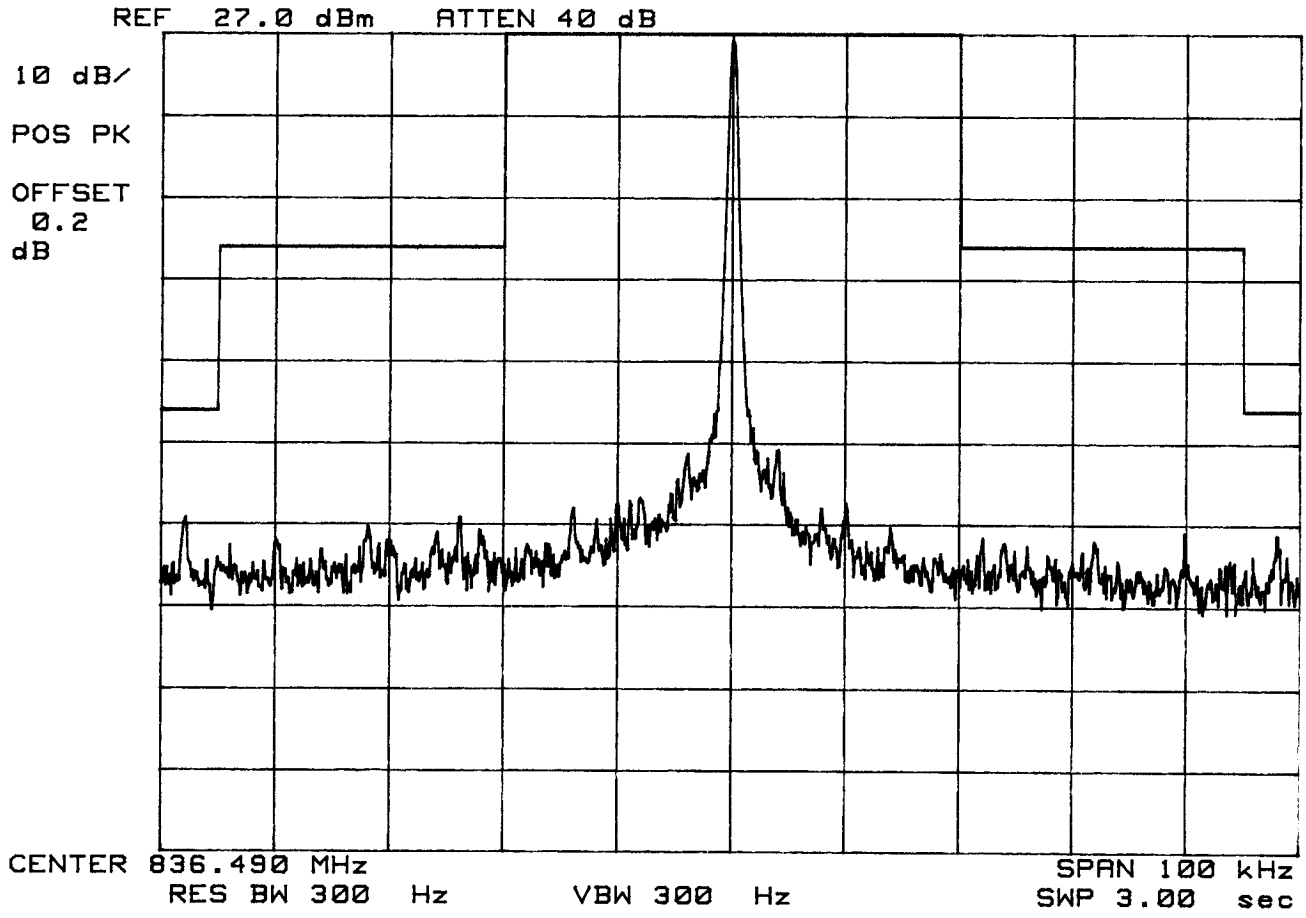
ATTACHMENT D – TEST PLOTS

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHT300
SAMSUNG
TRI-MODE
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 27.0 dBm

Test Mode:Unmodulated Signal

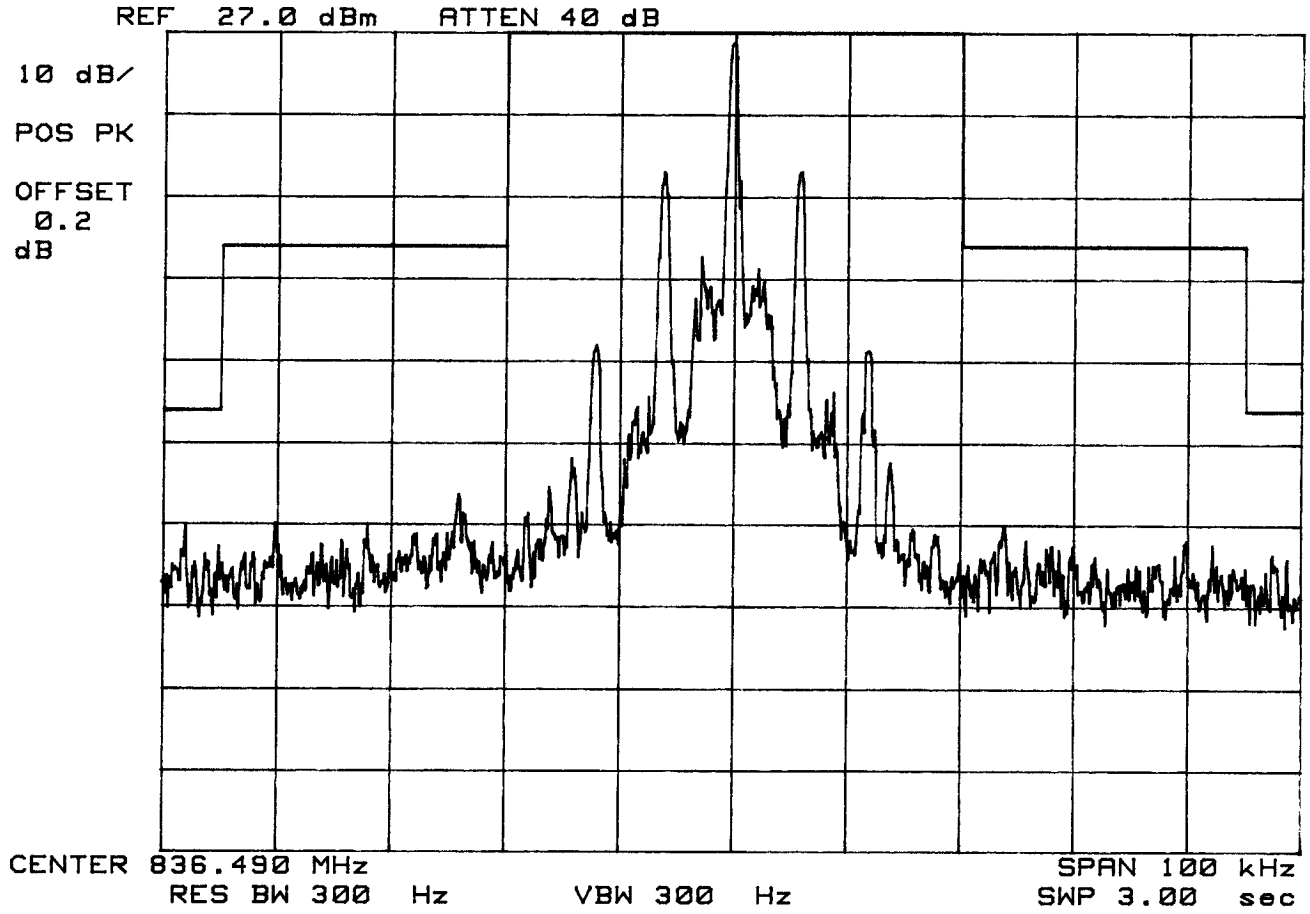


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHT300
SAMSUNG
TRI-MODE
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 27.0 dBm

Test Mode:SAT

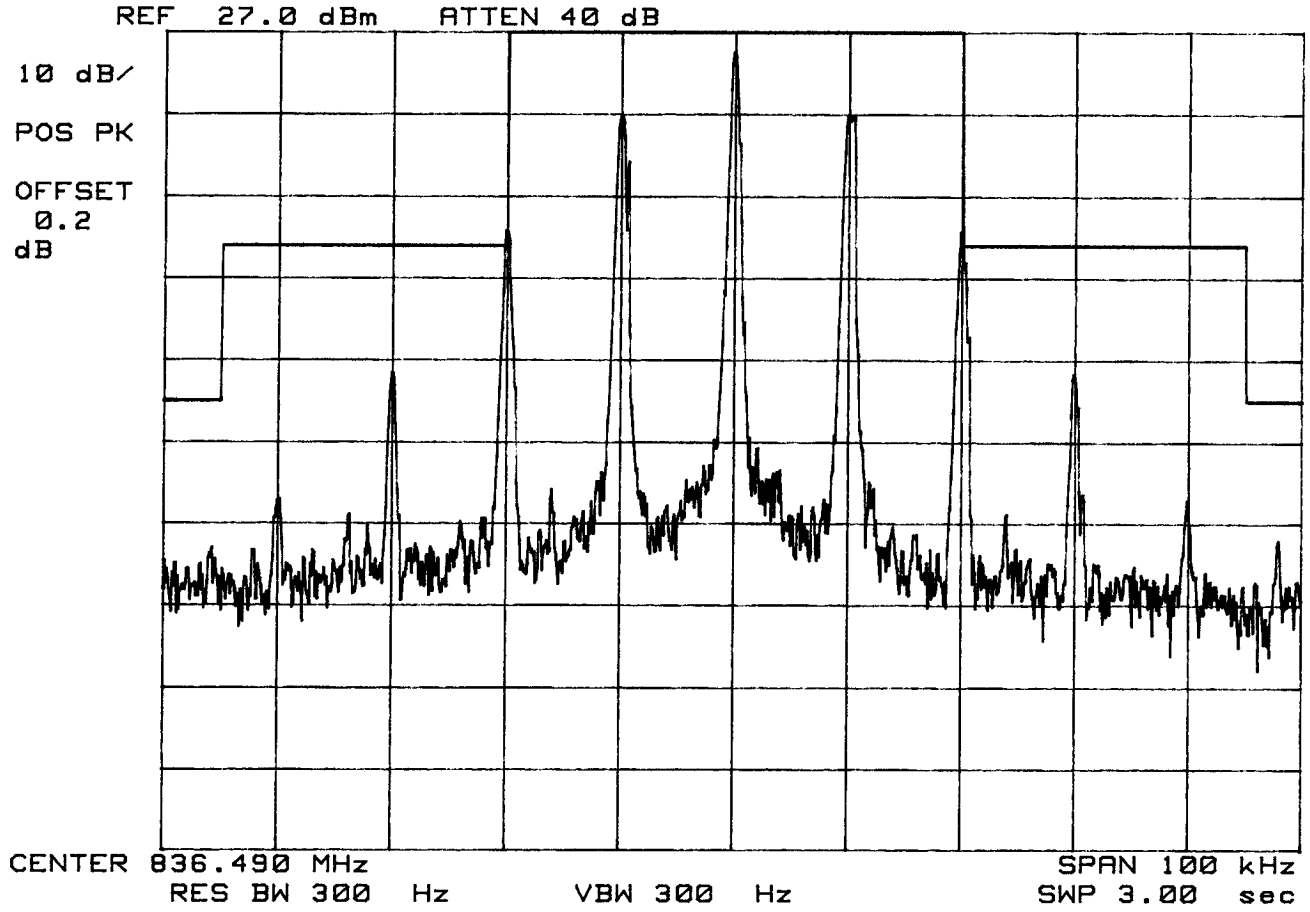


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHT300
SAMSUNG
TRI-MODE
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 27.0 dBm

Test Mode:ST

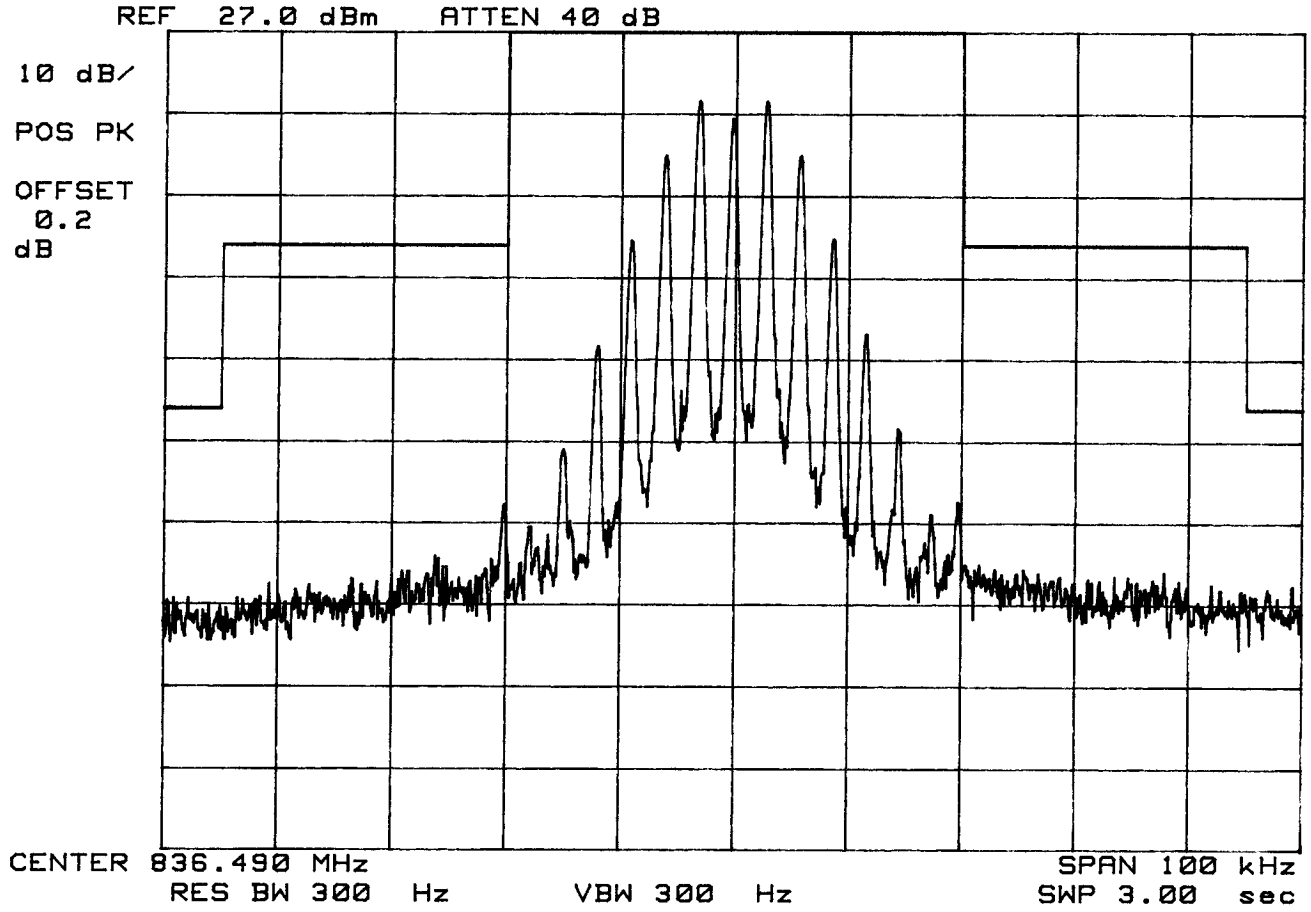


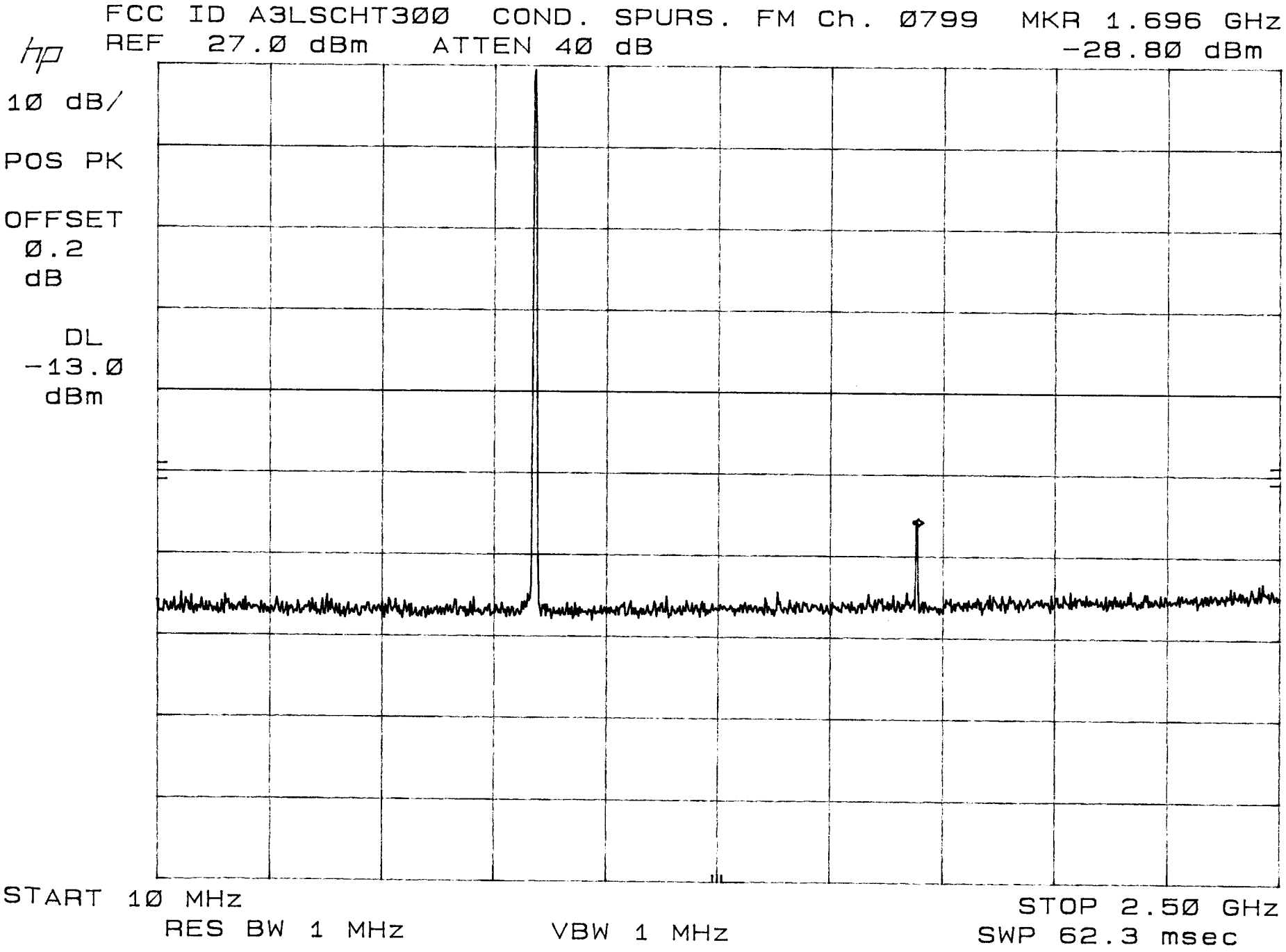
PCTEST Engineering Lab.

