

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 Power25.95dBm Minimum Power-59.69dBm/1.23 MHz Single							Cell 1 Power	-25.00	
Maximum Power Setup ▾								dBm/1.23 MHz		
Minimum Power Setup ▾								Cell Band	US PCS	
								Channel	25	
								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 25.89 dBm Minimum Power -59.94 dBm/1.23 MHz Single							Cell 1 Power	
									-25.00	
									dBm/1.23 MHz	
Maximum Power Setup ▾									Cell Band	
									US PCS	
									Channel	
Minimum Power Setup ▾									25	
									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 600

TM1:

Measurement/Instrument Screen									
Control	Maximum/Minimum Power						Call Params		
Max/Min Power Setup ▾	Maximum Power 25.51 dBm Minimum Power -59.25 dBm/1.23 MHz Single						Cell 1 Power	-25.00	
Maximum Power Setup ▾							dBm/1.23 MHz		
Minimum Power Setup ▾							Cell Band	US PCS	
							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

TM3:

Measurement/Instrument Screen									
Control	Maximum/Minimum Power						Call Params		
Max/Min Power Setup ▾	Maximum Power 25.95 dBm Minimum Power -59.39 dBm/1.23 MHz						Cell 1 Power	-25.00	dBm/1.23 MHz
Maximum Power Setup ▾							Cell Band	US PCS	
Minimum Power Setup ▾							Channel	600	
1 of 2							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.				
				IntRef	Offset				1 of 4



Channel 1175

TM1:

Measurement/Instrument Screen										
Control		Maximum/Minimum Power						Call Parns		
Max/Min Power Setup ▾		Maximum Power 25.75 dBm Minimum Power -60.74 dBm/1.23 MHz						Cell 1 Pouer		
								-25.00		
Maximum Power Setup ▾								dBm/1.23 MHz		
								Cell Band		
								US PCS		
Minimum Power Setup ▾		Single						Channel		
								1175		
								Protocol Rev		
								6 (IS-2000-0)		
								Radio Config		
								(Fud1, Rvs1)		
								S02 (Loopback)		
								FCH Service Option Setup ▾		
1 of 2				Active Cell		Sys Type: IS-2000		1 of 4		
				Connected		Logging: No Conn.				
					IntRef	Offset				

TM3:

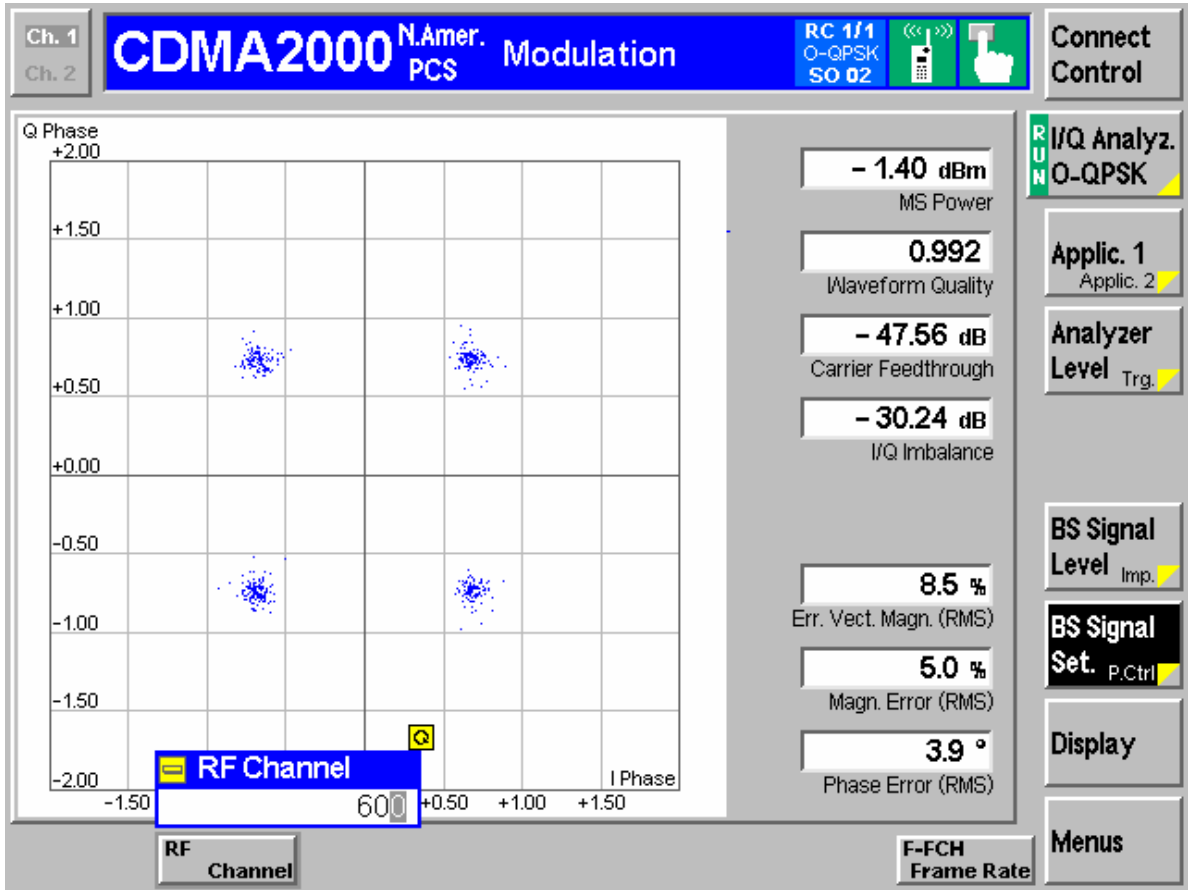
Measurement/Instrument Screen											
Control		Maximum/Minimum Power							Call Params		
Max/Min Power Setup ▾		Maximum Power 25.62 dBm Minimum Power -62.76 dBm/1.23 MHz Single							Cell 1 Power		
									-25.00		
Maximum Power Setup ▾									Cell Band		
									US PCS		
Minimum Power Setup ▾									Channel		
									1175		
									Protocol Rev		
									6 (IS-2000-0)		
									Radio Config		
									(Fud3, Rvs3)		
									S055 (Loopback)		
									FCH Service Option Setup ▾		
				Active Cell			Sys Type: IS-2000				
				Connected			Logging: No Conn.				
1 of 2					IntRef	Offset					1 of 4

Appendix B

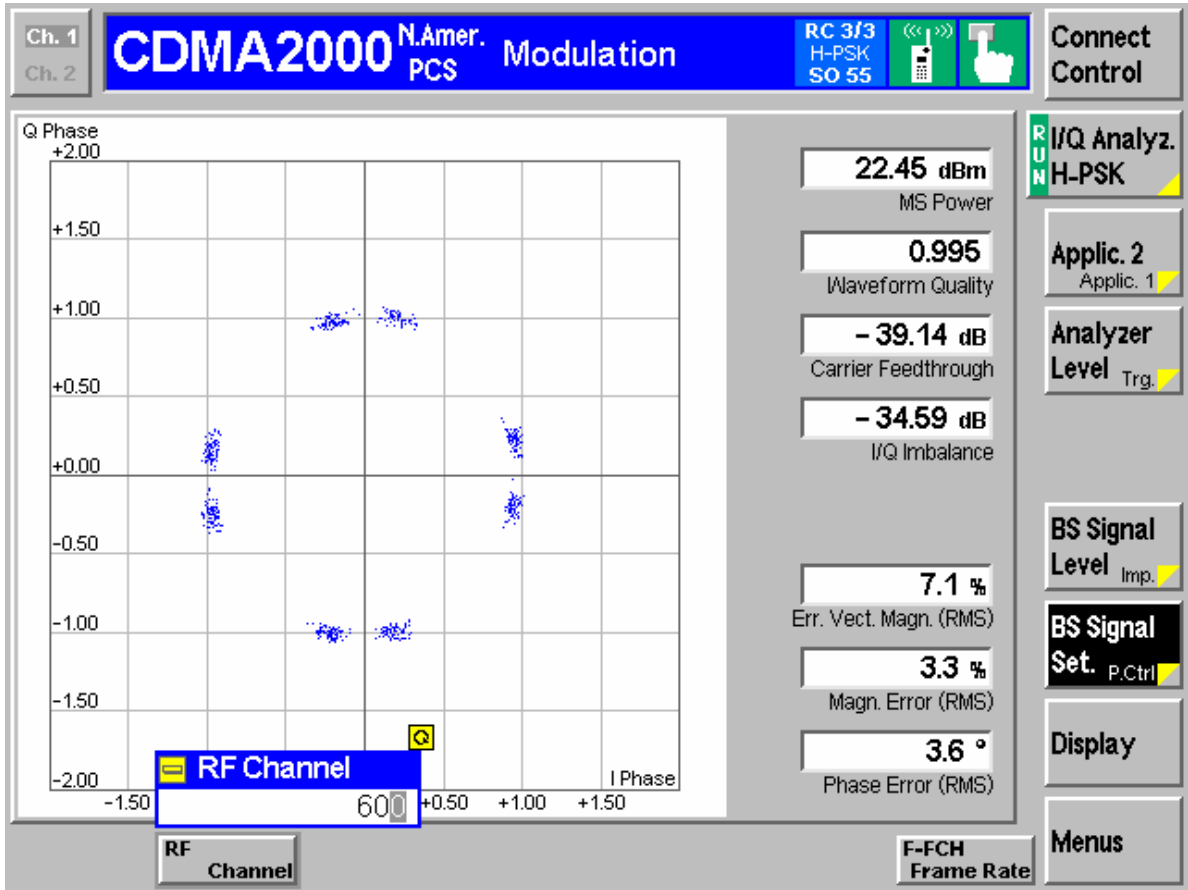
Modulation Characteristics

According to FCC Part 2.1047& Part 24 Subpart E

Channel 600 (TM1)



Channel 600 (TM3)

