

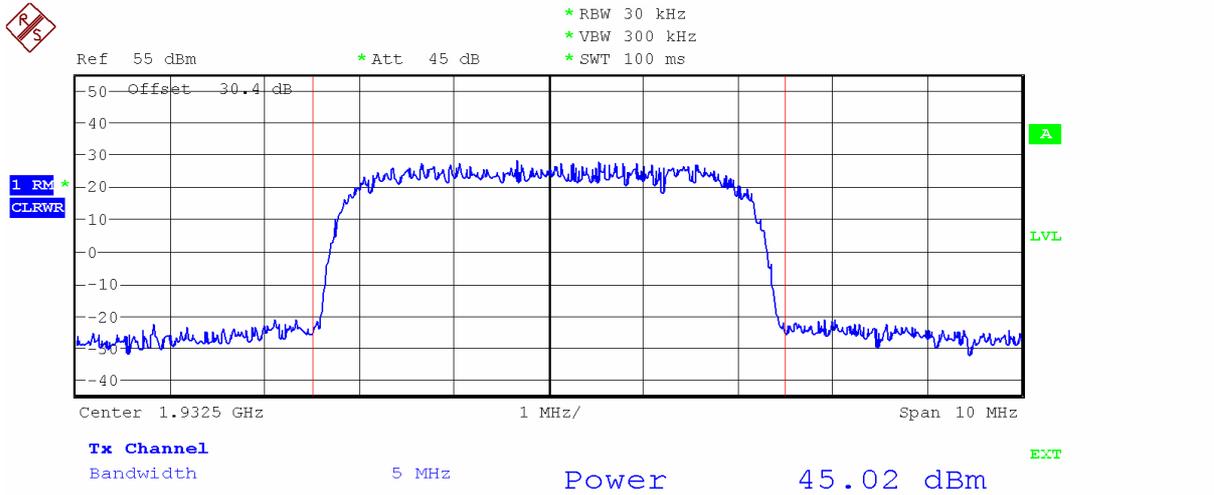
## Appendix A

# Channel Power Measurement

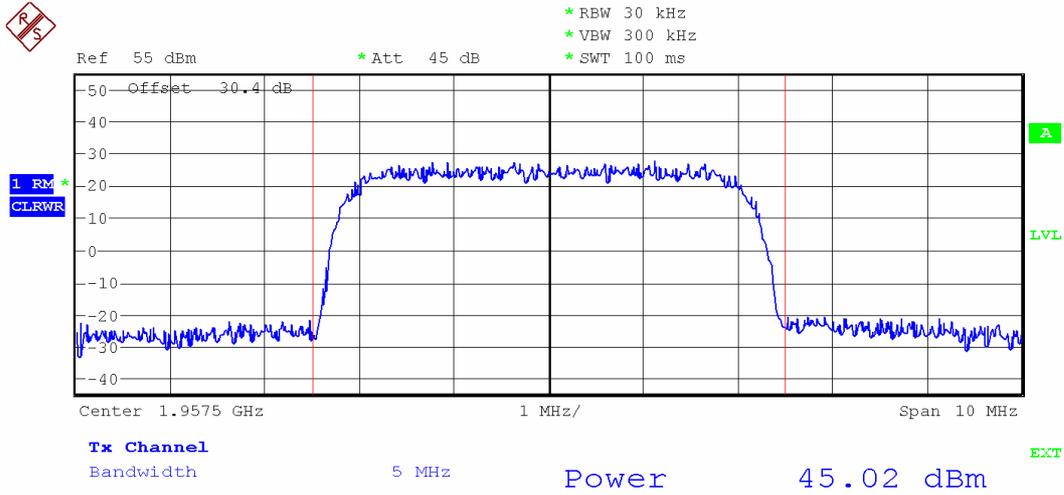
According to CFR 47 (FCC) part 2.1046

Single Carrier

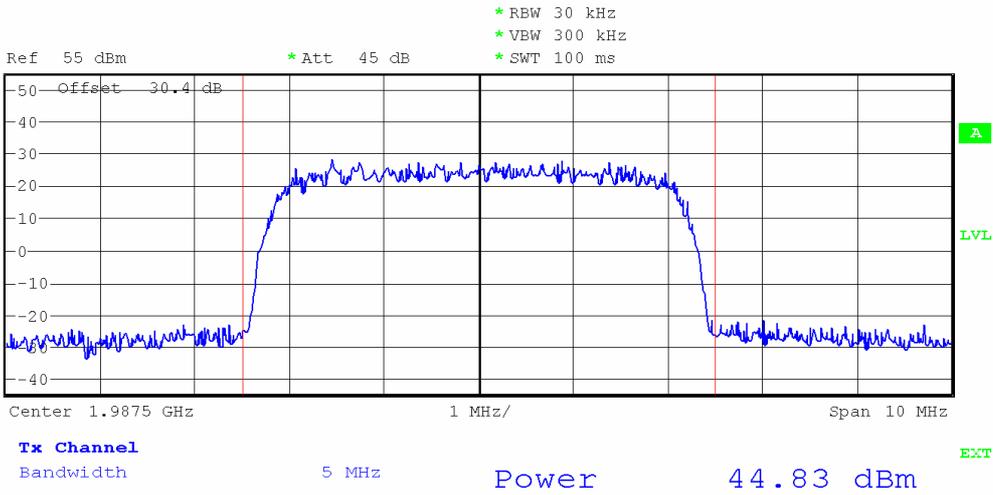
# Channel 412 TM1



# Channel 537 TM1

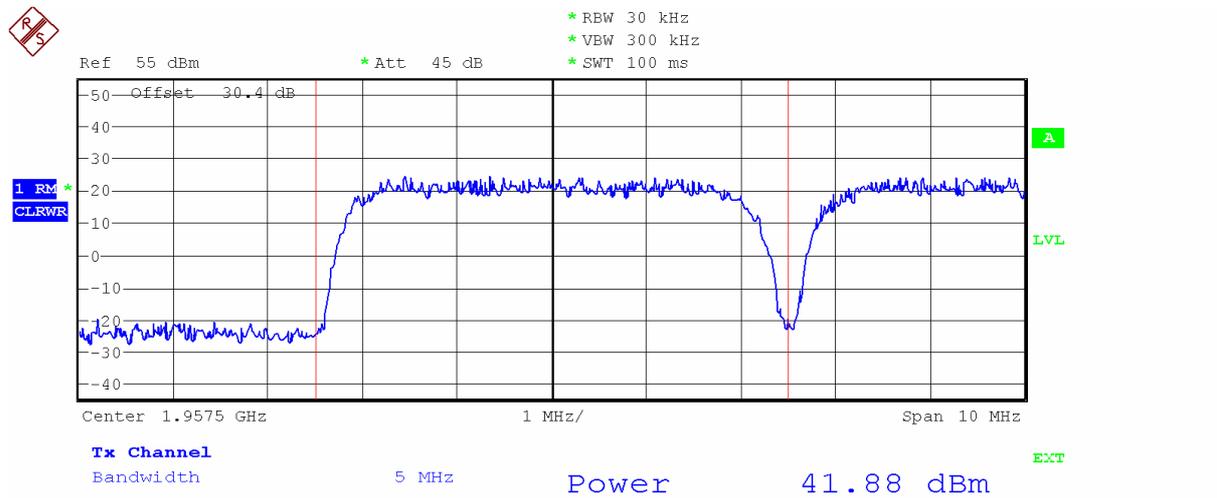


# Channel 687 TM1

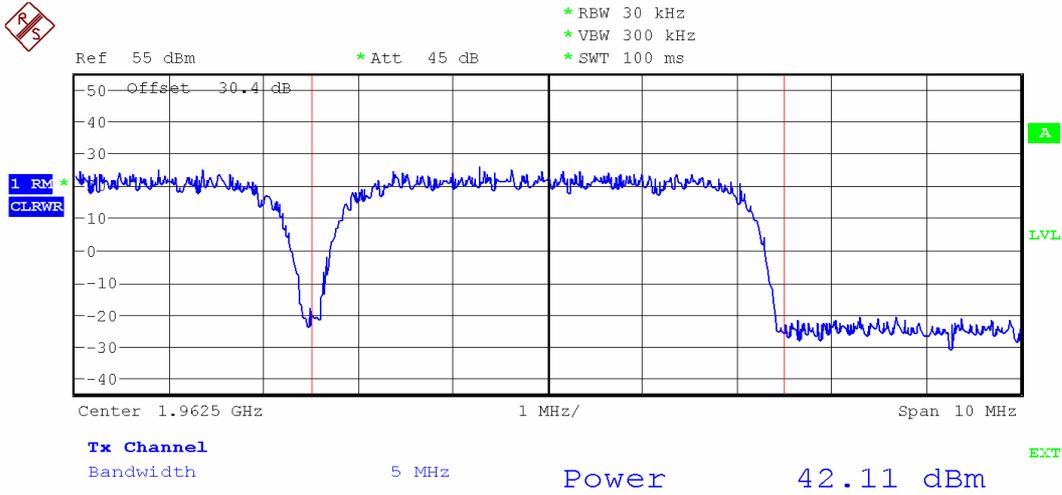


Double Carriers

Channel 537/Channel 562  
TM5



# Channel 537/Channel 562 TM5



# Channel 537/Channel 562 TM5



## Appendix B

# Modulation Characteristic Measurement

According to CFR 47 (FCC) part 2.1047

Single Carrier

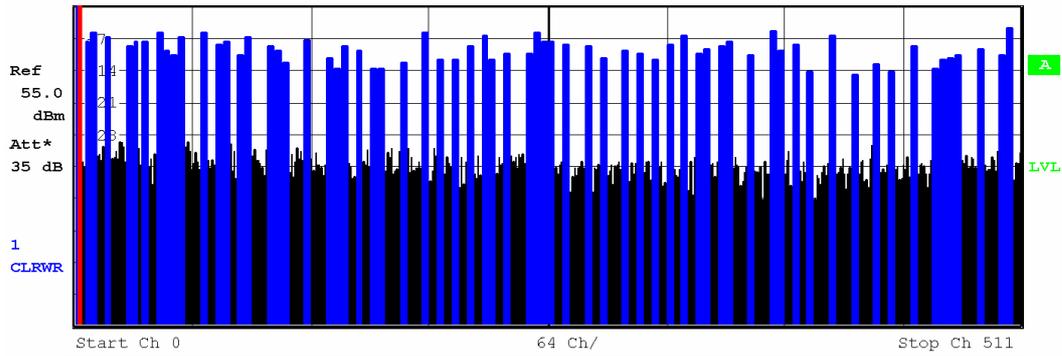
# Channel 537 TM1



Code Power Relative

SR 15 kbps  
Chan Code 1  
Chan Slot 0

CF 1.9575 GHz CPICH Slot 0 Chan Slot 0

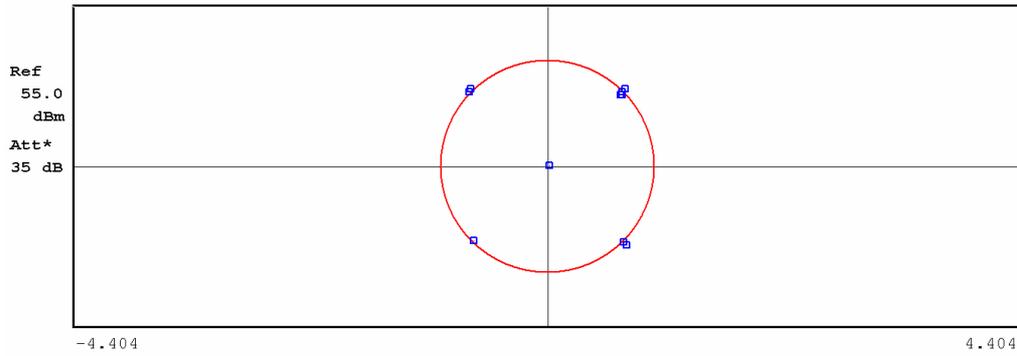


Symbol Constellation

SR 15 kbps  
Chan Code 1  
Chan Slot 0

EXT

CF 1.9575 GHz CPICH Slot 0 Chan Slot 0



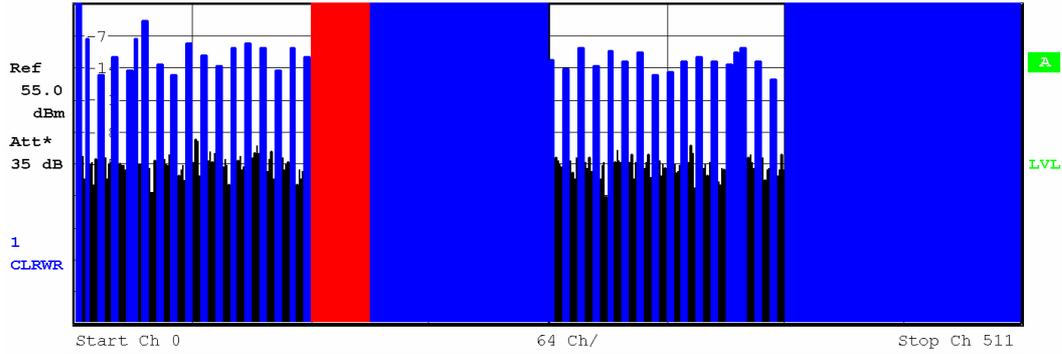
