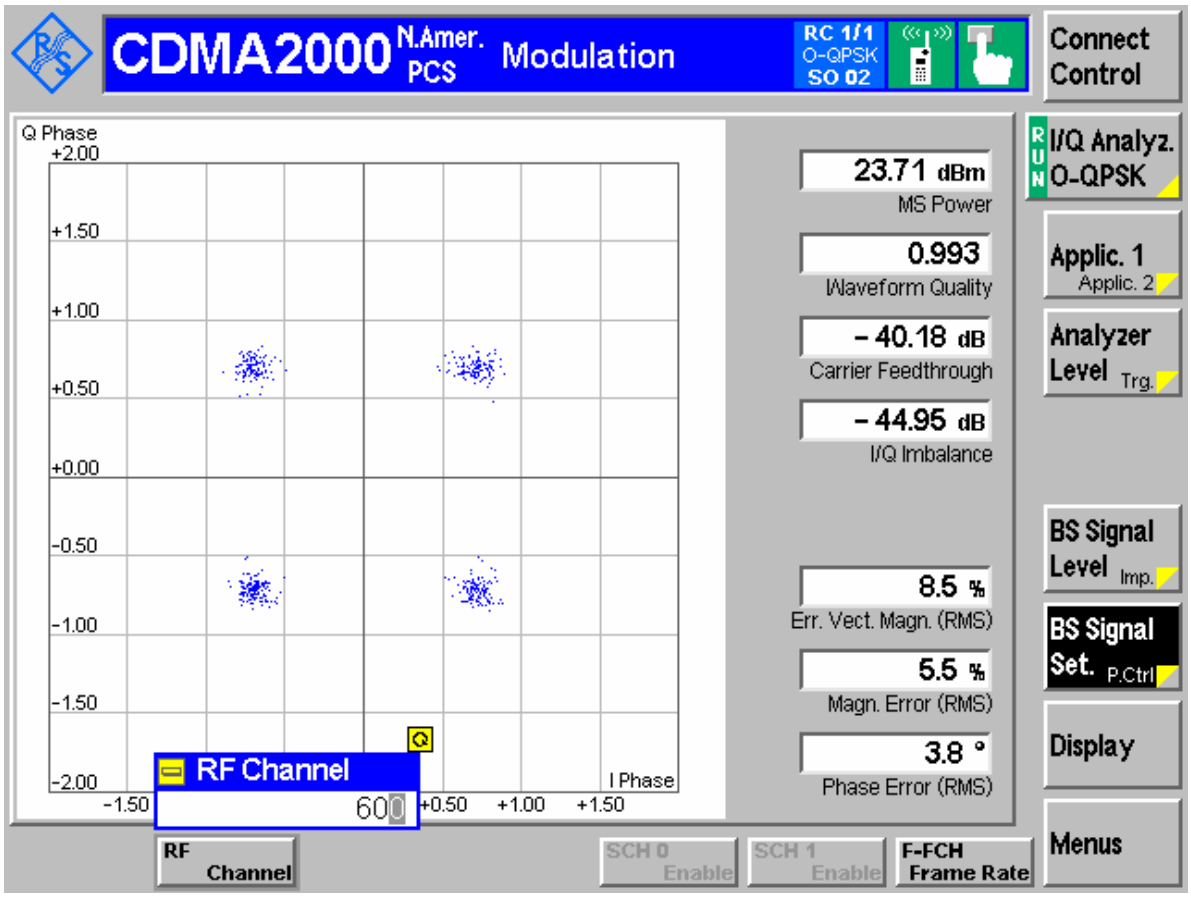
Appendix A

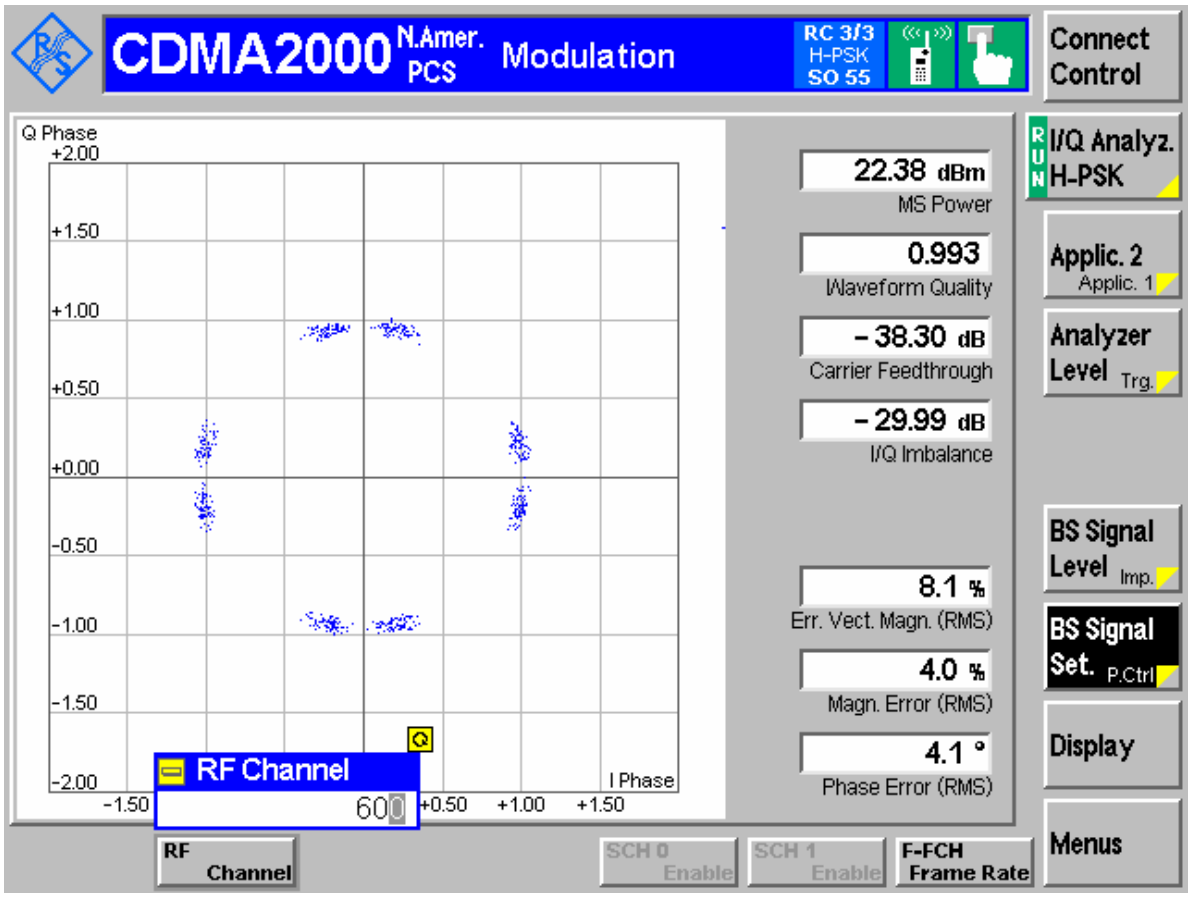
Modulation Characteristics

According to FCC Part 2.1047& Part 24 Subpart E

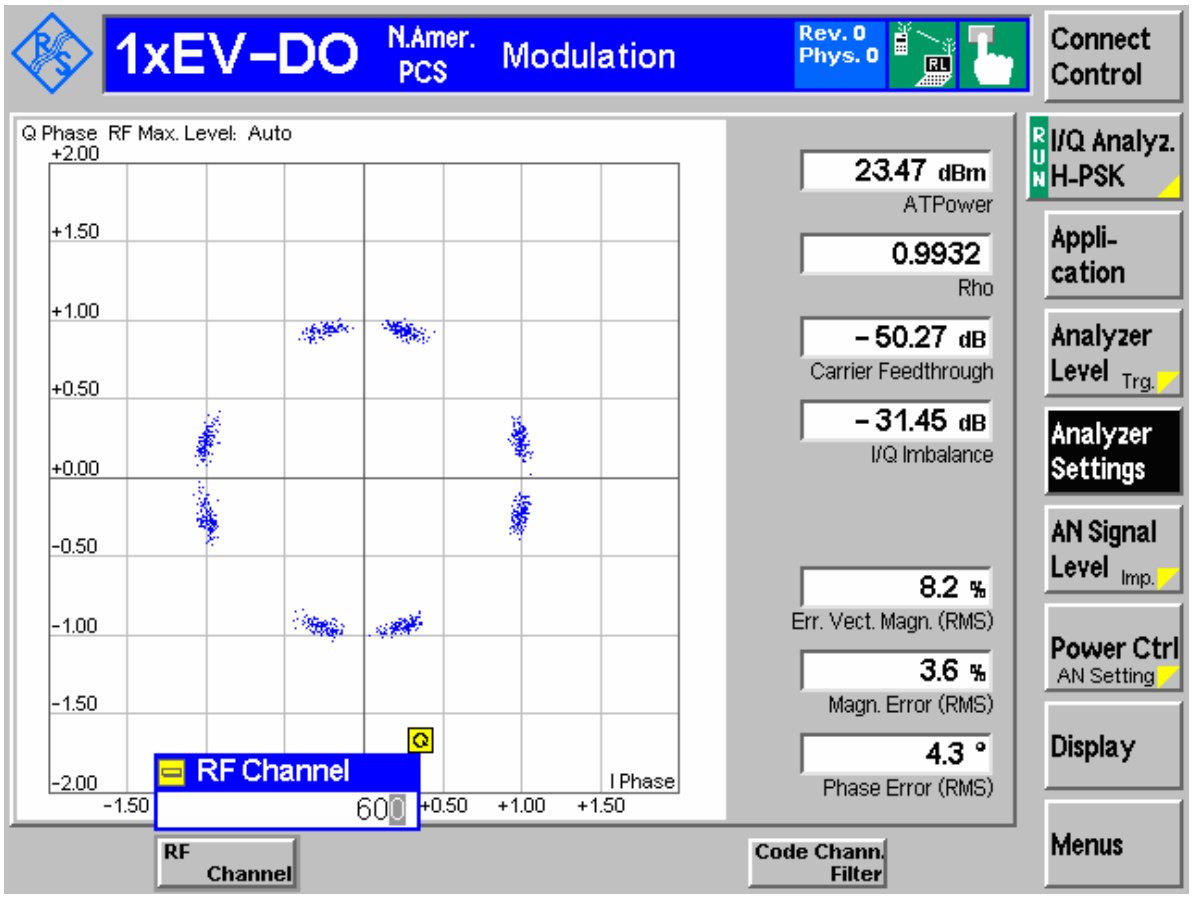
Channel 600（TM1）



Channel 600（TM3）



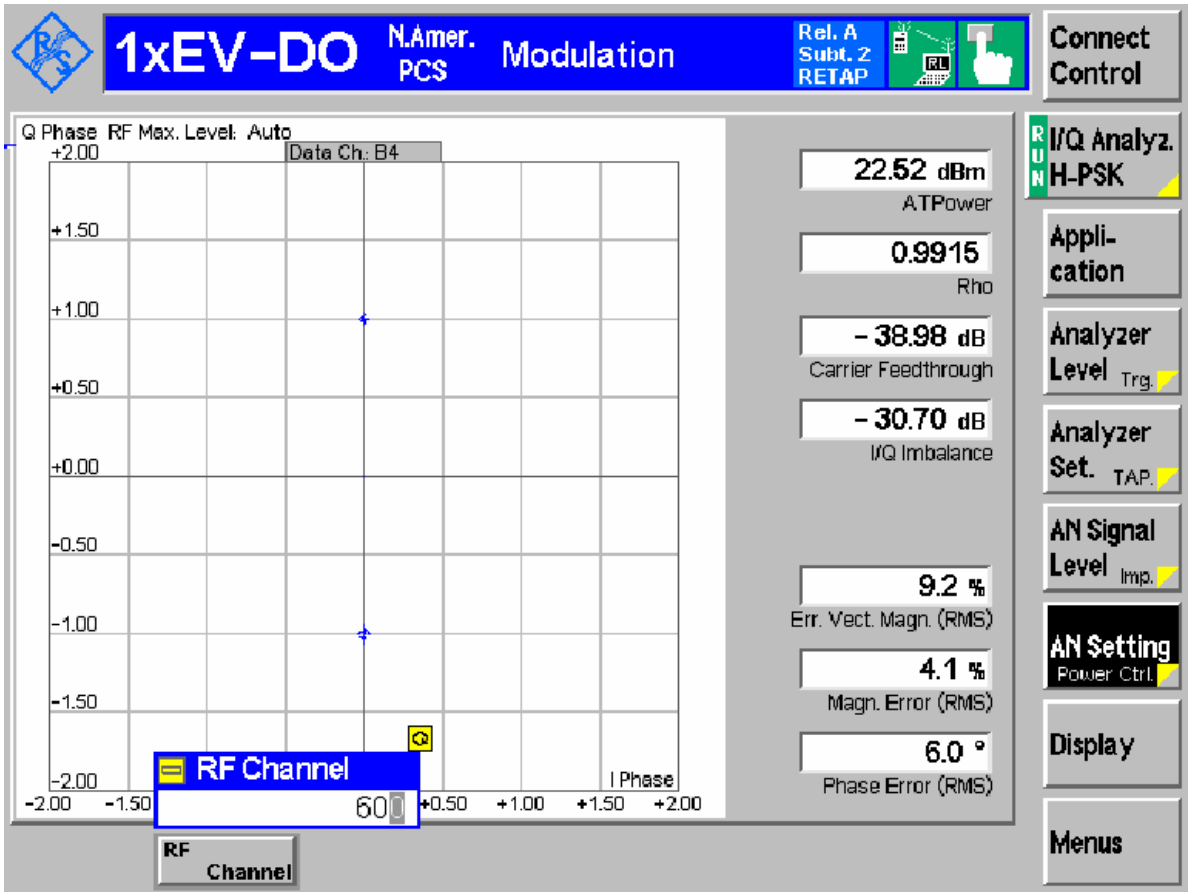
Channel600（Subtype 0）
（HPSK）



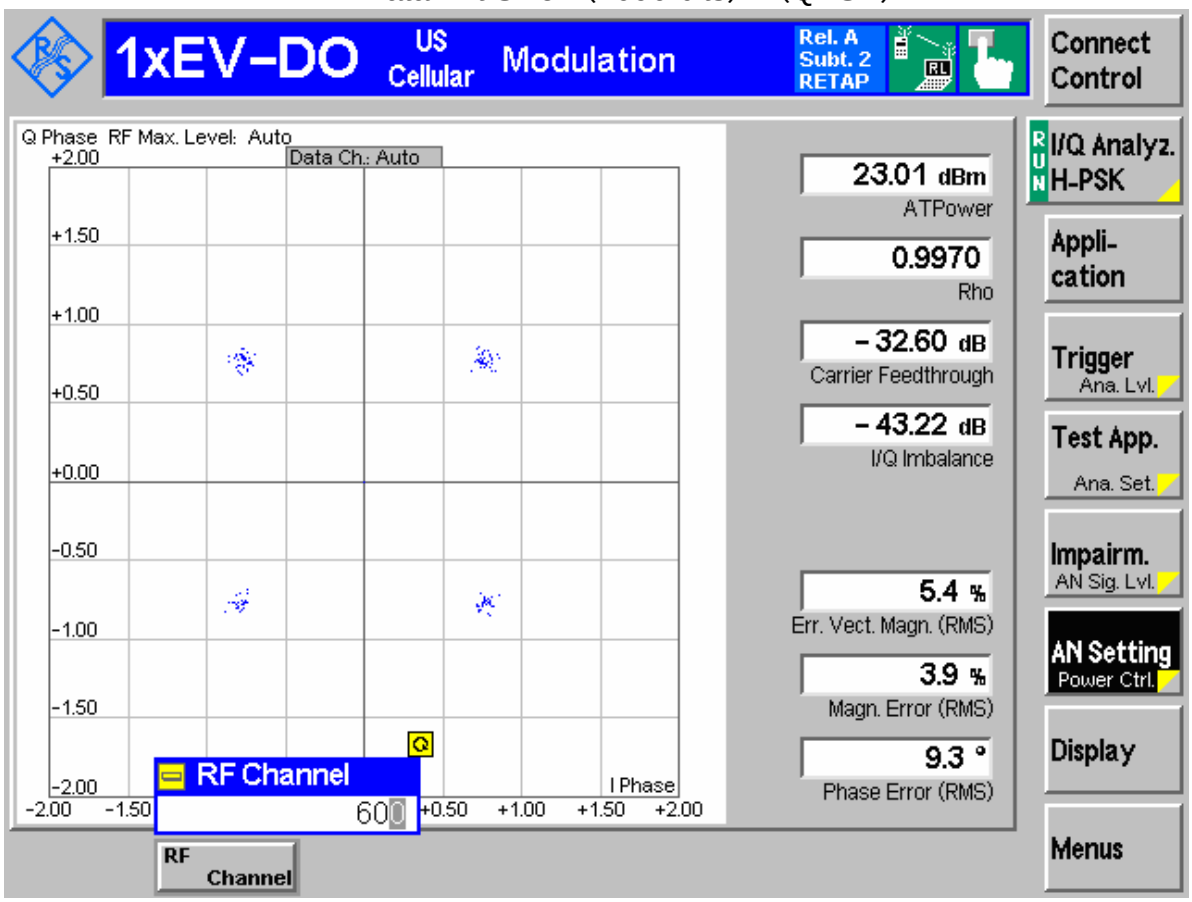
Channel600（Subtype 2）

The R-Data packet size determines the modulation format：

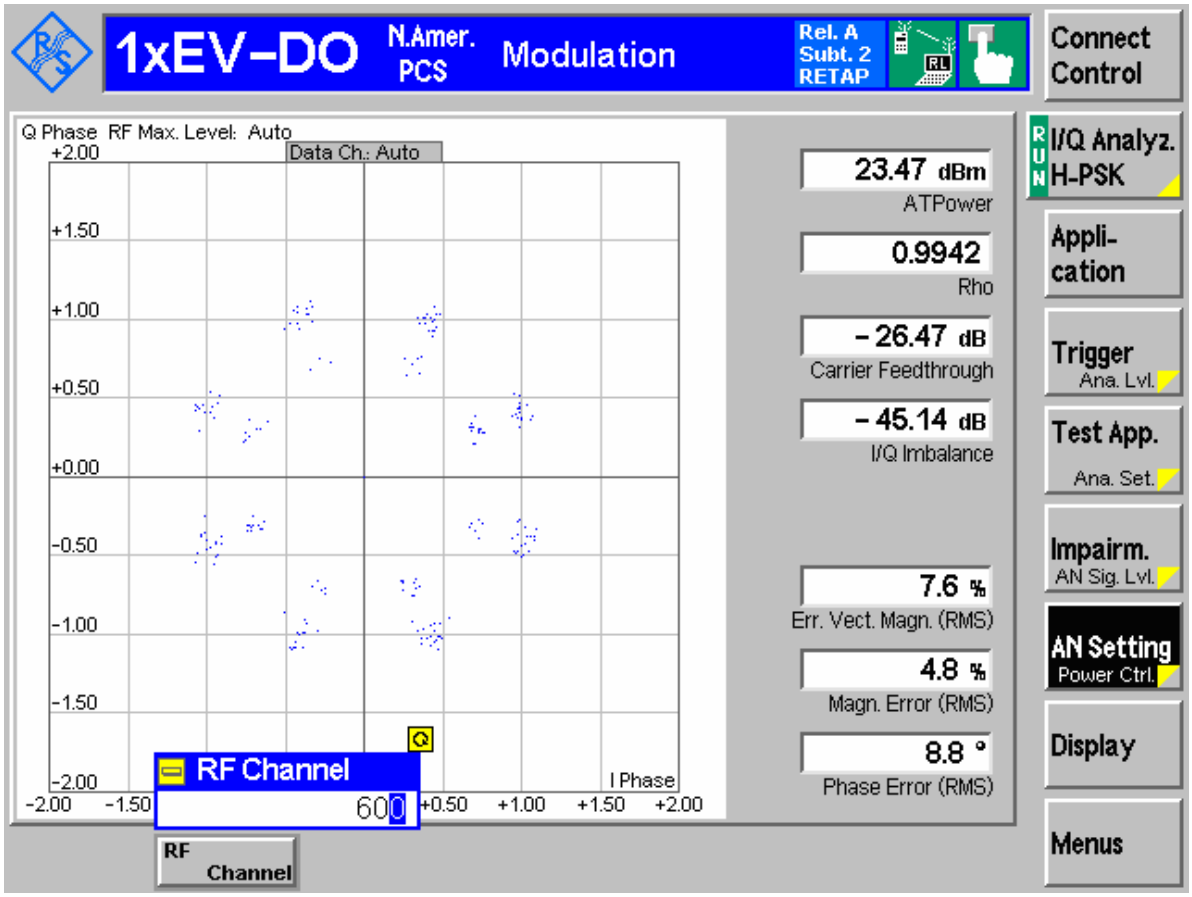
R-Data Pkt Size （256 bits） （BPSK）



R-Data Pkt Size （4096 bits） （QPSK）



R-Data Pkt Size （12288 bits） （8PSK）

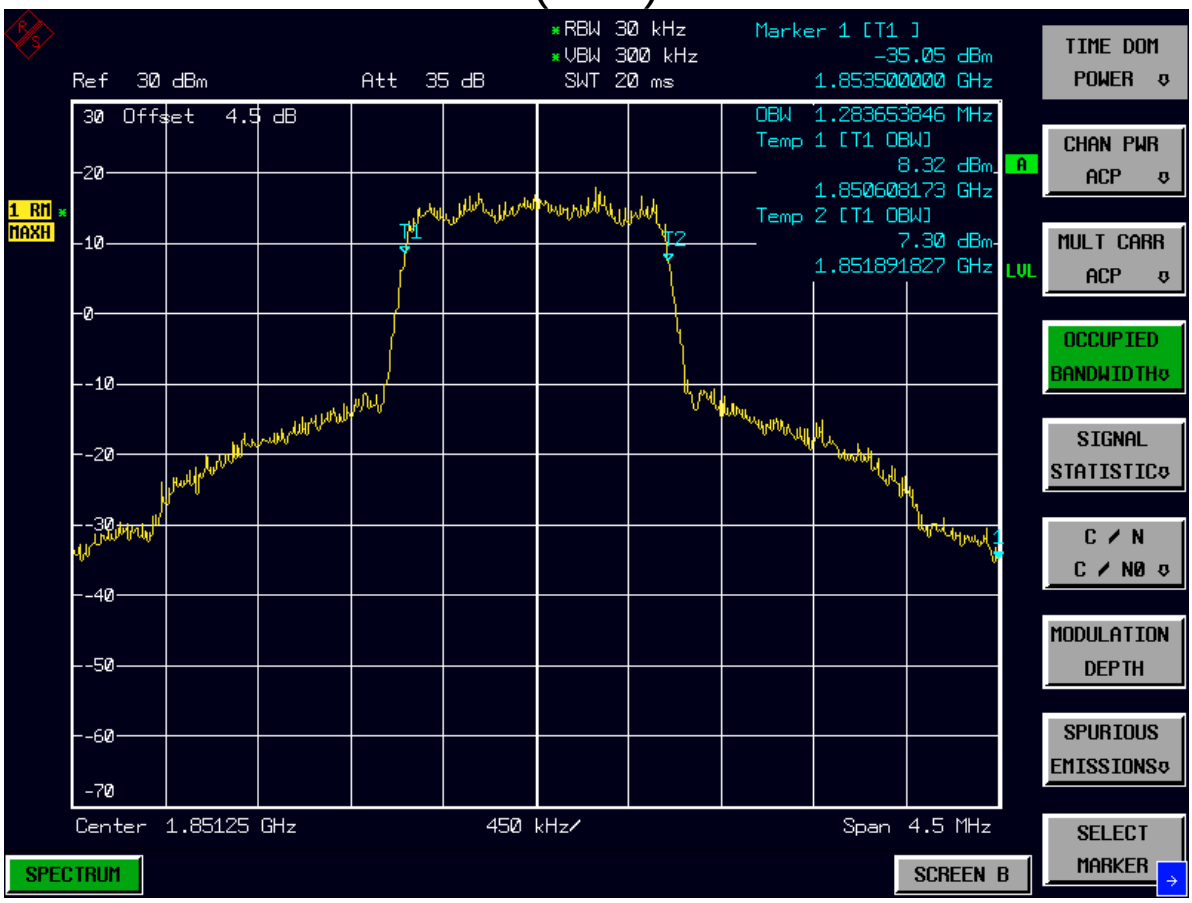


Appendix B

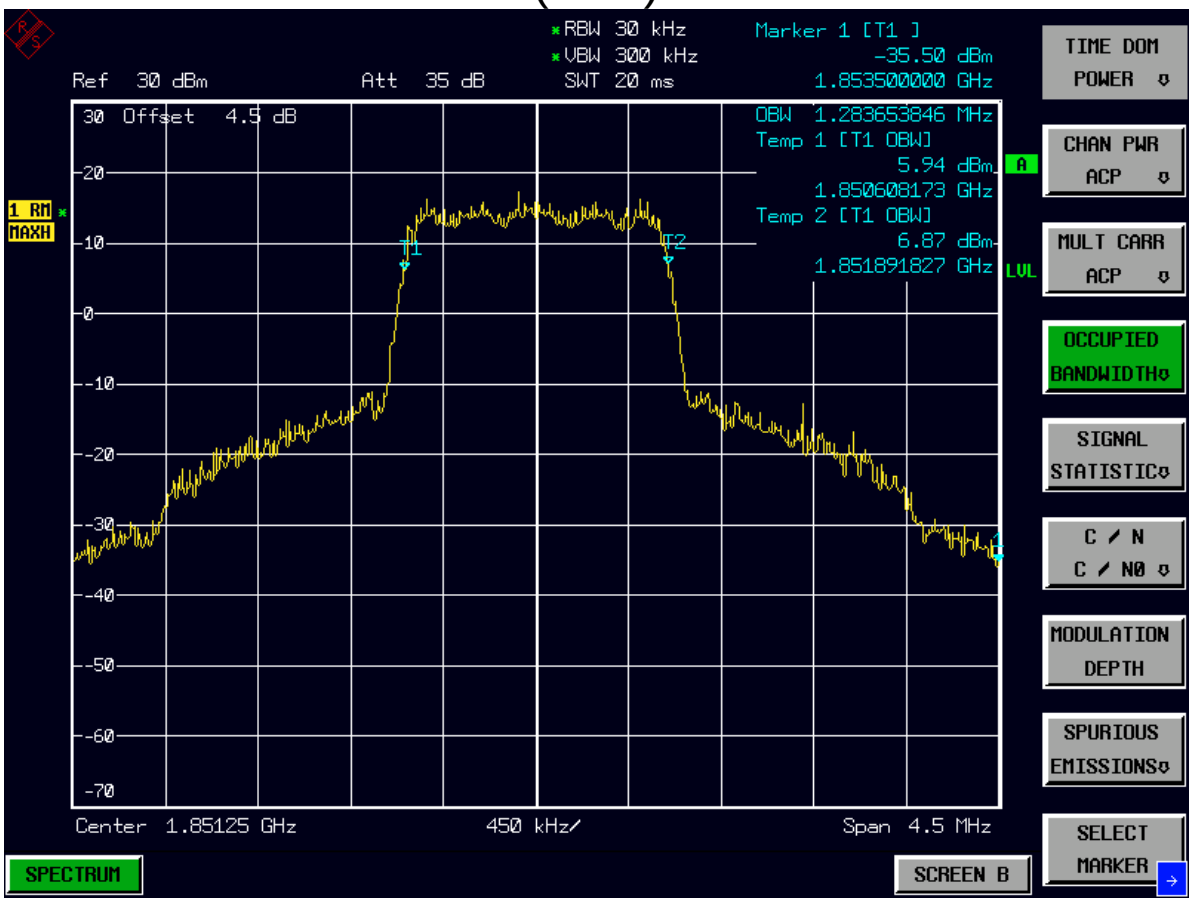
Occupied Bandwidth

According to FCC part 2.1049 & Part 24 Subpart E

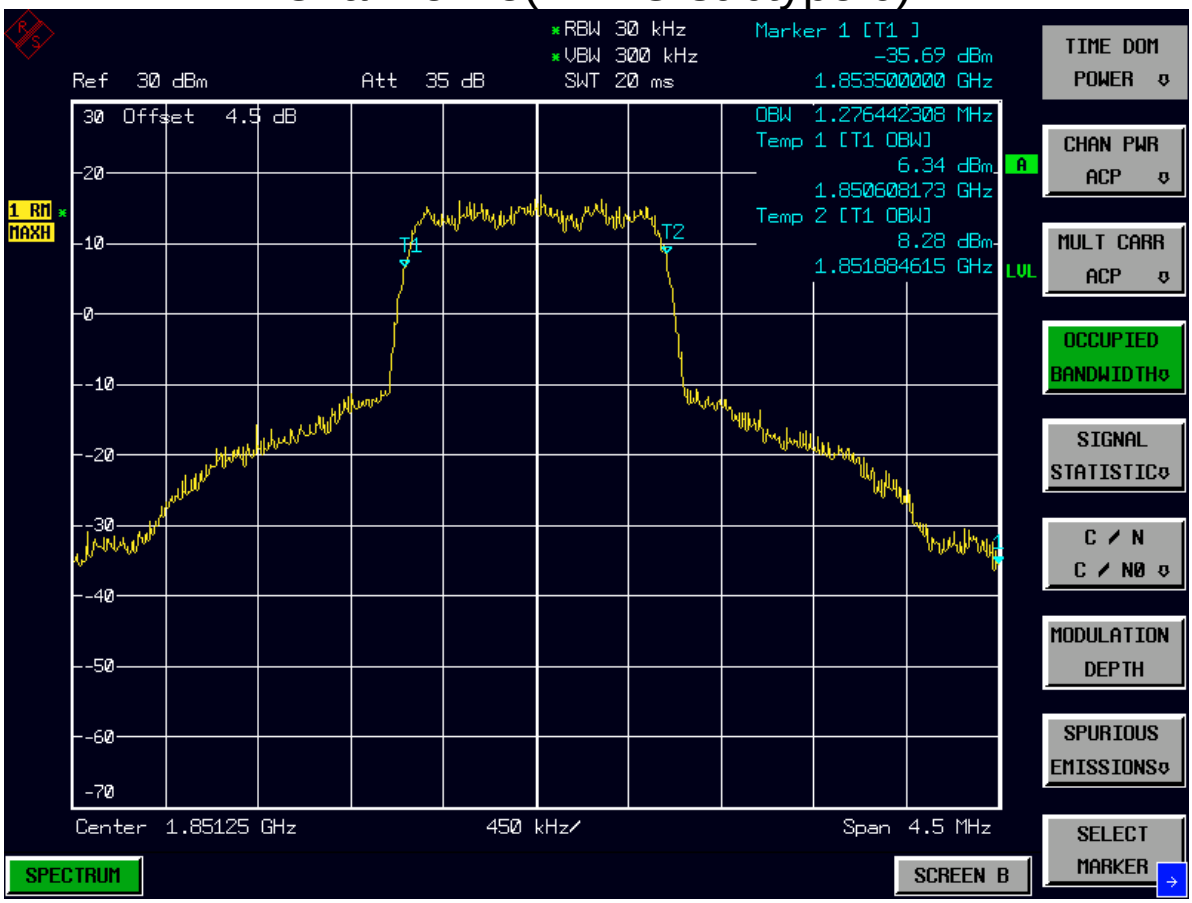
Channel 25
(TM1)



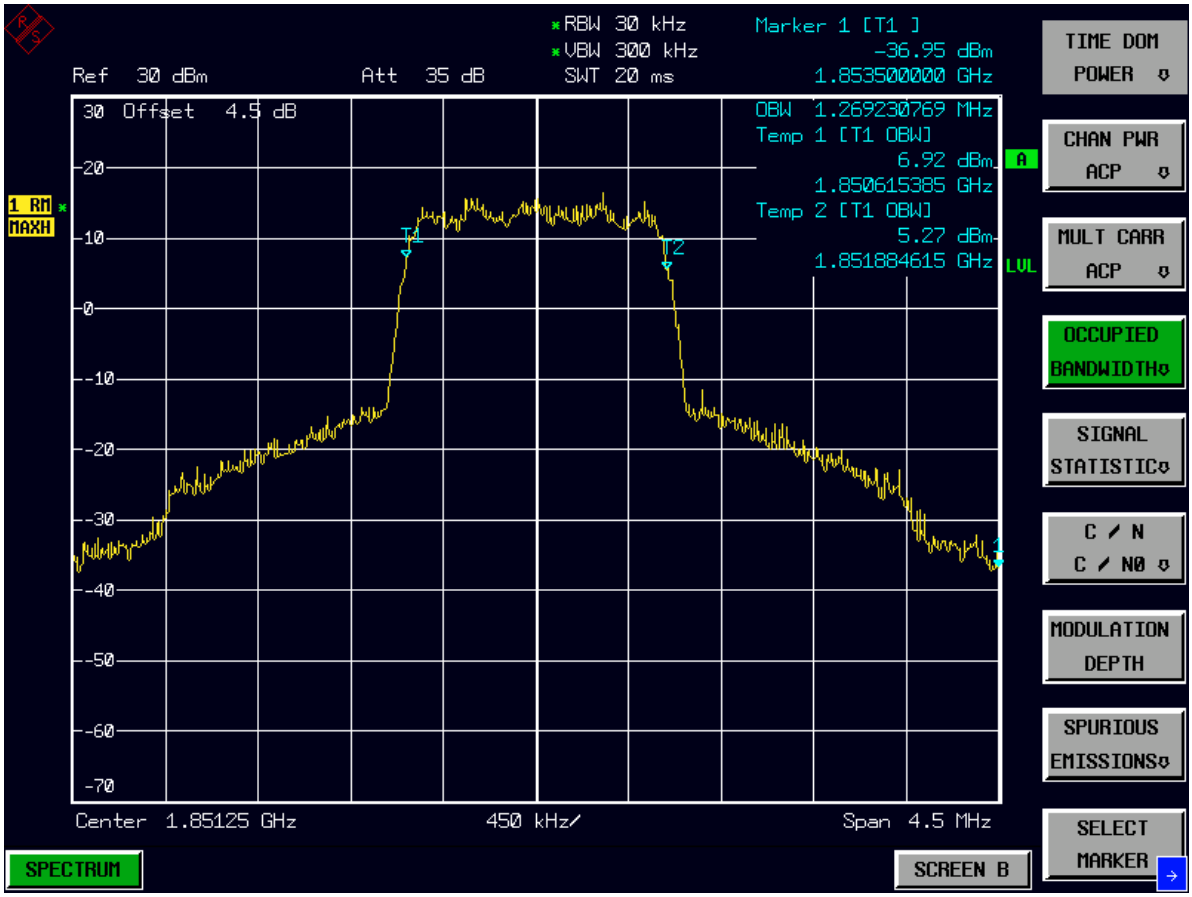
Channel 25
(TM3)



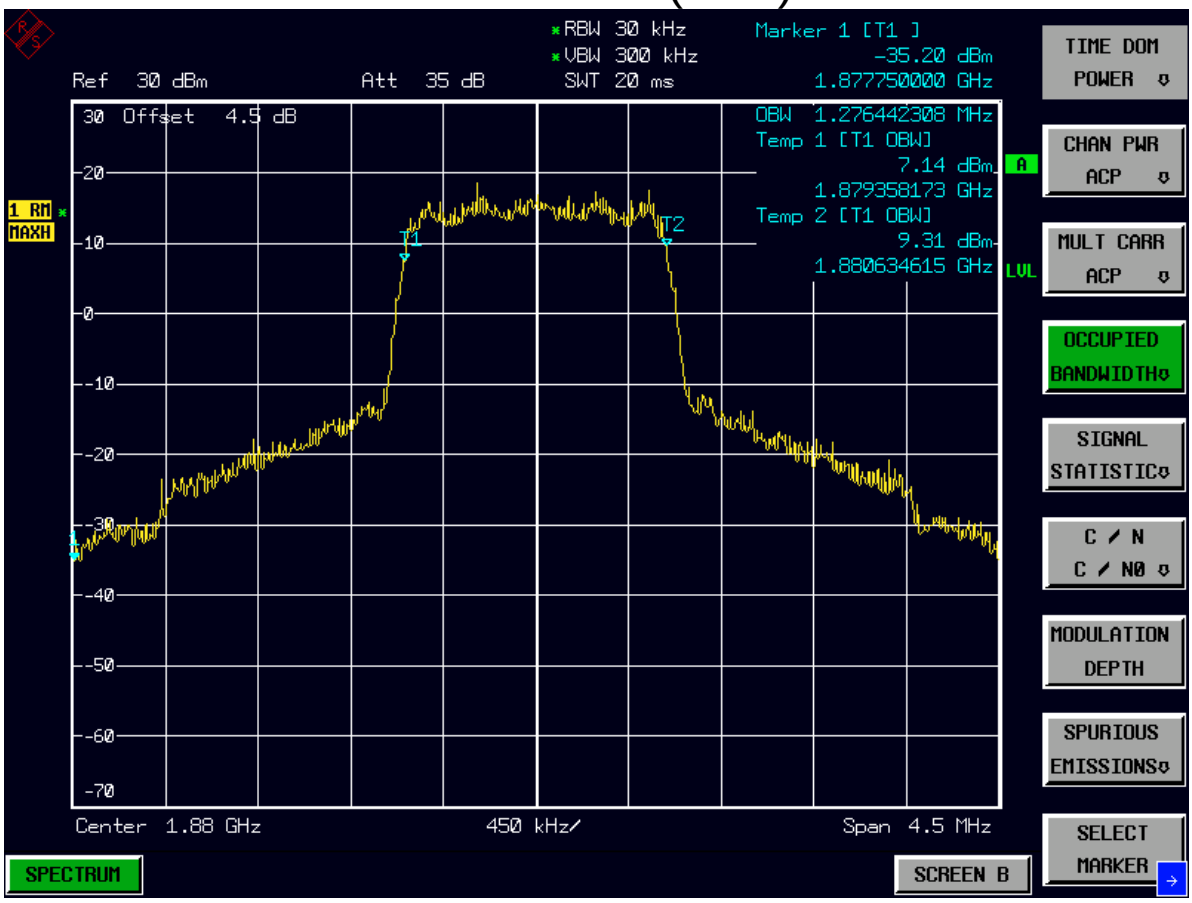
Channel 25(EVDO subtype 0)



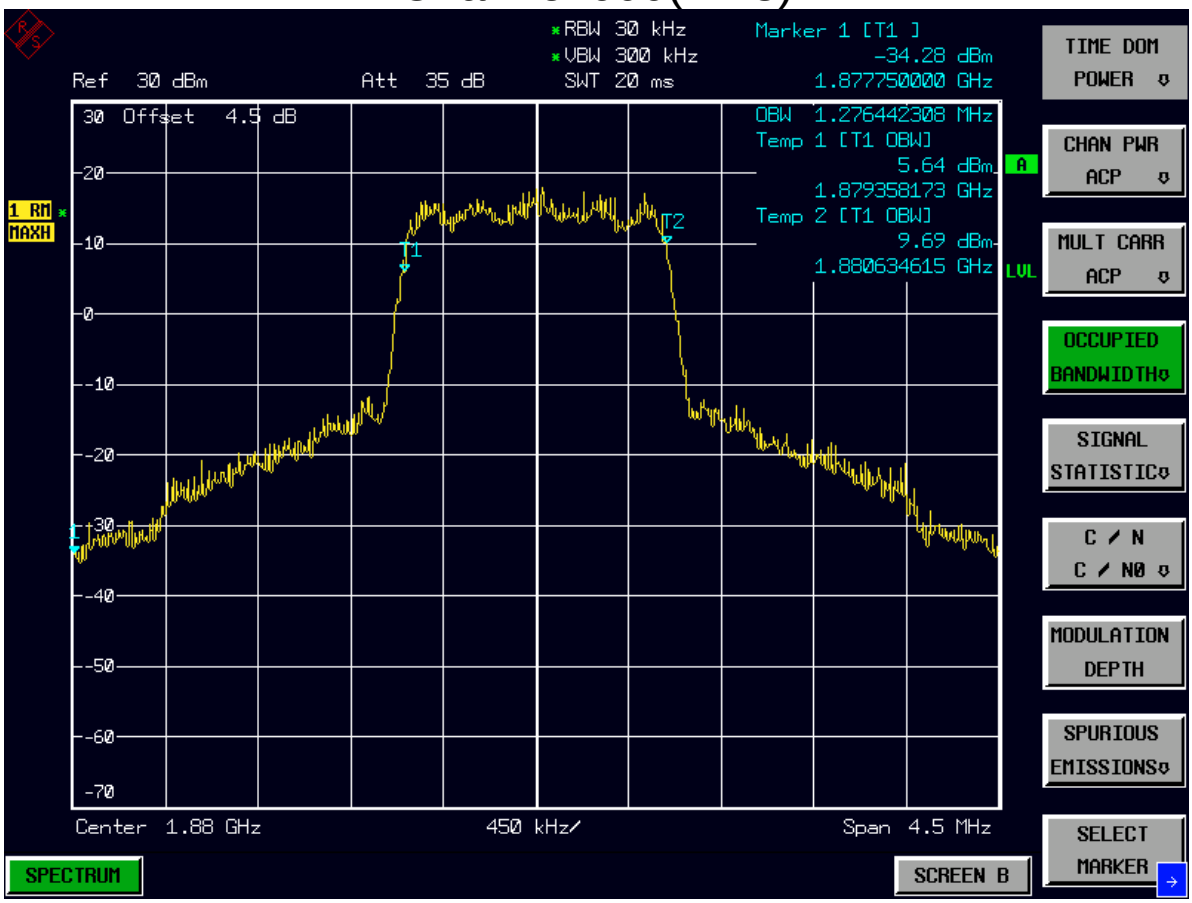
Channel 25
(EVDO Subtype 2)



