

APPENDICES – TEST DATA & PLOTS

APPENDIX A
Maximum Conducted Output Power at Antenna Terminals

Radiated Emissions Test Data

Company:	GVC	Model #:	IS-900C/CT-9020	Req	FCC 2.993
EUT:	Cordlessphone	S/N or FCC #:		Test Dist.	3 meters
Project #:	J98036 679	Test Date:	August 19, 1999	TP	0.1 Watt
Test Mode:	Tx Mode handset	Engineer:	Xi Ming Y.	Min. Attn	#NUM! dBc

Antenna Used				Pre-Amp Used			Cable Used			Transducer Used
Number:	2	22	12	0	3	12	0	0	12	0
Model:	EMCO 3143	3150-10	EMCO 3104	None	MC 18542	ACO/150	None	None	Gm_MPL	None

Frequency	Reading	Detector	Ant.	Amp	Ant. Pol.	Ant. Factor	Pre-Amp	Insert. Loss	Net	ERP	Attn.	Margin
MHz	dB(μV)	P/A/Q	#	#	H/V	dB(1/m)	dB	dB	dB(μV/m)	mW	dBc	dB
904.01	90.8	Peak	2	0	H	22.7	0.0	2.2	115.7	6.75E+01	0.0	N/A
914.16	92.0	Peak	2	0	H	22.6	0.0	2.2	116.8	8.70E+01	0.0	N/A
925.54	90.6	Peak	2	0	H	22.3	0.0	2.2	115.1	5.88E+01	0.0	N/A

Notes:	a) O.C.F.: Other Correction Factor
	b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
	c) Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
	d) Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
	e) Negative signs (-) in Margin column signify levels below the limits.

ITS Intertek Testing Services

Radiated Emissions Test Data

Company:	GVC	Model #:	IS-900C/CT-9020	Reg	FCC 2.993
EUT:	Cordlessphone	S/N or FCC #:		Test Dist	3 meters
Project #:	J98036 679	Test Date:	August 19, 1999	TP	0.1 Watt
Test Mode:	Tx Base Mode	Engineer:	Xi Ming Y.	Min Attn	#NUM! dBc

Antenna Used				Pre-Amp Used			Cable Used			Transducer Used
Number:	2	22	12	0	3	12	0	0	12	0
Model:	EMCO 3143	3190-10	EMCO 3104	None	MC 15542	ACD/150	None	None	Gm_M+L	None

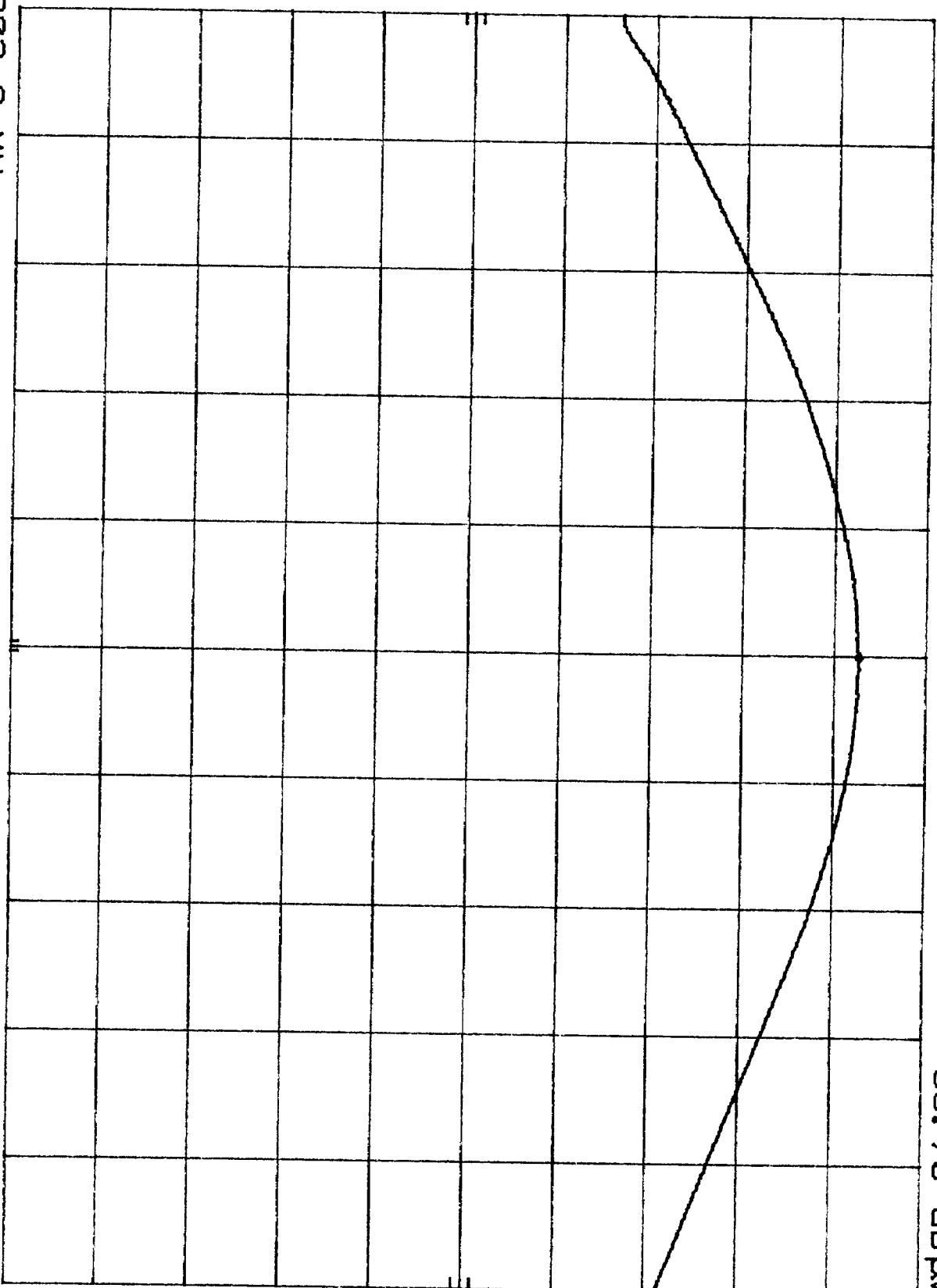
Frequency	Reading	Detector	Ant. #	Amp. #	Ant. Pol.	Ant. Factor	Pre-Amp	Insert. Loss	Net	ERP	Attn.	Margin
MHz	dB(μV)	P/A/Q	#	#	H/V	dB(1/m)	dB	dB	dB(μV/m)	mW	dBc	dB
903.94	89.7	Peak	2	0	H	22.7	0.0	2.2	114.6	5.24E+01	0.0	N/A
914.24	89.5	Peak	2	0	H	22.6	0.0	2.2	114.3	4.89E+01	0.0	N/A
925.50	89.2	Peak	2	0	H	22.3	0.0	2.2	113.7	4.26E+01	0.0	N/A

Notes:
 a) O.C.F.: Other Correction Factor
 b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
 c) Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
 d) Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
 e) Negative signs (-) in Margin column signify levels below the limits.

