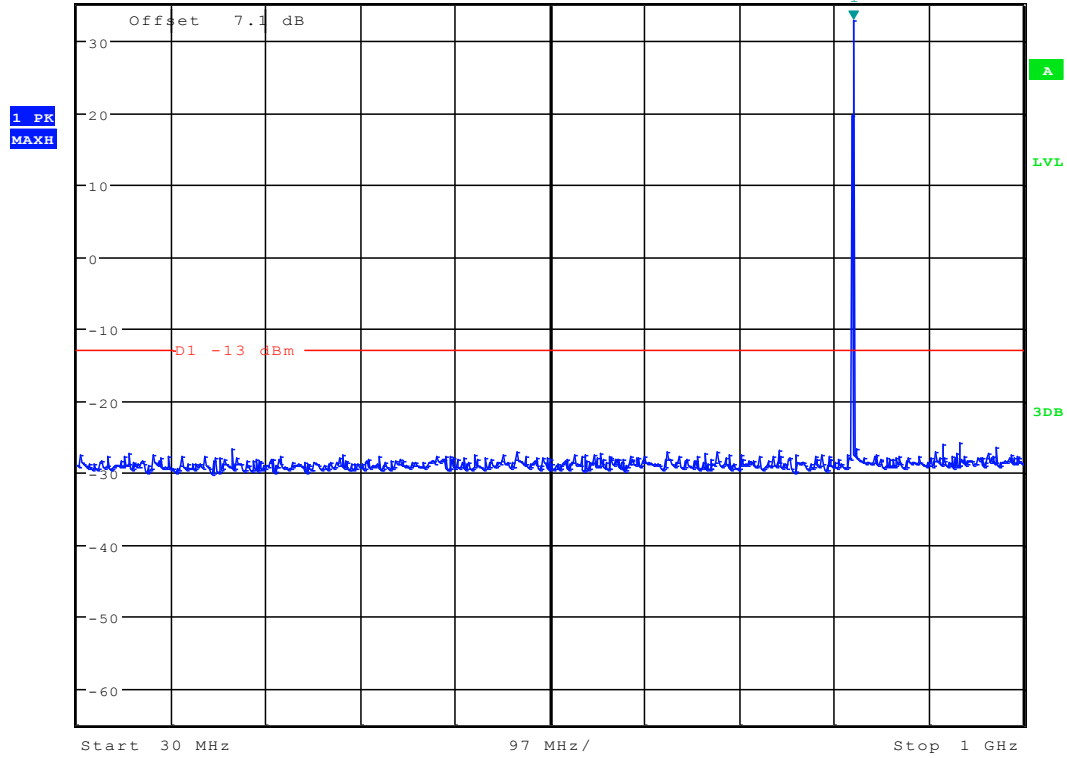


TM2:EDGE Channel 128





825.897435897 MHz





* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -14.83 dBm
2.581730769 GHz

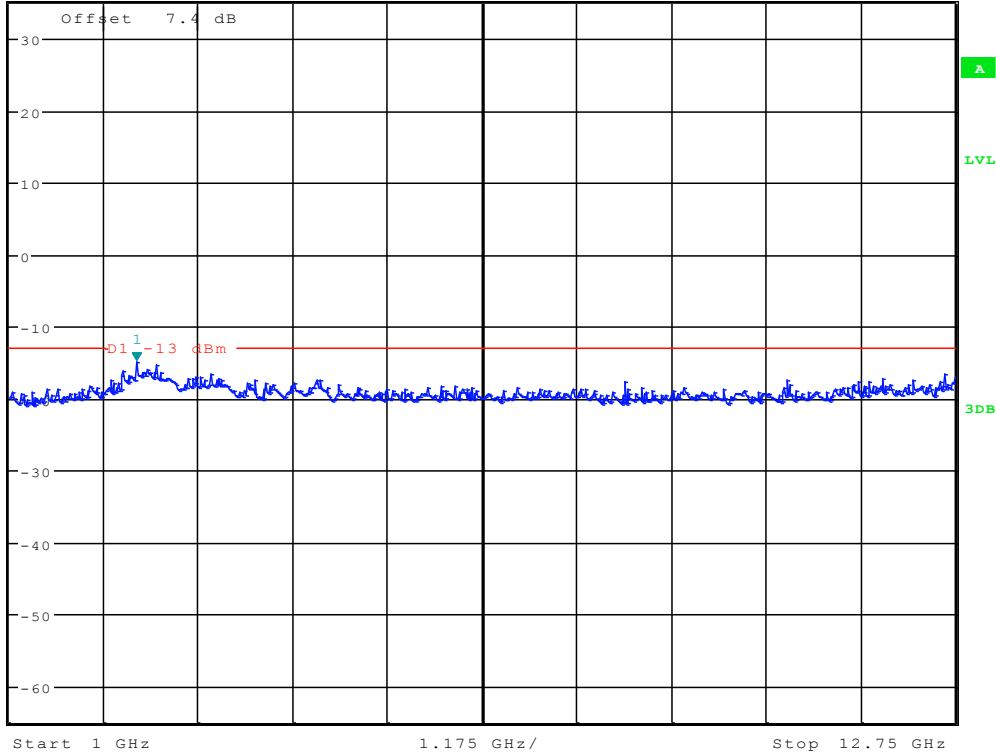
Ref 35 dBm

Att 55 dB

SWT 70 ms

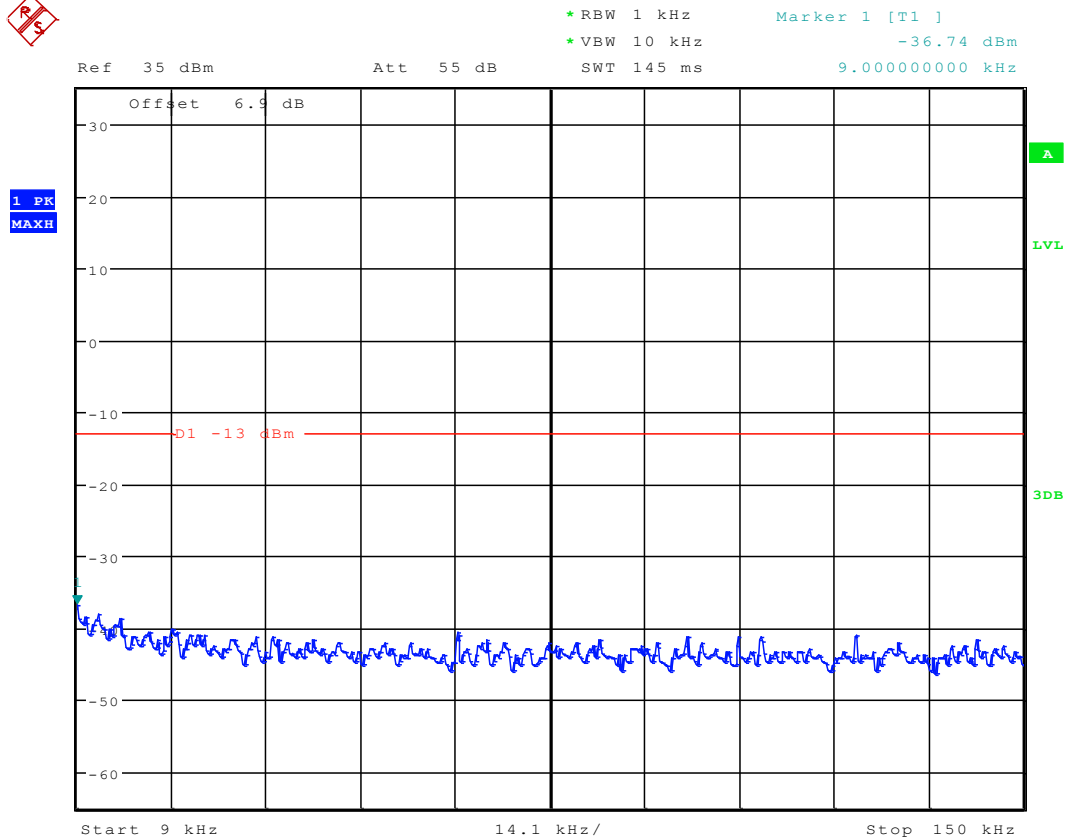
2.581730769 GHz

1 PK
