

## 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 Parm		
Max/Min Power Setup ▾	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Maximum Power</p> <p><b>23.86</b></p> <p>dBm</p> </div> <div style="text-align: center;"> <p>Minimum Power</p> <p><b>-62.28</b></p> <p>dBm/1.23 MHz</p> </div> </div> <div style="text-align: center; margin-top: 10px;"> <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 ▾							-25.00		
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 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 Params	
Max/Min Power Setup ▾		Maximum Power		Minimum Power				Cell 1 Power	
		23.64		-63.43				-25.00	
Maximum Power Setup ▾		dBm		dBm/1.23 MHz				dBm/1.23 MHz	
Minimum Power Setup ▾		Under Range						Cell Band	
								US Cellular	
								Channel	
								1023	
								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 Parm		
Max/Min Power Setup ▾	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Maximum Power</p> <p><b>23.54</b></p> <p>dBm</p> </div> <div style="text-align: center;"> <p>Minimum Power</p> <p><b>-62.04</b></p> <p>dBm/1.23 MHz</p> </div> </div> <div style="text-align: center; margin-top: 10px;"> <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 ▾							-25.00		
Minimum Power Setup ▾							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
							283		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rus1)		
							S02 (Loopback)		
							FCH Service Option Setup ▾		
				Active Cell Connected			Sys Type: IS-2000		
							Logging: No Conn.		
1 of 2				IntRef	Offset				1 of 4



## Channel 777

TM1:

Measurement/Instrument Screen									
Control	Maximum/Minimum Power						Call Parm		
Max/Min Power Setup ▾	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Maximum Power</p> <h1 style="margin: 0;">23.87</h1> <p>dBm</p> </div> <div style="text-align: center;"> <p>Minimum Power</p> <h1 style="margin: 0;">-61.11</h1> <p>dBm/1.23 MHz</p> </div> </div>						Cell 1 Power		
Maximum Power Setup ▾							-25.00		
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		
							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud1, Rus1)		
							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:

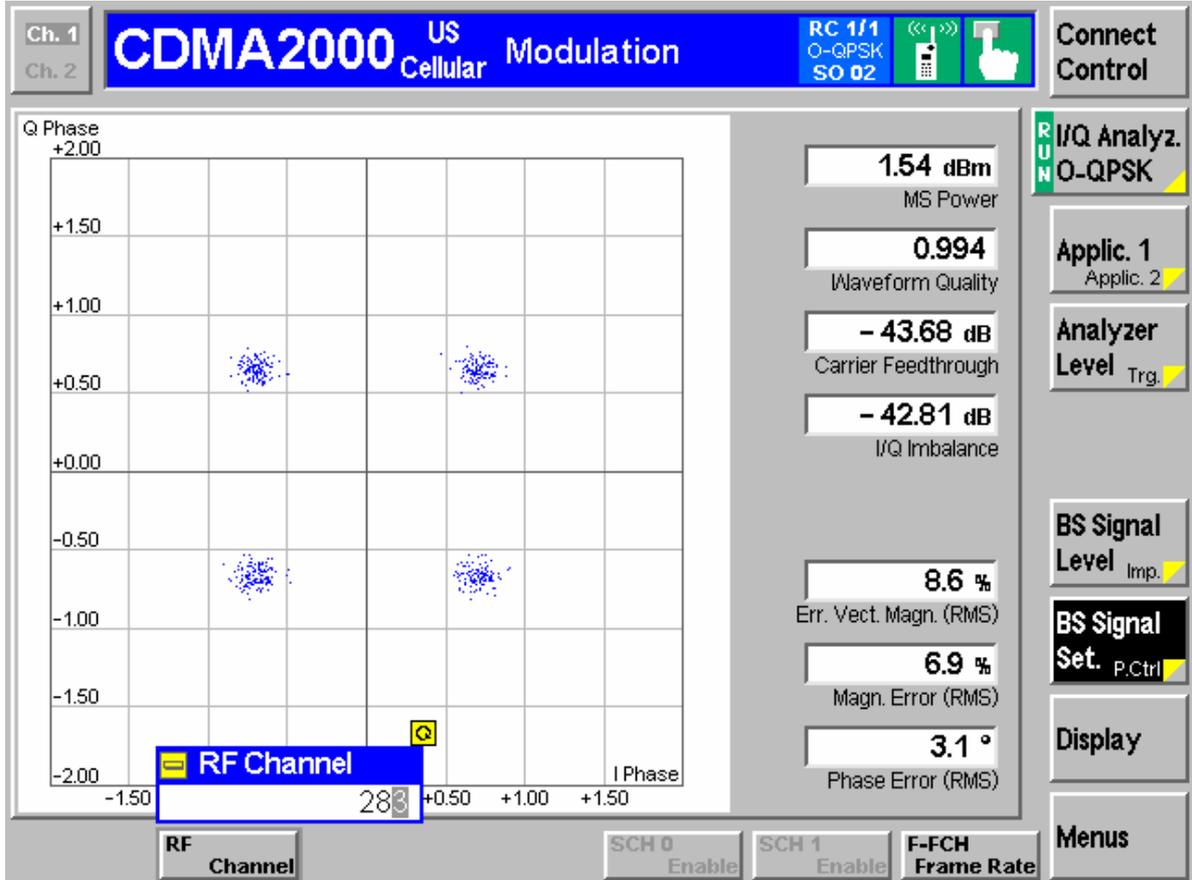
Measurement/Instrument Screen									
Control		Maximum/Minimum Power						Call Parms	
Max/Min Power Setup ▾		Maximum Power		Minimum Power				Cell 1 Power	
		23.78		-61.32				-25.00	
		dBm		dBm/1.23 MHz				dBm/1.23 MHz	
Maximum Power Setup ▾								Cell Band	
								US Cellular	
Minimum Power Setup ▾								Channel	
				Under Range				777	
								Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud3, Rus3)	
								S055 (Loopback)	
								FCH Service Option Setup ▾	
				Active Cell		Sys Type: IS-2000			
				Connected		Logging: No Conn.			
1 of 2				IntRef	Offset				1 of 4

## Appendix B

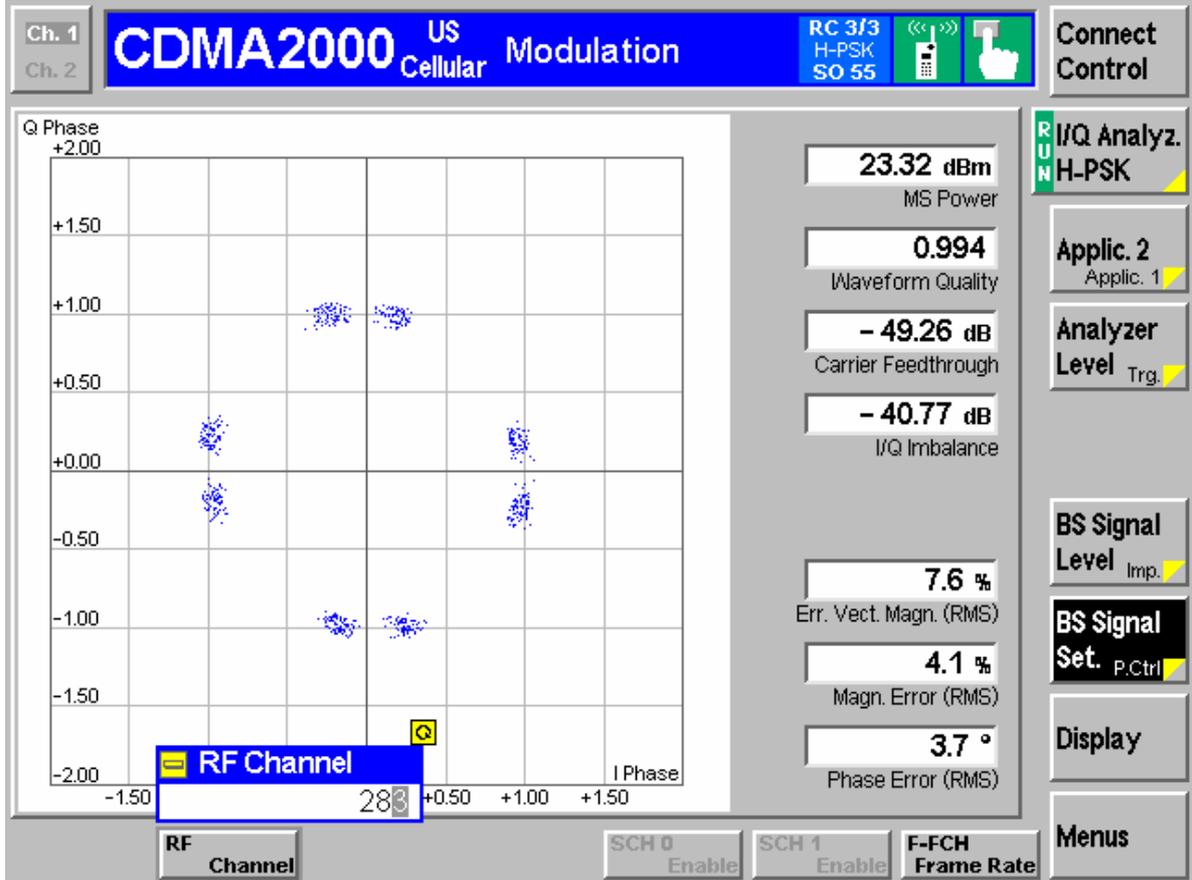
# Modulation Characteristic Measurement

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)

	cdma2000	<b>Meas Control</b>
MS Ch Freq 824.700 MHz		<b>Restart</b>
Occupied BW <span style="float: right;">Averages: 10 <b>PASS</b></span>		<b>Measure</b> Single Cont
<p><b>Occupied BW</b></p> <p>Ref 30.00 dBm</p> <p>10.00 dB/</p> <p>MaxP 32.2</p> <p>ExtAt 1.2</p> <p>Trig Free</p> <p>CF 824.700 MHz Span 5.00977 MHz</p> <p>Res Bw 29.9997 kHz Points 685</p>		<b>Pause</b>
<b>Occupied BW</b> 1.2638 MHz		<b>Total Power</b> 24.13 dBm

### Channel 1013 (TM3)

	cdma2000	<b>Meas Control</b>
MS Ch Freq 824.700 MHz		<b>Restart</b>
Occupied BW		Averages: 10 <b>PASS</b>
<p><b>Occupied BW</b></p> <p>Ref 30.00 dBm</p> <p>10.00 dB/</p> <p>MaxP 32.2</p> <p>ExtAt 1.2</p> <p>Trig Free</p> <p>CF 824.700 MHz Span 5.00977 MHz</p> <p>Res Bw 29.997 kHz Points 685</p>		<b>Measure</b> Single Cont
<b>Occupied BW</b> 1.2463 MHz		<b>Pause</b>
<b>Total Power</b> 24.16 dBm		

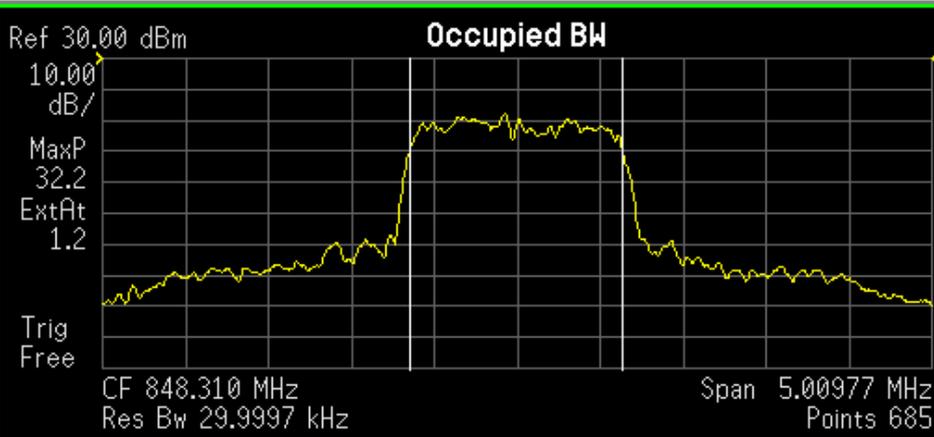
### Channel 283 (TM1)

Agilent		cdma2000	Meas Control	
MS Ch Freq 833.490 MHz		Averages: 10		Restart
Occupied BW		PASS		Measure Cont
Center Freq 833.490000 MHz				Pause
<p>Ref 30.00 dBm 10.00 dB/ MaxP 32.2 ExtAt 1.2 Trig Free CF 833.490 MHz Span 5.00977 MHz Res Bw 29.9997 kHz Points 685</p>				
Occupied BW		Total Power		
1.2625 MHz		24.11 dBm		

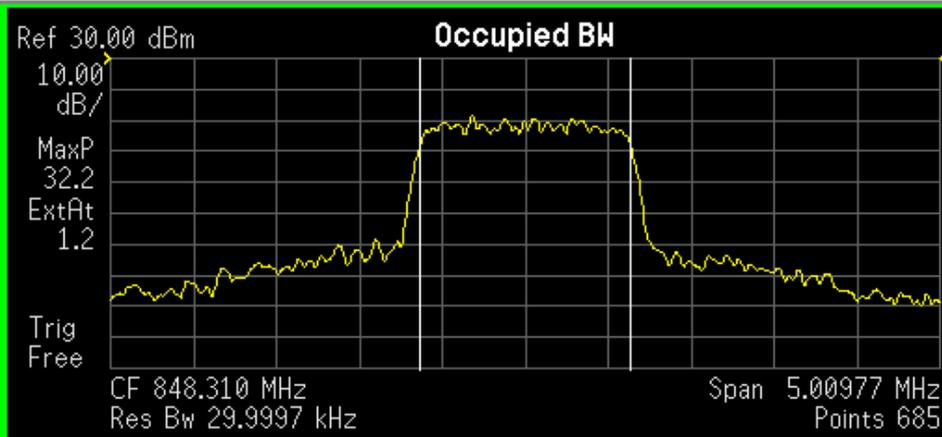
### Channel 283 (TM3)

Agilent		cdma2000	Meas Control	
MS Ch Freq 833.490 MHz		Averages: 10		Restart
Occupied BW		PASS		Measure Cont
<p>Ref 30.00 dBm 10.00 dB/ MaxP 32.2 ExtAt 1.2 Trig Free</p> <p>CF 833.490 MHz Res Bw 29.9997 kHz Span 5.00977 MHz Points 685</p> <p><b>Occupied BW</b> 1.2655 MHz <b>Total Power</b> 24.38 dBm</p>				Pause

### Channel 777 (TM1)

 Agilent	cdma2000	<b>Meas Control</b>
MS Ch Freq 848.310 MHz		<b>Restart</b>
Occupied BW <span style="float: right;">Averages: 10 <b>PASS</b></span>		
<b>Occupied BW</b>		
Ref 30.00 dBm		
10.00 dB/		
MaxP 32.2		
ExtAt 1.2		
Trig Free		
		
CF 848.310 MHz		Span 5.00977 MHz
Res Bw 29.9997 kHz		Points 685
<b>Occupied BW</b>	<b>Total Power</b>	
1.2621 MHz	24.58 dBm	

