



June 2, 1999

## Test Results Graphs

The following graphs belong to test results of connected measurements on Handset Channel 60, the file name is 9520power-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 10<sup>th</sup> 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 9520power-connected.

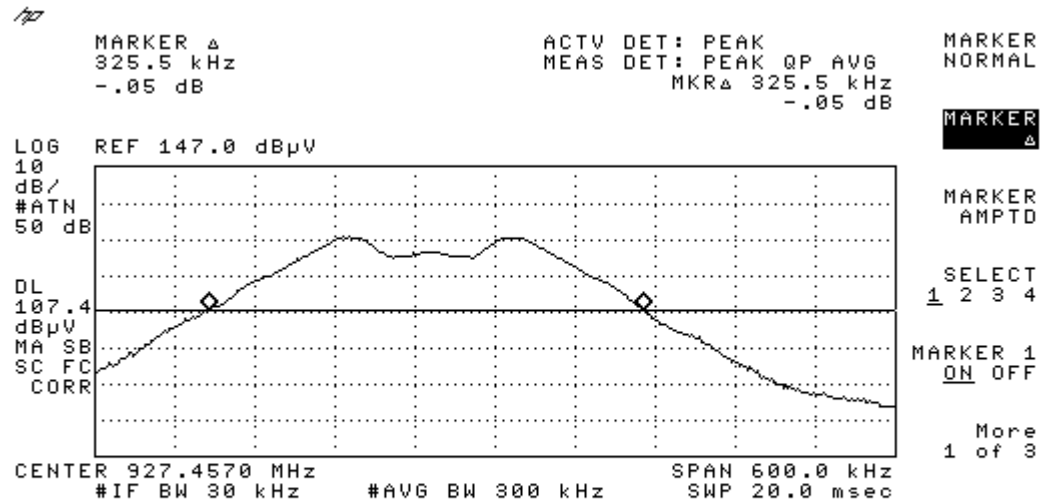
SR	(+)CL	(+)AF	(-)DCF	<b>= FR</b>
124.64	0.5	0.0	26.00	<b>99.14</b>

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

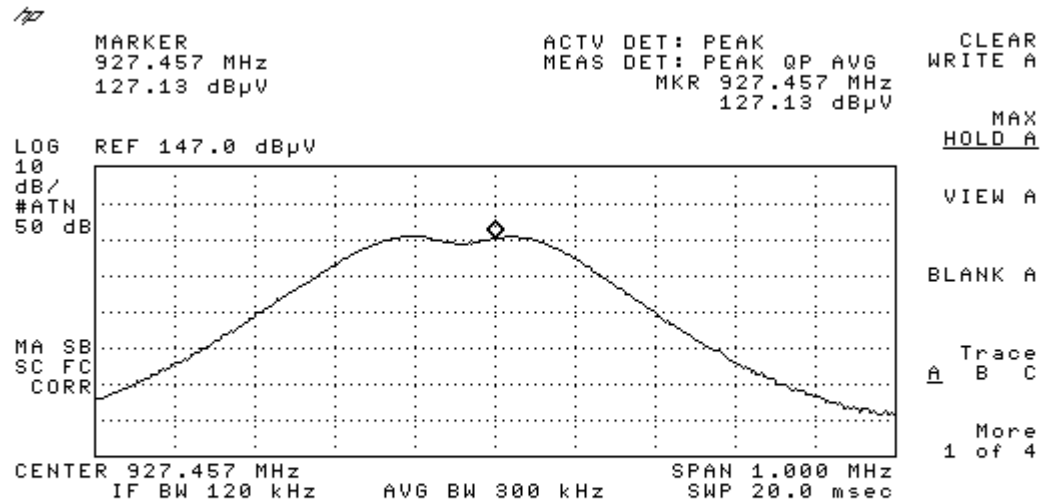
Conducted Power Measurement at Antenna Port(s) 47 CFR 15.247(b)

Date:	May 31, 1999
EUT:	9520-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%

