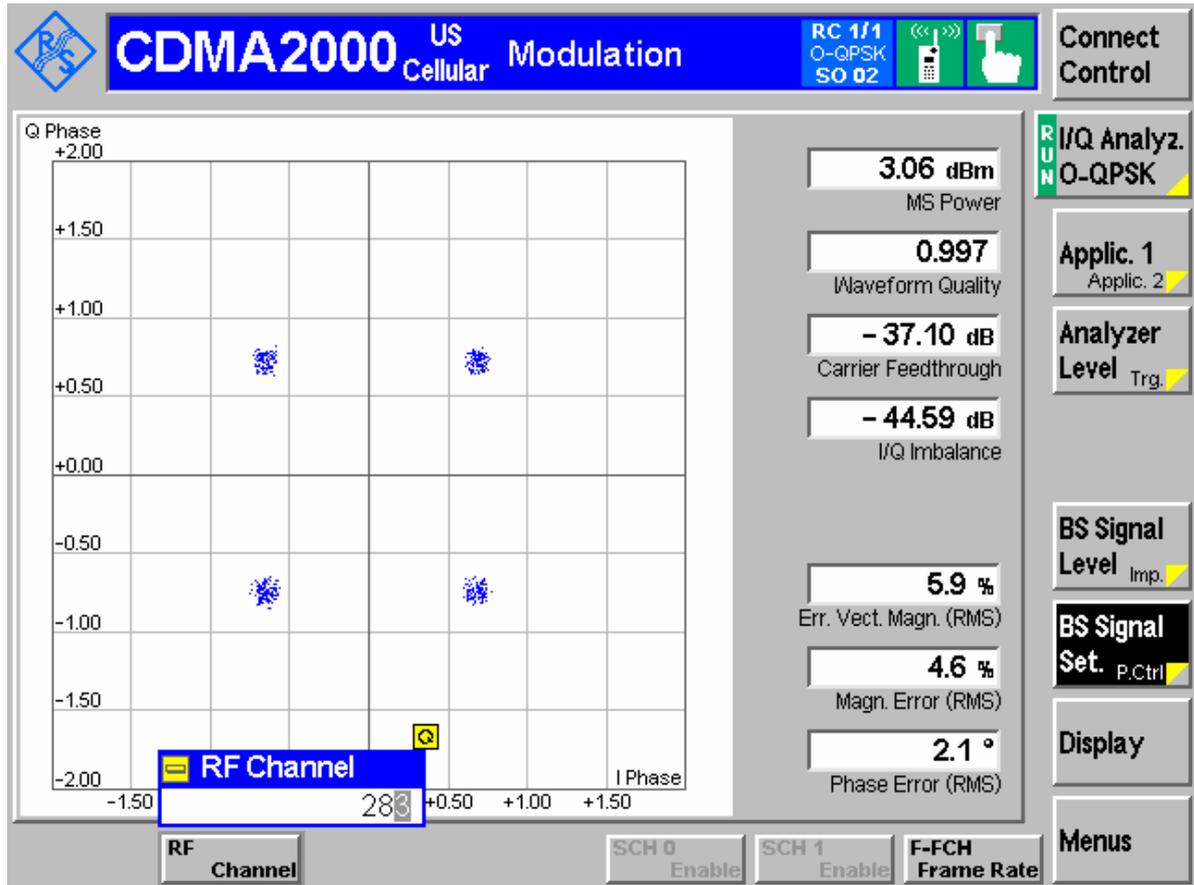


# Appendix A

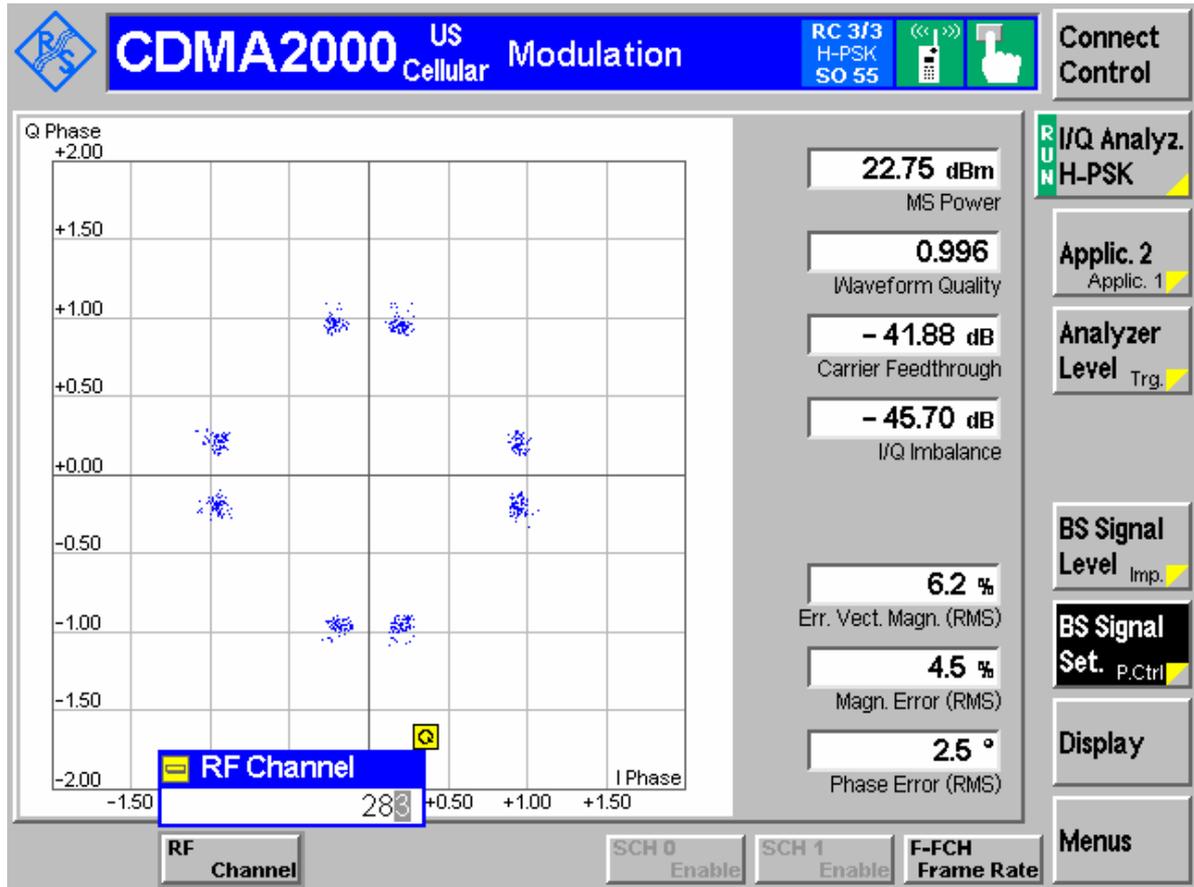
## Modulation Characteristics

According to FCC Part 2.1047 & Part22 Subpart H

## Cellular band: Channel 283 (TM1)



## Cellular band: Channel 283 (TM3)

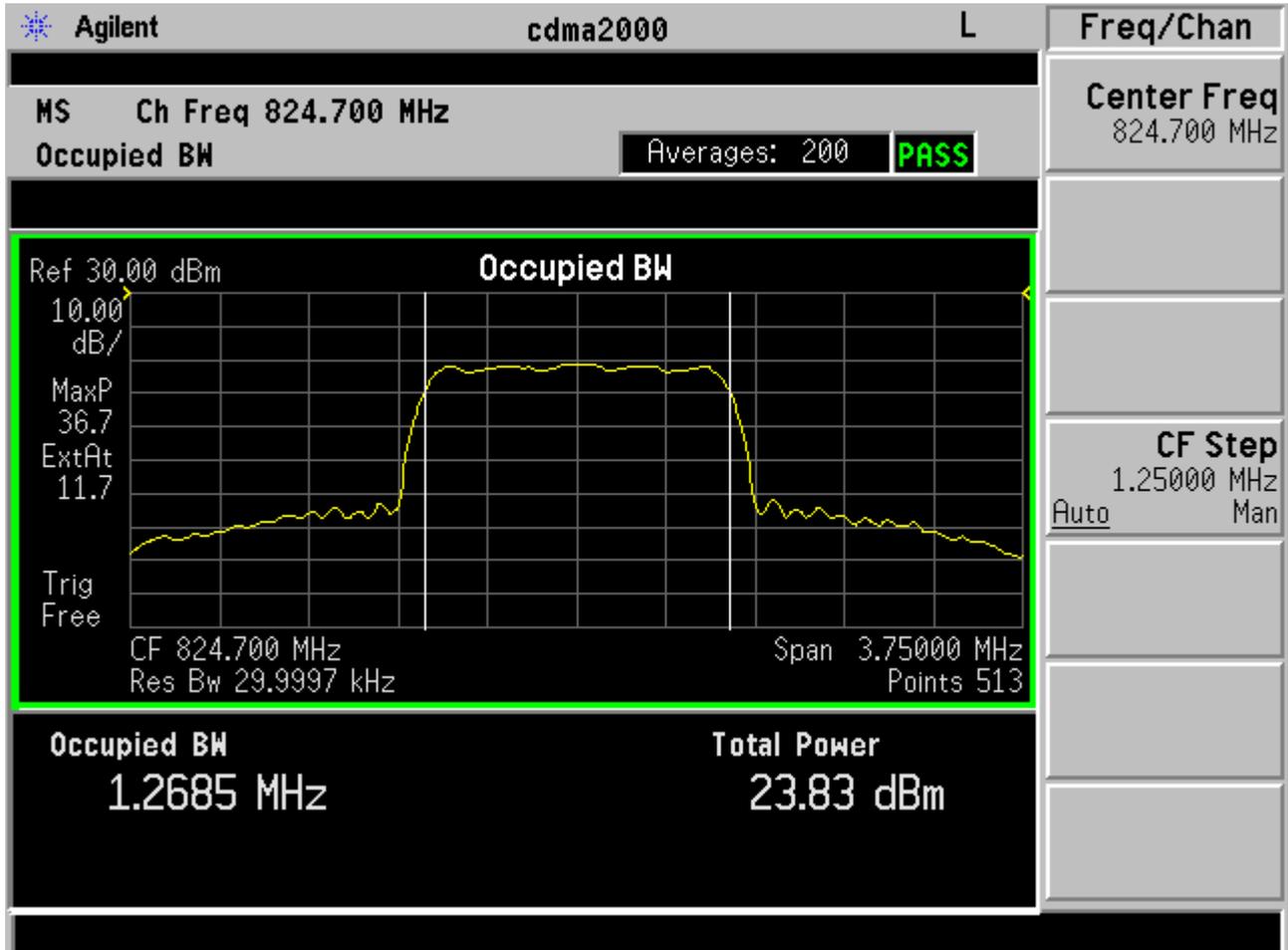