h_p REF 97.0 dBμV
10 dB/

ATTEN 10 dB

MKR 903.94 MHz
89.70 dBμV

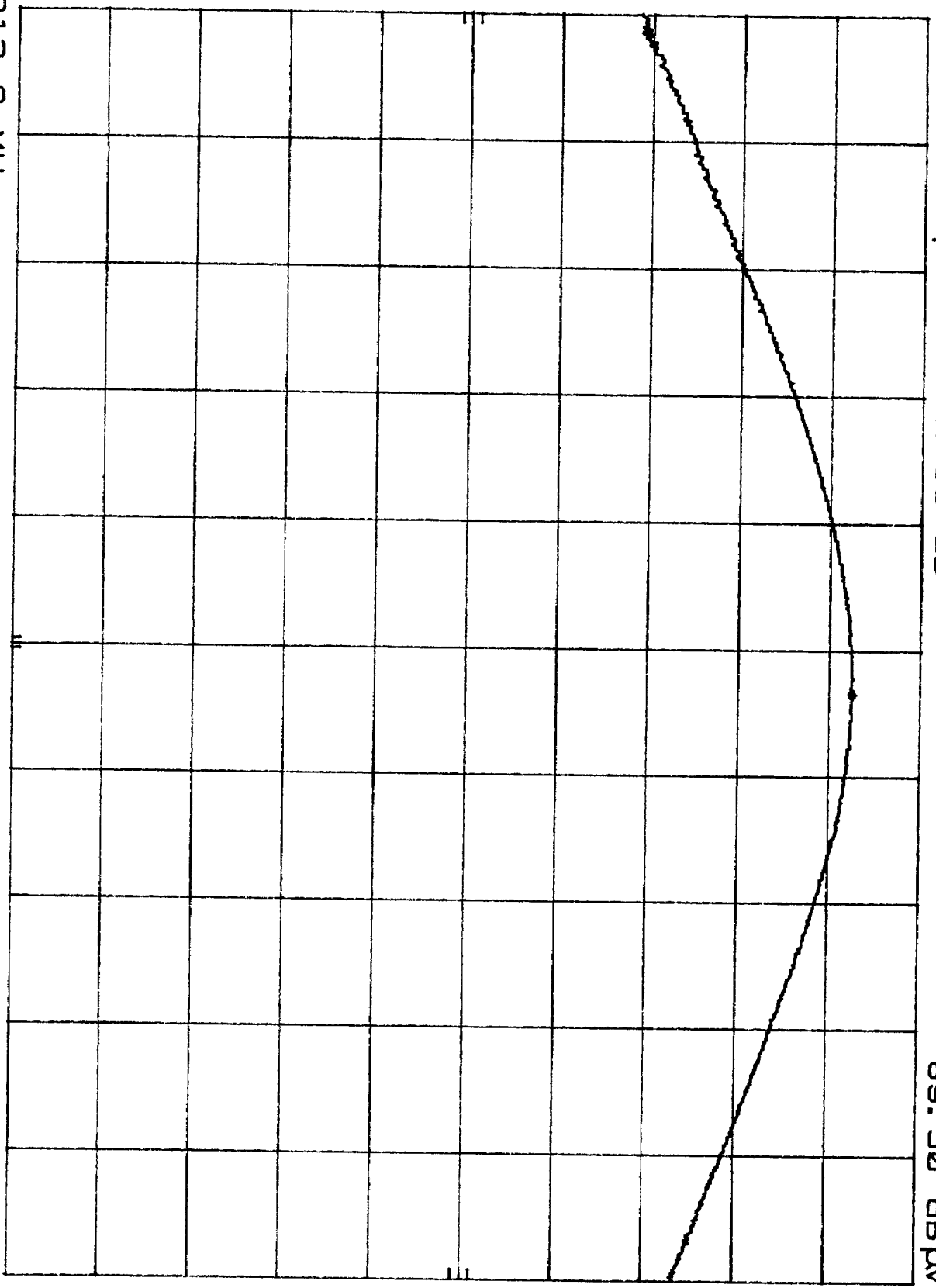


CENTER 903.9 MHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

h_p REF 97.0 dBμV
10 dB/

ATTEN 10 dB

MKR 914.24 MHz
89.50 dBμV

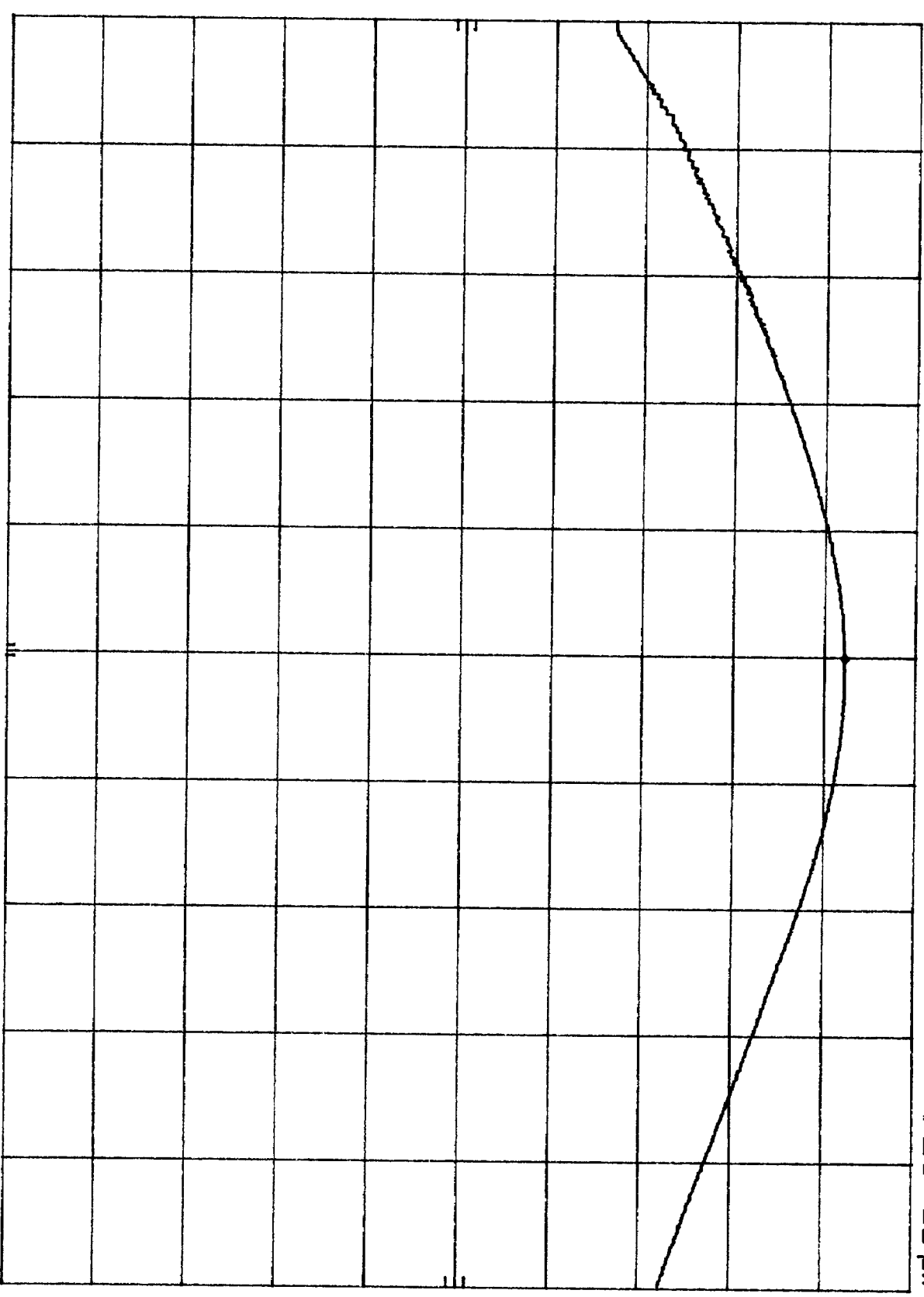


CENTER 913.9 MHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

h_p REF 97.0 dBμV
10 dB/

ATTEN 10 dB

MKR 925.50 MHz
89.20 dBμV

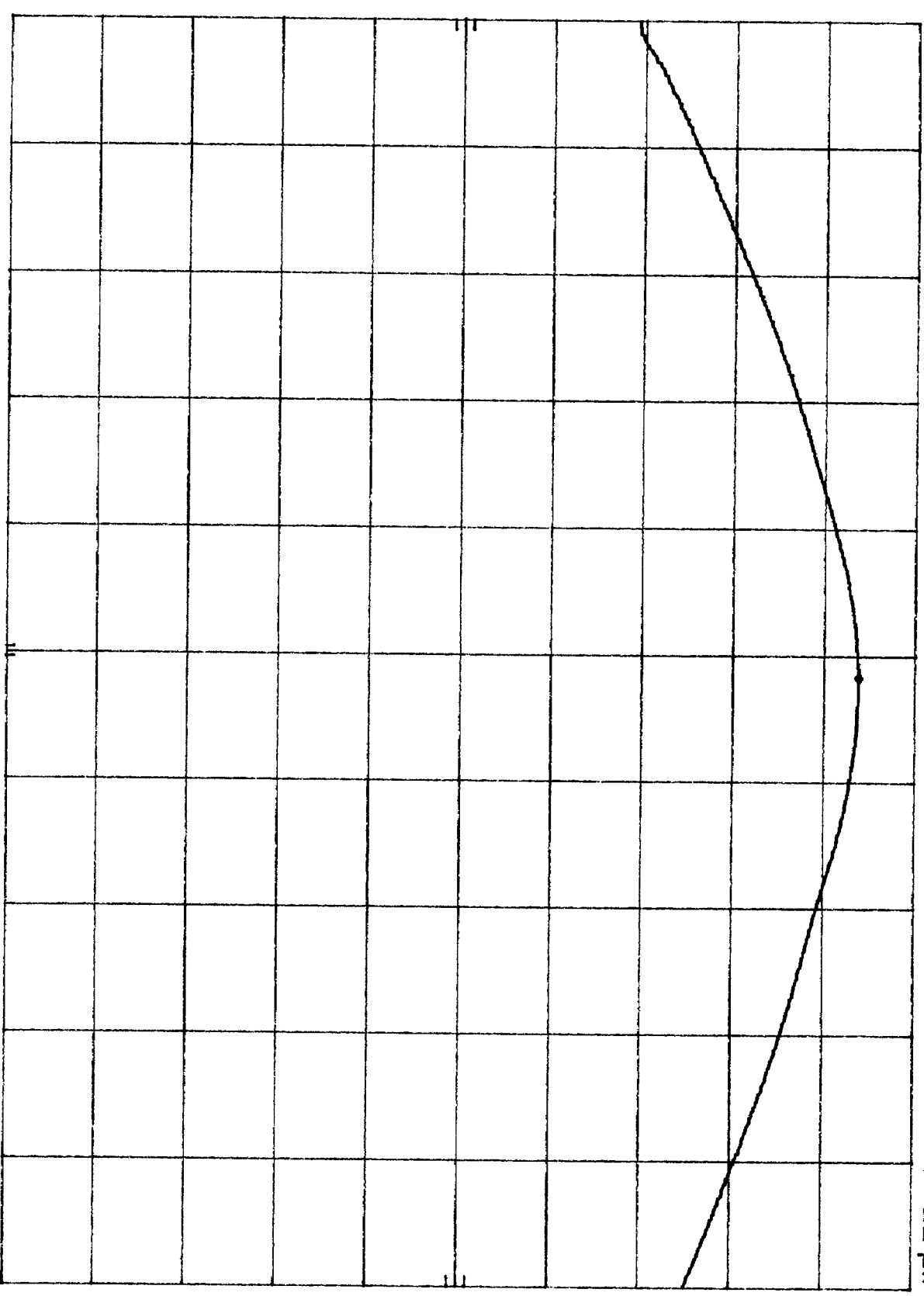


CENTER 925.5 MHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

h_p REF 97.0 dBμV
10 dB/

ATTEN 10 dB

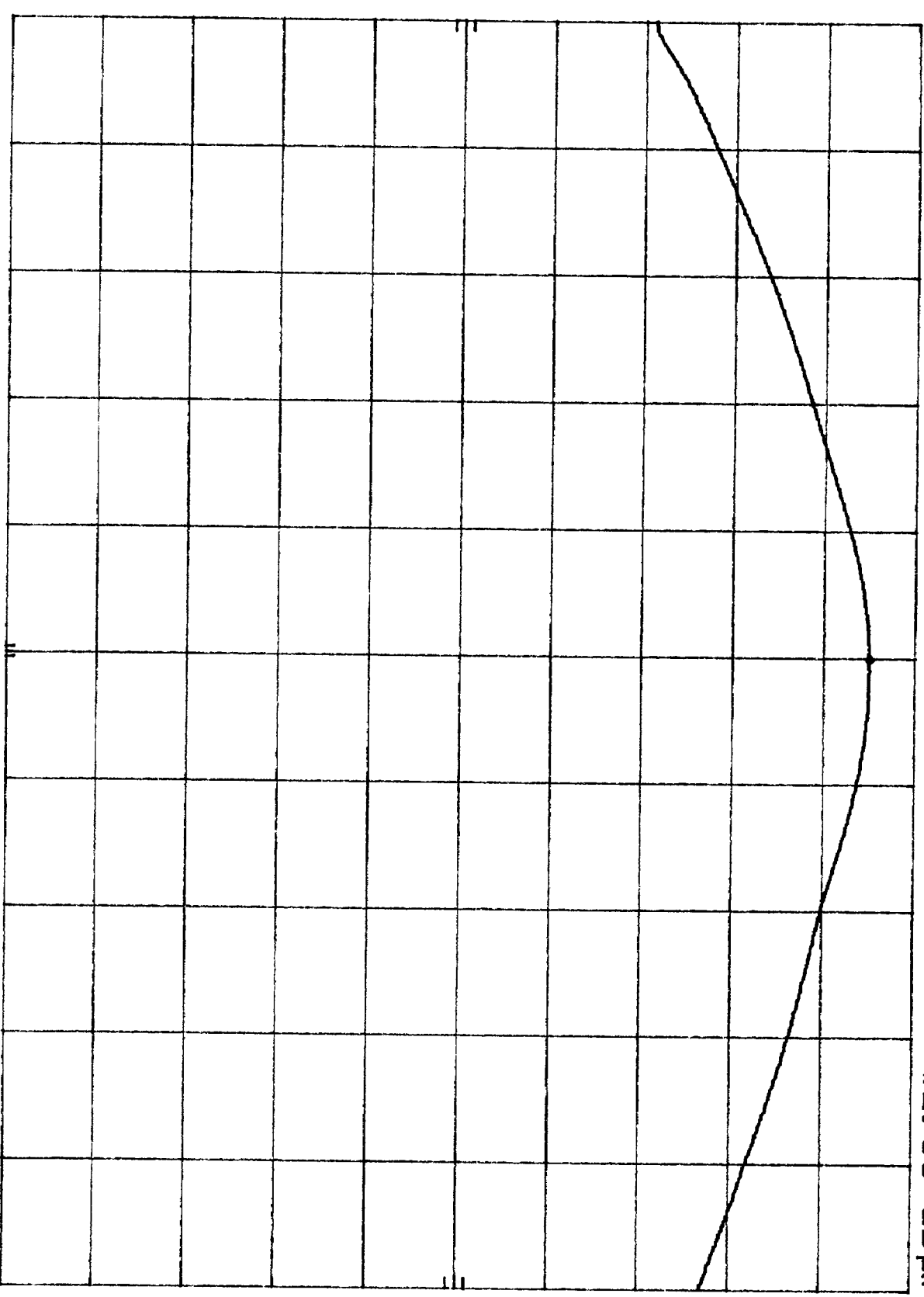
MKR 904.01 MHz
90.80 dBμV



CENTER 903.8 MHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

hp REF 97.0 dBμV
10 dB/

MKR 914.16 MHz
92.00 dBμV

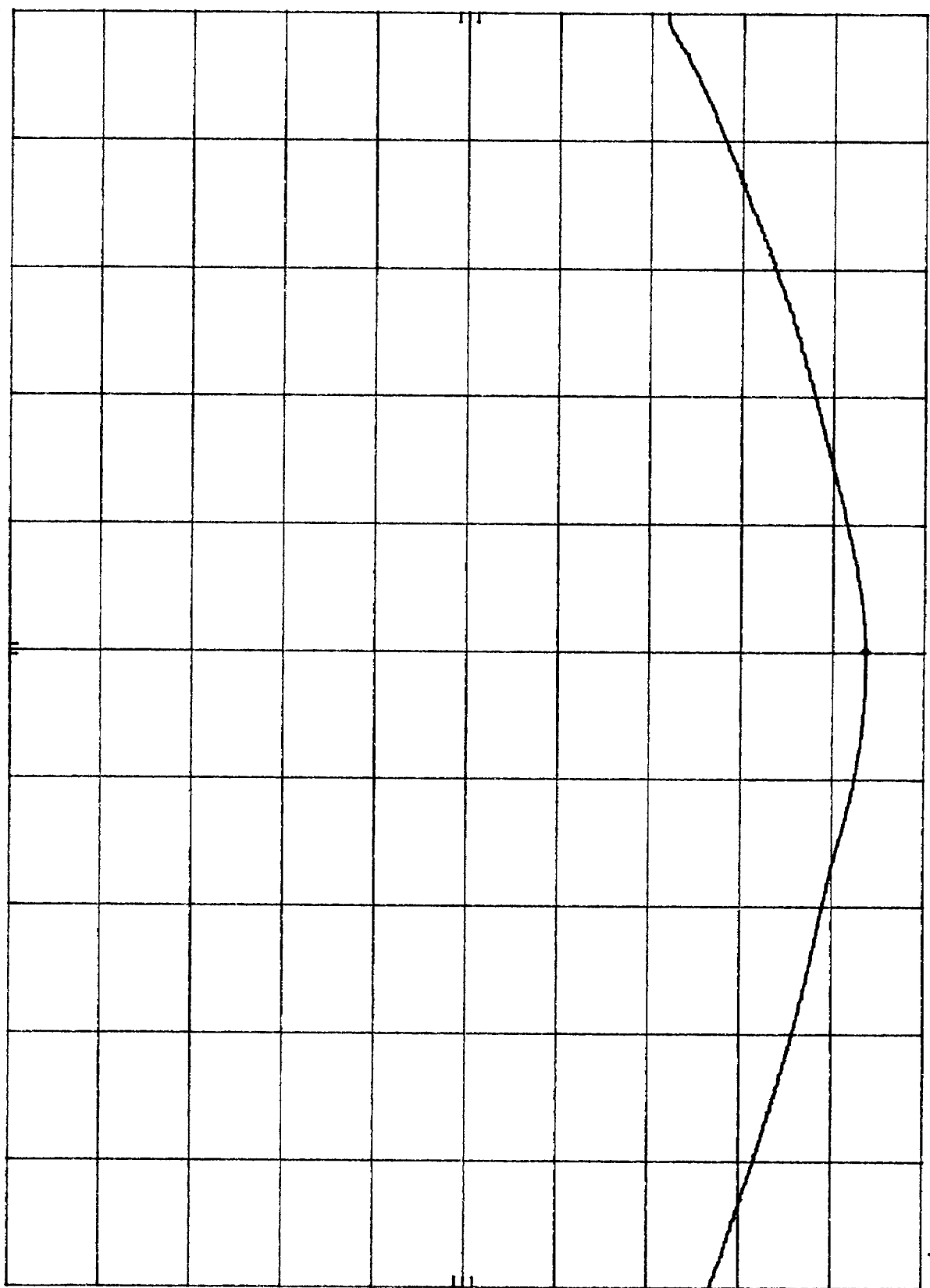


CENTER 914.1 MHz
RES BW 3 MHz
VBW 3 MHz
SPAN 10.0 MHz
SWP 20.0 msec

h_p REF 97.0 dBμV
10 dB/

ATTEN 10 dB

MKR 925.54 MHz
90.60 dBμV



CENTER 925.5 MHz
RES BW 3 MHz

VBW 3 MHz

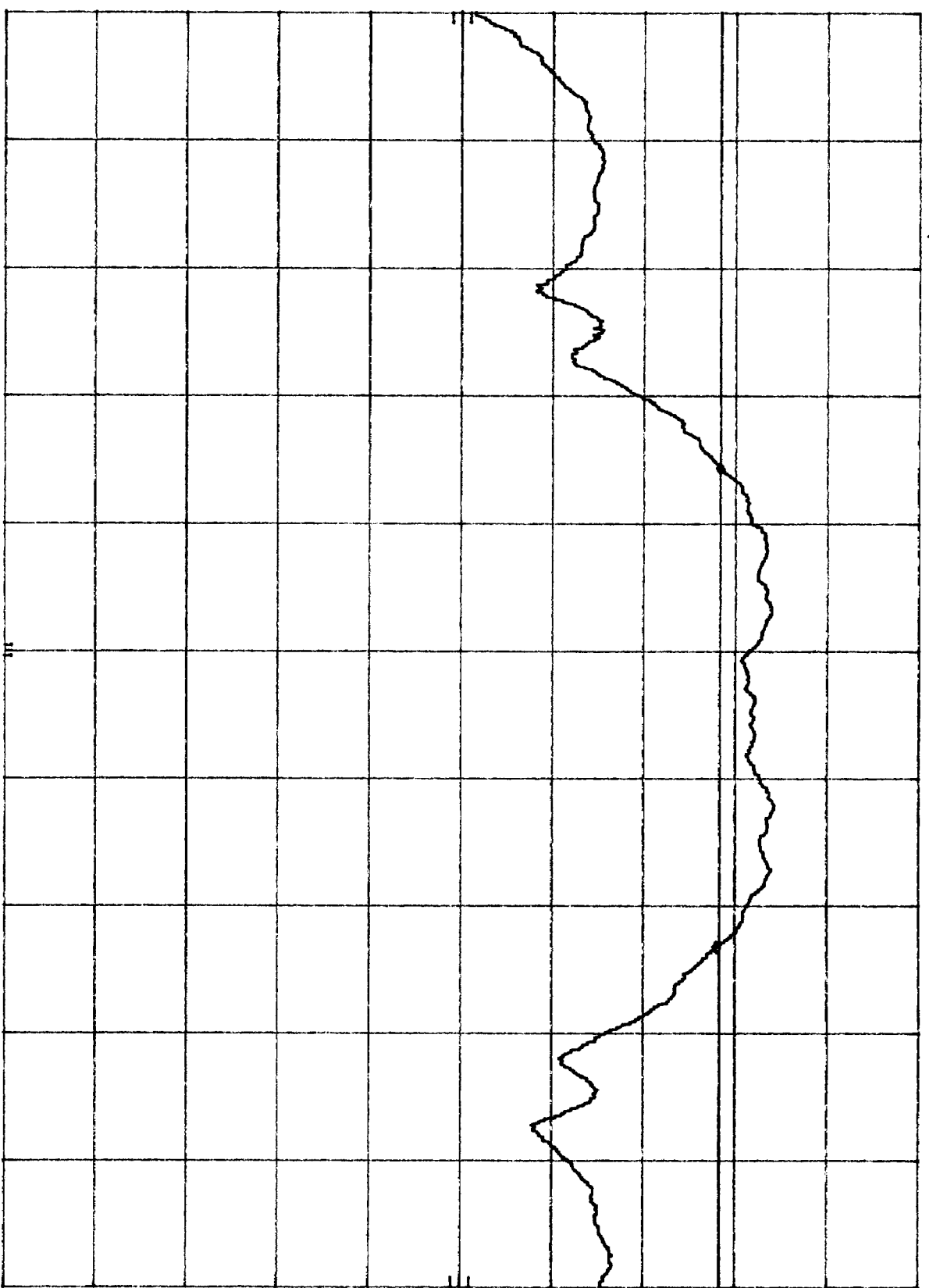
SPAN 10.0 MHz
SWP 20.0 msec

APPENDIX B
Minimum 6 dB RF Bandwidth