HANDSET BW Channel 60



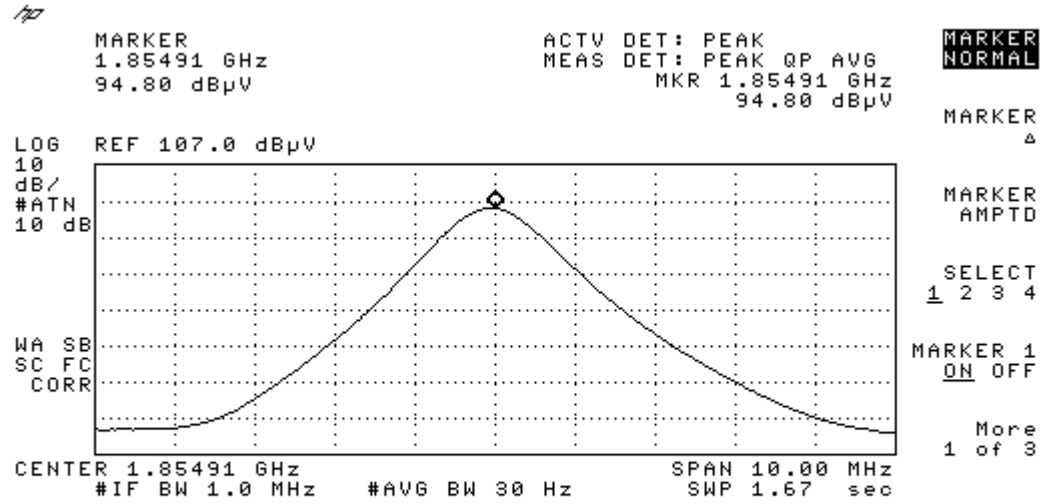
HANDSET POWER Channel 60



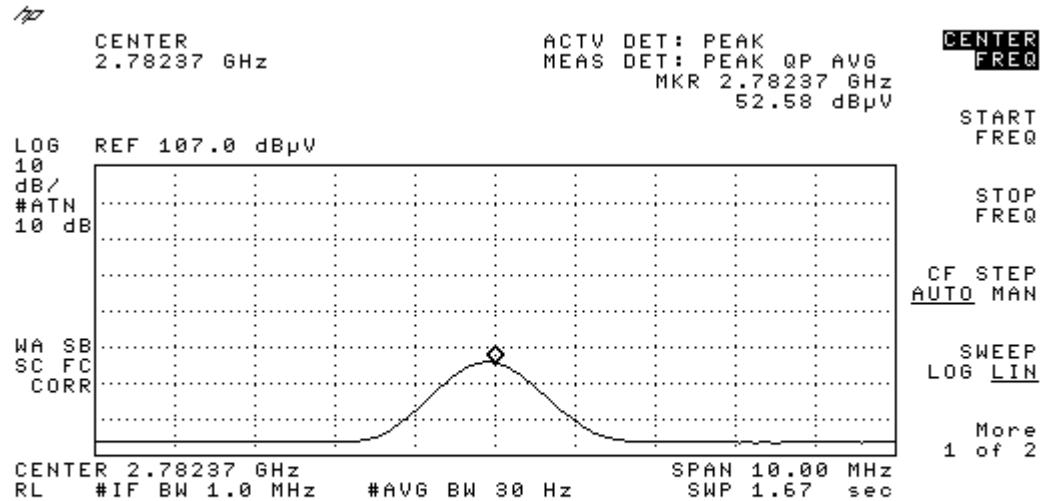
HANDSET 2th Harmonic, Channel 60

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

Date:	May 31, 1999
EUT:	9520-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%