## Appendix B

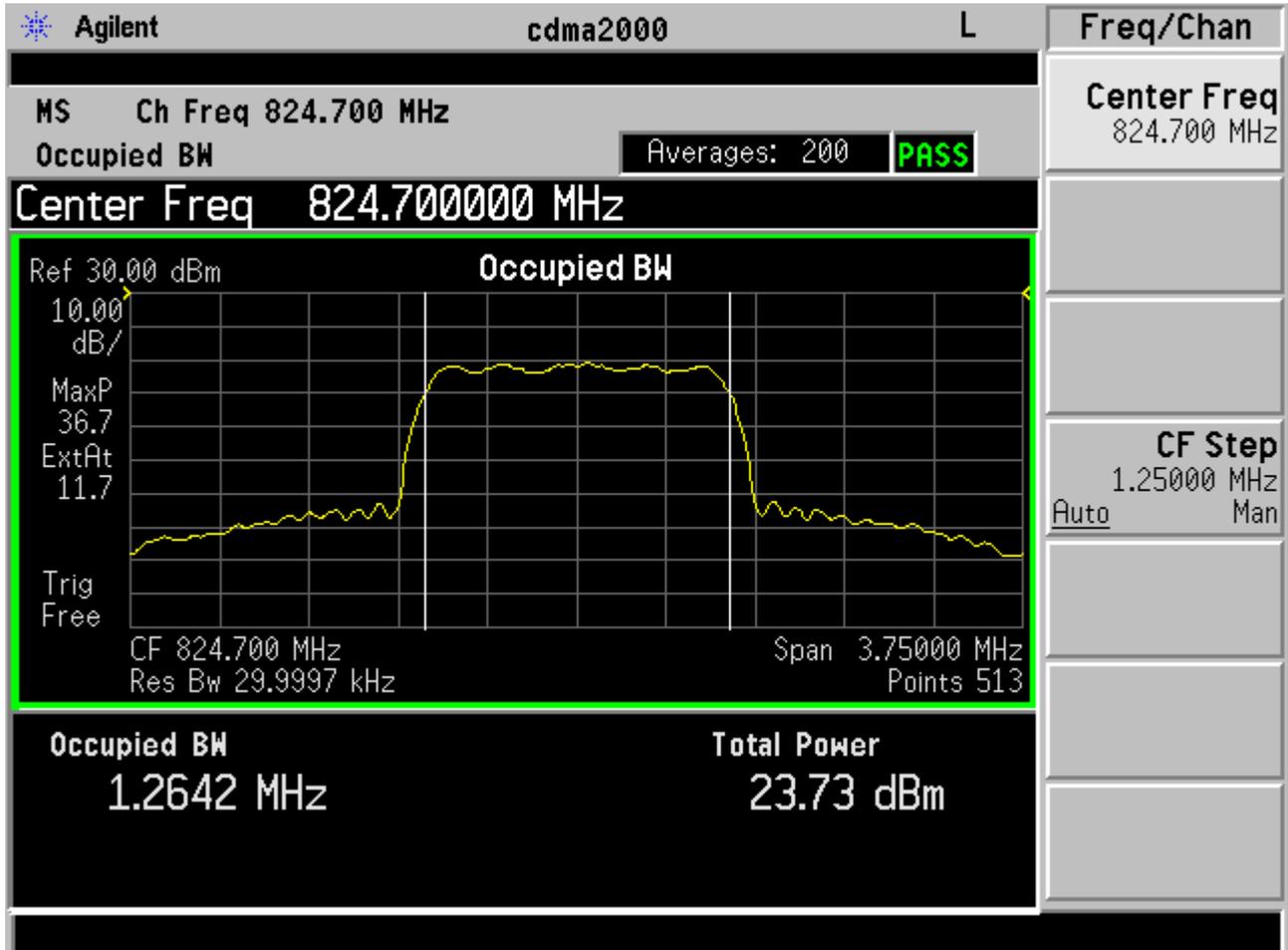
### Occupied Bandwidth

According to FCC Part 2.1049 & Part 22 Subpart H

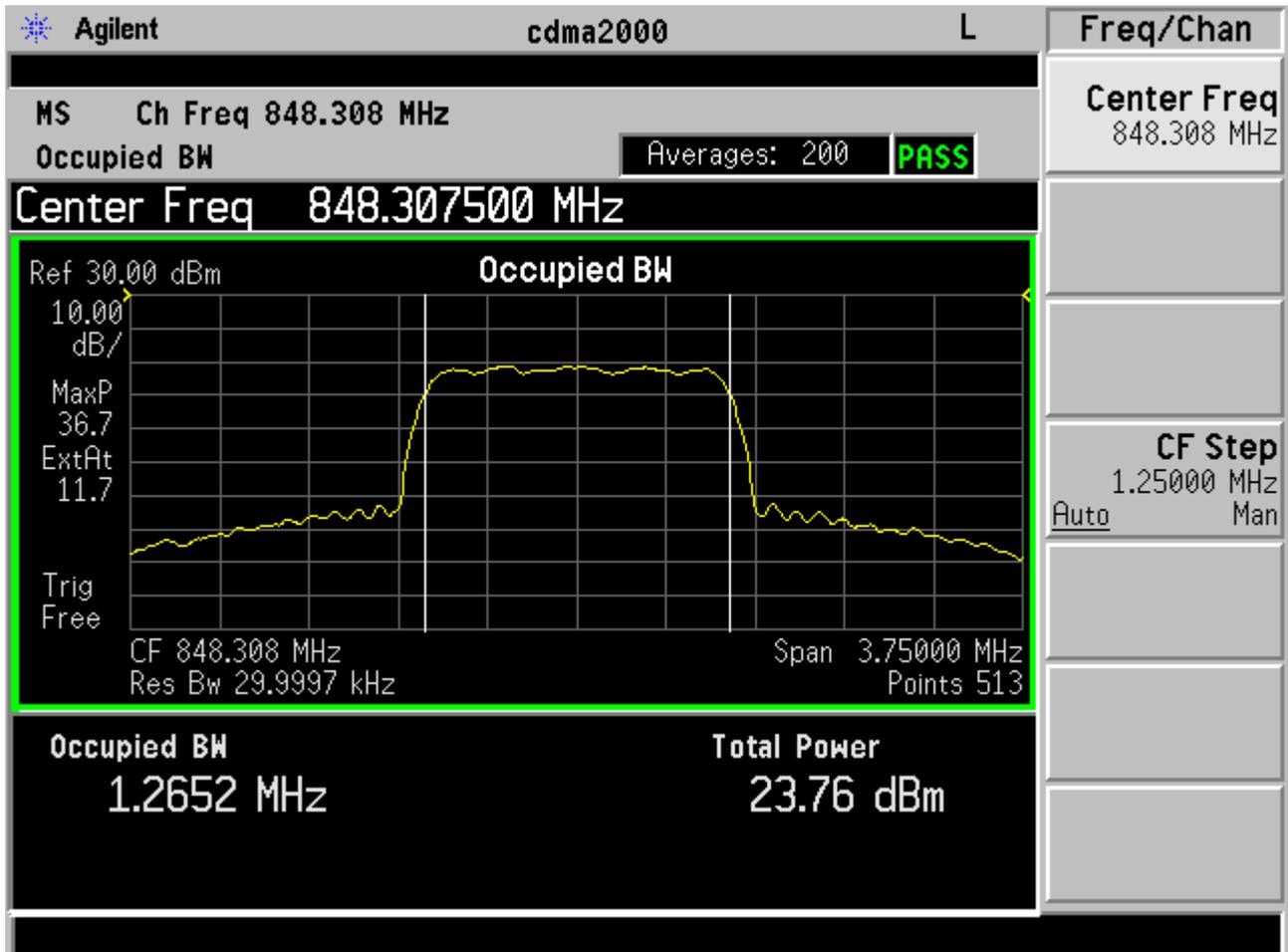
### Cellular band: Channel 1013 (TM1)



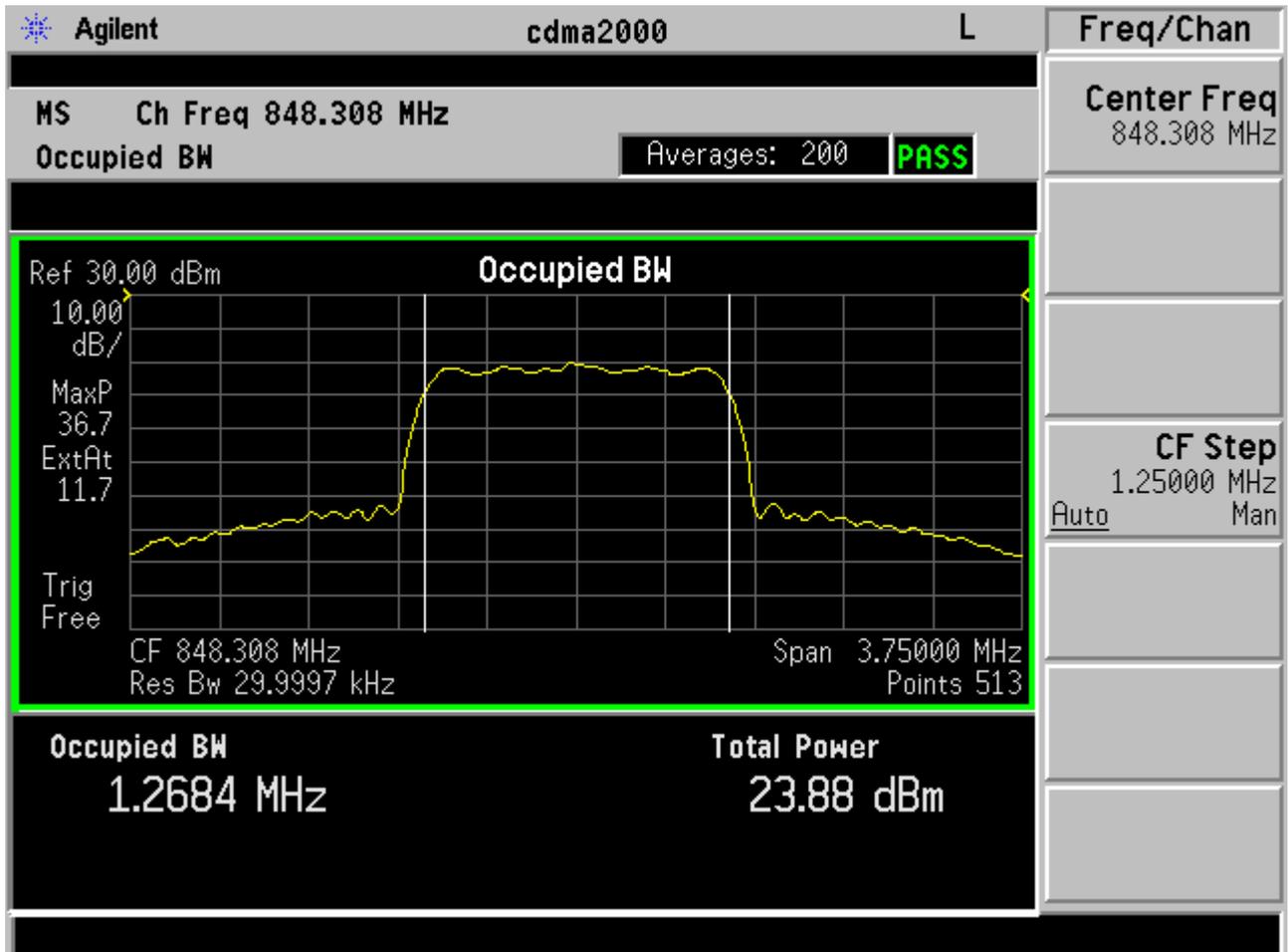
### Cellular band: Channel 1013 (TM3)



