

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 Params		
Max/Min Power Setup ▾		Maximum Power 23.63 dBm Minimum Power -59.19 dBm/1.23 MHz Single						Cell 1 Power		
								-25.00		
Maximum Power Setup ▾								dBm/1.23 MHz		
								Cell Band		
								US PCS		
Minimum Power Setup ▾								Channel		
								25		
								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				1 of 4



TM3:

Measurement/Instrument Screen									
Control		Maximum/Minimum Power						Call Parm	
Max/Min Power Setup ▾		Maximum Power 23.81 dBm Minimum Power -59.04 dBm/1.23 MHz				Cell 1 Power		-25.00	
						dBm/1.23 MHz			
Maximum Power Setup ▾						Cell Band		US PCS	
Minimum Power Setup ▾						Channel		25	
						Protocol Rev		6 (IS-2000-0)	
						Radio Config		(Fud3, Rvs3)	
								S055 (Loopback)	
						FCH Service Option Setup ▾			
1 of 2				Active Cell Connected		Sys Type: IS-2000		Logging: No Conn.	
					IntRef	Offset			
								1 of 4	



Channel 600

TM1:

Measurement/Instrument Screen												
Control		Maximum/Minimum Power								Call Params		
Max/Min Power Setup ▾		Maximum Power 24.41 dBm Minimum Power -59.75 dBm/1.23 MHz Single								Cell 1 Power		
										-25.00		
Maximum Power Setup ▾										dBm/1.23 MHz		
										Cell Band		
										US PCS		
Minimum Power Setup ▾										Channel		
										600		
										Protocol Rev		
										6 (IS-2000-0)		
										Radio Config		
										(Fud1, Rvs1)		
										S02 (Loopback)		
										FCH Service Option Setup ▾		
1 of 2				Active Cell Connected				Sys Type: IS-2000			1 of 4	
								Logging: No Conn.				
					IntRef	Offset						

Measurement/Instrument Screen										
Control		Maximum/Minimum Power						Call Params		
Max/Min Power Setup		Maximum Power 24.33 dBm Minimum Power -59.63 dBm/1.23 MHz Single						Cell 1 Power		
								-25.00		
Maximum Power Setup								dBm/1.23 MHz		
								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		
1 of 2								1 of 4		



Channel 1175

TM1:

Measurement/Instrument Screen									
Control	Maximum/Minimum Power							Call Parm	
Max/Min Power Setup ▾	Maximum Power 24.59 dBm Minimum Power -60.74 dBm/1.23 MHz Single							Cell 1 Power	-25.00
Maximum Power Setup ▾								dBm/1.23 MHz	
Minimum Power Setup ▾								Cell Band	US PCS
1 of 2								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 Params		
Max/Min Power Setup ▾	Maximum Power 24.60 dBm Minimum Power -60.76 dBm/1.23 MHz Single						Cell 1 Power	-25.00	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, Rvs3)	
							S055 (Loopback)		
							FCH Service Option Setup ▾		
1 of 2				Active Cell Connected		Sys Type: IS-2000			
						Logging: No Conn.			
				IntRef	Offset				1 of 4

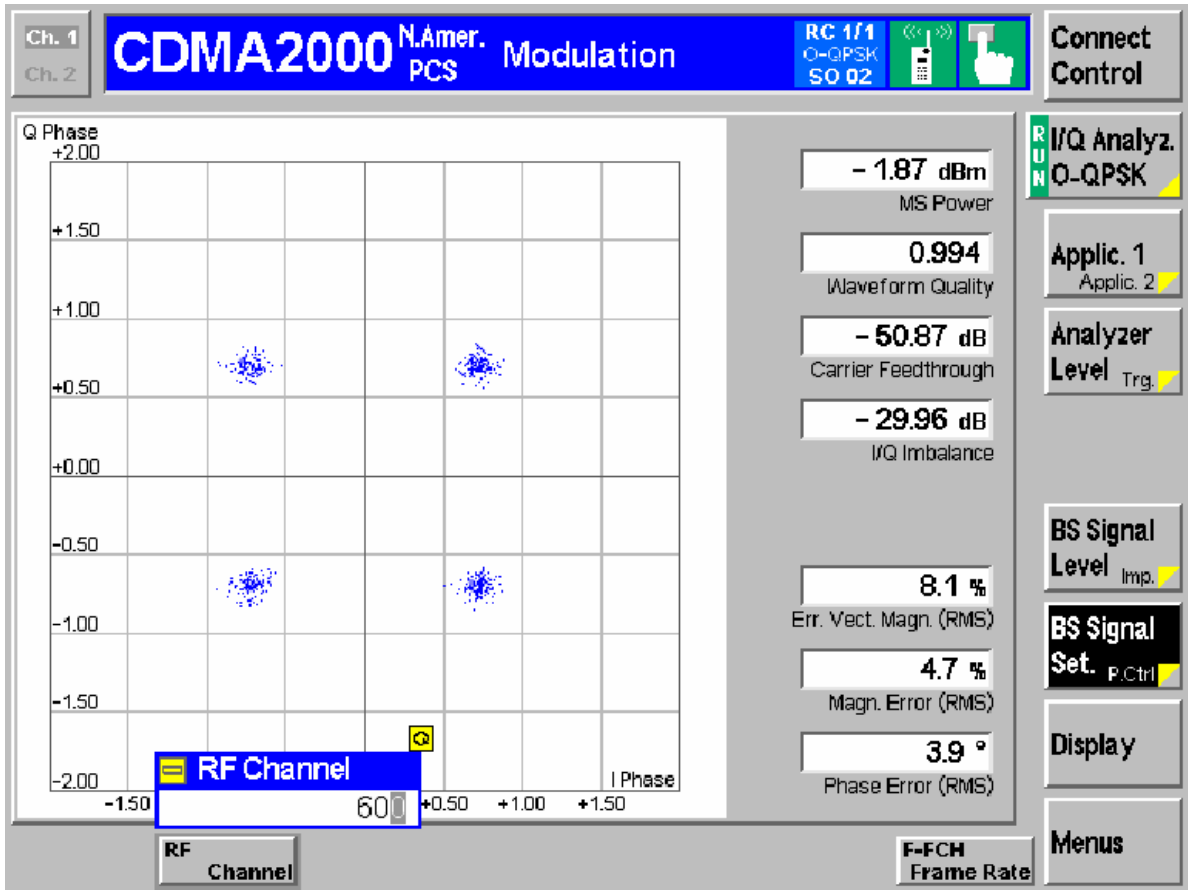
Appendix B

Modulation Characteristics

According to FCC Part 2.1047& Part 24 Subpart E

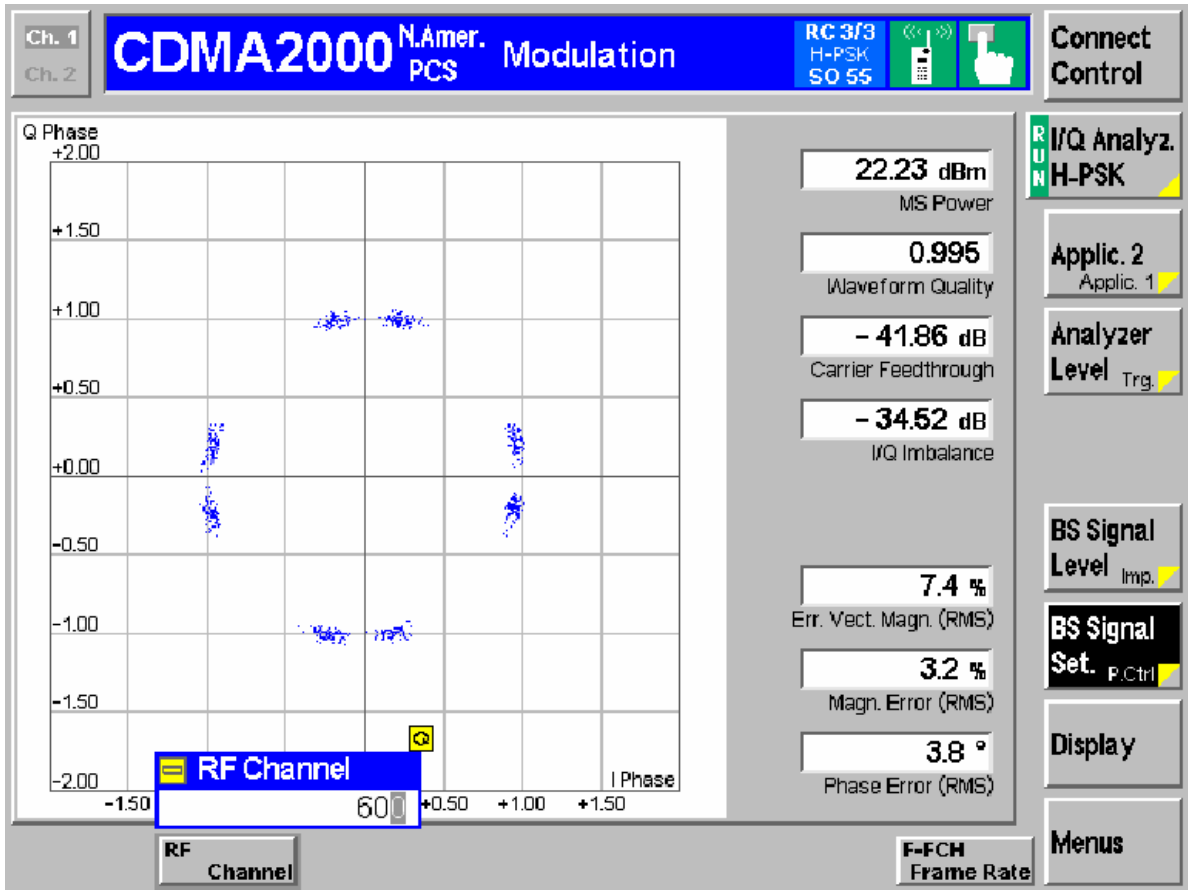


Channel 600 (TM1)





Channel 600 (TM3)