hP REF 97.0 dBμV ATTEN 10 dB
10 dB/

MKR Δ 1.504 MHz
-0.30 dB

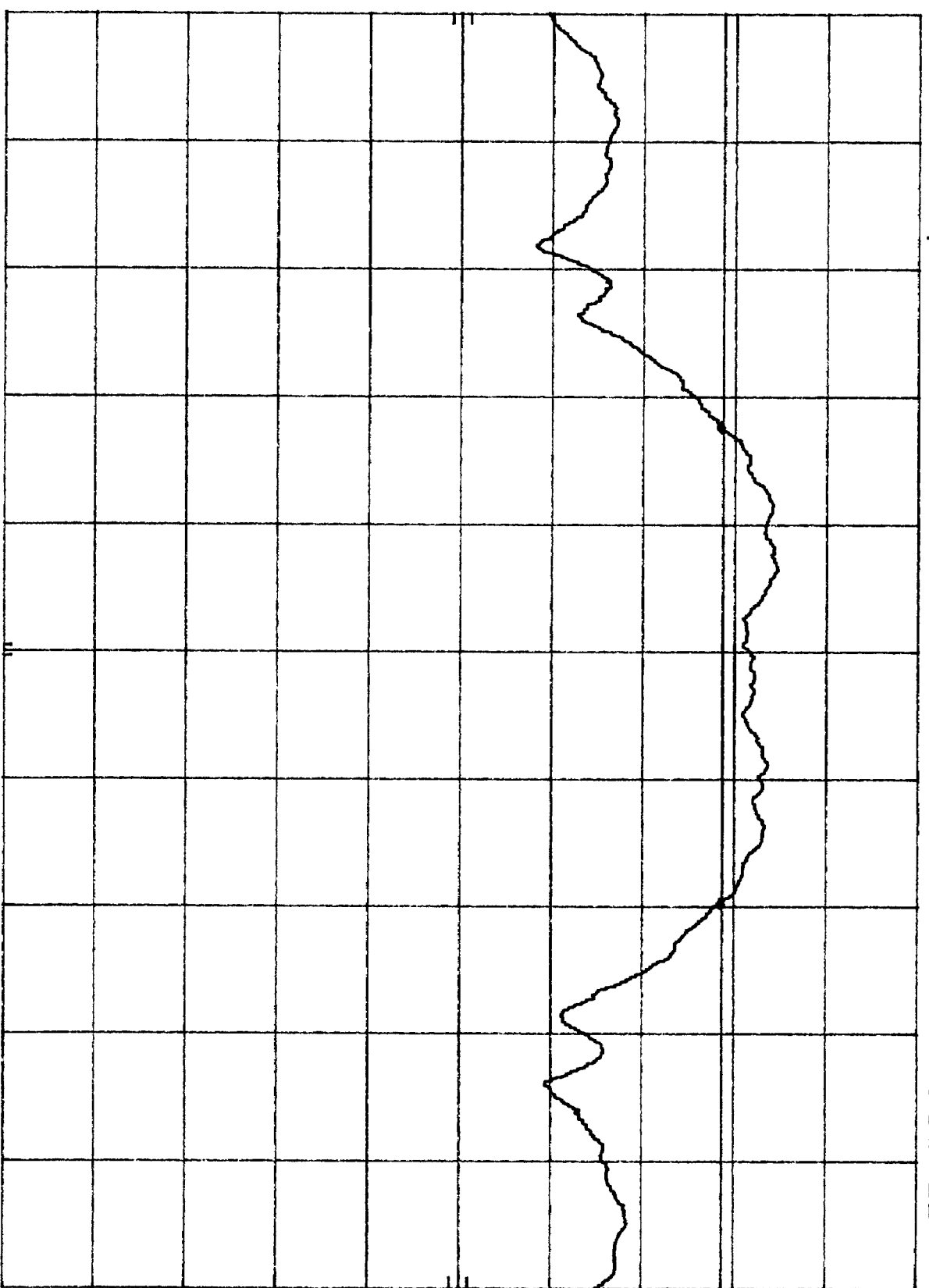
DL
75.3
dBμV



CENTER 903.93 MHz
RES BW 100 KHz
VBW 100 KHz
SPAN 4.00 MHz
SWP 20.0 msec

h_p REF 97.0 dBμV ATTEN 10 dB MKR Δ 1.496 MHz
10 dB/ 0.10 dB

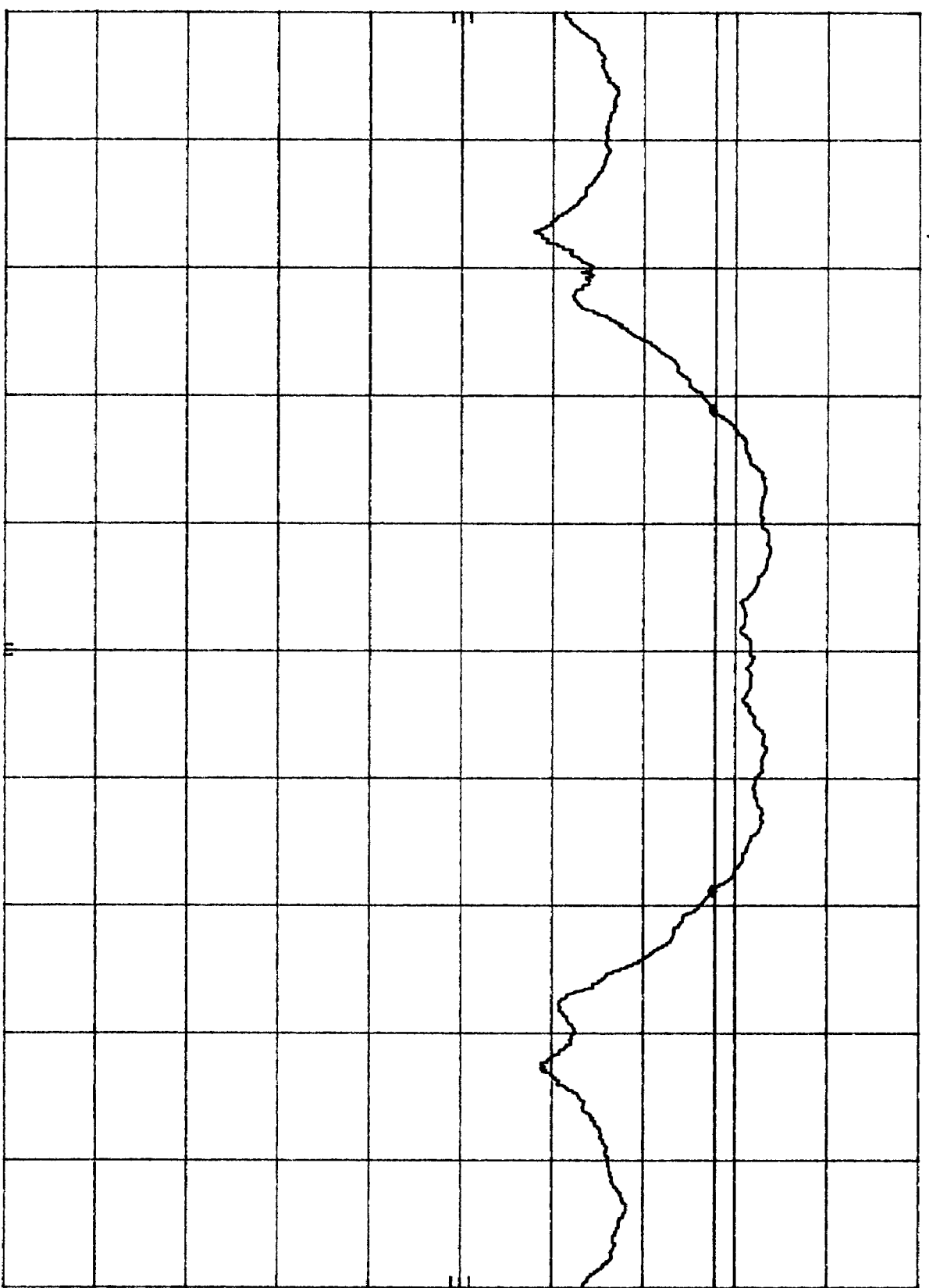
DL
75.7
dBμV



CENTER 914.27 MHz SPAN 4.00 MHz
RES BW 100 KHz VBW 100 KHz SWP 20.0 msec

h_p REF 97.0 dBμV ATTEN 10 dB MKR Δ 1.508 MHz
10 dB/

DL
74.8
dBμV

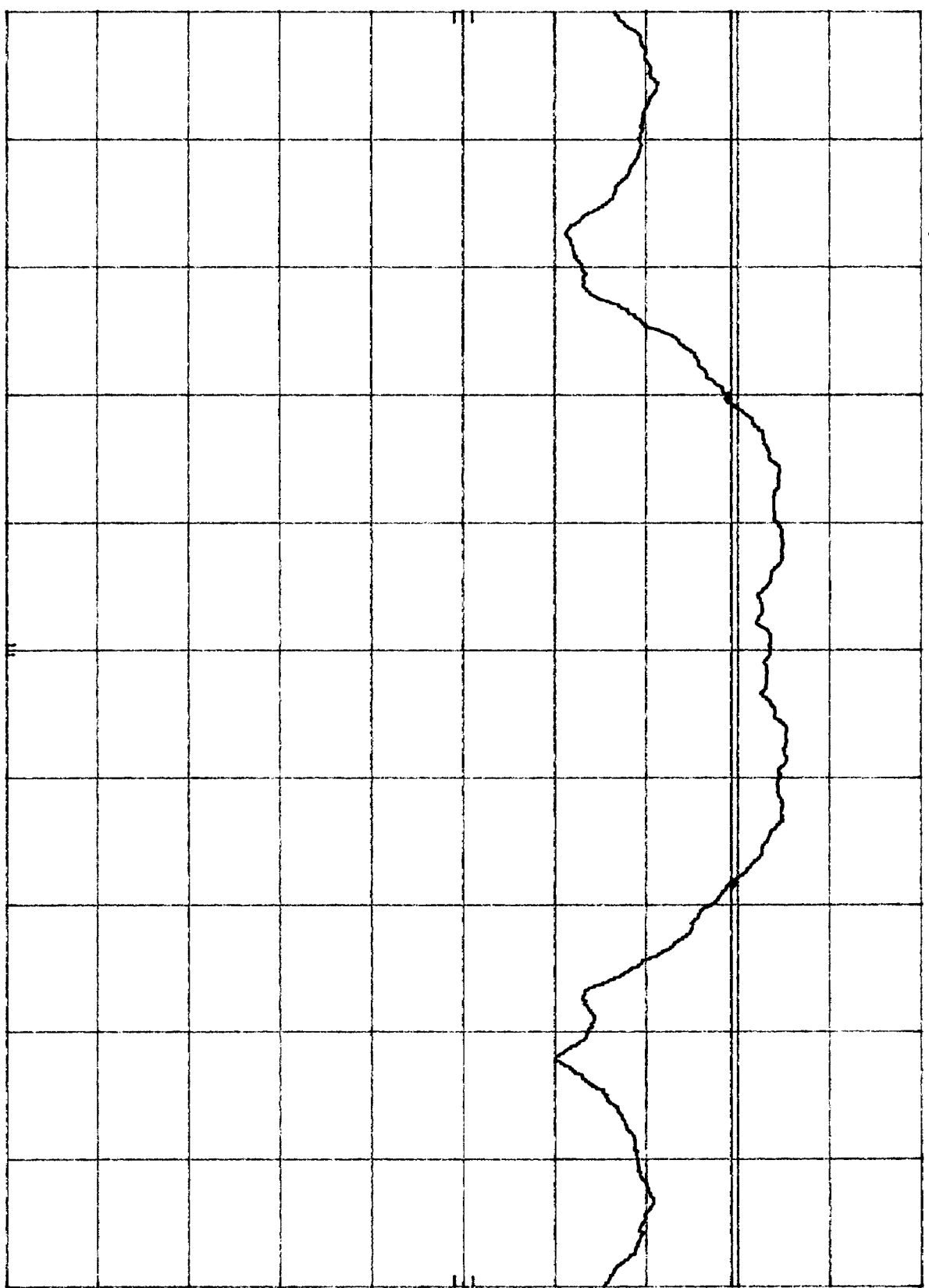


CENTER 925.71 MHz SPAN 4.00 MHz
RES BW 100 kHz VBW 100 kHz SWP 20.0 msec

h_p REF 97.0 dBμV
10 dB/

MKR Δ 1.524 MHz
0.50 dB

D_L
76.3
dBμV



CENTER 904.20 MHz
RES BW 100 kHz

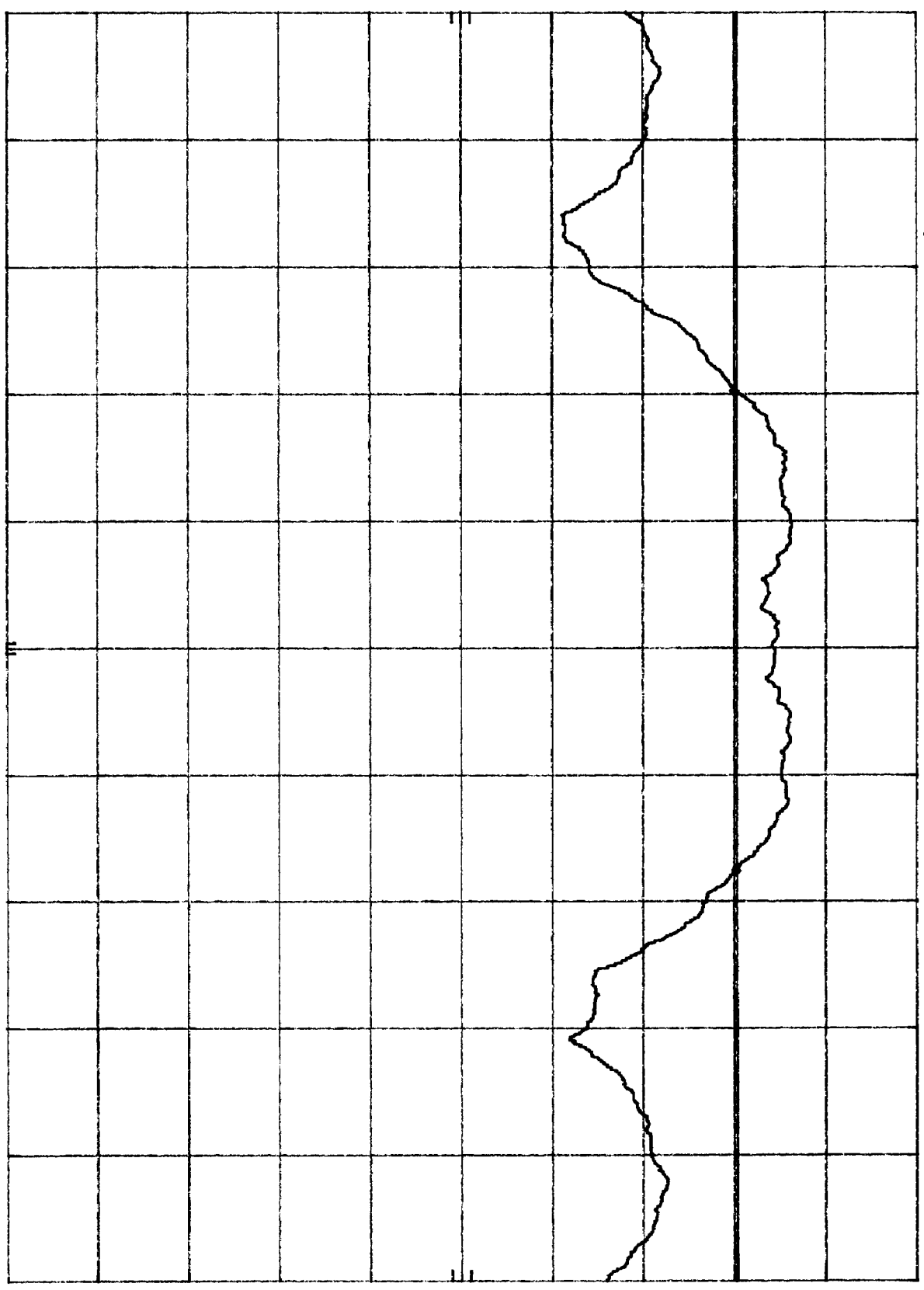
VBW 100 kHz

SPAN 4.00 MHz
SWP 20.0 msec

h_p REF 97.0 dBμV
10 dB/

MKR Δ 1.512 MHz
0.20 dB

DL
77.3
dBμV

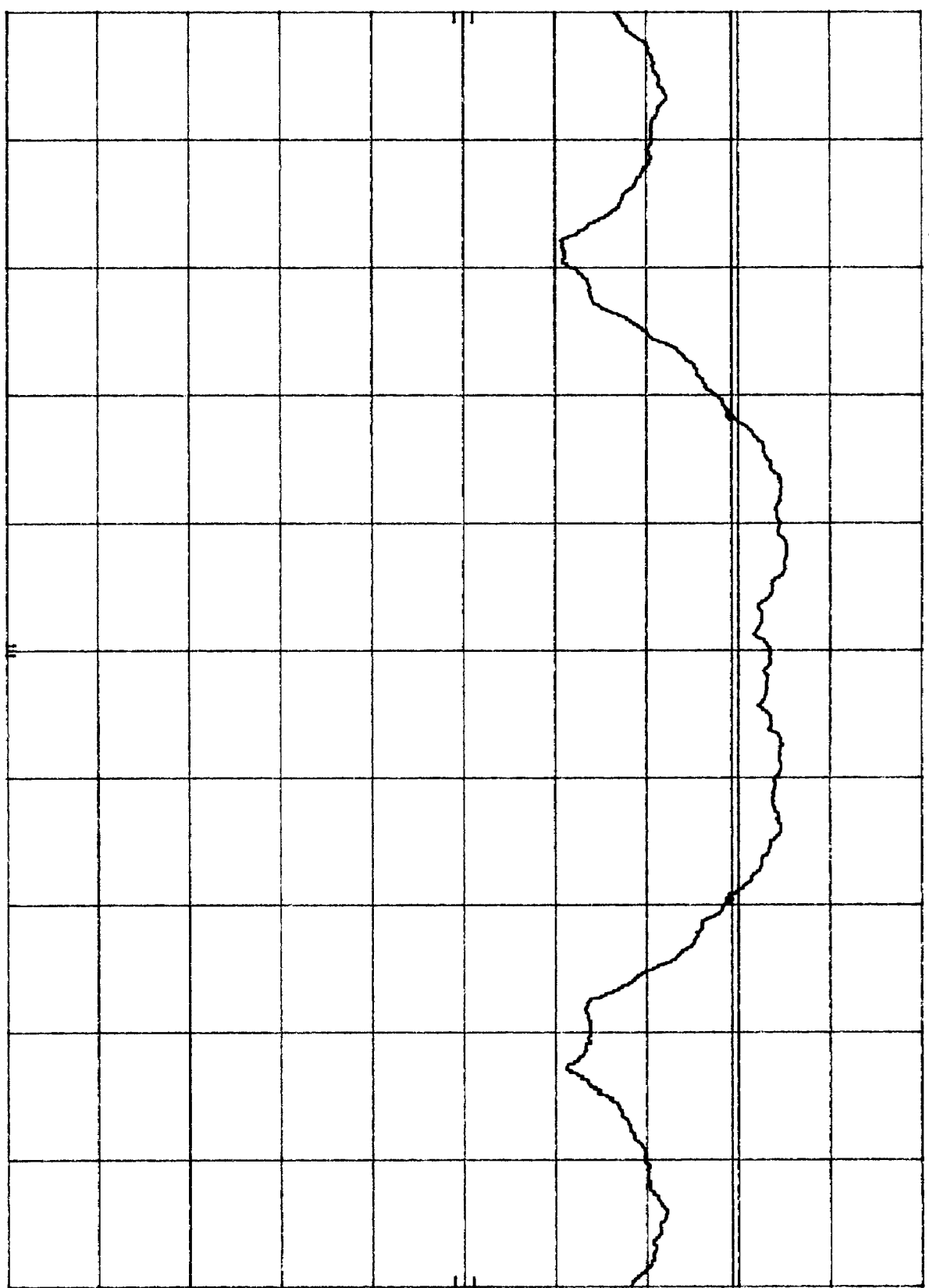


CENTER 914.45 MHz
RES BW 100 kHz
VBW 100 kHz
SPAN 4.00 MHz
SWP 20.0 msec

hp REF 97.0 dBμV
ATTEN 10 dB
10 dB/

MKR Δ 1.516 MHz
0.00 dB

DL
76.3
dBμV



CENTER 925.77 MHz
RES BW 100 kHz
VBW 100 kHz
SPAN 4.00 MHz
SWP 20.0 msec

APPENDIX C
Maximum Power Density