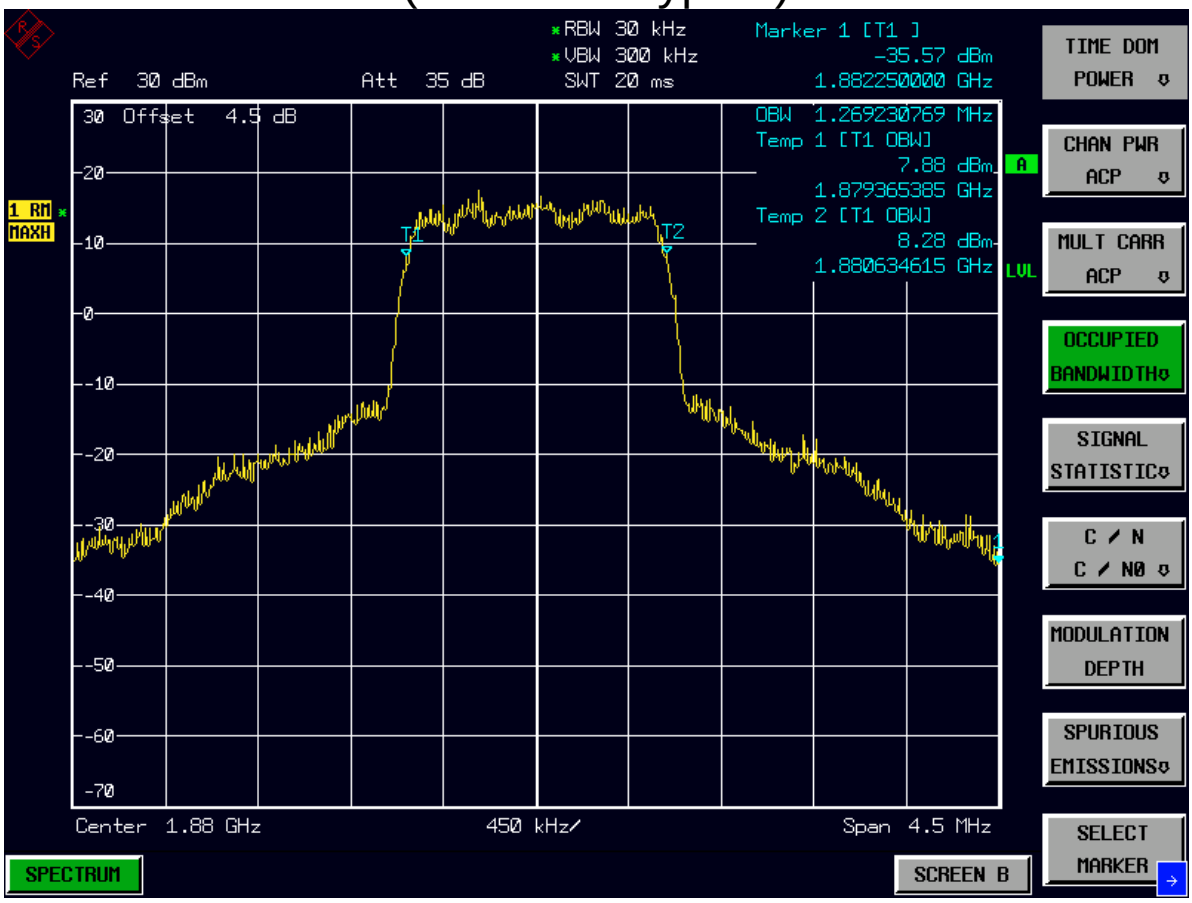
Channel 600(TM1)



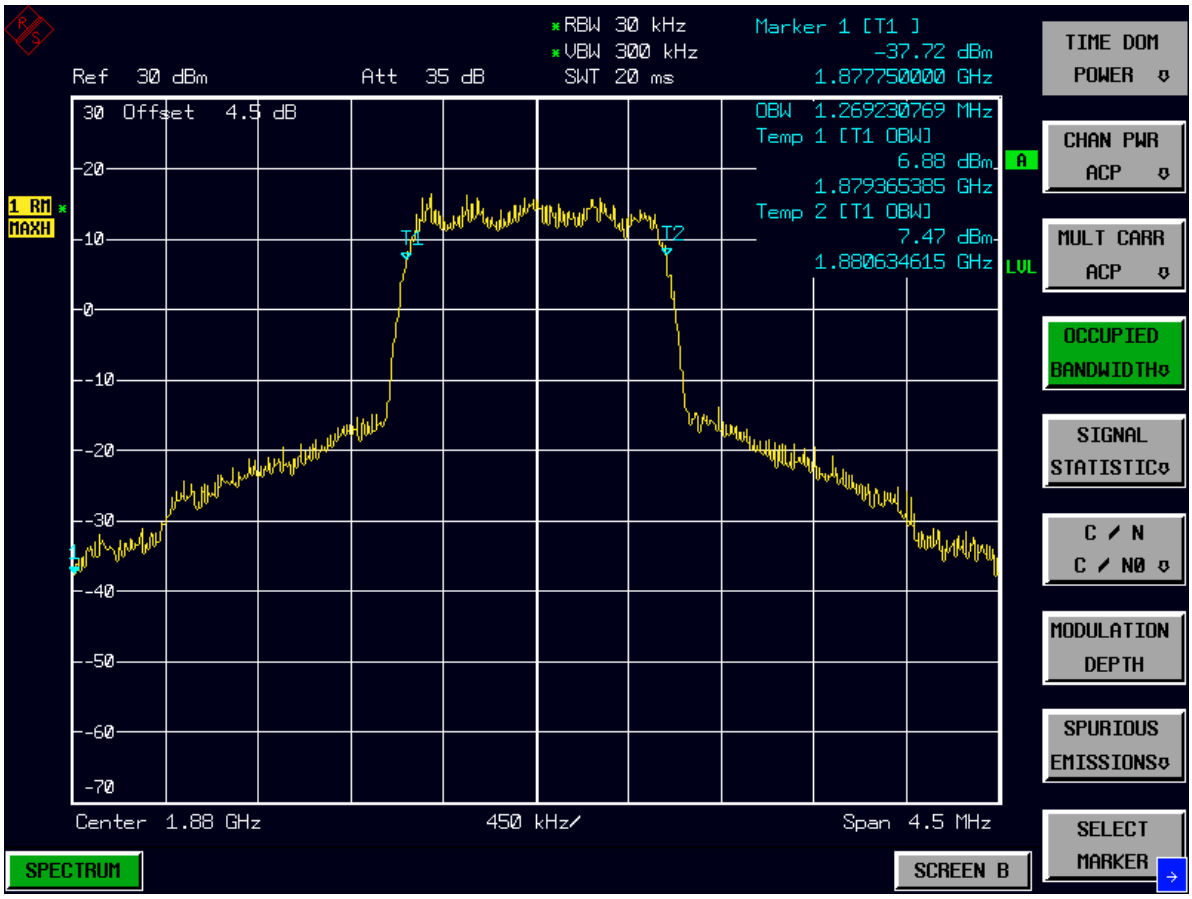
Channel 600(TM3)



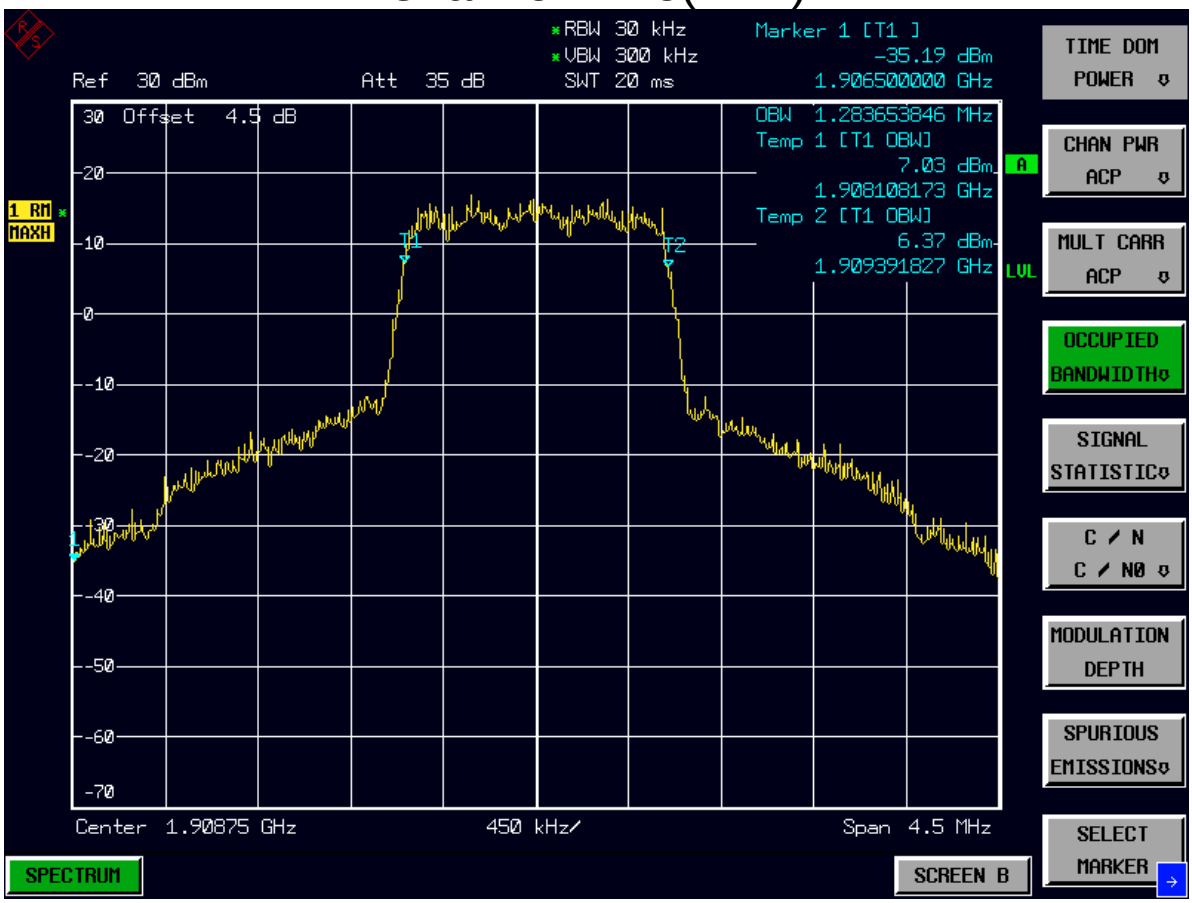
Channel 600
(EVDO subtype 0)



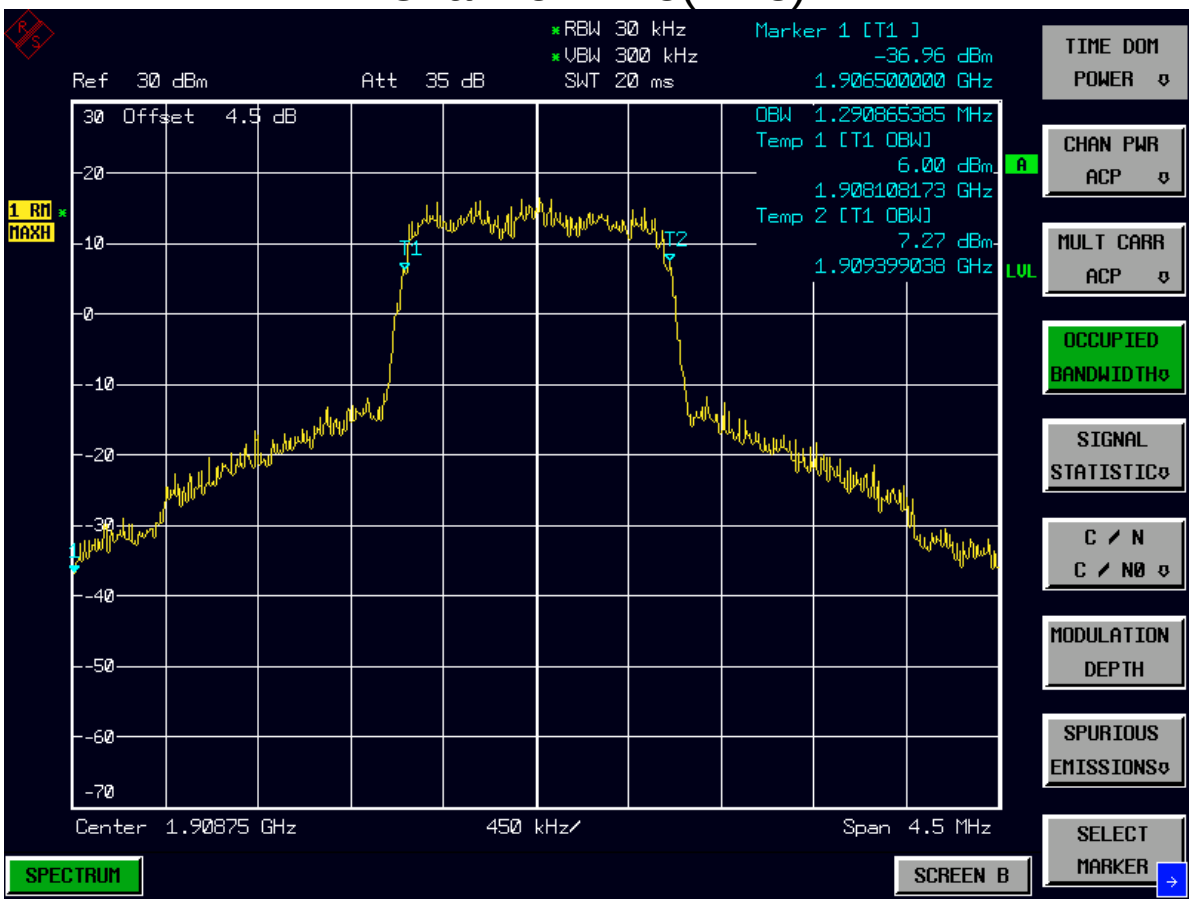
Channel 600(EVDO subtype 2)



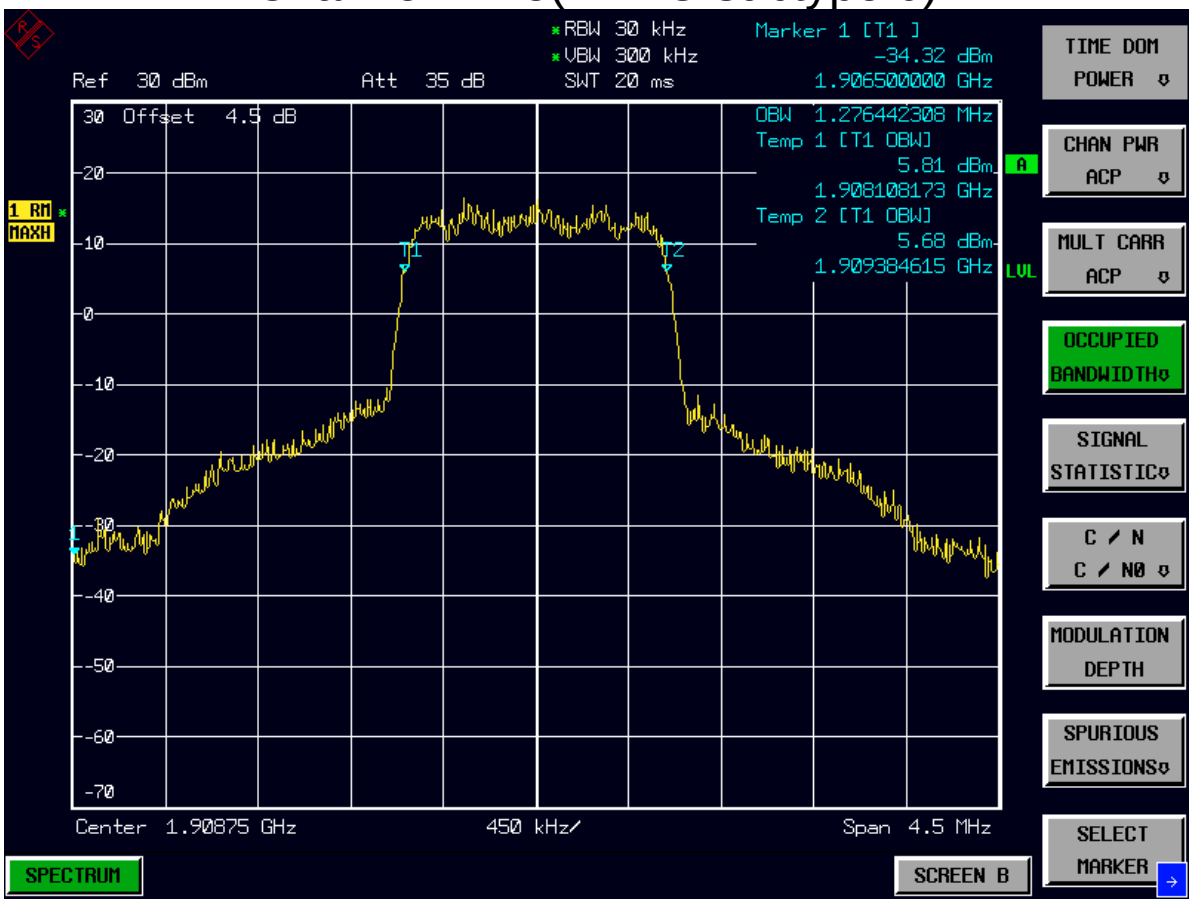
Channel 1175(TM1)



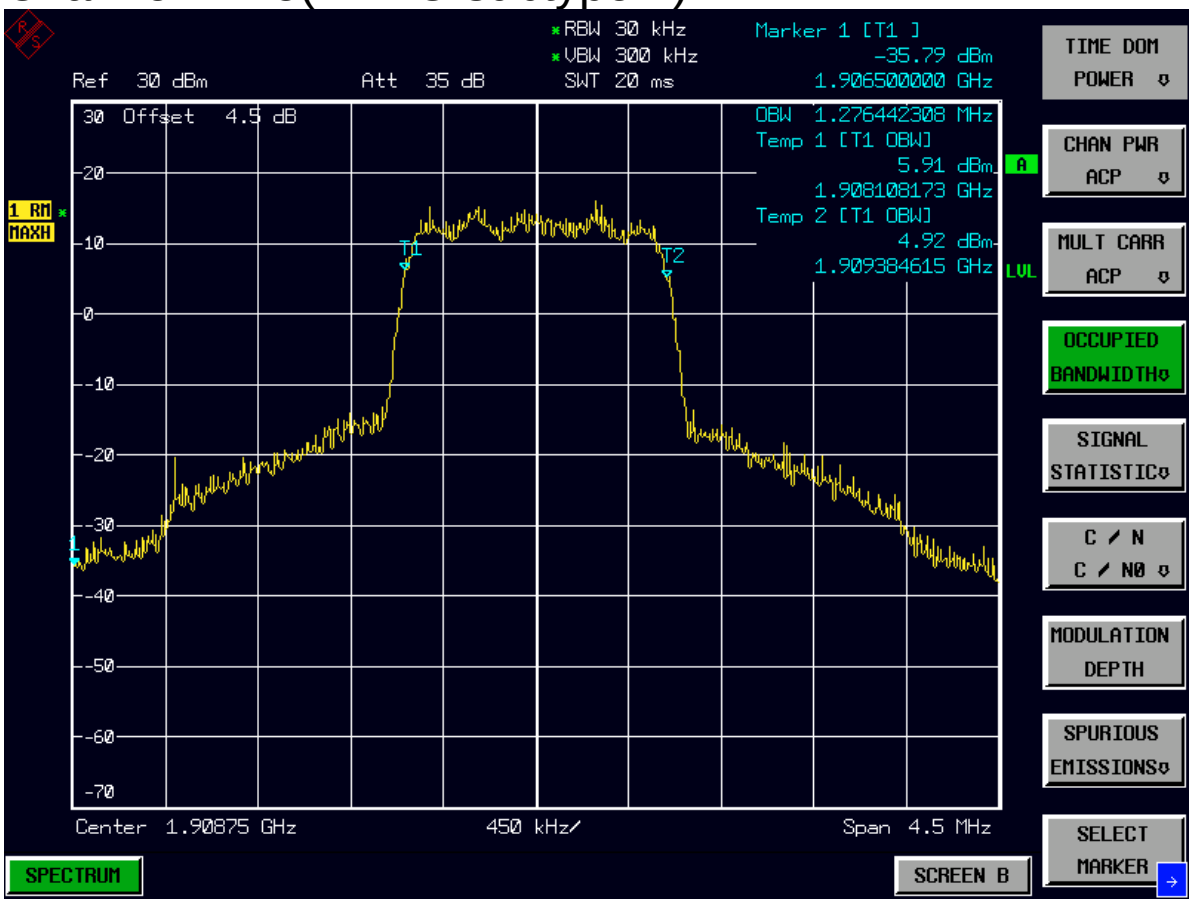
Channel 1175(TM3)



Channel 1175(EVDO subtype 0)



Channel 1175(EVDO subtype 2)



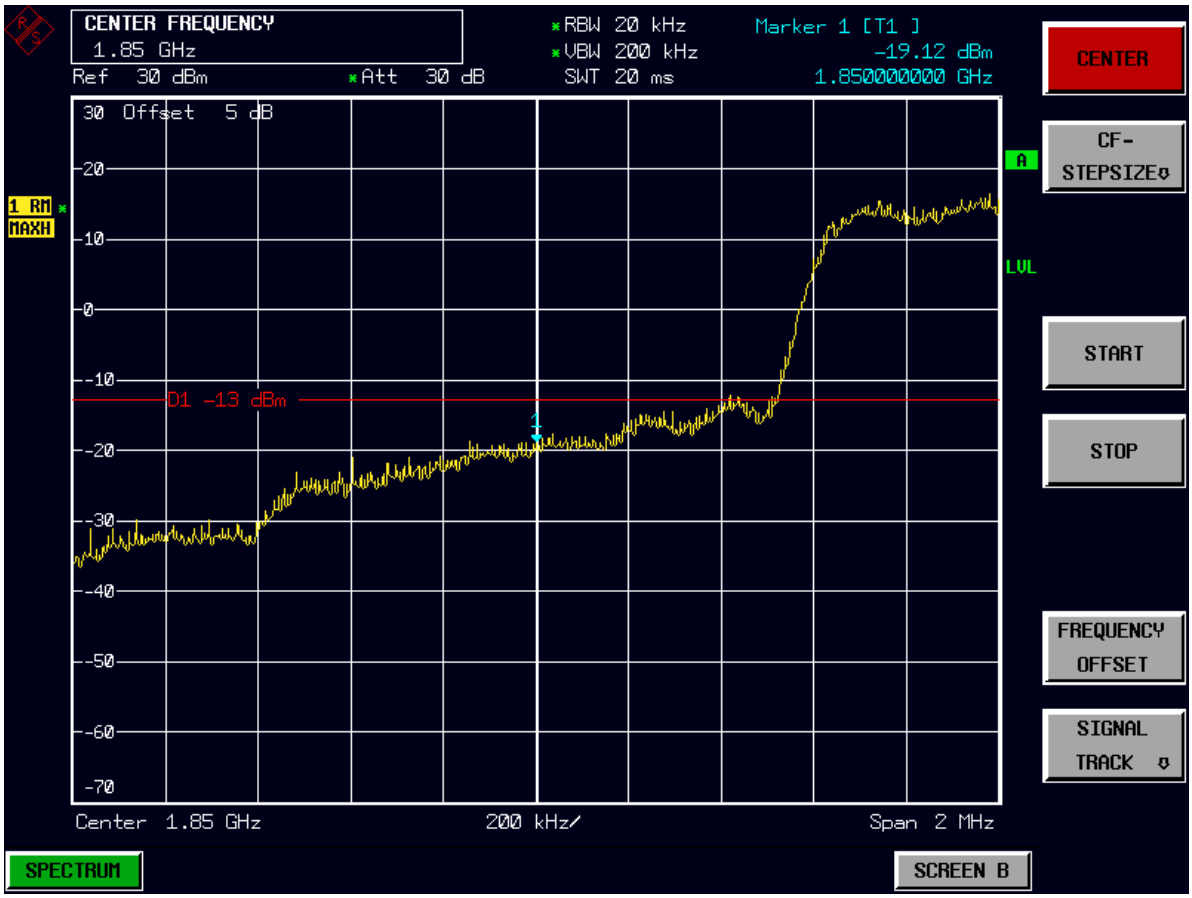
Appendix C

Band Edges Compliance

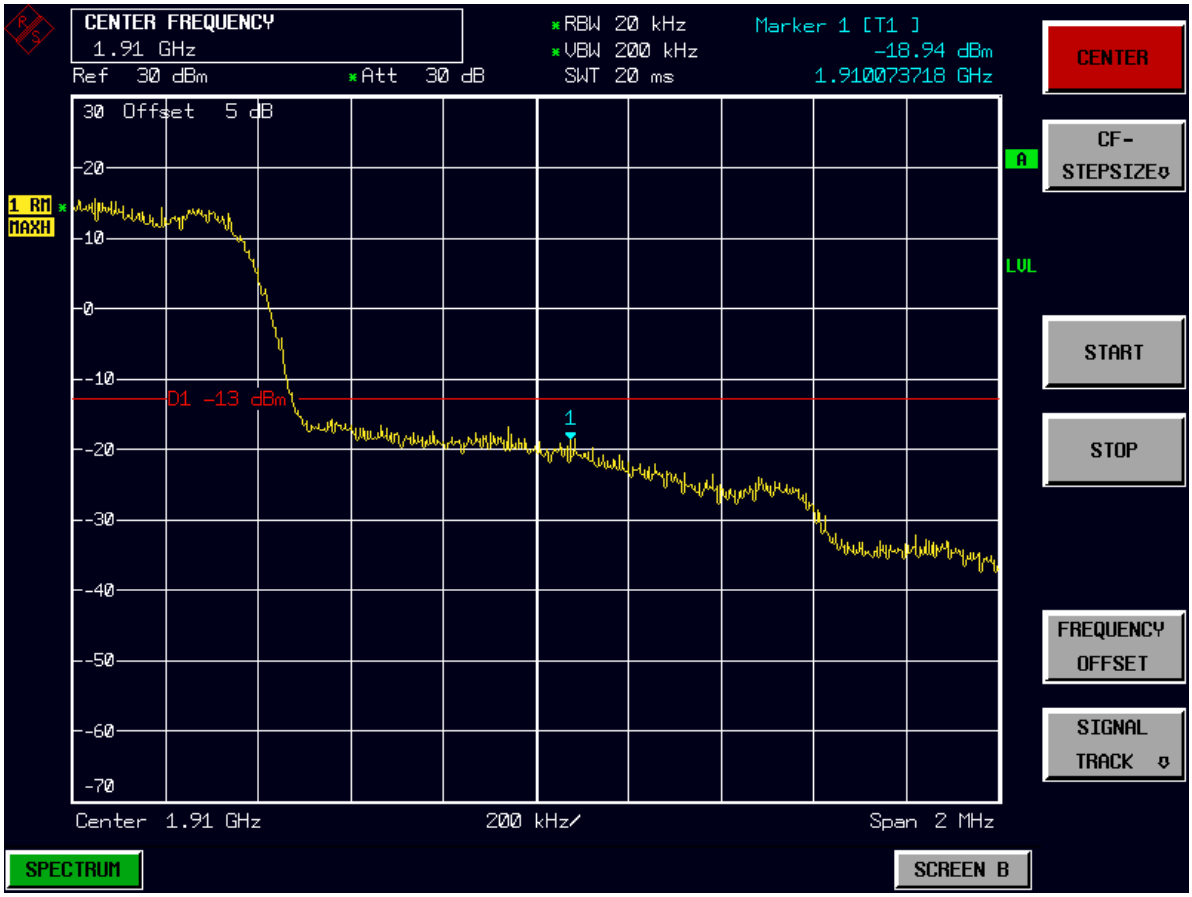
According to FCC Part 2.1051 & 24.238

TM1

Left Edge (1850 MHz)
Channel 25

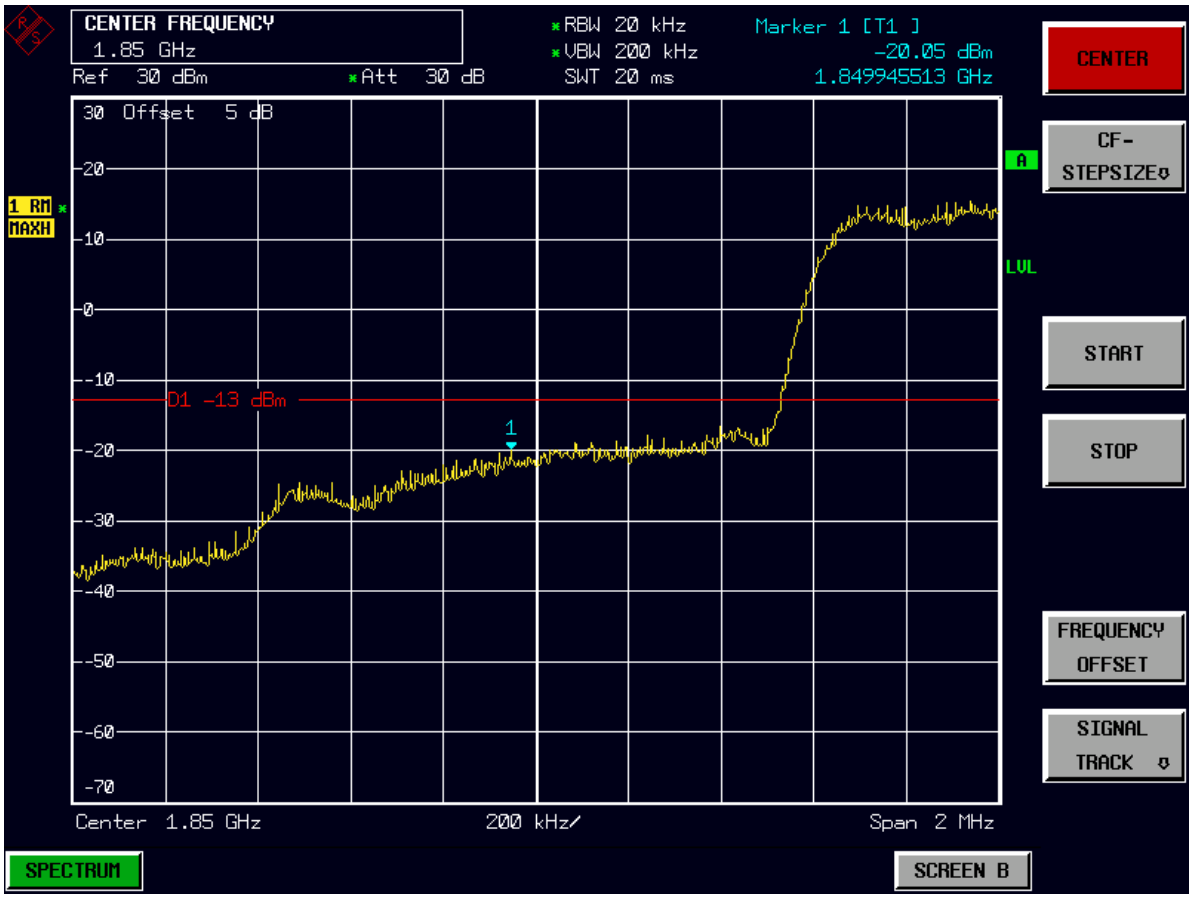


Right Edge (1910MHz)
Channel 1175

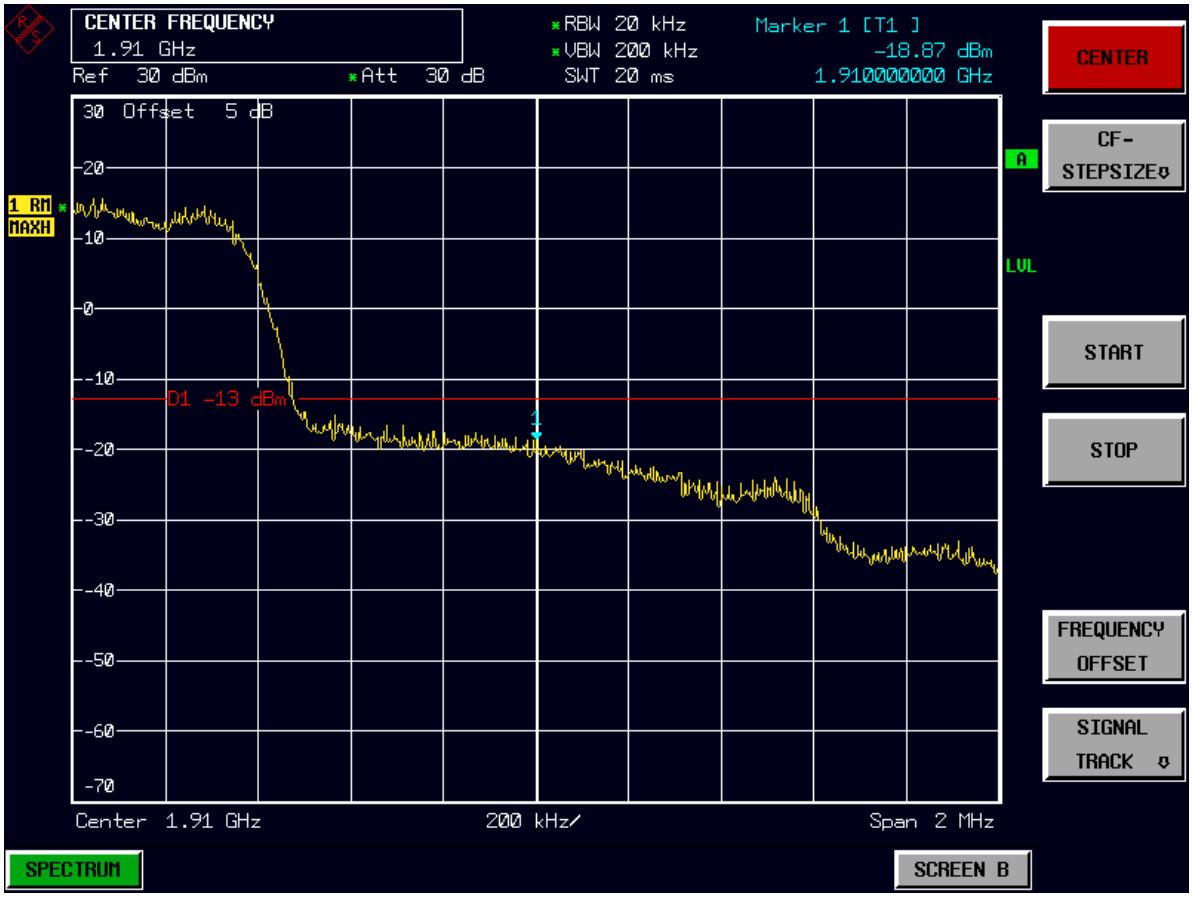


TM3

Left Edge (1850 MHz)
Channel
25

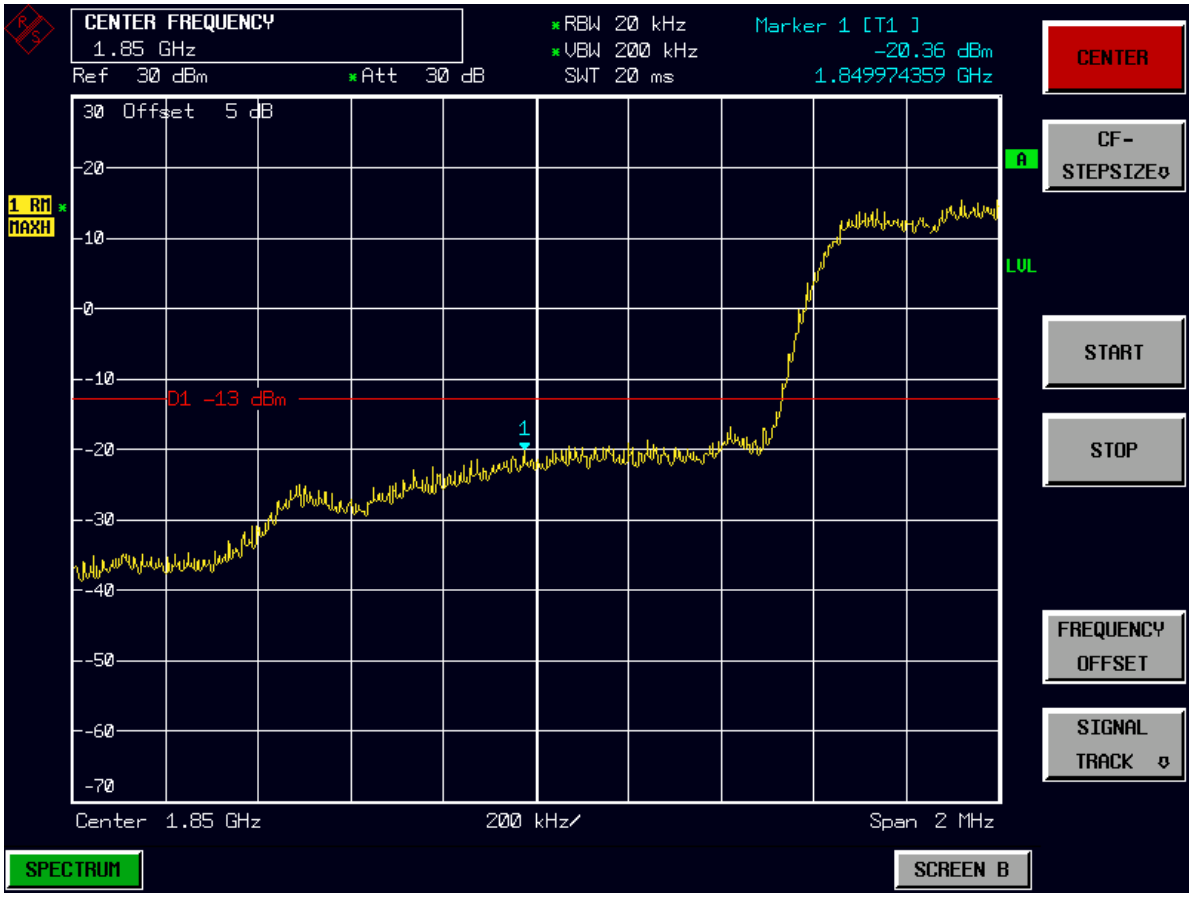


Right Edge (1910MHz)
Channel
1175



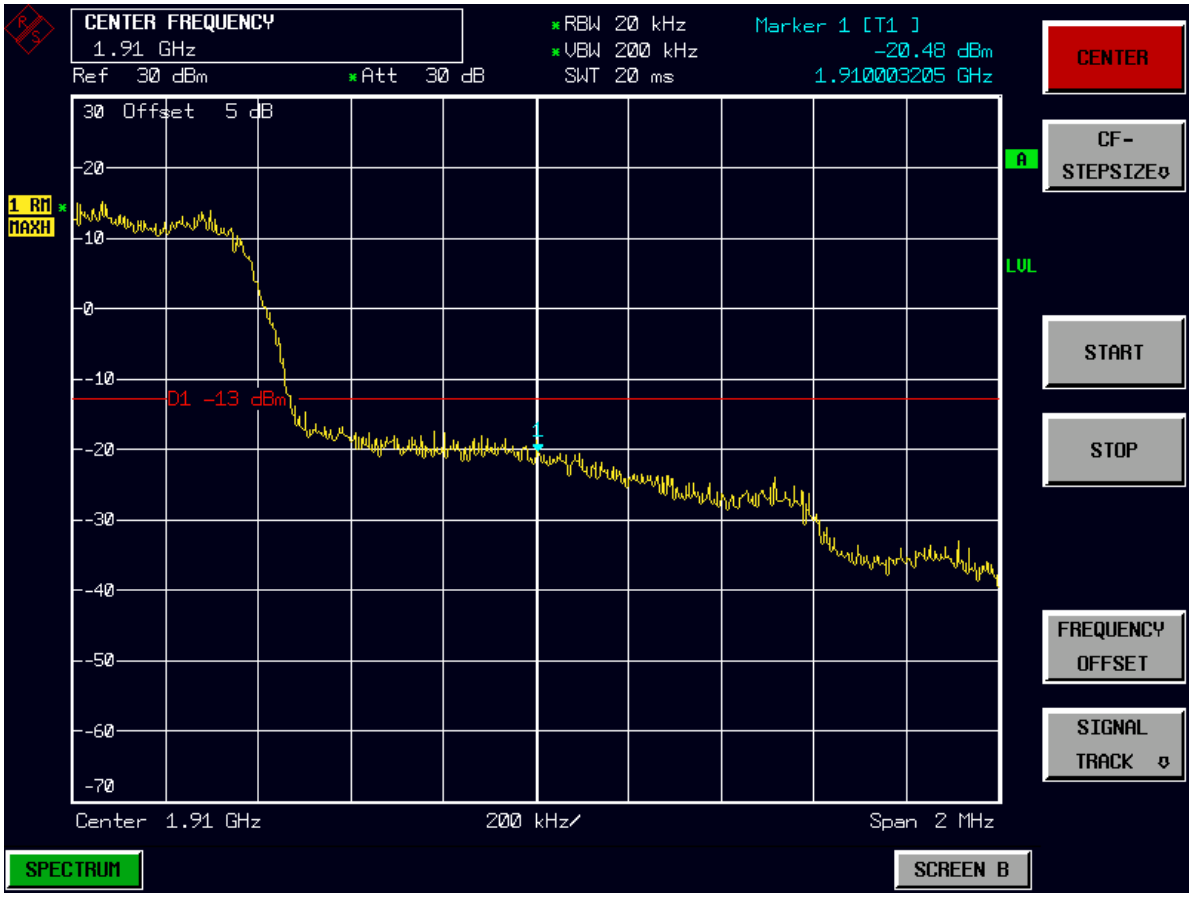
EVDO subtype 0

Left Edge (1850 MHz)
Channel 25



Right Edge (1910MHz)

