

13 Duty Cycle

13.1 Duty Cycle

Base Unit: $1.000\text{ms} \times 4 \times 10 / 100 \text{ ms} = 40\%$
 Handset Unit: $1.000\text{ms} \times 1 \times 10 / 100 \text{ ms} = 10\%$

13.2 Corrected Conducted Output Power

Base Unit			
Channel Plan	Conducted Output Power (dBm)	Duty cycle	Corrected Conducted Output Power (mW)
Low Channel	14.50	40%	11.27
Middle Channel	14.33	40%	10.84
High Channel	13.33	40%	8.612
Handset Unit			
Low Channel	17.17	10%	5.212
Middle Channel	17.50	10%	5.623
High Channel	18.50	10%	7.079

13.3 Duty Cycle Plot

Please see Appendix 6 and Appendix 8 for details.

Appendix 7: Plotted Data for Duty Cycle

5052

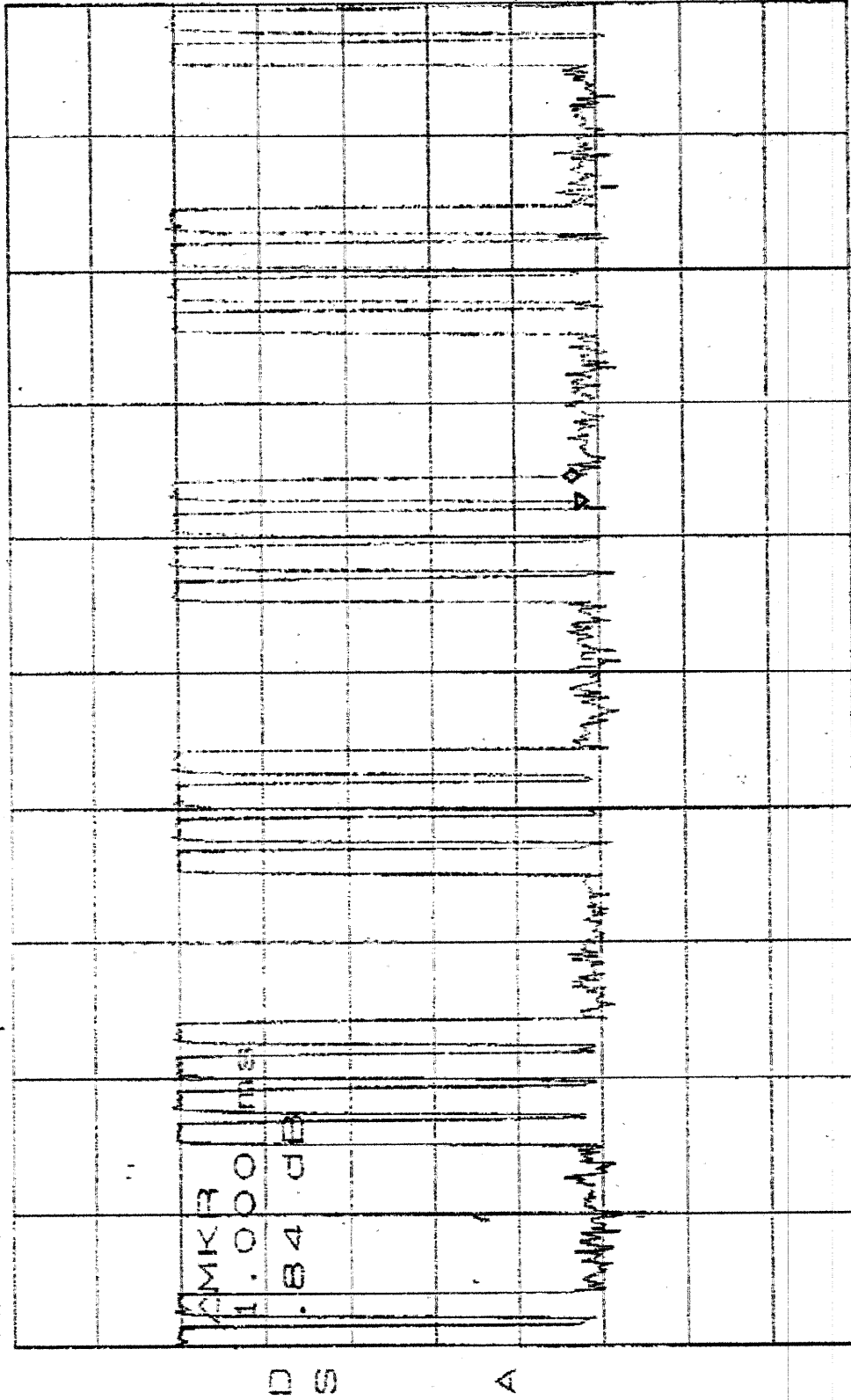
#10

896 3 5776854

TECOM

01-12-05 10:06 AM

ATTEN 10dB ΔMKR .84dB
PL 92.0dBW 10dB/ 1.000ms



CENTER 2.404583333GHz SPAN 0Hz
*RBW 100kHz *VBW 100kHz *SWP 50.0ms

FM:TECOM

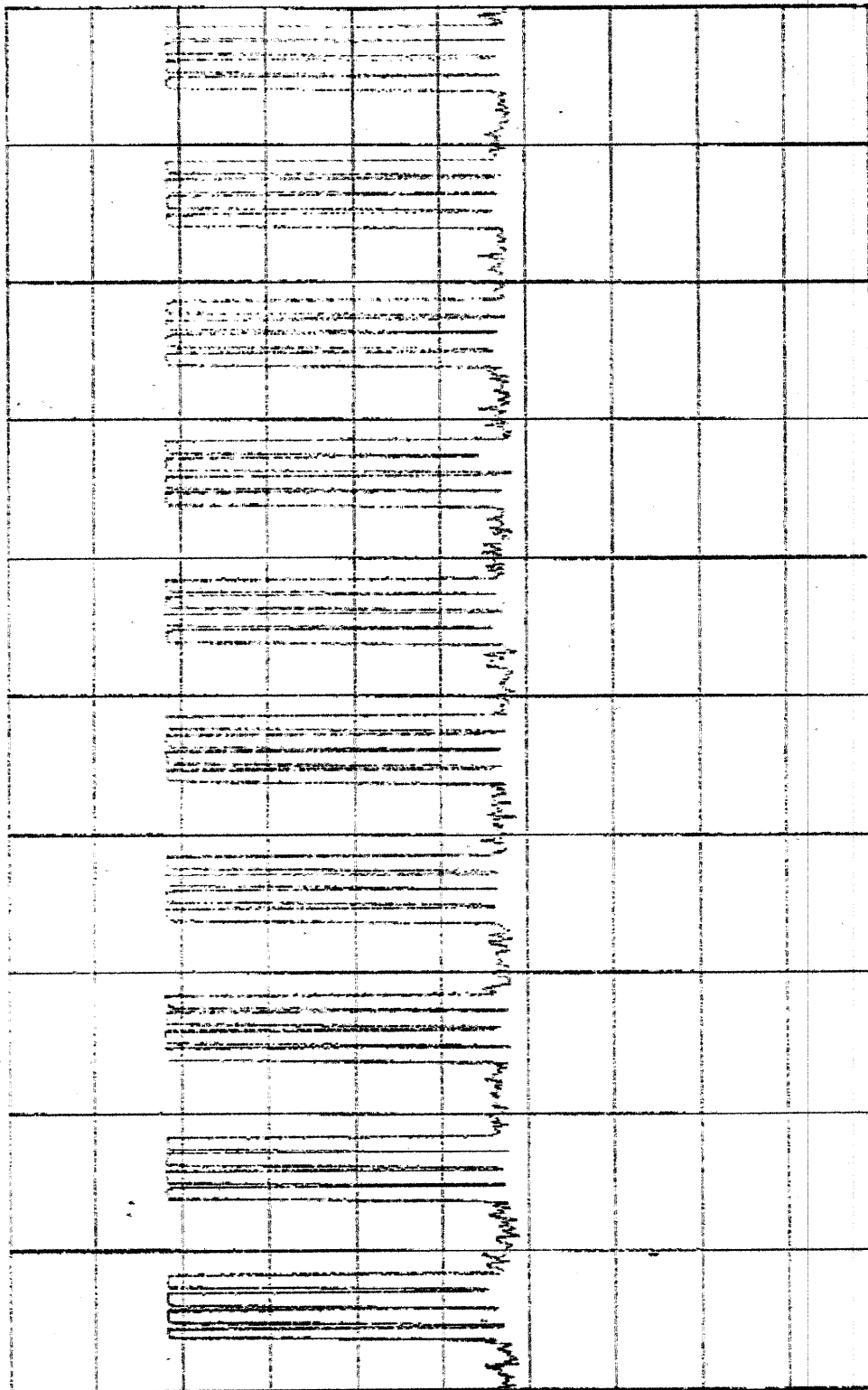
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base

