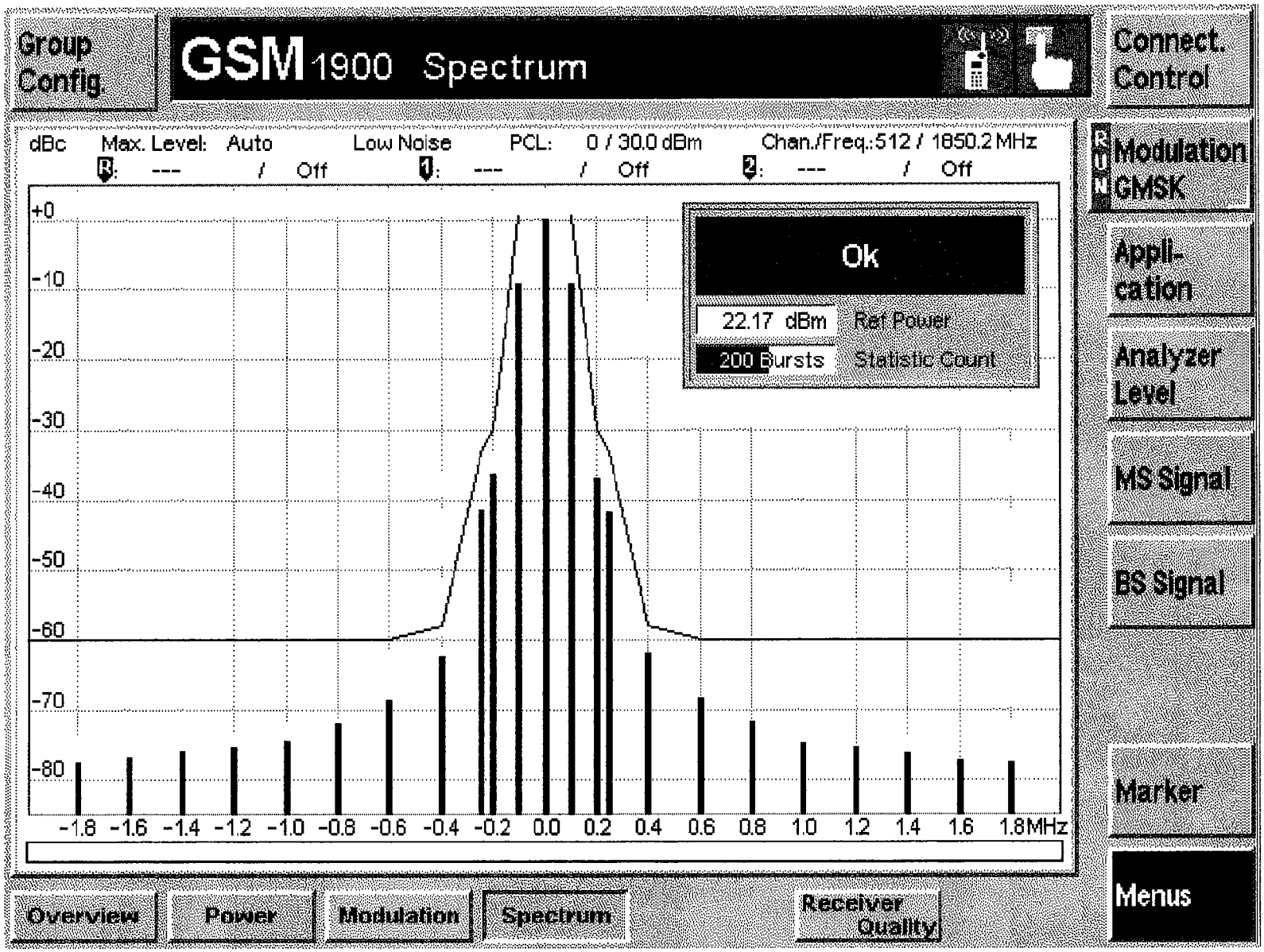
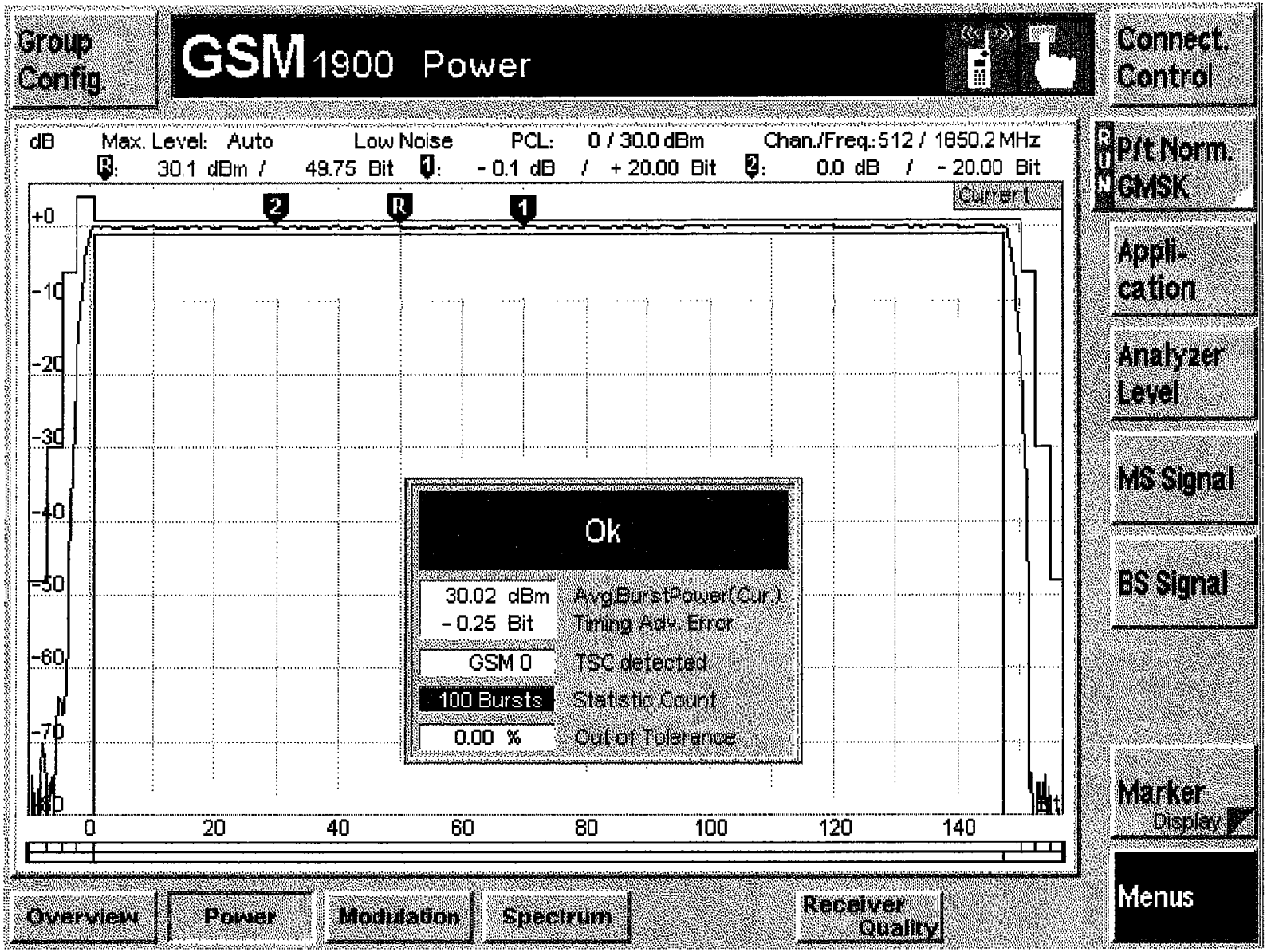
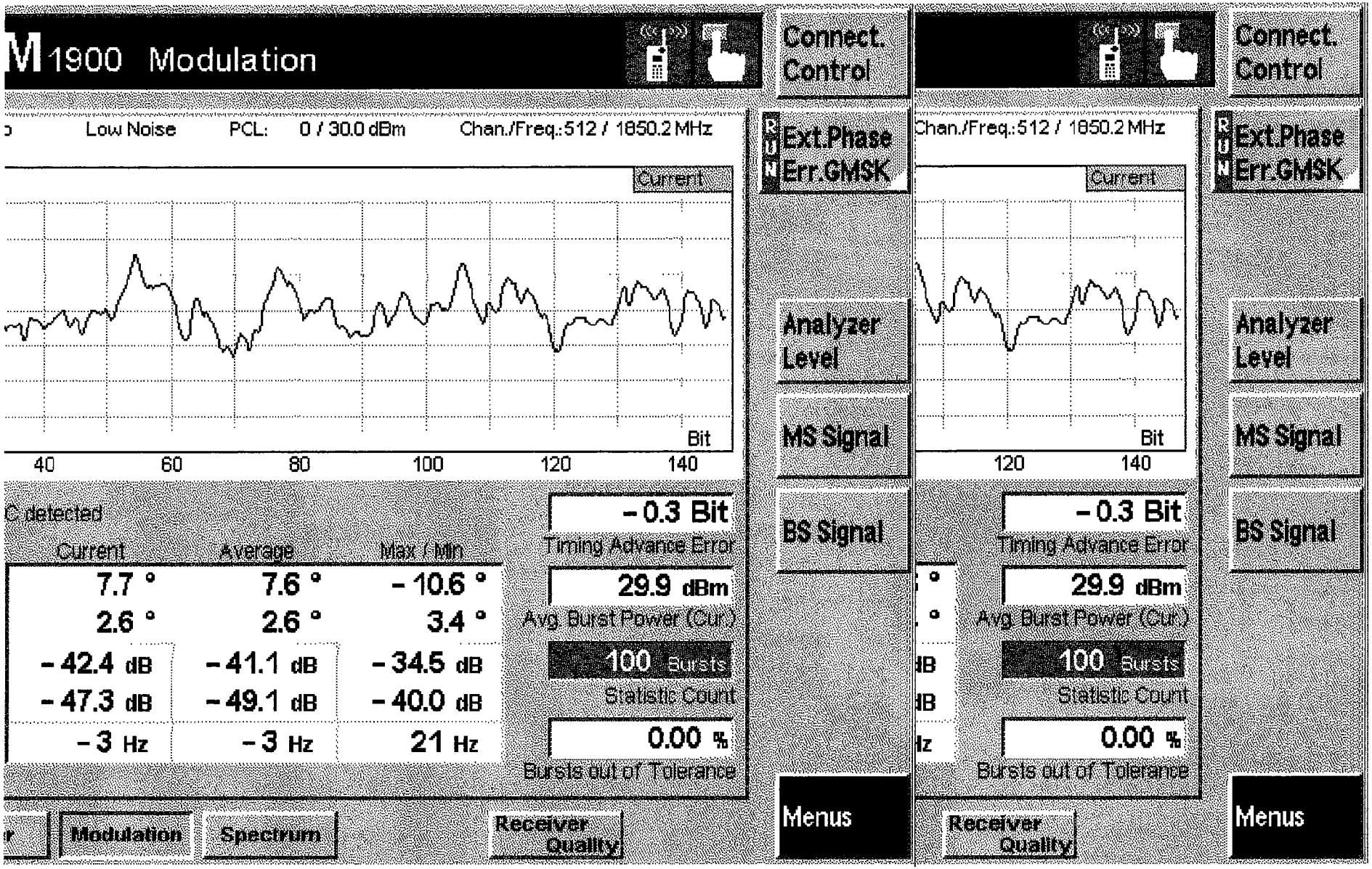
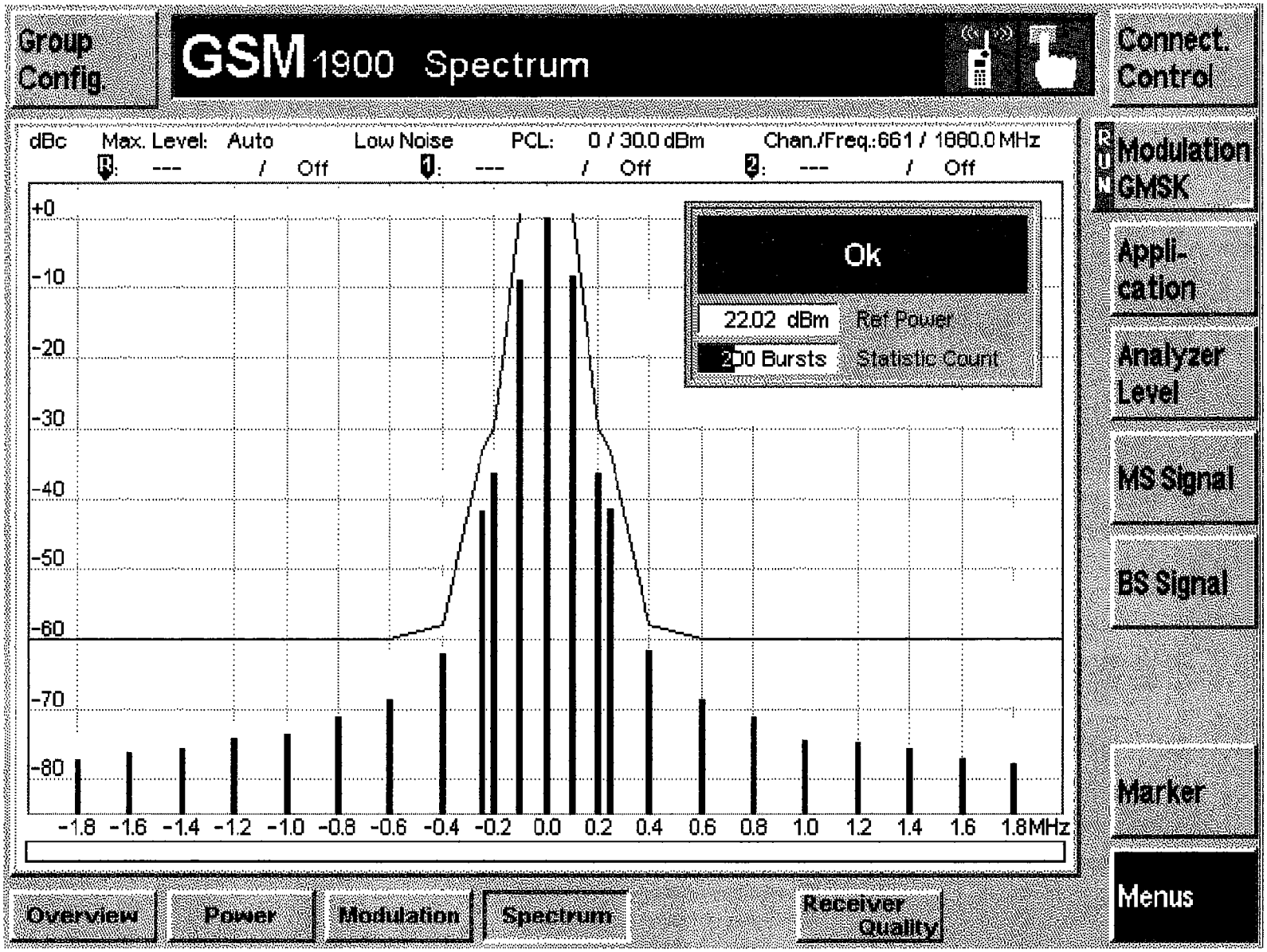
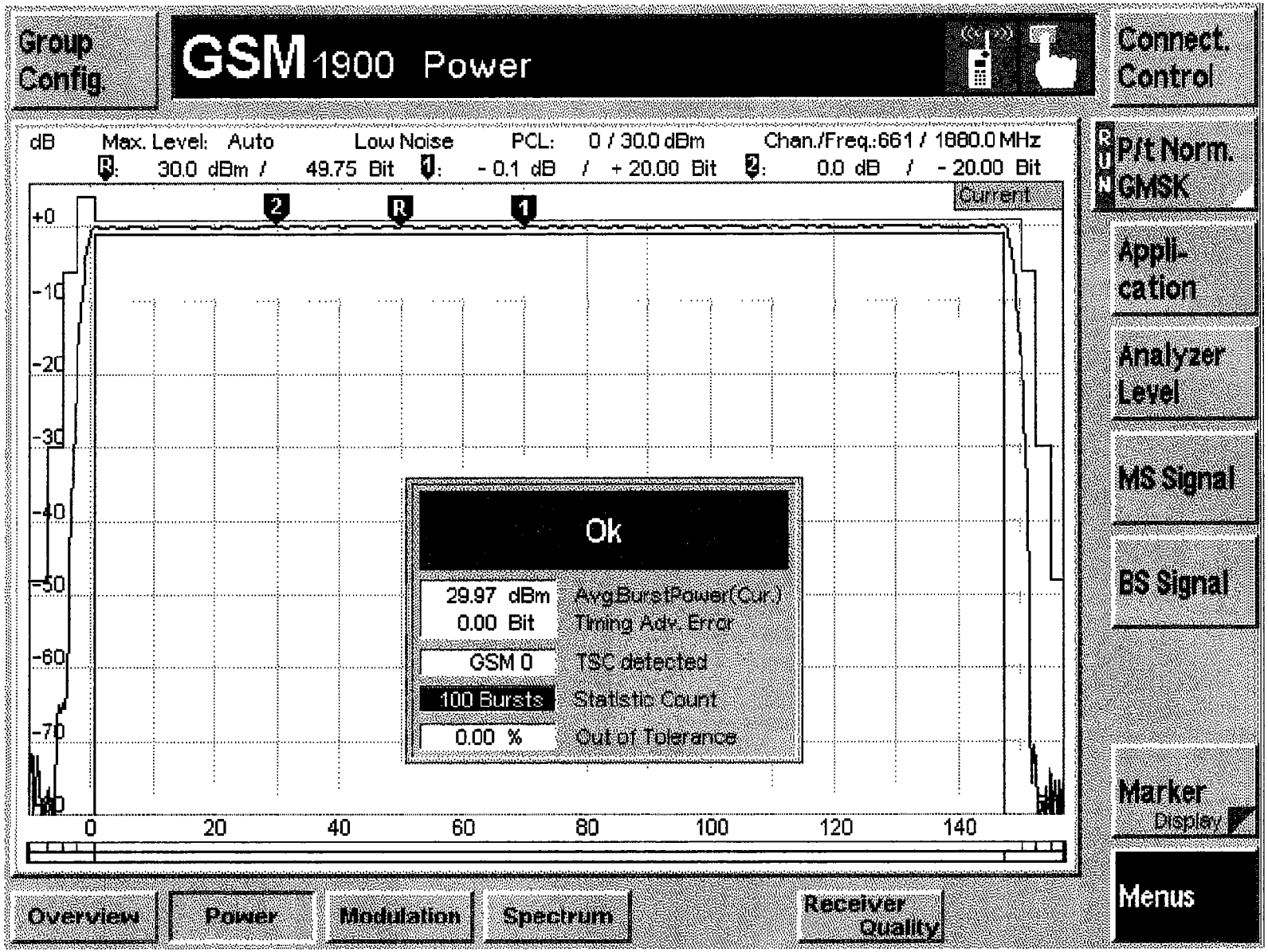
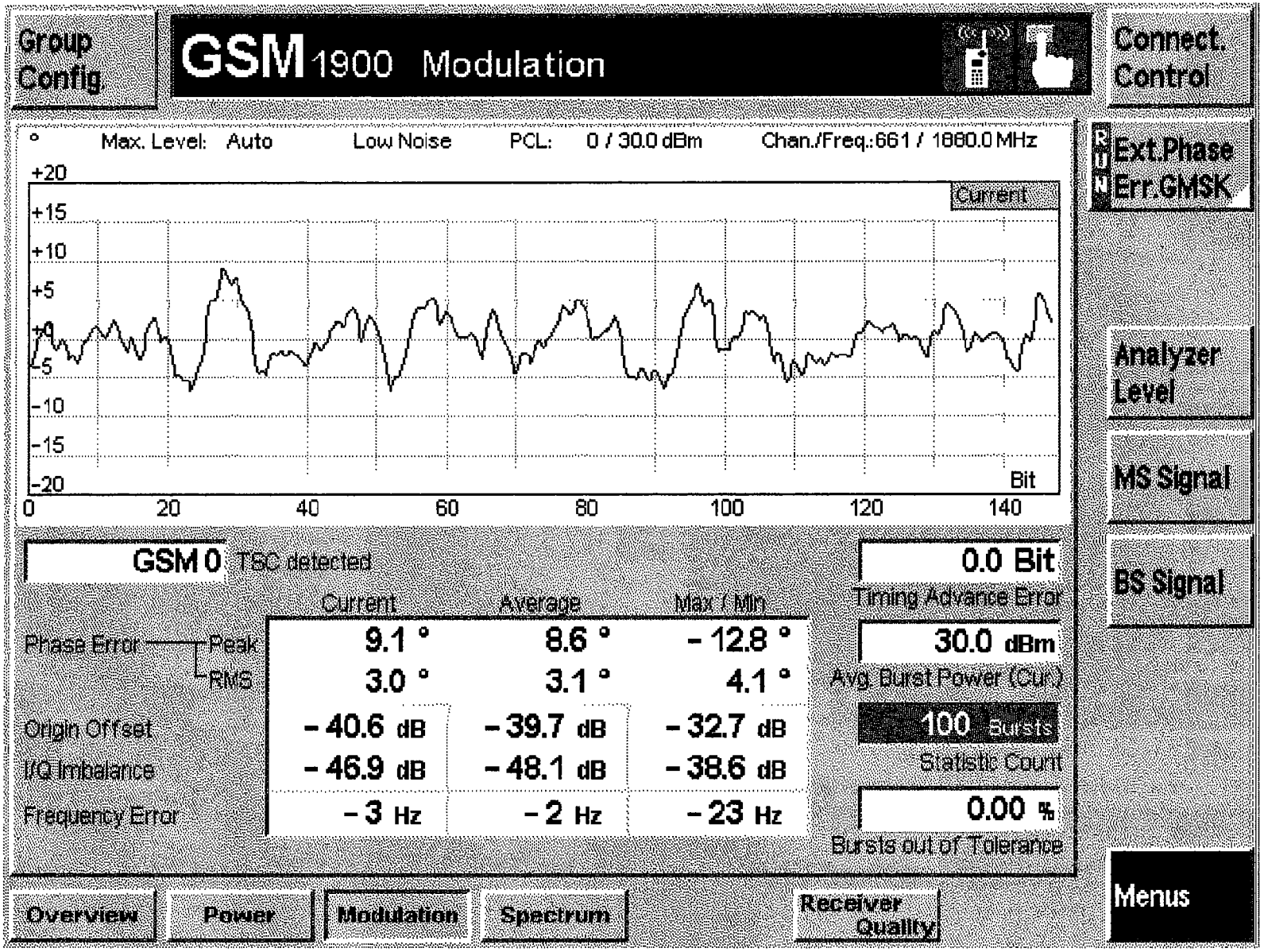

