

***RF ANTENNA CONDUCTED
DATA SHEETS FOR THE HANDSET***



114 OLINDA DRIVE, BREA, CALIFORNIA 92823 PHONE: (714) 579-0500 FAX: (714) 579-1850

2-9-00

RF ANT. COND. TEST - HANDSET CH 1 2MHZ-2GHZ MKR 1.775 GHZ
HP REF 20.0 dBm ATTEN 30 dB -53.20 dBm

10 dB/

MARKER

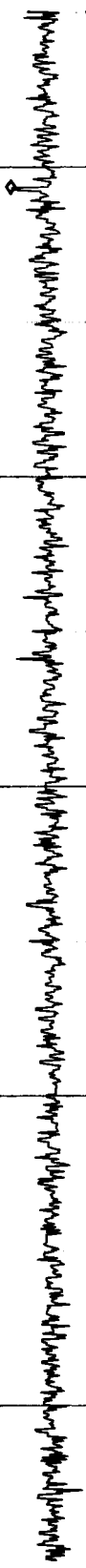
1.775 GHZ

DL

-53.20 dBm

-13.5

dBm



START 22 MHZ RES BW 100 KHZ STOP 2.00 GHZ
VBW 300 KHZ SWP 593 msec

2-9-00

RF ANT. COND. TEST - HANDSET CH. 1 2-10 GHZ MKR 2.416 GHZ
REF 20.0 dBm ATTN 30 dB 6.50 dBm

hp

10 dB/

MARKER

2.416 GHZ

DL

6.50 dBm

-13.5

dBm

START 2.00 GHZ RES BW 100 KHZ VBW 300 KHZ STOP 10.00 GHZ
SWP 2.40 sec

2-9-00

