



Appendix A

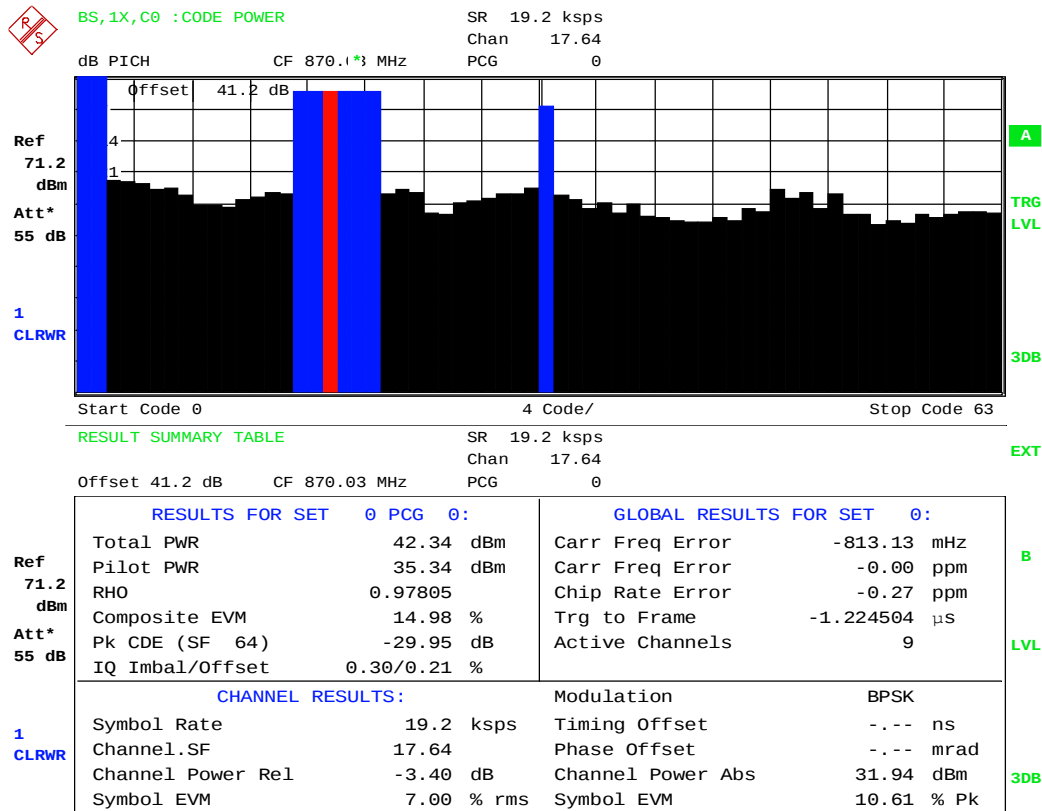
Modulation Characteristic Measurement

According to CFR 47 (FCC) part 2.1047



CDMA2000 1X:

RC1 Channel 1



Date: 21.DEC.2010 16:06:20



Channel 311



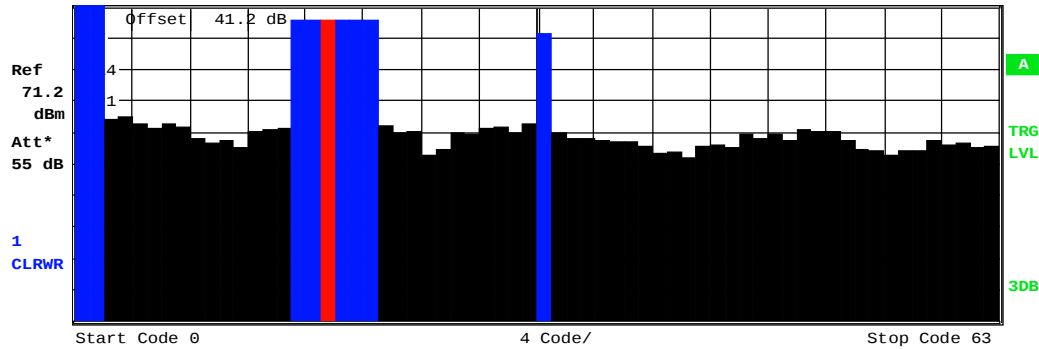
BS, 1X, C0 : CODE POWER

SR 19.2 ksps

Chan 17.64

PCG 0

dB PICH CF 879.33 MHz



Start Code 0 4 Code/ Stop Code 63

RESULT SUMMARY TABLE

SR 19.2 ksps

Chan 17.64

PCG 0

Offset 41.2 dB

CF 879.33 MHz

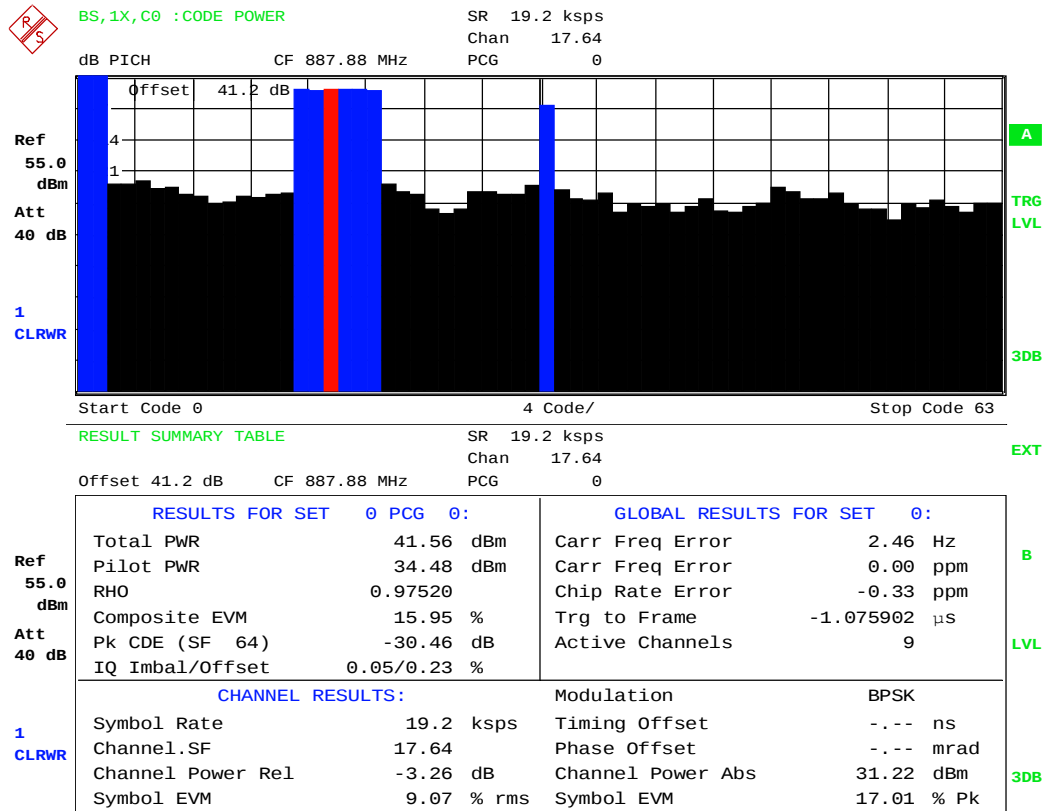
EXT

RESULTS FOR SET 0 PCG 0:		GLOBAL RESULTS FOR SET 0:	
Total PWR	42.47 dBm	Carr Freq Error	-1.09 Hz
Pilot PWR	35.48 dBm	Carr Freq Error	-0.00 ppm
RHO	0.98324	Chip Rate Error	-0.27 ppm
Composite EVM	13.05 %	Trg to Frame	-1.241276 μs
Pk CDE (SF 64)	-31.57 dB	Active Channels	9
IQ Imbal/Offset	0.89/0.36 %		
CHANNEL RESULTS:		Modulation	
Symbol Rate	19.2 ksps	Timing Offset	-. - ns
Channel.SF	17.64	Phase Offset	-. - mrad
Channel Power Rel	-3.34 dB	Channel Power Abs	32.15 dBm
Symbol EVM	7.55 % rms	Symbol EVM	18.25 % Pk

