

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

TRI-MODE PHONE

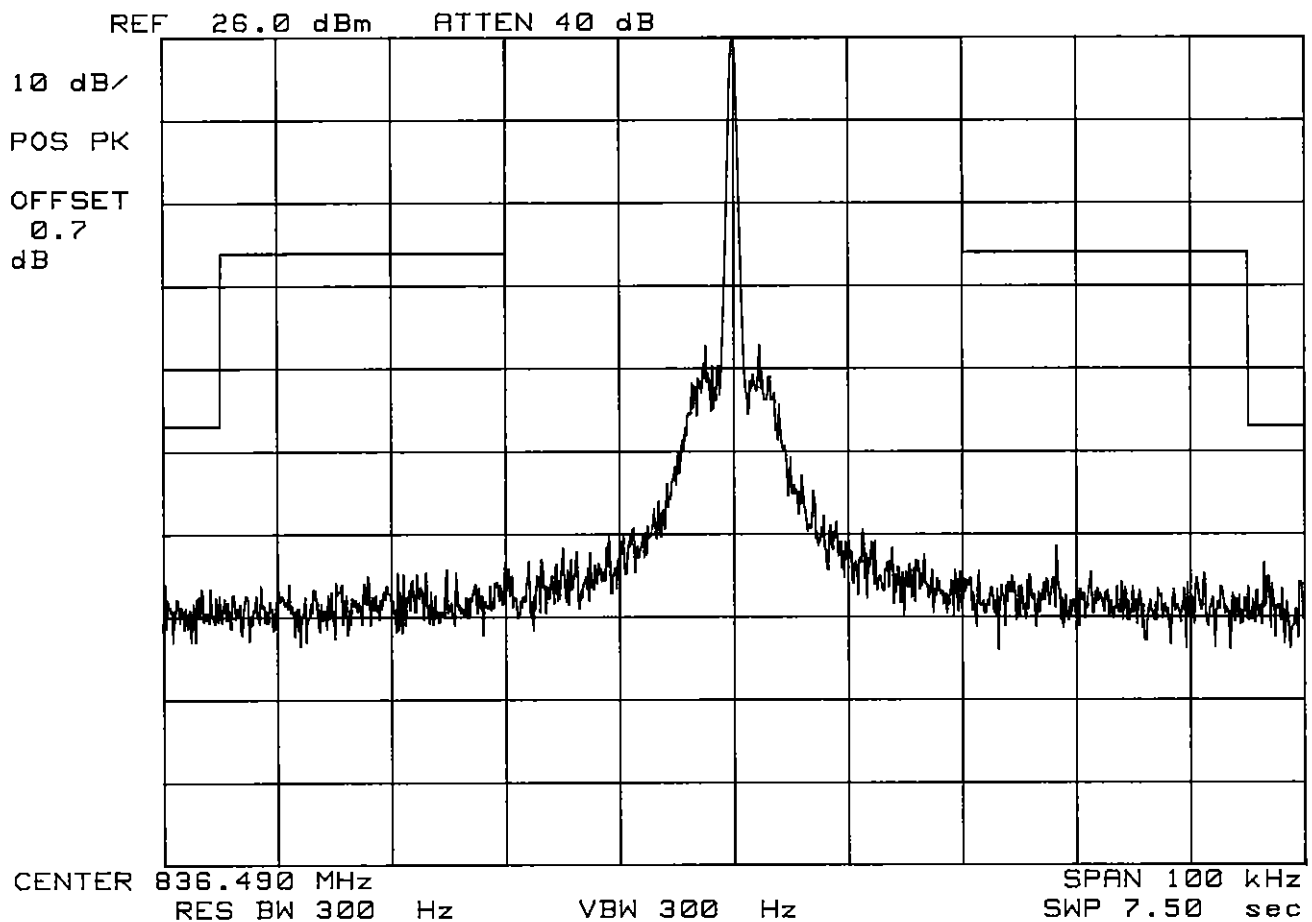
AMPS MODE

Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

TRI-MODE PHONE

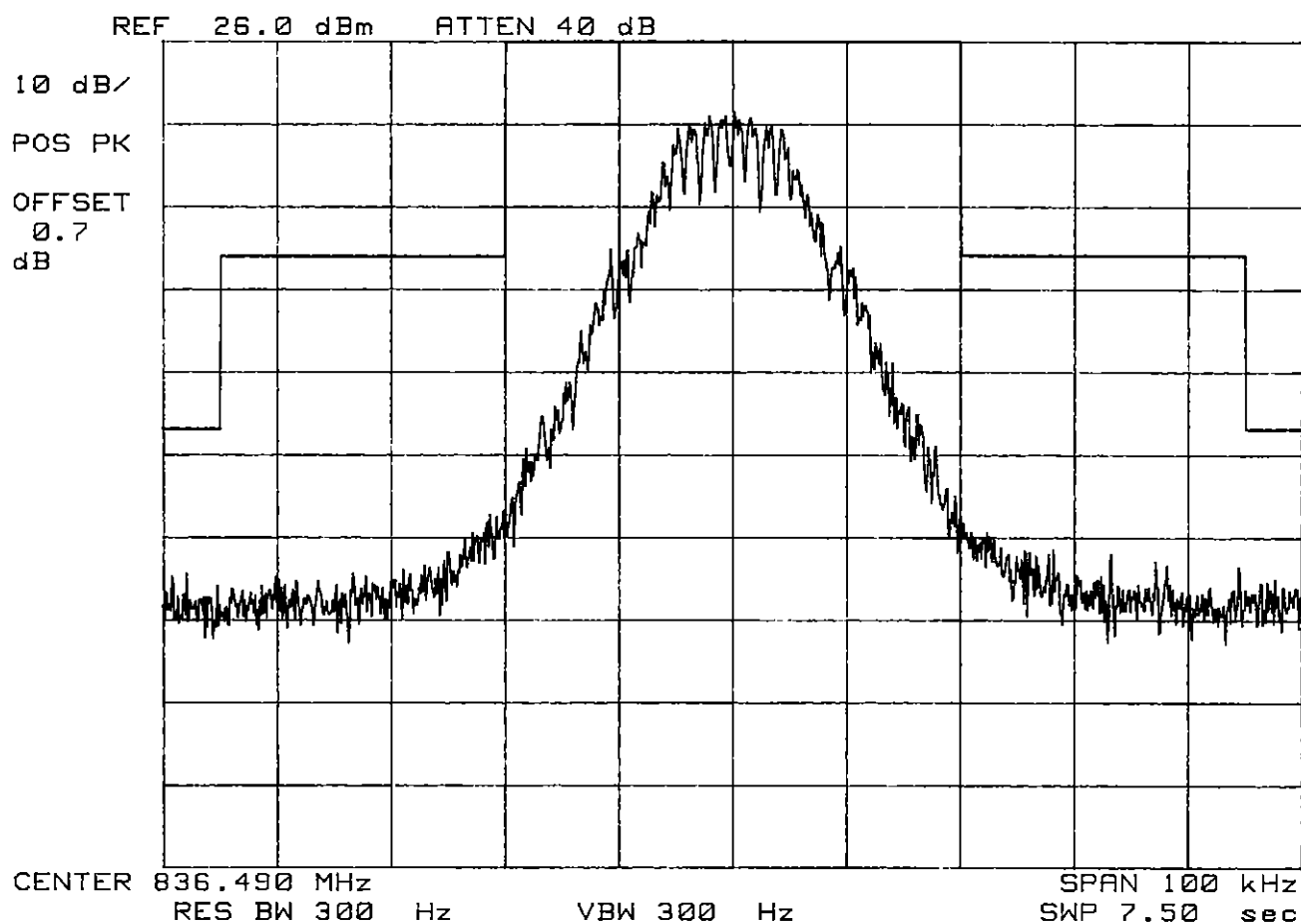
AMPS MODE

Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + DTMF



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

TRI-MODE PHONE

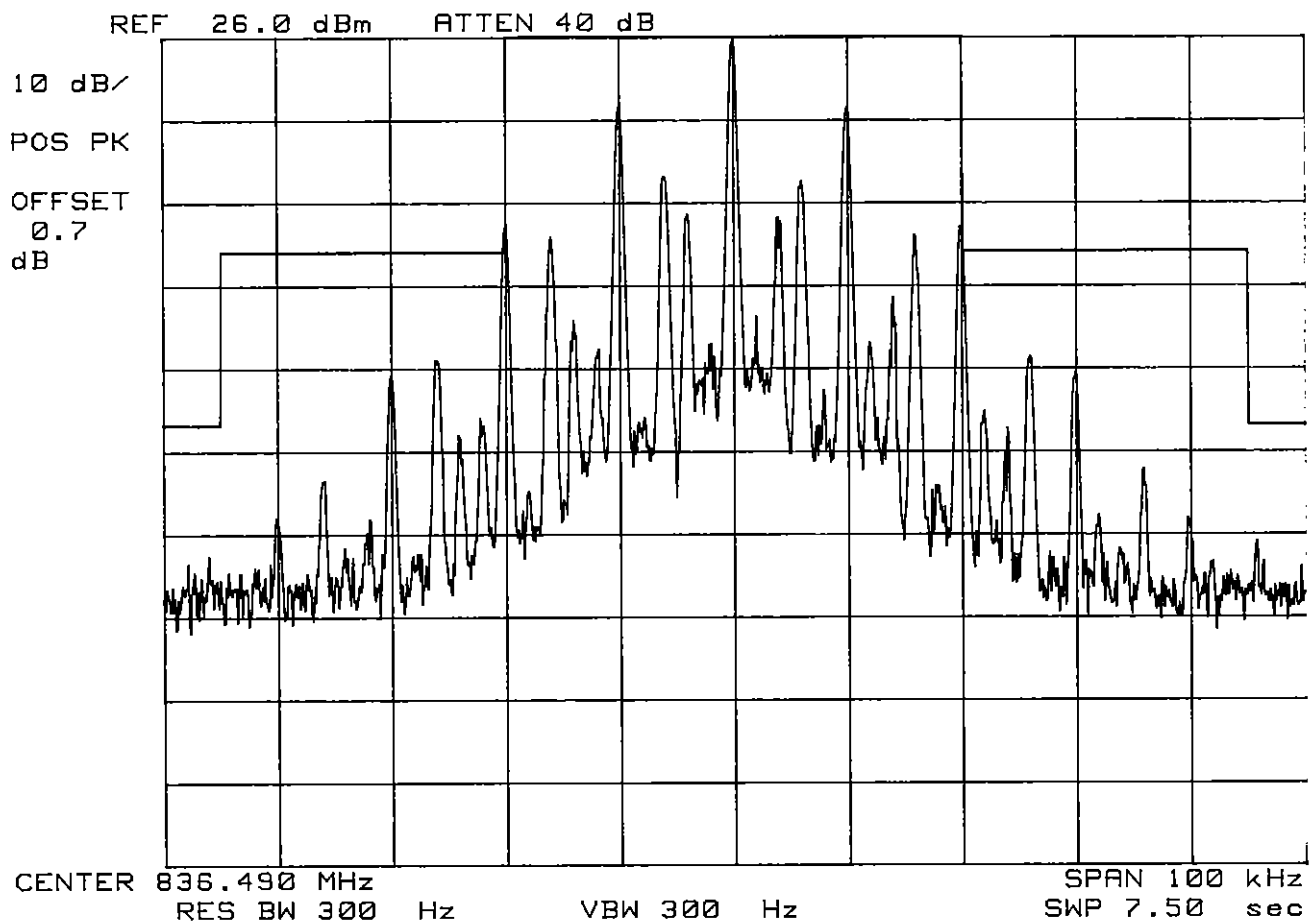
AMPS MODE

Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

TRI-MODE PHONE

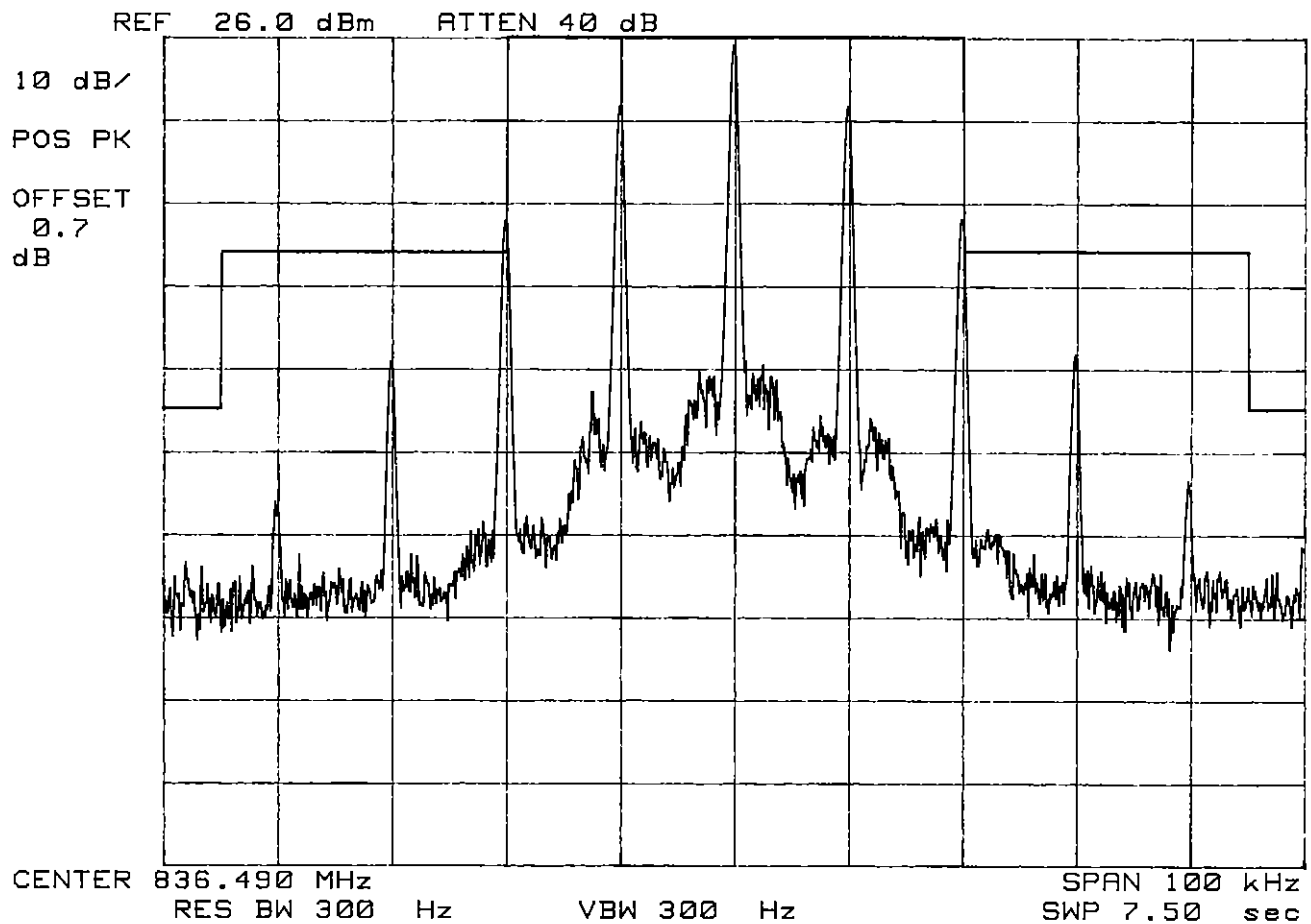
AMPS MODE

Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

TRI-MODE PHONE

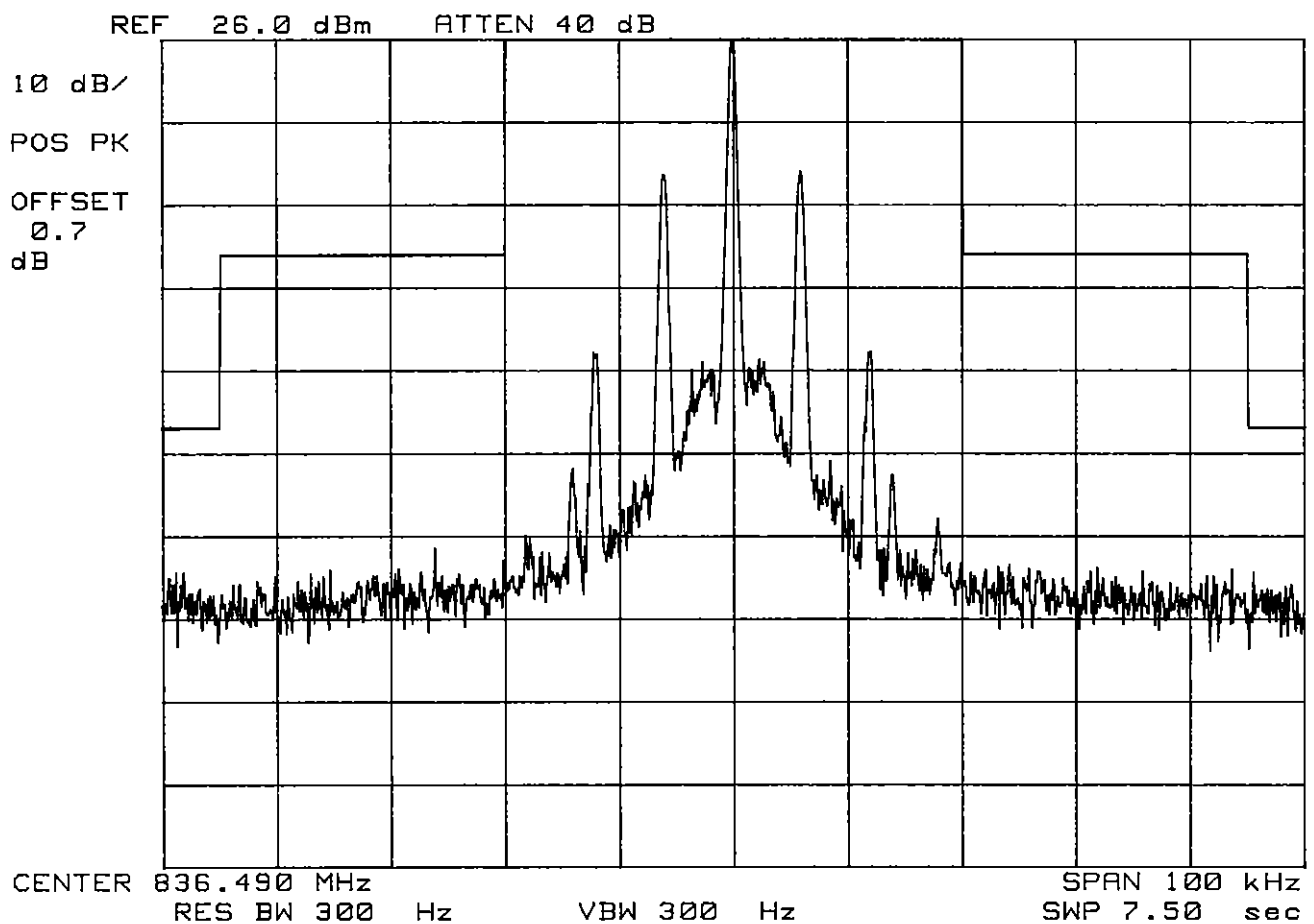
AMPS MODE

Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode: SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