Group Config.
GSM 1900 Spectrum
Connect. Control
dBc
Max. Level: Auto
Low Noise
PCL: 0 / 30.0 dBm
Chan./Freq.:512 / 1850.2 MHz
R: --- / Off
1: --- / Off
2: --- / Off
Modulation GMSK
Appli-cation
Analyzer Level
MS Signal
BS Signal
+0
-10
-20
-30
-40
-50
-60
-70
-80
Ok
22.17 dBm
Ref Power
200 Bursts
Statistic Count
-1.8 -1.6 -1.4 -1.2 -1.0 -0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8MHz
Marker
Menus
Overview
Power
Modulation
Spectrum
Receiver Quality

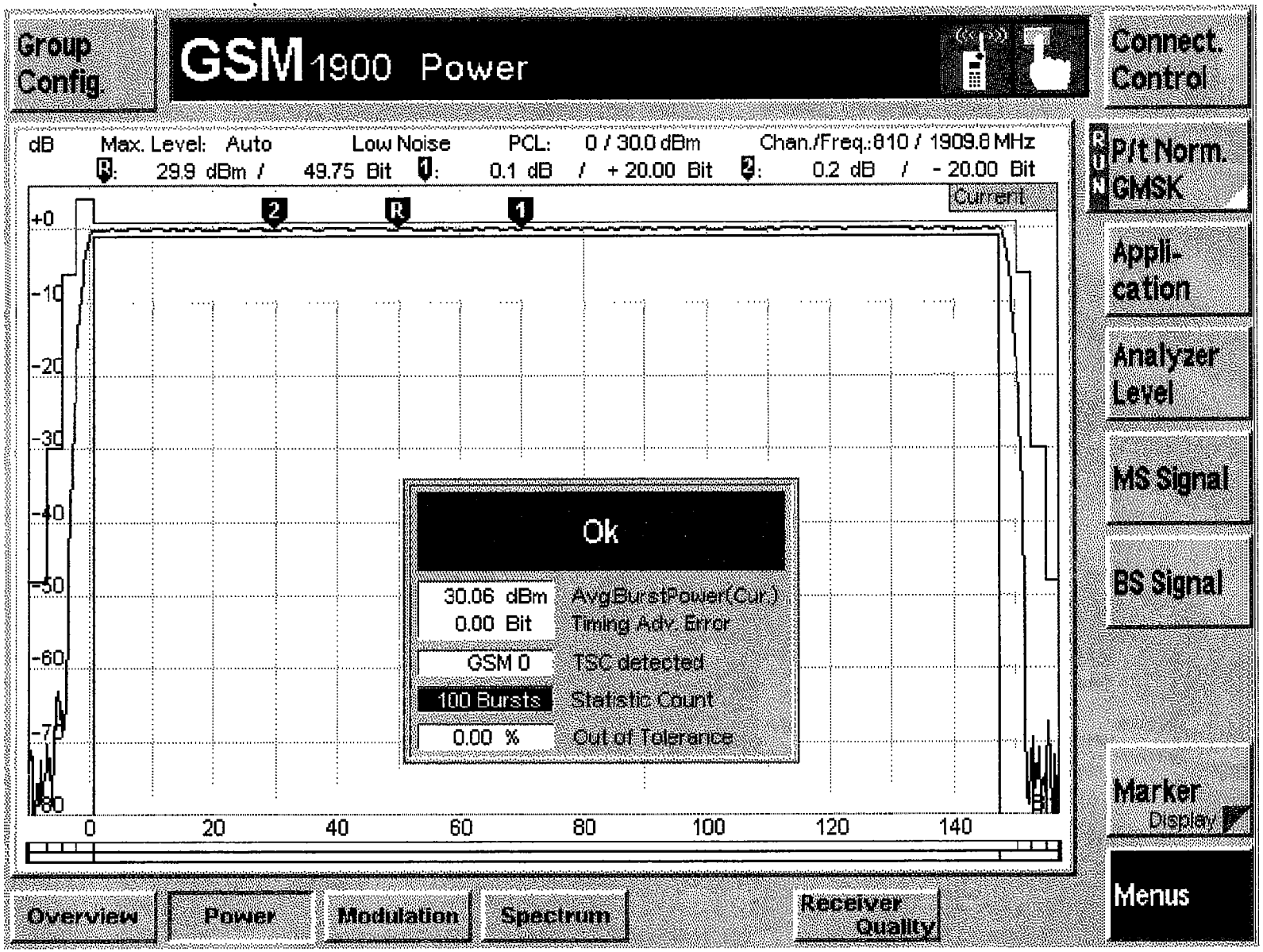

Group Config.
GSM 1900 Power
Connect. Control
dB
Max. Level: Auto
Low Noise
PCL: 0 / 30.0 dBm
Chan./Freq.: 512 / 1850.2 MHz
R: 30.1 dBm / 49.75 Bit
1: - 0.1 dB / + 20.00 Bit
2: 0.0 dB / - 20.00 Bit
Current
+0
-10
-20
-30
-40
-50
-60
-70
0
20
40
60
80
100
120
140
Bit
Ok
30.02 dBm
AvgBurstPower(Cur.)
- 0.25 Bit
Timing Adv. Error
GSM 0
TSC detected
100 Bursts
Statistic Count
0.00 %
Out of Tolerance
P/t Norm. GMSK
Appli-cation
Analyzer Level
MS Signal
BS Signal
Marker Display
Menus
Overview
Power
Modulation
Spectrum
Receiver Quality

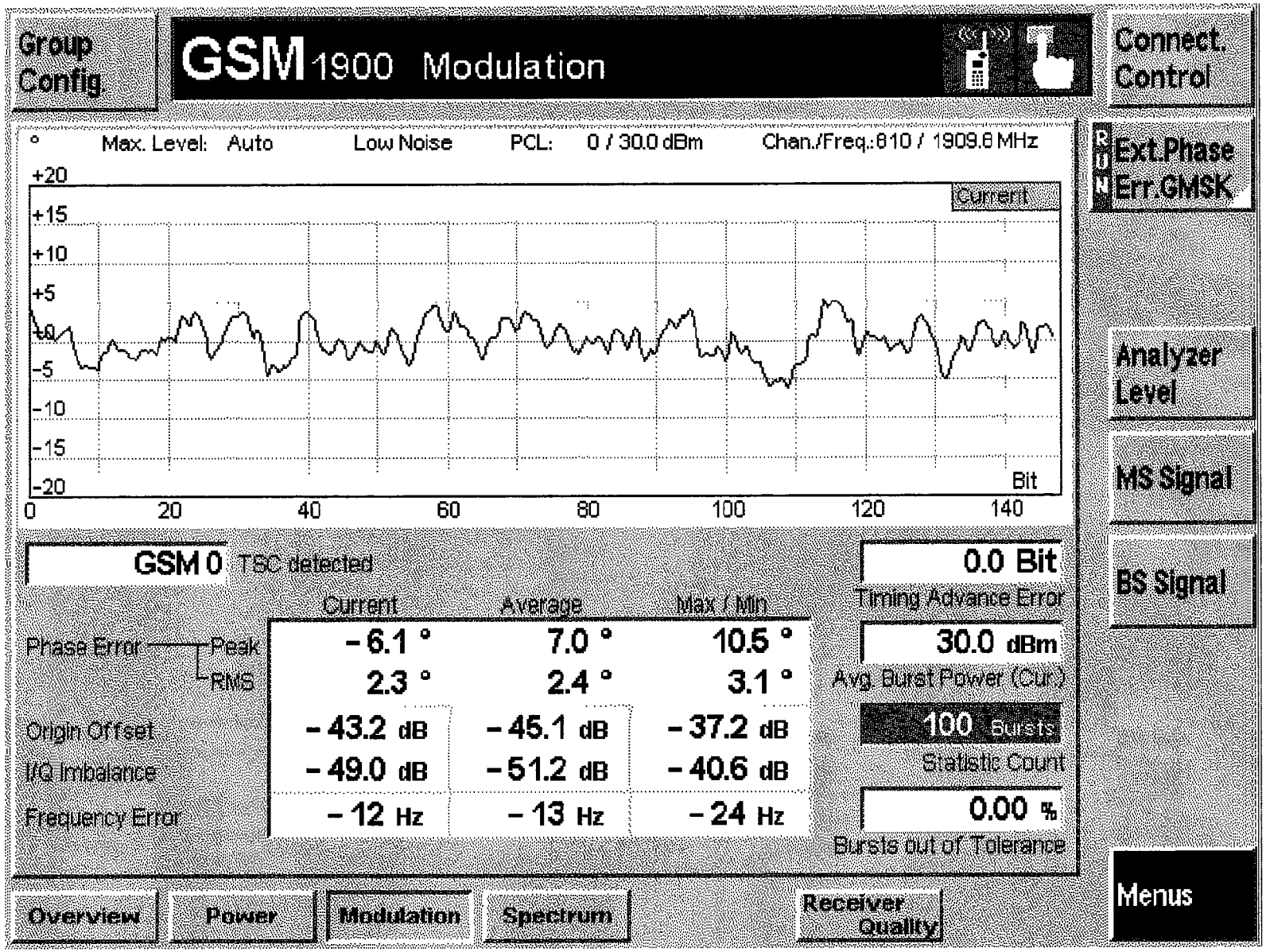

M1900 Modulation
Connect. Control
Low Noise
PCL: 0 / 30.0 dBm
Chan./Freq.:512 / 1850.2 MHz
Ext.Phase Err.GMSK
Current
Bit
40
60
80
100
120
140
Analyzer Level
MS Signal
BS Signal
C detected
Current
Average
Max (Min
7.7 °
7.6 °
- 10.6 °
2.6 °
2.6 °
3.4 °
- 42.4 dB
- 41.1 dB
- 34.5 dB
- 47.3 dB
- 49.1 dB
- 40.0 dB
- 3 Hz
- 3 Hz
21 Hz
- 0.3 Bit
Timing Advance Error
29.9 dBm
Avg. Burst Power (Cur.)
100 Bursts
Statistic Count
0.00 %
Bursts out of Tolerance
Menus
Modulation
Spectrum
Receiver Quality
Chan./Freq.:512 / 1850.2 MHz
Ext.Phase Err.GMSK
Current
Bit
120
140
Analyzer Level
MS Signal
BS Signal
- 0.3 Bit
Timing Advance Error
29.9 dBm
Avg. Burst Power (Cur.)
100 Bursts
Statistic Count
0.00 %
Bursts out of Tolerance
Menus
Receiver Quality