ITS Intertek Testing Services

Radiated Emissions Test Data

Company:	GVC	Model #:	IS-900C/CT-9020	Req.	FCC 2.993
EUT:	Cordlessphone	S/N or FCC #:		Test Dist.	3 Meters
Project #:	J98036 679	Test Date:	August 19, 1999	TP	0.1 Watt
Test Mode:	Tx Mode handset (power dencity)	Engine er:	Xi Ming Y.	Min. Attn.	#NU MI DBc

	Antenna Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	2	22	12	0	3	12	0	0	12	0
Model:	EMCO 3143	3180-1D	EMCO 3184	None	MC 15542	ACQ/180	None	None	Gm_M+L	None

Frequency	Reading	Detector	Ant.	Amp.	Ant. Pol.	Ant. Factor	Pre-Amp	Insert. Loss	Net	EIRP	Limit	Margin
MHz	dB(μV)	P/A/Q	#	#	H/V	dB(1/m)	dB	dB	dB(μV/m)	dBm	dBm	dB
904.50	76.4	Peak	2	0	H	22.7	0.0	2.2	101.3	5.9	8.0	-2.1
913.89	76.9	Peak	2	0	H	22.6	0.0	2.2	101.7	6.3	8.0	-1.7
925.49	76.3	Peak	2	0	H	22.3	0.0	2.2	100.8	5.4	8.0	-2.6

Notes:
 a) O.C.F.: Other Correction Factor
 b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
 c) Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
 d) Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
 e) Negative signs (-) in Margin column signify levels below the limits.