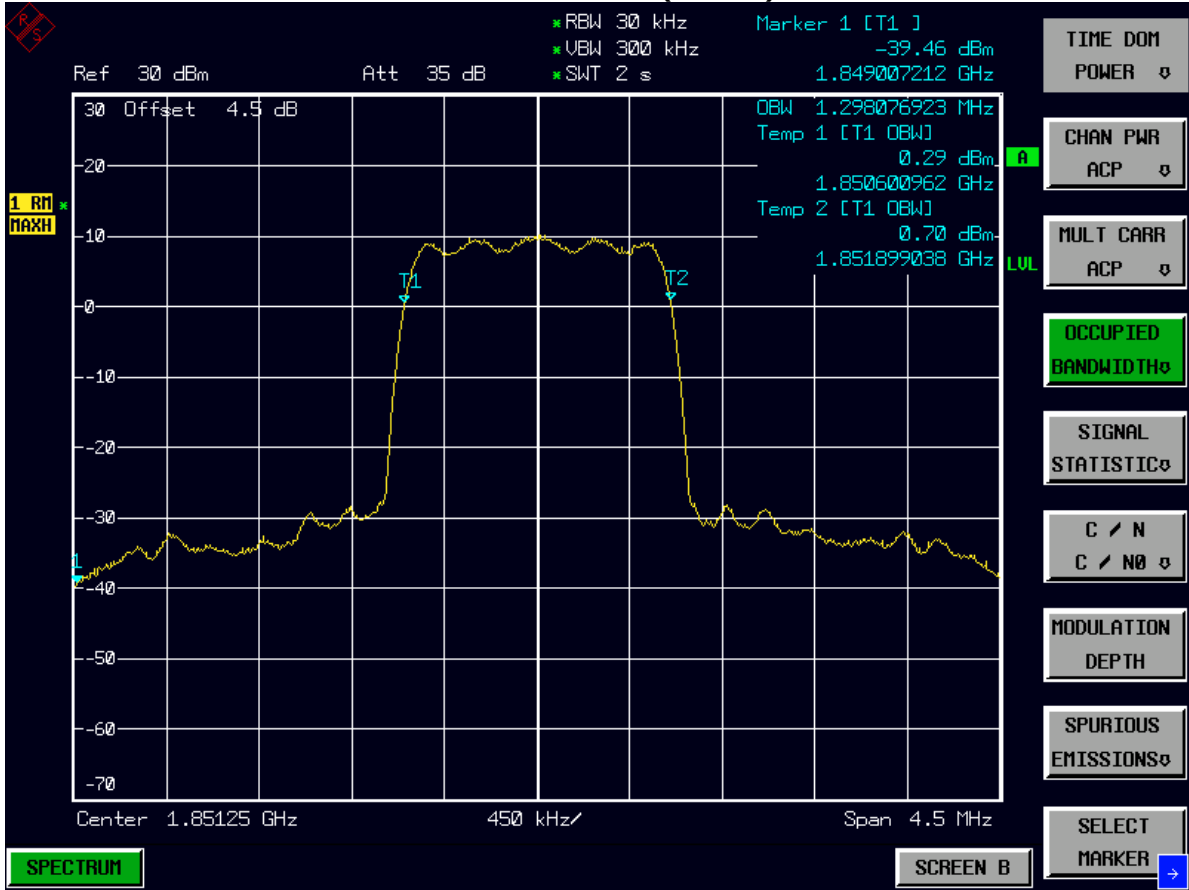


Appendix C

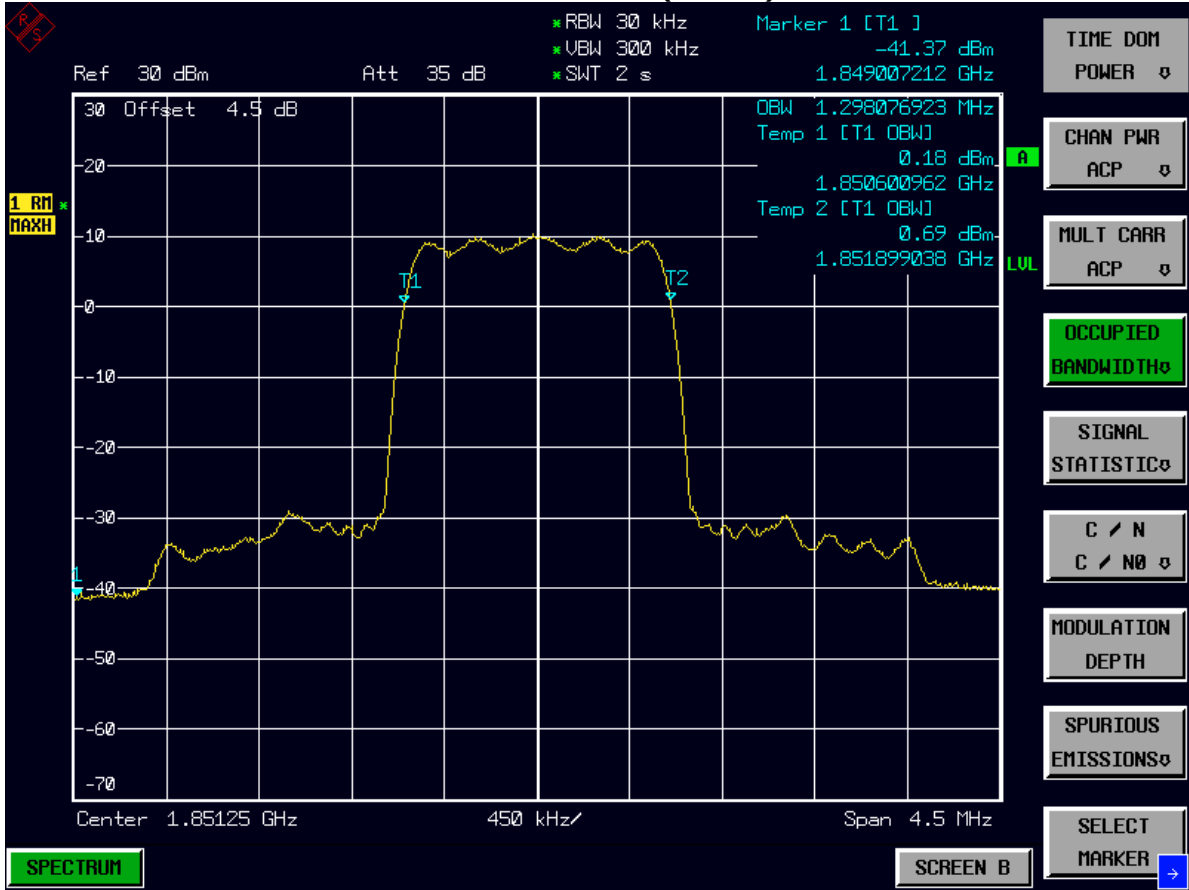
Occupied Bandwidth

According to FCC Part 2.1049& Part 24 Subpart E

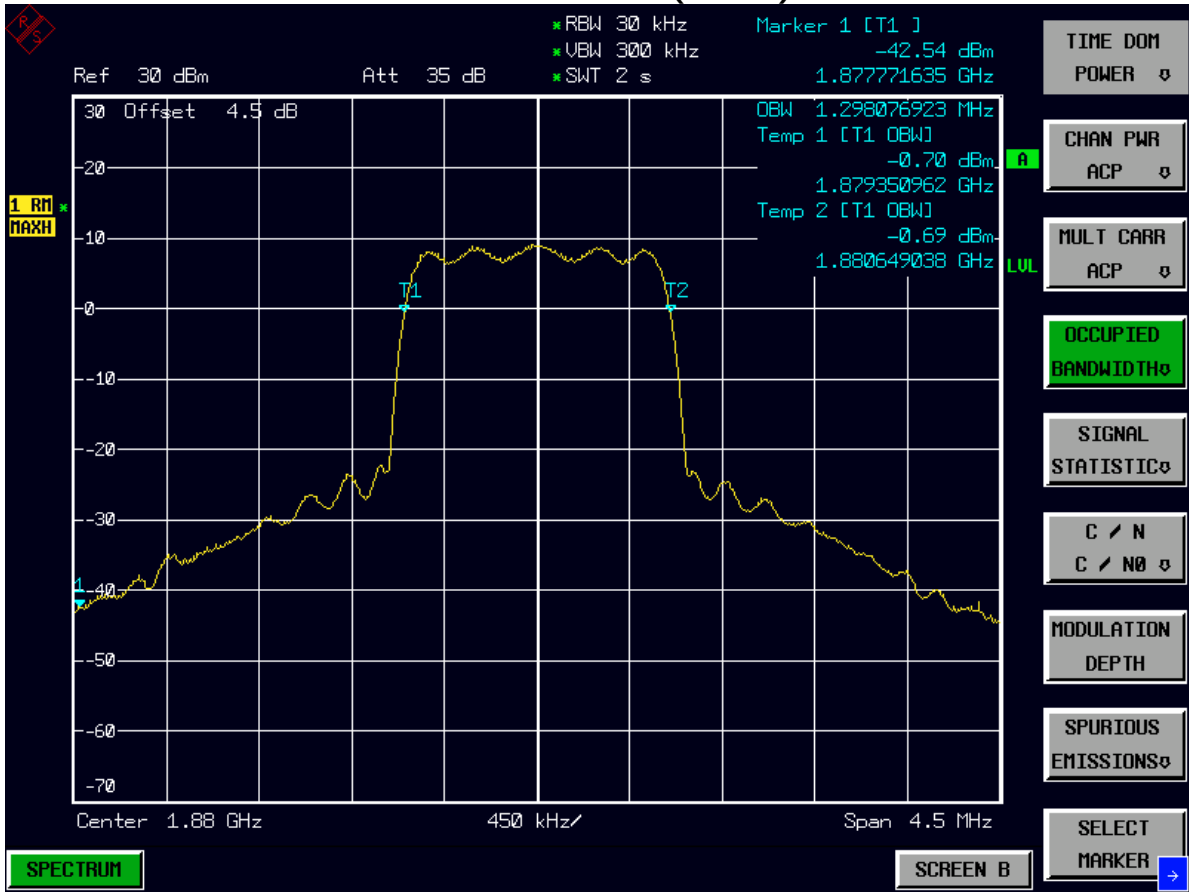
Channel 25(TM1)



Channel 25(TM3)

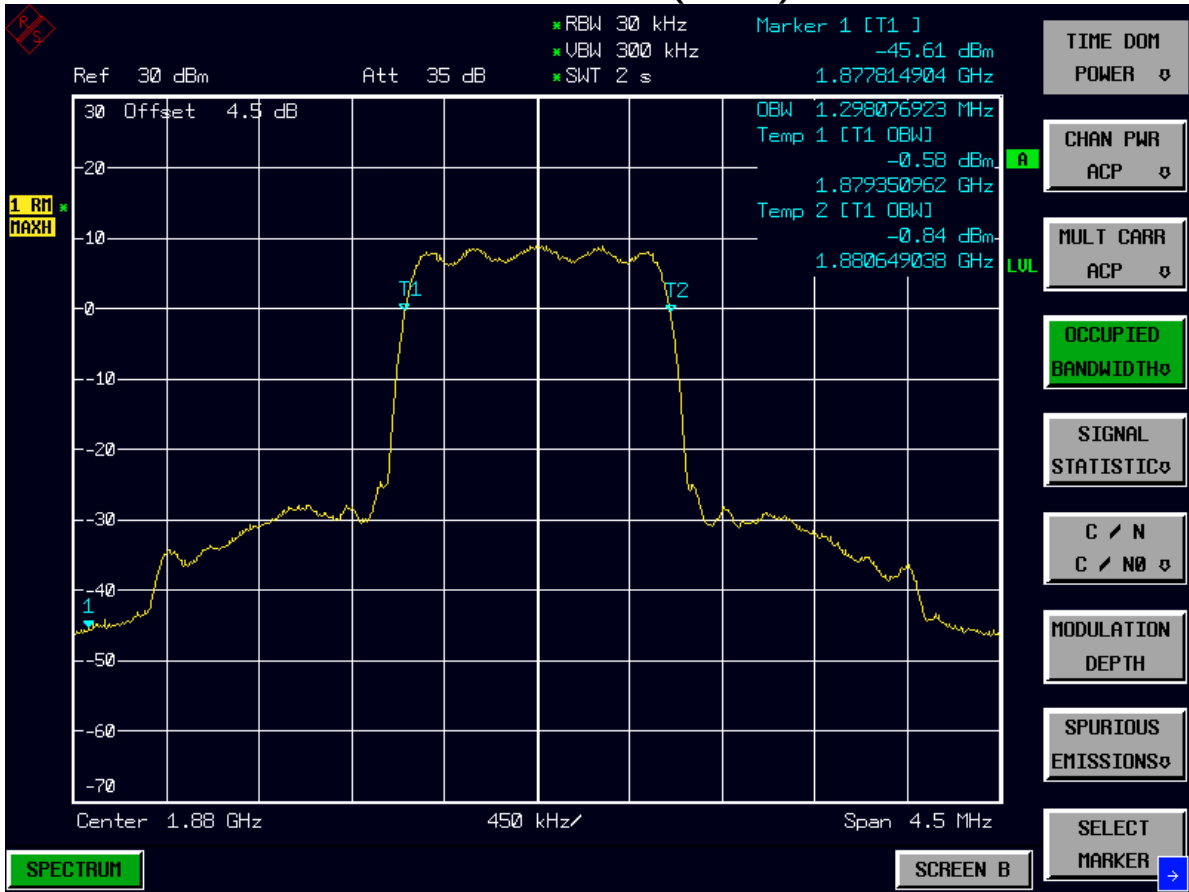


Channel 600(TM1)



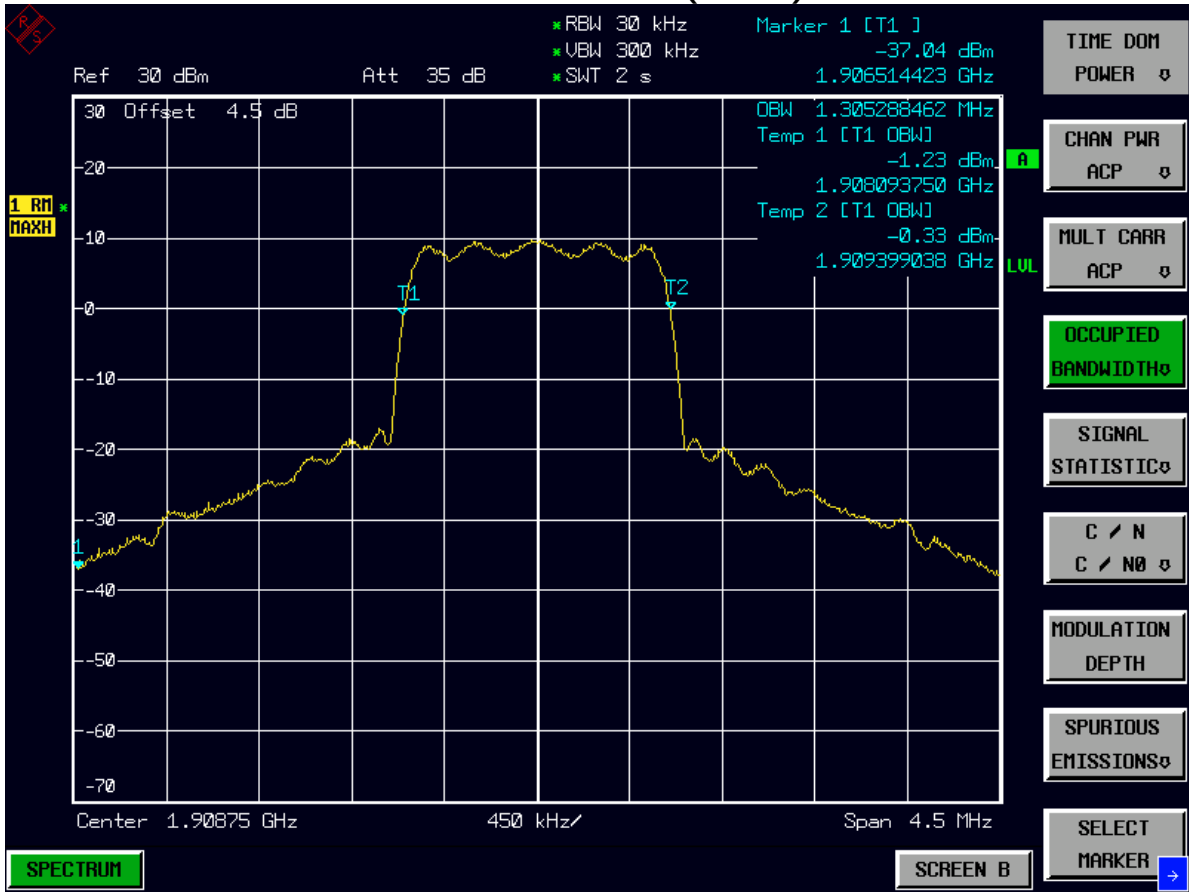


Channel 600(TM3)

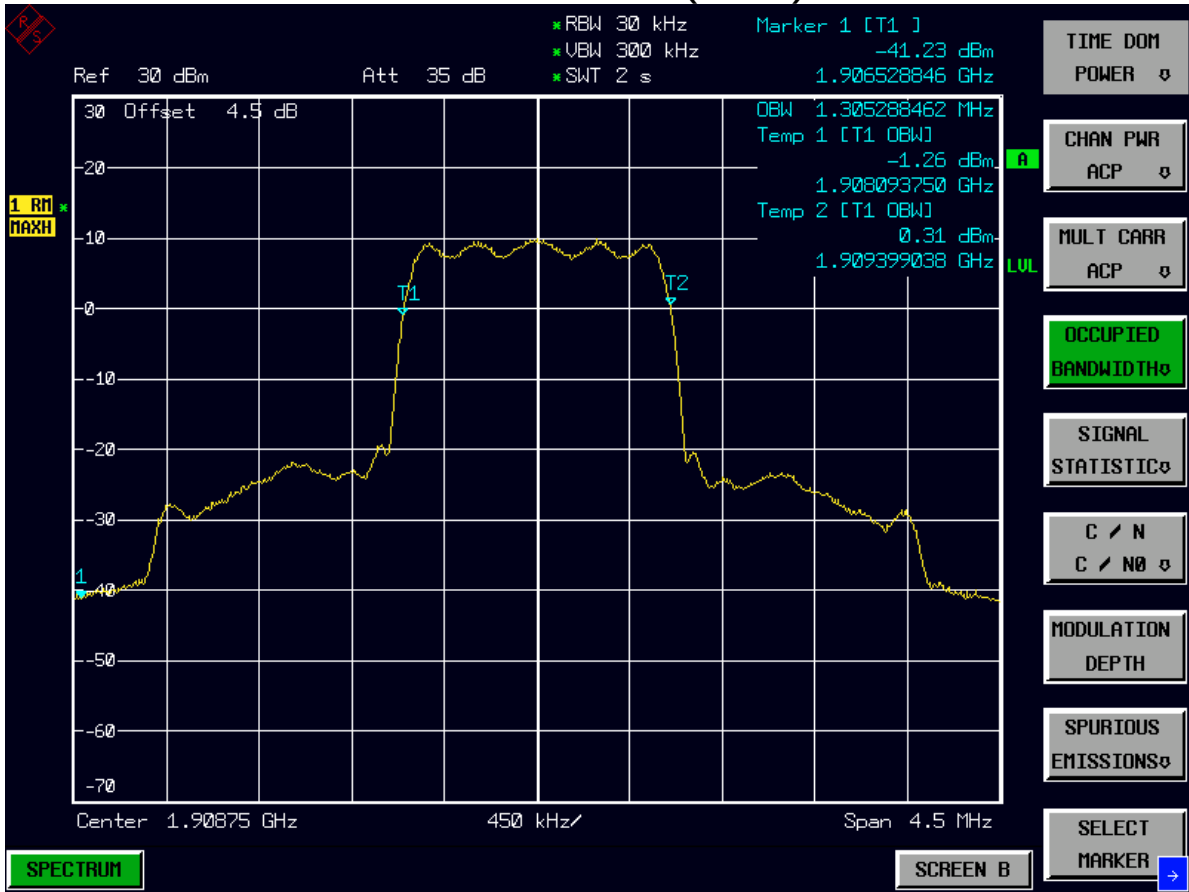




Channel 1175(TM1)



