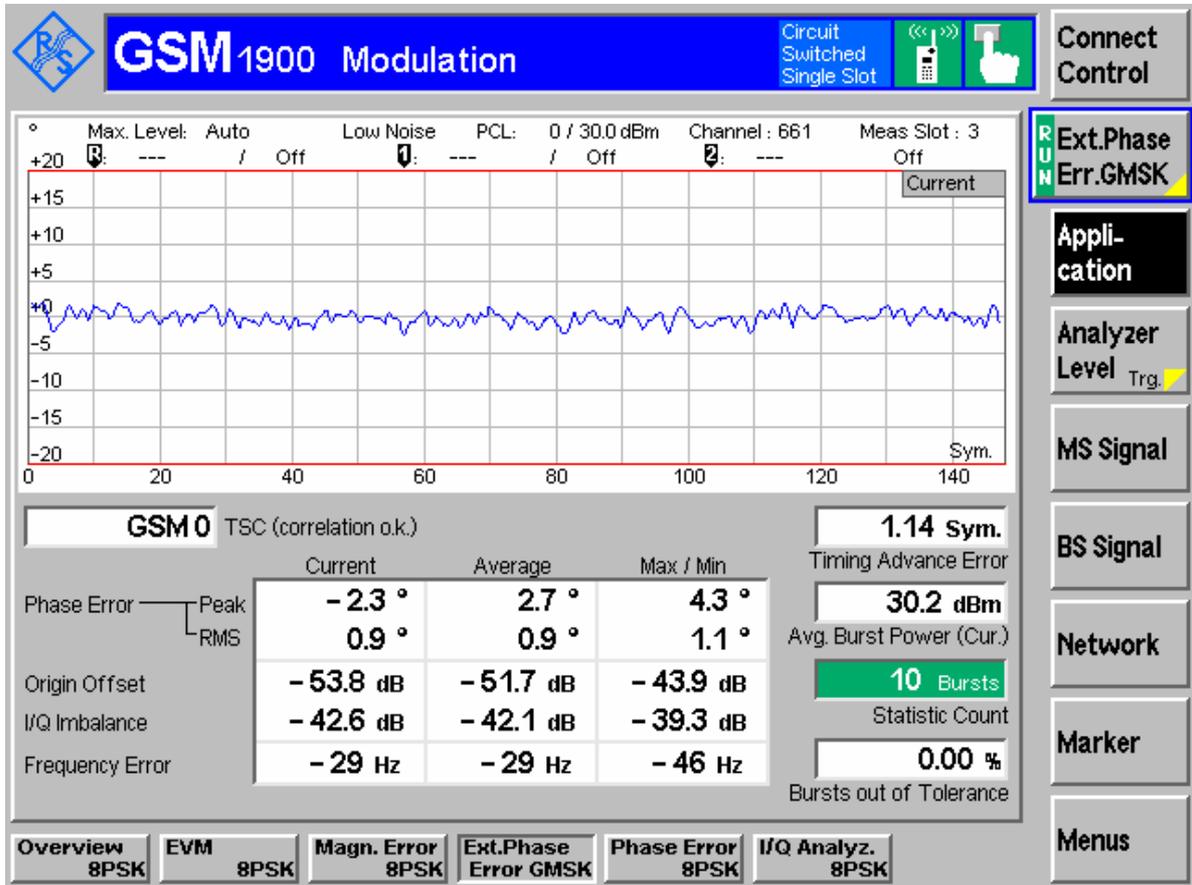


# Appendix A

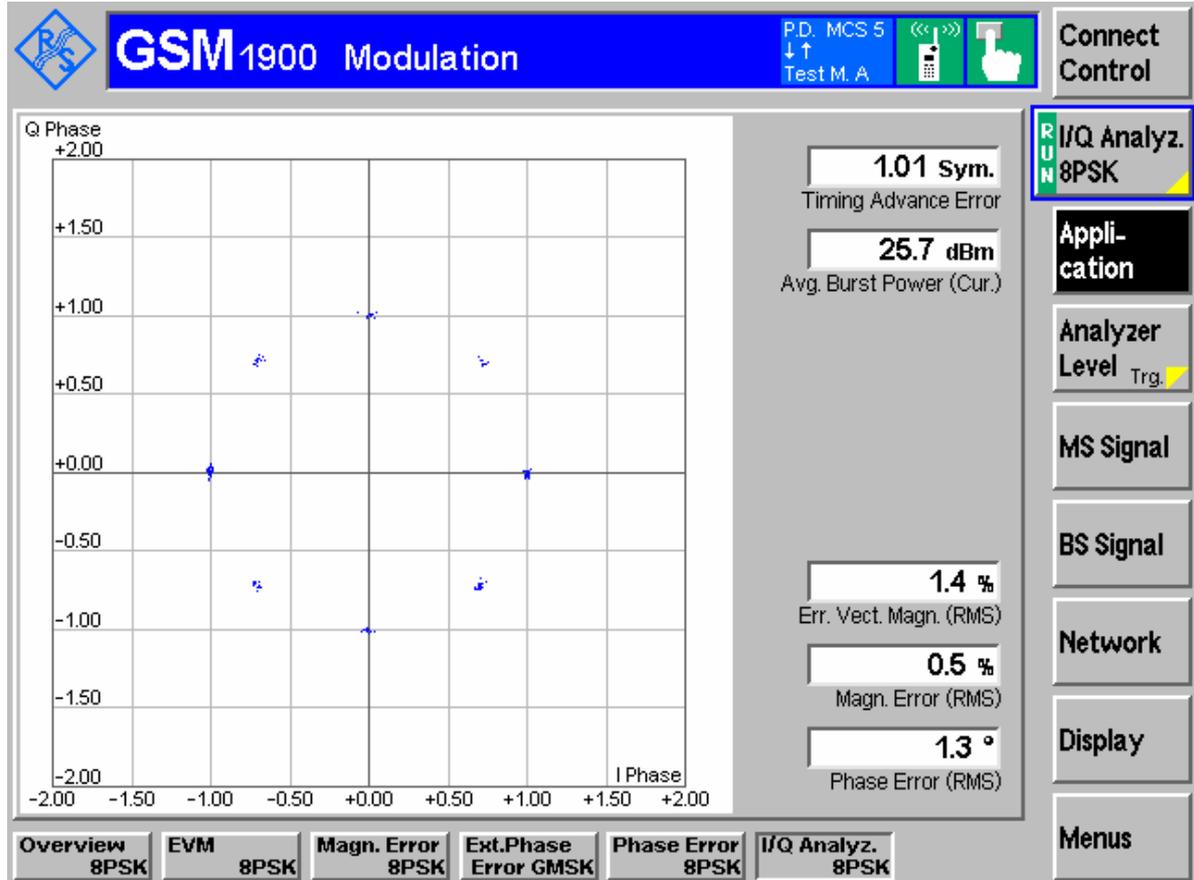
## Modulation Characteristics

According to FCC Part 2.1047 & Part24 Subpart E

## TM1:GPRS/GSM Channel 661

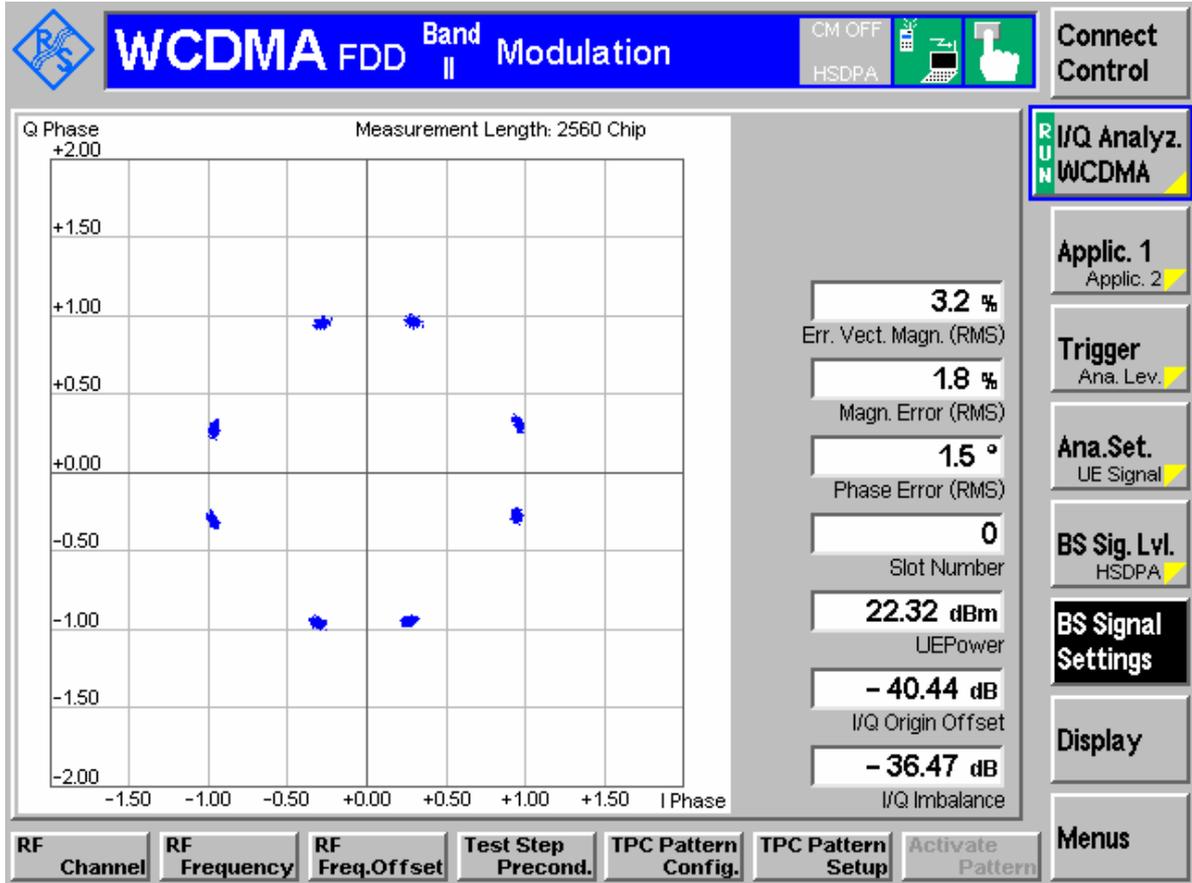


# TM2:EDGE Channel 661





## TM3:WCDMA Channel 9400





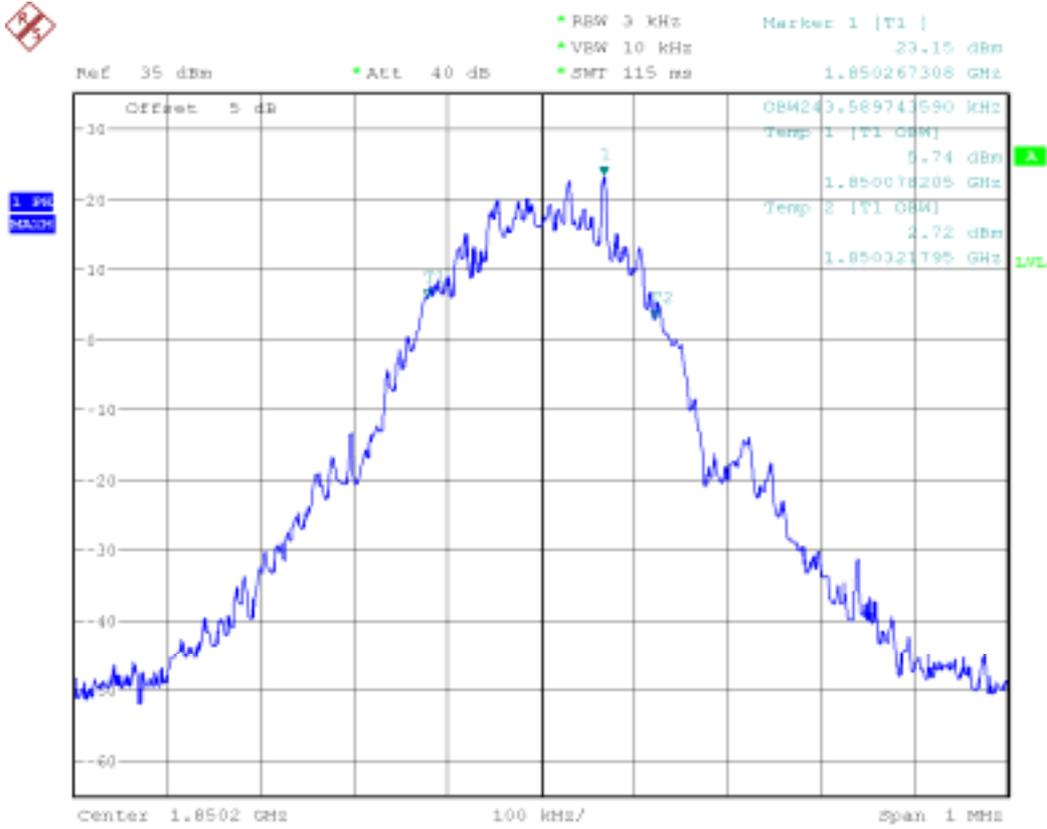
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## Appendix B

# Occupied Bandwidth

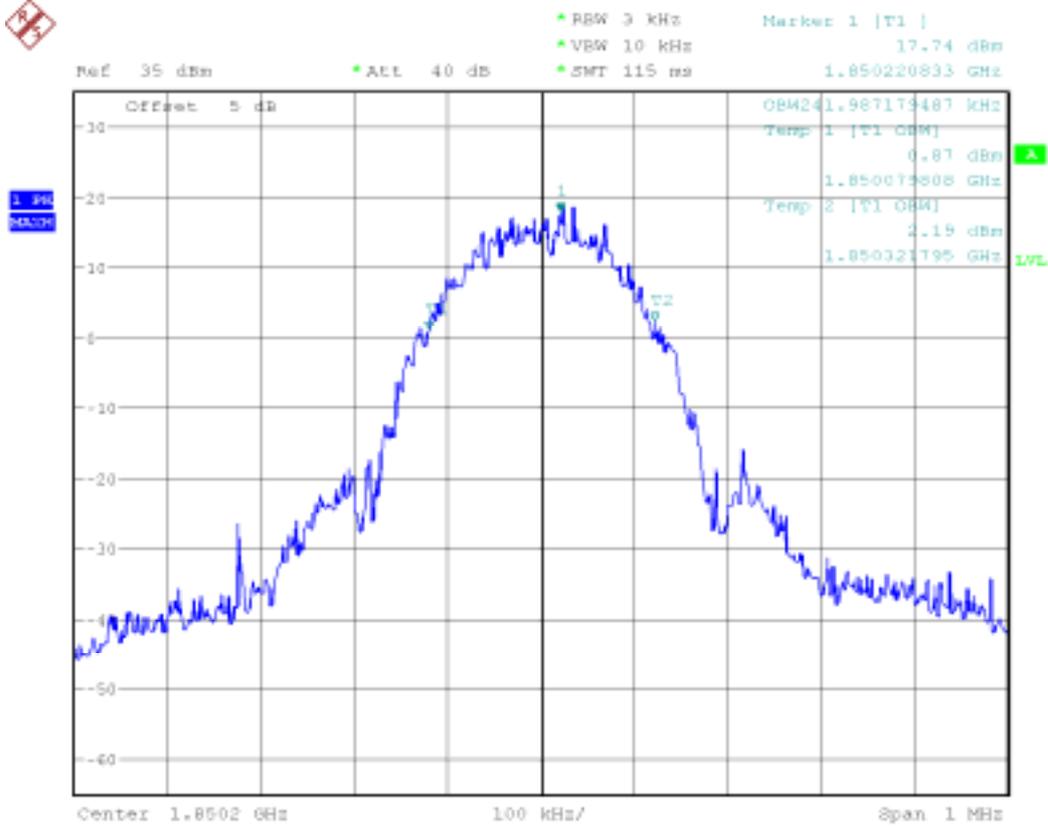
According to FCC Part 2.1049 & Part 24 Subpart E

# TM1:GPRS/GSM Channel 512



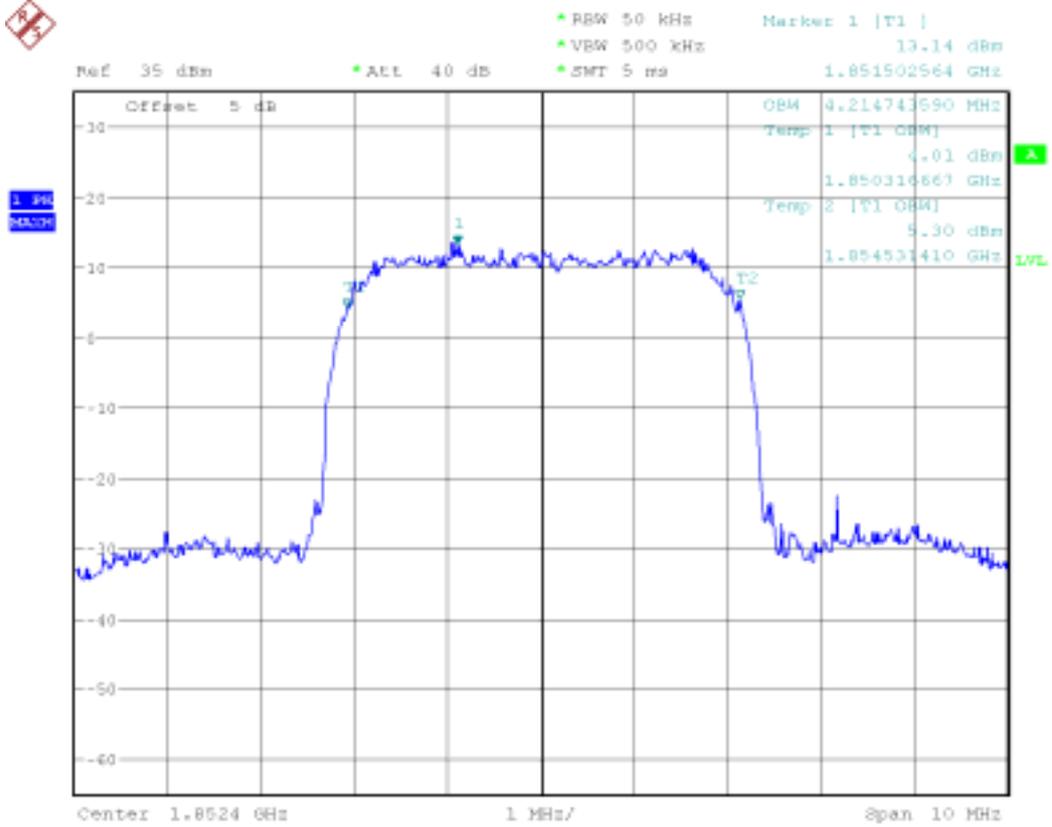
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# TM2:EDGE Channel 512