MAXH



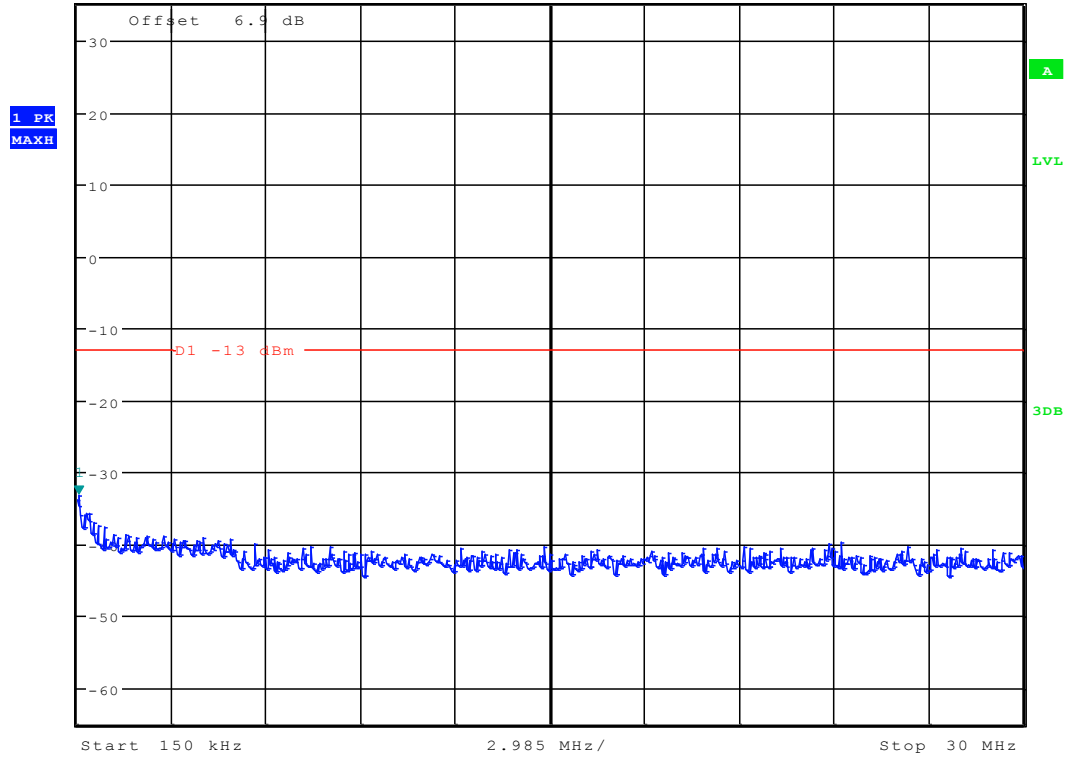


Channel 192





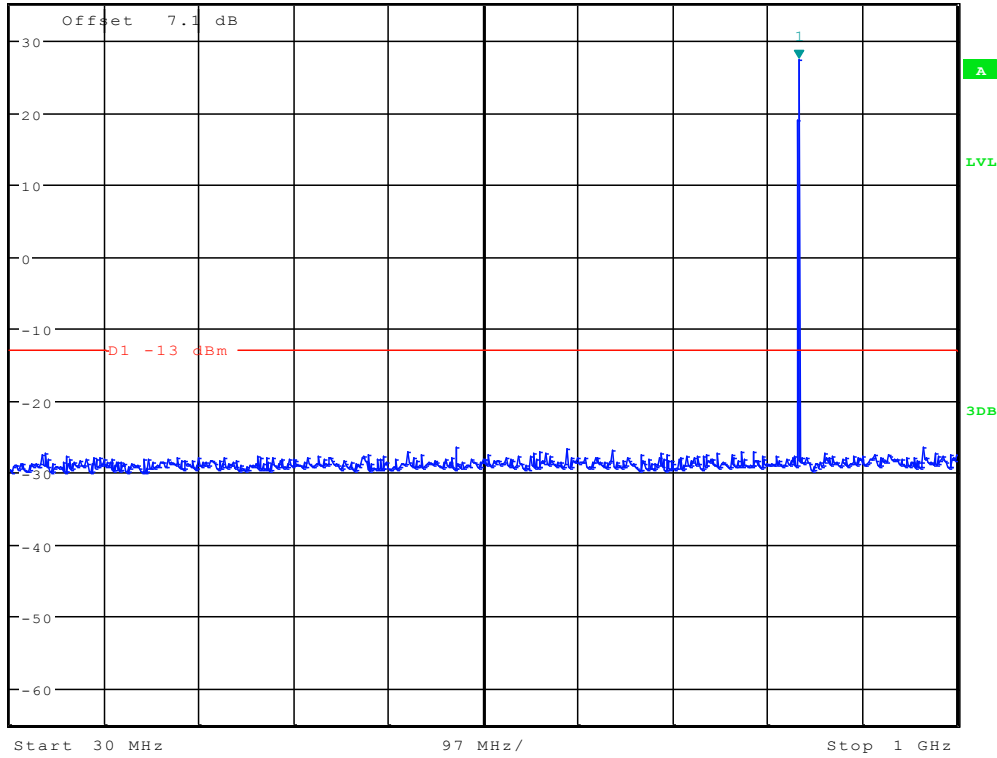
* RBW 10 kHz Marker 1 [T1]
* VBW 30 kHz -33.22 dBm
Ref 35 dBm Att 55 dB SWT 300 ms 197.836538462 kHz





* RBW 100 kHz Marker 1 [T1]
* VBW 300 kHz 27.40 dBm
Ref 35 dBm Att 55 dB SWT 100 ms 838.333333333 MHz