Channel 1175(TM3)

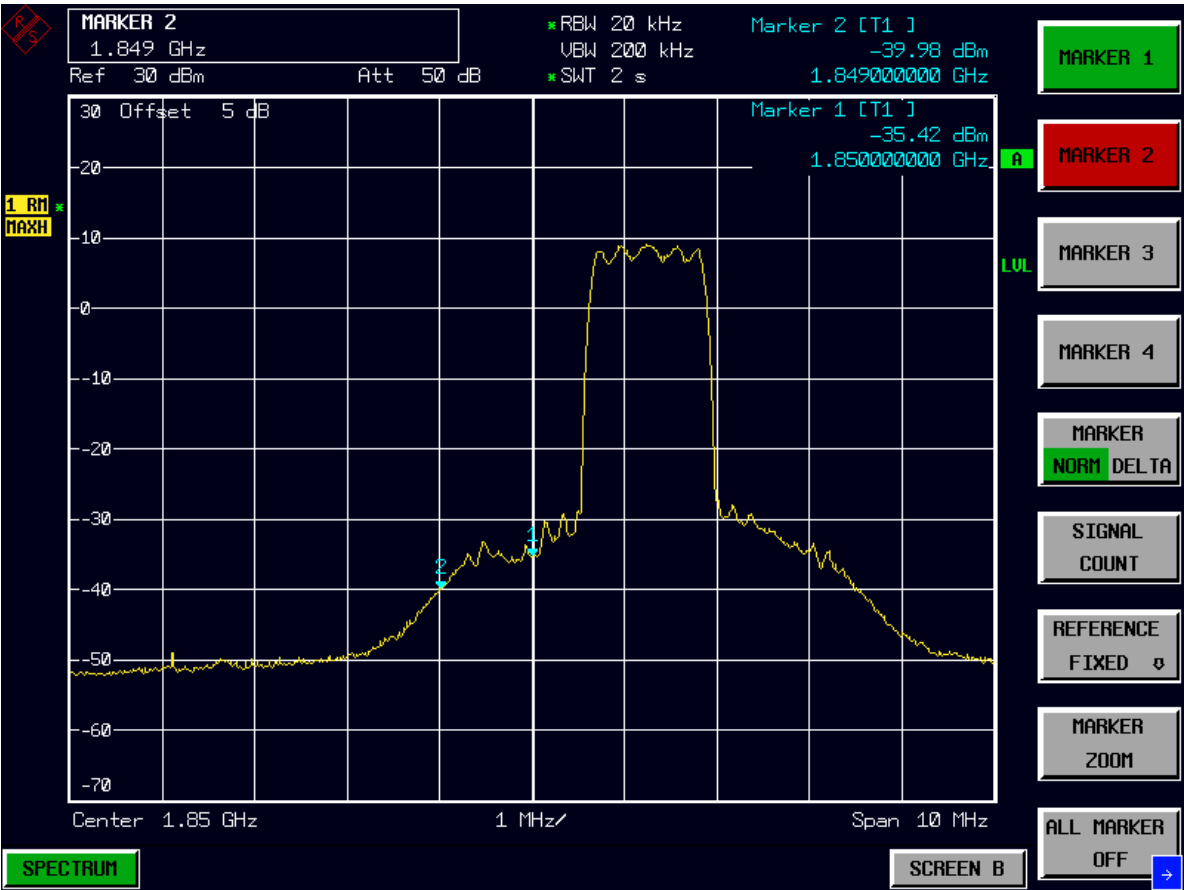


Appendix D

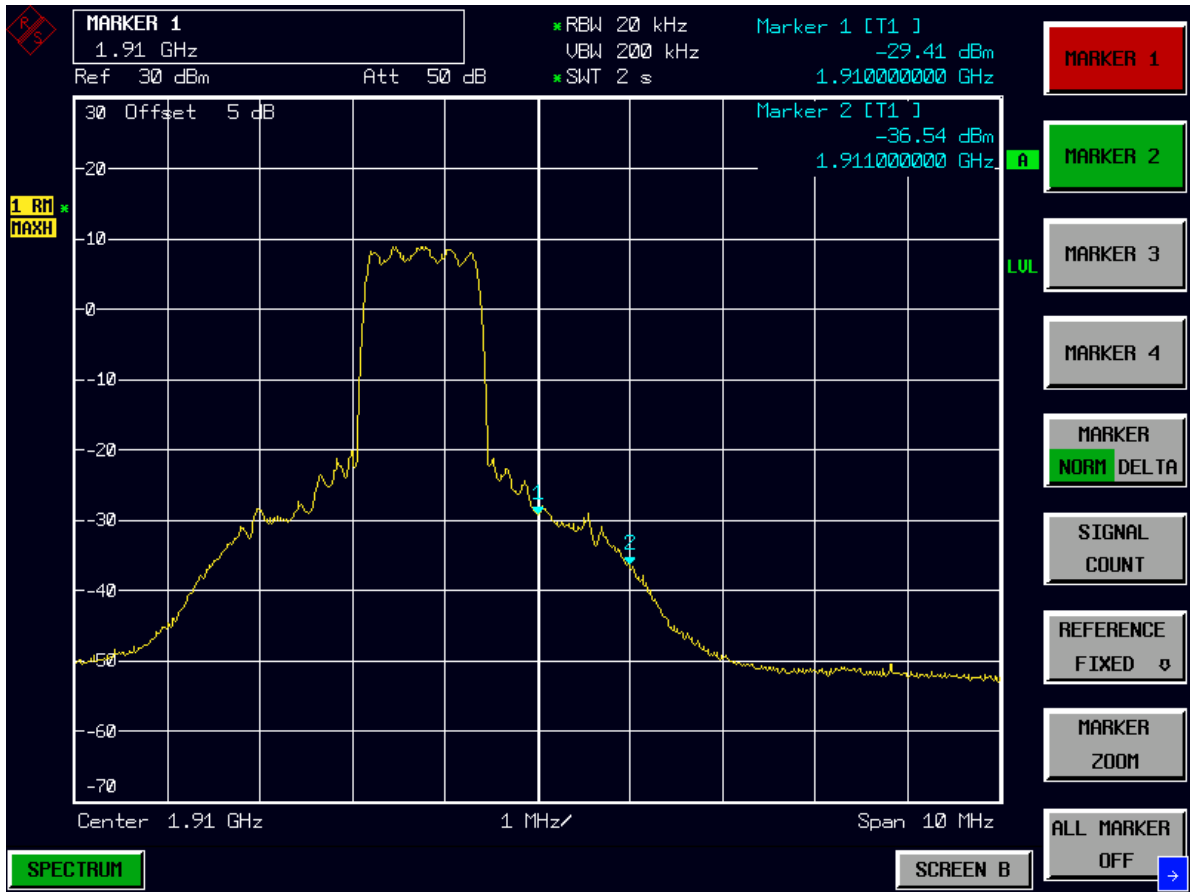
Band Edges Compliance According to FCC Part 2.1051 & 24.238