TRI-MODE PHONE

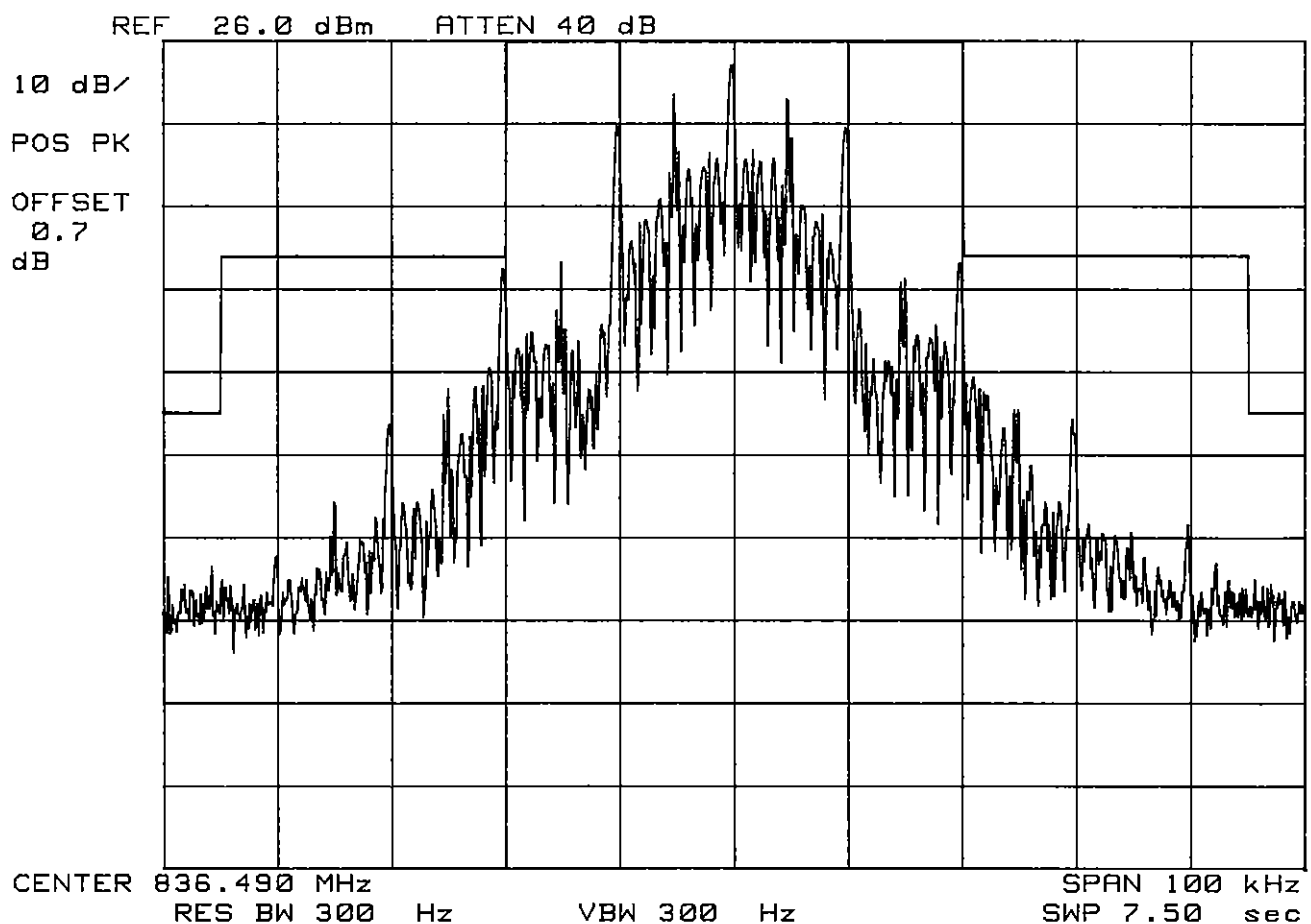
AMPS MODE

Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

TRI-MODE PHONE

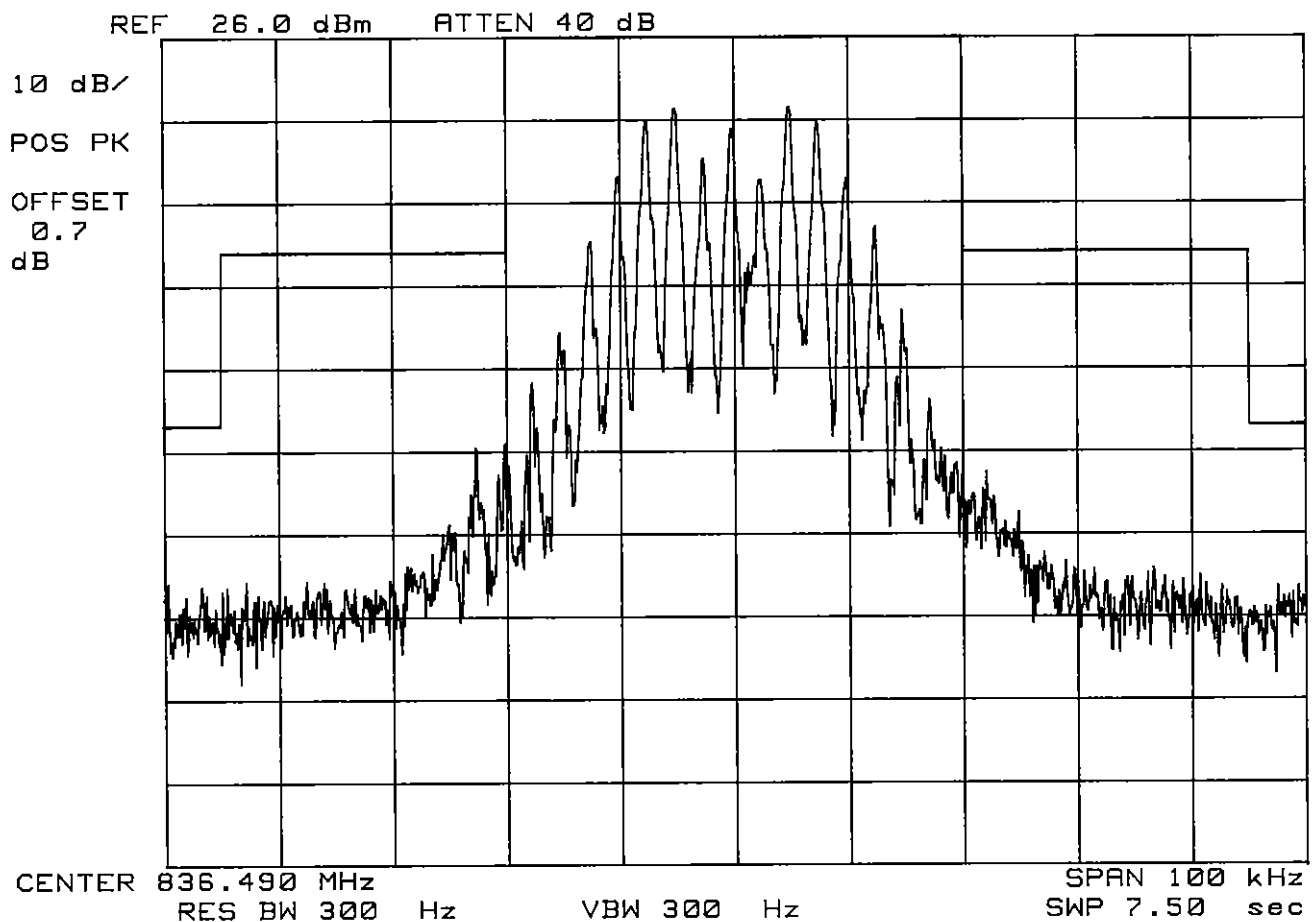
AMPS MODE

Channel 0383

Operating Frequency: 836.490 MHz

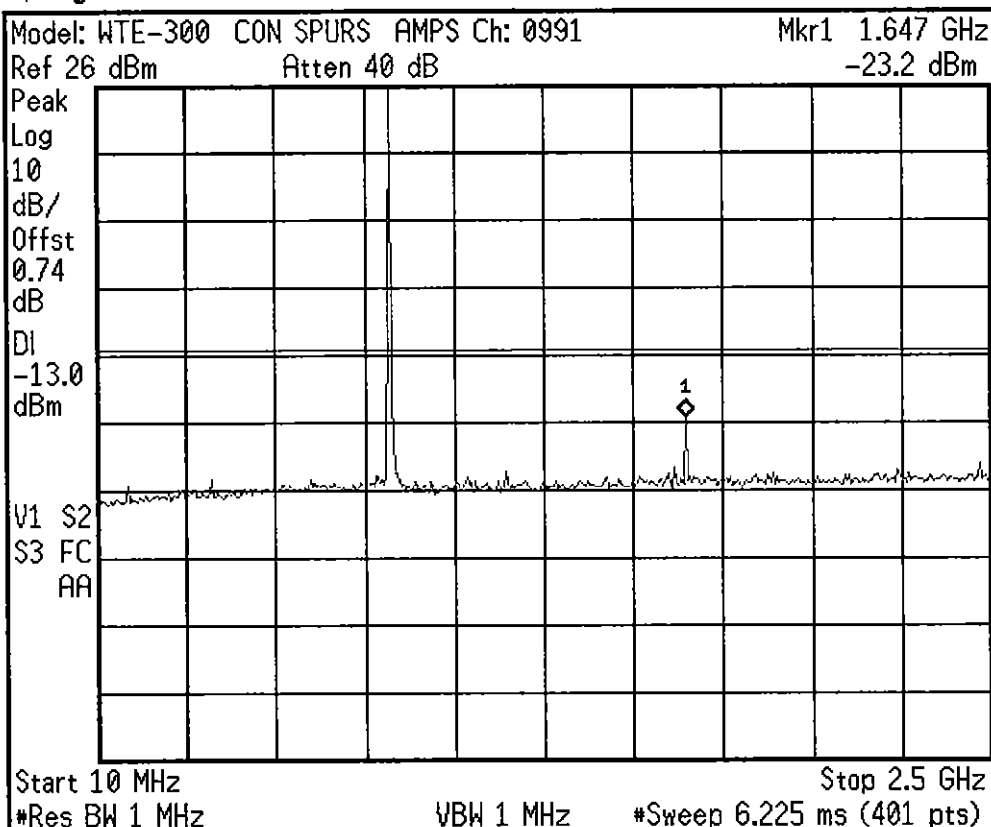
Output Power : 26.0 dBm

Test Mode:Voice



Agilent

L



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

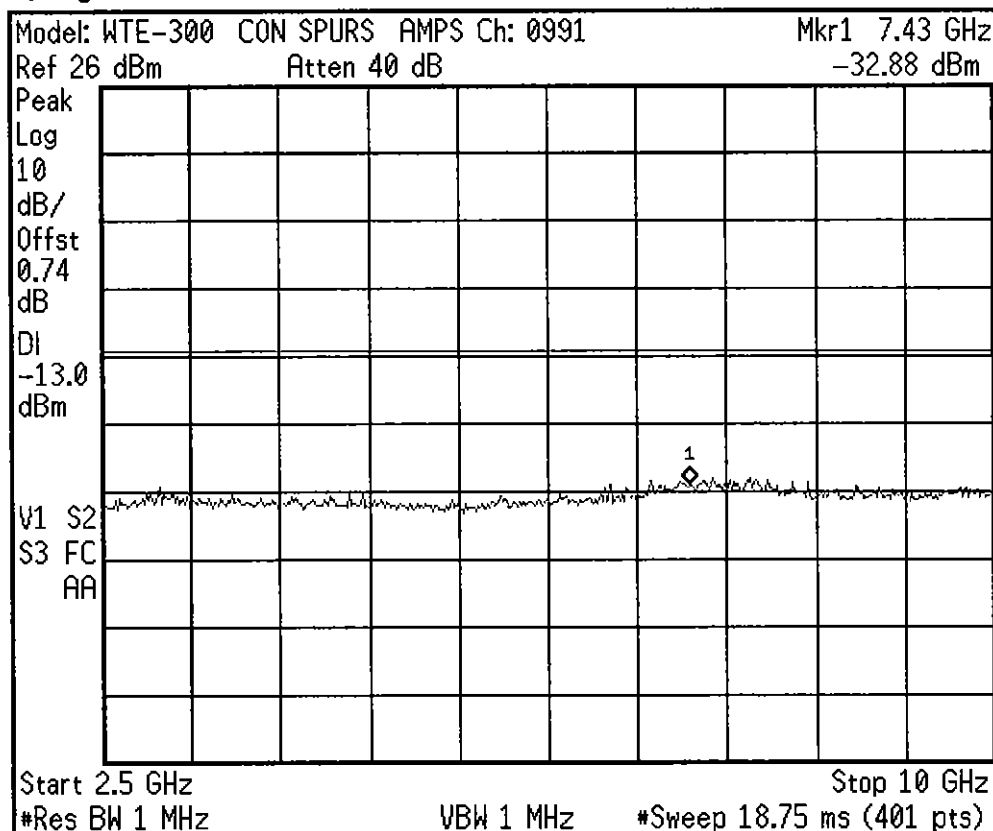
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

L



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

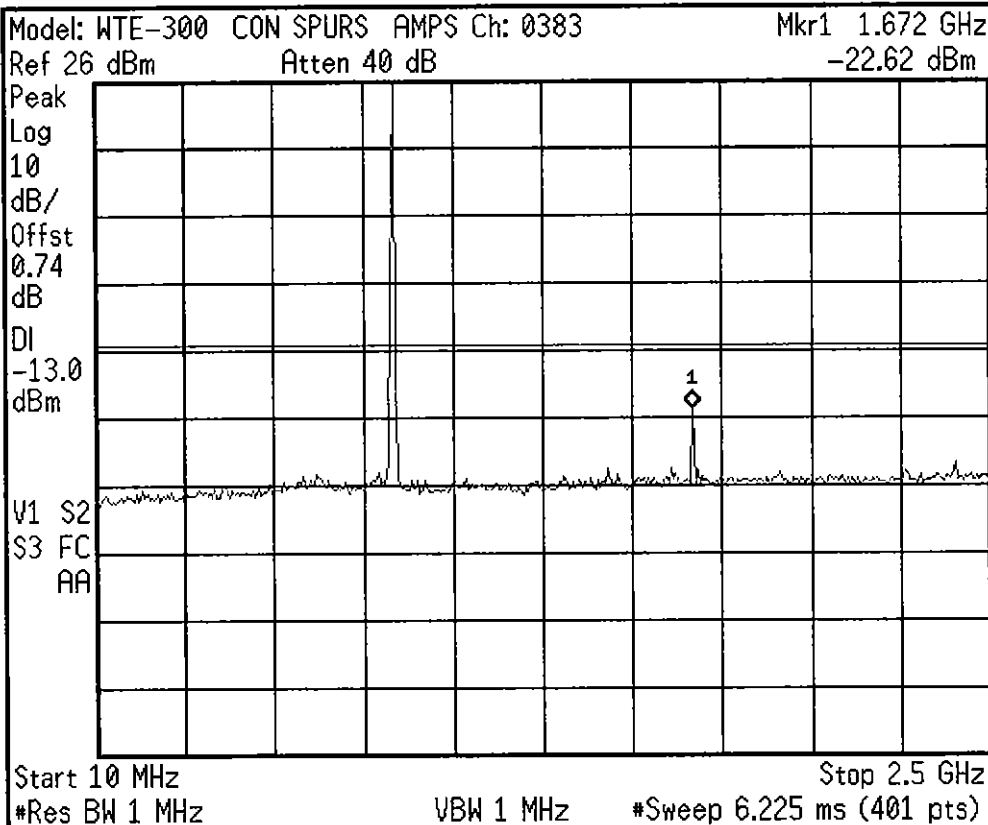
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

L



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

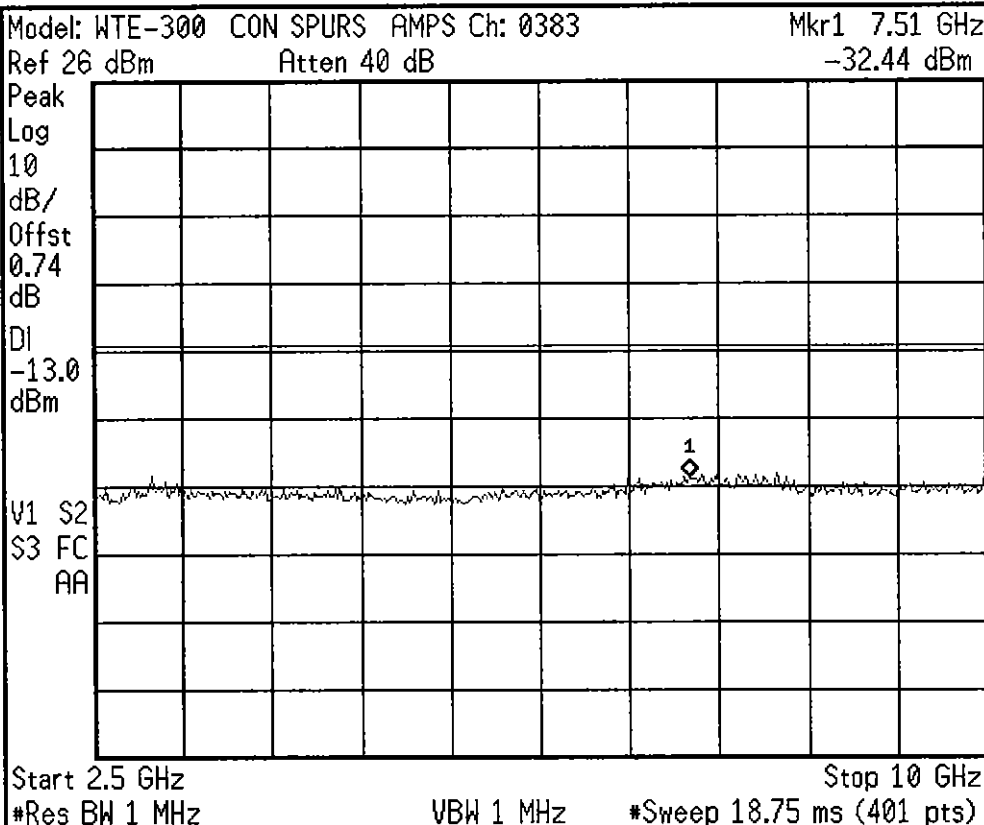
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

L



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

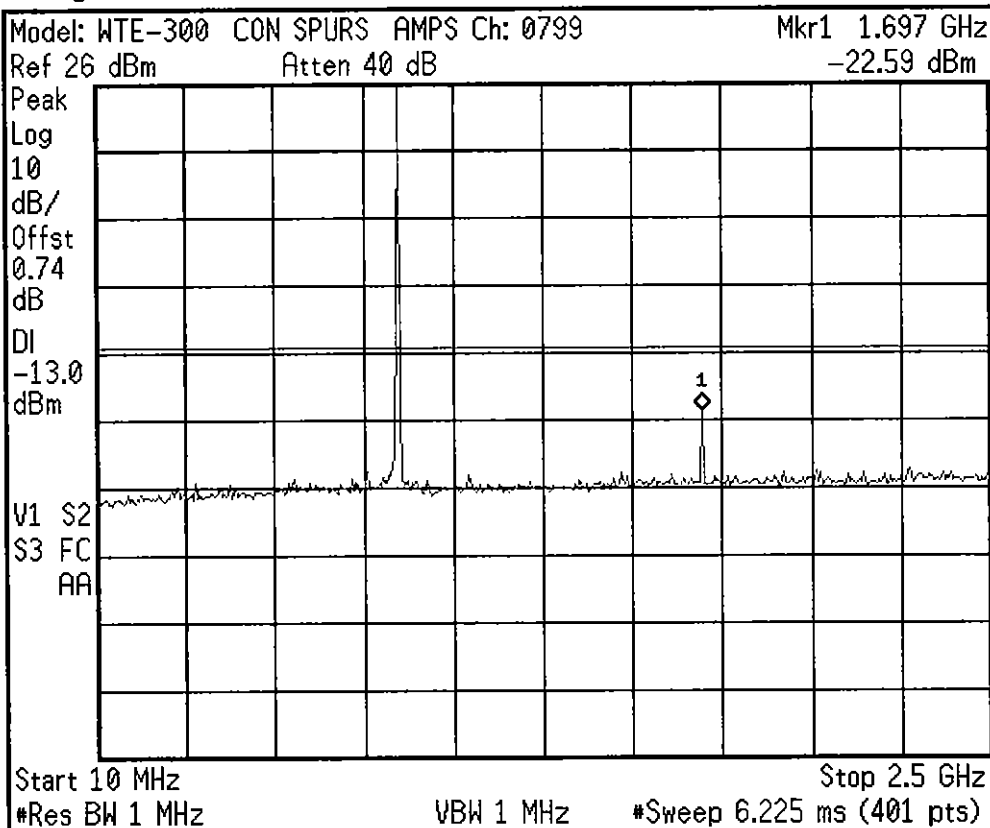
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

L



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

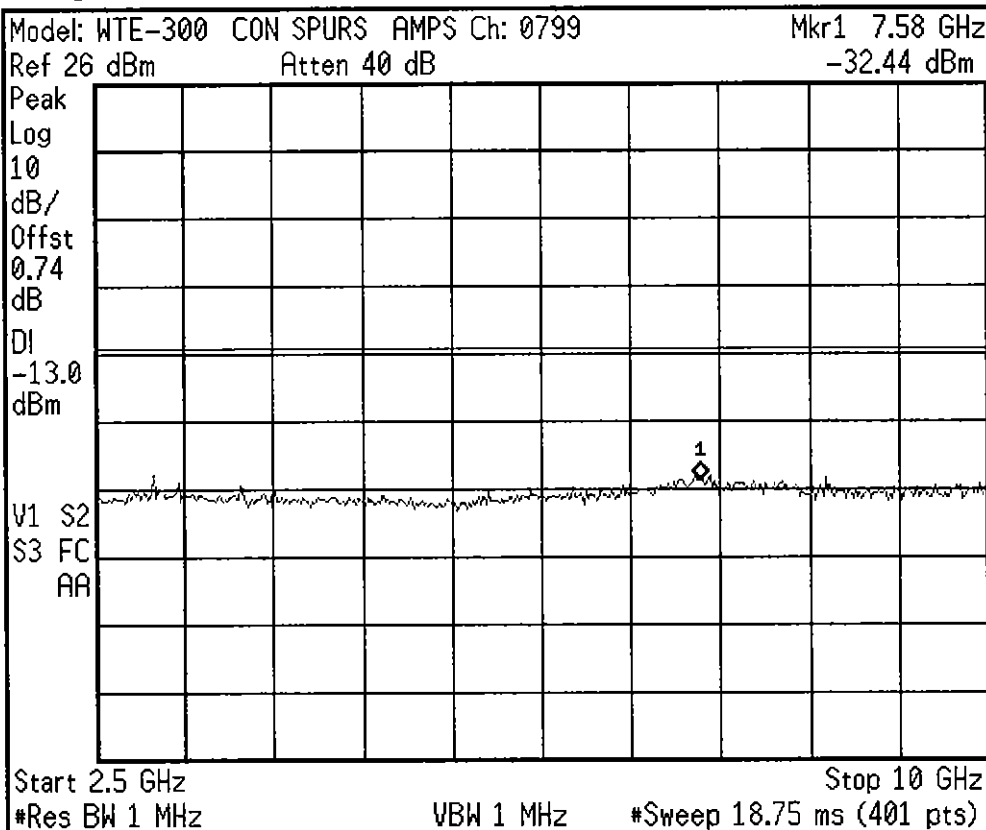
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

L



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

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SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

TRI-MODE PHONE

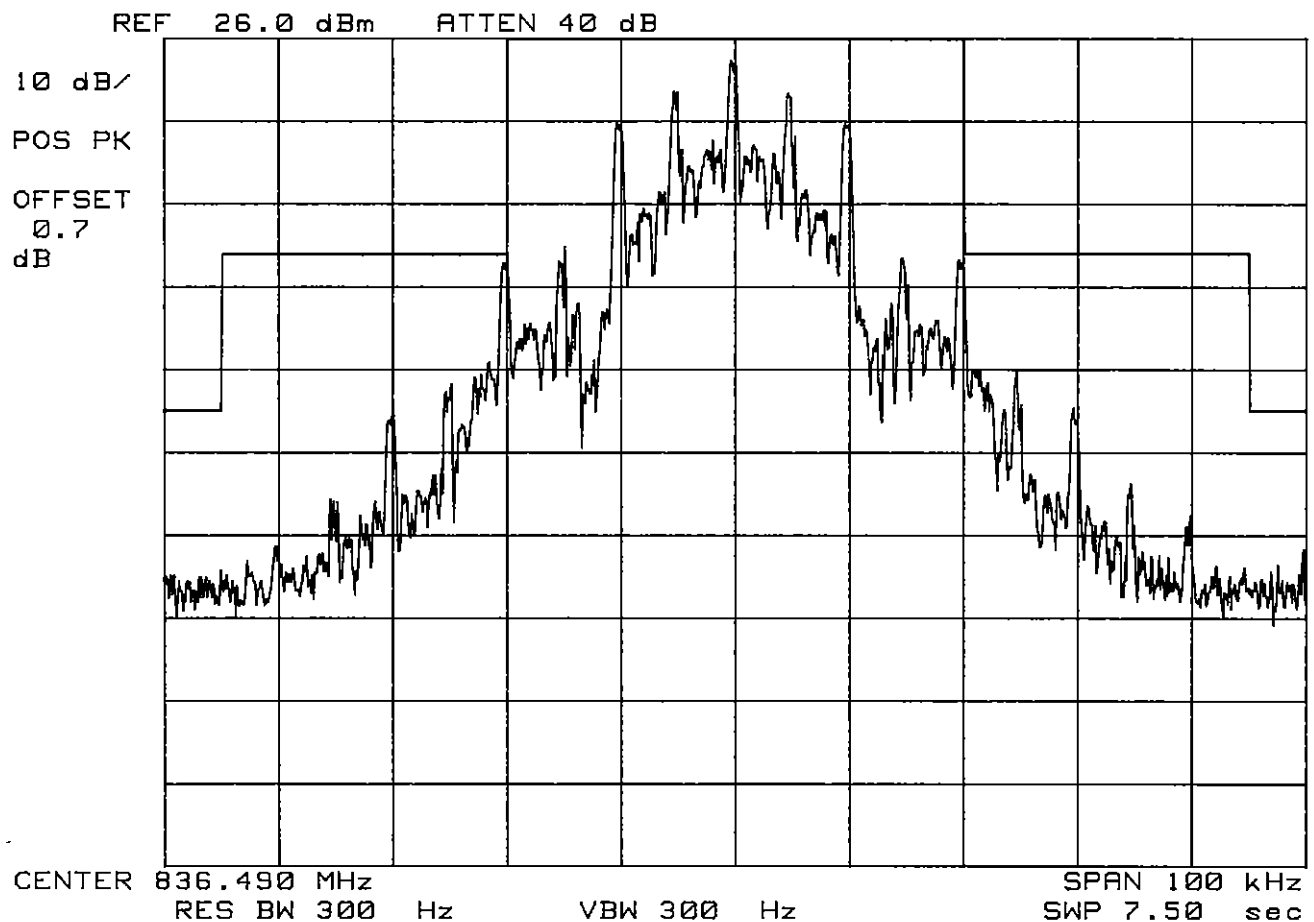
AMPS MODE

Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

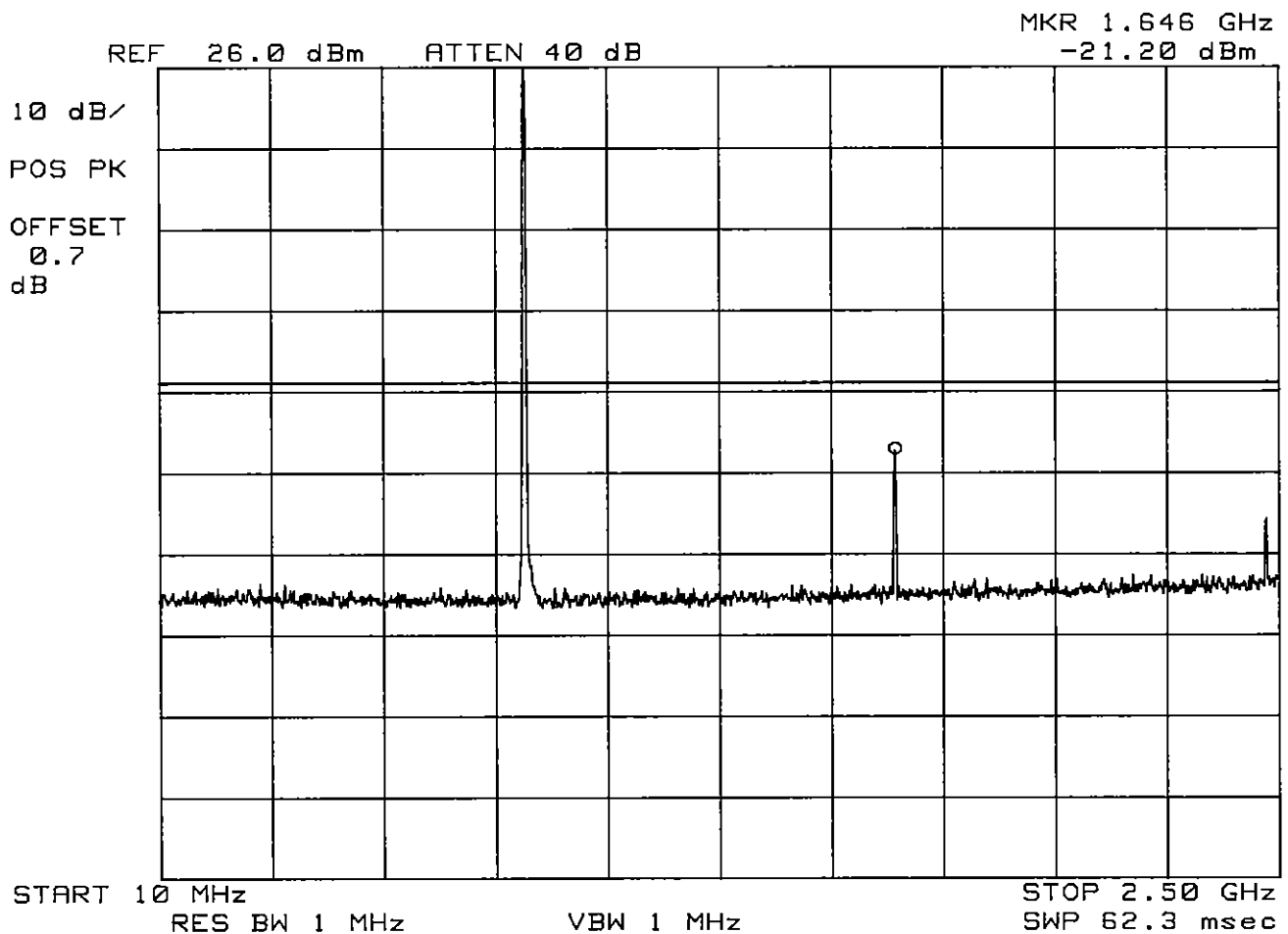
AMPS

COND SPURIOUS

CH-0991

Operating Frequency: 824.040 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

