

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

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

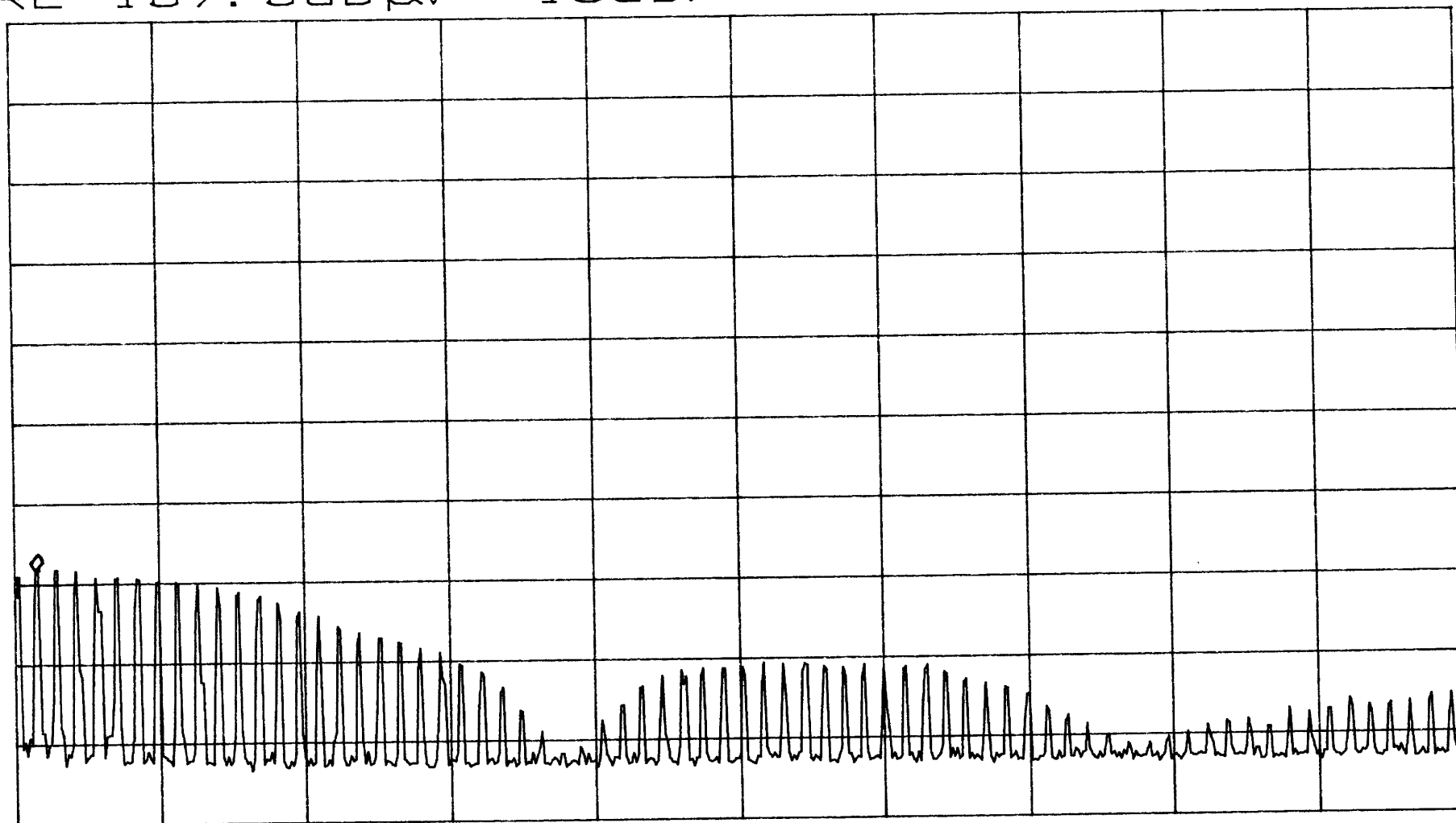
MKR 38.83dBμV

3-16-99

RL 107.0dBμV

10dB/

24.9kHz



START 10.0kHz

STOP 1.0000MHz

\*RBW 1.0kHz

