



June 07, 1999

Test Results Graphs

The following graphs belong to test results of connected measurements on Base Channel 30, the file name is 9410power-connected.

The sequence of the graphs are:

- Bandwidth of channel main carrier in KHz according to 15.247(a.1.i).
- Power of main carrier according to 15.247(b.2).
- Power of and up to the 10th harmonic according to 15.209 and 15.247(c).

Field Strength Calculation*

According to explanation gave in duty cycle correct factor, done in file “test-avg-advice”, the final results would be obtained as follow:

$$FR = SR + CL + AF - DCF$$

Where:

FR : Final Result

SR: Spectrum Analyzer Reading

CL: Cable Loss

AF: Antenna Factor

DCF: Duty Cycle Factor

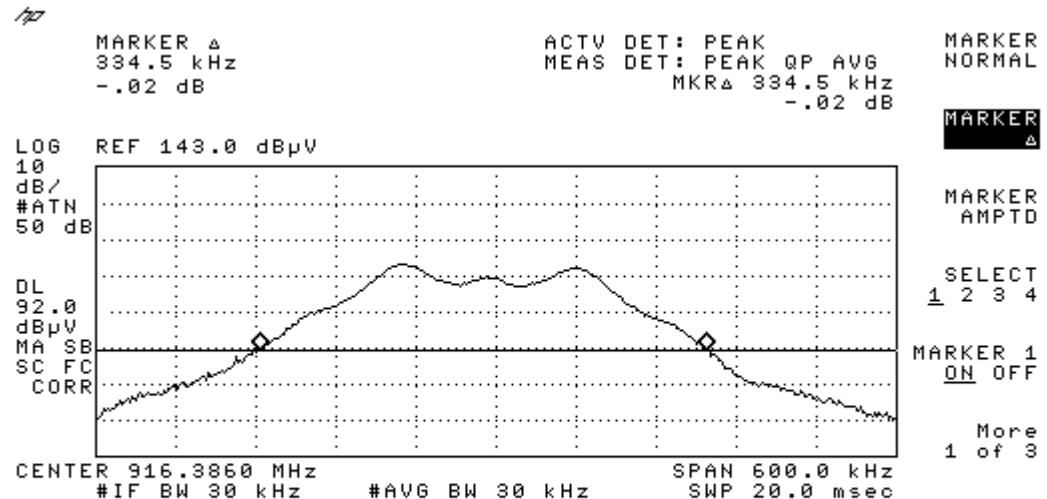
As an example a real result was extracted from file 9410power-connected.

SR	(+)CL	(+)AF	(-)DCF	= FR
113.29	0.54	0.0	26.00	87.83

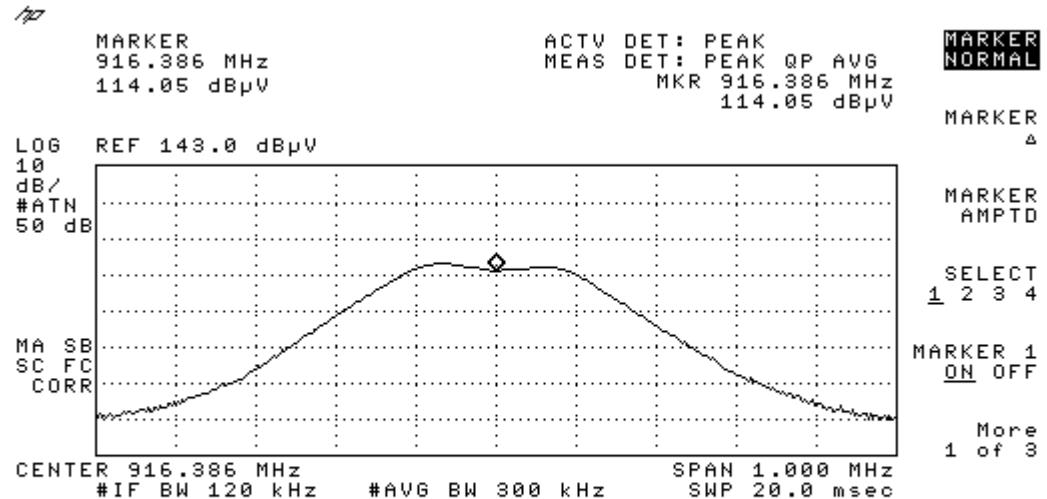
* Graph results are not affected by this final calculation, the graphs only shows the Spectrum Analyzer Reading.