ATTEN: 10dB

PL: 52.0dBm

10dB/



0 5

CENTER 2.404583333GHz SPAN 0Hz
*RBW 1.0MHz *VBW 1.0MHz *SMP 100ms

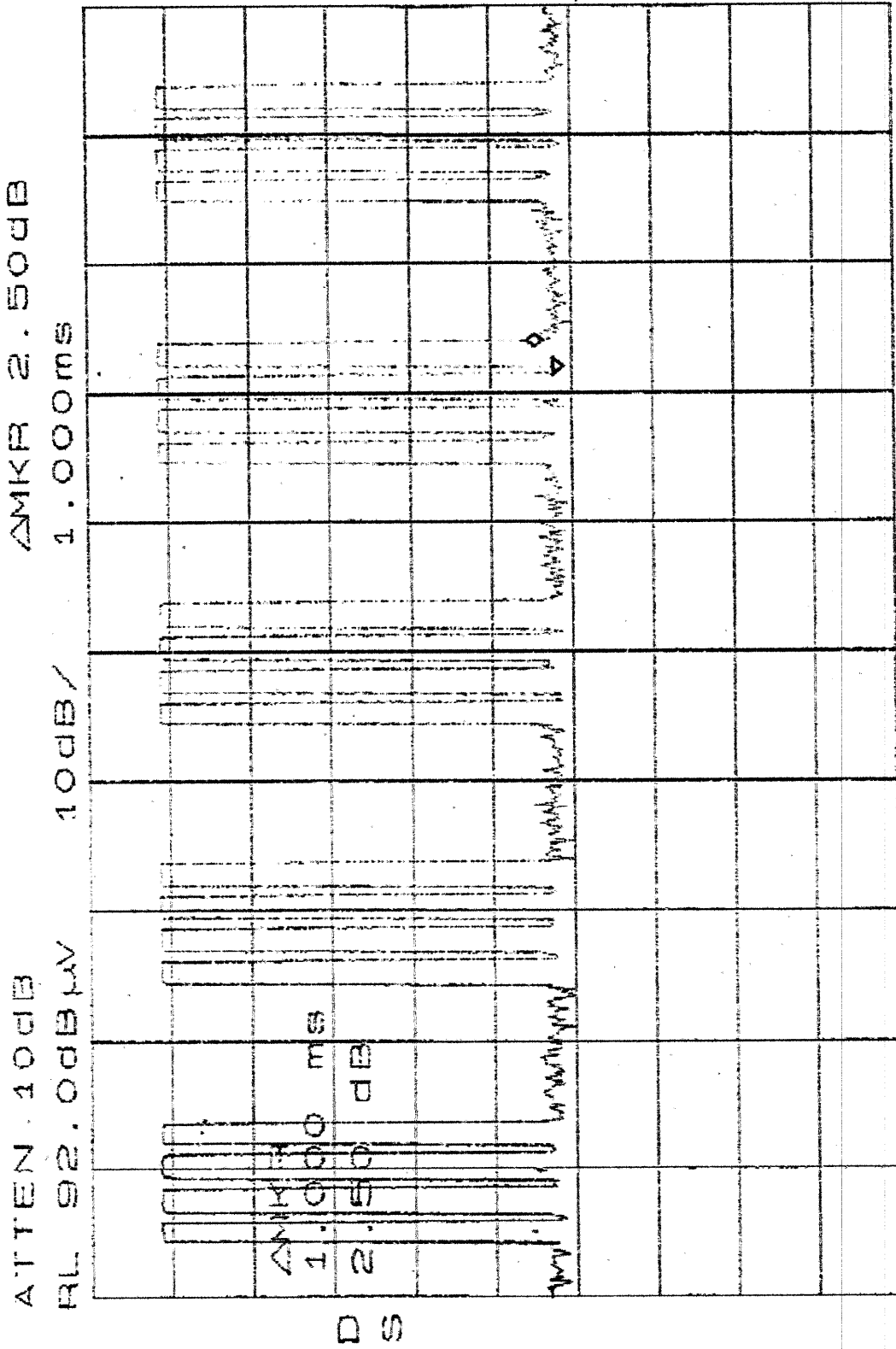
base

#11

886 3 5776854

TECOM

01-12-05 10:07 AM

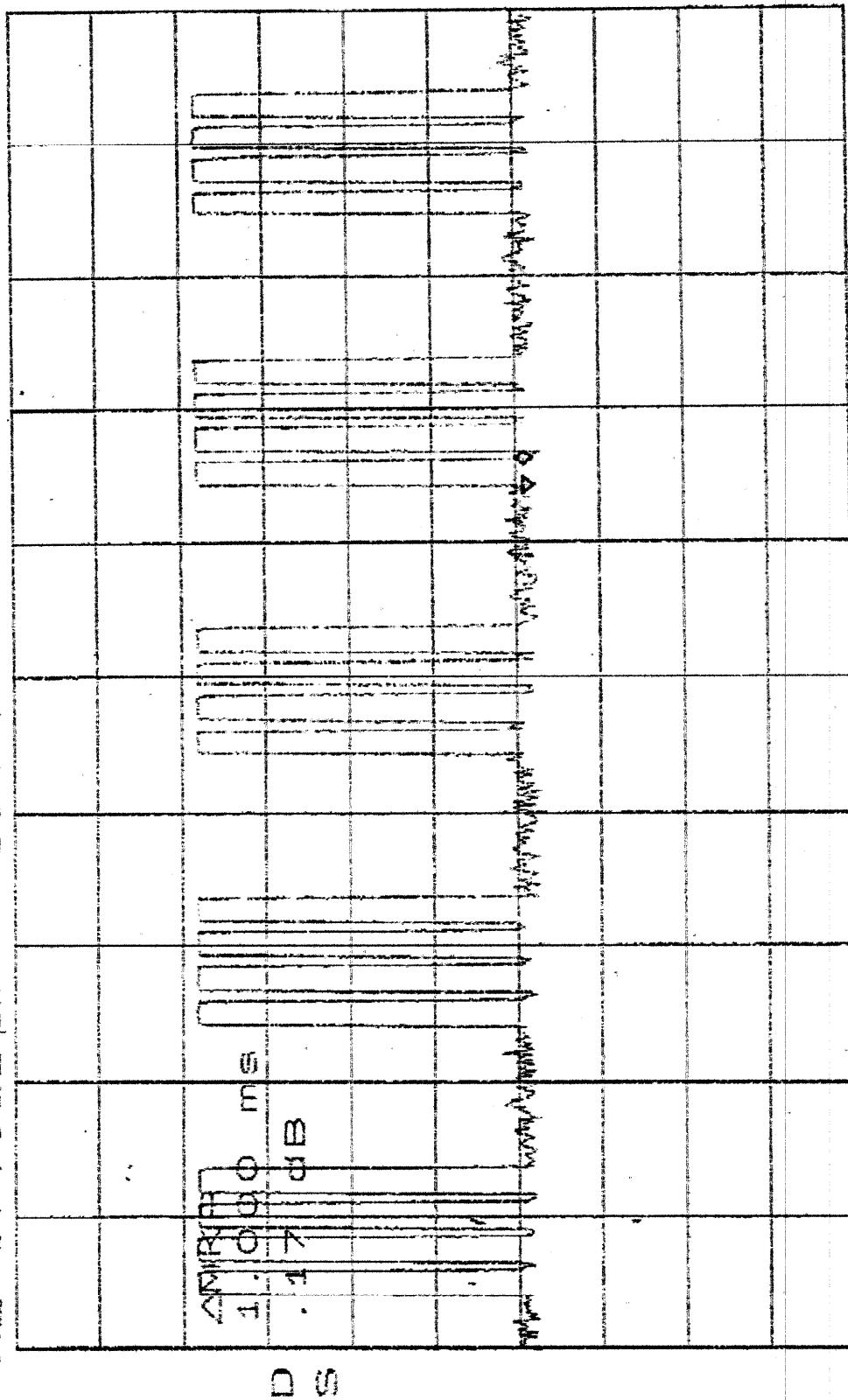


CENTER 2.437415000GHZ SPAN 01HZ