Date: 22.MAY.2007 05:01:26

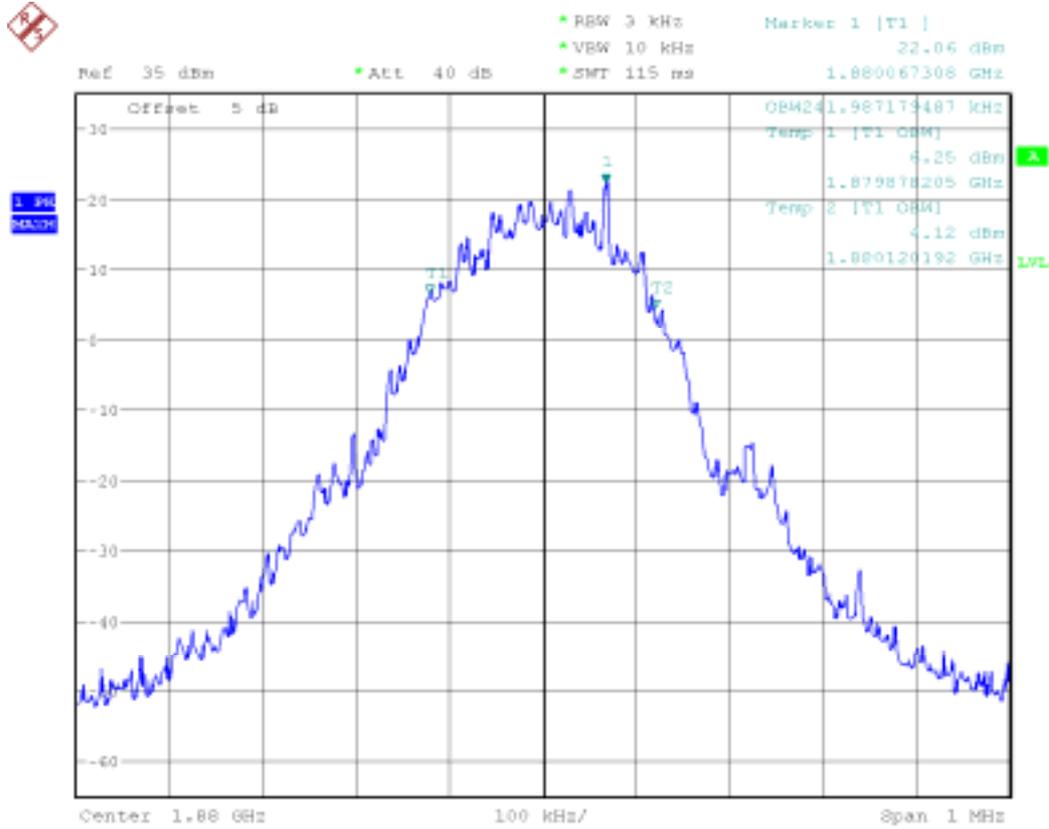
# TM3:WCDMA Channel 9262



Date: 22.MAY.2007 04:45:52

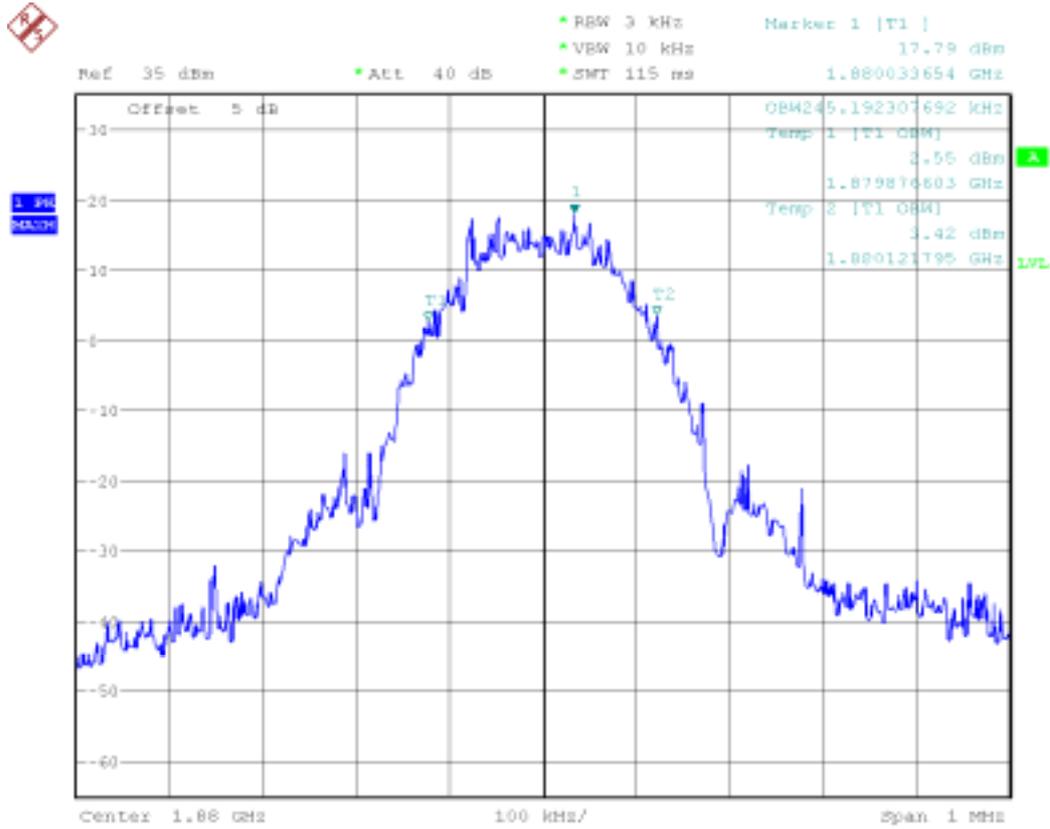


# TM1:GPRS/GSM Channel 661



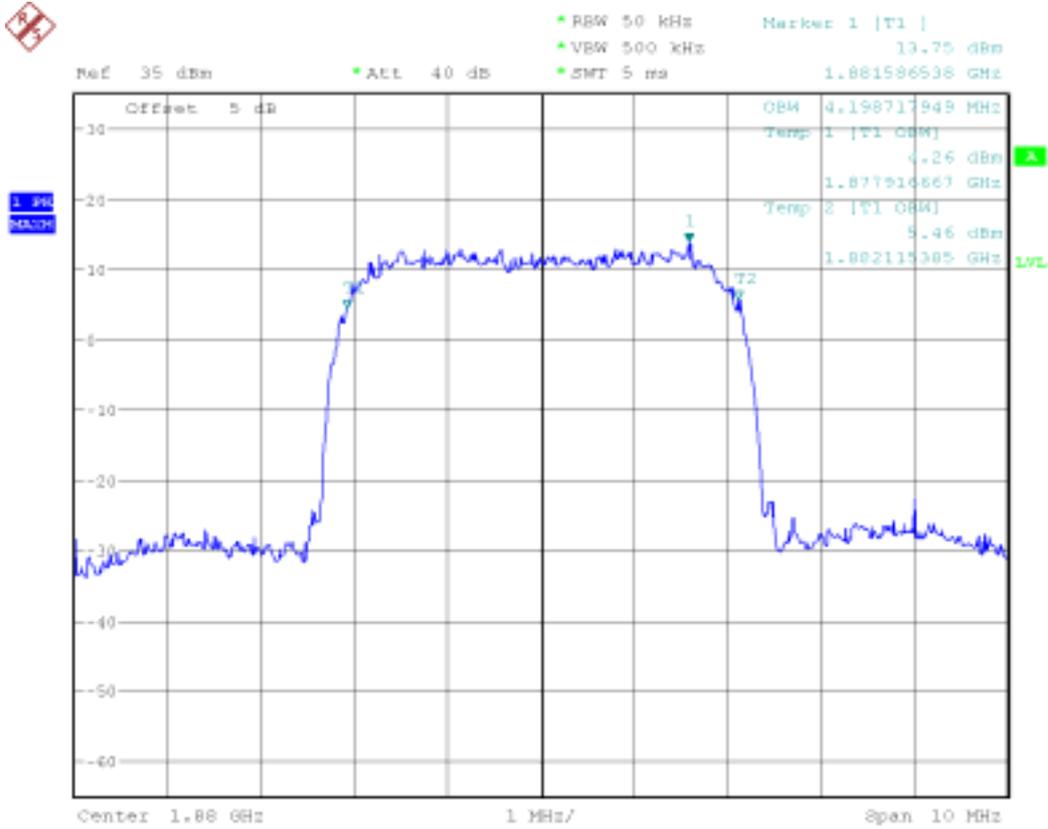
Date: 22.MAY.2007 04:52:23

# TM2:EDGE Channel 661



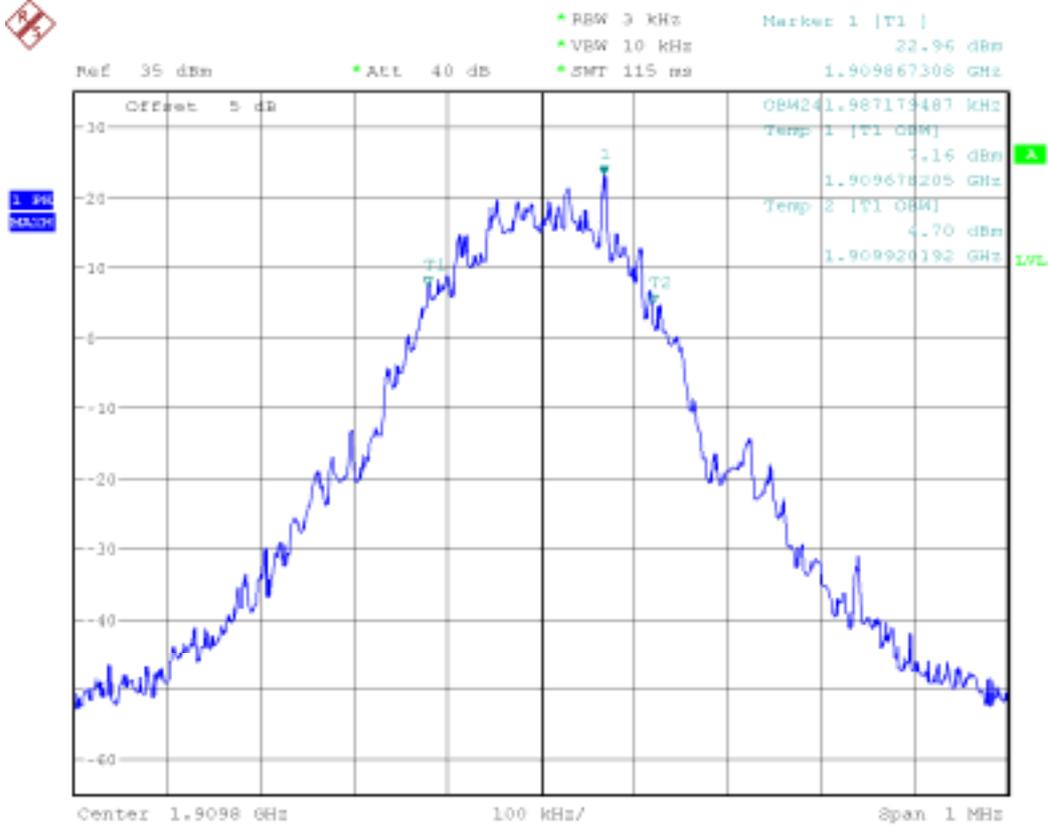
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# TM3:WCDMA Channel 9400