Conducted Power Measurement at Antenna Port(s) 47 CFR 15.247(b)

Date:	June 01, 1999
EUT:	9410-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%



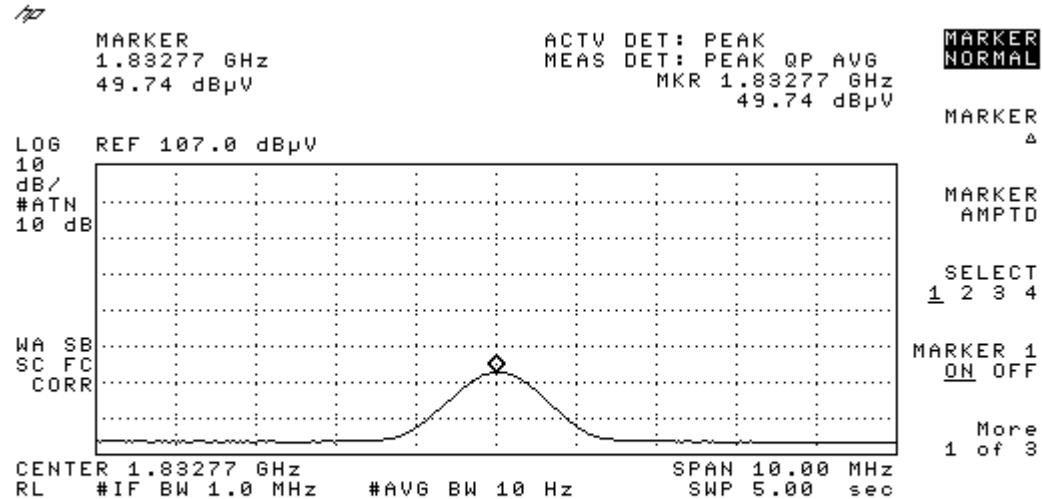
BASE POWER Channel 30



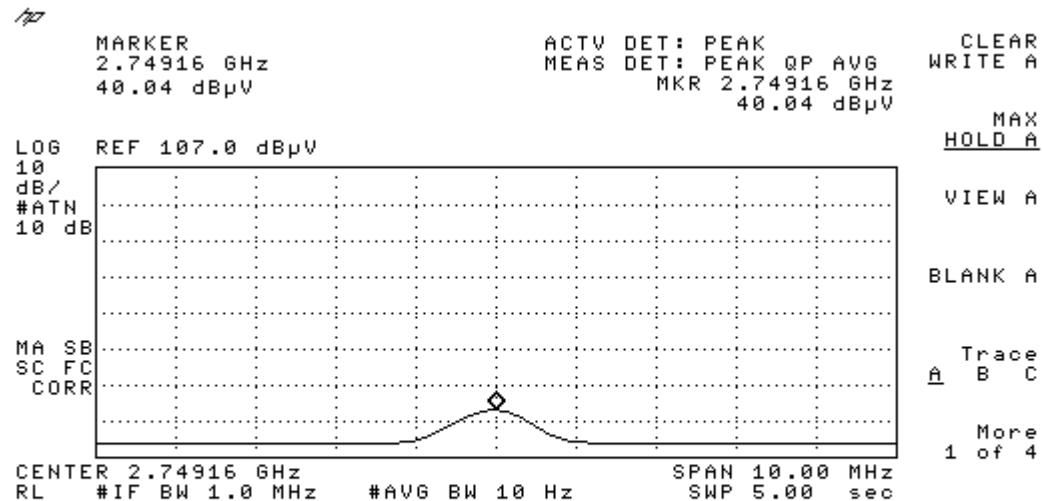
BASE 2th Harmonic Channel 30

Conducted Power Measurement at Antenna Port(s) 47 CFR 15.247(b)