TM1

Left Edge (1850 MHz)
Channel 25

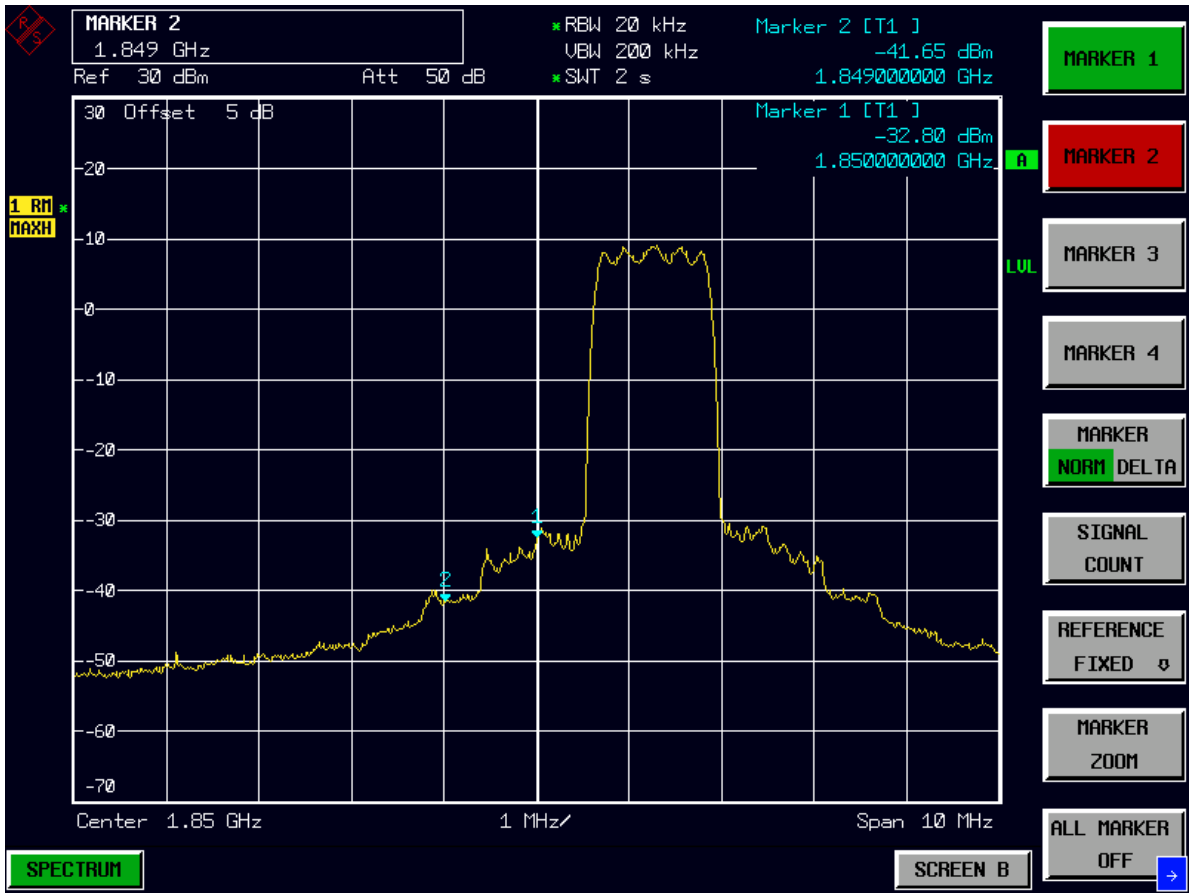


Right Edge (1910MHz)
Channel 1175



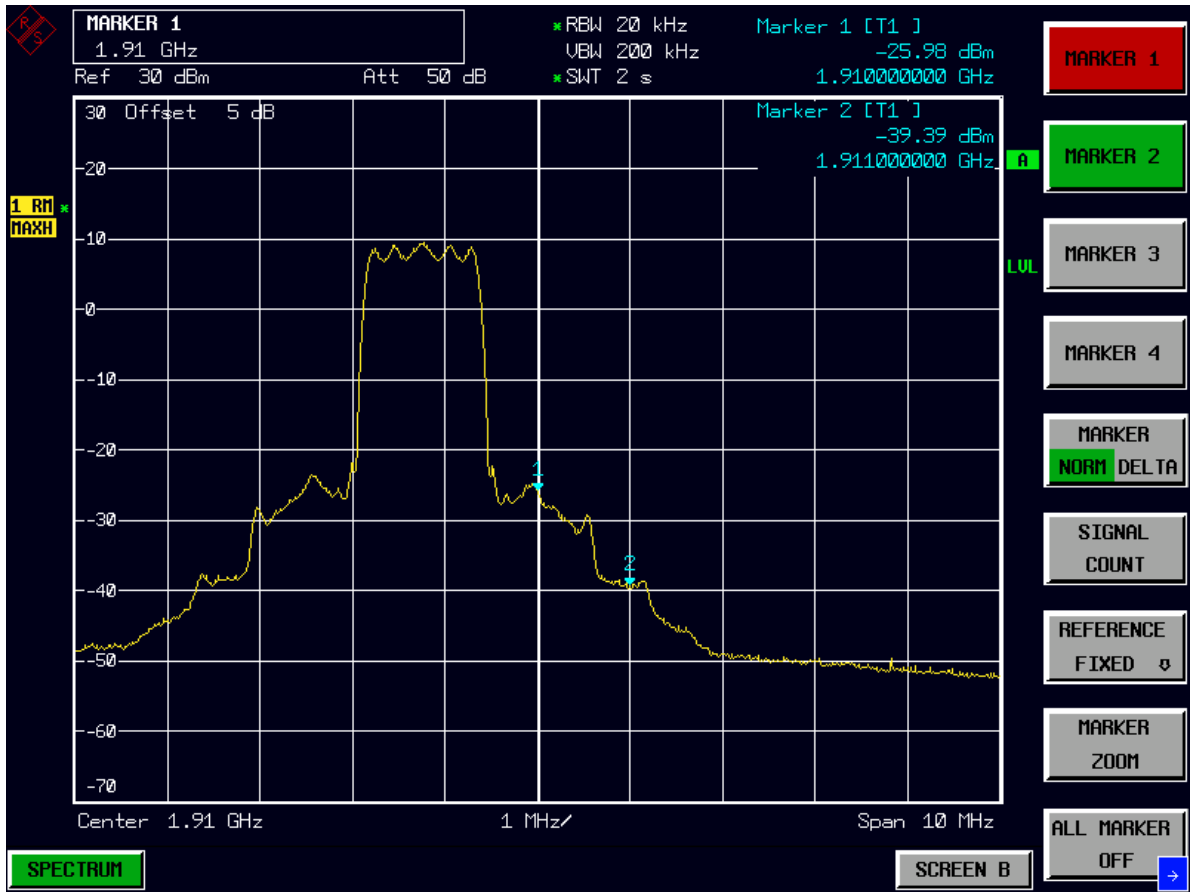
TM3

Left Edge (1850 MHz)
Channel 25





Right Edge (1910MHz)
Channel 1175



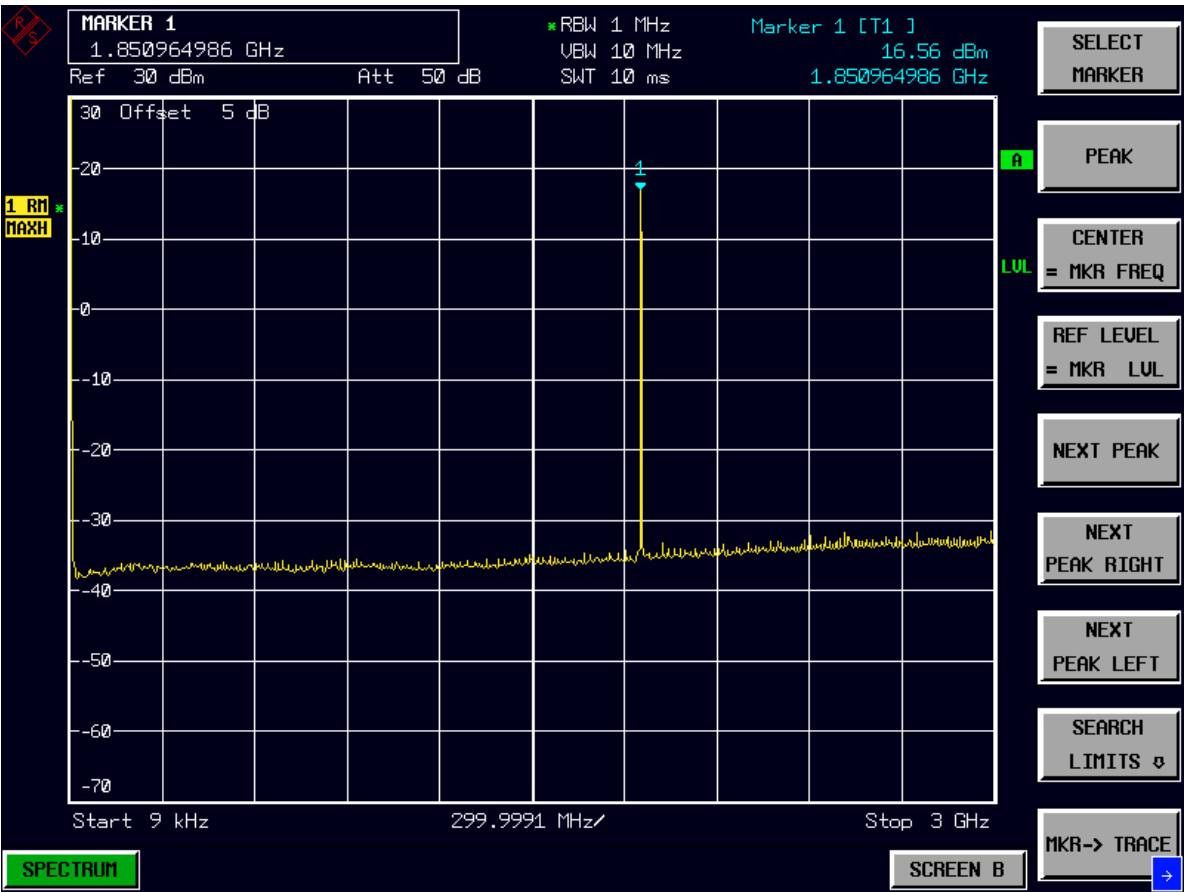
Appendix E

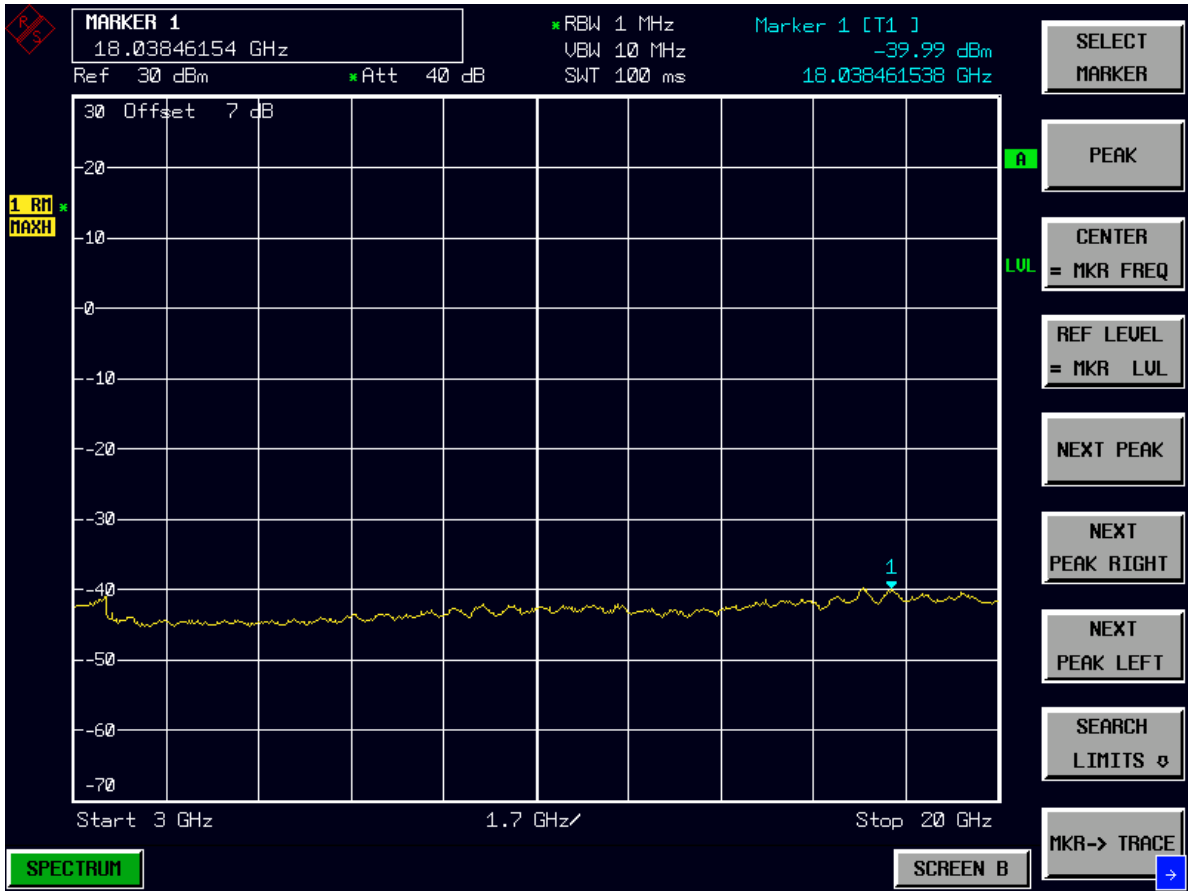
Spurious Emission at Antenna Terminal

