

## Appendix A

# Effective Radiated Power of Transmitter

According to CFR 47 (FCC) part 2.1046 & 22.913

## Channel 1013

TM1:

Measurement/Instrument Screen									
Control	Maximum/Minimum Power						Call Parms		
Max/Min Power Setup ▾	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Maximum Power</p> <p><b>23.71</b></p> <p>dBm</p> </div> <div style="text-align: center;"> <p>Minimum Power</p> <p><b>-62.12</b></p> <p>dBm/1.23 MHz</p> </div> </div> <div style="margin-top: 10px; text-align: center;"> <span style="background-color: black; color: white; padding: 2px 10px;">Under Range</span> <span style="margin-left: 20px;">Single</span> </div>						Cell 1 Power		
Maximum Power Setup ▾							-55.00		
Minimum Power Setup ▾							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
			Active Cell <b>Connected</b>			Sys Type: IS-2000			
						Logging: No Conn.			
1 of 2			IntRef	Offset					1 of 4



TM3:

Measurement/Instrument Screen									
Control		Maximum/Minimum Power						Call Params	
Max/Min Power Setup ▾		Maximum Power		Minimum Power				Cell 1 Power	
		23.81		-61.91				-55.00	
		dBm		dBm/1.23 MHz				dBm/1.23 MHz	
Maximum Power Setup ▾								Cell Band	
								US Cellular	
Minimum Power Setup ▾								Channel	
				Under Range				1013	
				Single				Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud3, Rvs3)	
								S055 (Loopback)	
								FCH Service Option Setup ▾	
				Active Cell		Sys Type: IS-2000			
				Connected		Logging: No Conn.			
1 of 2					IntRef	Offset			1 of 4

## Channel 283

TM1:

Measurement/Instrument Screen									
Control	Maximum/Minimum Power						Call Params		
Max/Min Power Setup ▾	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Maximum Power</p> <p><b>23.76</b></p> <p>dBm</p> </div> <div style="text-align: center;"> <p>Minimum Power</p> <p><b>-61.74</b></p> <p>dBm/1.23 MHz</p> </div> </div>						Cell 1 Power		
Maximum Power Setup ▾							-55.00		
Minimum Power Setup ▾							dBm/1.23 MHz		
	<div style="display: flex; justify-content: space-between;"> <span style="background-color: black; color: white; padding: 2px;">Under Range</span> <span>Single</span> </div>						Cell Band		
							US Cellular		
							Channel		
							283		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
	Active Cell Connected				Sys Type: IS-2000				
					Logging: No Conn.				
1 of 2				IntRef	Offset				1 of 4

TM3:

Measurement/Instrument Screen															
Call Control		Maximum/Minimum Power						Call Parm							
Operating Mode		<table border="0" style="width:100%; text-align:center;"> <tr> <td style="width:50%;">Maximum Power</td> <td style="width:50%;">Minimum Power</td> </tr> <tr> <td style="font-size:24pt;"><b>23.91</b></td> <td style="font-size:24pt;"><b>-61.84</b></td> </tr> <tr> <td>dBm</td> <td>dBm/1.23 MHz</td> </tr> </table>						Maximum Power	Minimum Power	<b>23.91</b>	<b>-61.84</b>	dBm	dBm/1.23 MHz	Cell 1 Power	
Maximum Power	Minimum Power														
<b>23.91</b>	<b>-61.84</b>														
dBm	dBm/1.23 MHz														
Active Cell		-55.00													
System Type								dBm/1.23 MHz							
IS-2000								Cell Band							
								US Cellular							
End Call		<div style="background-color:black; color:white; padding:2px; display:inline-block;">Under Range</div> <span style="float:right;">Single</span>						Channel							
								283							
Paging INSI Setup								Protocol Rev							
								6 (IS-2000-0)							
Handoff Setup								Radio Config							
								(Fud3, Rvs3)							
								S055 (Loopback)							
								FCH Service Option Setup							
		Active Cell			Sys Type: IS-2000										
		Connected			Logging: No Conn.										
2 of 2				IntRef	Offset			1 of 4							

## Channel 777

TM1:

Measurement/Instrument Screen									
Control	Maximum/Minimum Power						Call Parms		
Max/Min Power Setup ▾	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Maximum Power</p> <p><b>24.09</b></p> <p>dBm</p> </div> <div style="text-align: center;"> <p>Minimum Power</p> <p><b>-61.16</b></p> <p>dBm/1.23 MHz</p> </div> </div>						Cell 1 Power		
Maximum Power Setup ▾							-55.00		
Minimum Power Setup ▾							dBm/1.23 MHz		
	<div style="display: flex; justify-content: space-between;"> <span>Under Range</span> <span>Single</span> </div>						Cell Band		
							US Cellular		
							Channel		
							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
					Active Cell Connected		Sys Type: IS-2000		
							Logging: No Conn.		
1 of 2				IntRef	Offset				1 of 4

TM3:

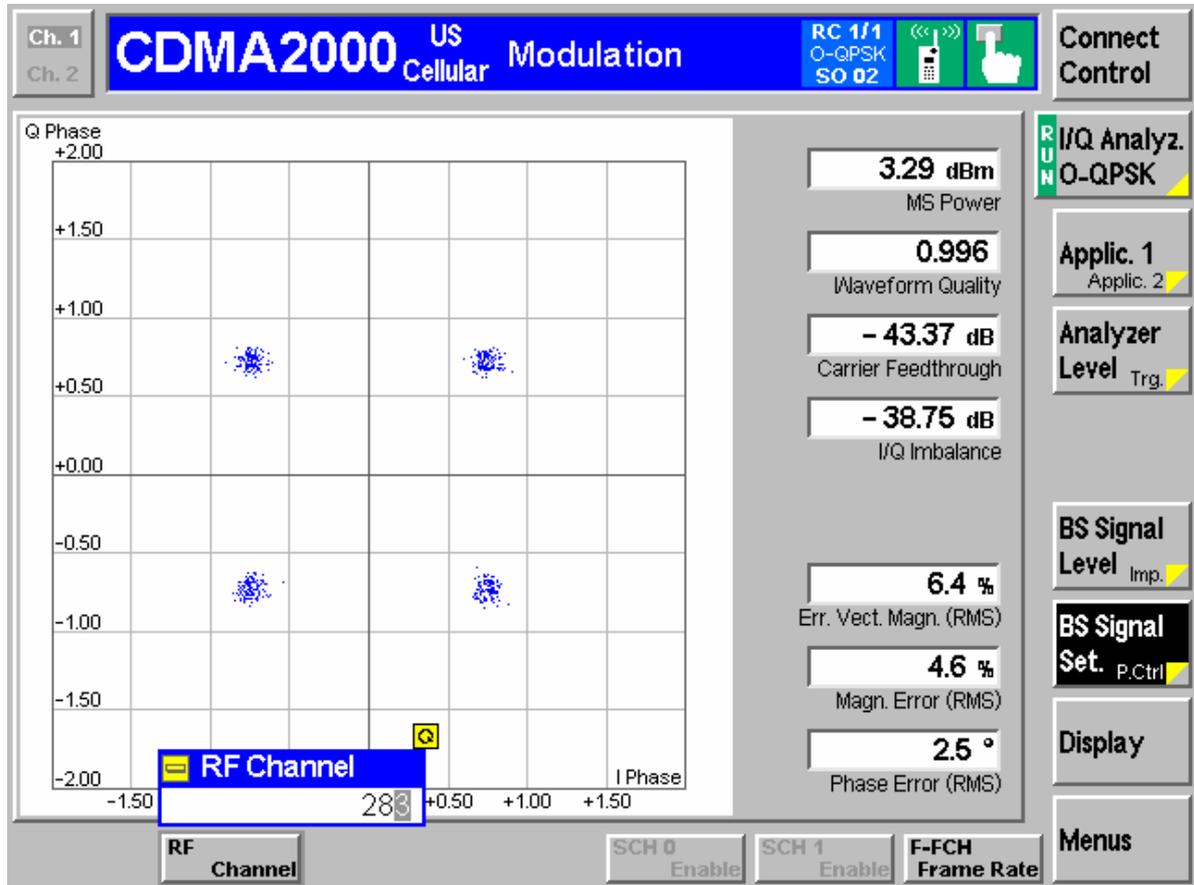
Measurement/Instrument Screen									
Control		Maximum/Minimum Power						Call Parms	
Max/Min Power Setup ▾		Maximum Power			Minimum Power			Cell 1 Power	
		24.02			-61.35			-55.00	
		dBm			dBm/1.23 MHz			dBm/1.23 MHz	
Maximum Power Setup ▾		<div style="border: 1px solid black; padding: 5px; text-align: center;">                     Under Range <span style="float: right;">Single</span> </div>							
Minimum Power Setup ▾									
		Active Cell		Sys Type: IS-2000		Protocol Rev		Cell Band	
		Connected		Logging: No Conn.		6 (IS-2000-0)		US Cellular	
			IntRef	Offset			Radio Config		Channel
							(Fud3, Rvs3)		777
							S055 (Loopback)		
							FCH Service Option Setup ▾		
1 of 2									1 of 4

## Appendix B

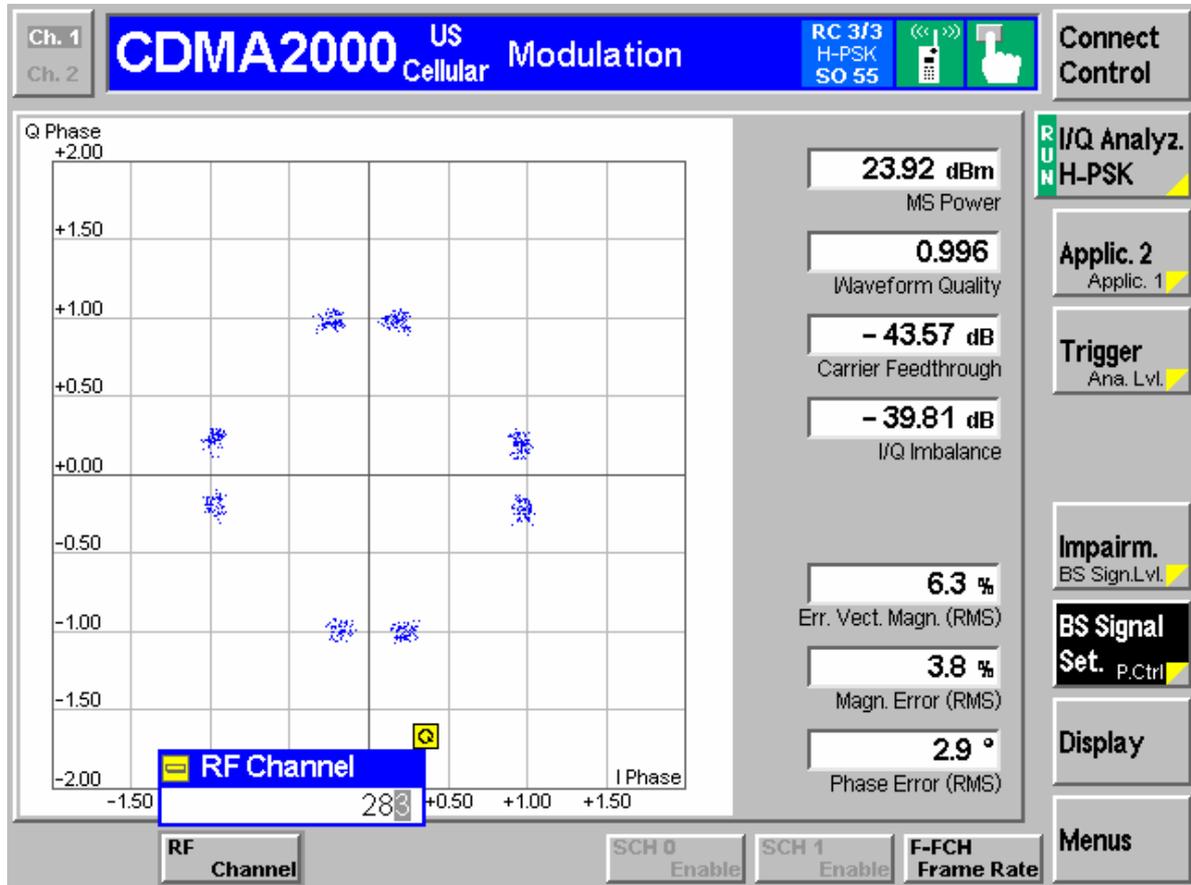
# Modulation Characteristic Measurement

According to CFR 47 (FCC) part 2.1047 & 22.915

# Channel 283 (TM1)



## Channel 283 (TM3)

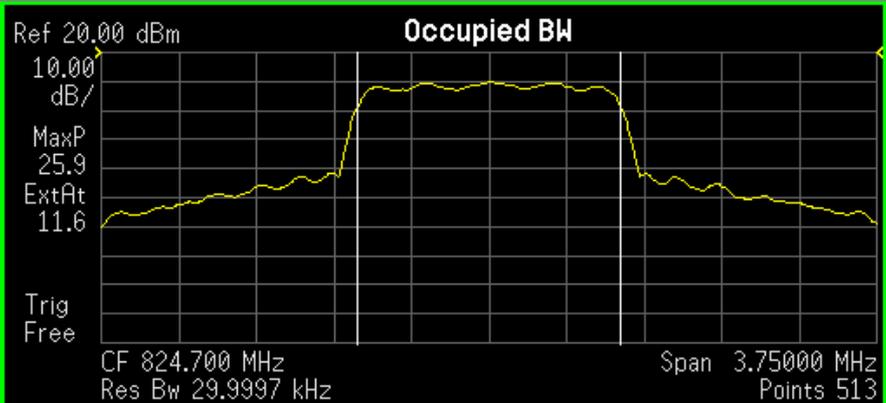


## Appendix C

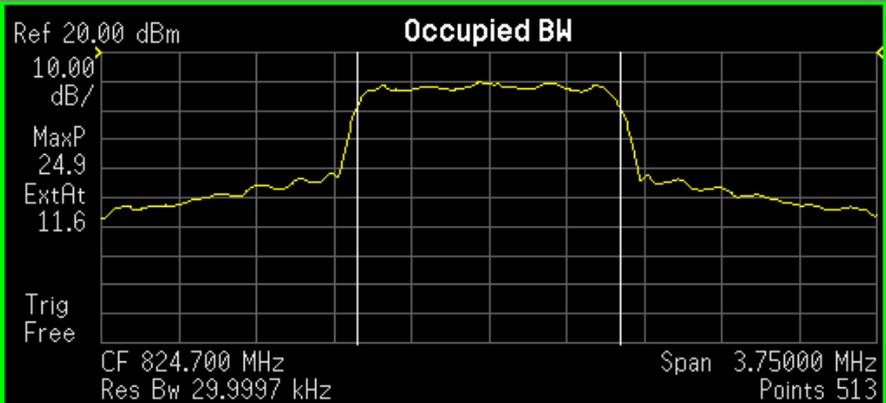
# Occupied Bandwidth Measurement

According to CFR 47 (FCC) part 2.1049& 22.917

### Channel 1013 (TM1)

Agilent		cdma2000	R T	Measure
MS Ch Freq 824.700 MHz		Occupied BW	Averages: 200	Channel Power
			PASS	ACPR
				Intermod
Trig Free				Spectrum Emission Mask
Occupied BW		Total Power		Occupied BW
1.2615 MHz		24.42 dBm		More
				1 of 2