Cellular band: Channel 777 (TM1)



### Cellular band: Channel 777 (TM3)

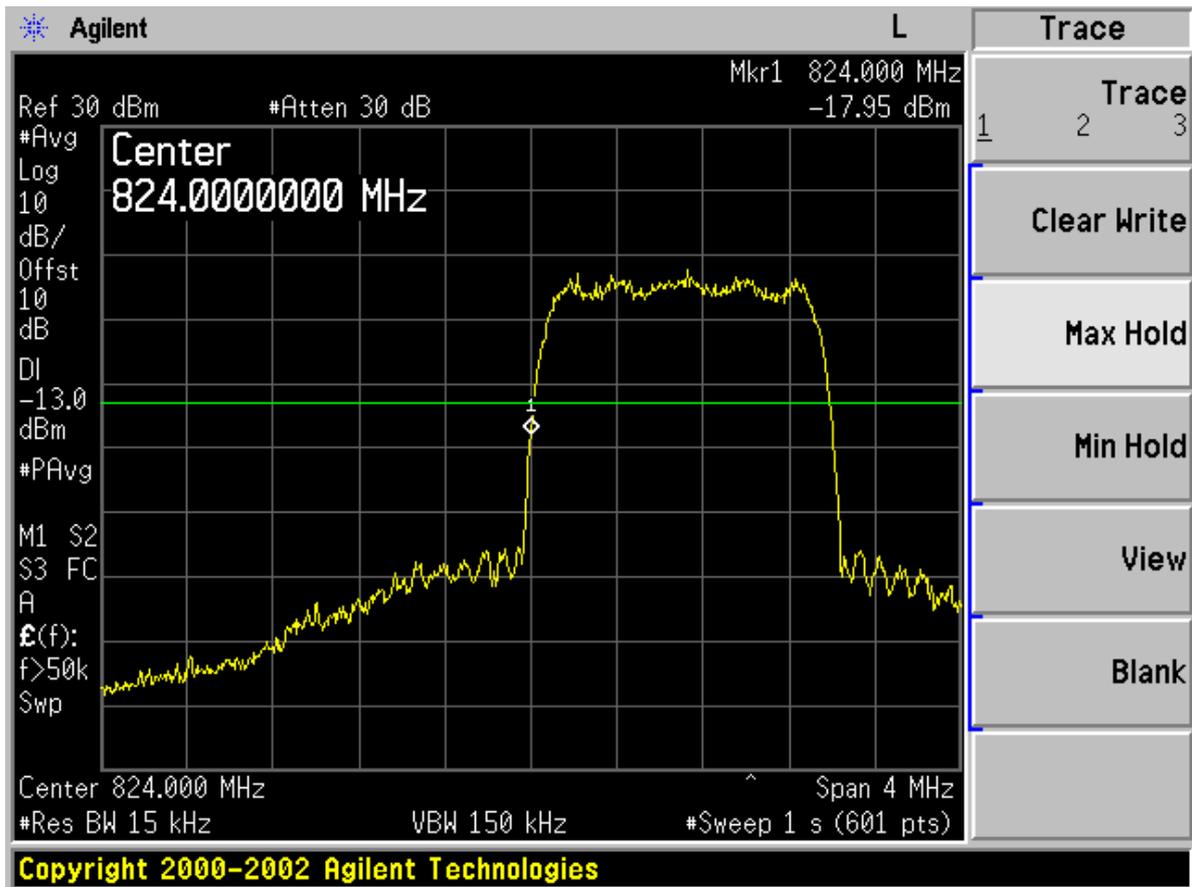




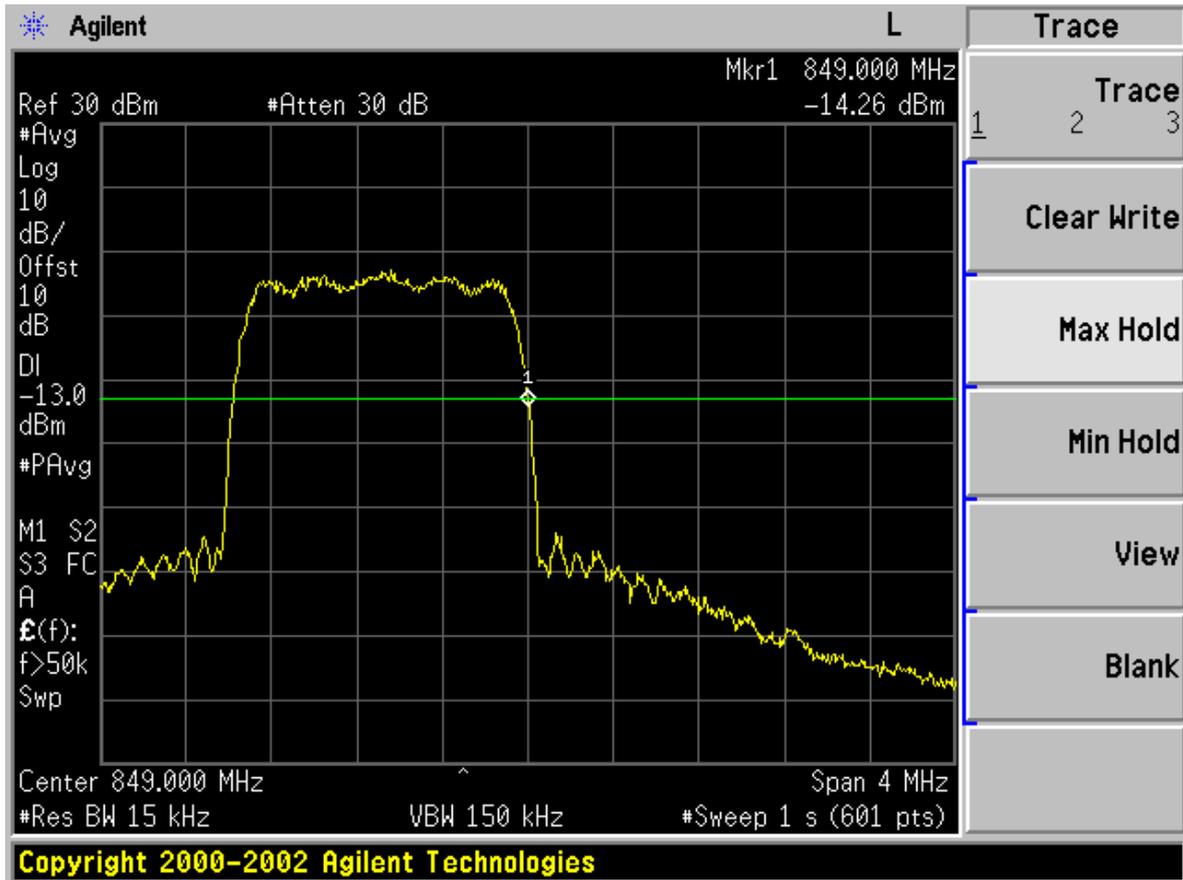
# Appendix C

## Band Edges Compliance According to FCC Part 2.1051 & 22.917

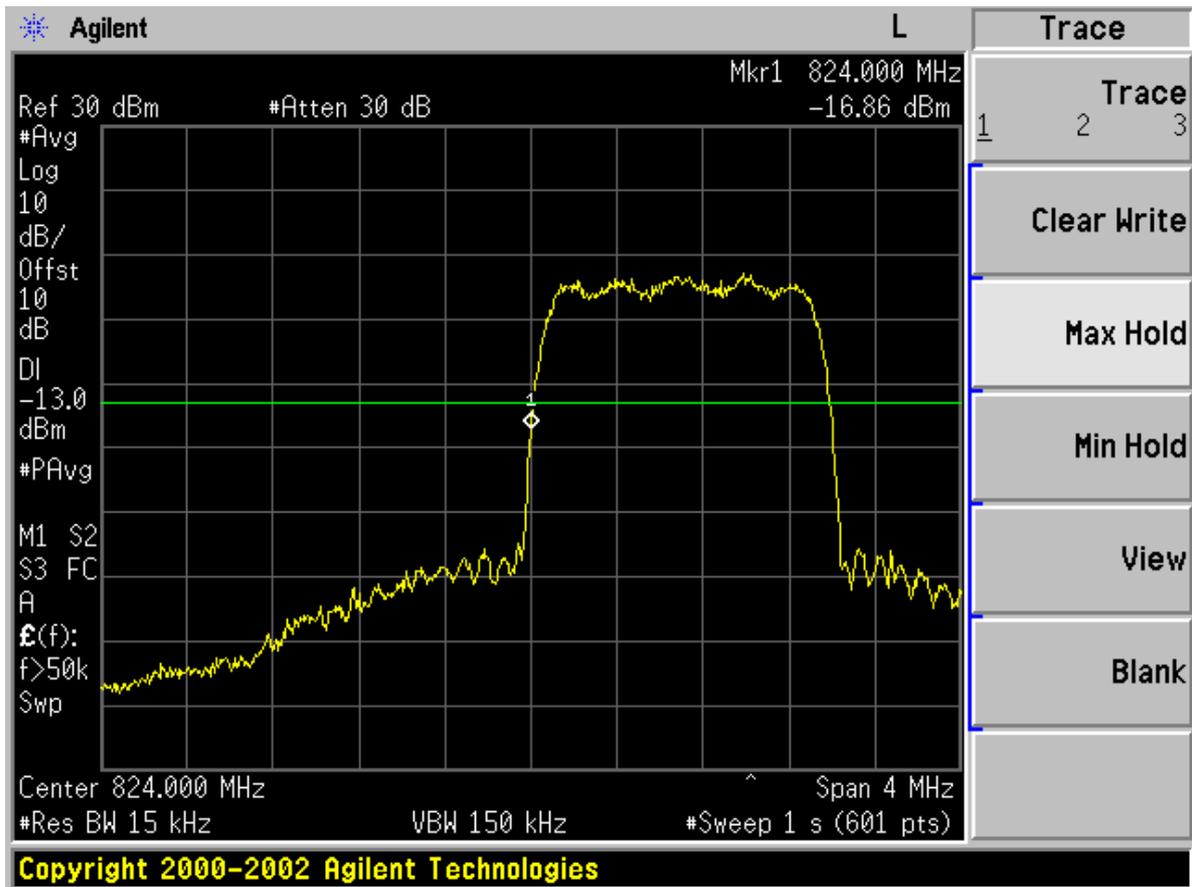
Cellular band: TM1  
Left Edge  
Channel 1013