ITS Intertek Testing Services

Radiated Emissions Test Data

Company:	GVC	Model #:	IS-900C/CT-9020	Req	FCC 2.993
EUT:	Cordlessphone	S/N or FCC #:		Test Dist	3 meters
Project #:	J980366 79	Test Date:	August 19, 1999	TP	0.1 Watt
Test Mode:	Tx Mode base (power density)	Engineer:	Xi Ming Y.	Min Attn	#NUM! dBc

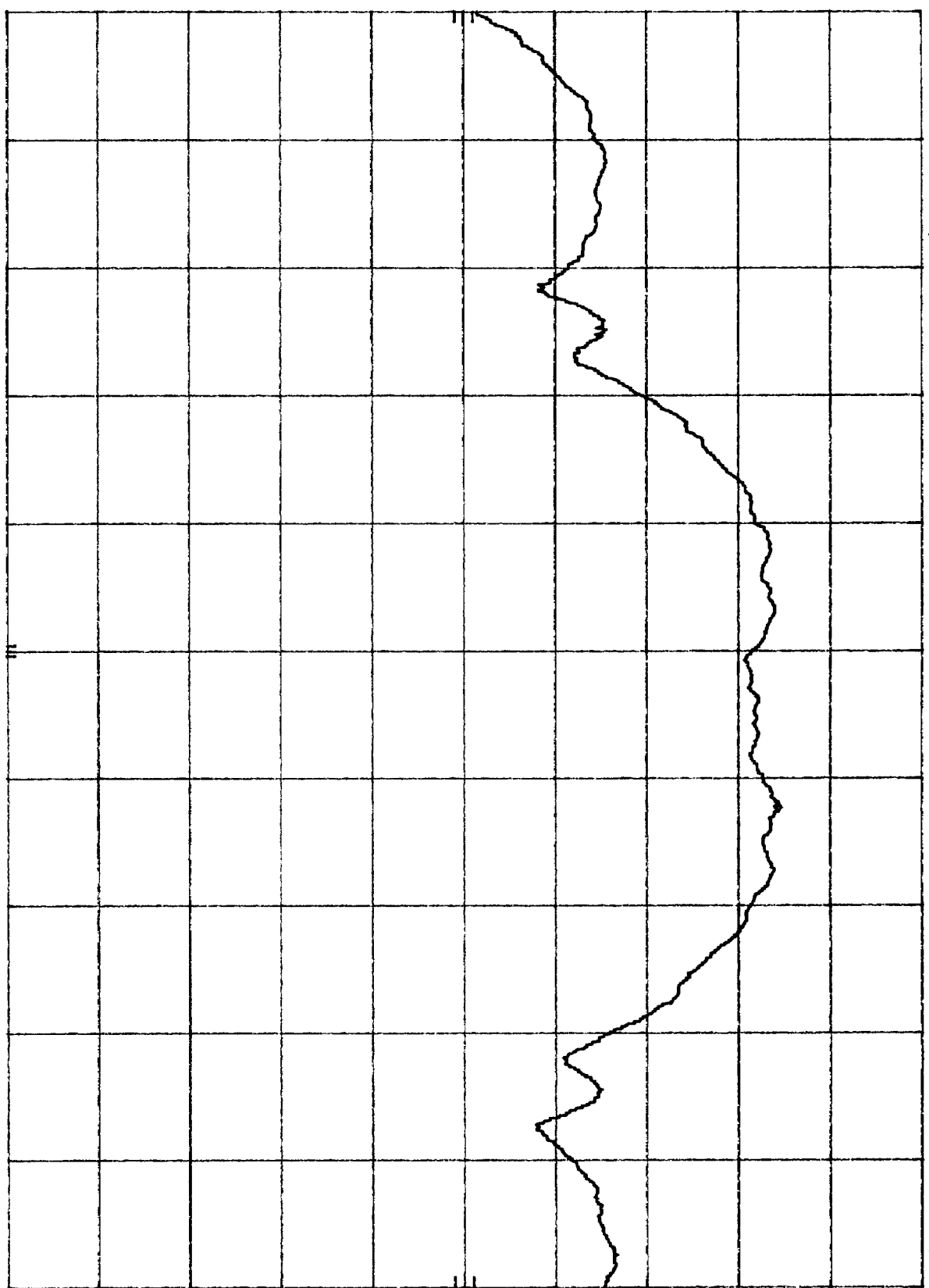
	Antenna Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	2	22	12	0	3	12	0	0	12	0
Model:	EMCO 3143	3180-10	EMCO 3104	None	MC 15542	ACO/150	None	None	Gm_M+L	None

Frequency	Reading	Detector	Ant.	Amp.	Ant. Pol.	Ant. Factor	Pre-Amp	Insert. Loss	Net	ERIP	Limit	Margin
MHz	dB(μV)	P/A/Q	#	#	H/V	dB(1/m)	dB	dB	dB(μV/m)	dBm	dBm	dB
904.62	75.9	Peak	2	0	H	22.7	0.0	2.2	100.8	5.4	8.0	-2.6
914.00	76.3	Peak	2	0	H	22.6	0.0	2.2	101.1	5.7	8.0	-2.3
925.40	75.3	Peak	2	0	H	22.3	0.0	2.2	99.8	4.4	8.0	-3.6

- Notes:**
- a) O.C.F.: Other Correction Factor
 - b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
 - c) Net = Reading + Antenna Factor - Pre-Amp + Insert. Loss.
 - d) Attn. = Field Strength (Fundamental) - Field Strength (Harmonics).
 - e) Negative signs (-) in Margin column signify levels below the limits.

