7.1 Test Data

7.2 AMPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 824.04 MHz
CHANNEL: 0991 (Low)
MEASURED OUTPUT POWER: 27.973 dBm = 0.627 W
MODULATION SIGNAL: FM (Internal)
DISTANCE: 3 meters
LIMIT: 43 + 10 $\log_{10}$ (W) = 40.97 dBc

FREQ. (MHz)	LEVEL (dBm)	POL (H/V)	(dBc)
1648.08	-42.88	V	70.8
2472.12	-44.08	V	72.0
3296.16	-47.98	V	75.9
4120.20	-54.28	V	82.2

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.3 AMPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 836.49 MHz
CHANNEL: 0383 (Mid)
MEASURED OUTPUT POWER: 27.973 dBm = 0.627 W
MODULATION SIGNAL: FM (Internal)
DISTANCE: 3 meters
LIMIT: 43 + 10 $\log_{10}$ (W) = 40.97 dBc

FREQ. (MHz)	LEVEL (dBm)	POL (H/V)	(dBc)
1672.98	-43.98	V	71.9
2509.47	-43.38	V	71.3
3345.96	-46.68	V	74.6
4182.45	-54.18	V	82.1

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.4 AMPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 848.97 MHz
CHANNEL: 0799 (High)
MEASURED OUTPUT POWER: 27.973 dBm = 0.627 W
MODULATION SIGNAL: FM (Internal)
DISTANCE: 3 meters
LIMIT: 43 + 10 $\log_{10}$ (W) = 40.97 dBc

FREQ. (MHz)	RAW LEVEL (dBm)	POL (H/V)	(dBc)
1697.94	-43.28	V	71.2
2546.91	-43.18	V	71.1
3395.88	-46.58	V	74.5
4244.85	-53.28	V	81.2

NOTES:

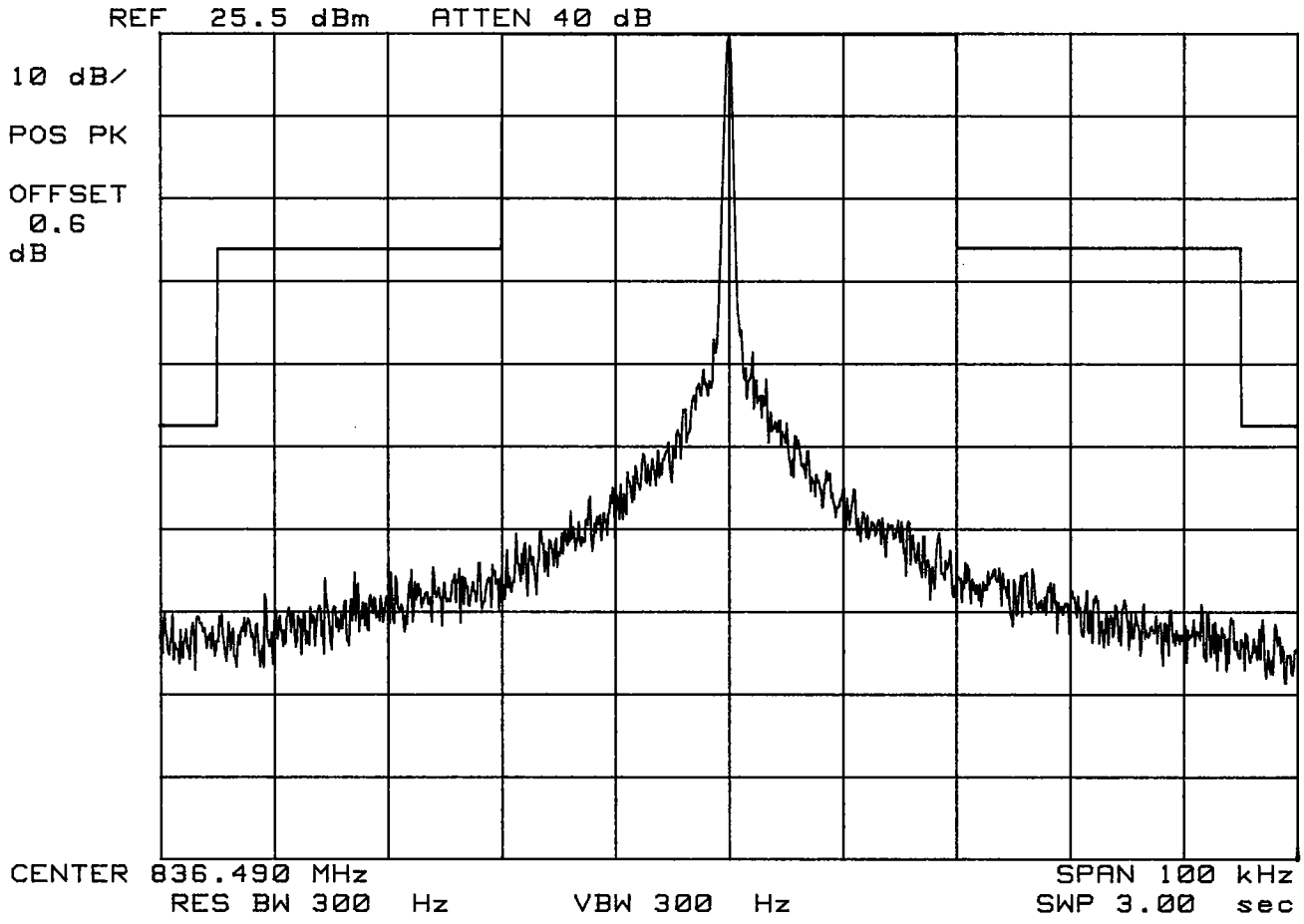
Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H
SANYO
Dual-Band Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:Unmodulated Signal