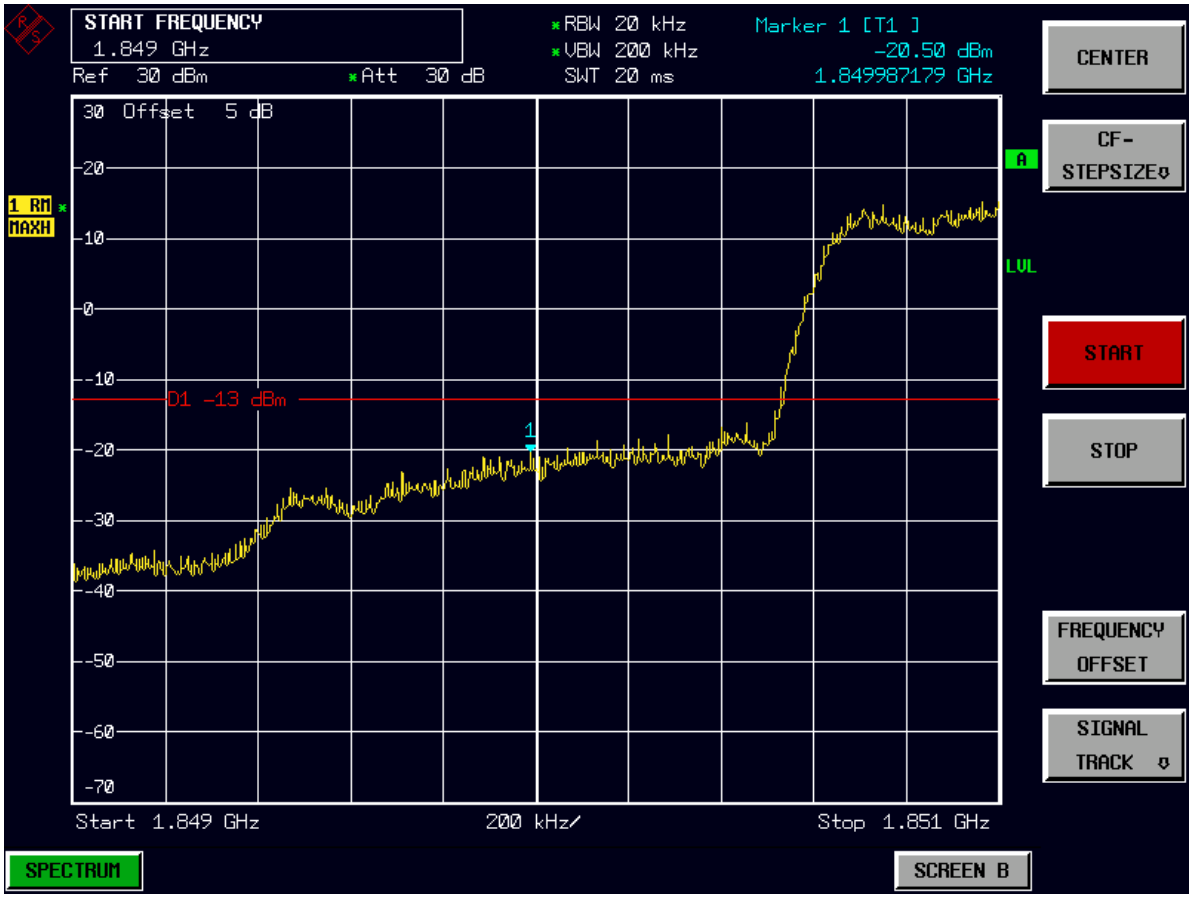
Channel 1175



EVDO subtype 2

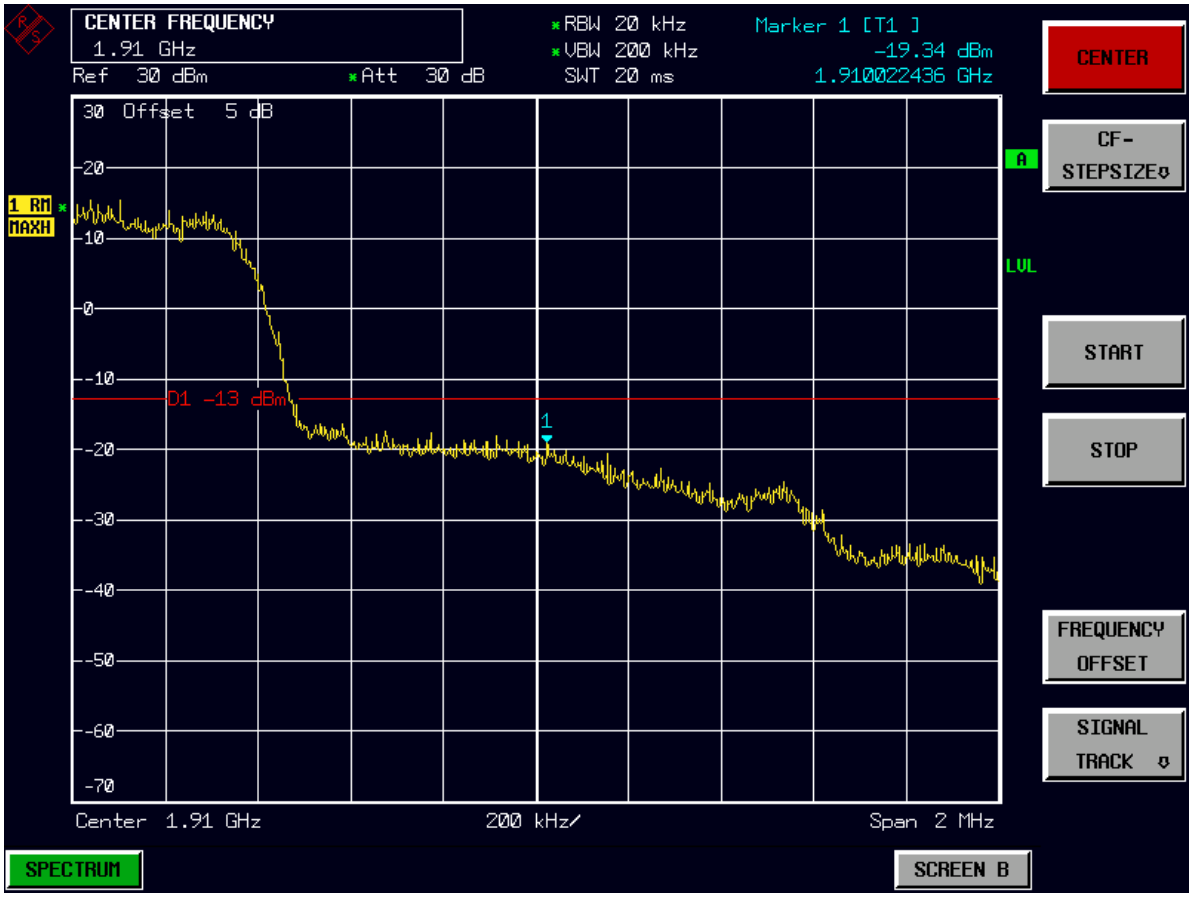
Modulation：BPSK

Left Edge (1850 MHz)
Channel 25



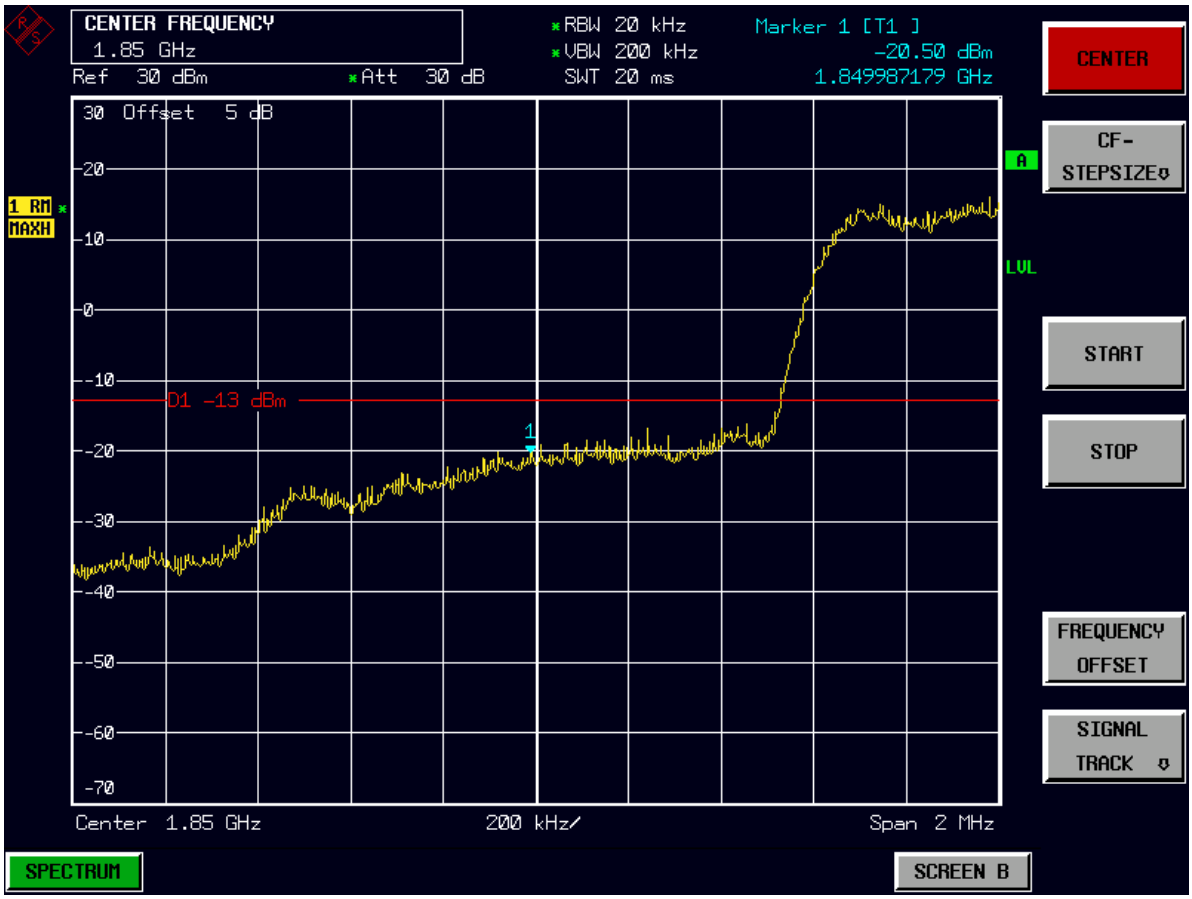
Right Edge (1910MHz)

Channel 1175

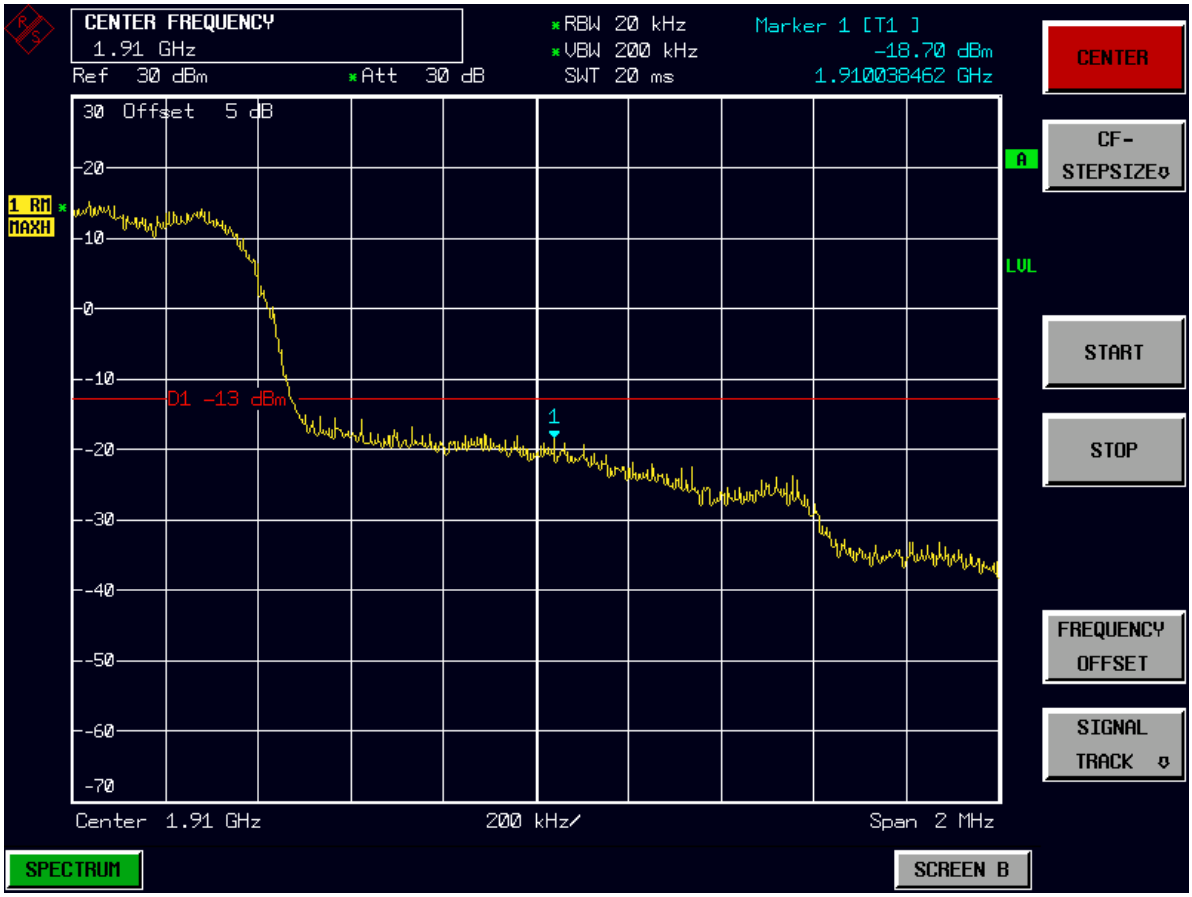


Modulation：QPSK

Left Edge (1850 MHz)
Channel 25

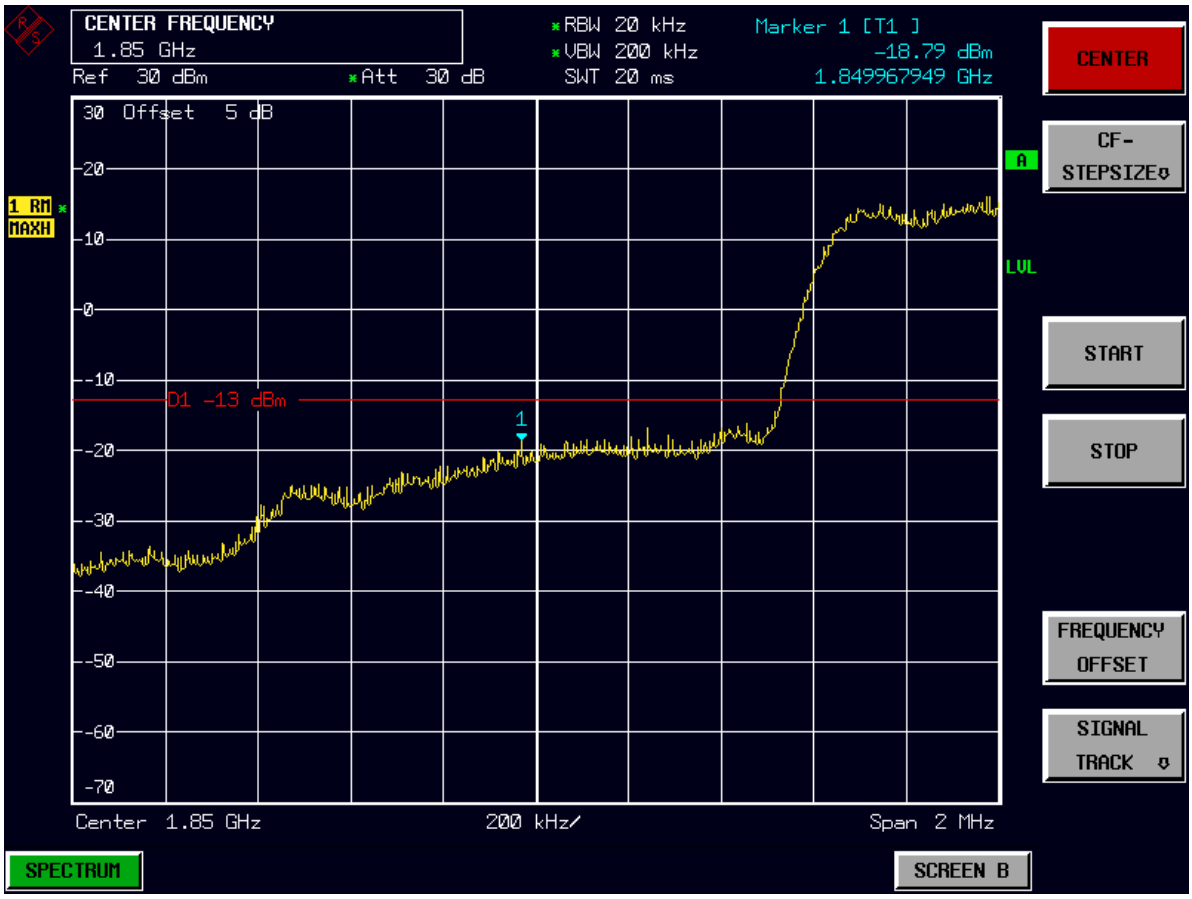


Right Edge (1910MHz)
Channel 1175



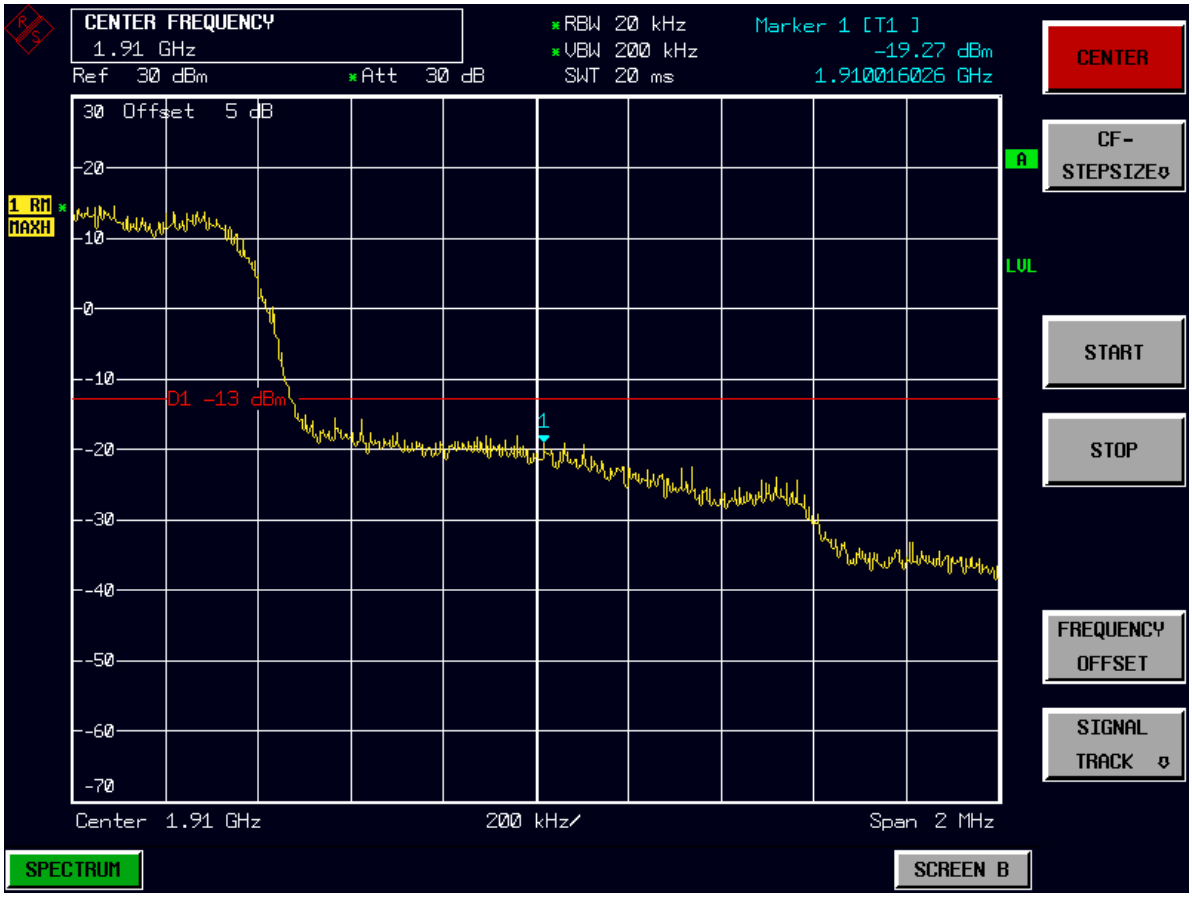
Modulation：8PSK

Left Edge (1850 MHz)
Channel 25



Right Edge (1910MHz)

Channel 1175



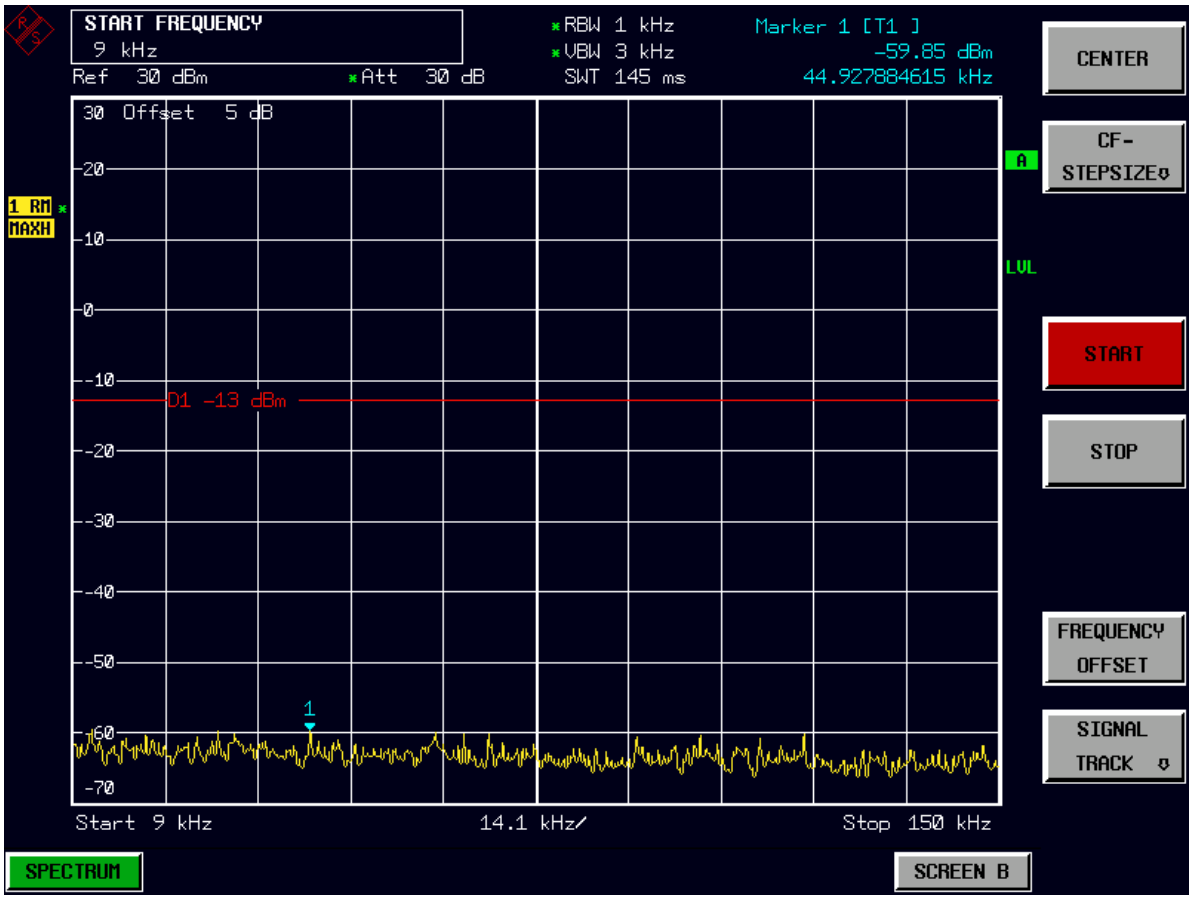
Appendix D

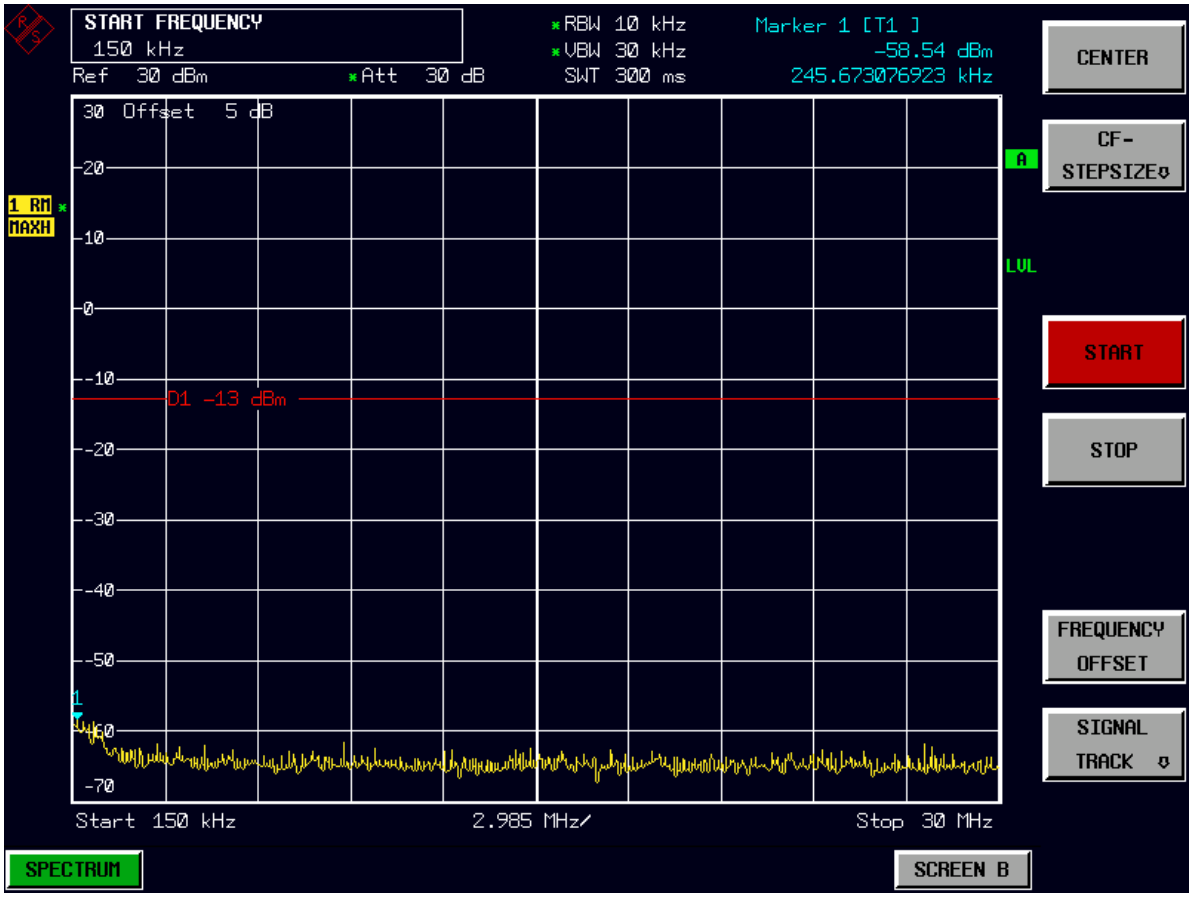
Spurious Emission at Antenna Terminal

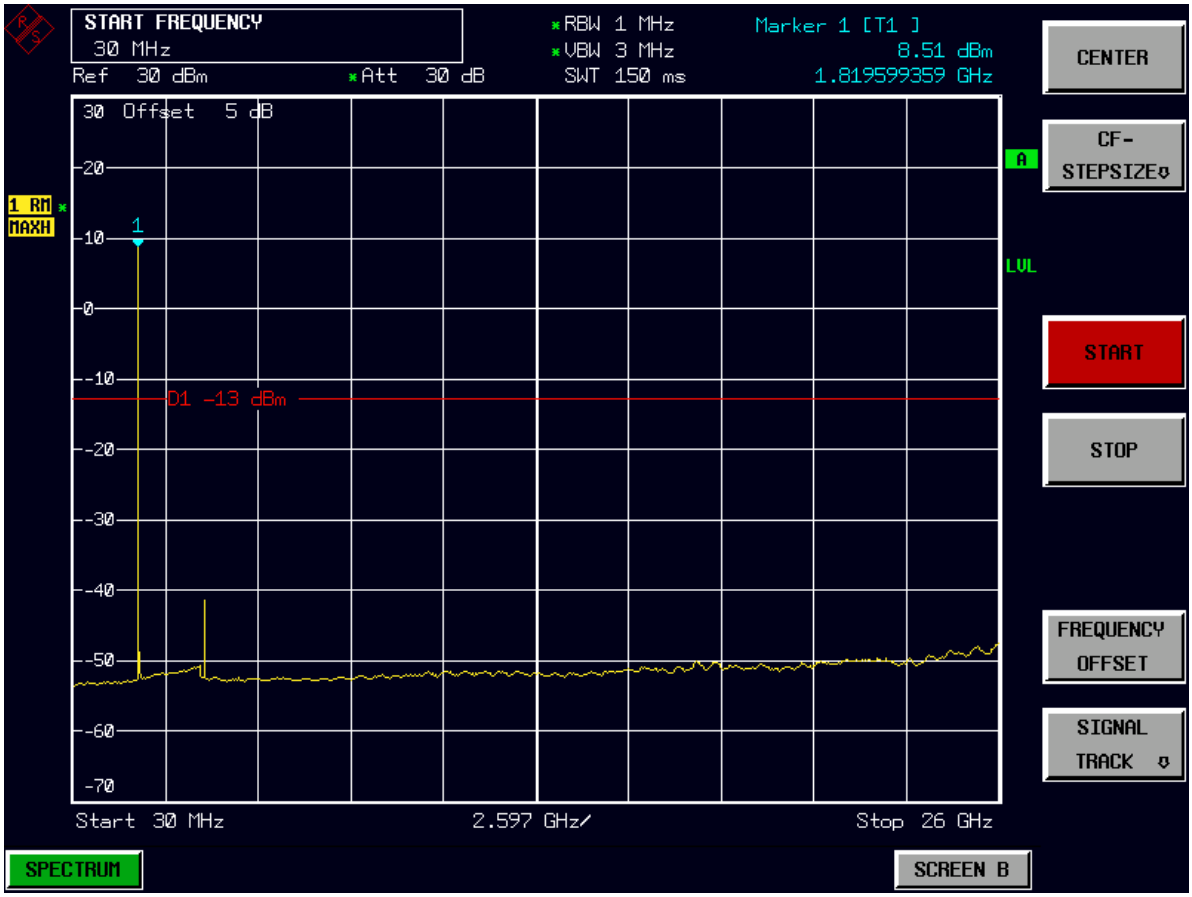
According to FCC Part 2.1051 & 24.238

TM1

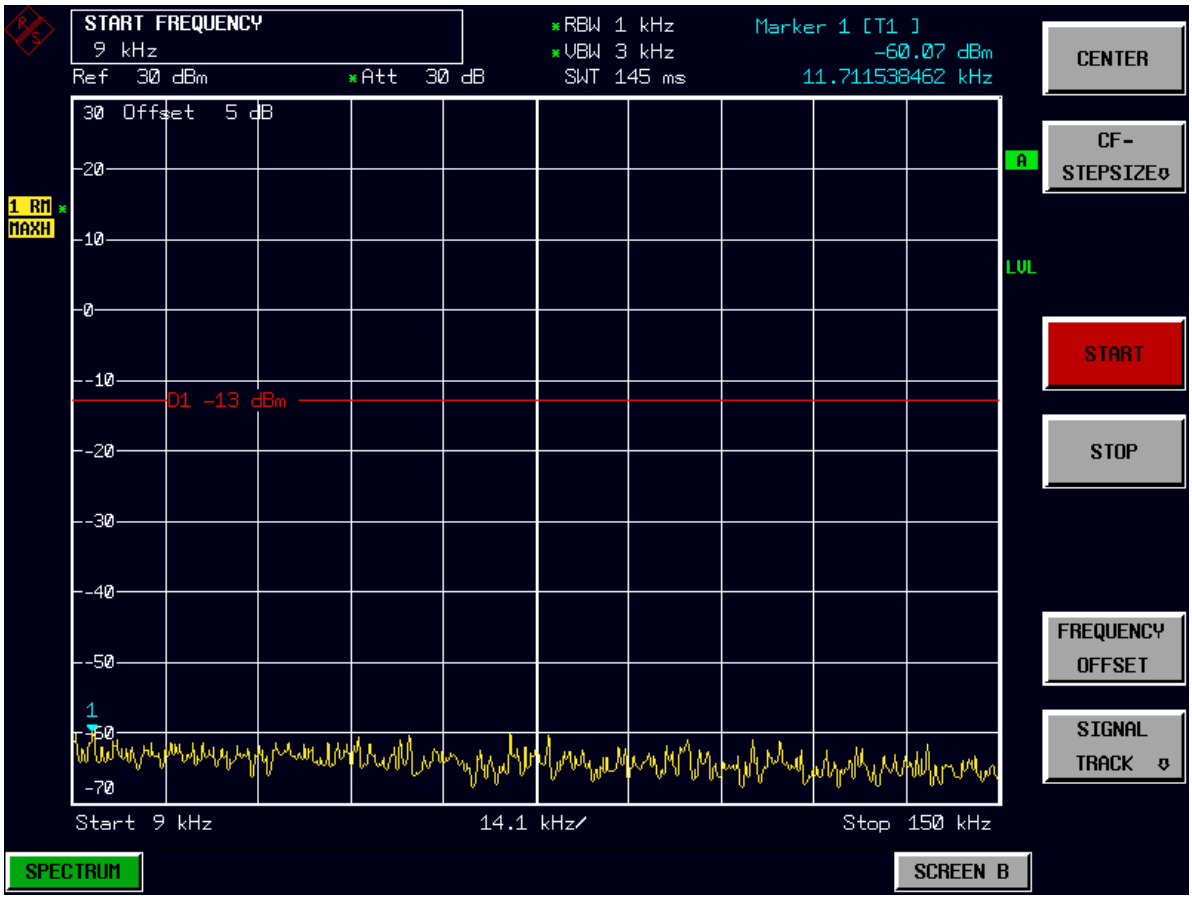
Channel 25

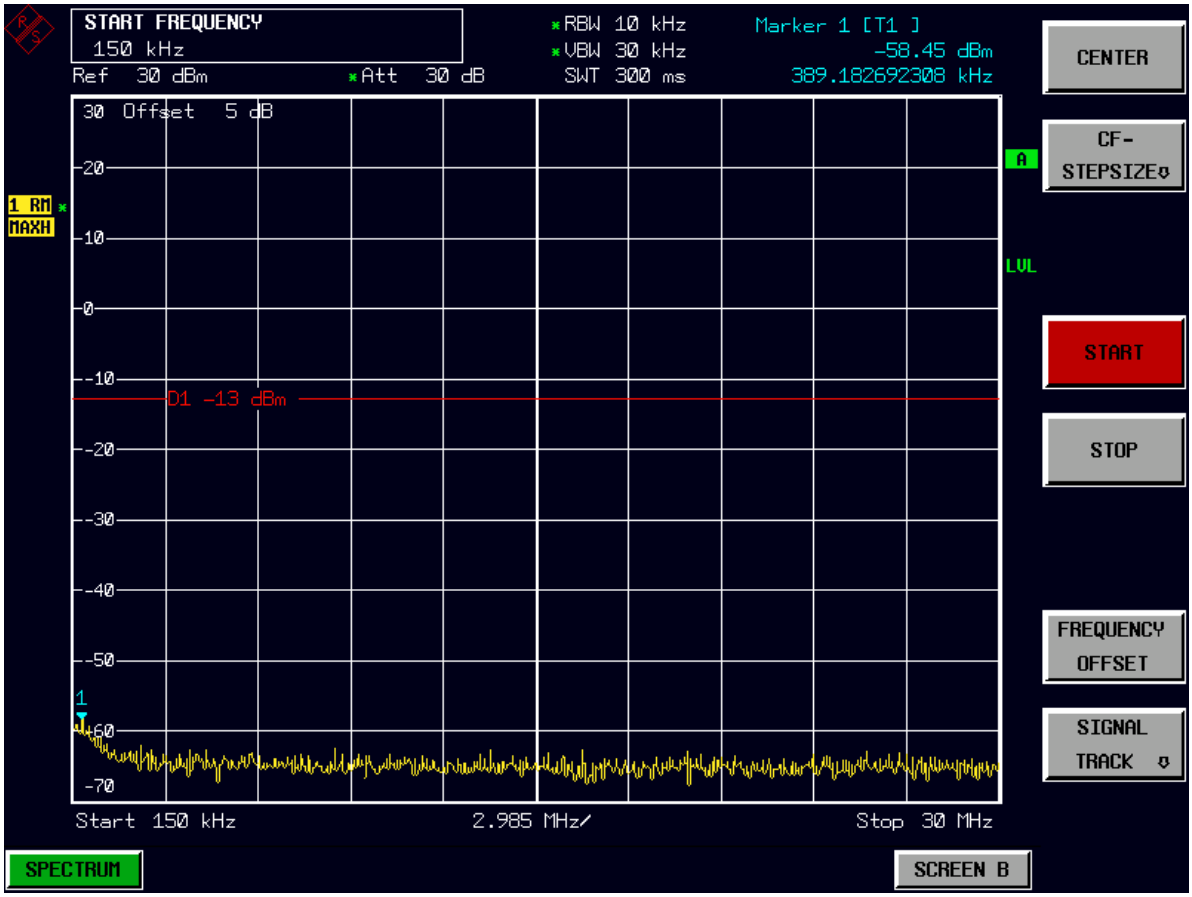


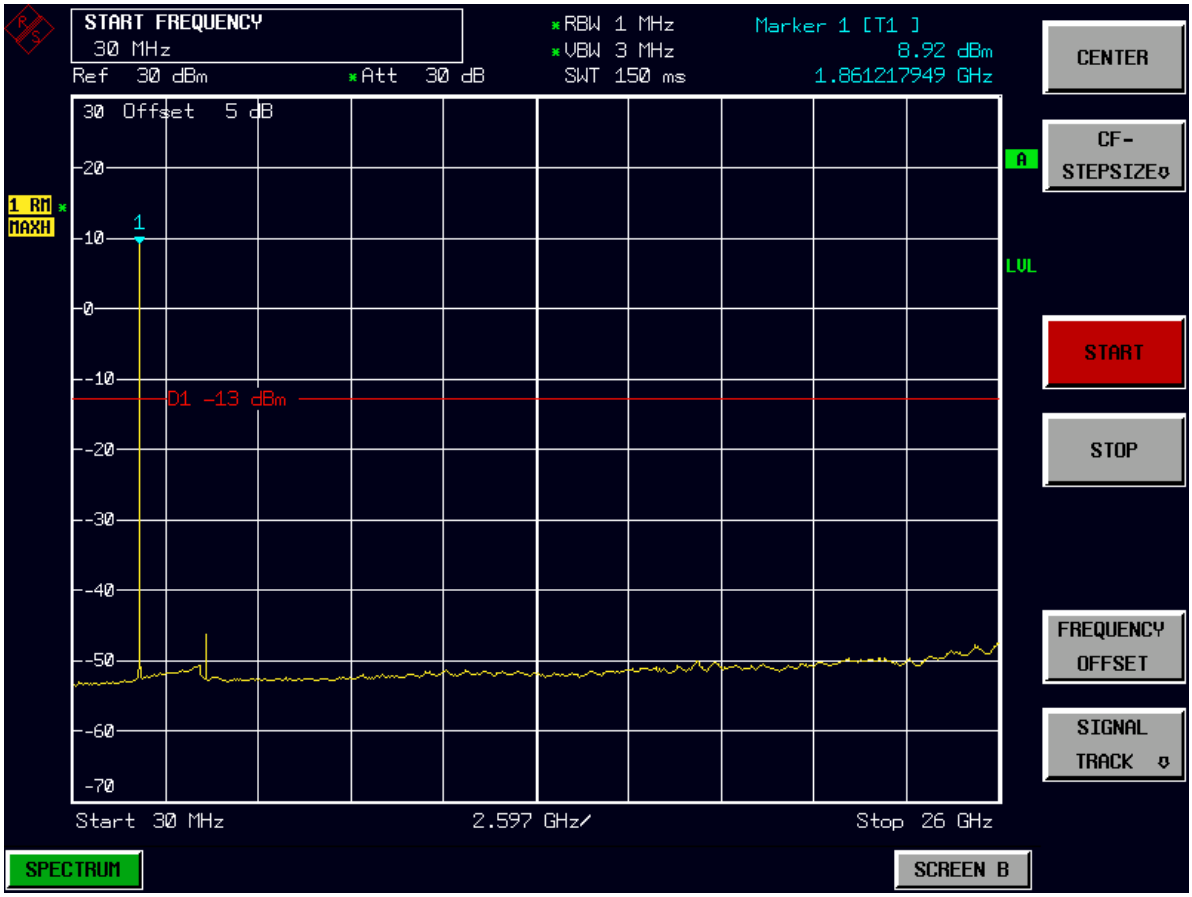

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.54 dBm
245.673076923 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.51 dBm
1.819599359 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

