

Appendix A

Effective Radiated Power of Transmitter

According to FCC Part 2.1046 & 24.232

Channel 25

TM1:

Measurement/Instrument Screen									
Control	Maximum/Minimum Power						Call Parm		
Max/Min Power Setup ▾	Maximum Power		Minimum Power				Cell 1 Power		
	23.63		-59.19				-25.00		
	dBm		dBm/1.23 MHz				dBm/1.23 MHz		
Maximum Power Setup ▾							Cell Band		
							US PCS		
Minimum Power Setup ▾							Channel		
	Single						25		
							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 Parm			
Max/Min Power Setup ▾	Maximum Power		Minimum Power				Cell 1 Power	-25.00		
	23.81		-59.04				dBm/1.23 MHz			
Maximum Power Setup ▾	dBm		dBm/1.23 MHz				Cell Band	US PCS		
Minimum Power Setup ▾							Channel	25		
							Protocol Rev	6 (IS-2000-0)		
							Radio Config	(Fud3, Rus3)		
							S055 (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	
		24.33		-59.63				-25.00	
		dBm		dBm/1.23 MHz				dBm/1.23 MHz	
Maximum Power Setup ▾								Cell Band	
								US PCS	
Minimum Power Setup ▾								Channel	
								600	
								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 1175

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>24.59</p> <p>dBm</p> </div> <div style="text-align: center;"> <p>Minimum Power</p> <p>-60.74</p> <p>dBm/1.23 MHz</p> </div> </div> <p style="text-align: right; margin-top: 10px;">Single</p>						Cell 1 Power		
Maximum Power Setup ▾							-25.00		
Minimum Power Setup ▾							dBm/1.23 MHz		
1 of 2							Cell Band		
	US PCS								
	Channel								
	1175								
	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.								
	IntRef	Offset	1 of 4						

TM3:

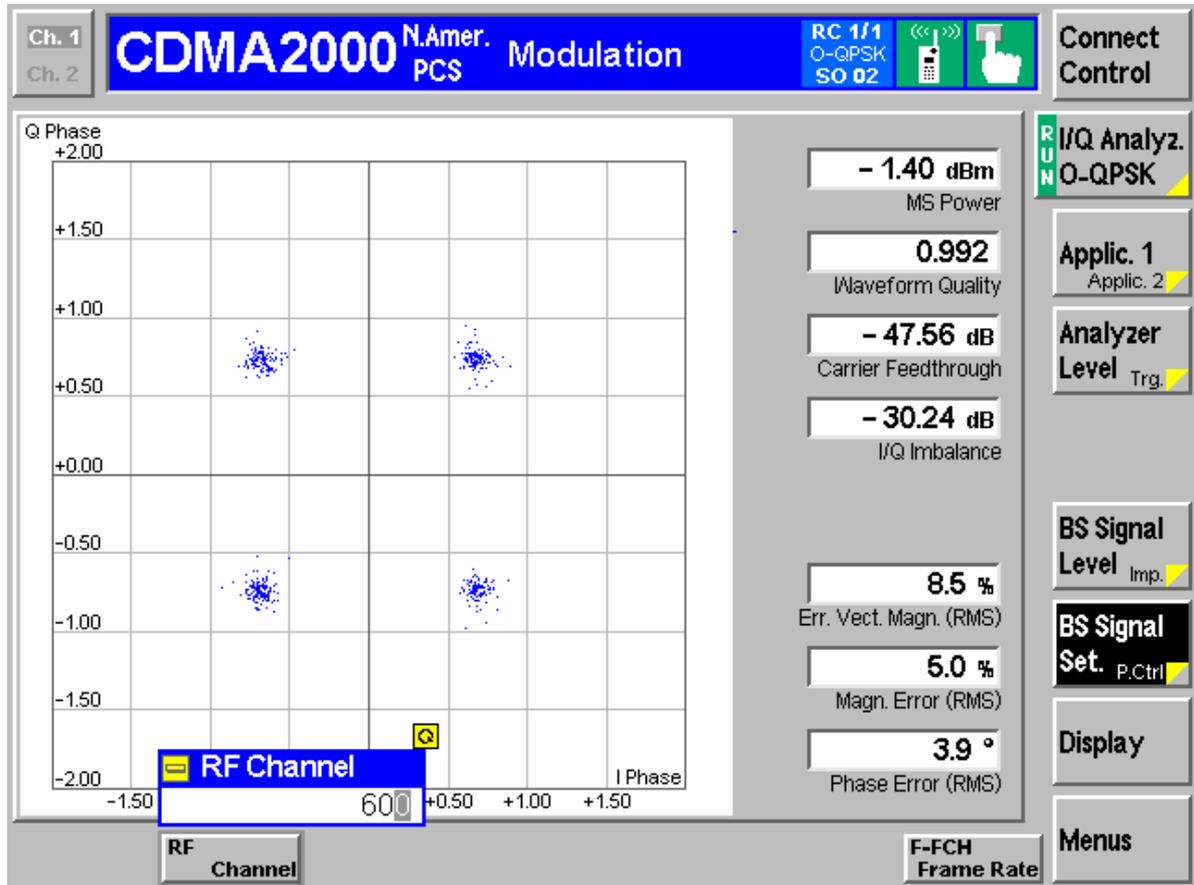
Measurement/Instrument Screen									
Control		Maximum/Minimum Power						Call Parm	
Max/Min Power Setup ▾		Maximum Power			Minimum Power			Cell 1 Power	
		24.60			-60.76			-25.00	
		dBm			dBm/1.23 MHz			dBm/1.23 MHz	
Maximum Power Setup ▾								Cell Band	
								US PCS	
Minimum Power Setup ▾								Channel	
								1175	
								Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud3, Rus3)	
								S055 (Loopback)	
								FCH Service Option Setup ▾	
		Active Cell Connected			Sys Type: IS-2000				
					Logging: No Conn.				
1 of 2				IntRef	Offset				1 of 4

Appendix B

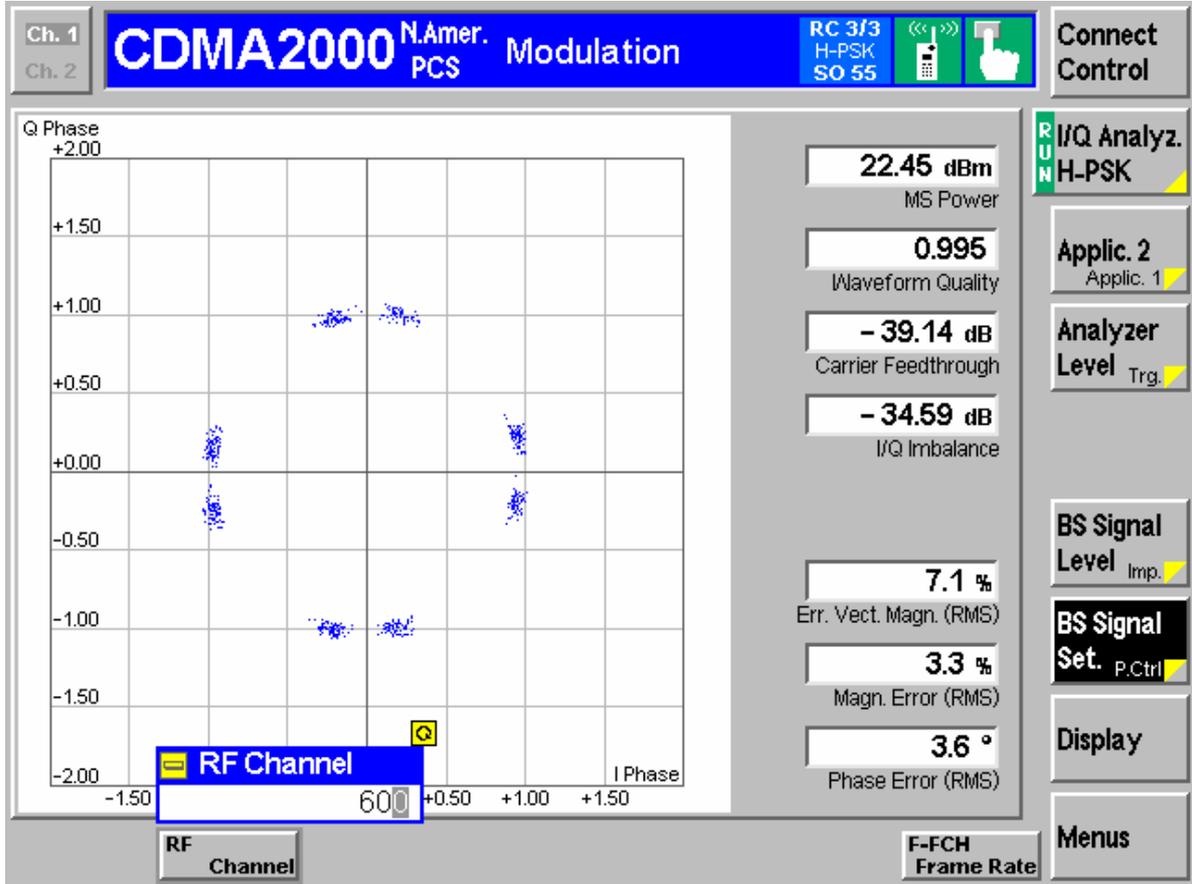
Modulation Characteristic

According to FCC Part 2.1047 & Part24 Subpart E

Channel 600 (TM1)



Channel 600 (TM3)

