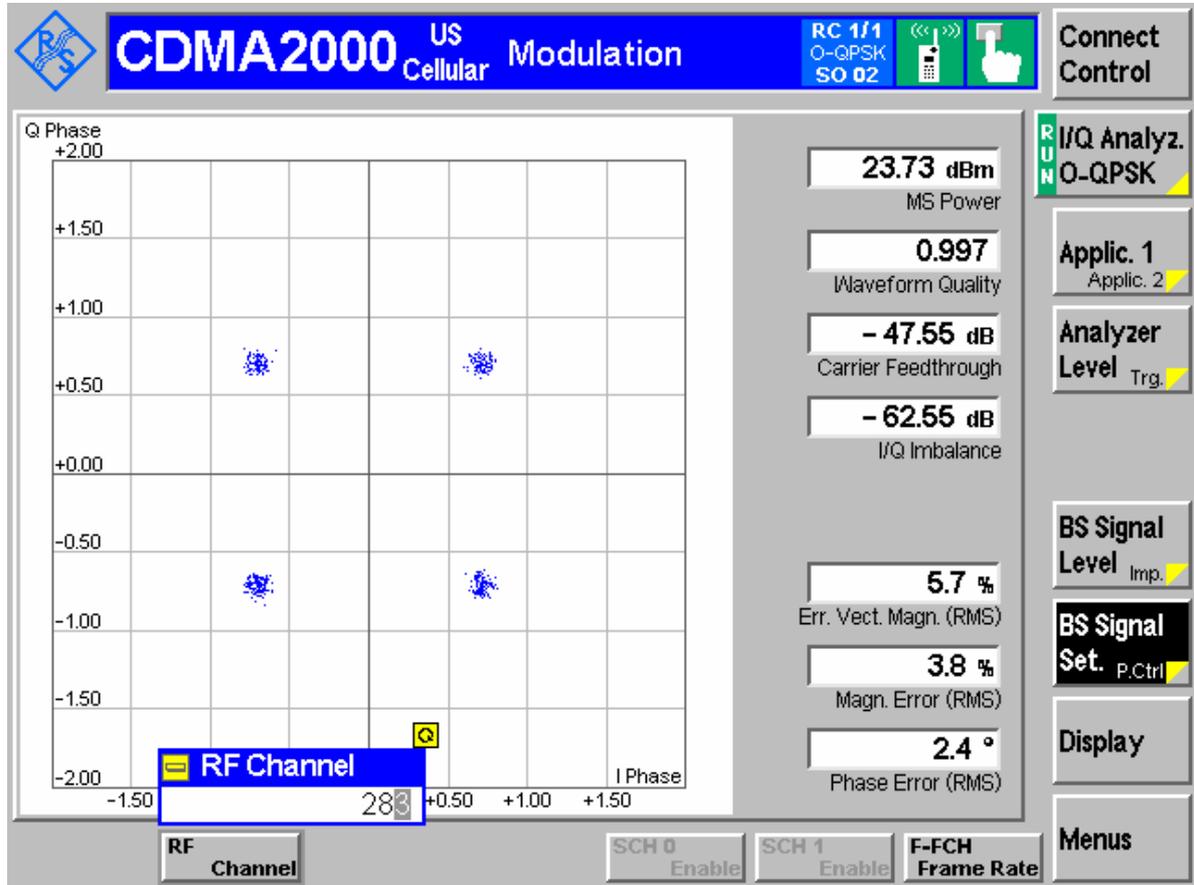


Appendix A

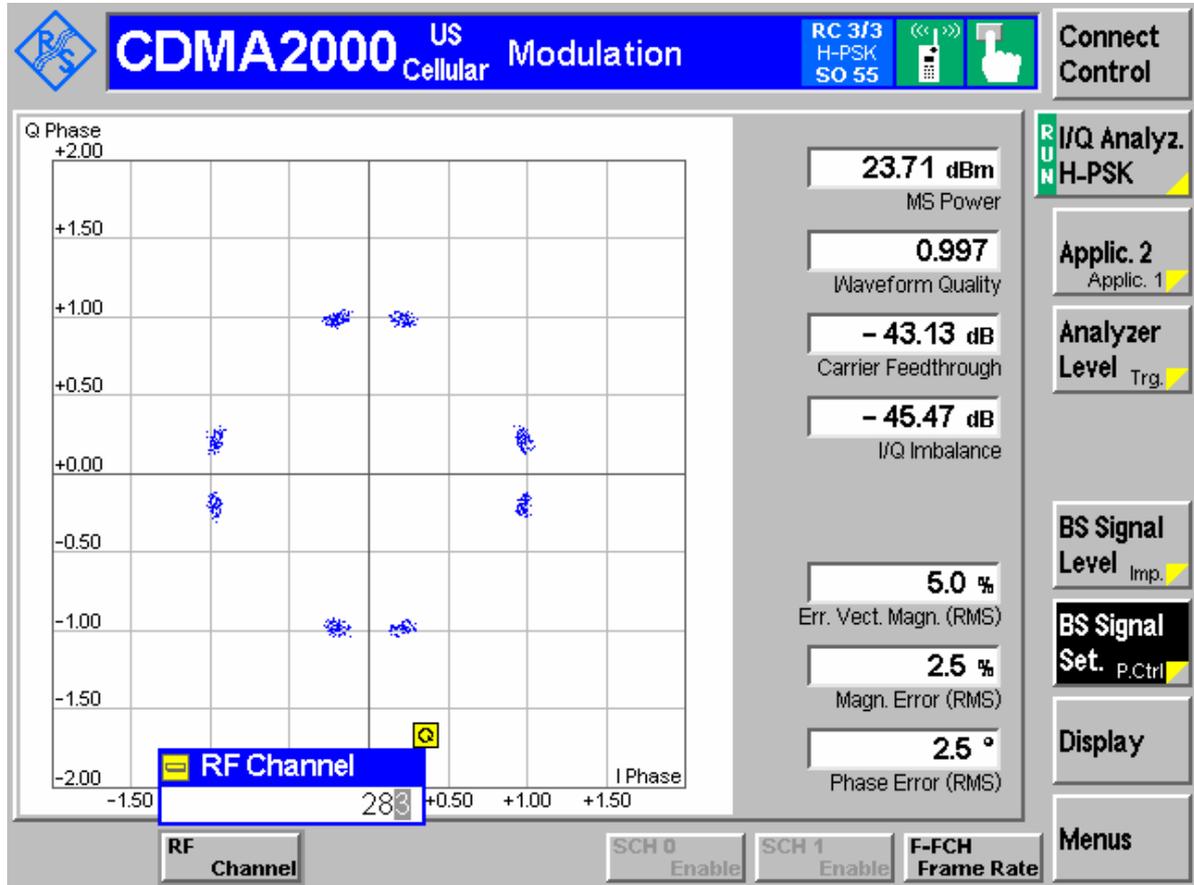
Modulation Characteristics

According to FCC Part 2.1047 & Part22 Subpart H

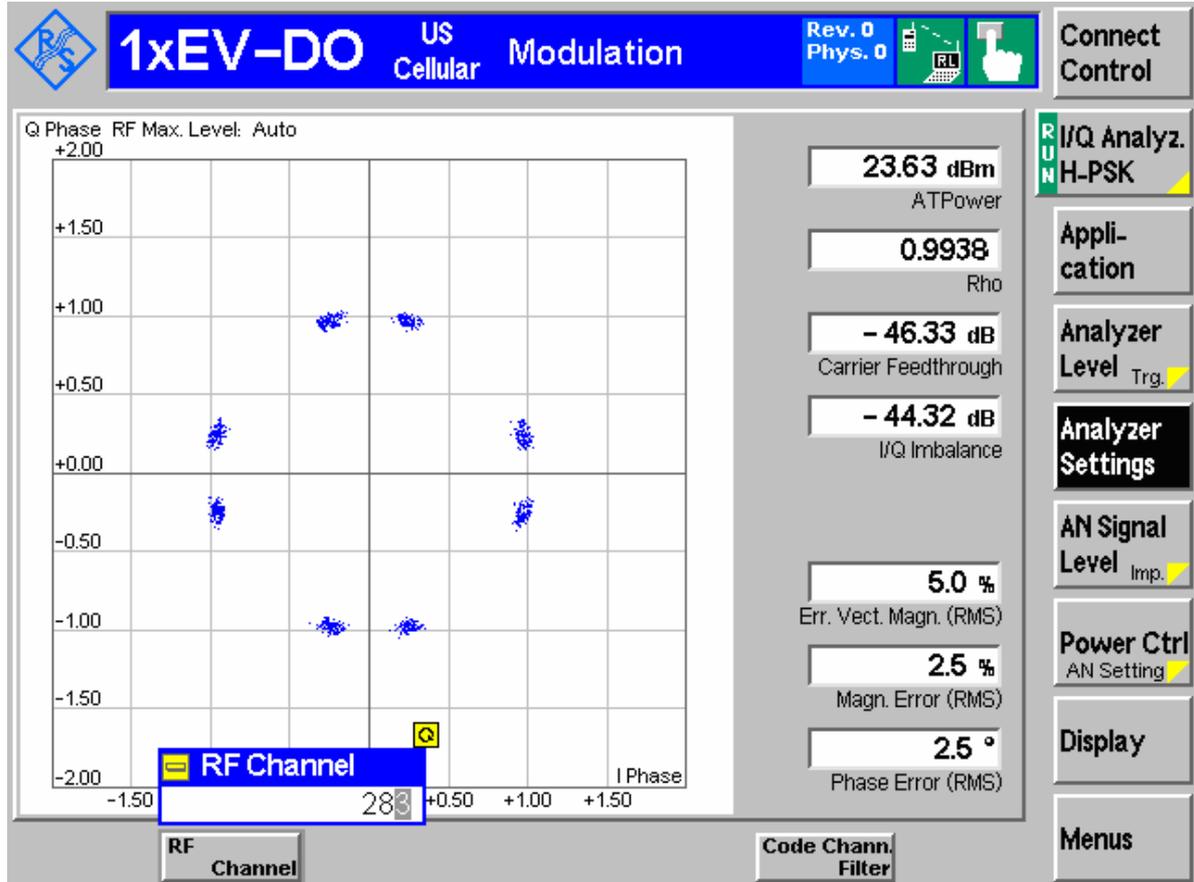
Channel 283 (TM1)



Channel 283 (TM3)



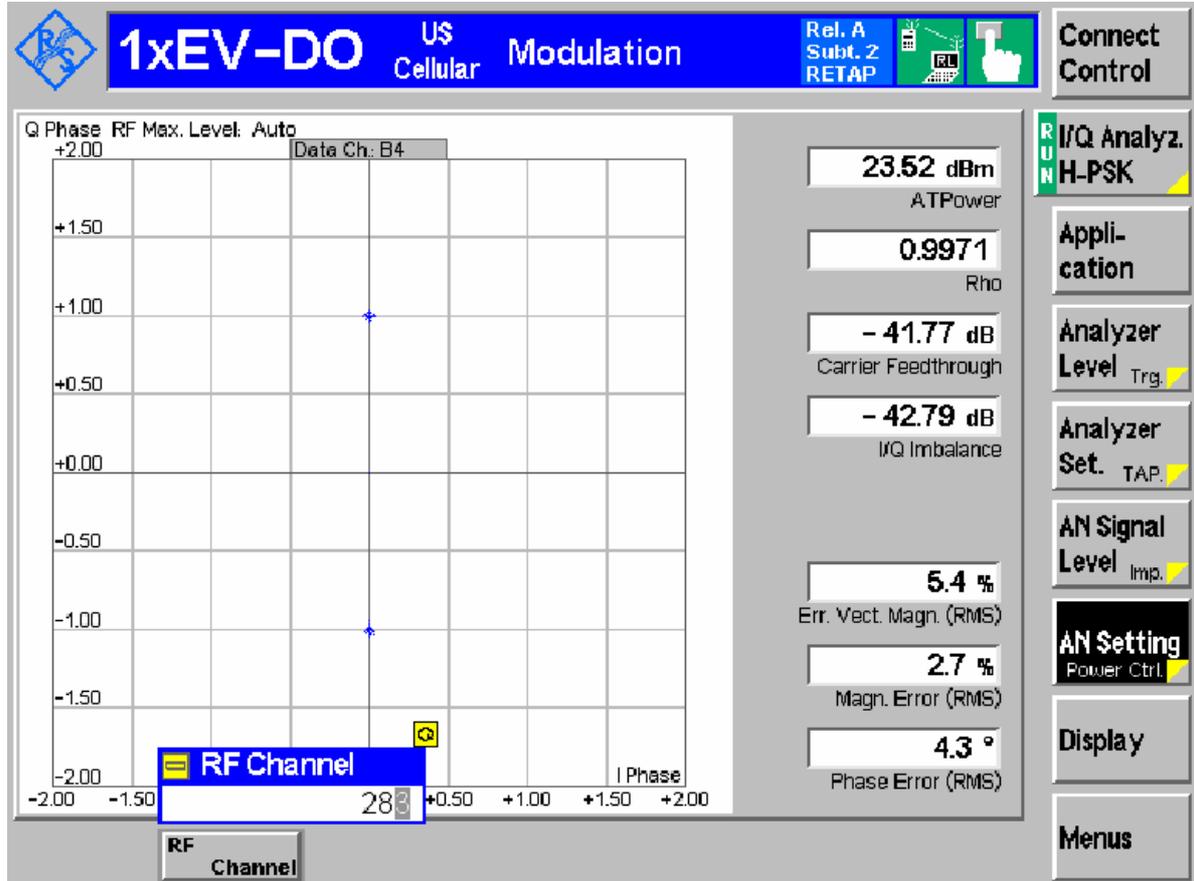
Channel 283 (Subtype 0) (HPSK)



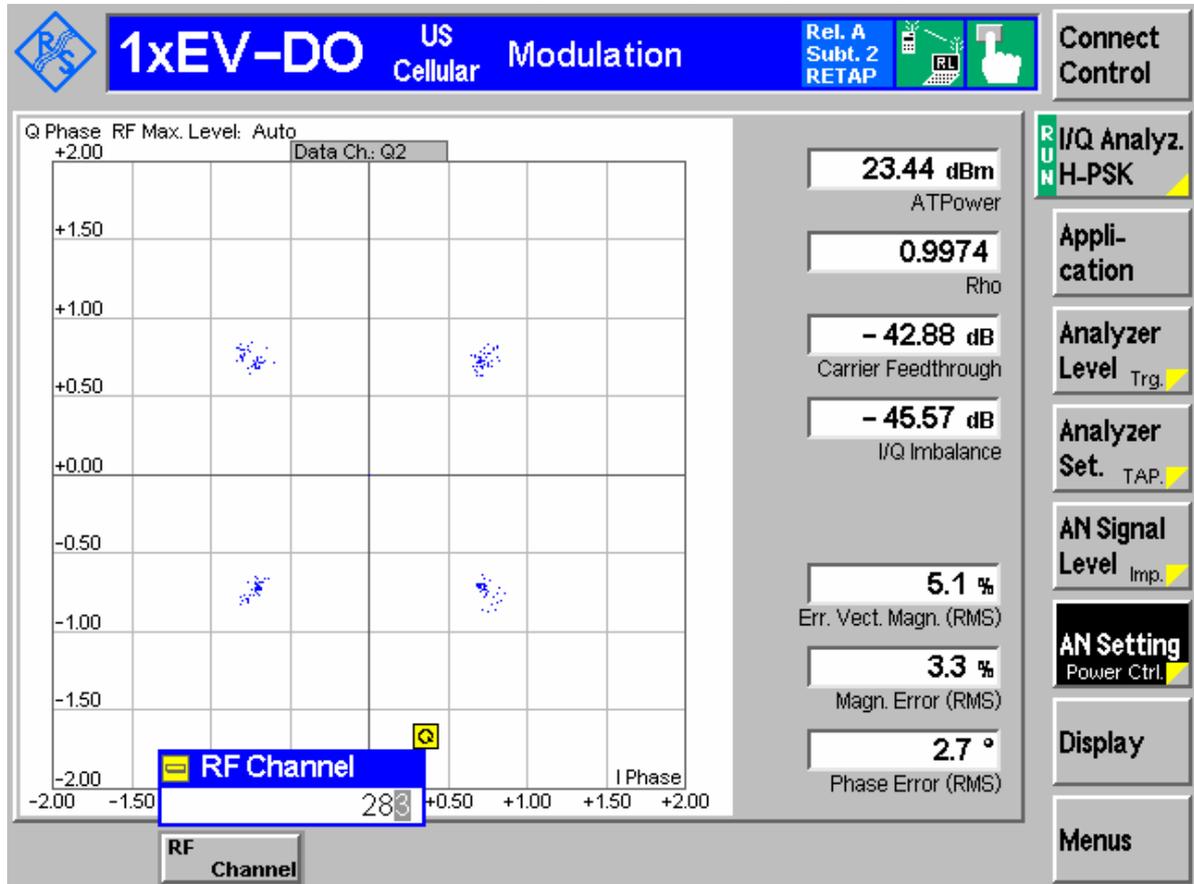
Channel 283 (Subtype 2)

The R-Data packet size determines the modulation format :

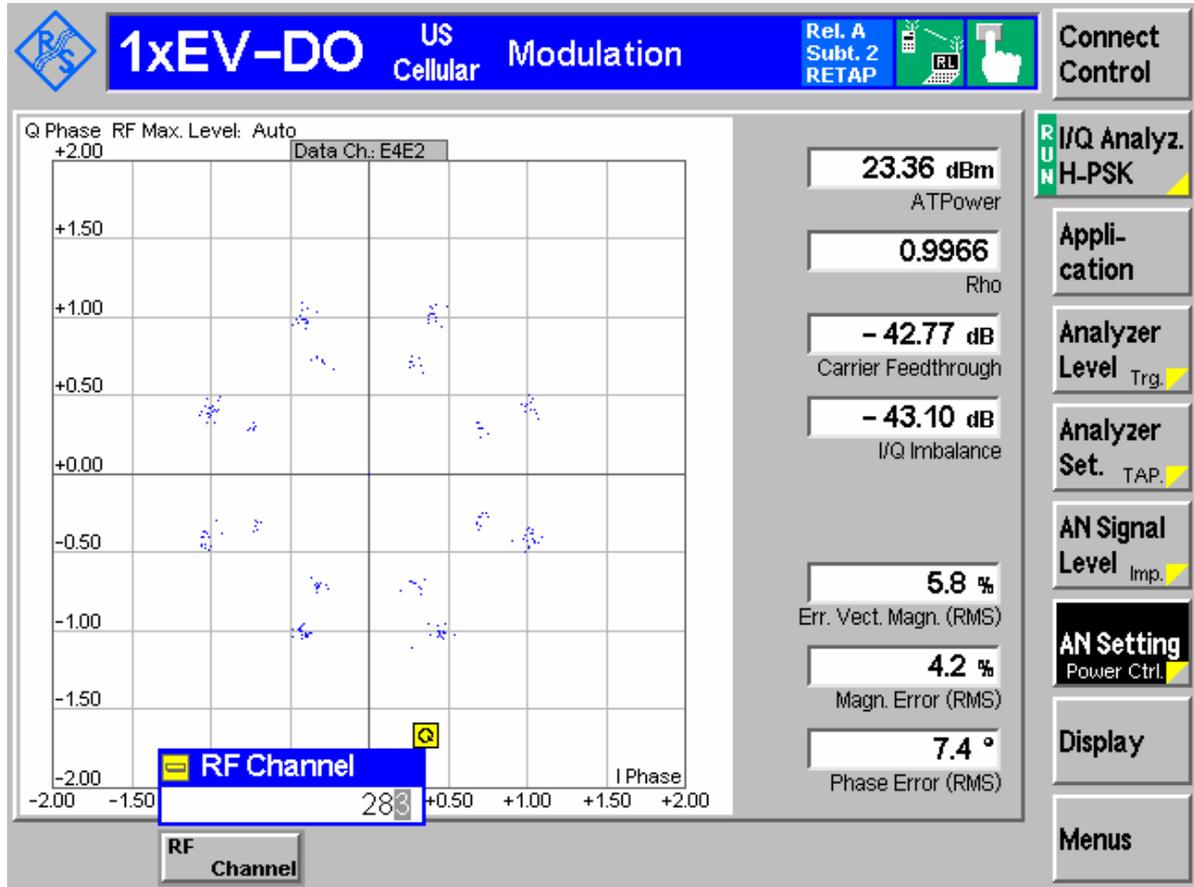
R-Data Pkt Size (256 bits) (BPSK)



R-Data Pkt Size (4096 bits) (QPSK)



R-Data Pkt Size (12288 bits) (8PSK)

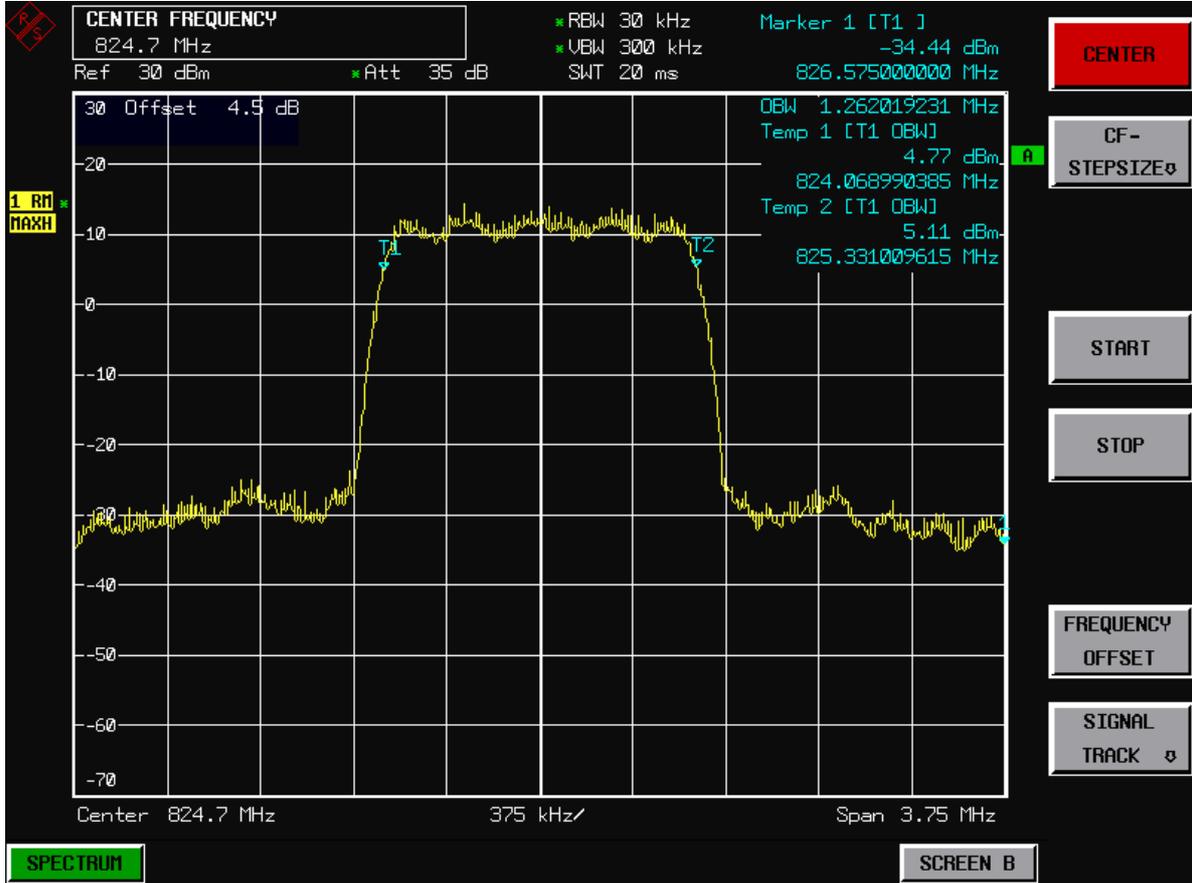


Appendix B

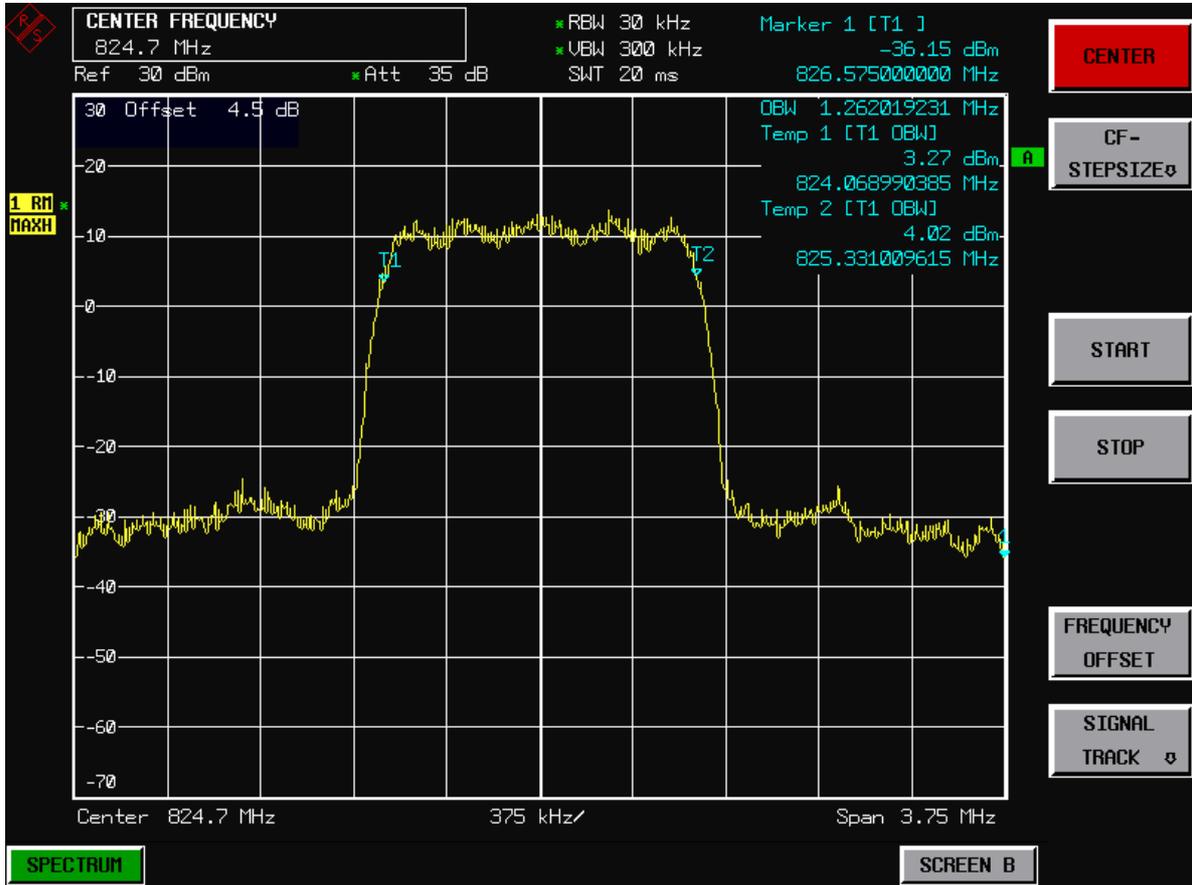
Occupied Bandwidth

According to FCC Part 2.1049 & Part 22 Subpart H

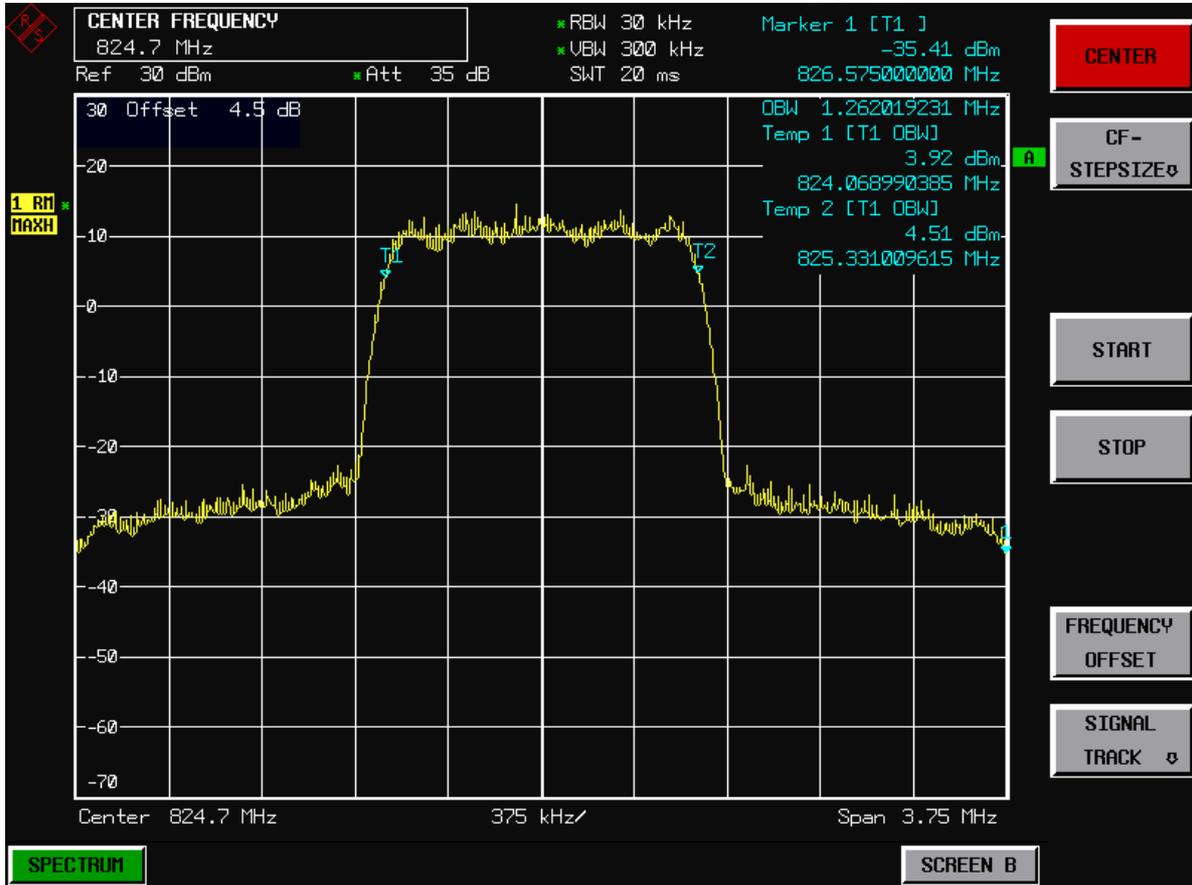
Channel 1013 (TM1)



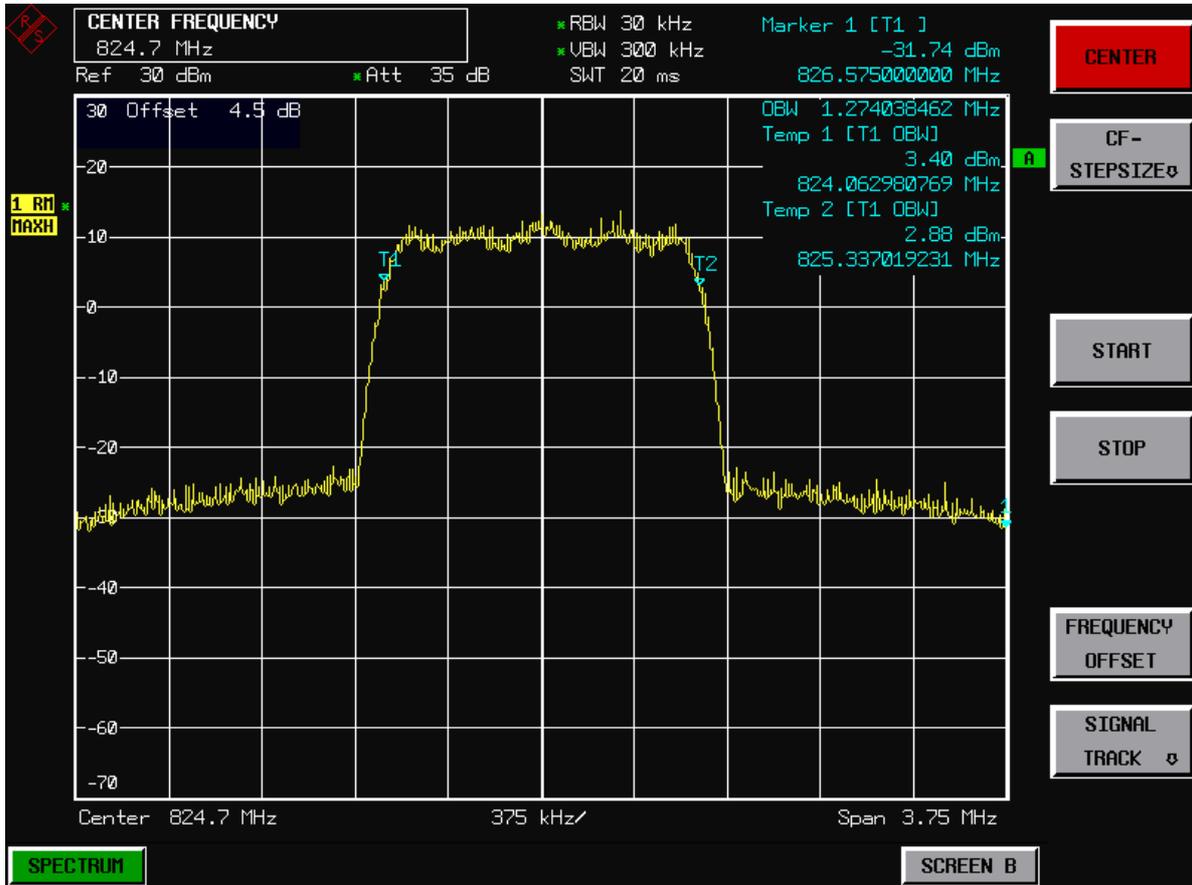
Channel 1013 (TM3)



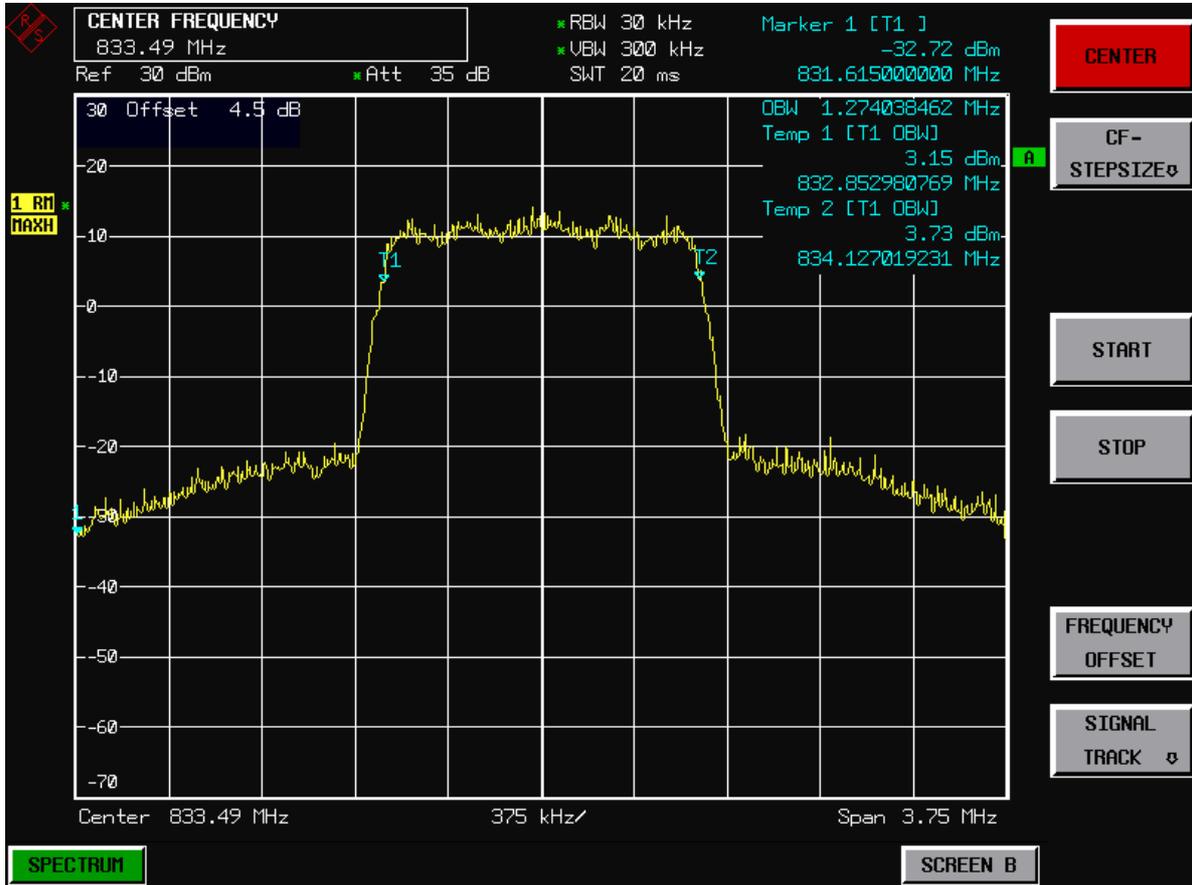
Channel 1013 (EVDO subtype 0)



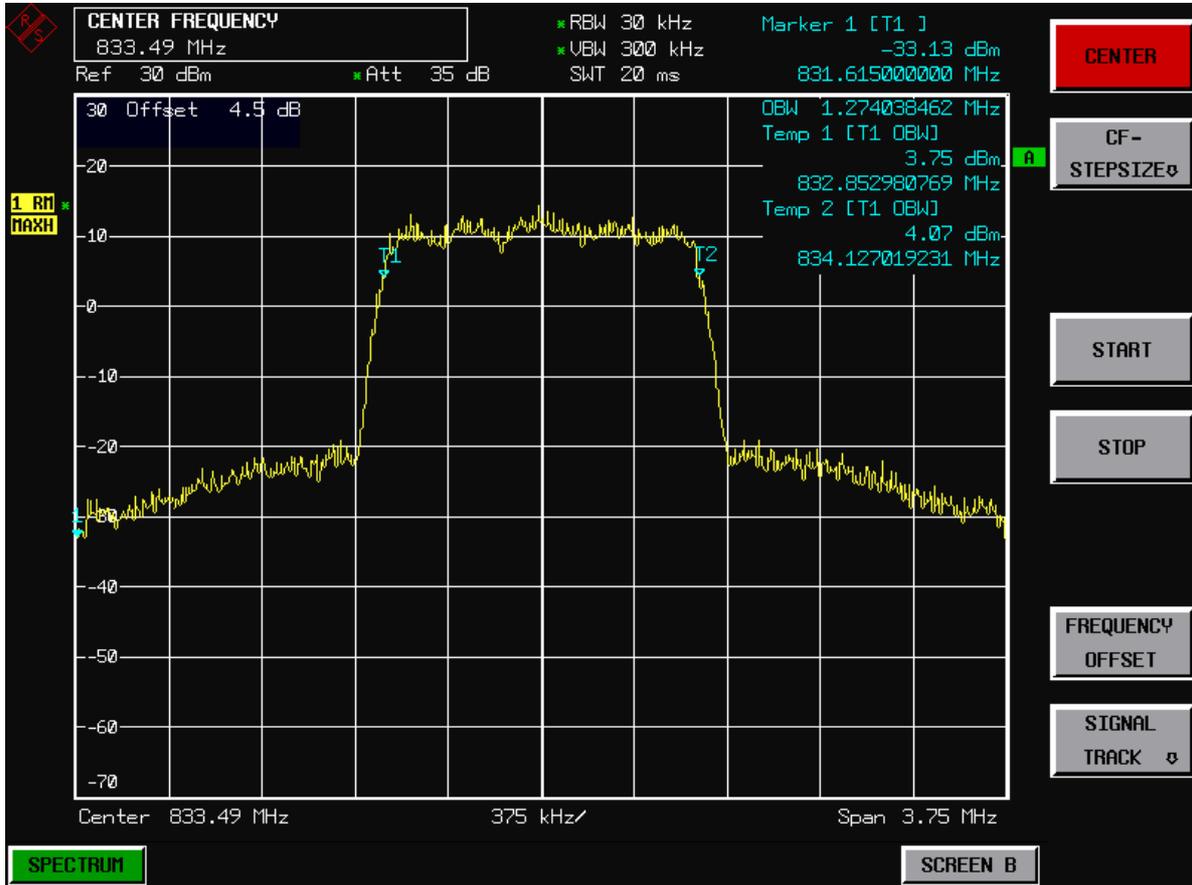
Channel 1013 (EVDO subtype 2)



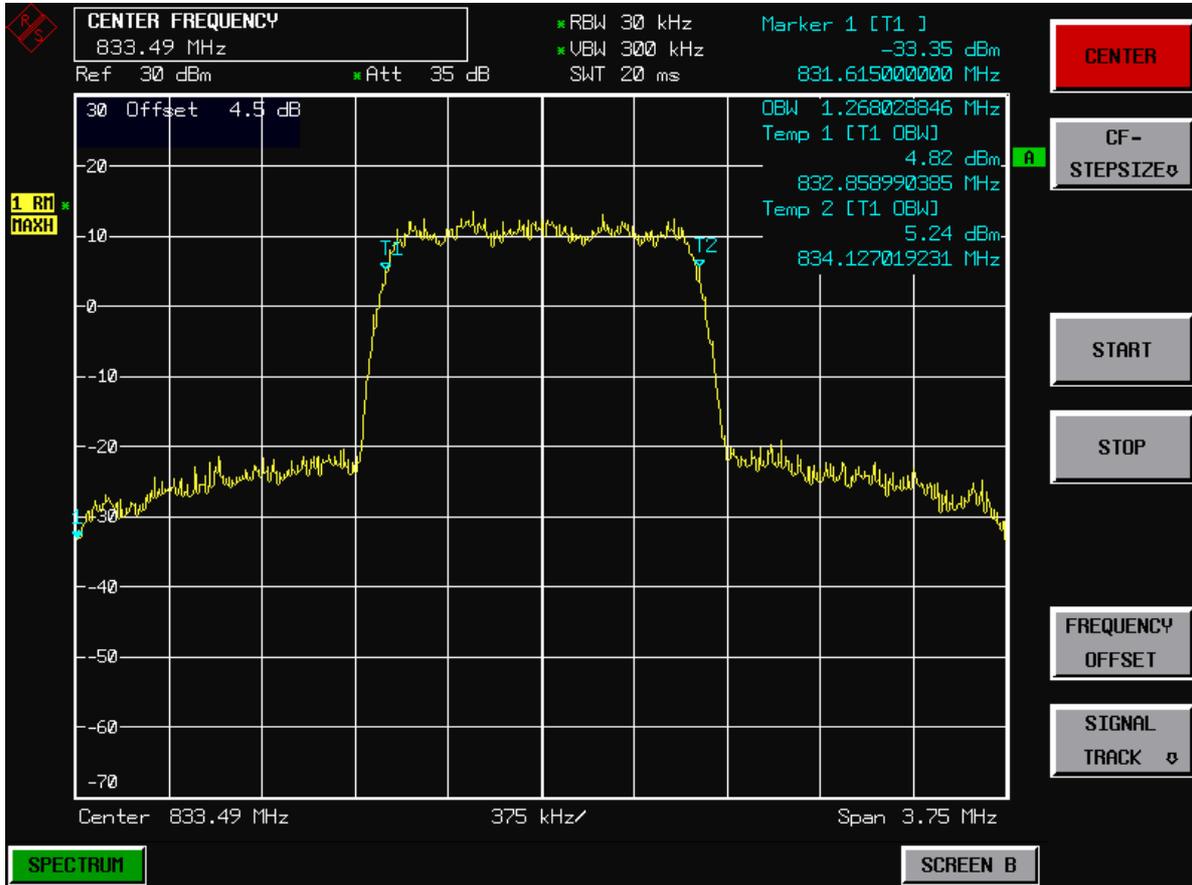
Channel 283 (TM1)