### Channel 777 (TM3)

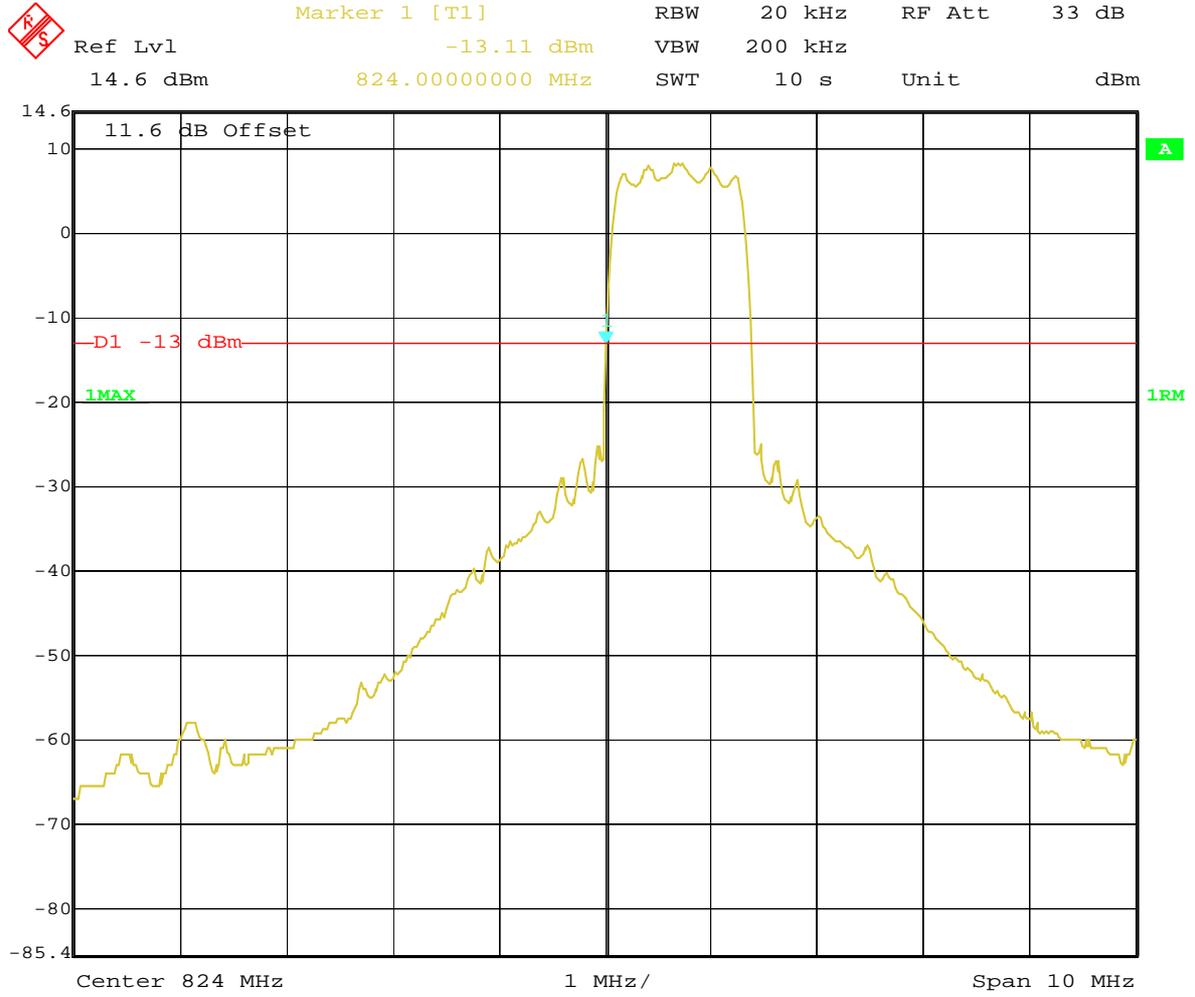
Agilent		cdma2000	Meas Control	
MS Ch Freq 848.310 MHz		Restart		
Occupied BW		Averages: 10	PASS	
		Measure Cont		
Occupied BW		Pause		
Total Power				
1.2637 MHz				
24.41 dBm				

## Appendix D

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

TM1

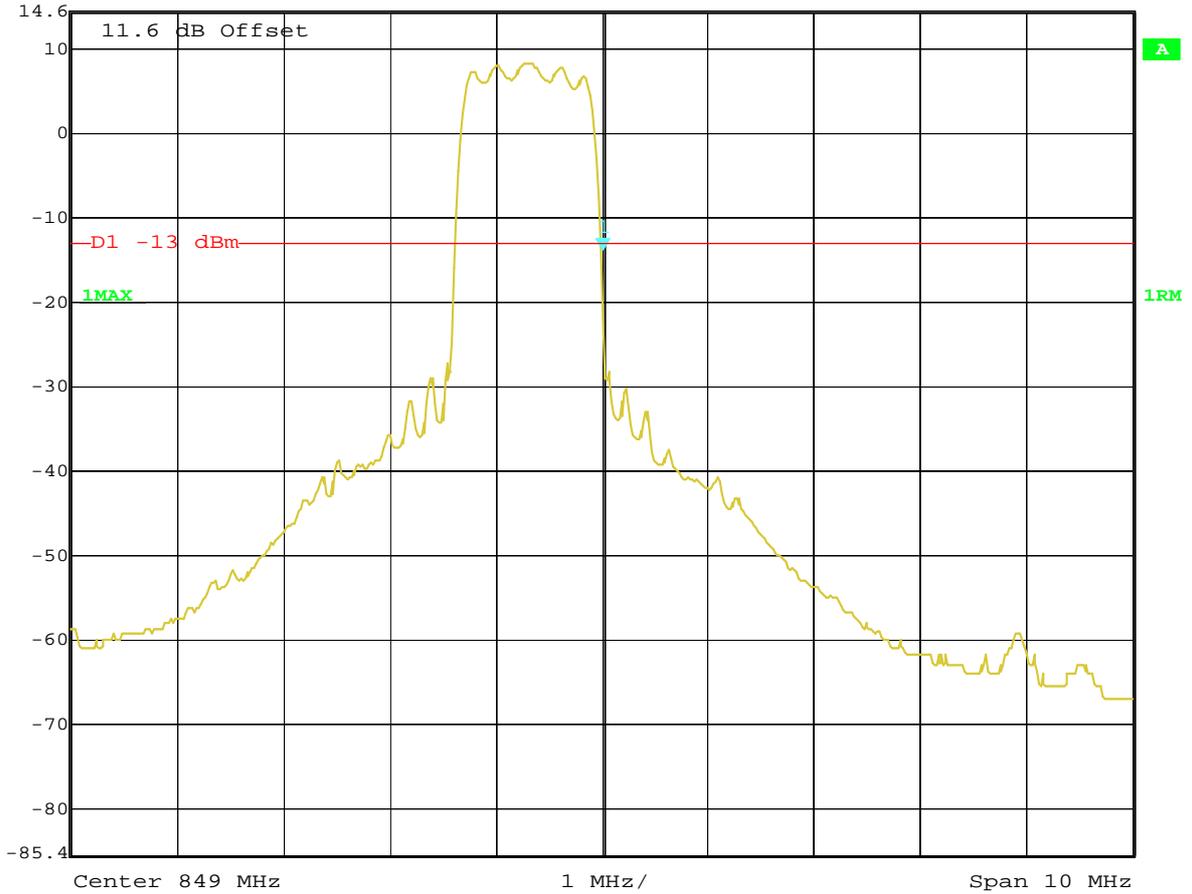
Left Edge (824 MHz)  
Channel 1013



### Right Edge (849MHz) Channel 777

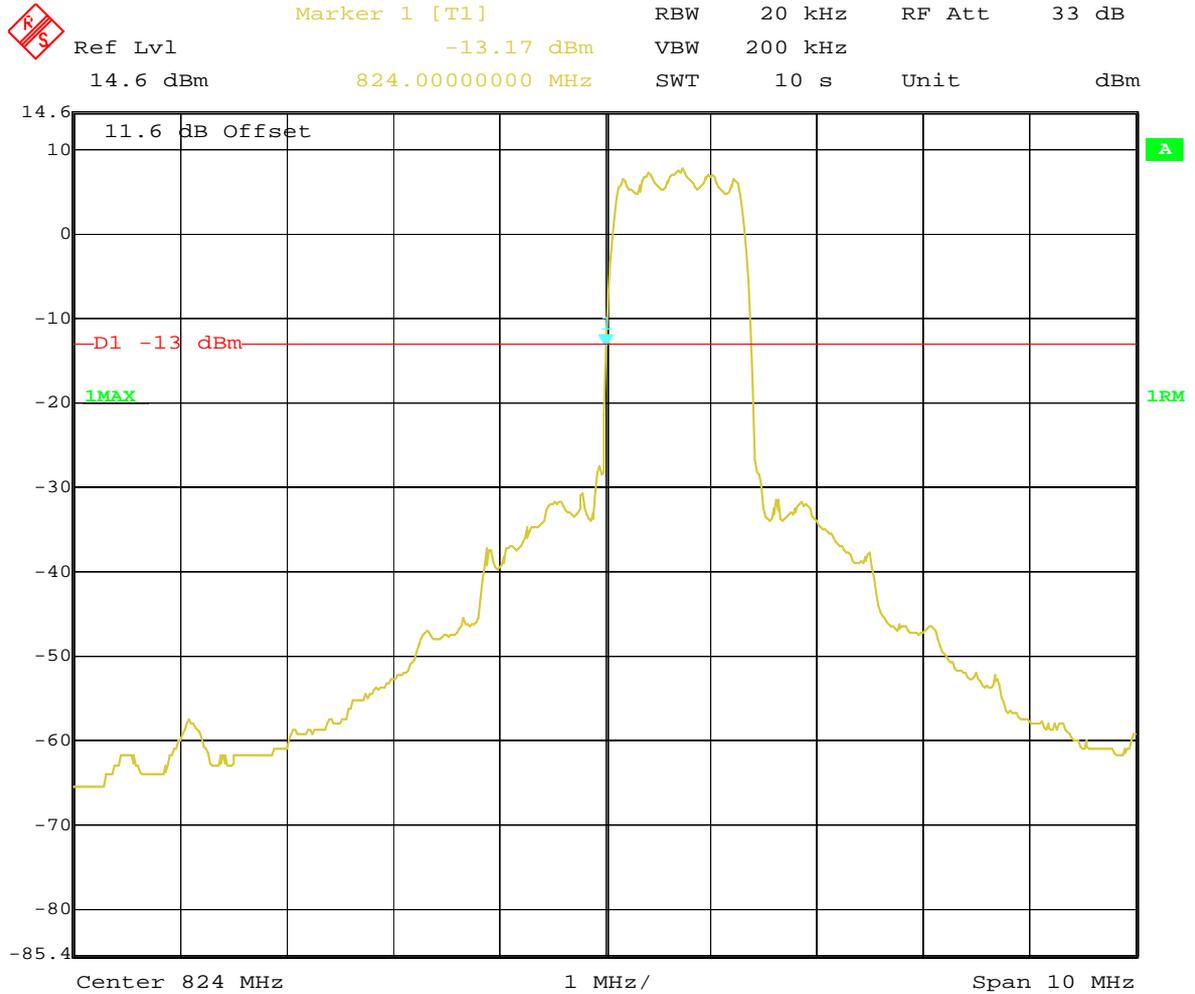


Ref Lvl	14.6 dBm	Marker 1 [T1]	-13.69 dBm	RBW	20 kHz	RF Att	33 dB
			849.00000000 MHz	VBW	200 kHz	Unit	dBm
				SWT	10 s		