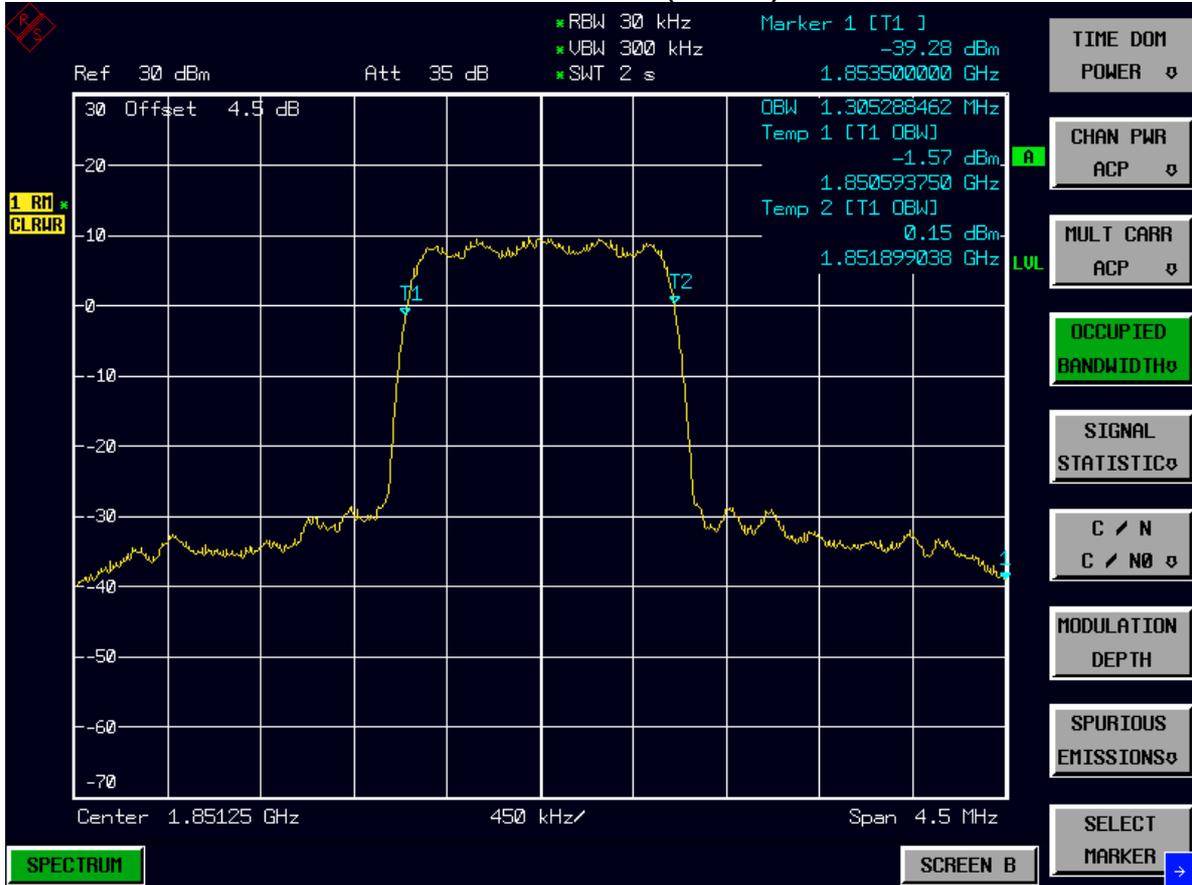


Appendix C

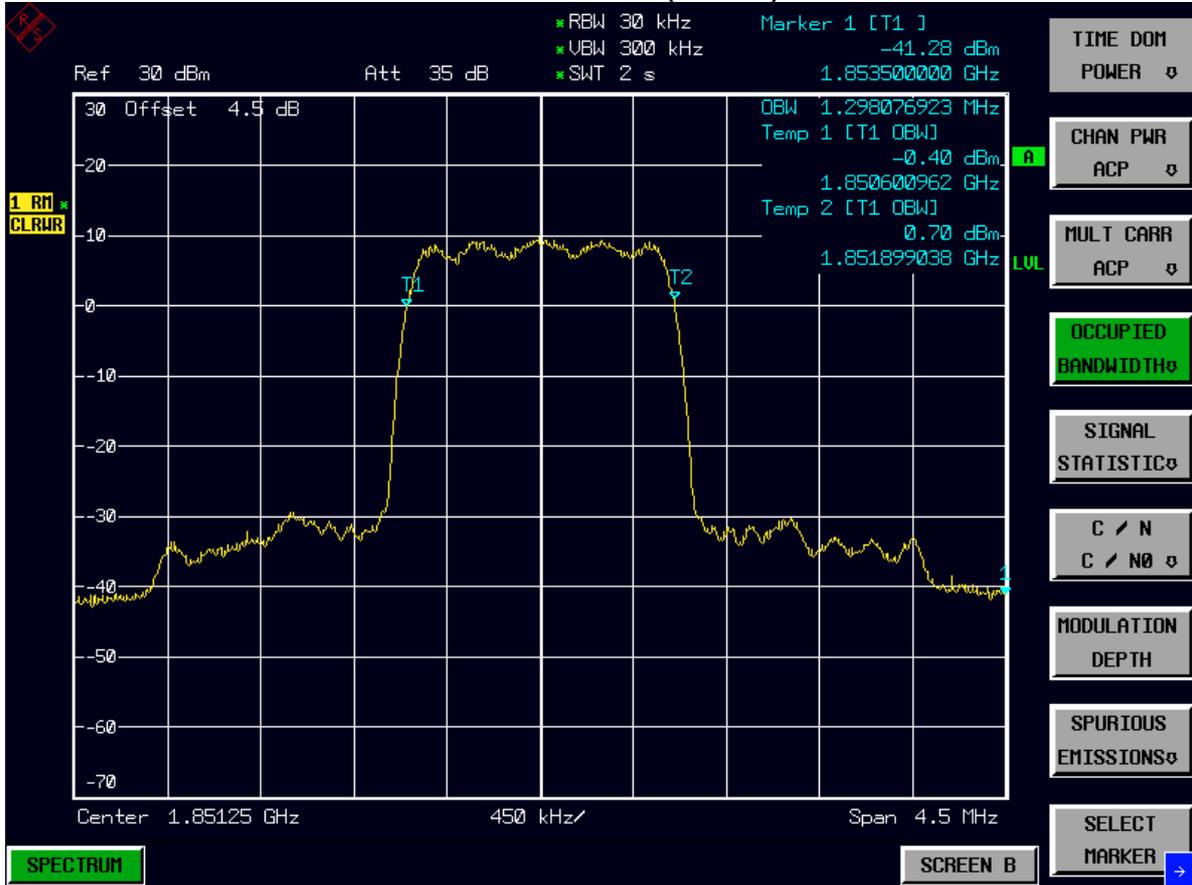
Occupied Bandwidth

According to FCC Part 2.1049& Part24 Subpart E

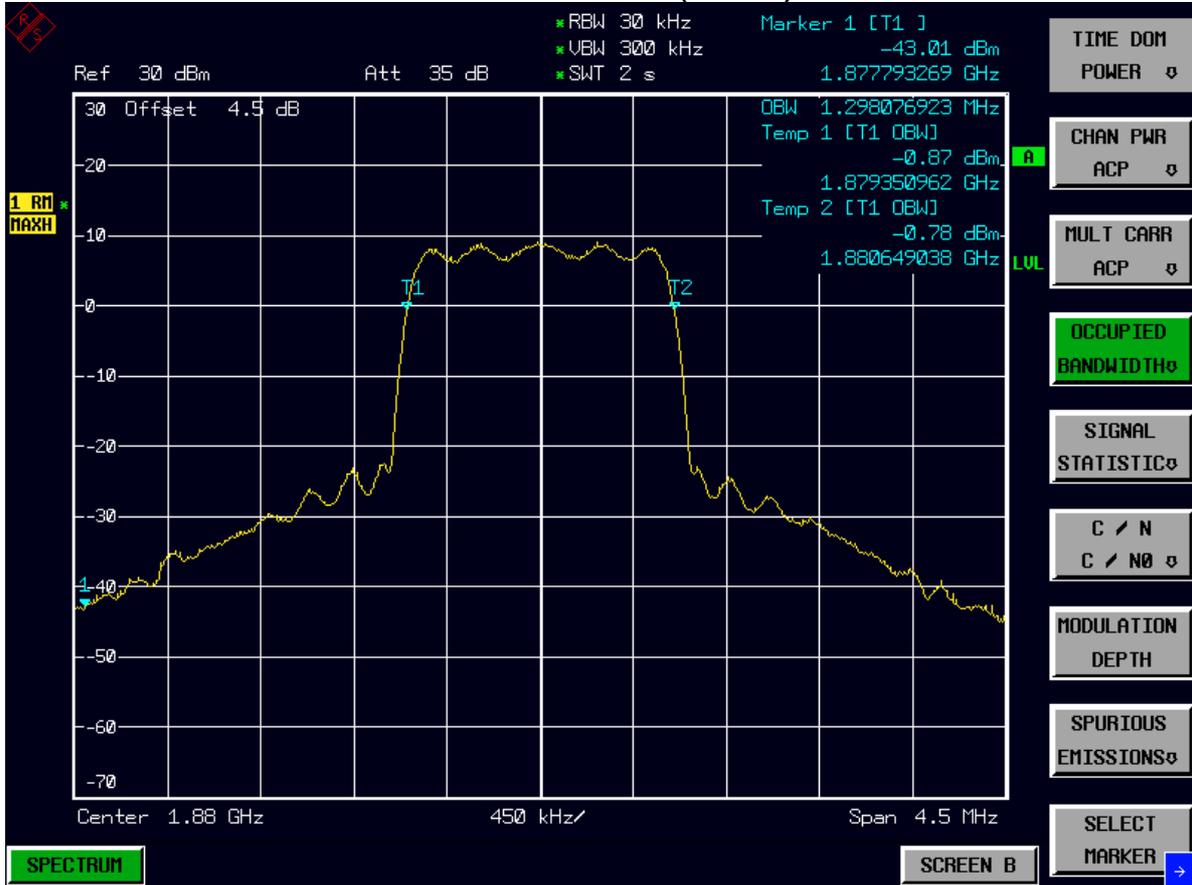
Channel 25(TM1)



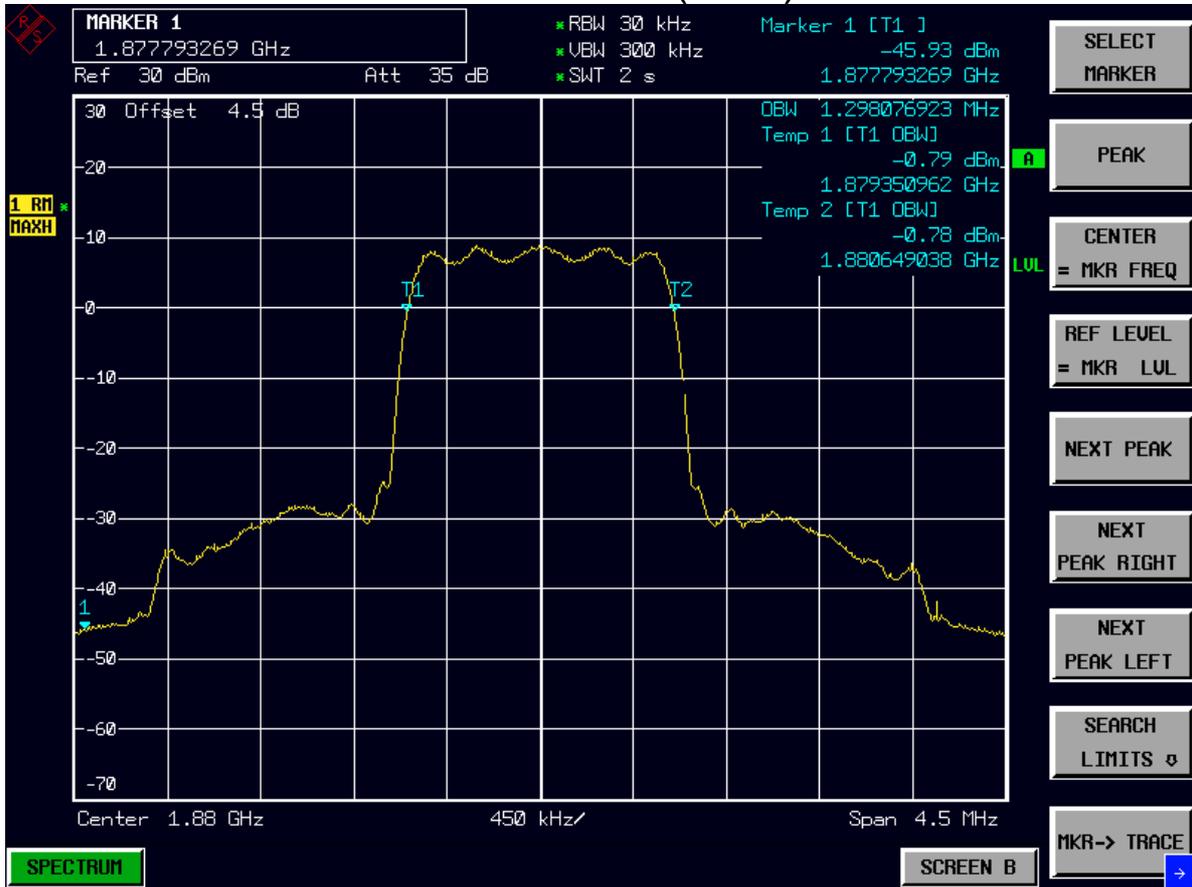
Channel 25(TM3)



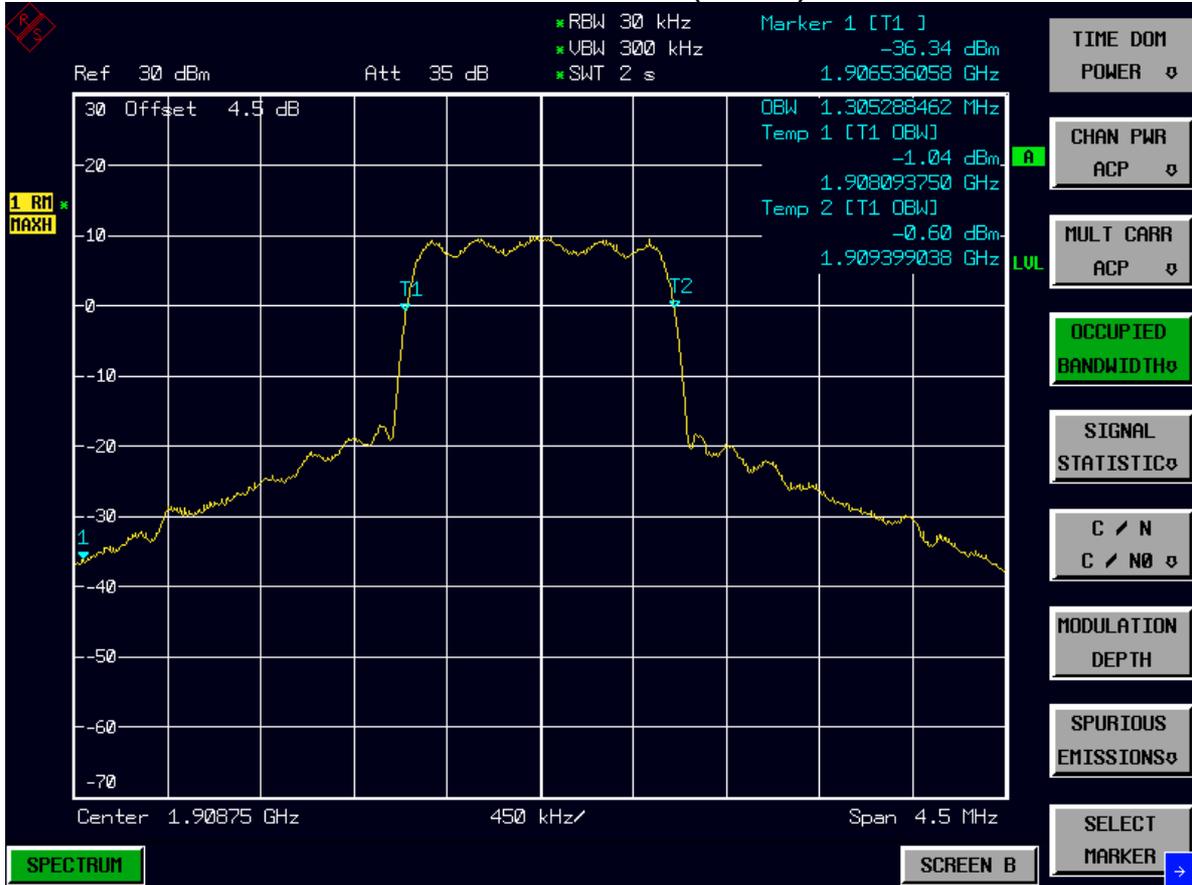
Channel 600(TM1)



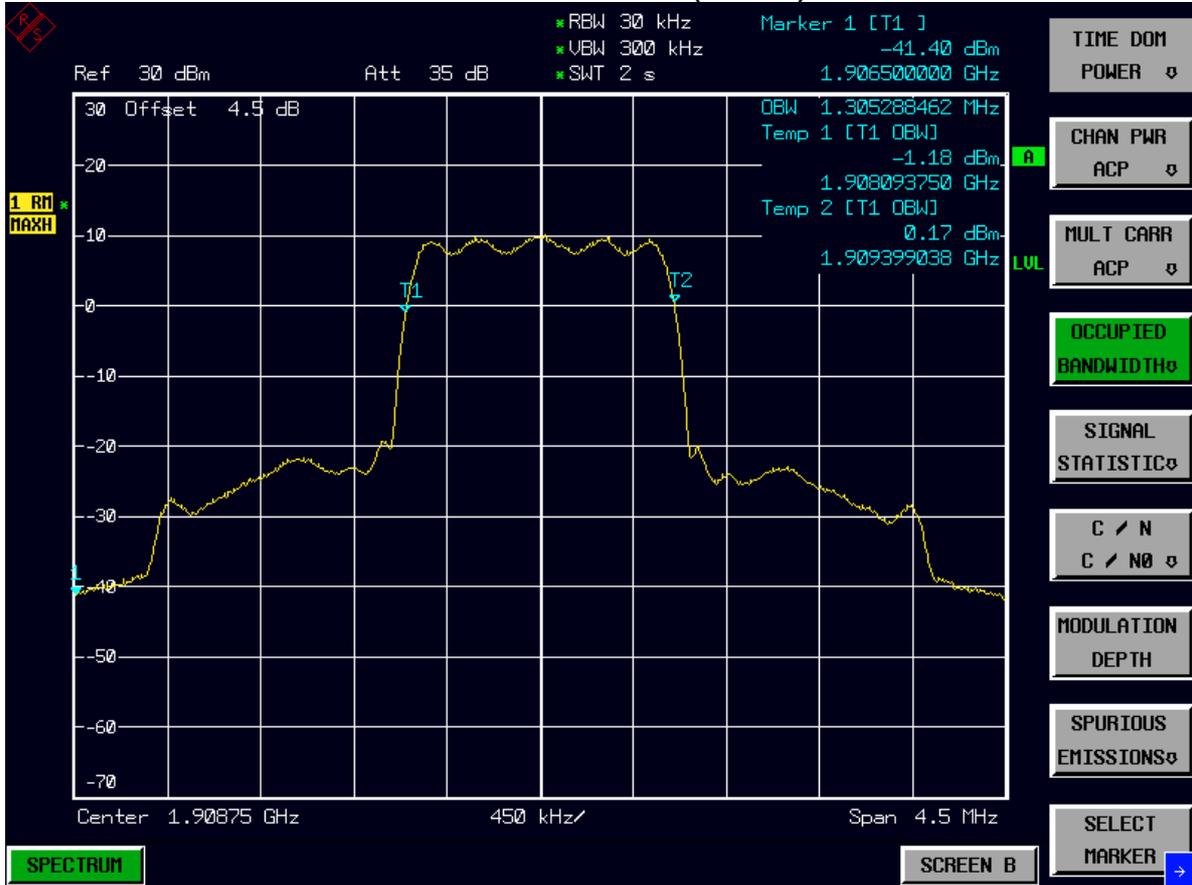
Channel 600(TM3)