# Channel 537 TM5



Code Power Relative

SR 240 ksps  
Chan Code 4  
Chan Slot 0

CF 1.9575 GHz CPICH Slot 0 Chan Slot 0



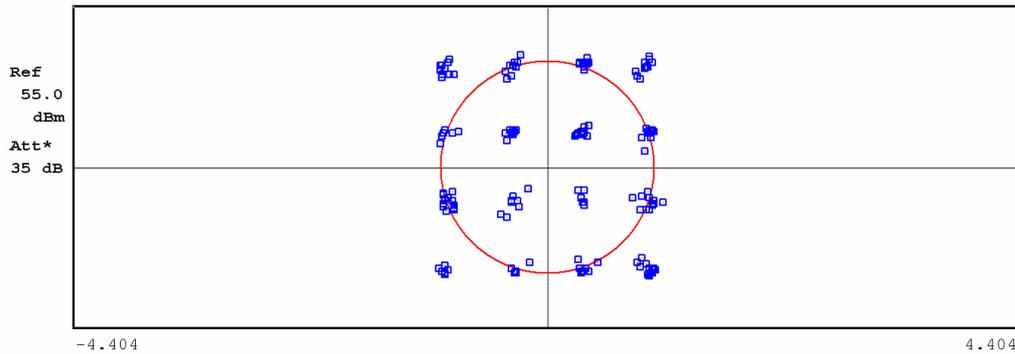
Start Ch 0 64 Ch/ Stop Ch 511

Symbol Constellation

SR 240 ksps  
Chan Code 4  
Chan Slot 0

EXT

CF 1.9575 GHz CPICH Slot 0 Chan Slot 0



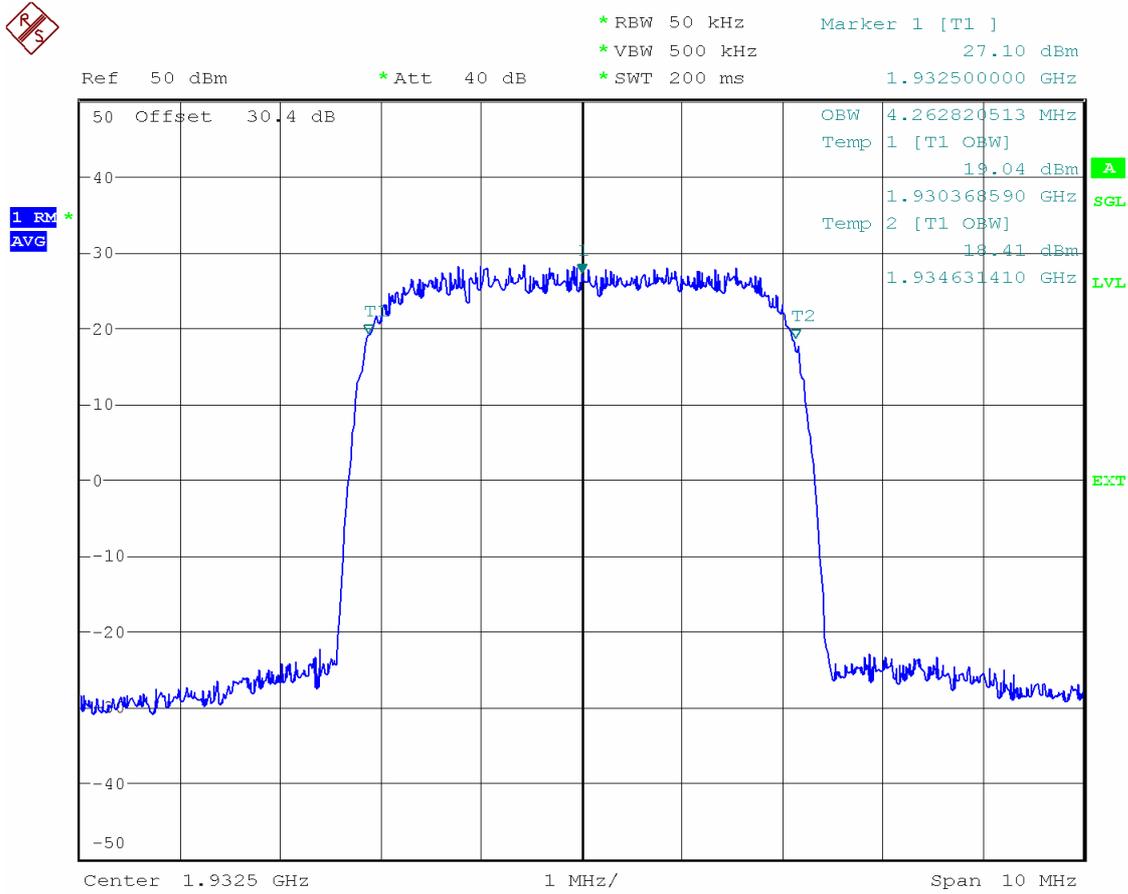
## Appendix C

# Occupied Bandwidth Measurement

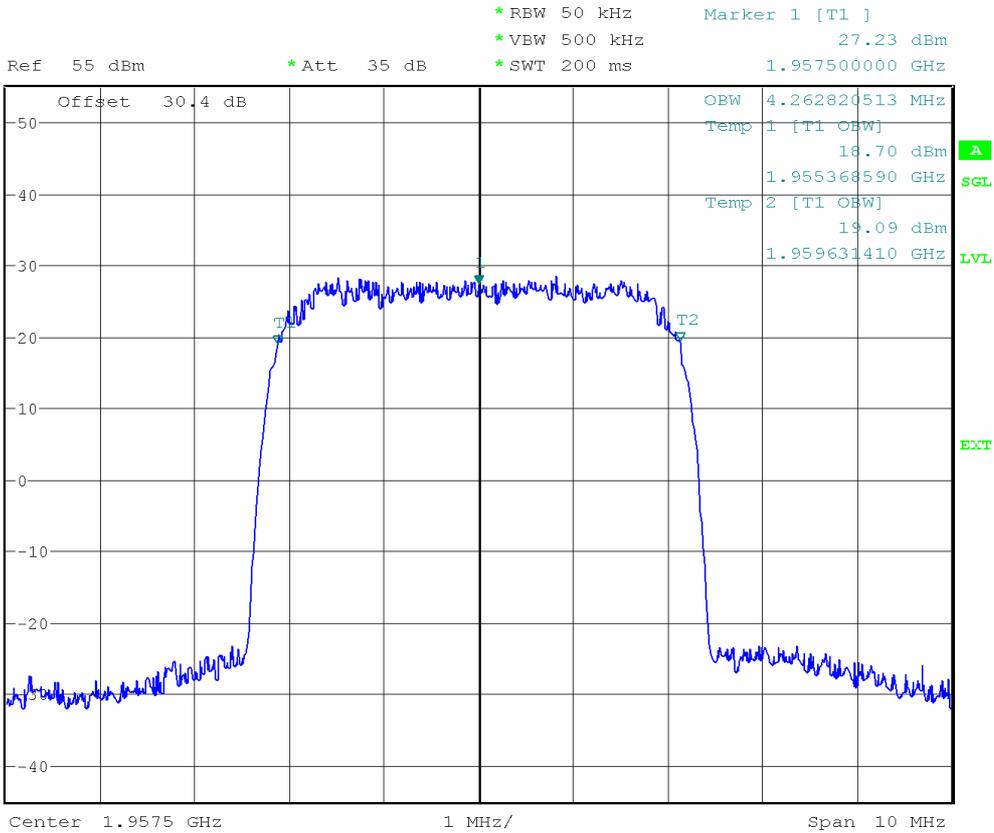
According to CFR 47 (FCC) part 2.1049

Single carrier

# Channel 412 TM1



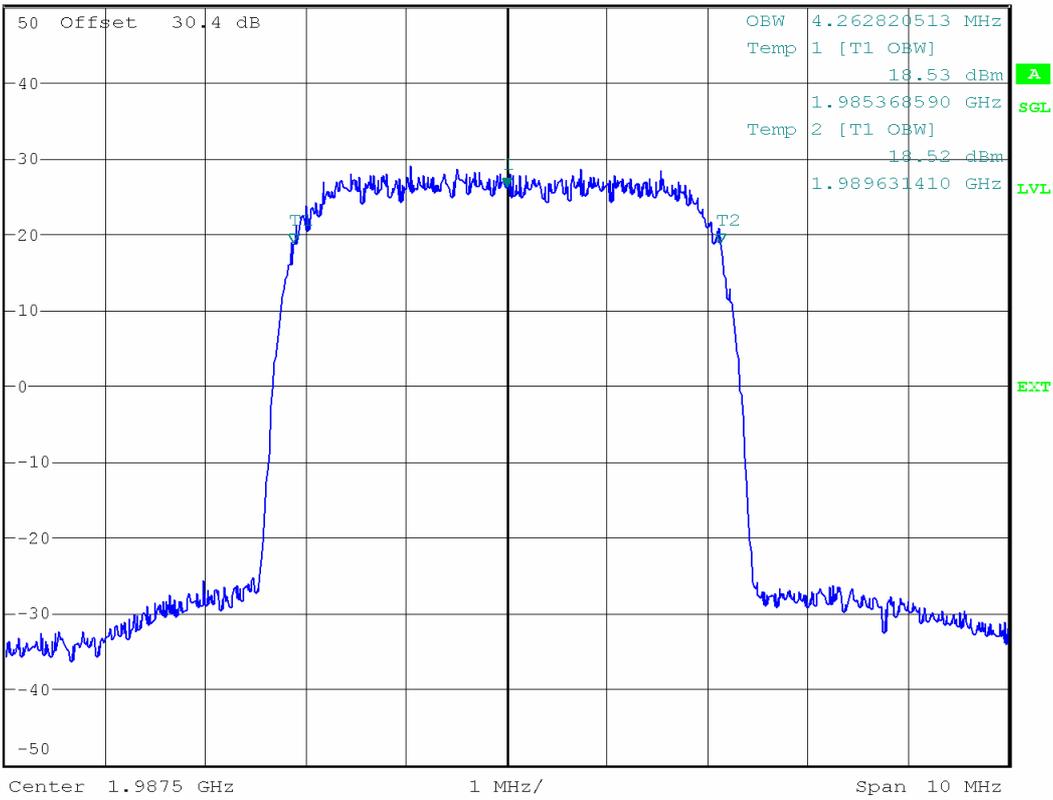
# Channel 537 TM1



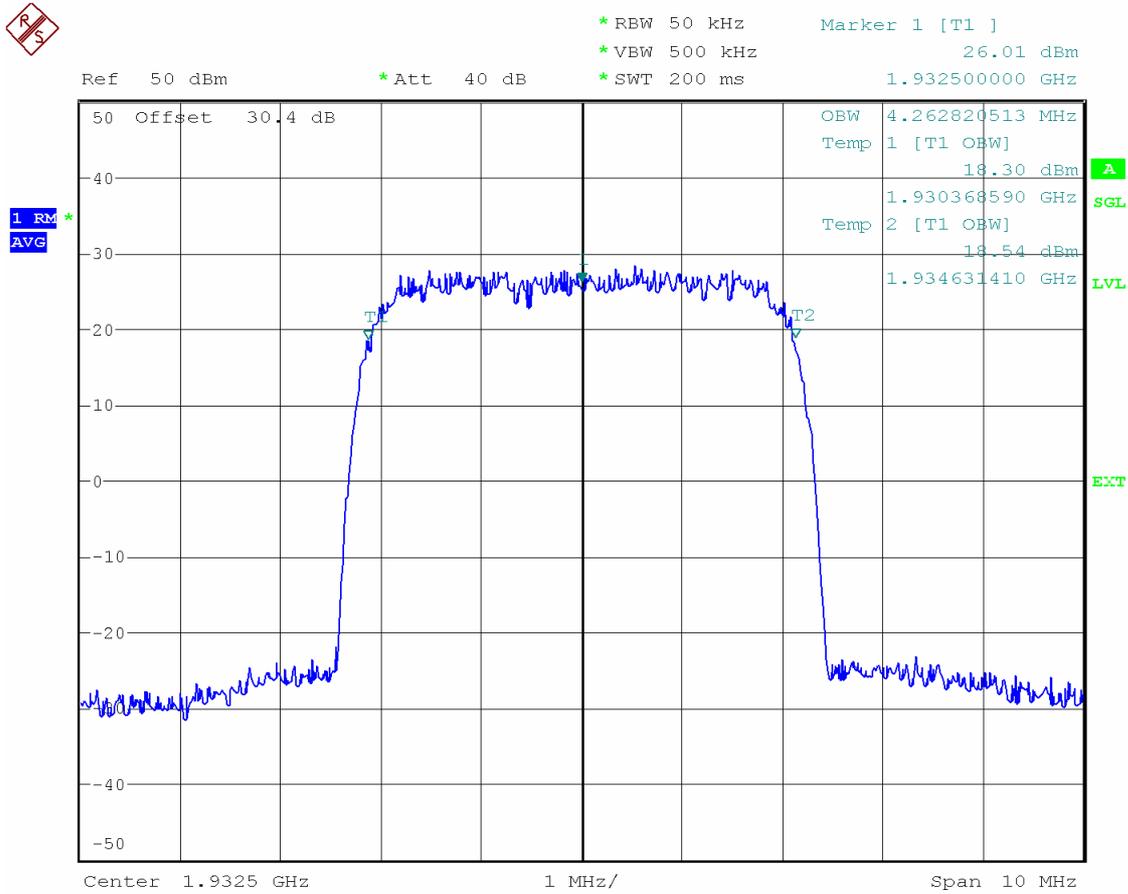
# Channel 687 TM1



\*RBW 50 kHz      Marker 1 [T1 ]  
 \*VBW 500 kHz      26.01 dBm  
 \*SWT 200 ms      1.987500000 GHz  
 Ref 50 dBm      \*Att 30 dB



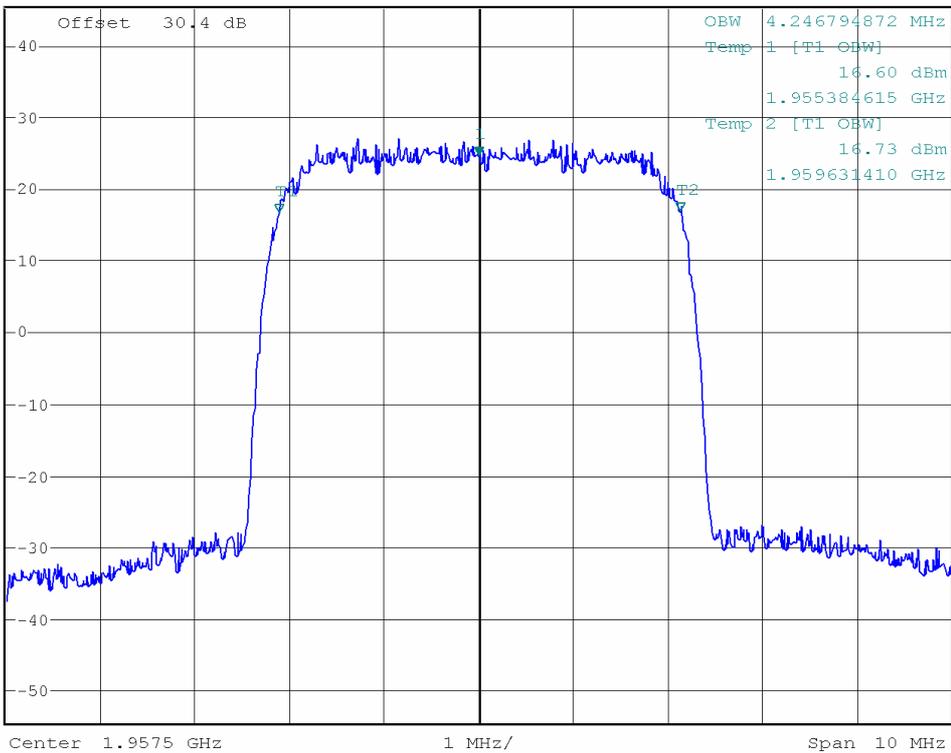
# Channel 412 TM5



# Channel 537 TM5



Ref 45.4 dBm      \*Att 35 dB      \*RBW 50 kHz      Marker 1 [T1]      24.50 dBm  
\*VBW 500 kHz      1.957500000 GHz  
\*SWT 200 ms