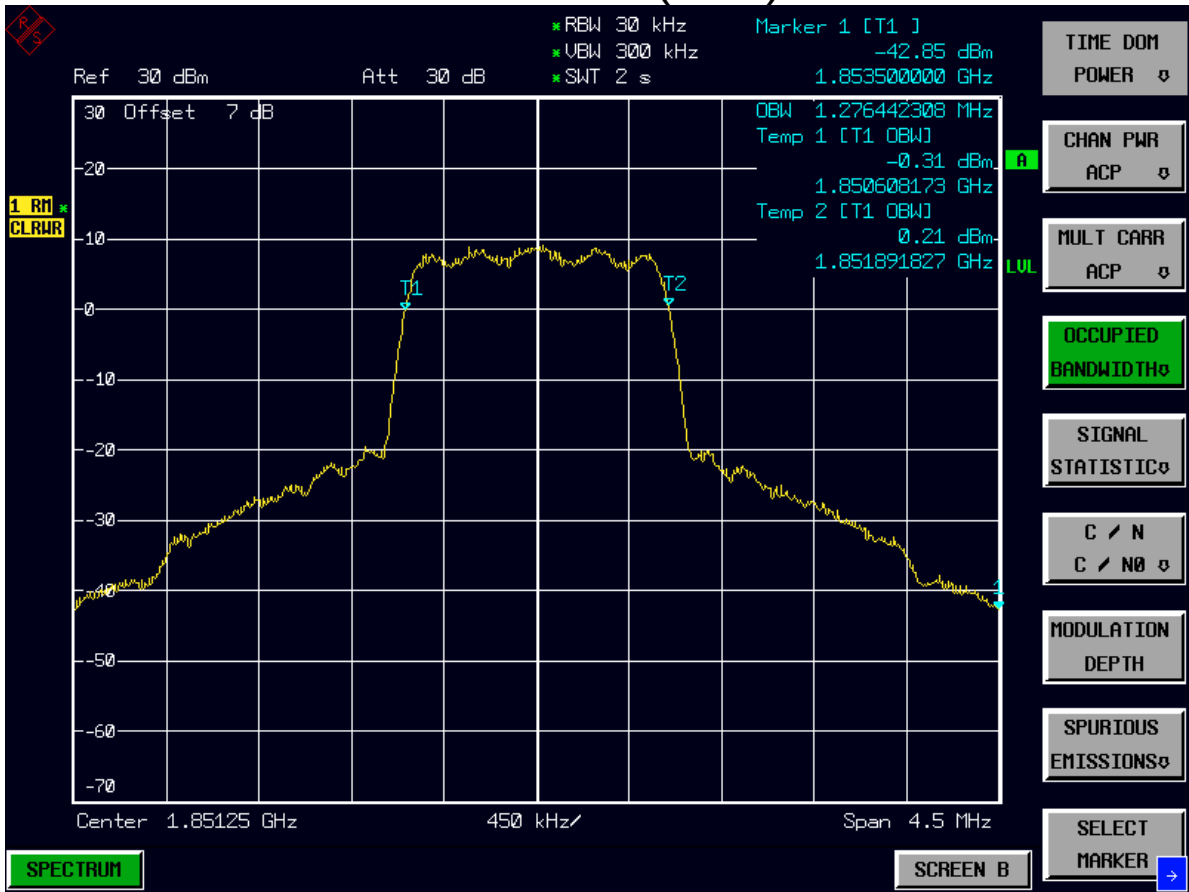


Appendix C

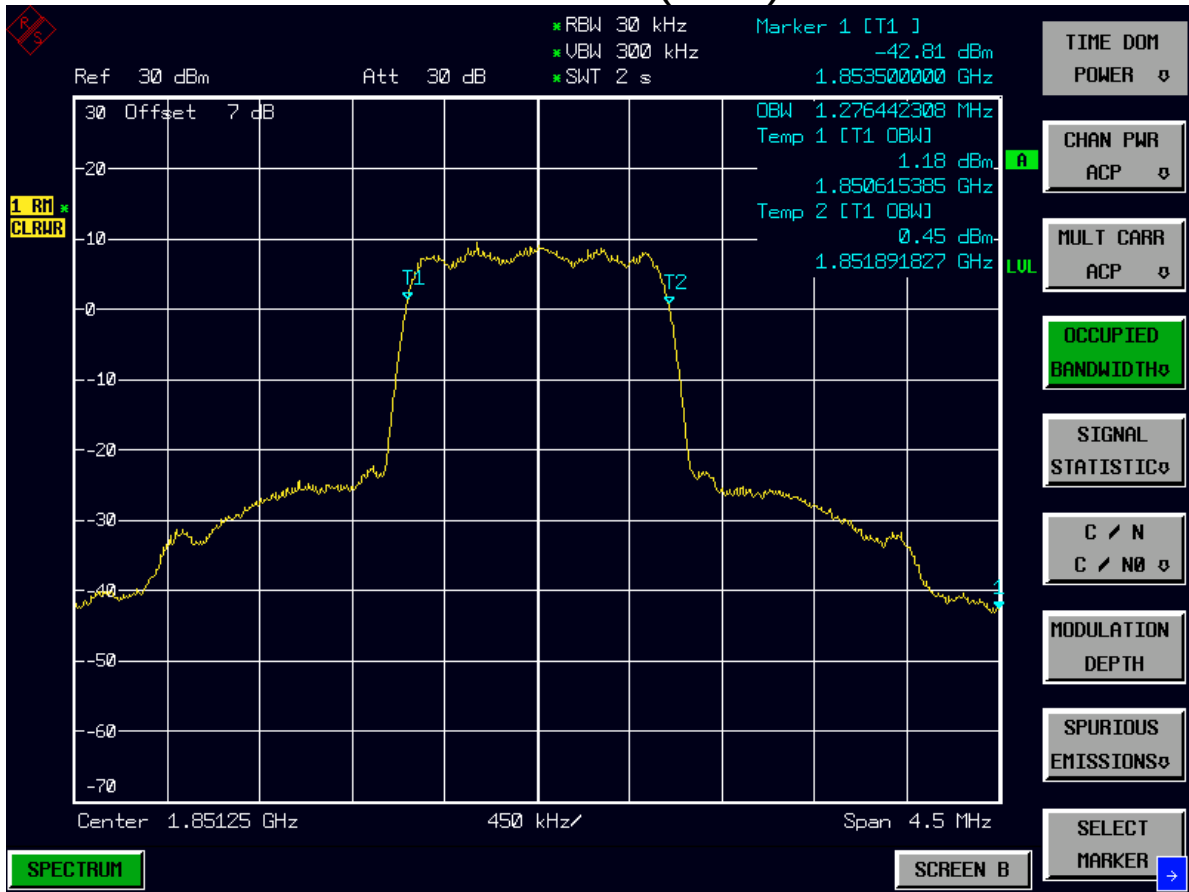
Occupied Bandwidth

According to FCC part 2.1049 & Part 24 Subpart E

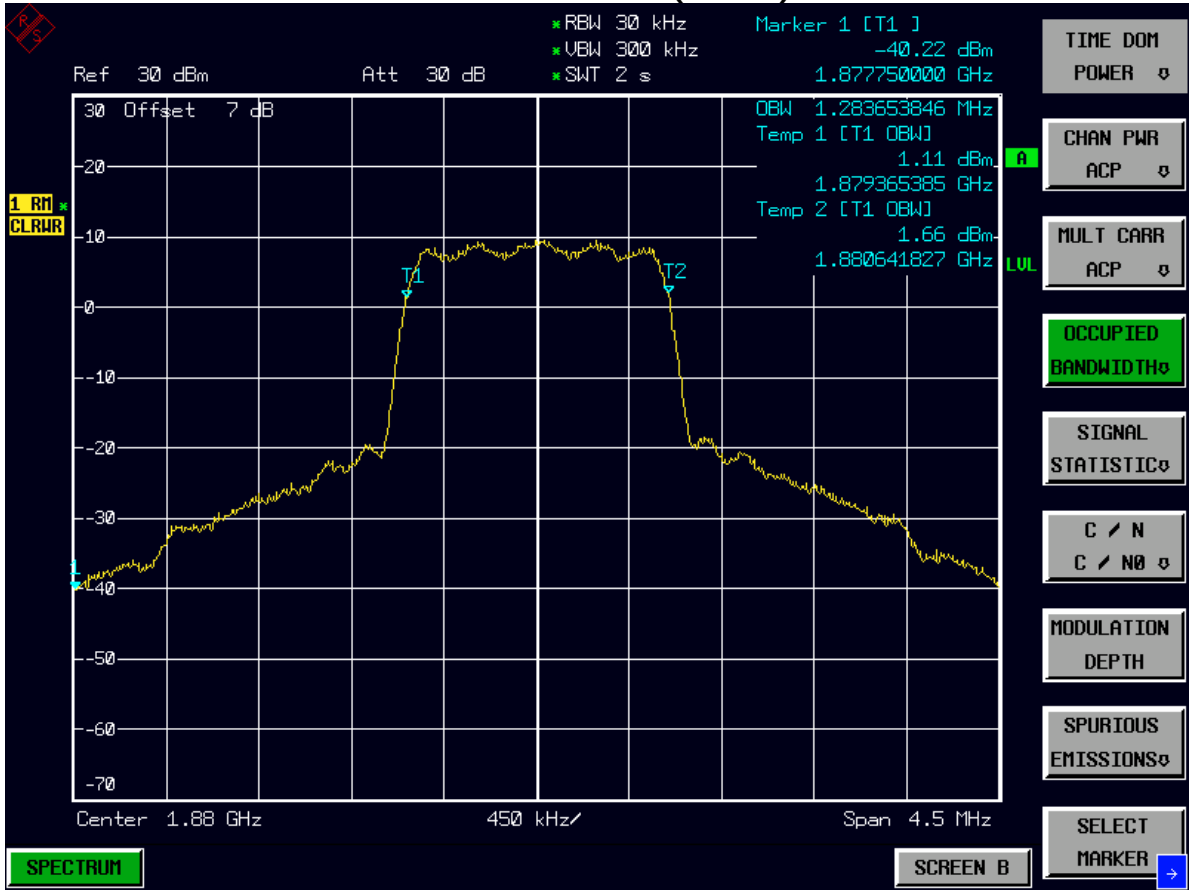
Channel 25(TM1)



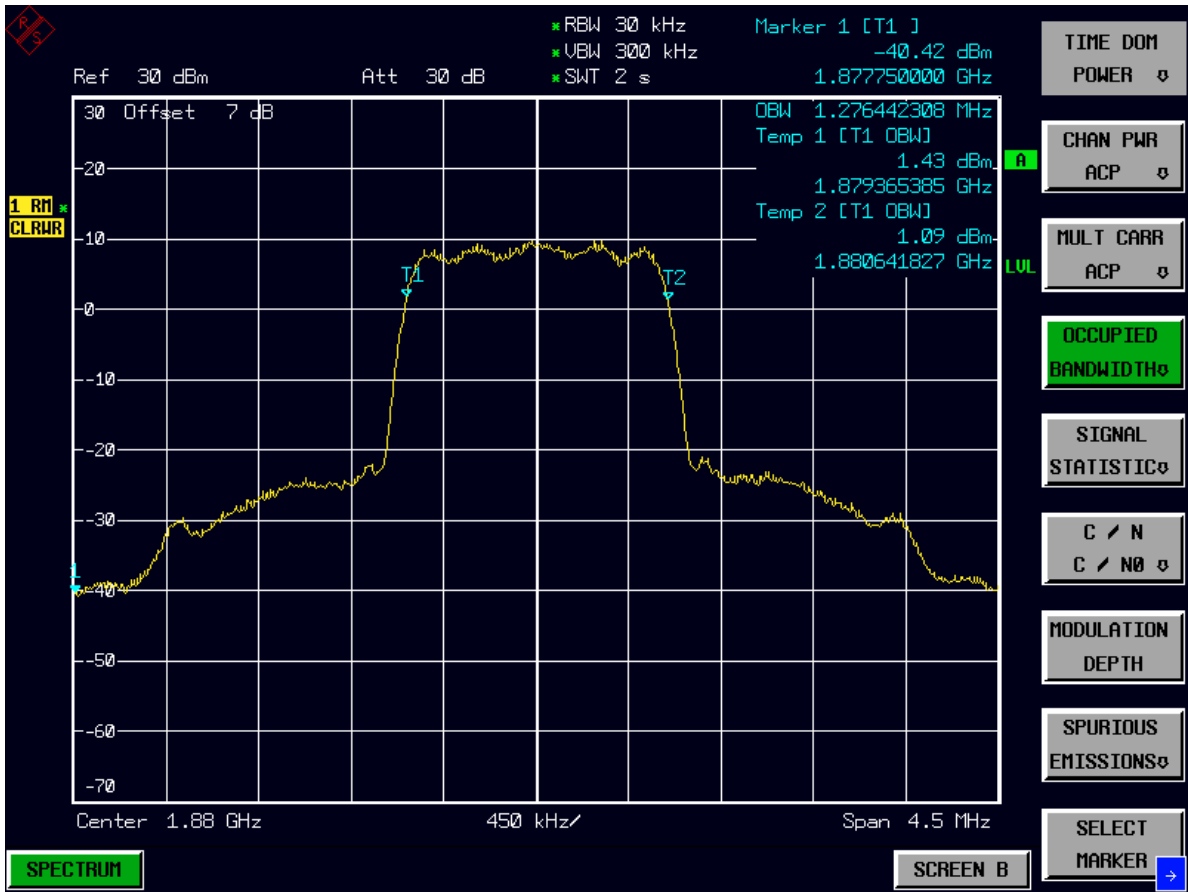
Channel 25(TM3)



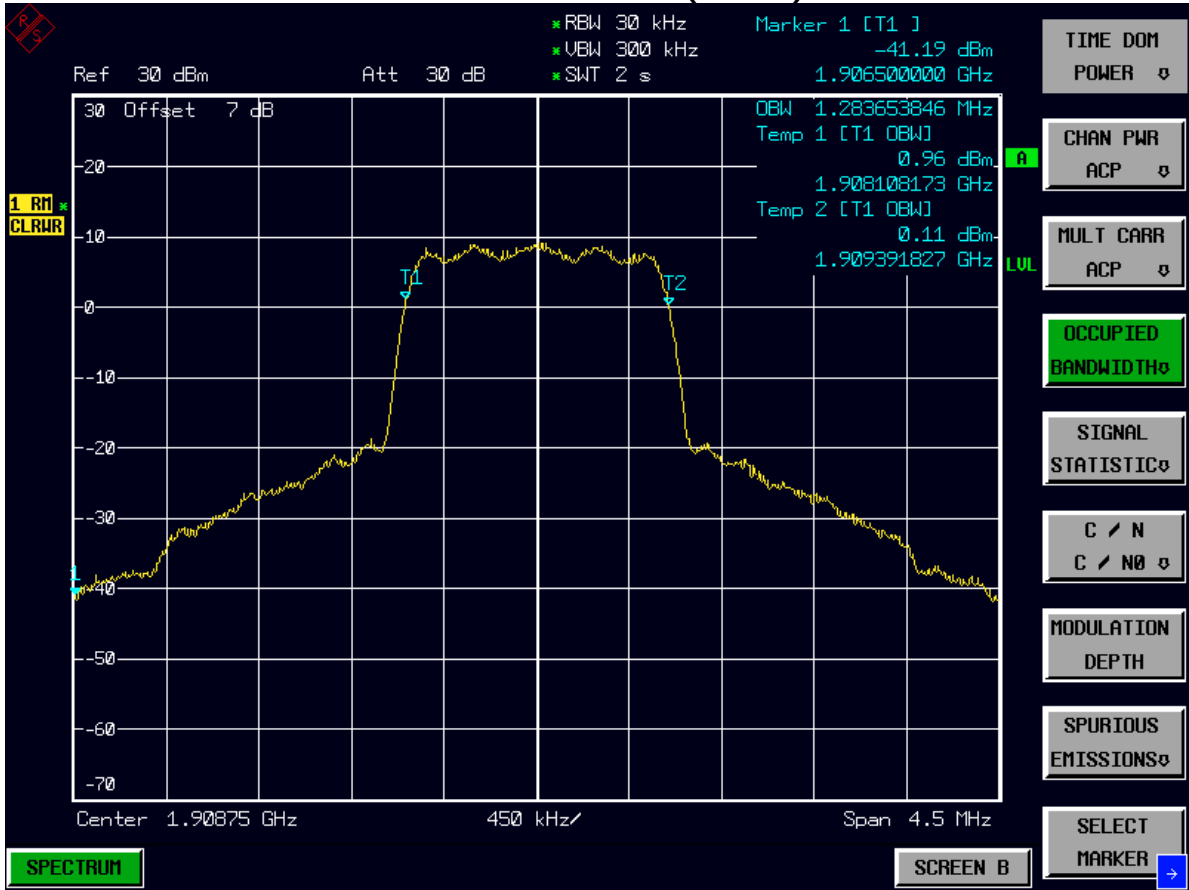
Channel 600(TM1)