Channel 1175(TM1)



Channel 1175(TM3)

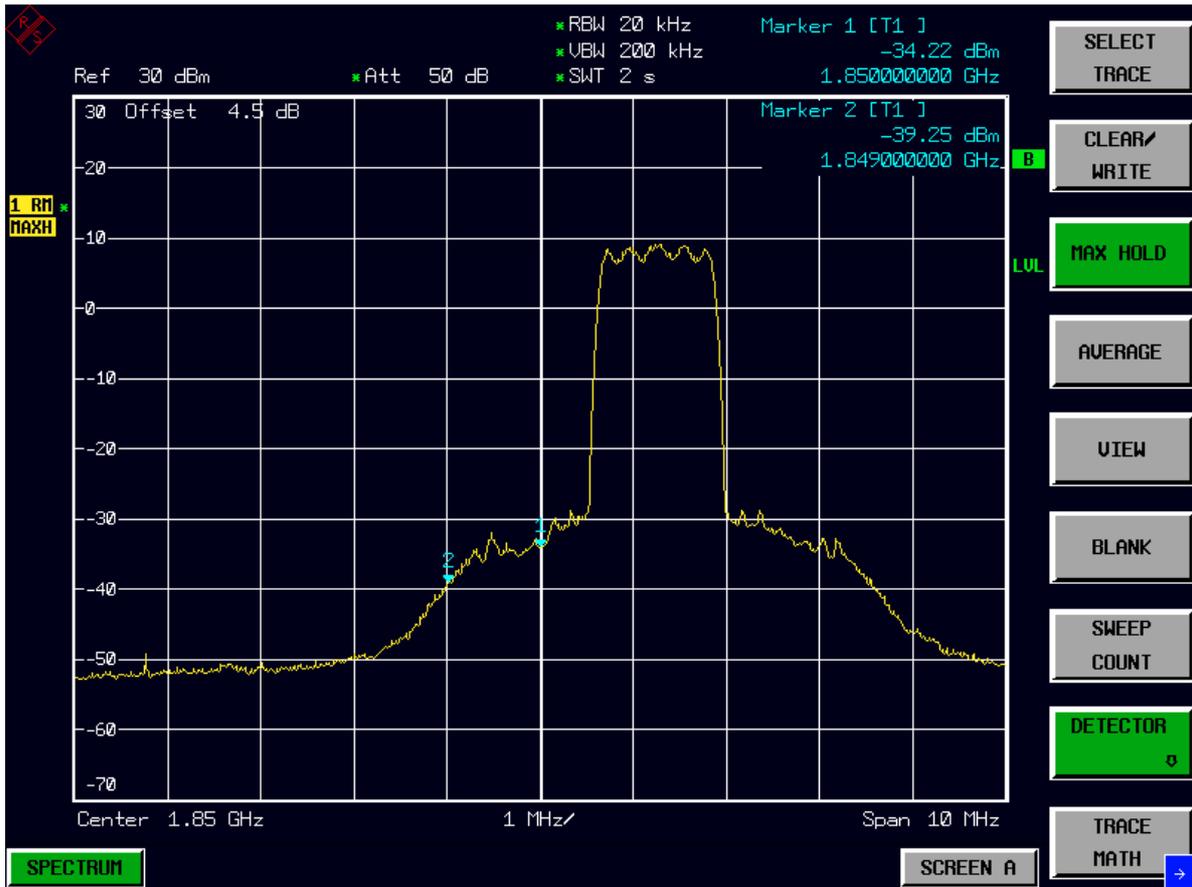


Appendix D

Band Edges Compliance According to FCC Part 2.1051 & 24.238

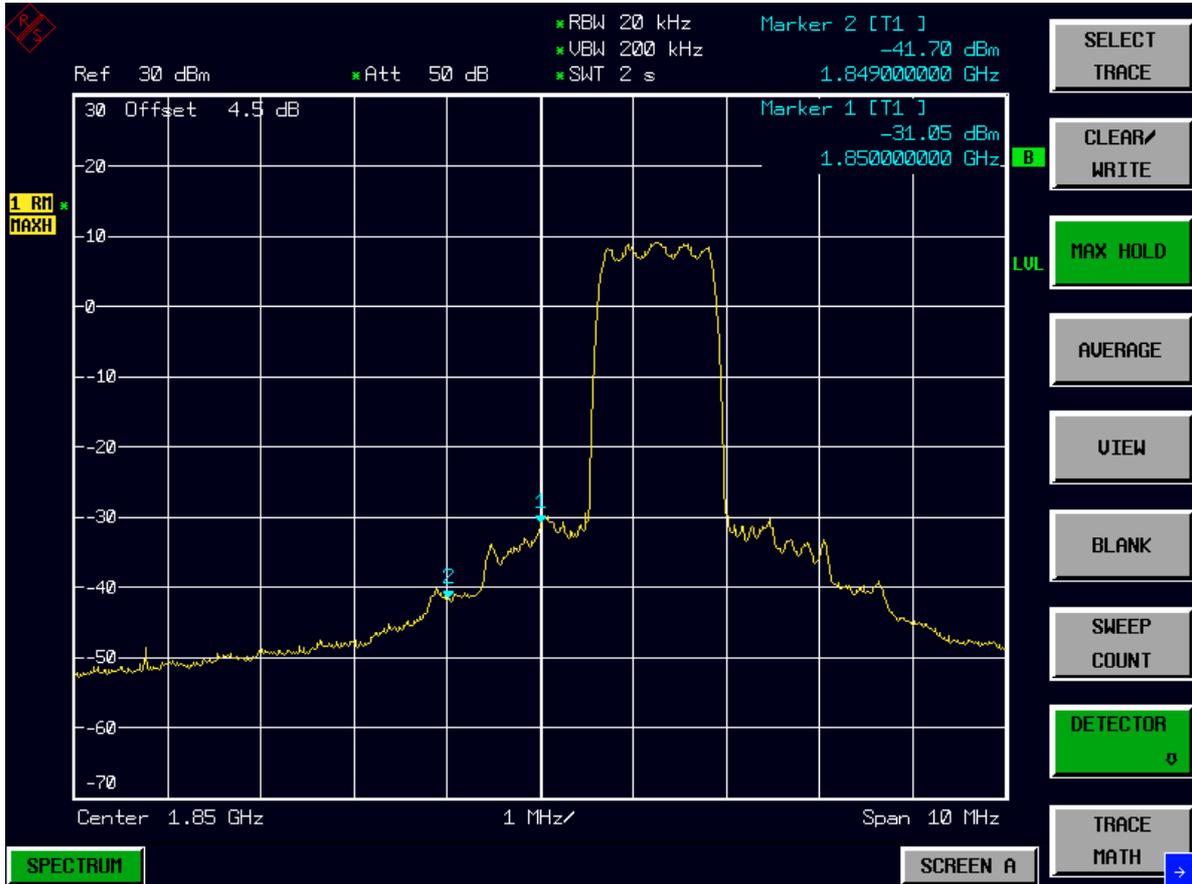
TM1

Left Edge (1850 MHz)
Channel 25

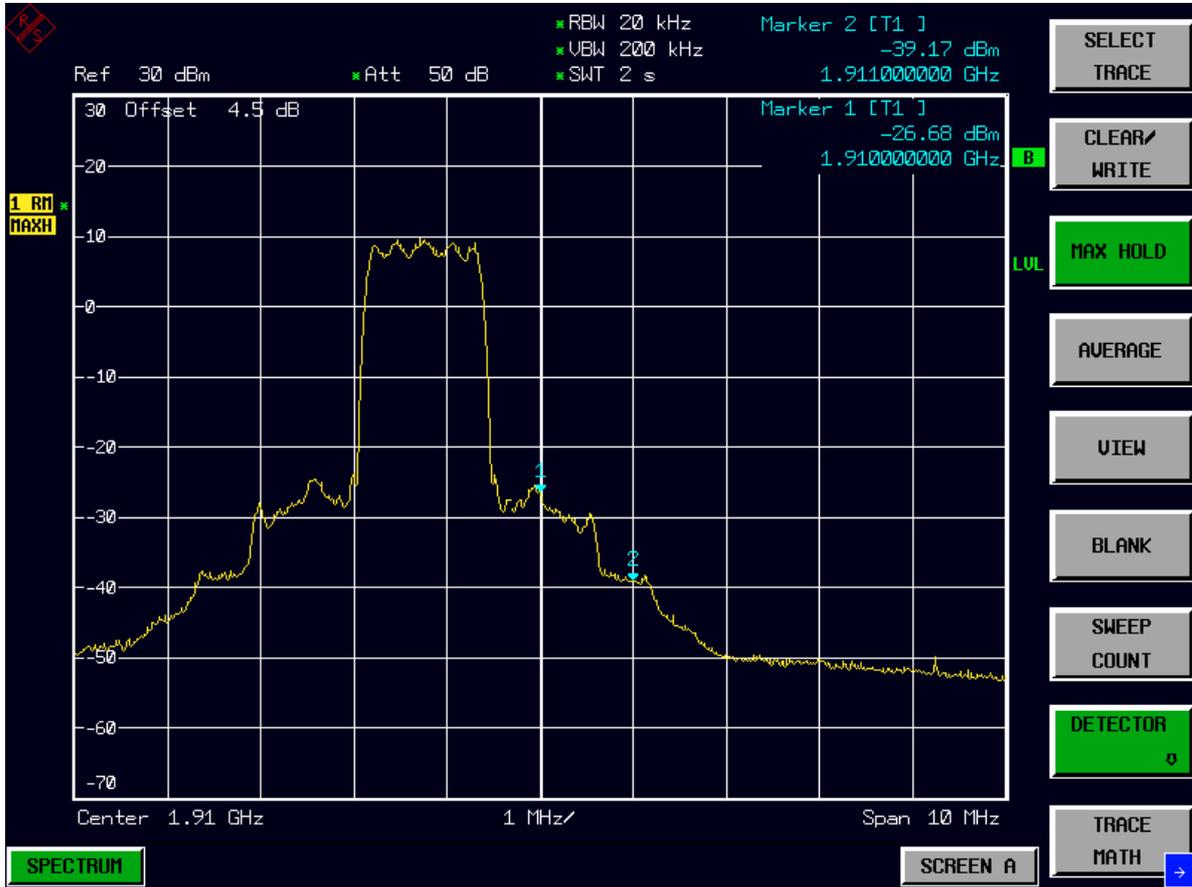


TM3

Left Edge (1850 MHz)
Channel 25



Right Edge (1910MHz) Channel 1175



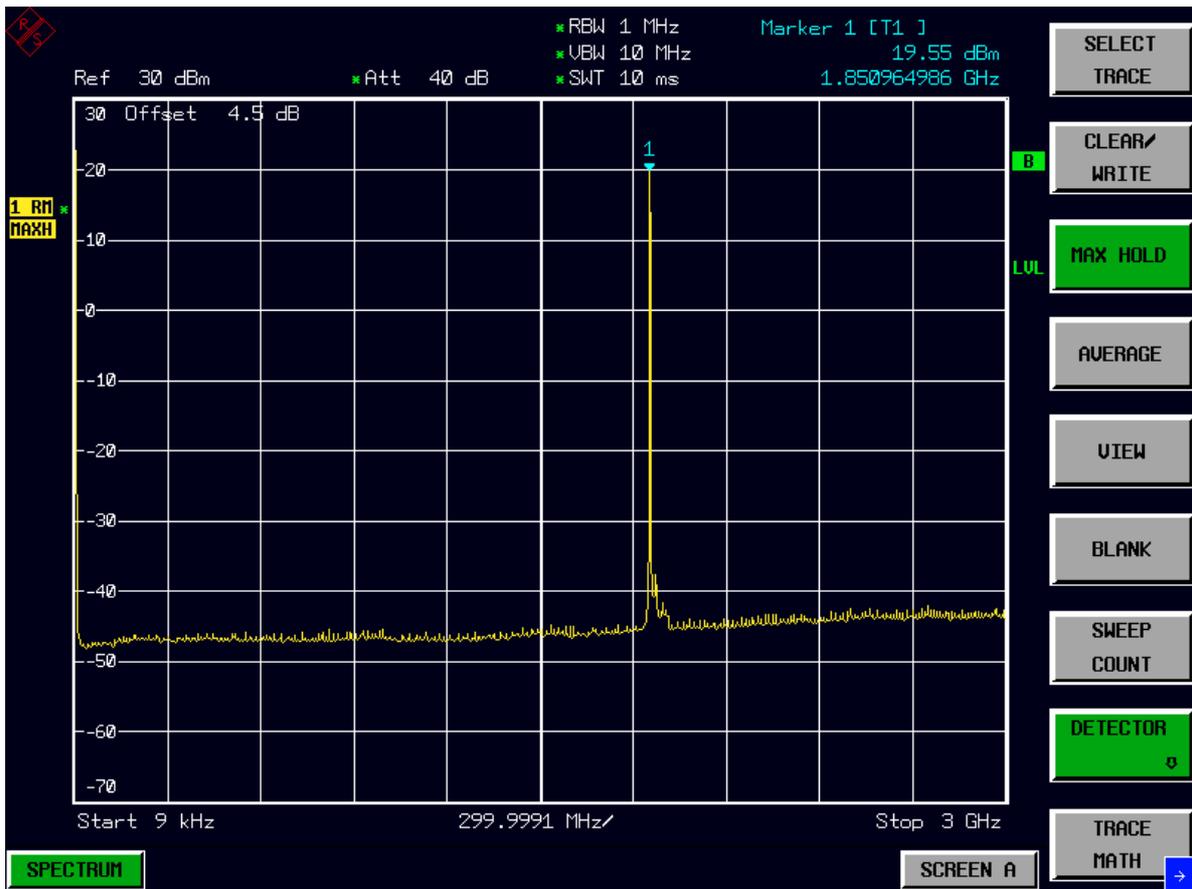
Appendix E

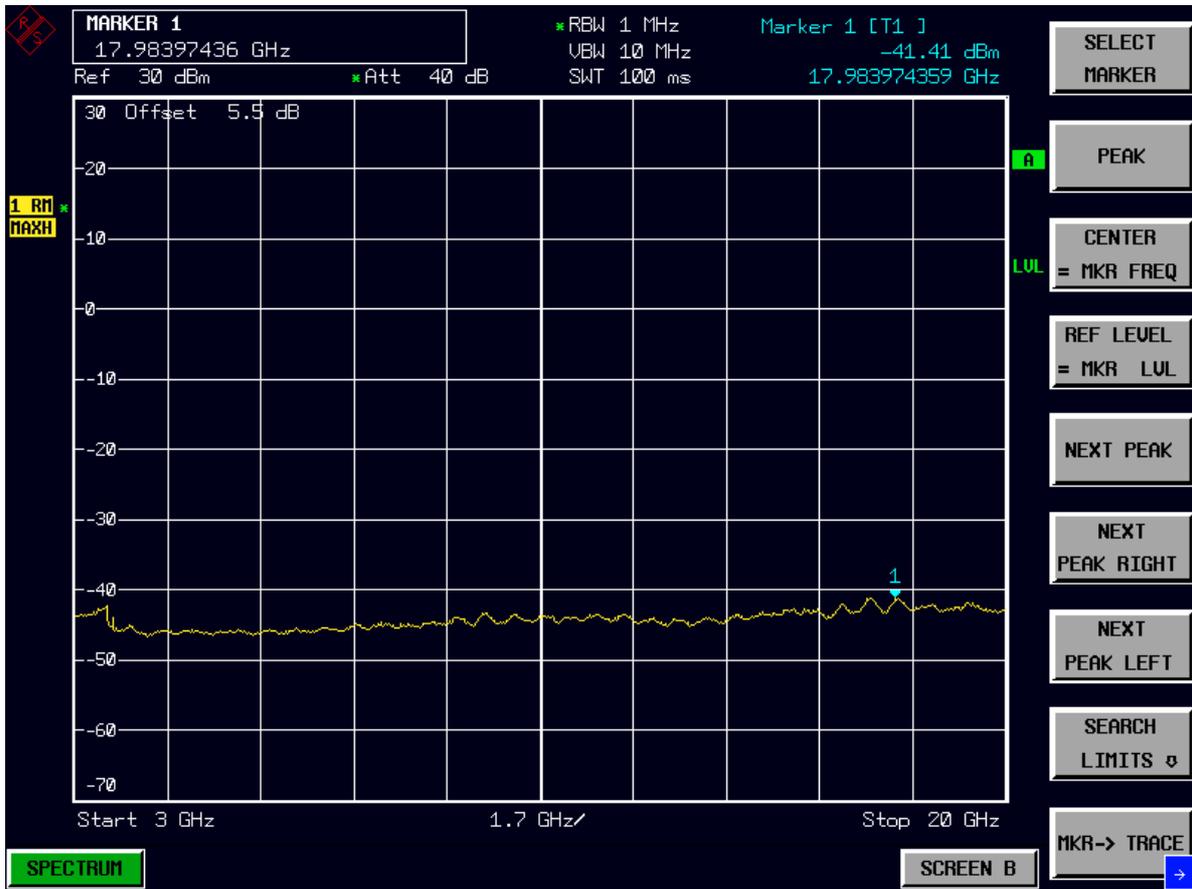
Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & 24.238