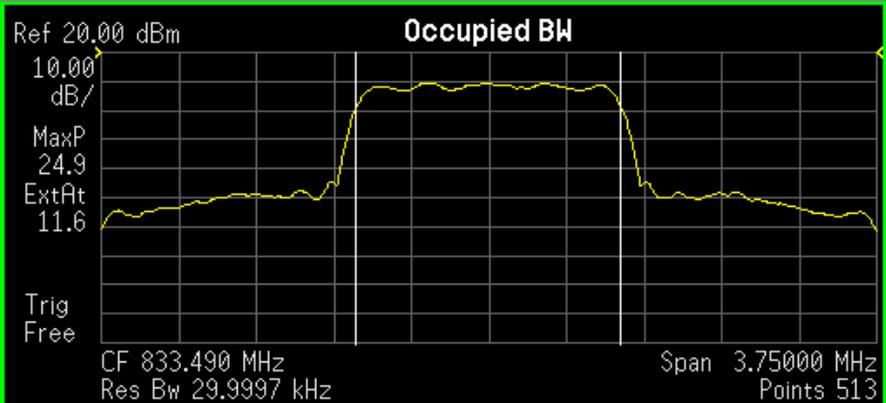
### Channel 1013 (TM3)

* Agilent		cdma2000	L	Measure
MS Ch Freq 824.700 MHz		Occupied BW	Averages: 200	Channel Power
			PASS	ACPR
				Intermod
Trig Free		CF 824.700 MHz	Span 3.75000 MHz	Spectrum Emission Mask
Res Bw 29.9997 kHz			Points 513	Occupied BW
Occupied BW		Total Power		More
1.2624 MHz		24.16 dBm		1 of 2

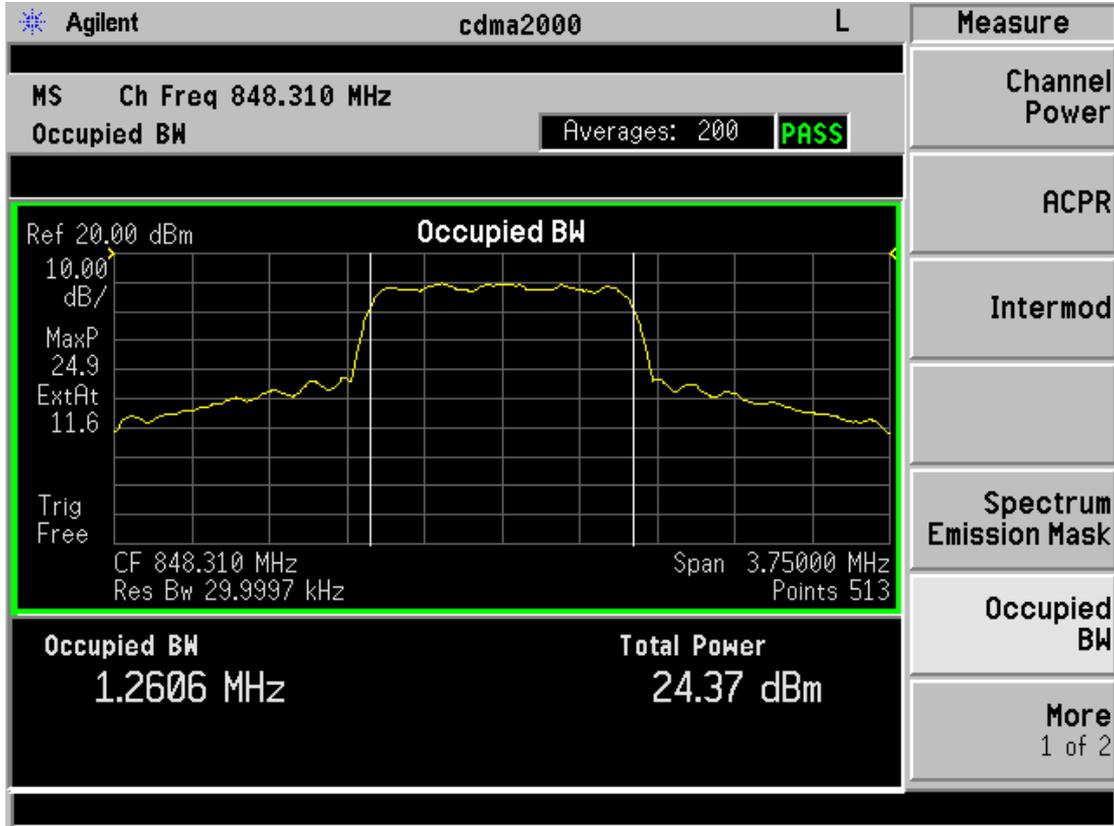
### Channel 283 (TM1)

* Agilent		cdma2000	L	Measure
MS Ch Freq 833.490 MHz		Occupied BW	Averages: 200	Channel Power
			<b>PASS</b>	ACPR
				Intermod
Ref 20.00 dBm				Spectrum Emission Mask
CF 833.490 MHz Res Bw 29.9997 kHz				Occupied BW
Span 3.75000 MHz Points 513				More
Occupied BW		Total Power		1 of 2
1.2607 MHz		24.55 dBm		

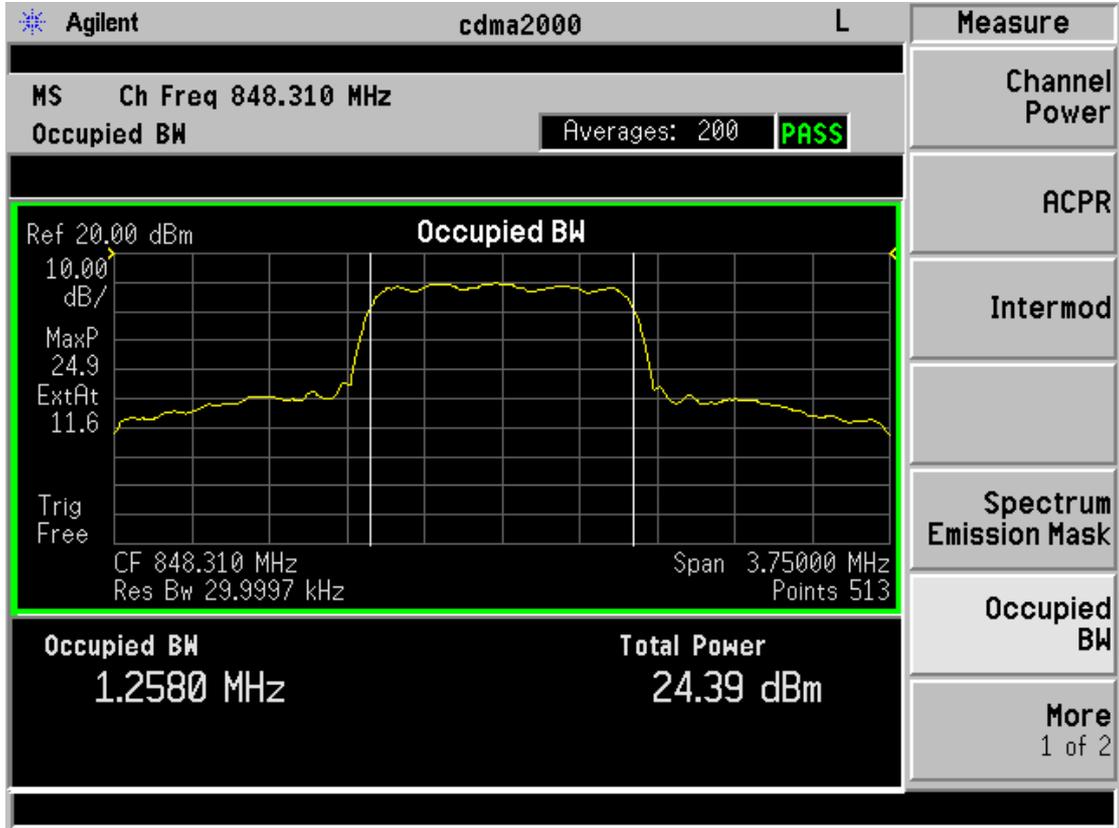
### Channel 283 (TM3)

* Agilent		cdma2000	L	Measure
MS Ch Freq 833.490 MHz		Occupied BW	Averages: 200	Channel Power
			PASS	ACPR
				
Ref 20.00 dBm		CF 833.490 MHz		Spectrum Emission Mask
10.00 dB/		Res Bw 29.9997 kHz		Occupied BW
MaxP 24.9		Span 3.75000 MHz		More
ExtAt 11.6		Points 513		1 of 2
Trig Free		Occupied BW	Total Power	
		1.2651 MHz	24.42 dBm	

### Channel 777 (TM1)



### Channel 777 (TM3)

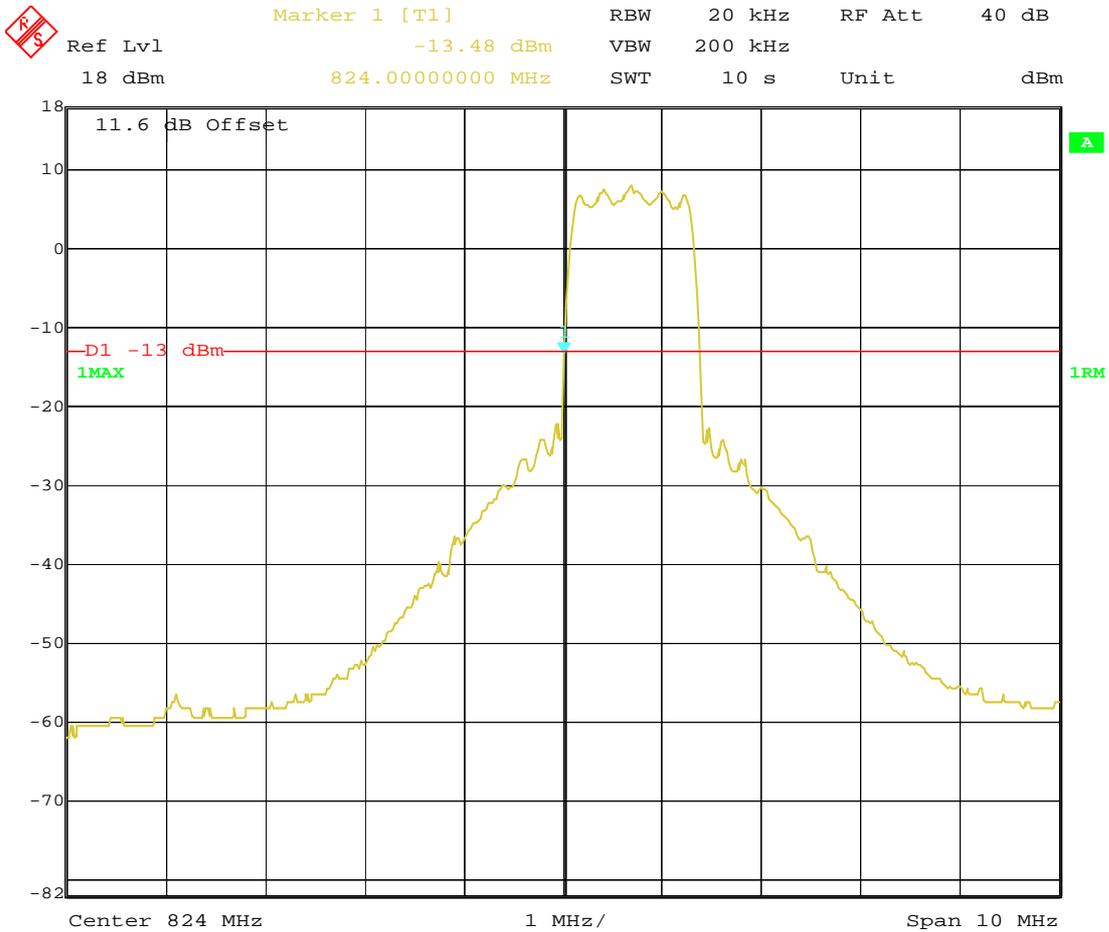


## Appendix D

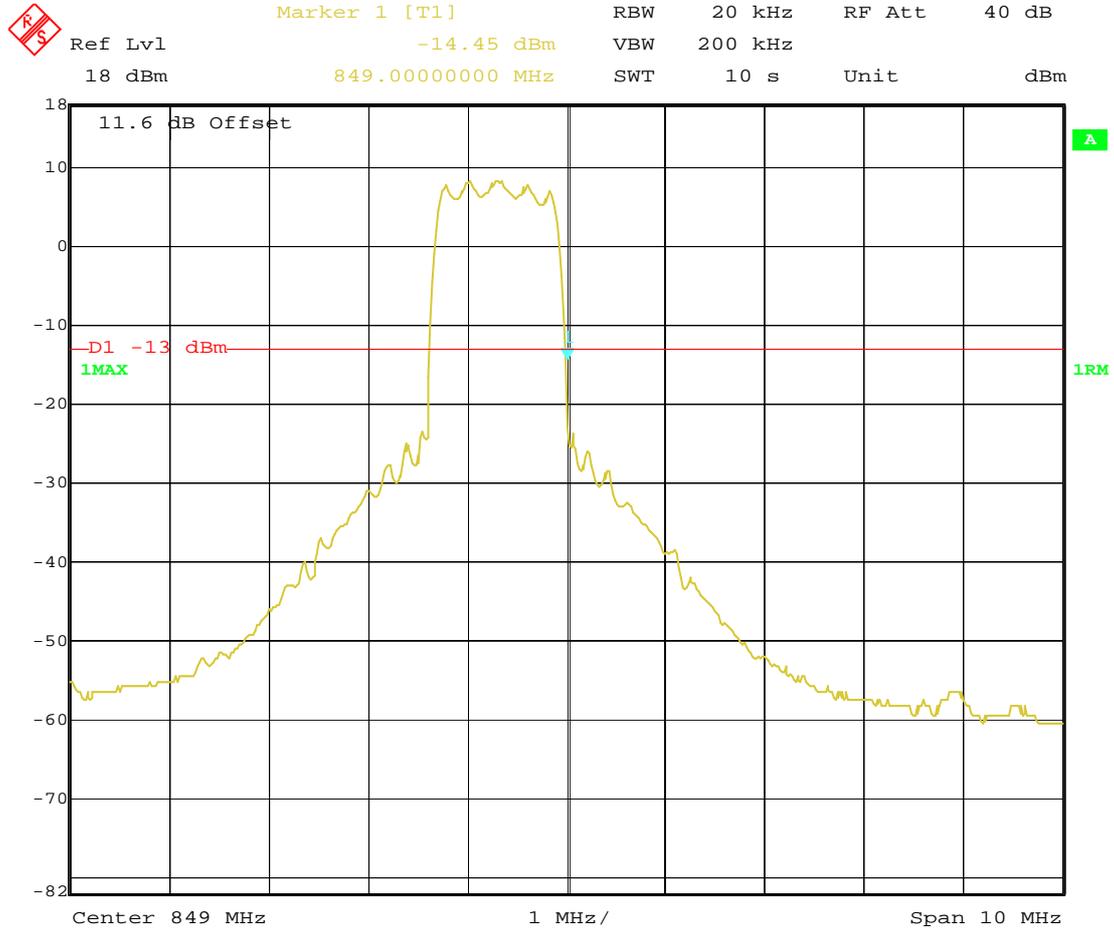
### Measurement Results Band Edges According to CFR 47 (FCC) part 2.1051 & 22.917(e)