*FREQ 1.0MHZ *VBW 1.0MHZ *SWP 50.0MS

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Base

ATTEN 10dB ΔMKR .17dB
RL 97.0dBμV 10dB/ 1.000ms



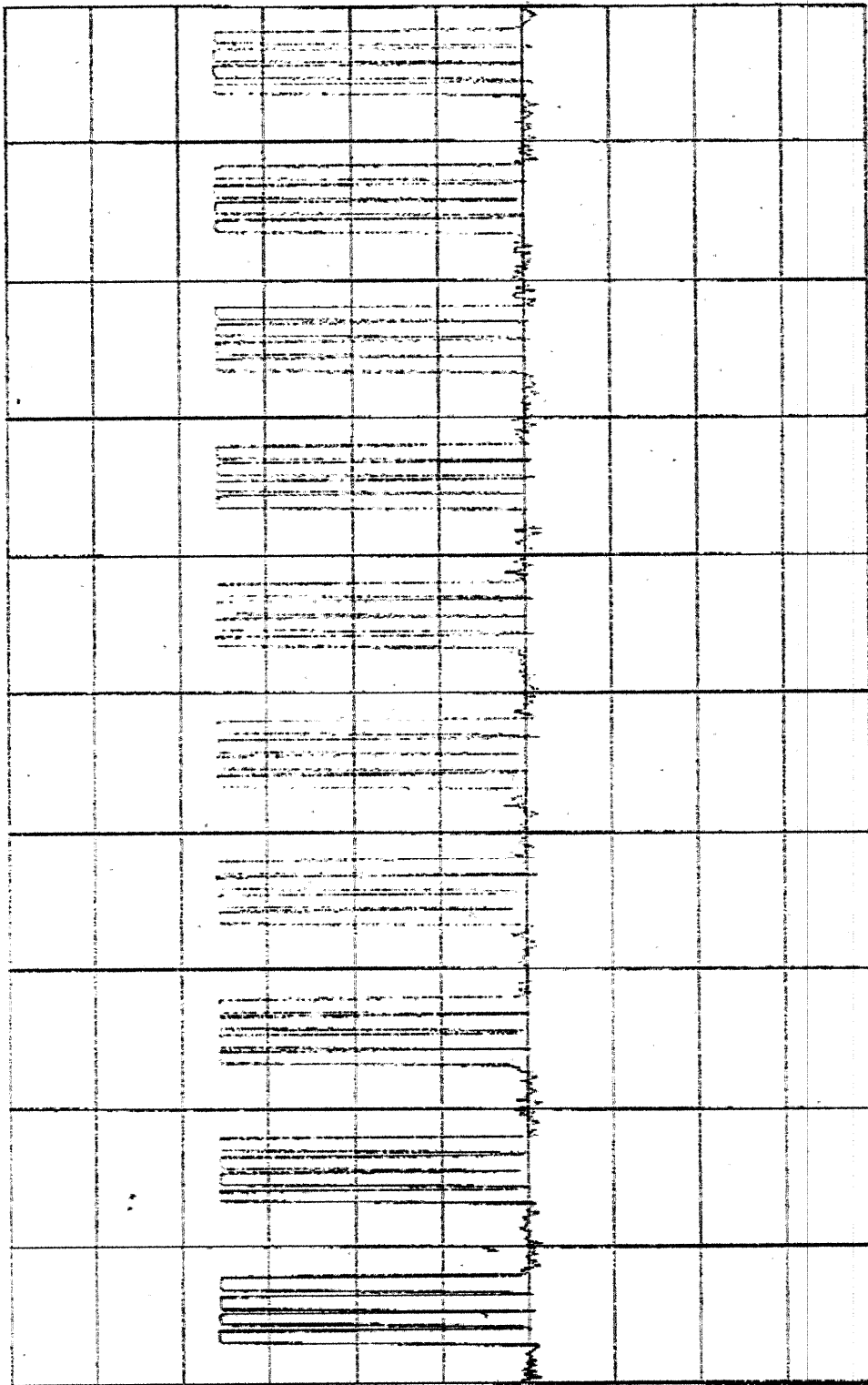
CENTER 2.479800000GHZ SPAN 0HZ
*RBW 1.0MHZ VBW 1.0MHZ SWP 50.0ms

