

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 23.63 dBm Minimum Power -59.19 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	25
								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 Power23.81dBm Minimum Power-59.04dBm/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		
										(Fud3, Rvs3)		
										S055 (Loopback)		
										FCH Service Option Setup ▾		
				Active Cell Connected				Sys Type: IS-2000				
								Logging: No Conn.				
1 of 2					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	dBm/1.23 MHz
Maximum Power Setup ▾							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				
					Logging: No Conn.				
			IntRef	Offset					1 of 4

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			
Minimum Power Setup ▾								US PCS			
								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	dBm/1.23 MHz
Maximum Power Setup ▾							Cell Band	US PCS	
Minimum Power Setup ▾							Channel	1175	
							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			
						Logging: No Conn.			
				IntRef	Offset				1 of 4



TM3:

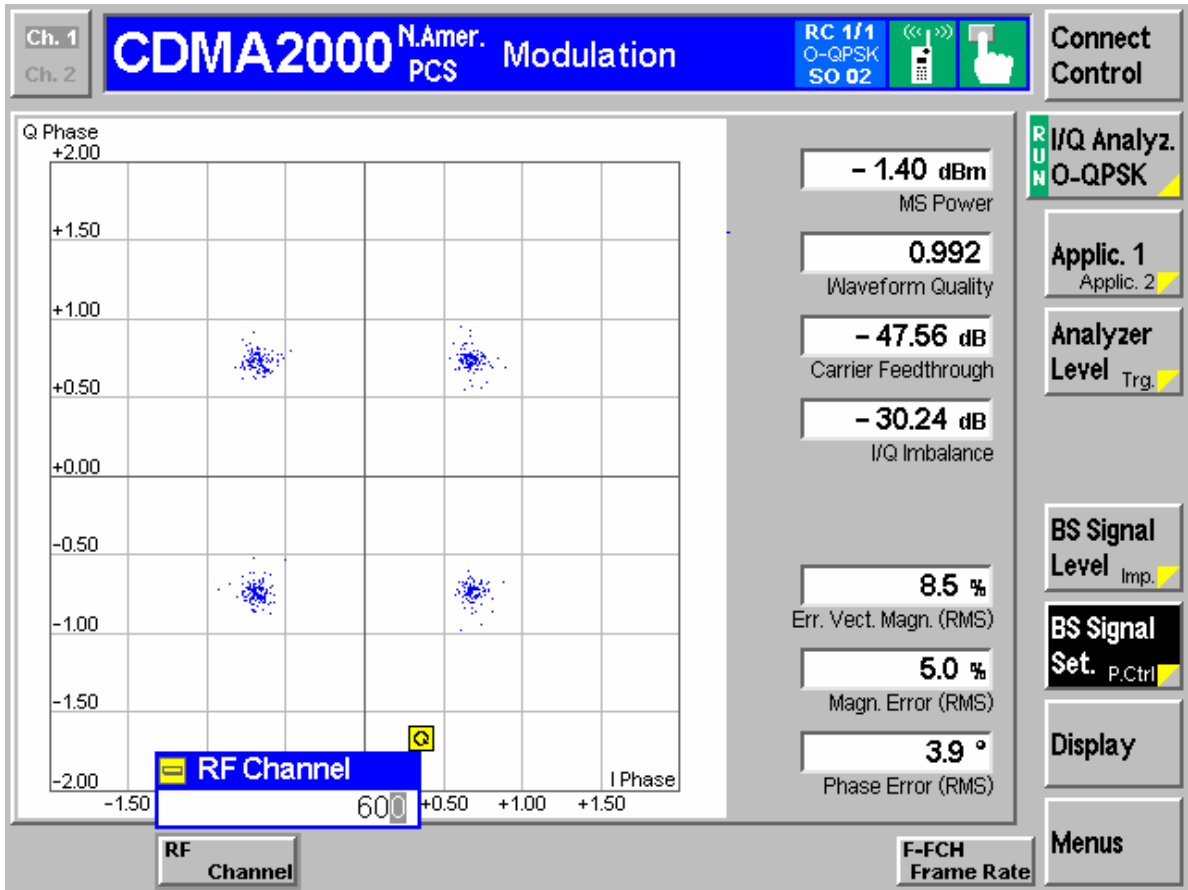
Measurement/Instrument Screen										
Control	Maximum/Minimum Power								Call Params	
Max/Min Power Setup ▾	Maximum Power 24.60 dBm Minimum Power -60.76 dBm/1.23 MHz Single								Cell 1 Power	-25.00 dBm/1.23 MHz
Maximum Power Setup ▾									Cell Band	US PCS
Minimum Power Setup ▾									Channel	1175
									Protocol Rev	6 (IS-2000-0)
	Radio Config	(Fud3, Rvs3) S055 (Loopback)								
	FCH Service Option Setup ▾									
	Active Cell Connected		Sys Type: IS-2000							
			Logging: No Conn.							
	1 of 2				IntRef	Offset				1 of 4

Appendix B

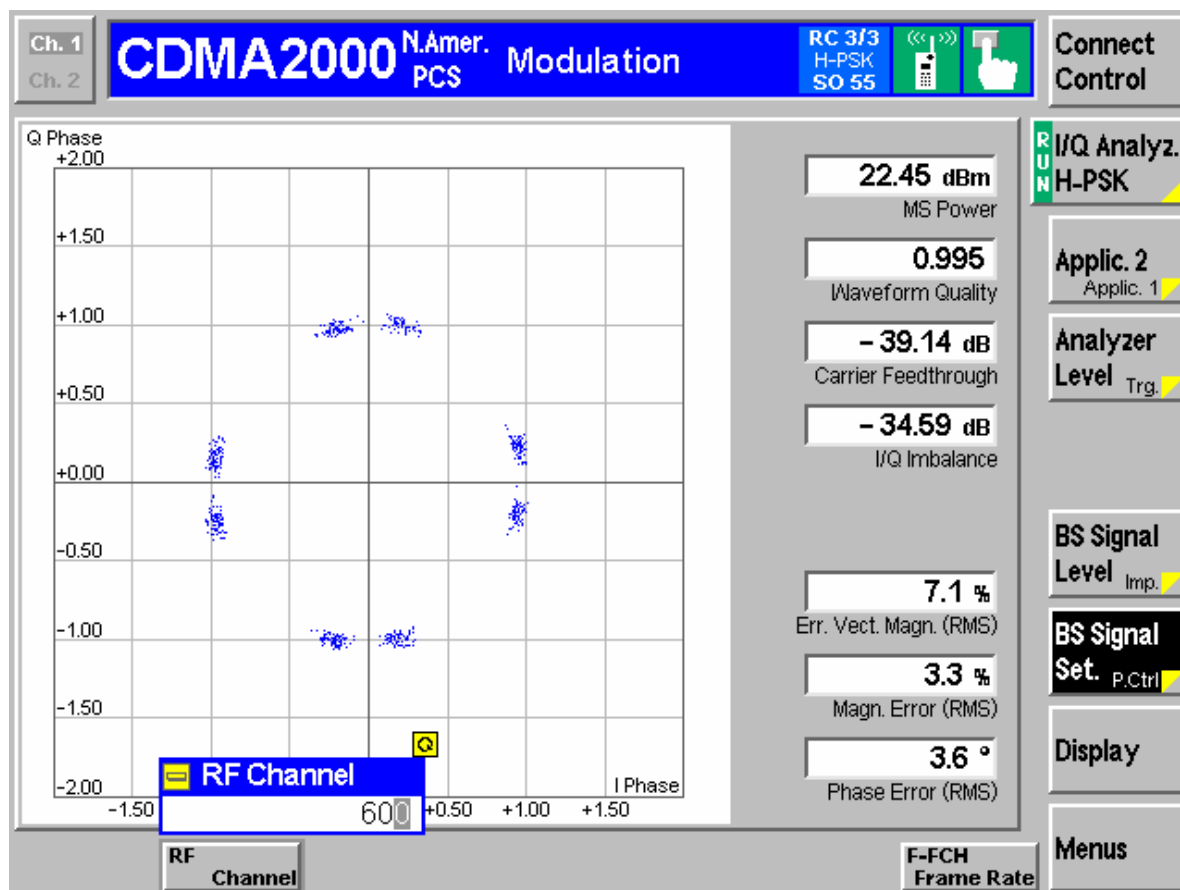
Modulation Characteristic

According to FCC Part 2.1047 & Part24 Subpart E

Channel 600 (TM1)



Channel 600 (TM3)