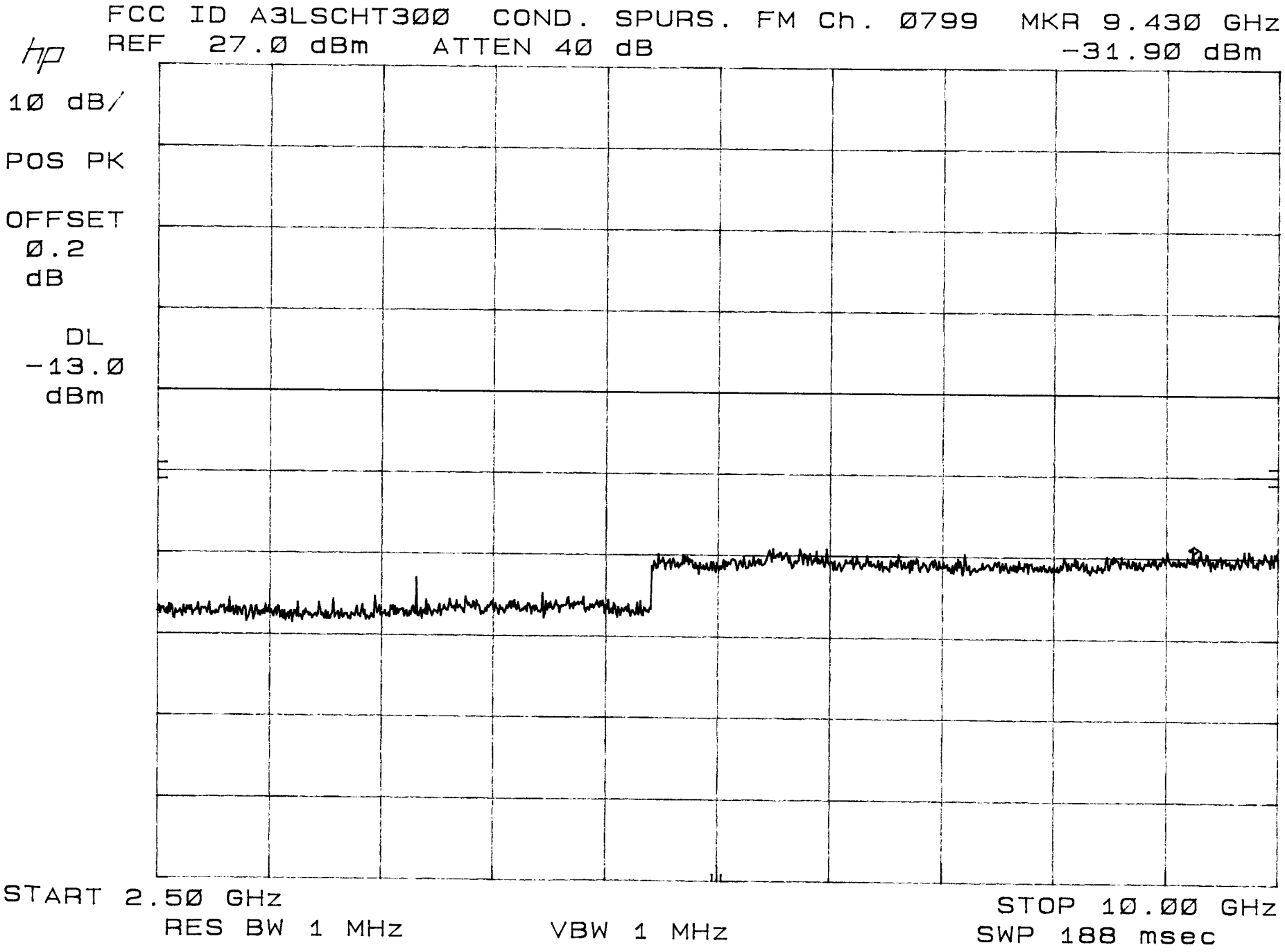
SPECTRUM ANALYZER PRESENTATION

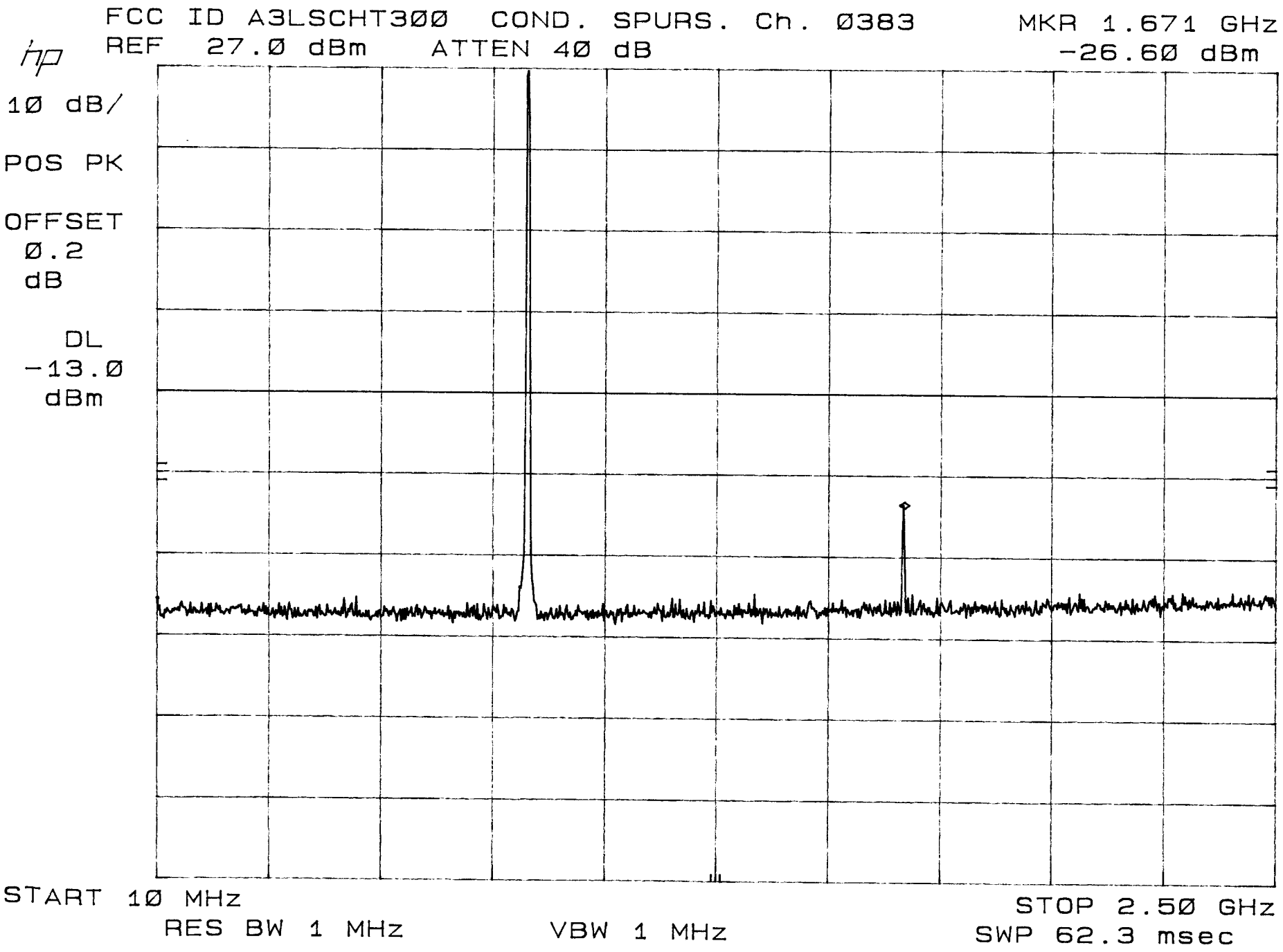
FCC ID:A3LSCHT300
SAMSUNG
TRI-MODE
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 27.0 dBm

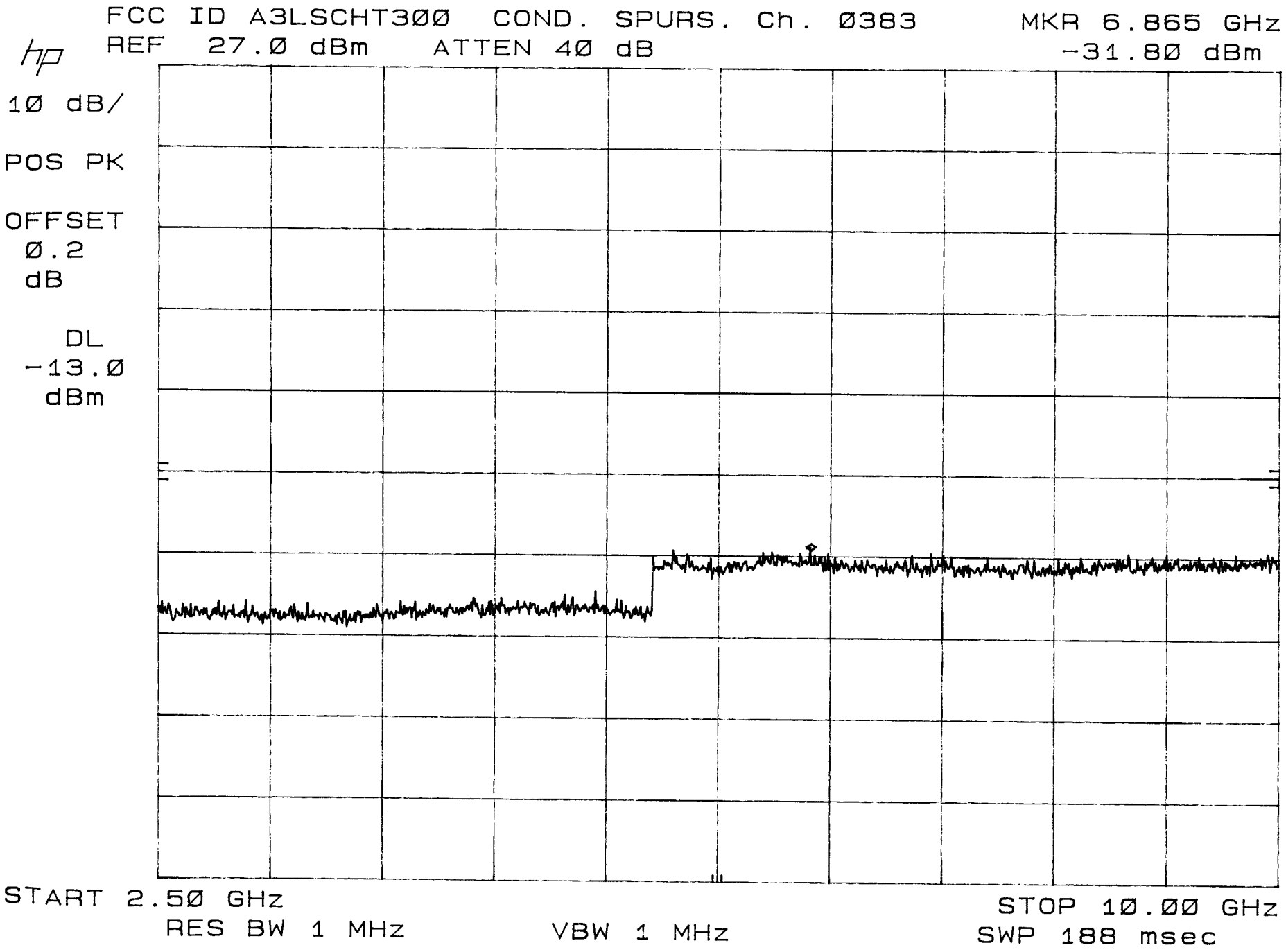
Test Mode:Voice

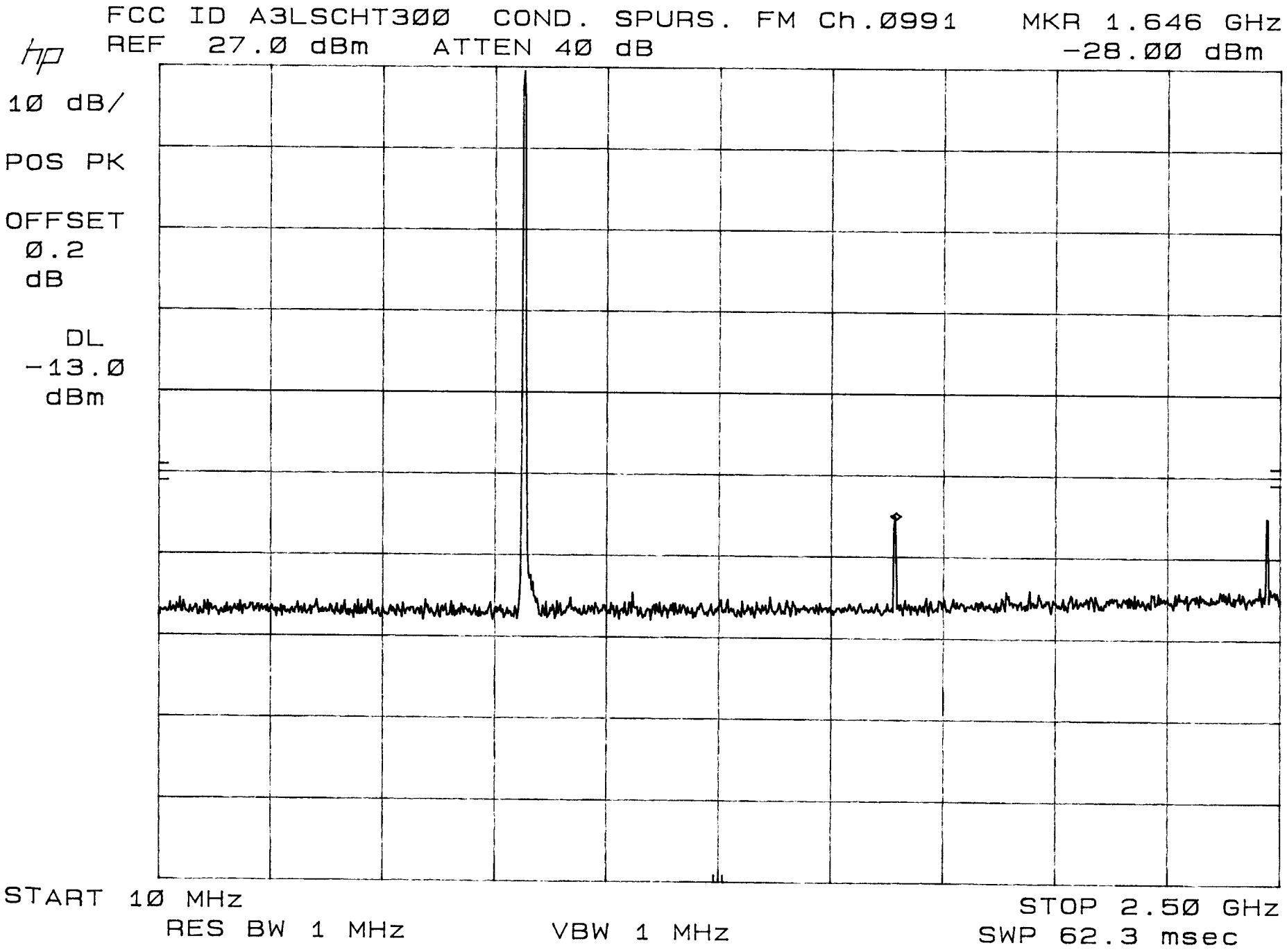


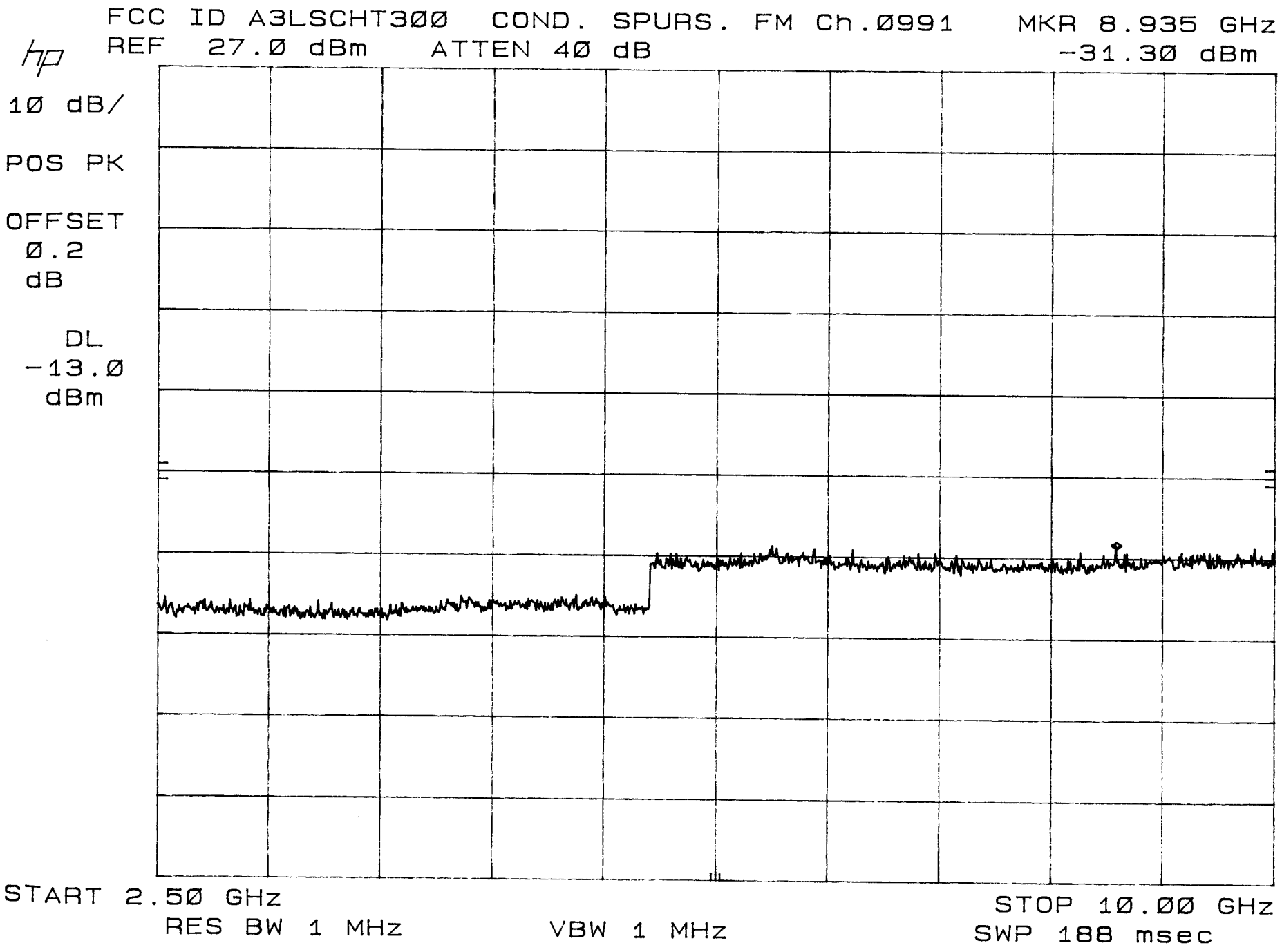

FCC ID A3LSCHT300 COND. SPURS. FM Ch. 0799 MKR 1.696 GHz
REF 27.0 dBm ATTEN 40 dB -28.80 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

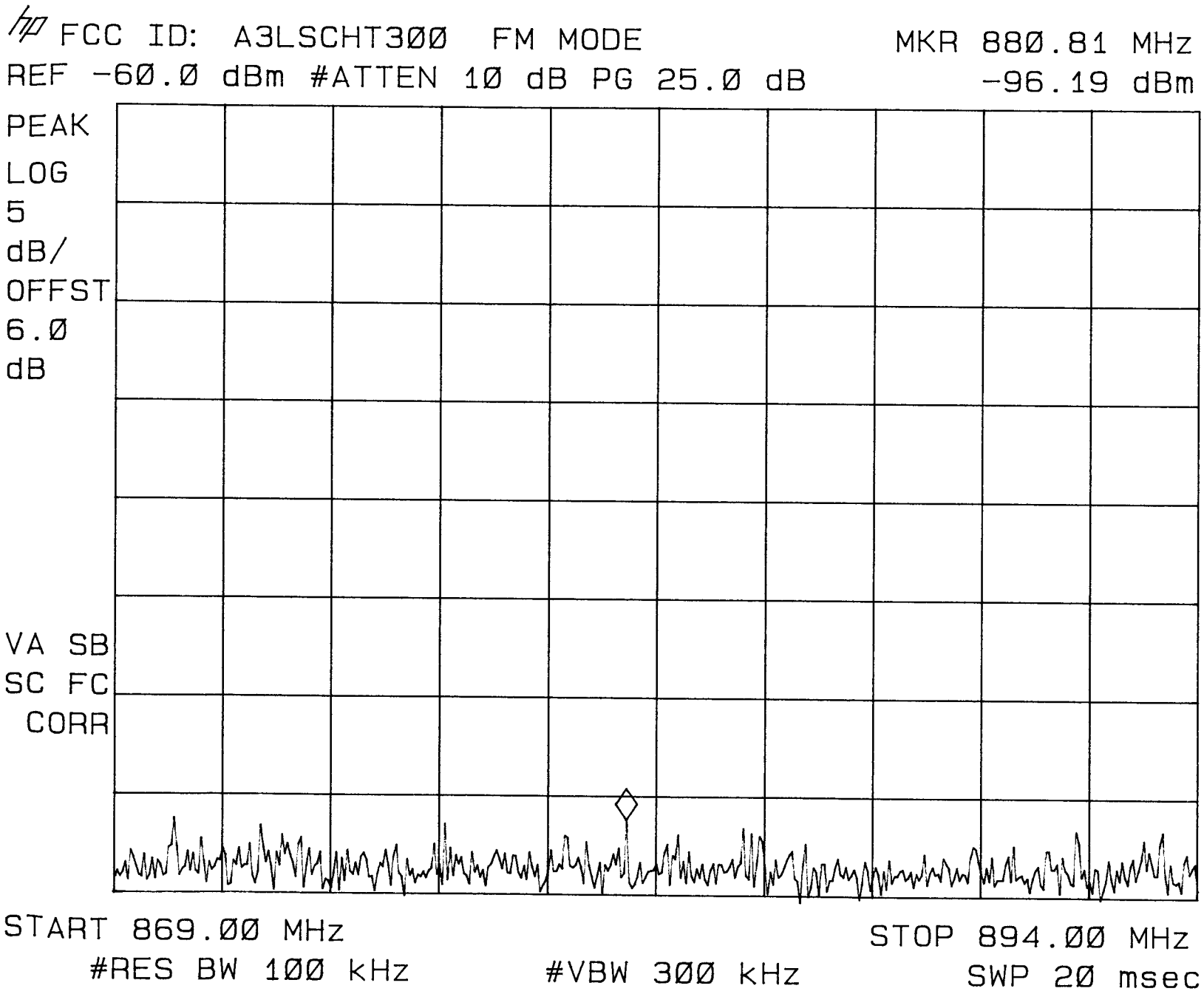

FCC ID A3LSCHT300 COND. SPURS. FM Ch. 0799 MKR 9.430 GHz
REF 27.0 dBm ATTEN 40 dB -31.90 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 2.500 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 10.000 GHz
SWP 188 msec

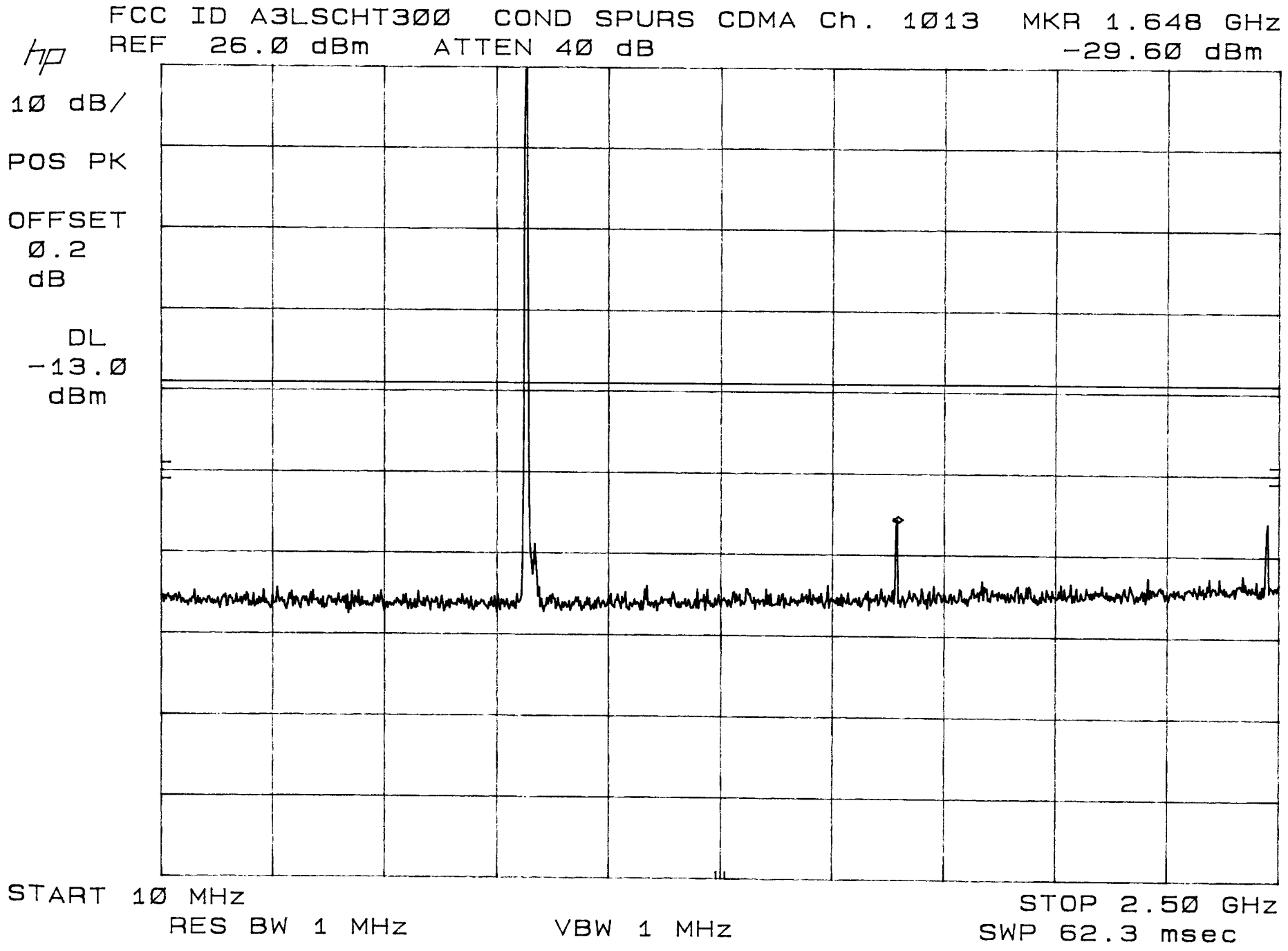

FCC ID A3LSCHT300 COND. SPURS. Ch. 0383
MKR 1.671 GHz
REF 27.0 dBm
ATTEN 40 dB
-26.60 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