HP REF 97.0 dBμV
10 dB/

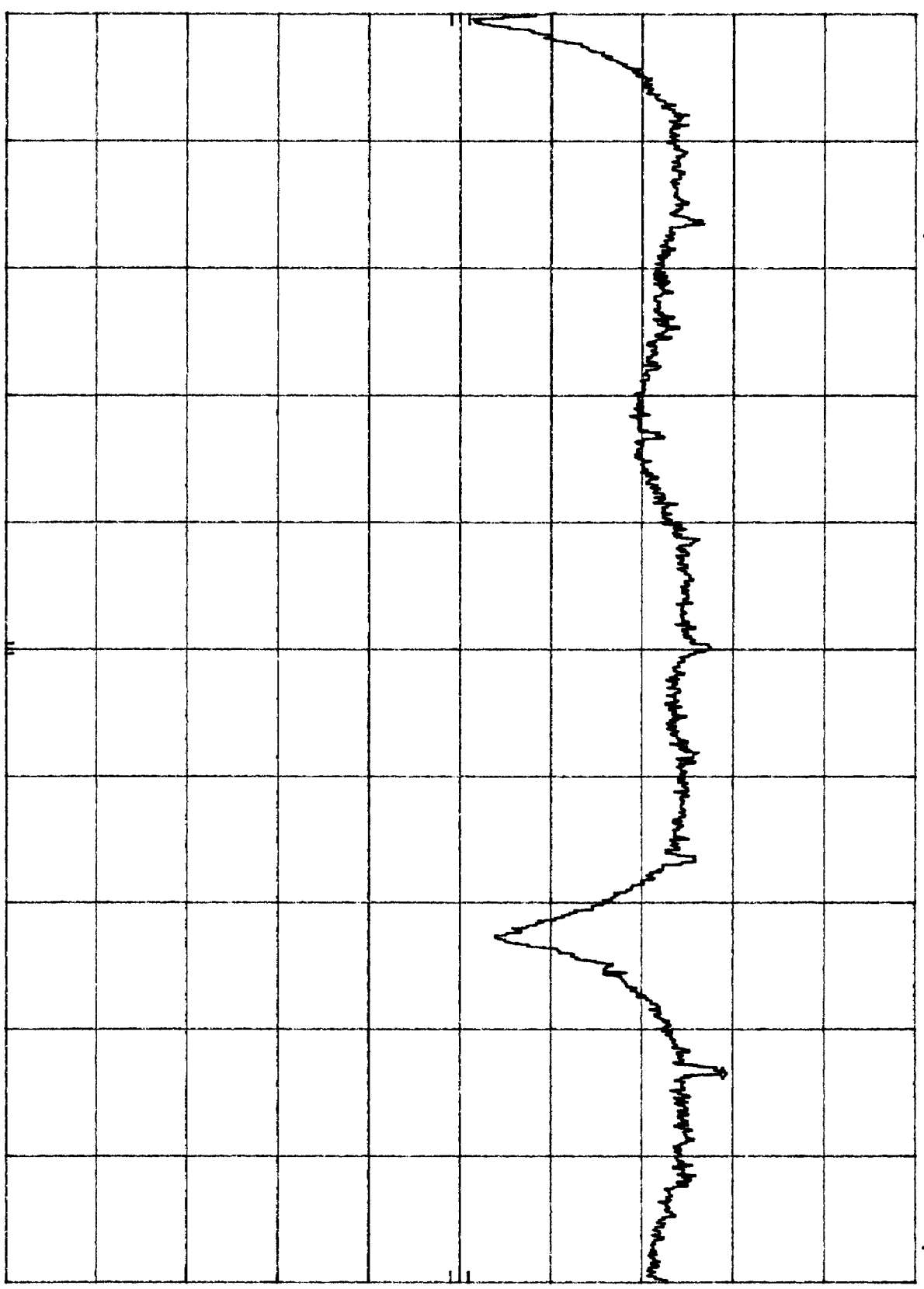
MKR 904.424 MHz
81.30 dBμV



CENTER 903.93 MHz
RES BW 100 KHz
VBW 100 KHz
SPAN 4.00 MHz
SWP 20.0 msec

h_p REF 97.0 dBμV
10 dB/

MKR 904.624 4 MHz
75.90 dBμV

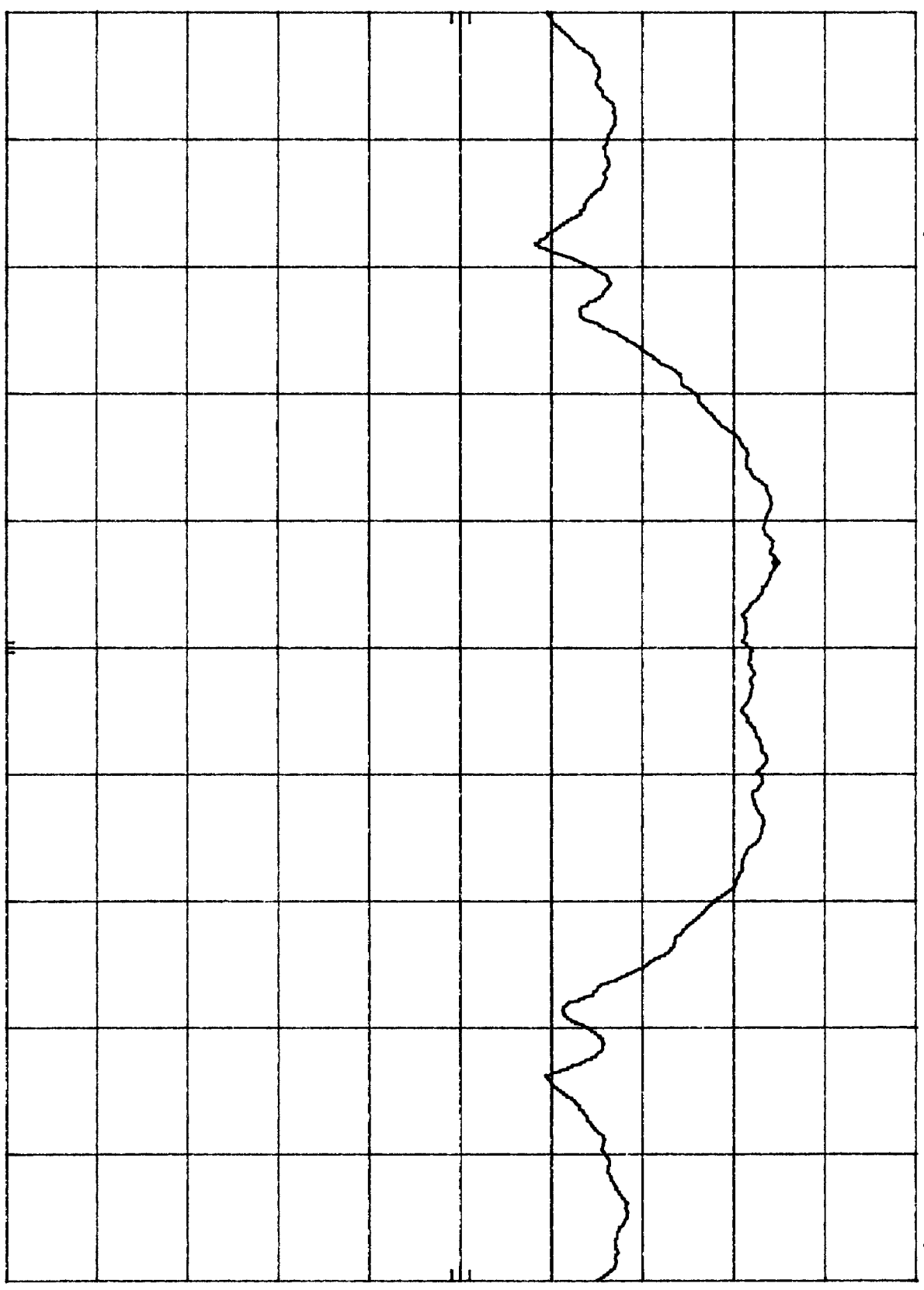


CENTER 904.424 MHz
RES BW 3 kHz
VBW 3 kHz
SPAN 600 kHz
SWP 200 sec

h_p REF 97.0 DBμV
10 DB/

ATTEN 10 DB

MKR 914.000 MHz
81.60 DBμV



CENTER 914.27 MHz
RES BW 100 KHz

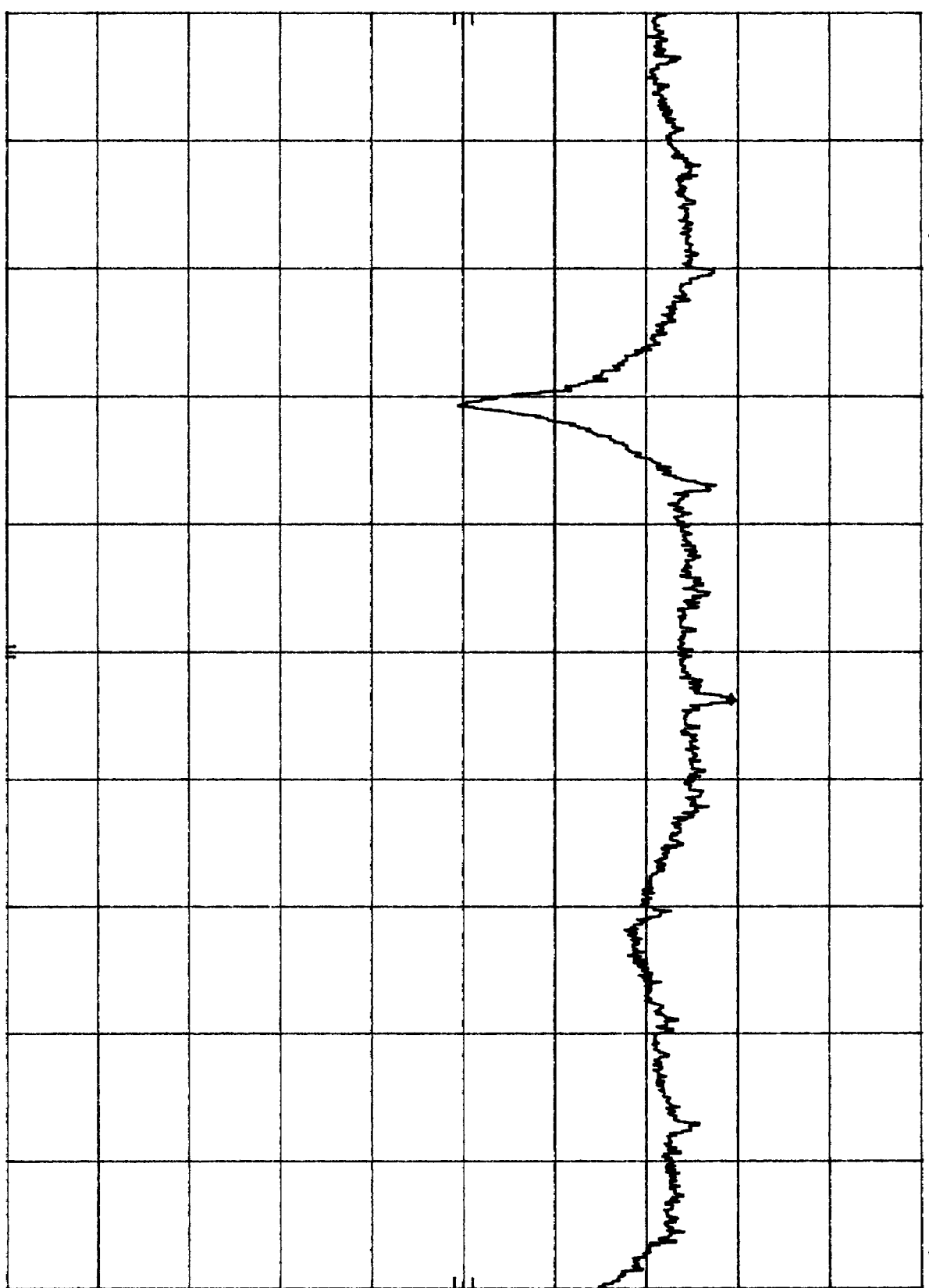
VBW 100 KHz

SPAN 4.00 MHz
SWP 20.0 msec

HP
10 dB/

