

These are the new data sheets and plots for the transmitters of the Videoscanner and the Triscanner. The earlier measurements were incorrect. I did not have the units operating properly. The new plots clearly show the fundamental. This was the only signal seen above the ambient noise, even when the antenna was moved to .1m from the EUT's.

FCC RADIATED DATA SHEET									
EUT: Videoscanner					DATE: 3/16/99				
Rule Part: 15.209					CUSTOMER NAME: Zircon				
					WORK ORDER: 81220202Ba				
					FILE: 8122202Ba.xls				
Antenna: Rod					ATTN dB: 0.0				
Modulation Type:					DUTY dB: 0.0				
Tested By: Chris					HP IL dB: 0.0				
Comments: 1 meter antenna distance					DIST dB: 50 from .009 to .490MHz				
FREQ. MHz	READING dB(uV)	Pk, QP, or Av	A.F. dB	Cable loss dB	AMP dB	O.C.F. dB	TOTAL, dB(uV/m)	LIMIT dB(uV/m)	DELTA dB
0.083	46.7	PK	17.5	0.1	0.0	50.0	14.29	29.5	-15.2

FCC RADIATED DATA SHEET									
EUT: Triscanner					DATE: 3/16/99				
Rule Part: 15.209					CUSTOMER NAME: Zircon				
					WORK ORDER: 81220202Aa				
					FILE: 8122202Aa.xls				
Antenna: Rod					ATTN dB: 0.0				
Modulation Type:					DUTY dB: 0.0				
Tested By: Chris					HP IL dB: 0.0				
Comments: 1 meter antenna distance					DIST dB: 50 from .009 to .490MHz				
FREQ. MHz	READING dB(uV)	Pk, QP, or Av	A.F. dB	Cable loss dB	AMP dB	O.C.F. dB	TOTAL, dB(uV/m)	LIMIT dB(uV/m)	DELTA dB
0.082	43.0	PK	17.5	0.1	0.0	50.0	10.62	29.5	-18.9