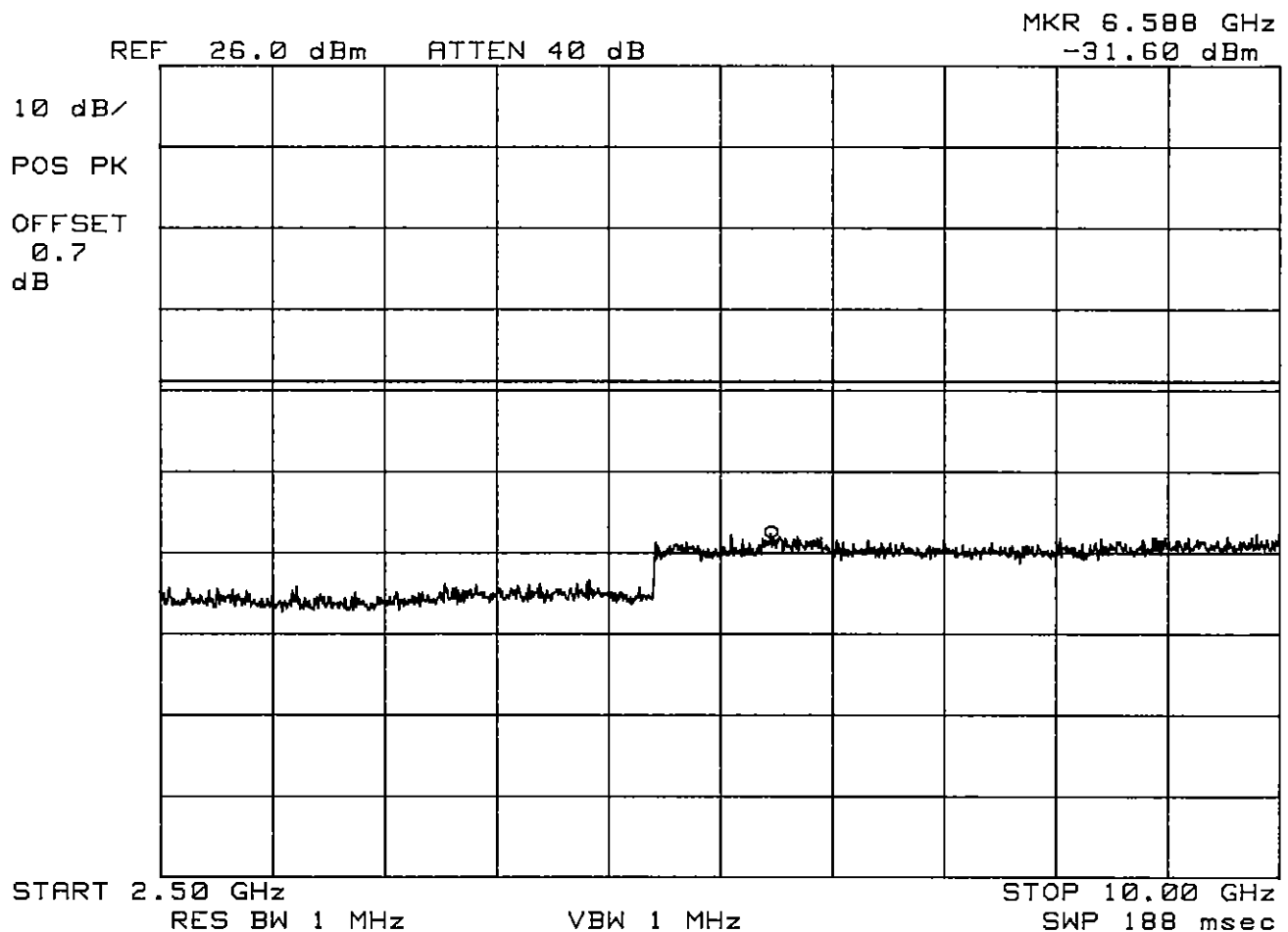
AMPS

COND SPURIOUS

CH-0991

Operating Frequency: 824.040 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

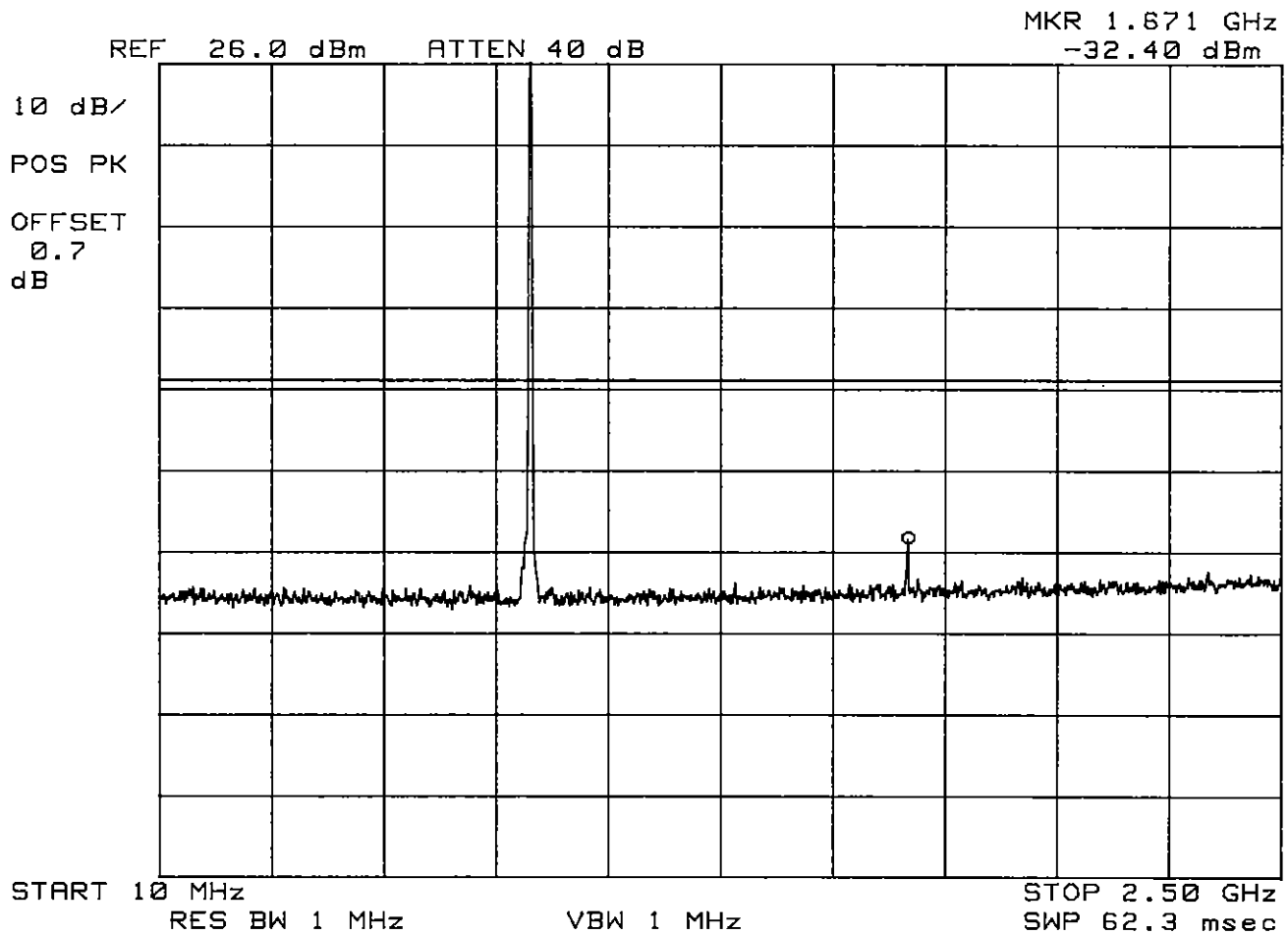
AMPS

COND SPURIOUS

CH-0383

Operating Frequency: 836.490 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

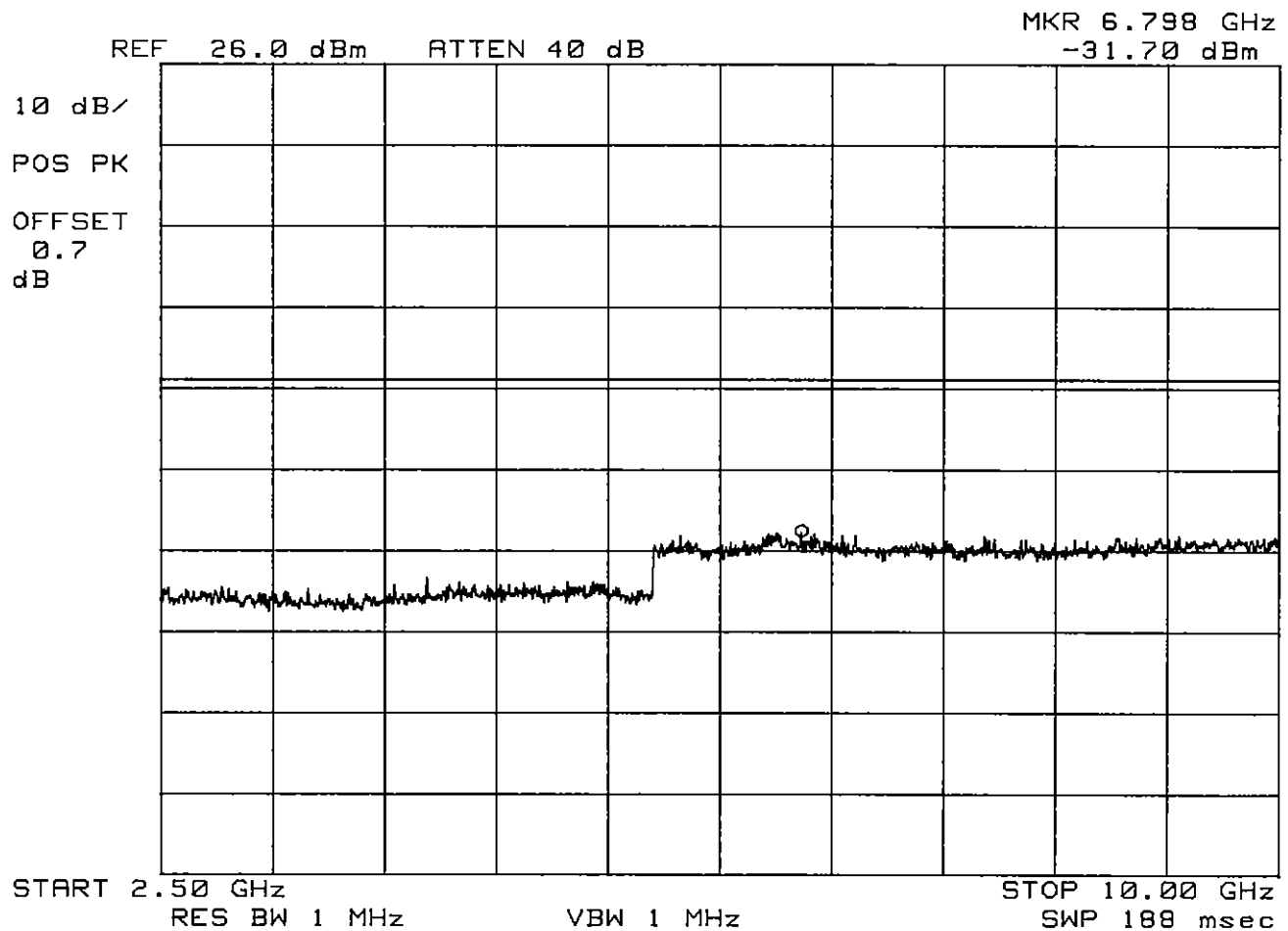
AMPS

COND SPURIOUS

CH-0383

Operating Frequency: 836.490 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

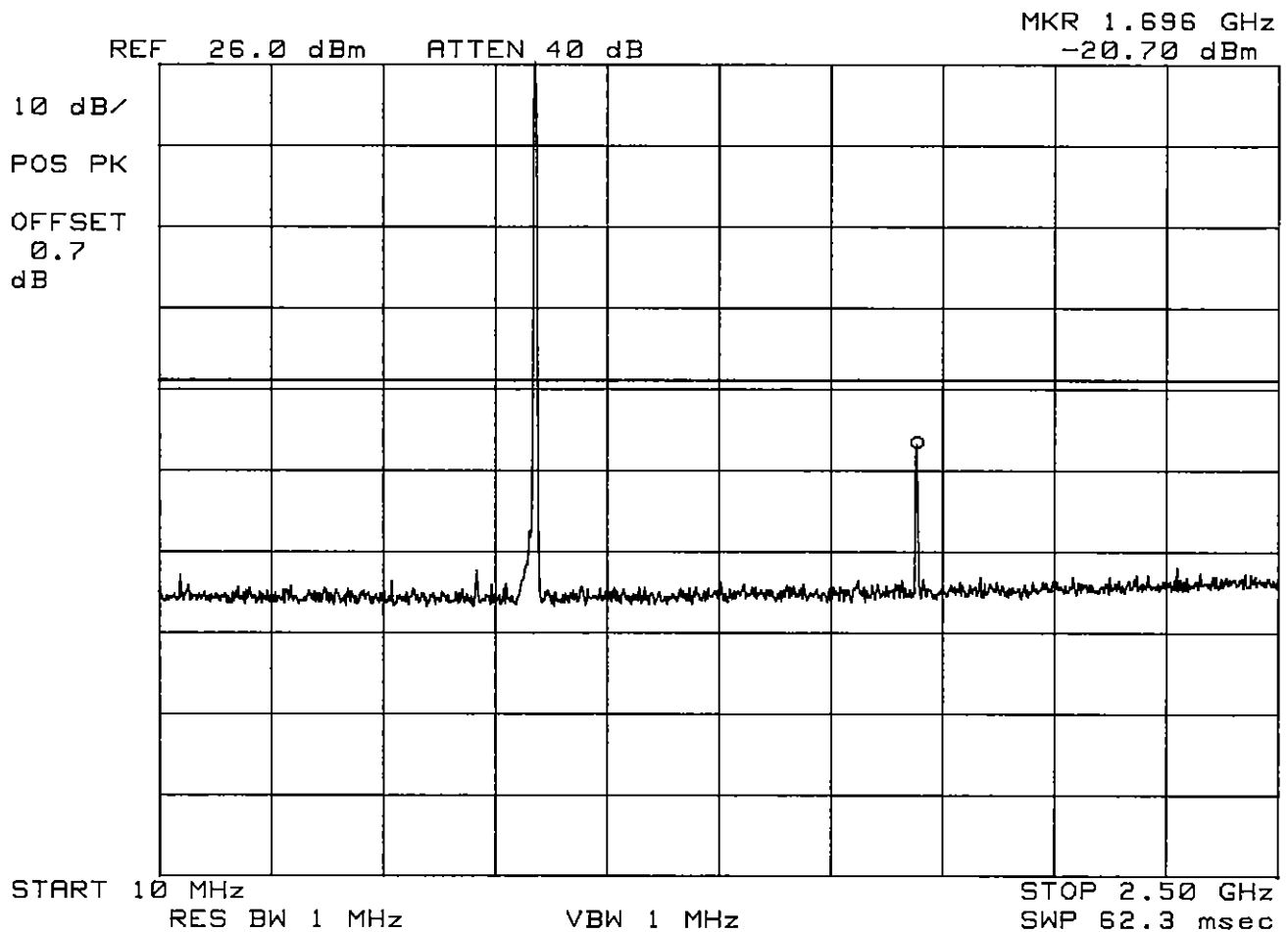
AMPS

COND SPURIOUS

CH-0799

Operating Frequency: 848.970 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