Date:	June 01, 1999
EUT:	9410-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%



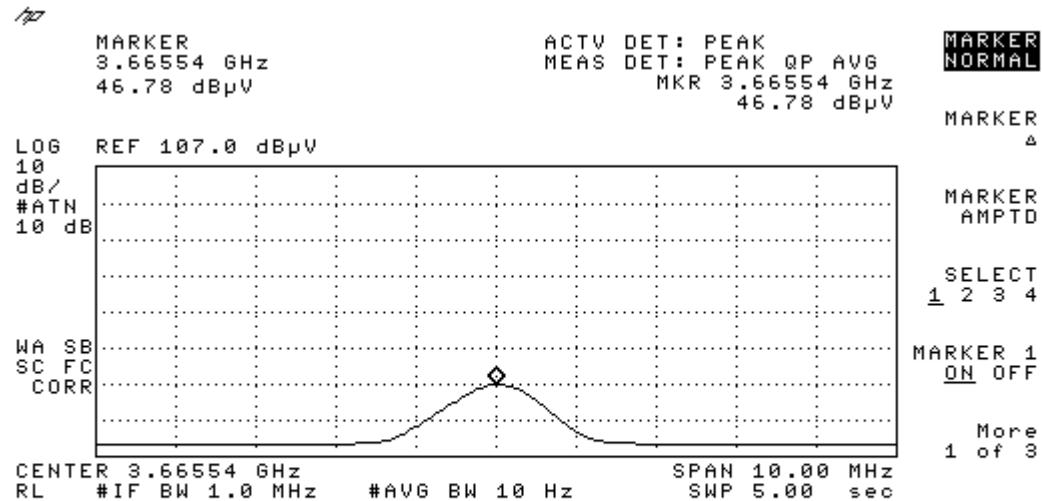
BASE 3th Harmonic Channel 30



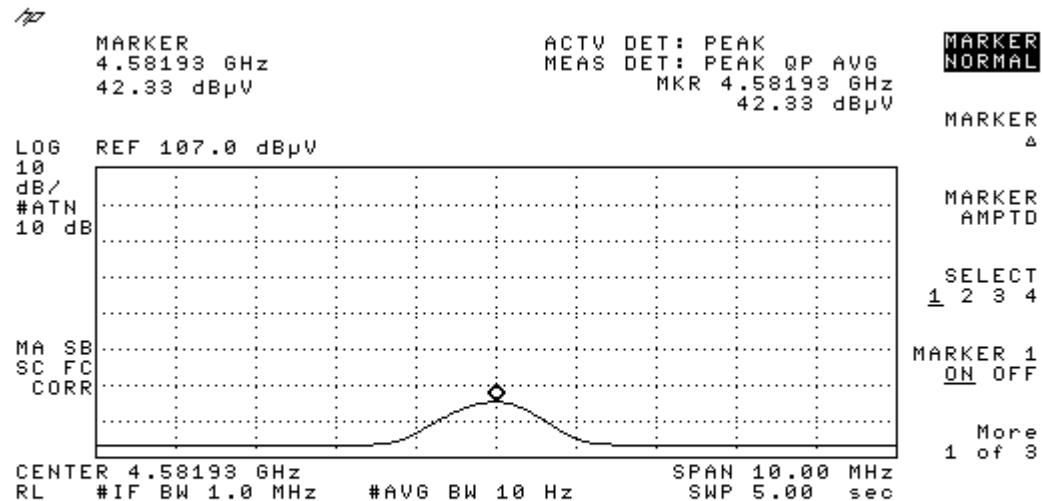
BASE 4th Harmonic Channel 30

Conducted Power Measurement at Antenna Port(s) 47 CFR 15.247(b)

Date:	June 01, 1999
EUT:	9410-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%