DIR

Date: 21.JAN.2006 14:41:44



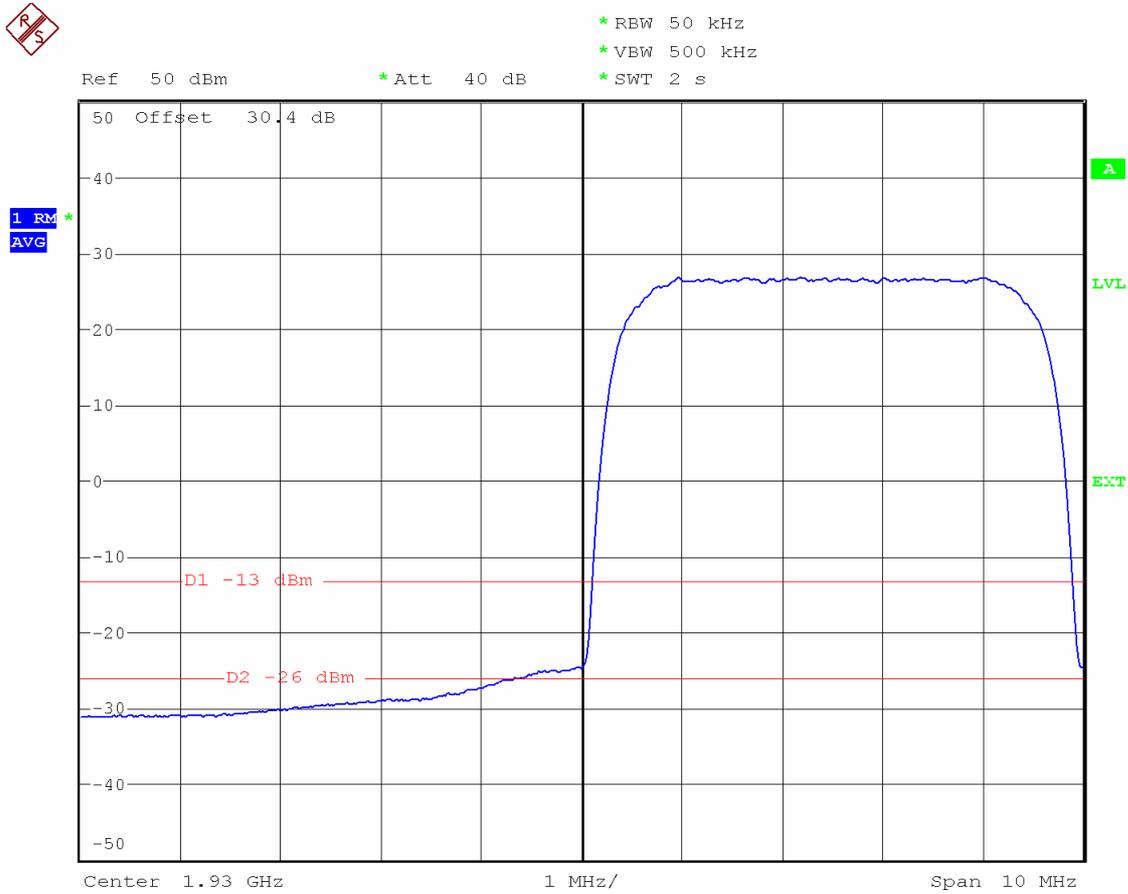
## Appendix D

# Band Edge Measurements

According to CFR 47 (FCC) part 2.1051

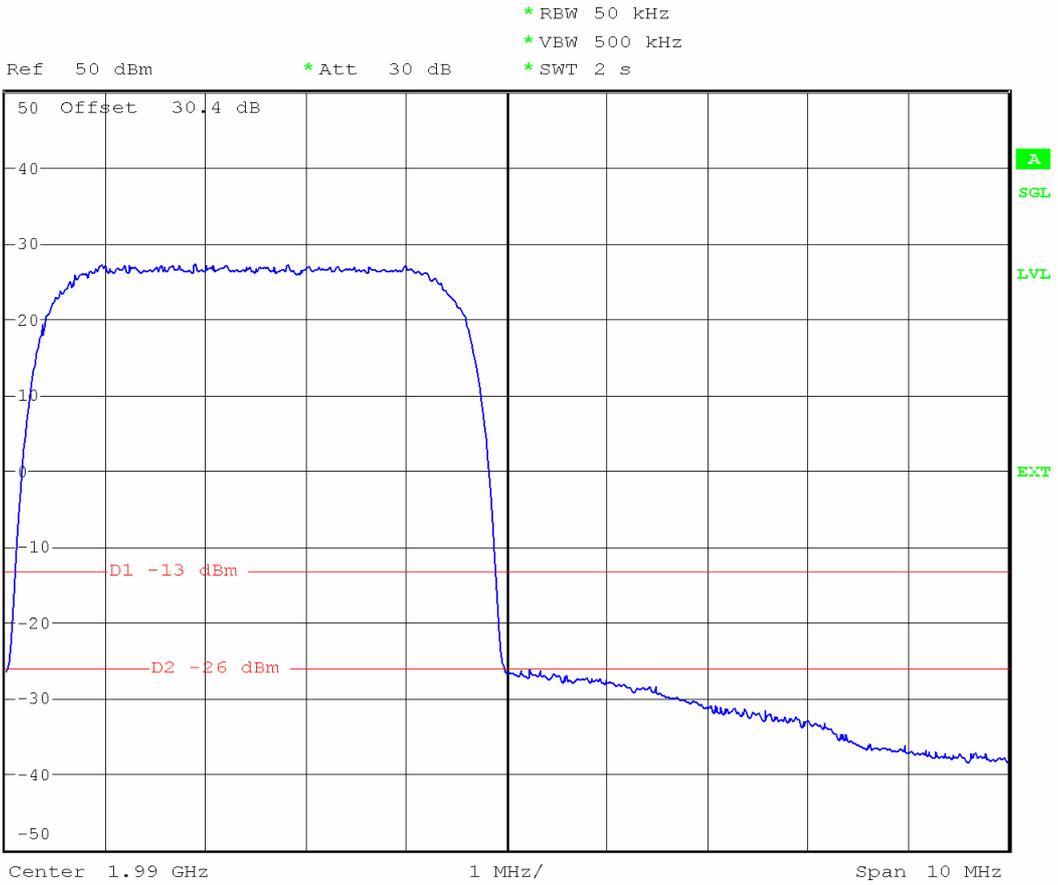
# Measurement Result at Band Edge Test Record for Single Carrier