Base

ATTEN 10dB

PL -10.0dBm

10dB/



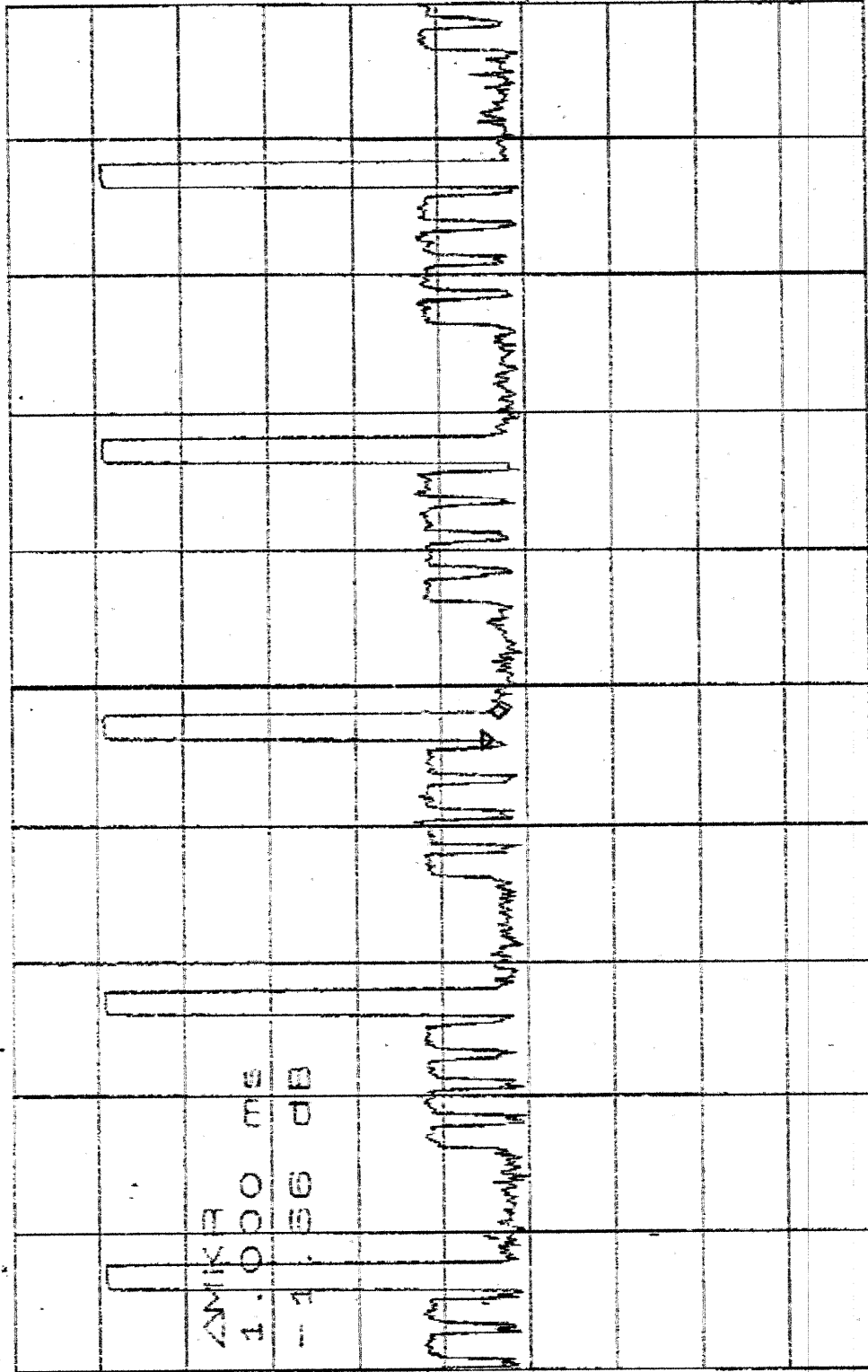
DS

CENTER 2.479800000GHZ SPAN 0HZ
RBW 1.0MHZ VBW 1.0MHZ SWP 100MS

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Flawless.