REF 97.0 dBμV ATTEN 10 dB

MKR 914.022 2 MHz
76.30 dBμV

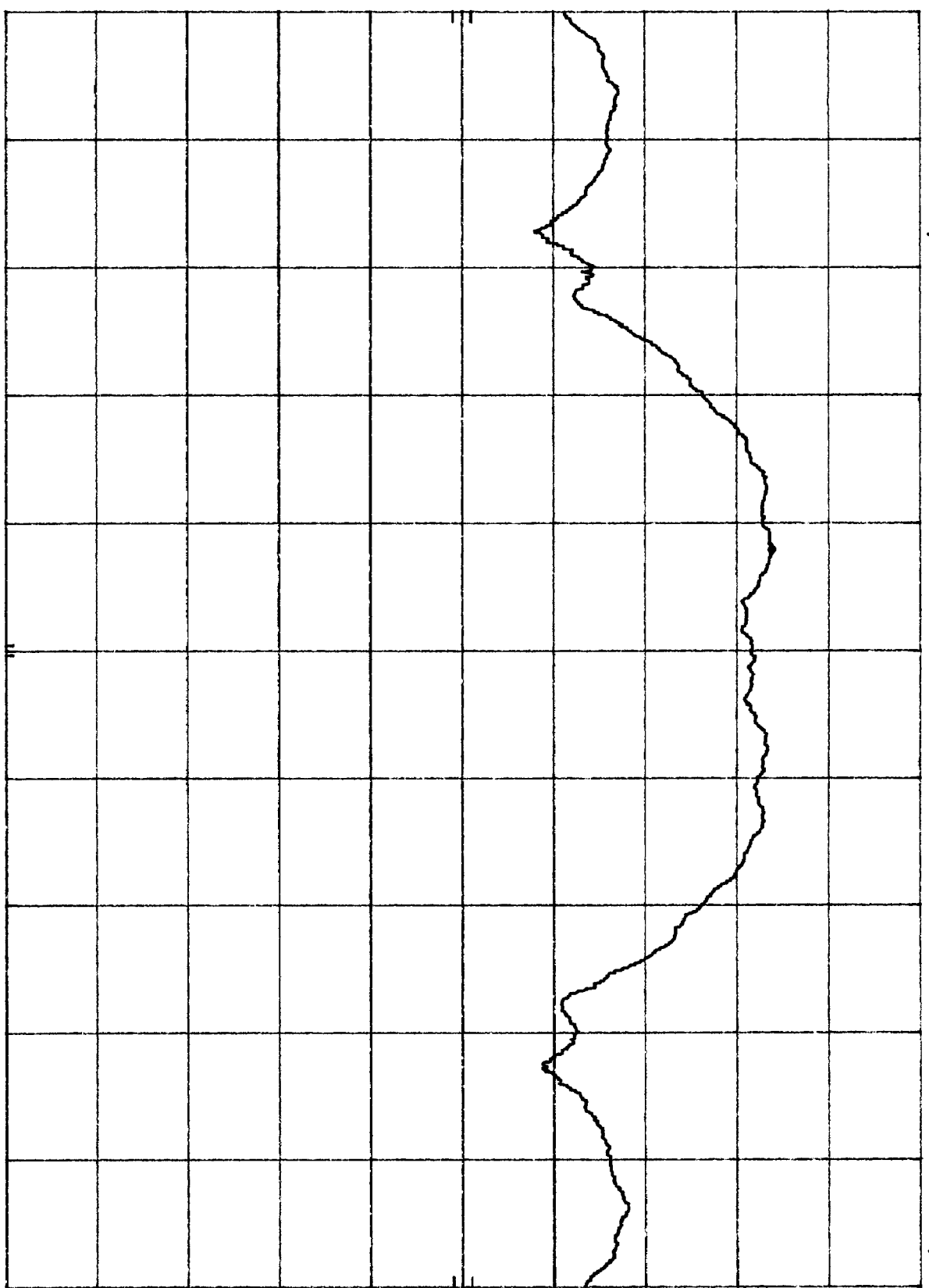


CENTER 914.000 MHz SPAN 600 kHz
RES BW 3 kHz VBW 3 kHz SWP 200 sec

HP
10 dB/

REF 97.0 dBμV ATTEN 10 dB

MKR 925.396 MHz
80.80 dBμV



CENTER 925.71 MHz
RES BW 100 kHz

VBW 100 kHz

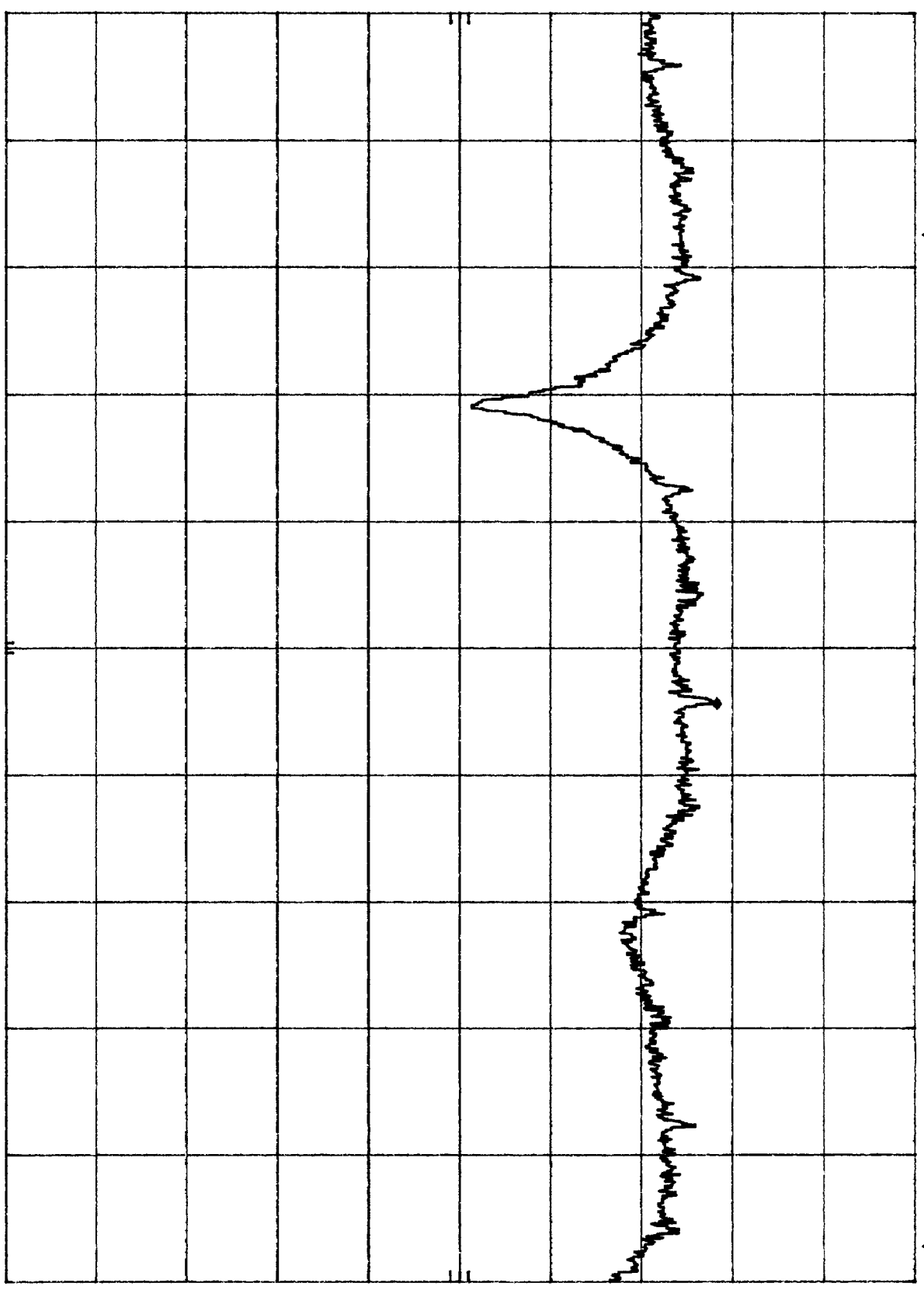
SPAN 4.00 MHz
SWP 20.0 msec

10 dB/

h₀

REF 97.0 dBμV ATTEN 10 dB

MKR 925.421 8 MHz 75.30 dBμV



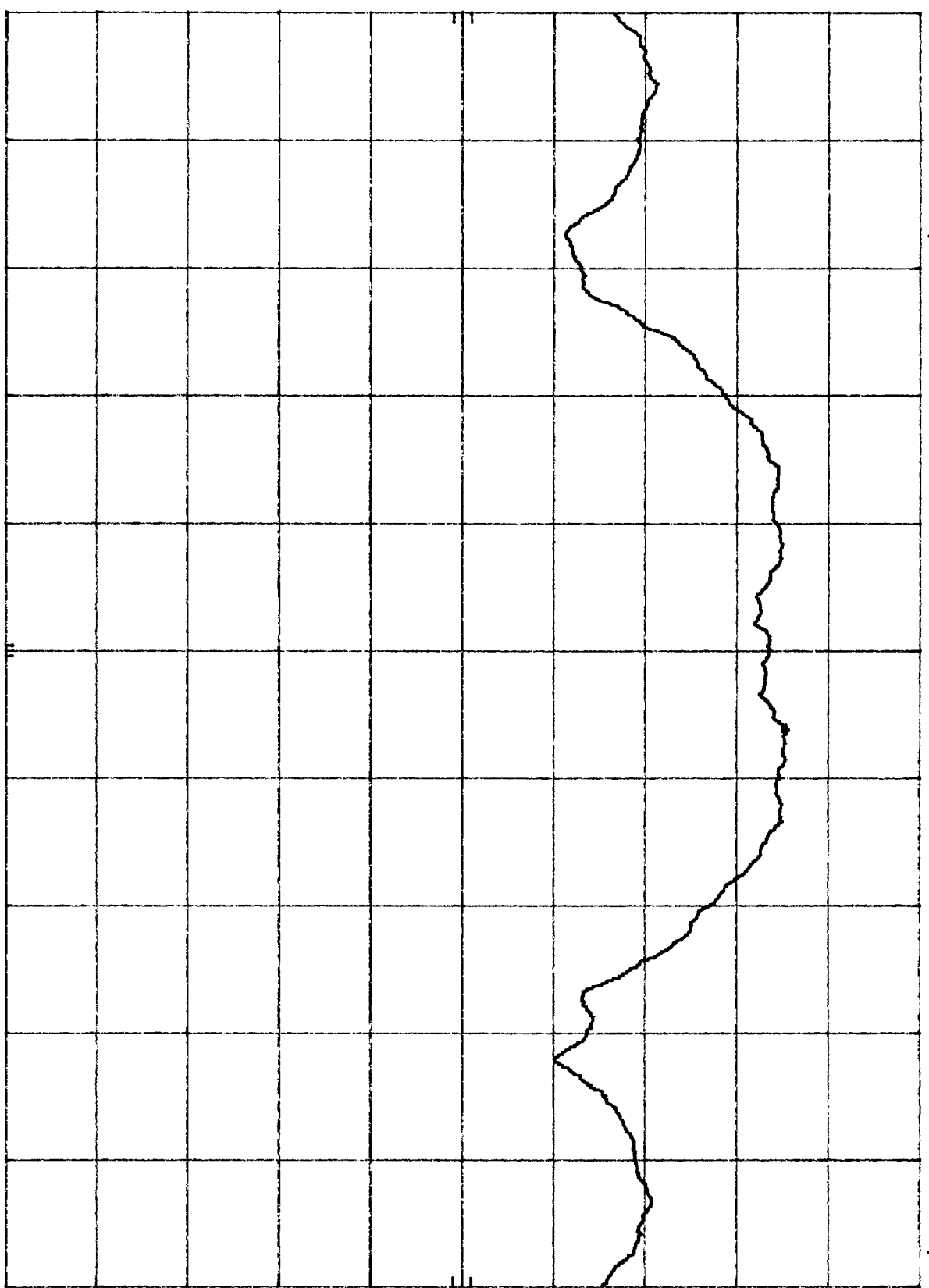
CENTER 925.396 MHz RES BW 3 kHz VBW 3 kHz SPAN 600 kHz SWP 200 sec