RF ANT. COND. TEST - HANDSET CH. 1 10-20GHZ MKR 19.93 GHZ
REF 20.0 dBm ATTEN 30 dB -41.30 dBm

hp

10 dB/

MARKER

19.93 GHZ

DL

-41.30 dBm

-13.5

dBm

START 10.0 GHZ RES BW 100 KHZ VBW 300 KHZ STOP 20.0 GHZ
SWP 3.00 sec

2-9-00

RF ANT. COND. TEST - HANDSET CH. 1 20-26GHZ MKR 21.104 GHZ
REF 0.0 dBm HARMONIC 6L -65.00 dBm

hp

10 dB/

CNVLOSS

22.0

dB

DL

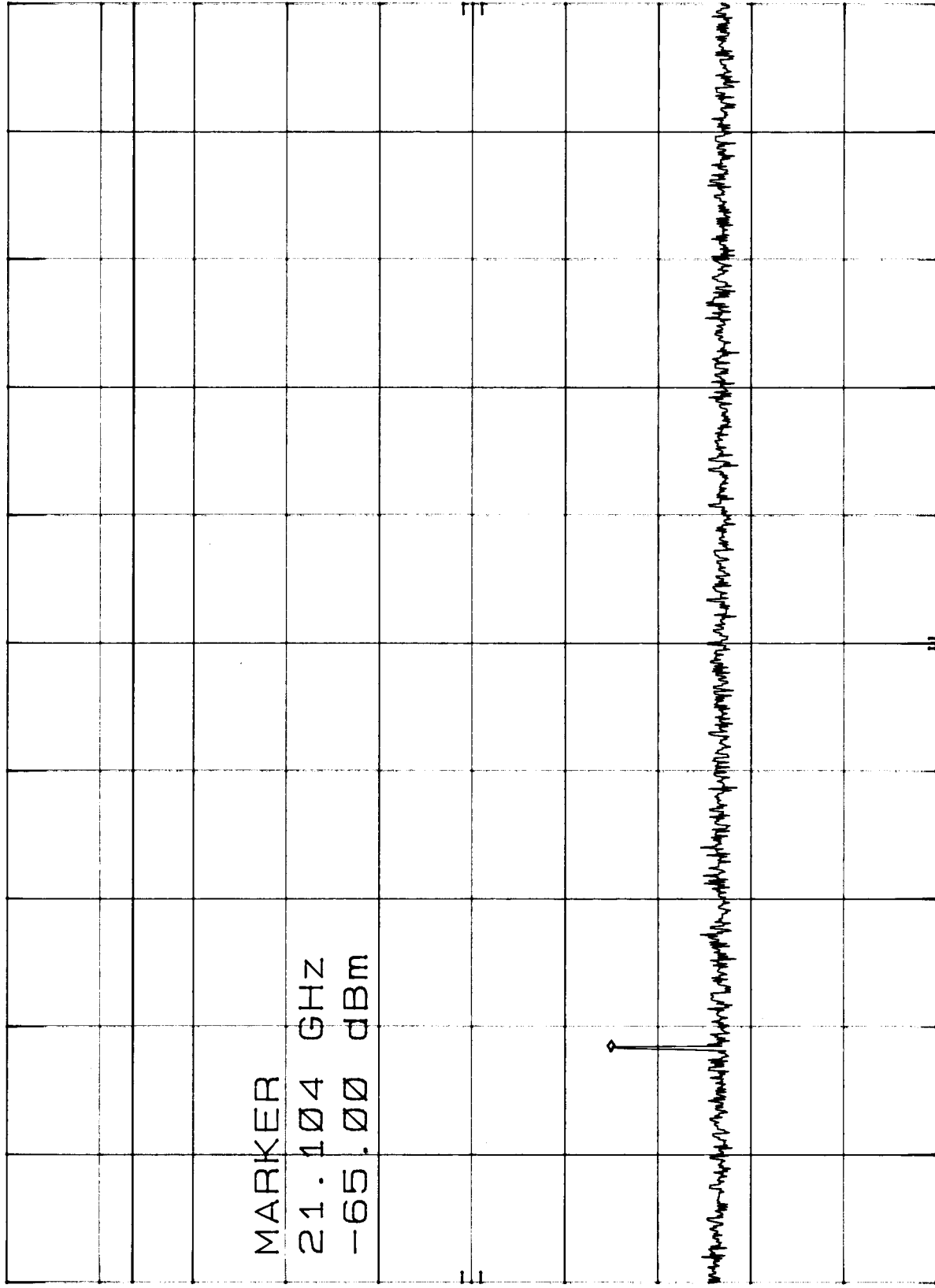
-13.5

dBm

MARKER

21.104 GHZ

-65.00 dBm



START 20.00 GHZ

RES BW 100 KHZ

VBW 300 KHZ

STOP 26.00 GHZ

SWP 1.80 sec

2-9-00

RF ANT. COND. TEST - HANDSET CH.16 2MHZ-2GHZ MKR 310 MHZ
REF 20.0 dBm ATTEN 30 dB -53.60 dBm

hp

10 dB/

MARKER

310 MHZ

DL
-10.3
dBm

-53.60 dBm

CORR'D