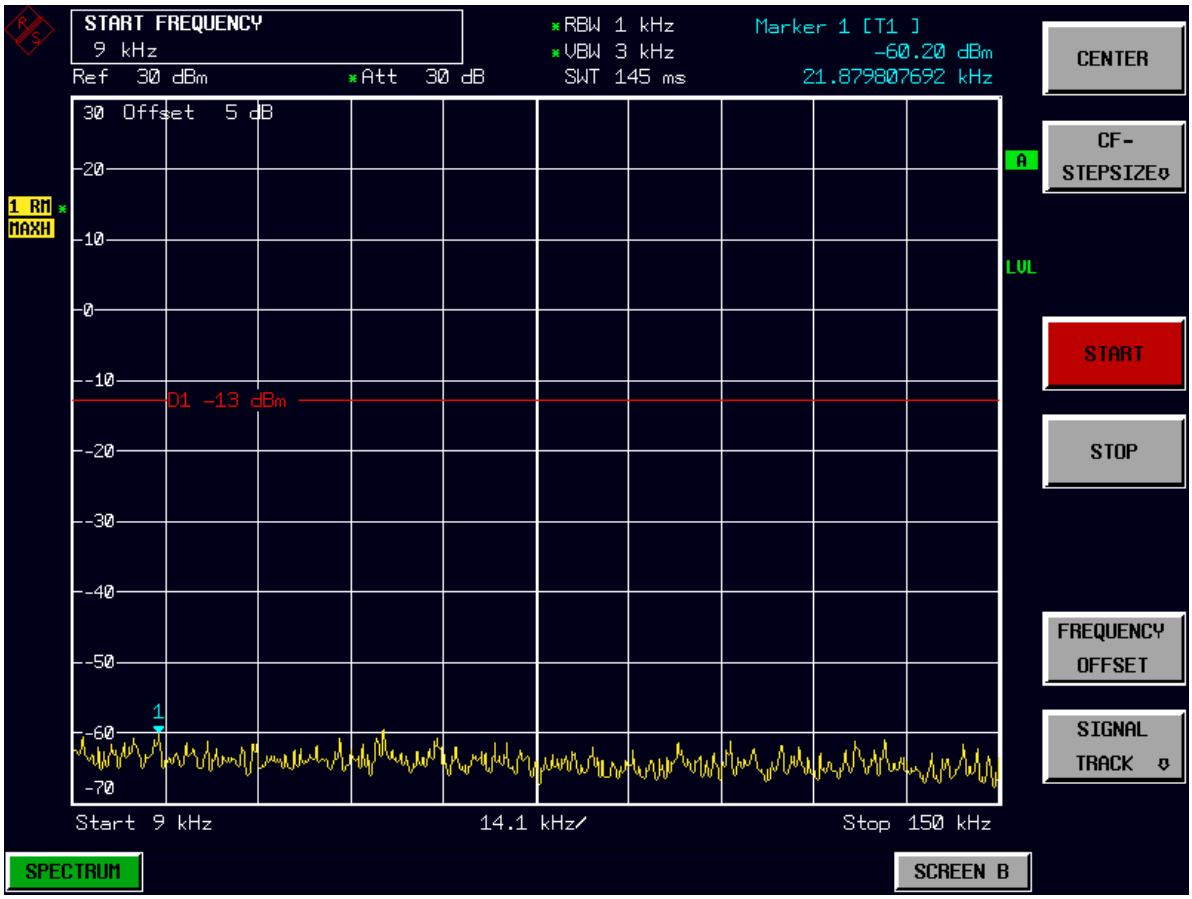
Channel 600

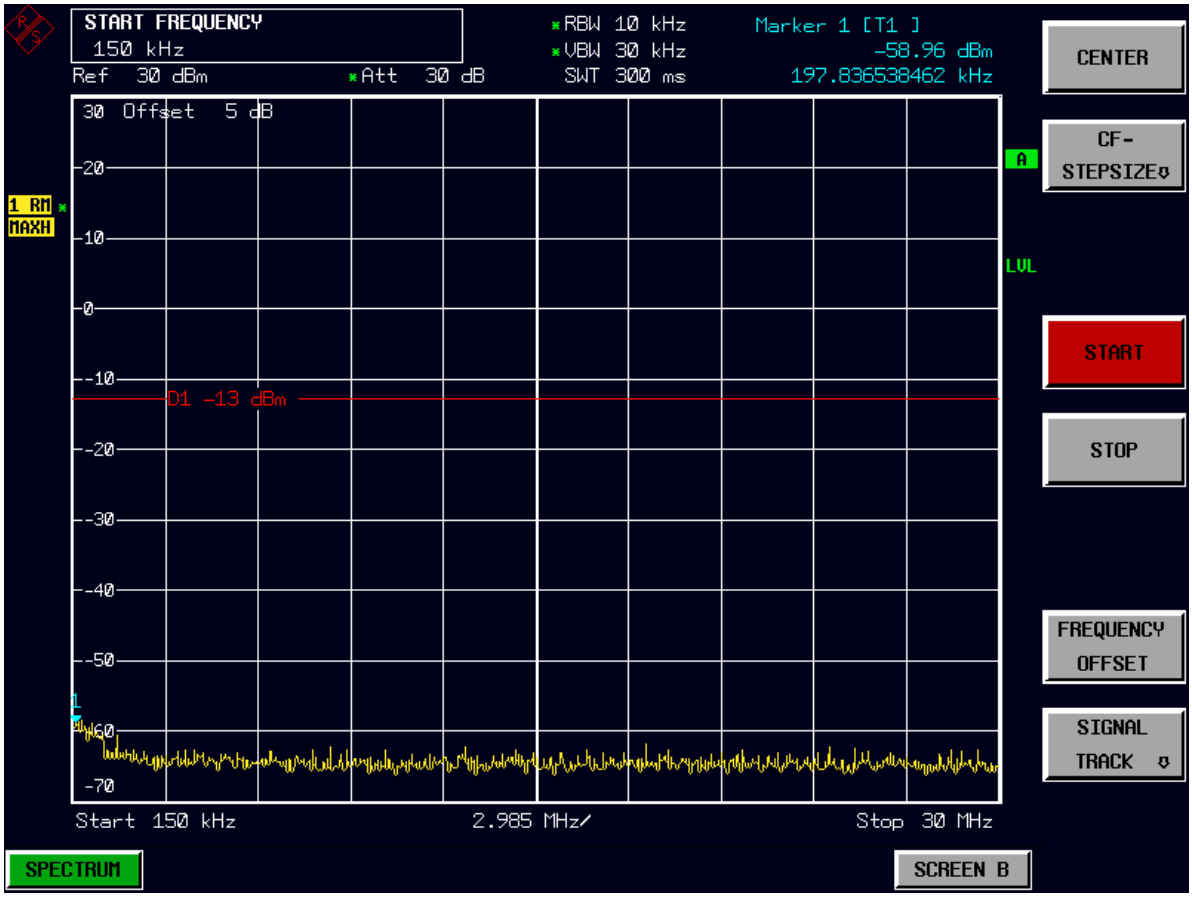

START FREQUENCY
9 kHz
RBW 1 kHz
VBW 3 kHz
SWT 145 ms
Marker 1 [T1]
-60.07 dBm
11.711538462 kHz
Ref 30 dBm
Att 30 dB
30 Offset 5 dB
D1 -13 dBm
Start 9 kHz
14.1 kHz/
Stop 150 kHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B

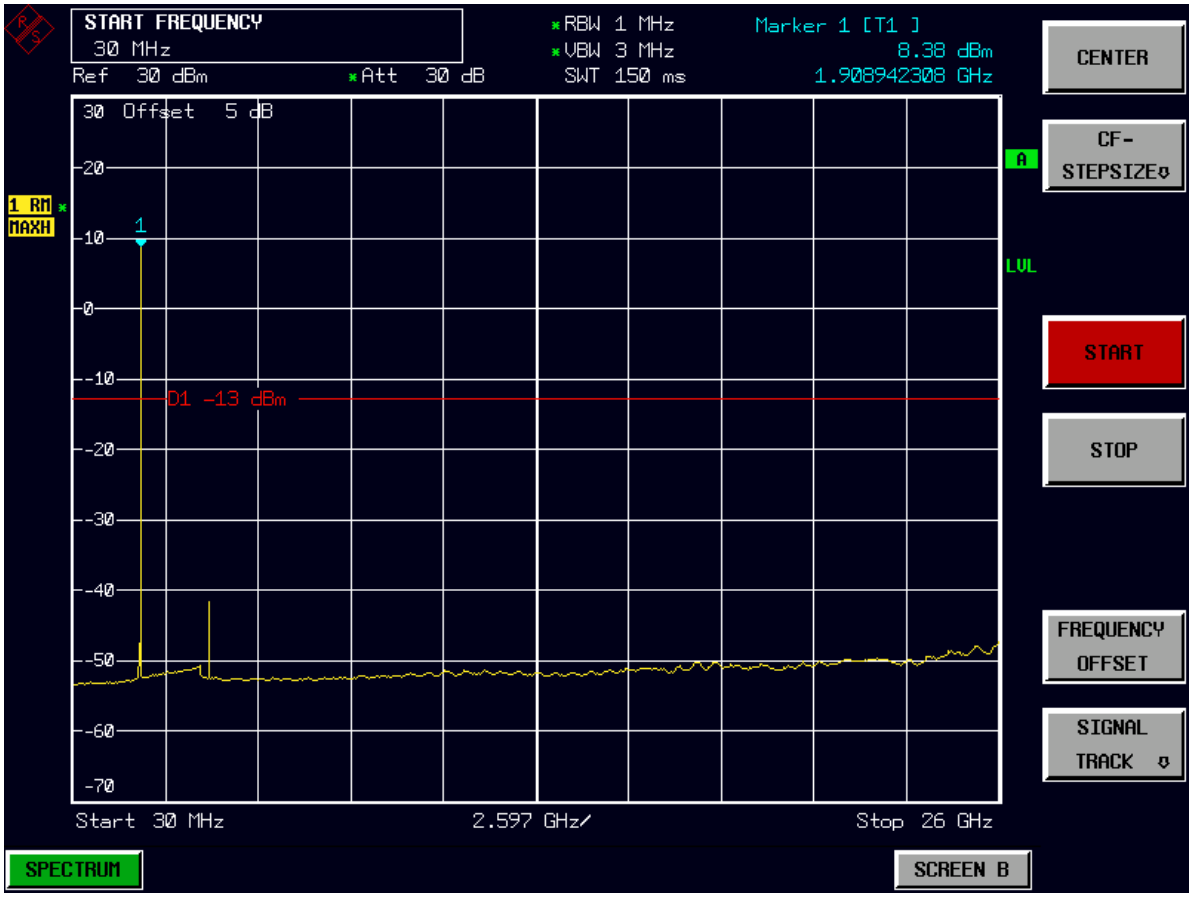

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.45 dBm
389.182692308 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.92 dBm
1.861217949 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Channel 1175

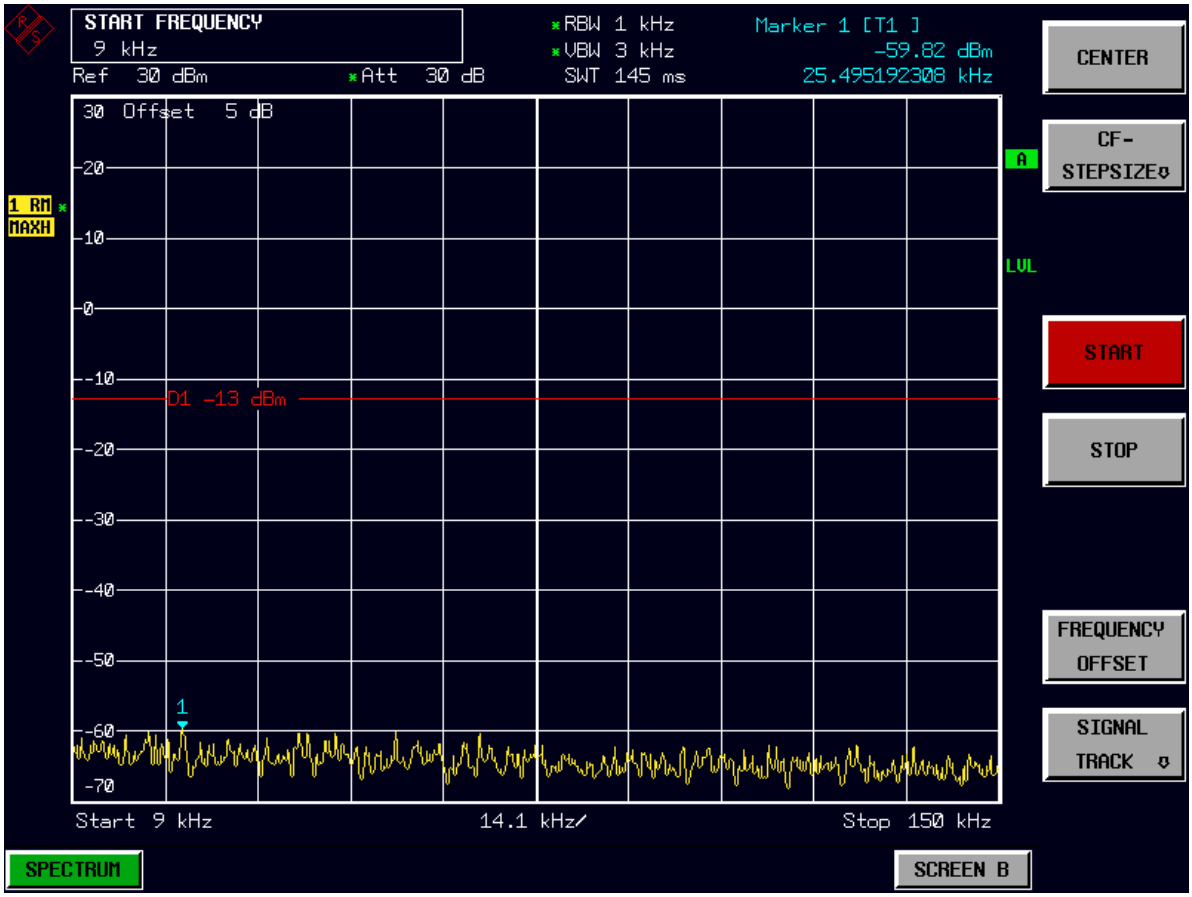


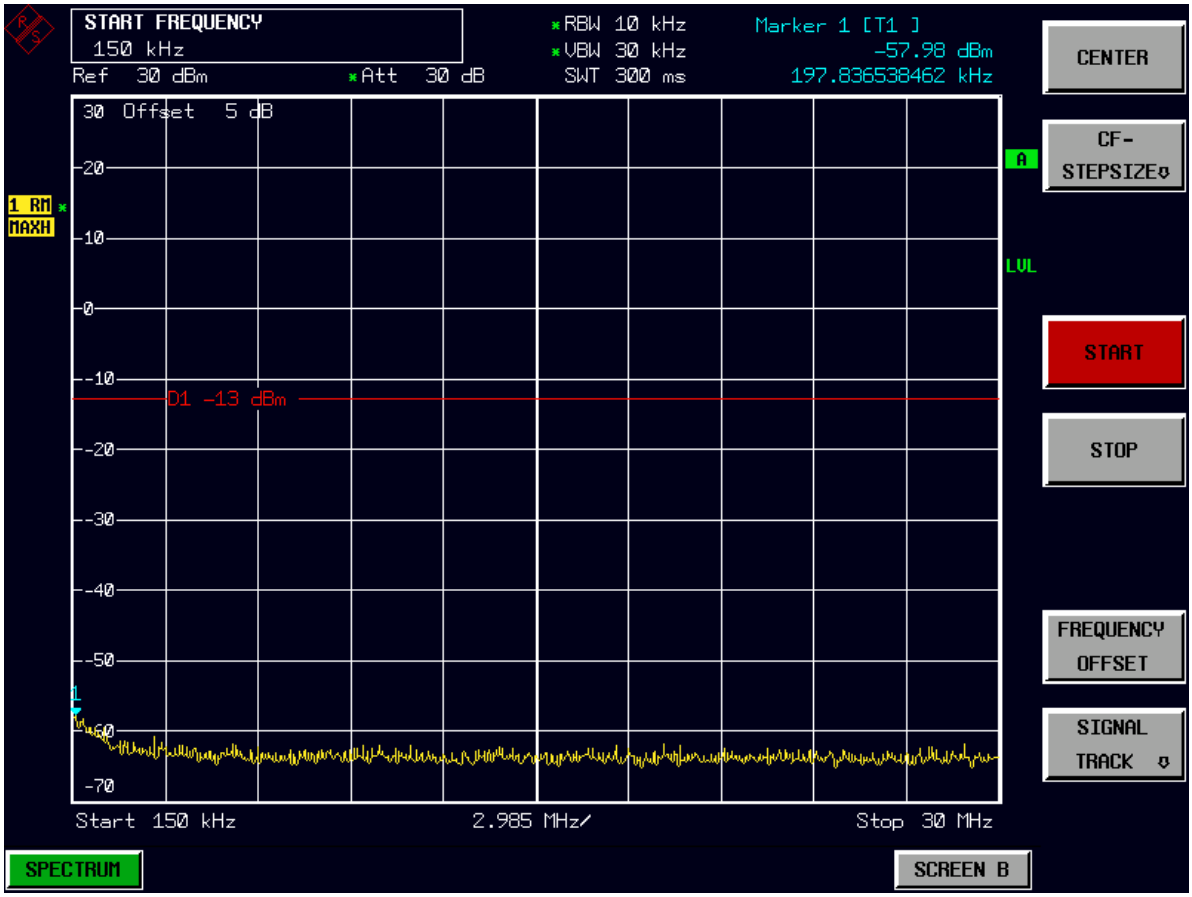

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.96 dBm
197.836538462 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B

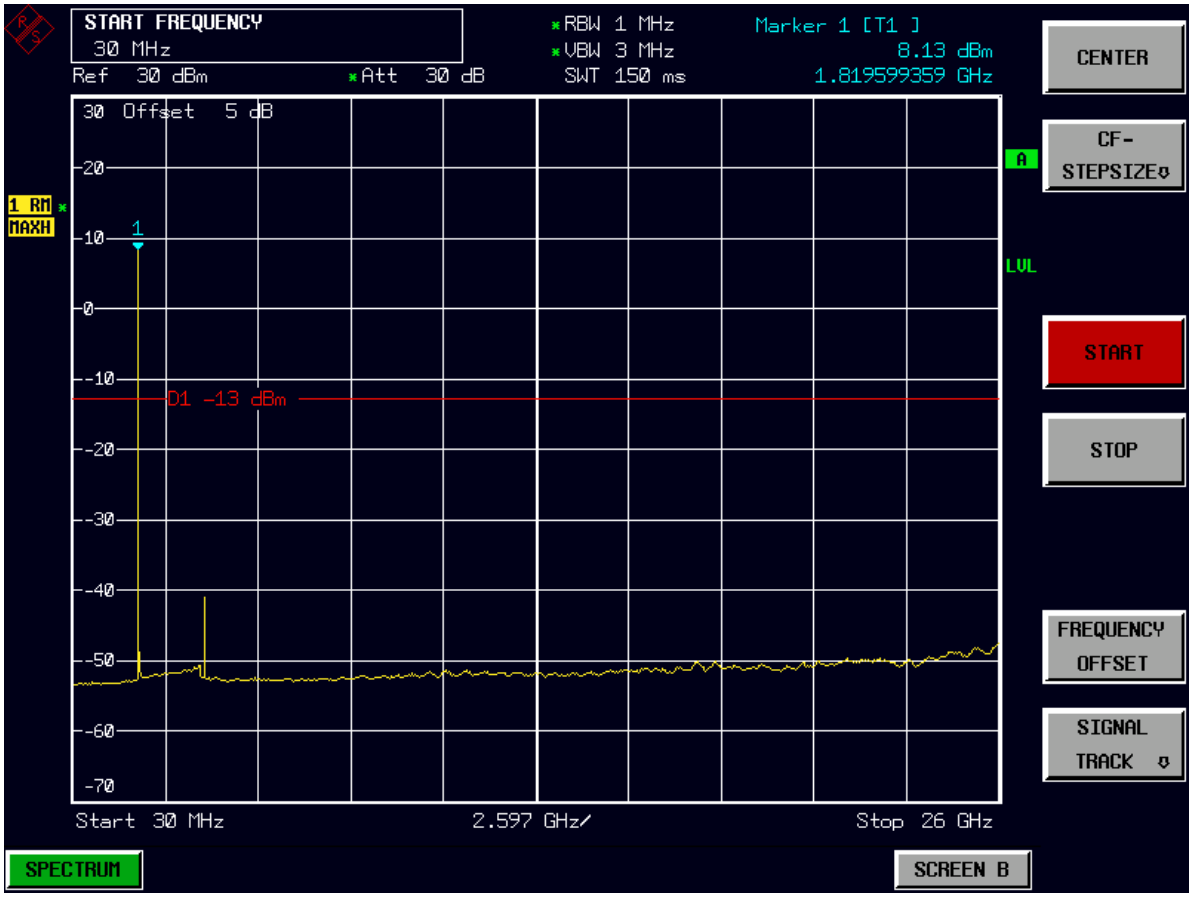

START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.38 dBm
1.908942308 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

TM3

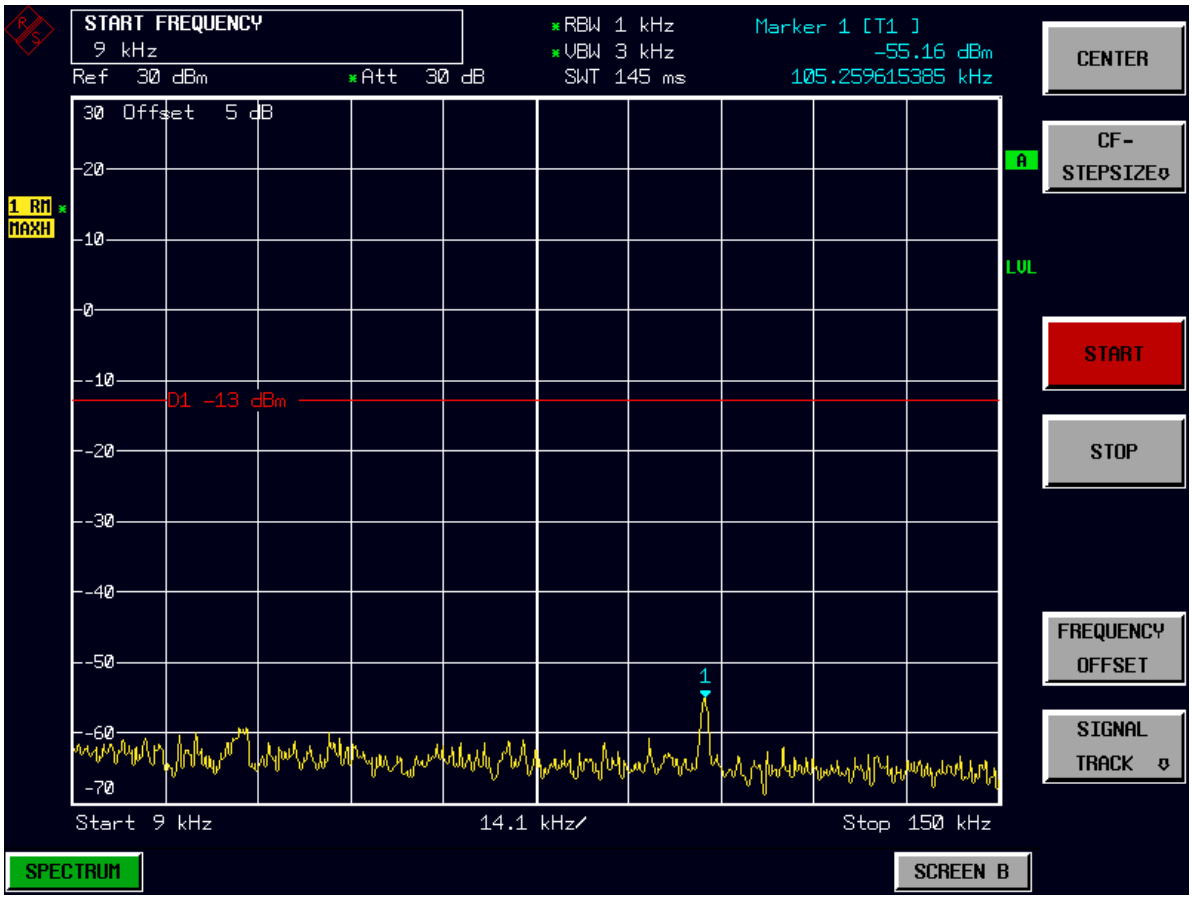
Channel 25

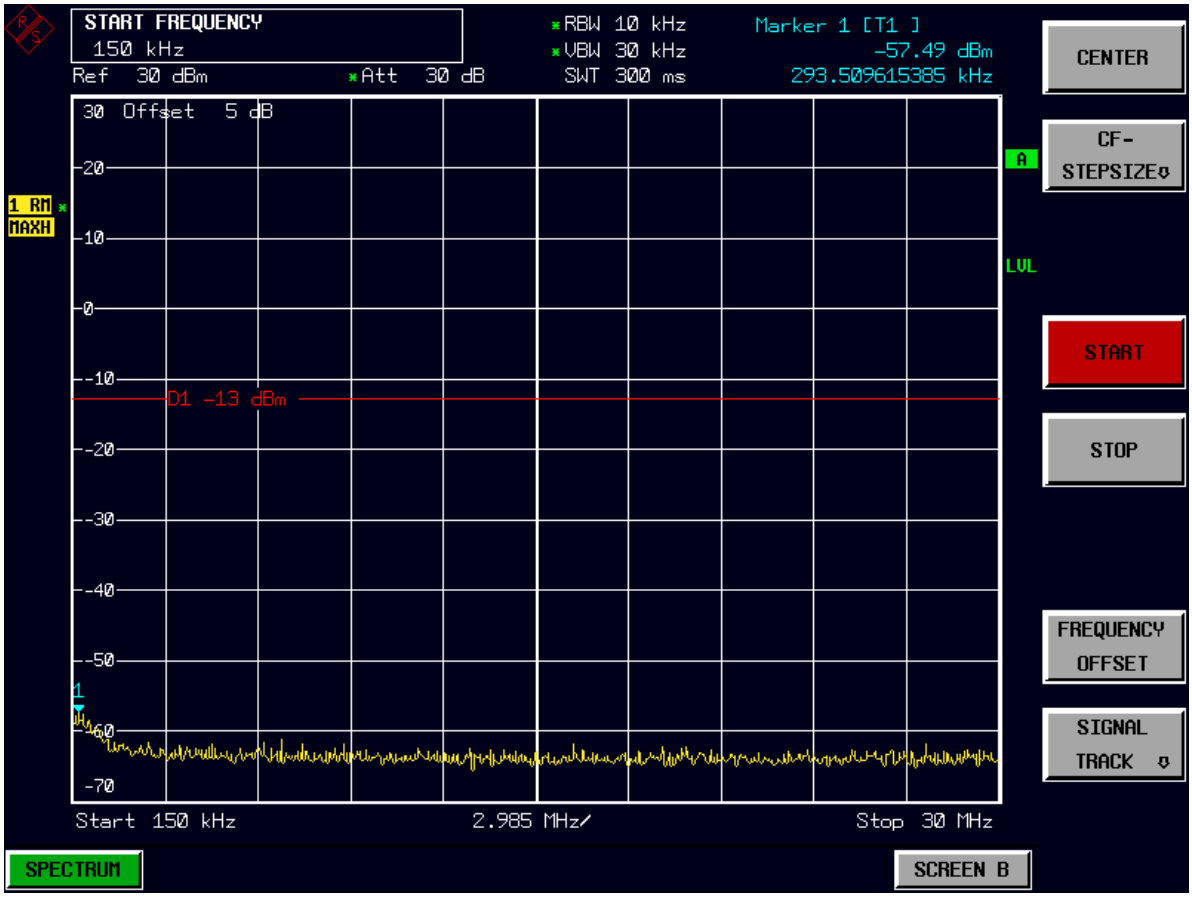


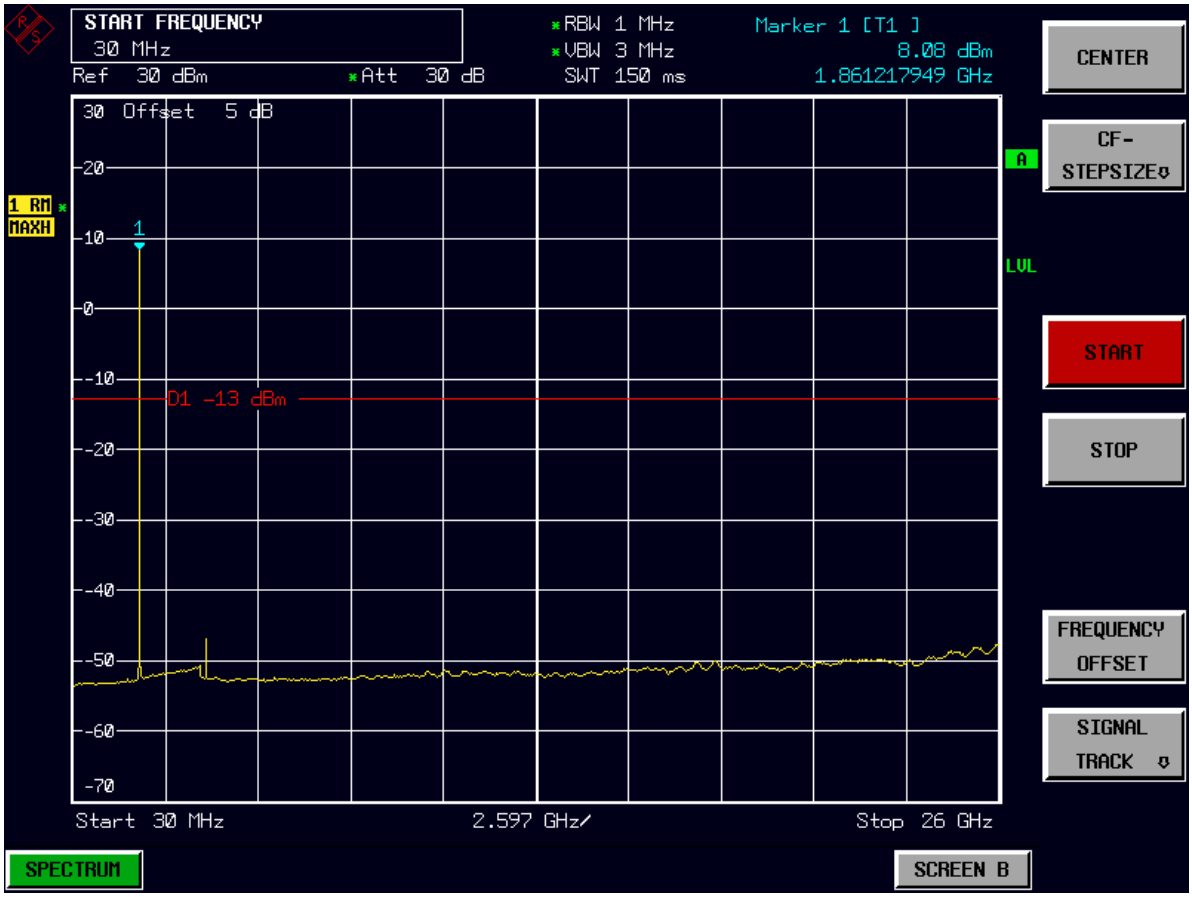

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-57.98 dBm
197.836538462 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.13 dBm
1.819599359 GHz
30 Offset 5 dB
1 RM
MAXH
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

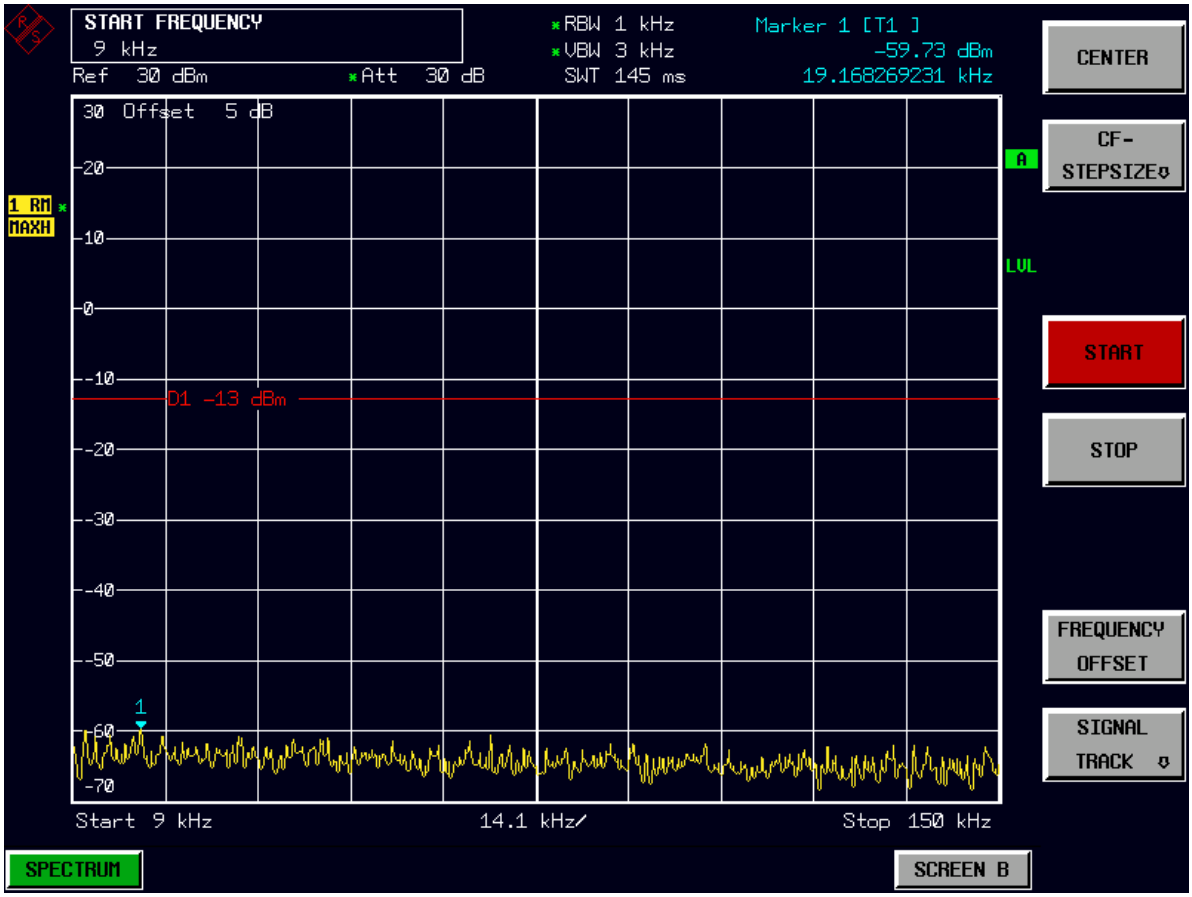
Channel 600

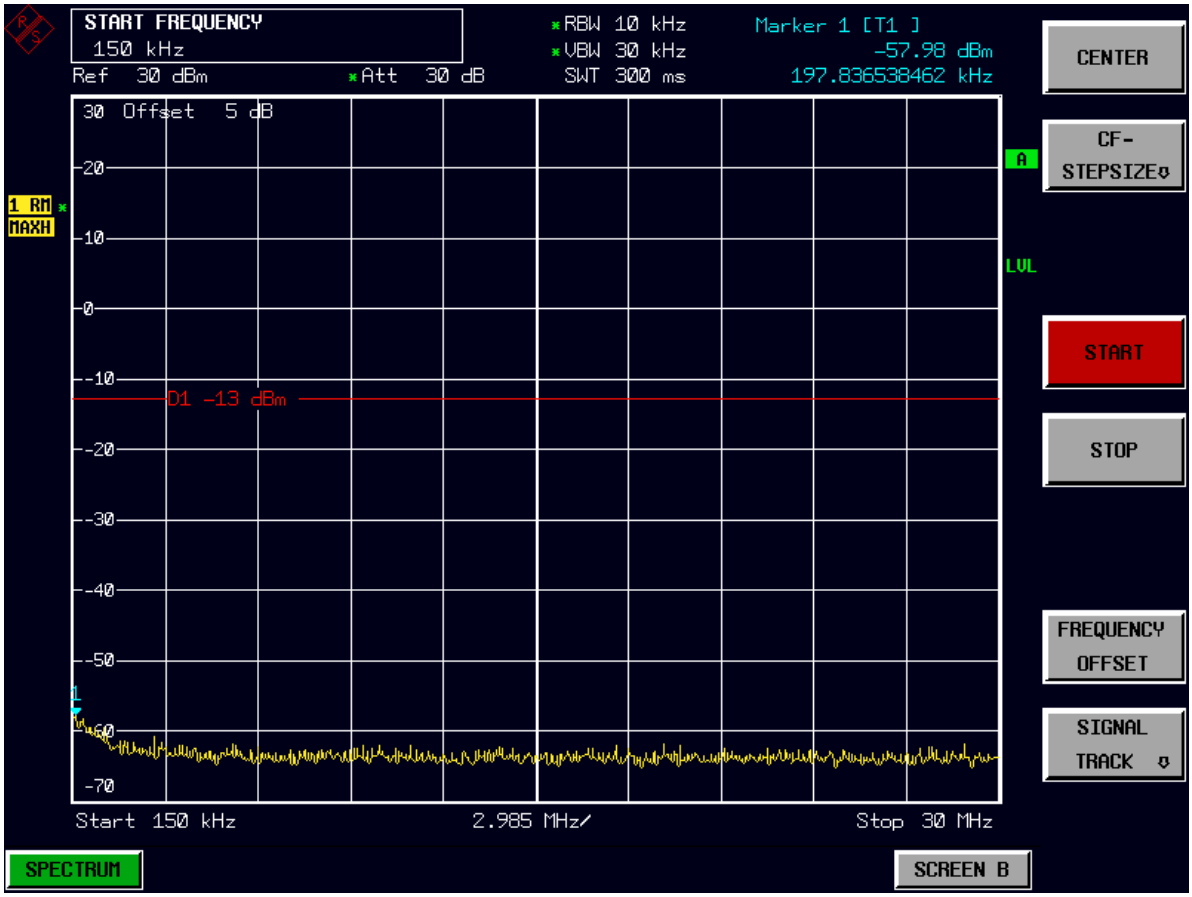

START FREQUENCY
9 kHz
RBW 1 kHz
VBW 3 kHz
SWT 145 ms
Marker 1 [T1]
-55.16 dBm
105.259615385 kHz
Ref 30 dBm
Att 30 dB
30 Offset 5 dB
1 RM
MAXH
D1 -13 dBm
Start 9 kHz
14.1 kHz/
Stop 150 kHz
CENTER
CF-
STEPSIZE
A
LVL
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