TM1

Channel 1013 (824 MHz)

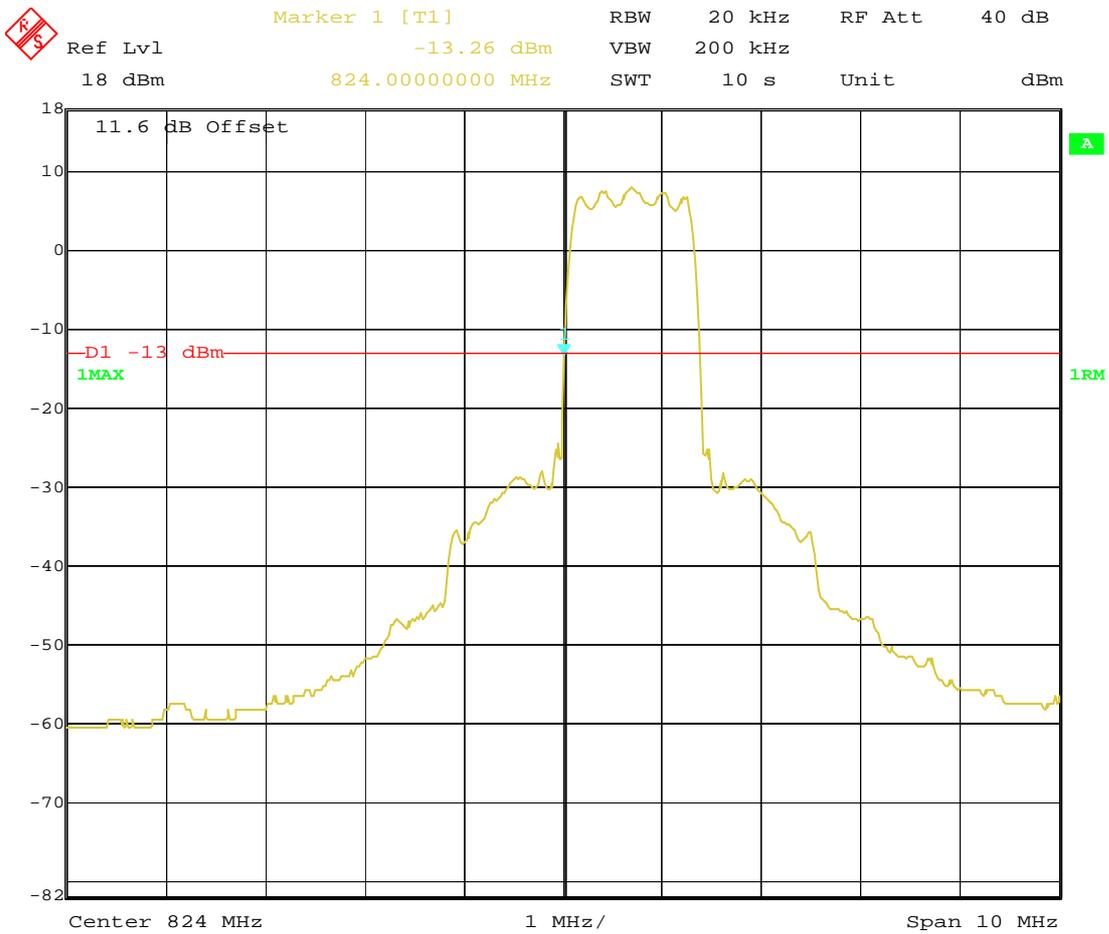


### Channel 777(849 MHz)



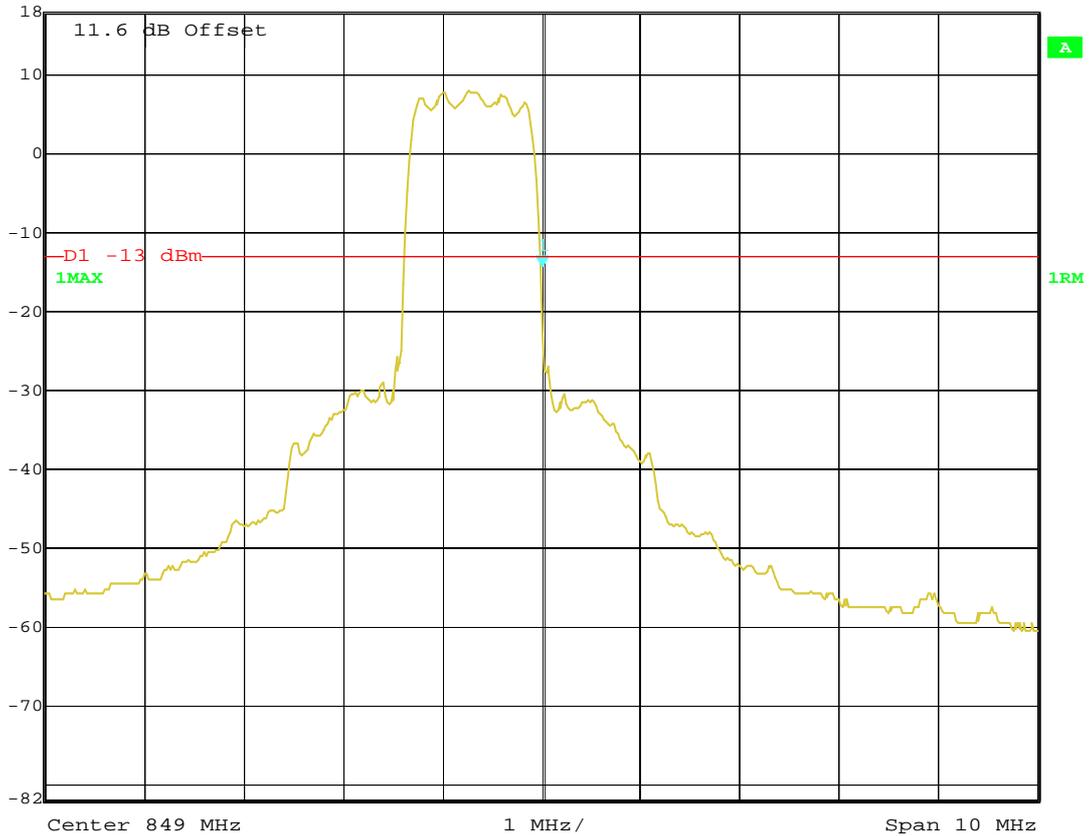
### TM3

### Channel 1013 (824 MHz)



### Channel 777 (849 MHz)

 Marker 1 [T1] RBW 20 kHz RF Att 40 dB  
Ref Lvl -14.42 dBm VBW 200 kHz  
18 dBm 849.0000000 MHz SWT 10 s Unit dBm



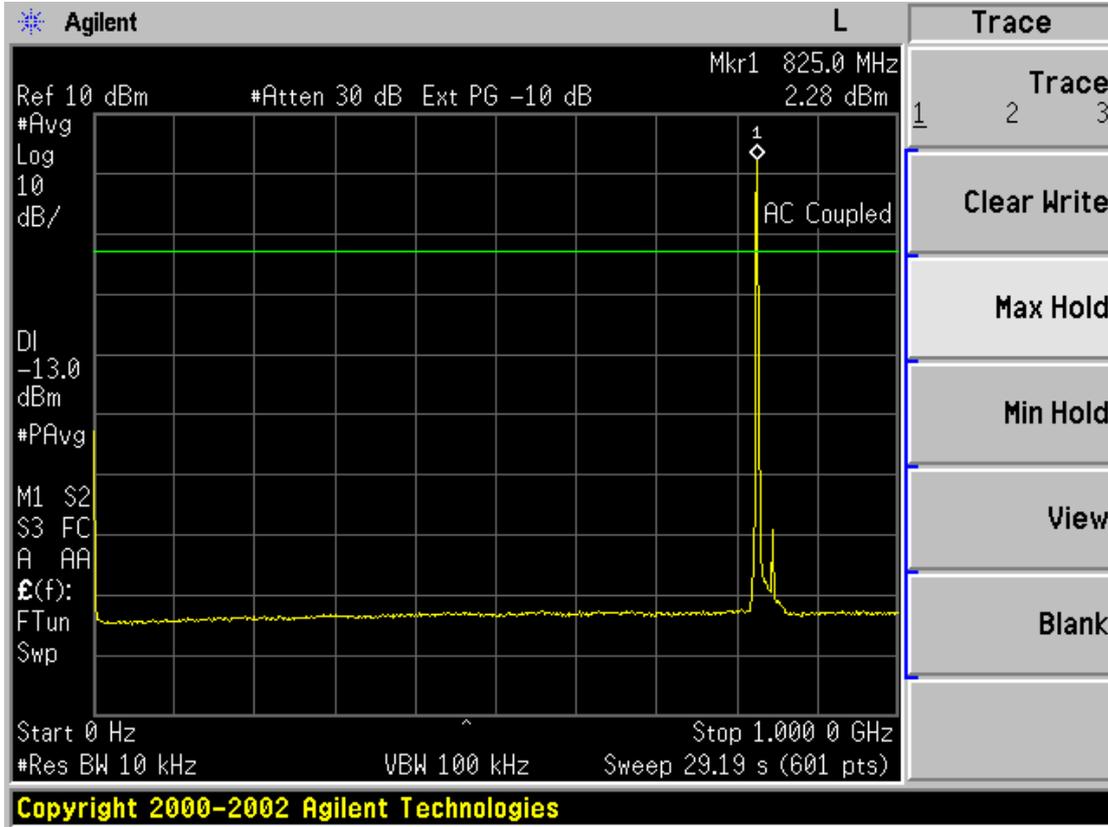
## Appendix E

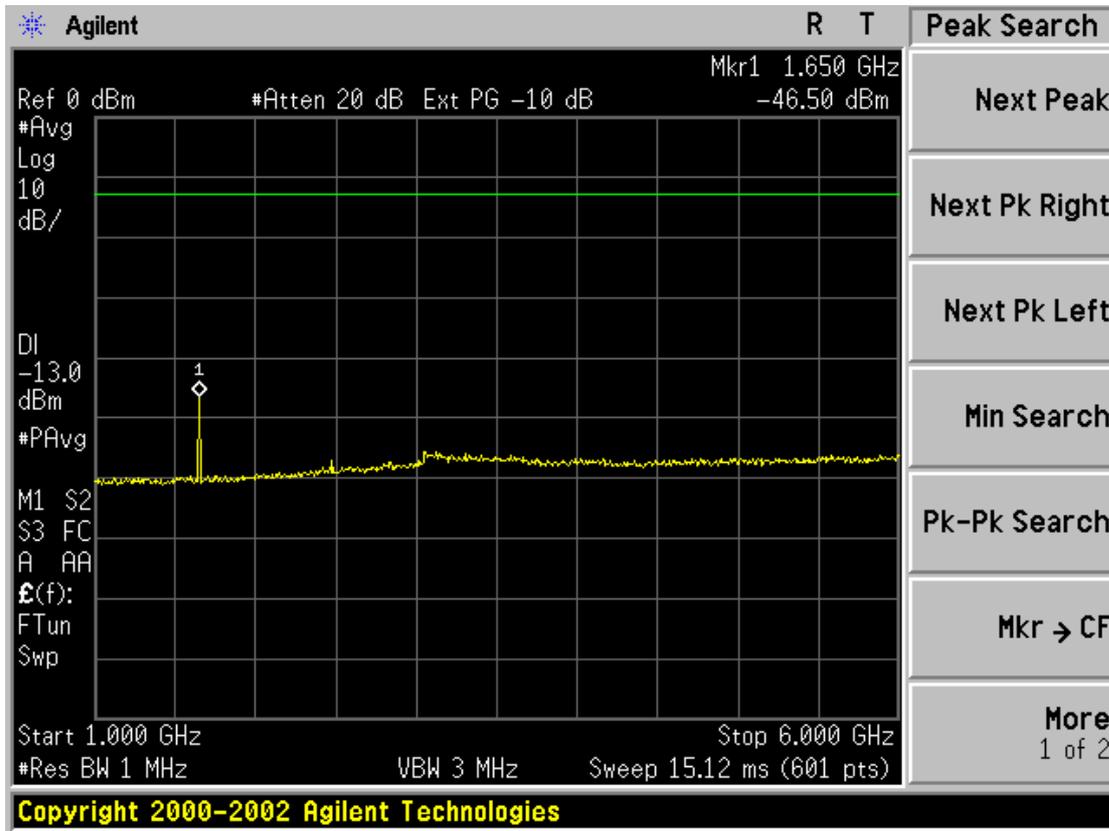
# Spurious Emission at Antenna Terminal

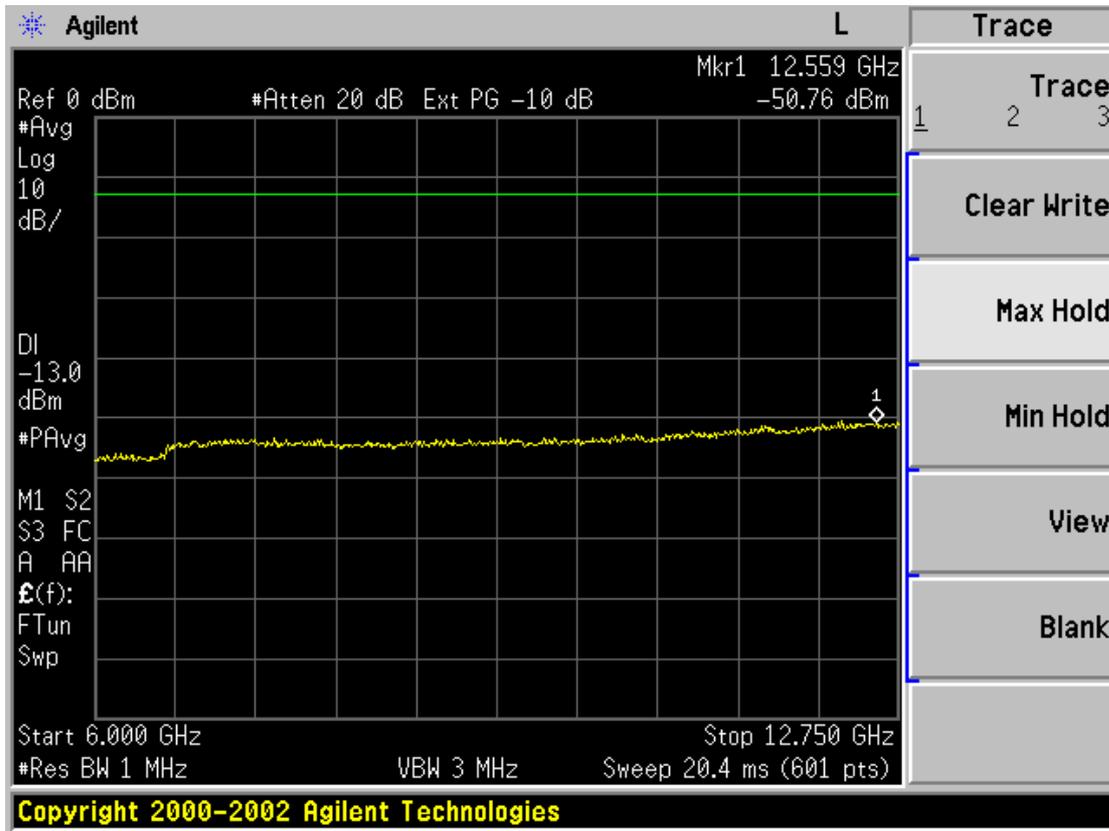
According to CFR 47 (FCC) part 2.1051 & 22.917(e)