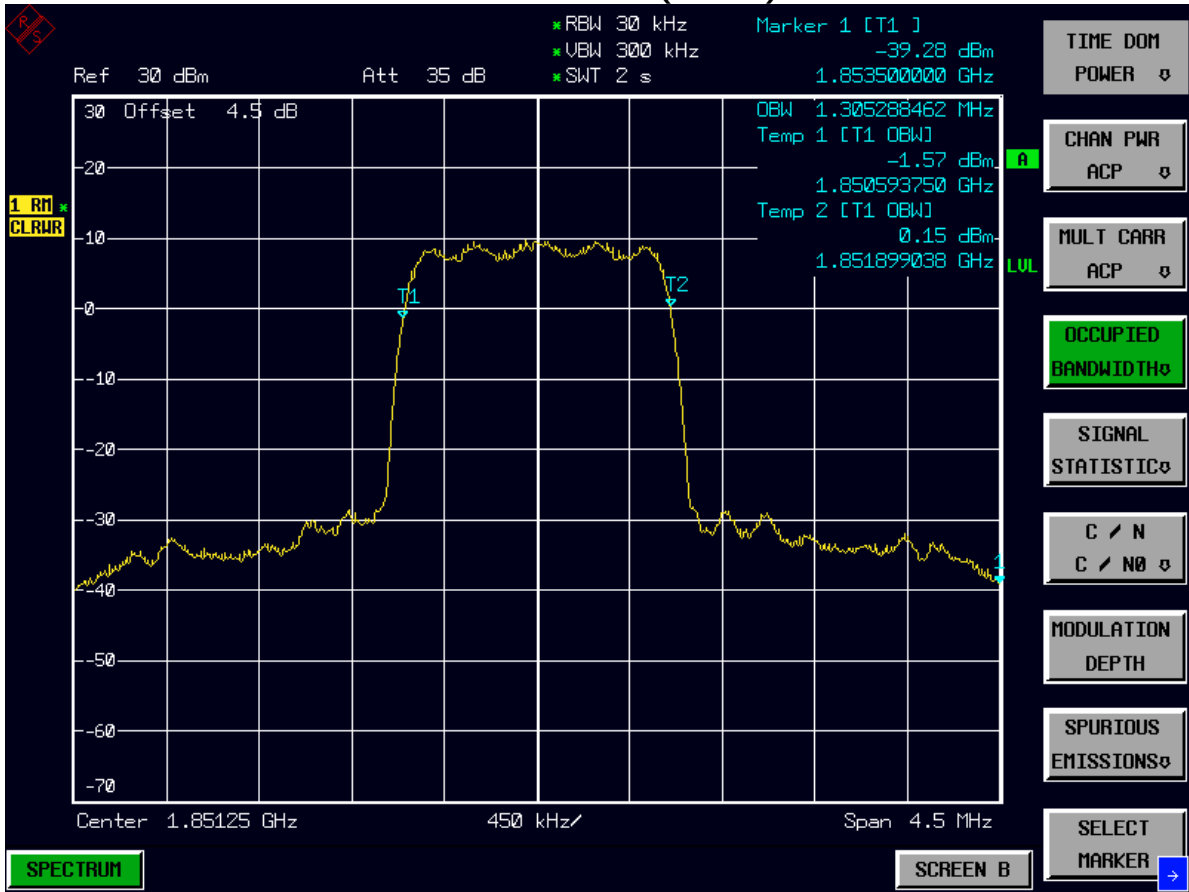


Appendix C

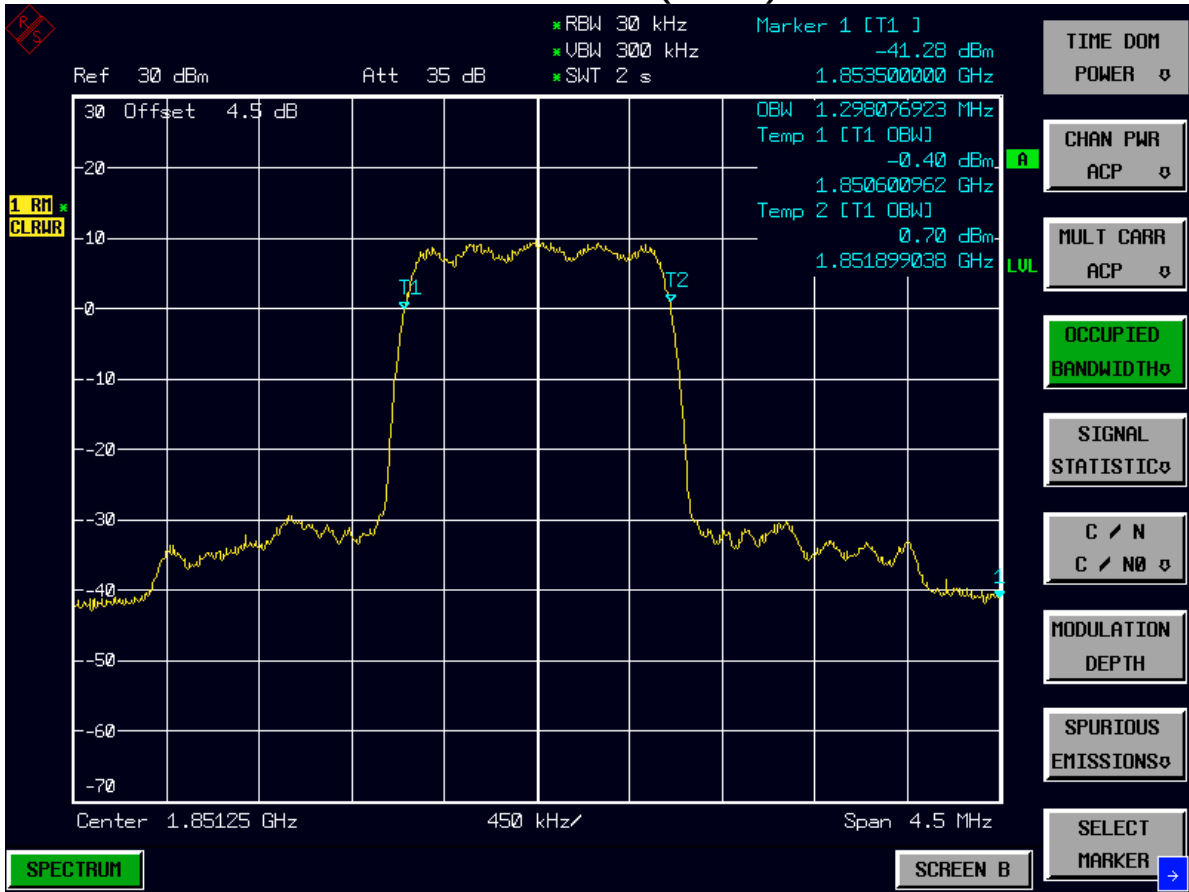
Occupied Bandwidth

According to FCC Part 2.1049& Part24 Subpart E

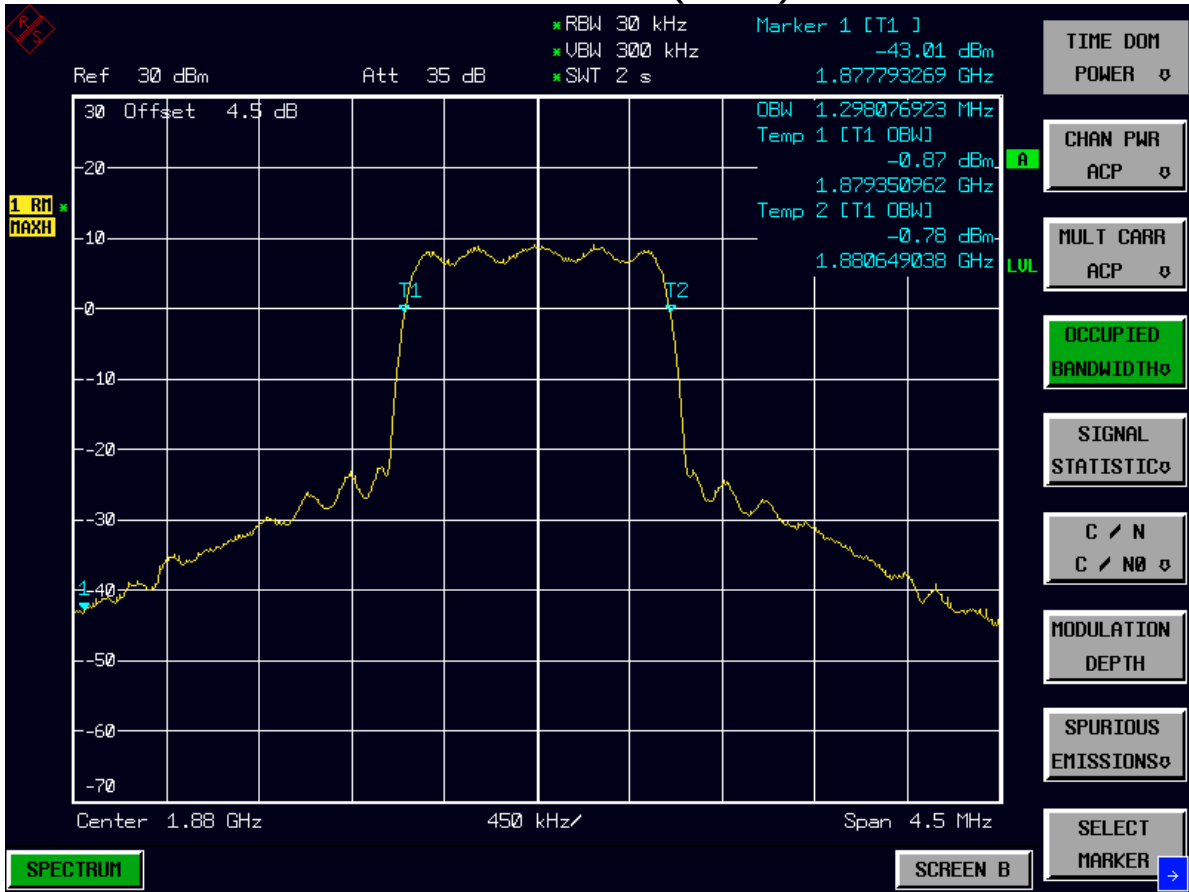
Channel 25(TM1)



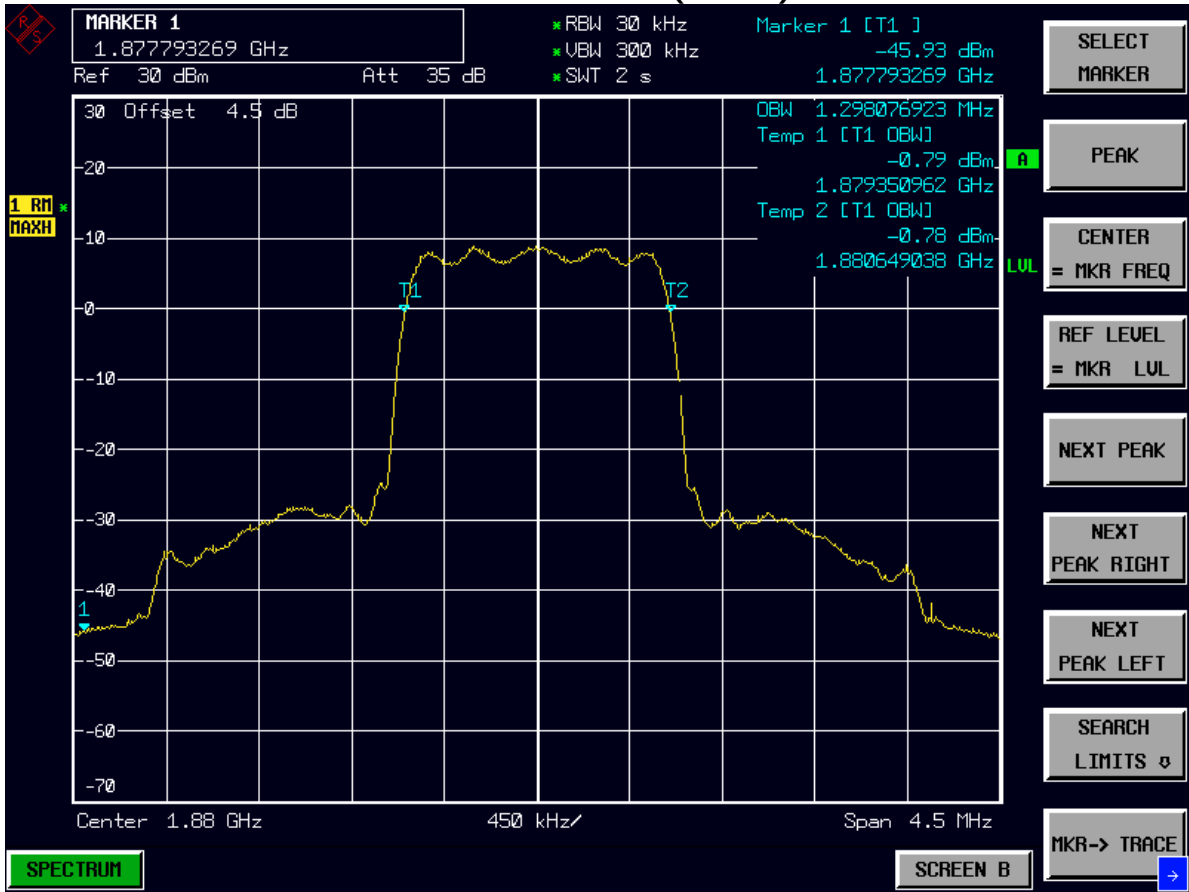
Channel 25(TM3)



Channel 600(TM1)

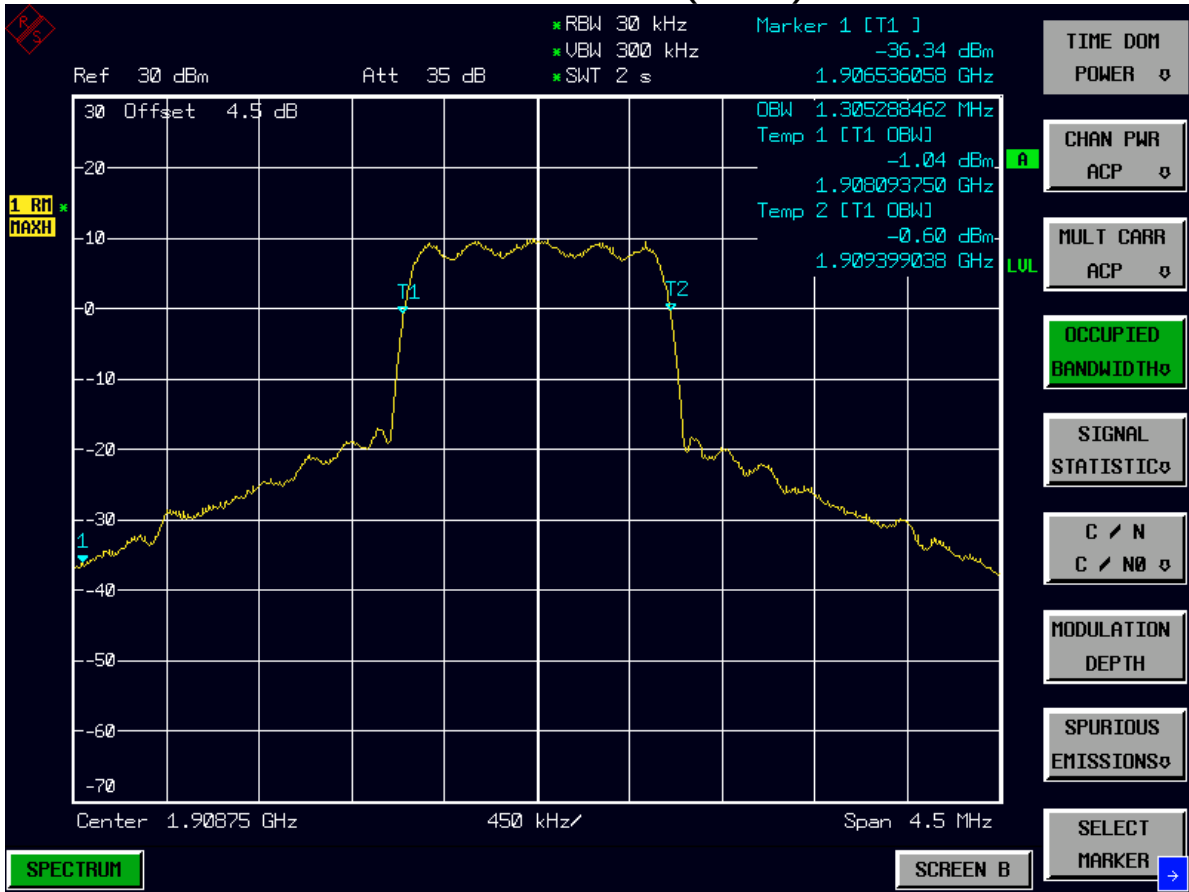


Channel 600(TM3)



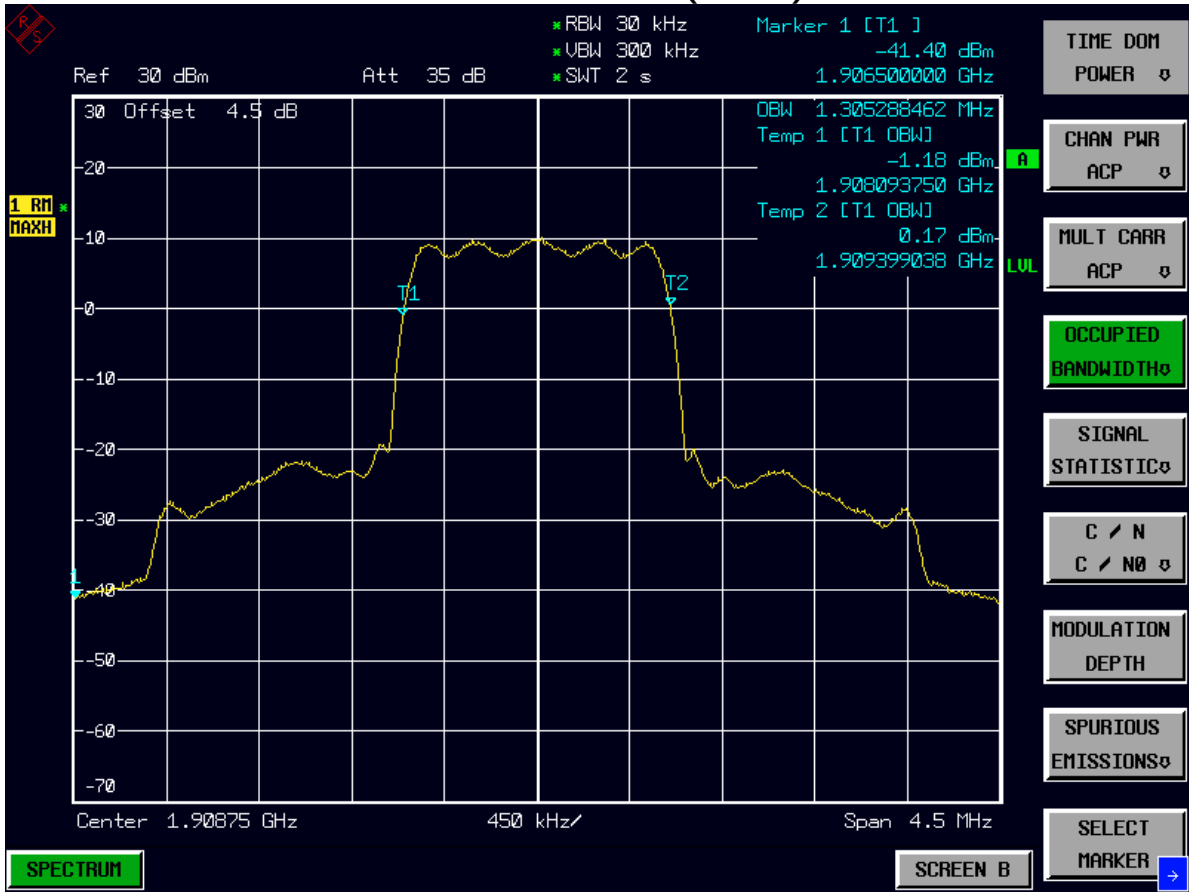


Channel 1175(TM1)