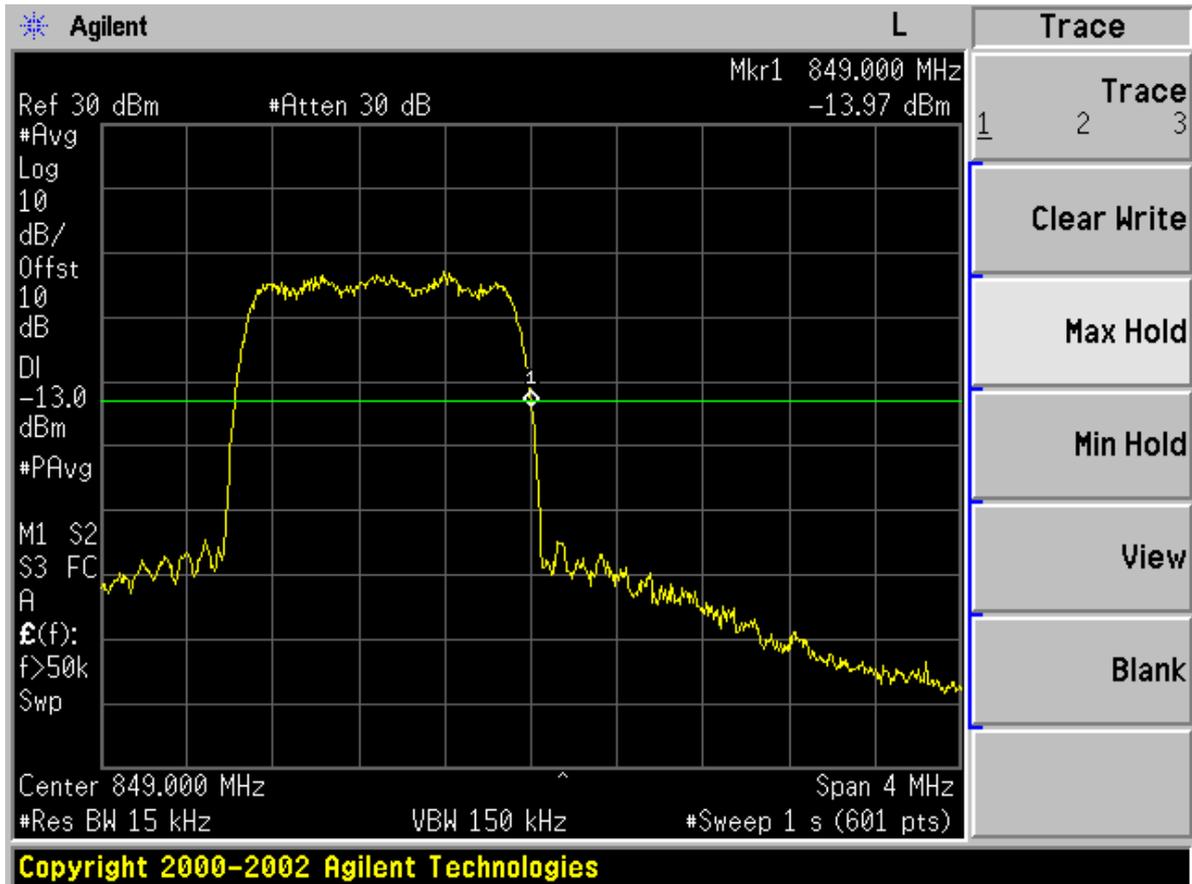
Right Edge  
Channel 777



Cellular band: TM3  
Left Edge  
Channel 1013



### Right Edge Channel 777



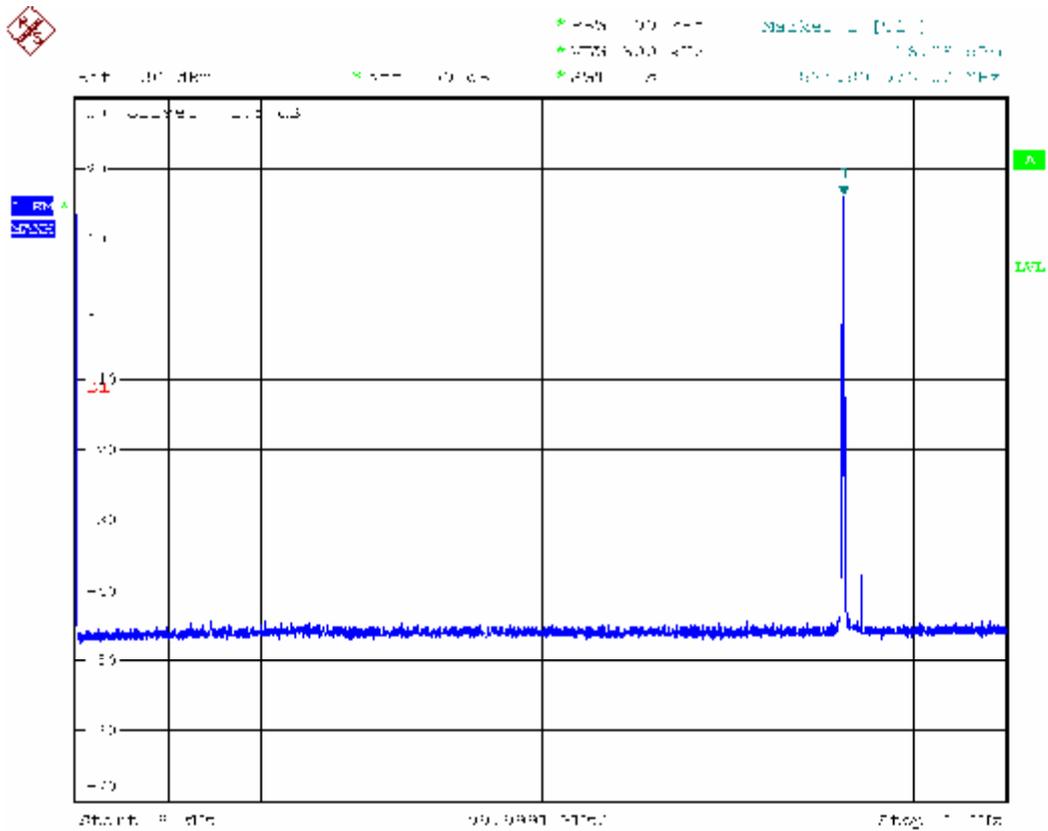
## Appendix D

# Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & 22.917

# Cellular band: TM1

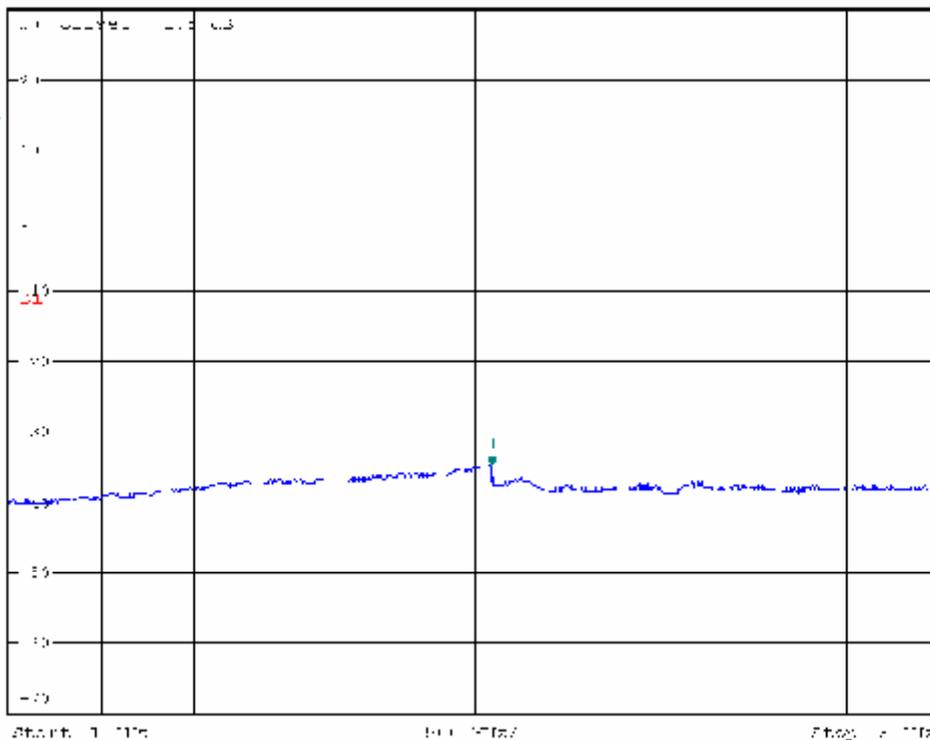
## Channel 1013



Device: 617001.2007 - 11/12/2013



\* 455 1.000  
\* 475 1.000  
\* 495 1.000