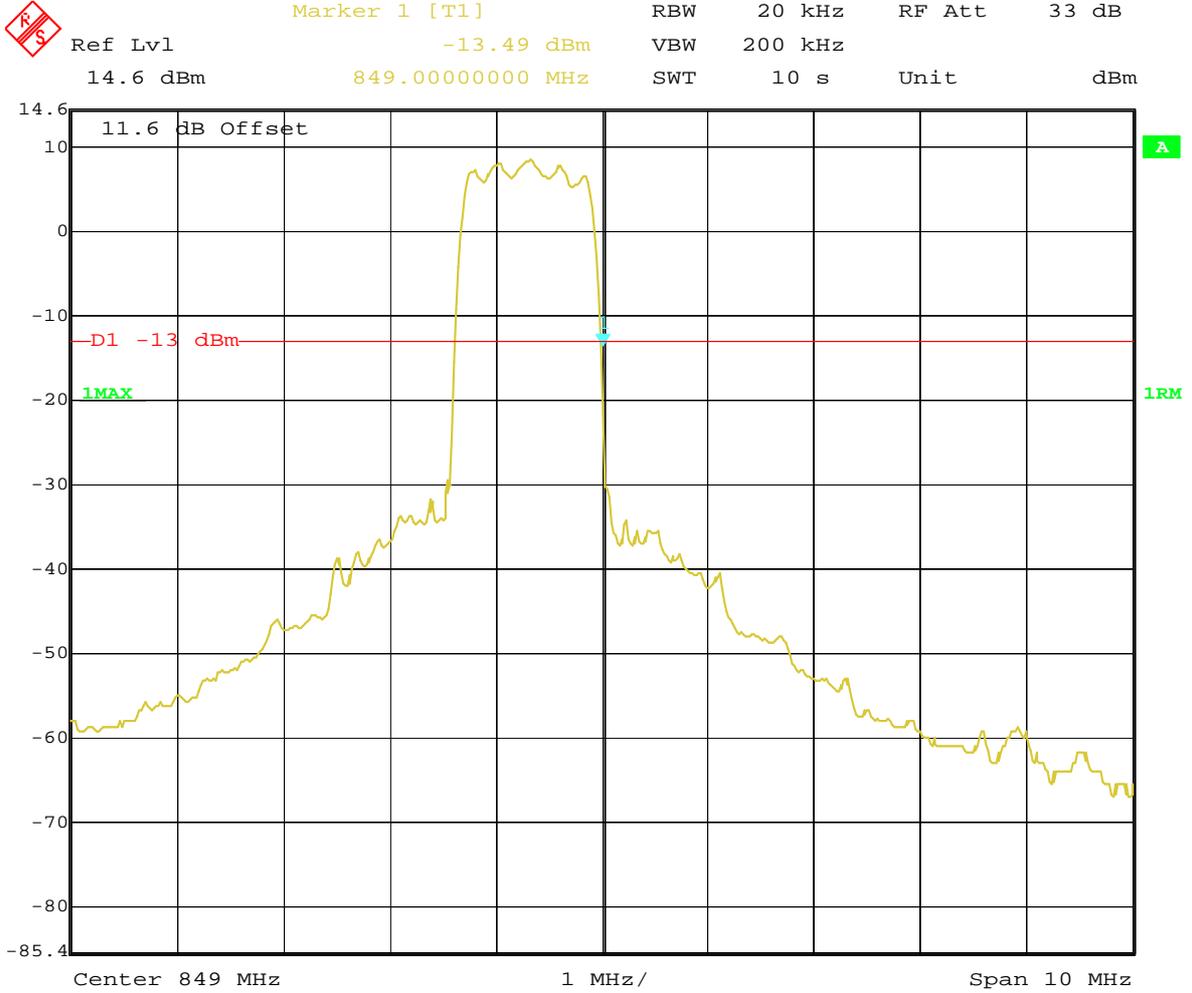


TM3

Left Edge (824 MHz)  
Channel 1013



### Right Edge (849MHz) Channel 777



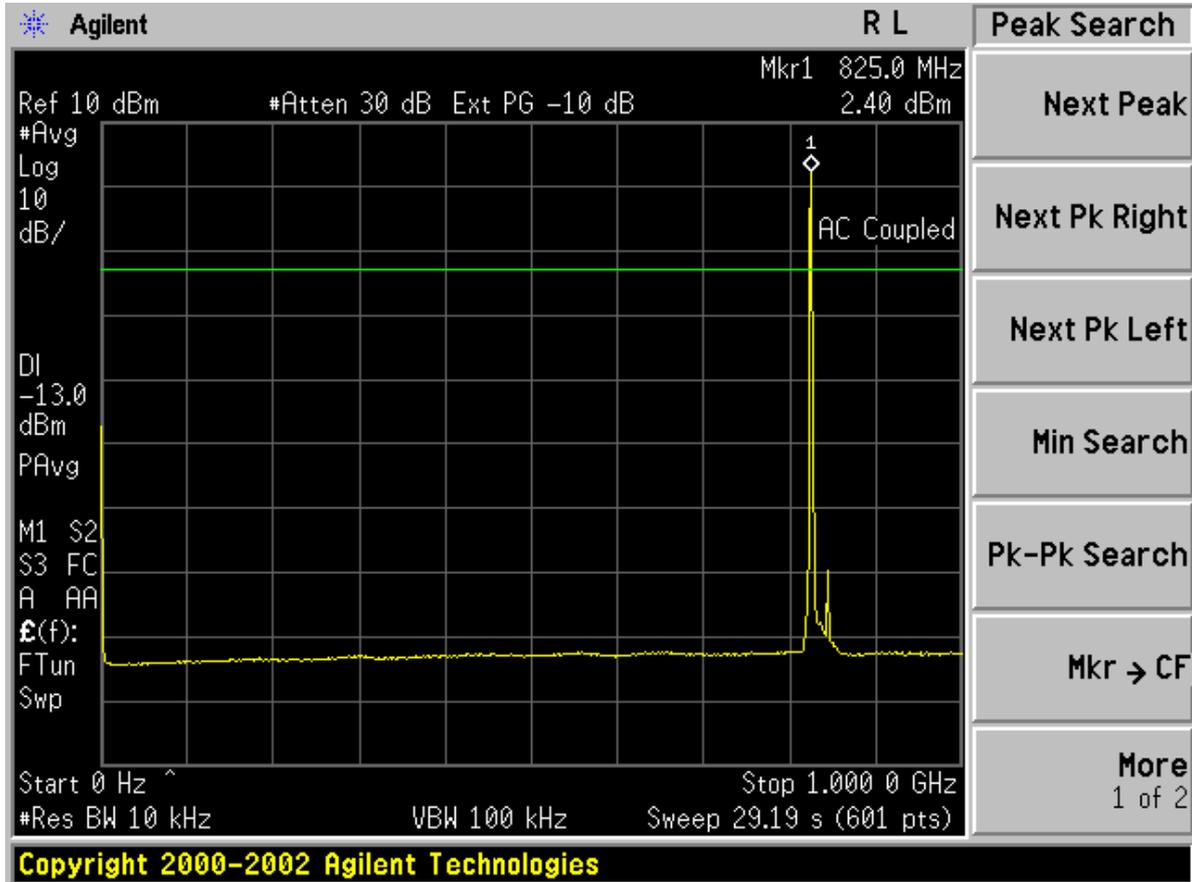
## Appendix E

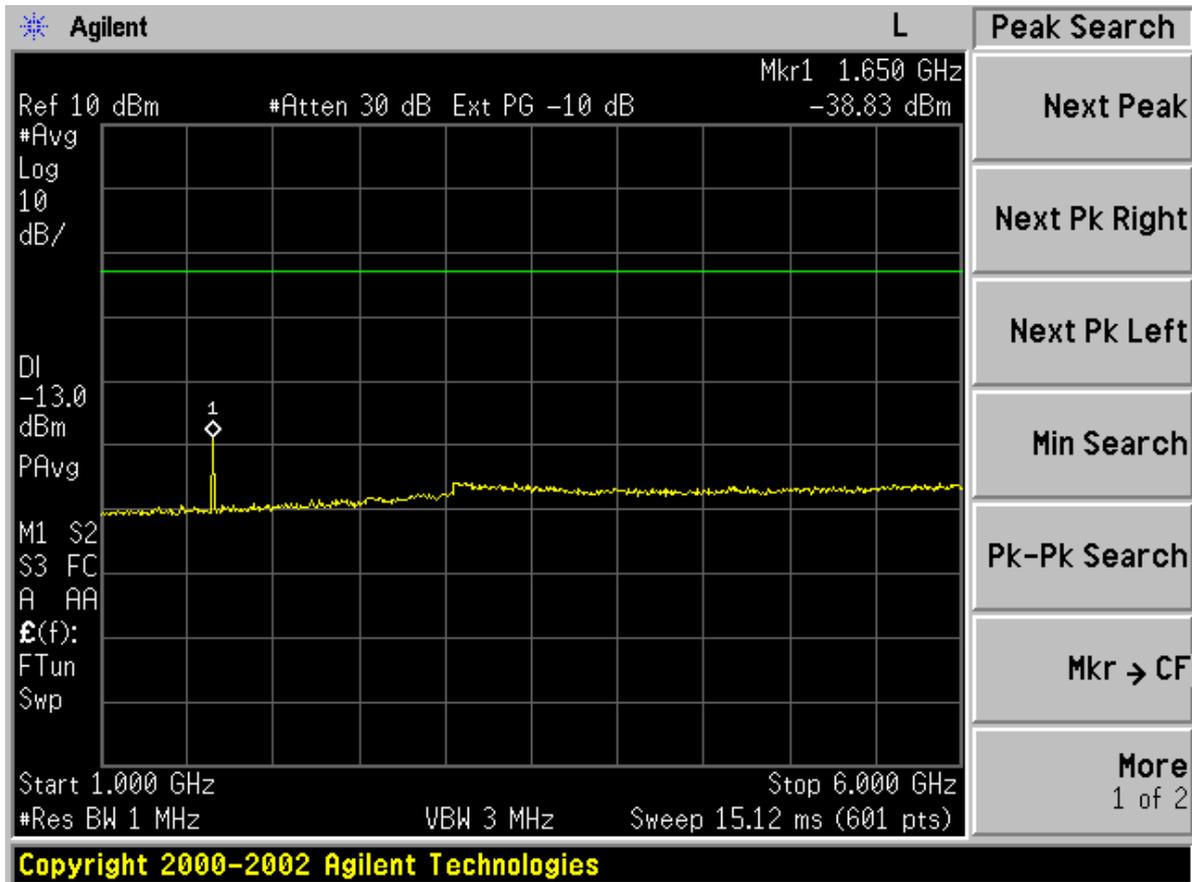
# Spurious Emission at Antenna Terminal

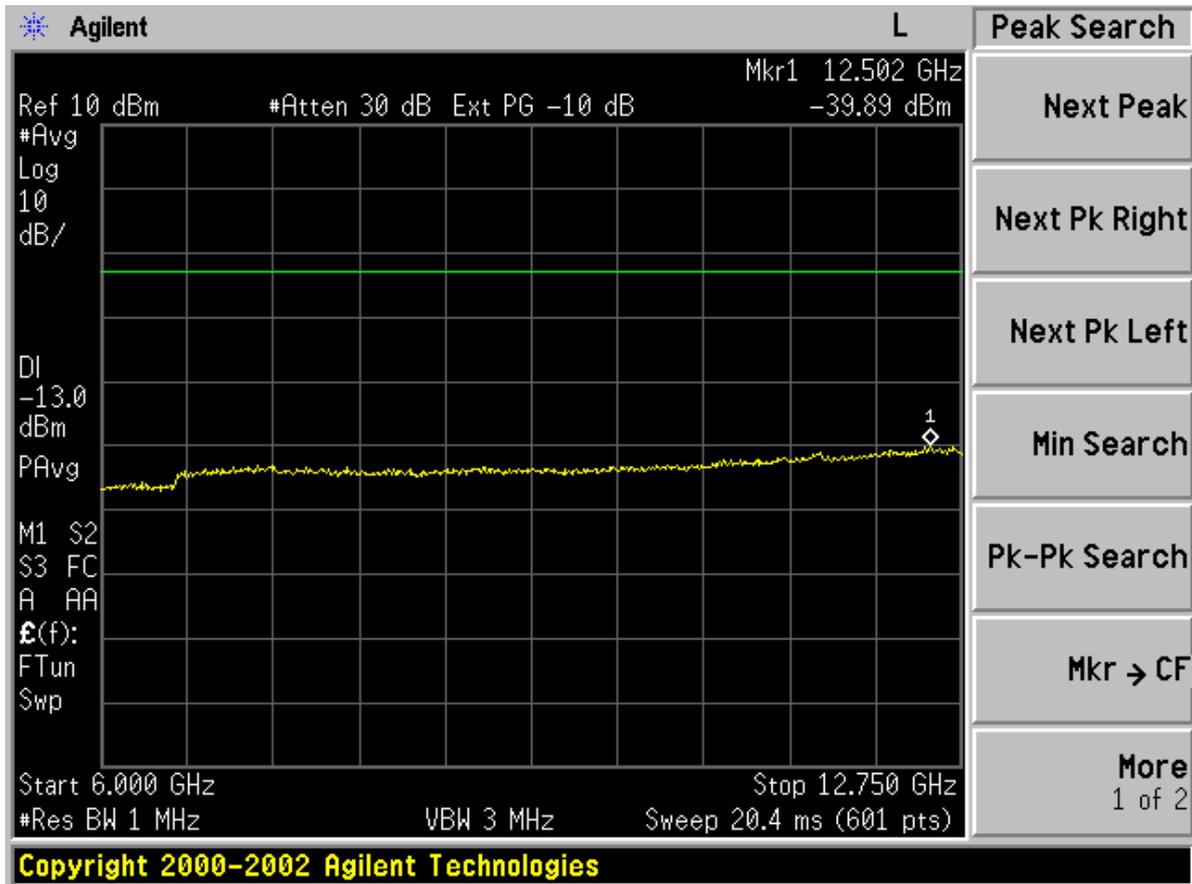
According to CFR 47 (FCC) part 2.1051 & 22.917(e)