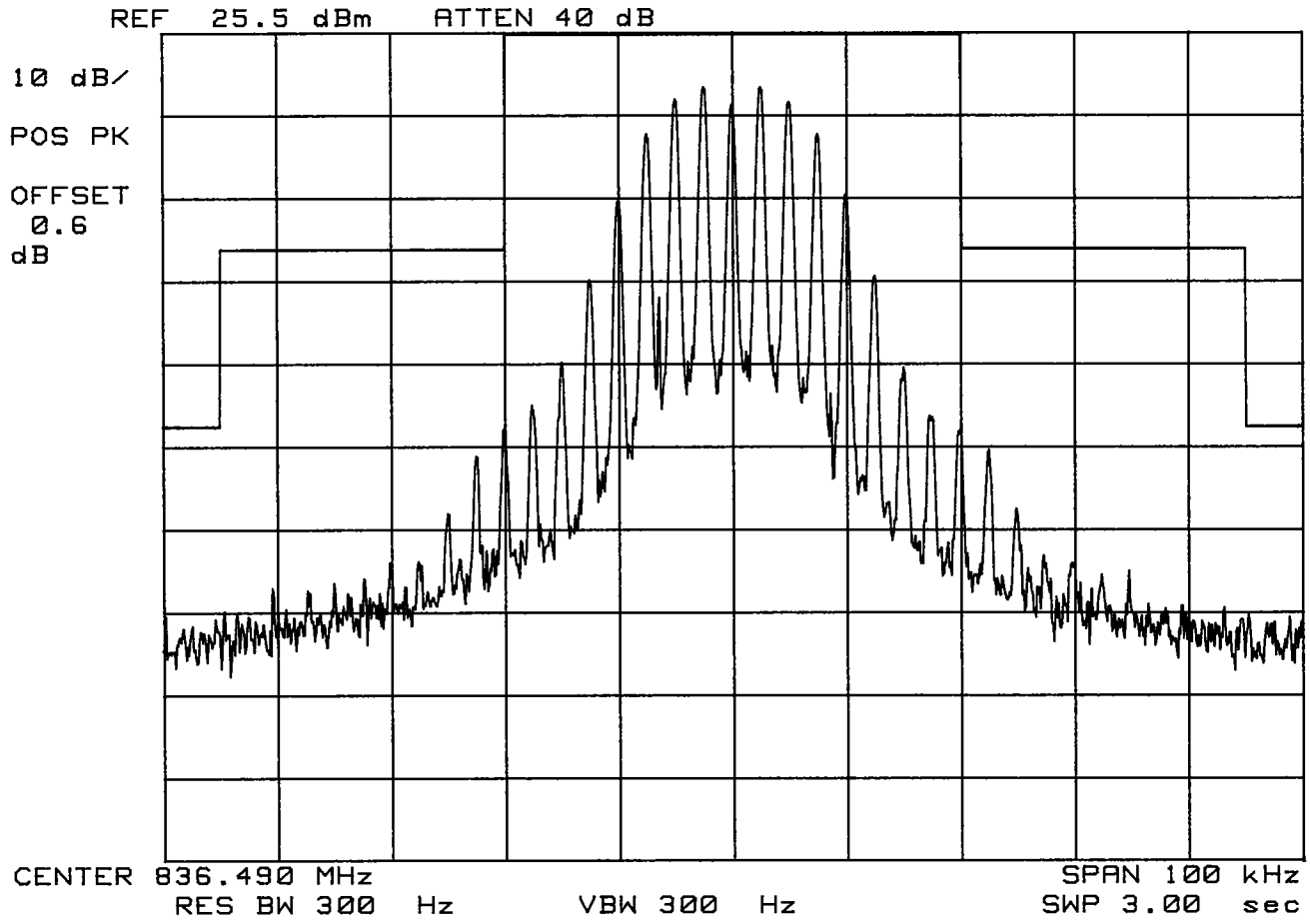


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H
SANYO
Dual-Band Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:Voice

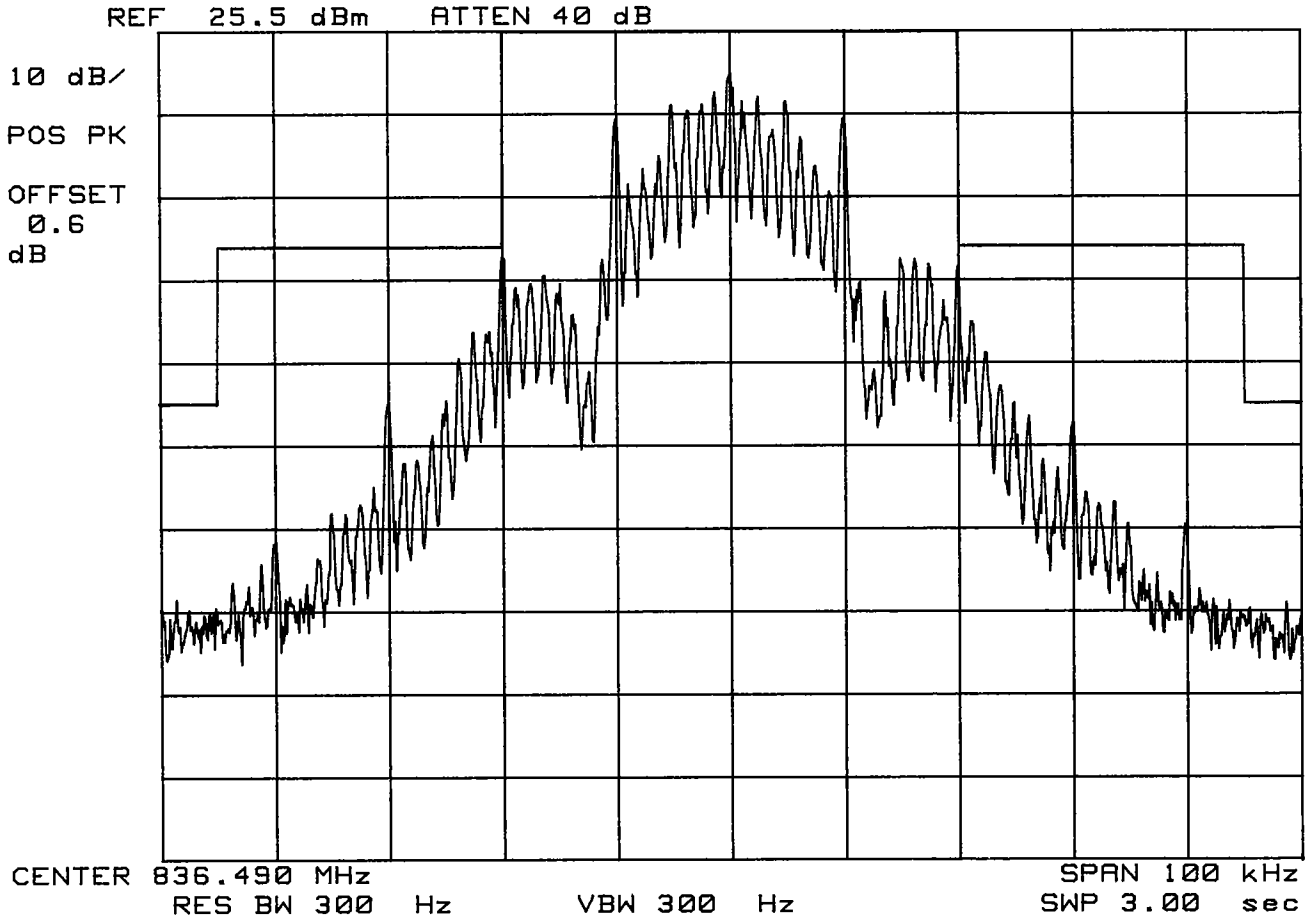


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H
SANYO
Dual-Band Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:Wide Band Data

