



June 07, 1999

Test Results Graphs

The following graphs belong to test results of connected measurements on Handset Channel 1, 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

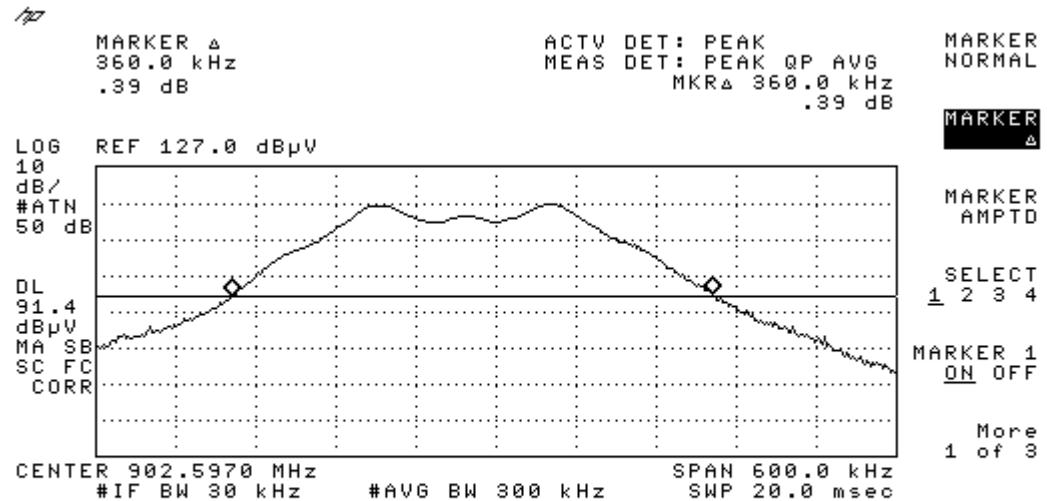
As an example a real result was extracted from file 9410power-connected.

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

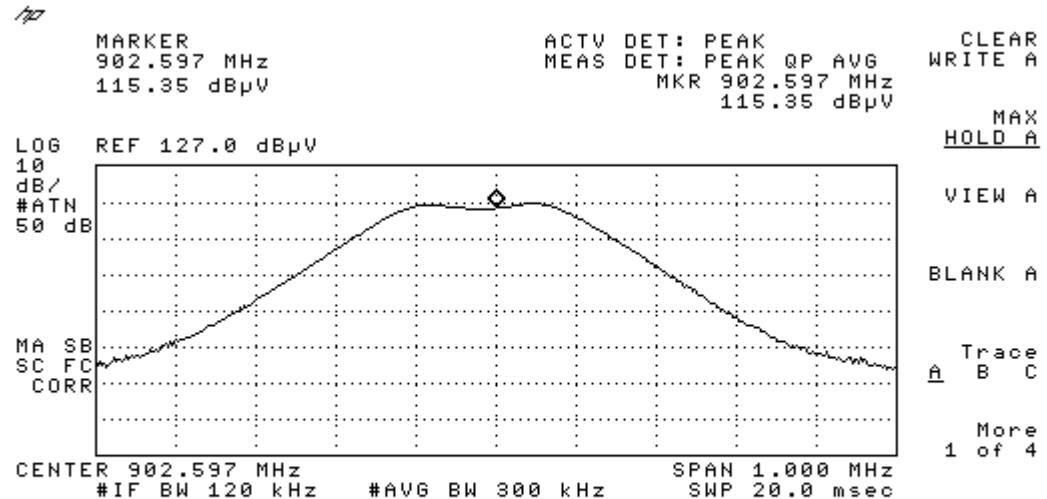
* Graph results are not affected by this final calculation, the graphs only shows the Spectrum Analyzer Reading.