ATTEN: 10dB ΔMKR -1.66dB
RL 92.0dBμV 10dB/ 1.000ms

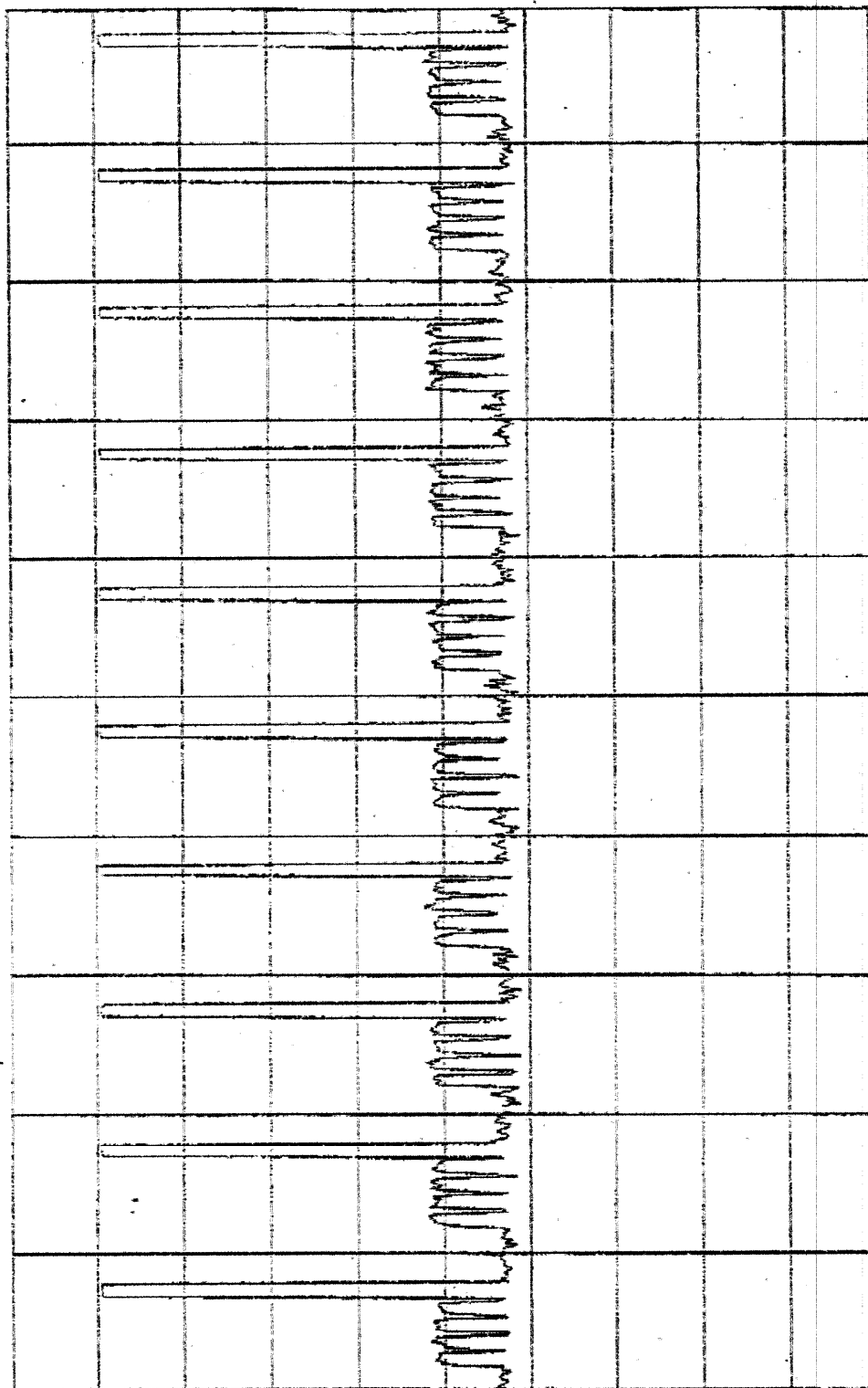


DS

CENTER 2.404733336GHZ SPAN 0HZ
*RBW 1.0MHZ *VBW 1.0MHZ *SWP 50.0ms

Handset

ATTEN 10dB