Ambient signal during N94TS measurements

ATTEN 10dB

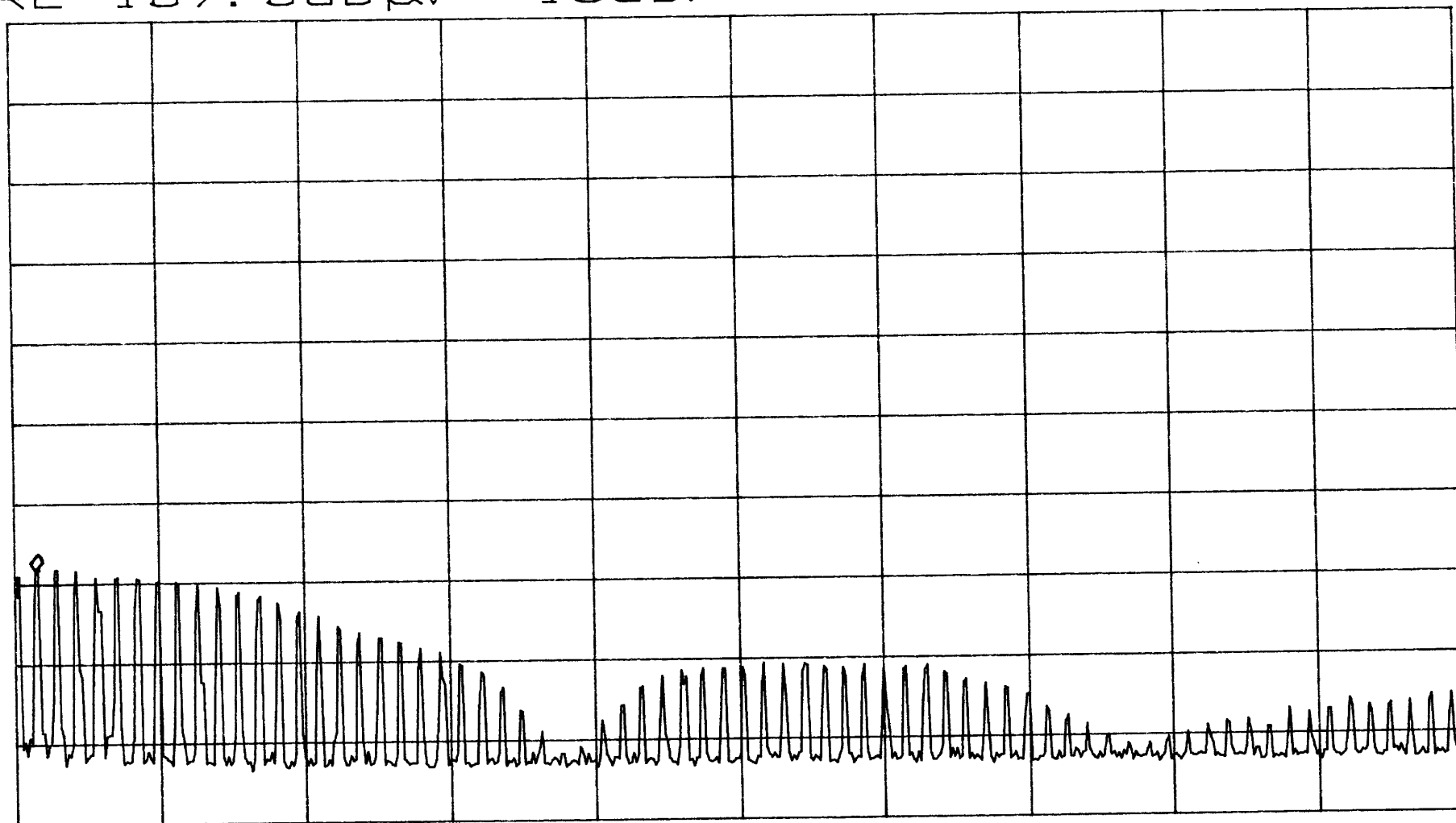
MKR 38.83dBμV

3-16-99

RL 107.0dBμV

10dB/

24.9kHz



START 10.0kHz

STOP 1.0000MHz

*RBW 1.0kHz

VBW 1.0kHz

SWP 2.5sec

Zircon N94TS Triscanner Fundamental Mesurement

ATTEN 10dB

Antenna distance 1 meter

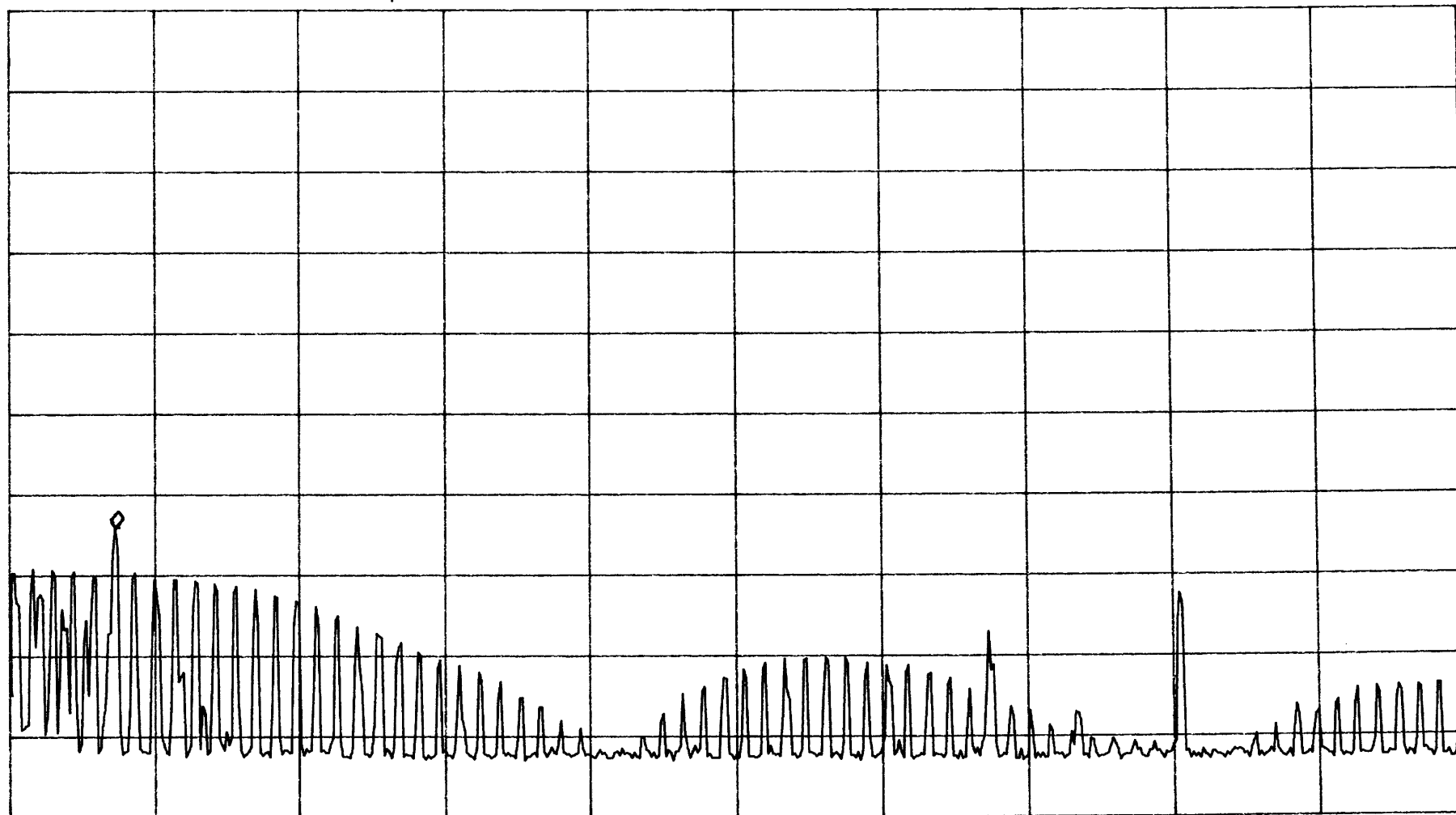
MKR 43.00dBμV