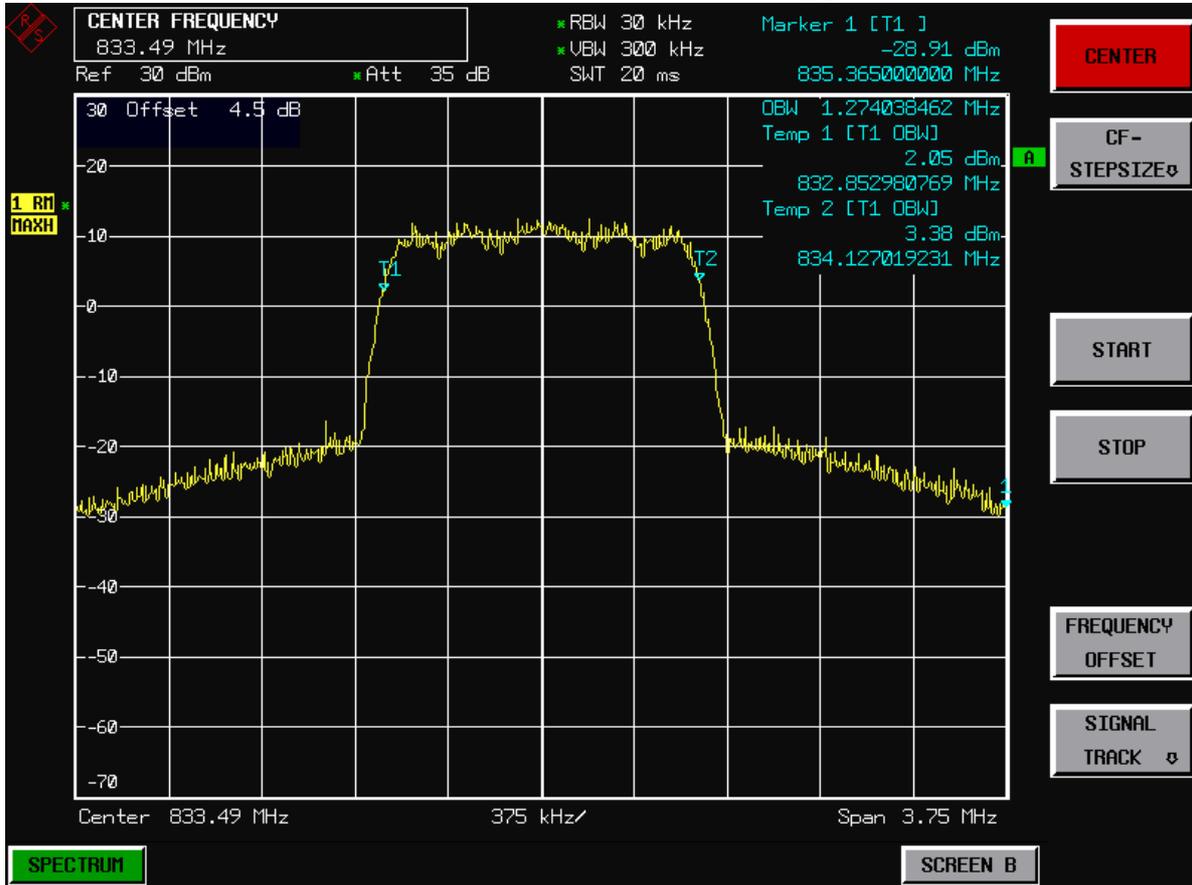
Channel 283 (TM3)



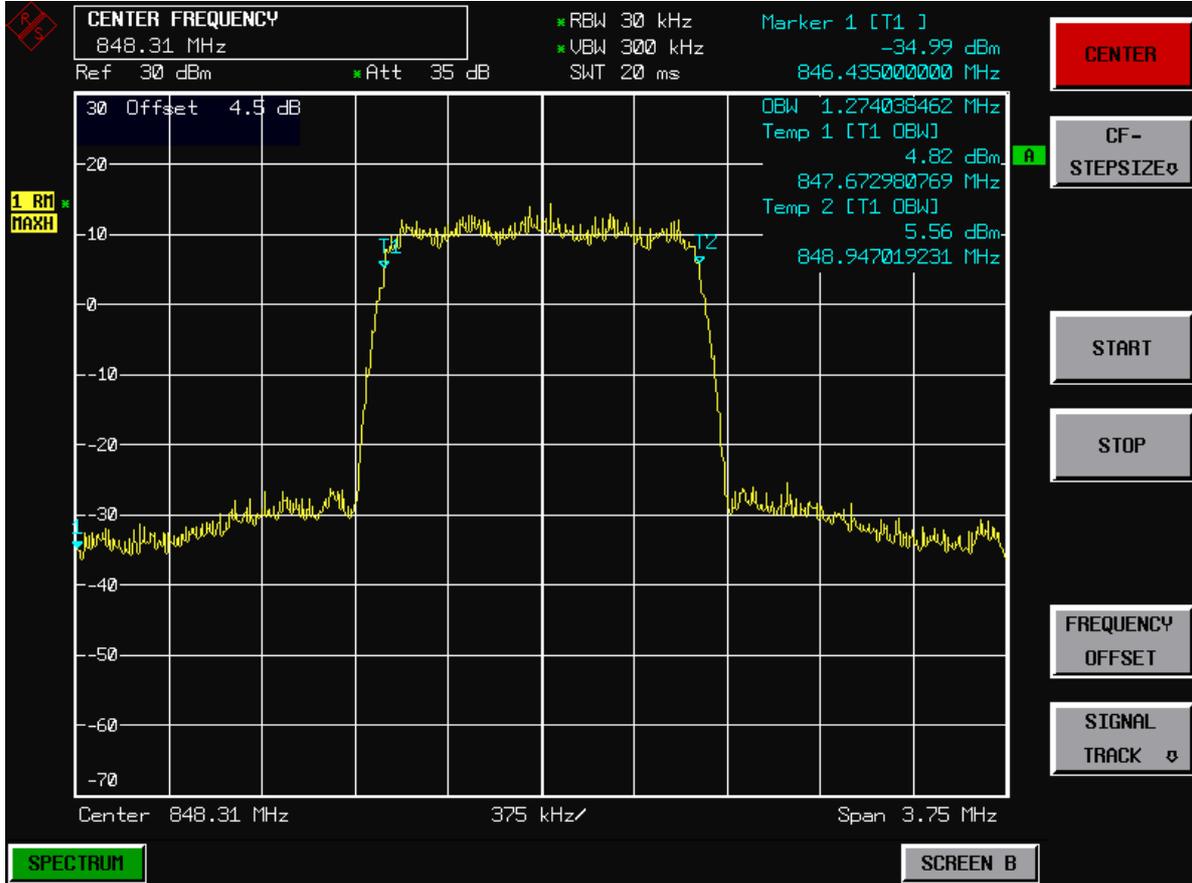
Channel 283 (EVDO release 0)



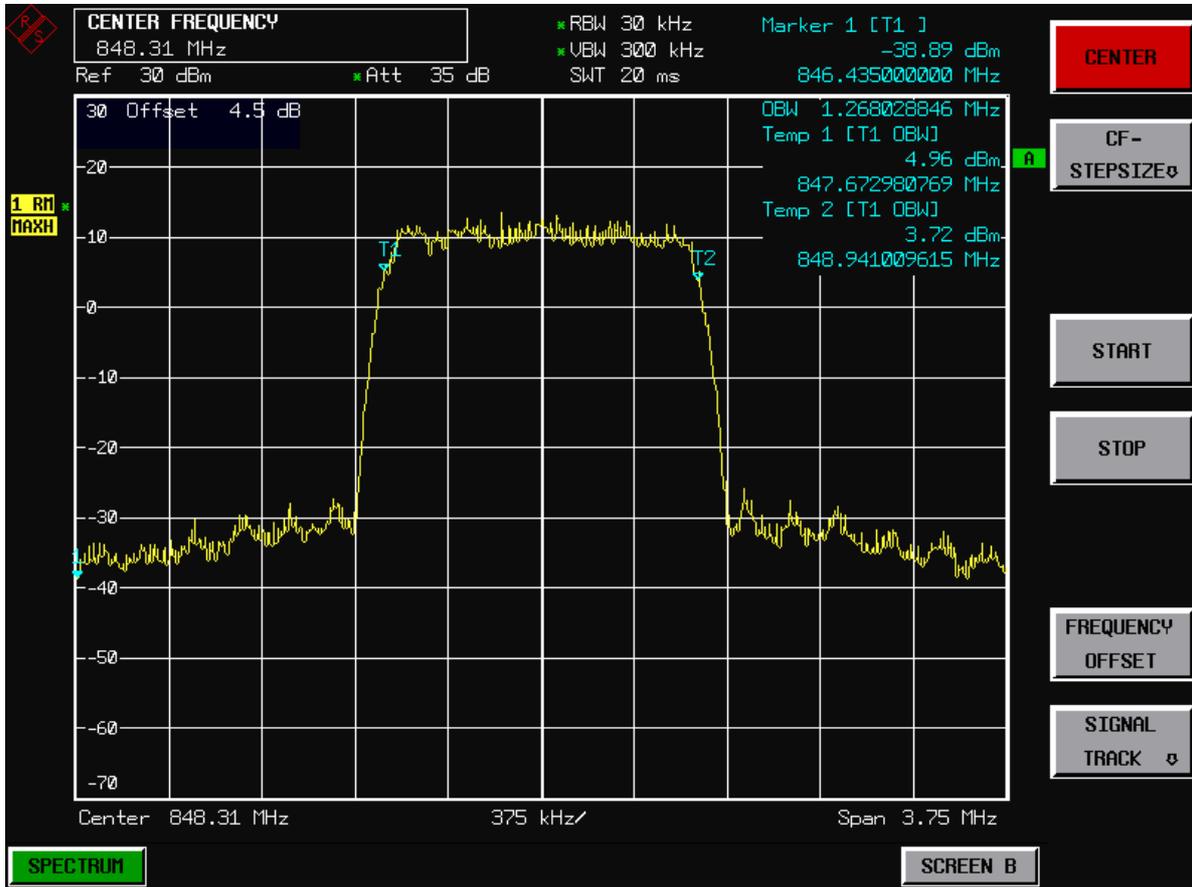
Channel 283 (EVDO Subtype 2)



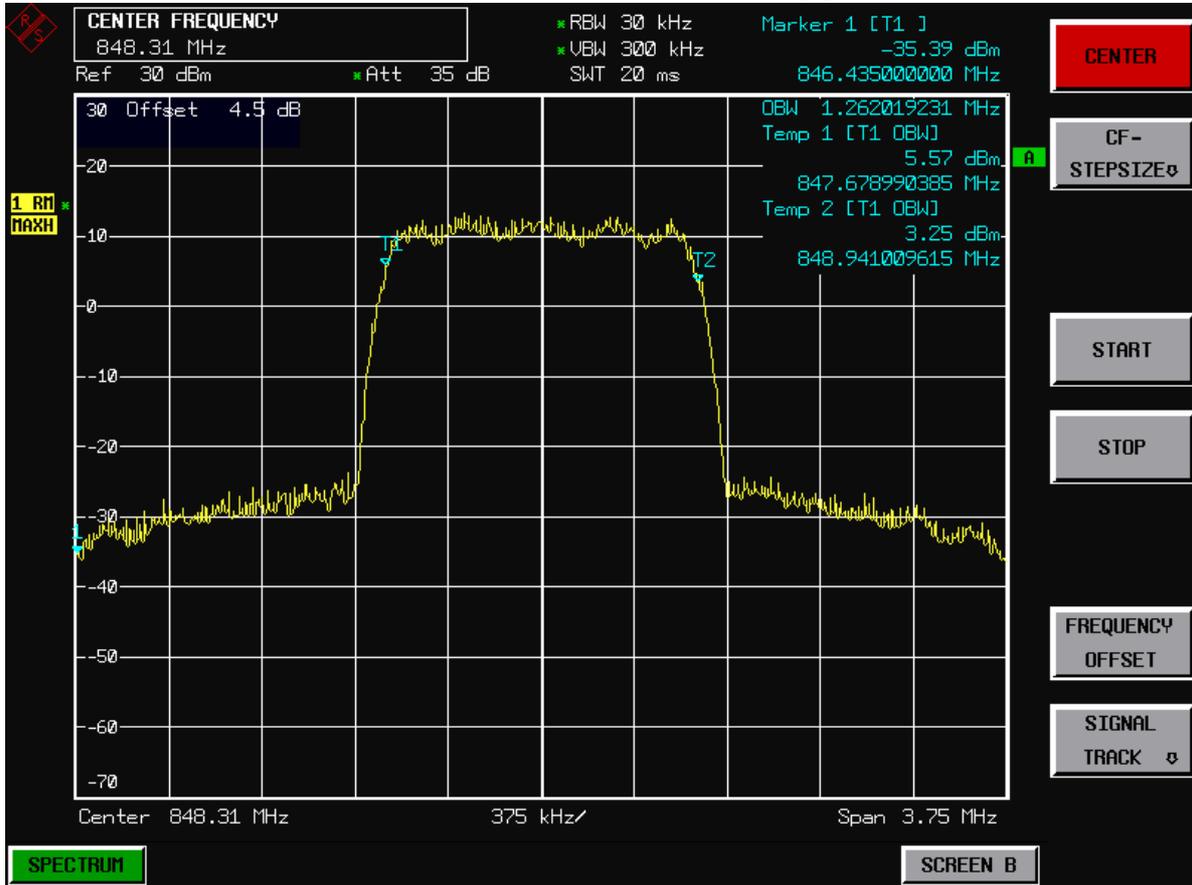
Channel 777 (TM1)



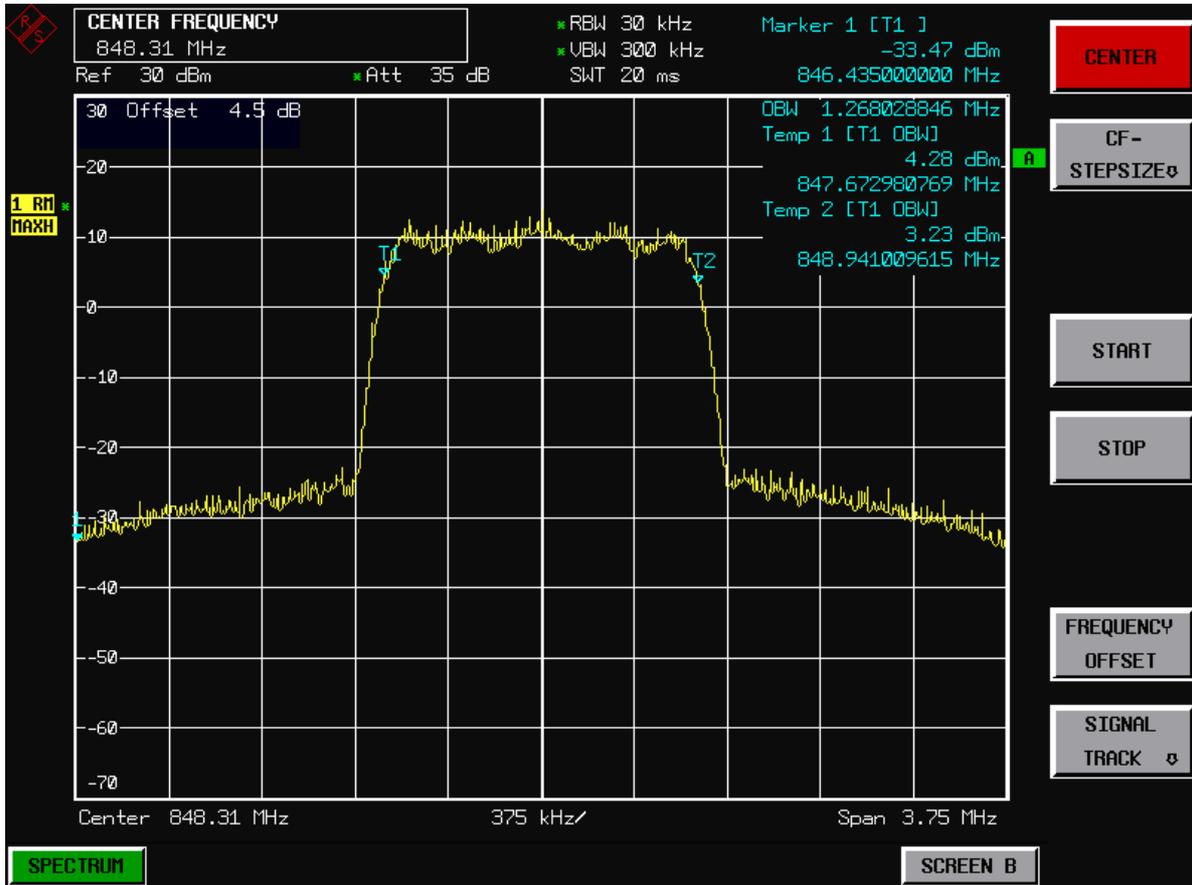
Channel 777 (TM3)



Channel 777 (EVDO subtype 0)



Channel 777 (EVDO Subtype 2)

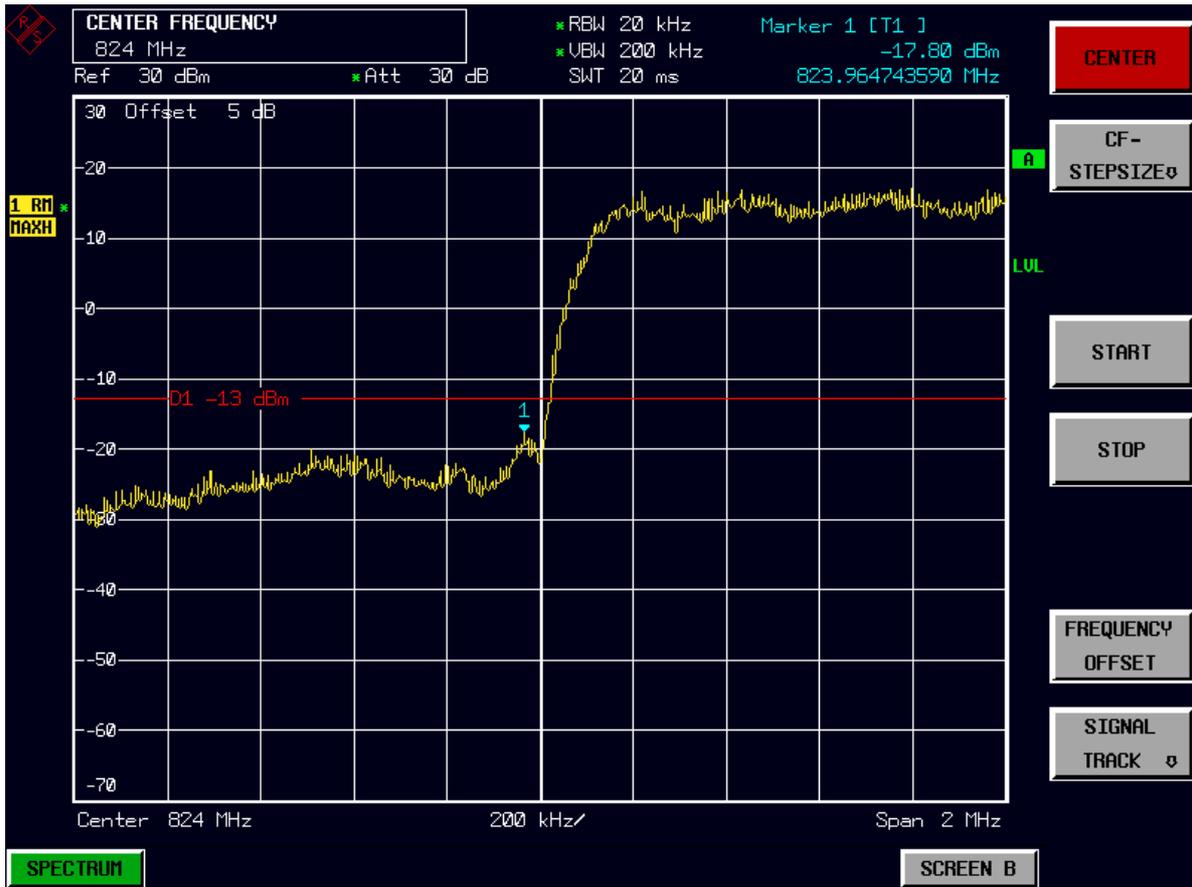


Appendix C

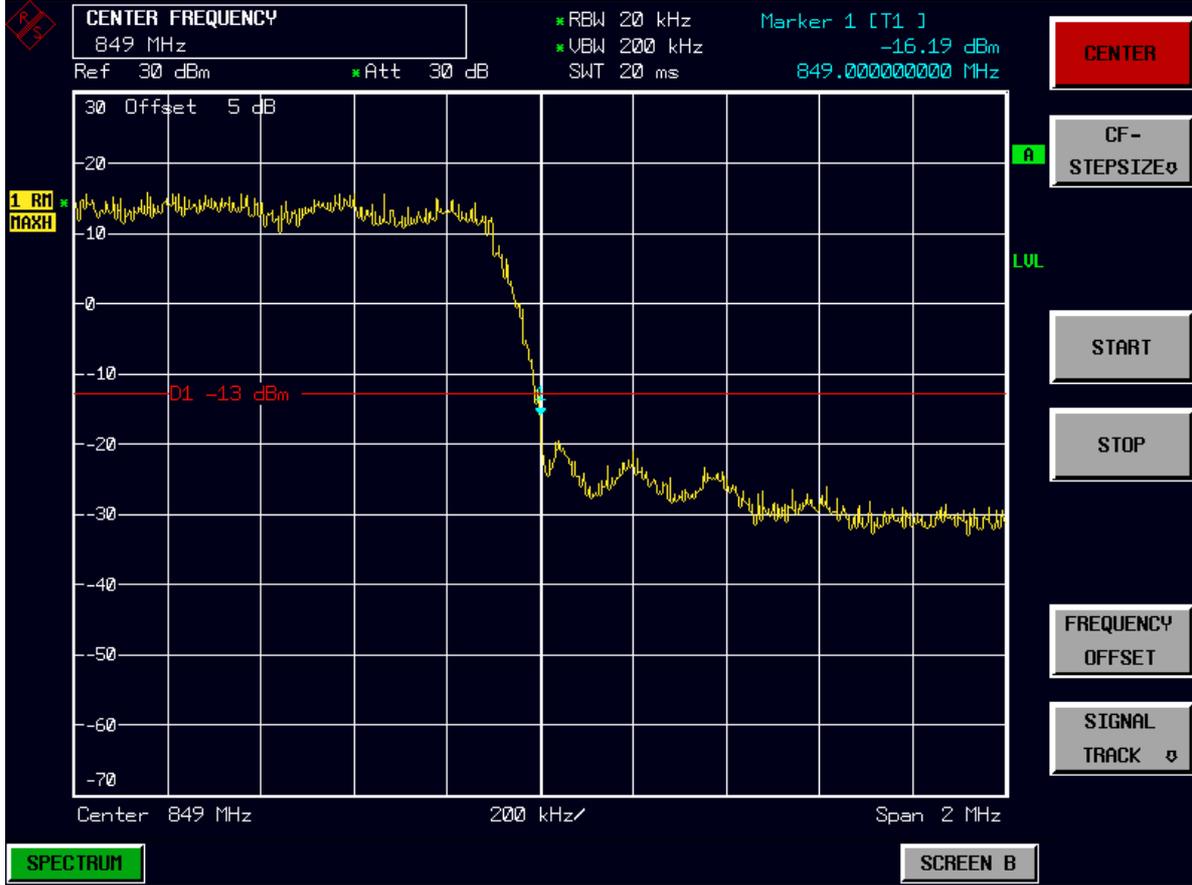
Band Edges Compliance According to FCC Part 2.1051 & 22.917

TM1

Left Edge (824 MHz)
Channel 1013

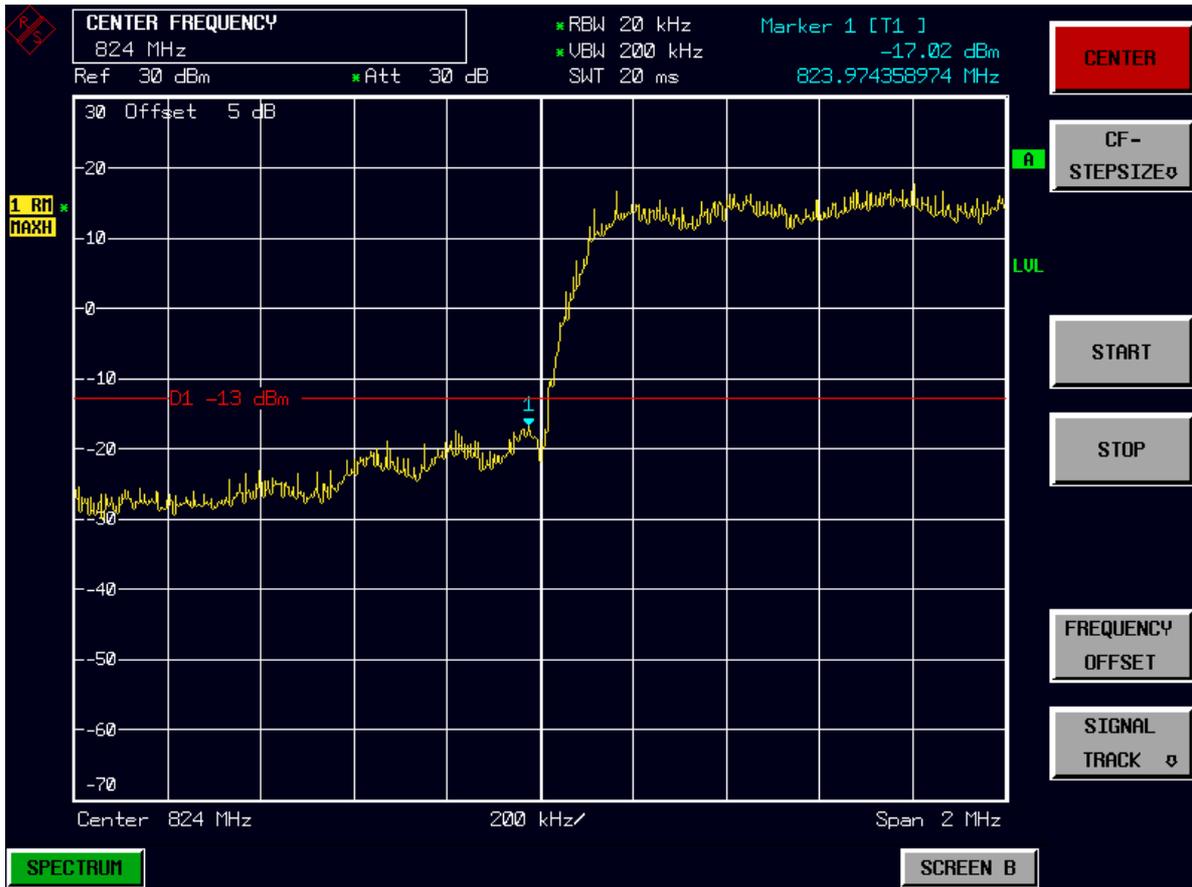


Right Edge (849MHz) Channel 777

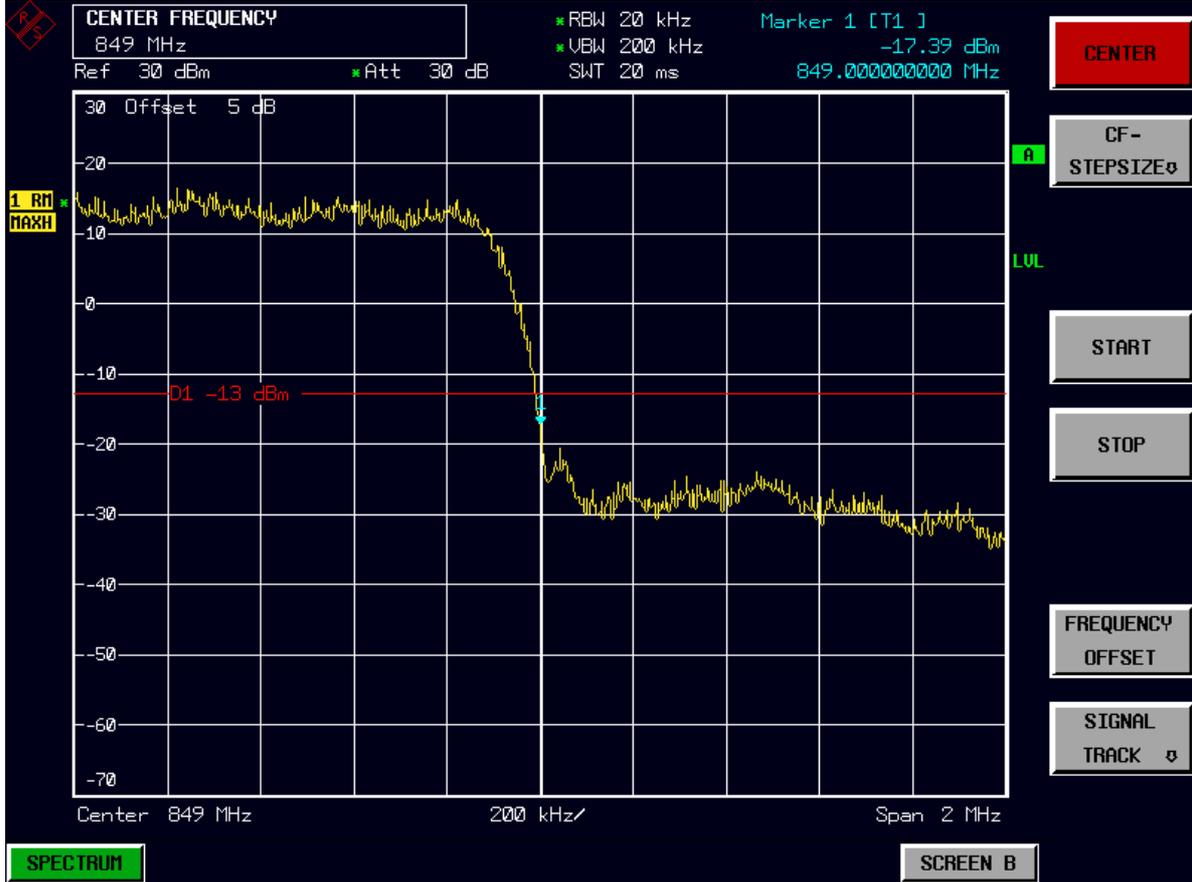


TM3

Left Edge (824 MHz)
Channel 1013

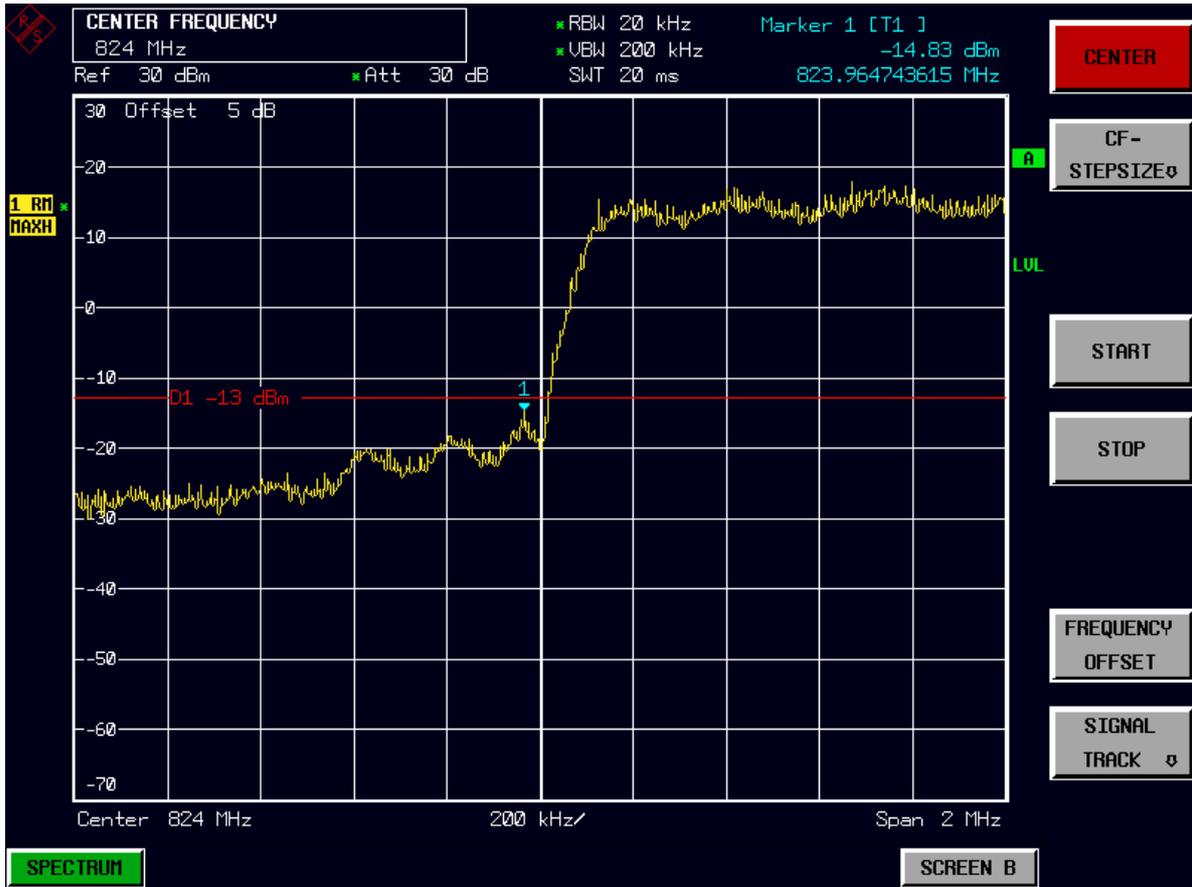


Right Edge (849MHz) Channel 777

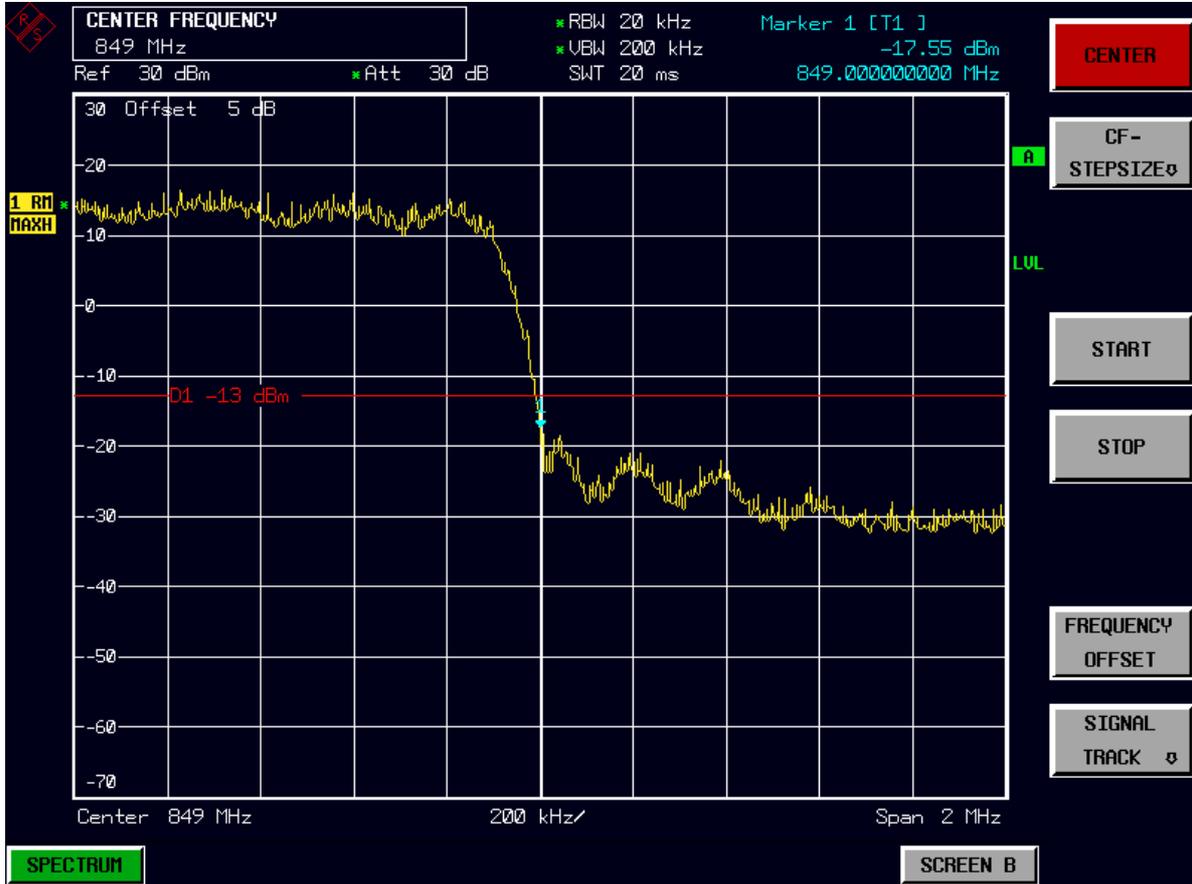


EVDO Subtype 0

Left Edge (824 MHz) Channel 1013



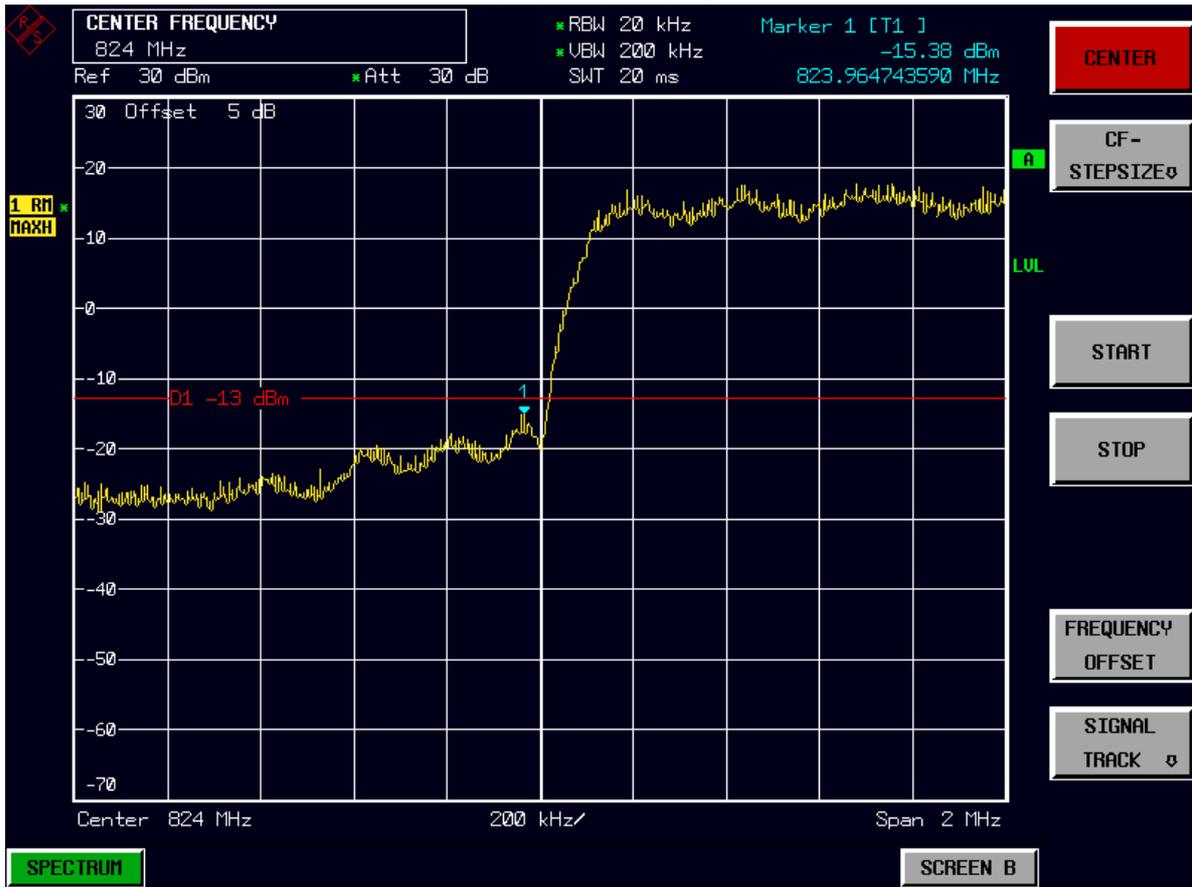
Right Edge (849MHz) Channel 777



EVDO Subtype 2

Modulation : BPSK

Left Edge (824 MHz)
Channel 1013

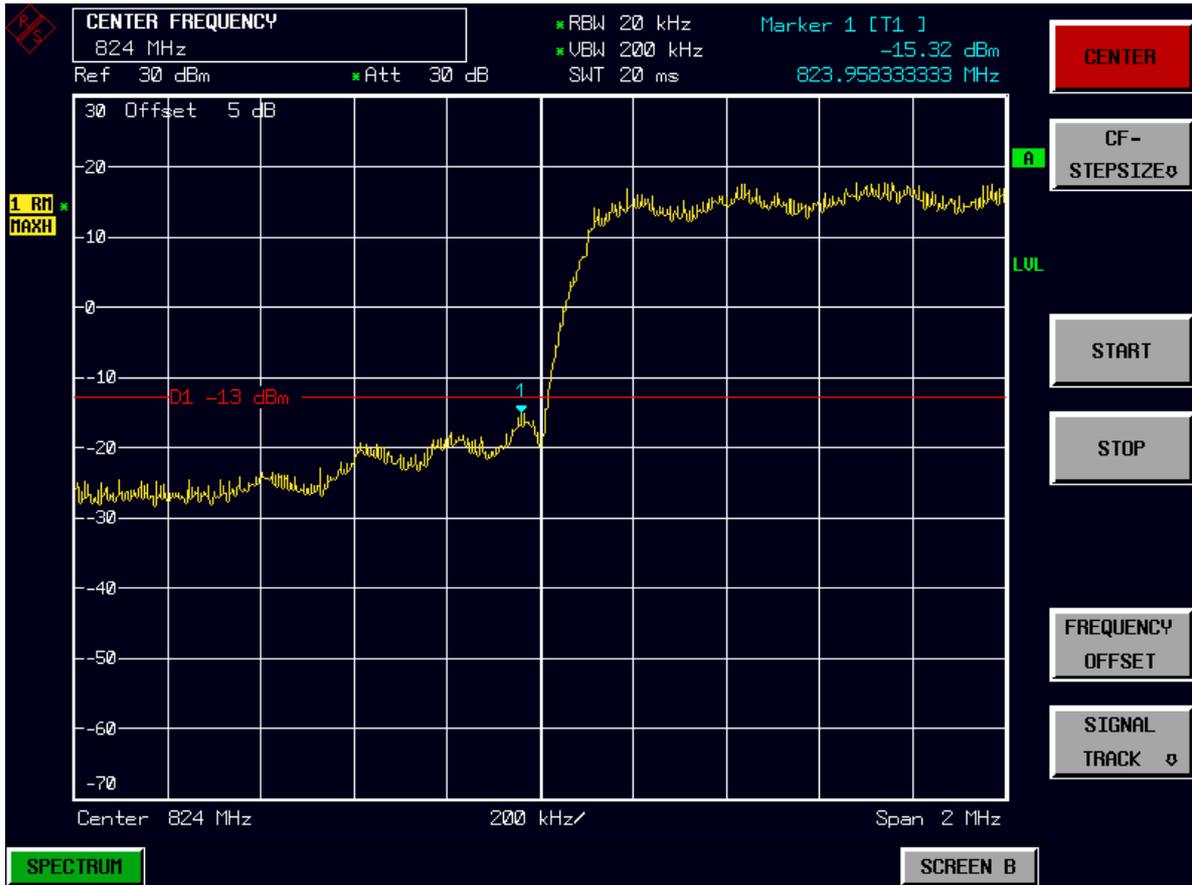


Right Edge (849MHz) Channel 777

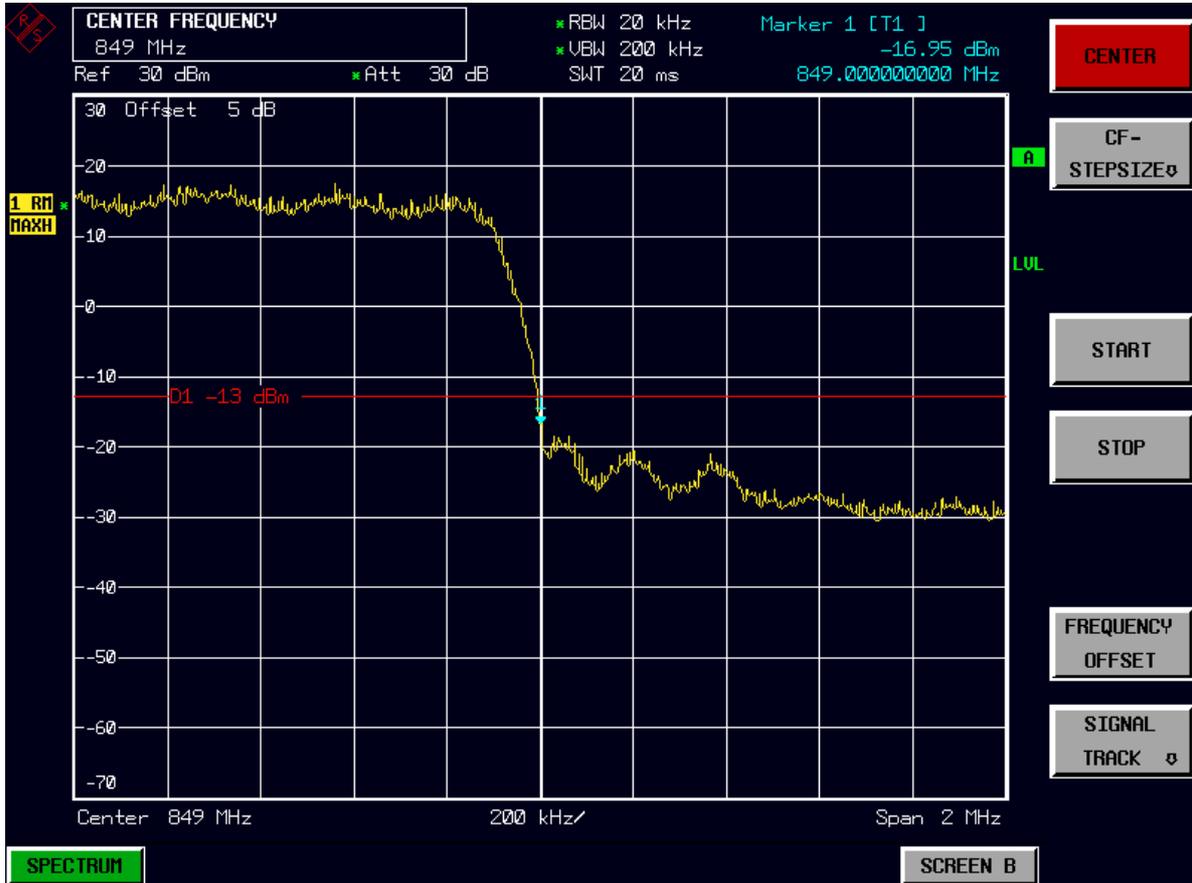


Modulation : QPSK

Left Edge (824 MHz)
Channel 1013



Right Edge (849MHz) Channel 777



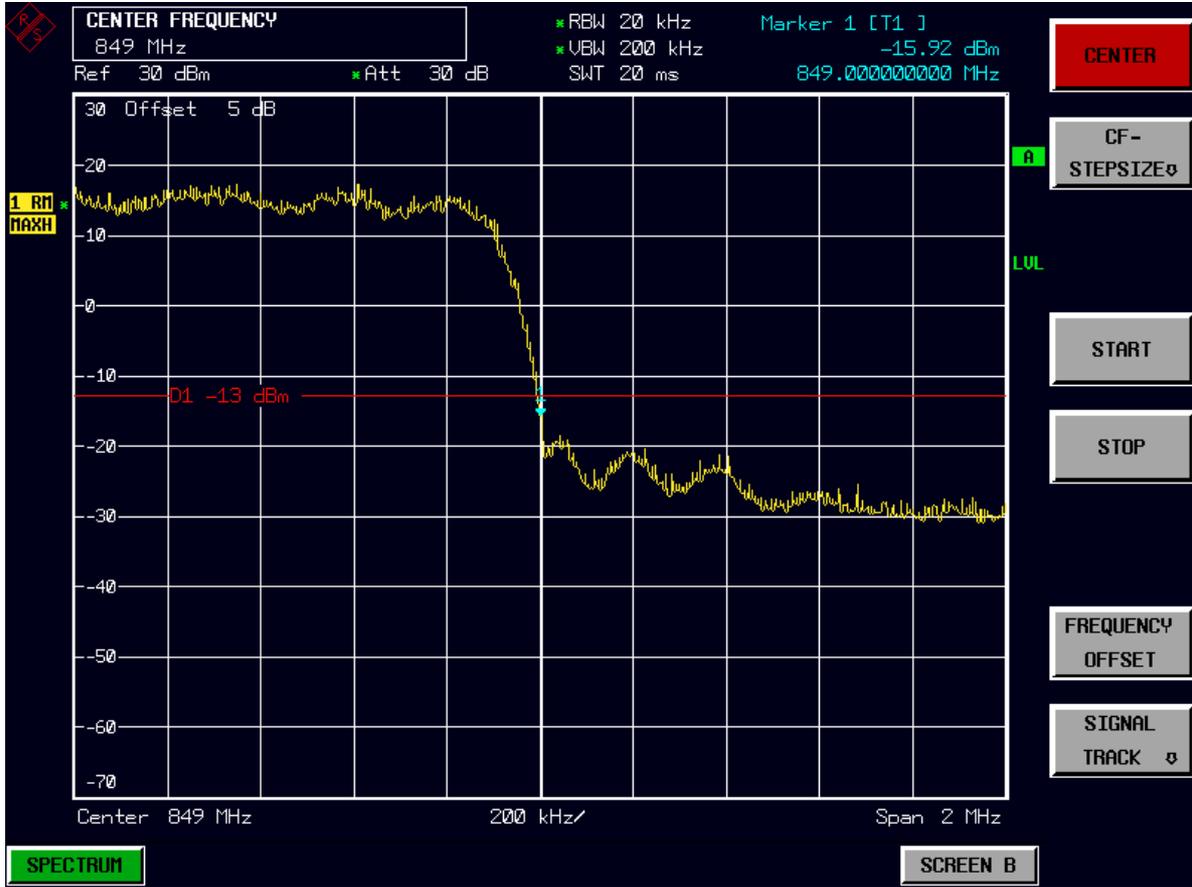
Modulation : 8PSK

Left Edge (824 MHz) Channel 1013



Right Edge (849MHz)