START 2 MHZ RES BW 100 KHZ VBW 300 KHZ STOP 2.00 GHZ SWP 599 msec

2-9-00

RF ANT. COND. TEST OF HANDSET CH. 16 2-10GHZ MKR 2.440 GHZ
REF 20.0 dBm ATTN 30 dB 9.70 dBm

HP

10 dB/

MARKER

2.440 GHZ
9.70 dBm

DL
-10.3
dBm

CORR'D

START 2.00 GHZ RES BW 100 KHZ STOP 10.00 GHZ
SWP 2.40 sec VBW 300 KHZ

2-9-00
RF ANT. COND. TEST - HANDSET CH.16 10-20GHZ MKR 19.89 GHZ
hp REF 20.0 dBm ATTN 30 dB -40.40 dBm

10 dB/

MARKER

19.89 GHZ

-40.40 dBm

DL
-10.3
dBm

CORR'D

START 10.0 GHZ RES BW 100 KHZ VBW 300 KHZ STOP 20.0 GHZ
SWP 3.00 sec

2-9-00

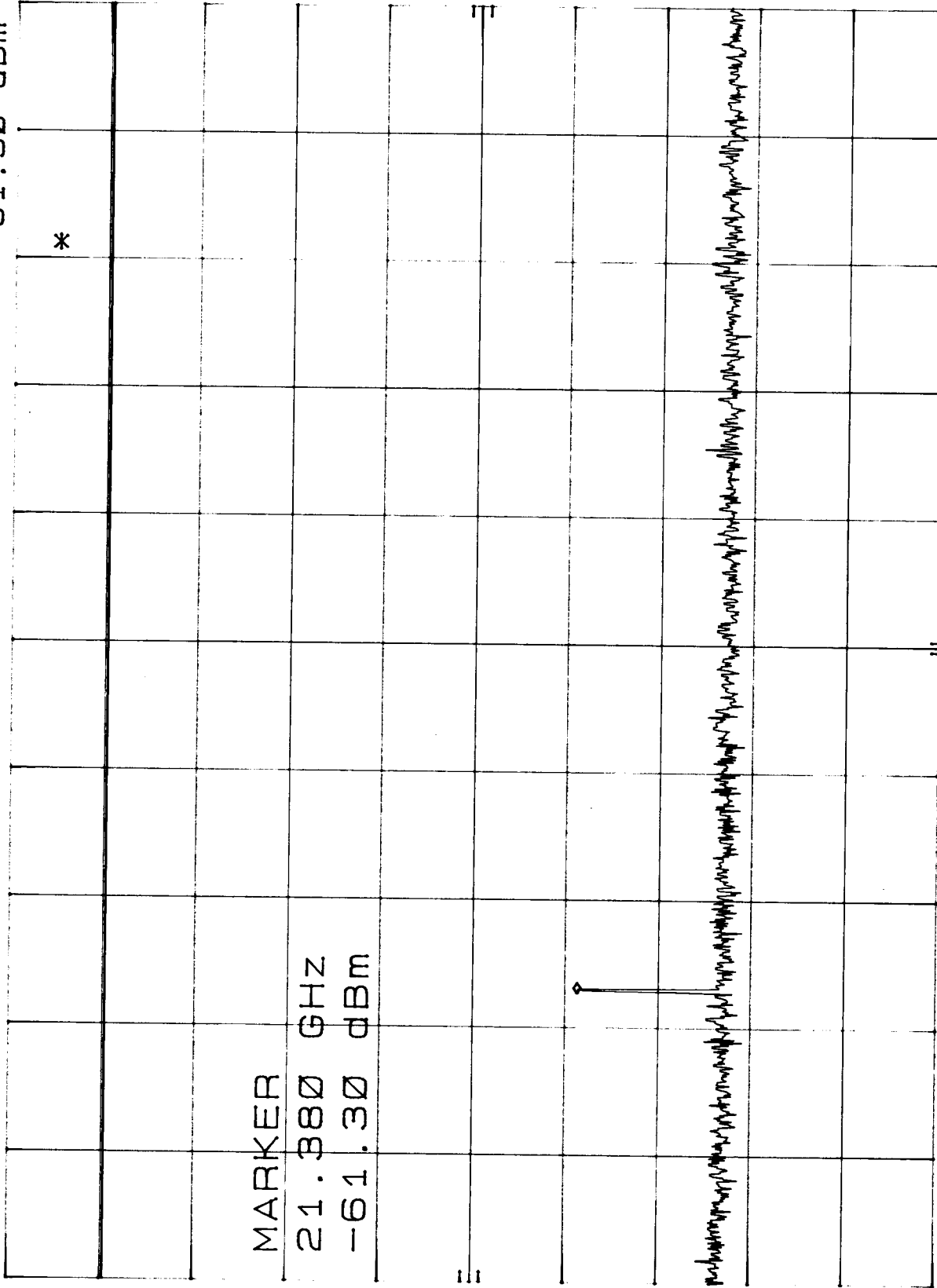
RF ANT. COND. TEST - HANDSET CH.16 20-26GHZ MKR 21.380 GHZ
HP REF 0.0 dBm HARMONIC 6L -61.30 dBm

