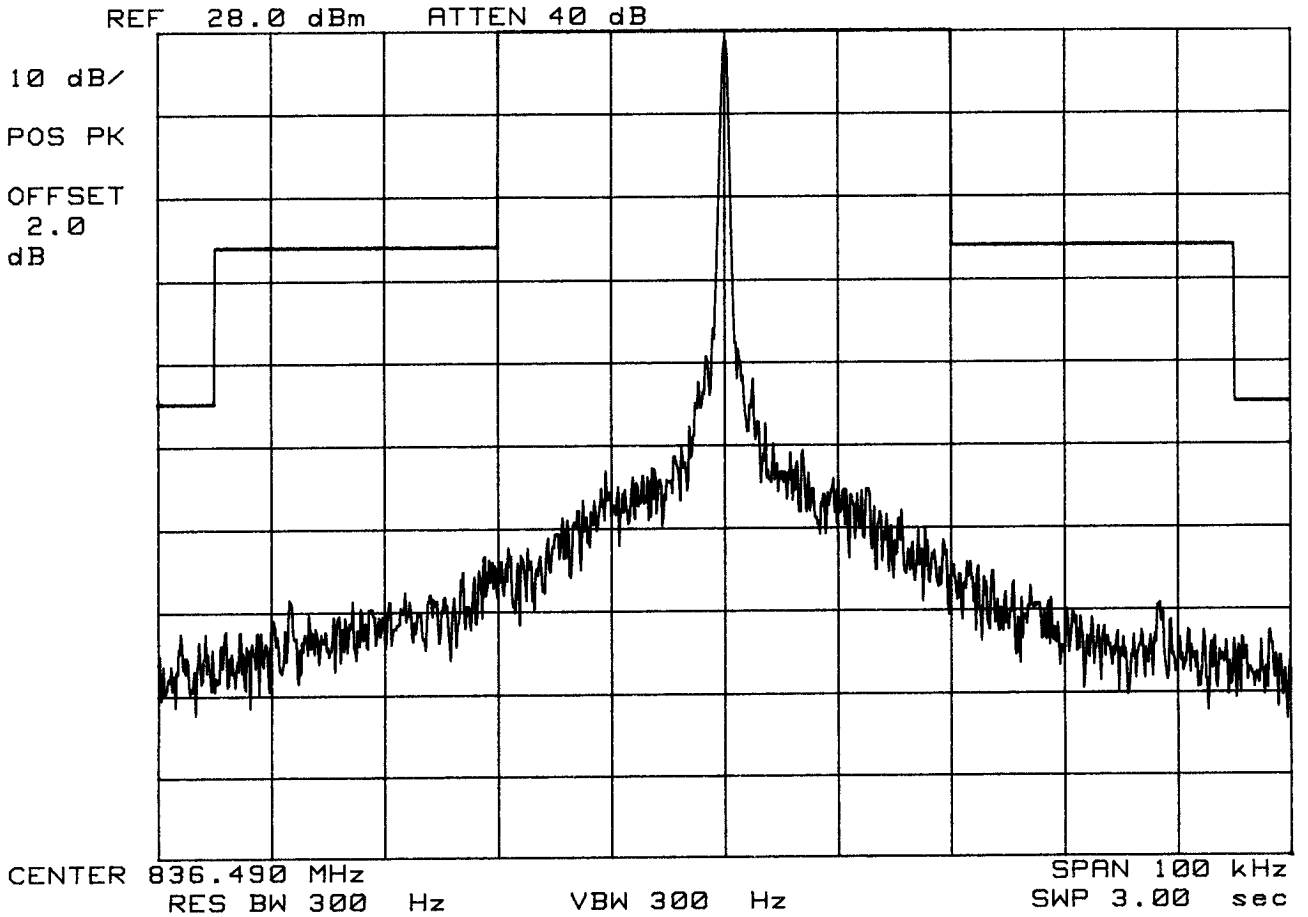
PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2500
Channel 383
SAMSUNG TRI-MODE Phone
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:Unmodulated Signal

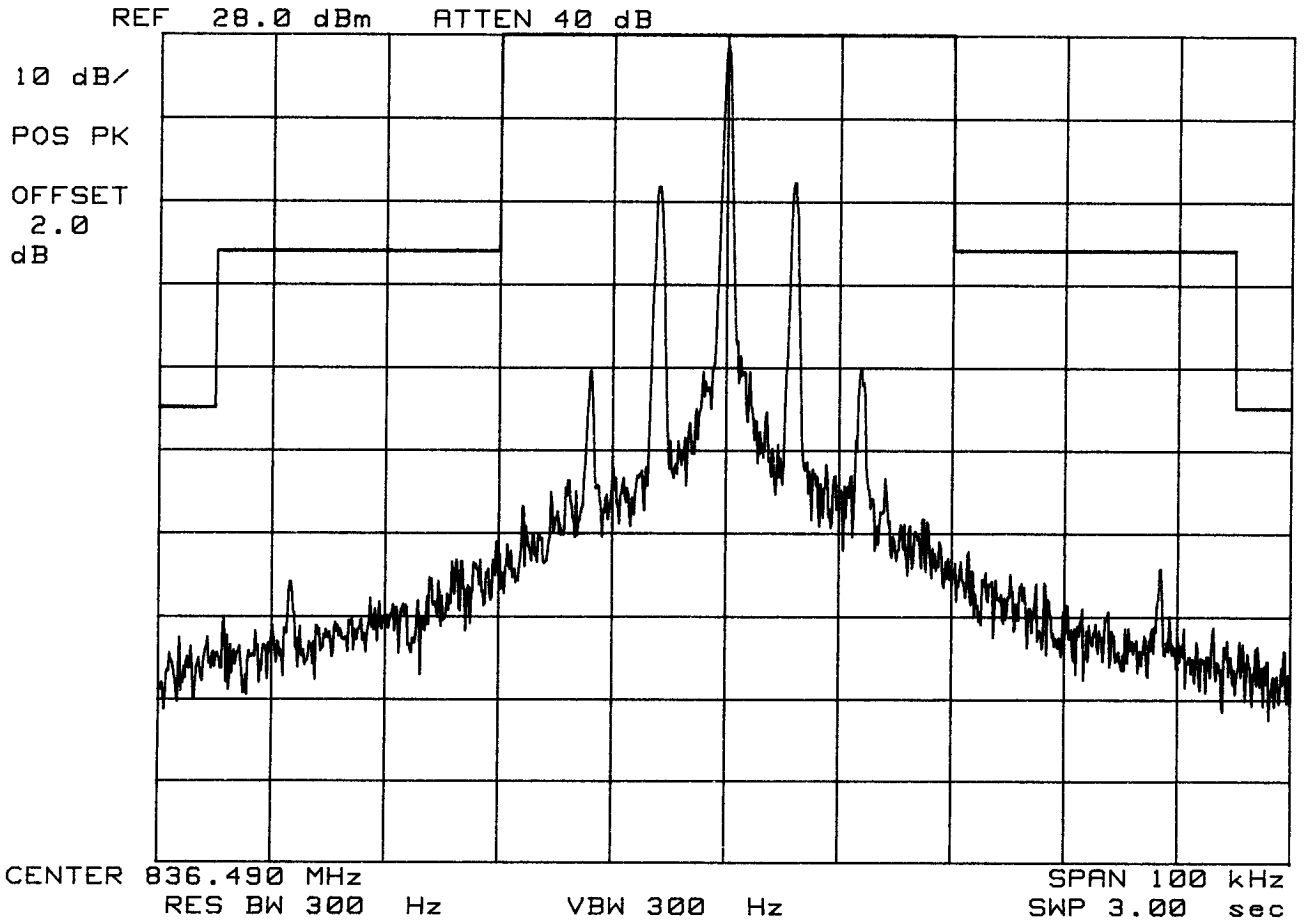


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2500
Channel 383
SAMSUNG TRI-MODE Phone
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:SAT

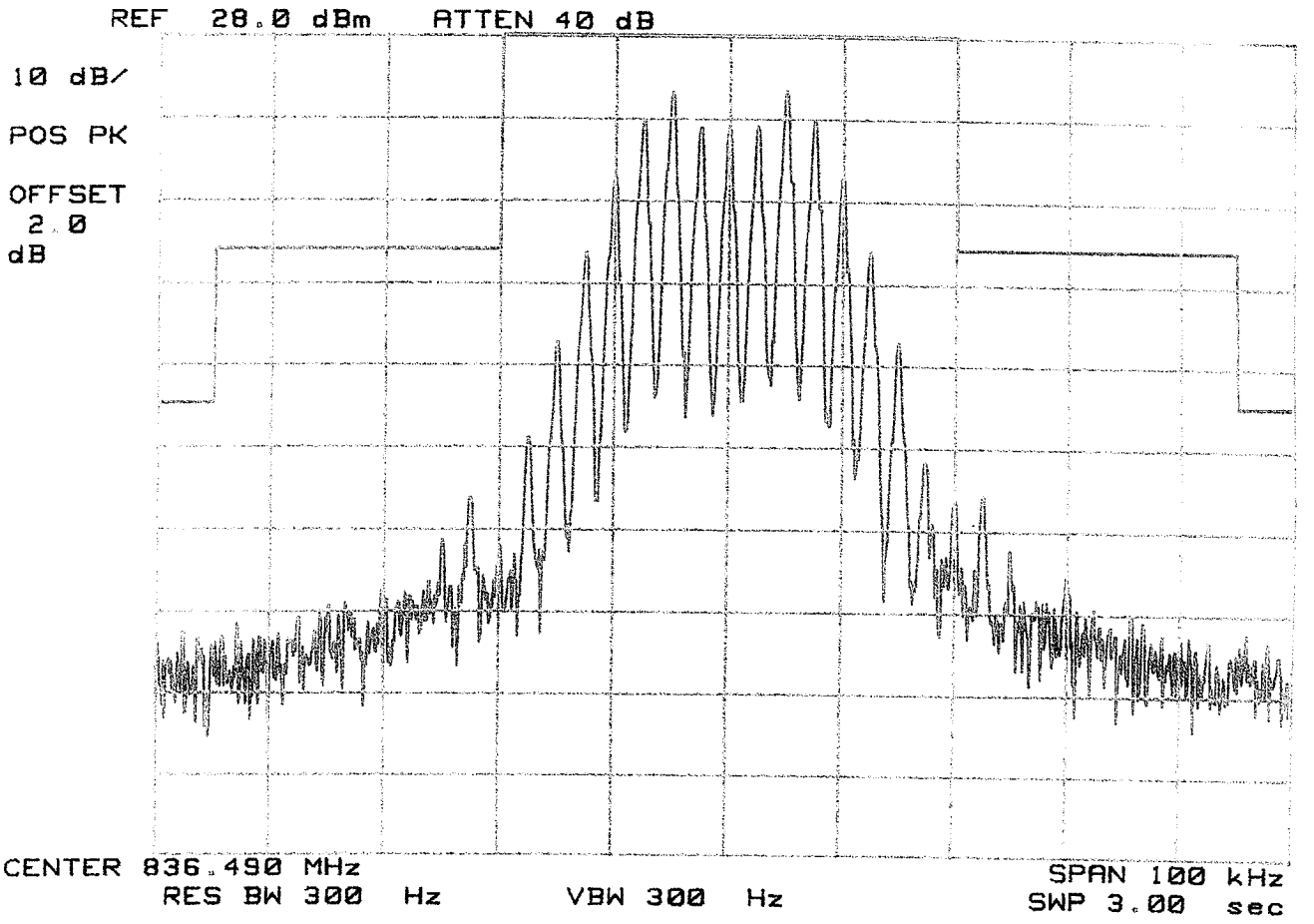


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2500
Channel 383
SAMSUNG TRI-MODE Phone
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:Voice

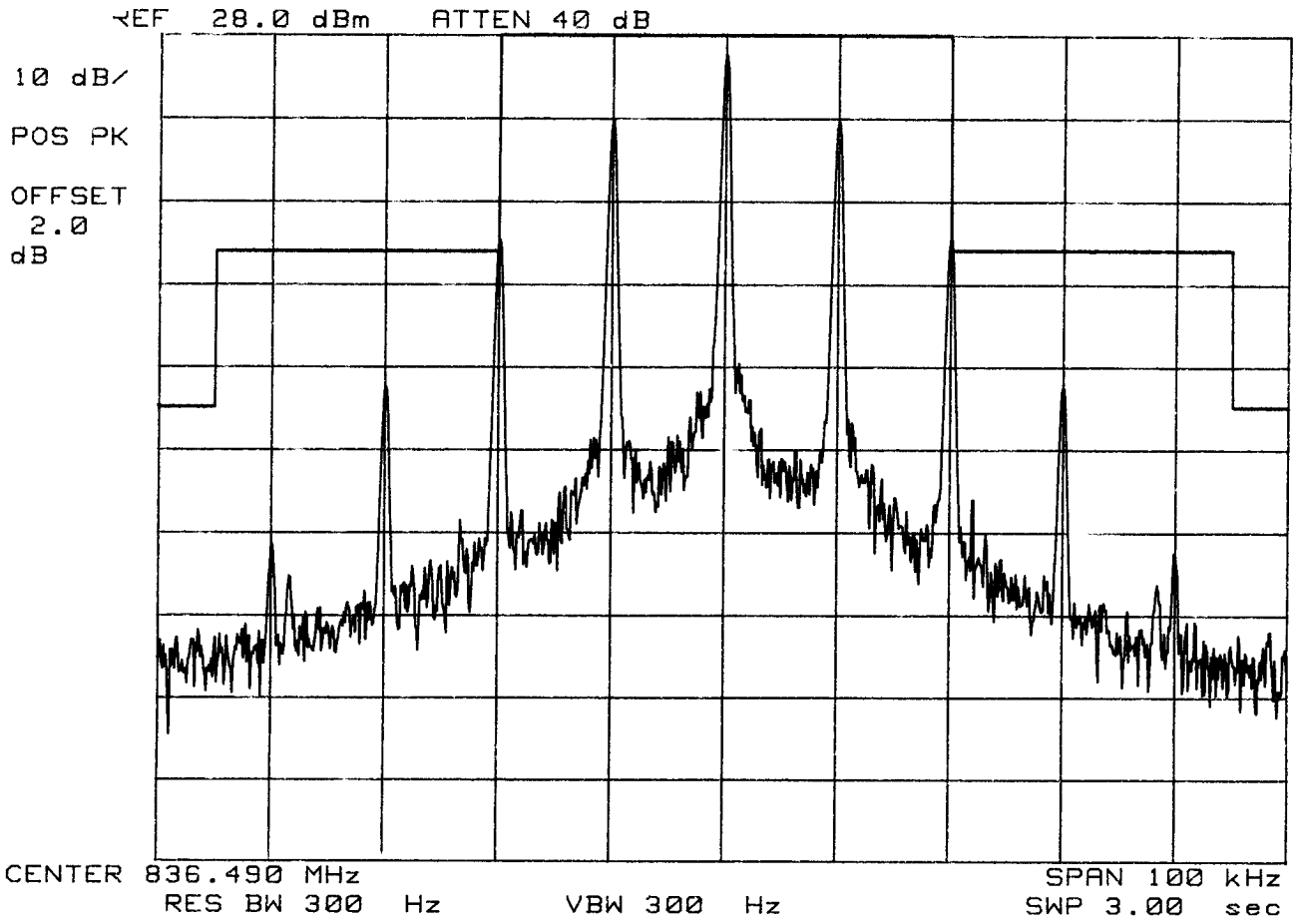


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2500
Channel 383
SAMSUNG TRI-MODE Phone
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:ST

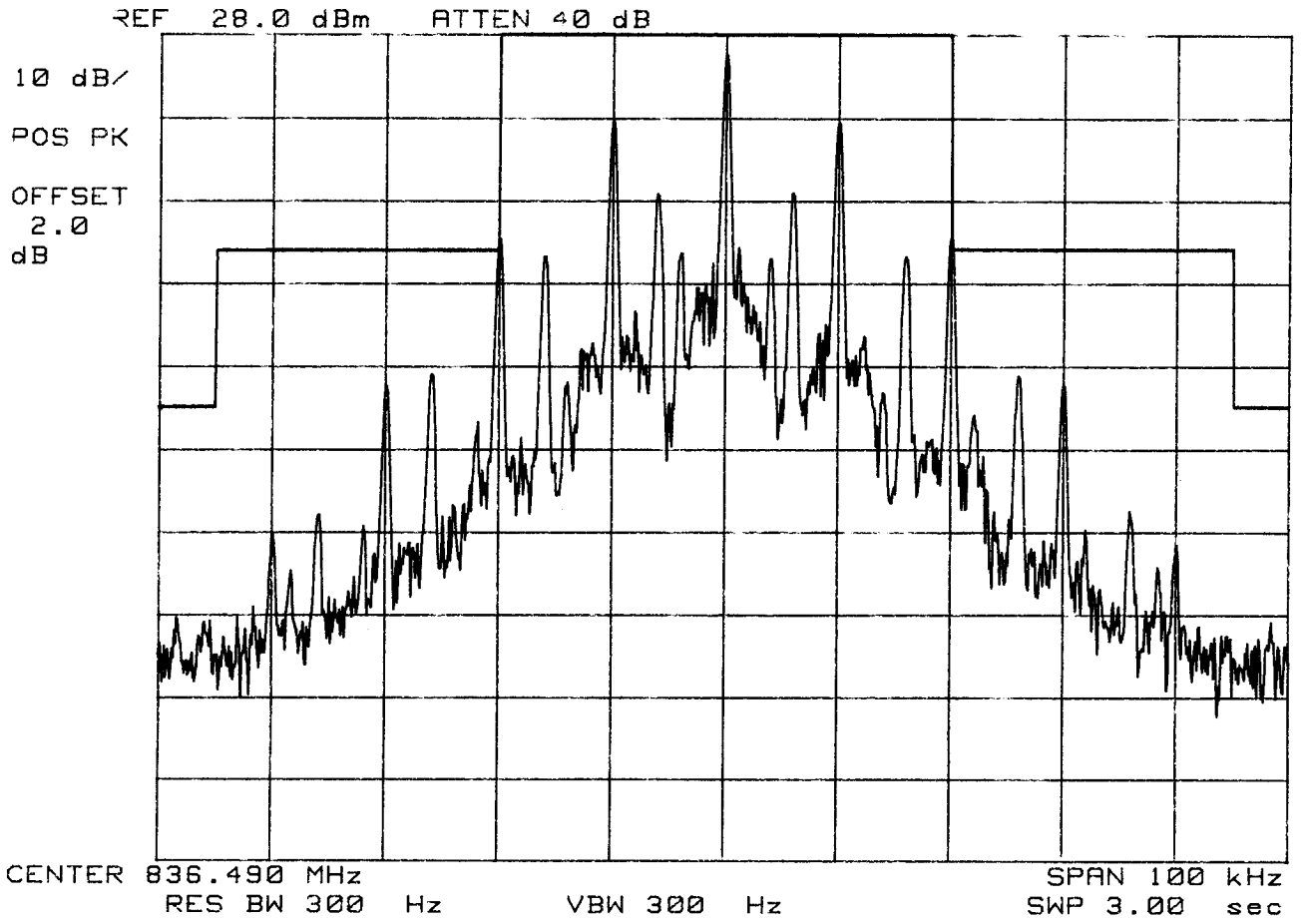


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2500
Channel 383
SAMSUNG TRI-MODE Phone
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:SAT + ST

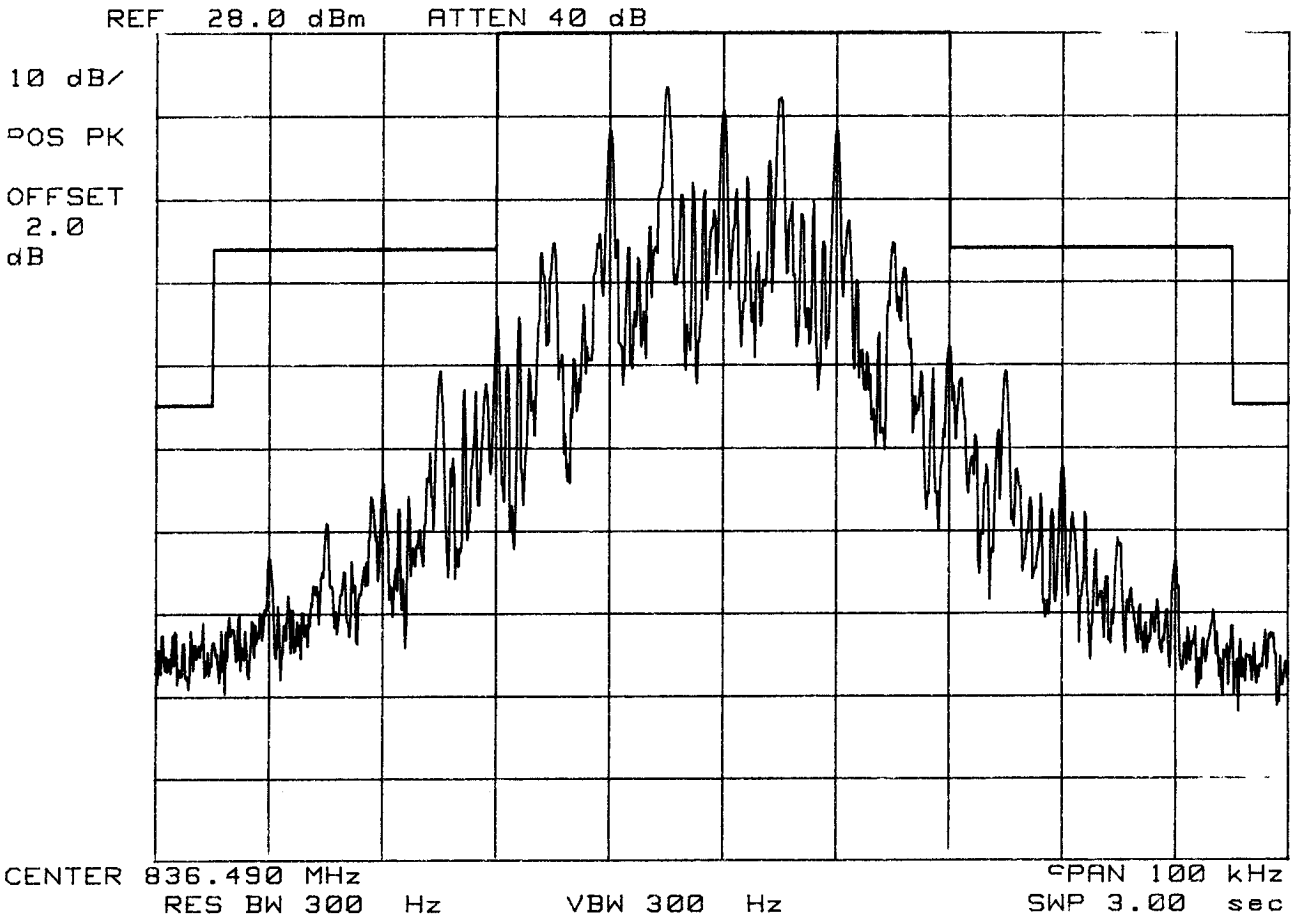


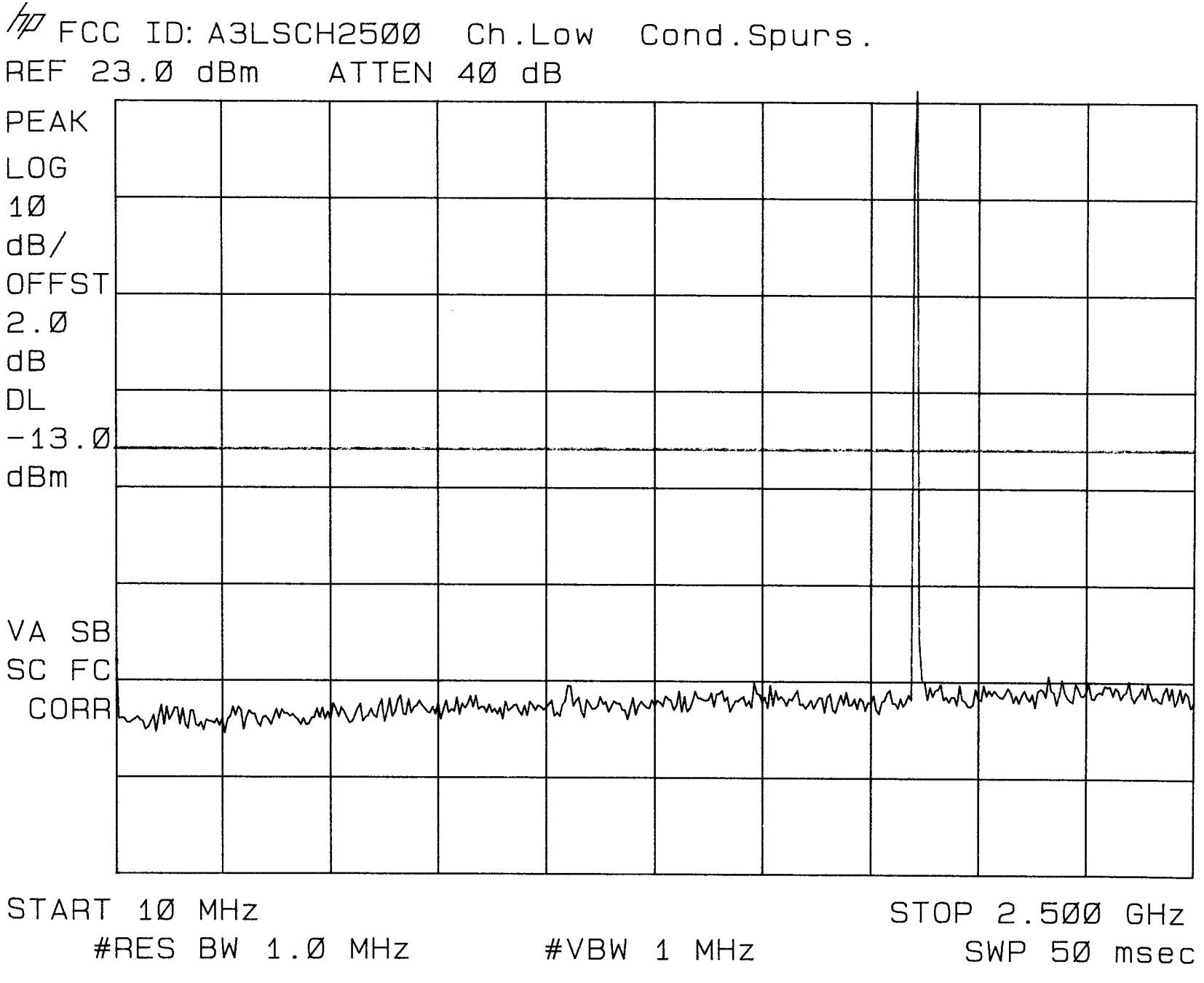
PCTEST Engineering Lab.

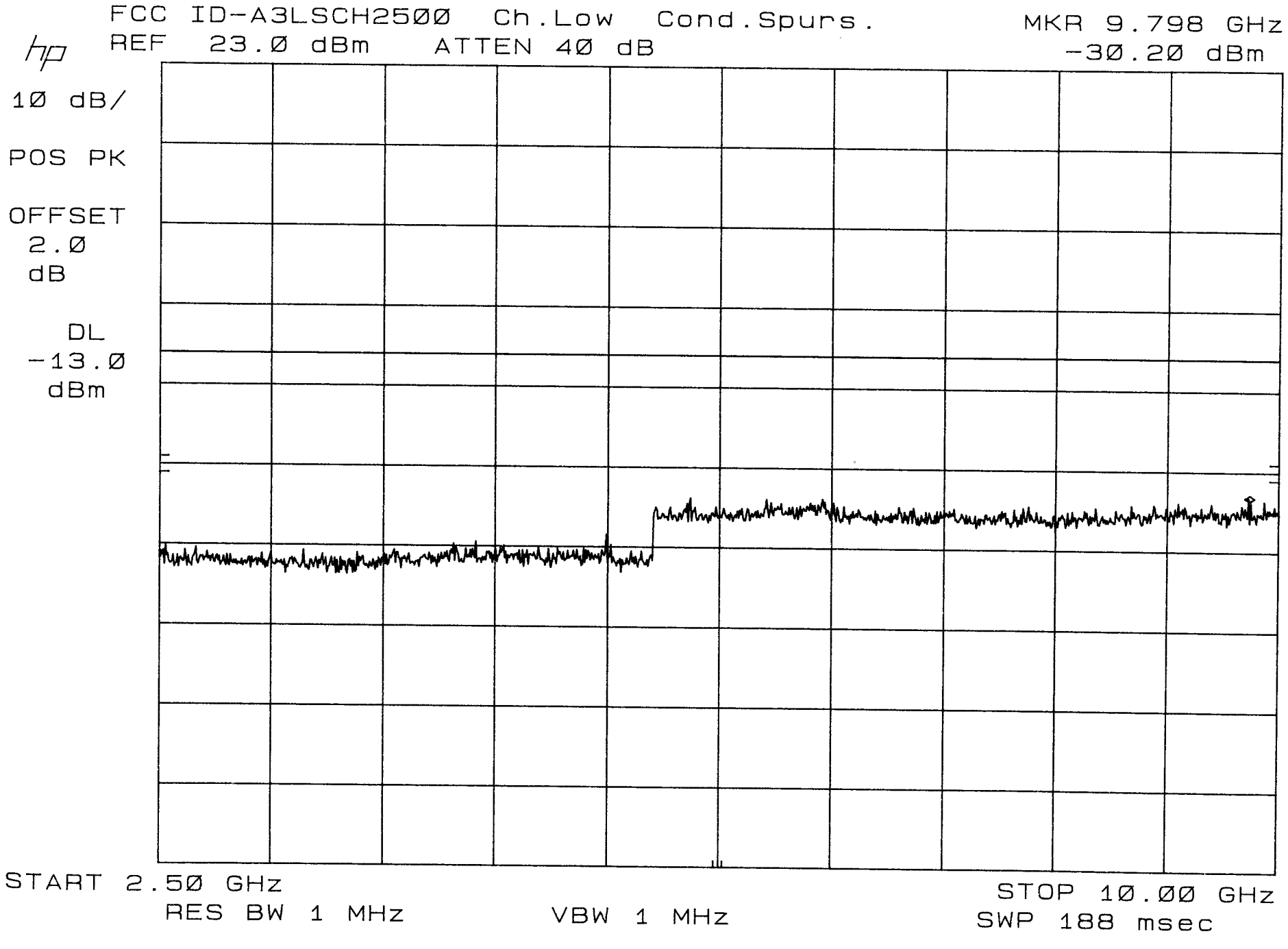
SPECTRUM ANALYZER PRESENTATION

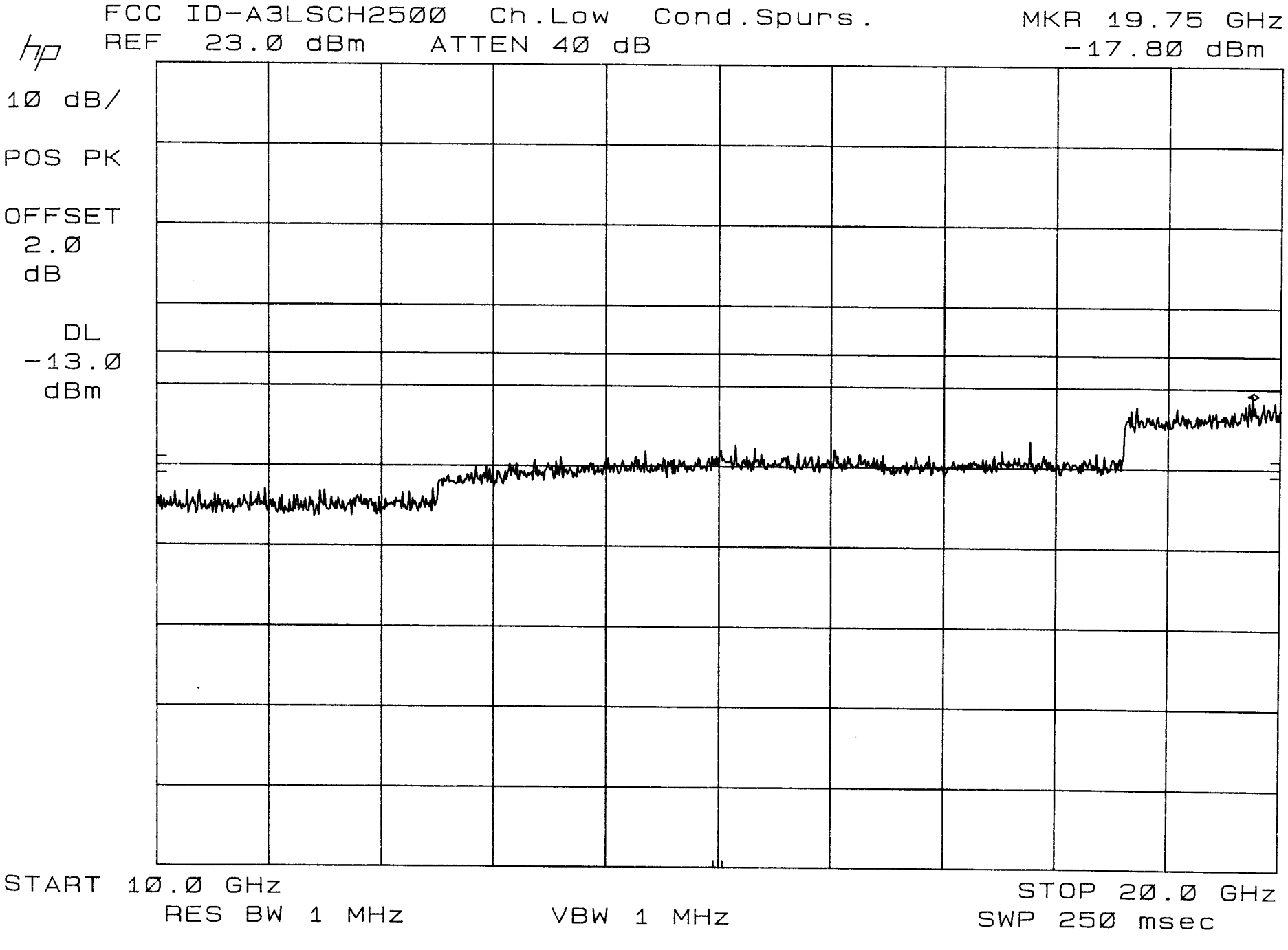
FCC ID:A3LSCH2500
Channel 383
SAMSUNG TRI-MODE Phone
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

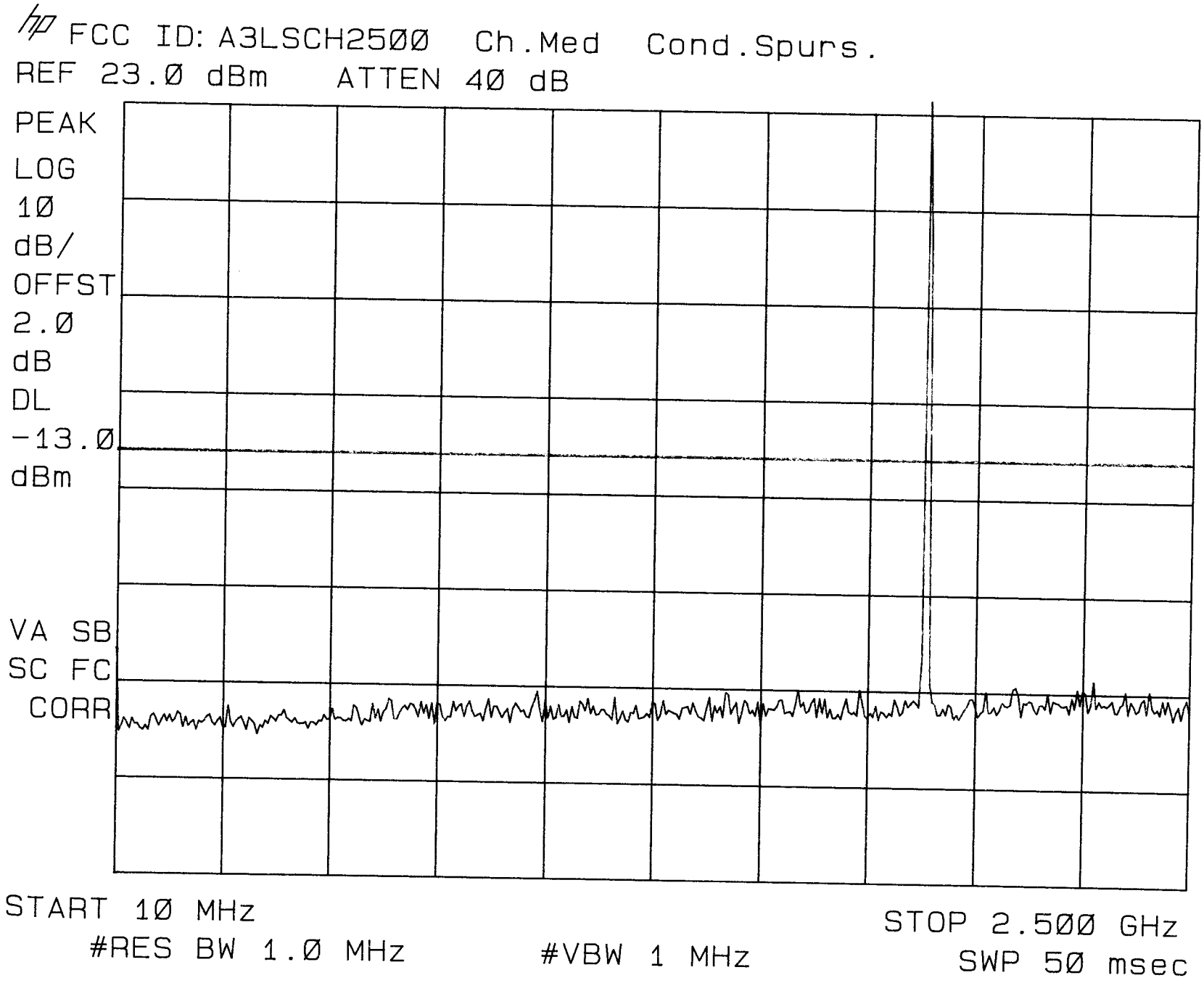
Test Mode:Wide Band Data

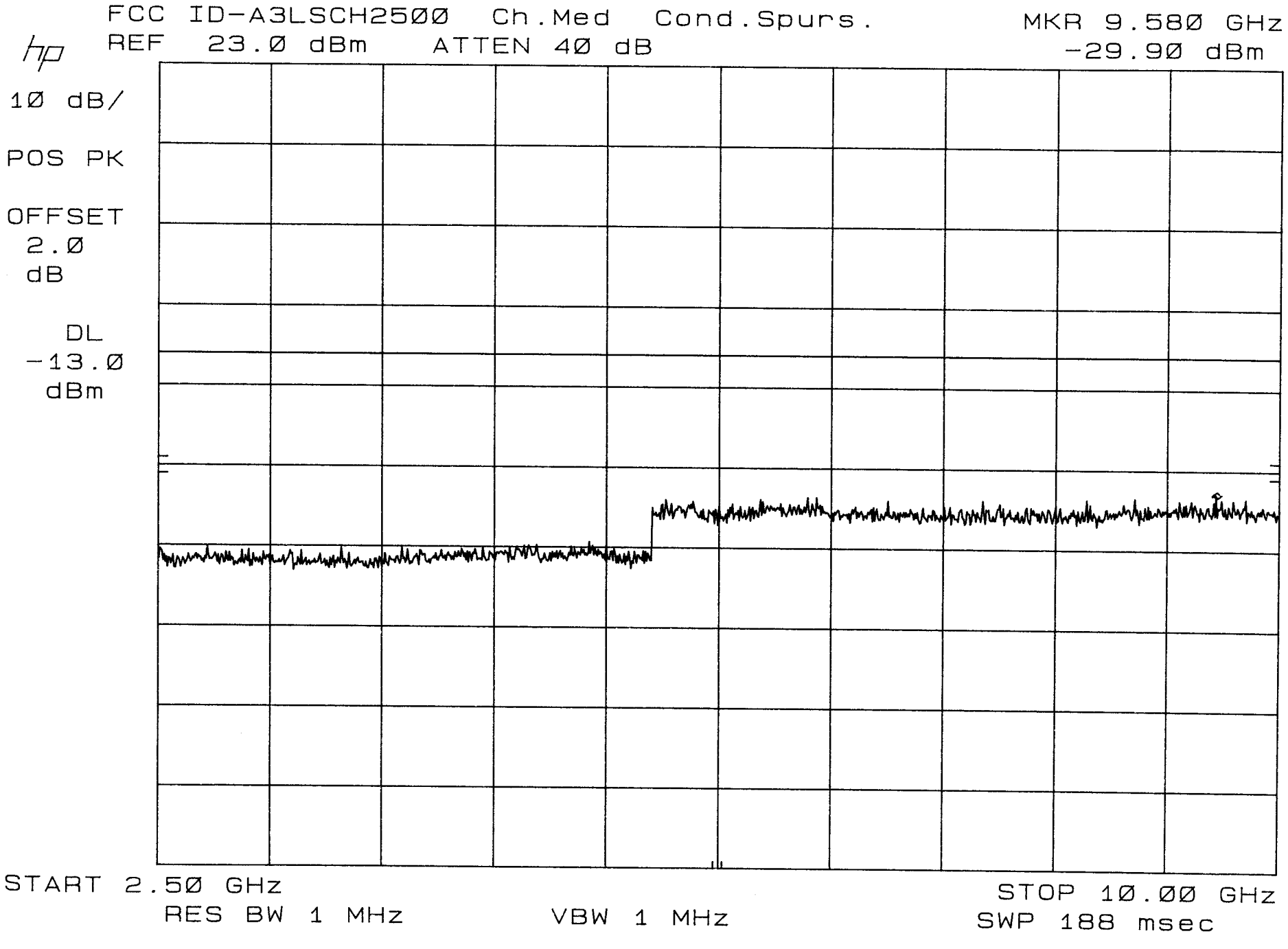


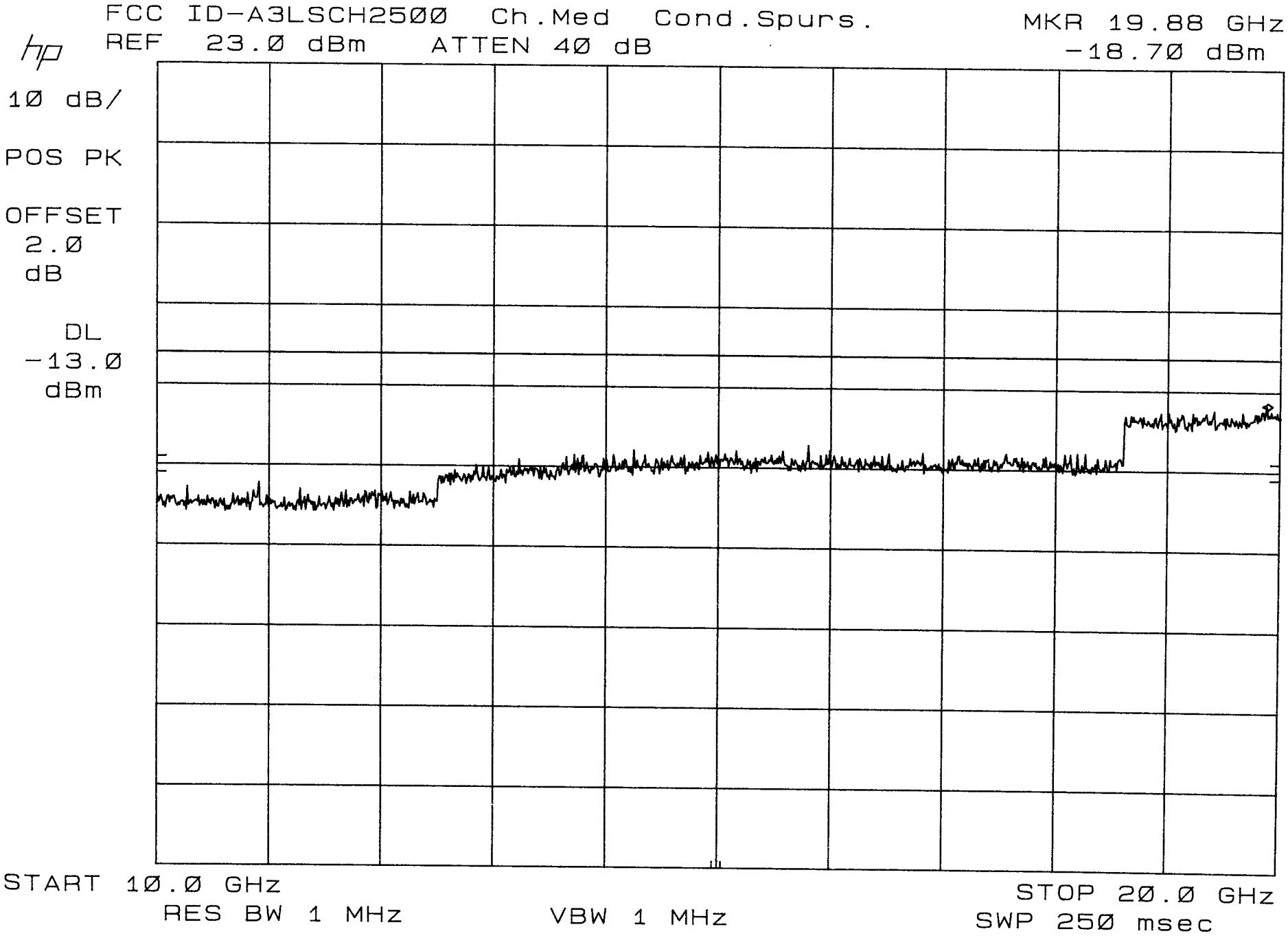

FCC ID: A3LSCH2500 Ch.Low Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10 MHz
STOP 2.500 GHz
#RES BW 1.0 MHz
#VBW 1 MHz
SWP 50 msec

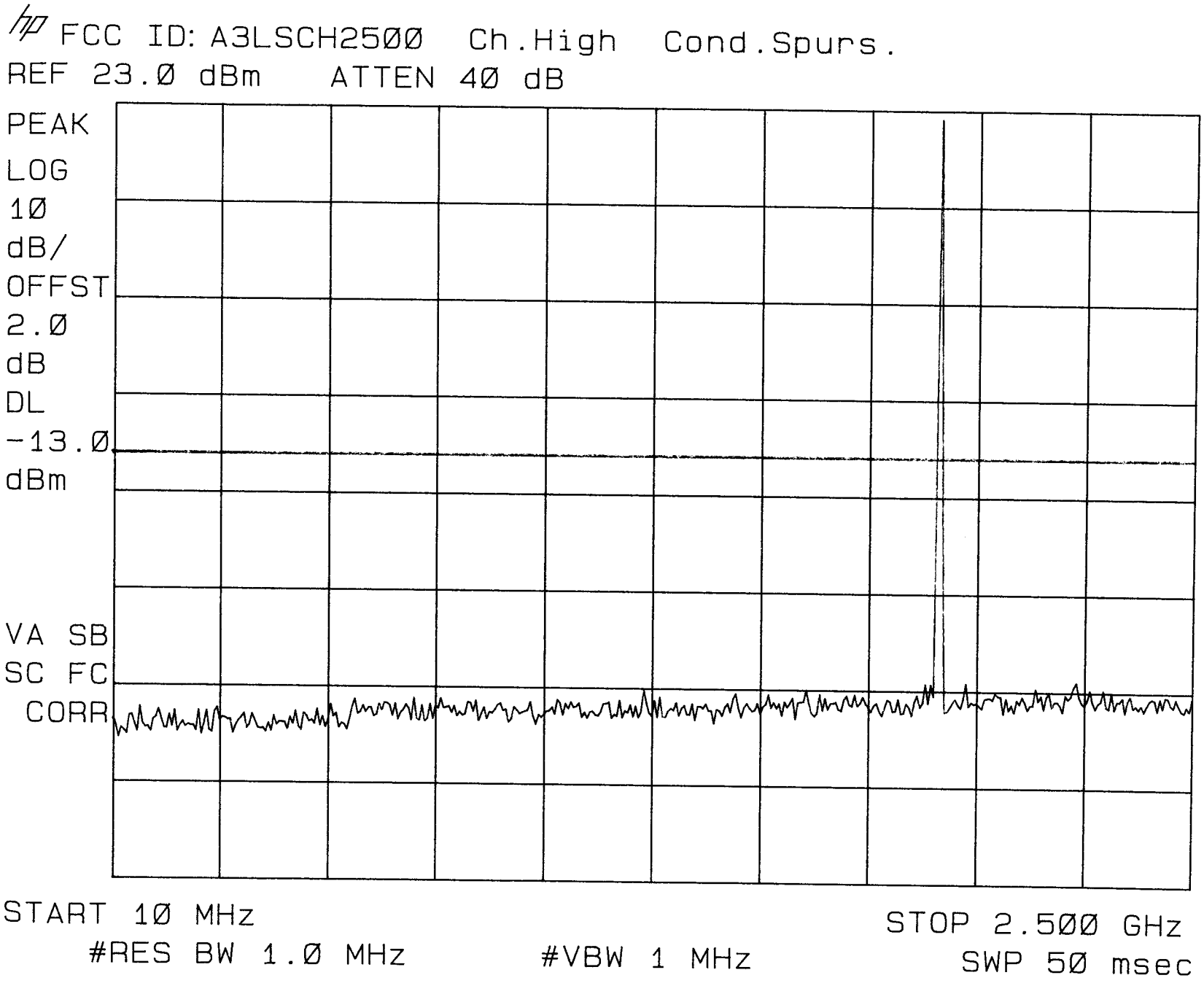

FCC ID-A3LSCH2500 Ch.Low Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
MKR 9.798 GHz
-30.20 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 10.00 GHz
SWP 188 msec

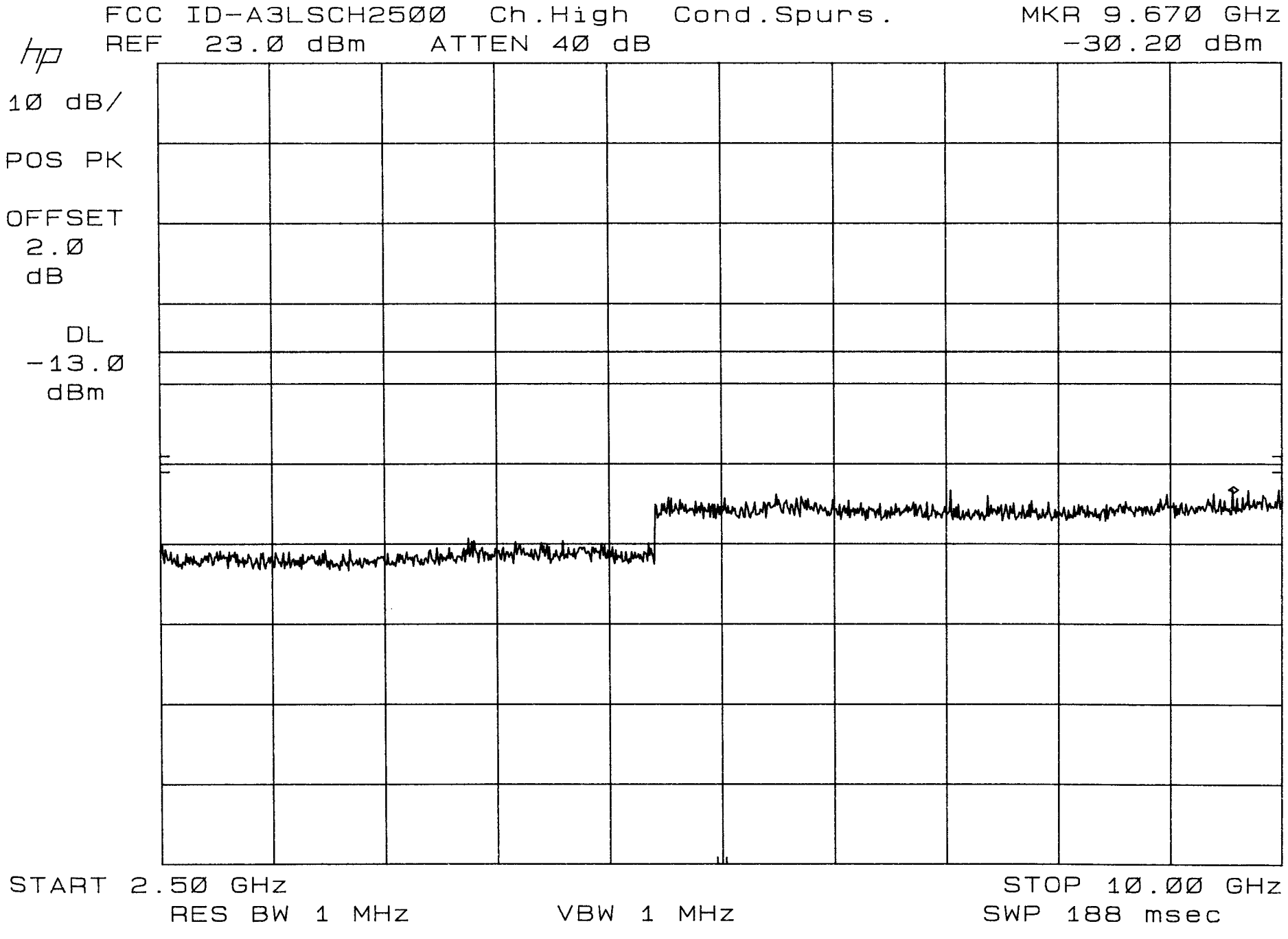

FCC ID-A3LSCH2500 Ch.Low Cond.Spurs.
MKR 19.75 GHz
REF 23.0 dBm ATTEN 40 dB
-17.80 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
STOP 20.0 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 250 msec

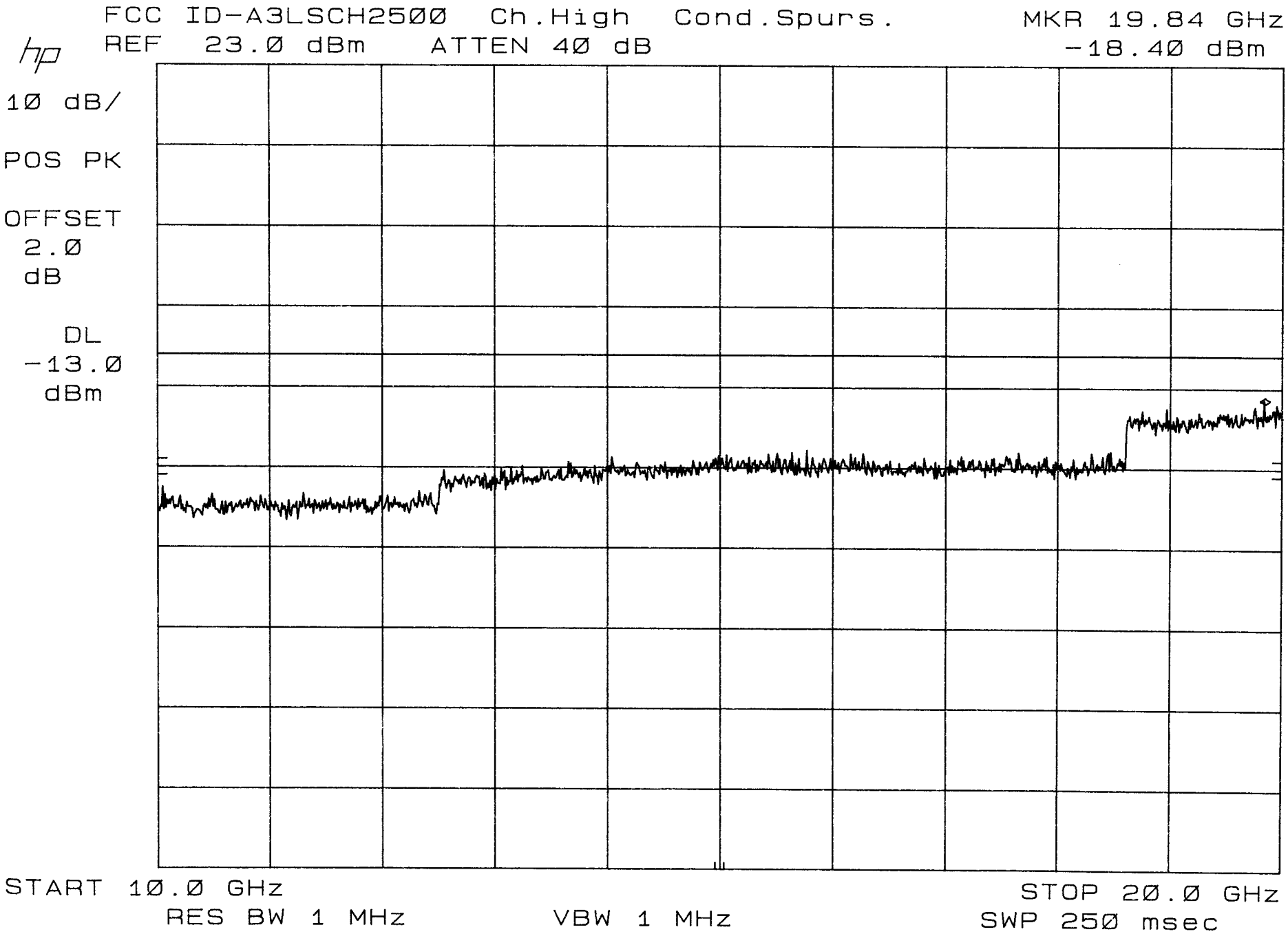

FCC ID: A3LSCH2500 Ch.Med Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 2.500 GHz
SWP 50 msec

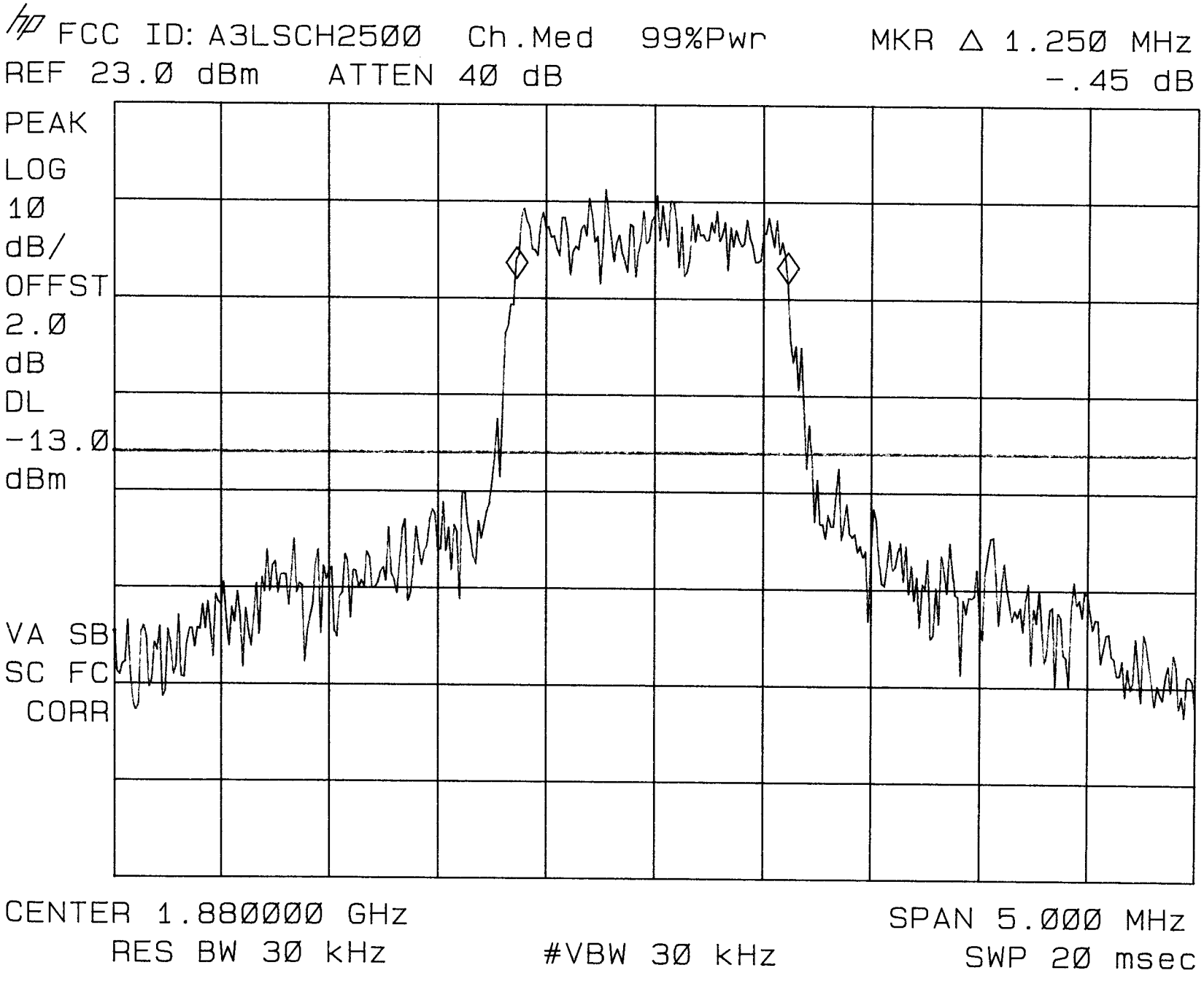

FCC ID-A3LSCH2500 Ch.Med Cond.Spurs.
MKR 9.580 GHz
REF 23.0 dBm ATTEN 40 dB
-29.90 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 2.50 GHz
STOP 10.00 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

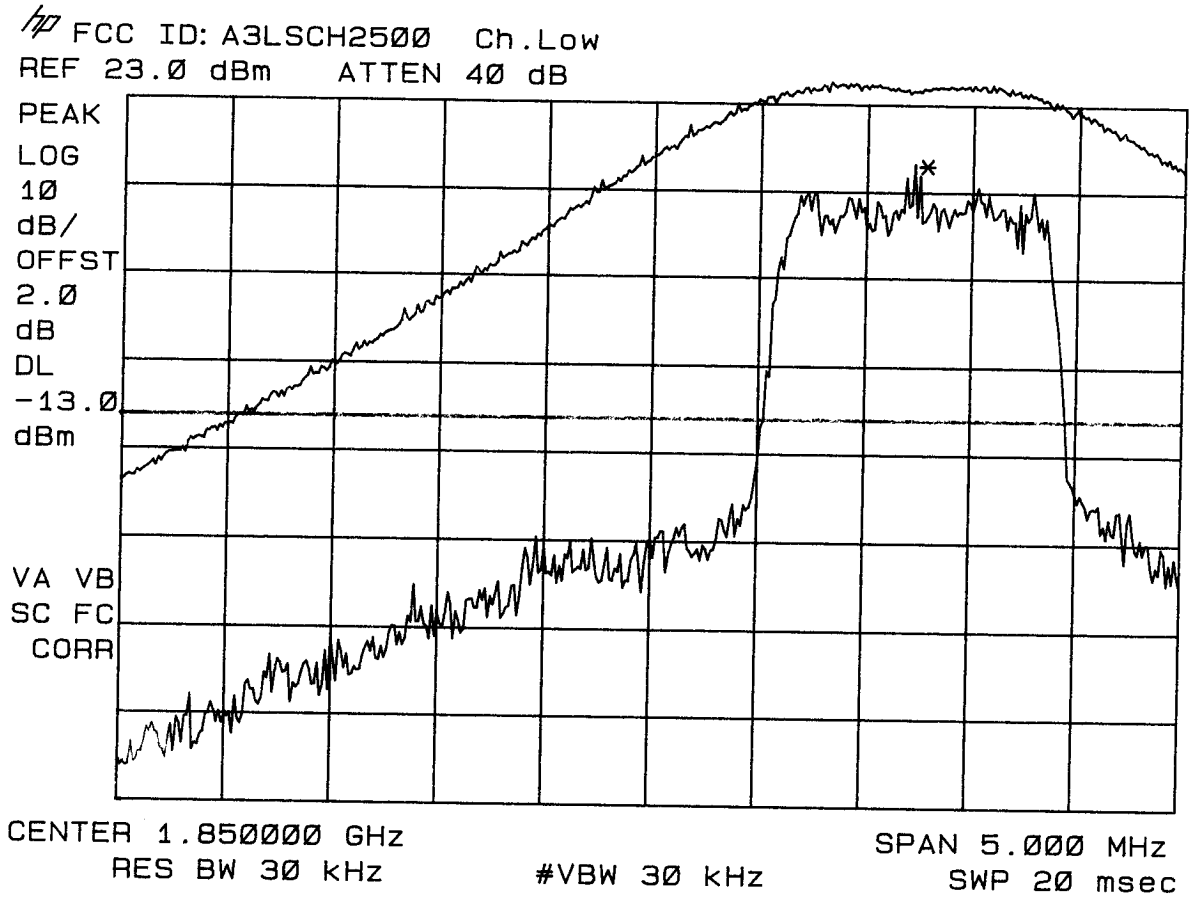

FCC ID-A3LSCH2500 Ch.Med Cond.Spurs.
MKR 19.88 GHz
REF 23.0 dBm ATTEN 40 dB
-18.70 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
STOP 20.0 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 250 msec

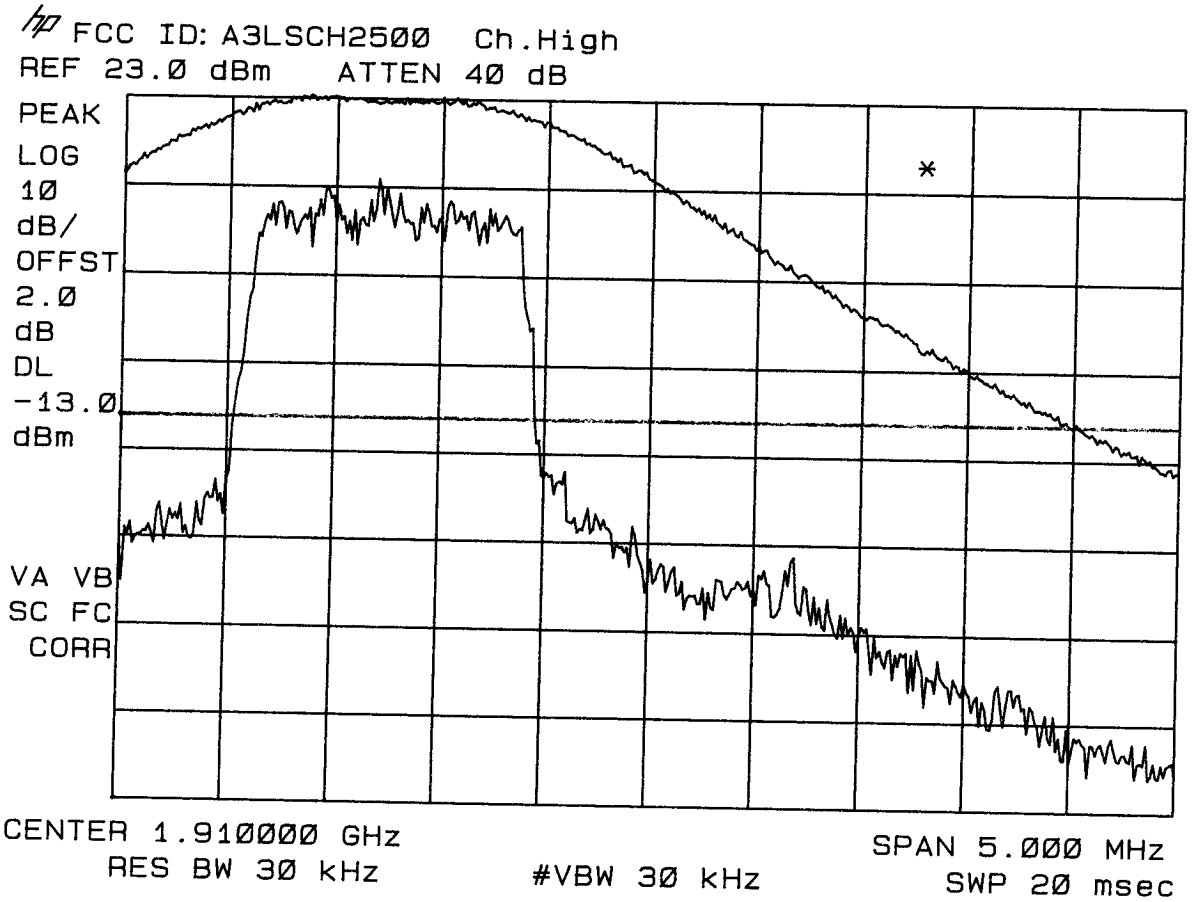

FCC ID: A3LSCH2500 Ch.High Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 2.500 GHz
SWP 50 msec

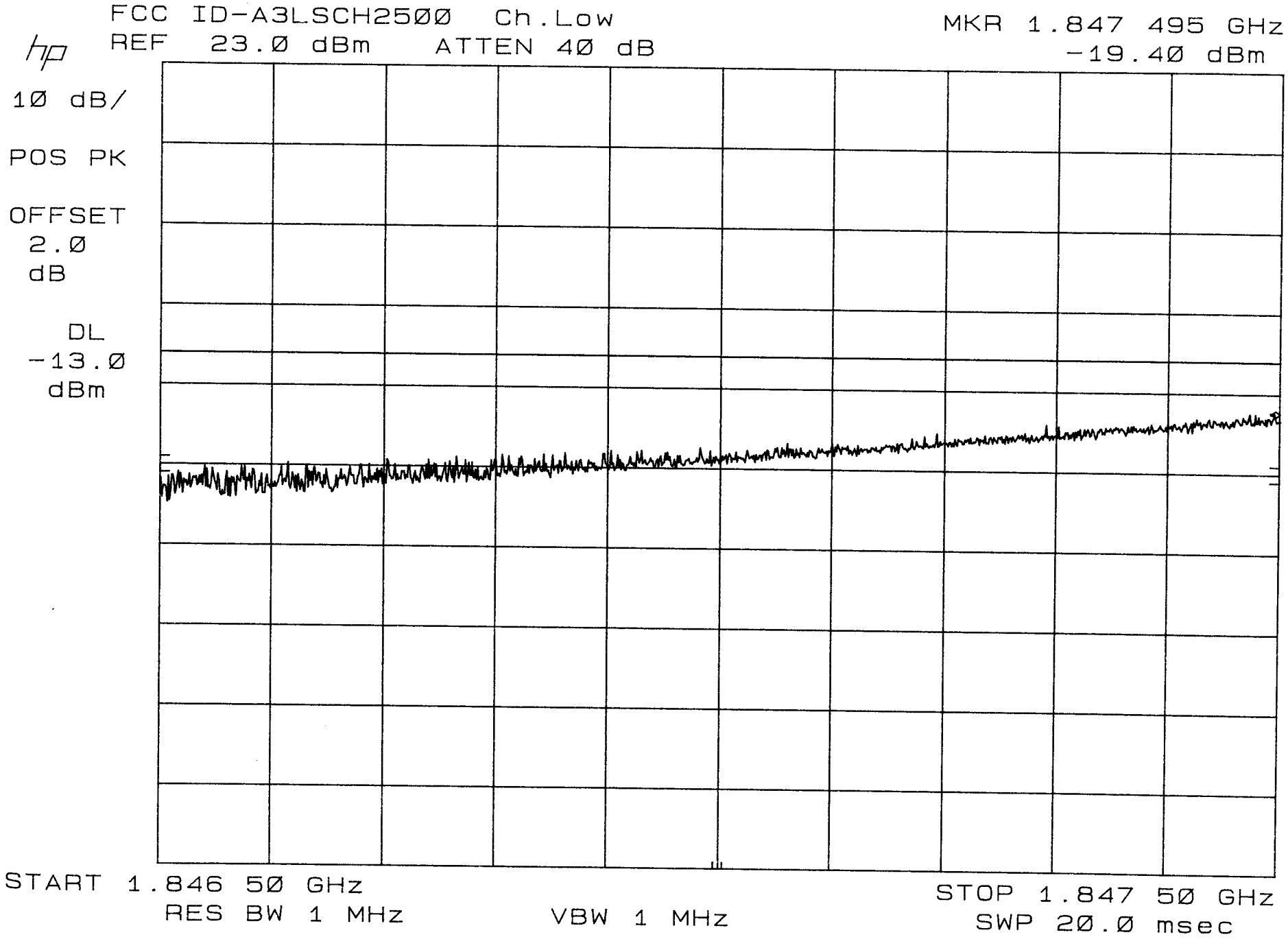

FCC ID-A3LSCH2500 Ch.High Cond.Spurs.
MKR 9.670 GHz
REF 23.0 dBm ATTEN 40 dB
-30.20 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 2.50 GHz
STOP 10.00 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

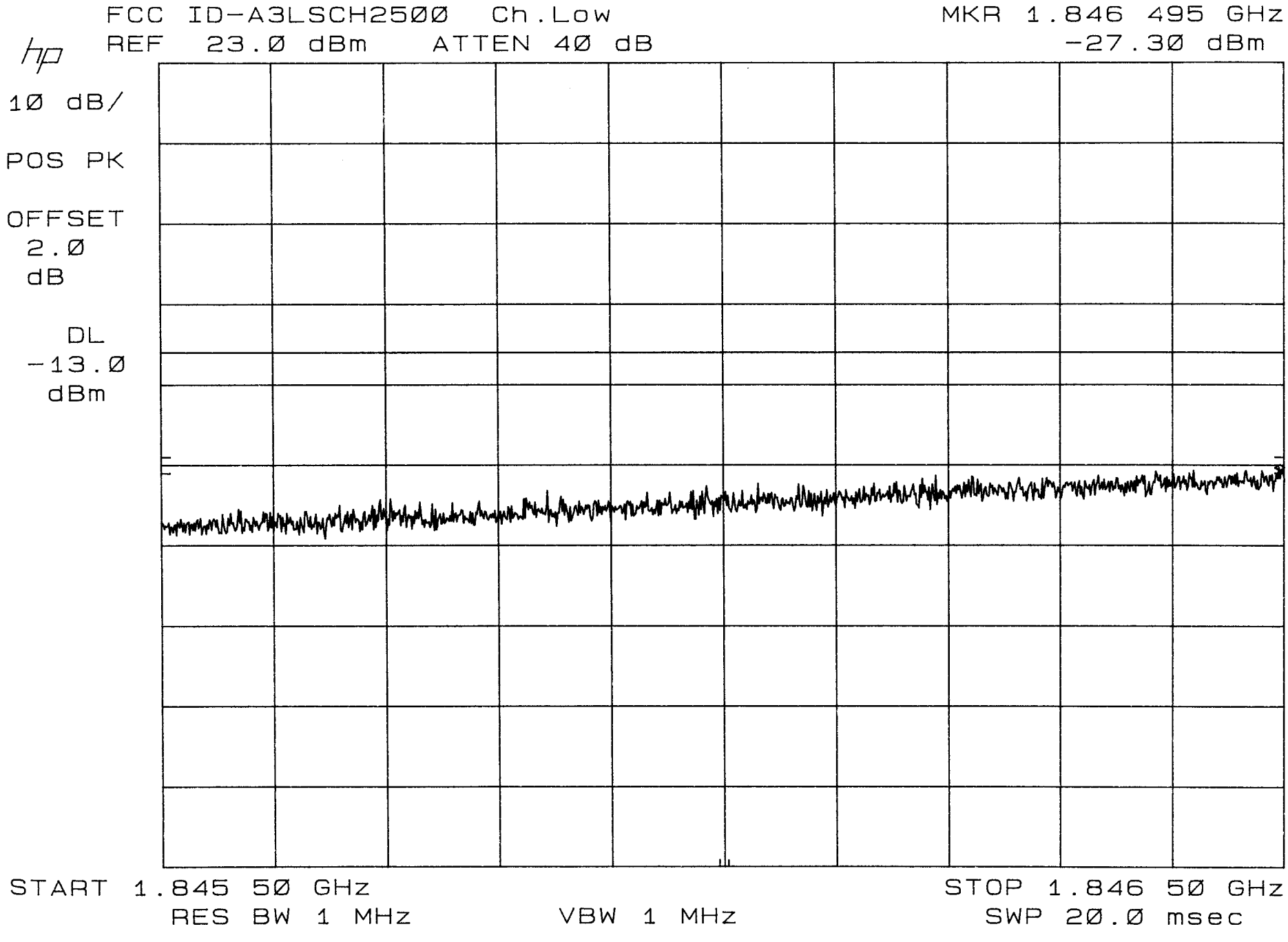

FCC ID-A3LSCH2500 Ch.High Cond.Spurs.
MKR 19.84 GHz
REF 23.0 dBm ATTEN 40 dB
-18.40 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
STOP 20.0 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 250 msec

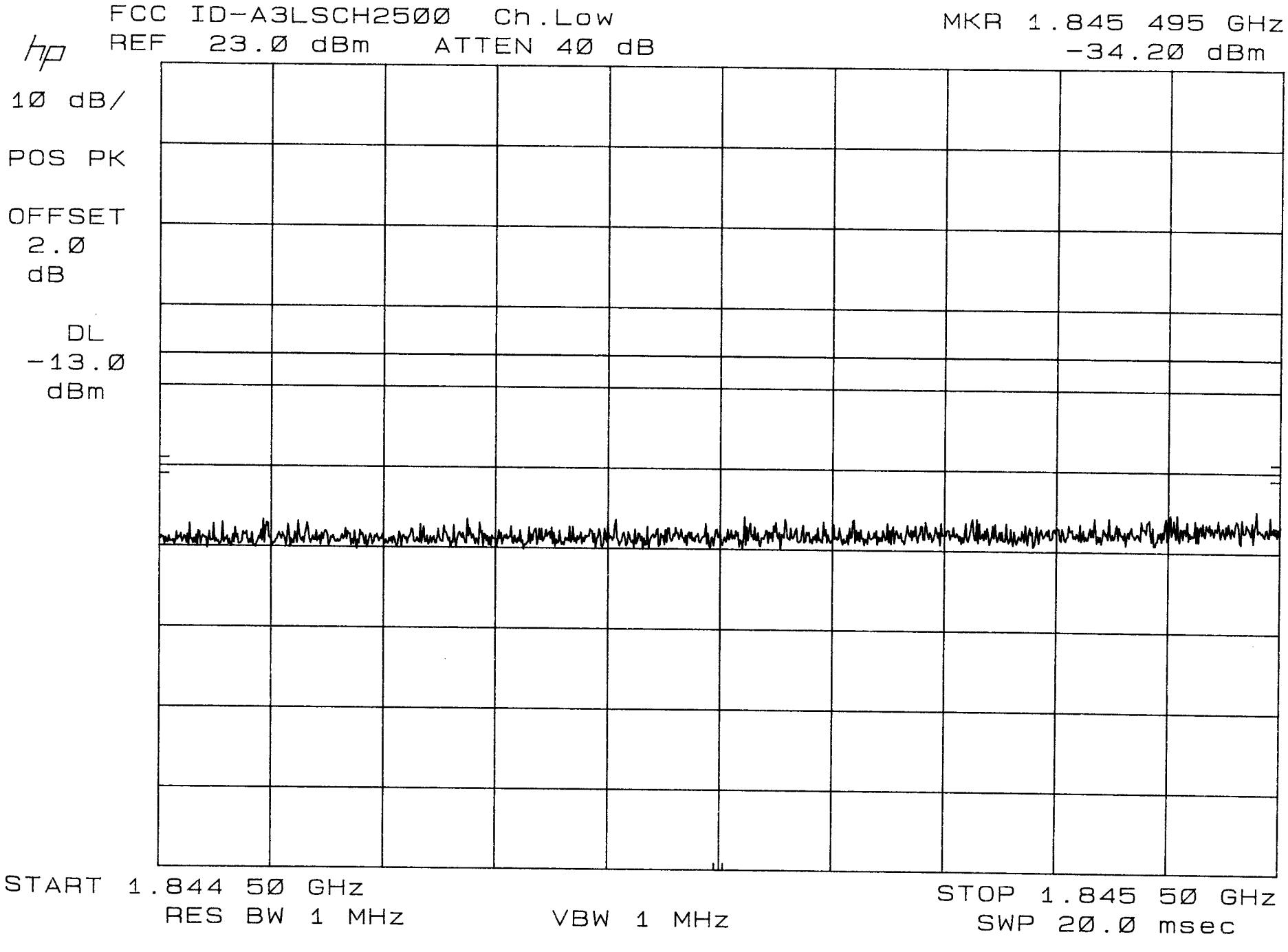

FCC ID: A3LSCH2500 Ch.Med 99%Pwr
MKR Δ 1.250 MHz
REF 23.0 dBm ATTEN 40 dB
-.45 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
CENTER 1.880000 GHz
SPAN 5.000 MHz
RES BW 30 kHz
#VBW 30 kHz
SWP 20 msec

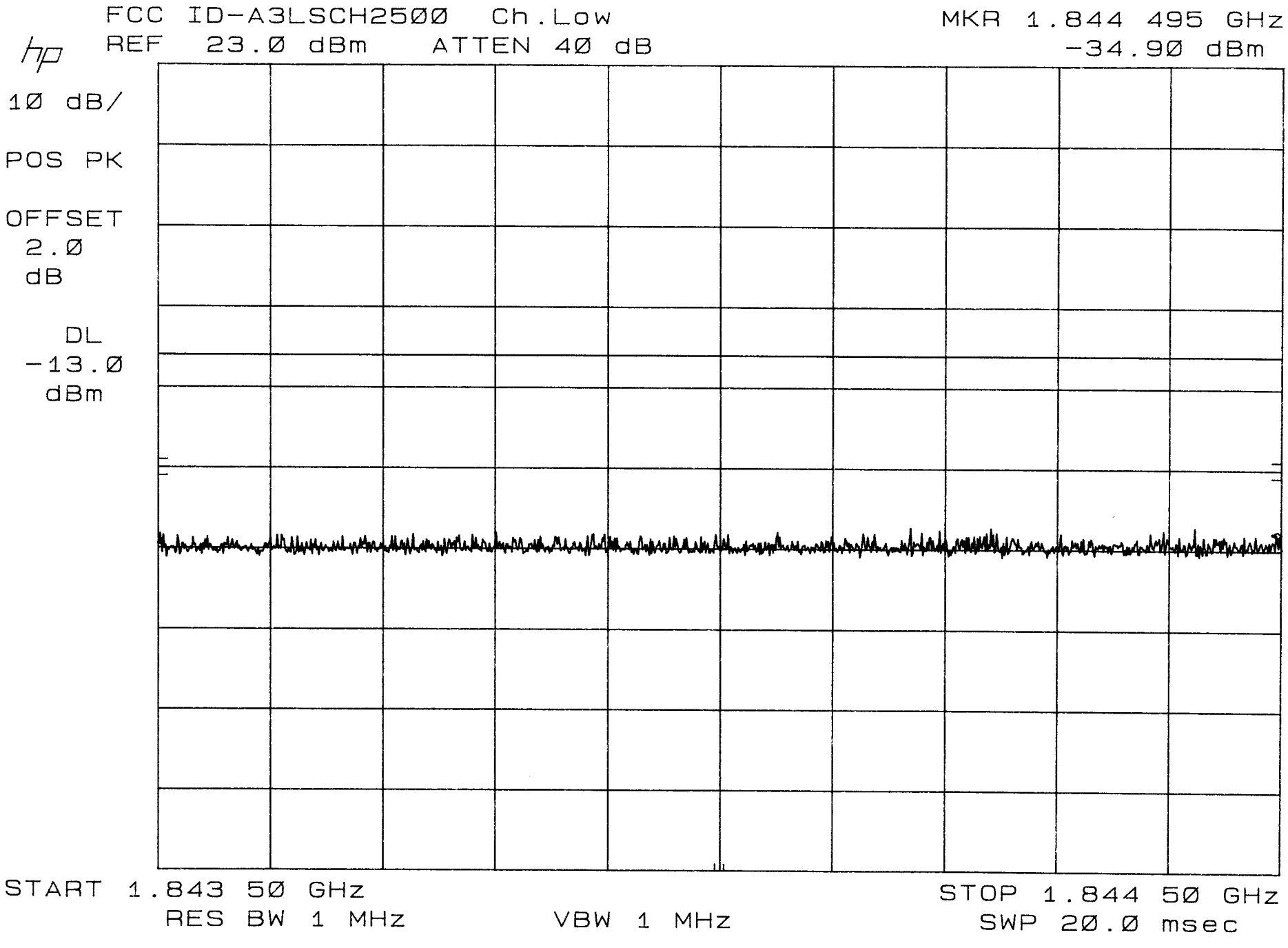

FCC ID: A3LSCH2500 Ch.Low
REF 23.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA VB
SC FC
CORR
CENTER 1.850000 GHz
RES BW 30 kHz
#VBW 30 kHz
SPAN 5.000 MHz
SWP 20 msec

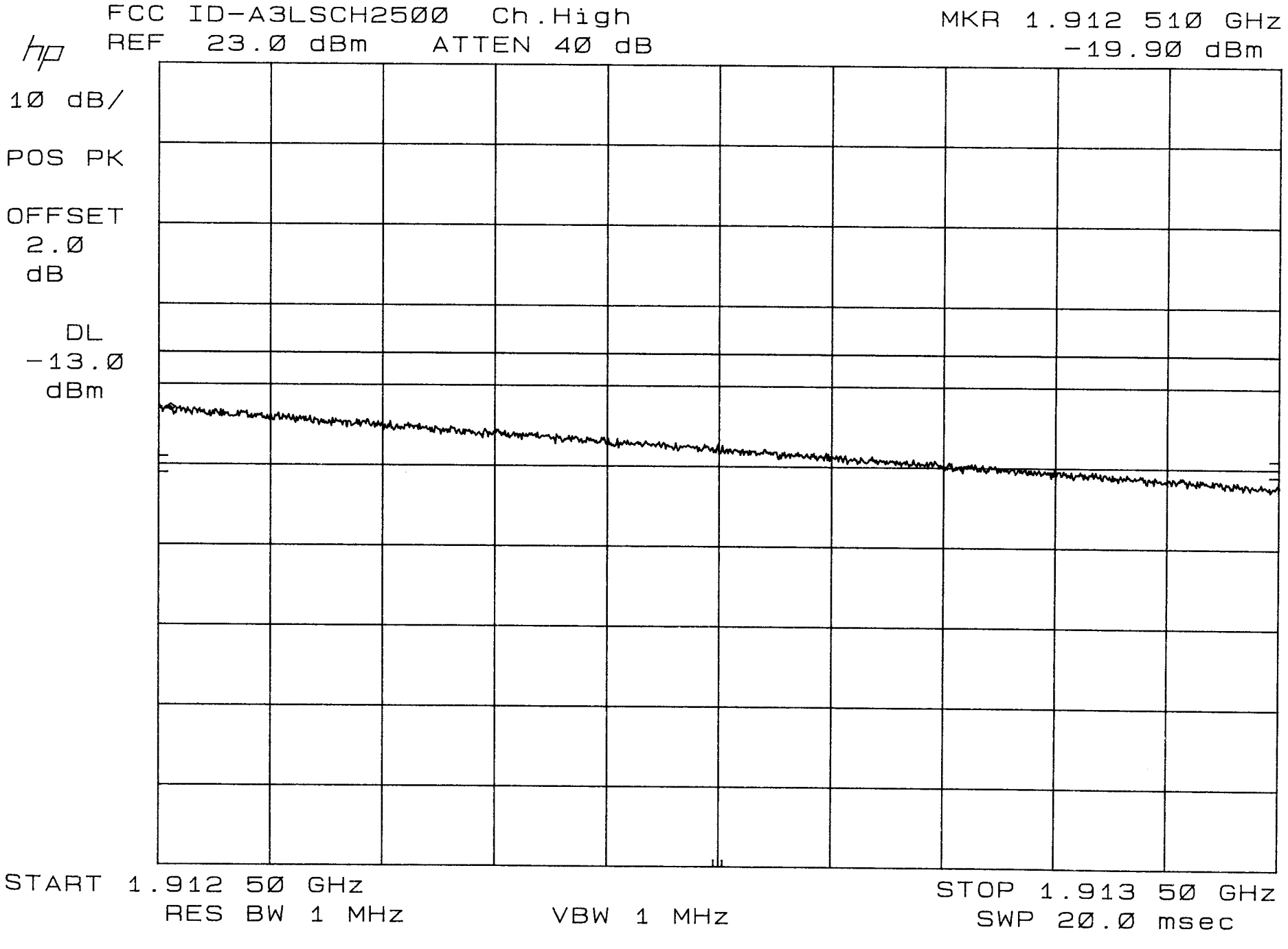

FCC ID: A3LSCH2500 Ch.High
REF 23.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA VB
SC FC
CORR
CENTER 1.910000 GHz
RES BW 30 kHz
#VBW 30 kHz
SPAN 5.000 MHz
SWP 20 msec

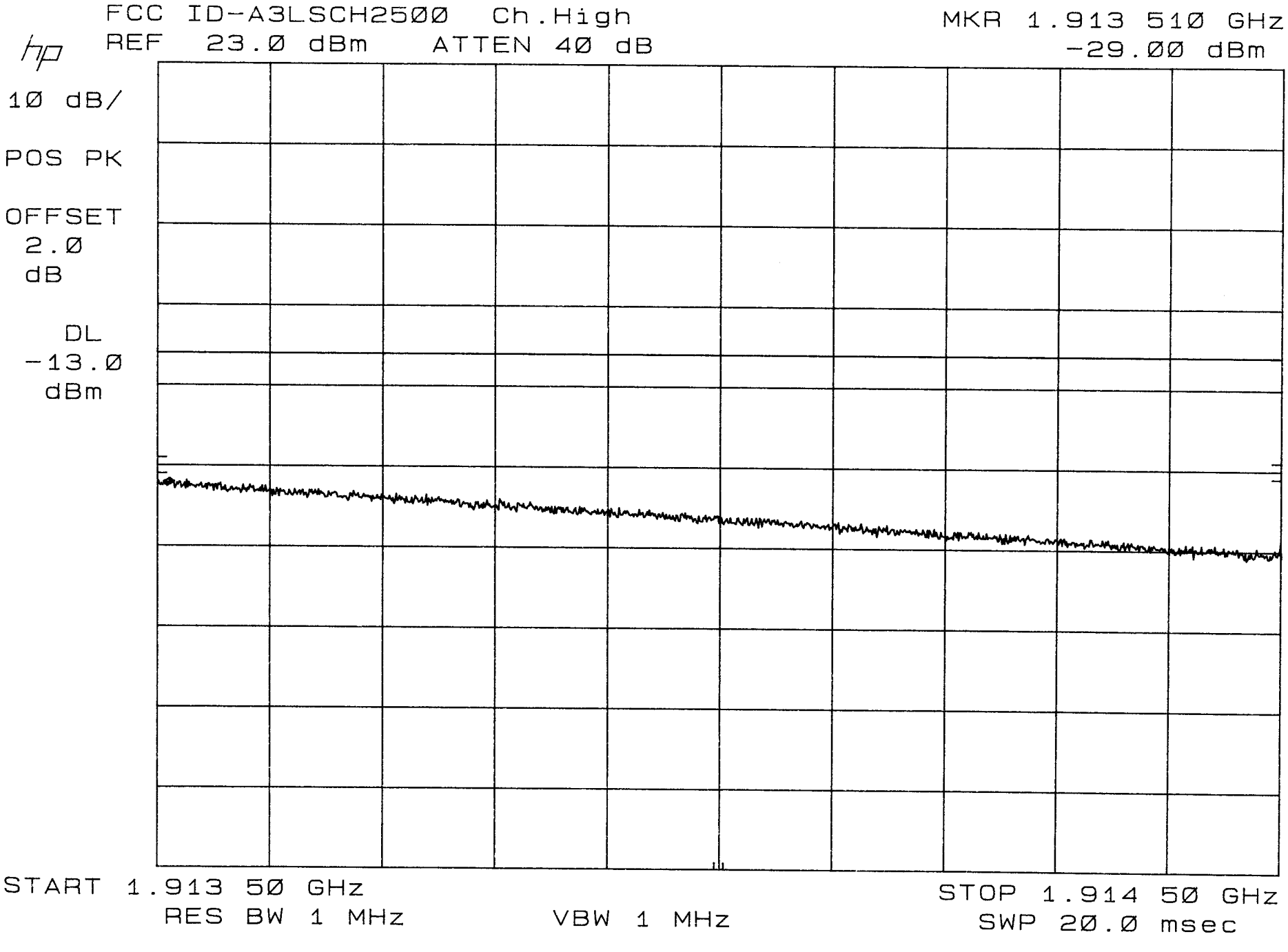

FCC ID-A3LSCH2500 Ch.Low
REF 23.0 dBm ATTEN 40 dB
MKR 1.847 495 GHz
-19.40 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 1.846 50 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 1.847 50 GHz
SWP 20.0 msec

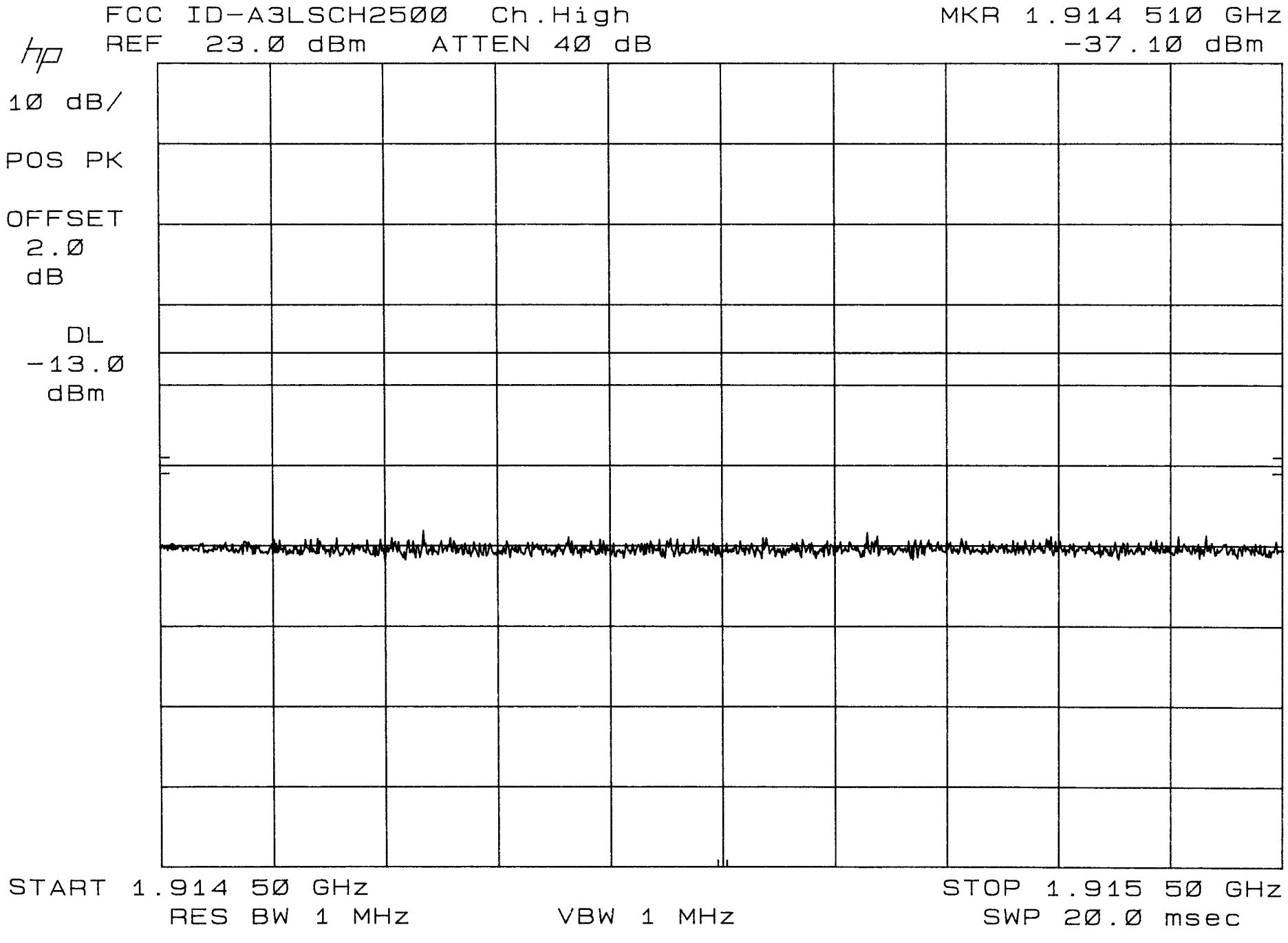

FCC ID-A3LSCH2500 Ch.Low
MKR 1.846 495 GHz
REF 23.0 dBm
ATTEN 40 dB
-27.30 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 1.845 50 GHz
STOP 1.846 50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

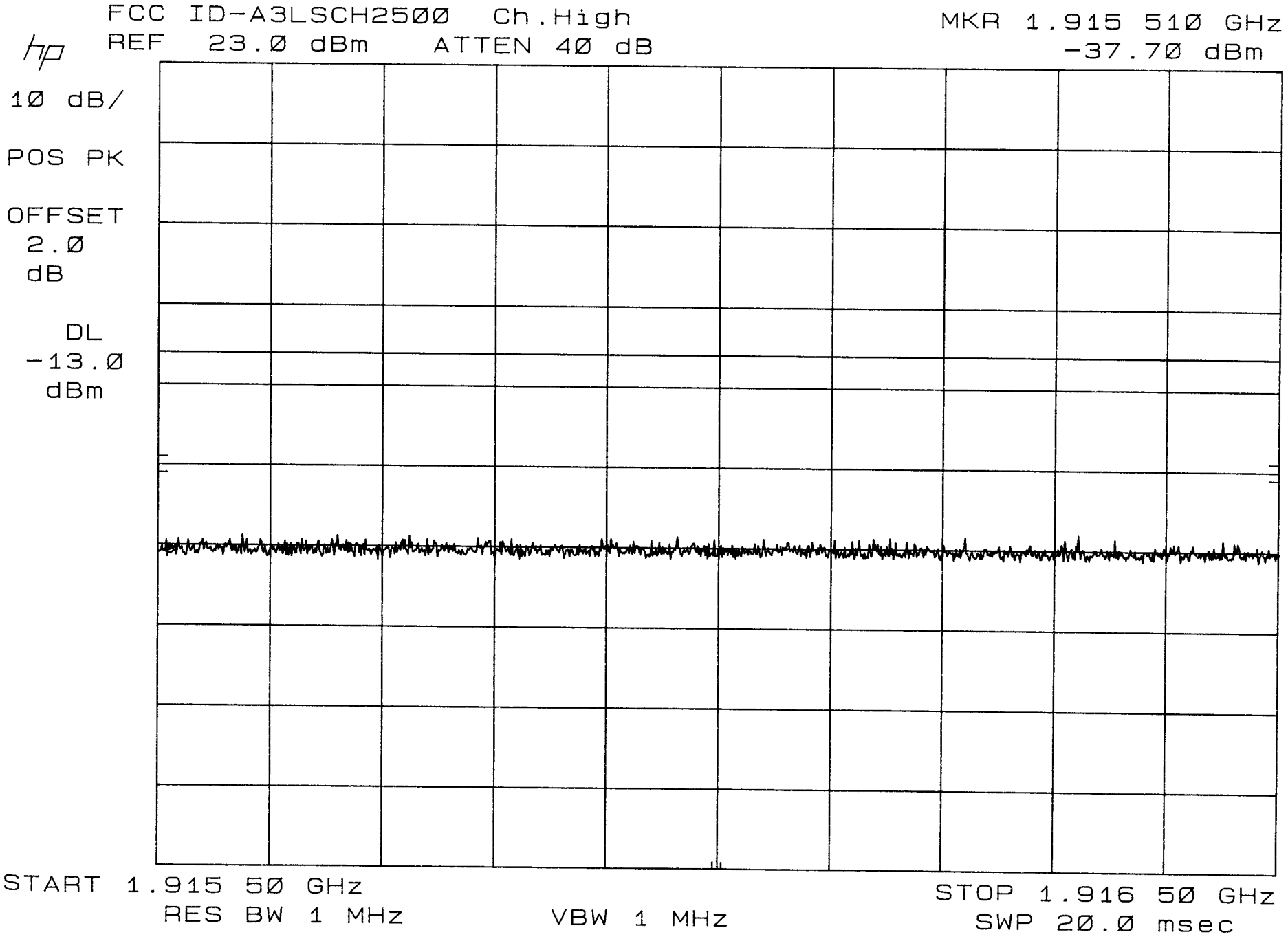

FCC ID-A3LSCH2500 Ch.Low
REF 23.0 dBm ATTEN 40 dB
MKR 1.845 495 GHz
-34.20 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 1.844 50 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 1.845 50 GHz
SWP 20.0 msec

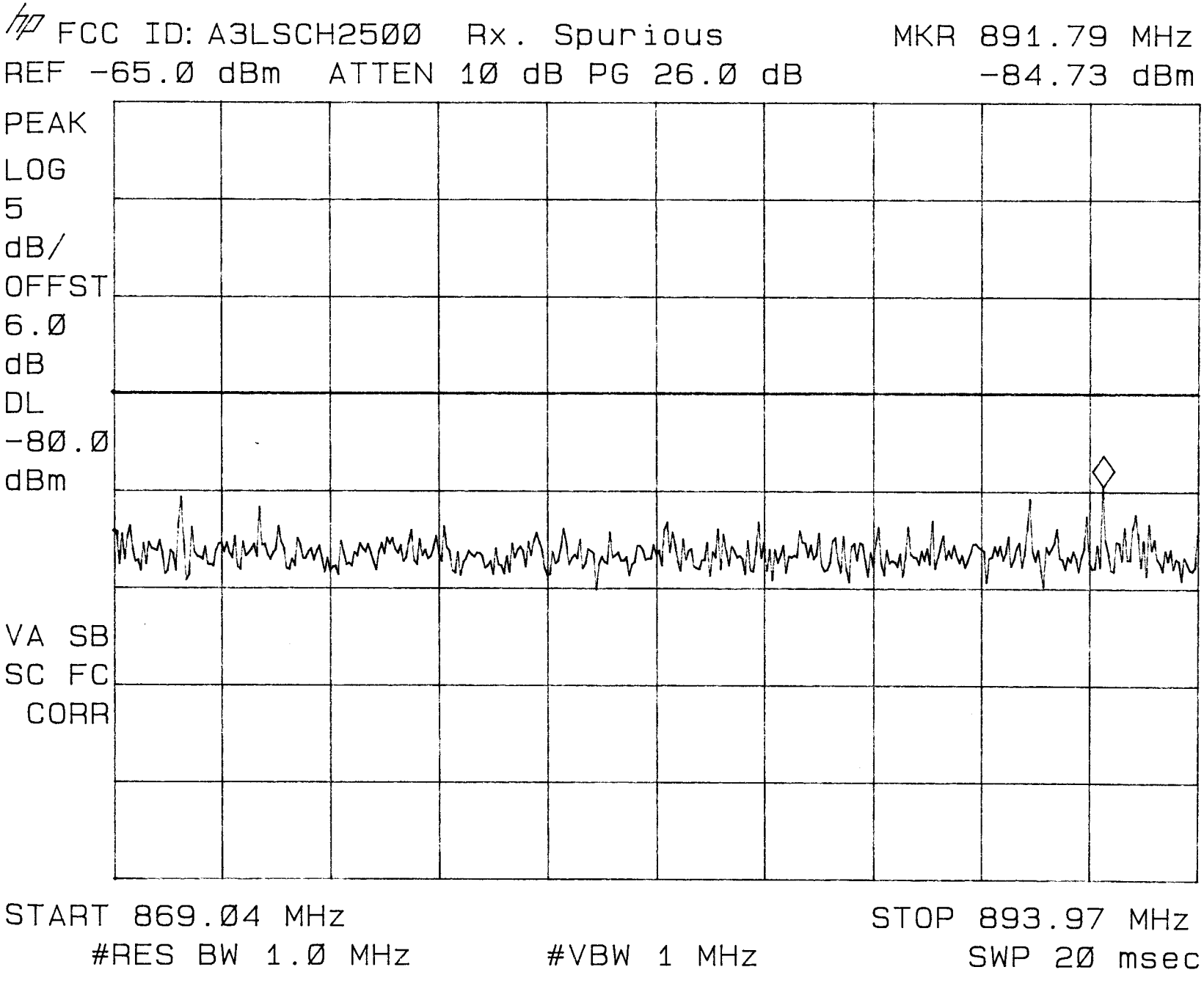

FCC ID-A3LSCH2500 Ch.Low
MKR 1.844 495 GHz
REF 23.0 dBm ATTEN 40 dB
-34.90 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 1.843 50 GHz
STOP 1.844 50 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

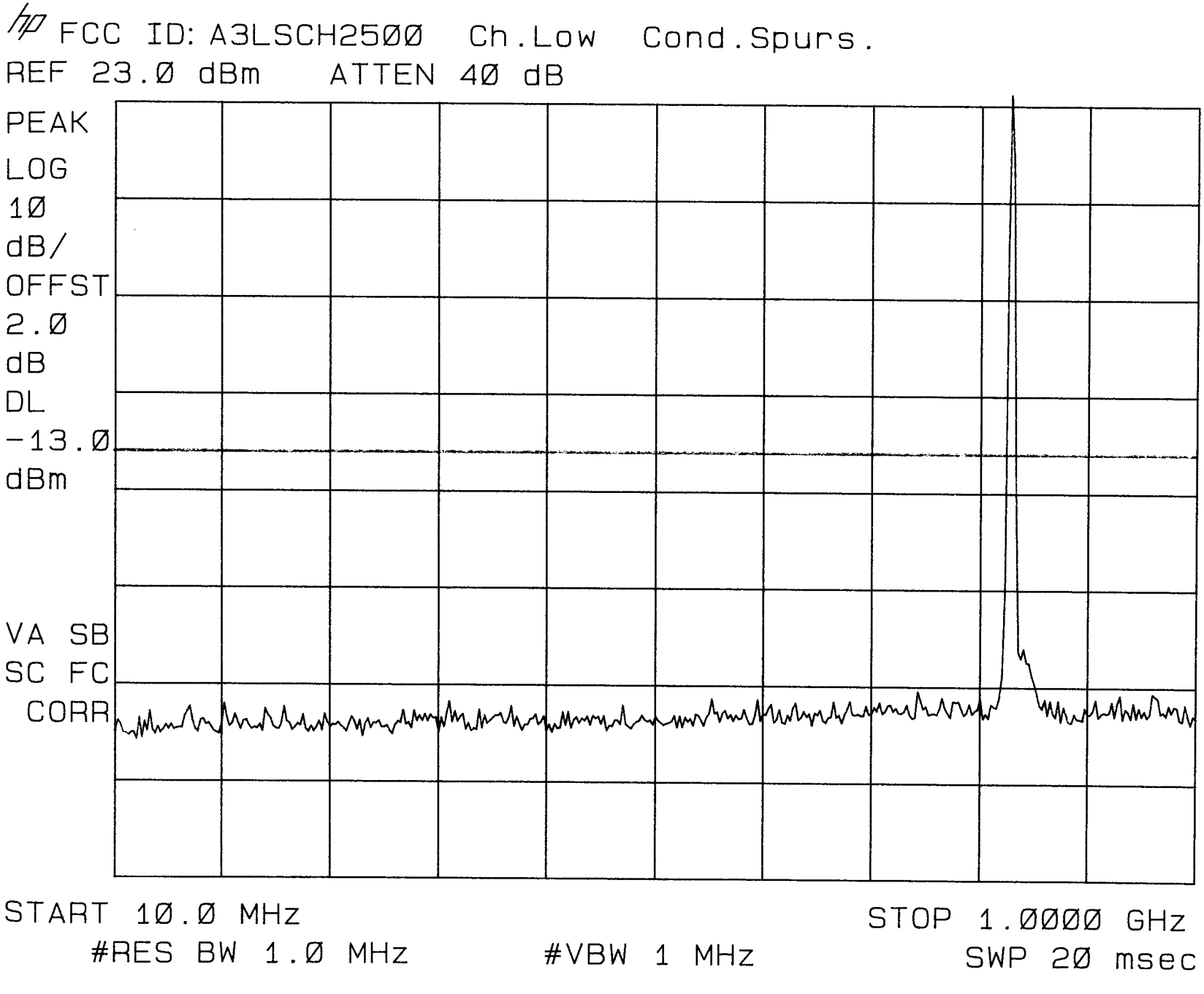

FCC ID-A3LSCH2500 Ch.High
REF 23.0 dBm ATTEN 40 dB
MKR 1.912 510 GHz
-19.90 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 1.912 50 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 1.913 50 GHz
SWP 20.0 msec

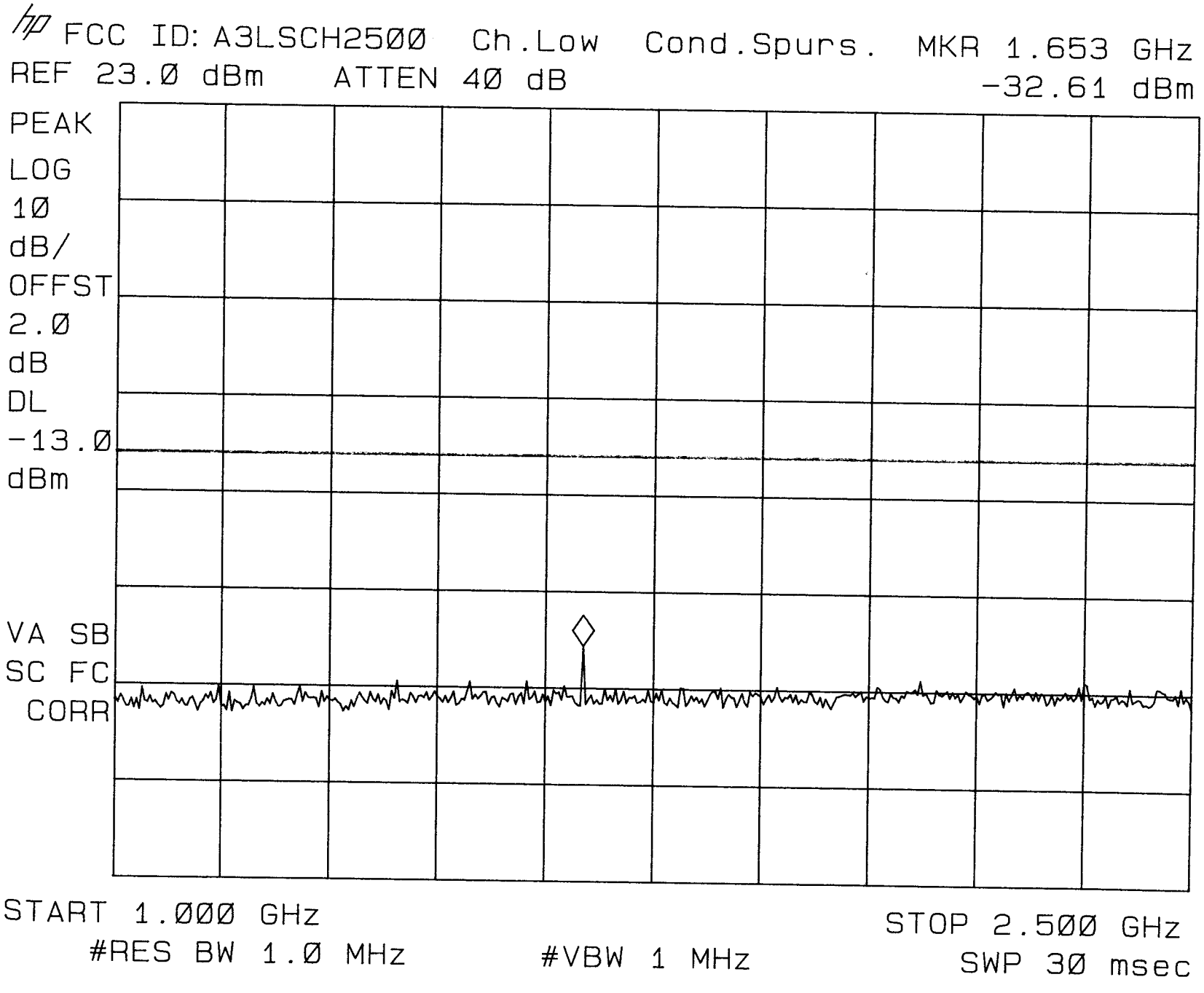

FCC ID-A3LSCH2500 Ch.High
REF 23.0 dBm ATTEN 40 dB
MKR 1.913 510 GHz
-29.00 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 1.913 50 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 1.914 50 GHz
SWP 20.0 msec

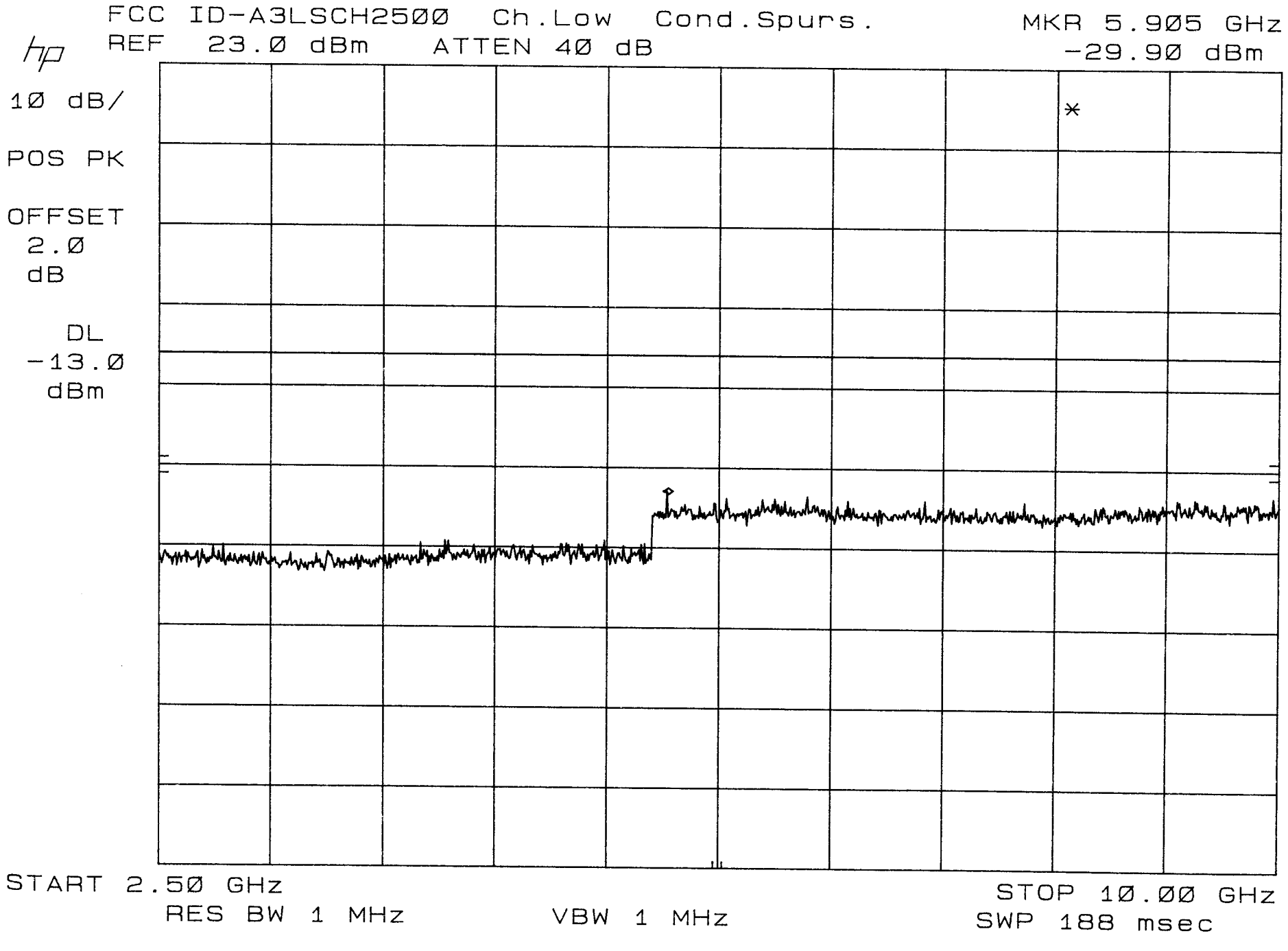

FCC ID-A3LSCH2500 Ch.High
MKR 1.914 510 0 GHz
REF 23.0 dBm ATTEN 40 dB
-37.10 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 1.914 50 0 GHz
STOP 1.915 50 0 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec

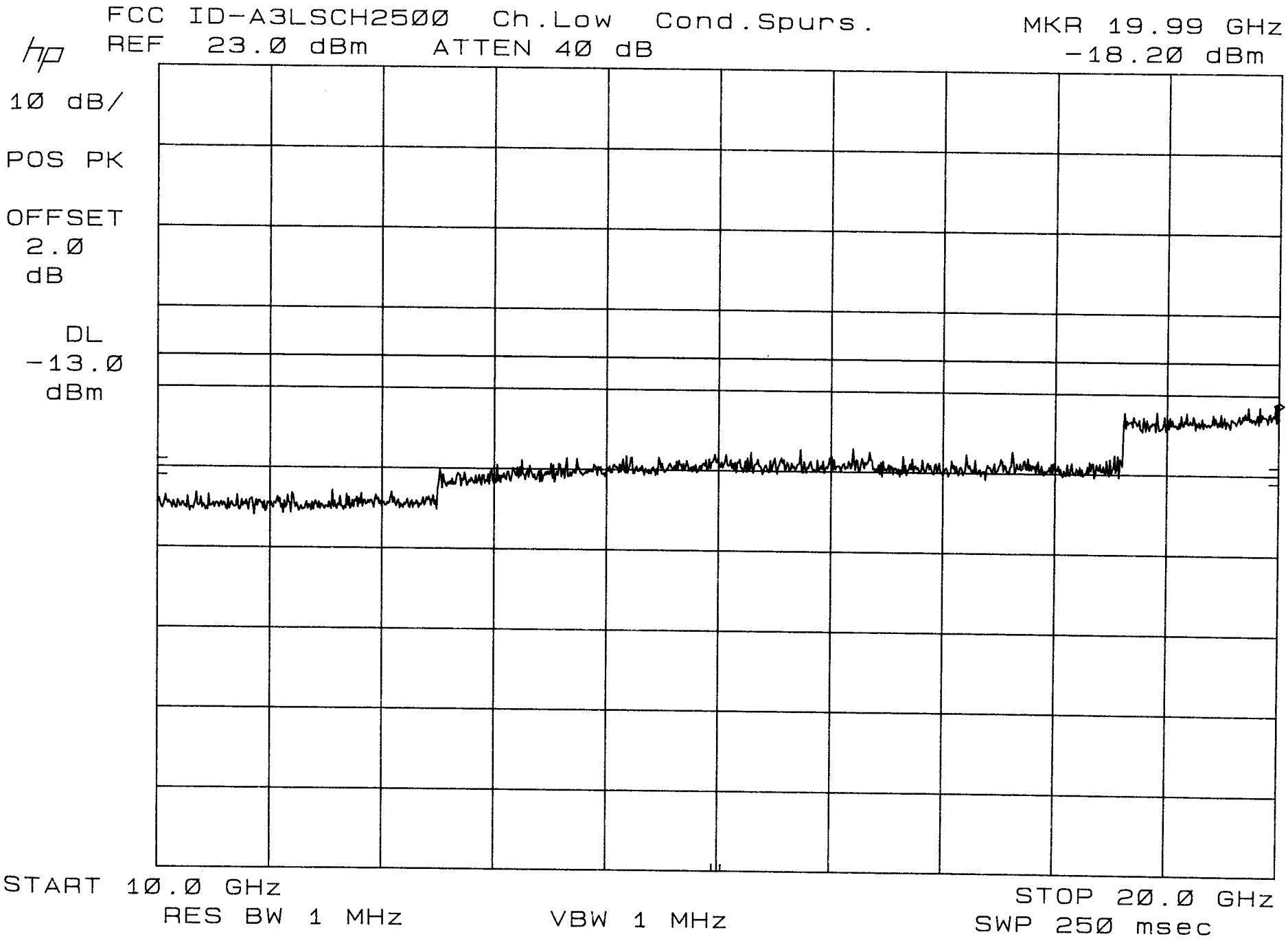

FCC ID-A3LSCH2500 Ch.High
REF 23.0 dBm ATTEN 40 dB
MKR 1.915 510 GHz
-37.70 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 1.915 50 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 1.916 50 GHz
SWP 20.0 msec

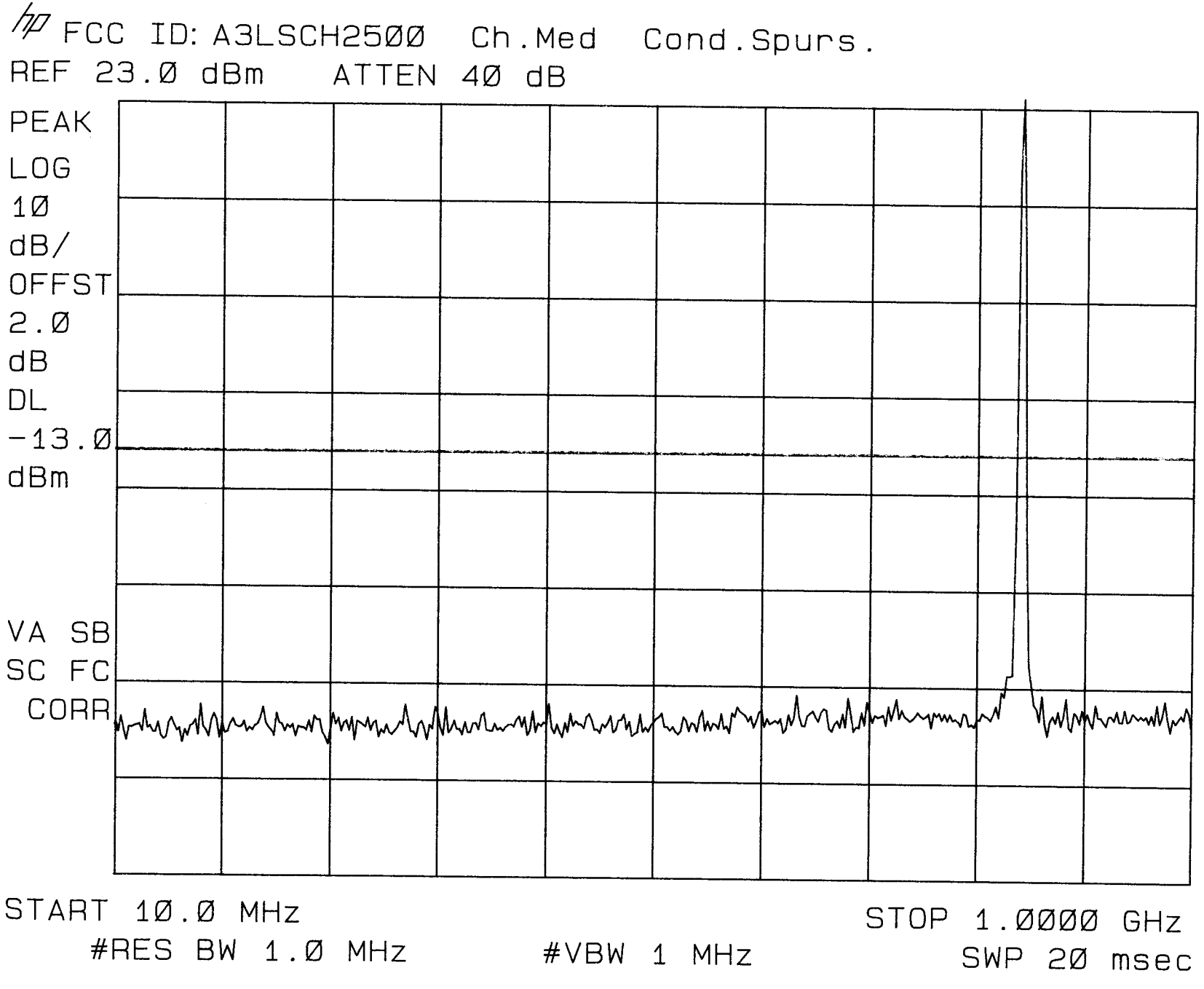

FCC ID: A3LSCH2500 Rx. Spurious
MKR 891.79 MHz
REF -65.0 dBm ATTEN 10 dB PG 26.0 dB
-84.73 dBm
PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm
VA SB
SC FC
CORR
START 869.04 MHz
STOP 893.97 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
SWP 20 msec

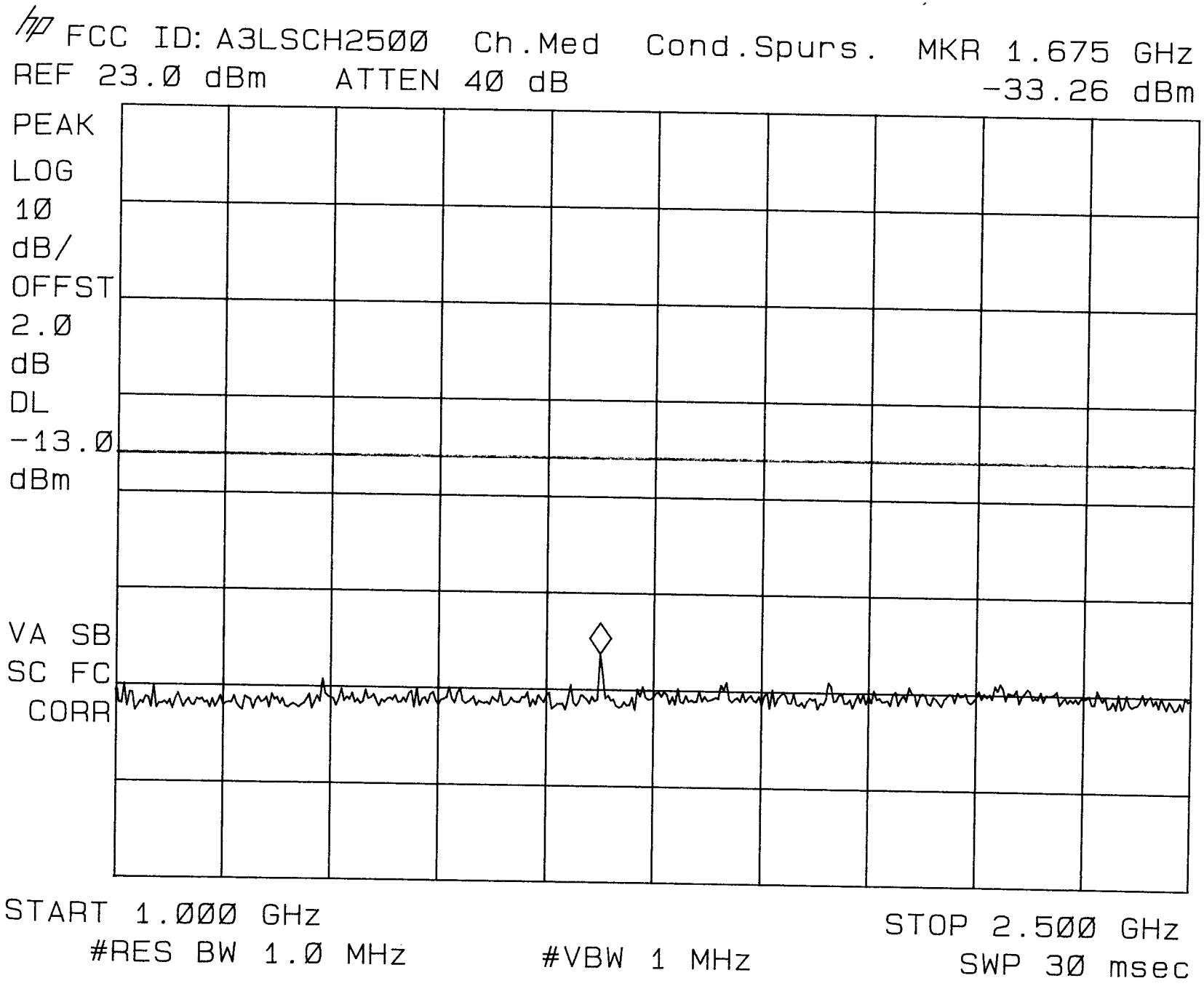

FCC ID: A3LSCH2500 Ch.Low Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10.0 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 1.0000 GHz
SWP 20 msec

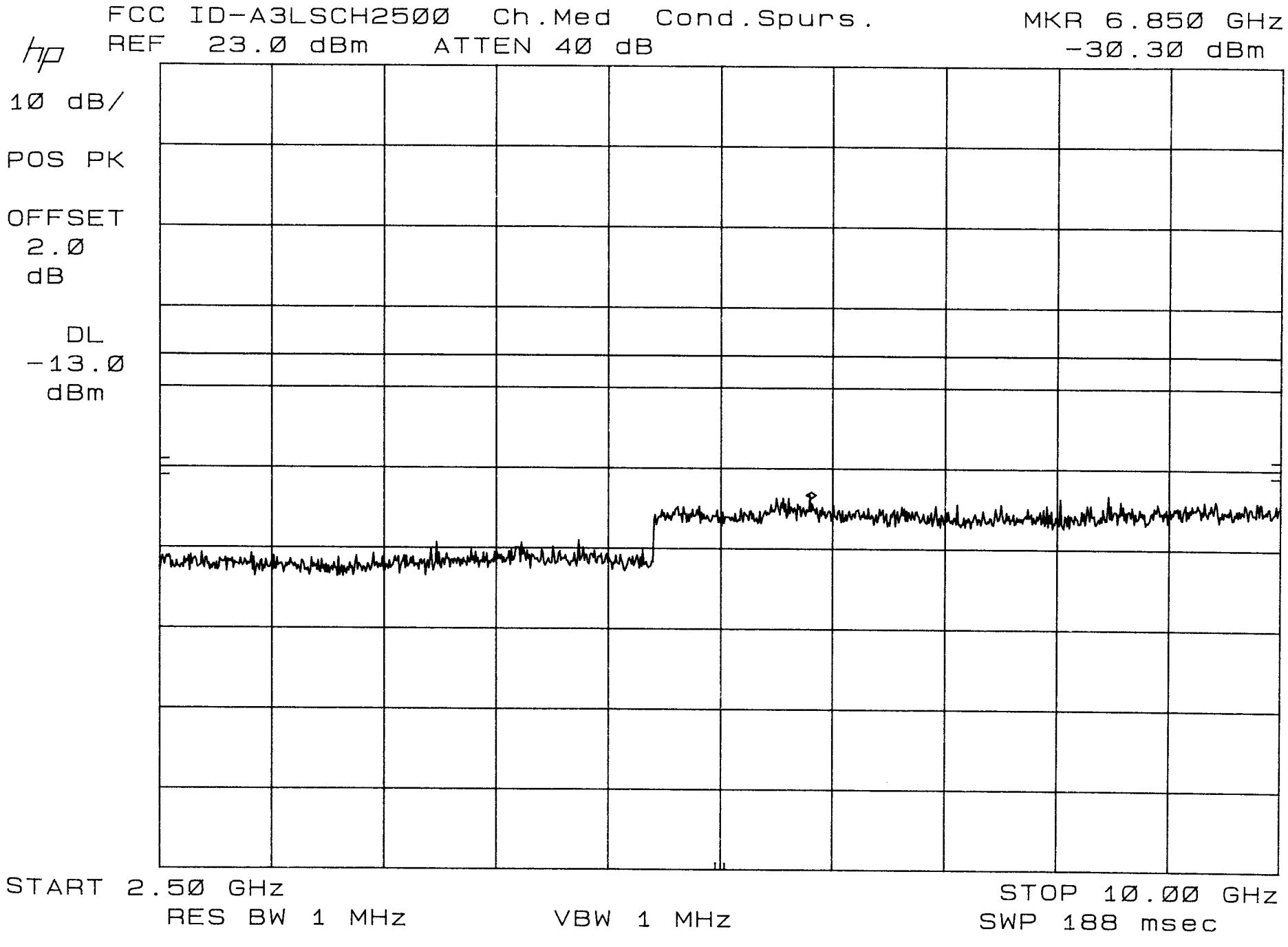

FCC ID: A3LSCH2500 Ch.Low Cond.Spurs. MKR 1.653 GHz
REF 23.0 dBm ATTEN 40 dB -32.61 dBm
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 1.000 GHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 2.500 GHz
SWP 30 msec

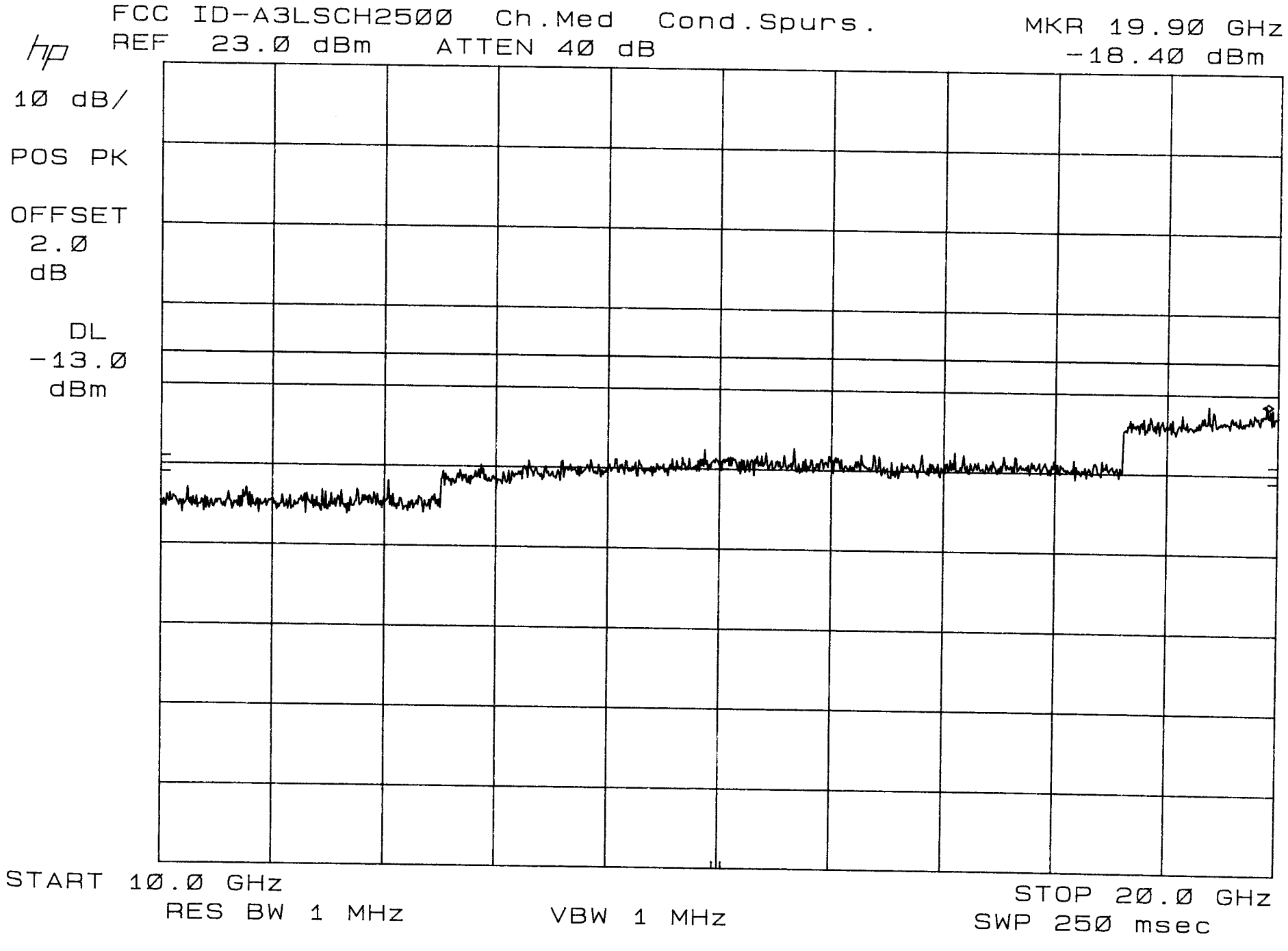

FCC ID-A3LSCH2500 Ch.Low Cond.Spurs.
MKR 5.905 GHz
REF 23.0 dBm ATTEN 40 dB
-29.90 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 2.50 GHz
STOP 10.00 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

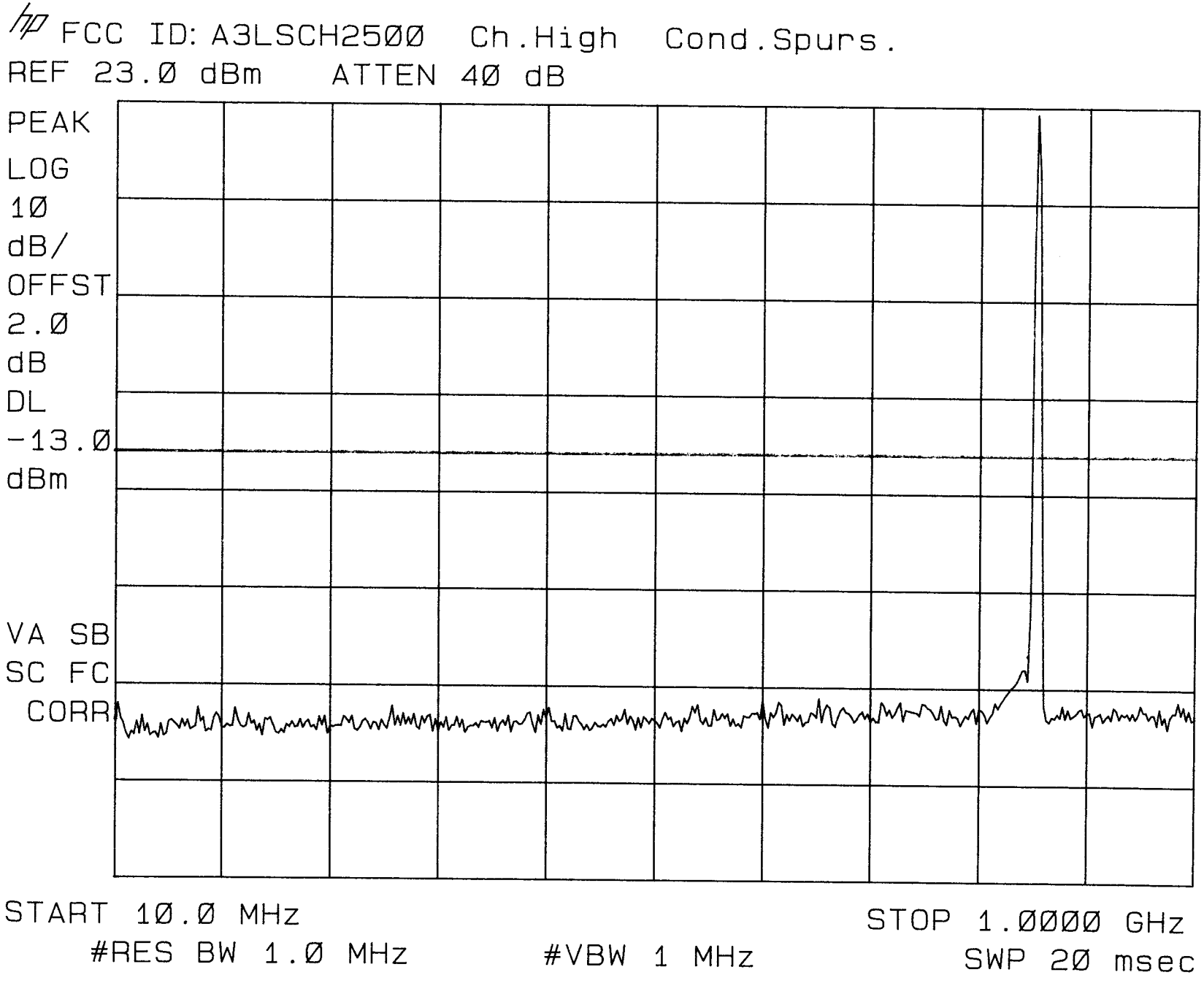

FCC ID-A3LSCH2500 Ch.Low Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
MKR 19.99 GHz
-18.20 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 20.0 GHz
SWP 250 msec

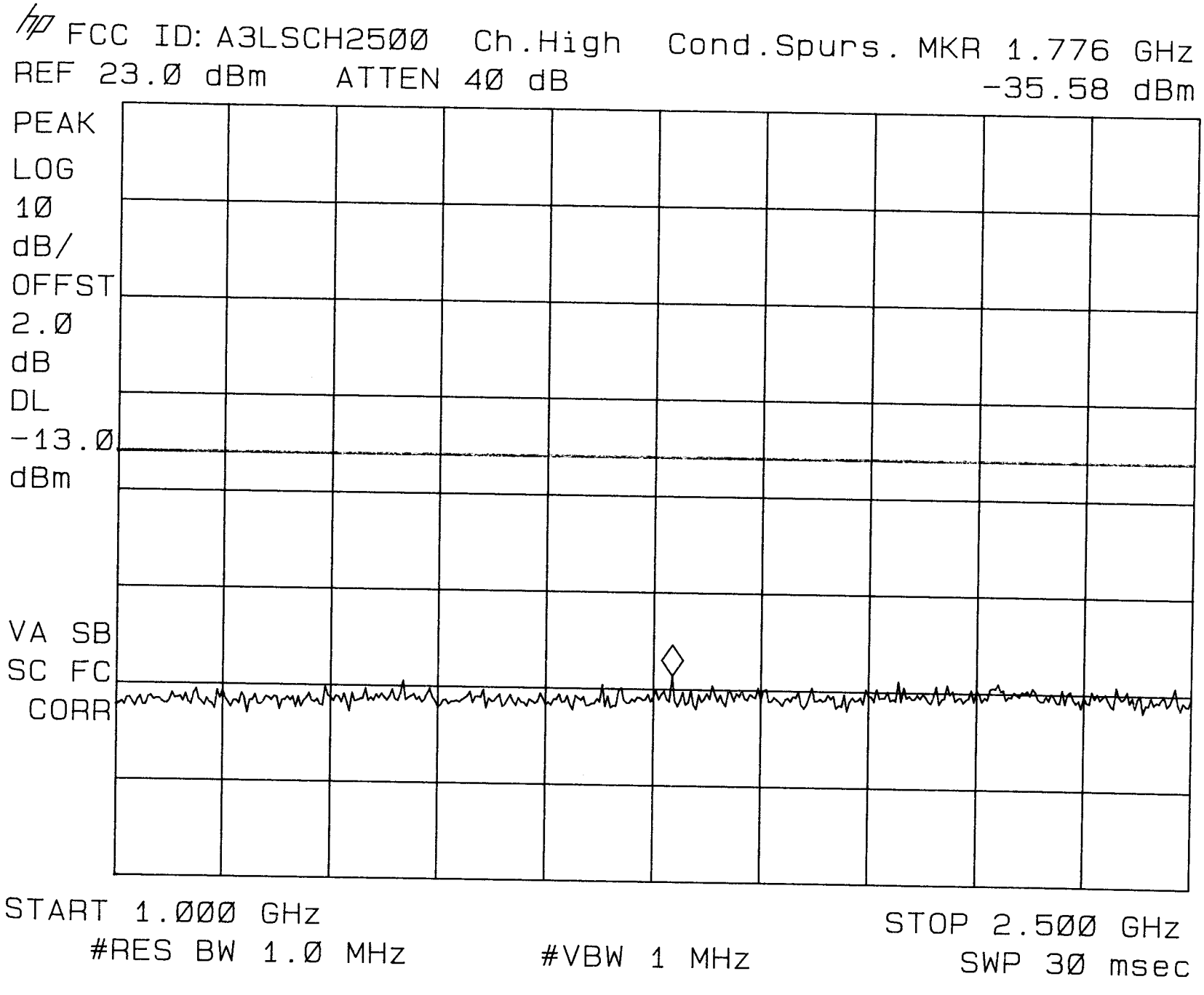

FCC ID: A3LSCH2500 Ch.Med Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10.0 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 1.0000 GHz
SWP 20 msec

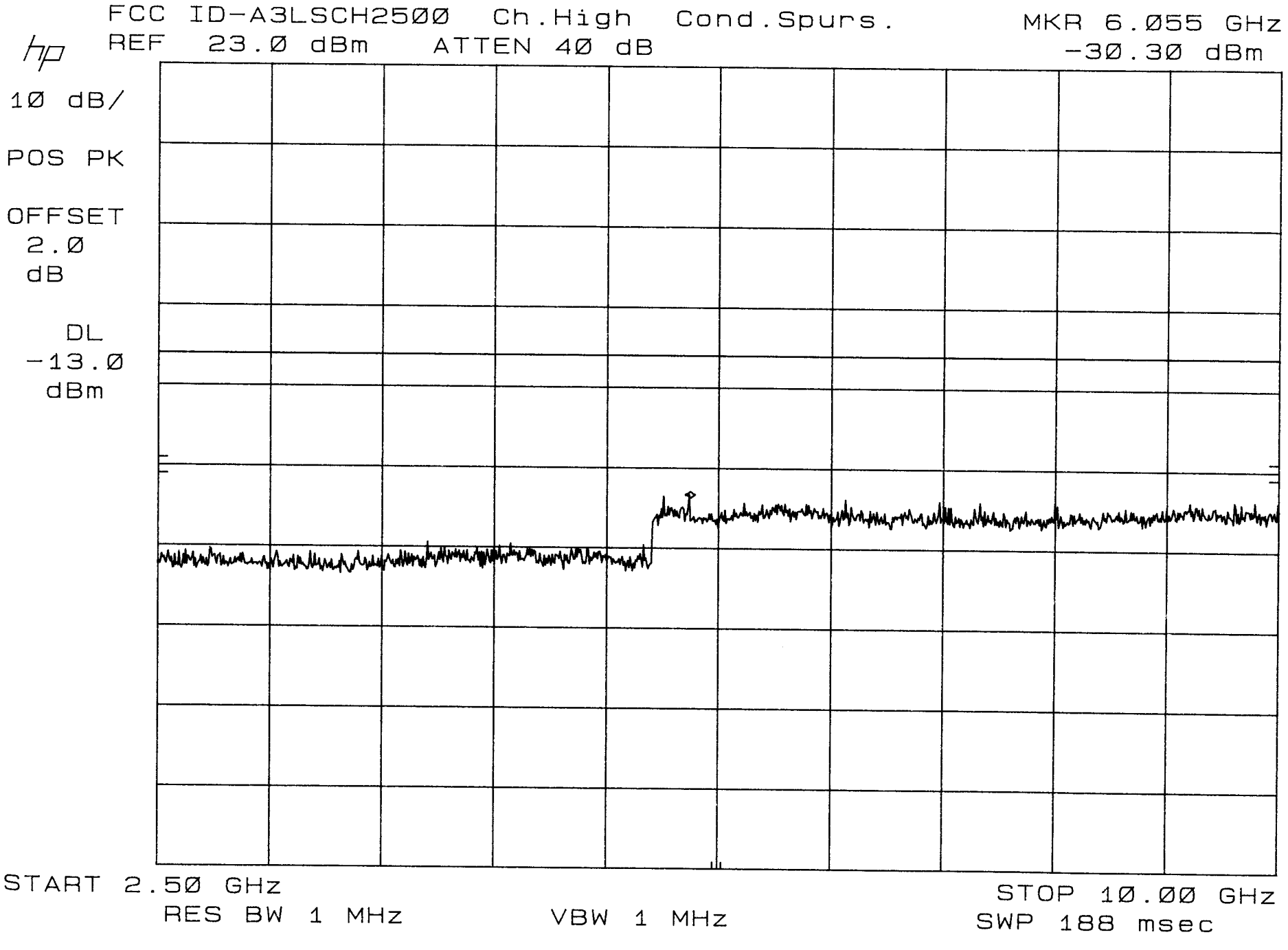

FCC ID: A3LSCH2500 Ch.Med Cond.Spurs. MKR 1.675 GHz
REF 23.0 dBm ATTEN 40 dB -33.26 dBm
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 1.000 GHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 2.500 GHz
SWP 30 msec

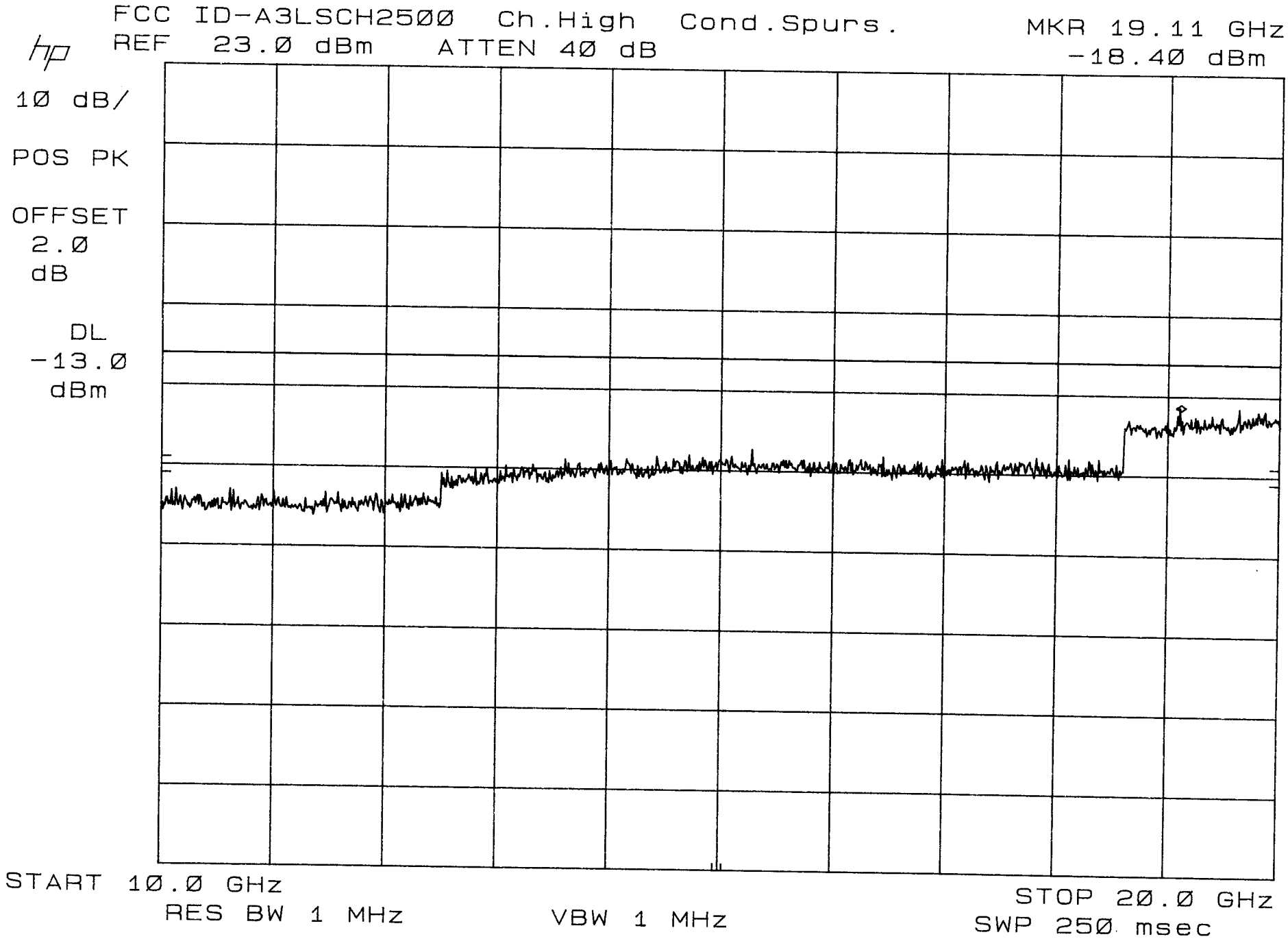

FCC ID-A3LSCH2500 Ch.Med Cond.Spurs.
MKR 6.850 GHz
REF 23.0 dBm ATTEN 40 dB
-30.30 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 2.50 GHz
STOP 10.00 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

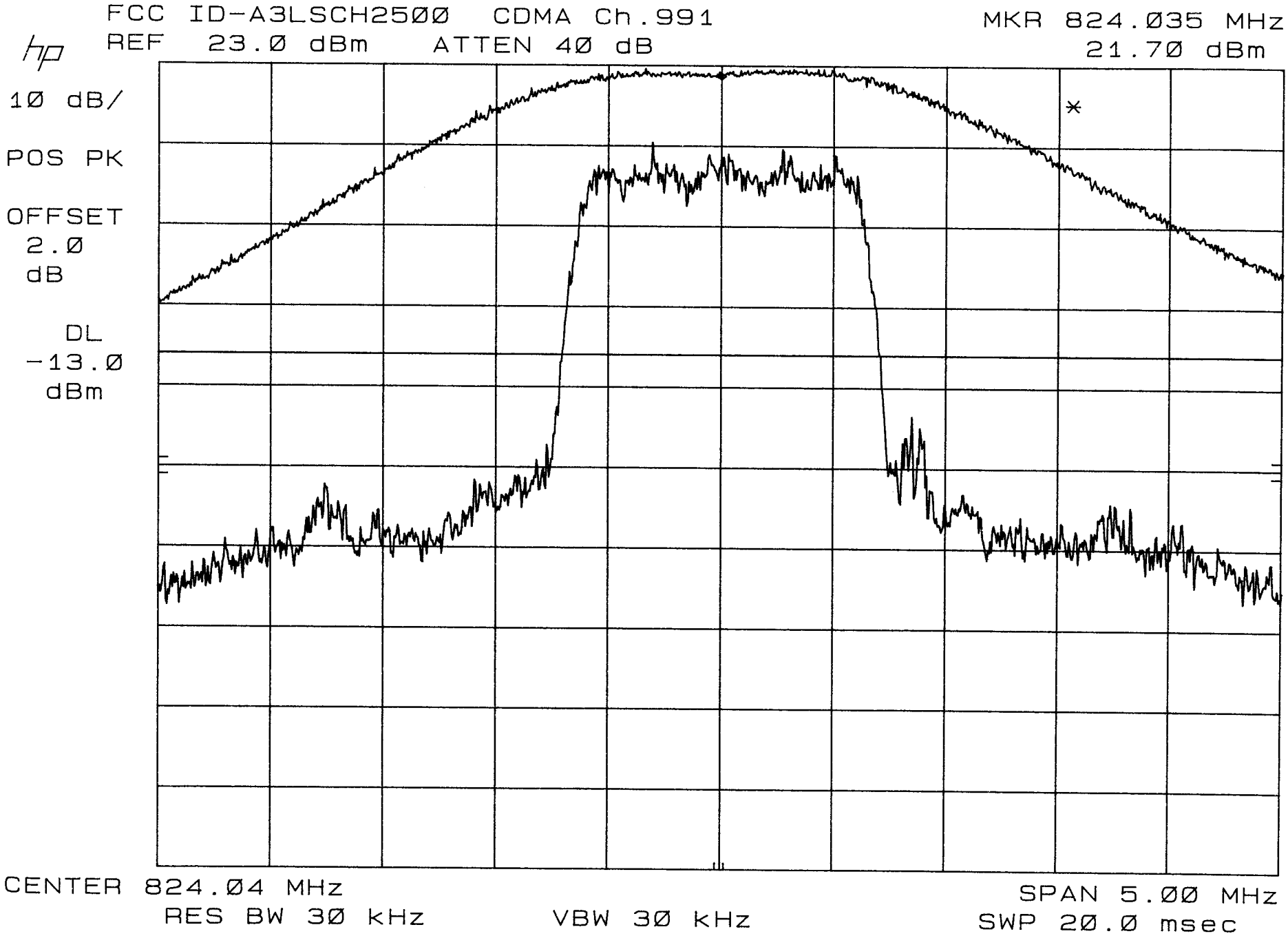

FCC ID-A3LSCH2500 Ch.Med Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
MKR 19.90 GHz
-18.40 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 20.0 GHz
SWP 250 msec

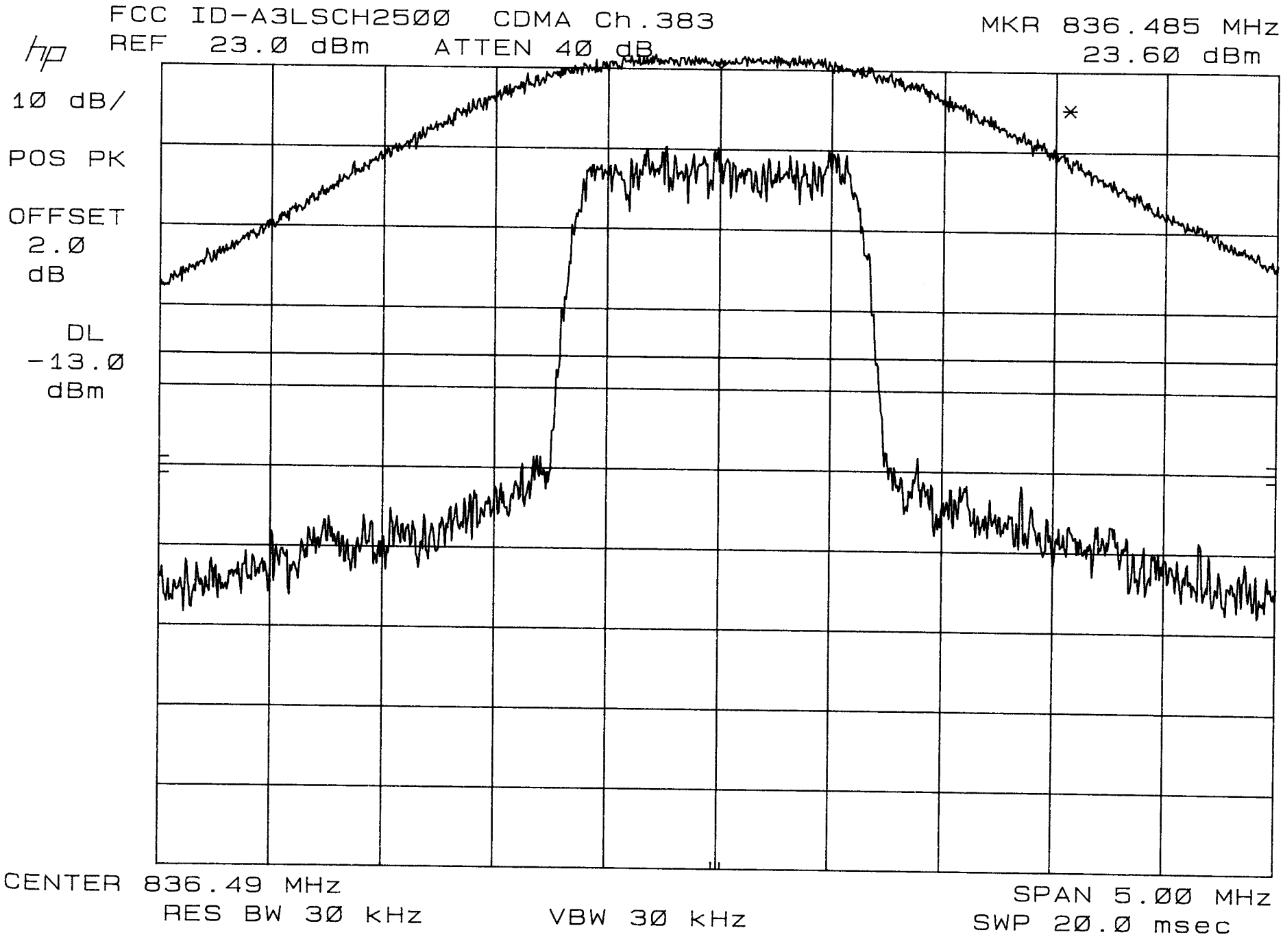

FCC ID: A3LSCH2500 Ch.High Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10.0 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 1.0000 GHz
SWP 20 msec

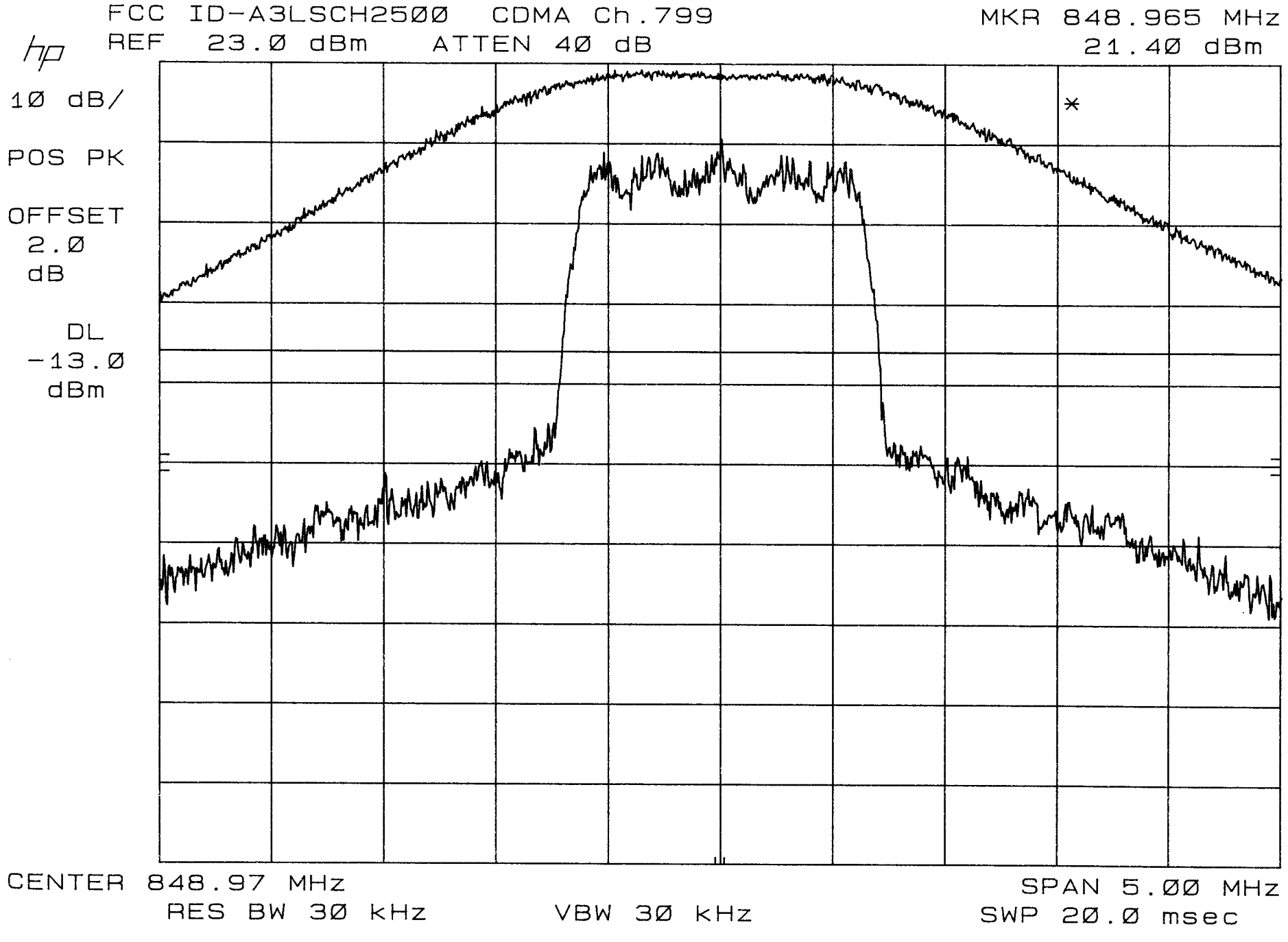

FCC ID: A3LSCH2500 Ch.High Cond.Spurs. MKR 1.776 GHz
REF 23.0 dBm ATTEN 40 dB -35.58 dBm
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 1.000 GHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 2.500 GHz
SWP 30 msec

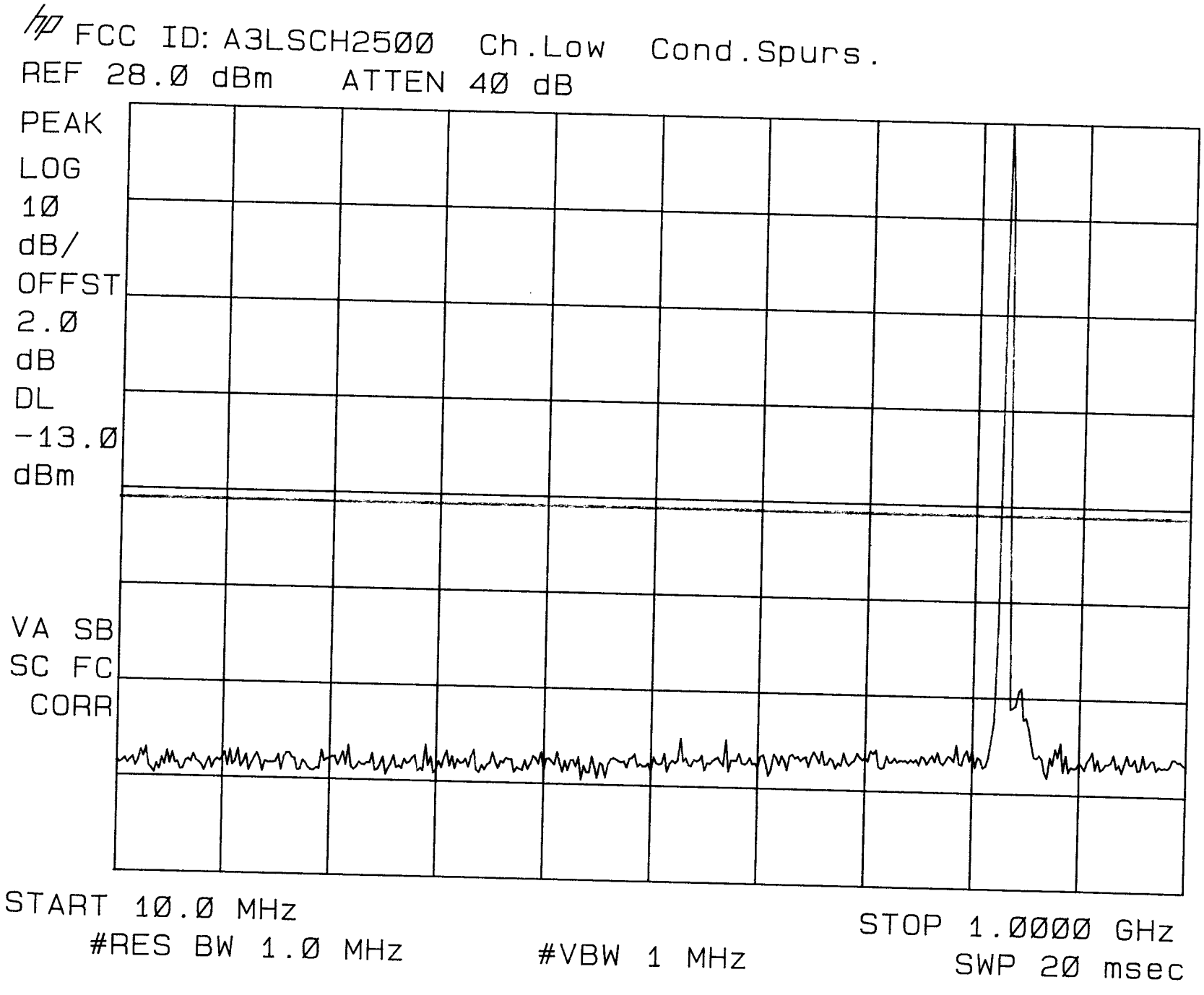

FCC ID-A3LSCH2500 Ch.High Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
MKR 6.055 GHz
-30.30 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 2.50 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 10.00 GHz
SWP 188 msec

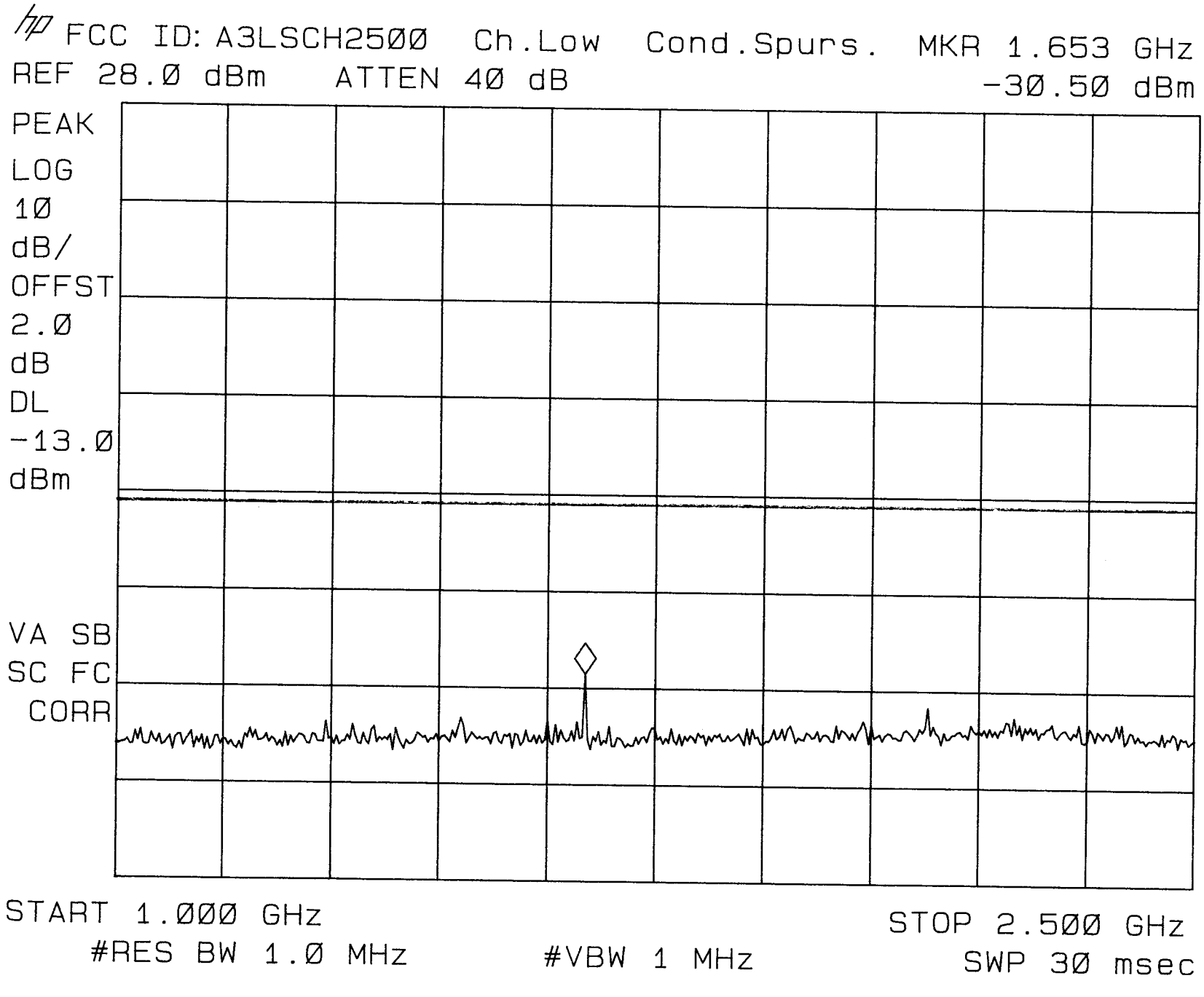

FCC ID-A3LSCH2500 Ch.High Cond.Spurs.
REF 23.0 dBm ATTEN 40 dB
MKR 19.11 GHz
-18.40 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 20.0 GHz
SWP 250 msec

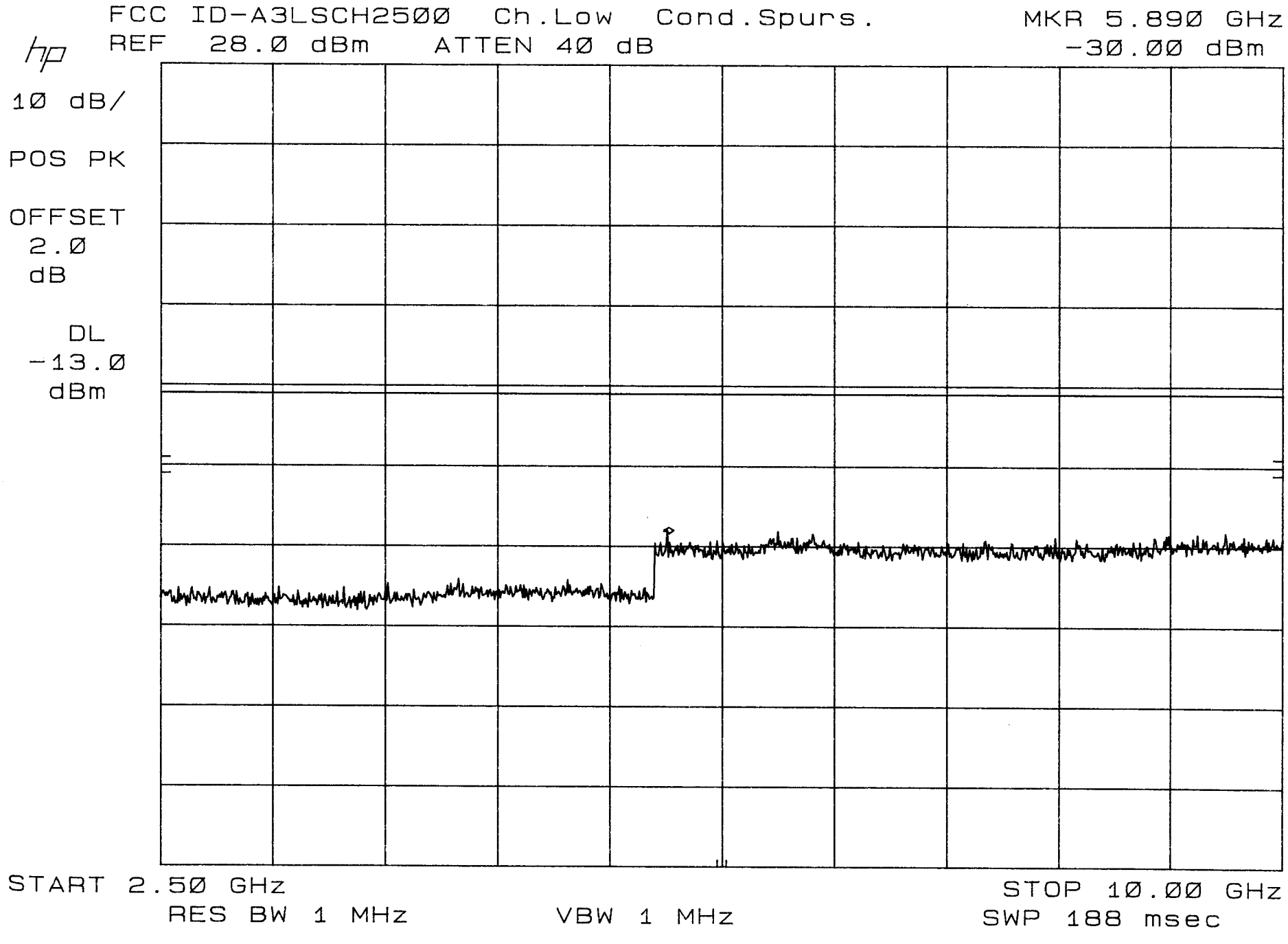

FCC ID-A3LSCH2500 CDMA Ch.991
REF 23.0 dBm ATTEN 40 dB
MKR 824.035 MHz
21.70 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
CENTER 824.04 MHz
RES BW 30 kHz
VBW 30 kHz
SPAN 5.00 MHz
SWP 20.0 msec

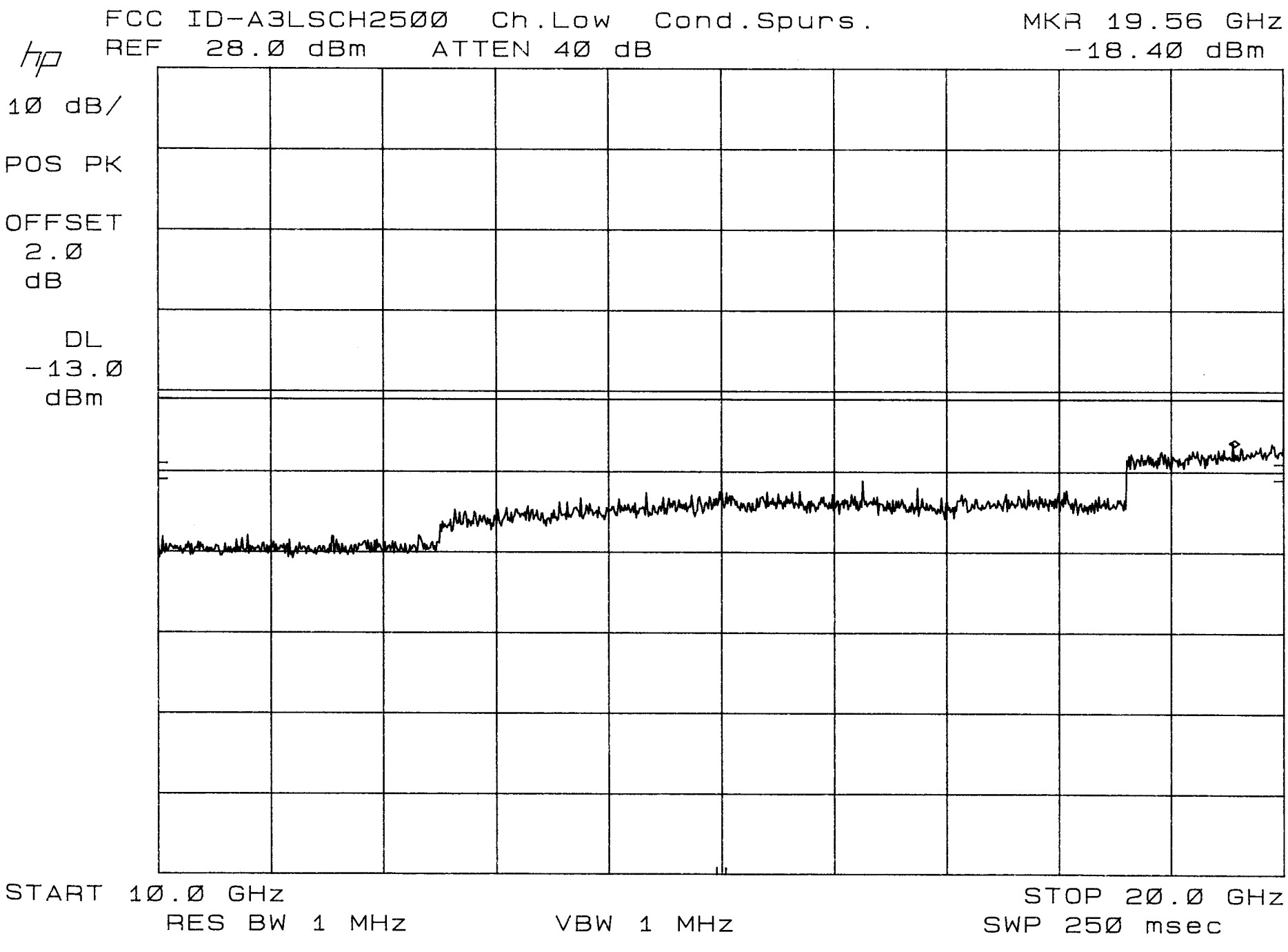

FCC ID-A3LSCH2500 CDMA Ch.383
REF 23.0 dBm ATTEN 40 dB
MKR 836.485 MHz
23.60 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
CENTER 836.49 MHz
RES BW 30 kHz
VBW 30 kHz
SPAN 5.00 MHz
SWP 20.0 msec

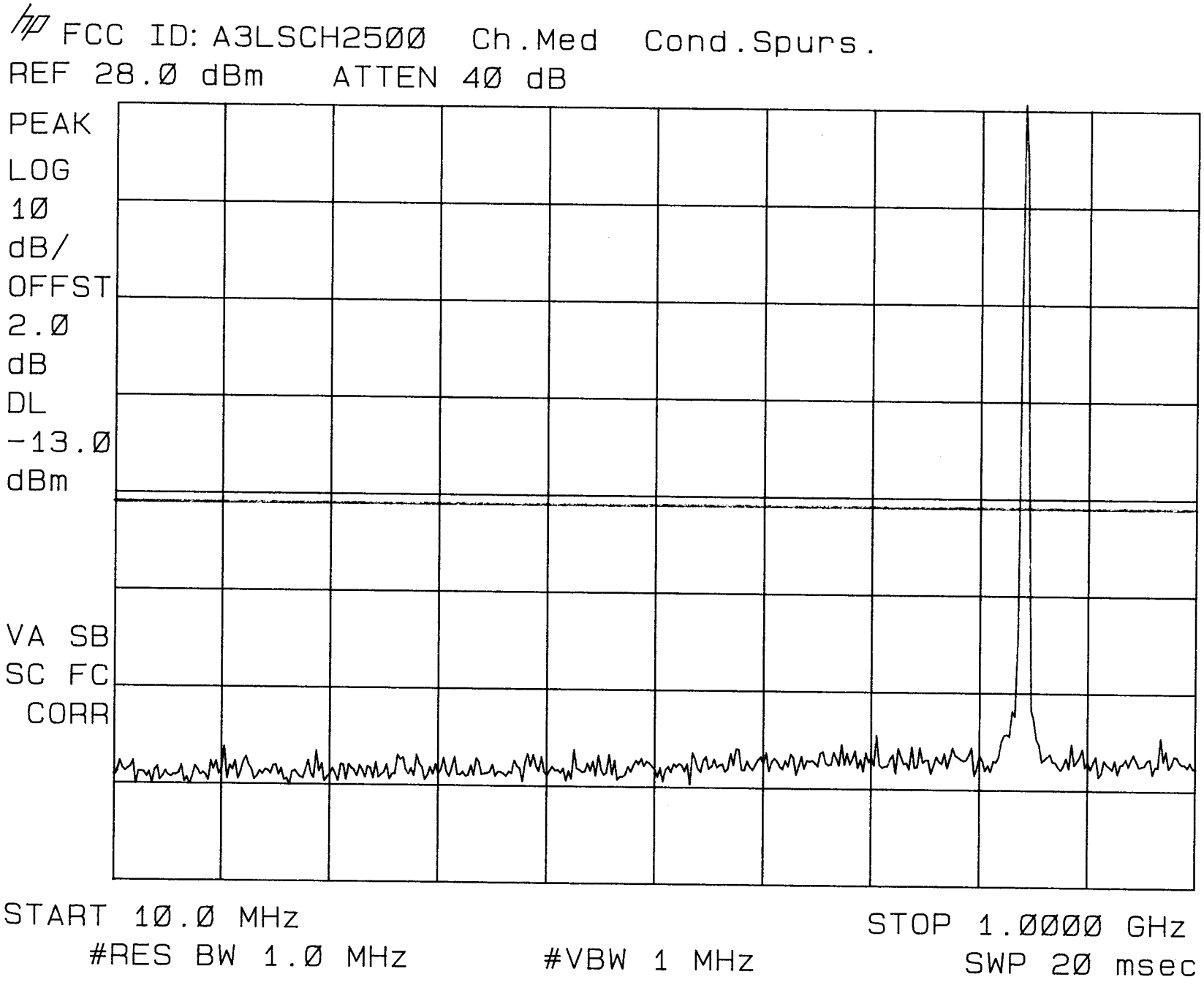

FCC ID-A3LSCH2500 CDMA Ch.799
MKR 848.965 MHz
REF 23.0 dBm ATTEN 40 dB
21.40 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
CENTER 848.97 MHz
SPAN 5.00 MHz
RES BW 30 kHz
VBW 30 kHz
SWP 20.0 msec

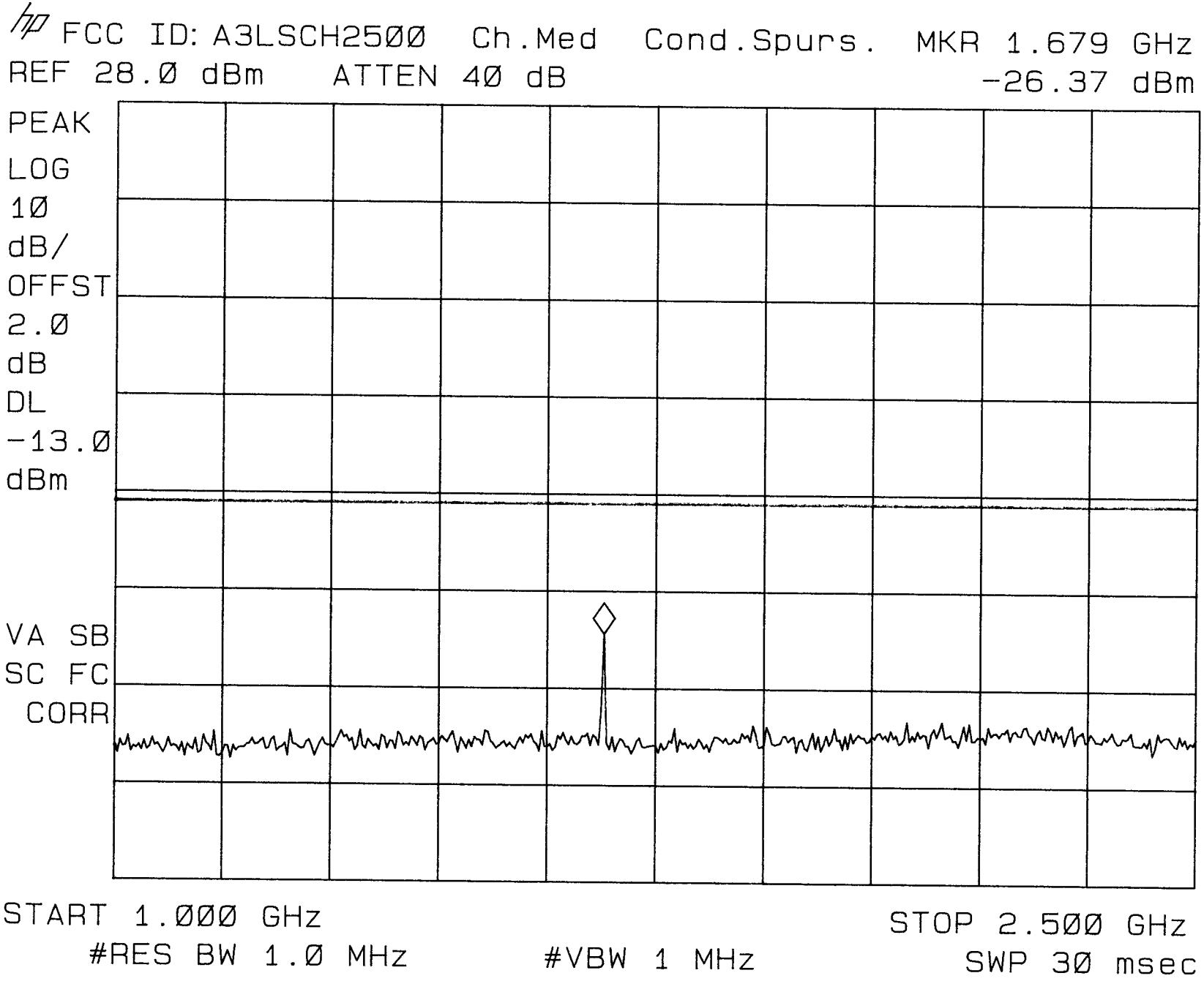

FCC ID: A3LSCH2500 Ch.Low Cond.Spurs.
REF 28.0 dBm
ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10.0 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 1.0000 GHz
SWP 20 msec

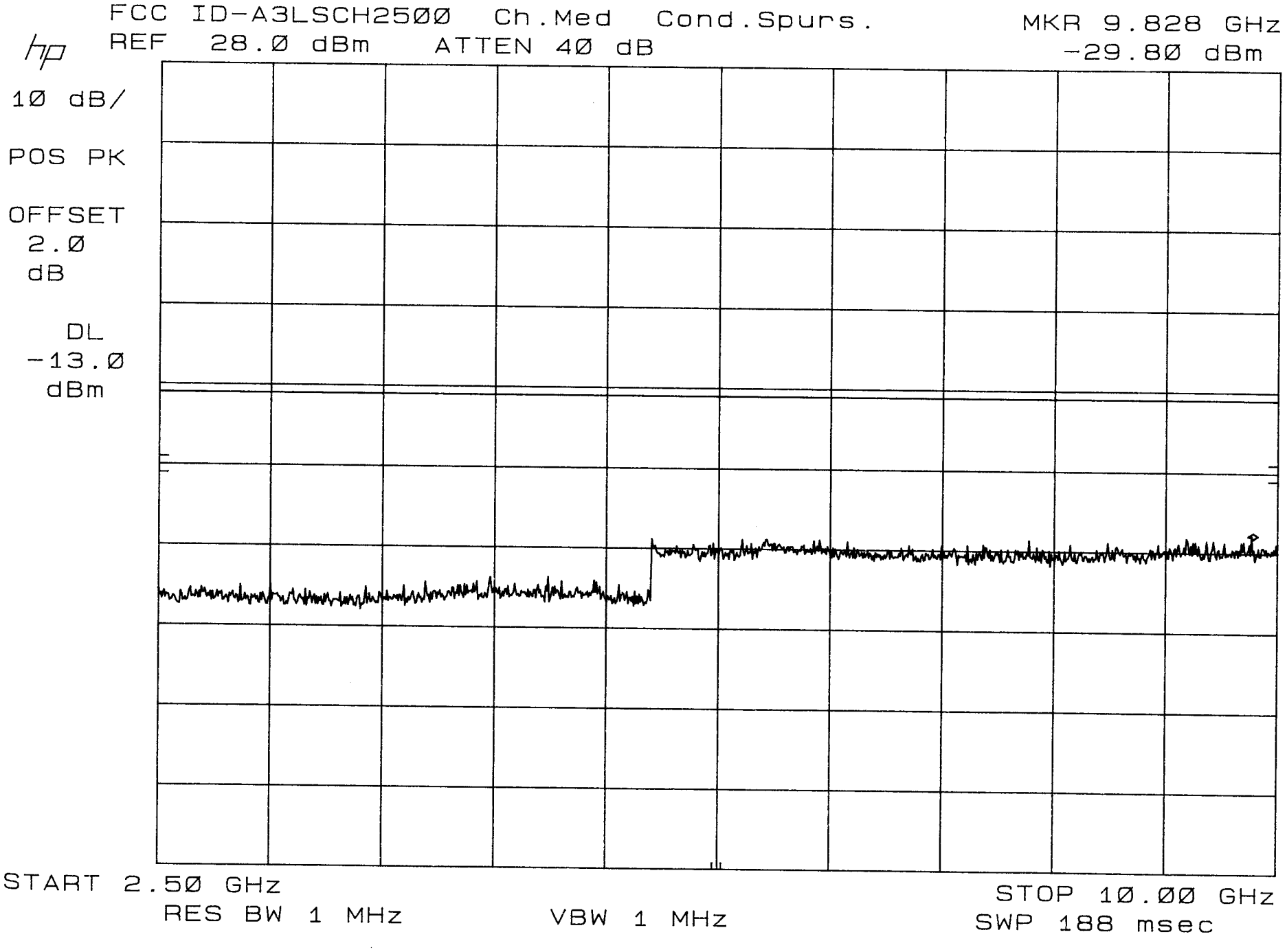

FCC ID: A3LSCH2500 Ch.Low Cond.Spurs. MKR 1.653 GHz
REF 28.0 dBm ATTEN 40 dB -30.50 dBm
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 1.000 GHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 2.500 GHz
SWP 30 msec

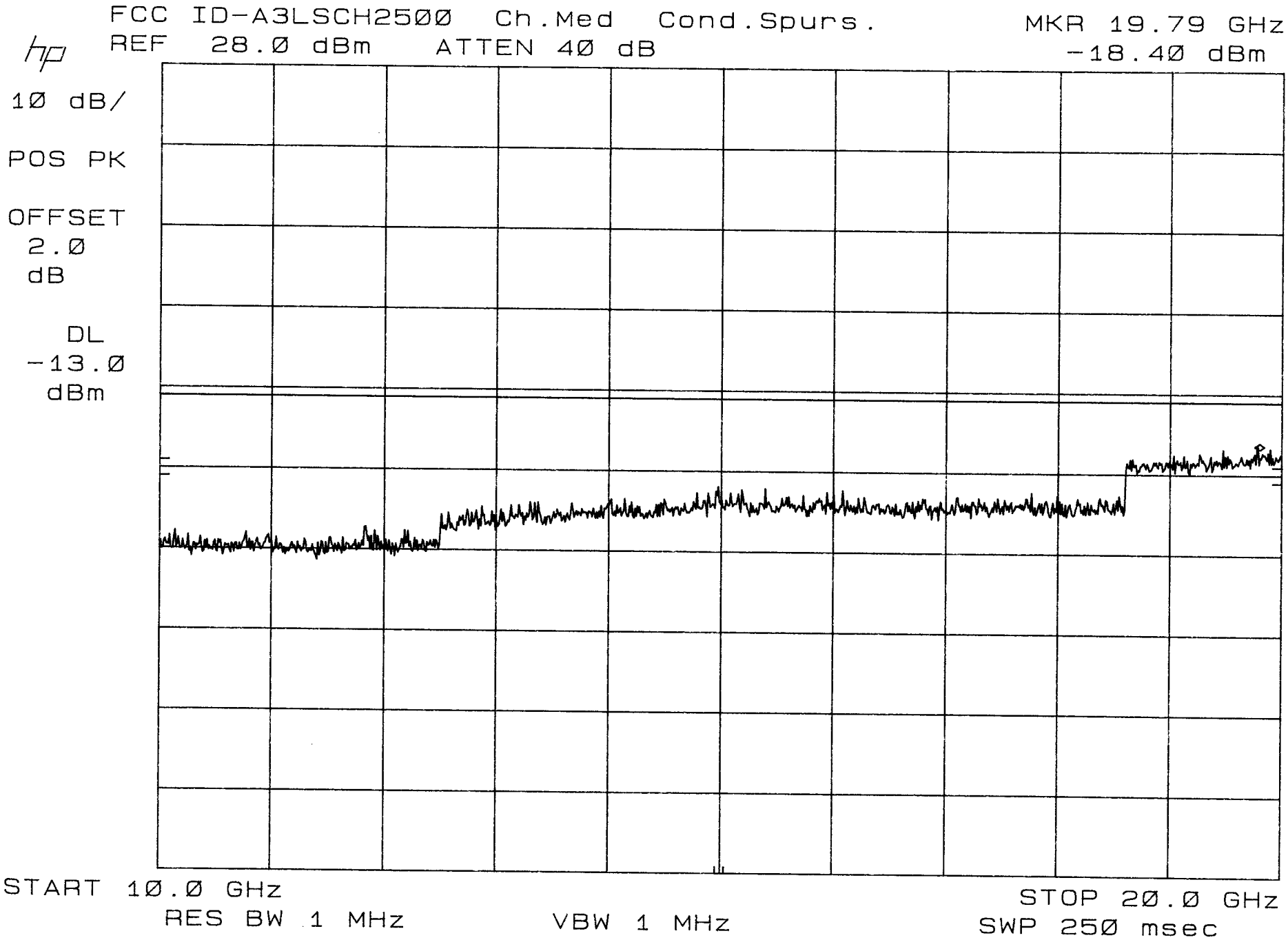

FCC ID-A3LSCH2500 Ch.Low Cond.Spurs.
MKR 5.890 GHz
REF 28.0 dBm ATTEN 40 dB
-30.00 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 2.50 GHz
STOP 10.00 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 188 msec

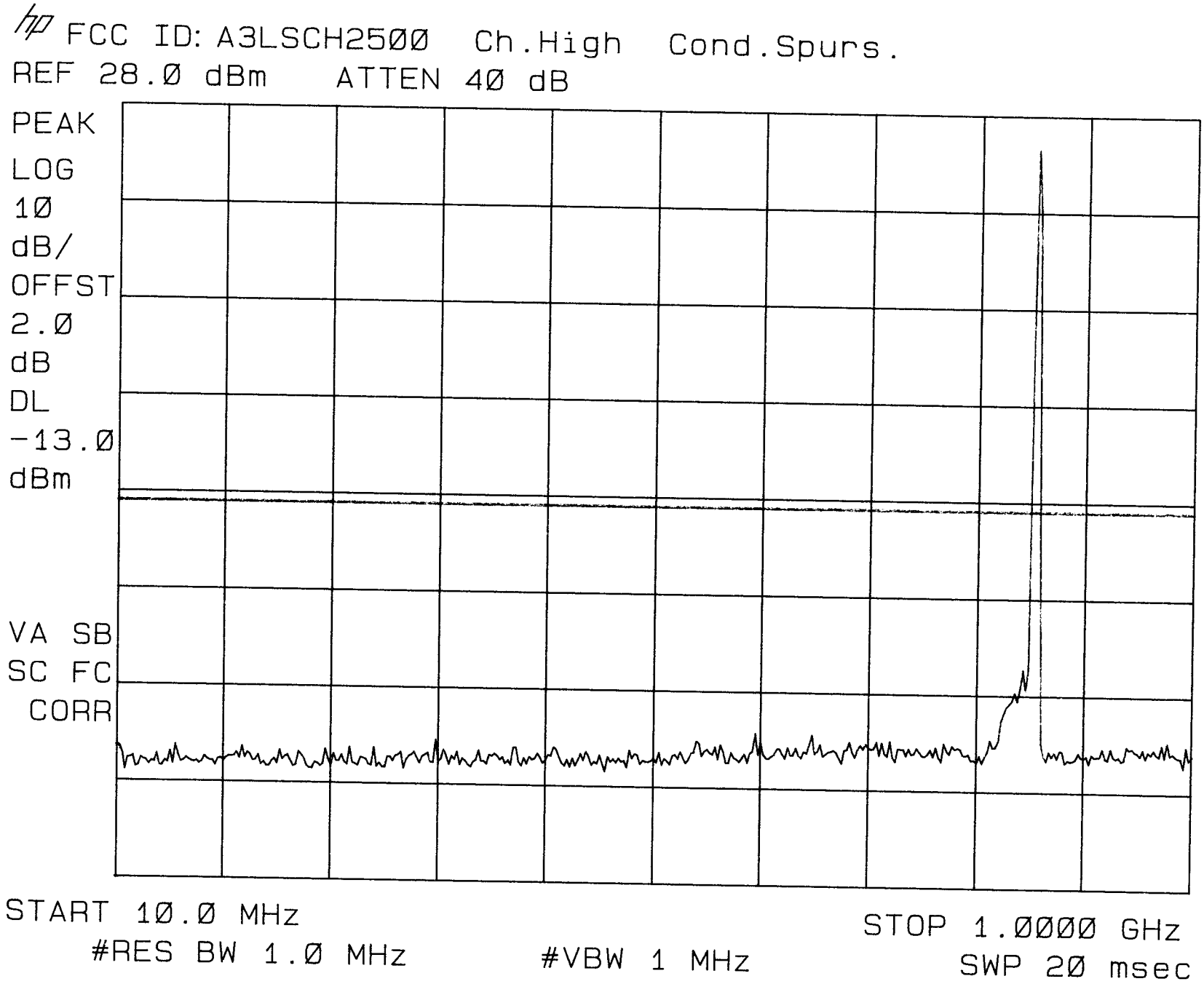

FCC ID-A3LSCH2500 Ch.Low Cond.Spurs.
MKR 19.56 GHz
REF 28.0 dBm
ATTEN 40 dB
-18.40 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
STOP 20.0 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 250 msec

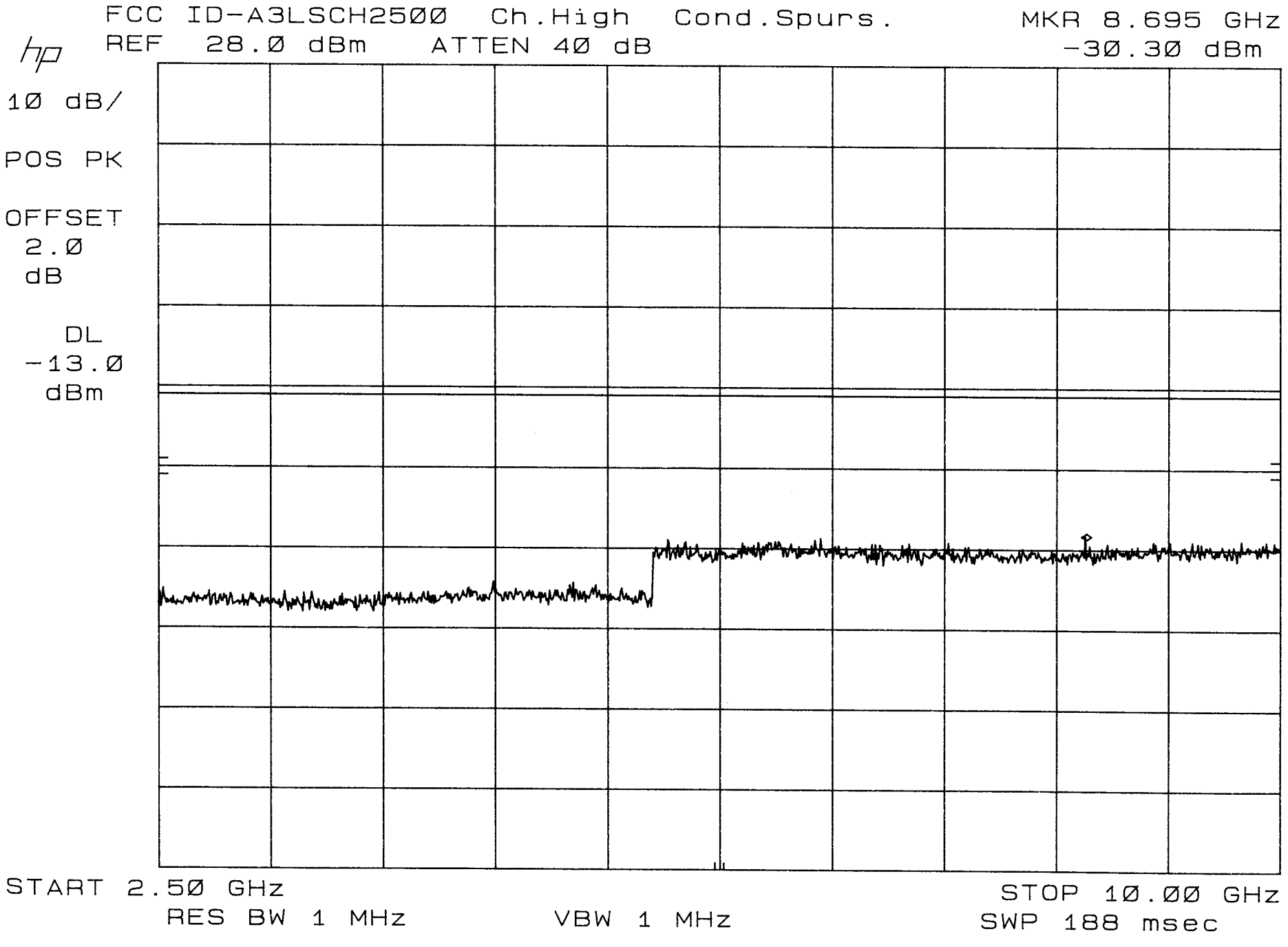

FCC ID: A3LSCH2500 Ch.Med Cond.Spurs.
REF 28.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10.0 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 1.0000 GHz
SWP 20 msec

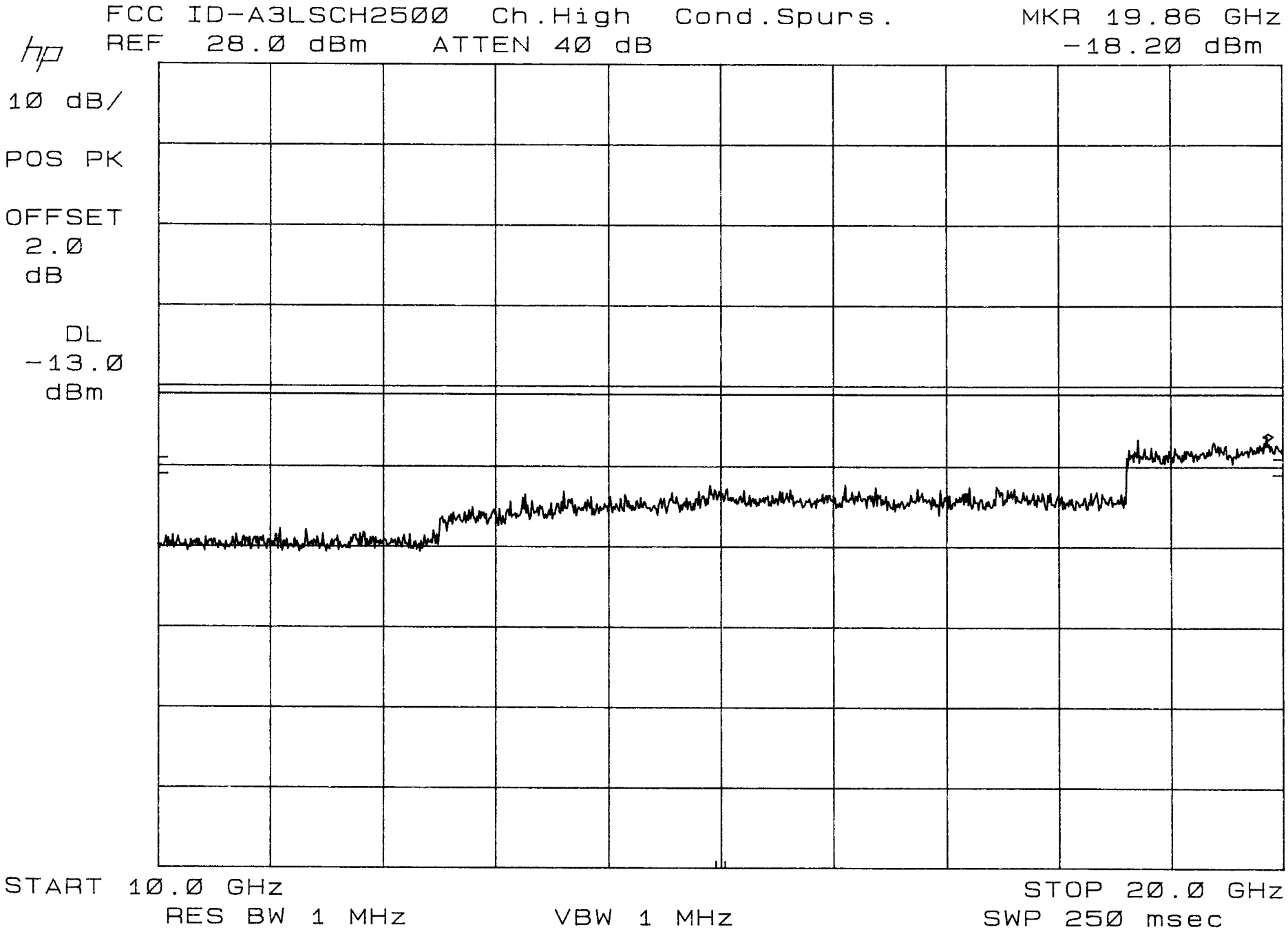

FCC ID: A3LSCH2500 Ch.Med Cond.Spurs. MKR 1.679 GHz
REF 28.0 dBm ATTEN 40 dB -26.37 dBm
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 1.000 GHz
STOP 2.500 GHz
#RES BW 1.0 MHz
#VBW 1 MHz
SWP 30 msec


FCC ID-A3LSCH2500 Ch.Med Cond.Spurs.
REF 28.0 dBm ATTEN 40 dB
MKR 9.828 GHz
-29.80 dBm
10 dB/
POS PK
OFFSET
2.0
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-A3LSCH2500 Ch.Med Cond.Spurs.
REF 28.0 dBm ATTEN 40 dB
MKR 19.79 GHz
-18.40 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
RES BW 1 MHz
VBW 1 MHz
STOP 20.0 GHz
SWP 250 msec


FCC ID: A3LSCH2500 Ch.High Cond.Spurs.
REF 28.0 dBm ATTEN 40 dB
PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm
VA SB
SC FC
CORR
START 10.0 MHz
#RES BW 1.0 MHz
#VBW 1 MHz
STOP 1.0000 GHz
SWP 20 msec


FCC ID-A3LSCH2500 Ch.High Cond.Spurs.
MKR 8.695 GHz
REF 28.0 dBm ATTEN 40 dB
-30.30 dBm
10 dB/
POS PK
OFFSET
2.0
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-A3LSCH2500 Ch.High Cond.Spurs.
MKR 19.86 GHz
REF 28.0 dBm
ATTEN 40 dB
-18.20 dBm
10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm
START 10.0 GHz
STOP 20.0 GHz
RES BW 1 MHz
VBW 1 MHz
SWP 250 msec