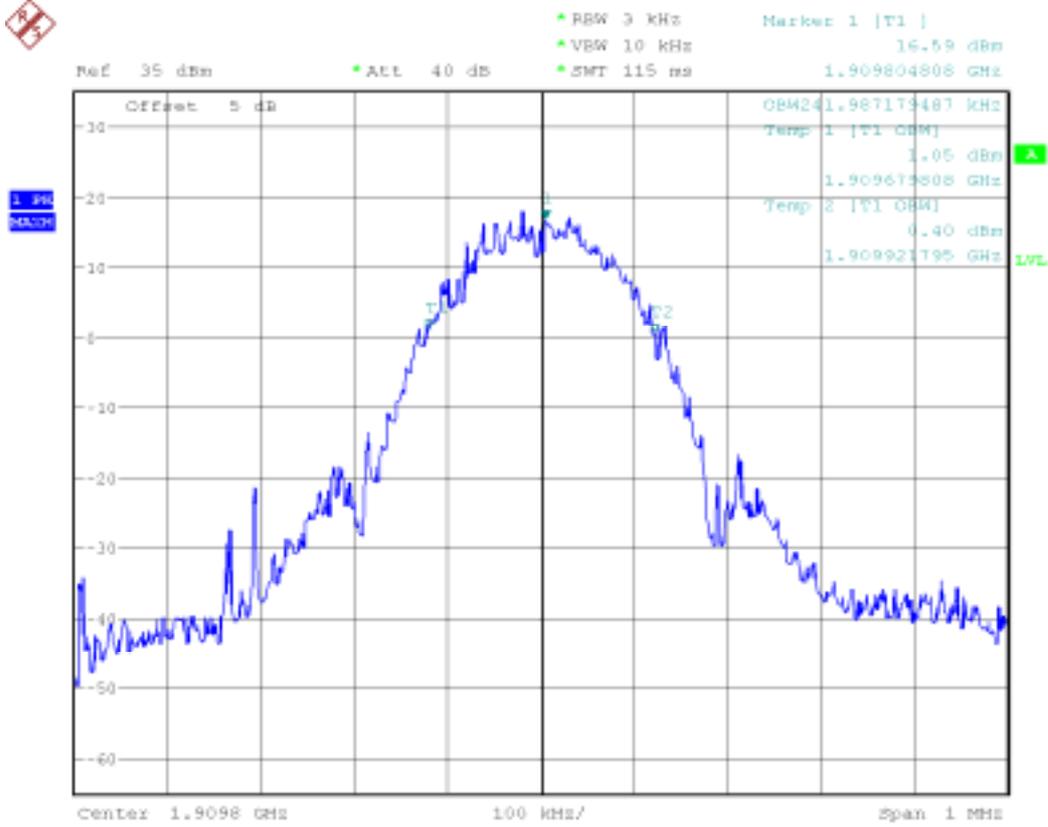
Date: 22.MAY.2007 04:47:27

# TM1:GPRS/GSM Channel 810



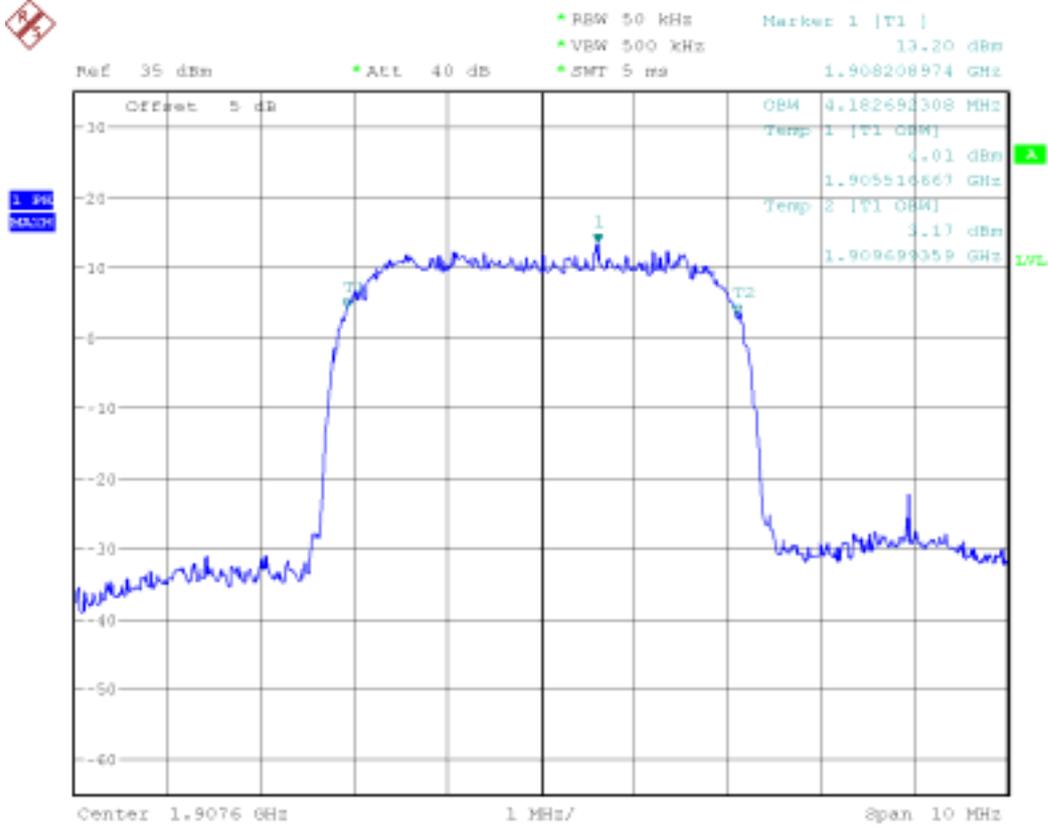
Date: 22.MAY.2007 04:53:38

# TM2:EDGE Channel 810



Date: 22.MAY.2007 04:59:17

# TM3:WCDMA Channel 9538



Date: 22.MAY.2007 04:48:33



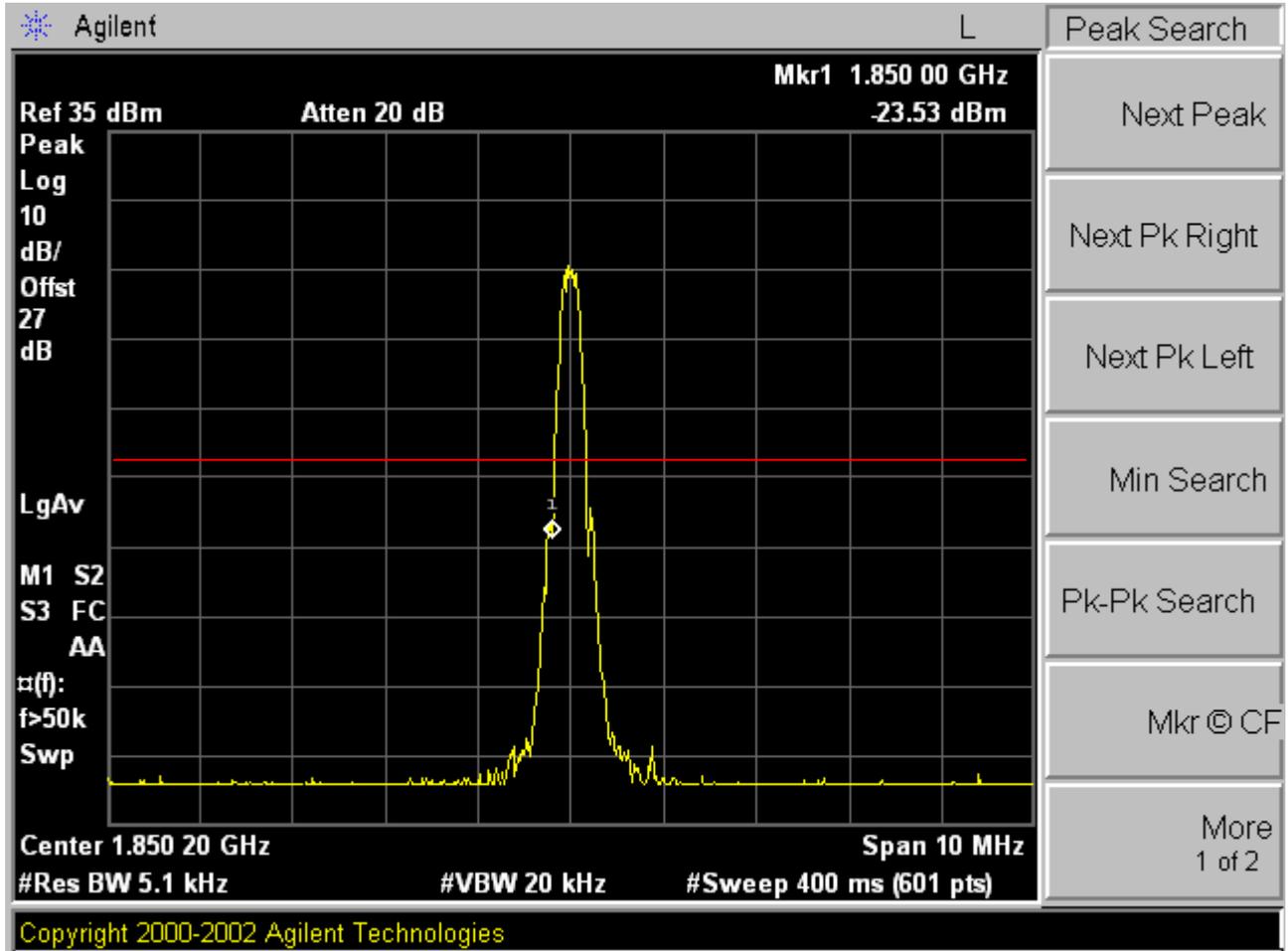
# Appendix C

## Band Edges Compliance According to FCC Part 2.1051 & 24.238

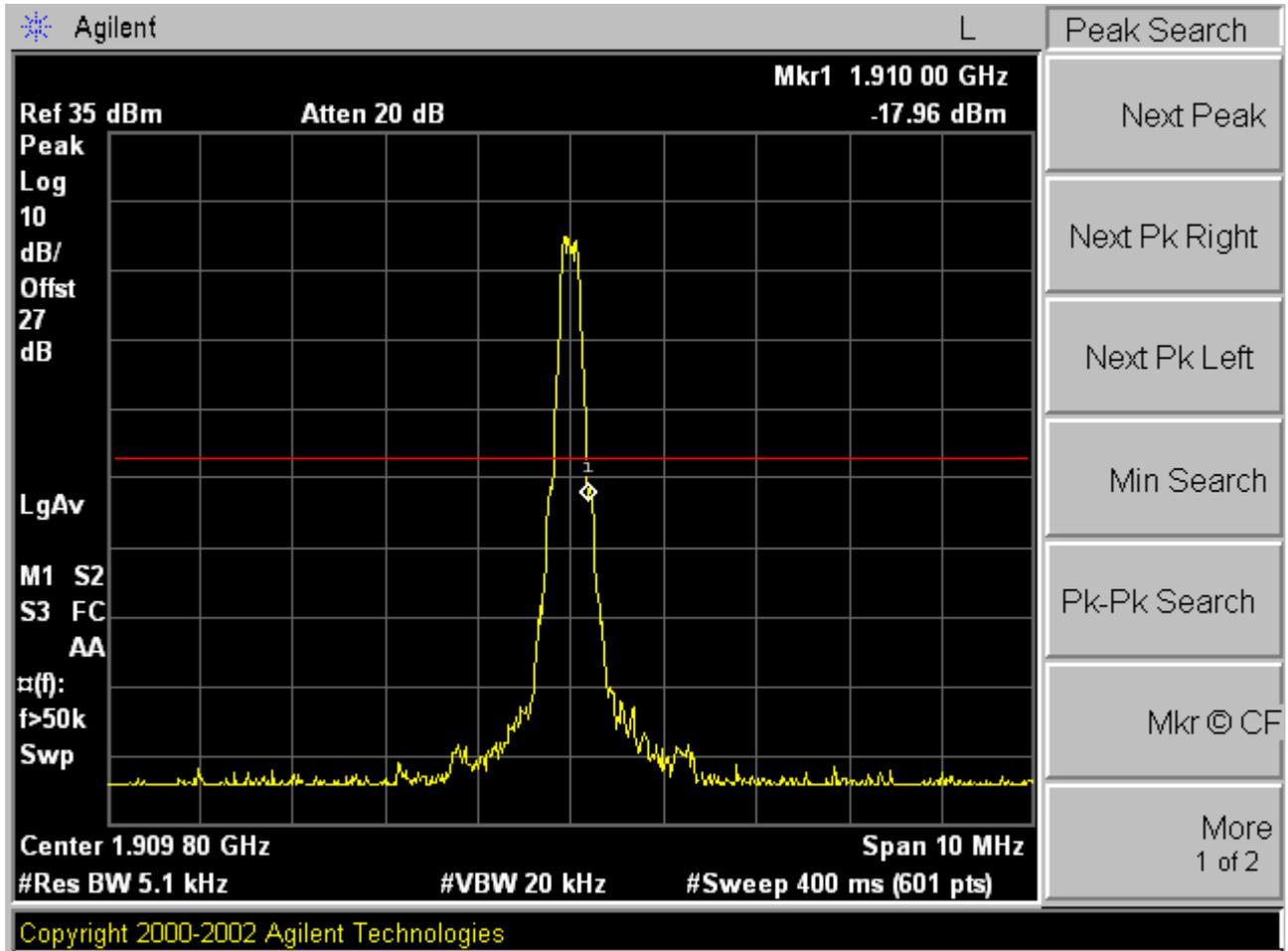


# TM1:GPRS/GSM

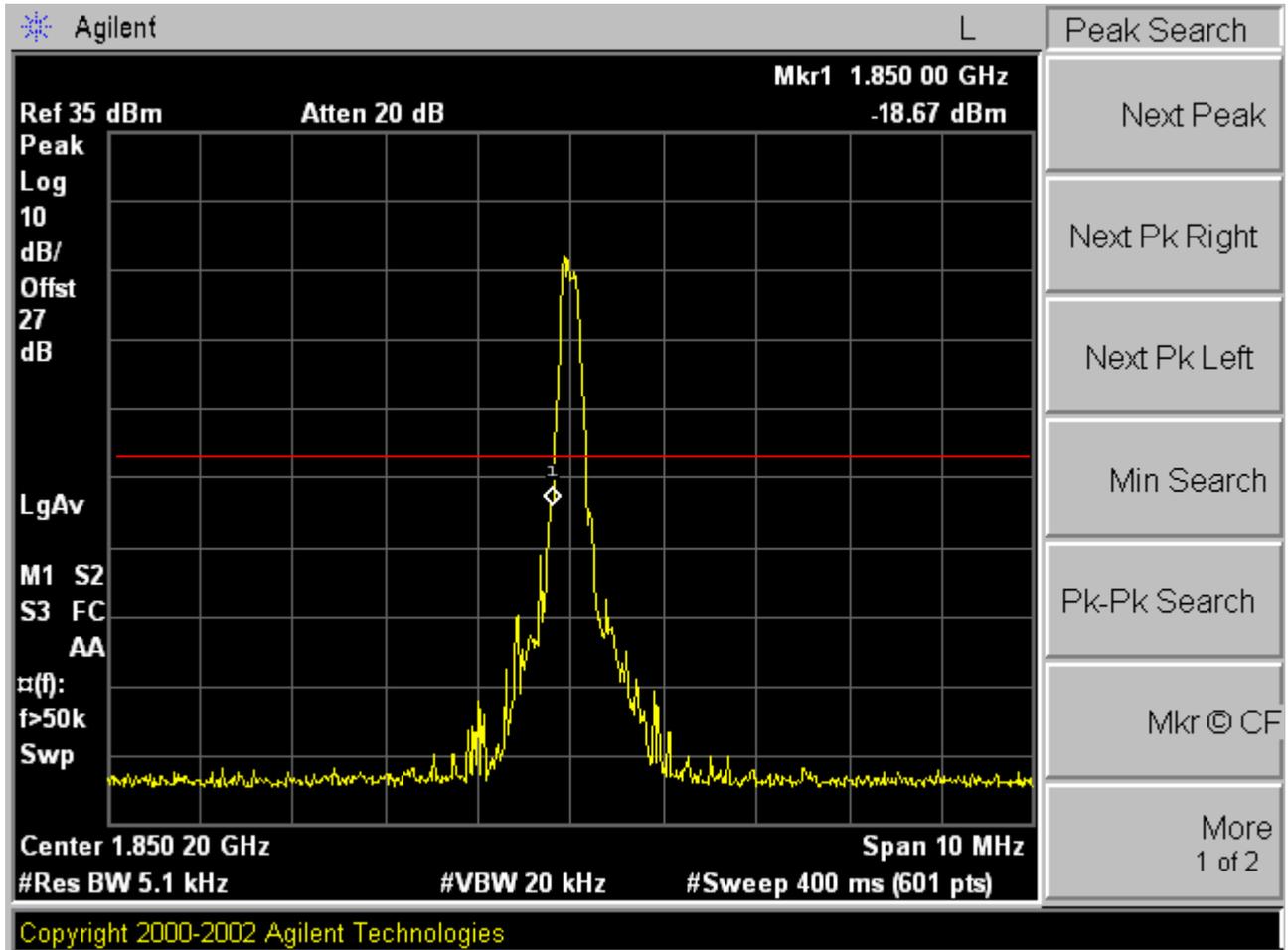
Left Edge  
Channel 512



Right Edge  
Channel 810

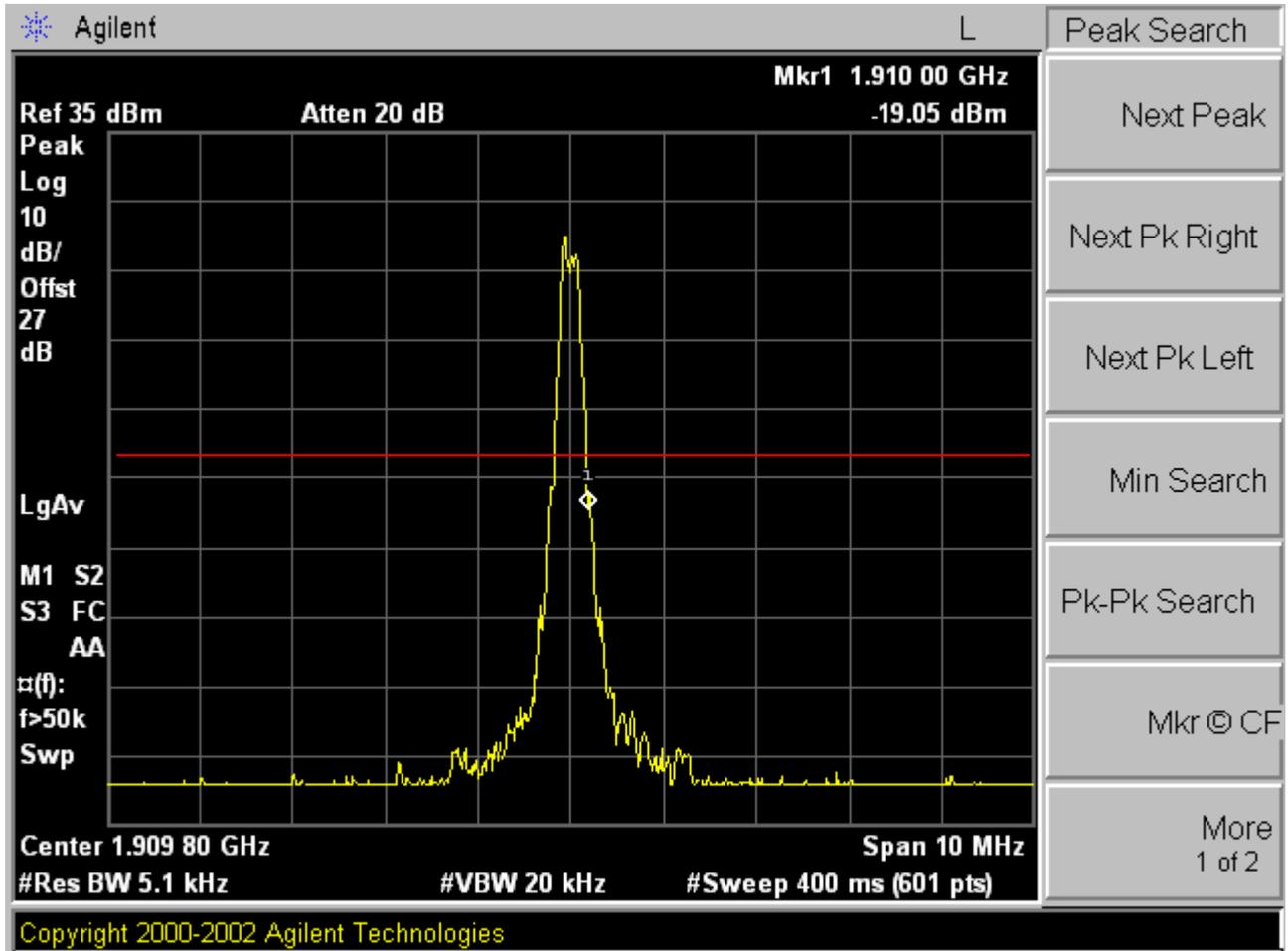


EDGE  
Left Edge  
Channel 512

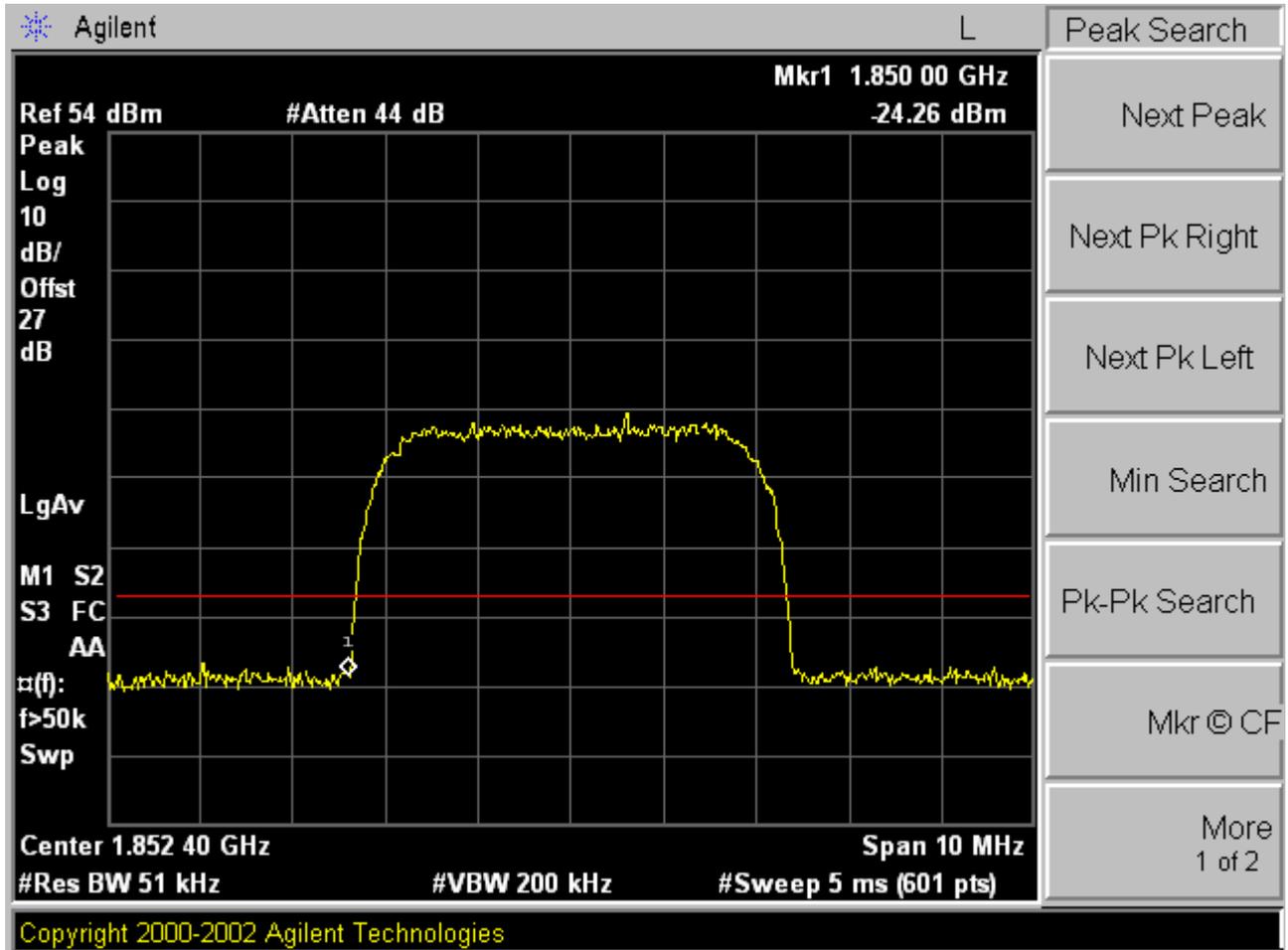


Right Edge

Channel 810