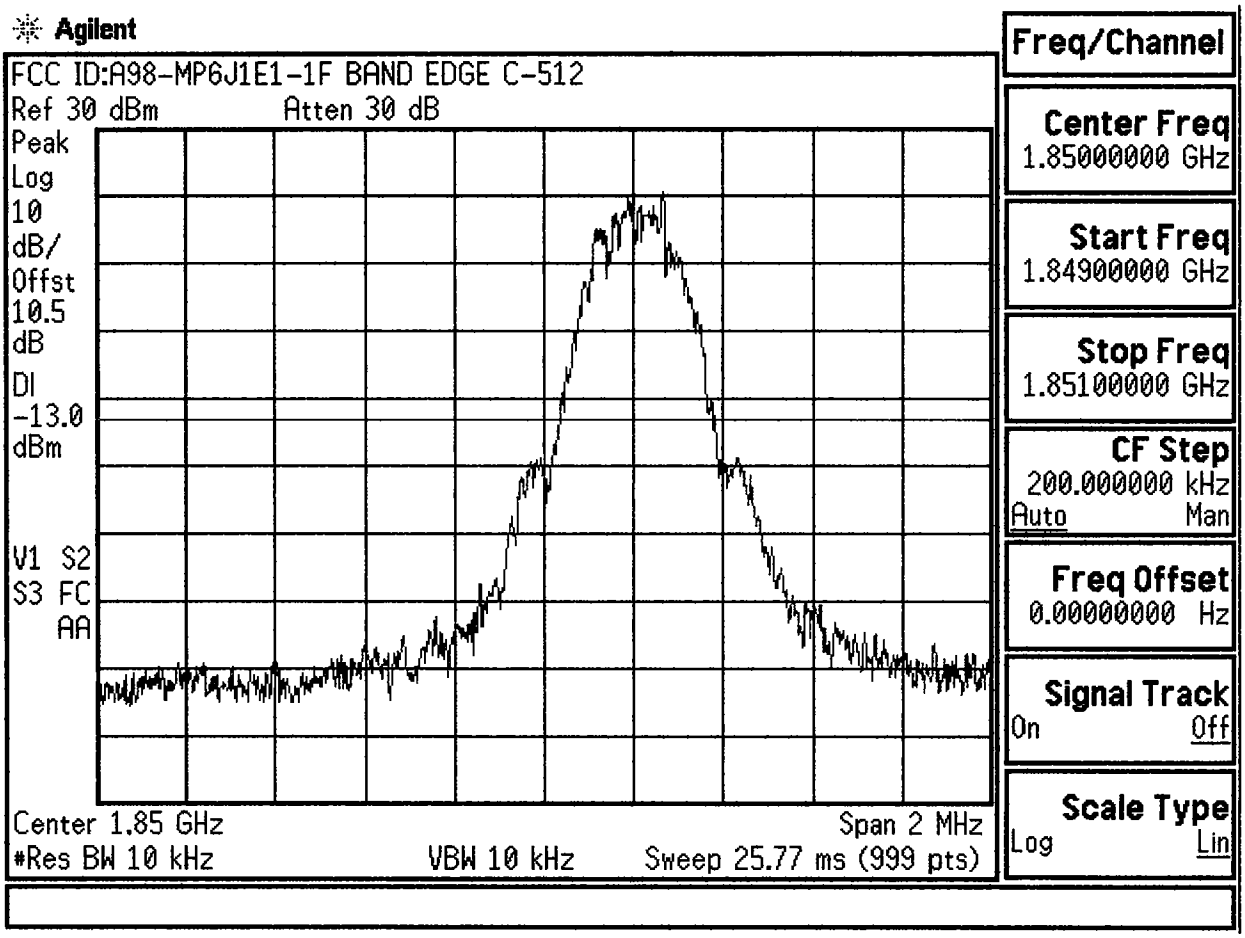

Group Config.
GSM 1900 Spectrum
Connect. Control
dBc
Max. Level: Auto
Low Noise
PCL: 0 / 30.0 dBm
Chan./Freq.:661 / 1880.0 MHz
R: --- / Off
1: --- / Off
2: --- / Off
Modulation GMSK
Appli-cation
Analyzer Level
MS Signal
BS Signal
Marker
Menus
+0
-10
-20
-30
-40
-50
-60
-70
-80
Ok
22.02 dBm
Ref Power
200 Bursts
Statistic Count
-1.8 -1.6 -1.4 -1.2 -1.0 -0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8MHz
Overview
Power
Modulation
Spectrum
Receiver Quality

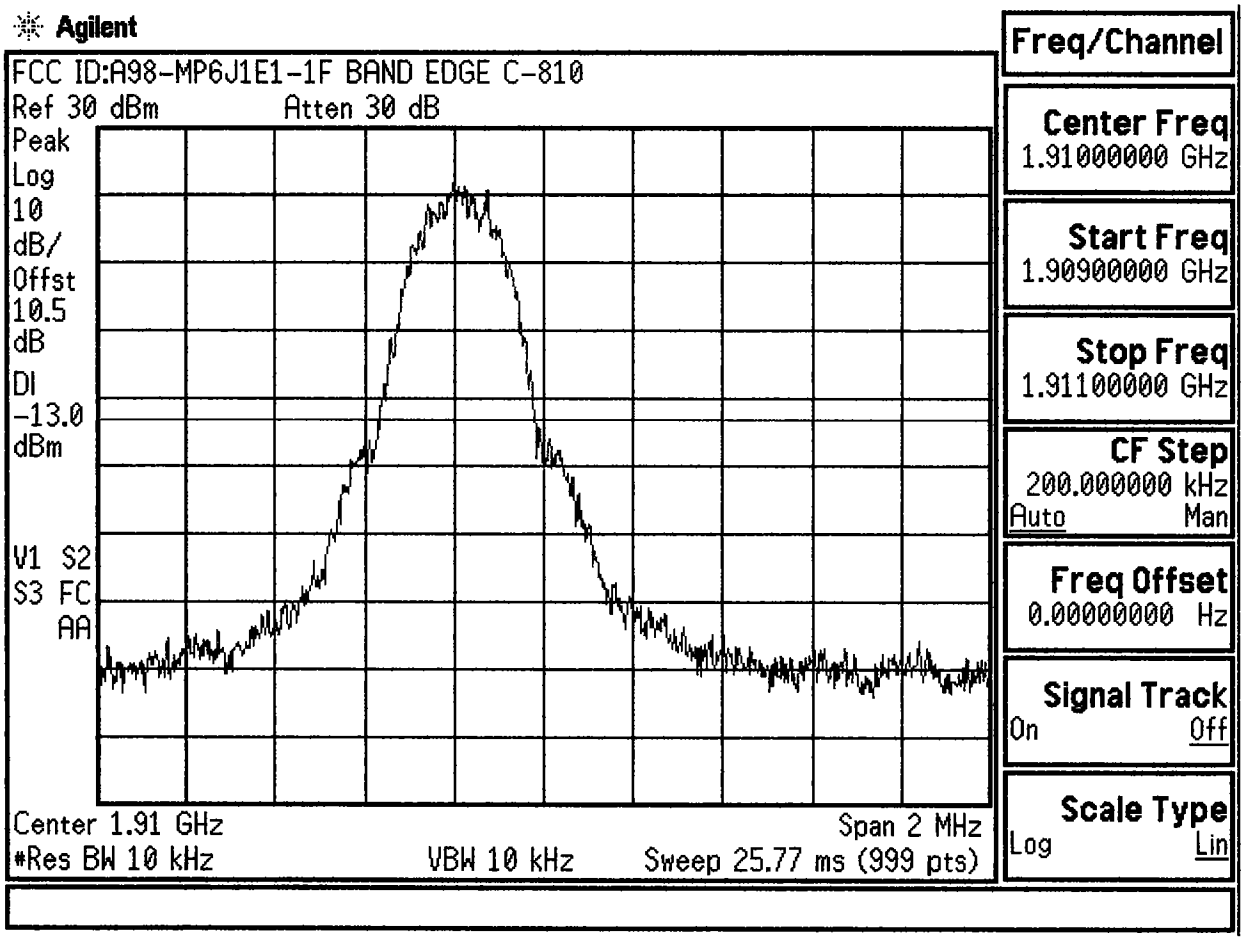

Group Config.
GSM 1900 Power
Connect. Control
dB
Max. Level: Auto
Low Noise
PCL: 0 / 30.0 dBm
Chan./Freq.:661 / 1880.0 MHz
R: 30.0 dBm / 49.75 Bit
1: - 0.1 dB / + 20.00 Bit
2: 0.0 dB / - 20.00 Bit
Current
+0
-10
-20
-30
-40
-50
-60
-70
0
20
40
60
80
100
120
140
Ok
29.97 dBm
AvgBurstPower(Cur.)
0.00 Bit
Timing Adv. Error
GSM 0
TSC detected
100 Bursts
Statistic Count
0.00 %
Out of Tolerance
RUN
P/t Norm. GMSK
Appli-cation
Analyzer Level
MS Signal
BS Signal
Marker Display
Menus
Overview
Power
Modulation
Spectrum
Receiver Quality

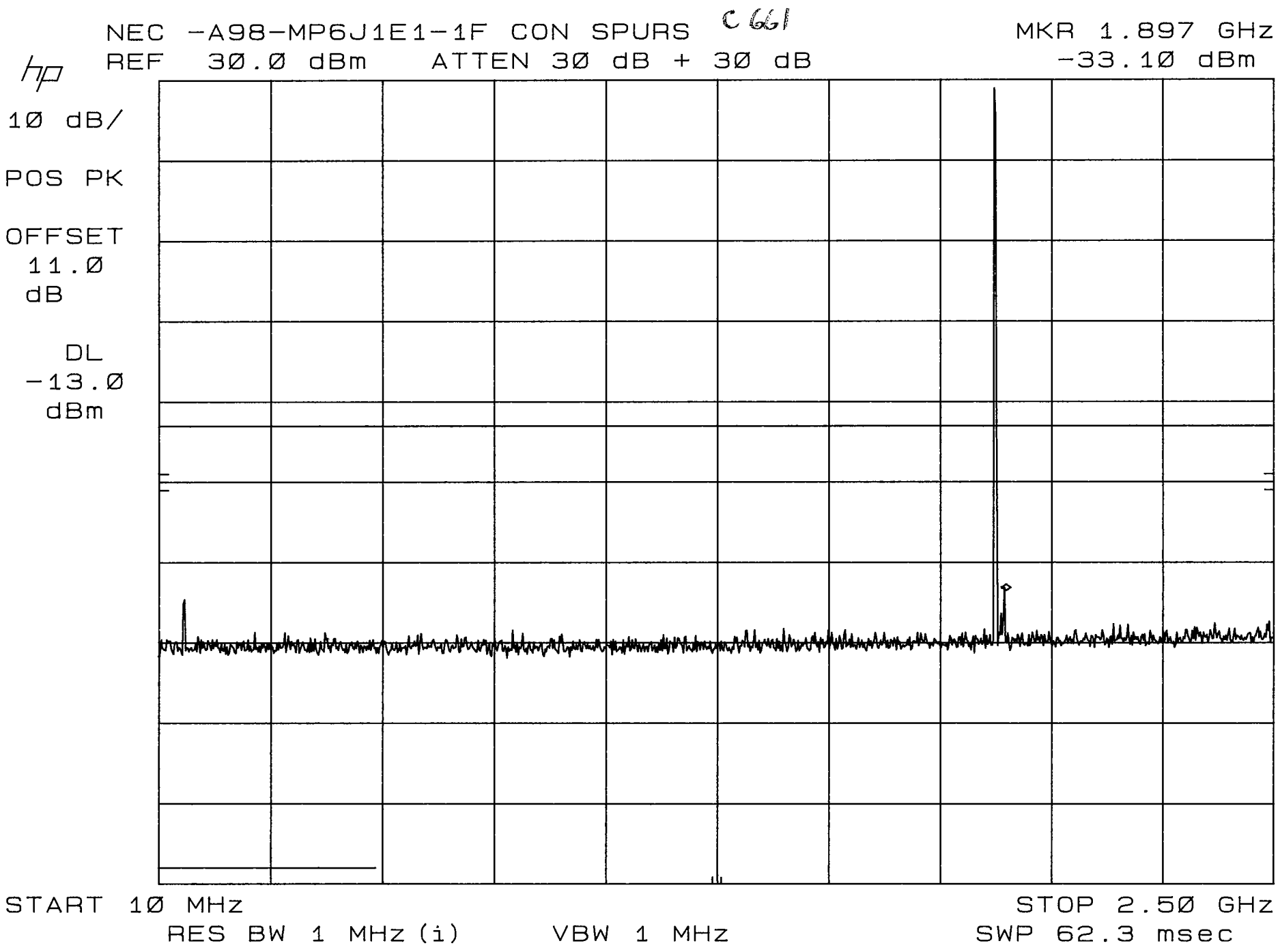

Group Config.
GSM 1900 Modulation
Connect. Control
Max. Level: Auto
Low Noise
PCL: 0 / 30.0 dBm
Chan./Freq.: 661 / 1880.0 MHz
Current
+20
+15
+10
+5
-5
-10
-15
-20
Bit
0
20
40
60
80
100
120
140
Ext.Phase Err.GMSK
Analyzer Level
MS Signal
BS Signal
GSM 0
TSC detected
0.0 Bit
Timing Advance Error
Current
Average
Max / Min
Phase Error
Peak
RMS
9.1 °
8.6 °
-12.8 °
3.0 °
3.1 °
4.1 °
30.0 dBm
Avg. Burst Power (Cur.)
Origin Offset
-40.6 dB
-39.7 dB
-32.7 dB
100 Bursts
Statistic Count
I/Q Imbalance
-46.9 dB
-48.1 dB
-38.6 dB
Frequency Error
-3 Hz
-2 Hz
-23 Hz
0.00 %
Bursts out of Tolerance
Overview
Power
Modulation
Spectrum
Receiver Quality
Menus

