
F-3973 ANTENNA**824-896 MHz**

The F-3973 is a unique antenna designed to mount within a watt hour meter which has been configured to transmit meter readings by means of a UHF transmitter mounted within the meter. The antenna is positioned and adjusted to obtain optimum performance and radiation pattern for this specialized application.

SPECIFICATIONS

1. ELECTRICAL

Frequency Range	824-896 MHz
Nominal Gain	Unity
Bandwidth 2.0:1 VSWR	72 MHz
Polarization	Vertical
Pattern	Omnidirectional
Max. Power Input	5 Watts
Nominal Impedance	50 Ohms

2. MECHANICAL

Length	13.6875" (348 mm)
Width	1.625" (41.3 mm)
Weight	0.02 lbs (0.01 kg)

COMPROD COMMUNICATIONS LIMITED

138 de la Barre, suite 1, Boucherville (Quebec) Canada J4B 2X7

Phone: (450) 641-1454 • Fax: (450) 641-4616

Toll free (800) 803-1454 (Canada)

Toll free (800) 377-3531 (Quebec)

Fax: (800) 554-1033

►1: Reflection

SWR

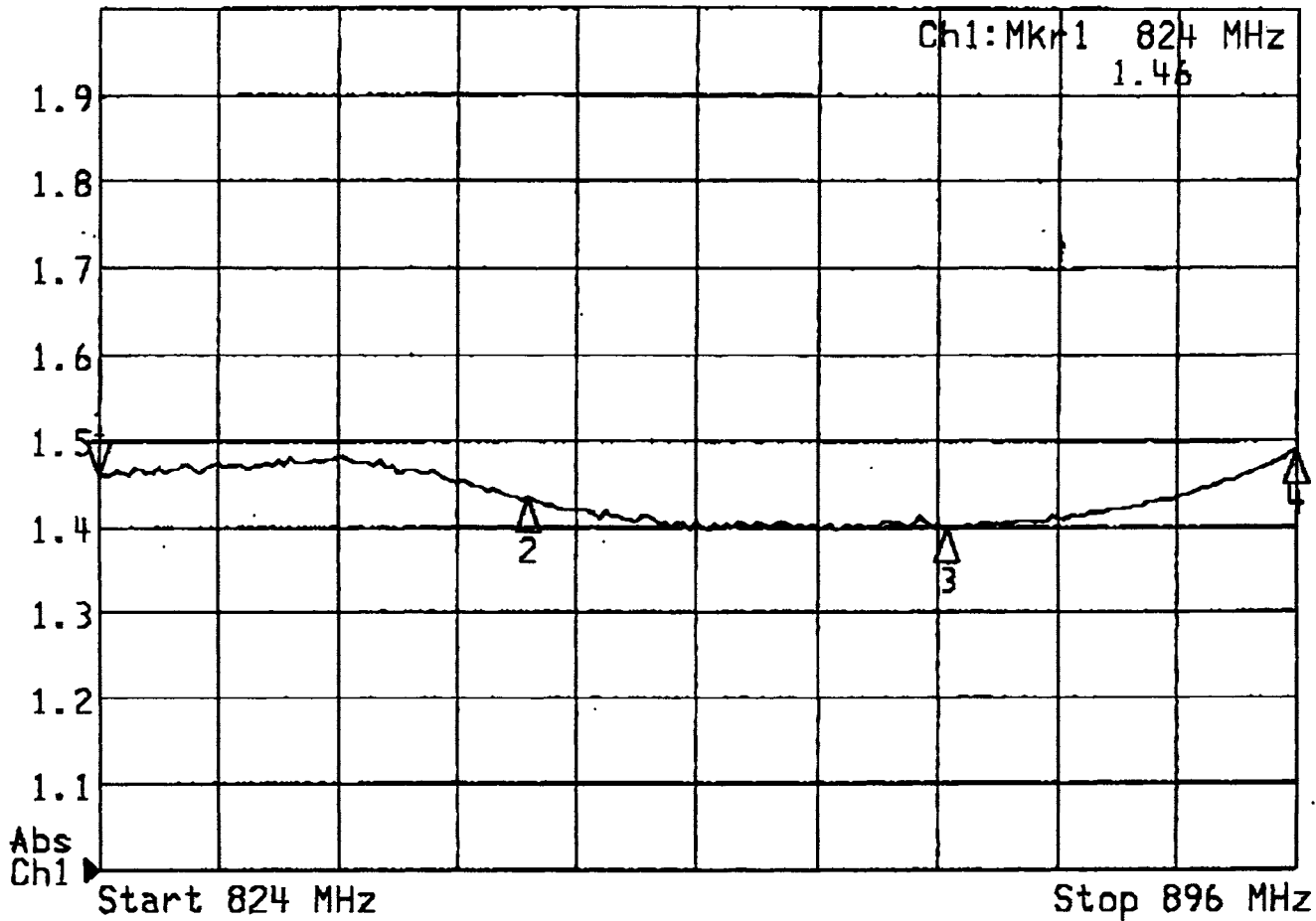
0.1 /

Ref

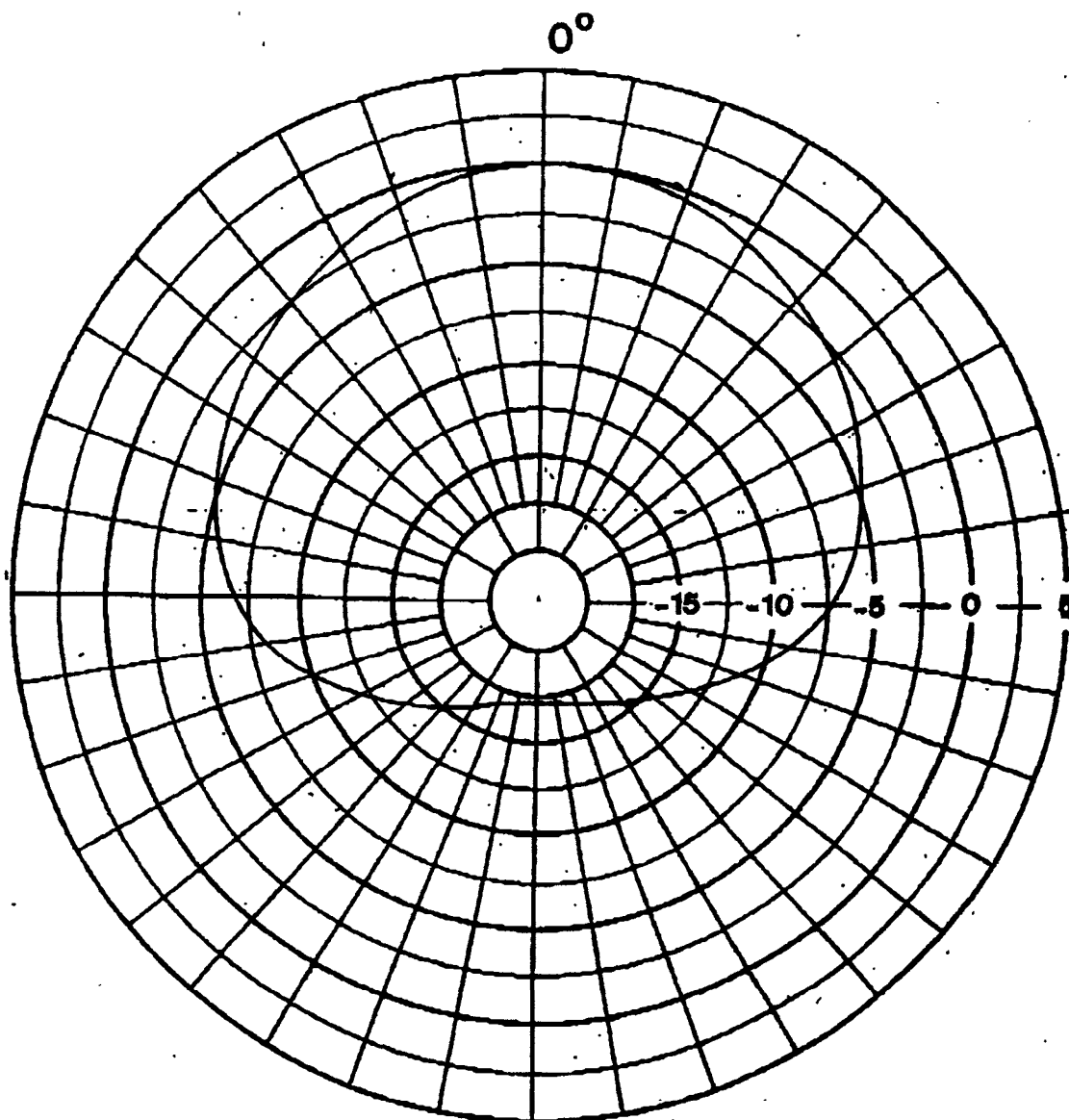
1.00

C

►2: Off



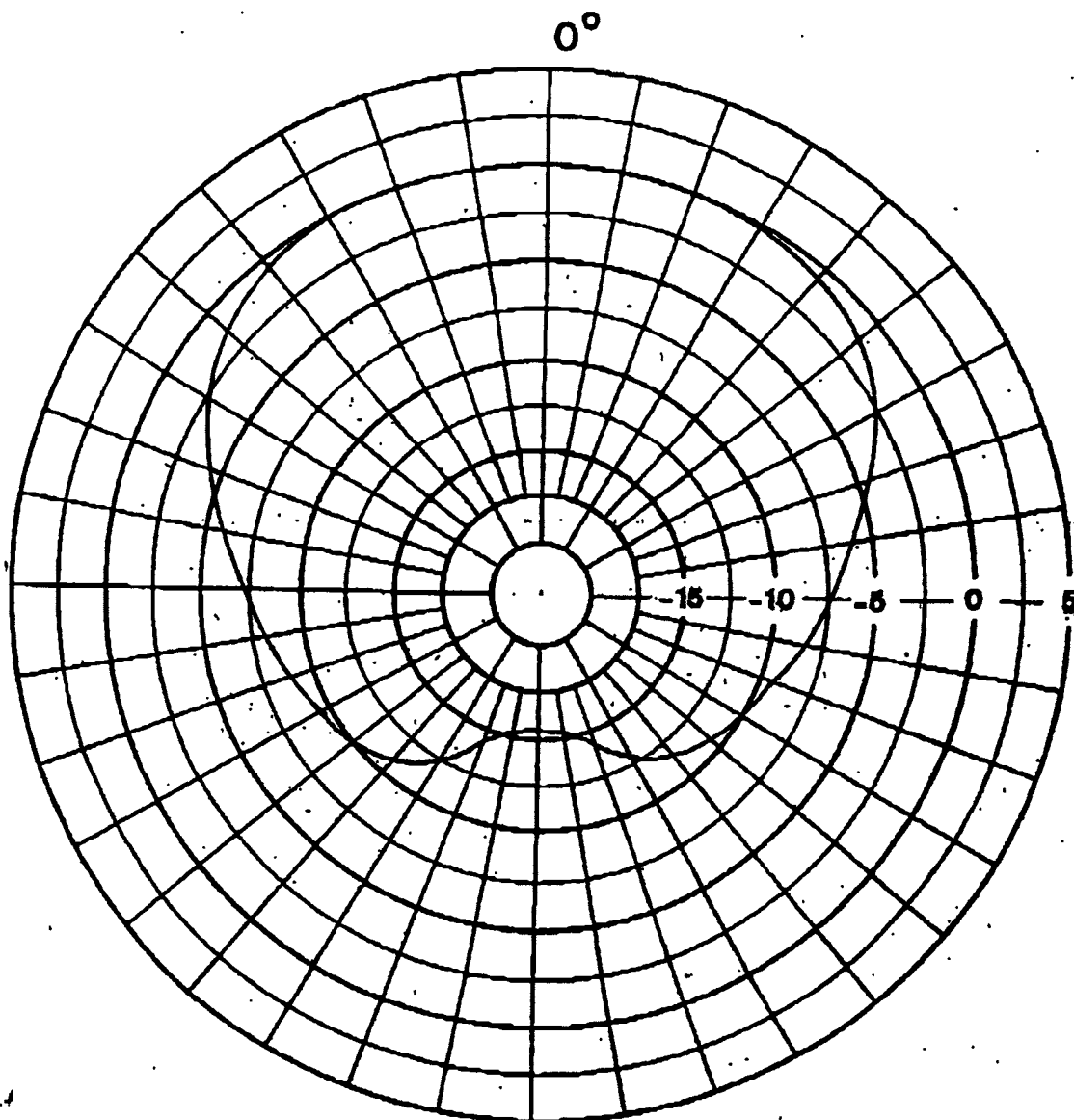
1: Mkr (MHz)	2: Mkr (MHz)	dB
1> 824.00	1.46	
2: 850.00	1.43	
3: 875.00	1.40	
4: 896.00	1.49	