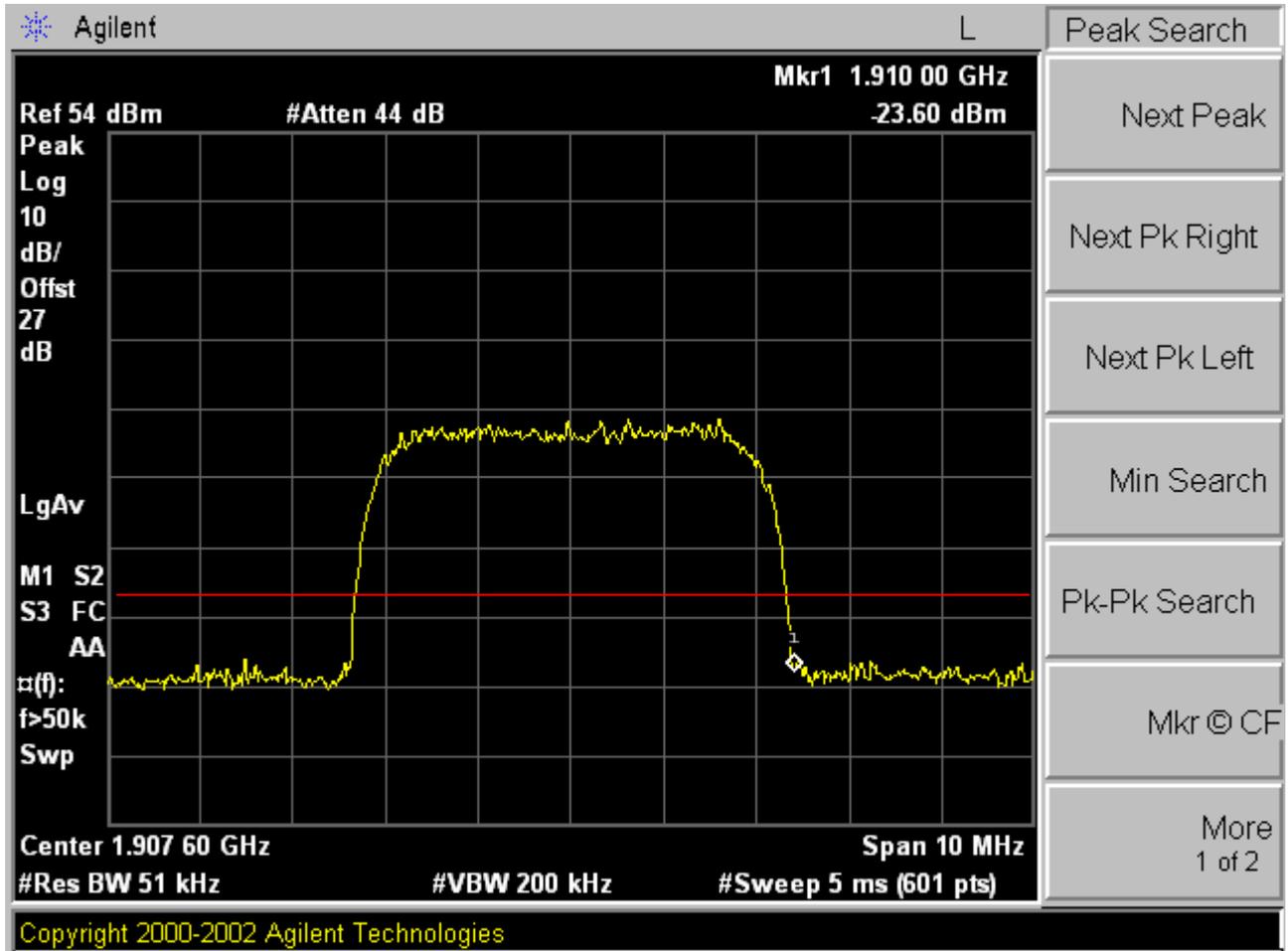
TM3:WCDMA  
Left dge  
Channel 9262



Right Edge



Channel 9538



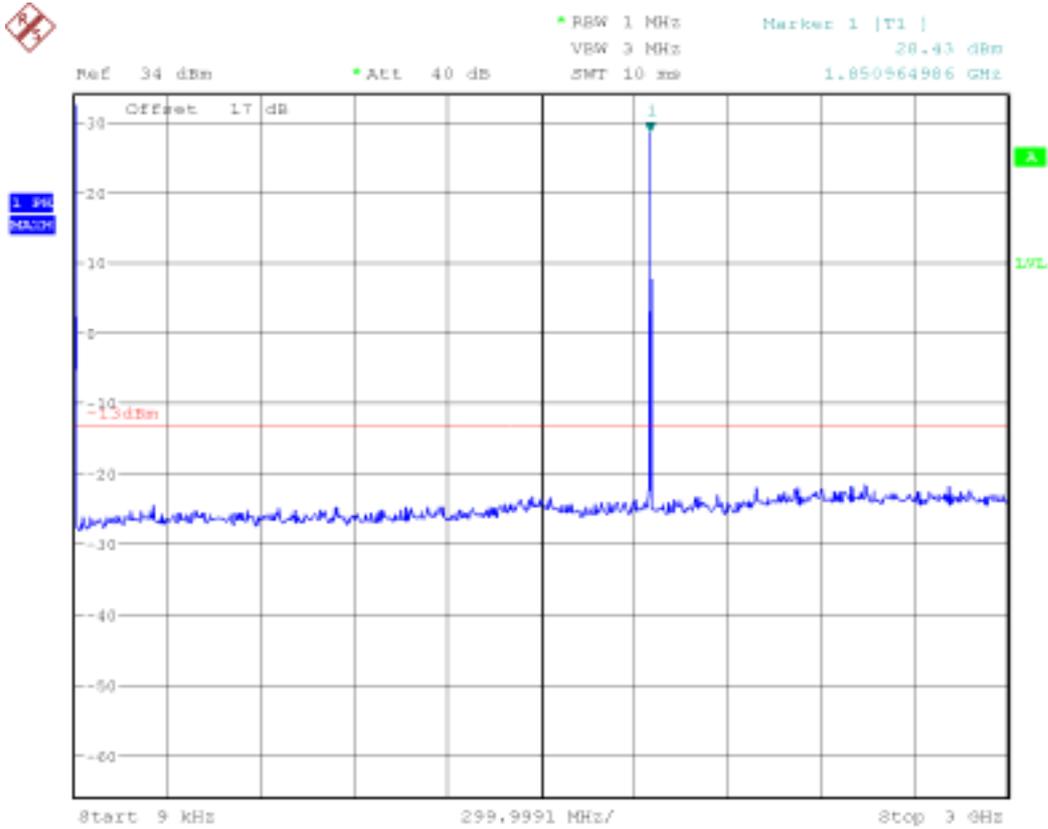
## Appendix D

# Spurious Emission at Antenna Terminal

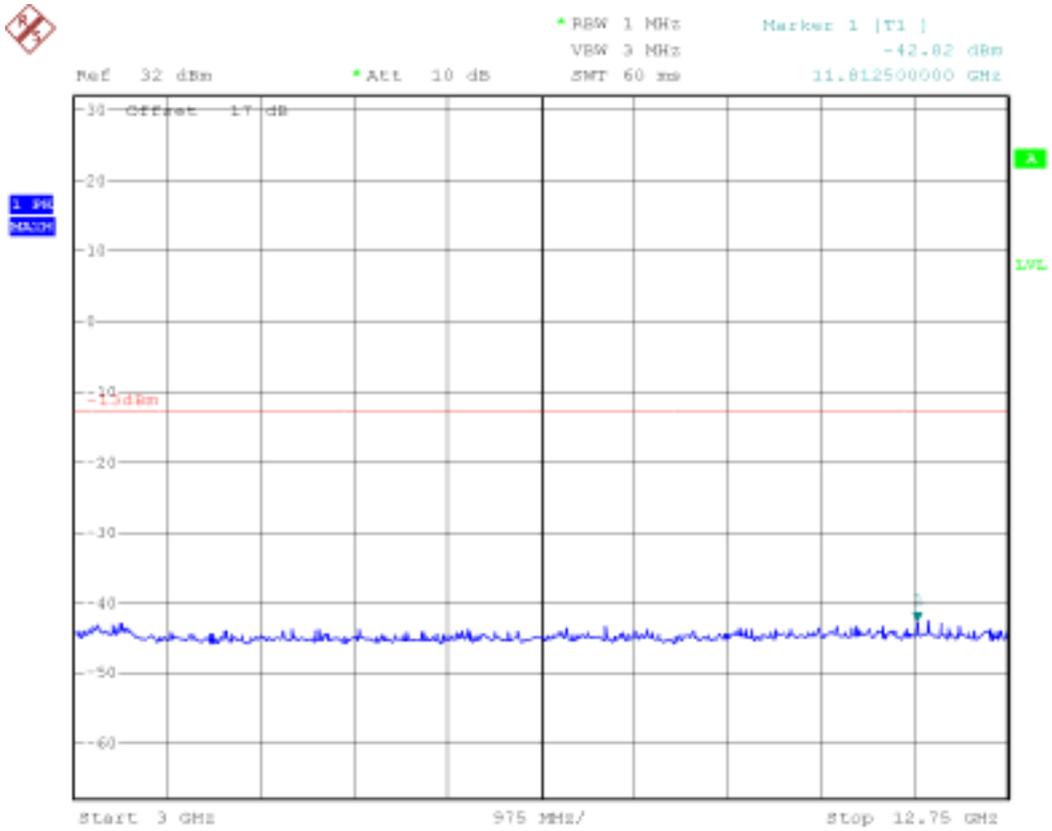
According to FCC Part 2.1051 & 24.238

# TM1:GPRS/GSM

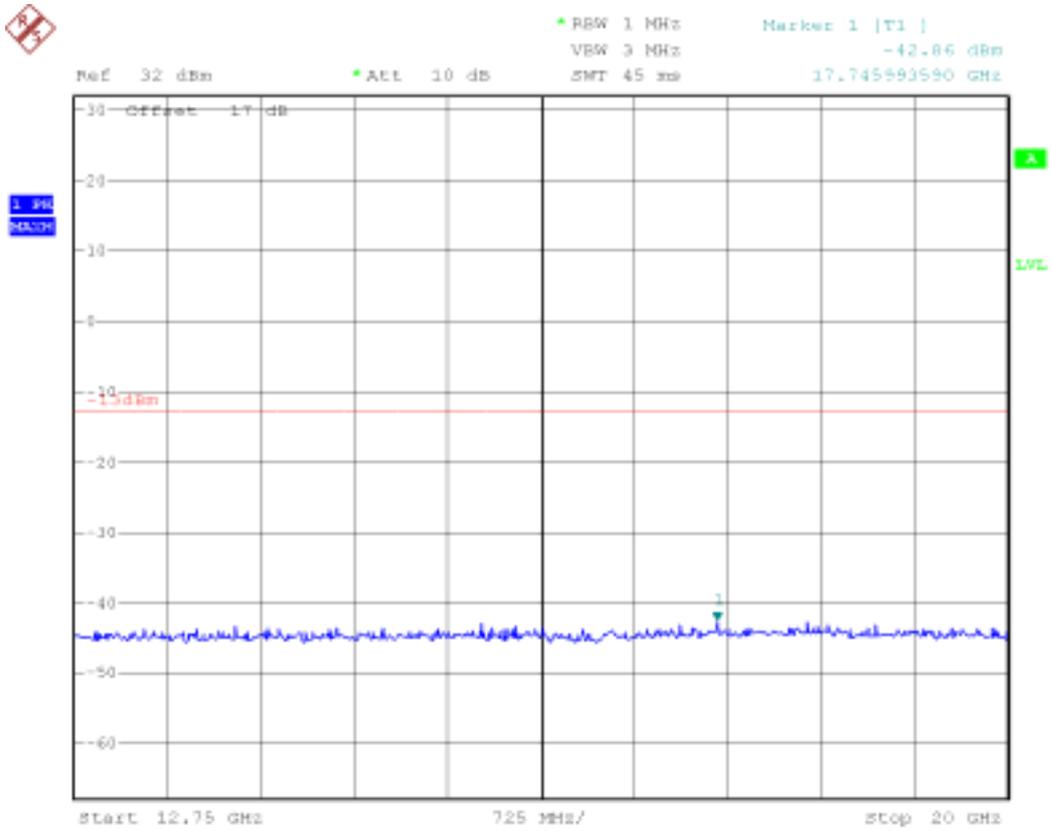
## Channel 512



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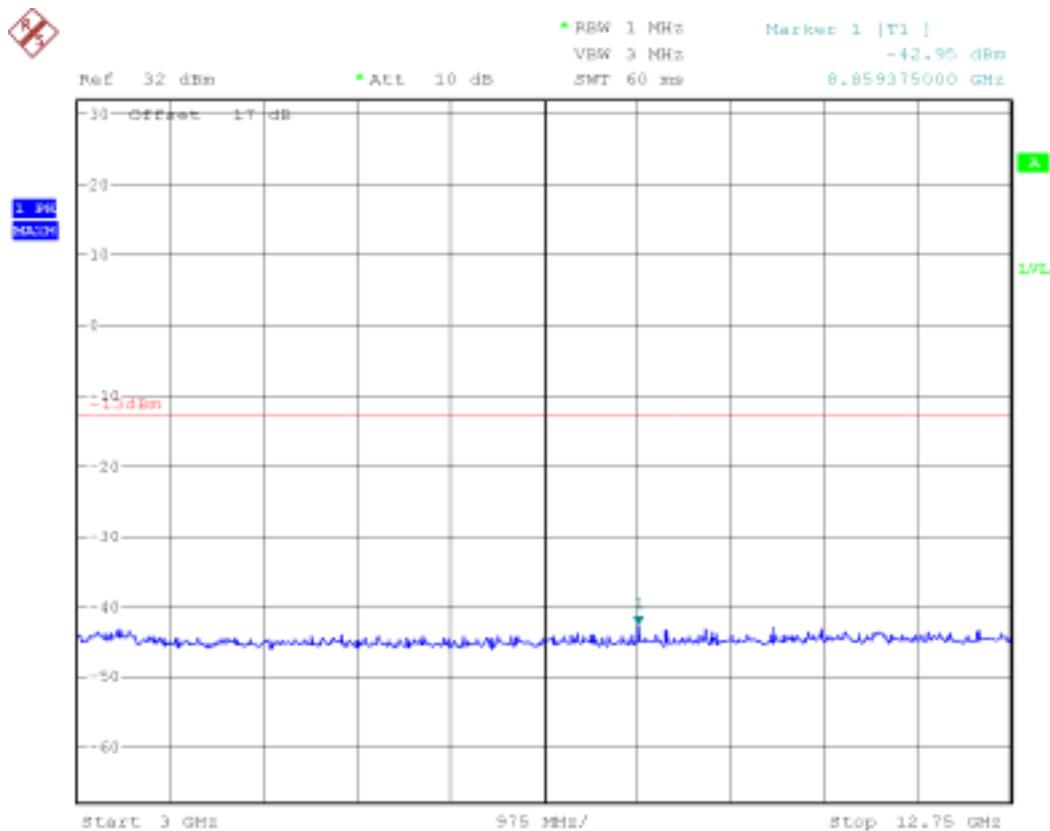


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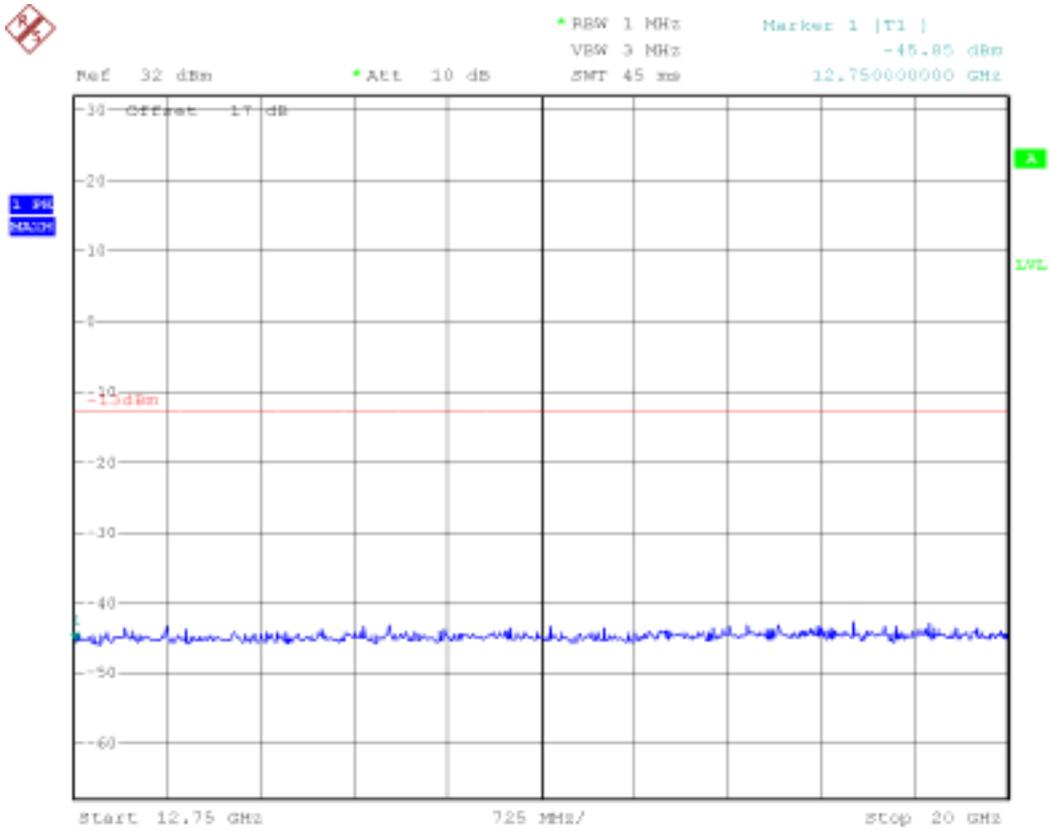


Date: 21.MAY.2007 08:18:58



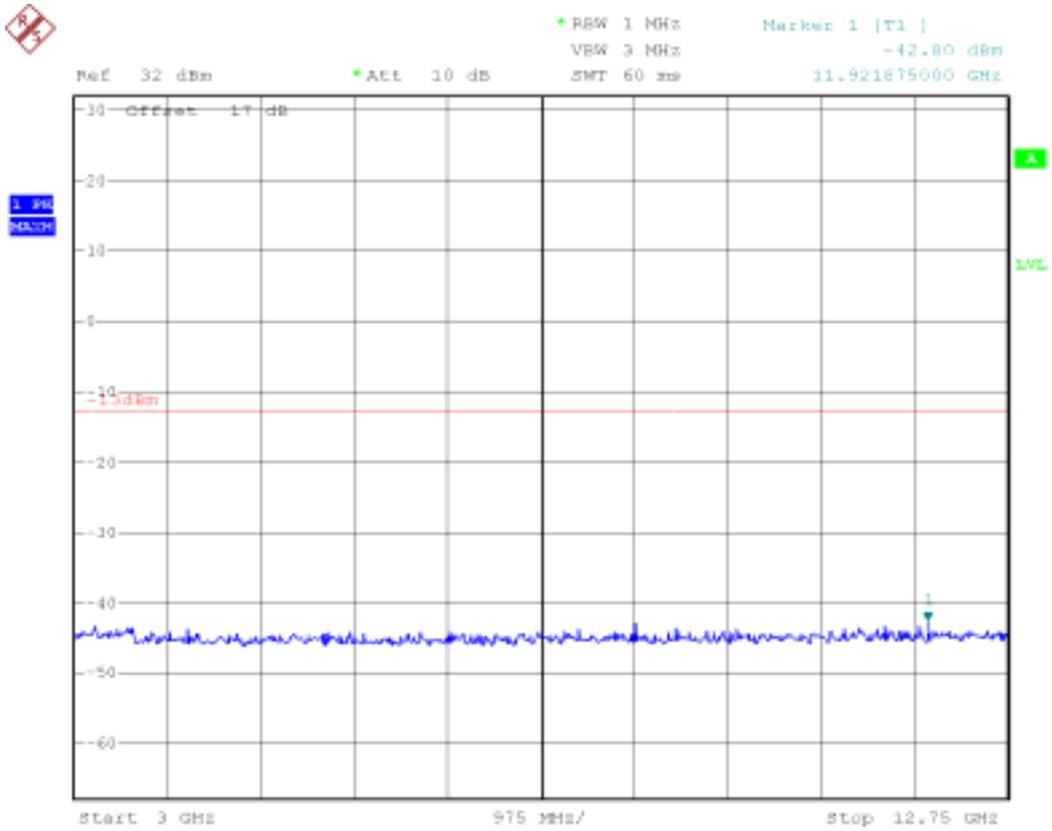


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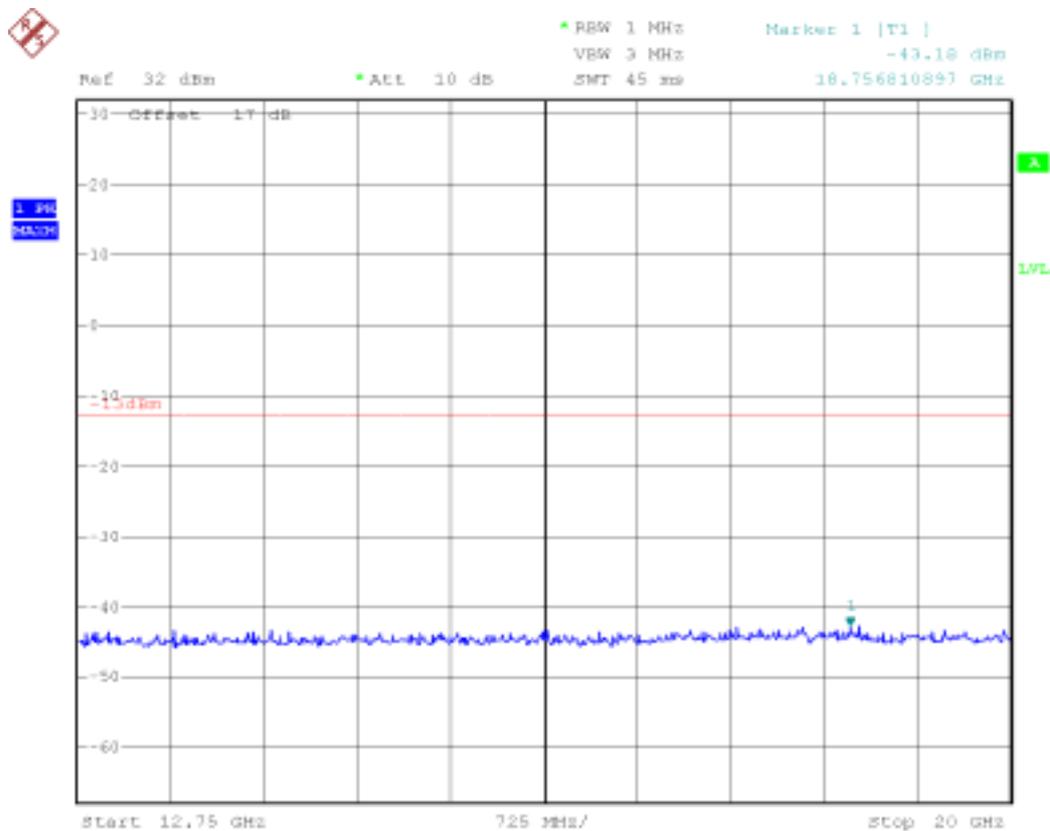


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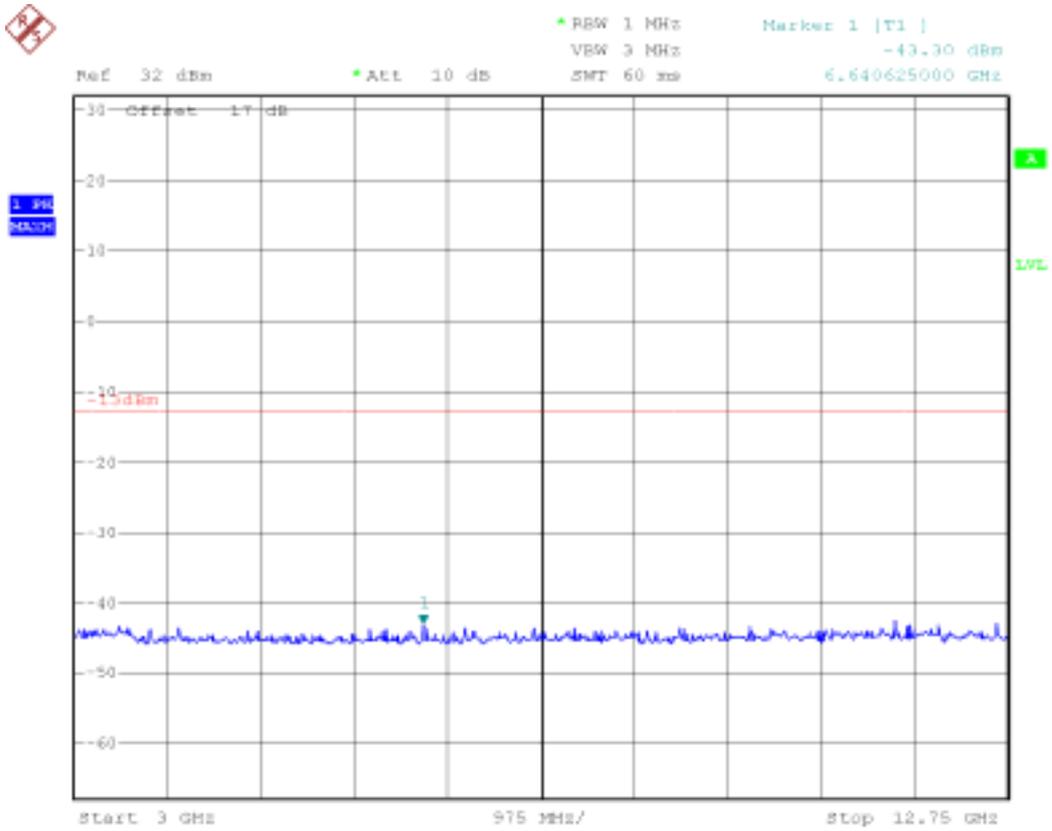


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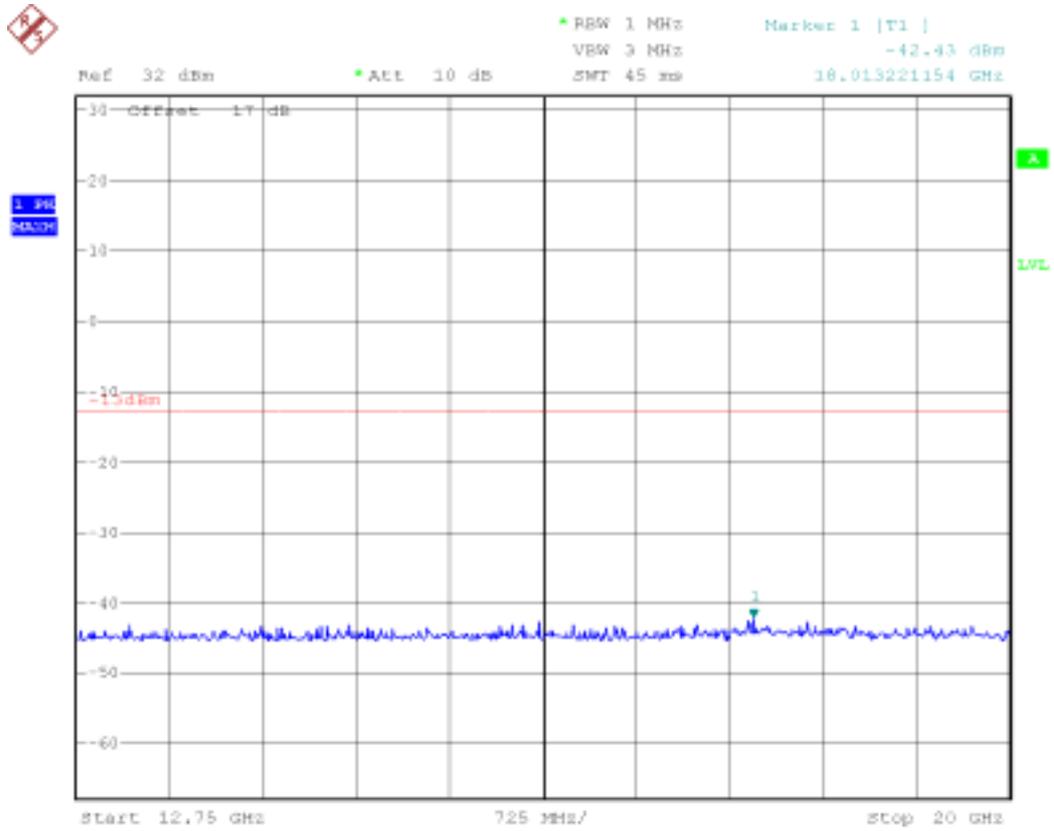


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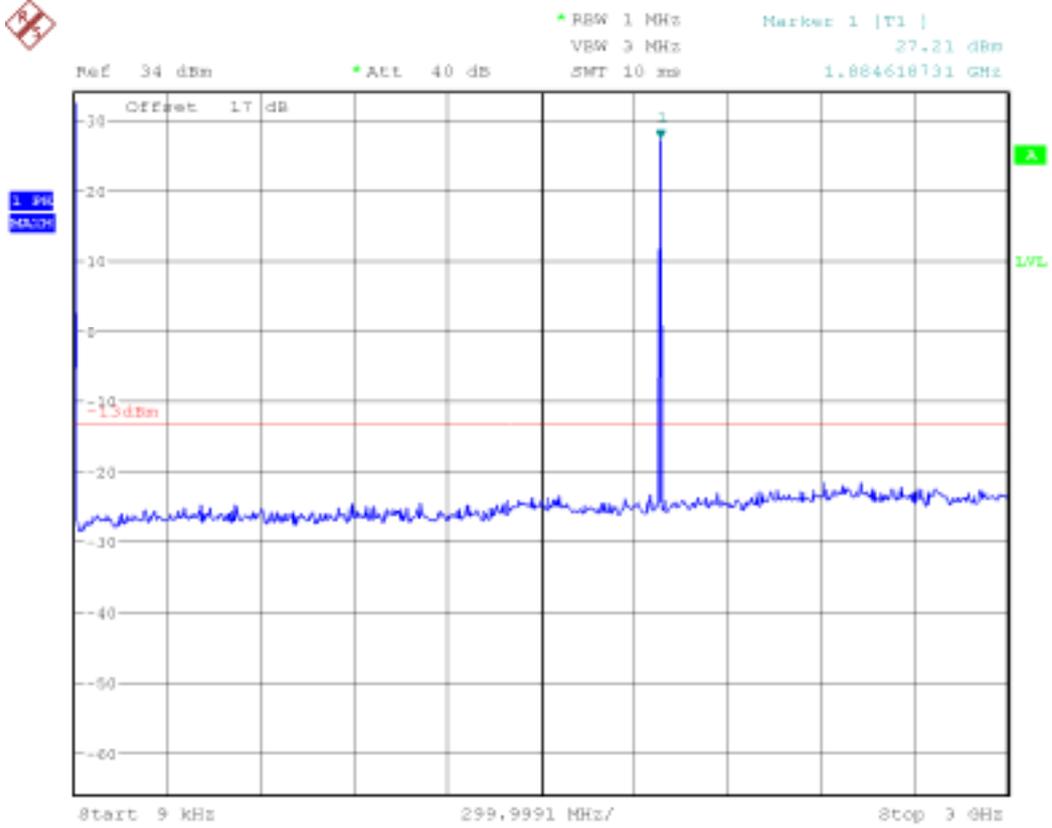


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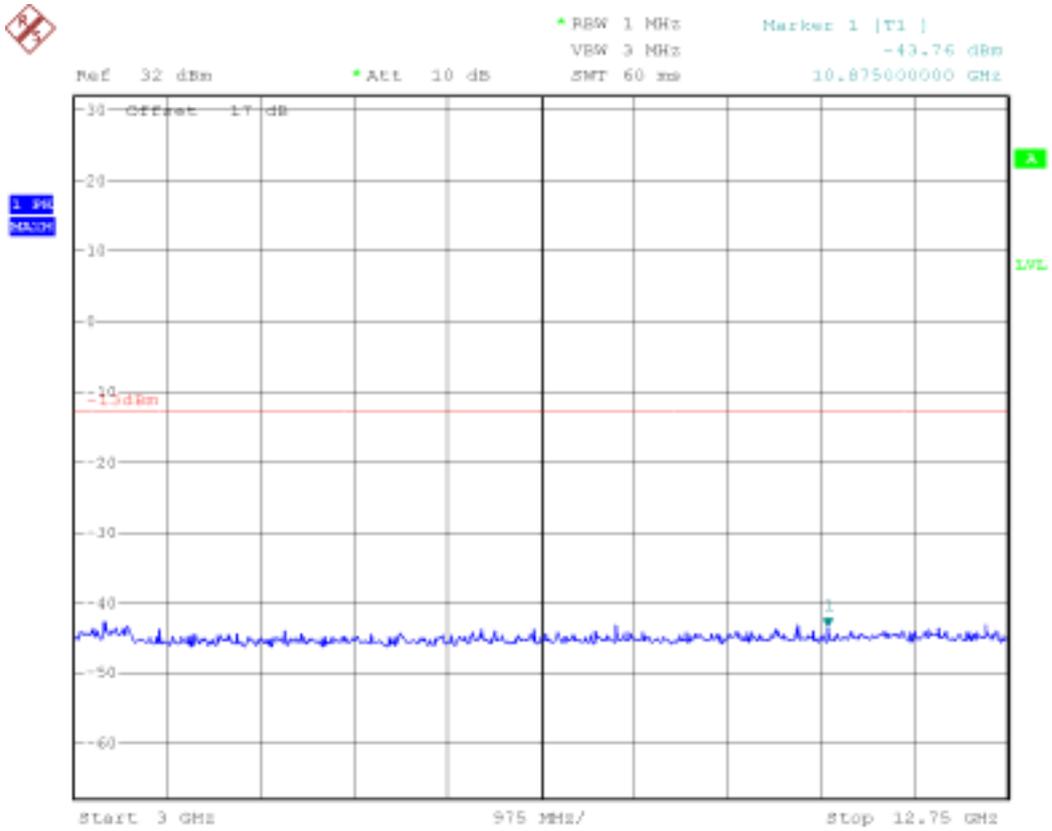


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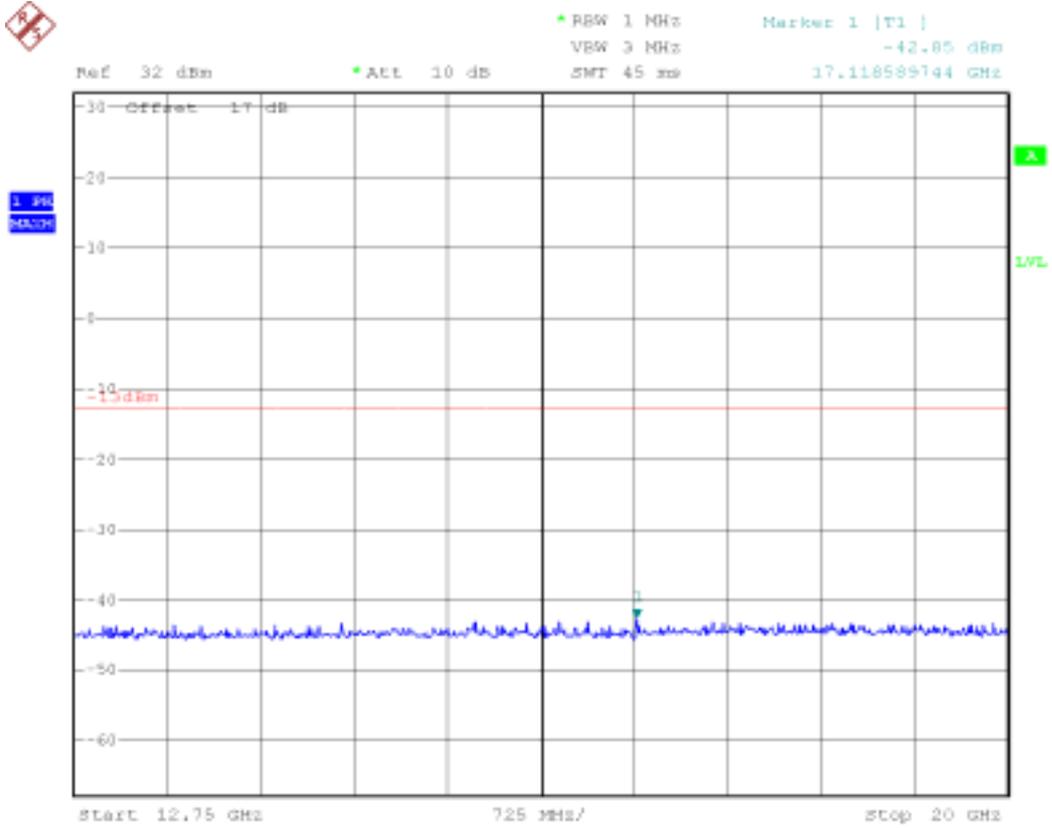
# Channel 661



Date: 21.MAY.2007 07:41:23

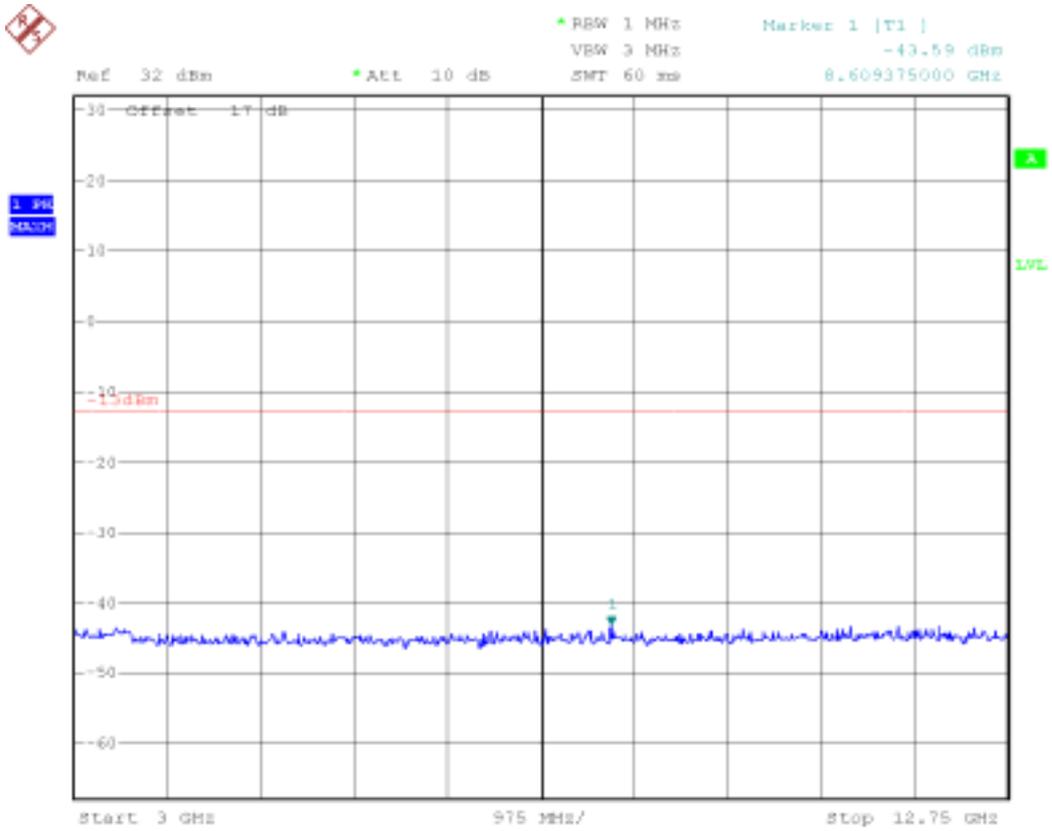


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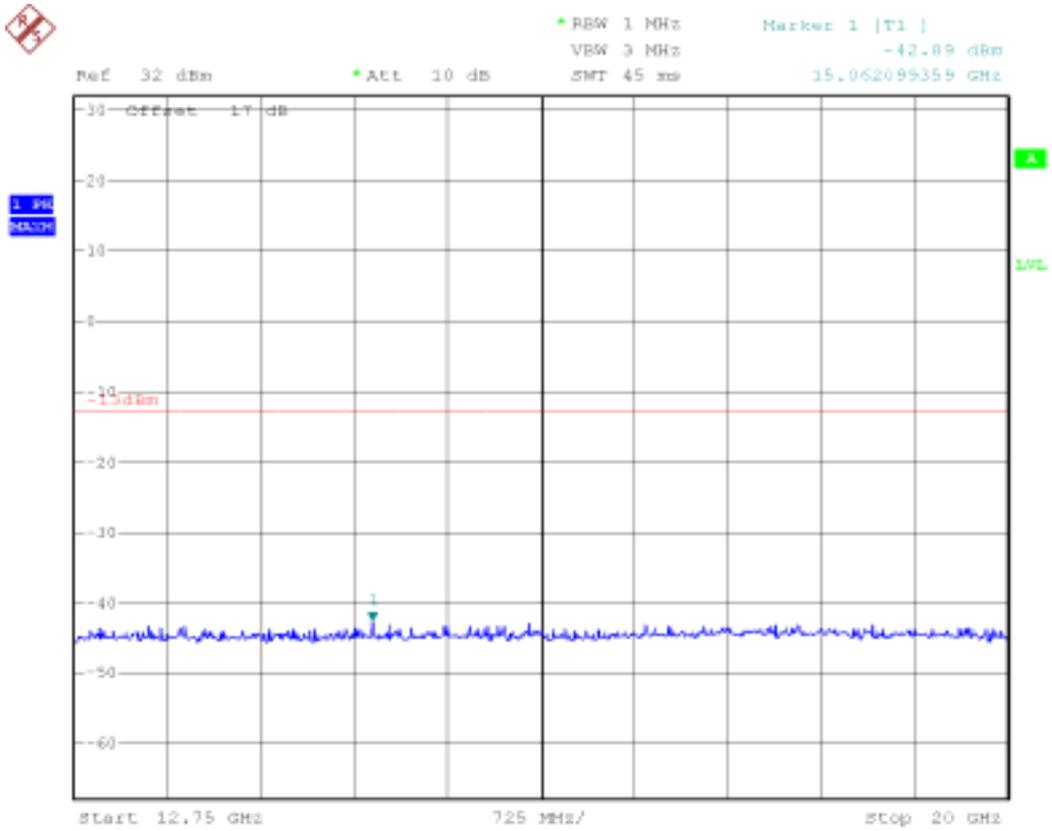