### 1.1 TM1

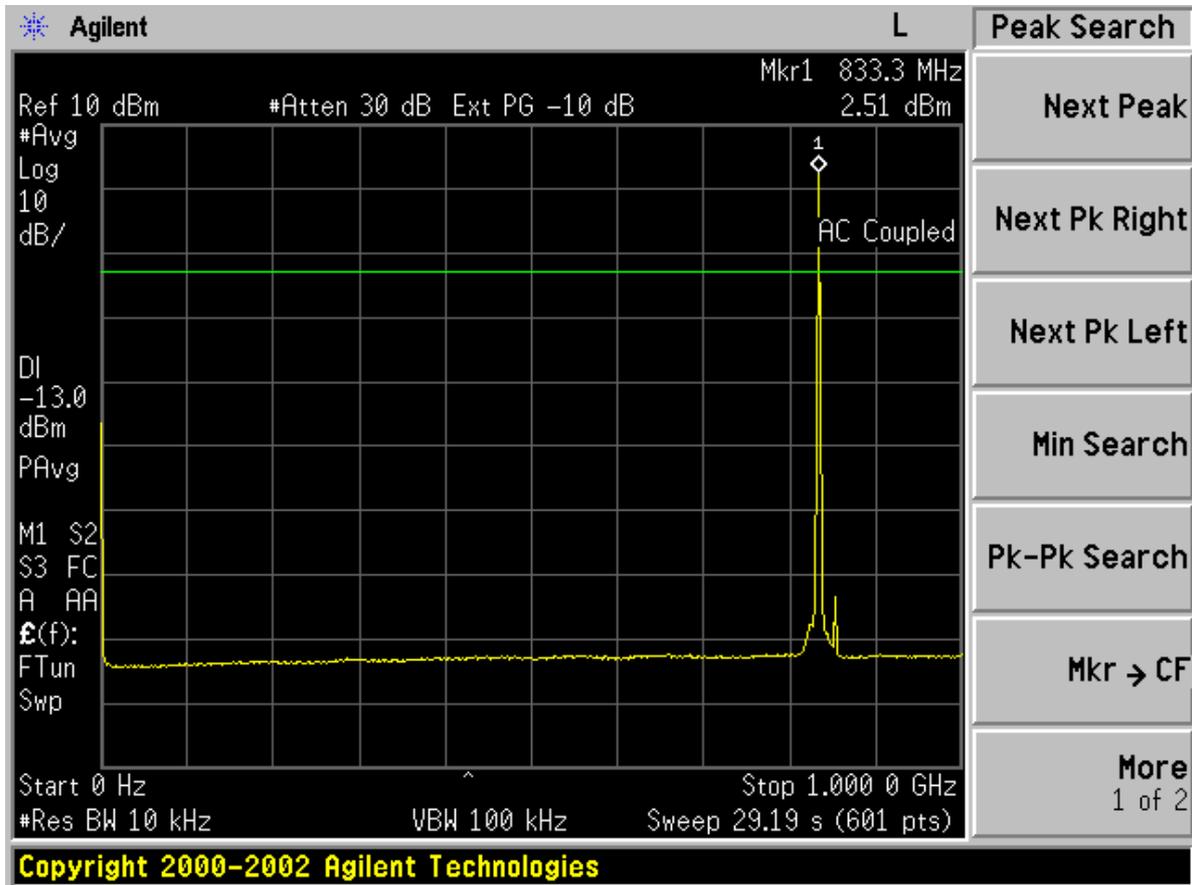
#### Channel 1013

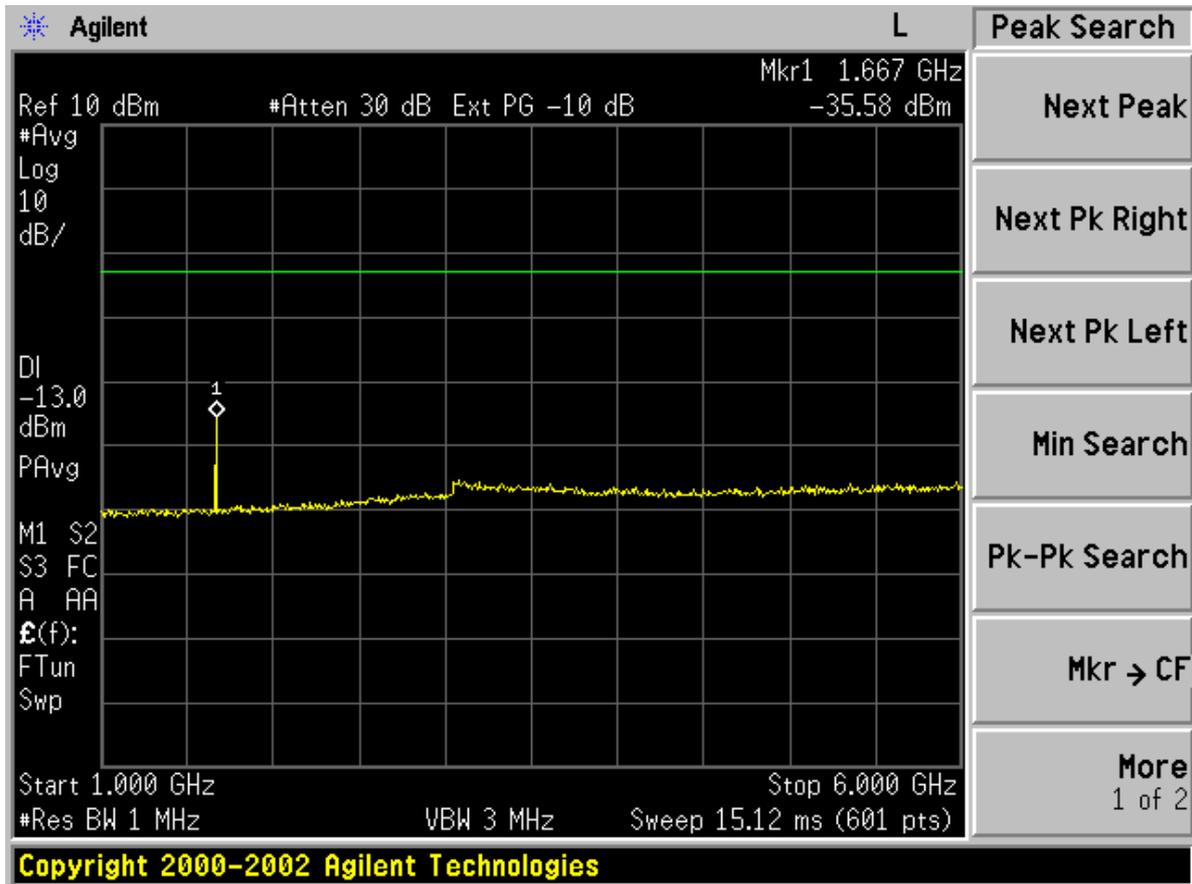


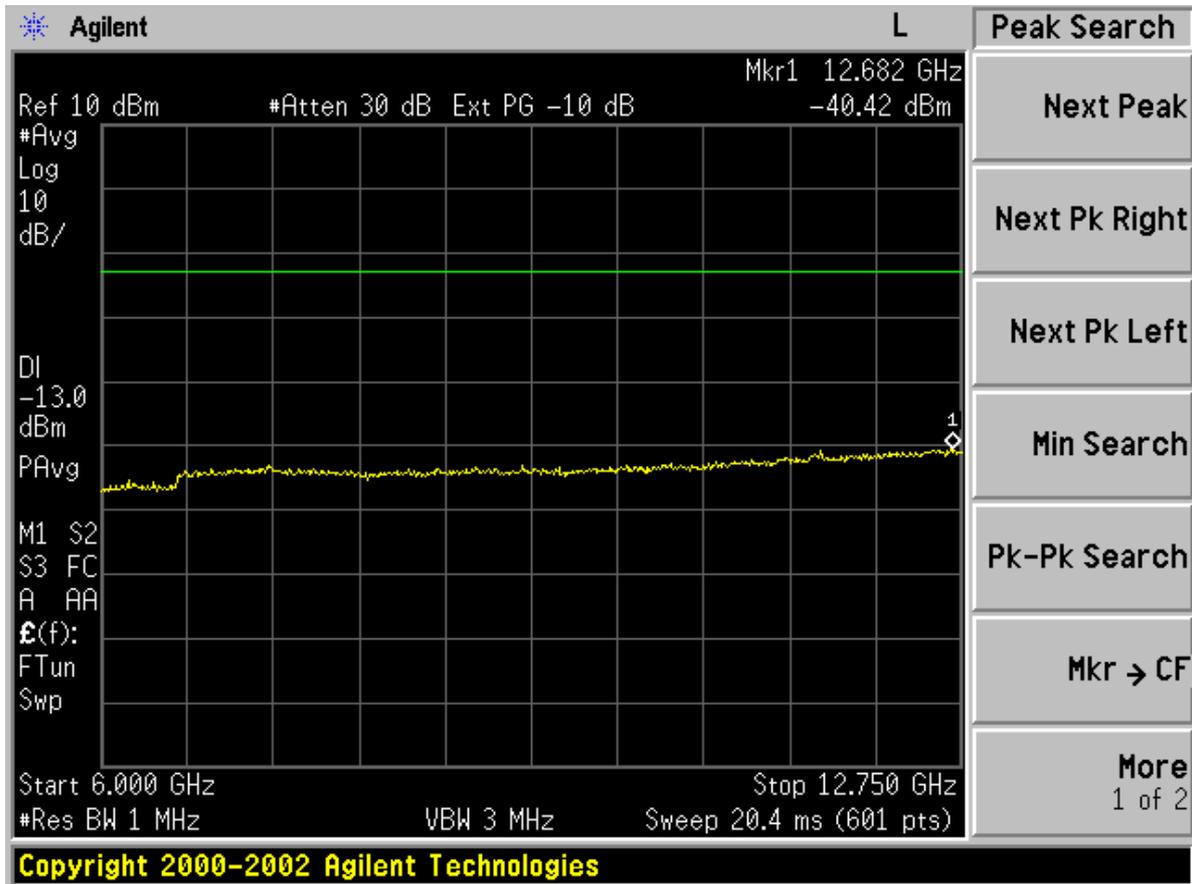




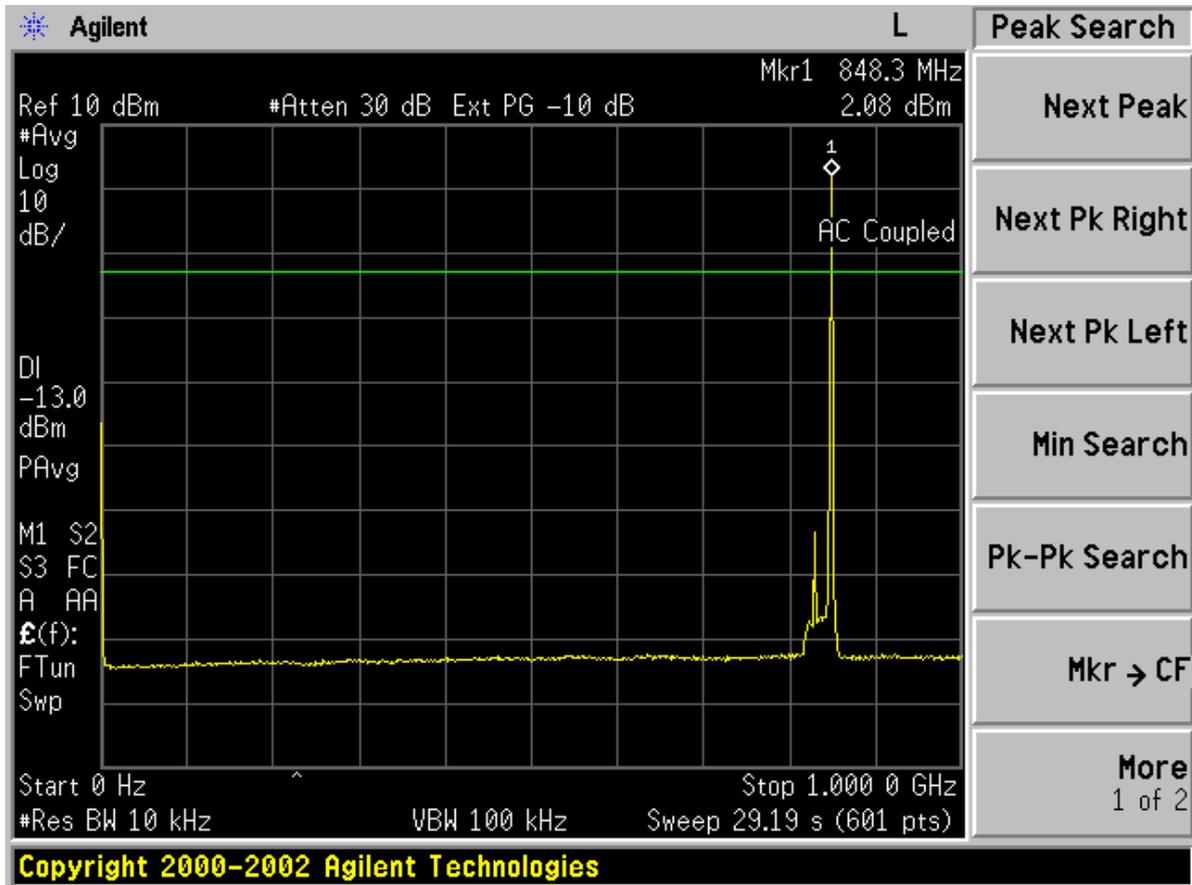
Channel 283

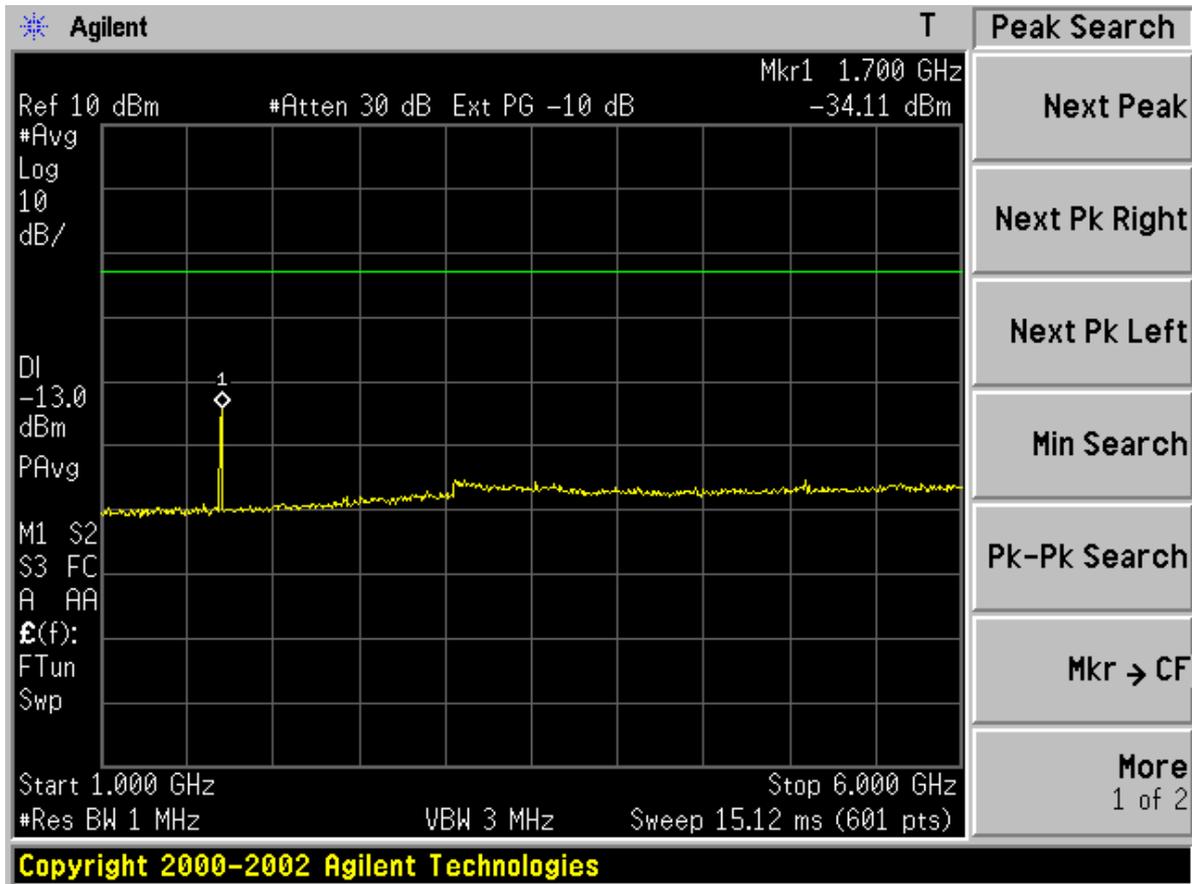


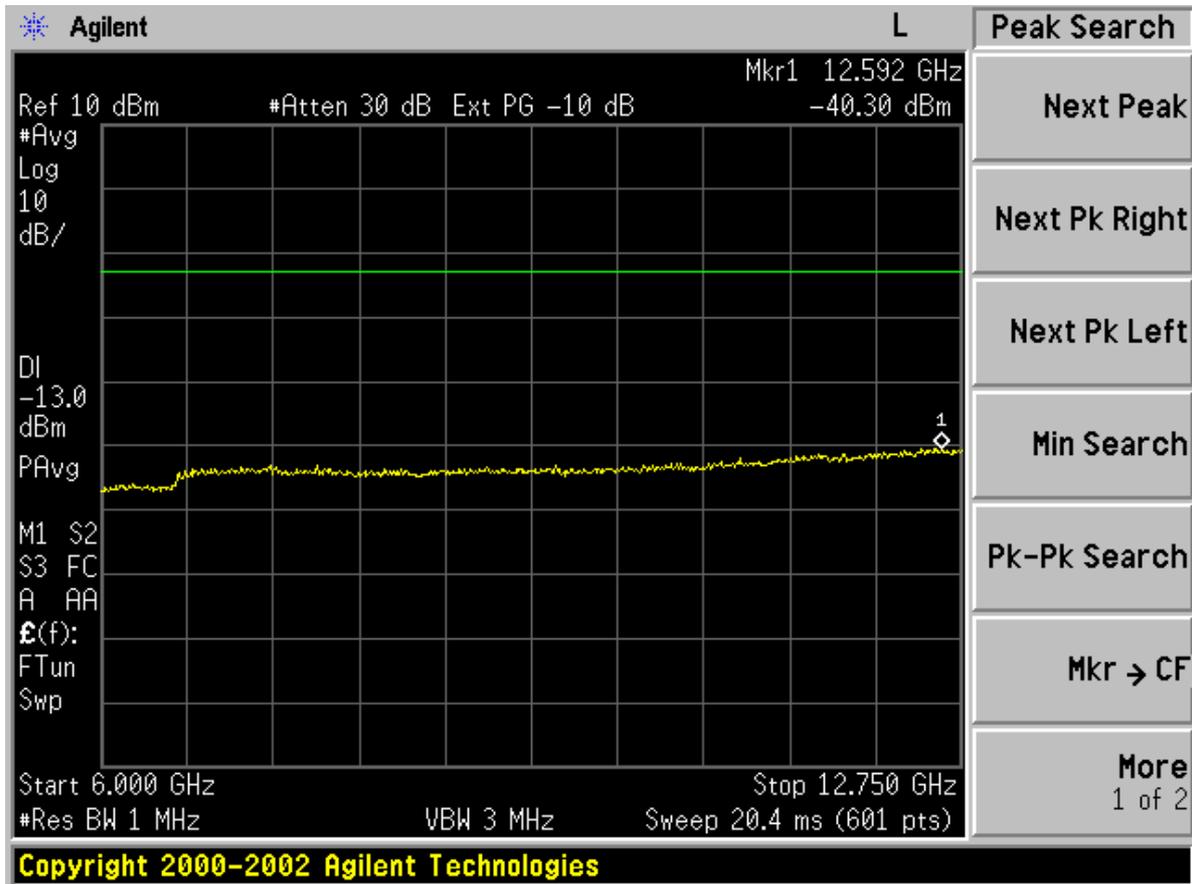




### Channel 777

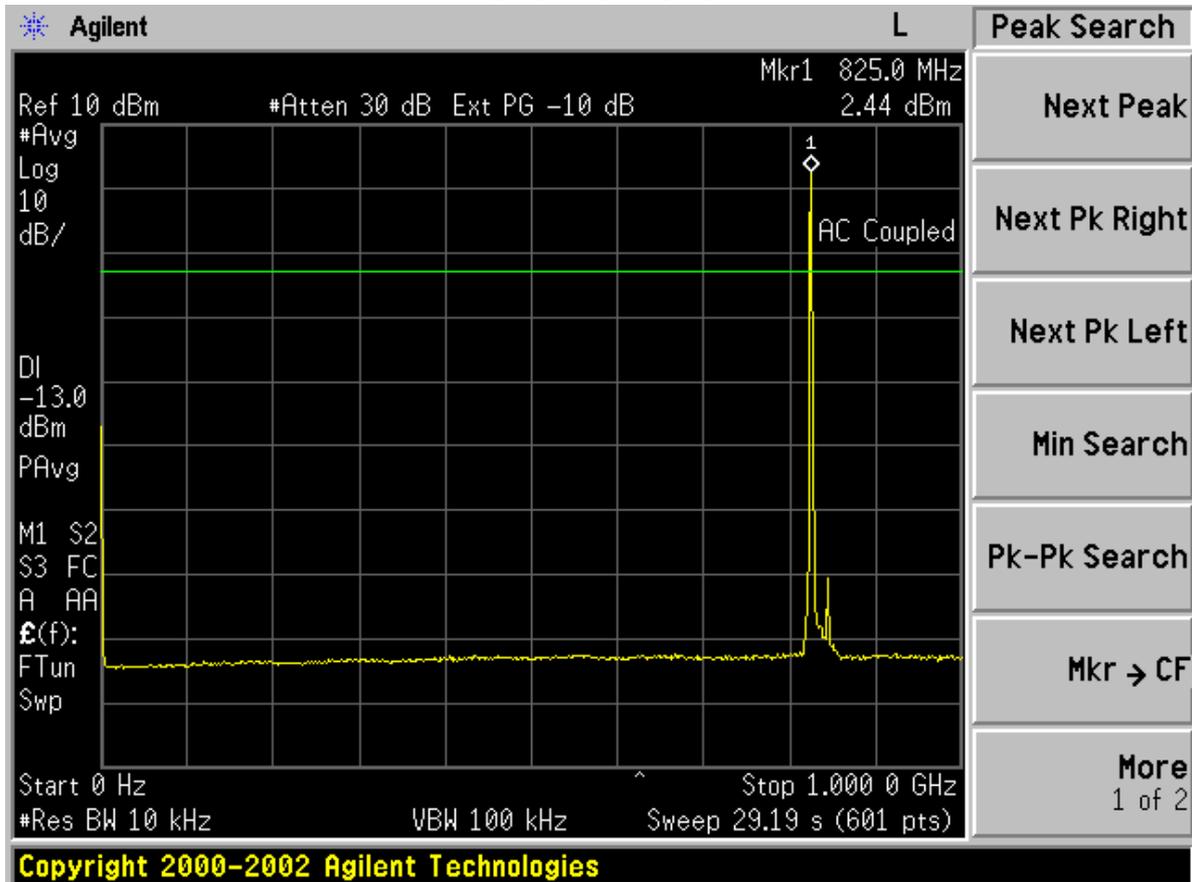


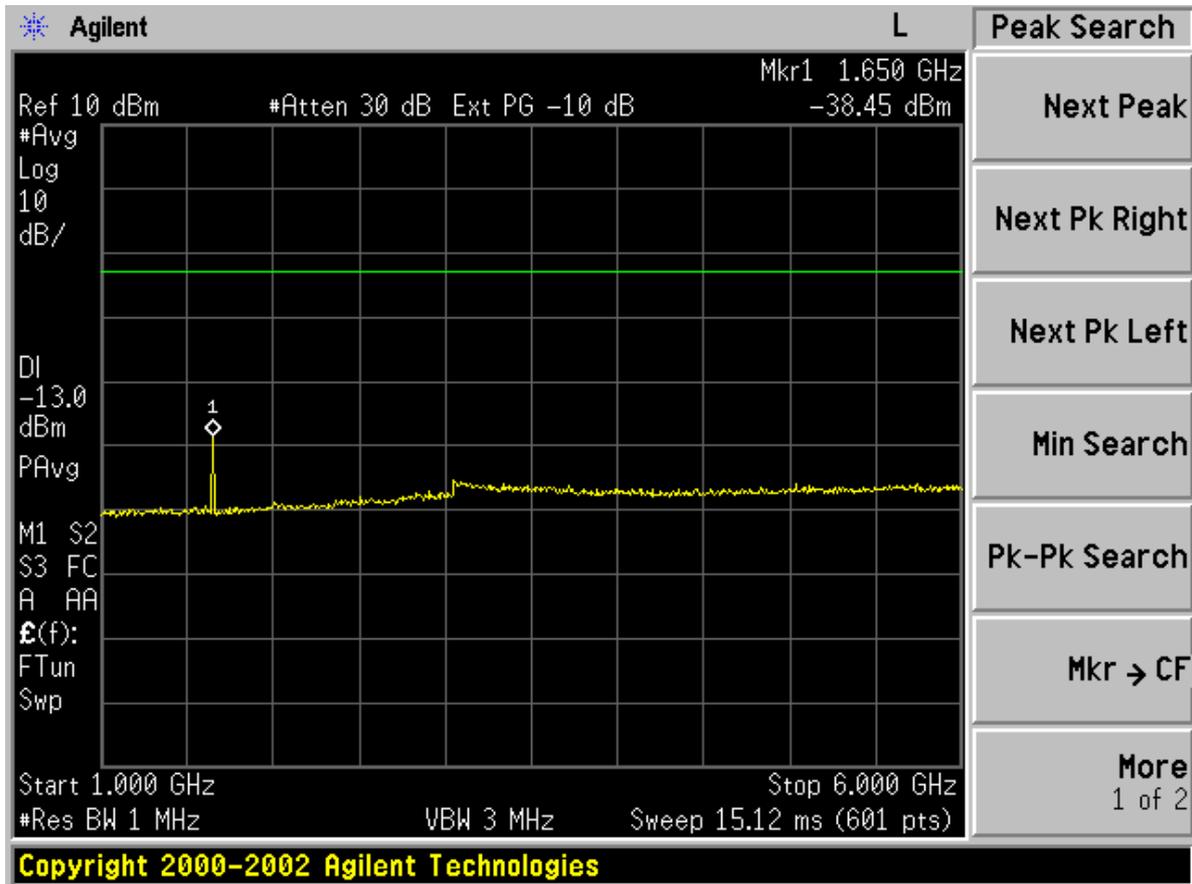