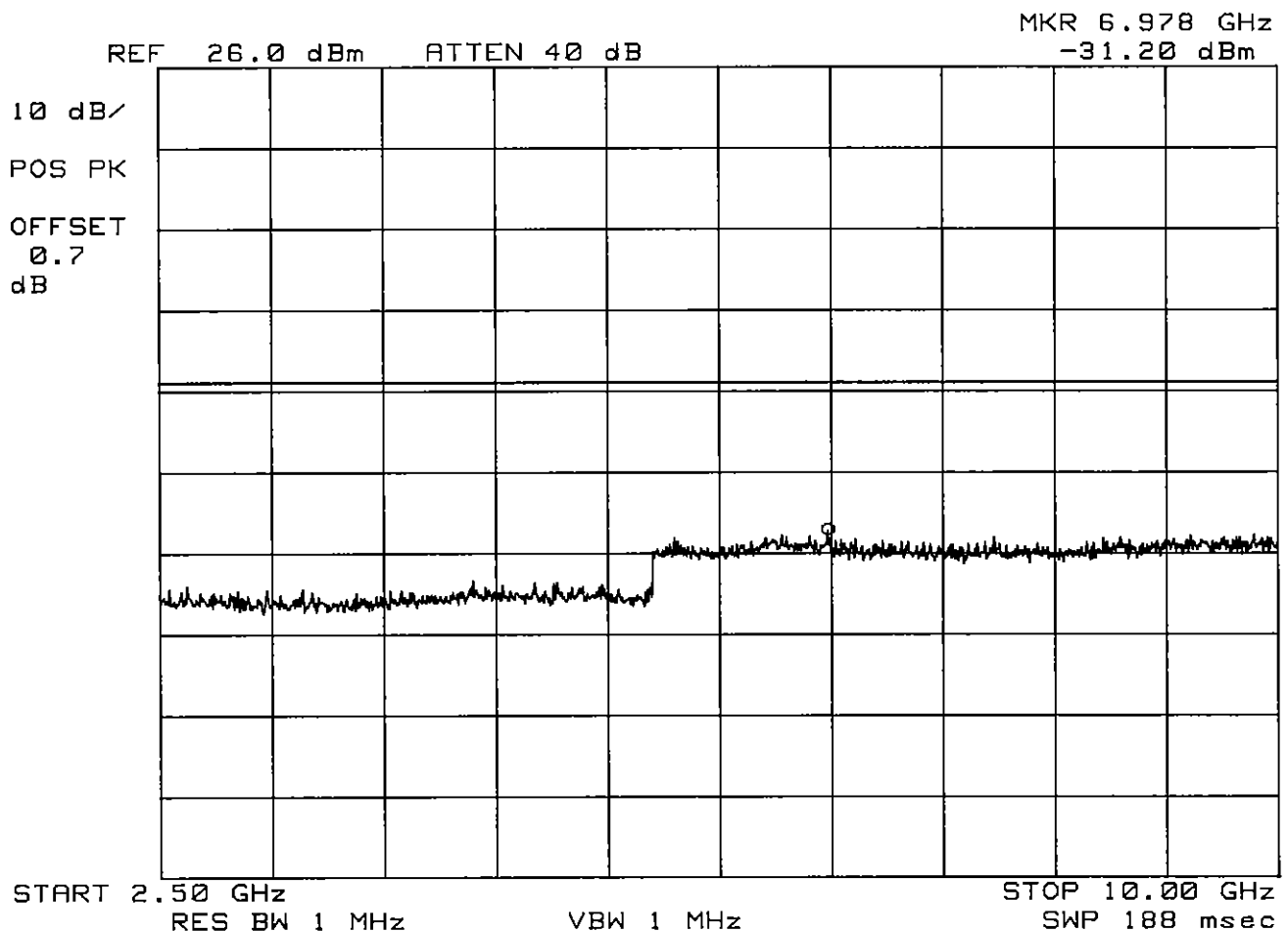
AMPS

COND SPURIOUS

CH-0799

Operating Frequency: 848.970 MHz

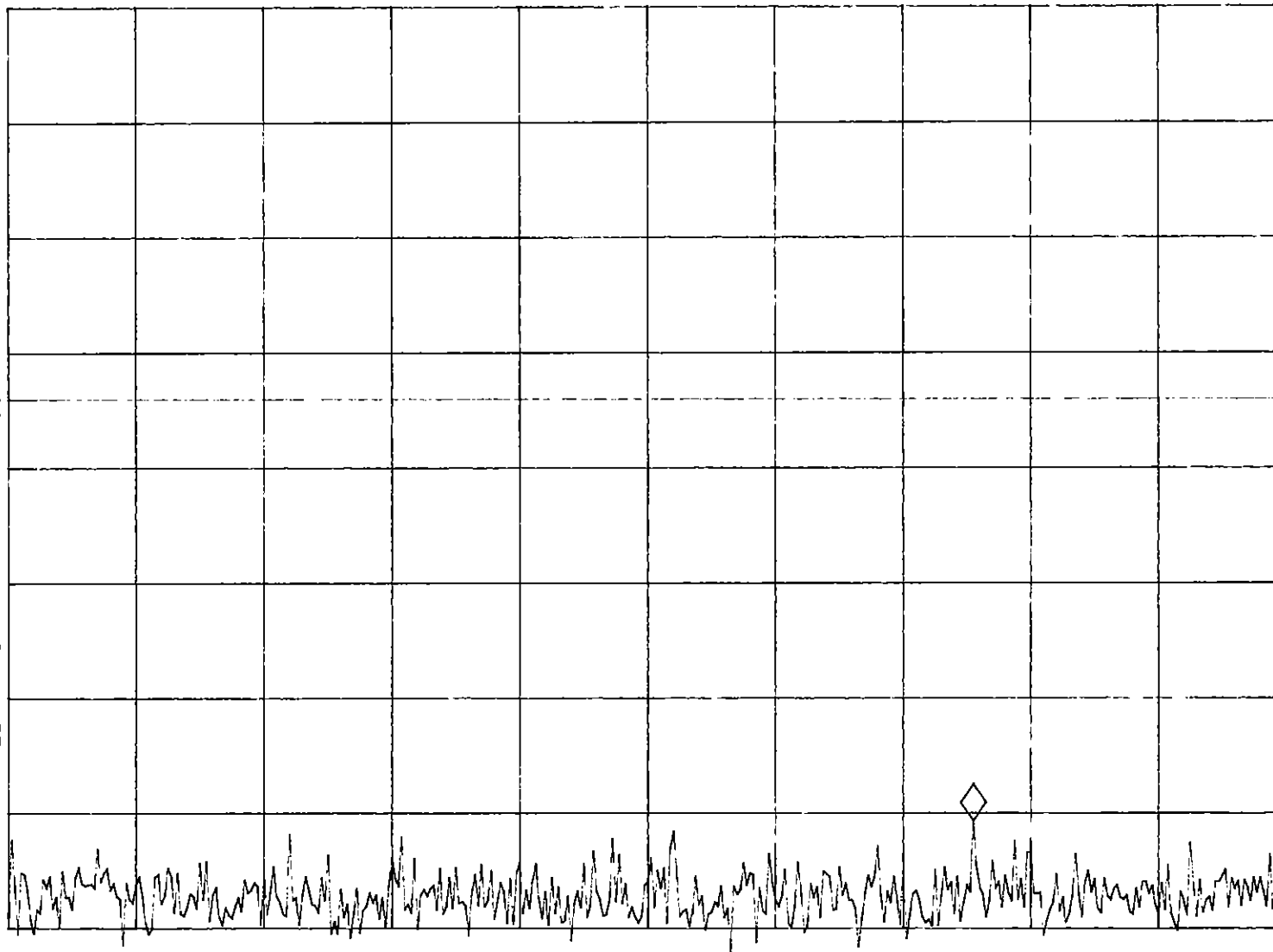
Test Mode:Conducted Spurious Emmission



 FCC ID: POQWTE-300 AMPS MKR 887.87 MHz
REF -63.0 dBm ATTEN 10 dB PG 26.0 dB -98.33 dBm

PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm

VA SB
SC FC
CORR



START 869.00 MHz STOP 884.00 MHz
#RES BW 100 kHz #VBW 300 kHz SWP 20 msec

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

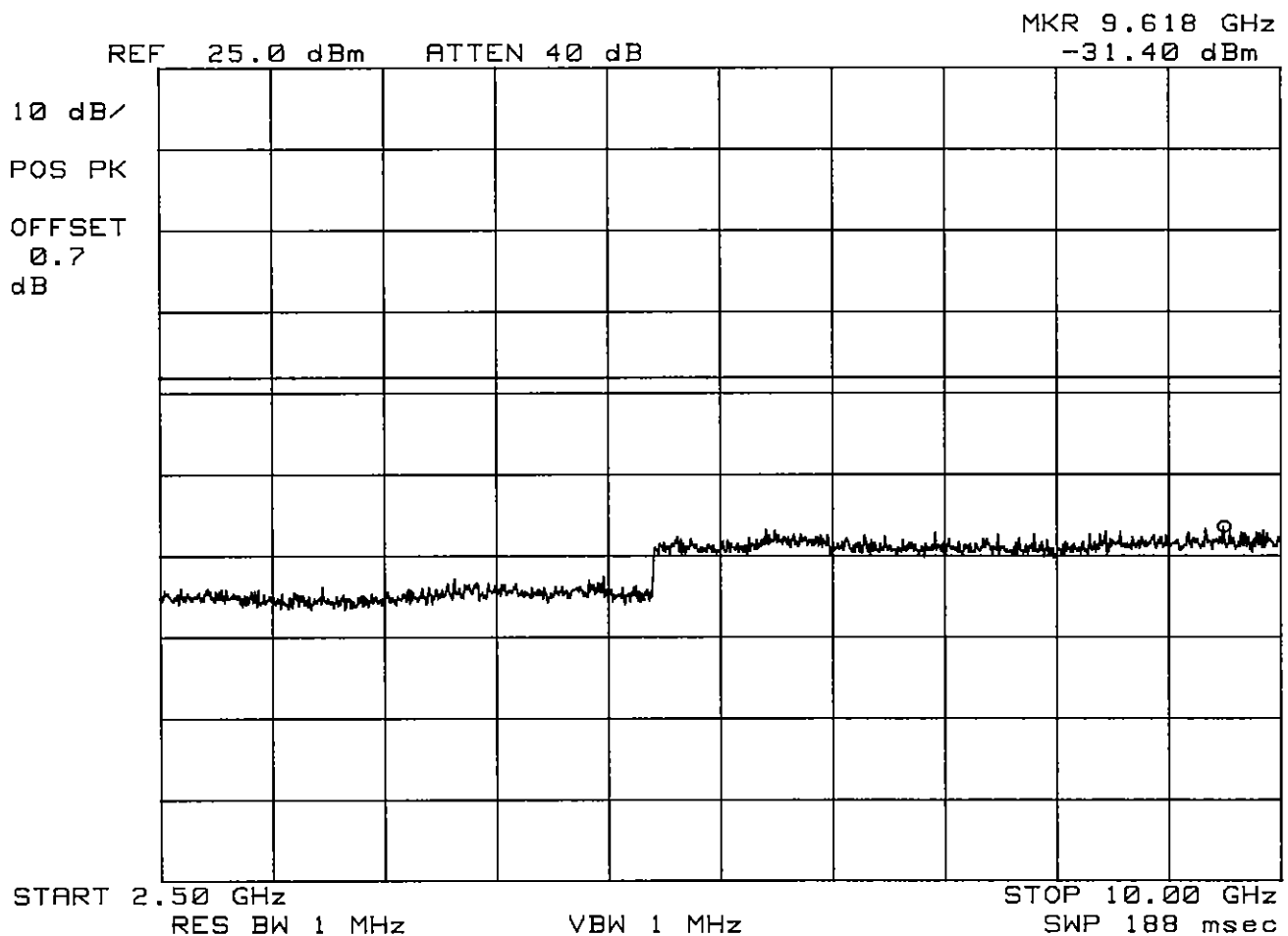
CDMA

COND SPURIOUS

CH-1013

Operating Frequency: 824.700 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

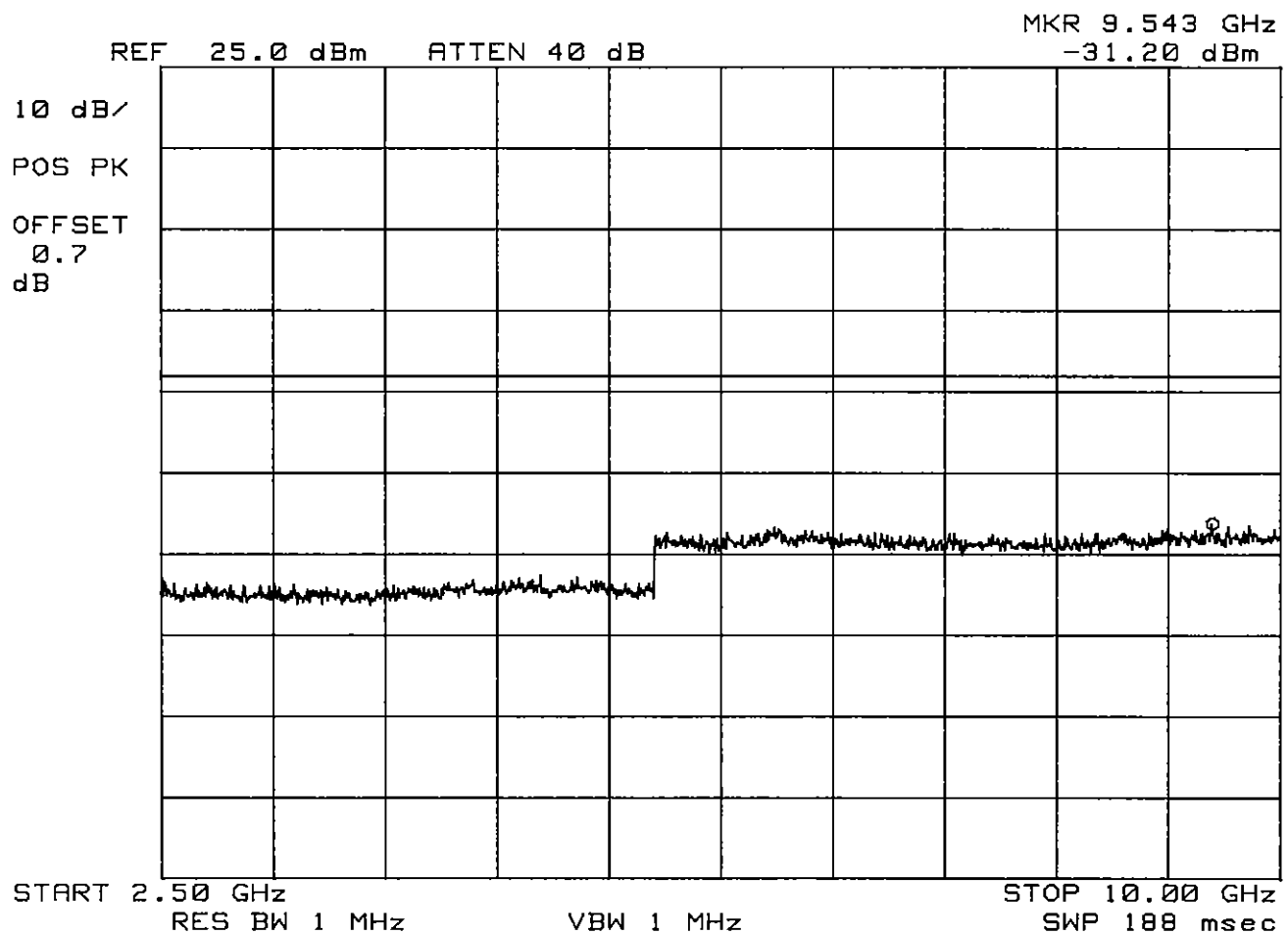
CDMA

COND SPURIOUS

CH-0363

Operating Frequency: 835.890 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

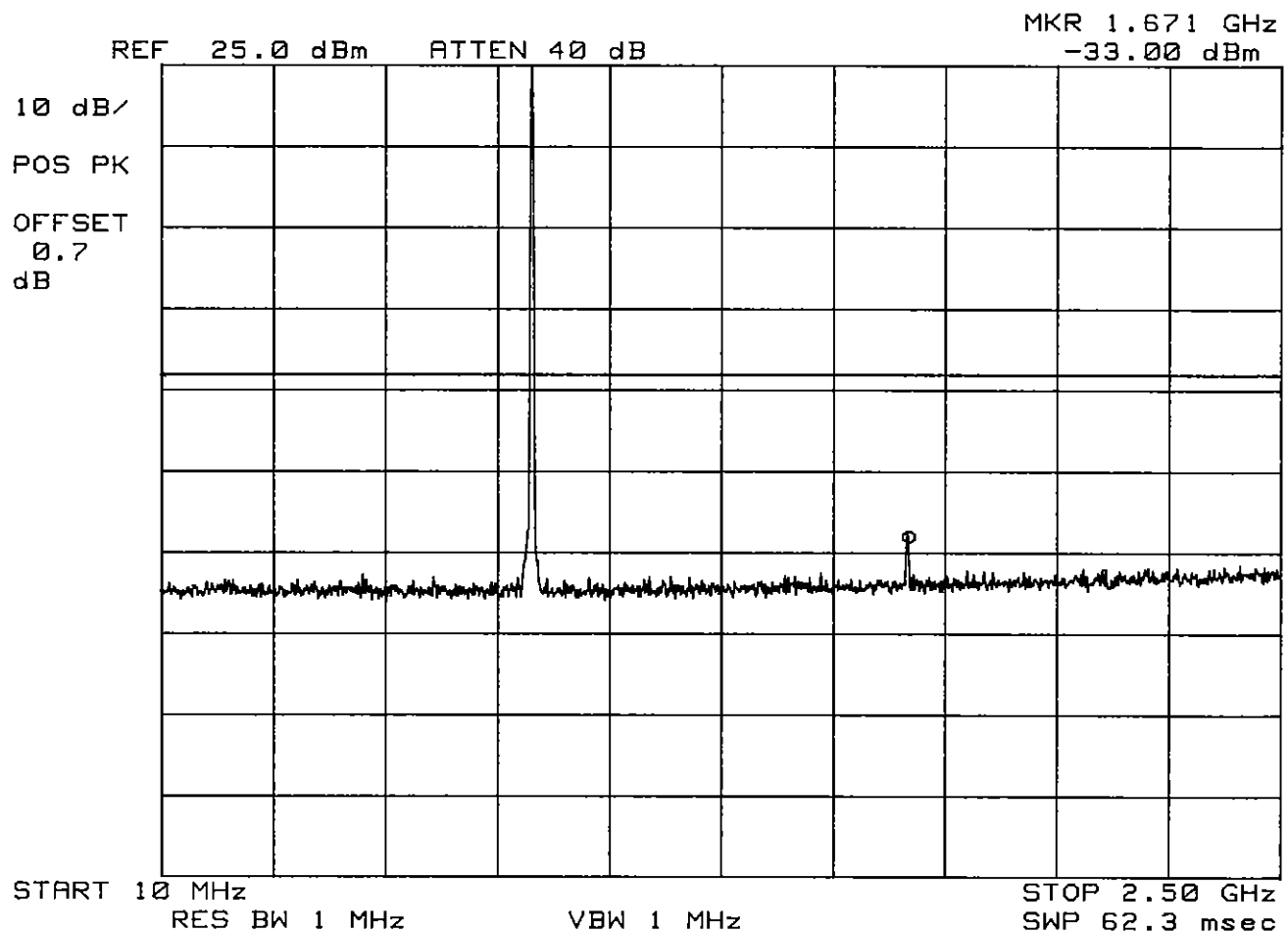
CDMA

COND SPURIOUS

CH-0363

Operating Frequency: 835.890 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

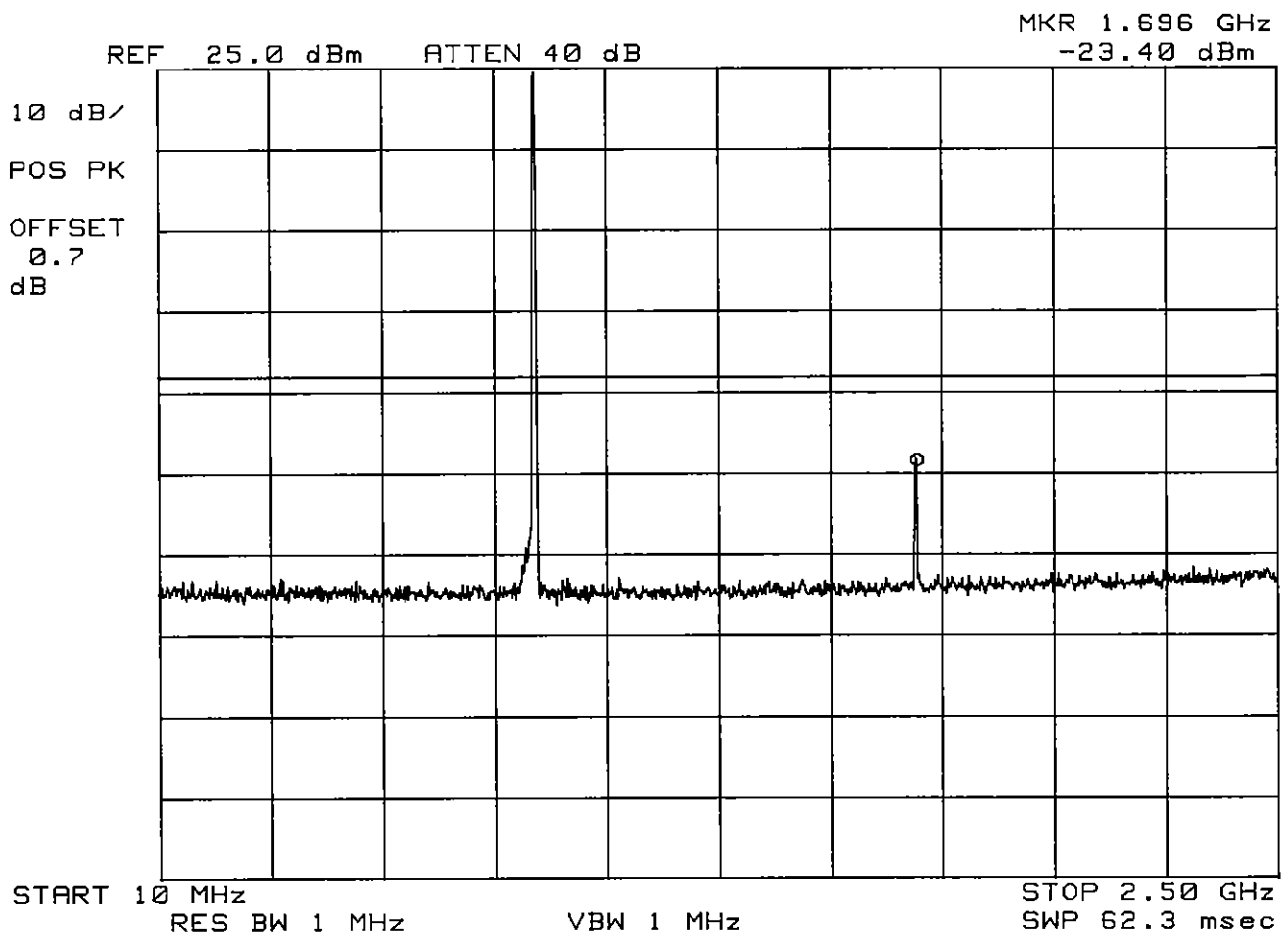
CDMA

COND SPURIOUS

CH-0777

Operating Frequency: 848.310 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

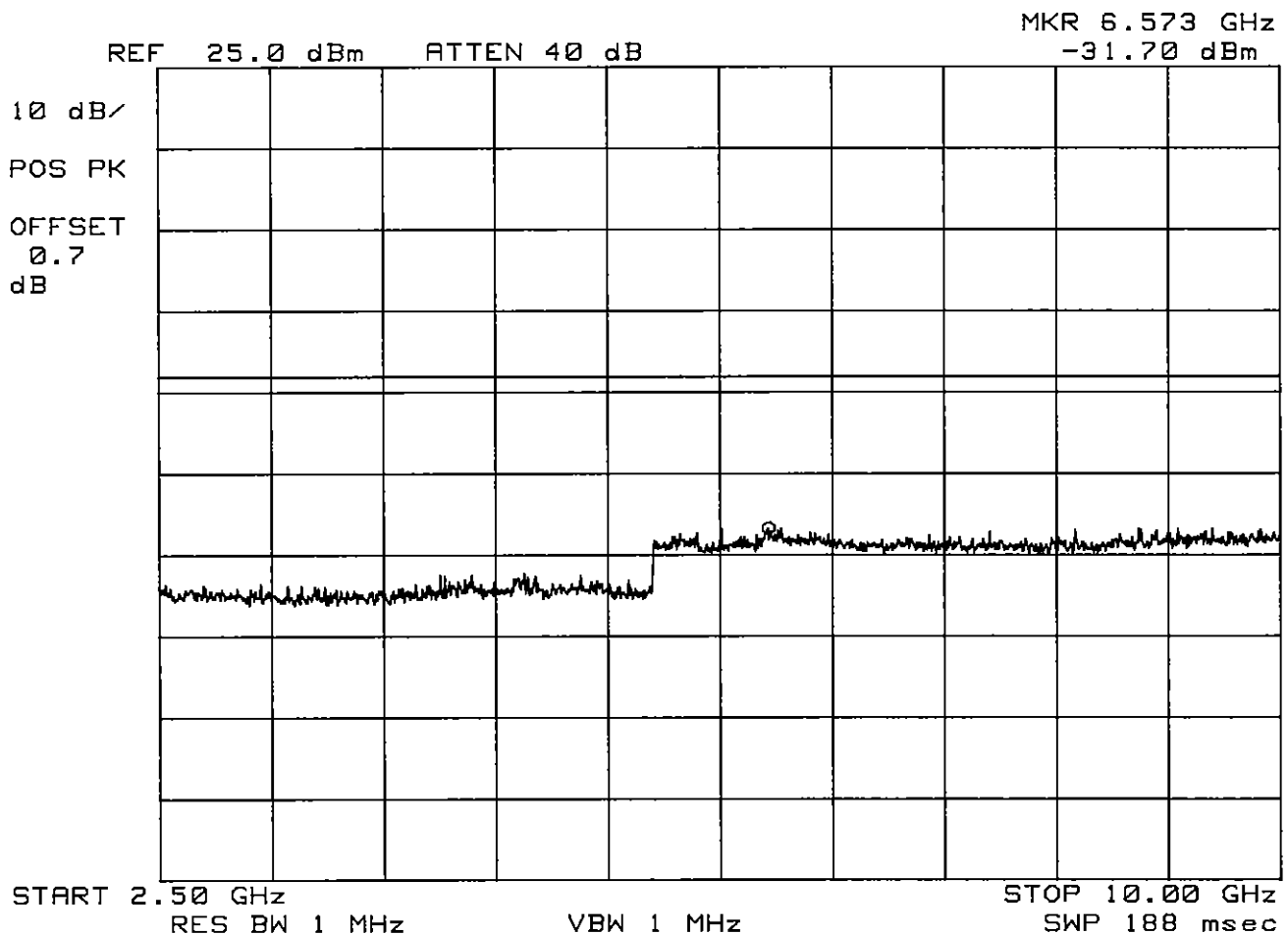
CDMA

COND SPURIOUS

CH-0777

Operating Frequency: 848.310 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

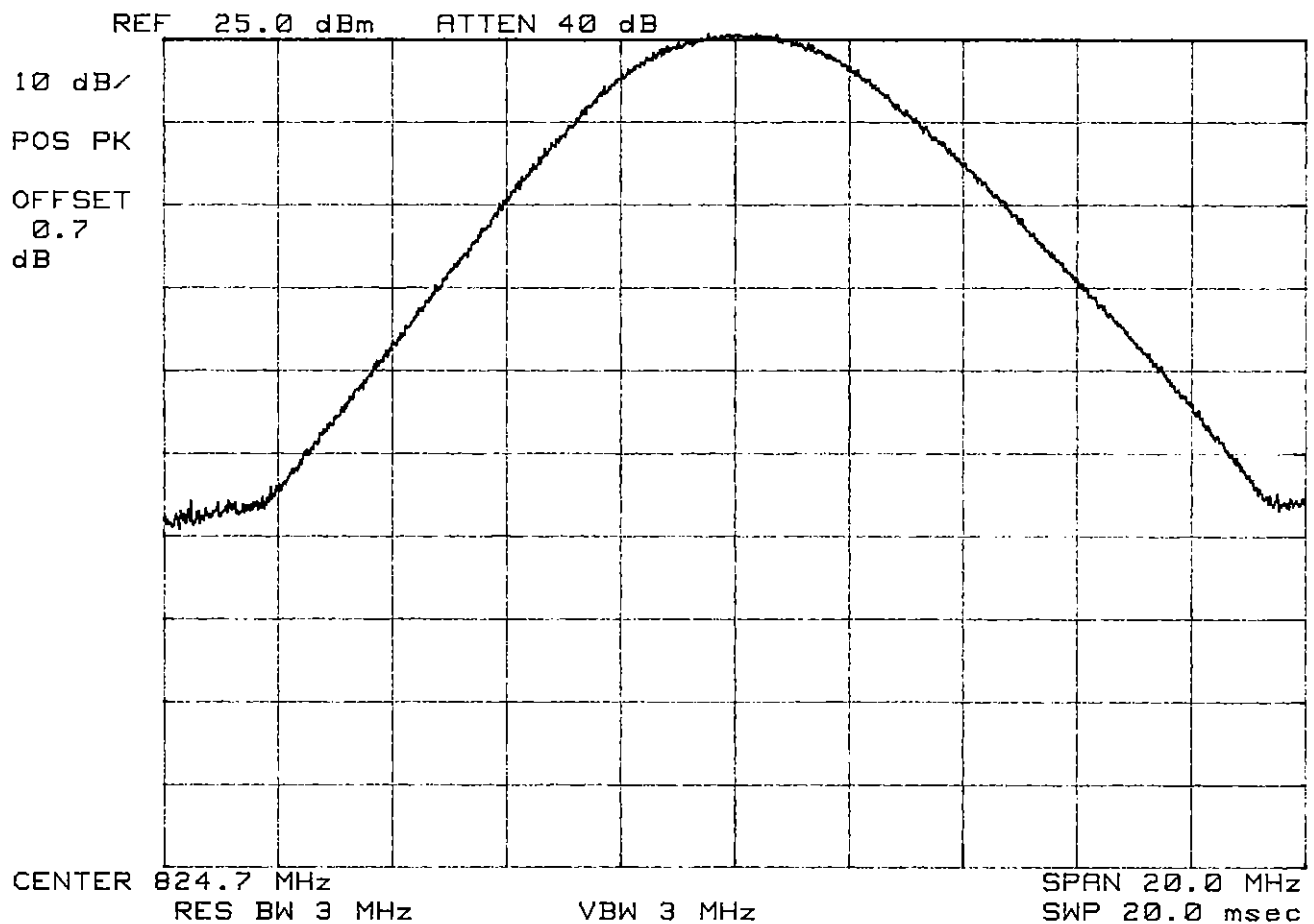
CDMA

OUTPUT PWR

CH-1013

Operating Frequency: 824.700 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