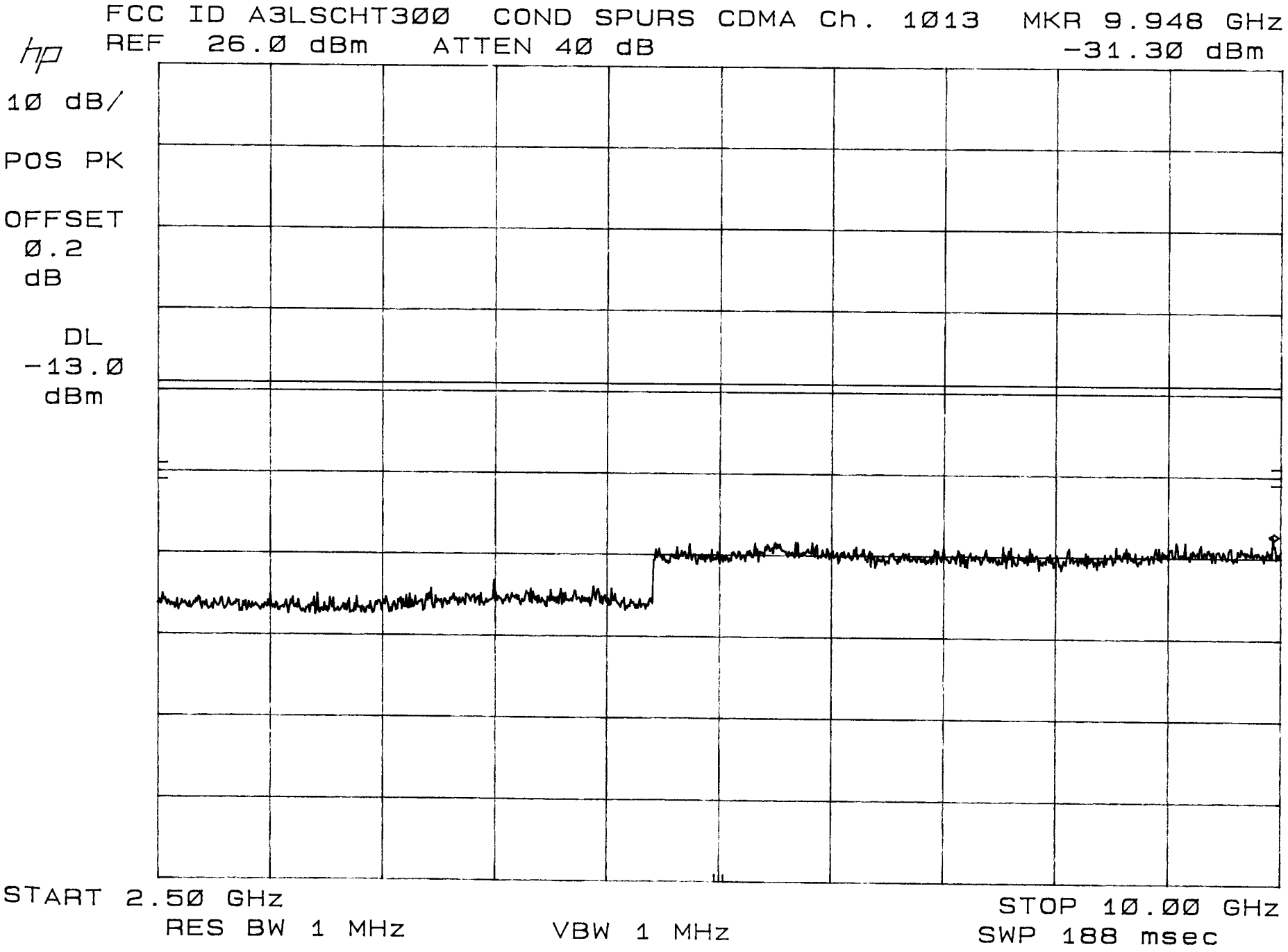

FCC ID A3LSCHT300 COND. SPURS. Ch. 0383
MKR 6.865 GHz
REF 27.0 dBm ATTEN 40 dB
-31.80 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 2.500 GHz
STOP 10.000 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

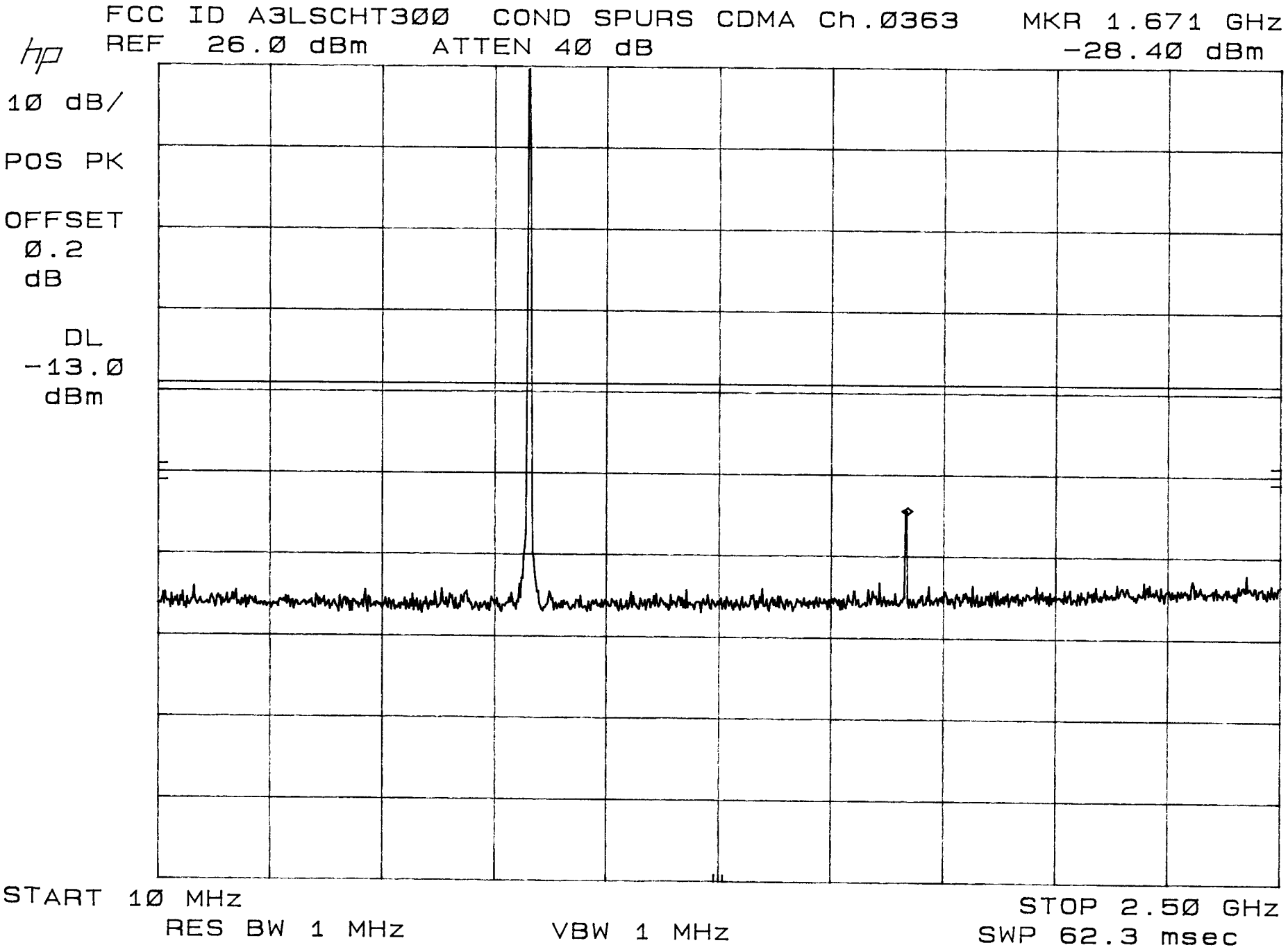

FCC ID A3LSCHT300 COND. SPURS. FM Ch.0991
MKR 1.646 GHz
REF 27.0 dBm
ATTEN 40 dB
-28.00 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

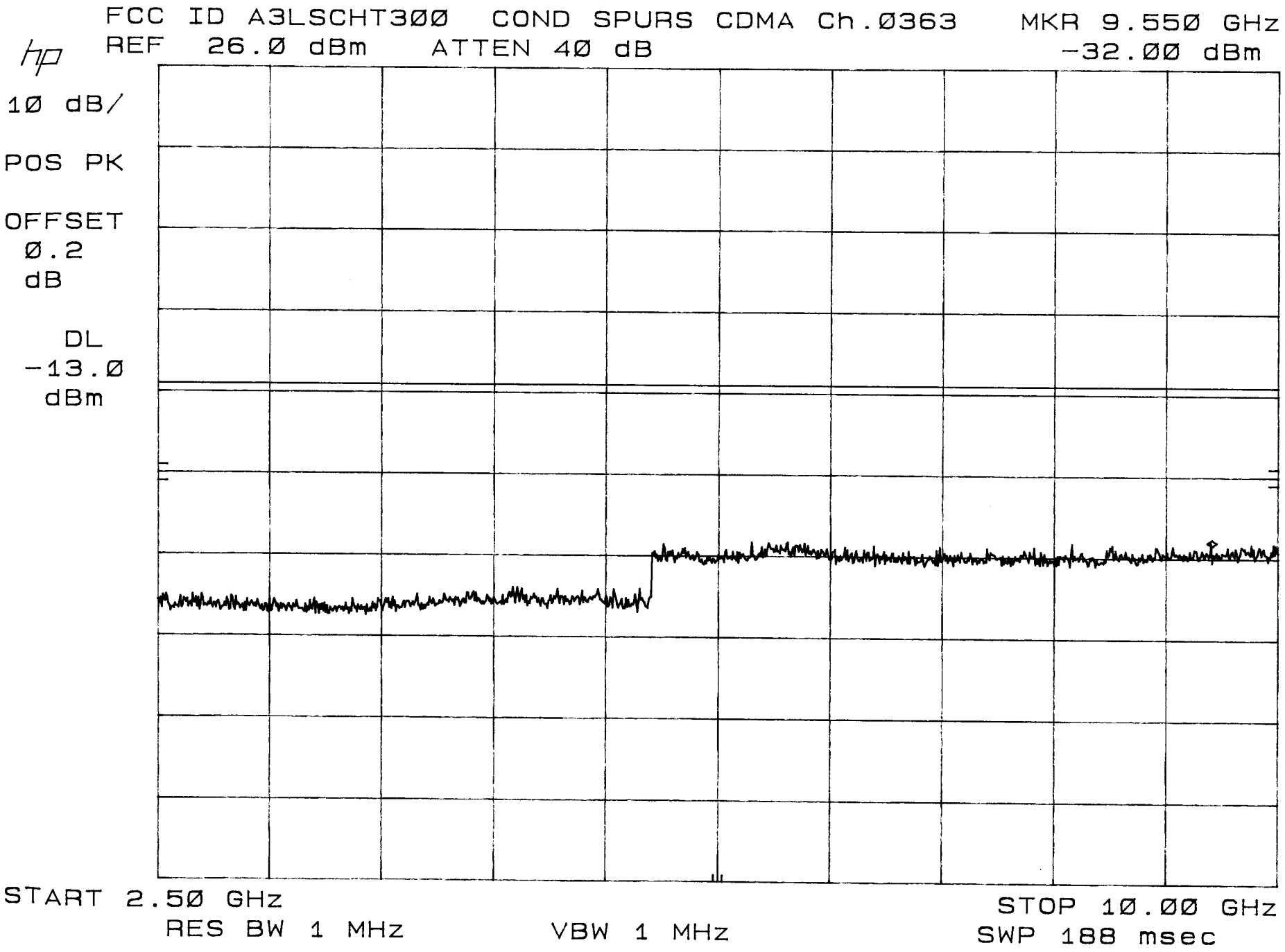

FCC ID A3LSCHT300 COND. SPURS. FM Ch.0991
MKR 8.935 GHz
REF 27.0 dBm
ATTEN 40 dB
-31.30 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 2.50 GHz
STOP 10.00 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

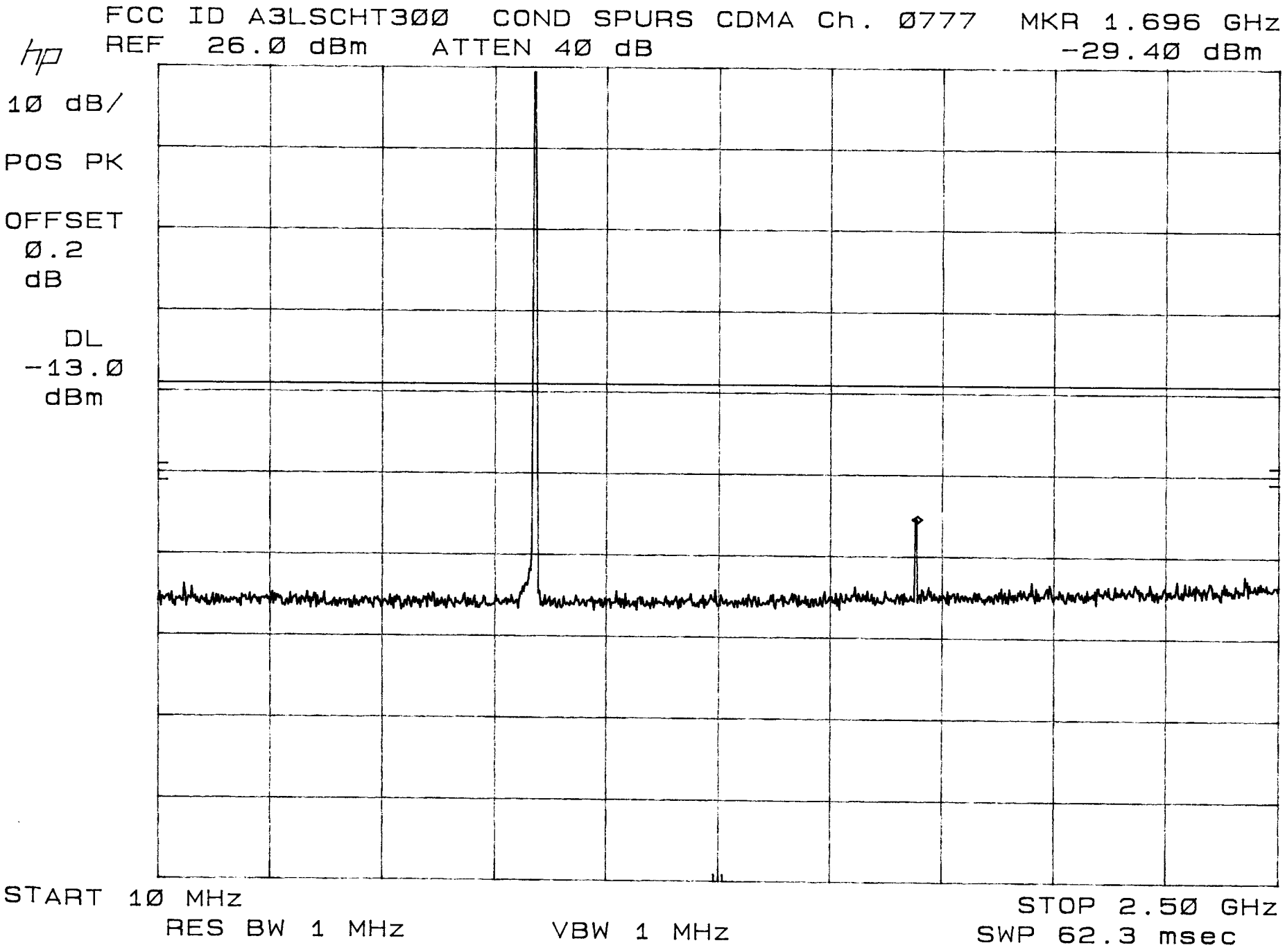

FCC ID: A3LSCHT300 FM MODE
MKR 880.81 MHz
REF -60.0 dBm #ATTEN 10 dB PG 25.0 dB
-96.19 dBm
PEAK
LOG
5
dB/
OFFST
6.0
dB
VA SB
SC FC
CORR
START 869.00 MHz
STOP 894.00 MHz
#RES BW 100 kHz
#VBW 300 kHz
SWP 20 msec

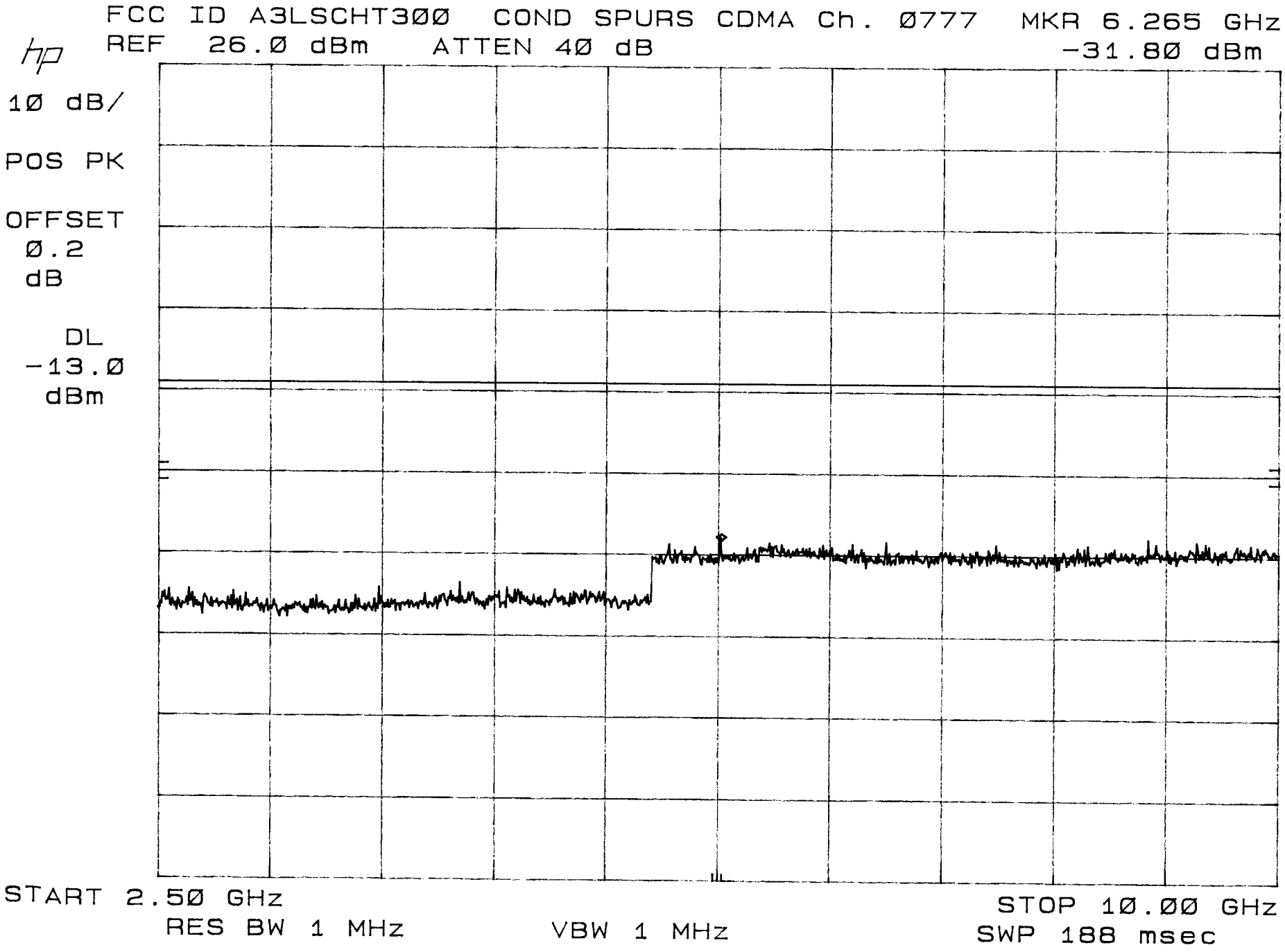

FCC ID A3LSCHT300 COND SPURS CDMA Ch. 1013 MKR 1.648 GHz
REF 26.0 dBm ATTEN 40 dB -29.60 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

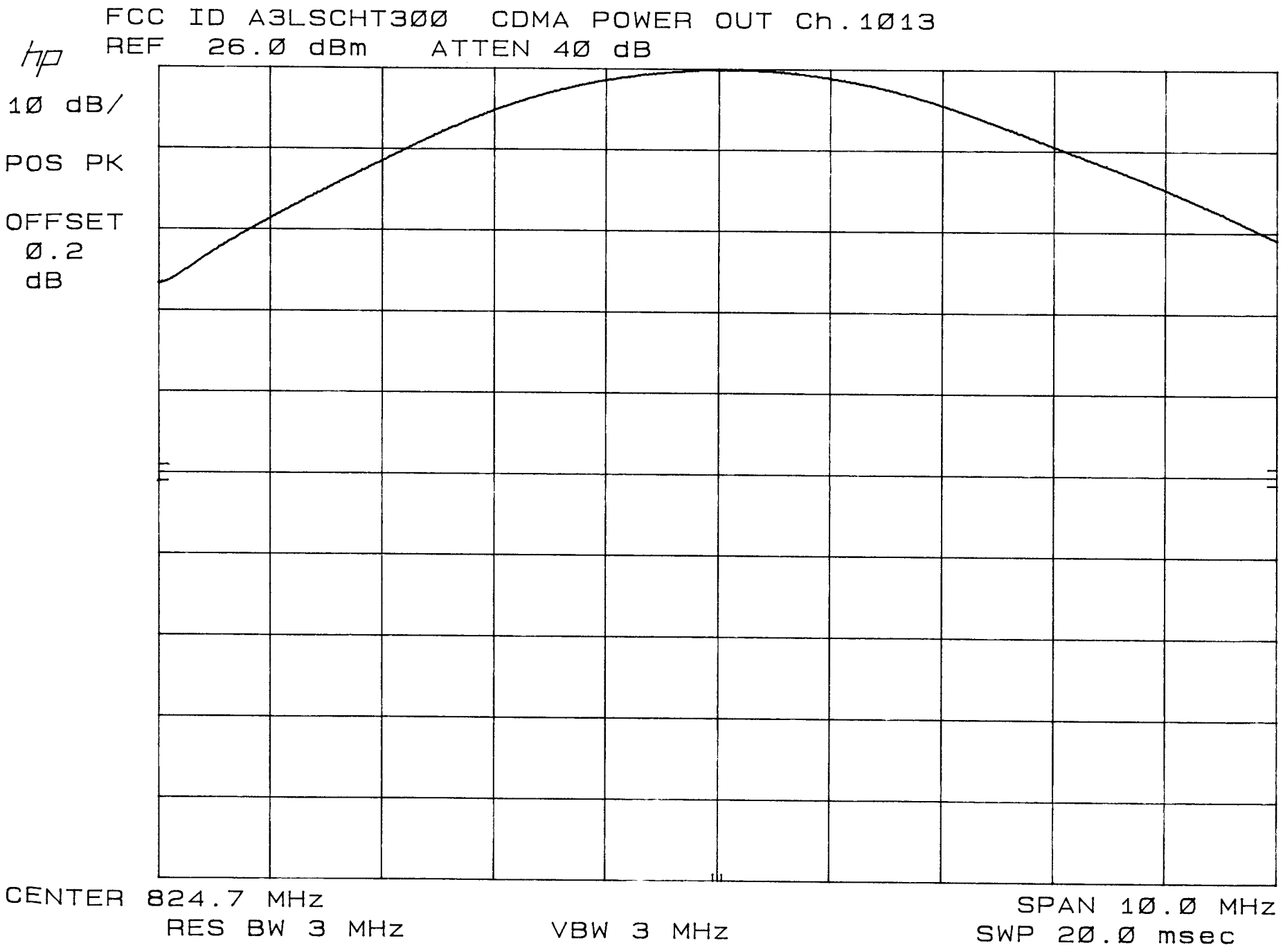

FCC ID A3LSCHT300 COND SPURS CDMA Ch. 1013 MKR 9.948 GHz
REF 26.0 dBm ATTEN 40 dB -31.30 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 10.00 GHz
SWP 188 msec