10 dB/

CNVLOSS
22.0
dB

DL
-10.3
dBm

MARKER
21.380 GHZ
-61.30 dBm



START 20.00 GHZ STOP 26.00 GHZ
RES BW 100 KHZ SWP 1.80 sec
VBW 300 KHZ

2-9-00

RF ANT. COND. TEST - HANDSET CH.30 2MHZ-2GHZ MKR 1.796 GHZ
REF 20.0 dBm ATTN 30 dB
-52.60 dBm

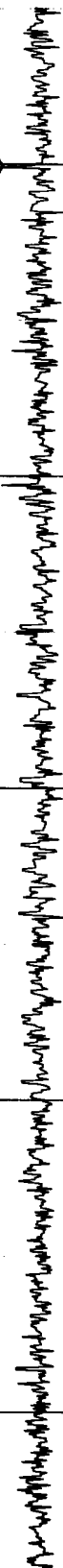
hp

10 dB/

MARKER

DL
1.796 GHZ
-52.60 dBm

CORR'D



START 2 MHZ RES BW 100 KHZ VBW 300 KHZ STOP 2.00 GHZ
SWP 599 msec

2-9-00

RF ANT. COND. TEST - HANDSET CH. 30 2-10 GHZ MKR 2.480 GHZ
REF 20.0 dBm ATTN 30 dB 8.80 dBm

HP

10 dB/

DISPLAY LINE

-11.6 dBm

DL
-11.6
dBm

CORR'D

START 2.00 GHZ RES BW 100 KHZ VBW 300 KHZ STOP 10.00 GHZ
SWP 2.40 sec

2-9-00

RF ANT. COND. TEST - HANDSET CH.30 10-20 GHZ MKR 19.29 GHZ
REF 20.0 dBm ATTEN 30 dB
-40.80 dBm

HP

10 dB/

MARKER

DL
19.29 GHZ
-40.80 dBm
-11.6 dBm

CORR'D

Handwritten notes and markings on the grid, including a signature and various scribbles.