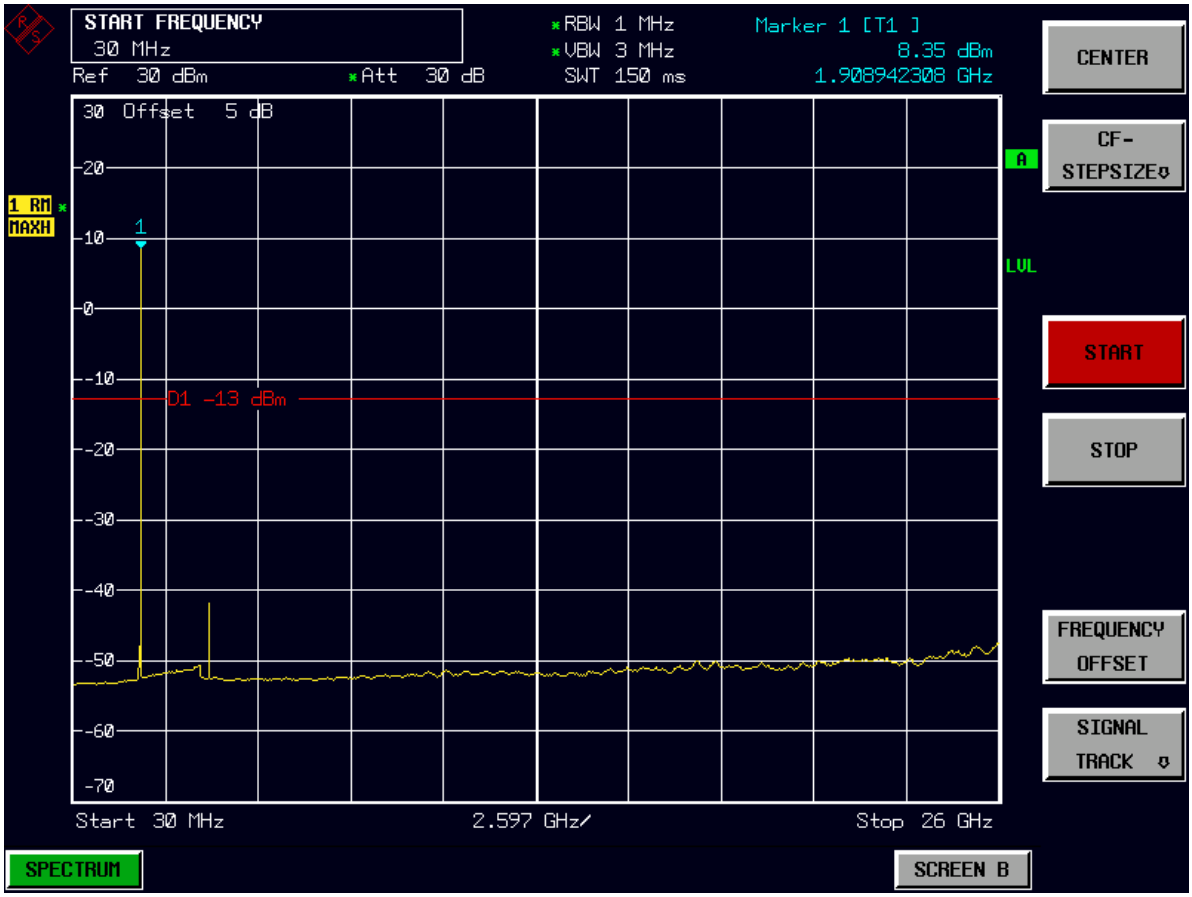

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-57.49 dBm
293.509615385 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.08 dBm
1.861217949 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Channel 1175

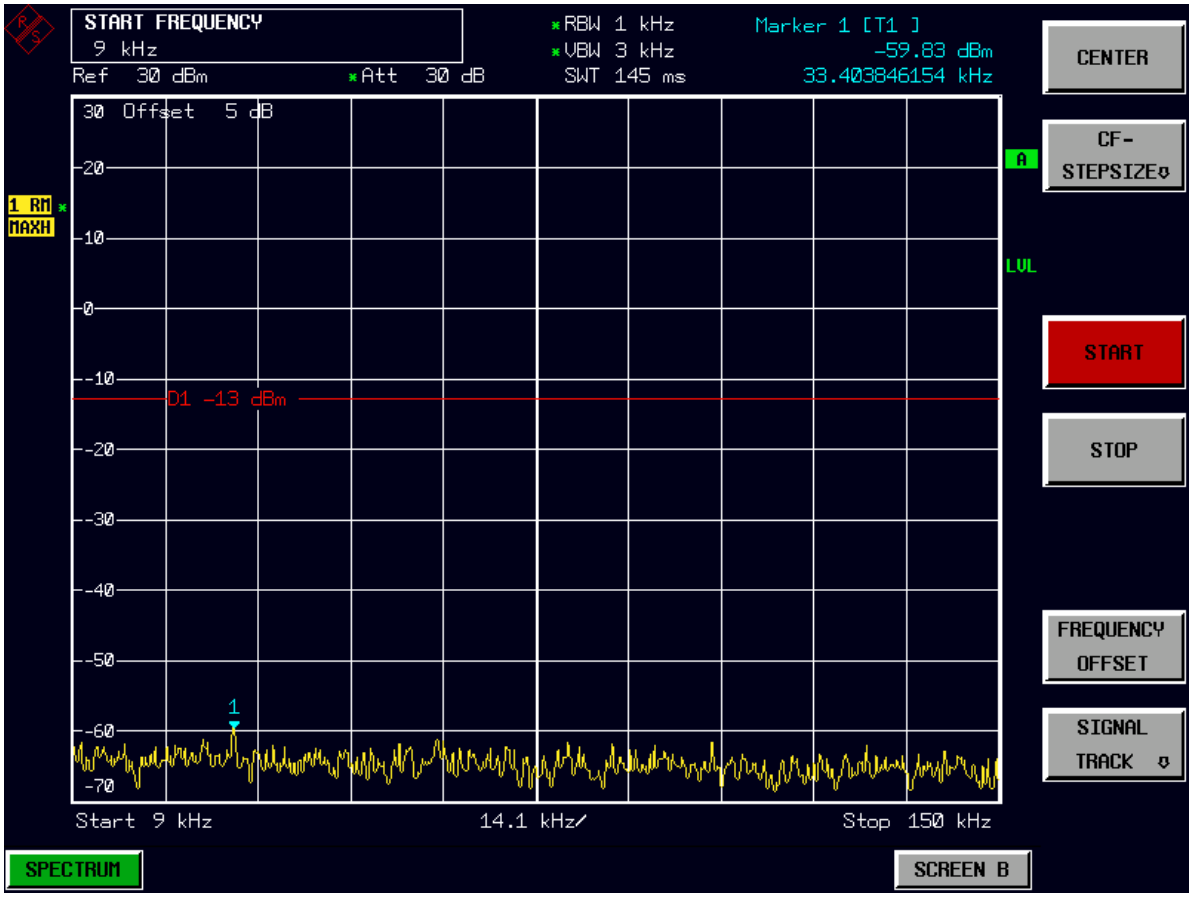


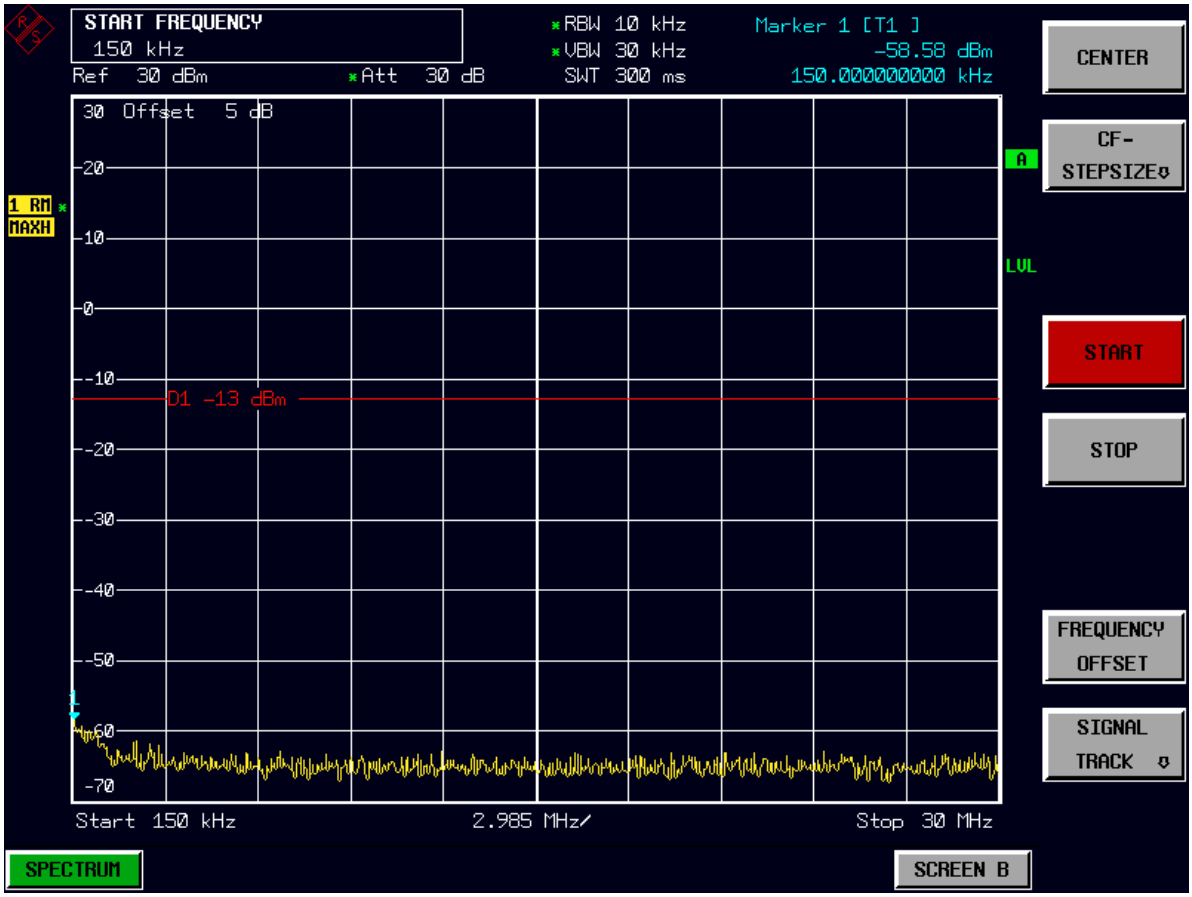

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-57.98 dBm
197.836538462 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
1 RM
MAXH
A
LVL
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

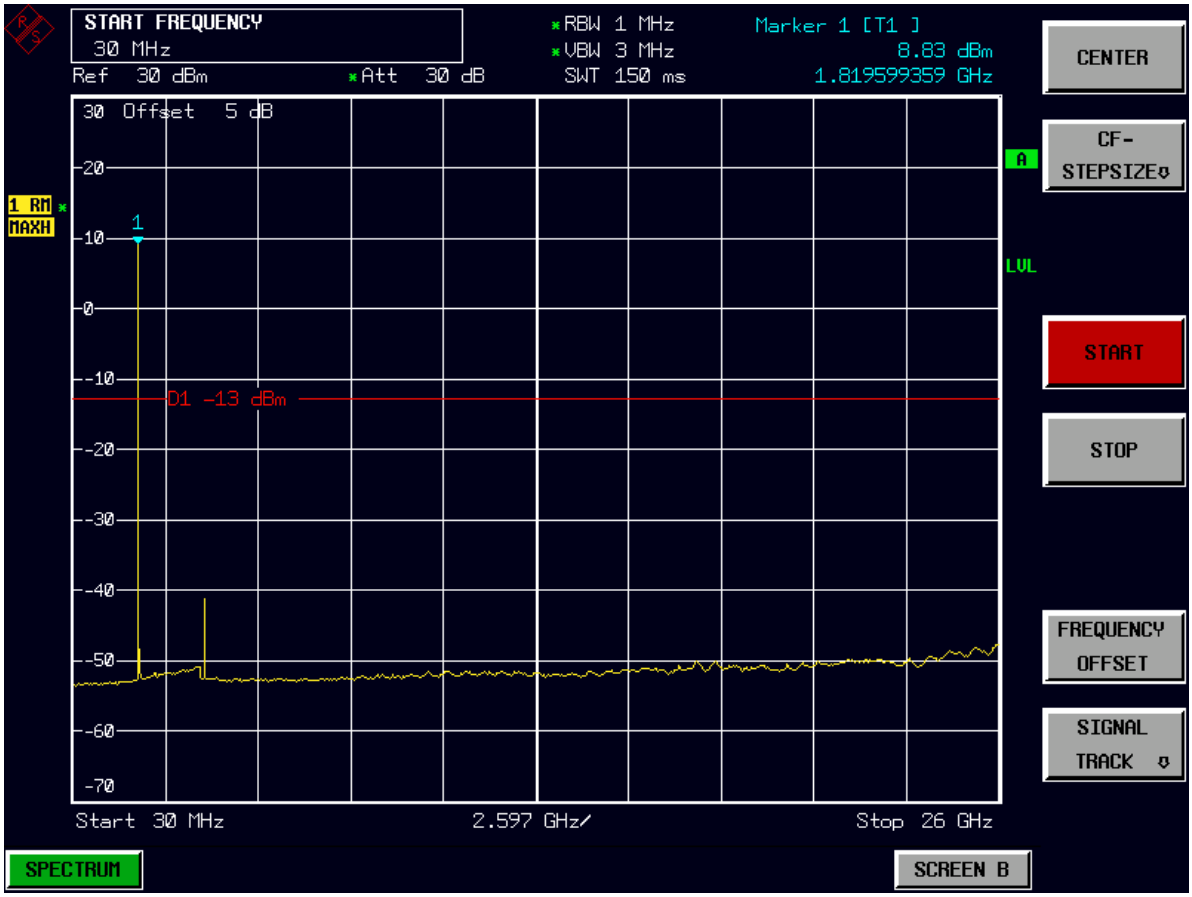

START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.35 dBm
1.908942308 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
1 RM
MAXH
A
LVL
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

EVDO subtype 0

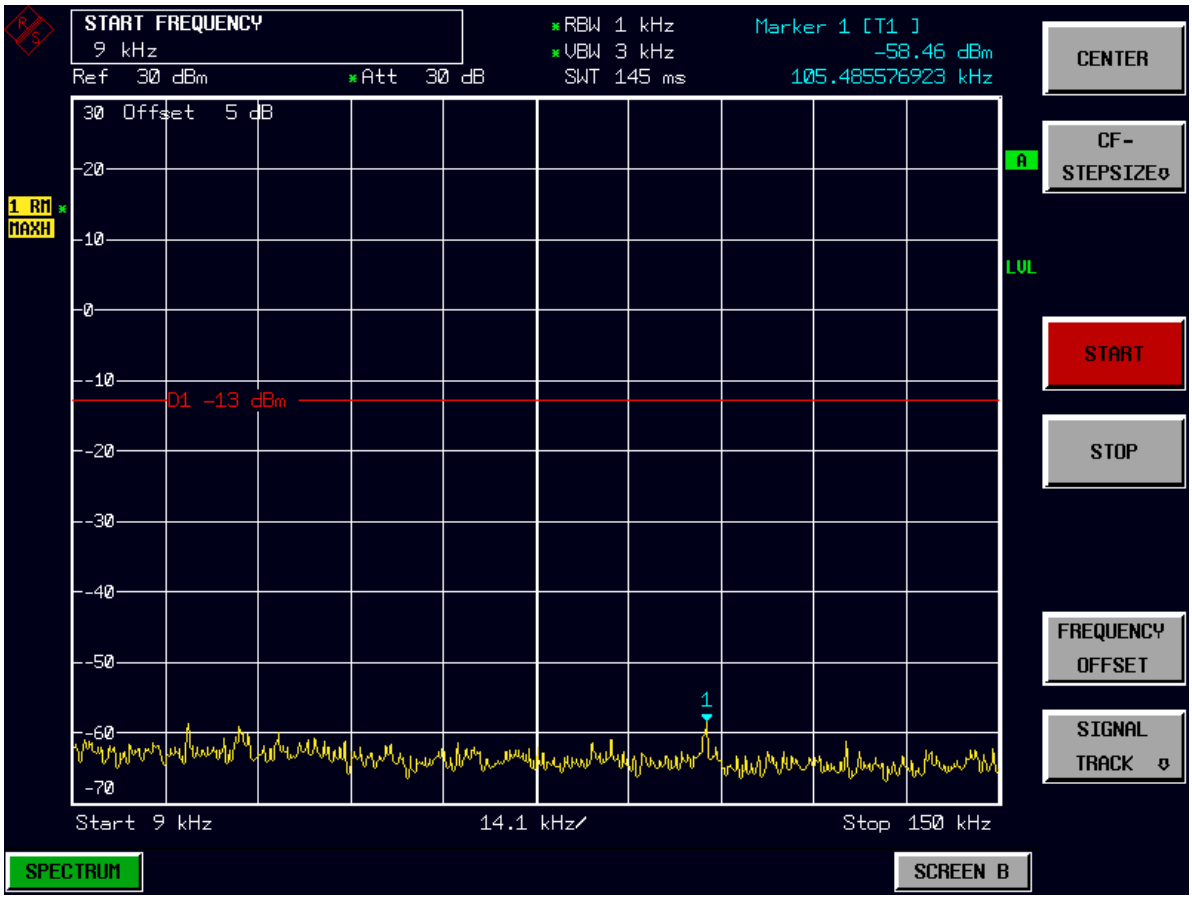
Channel 25

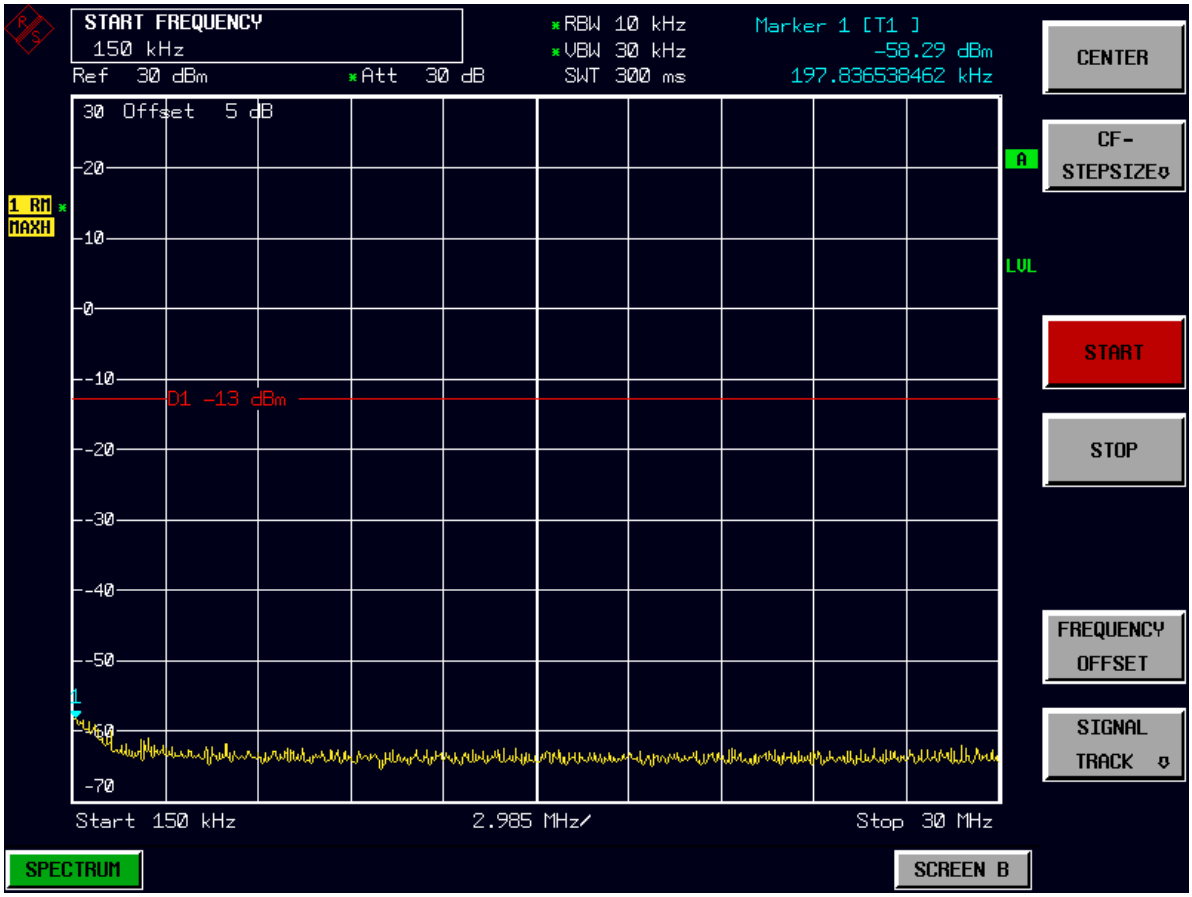


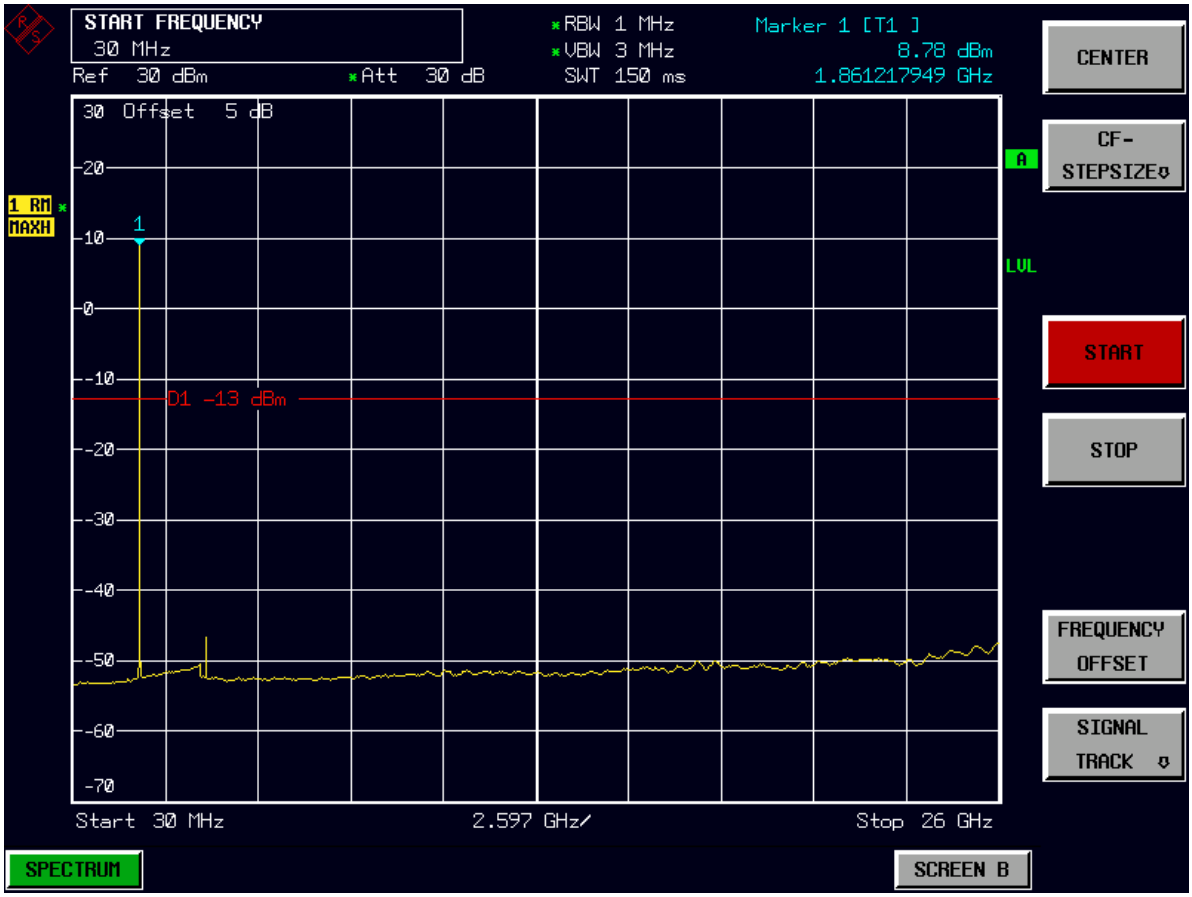

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.58 dBm
150.000000000 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.83 dBm
1.819599359 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

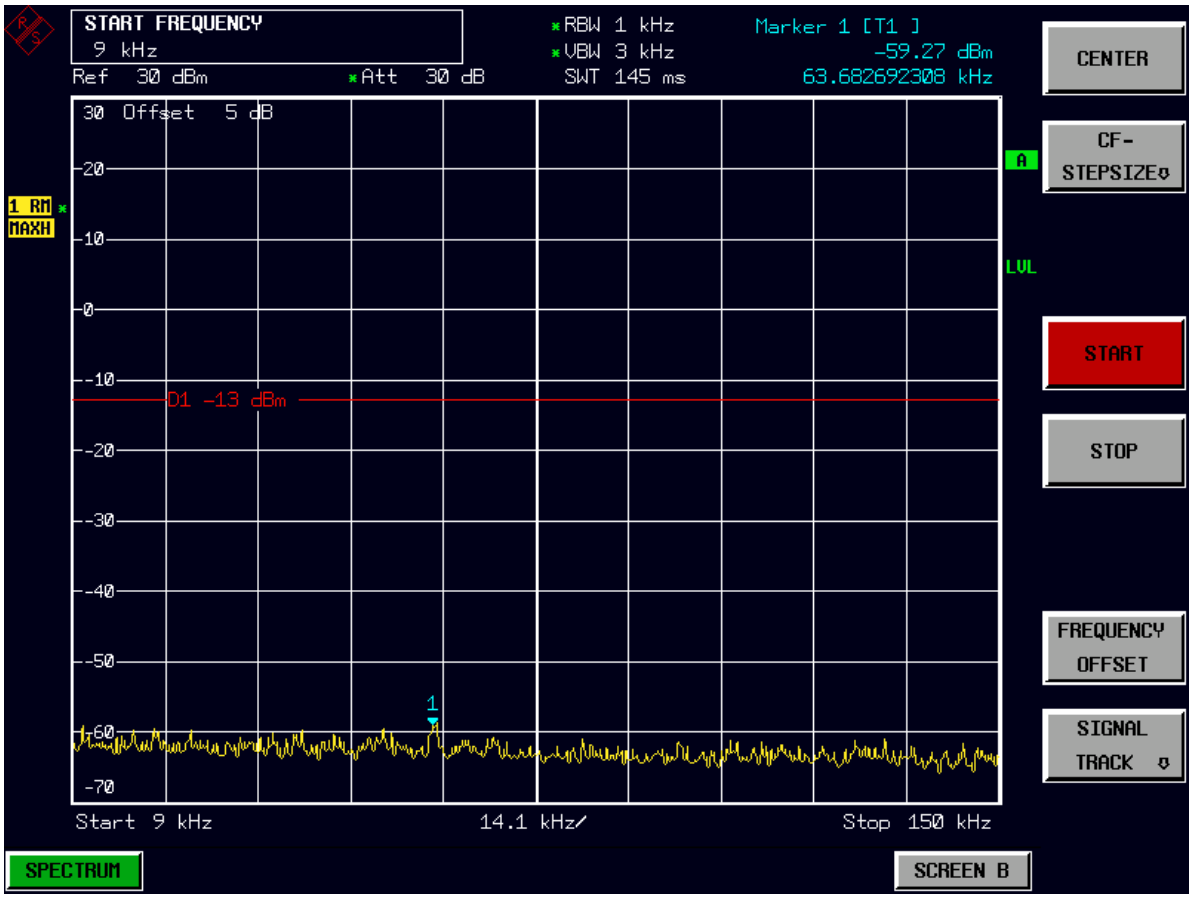
Channel 600

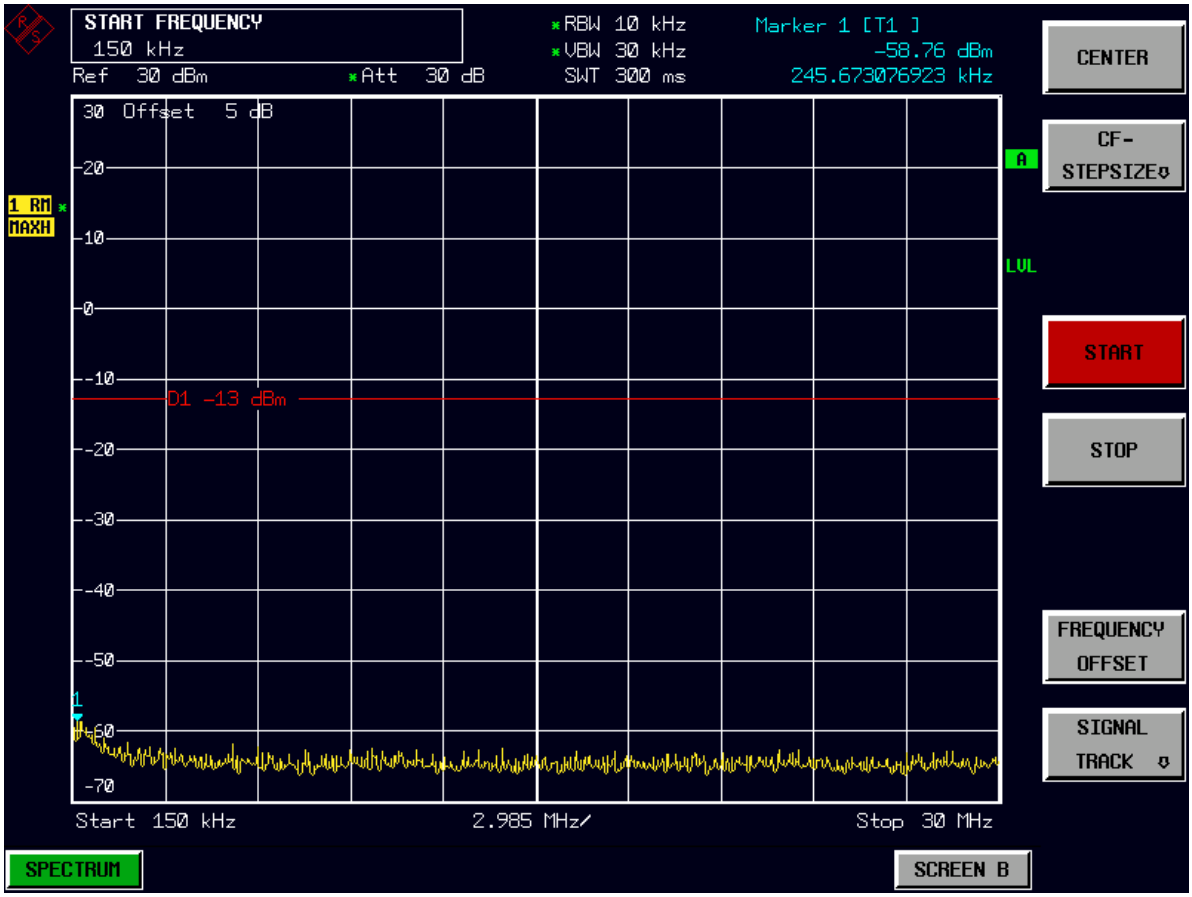

START FREQUENCY
9 kHz
Ref 30 dBm
Att 30 dB
RBW 1 kHz
VBW 3 kHz
SWT 145 ms
Marker 1 [T1]
-58.46 dBm
105.485576923 kHz
30 Offset 5 dB
1 RM
MAXH
D1 -13 dBm
Start 9 kHz
14.1 kHz/
Stop 150 kHz
CENTER
CF-
STEPSIZE
A
LVL
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

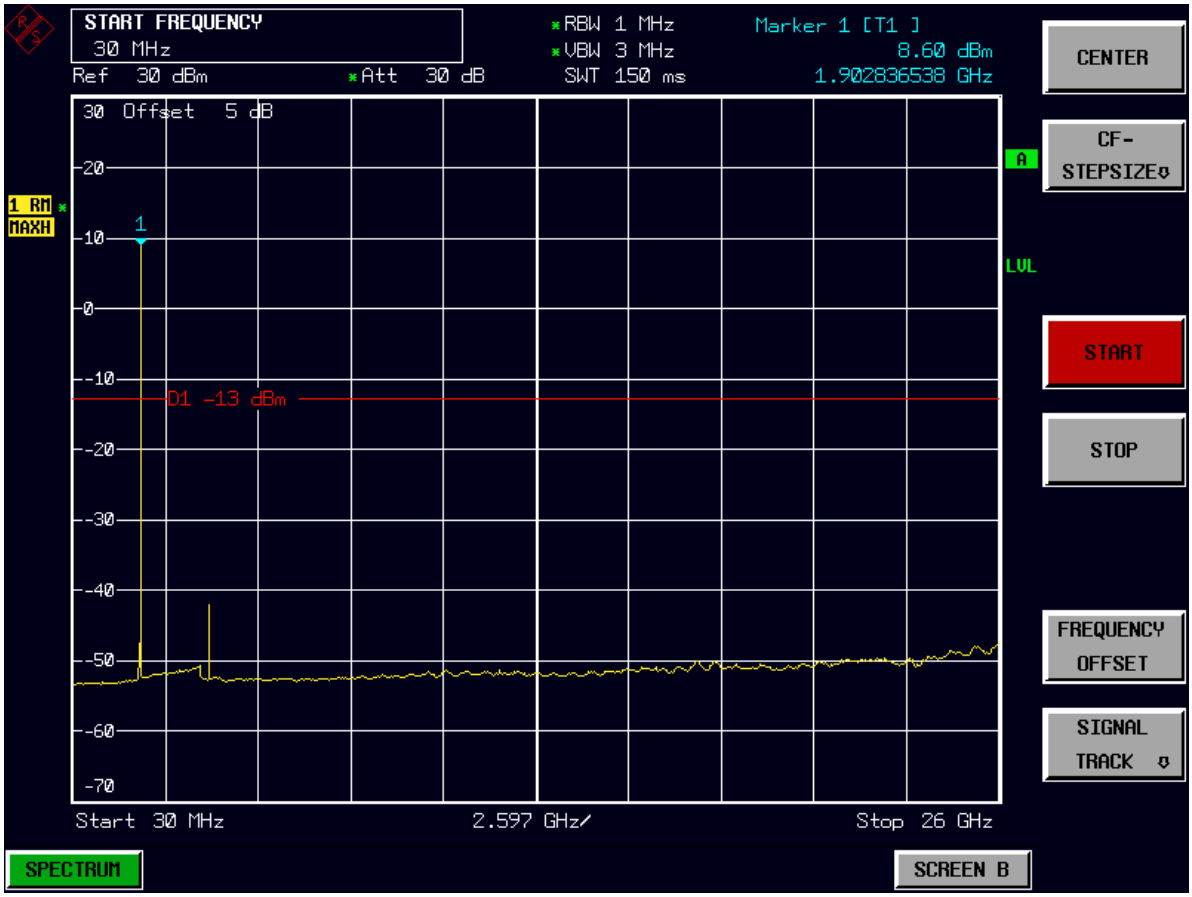

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.29 dBm
197.836538462 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.78 dBm
1.861217949 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Channel 1175



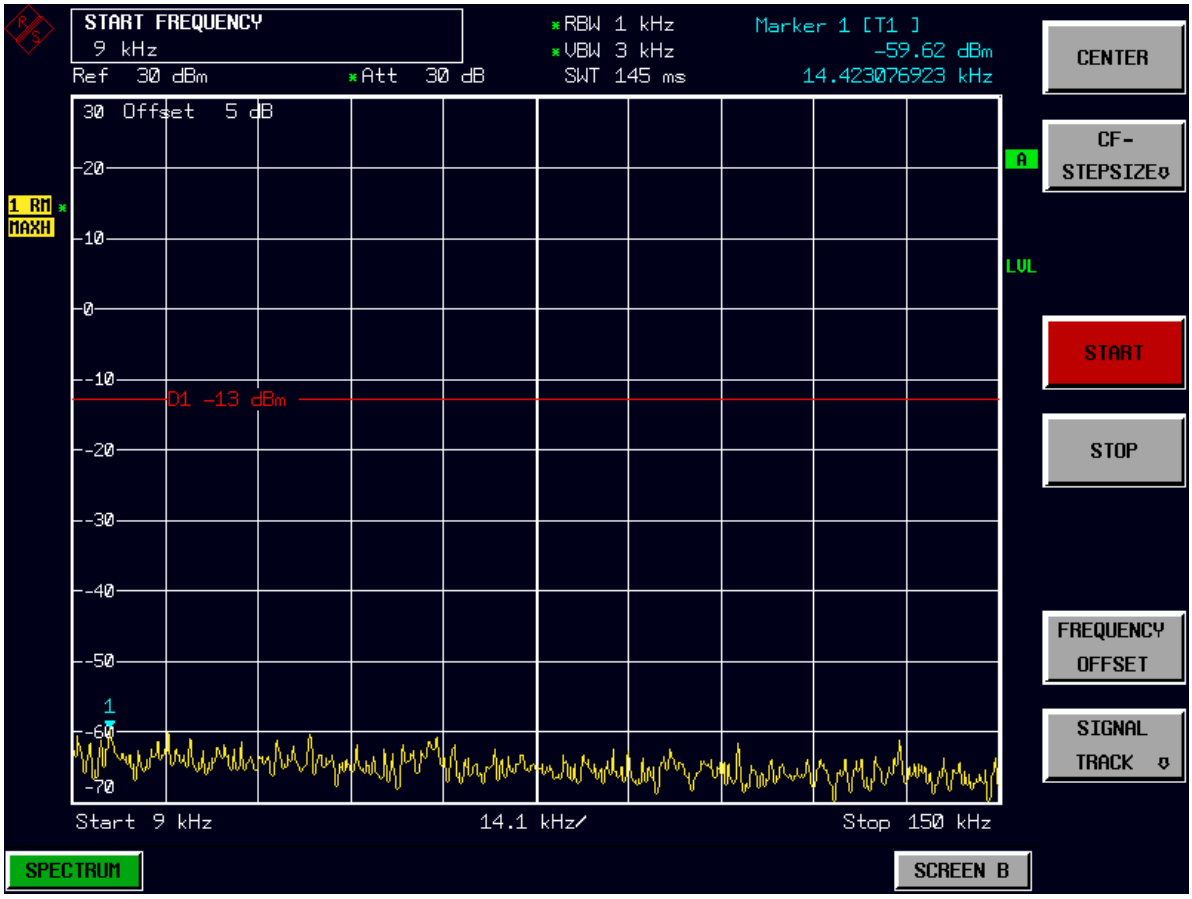

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.76 dBm
245.673076923 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

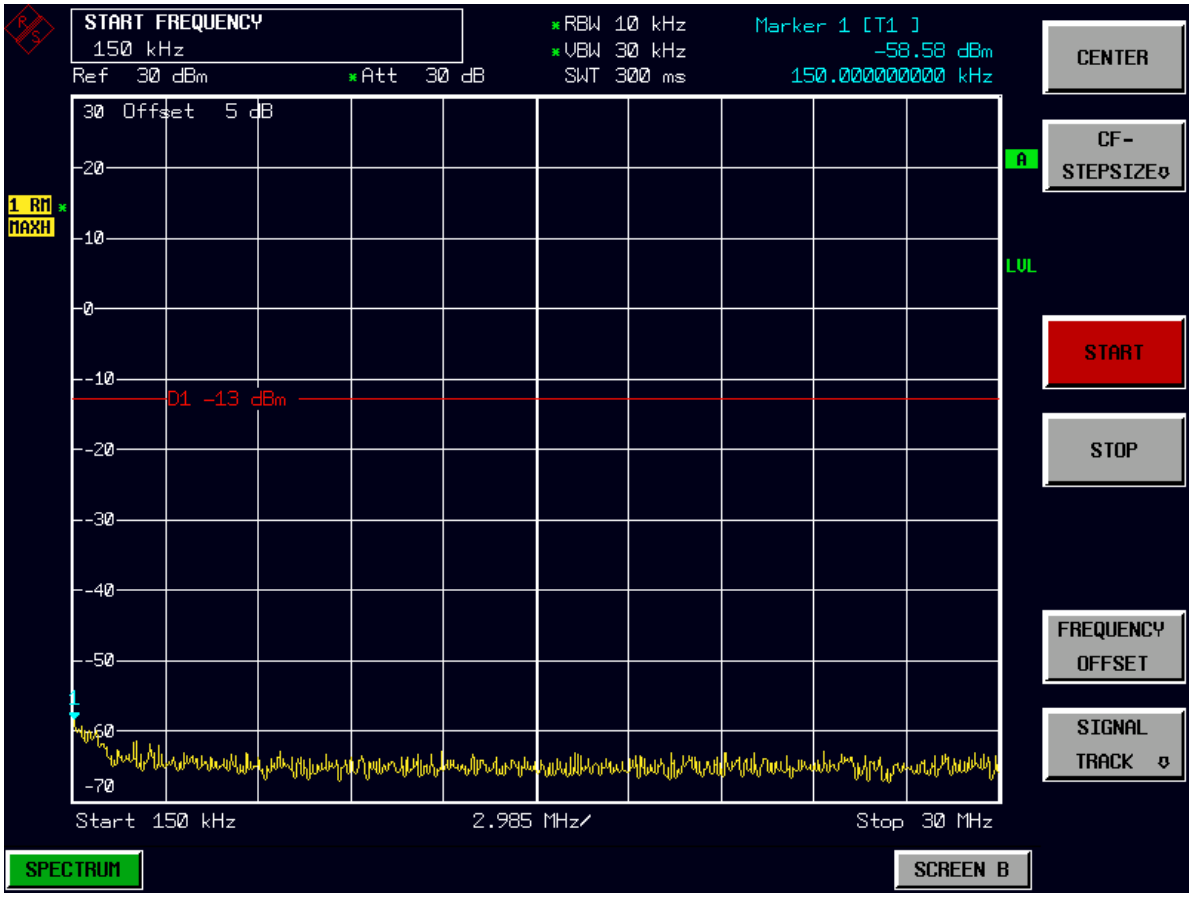

START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.60 dBm
1.902836538 GHz
30 Offset 5 dB
1 RM
MAXH
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
A
LVL
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