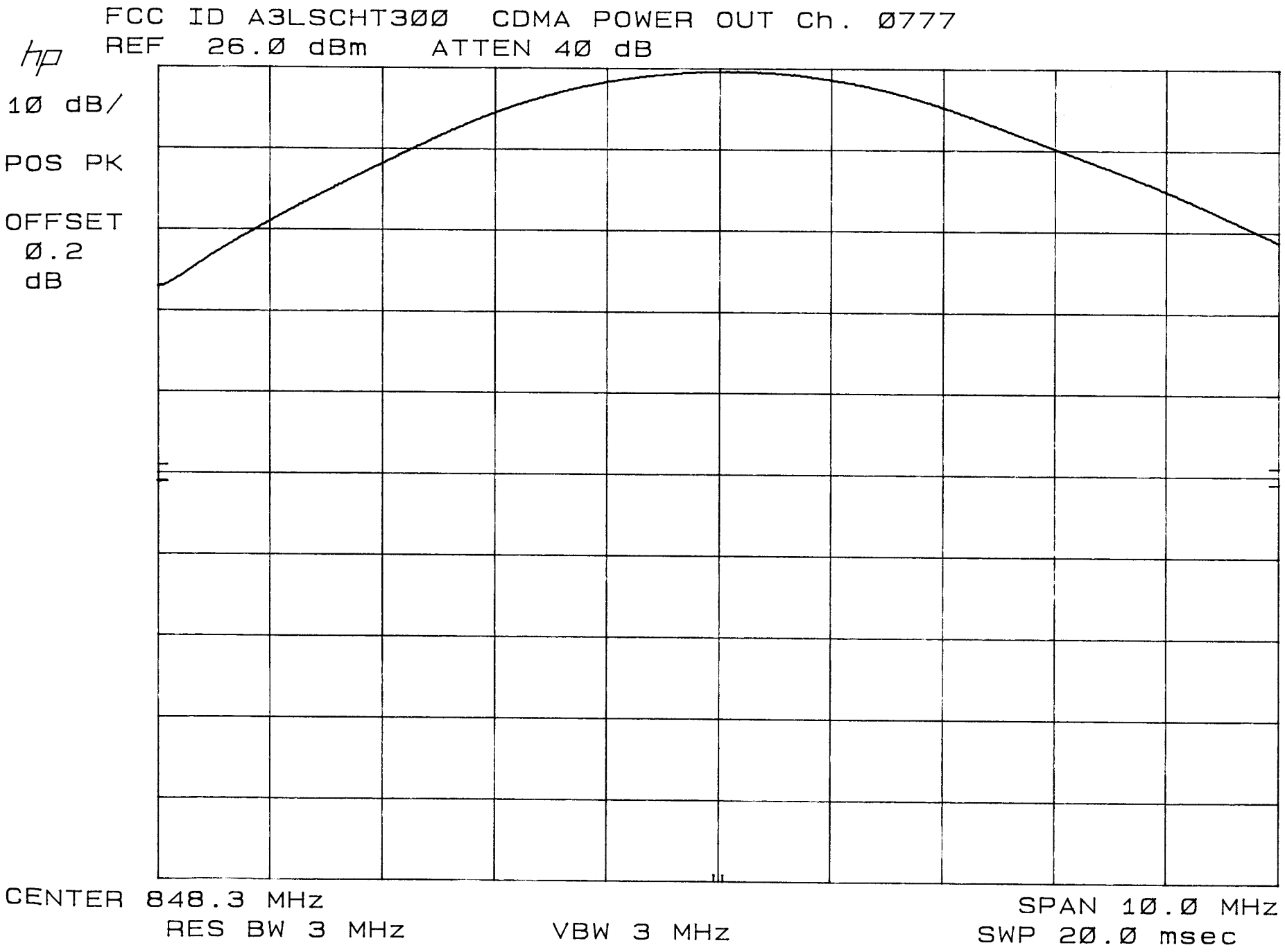

FCC ID A3LSCHT300 COND SPURS CDMA Ch.0363
MKR 1.671 GHz
REF 26.0 dBm
ATTEN 40 dB
-28.40 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

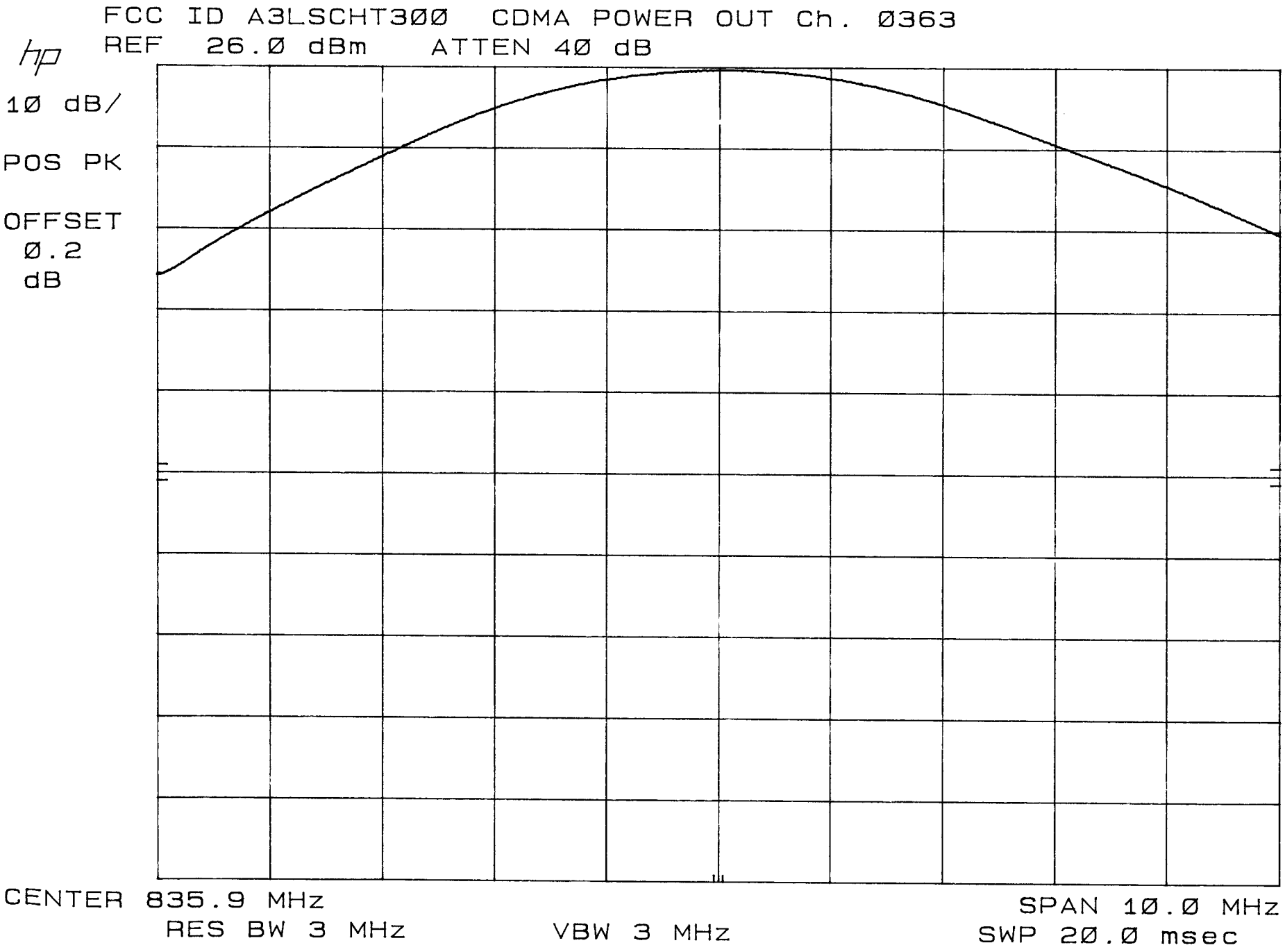

FCC ID A3LSCHT300 COND SPURS CDMA Ch.0363
MKR 9.550 GHz
REF 26.0 dBm
ATTEN 40 dB
-32.00 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 2.50 GHz
STOP 10.00 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

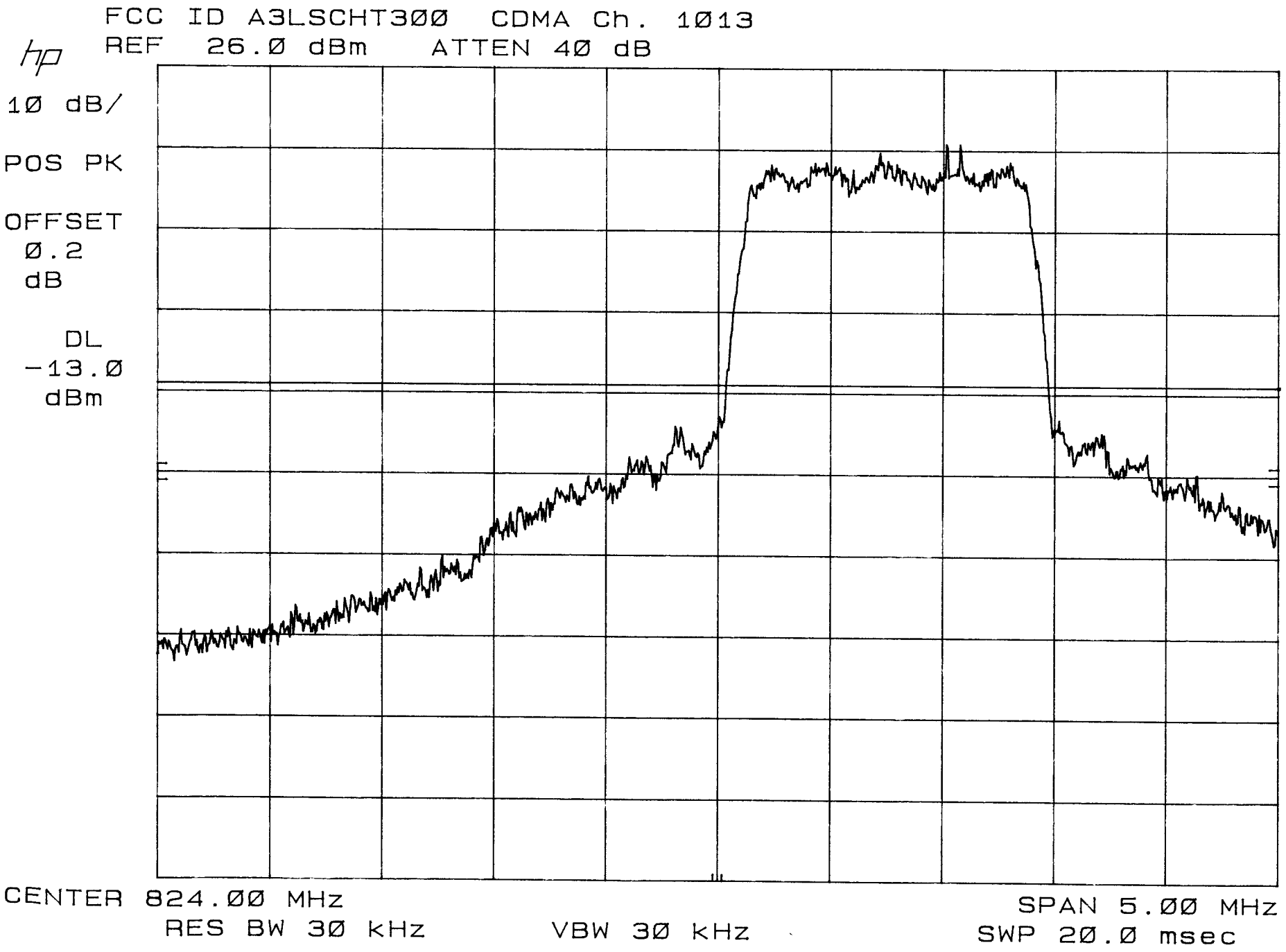

FCC ID A3LSCHT300 COND SPURS CDMA Ch. 0777 MKR 1.696 GHz
REF 26.0 dBm ATTEN 40 dB -29.40 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

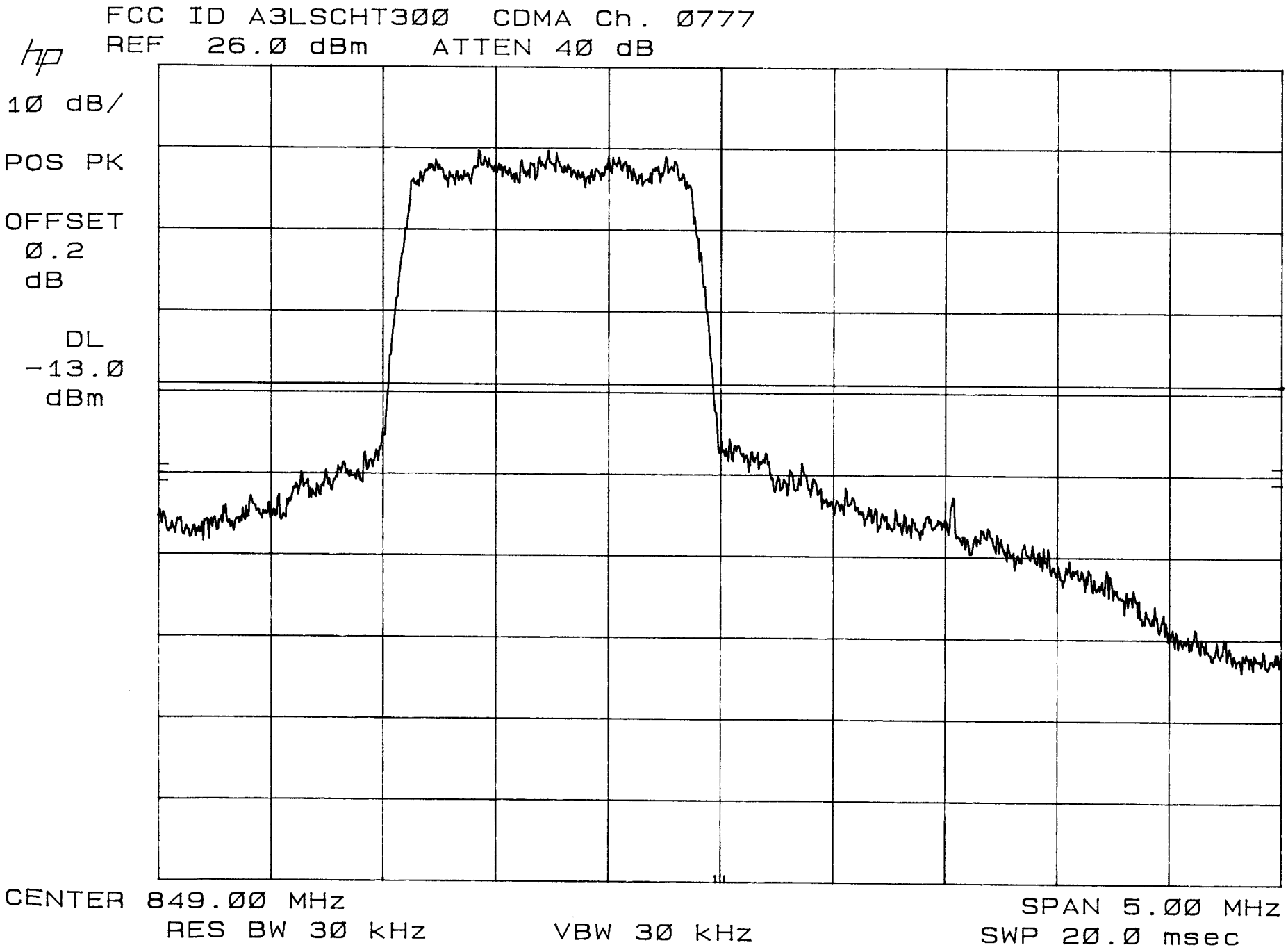

FCC ID A3LSCHT300 COND SPURS CDMA Ch. 0777 MKR 6.265 GHz
REF 26.0 dBm ATTEN 40 dB -31.80 dBm
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
START 2.500 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 10.000 GHz
SWP 188 msec

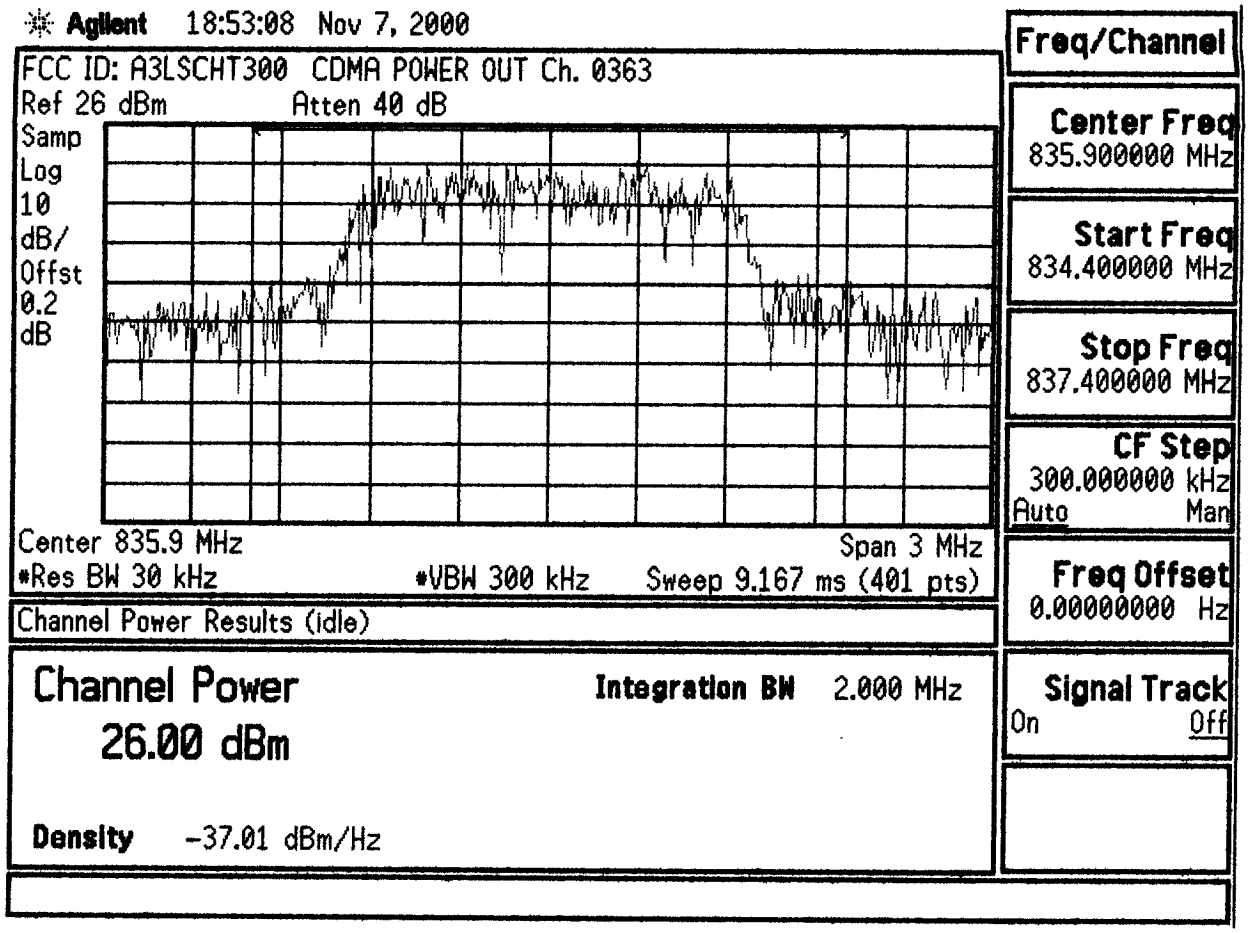

FCC ID A3LSCHT300 CDMA POWER OUT Ch.1013
REF 26.0 dBm ATTEN 40 dB
10 dB/
POS PK
OFFSET
0.2
dB
CENTER 824.7 MHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

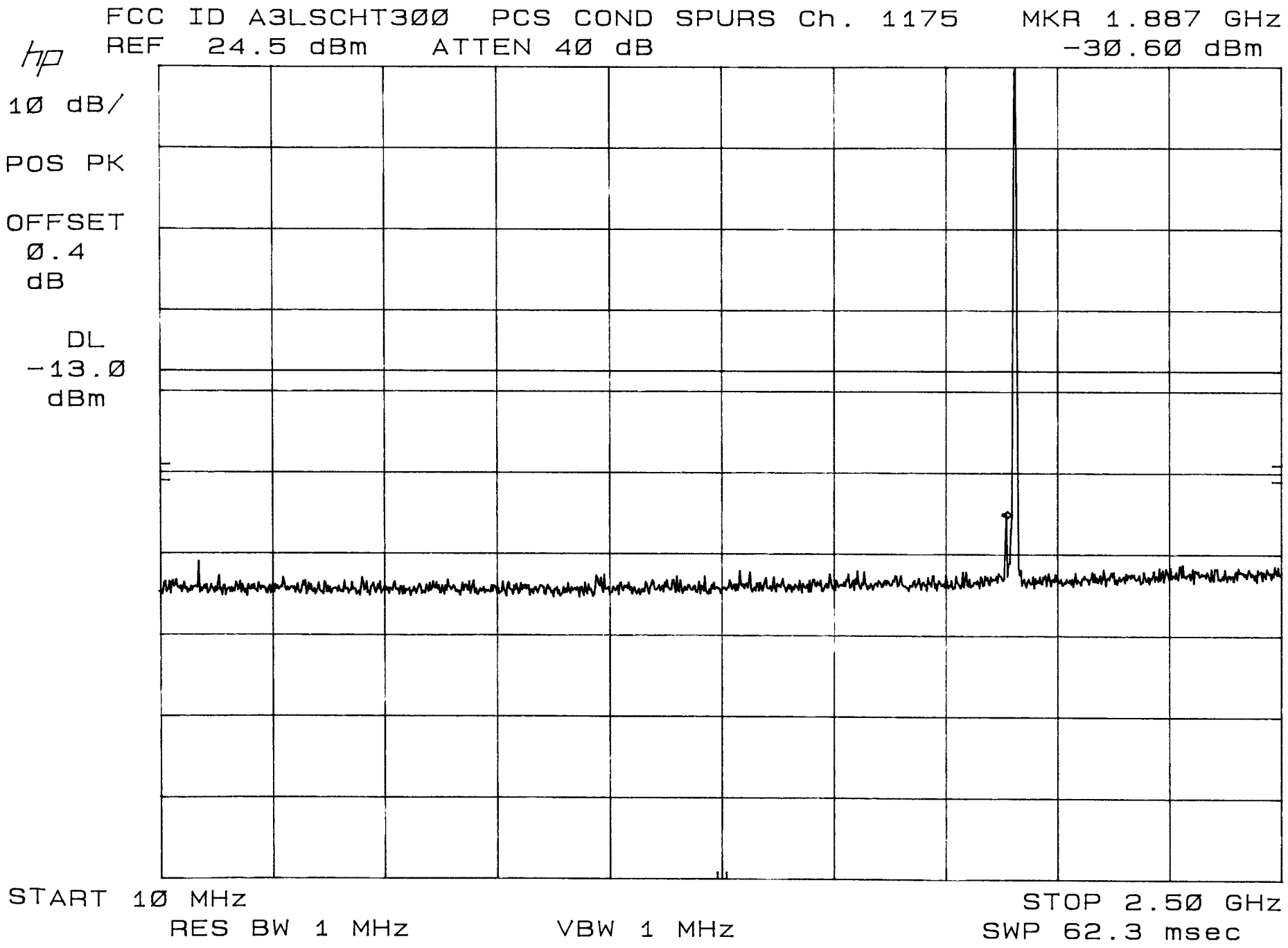

FCC ID A3LSCHT300 CDMA POWER OUT Ch. 0777
REF 26.0 dBm ATTEN 40 dB
10 dB/
POS PK
OFFSET
0.2
dB
CENTER 848.3 MHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

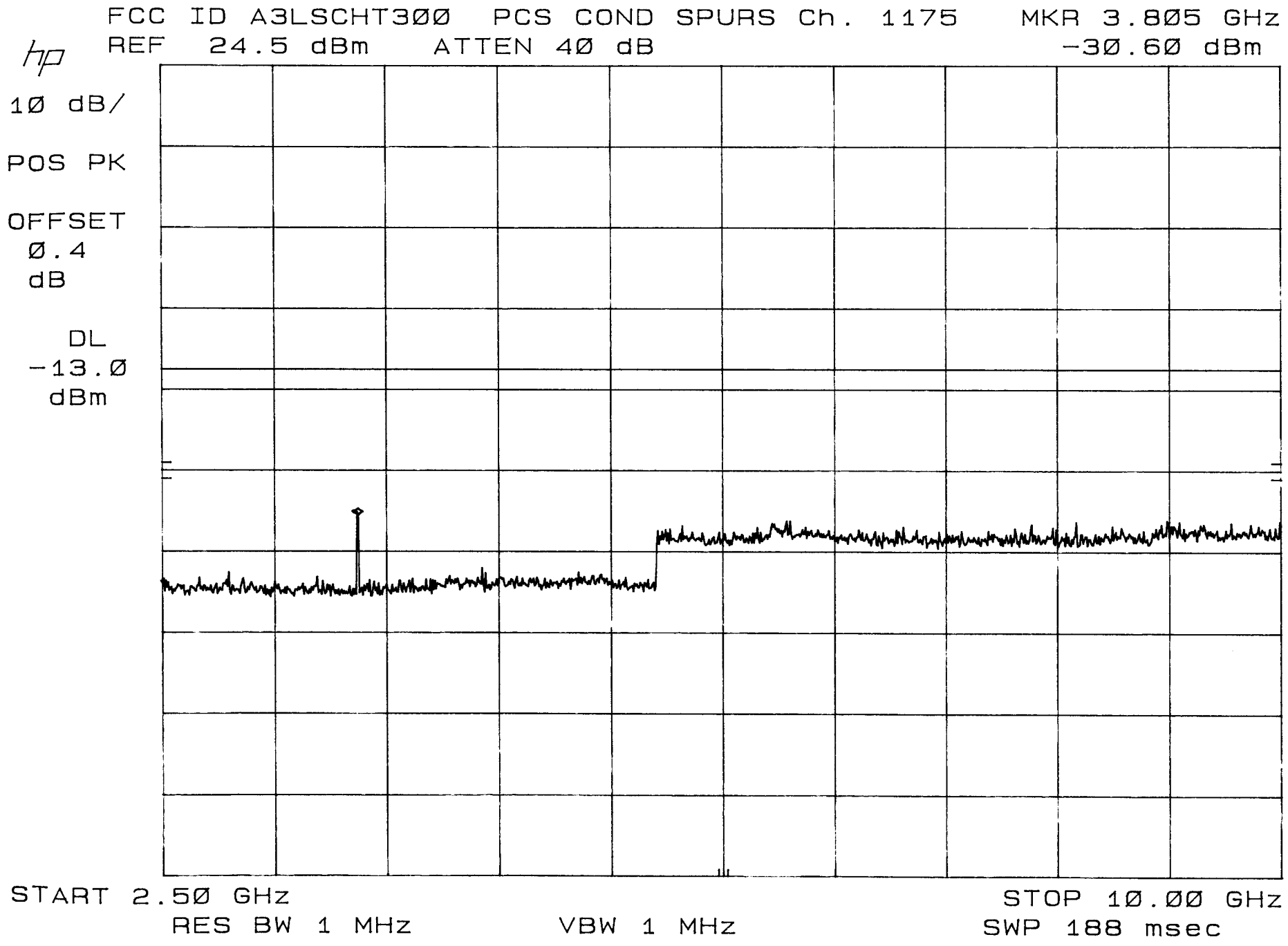

FCC ID A3LSCHT300 CDMA POWER OUT Ch. 0363
REF 26.0 dBm ATTEN 40 dB
10 dB/
POS PK
OFFSET
0.2
dB
CENTER 835.9 MHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

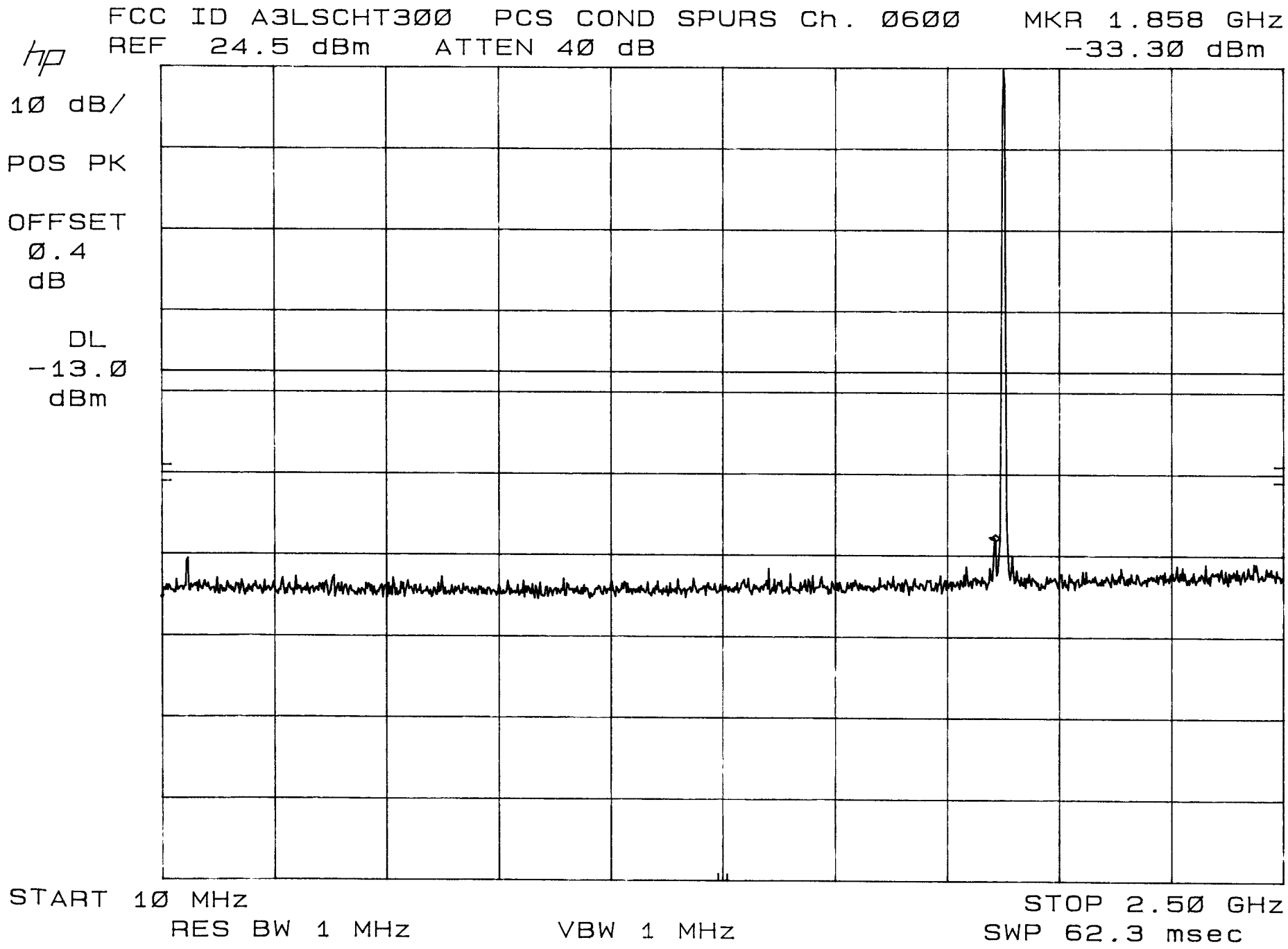

FCC ID A3LSCHT300 CDMA Ch. 1013
REF 26.0 dBm ATTEN 40 dB
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
CENTER 824.00 MHz
RES BW 30 kHz
VBW 30 kHz
SPAN 5.00 MHz
SWP 20.0 msec

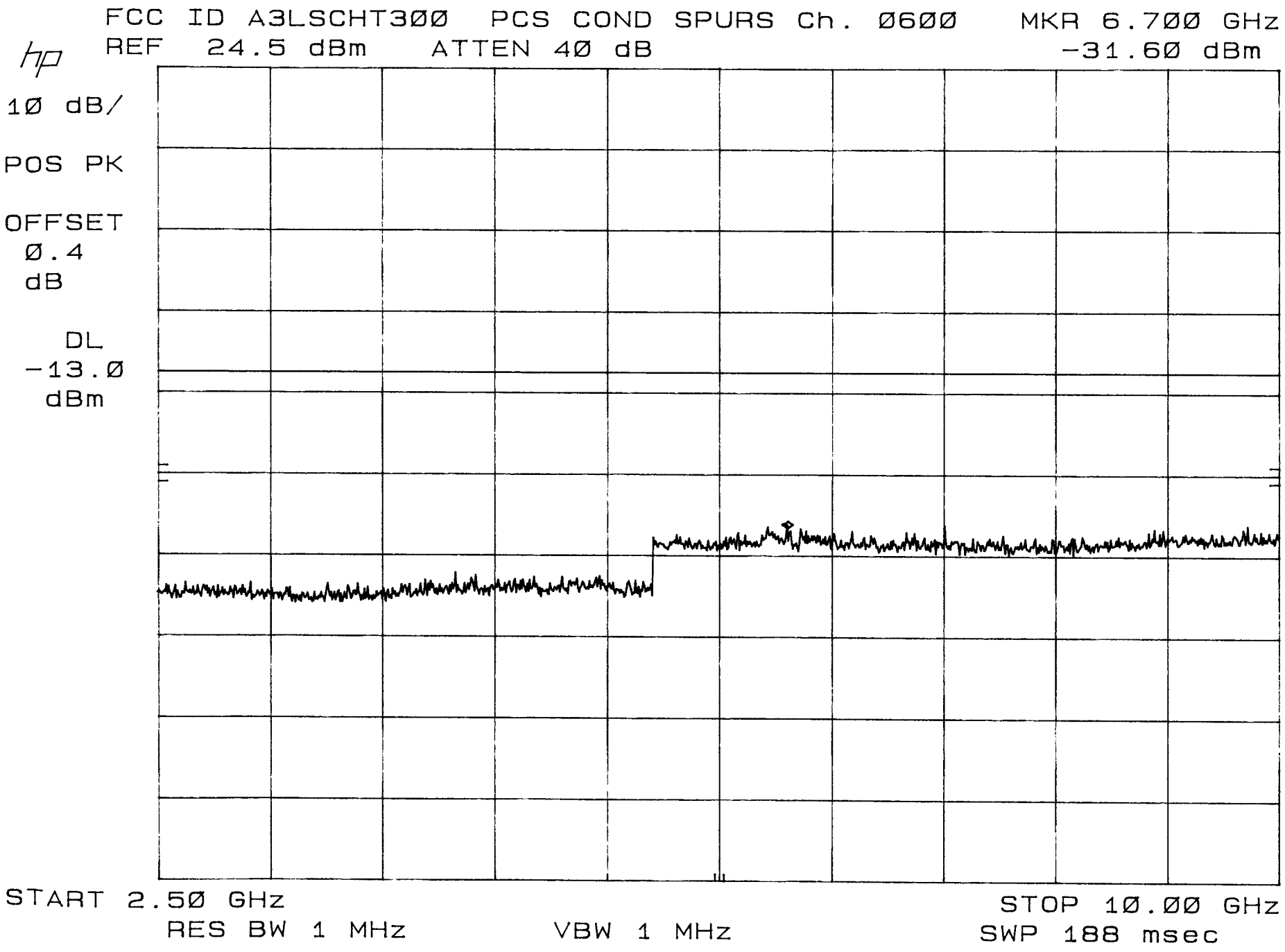

FCC ID A3LSCHT300 CDMA Ch. 0777
REF 26.0 dBm ATTEN 40 dB
10 dB/
POS PK
OFFSET
0.2
dB
DL
-13.0
dBm
CENTER 849.00 MHz
RES BW 30 kHz
VBW 30 kHz
SPAN 5.00 MHz
SWP 20.0 msec

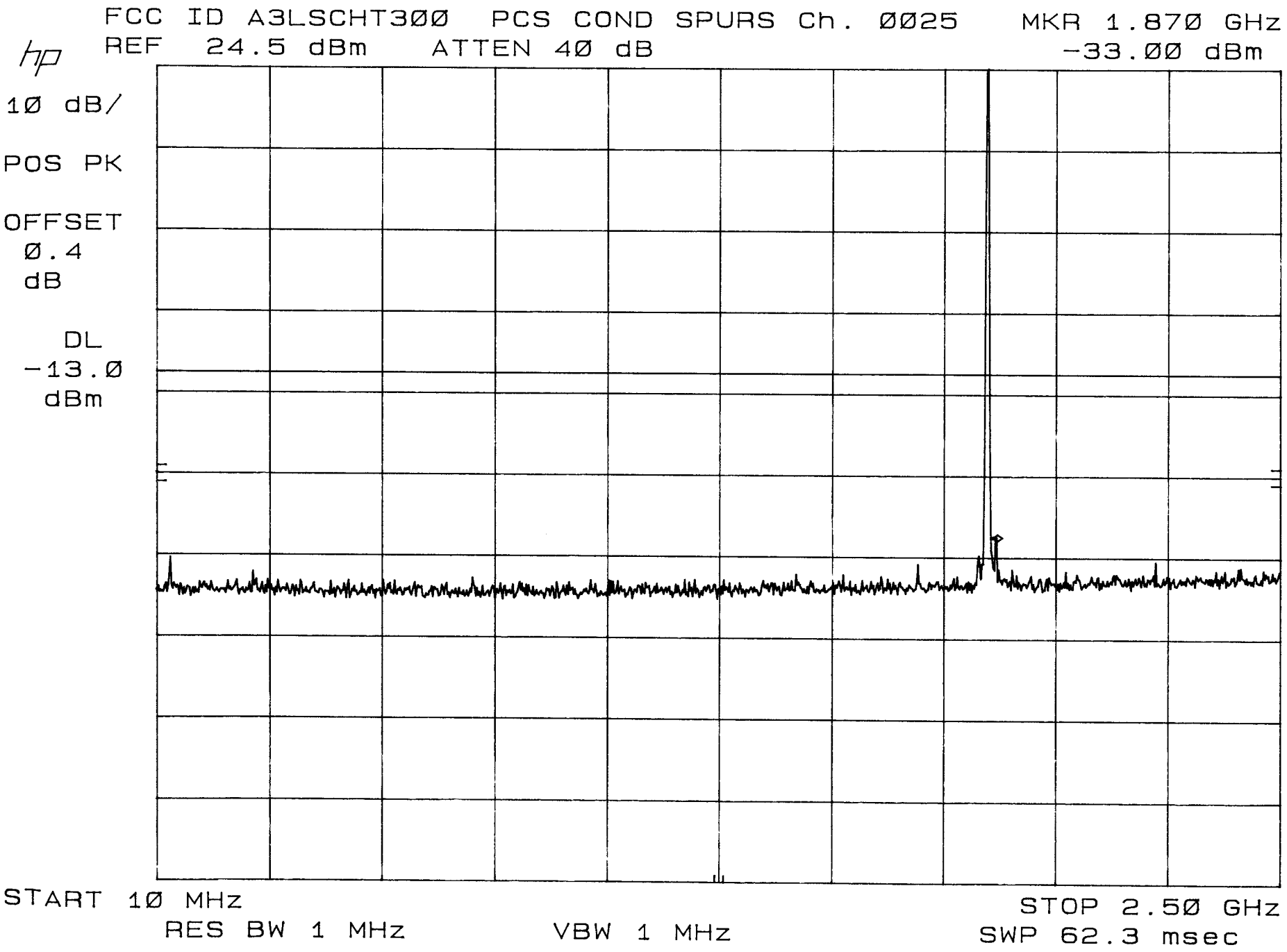

Agilent 18:53:08 Nov 7, 2000
FCC ID: A3LSCHT300 CDMA POWER OUT Ch. 0363
Ref 26 dBm
Atten 40 dB
Samp
Log
10
dB/
Offst
0.2
dB
Center 835.9 MHz
Span 3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.167 ms (401 pts)
Channel Power Results (idle)
Channel Power
26.00 dBm
Integration BW 2.000 MHz
Density -37.01 dBm/Hz
Freq/Channel
Center Freq
835.900000 MHz
Start Freq
834.400000 MHz
Stop Freq
837.400000 MHz
CF Step
300.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

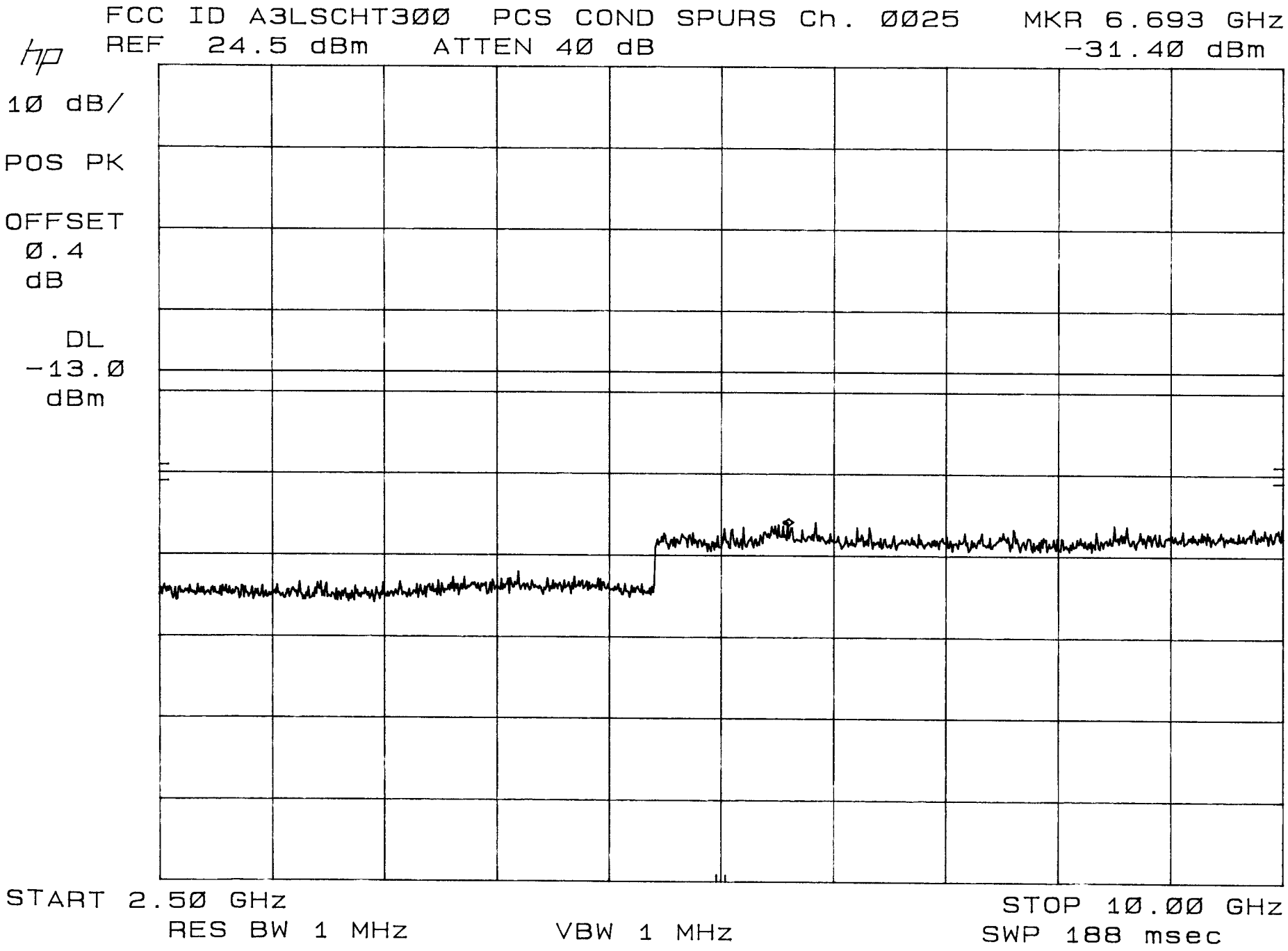

FCC ID A3LSCHT300 PCS COND SPURS Ch. 1175 MKR 1.887 GHz
REF 24.5 dBm ATTEN 40 dB -30.60 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

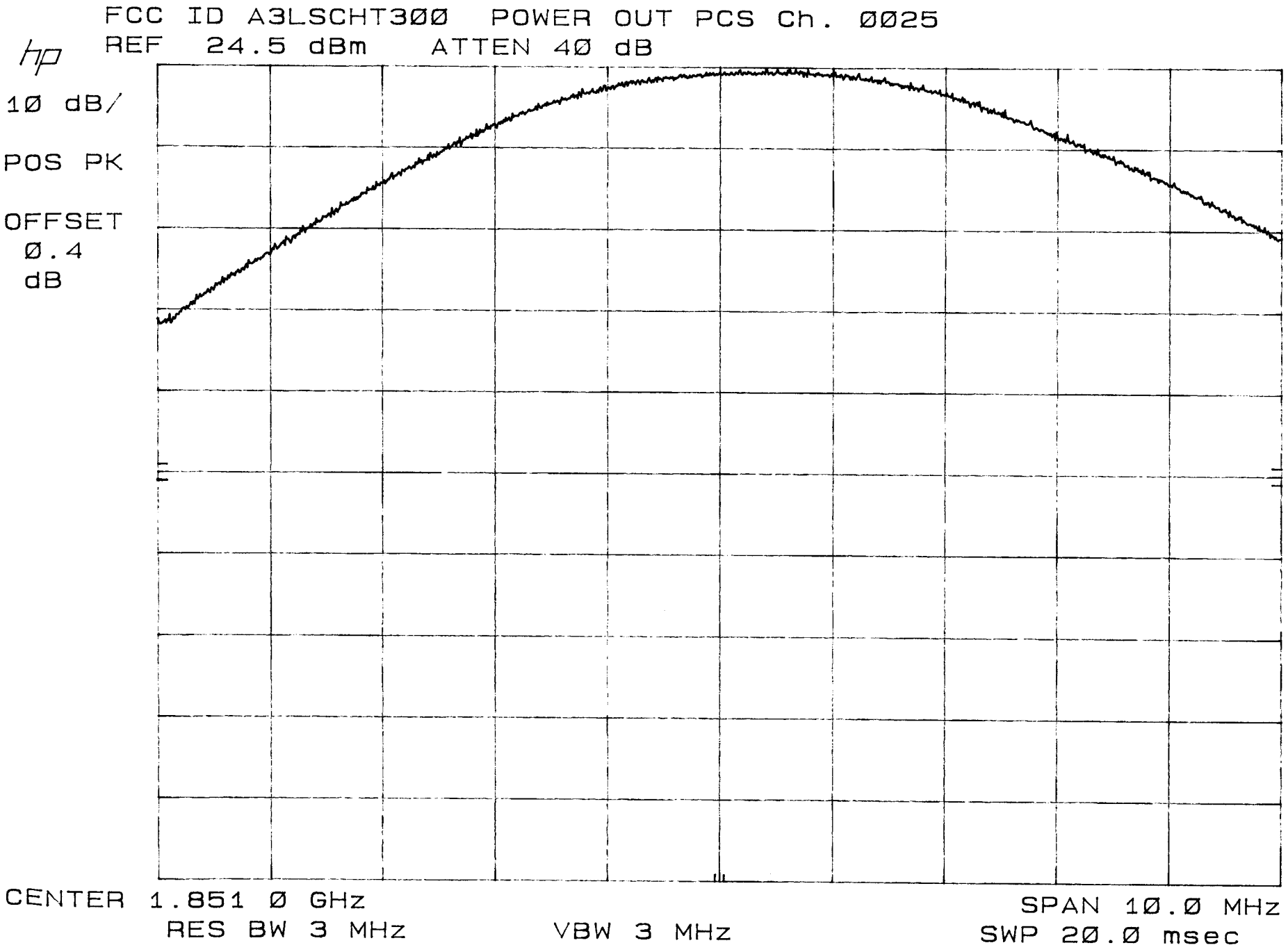

FCC ID A3LSCHT300 PCS COND SPURS Ch. 1175 MKR 3.805 GHz
REF 24.5 dBm ATTEN 40 dB −30.60 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
−13.0
dBm
START 2.500 GHz
STOP 10.000 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec


FCC ID A3LSCHT300 PCS COND SPURS Ch. 0600
MKR 1.858 GHz
REF 24.5 dBm
ATTEN 40 dB
-33.30 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.500 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

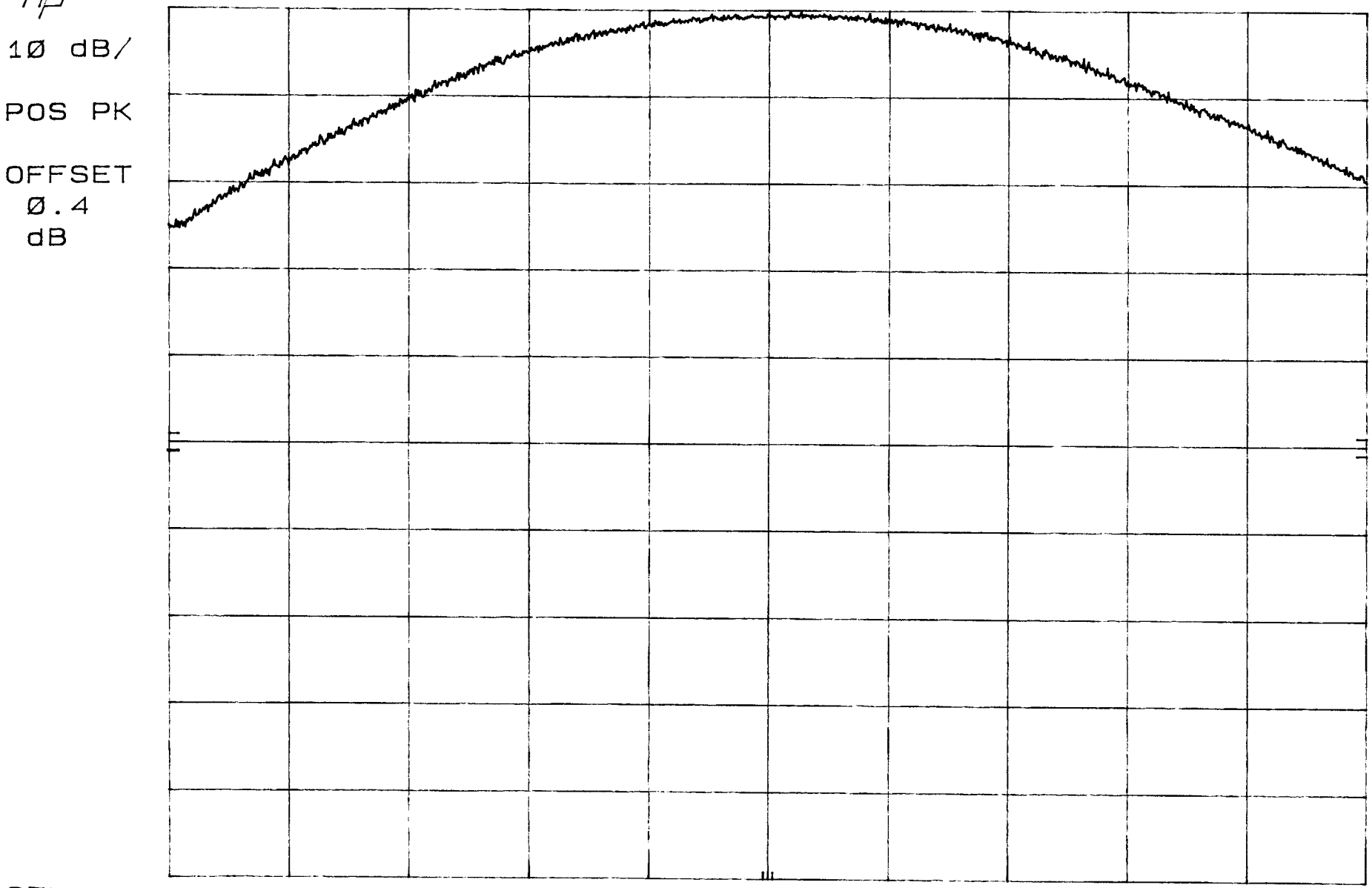

FCC ID A3LSCHT300 PCS COND SPURS Ch. 0600
MKR 6.700 GHz
REF 24.5 dBm
ATTEN 40 dB
-31.60 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
START 2.500 GHz
STOP 10.000 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

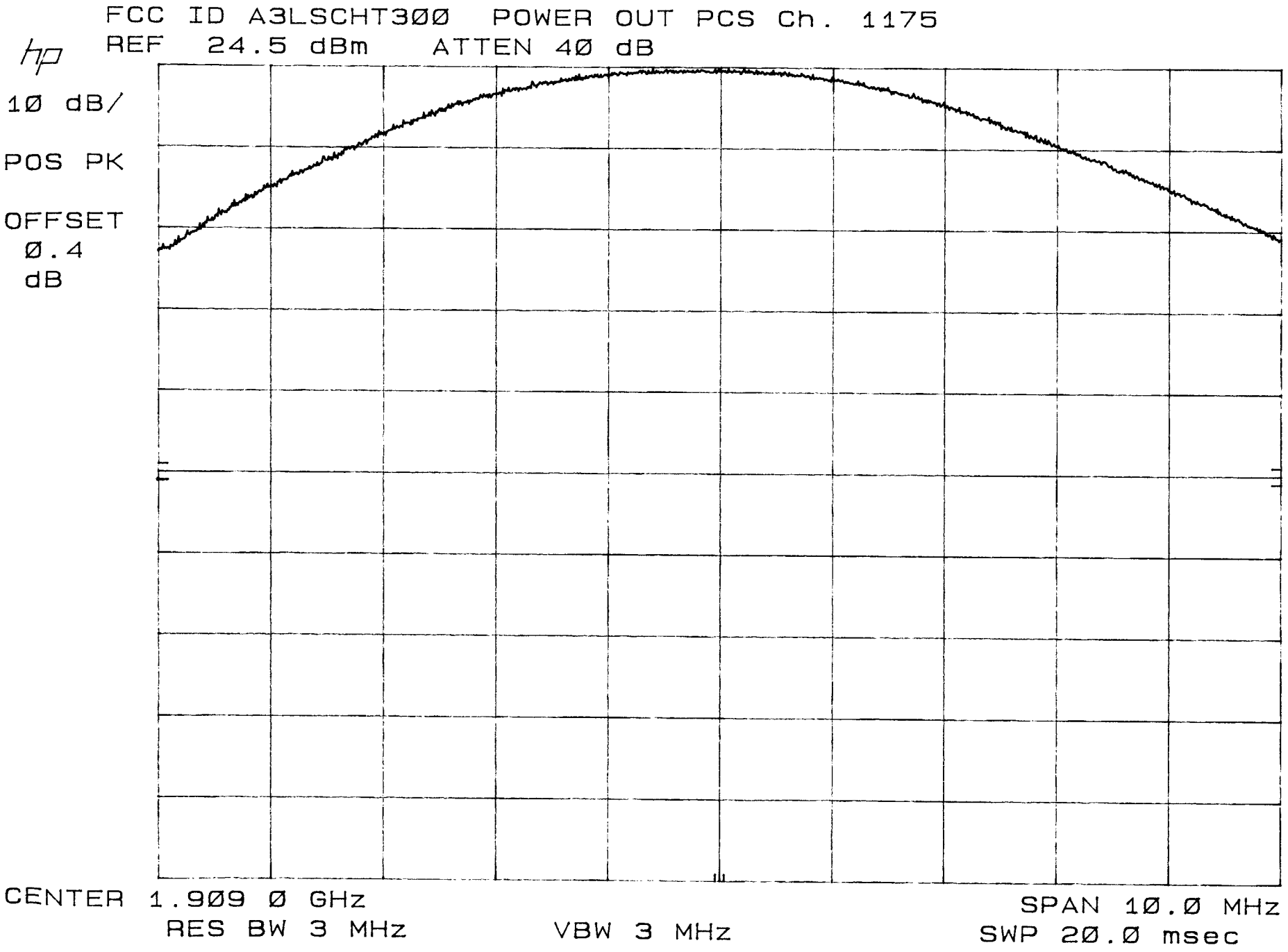

FCC ID A3LSCHT300 PCS COND SPURS Ch. 0025
MKR 1.870 GHz
REF 24.5 dBm
ATTEN 40 dB
-33.00 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
START 10 MHz
STOP 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 62.3 msec

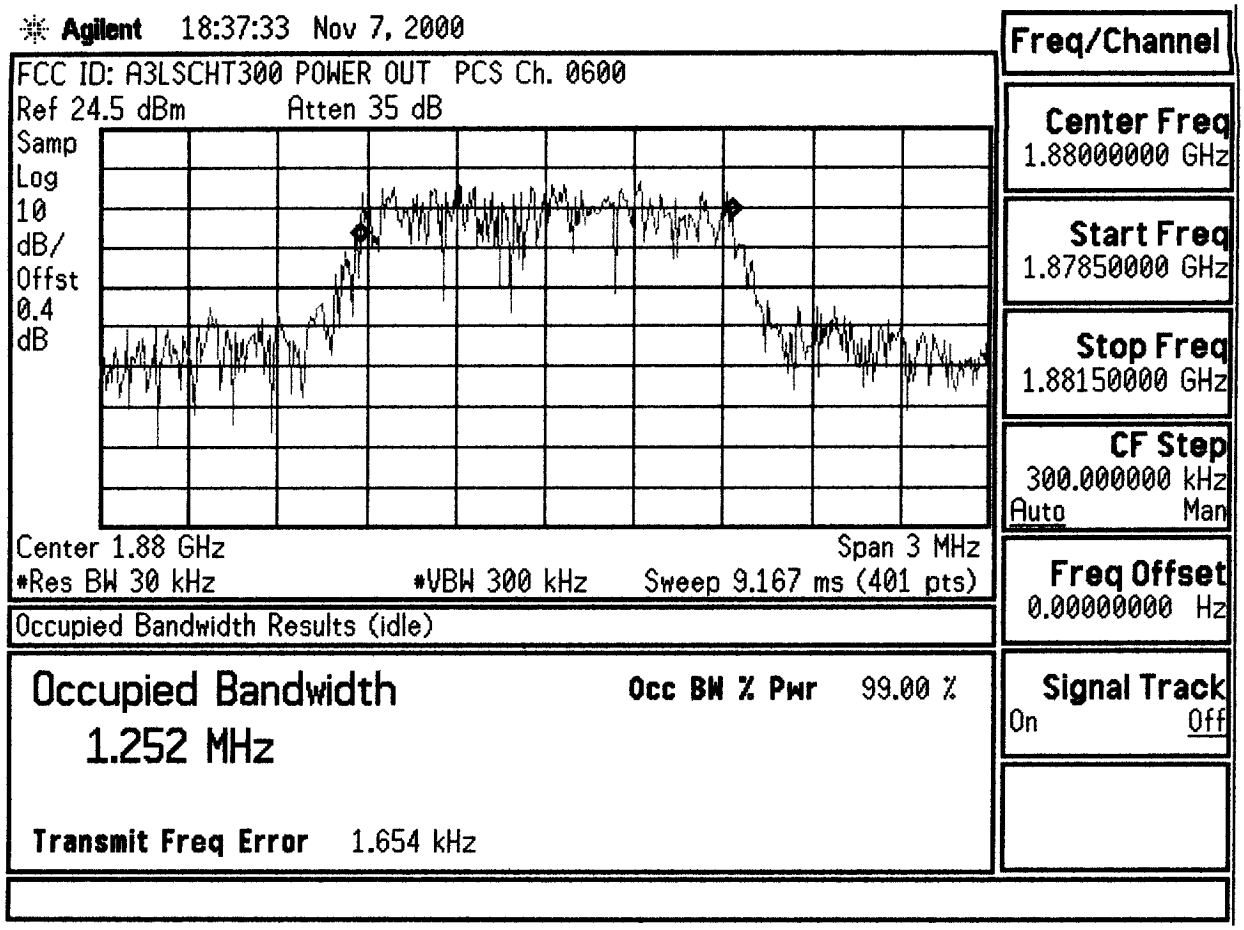

FCC ID A3LSCHT300 PCS COND SPURS Ch. 0025
MKR 6.693 GHz
REF 24.5 dBm
ATTEN 40 dB
-31.40 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
START 2.500 GHz
STOP 10.000 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

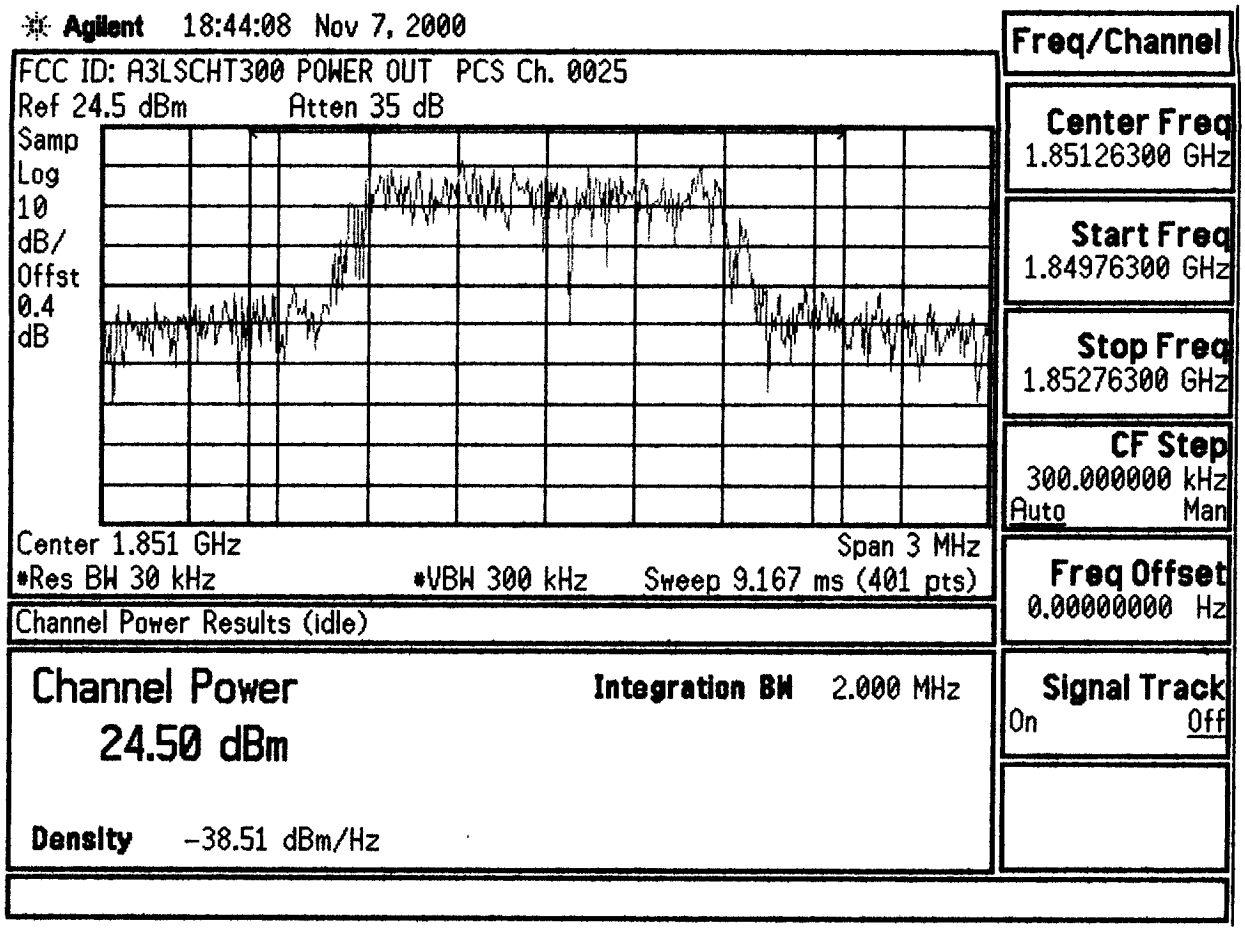

FCC ID A3LSCHT300 POWER OUT PCS Ch. 0025
REF 24.5 dBm ATTEN 40 dB
10 dB/
POS PK
OFFSET
0.4
dB
CENTER 1.851 0 GHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

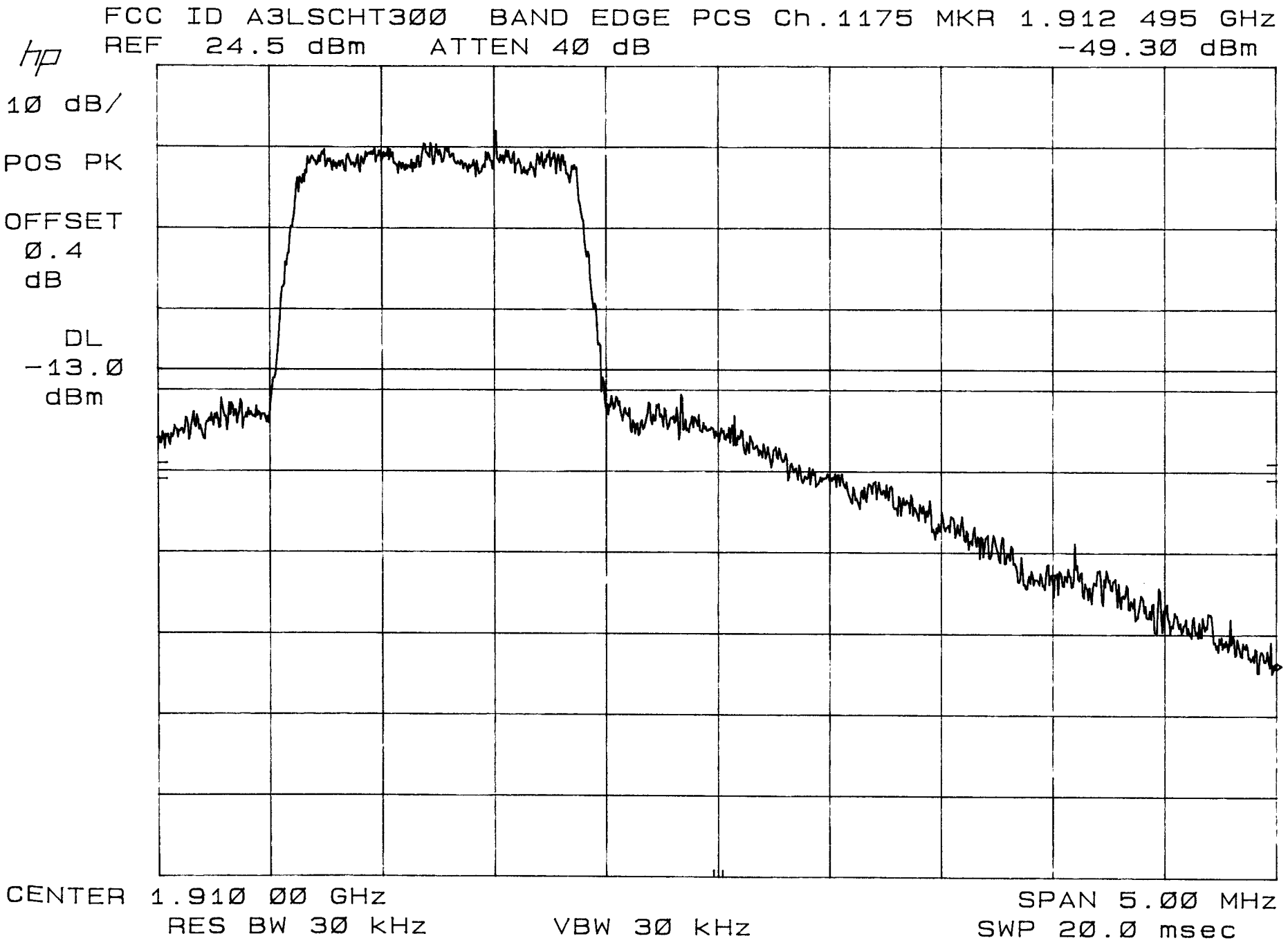
FCC ID A3LSCHT300 CDMA POWER OUT PCS Ch. 0600

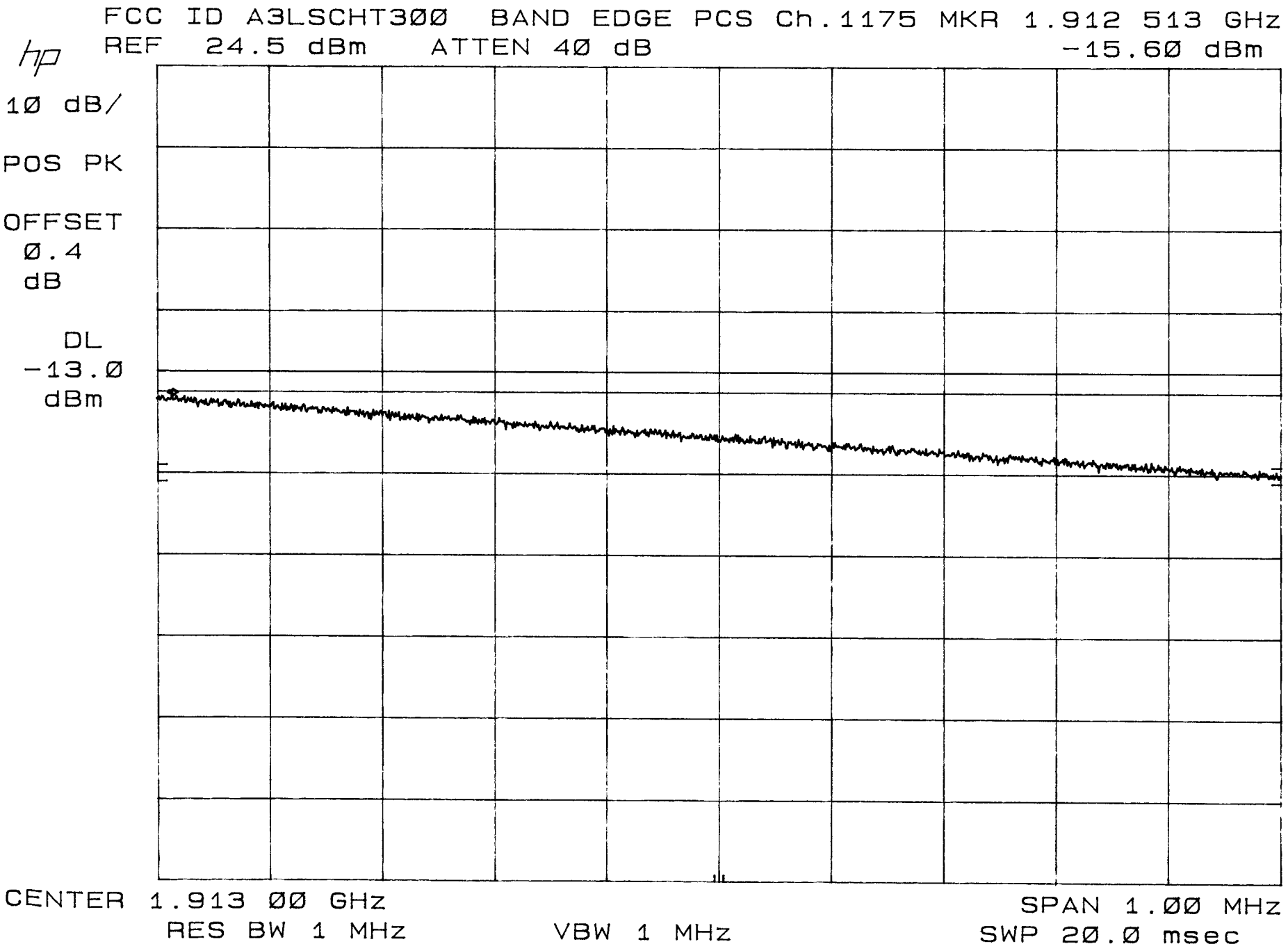


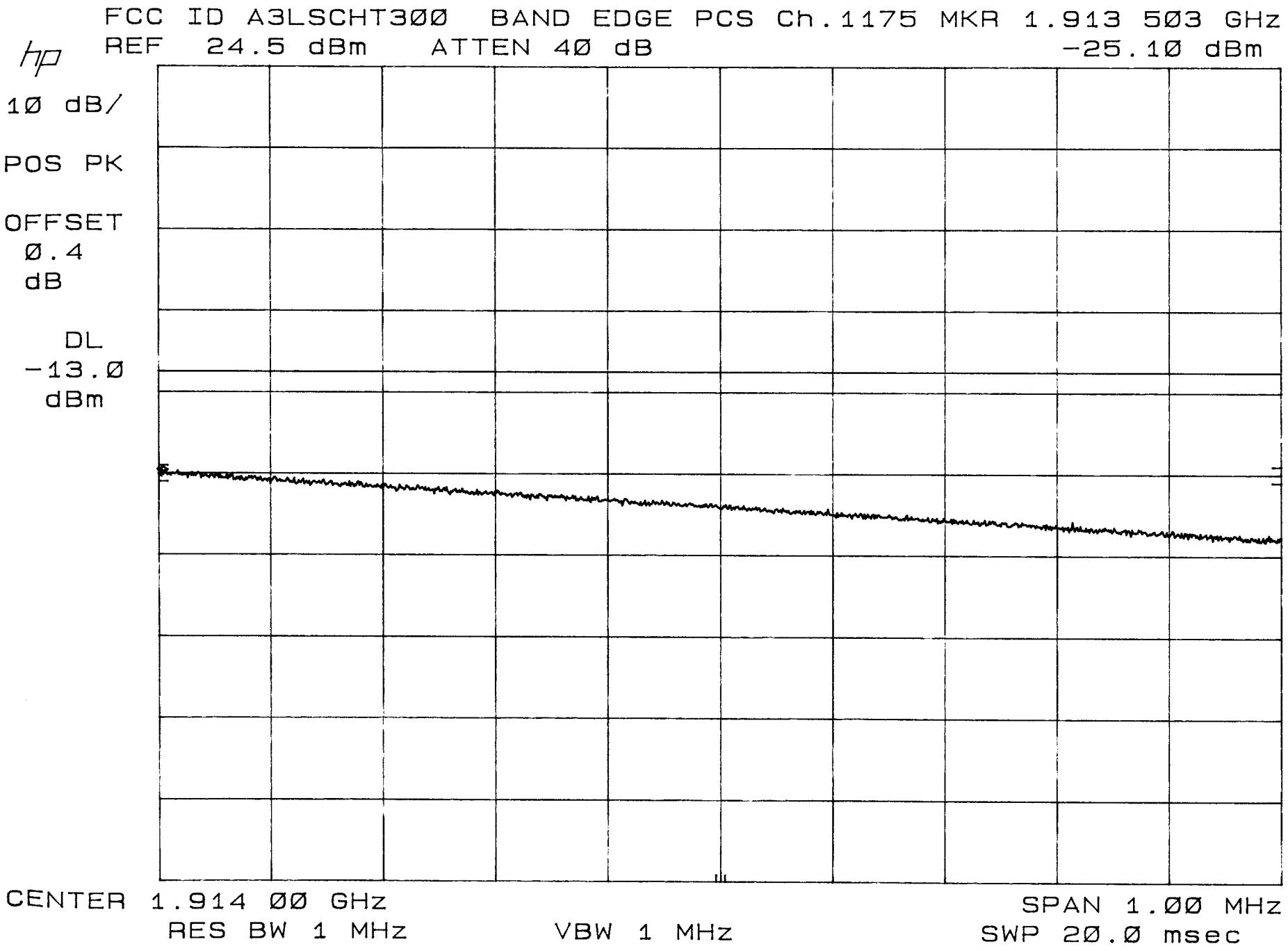

FCC ID A3LSCHT300 POWER OUT PCS Ch. 1175
REF 24.5 dBm ATTEN 40 dB
10 dB/
POS PK
OFFSET
0.4
dB
CENTER 1.909 0 GHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

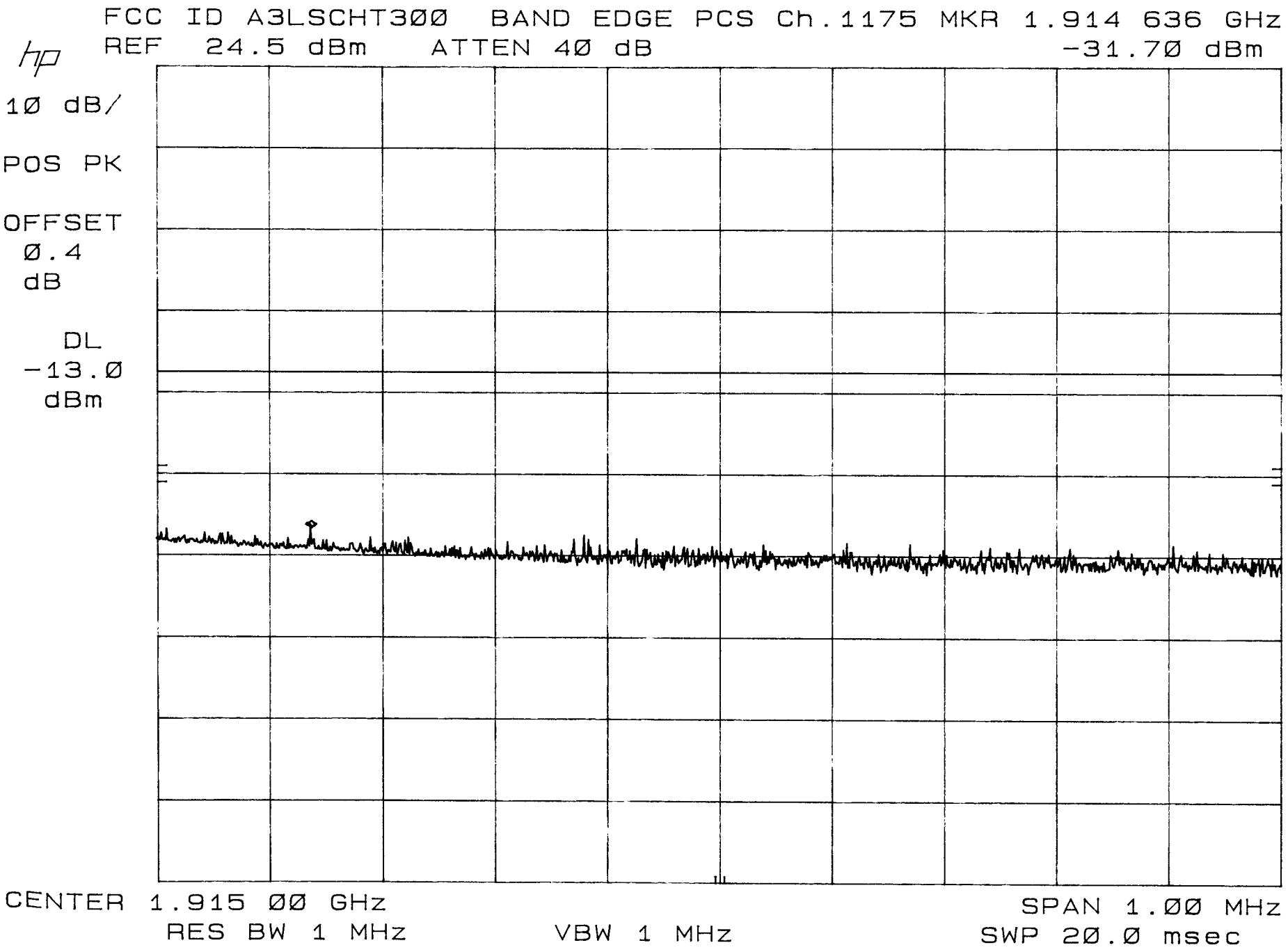

Agilent 18:37:33 Nov 7, 2000
FCC ID: A3LSCHT300 POWER OUT PCS Ch. 0600
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
0.4
dB
Center 1.88 GHz
Span 3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.167 ms (401 pts)
Occupied Bandwidth Results (idle)
Occupied Bandwidth
1.252 MHz
Occ BW % Pwr 99.00 %
Transmit Freq Error 1.654 kHz
Freq/Channel
Center Freq
1.88000000 GHz
Start Freq
1.87850000 GHz
Stop Freq
1.88150000 GHz
CF Step
300.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

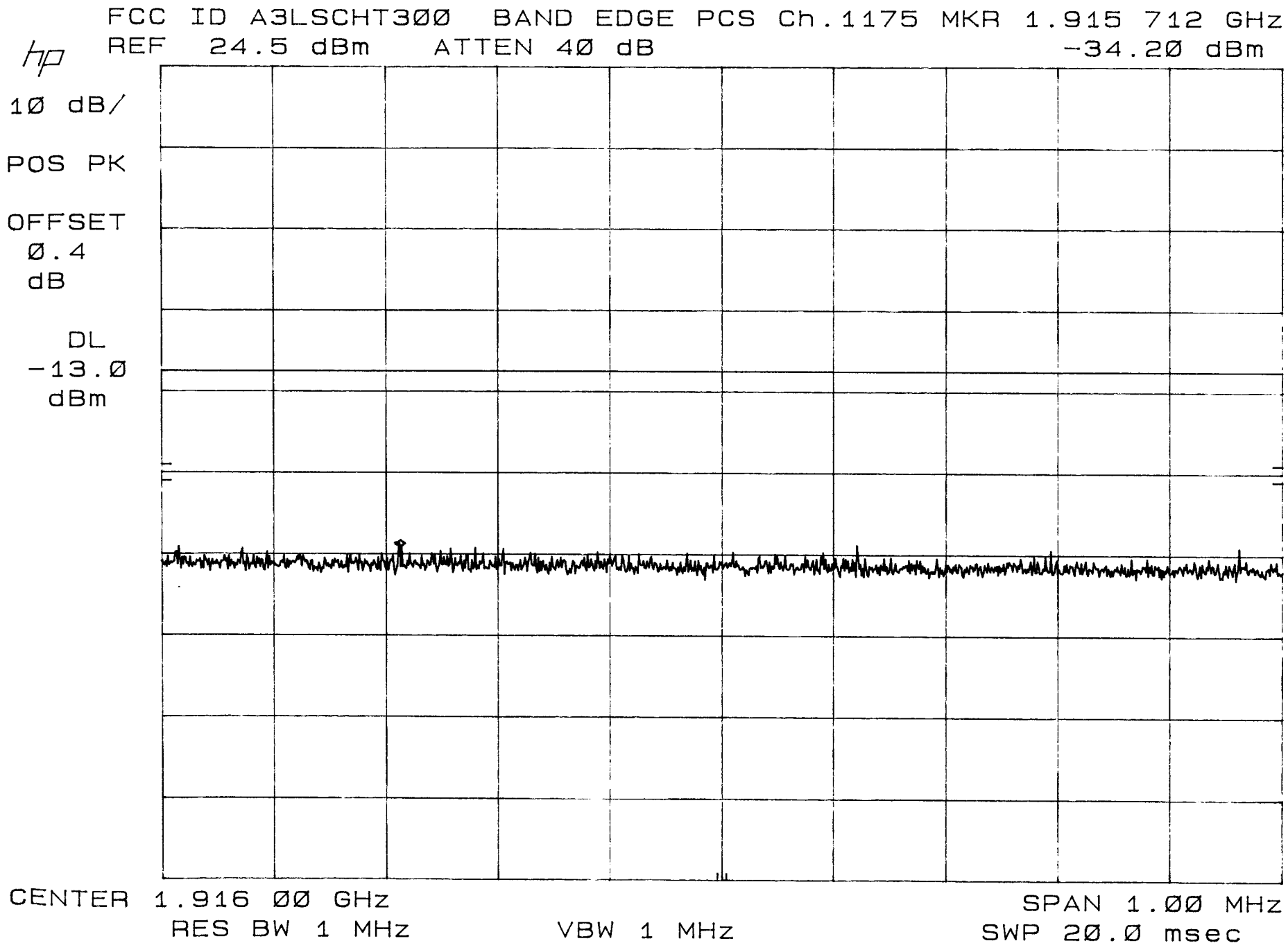

Agilent 18:44:08 Nov 7, 2000
FCC ID: A3LSCHT300 POWER OUT PCS Ch. 0025
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
0.4
dB
Center 1.851 GHz
Span 3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.167 ms (401 pts)
Channel Power Results (idle)
Channel Power
24.50 dBm
Integration BW 2.000 MHz
Density -38.51 dBm/Hz
Freq/Channel
Center Freq
1.85126300 GHz
Start Freq
1.84976300 GHz
Stop Freq
1.85276300 GHz
CF Step
300.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

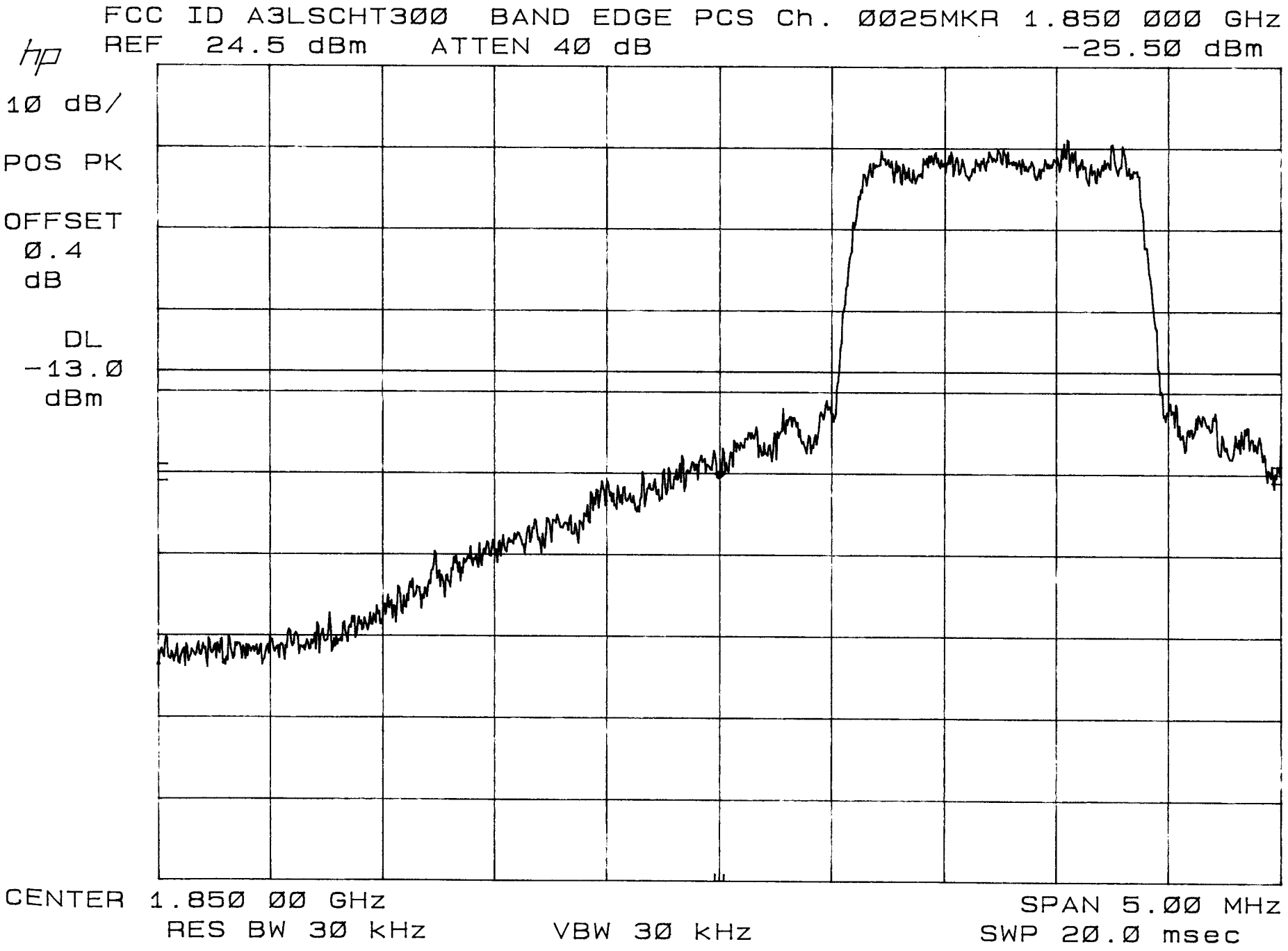

FCC ID A3LSCHT300 BAND EDGE PCS Ch.1175 MKR 1.912 495 GHz
REF 24.5 dBm ATTEN 40 dB -49.30 dBm
hp
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.910 00 GHz
SPAN 5.00 MHz
RES BW 30 kHz
VBW 30 kHz
SWP 20.0 msec

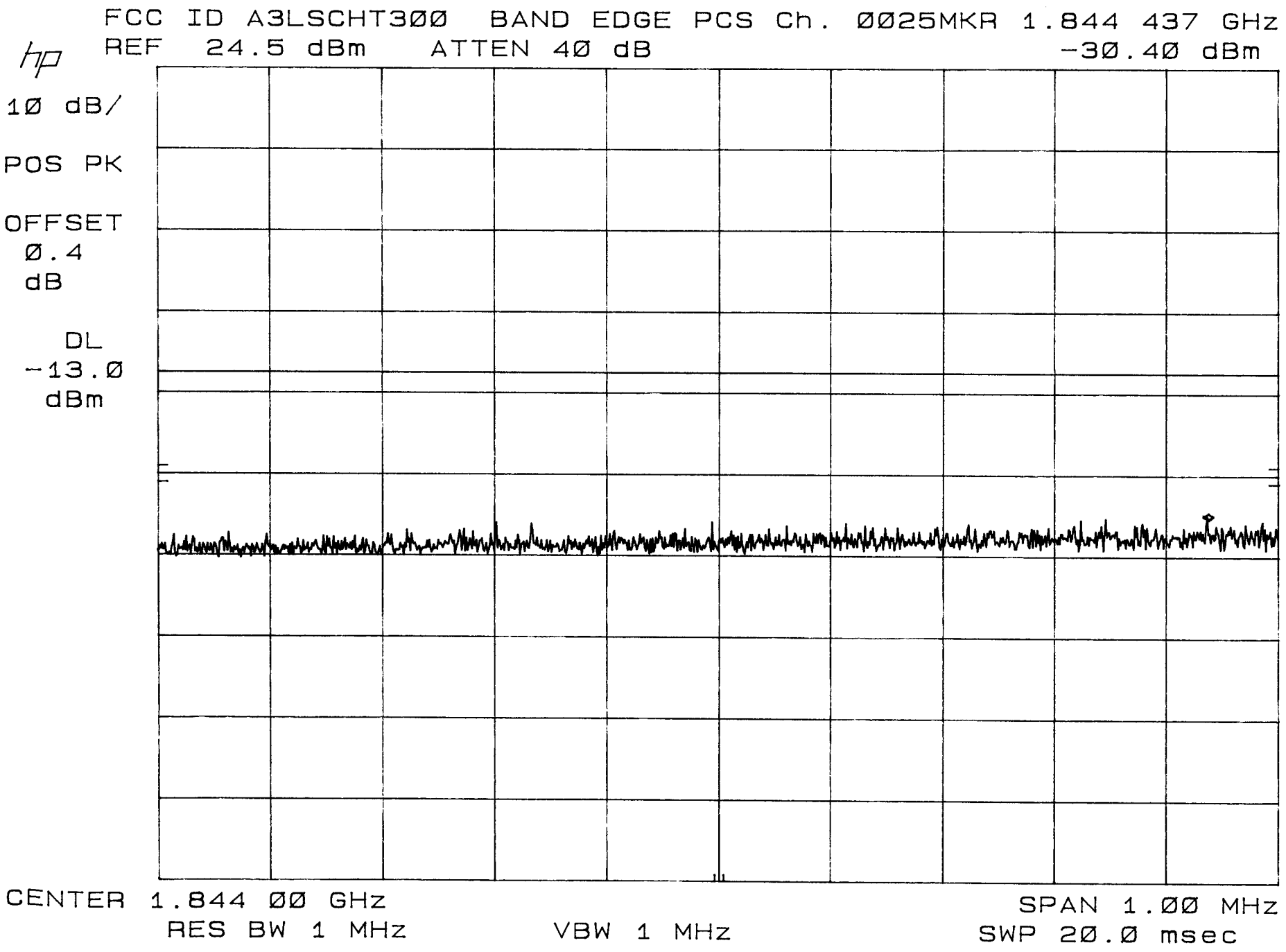

FCC ID A3LSCHT300 BAND EDGE PCS Ch.1175 MKR 1.912 513 GHz
REF 24.5 dBm ATTEN 40 dB -15.60 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.913 00 GHz
SPAN 1.00 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