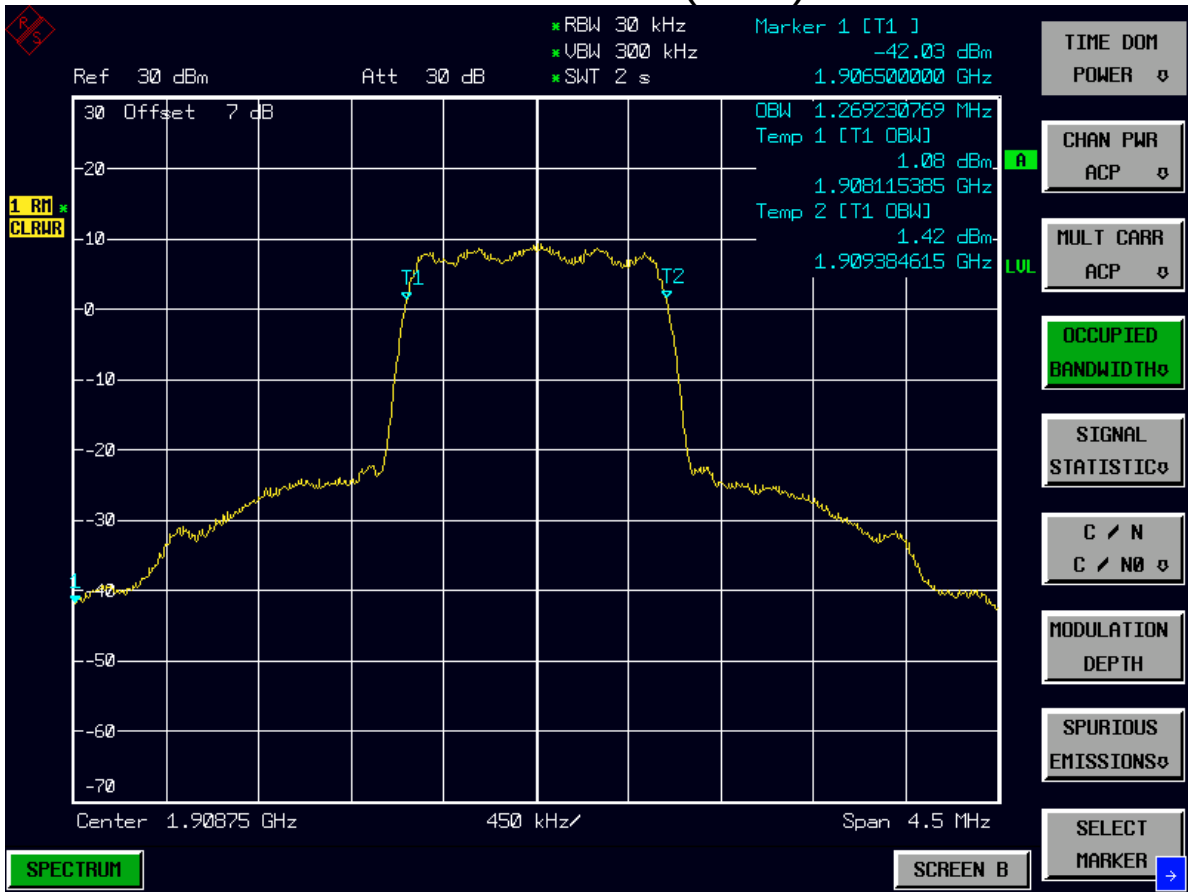
Channel 600(TM3)



Channel 1175(TM1)



Channel 1175(TM3)

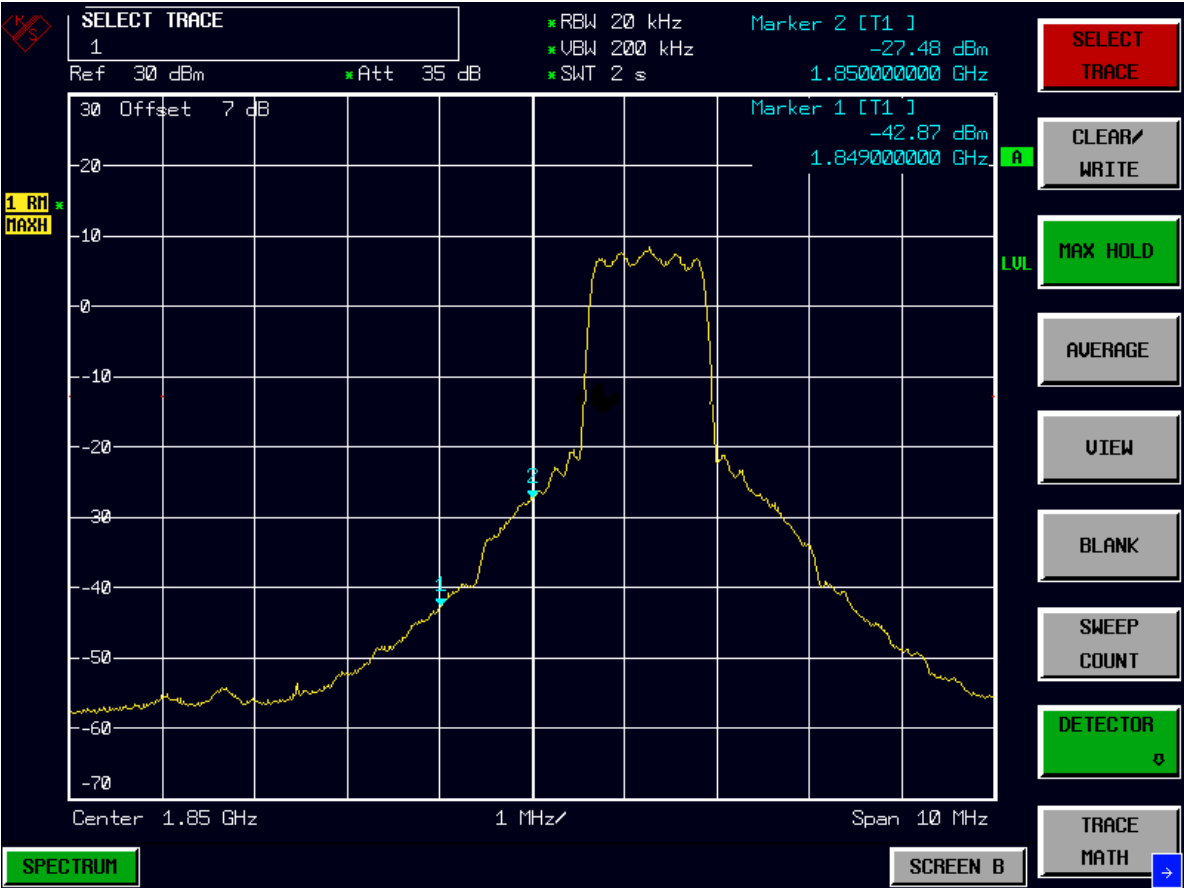


Appendix D

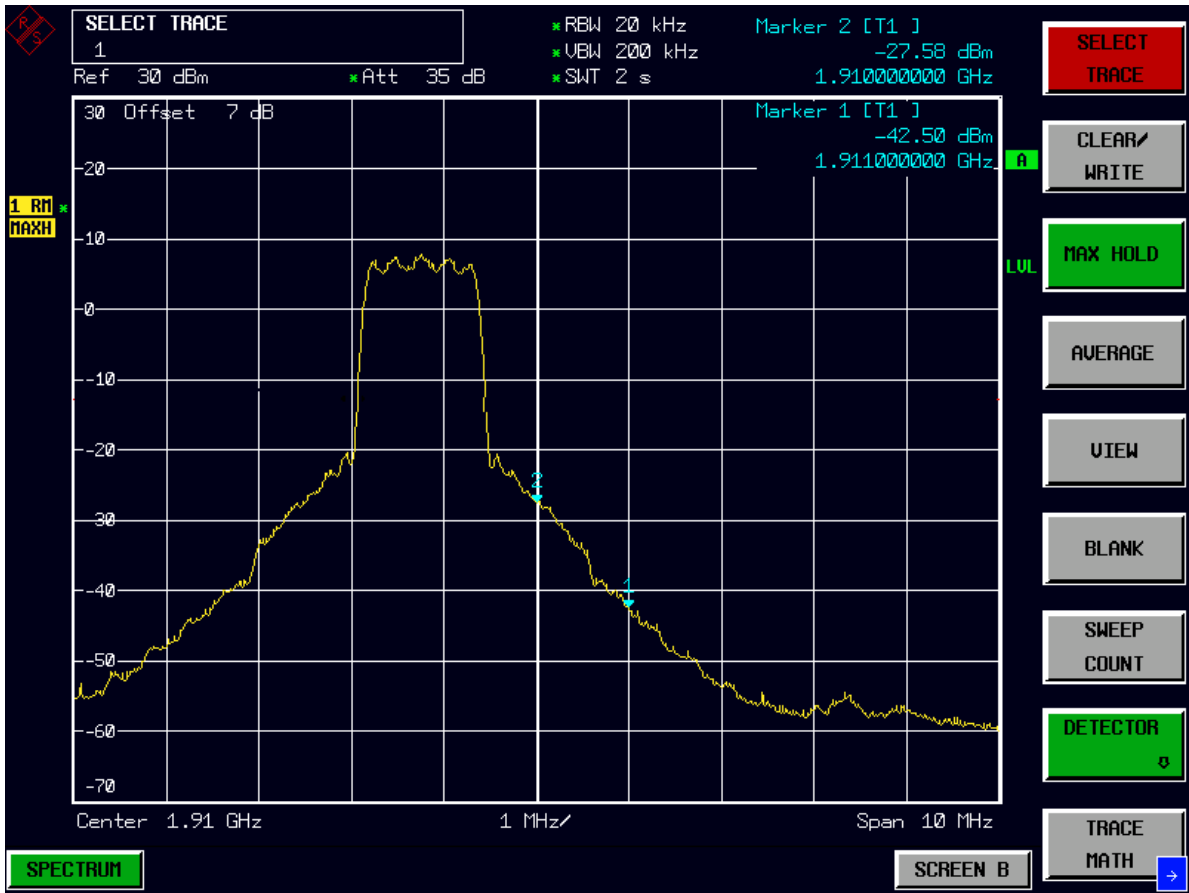
Band Edges Compliance According to FCC Part 2.1051 & 24.238