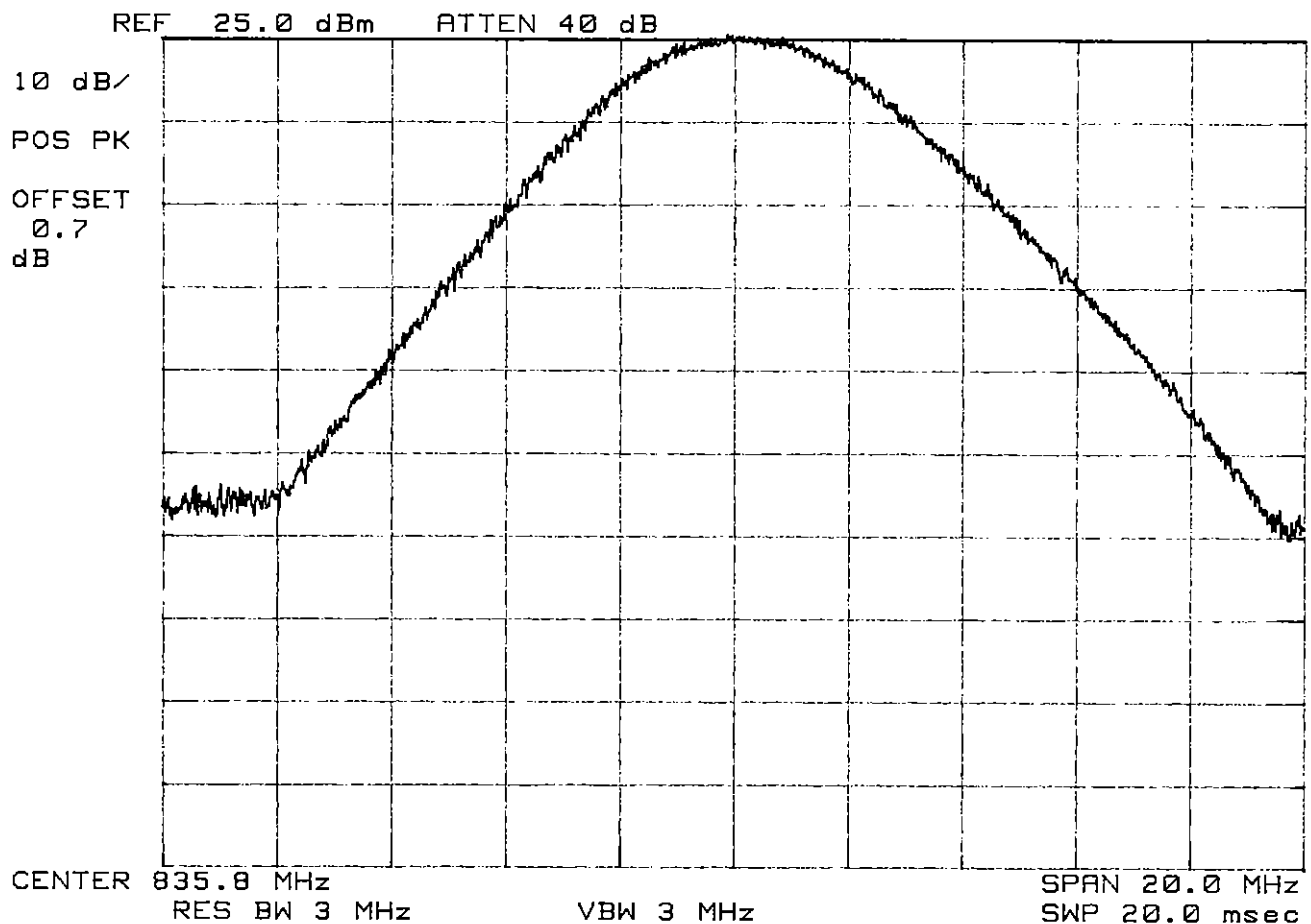
CDMA

OUTPUT PWR

CH-0363

Operating Frequency: 835.890 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

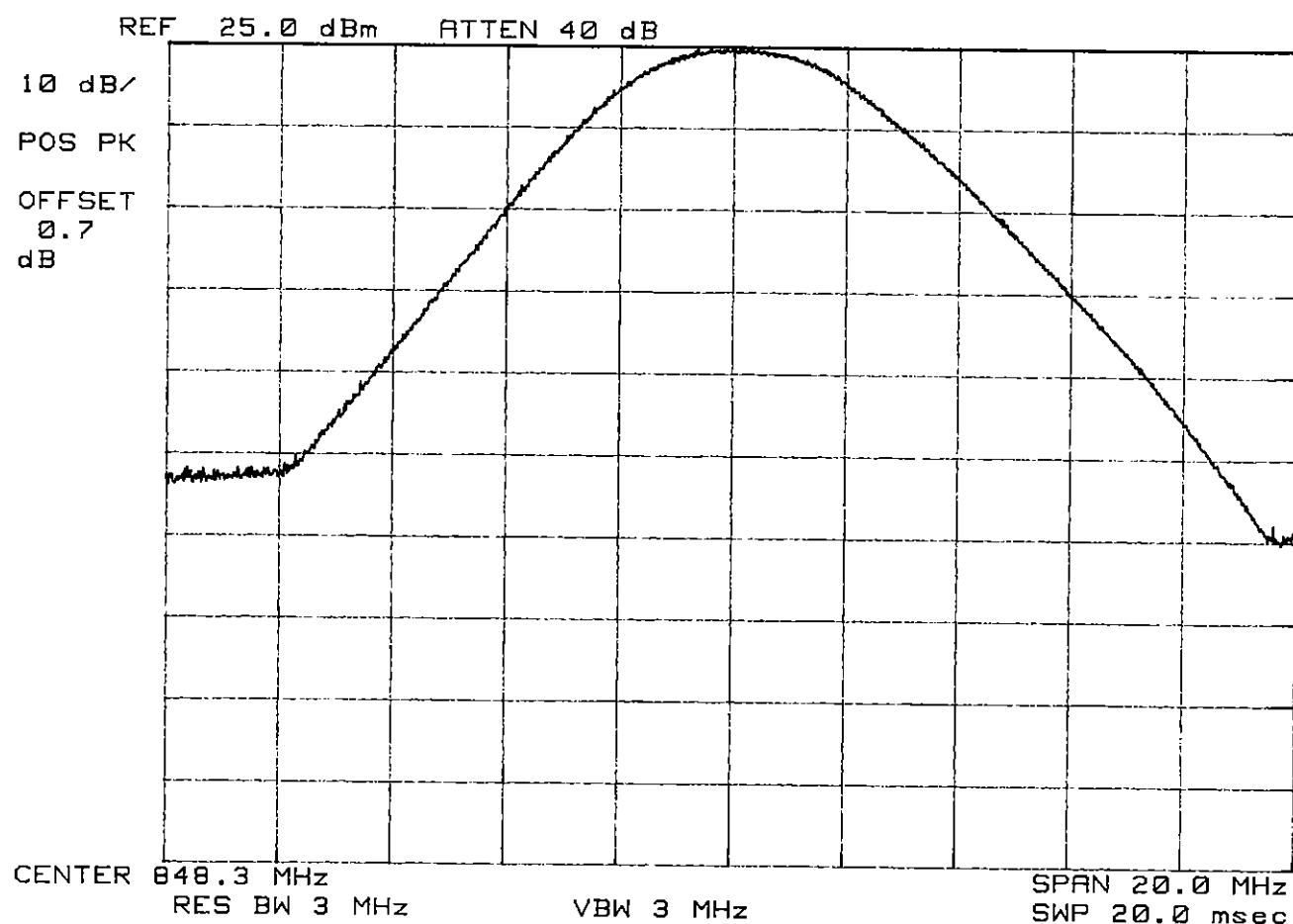
CDMA

OUTPUT PWR

CH-0777

Operating Frequency: 848.310 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

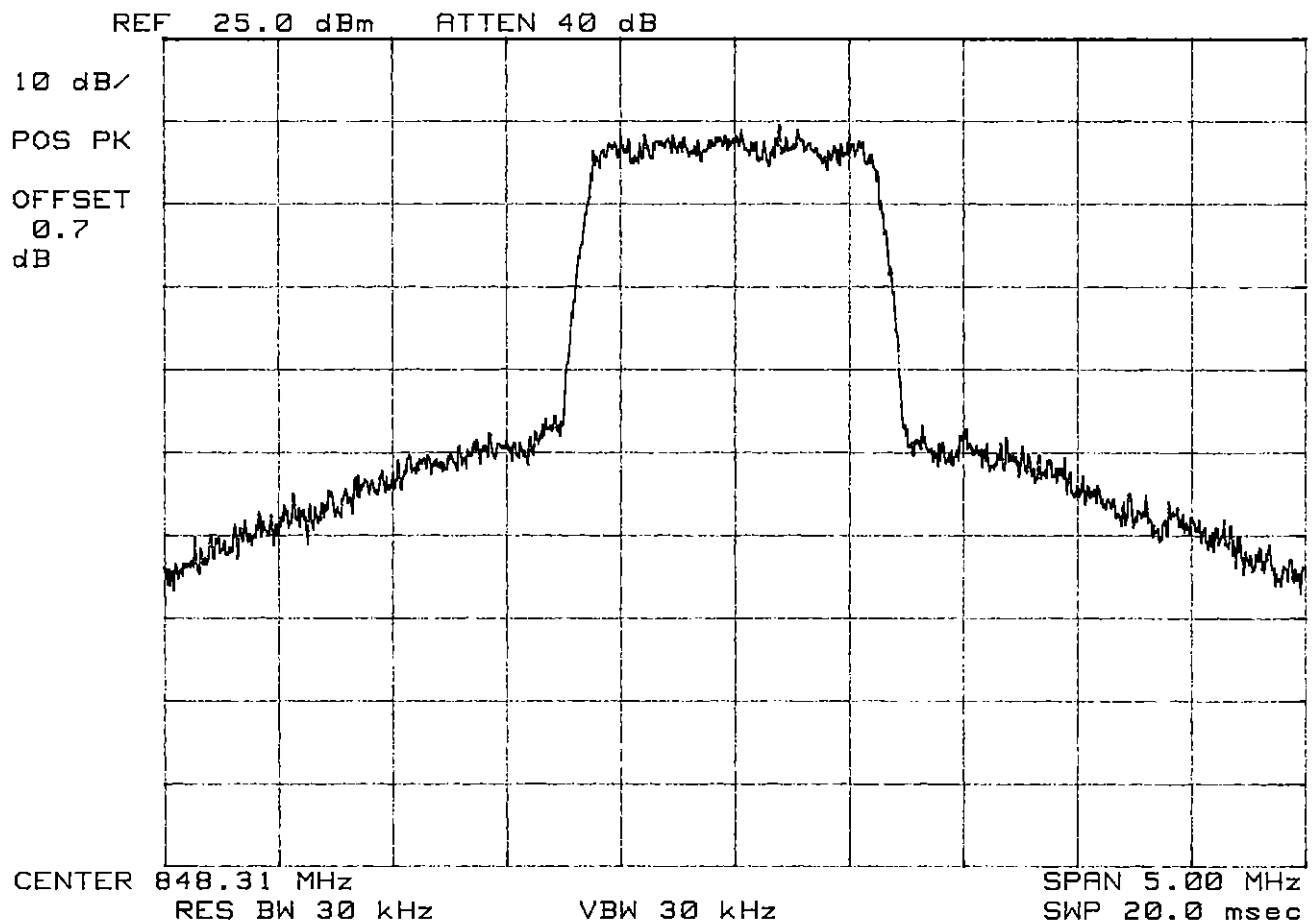
CDMA

OBW TEST

CH-0777

Operating Frequency: 848.310 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

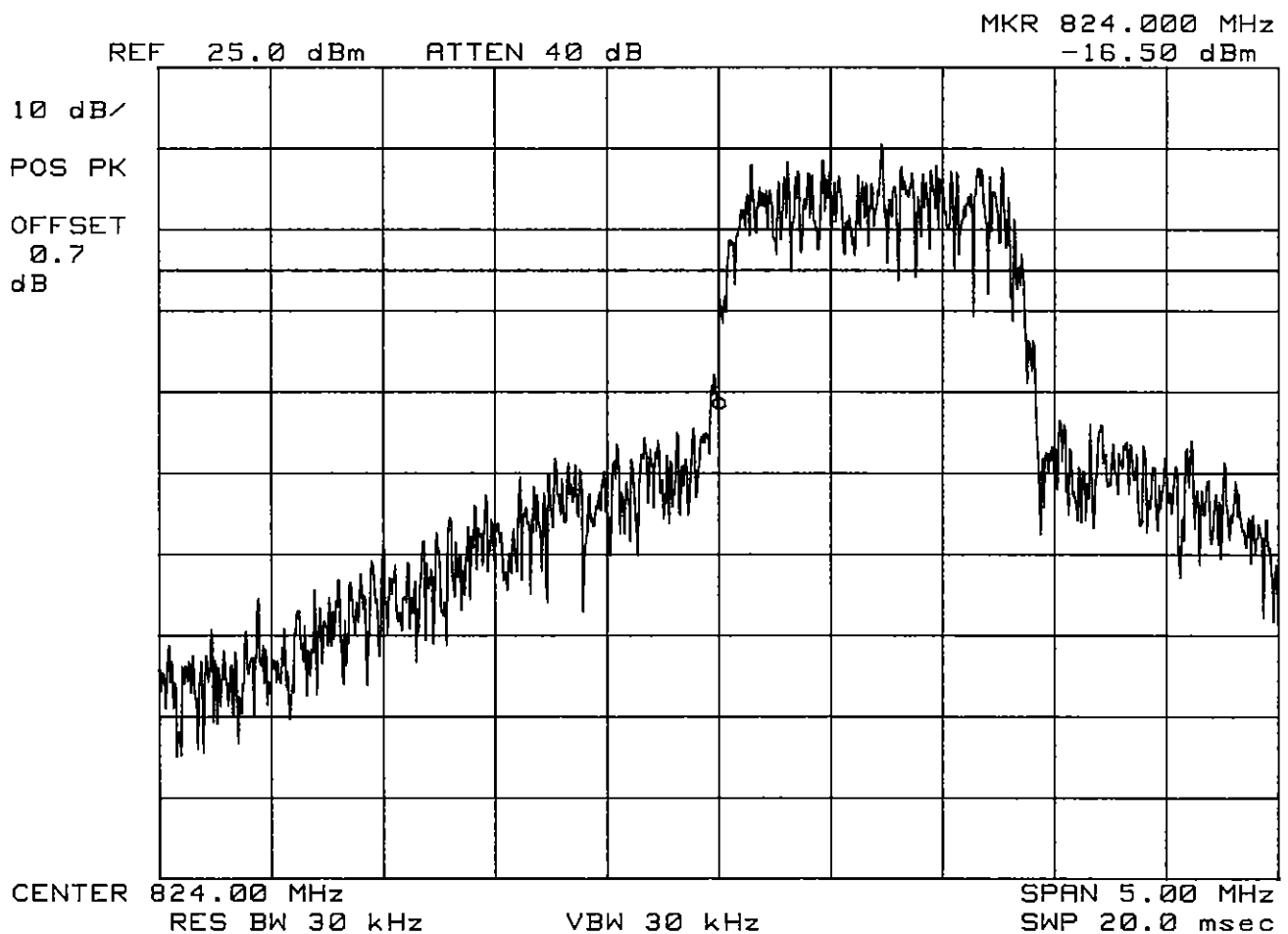
CDMA

BAND EDGE

CH-1013

Operating Frequency: 824.700 MHz

Test Mode:Conducted Spurious Emmission



FCC ID: POQWTE-300 CDMA 800

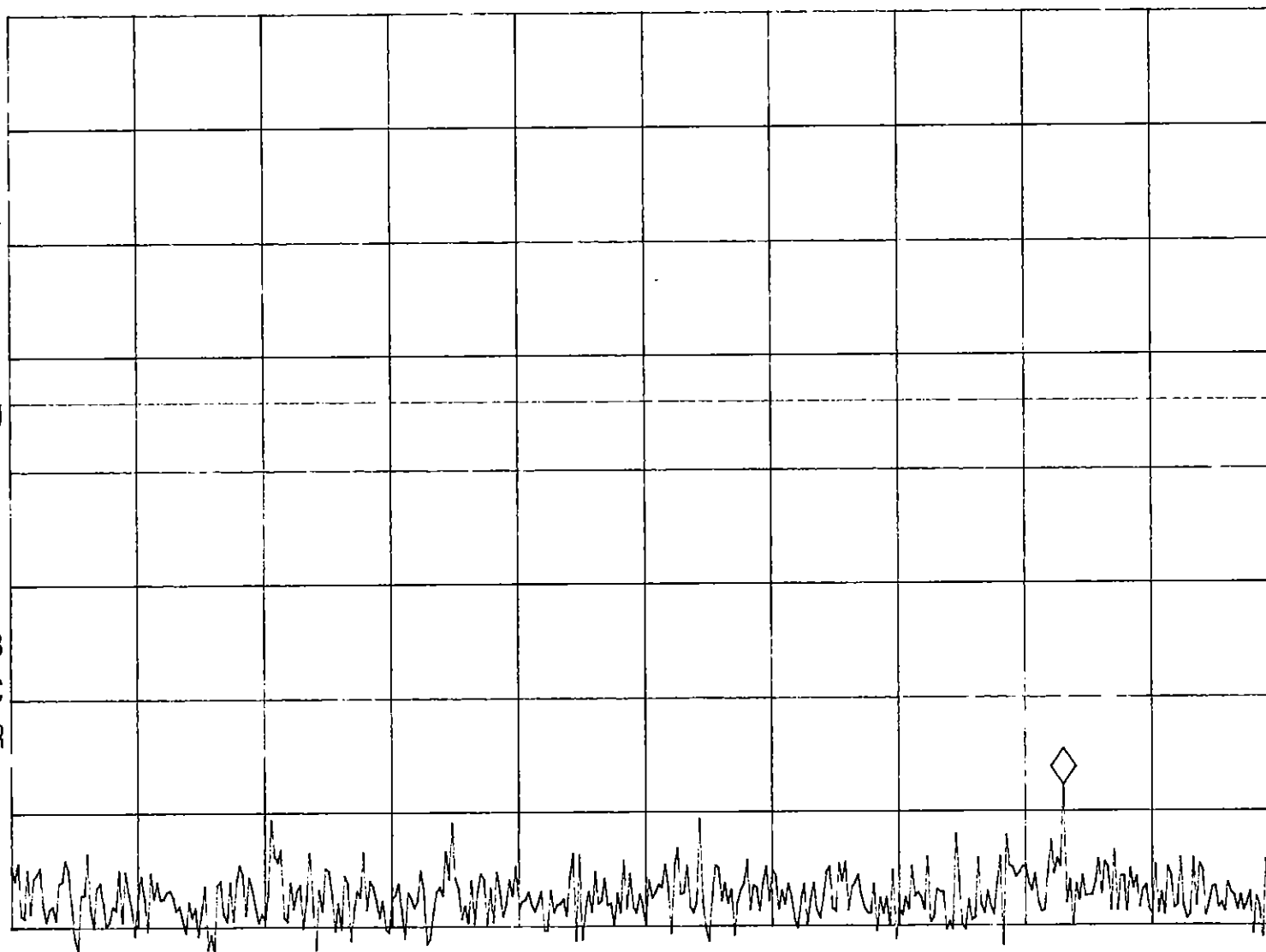
MKR 889.75 MHz

REF -63.0 dBm ATTEN 10 dB PG 26.0 dB

-96.85 dBm

PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm

VA SB
SC FC
CORR



START 869.00 MHz

STOP 894.00 MHz

#RES BW 100 kHz

#VBW 300 kHz

SWP 20 msec

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

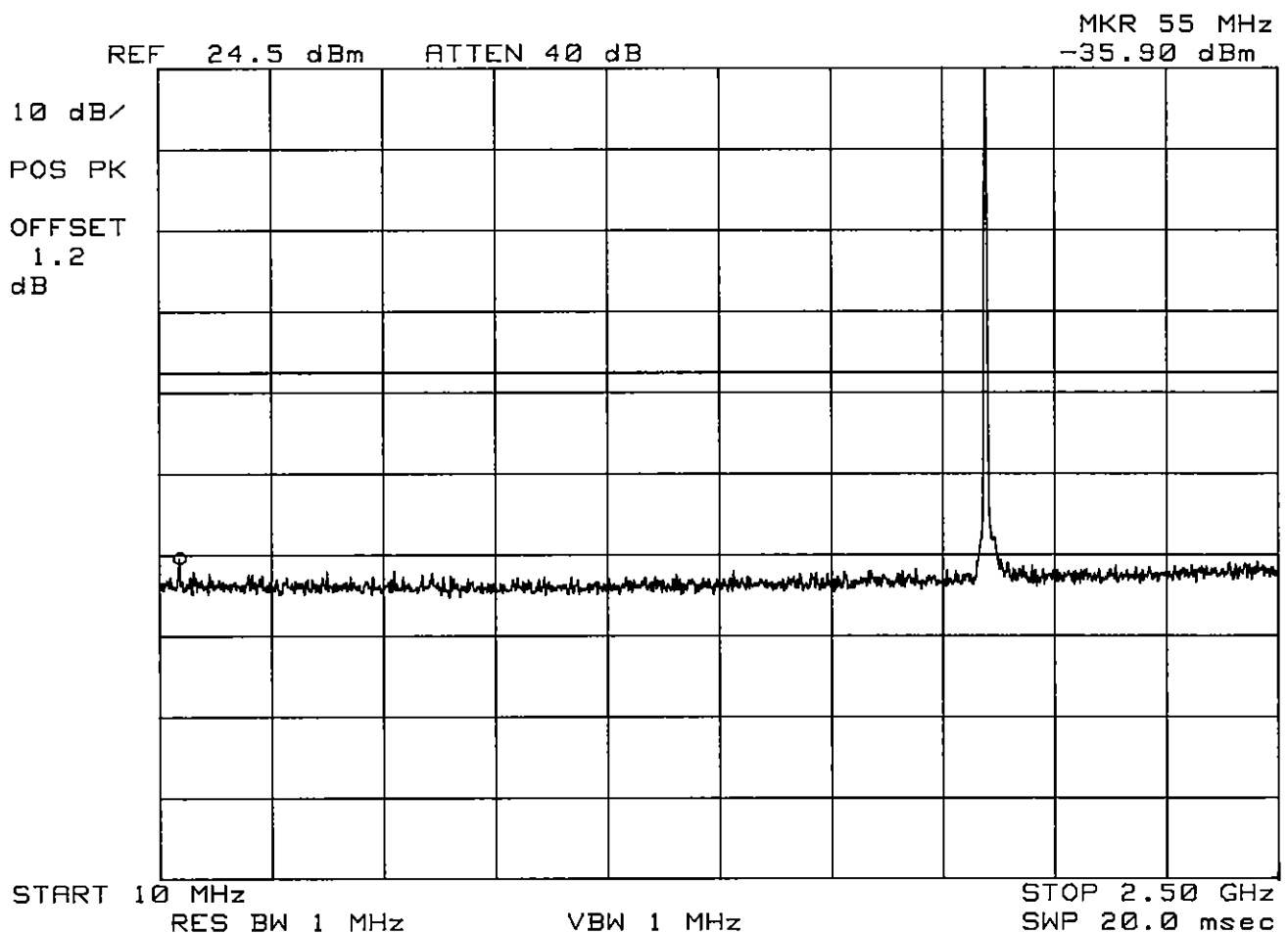
PCS

COND SPURIOUS

CH-0025

Operating Frequency: 1851.250 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