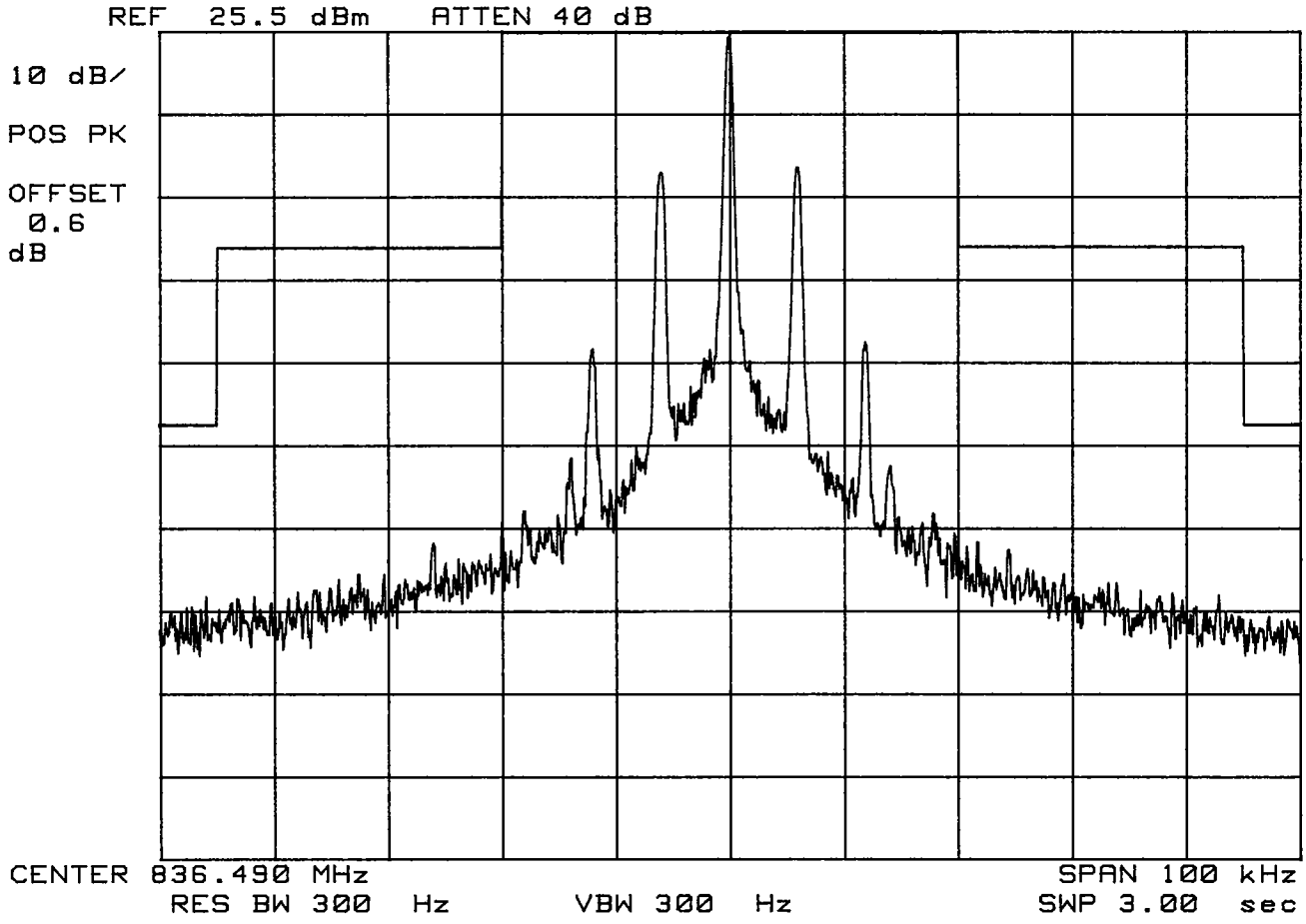


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H
SANYO
Dual-Band Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:SAT

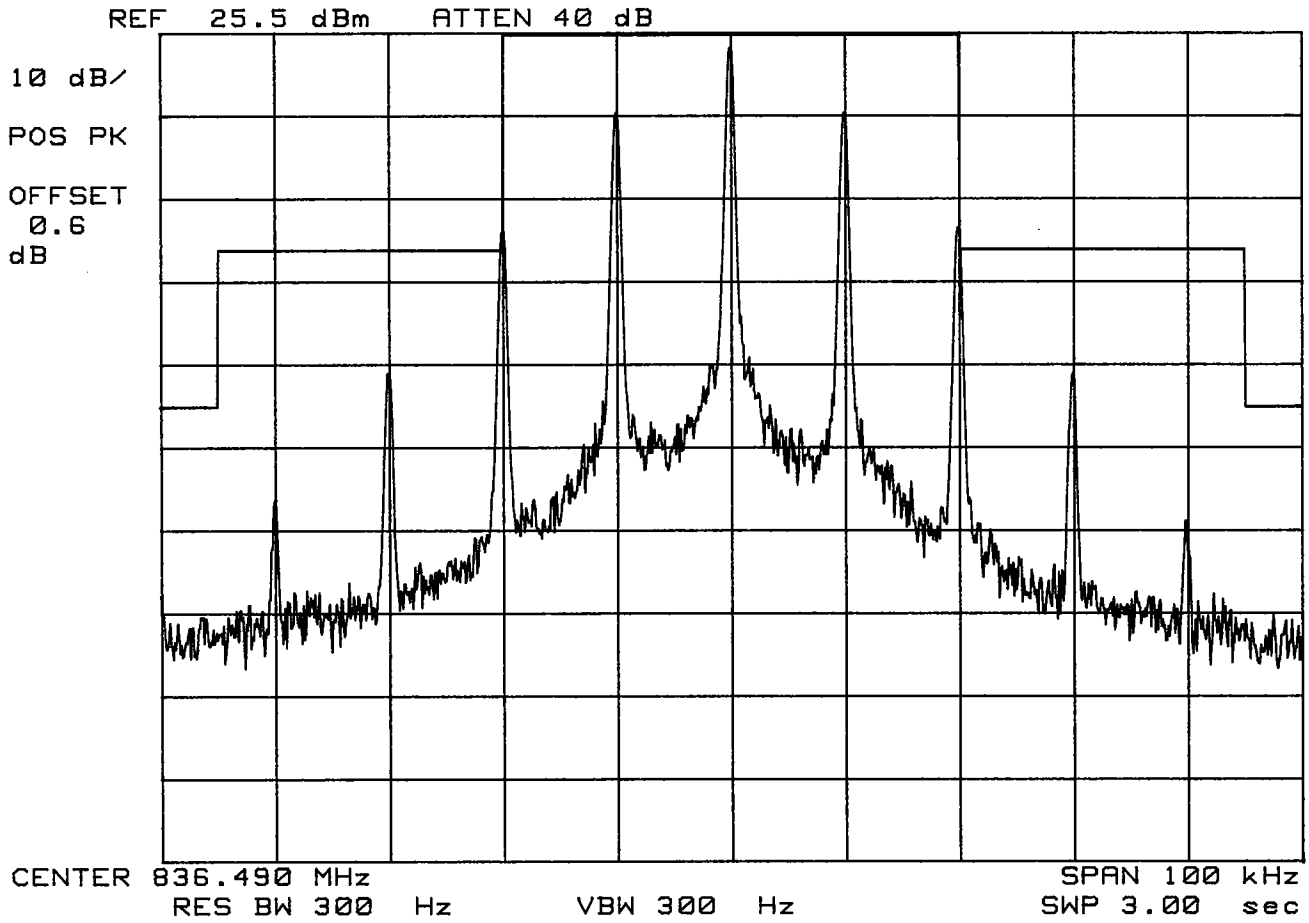


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H
SANYO
Dual-Band Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:ST