TM1

Left Edge (1850 MHz)
Channel 25

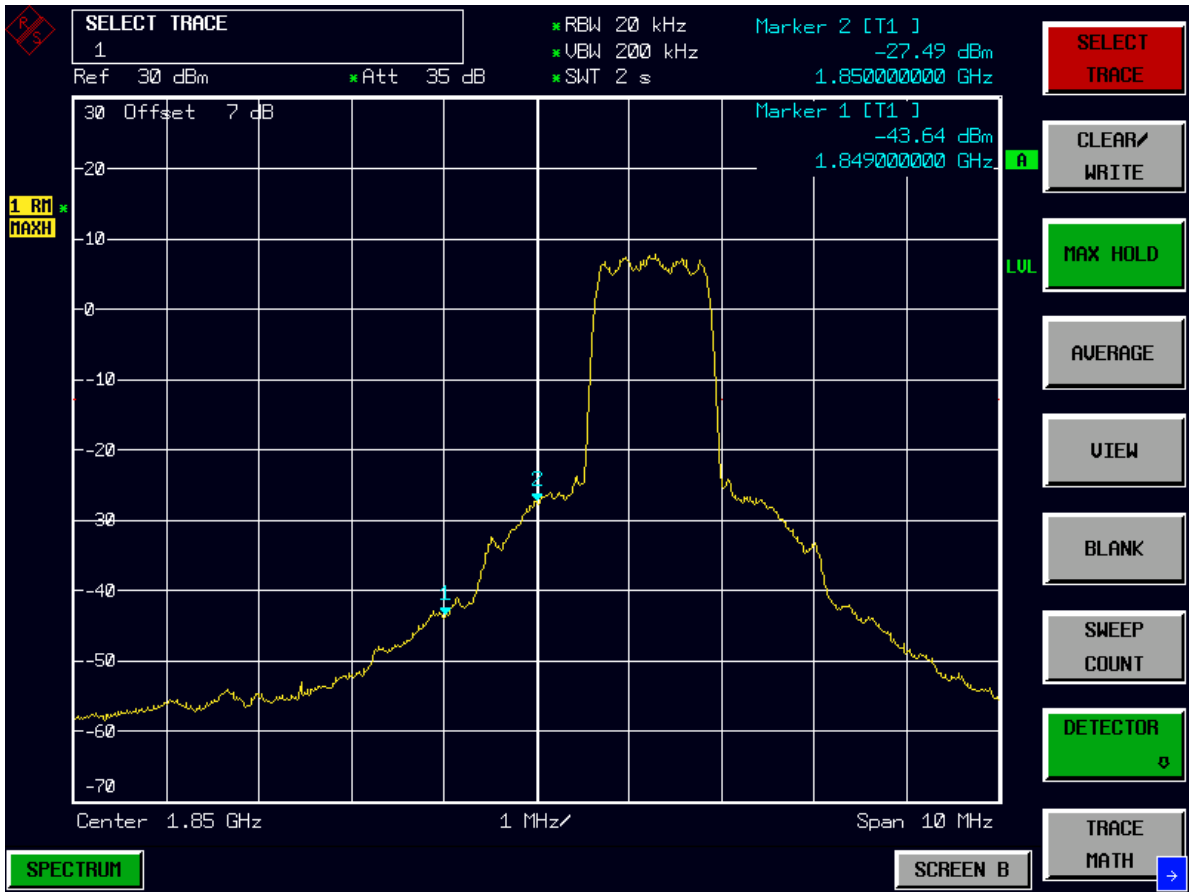


Right Edge (1910MHz)
Channel 1175

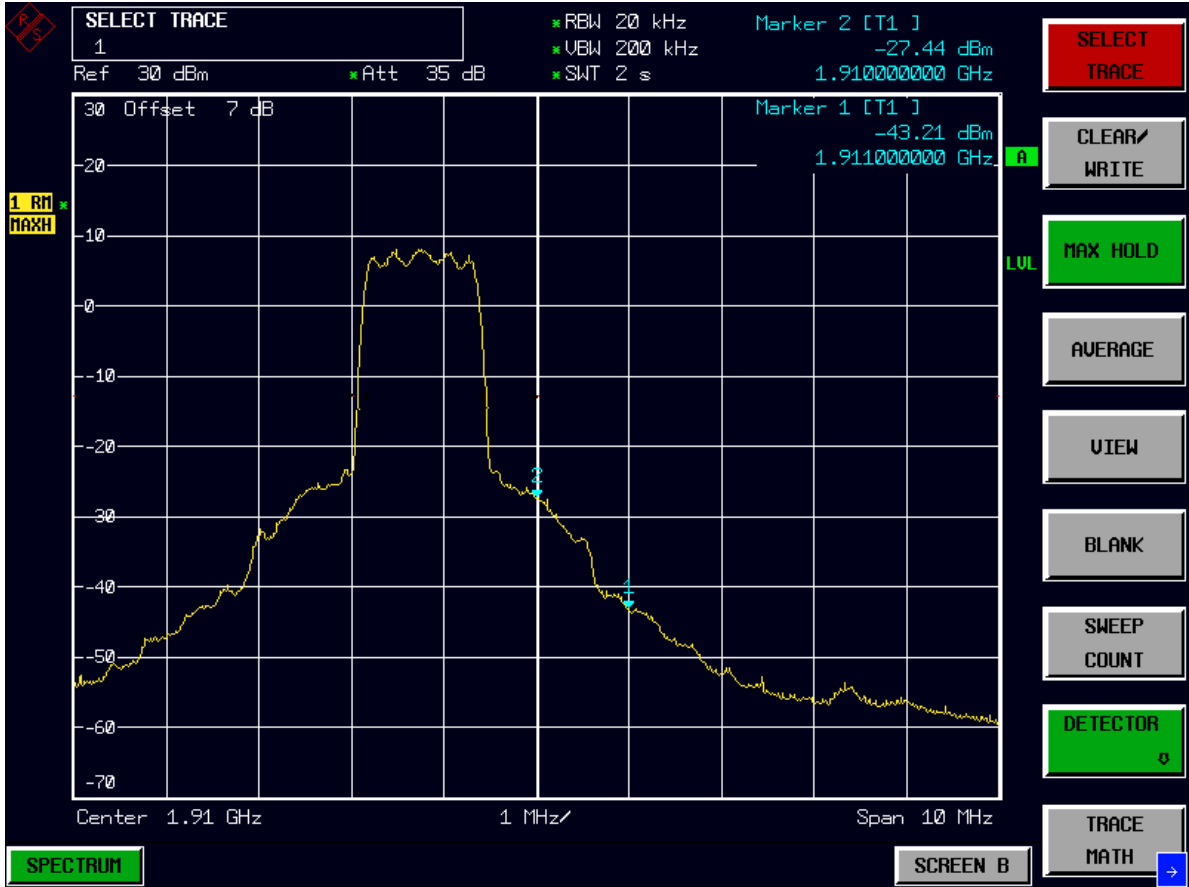


TM3

Left Edge (1850 MHz)
Channel 25



Right Edge (1910MHz)
Channel 1175

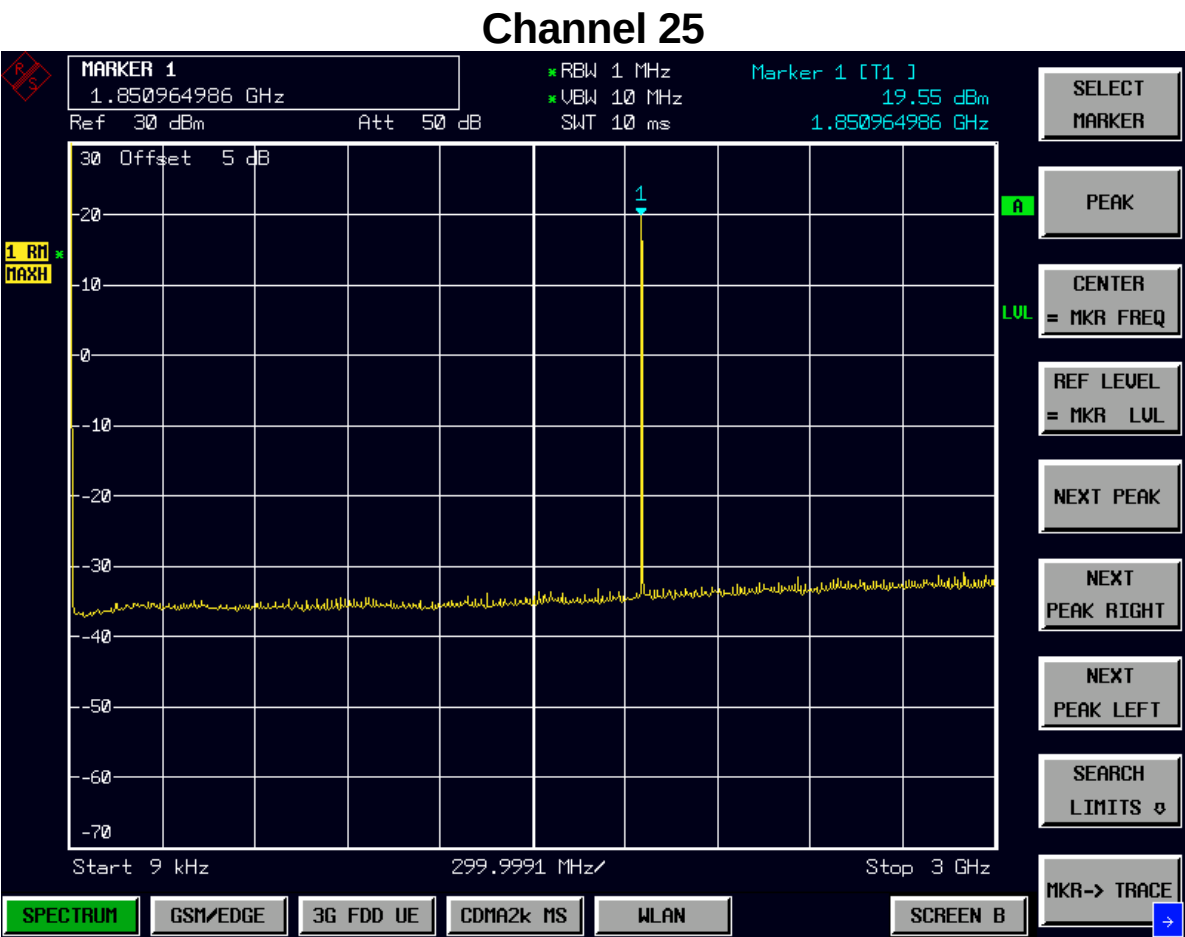


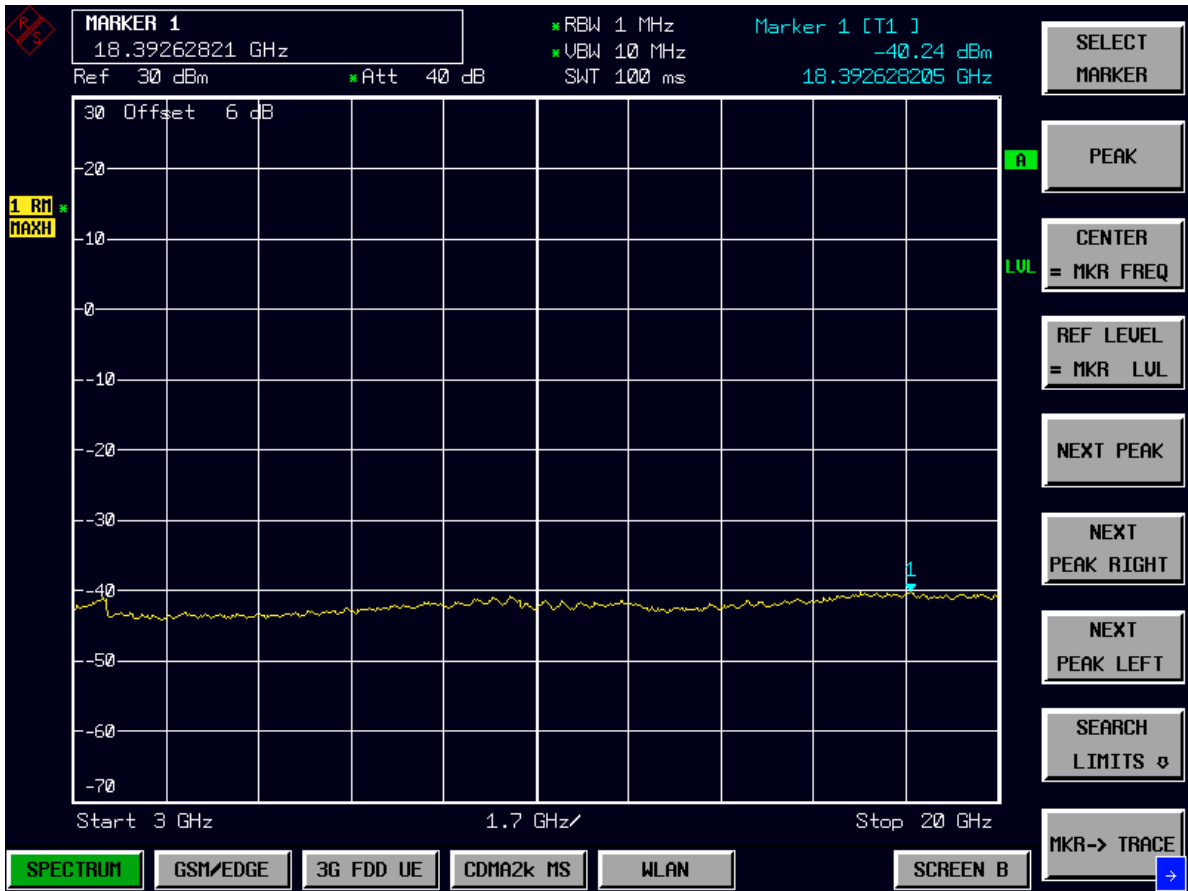
Appendix E