Date: 21.DEC.2010 16:00:36



Channel 596

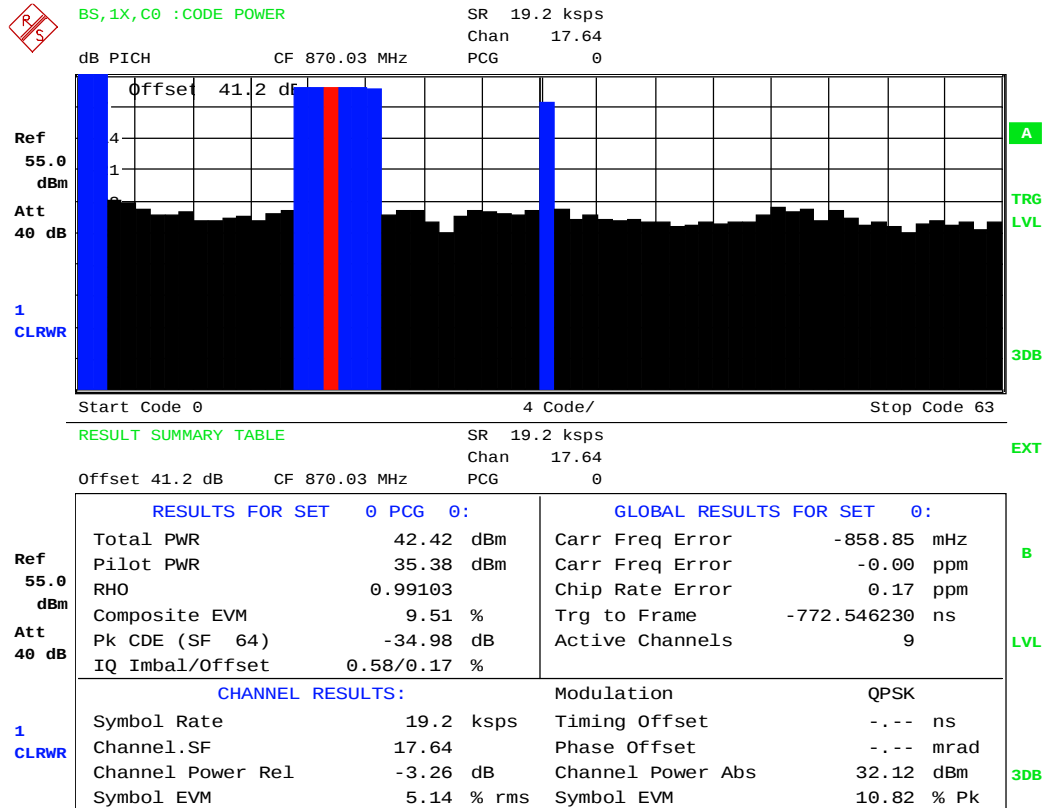


Date: 21.DEC.2010 16:17:39



RC3

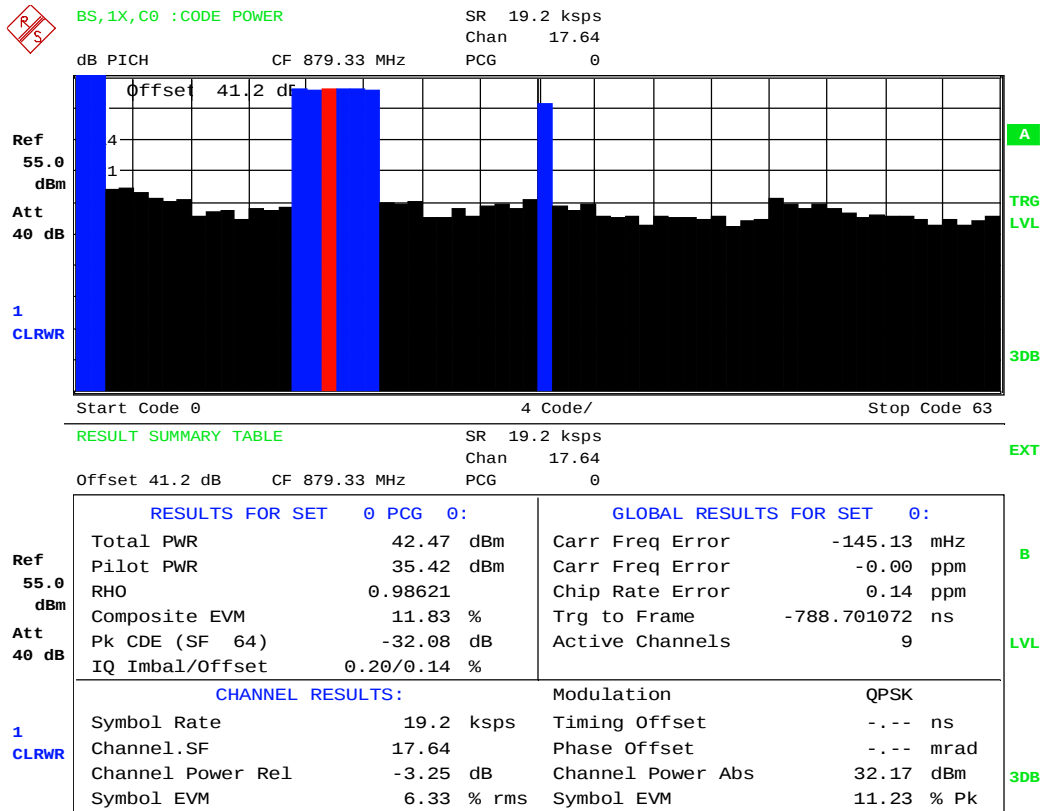
Channel 1



Date: 17.DEC.2010 16:35:32



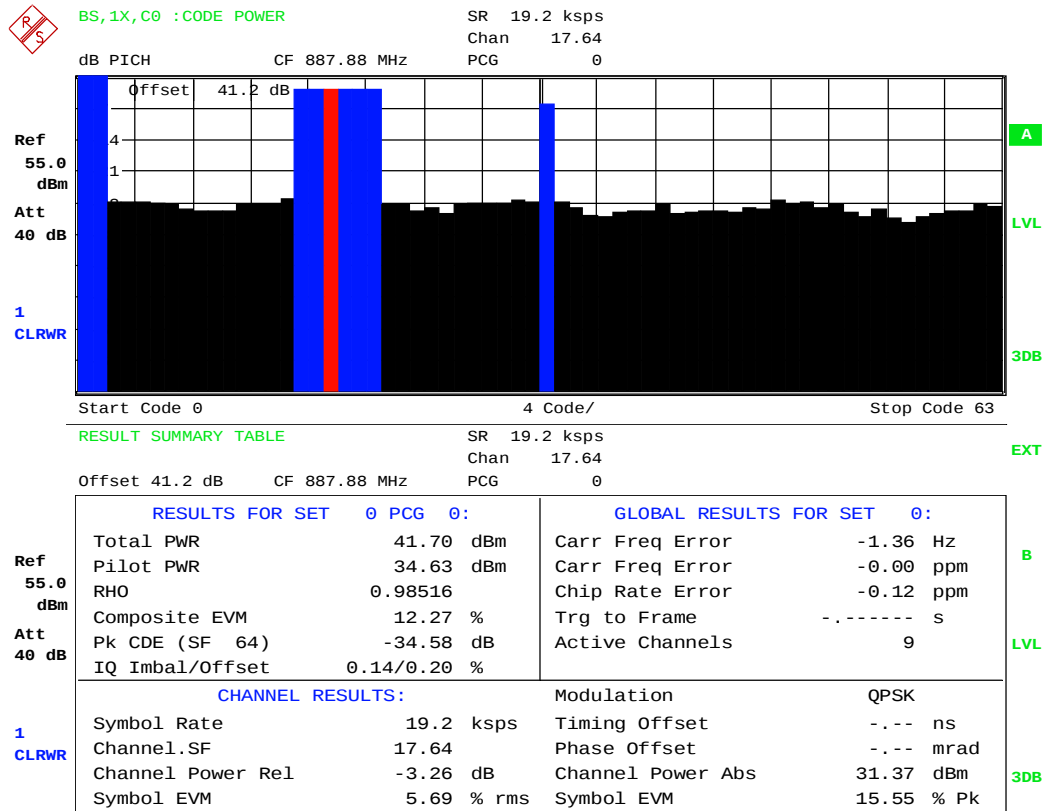
Channel 311



Date: 17.DEC.2010 16:56:37



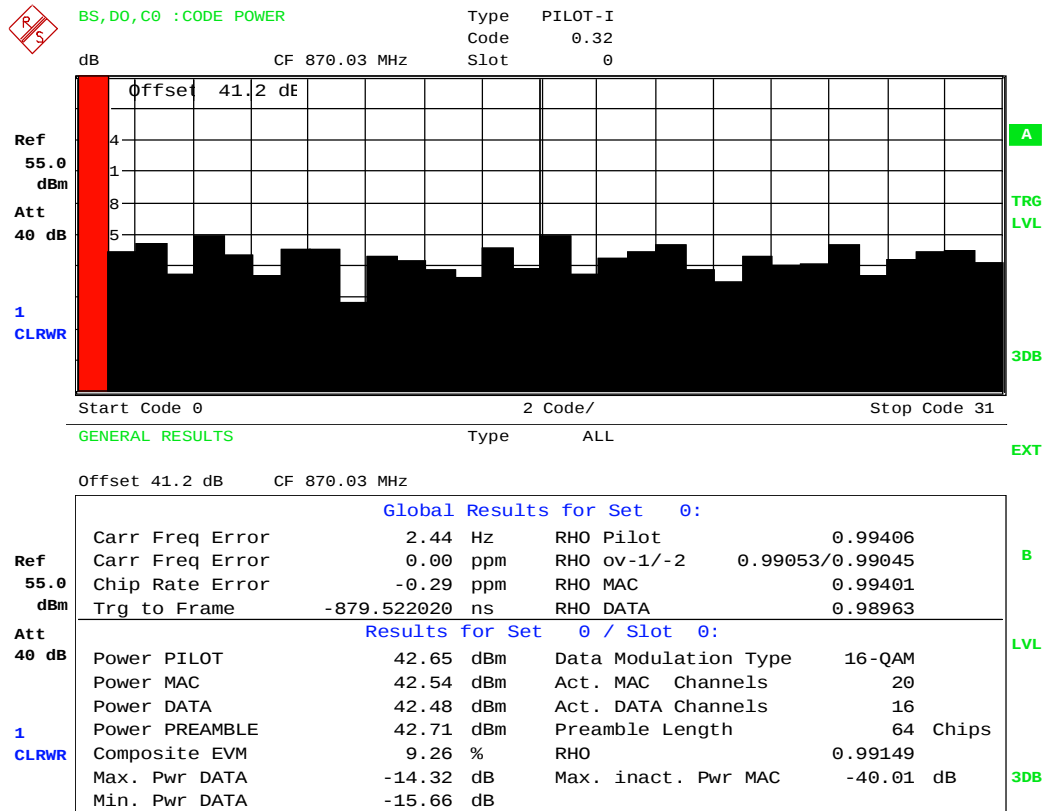
Channel 596



Date: 17.DEC.2010 17:18:56



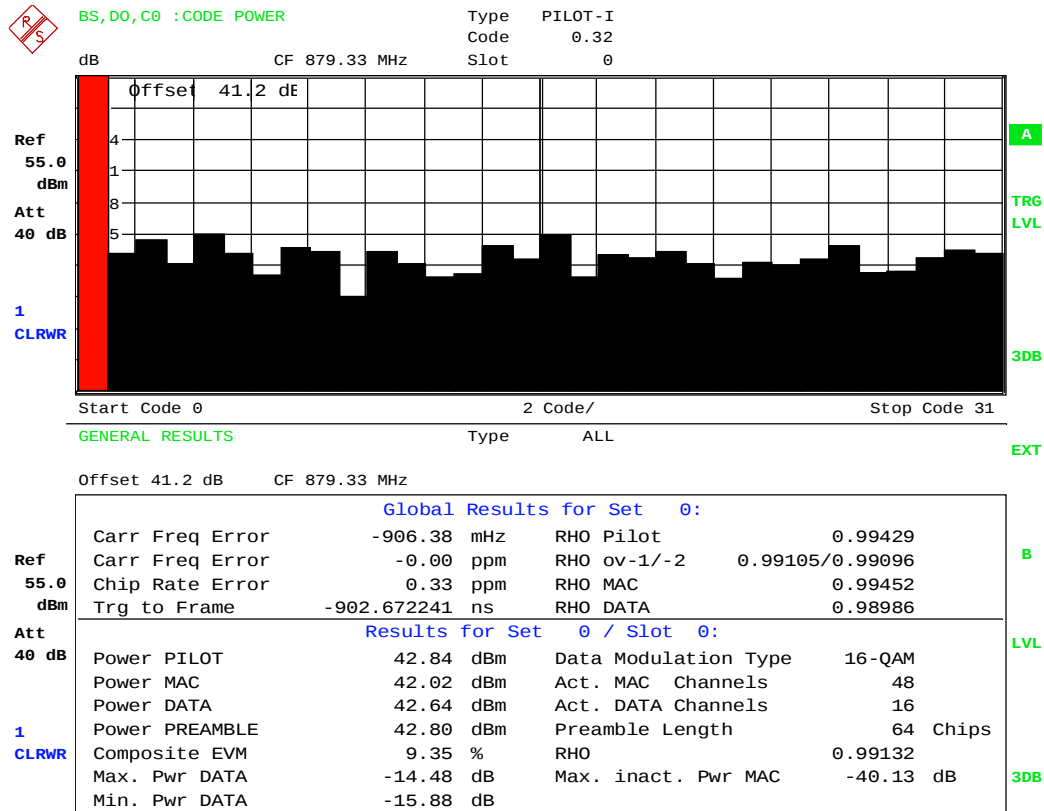
CDMA2000 1X EV-DO: Channel 1



Date: 20.DEC.2010 16:35:28



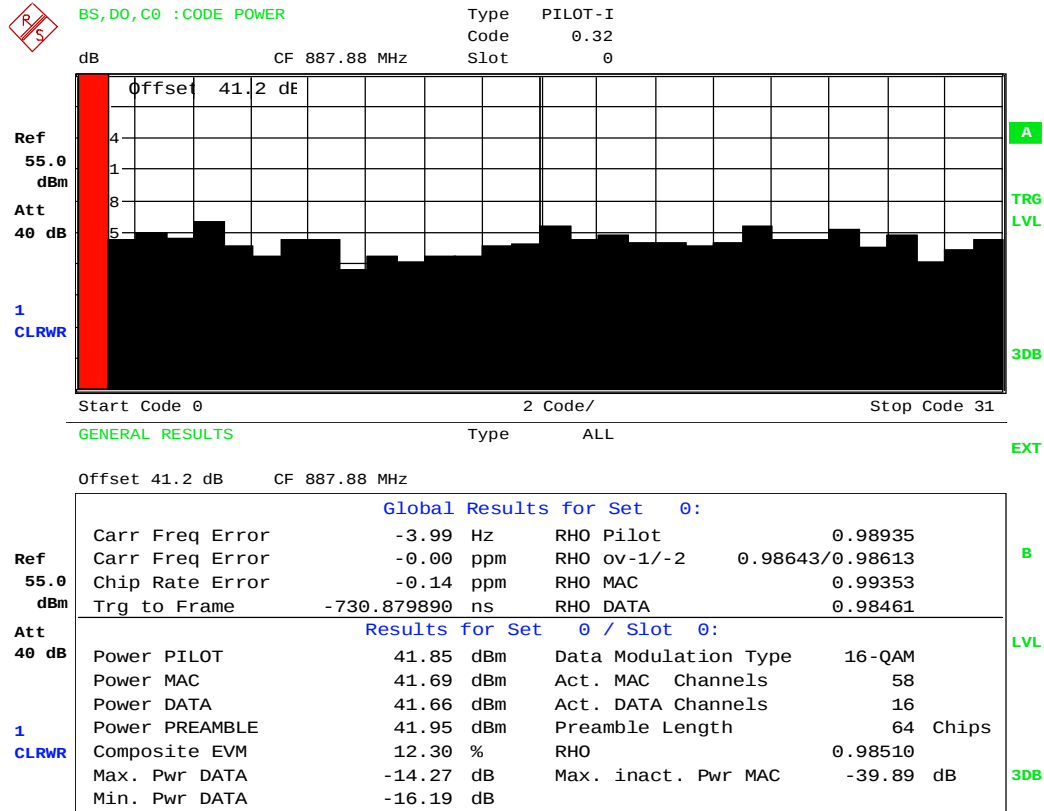
Channel 311



Date: 20.DEC.2010 16:02:41



Channel 596



Date: 20.DEC.2010 16:20:21



Appendix B

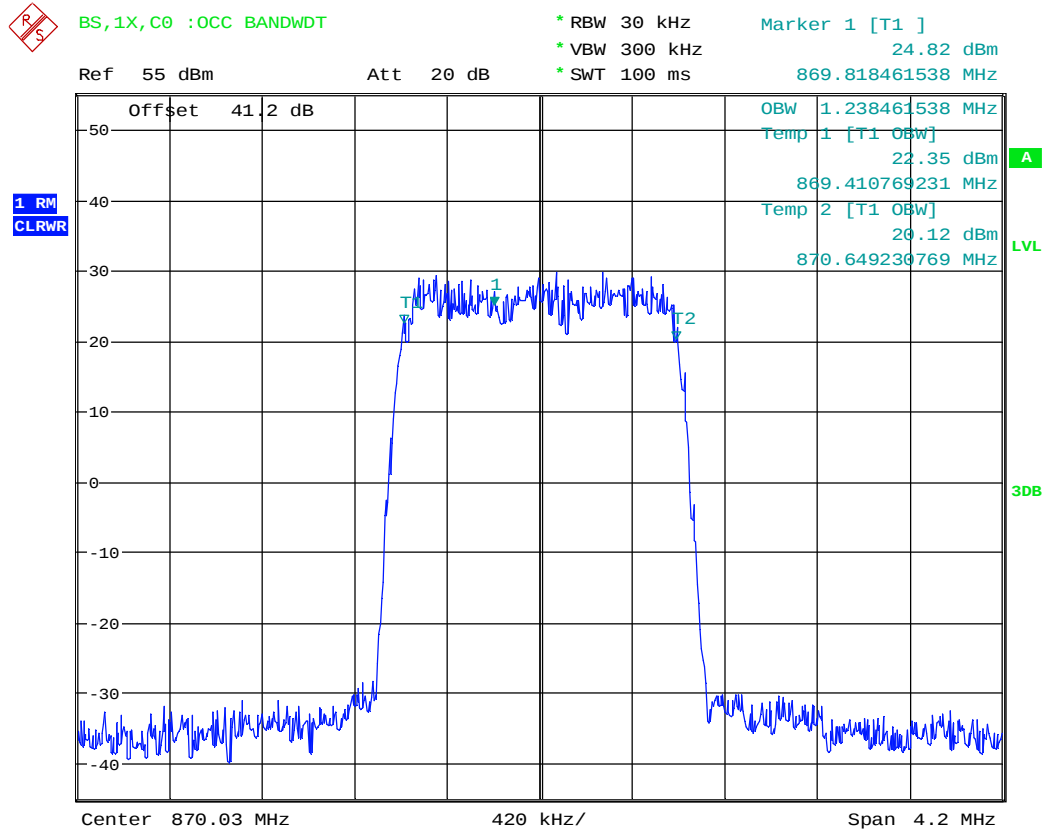
Occupied Bandwidth Measurement

According to CFR 47 (FCC) part 2.1049



CDMA2000 1X

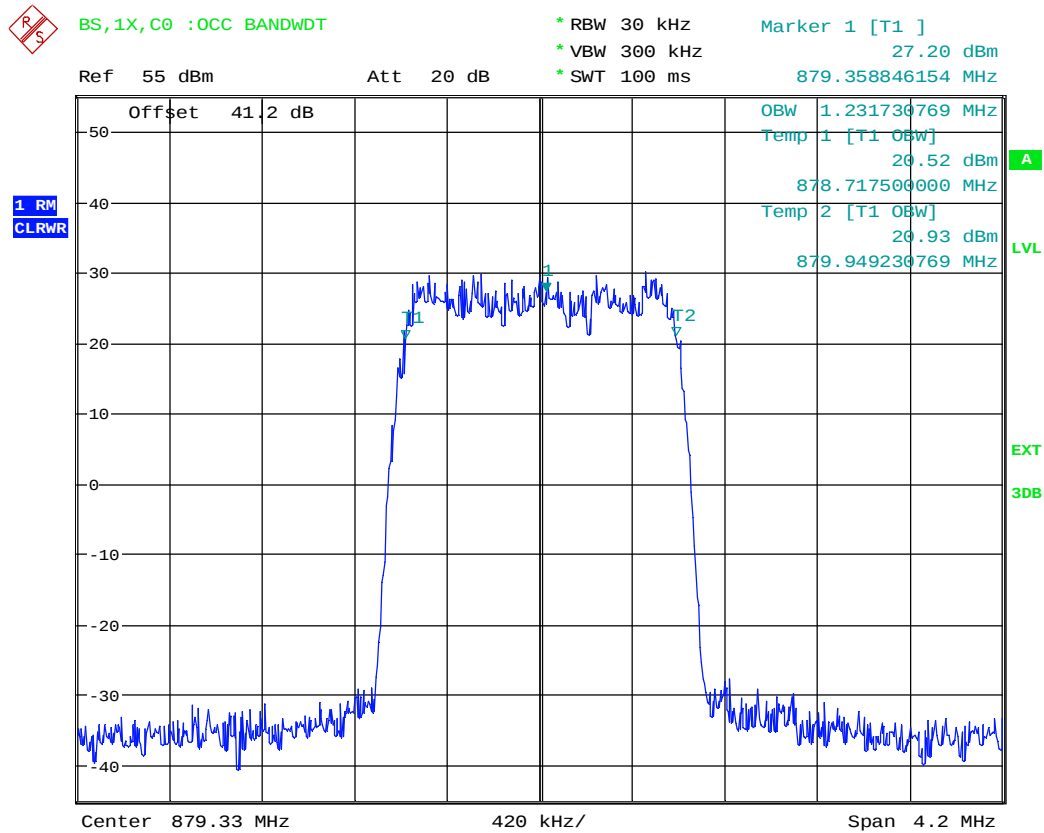
Channel 1



Date: 17.DEC.2010 16:16:29



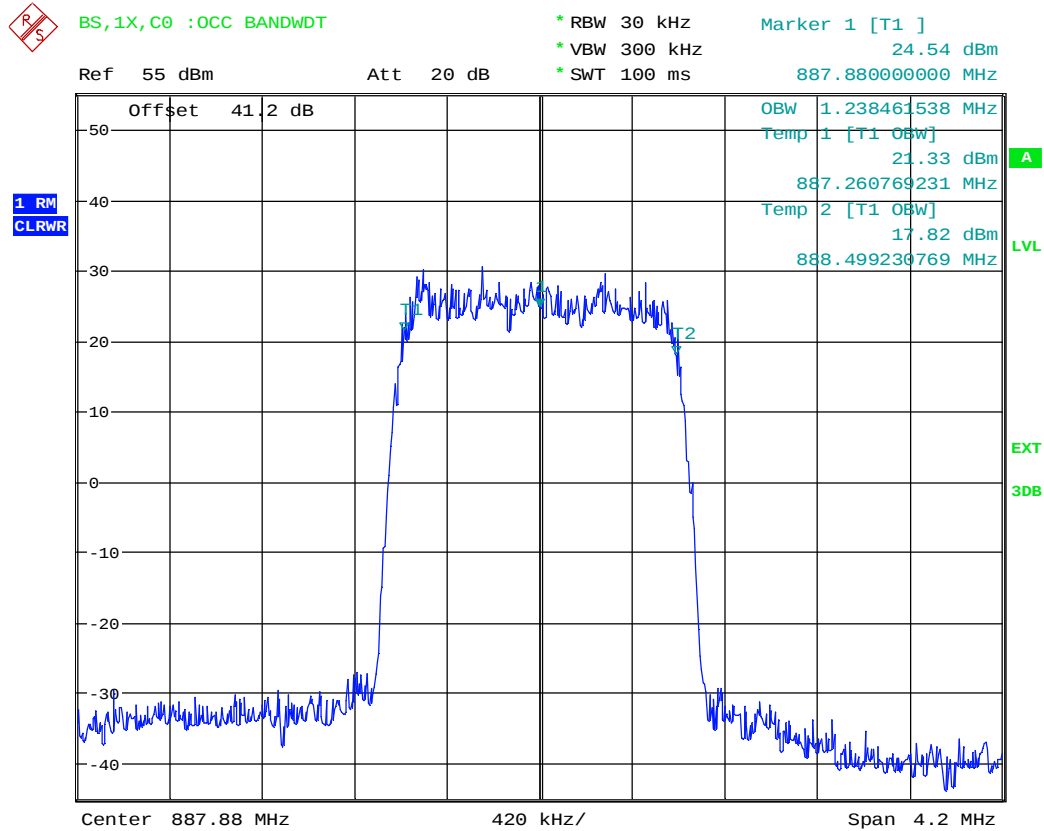
Channel 311



Date: 17.DEC.2010 16:55:54



Channel 596

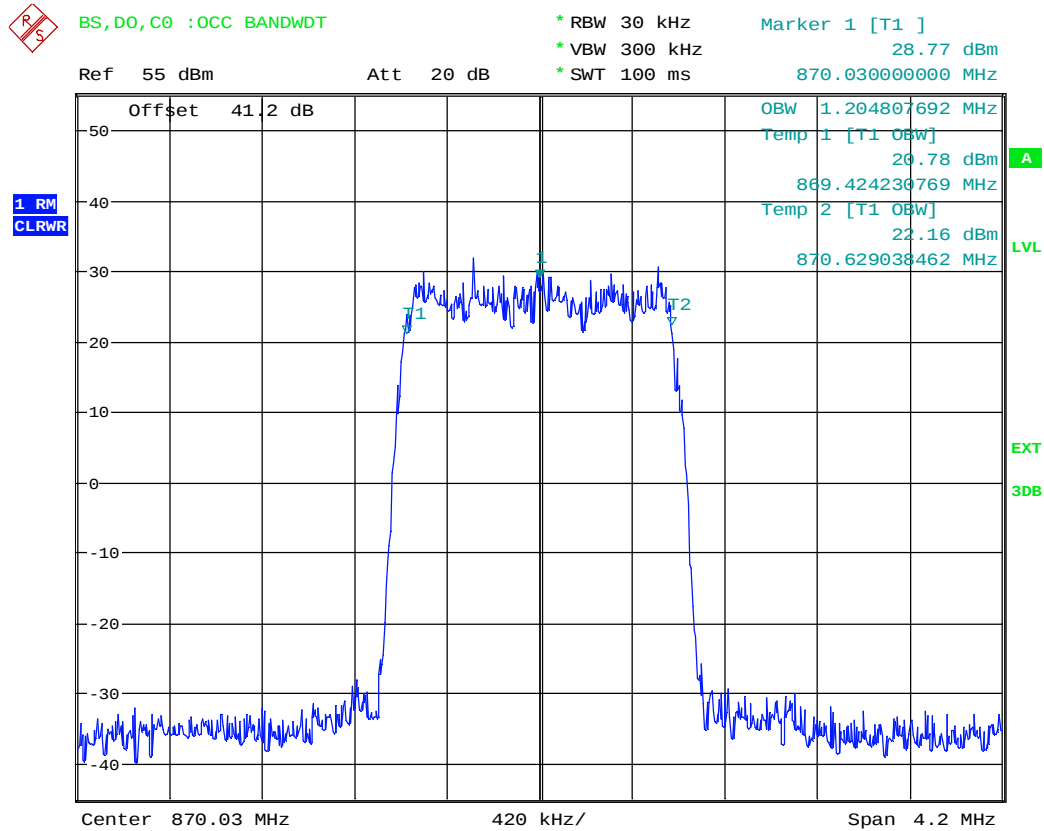


Date: 17.DEC.2010 17:03:53



CDMA2000 1X EV-DO

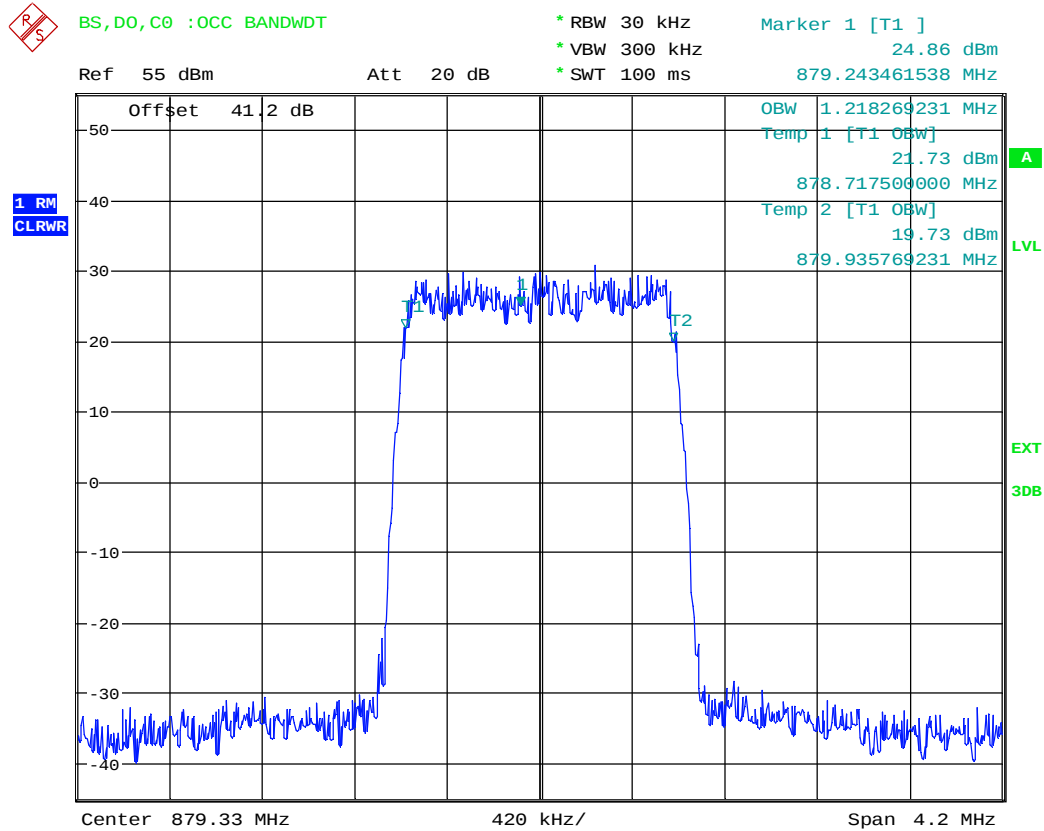
Channel 1



Date: 20.DEC.2010 16:37:27



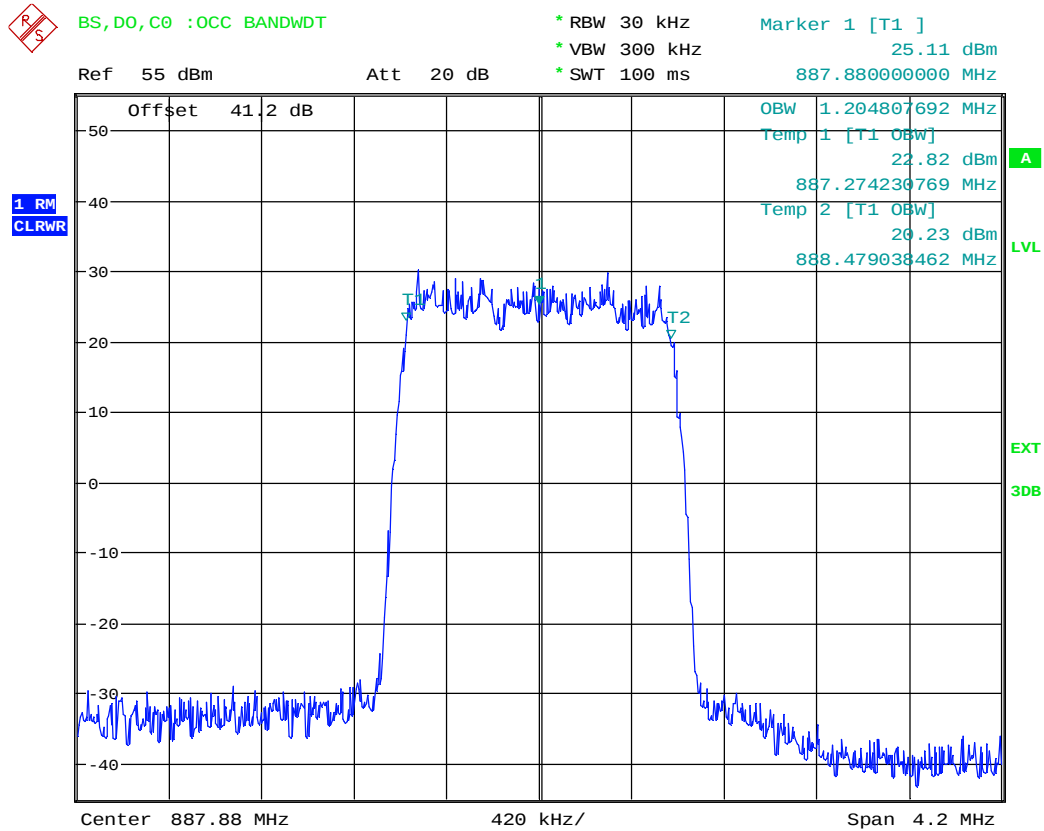
Channel 311



Date: 20.DEC.2010 16:01:29



Channel 596



Date: 20.DEC.2010 16:21:40



Appendix C

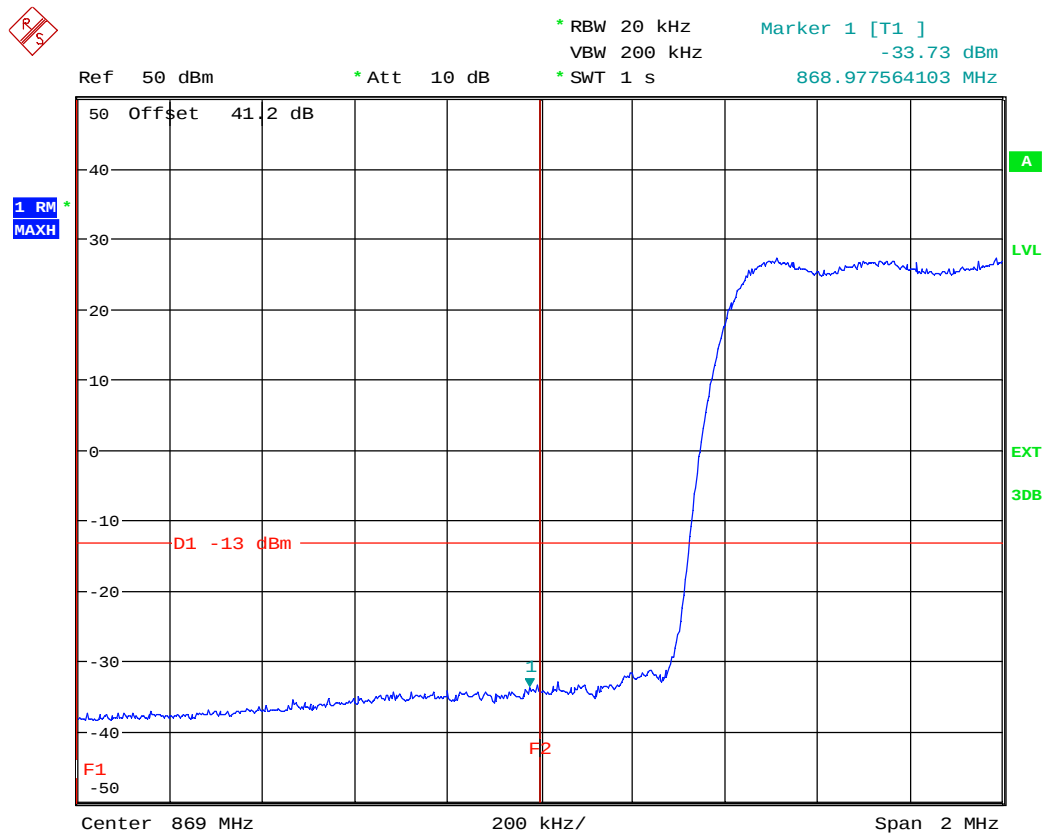
Band Edge Measurements According to FCC Part 2.1051 & 22.917



CDMA2000 1X:

A. Single Carrier:

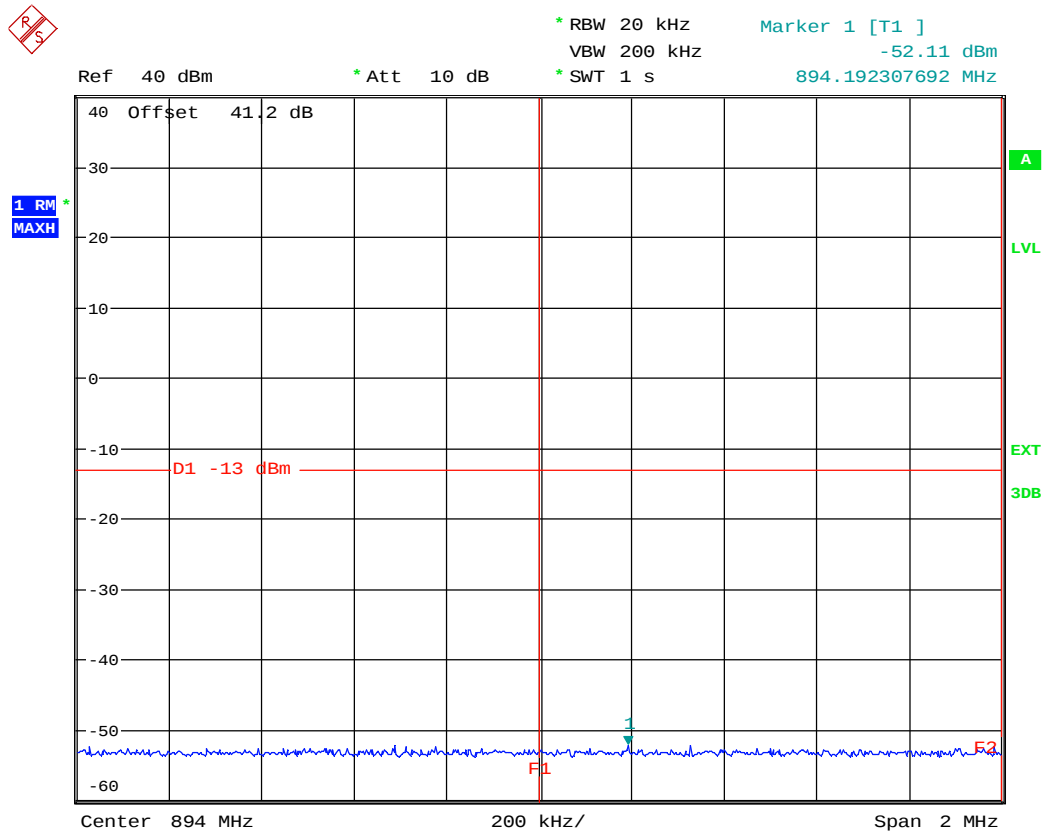
Channel 1 (870.03 MHz)



Date: 17.DEC.2010 16:39:14



Channel 596(887.88 MHz)

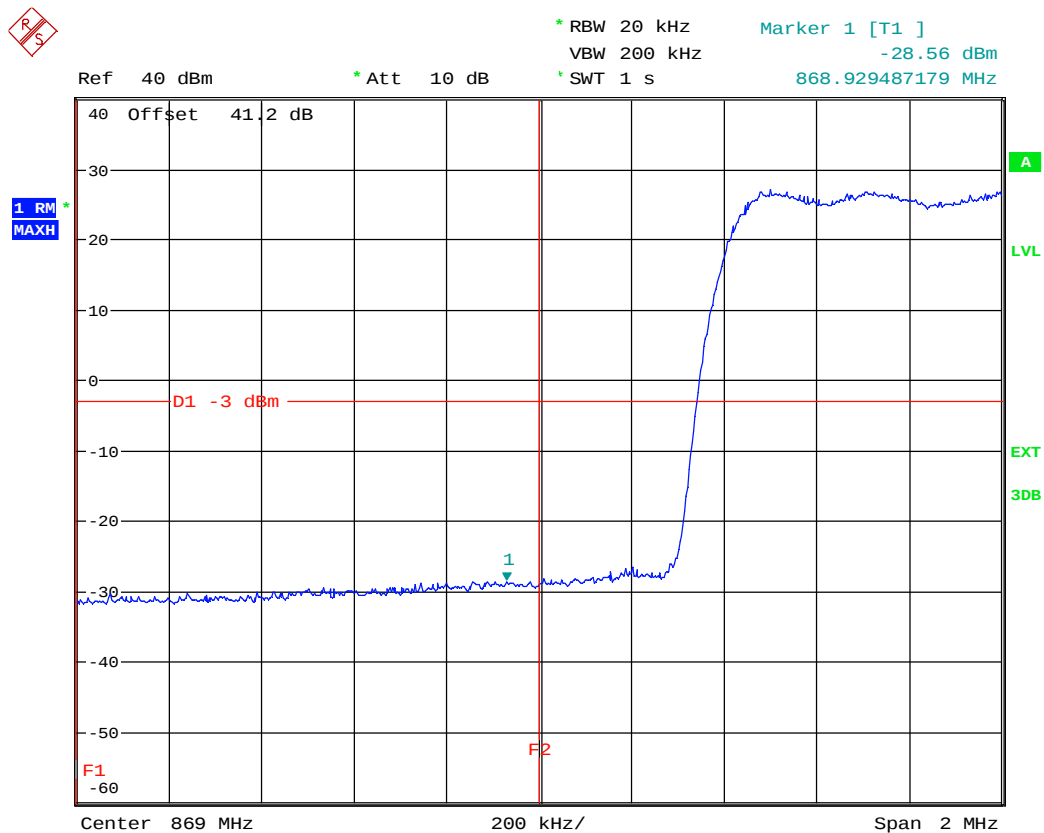


Date: 17.DEC.2010 17:23:40



B. Multiple Carriers:

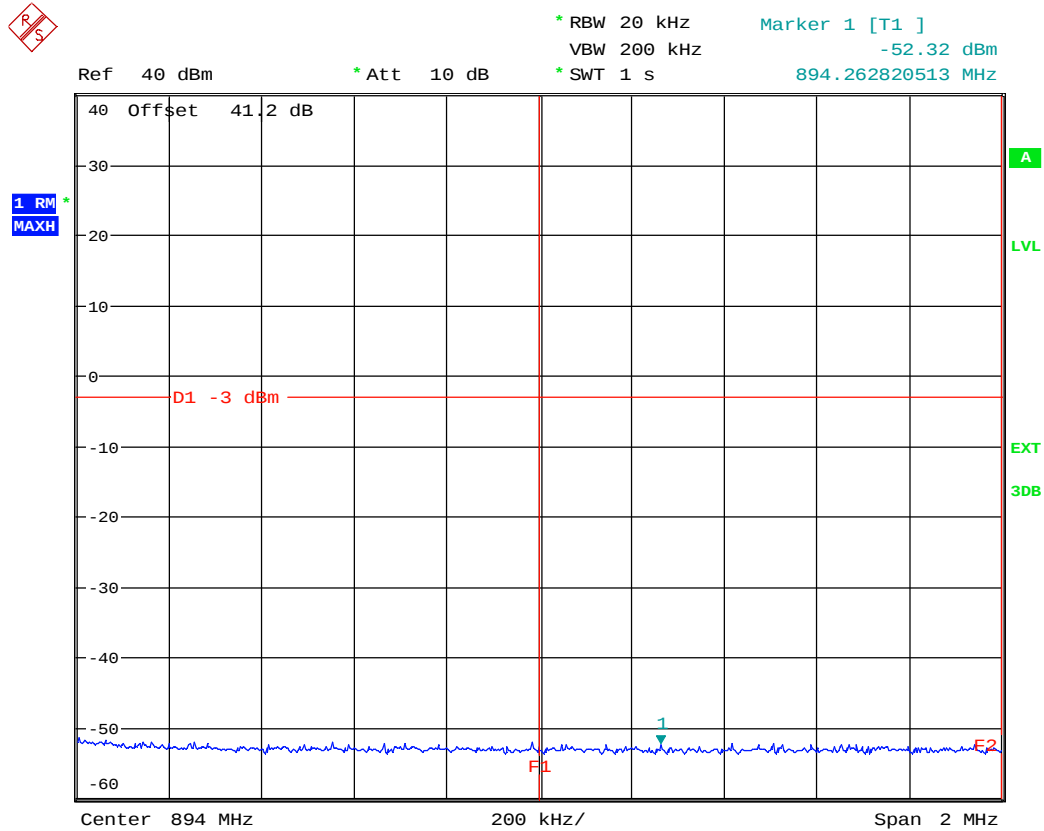
Channel Number: 1/42/83/124



Date: 21.DEC.2010 15:31:22



Channel Number: 473/514/555/596

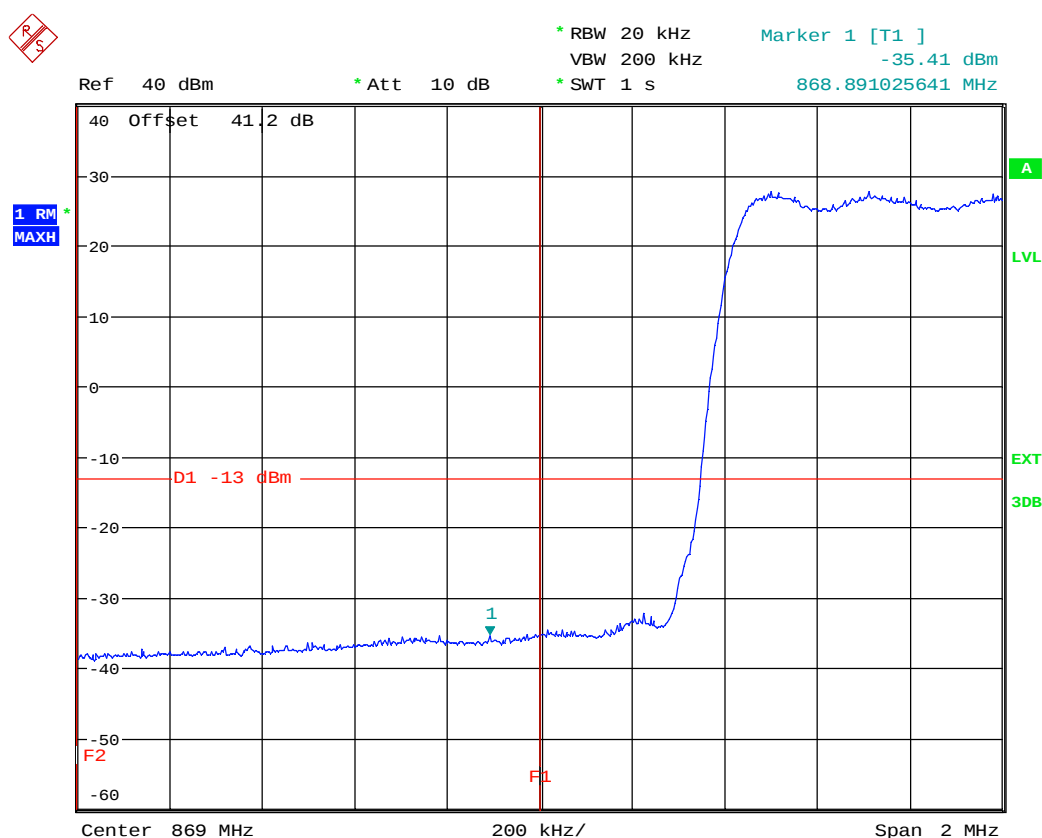


Date: 21.DEC.2010 15:33:30

CDMA2000 EVDO:

A. Single Carrier:

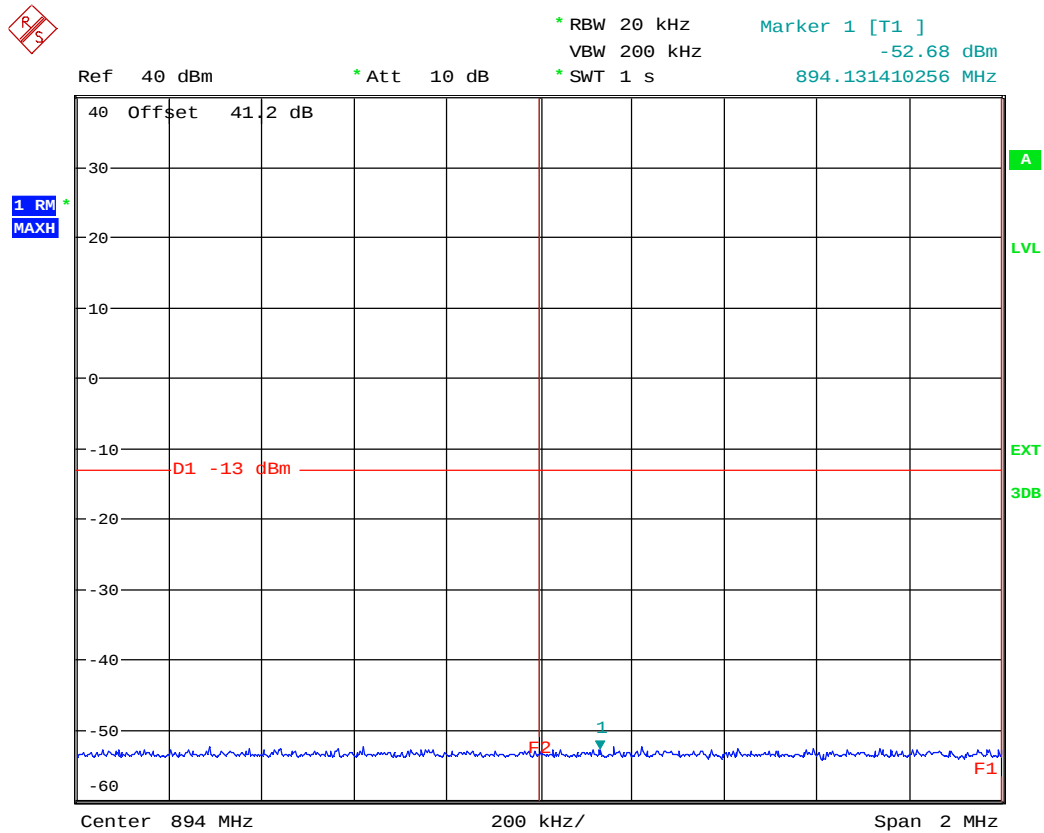
Channel 1 (870.03 MHz)



Date: 20.DEC.2010 16:31:09



Channel 596 (887.88 MHz)

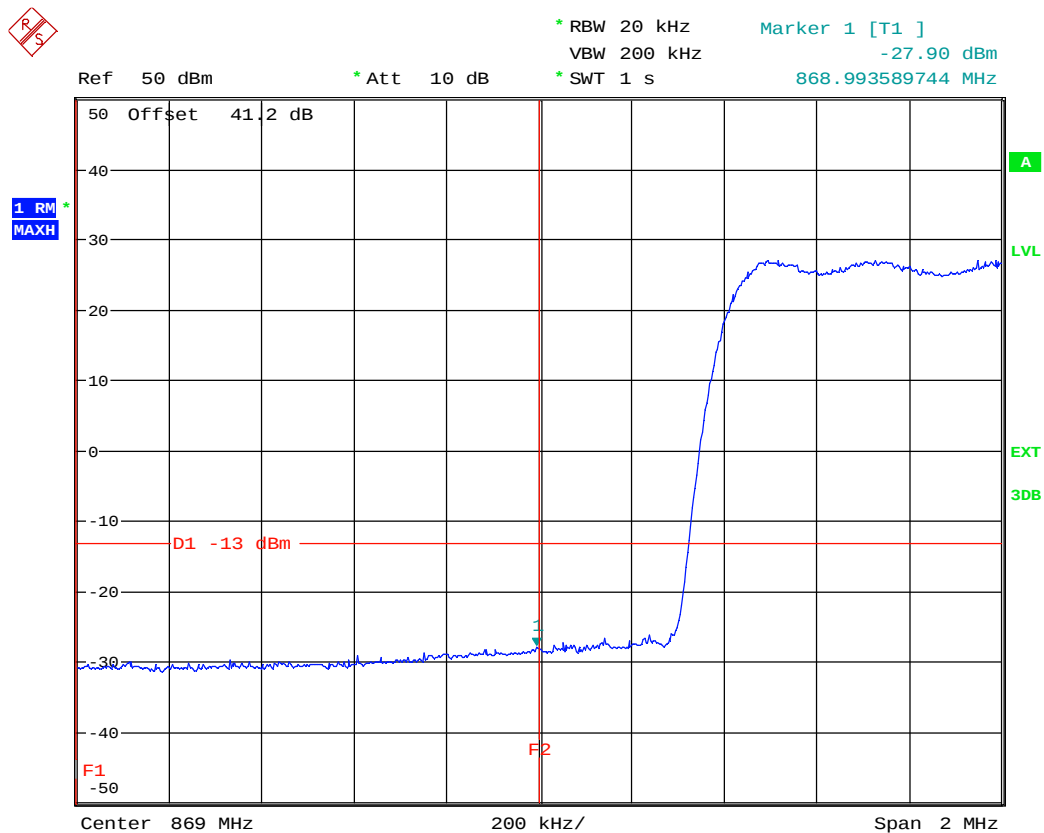


Date: 20.DEC.2010 16:26:45



B. Multiple Carriers:

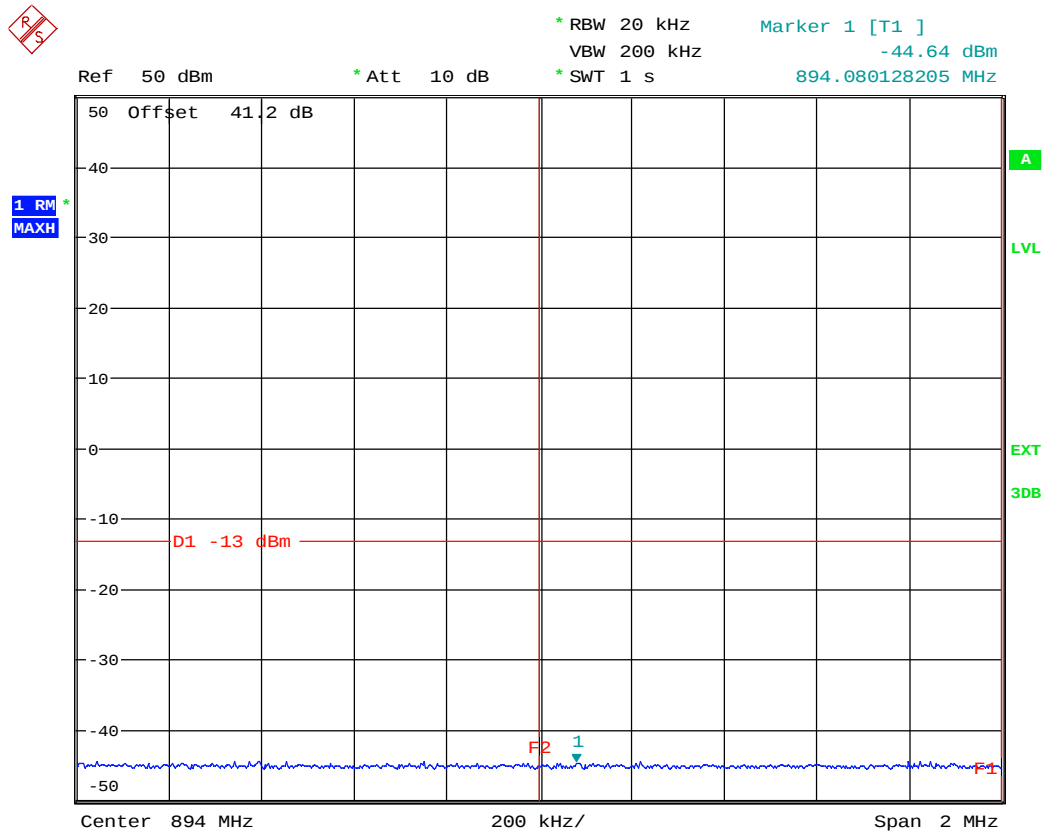
Channel Number: 1/42/83/124



Date: 21.DEC.2010 11:08:07



Channel Number:473/514/555/596



Date: 21.DEC.2010 11:13:08



Appendix D

Conducted Spurious Emission Measurements

According to FCC Part 2.1051 & 22.917

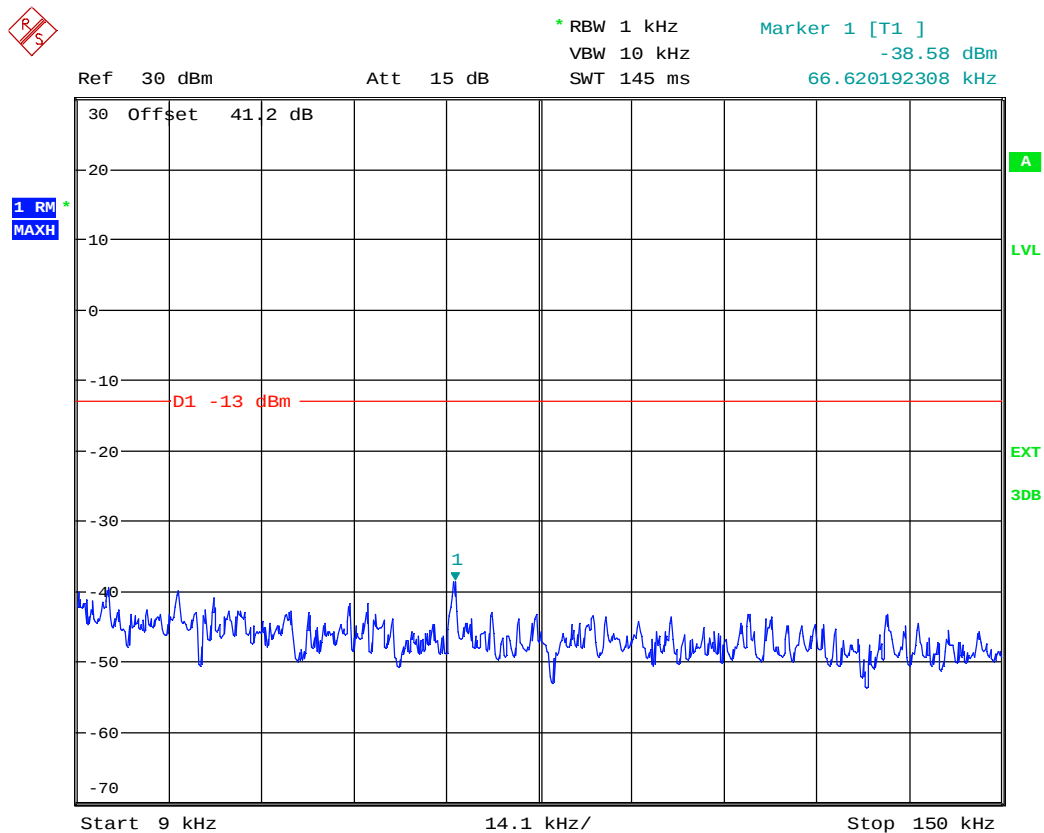


CDMA2000 1X:

A. Single Carrier

Channel Number: 1

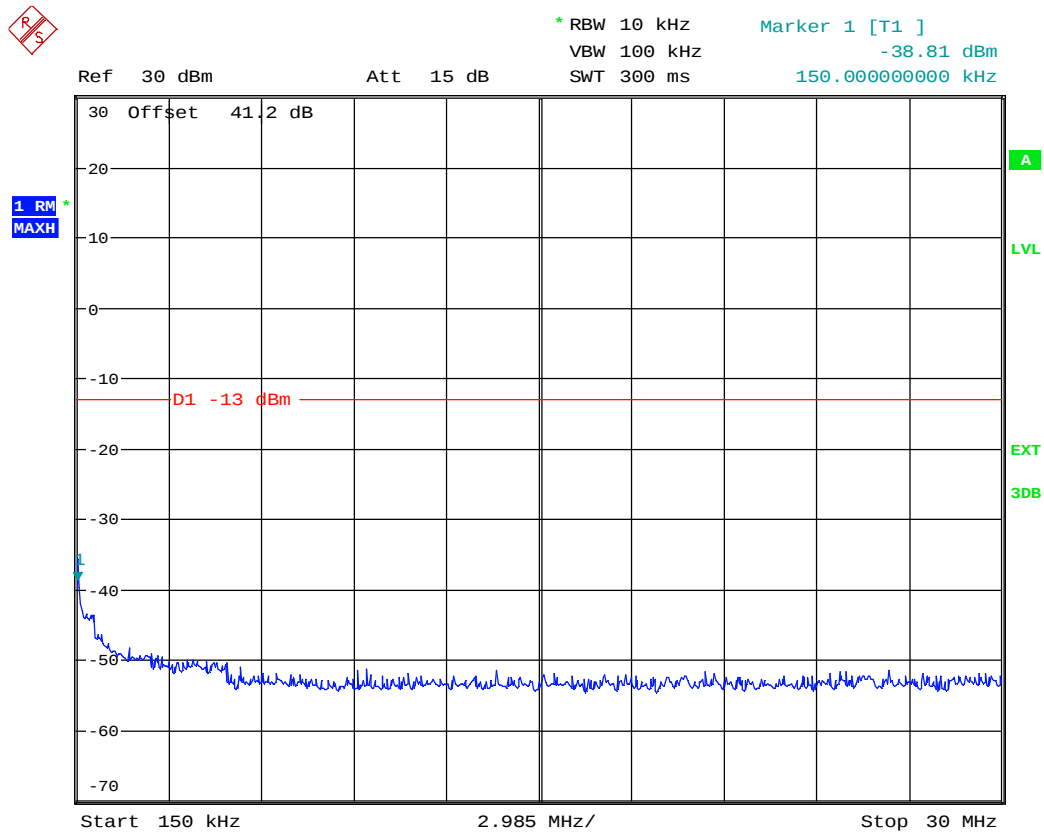
(9k ~ 150k)



Date: 20.DEC.2010 10:51:59



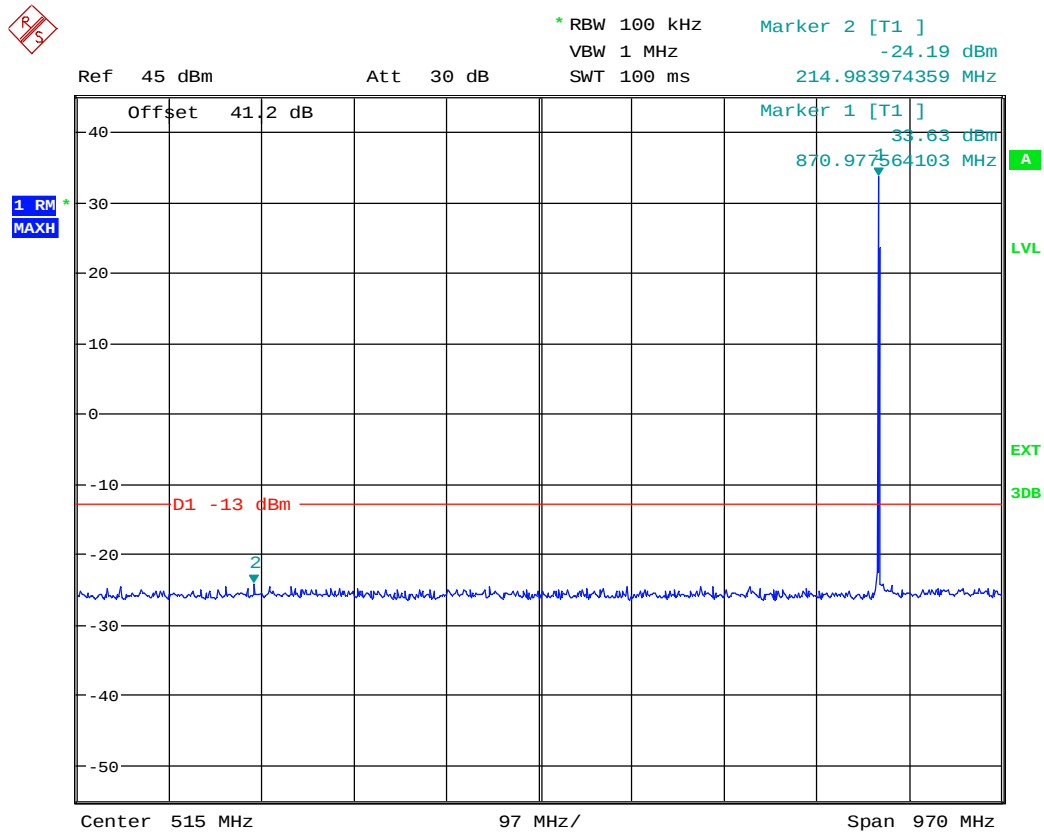
(150k ~ 30M)



Date: 20.DEC.2010 10:51:24



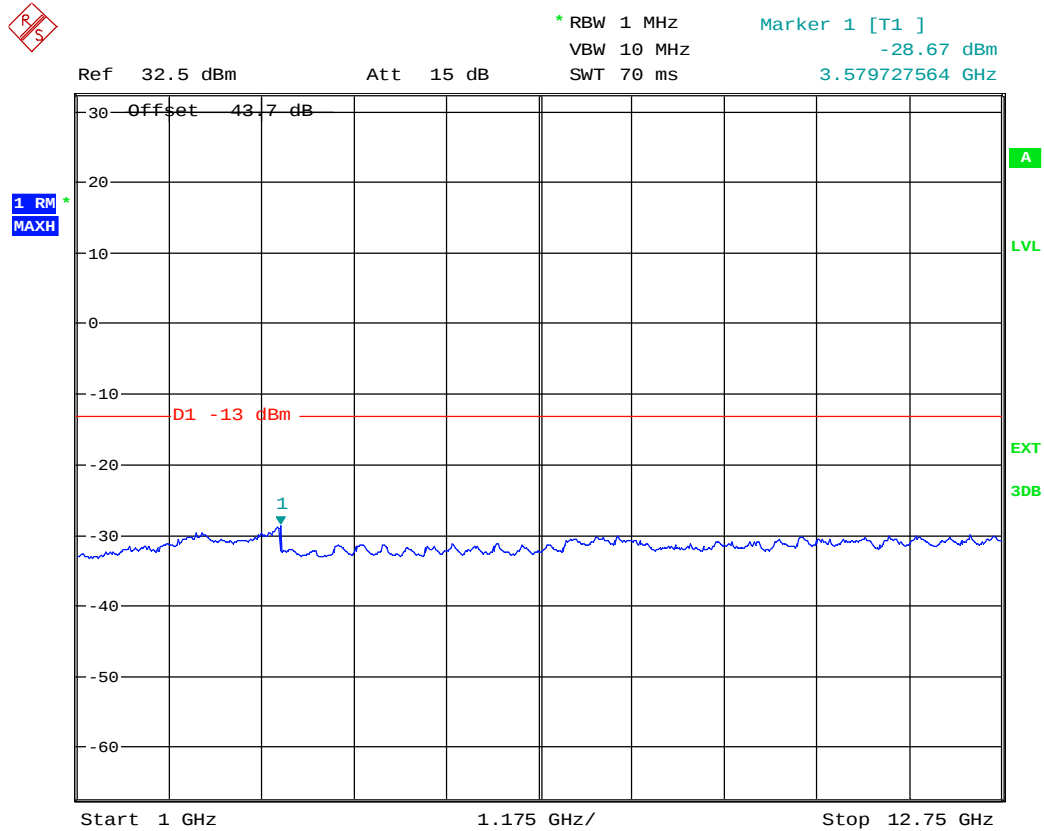
(30M ~ 1G)



Date: 20.DEC.2010 10:49:32



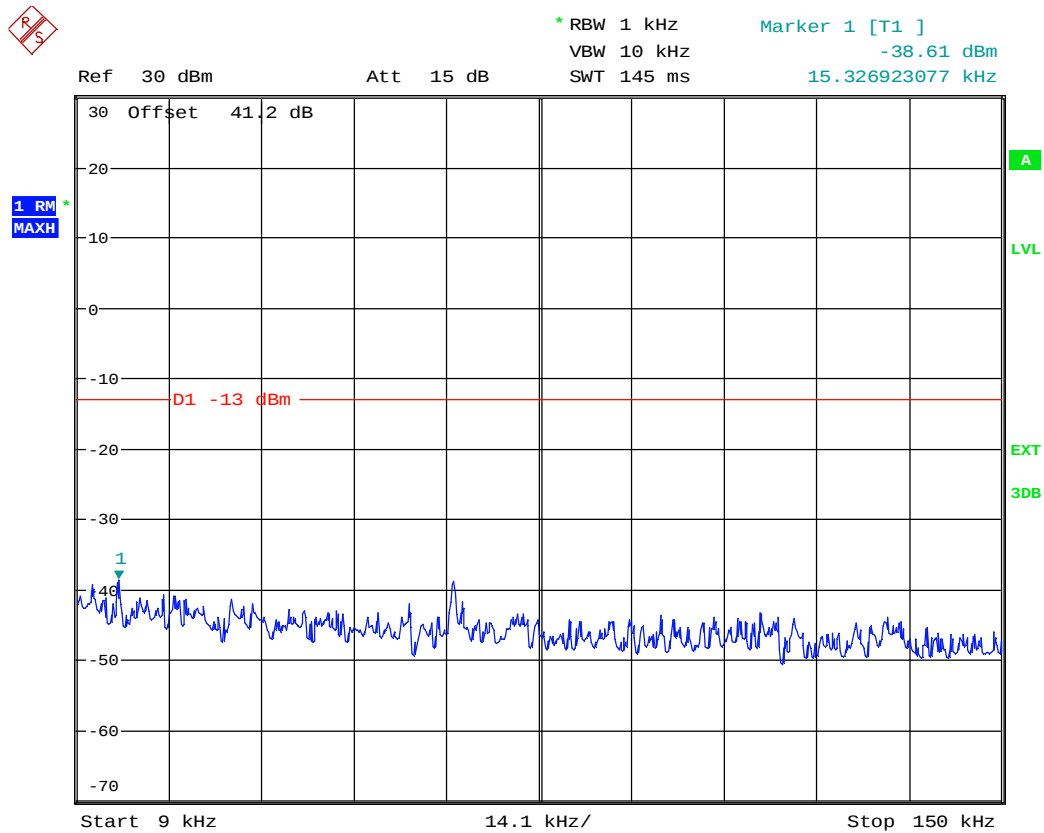
(1G ~ 12.75G)