RL 92.0dBV 10dB/



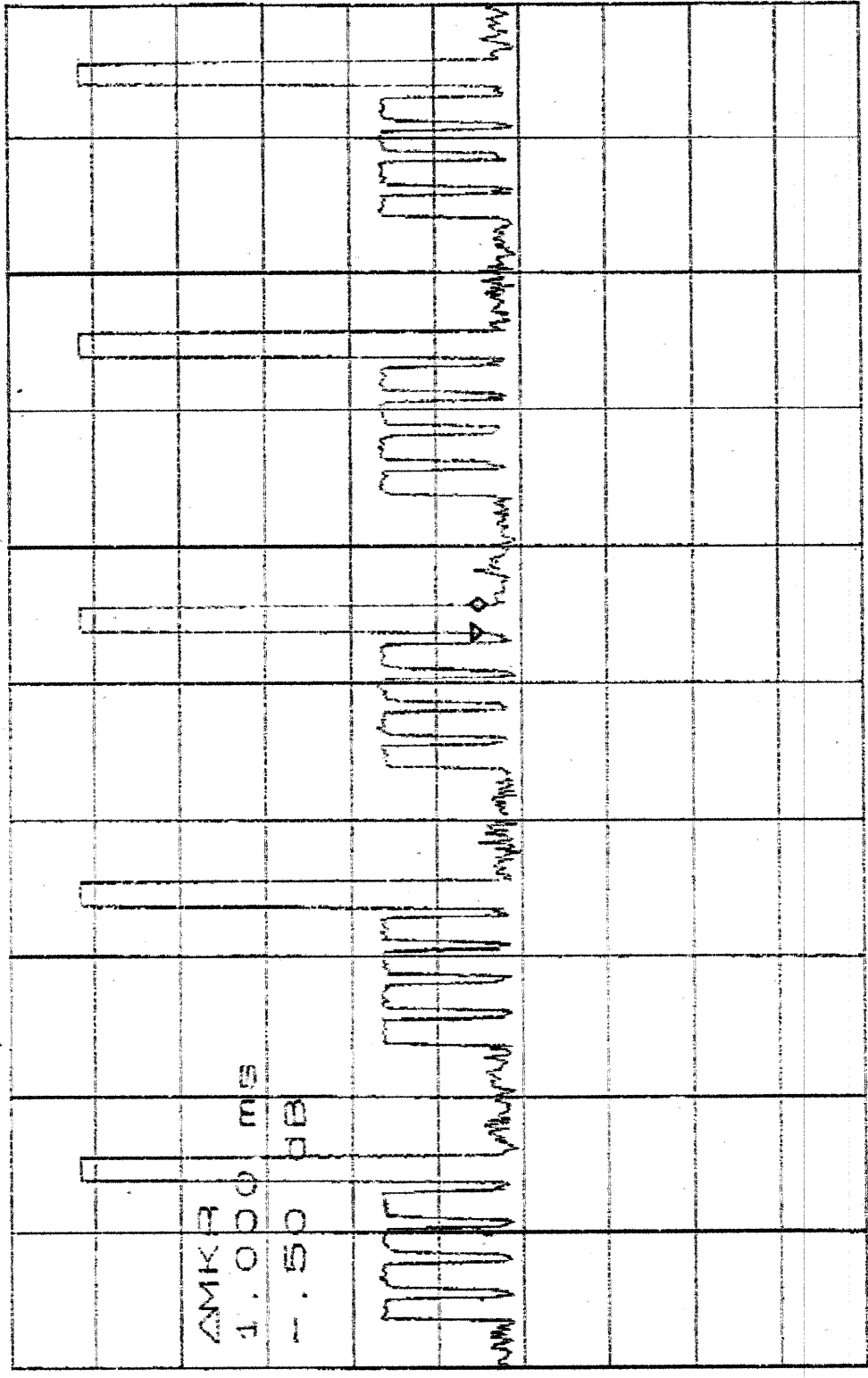
DS

CENTER 2.404733336GHZ
*RBW 1.0MHZ *VBW 1.0MHZ
SPAN 0HZ *SWP 100MS

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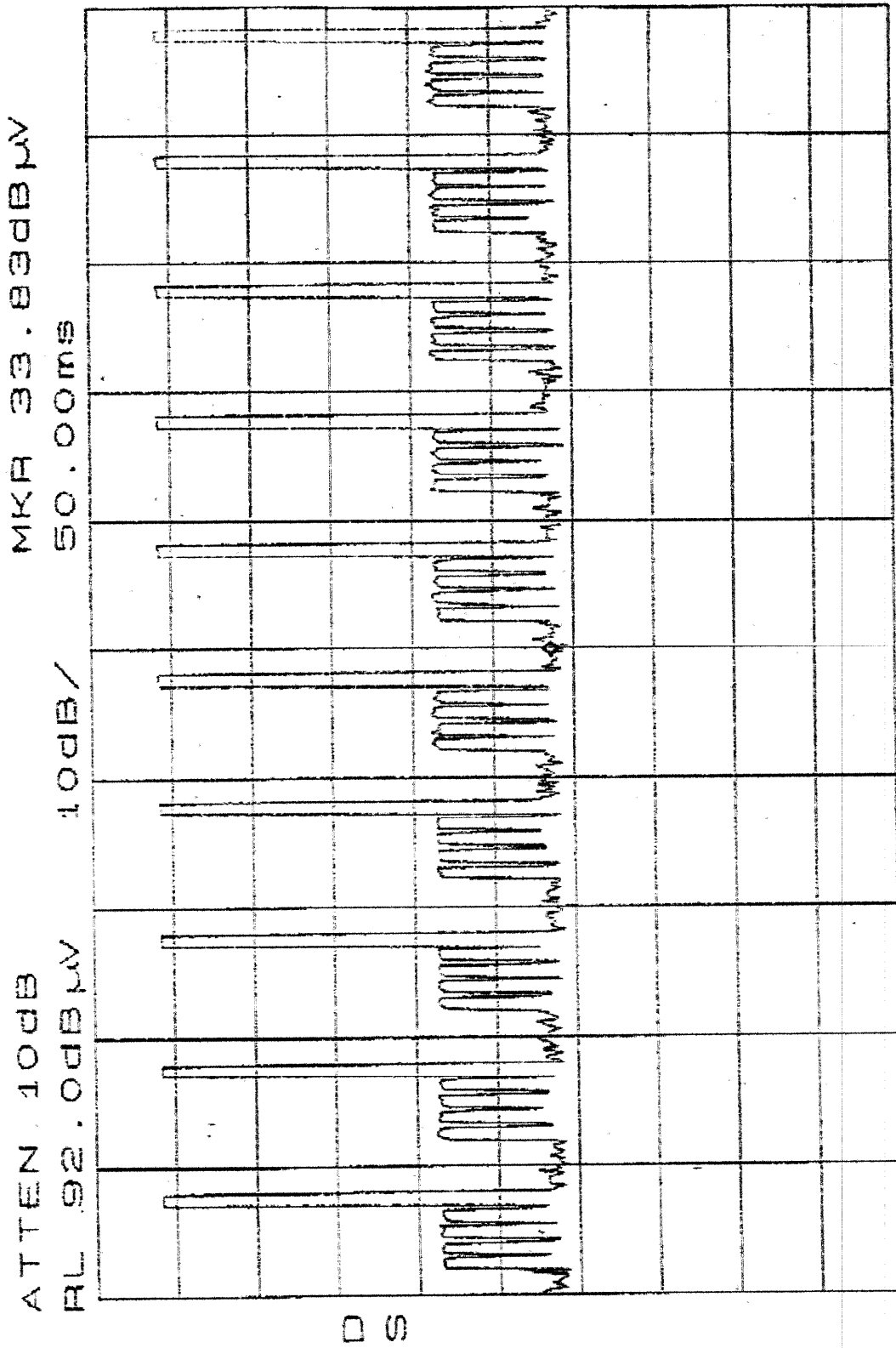