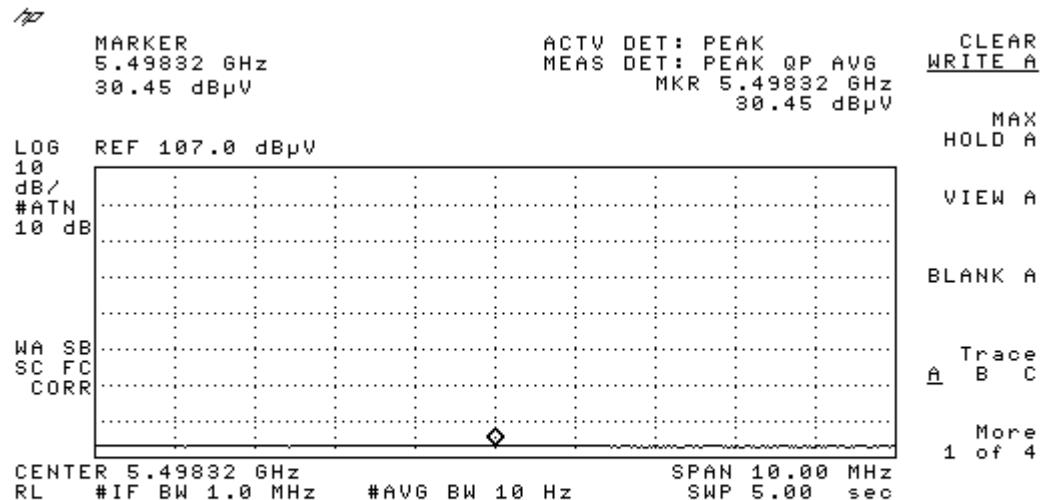
BASE 5th Harmonic Channel 30



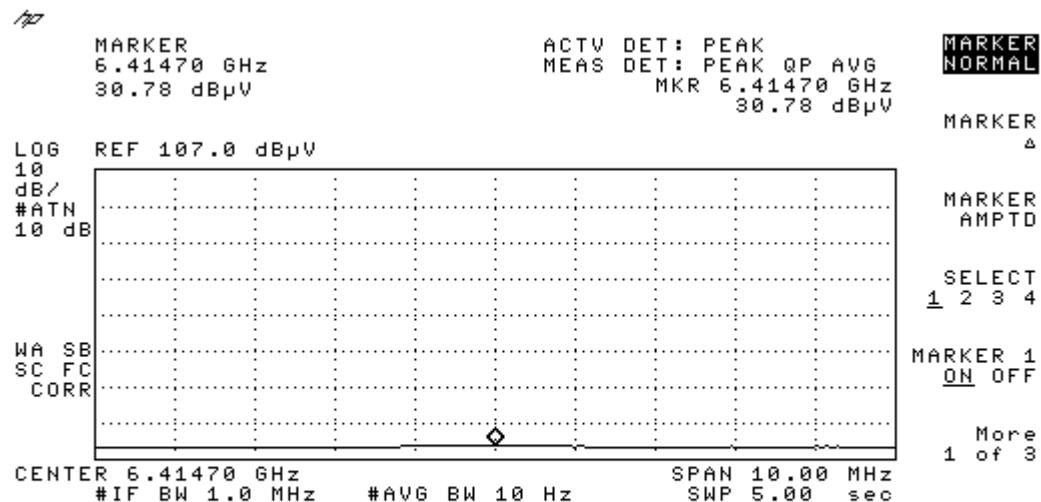
Conducted Power Measurement at Antenna Port(s) 47 CFR 15.247(b)

Date:	June 01, 1999
EUT:	9410-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%