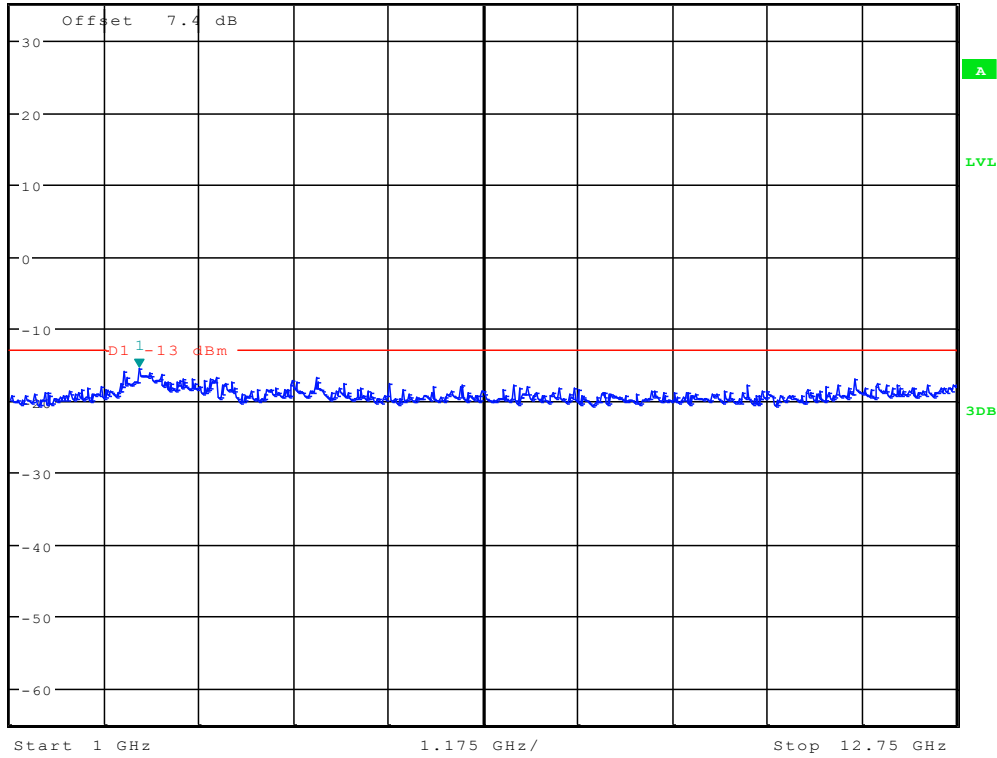
1 PK
MAXH





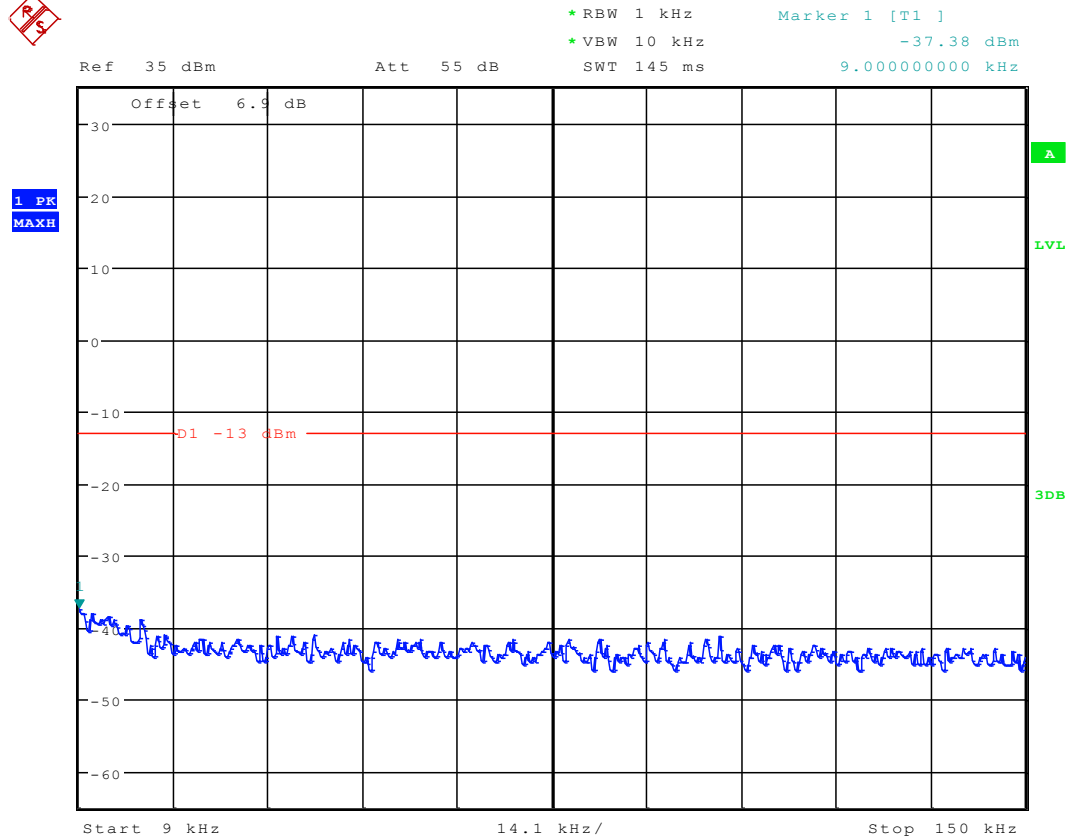
* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -15.63 dBm
Ref 35 dBm Att 55 dB SWT 70 ms 2.600560897 GHz