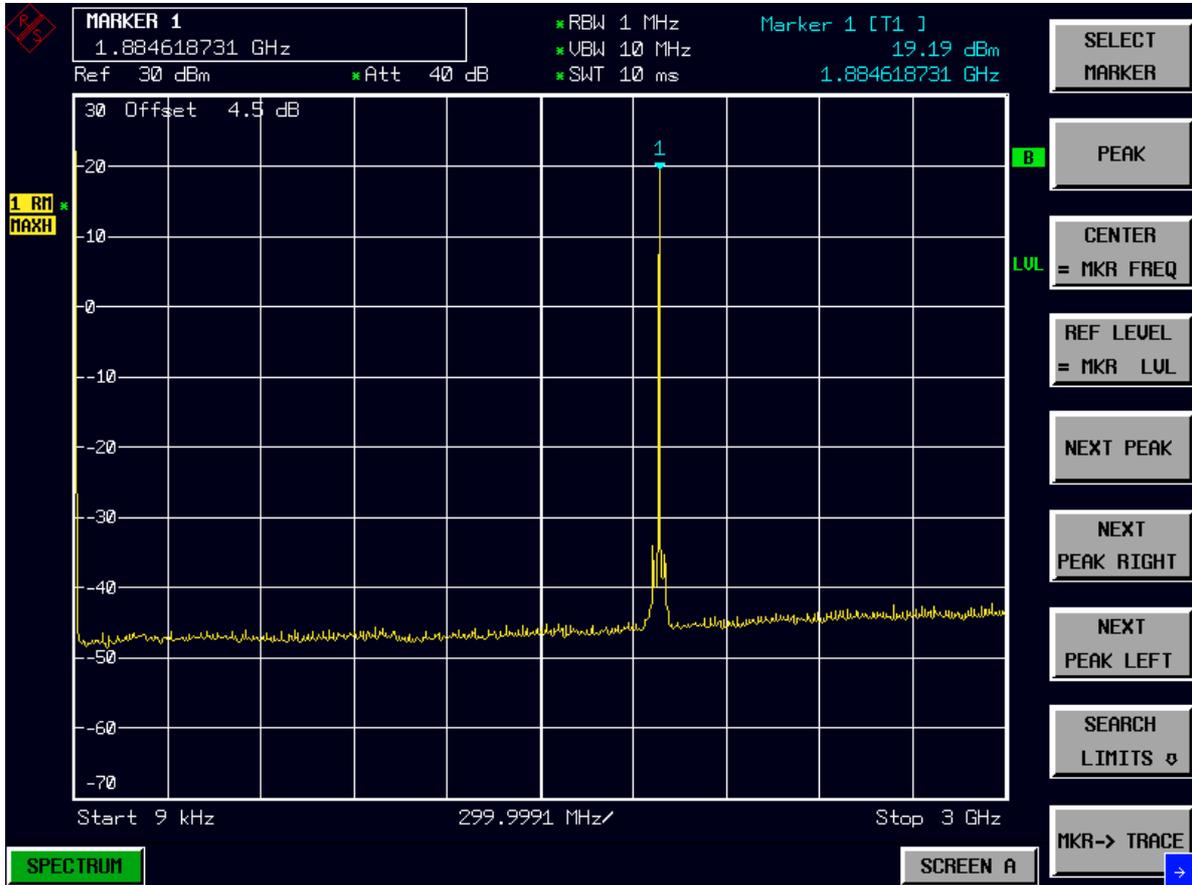
TM1

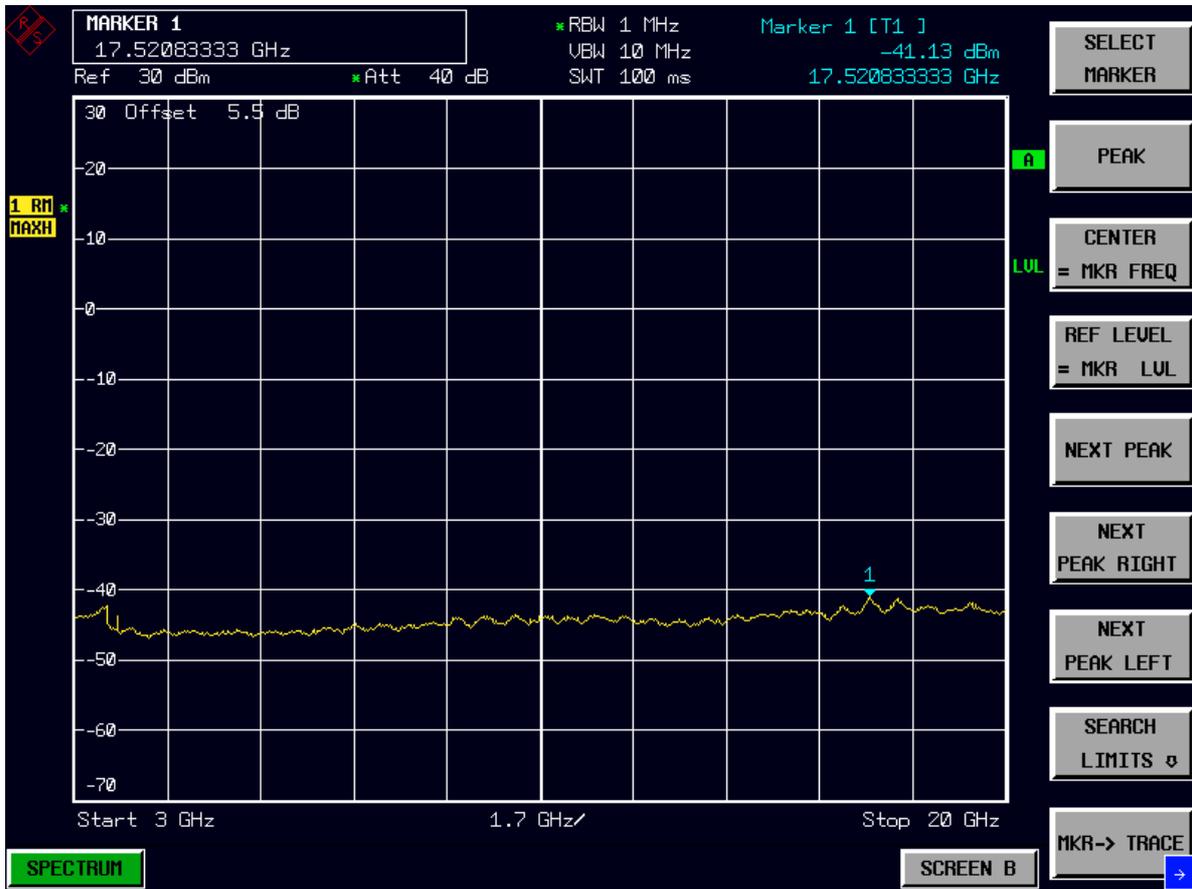
Channel 25



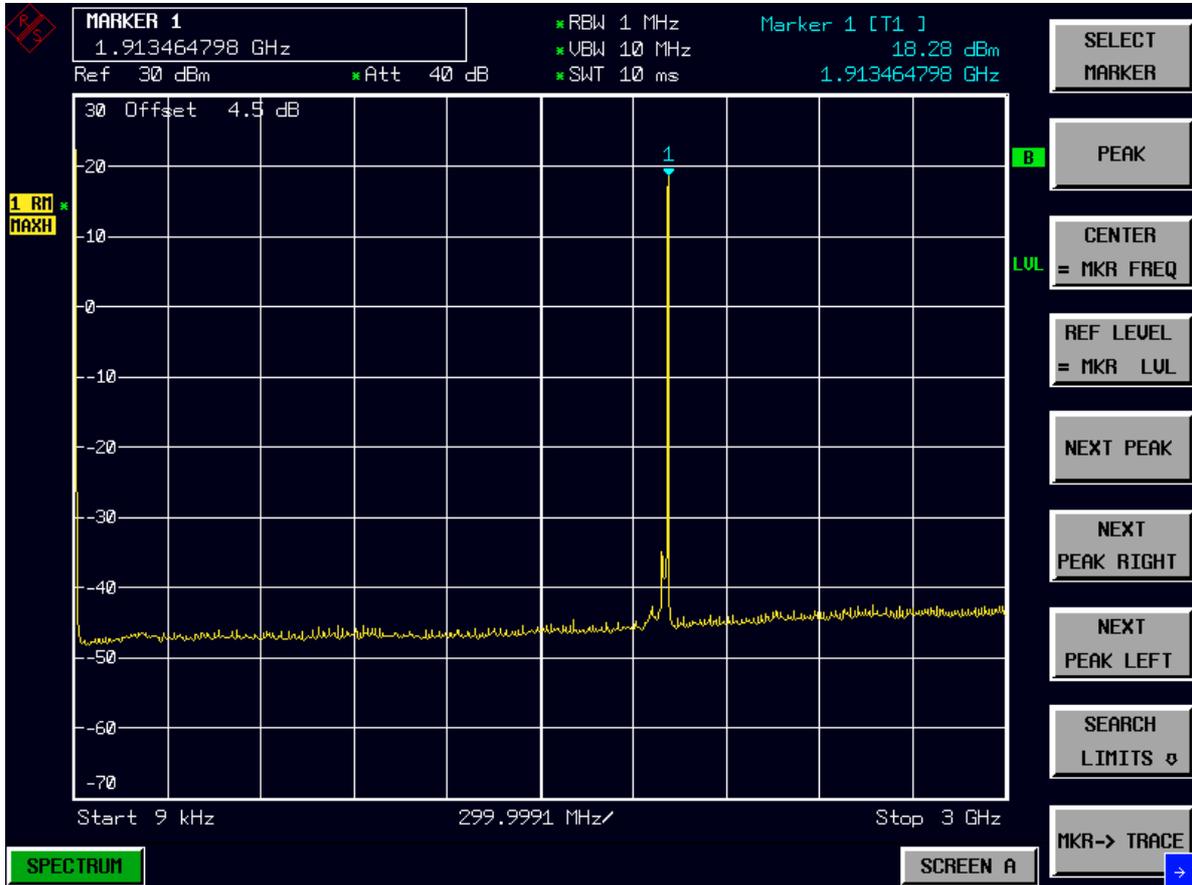


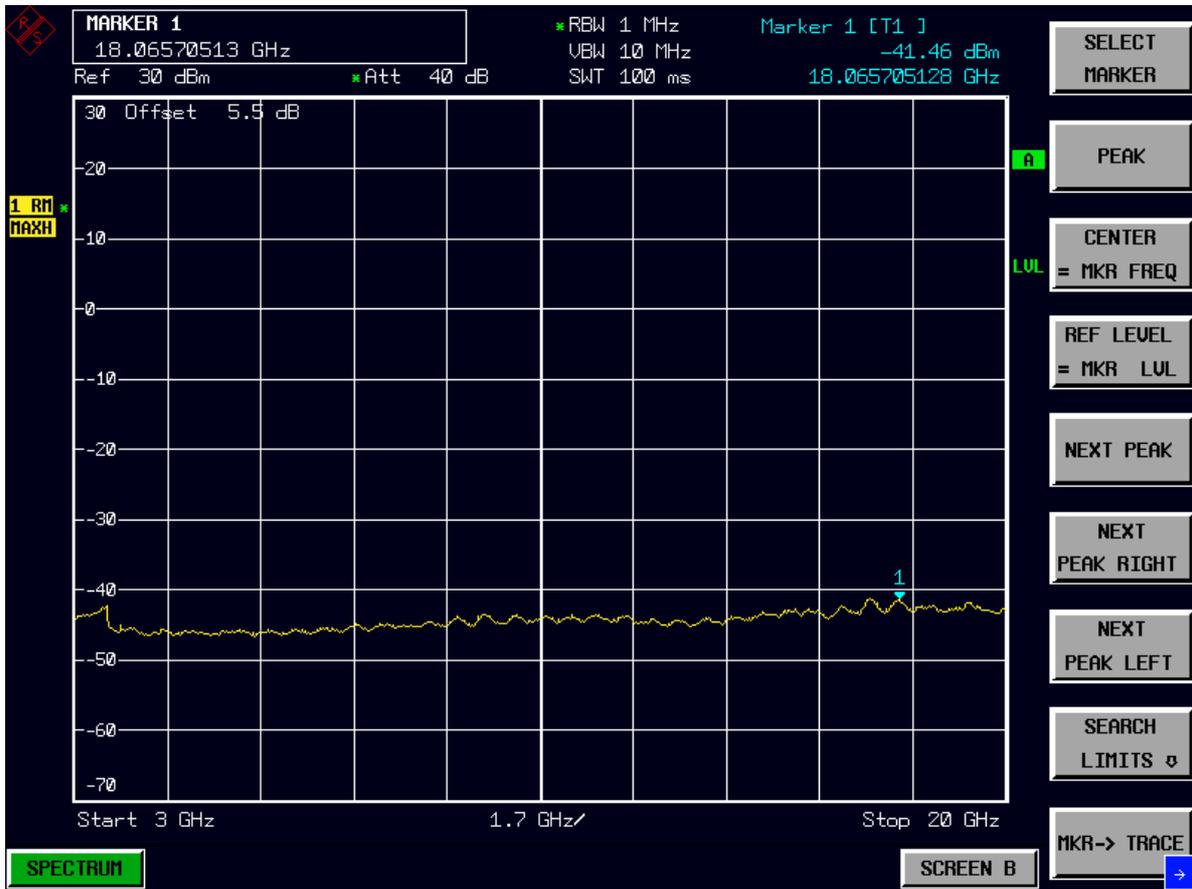
Channel 600





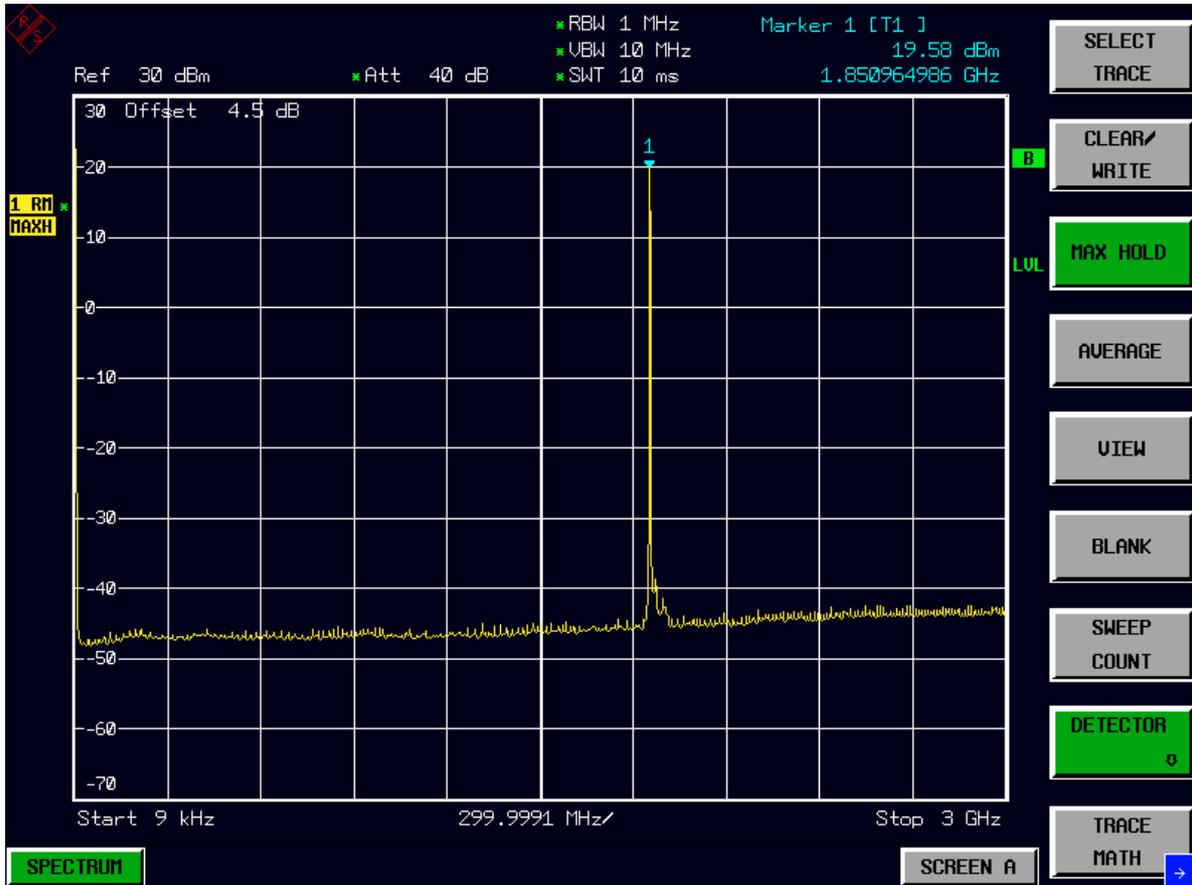
Channel 1175