Spurious Emission at Antenna Terminal

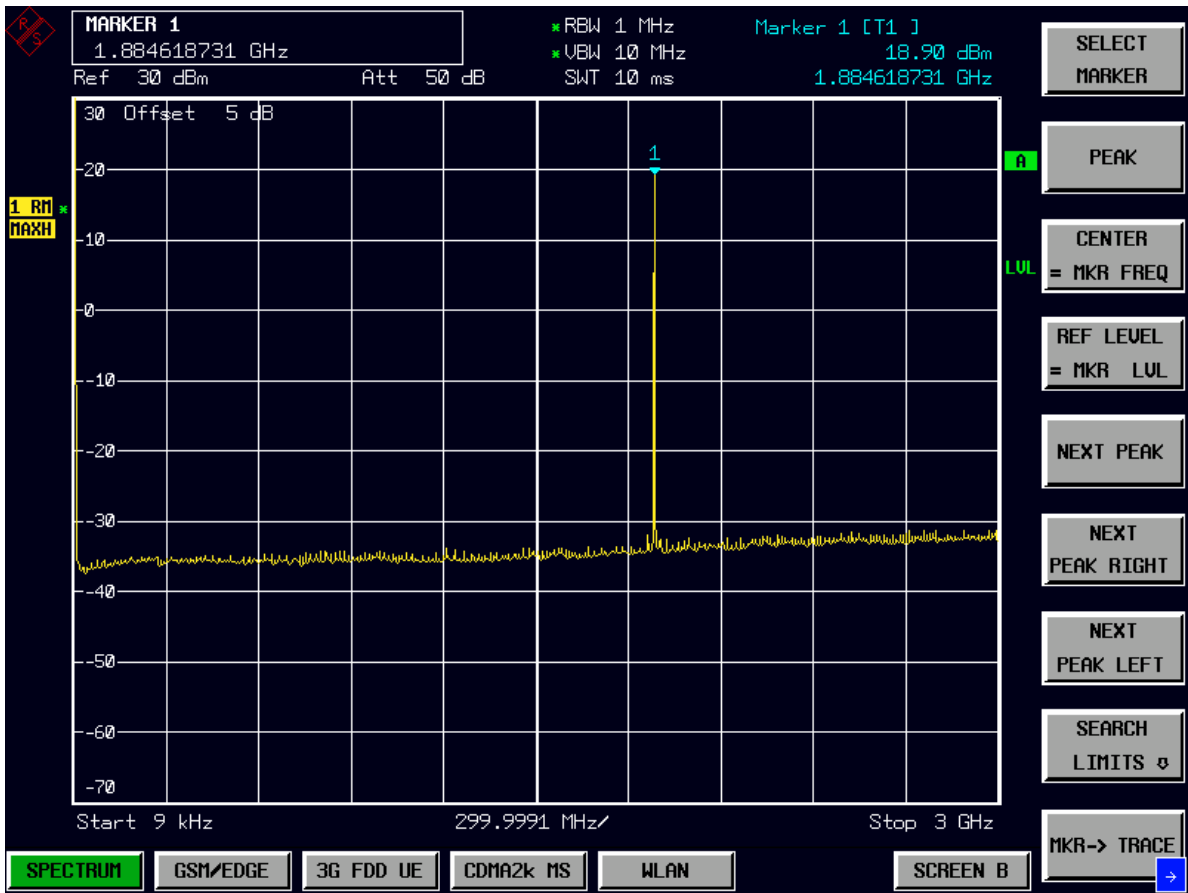
According to FCC Part 2.1051 & 24.238

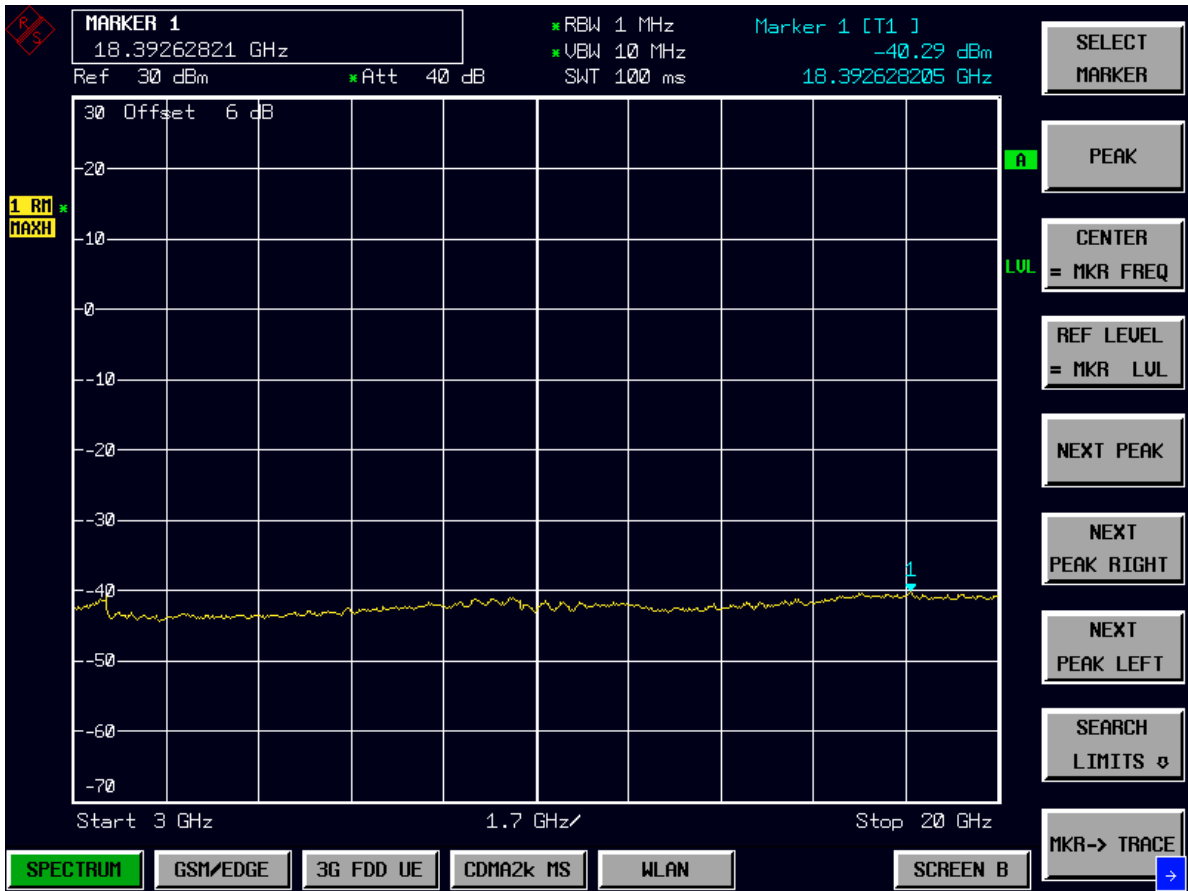
1.1 TM1



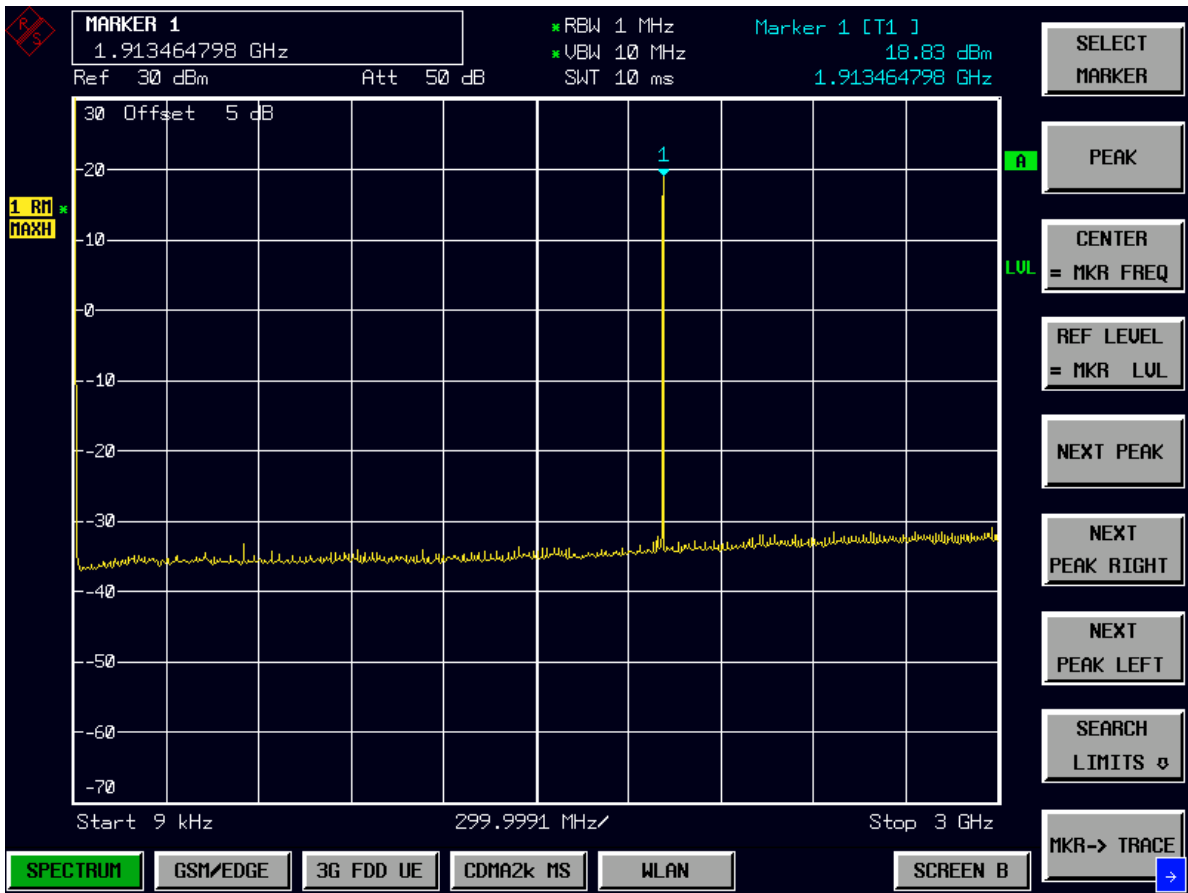


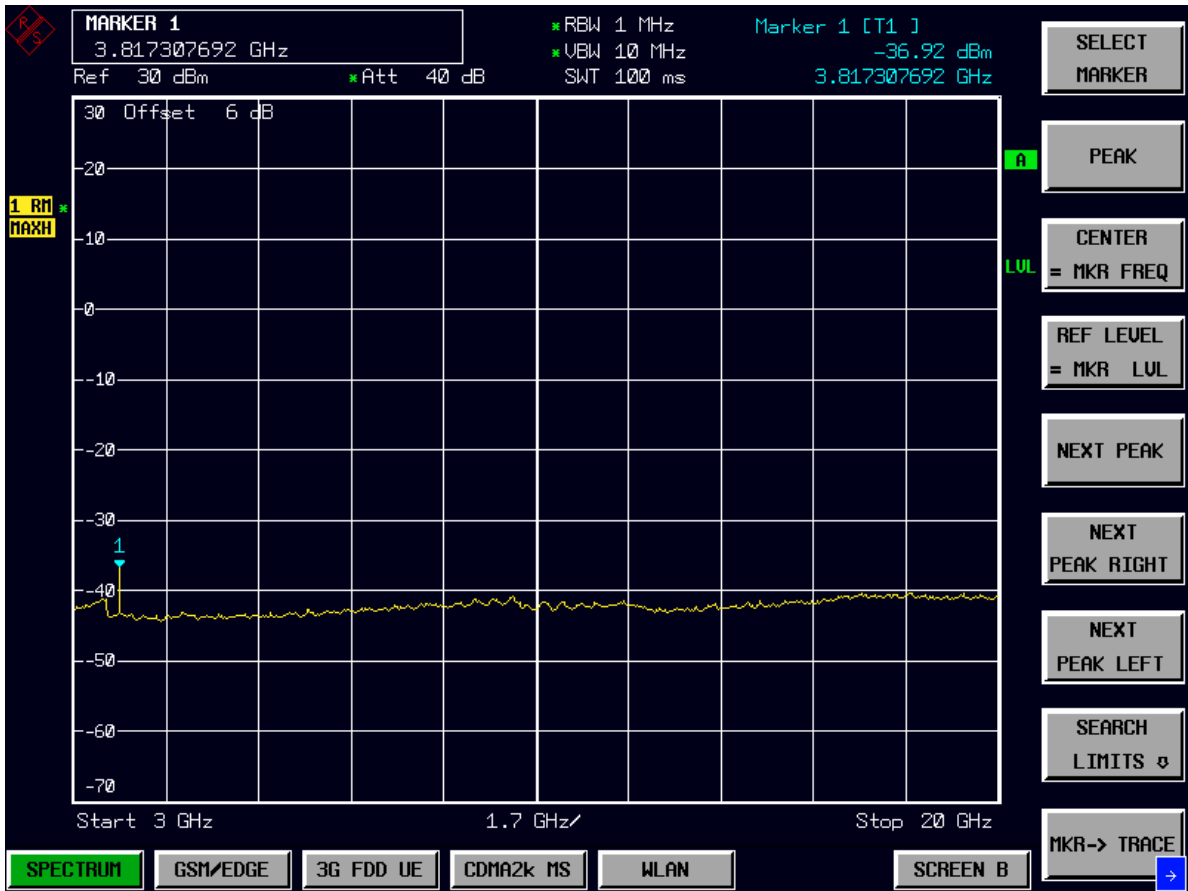
Channel 600





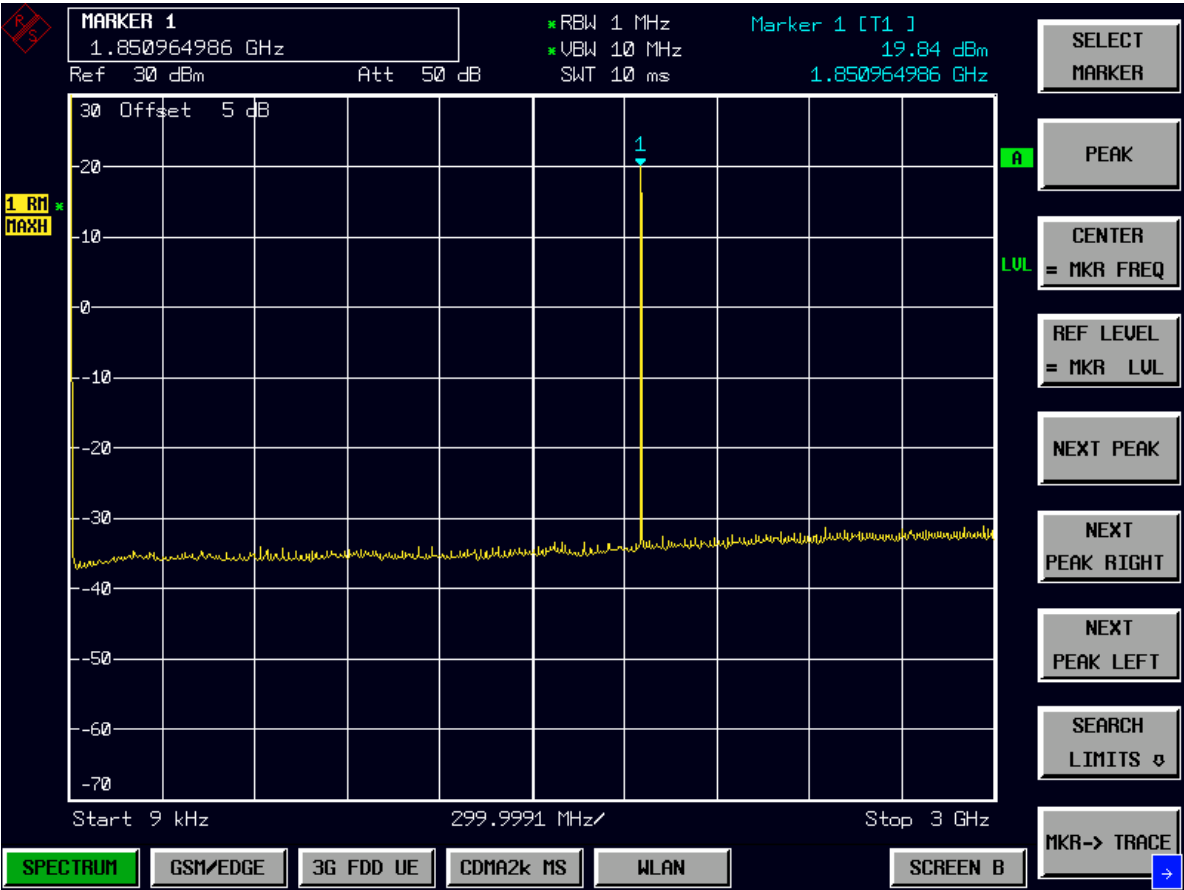
Channel 1175