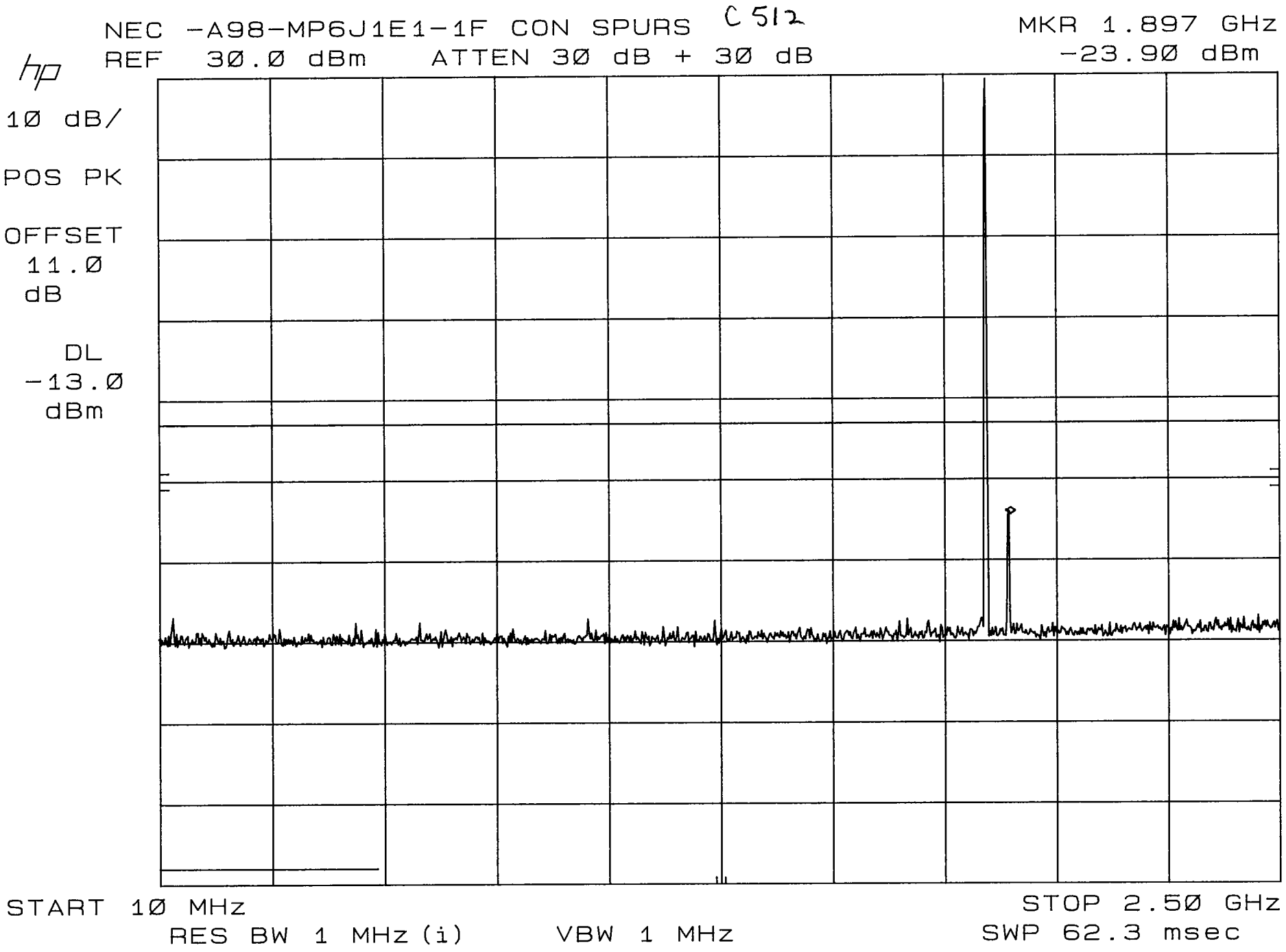

Group Config
GSM 1900 Power
Connect. Control
dB
Max. Level: Auto
Low Noise
PCL: 0 / 30.0 dBm
Chan./Freq.: 810 / 1909.8 MHz
R: 29.9 dBm / 49.75 Bit
1: 0.1 dB / + 20.00 Bit
2: 0.2 dB / - 20.00 Bit
Current
P/t Norm. GMSK
Appli-cation
Analyzer Level
MS Signal
BS Signal
+0
-10
-20
-30
-40
-50
-60
-70
-80
0
20
40
60
80
100
120
140
Ok
30.06 dBm
AvgBurstPower(Cur.)
0.00 Bit
Timing Adv. Error
GSM 0
TSC detected
100 Bursts
Statistic Count
0.00 %
Out of Tolerance
Marker
Display
Menus
Overview
Power
Modulation
Spectrum
Receiver Quality

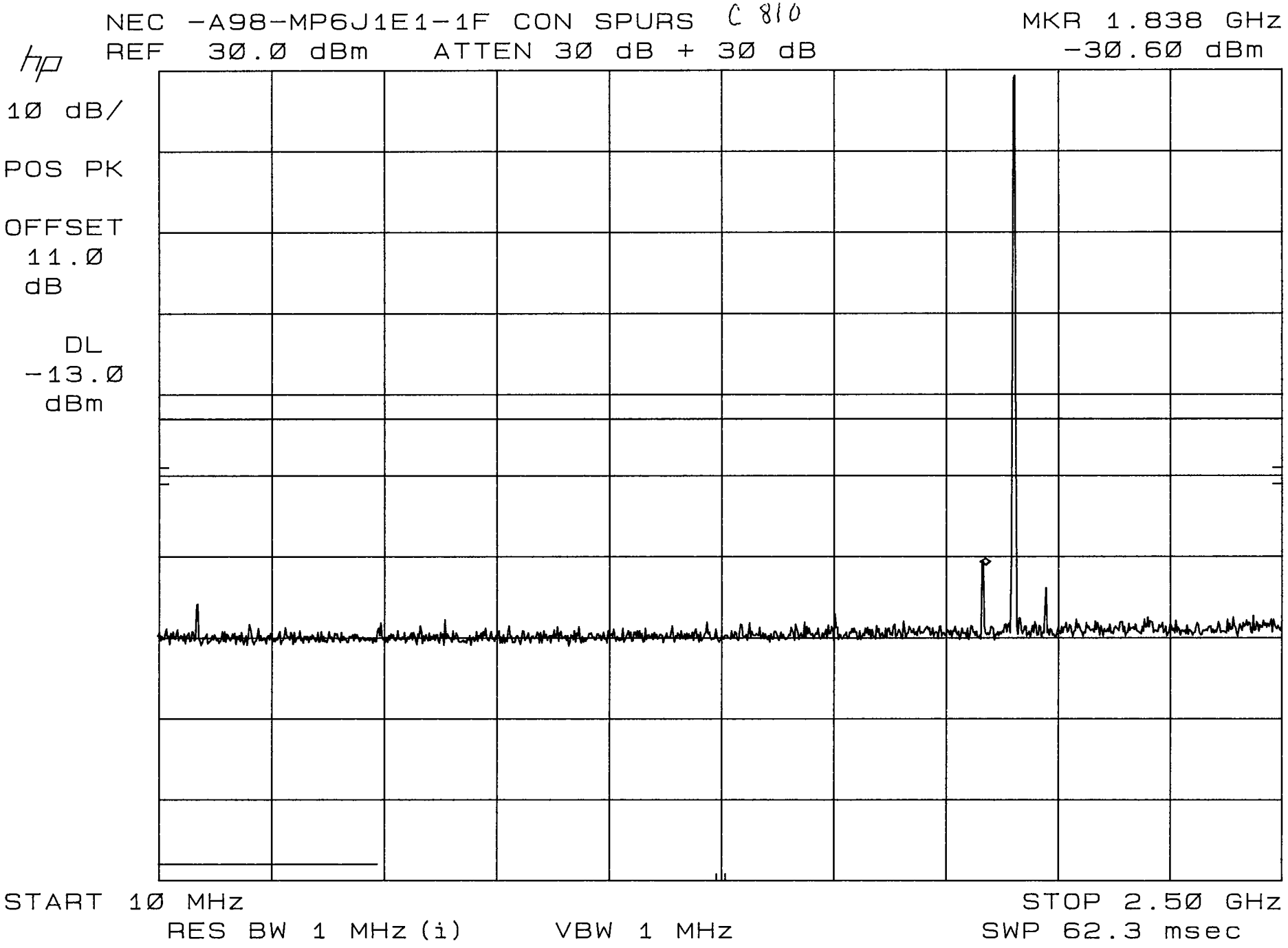

Group Config.
GSM 1900 Modulation
Connect. Control
Max. Level: Auto
Low Noise
PCL: 0 / 30.0 dBm
Chan./Freq.: 810 / 1909.6 MHz
RUN
Ext.Phase Err.GMSK
Current
+20
+15
+10
+5
-5
-10
-15
-20
Bit
0
20
40
60
80
100
120
140
Analyzer Level
MS Signal
BS Signal
GSM 0
TSC detected
0.0 Bit
Timing Advance Error
Current
Average
Max / Min
Phase Error
Peak
RMS
-6.1 °
7.0 °
10.5 °
2.3 °
2.4 °
3.1 °
Origin Offset
-43.2 dB
-45.1 dB
-37.2 dB
I/Q Imbalance
-49.0 dB
-51.2 dB
-40.6 dB
Frequency Error
-12 Hz
-13 Hz
-24 Hz
30.0 dBm
Avg. Burst Power (Cur.)
100 Bursts
Statistic Count
0.00 %
Bursts out of Tolerance
Menus
Overview
Power
Modulation
Spectrum
Receiver Quality

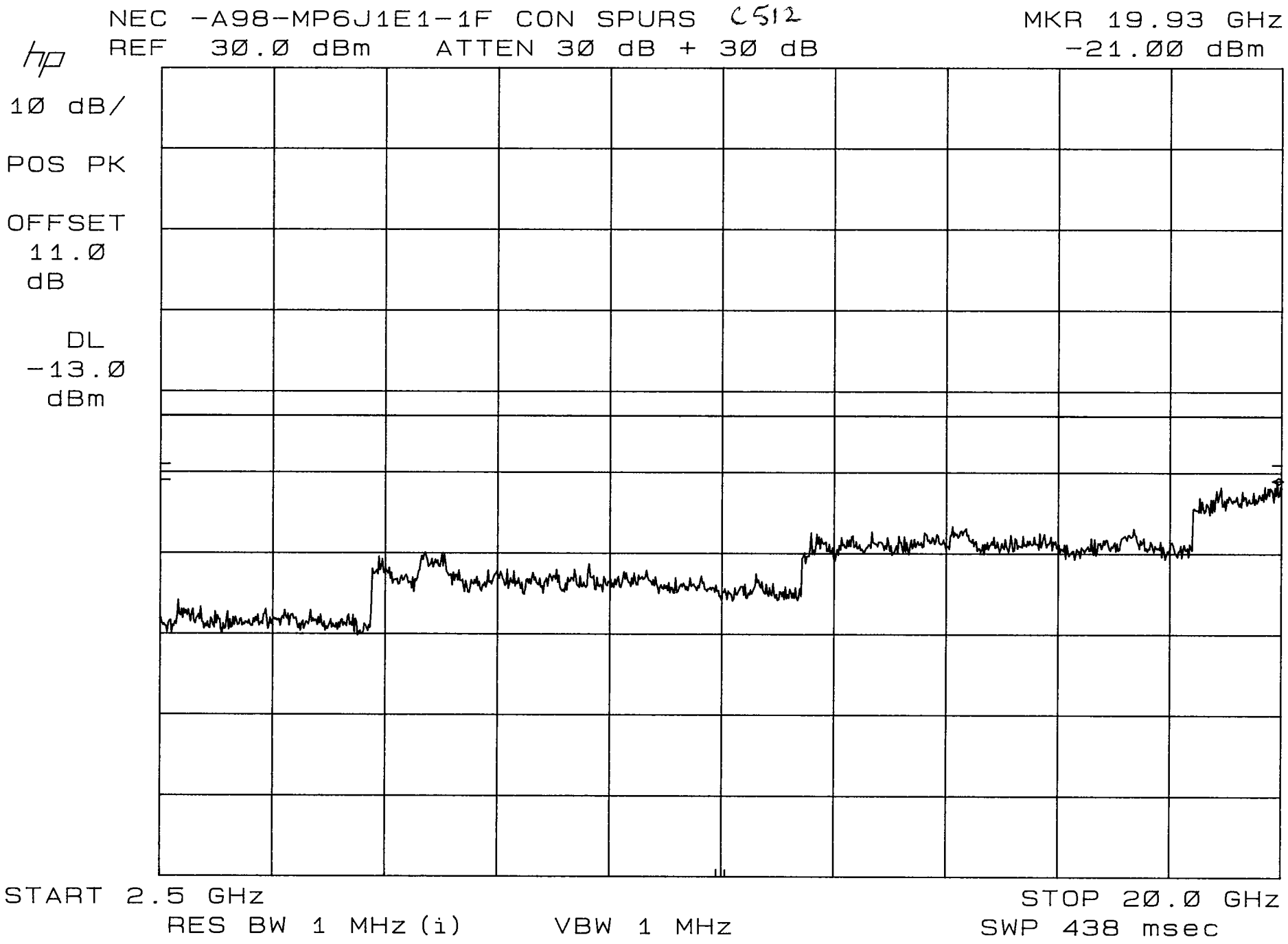

Agilent
FCC ID:A98-MP6J1E1-1F BAND EDGE C-512
Ref 30 dBm
Atten 30 dB
Peak
Log
10
dB/
Offst
10.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.85 GHz
Span 2 MHz
#Res BW 10 kHz
VBW 10 kHz
Sweep 25.77 ms (999 pts)
Freq/Channel
Center Freq
1.85000000 GHz
Start Freq
1.84900000 GHz
Stop Freq
1.85100000 GHz
CF Step
200.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

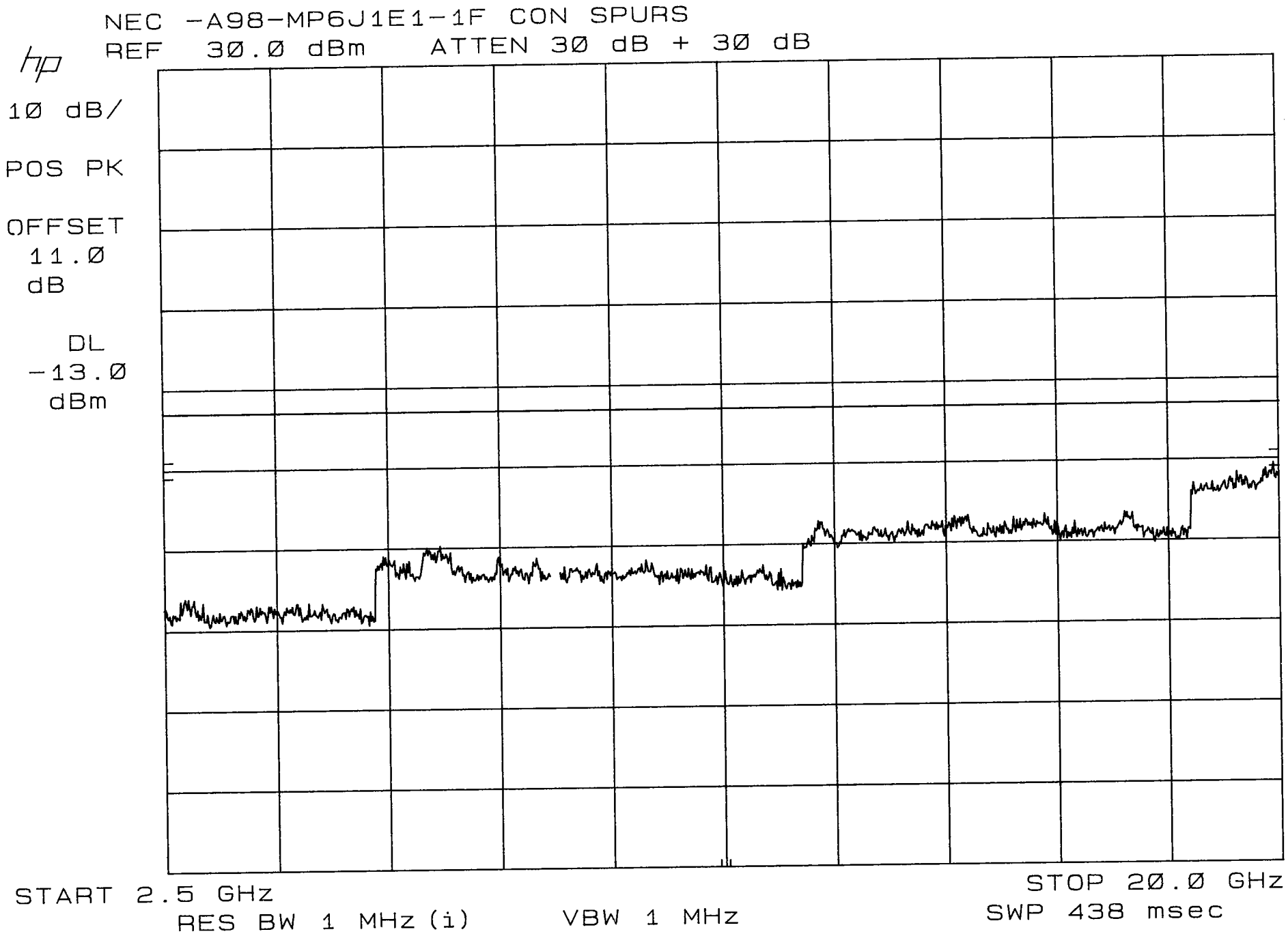

Agilent
FCC ID:A98-MP6J1E1-1F BAND EDGE C-810
Ref 30 dBm
Atten 30 dB
Peak
Log
10
dB/
Offst
10.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.91 GHz
Span 2 MHz
#Res BW 10 kHz
VBW 10 kHz
Sweep 25.77 ms (999 pts)
Freq/Channel
Center Freq
1.91000000 GHz
Start Freq
1.90900000 GHz
Stop Freq
1.91100000 GHz
CF Step
200.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