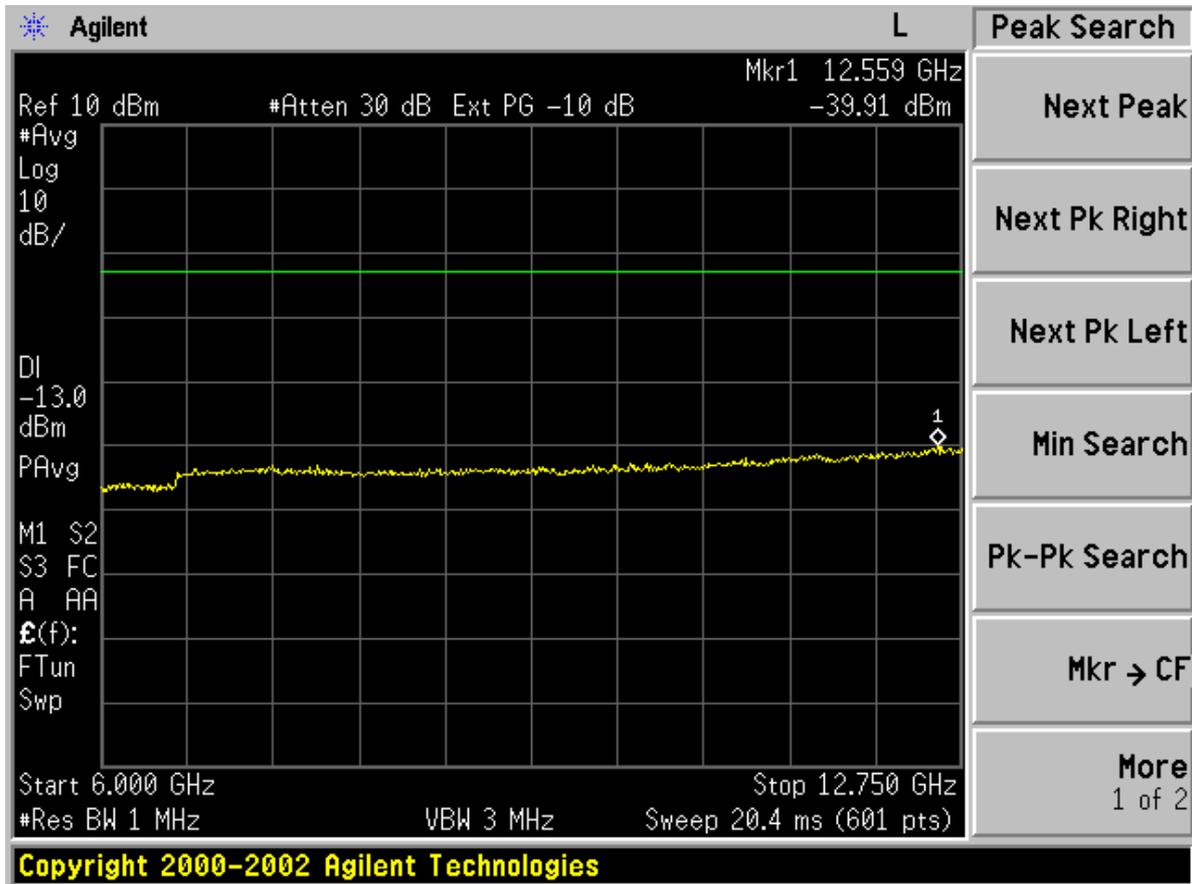


### 1.2 TM3

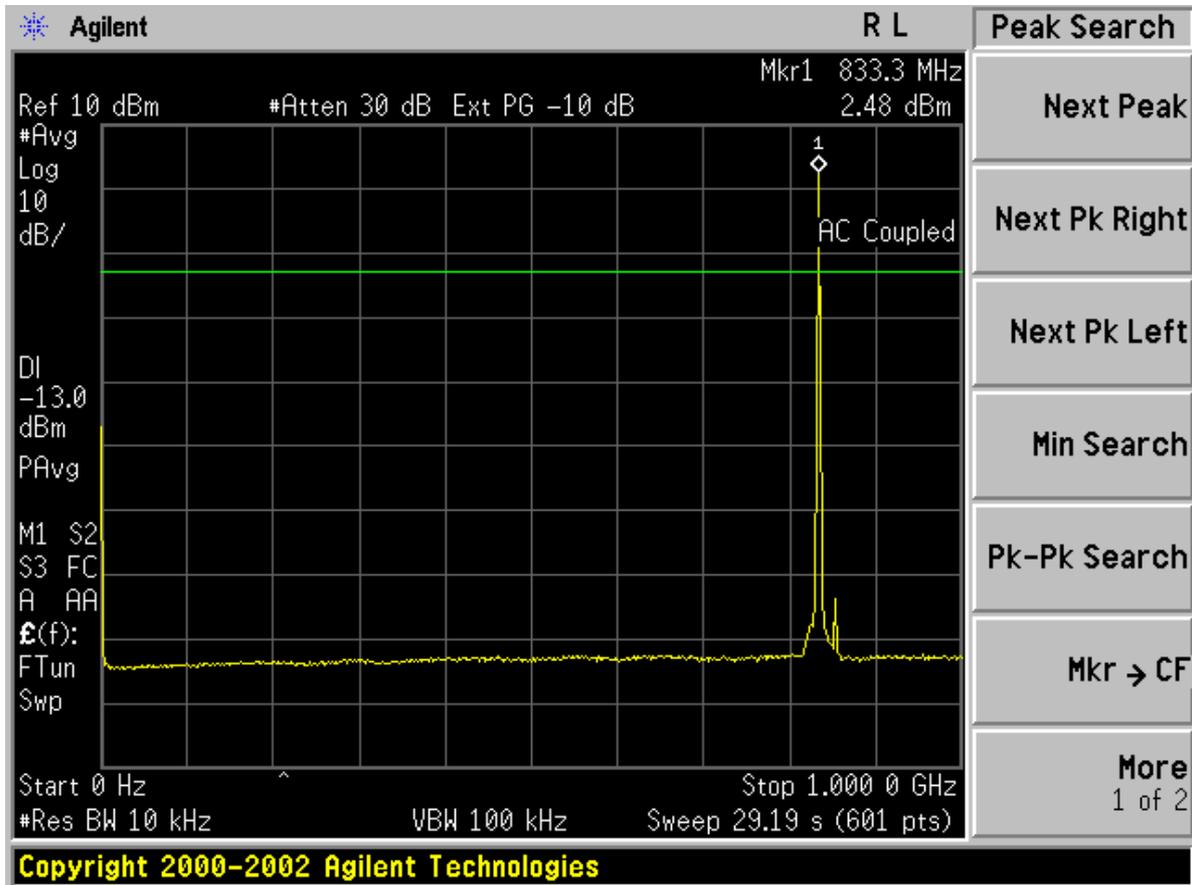
#### Channel 1013

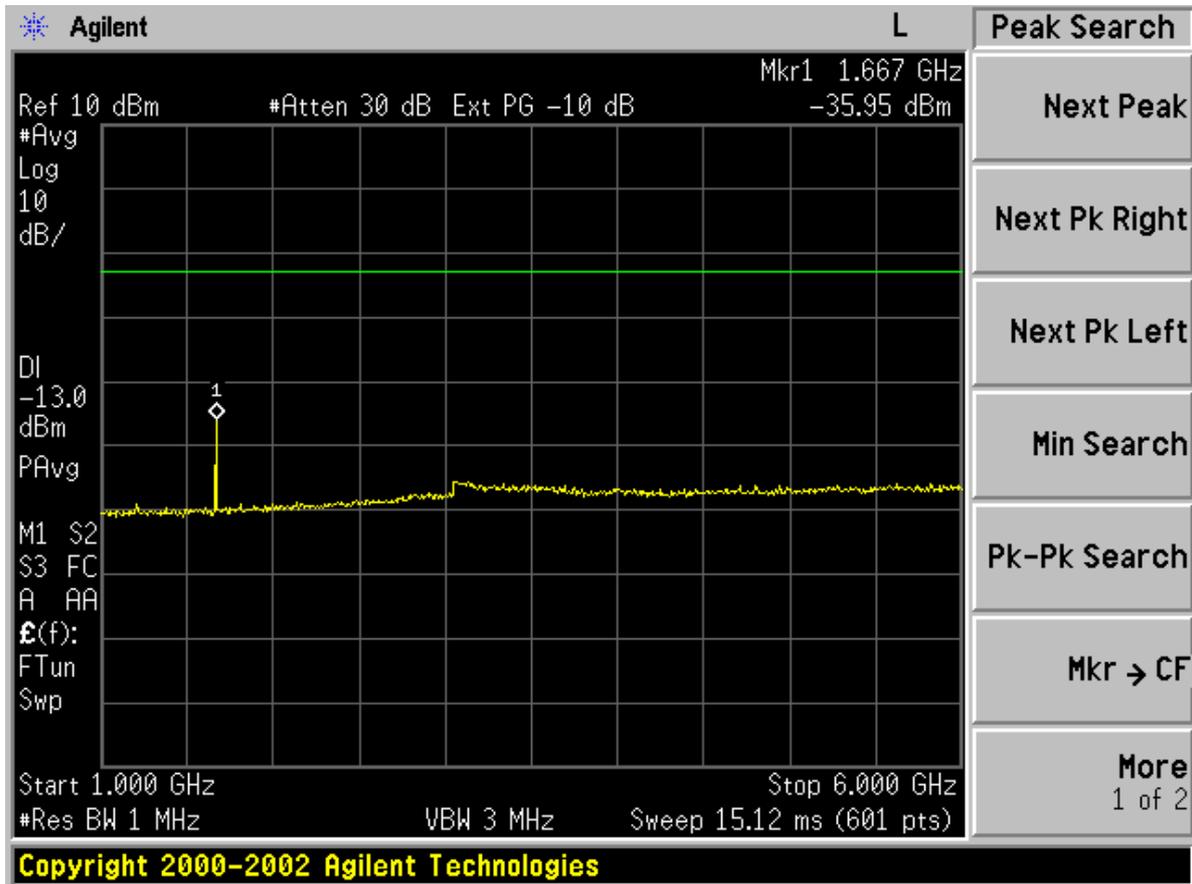






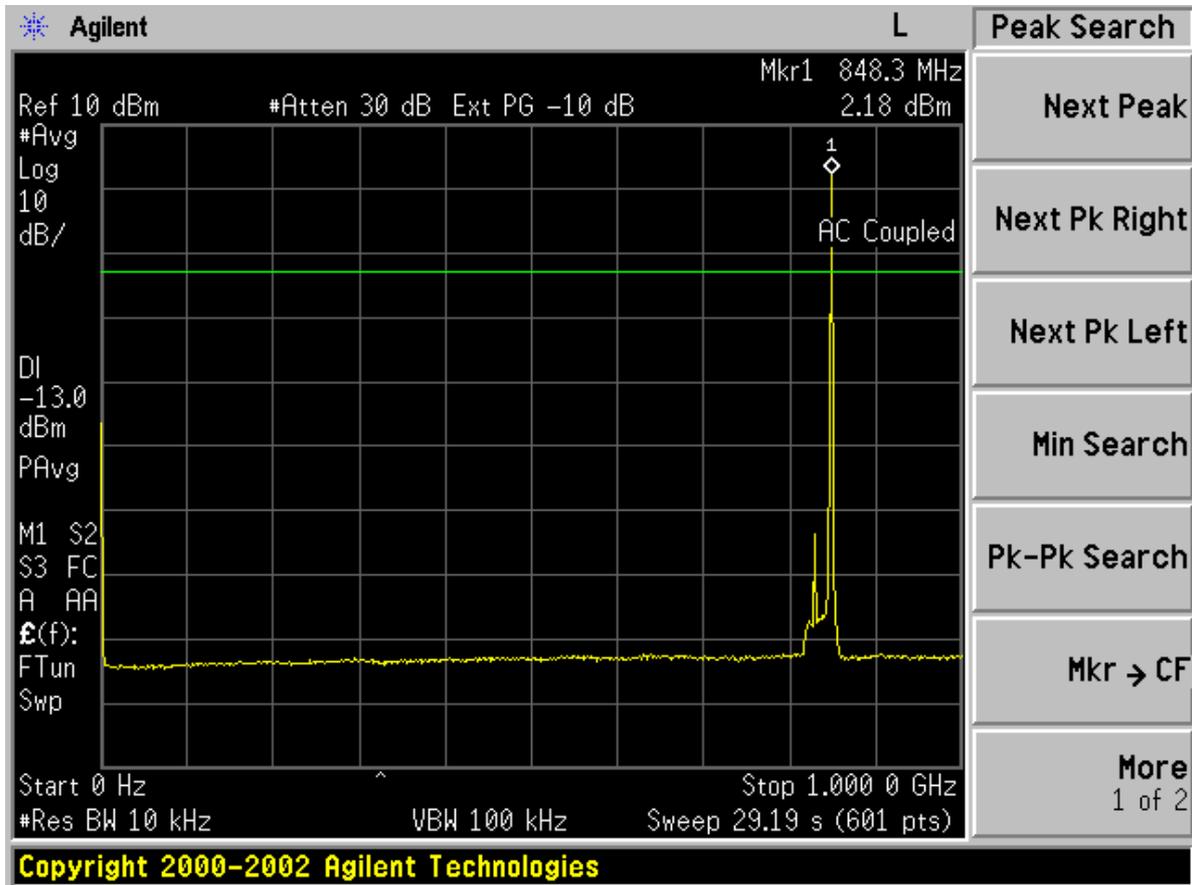
Channel 283

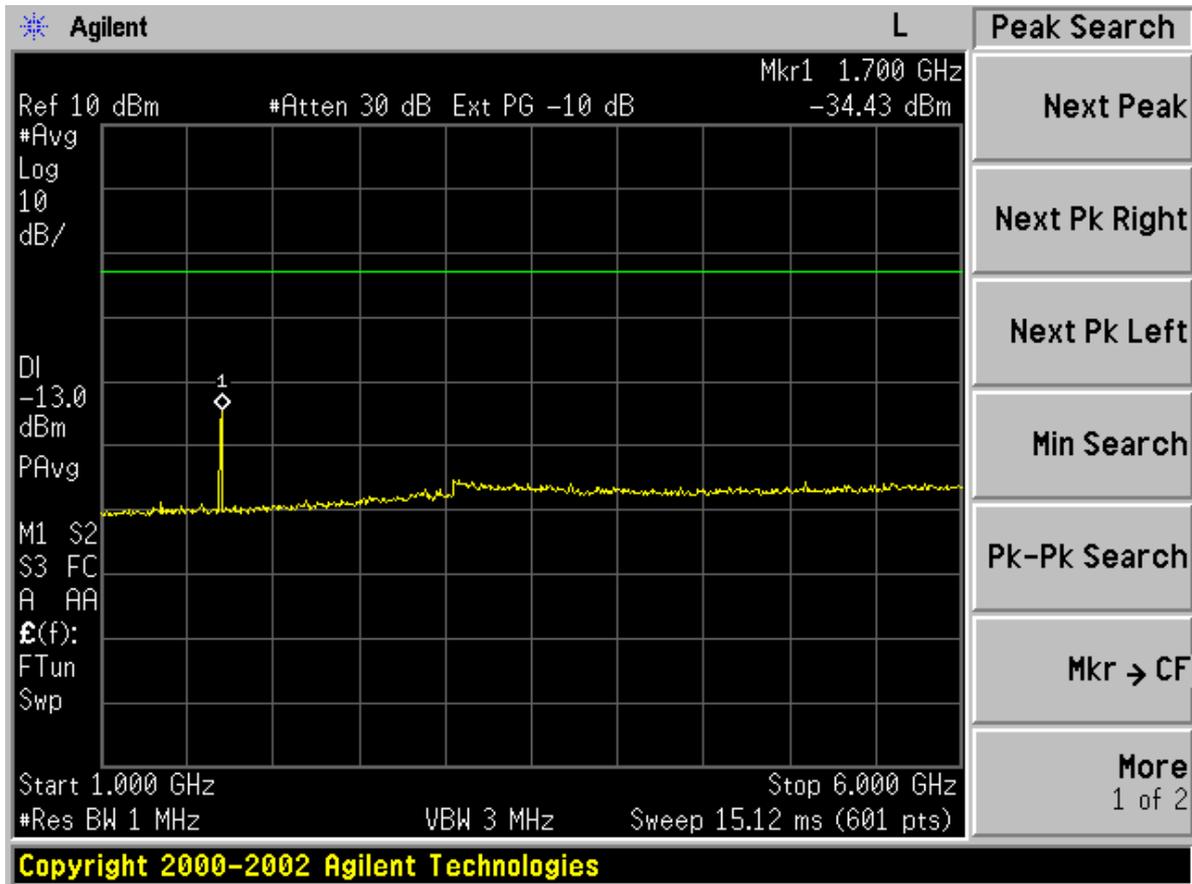


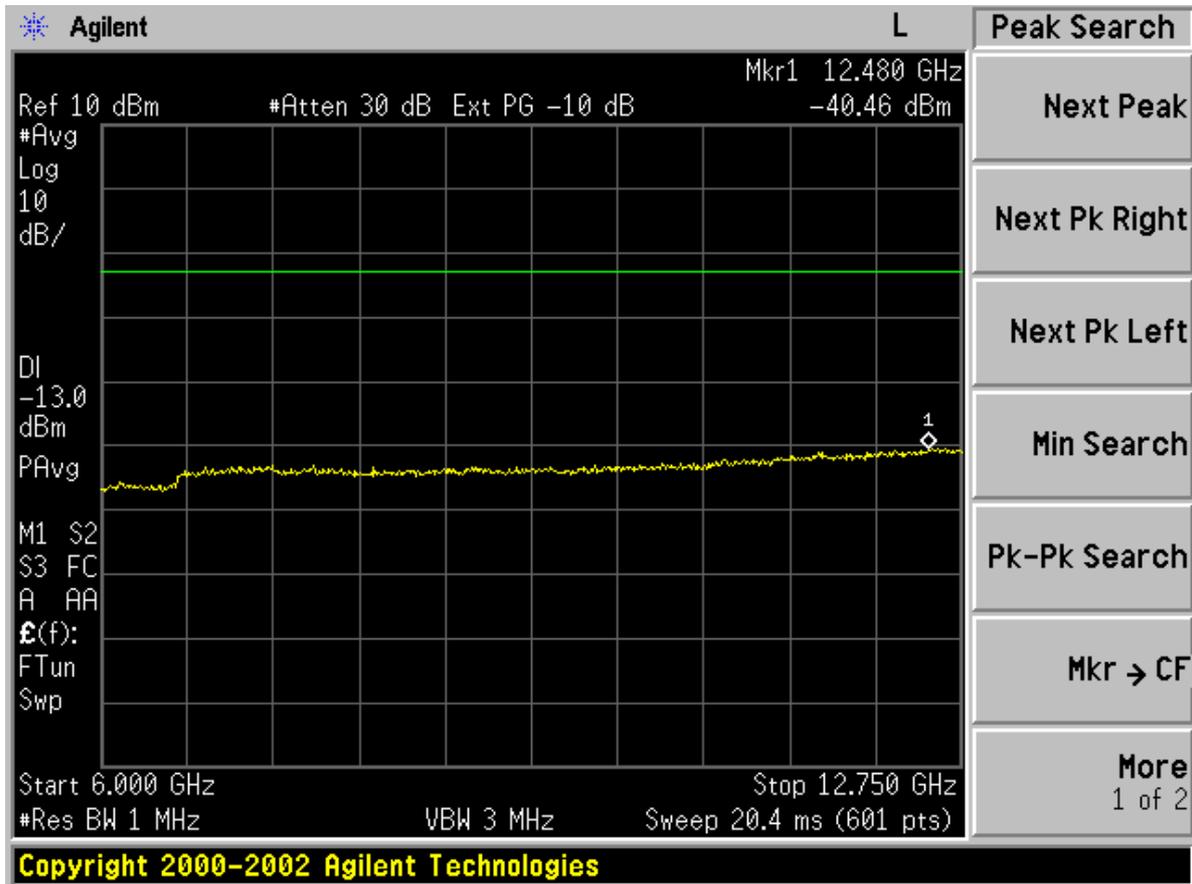




### Channel 777



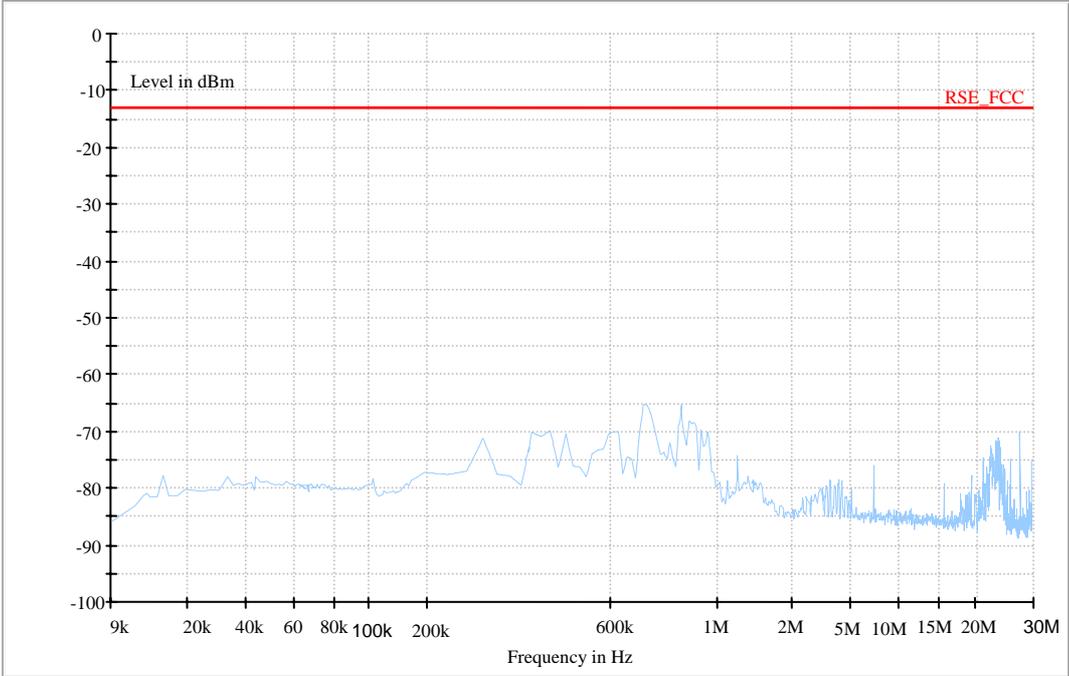




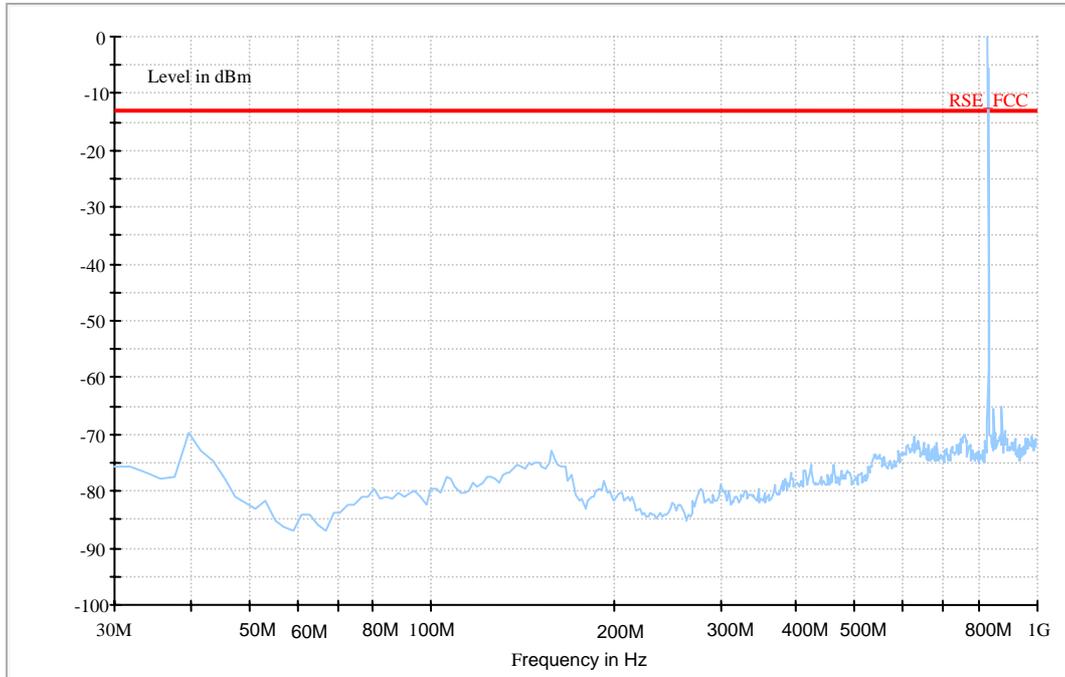