1 PK
MAXH



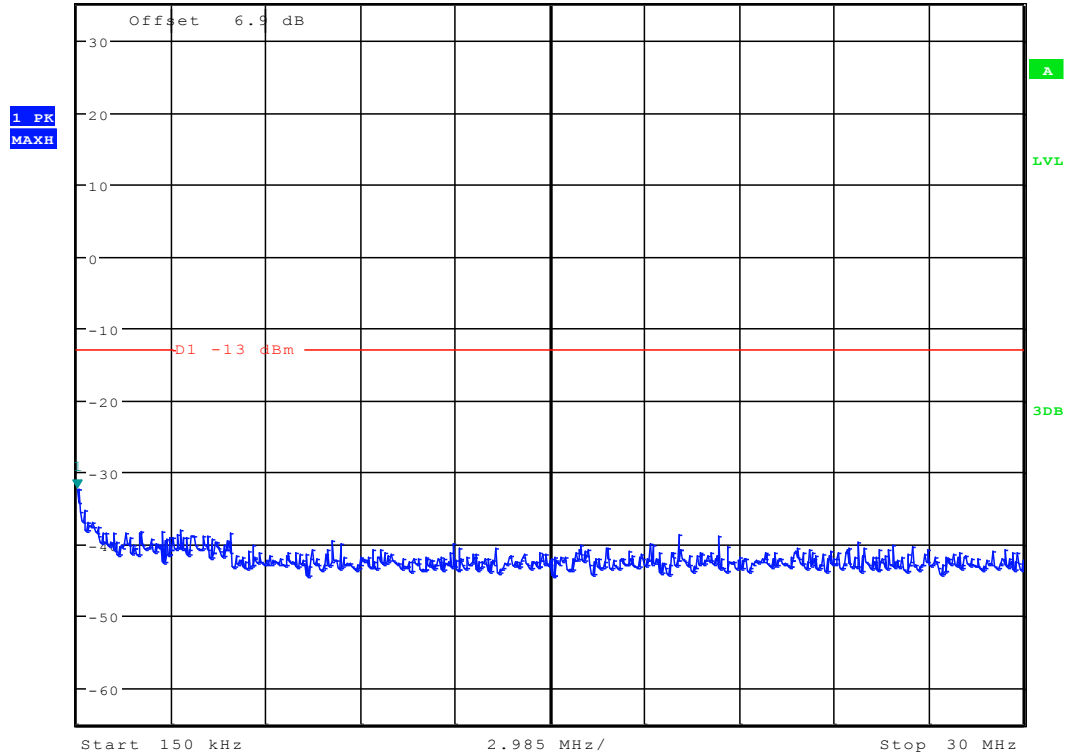


Channel 251





* RBW 10 kHz Marker 1 [T1]
* VBW 30 kHz -32.27 dBm
Ref 35 dBm Att 55 dB SWT 300 ms 150.000000000 kHz





849.214743590 MHz

Offset 7.1 dB

D1 -13 dBm

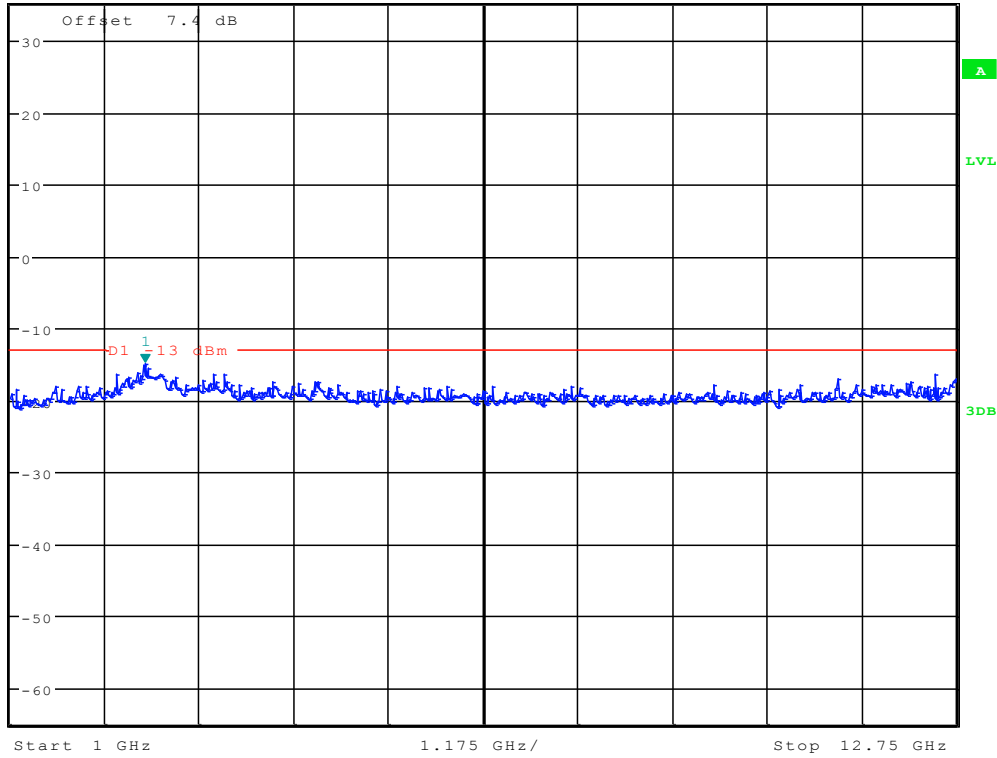
The plot shows a signal at -13 dBm with a 7.1 dB offset. The signal is represented by a blue line with a green arrow pointing to the peak. The noise floor is around -30 dBm.

Stop 1 GHz



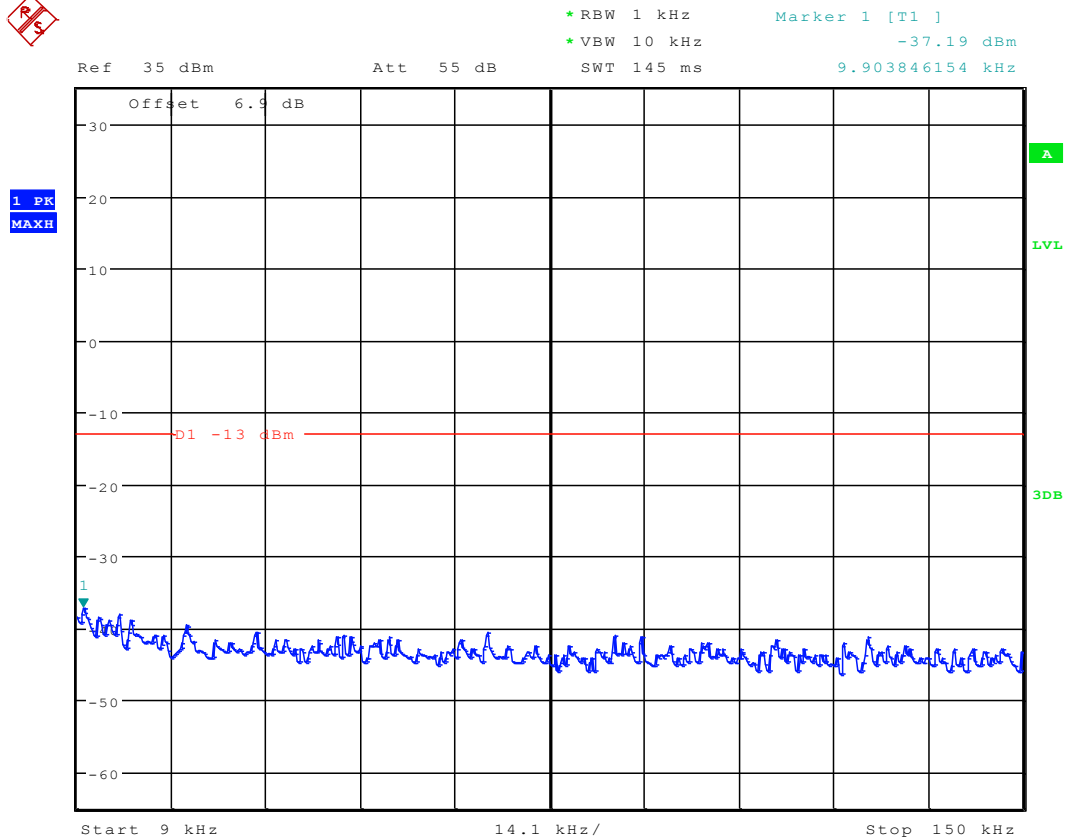
* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -14.85 dBm
Ref 35 dBm Att 55 dB SWT 70 ms 2.675881410 GHz