### 1.1 TM1

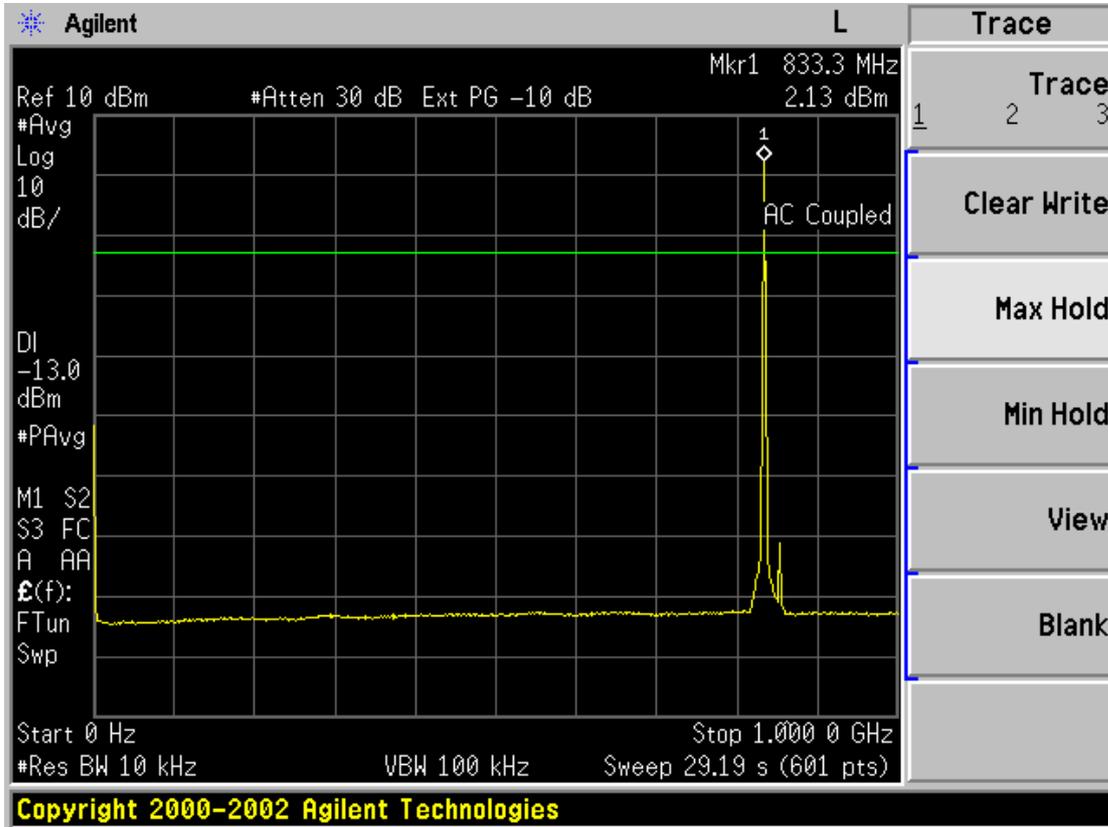
Channel 1013

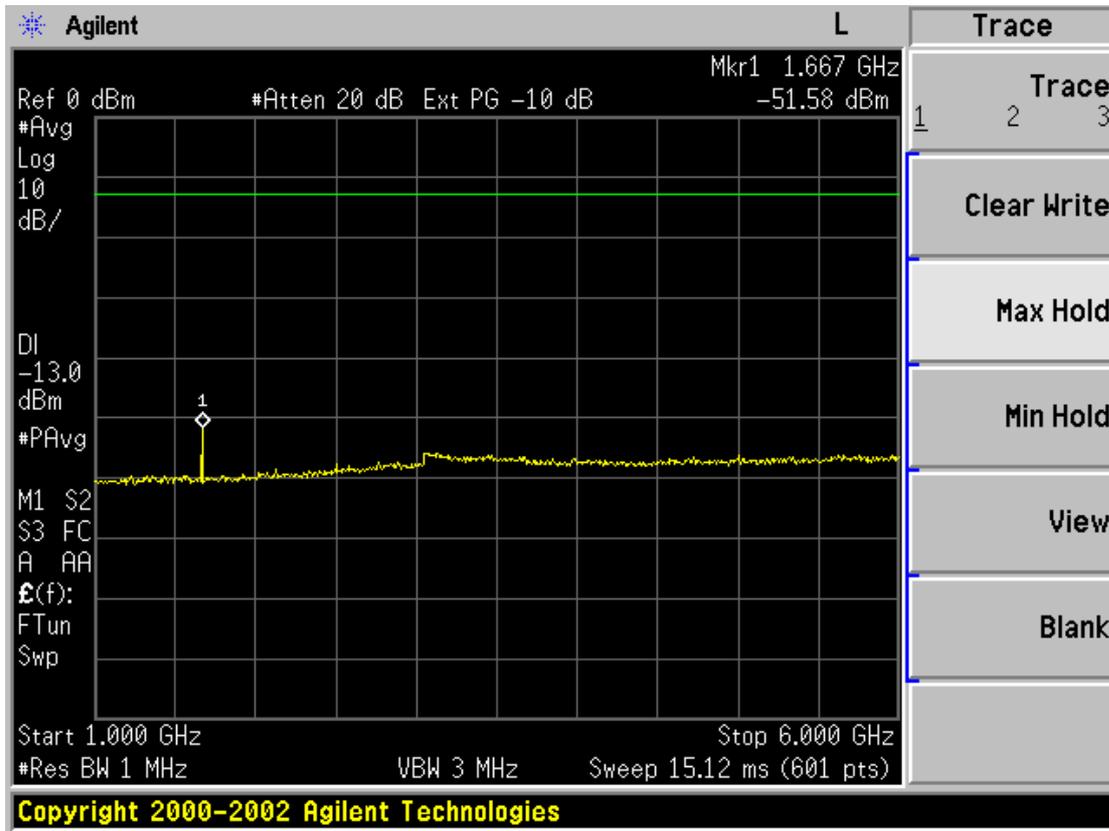


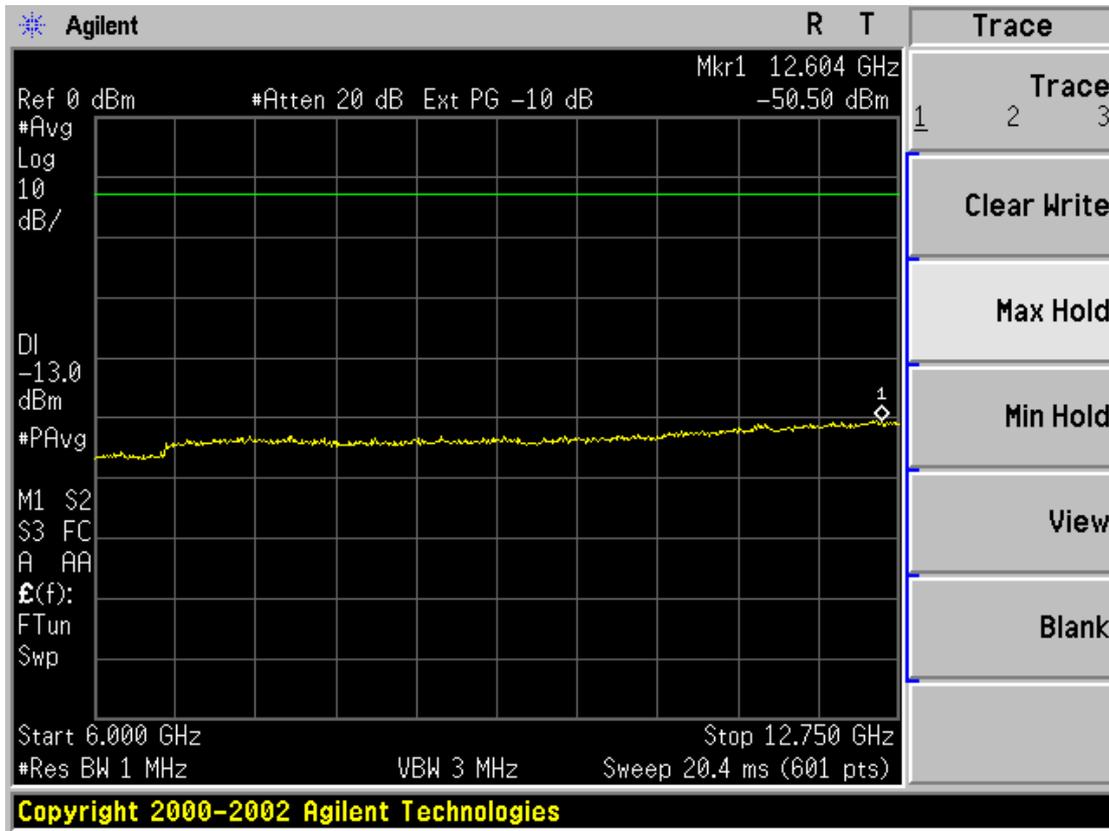




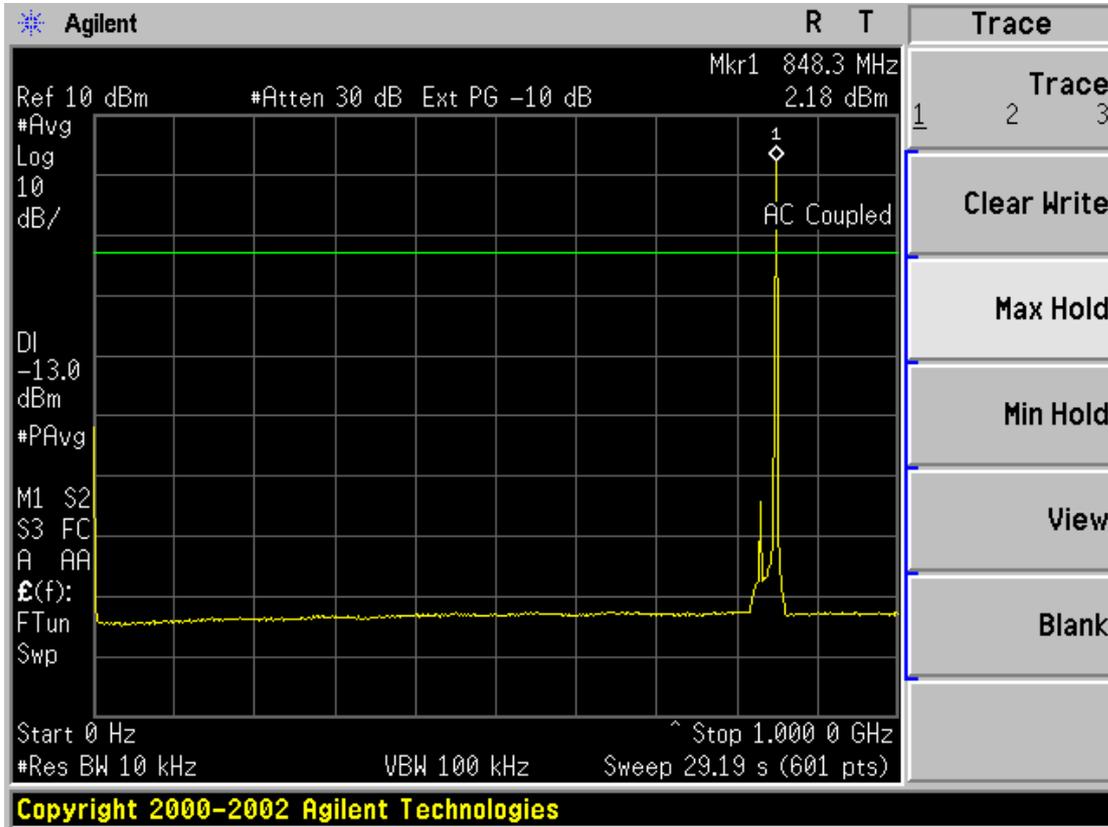
Channel 283

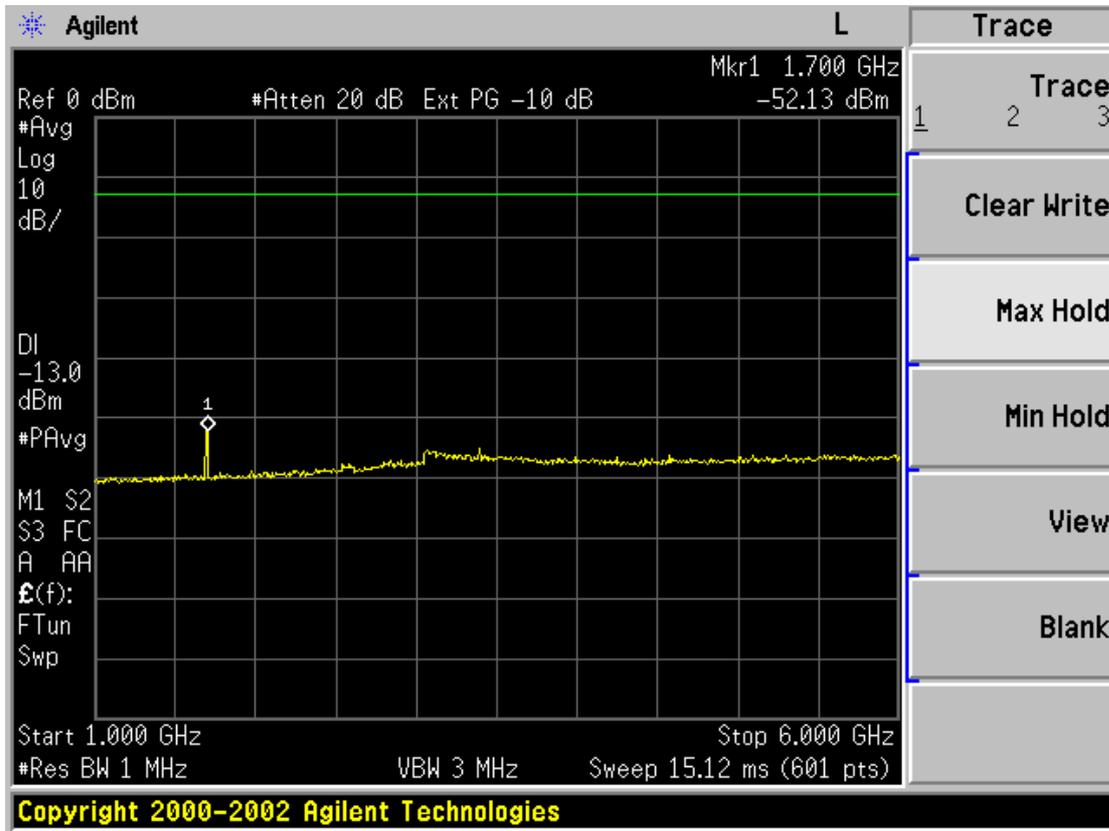


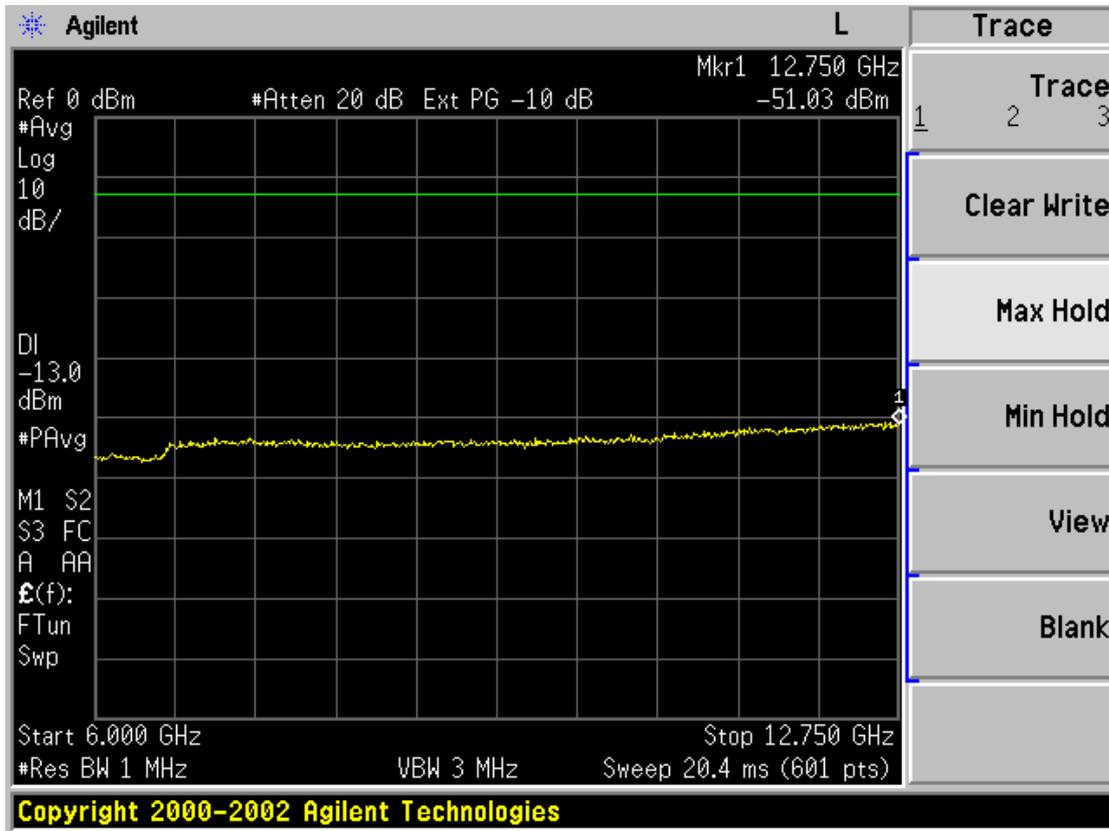




### Channel 777

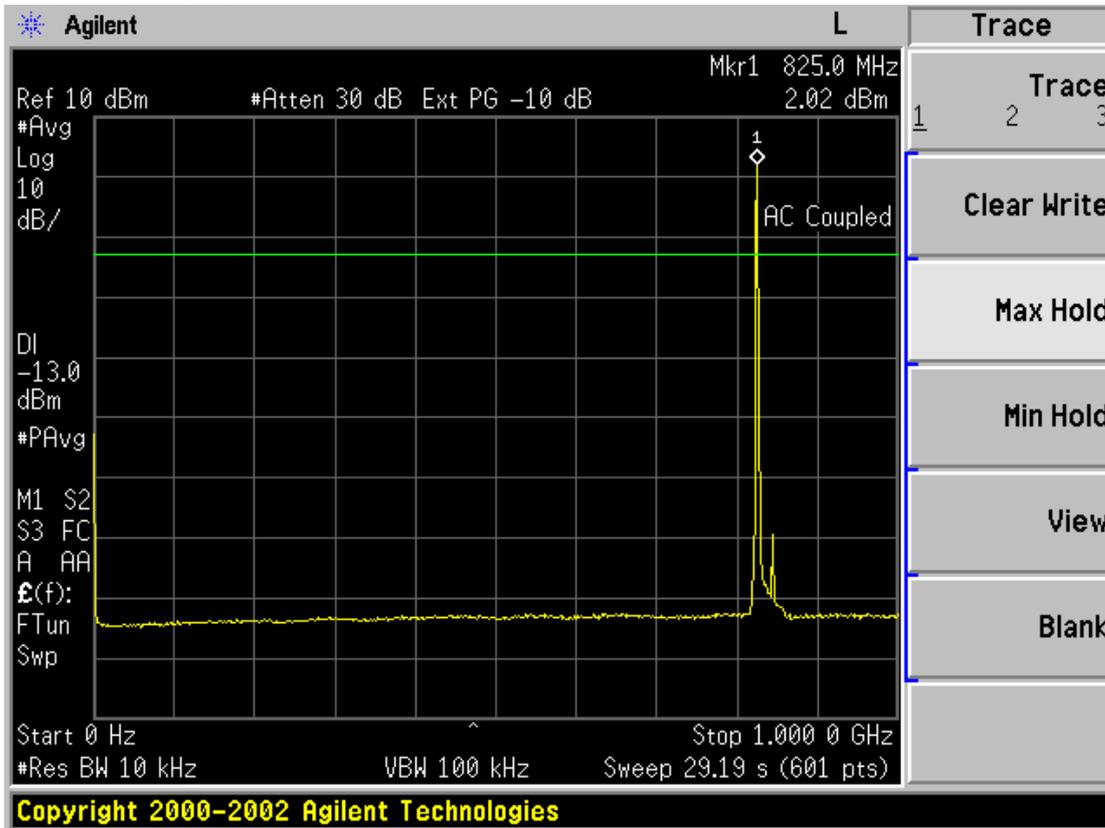