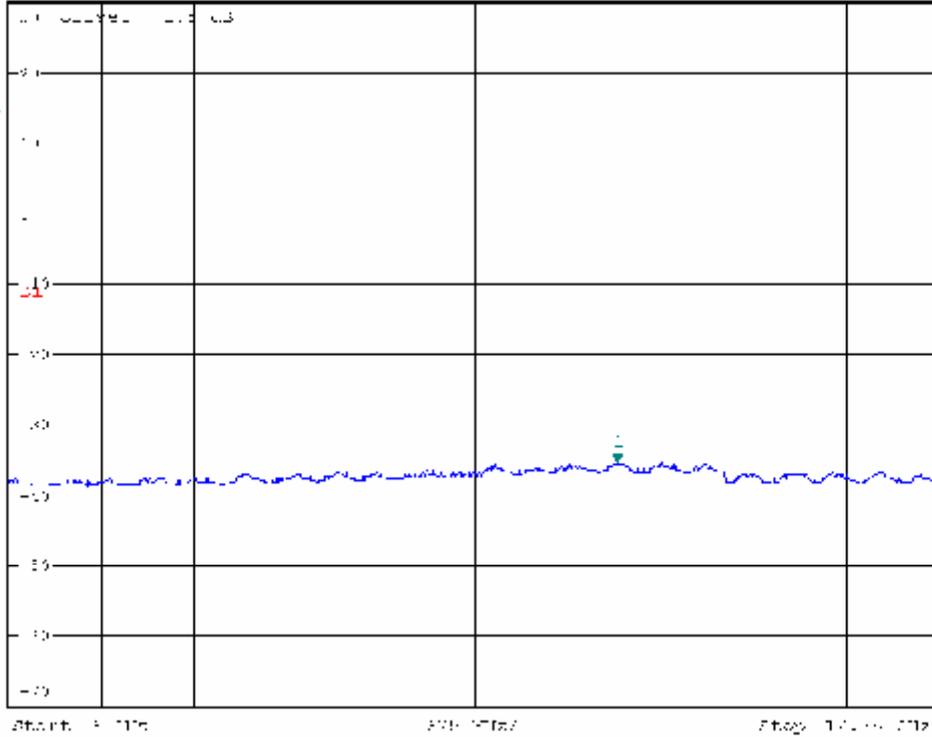


Device: 6.700H.2007 - 00:07:10



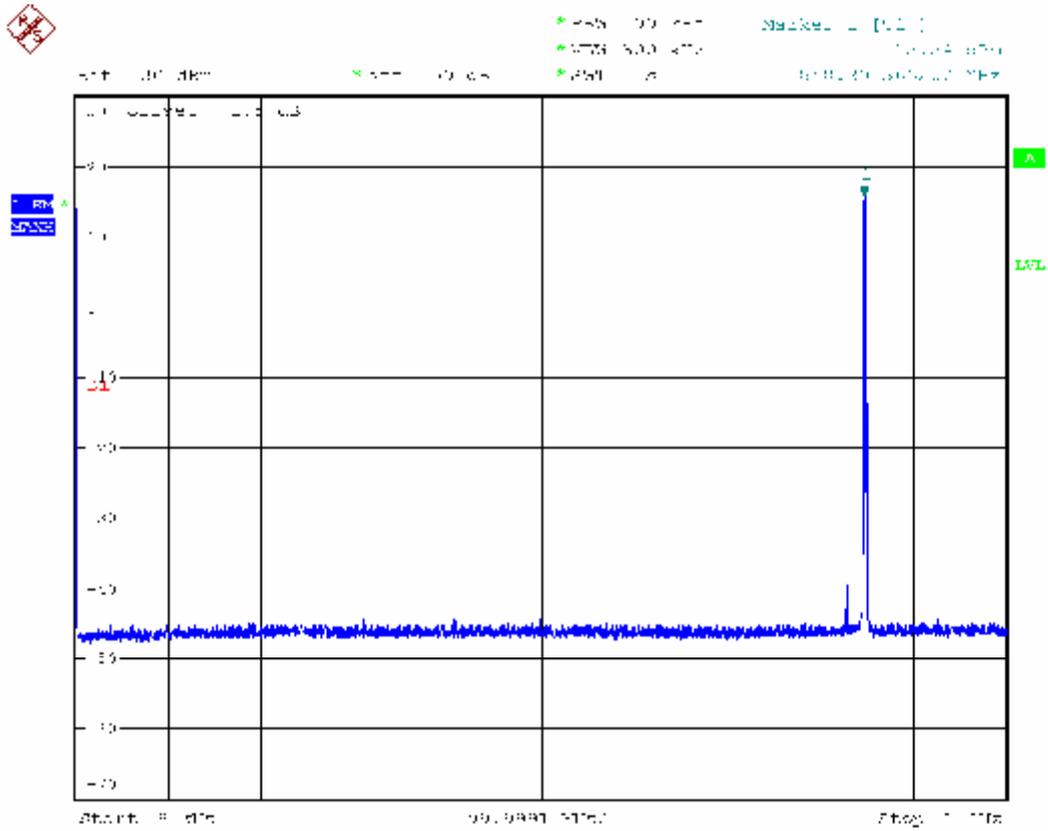
\* 100% 100% 100% 100%  
\* 100% 100% 100% 100%  
\* 100% 100% 100% 100%

RM A  
SINUS



Device: R1000L2007-00000003

# Channel 777



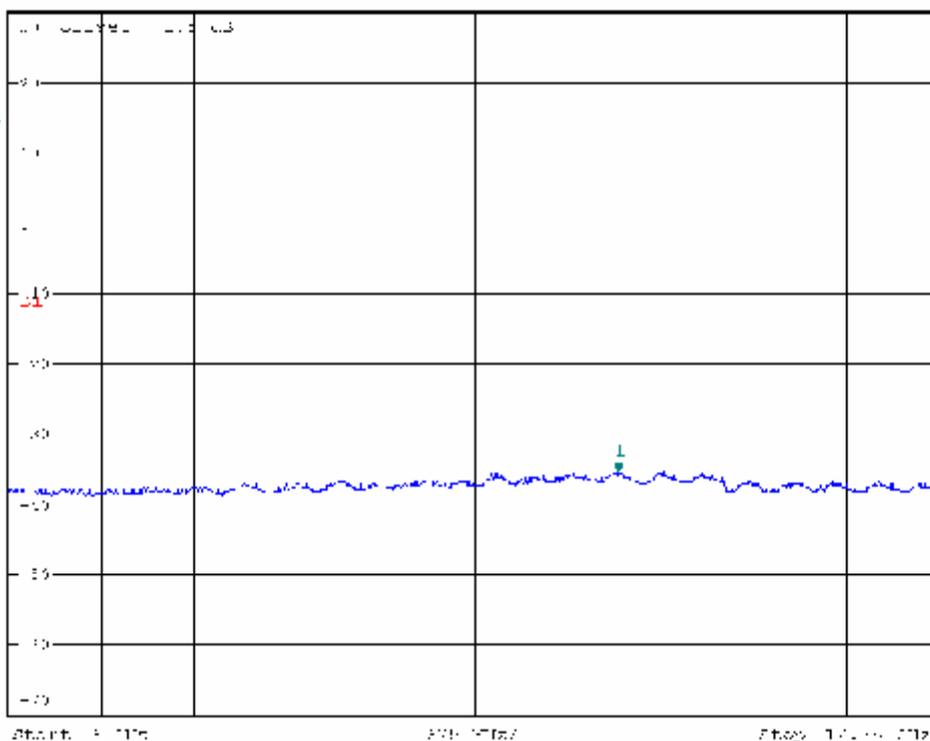
DS-SSS 8.7000.2077 11120612





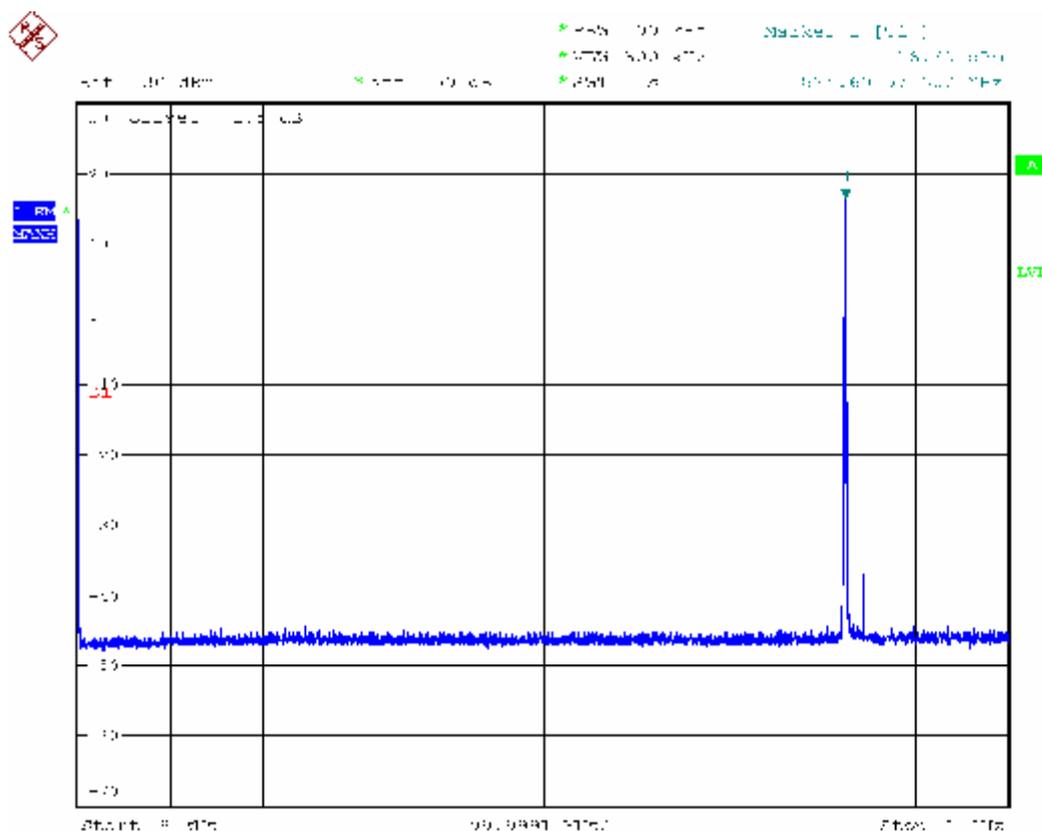
\* 100% 100% 100% 100% 100%  
\* 100% 100% 100% 100% 100%  
\* 100% 100% 100% 100% 100%