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% |



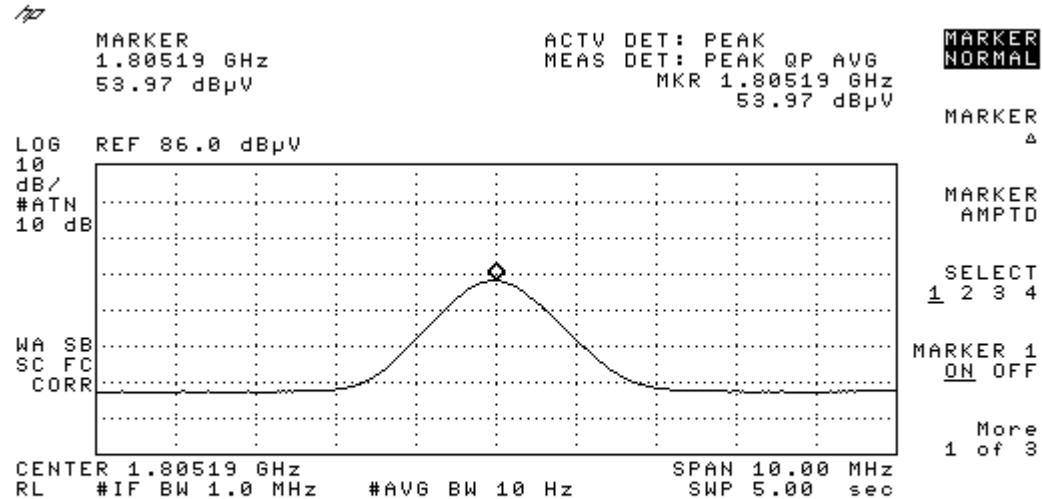
HANDSET POWER Channel 1



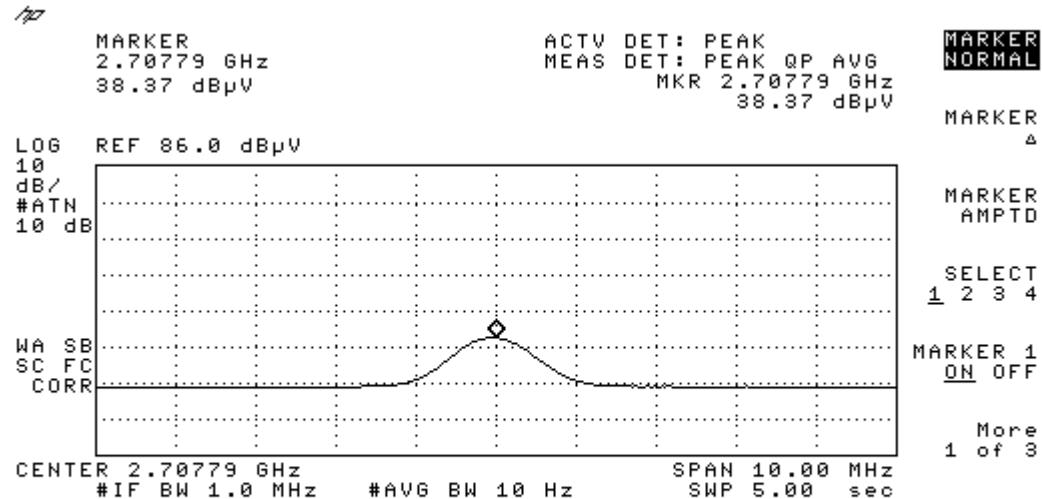
HANDSET 2th Harmonic Channel 1

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% |



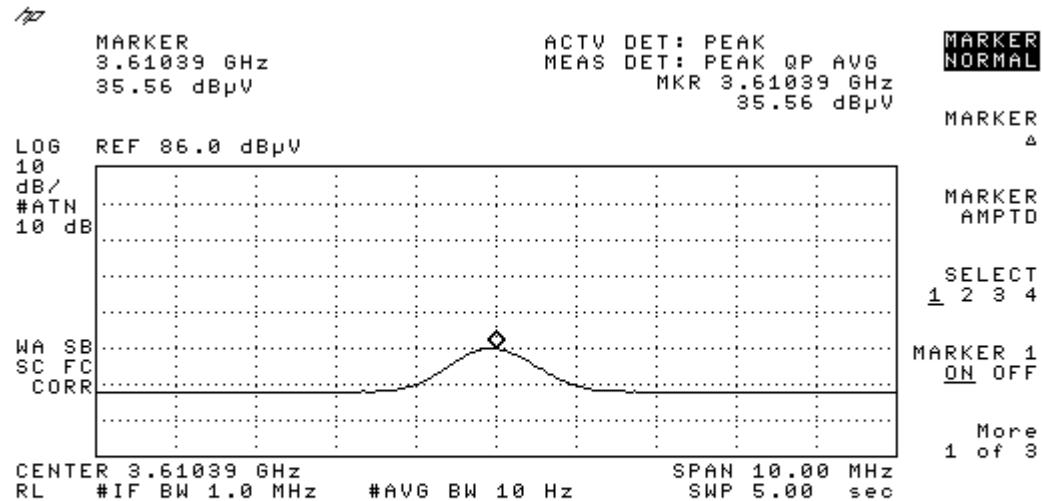
HANDSET 3th Harmonic Channel 1