1 PK
MAXH



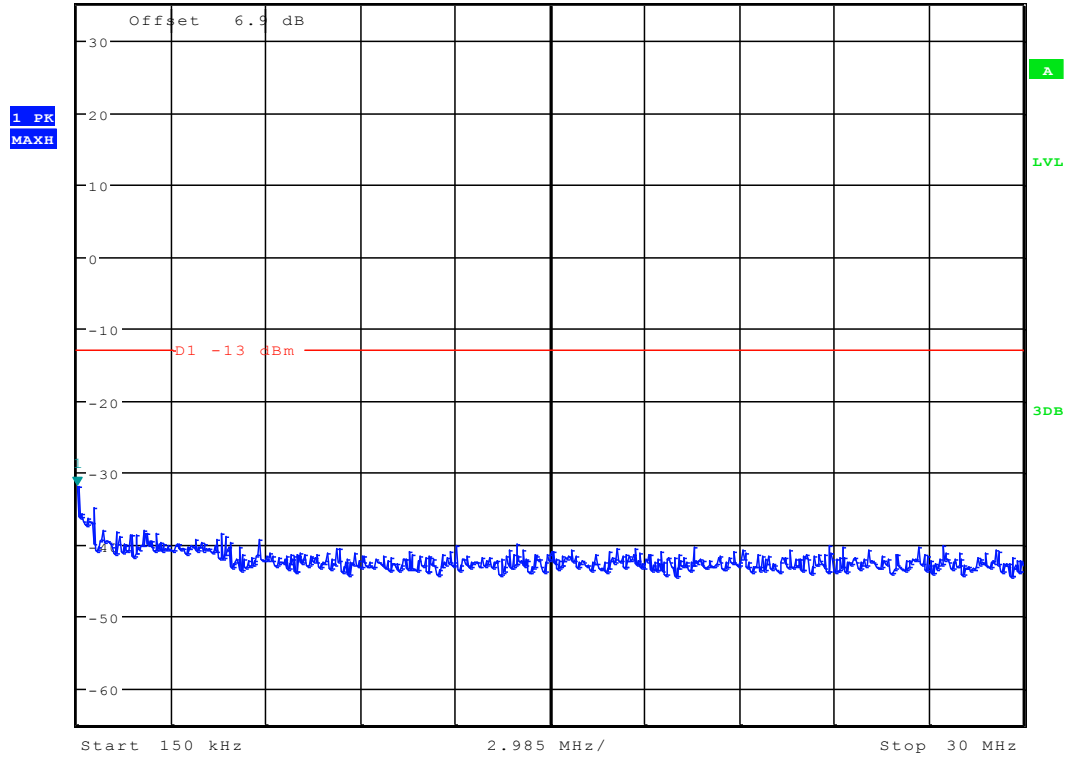


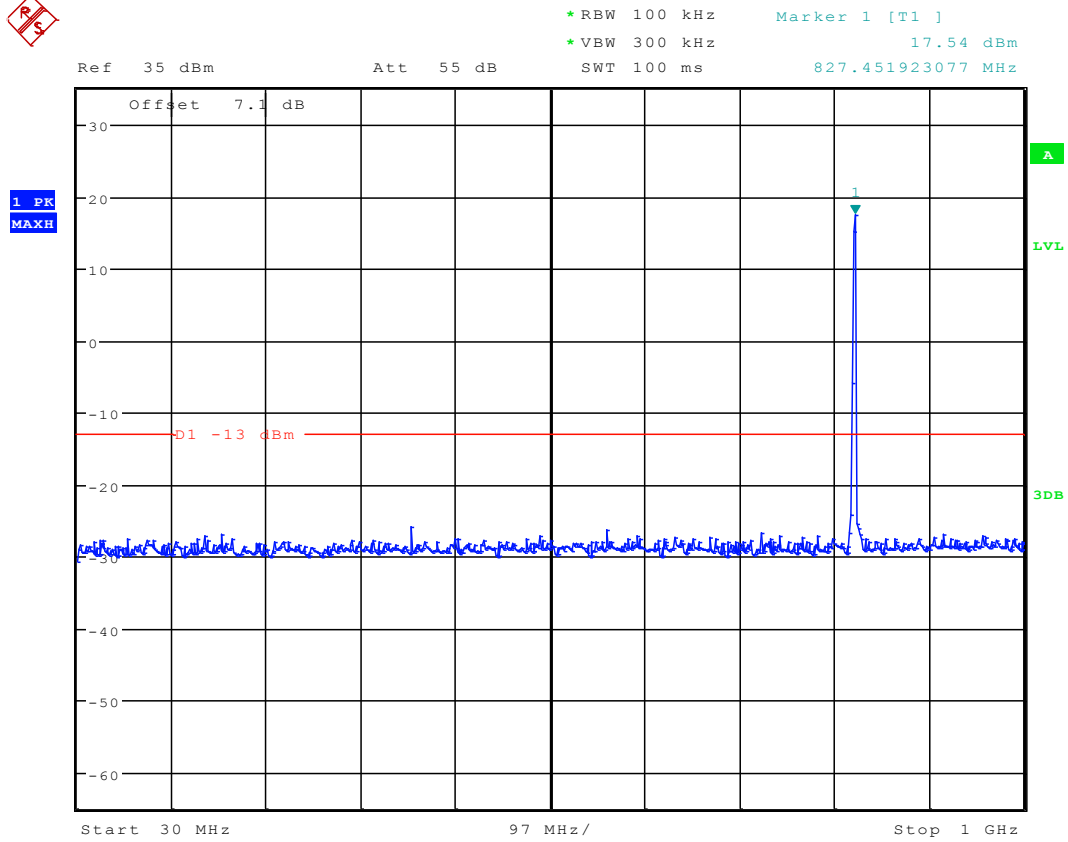
TM3:WCDMA Channel 4132





* RBW 10 kHz Marker 1 [T1]
* VBW 30 kHz -31.95 dBm
Ref 35 dBm Att 55 dB SWT 300 ms 150.000000000 kHz