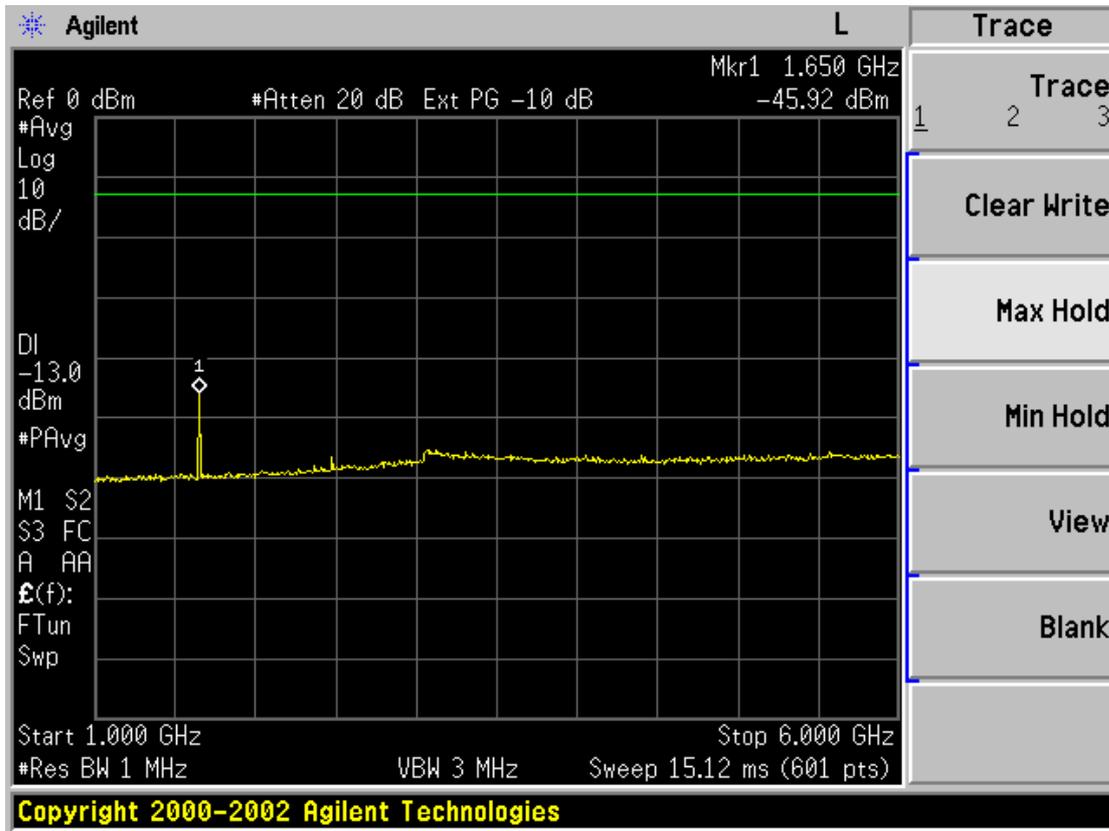


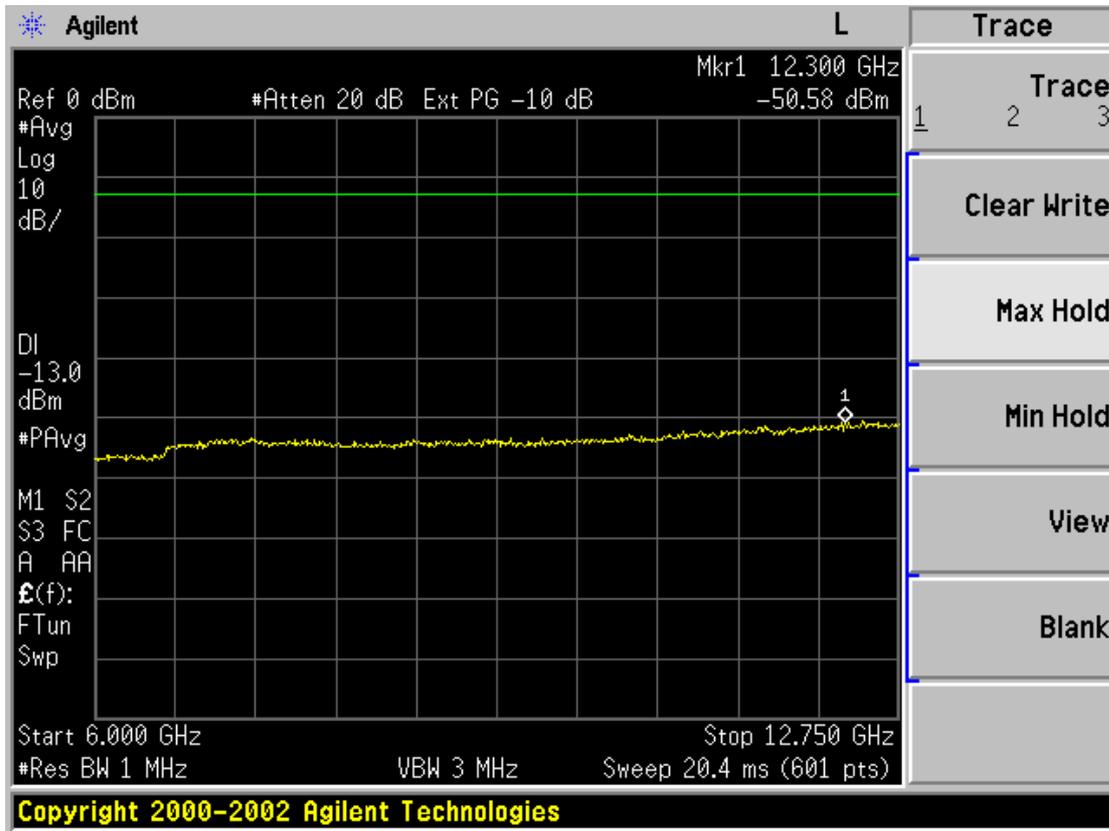


## 1.2 TM3

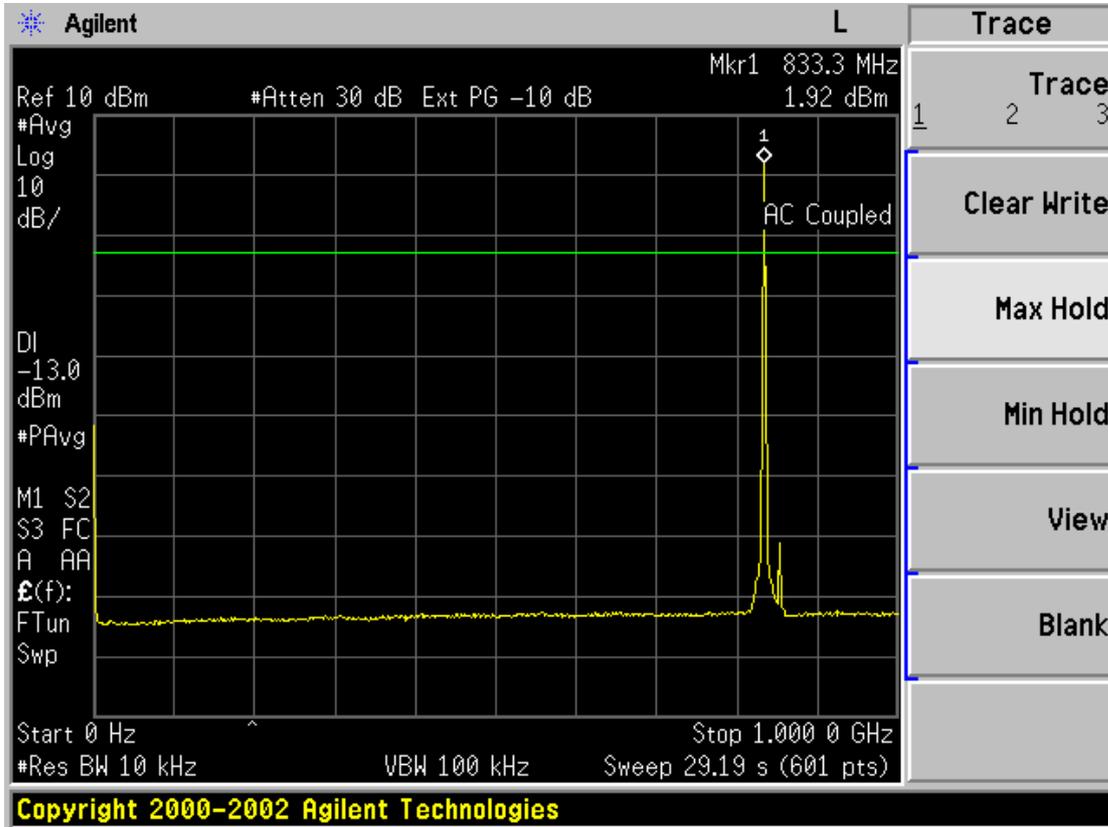
### Channel 1013

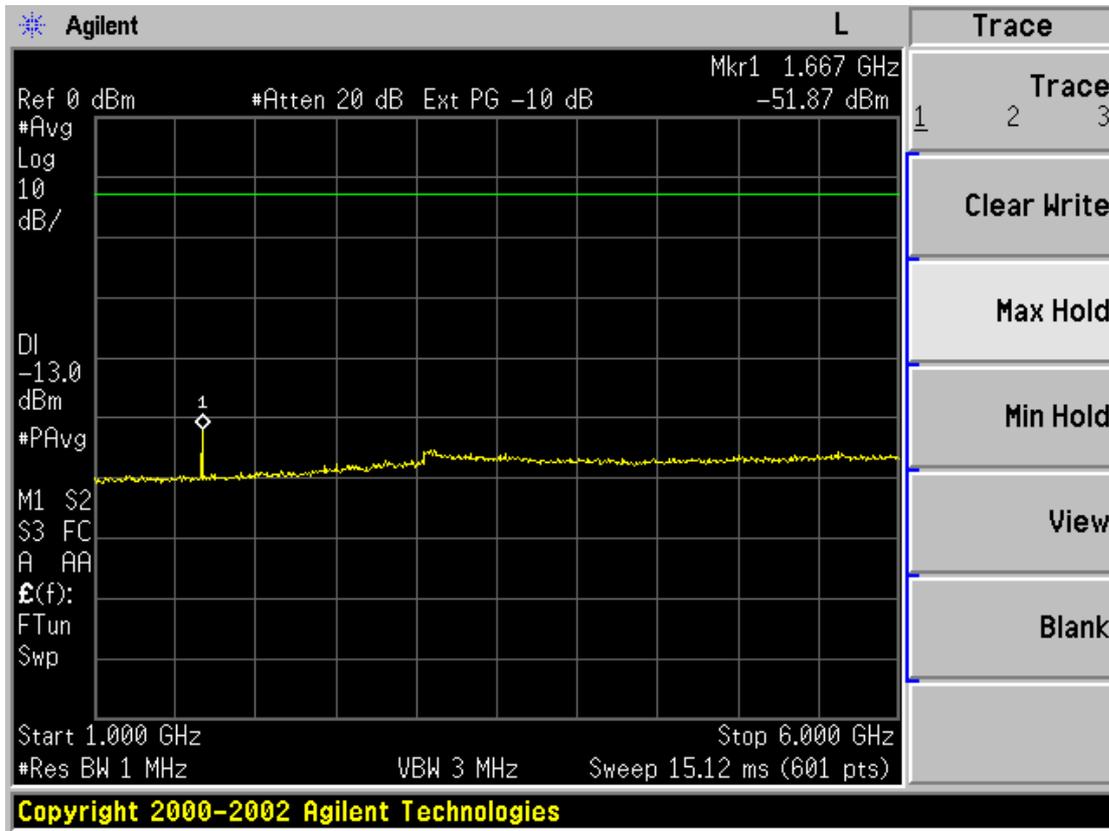


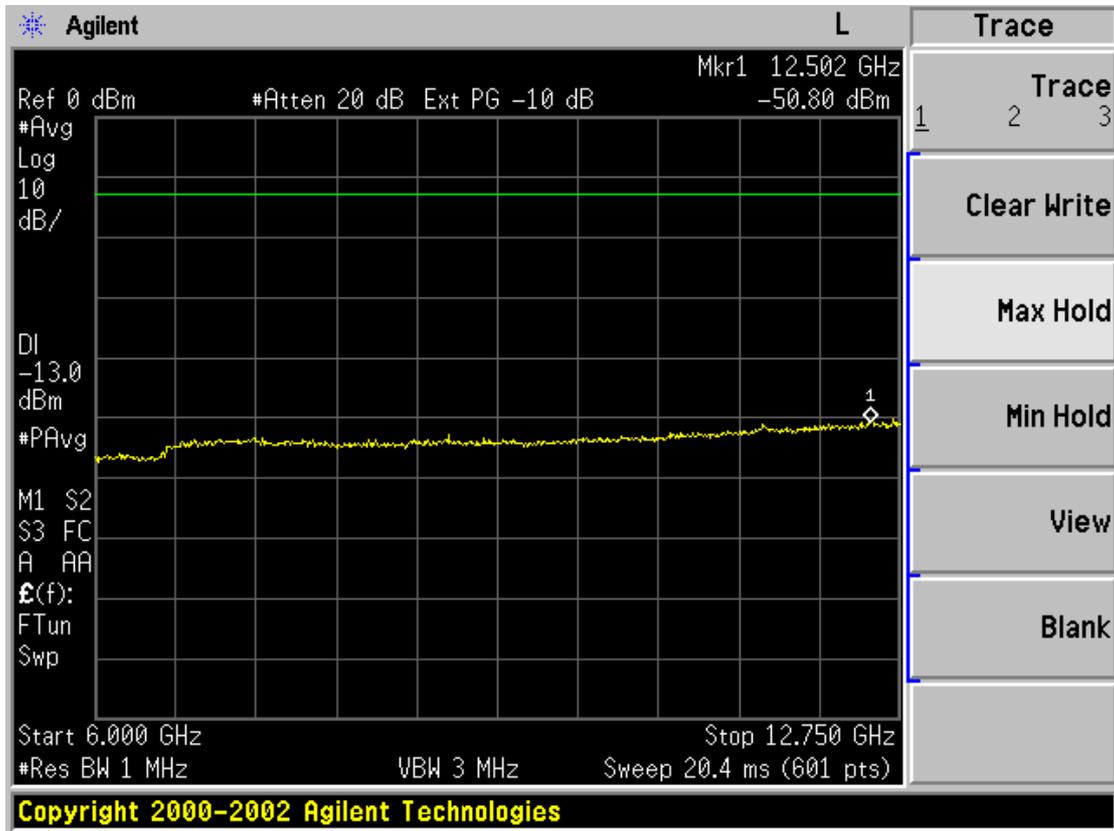




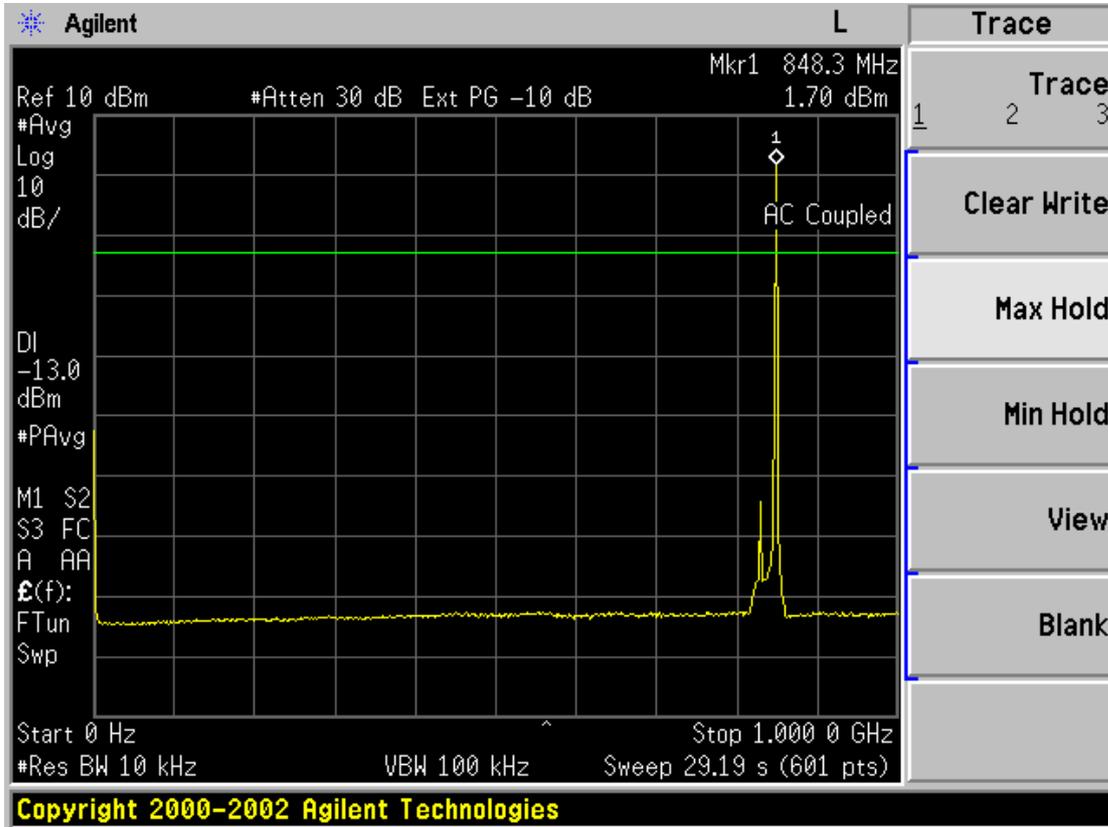