According to FCC part 2.1051 & 24.238

1.1 TM1

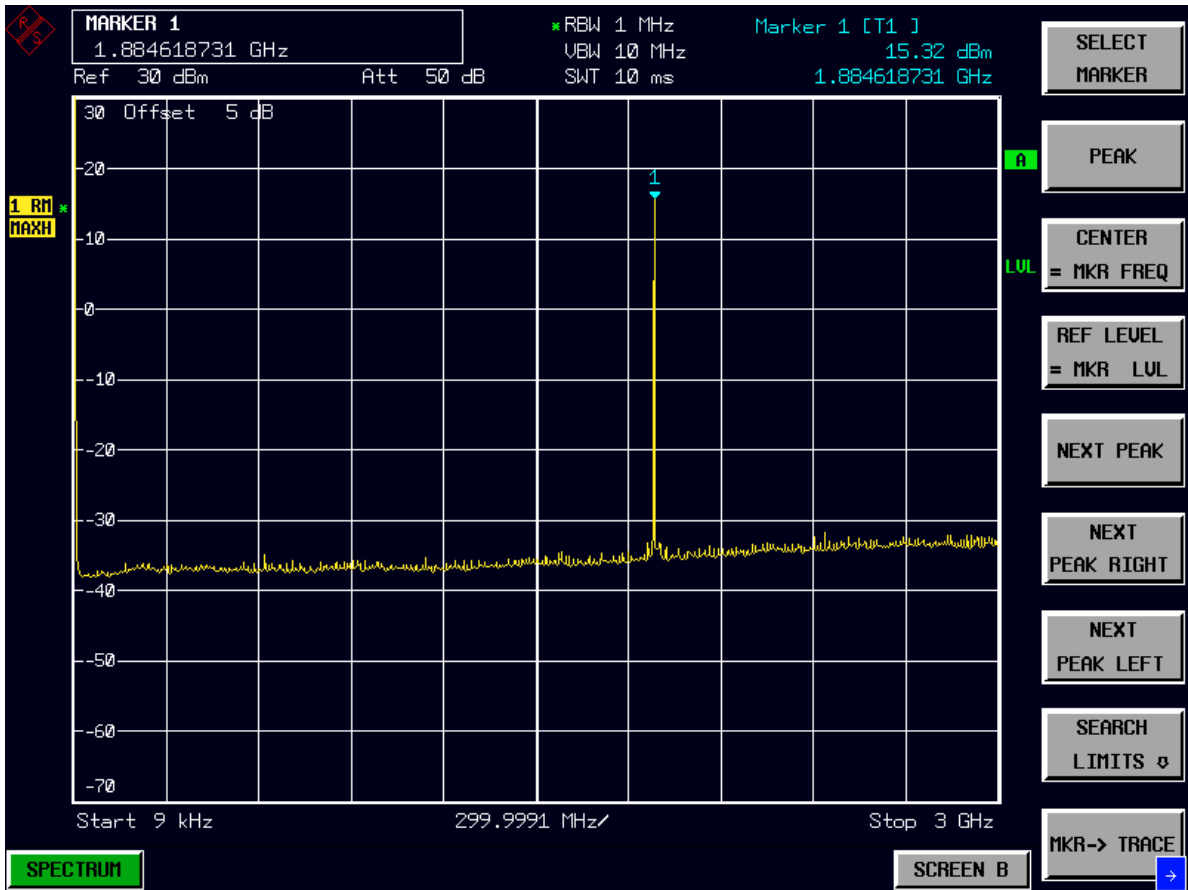
Channel 25

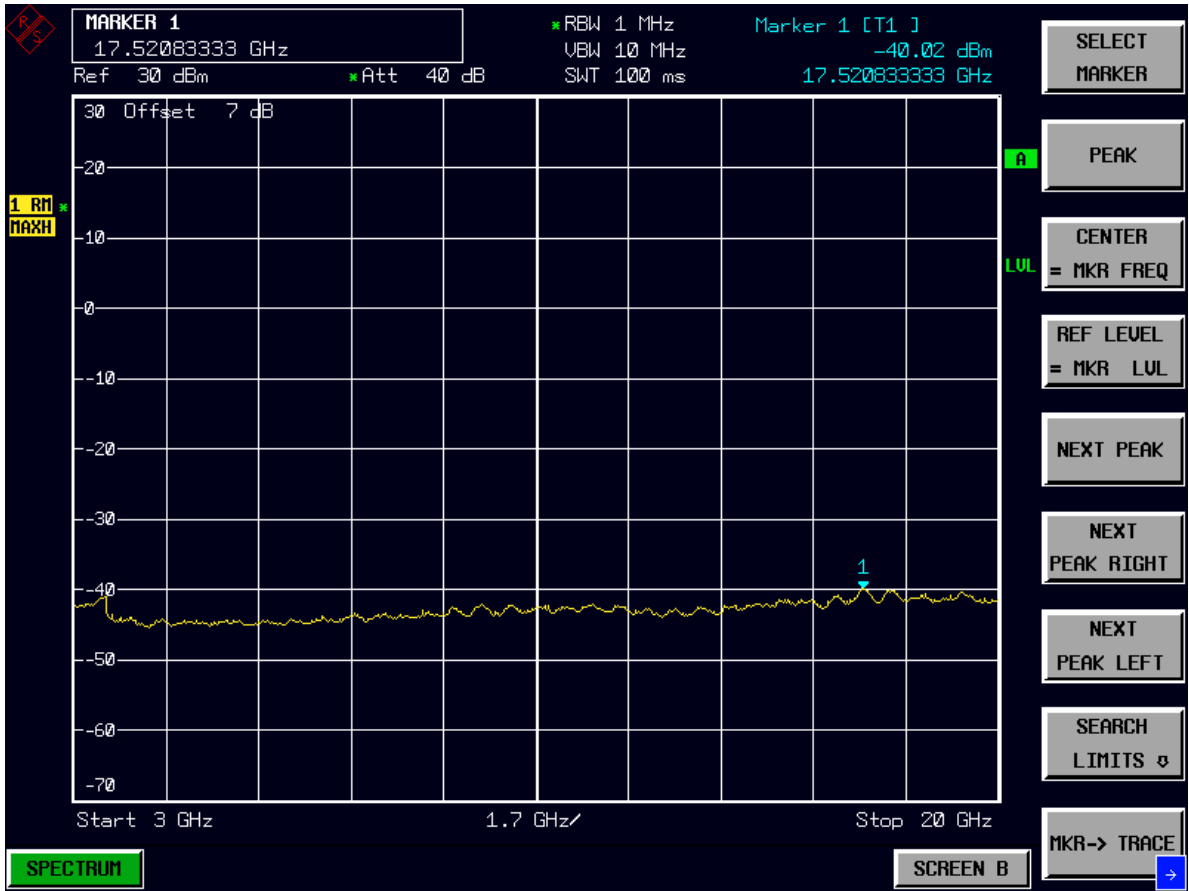






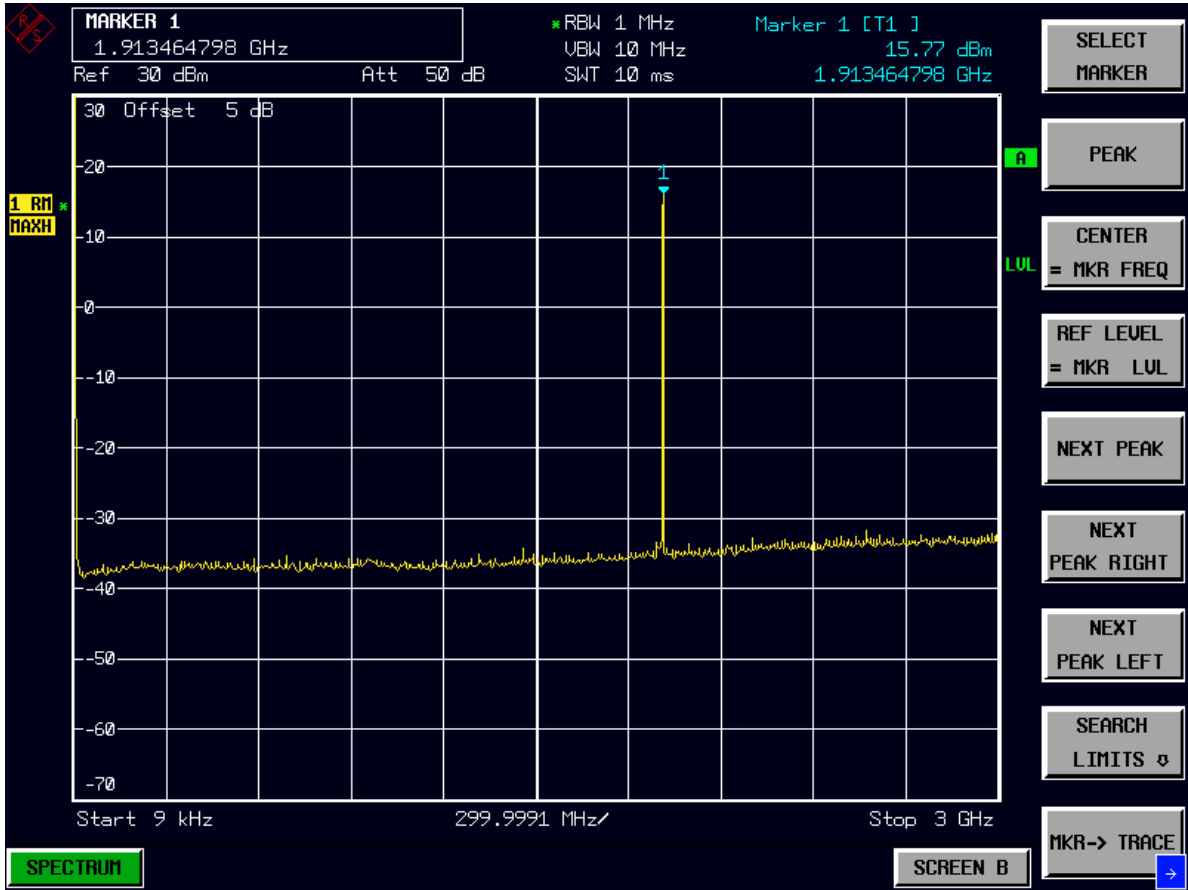
Channel 600

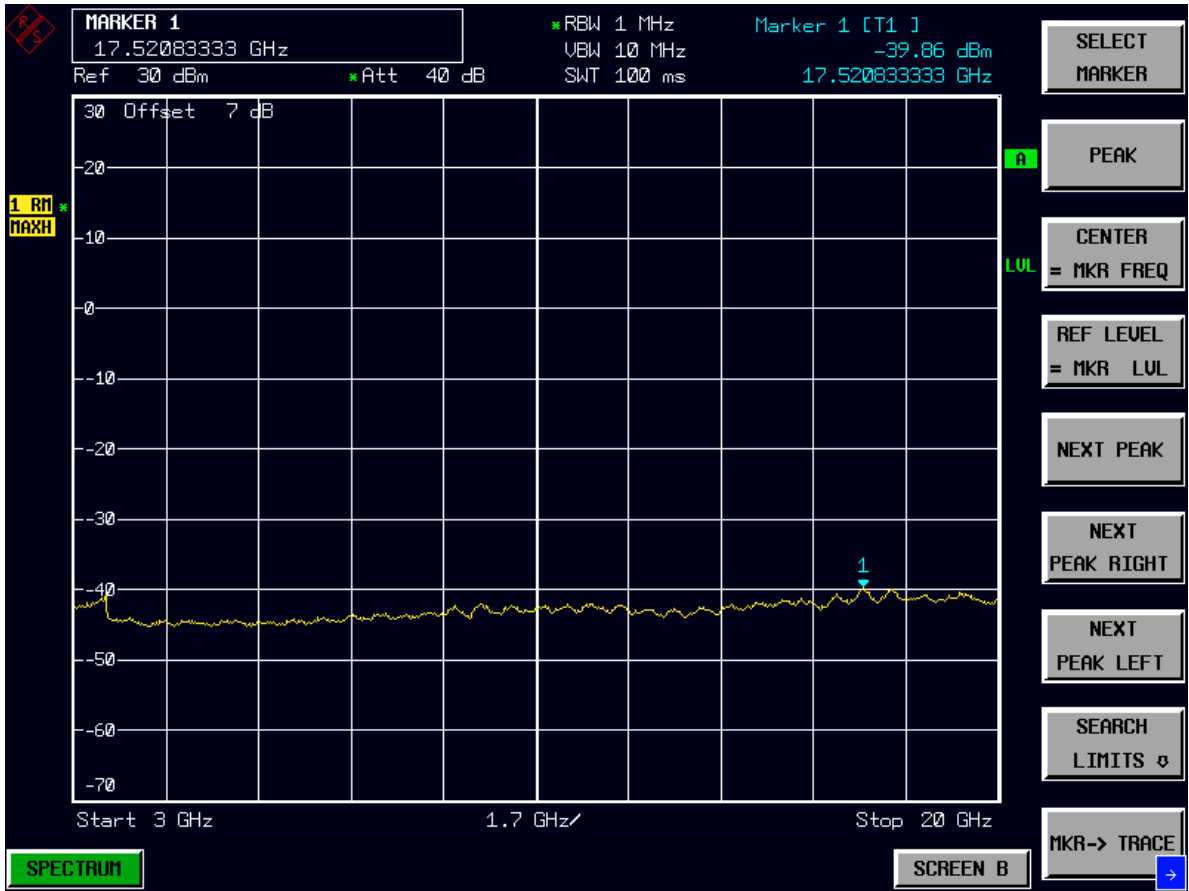






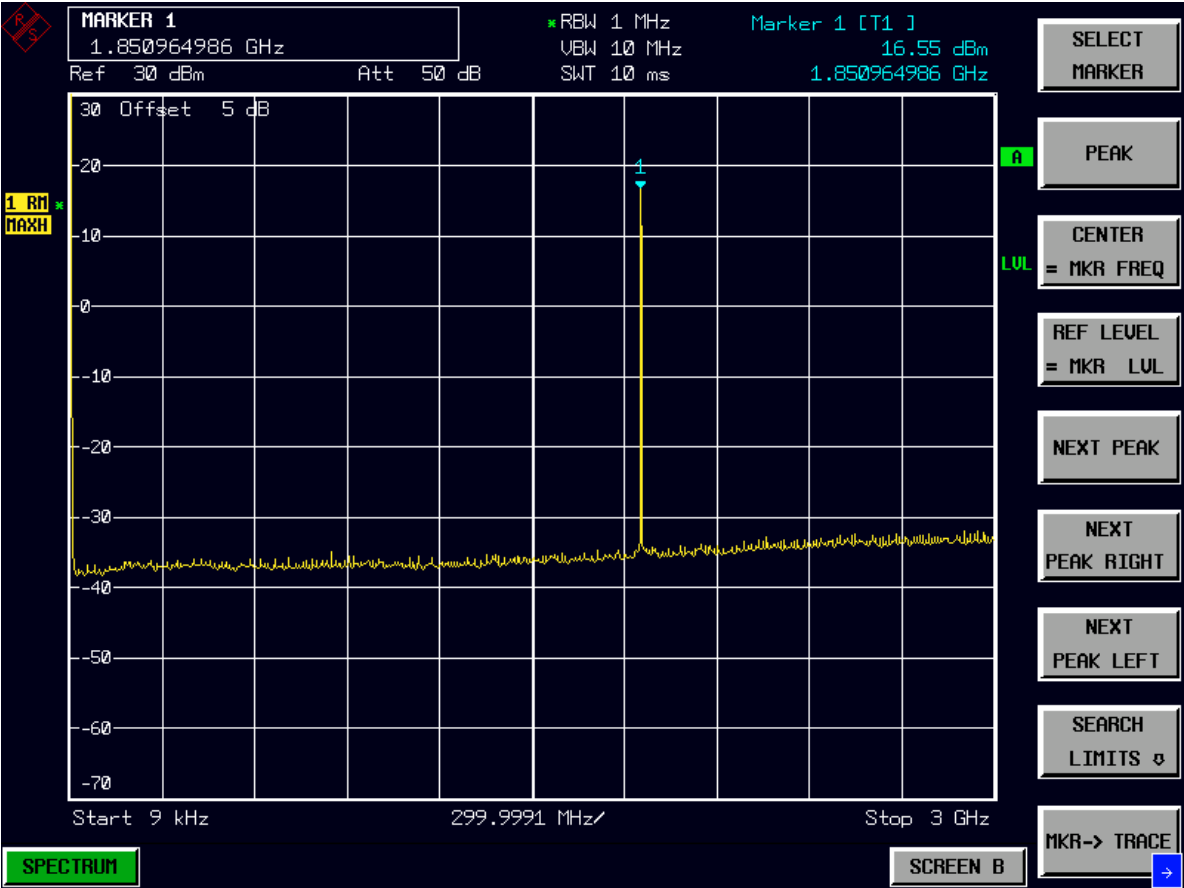
Channel 1175

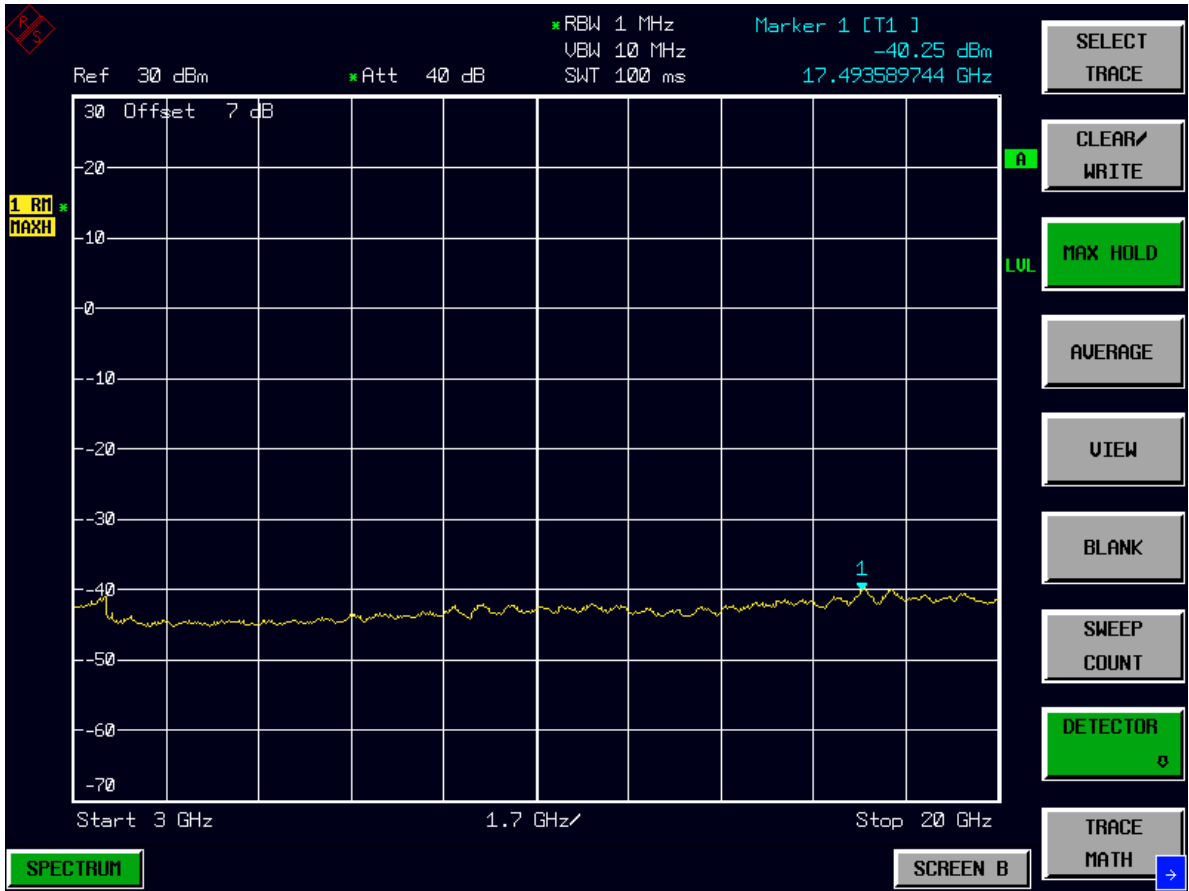




TM3

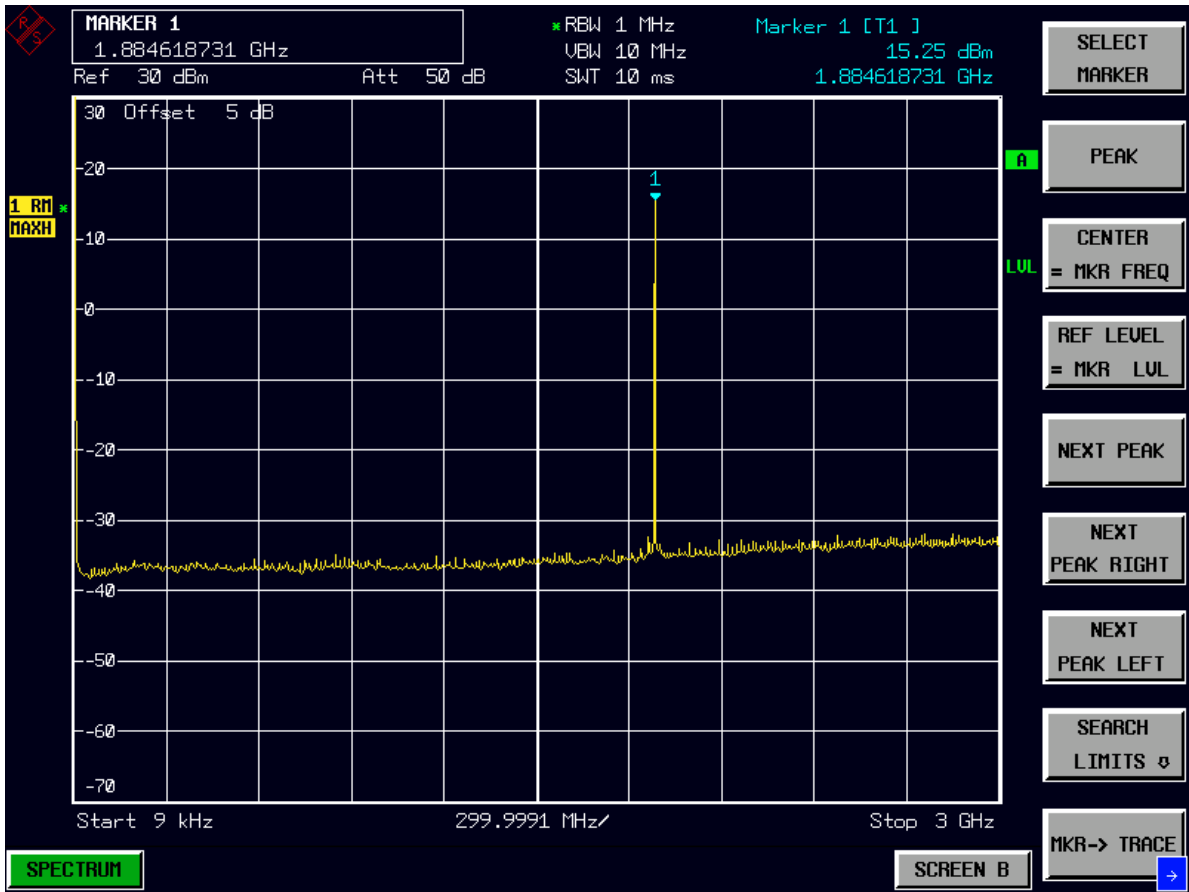