10 dB/

h_p

REF 97.0 dBμV ATTEN 10 dB

MKR 904.452 MHz 82.30 dBμV



CENTER 904.20 MHz
RES BW 100 kHz

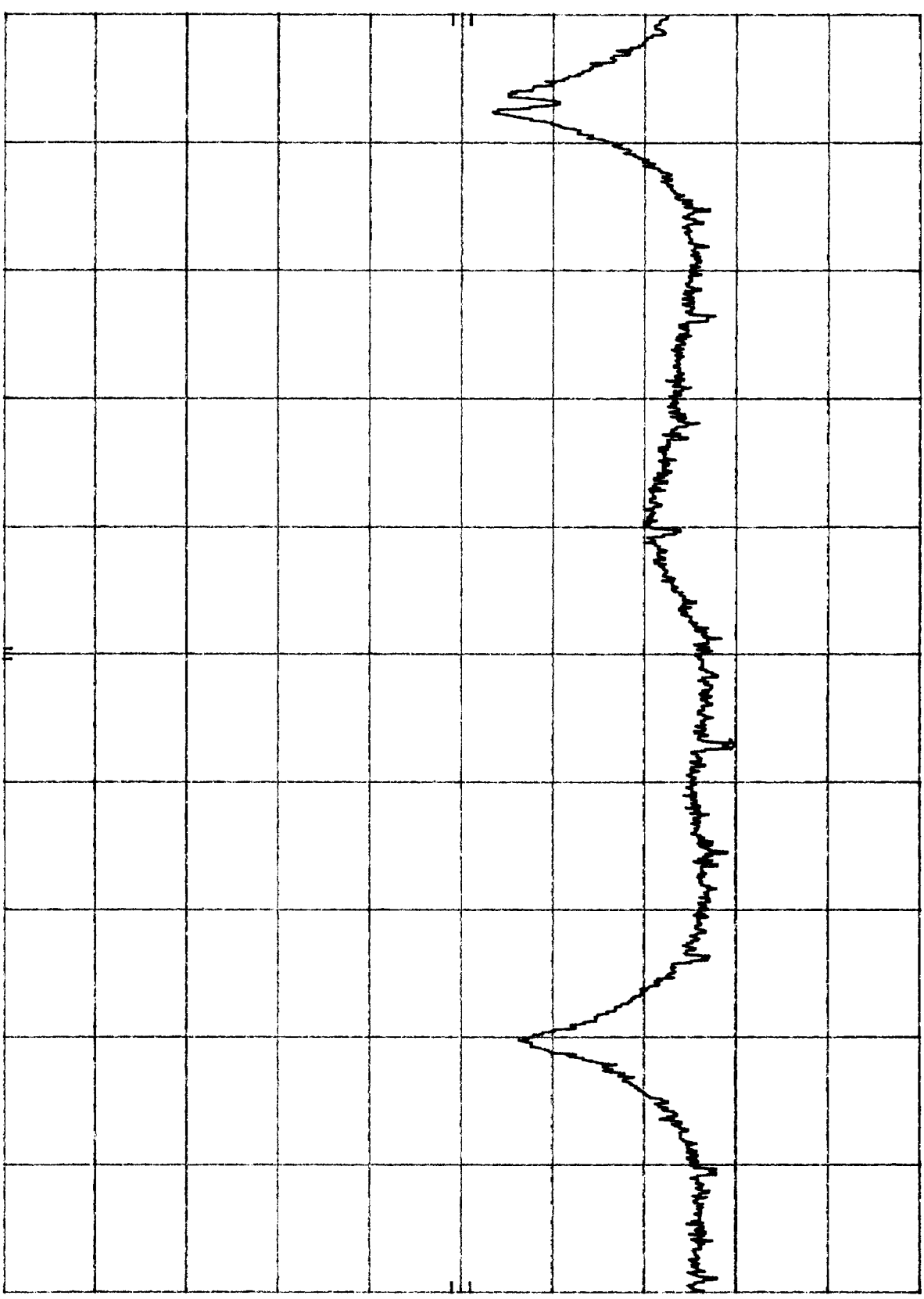
VBW 100 kHz

SPAN 4.00 MHz
SWP 20.0 msec

HP
10 dB/

REF 97.0 dBμV ATTEN 10 dB

MKR 904.494 0 MHz
76.40 dBμV



CENTER 904.452 MHz
RES BW 3 KHz

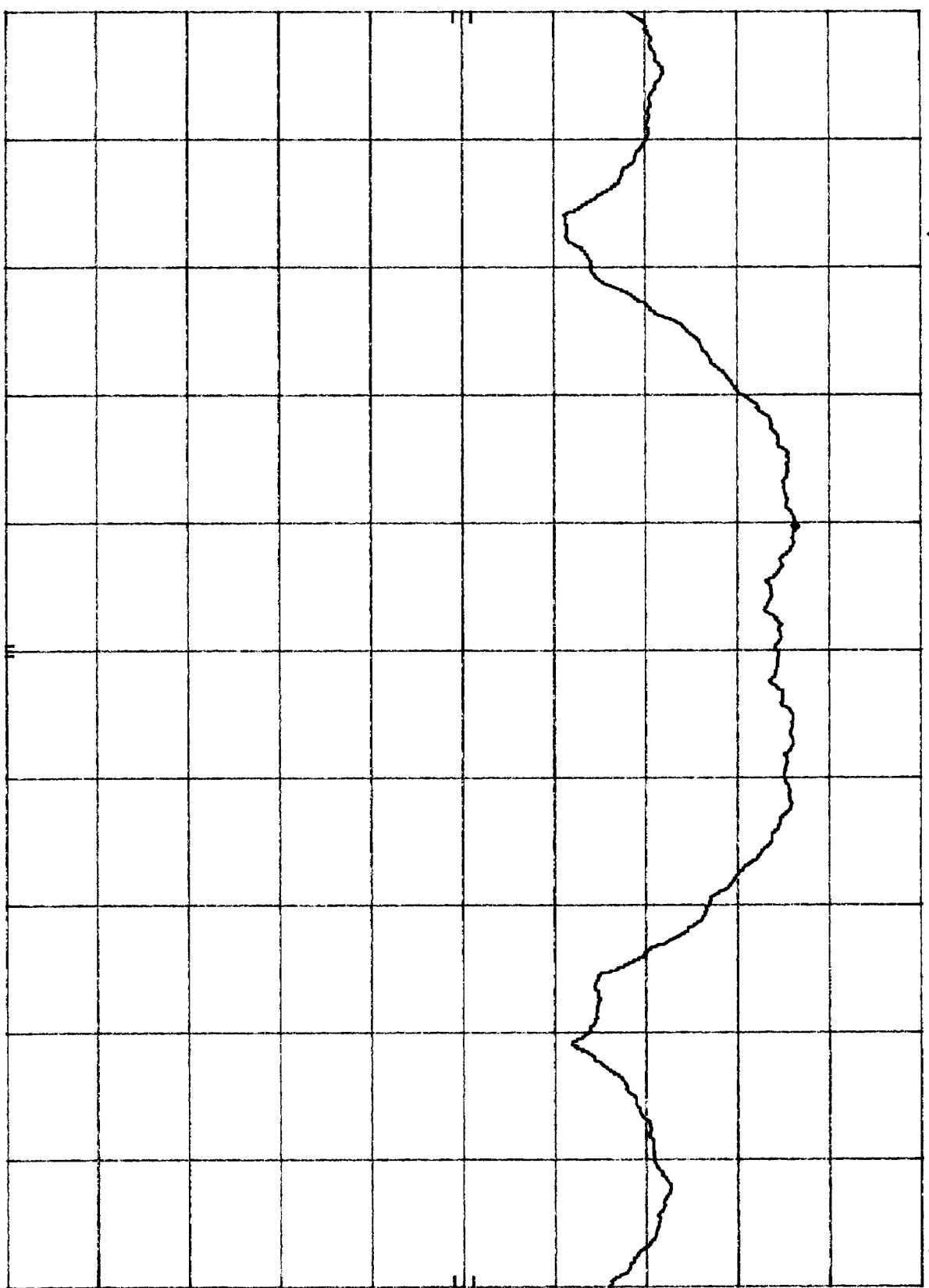
VBW 3 KHz

SPAN 600 KHz
SWP 200 sec

hp
10 dB/

REF 97.0 dBμV ATTEN 10 dB

MKR 914.060 MHz
83.30 dBμV



CENTER 914.45 MHz
RES BW 100 kHz

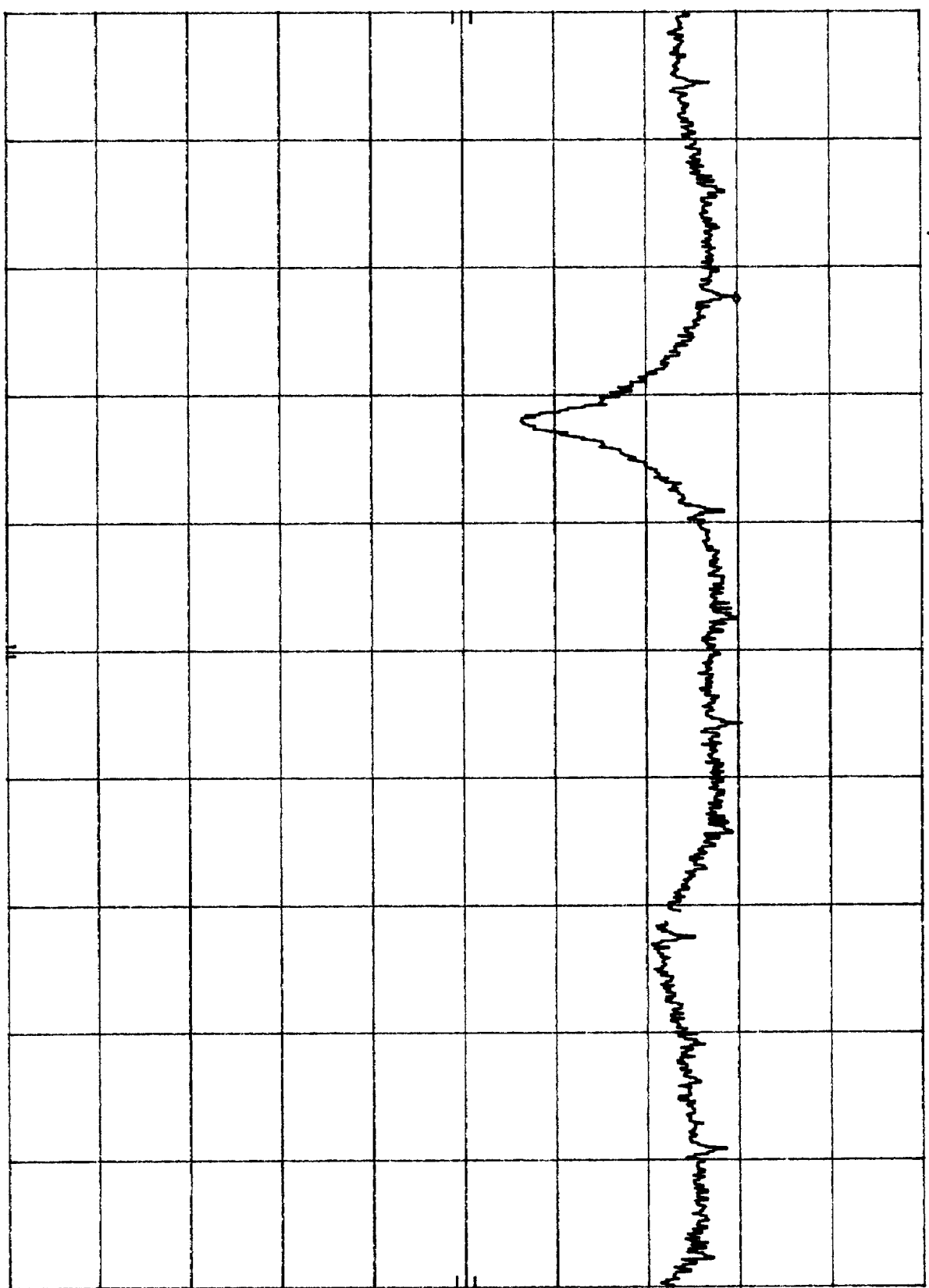
VBW 100 kHz

SPAN 4.00 MHz
SWP 20.0 msec

HP 10 dB/

REF 97.0 dBμV ATTEN 10 dB

MKR 913.894 4 MHz 76.90 dBμV



CENTER 914.060 MHz RES BW 3 kHz

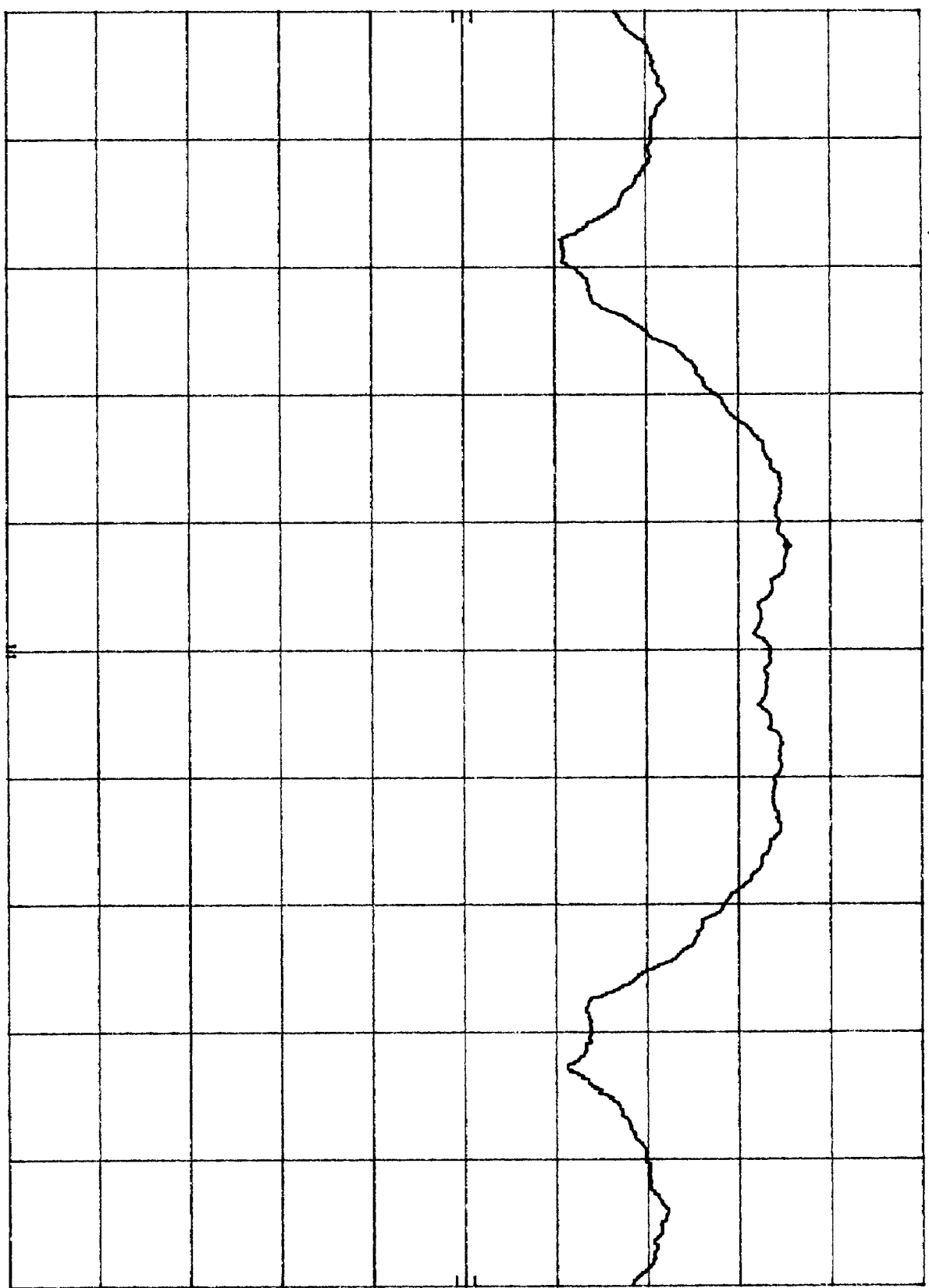
VBW 3 kHz

SPAN 600 kHz SWP 200 sec

HP
10 dB/

REF 97.0 dBμV ATTEN 10 dB

MKR 925.448 MHz
82.30 dBμV



CENTER 925.77 MHz
RES BW 100 kHz

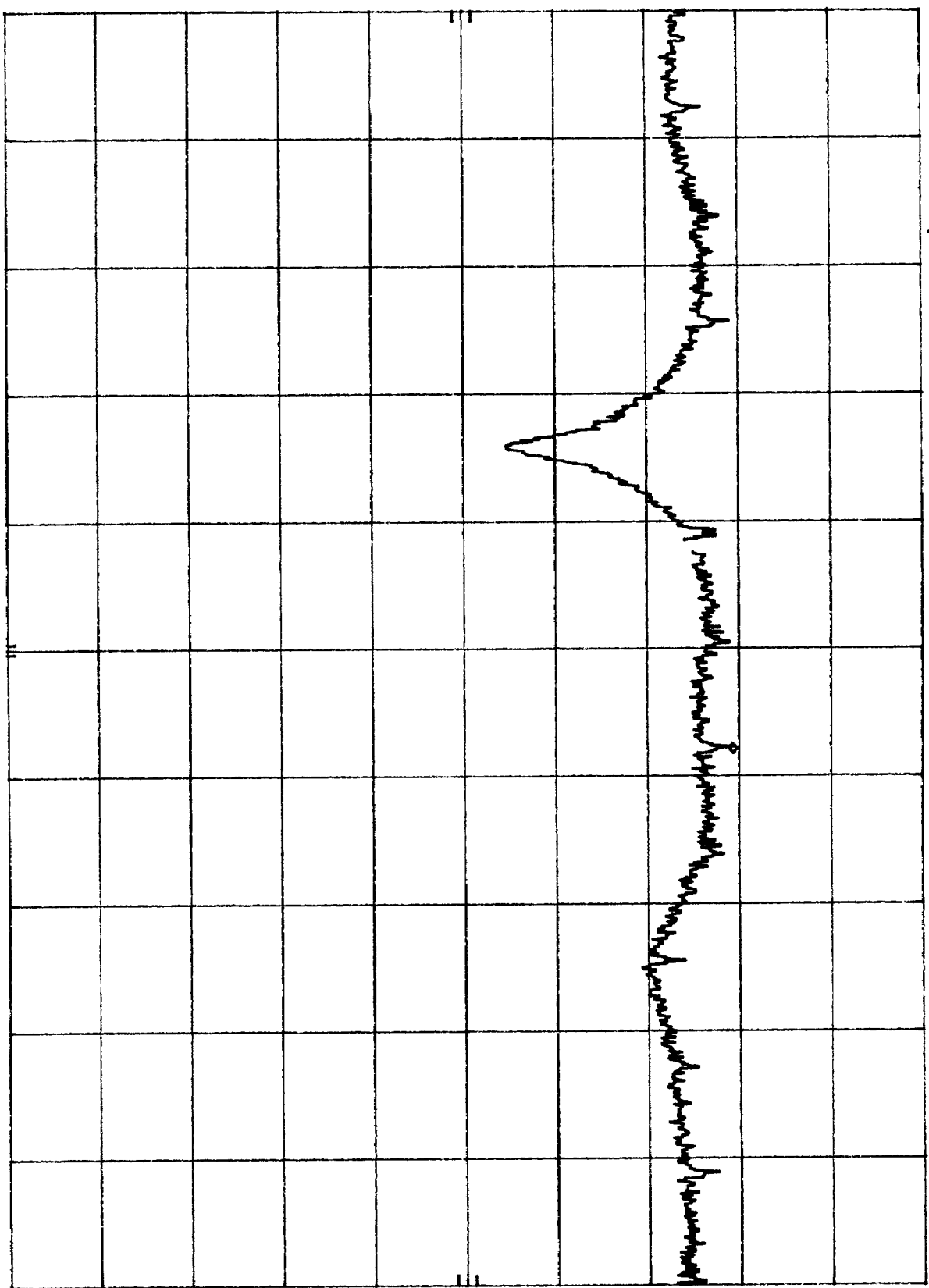
VBW 100 kHz

SPAN 4.00 MHz
SWP 20.0 msec

HP
10 dB/

REF 97.0 dBμV ATTEN 10 dB

MKR 925.494 8 MHz
76.30 dBμV



CENTER 925.448 MHz
RES BW 3 kHz
VBW 3 kHz
SPAN 600 kHz
SWP 200 sec