## Channel 412 TM1





# Channel 687 TM1



# Channel 687 TM1

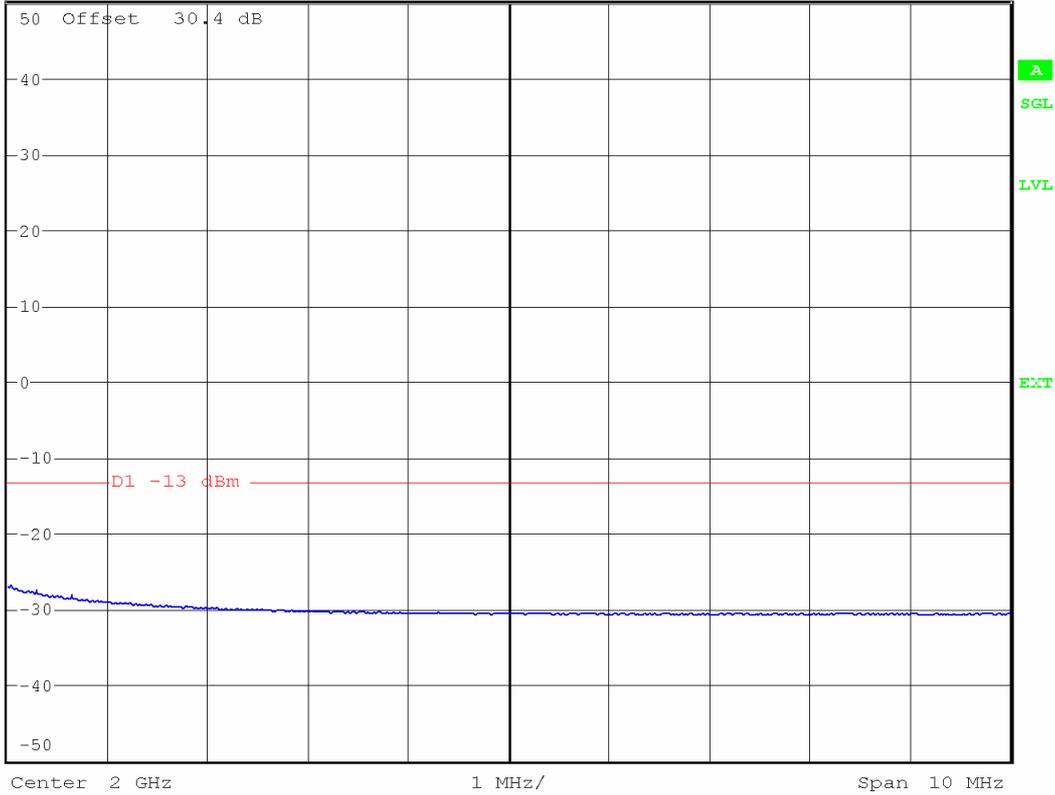


\* RBW 1 MHz  
\* VBW 10 MHz  
\* SWT 2 s

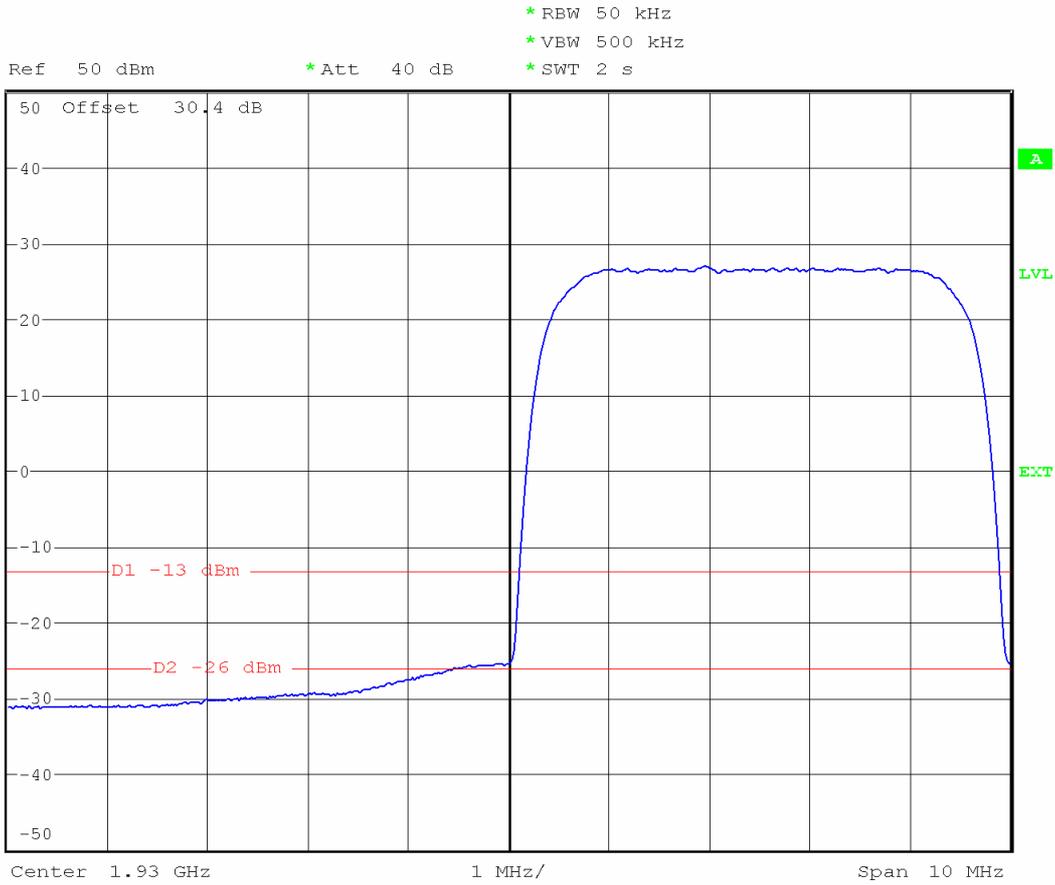
Ref 50 dBm

\* Att 30 dB

1. RM\*  
CLRWR



# Channel 412 TM5



# Channel 412 TM5

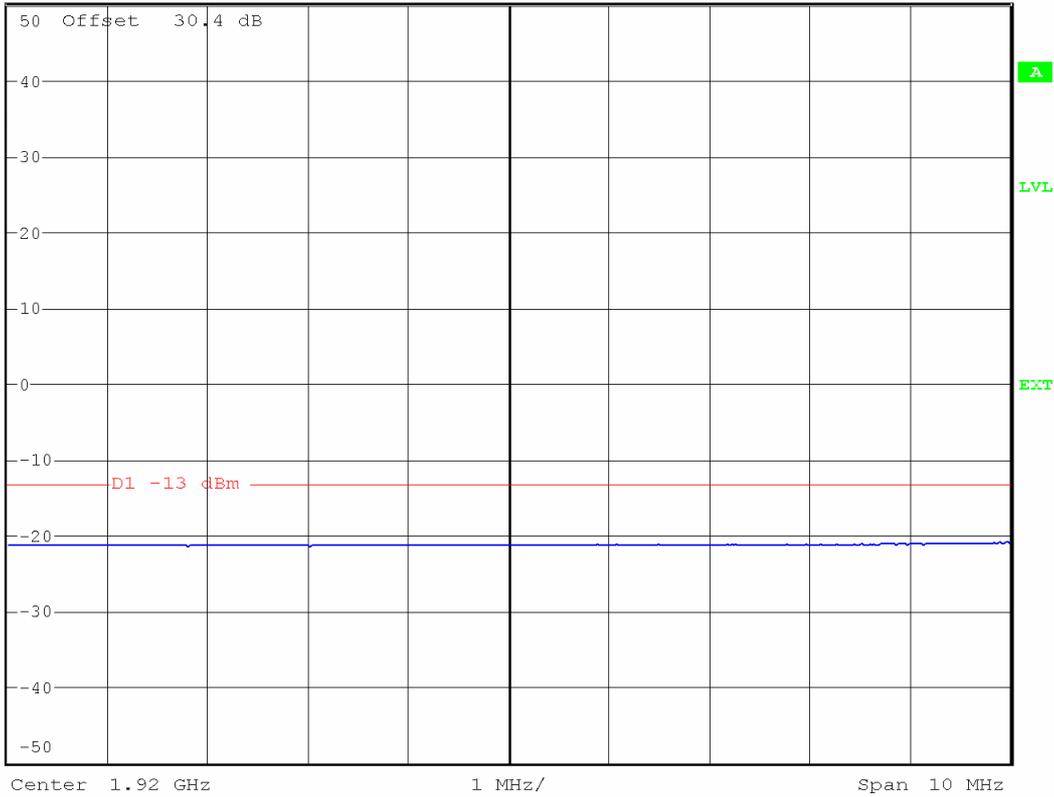


\* RBW 1 MHz  
\* VBW 10 MHz  
\* SWT 2 s

Ref 50 dBm

\* Att 40 dB

1. RM\*  
AVG



# Channel 687 TM5

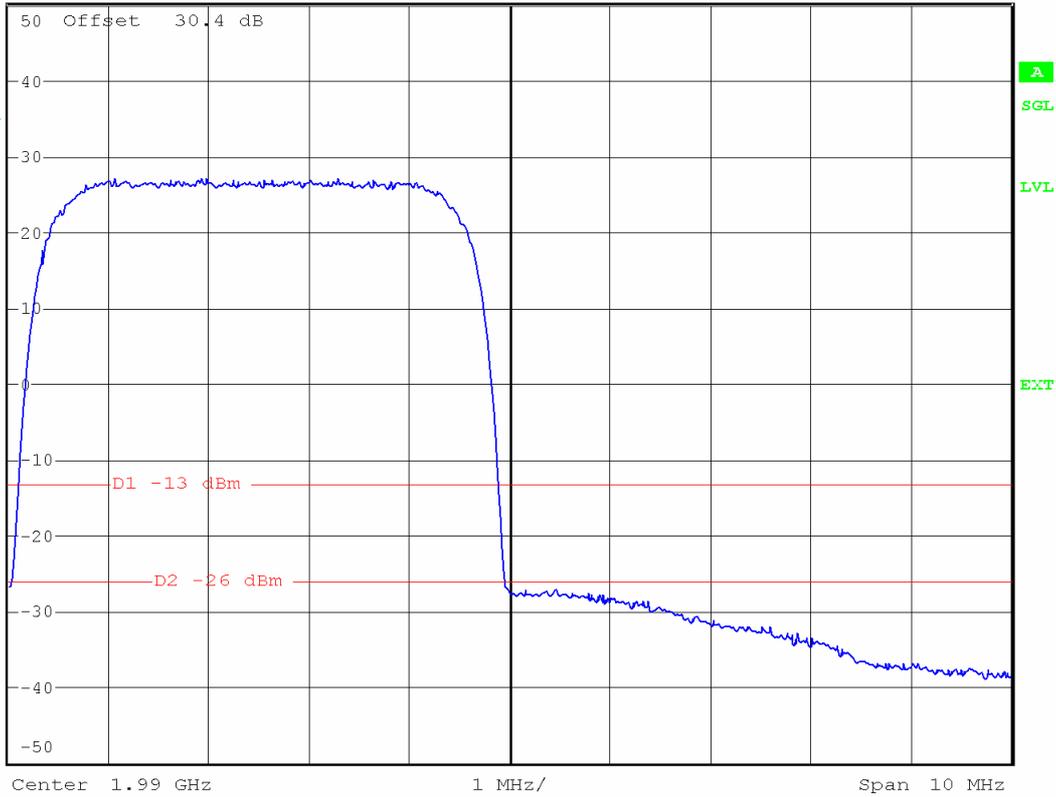


\* RBW 50 kHz  
\* VBW 500 kHz  
\* SWT 2 s

Ref 50 dBm

\* Att 30 dB

1. RM\*  
CLRWR



# Channel 687 TM5

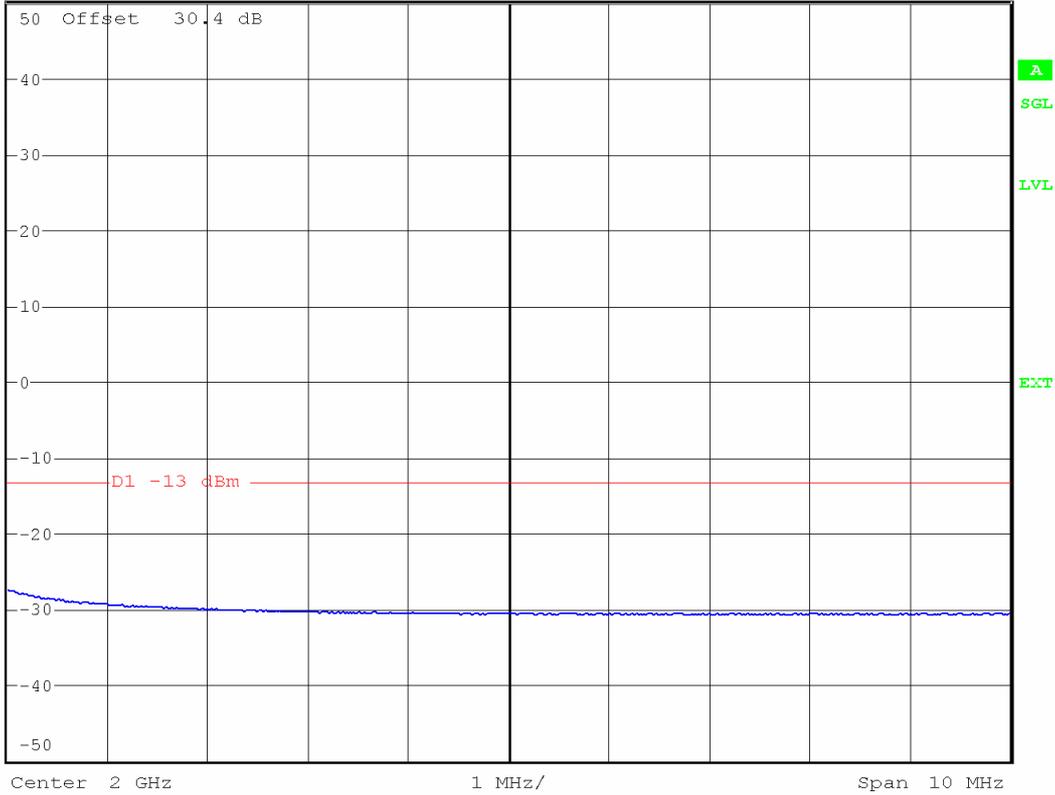


\* RBW 1 MHz  
\* VBW 10 MHz  