Channel 1175(TM3)

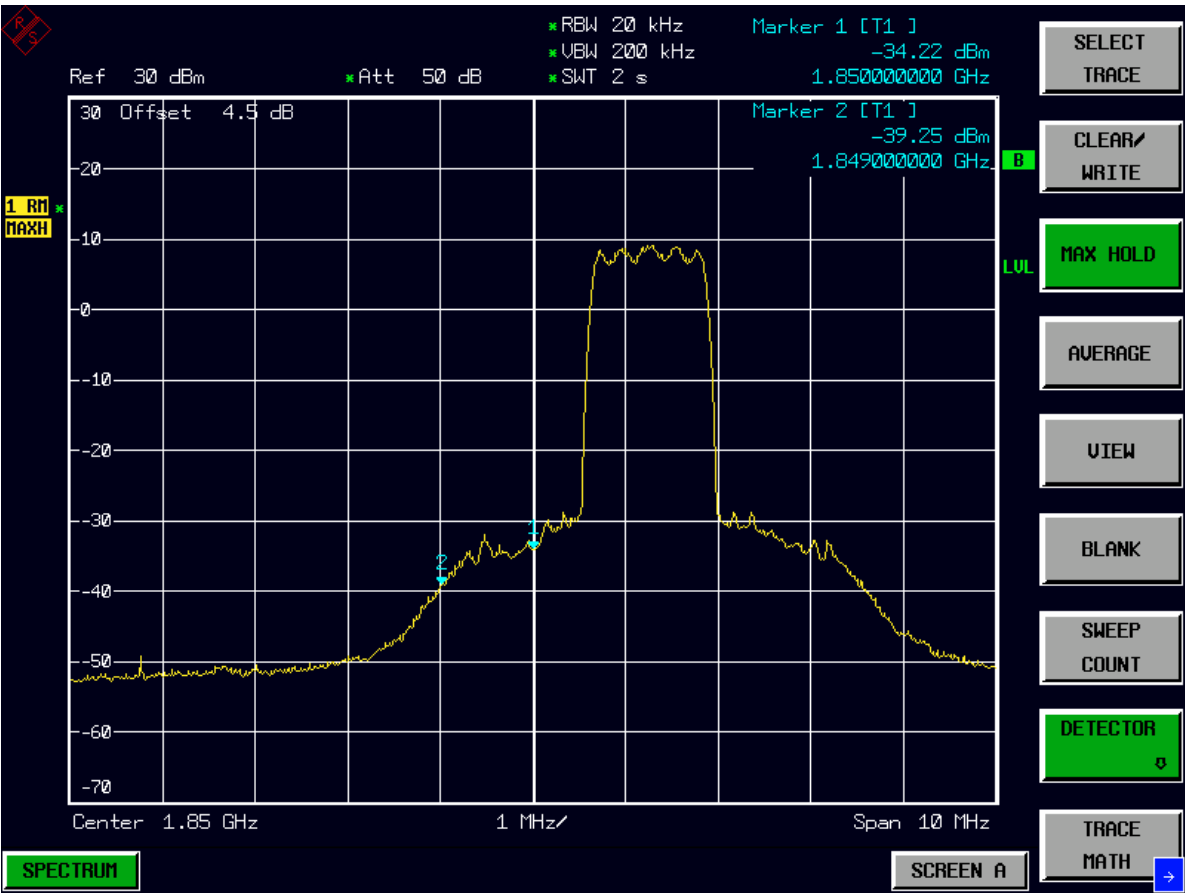


Appendix D

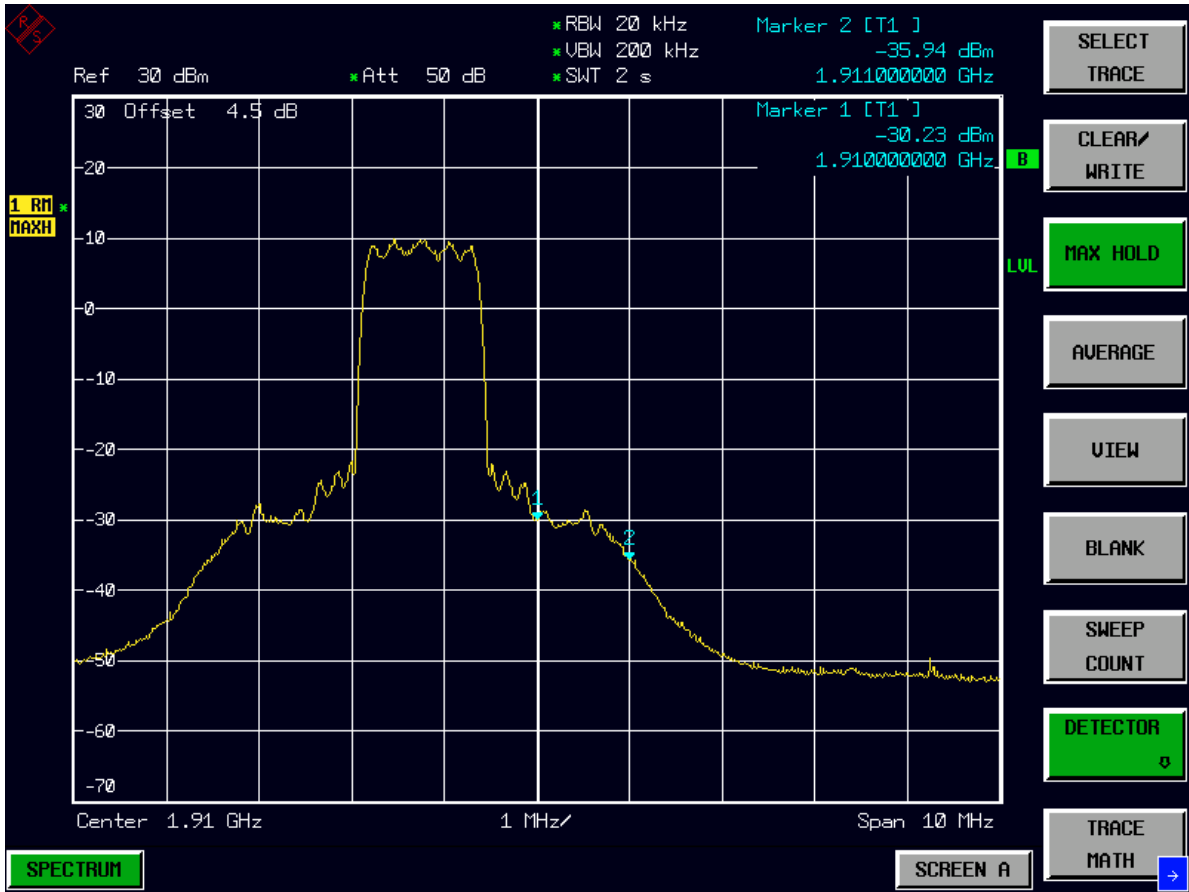
Band Edges Compliance According to FCC Part 2.1051 & 24.238