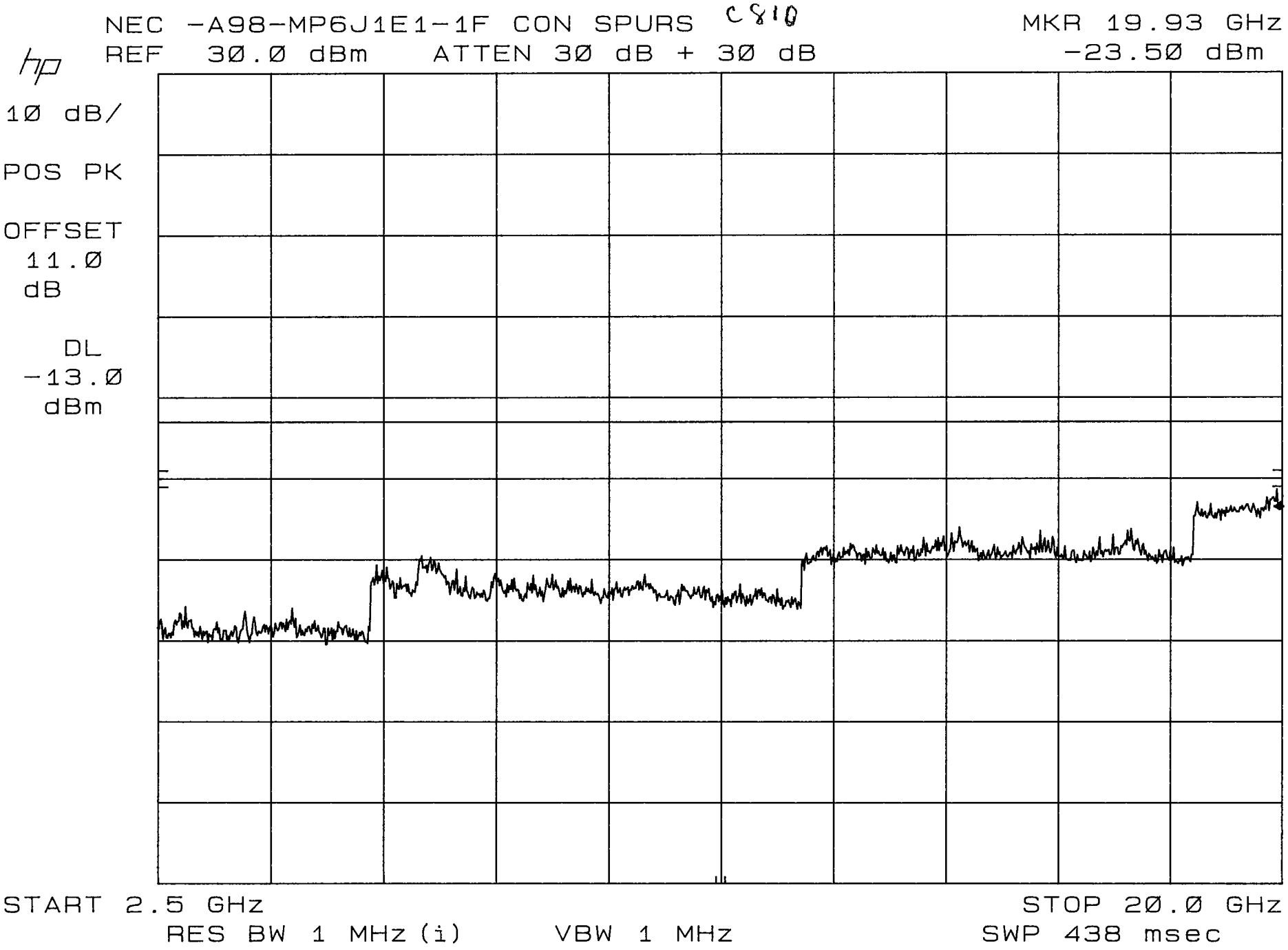

NEC -A98-MP6J1E1-1F CON SPURS C61
MKR 1.897 GHz
REF 30.0 dBm ATTEN 30 dB + 30 dB
-33.10 dBm
10 dB/
POS PK
OFFSET
11.0
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz (i)
VBW 1 MHz
SWP 62.3 msec

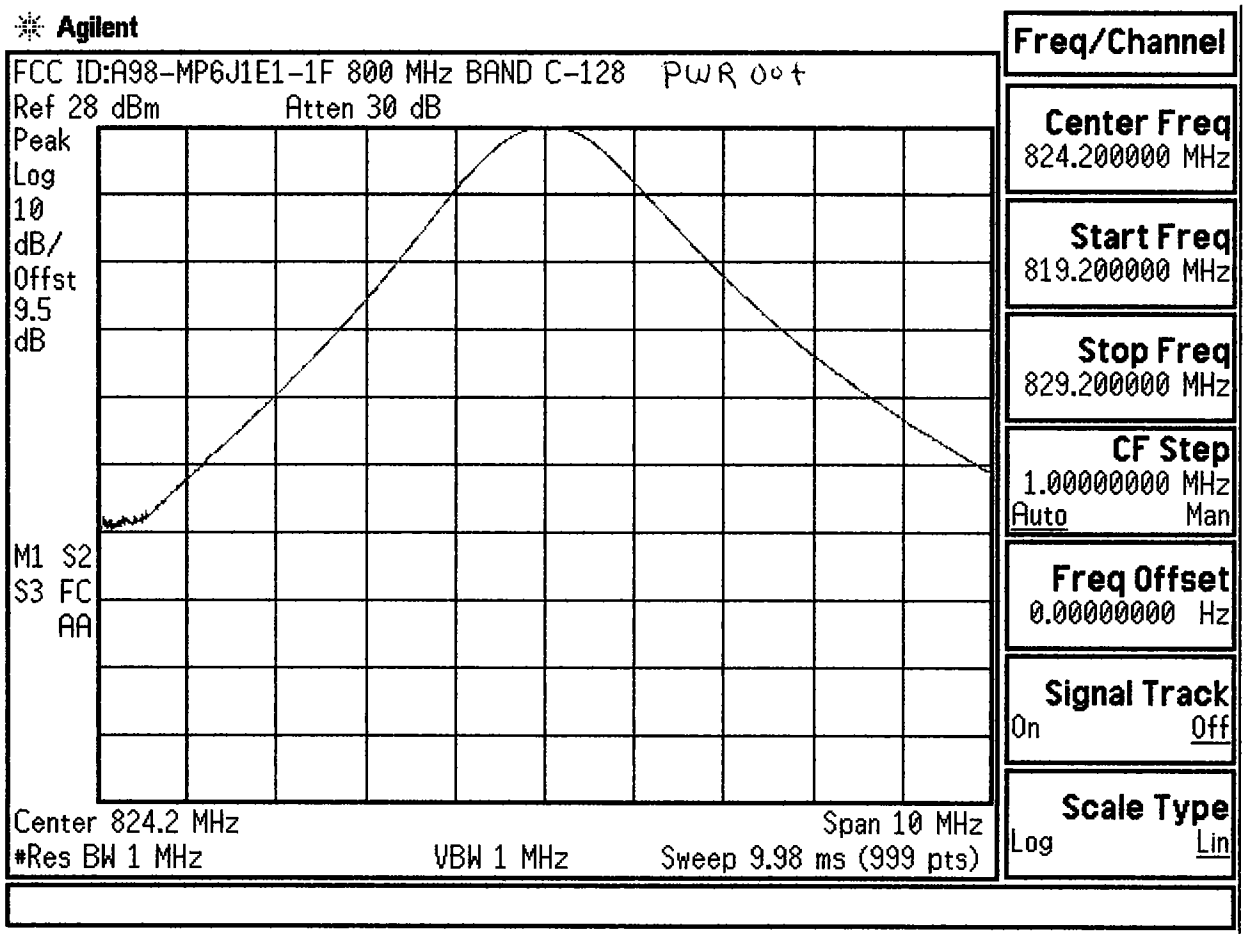

NEC -A98-MP6J1E1-1F CON SPURS C512
REF 30.0 dBm ATTEN 30 dB + 30 dB
MKR 1.897 GHz
-23.90 dBm
10 dB/
POS PK
OFFSET
11.0
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz (i)
VBW 1 MHz
SWP 62.3 msec

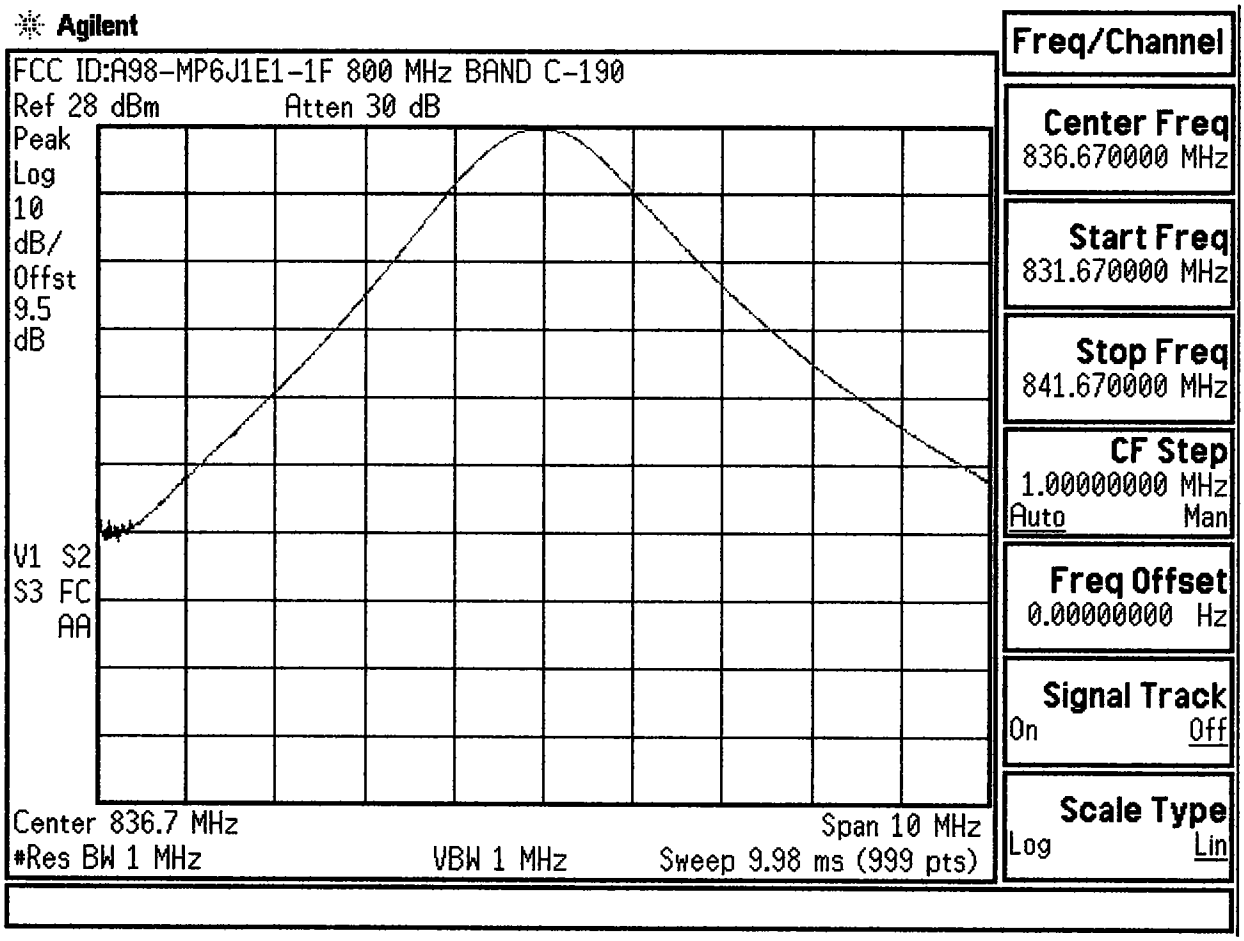

NEC -A98-MP6J1E1-1F CON SPURS C 810
MKR 1.838 GHz
REF 30.0 dBm
ATTEN 30 dB + 30 dB
-30.60 dBm
10 dB/
POS PK
OFFSET
11.0
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz (i)
VBW 1 MHz
SWP 62.3 msec