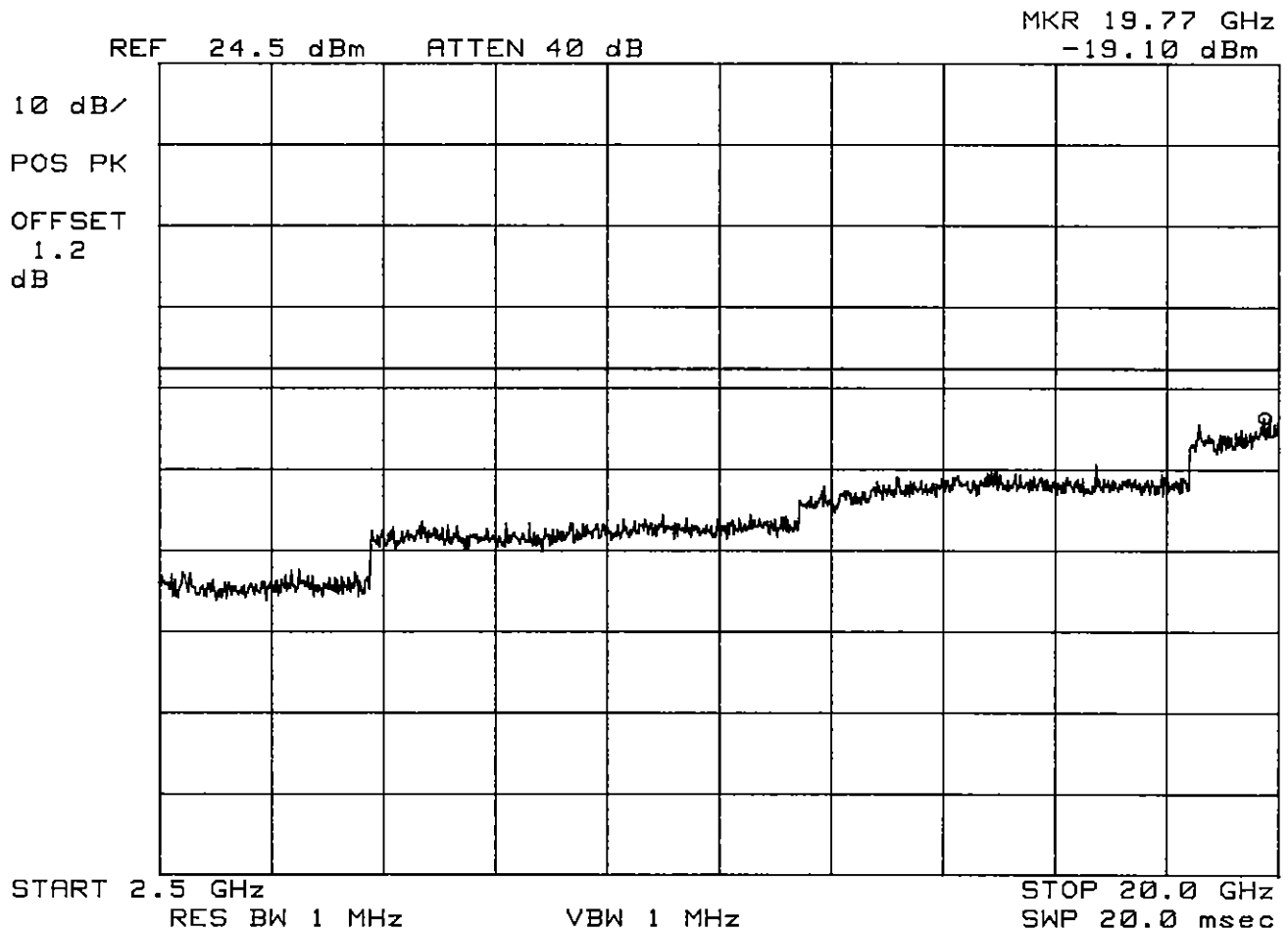
PCS

COND SPURIOUS

CH-0025

Operating Frequency: 1851.250 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

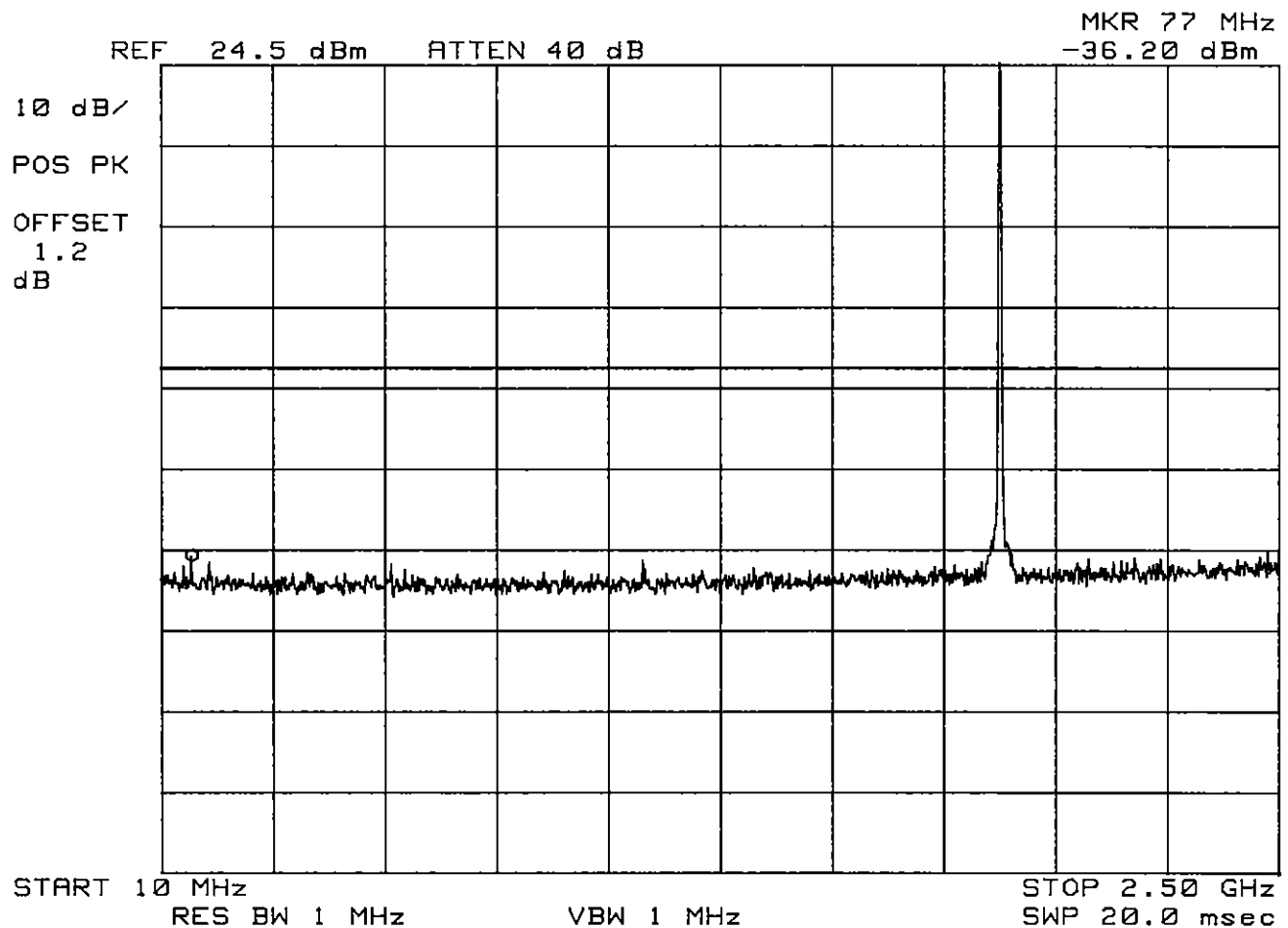
PCS

COND SPURIOUS

CH-0600

Operating Frequency: 1880.000 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

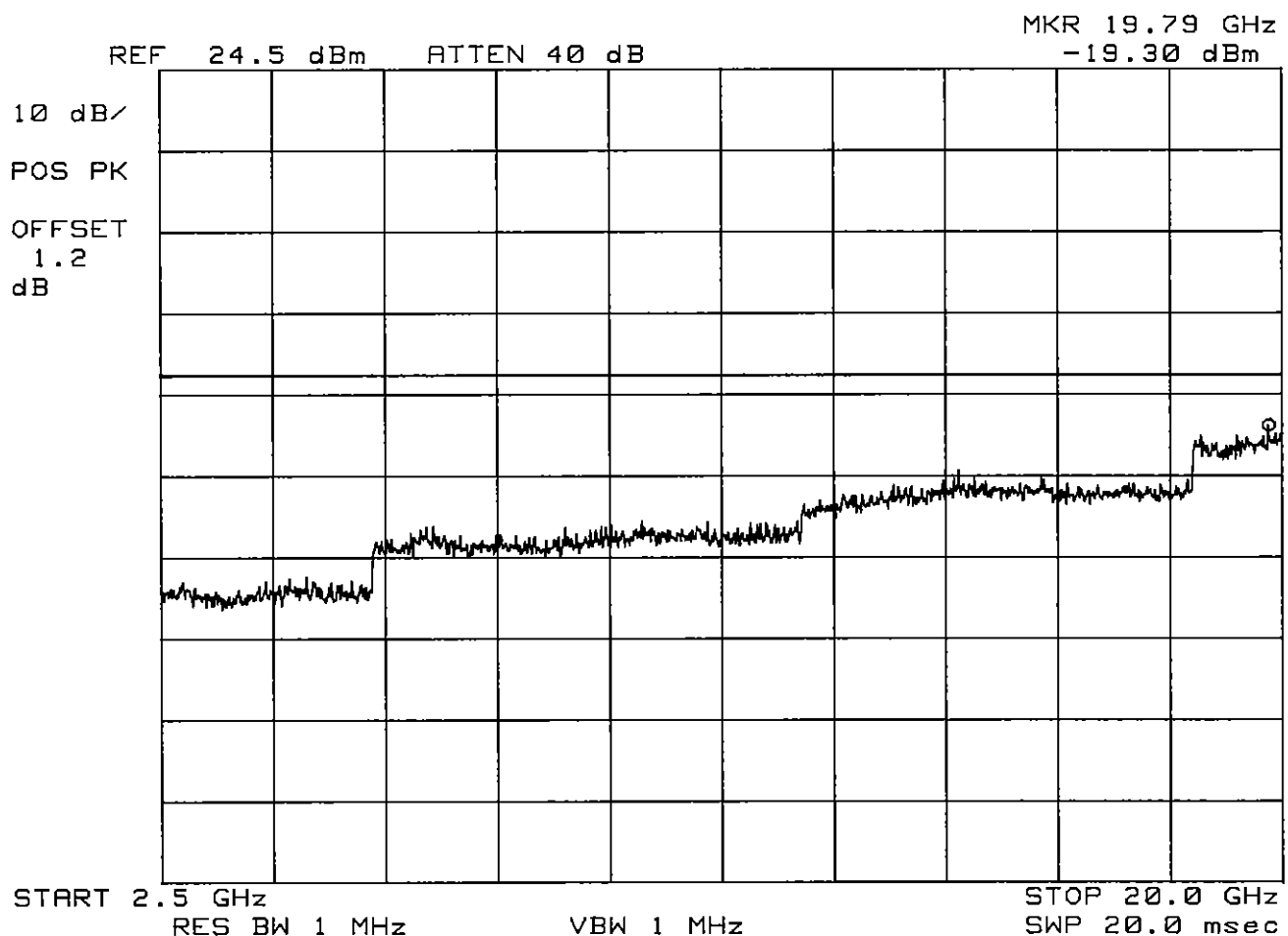
PCS

COND SPURIOUS

CH-0600

Operating Frequency: 1880.000 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

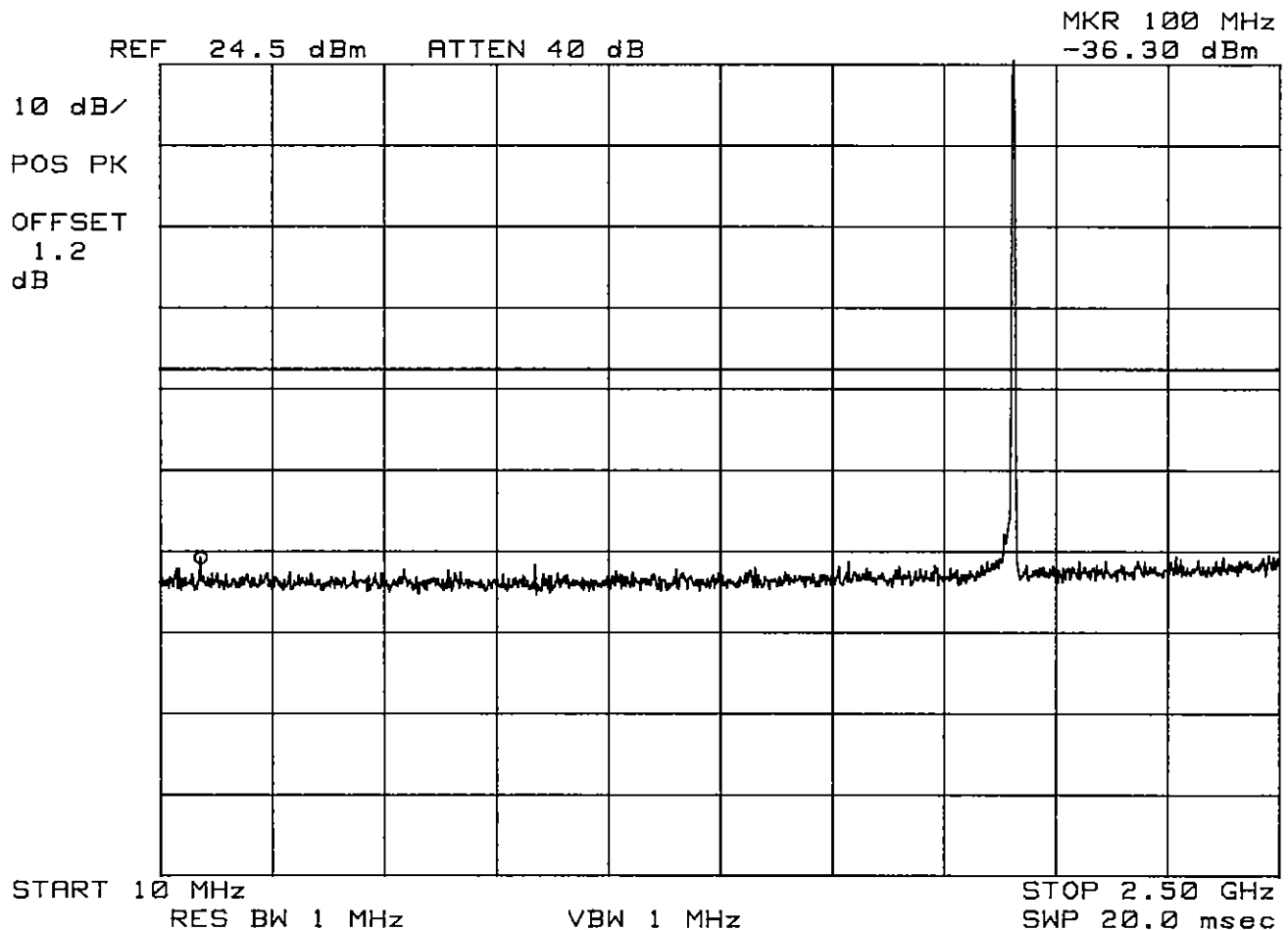
PCS

COND SPURIOUS

CH-1175

Operating Frequency: 1908.750 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

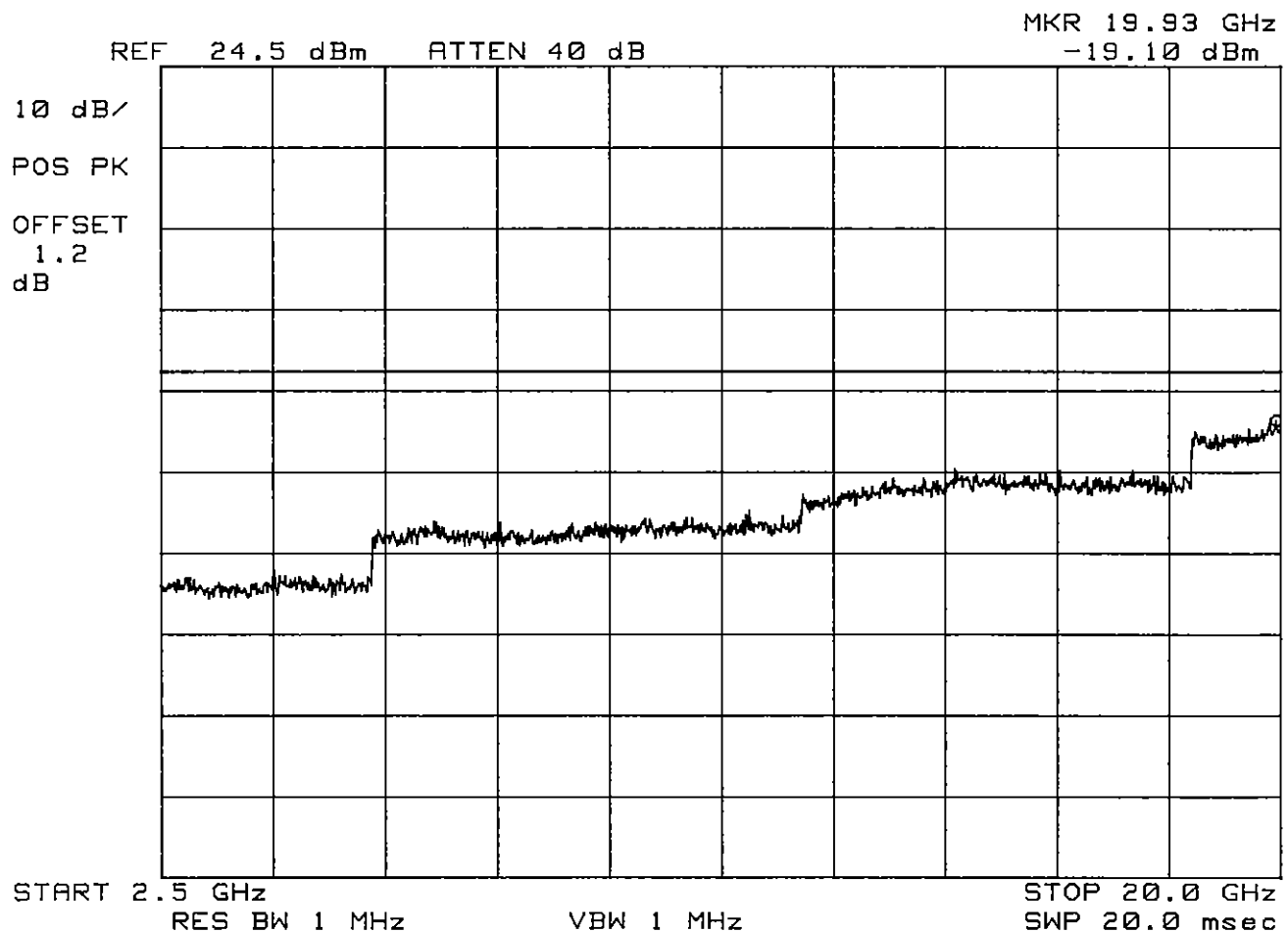
PCS

COND SPURIOUS

CH-1175

Operating Frequency: 1908.750 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID: P0QWTE-300

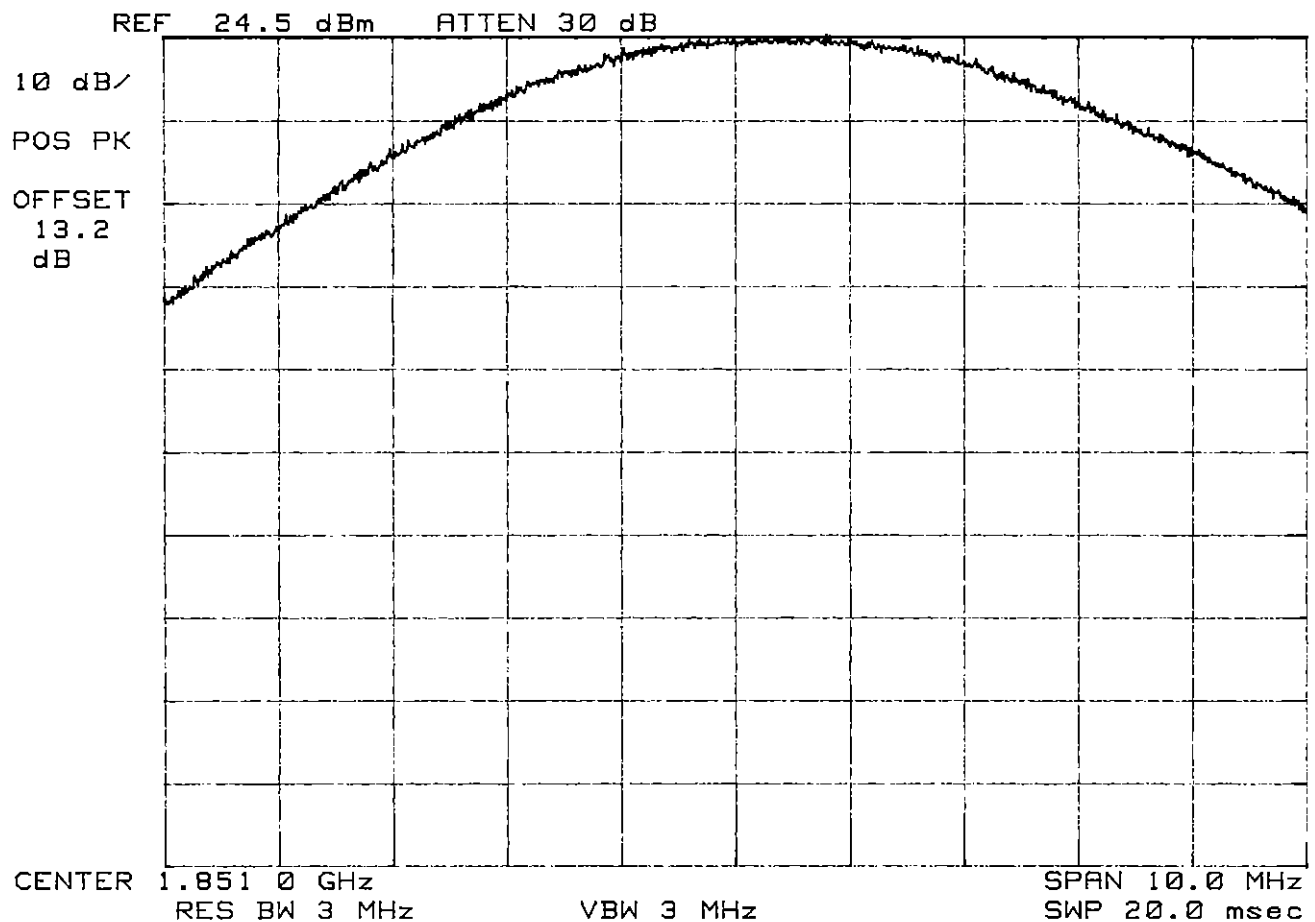
PCS

POWER OUT

CH-0025

Operating Frequency: 1851.250 MHz

Test Mode: Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

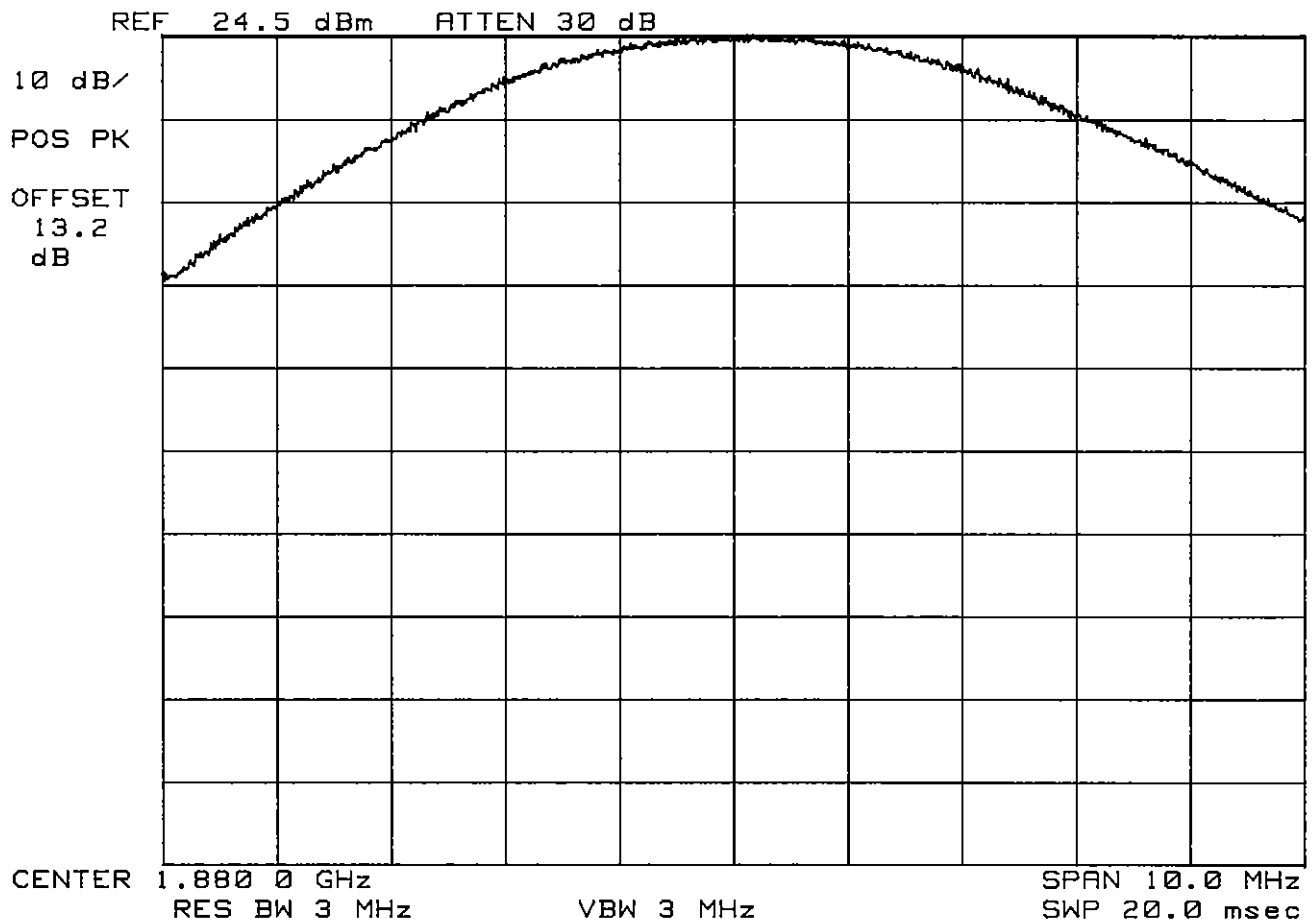
PCS

POWER OUT

CH-0600

Operating Frequency: 1880.000 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID: P0QWTE-300