TM1

Left Edge (1850 MHz)
Channel 25

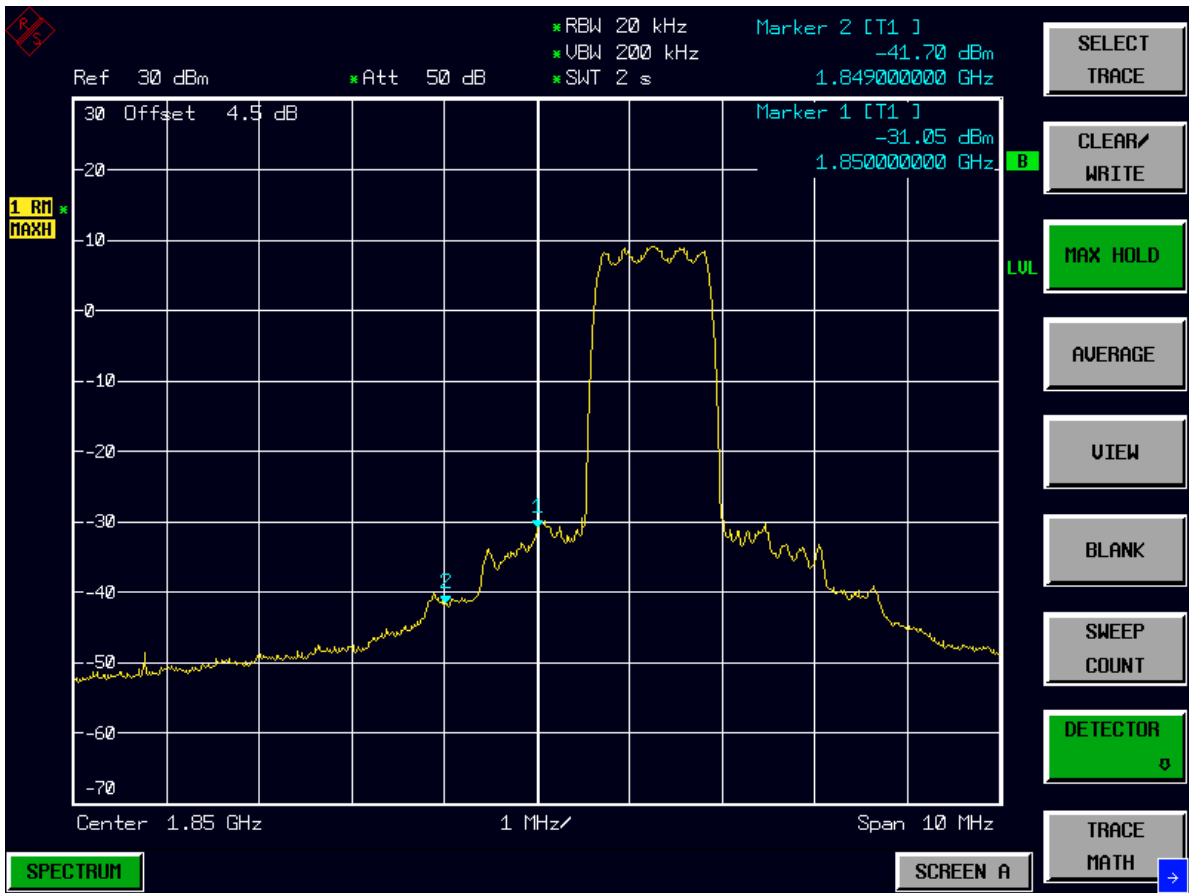


Right Edge (1910MHz)
Channel 1175

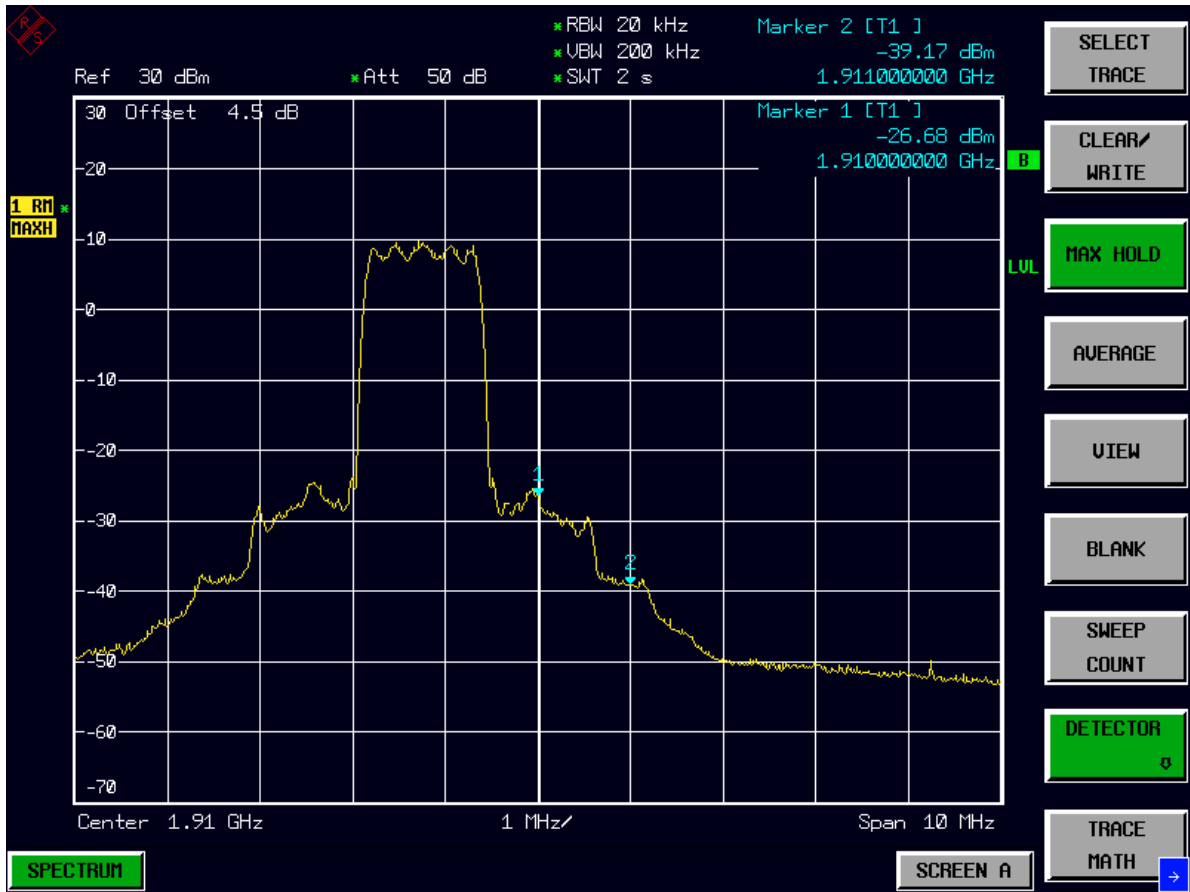


TM3

Left Edge (1850 MHz)
Channel 25



Right Edge (1910MHz)
Channel 1175



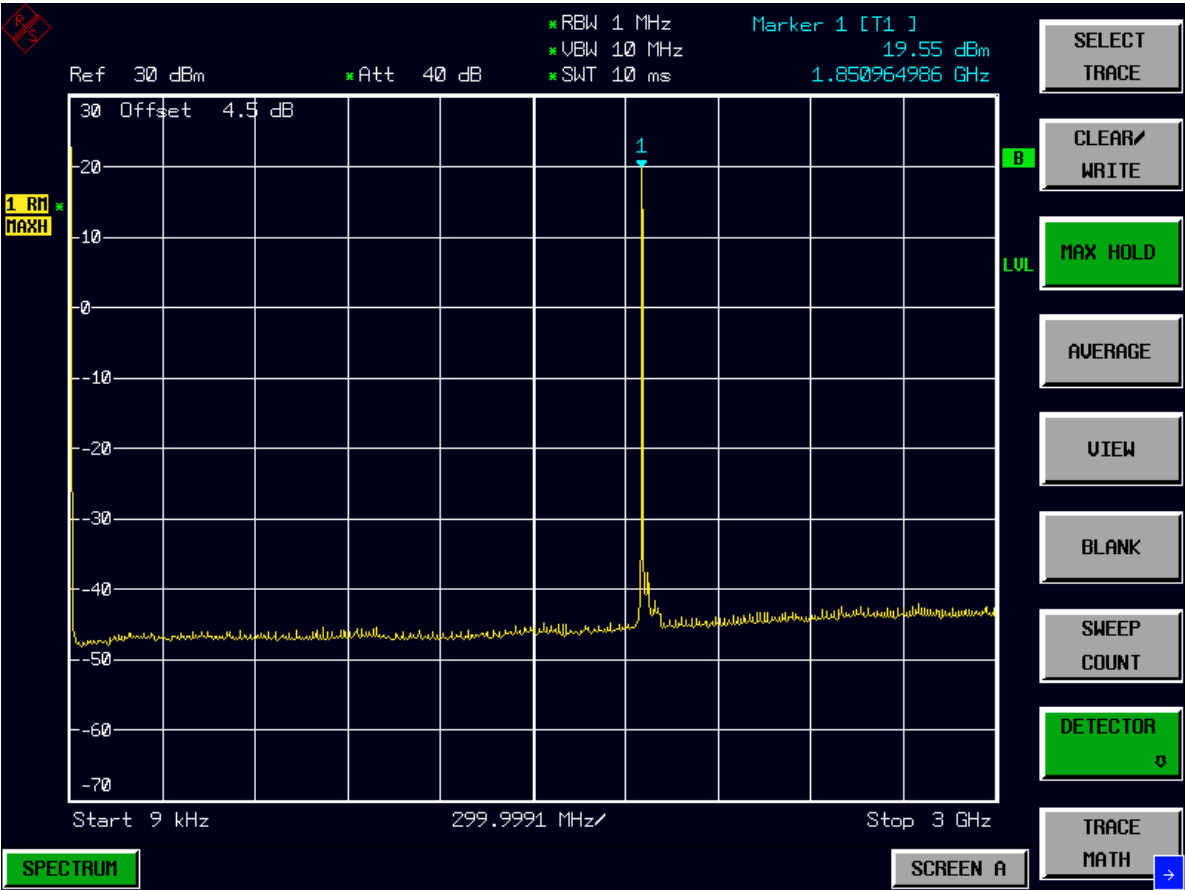
Appendix E

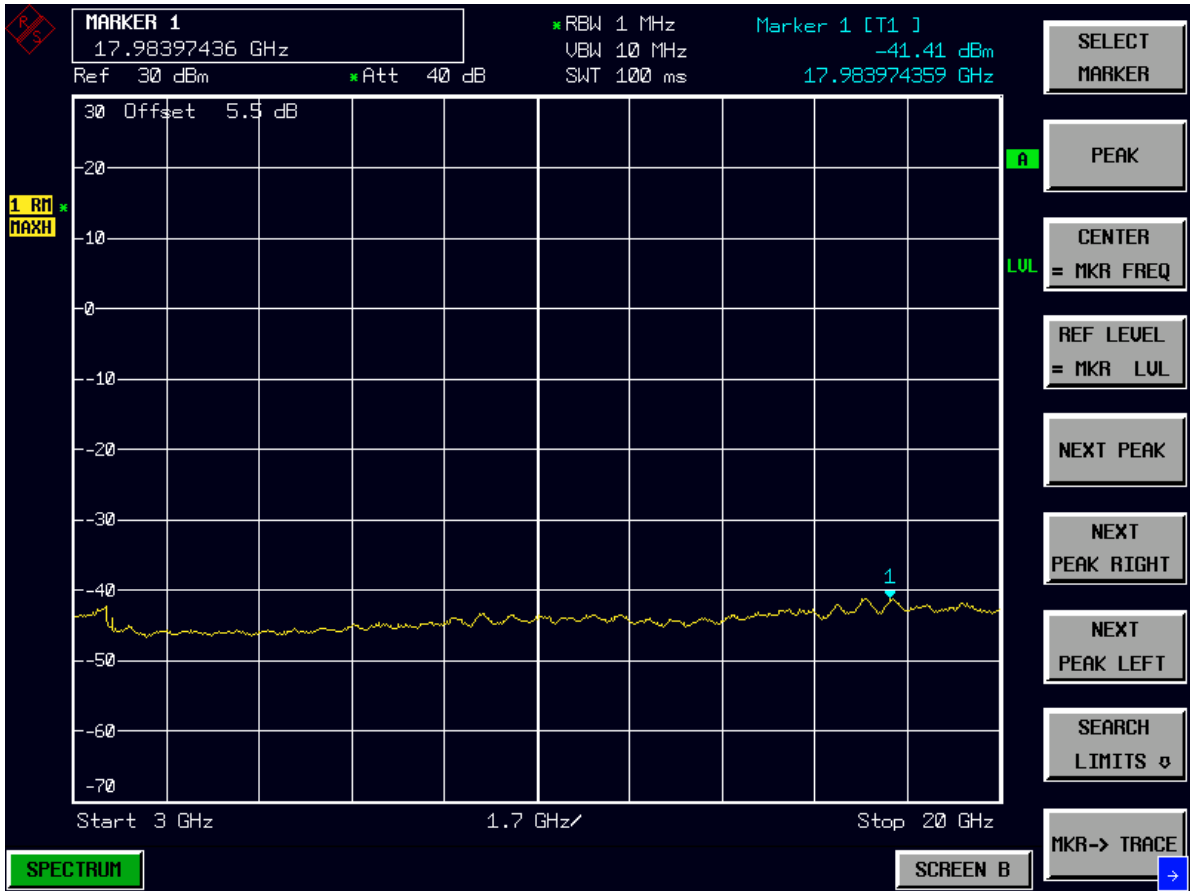
Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & 24.238