SYB  
R



Device: 60052007 - 20190911

# Cellular band: TM3 Channel 1013

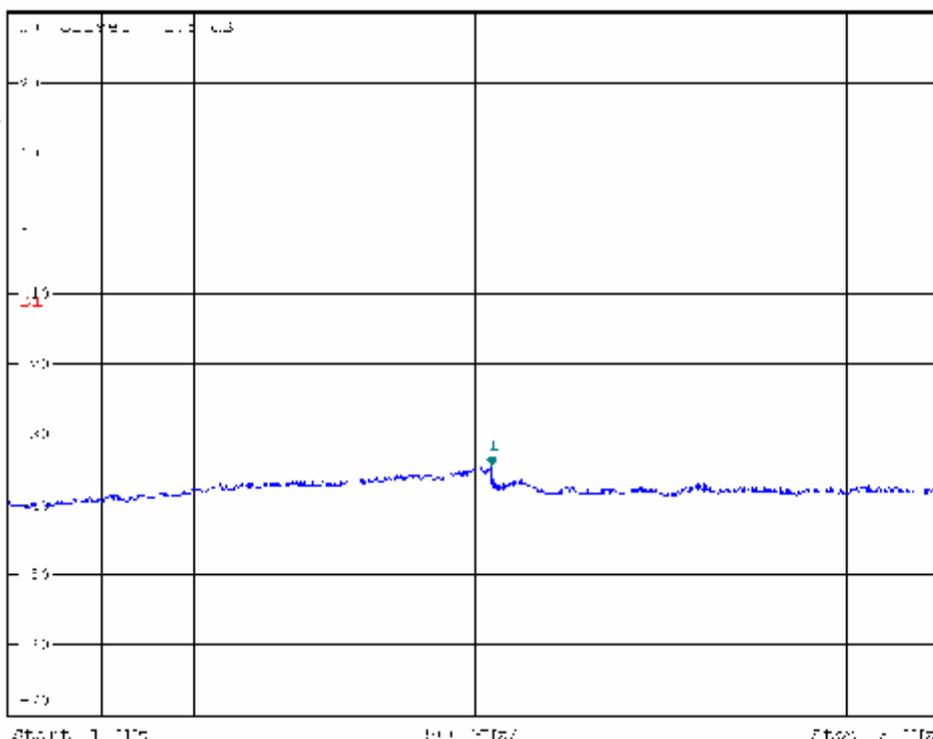


DS-SS: 8.700E+07 11:18:11

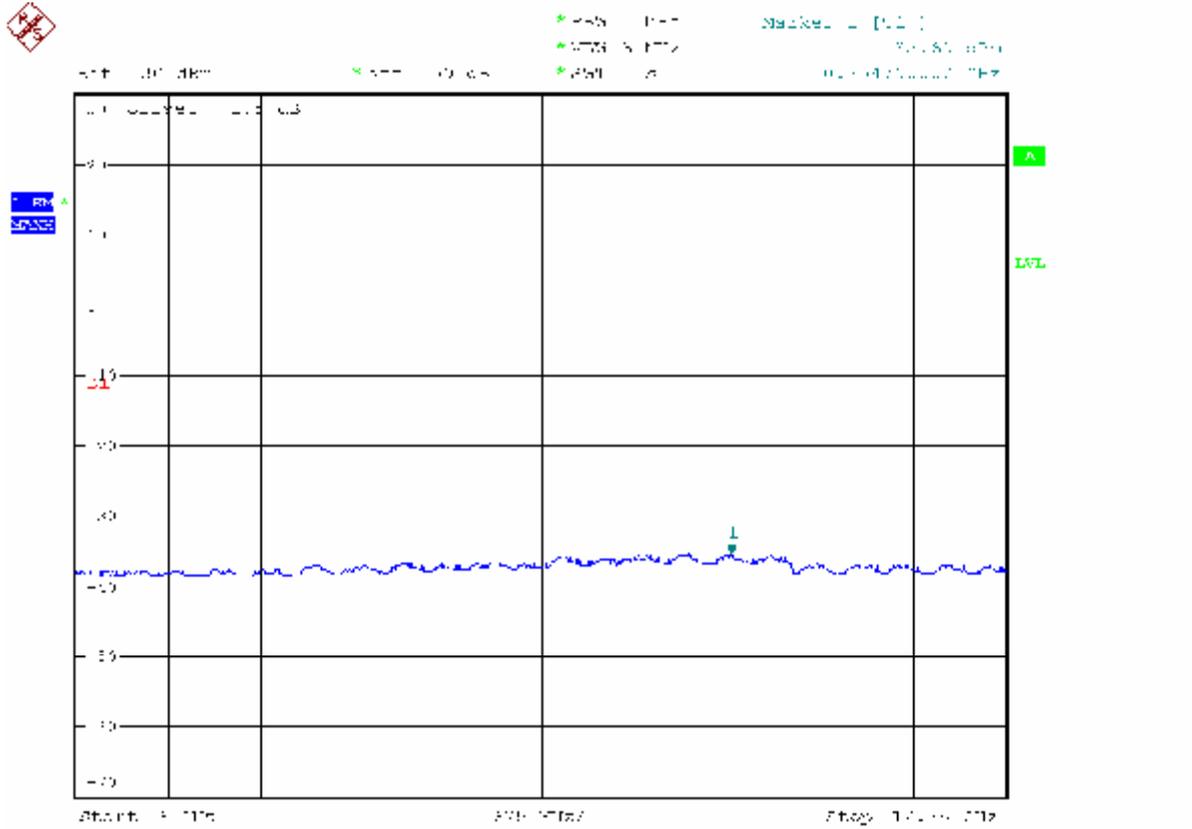


\* 456 1000  
\* 457 1000  
\* 458 1000

RM A  
SPICE

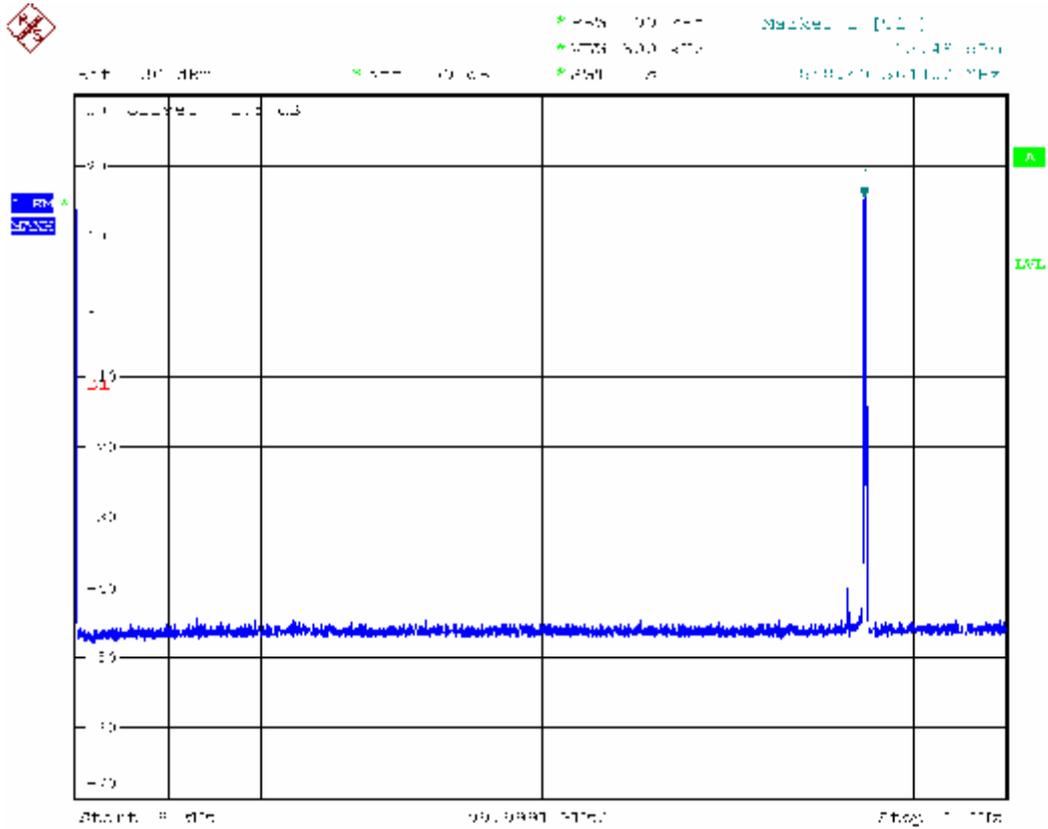


Device: 60052007 - 2010-06-21



Da: 06/06/2007 11:09:22

# Channel 777

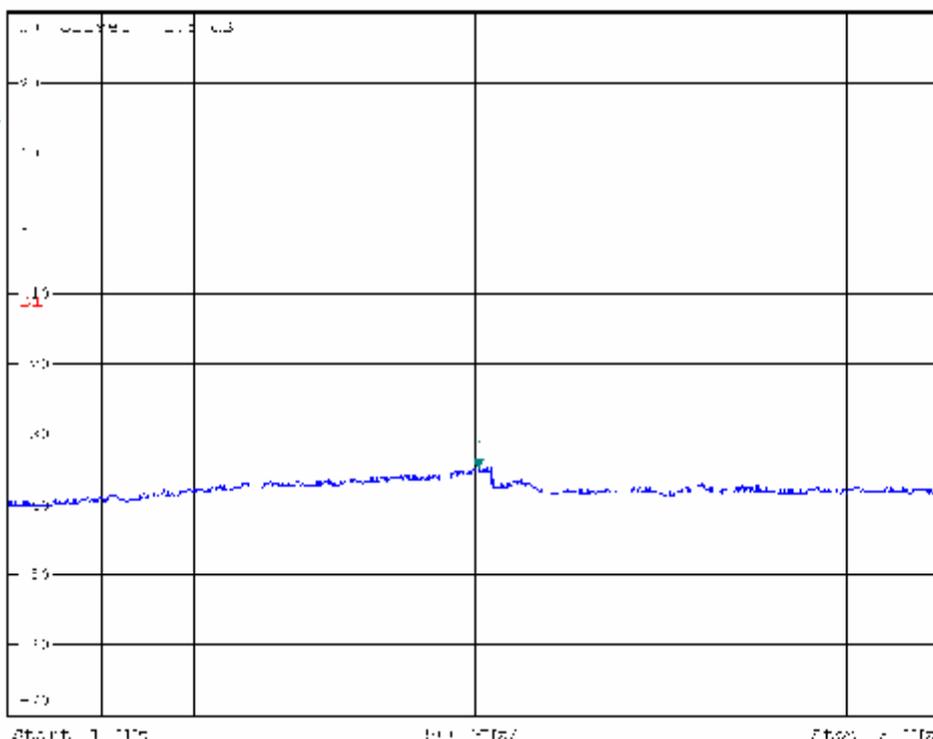


Scale: 0.00010000 0.00010000



\* 456 1000  
\* 457 1000  
\* 458 1000