Channel 25

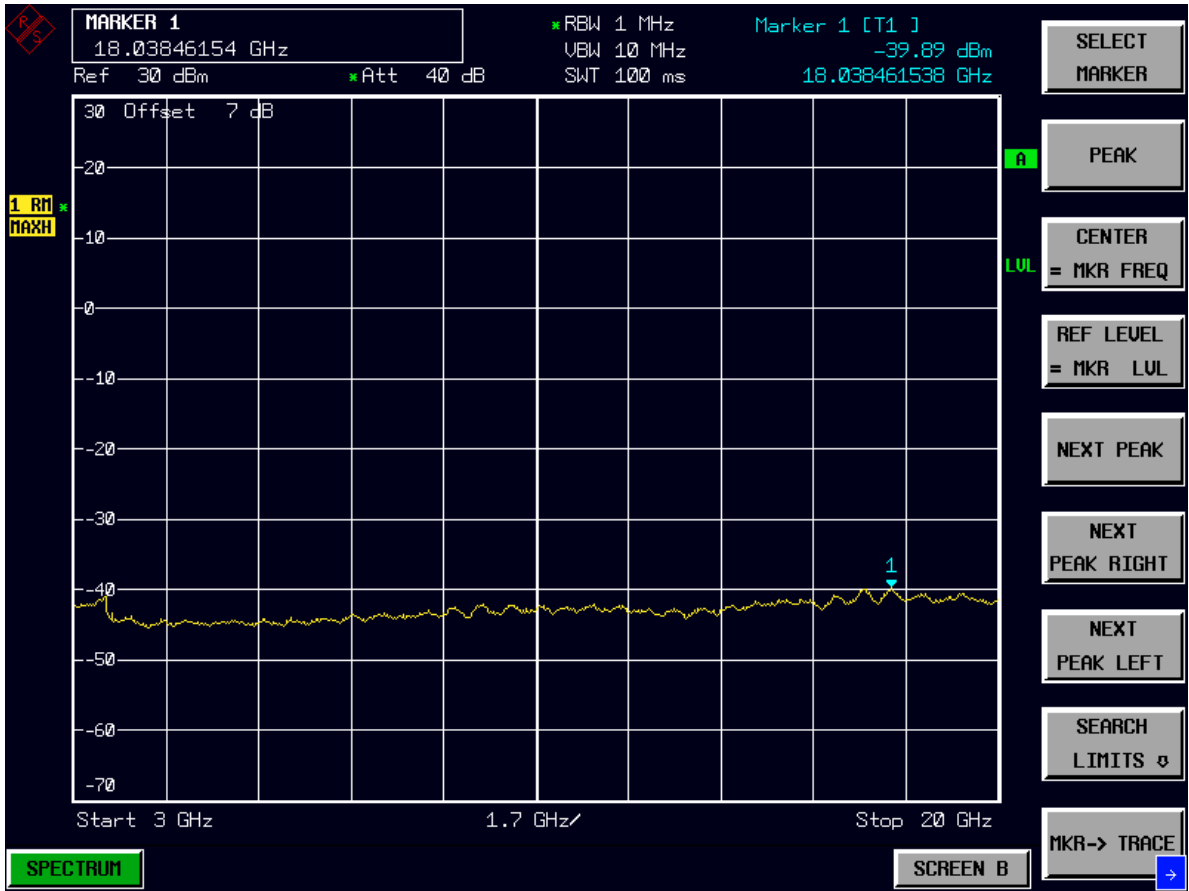






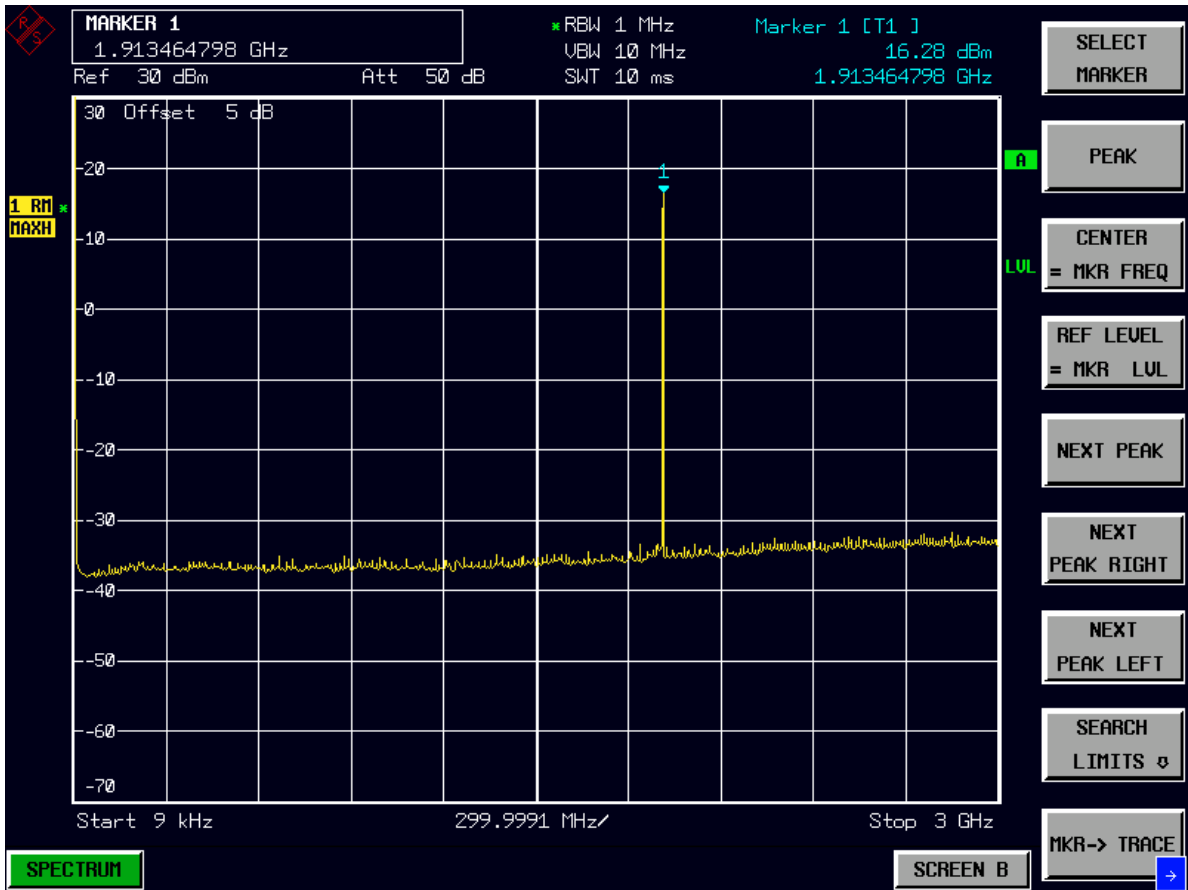
Channel 600

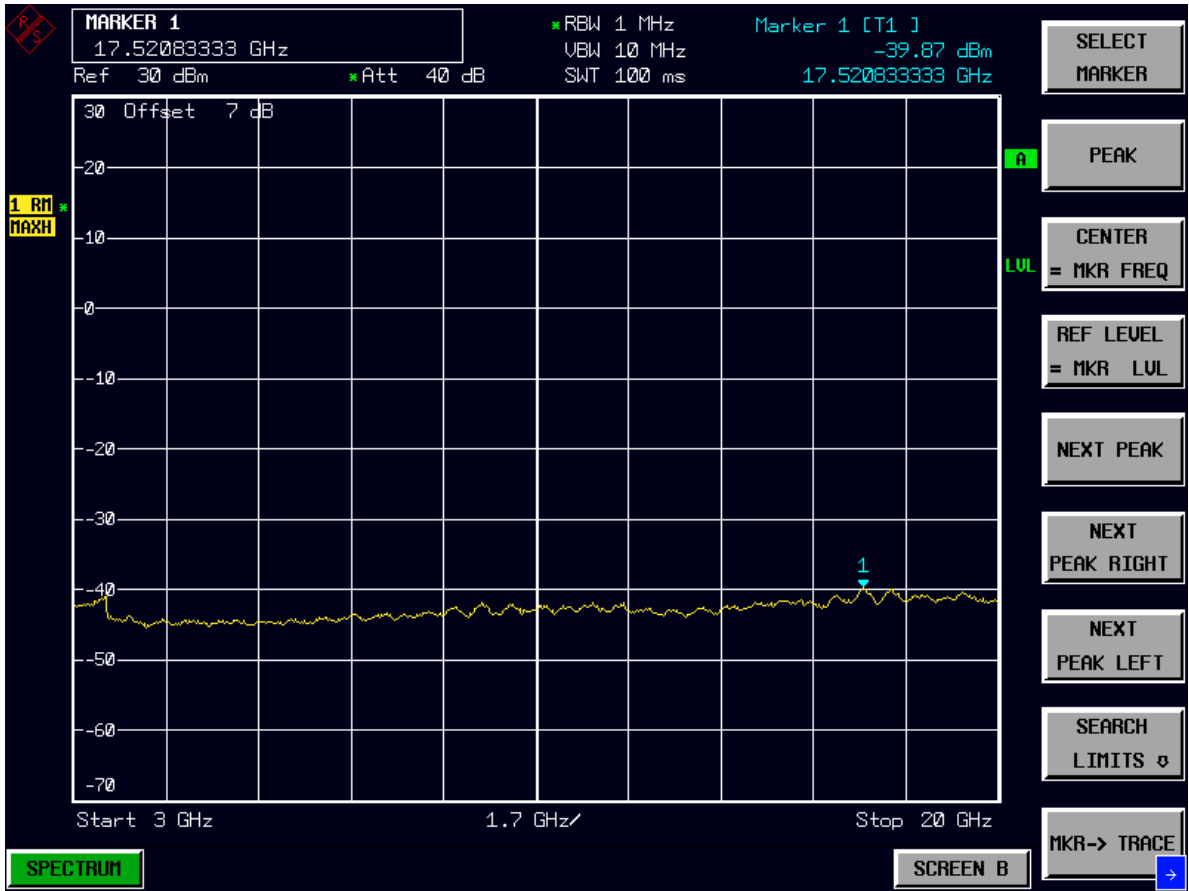






Channel 1175



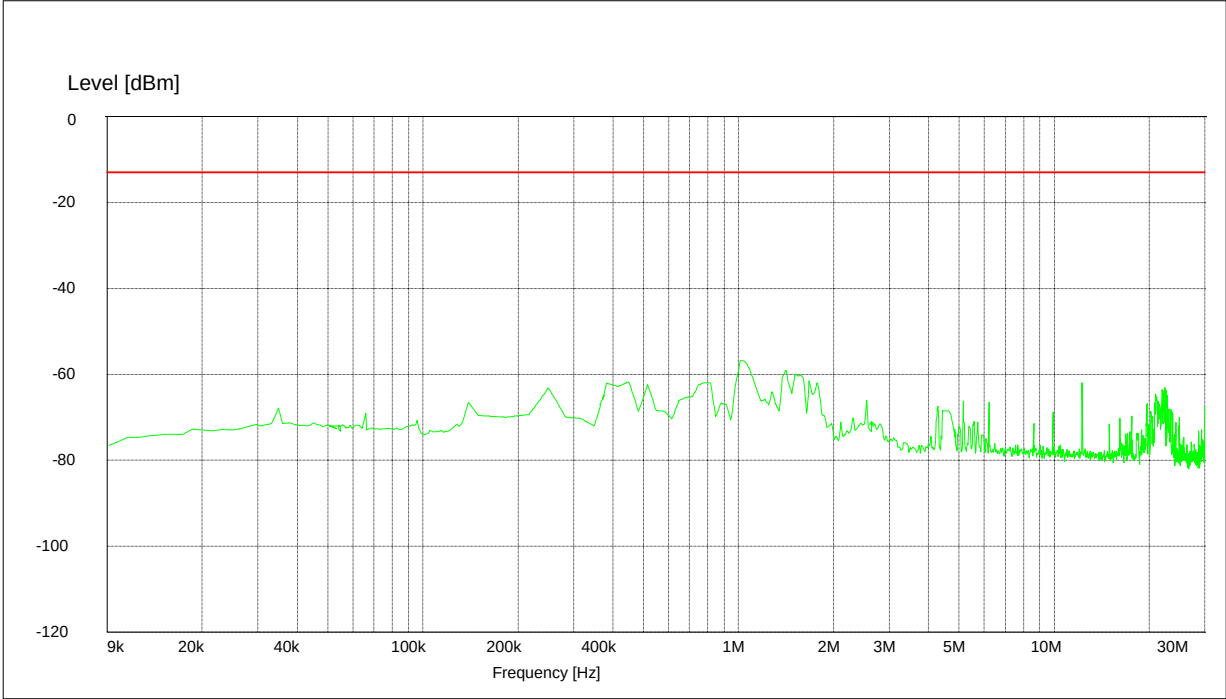


Appendix F

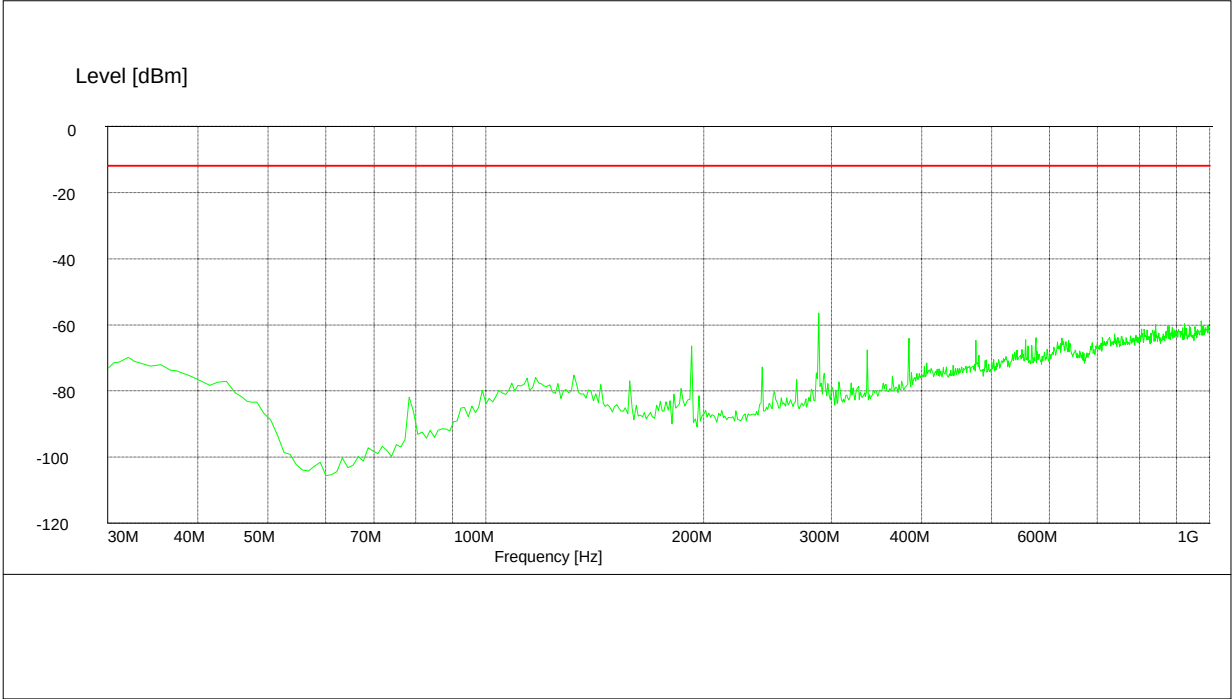
Radiated Spurious Emission

According to CFR 47 (FCC) part 2.1053 & 24.238

Traffic Mode (9kHz-30MHz)