HANSEN

ATTEN 10dB ΔMKR - .50dB
PL 92.0dBμV 10dB/ 1.000ms



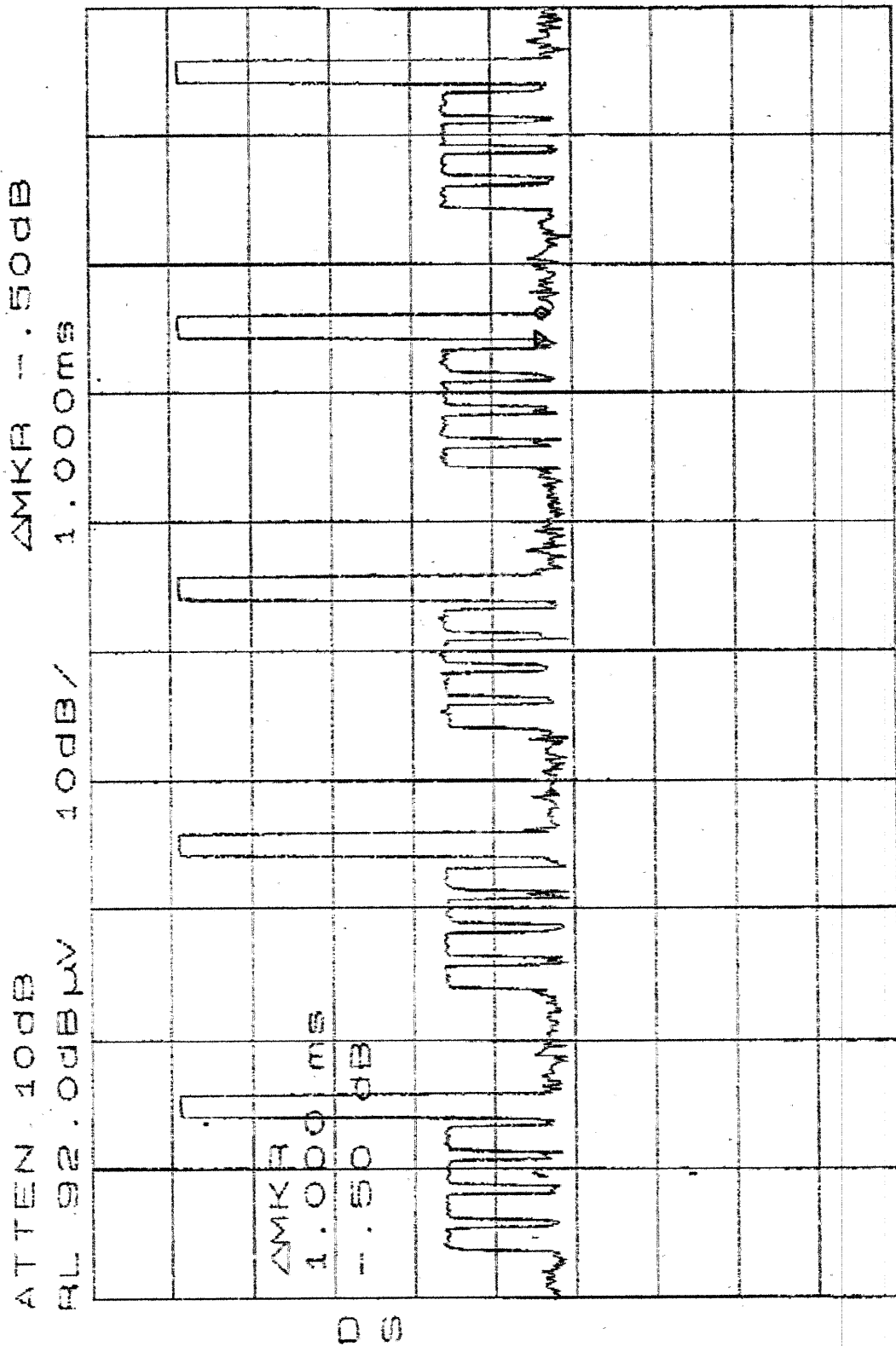
CENTER 2.437558333GHZ SPAN 0HZ
*RES 1.0MHZ *VBW 1.0MHZ *SSWP 50.0MS