SYB

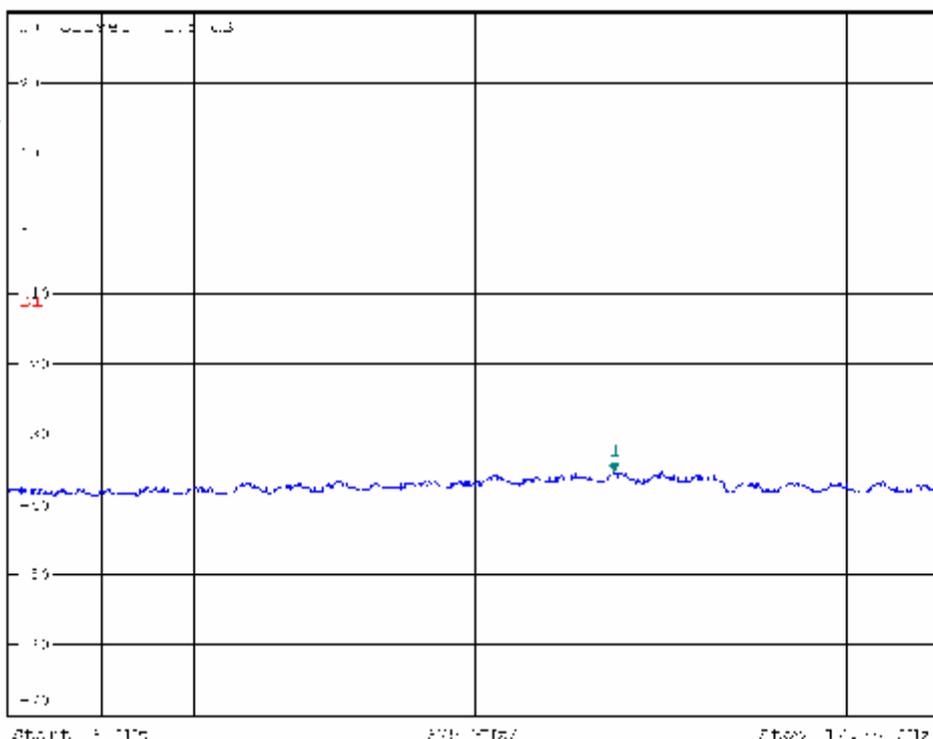


Device: 60052007 - 20080608



\* 456 1000  
\* 457 1000  
\* 458 1000

SYB



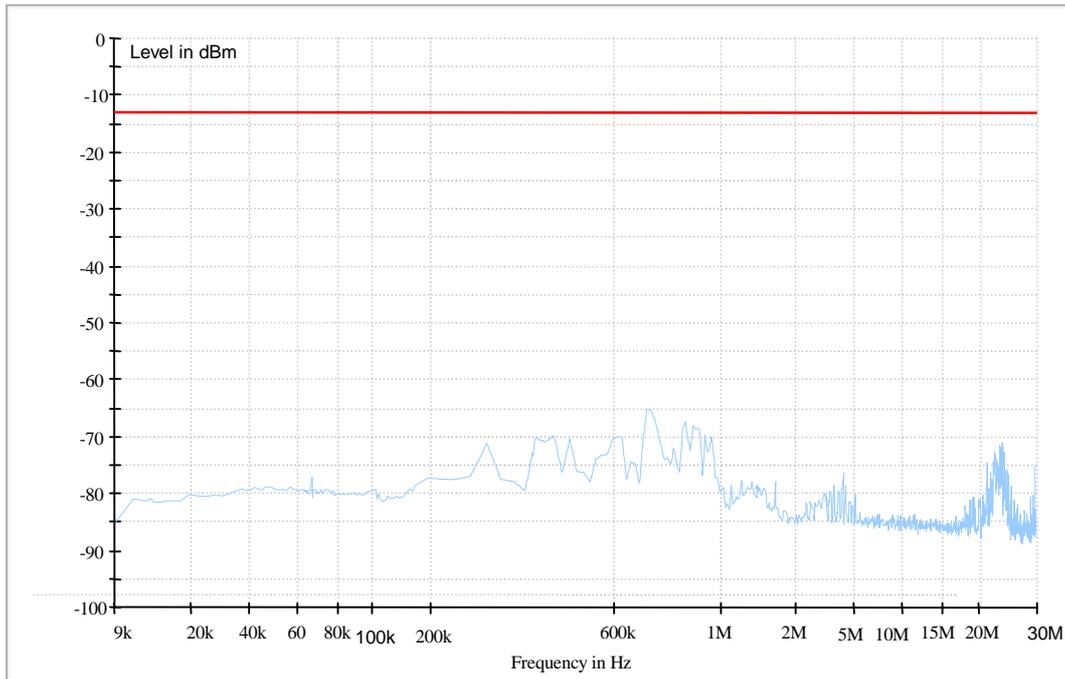
Daftar: 6.7001.2007 - 20109609



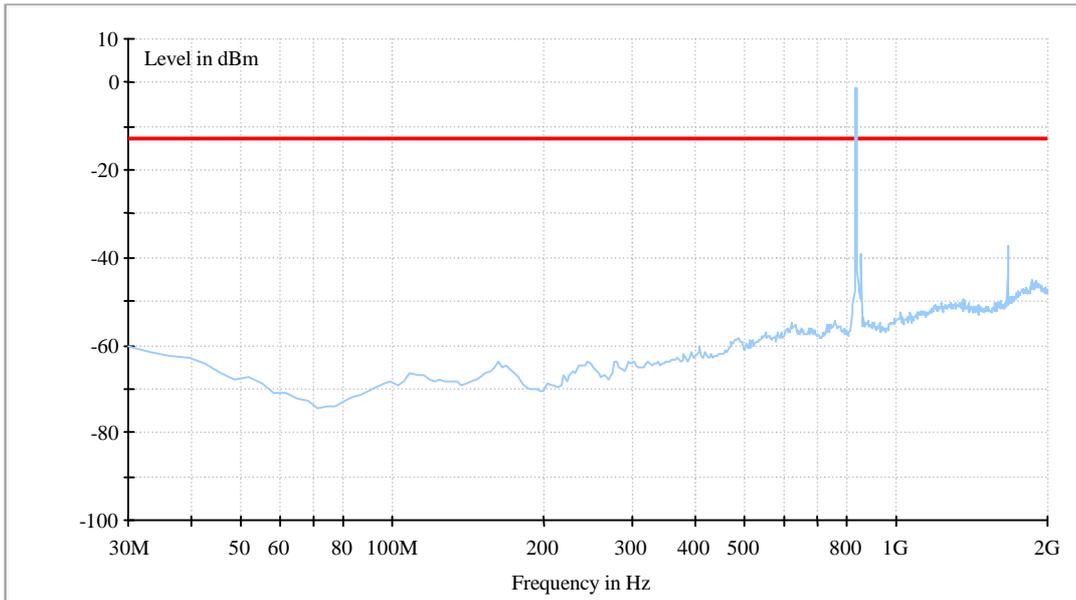
# Appendix E

## Radiated Spurious Emission According to FCC Part 2.1053 & 24.238

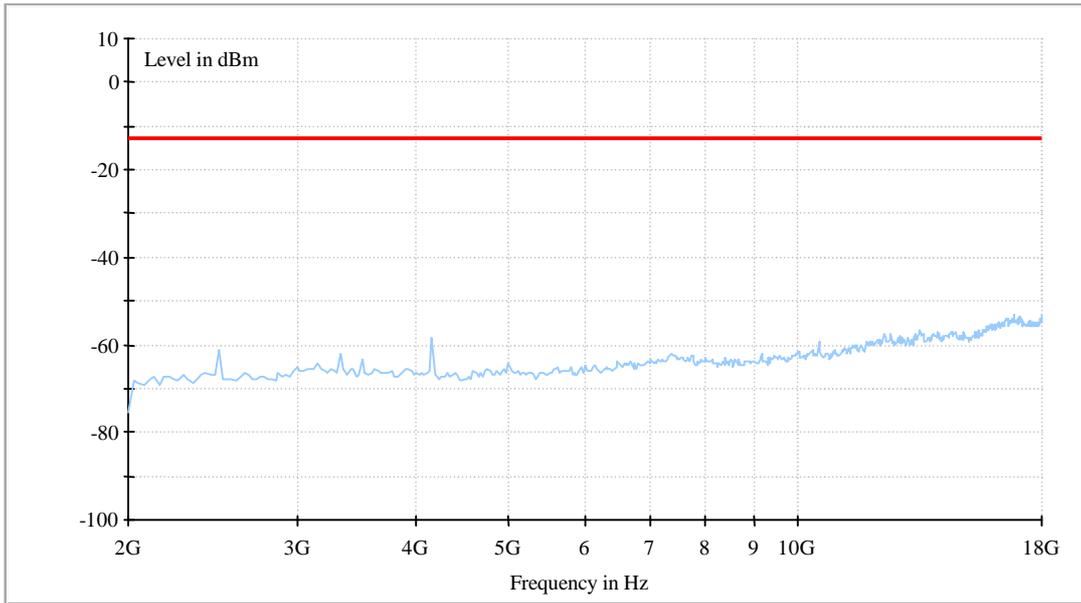
### Traffic Mode (9kHz-30MHz)



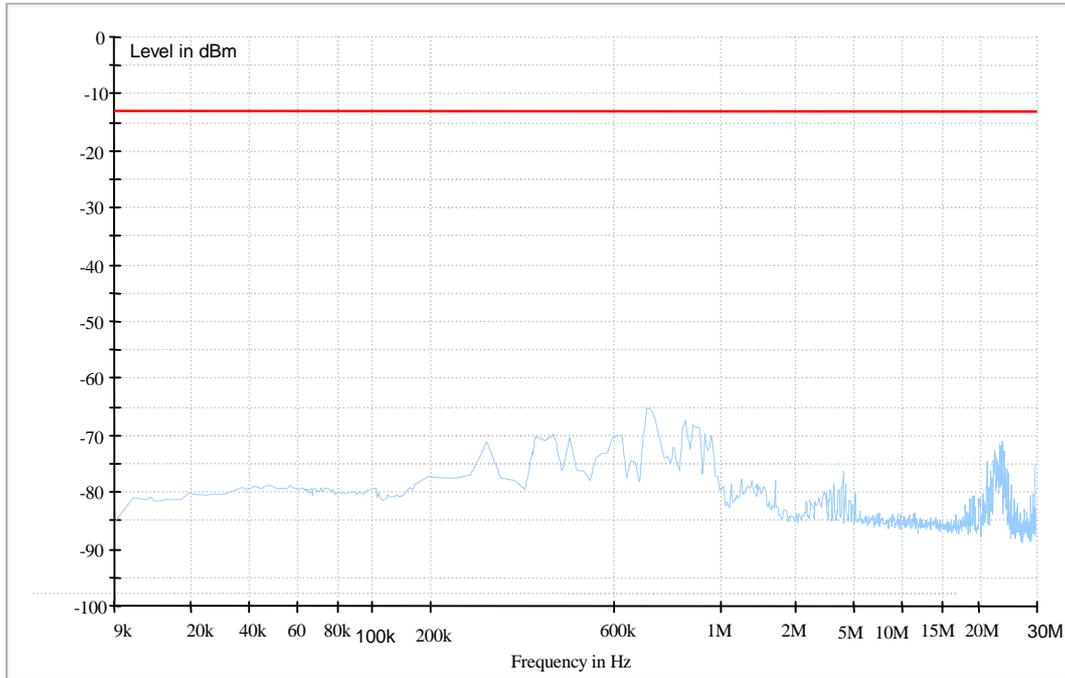
### Traffic Mode (30MHz-2GHz)