## Appendix F

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

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

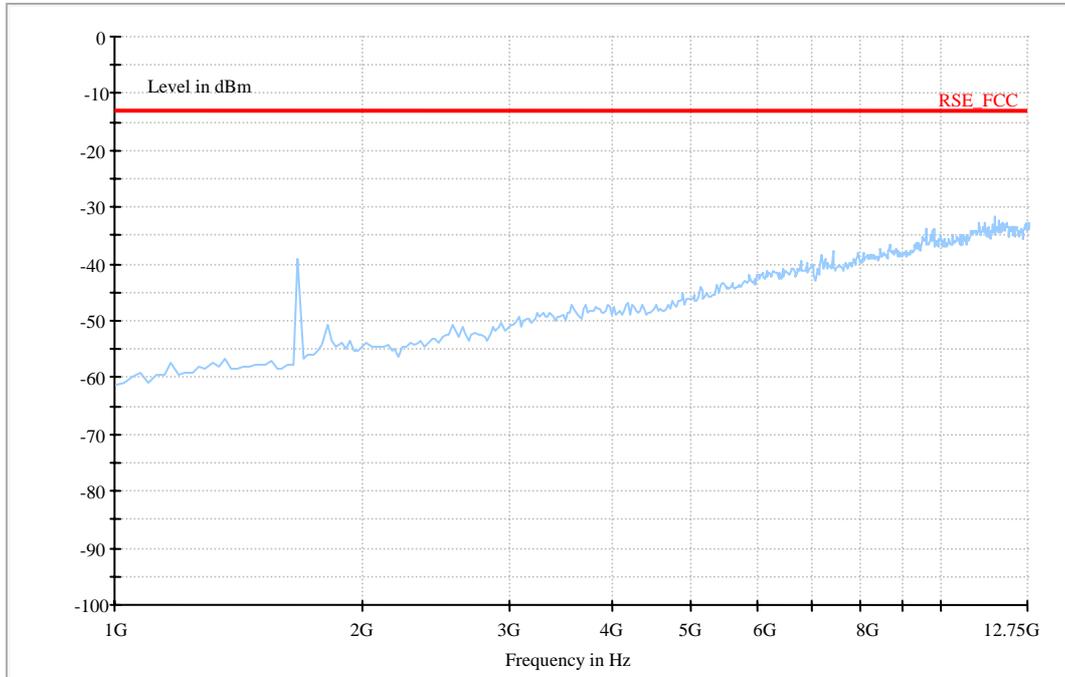


### TRA Mode (30MHz-1GHz)

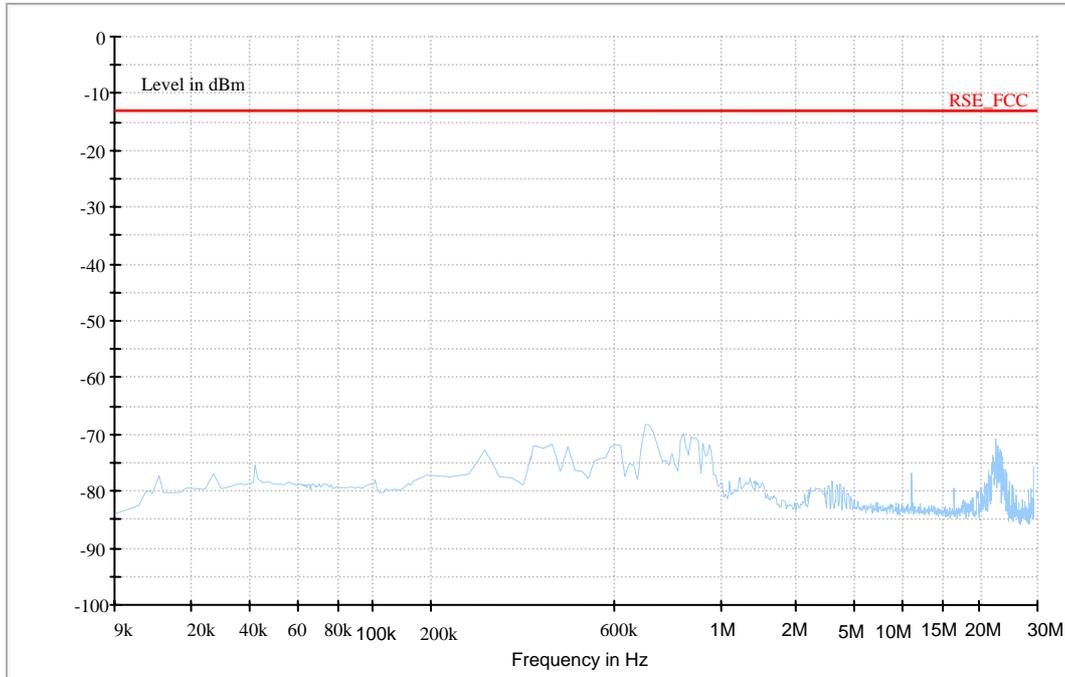


Note: The frequency which exceeded the limit was the carrier frequency.

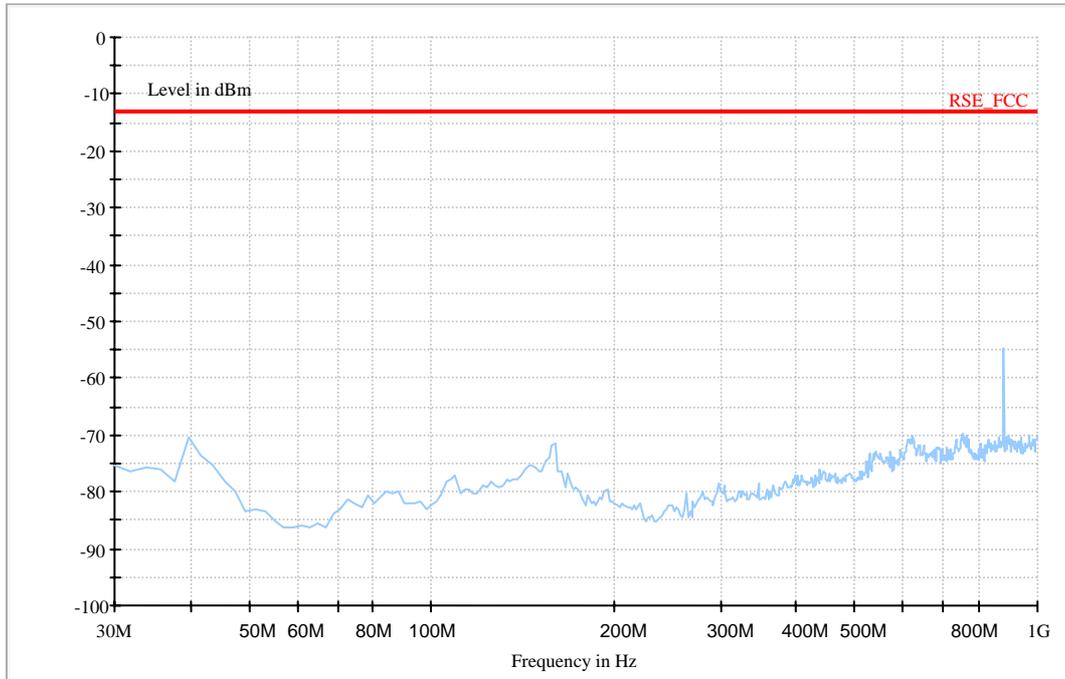
### TRA Mode (1GHz-12.75GHz)



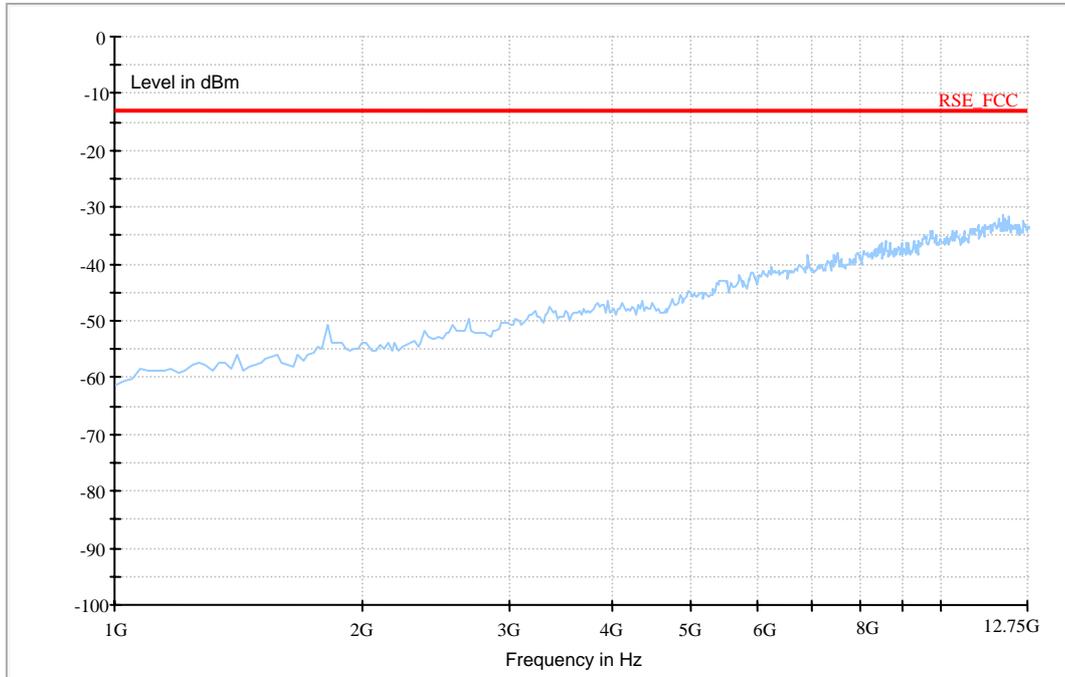