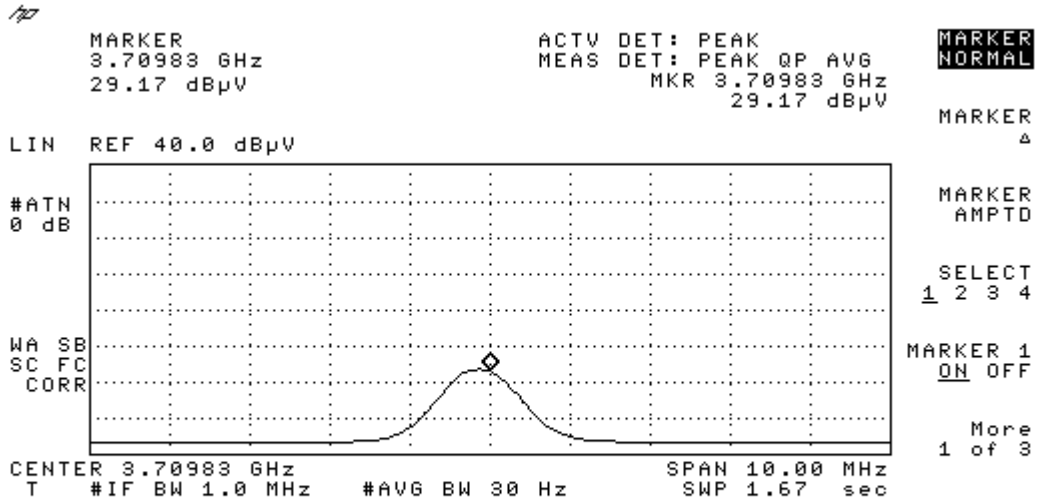
HANDSET 3th Harmonic, Channel 60



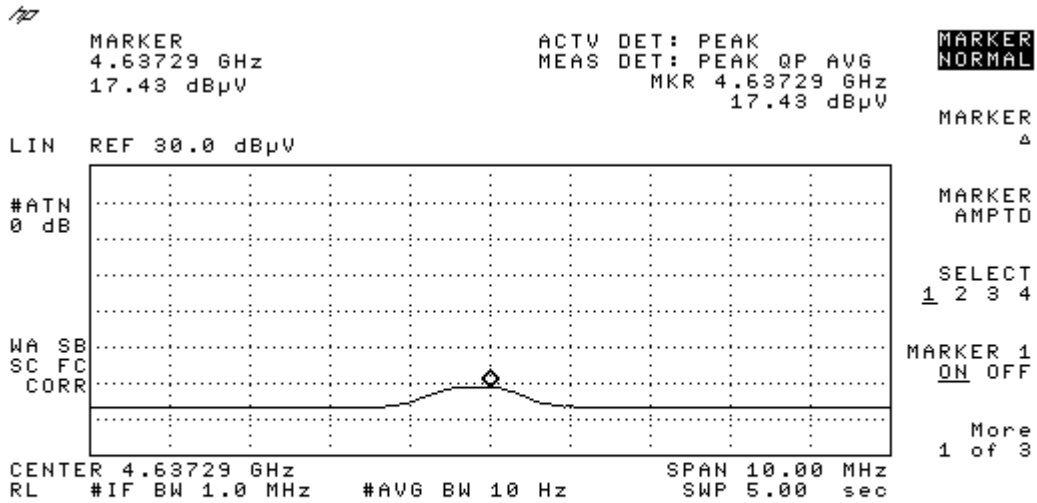
HANDSET 4<sup>th</sup> Harmonic, Channel 60

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

Date:	May 31, 1999
EUT:	9520-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%



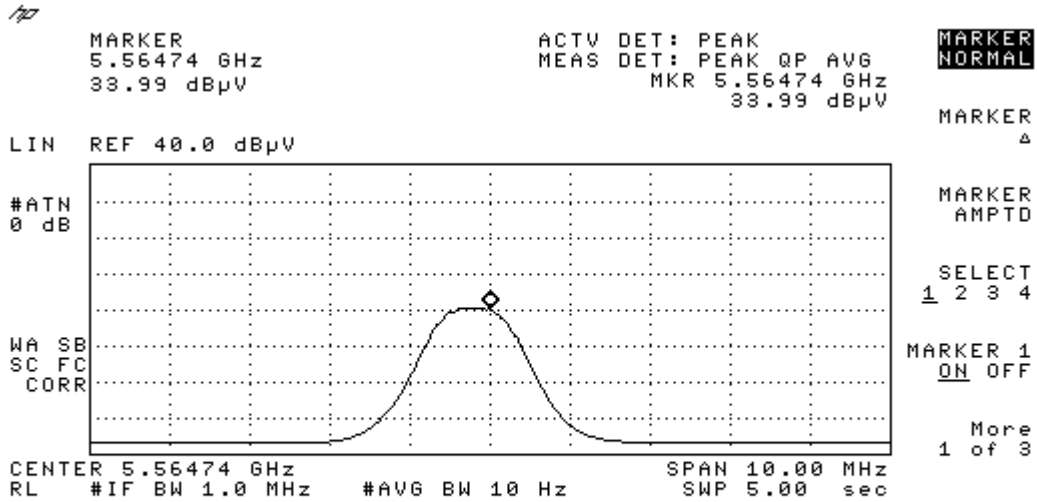
HANDSET 5<sup>th</sup> Harmonic, Channel 60



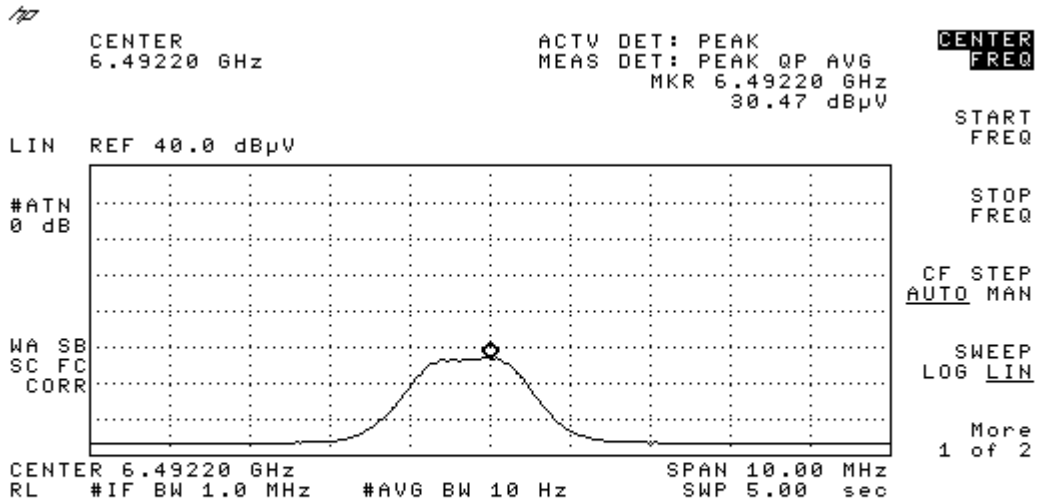
HANDSET 6<sup>TH</sup> Harmonic, Channel 60