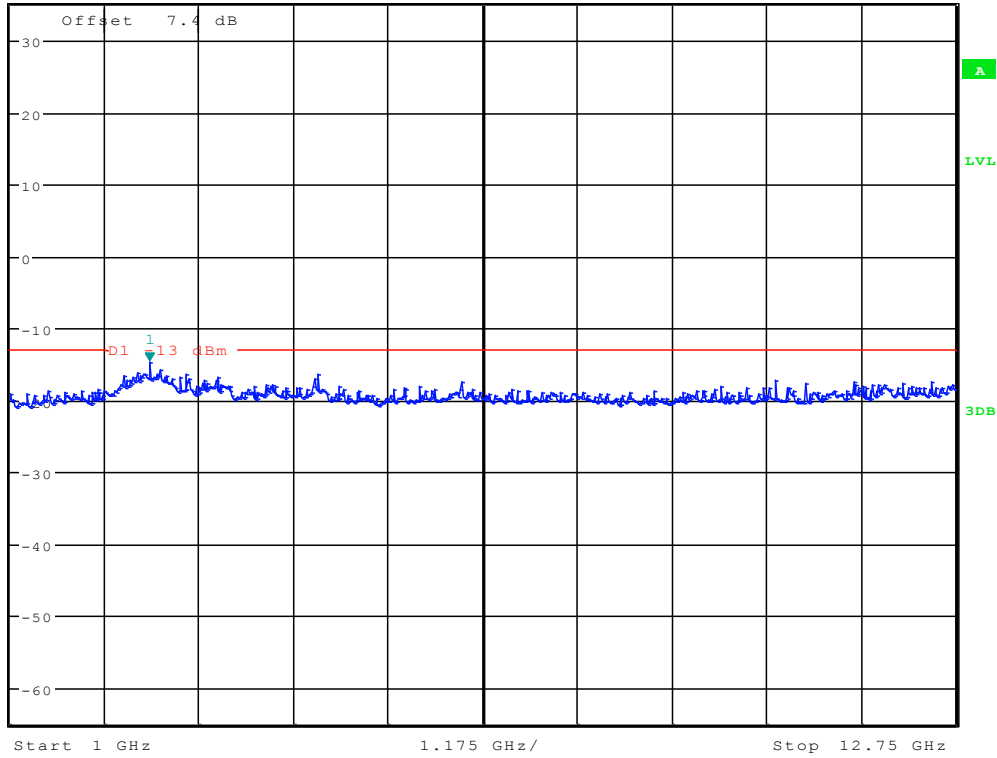






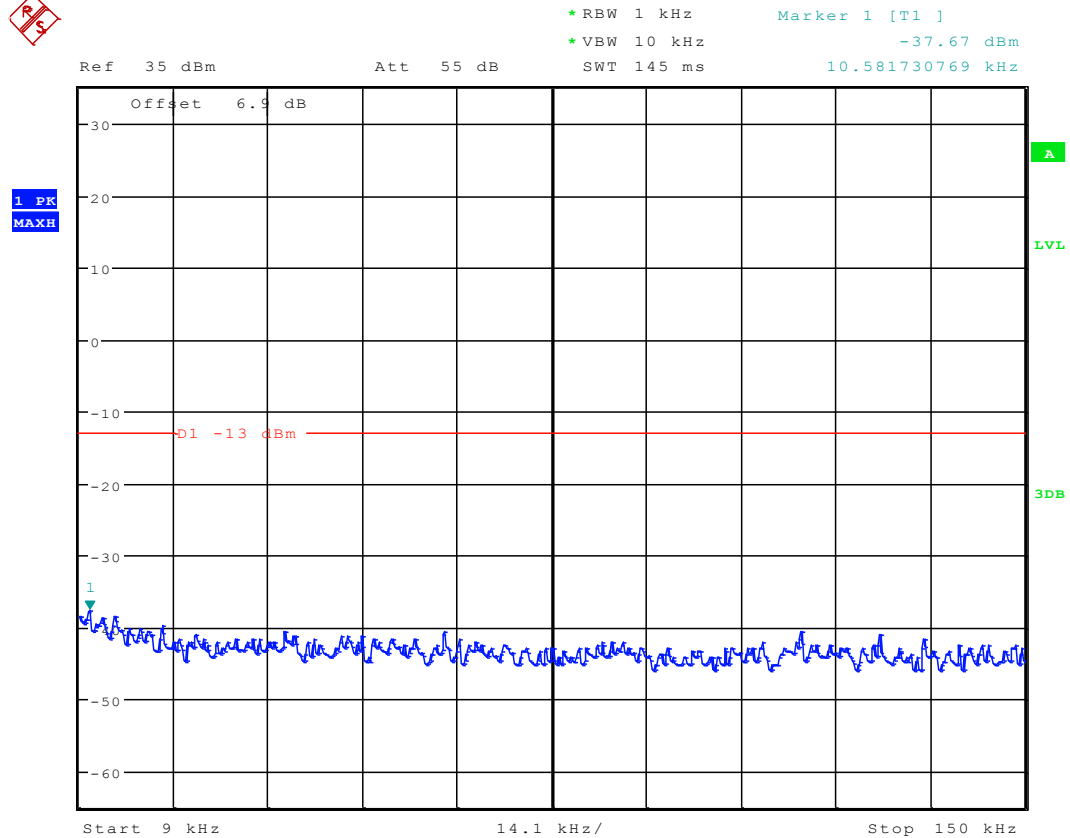
* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -14.68 dBm
Ref 35 dBm Att 55 dB SWT 70 ms 2.732371795 GHz

1 PK
MAXH



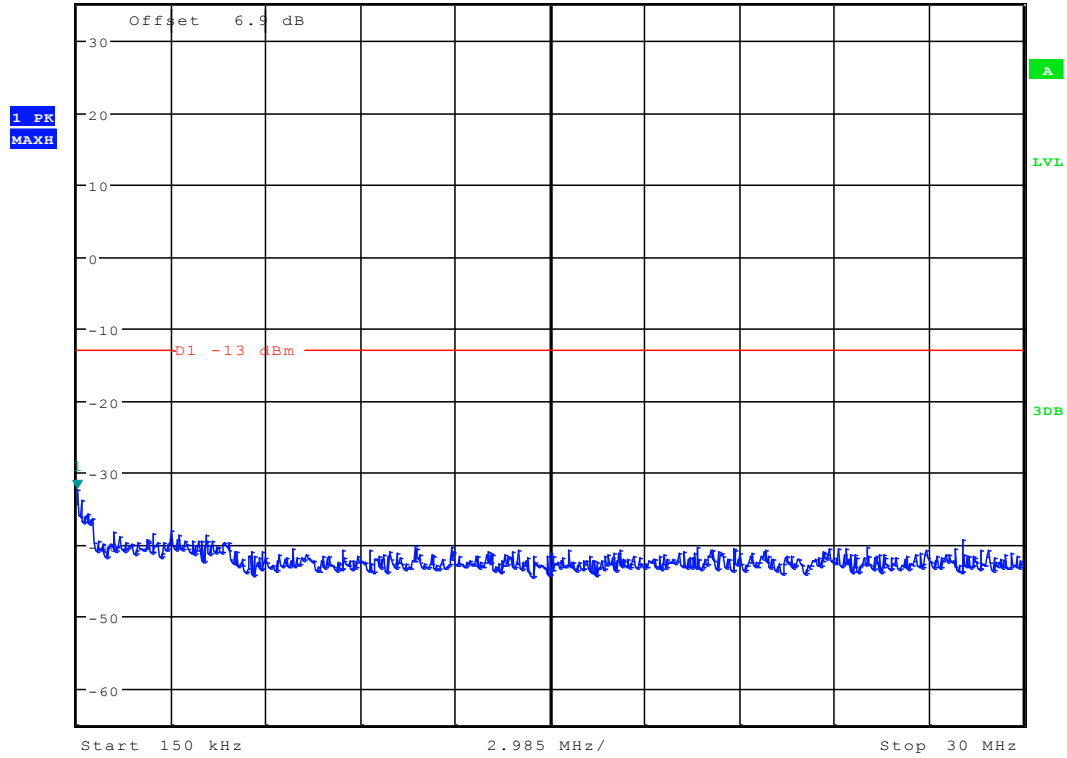


Channel 4182





* RBW 10 kHz Marker 1 [T1]
* VBW 30 kHz -32.27 dBm
Ref 35 dBm Att 55 dB SWT 300 ms 150.000000000 kHz