RL 107.0dBμV

10dB/

81.7kHz

3-16-99



START 9.0kHz

STOP 1.0000MHz

RBW 1.0kHz

VBW 1.0kHz

SWP 2.5sec

Zircon N94TS Videoscanner Fundamental Measurement

ATTEN 10dB

Antenna distance 1 meter

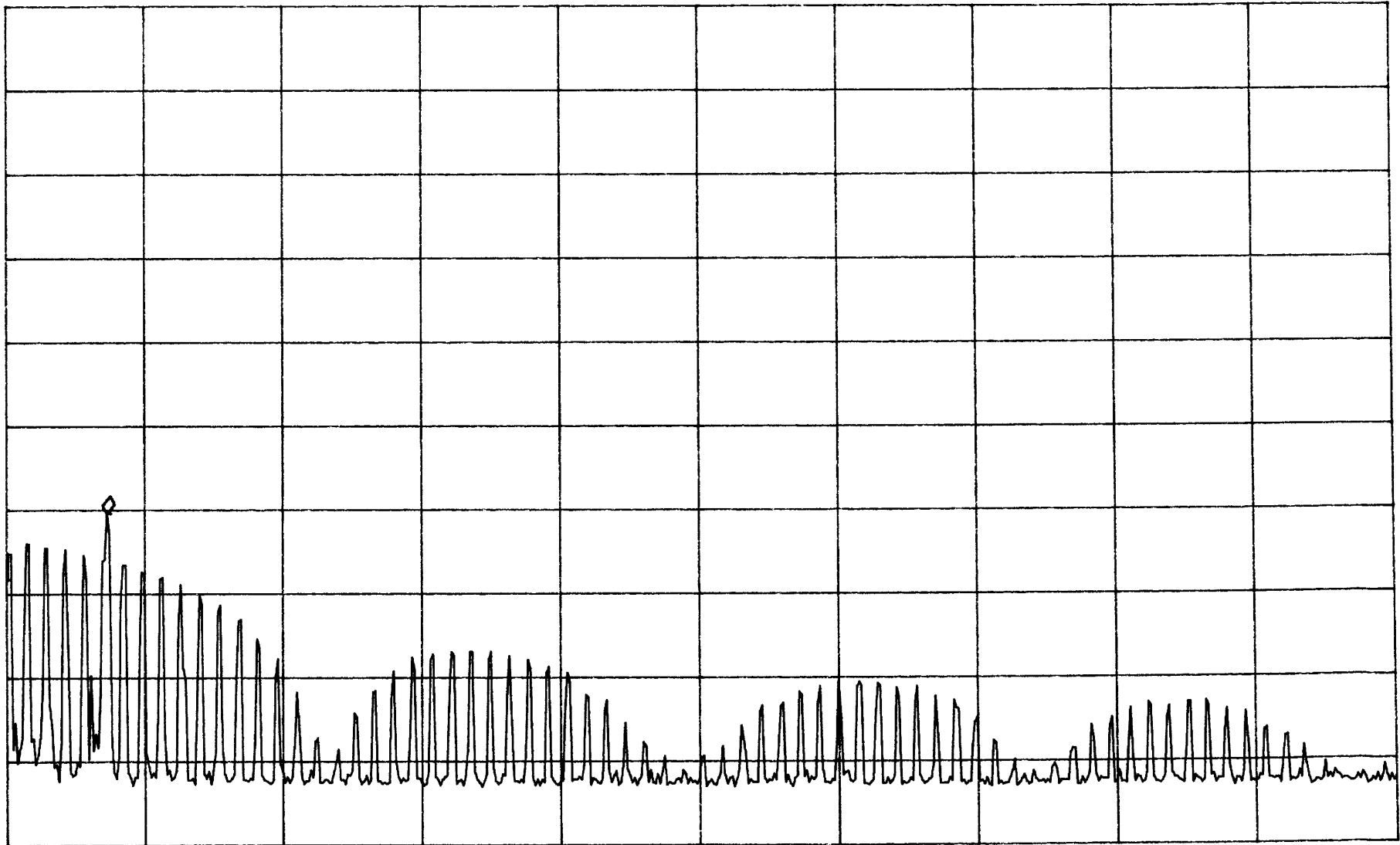
MKR 46.67dB μ V

3-16-99

RL 107.0dB μ V

10dB/

82.6kHz



START 10.0kHz

STOP 1.0000MHz

RBW 1.0kHz

VBW 1.0kHz

SWP 2.5sec