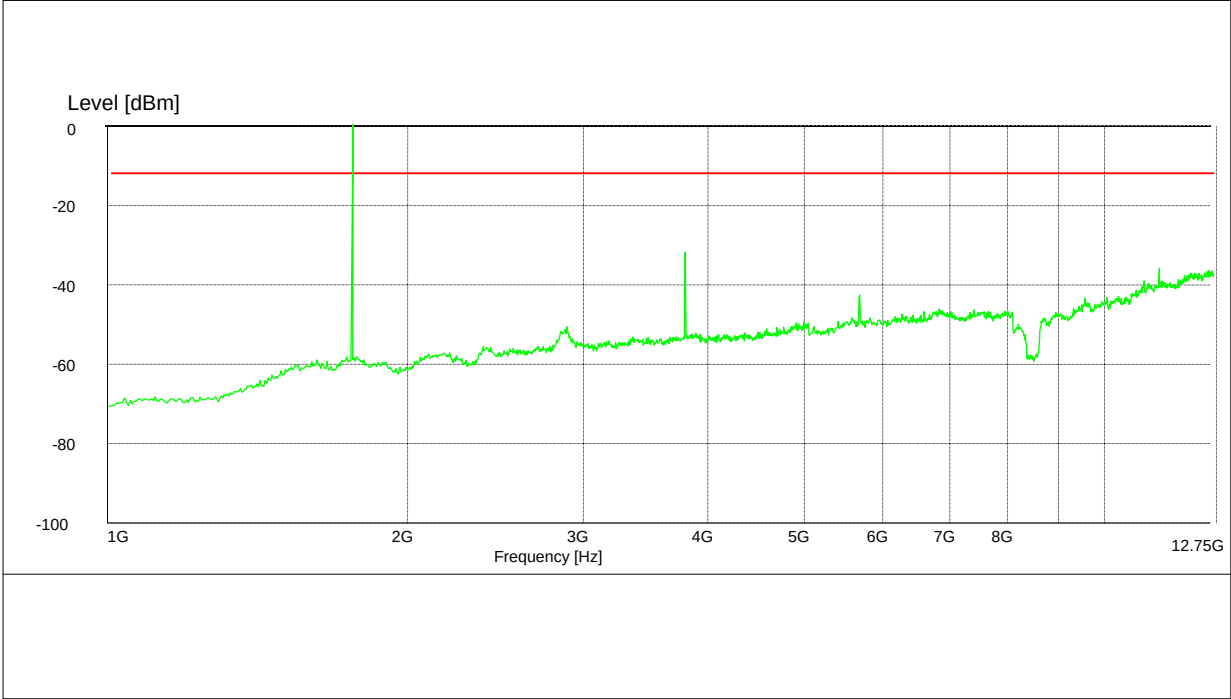


Traffic Mode (30MHz-1GHz)



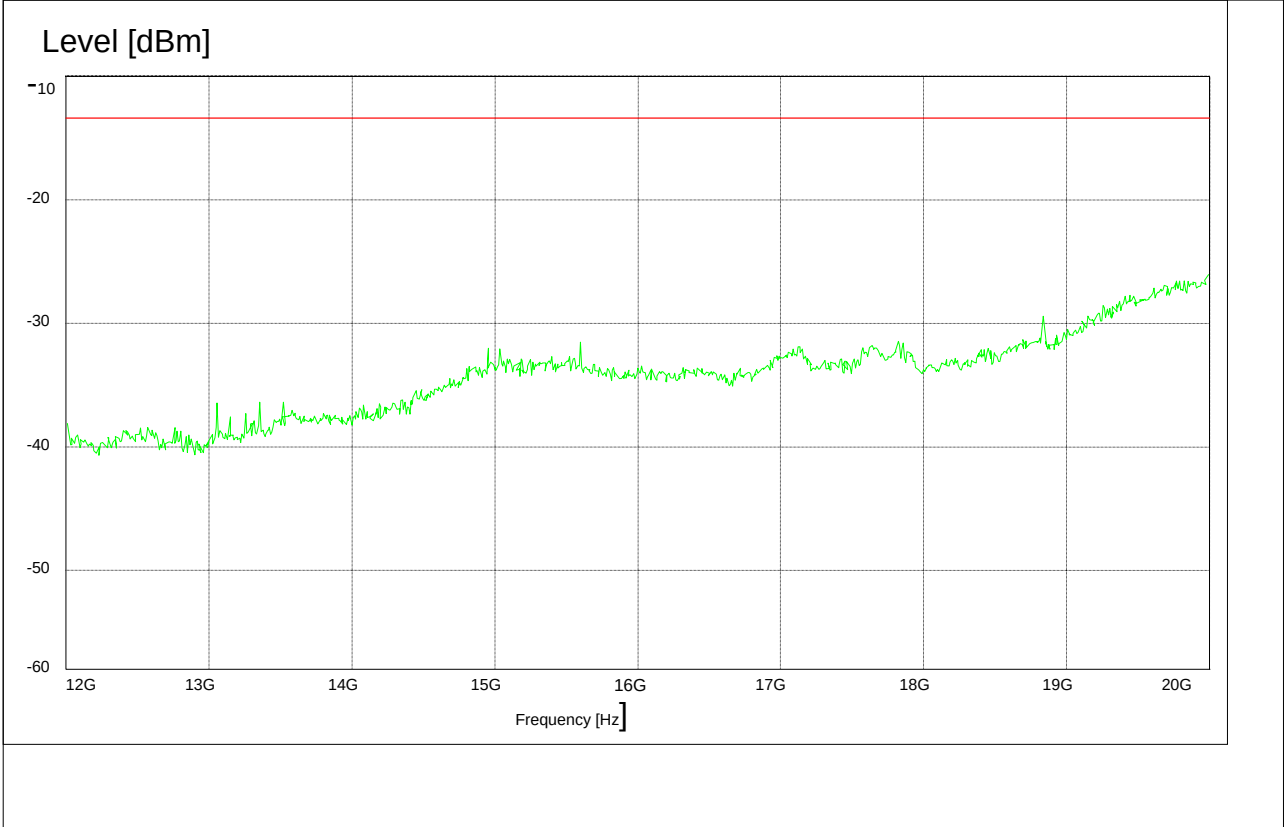
Note: The frequency which exceeded the limit was the carrier frequency.

Traffic Mode (1GHz-12.75GHz)

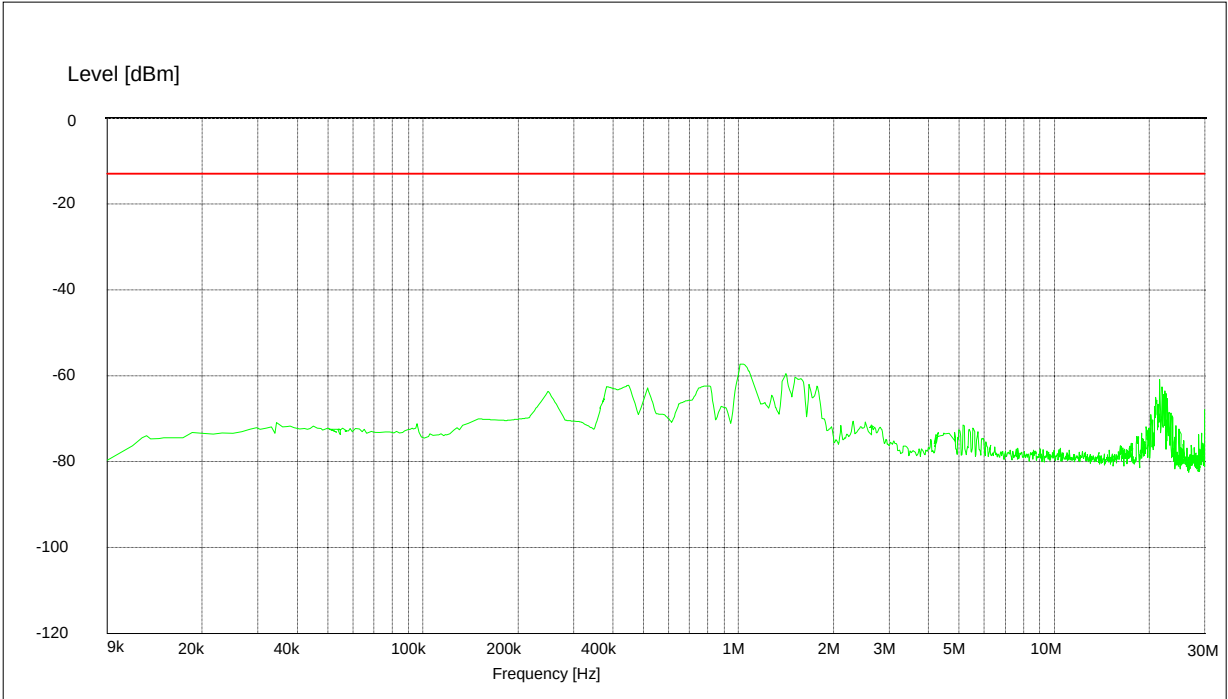


Note: The frequency which exceeded the limit was the carrier frequency.

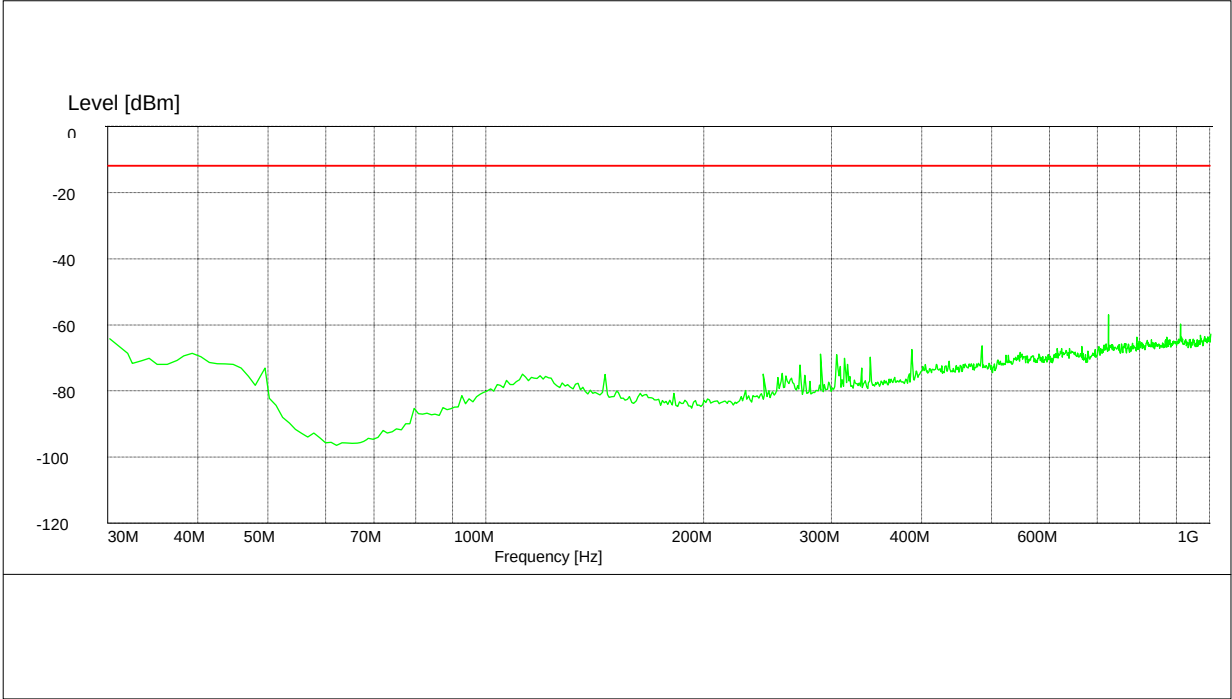
Traffic Mode (12.75GHz-20GHz)



IDLE Mode (9 kHz-30MHz)

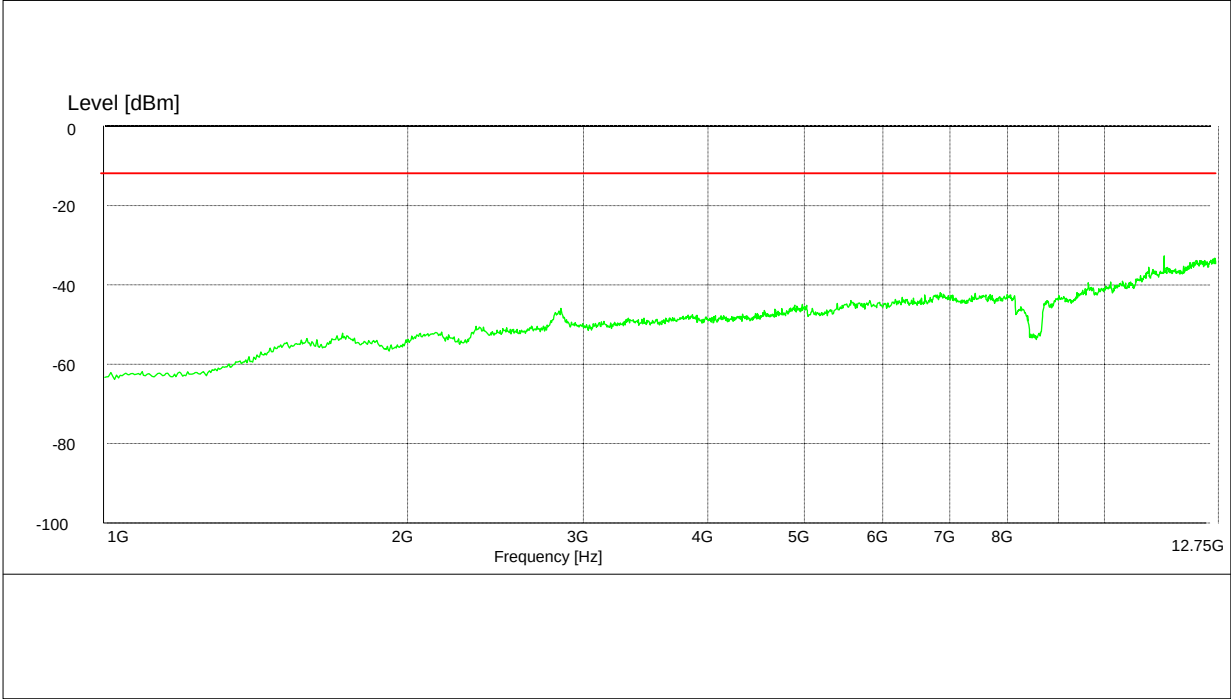


IDLE Mode (30MHz-1GHz)