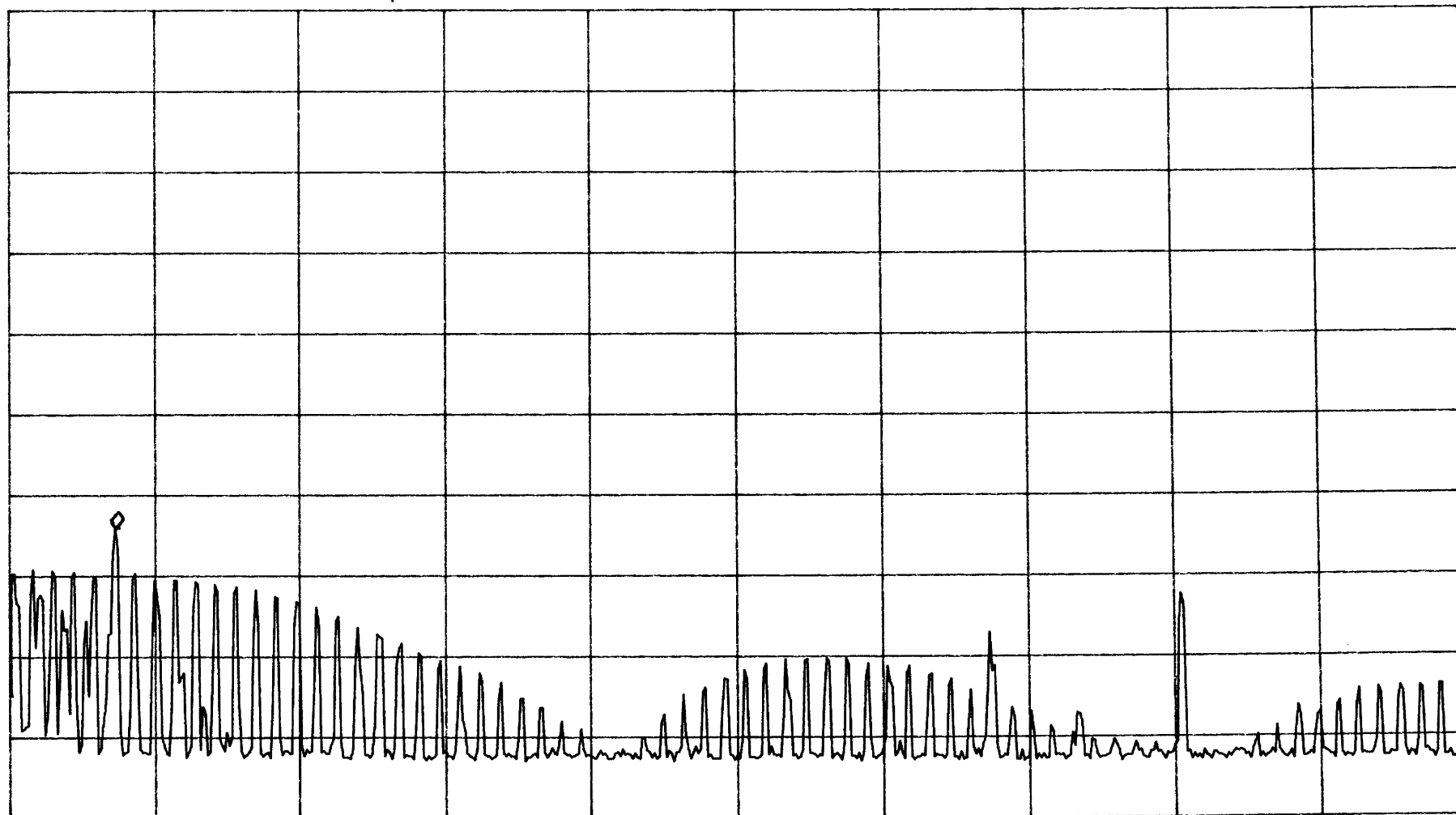
VBW 1.0kHz

SWP 2.5sec

Zircon N94TS Triscanner Fundamental Mesurement

ATTEN 10dB Antenna distance 1 meter MKR 43.00dB $\mu$ V  
RL 107.0dB $\mu$ V 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