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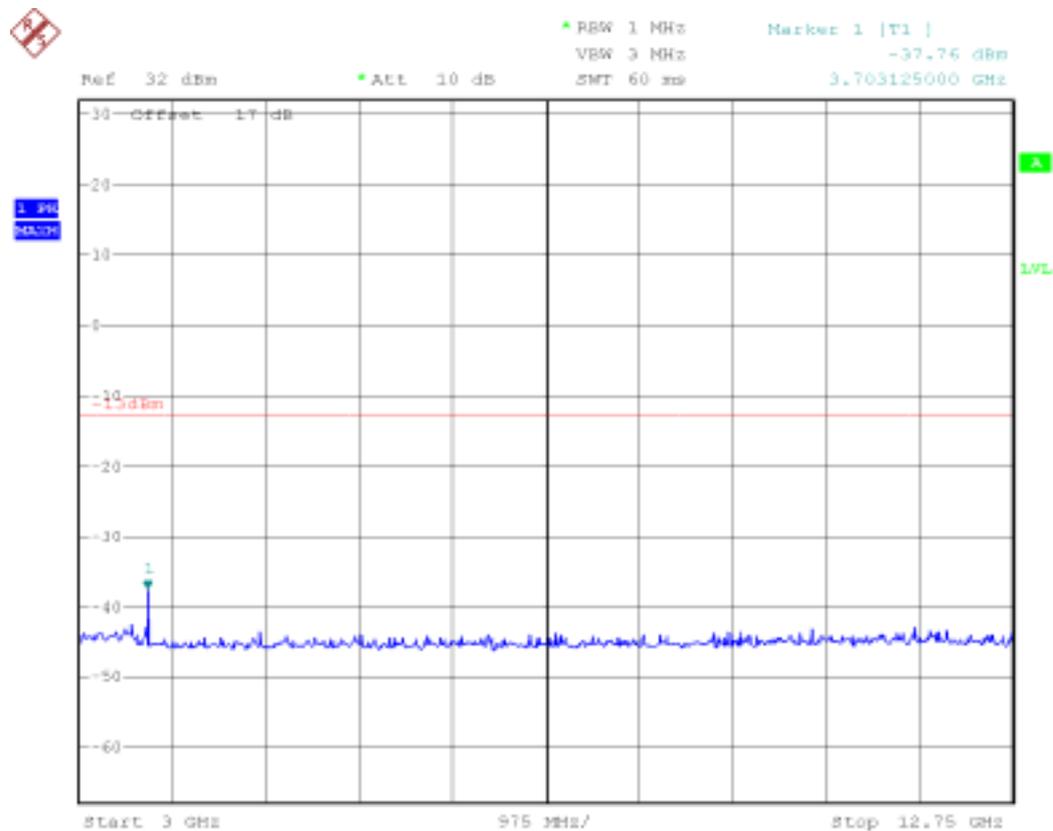


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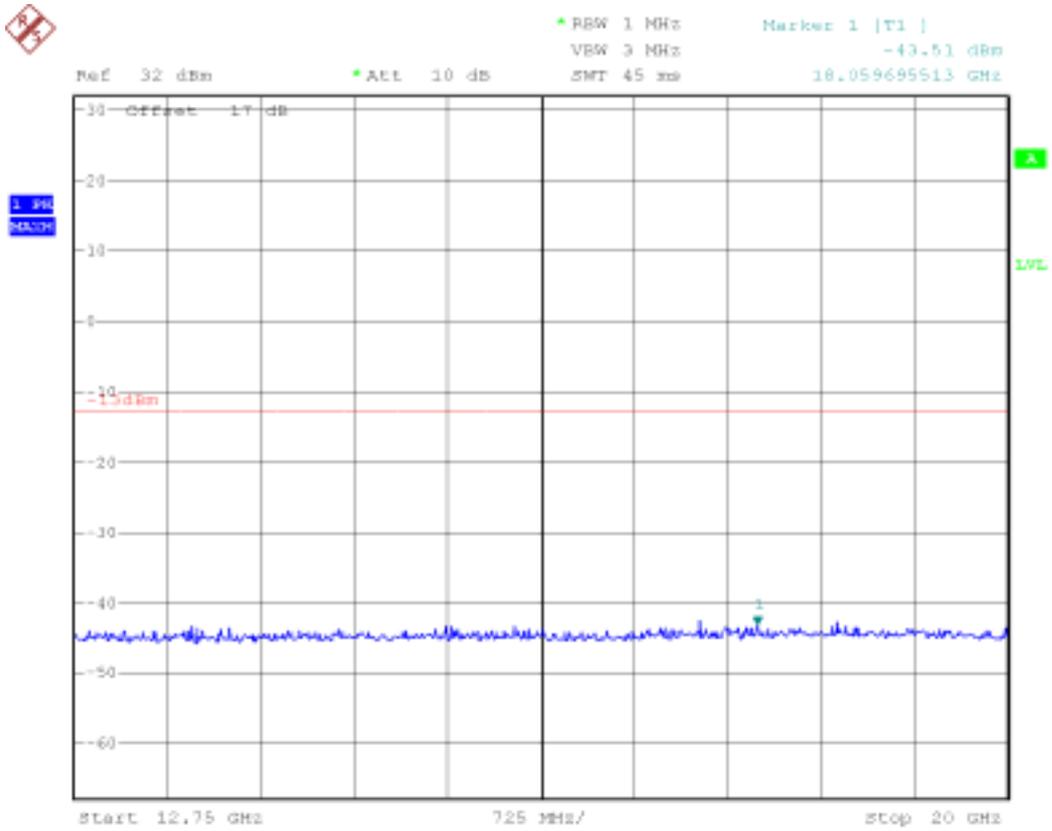


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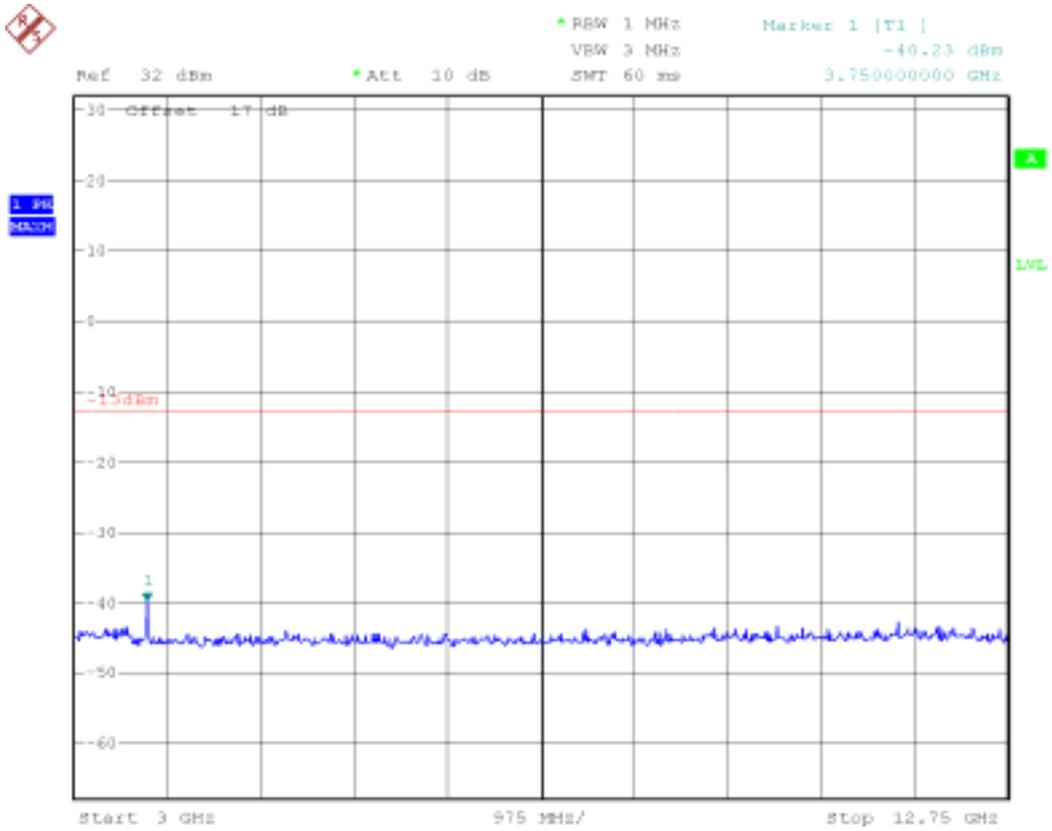


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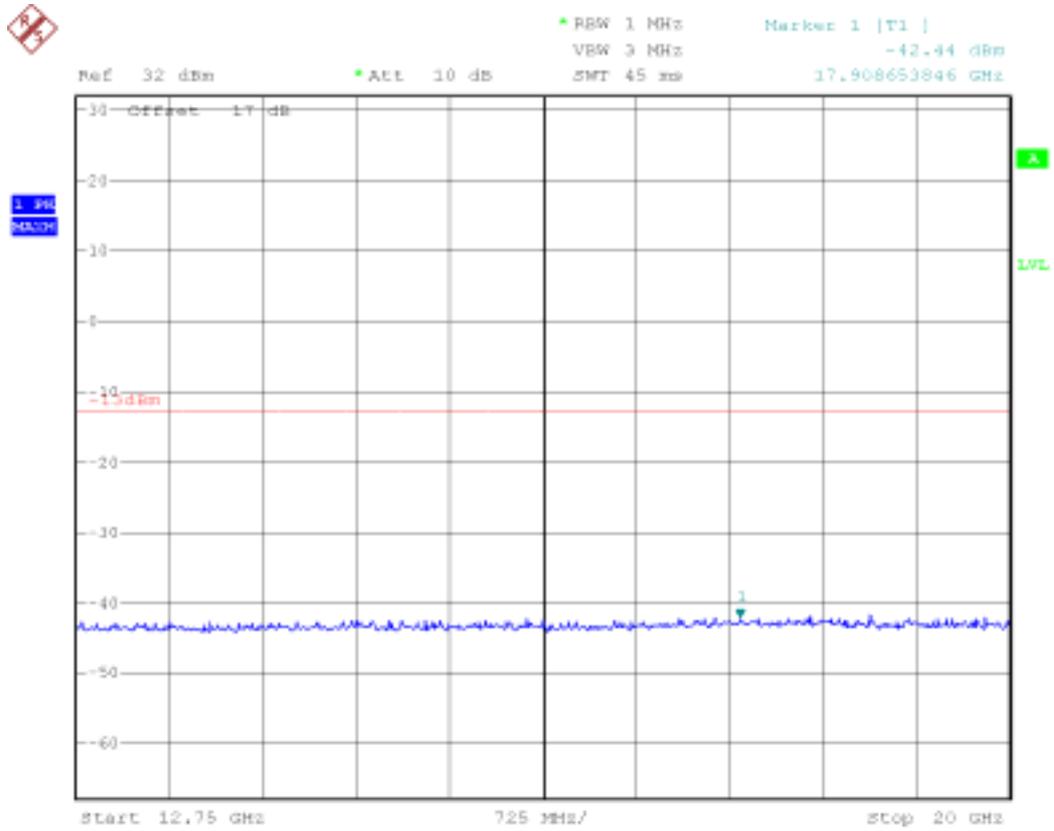


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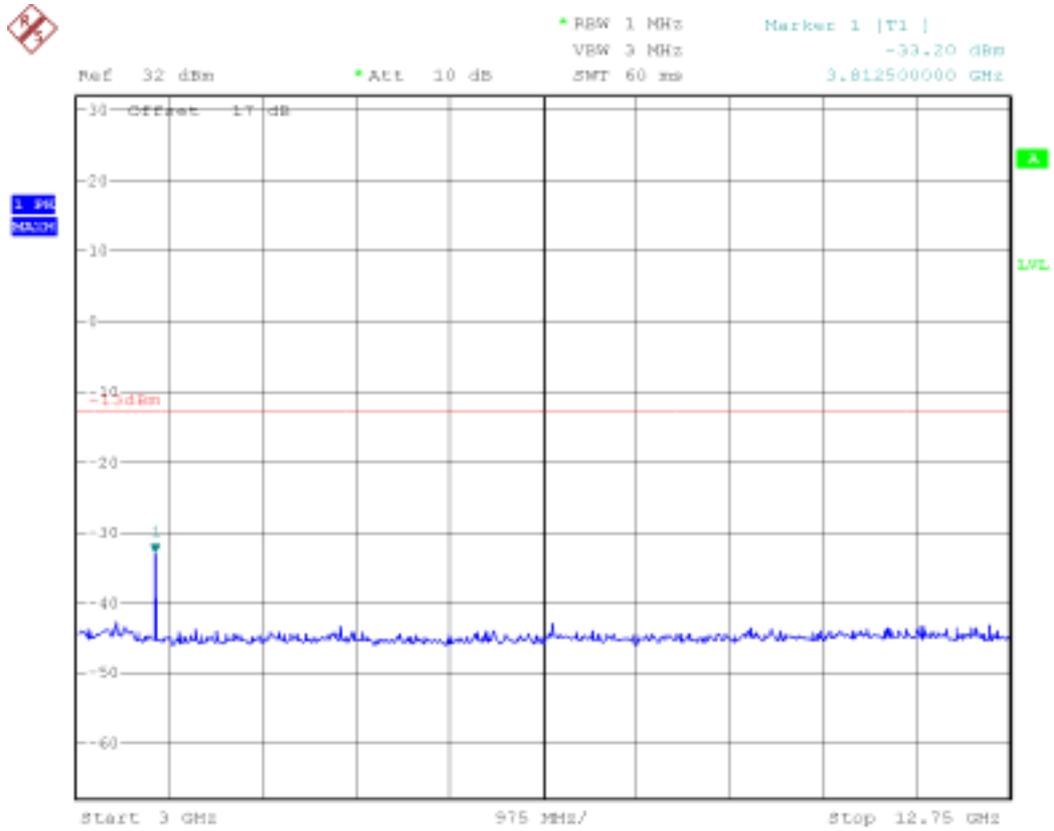


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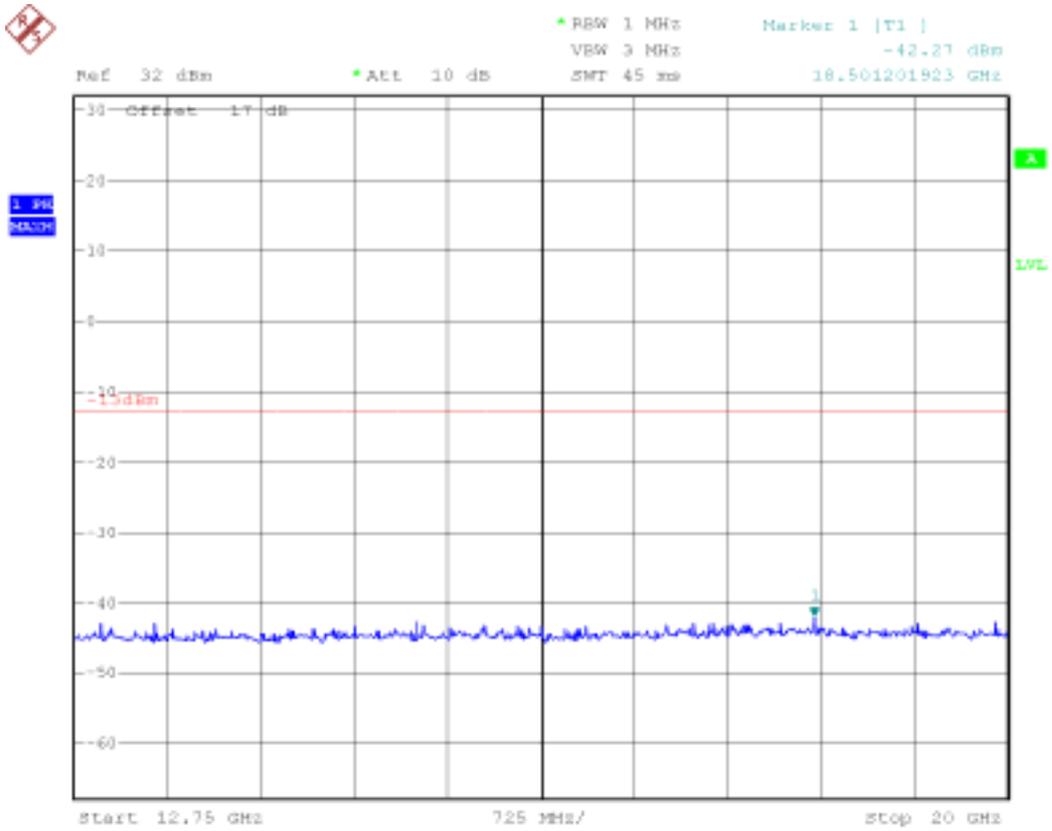