Date: 20.DEC.2010 10:44:37



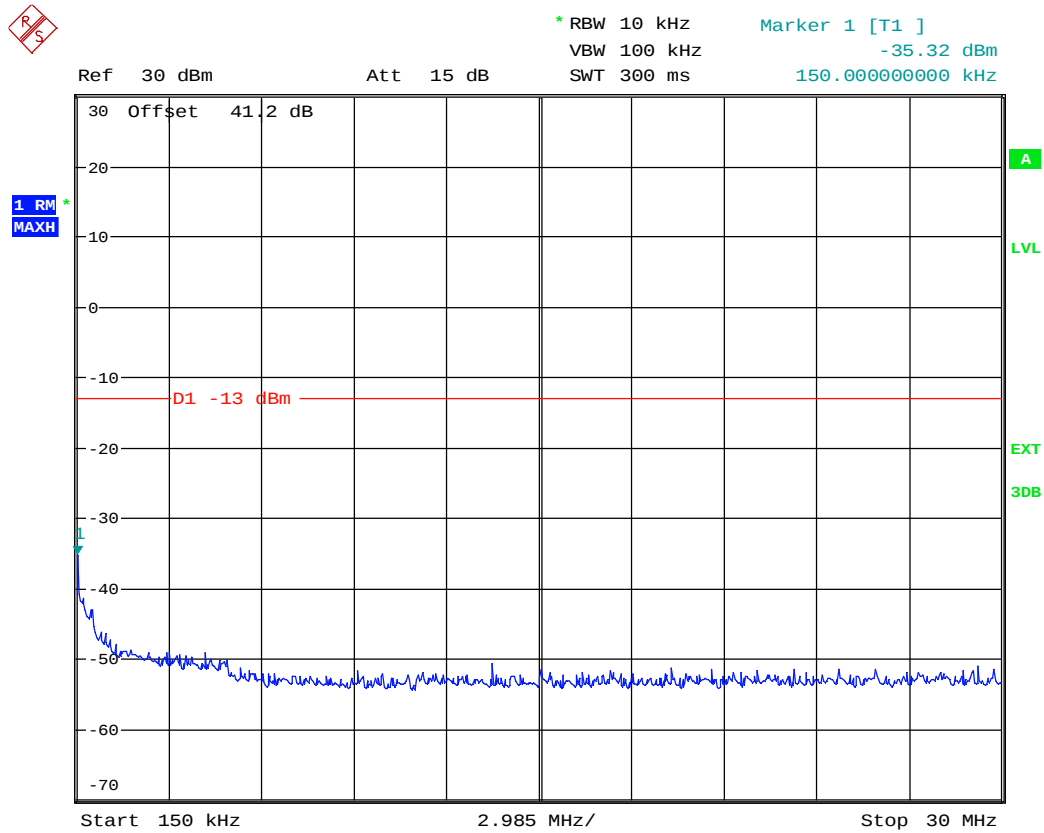
Channel Number: 311 (9k ~ 150k)



Date: 20.DEC.2010 10:19:32



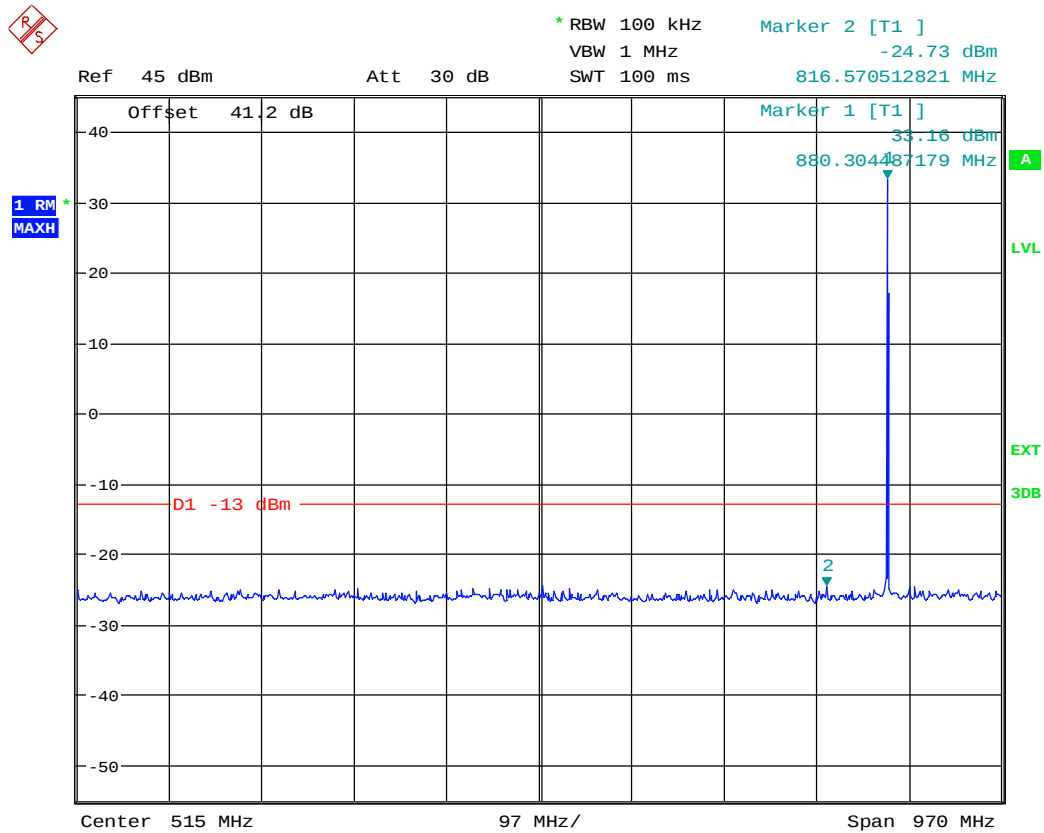
(150k ~ 30M)



Date: 20.DEC.2010 10:18:39



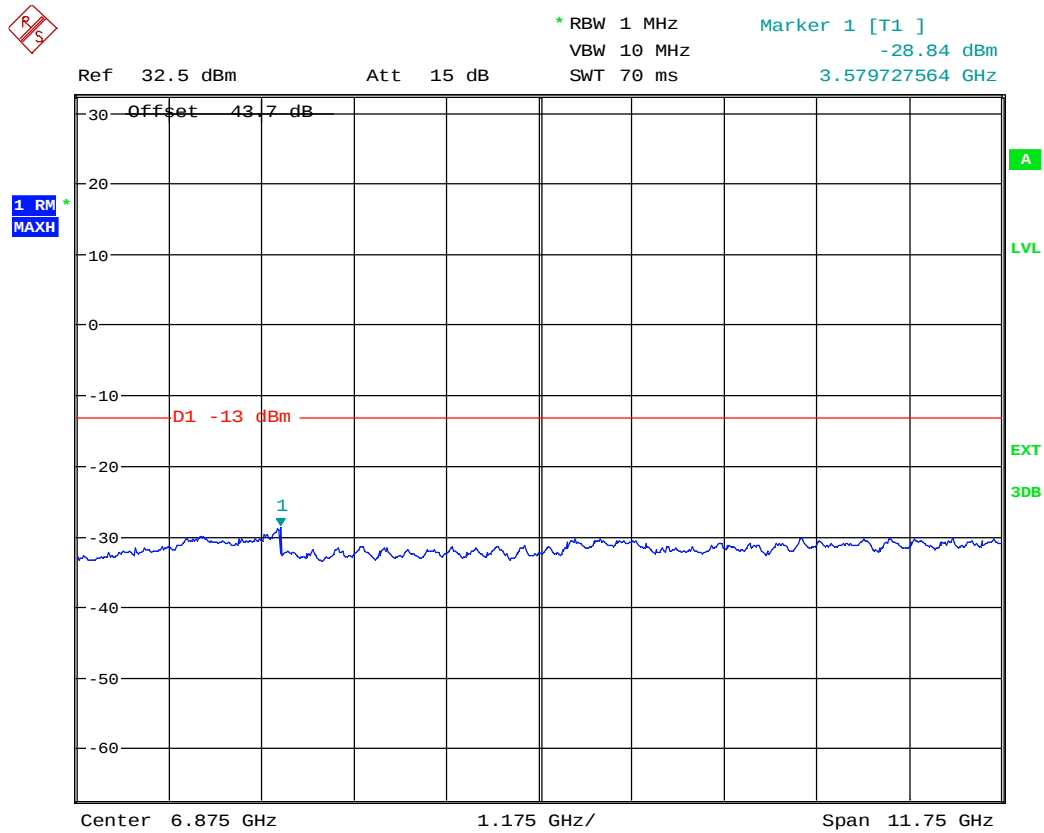
(30M ~ 1G)



Date: 20.DEC.2010 10:36:02

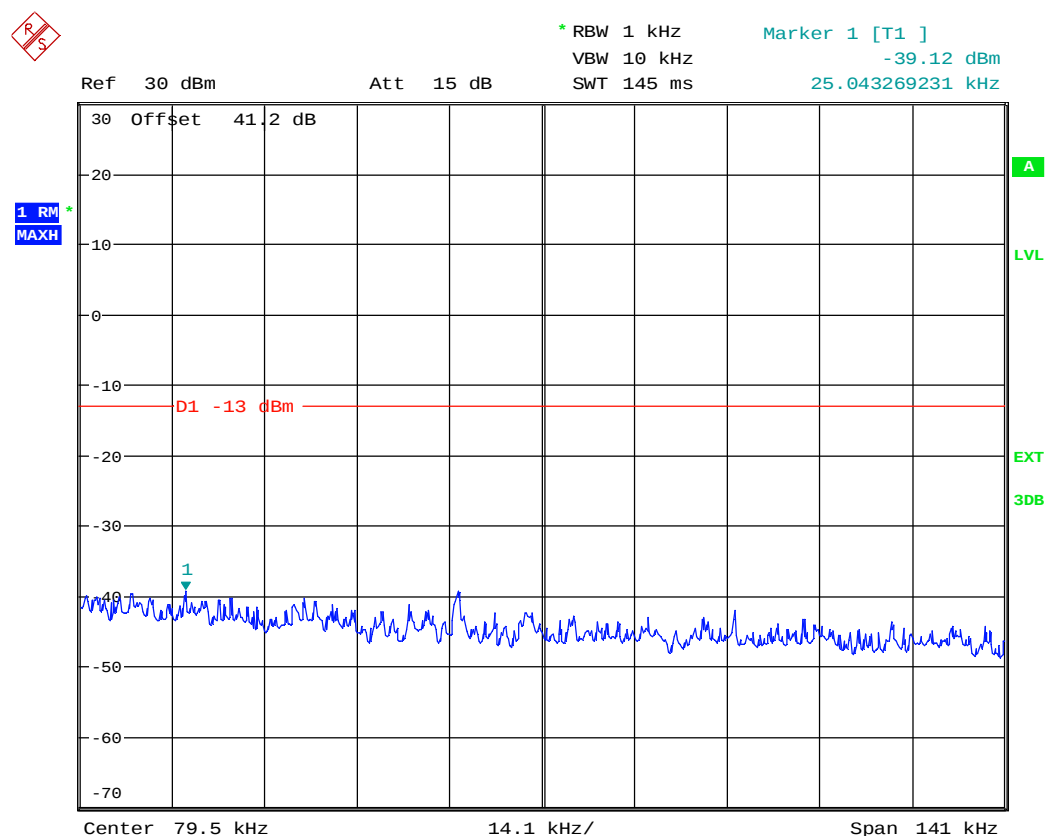


(1G ~ 12.75G)



Date: 20.DEC.2010 10:45:10

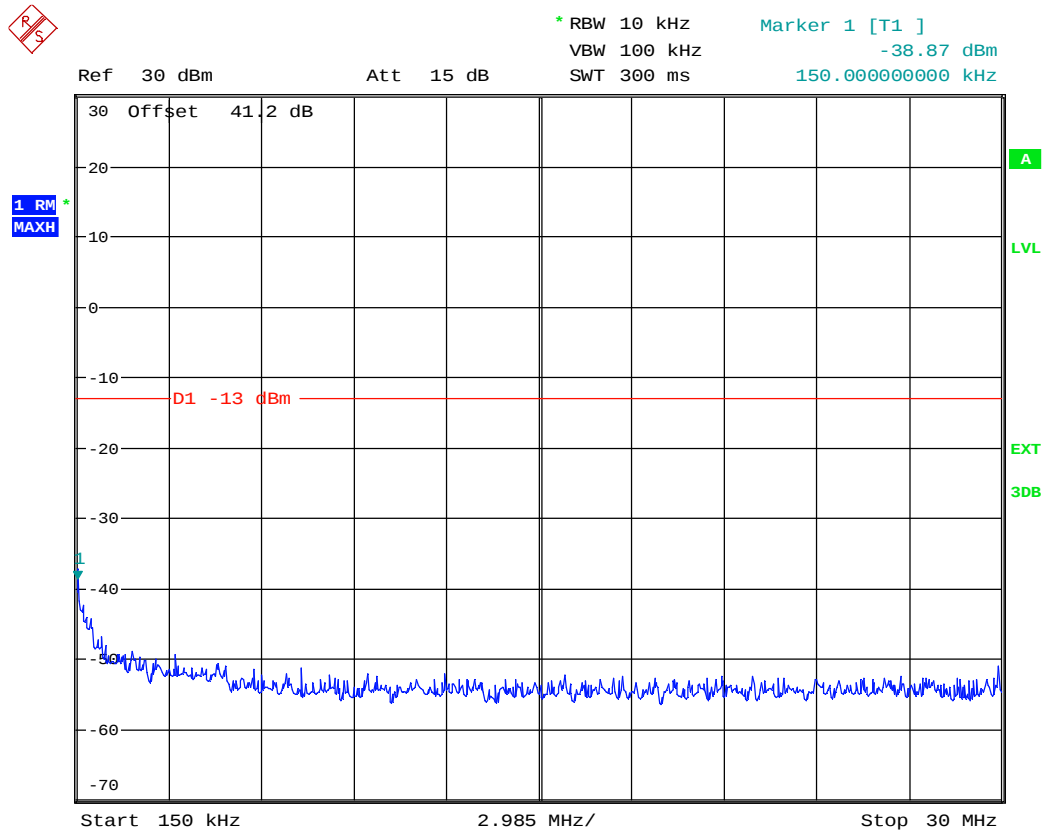
Channel Number: 596
(9k ~ 150k)



Date: 20.DEC.2010 11:00:34



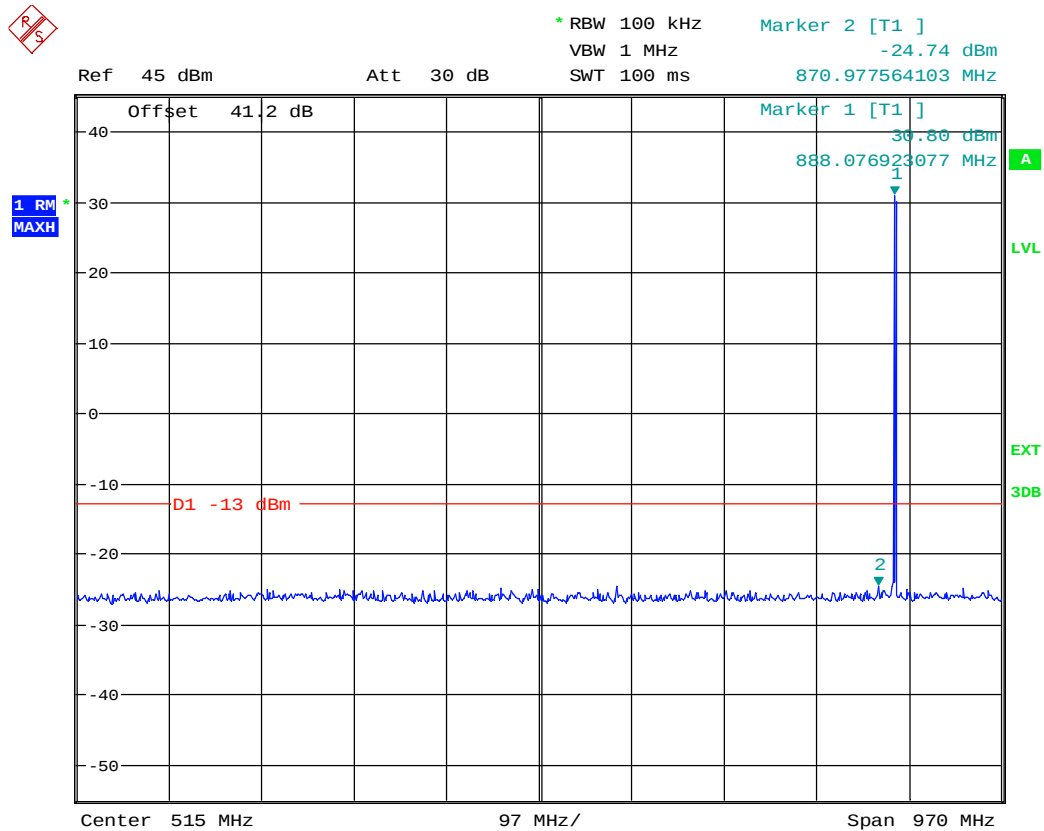
(150k ~ 30M)



Date: 20.DEC.2010 11:01:13



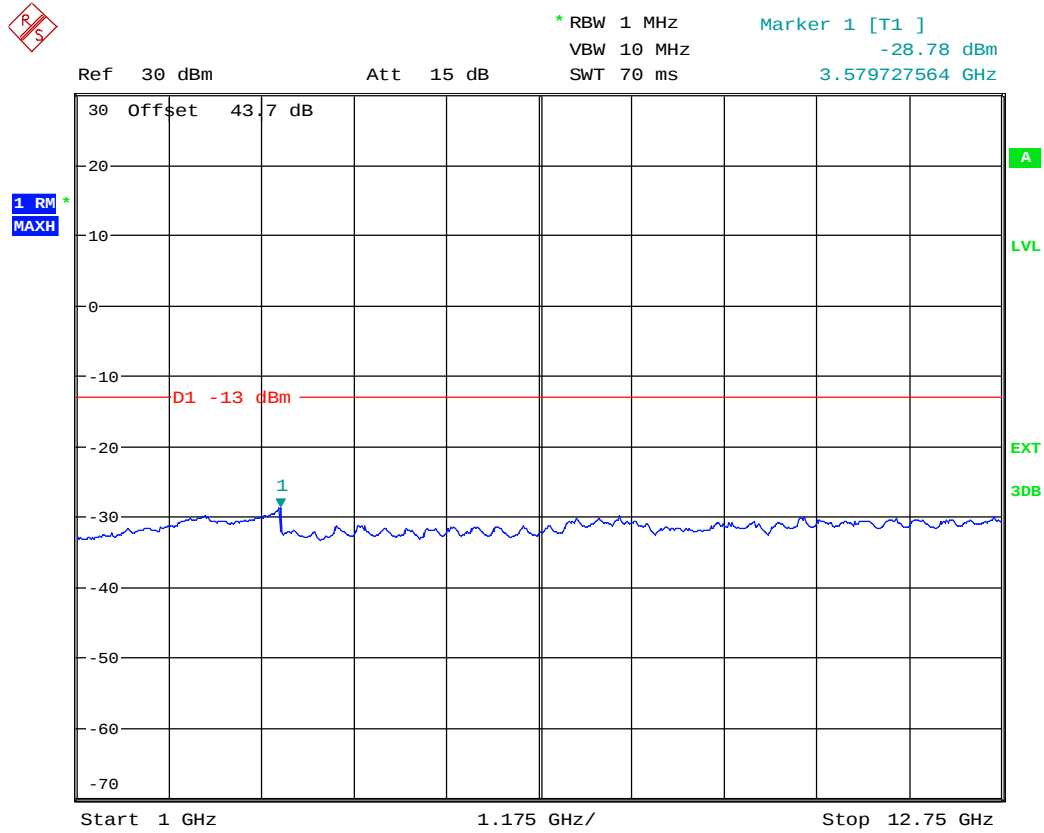
(30M ~ 1G)



Date: 20.DEC.2010 11:02:46



(1G ~ 12.75G)

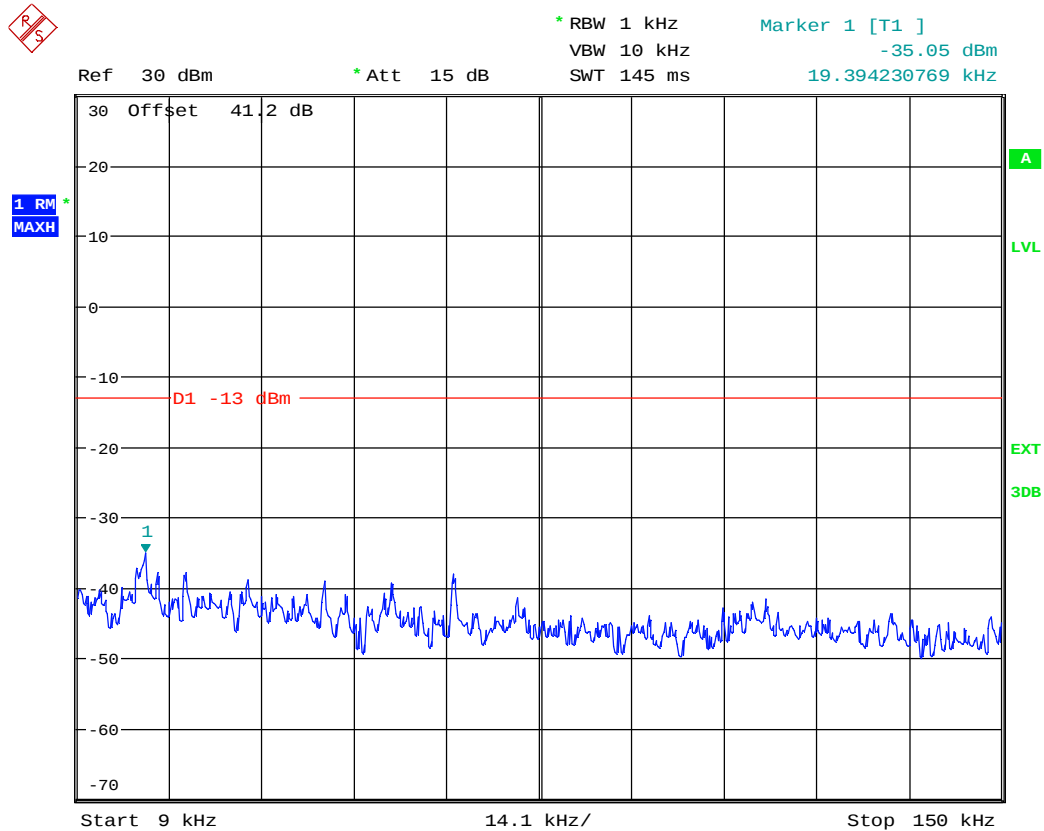


Date: 20.DEC.2010 11:04:44



B. Multiple Carriers:

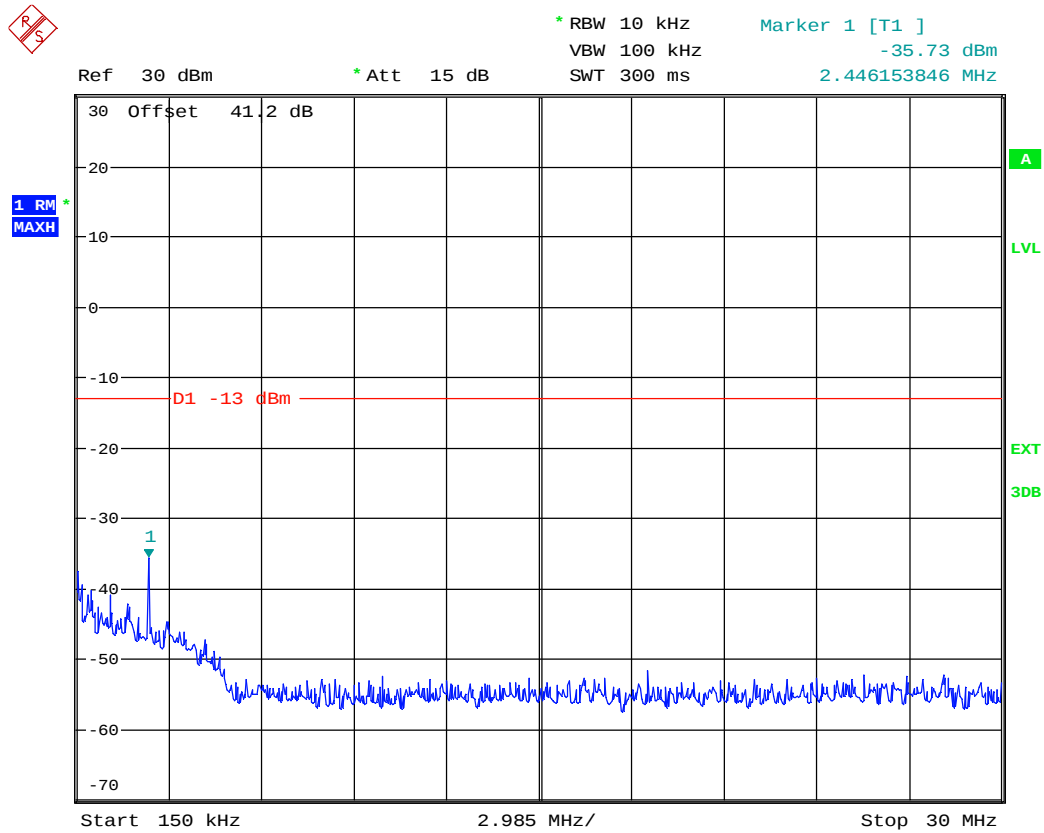
Channel Number: 1/42/83/124
(9k ~ 150k)