TM1

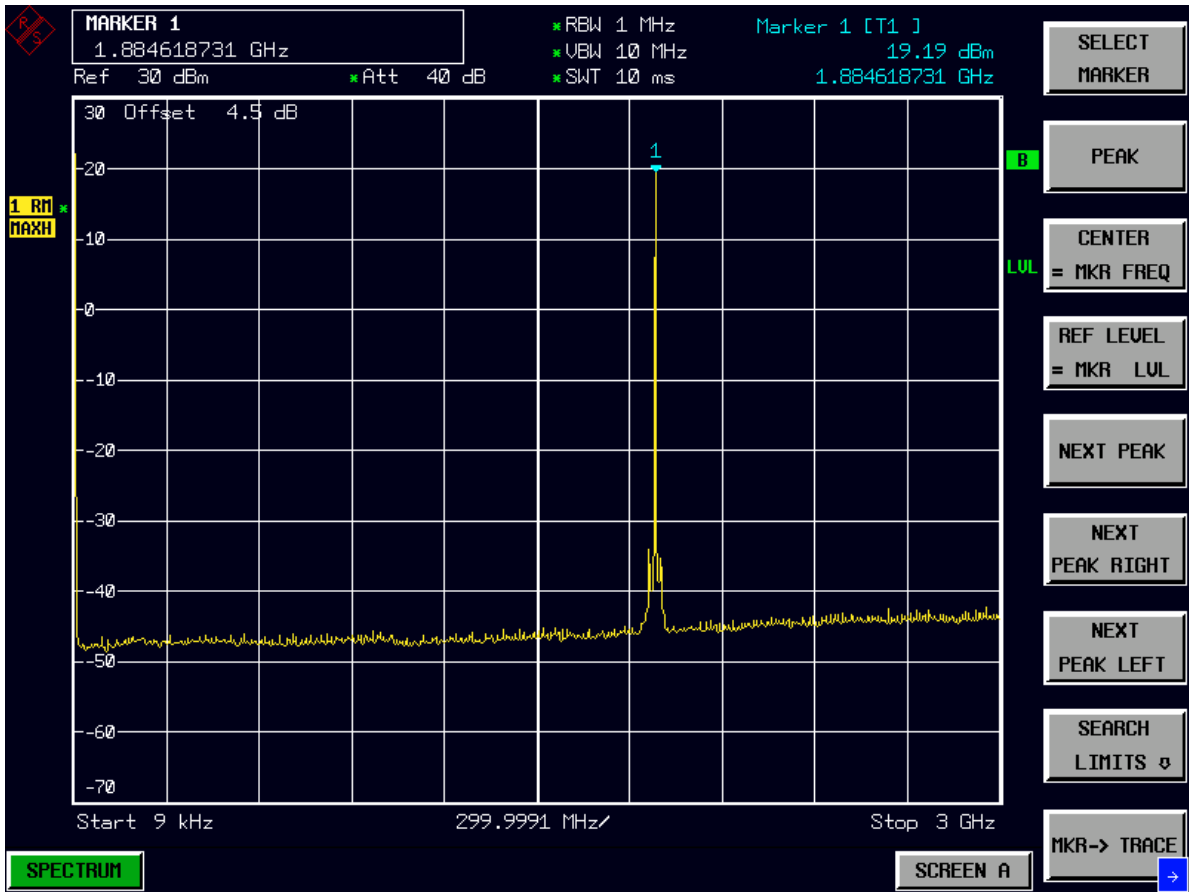
Channel 25

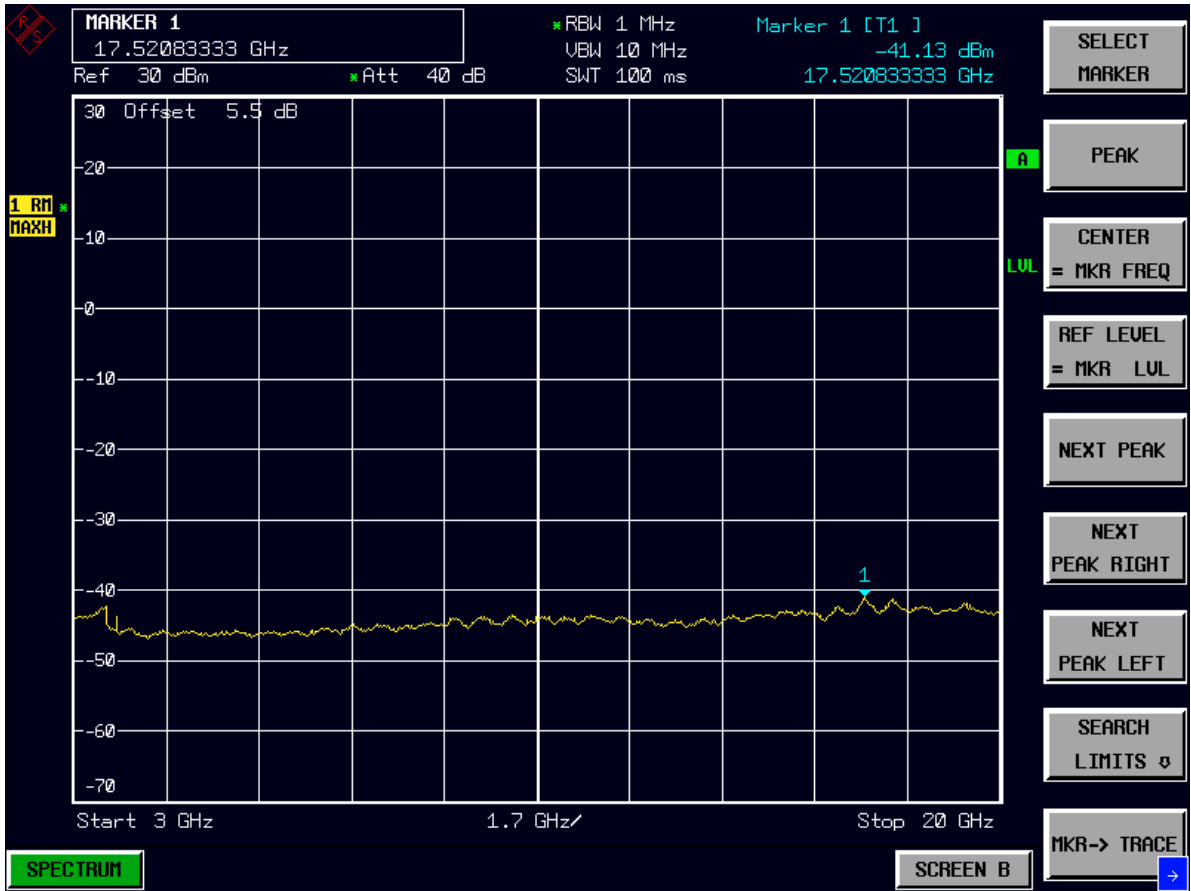




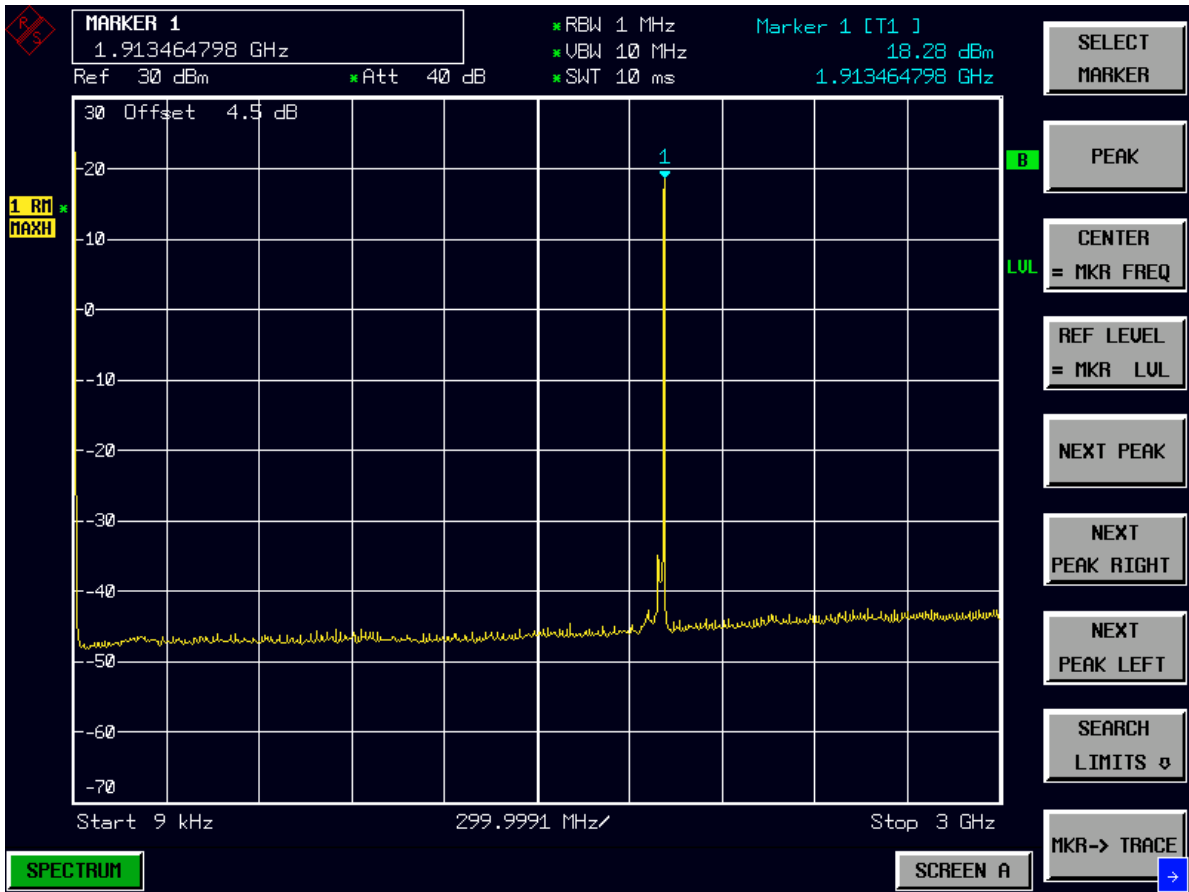


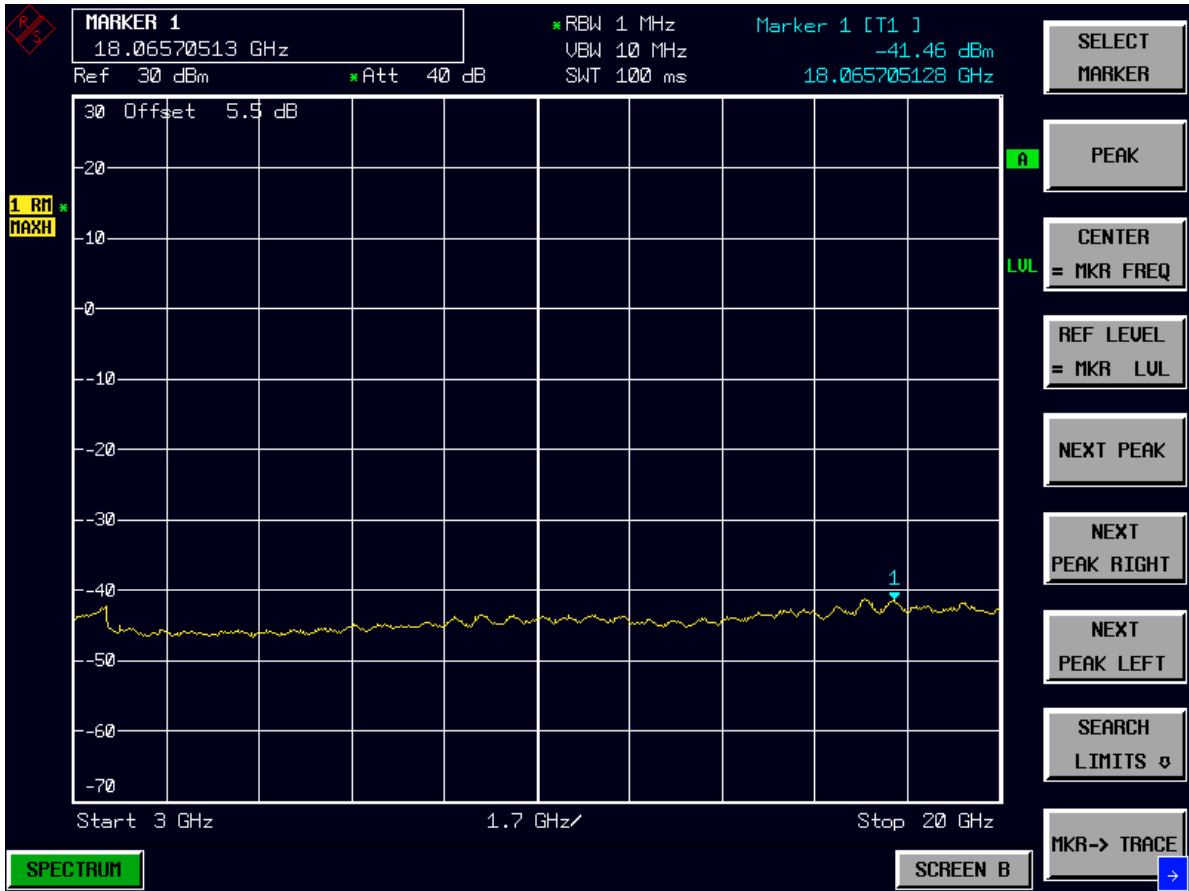
Channel 600





Channel 1175

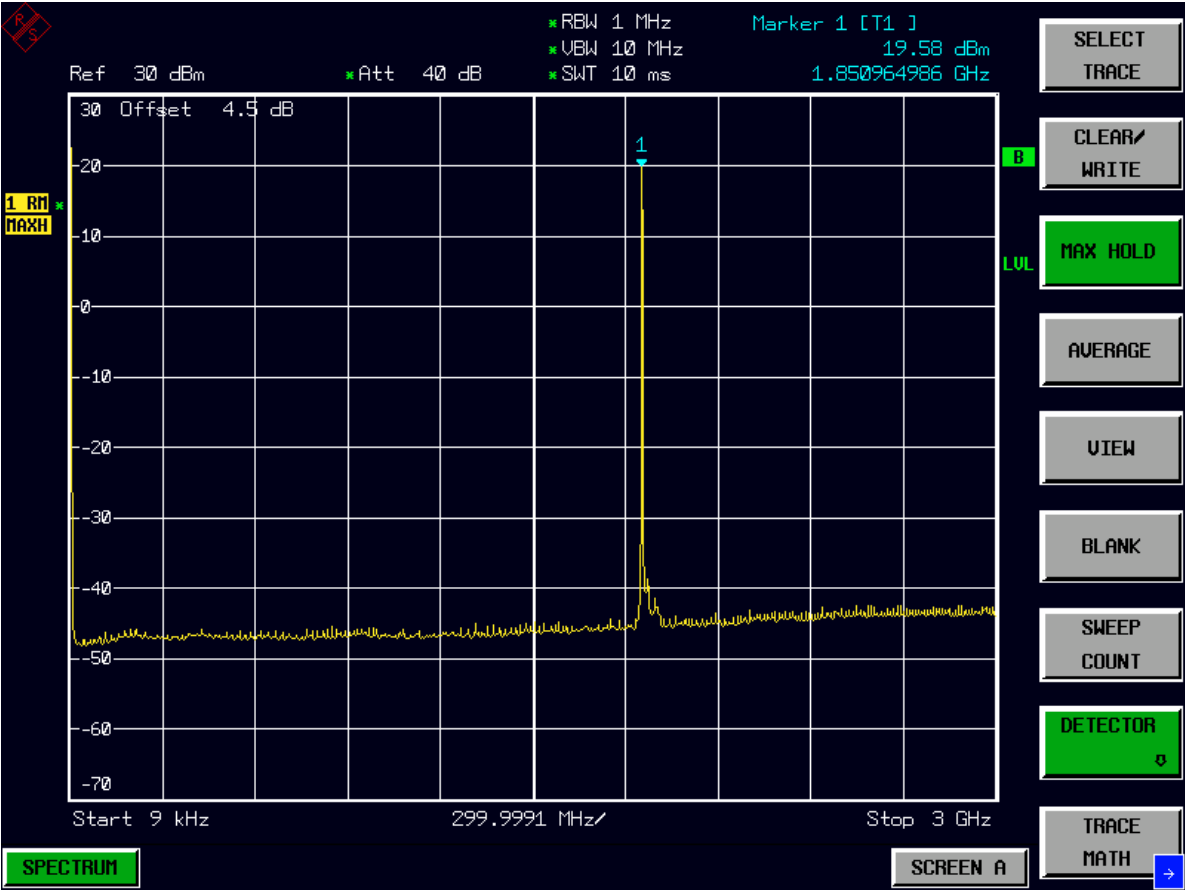


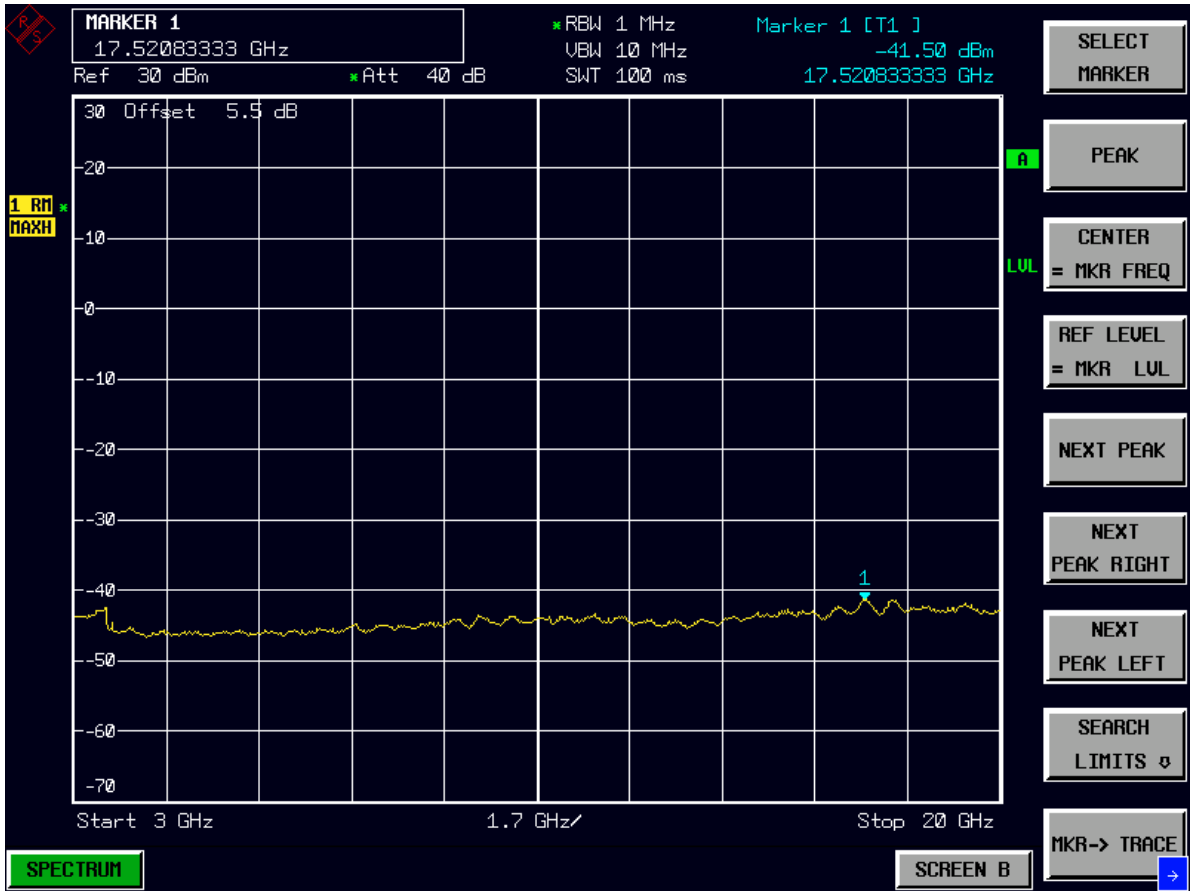




TM3