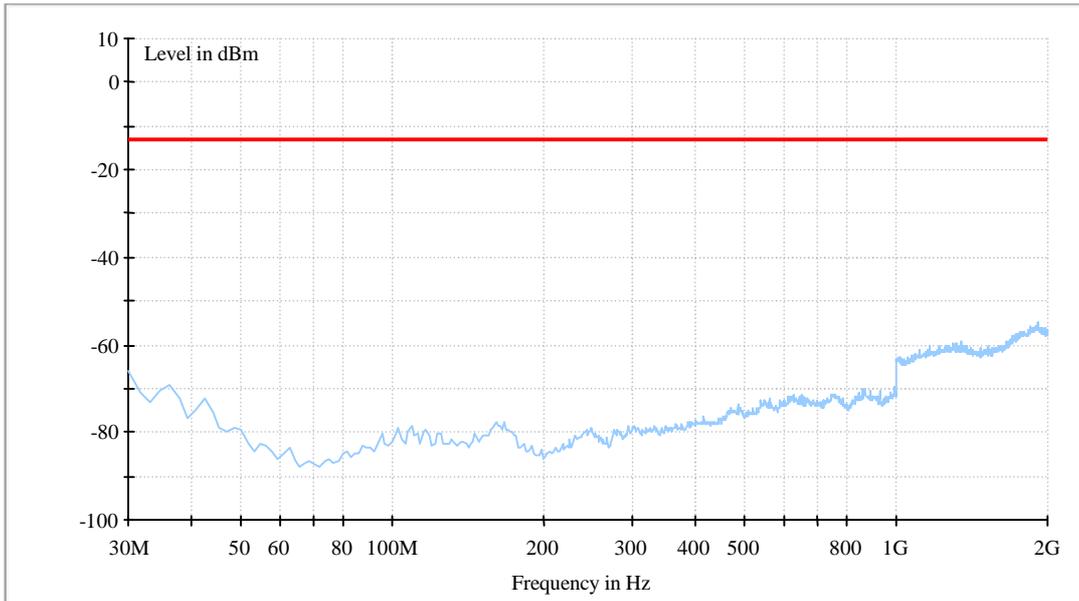
### Traffic Mode (2GHz-18GHz)



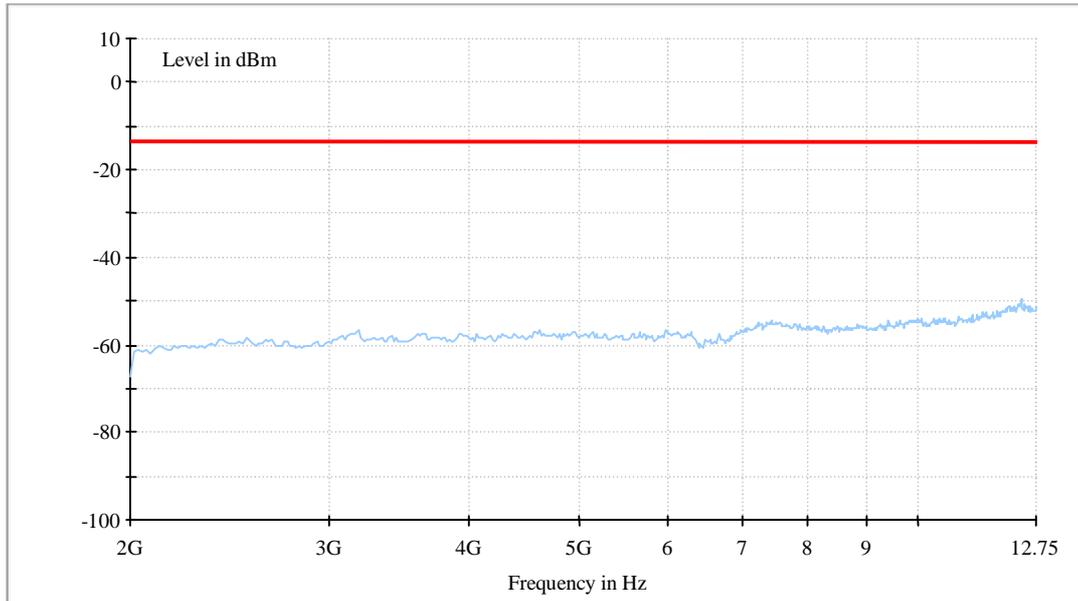
### IDLE Mode (9kHz-30MHz)



### IDLE Mode (30MHz-2GHz)



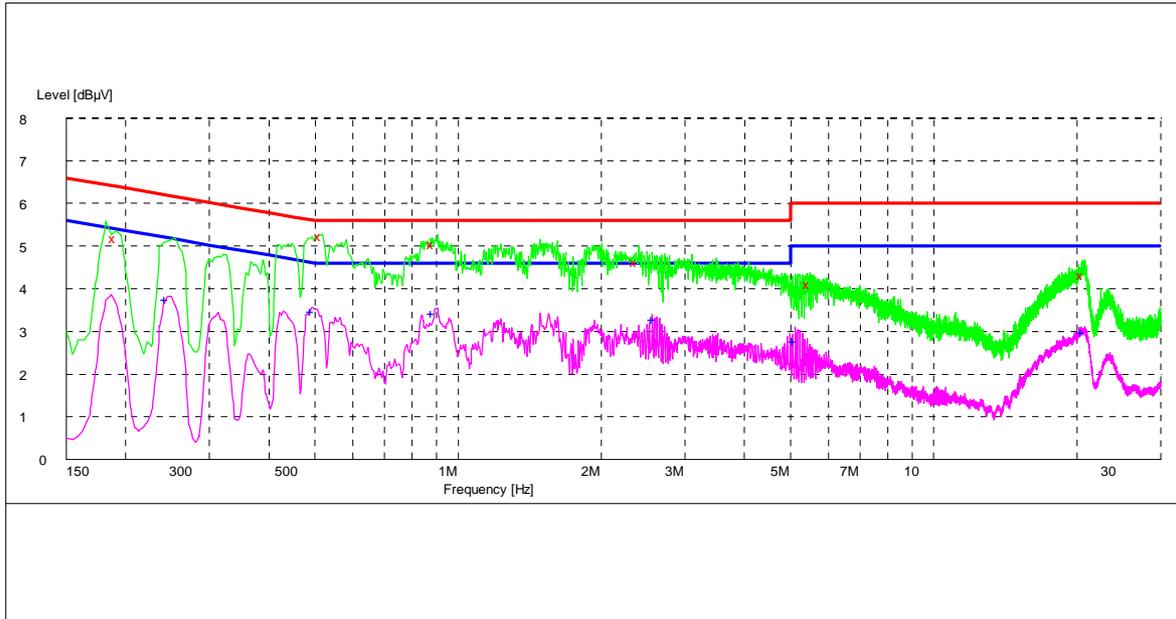
### IDLE Mode (2GHz-12.75GHz)





# Appendix F

## Conducted Emission at Power Port According to FCC Part 15.107



MEASUREMENT RESULT:QP DECTER

Frequency (MHz)	Level (dBµV)	Transd (dB)	Limit (dBµV)	Margin (dB)	Line	PE
0.190500	52.20	10.6	64	11.8	N	FLO
0.514500	52.50	10.0	56	3.5	L3	FLO
0.888000	50.60	9.9	56	11.4	L3	FLO
2.373000	46.50	10.1	56	9.5	L3	FLO
5.482500	41.30	10.2	60	18.7	L3	FLO
20.598000	43.30	13.5	60	16.7	N	FLO

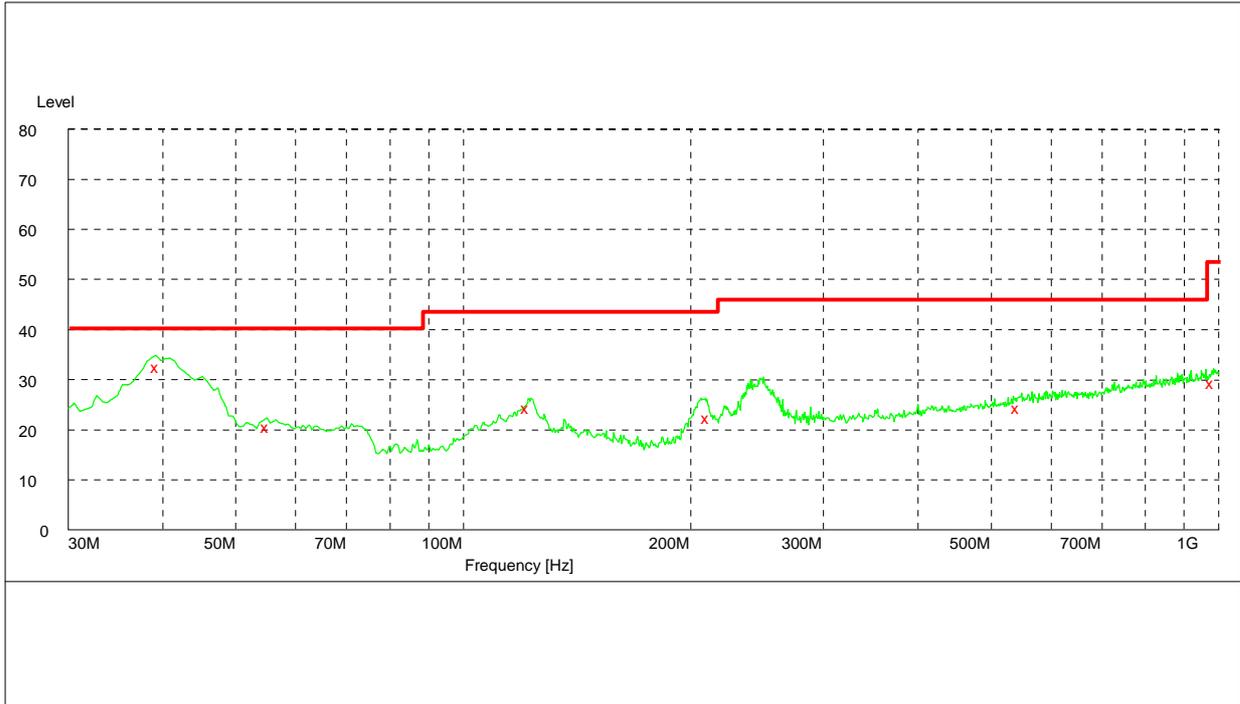
MEASUREMENT RESULT:AV DECTER

Frequency (MHz)	Level (dBµV)	Transd (dB)	Limit (dBµV)	Margin (dB)	Line	PE
0.244500	37.70	10.4	52	14.3	L3	FLO
0.496500	35.10	10.0	46	10.9	L3	FLO
0.888000	34.40	9.9	46	11.6	L3	FLO
2.589000	33.00	10.1	46	13.0	L3	FLO
5.122500	28.00	10.1	50	22.0	L3	FLO
20.683500	30.00	13.5	50	20.0	L3	FLO

## Appendix G

# Radiated Emission of Enclosure in Idle Mode

According to 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
39.480000	32.70	-9.3	40.0	7.3	100.0	294.00	VERTICAL
55.200000	20.80	-15.5	40.0	19.2	100.0	111.00	VERTICAL
121.920000	24.70	-9.6	43.5	18.8	100.0	4.00	VERTICAL
211.080000	22.50	-11.7	46.0	19.6	140.0	290.00	HORIZONTAL
543.900000	24.60	-1.9	46.0	21.4	166.0	168.00	HORIZONTAL
983.820000	29.50	2.4	54.0	24.5	200.0	342.00	HORIZONTAL



---

# Appendix H

## Photos of Test Setup

# 1 Radiated Emissions



Radiated Disturbance

## 2 Radiated Spurious Emissions



Radiated Spurious Emission (below 2GHz)



Radiated Spurious Emission (above 2GHz)

### 3 Conducted Emissions



Conducted Emissions for AC Ports