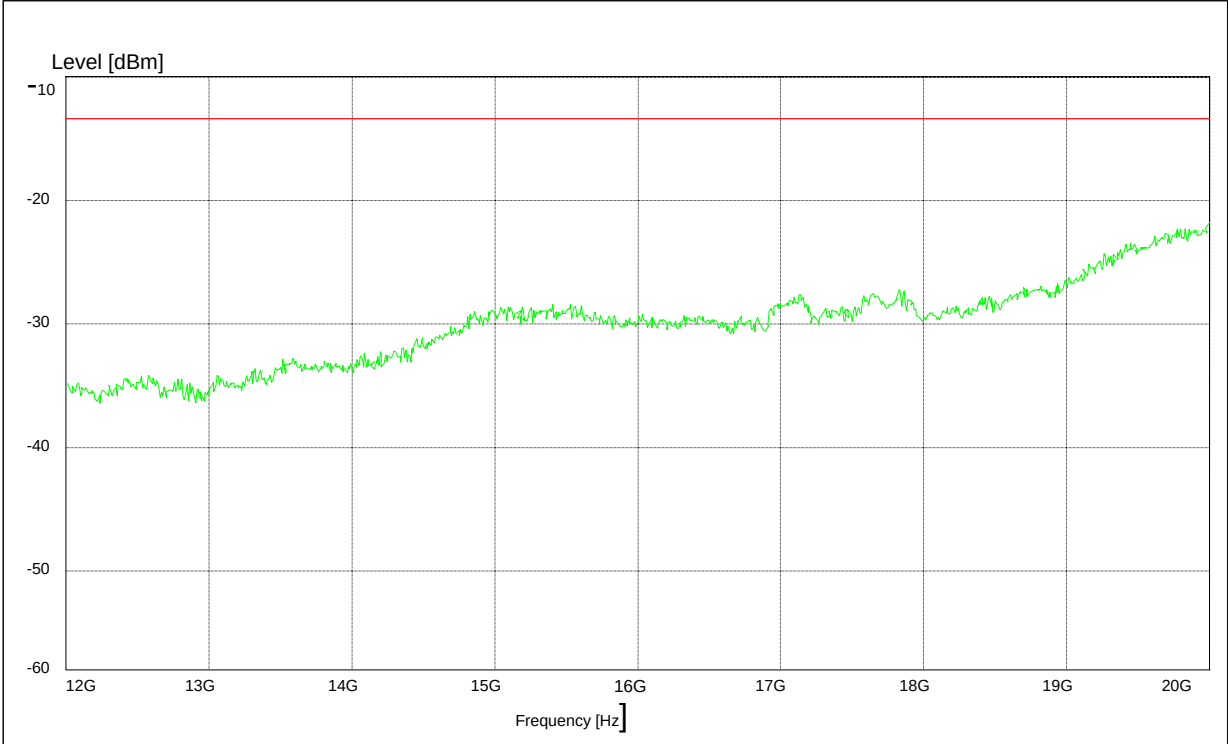


IDLE Mode (1GHz-12.75GHz)



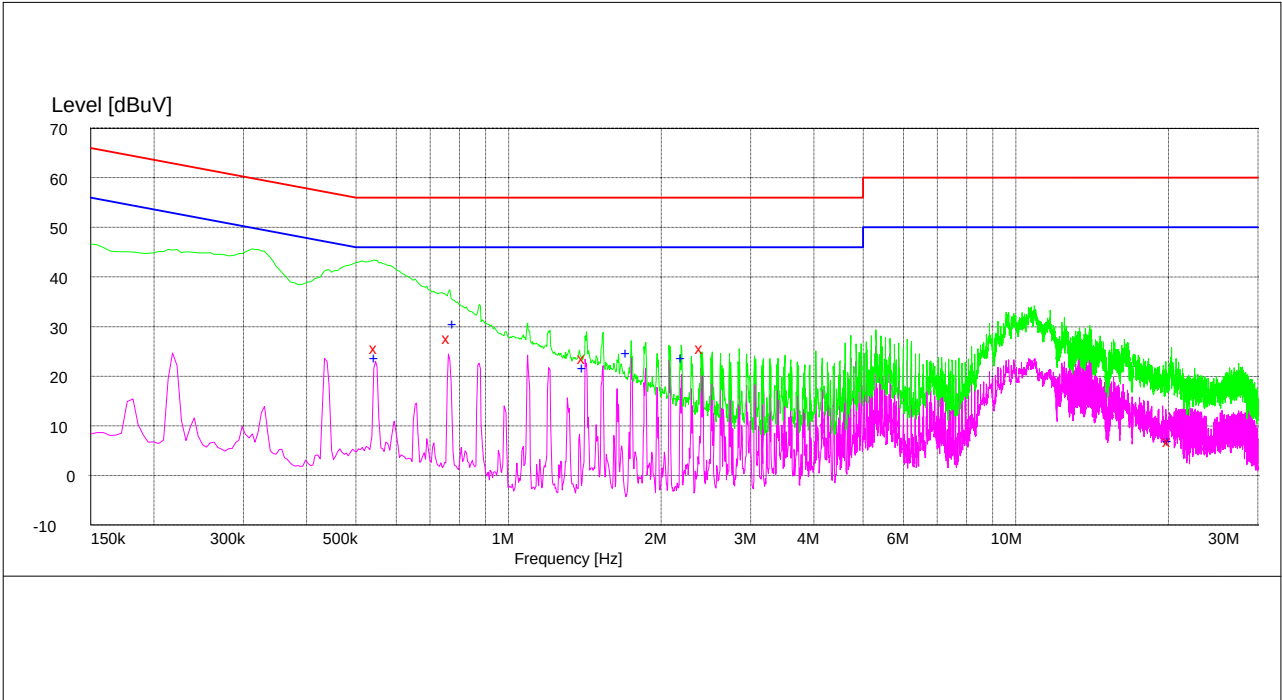


IDLE Mode (12GHz-20GHz)



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
0.550500	25.80	0.6	56	30.2	L2	FLO
0.766500	27.80	0.6	56	28.2	L2	FLO
1.414577	23.80	0.6	56	32.2	L2	FLO
1.536415	25.80	0.6	56	30.2	L2	FLO
2.413500	25.80	0.6	56	30.2	L2	FLO
20.157000	7.10	2.7	60	52.9	L2	FLO

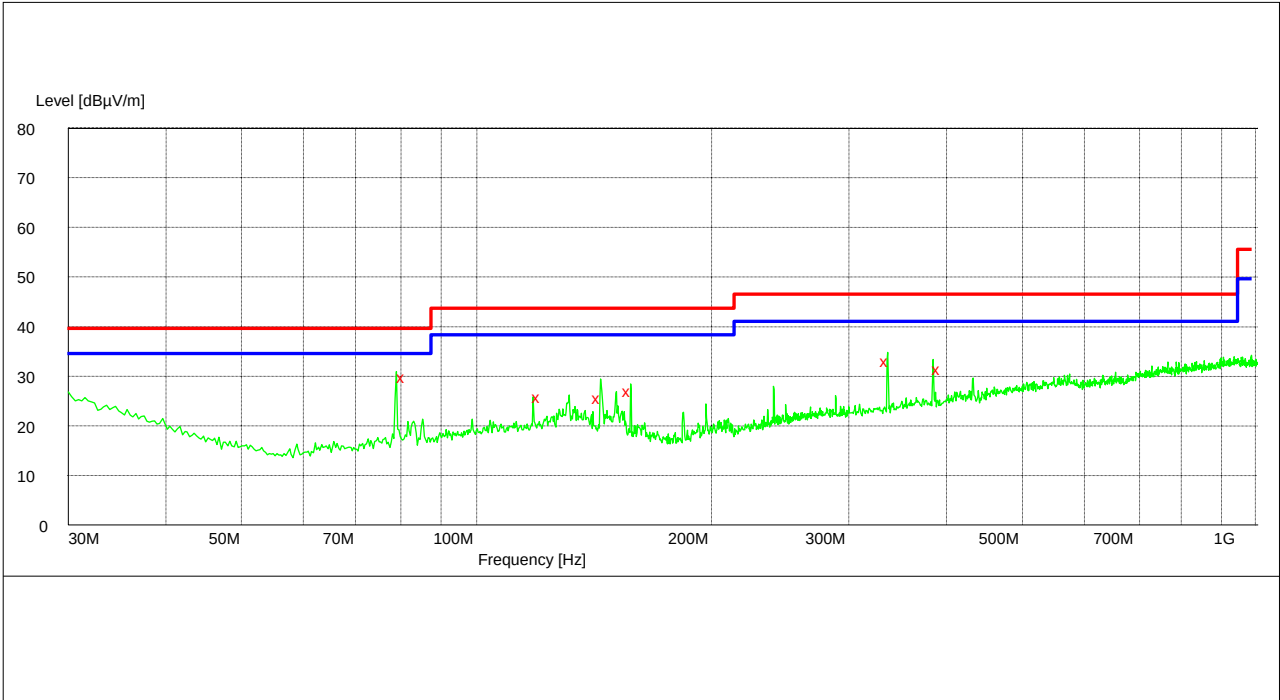
MEASUREMENT RESULT: "AV DECTER"

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.550500	23.80	0.6	56	32.2	L2	FLO
0.786500	30.80	0.6	56	25.2	L2	FLO
1.414577	21.80	0.6	56	34.2	L2	FLO
1.726415	24.80	0.6	56	31.2	L2	FLO
2.213500	23.80	0.6	56	32.2	L2	FLO
20.147000	7.10	2.7	60	52.9	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
78.660000	30.30	-13.8	40.0	9.7	270.0	265.00	VERTICAL
119.160000	25.90	-9.8	43.5	17.6	200.0	0.00	VERTICAL
144.000000	25.70	-10.8	43.5	17.8	290.0	0.00	VERTICAL
157.260000	27.20	-11.7	43.5	16.3	200.0	0.00	VERTICAL
336.000000	33.10	-6.2	46.0	12.9	100.0	282.00	VERTICAL
384.000000	31.60	-5.1	46.0	14.4	100.0	271.00	VERTICAL

Appendix I

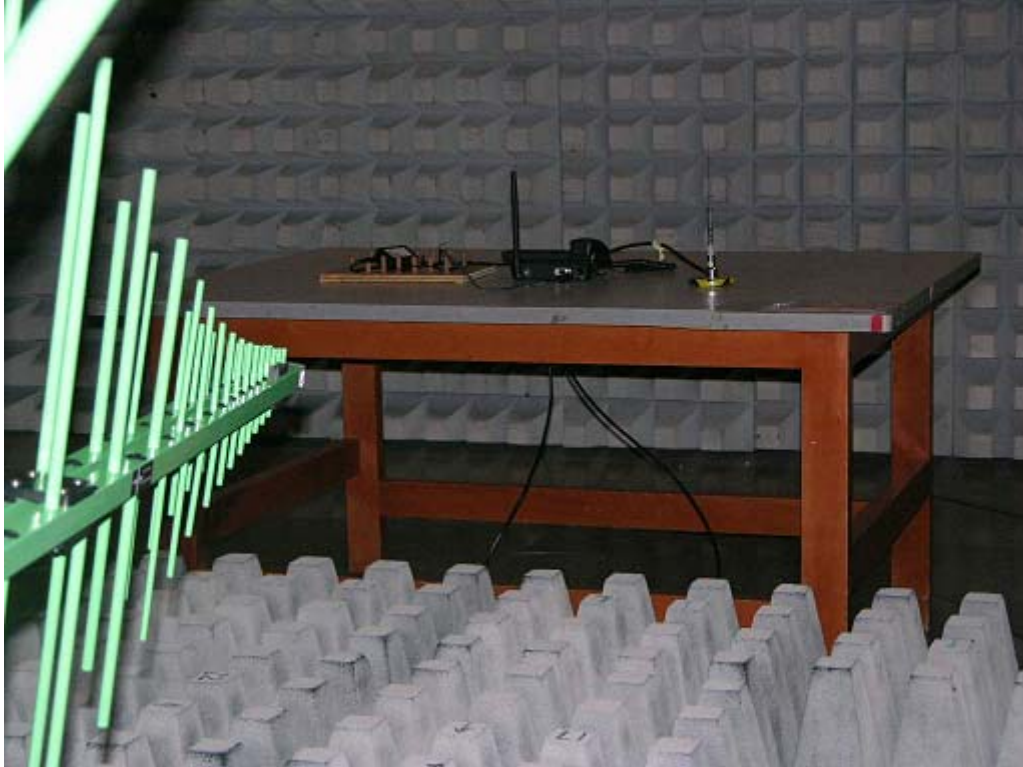
Photos of Test Setup

2 Radiated Emissions



Radiated Disturbance

3 Radiated Spurious Emissions

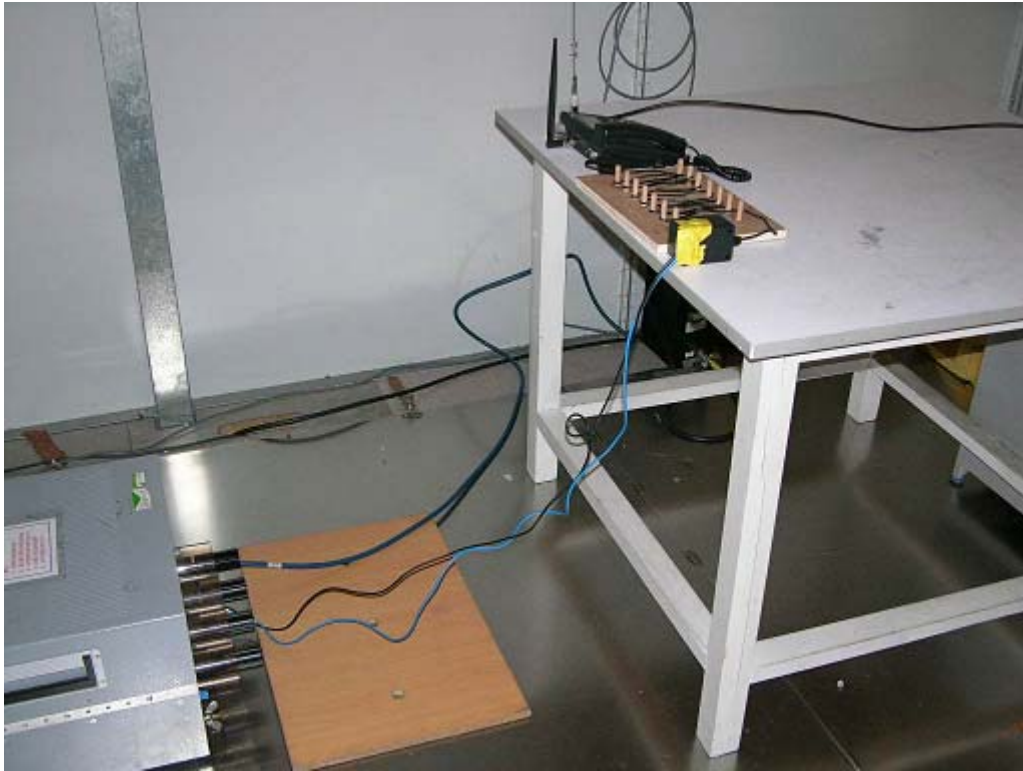


Radiated Spurious Emission (below 1GHz)



Radiated Spurious Emission (above 1GHz)

4 Conducted Emissions



Conducted Emissions for AC Ports