### Channel 283

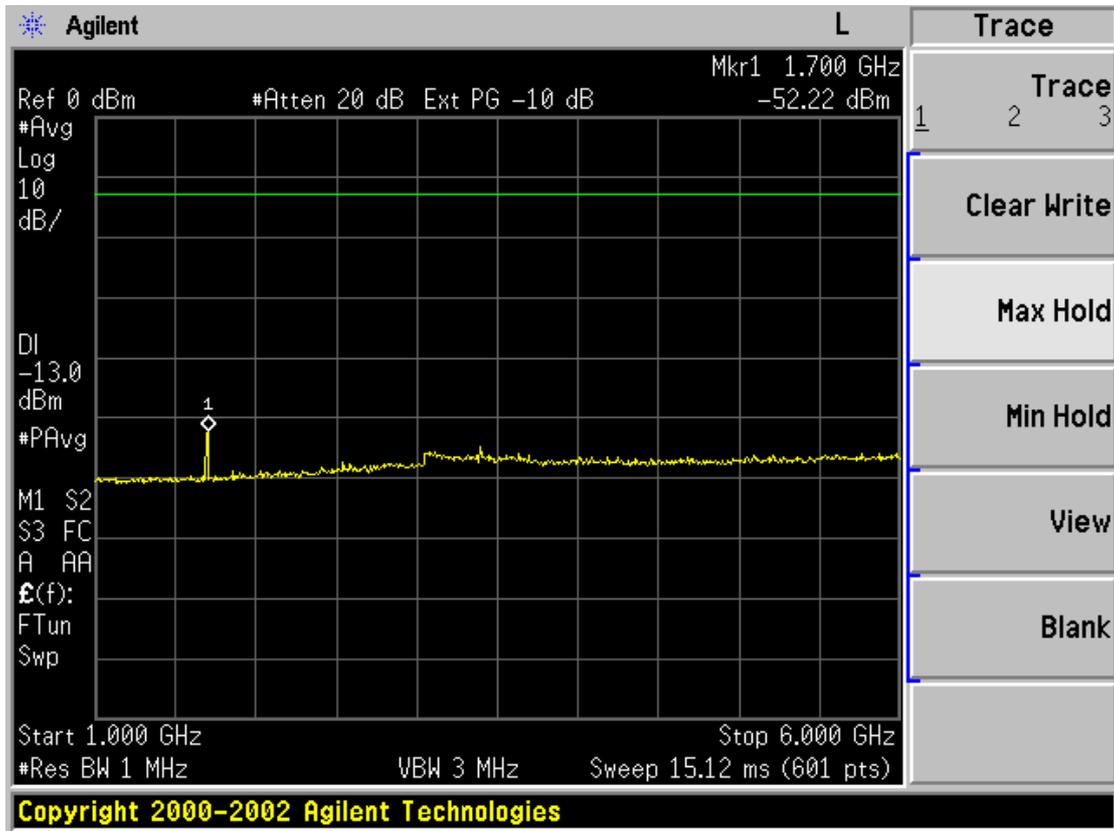


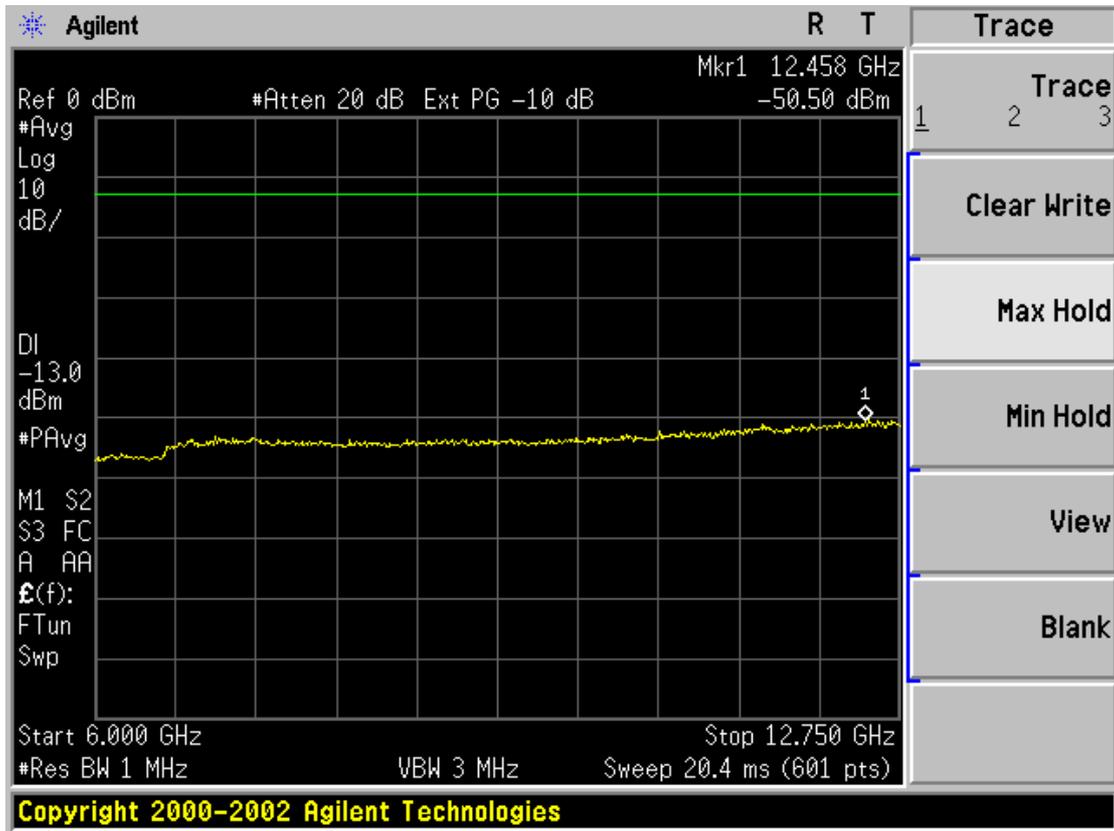




### Channel 777



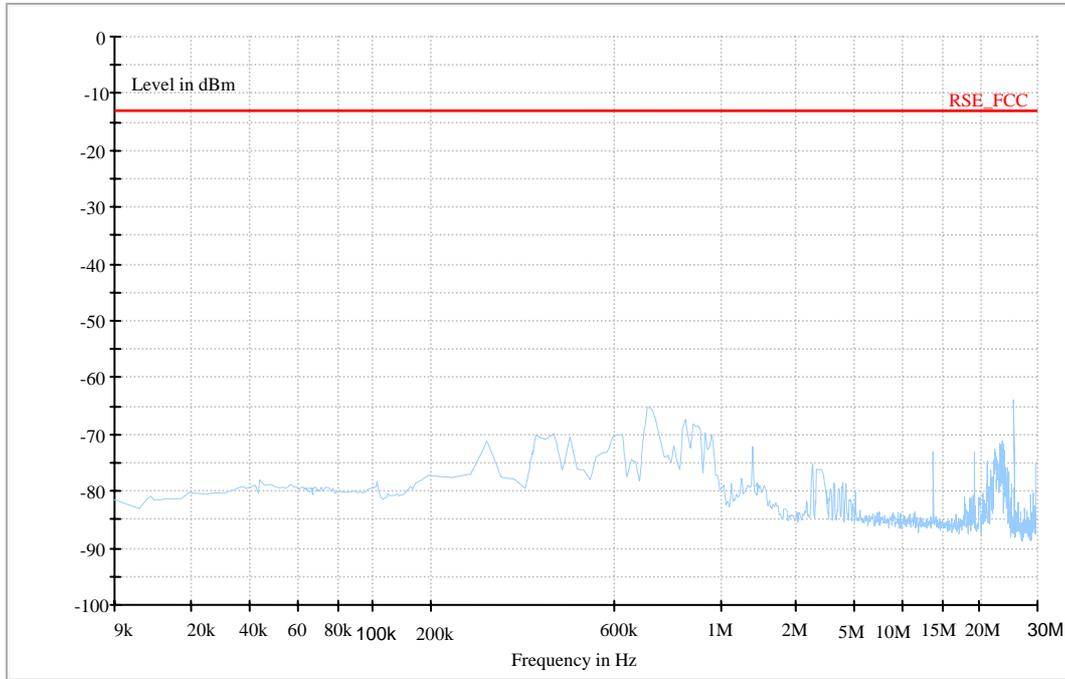




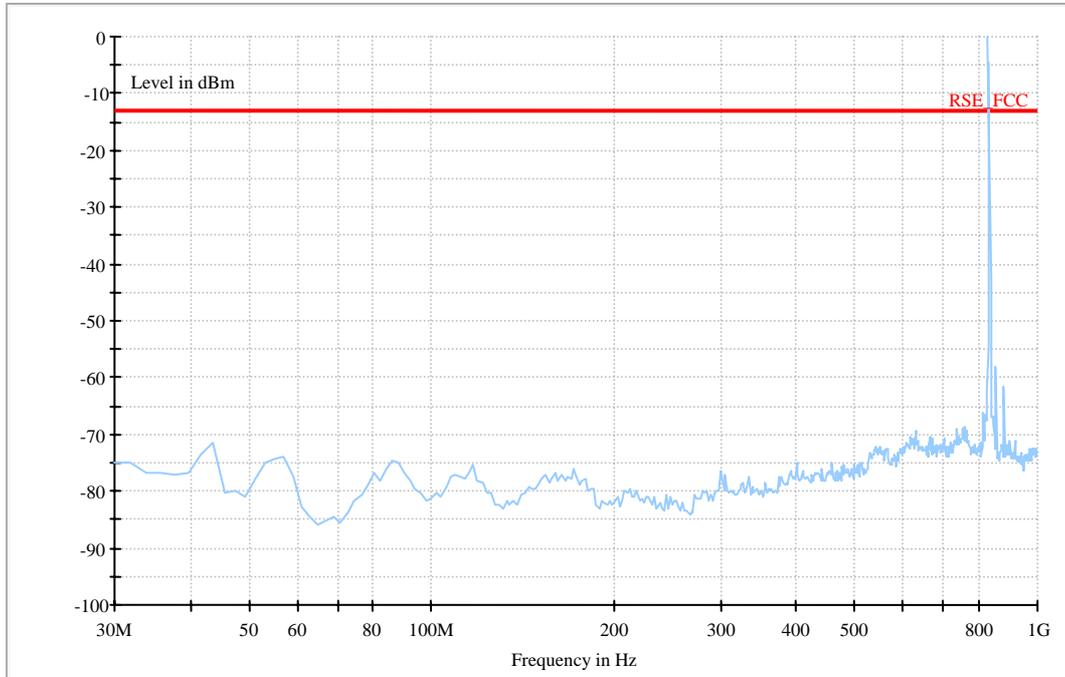
## Appendix F

### Field Strength of Spurious Radiation According to CFR 47 (FCC) part 2.1053 & 22.917(e)

### TRA Mode (9kHz-30MHz)

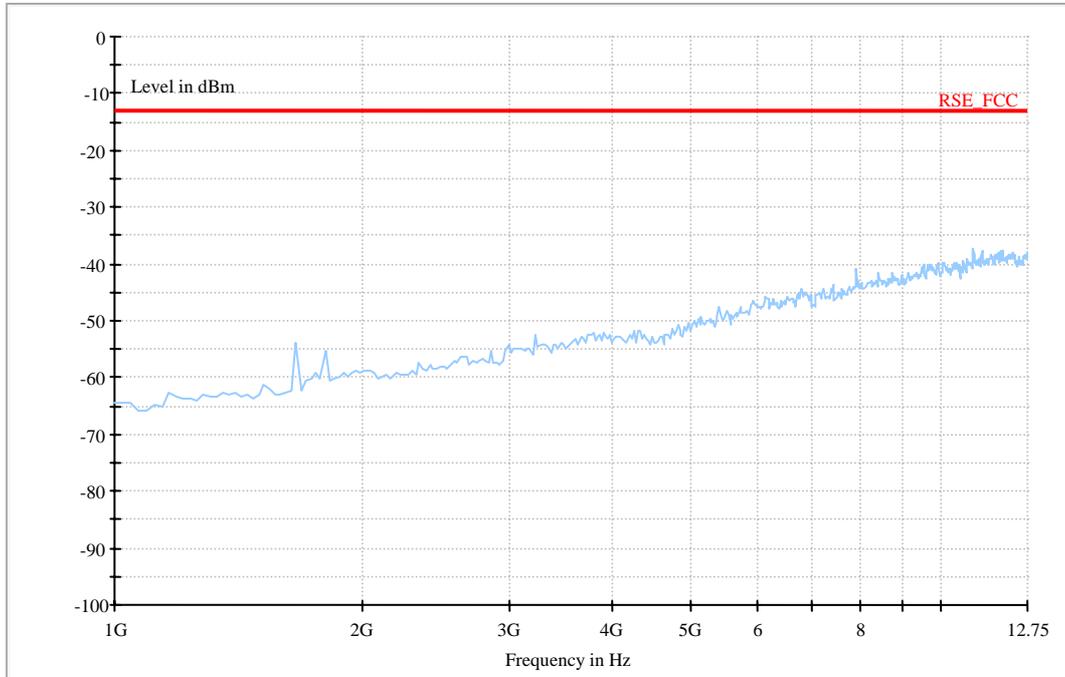