BASE 6TH Harmonic Channel 30



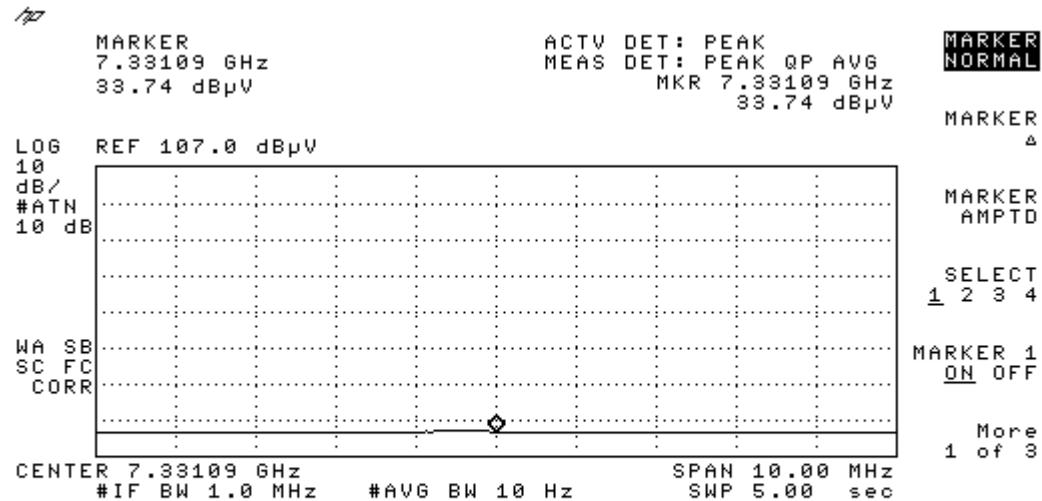
BASE 7TH Harmonic Channel 30



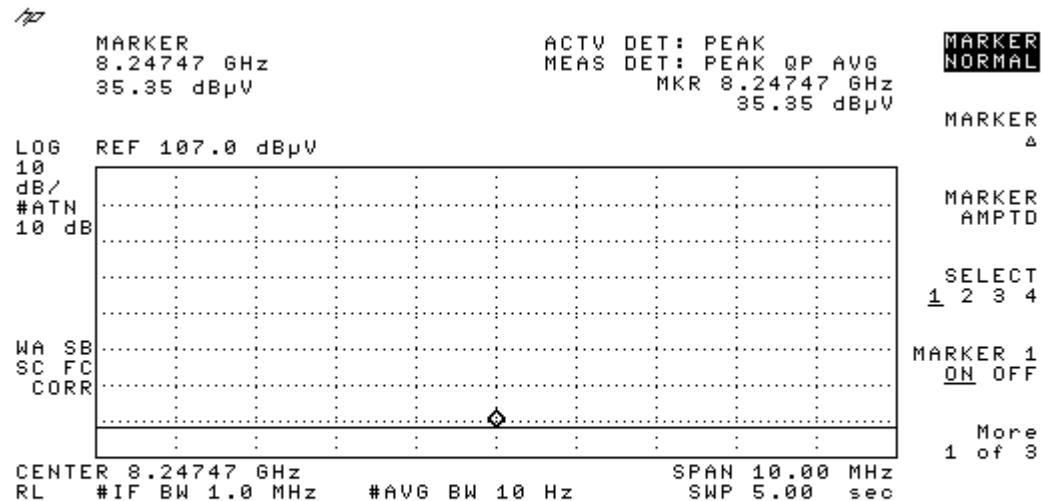
BASE 8TH Harmonic Channel 30

Conducted Power Measurement at Antenna Port(s) 47 CFR 15.247(b)

Date:	June 01, 1999
EUT:	9410-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%



BASE 9th Harmonic Channel 30



BASE 10th Harmonic Channel 30

Conducted Power Measurement at Antenna Port(s) 47 CFR 15.247(b)

Date:	June 01, 1999
EUT:	9410-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%

MARKER
9.16386 GHz
35.47 dB μ V

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 9.16386 GHz
35.47 dB μ V

MARKER
NORMAL

MARKER
△

MARKER
AMPTD

SELECT
1 2 3 4

MARKER 1
ON OFF

More
1 of 3

LOG REF 107.0 dB μ V

10
dB/
#ATN
10 dB

WA SB
SC FC
CORR

CENTER 9.16386 GHz
RL #IF BW 1.0 MHz #AVG BW 10 Hz

SPAN 10.00 MHz
SWP 5.00 sec