\* SWT 2 s

Ref 50 dBm

\* Att 30 dB

1. RM\*  
CLRWR

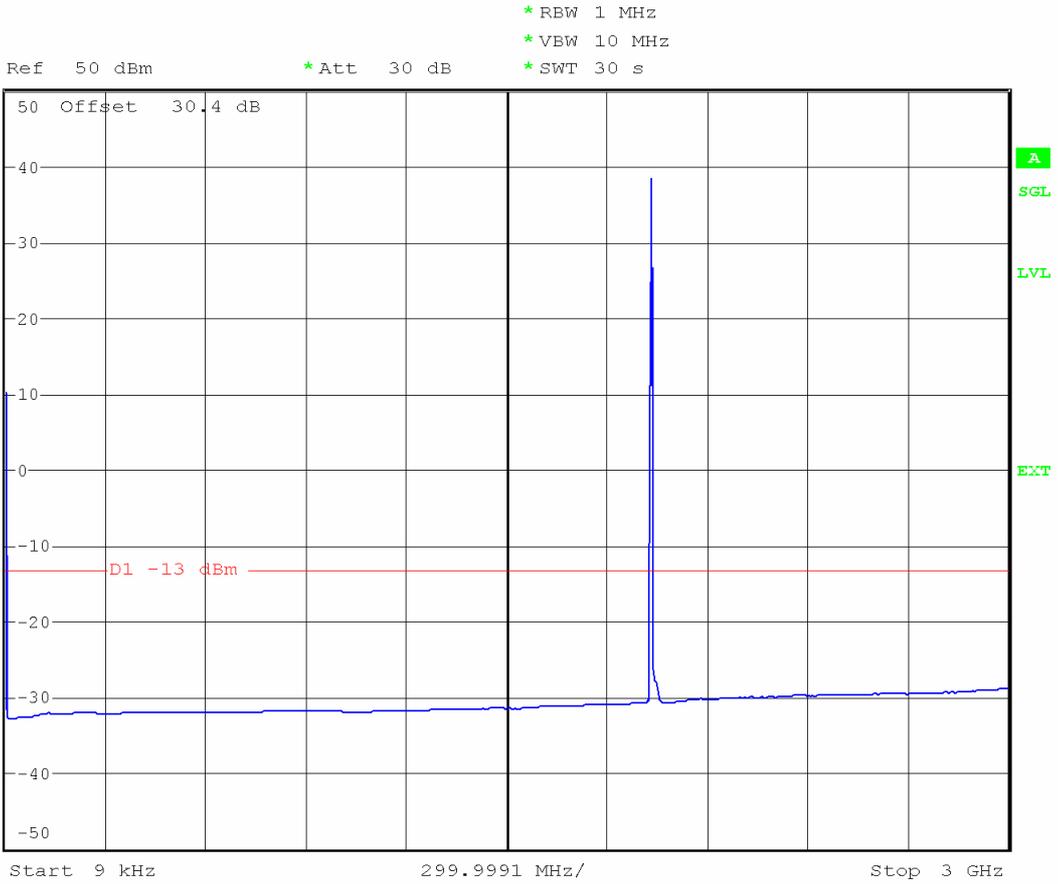


## Appendix E

# Conducted Spurious Emission Measurements

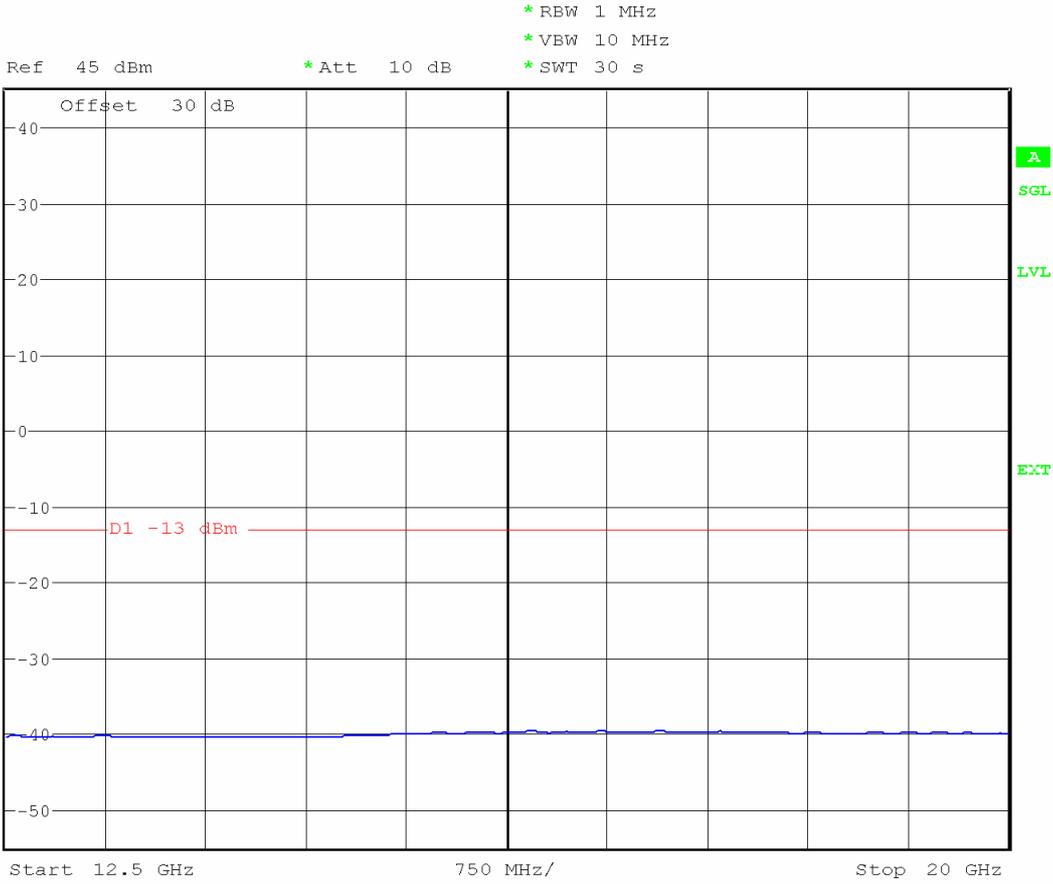
According to CFR 47 (FCC) part 2.1046

# Single Carrier Channel 412 TM1

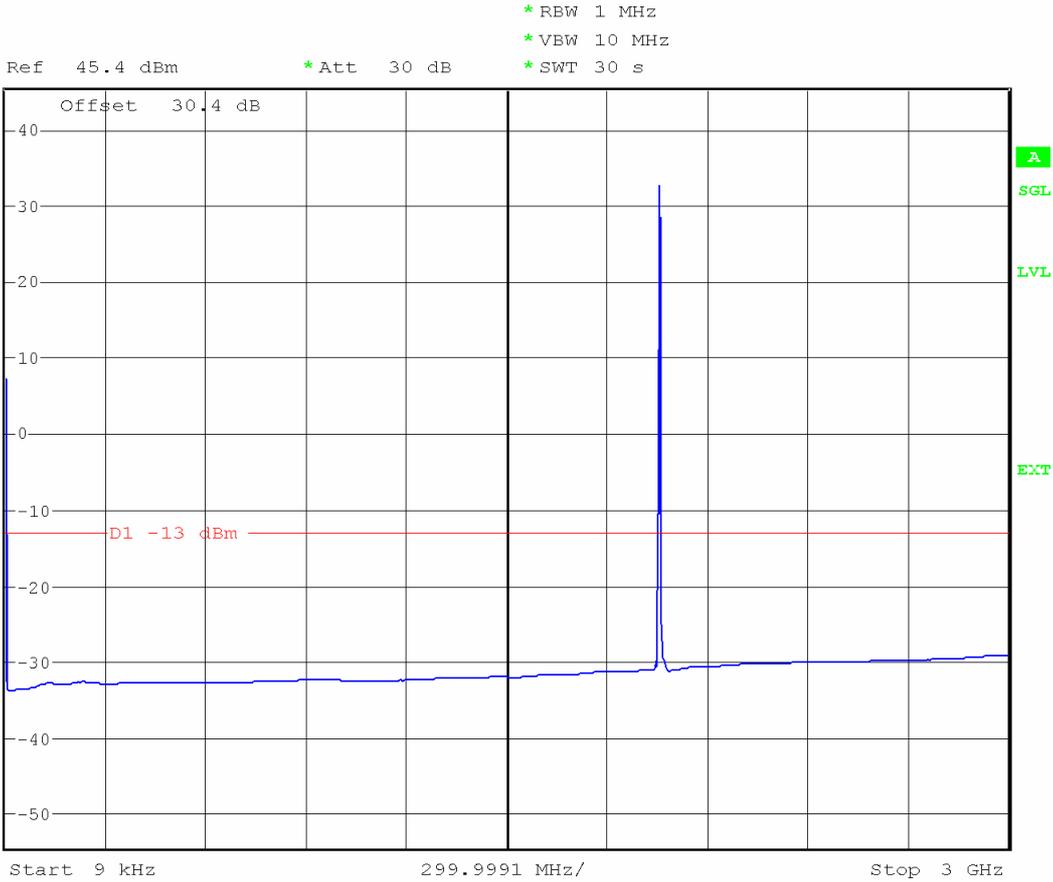




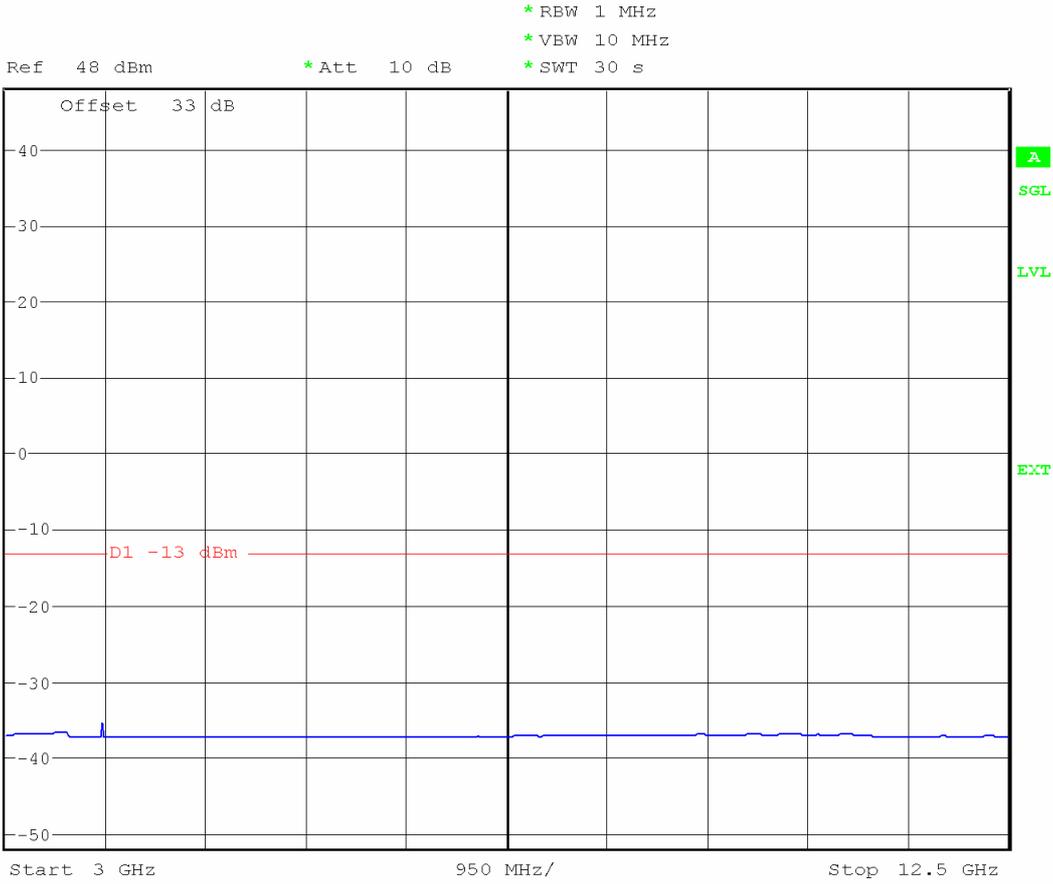
# Channel 412 TM1



# Channel 537 TM1

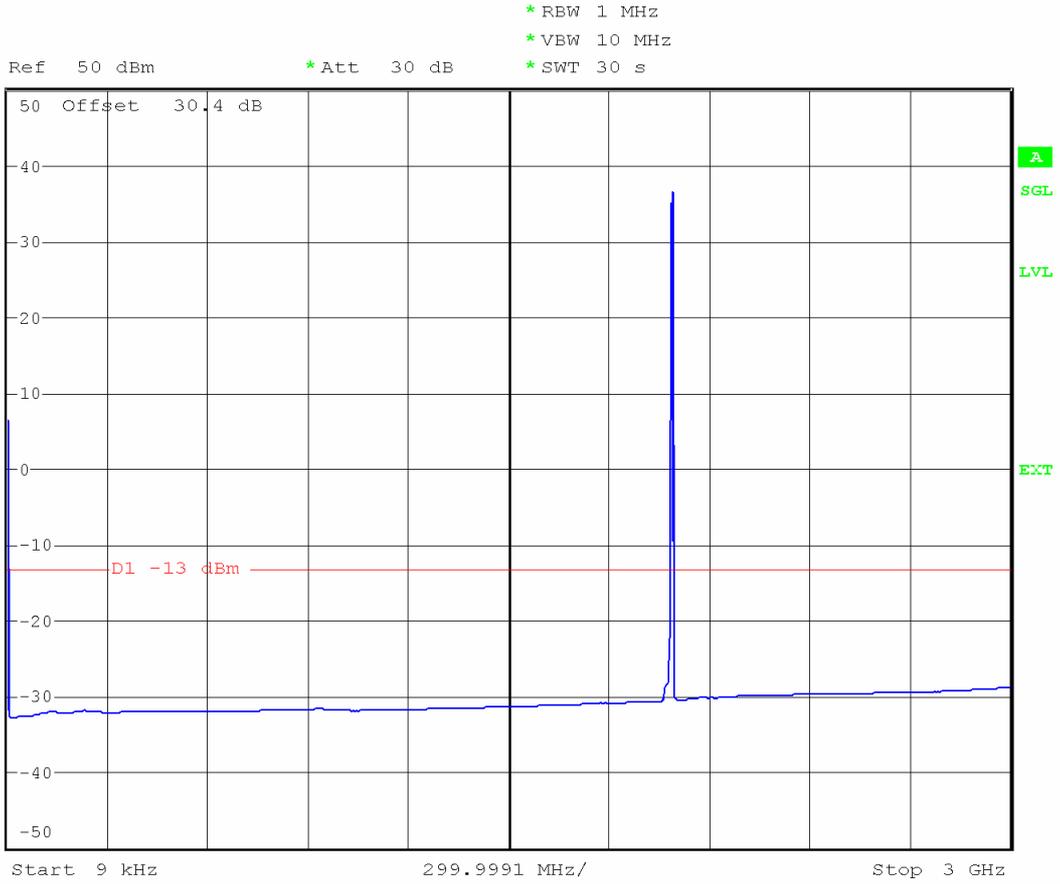


# Channel 537 TM1





# Channel 687 TM1



# Channel 687 TM1

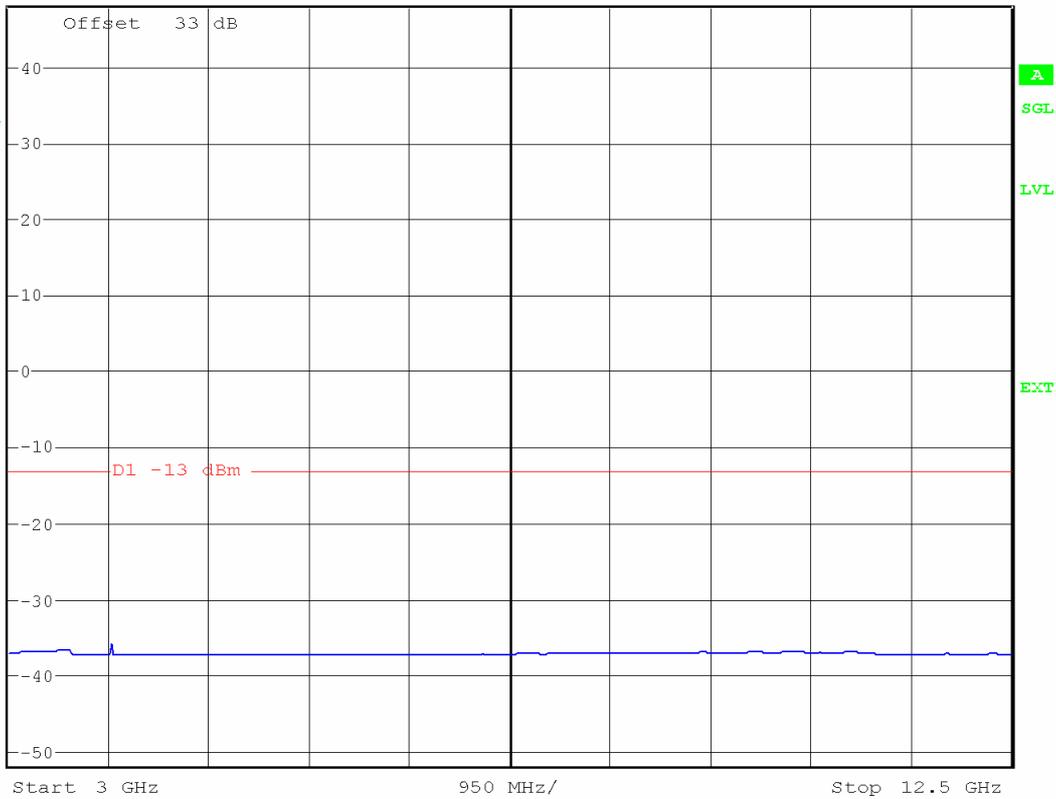


\* RBW 1 MHz  
\* VBW 10 MHz  
\* SWT 30 s

Ref 48 dBm

\* Att 10 dB

1 RM\*  
CLRWR