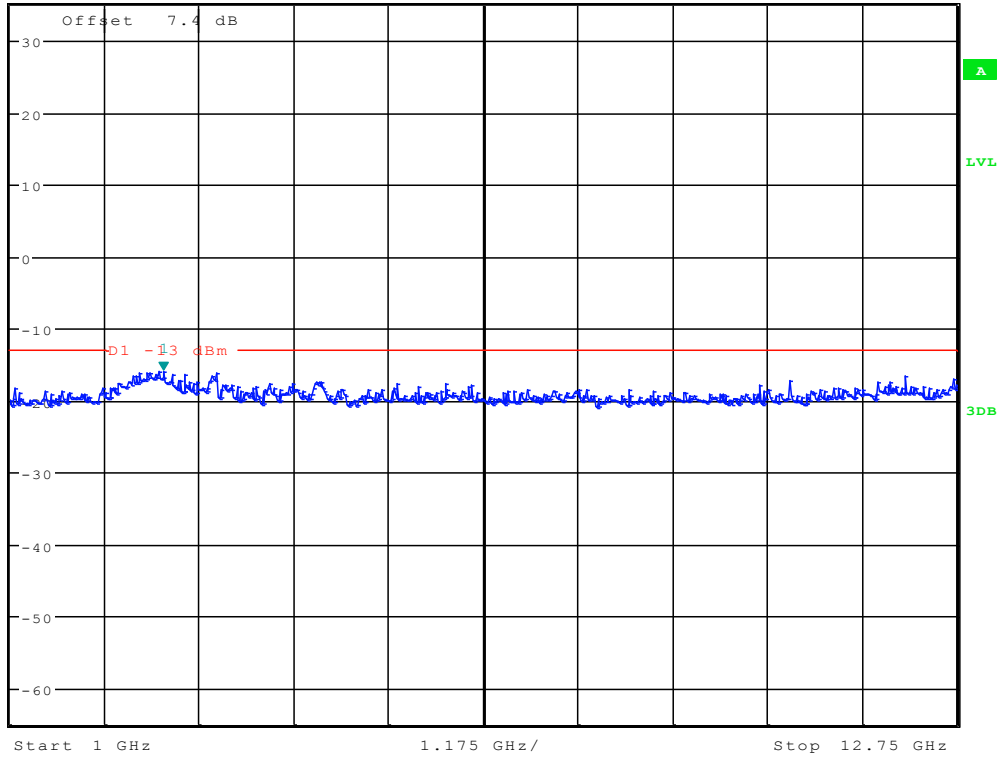
836.778846154 MHz





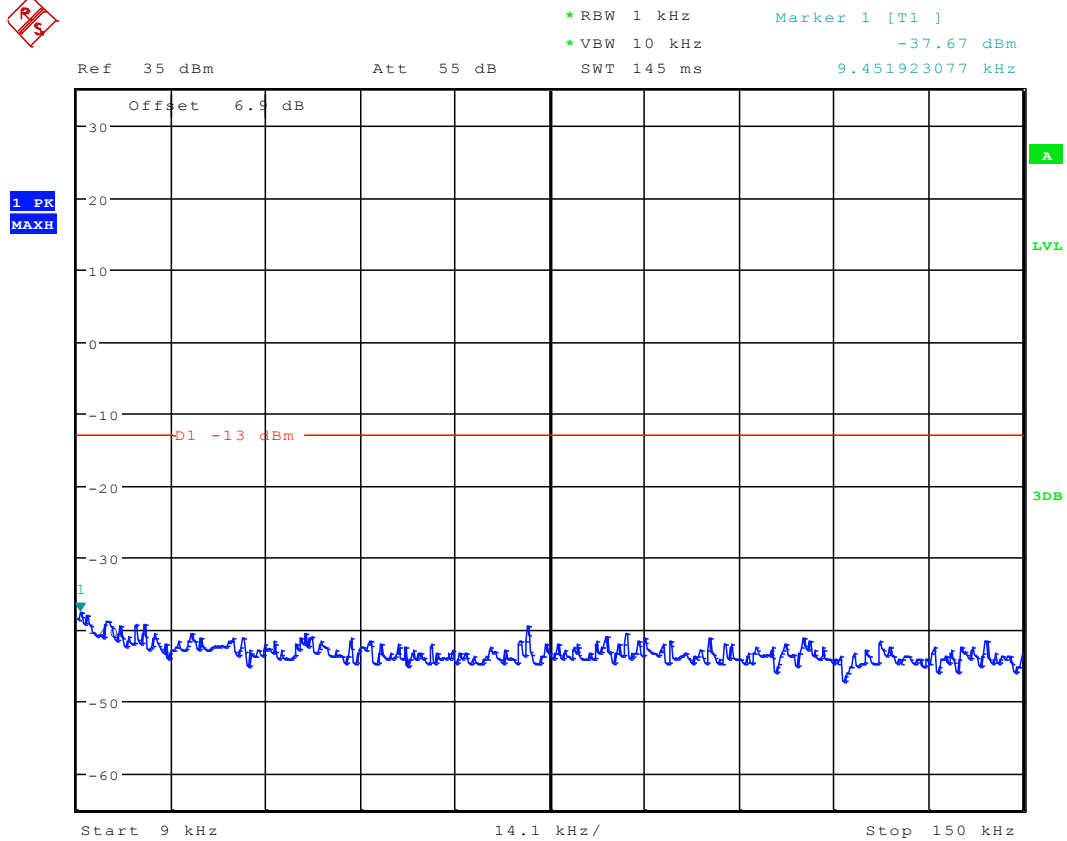
* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -16.00 dBm
Ref 35 dBm Att 55 dB SWT 70 ms 2.901842949 GHz