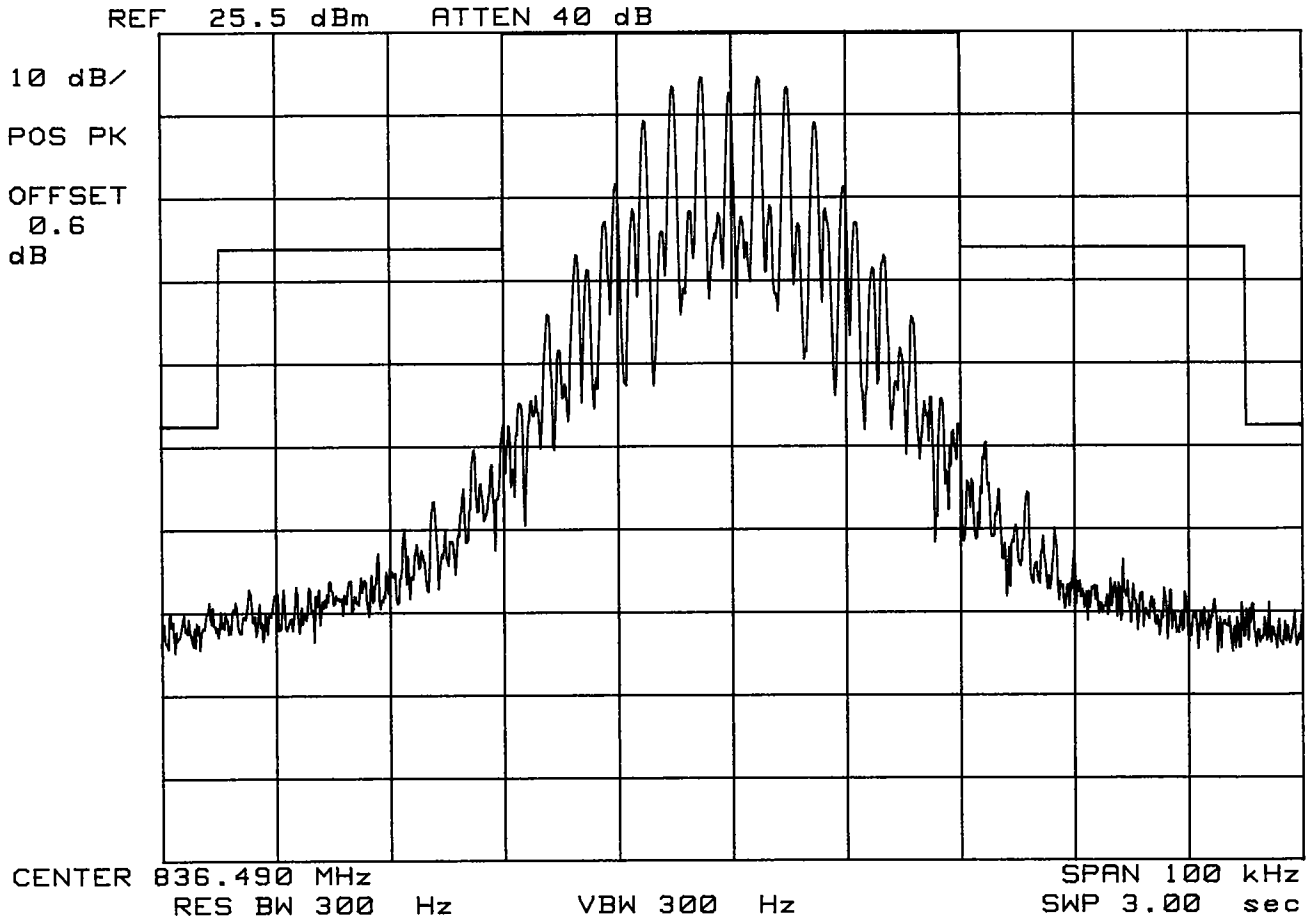


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H
SANYO
Dual-Band Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:SAT + Voice

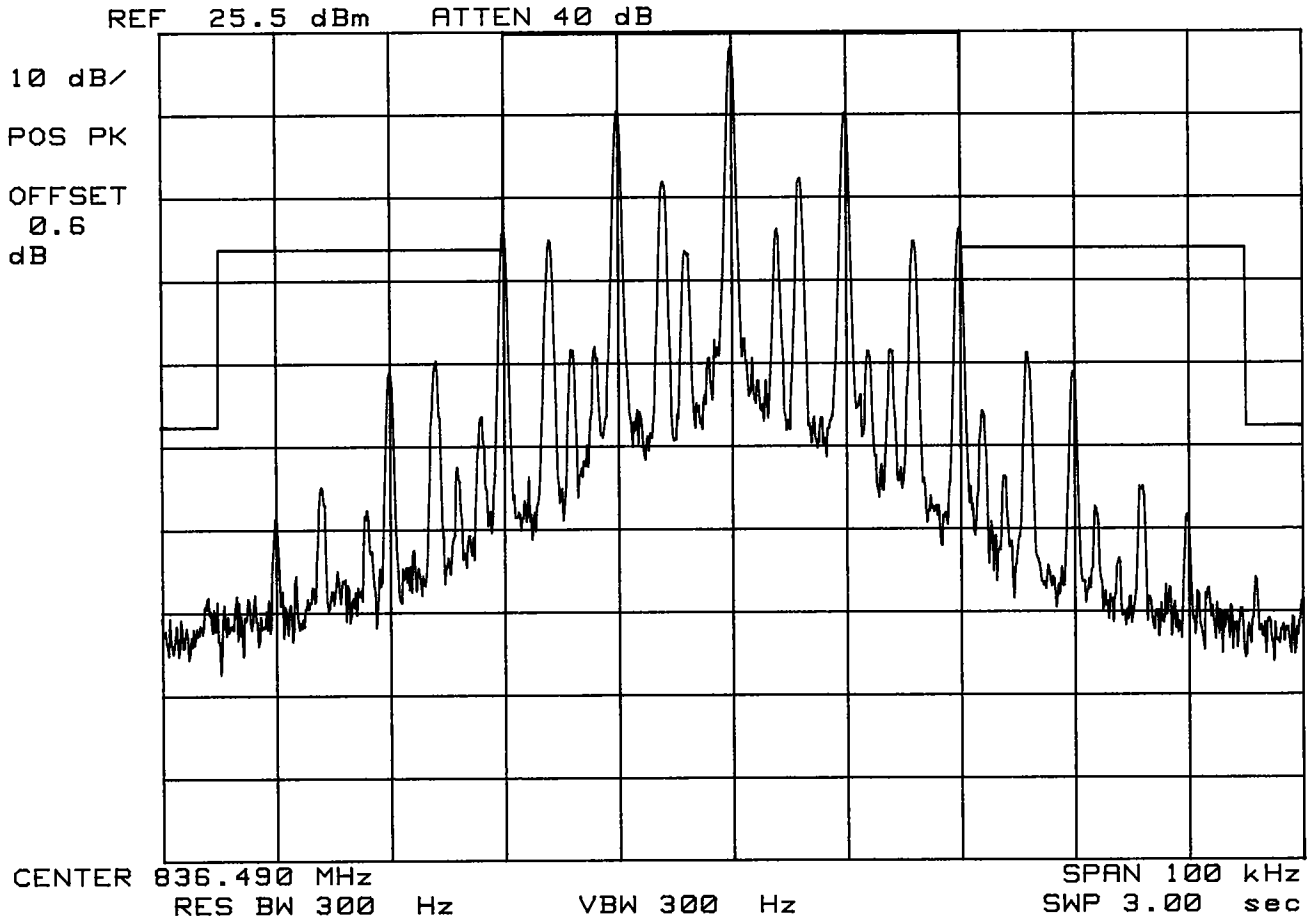


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H
SANYO
Dual-Band Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:SAT + ST