# Channel 687 TM1

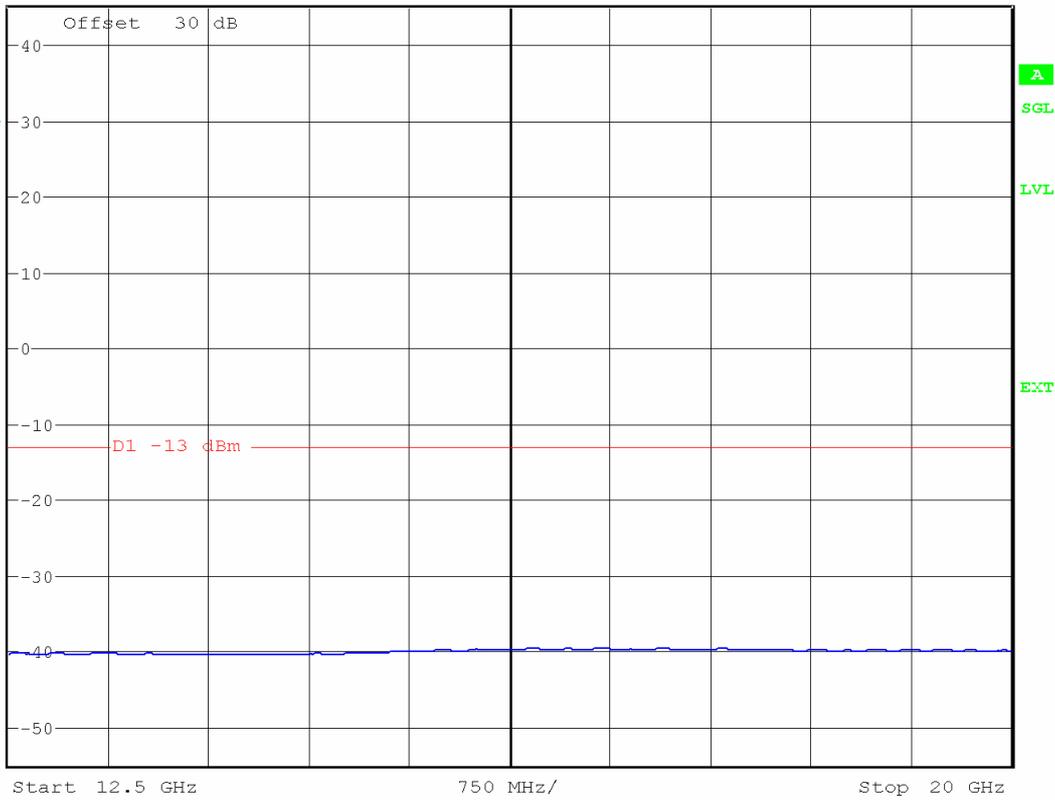


\* RBW 1 MHz  
\* VBW 10 MHz  
\* SWT 30 s

Ref 45 dBm

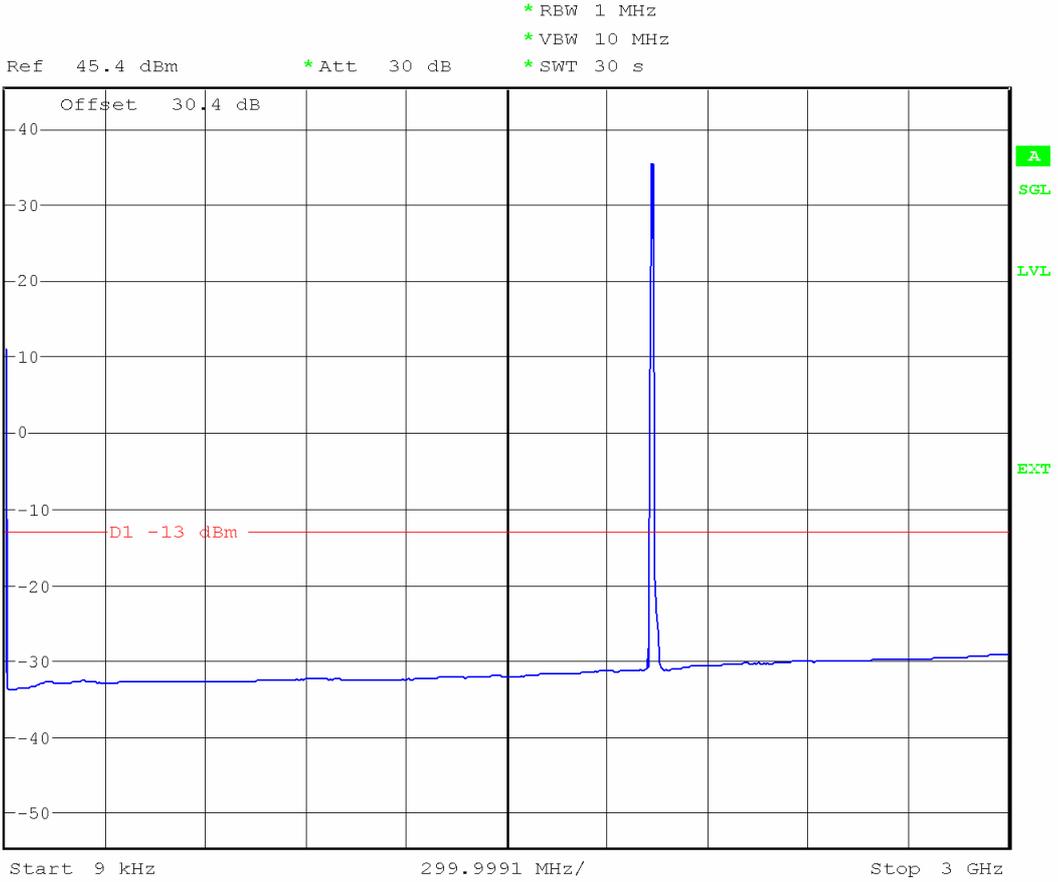
\* Att 10 dB

1. RM \*  
CLRWR

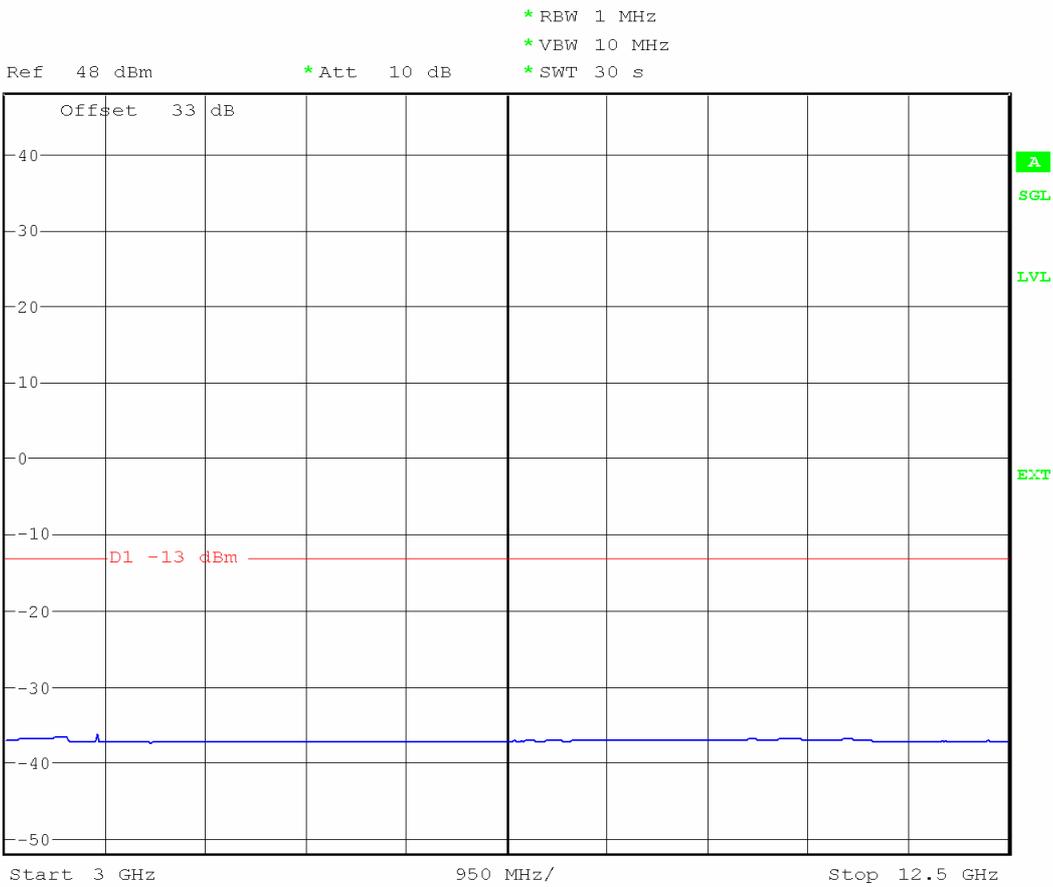


Double Carriers

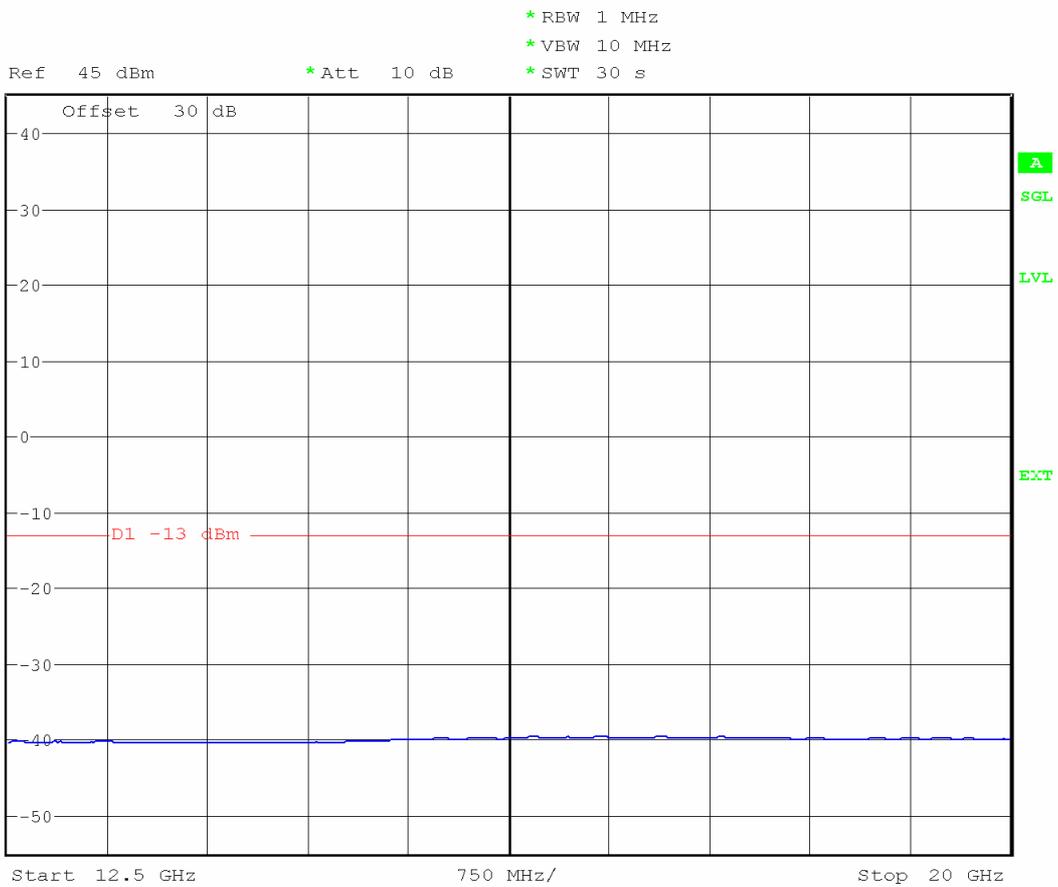
Channel 412./Channel 437  
TM5



# Channel 412./Channel 437 TM5



# Channel 412./Channel 437 TM5



# Channel 537./Channel 562 TM5

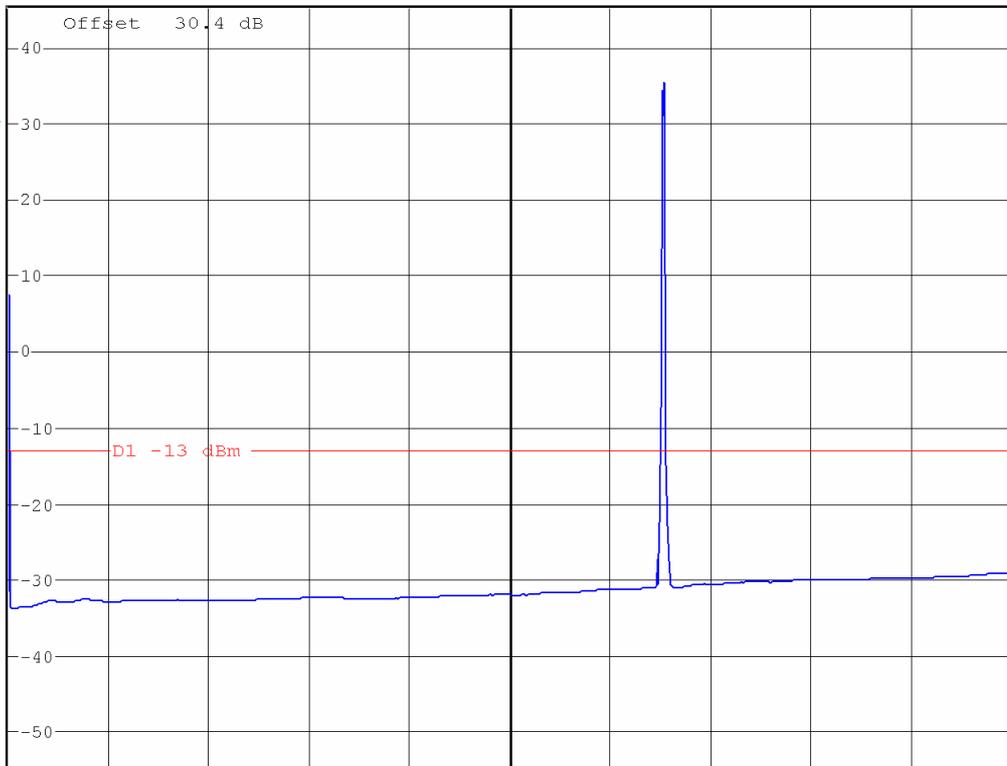


\* RBW 1 MHz  
\* VBW 10 MHz  
\* SWT 30 s

Ref 45.4 dBm

\* Att 30 dB

1 RM\*  
CLRWR



Start 9 kHz

299.9991 MHz/

Stop 3 GHz

# Channel 537./Channel 562 TM5

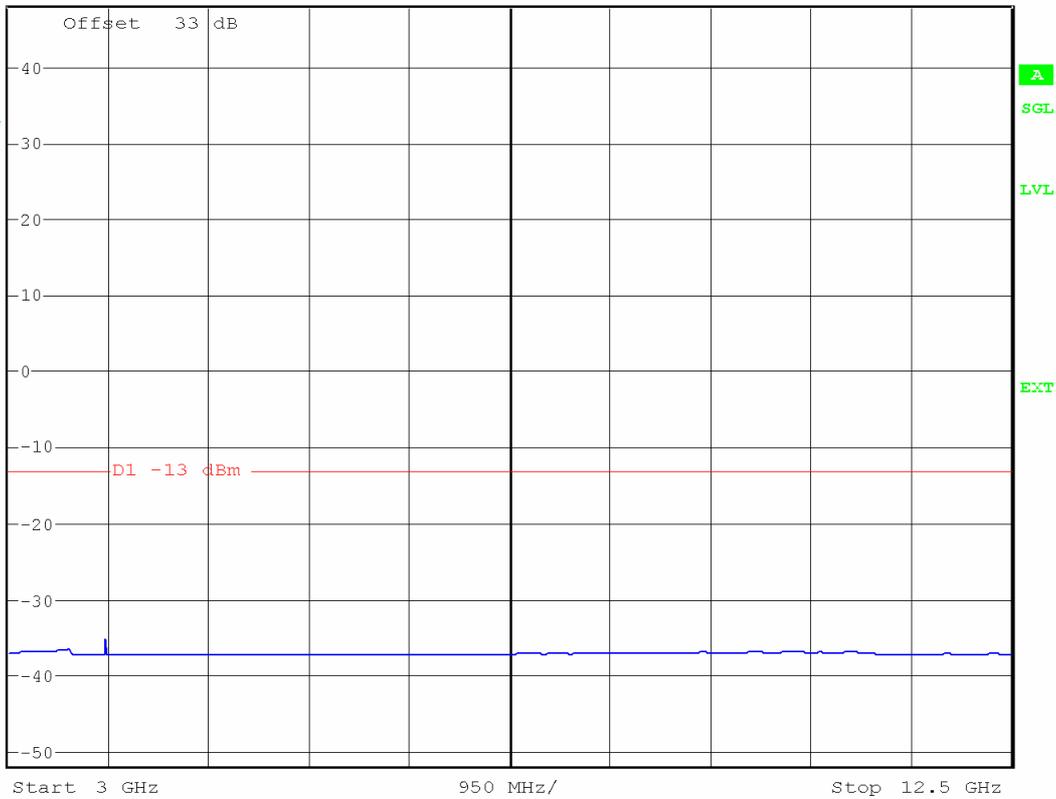