### IDLE Mode (9 kHz-30MHz)



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



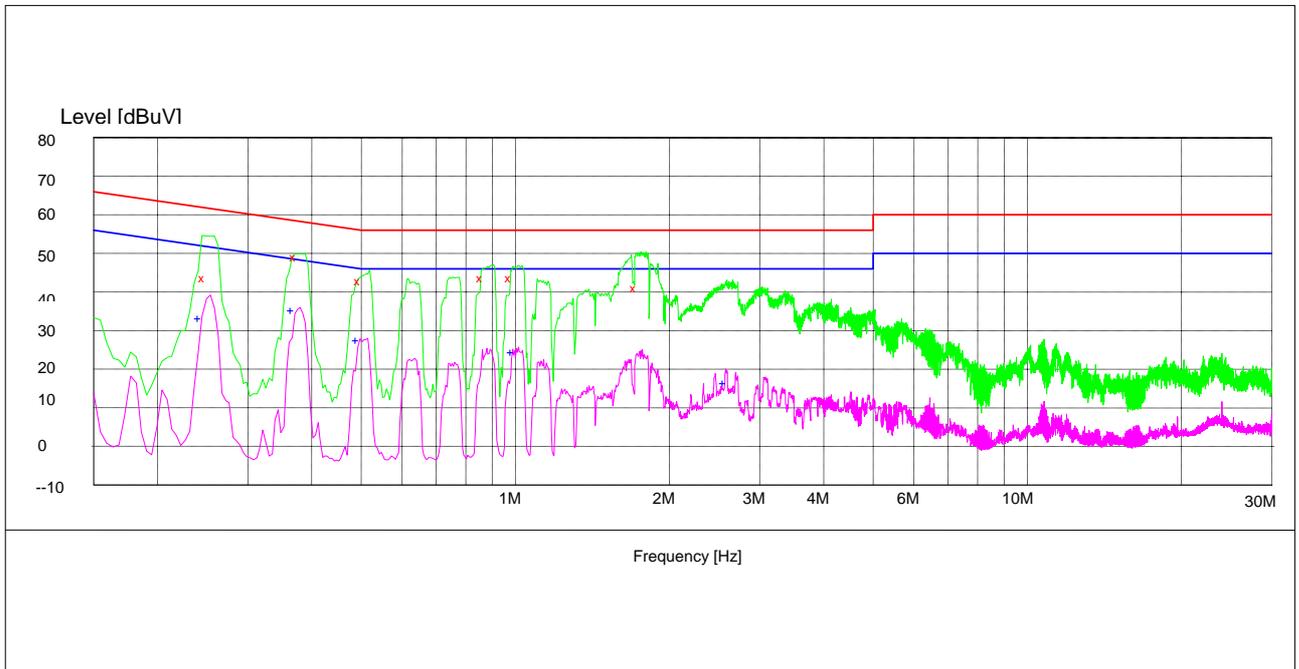
### IDLE Mode (1GHz-12.75GHz)



## 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
0.249000	43.60	10.3	62	18.2	N	FLO
0.375000	48.90	10.1	58	9.4	N	FLO
0.501000	42.90	10.0	56	13.1	N	FLO
0.870000	43.50	9.9	56	12.5	N	FLO
0.987000	43.50	9.9	56	12.5	N	FLO
1.734000	41.00	10.0	56	15.0	N	FLO