START 10.0 GHZ
RES BW 100 KHZ
STOP 20.0 GHZ
SWP 3.00 sec
VBW 300 KHZ

2-9-00

RF ANT. COND. TEST - HANDSET CH.30 20-26GHZ MKR 21.632 GHZ
REF 0.0 dBm HARMONIC 6L -62.40 dBm

hp

10 dB/

CNVLOSS
22.0
dB

MARKER

DL
21.632 GHZ
-11.6
-62.40 dBm
dBm

START 20.00 GHZ RES BW 100 KHZ VBW 300 KHZ STOP 26.00 GHZ
SWP 1.80 sec



***RF BAND EDGES
FOR THE HANDSET***



114 OLINDA DRIVE, BREA, CALIFORNIA 92823 PHONE: (714) 579-0500 FAX: (714) 579-1850

BAND EDGE OF LOW CHANNEL HANDSET - HORIZONTAL MKR 2.400 04 GHz
REF 107.0 dBμV ATTEN 10 dB 39.90 dBμV

hp

10 dB/

MARKER

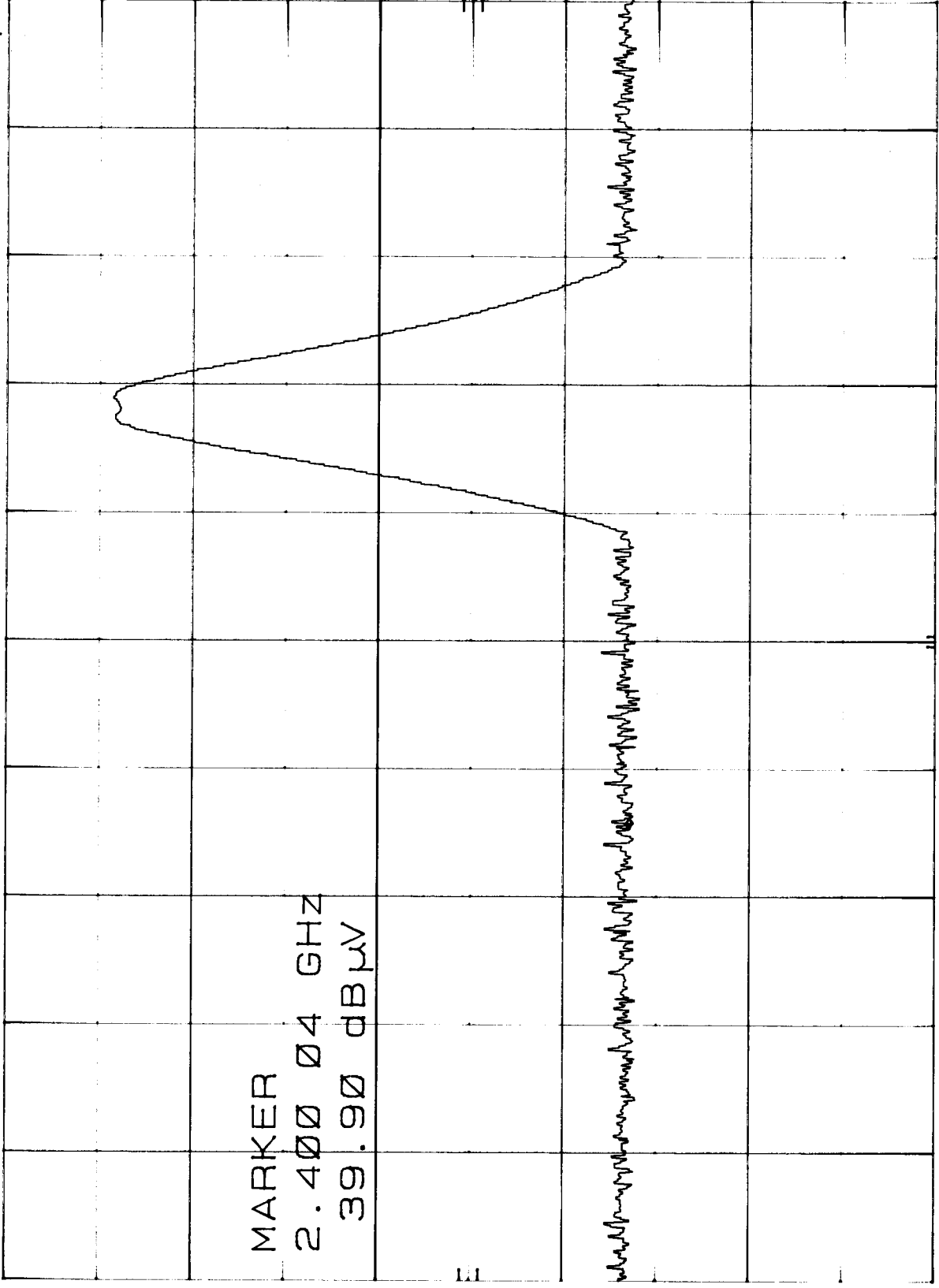
2.400 04 GHz

39.90 dBμV

DL

67.0
dBμV

CORR'D



CENTER 2.407 2 GHz

RES BW 1 MHz

VBW 1 MHz

SPAN 50.0 MHz

SWP 20.0 msec

BAND EDGE OF LOW CHANNEL HANDSET - Vertical

MKR 2.400 04 GHz

REF 107.0 dBμV ATTEN 10 dB

h₀

10 dB/

MARKER

2.400 04 GHz

41.70 dBμV

DL

67.0

dBμV

CORR'D

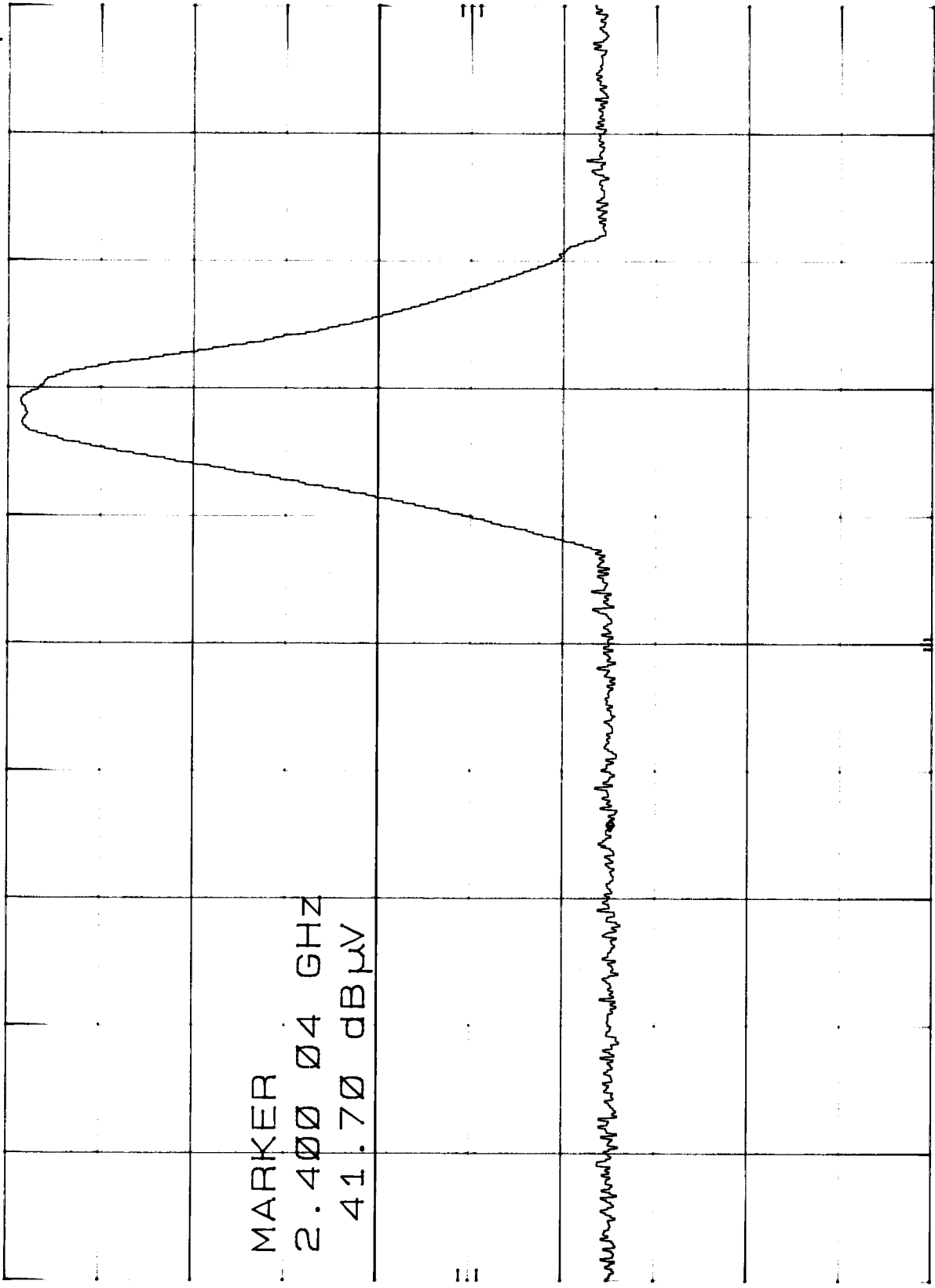
CENTER 2.407 2 GHz