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Date: 21.MAY.2007 07:50:57



Date: 21.MAY.2007 07:53:23

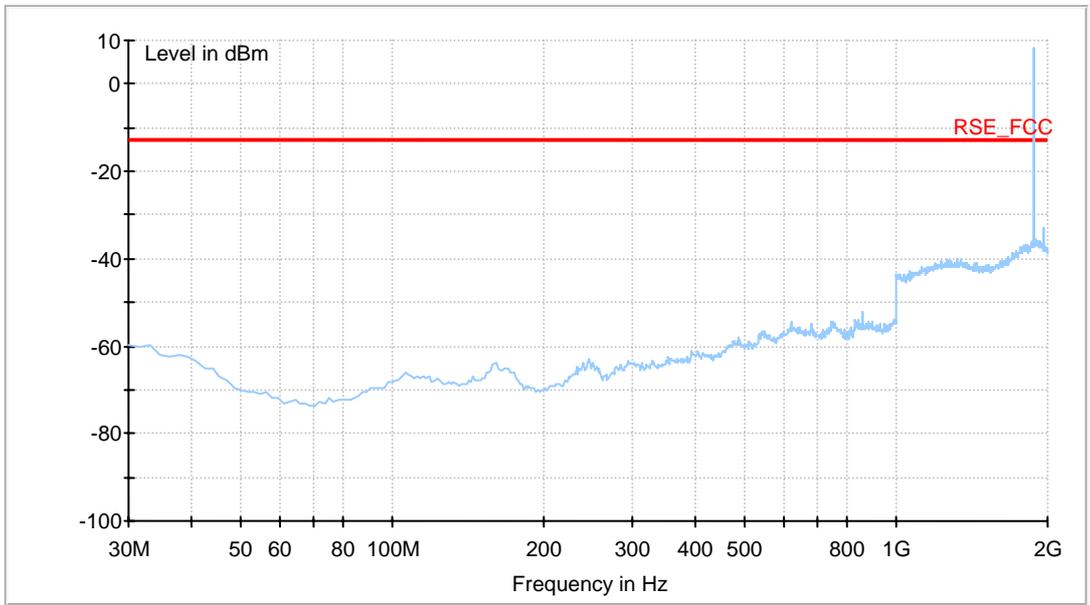
## Appendix E

# Radiated Spurious Emission

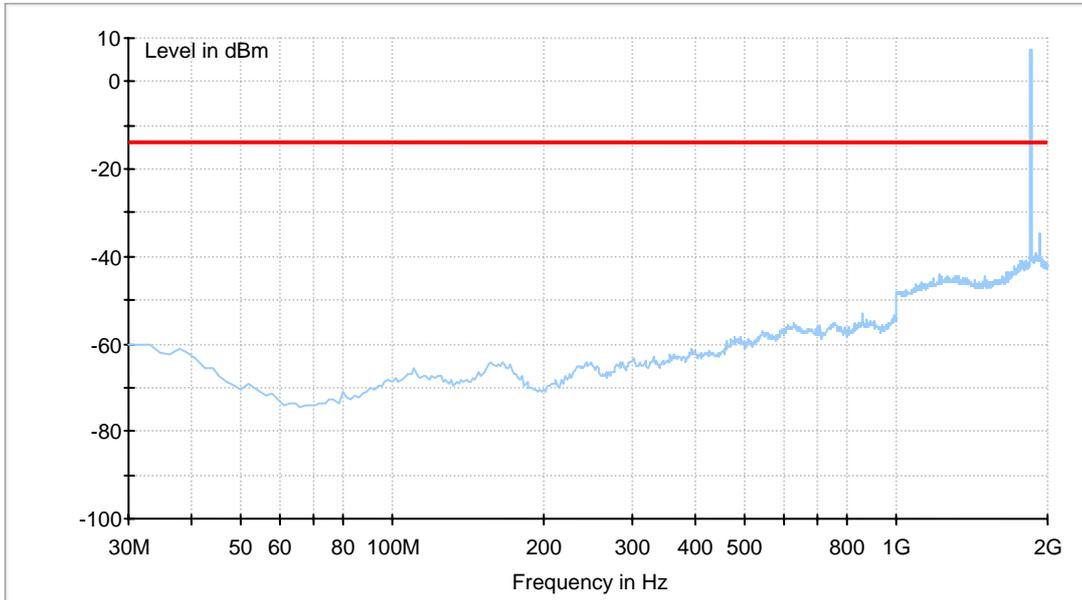
According to FCC Part 2.1053 & 24.238

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

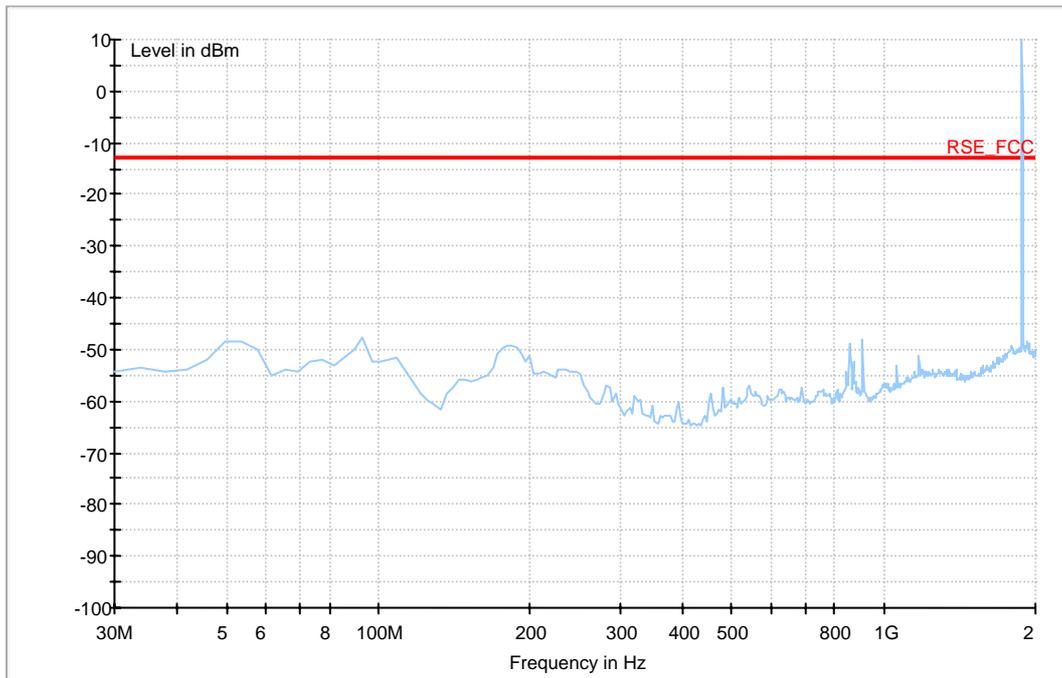
TM1 :



TM2:

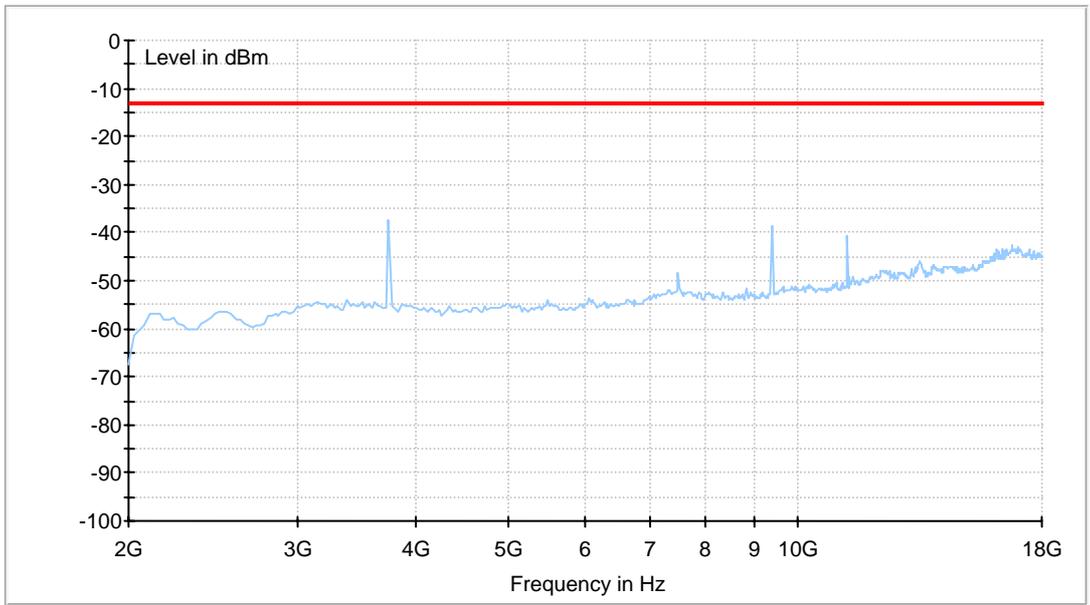


TM3 :

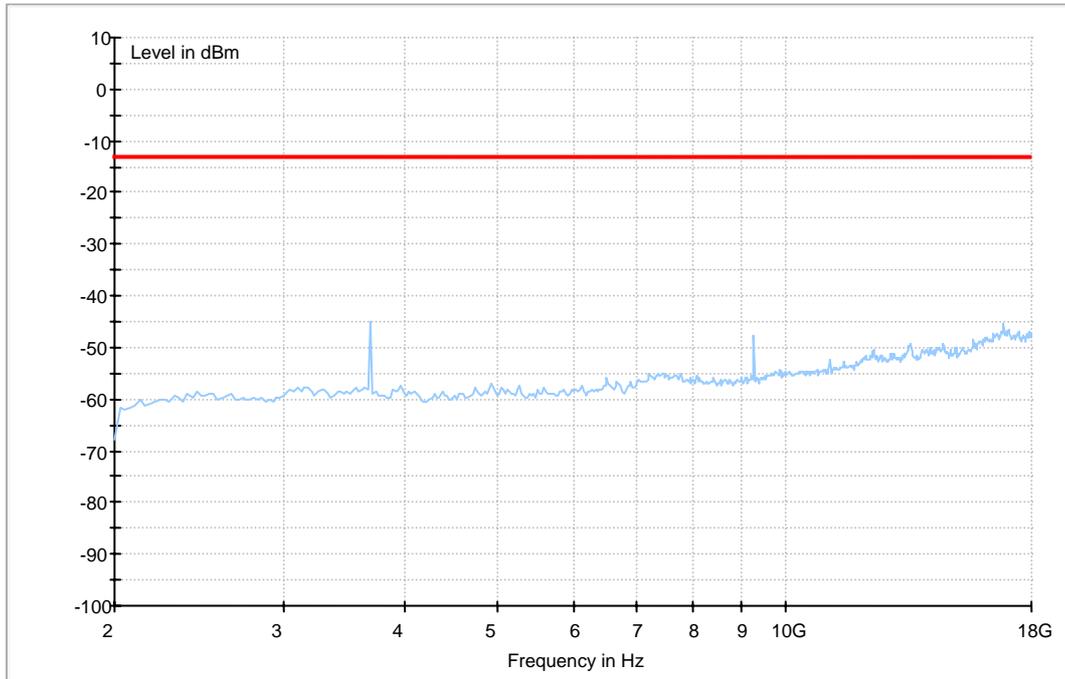


# Traffic Mode (2GHz-18GHz)

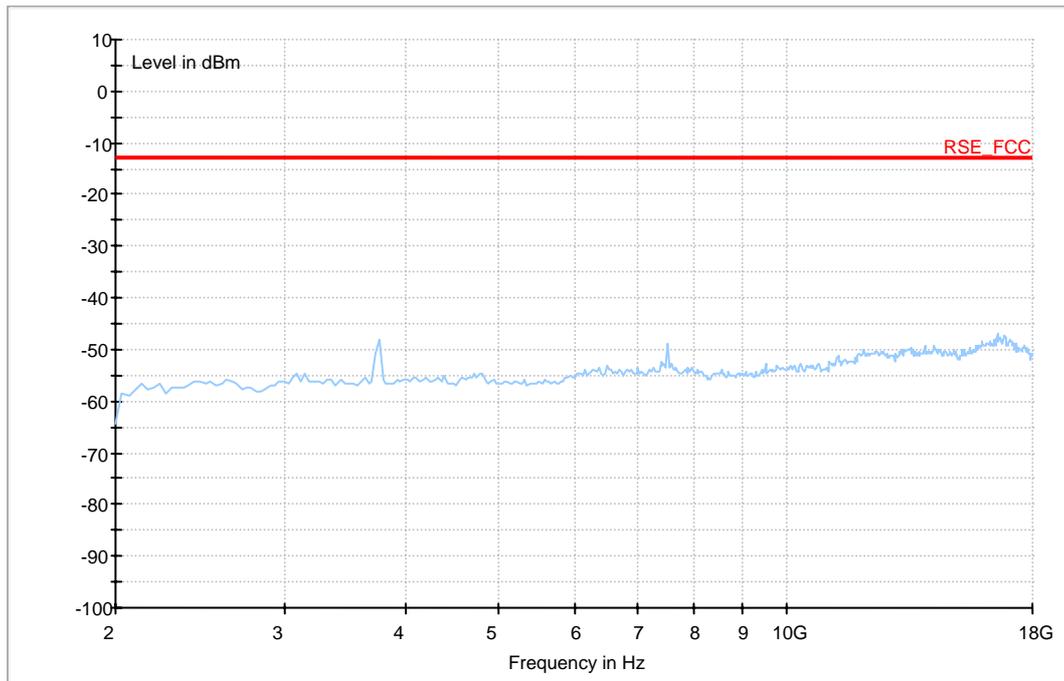
TM1 :



TM2:

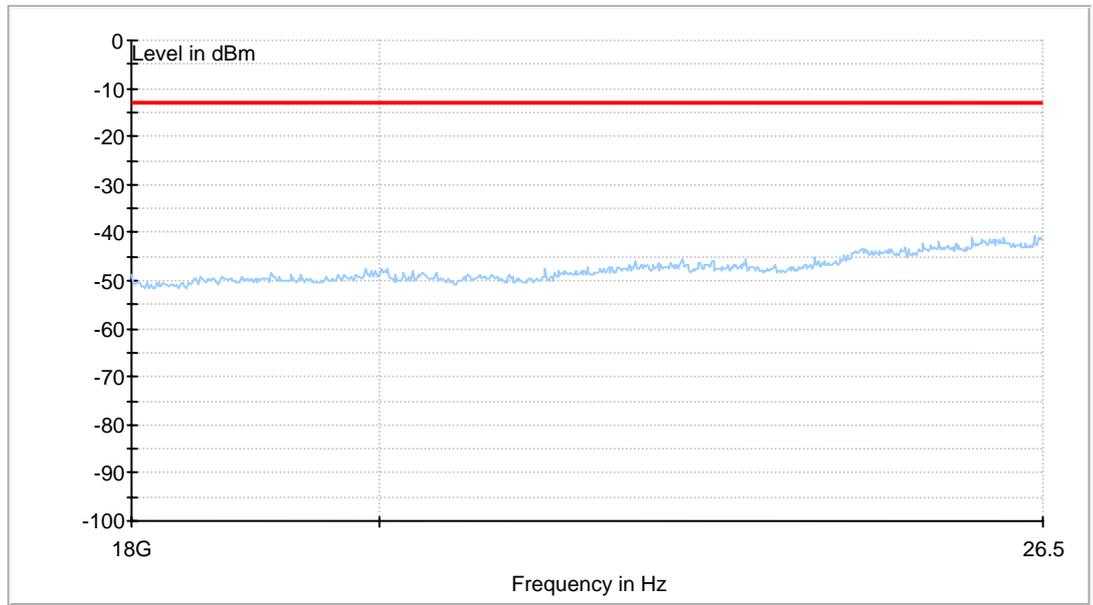


TM3 :

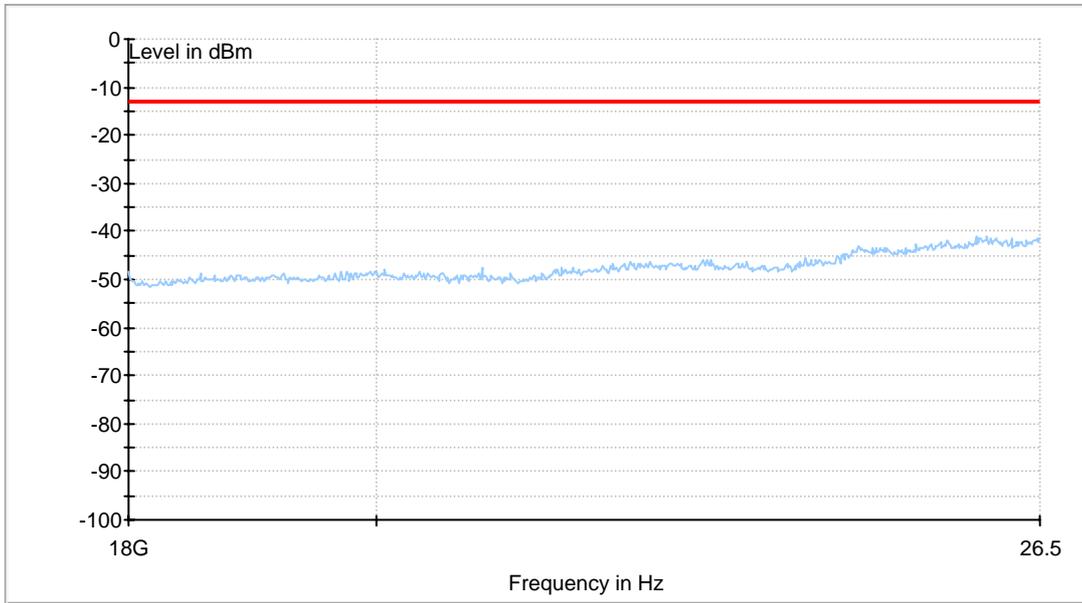


### Traffic Mode (18GHz-26.5GHz)

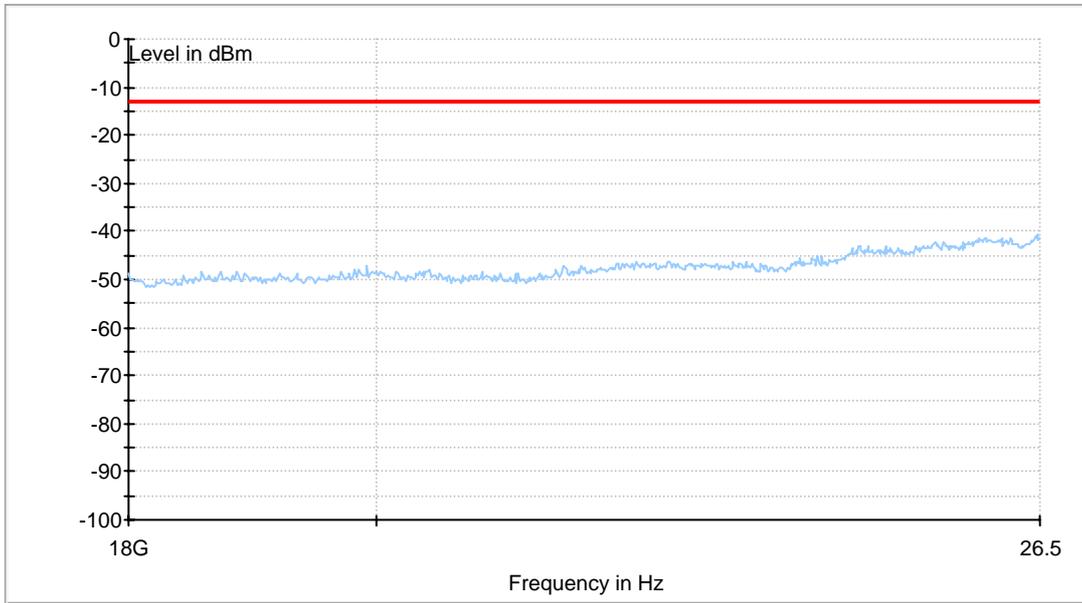
TM1 :



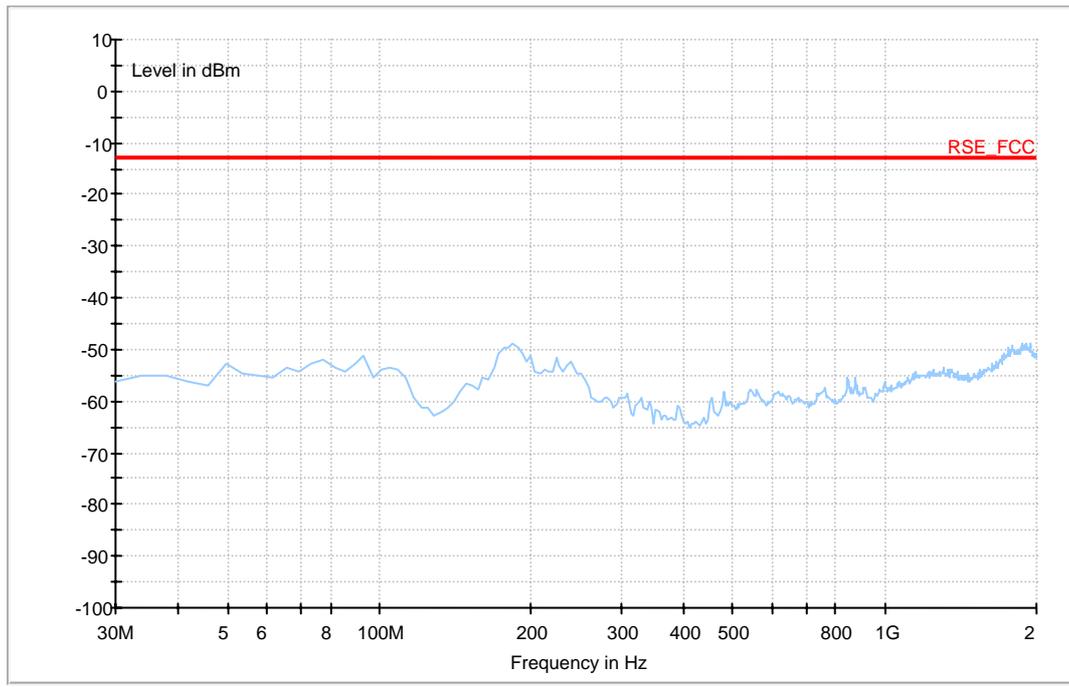
TM2 :



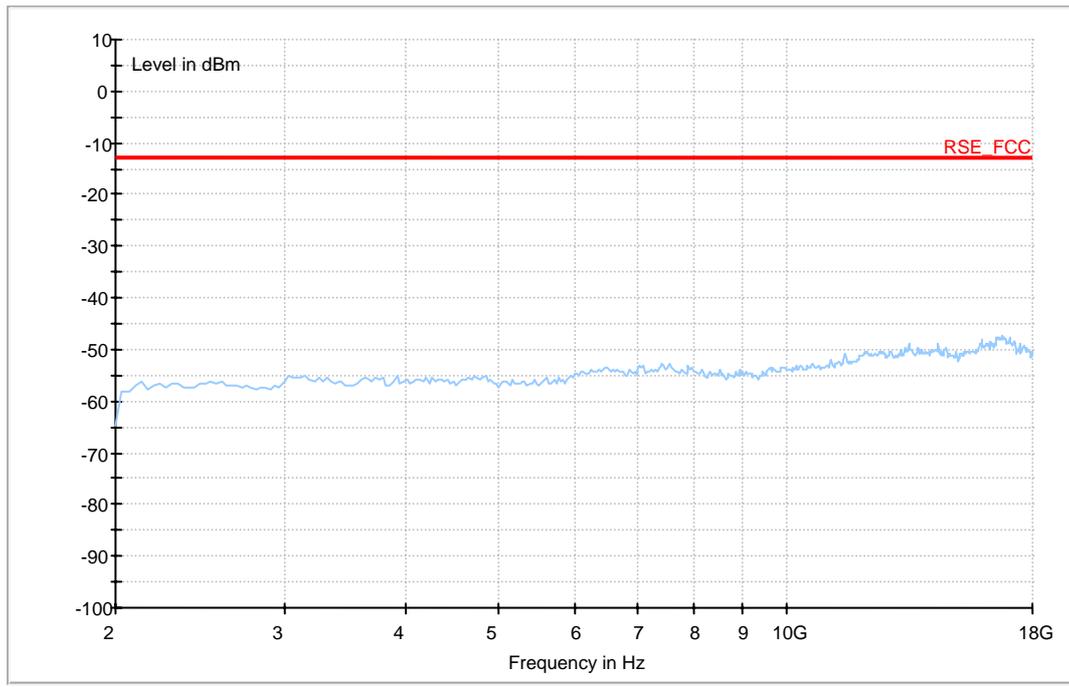
TM3 :



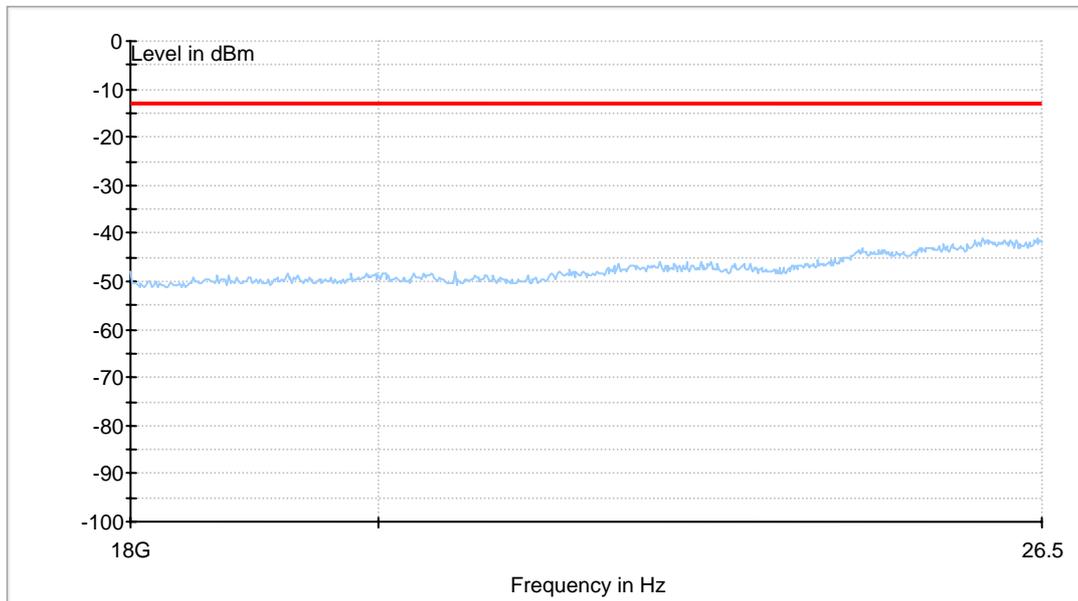
### Idle Mode (30MHz-2GHz)



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



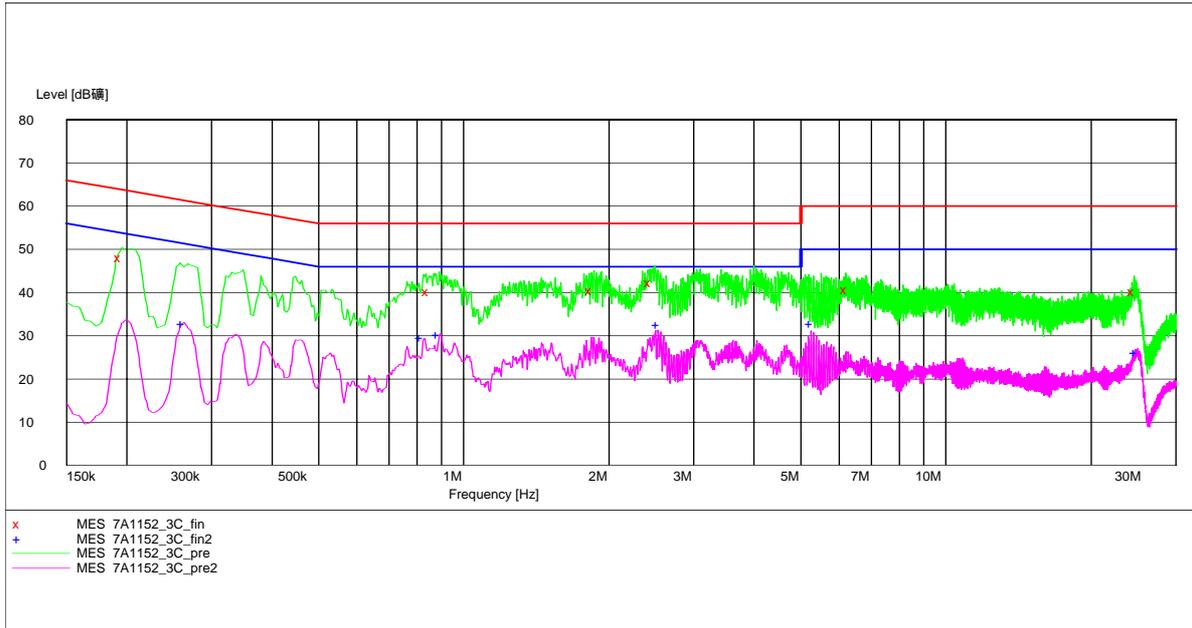
### Idle Mode (18GHz-26.5GHz)



## Appendix F

# Conducted Emission at Power Port

According to FCC Part 15.107



MEASUREMENT RESULT:QP DETECTOR

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.195000	48.00	10.5	64	15.8	N	FLO
0.847500	40.10	9.9	56	15.9	L3	FLO
1.846500	40.40	10.1	56	15.6	L3	FLO
2.449500	42.30	10.1	56	13.7	L3	FLO
6.252000	40.70	10.2	60	19.3	L3	FLO
24.675000	40.30	14.9	60	19.7	N	FLO

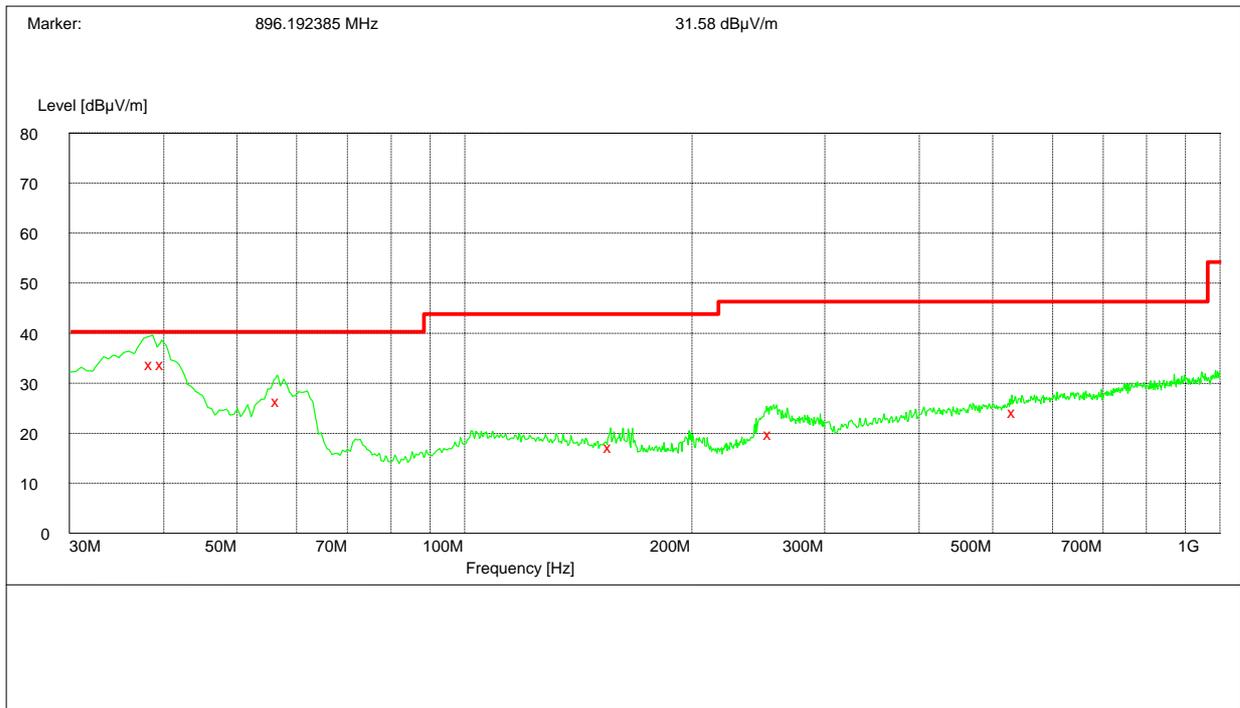
MEASUREMENT RESULT:AV DETECTOR

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.262500	32.80	10.3	51	18.6	L3	FLO
0.820500	29.60	9.9	46	16.4	L3	FLO
0.888000	30.20	9.9	46	15.8	L3	FLO
2.539500	32.50	10.1	46	13.5	L3	FLO
5.280000	32.90	10.2	50	17.1	L3	FLO
24.877500	26.00	14.8	50	24.0	L3	FLO

## Appendix G

# Radiated Emission of Enclosure in Idle Mode

According to FCC Part 15.109



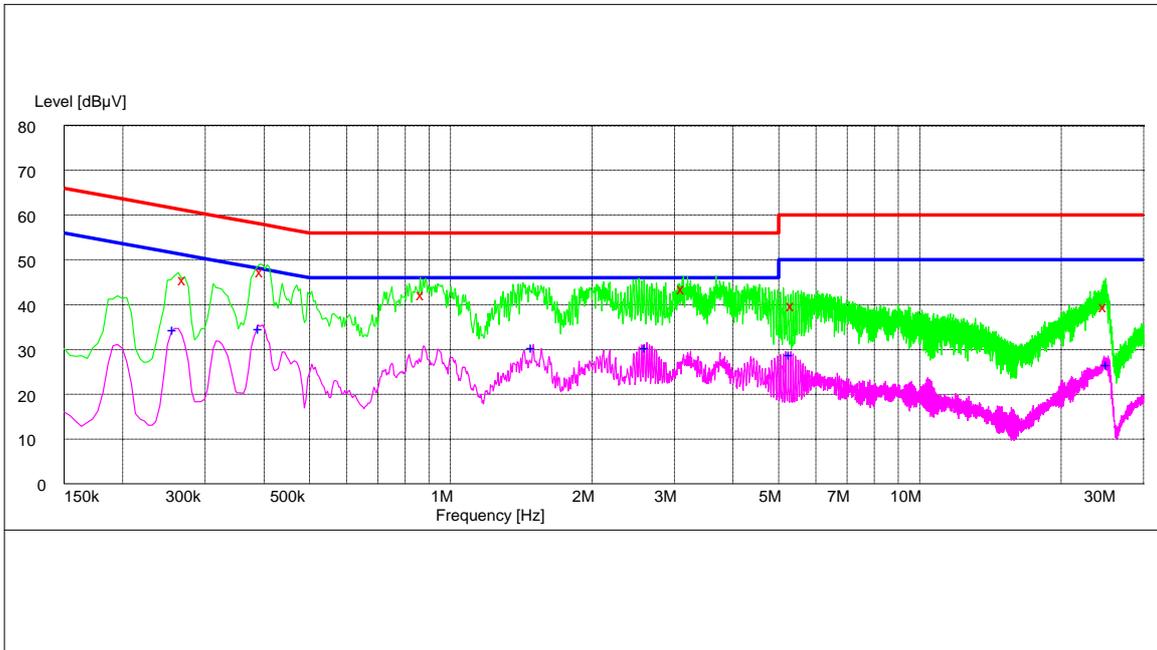
MEASUREMENT RESULT: QP DECTER

Frequency ( MHz )	Level ( dBµV/m )	Transd ( dB )	Limit ( dBµV/m )	Margin ( dB )	Height ( cm )	Azimuth ( deg )	Polarisation
38.640000	33.90	-8.9	40.0	6.1	104.0	0.00	VERTICAL
39.900000	33.90	-9.5	40.0	6.1	113.0	87.00	VERTICAL
56.820000	26.50	-15.9	40.0	13.5	100.0	72.00	VERTICAL
156.420000	17.40	-11.5	43.5	26.1	177.0	330.00	HORIZONTAL
254.340000	20.00	-7.8	46.0	26.0	135.0	154.00	HORIZONTAL
535.200000	24.40	-2.4	46.0	21.6	135.0	0.00	VERTICAL

## Appendix F

# Conducted Emission at Power Port

According to FCC Part 15.107



MEASUREMENT RESULT:QP DECTECTOR

Frequency (MHz)	Level (dBµV)	Transd (dB)	Limit (dBµV)	Margin (dB)	Line	PE
0.271500	46.10	10.3	61	15.0	L3	FLO
0.397500	47.70	10.1	58	10.2	L3	FLO
0.874500	42.60	9.9	56	13.4	L3	FLO
3.133500	44.00	10.1	56	12.0	L3	FLO
5.379000	40.20	10.1	60	19.8	L3	FLO
24.954000	40.00	14.8	60	20.0	N	FLO

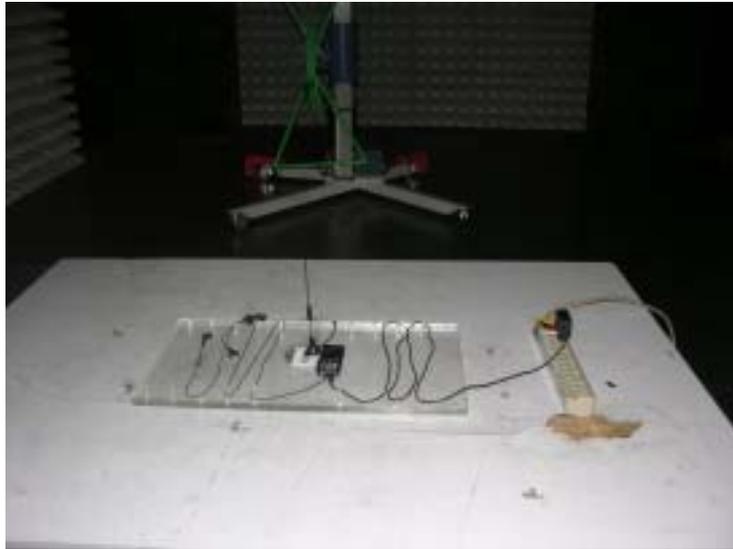
MEASUREMENT RESULT:AV DECTECTOR

Frequency (MHz)	Level (dBµV)	Transd (dB)	Limit (dBµV)	Margin (dB)	Line	PE
0.258000	34.80	10.3	52	16.7	L3	FLO
0.393000	35.00	10.1	48	13.0	L3	FLO
1.500000	30.90	9.9	46	15.1	L3	FLO
2.620500	30.90	10.1	46	15.1	L3	FLO
5.307000	29.20	10.2	50	20.8	L3	FLO
25.188000	26.90	14.7	50	23.1	L3	FLO

## Appendix H

### Photos of Test Setup

## 1 Radiated Emissions



Radiated Disturbance

## 2 Radiated Spurious Emissions



Radiated Spurious Emission (below 2GHz)



Radiated Spurious Emission (2GHz to18GHz)



Radiated Spurious Emission (above 18GHz)

### 3 Conducted Emissions



Conducted Emissions for AC Ports