Channel 777



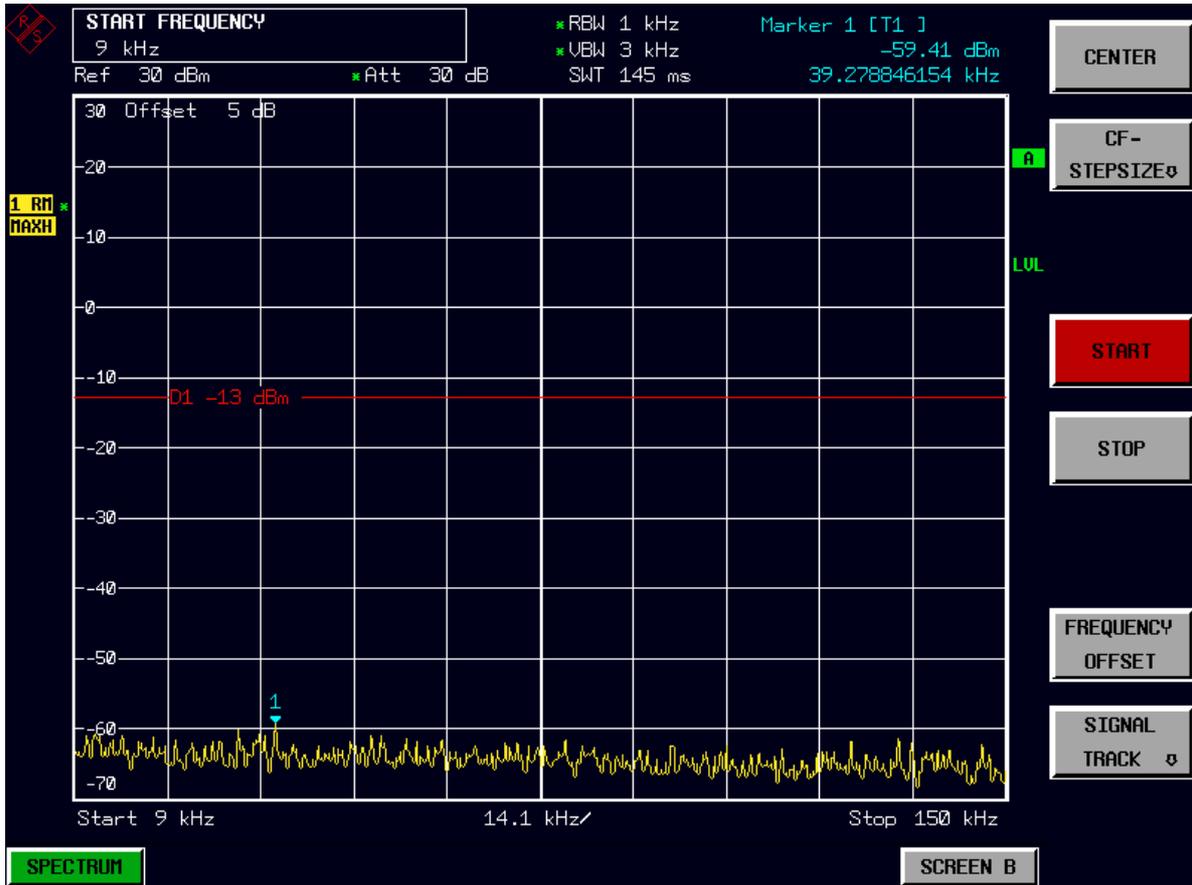
Appendix D

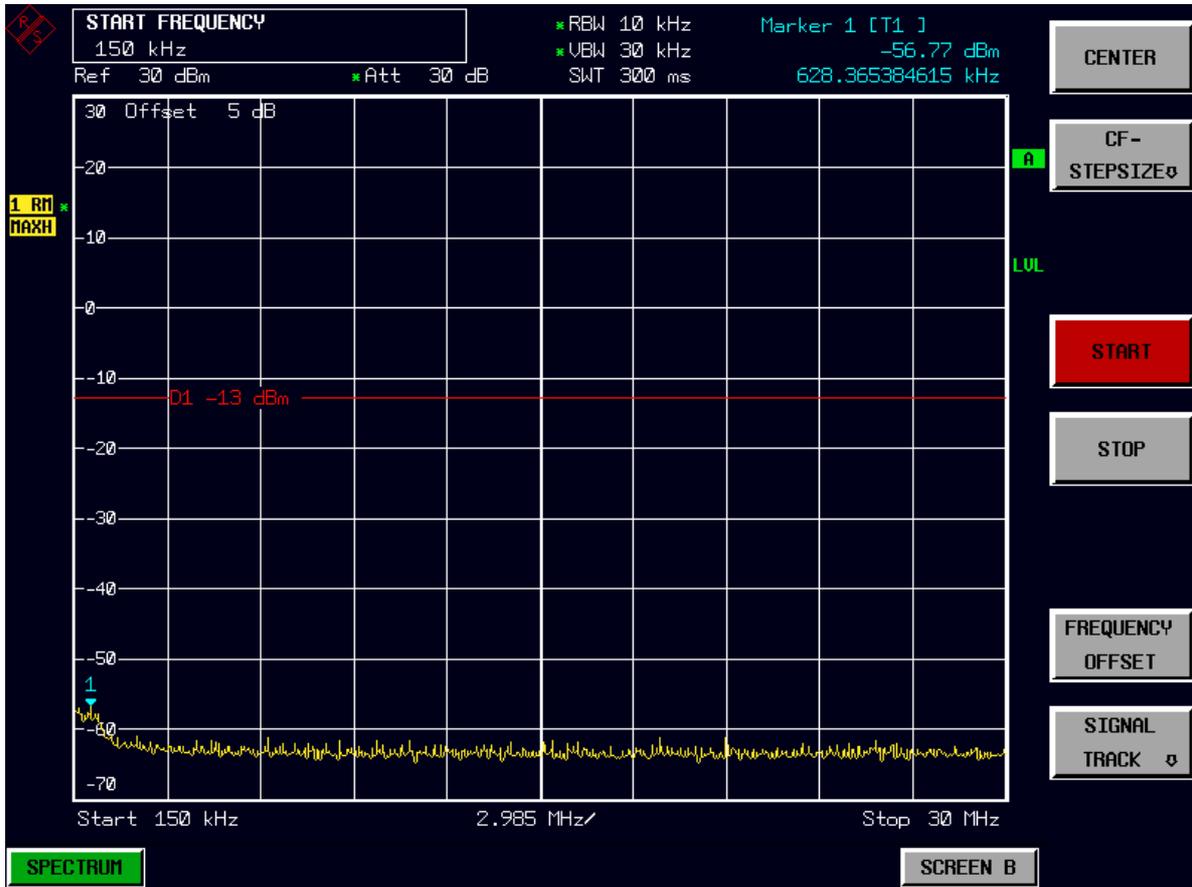
Spurious Emission at Antenna Terminal

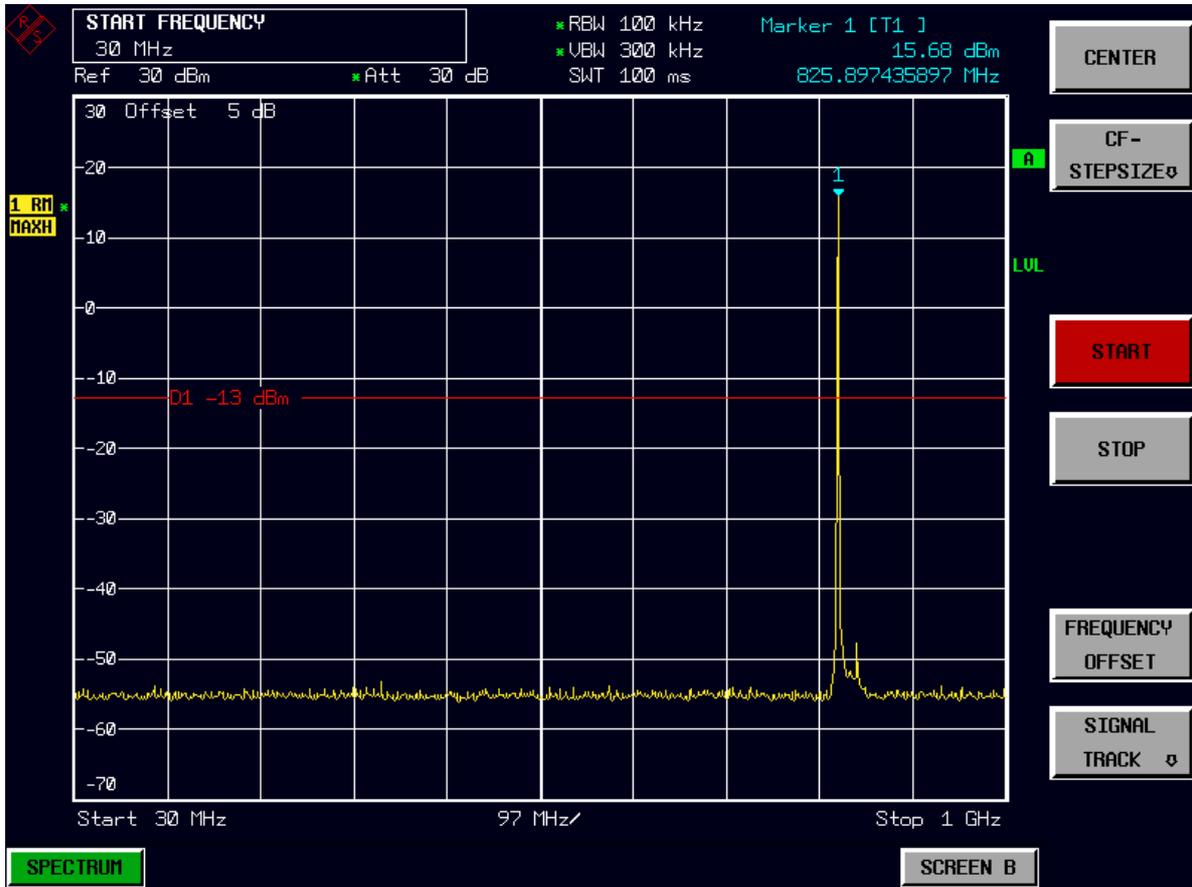
According to FCC Part 2.1051 & 22.917

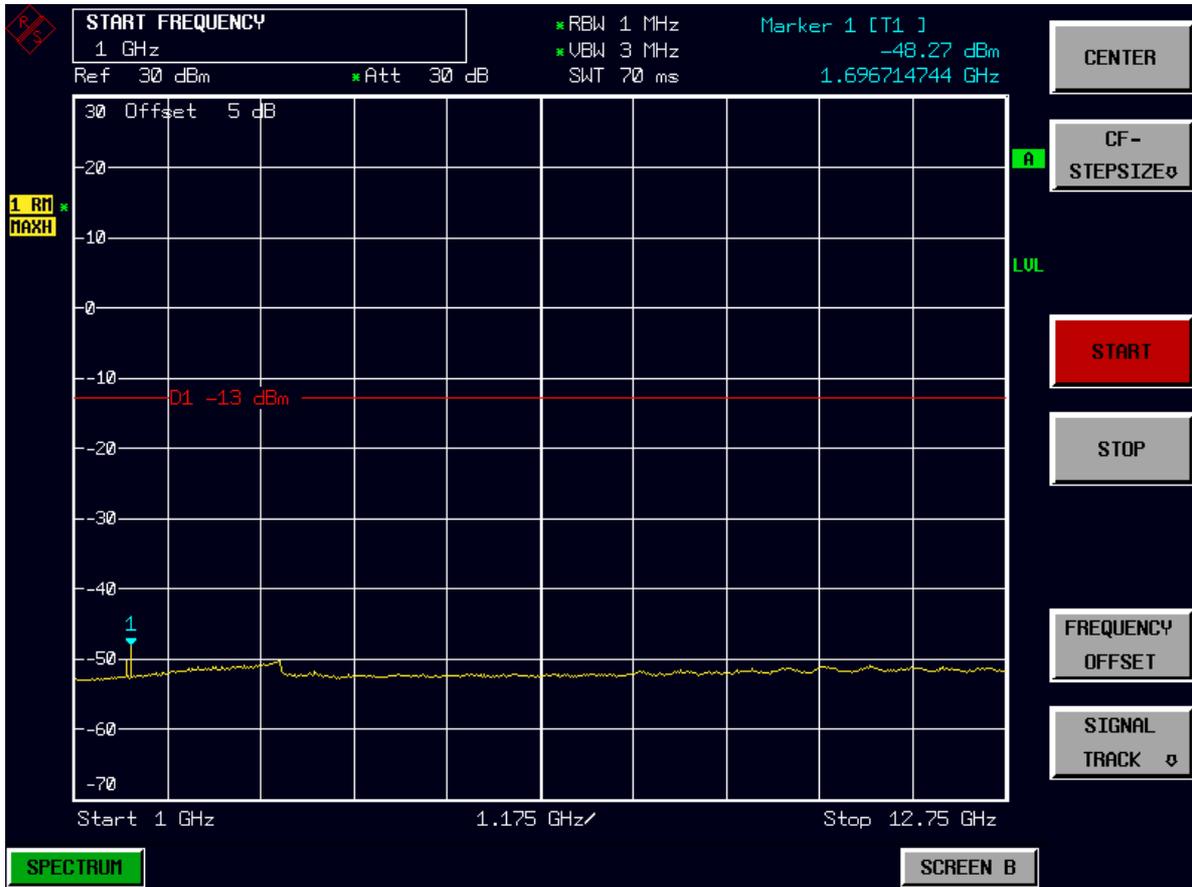
TM1

Channel 1013

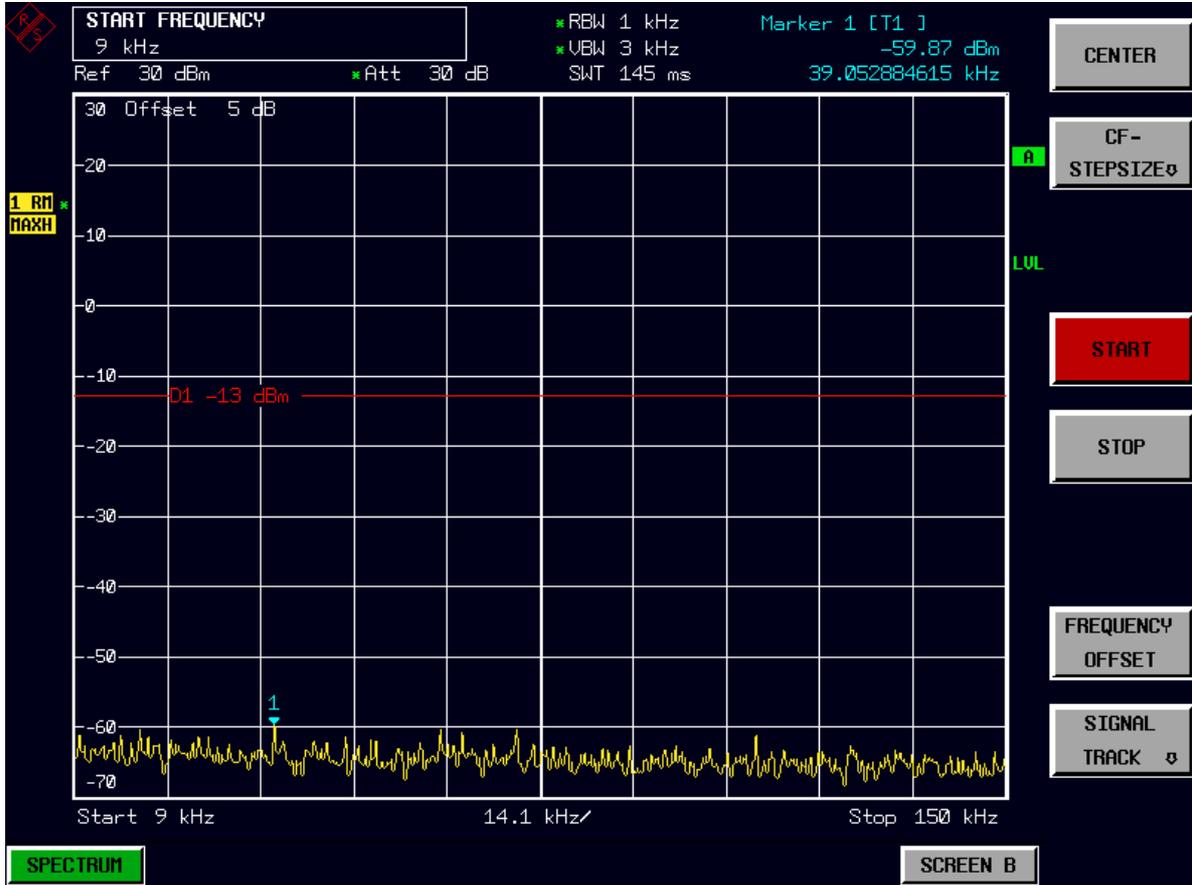


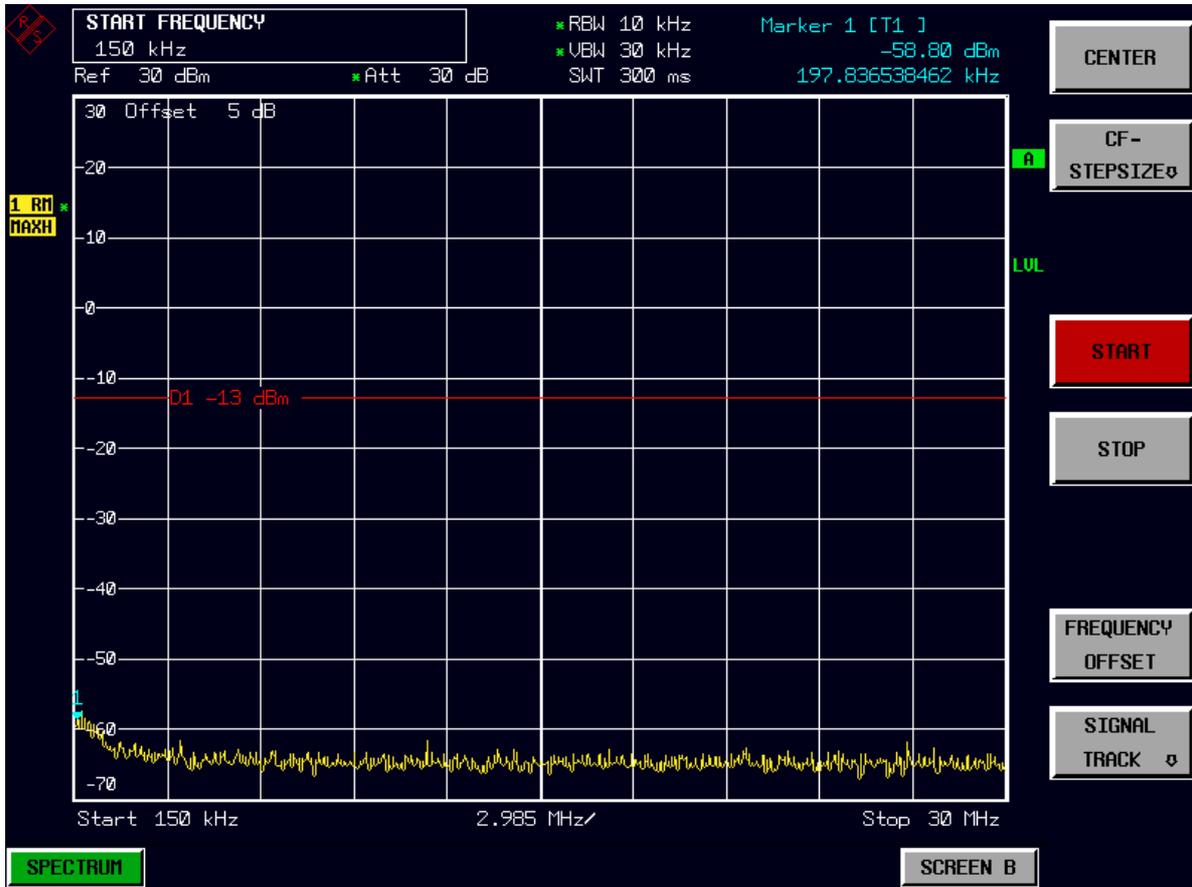


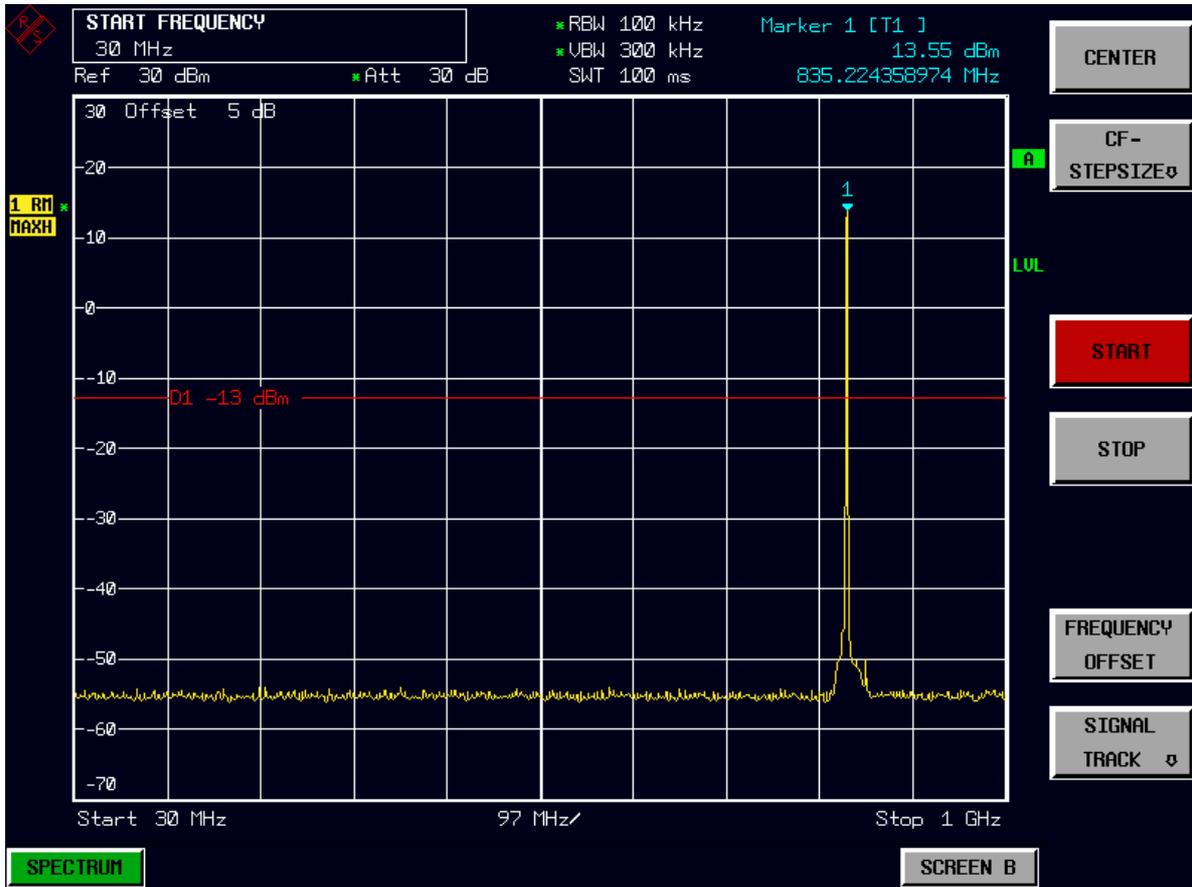


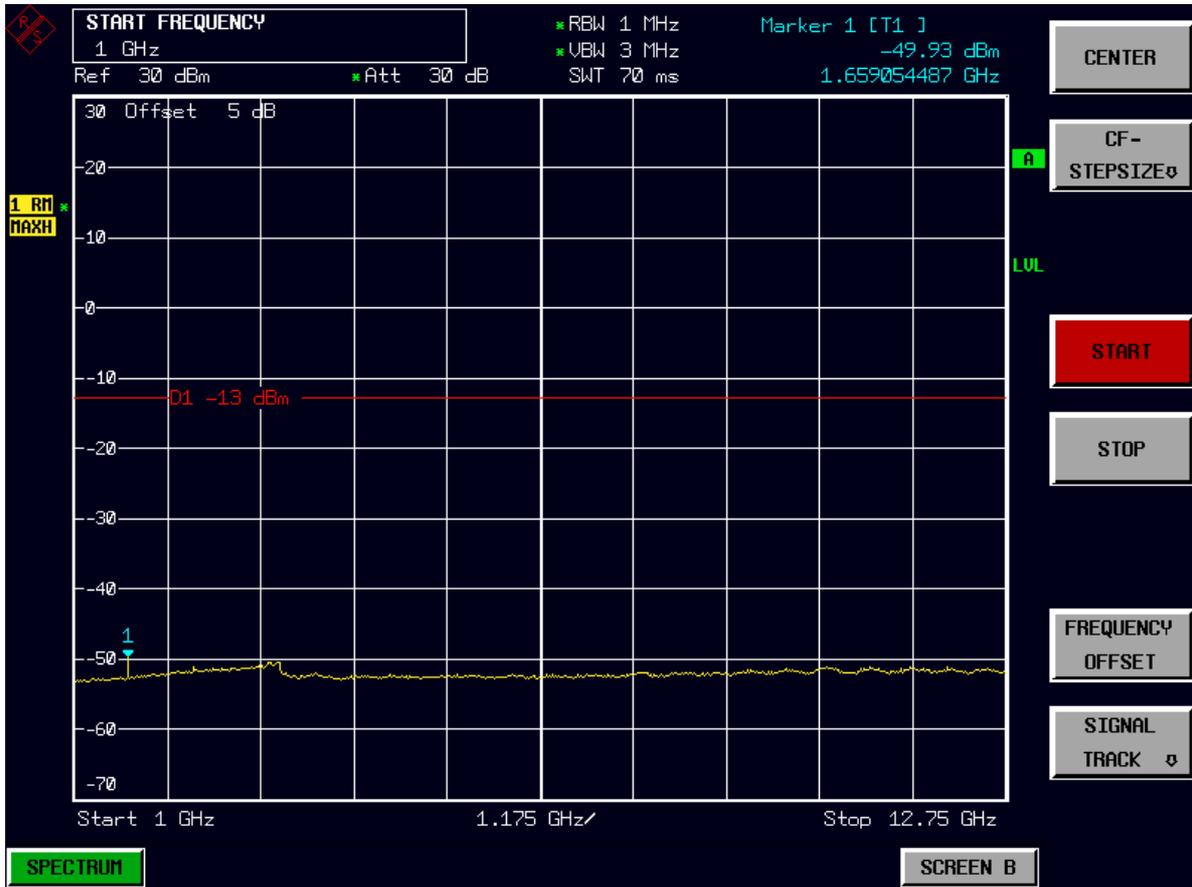


Channel 283

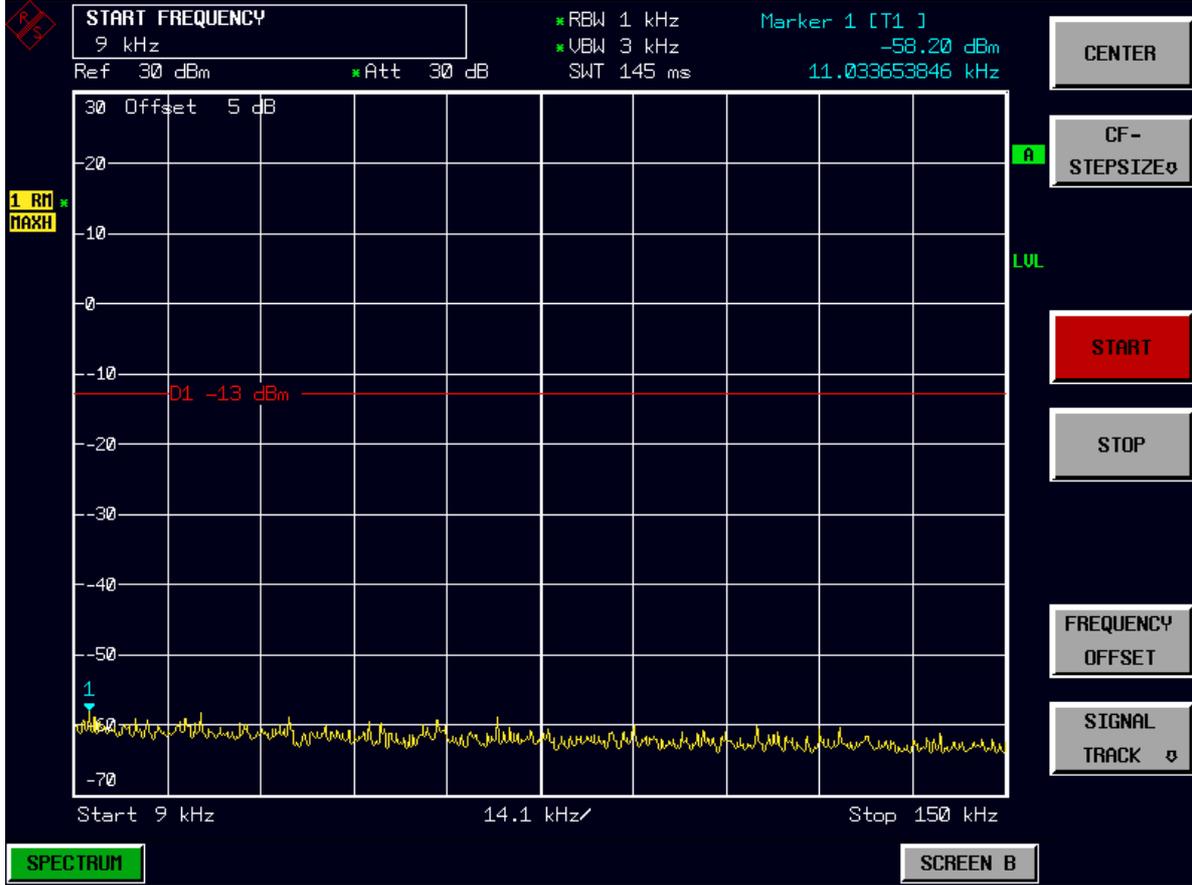


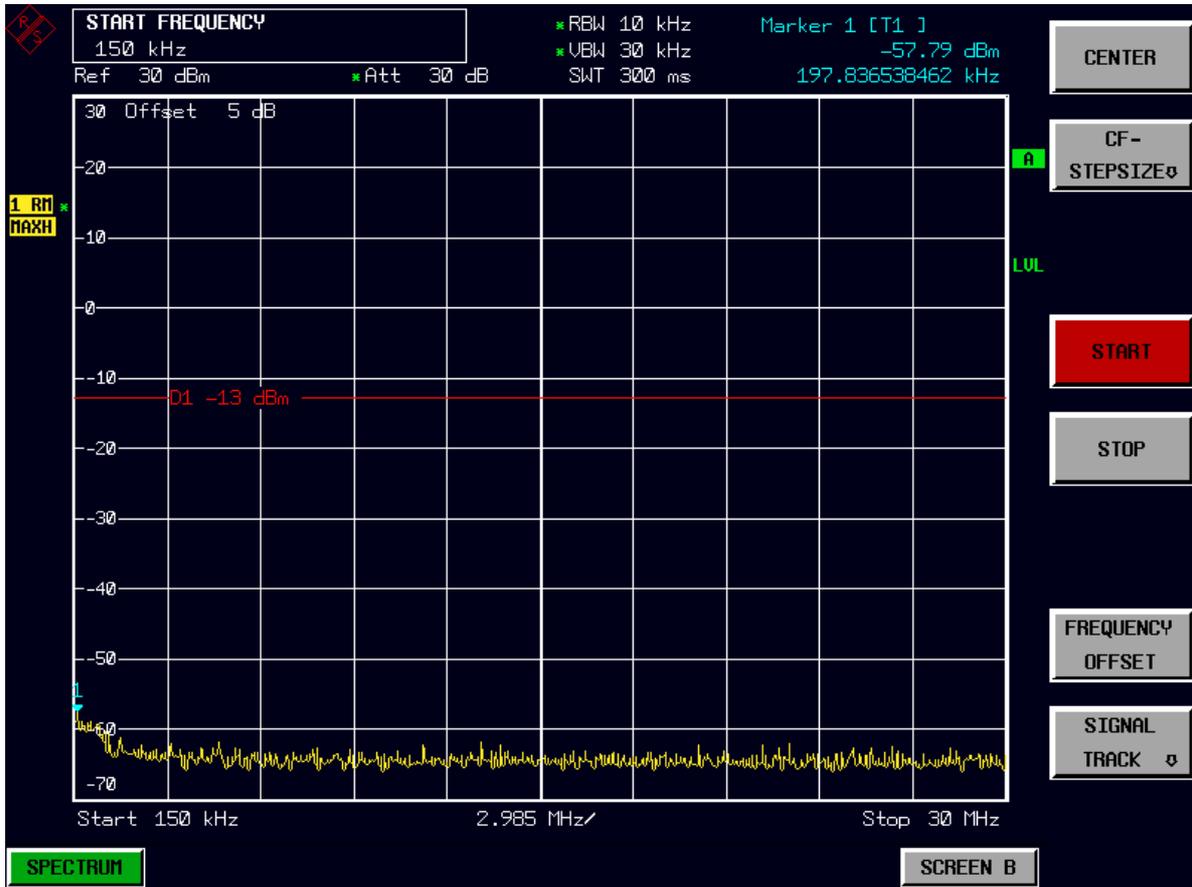


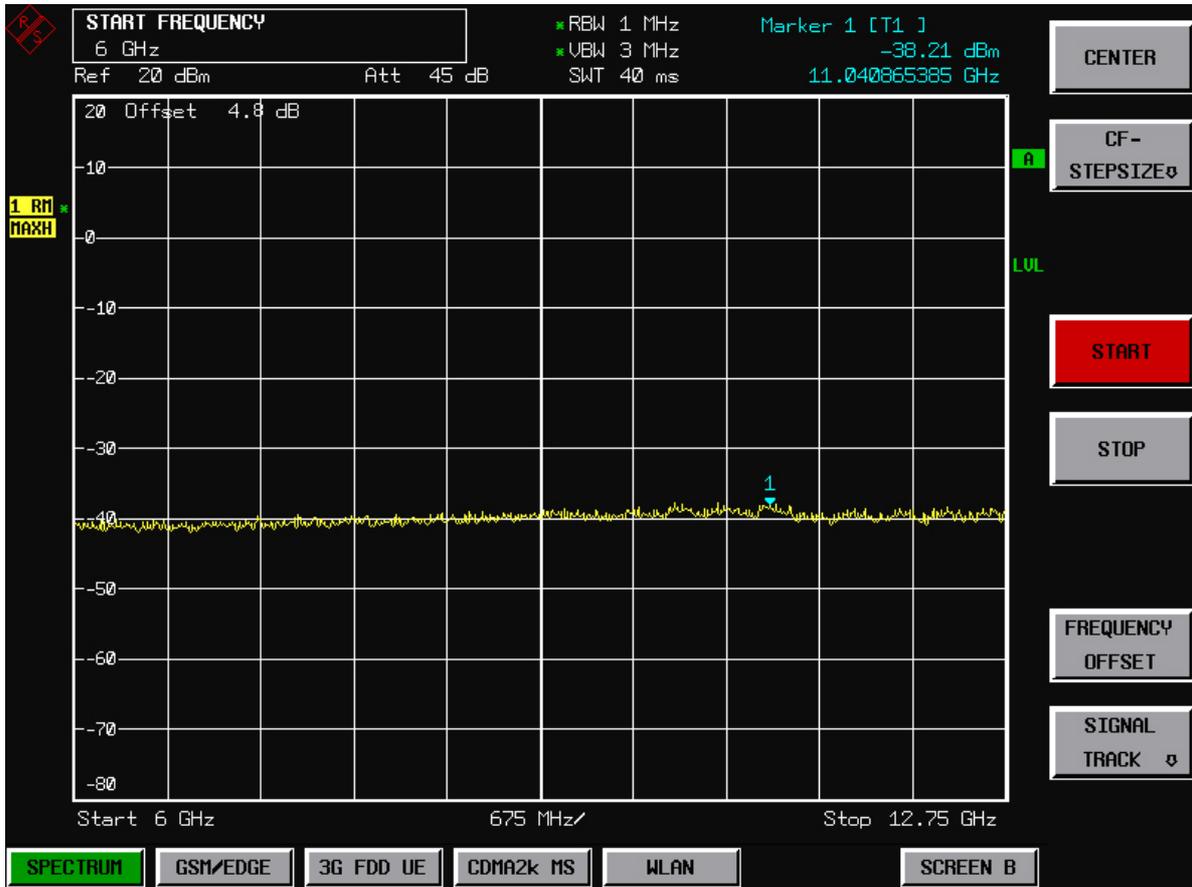


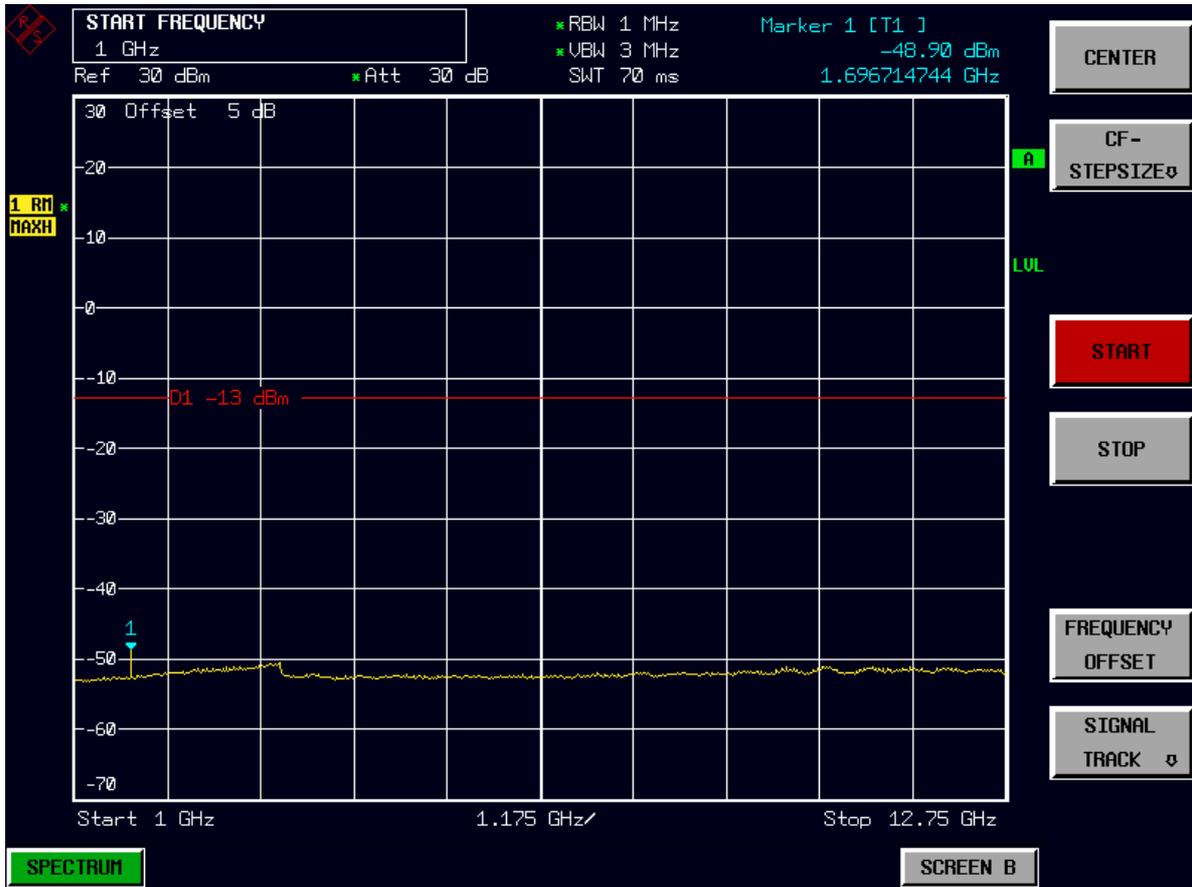


Channel 777



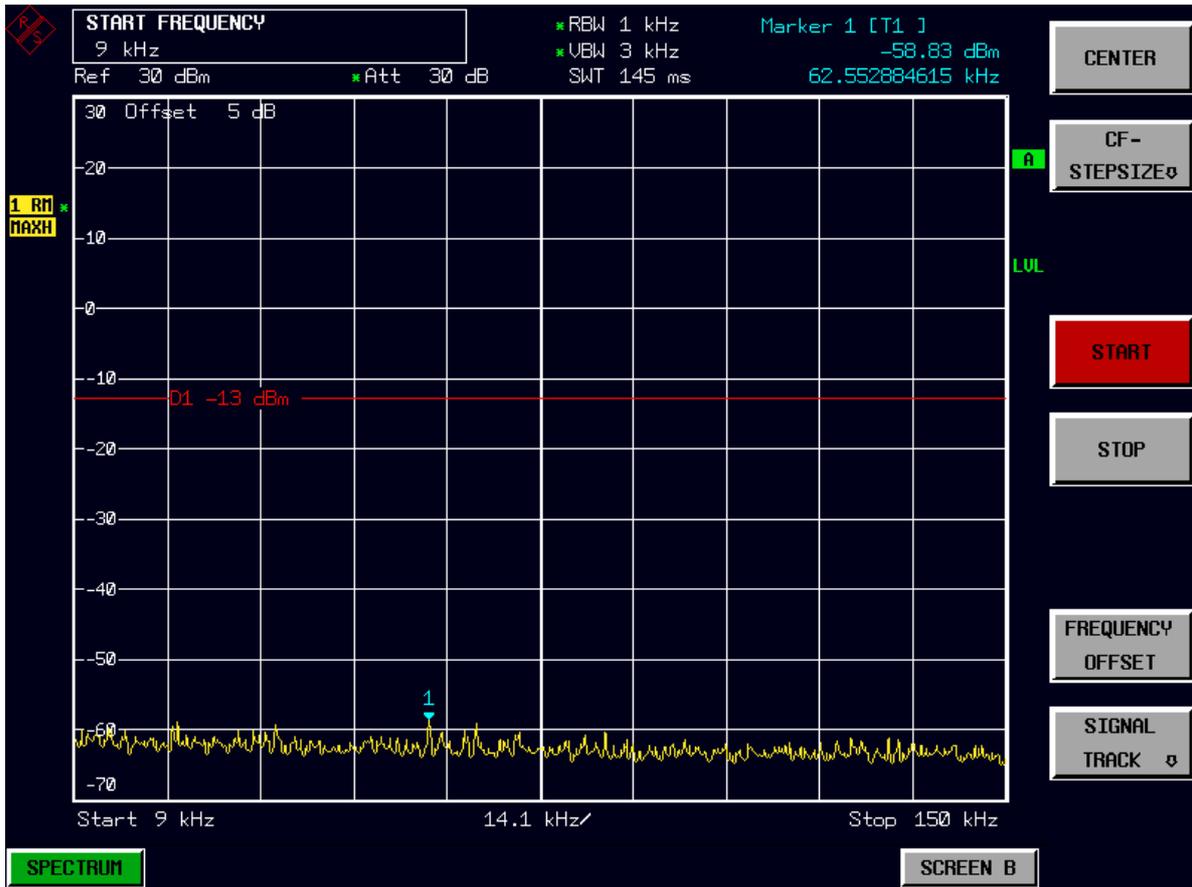


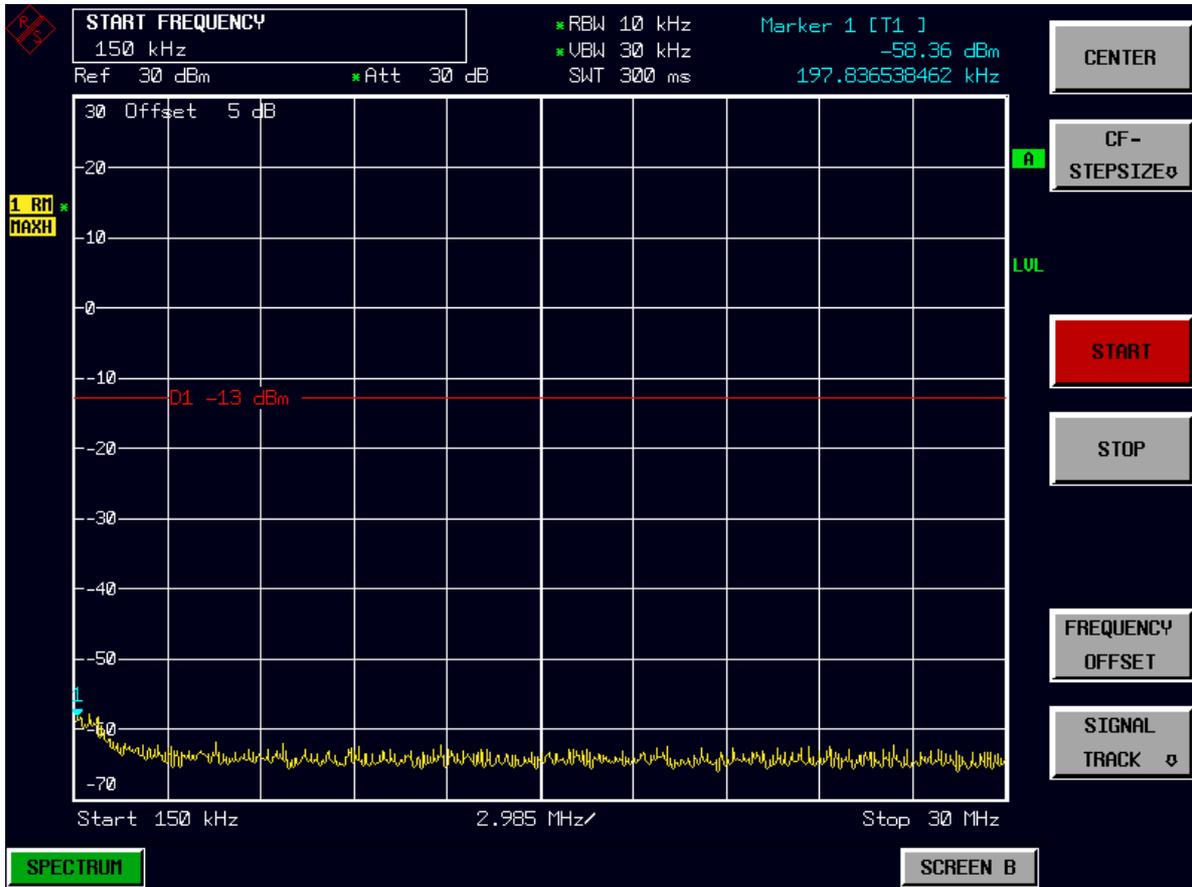


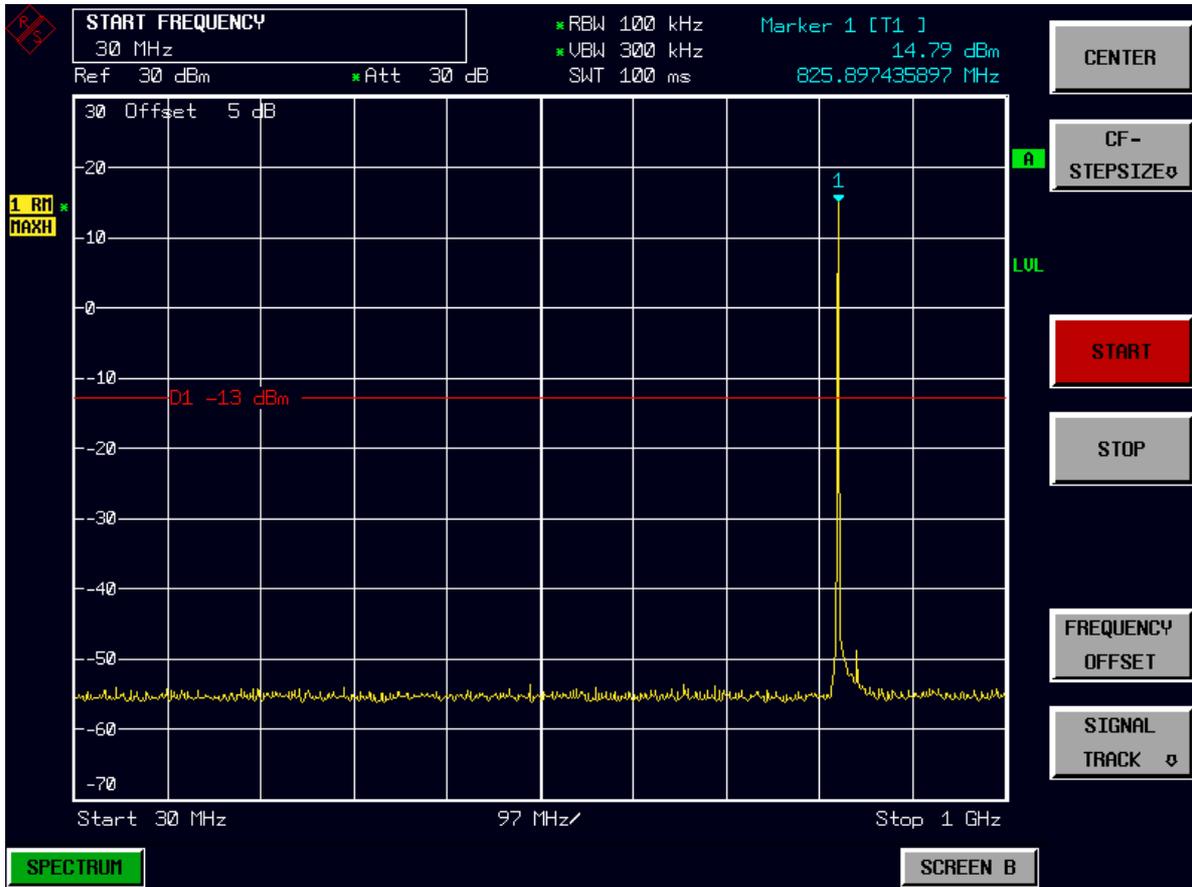


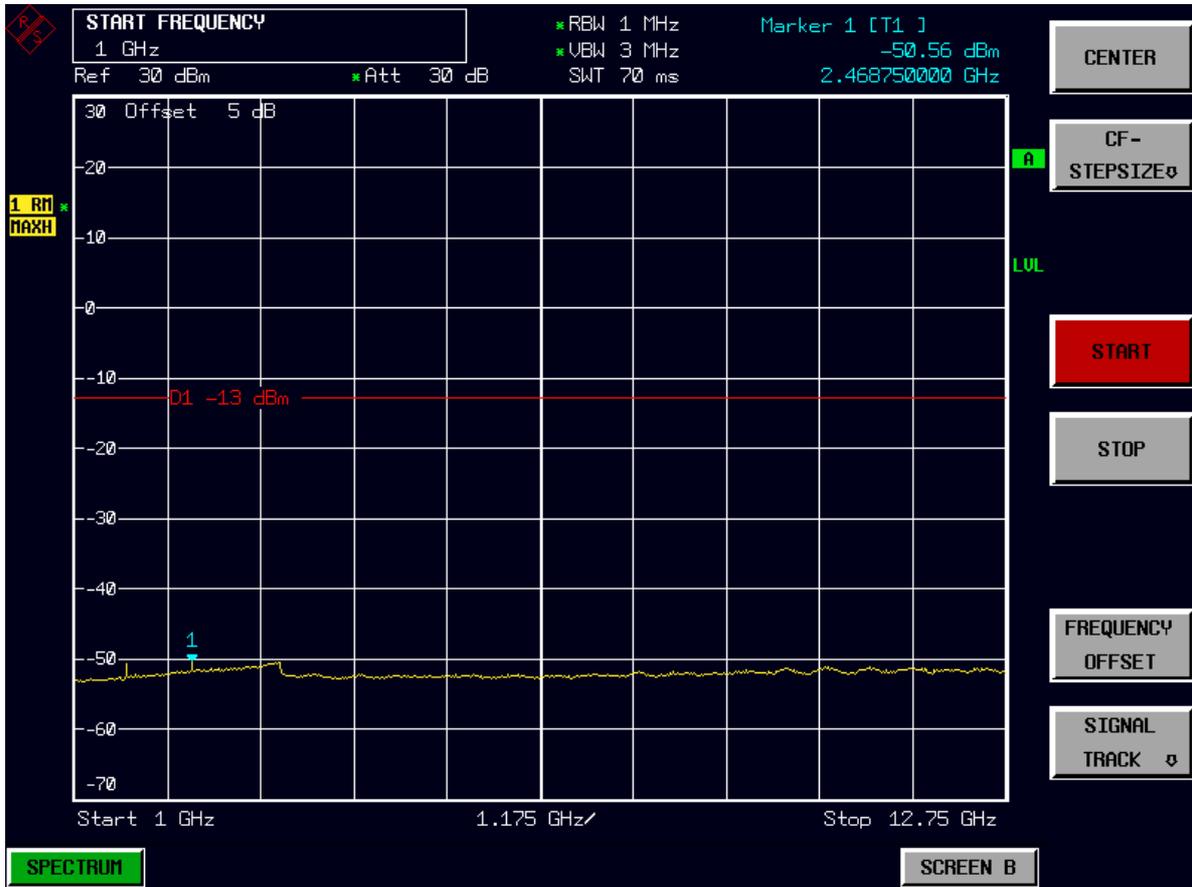
TM3

Channel 1013

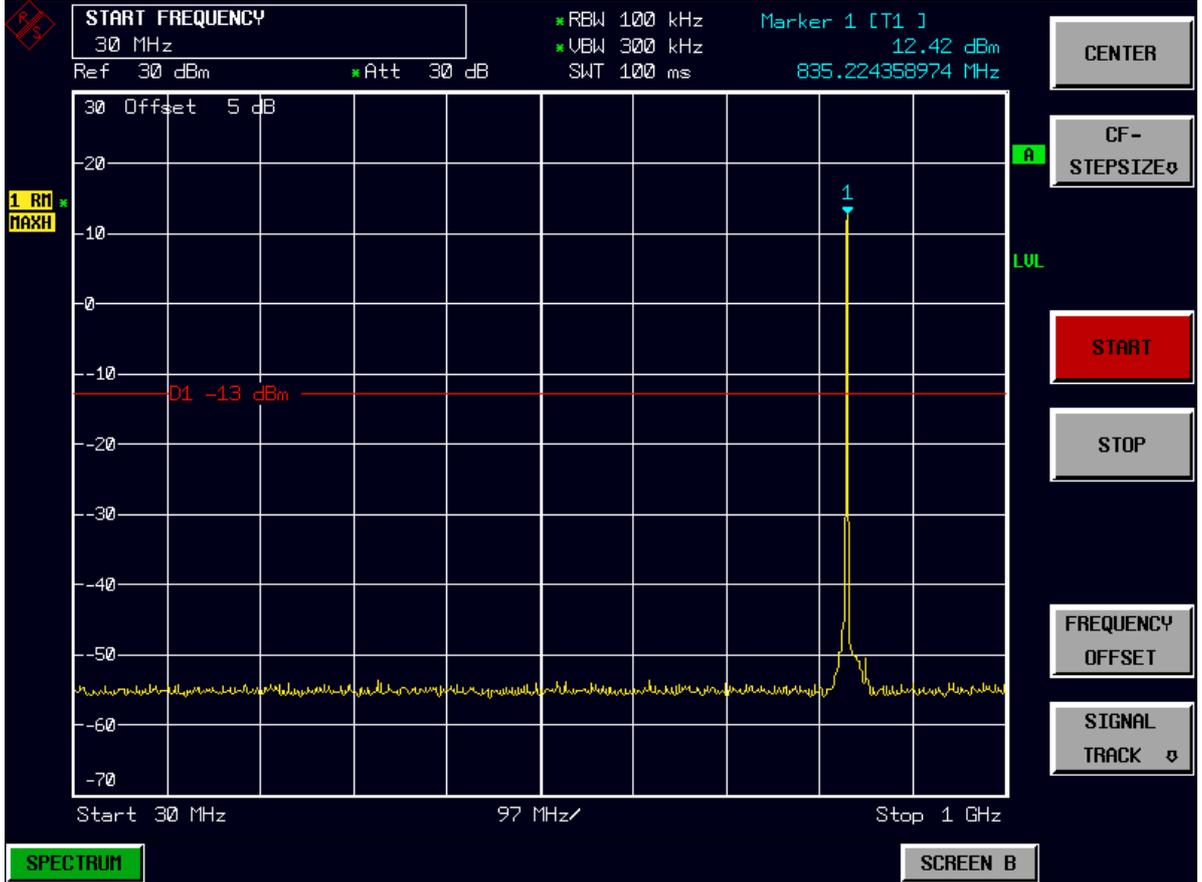


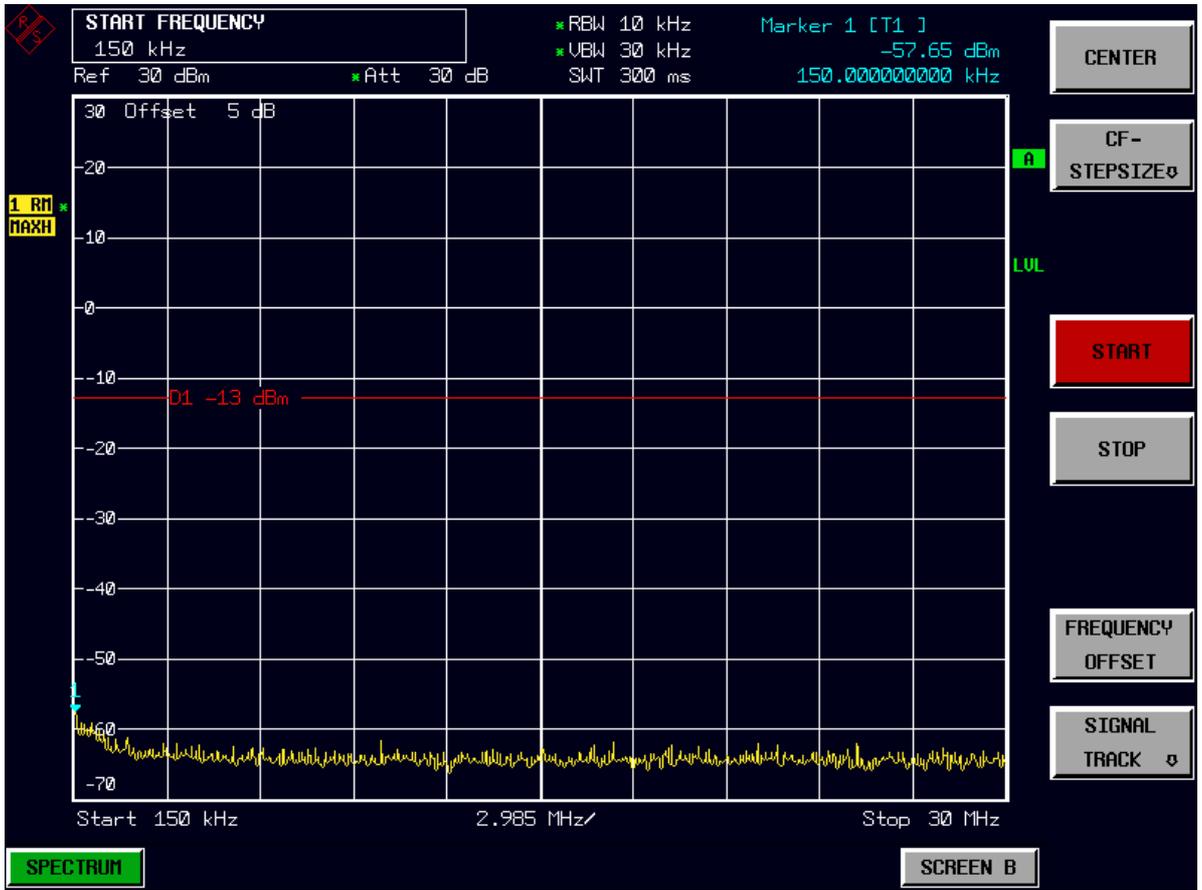


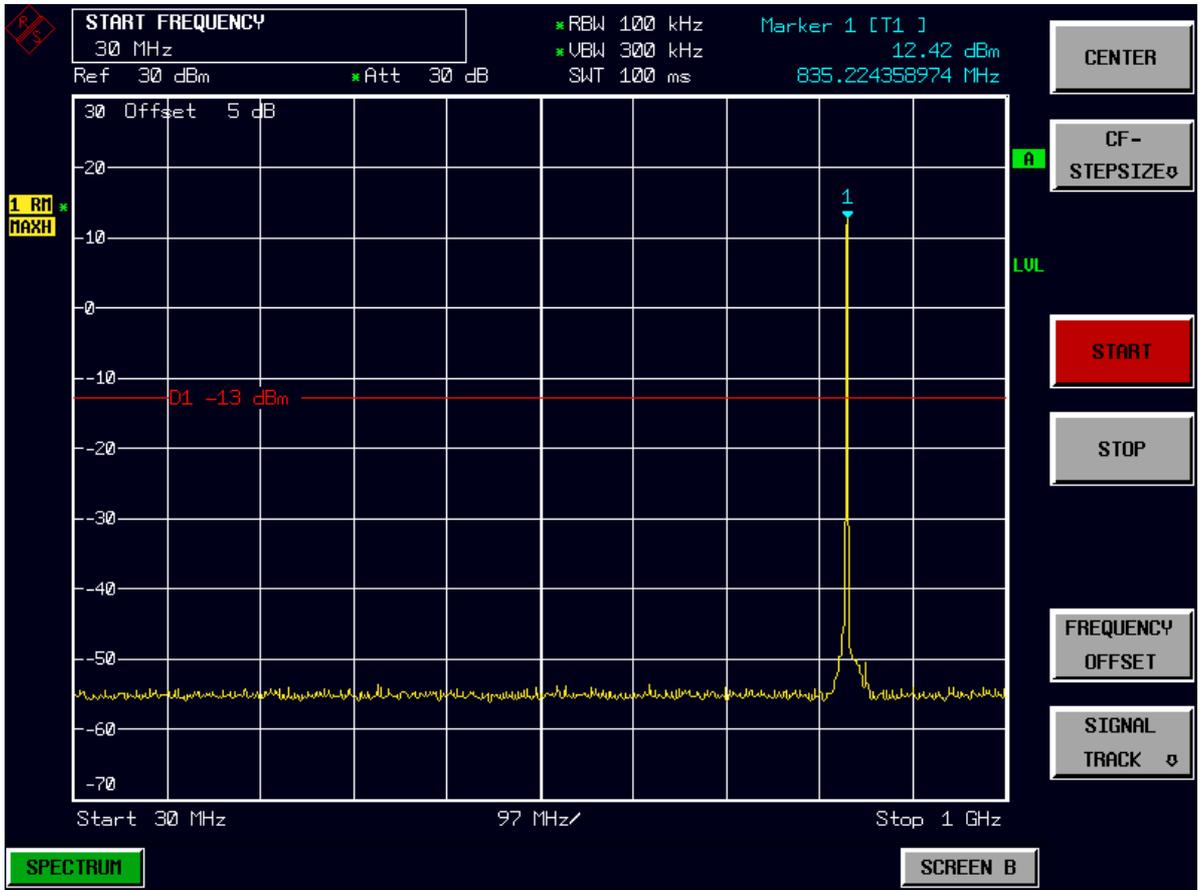


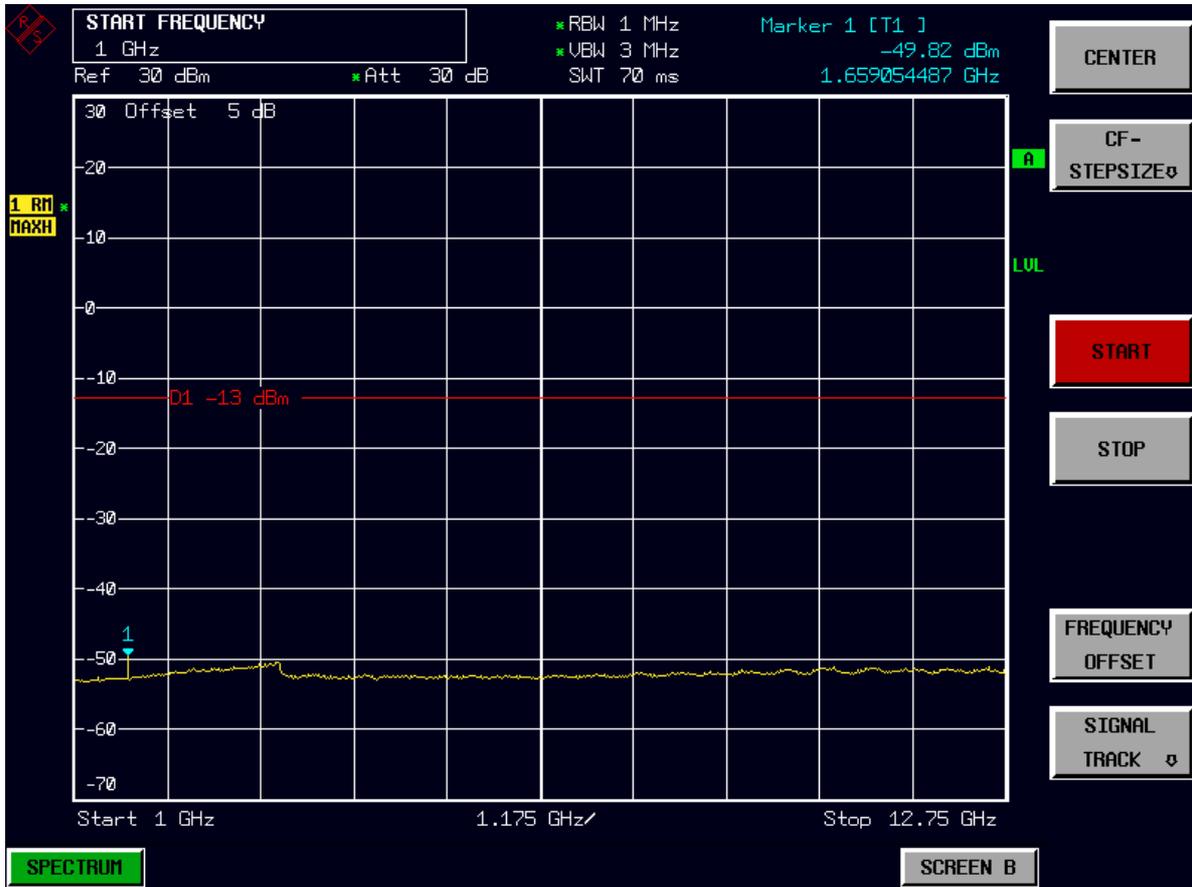


Channel
283

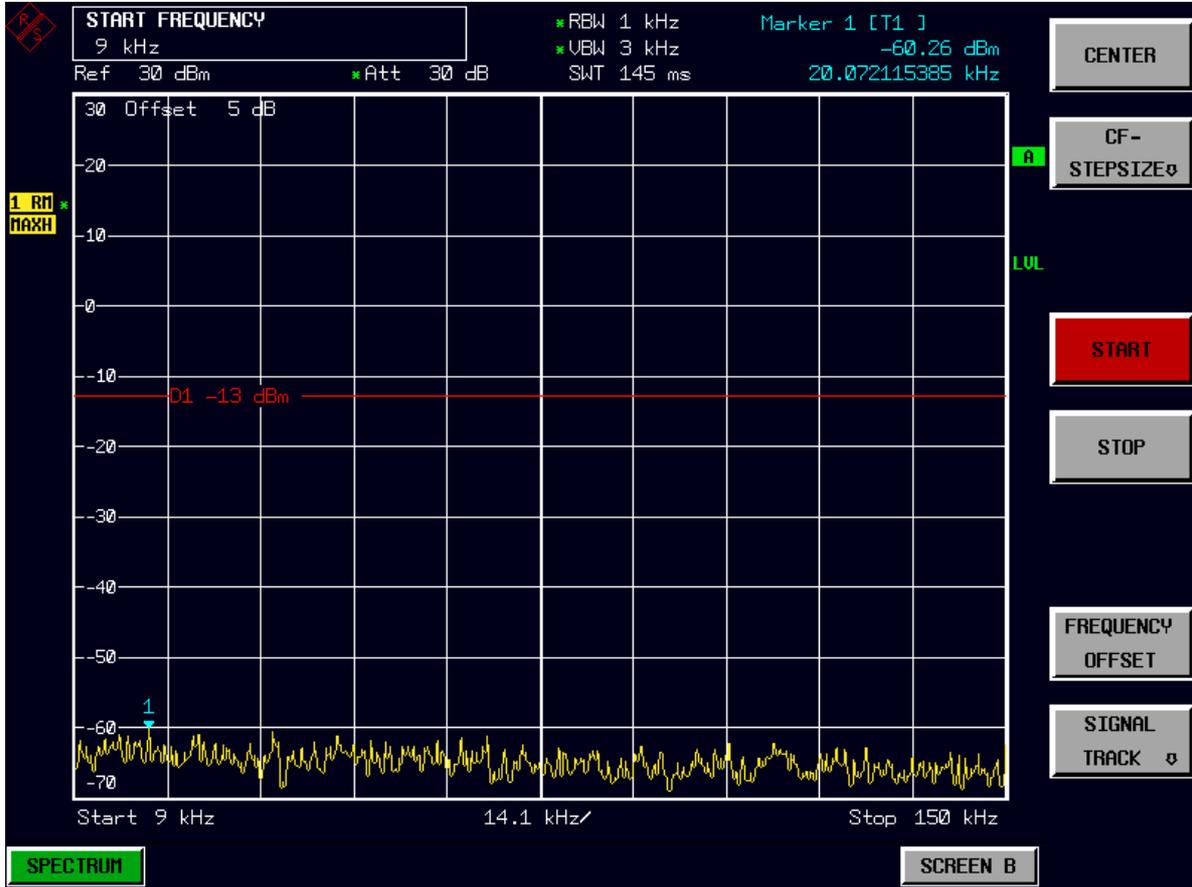


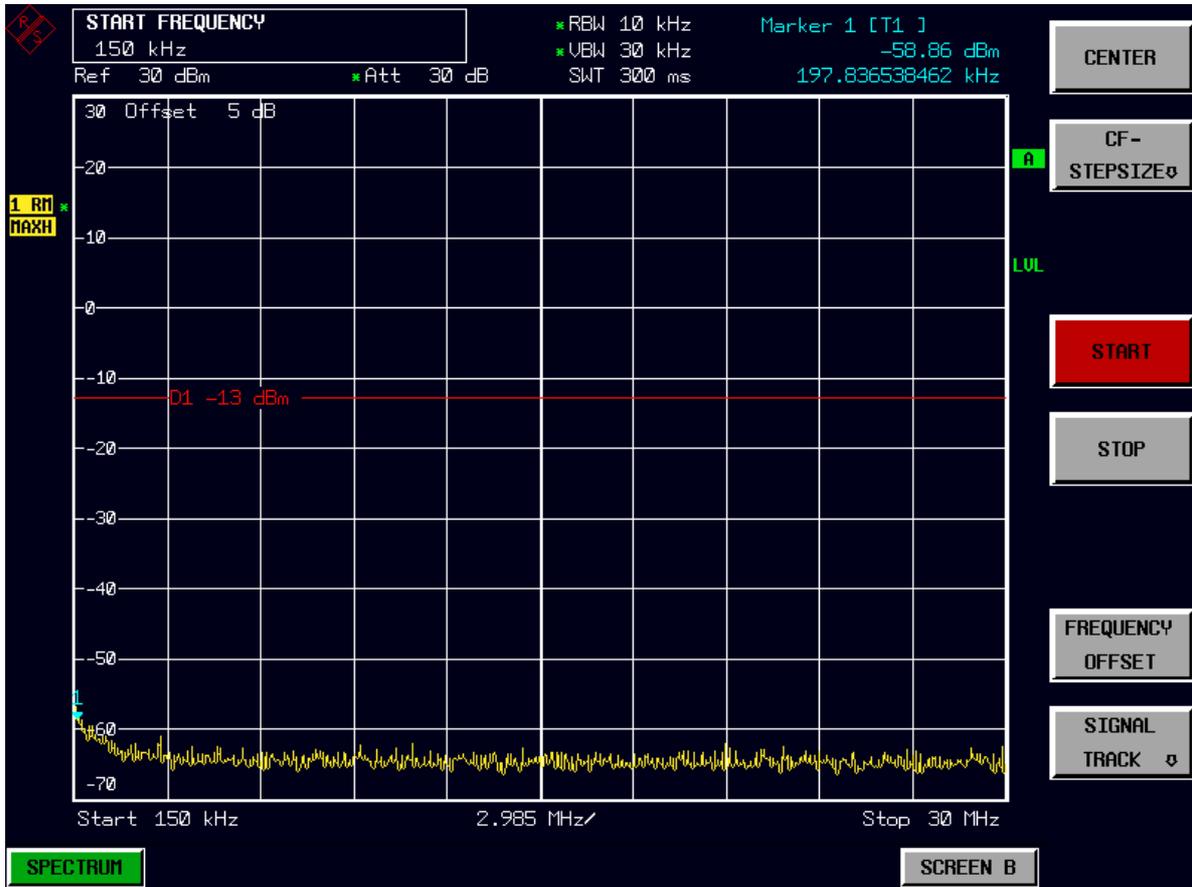


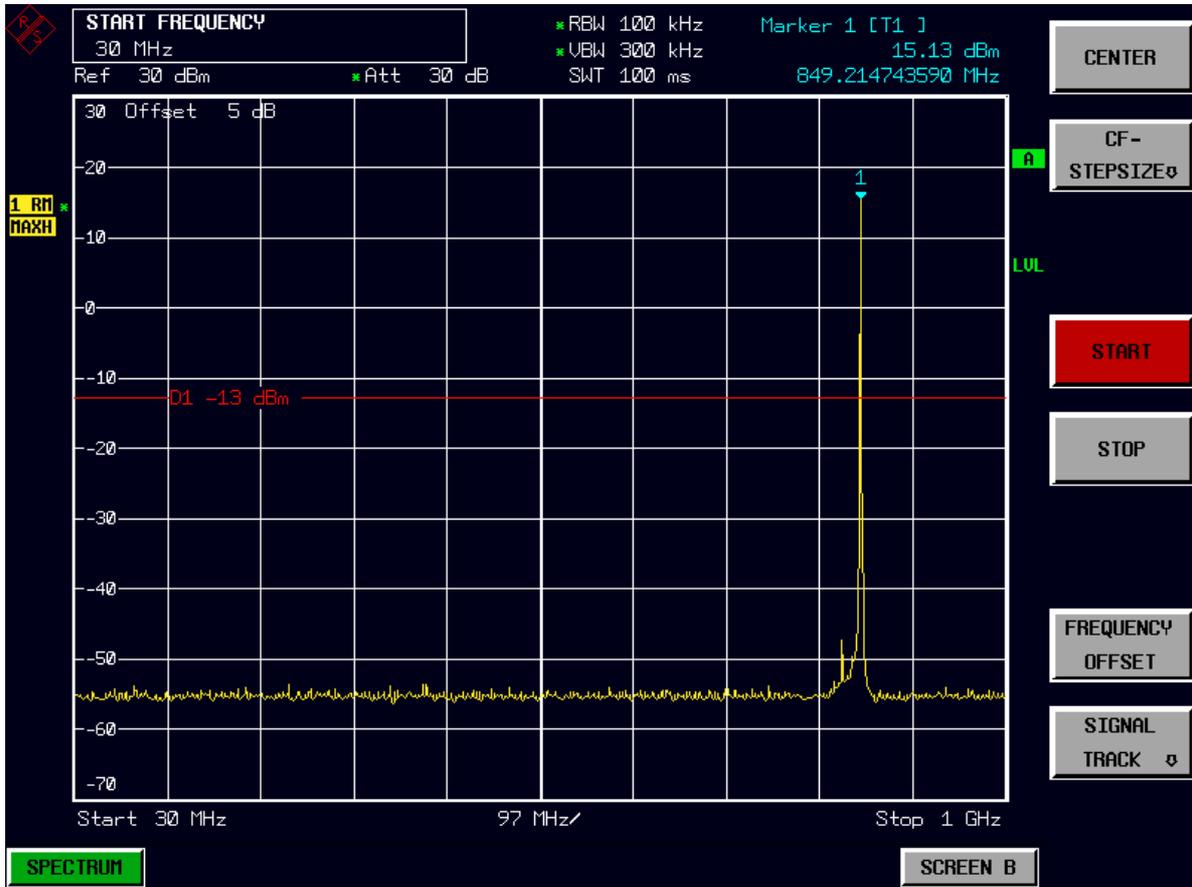


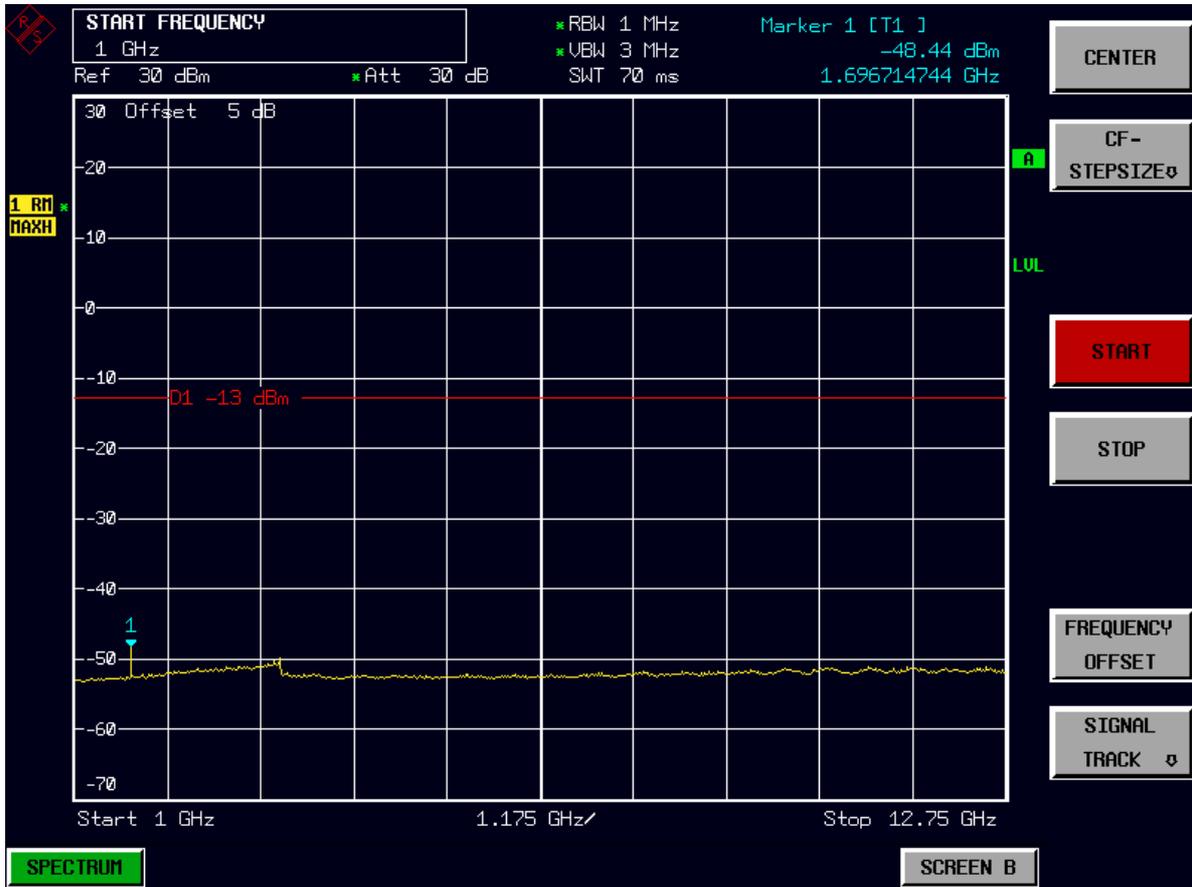


Channel
777



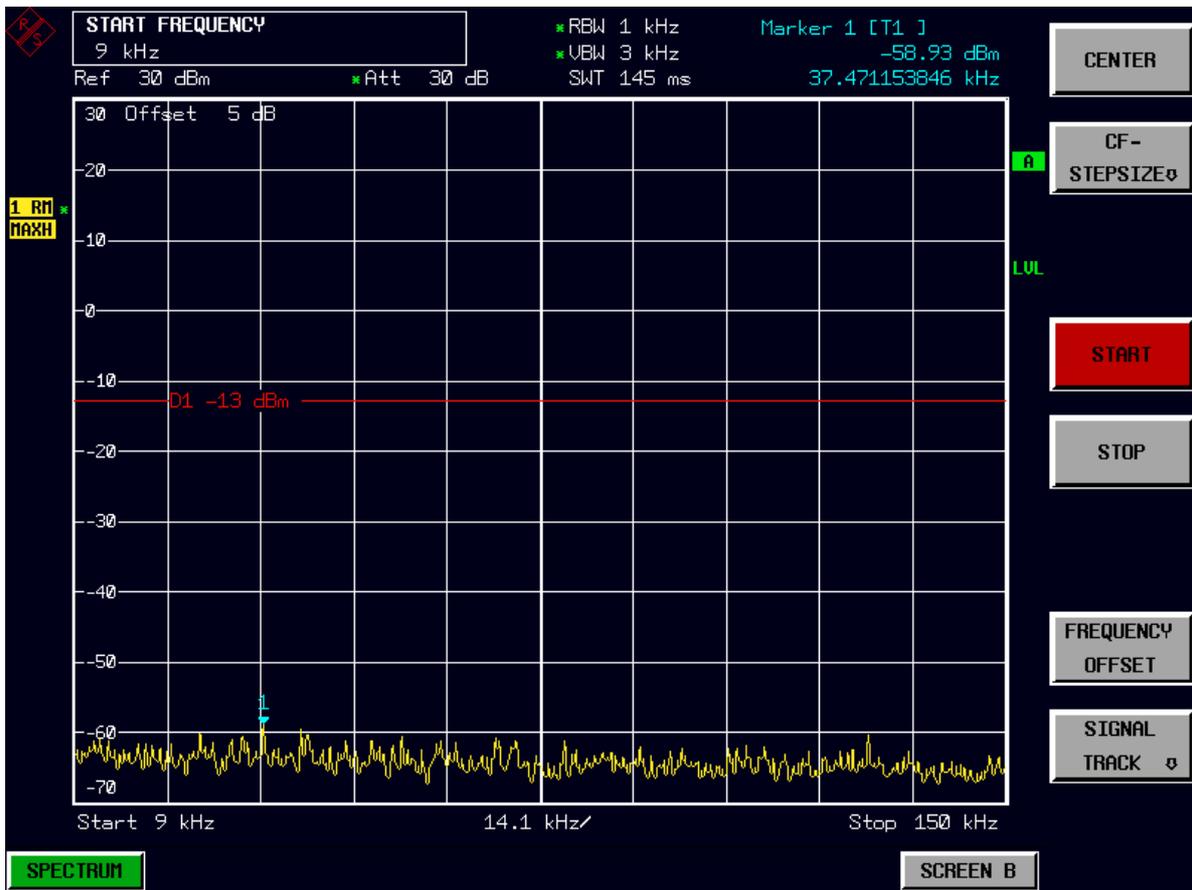


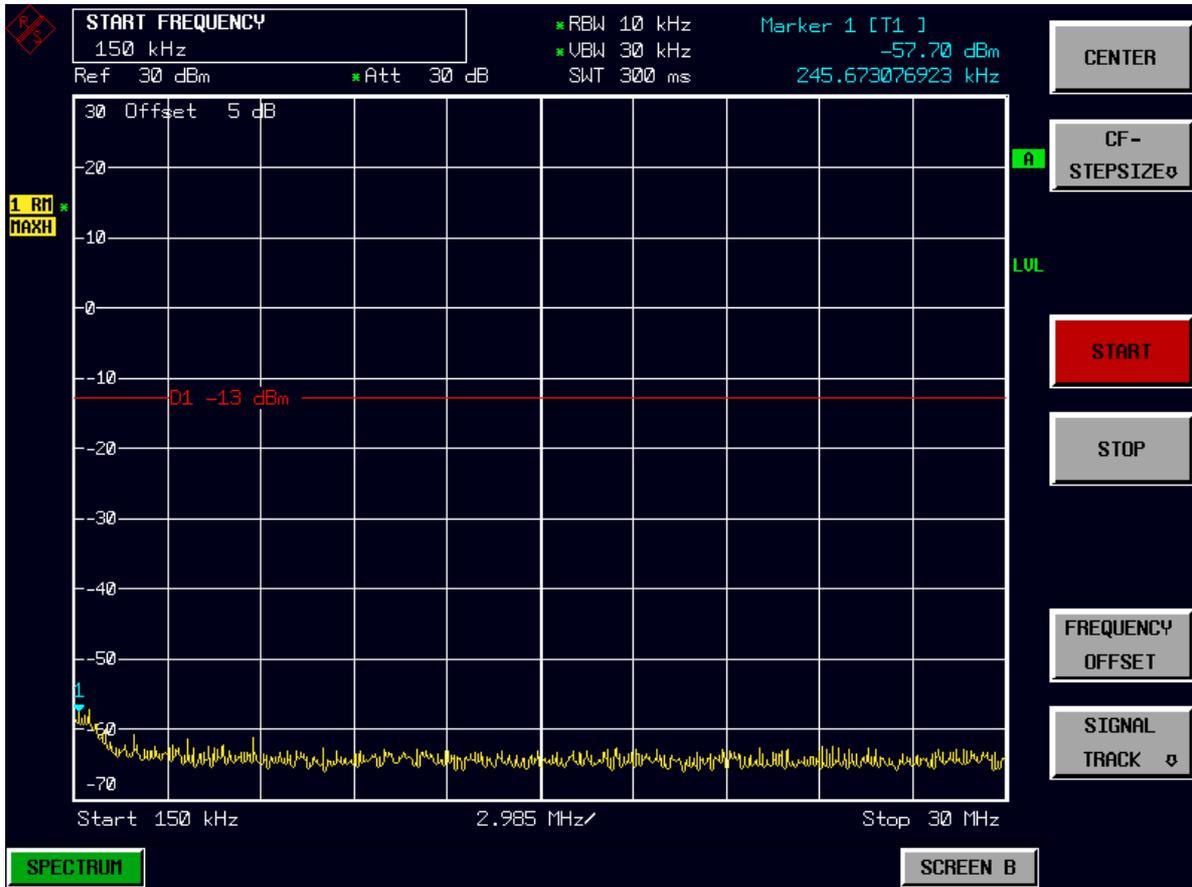


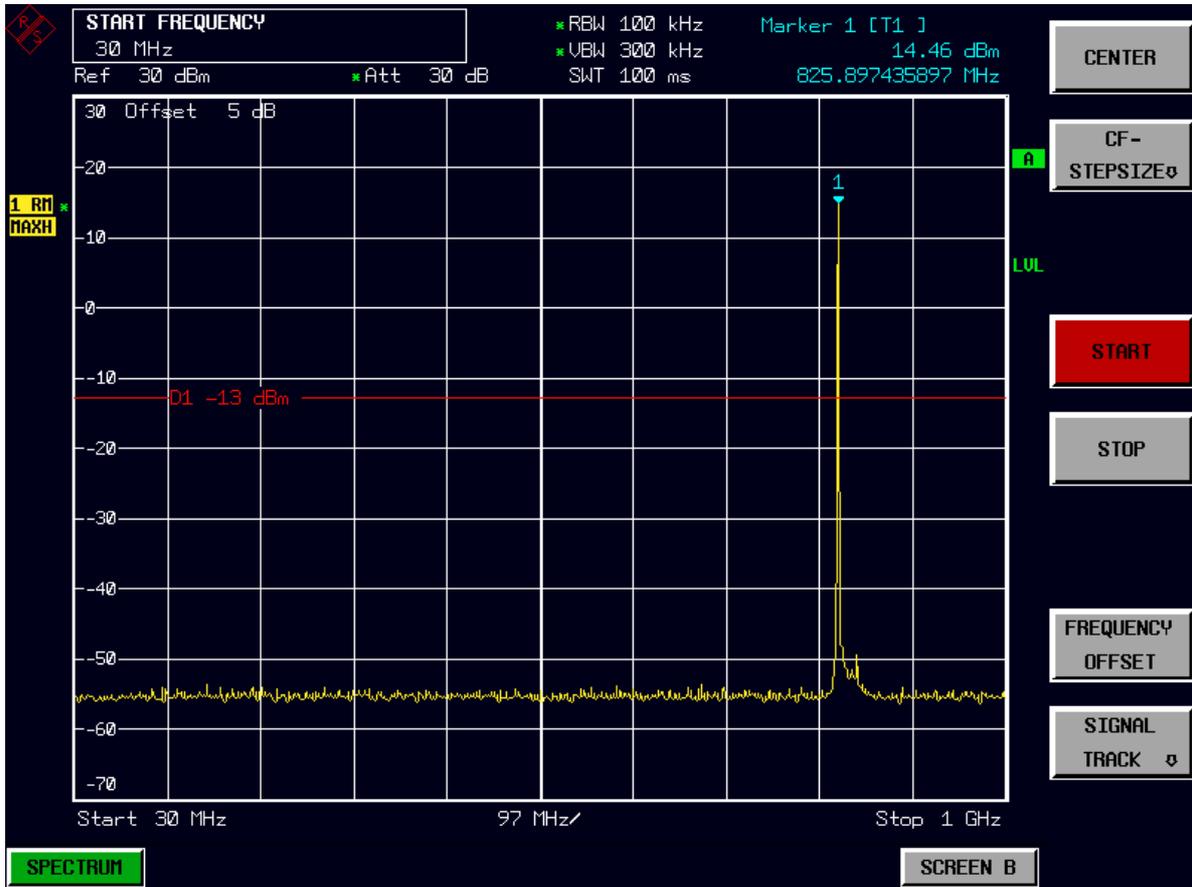


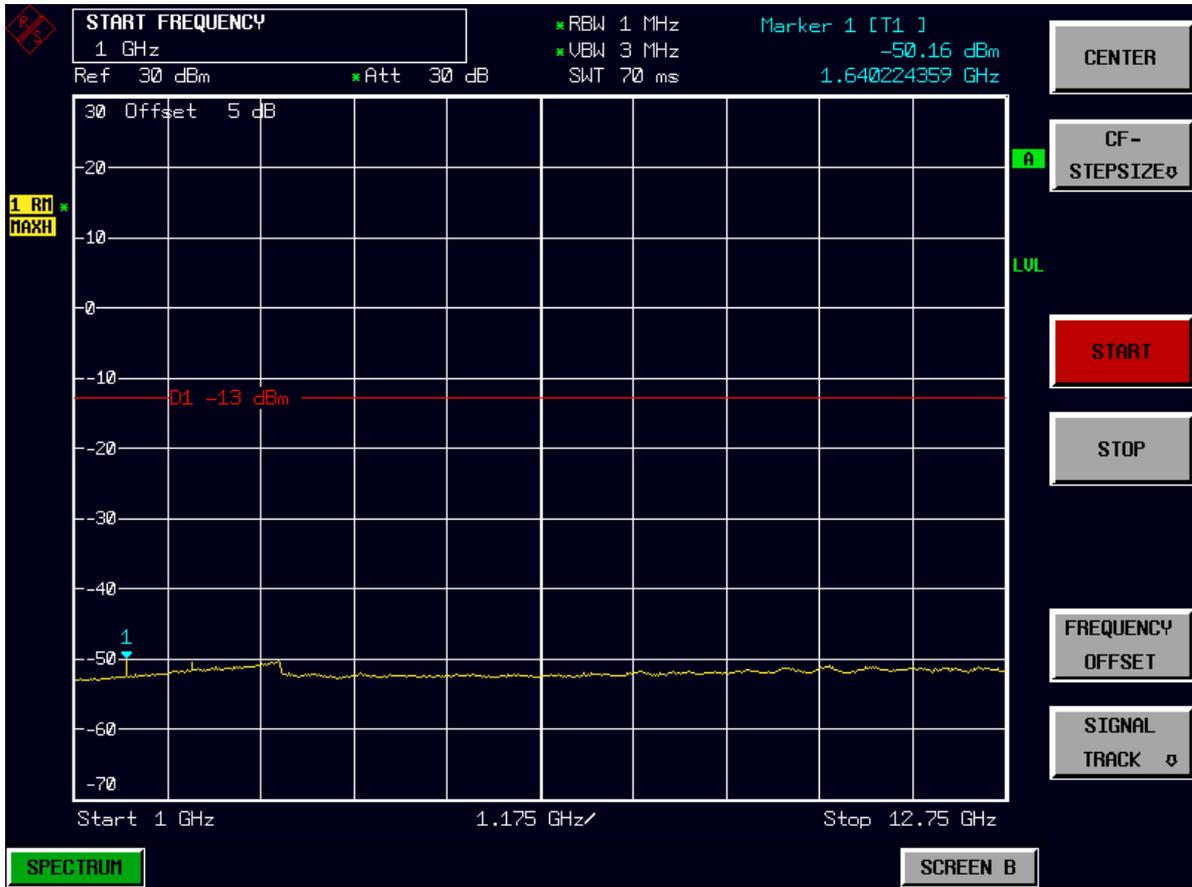
EVDO subtype 0

Channel 1013

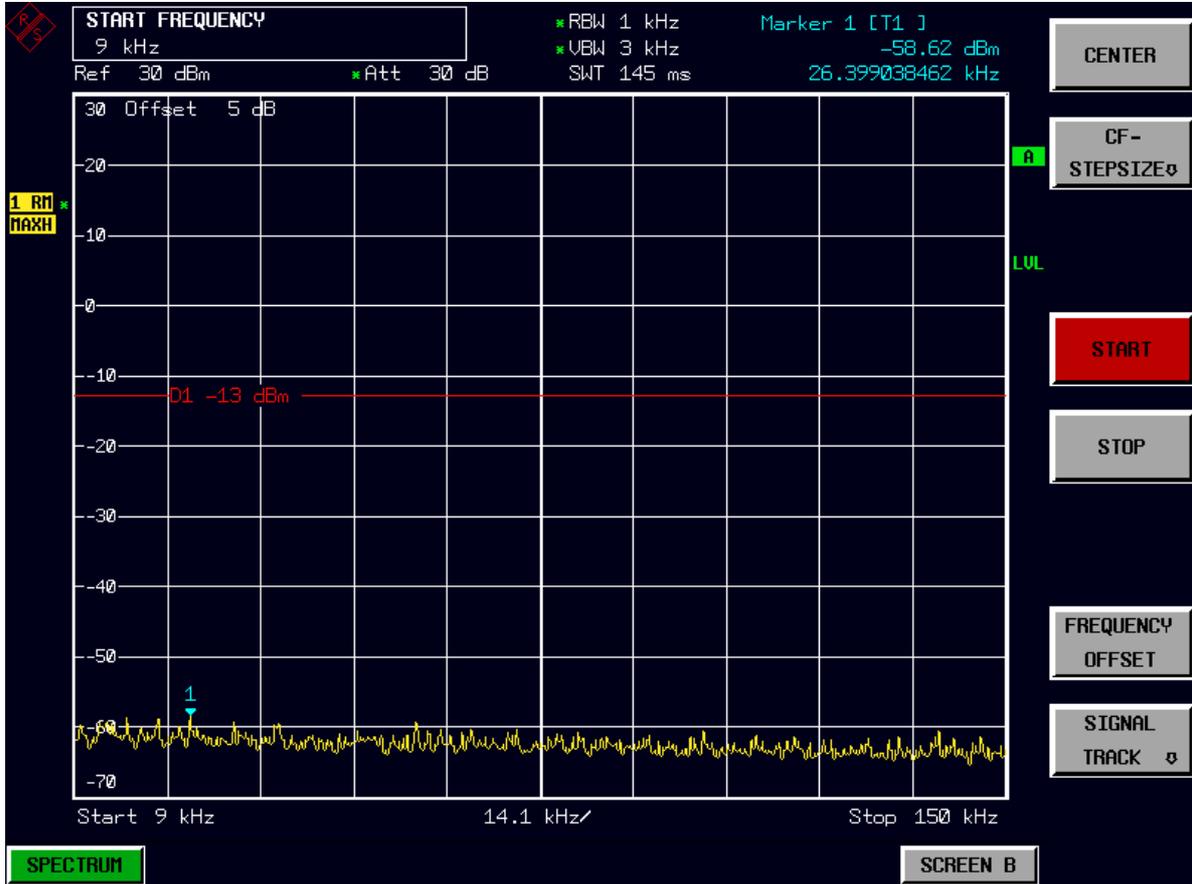


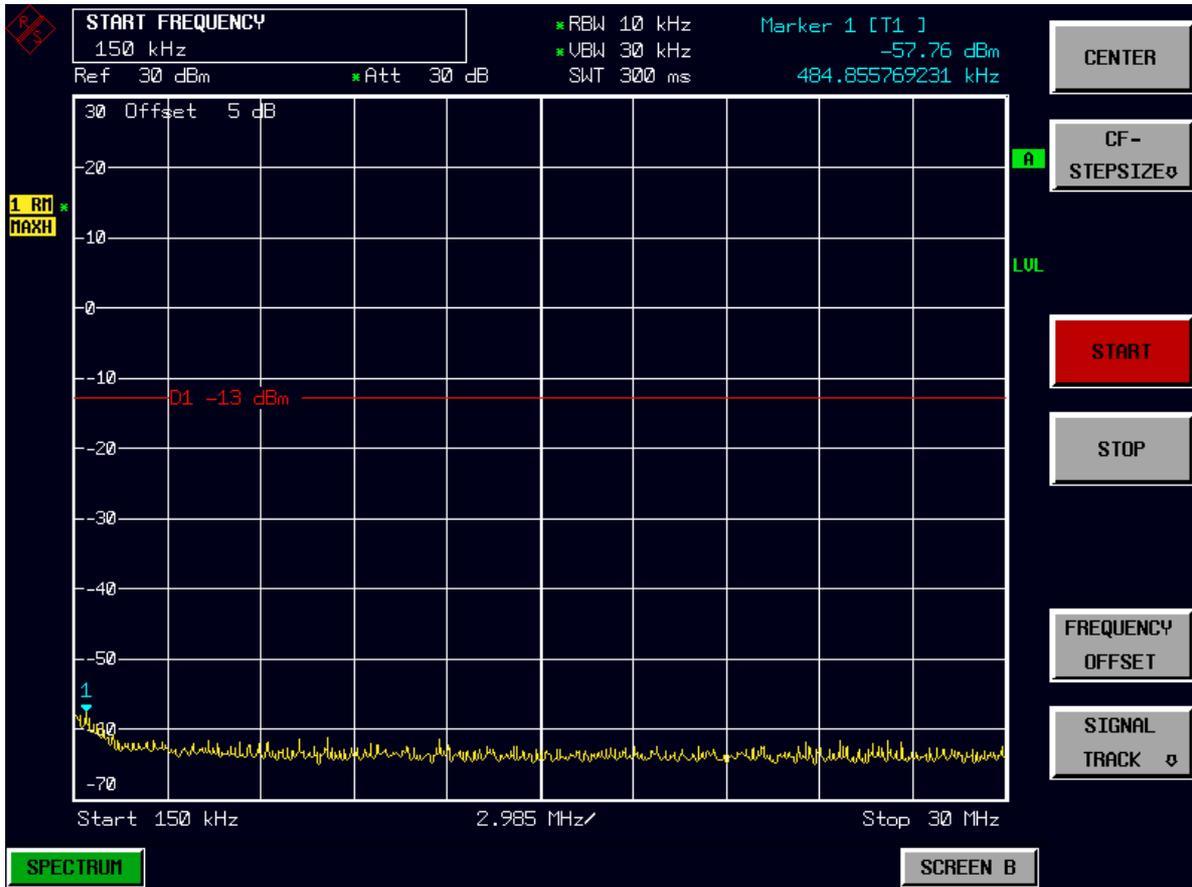


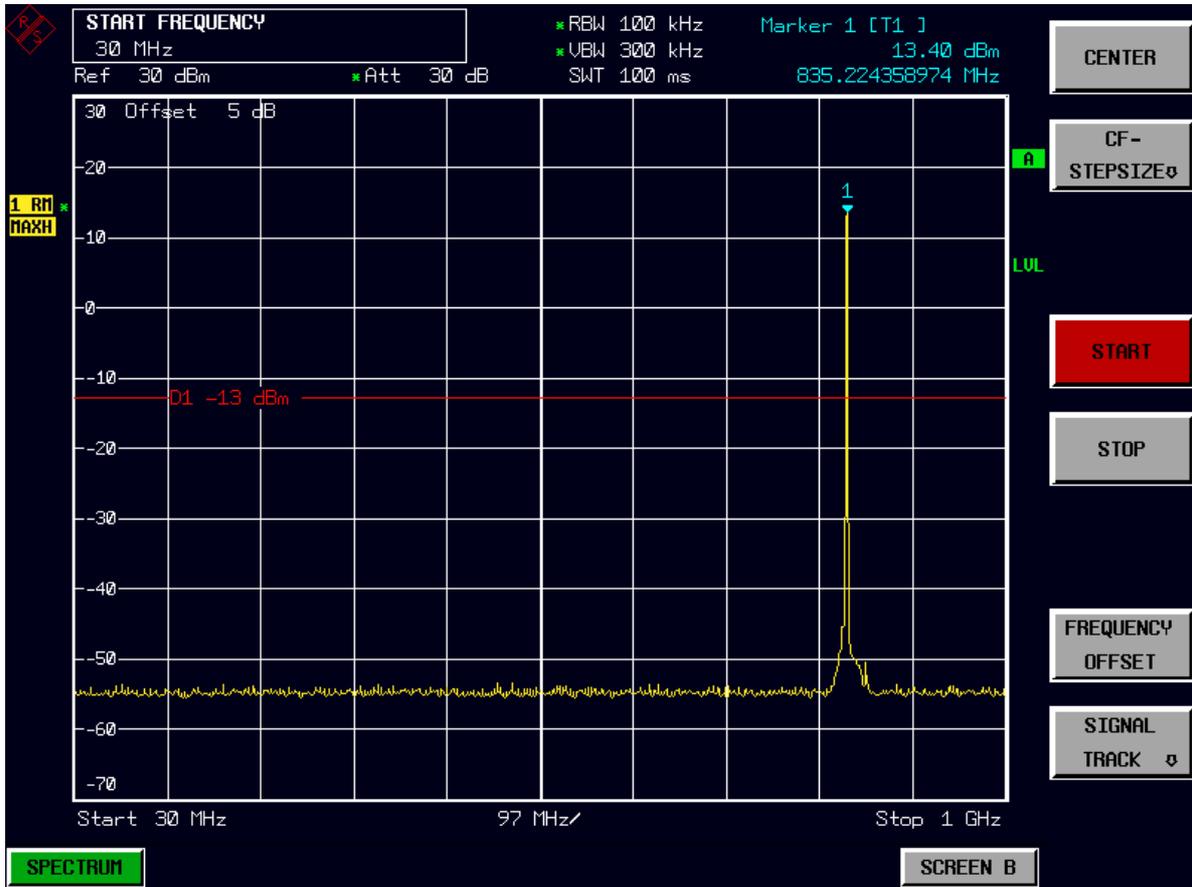


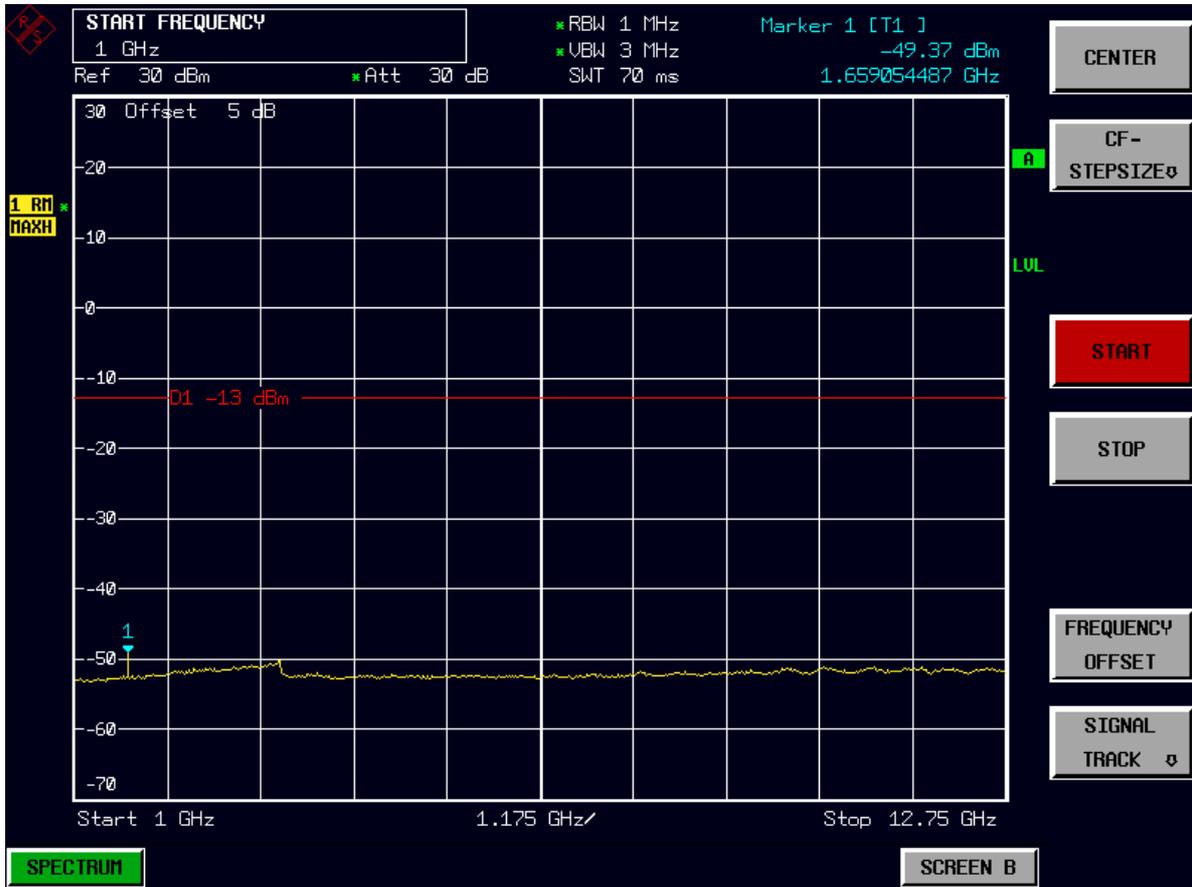


Channel 283

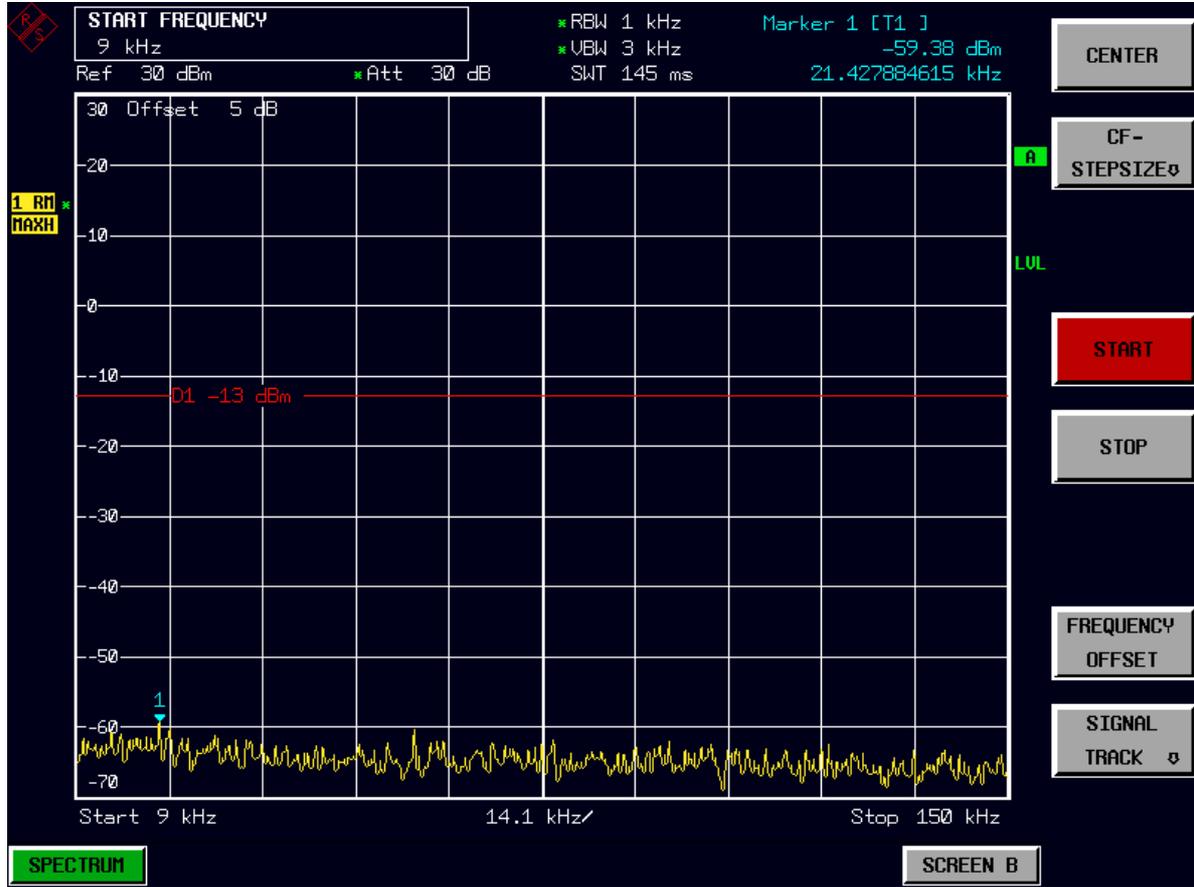


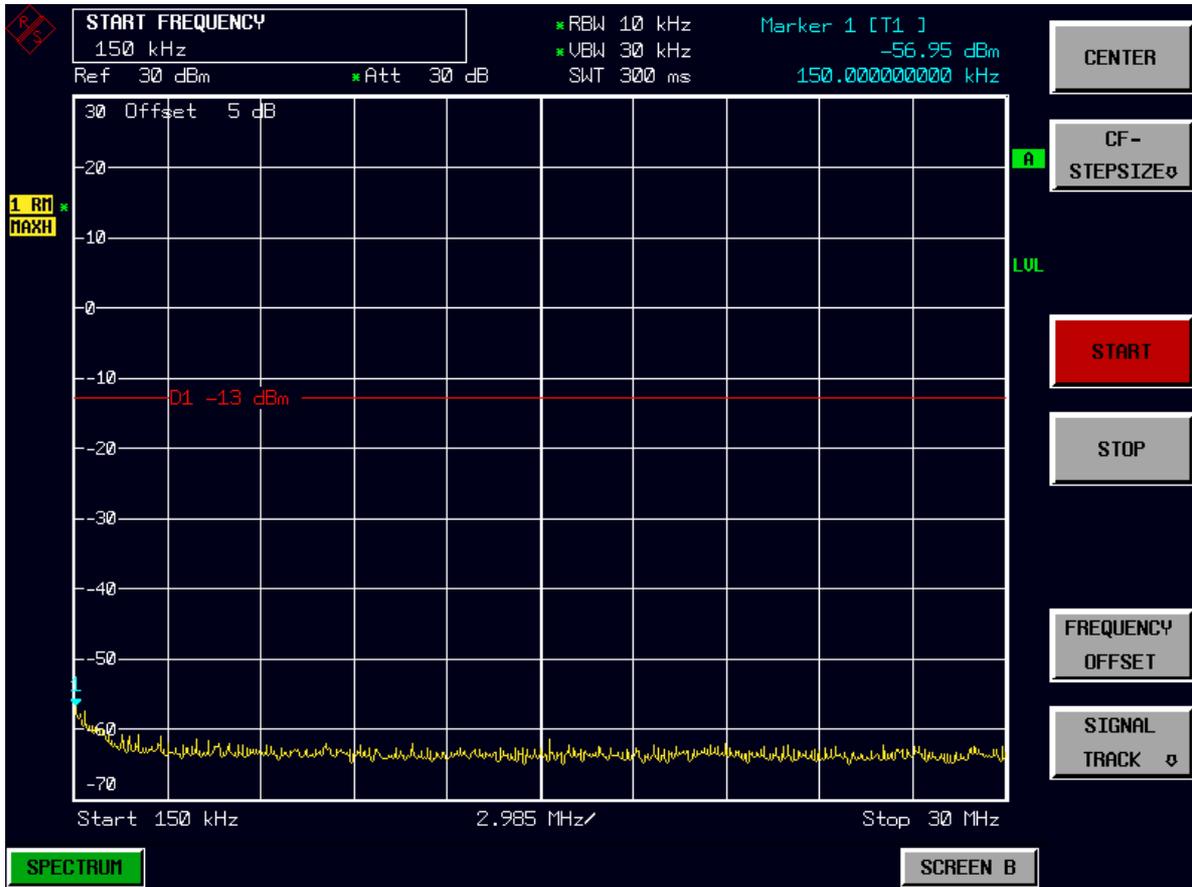


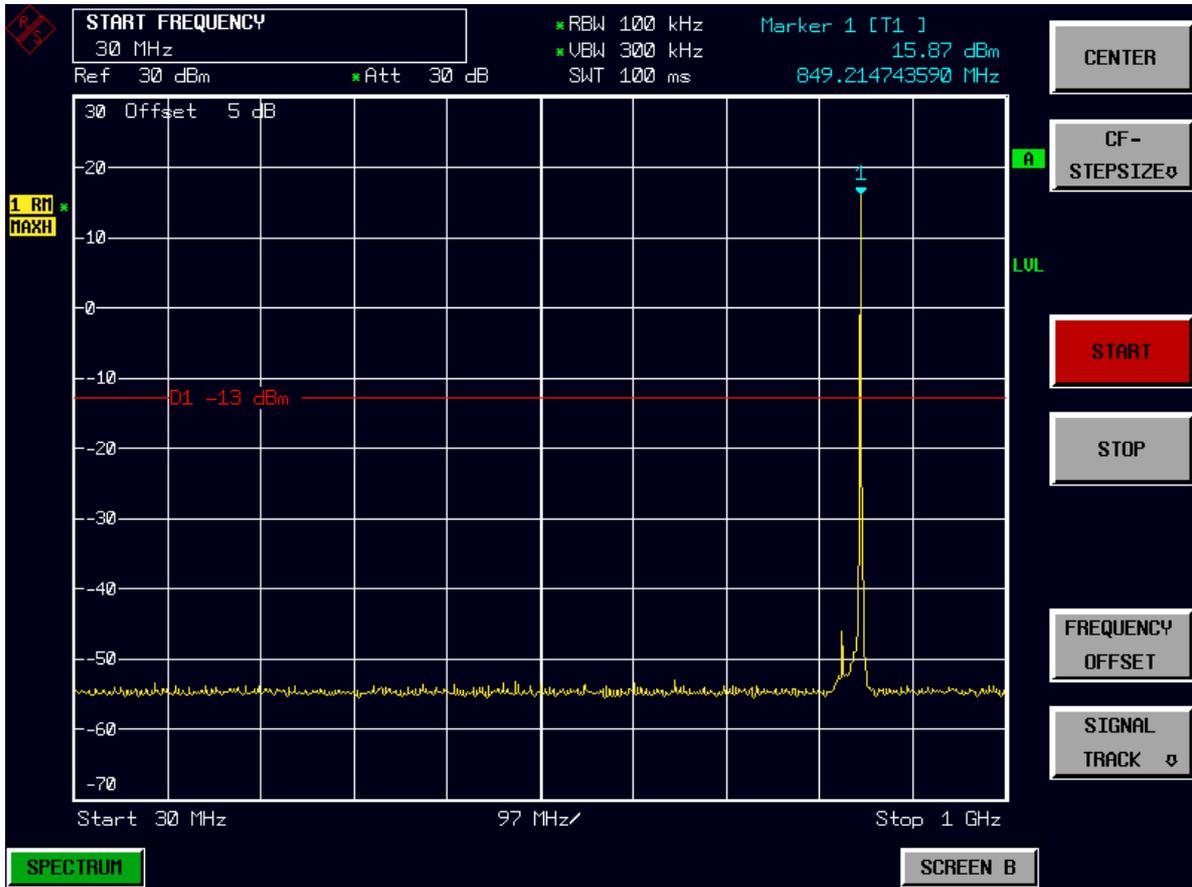


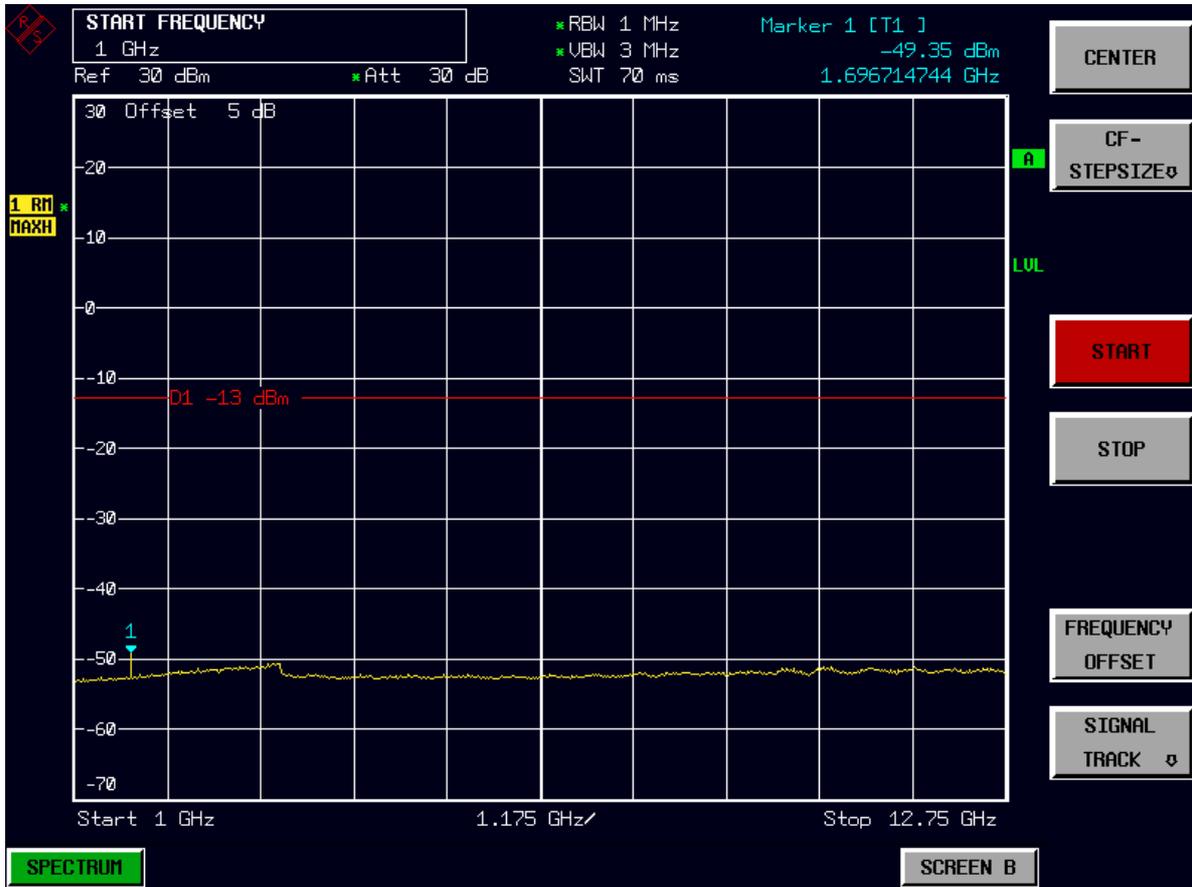


Channel 777





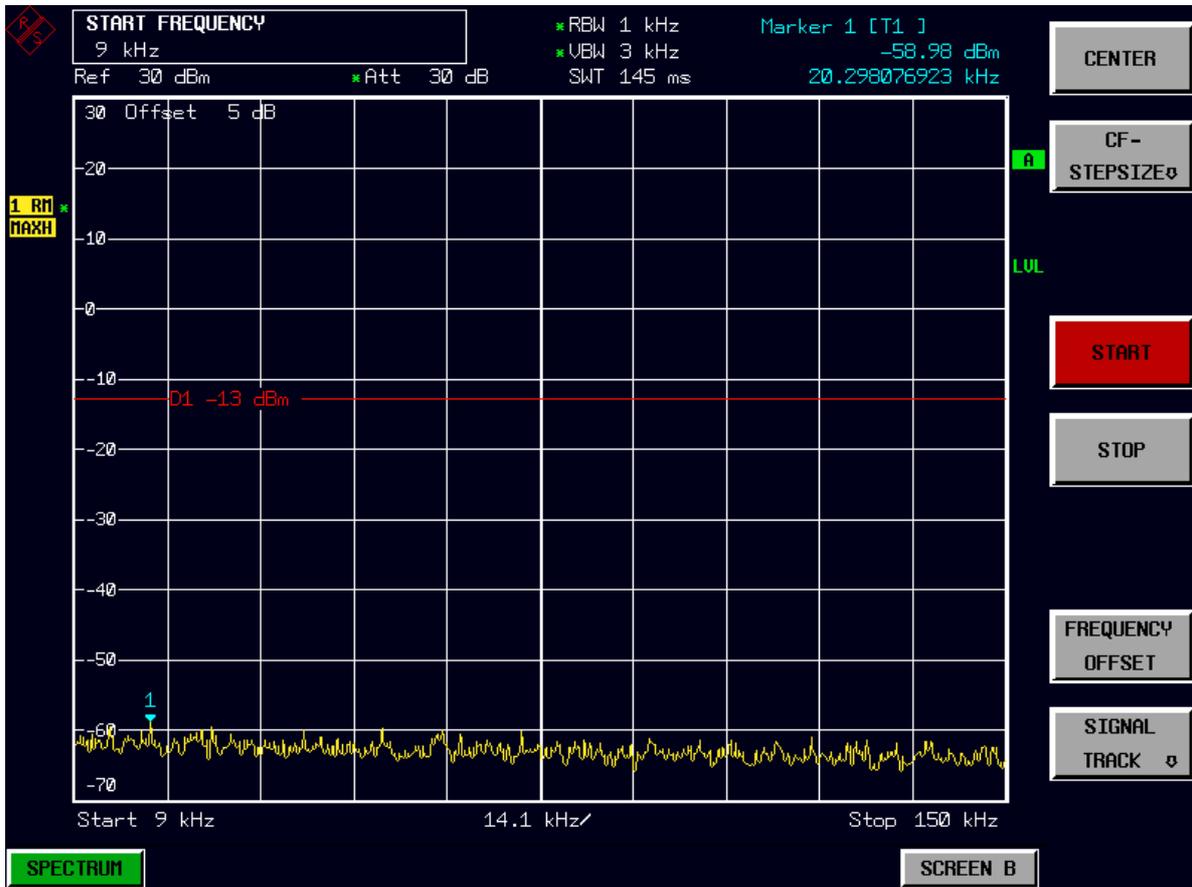


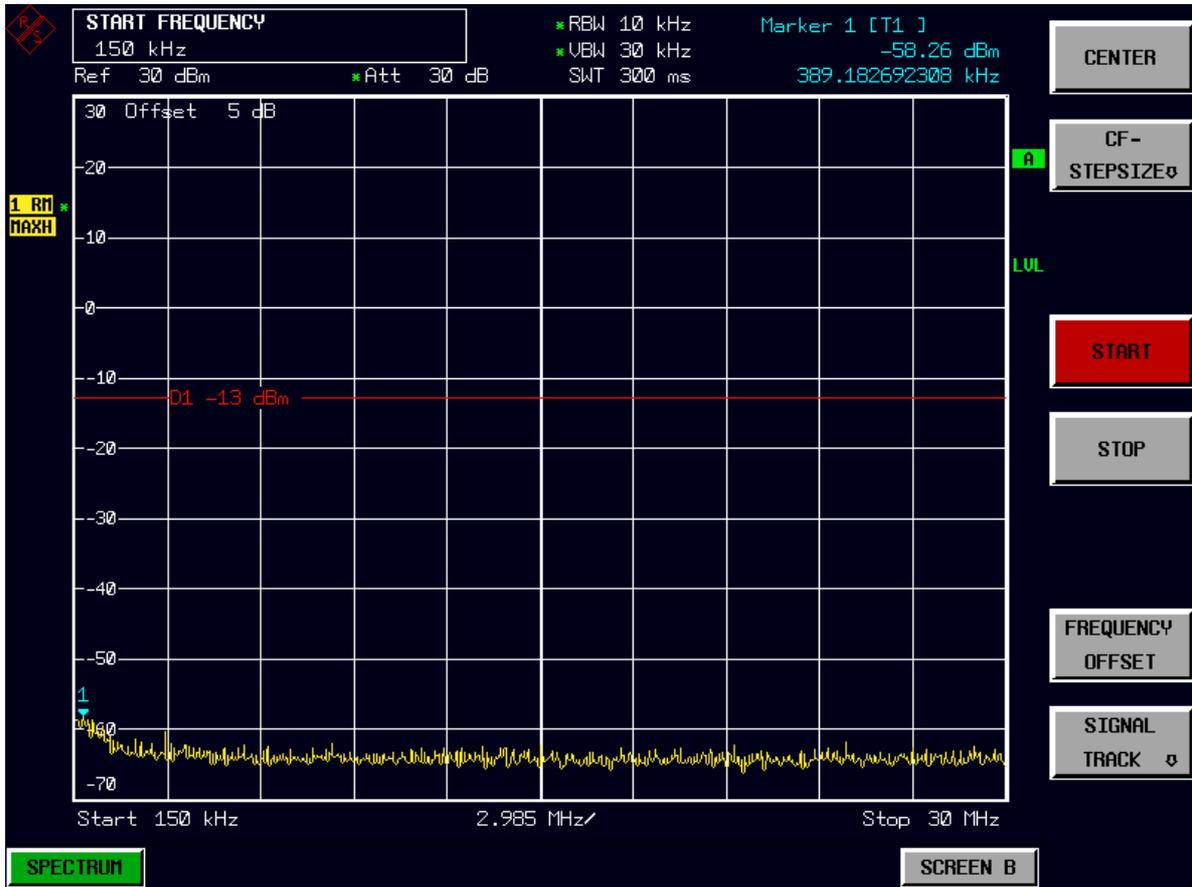


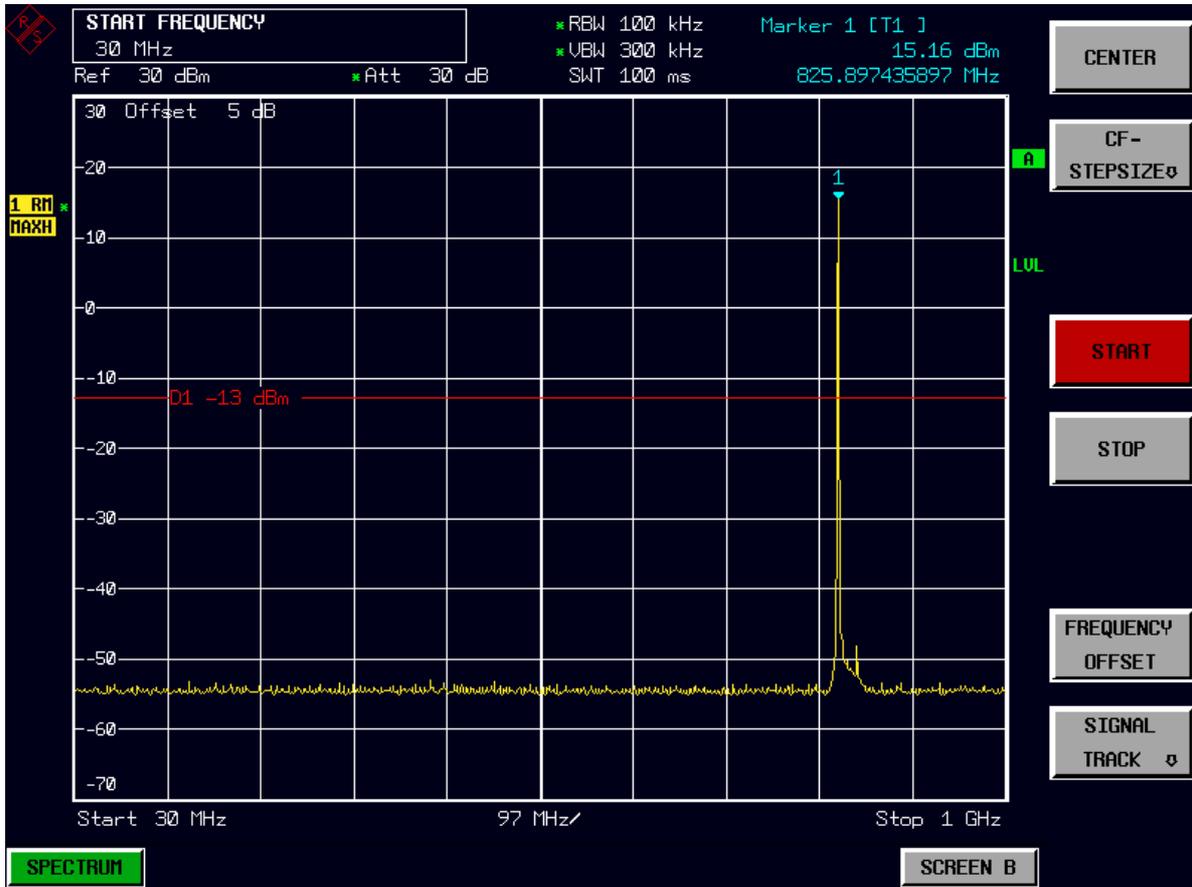
EVDO subtype 2

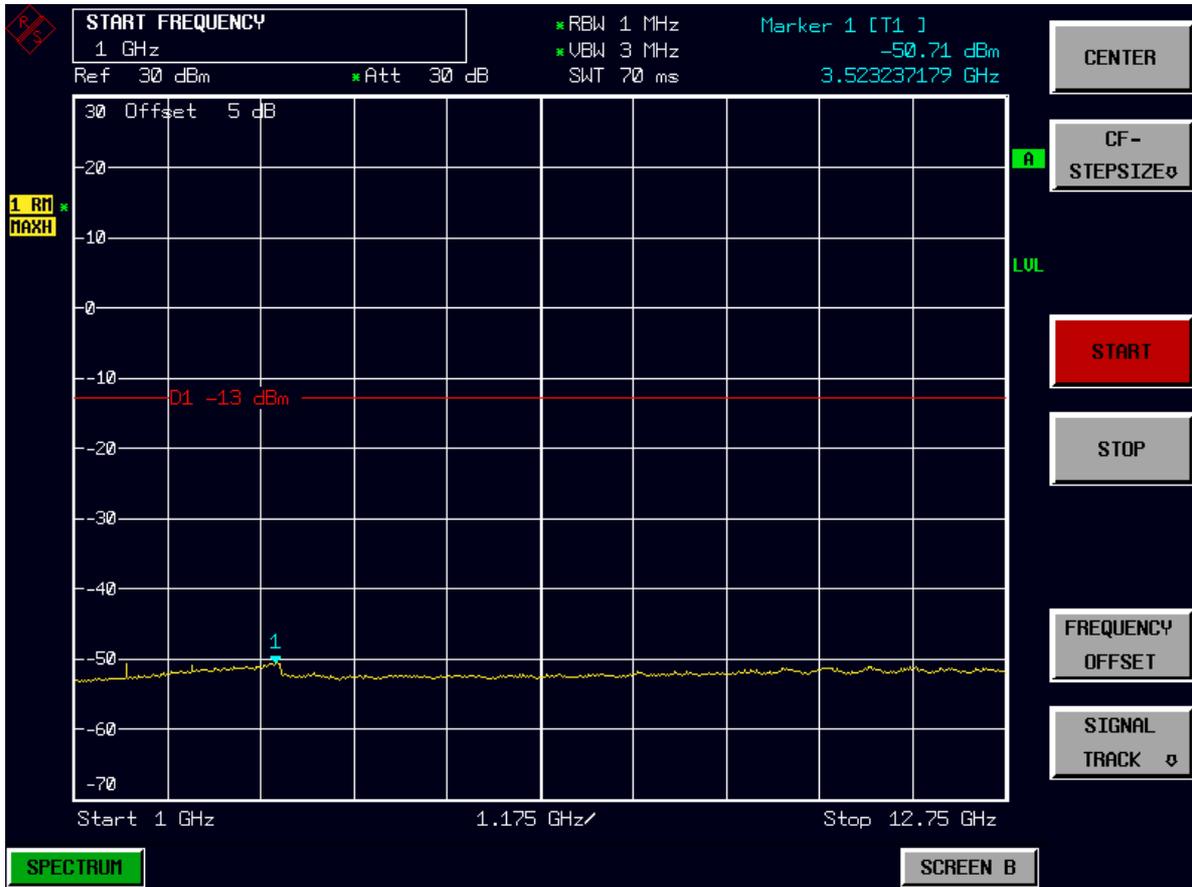
Modulation : BPSK

Channel 1013

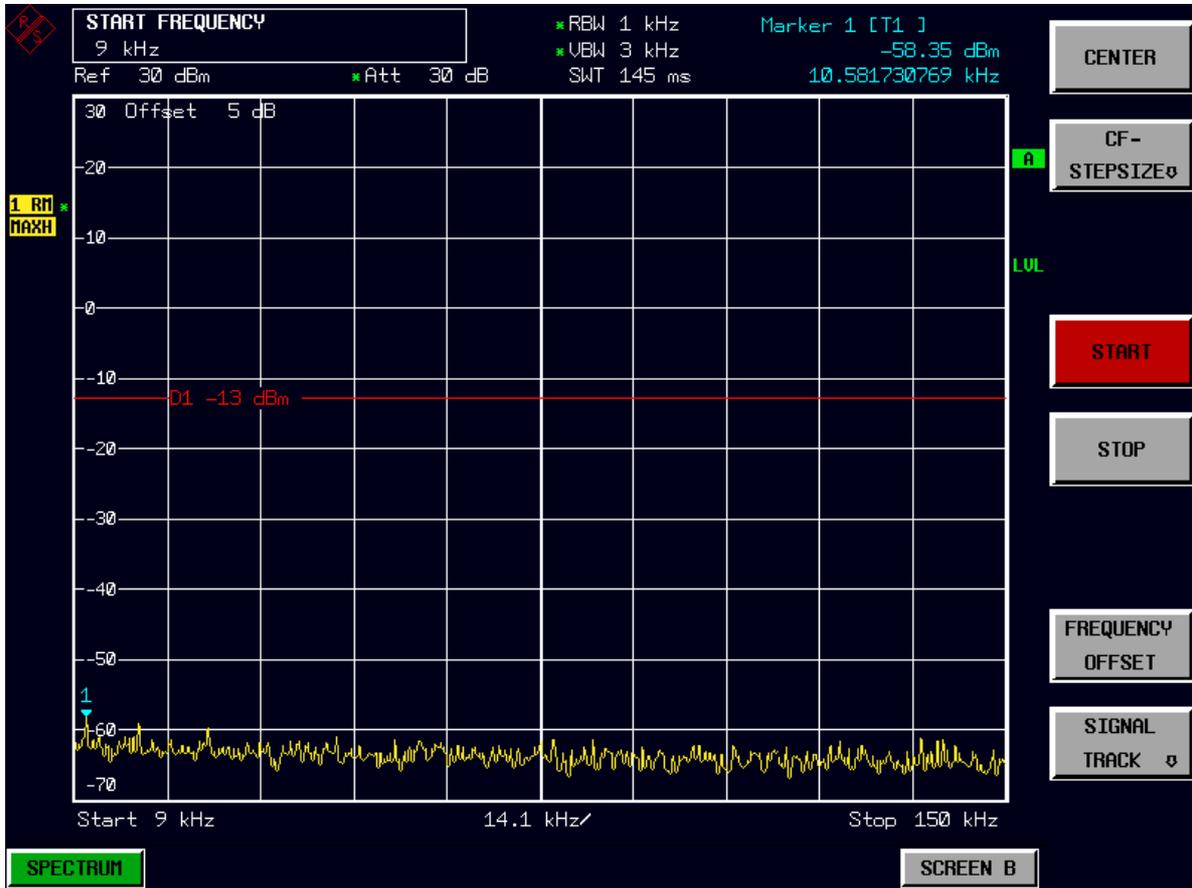


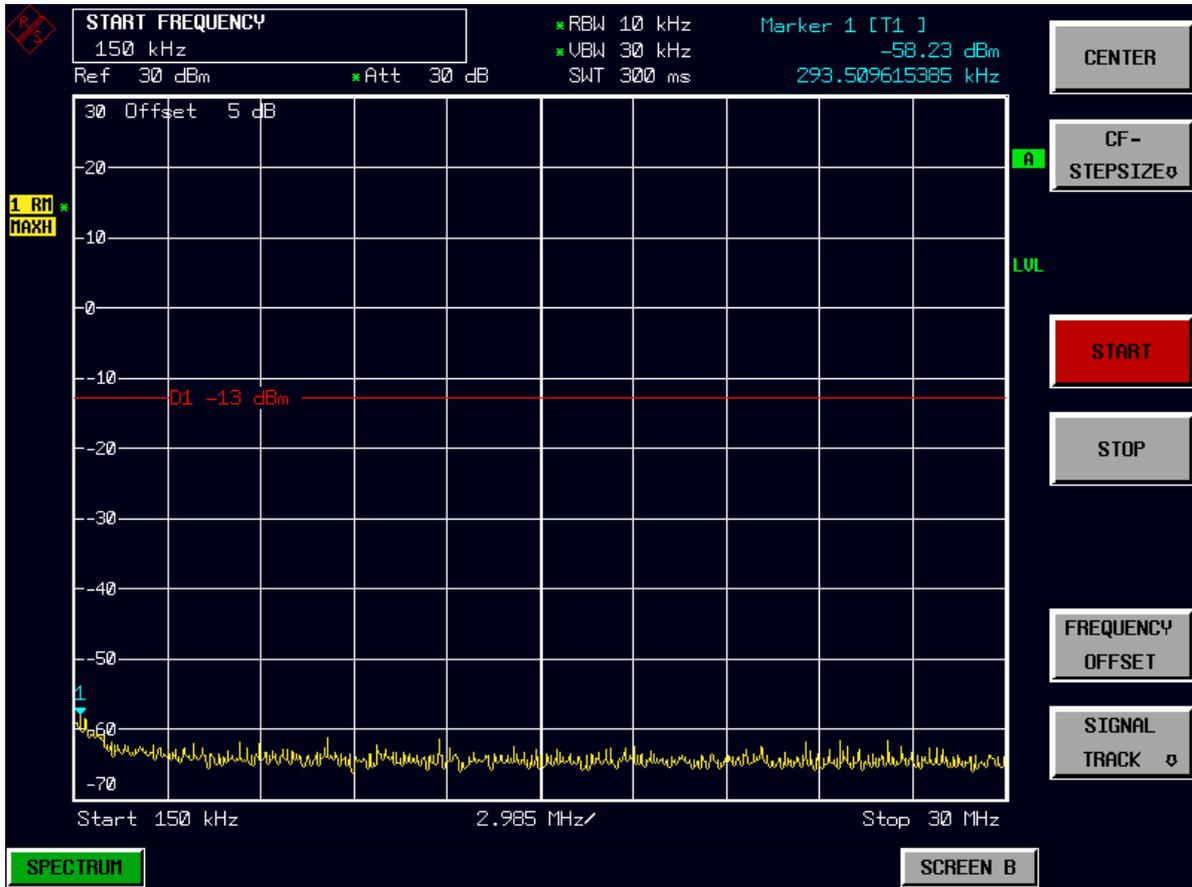


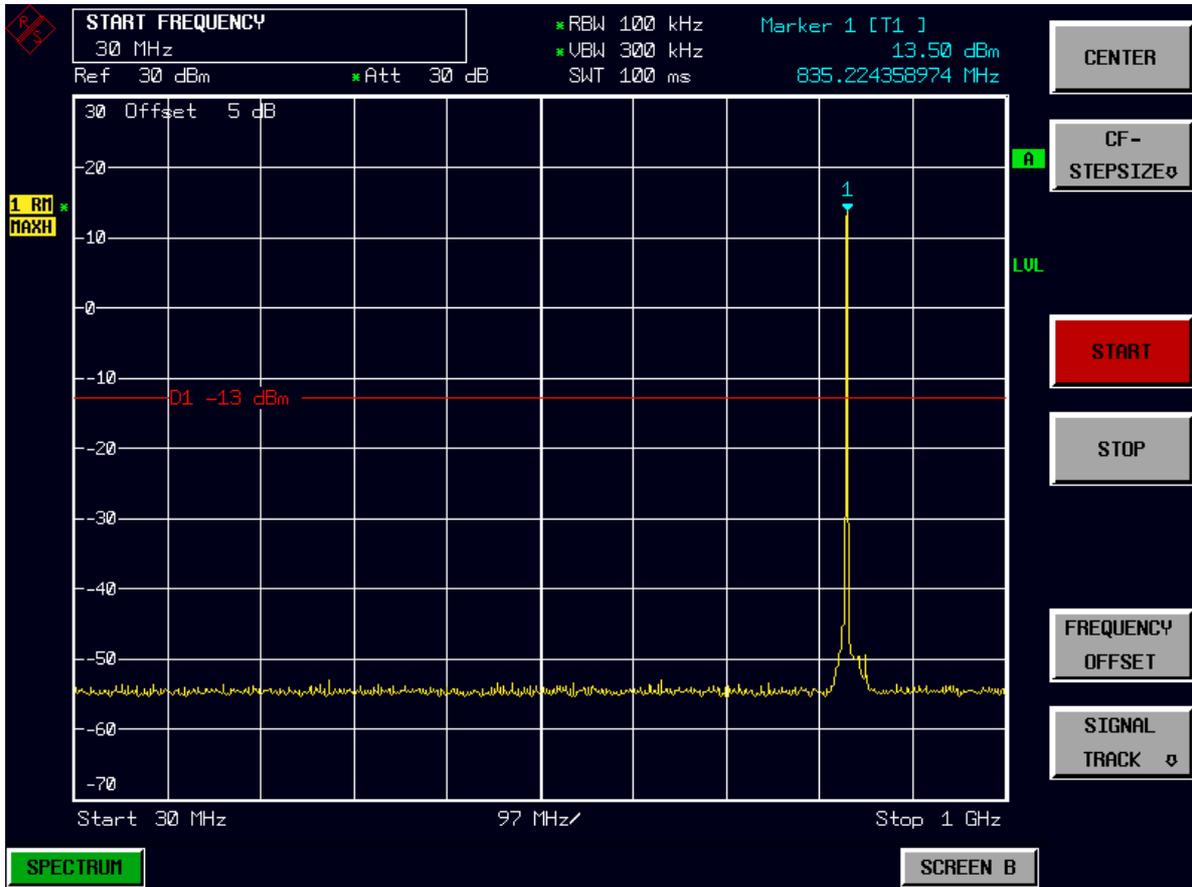


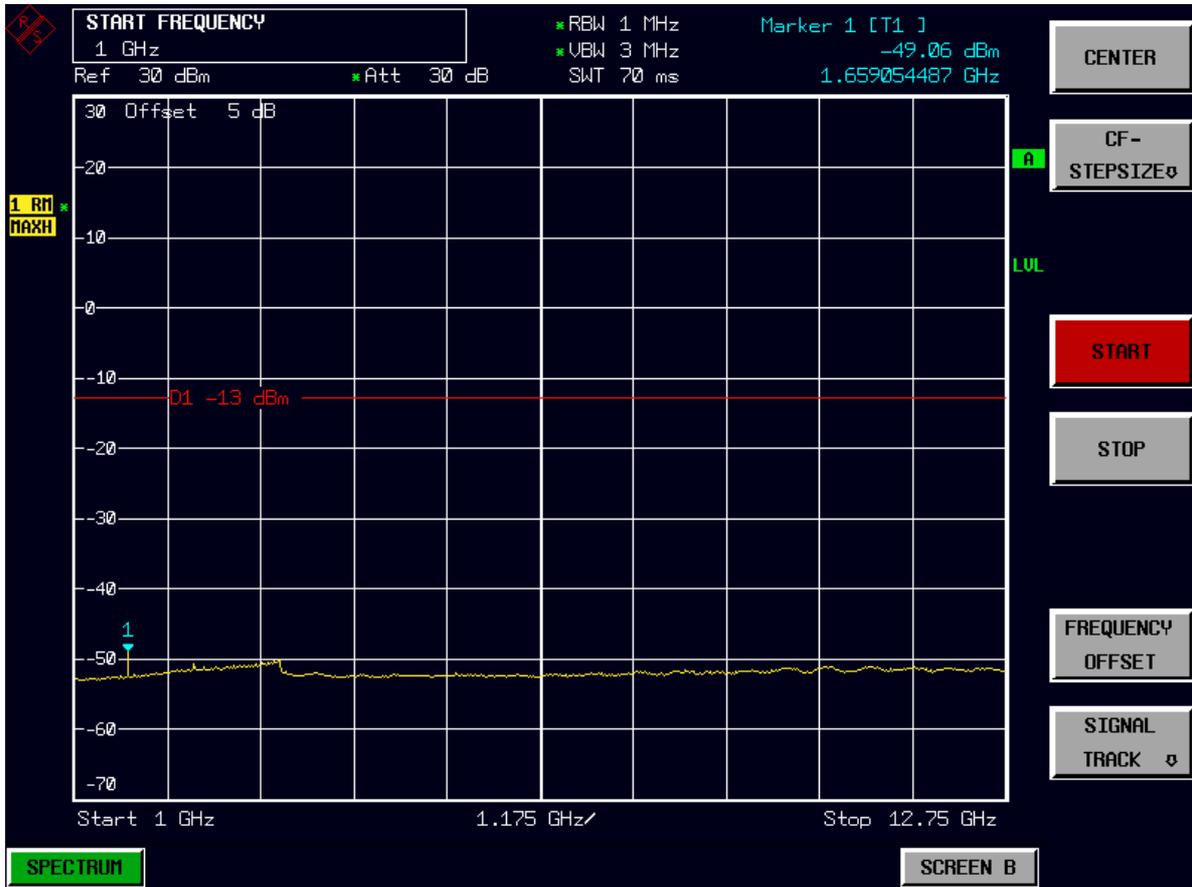


Channel 283

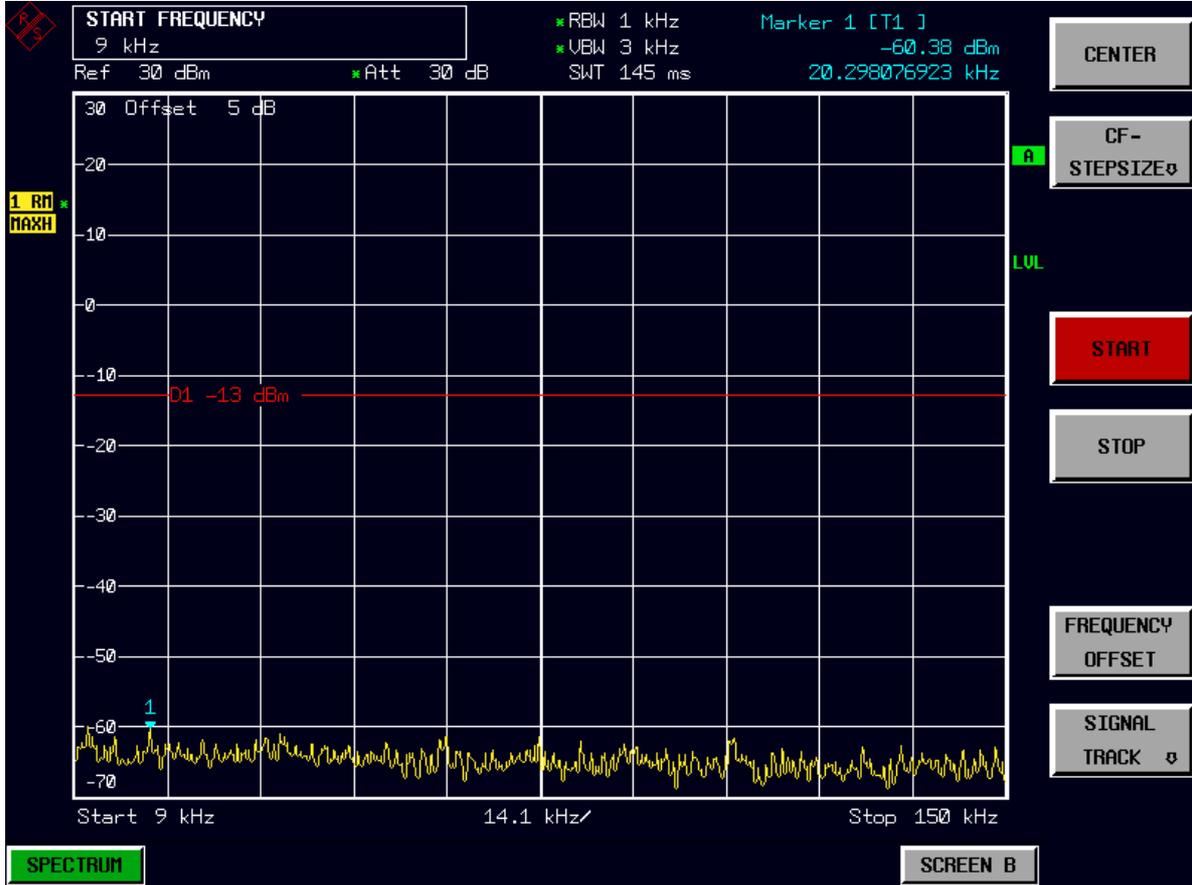


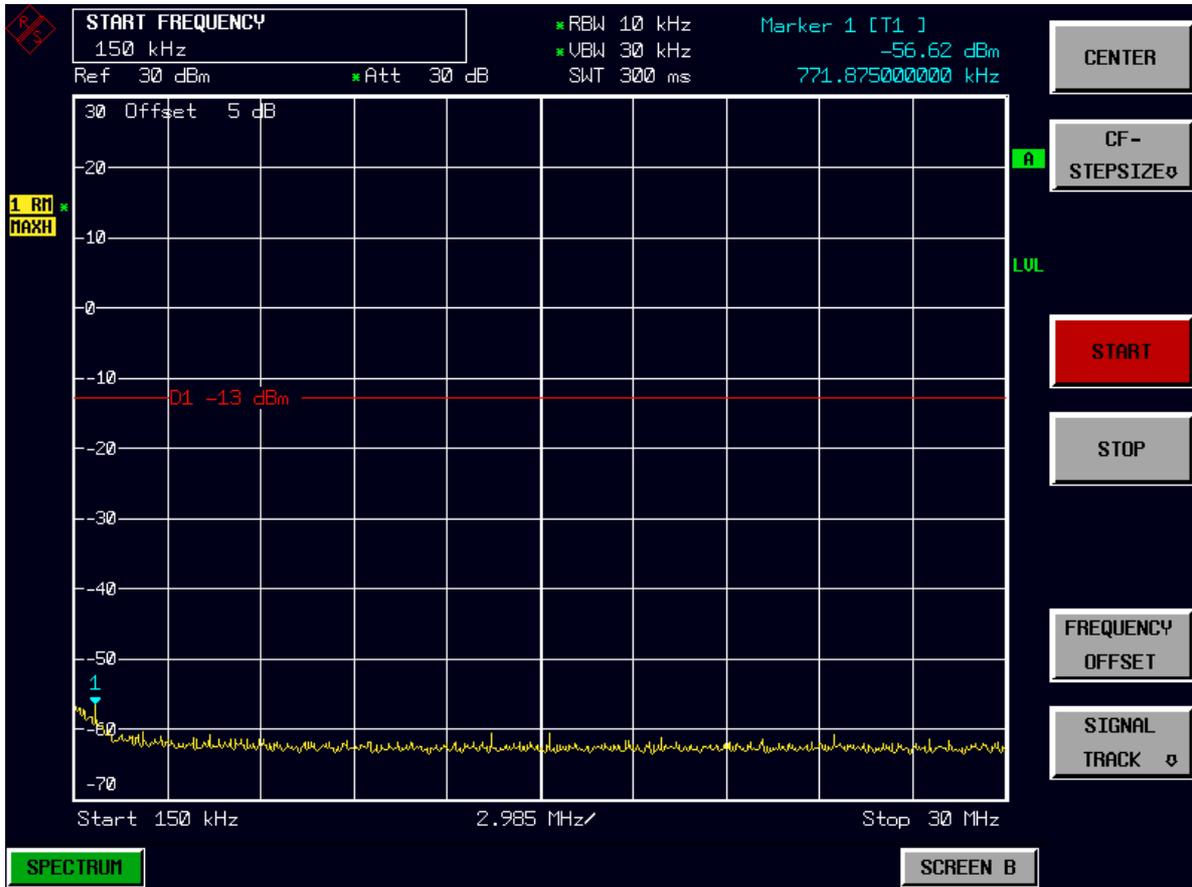


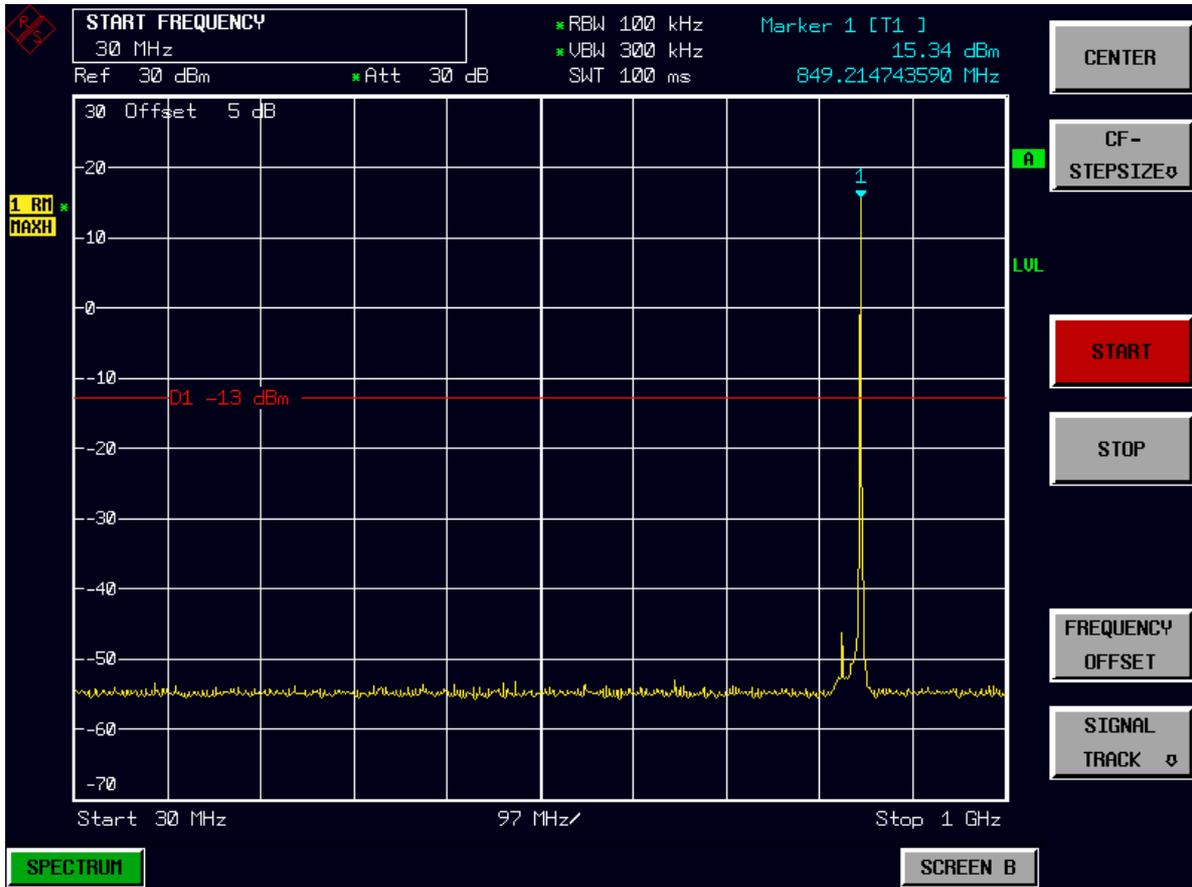


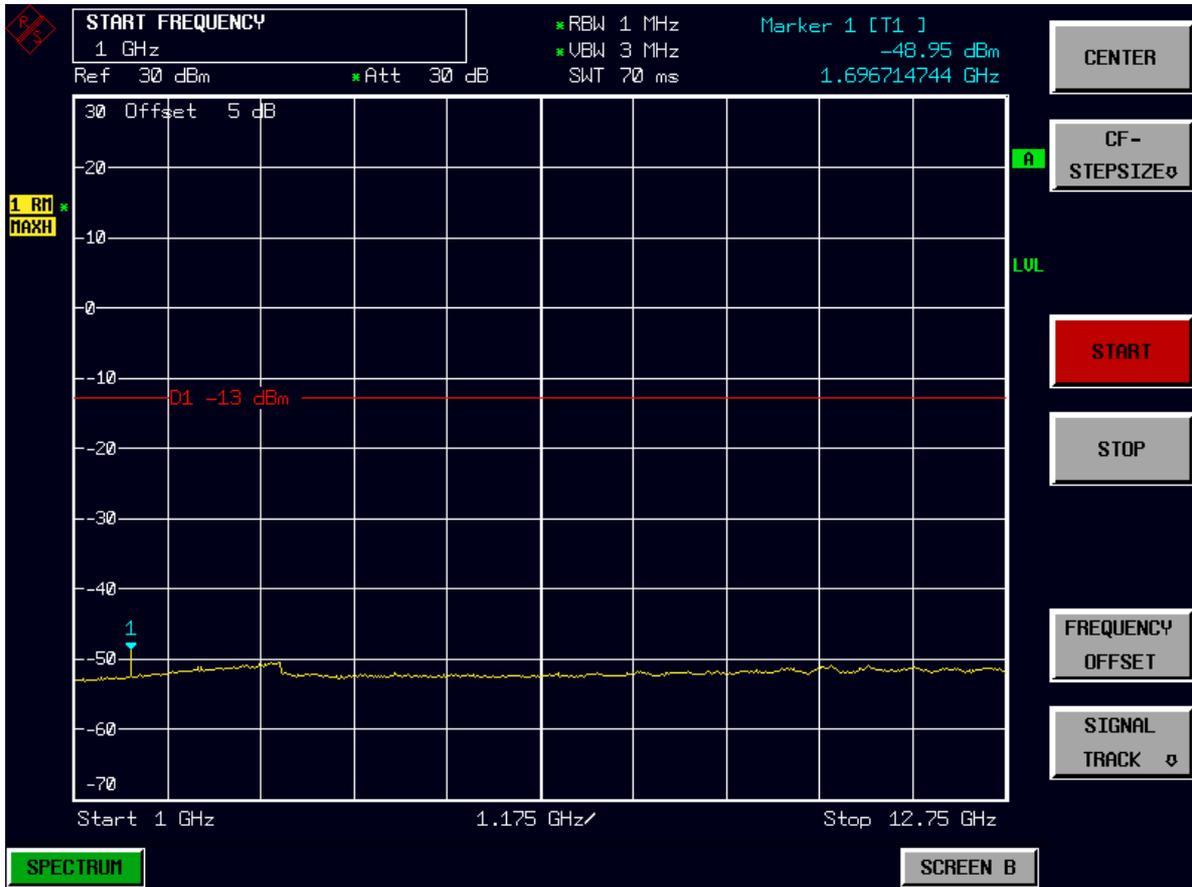


Channel 777



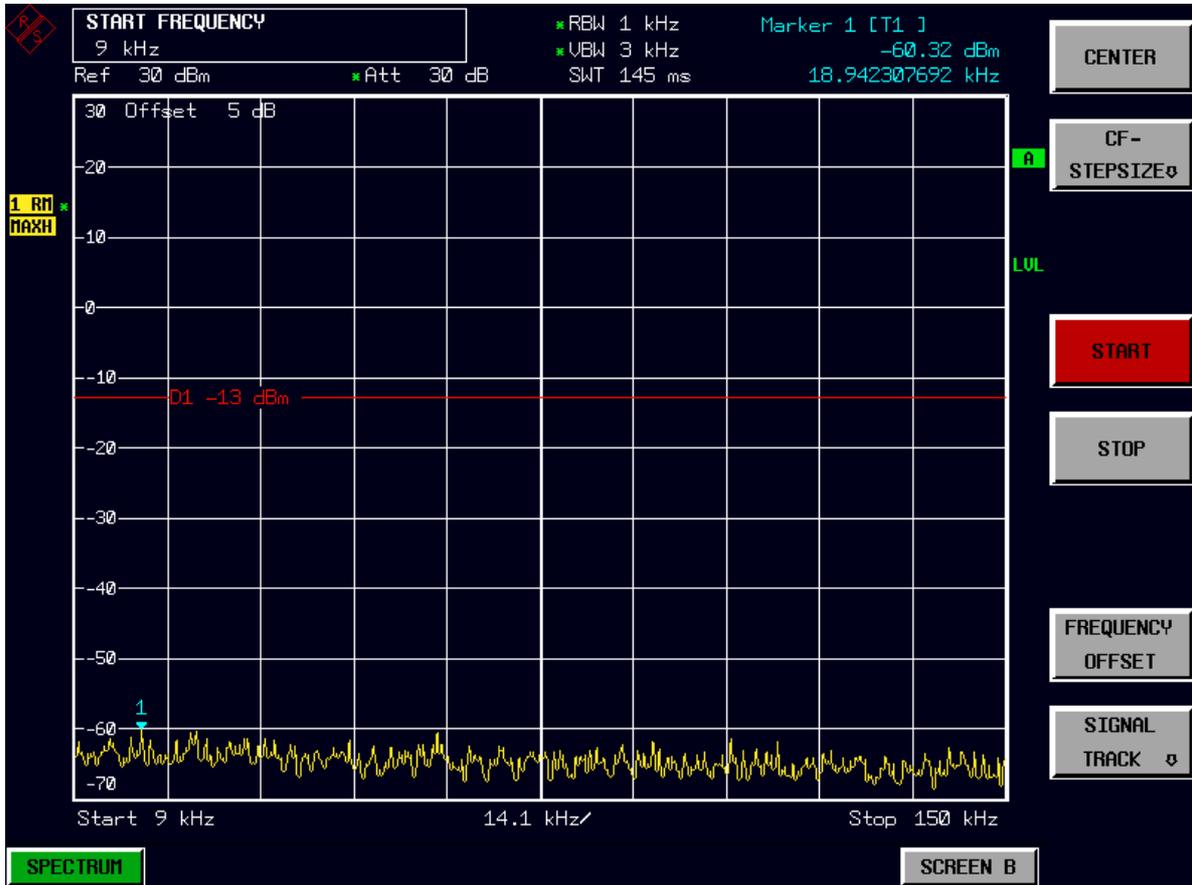


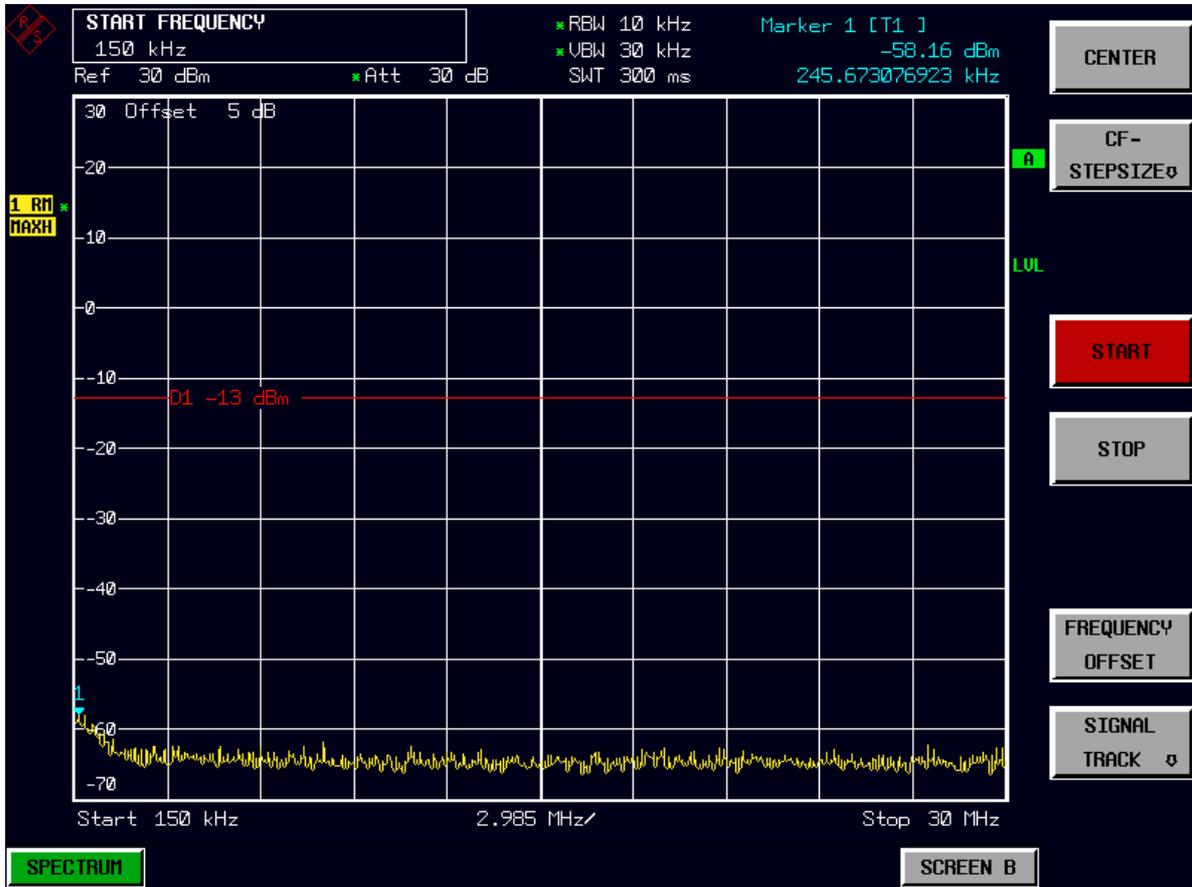


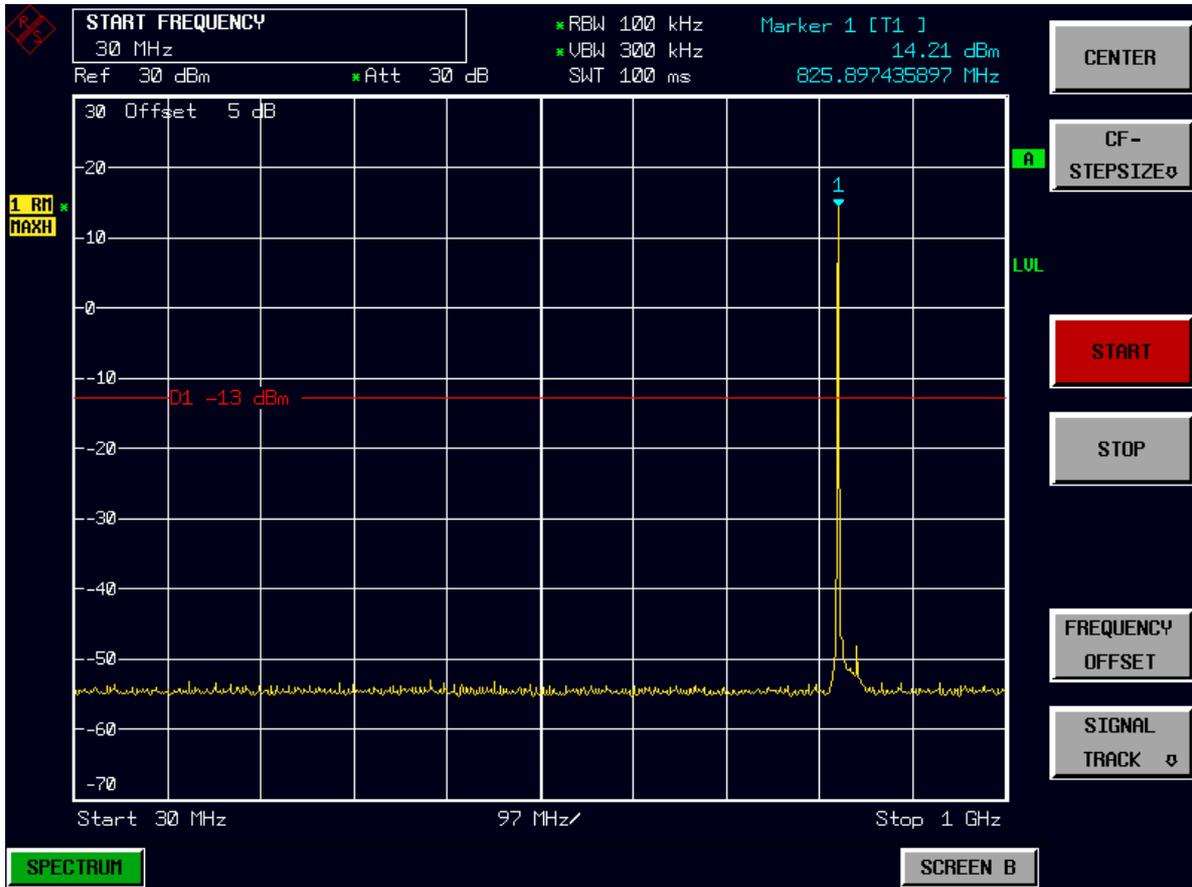


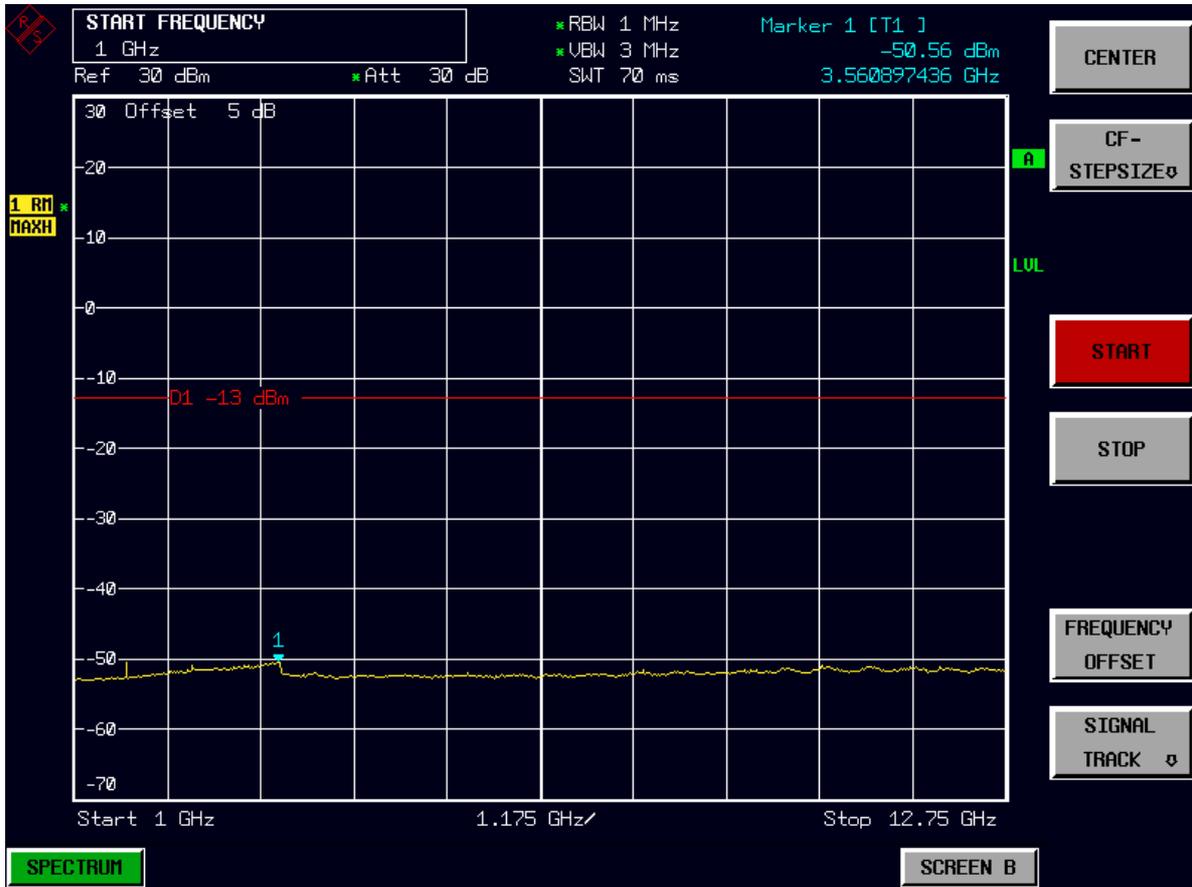
Modulation : QPSK

Channel 1013

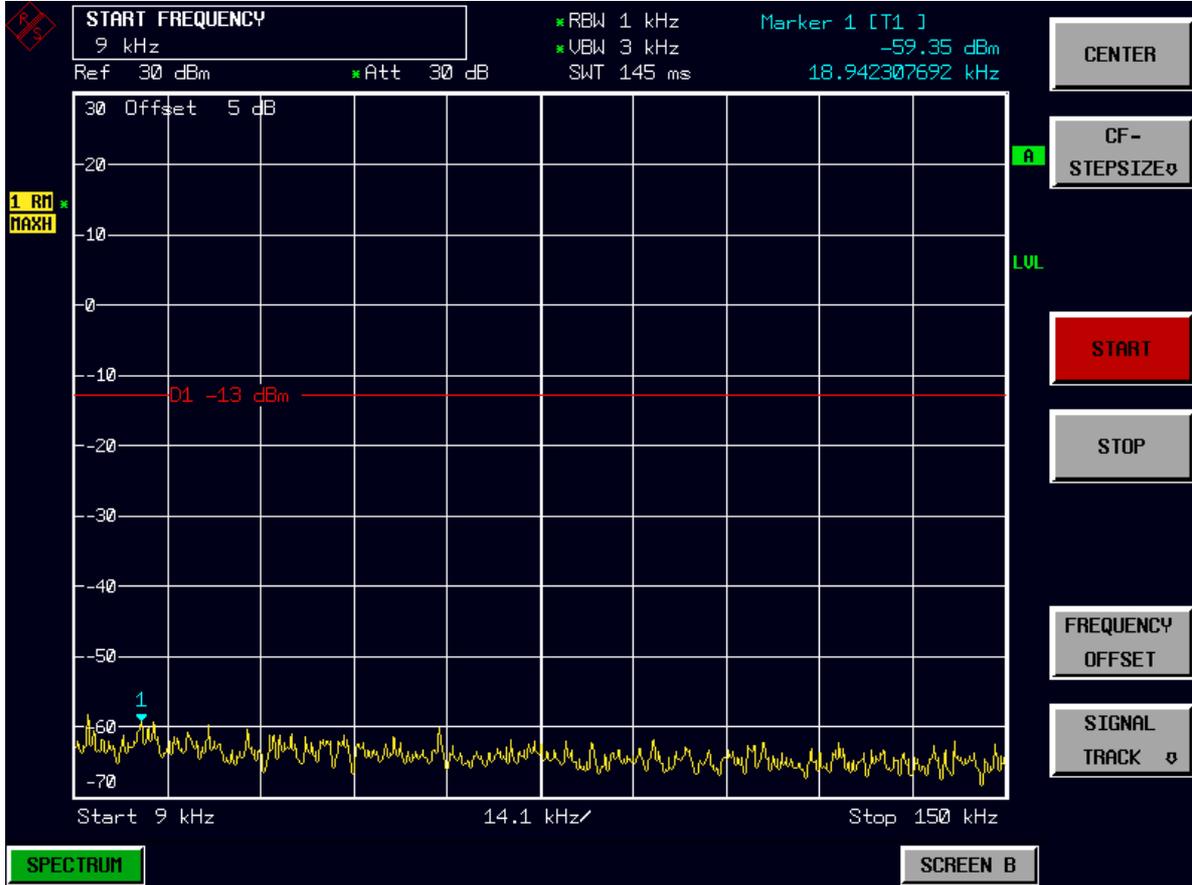


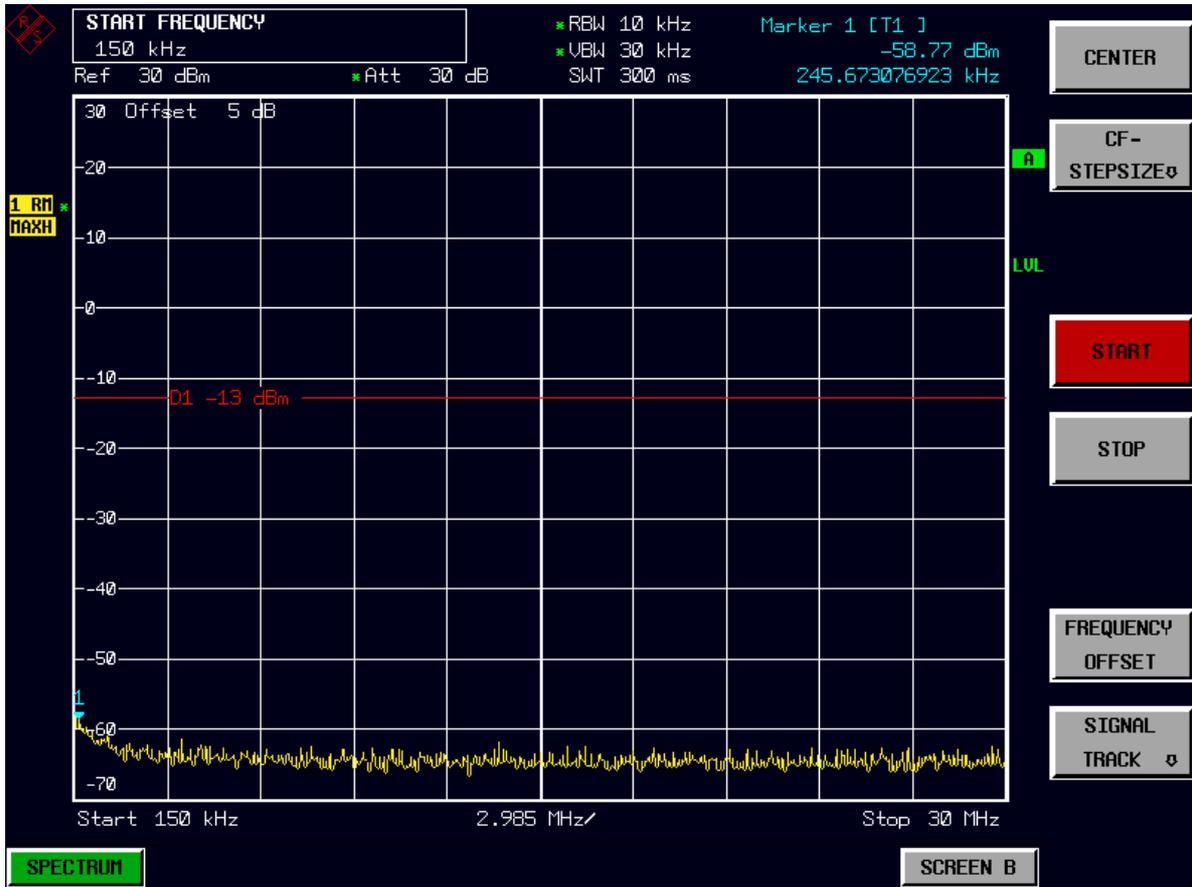


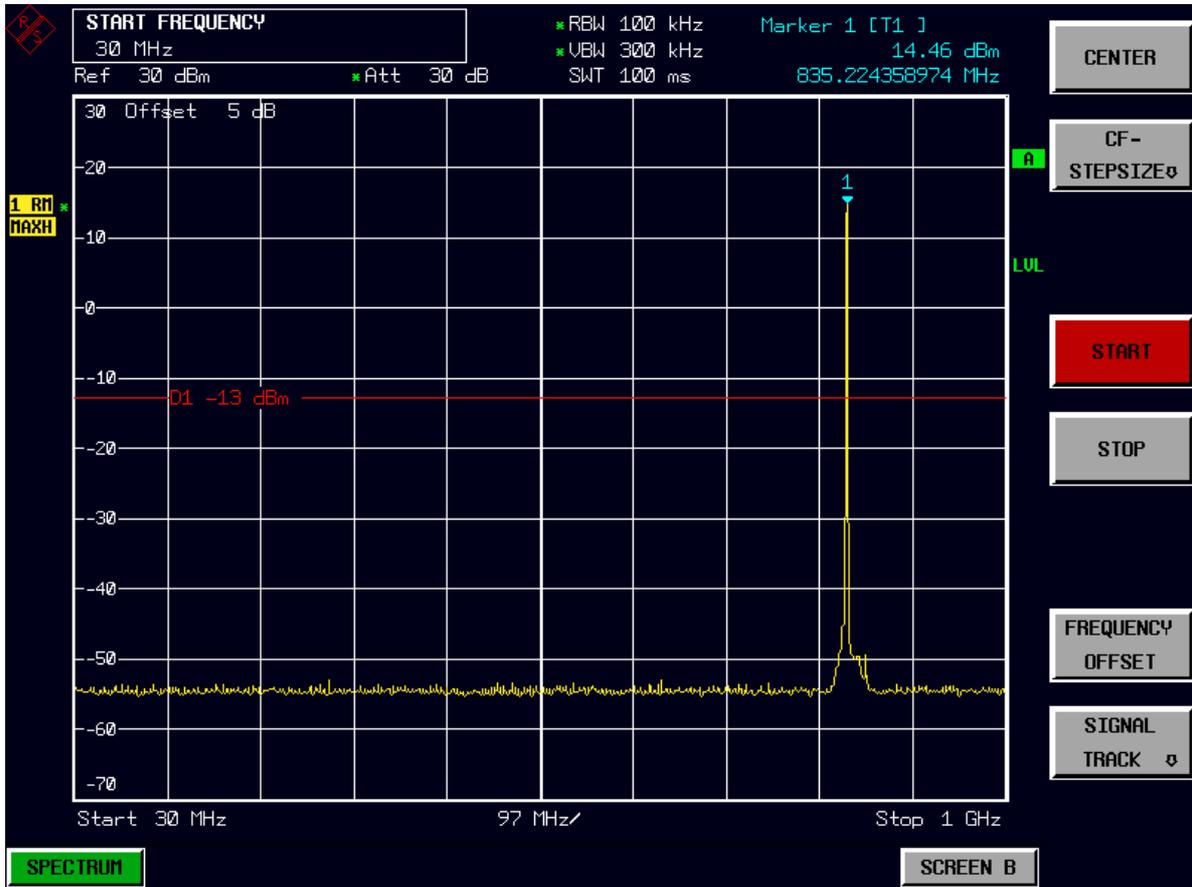


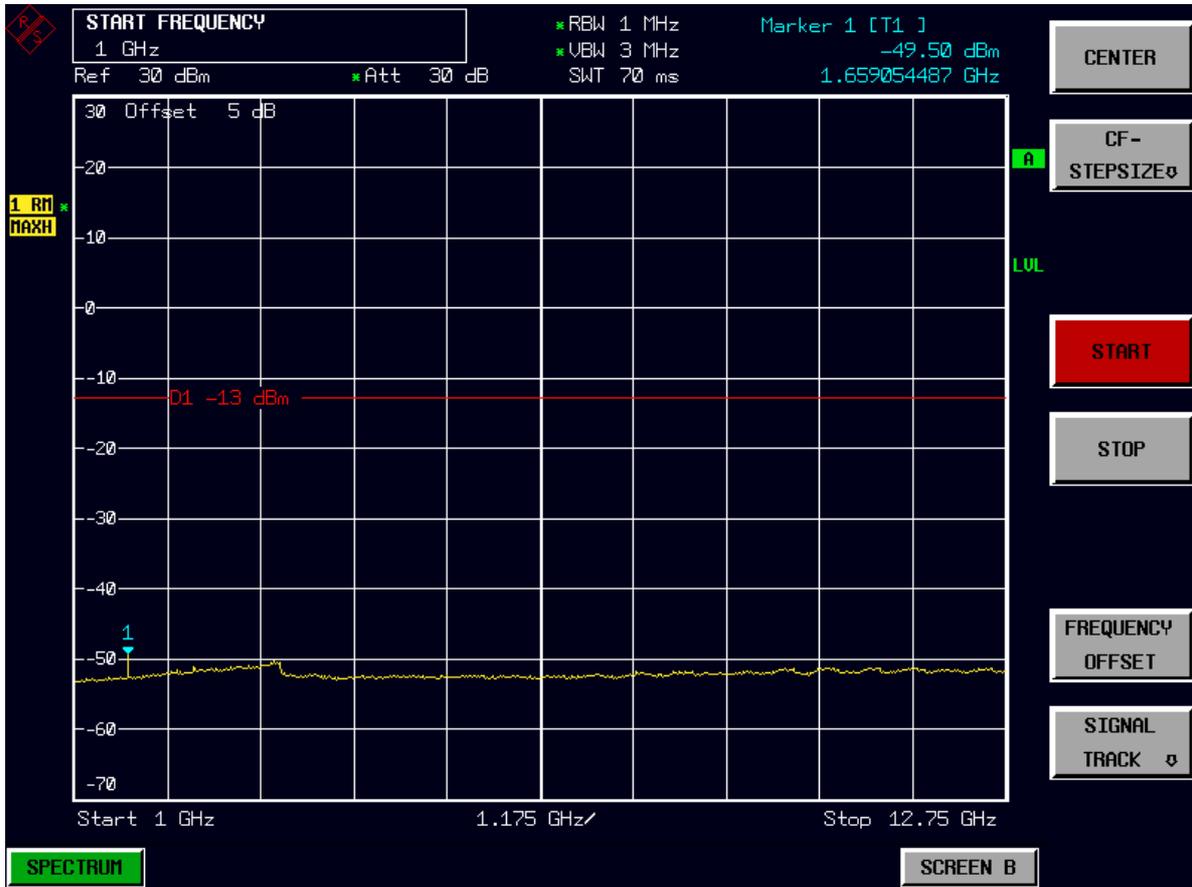


Channel 283

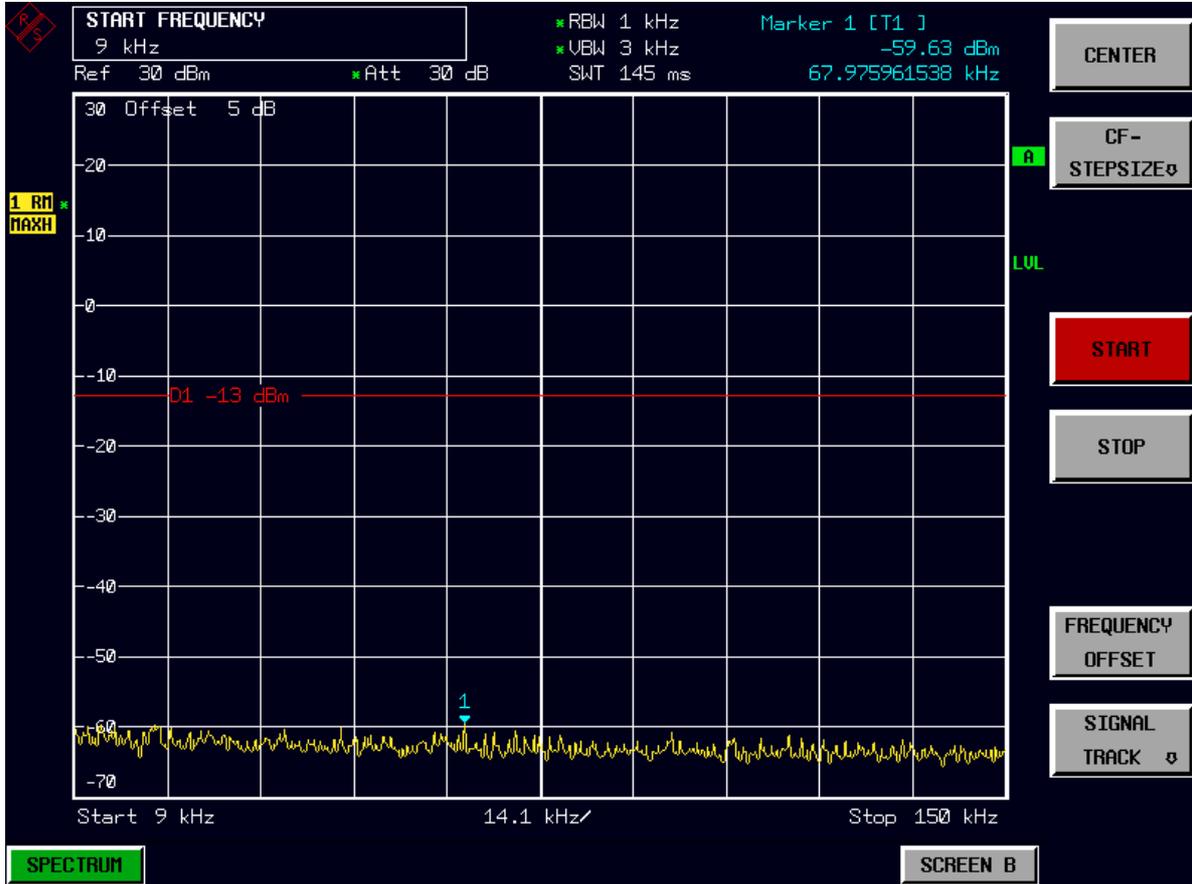


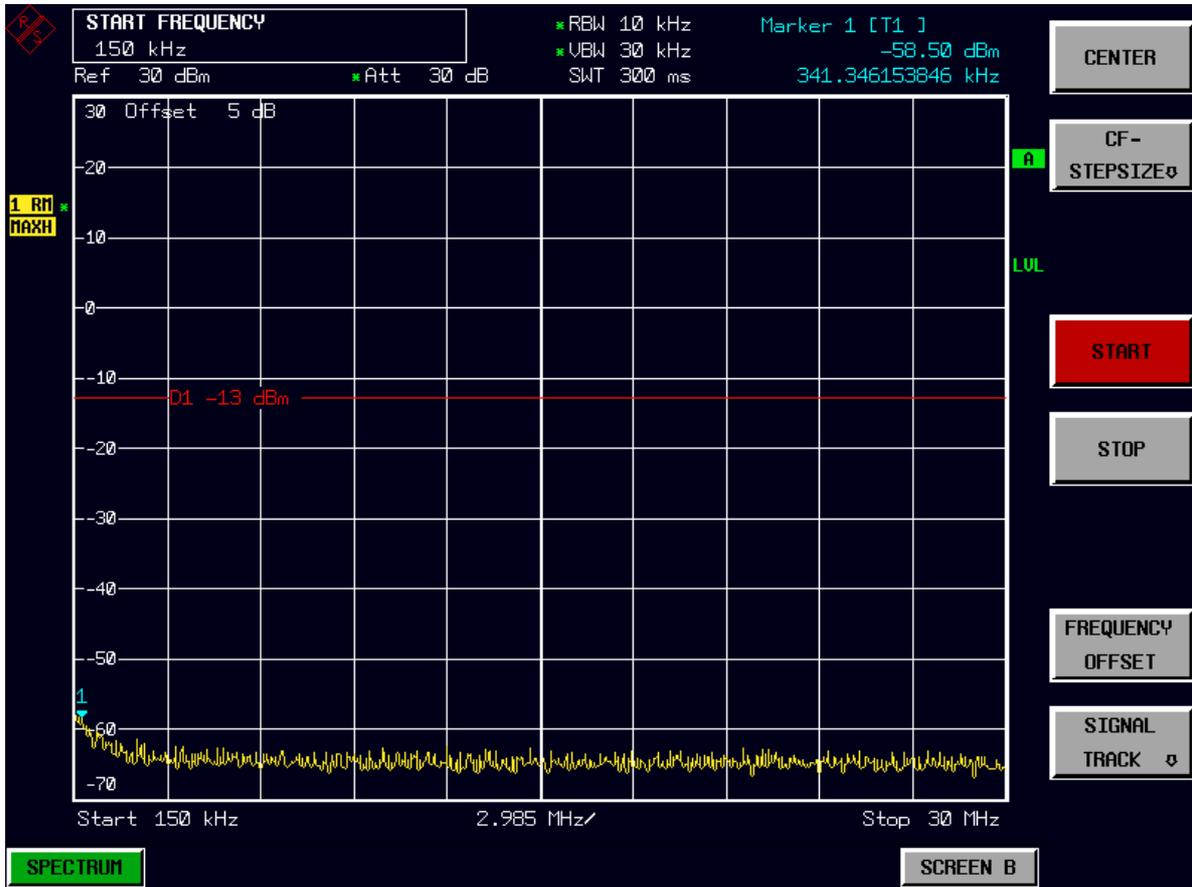


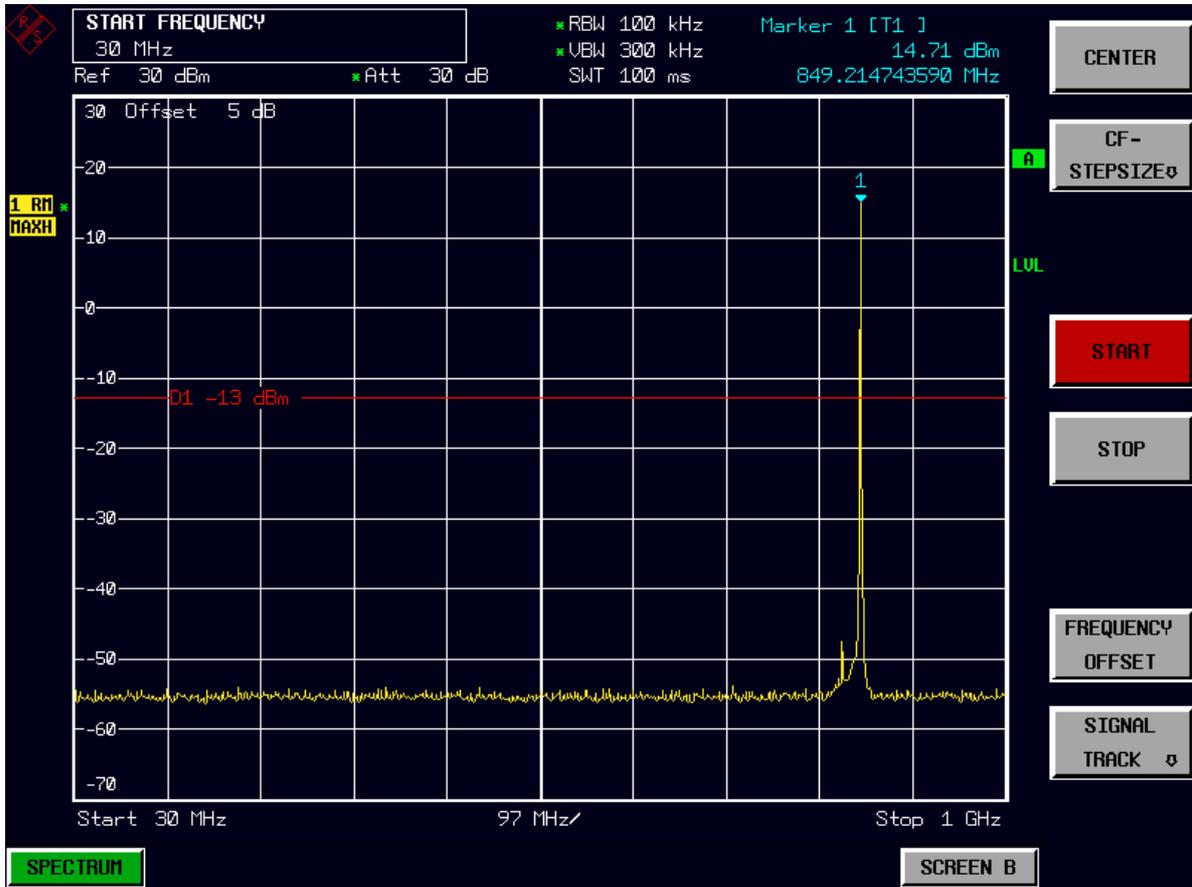


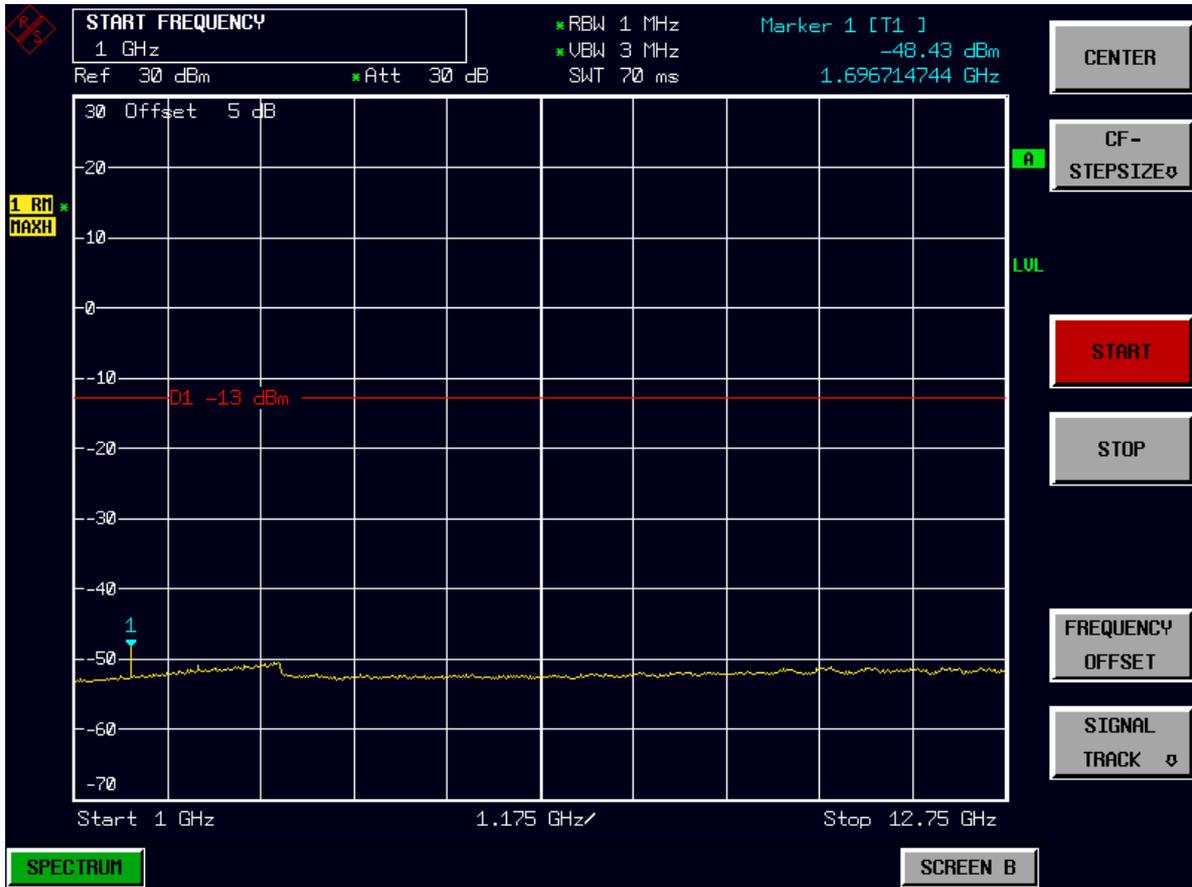


Channel 777



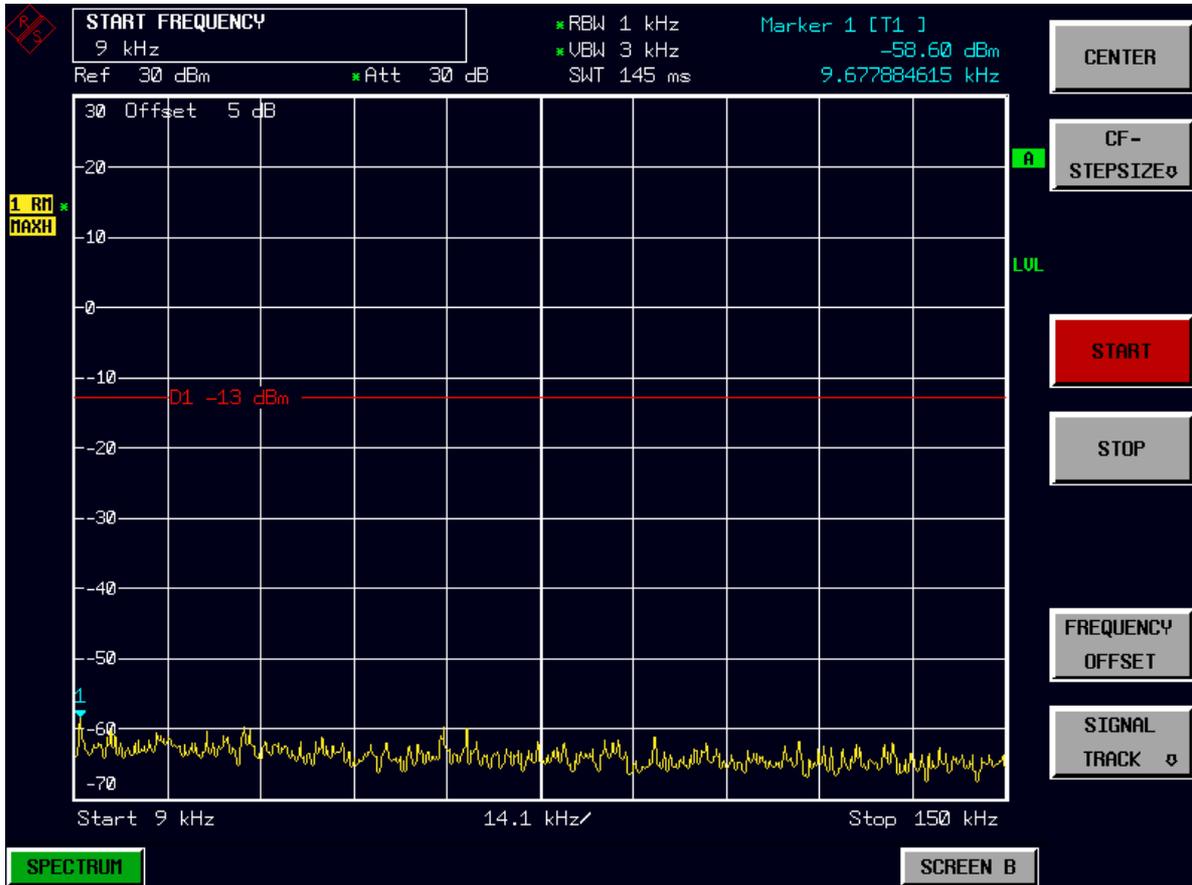


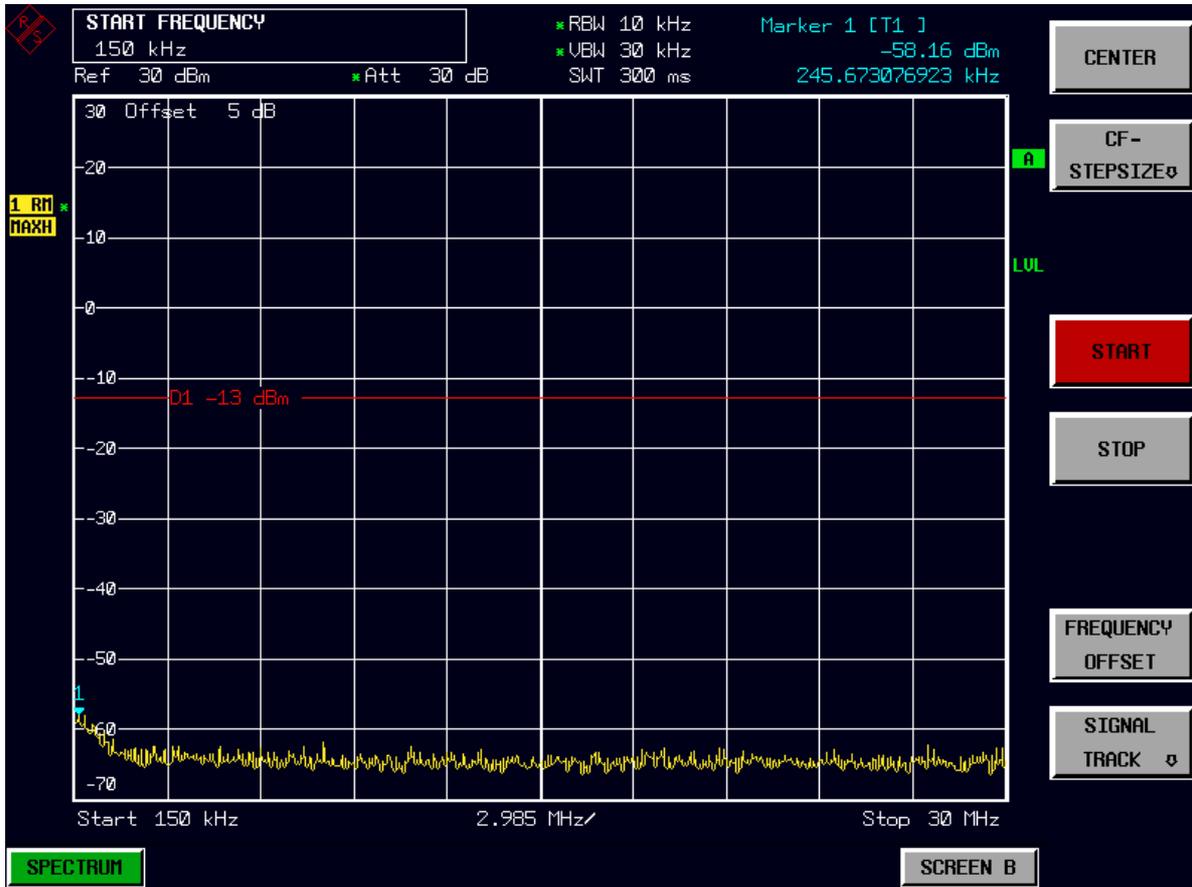


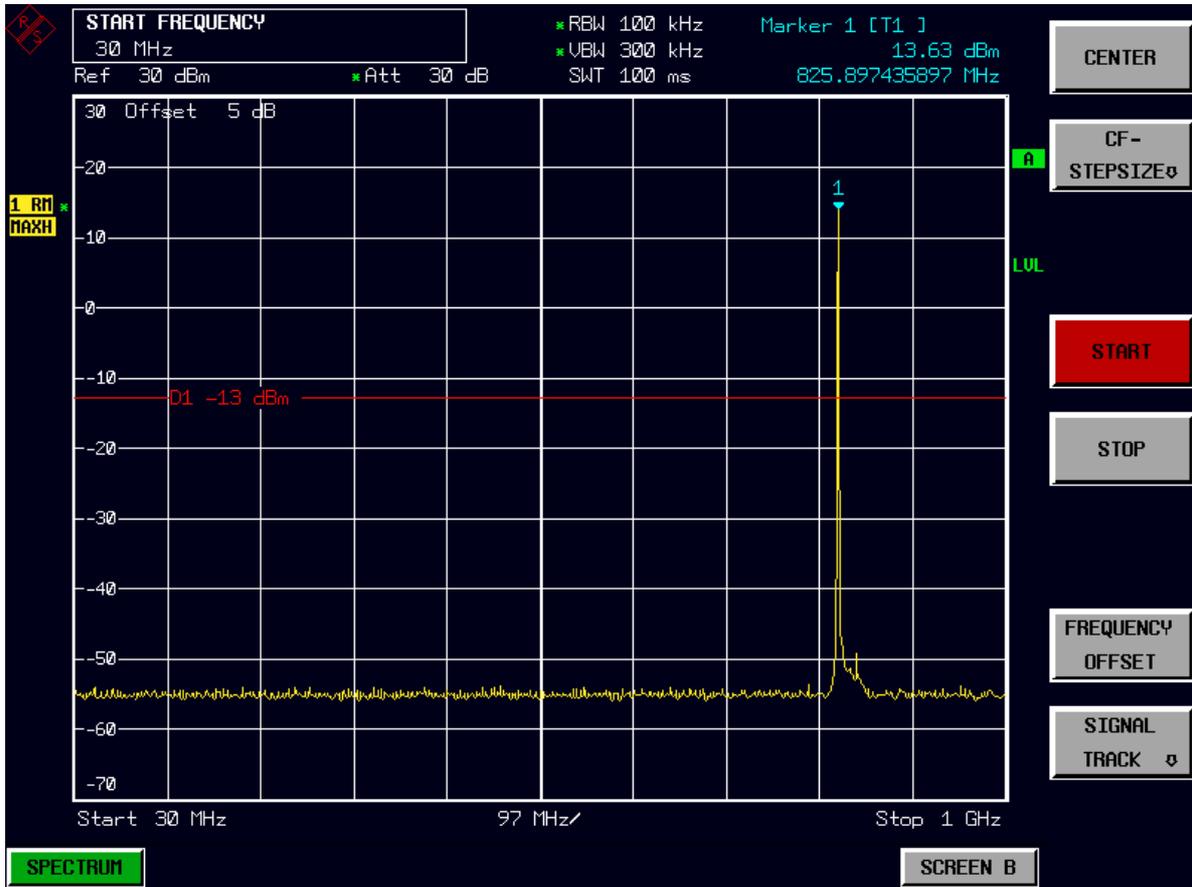


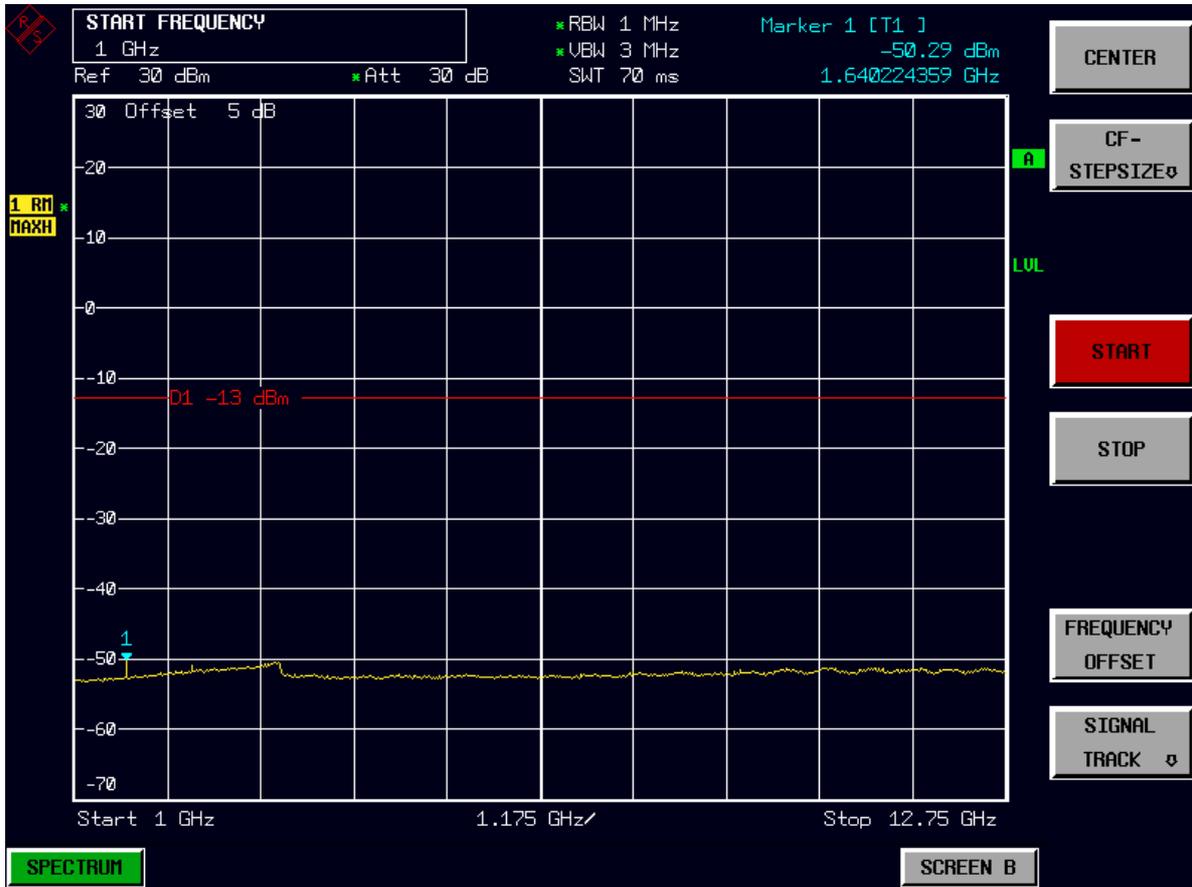
Modulation : 8PSK

Channel 1013

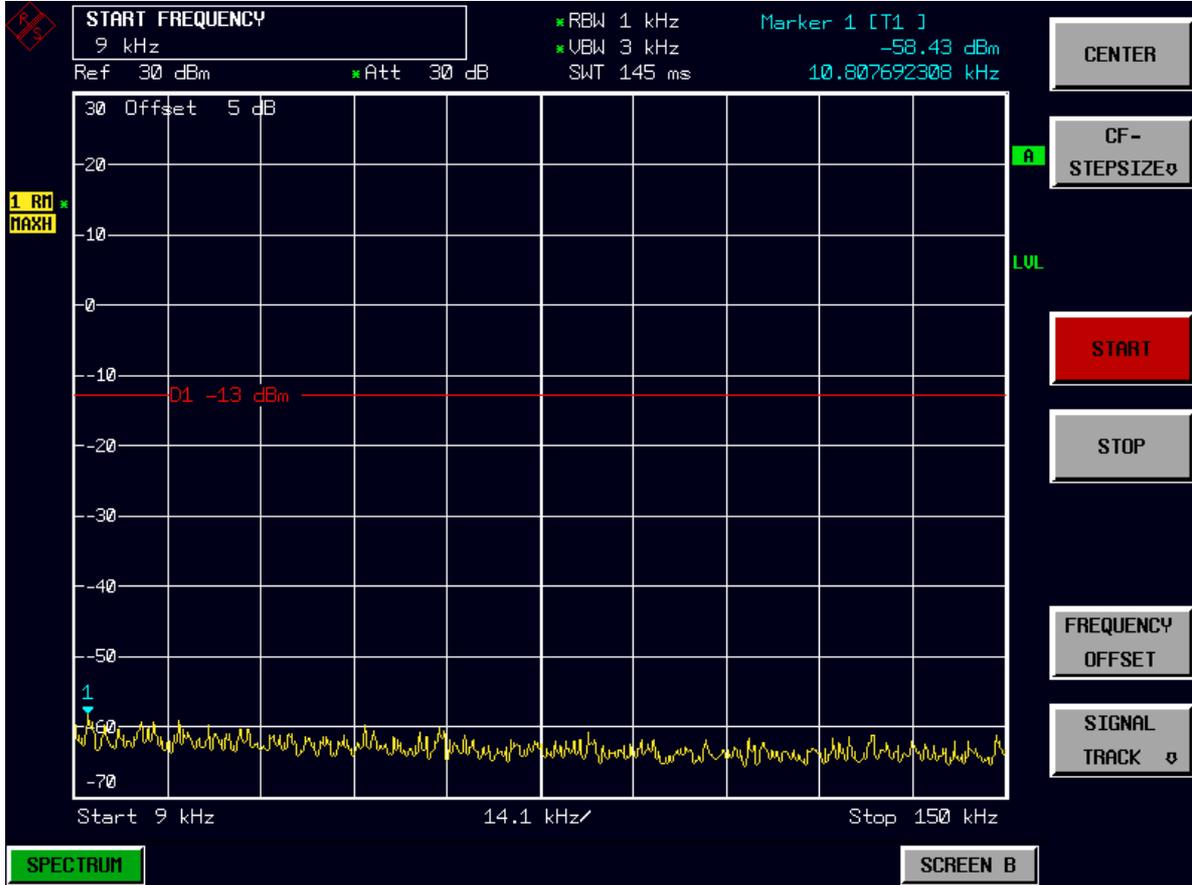


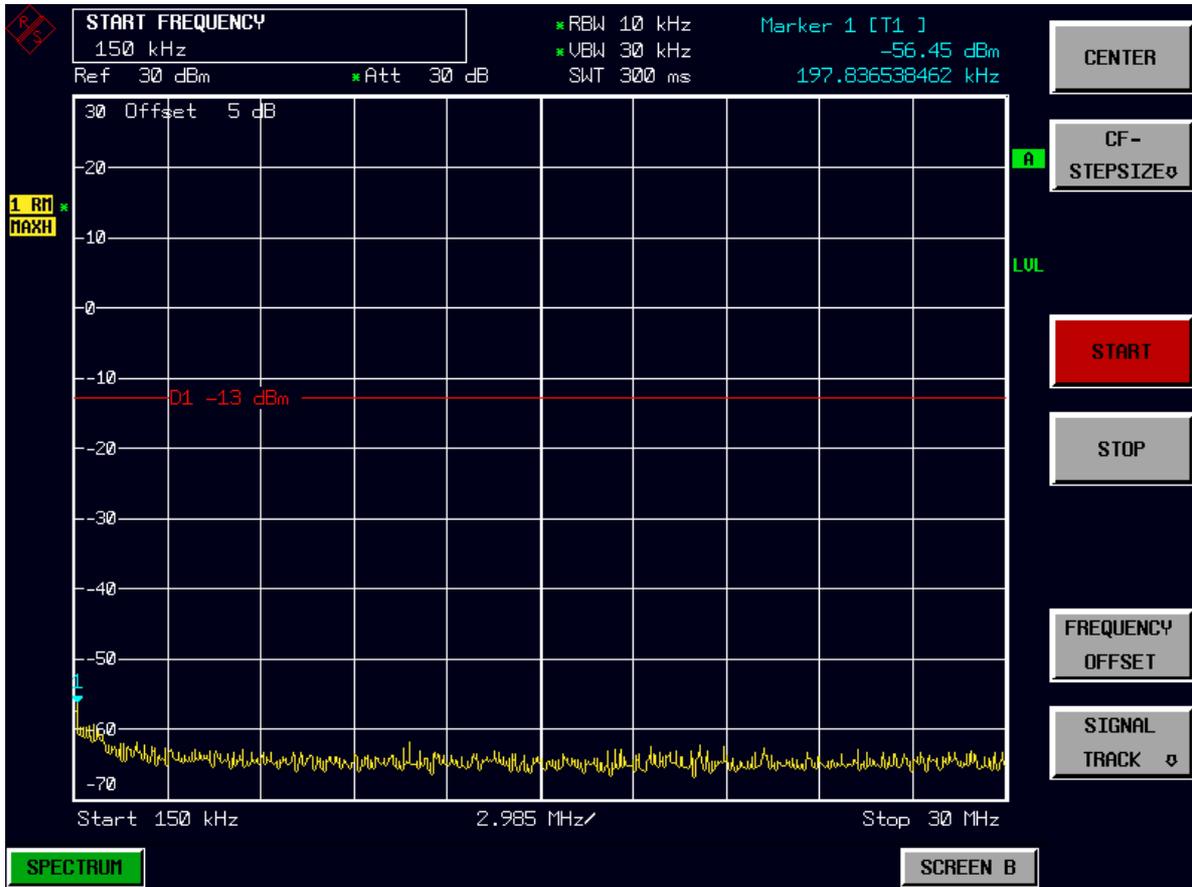


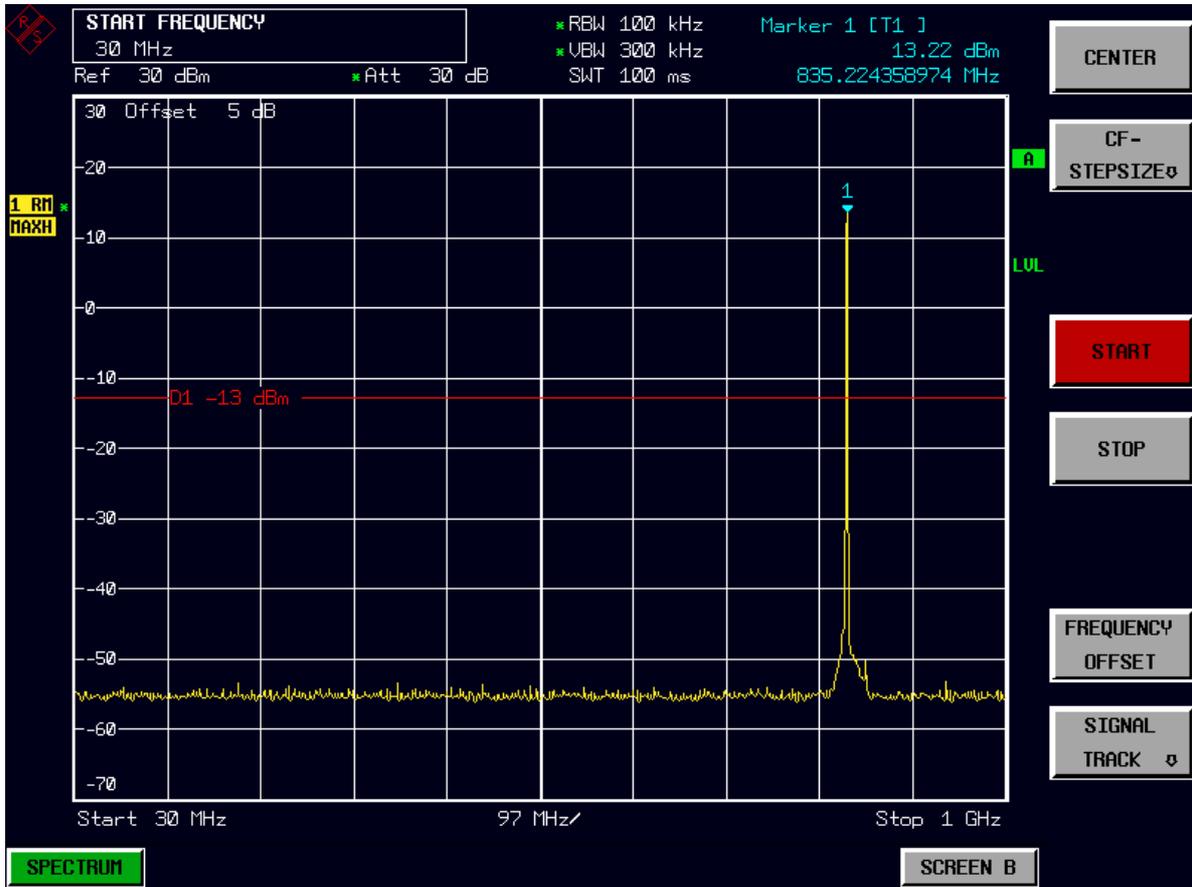


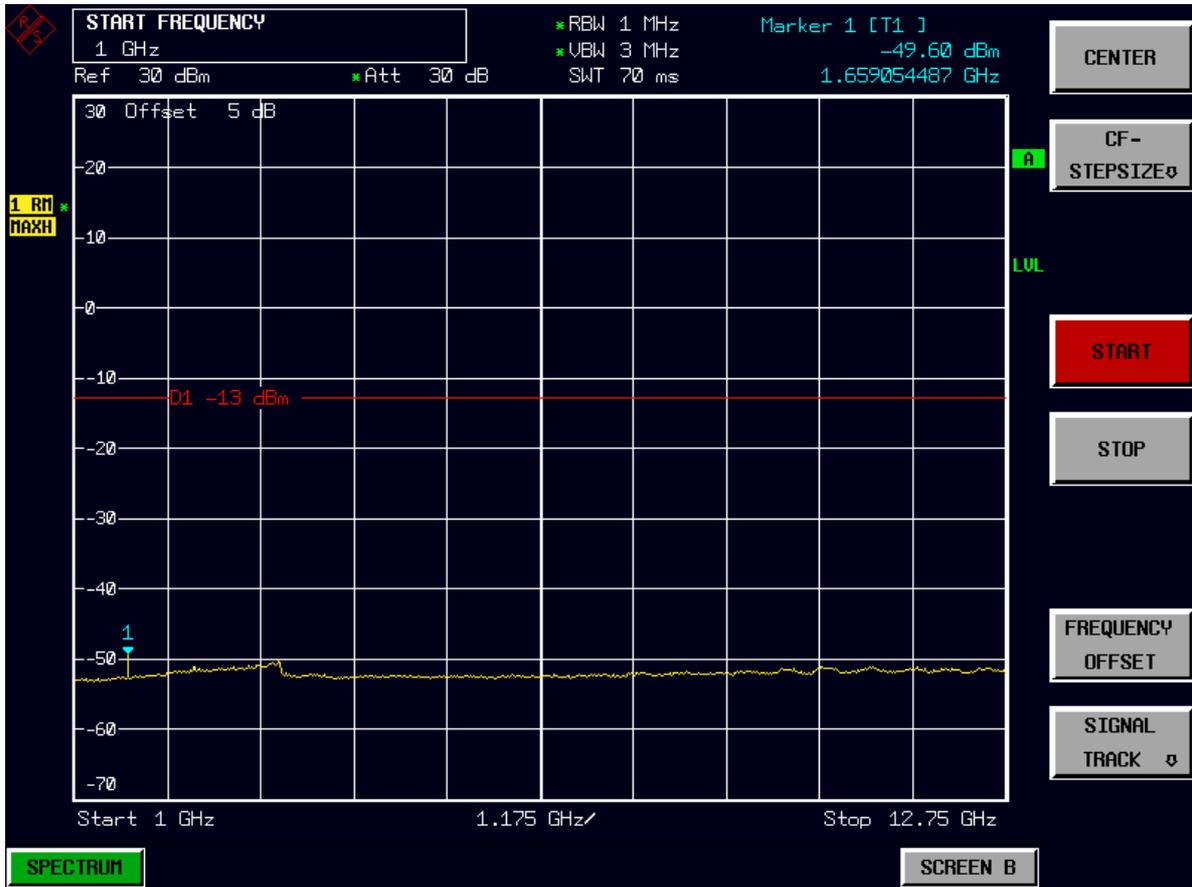


Channel 283

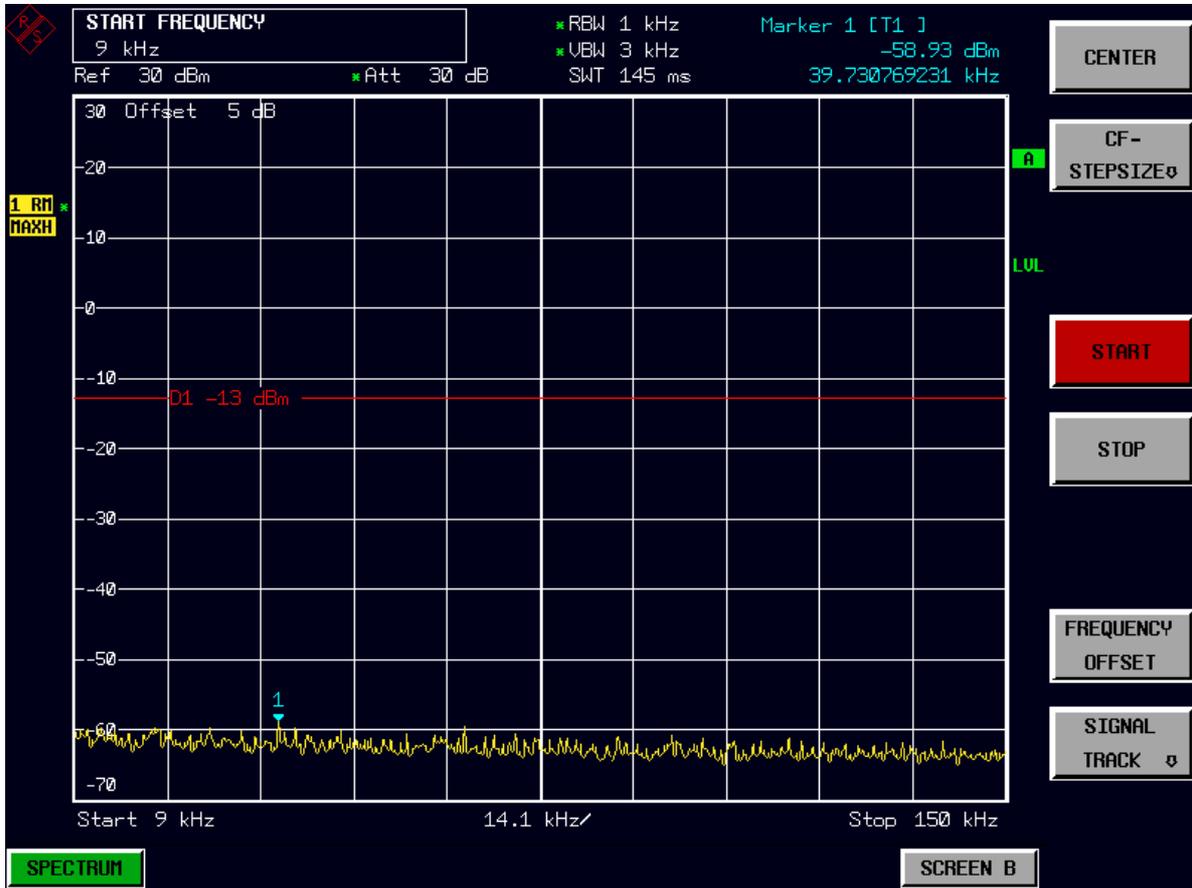


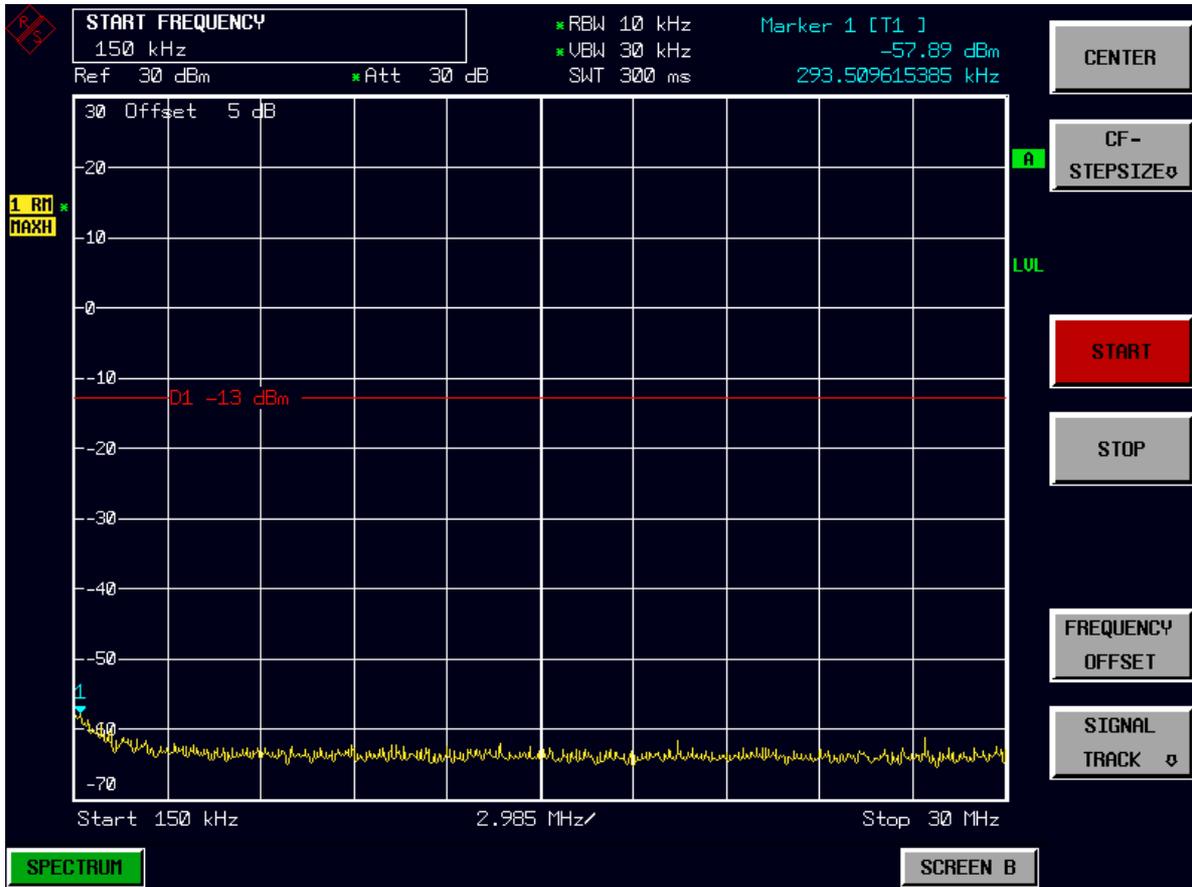


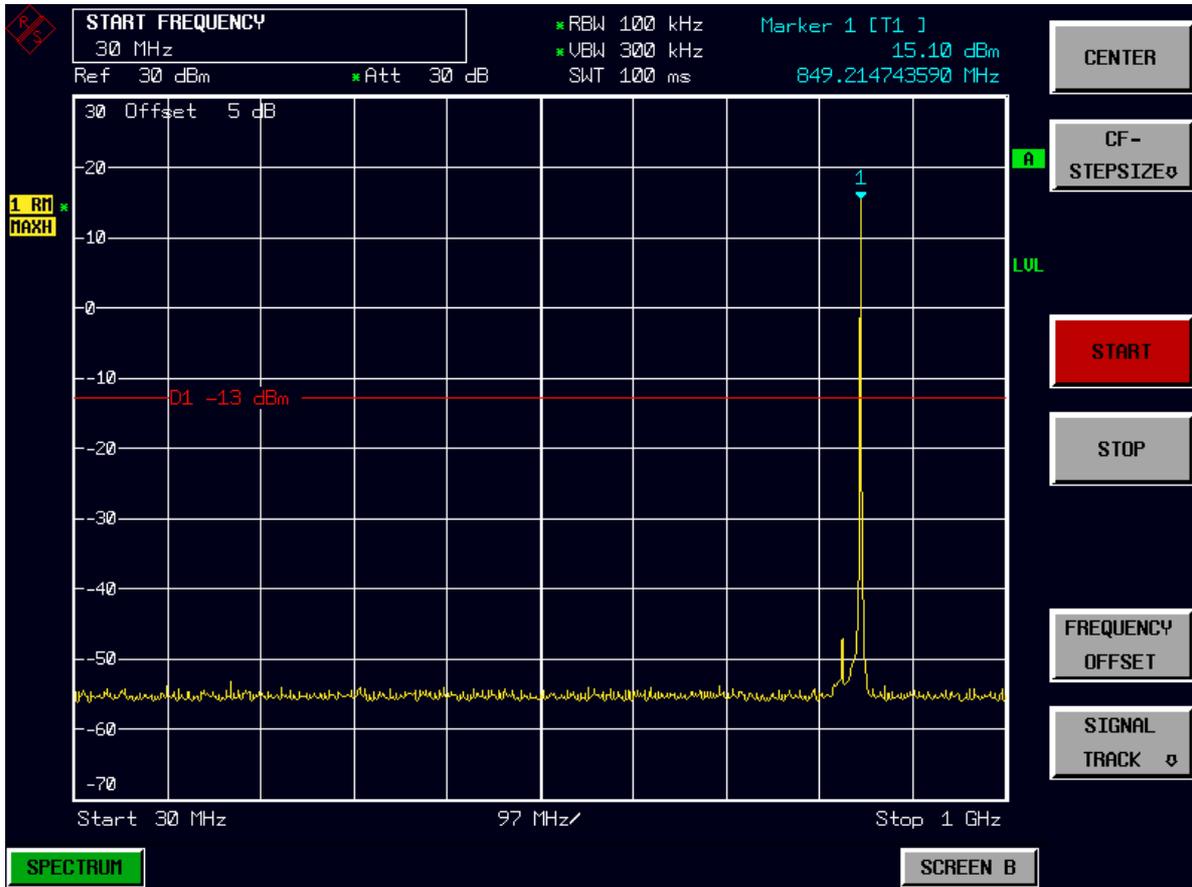


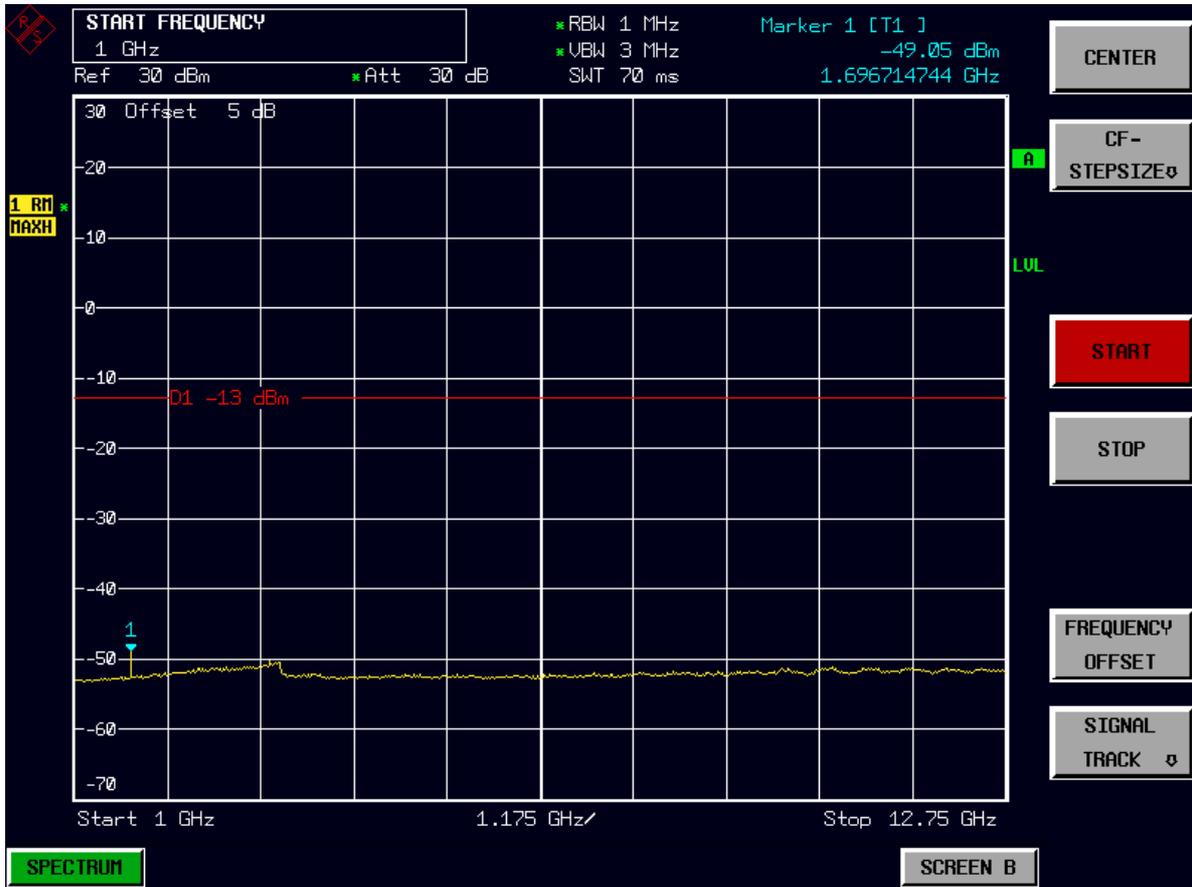


Channel 777





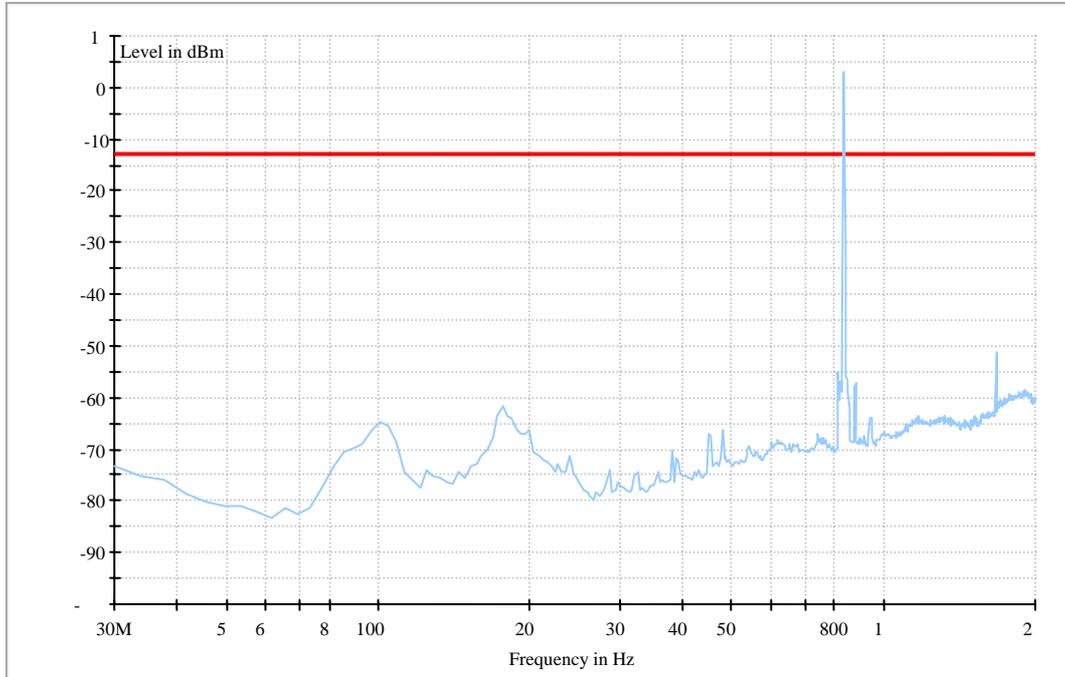




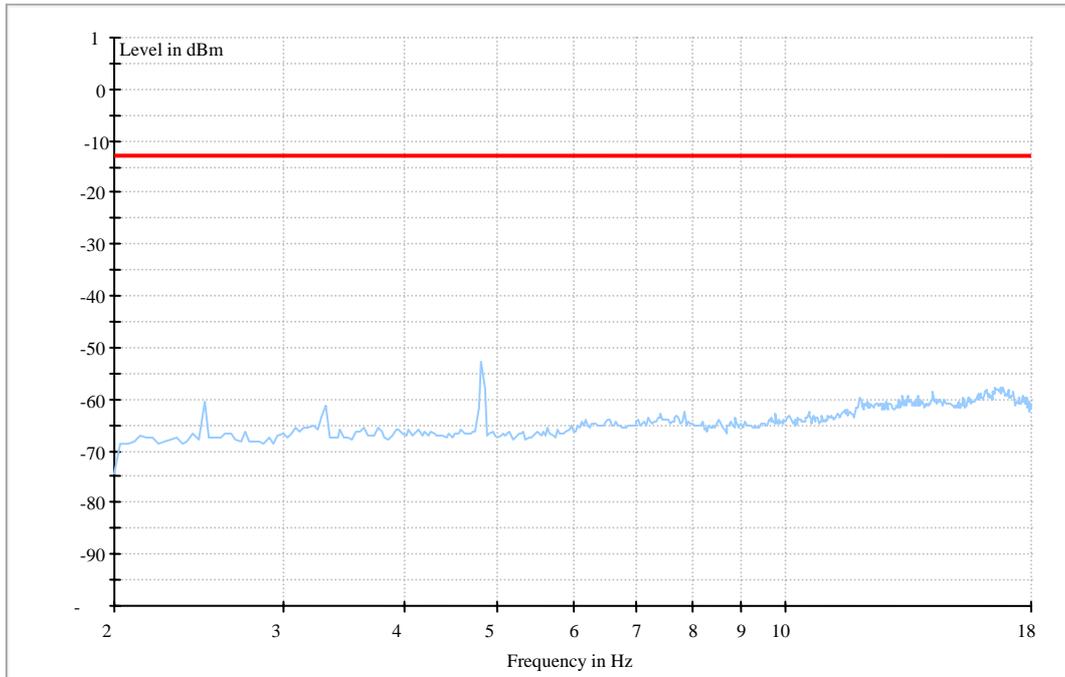
Appendix E

Radiated Spurious Emission According to FCC Part 2.1053 & 22.917

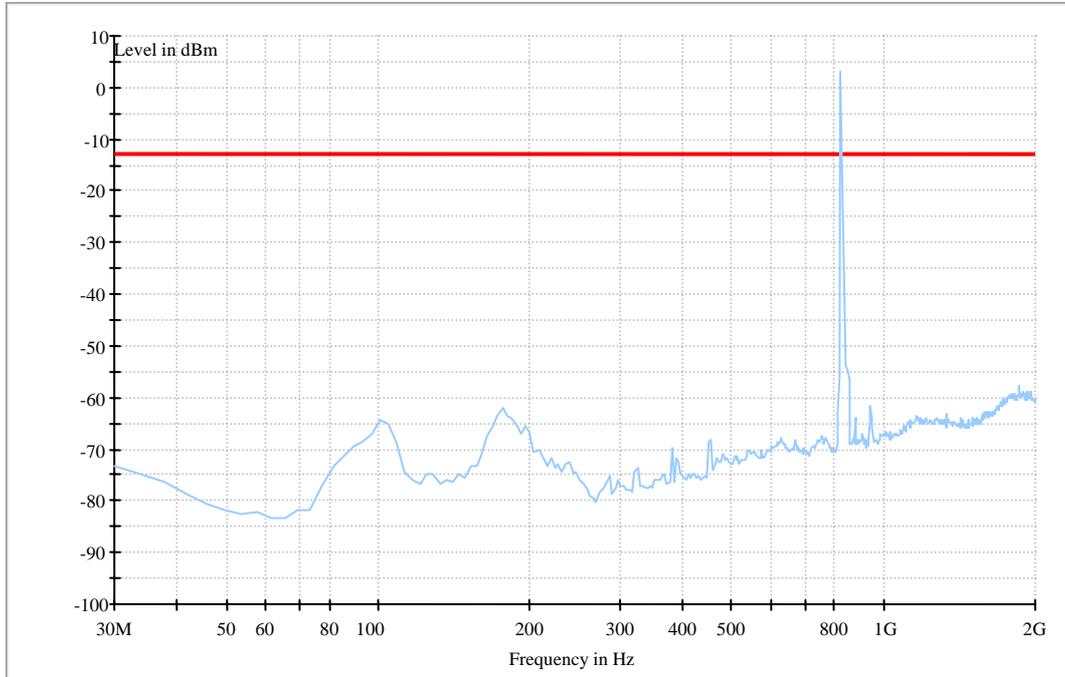
Traffic Mode (30MHz-2GHz) for CDMA1X 800MHz



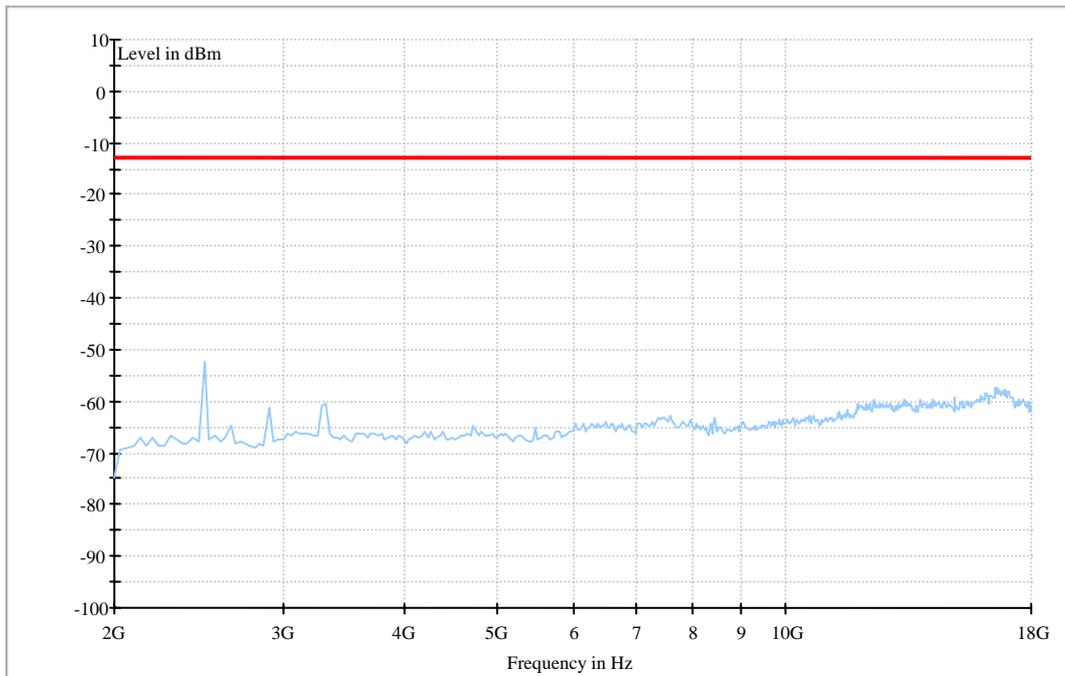
Traffic Mode (2GHz -18GHz) for CDMA1X 800MHz



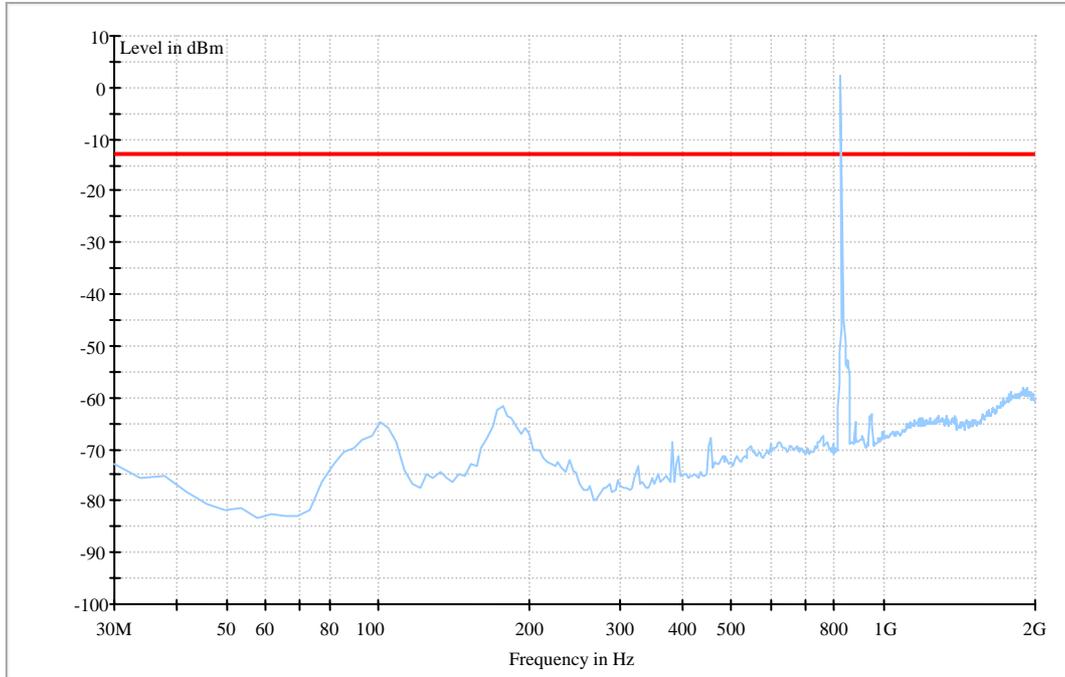
Traffic Mode (30MHz-2GHz) for EVDO.0 800MHz



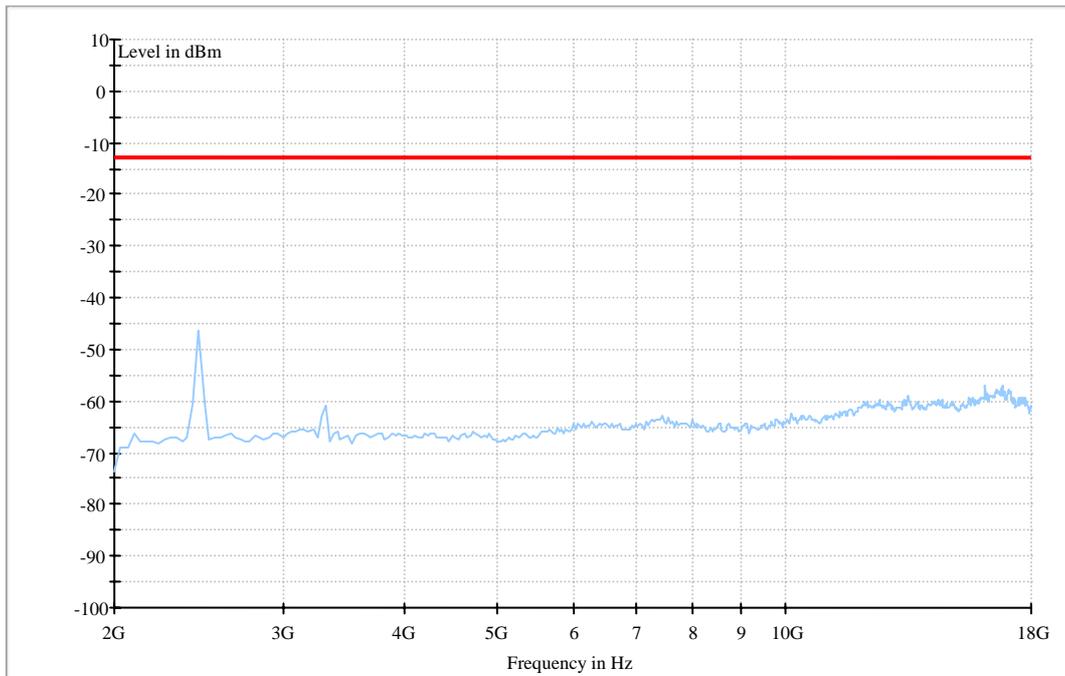
Traffic Mode (2GHz -18GHz) for EVDO.0 800MHz



Traffic Mode (30MHz-2GHz) for EVDO.A 800MHz



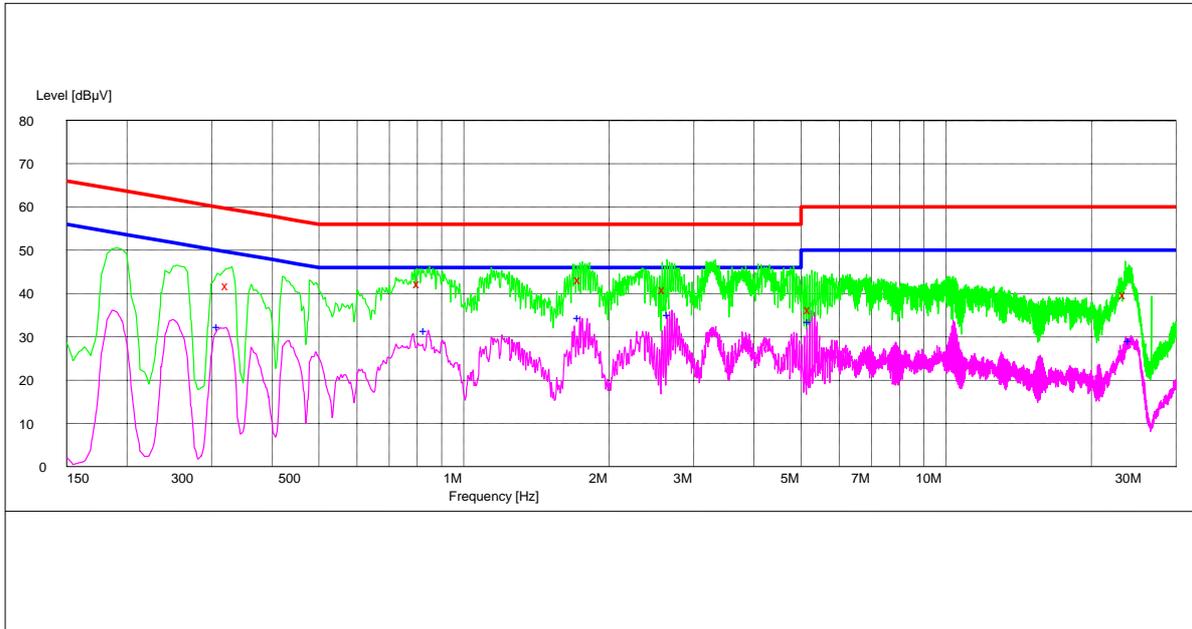
Traffic Mode (2GHz -18GHz) for EVDO.A 800MHz





Appendix F

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
0.3255	41.9	10.2	60	18.1	N	FLO
0.8115	42.3	9.9	56	13.7	L3	FLO
1.752	43.2	10	56	12.8	L3	FLO
2.625	41.1	10.1	56	14.9	L3	FLO
5.253	36.4	10.2	60	23.6	L3	FLO
23.6535	39.8	15.3	60	20.2	L3	FLO

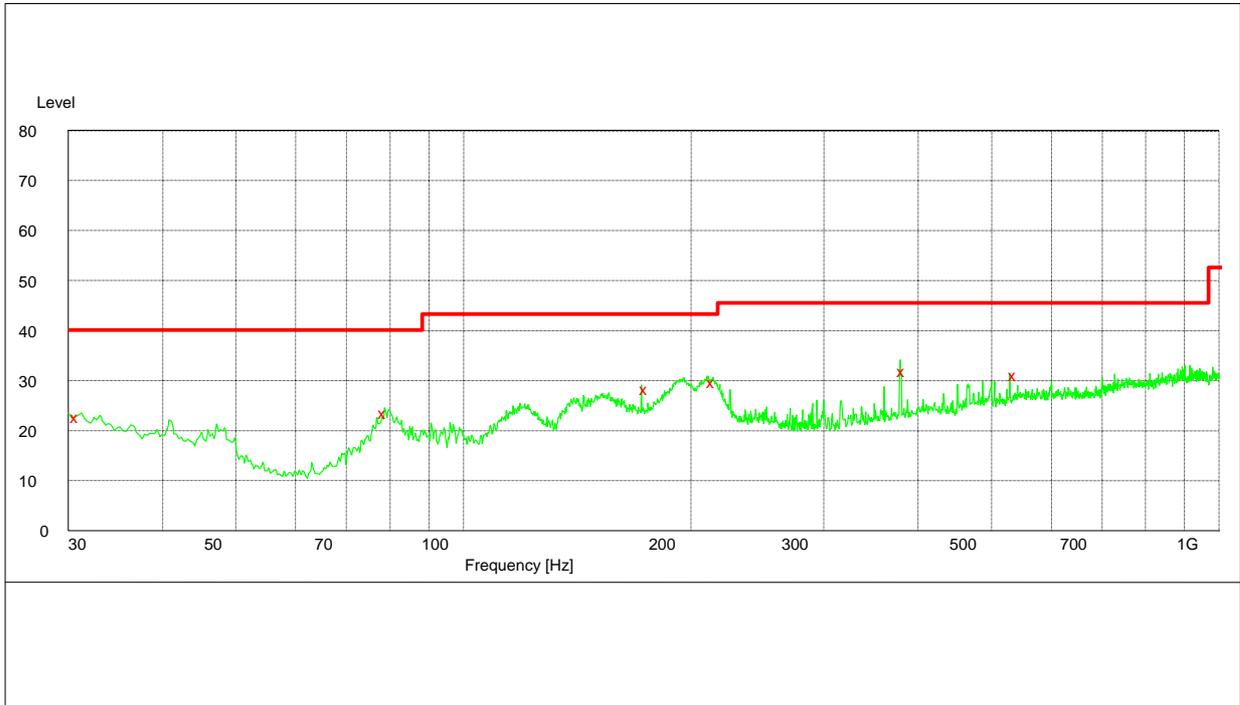
MEASUREMENT RESULT: "AV DECTER"

Frequency (MHz)	Level (dBµV)	Transd (dB)	Limit (dBµV)	Margin (dB)	Line	PE
0.312	32.4	10.2	50	17.6	L3	FLO
0.8385	31.5	9.9	46	14.5	L3	FLO
1.7475	34.6	10	46	11.4	L3	FLO
2.679	35.3	10.1	46	10.7	L3	FLO
5.244	33.6	10.2	50	16.4	L3	FLO
24.2655	29.2	15.1	50	20.8	L3	FLO

Appendix G

Radiated Emission of Enclosure in Idle Mode

According to FCC Part 15.109



MEASUREMENT RESULT: QP DECTER

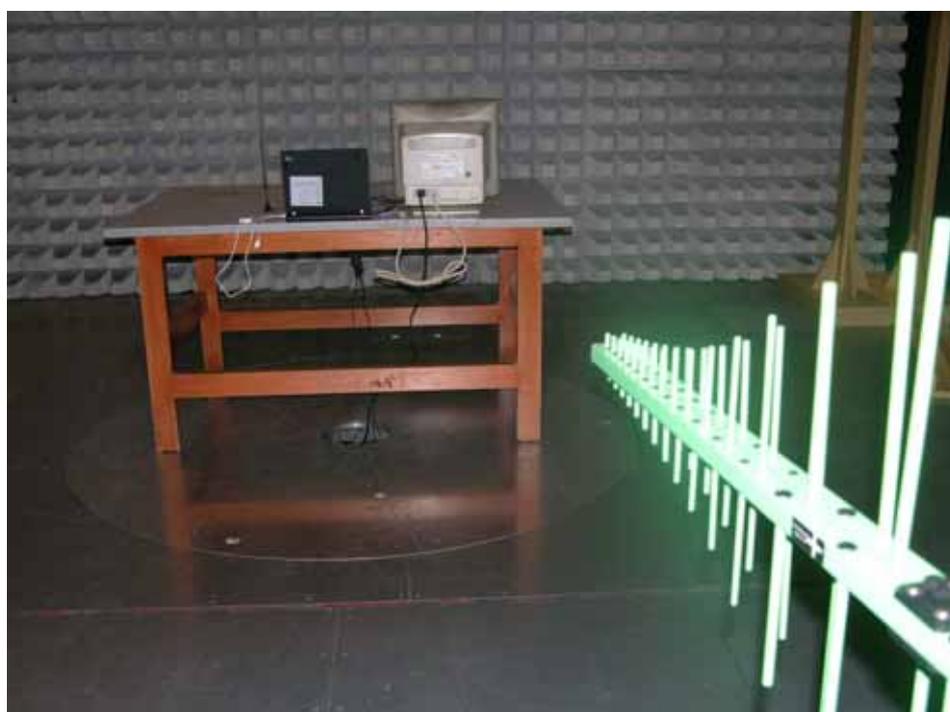
Frequency (MHz)	Level (dBµV/m)	Transd (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Polarisation
30.18	22.7	-4.2	40	17.3	173	223	HORIZONTAL
79.2	23.4	-14.9	40	16.6	195	350	HORIZONTAL
171.78	27.8	-11.9	43.5	15.7	174	0	HORIZONTAL
212.16	29.1	-11.7	43.5	14.4	126	94	HORIZONTAL
378.78	31.3	-5.1	46	14.7	100	254	HORIZONTAL
528.06	30.8	-2.7	46	15.2	195	95	HORIZONTAL



Appendix H

Photos of Test Setup

1 Radiated Emissions



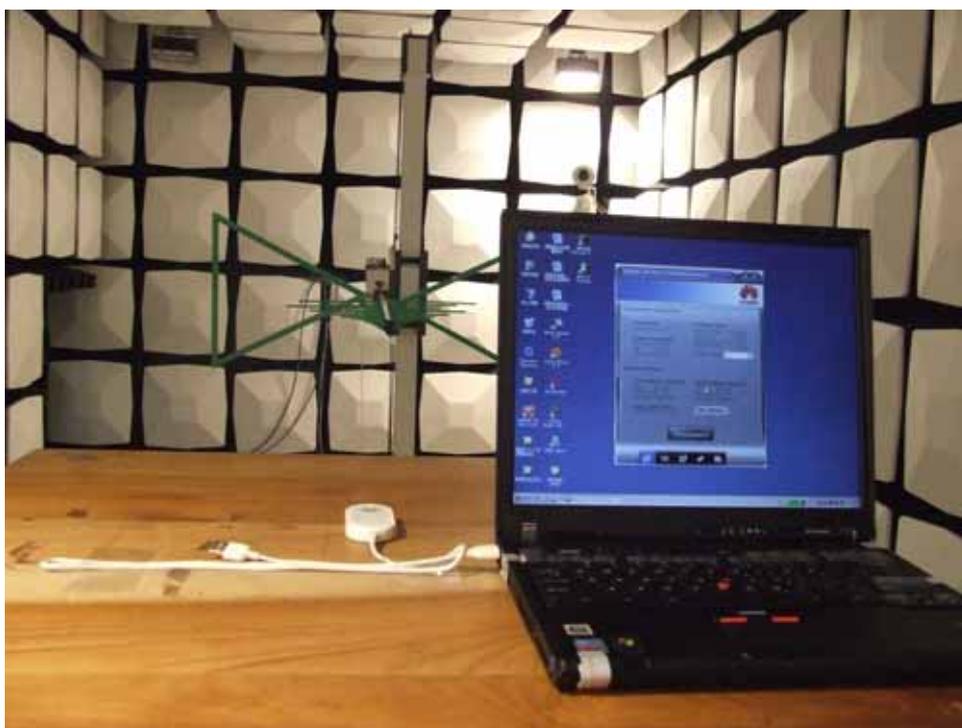
Radiated Disturbance

2 Conducted Emissions



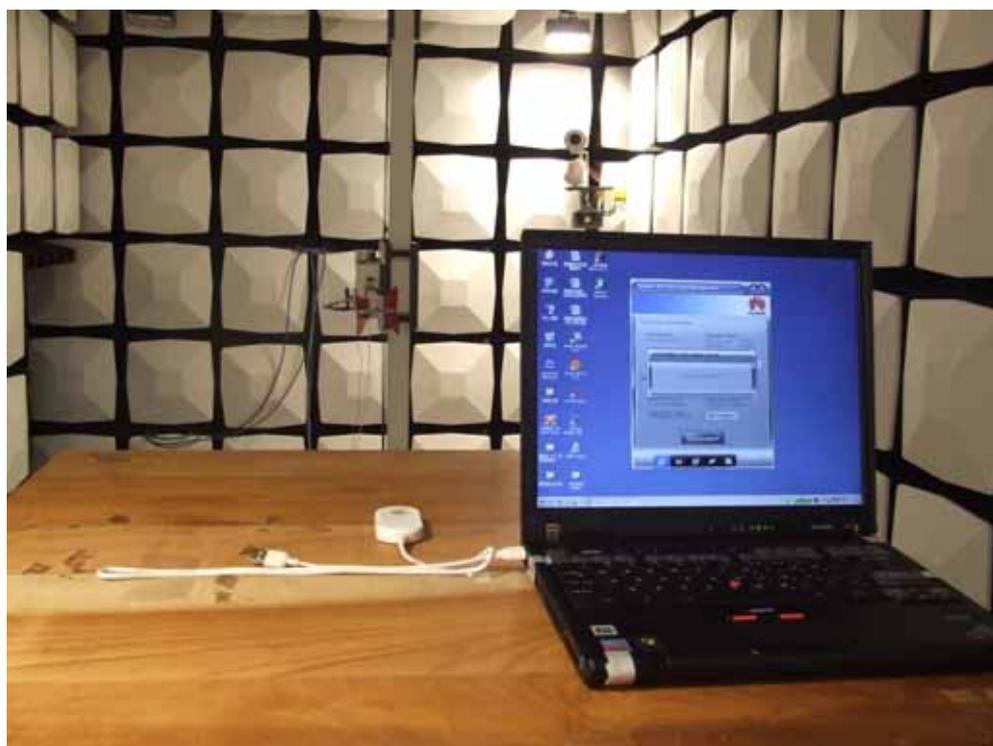
Conducted Disturbance

3 Radiated Spurious Emissions





Spurious Radiated Emissions (30MHz ~ 2GHz)





Spurious Radiated Emissions (2GHz ~ 18GHz)