Date: 20.DEC.2010 14:26:57

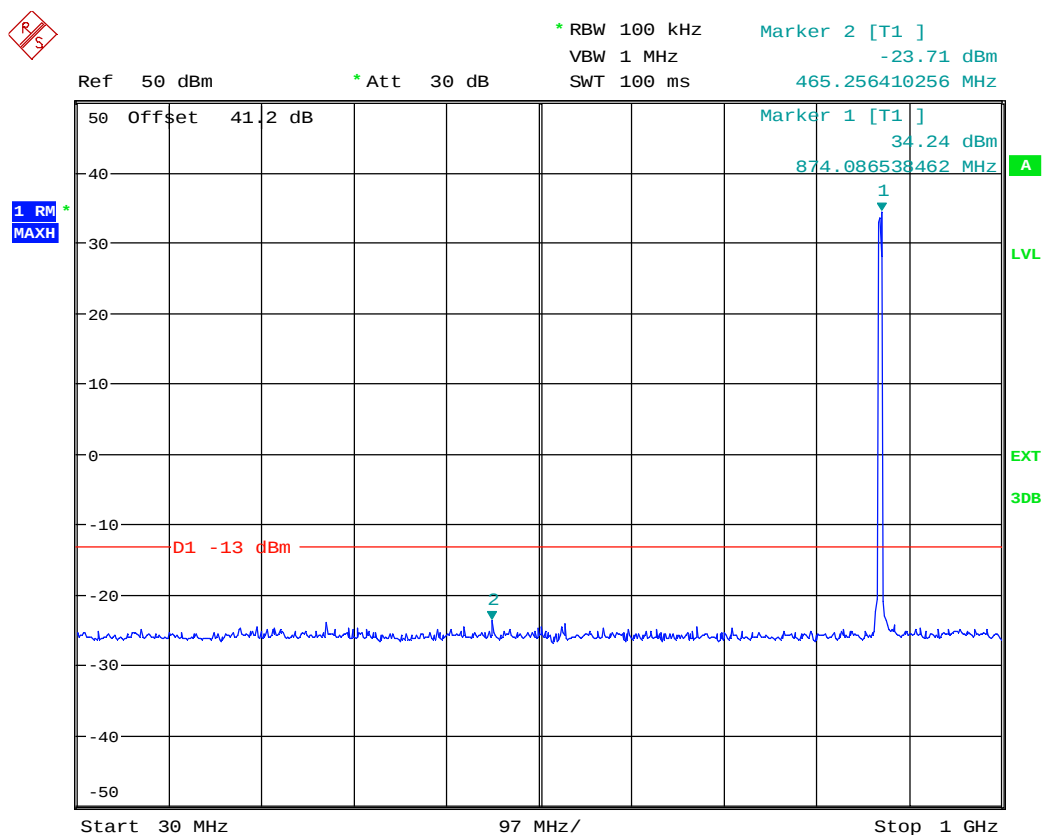


(150k ~ 30M)



Date: 20.DEC.2010 14:27:49

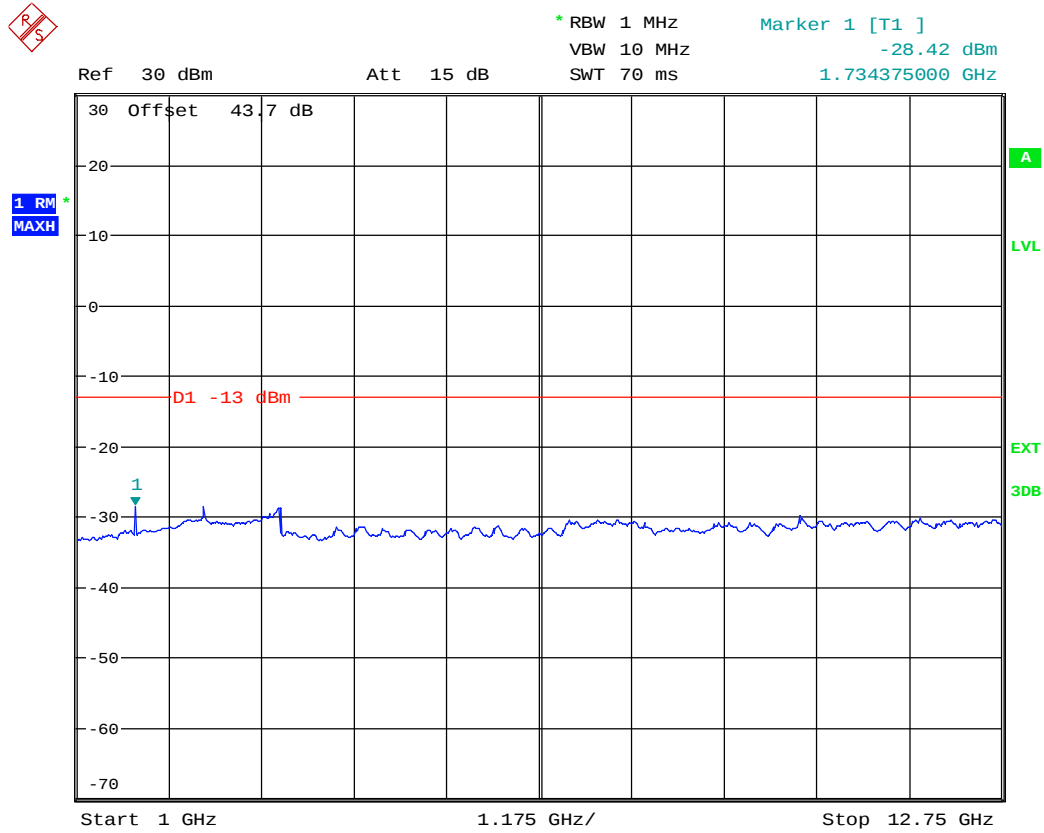
(30M ~ 1G)



Date: 20.DEC.2010 14:29:46



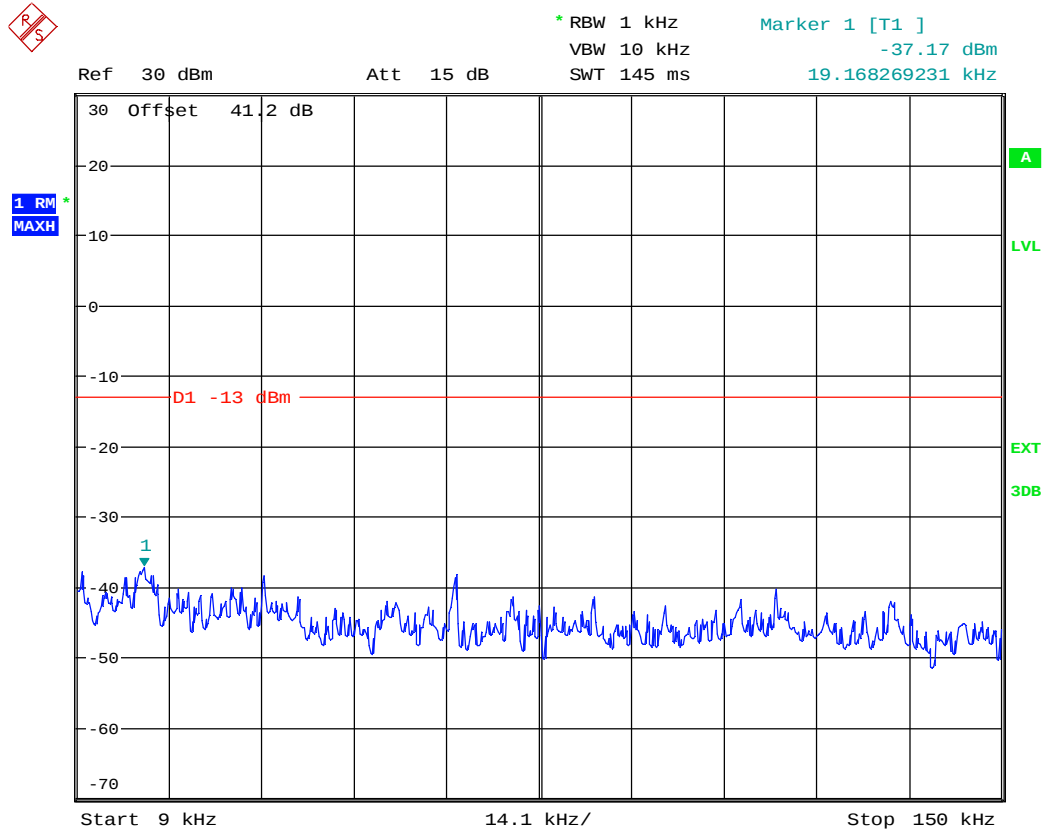
(1G ~ 12.75G)



Date: 20.DEC.2010 14:31:15

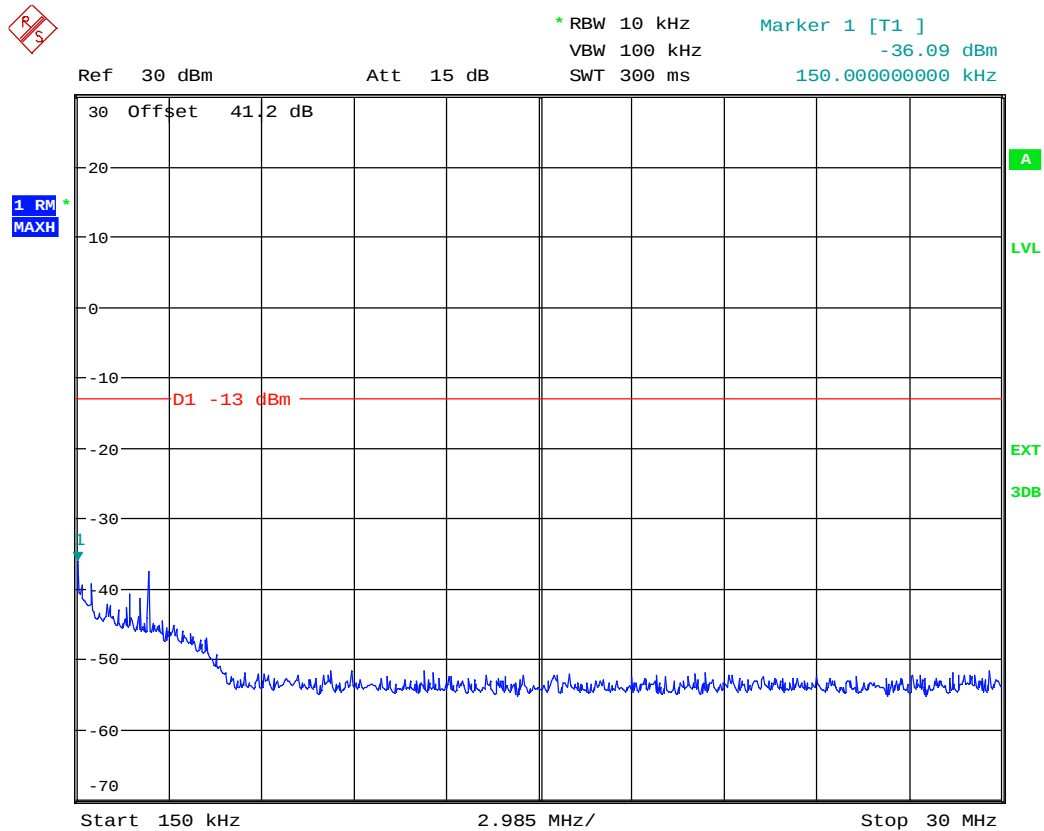


Channel Number: 270/311/352/393 (9k ~ 150k)



Date: 20.DEC.2010 14:38:50

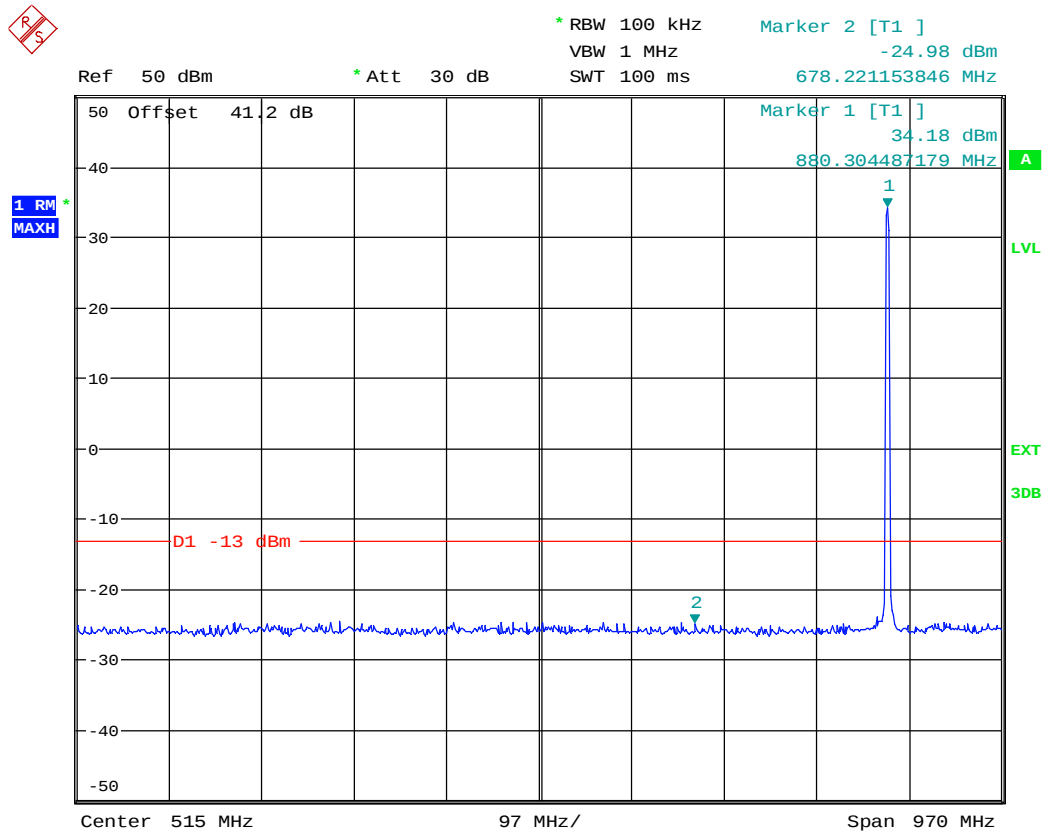
(150k ~ 30M)



Date: 20.DEC.2010 14:38:13



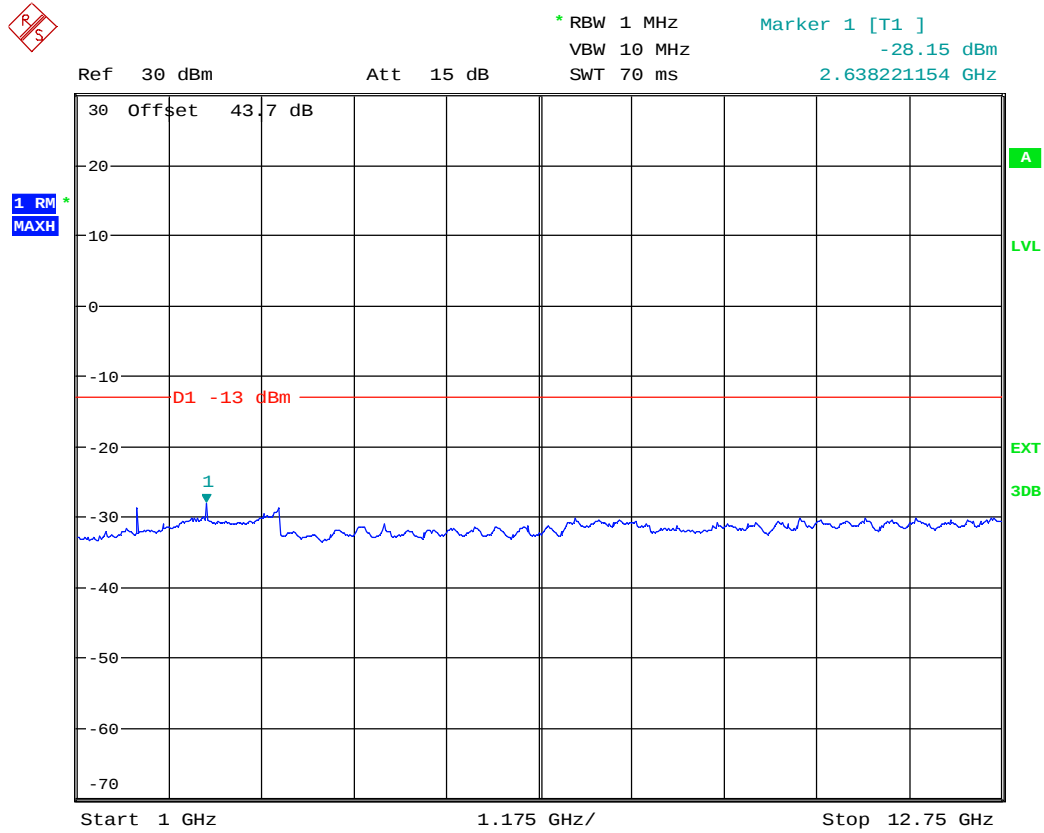
(30M ~ 1G)



Date: 20.DEC.2010 14:37:05



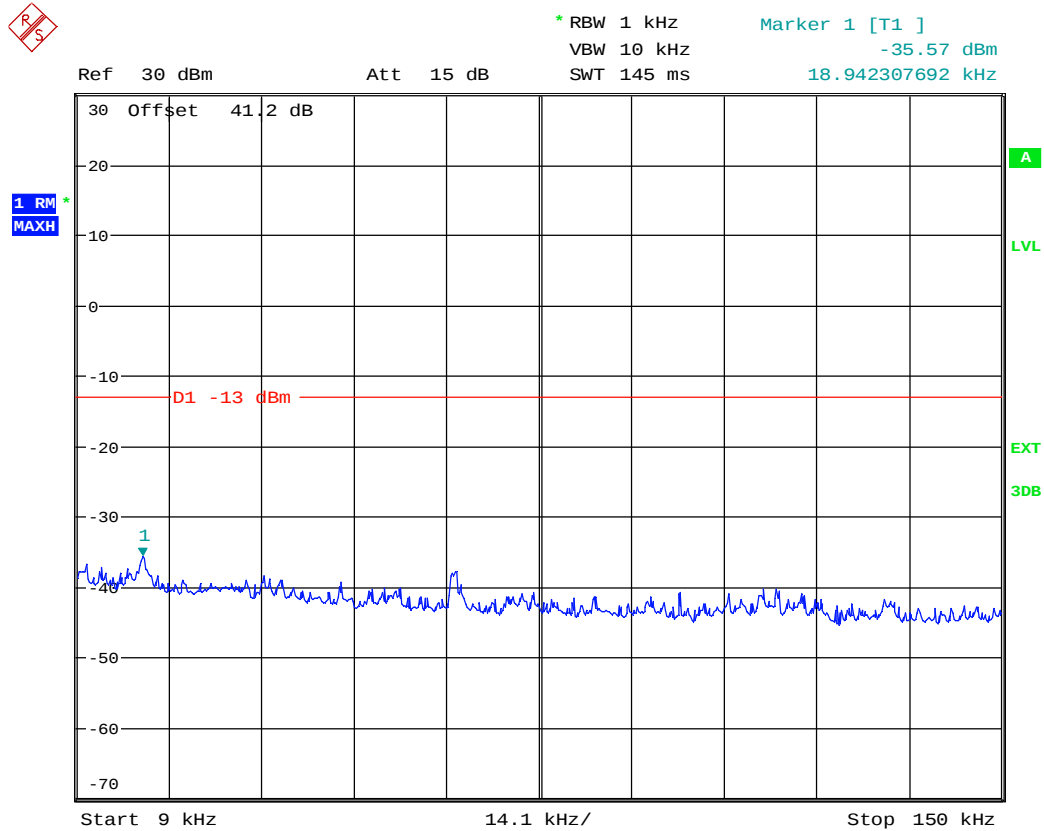
(1G ~ 12.75G)



Date: 20.DEC.2010 14:34:36



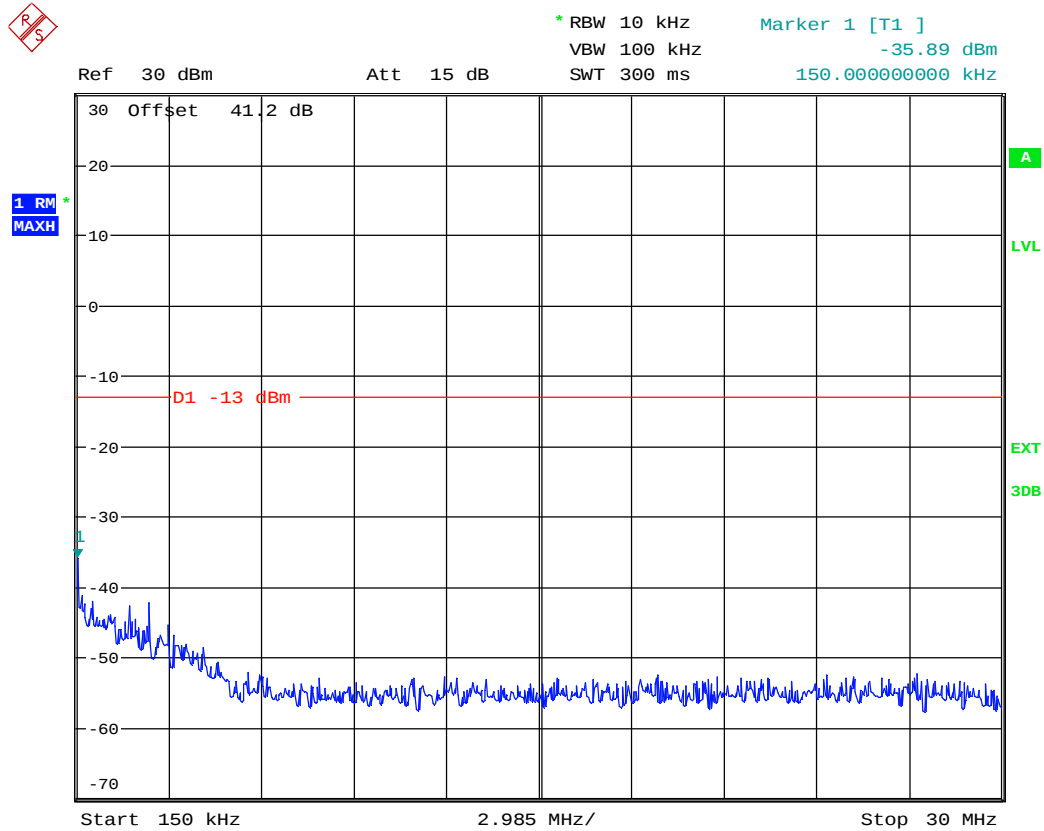
Channel Number: 473/514/555/596 (9k ~ 150k)



Date: 20.DEC.2010 14:41:20



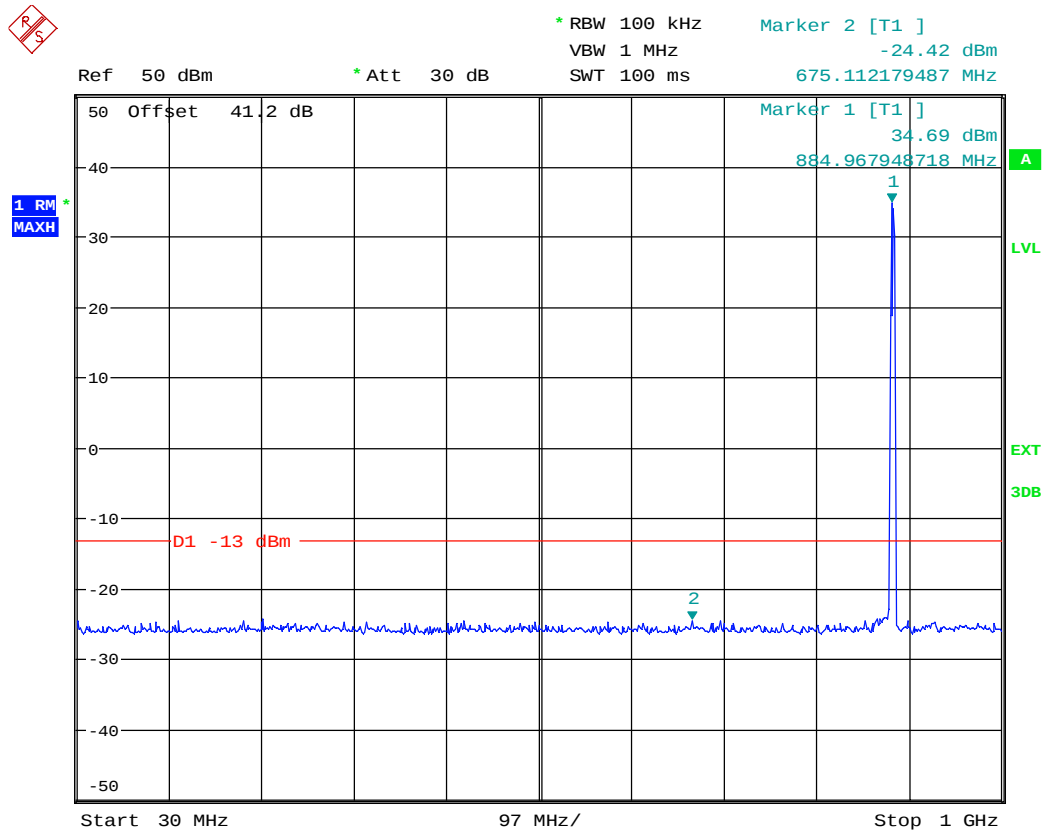
(150k ~ 30M)



Date: 20.DEC.2010 14:42:54



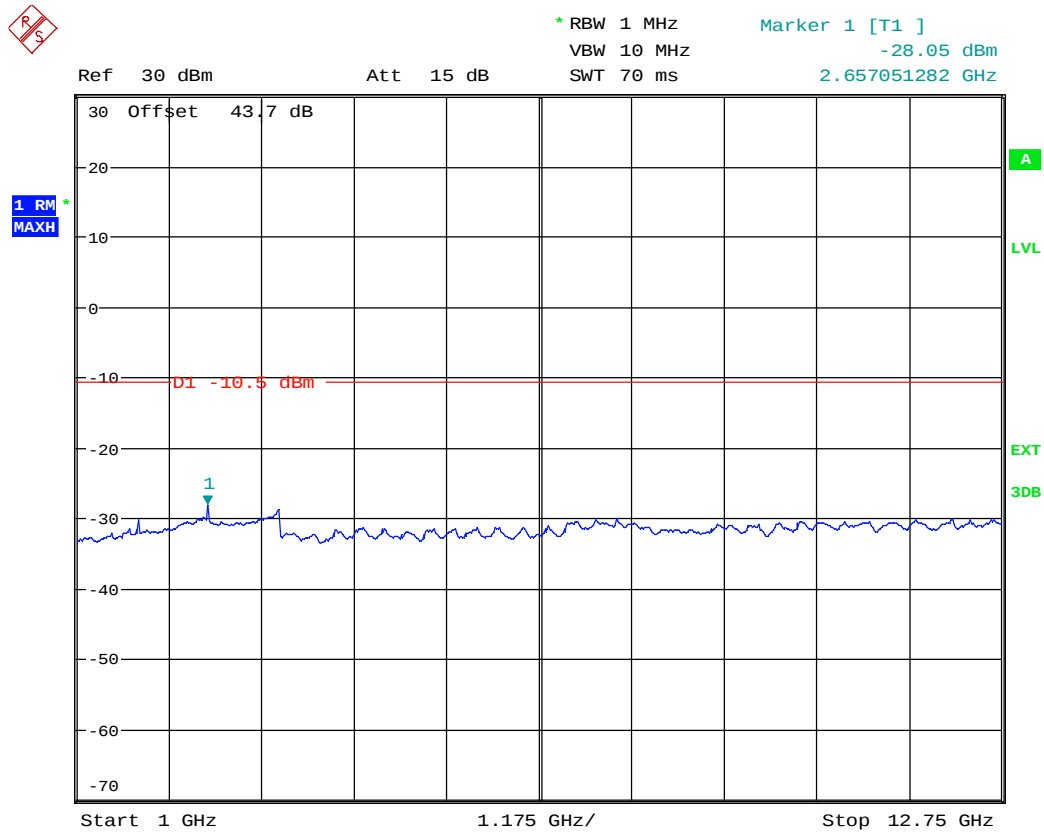
(30M ~ 1G)