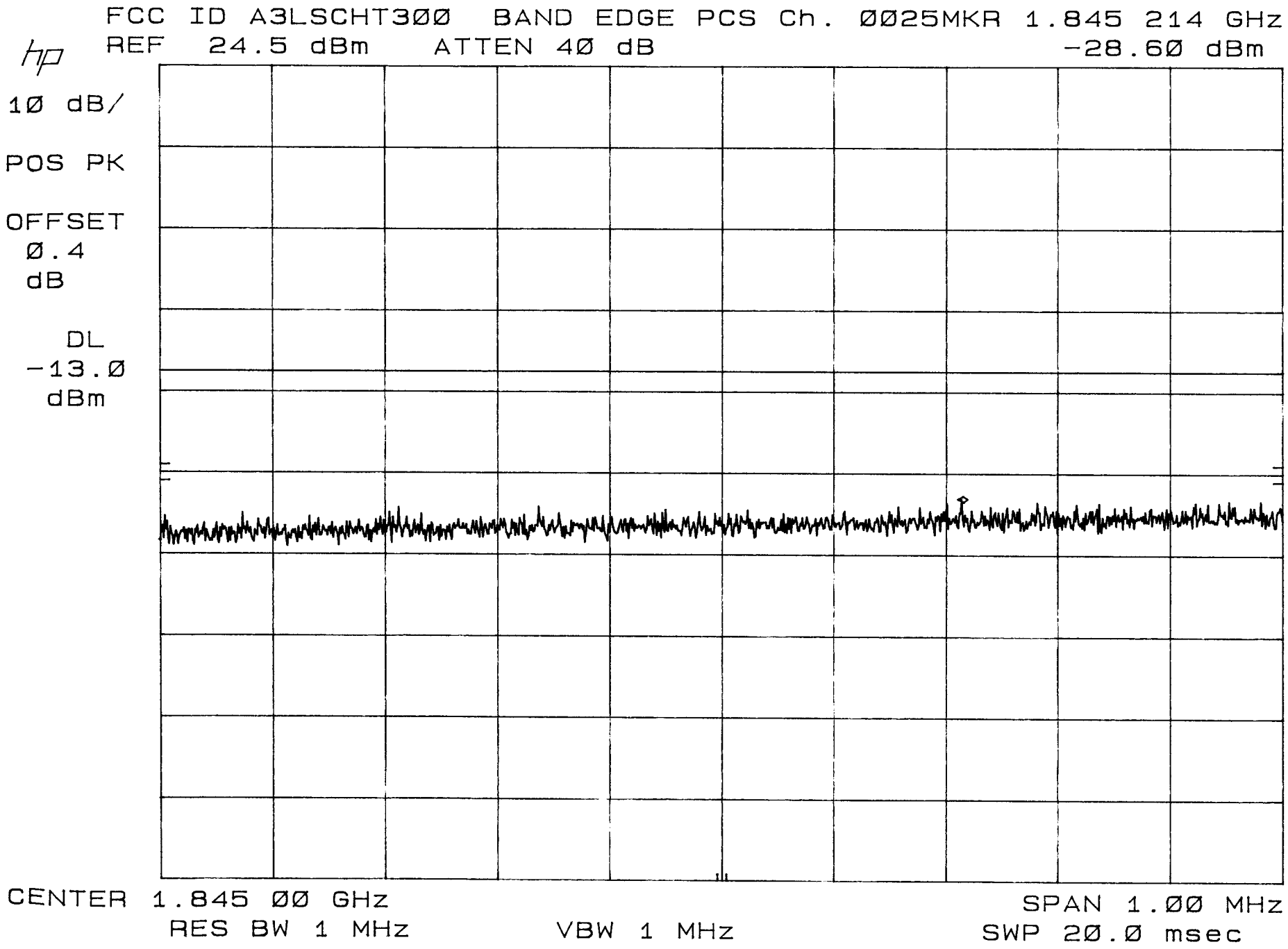

FCC ID A3LSCHT300 BAND EDGE PCS Ch.1175 MKR 1.913 503 GHz
REF 24.5 dBm ATTEN 40 dB -25.10 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.914 00 GHz
SPAN 1.00 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

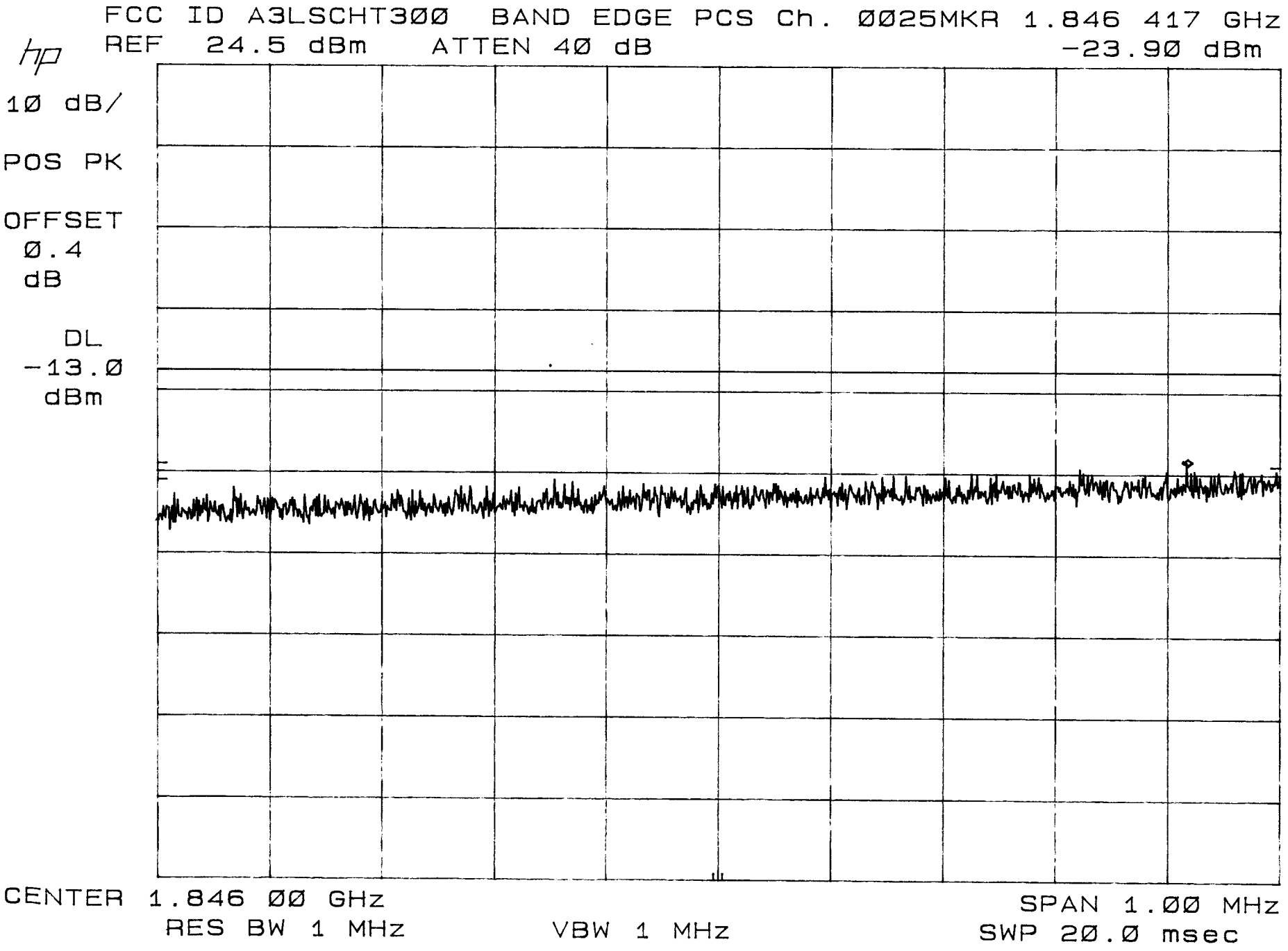

FCC ID A3LSCHT300 BAND EDGE PCS Ch.1175 MKR 1.914 636 GHz
REF 24.5 dBm ATTEN 40 dB -31.70 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.915 00 GHz
SPAN 1.00 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

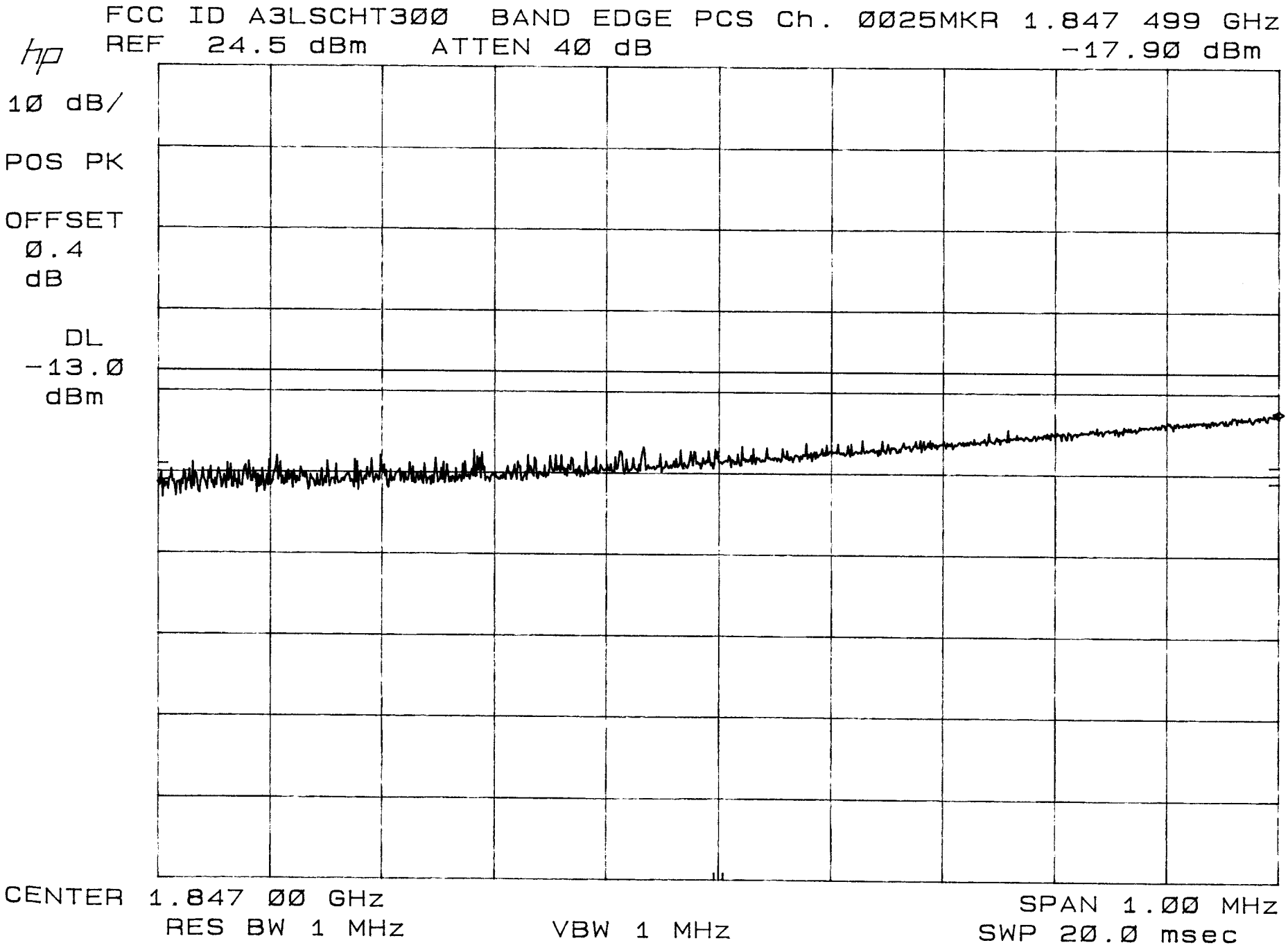

FCC ID A3LSCHT300 BAND EDGE PCS Ch.1175 MKR 1.915 712 GHz
REF 24.5 dBm ATTEN 40 dB -34.20 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.916 00 GHz
SPAN 1.00 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec


FCC ID A3LSCHT300 BAND EDGE PCS Ch. 0025MKR 1.850 000 GHz
REF 24.5 dBm ATTEN 40 dB -25.50 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.850 00 GHz
RES BW 30 kHz
VBW 30 kHz
SPAN 5.00 MHz
SWP 20.0 msec


FCC ID A3LSCHT300 BAND EDGE PCS Ch. 0025MKR 1.844 437 GHz
REF 24.5 dBm ATTEN 40 dB -30.40 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.844 00 GHz
SPAN 1.00 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec


FCC ID A3LSCHT300 BAND EDGE PCS Ch. 0025MKR 1.845 214 GHz
REF 24.5 dBm ATTEN 40 dB -28.60 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.845 00 GHz
SPAN 1.00 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

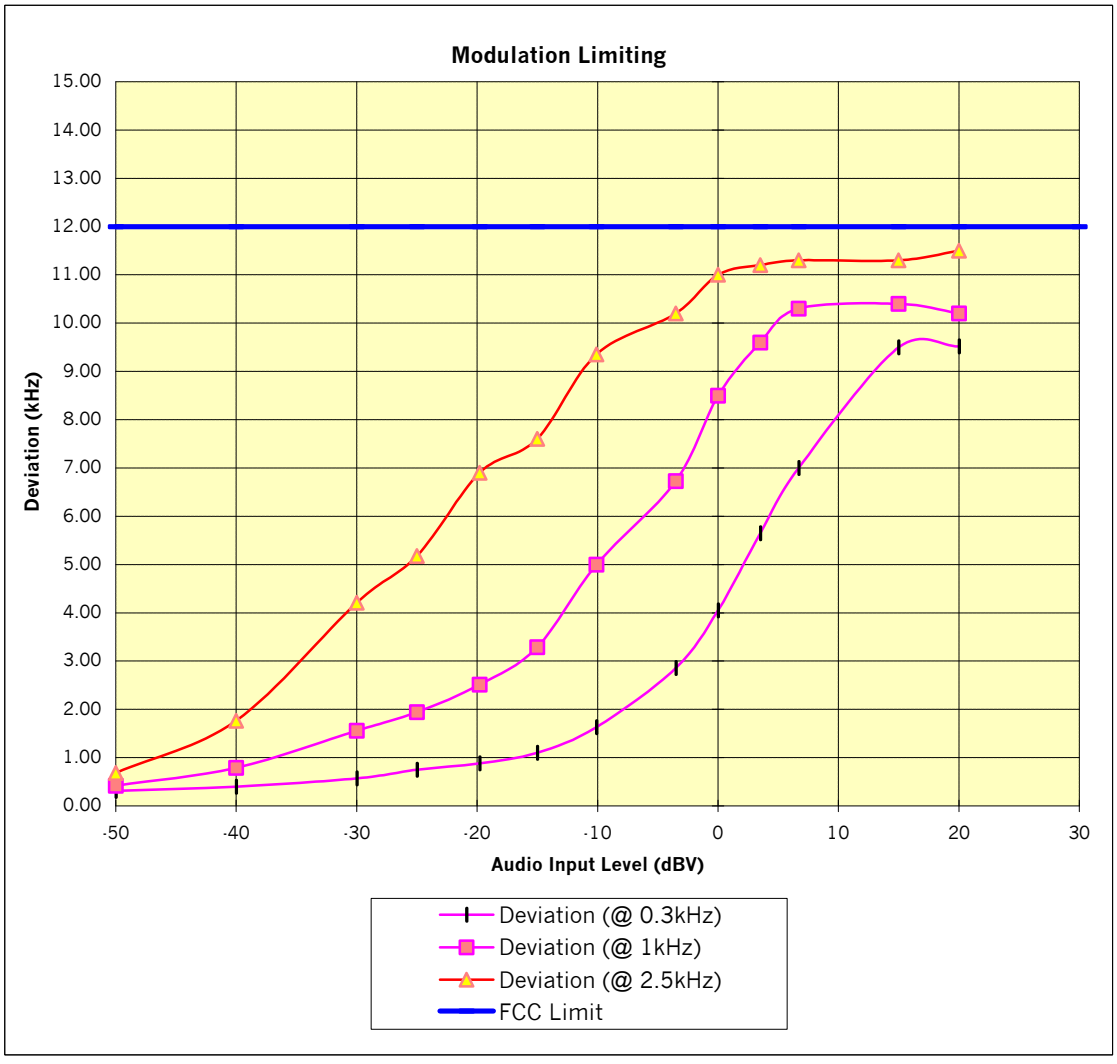

FCC ID A3LSCHT300 BAND EDGE PCS Ch. 0025MKR 1.846 417 GHz
REF 24.5 dBm ATTEN 40 dB -23.90 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.846 00 GHz
SPAN 1.00 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec


FCC ID A3LSCHT300 BAND EDGE PCS Ch. 0025MKR 1.847 499 GHz
REF 24.5 dBm ATTEN 40 dB
-17.90 dBm
10 dB/
POS PK
OFFSET
0.4
dB
DL
-13.0
dBm
CENTER 1.847 00 GHz
RES BW 1 MHz
VBW 1 MHz
SPAN 1.00 MHz
SWP 20.0 msec

SUBJECT:	Modulation Characteristics	Test Report No.:	22/24.201023529.A3L
	FCC Part 22/24	Test Date:	10.26.2000

EUT: SAMSUNG Tri-Mode Cellular Phone (AMPS/CDMA)
Model: *SCH-T300*
FCC ID: **A3LSCHT300**

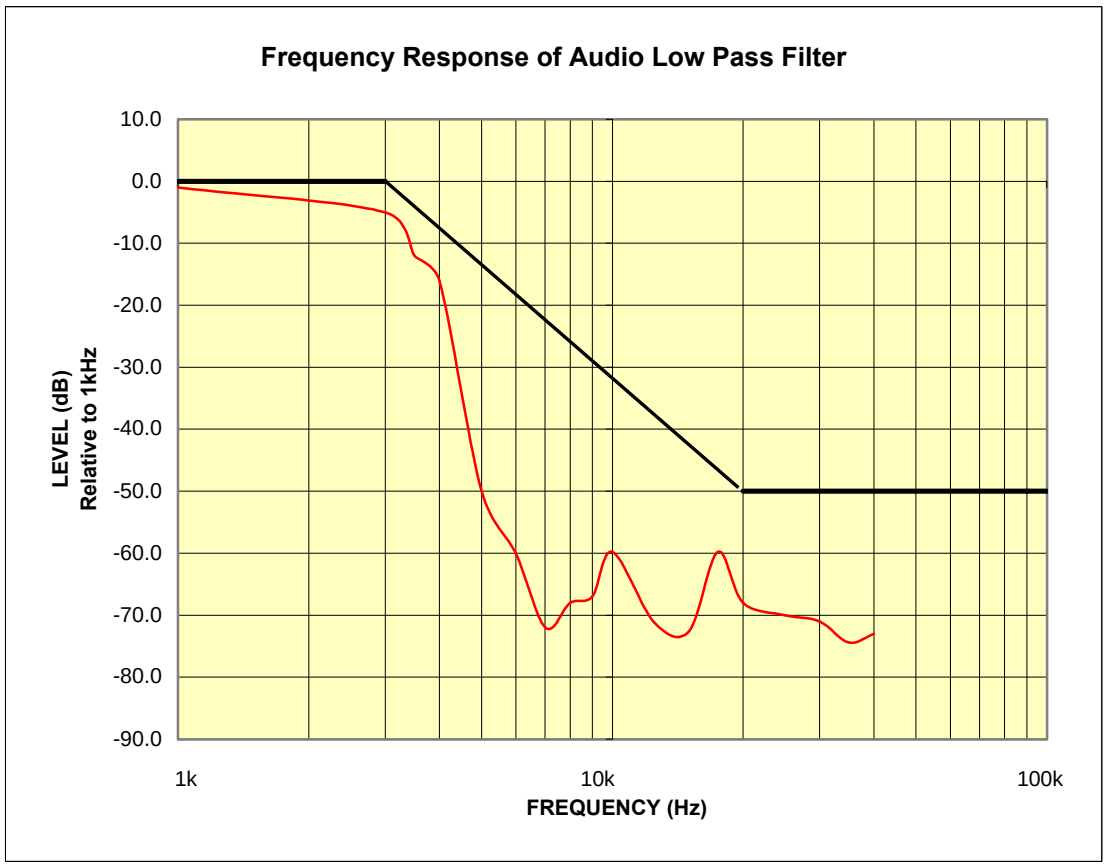
MODE: Audio 1V = 0dB @ 2.5 kHz



SUBJECT:	Modulation Characteristics	Test Report No.:	22/24.201023529.A3L
	FCC Part 22/24	Test Date:	10.26.2000

EUT: SAMSUNG Tri-Mode Cellular Phone (AMPS/CDMA)
Model: *SCH-T300*
FCC ID: **A3LSCHT300**

REFERENCE: 1 kHz = 0 dB



SUBJECT:	Modulation Characteristics	Test Report No.:	22/24.201023529.A3L
	FCC Part 22/24	Test Date:	10.26.2000

EUT: SAMSUNG Tri-Mode Cellular Phone (AMPS/CDMA)
Model: *SCH-T300*
FCC ID: **A3LSCHT300**

REFERENCE: 1 kHz = 0 dB