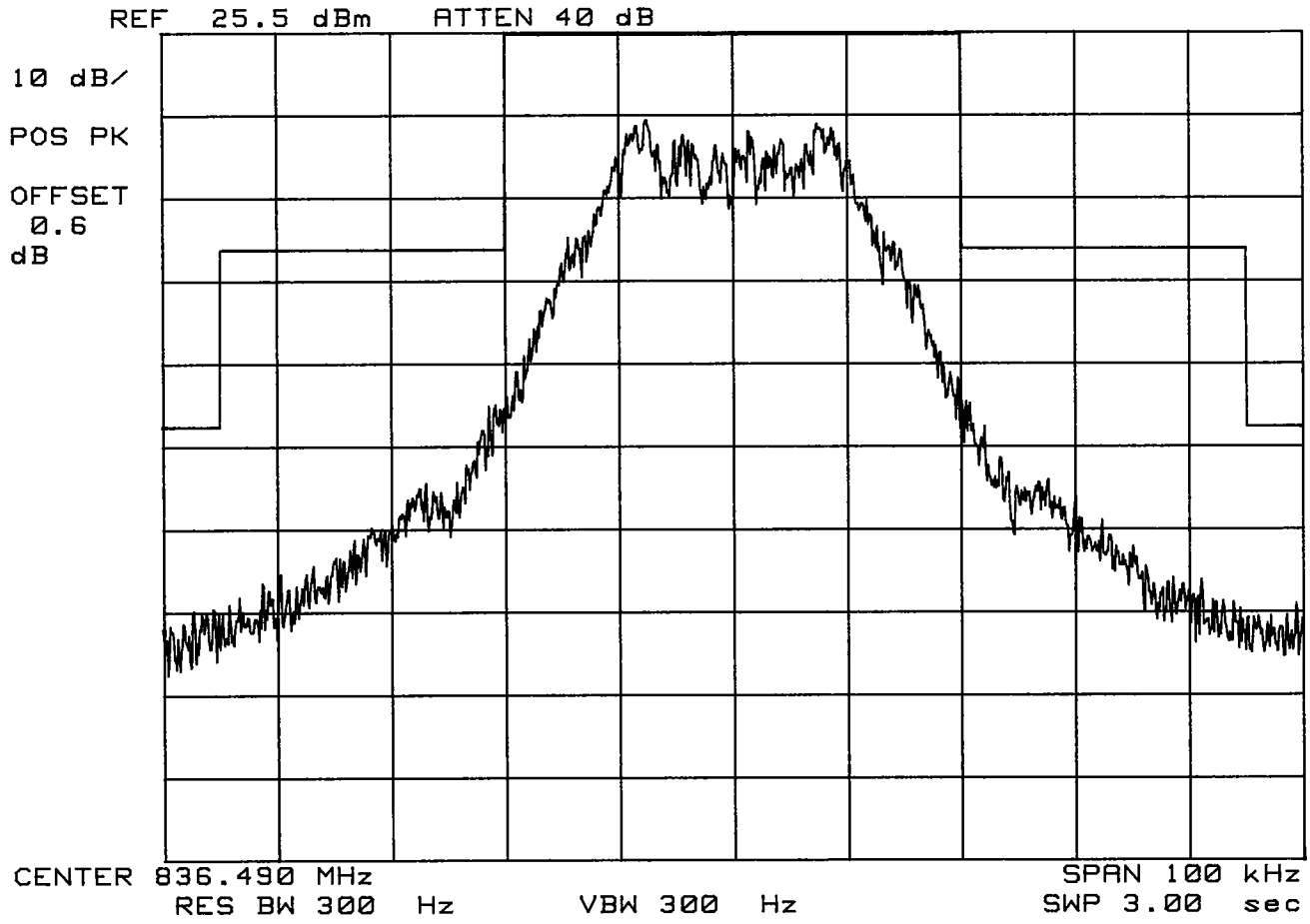


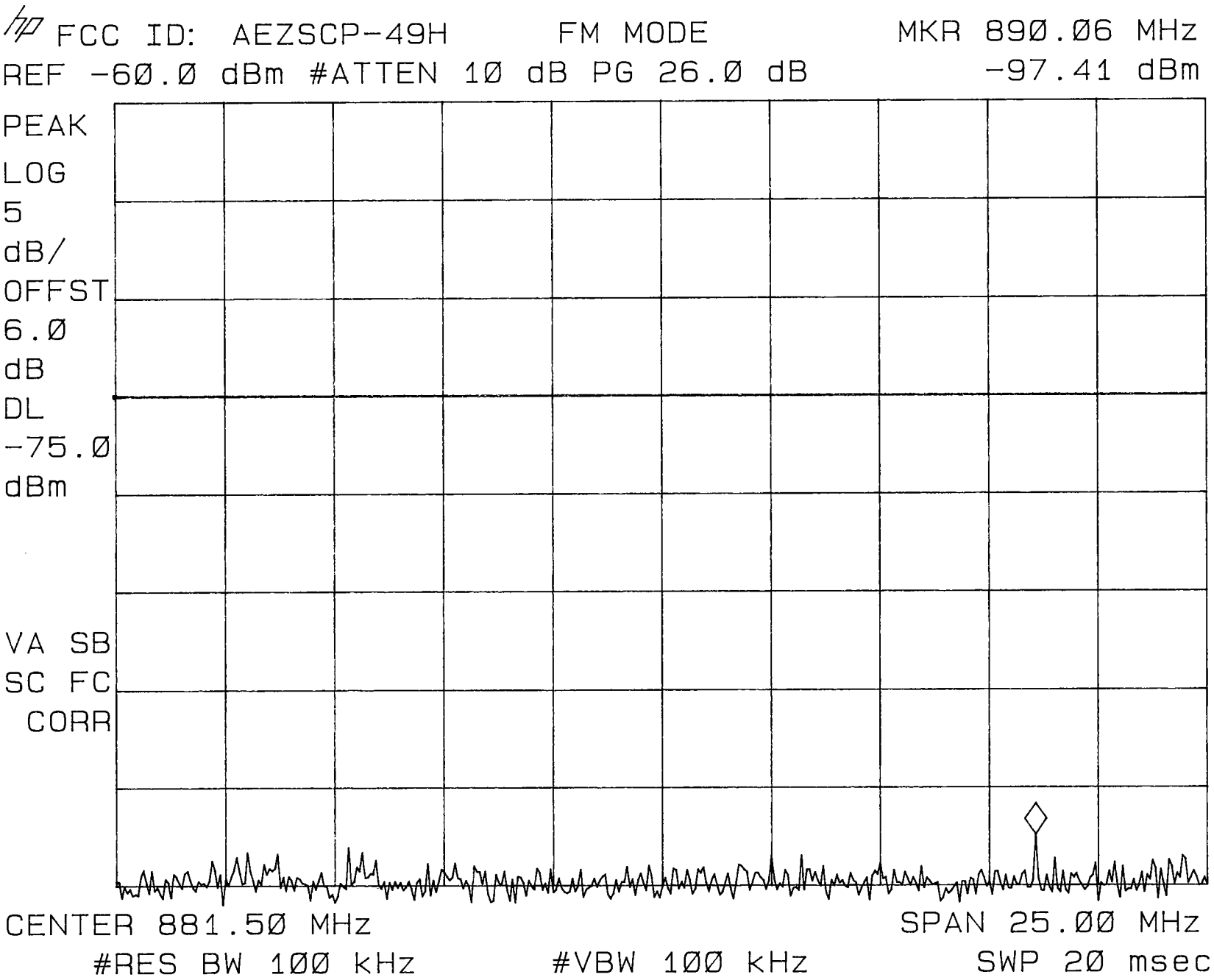
PCTEST Engineering Lab.