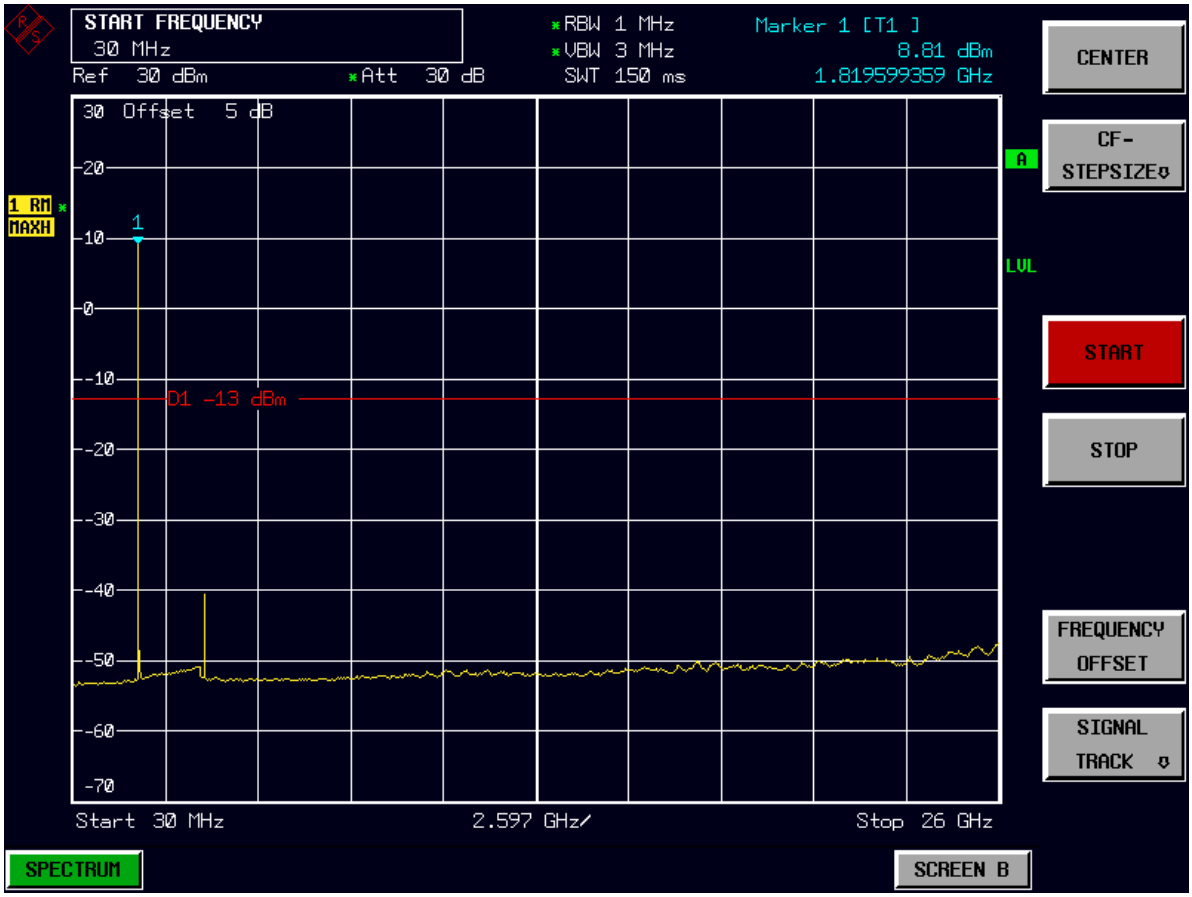
EVDO subtype 2

Modulation：BPSK

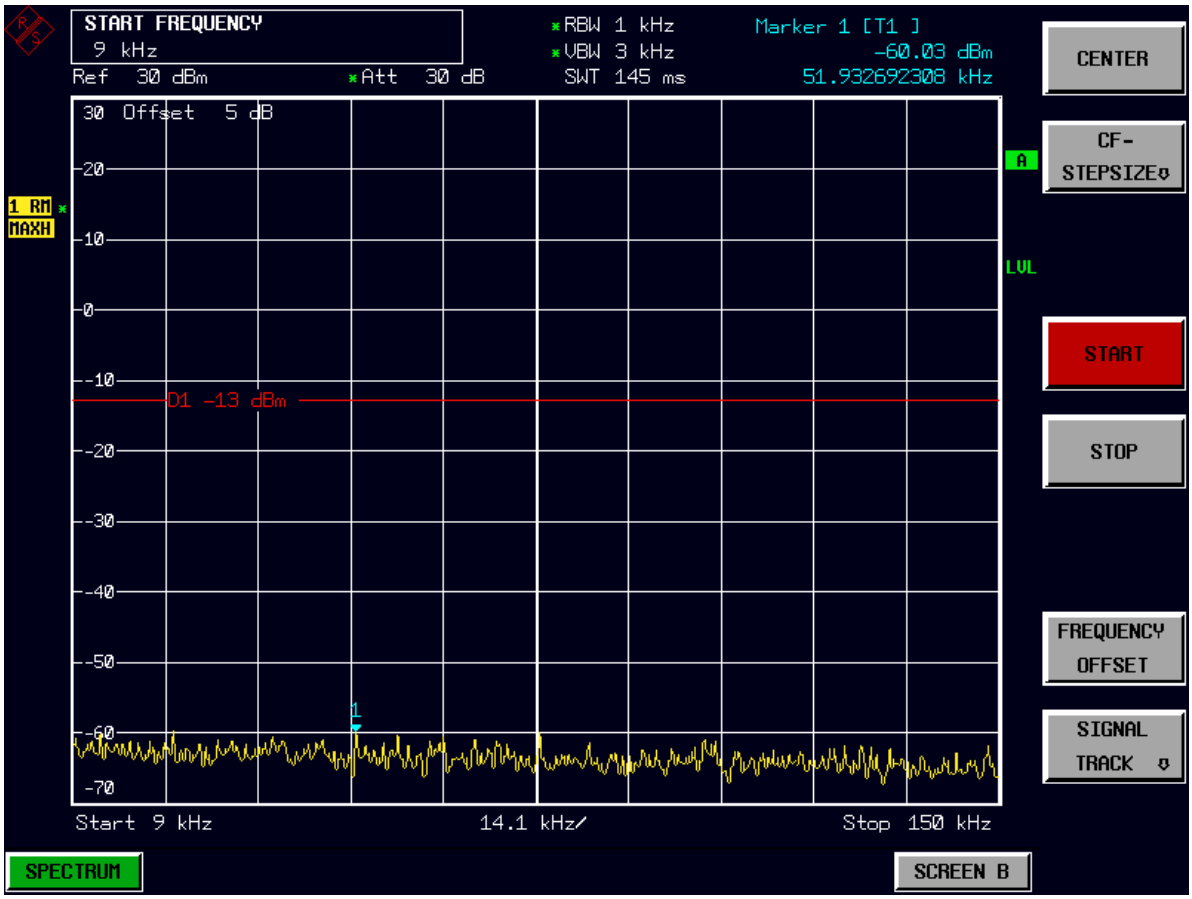
Channel 25

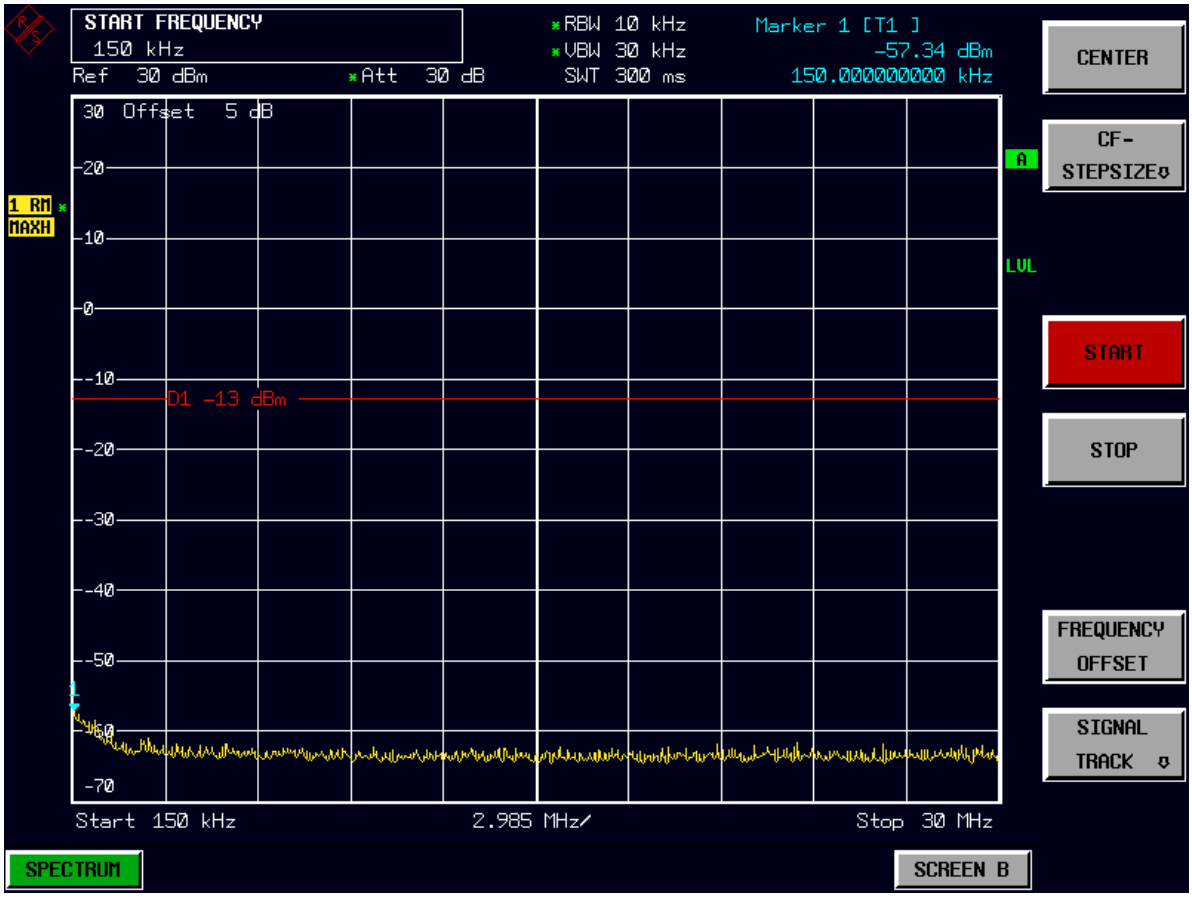


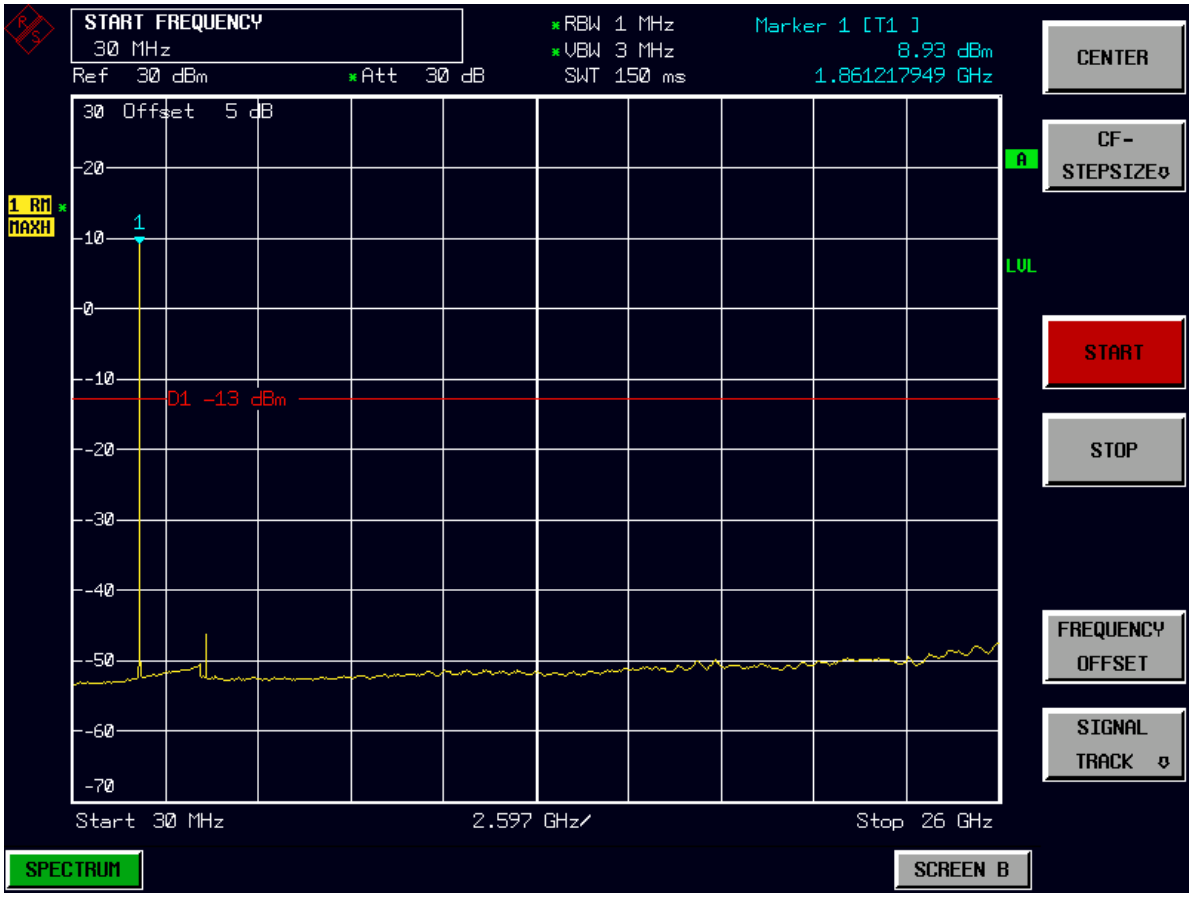

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.58 dBm
150.000000000 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
1 RM
MAXH
A
LVL
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.81 dBm
1.819599359 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

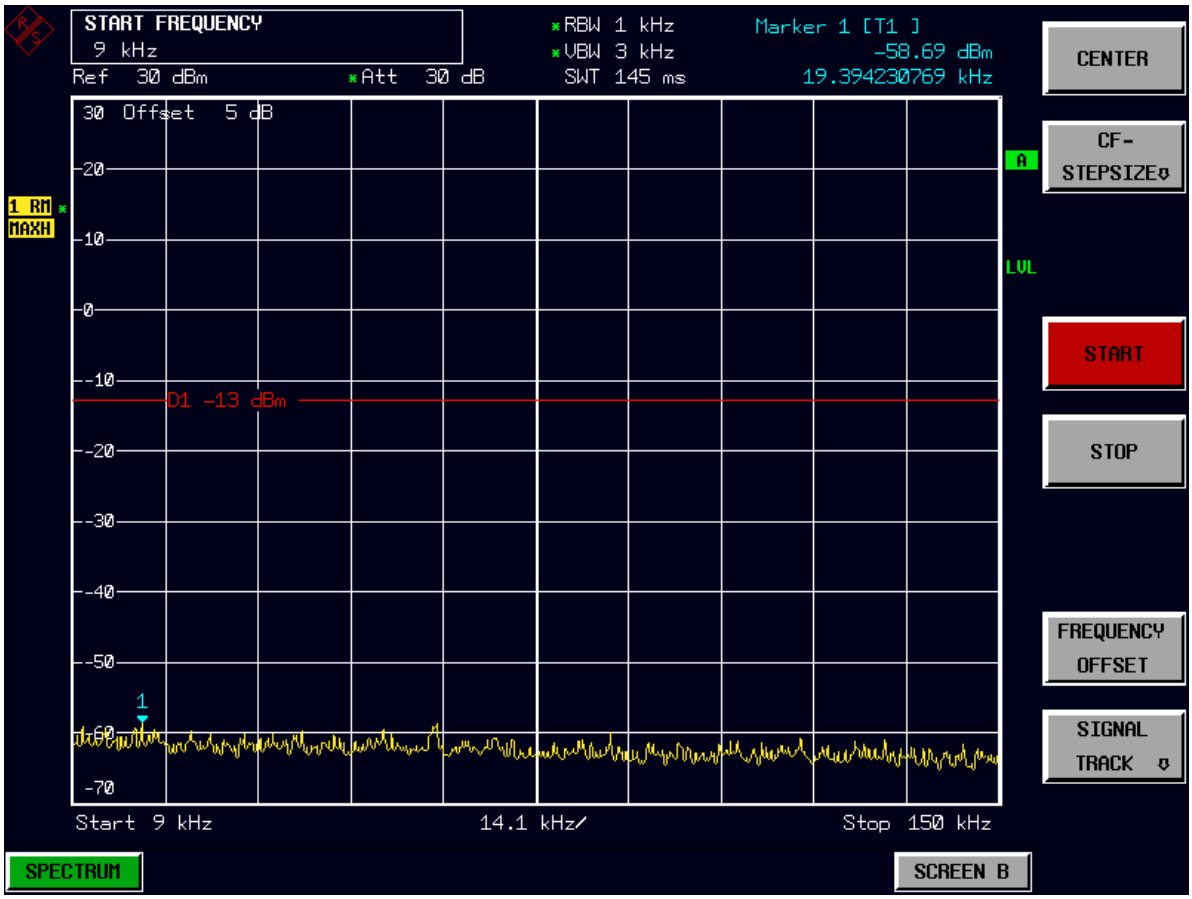
Channel 600

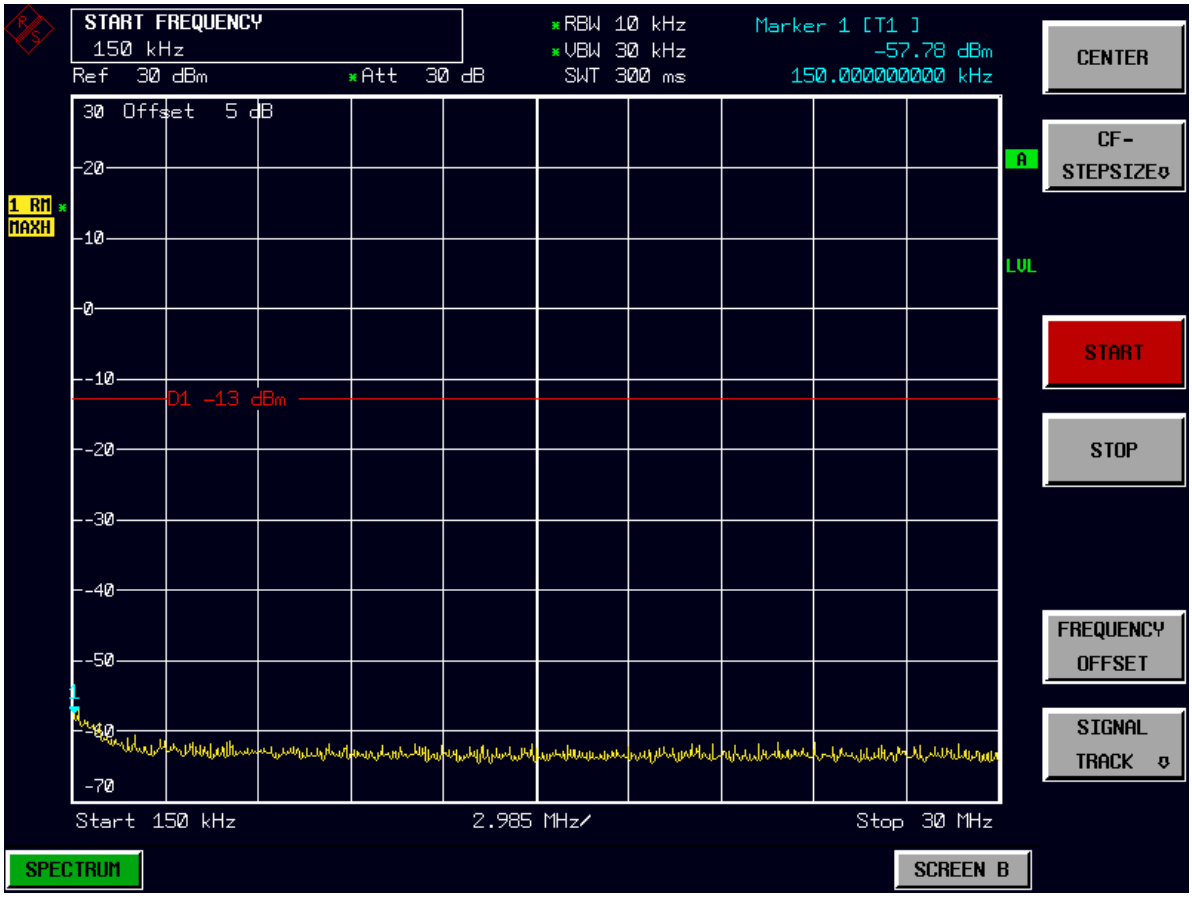

START FREQUENCY
9 kHz
Ref 30 dBm
Att 30 dB
RBW 1 kHz
VBW 3 kHz
SWT 145 ms
Marker 1 [T1]
-60.03 dBm
51.932692308 kHz
30 Offset 5 dB
D1 -13 dBm
Start 9 kHz
14.1 kHz/
Stop 150 kHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B

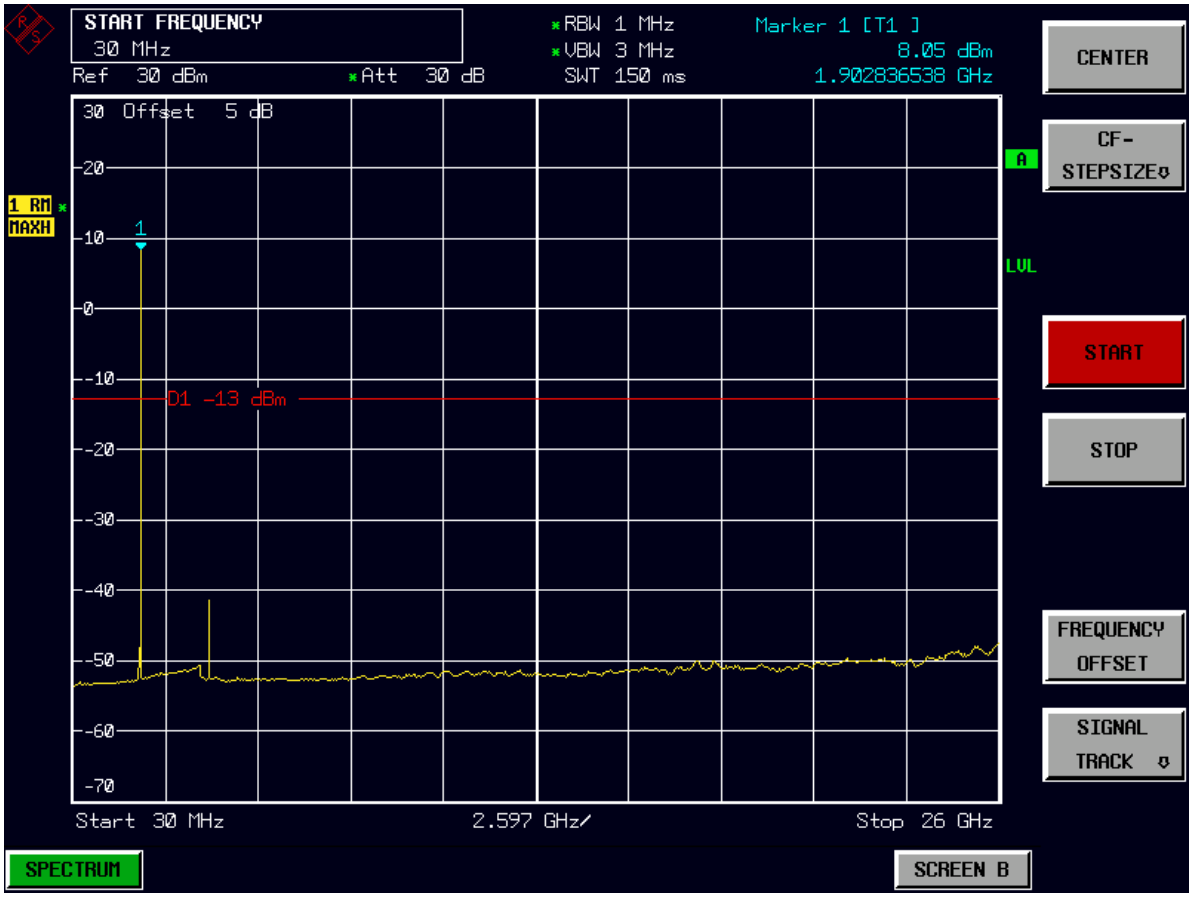

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-57.34 dBm
150.000000000 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
1 RM
MAXH
A
LVL
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.93 dBm
1.861217949 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Channel 1175

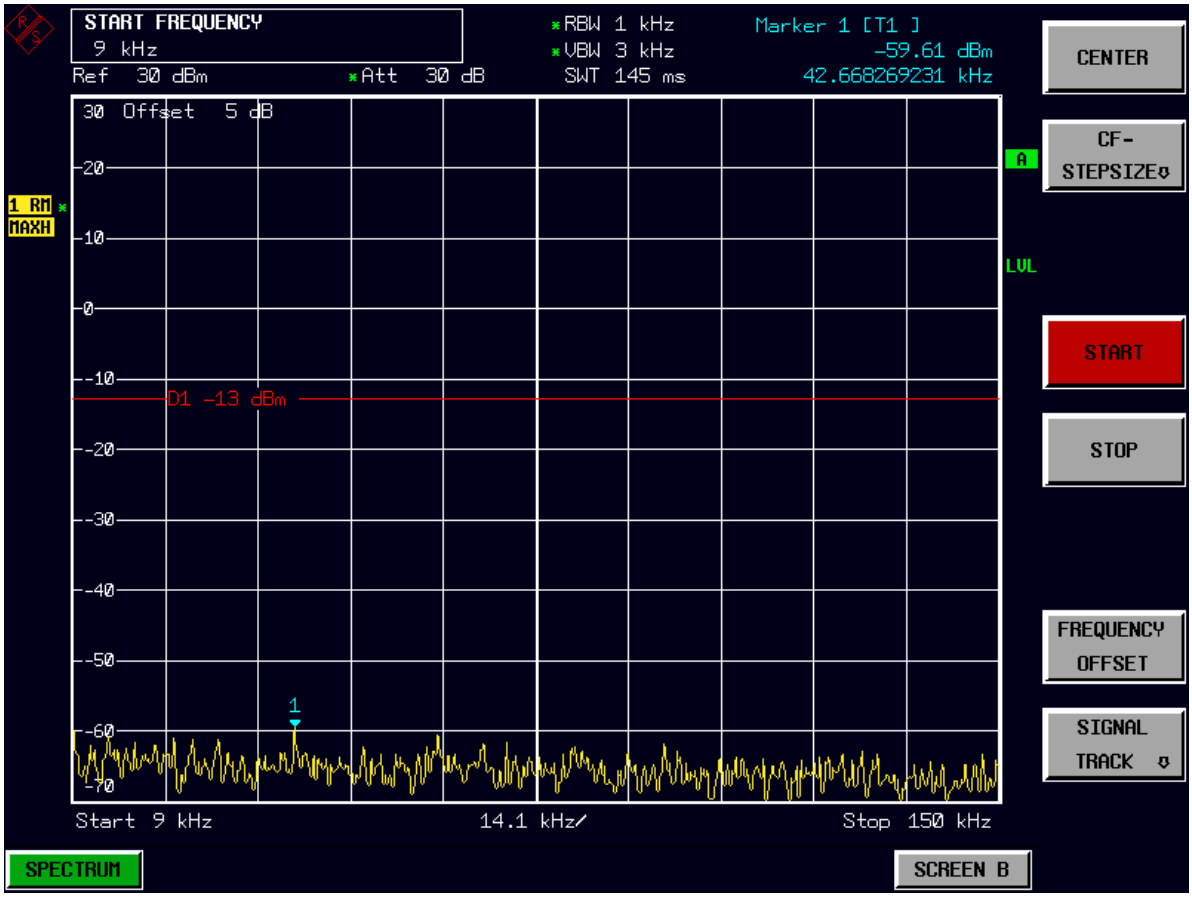


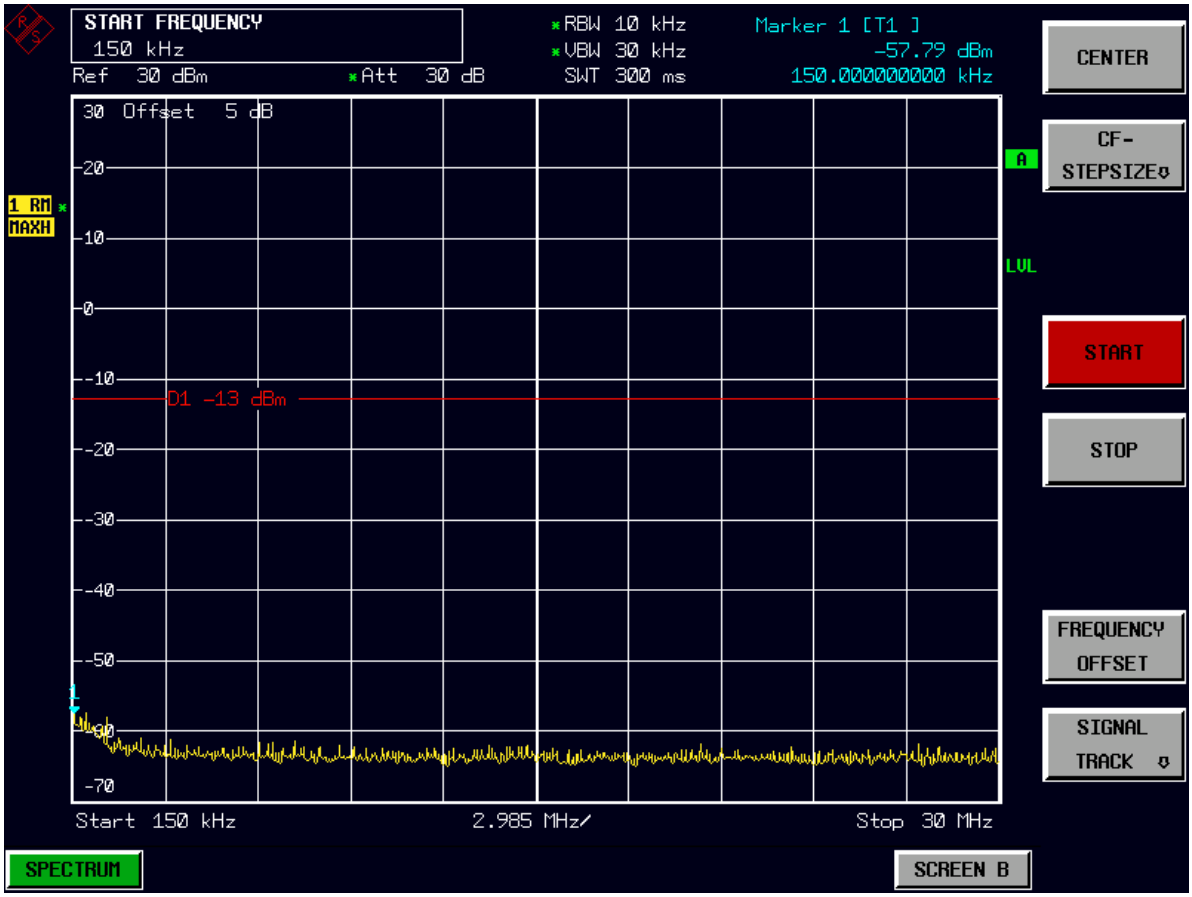

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-57.78 dBm
150.000000000 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B

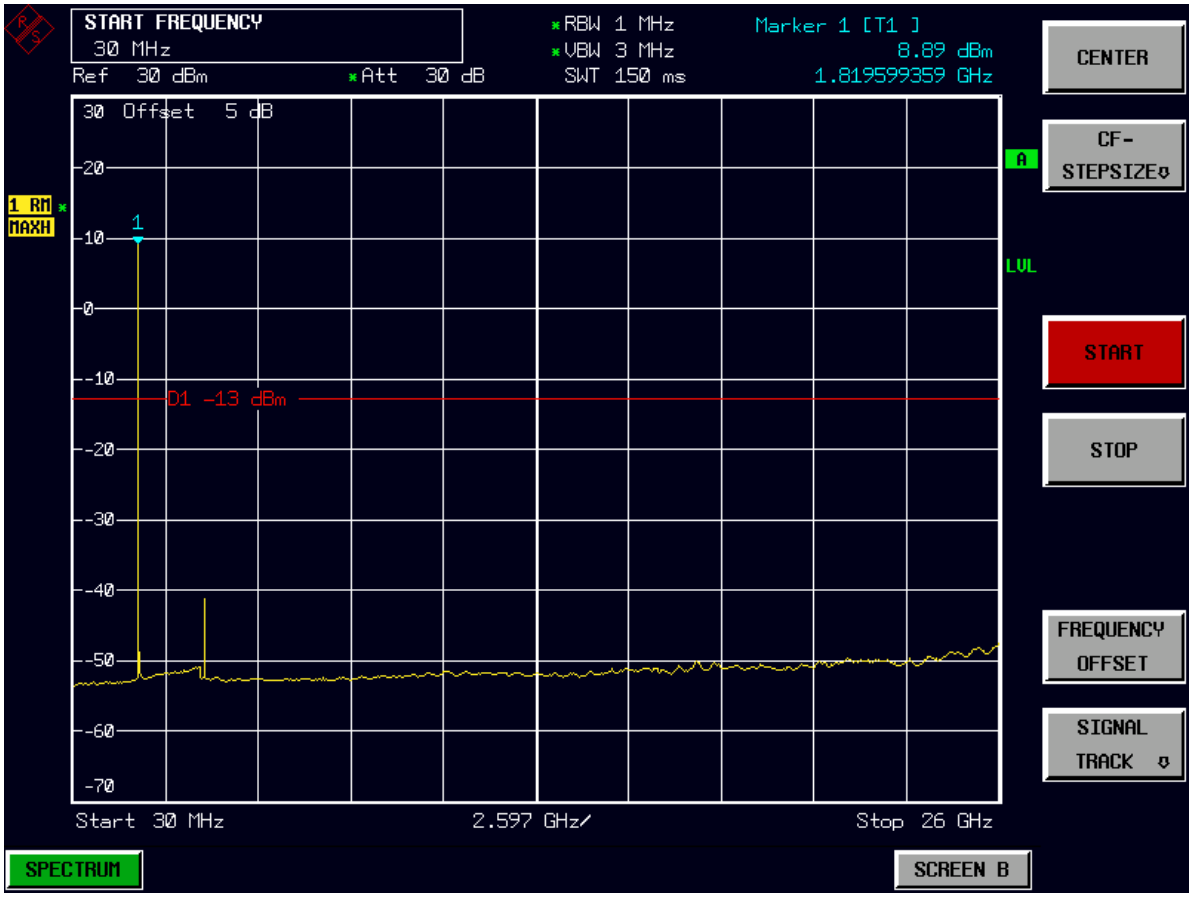

START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.05 dBm
1.902836538 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
1 RM
MAXH
A
LVL
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Modulation：QPSK