1 PK
MAXH



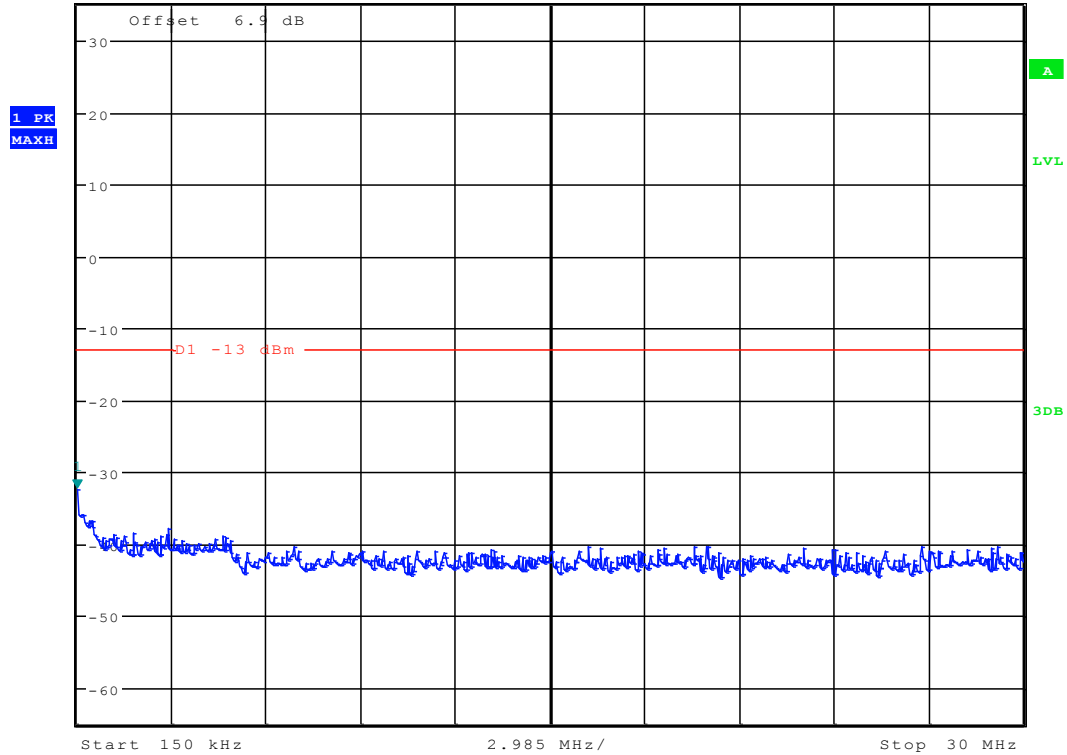


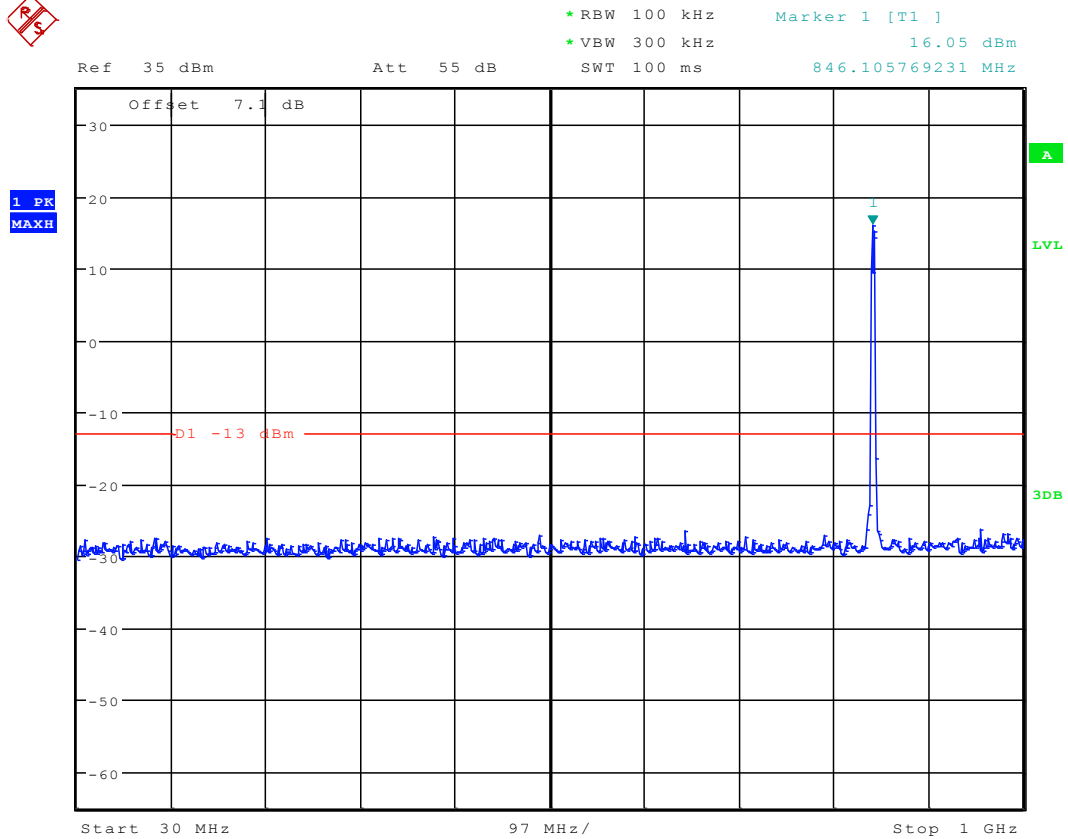
Channel 4233





* RBW 10 kHz Marker 1 [T1]
* VBW 30 kHz -32.27 dBm
Ref 35 dBm Att 55 dB SWT 300 ms 150.000000000 kHz







* RBW 1 MHz Marker 1 [T1]
* VBW 3 MHz -16.12 dBm
2.864182692 GHz

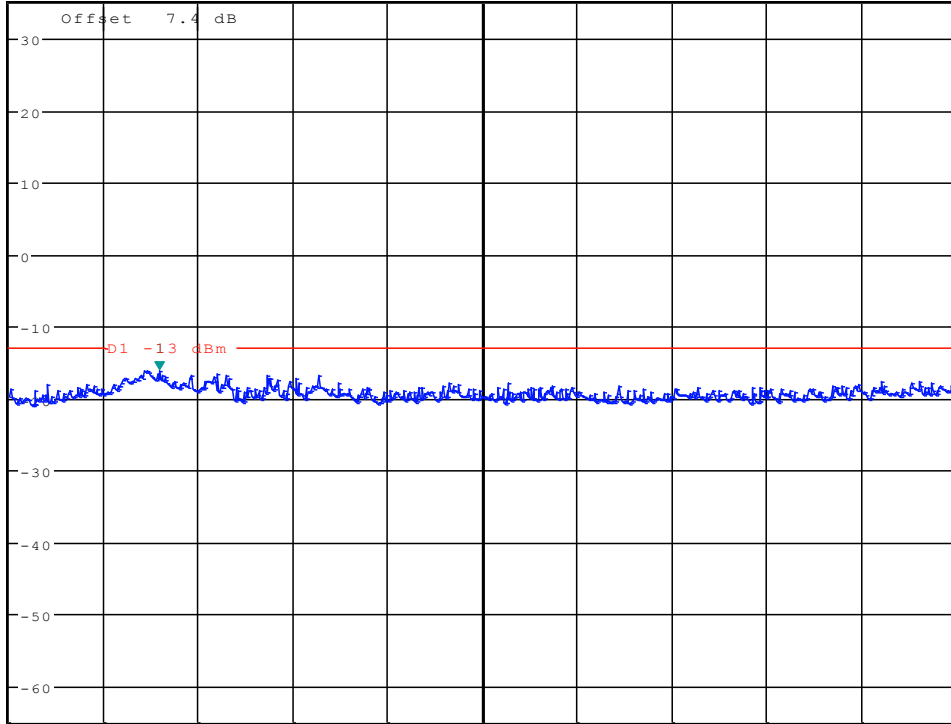
Ref 35 dBm

Att 55 dB

SWT 70 ms

Offset 7.4 dB

1 PK
MAXH



Start 1 GHz

1.175 GHz/

Stop 12.75 GHz