Date: 20.DEC.2010 14:44:02



(1G ~ 12.75G)



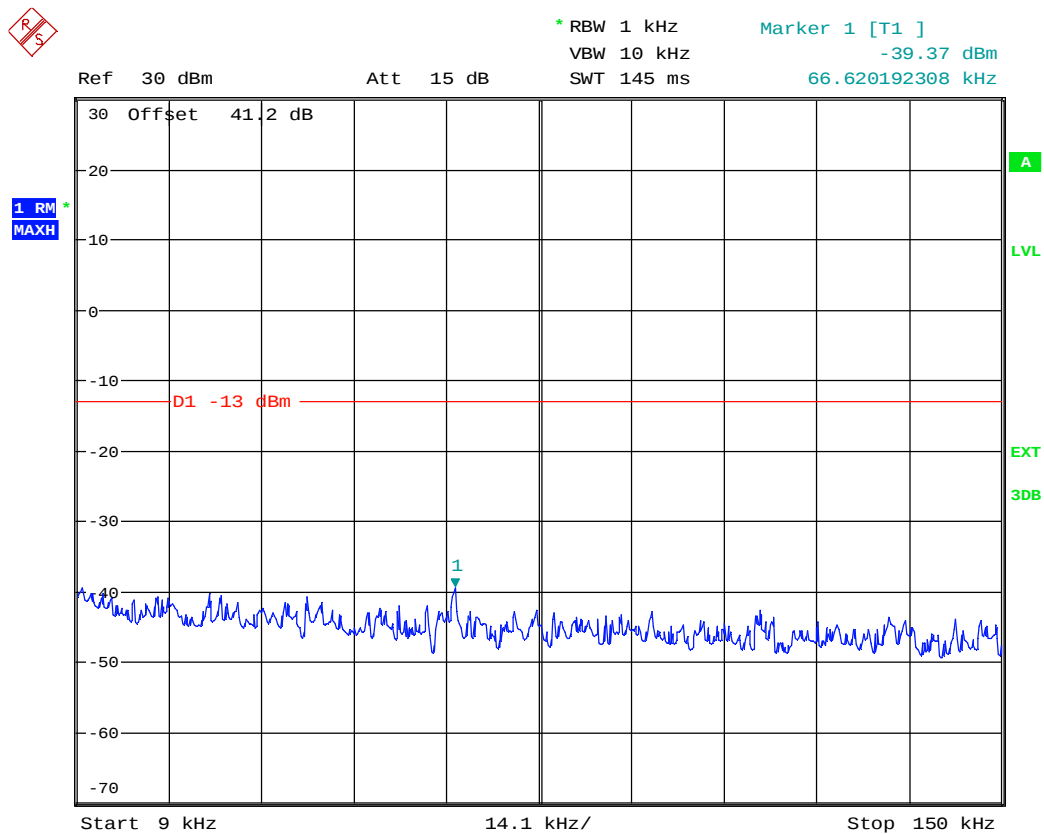
Date: 20.DEC.2010 14:45:31



CDMA2000 1X EV-DO

A. Single Carrier

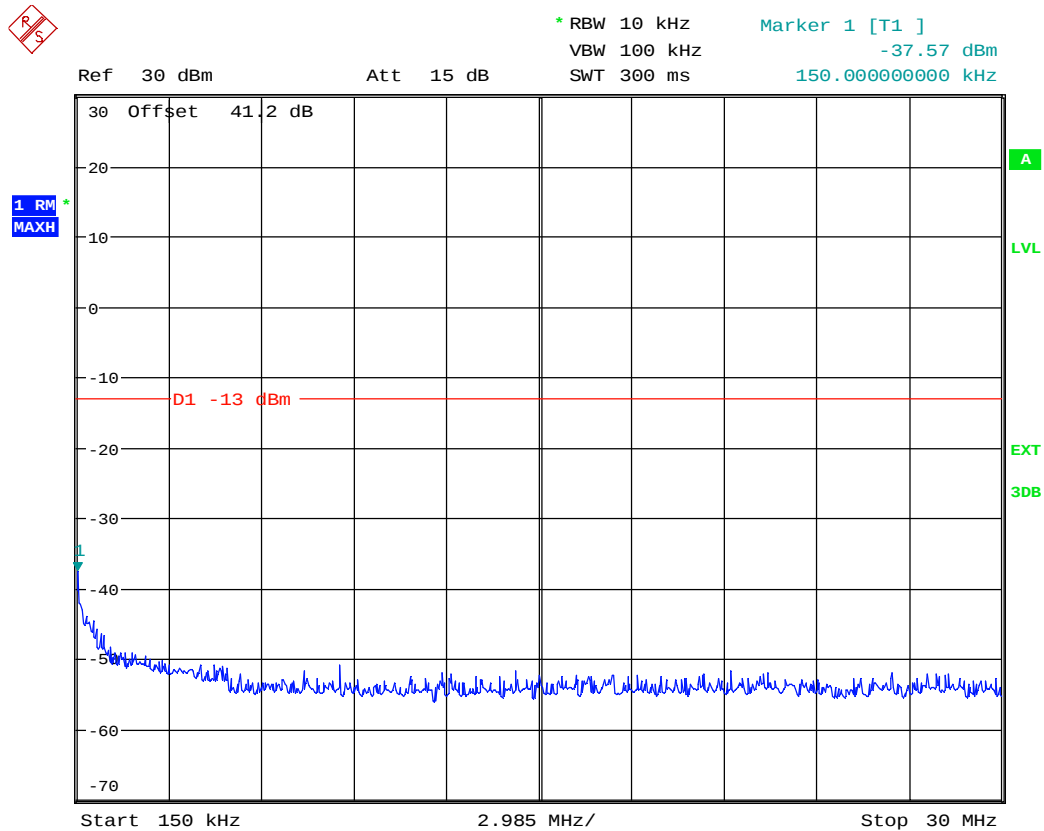
Channel Number: 1
(9k ~ 150k)



Date: 20.DEC.2010 16:53:00



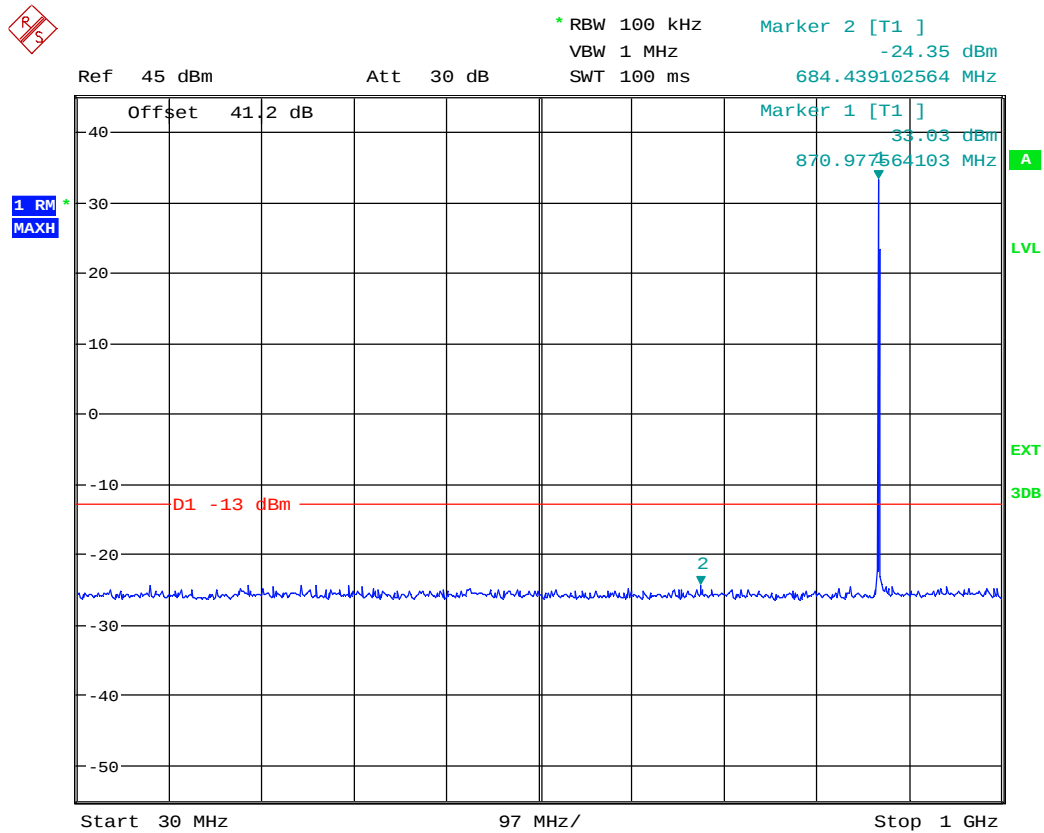
(150k ~ 30M)



Date: 20.DEC.2010 16:52:11



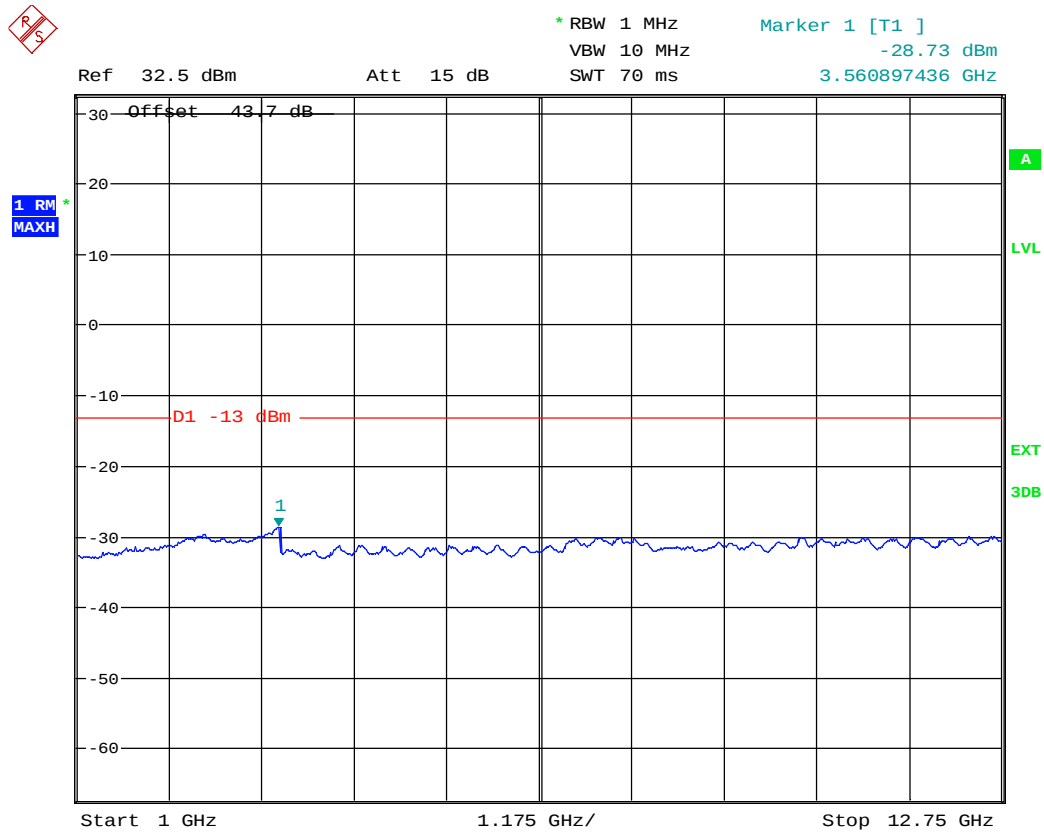
(30M ~ 1G)



Date: 20.DEC.2010 16:50:56



(1G ~ 12.75G)

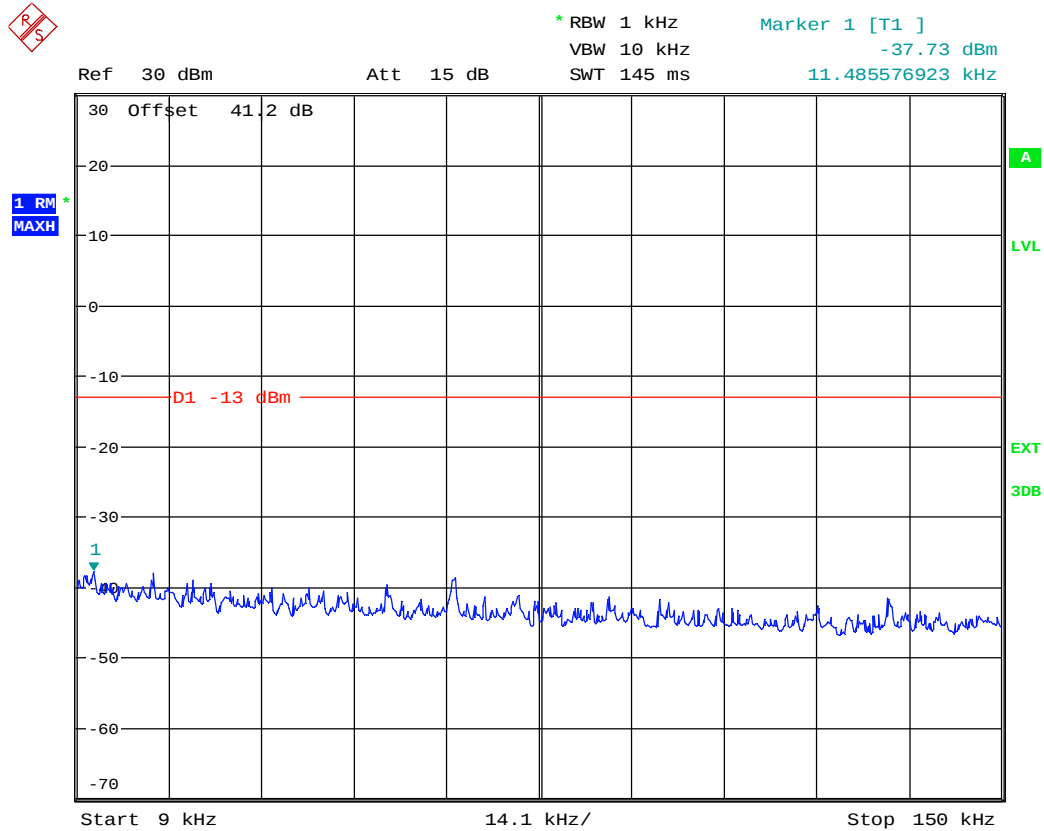


Date: 20.DEC.2010 16:55:22



Channel Number: 311

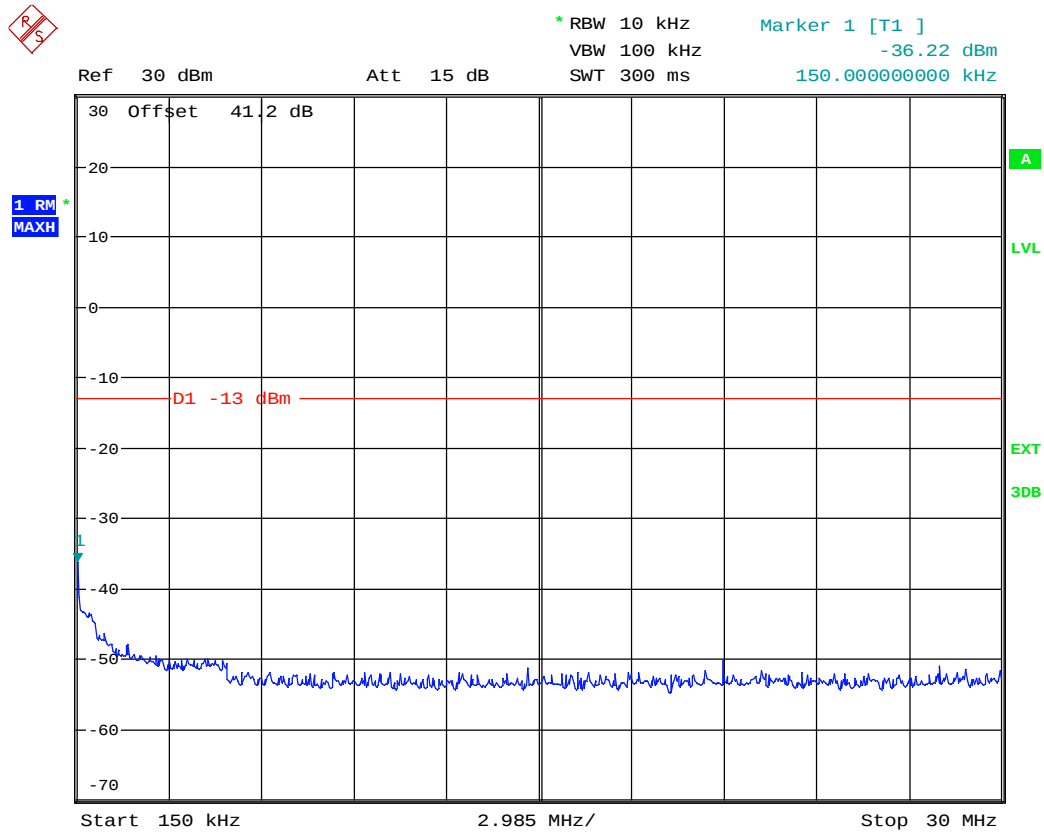
(9k ~ 150k)



Date: 20.DEC.2010 17:22:56



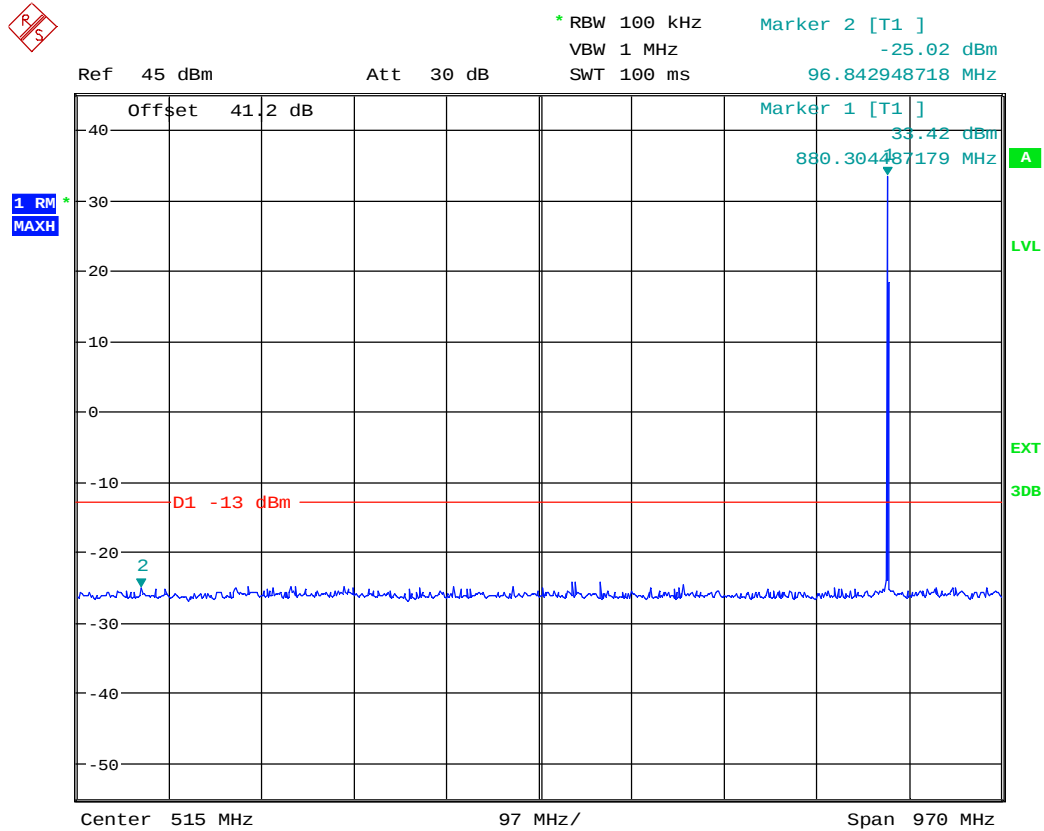
(150k ~ 30M)



Date: 20.DEC.2010 17:19:12



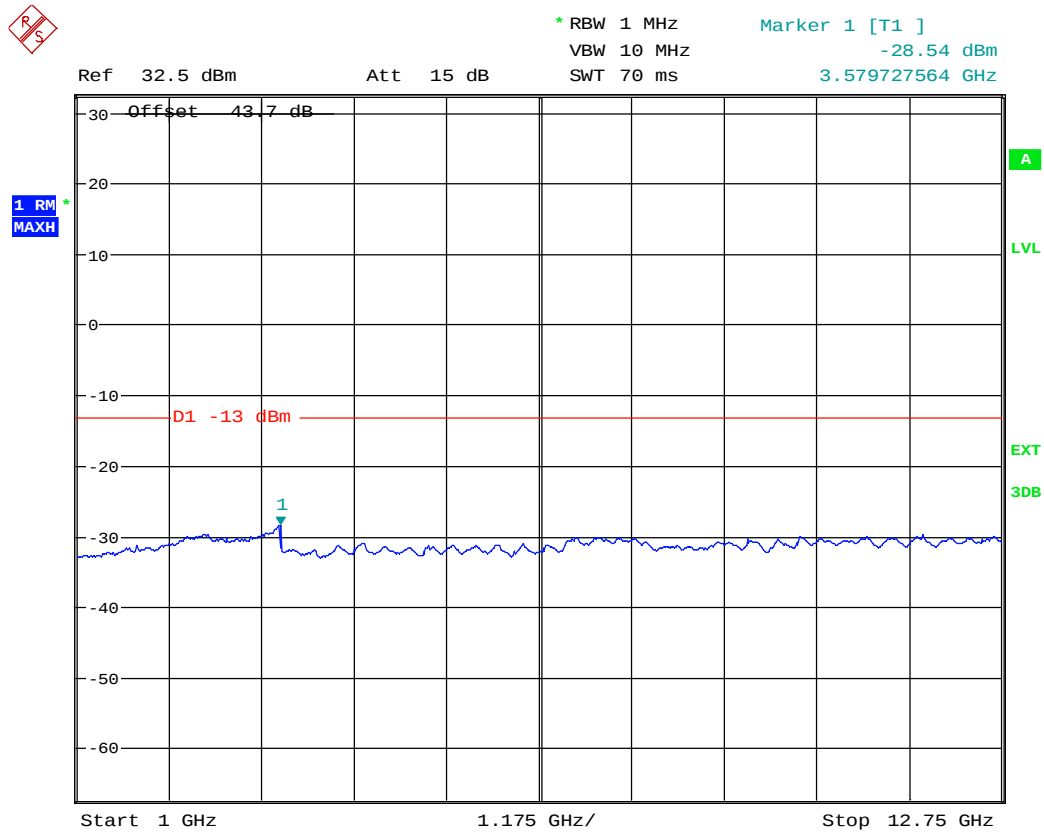
(30M ~ 1G)



Date: 20.DEC.2010 17:15:14



(1G ~12.75G)

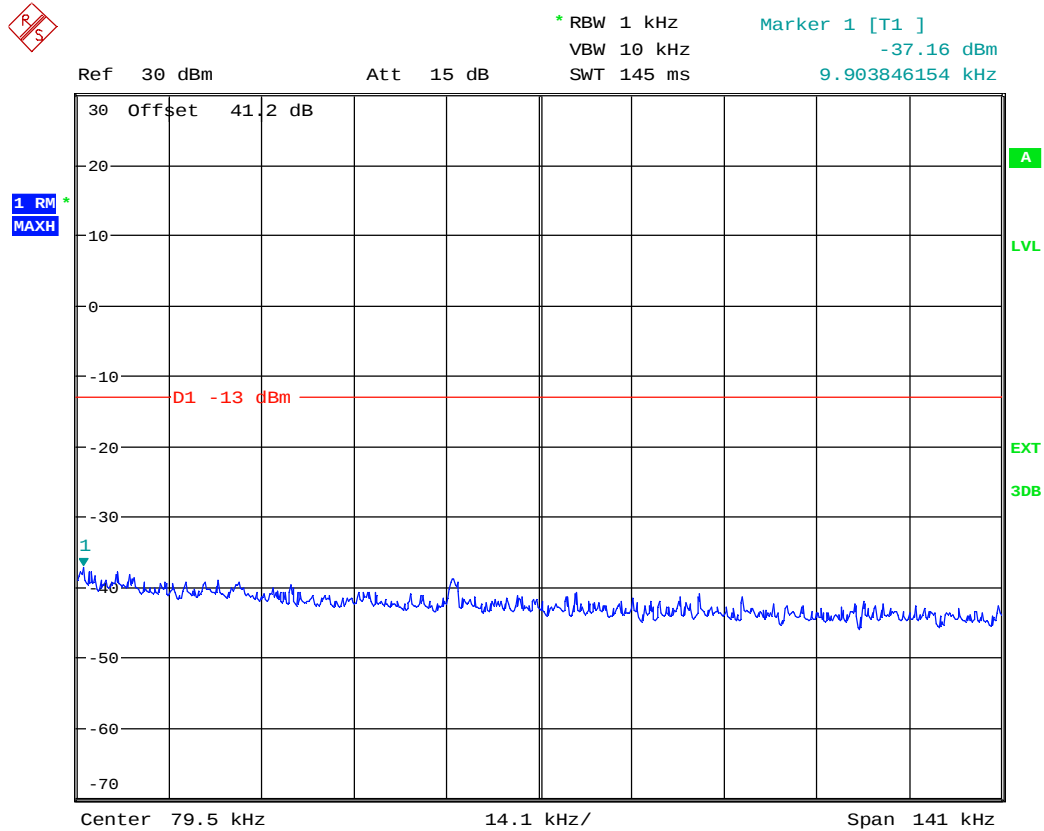


Date: 20.DEC.2010 17:11:33



Channel Number: 596

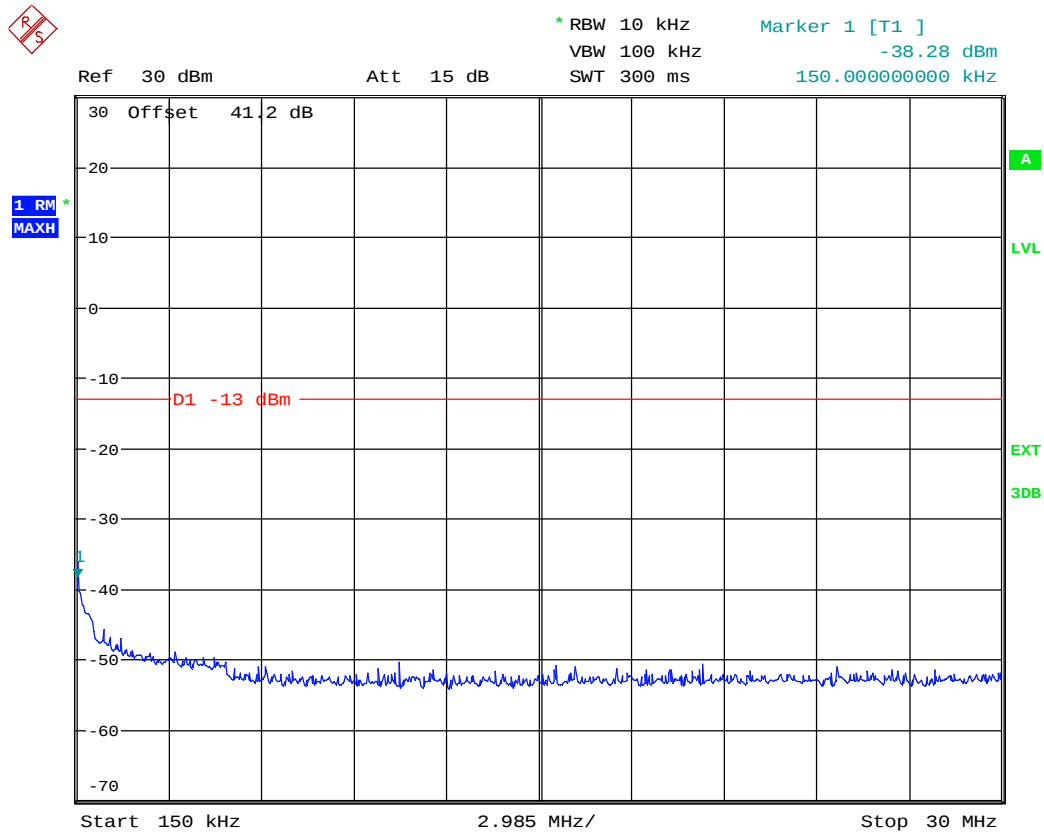
(9k ~ 150k)



Date: 20.DEC.2010 17:27:29



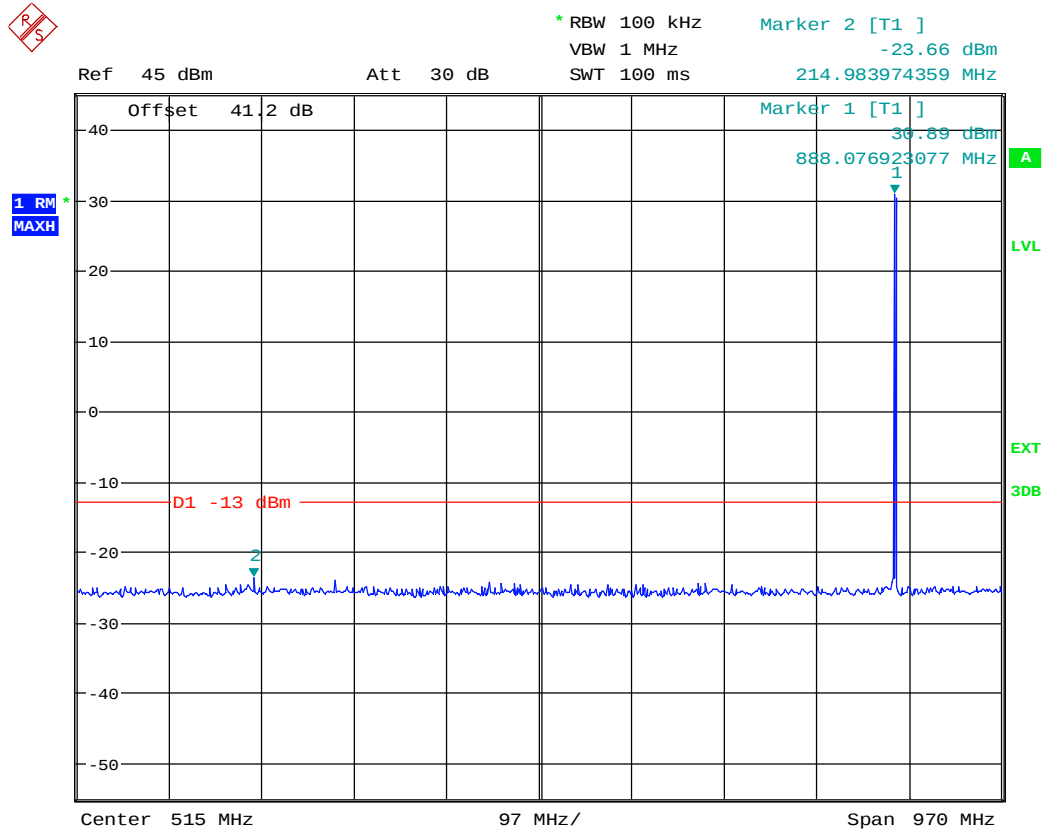
(150k ~ 30M)



Date: 20.DEC.2010 17:29:45



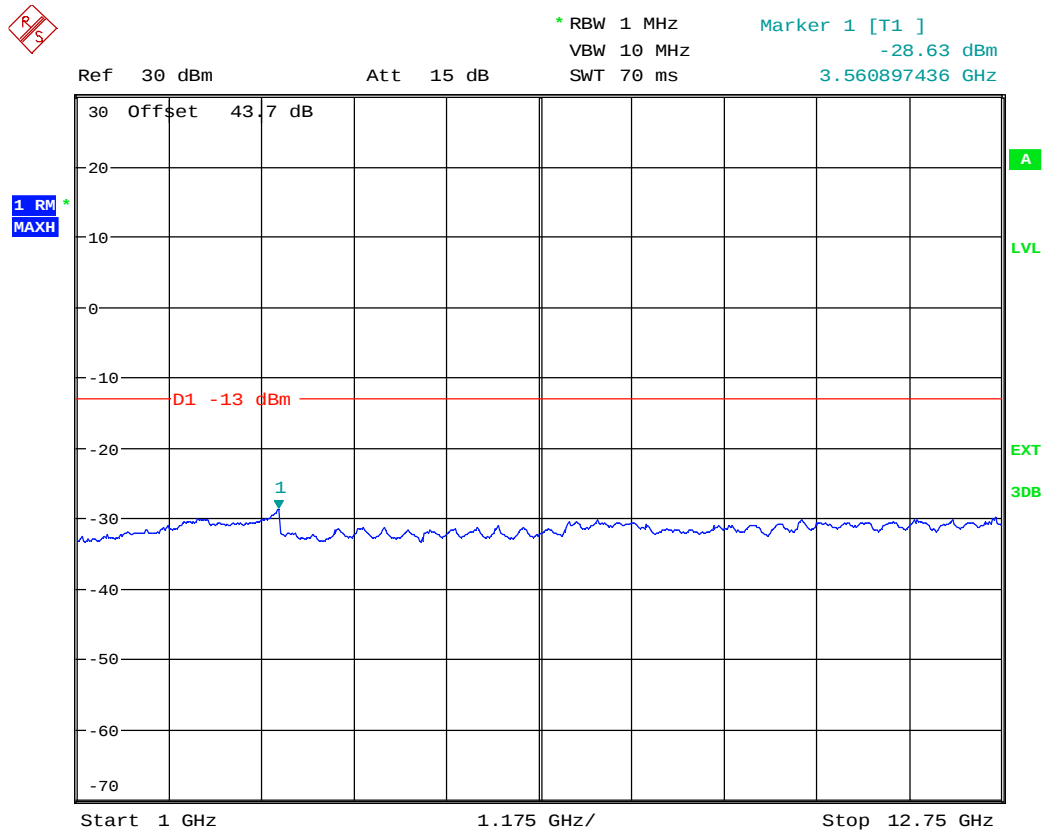
(30M ~ 1G)



Date: 20.DEC.2010 17:34:46



(1G ~ 12.75G)

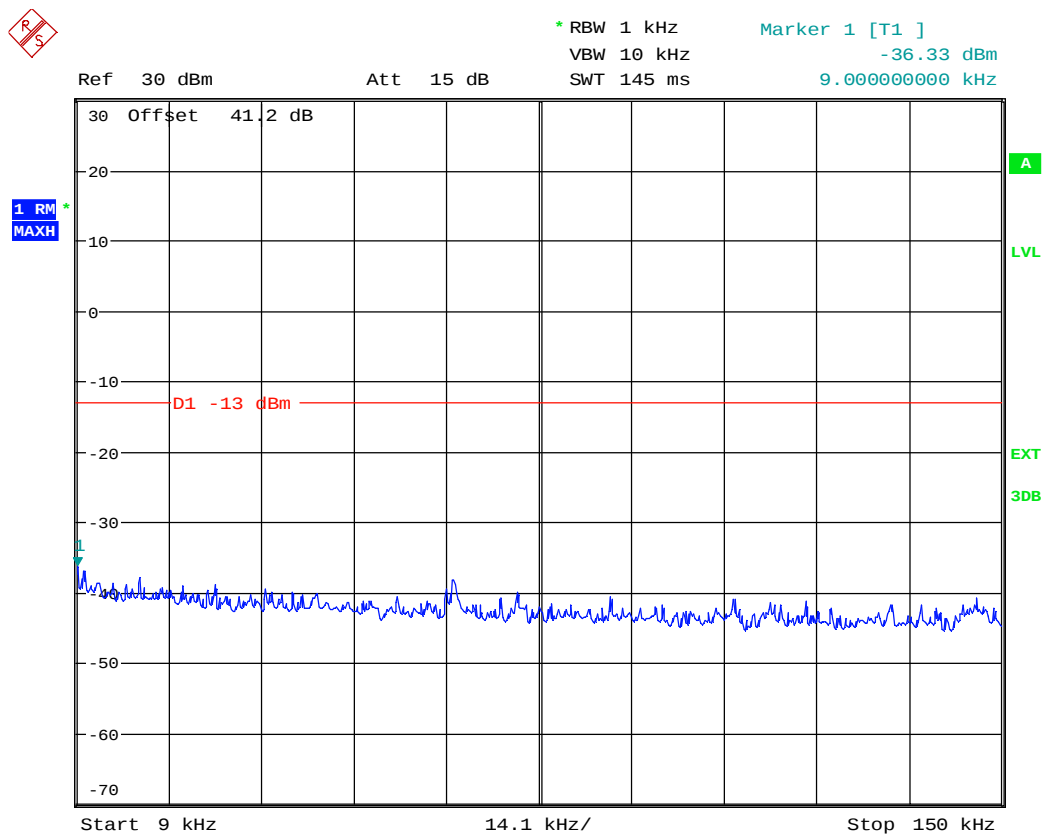


Date: 20.DEC.2010 17:36:03



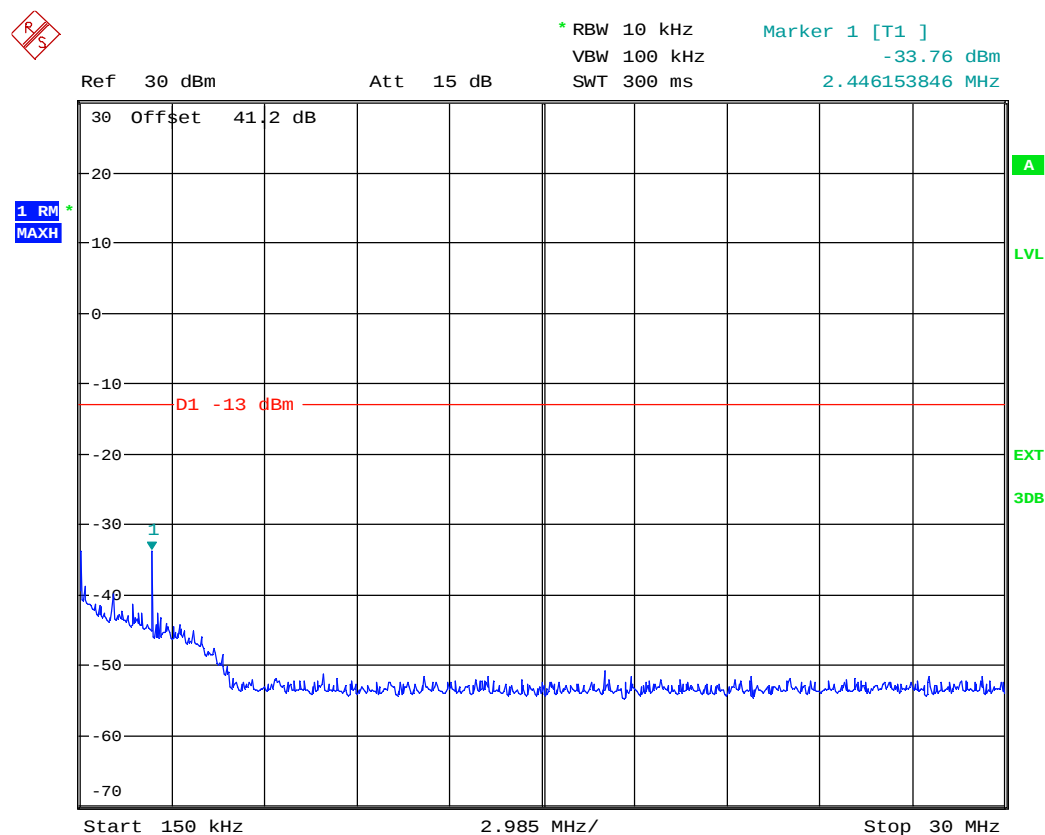
B. Multiple Carriers:

Channel Number: 1/42/83/124
(9k ~150k)



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

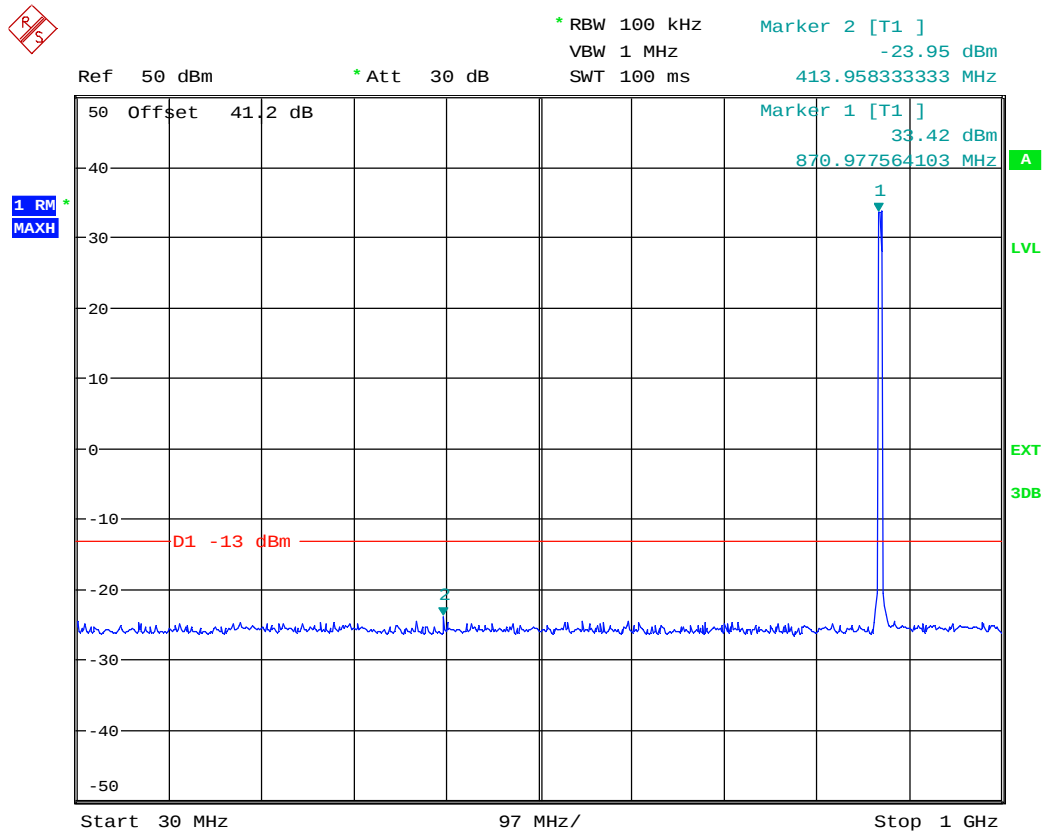
(150k ~ 30M)



Date: 21.DEC.2010 14:06:12



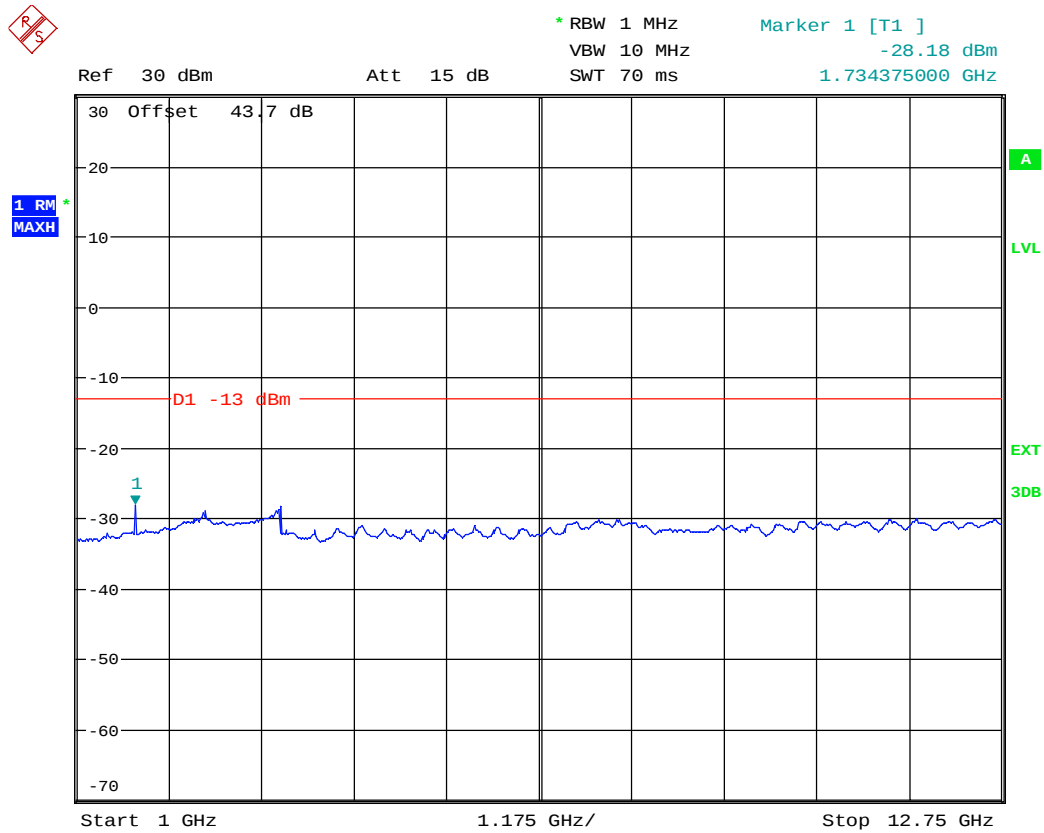
(30M ~ 1G)



Date: 21.DEC.2010 14:07:13



(1G ~ 12.75G)

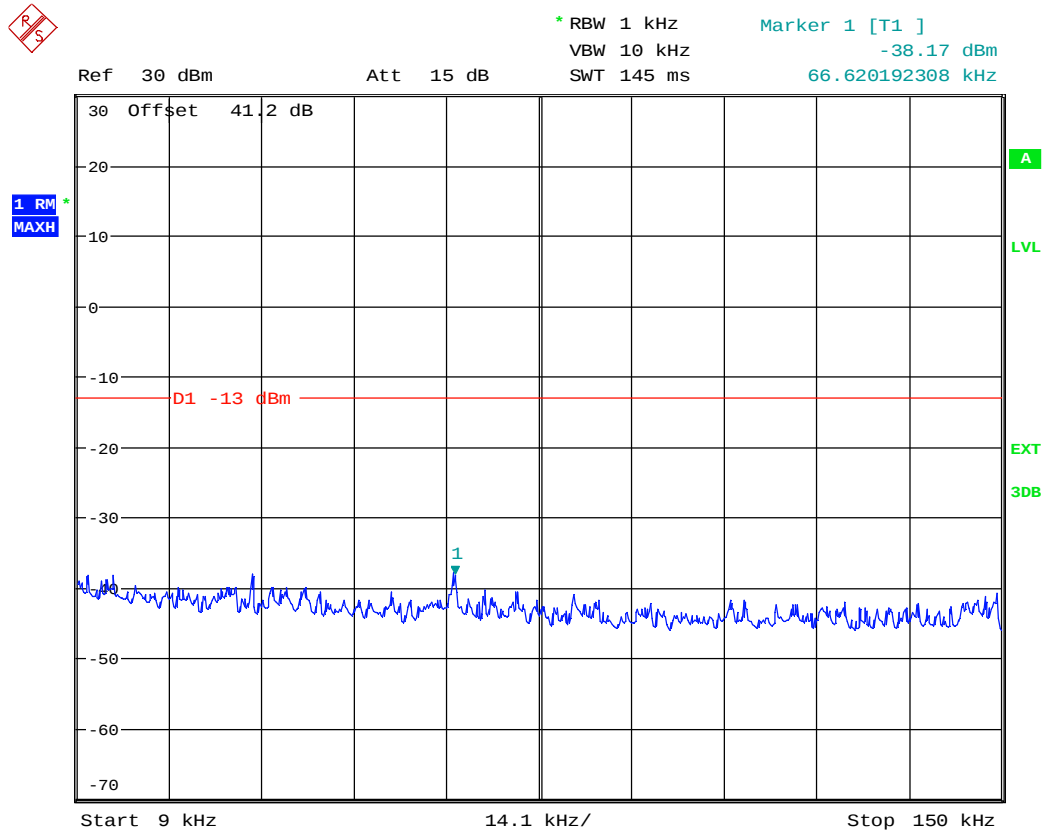


Date: 21.DEC.2010 14:08:44



Channel Number: 270/311/352/393

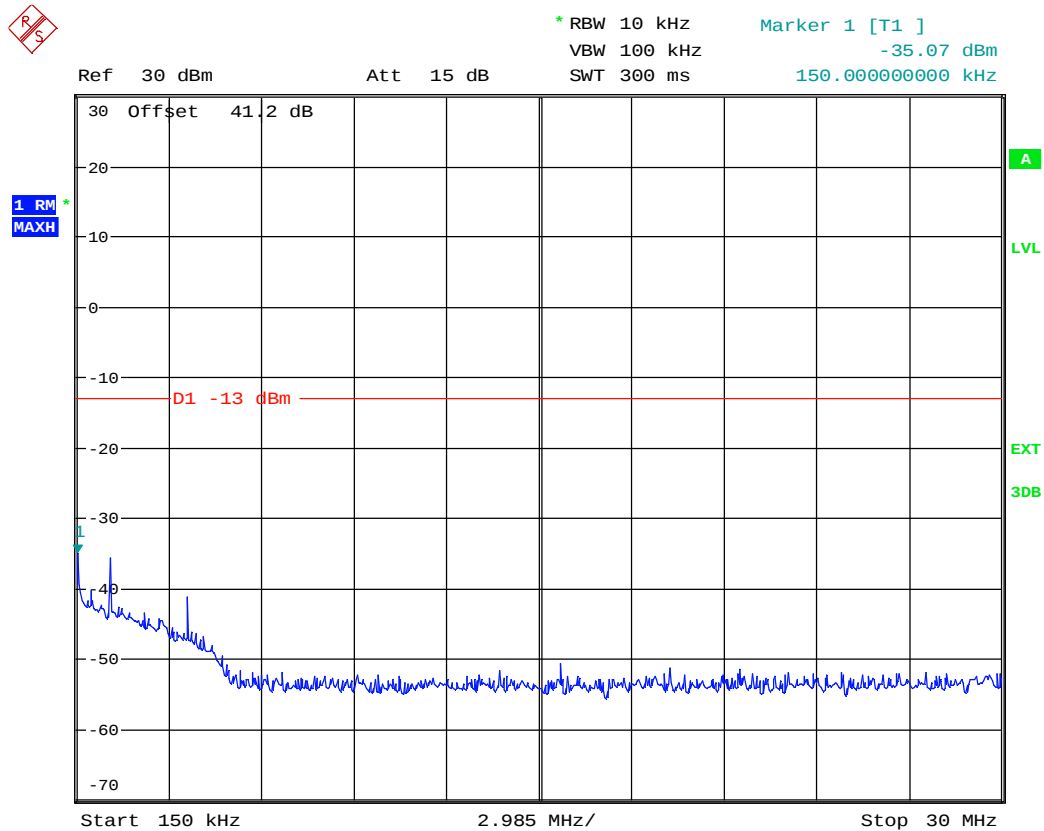
(9k ~ 150k)