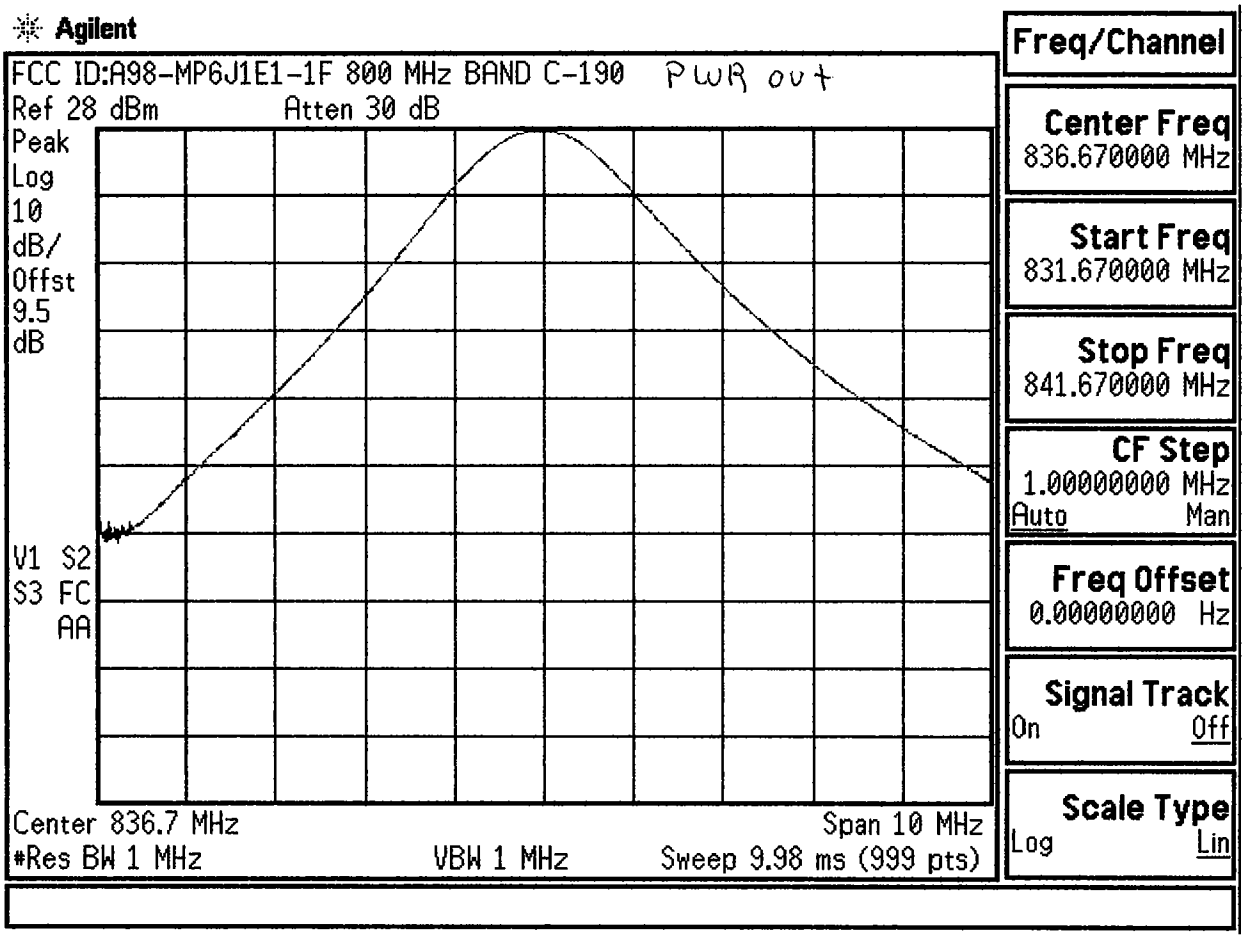

NEC -A98-MP6J1E1-1F CON SPURS C512
MKR 19.93 GHz
REF 30.0 dBm
ATTEN 30 dB + 30 dB
-21.00 dBm
10 dB/
POS PK
OFFSET
11.0
dB
DL
-13.0
dBm
START 2.5 GHz
STOP 20.0 GHz
RES BW 1 MHz (i)
VBW 1 MHz
SWP 438 msec

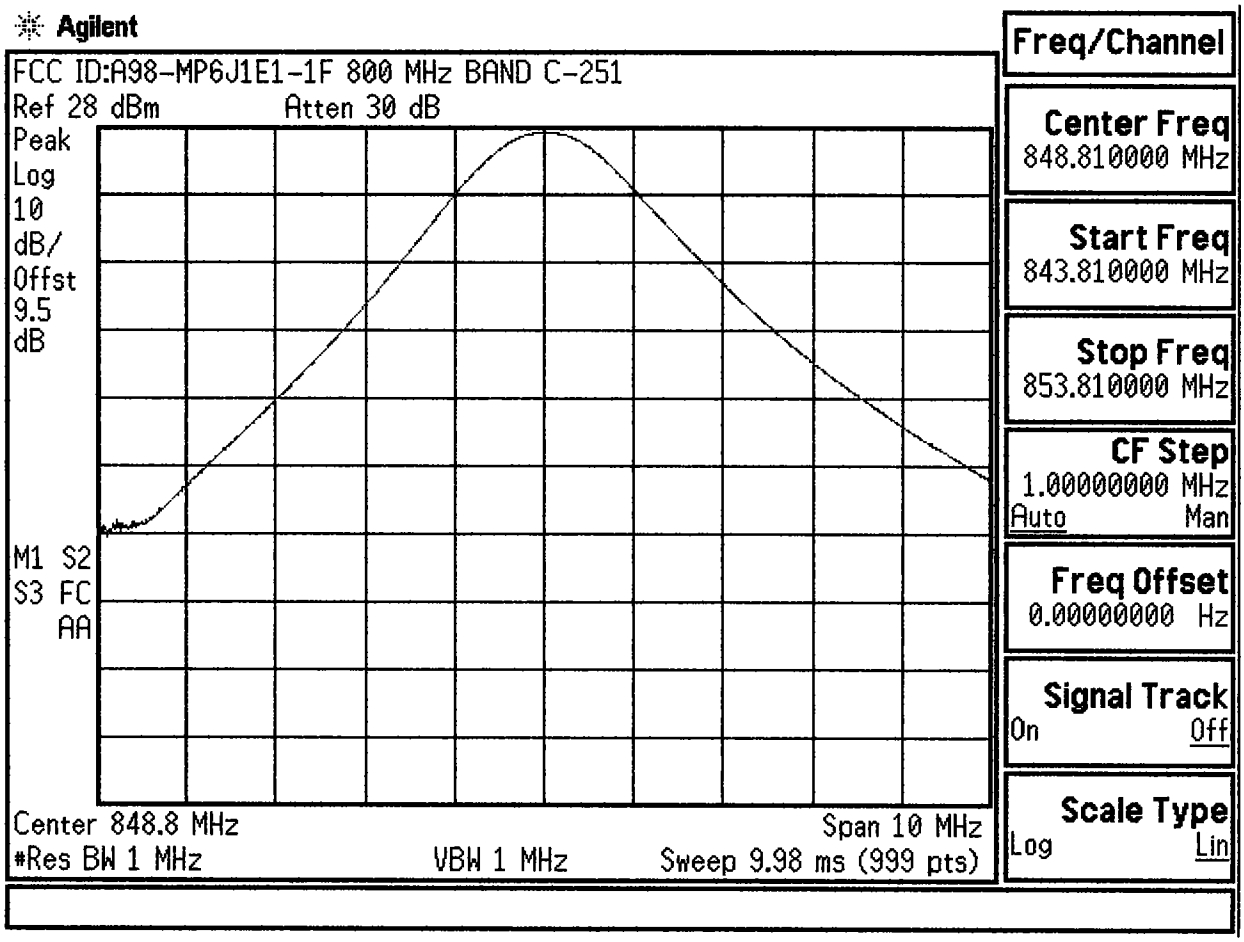

NEC -A98-MP6J1E1-1F CON SPURS
REF 30.0 dBm ATTEN 30 dB + 30 dB
10 dB/
POS PK
OFFSET
11.0
dB
DL
-13.0
dBm
START 2.5 GHz
RES BW 1 MHz (i)
VBW 1 MHz
STOP 20.0 GHz
SWP 438 msec

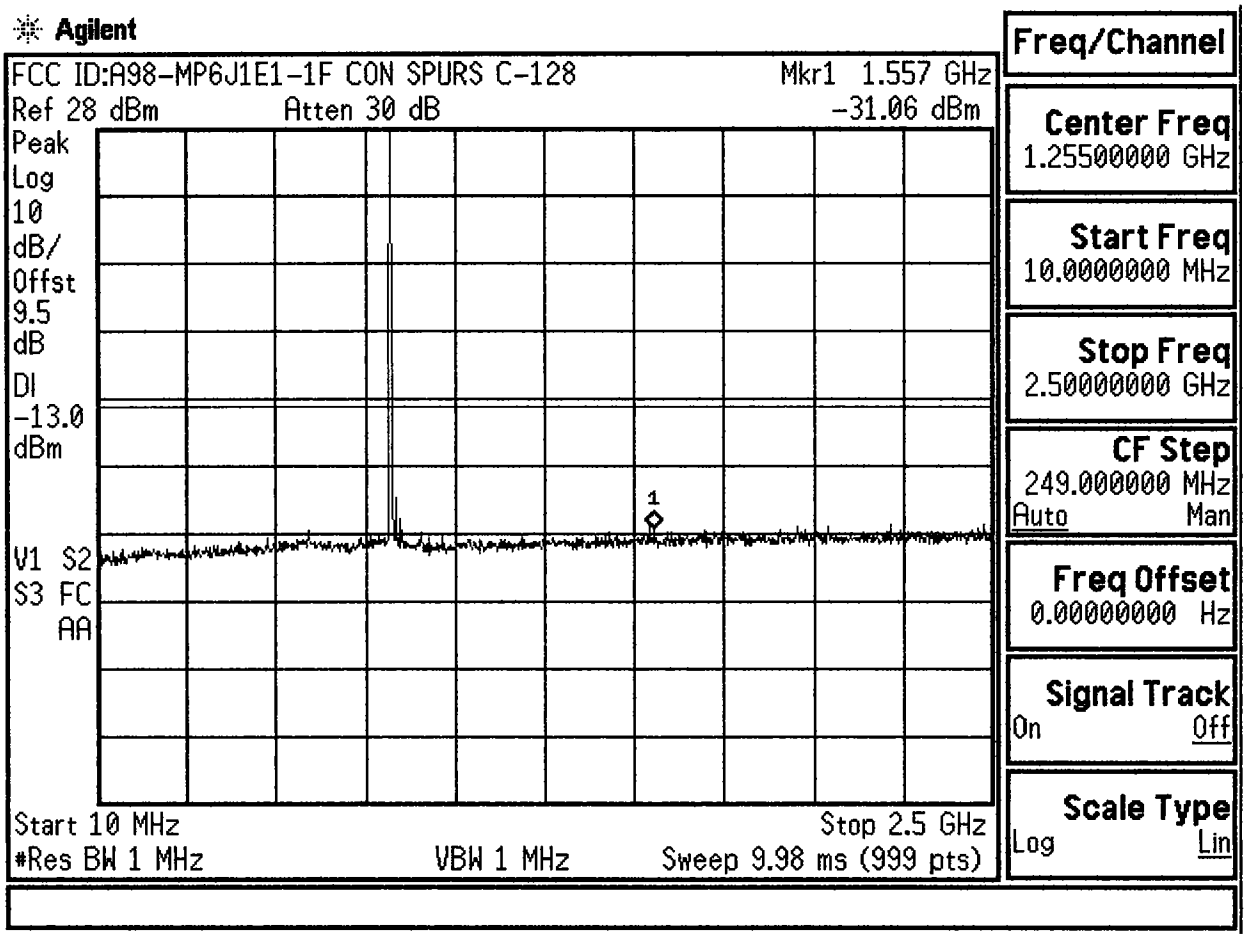

NEC -A98-MP6J1E1-1F CON SPURS C810
MKR 19.93 GHz
REF 30.0 dBm
ATTEN 30 dB + 30 dB
-23.50 dBm
10 dB/
POS PK
OFFSET
11.0
dB
DL
-13.0
dBm
START 2.5 GHz
STOP 20.0 GHz
RES BW 1 MHz (i)
VBW 1 MHz
SWP 438 msec

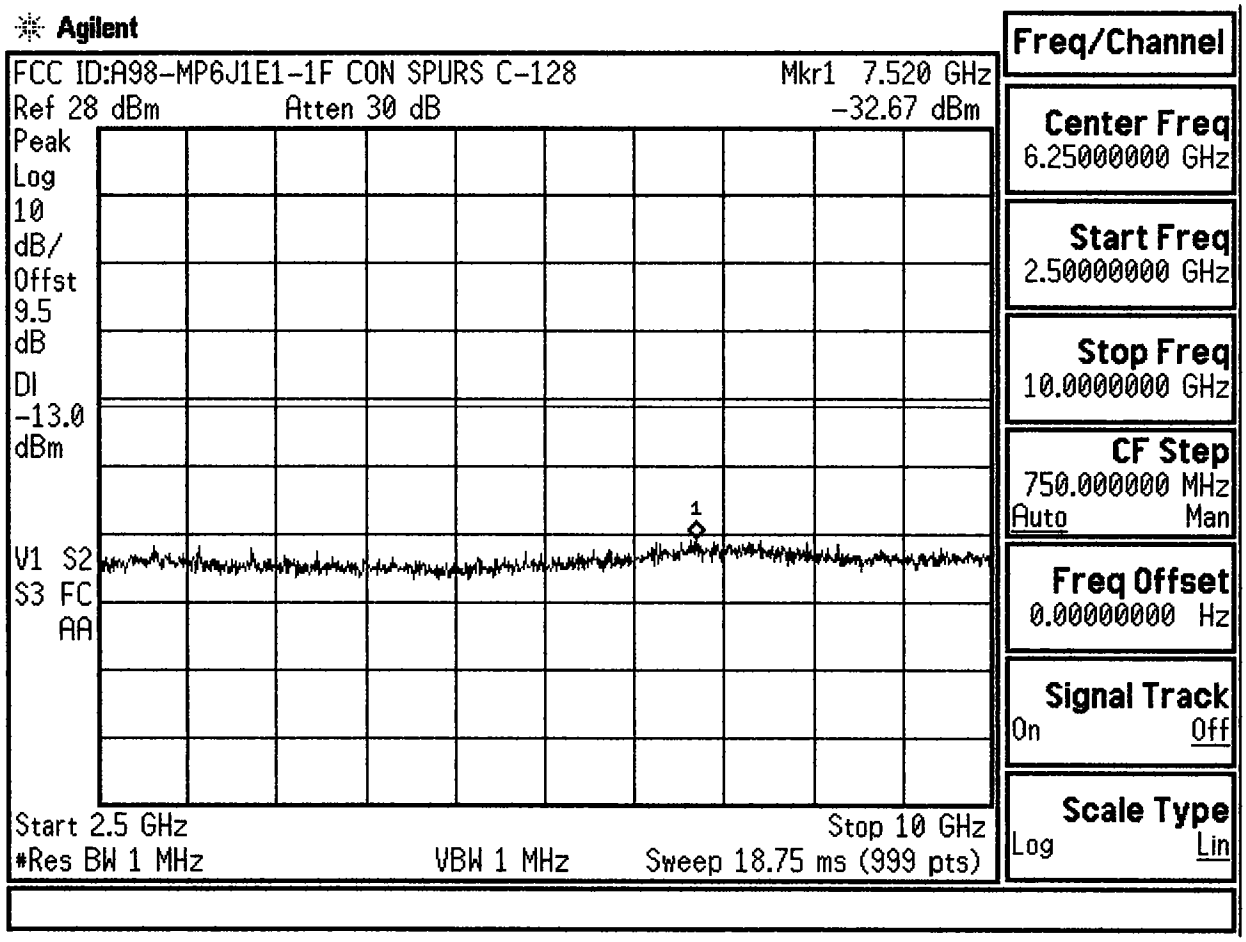

Agilent
FCC ID:A98-MP6J1E1-1F 800 MHz BAND C-128 PWR out
Ref 28 dBm
Atten 30 dB
Peak
Log
10
dB/
Offst
9.5
dB
M1 S2
S3 FC
AA
Center 824.2 MHz
Span 10 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 9.98 ms (999 pts)
Freq/Channel
Center Freq
824.200000 MHz
Start Freq
819.200000 MHz
Stop Freq
829.200000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Scale Type
Log Lin