\* RBW 1 MHz  
\* VBW 10 MHz  
\* SWT 30 s

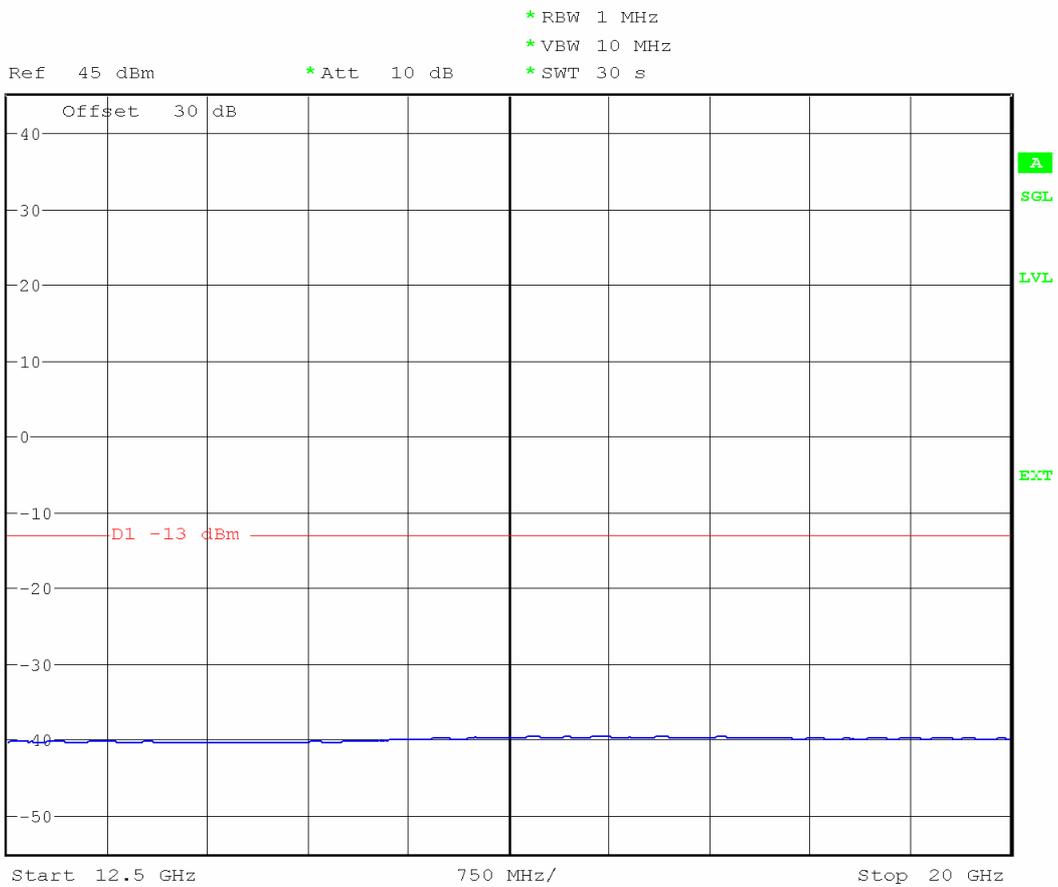
Ref 48 dBm

\* Att 10 dB

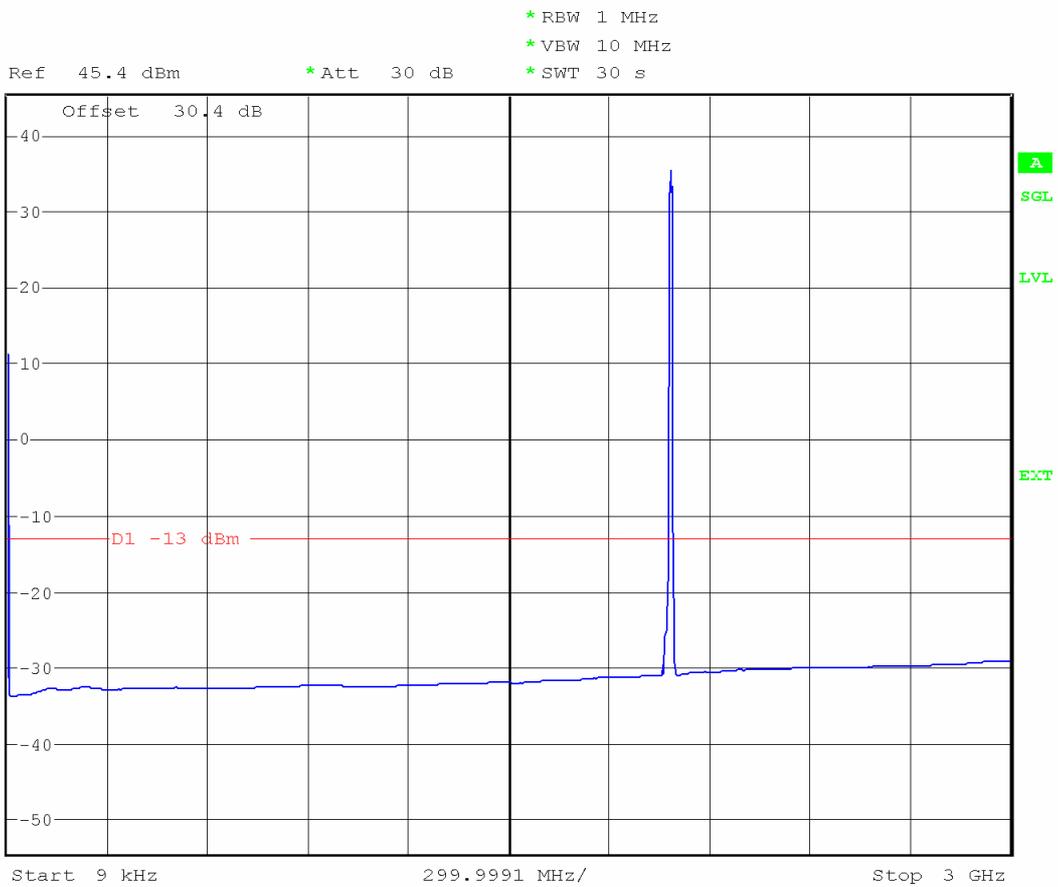
1 RM\*  
CLRWR



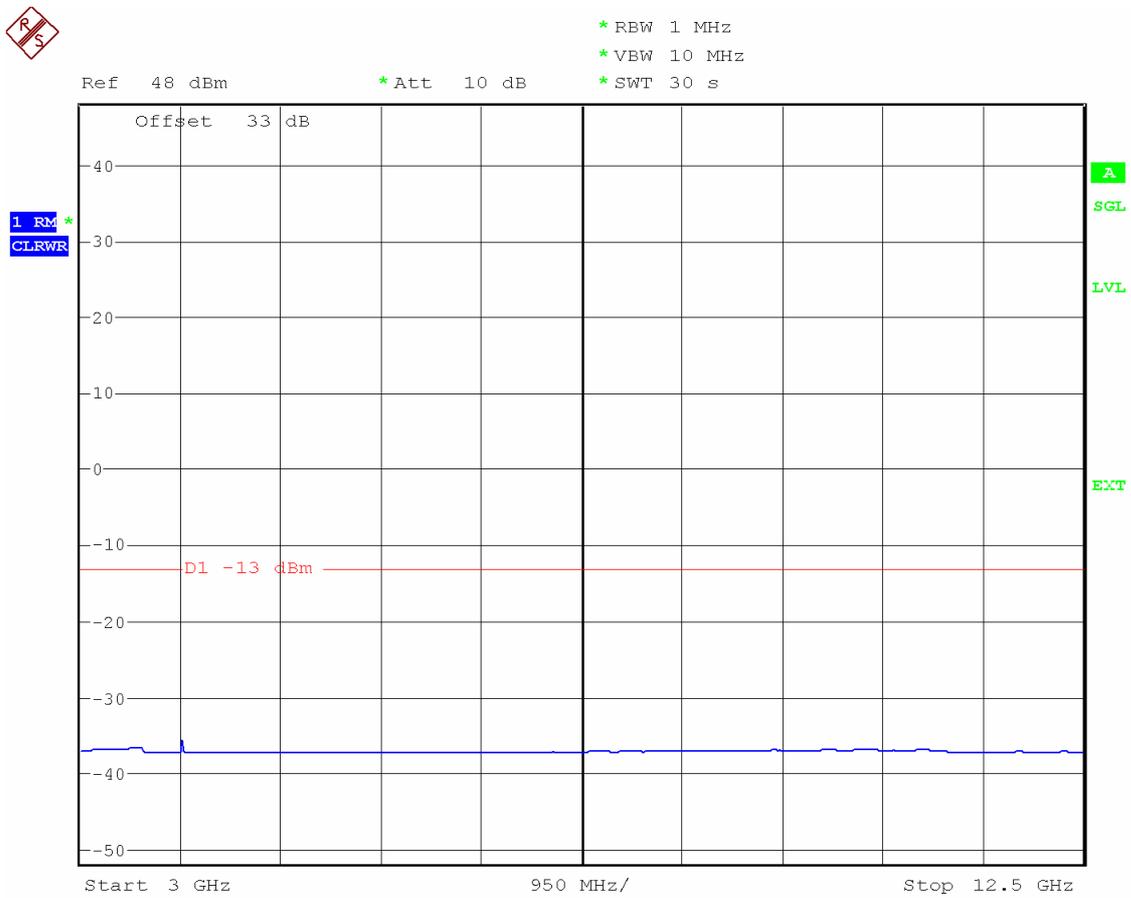
# Channel 537./Channel 562 TM5



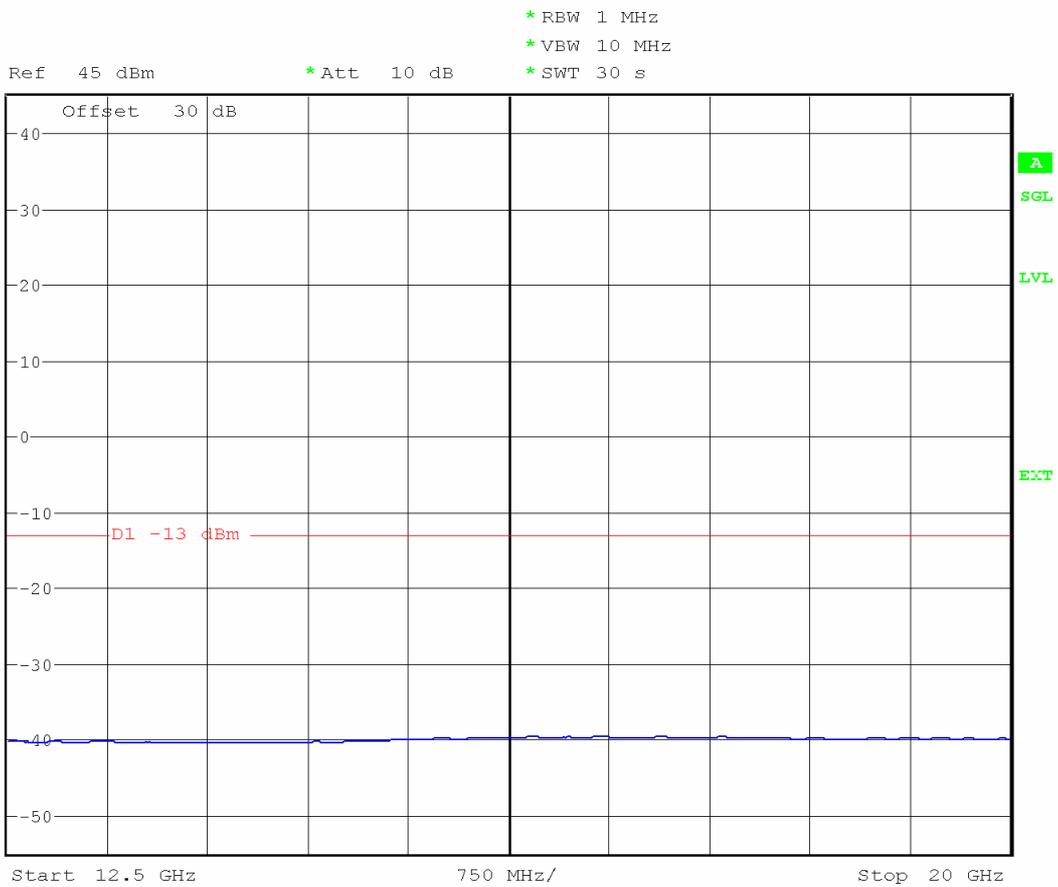
# Channel 662./Channel 687 TM5



# Channel 662./Channel 687 TM5



# Channel 662./Channel 687 TM5

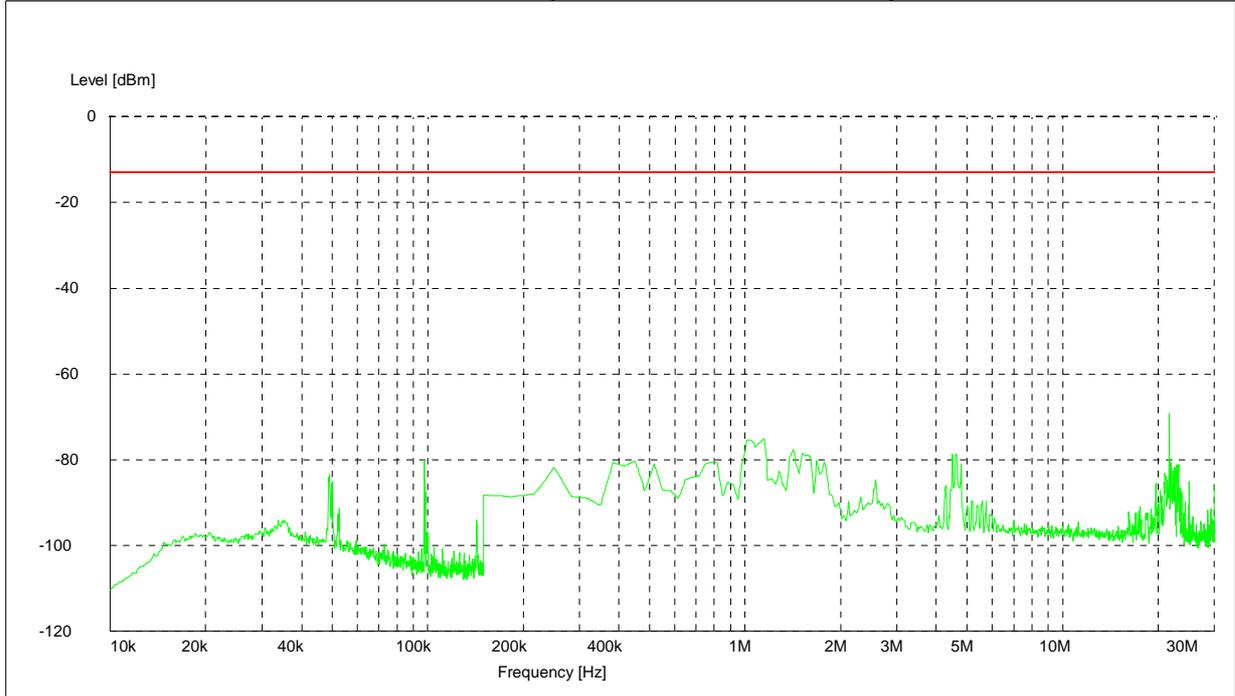


## Appendix F

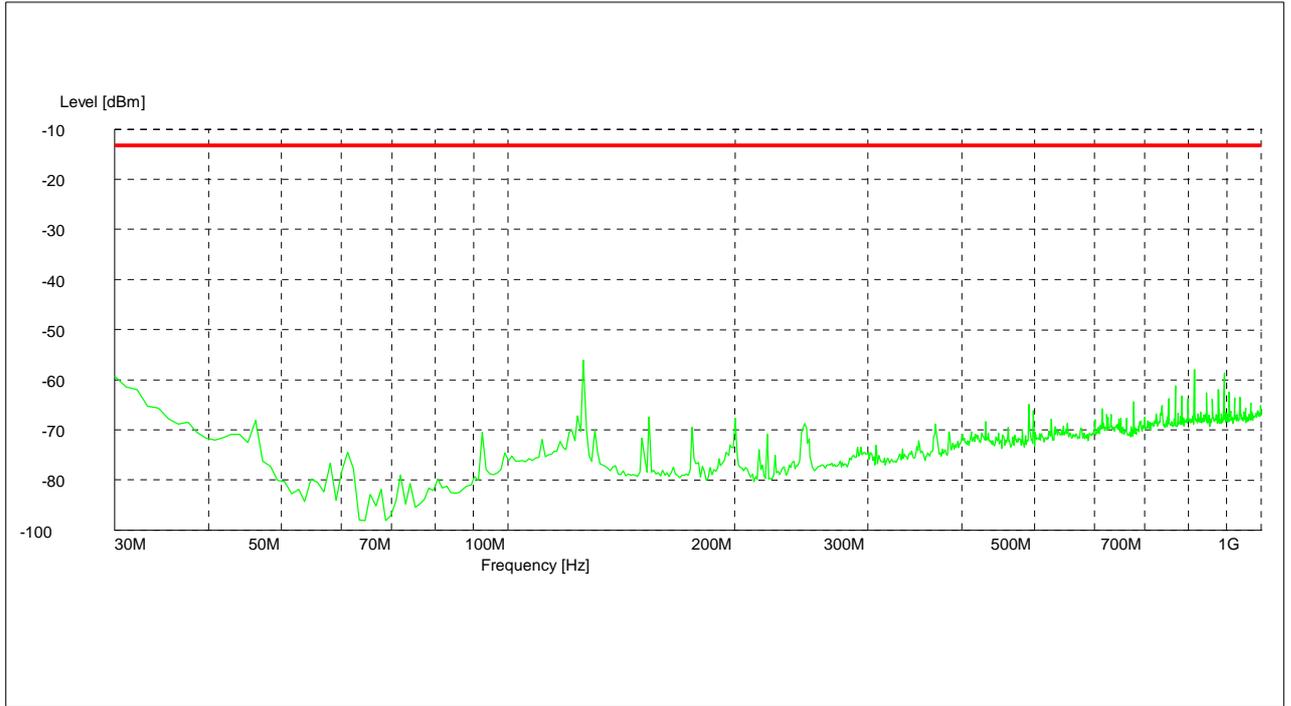
# Field Strength of Spurious Radiation

According to CFR 47 (FCC) part 2.1053 & 24.238

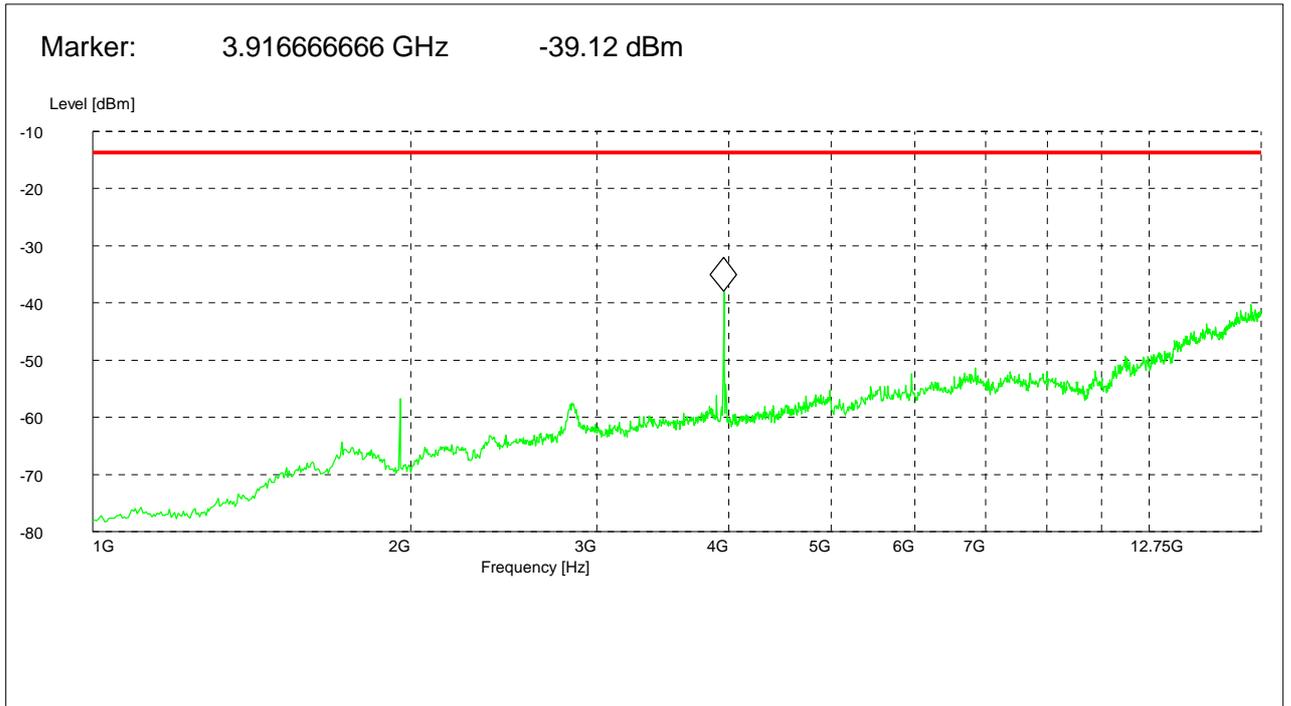
### TRA Mode (150kHz-30MHz)