Date: 21.DEC.2010 13:58:36



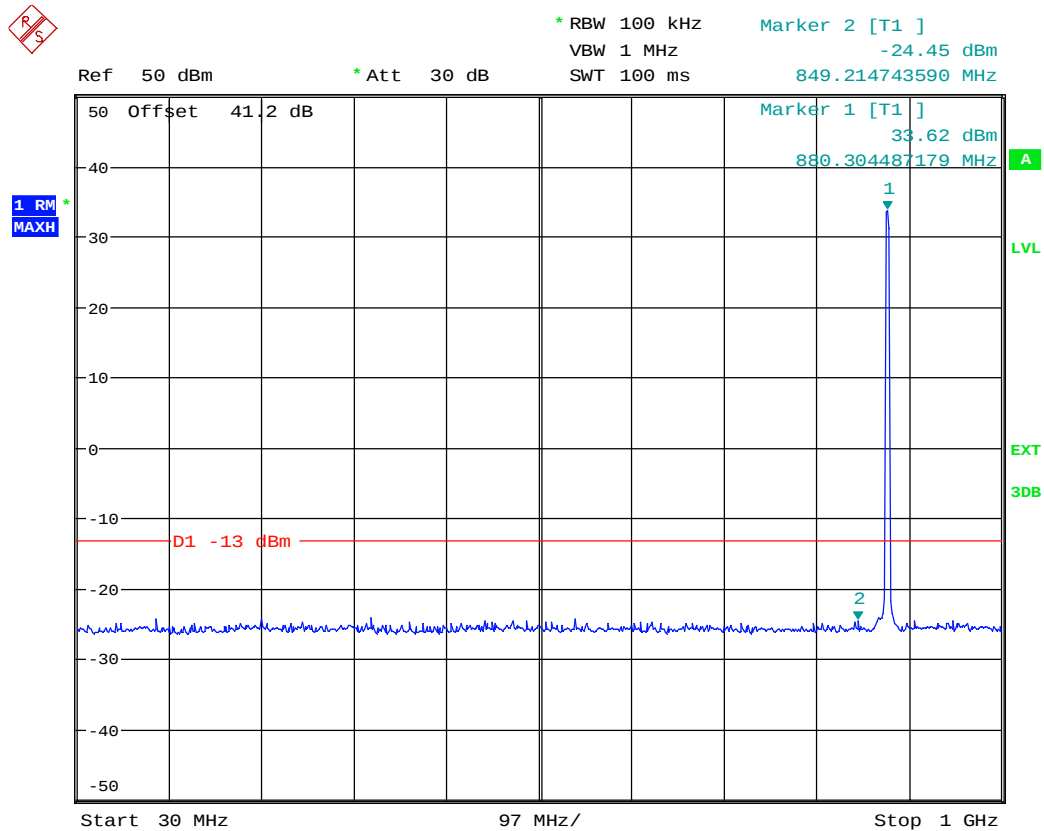
(150k ~ 30M)



Date: 21.DEC.2010 13:57:58



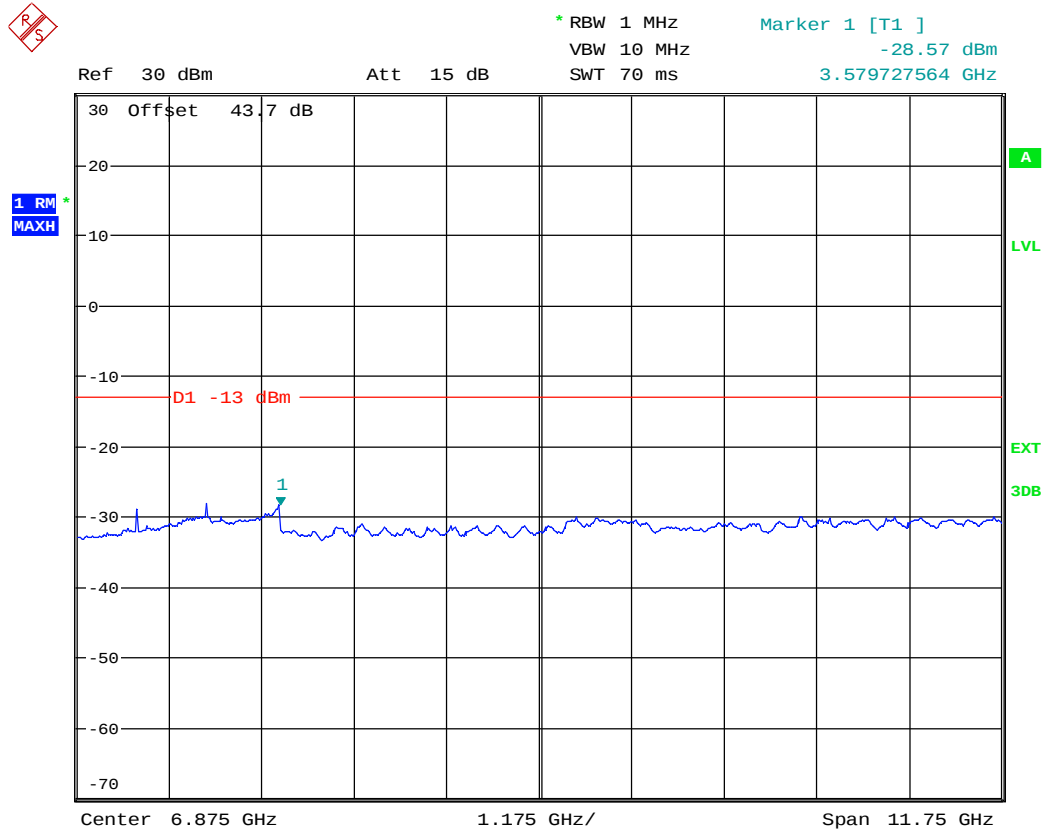
(30M ~ 1G)



Date: 21.DEC.2010 13:57:14



(1G ~ 12.75G)

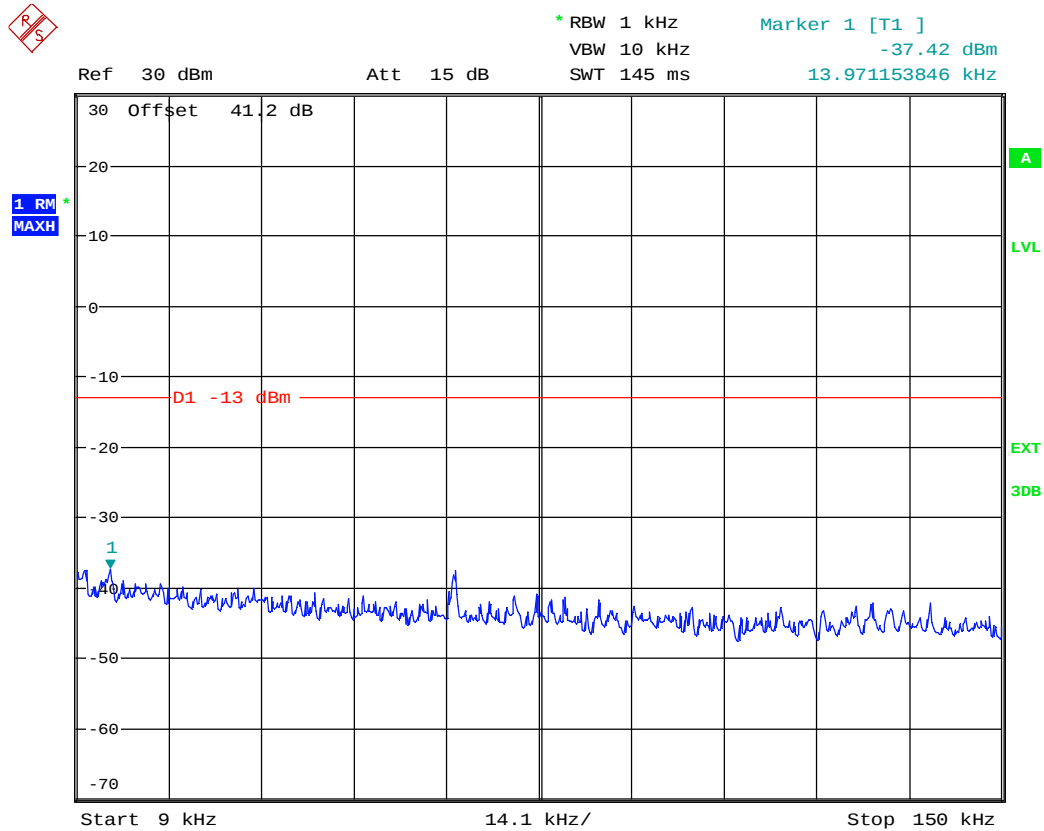


Date: 21.DEC.2010 13:55:31



Channel Number: 473/514/555/596

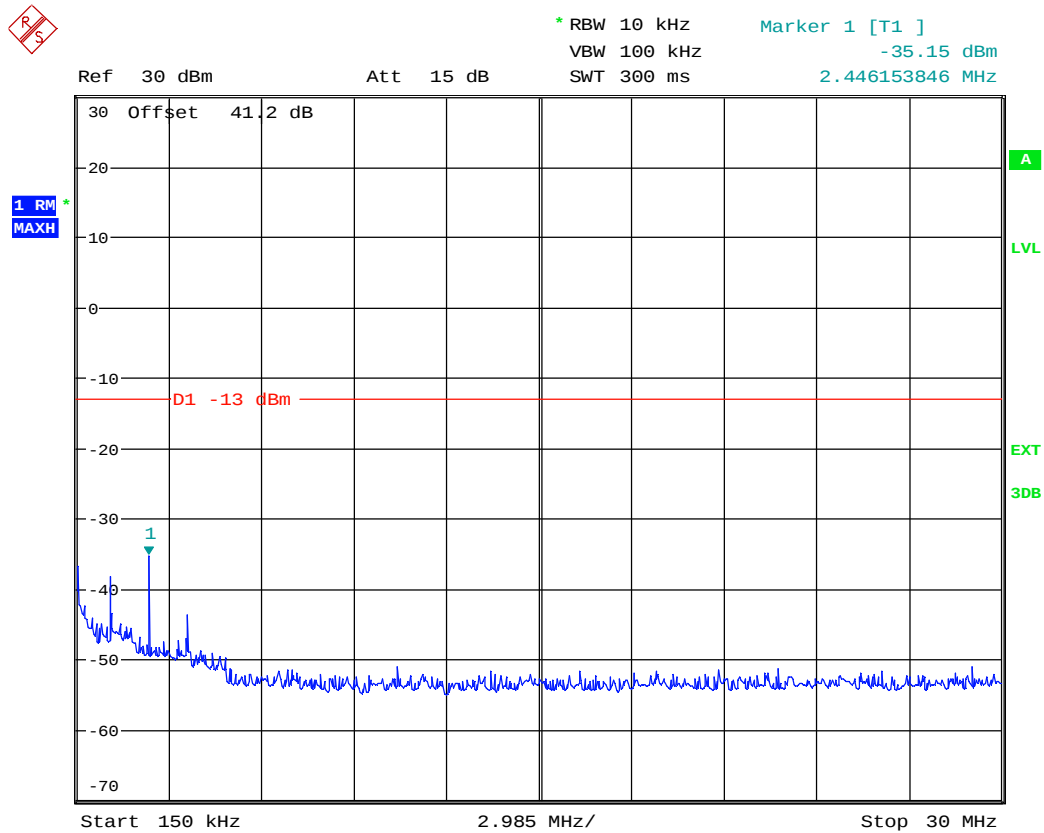
(9k ~ 150k)



Date: 21.DEC.2010 13:46:31



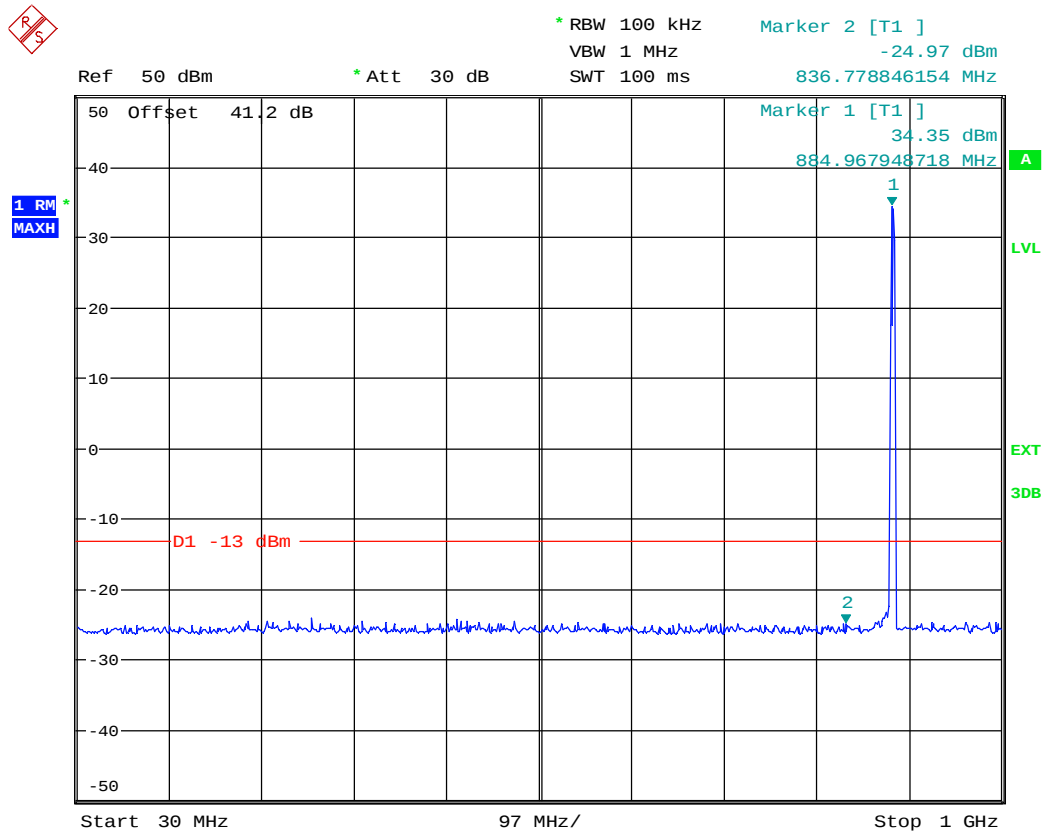
(150k ~ 30M)



Date: 21.DEC.2010 13:45:52



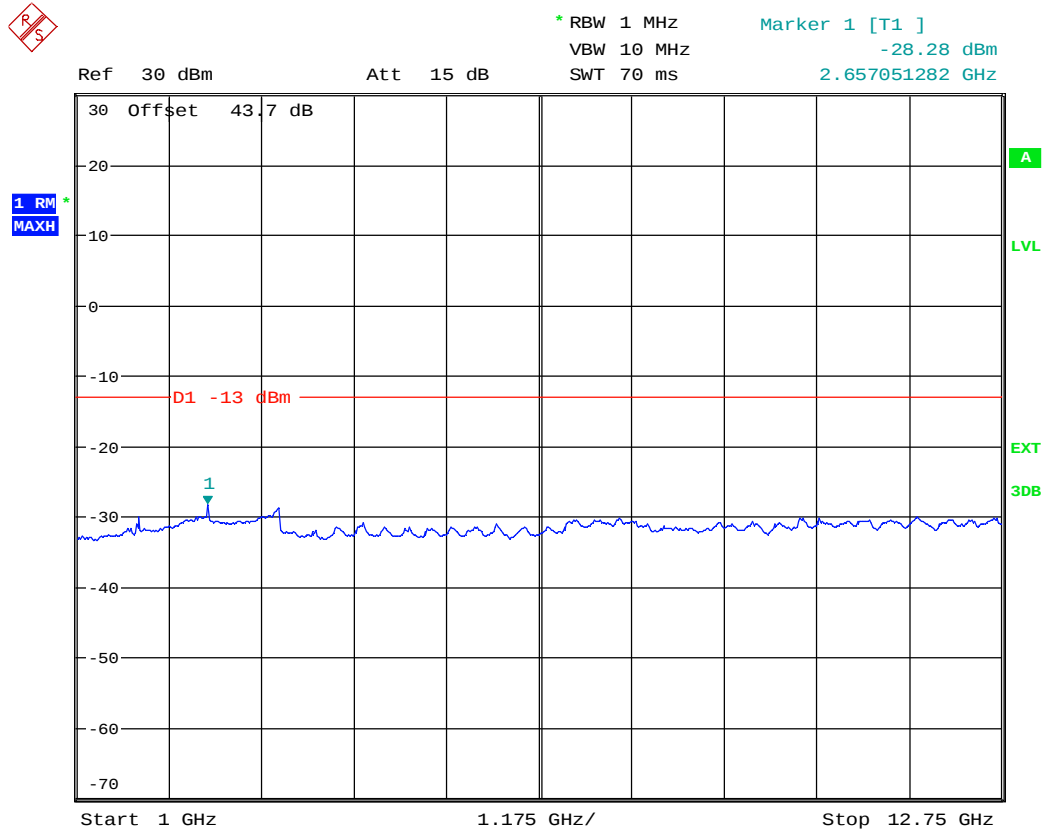
(30M ~ 1G)



Date: 21.DEC.2010 13:48:18



(1G ~ 12.75G)



Date: 21.DEC.2010 13:49:43



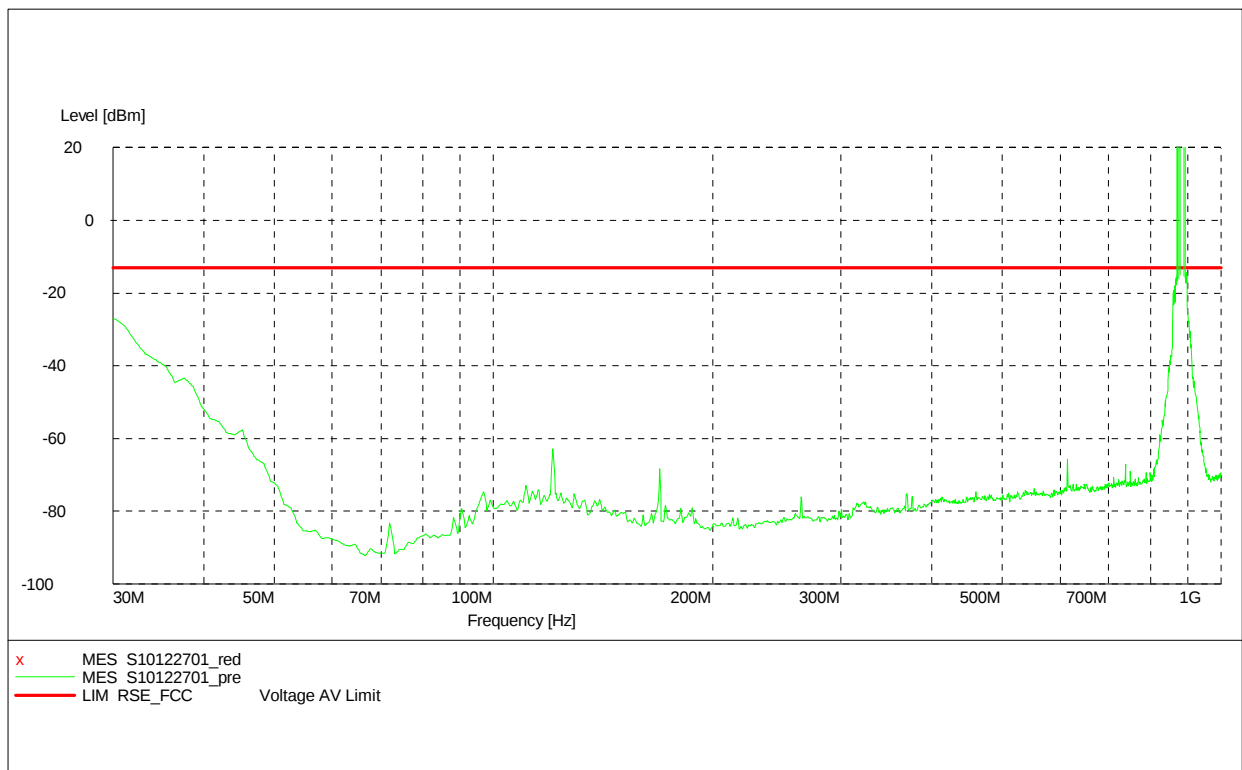
Appendix E

Field Strength of Spurious Radiation According to FCC Part 2.1053 & 22.917

Measurement Result

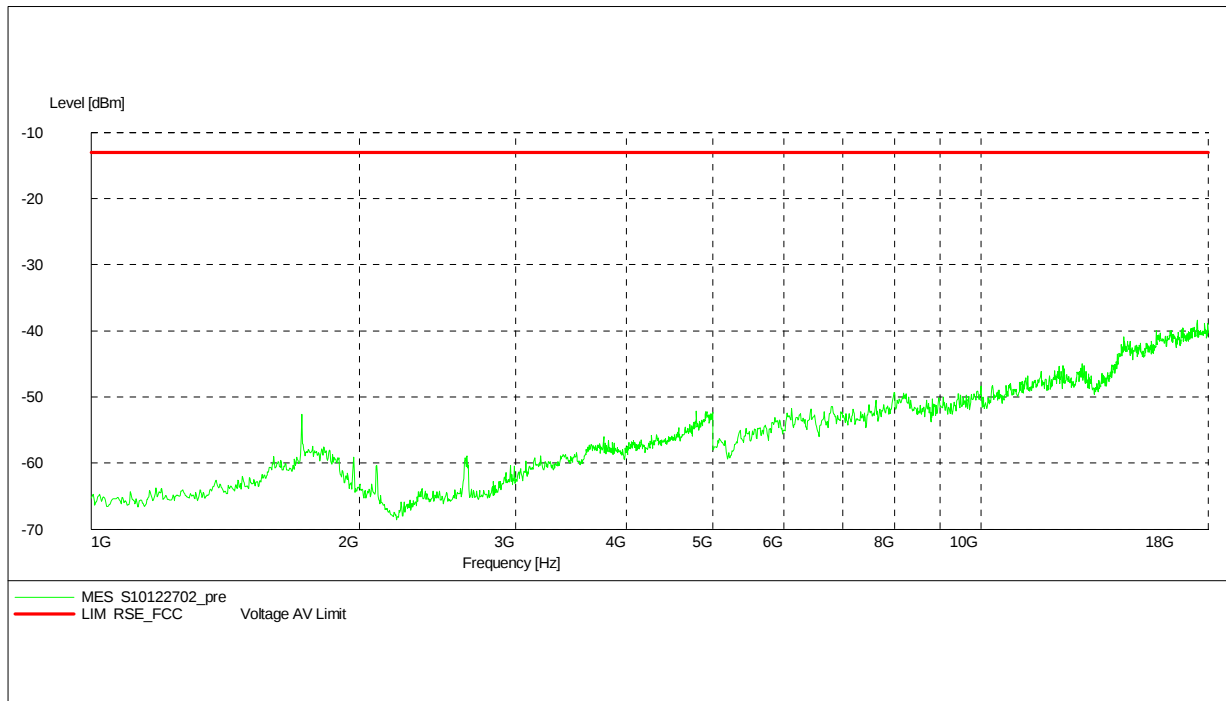
Note: more strict limit was employed by this test.

30MHz-1GHz





Above 1GHz



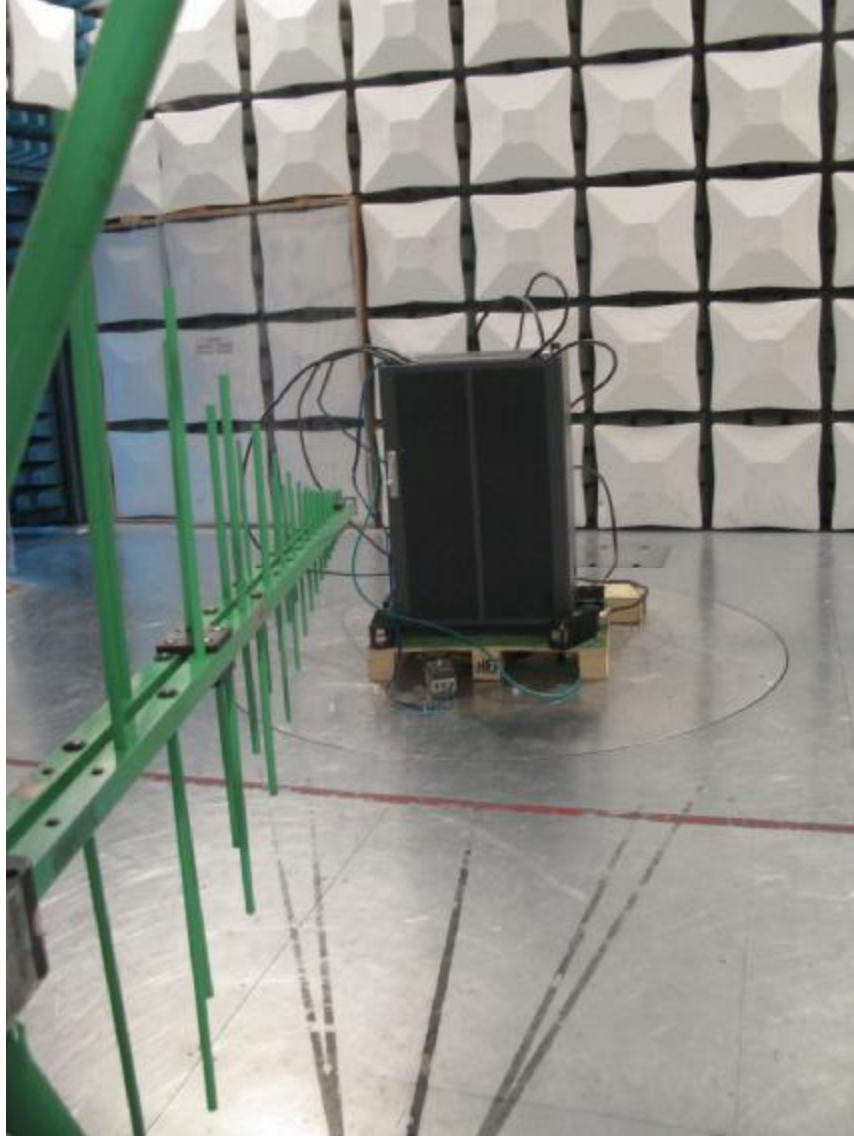


Appendix F

Photos of Test Setup



(Below 1GHz)





(Above 1GHz)