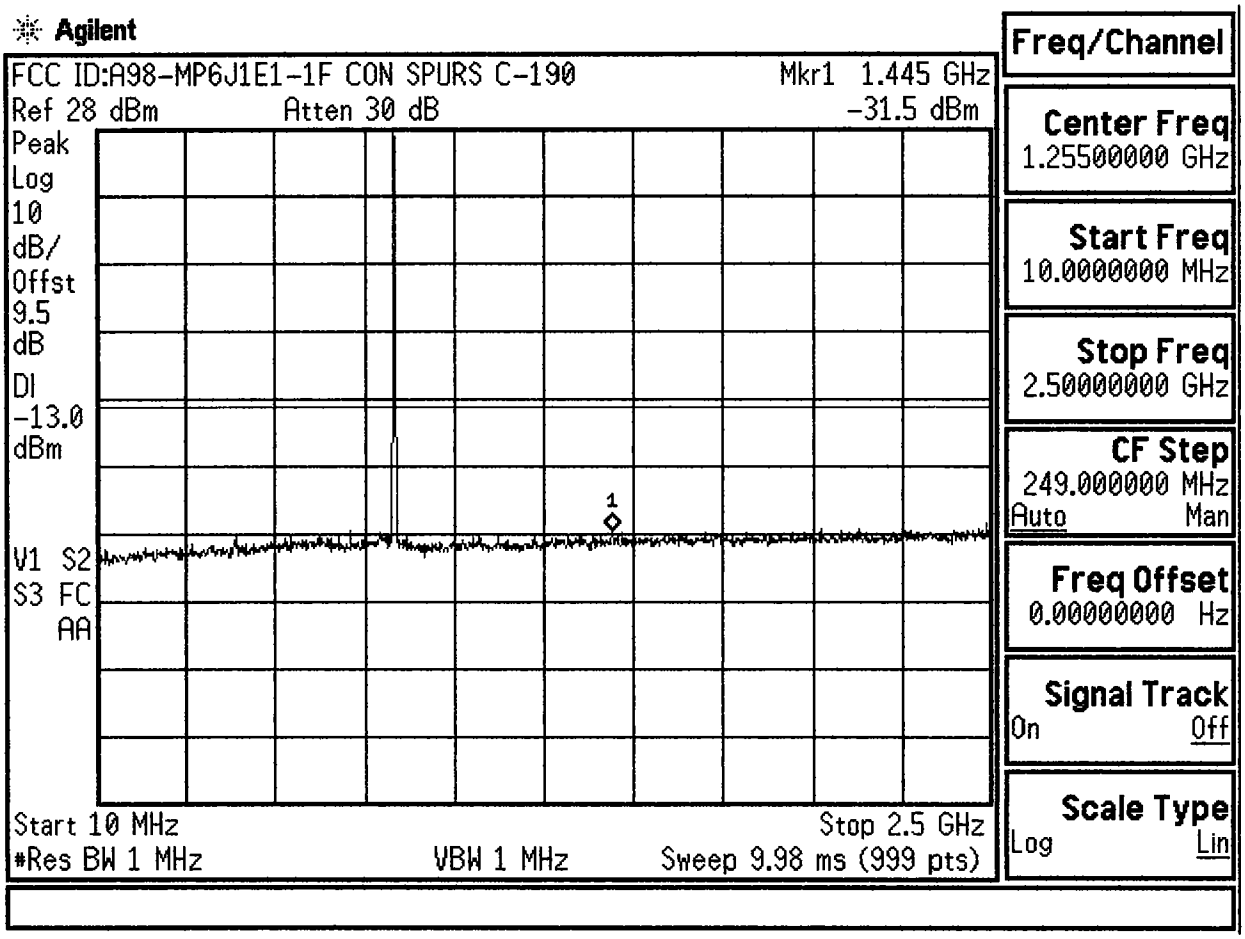

Agilent
FCC ID:A98-MP6J1E1-1F 800 MHz BAND C-190
Ref 28 dBm
Atten 30 dB
Peak
Log
10
dB/
Offst
9.5
dB
V1 S2
S3 FC
AA
Center 836.7 MHz
Span 10 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 9.98 ms (999 pts)
Freq/Channel
Center Freq
836.670000 MHz
Start Freq
831.670000 MHz
Stop Freq
841.670000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Scale Type
Log Lin

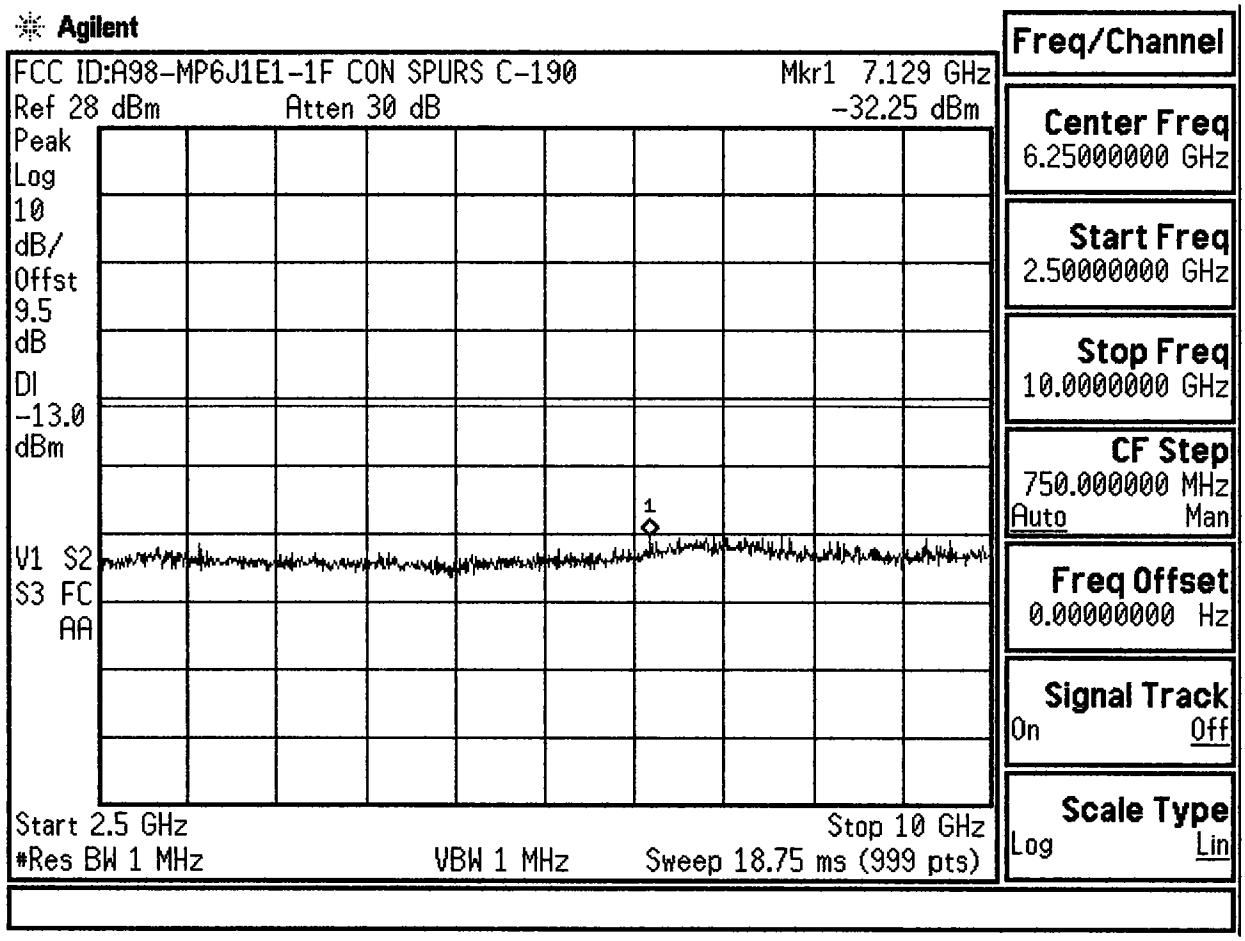

Agilent
FCC ID:A98-MP6J1E1-1F 800 MHz BAND C-190 PWR out
Ref 28 dBm
Atten 30 dB
Peak
Log
10
dB/
Offst
9.5
dB
V1 S2
S3 FC
AA
Center 836.7 MHz
Span 10 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 9.98 ms (999 pts)
Freq/Channel
Center Freq
836.670000 MHz
Start Freq
831.670000 MHz
Stop Freq
841.670000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Scale Type
Log Lin

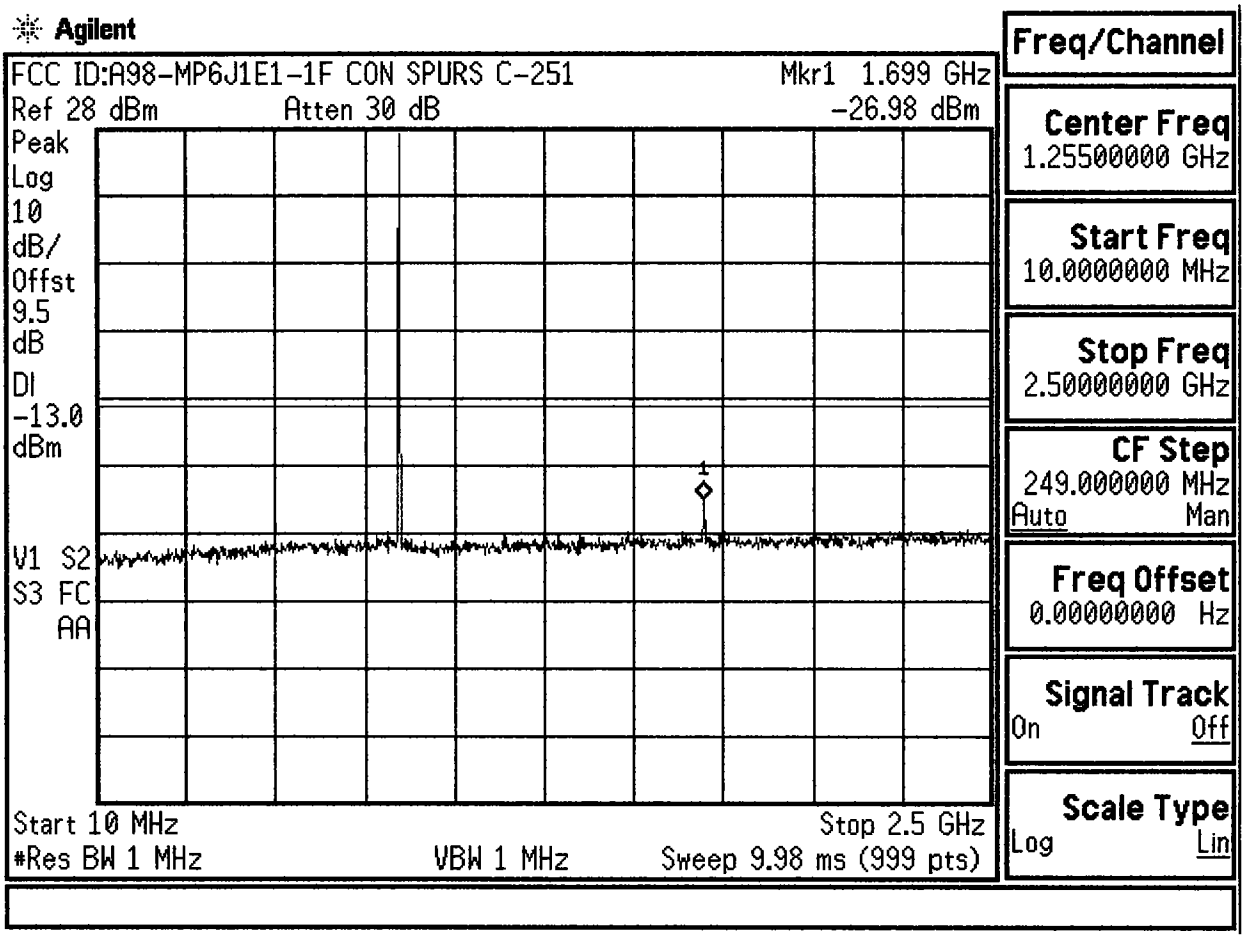

Agilent
FCC ID:A98-MP6J1E1-1F 800 MHz BAND C-251
Ref 28 dBm
Atten 30 dB
Peak
Log
10
dB/
Offst
9.5
dB
M1 S2
S3 FC
AA
Center 848.8 MHz
Span 10 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 9.98 ms (999 pts)
Freq/Channel
Center Freq
848.810000 MHz
Start Freq
843.810000 MHz
Stop Freq
853.810000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Scale Type
Log Lin

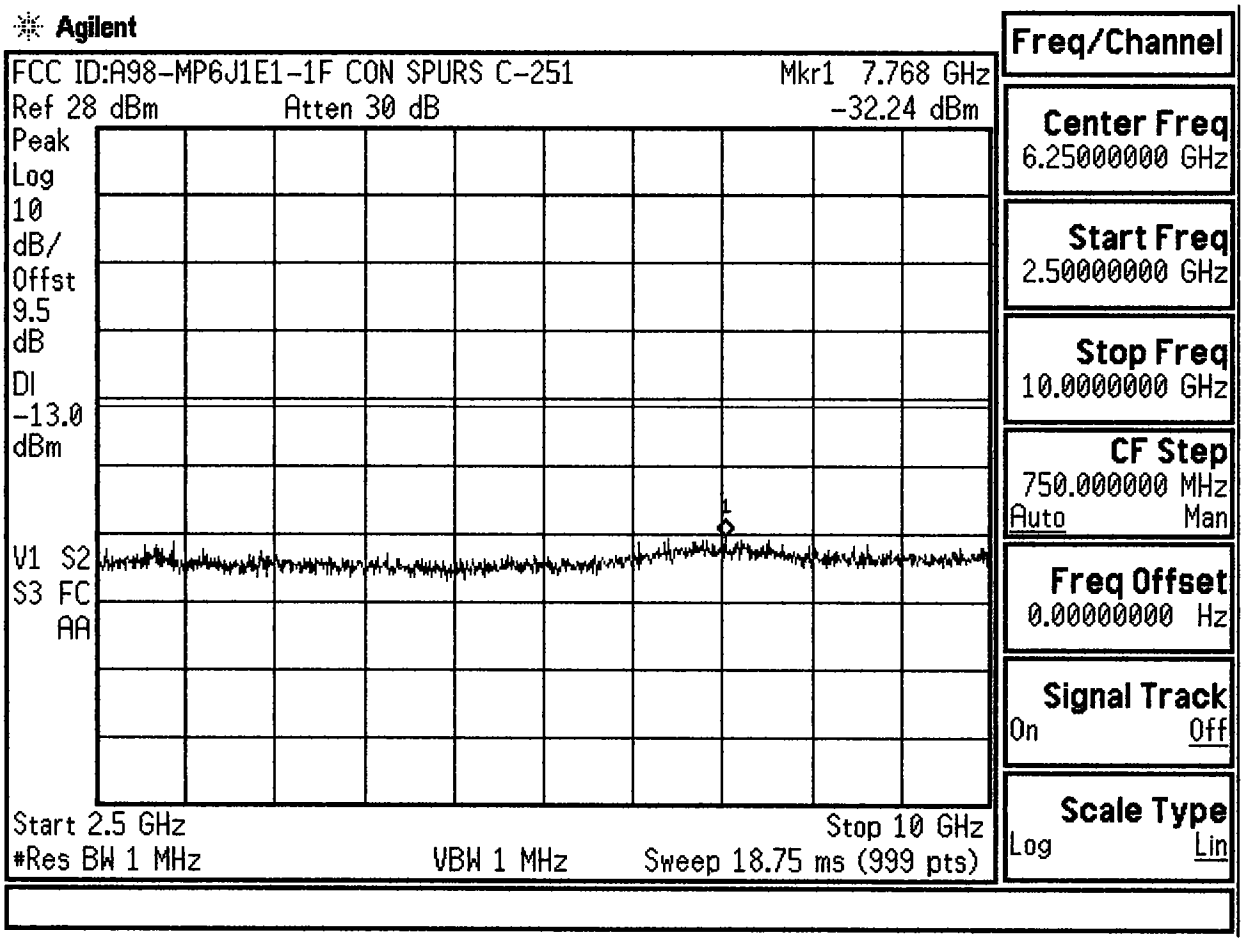

Agilent
FCC ID:A98-MP6J1E1-1F CON SPURS C-128
Mkr1 1.557 GHz
Ref 28 dBm
Atten 30 dB
-31.06 dBm
Peak
Log
10
dB/
Offst
9.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
1
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 9.98 ms (999 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