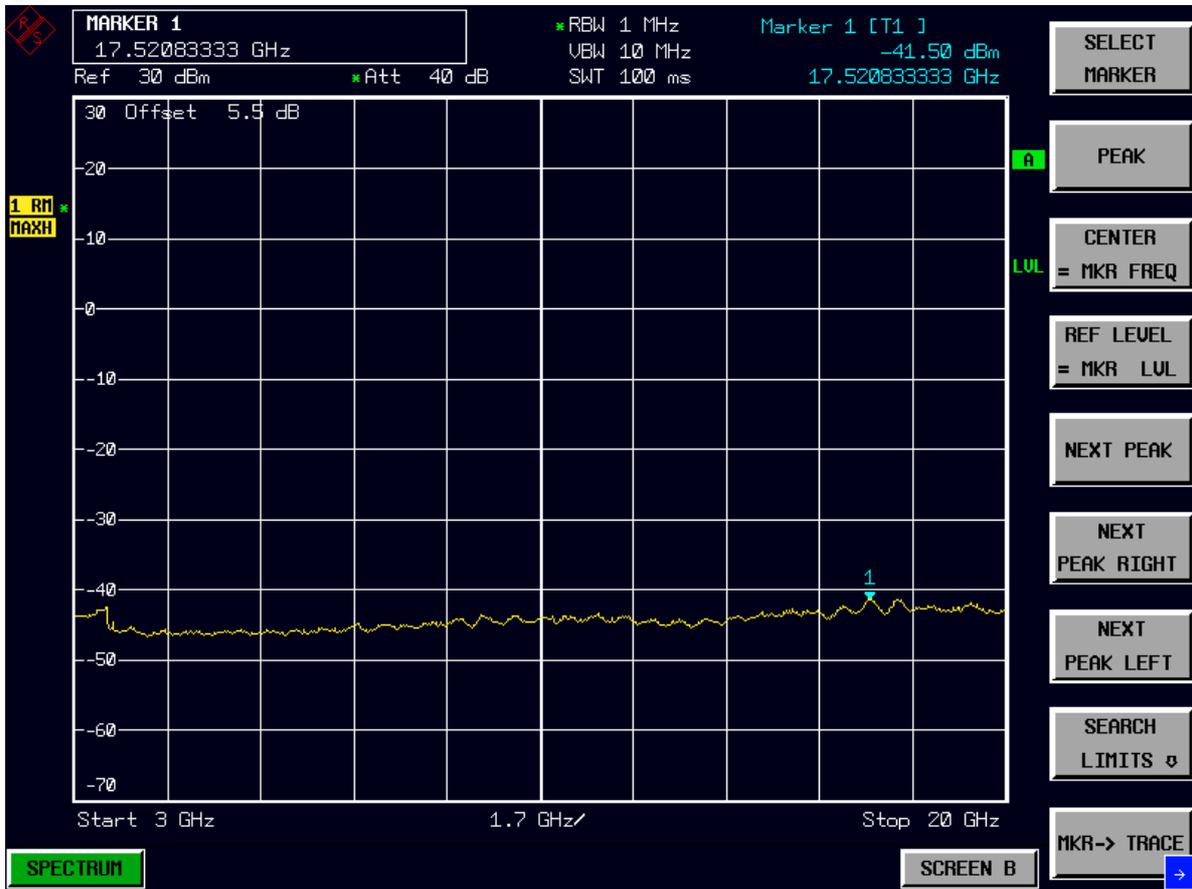




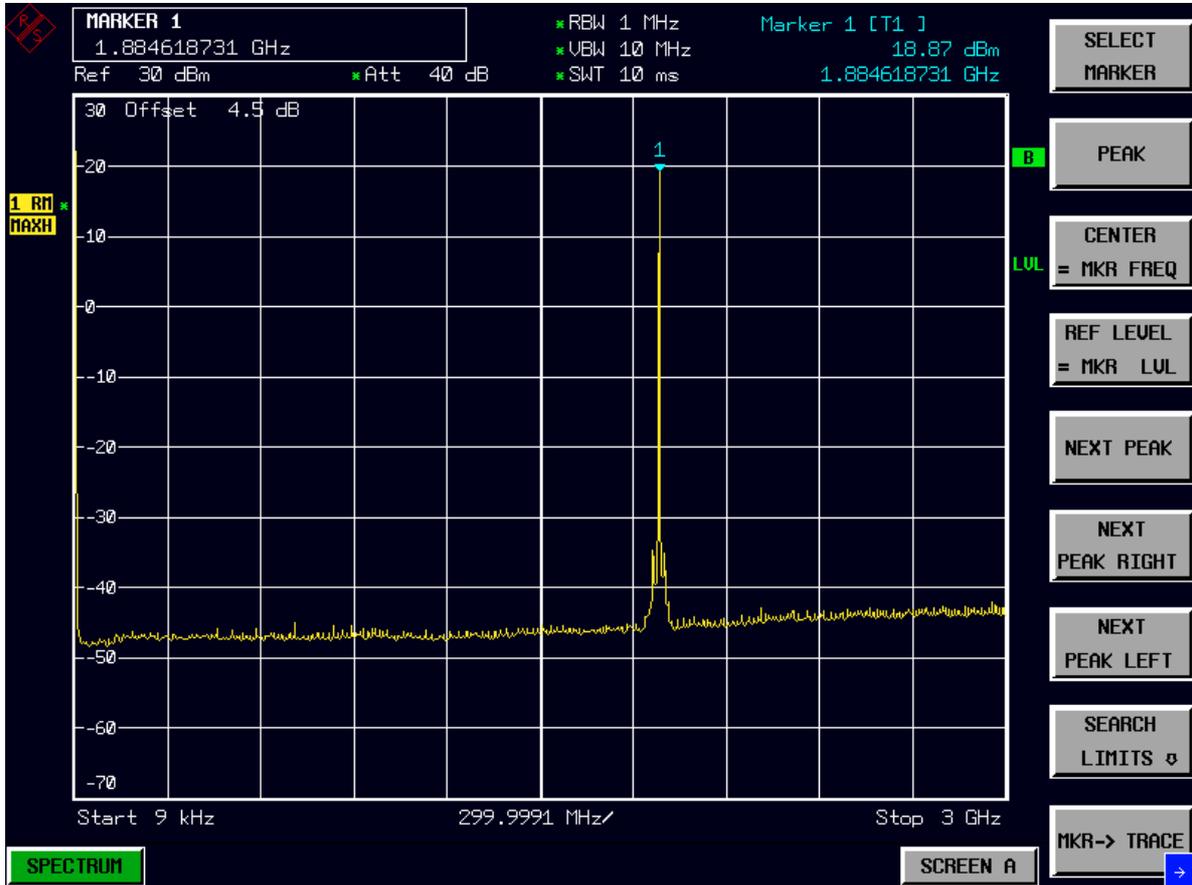
TM3

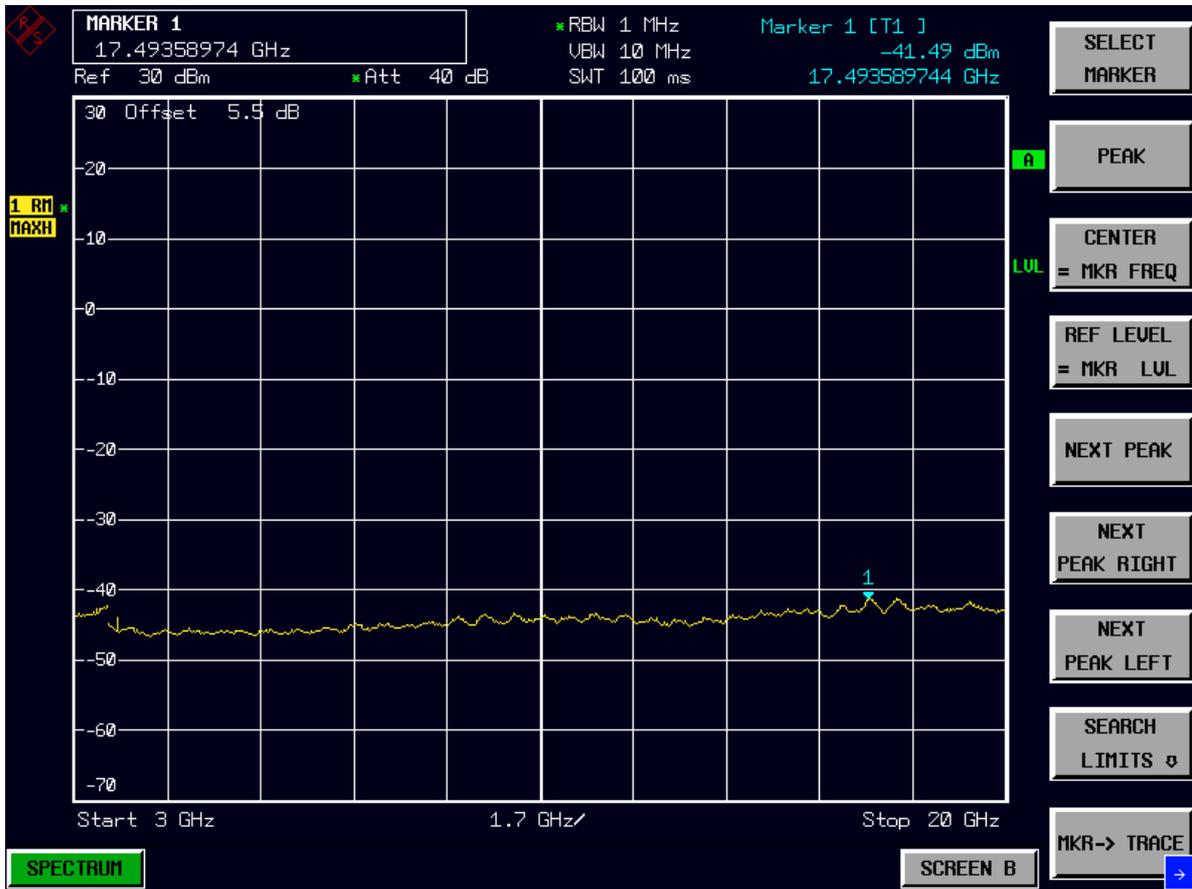
Channel 25



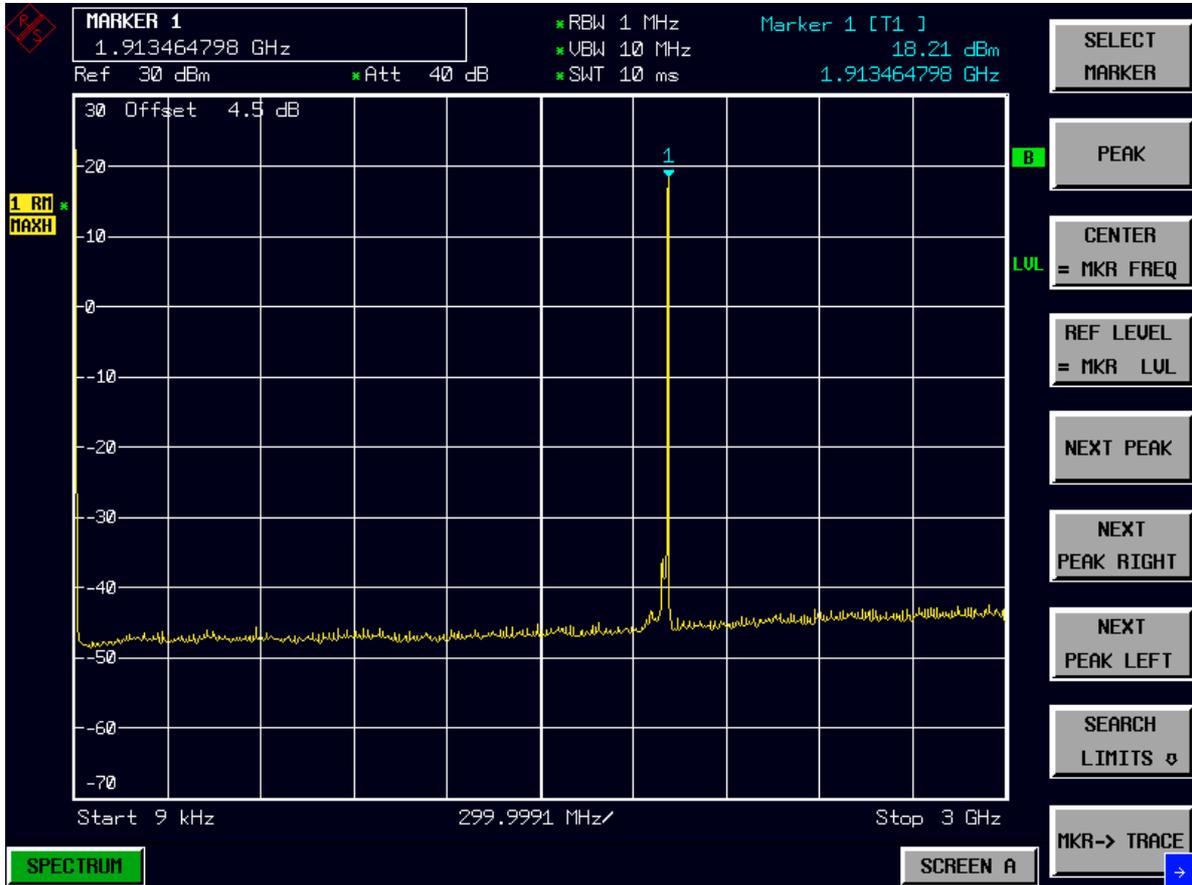


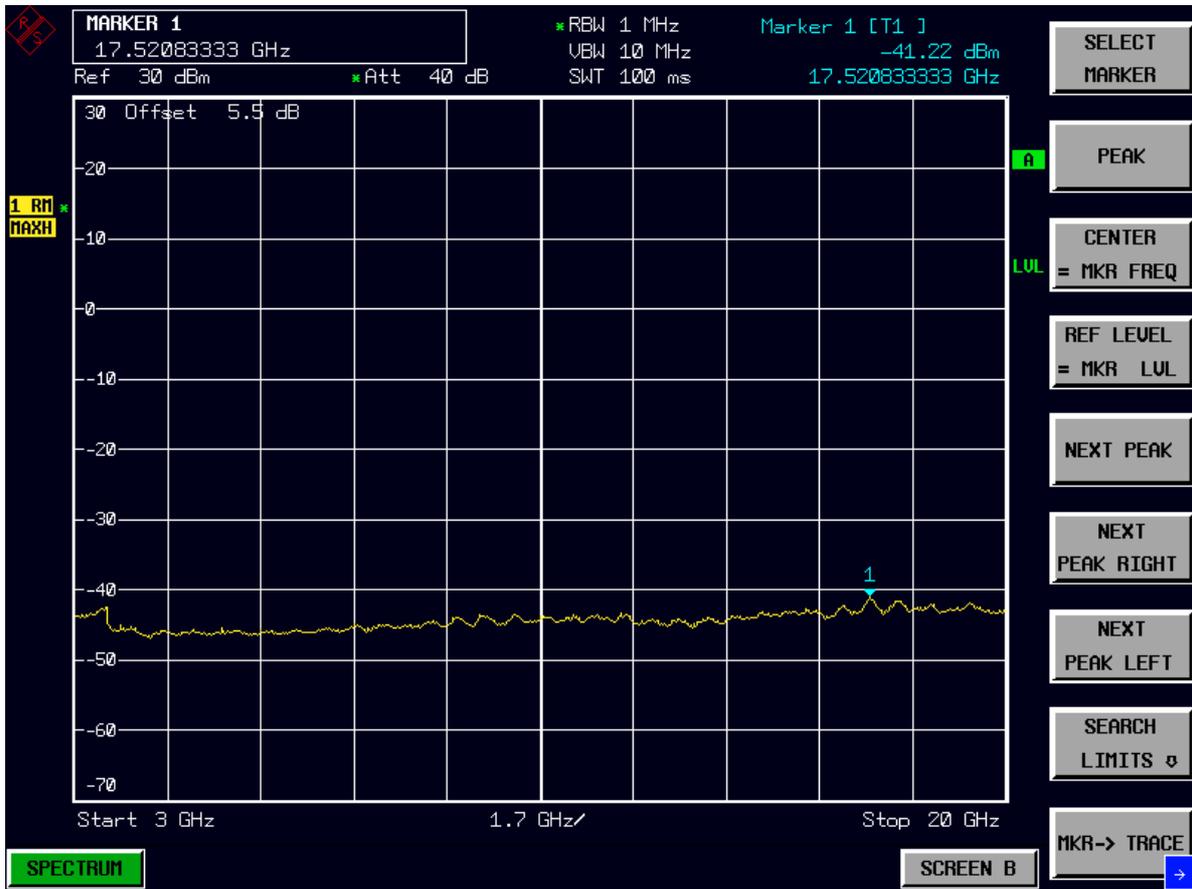
Channel 600