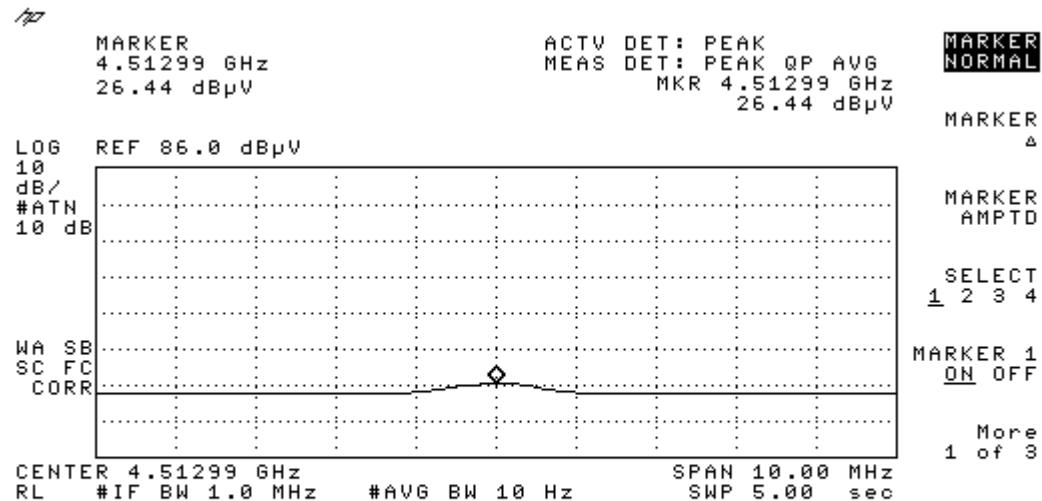
HANDSET 4th Harmonic Channel 1

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% |



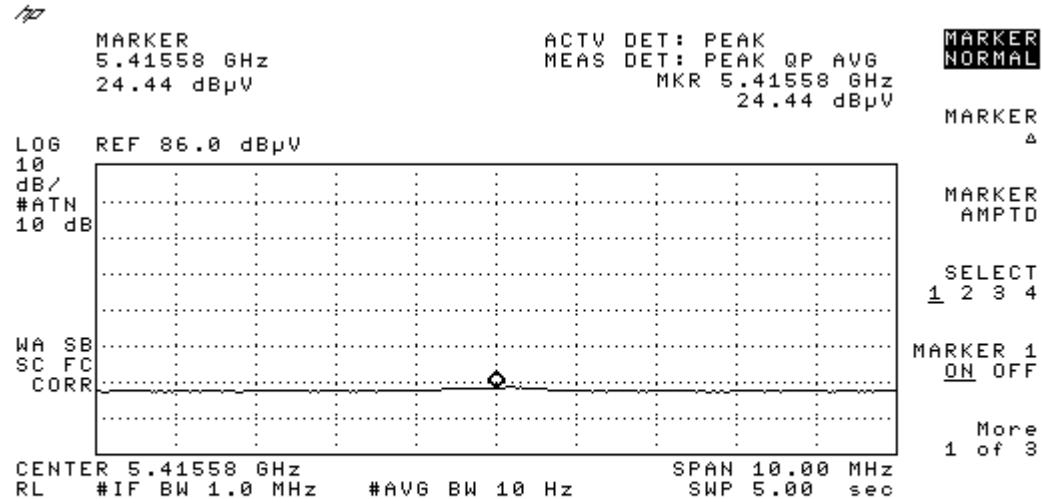
HANDSET 5th Harmonic Channel 1



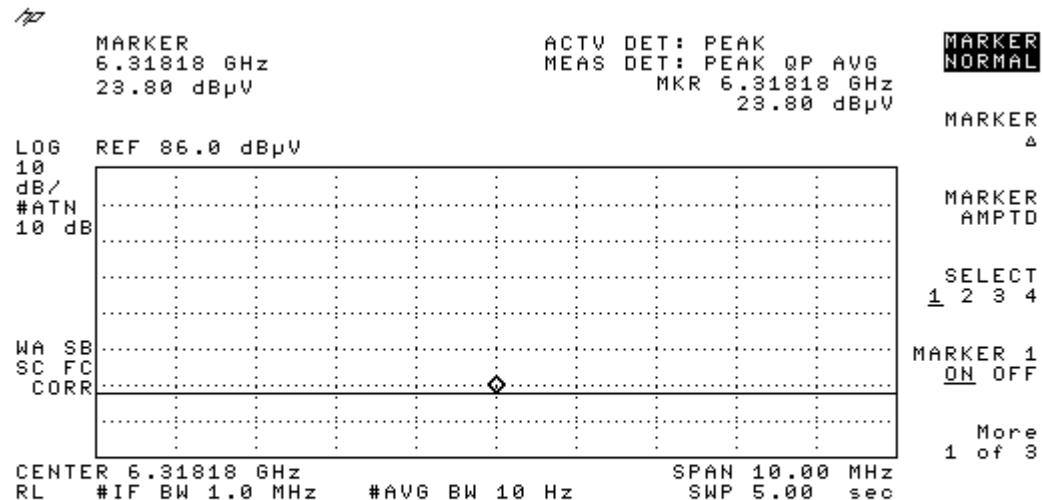
HANDSET 6TH Harmonic

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% |