### TRA Mode (30MHz-1GHz)

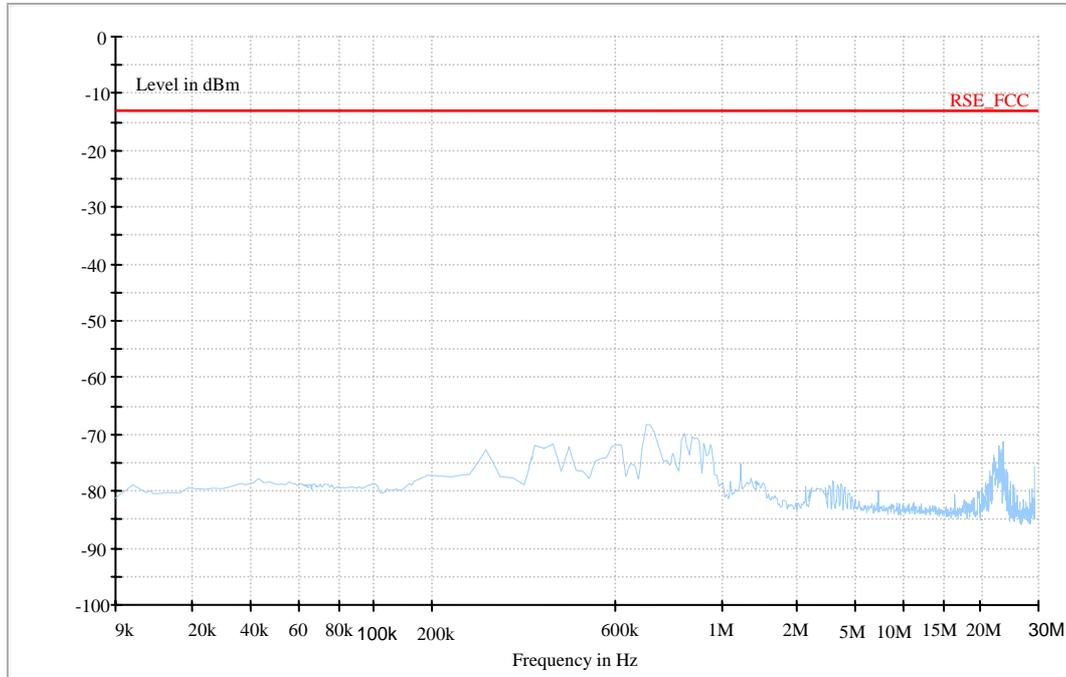


Note: The frequency which exceeded the limit was the carrier frequency.

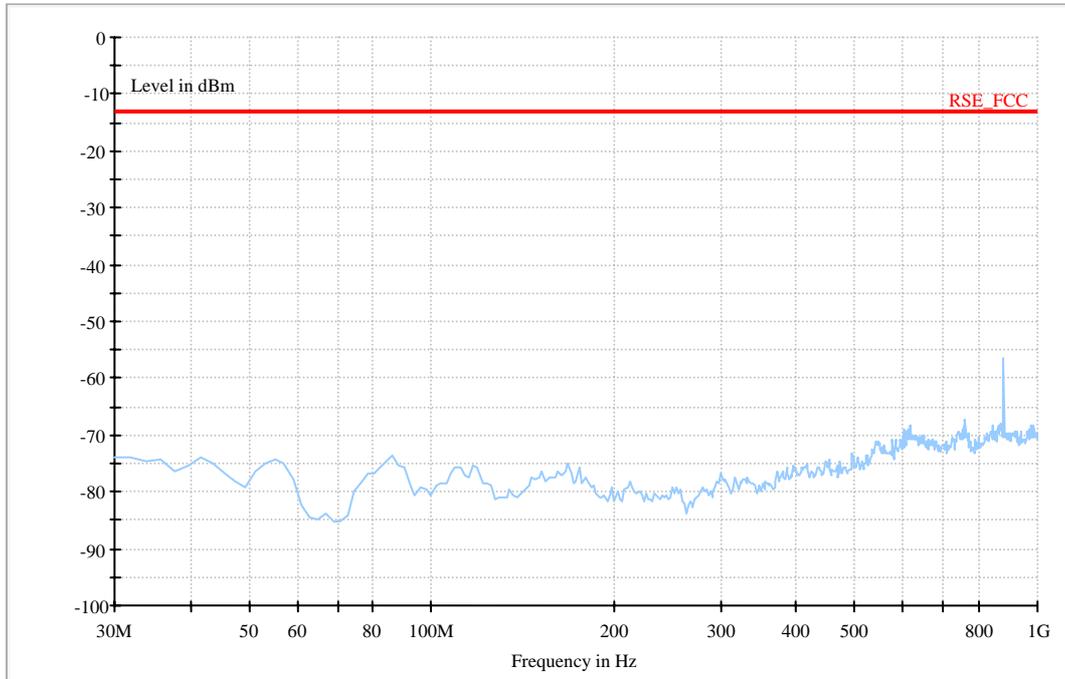
### TRA Mode (1GHz-12.75GHz)



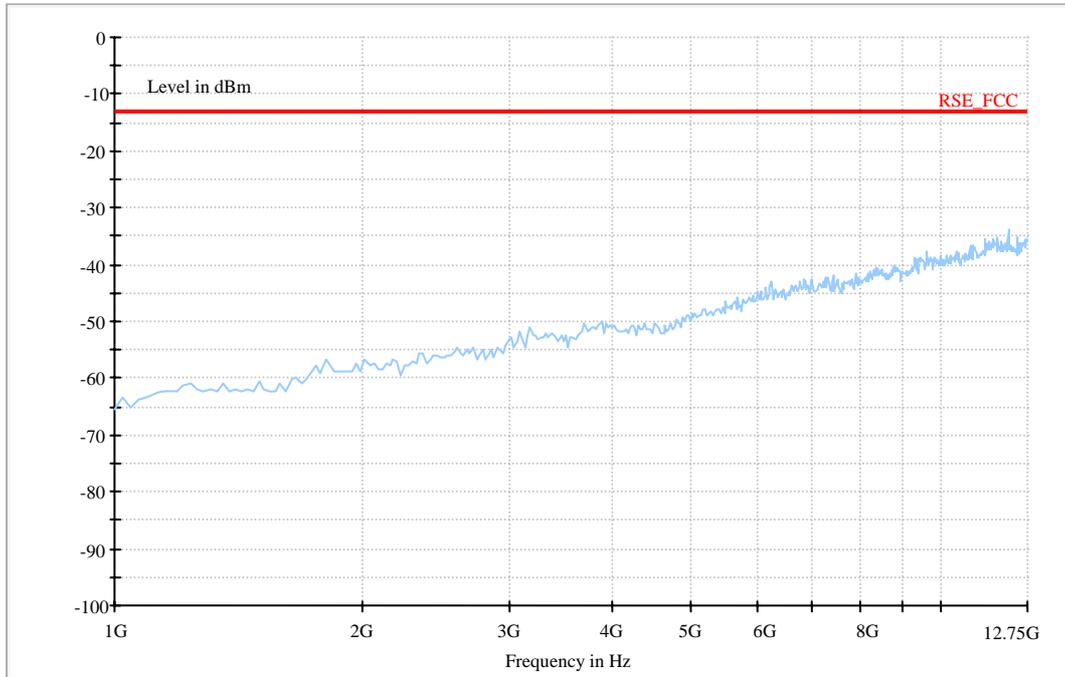
### IDLE Mode (9 kHz-30MHz)