Channel 1175

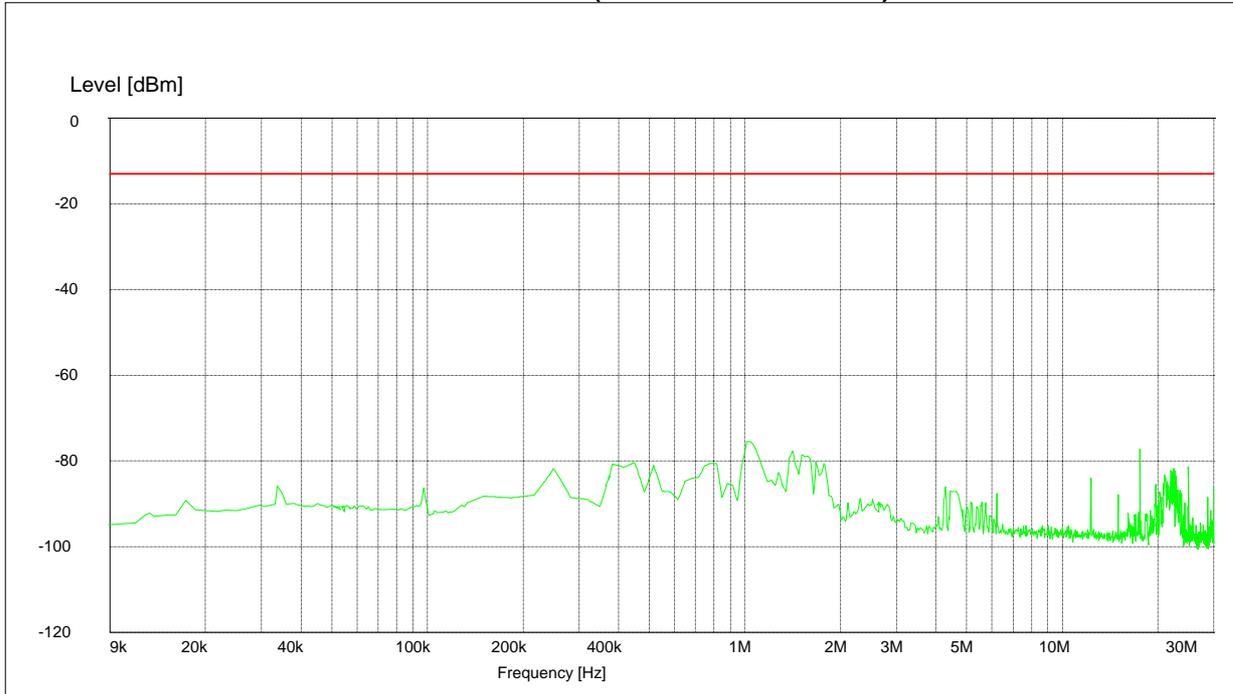




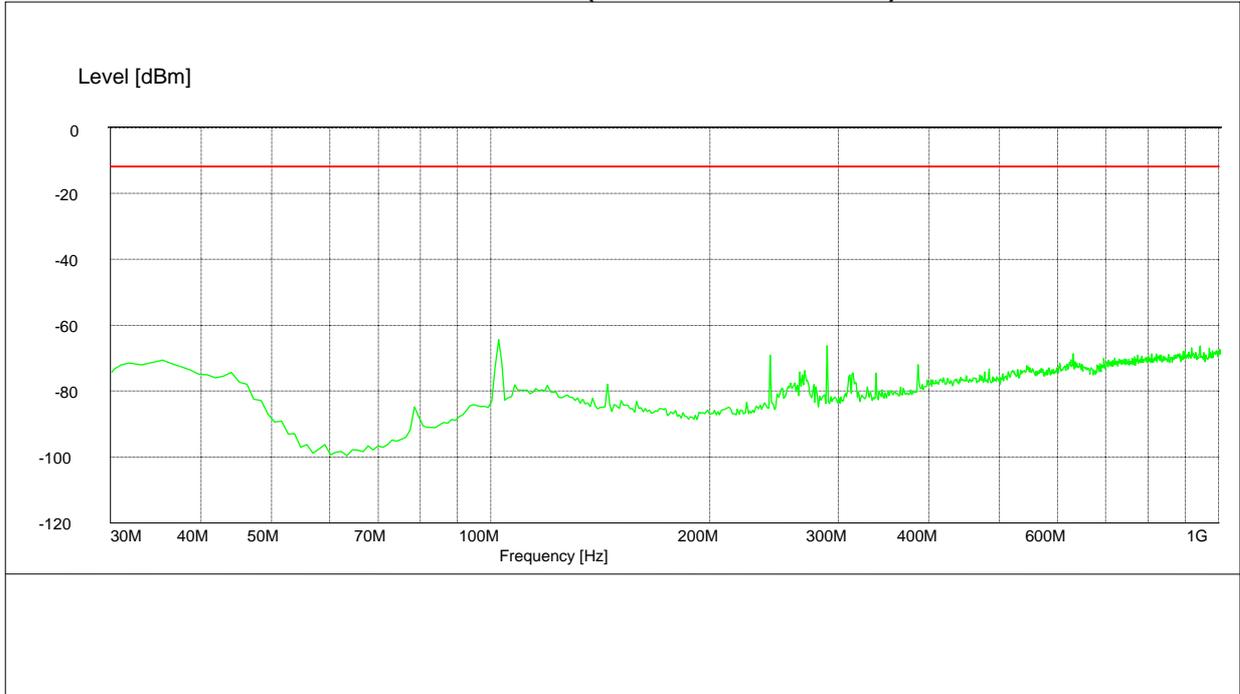
Appendix F

Radiated Spurious Emission According to FCC Part 2.1053 & 24.238

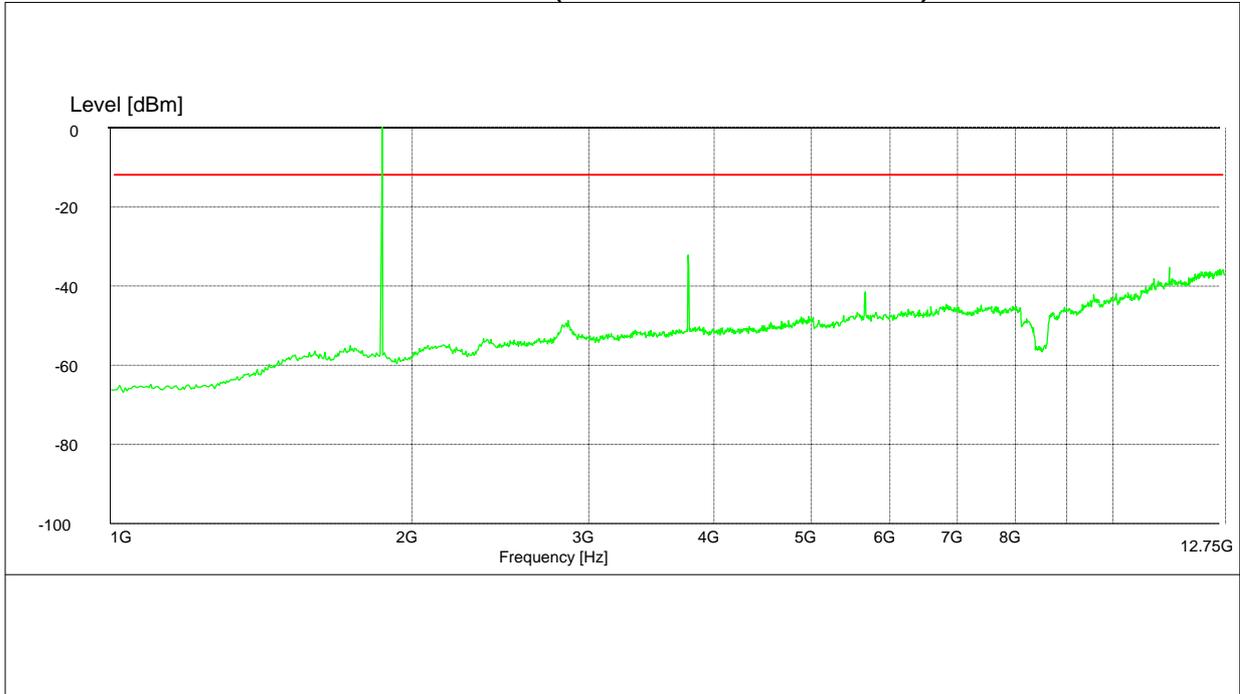
Traffic Mode (9kHz-30MHz)