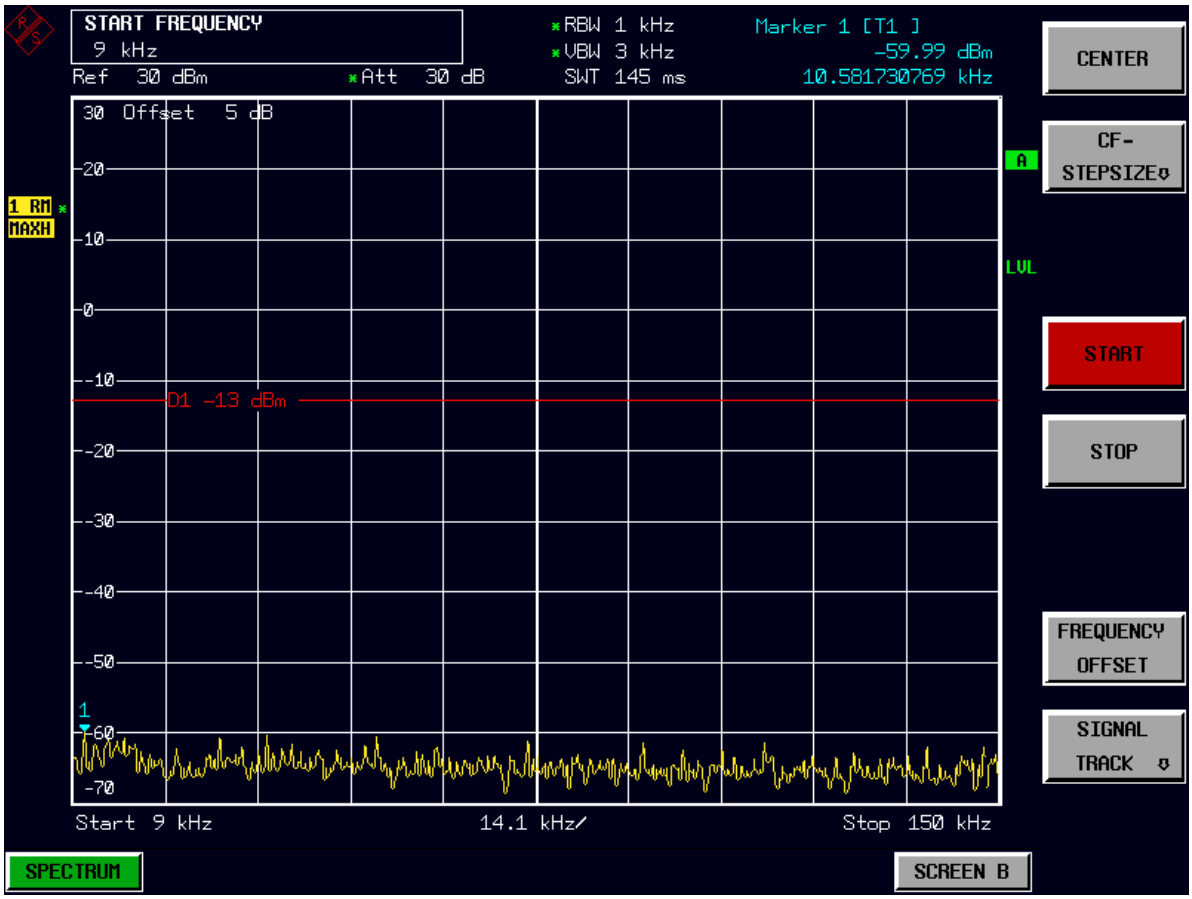
Channel 25

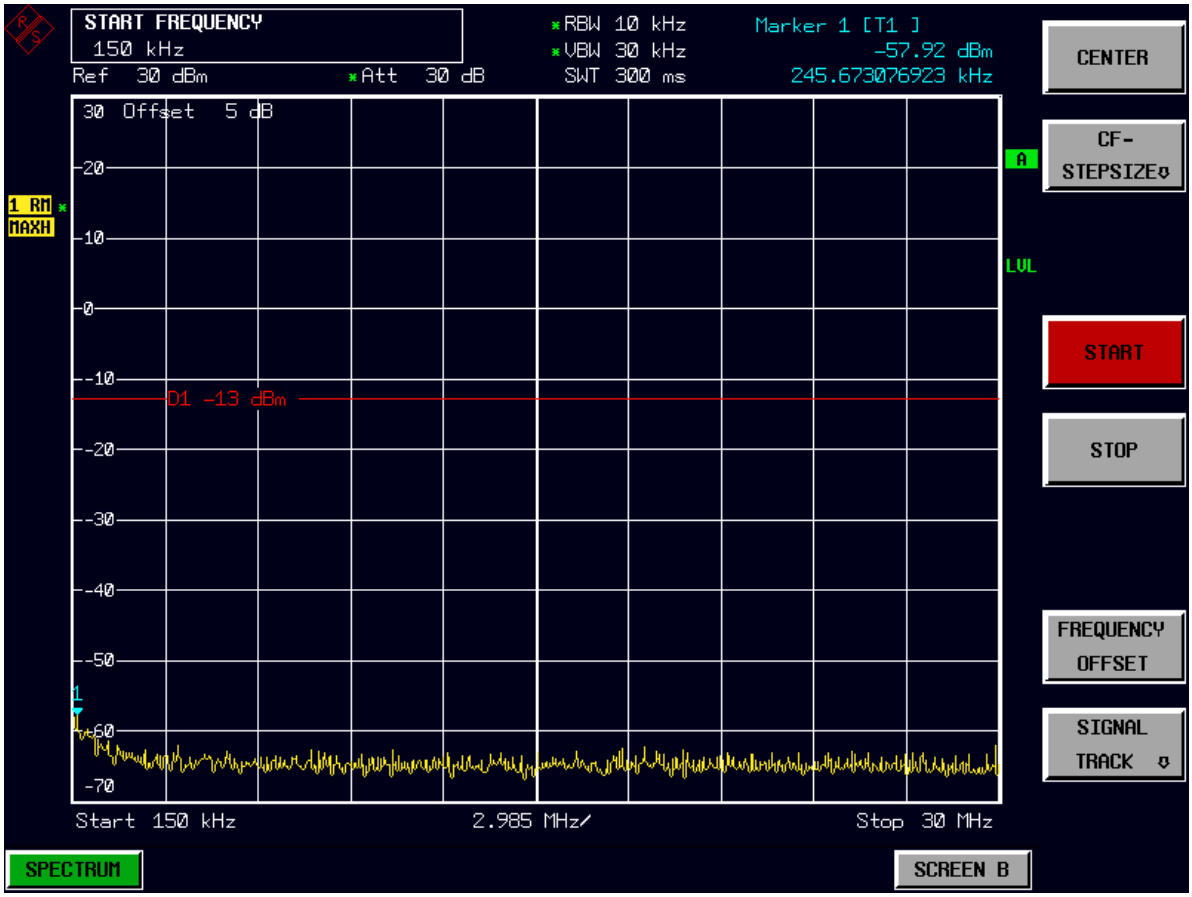


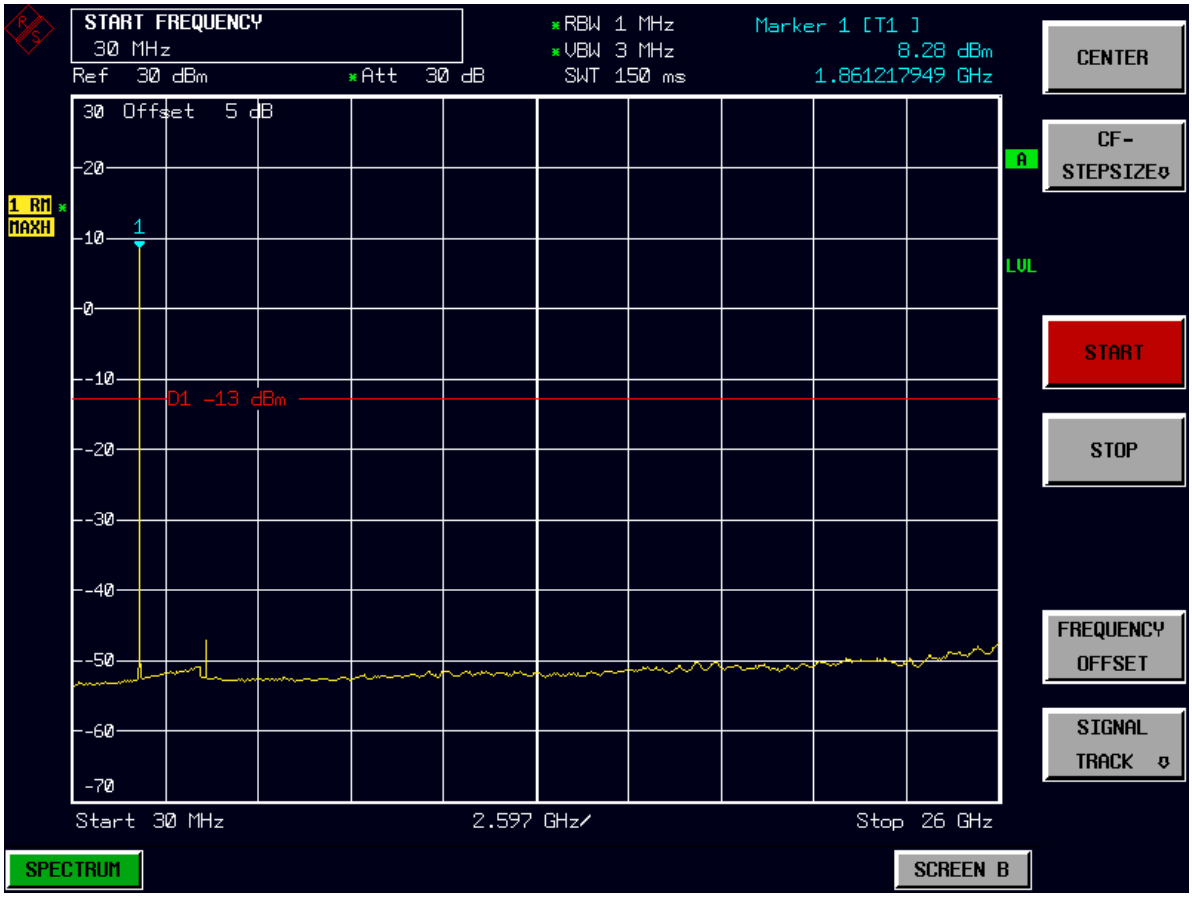

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-57.79 dBm
150.000000000 kHz
30 Offset 5 dB
1 RM
MAXH
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-
STEPSIZE
A
LVL
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.89 dBm
1.819599359 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

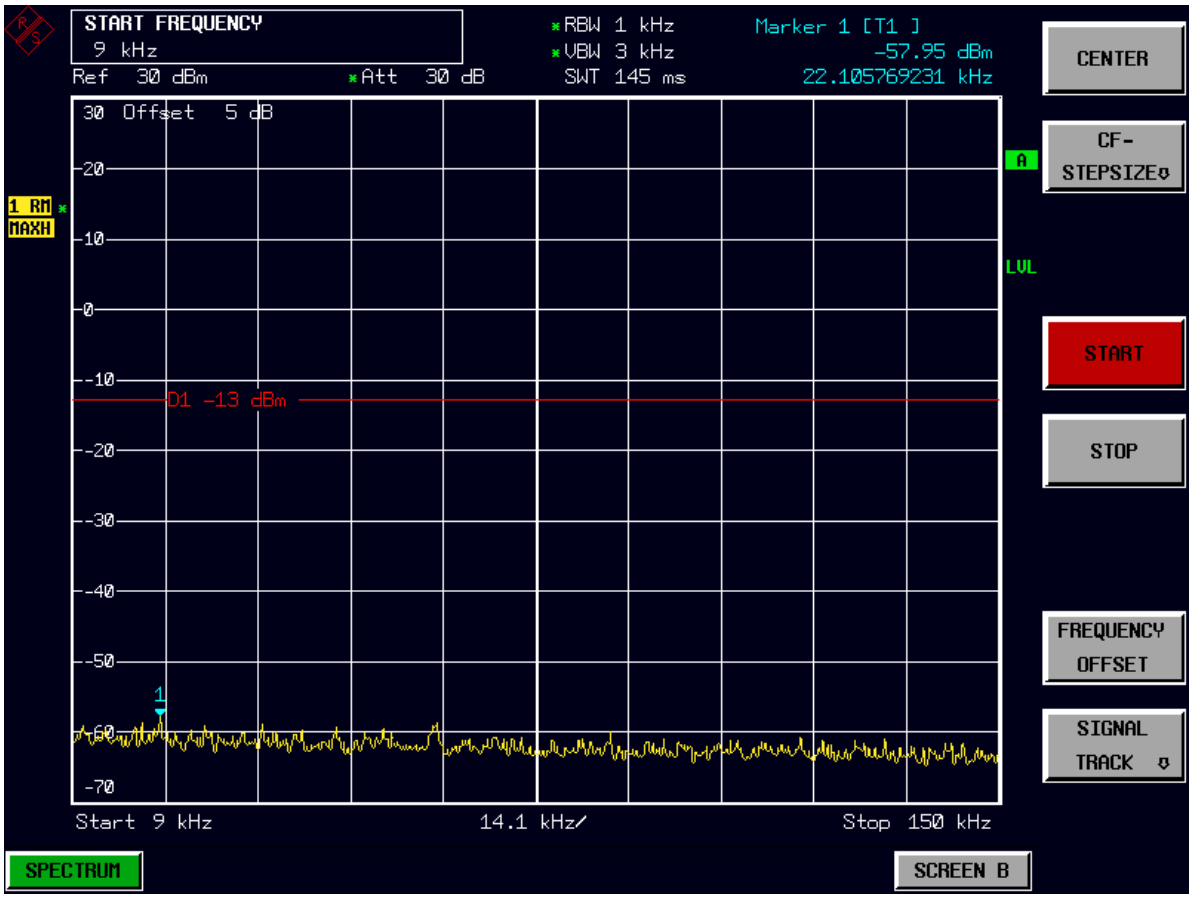
Channel 600

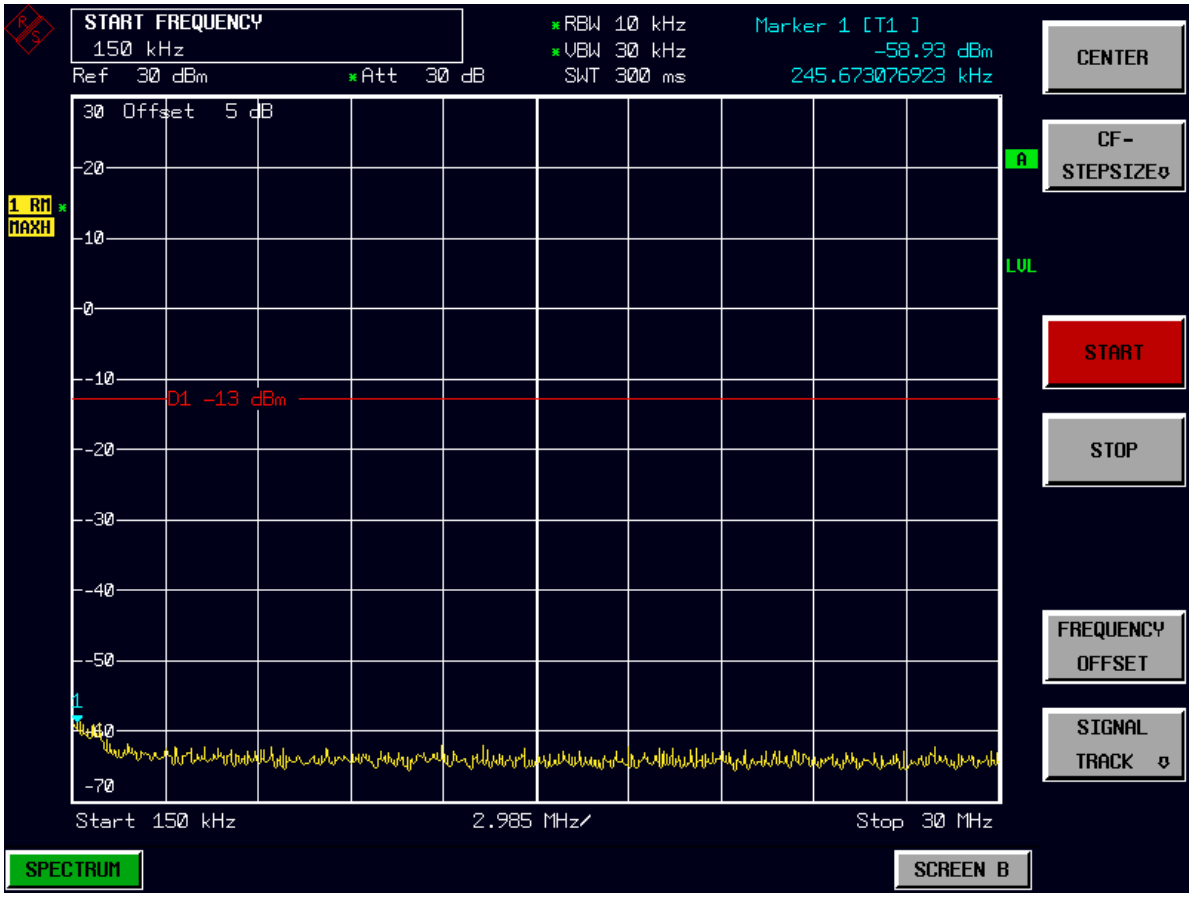

START FREQUENCY
9 kHz
RBW 1 kHz
VBW 3 kHz
SWT 145 ms
Marker 1 [T1]
-59.99 dBm
10.581730769 kHz
Ref 30 dBm
Att 30 dB
30 Offset 5 dB
1 RM
MAXH
D1 -13 dBm
Start 9 kHz
14.1 kHz/
Stop 150 kHz
CENTER
CF-
STEPSIZE
A
LVL
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

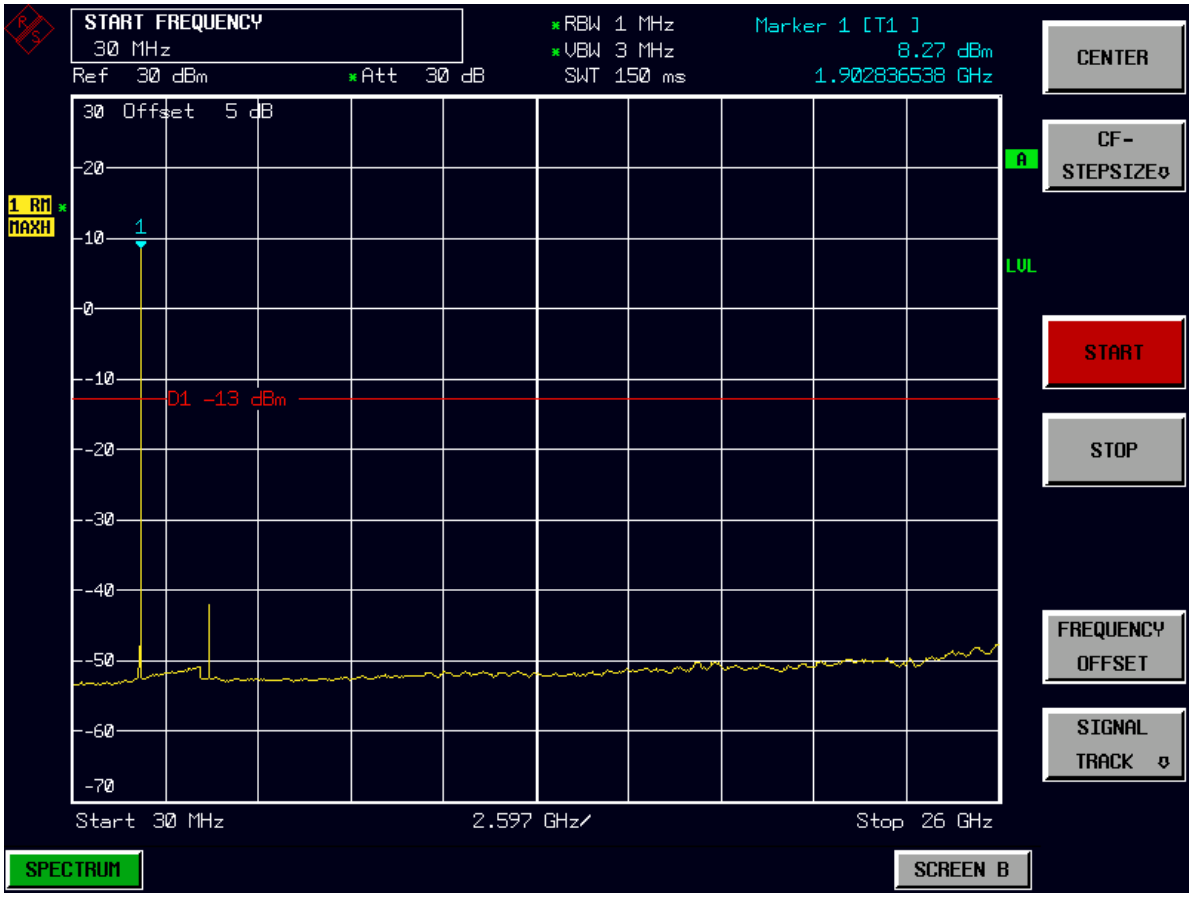

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-57.92 dBm
245.673076923 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.28 dBm
1.861217949 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Channel 1175

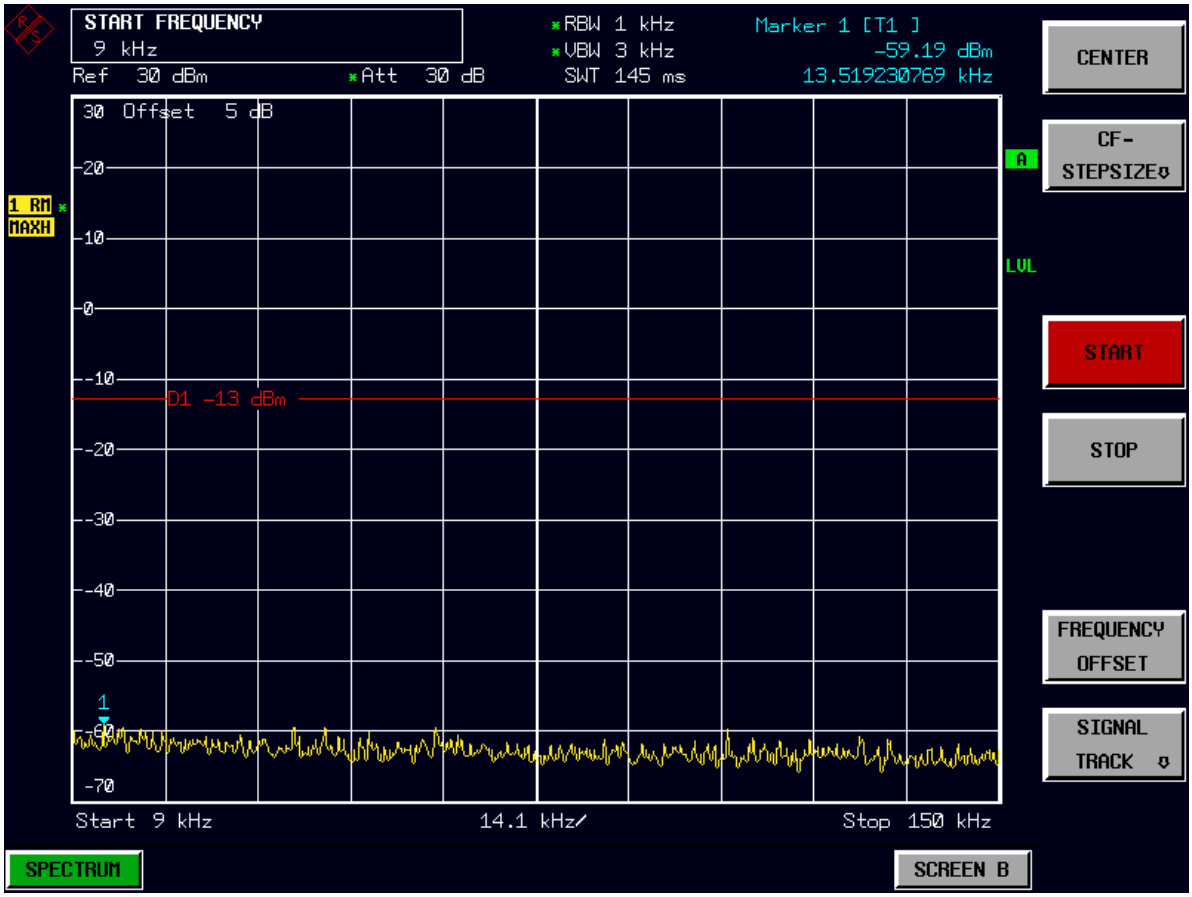


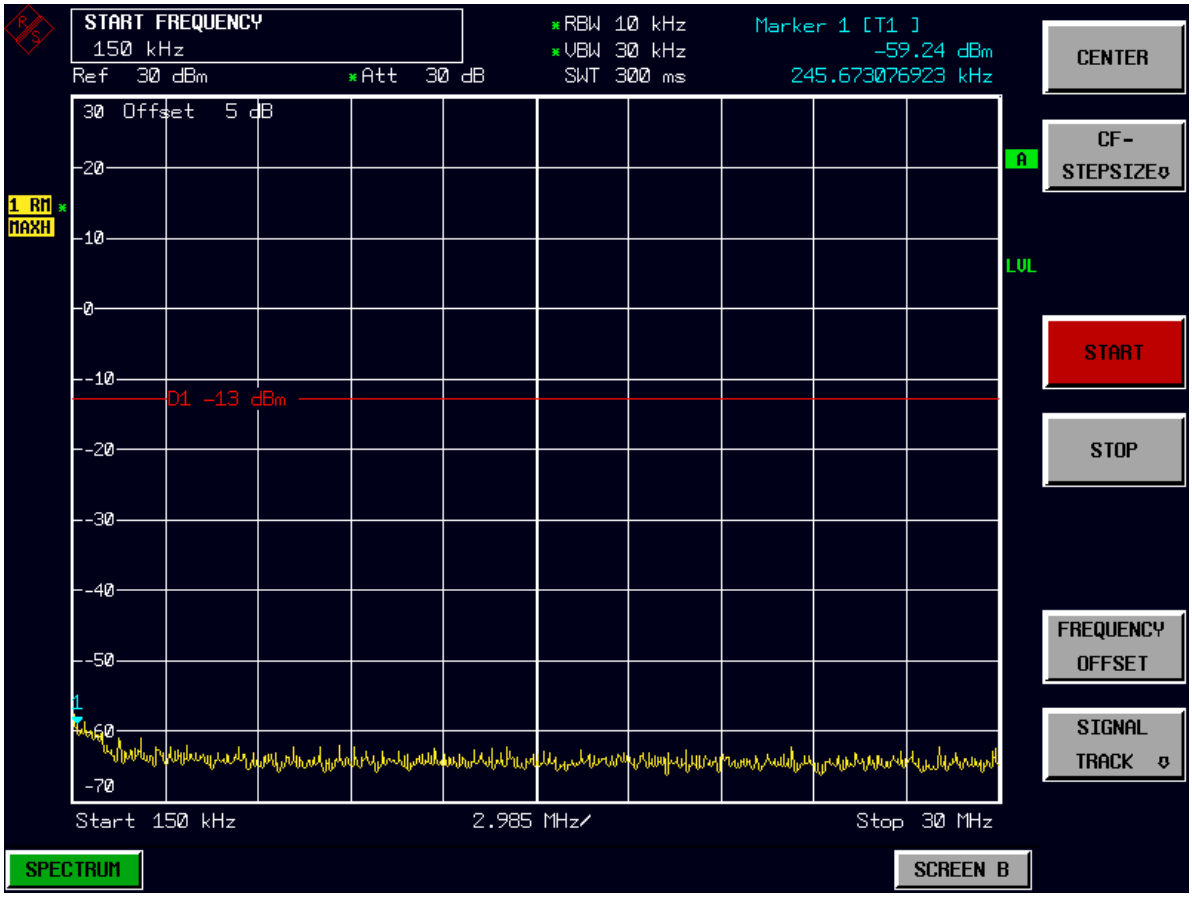

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.93 dBm
245.673076923 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B

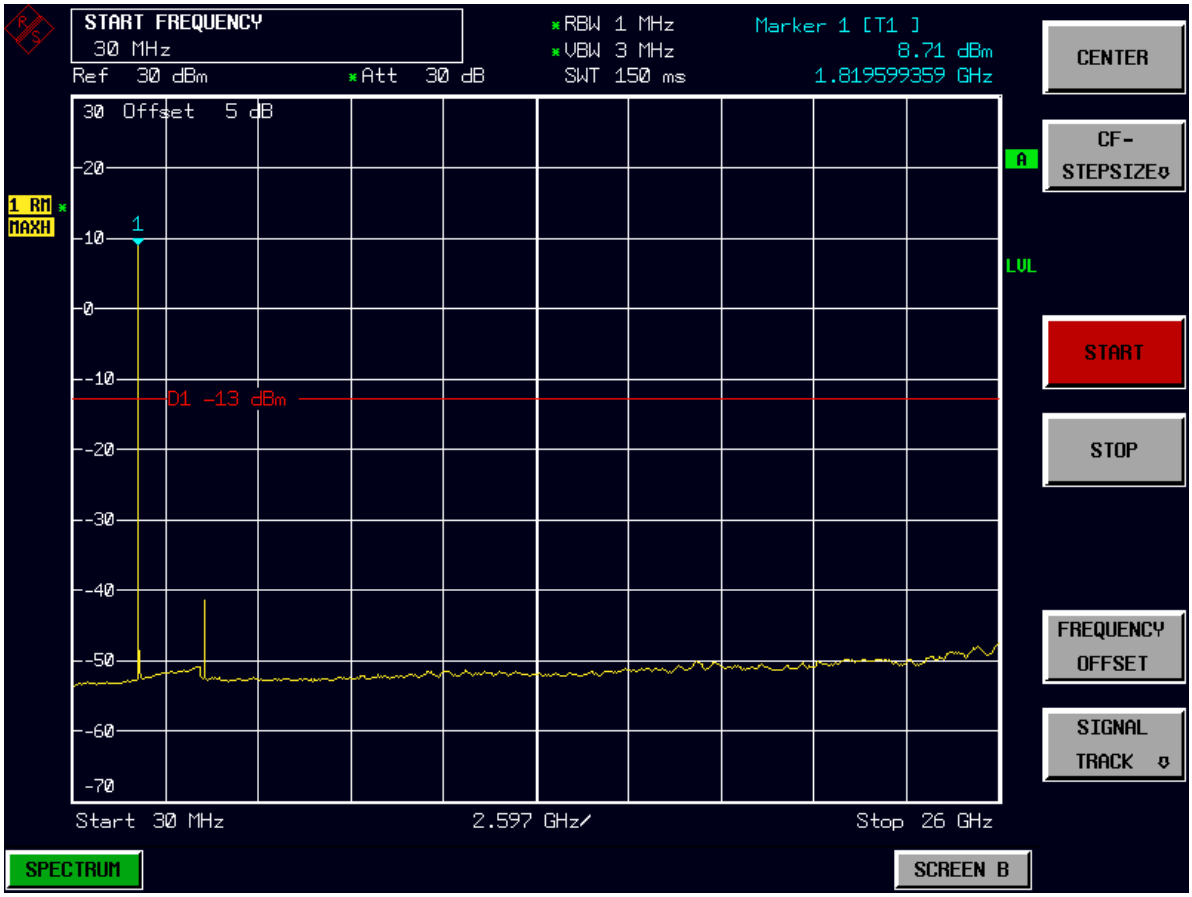

START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.27 dBm
1.902836538 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Modulation：8PSK

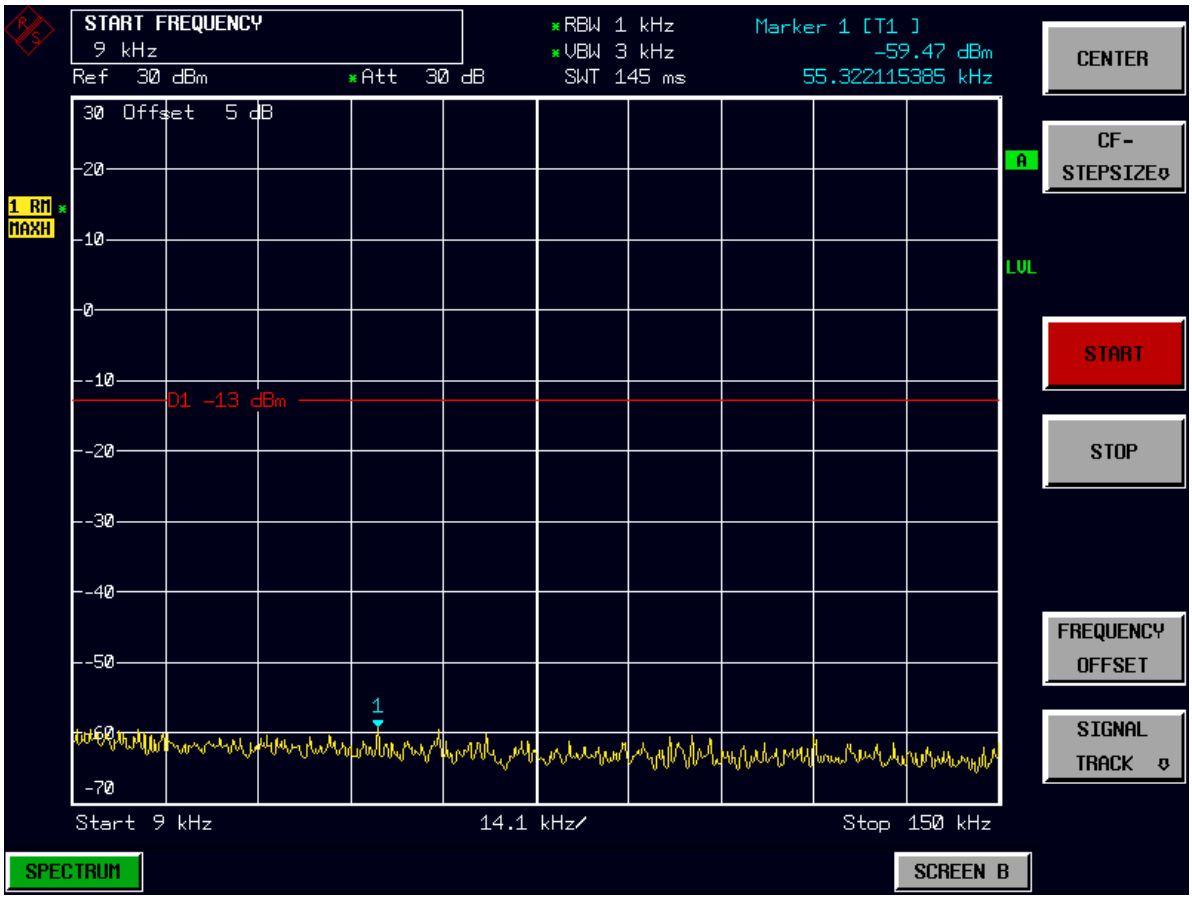
Channel 25

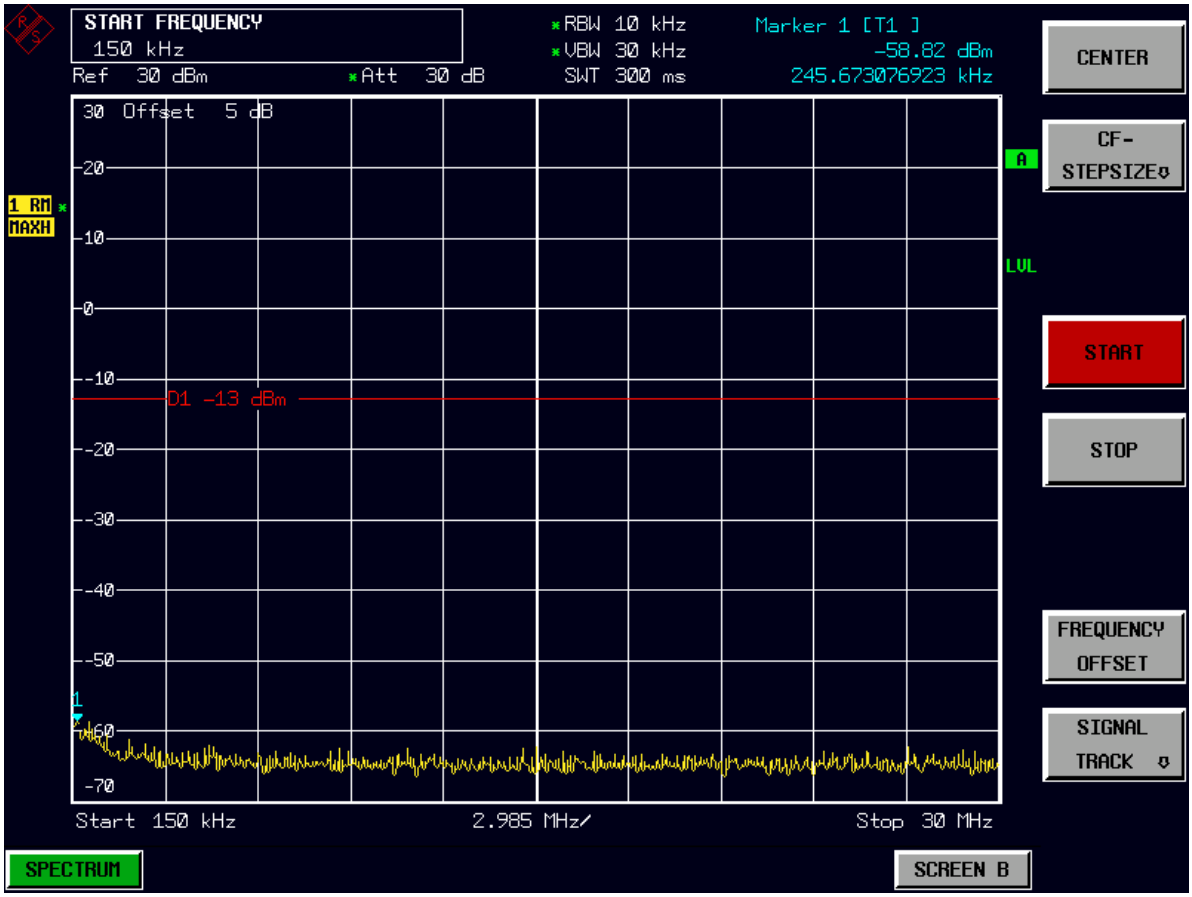


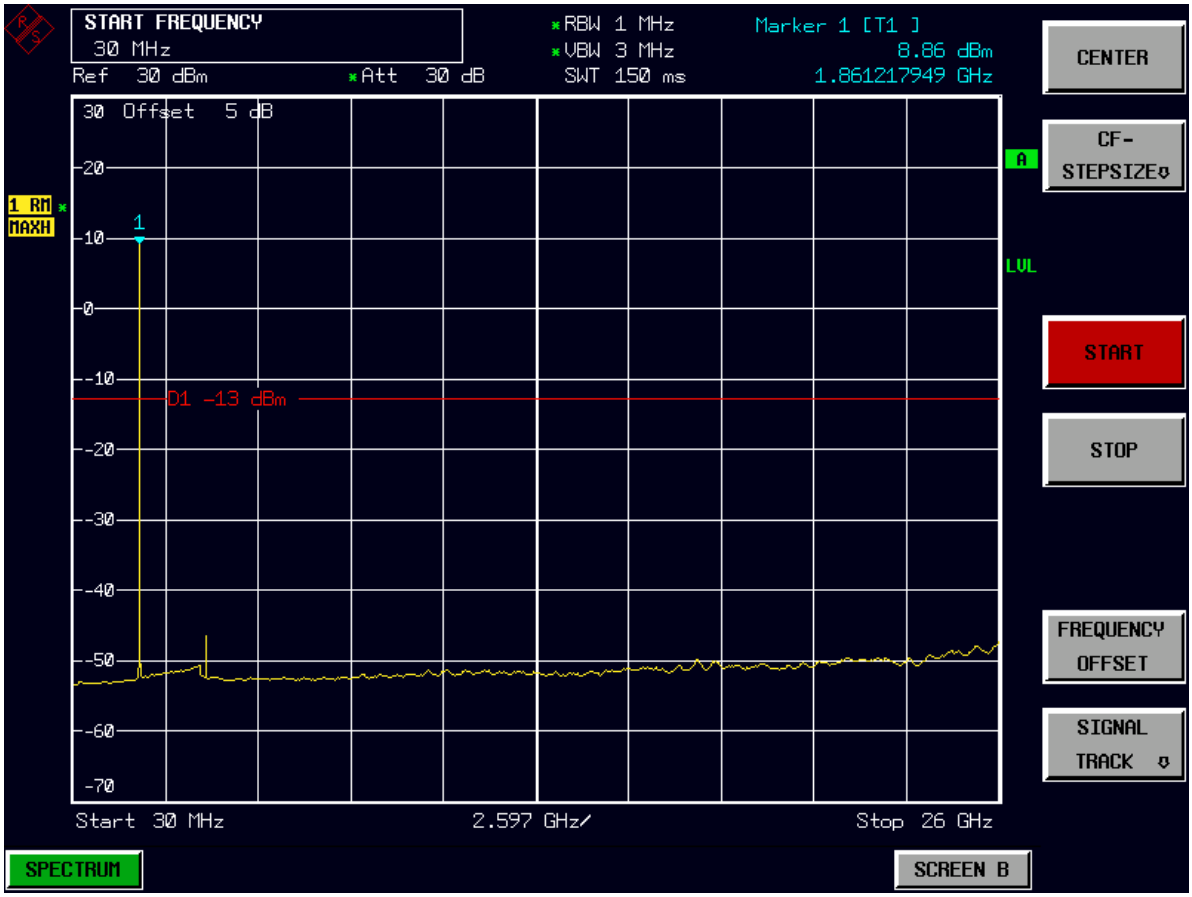

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-59.24 dBm
245.673076923 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.71 dBm
1.819599359 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

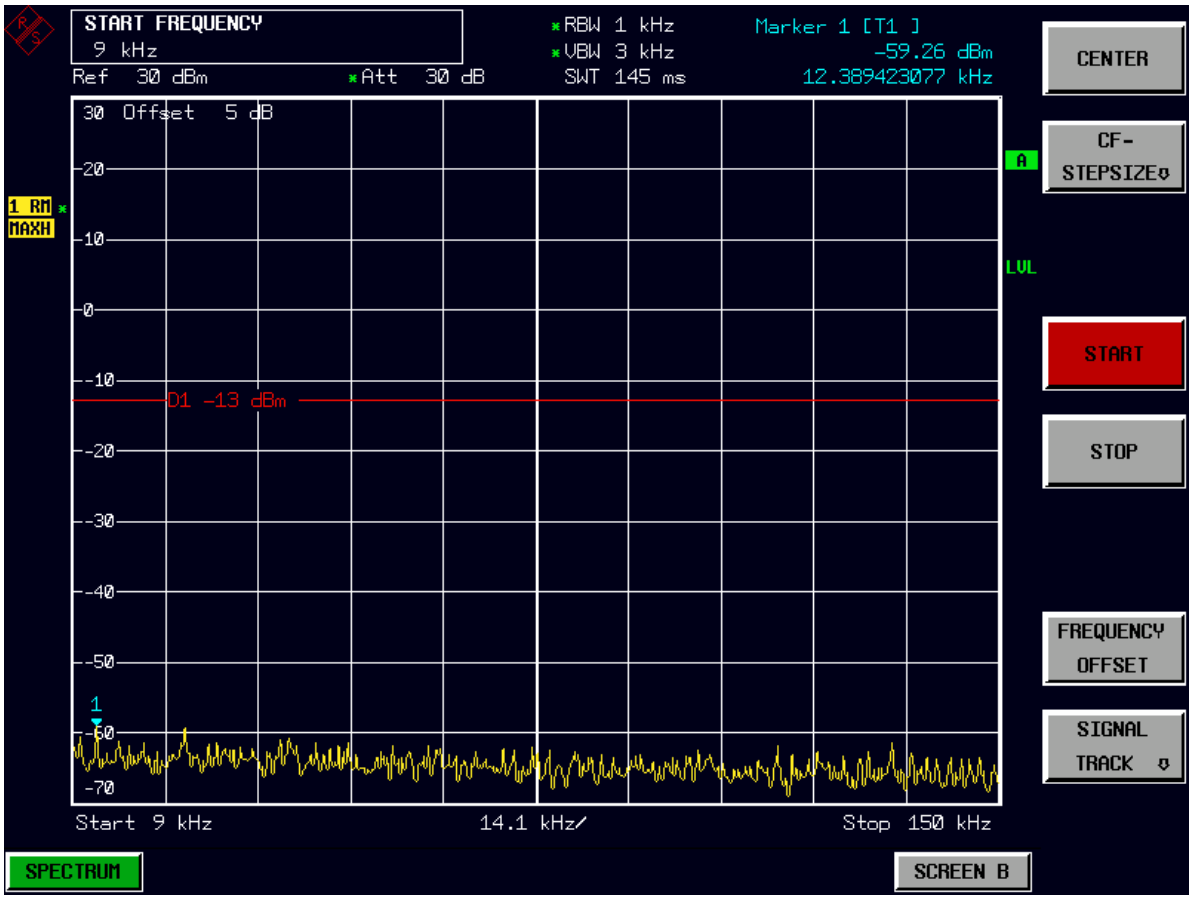
Channel 600

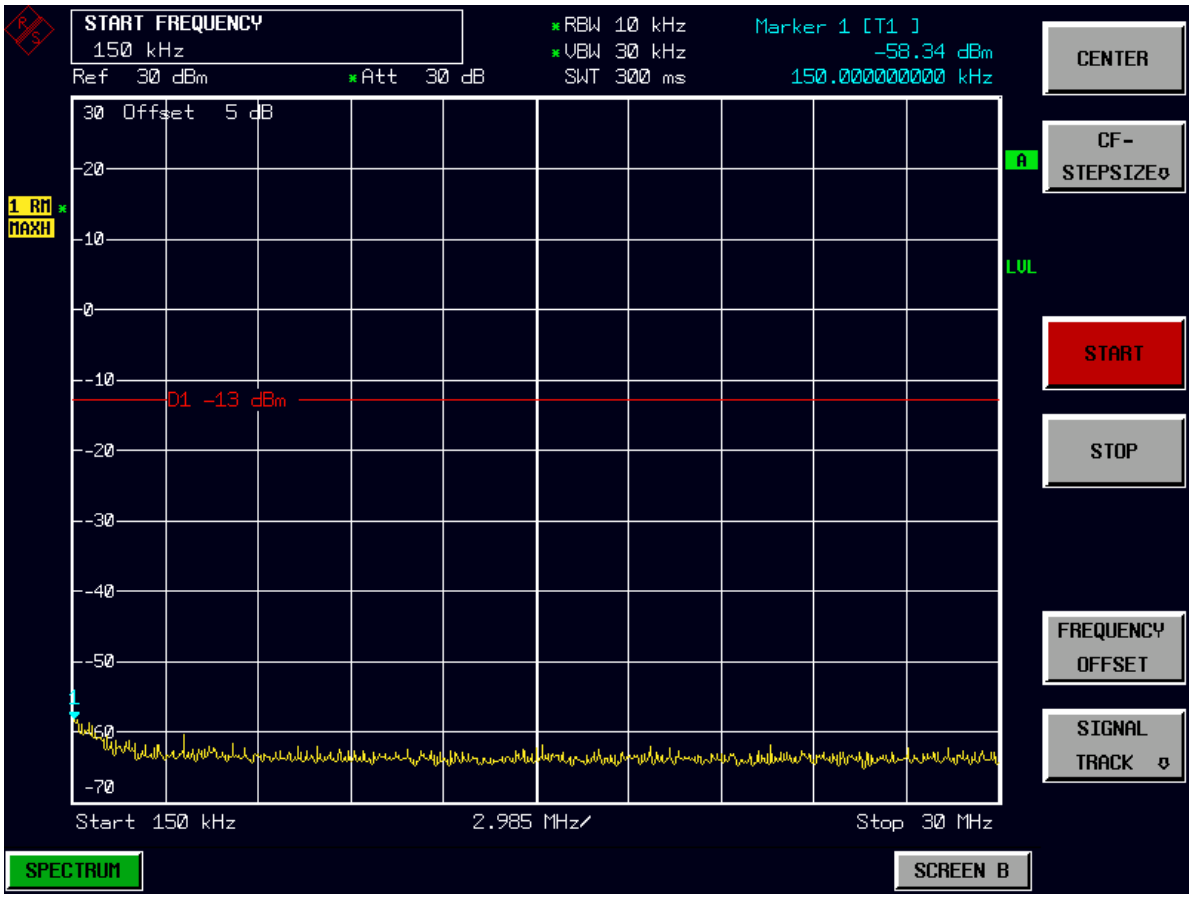

START FREQUENCY
9 kHz
RBW 1 kHz
VBW 3 kHz
SWT 145 ms
Marker 1 [T1]
-59.47 dBm
55.322115385 kHz
Ref 30 dBm
Att 30 dB
30 Offset 5 dB
D1 -13 dBm
Start 9 kHz
14.1 kHz/
Stop 150 kHz
CENTER
CF-STEPSIZE
START
STOP
FREQUENCY OFFSET
SIGNAL TRACK
SPECTRUM
SCREEN B