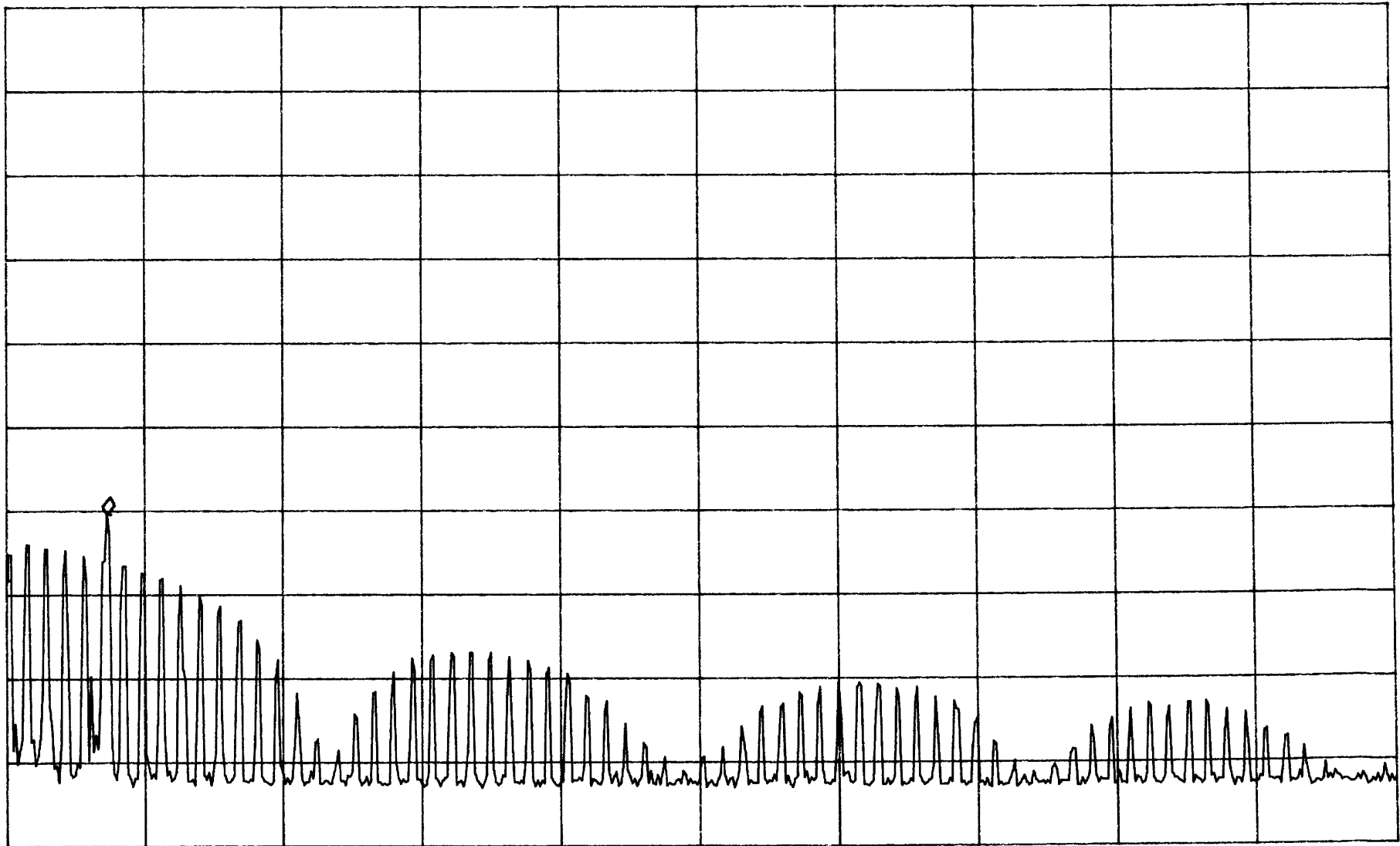
MKR 46.67dB $\mu$ V

3-16-99

RL 107.0dB $\mu$ V

10dB/

82.6kHz



START 10.0kHz

STOP 1.0000MHz

RBW 1.0kHz

VBW 1.0kHz

SWP 2.5sec