Traffic Mode (30MHz-1GHz)

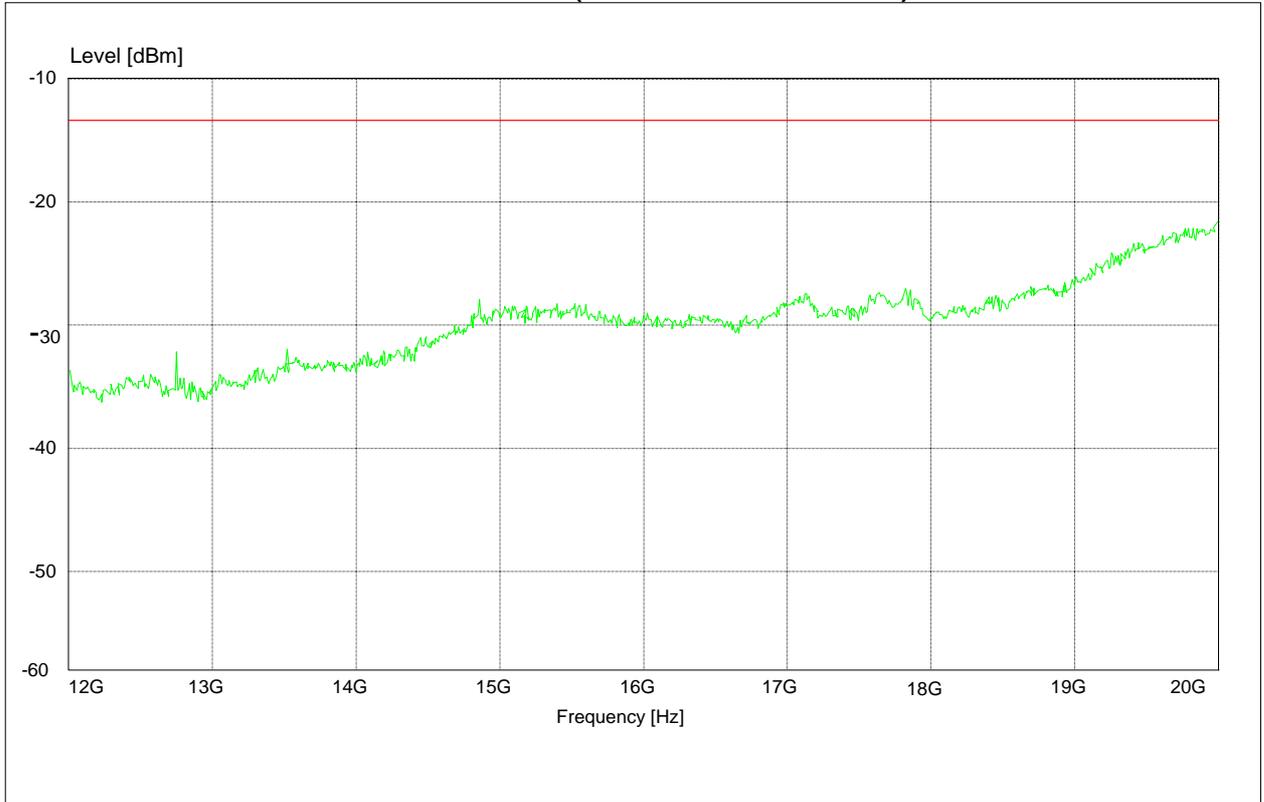


Traffic Mode (1GHz-12.75GHz)

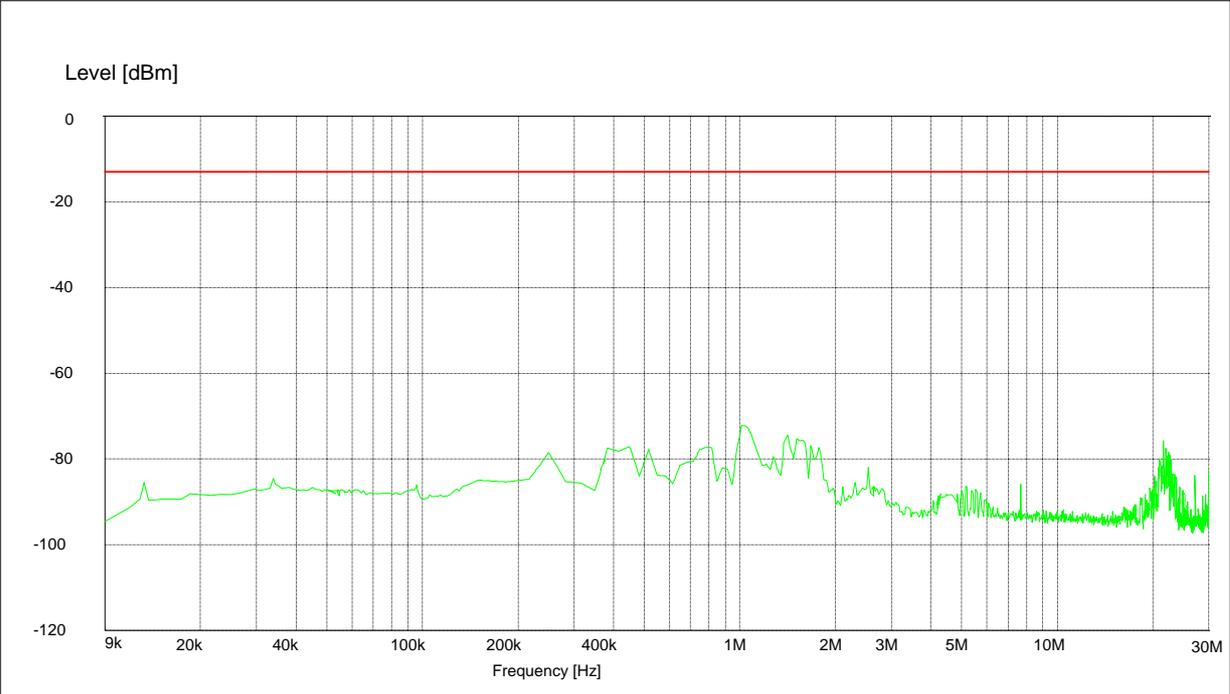


Note: The frequency which exceeds the limit is carrier frequency.

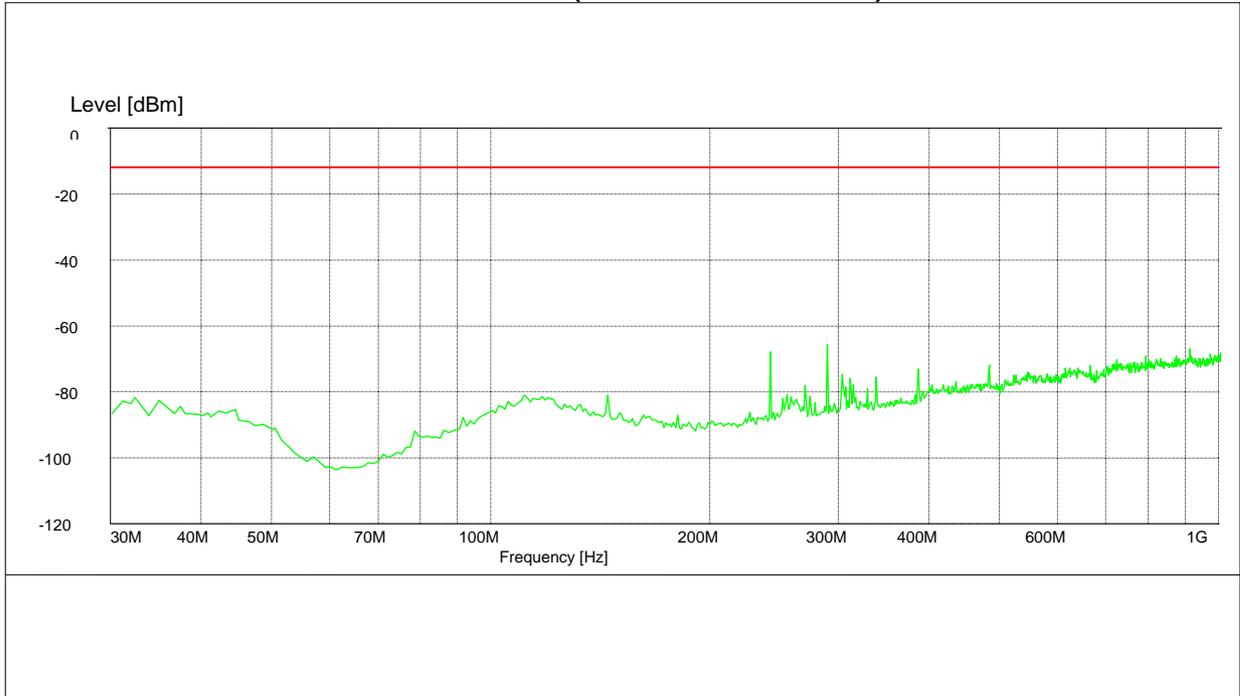
Traffic Mode (12GHz-20GHz)



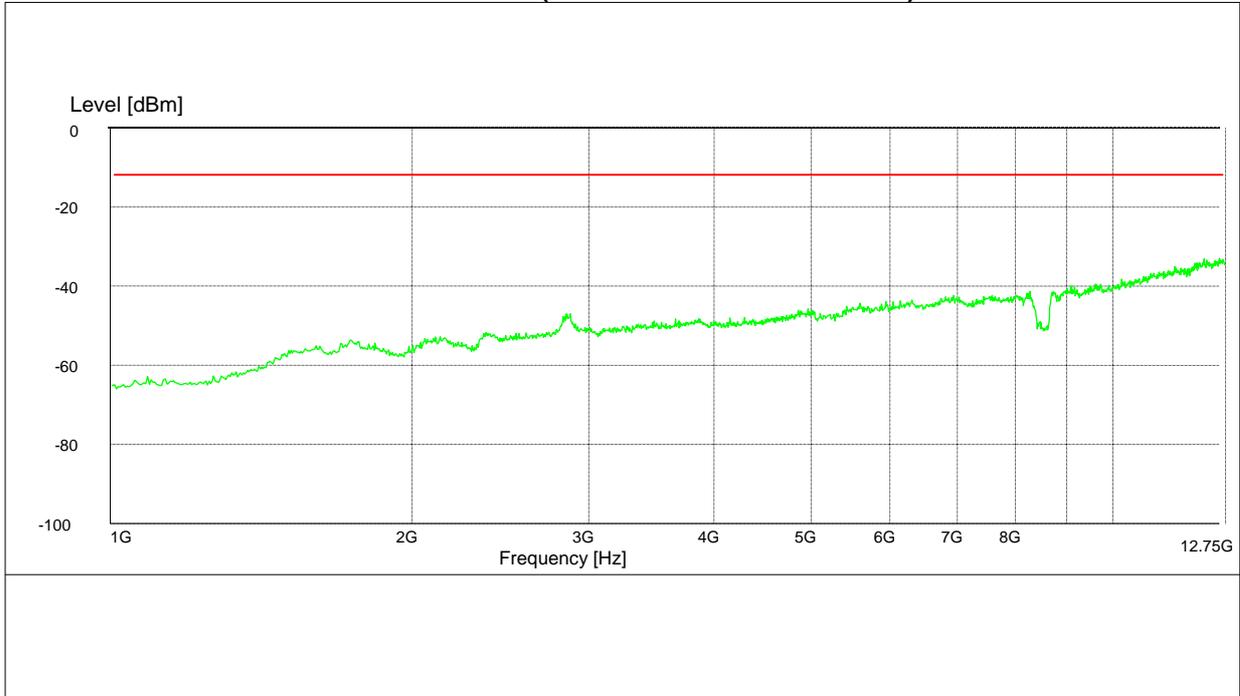
IDLE Mode (9 kHz-30MHz)