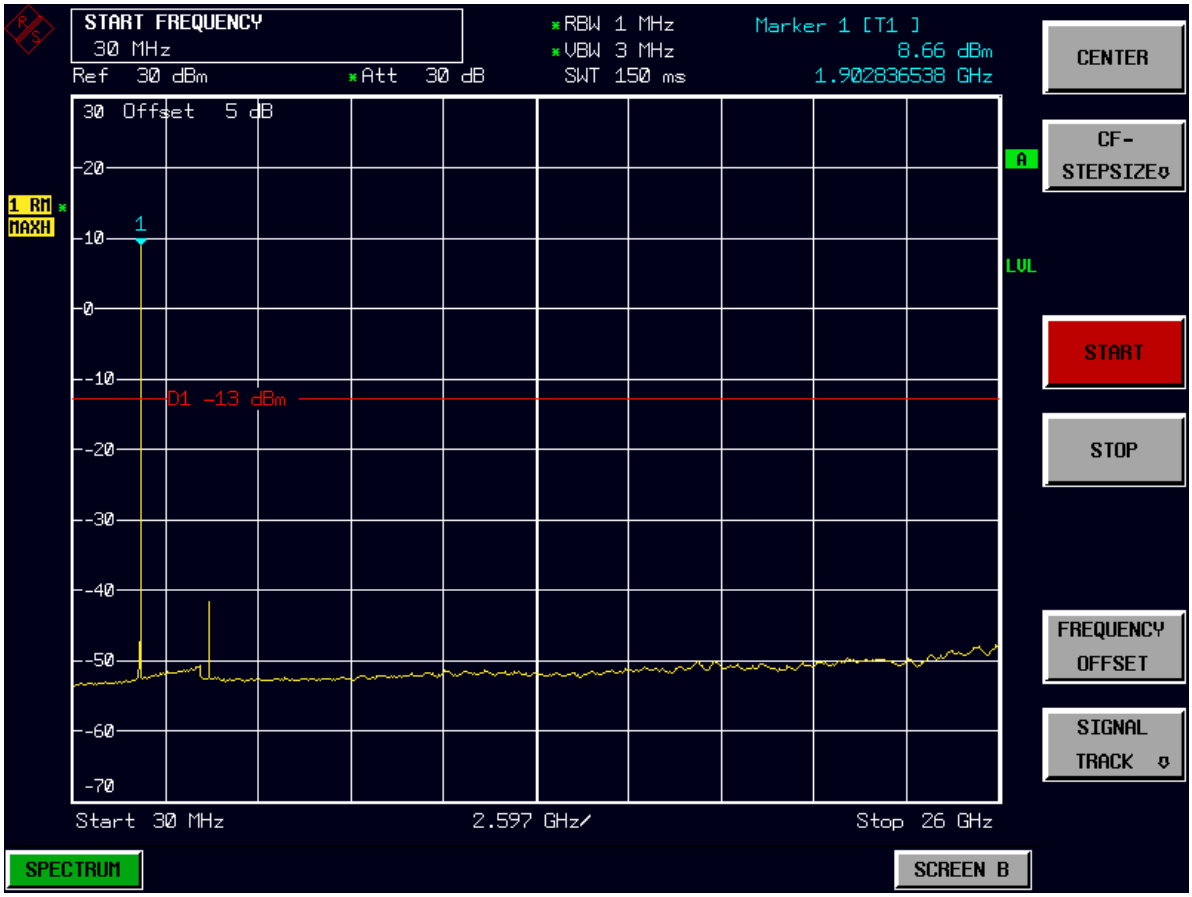

START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.82 dBm
245.673076923 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B


START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.86 dBm
1.861217949 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Channel 1175




START FREQUENCY
150 kHz
Ref 30 dBm
Att 30 dB
RBW 10 kHz
VBW 30 kHz
SWT 300 ms
Marker 1 [T1]
-58.34 dBm
150.000000000 kHz
30 Offset 5 dB
D1 -13 dBm
Start 150 kHz
2.985 MHz/
Stop 30 MHz
1 RM
MAXH
A
LVL
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

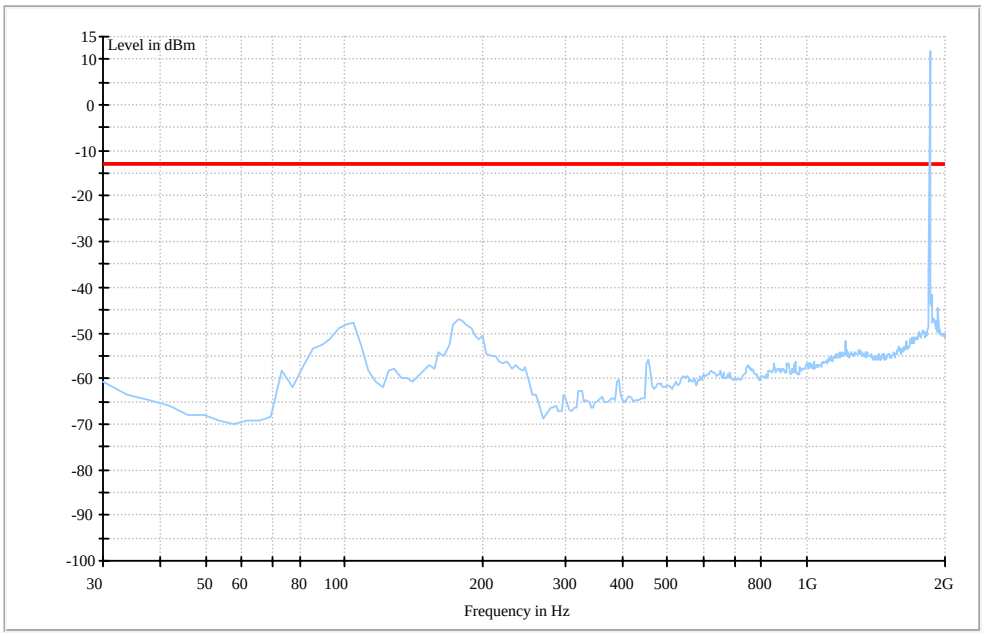

START FREQUENCY
30 MHz
Ref 30 dBm
Att 30 dB
RBW 1 MHz
VBW 3 MHz
SWT 150 ms
Marker 1 [T1]
8.66 dBm
1.902836538 GHz
30 Offset 5 dB
D1 -13 dBm
Start 30 MHz
2.597 GHz/
Stop 26 GHz
1 RM
MAXH
A
LVL
CENTER
CF-
STEPSIZE
START
STOP
FREQUENCY
OFFSET
SIGNAL
TRACK
SPECTRUM
SCREEN B

Appendix E

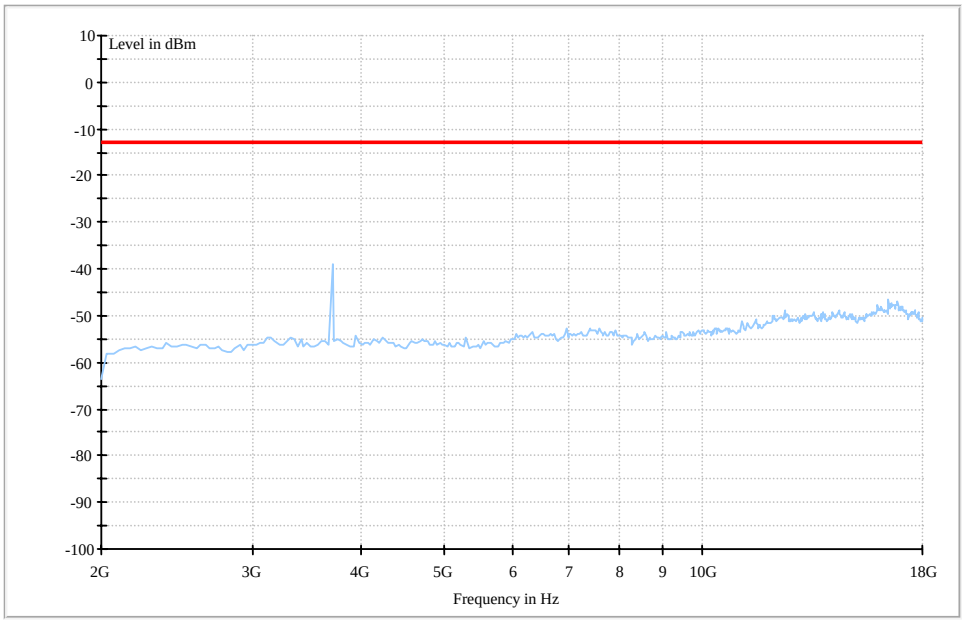
Radiated Spurious Emission

According to FCC Part 2.1053 & 24.238

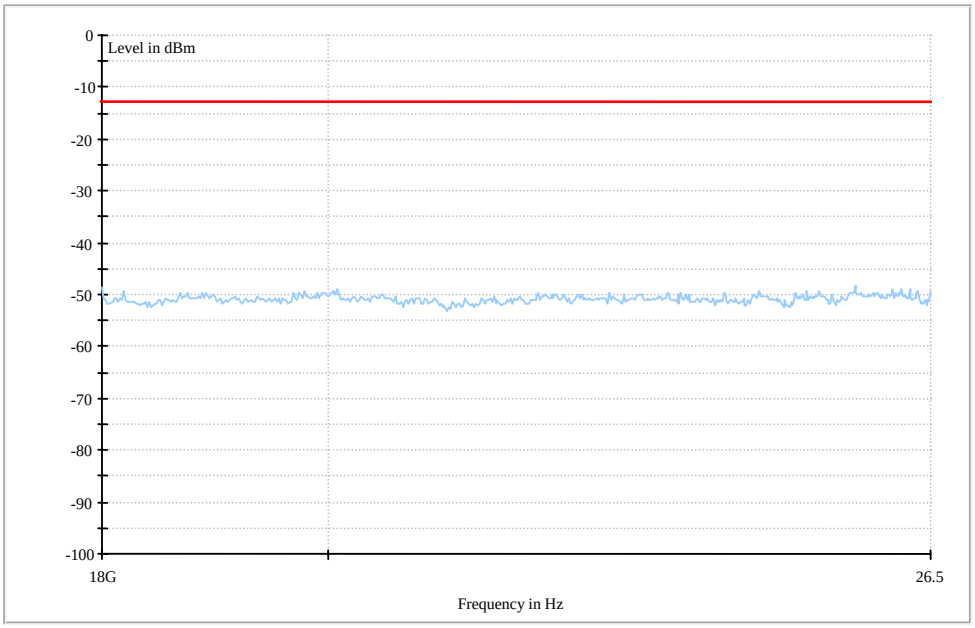
Traffic Mode (30MHz-2GHz) for CDMA1X 1900MHz



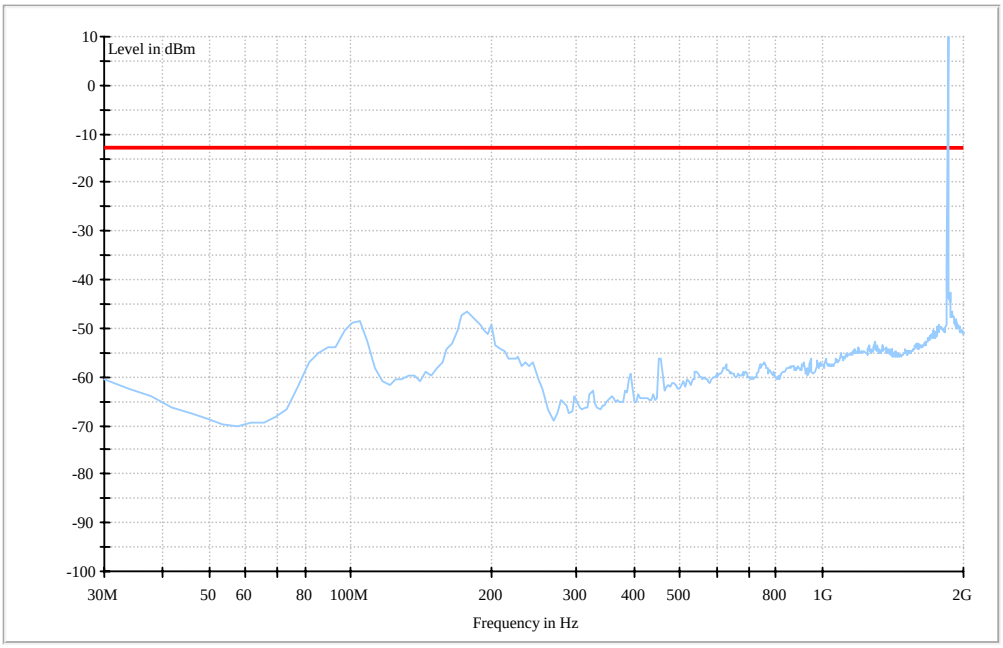
Traffic Mode (2GHz -18GHz) for CDMA1X 1900MHz



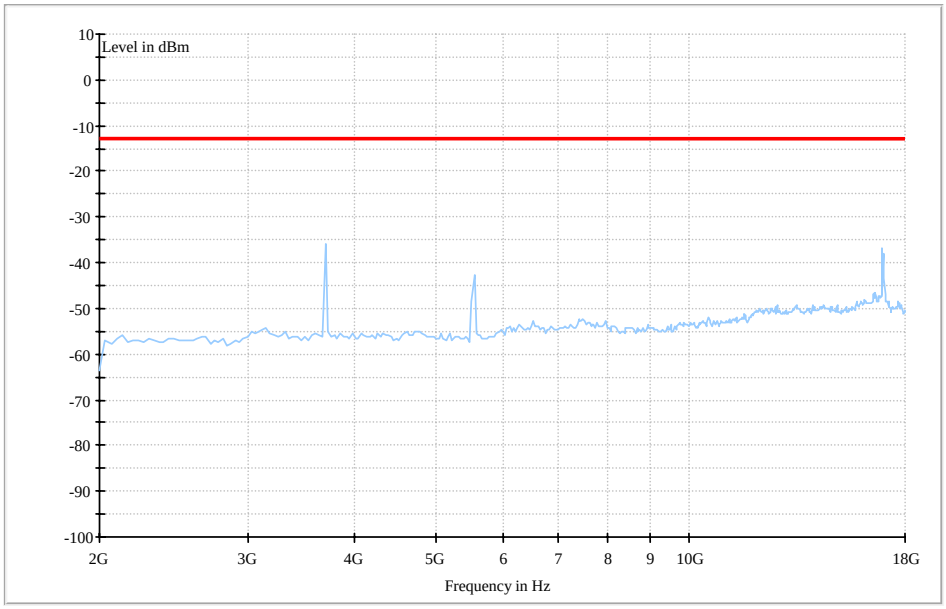
Traffic Mode (18GHz -26.5GHz) for CDMA1X 1900MHz



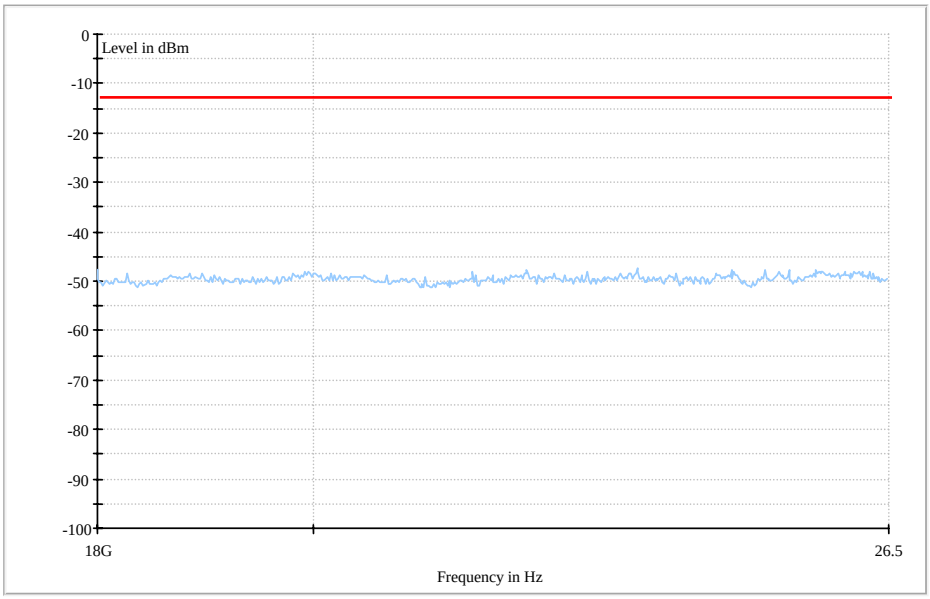
Traffic Mode (30MHz-2GHz) for EVDO.0 1900MHz



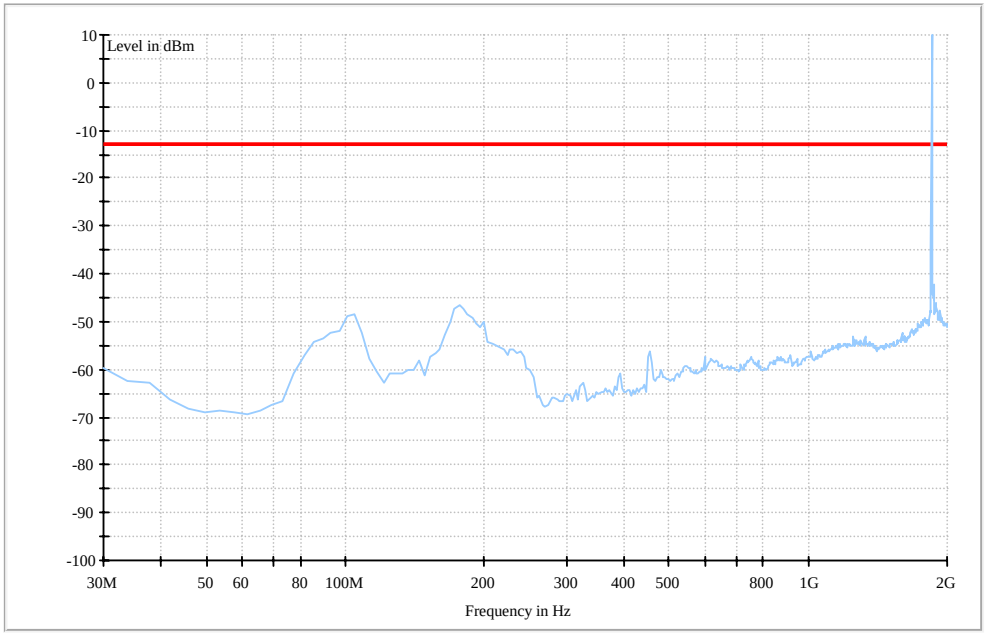
Traffic Mode (2GHz -18GHz) for EVDO.0 1900MHz



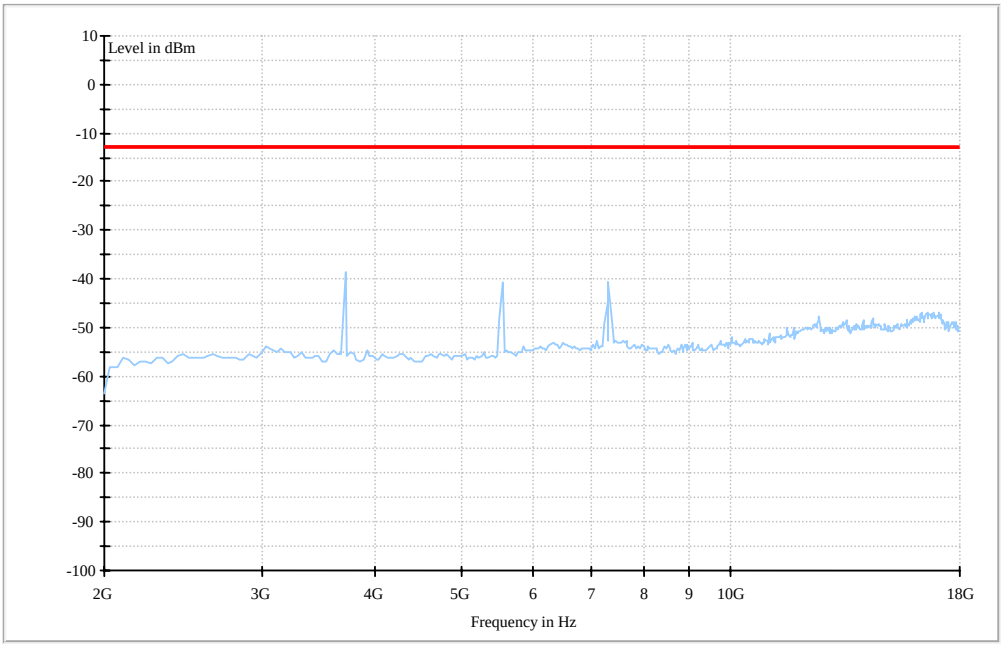
Traffic Mode (18GHz -26.5GHz) for EVDO.0 1900MHz



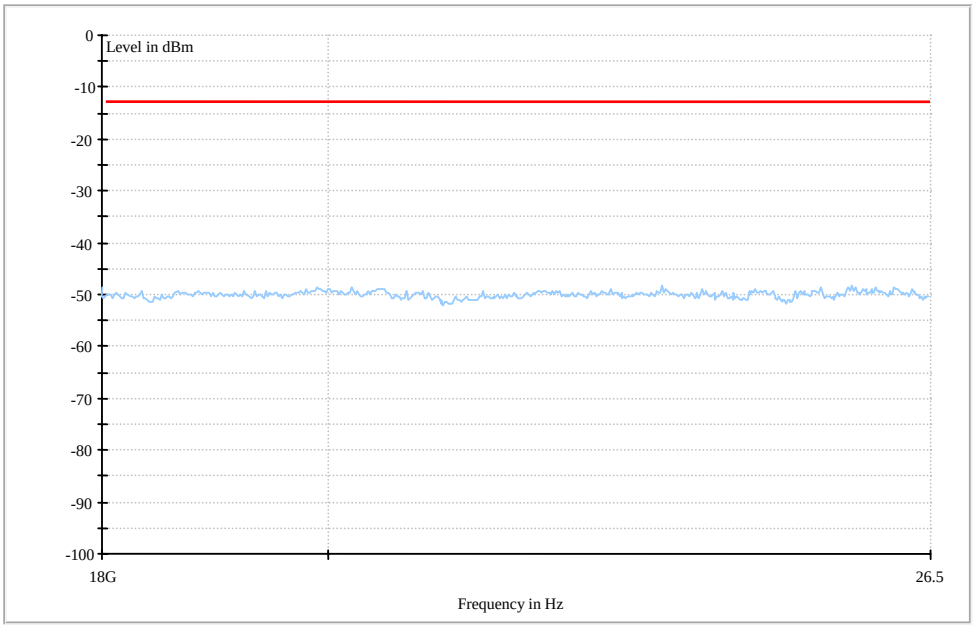
Traffic Mode (30MHz-2GHz) for EVDO.A 1900MHz



Traffic Mode (2GHz -18GHz) for EVDO.A 1900MHz



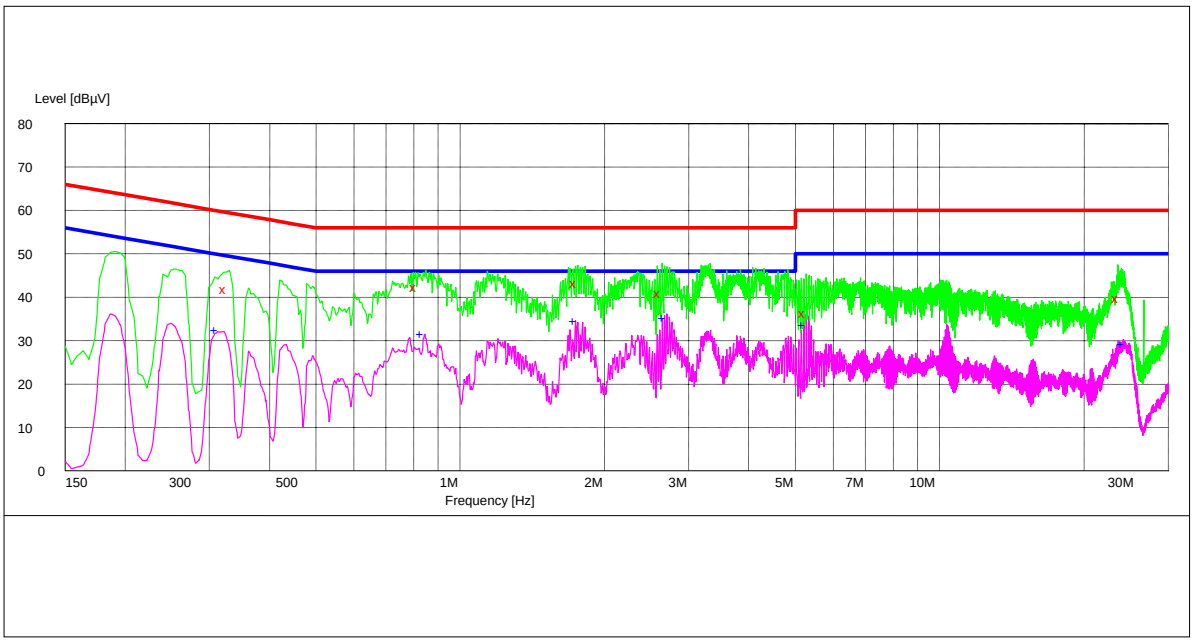
Traffic Mode (18GHz -26.5GHz) for EVDO.A 1900MHz



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

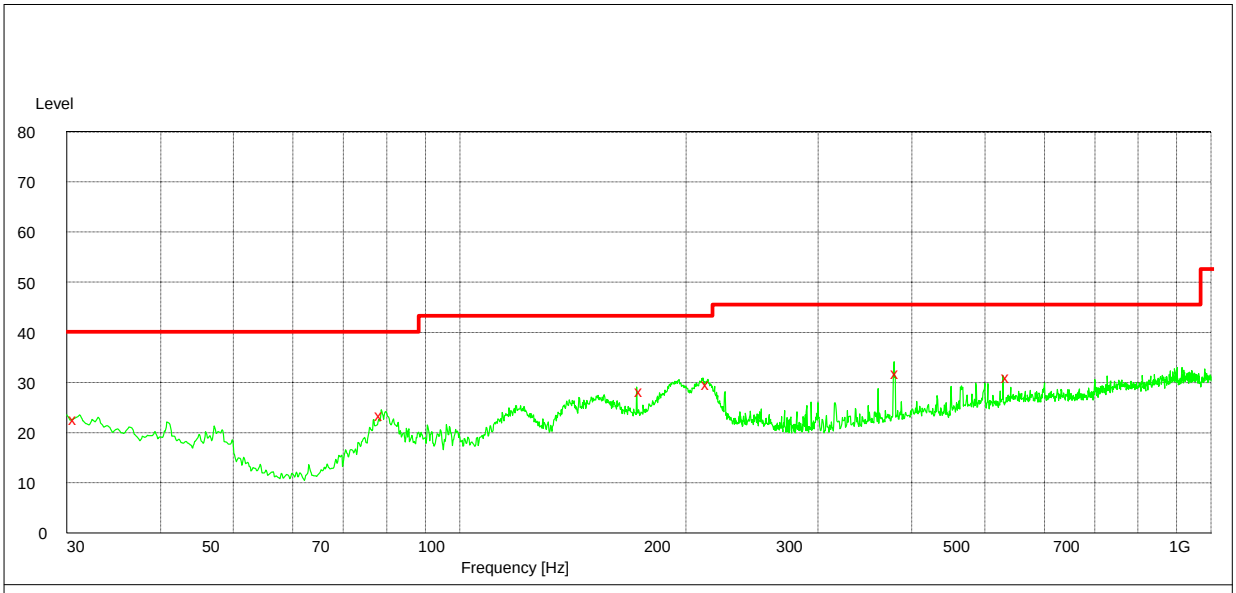
MEASUREMENT RESULT: “AV DECTER”

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



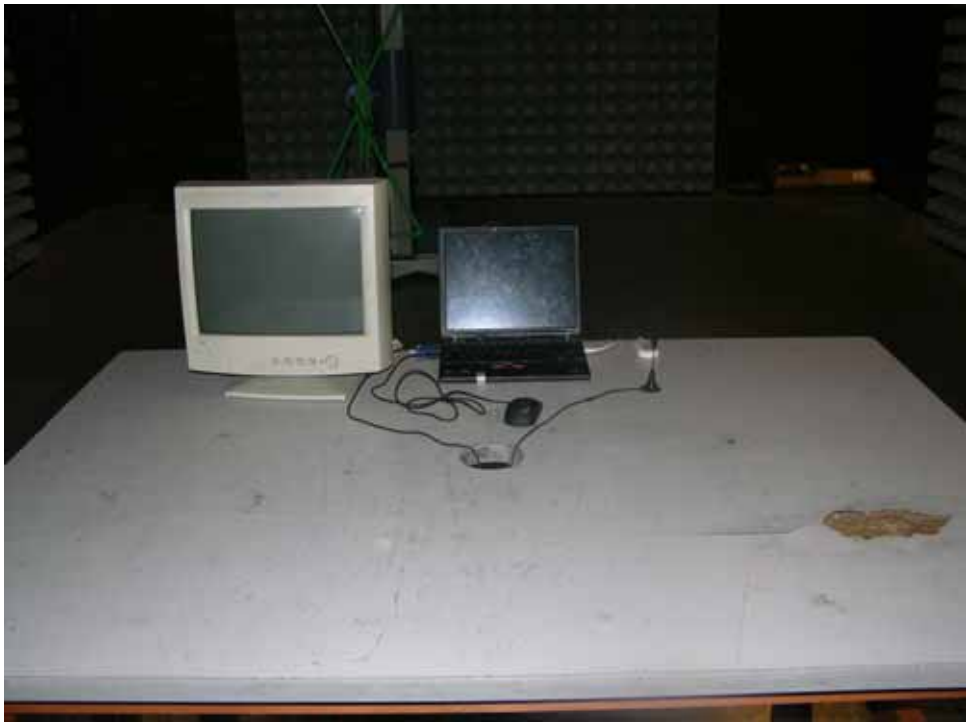
MEASUREMENT RESULT: QP DECTER

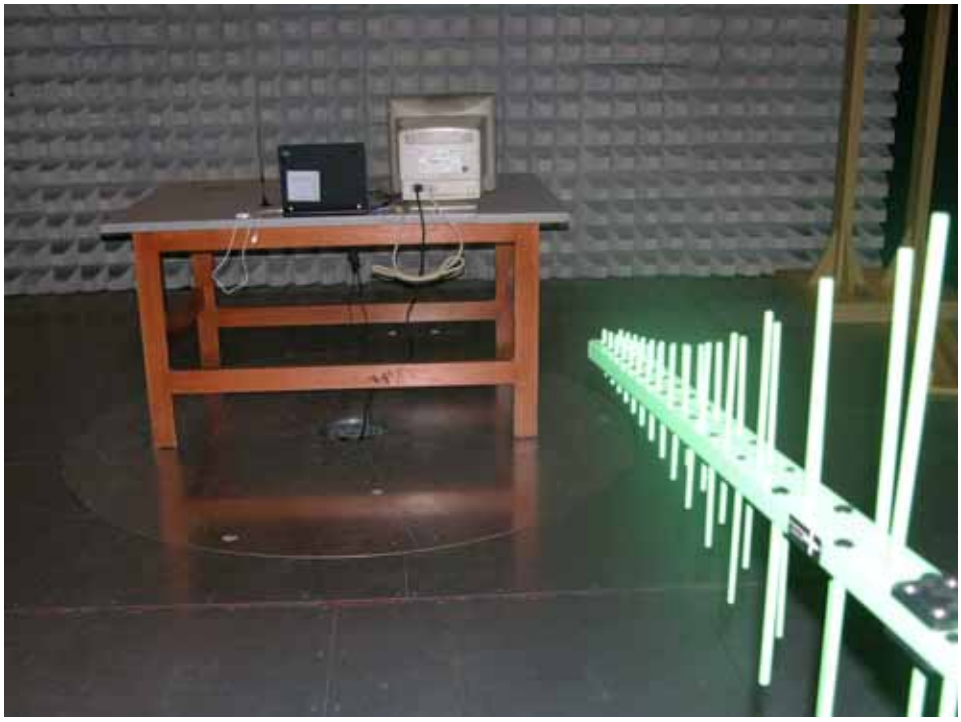
Frequency (MHz)	Level (dBµV/m)	Transd (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Polarisation
30.18	22.7	-4.2	40	17.3	173	223	HORIZONTAL
79.2	23.4	-14.9	40	16.6	195	350	HORIZONTAL
171.78	27.8	-11.9	43.5	15.7	174	0	HORIZONTAL
212.16	29.1	-11.7	43.5	14.4	126	94	HORIZONTAL
378.78	31.3	-5.1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



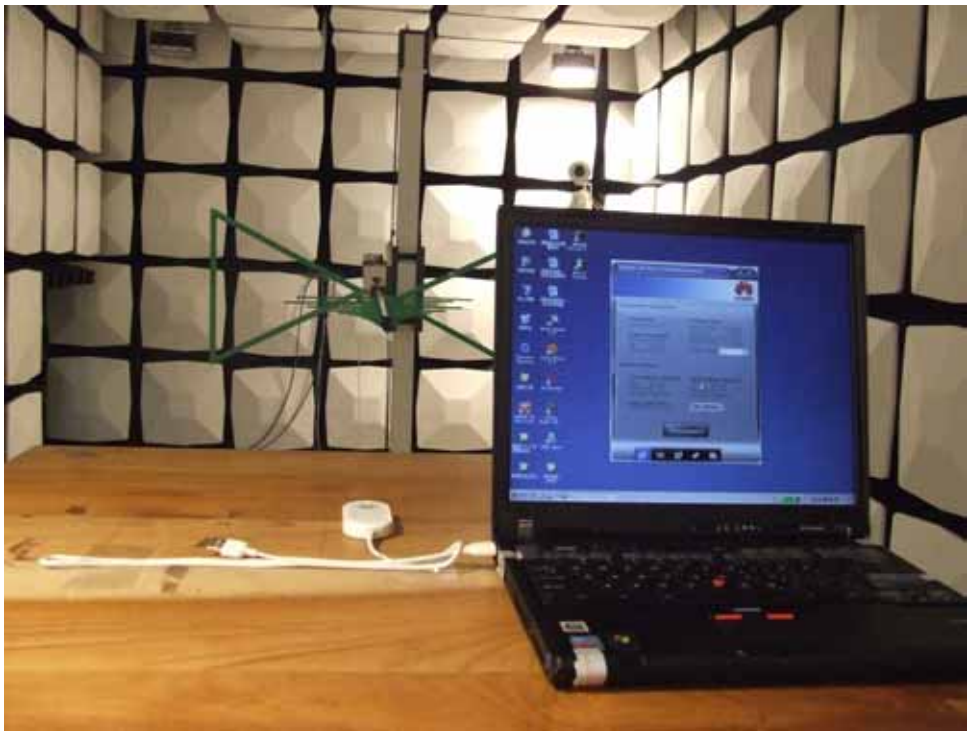


Radiated Disturbance

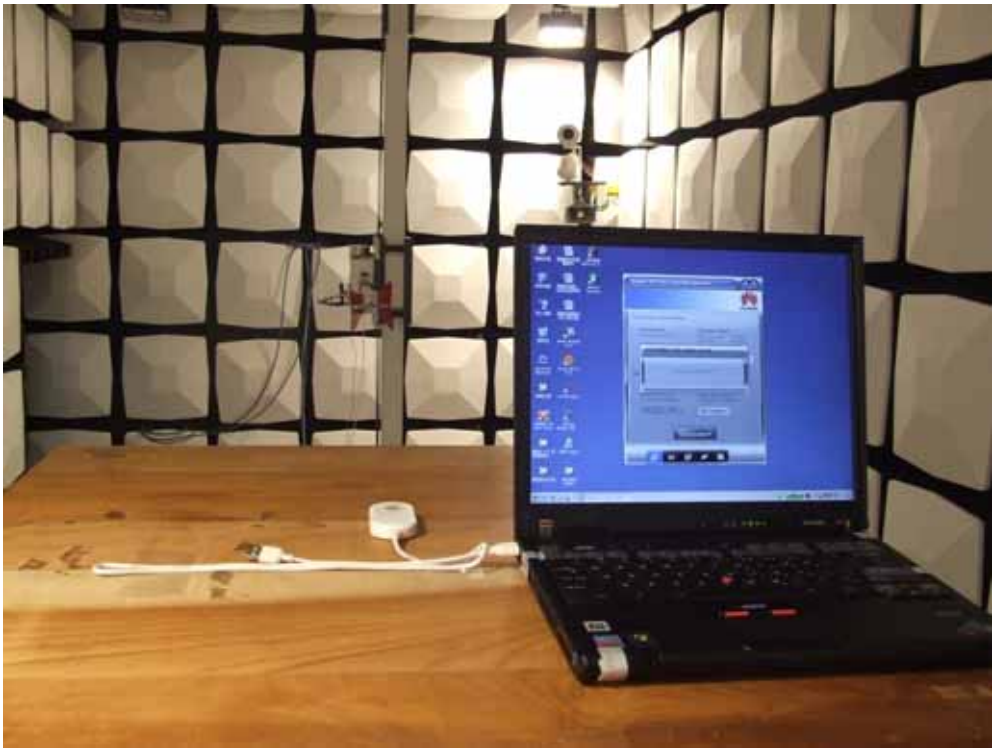
2 Conducted Emissions

Conducted Disturbance

3 Radiated Spurious Emissions



Spurious Radiated Emissions（30MHz～2GHz）



Spurious Radiated Emissions（2GHz～18GHz）

Radiated Spurious Emission (above 18GHz)

Radiated Spurious Emission (above 18GHz)