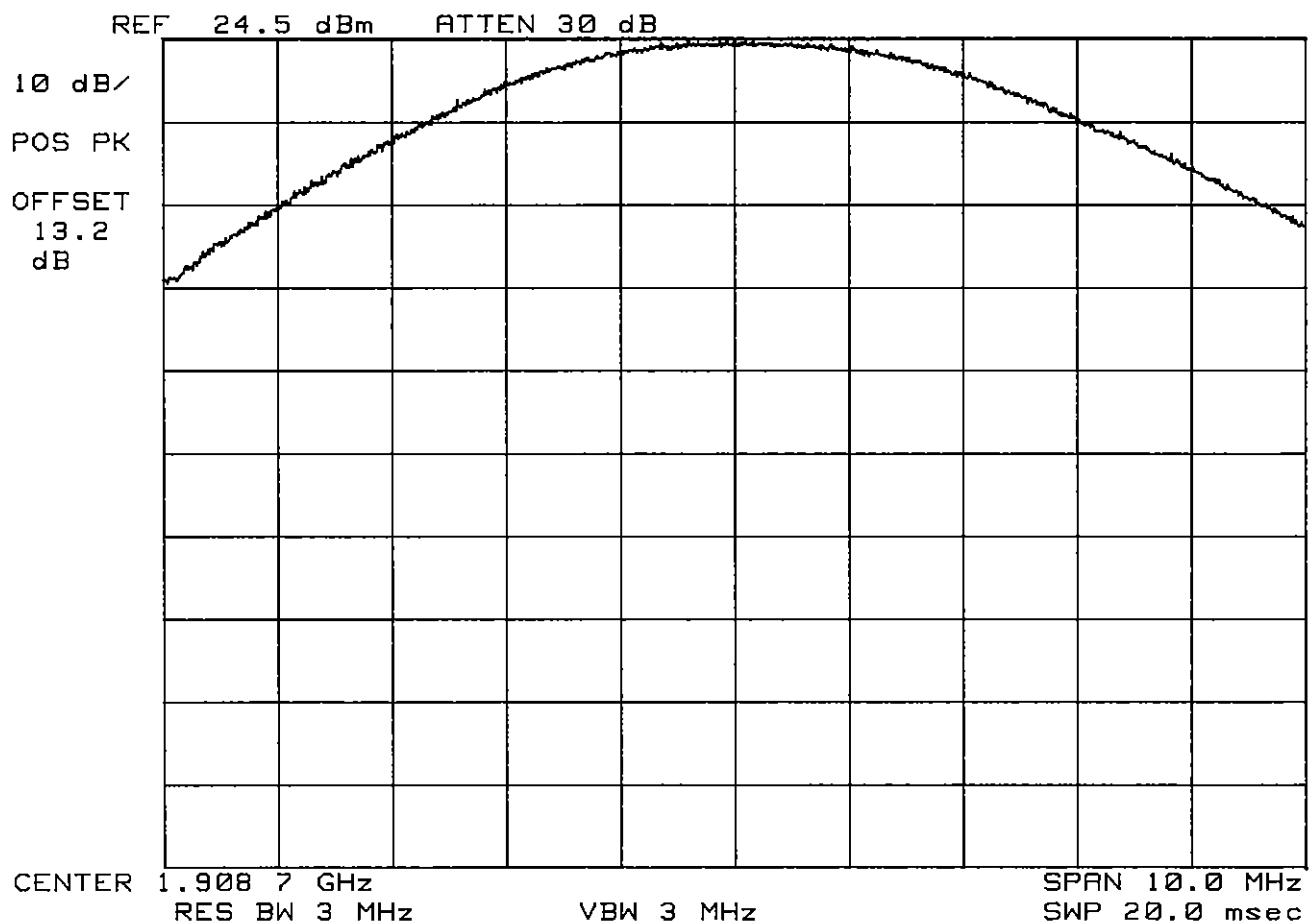
PCS

POWER OUT

CH-1175

Operating Frequency: 1908.750 MHz

Test Mode: Conducted Spurious Emission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

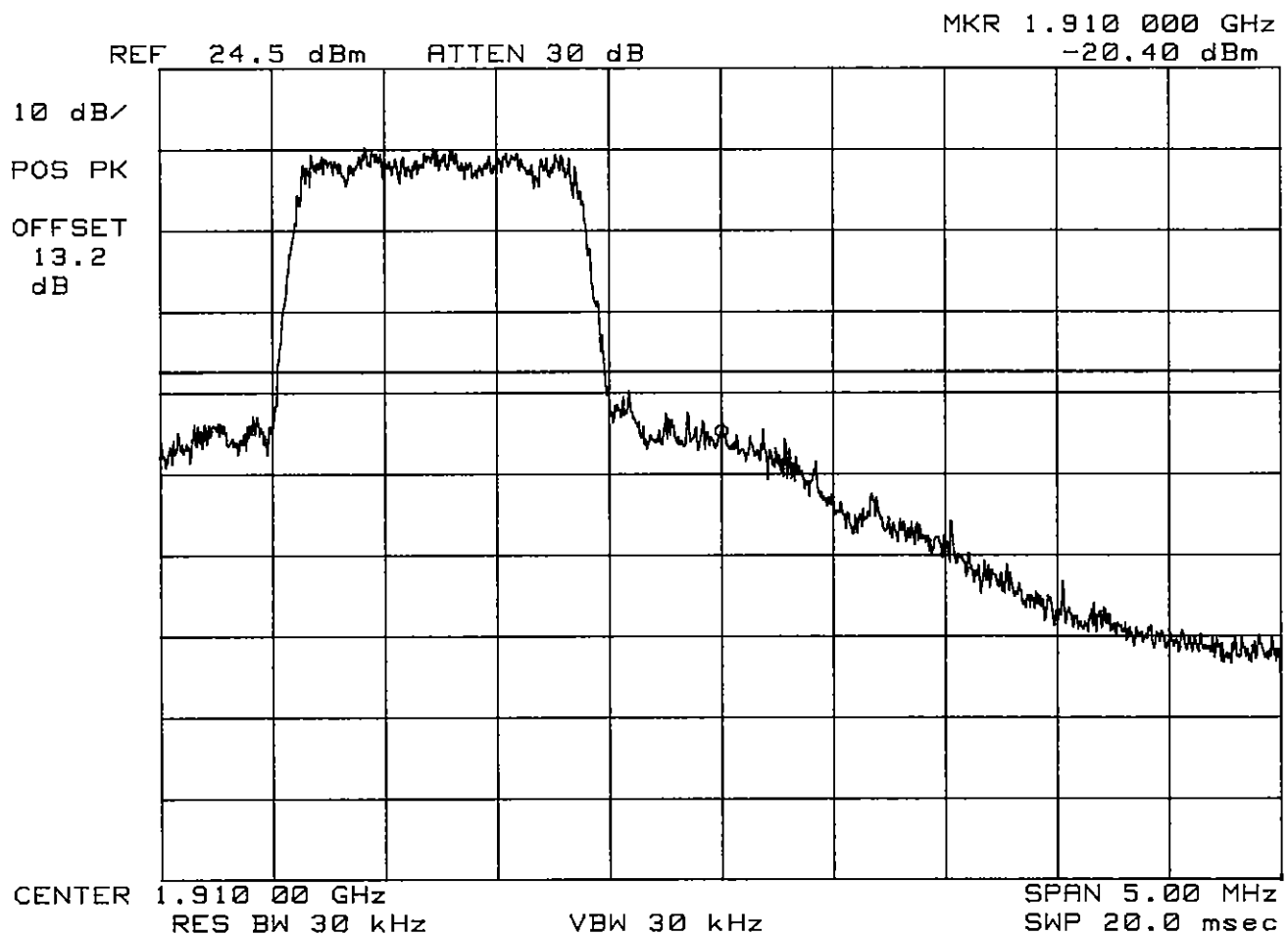
PCS

BAND EDGE

CH-1175

Operating Frequency: 1908.750 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

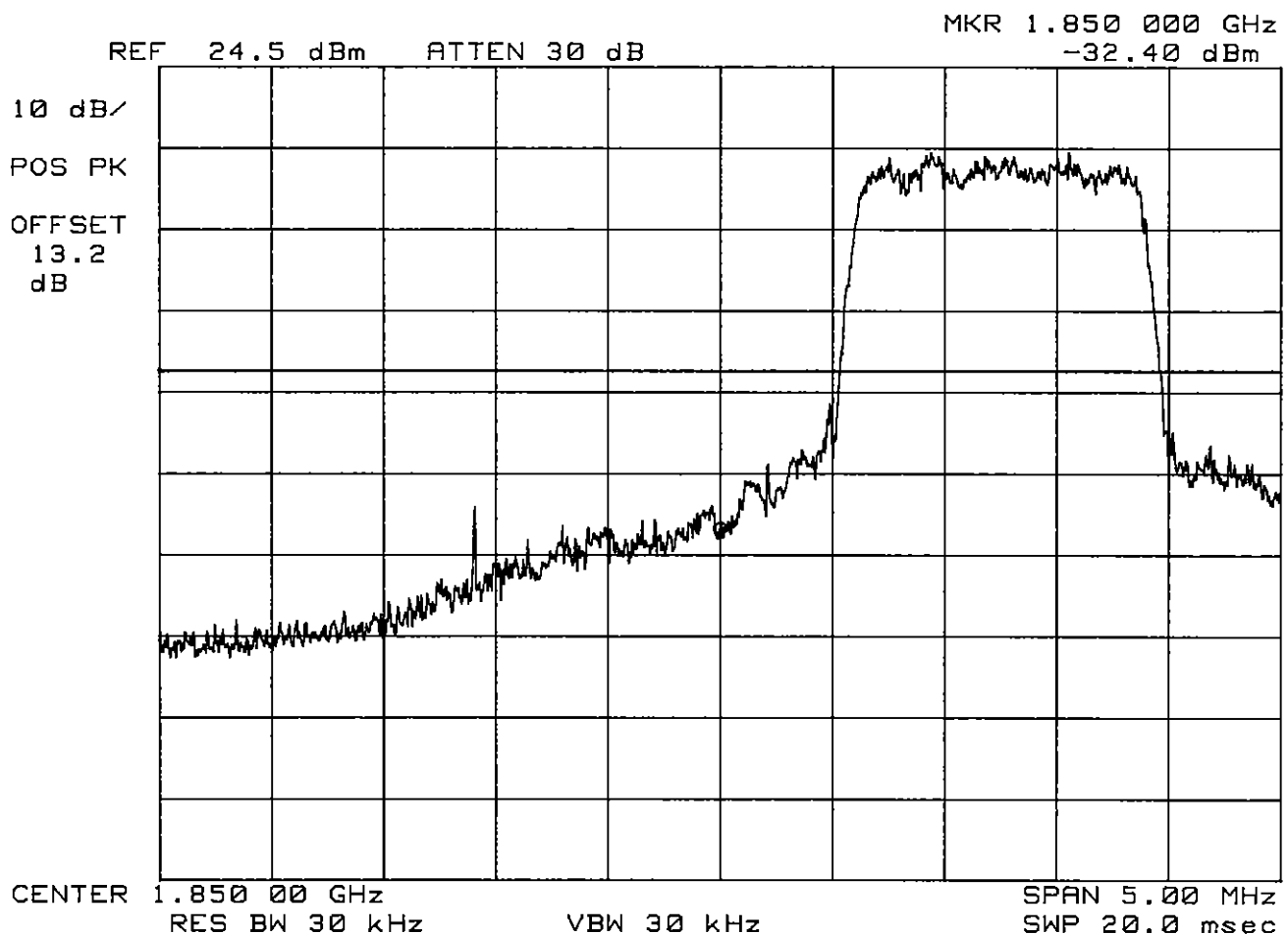
PCS

BAND EDGE

CH-0025

Operating Frequency: 1851.250 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID: P0QWTE-300

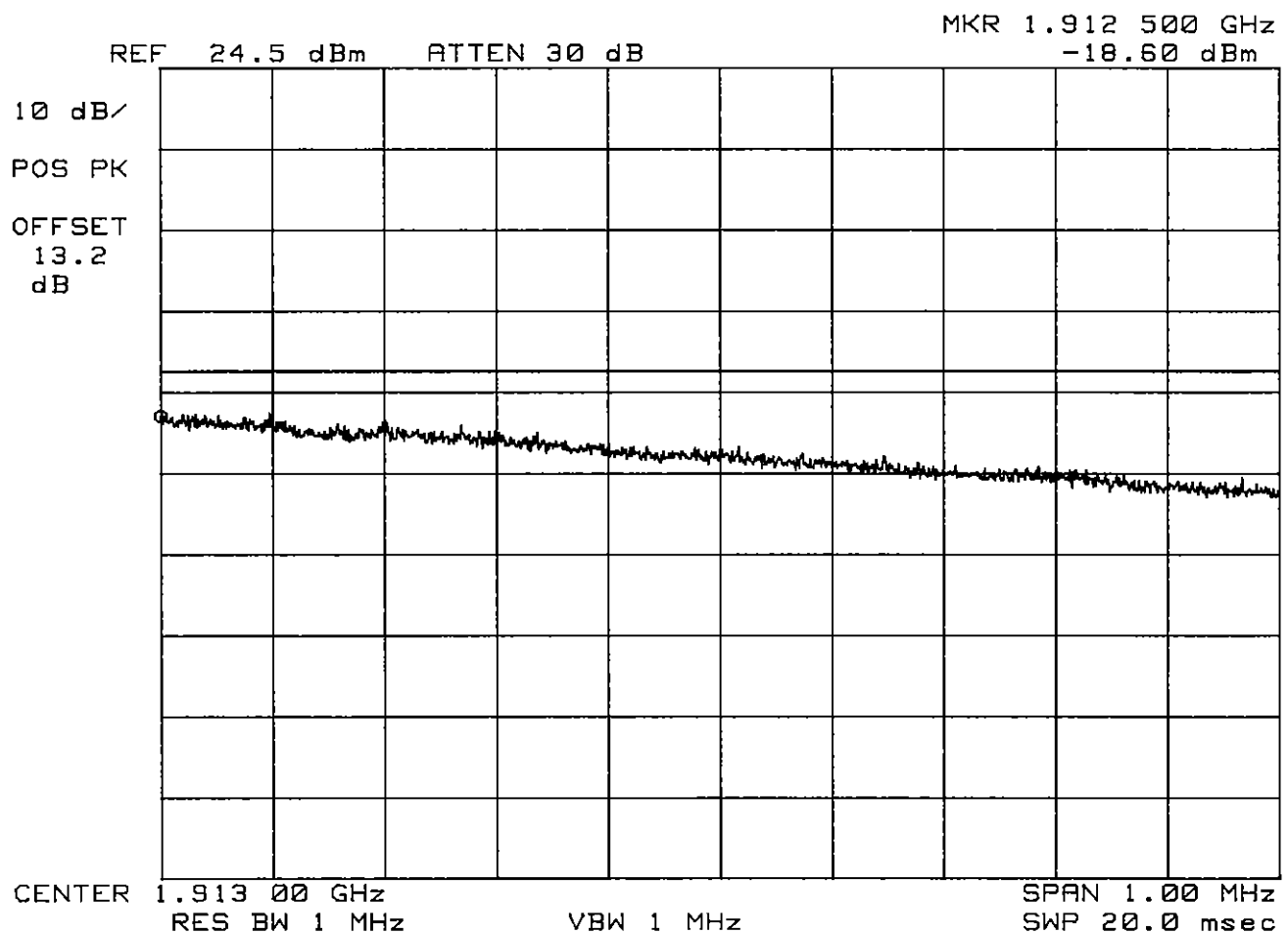
PCS

BAND EDGE

CH-1175

Operating Frequency: 1908.750 MHz

Test Mode: Conducted Spurious Emission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

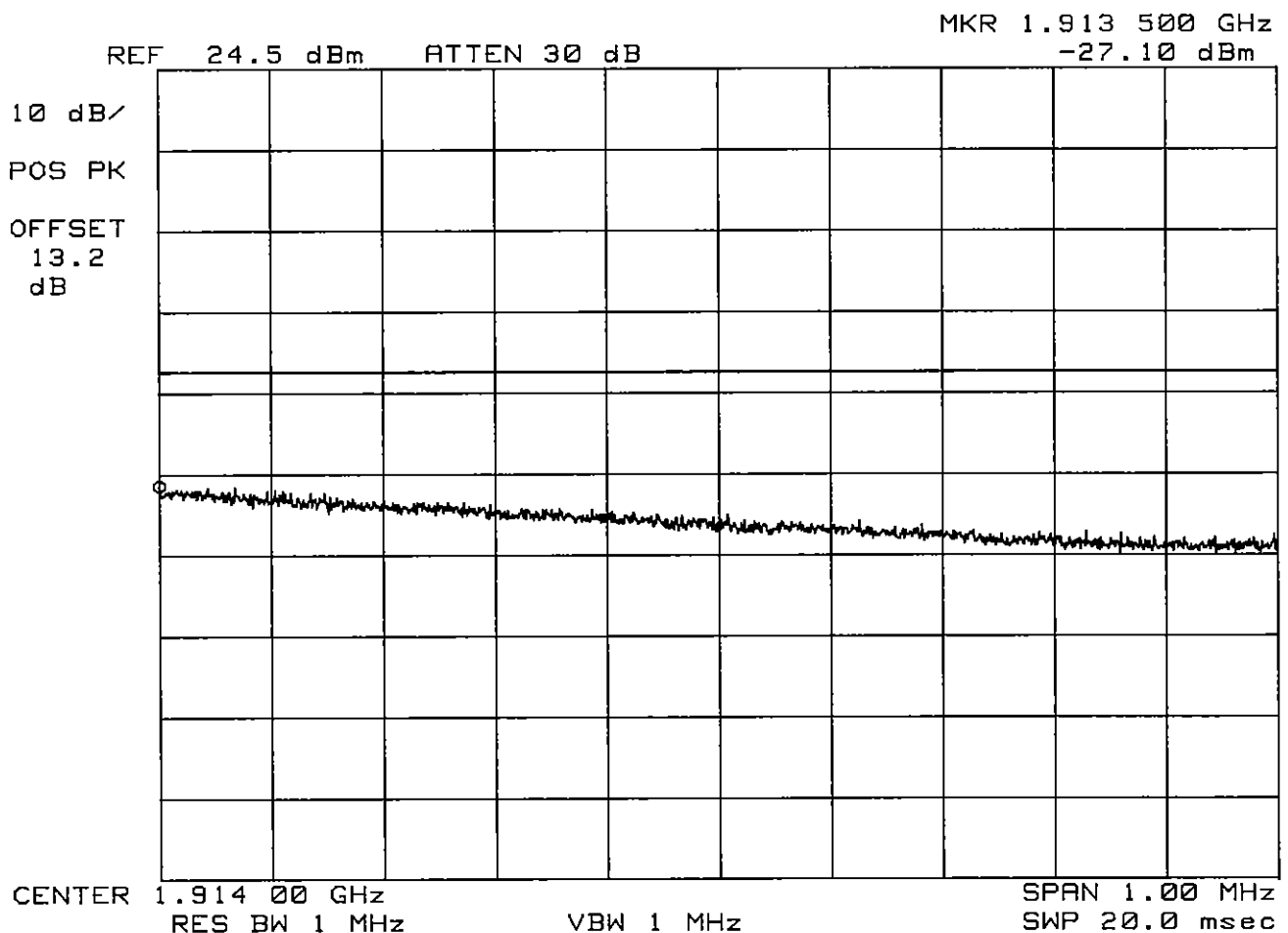
PCS

BAND EDGE

CH-1175

Operating Frequency: 1908.750 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