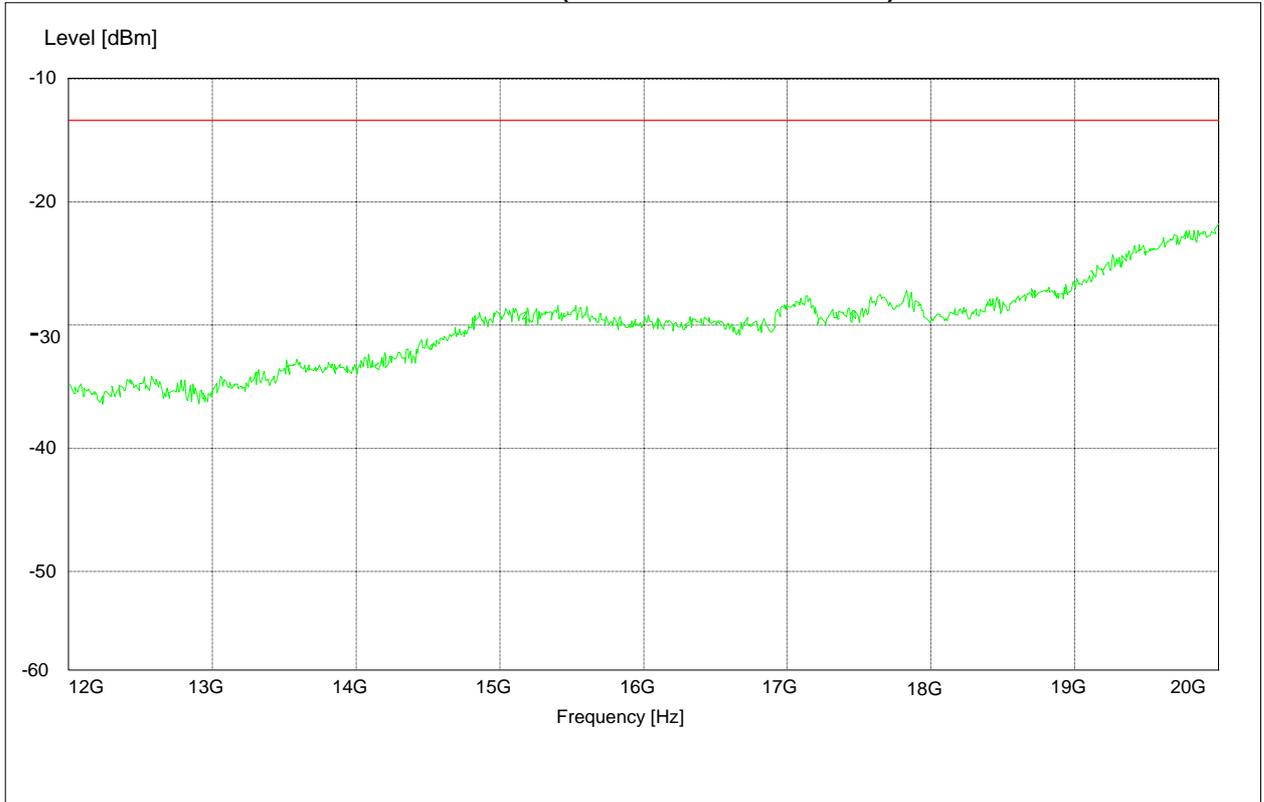
IDLE Mode (30MHz-1GHz)



IDLE Mode (1GHz-12.75GHz)



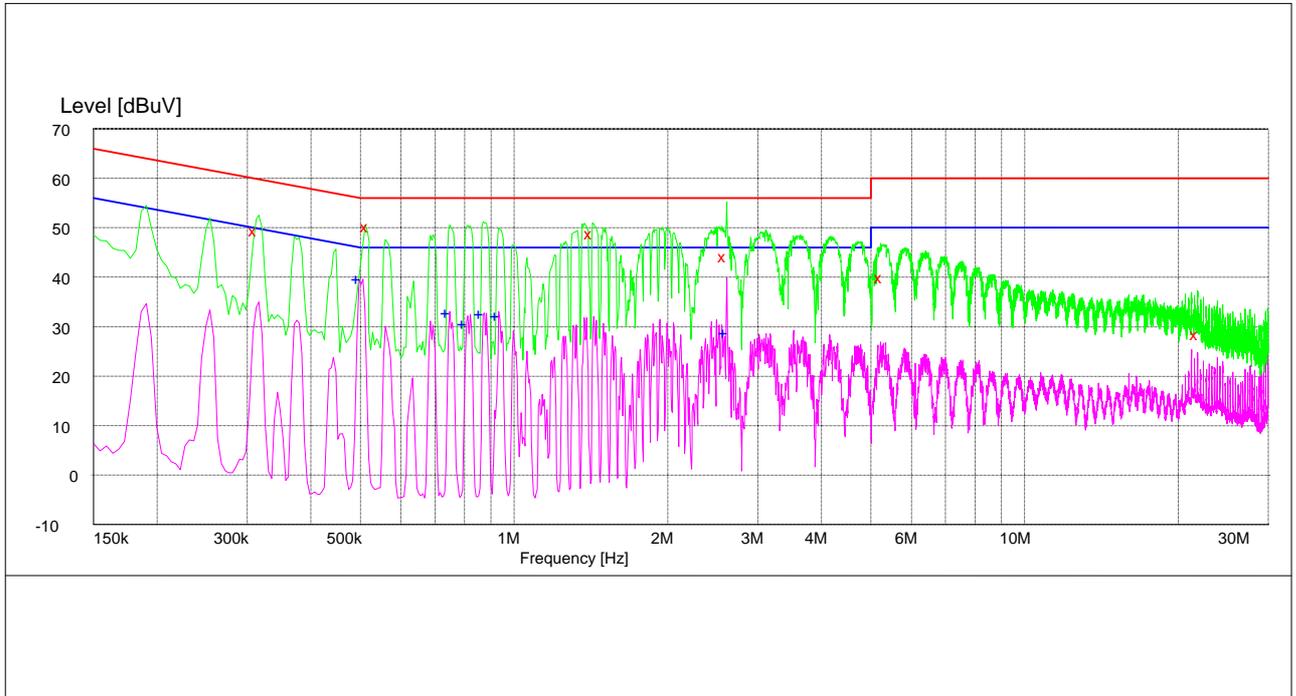
IDLE Mode (12GHz-20GHz)



Appendix G

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
0.312000	49.60	1.0	60	10.4	N	FLO
0.496500	50.30	0.7	56	5.7	L2	FLO
1.419000	49.00	0.6	56	7.0	L2	FLO
2.598000	44.30	0.6	56	11.7	L2	FLO
5.257500	40.10	0.6	60	19.9	L2	FLO
21.799500	28.70	3.0	60	31.3	L2	FLO

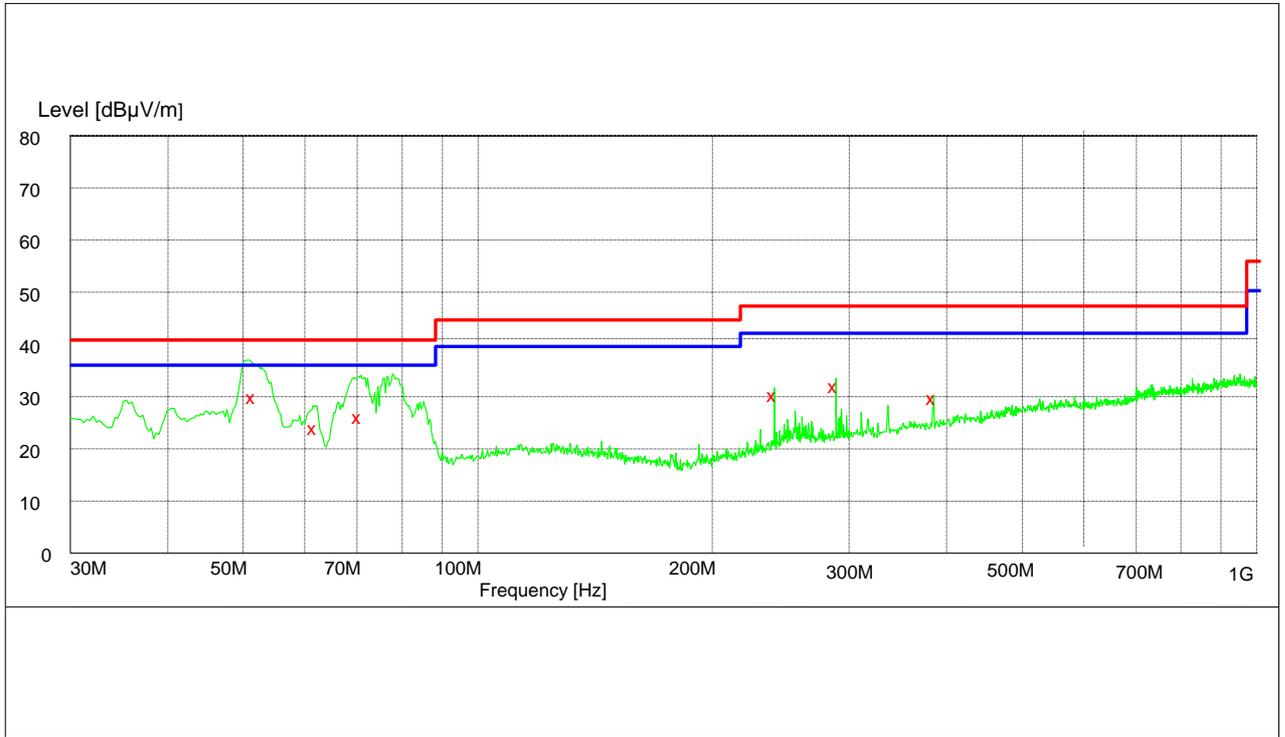
MEASUREMENT RESULT: "AV DECTER"

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.496500	39.90	0.7	46	6.2	N	FLO
0.744000	33.20	0.7	46	12.8	L2	FLO
0.802500	30.90	0.7	46	15.1	N	FLO
0.865500	32.90	0.6	46	13.1	L2	FLO
0.928500	32.60	0.5	46	13.4	L2	FLO
2.602500	29.10	0.6	46	16.9	L2	FLO

Appendix H

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
51.600000	30.30	-13.8	40.0	6.7	115.0	144.00	VERTICAL
61.800000	24.30	-9.8	40.0	15.7	100.0	20.00	VERTICAL
70.500000	26.50	-10.8	40.0	13.5	100.0	40.00	VERTICAL
240.600000	30.50	-11.7	46.0	15.5	105.0	30.00	VERTICAL
288.300000	32.40	-6.2	46.0	13.6	105.0	105.00	VERTICAL
384.770000	30.00	-5.1	46.0	16.0	100.0	10.00	VERTICAL



Appendix I

Photos of Test Setup

1 Radiated Emissions

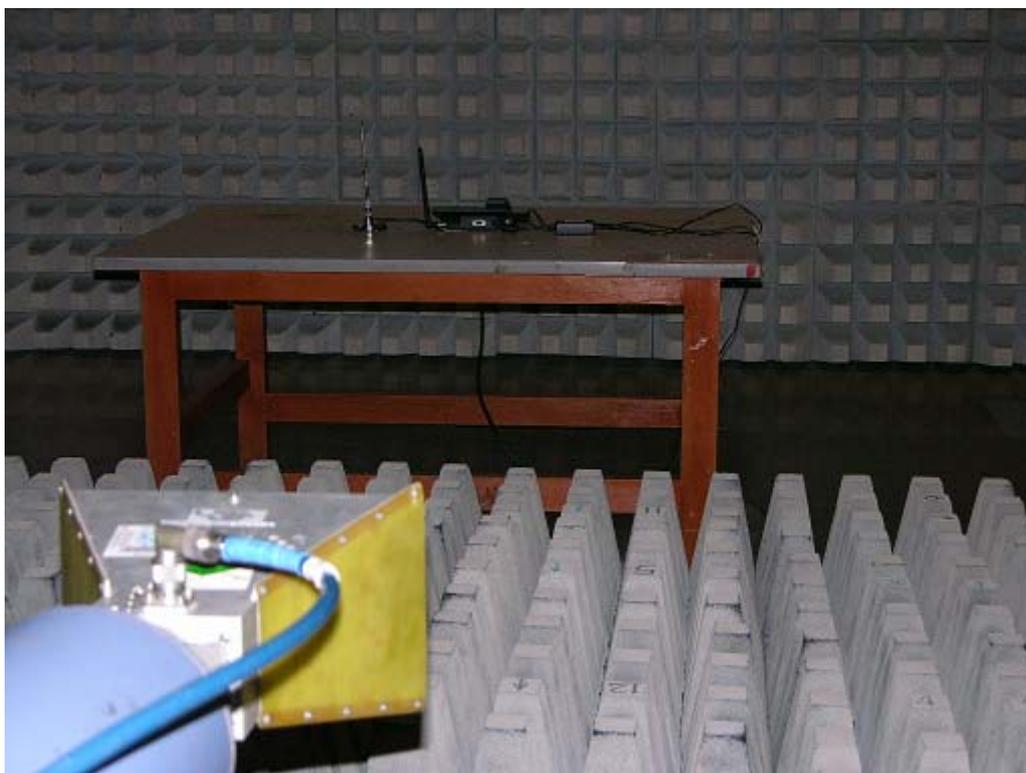


Radiated Disturbance

2 Radiated Spurious Emissions

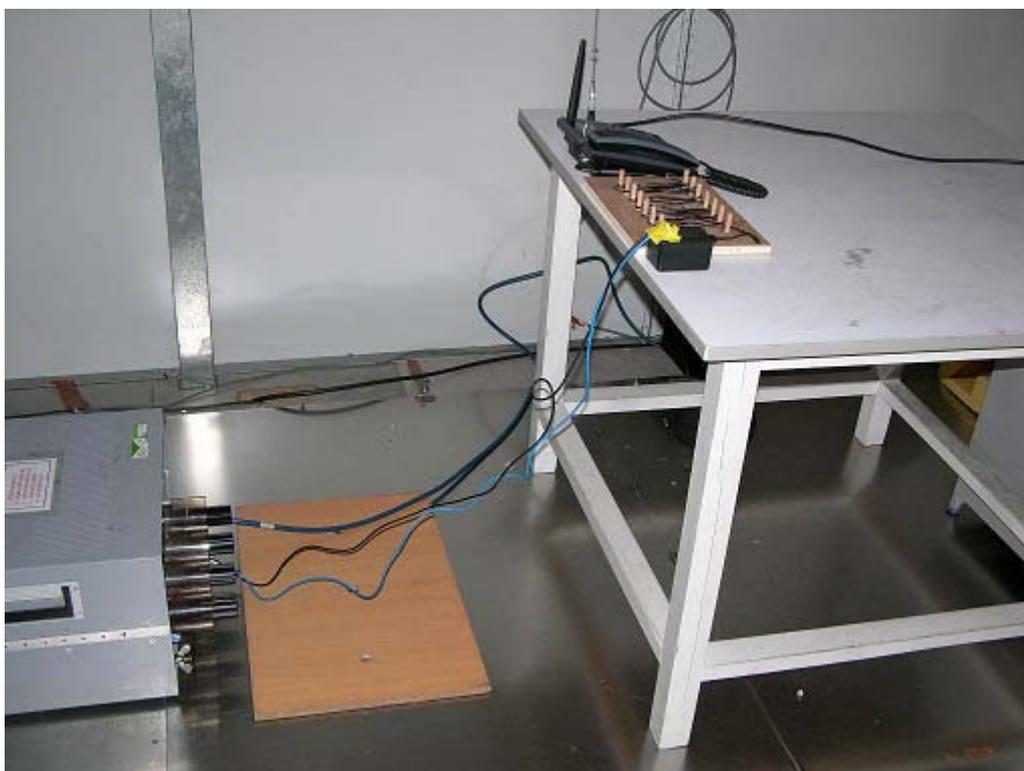


Radiated Spurious Emission (below 1GHz)



Radiated Spurious Emission (above 1GHz)

3 Conducted Emissions



Conducted Emissions for AC Ports