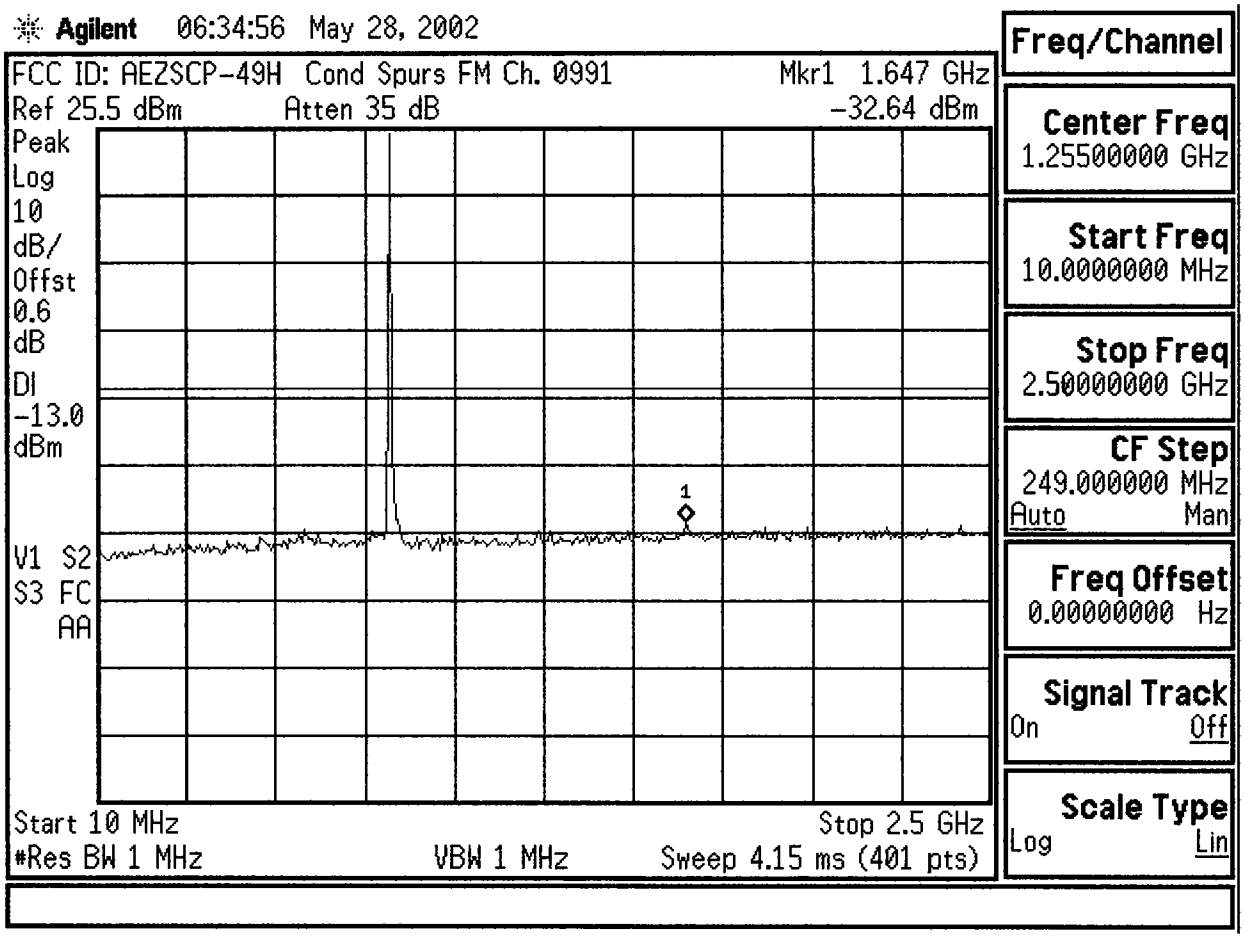
SPECTRUM ANALYZER PRESENTATION

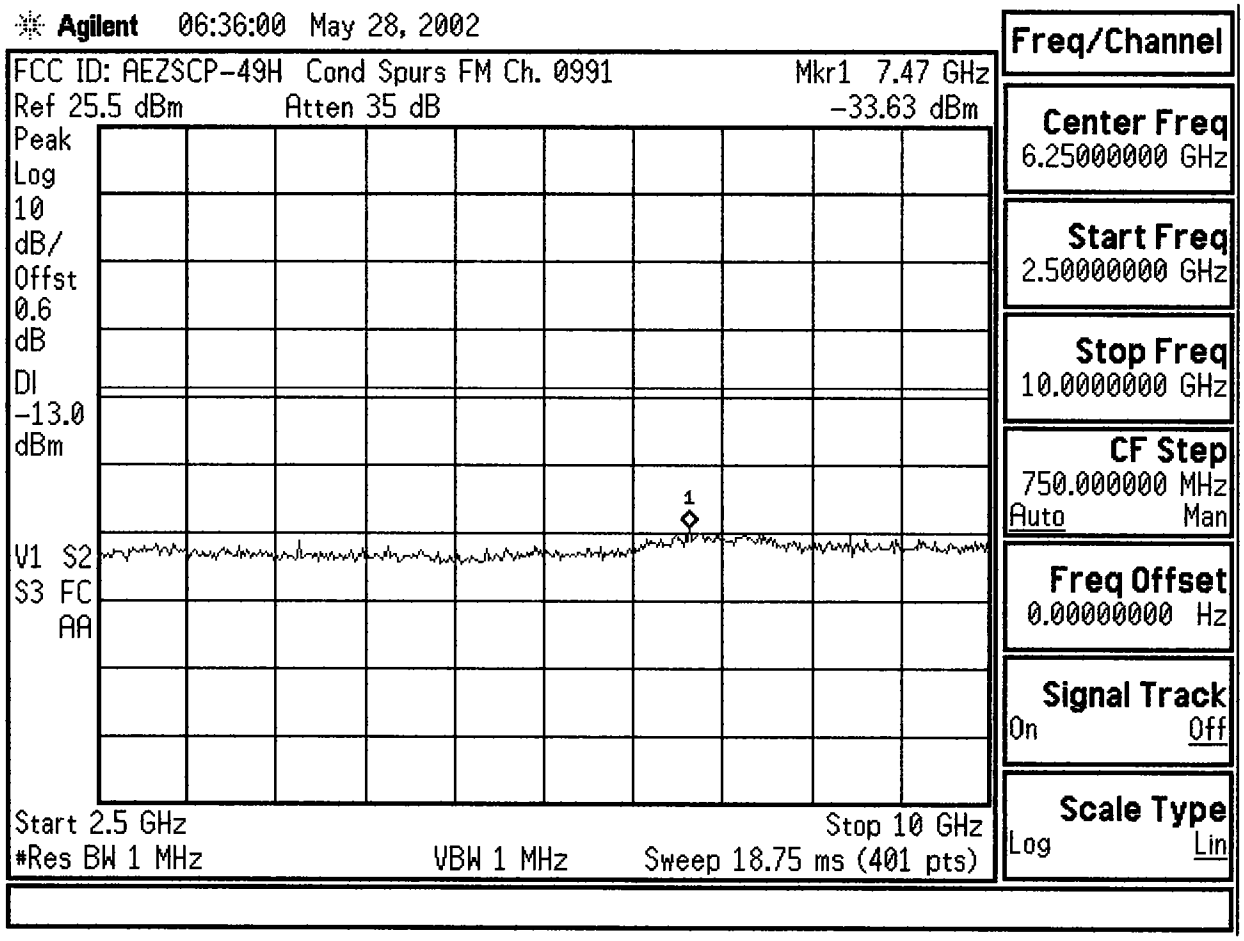
FCC ID:AEZSCP-49H
SANYO
Dual-Band Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