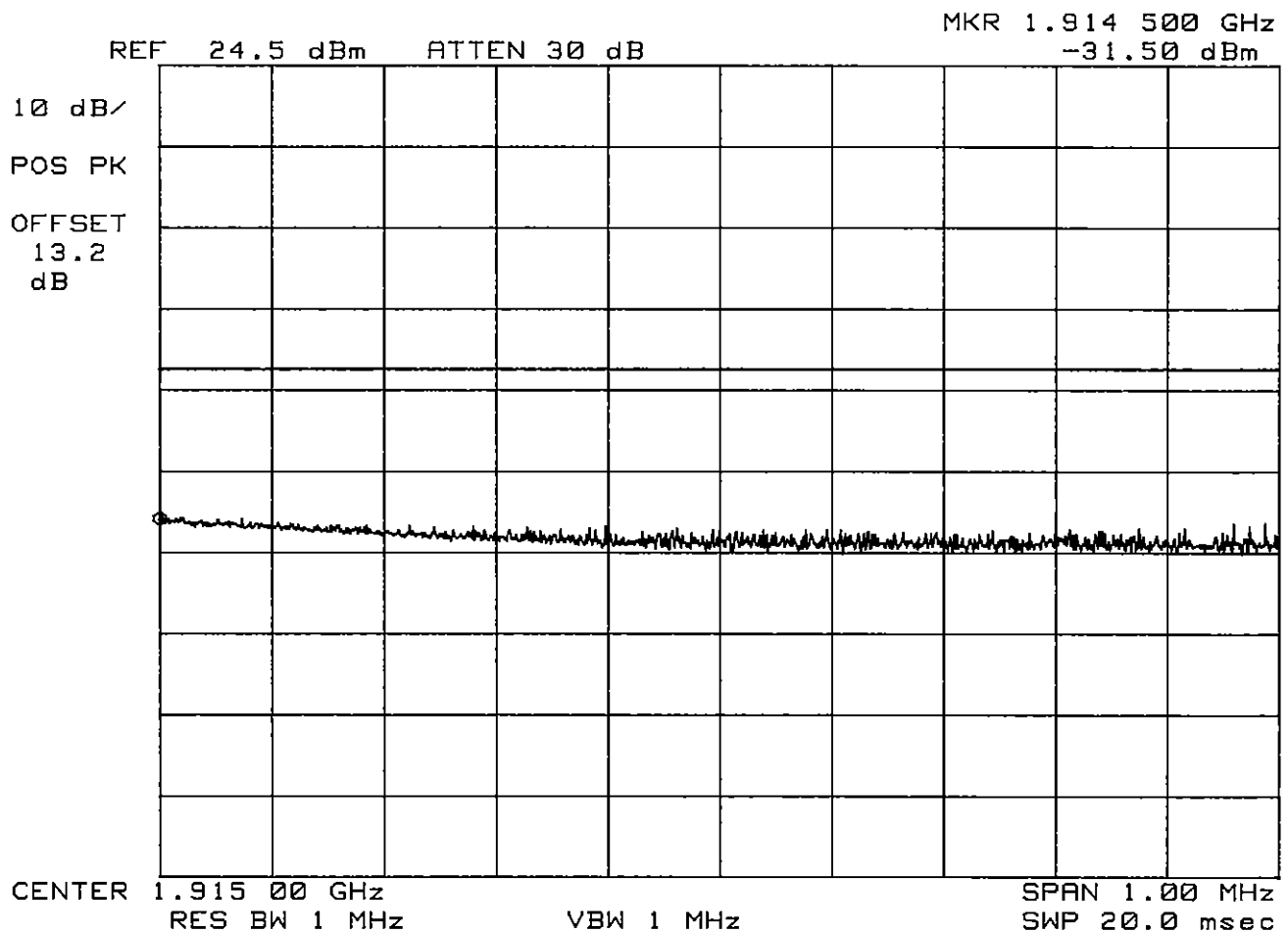
PCS

BAND EDGE

CH-1175

Operating Frequency: 1908.750 MHz

Test Mode:Conducted Spurious Emmission



REF 24.5 dBm ATTEN 30 dB MKR 1.915 500 GHz -33.80 dBm

10 dB/

POS PK

OFFSET 13.2 dB

CENTER 1.916 00 GHz SPAN 1.00 MHz

RES BW 1 MHz VBW 1 MHz SWP 20.0 msec

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

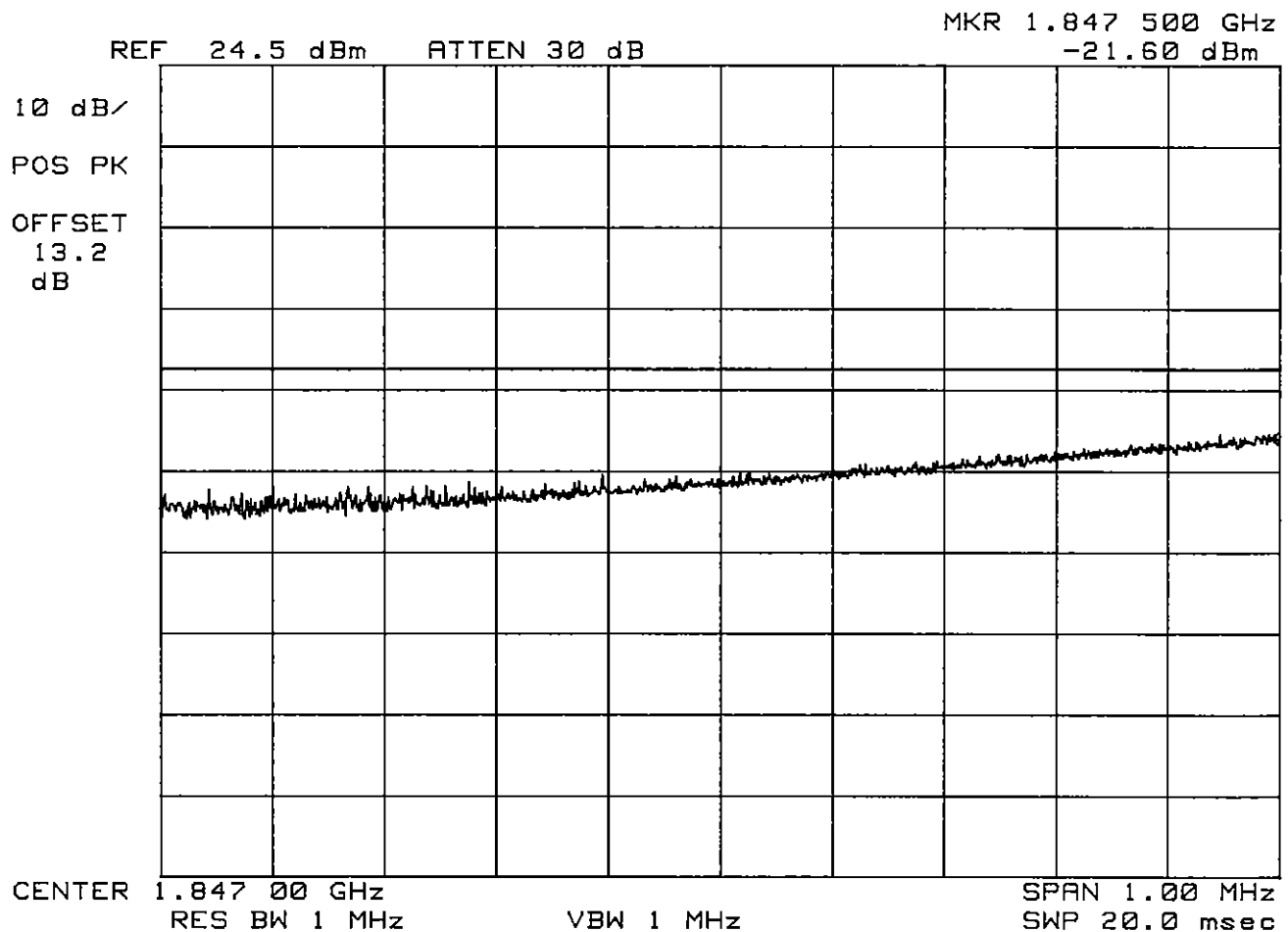
PCS

BAND EDGE

CH-0025

Operating Frequency: 1851.250 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID: P0QWTE-300

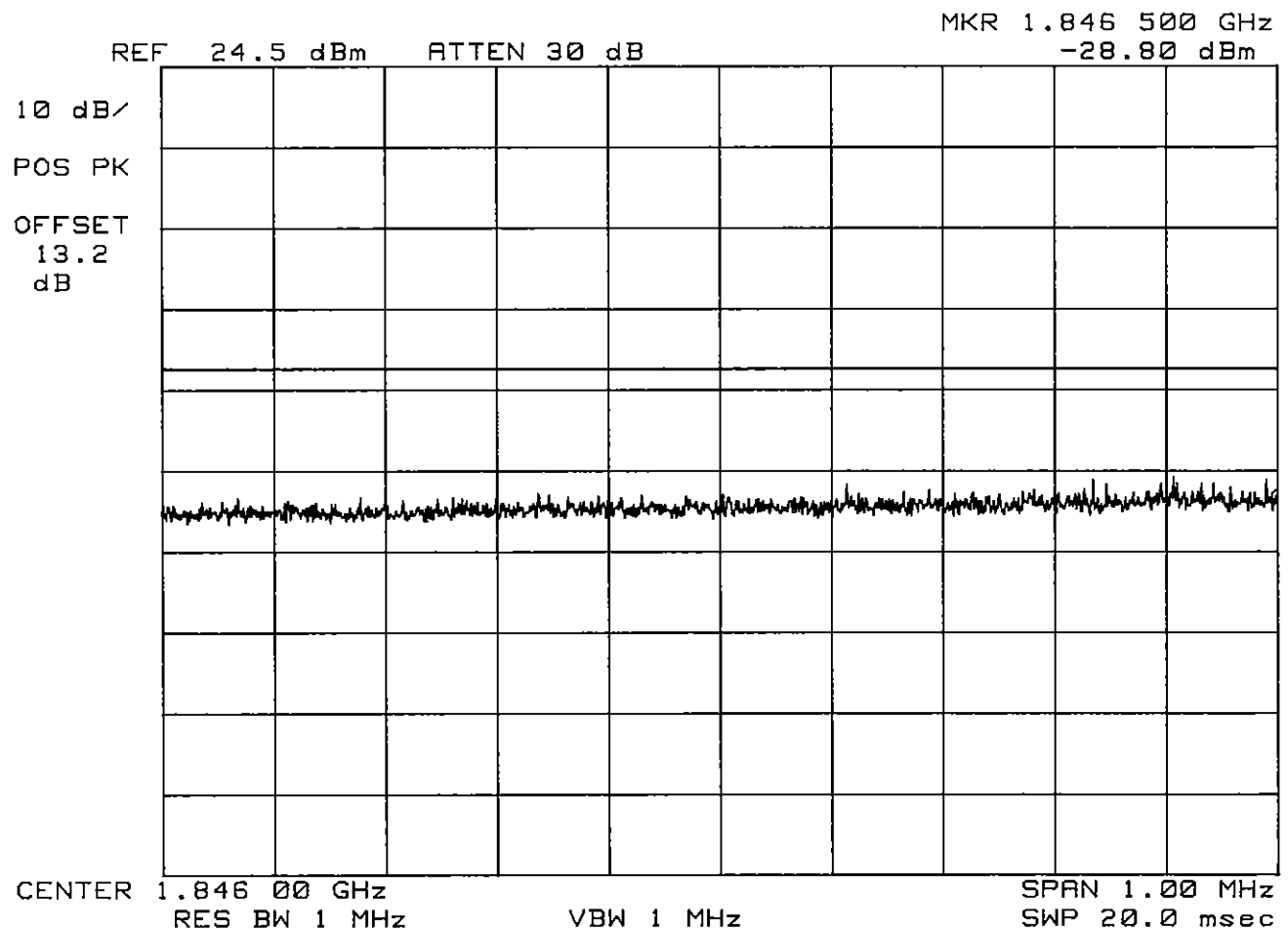
PCS

BAND EDGE

CH-0025

Operating Frequency: 1851.250 MHz

Test Mode: Conducted Spurious Emission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

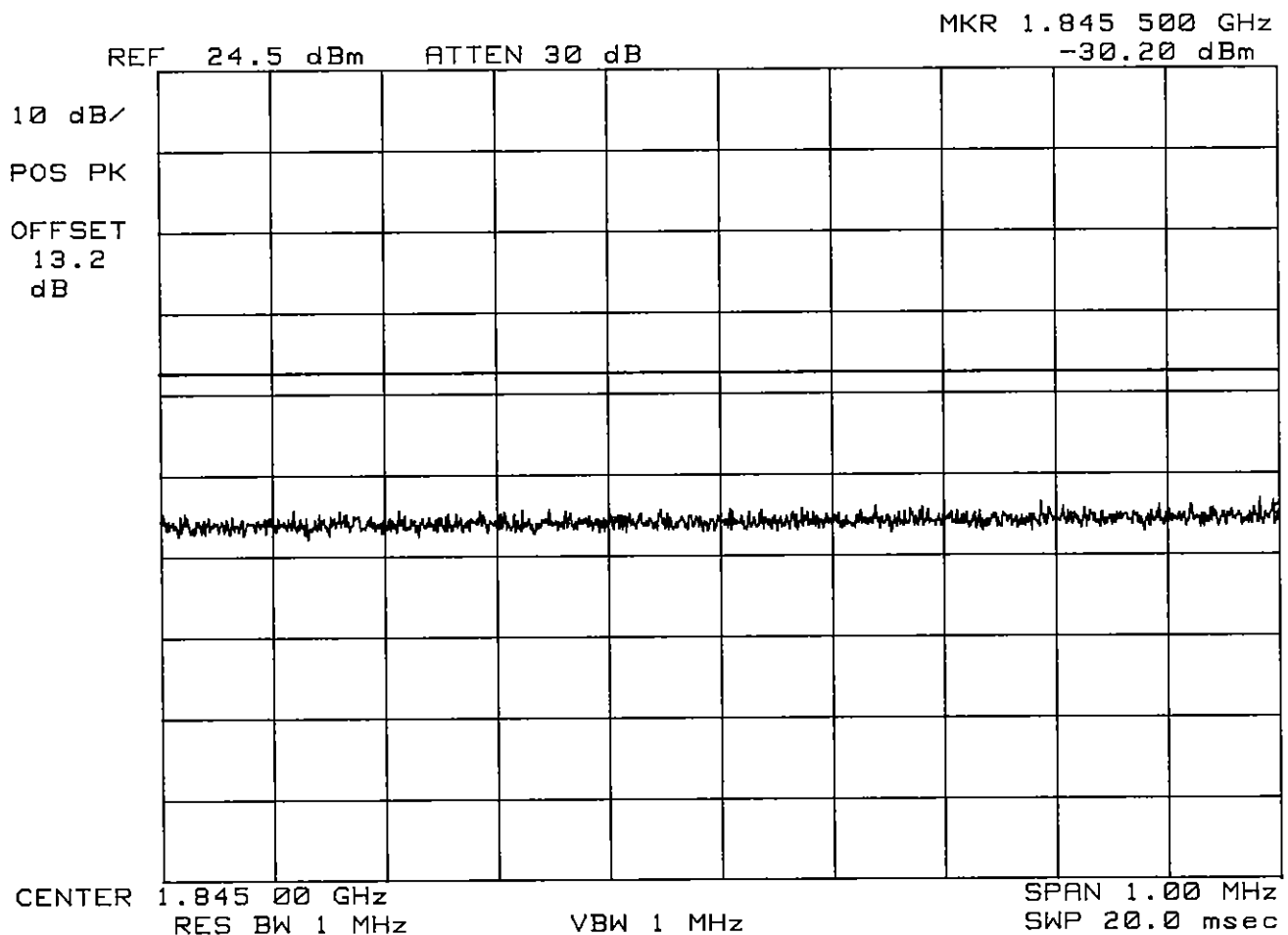
PCS

BAND EDGE

CH-0025

Operating Frequency: 1851.250 MHz

Test Mode:Conducted Spurious Emmission



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:POQWTE-300

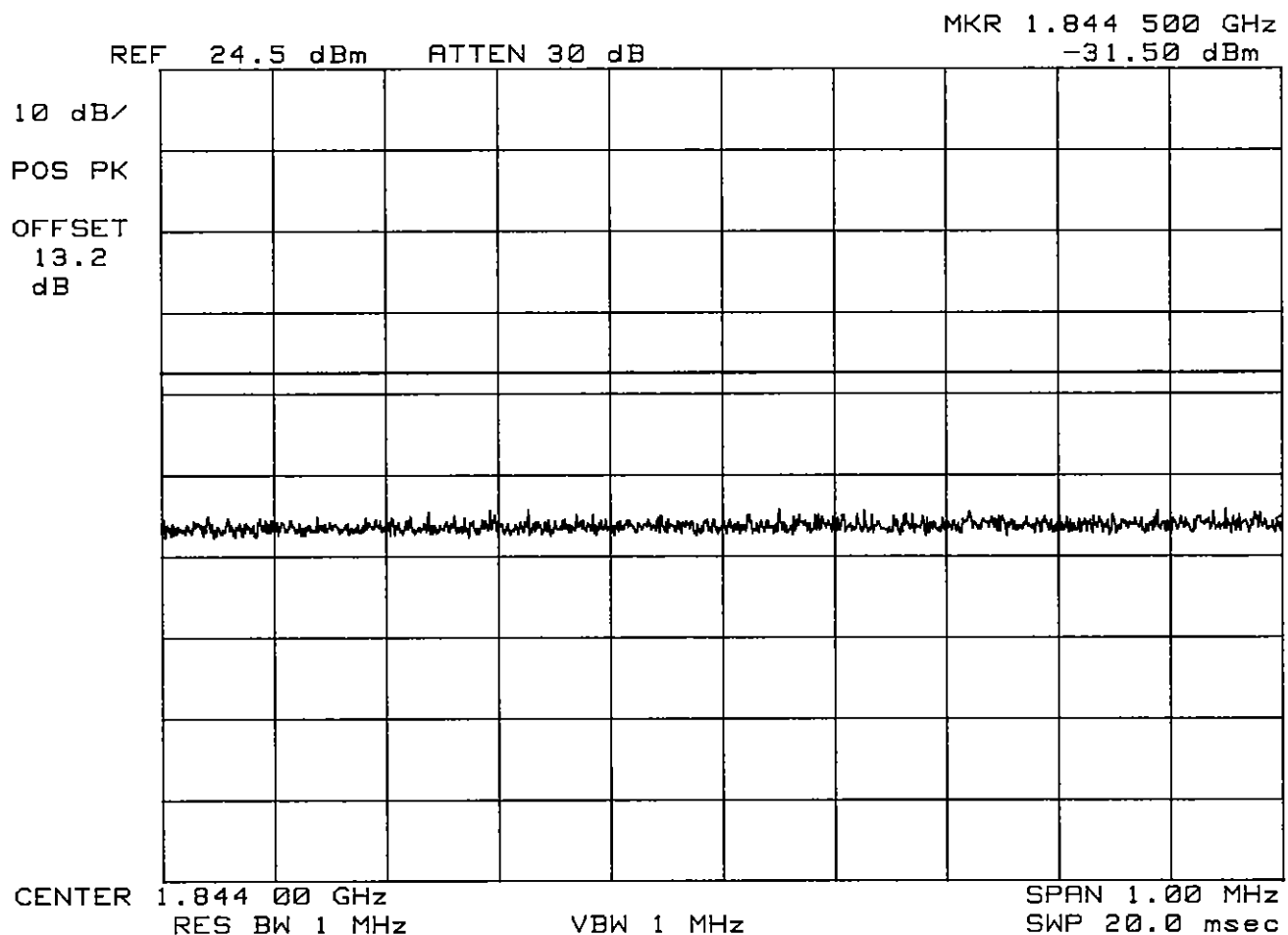
PCS

BAND EDGE

CH-0025

Operating Frequency: 1851.250 MHz

Test Mode: Conducted Spurious Emission



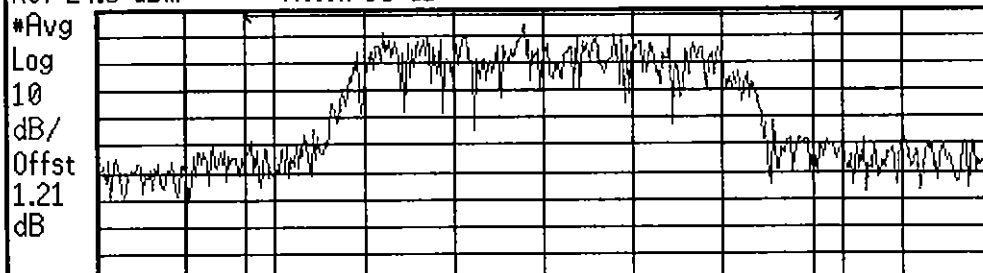
Agilent

Ch Freq 1.85125 GHz Trig Free
Channel Power

Center 1.851250000 GHz

Model: WTE-300 PCS POWER OUT Ch:0025

Ref 24.5 dBm Atten 35 dB



Center 1.851 GHz Span 3 MHz
Res BW 30 kHz VBW 300 kHz Sweep 8 ms (401 pts)

Channel Power

24.49 dBm /2.0000 MHz

Power Spectral Density

-38.53 dBm/Hz

Freq/Channel

Center Freq
1.85125000 GHz

Start Freq
1.84975000 GHz

Stop Freq
1.85275000 GHz

CF Step
300.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Scale Type
Log Lin

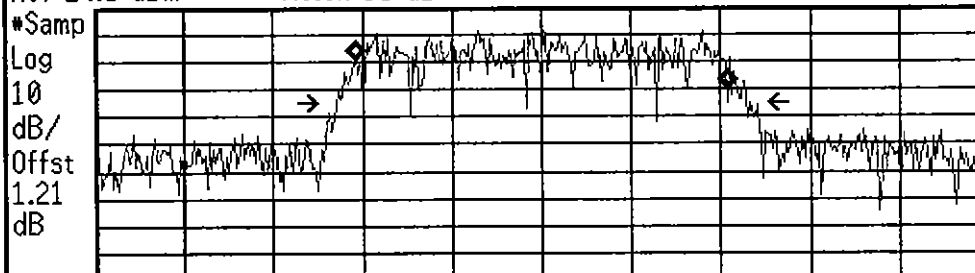
Agilent

Ch Freq 1.88 GHz Trig Free
Occupied Bandwidth

Center 1.880000000 GHz

Model: WTE-300 PCS POWER OUT Ch:0025

Ref 24.5 dBm Atten 35 dB



Center 1.88 GHz Span 3 MHz
*Res BW 30 kHz *VBW 300 kHz *Sweep 9.167 ms (401 pts)

Occupied Bandwidth

1.2500 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -76.915 Hz
x dB Bandwidth 1.387 MHz*

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

Scale Type
Log Lin

✱ Agilent

Model: WTE-300 CDMA POWER OUT Ch: 0363

Ref 25 dBm

Atten 35 dB

Samp

Log

10

dB/

Offst

0.74

dB

VAvg

100

V1 S2

S3 FC

AA

Center 835.9 MHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

*Sweep 5 ms (401 pts)

Freq/Channel

Center Freq

835.900000 MHz

Start Freq

830.900000 MHz

Stop Freq

840.900000 MHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

Scale Type

Log

Lin

✱ Agilent

Ch Freq 835.9 MHz

Trig Free

Channel Power

Center 835.9000000 MHz

Model: WTE-300 CDMA POWER OUT Ch: 0363

Ref 25 dBm

Atten 35 dB

*Avg

Log

10

dB/

Offst

0.74

dB

Center 835.9 MHz

Res BW 30 kHz

VBW 300 kHz

Span 3 MHz

Sweep 8 ms (401 pts)

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

Scale Type

Log

Lin

Channel Power

25.06 dBm /2.0000 MHz

Power Spectral Density

-37.96 dBm/Hz

Agilent

Ch Freq 835.9 MHz

Trig Free

Channel Power

Center 835.900000 MHz

Model: WTE-300 CDMA POWER OUT Ch: 0363

Ref 25 dBm

Atten 35 dB

#Avg

Log

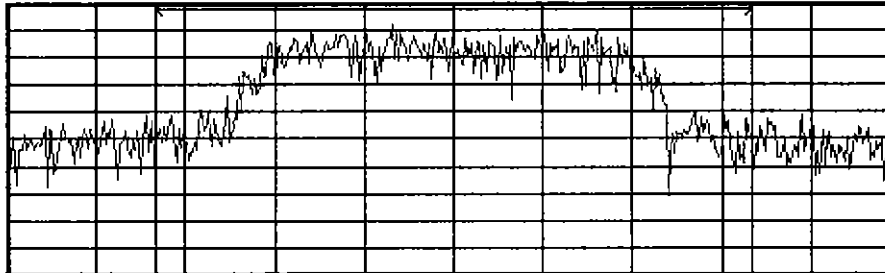
10

dB/

Offst

0.74

dB



Center 835.9 MHz

Span 3 MHz

Res BW 30 kHz

VBW 300 kHz

Sweep 8 ms (401 pts)

Channel Power

Power Spectral Density

25.06 dBm /2.0000 MHz

-37.96 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

Scale Type

Log

Lin