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

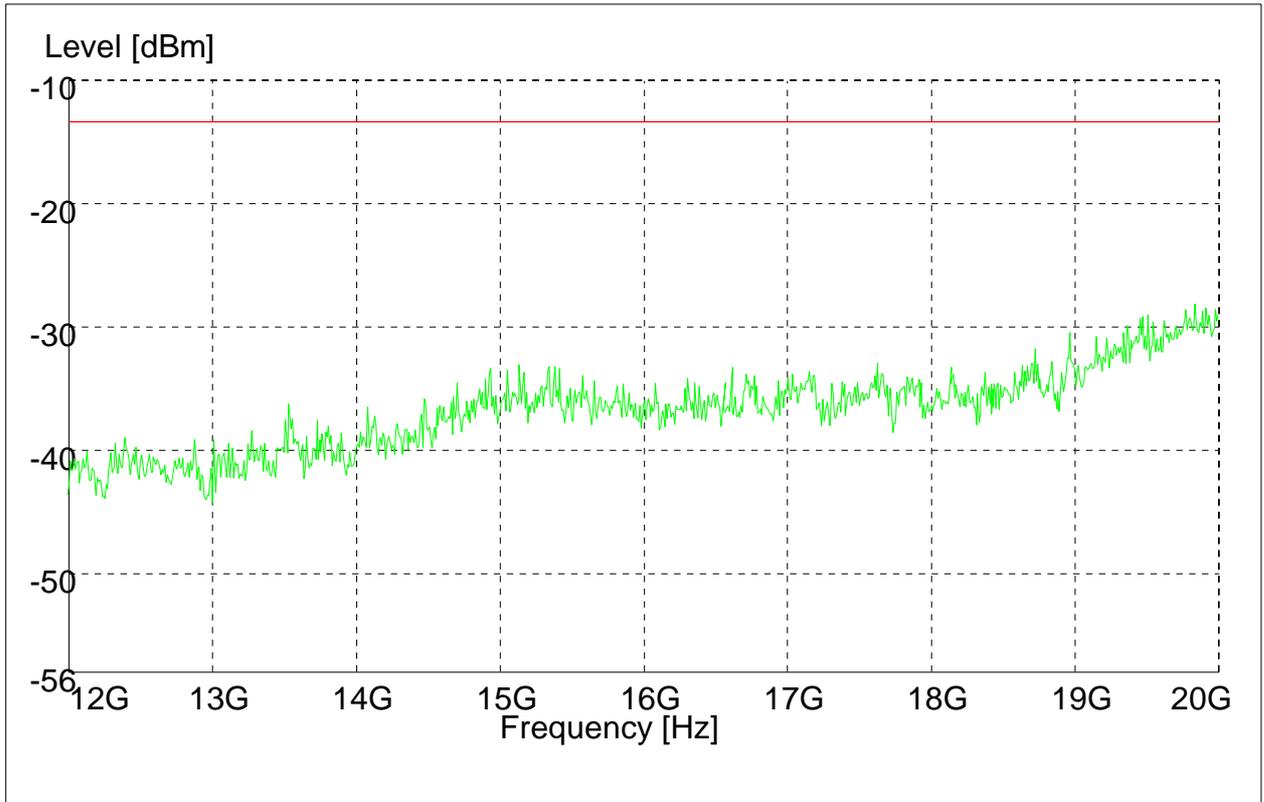


### TRA Mode (1GHz-12.75GHz)

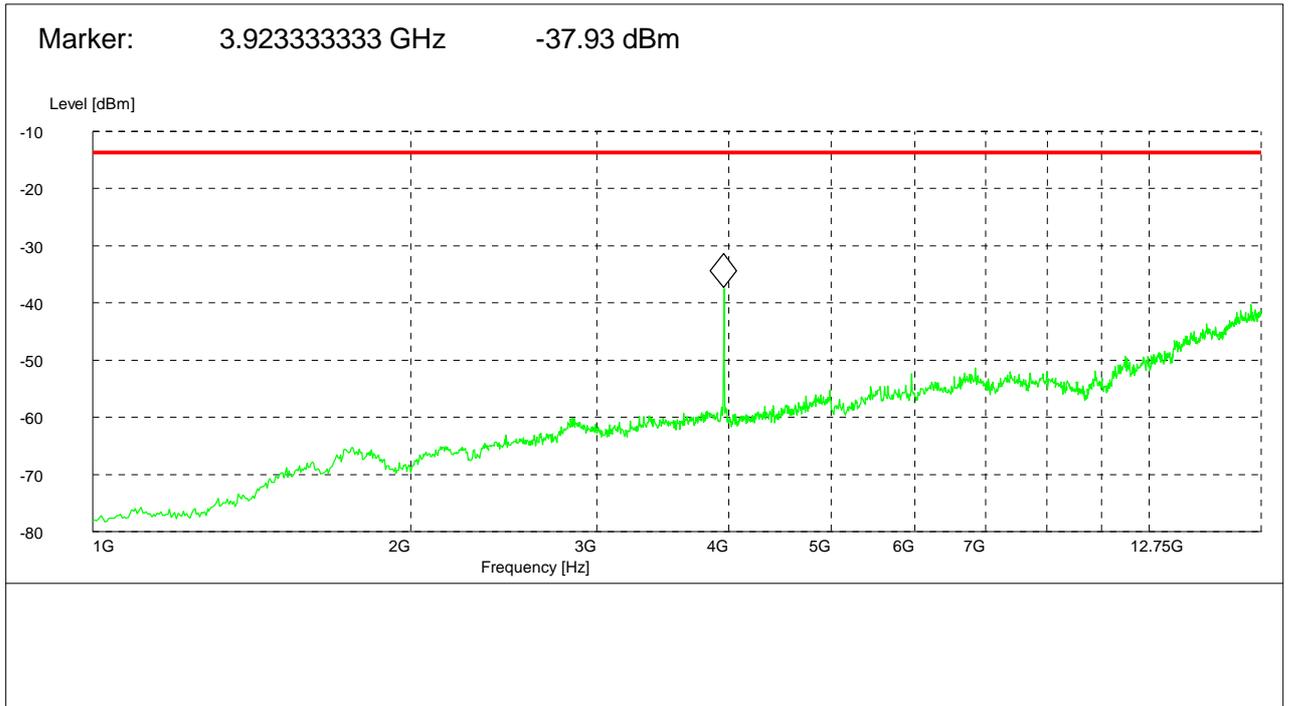


Note: The frequency which exceeded the limit was the carrier frequency.

### TRA Mode (10GHz-20GHz)



## The Result of Substitute Test



END

## Appendix G

# Conducted Emission at Power Port

According to CFR 47 (FCC) part 15.107

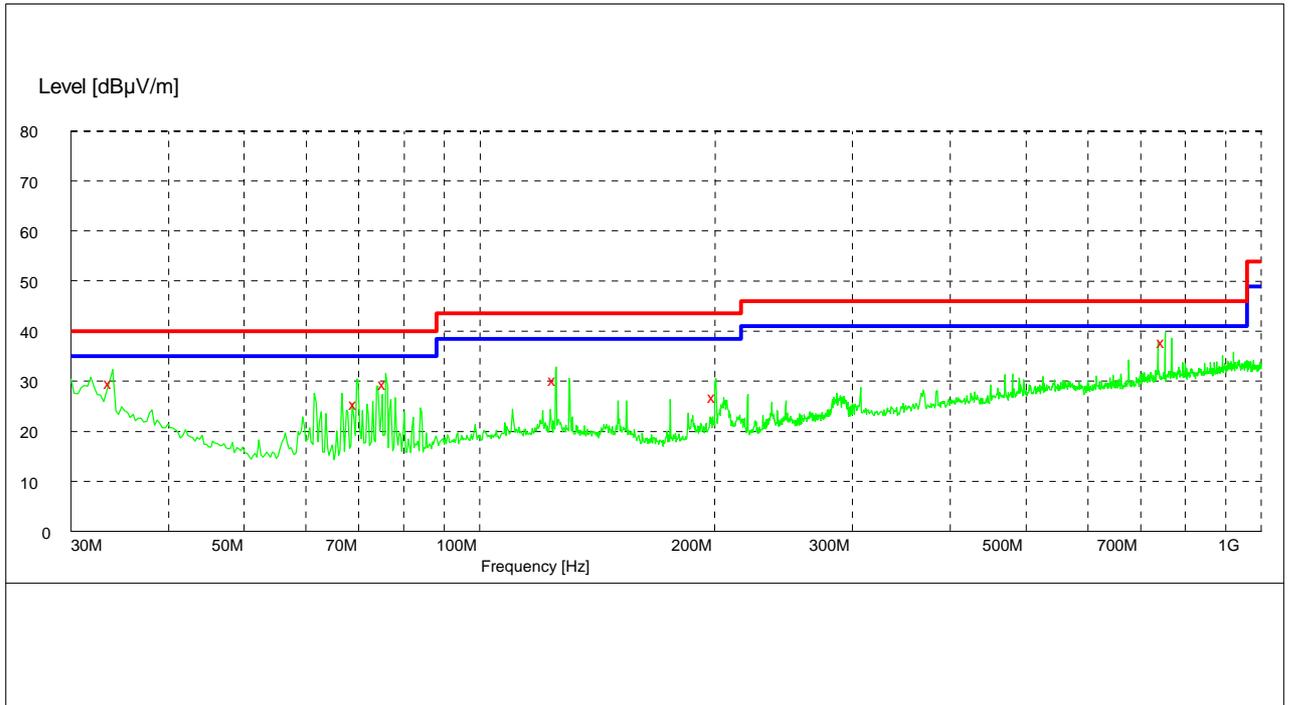


Not application for DC power equipment.

## Appendix H

# **Radiated Emission of Enclosure in Idle Mode**

According to CFR 47 (FCC) part 15.109



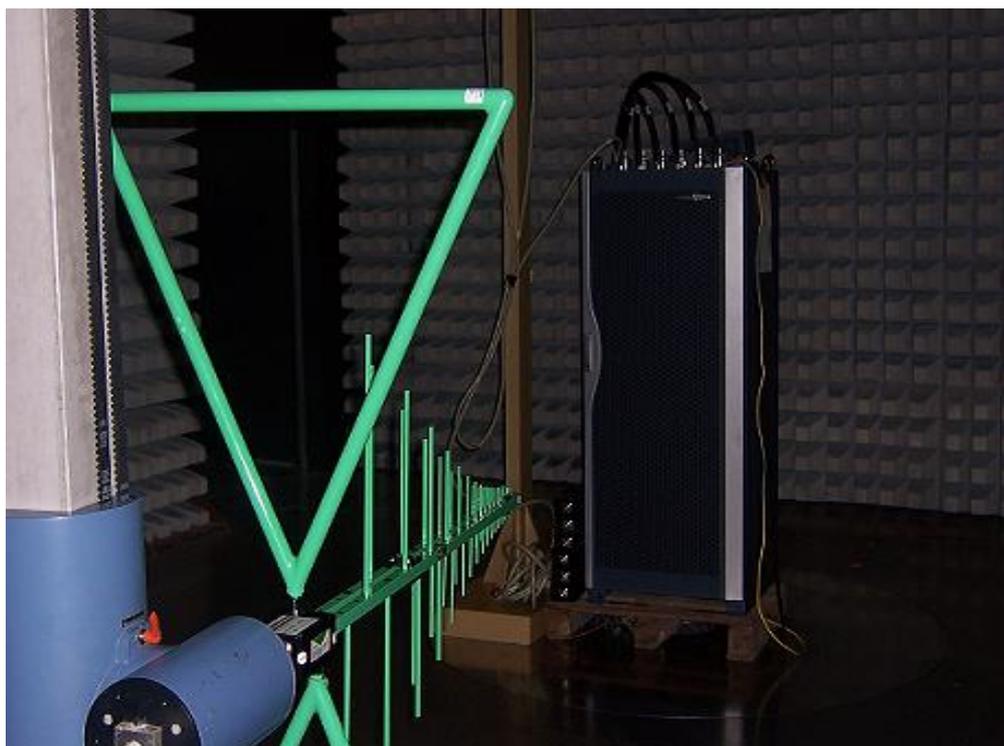
MEASUREMENT RESULT: "QP DECTER"

Frequency (MHz)	Level (dBµV/m)	Trans d (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Polarisation
33.780000	29.80	-4.9	40.0	10.2	111.0	0.00	VERTICAL
69.600000	25.60	-15.0	40.0	14.4	162.0	99.00	VERTICAL
75.780000	29.60	-13.9	40.0	10.4	134.0	106.00	VERTICAL
124.980000	30.60	-8.8	43.5	12.9	240.0	140.00	VERTICAL
199.980000	27.00	-11.1	43.5	16.5	186.0	135.00	VERTICAL
752.160000	38.00	-0.9	46.0	8.0	127.0	24.00	VERTICAL

# Appendix I

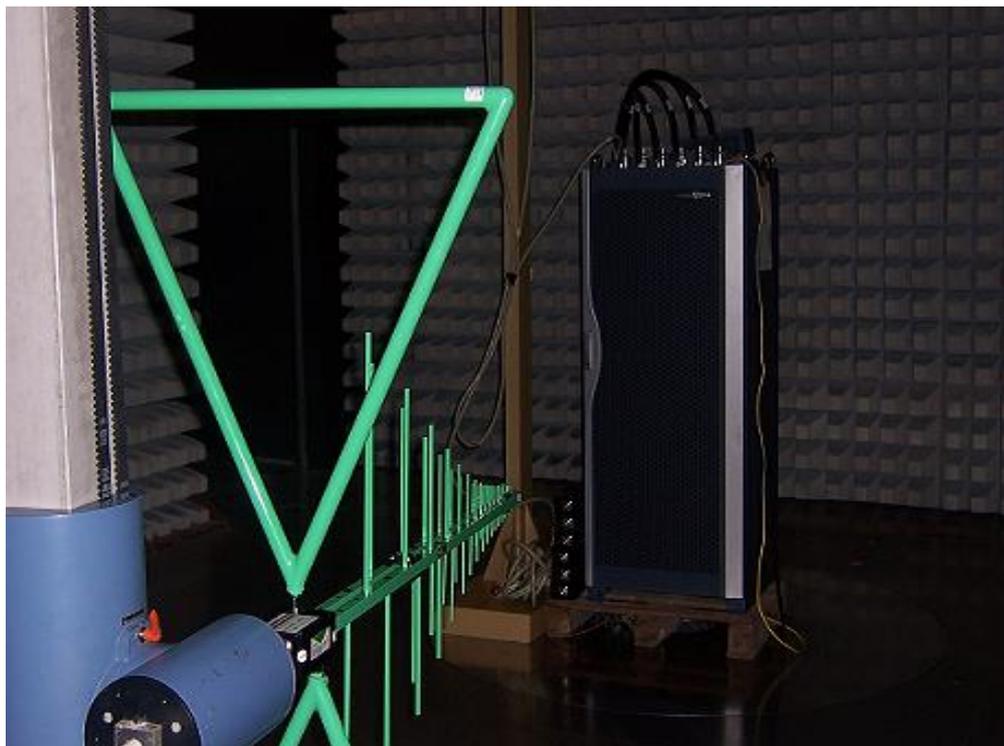
## Photos of Test Setup

## 1 Radiated Emissions

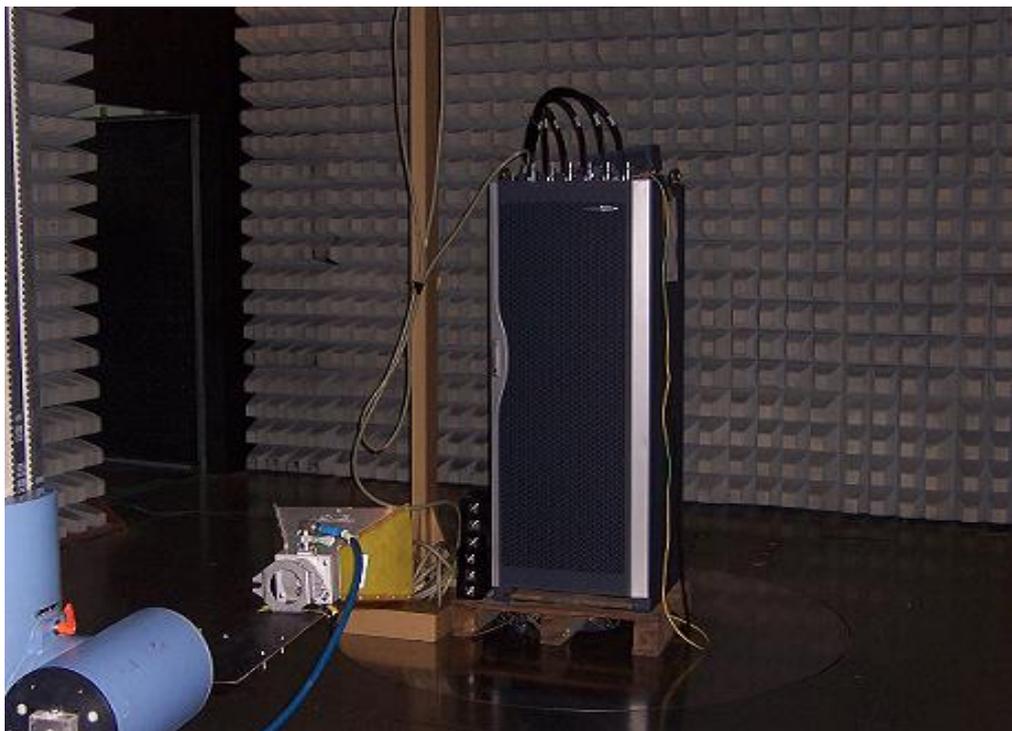


Radiated Disturbance of AC mode (below 1GHz)

## 2 Radiated Spurious Emissions



Radiated Spurious Disturbance of AC mode (below 1GHz)



Radiated Spurious Disturbance of AC mode (above 1GHz)

### **3 Conducted Emissions**

Not application for DC power equipment.