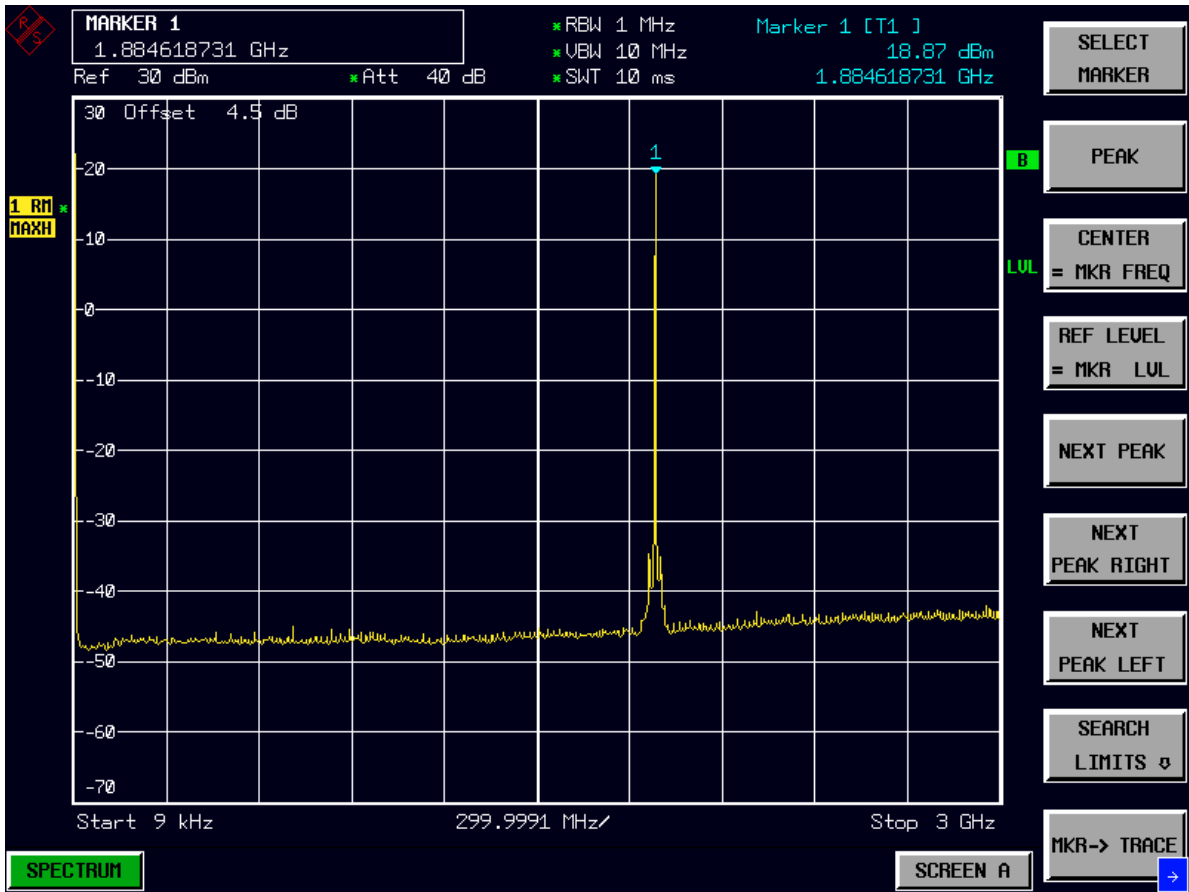
Channel 25

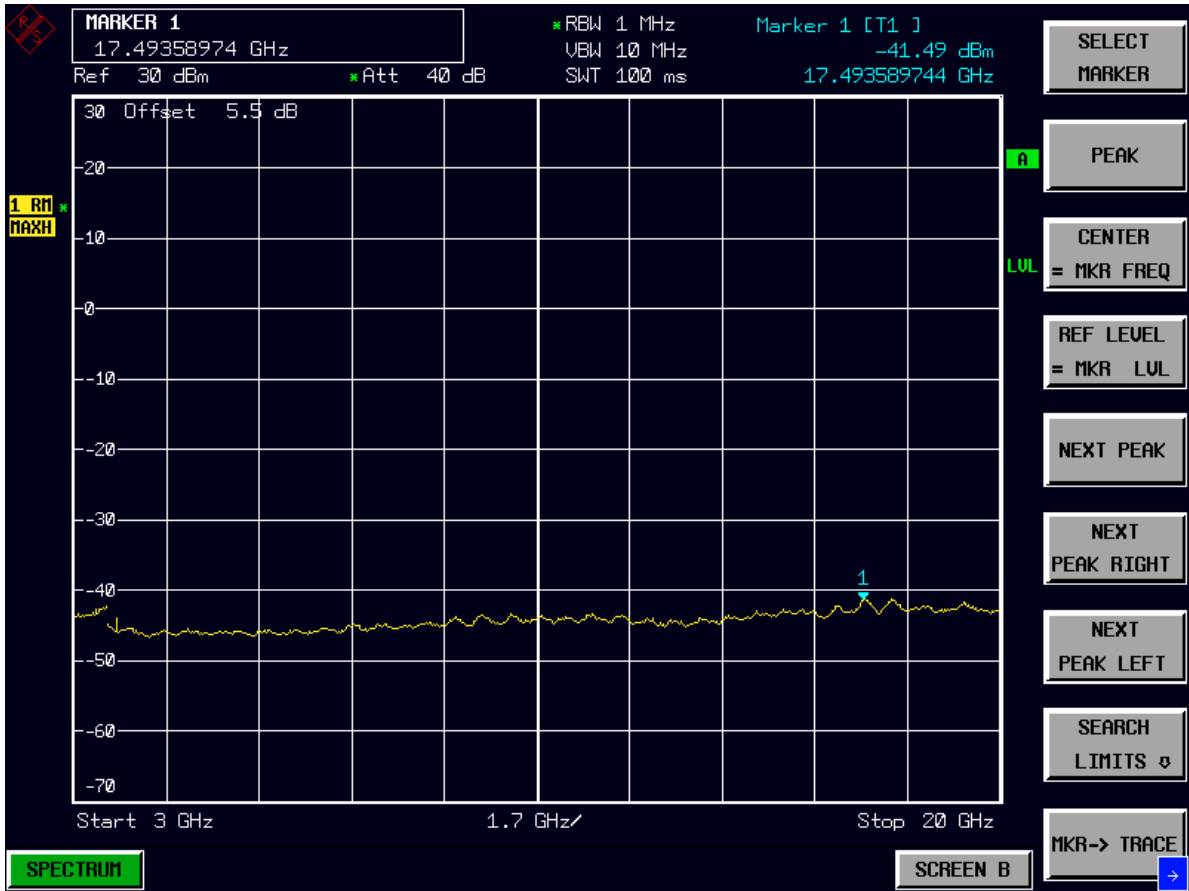






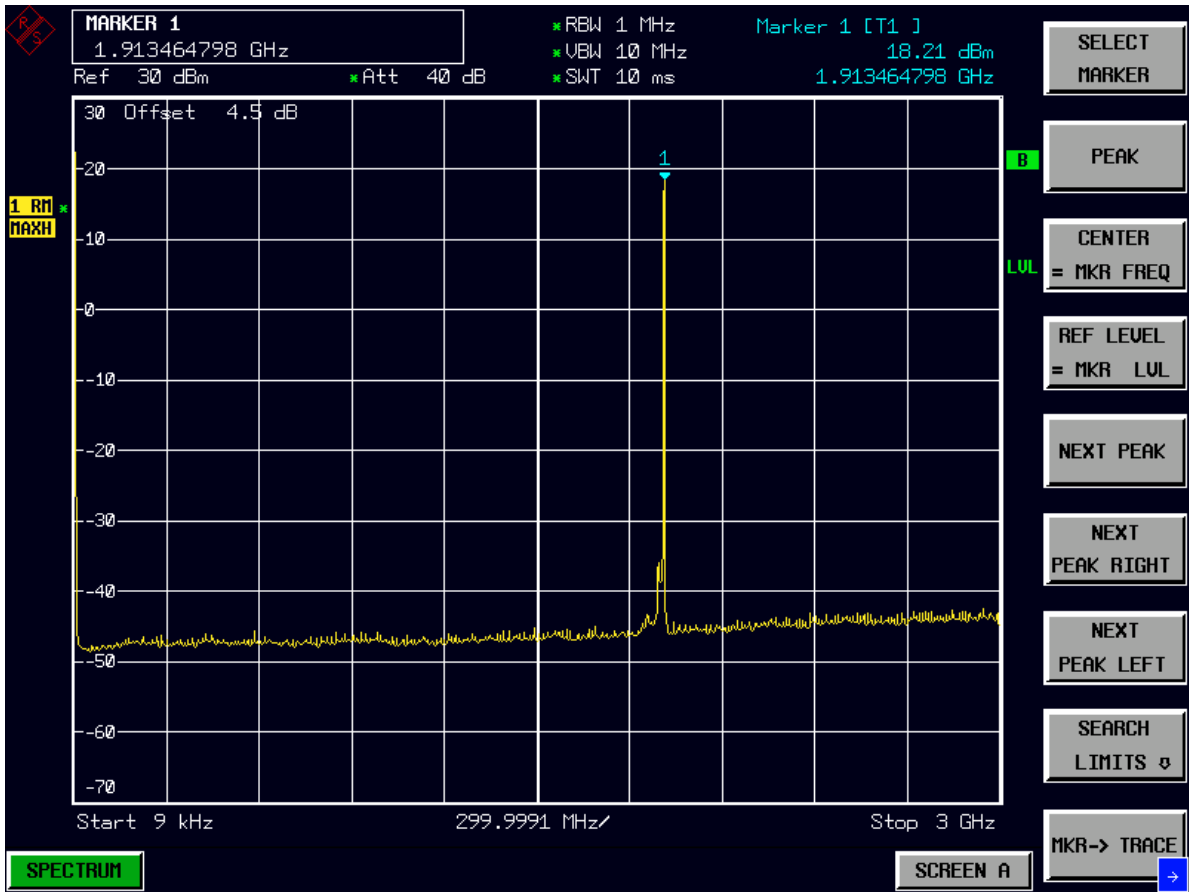
Channel 600

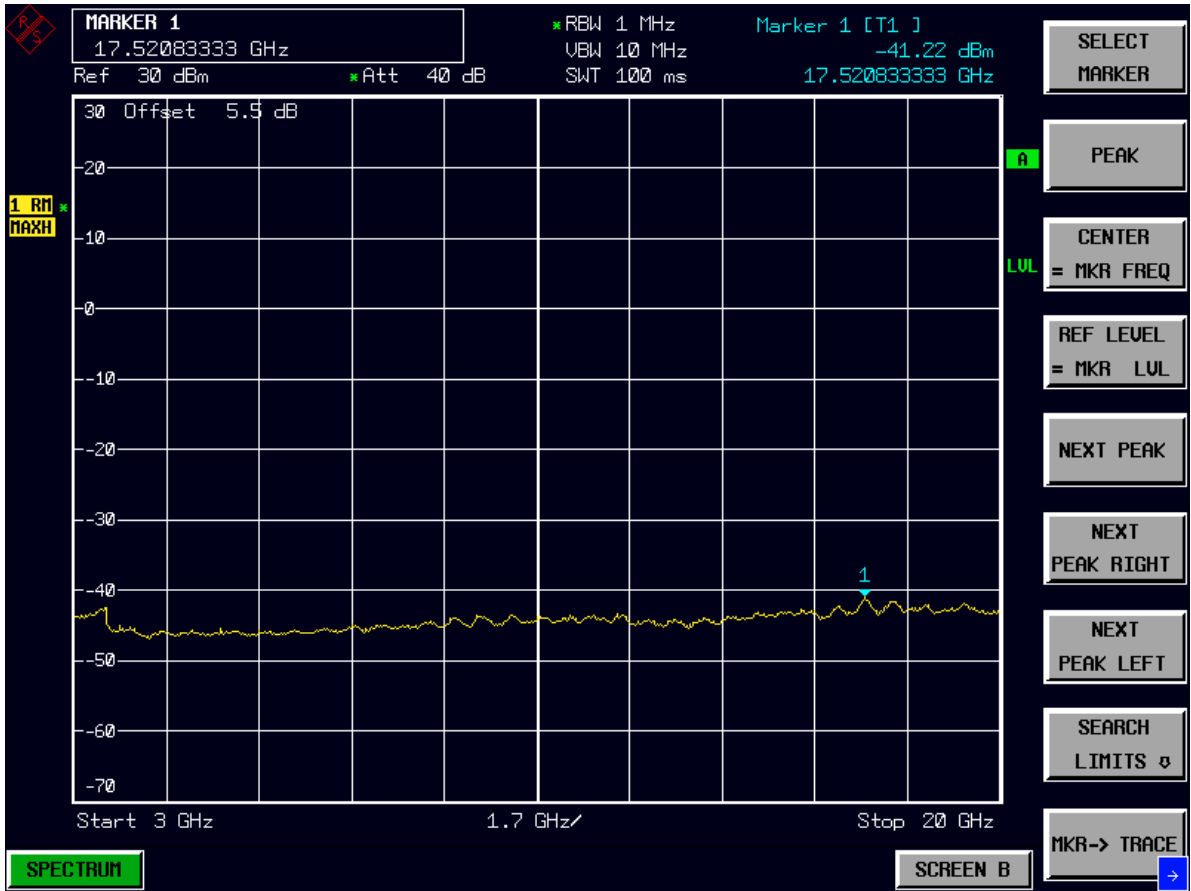






Channel 1175



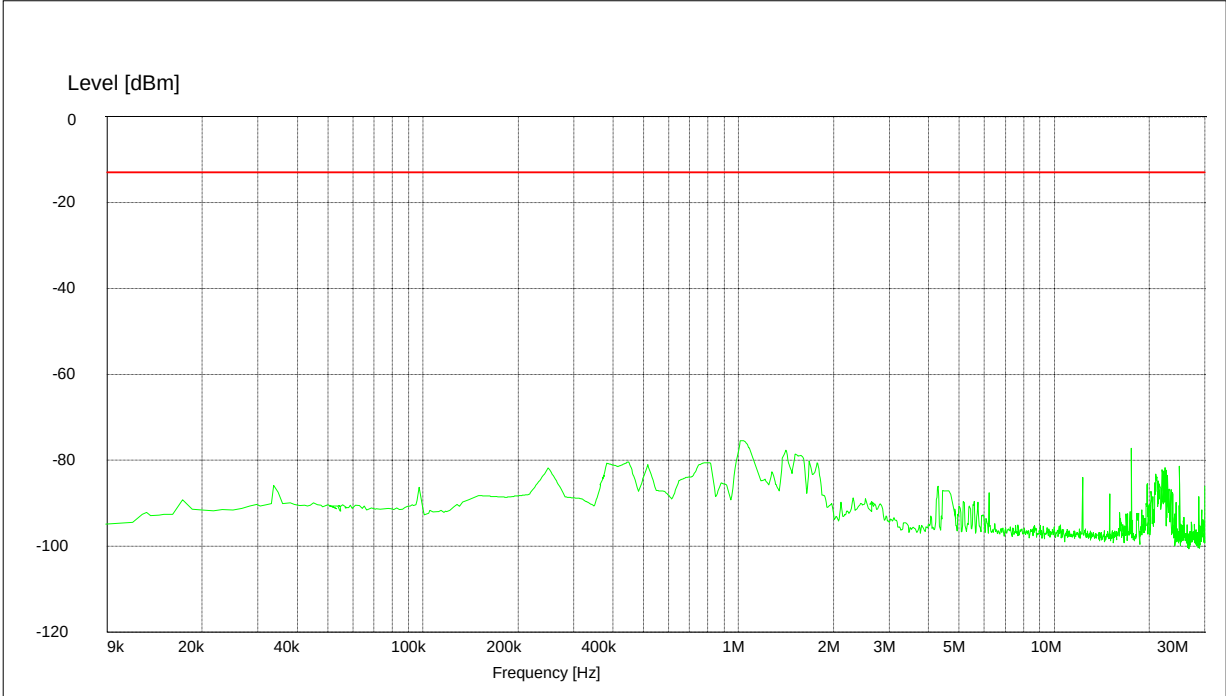


Appendix F

Radiated Spurious Emission According to FCC Part 2.1053 & 24.238