### IDLE Mode (30MHz-1GHz)



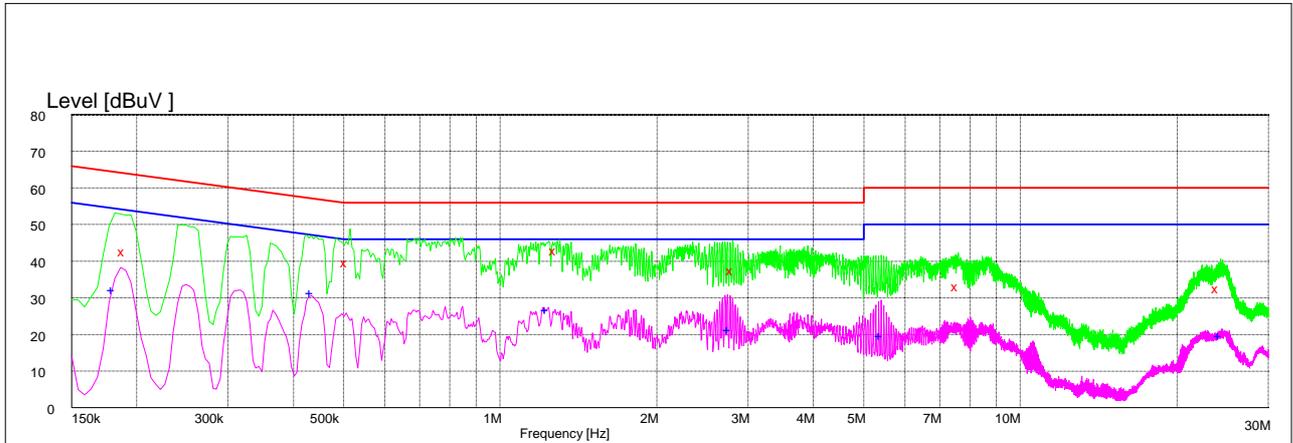
## IDLE Mode (1GHz-12.75GHz)



## Appendix G

# Conducted Emission at Power Port

According to CFR 47 (FCC) part 15.107



MEASUREMENT RESULT: QP DECTER

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.190500	43.00	10.6	64	21.1	N	FLO
0.510000	40.10	10.0	56	15.9	N	FLO
1.288500	43.40	10.0	56	12.6	N	FLO
2.814000	37.80	10.1	56	18.2	N	FLO
7.620000	33.40	10.4	60	26.6	N	FLO
24.162000	33.00	15.1	60	27.0	N	FLO

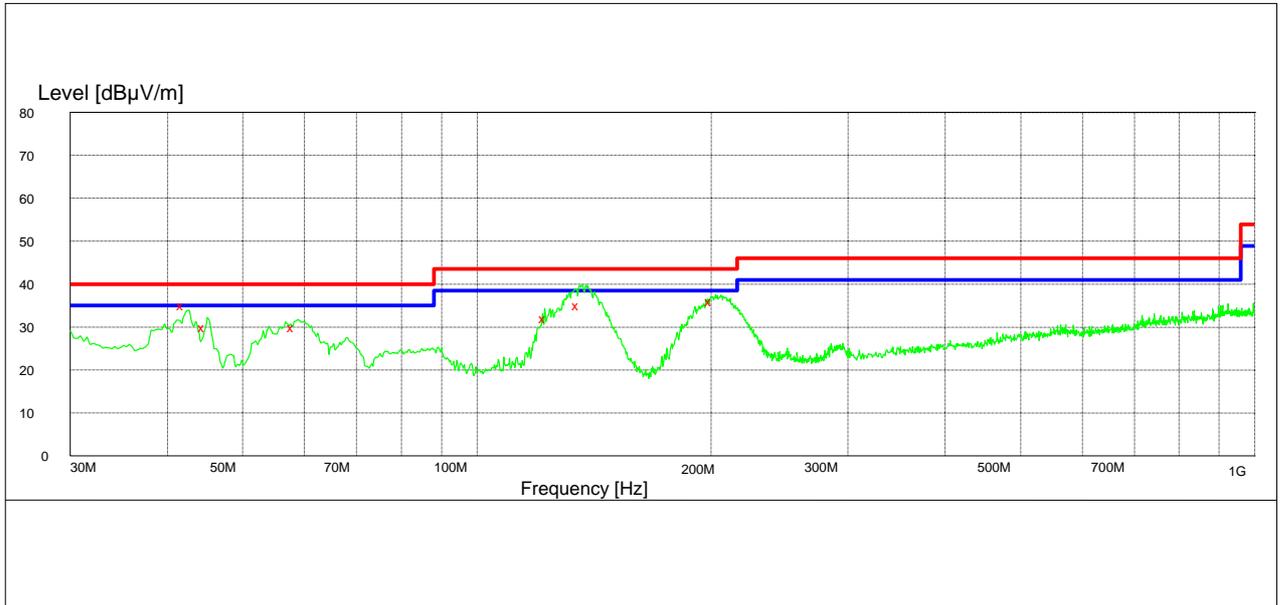
MEASUREMENT RESULT: "AV DECTER"

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.181500	32.60	10.7	54	21.8	N	FLO
0.438000	31.90	10.0	47	15.2	N	FLO
1.239000	27.20	9.9	46	18.8	N	FLO
2.773500	21.90	10.1	46	24.1	N	FLO
5.428500	20.20	10.2	50	29.8	N	FLO
24.405000	20.10	15.0	50	29.9	L3	FLO

## Appendix H

# Radiated Emission of Enclosure in Idle Mode

According to CFR 47 (FCC) part 15.109



MEASUREMENT RESULT: QP DECTER

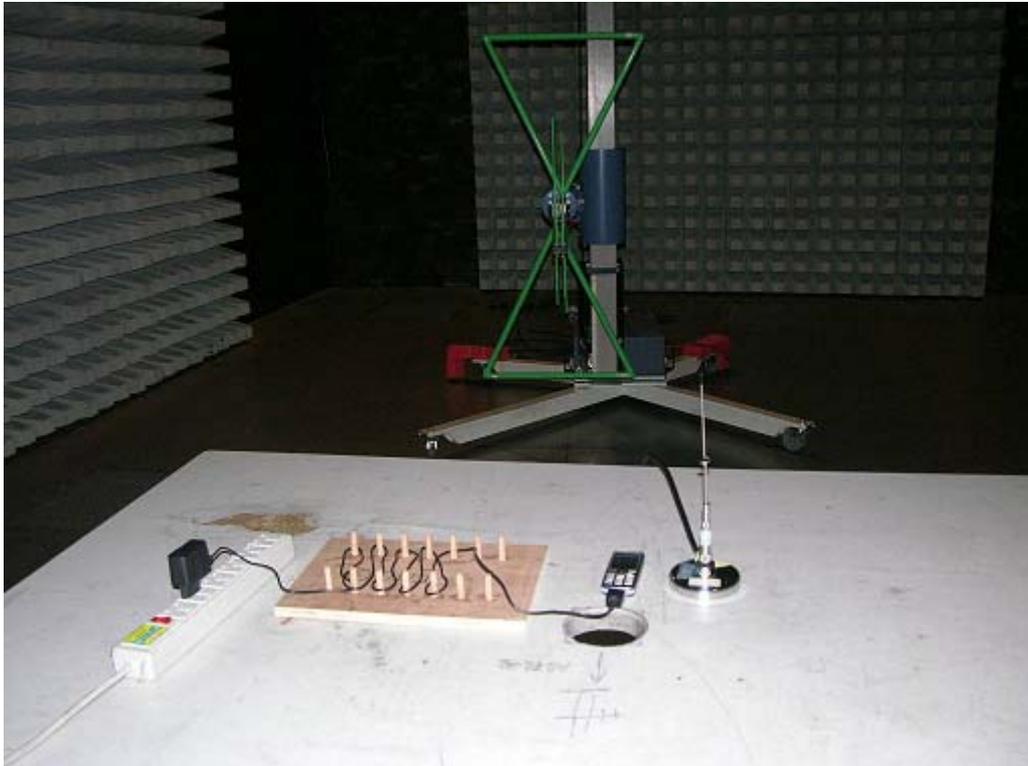
Frequency (MHz)	Level (dBµV/m)	Transd (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Polarisation
42.120000	35.00	-11.7	40.0	5.0	100.0	60.00	VERTICAL
44.820000	30.00	-13.2	40.0	10.0	100.0	270.00	VERTICAL
58.260000	30.00	-17.8	40.0	10.0	100.0	60.00	VERTICAL
122.940000	32.00	-10.4	43.5	10.5	100.0	0.00	VERTICAL
135.600000	35.00	-10.7	43.5	8.5	100.0	260.00	HORIZONTAL
200.880000	36.00	-12.6	43.5	7.5	100.0	0.00	HORIZONTAL



# Appendix I

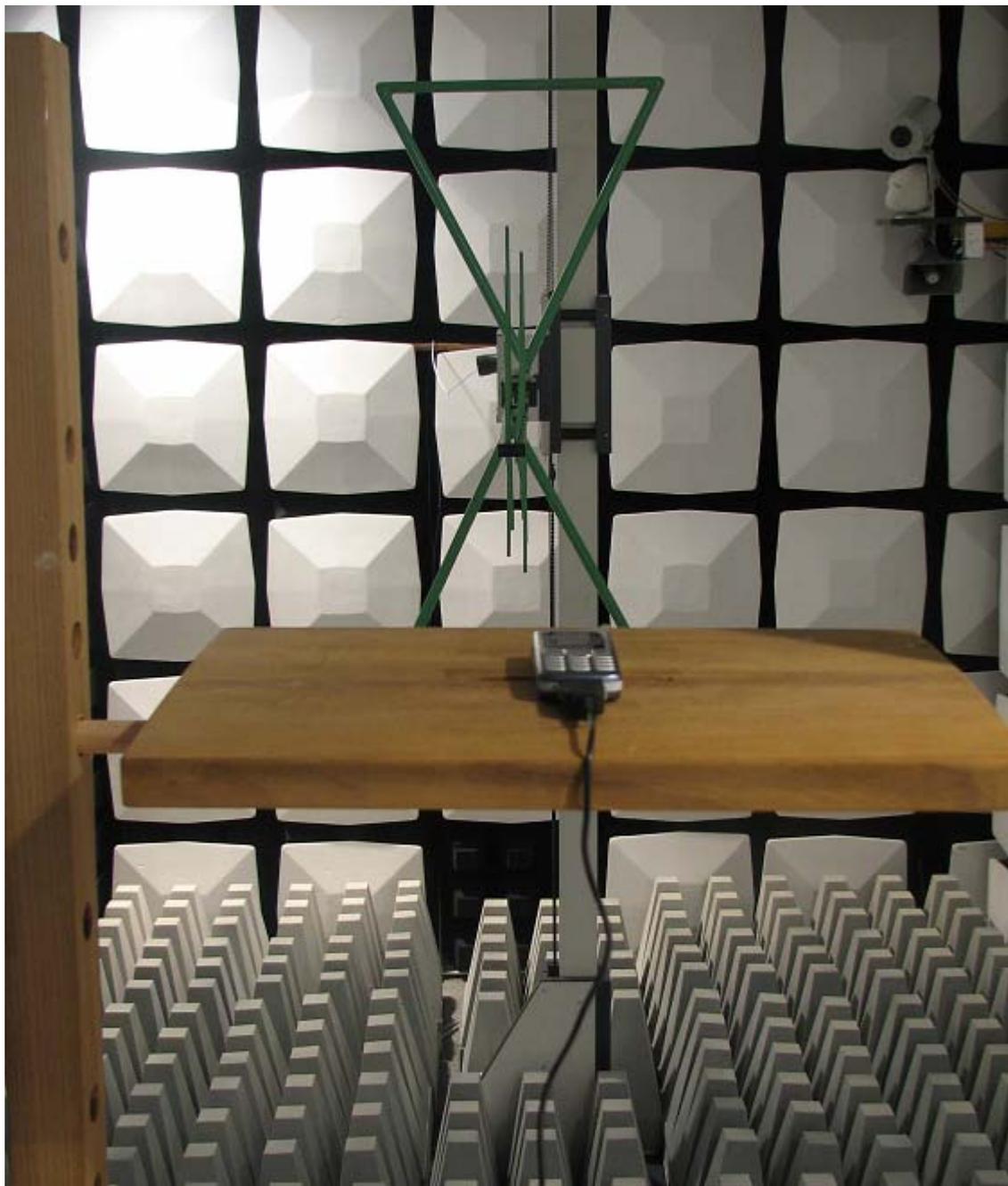
## Photos of Test Setup

## 2 Radiated Emissions



Radiated Disturbance

### 3 Radiated Spurious Emissions



Radiated Spurious Emission (below 1GHz)



Radiated Spurious Emission (above 1GHz)

## 4 Conducted Emissions



Conducted Emissions for AC Ports

# Appendix J

## Measurement Results Maximum Conducted Output Power

Maximum conducted power at 1st minute (dBm)				
Channel	1013	283	384	777
RC1	25.99	25.98	25.99	25.96
RC3	26.01	25.96	26.03	26.00
Maximum conducted power at 20th minute (dBm)				
Channel	1013	283	384	777
RC1	25.87	26.03	25.72	26.06
RC3	25.83	26.06	25.84	26.05
Maximum conducted power at 40th minute (dBm)				
Channel	1013	283	384	777
RC1	25.84	26.16	25.70	26.15
RC3	25.87	26.07	25.79	26.06

### Channel 1013

1st minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">25.99 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4

TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>26.01 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell Connected			Sys Type: IS-2000				
					Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

20th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">25.87 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4

TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>25.83 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell Connected			Sys Type: IS-2000				
					Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

40th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">25.84 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>25.87 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell Connected			Sys Type: IS-2000				
					Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

### Channel 283

1st minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <h1>25.98 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
Calibrate Digital Avg Pur							-104.00		
		dBm/1.23 MHz			Cell Band				
		US Cellular			Channel				
		283			Protocol Rev				
		6 (IS-2000-0)			Radio Config				
		(Fud1, Rvs1)			S02 (Loopback)				
		FCH Service Option Setup ▾							
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>25.96 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							283		
							Protocol Rev		
							6 (IS-2000-0)		
Calibrate Digital Avg Pur							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
				Active Cell Connected			Sys Type: IS-2000		
							Logging: No Conn.		
1 of 2				IntRef	Offset	T			1 of 4

20th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <b>26.03 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							283		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4

TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>26.06 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							283		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell			Sys Type: IS-2000				
		Connected			Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

40th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">26.16 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							283		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>26.07</b> dBm  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							283		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell Connected			Sys Type: IS-2000				
					Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

## Channel 384

1st minute  
TM1

Measurement/Instrument Screen									
Control	Digital Average Power						Call Params		
Digital Average Power Setup ▾	Digital Average Power <h1 style="margin: 0;">25.99 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz <span style="float: right;">Continuous</span>						Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							384		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
			Active Cell Connected			Sys Type: IS-2000			
						Logging: No Conn.			
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>26.03 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							384		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell			Sys Type: IS-2000				
		Connected			Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

20th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">25.72 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							384		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">25.84 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							384		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell			Sys Type: IS-2000				
		Connected			Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

40th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">25.70 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							384		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>25.79 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							384		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell Connected			Sys Type: IS-2000				
					Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

## Channel 777

1st minute  
TM1

Measurement/Instrument Screen									
Control	Digital Average Power						Call Params		
Digital Average Power Setup ▾	Digital Average Power <h1 style="margin: 0;">25.96 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz <span style="float: right;">Continuous</span>						Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
			Active Cell Connected			Sys Type: IS-2000			
						Logging: No Conn.			
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>26.00 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell			Sys Type: IS-2000				
		Connected			Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

20th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">26.06 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>26.05 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell Connected			Sys Type: IS-2000				
					Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4

40th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">26.15 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rvs1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell		Sys Type: IS-2000					
		Connected		Logging: No Conn.					
1 of 2			IntRef	Offset	T				1 of 4



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power <b>26.06 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
		Active Cell			Sys Type: IS-2000				
		Connected			Logging: No Conn.				
1 of 2				IntRef	Offset	T			1 of 4