Handset



CENTER 2.4375583330-HZ SPAN 0HZ
*RBW 1.0MHZ *VBW 1.0MHZ *SWP 100ms

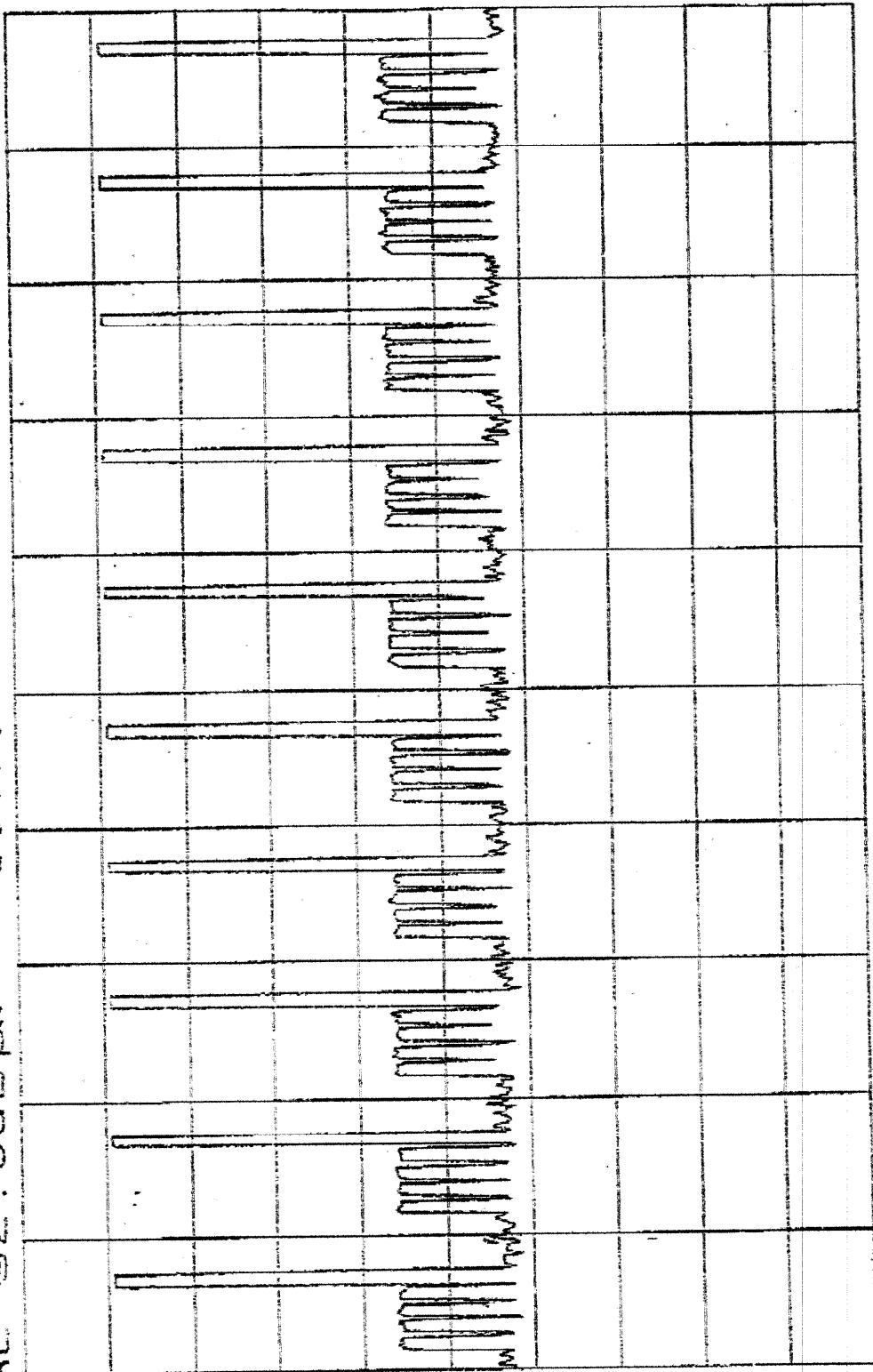
Handset



CENTER 2.479783334GHz
SPAN 0MHz
*RBW 1.0MHz *VBW 1.0MHz
*RESW 50.0MHz

Handset

ATTEN 10dB
RL 92.0dBμV 10dB/



0 0

CENTER 2.479783334GHZ
*RBW 1.0MHZ *VBW 1.0MHZ
SPAN 0HZ *SWP 100MS

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