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

Date:	May 31, 1999
EUT:	9520-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%



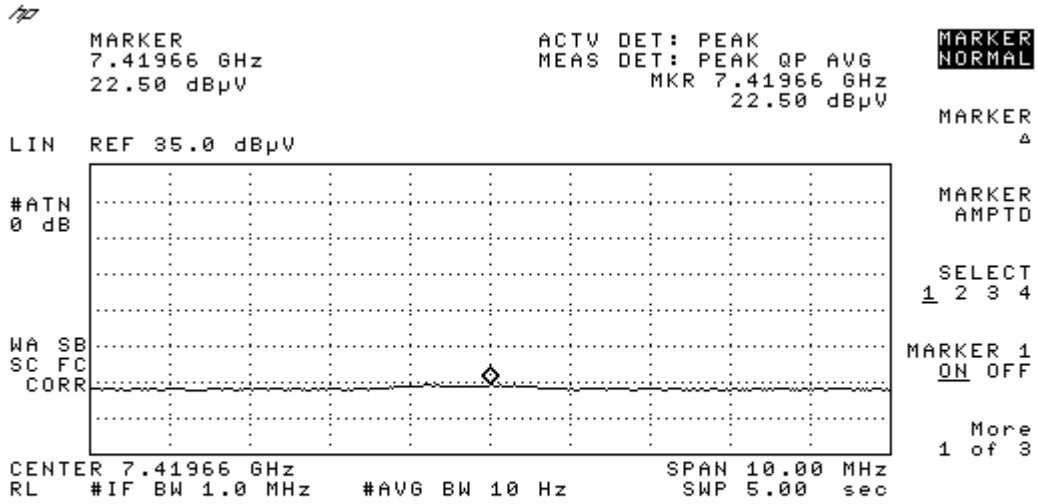
HANDSET 7<sup>th</sup> Harmonic, Channel 60



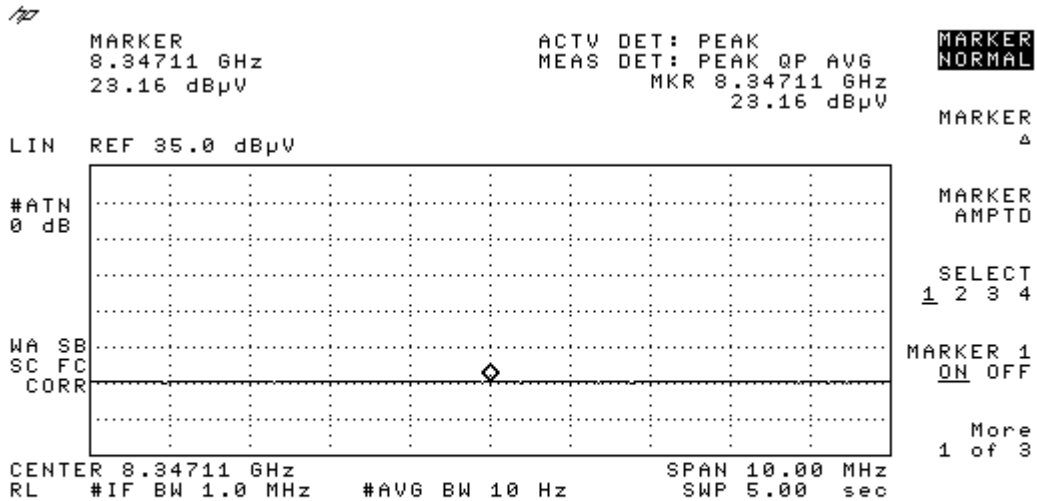
HANDSET 8<sup>TH</sup> Harmonic, Channel 60

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

Date:	May 31, 1999
EUT:	9520-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%



HANDSET 9<sup>th</sup> Harmonic, Channel 60



HANDSET 10<sup>th</sup> Harmonic, Channel 60

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

Date:	May 31, 1999
EUT:	9520-900MHz Spread Spectrum Frequency Hopping Cordless Telephone
Temperature:	23°C
Humidity:	25%

*17*