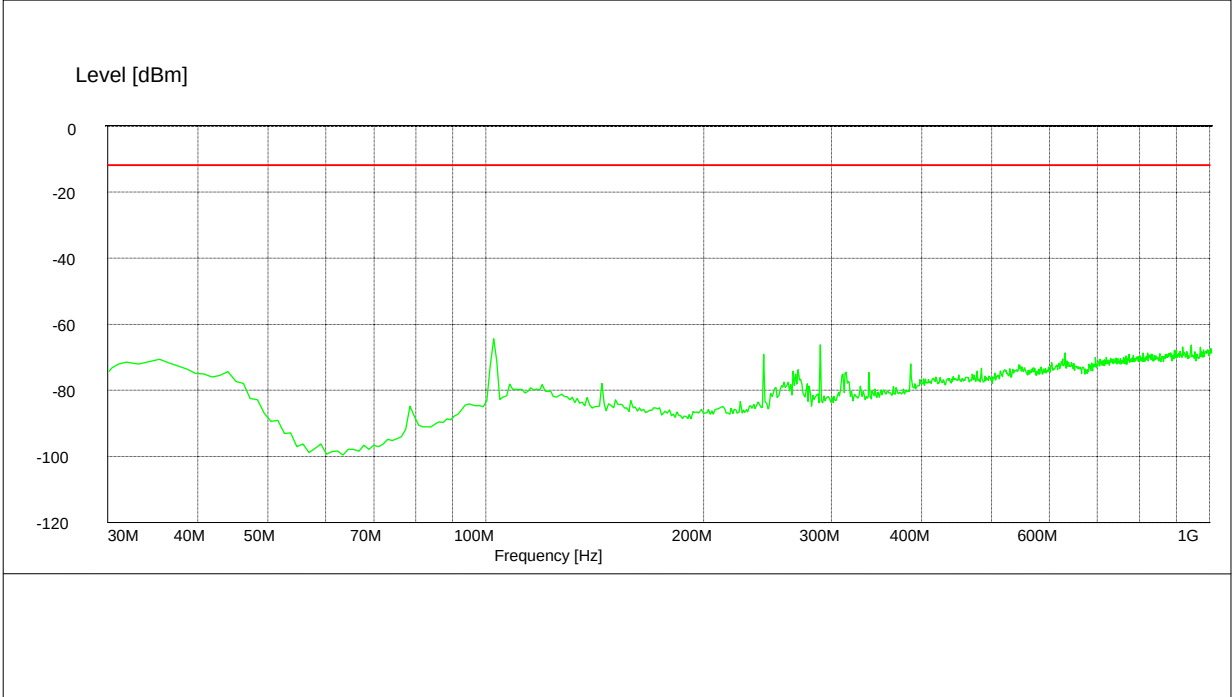


Traffic Mode (9kHz-30MHz)

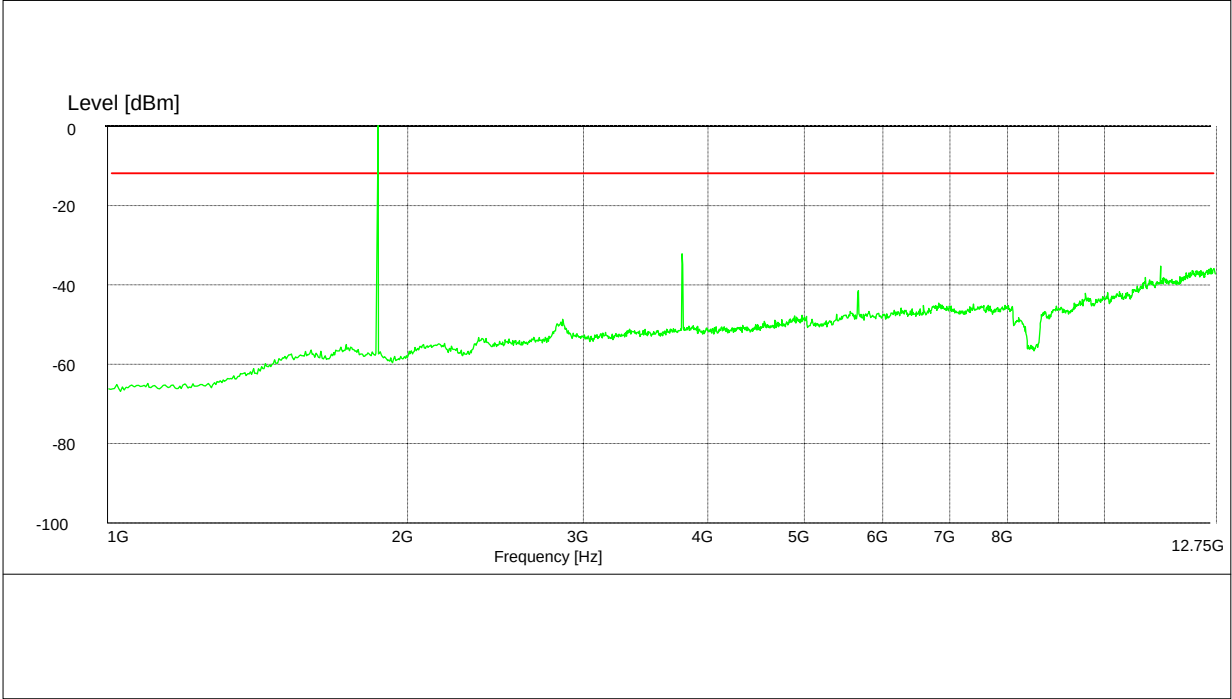




Traffic Mode (30MHz-1GHz)



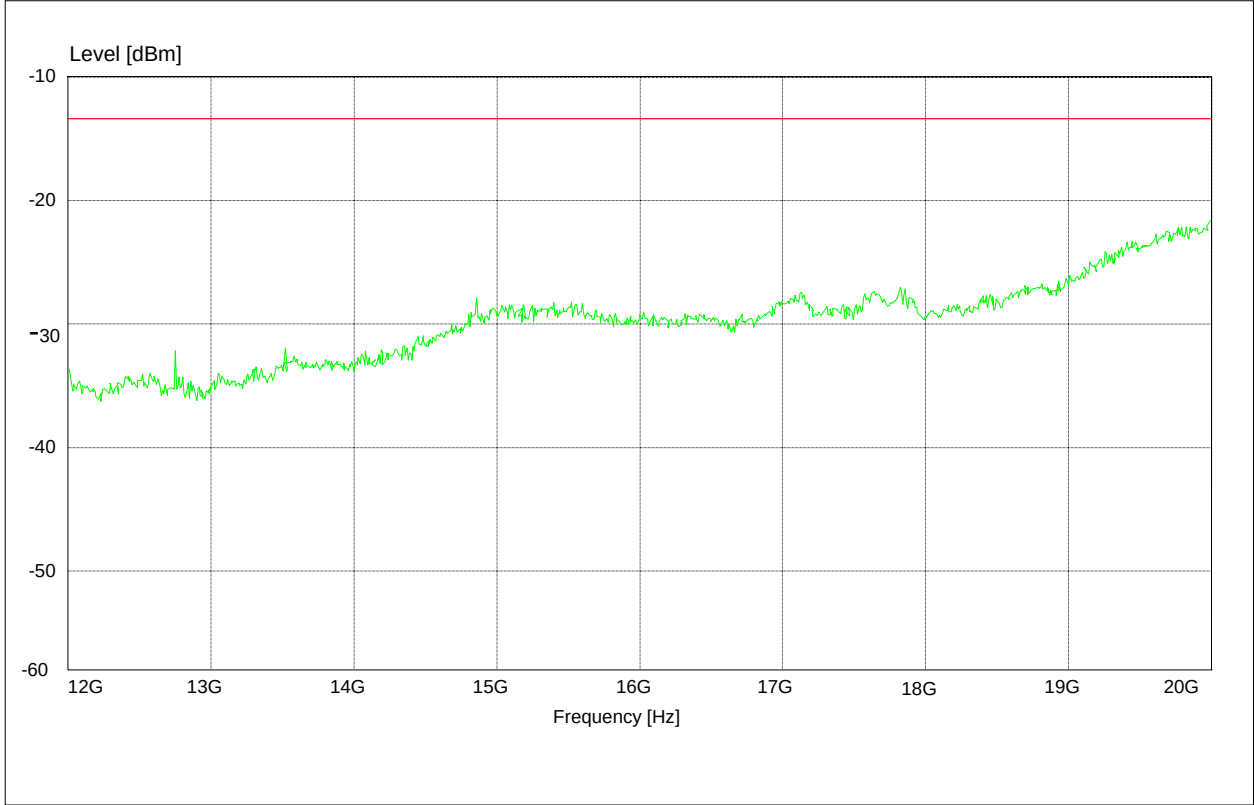
Traffic Mode (1GHz-12.75GHz)



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

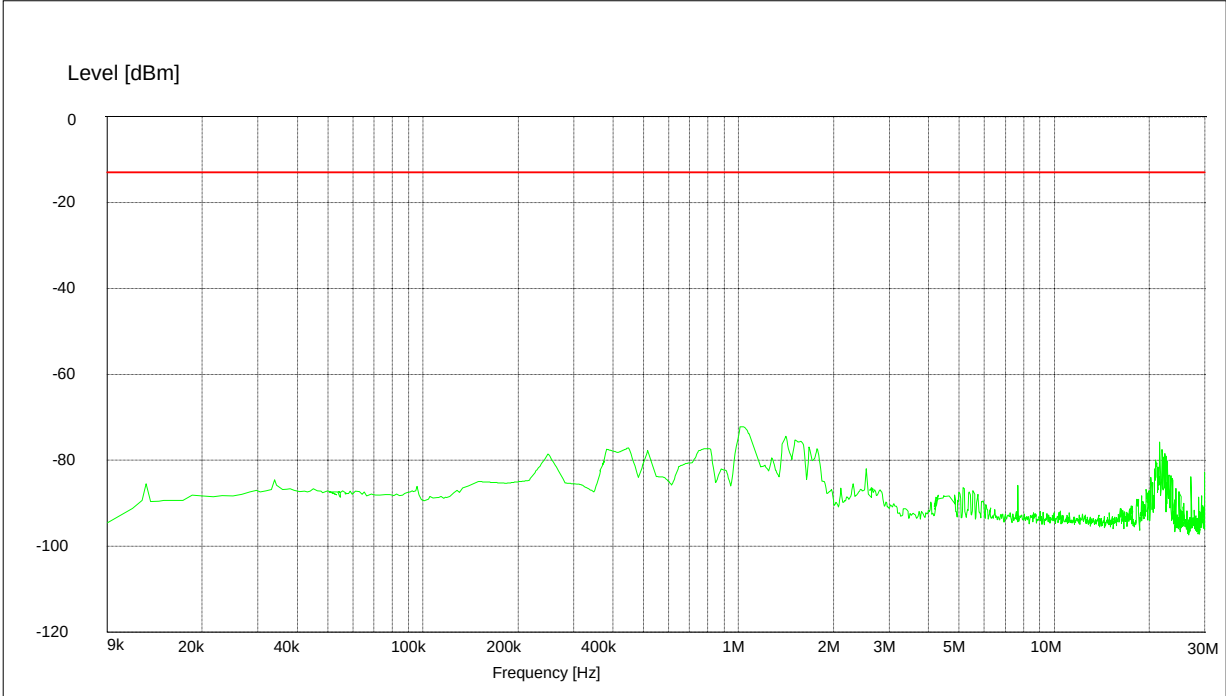


Traffic Mode (12GHz-20GHz)