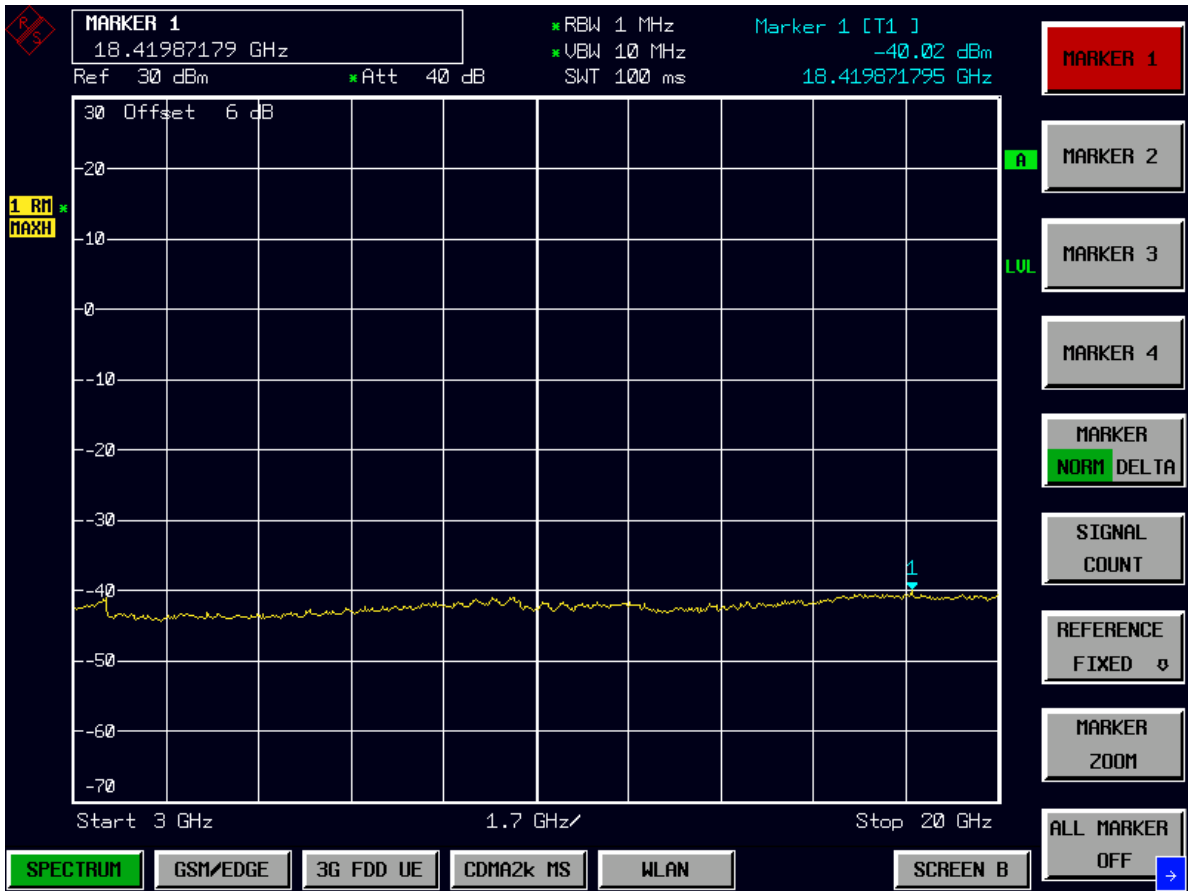




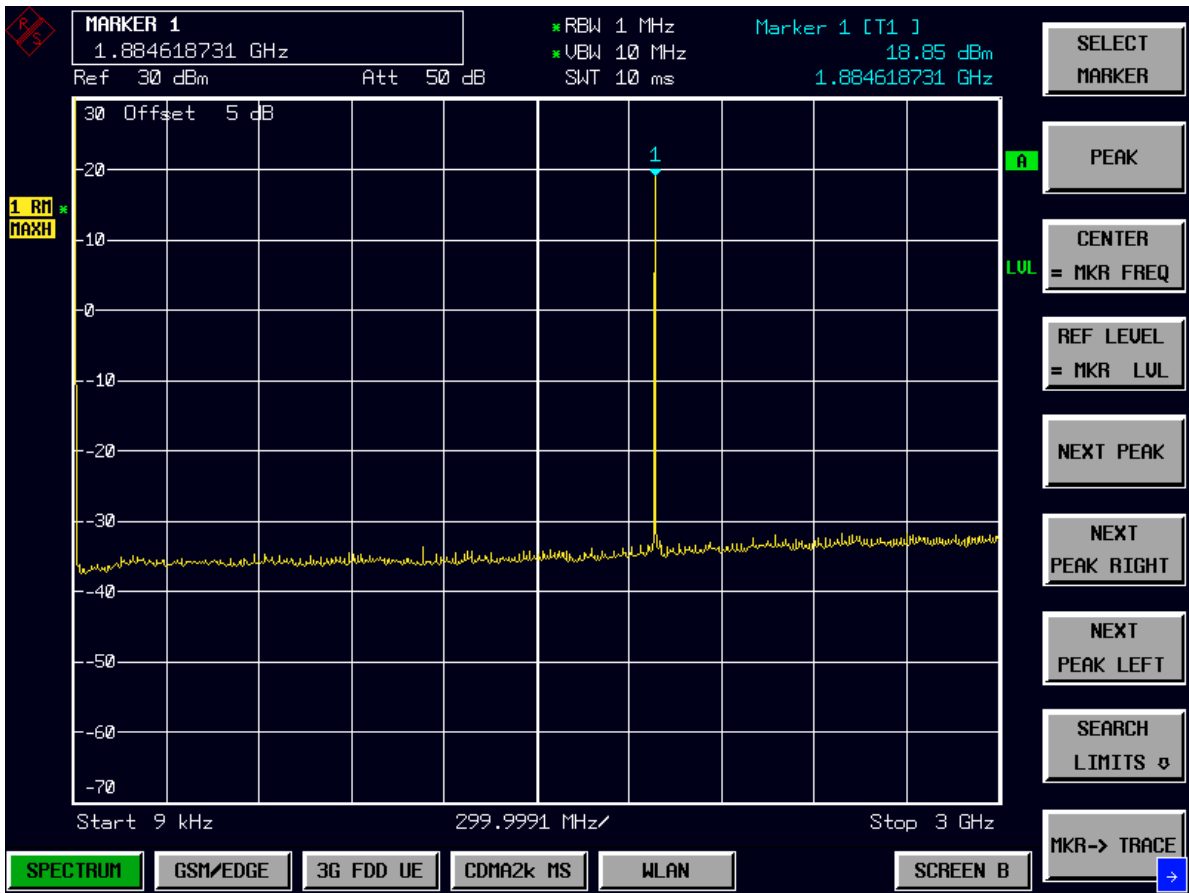
TM3

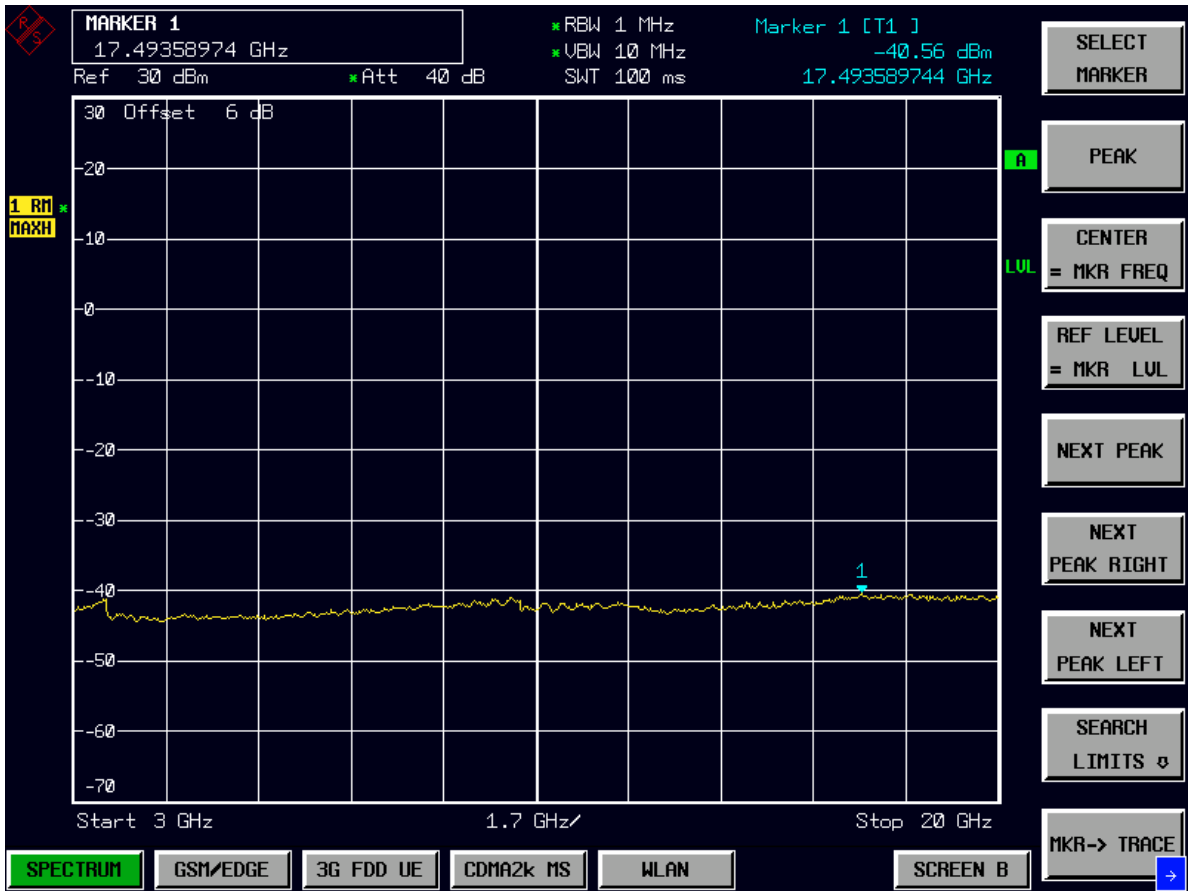
Channel 25

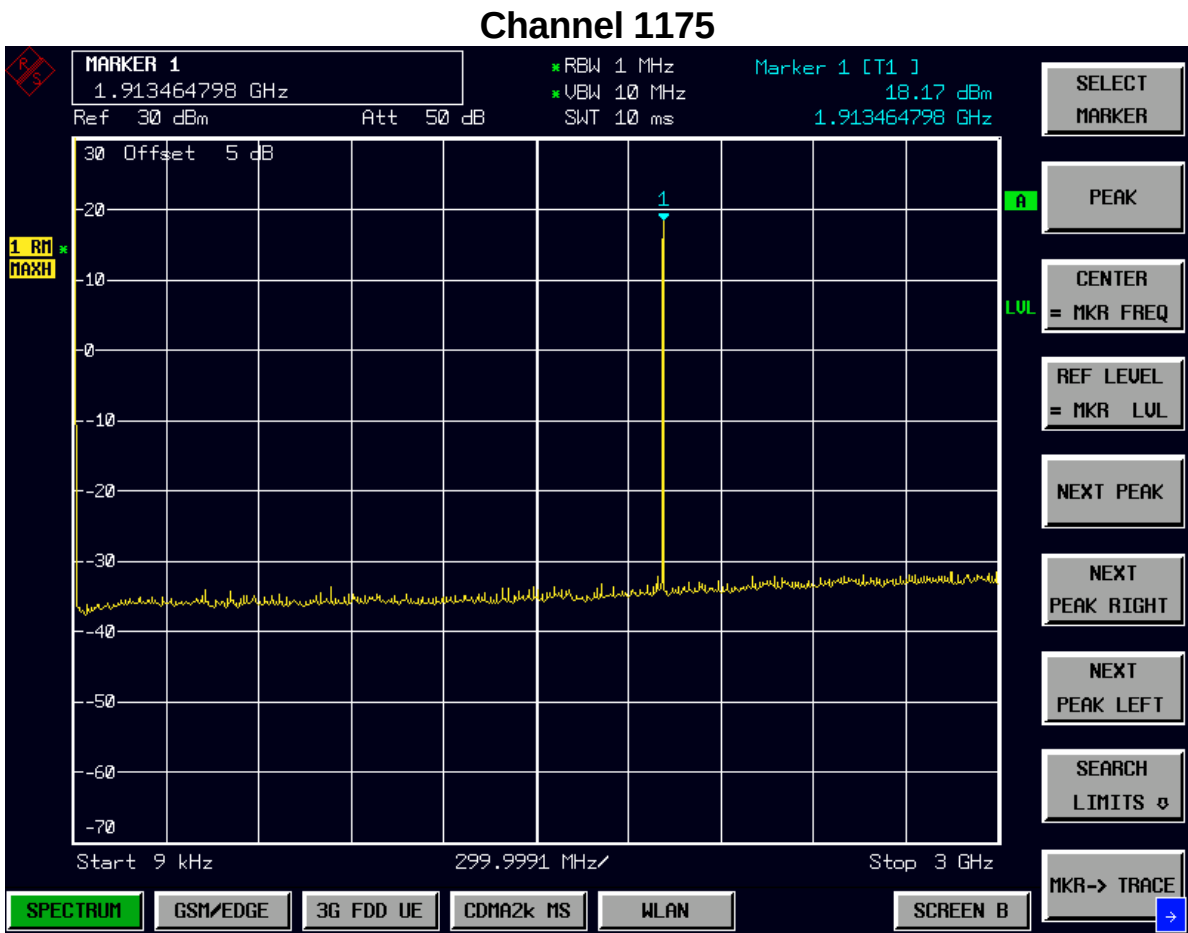


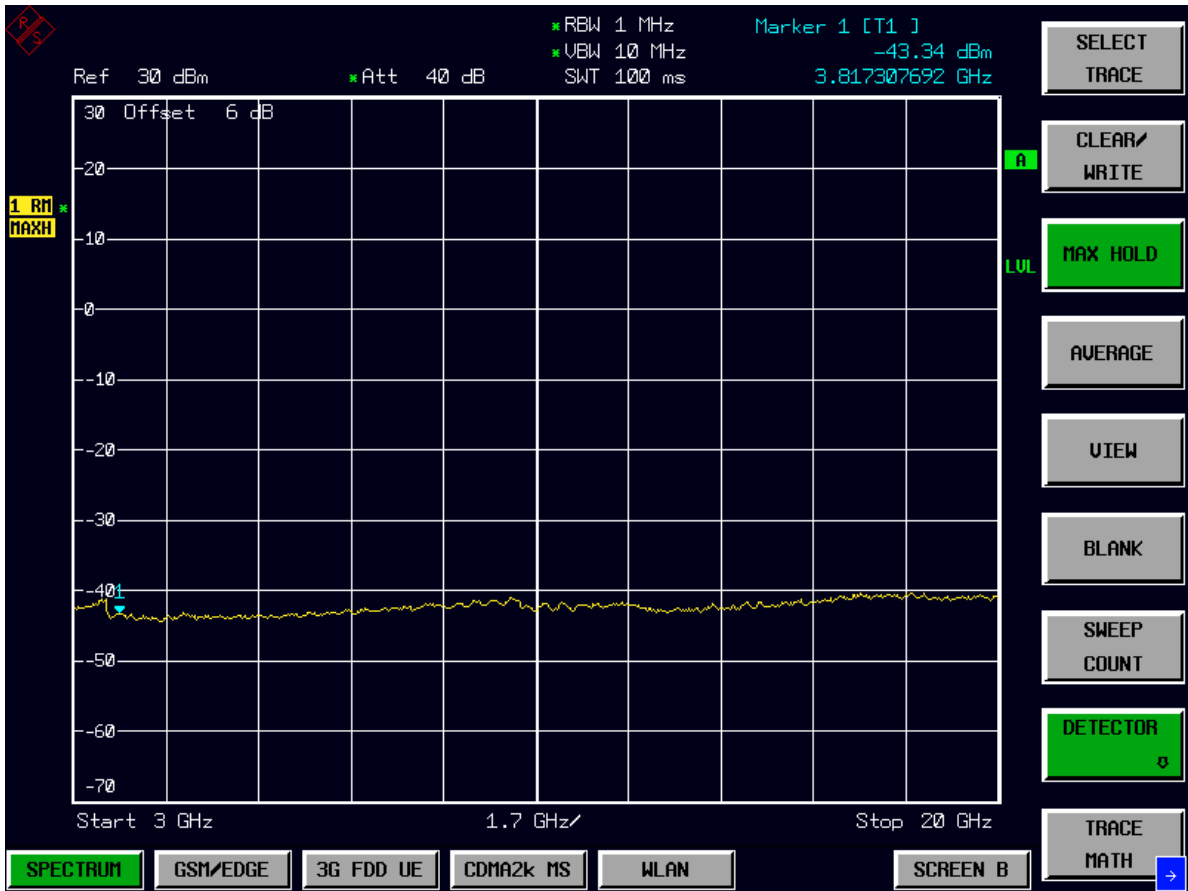


Channel 600





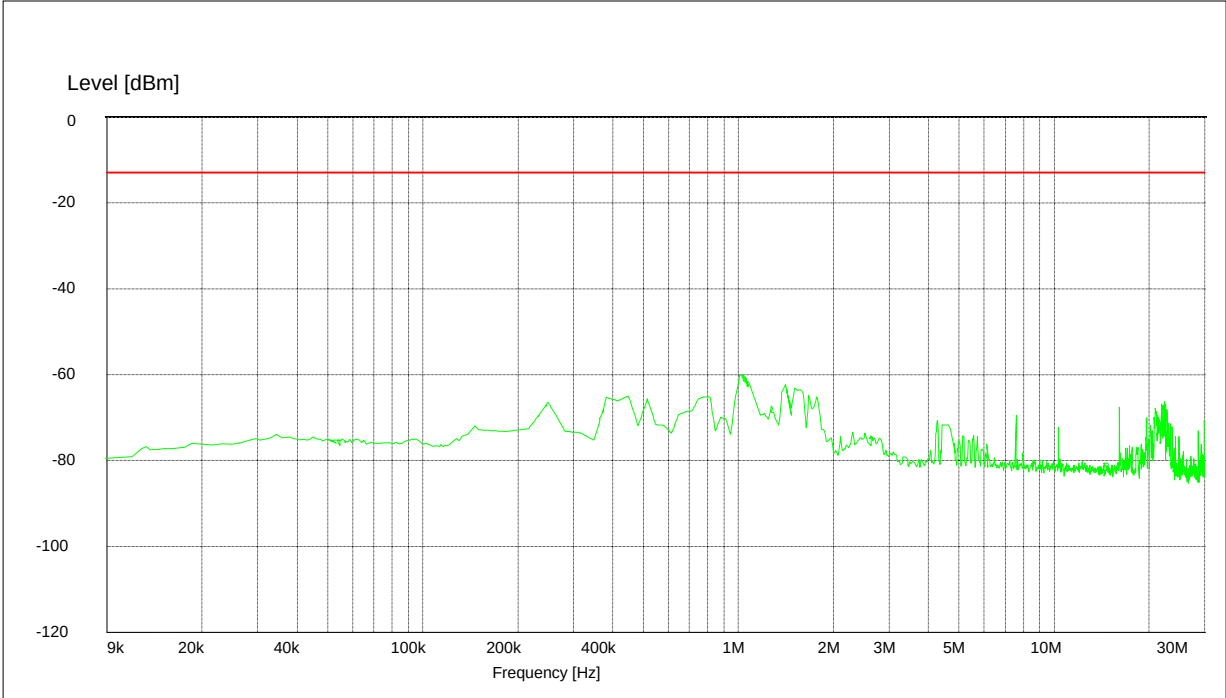




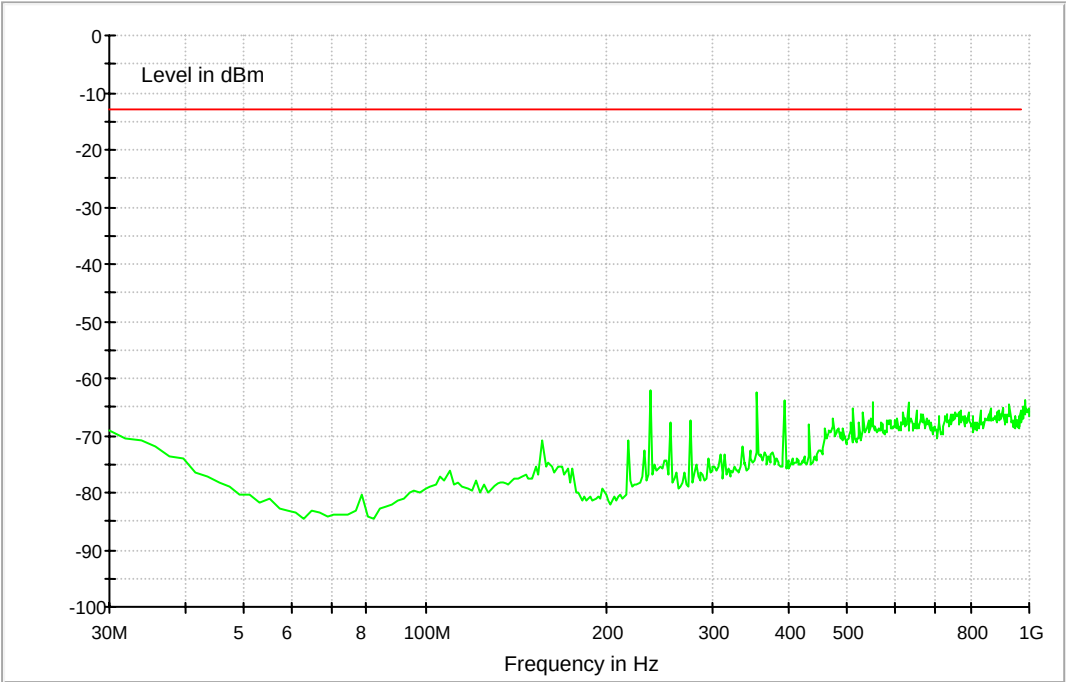
Appendix F