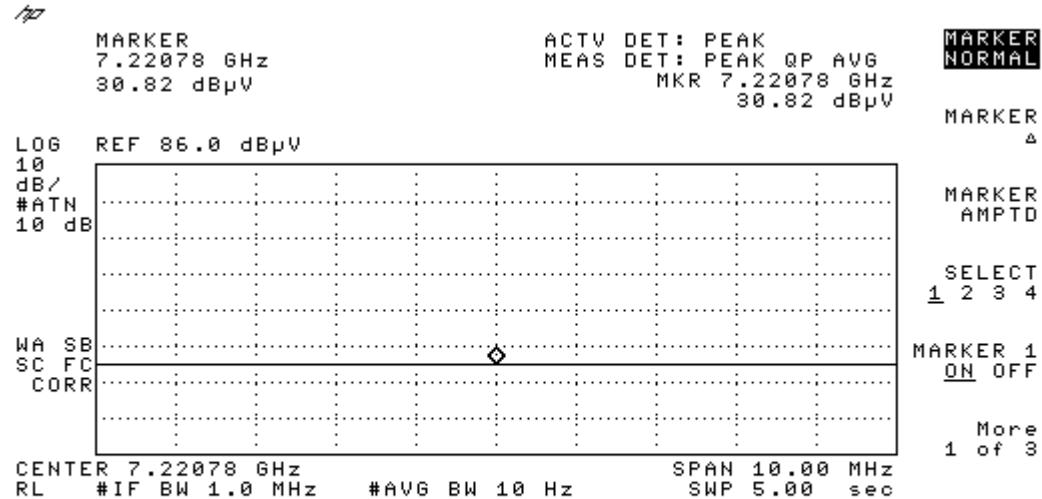
HANDSET 7th Harmonic Channel 1



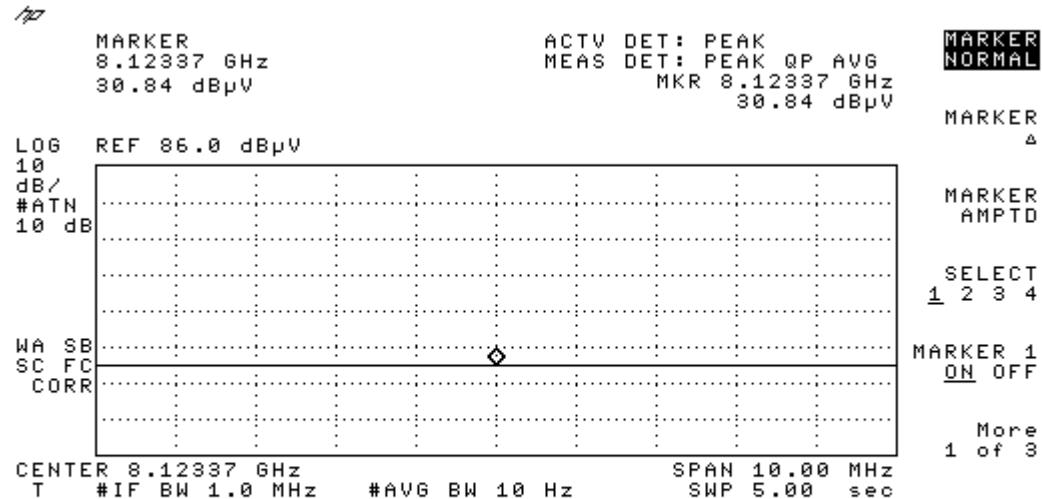
HANDSET 8th harmonic Channel 1

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% |



HANDSET 9th Harmonic Channel 1



HANDSET 10th Harmonic Channel 1

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% |