RES BW 1 MHz

VBW 1 MHz

SPAN 50.0 MHz

SWP 20.0 msec



BAND EDGE OF HIGH CHANNEL HANDSET - HORIZONTAL MKR 2.483 60 GHz
REF 107.0 dBμV ATTEN 10 dB 40.60 dBμV

HP

10 dB/

CENTER

2.482 6 GHz

STEP 2.475 7 GHz

DL

67.0

dBμV

CORR'D

CENTER 2.482 6 GHz

RES BW 1 MHz

VBW 1 MHz

SPAN 23.2 MHz

SWP 20.0 msec

BAND EDGE OF HIGH CHANNEL HANDSET - Vertical

MRK 2.483 51 GHz

39.80 dBμV

hp

REF 107.0 dBμV ATTN 10 dB

10 dB/

MARKER

2.483 51 GHz

39.80 dBμV

DL
67.0
dBμV

CORR'D

CENTER 2.482 6 GHz

RES BW 1 MHz

VBW 1 MHz

SPAN 23.2 MHz

SWP 20.0 msec



RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	SANYO	DATE	2/14/00
EUT	2.4 GHz SPREAD SPECTRUM CORDLESS PHONE - HANDSET	DUTY CYCLE	50.00 %
MODEL	██████████ CLT - 2420	PEAK TO AVG	-6.02 dB
S/N	N/A	TEST DIST.	3 METERS
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

[illegible]

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

**** DELTA = SPEC LIMIT - CORRECTED READING**