Radiated Spurious Emission According to FCC Part 2.1053 & 24.238

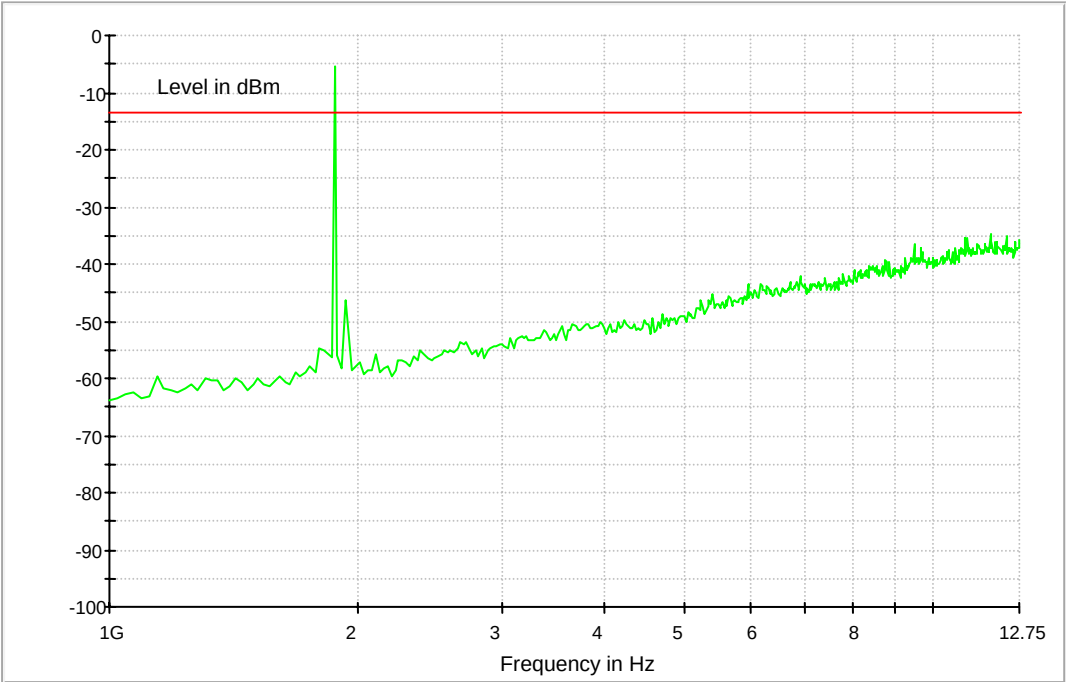
Traffic Mode (9kHz-30MHz)



Traffic Mode (30MHz-1GHz)

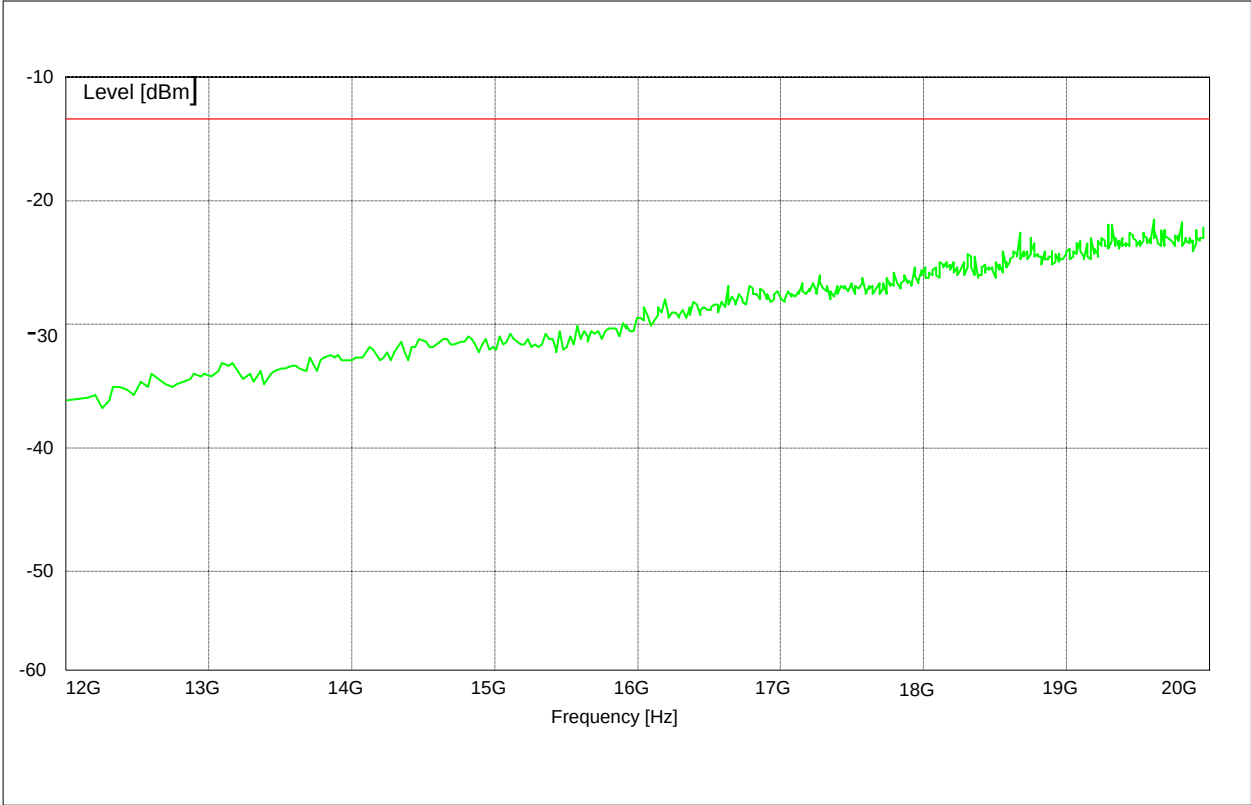


Traffic Mode (1GHz-12.75GHz)

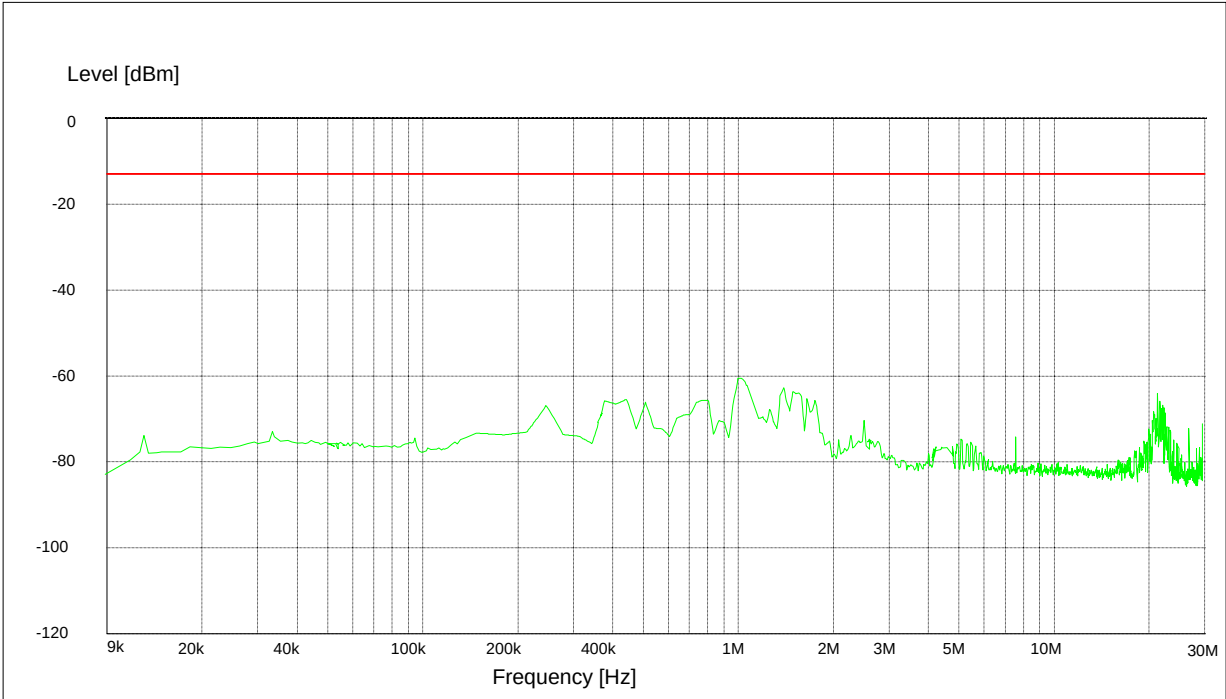


Note: The frequency which exceeded the limit was the carrier frequency.