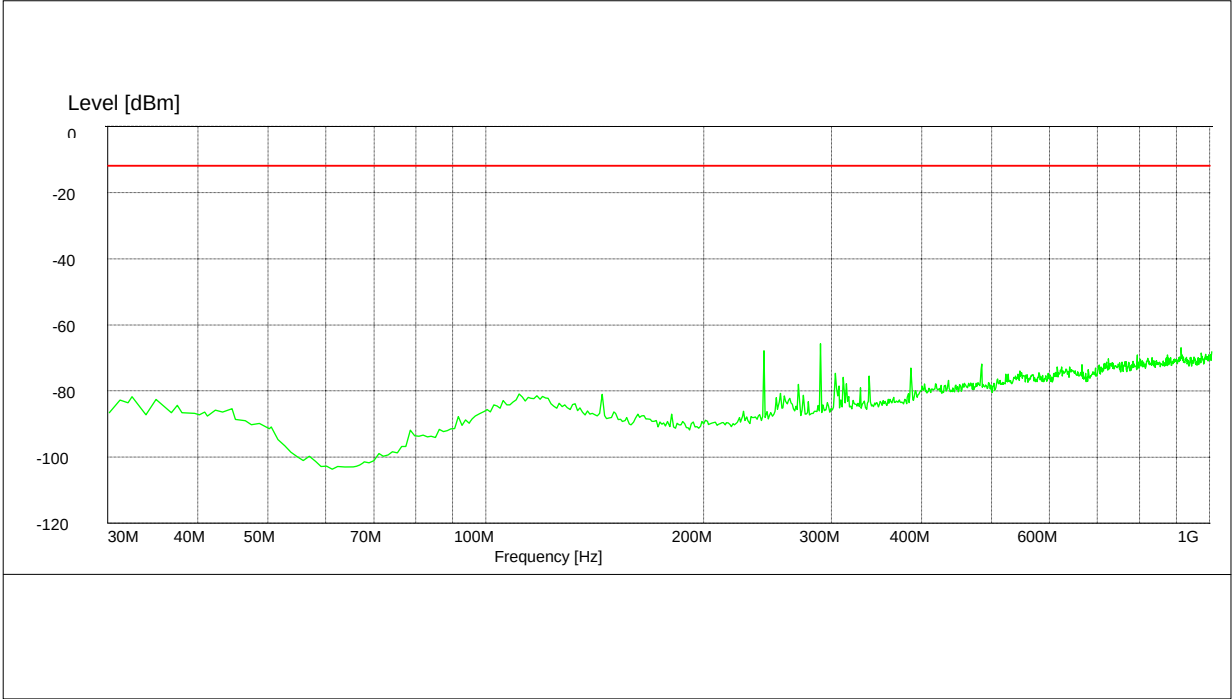




IDLE Mode (9 kHz-30MHz)

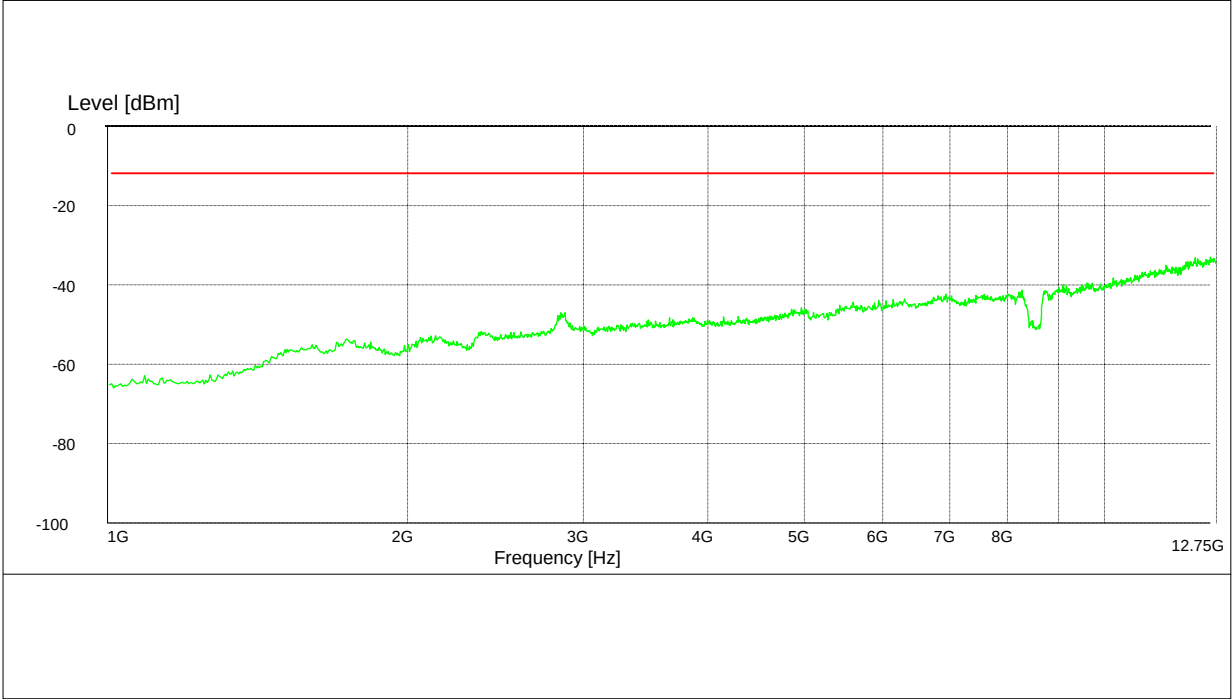


IDLE Mode (30MHz-1GHz)



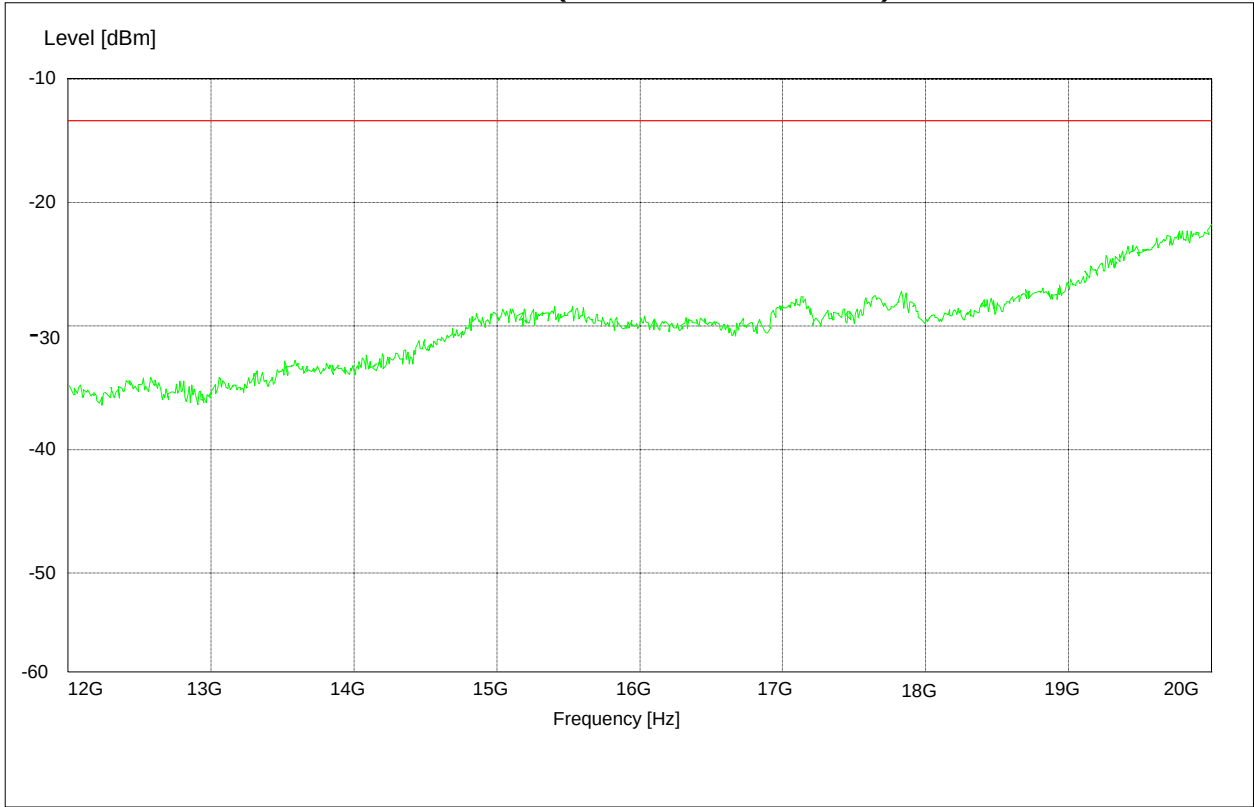


IDLE Mode (1GHz-12.75GHz)



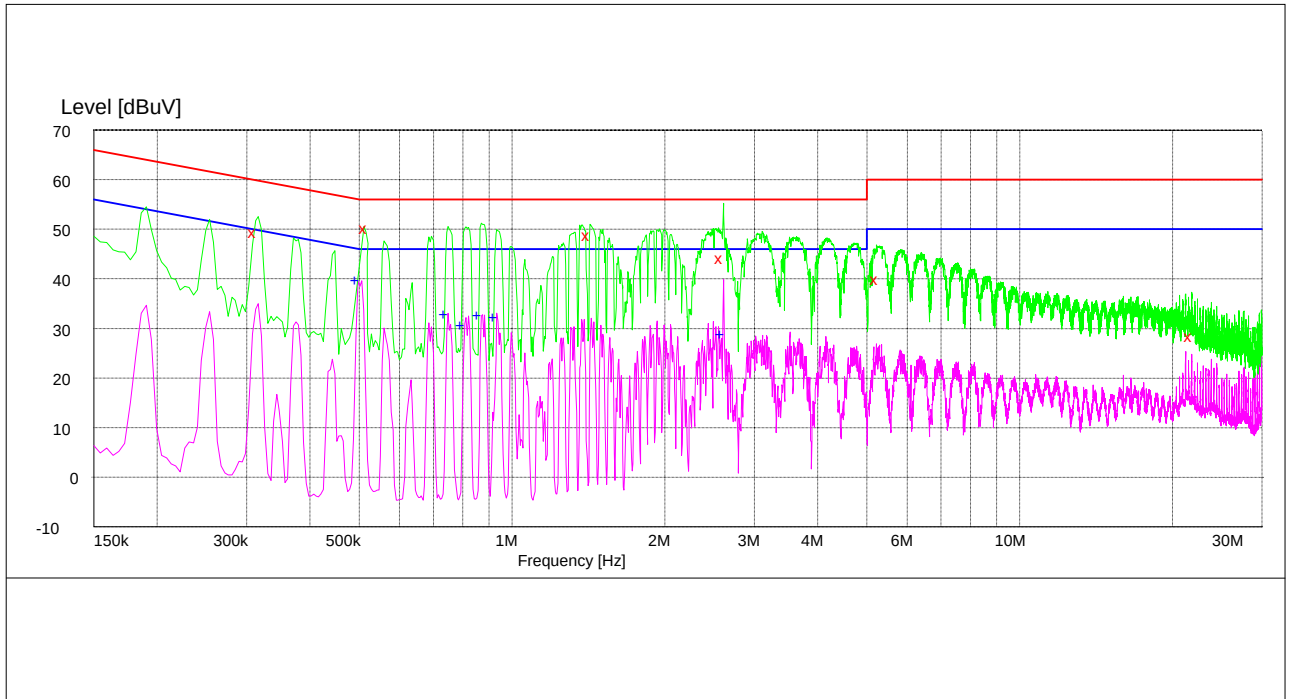


IDLE Mode (12GHz-20GHz)



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

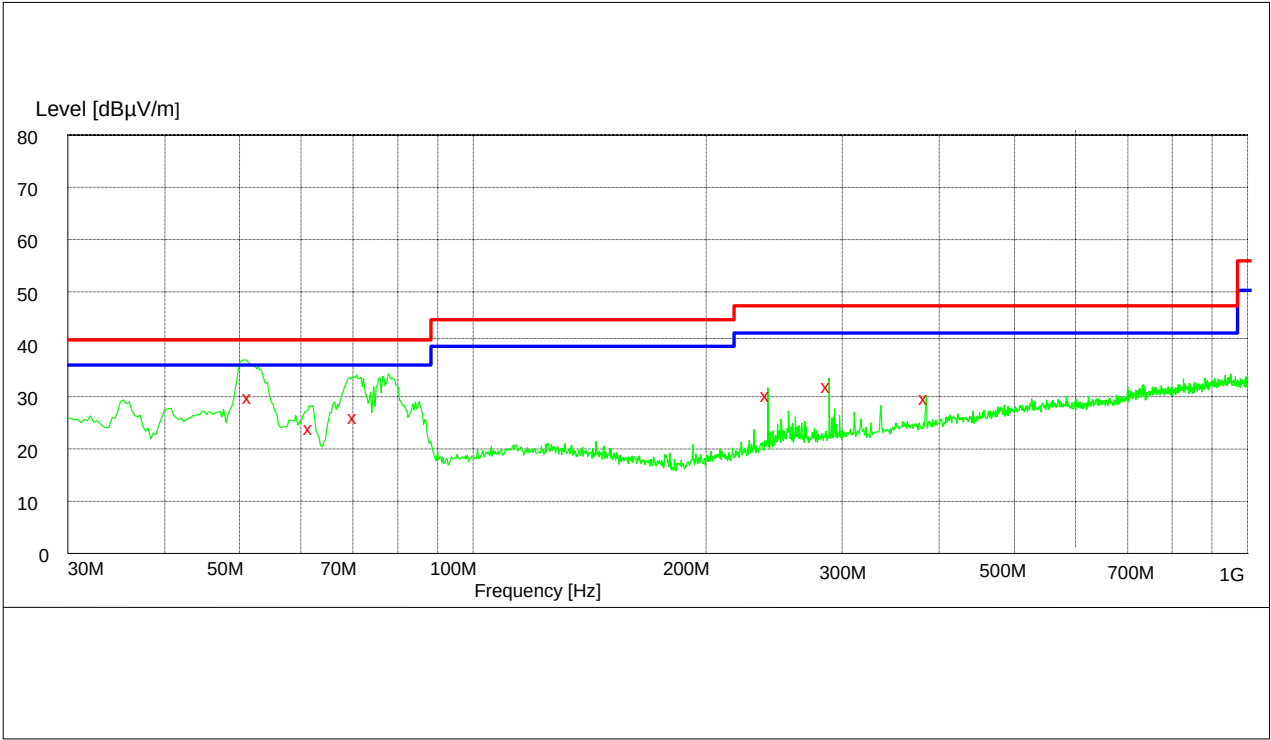
MEASUREMENT RESULT: "AV DECTER"

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