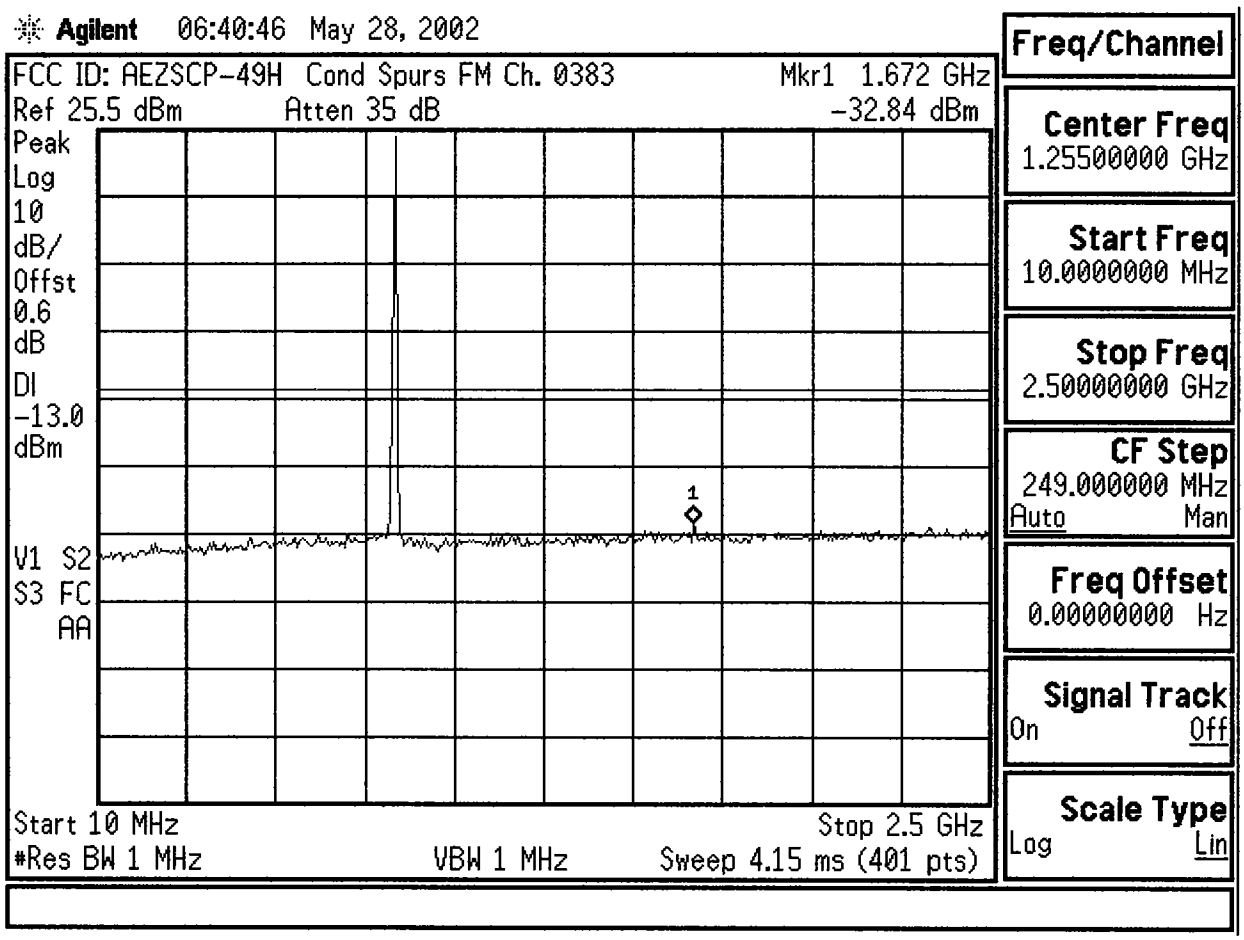
Test Mode:SAT + DTMF

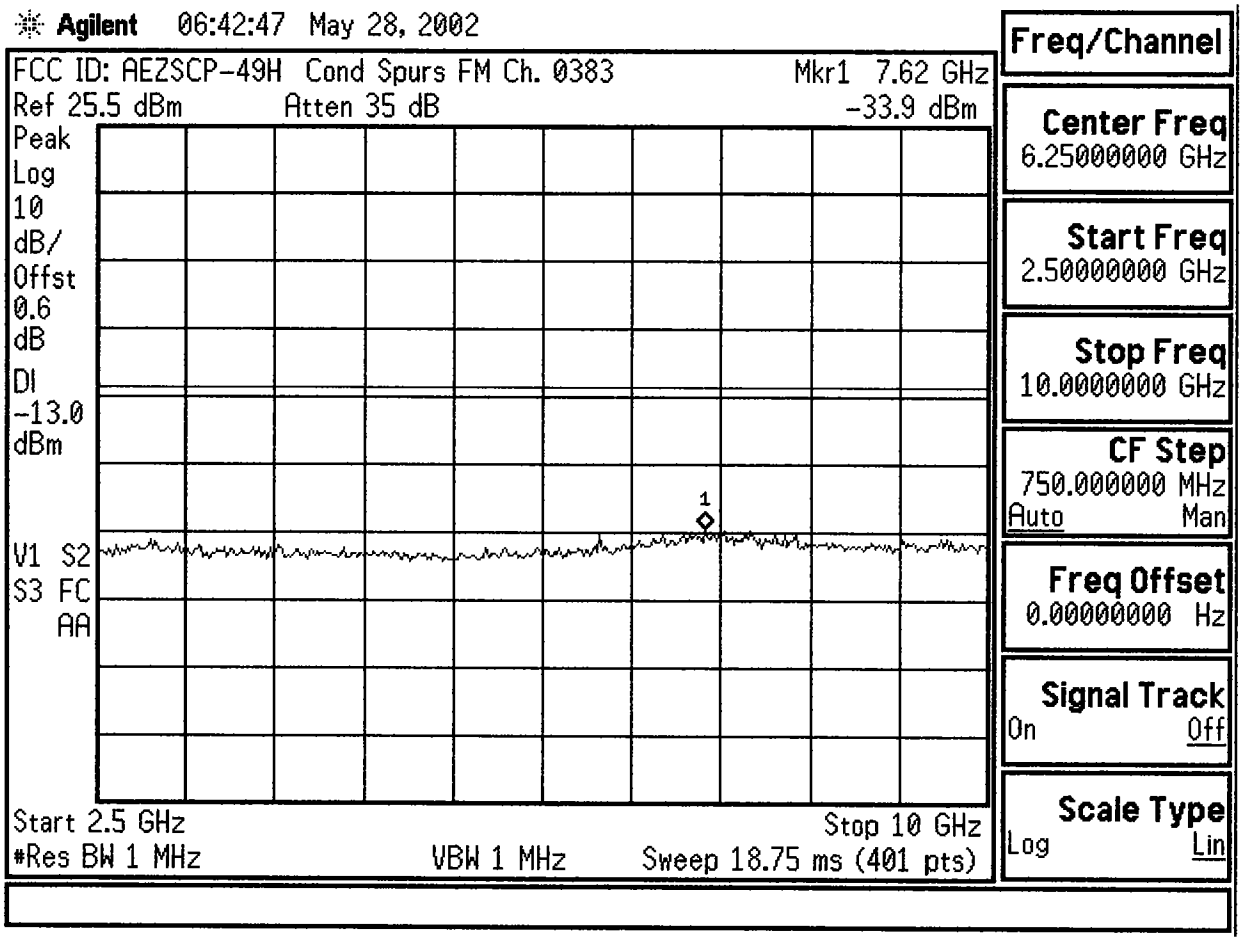


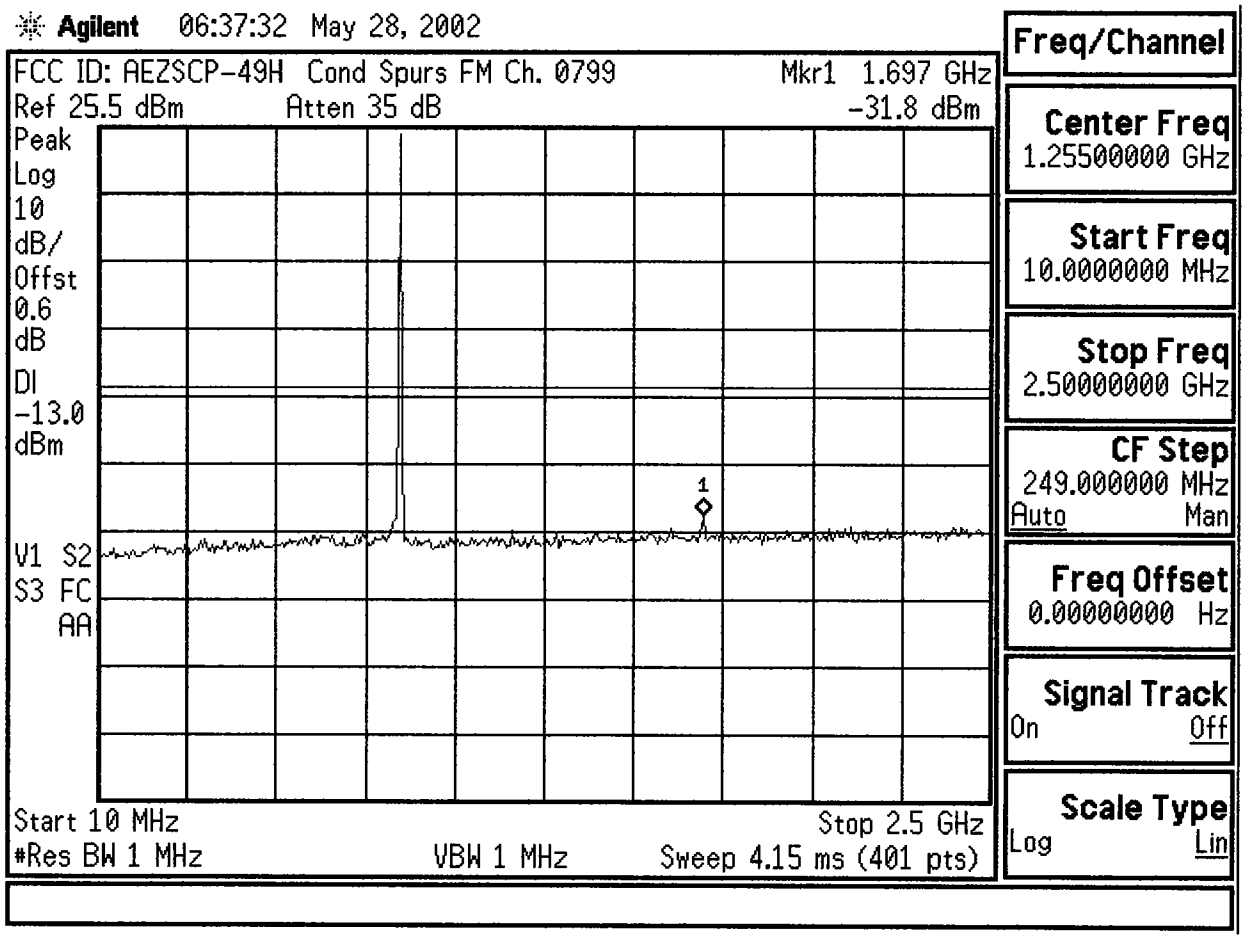

FCC ID: AEZSCP-49H
FM MODE
MKR 890.06 MHz
REF -60.0 dBm #ATTEN 10 dB PG 26.0 dB
-97.41 dBm
PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-75.0
dBm
VA SB
SC FC
CORR
CENTER 881.50 MHz
SPAN 25.00 MHz
#RES BW 100 kHz
#VBW 100 kHz
SWP 20 msec

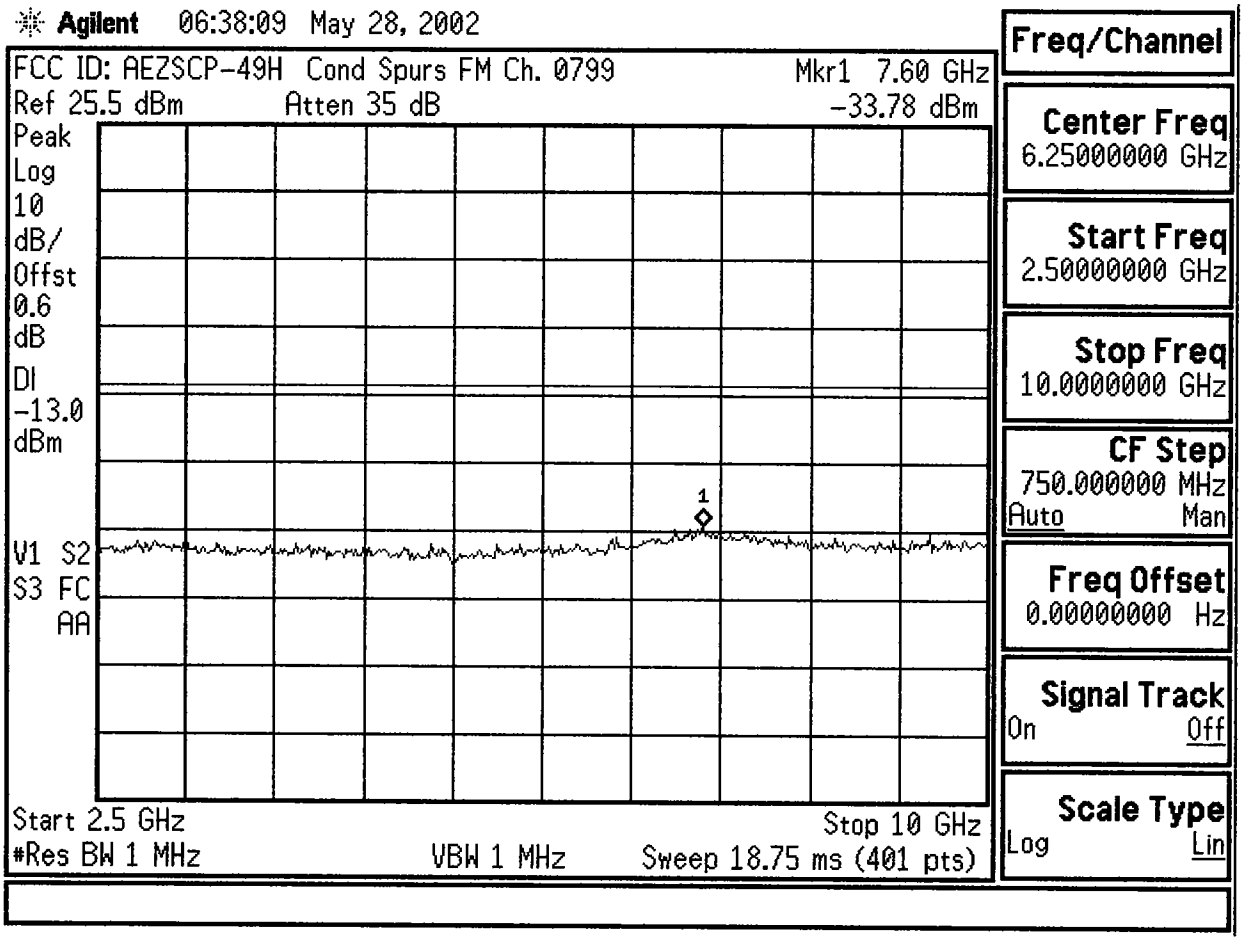

Agilent 06:34:56 May 28, 2002
FCC ID: AEZSCP-49H Cond Spurs FM Ch. 0991
Mkr1 1.647 GHz
Ref 25.5 dBm
Atten 35 dB
-32.64 dBm
Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
1
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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 06:36:00 May 28, 2002
FCC ID: AEZSCP-49H Cond Spurs FM Ch. 0991
Mkr1 7.47 GHz
Ref 25.5 dBm
Atten 35 dB
-33.63 dBm
Peak
Log
10
dB/
Offst
0.6
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 (401 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 06:40:46 May 28, 2002
FCC ID: AEZSCP-49H Cond Spurs FM Ch. 0383
Mkr1 1.672 GHz
Ref 25.5 dBm
Atten 35 dB
-32.84 dBm
Peak
Log
10
dB/
Offst
0.6
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 4.15 ms (401 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 06:42:47 May 28, 2002
FCC ID: AEZSCP-49H Cond Spurs FM Ch. 0383
Mkr1 7.62 GHz
Ref 25.5 dBm
Atten 35 dB
-33.9 dBm
Peak
Log
10
dB/
Offst
0.6
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 (401 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 06:37:32 May 28, 2002
FCC ID: AEZSCP-49H Cond Spurs FM Ch. 0799
Mkr1 1.697 GHz
Ref 25.5 dBm
Atten 35 dB
-31.8 dBm
Peak
Log
10
dB/
Offst
0.6
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 4.15 ms (401 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 06:38:09 May 28, 2002
FCC ID: AEZSCP-49H Cond Spurs FM Ch. 0799
Mkr1 7.60 GHz
Ref 25.5 dBm
Atten 35 dB
-33.78 dBm
Peak
Log
10
dB/
Offst
0.6
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 (401 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