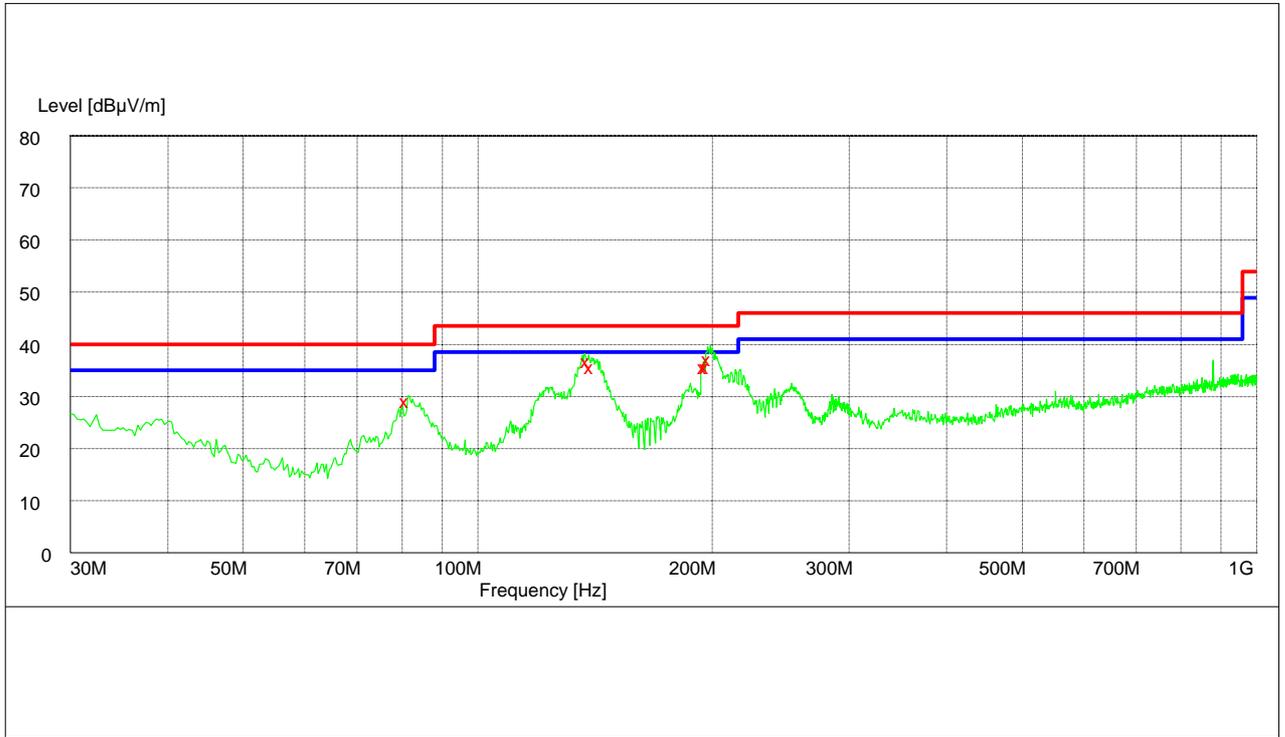
MEASUREMENT RESULT: "AV DECTER"

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.244500	33.20	10.4	52	18.7	N	FLO
0.370500	35.20	10.2	49	13.3	N	FLO
0.496500	27.40	10.0	46	18.6	N	FLO
0.996000	24.50	9.9	46	21.5	N	FLO
2.584500	16.30	10.1	46	29.7	N	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
81.180000	29.50	-14.7	40.0	10.5	100.0	180.00	VERTICAL
138.660000	37.00	-10.9	43.5	6.5	100.0	90.00	HORIZONTAL
140.280000	36.00	-11.0	43.5	7.5	100.0	90.00	VERTICAL
195.780000	36.00	-13.0	43.5	7.5	100.0	150.00	HORITZOTAL
197.220000	36.00	-12.7	43.5	7.5	100.0	40.00	HORIZONTAL
198.180000	37.50	-12.7	43.5	6.0	100.0	60.00	HORIZONTAL

# Appendix I

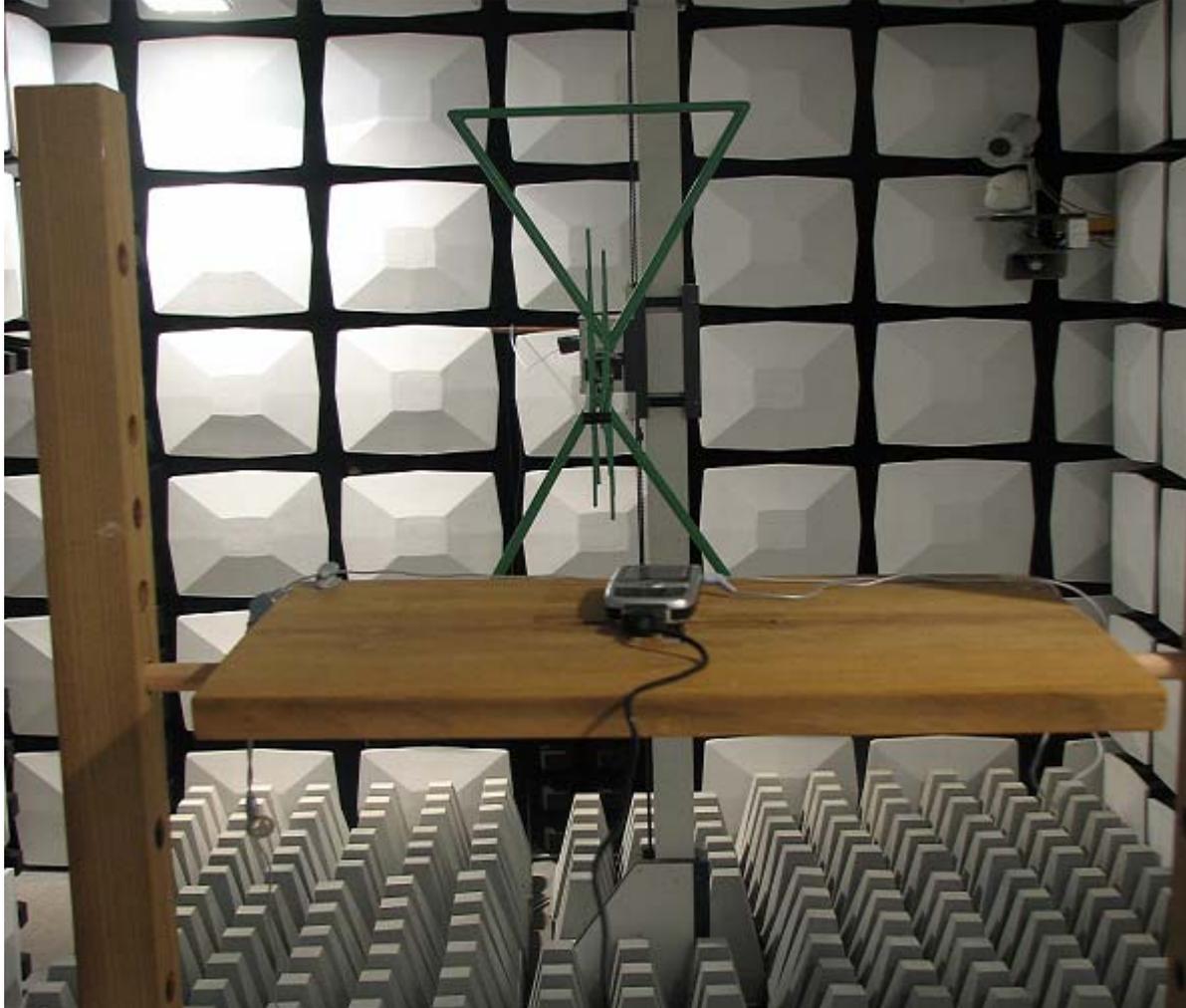
## Photos of Test Setup

## 2 Radiated Emissions

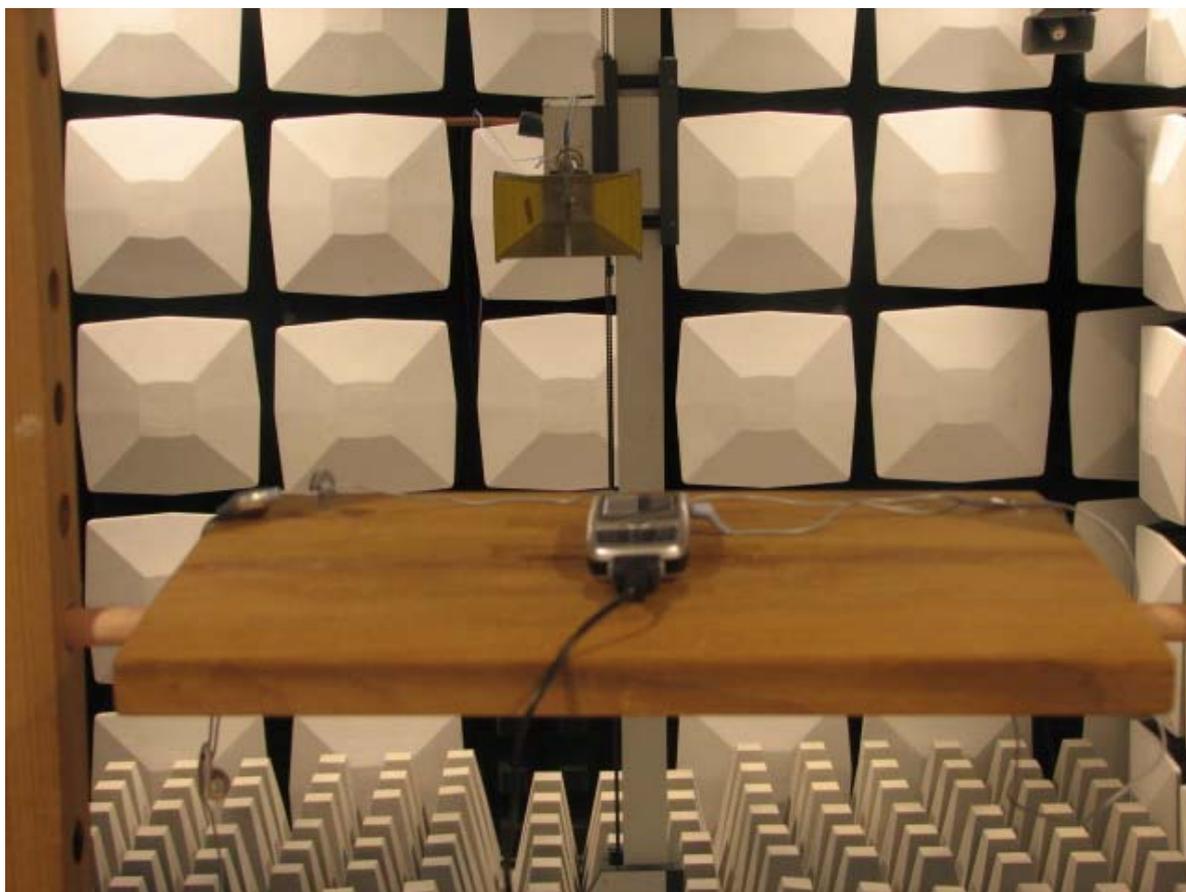


Radiated Disturbance

### 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	26.09	25.83	25.92	25.68
RC3	25.96	25.85	25.90	25.51
Maximum conducted power at 20th minute (dBm)				
Channel	1013	283	384	777
RC1	25.90	25.70	25.88	25.53
RC3	25.81	25.67	25.76	25.43
Maximum conducted power at 40th minute (dBm)				
Channel	1013	283	384	777
RC1	25.91	25.71	25.76	25.64
RC3	25.84	25.68	25.75	25.63

### Channel 1013

1st minute  
TM1

Measurement/Instrument Screen									
Call Control		Digital Average Power						Call Parms	
Operating Mode	<p style="text-align: center;">Digital Average Power <b>26.09</b> dBm</p> <p style="text-align: center;">Expected Mobile Power: 23.00 dBm/1.23 MHz</p> <p style="text-align: right;">Continuous</p>	Cell 1 Power		-104.00		dBm/1.23 MHz		Cell Band	
Active Cell		US Cellular		Channel		1013		Protocol Rev	
System Type		IS-2000		Radio Config		(Fud1, Rvs1)		S02 (Loopback)	
End Call		FCH Service Option Setup		2 of 2		Active Cell Connected		Sys Type: IS-2000	
Paging INSI Setup		IntRef		Offset		T		Logging: No Conn.	
Handoff Setup		1 of 4							



TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
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		
							1013		
							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 Parms		
Digital Average Power Setup ▾		Digital Average Power <b>25.90 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)		
Calibrate Digital Avg Pur							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>25.81 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		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 Parms		
Digital Average Power Setup ▾		Digital Average Power <b>25.91 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							1013		
Calibrate Digital Avg Pur							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 <span style="float: right;">Continuous</span>					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





TM3

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parm		
Digital Average Power Setup ▾		Digital Average Power <b>25.85 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 Parms		
Digital Average Power Setup ▾		Digital Average Power <b>25.70 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							283		
Calibrate Digital Avg Pur							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>25.67 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
Calibrate Digital Avg Pur							-104.00 dBm/1.23 MHz		
1 of 2		Active Cell Connected			Sys Type: IS-2000		Cell Band		
		IntRef			Offset		T		US Cellular
		Logging: No Conn.			Channel			283	
					Protocol Rev			6 (IS-2000-0)	
					Radio Config			(Fud3, Rvs3)	
					FCH Service Option Setup ▾			S055 (Loopback)	
								1 of 4	

40th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parms		
Digital Average Power Setup ▾		Digital Average Power <b>25.71 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							283		
Calibrate Digital Avg Pur							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>25.68 dBm</b>  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			(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 Parms		
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">25.92 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>25.90 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 Parms		
Digital Average Power Setup ▾		Digital Average Power <b>25.88 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00 dBm/1.23 MHz		
Calibrate Digital Avg Pur							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>25.76 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

40th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parms		
Digital Average Power Setup ▾		Digital Average Power <b>25.76 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							384		
Calibrate Digital Avg Pur							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>25.75 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 Parms			
Digital Average Power Setup ▾		Digital Average Power <h1 style="text-align: center;">25.68 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			
							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>25.51 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



20th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parms		
Digital Average Power Setup ▾		Digital Average Power <b>25.53 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							777		
Calibrate Digital Avg Pur							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>25.43 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)		
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

40th minute  
TM1

Measurement/Instrument Screen									
Control		Digital Average Power					Call Parms		
Digital Average Power Setup ▾		Digital Average Power <b>25.64 dBm</b>  Expected Mobile Power: 23.00 dBm/1.23 MHz  Continuous					Cell 1 Power		
							-104.00		
							Cell Band		
							US Cellular		
							Channel		
							777		
Calibrate Digital Avg Pur							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 Parms			
Digital Average Power Setup ▾		<p style="text-align: center;">Digital Average Power <b>25.63</b> dBm</p> <p style="text-align: center;">Expected Mobile Power: 23.00 dBm/1.23 MHz</p> <p style="text-align: right;">Continuous</p>					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