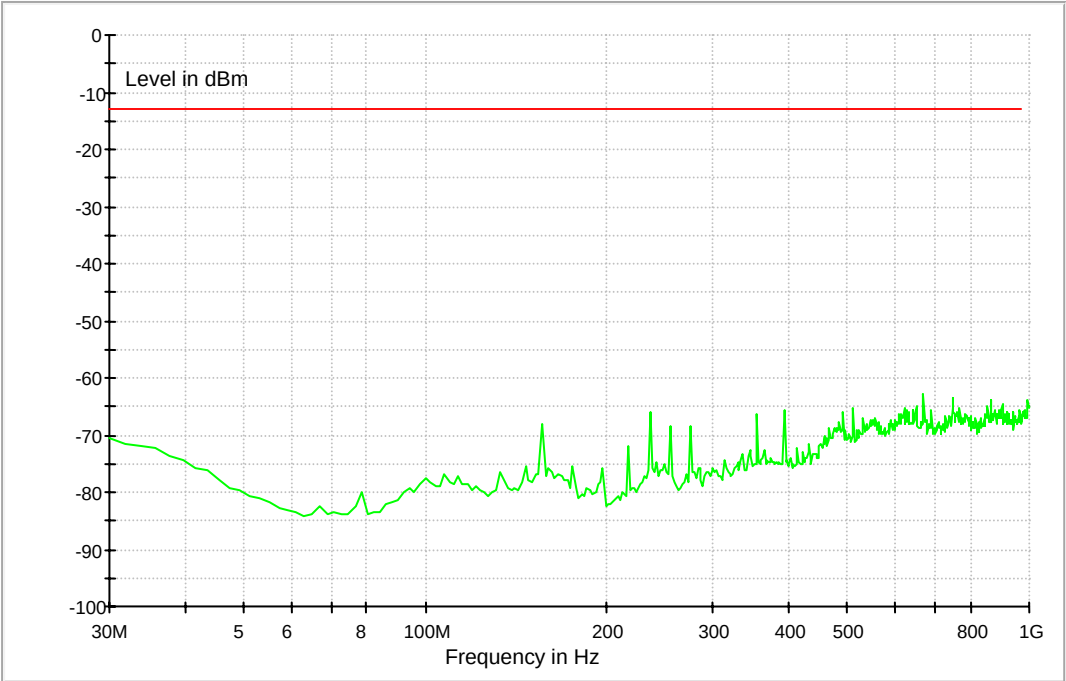
Traffic Mode (12GHz-20GHz)



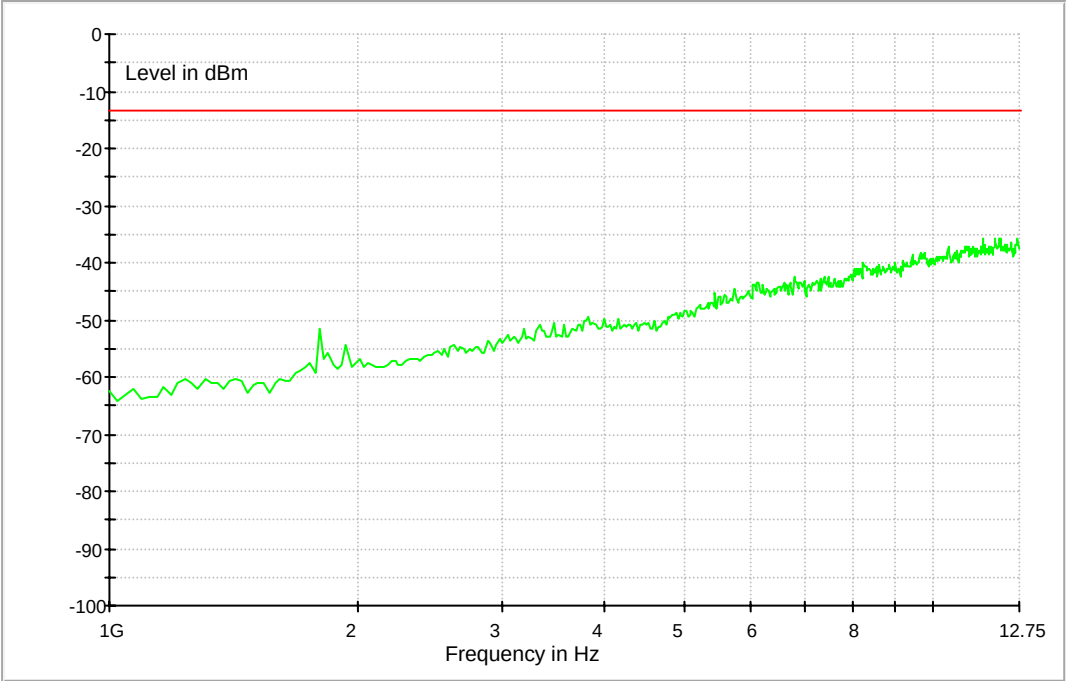
IDLE Mode (9 kHz-30MHz)



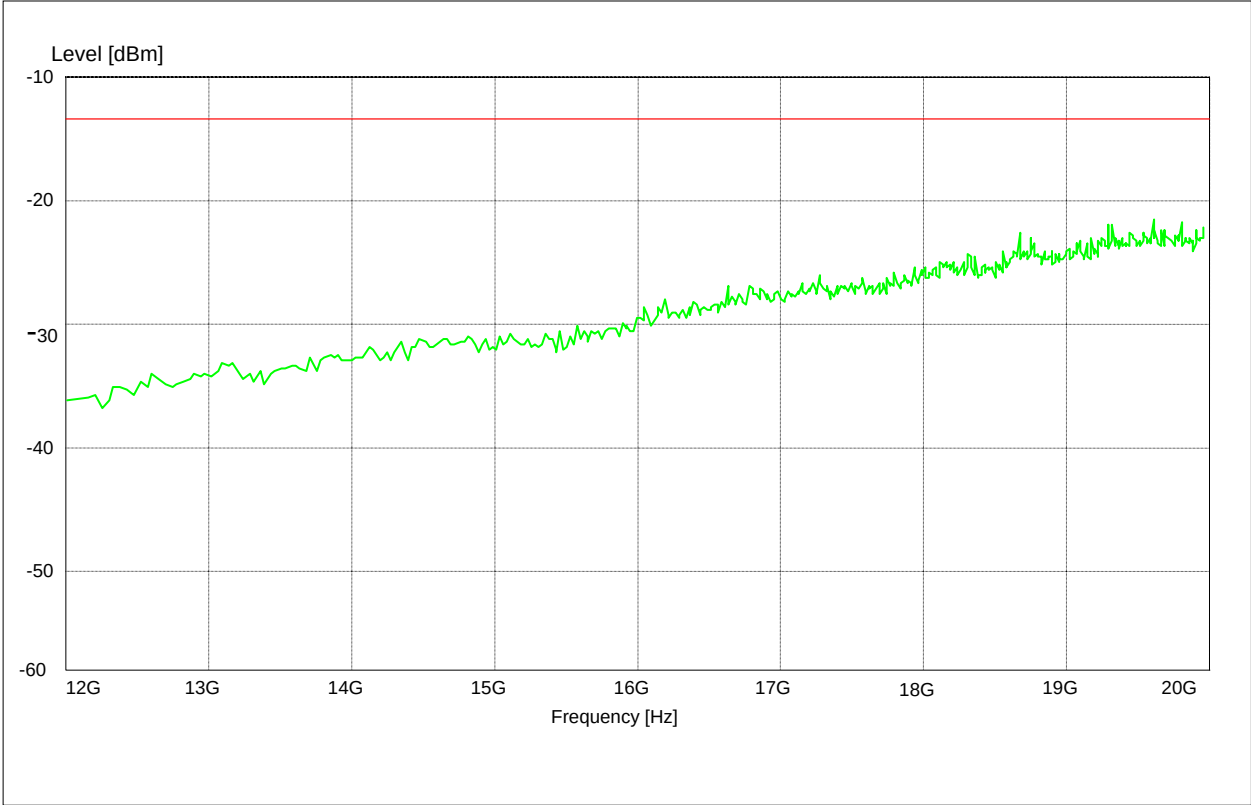
IDLE Mode (30MHz-1GHz)



IDLE Mode (1GHz-12.75GHz)

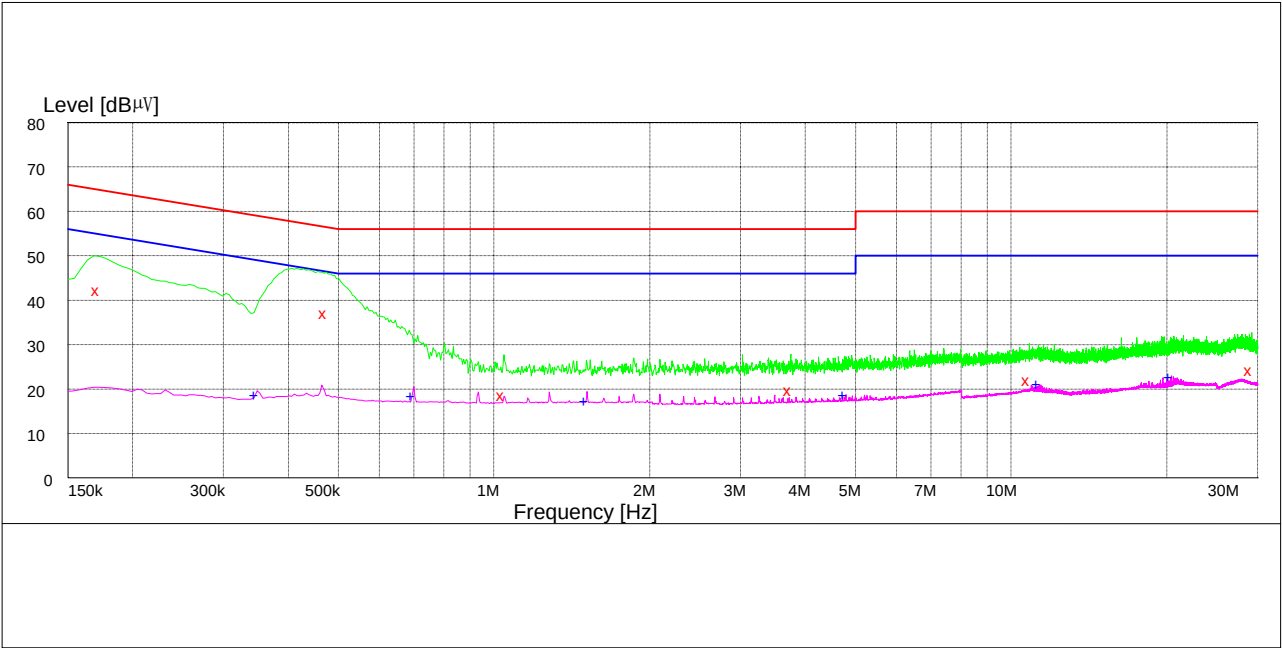


IDLE Mode (12GHz-20GHz)



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
0.172500	42.60	1.8	64.5	21.9	N	FLO
0.474000	37.50	0.7	56	18.5	L2	FLO
1.045500	19.10	0.5	56	36.9	N	FLO
3.750000	20.10	0.5	56	35.9	L2	FLO
10.851000	22.40	2.4	60	37.6	L2	FLO
29.247000	24.70	3.1	60	35.3	N	FLO

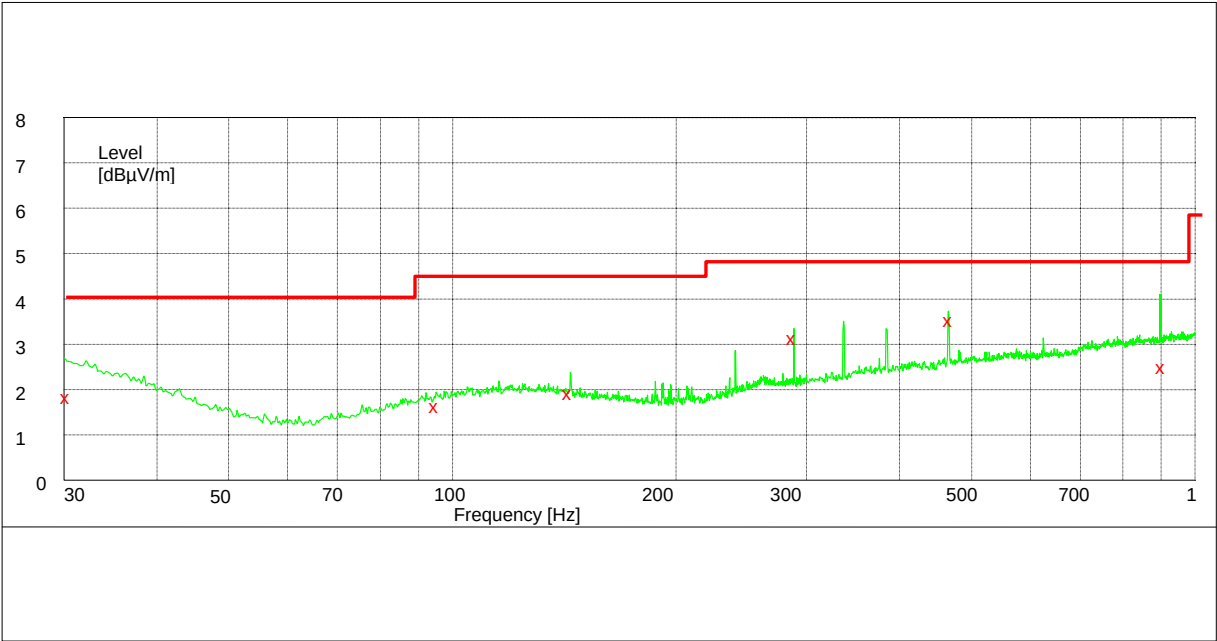
MEASUREMENT RESULT: "AV DECTER"

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.348000	19.00	0.8	49	30.0	N	FLO
0.699000	18.80	0.7	46	27.2	N	FLO
1.513500	17.80	0.6	46	28.2	N	FLO
4.794000	19.10	0.5	46	27.0	N	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
30.360000	19.00	-2.7	40.0	21.0	100.0	0.00	HORIZONTAL
95.040000	16.90	-10.6	43.5	26.6	100.0	90.00	HORIZONTAL
144.000000	20.00	-9.6	43.5	23.5	100.0	180.00	HORIZONTAL
288.000000	32.00	-7.1	46.0	14.0	100.0	270.00	HORIZONTAL
468.780000	36.00	-4.1	46.0	10.0	300.0	90.00	VERTICAL
904.500000	25.60	0.7	46.0	20.4	100.0	180.00	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