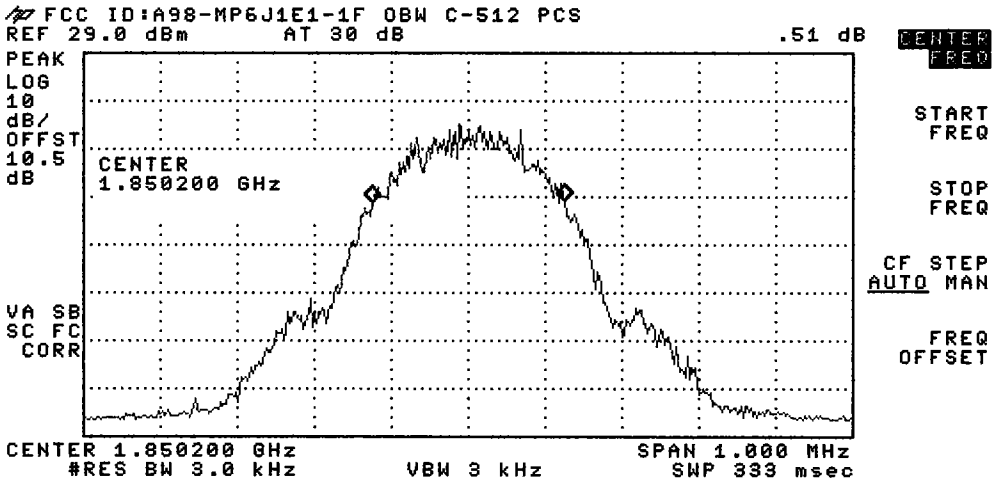

Agilent
FCC ID:A98-MP6J1E1-1F CON SPURS C-128
Mkr1 7.520 GHz
Ref 28 dBm
Atten 30 dB
-32.67 dBm
Peak
Log
10
dB/
Offst
9.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
1
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (999 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

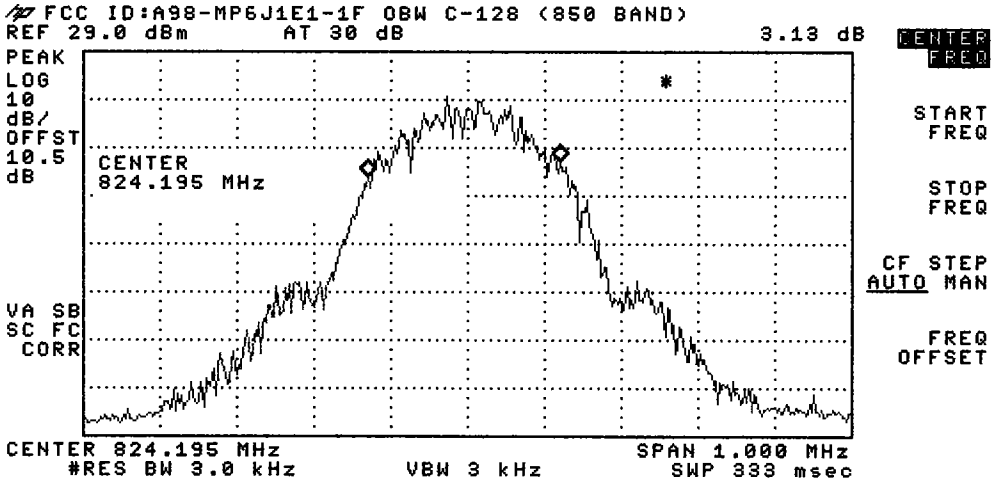

Agilent
FCC ID:A98-MP6J1E1-1F CON SPURS C-190
Mkr1 1.445 GHz
Ref 28 dBm
Atten 30 dB
-31.5 dBm
Peak
Log
10
dB/
Offst
9.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
#Res BW 1 MHz
VBW 1 MHz
Stop 2.5 GHz
Sweep 9.98 ms (999 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Scale Type
Log Lin

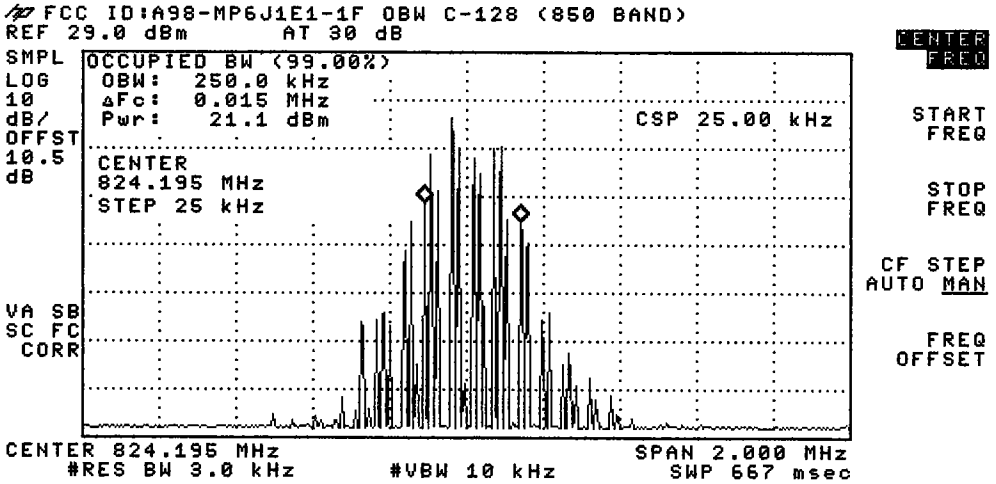

Agilent
FCC ID:A98-MP6J1E1-1F CON SPURS C-190
Mkr1 7.129 GHz
Ref 28 dBm
Atten 30 dB
-32.25 dBm
Peak
Log
10
dB/
Offst
9.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Stop 10 GHz
Sweep 18.75 ms (999 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Scale Type
Log Lin

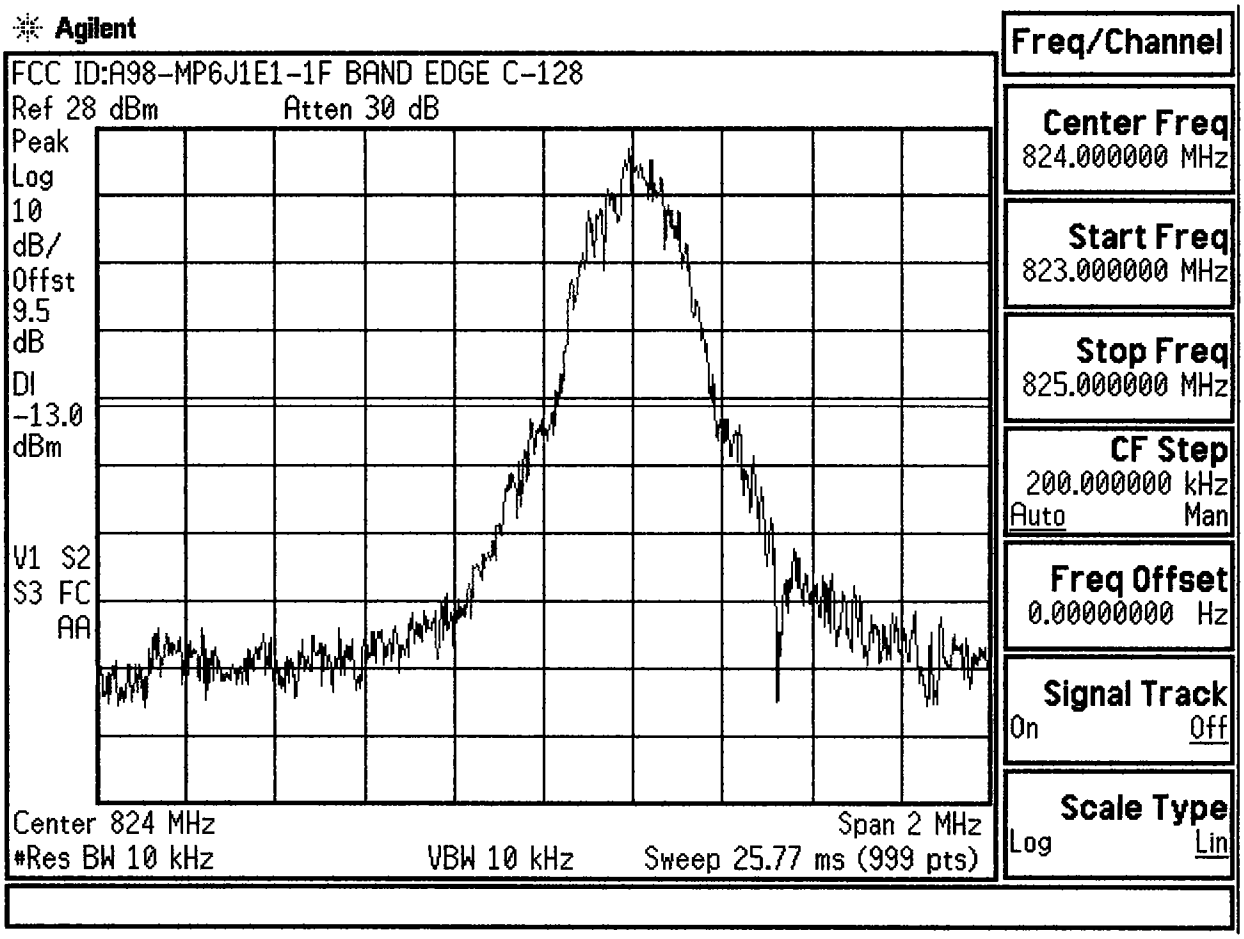

Agilent
FCC ID:A98-MP6J1E1-1F CON SPURS C-251
Mkr1 1.699 GHz
Ref 28 dBm
Atten 30 dB
-26.98 dBm
Peak
Log
10
dB/
Offst
9.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 9.98 ms (999 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

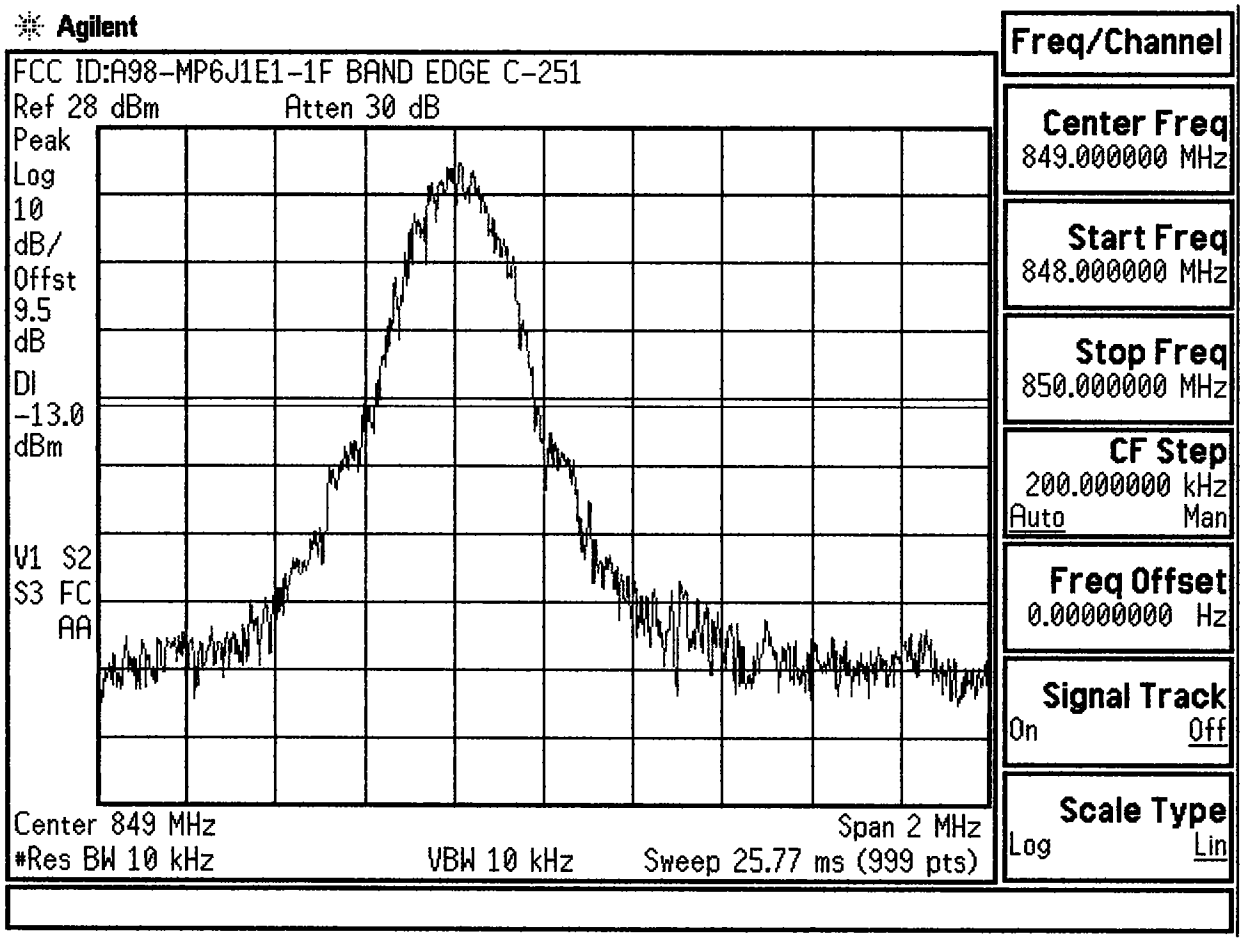

Agilent
FCC ID:A98-MP6J1E1-1F CON SPURS C-251
Mkr1 7.768 GHz
Ref 28 dBm
Atten 30 dB
-32.24 dBm
Peak
Log
10
dB/
Offst
9.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (999 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin


FCC ID:A98-MP6J1E1-1F OBW C-512 PCS
REF 29.0 dBm
AT 30 dB
.51 dB
PEAK
LOG
10
dB/
OFFST
10.5
dB
CENTER
1.850200 GHz
VA SB
SC FC
CORR
CENTER FREQ
START FREQ
STOP FREQ
CF STEP
AUTO MAN
FREQ OFFSET
CENTER 1.850200 GHz
#RES BW 3.0 kHz
VBW 3 kHz
SPAN 1.000 MHz
SWP 333 msec


FCC ID:A98-MP6J1E1-1F OBW C-128 (850 BAND)
REF 29.0 dBm
AT 30 dB
3.13 dB
PEAK
LOG
10
dB/
OFFST
10.5
dB
CENTER
824.195 MHz
VA SB
SC FC
CORR
CENTER FREQ
START FREQ
STOP FREQ
CF STEP
AUTO MAN
FREQ OFFSET
CENTER 824.195 MHz
#RES BW 3.0 kHz
VBW 3 kHz
SPAN 1.000 MHz
SWP 333 msec


FCC ID:A98-MP6J1E1-1F OBW C-128 (850 BAND)
REF 29.0 dBm
AT 30 dB
SMPL
LOG
10
dB/
OFFST
10.5
dB
OCCUPIED BW (99.00%)
OBW: 250.0 kHz
ΔFc: 0.015 MHz
Pwr: 21.1 dBm
CSP 25.00 kHz
CENTER
824.195 MHz
STEP 25 kHz
VA SB
SC FC
CORR
CENTER FREQ
START FREQ
STOP FREQ
CF STEP
AUTO MAN
FREQ OFFSET
CENTER 824.195 MHz
#RES BW 3.0 kHz
#VBW 10 kHz
SPAN 2.000 MHz
SWP 667 msec


Agilent
FCC ID:A98-MP6J1E1-1F BAND EDGE C-128
Ref 28 dBm
Atten 30 dB
Peak
Log
10
dB/
Offst
9.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 824 MHz
#Res BW 10 kHz
VBW 10 kHz
Span 2 MHz
Sweep 25.77 ms (999 pts)
Freq/Channel
Center Freq
824.000000 MHz
Start Freq
823.000000 MHz
Stop Freq
825.000000 MHz
CF Step
200.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin


Agilent
FCC ID:A98-MP6J1E1-1F BAND EDGE C-251
Ref 28 dBm
Atten 30 dB
Peak
Log
10
dB/
Offst
9.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 849 MHz
#Res BW 10 kHz
VBW 10 kHz
Span 2 MHz
Sweep 25.77 ms (999 pts)
Freq/Channel
Center Freq
849.000000 MHz
Start Freq
848.000000 MHz
Stop Freq
850.000000 MHz
CF Step
200.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin