



Appendix A

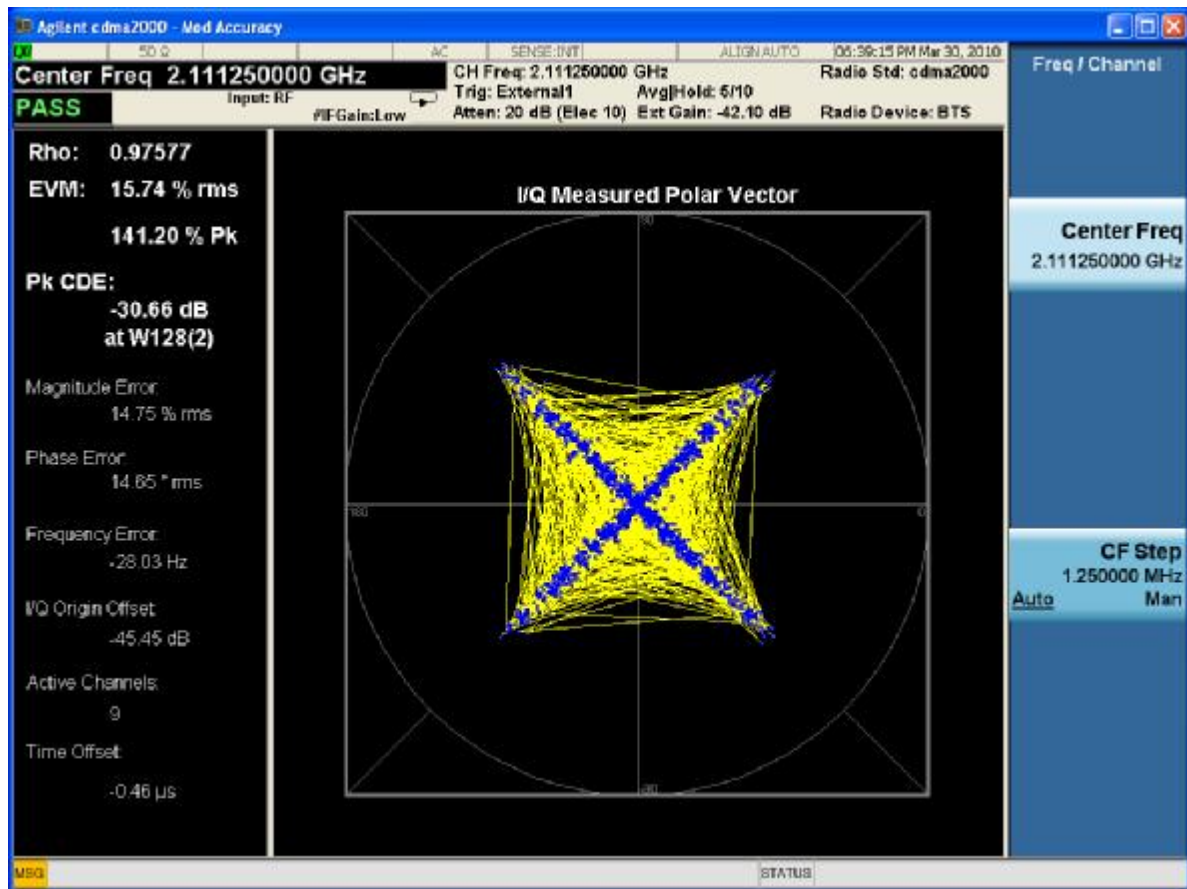
Modulation Characteristic Measurement

According to CFR 47 (FCC) part 2.1047



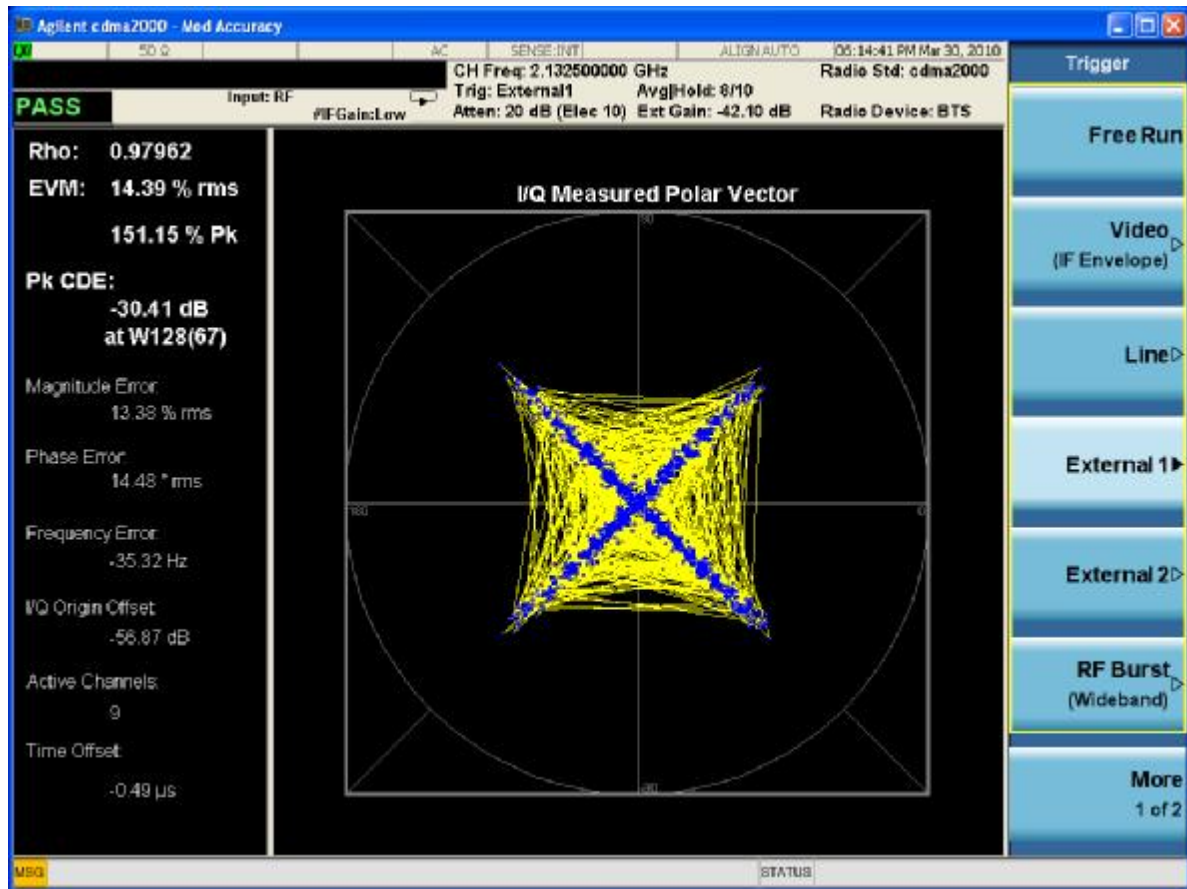
CDMA2000 1X:

RC1
Channel 25



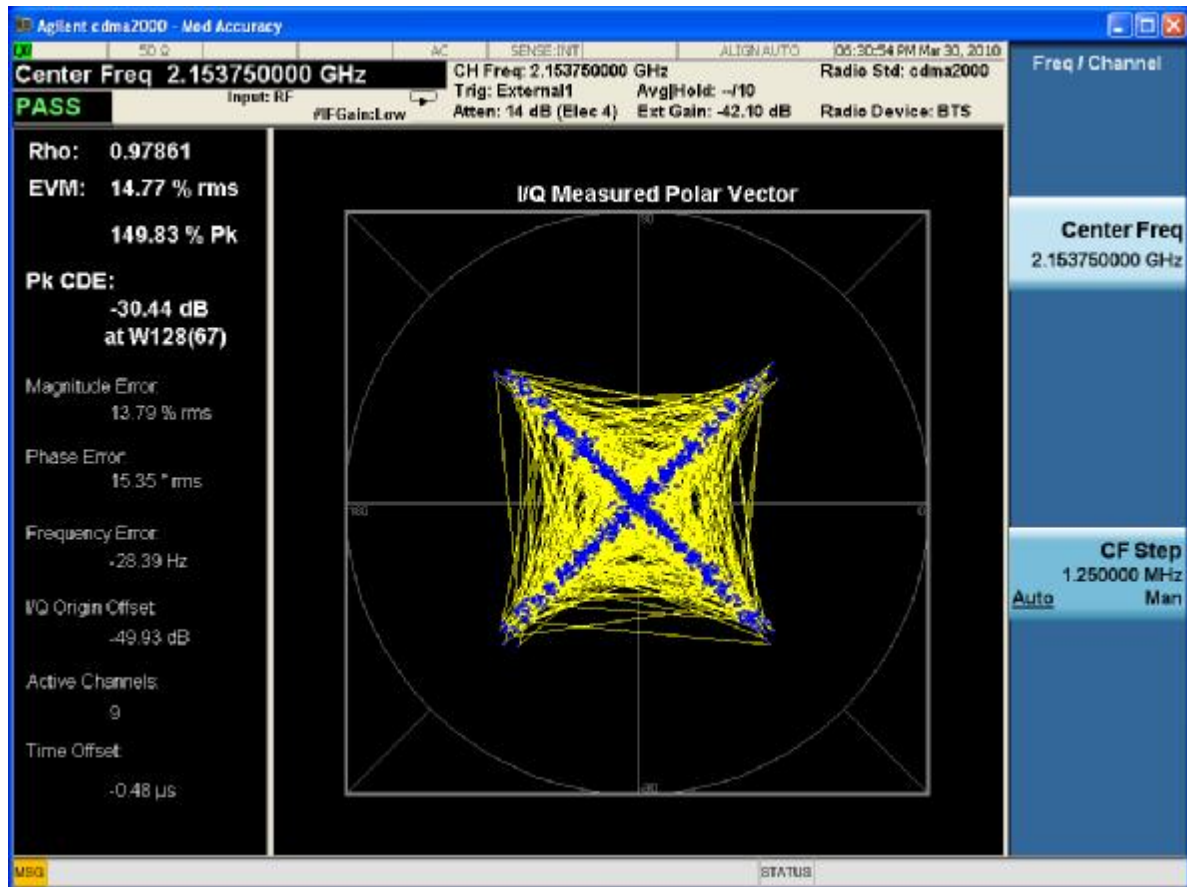


Channel 450



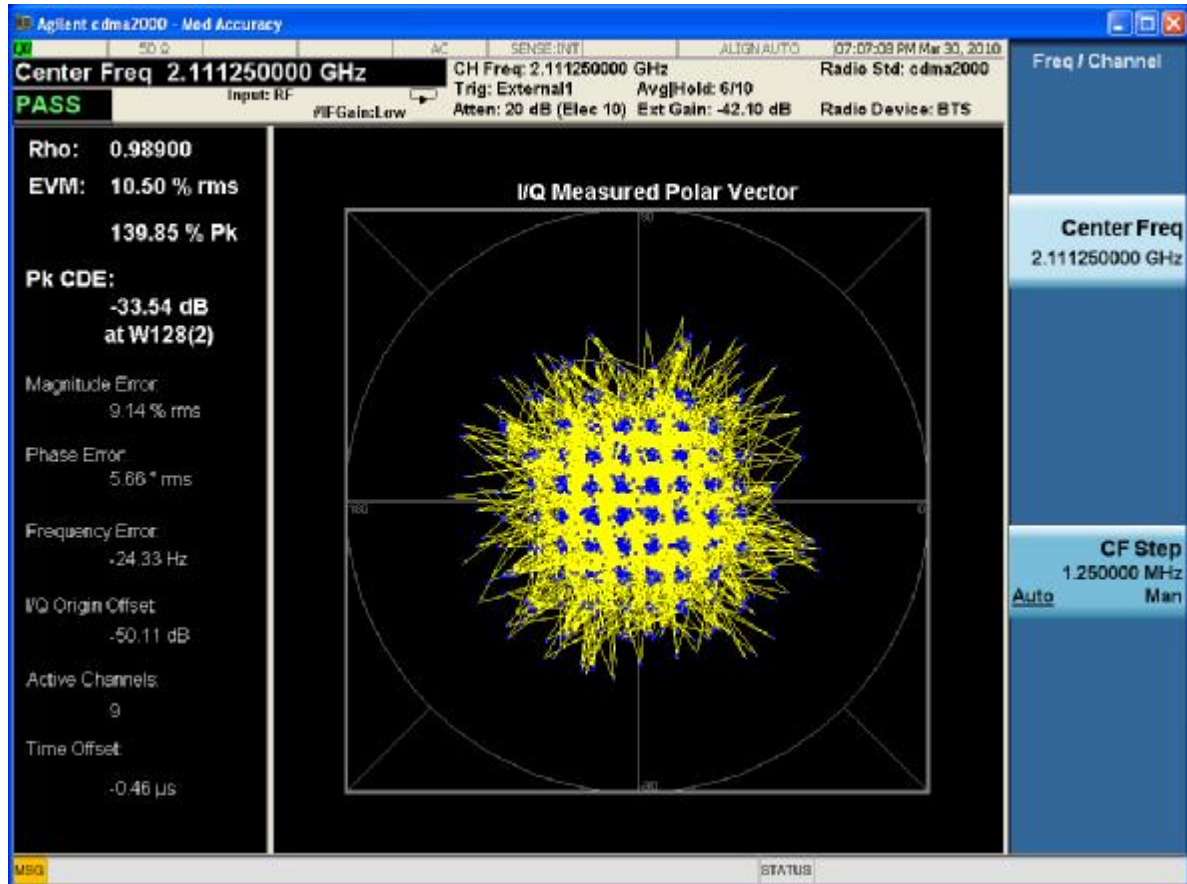


Channel 875



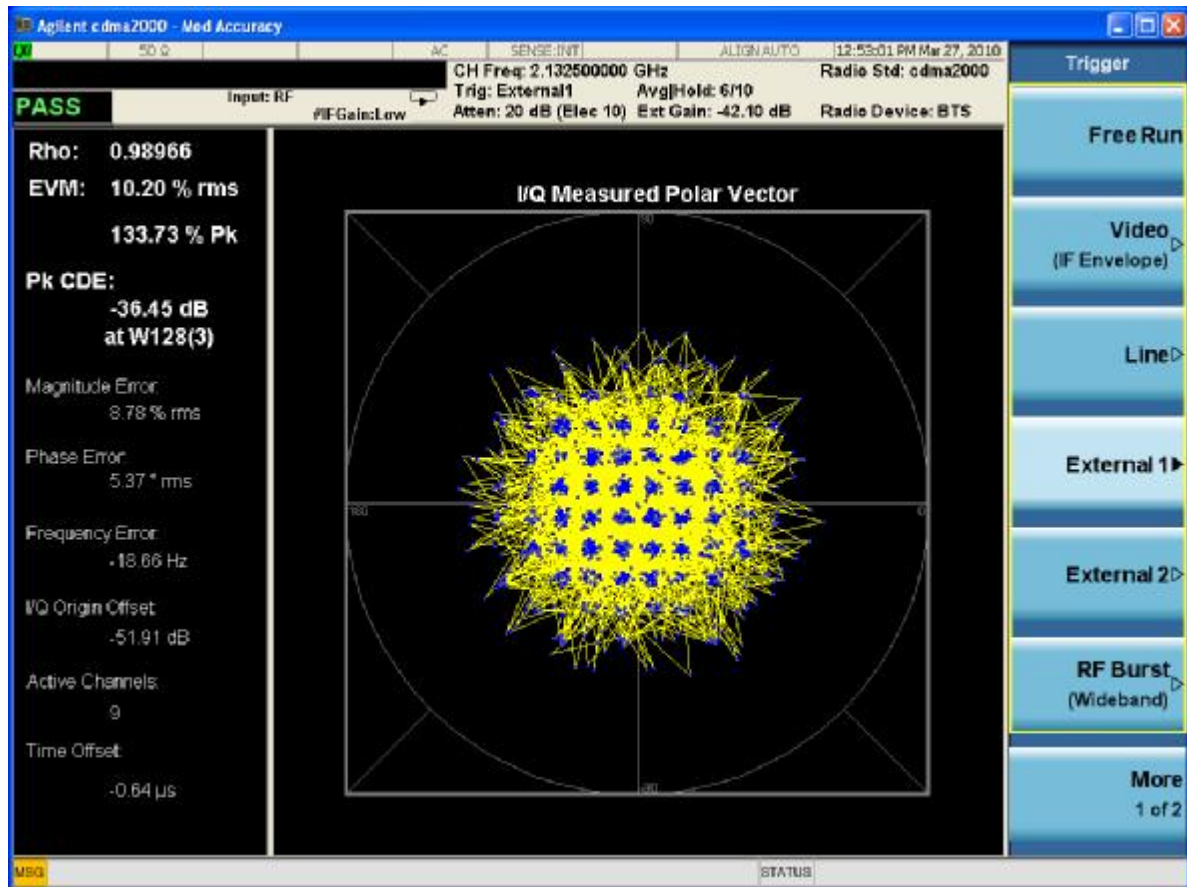


RC3 Channel 25



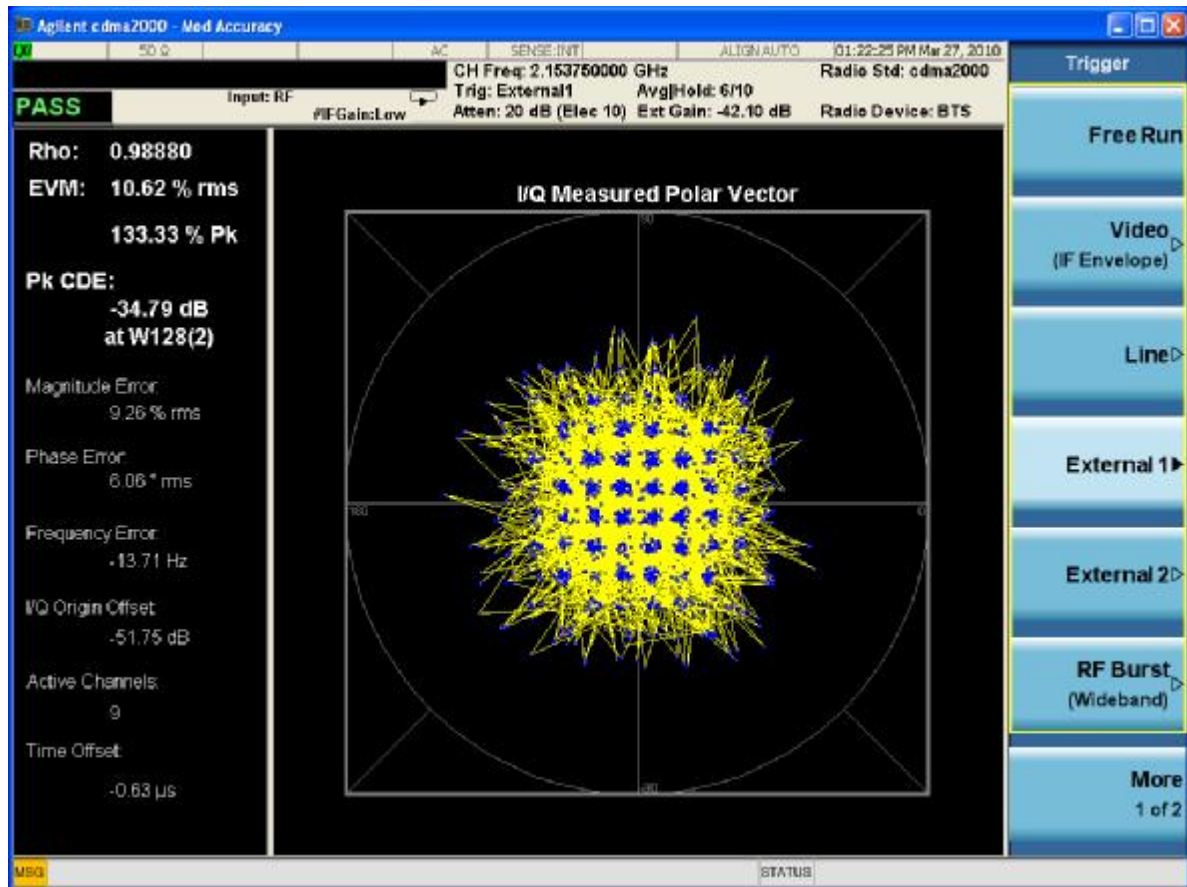


Channel 450



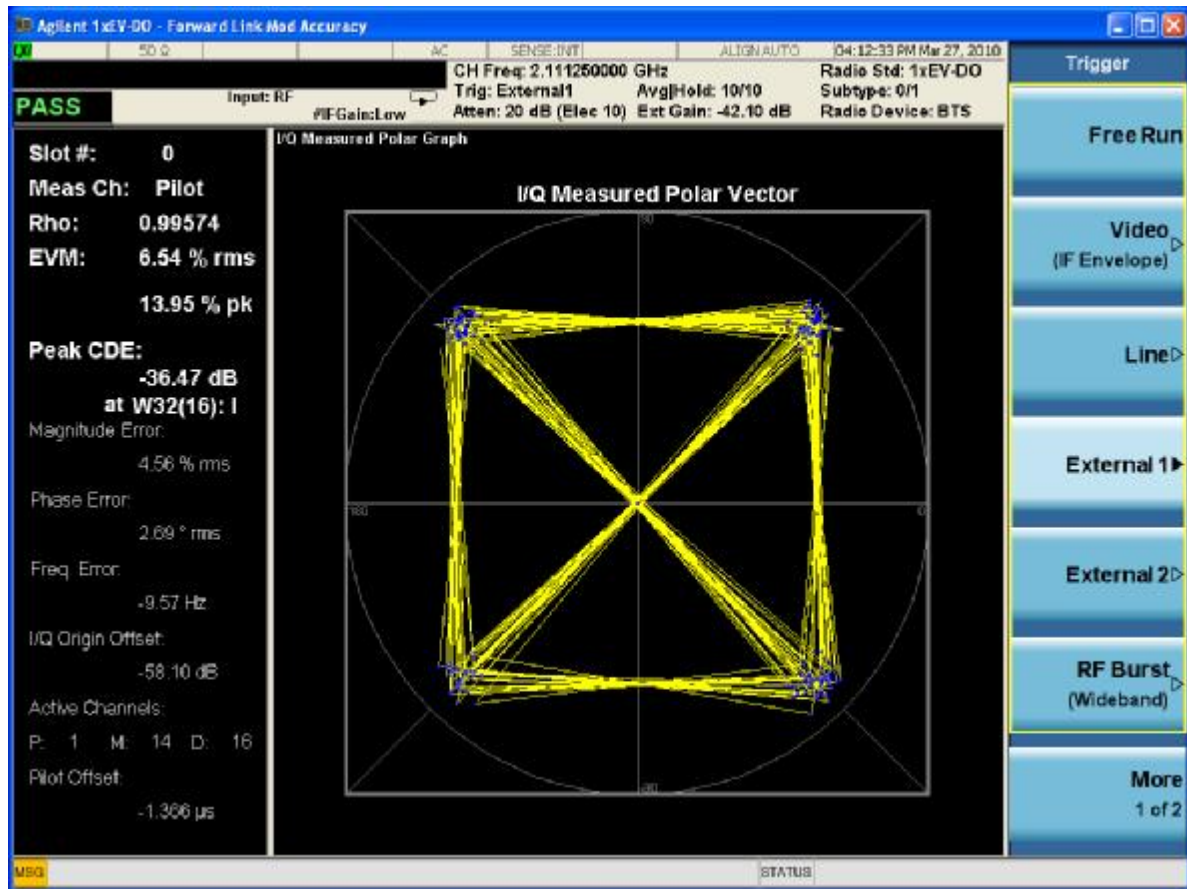


Channel 875



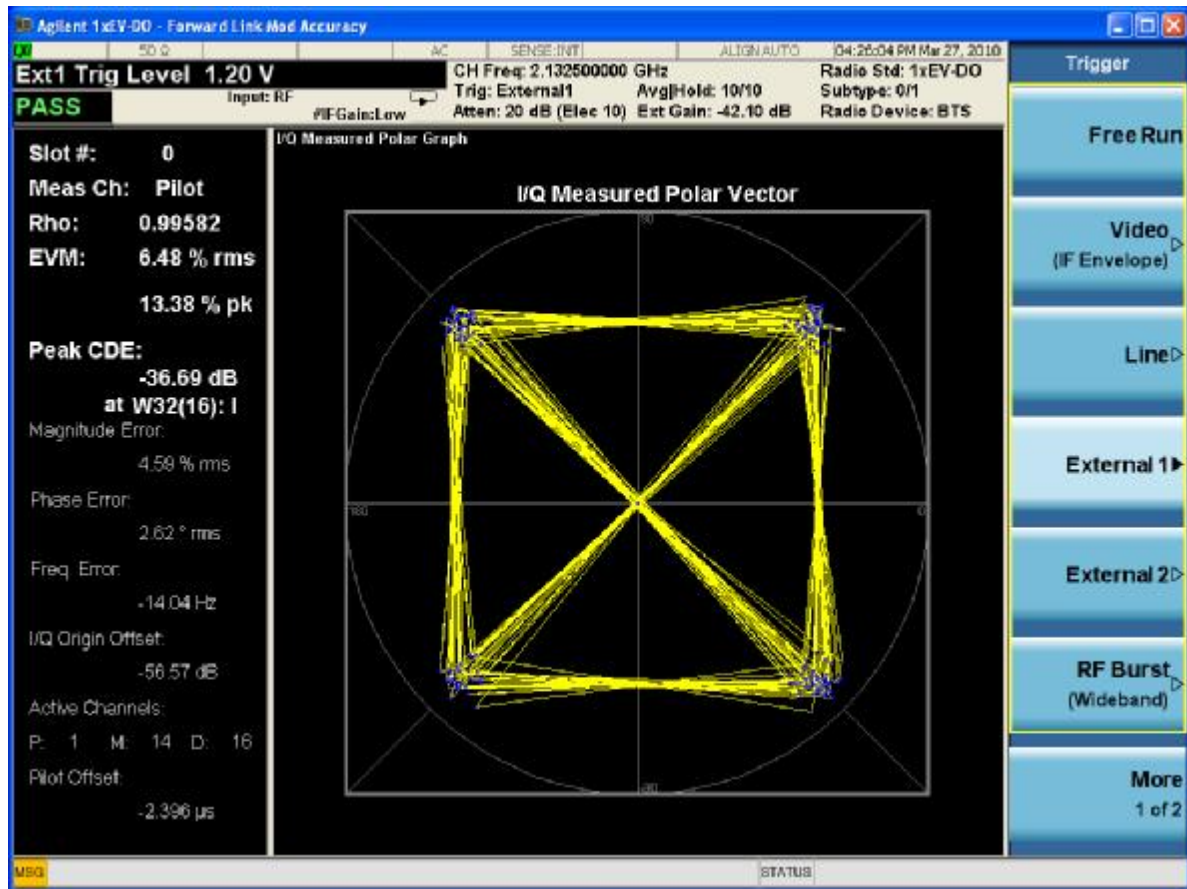


CDMA2000 1X EV-DO: Channel 25



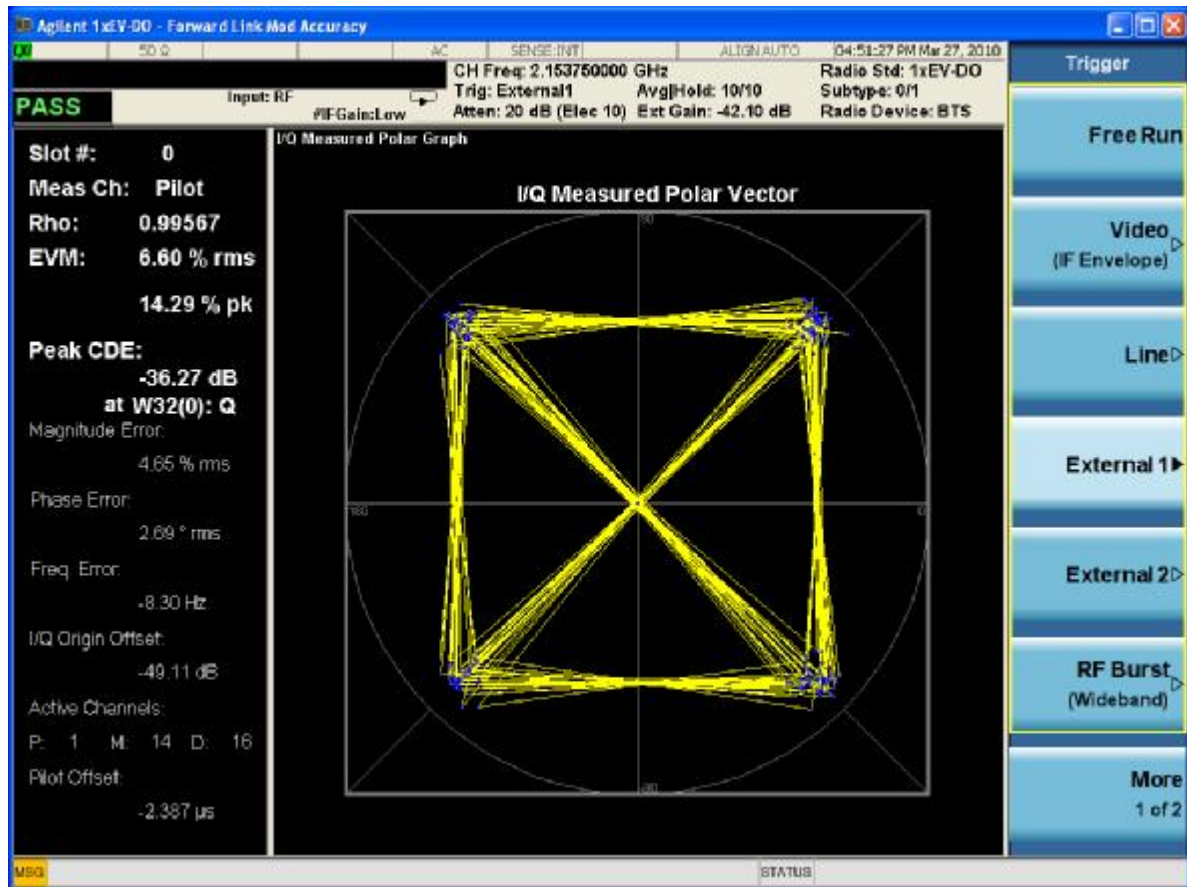


Channel 450

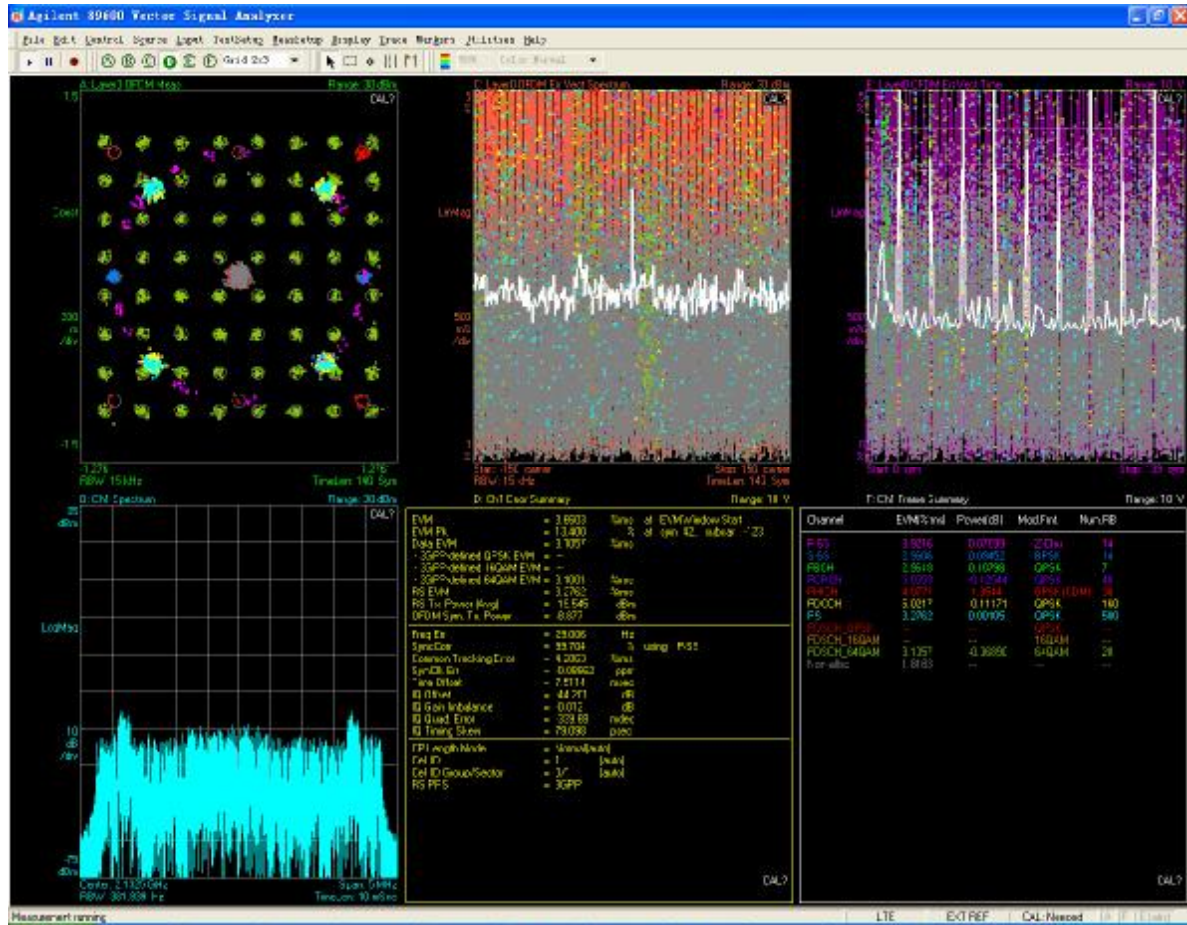




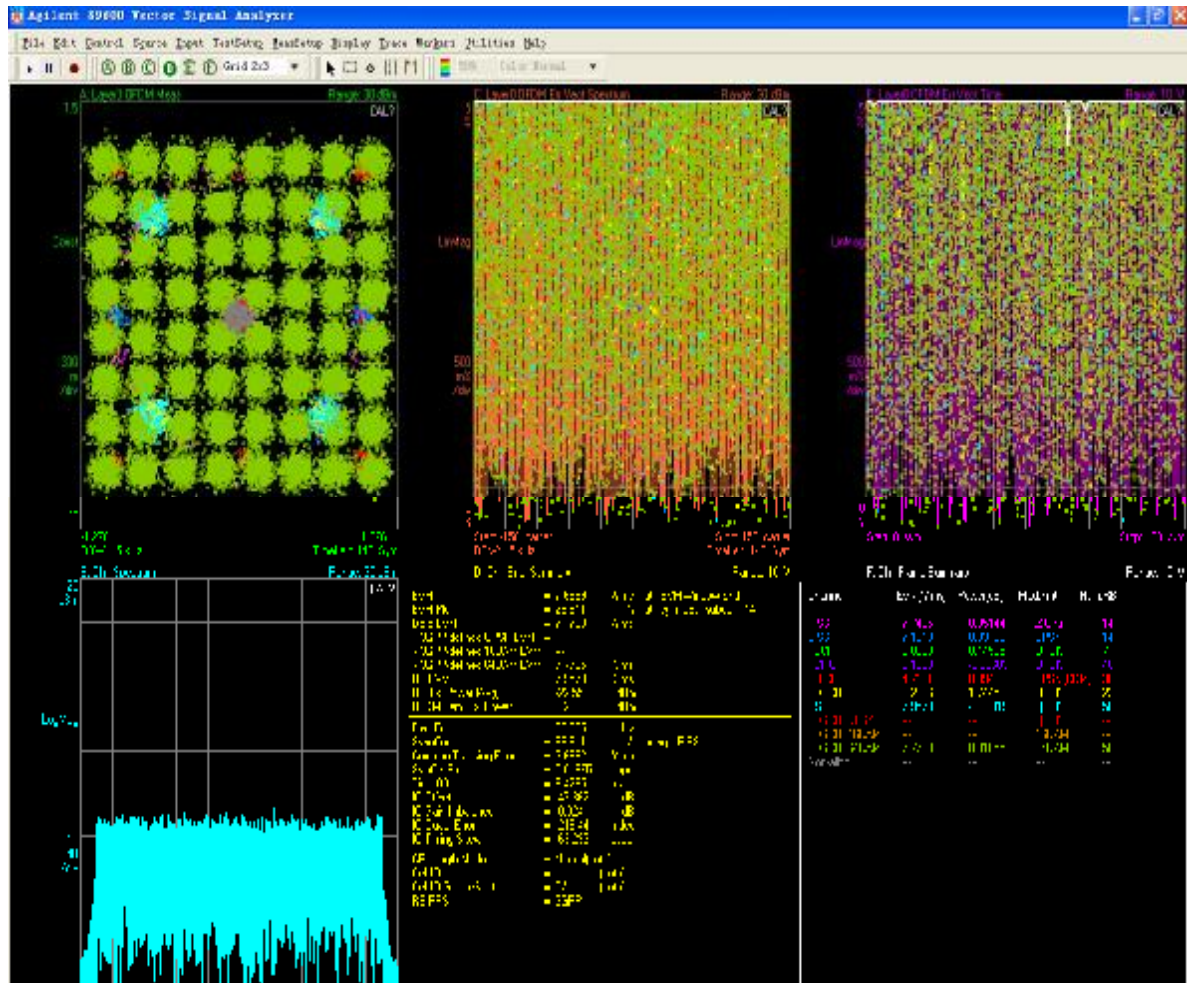
Channel 875



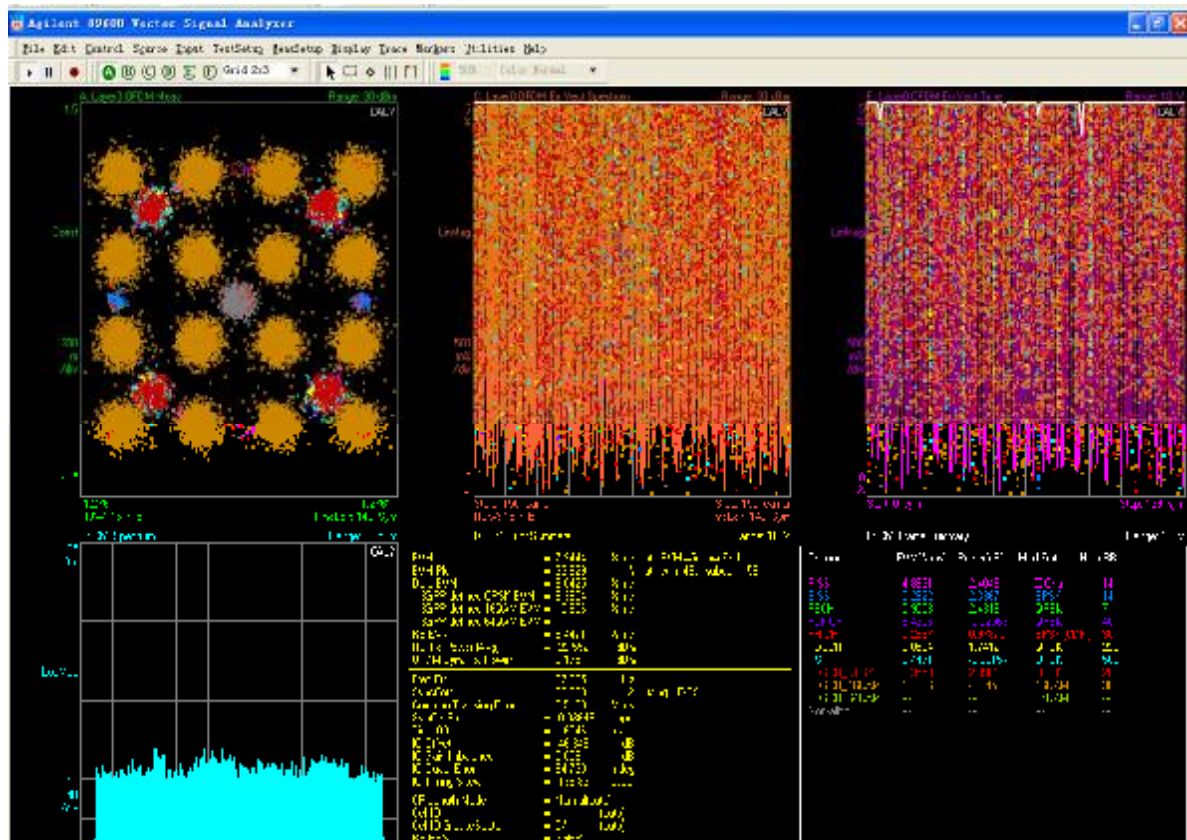
3) LTE 5MHz bandwidth
TM2.0: 64QAM
Channel 2175



Channel 2175

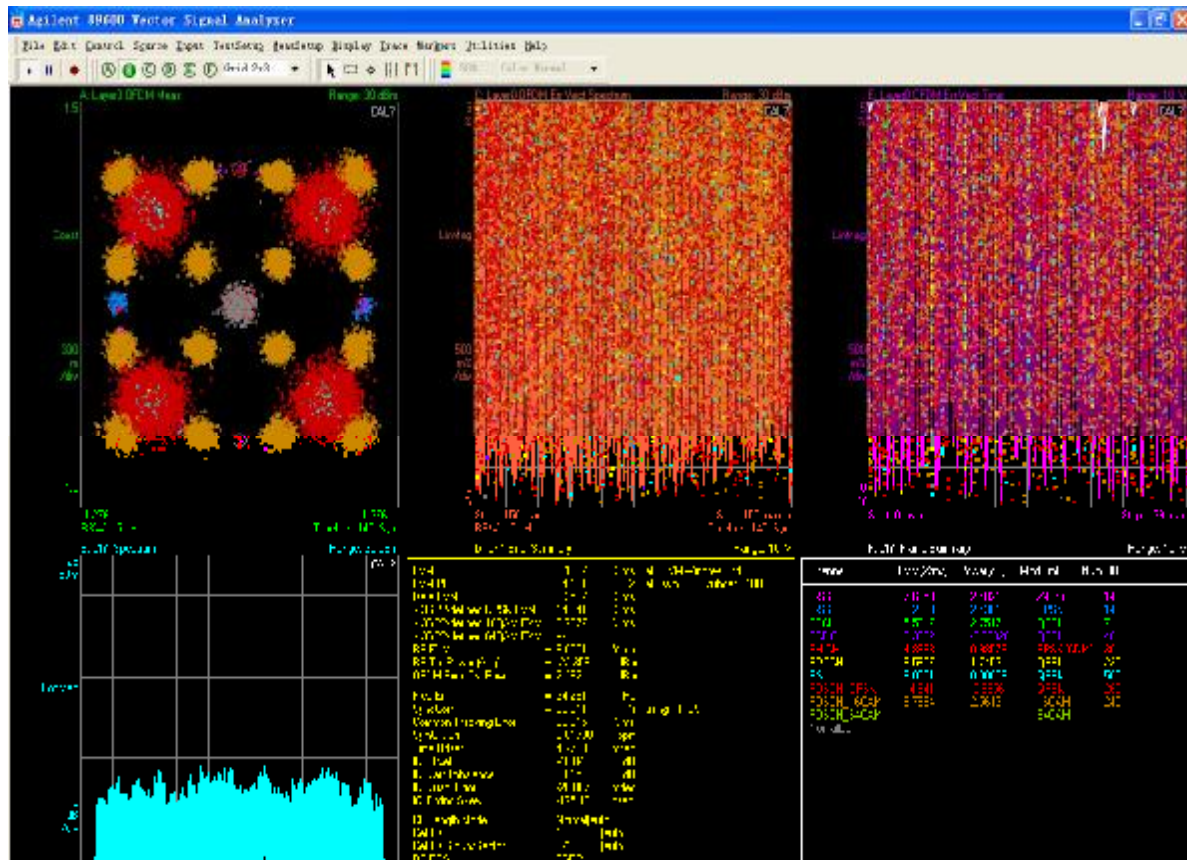


Channel 2175



TM3.3: QPSK

Channel 2175





Appendix B

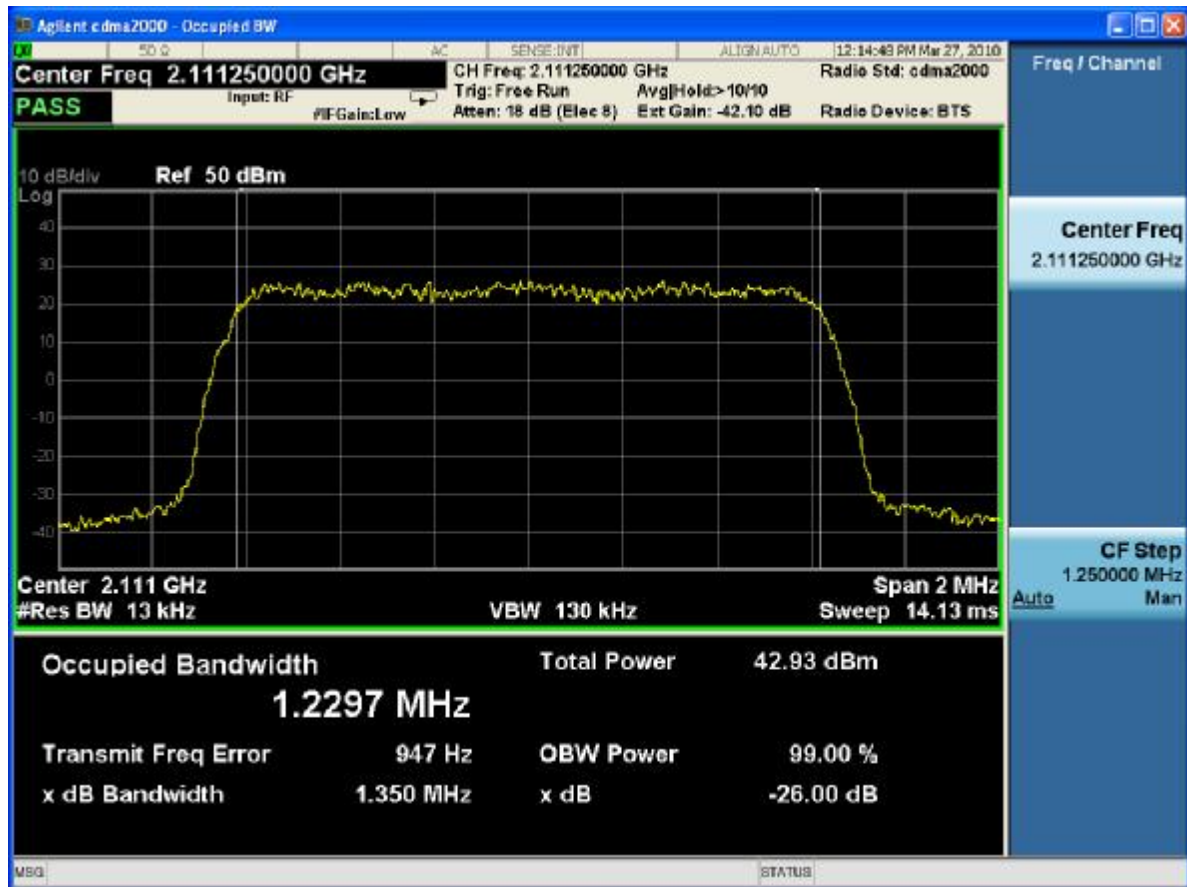
Occupied Bandwidth Measurement

According to CFR 47 (FCC) part 2.1049



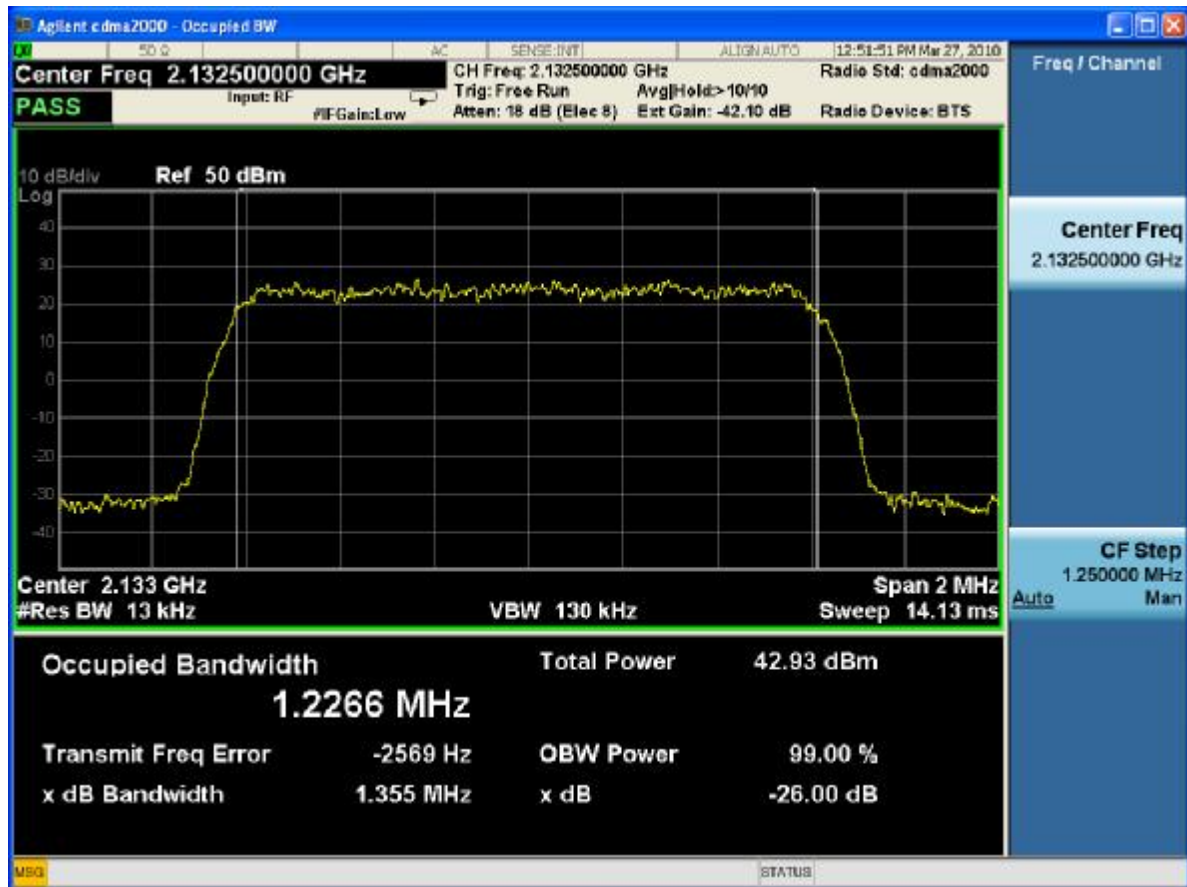
CDMA2000 1X

Channel 25



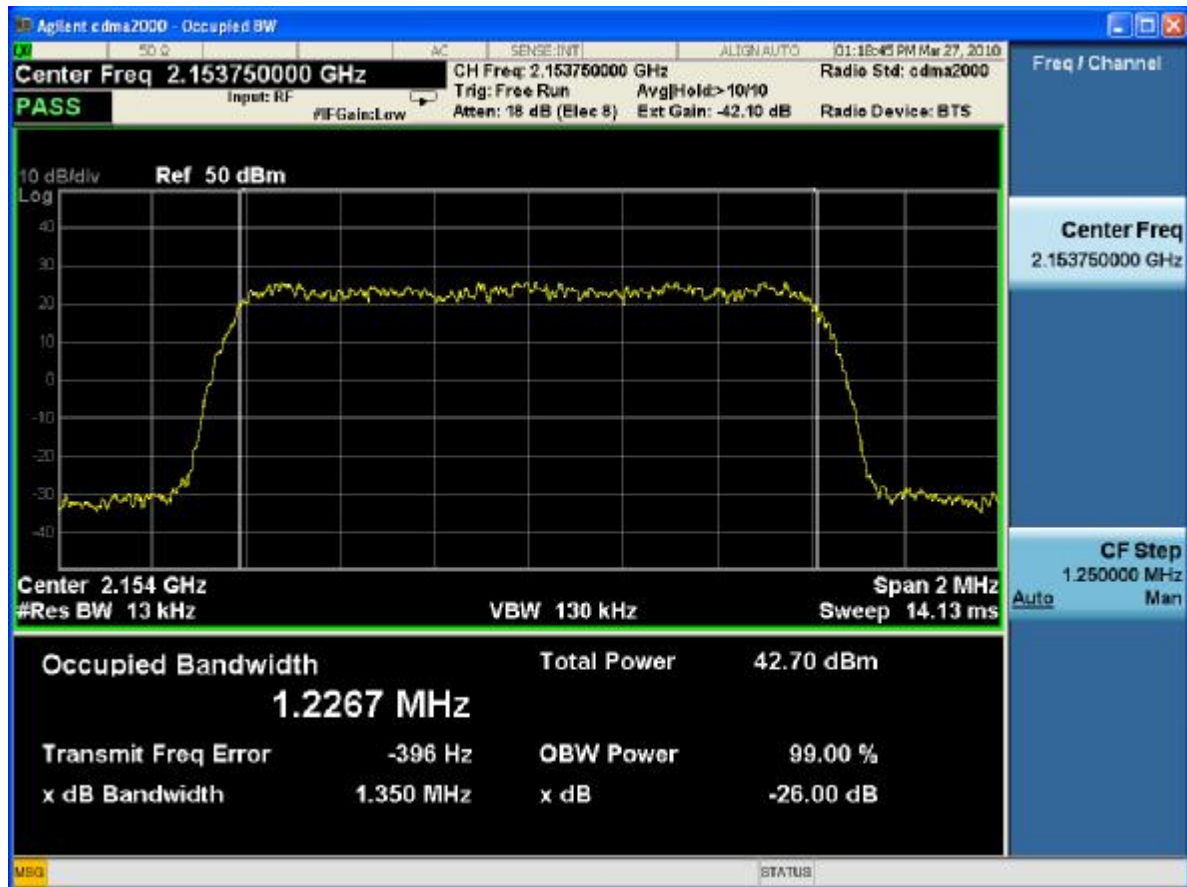


Channel 450



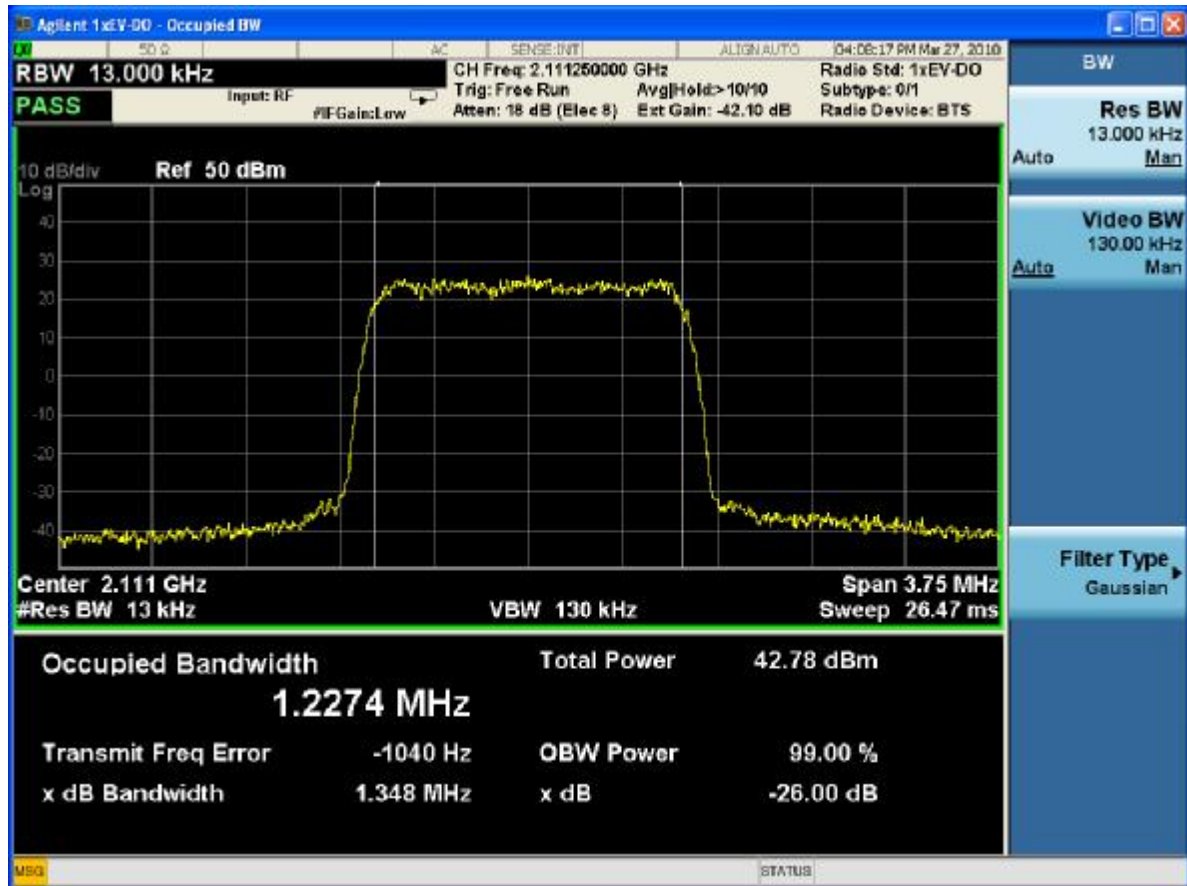


Channel 875



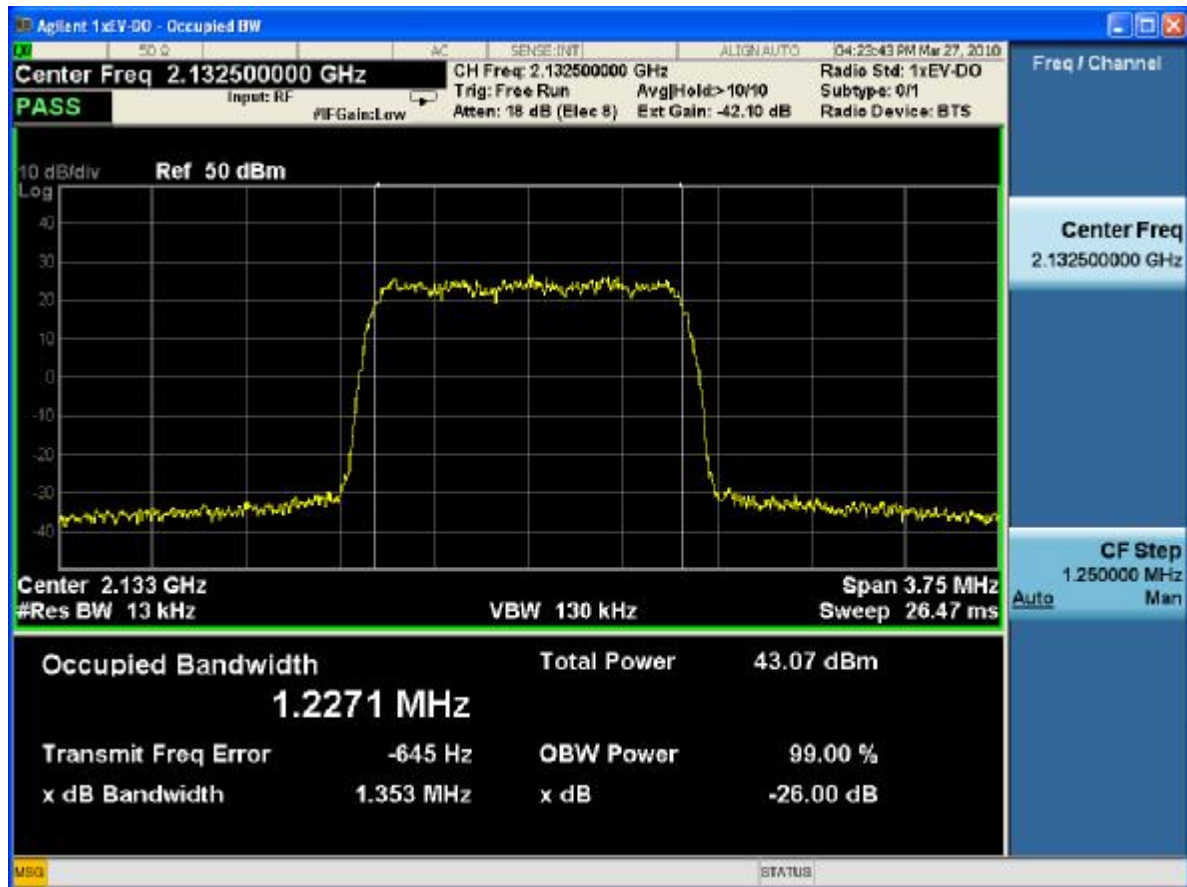


CDMA2000 1X EV-DO Channel 25



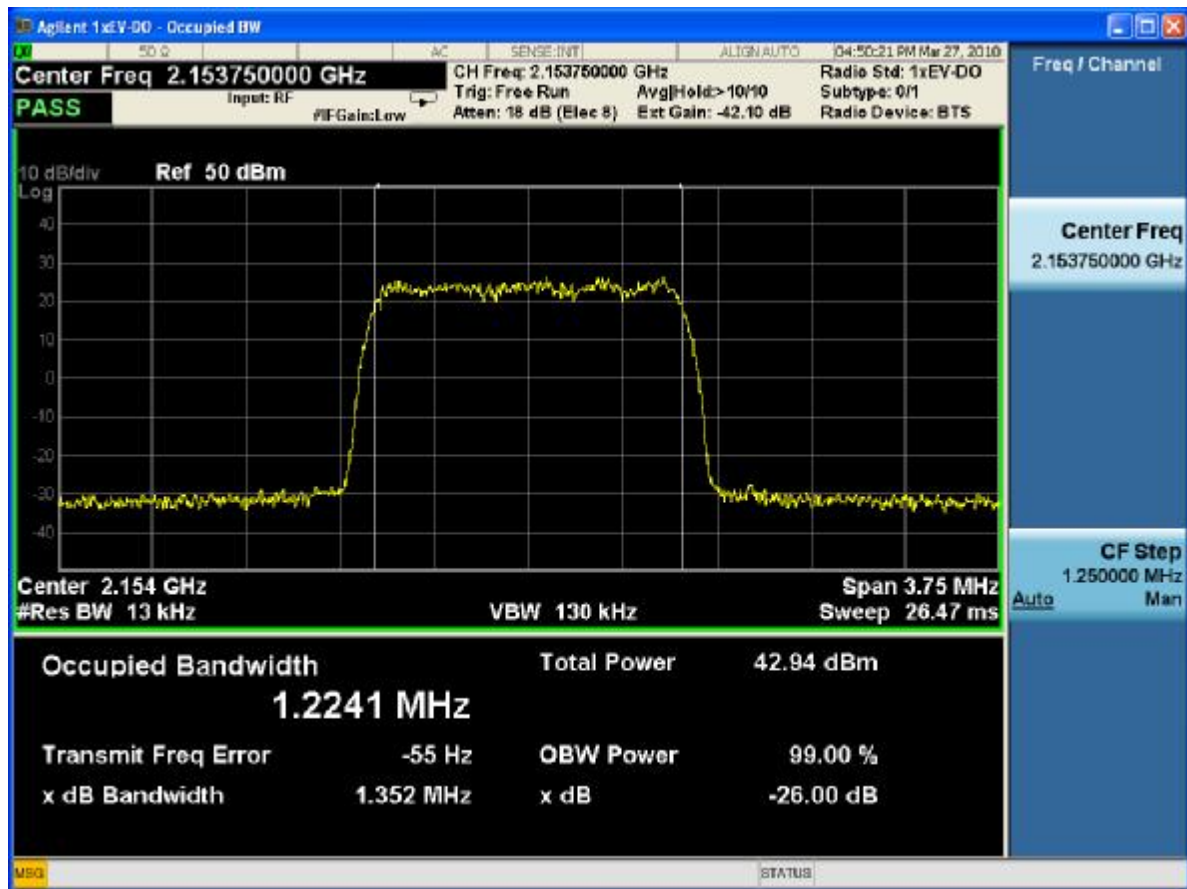


Channel 450





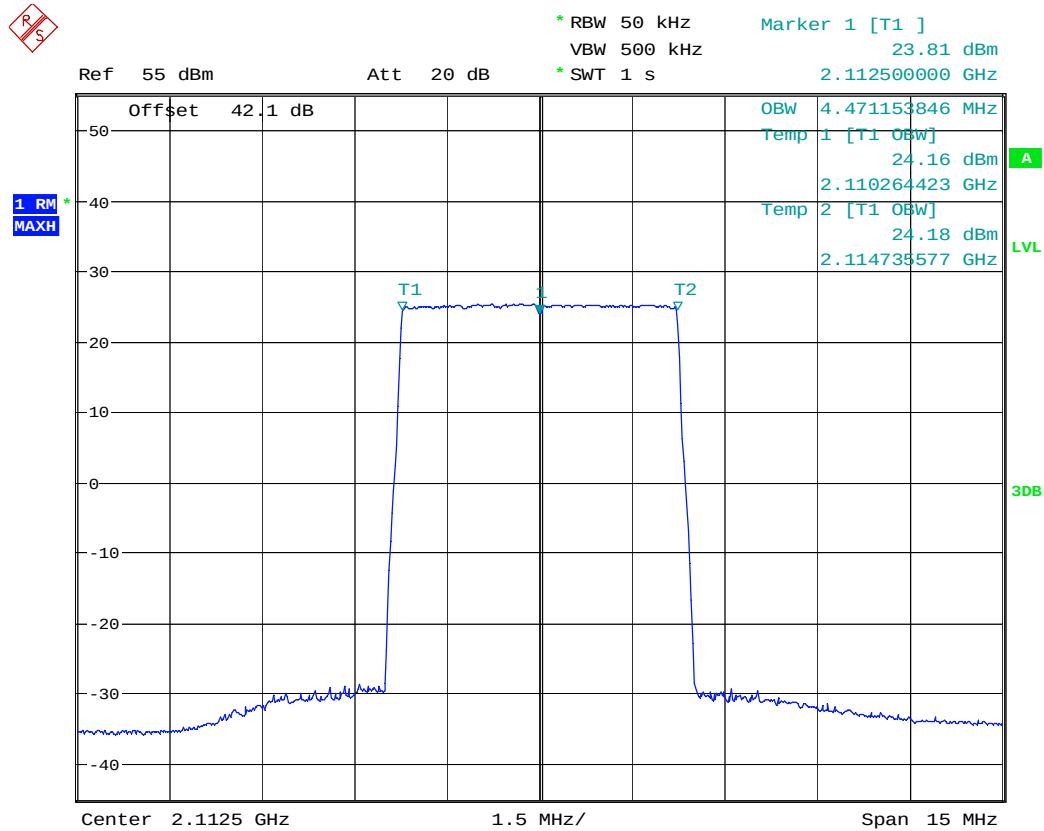
Channel 875





LTE 5MHz bandwidth E-TM1.1

Channel 1975



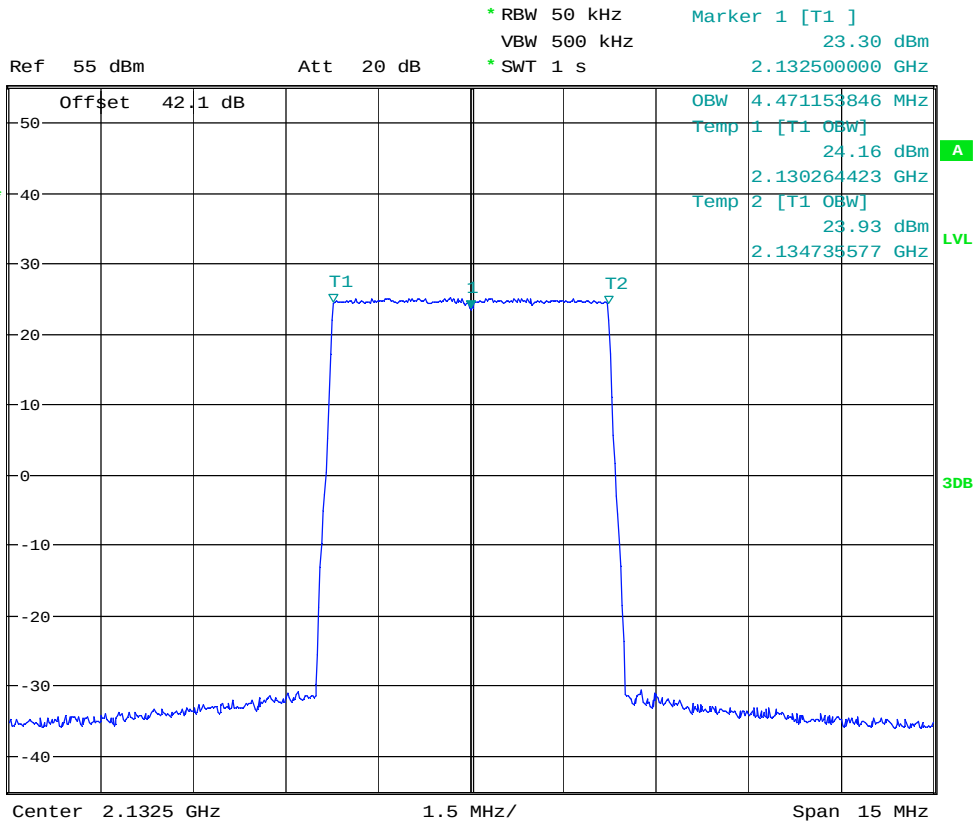
Date: 24.APR.2010 18:20:48



Channel 2175



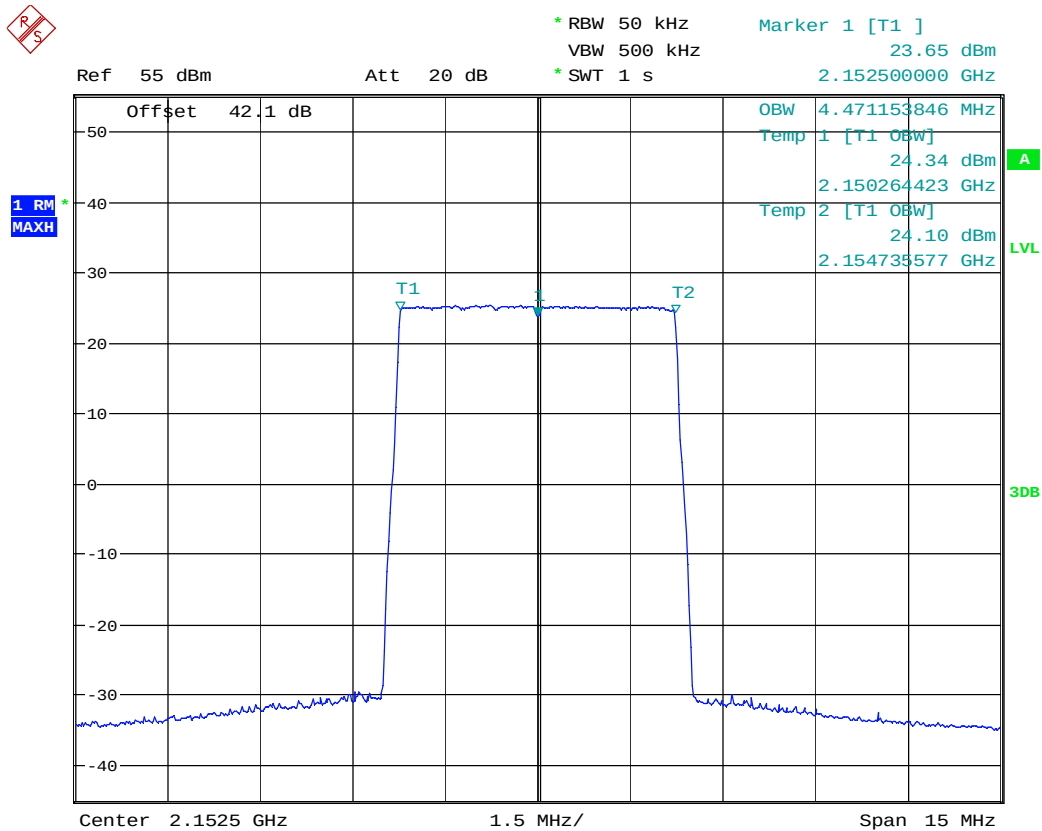
1 RM
CLRWR



Date: 24.APR.2010 18:02:40



Channel 2375



Date: 24.APR.2010 18:49:21



Appendix C

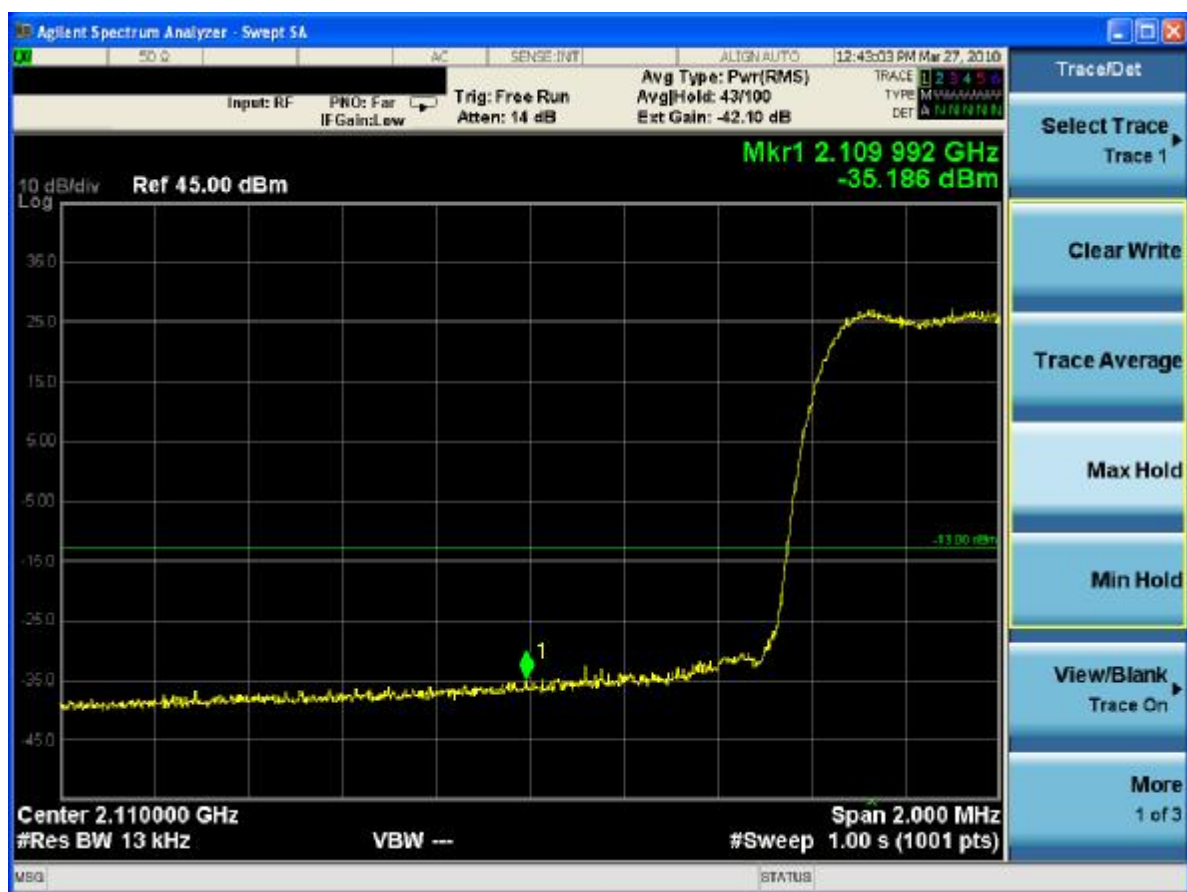
Band Edge Measurements According to FCC Part 2.1051 & 27.53(g)



CDMA2000 1X:

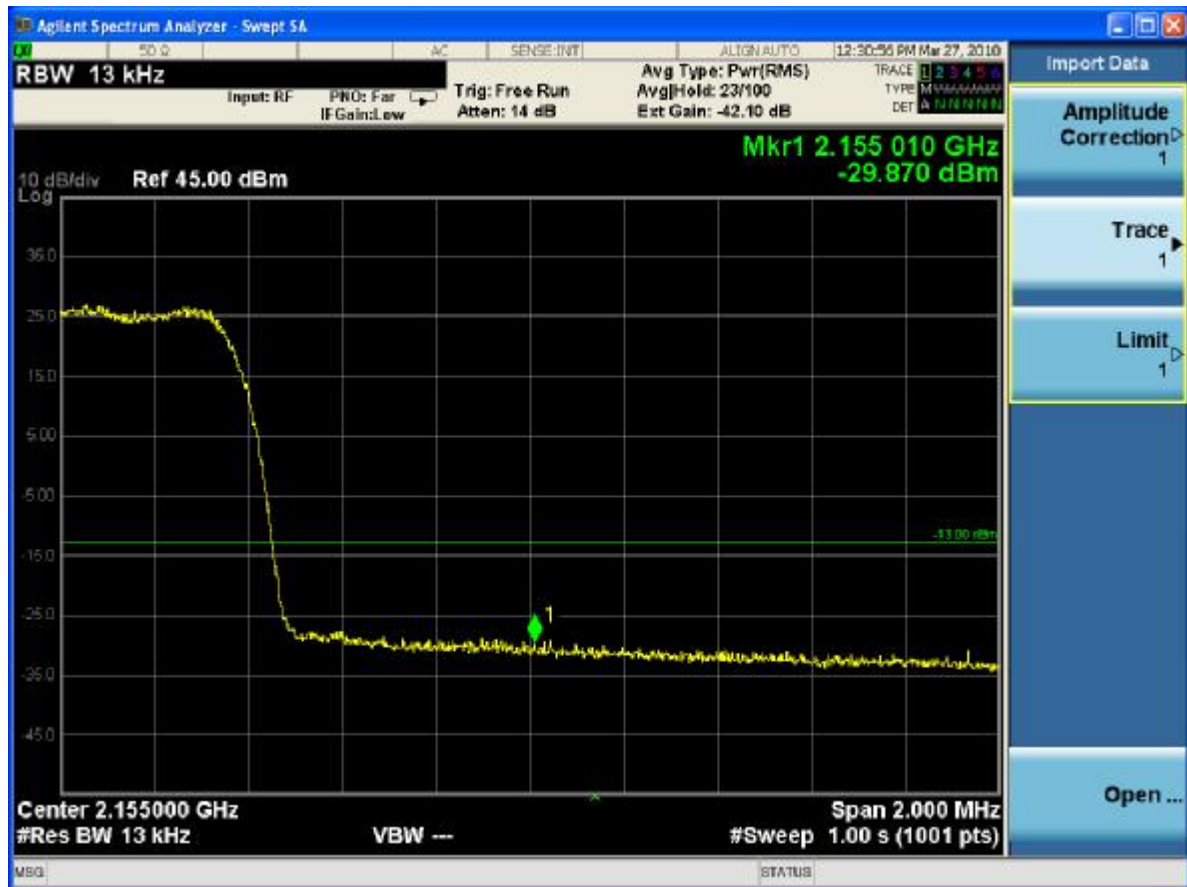
A. Single Carrier:

Channel 25 (2111.25 MHz)





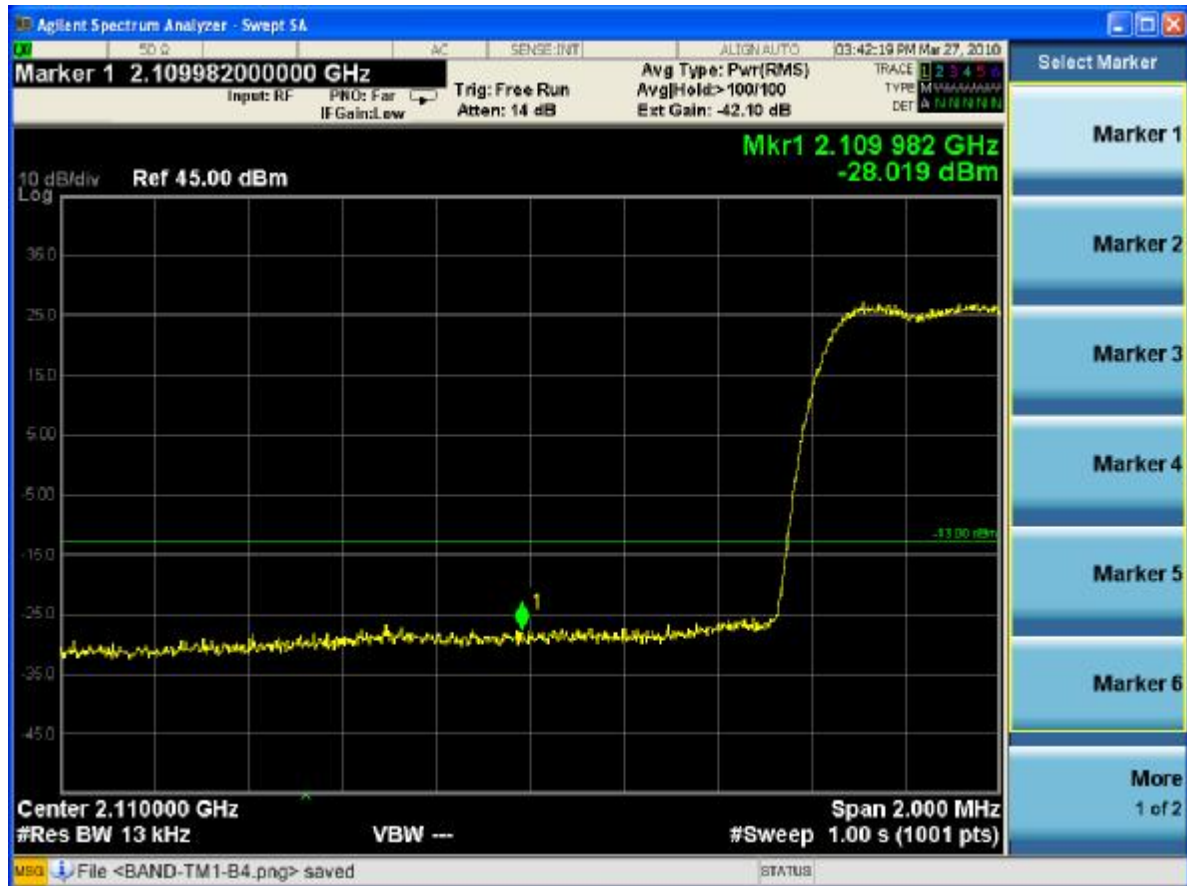
Channel 875 (2153.75 MHz)





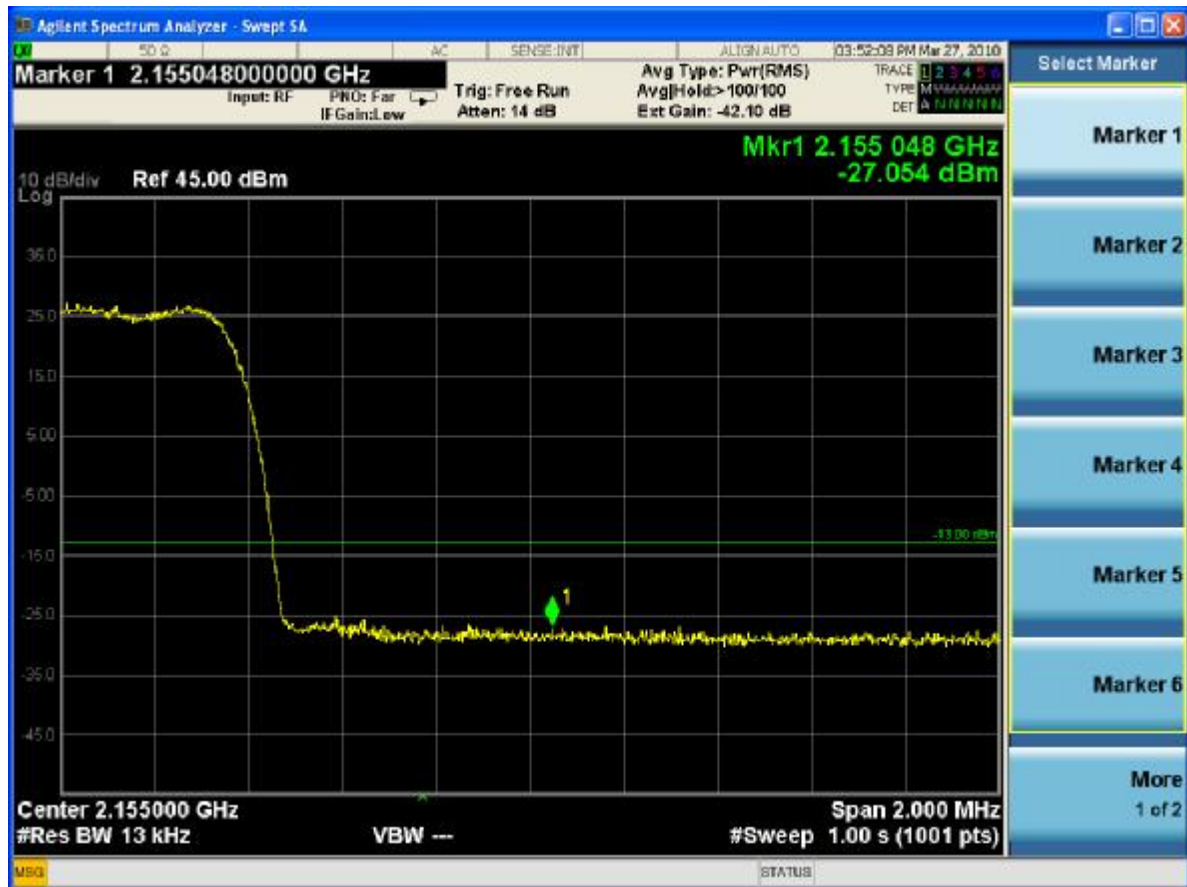
B. Multiple Carriers:

Channel Number: 25/50/75/100





Channel Number: 800/825/850/875

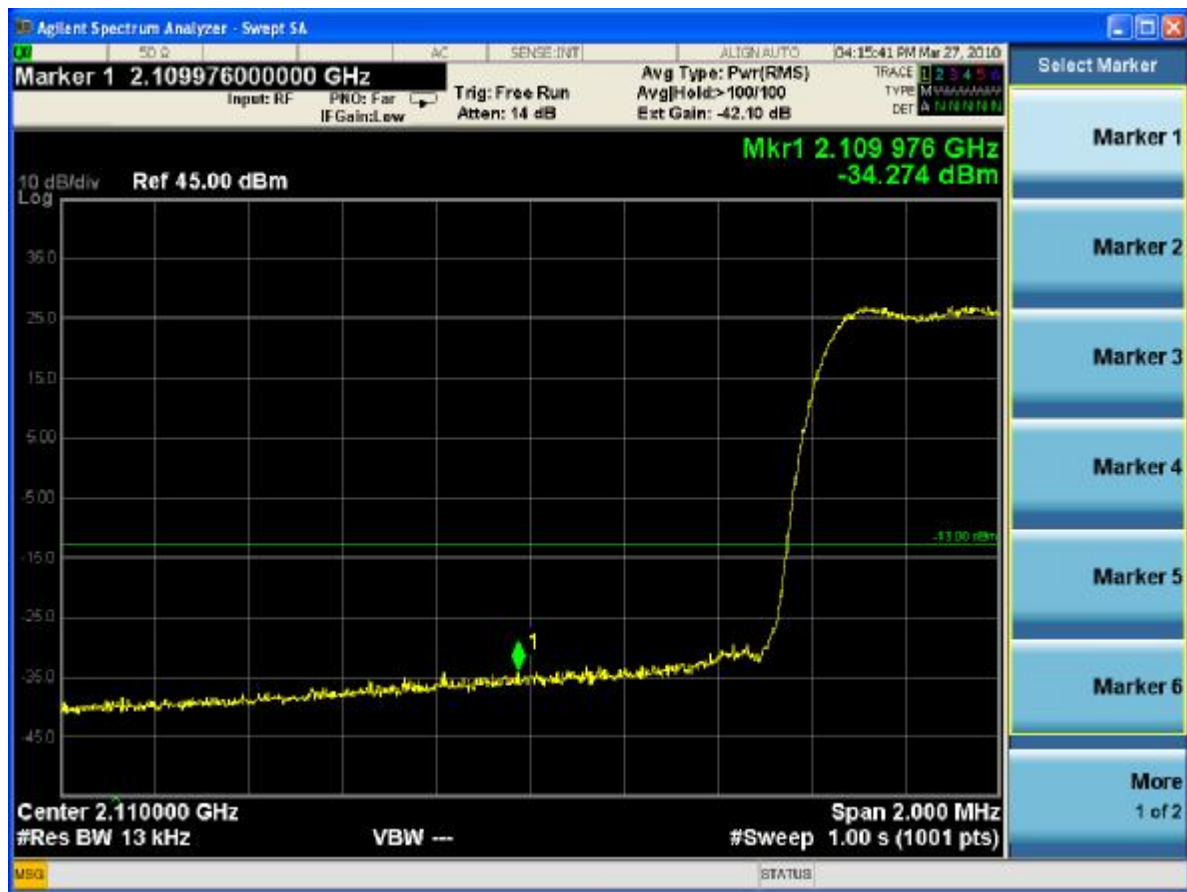




CDMA2000 EVDO:

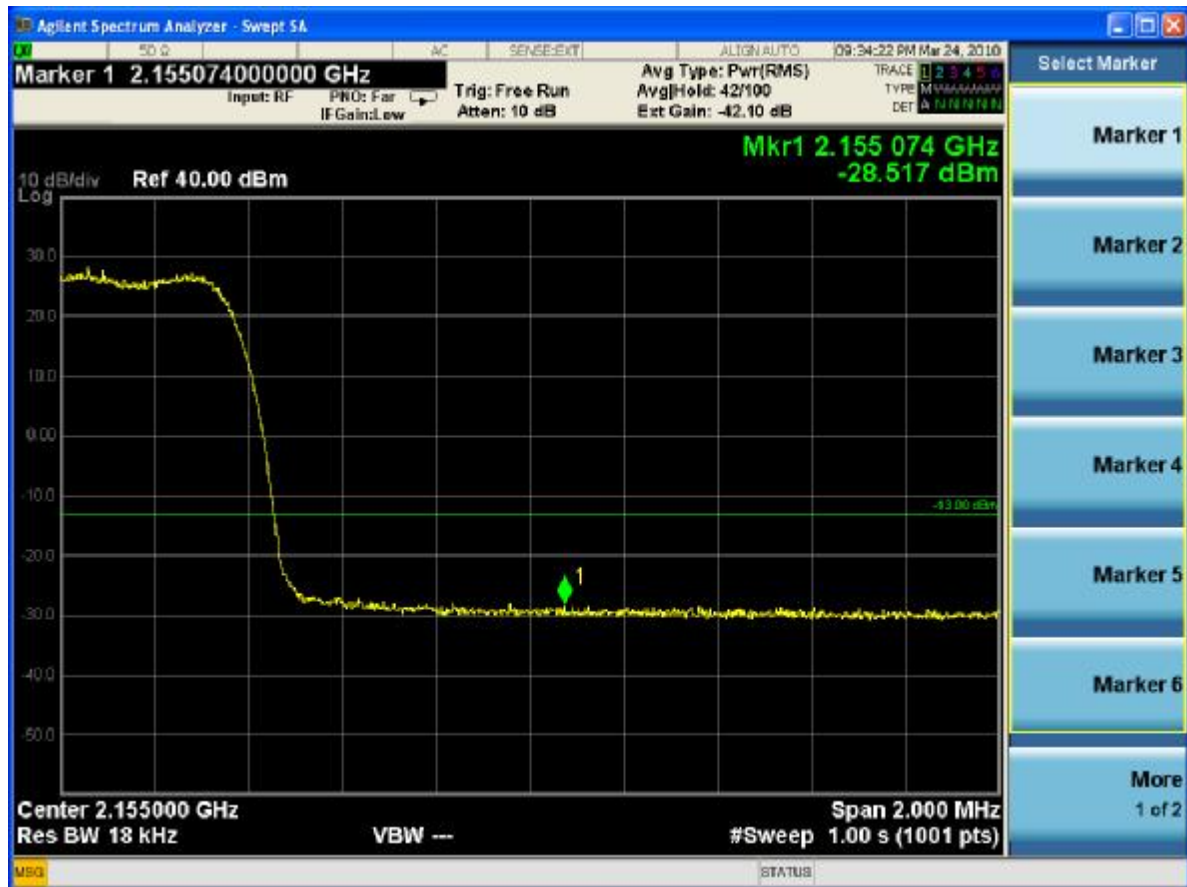
A. Single Carrier:

Channel 25 (2111.25 MHz)





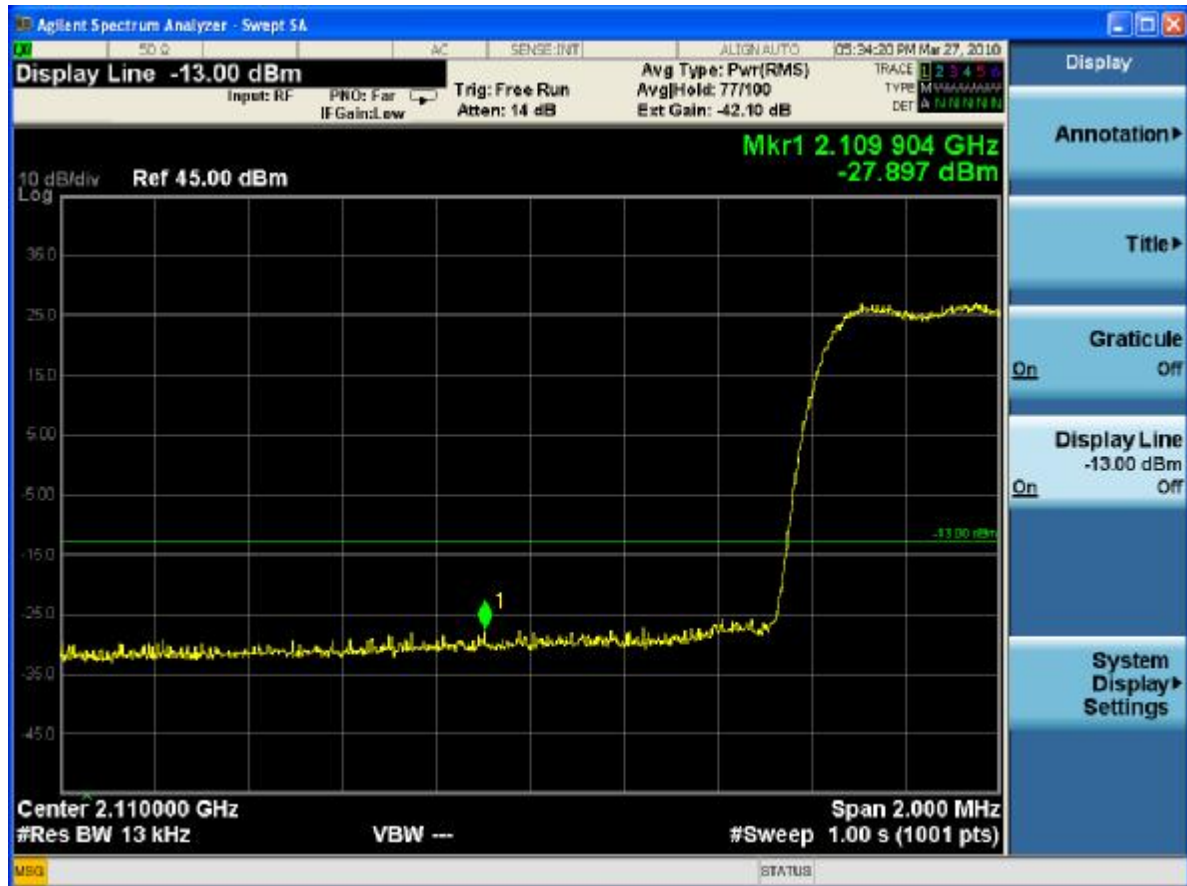
Channel 875 (2153.75 MHz)





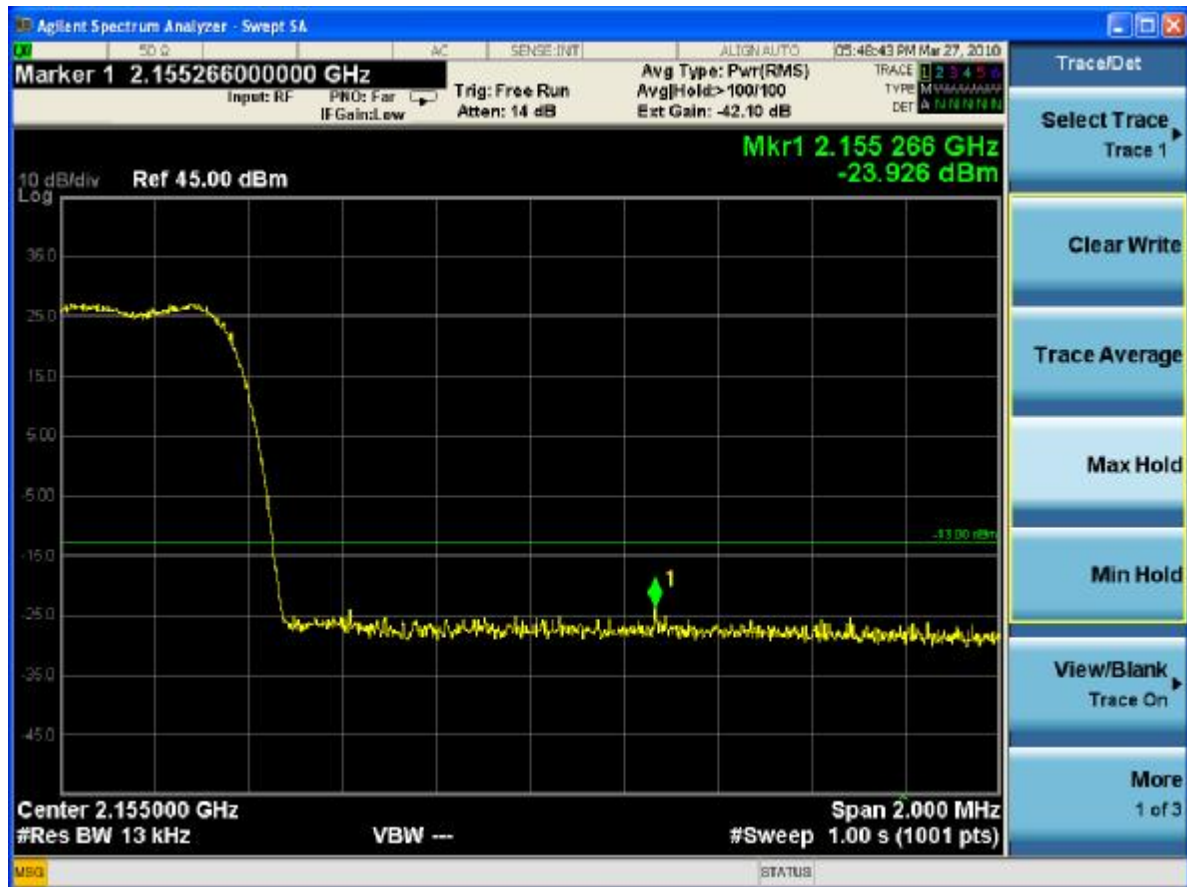
B. Multiple Carriers:

Channel Number:
25/50/75/100





Channel Number: 800/825/850/875

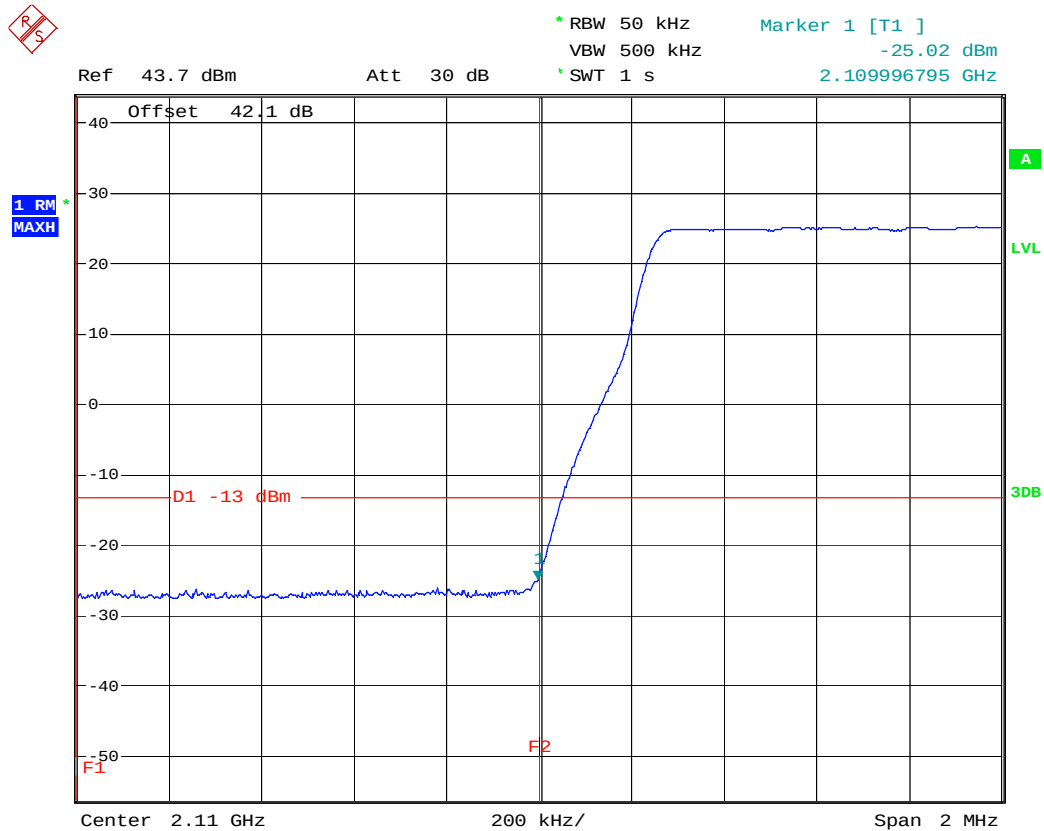




LTE 5MHz bandwidth:

A. E-TM1.1

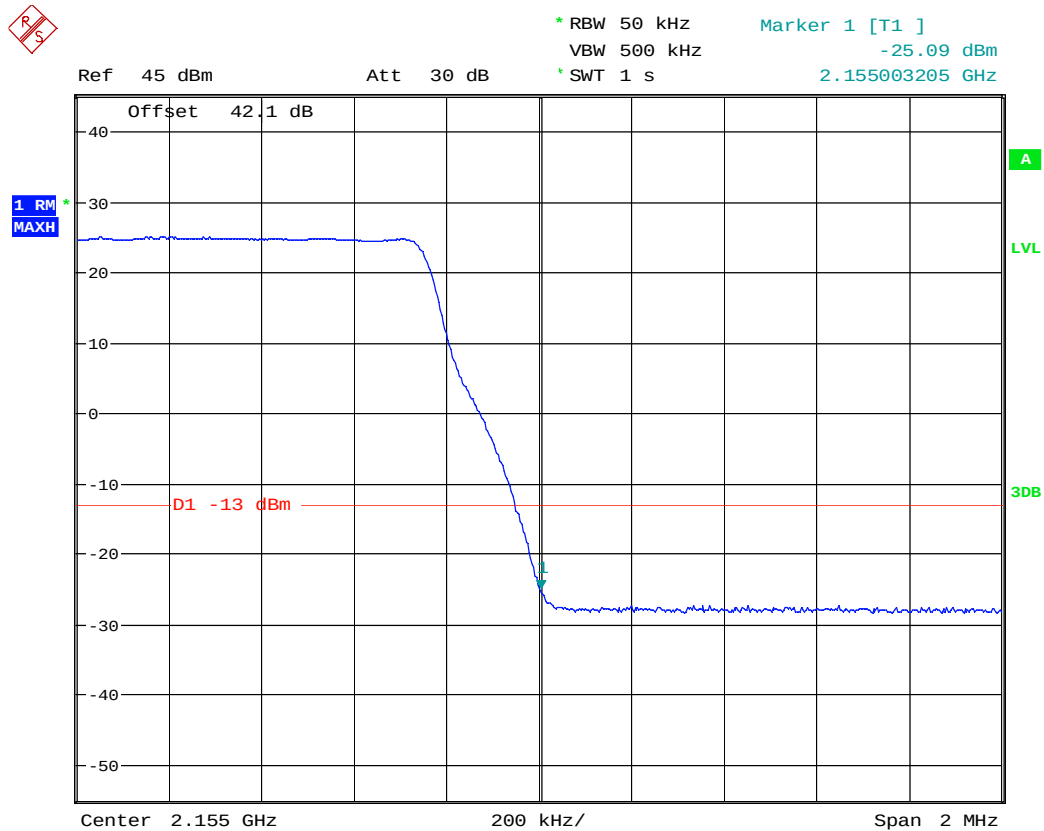
Channel 1975 (2112.5 MHz)



Date: 24.APR.2010 18:22:52



Channel 2375 (2152.5 MHz)

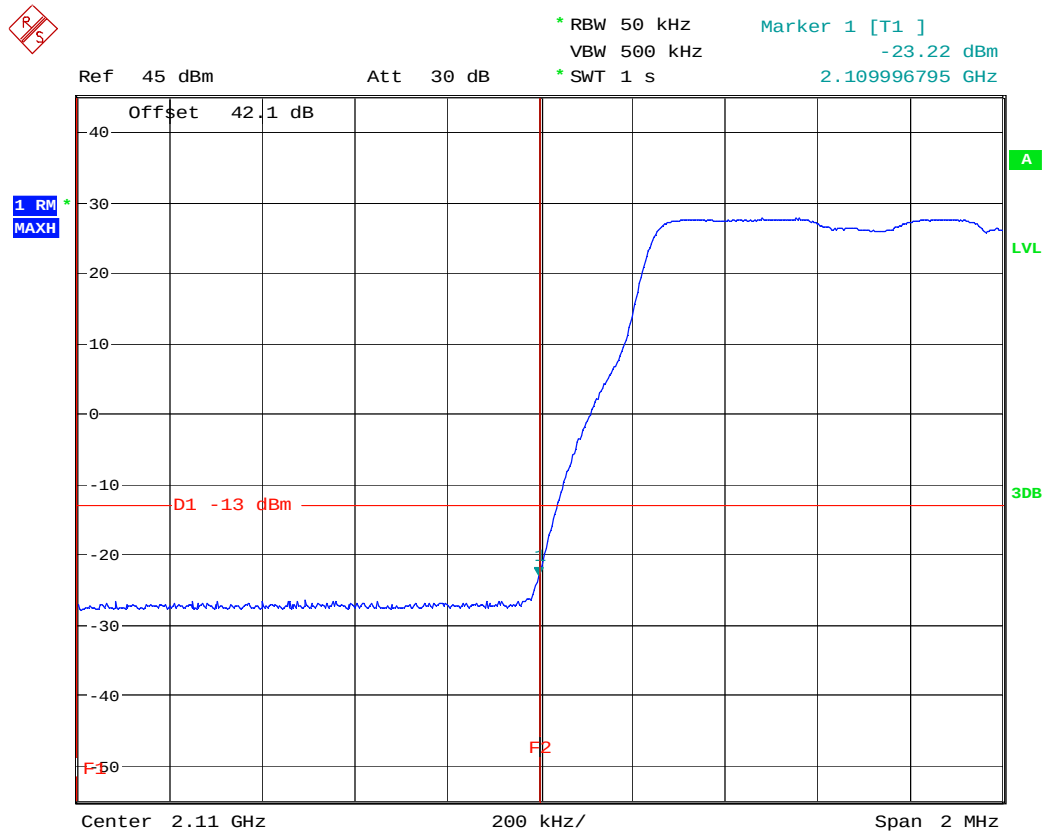


Date: 24.APR.2010 18:50:52



B. E-TM1.2

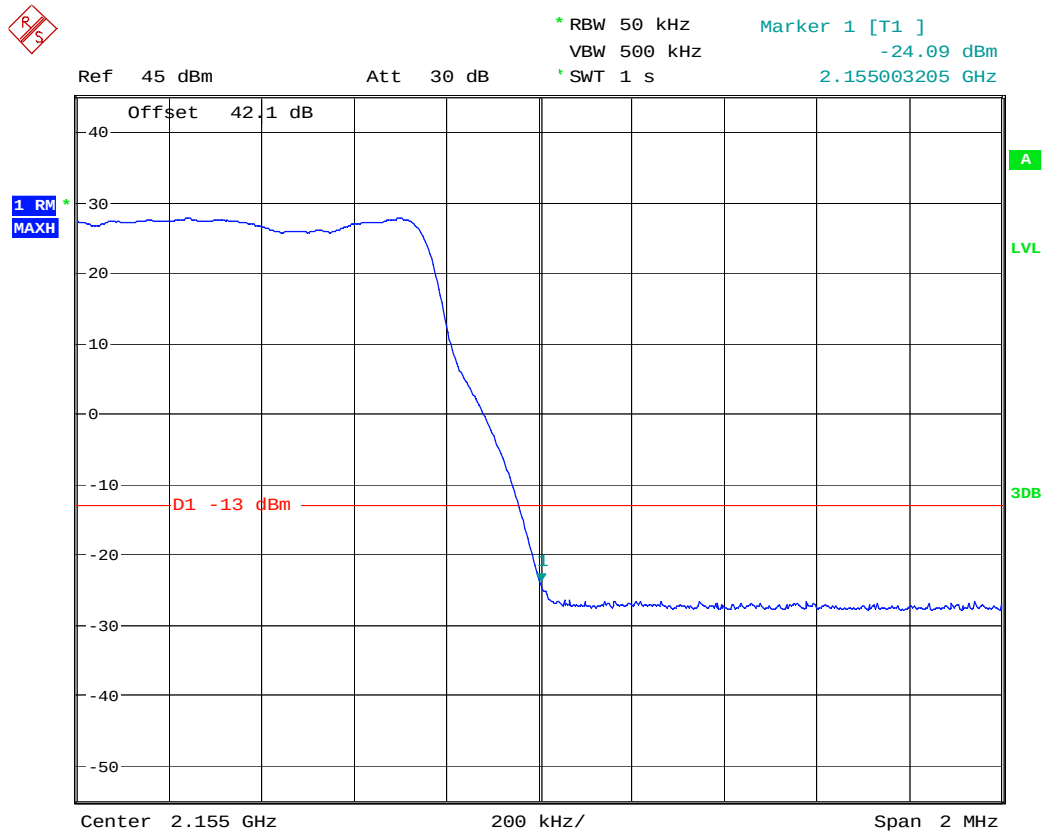
Channel1975(2112.5 MHz)



Date: 24.APR.2010 18:26:15



Channel 2375 (2152.5 MHz)



Date: 24.APR.2010 18:55:15



Appendix D

Conducted Spurious Emission Measurements

According to FCC Part 2.1051 & 27.53(g)

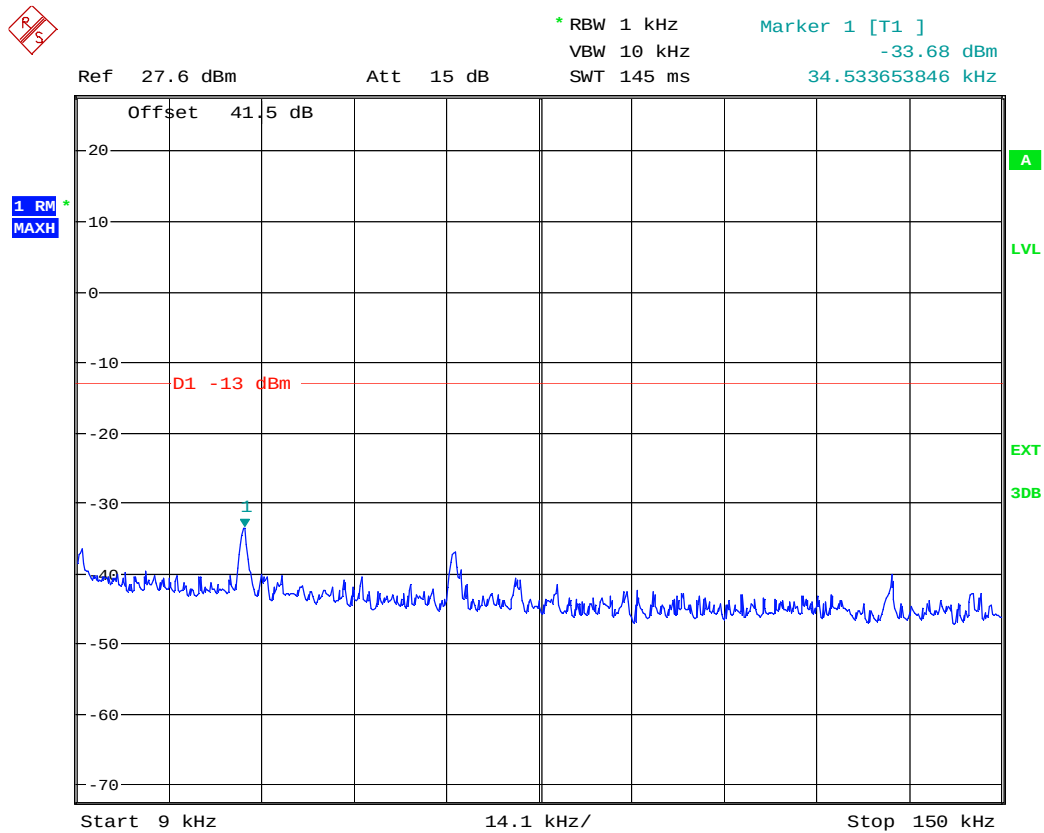


CDMA2000 1X:

A. Single Carrier

Channel Number: 25

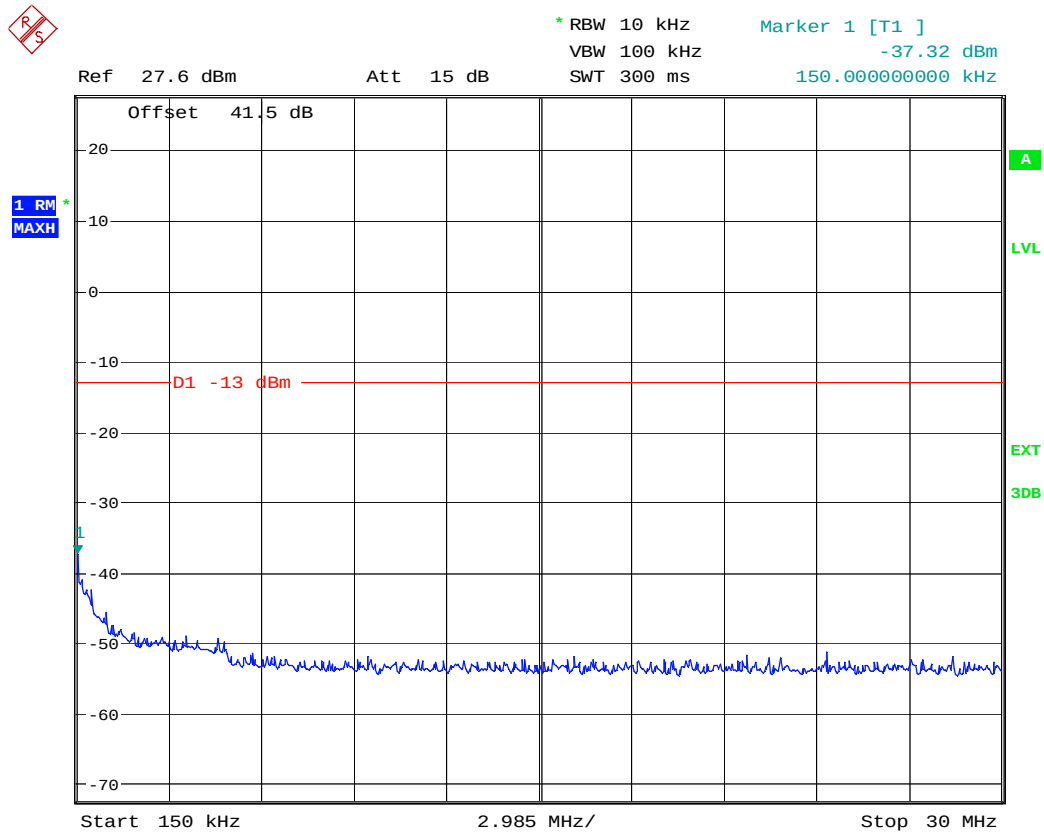
(9k ~ 150k)



Date: 29.MAR.2010 15:39:42



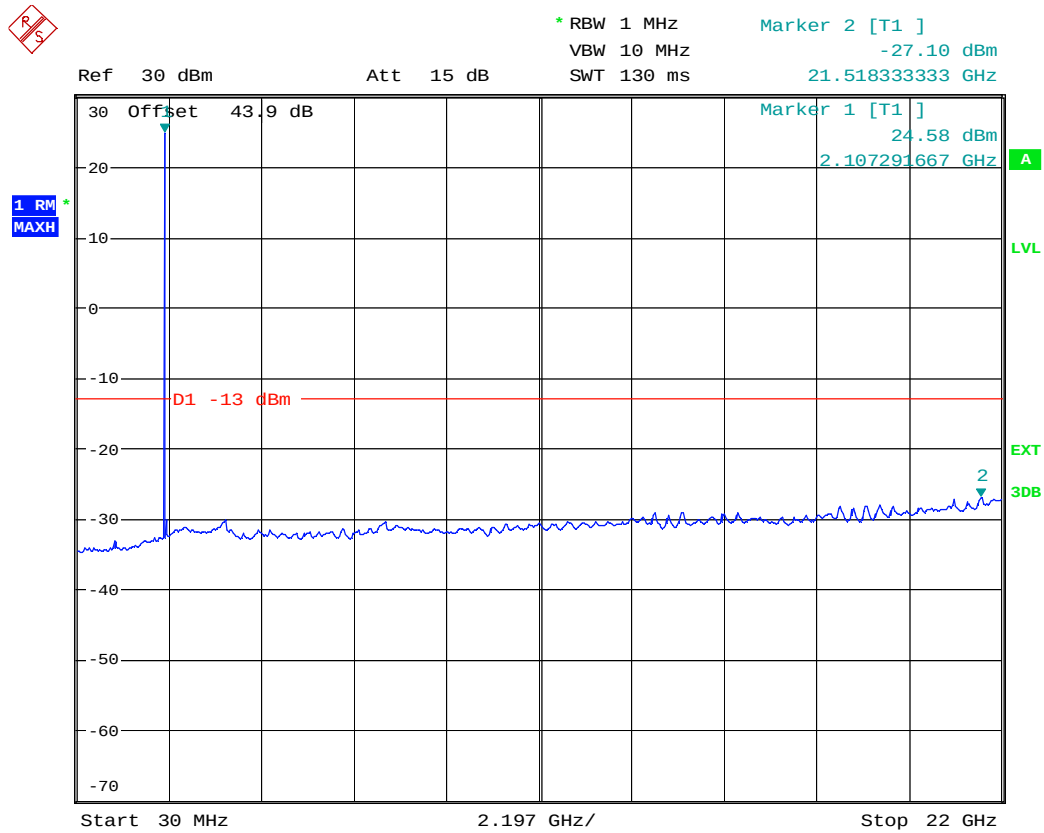
(150k ~ 30M)



Date: 29.MAR.2010 15:38:02



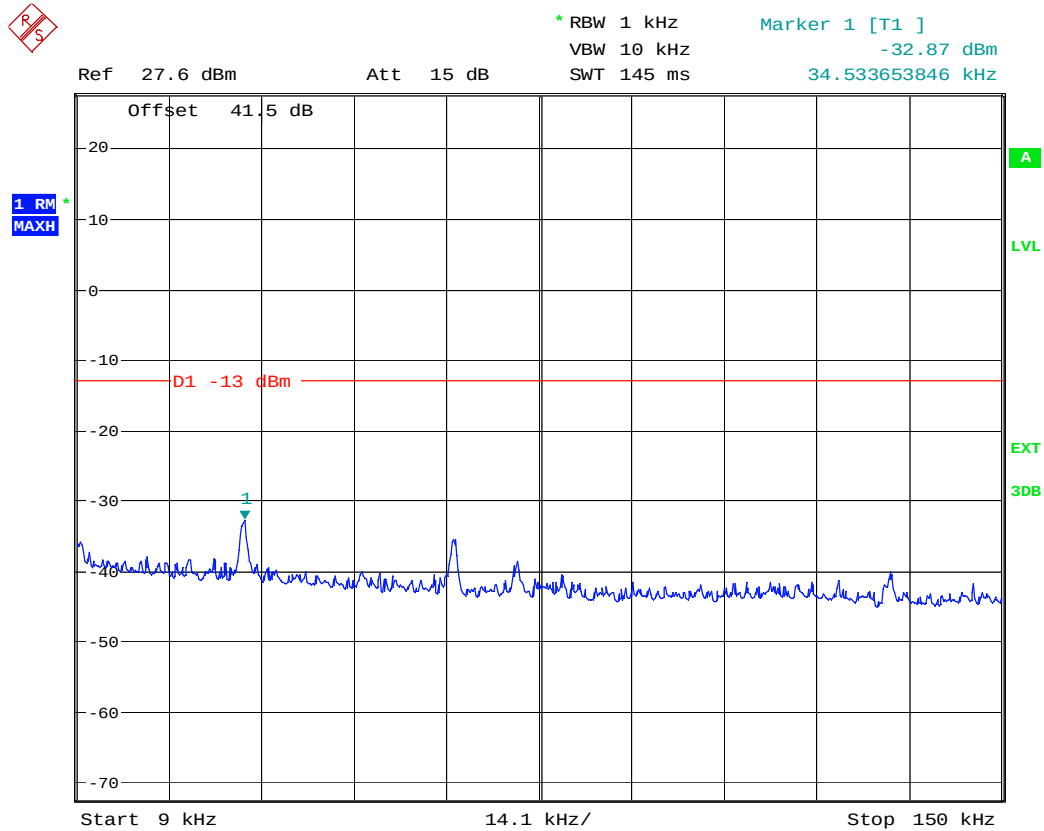
(30M~ 22G)



Date: 29.MAR.2010 15:33:34



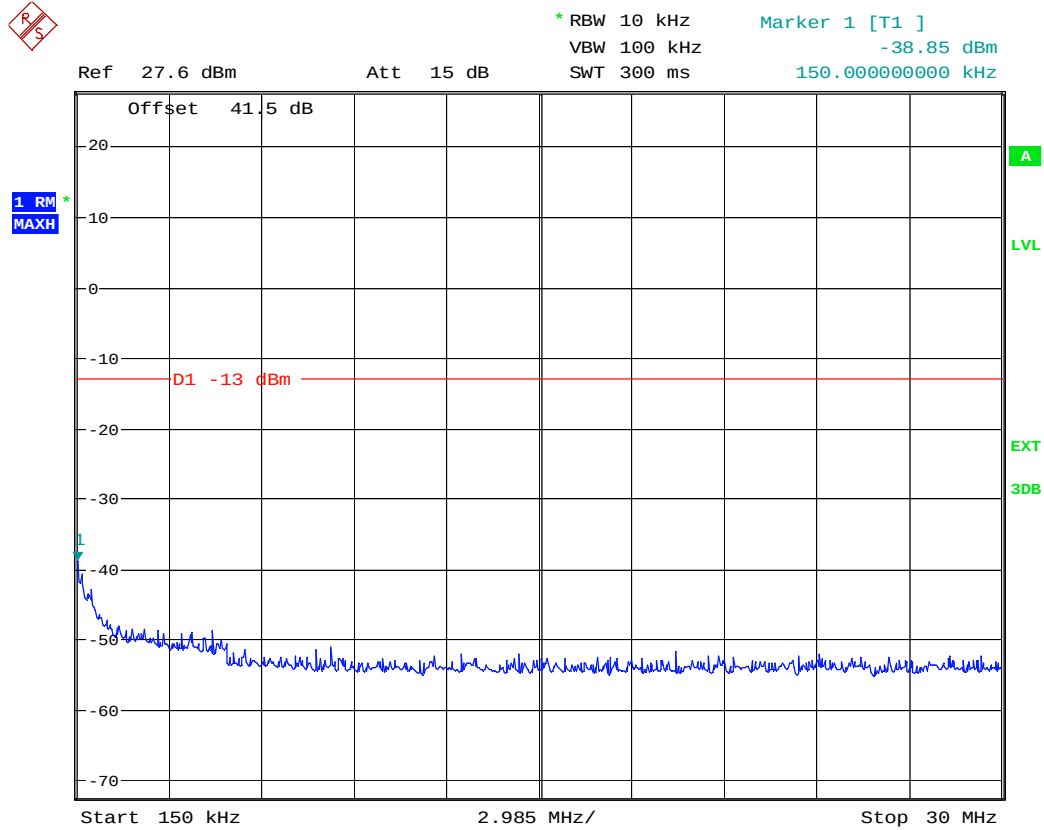
Channel Number: 450 (9k ~ 150k)



Date: 29.MAR.2010 15:52:32



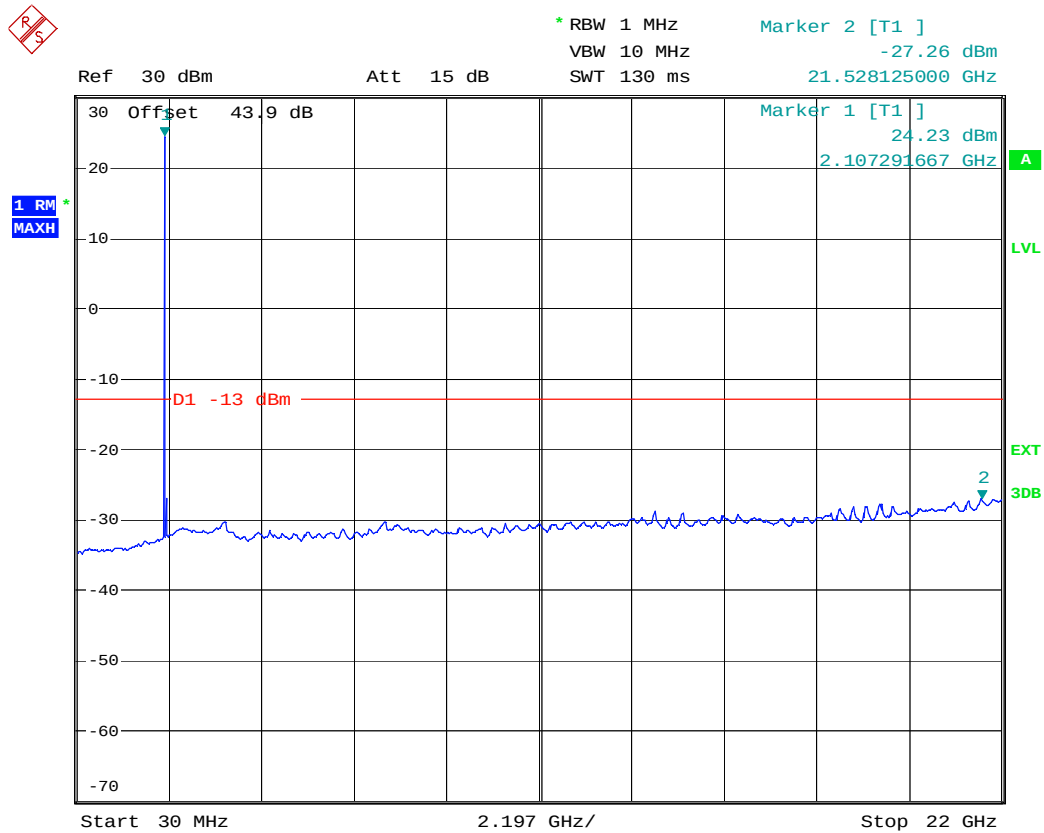
(150k ~ 30M)



Date: 29.MAR.2010 15:54:39



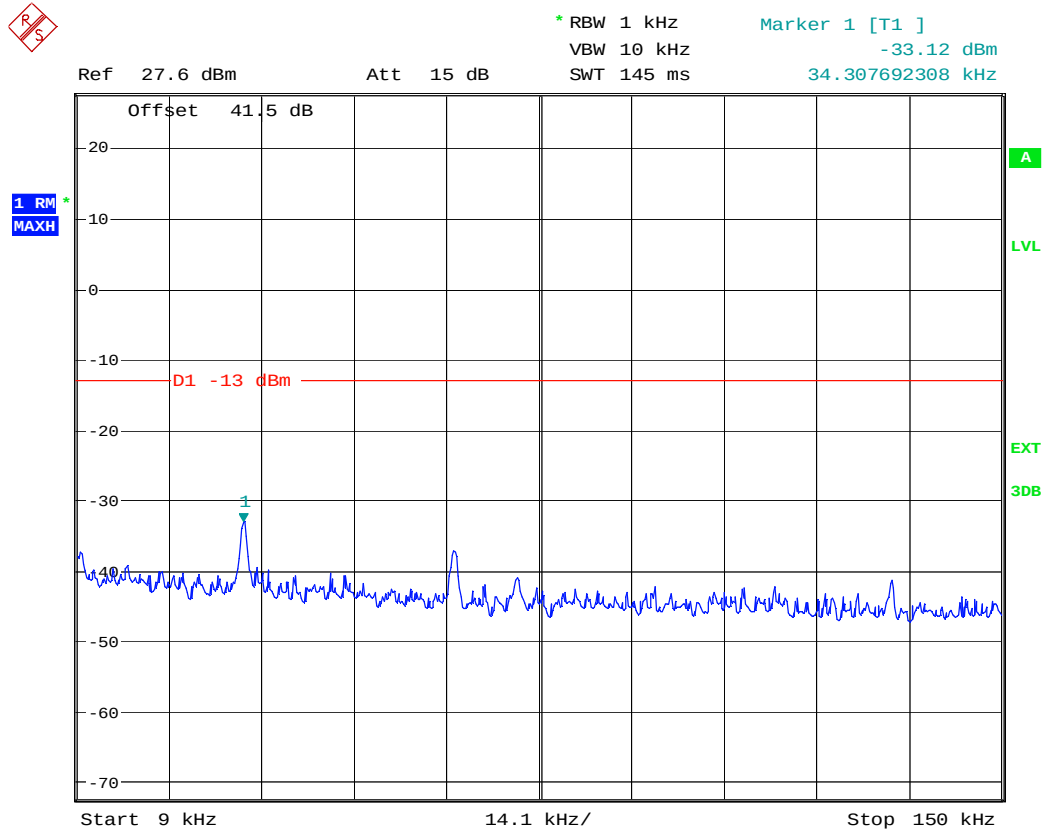
(30M ~ 22G)



Date: 29.MAR.2010 15:56:52



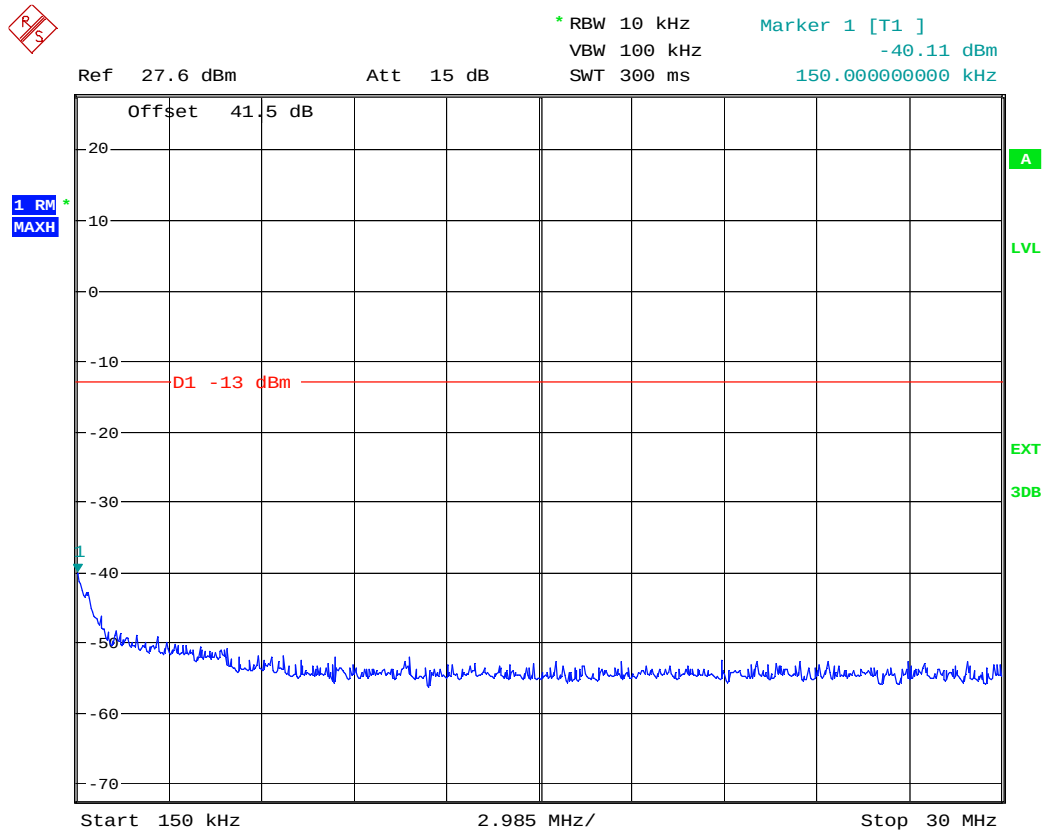
Channel Number: 875 (9k ~ 150k)



Date: 29.MAR.2010 16:05:17



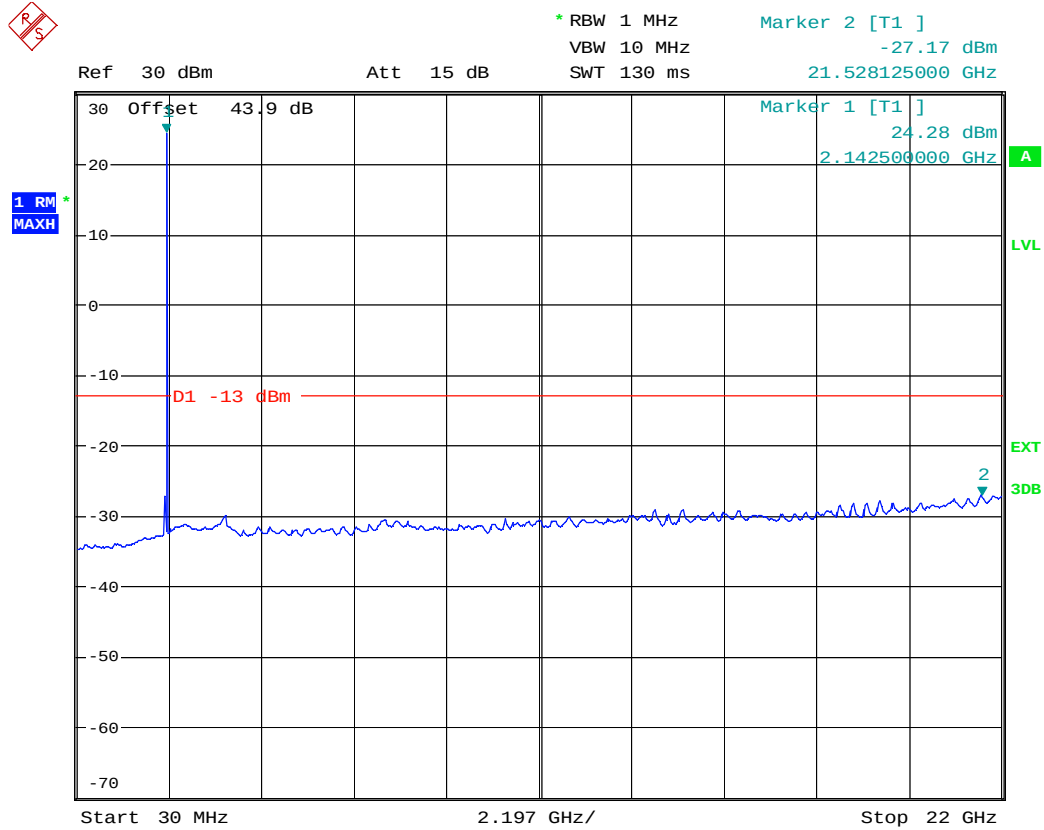
(150k ~ 30M)



Date: 29.MAR.2010 16:04:34



(30M ~ 22G)

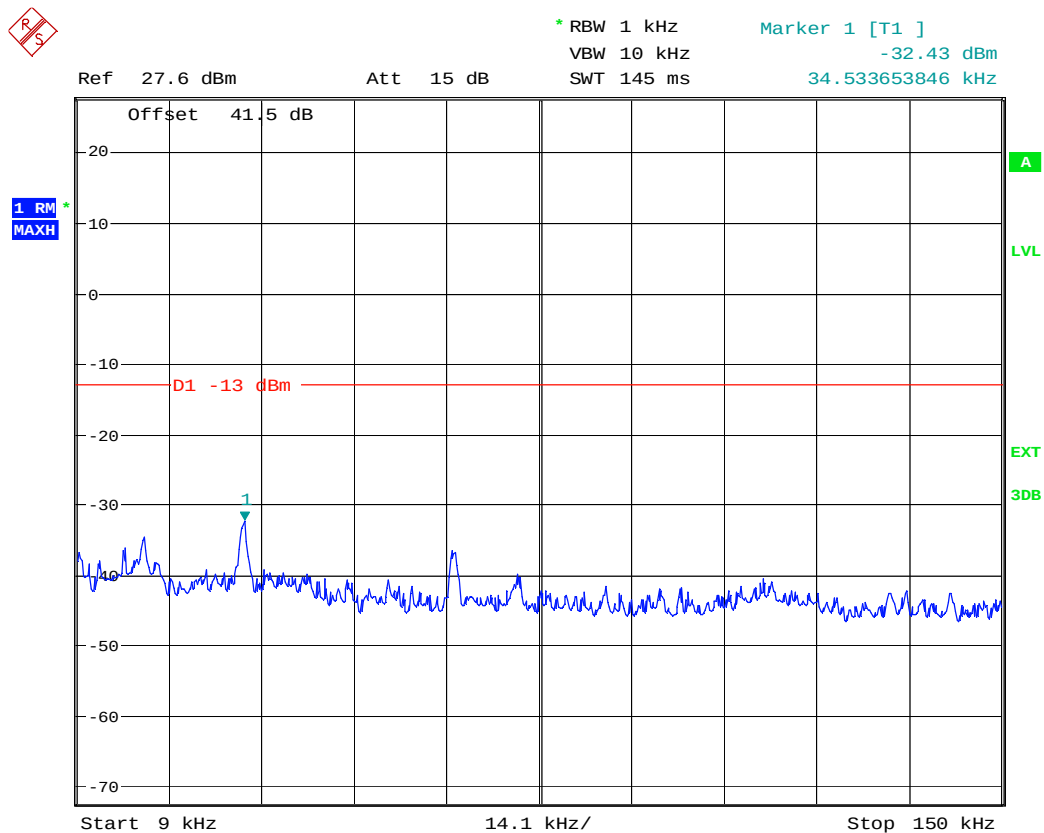


Date: 29.MAR.2010 16:03:02



B. Multiple Carriers:

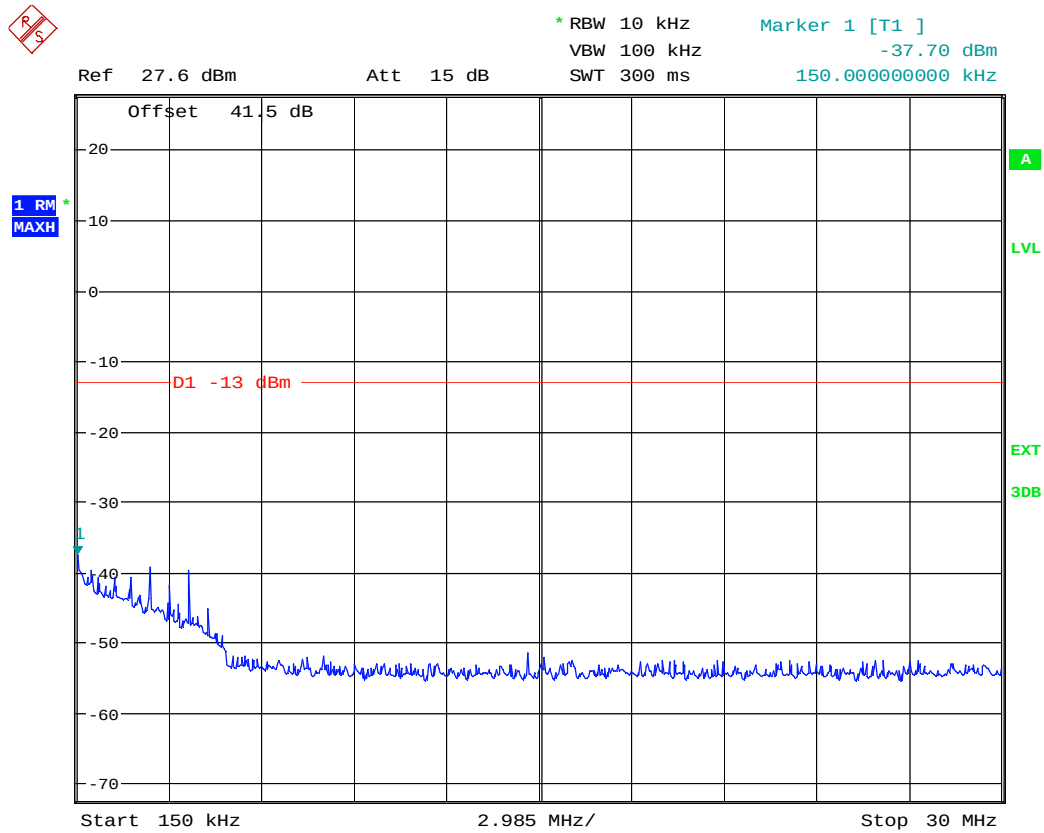
Channel Number: 25/50/75/100
(9k ~ 150k)



Date: 29.MAR.2010 16:33:26



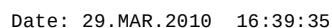
(150k ~ 30M)



Date: 29.MAR.2010 16:34:48

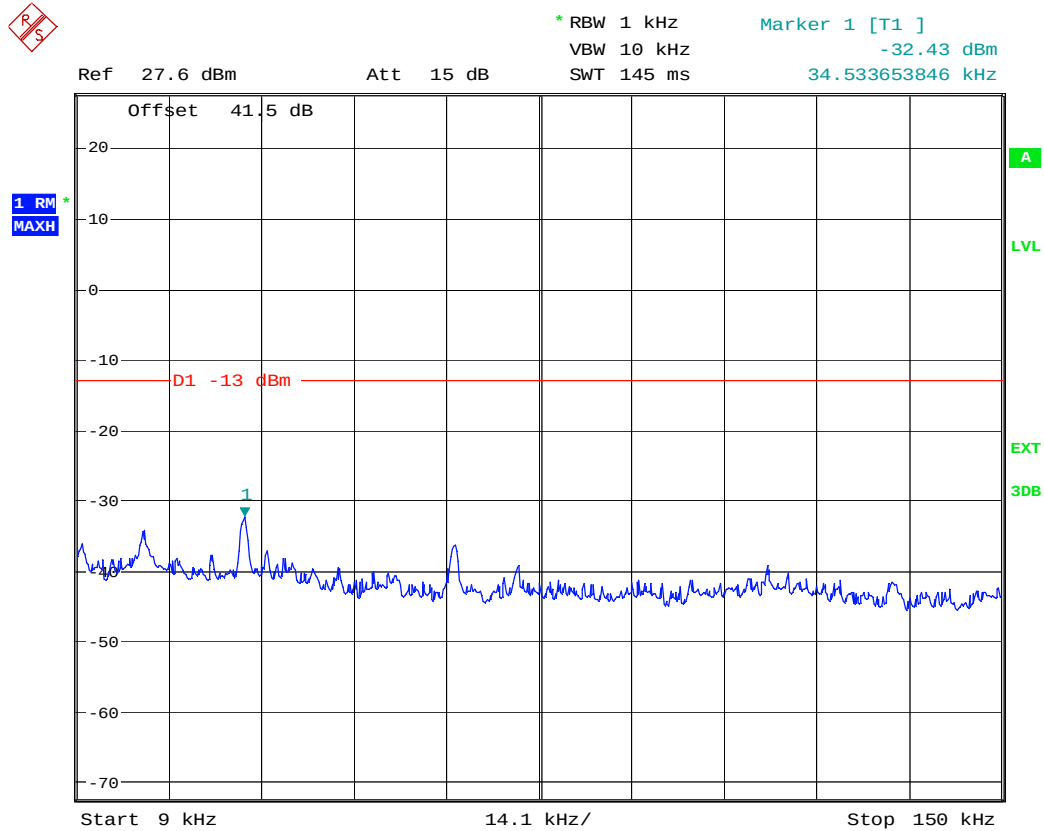


(30M ~ 22G)





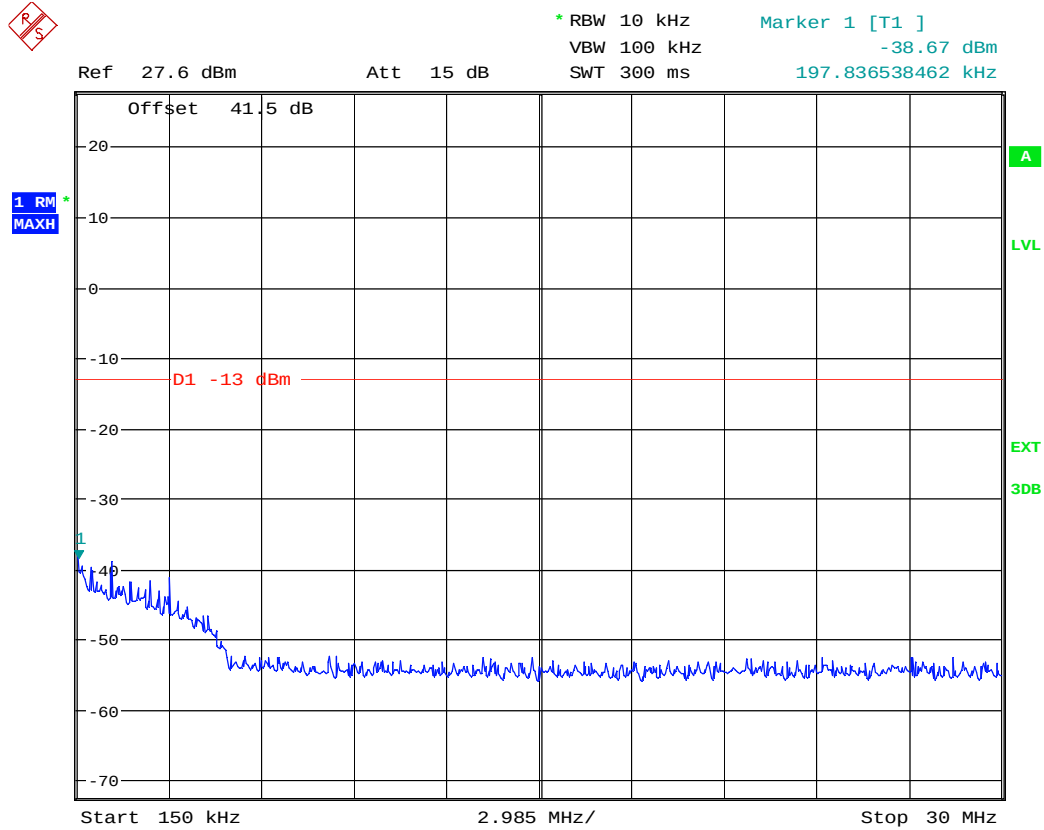
Channel Number: 400/425/450/475 (9k ~ 150k)



Date: 29.MAR.2010 16:31:00

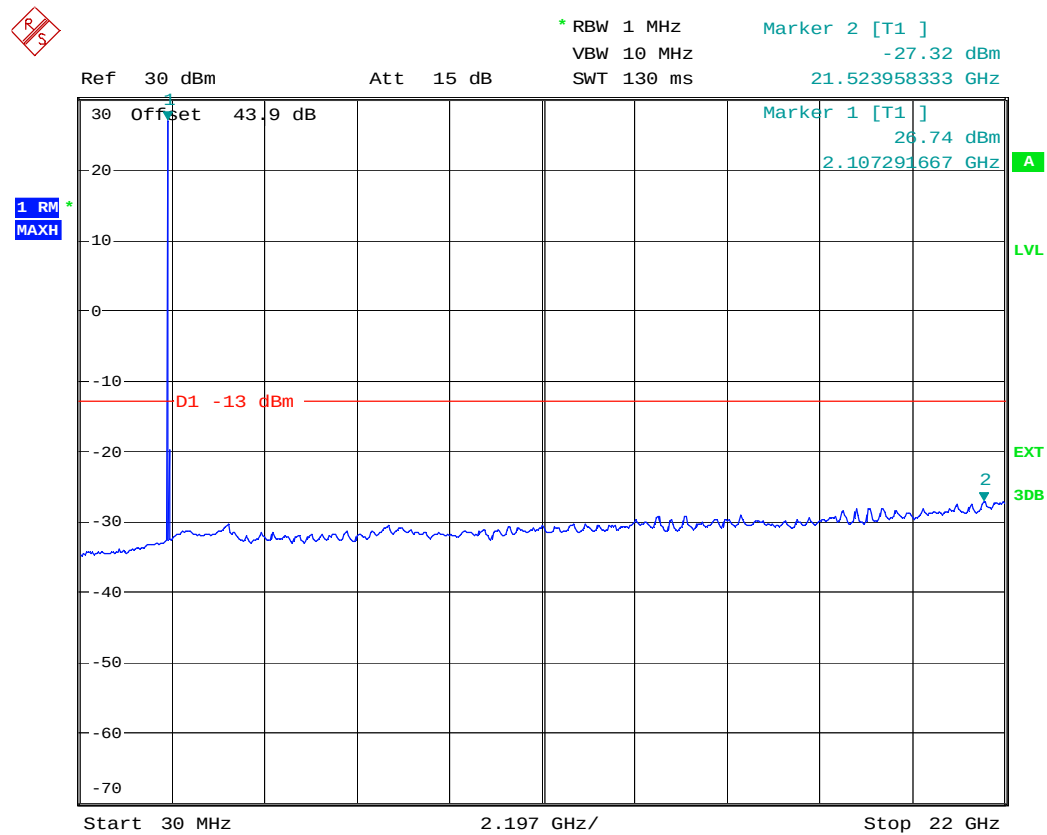


(150k ~ 30M)



Date: 29.MAR.2010 16:29:14

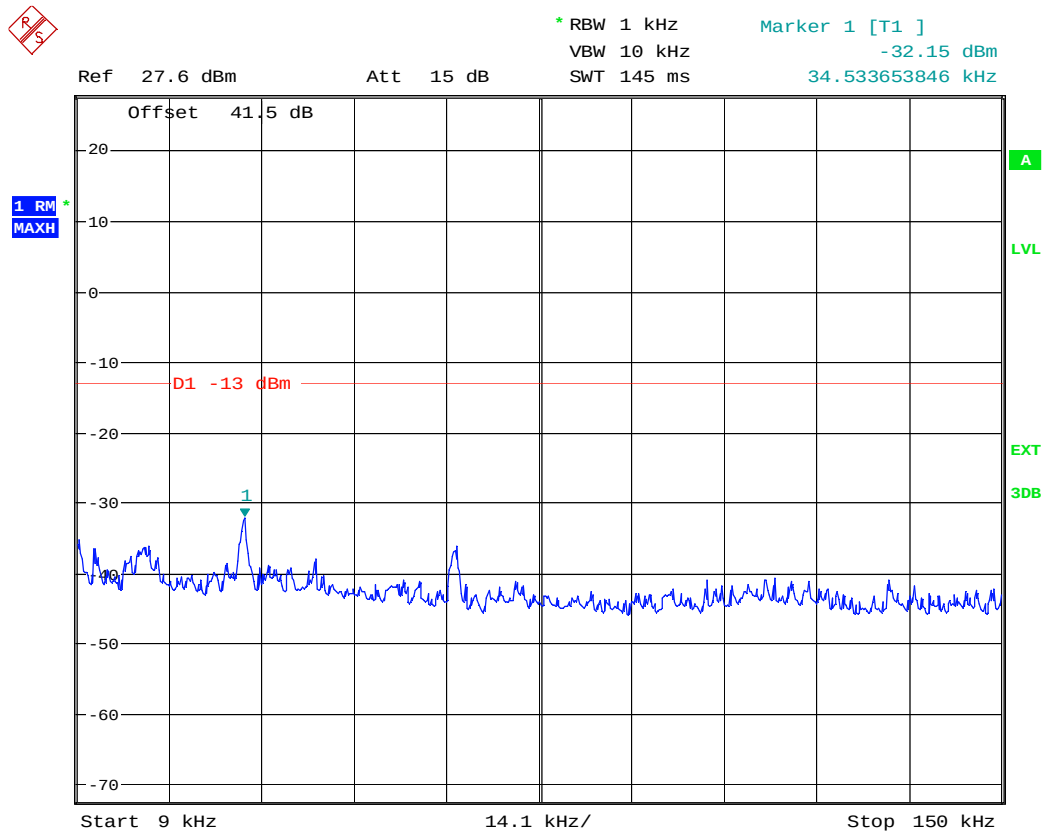
(30M ~ 22G)



Date: 29.MAR.2010 16:26:28



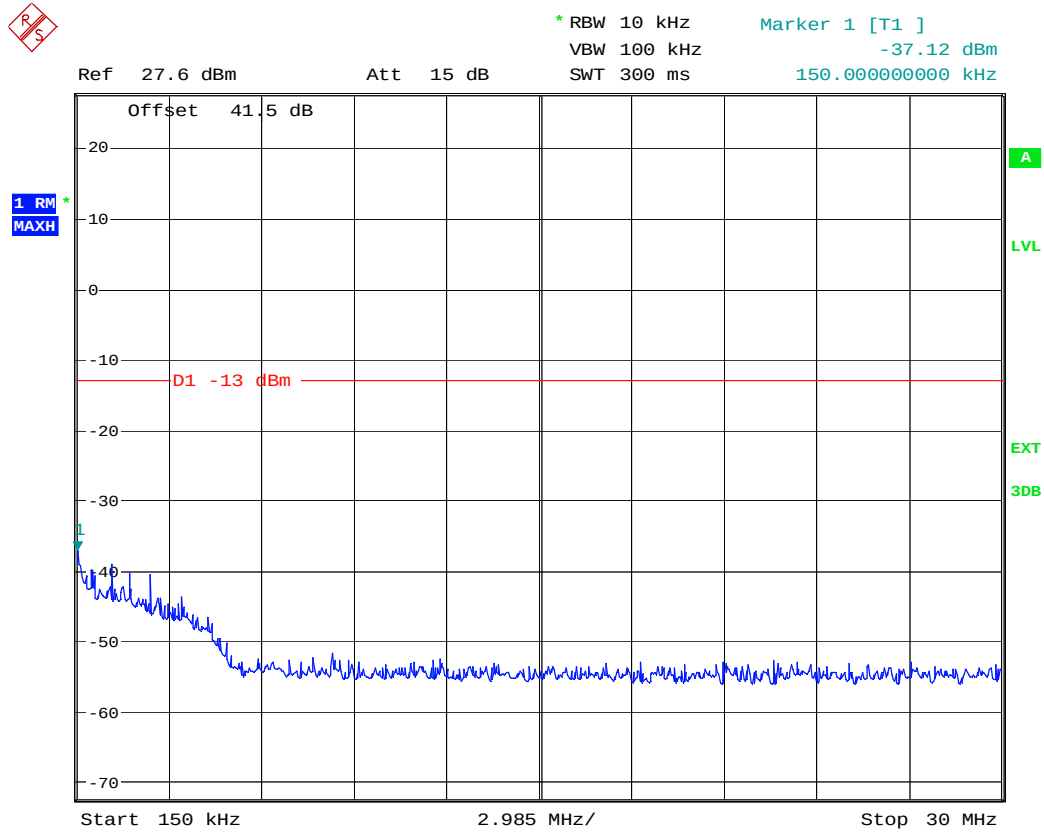
Channel Number: 800/825/850/875 (9k ~ 150k)



Date: 29.MAR.2010 16:19:39



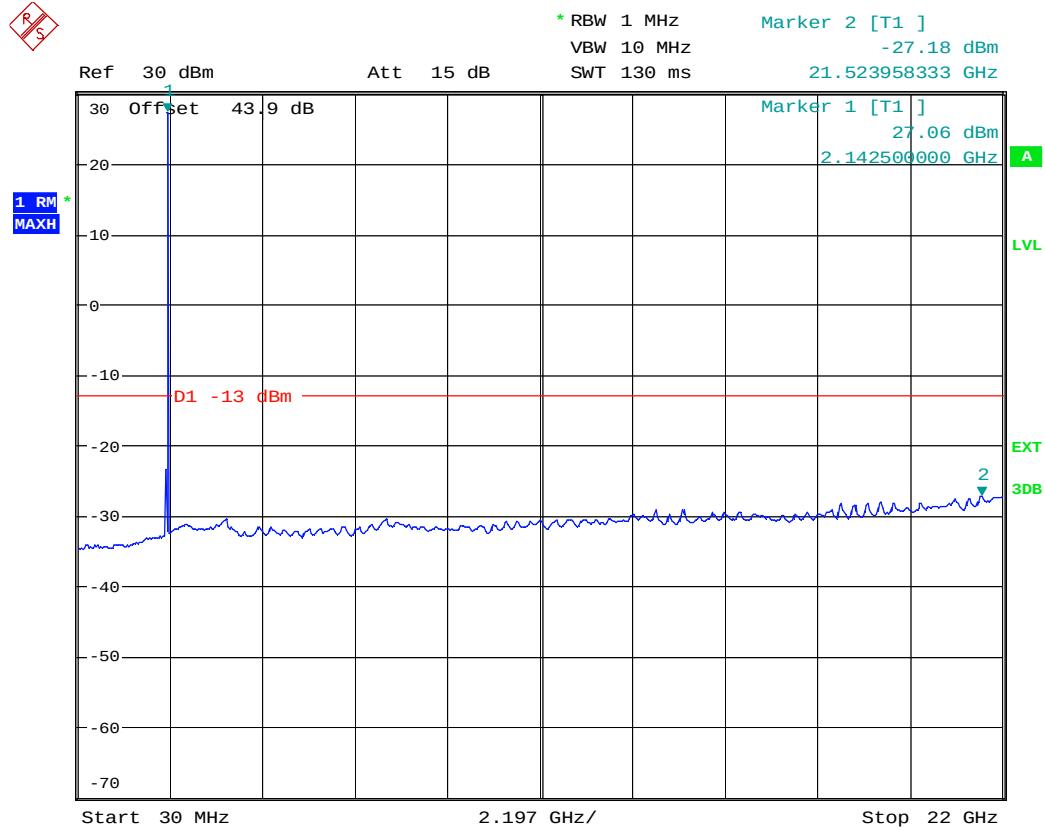
(150k ~ 30M)



Date: 29.MAR.2010 16:21:05



(30M ~ 22G)



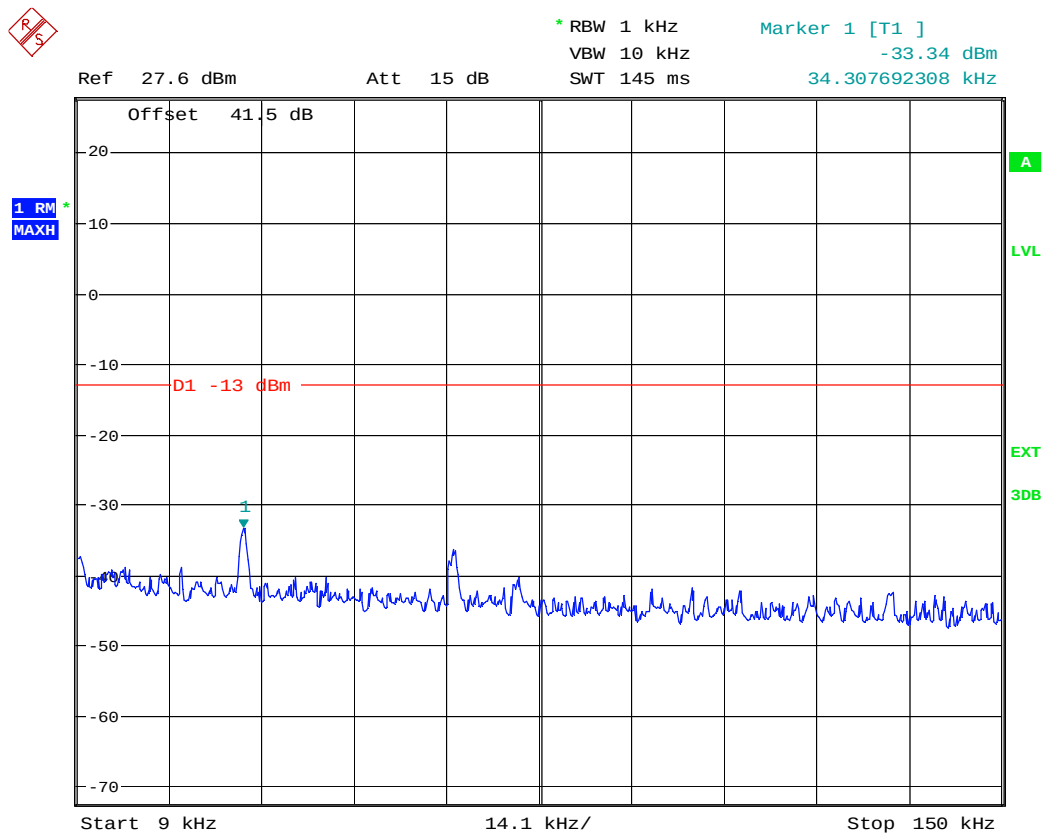
Date: 29.MAR.2010 16:23:45



CDMA2000 1X EV-DO

A. Single Carrier

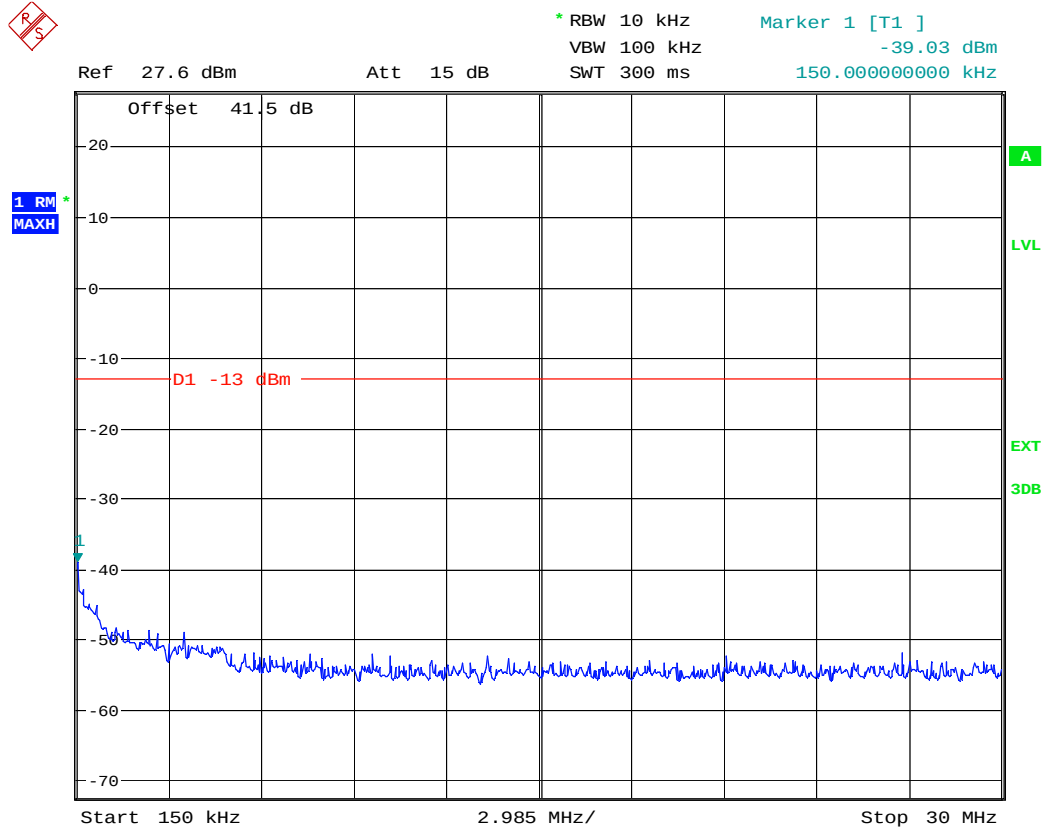
Channel Number: 25
(9k ~ 150k)



Date: 29.MAR.2010 16:50:32

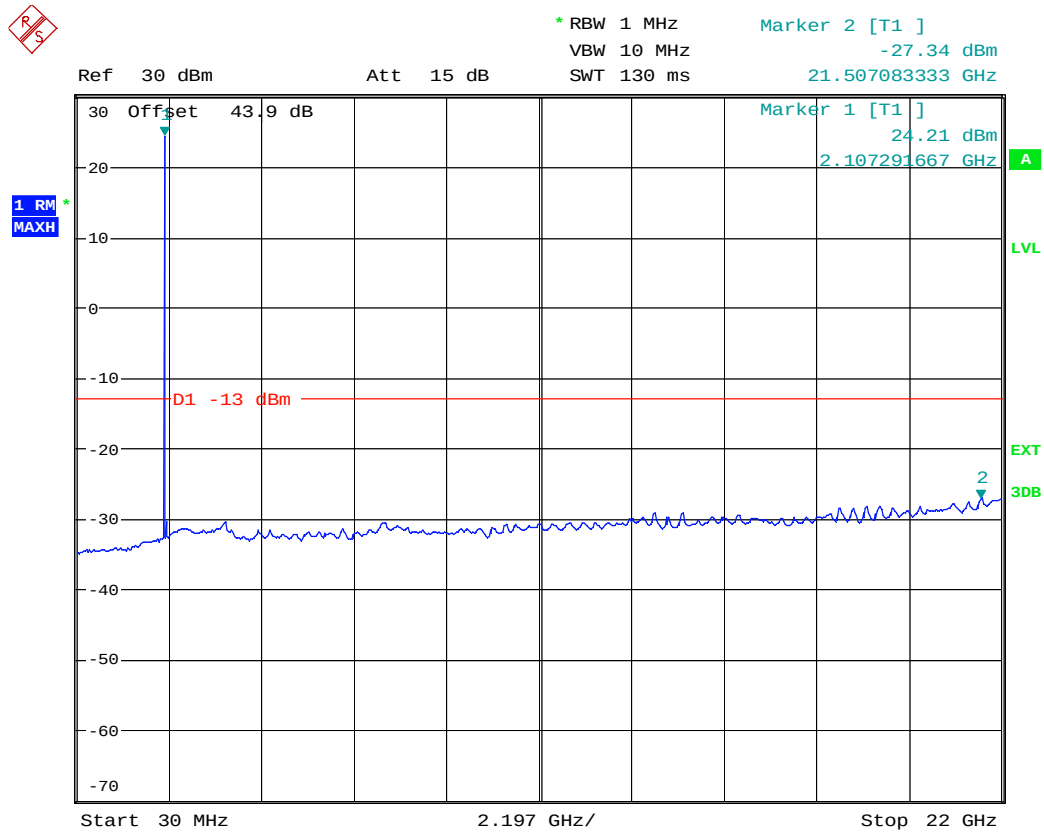


(150k ~ 30M)



Date: 29.MAR.2010 16:48:48

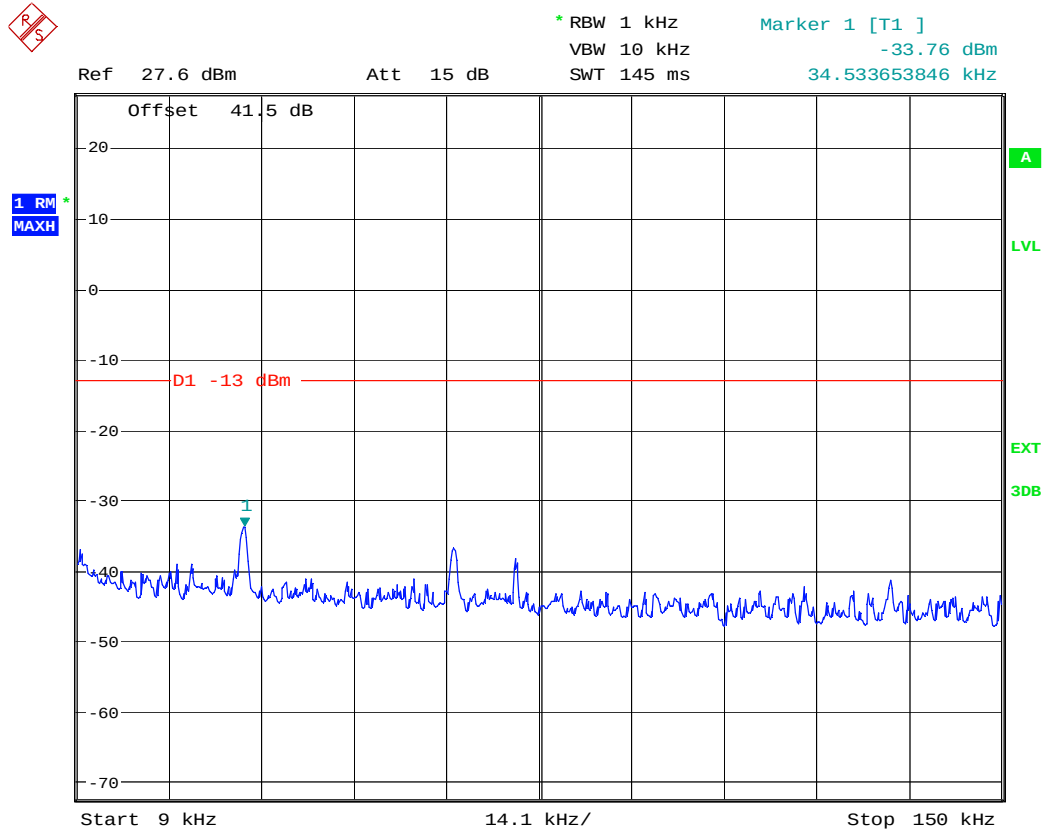
(30M ~ 22G)



Date: 29.MAR.2010 16:47:11



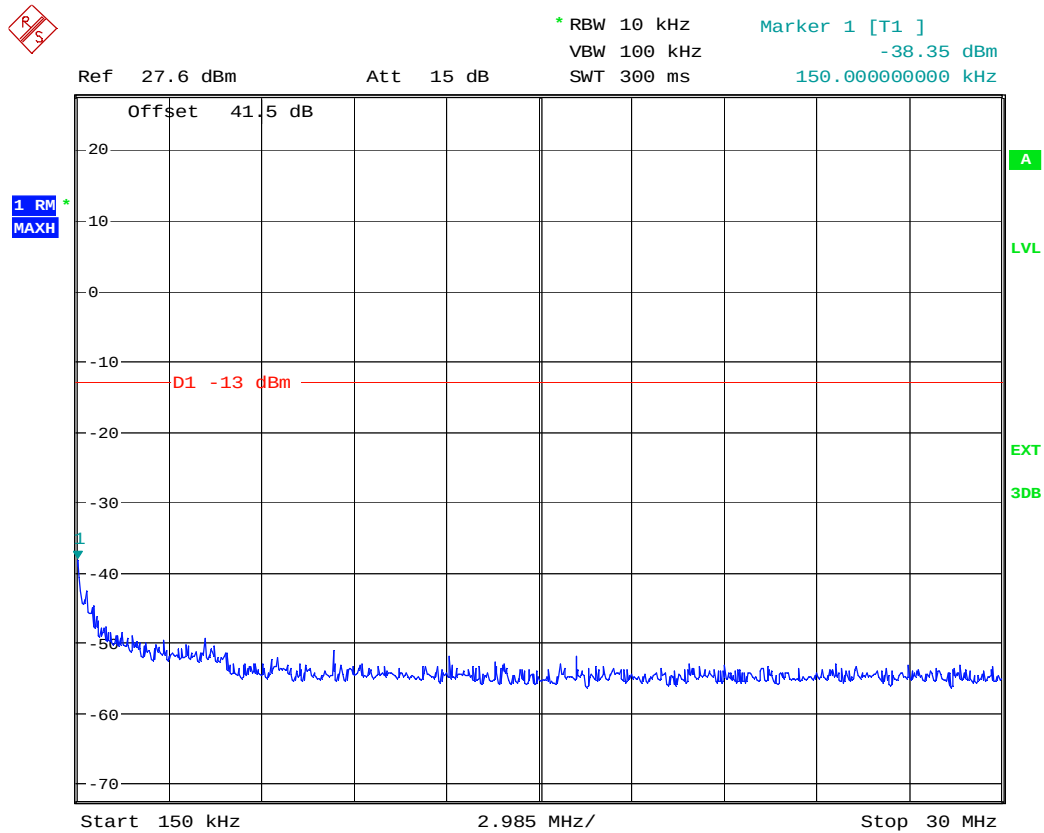
Channel Number: 450 (9k ~ 150k)



Date: 29.MAR.2010 16:52:18



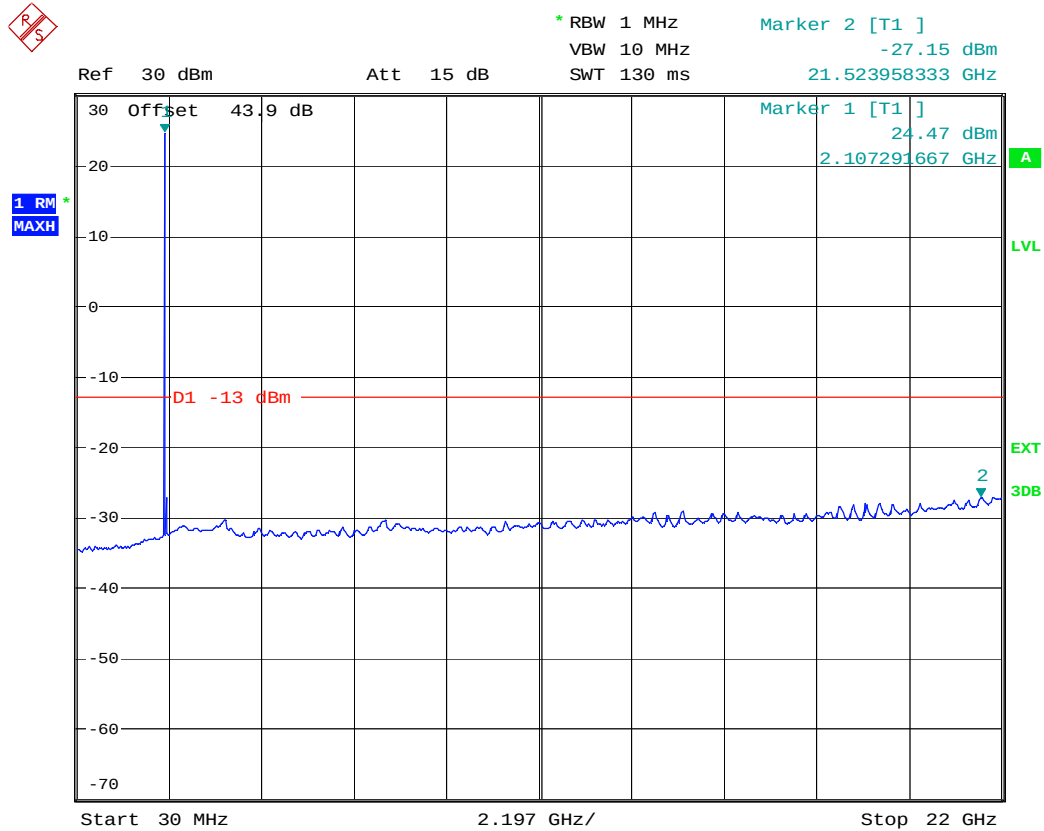
(150k ~ 30M)



Date: 29.MAR.2010 16:53:05



(30M ~ 22G)

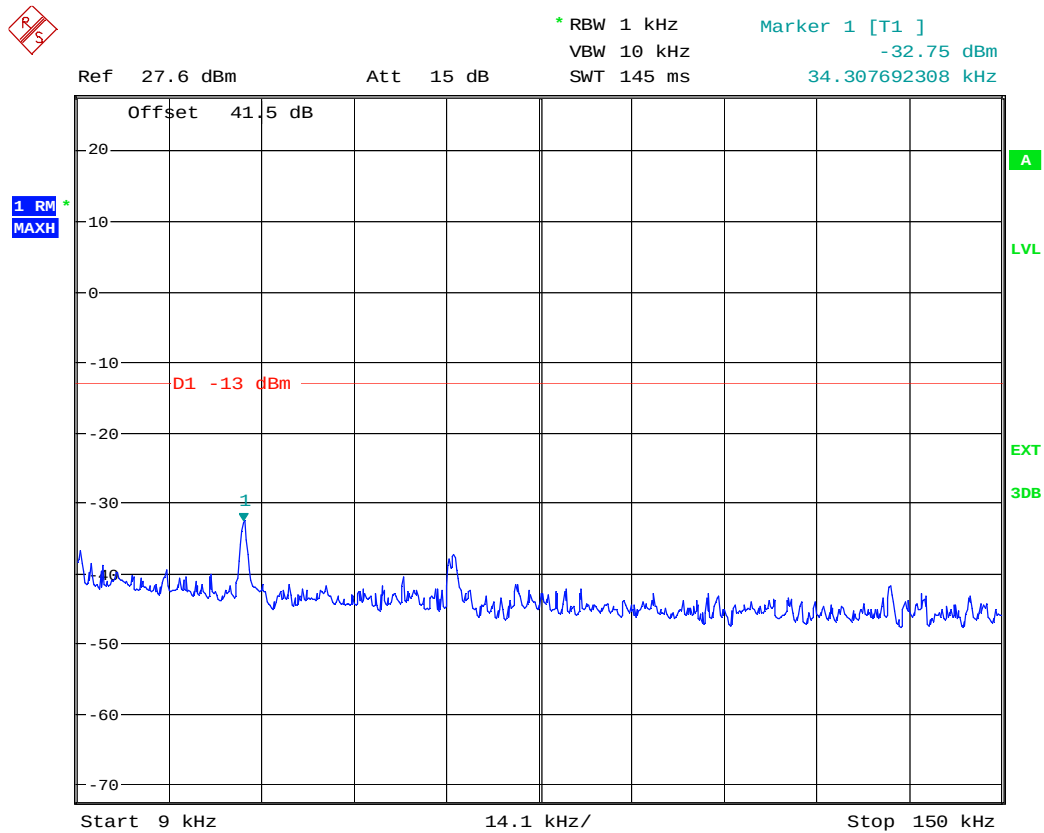


Date: 29.MAR.2010 16:54:44



Channel Number: 875

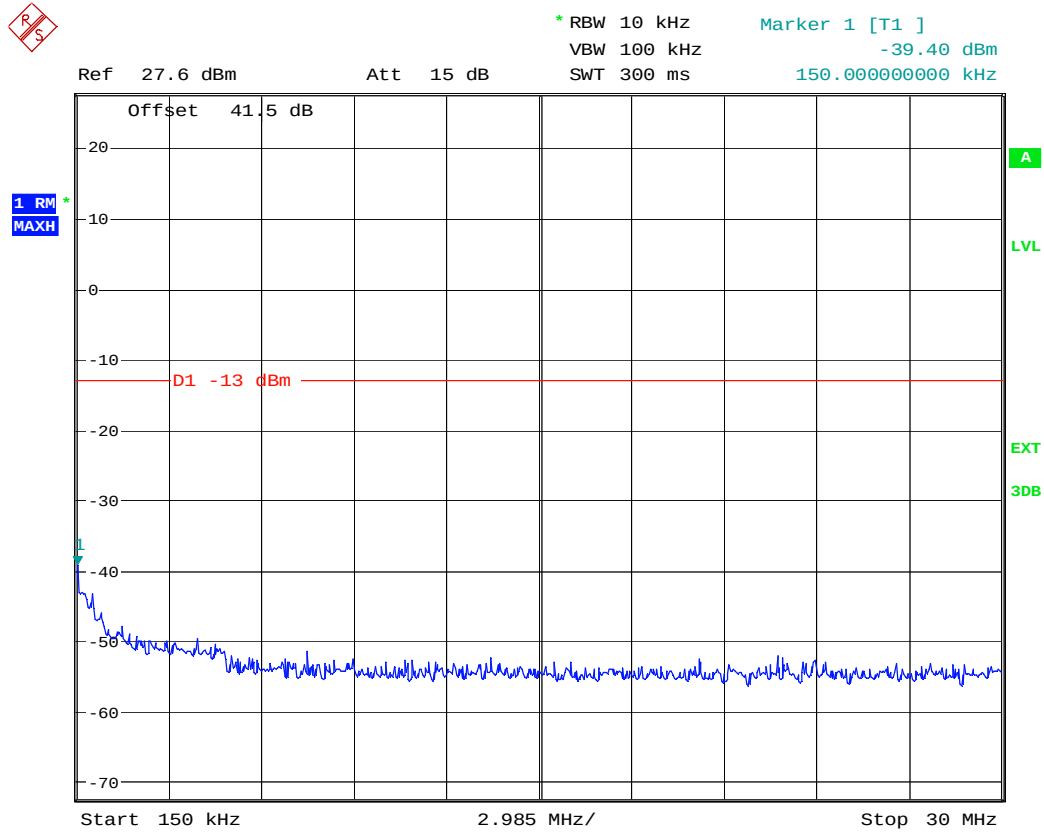
(9k ~ 150k)



Date: 29.MAR.2010 17:02:23



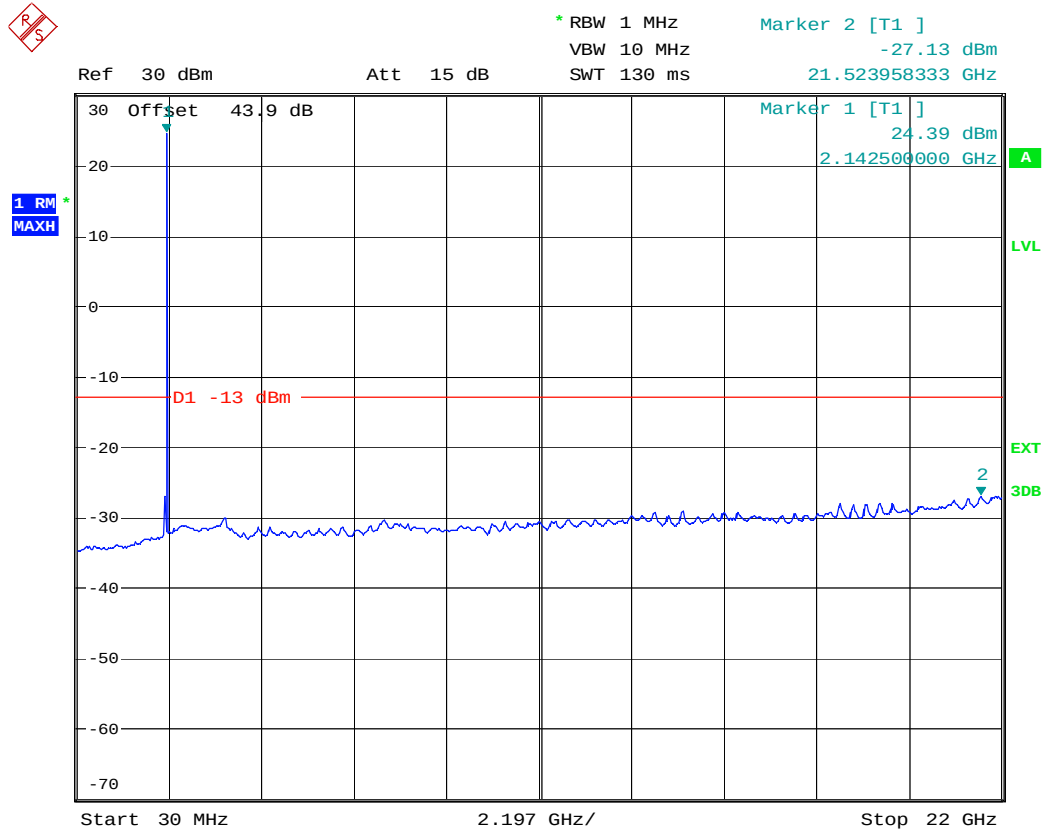
(150k ~ 30M)



Date: 29.MAR.2010 17:01:39



(30M ~22G)

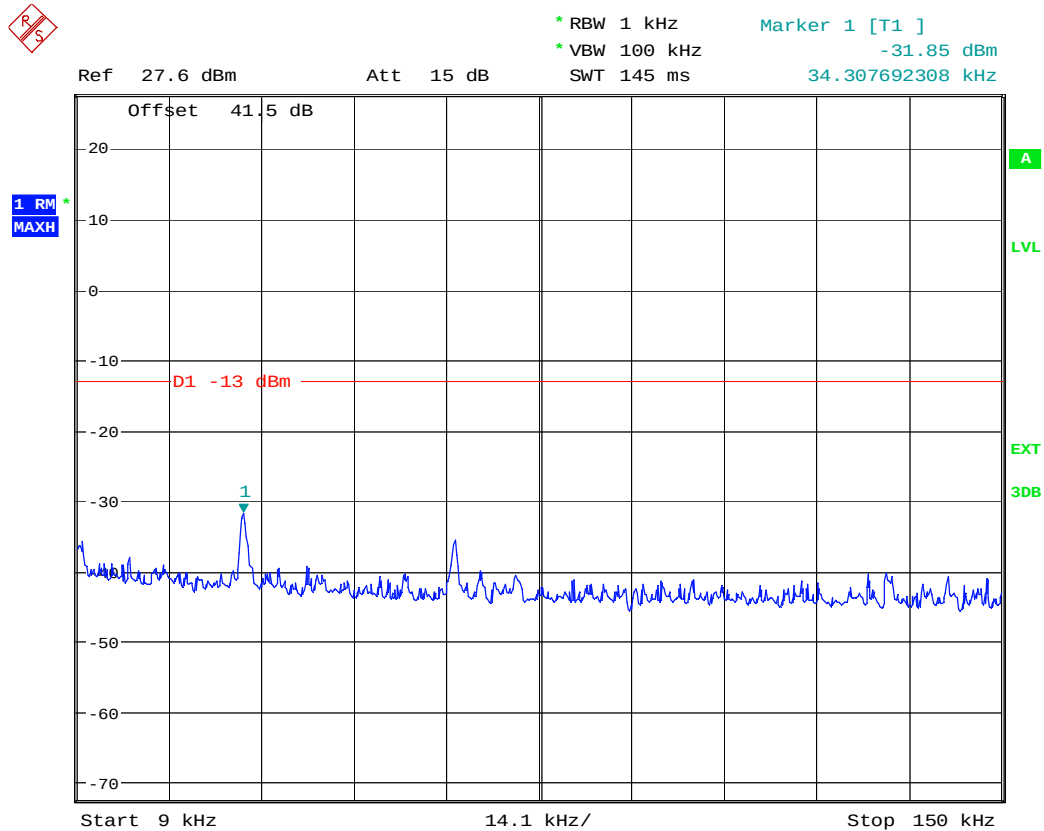


Date: 29.MAR.2010 17:00:15



B. Multiple Carriers:

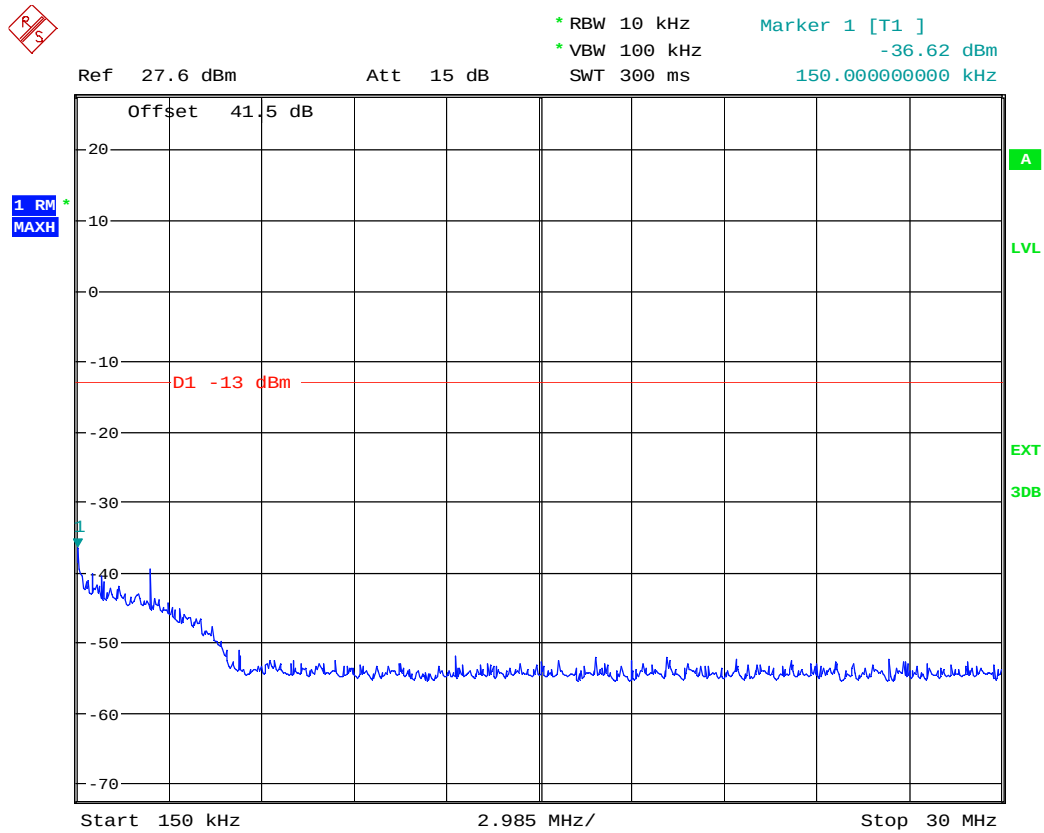
Channel Number: 25/50/75/100
(9k ~ 150k)



Date: 29.MAR.2010 17:51:35



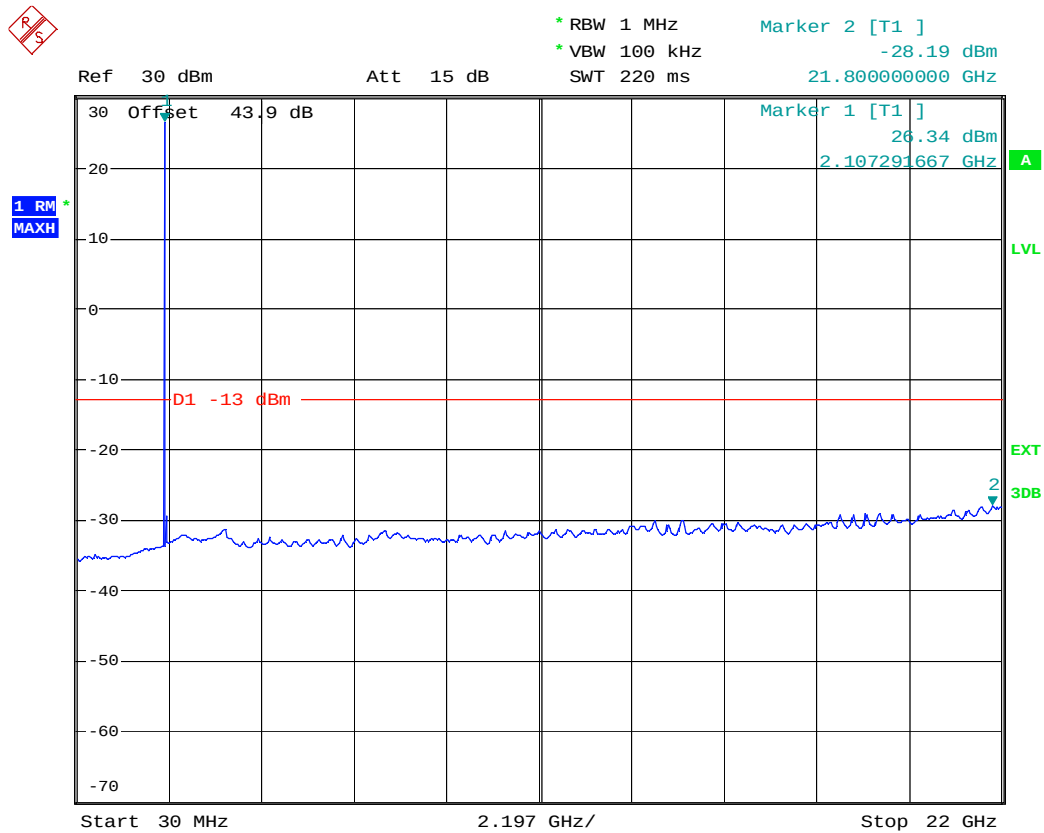
(150k ~ 30M)



Date: 29.MAR.2010 17:50:28



(30M ~ 22G)

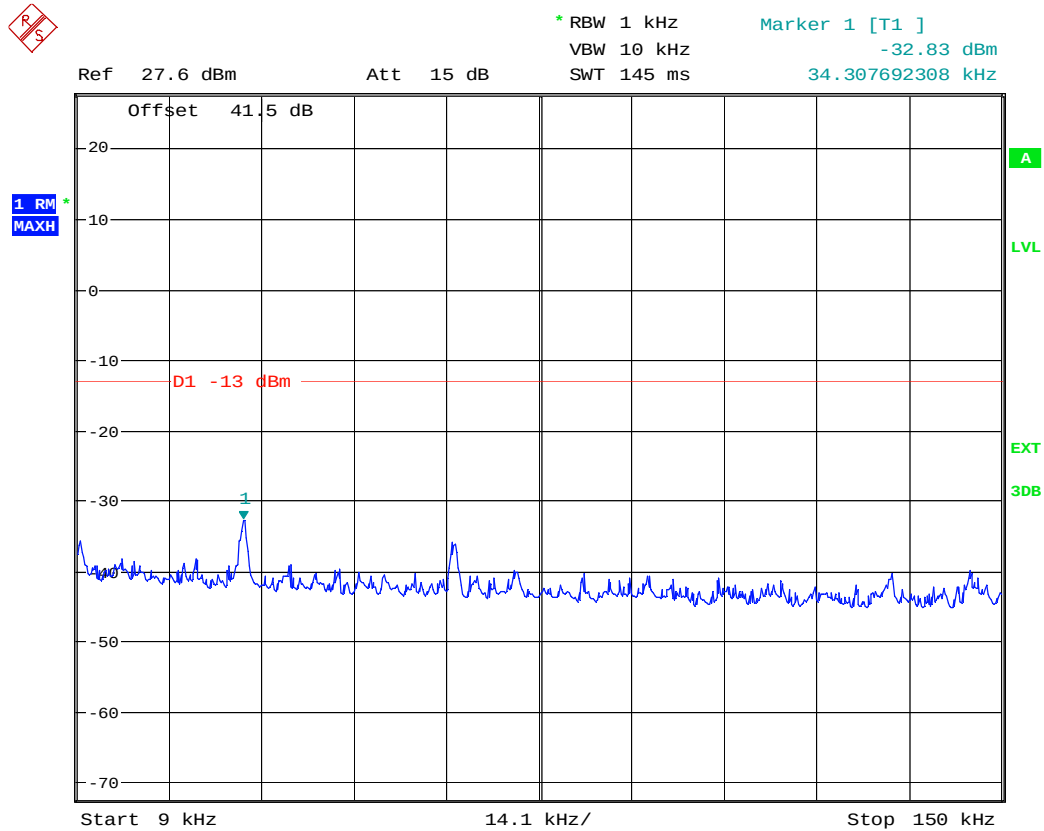


Date: 29.MAR.2010 17:53:36



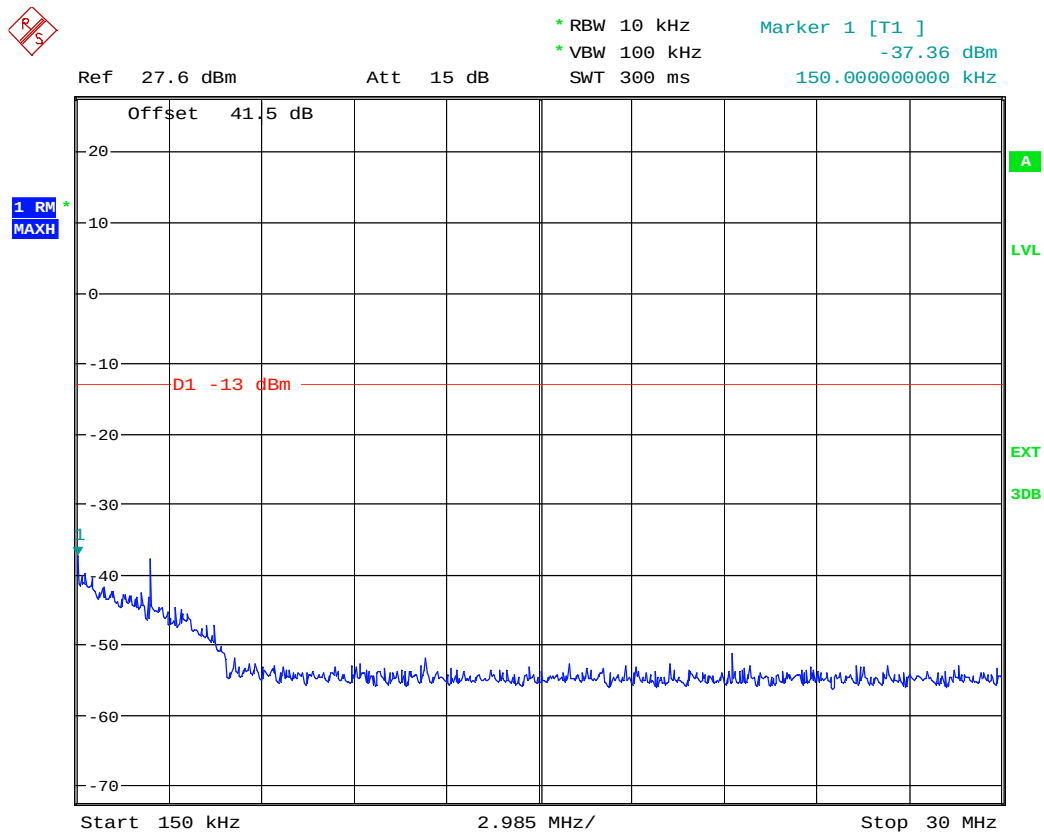
Channel Number: 400/425/450/475

(9k ~ 150k)



Date: 29.MAR.2010 17:30:52

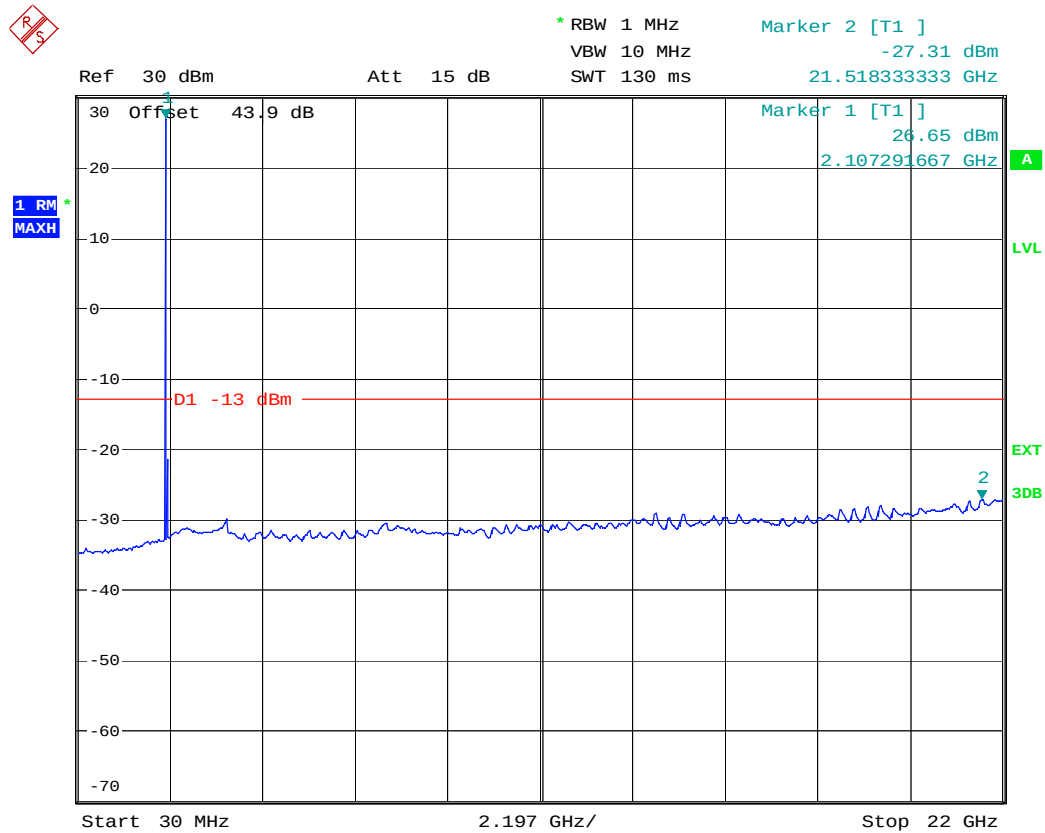
(150k ~ 30M)



Date: 29.MAR.2010 17:31:41



(30M ~22G)

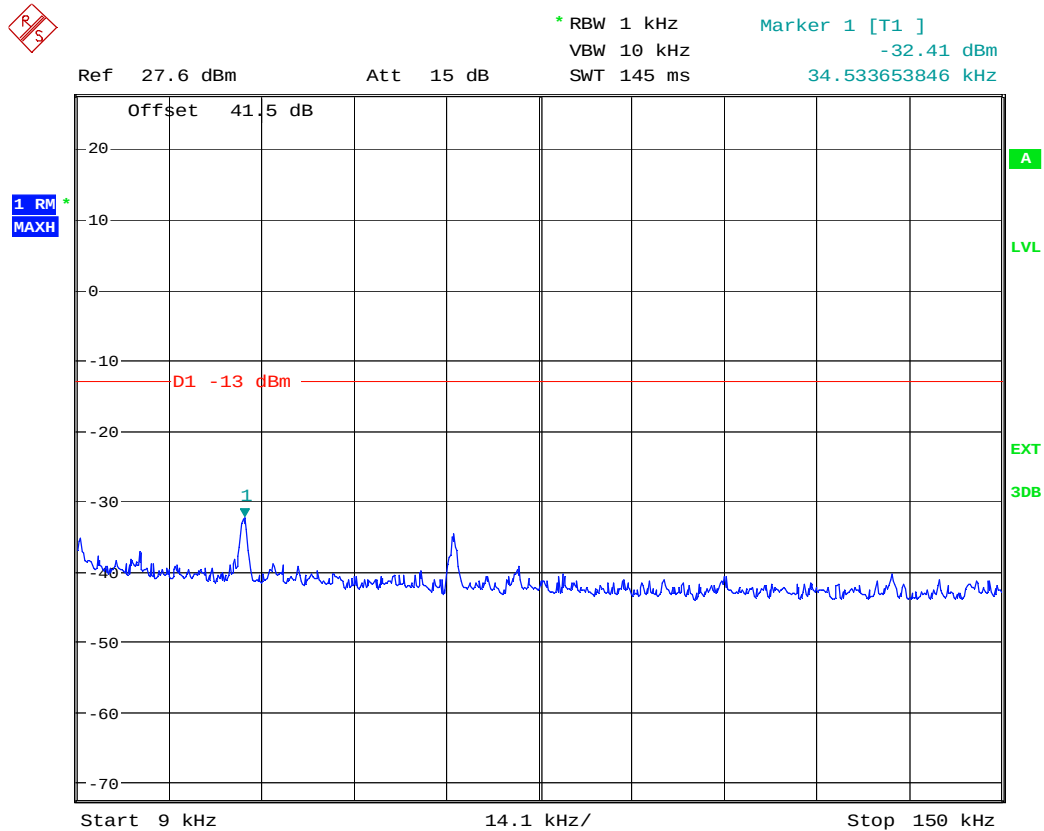


Date: 29.MAR.2010 17:12:16



Channel Number: 800/825/850/875

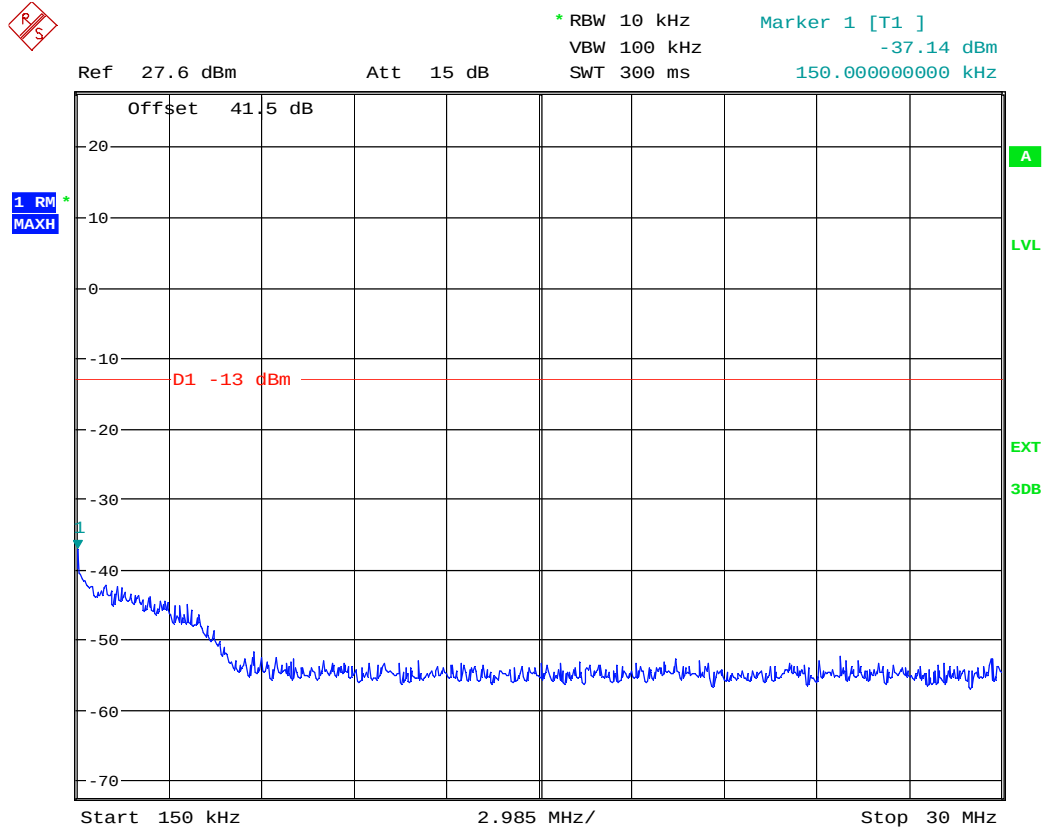
(9k ~ 150k)



Date: 29.MAR.2010 17:06:12



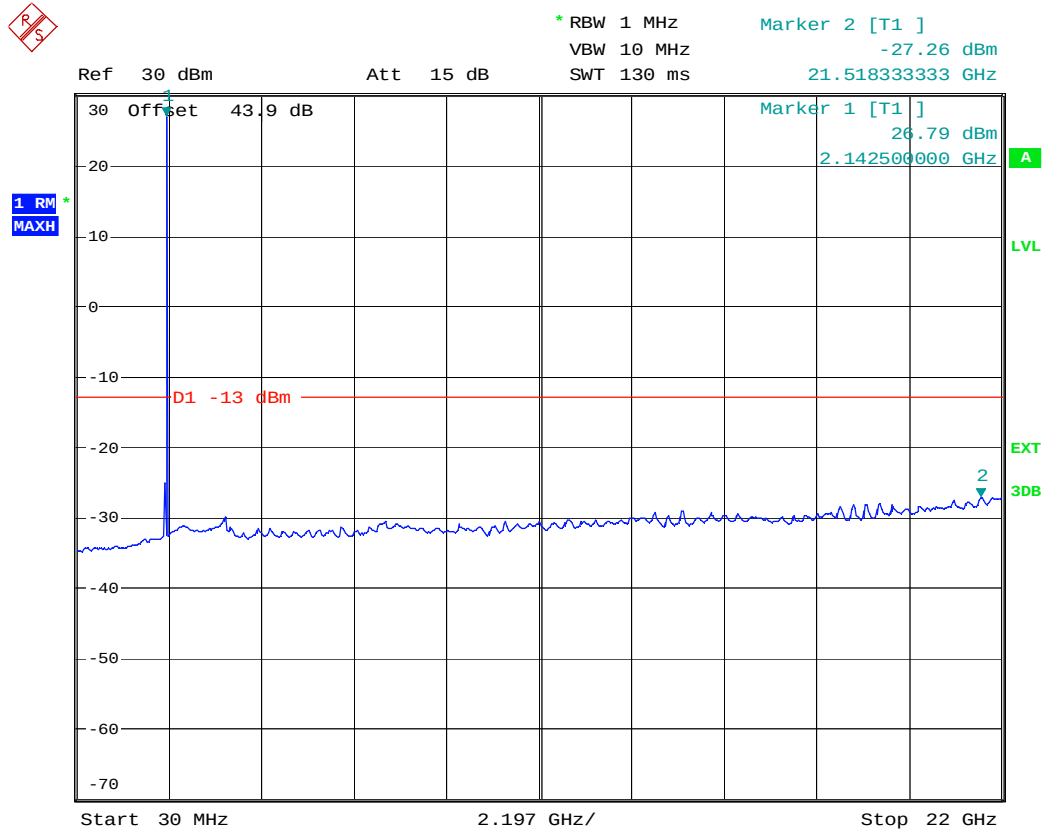
(150k ~ 30M)



Date: 29.MAR.2010 17:07:38



(30M ~ 22G)



Date: 29.MAR.2010 17:09:21

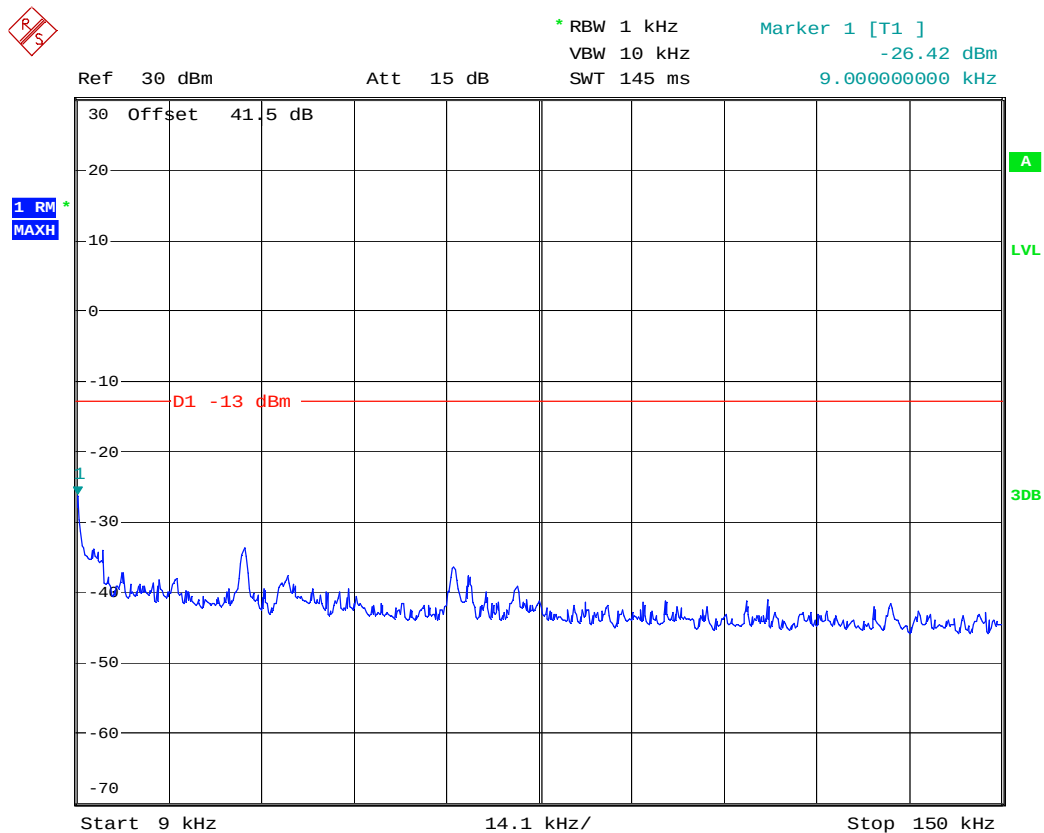


LTE 5MHz bandwidth

E-TM1.1

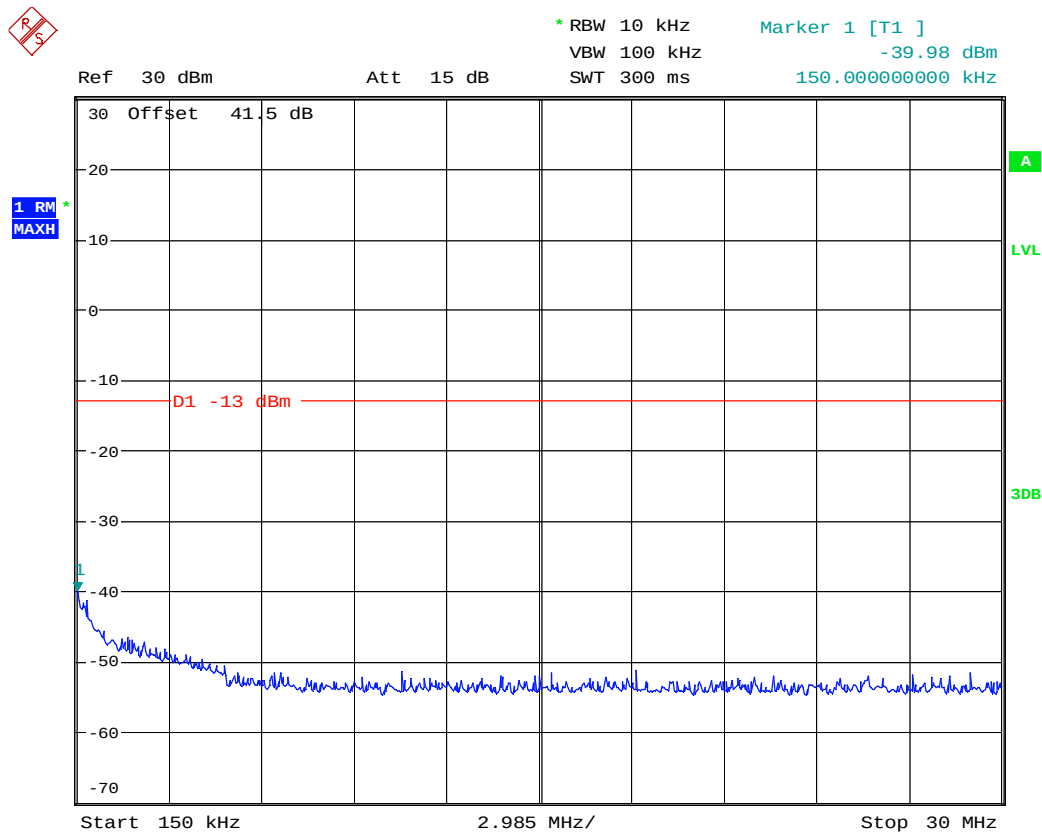
Channel Number: 1975

(9k ~ 150k)



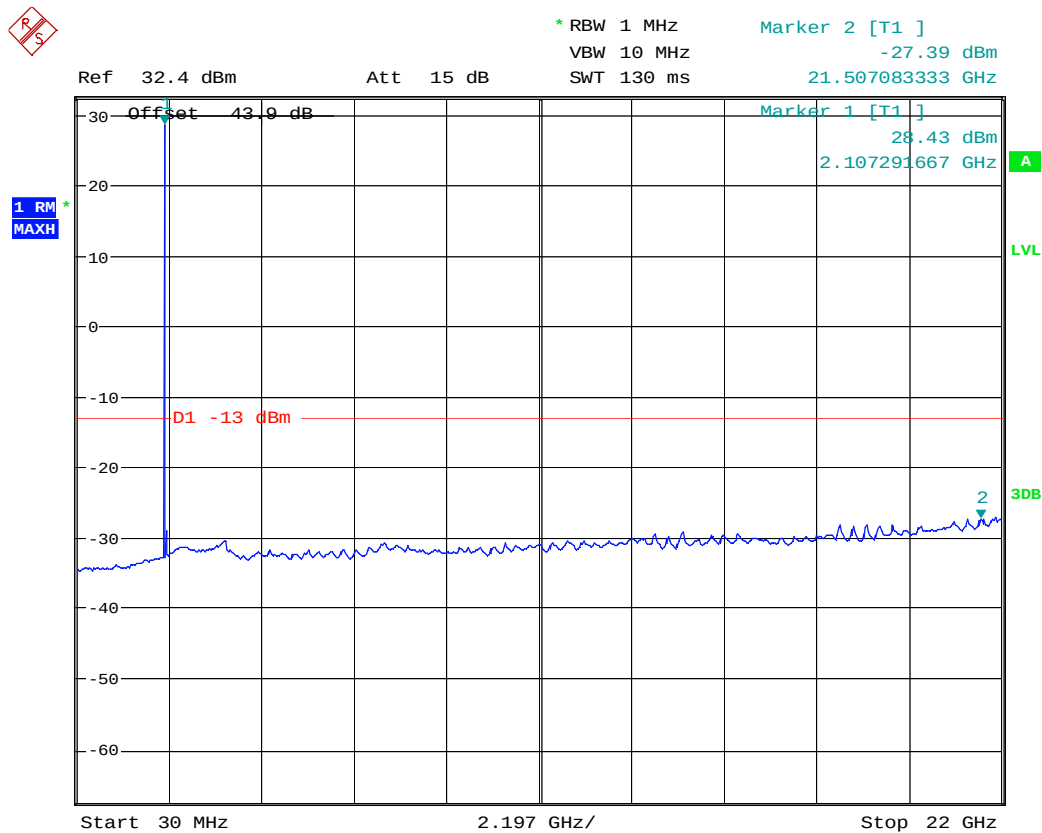
Date: 24.APR.2010 18:34:04

(150k ~ 30M)



Date: 24.APR.2010 18:35:17

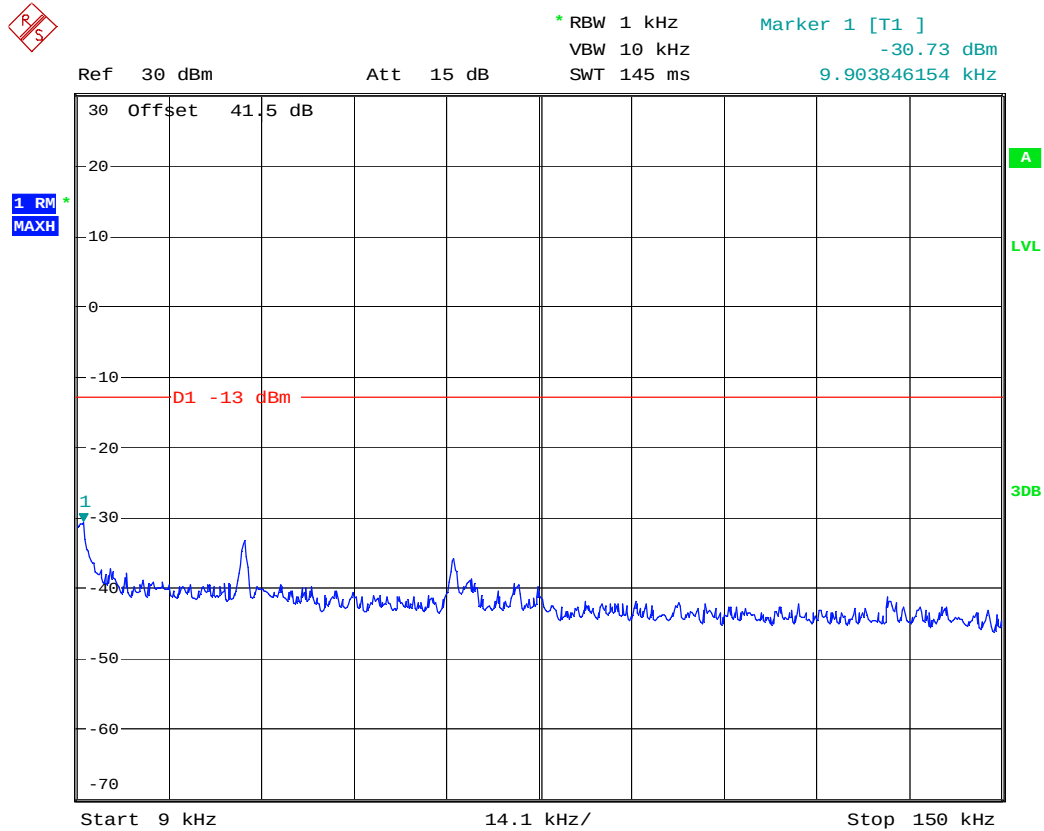
(30M~ 22G)



Date: 24.APR.2010 18:36:14



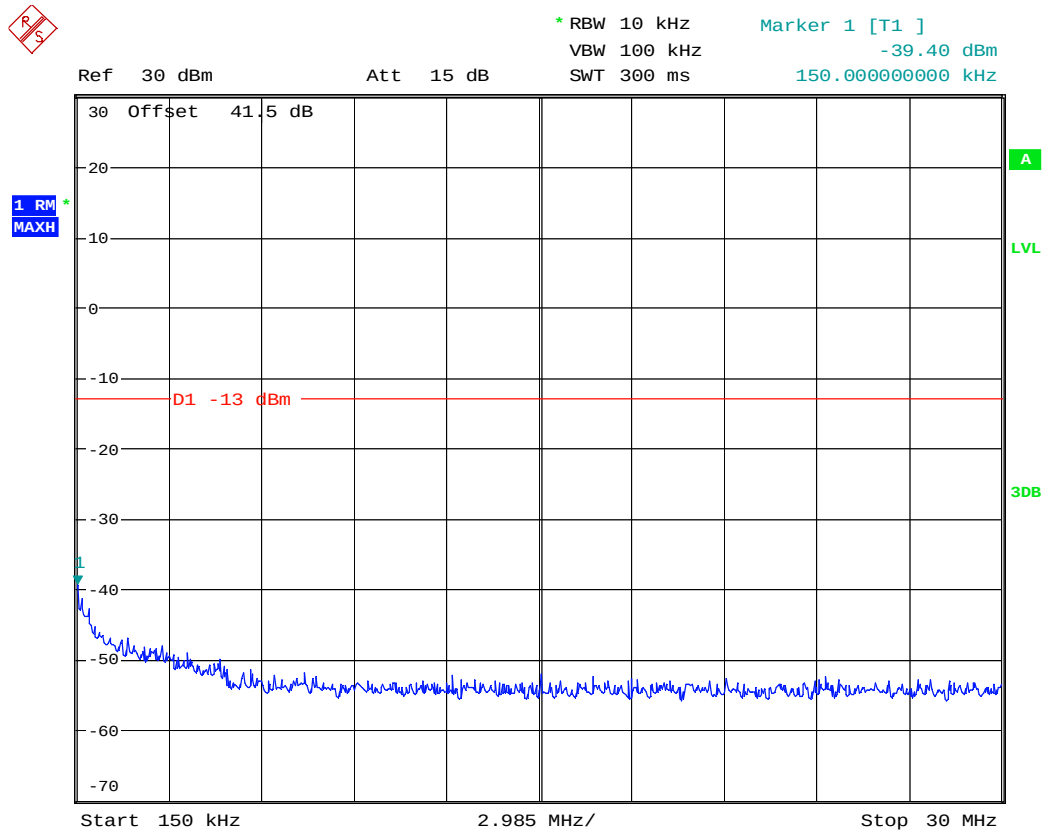
Channel Number: 2175 (9k ~ 150k)



Date: 24.APR.2010 18:06:15

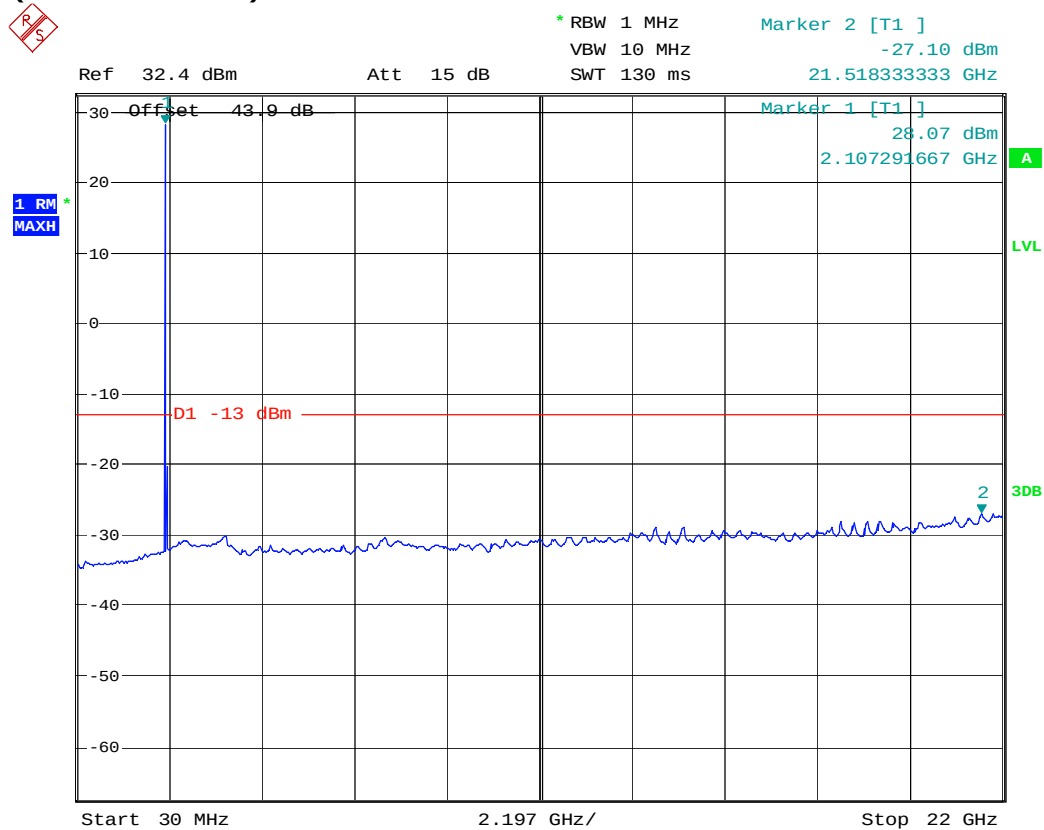


(150k ~ 30M)



Date: 24.APR.2010 18:06:48

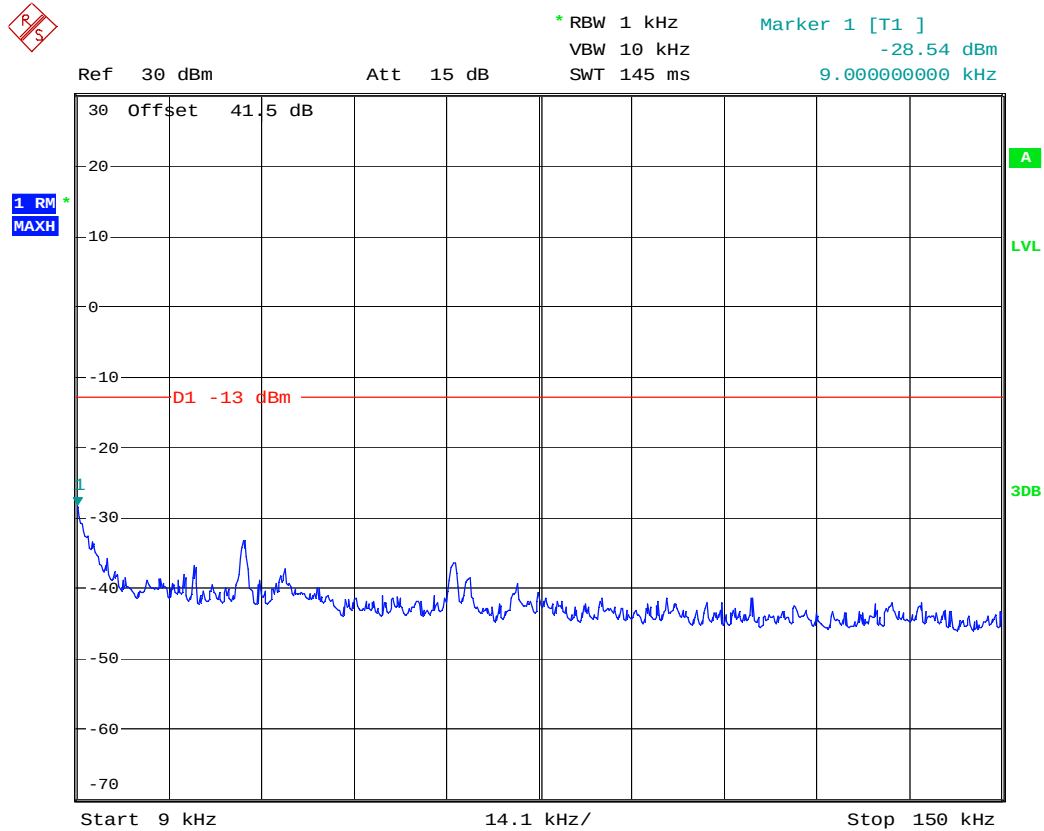
(30M~ 22G)



Date: 2.MAY.2010 12:52:52



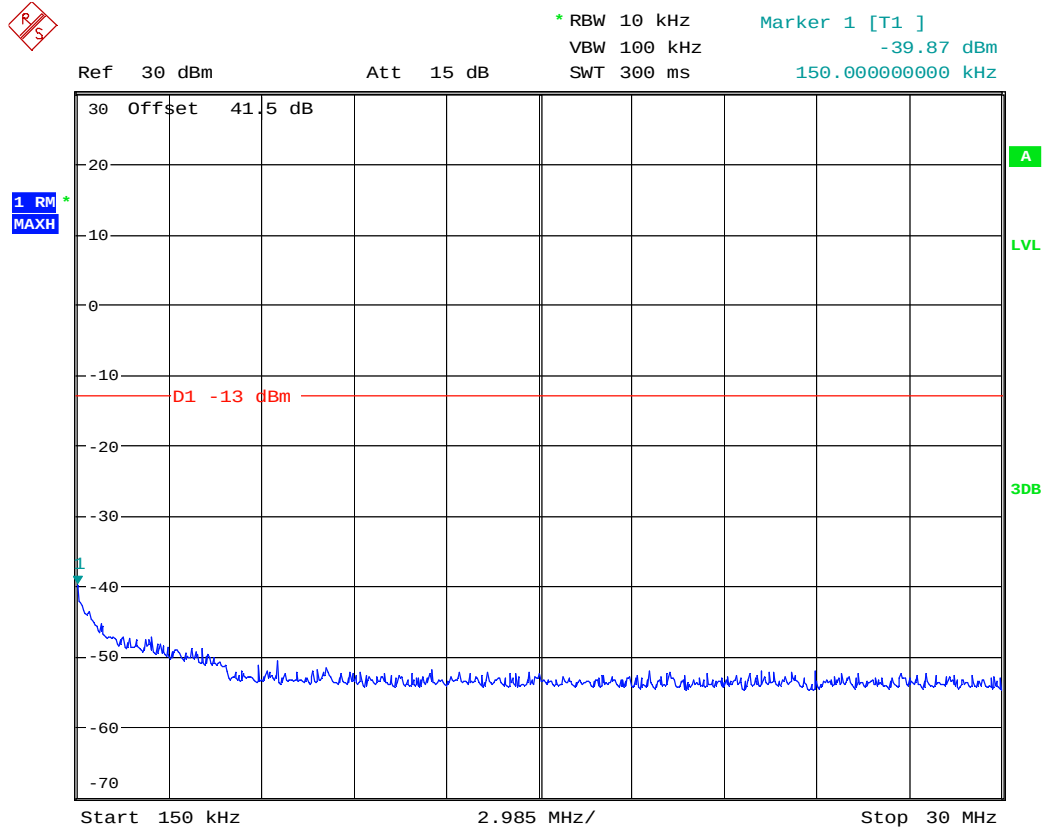
Channel Number: 2375 (9k ~ 150k)



Date: 24.APR.2010 18:57:27



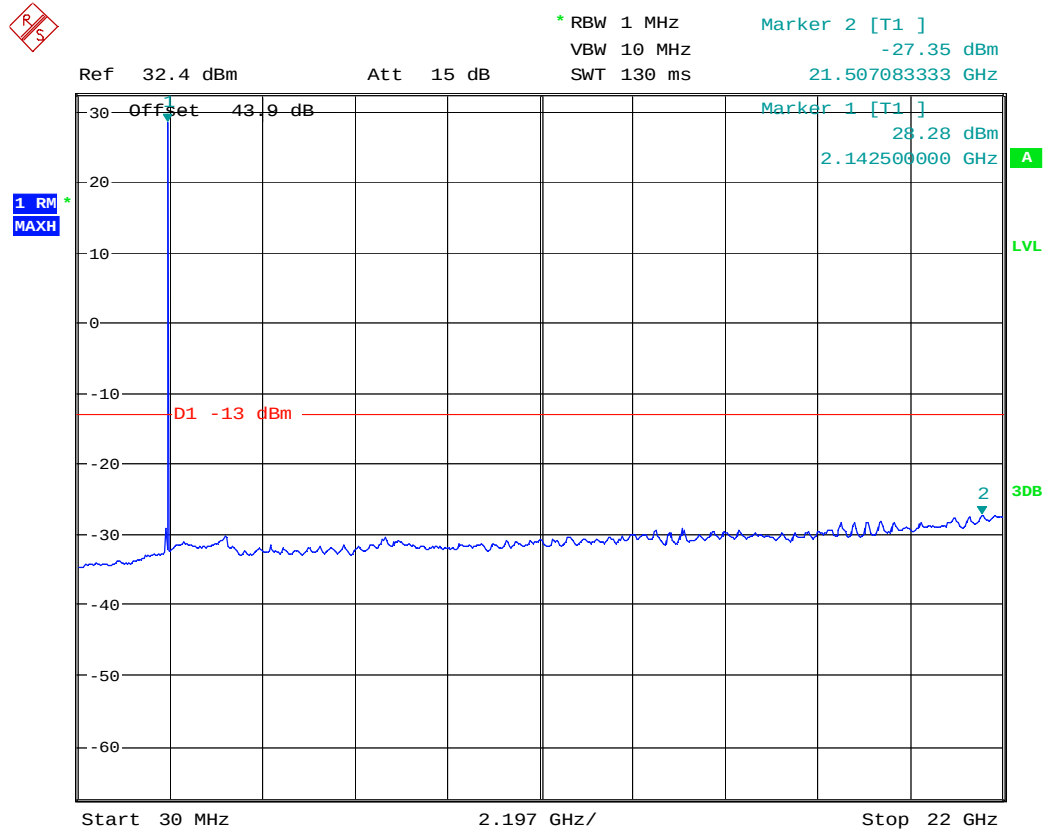
(150k ~ 30M)



Date: 24.APR.2010 18:58:55



(30M~ 22G)



Date: 24.APR.2010 19:00:20



Appendix E

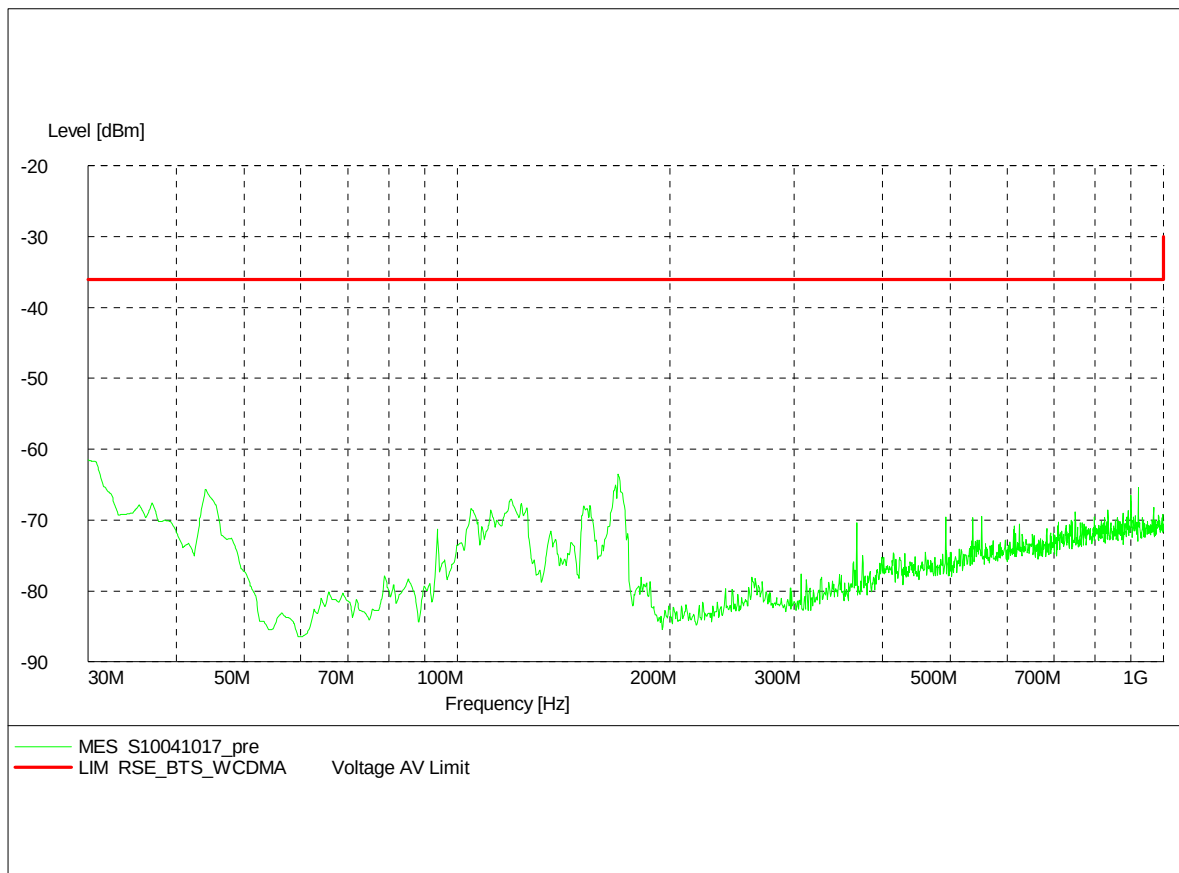
Field Strength of Spurious Radiation According to FCC Part 2.1053 & 27.53(g)



CDMA<E Measurement Result

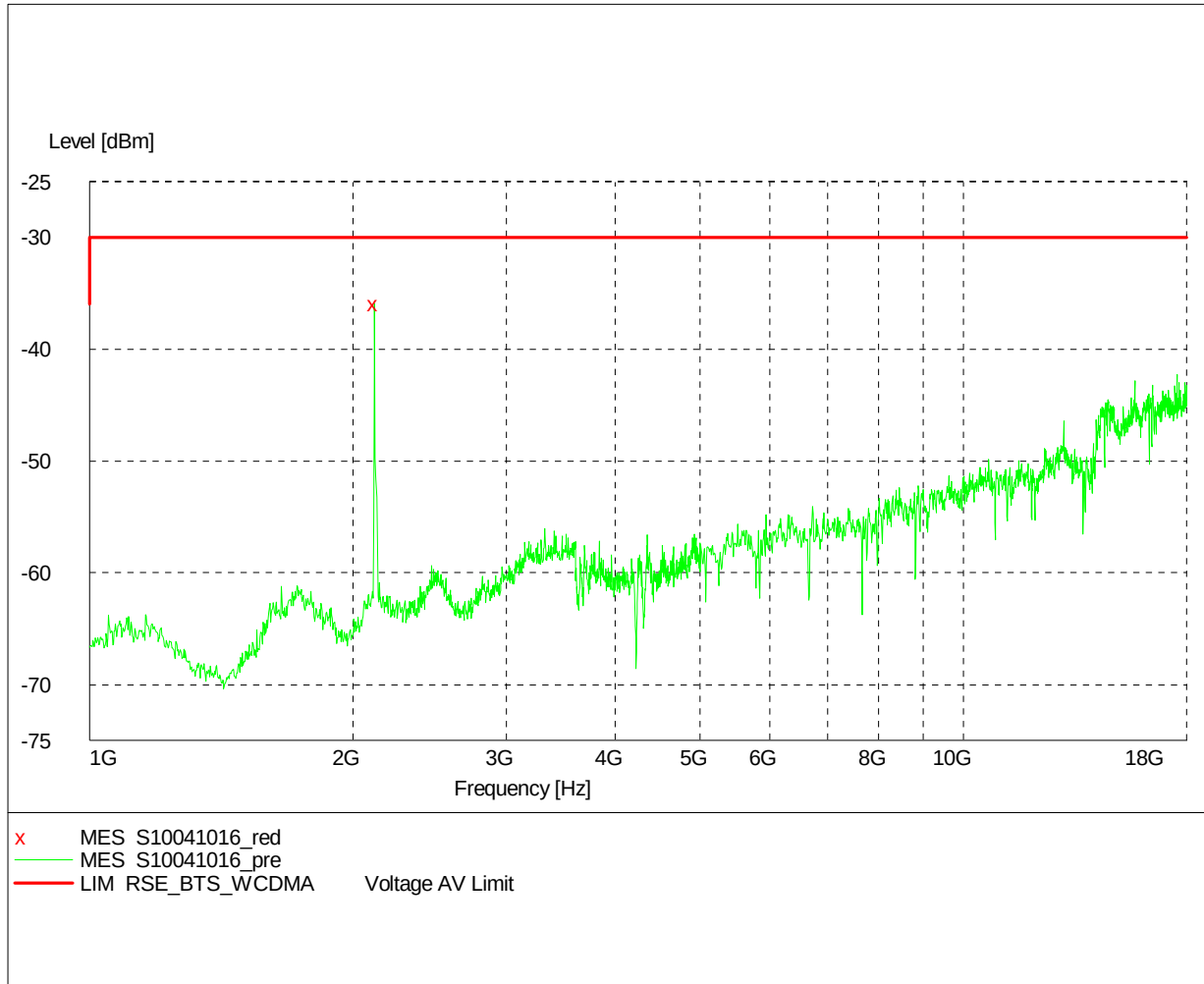
Note: more strict limit was employed by this test.

30MHz-1GHz





Above 1GHz

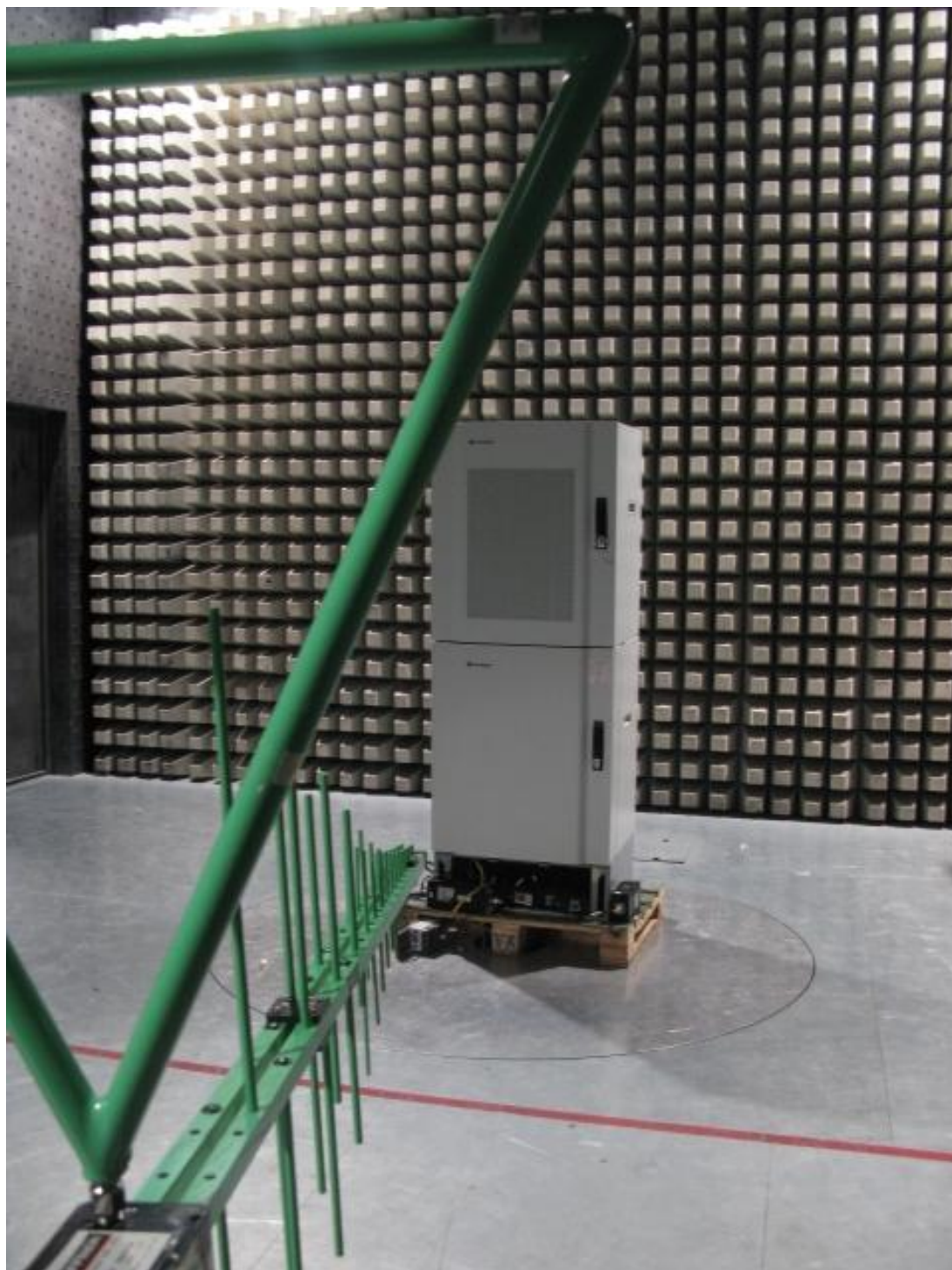




Appendix F

Photos of Test Setup

(Below 1GHz)



(Above 1GHz)