WATT-HOUR METER MOUNTED
ON A 20" X 27" ENCLOSURE

**F-3973 ANTENNA
HORIZONTAL PATTERN**

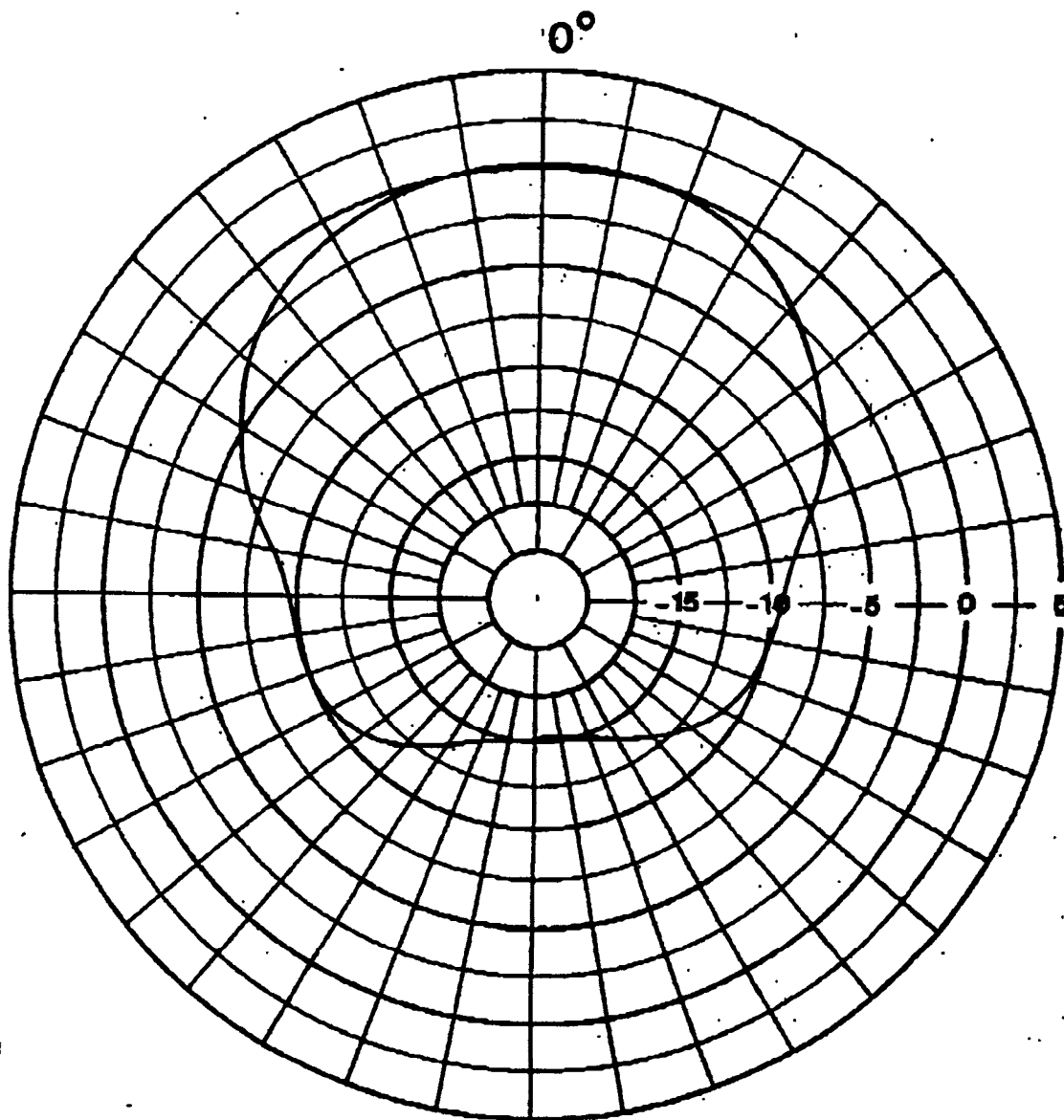
DATE : 05-01-2002



WATT-HOUR METER MOUNTED
ON A 20" X 27" ENCLOSURE

F-3973 ANTENNA
VERTICAL PATTERN

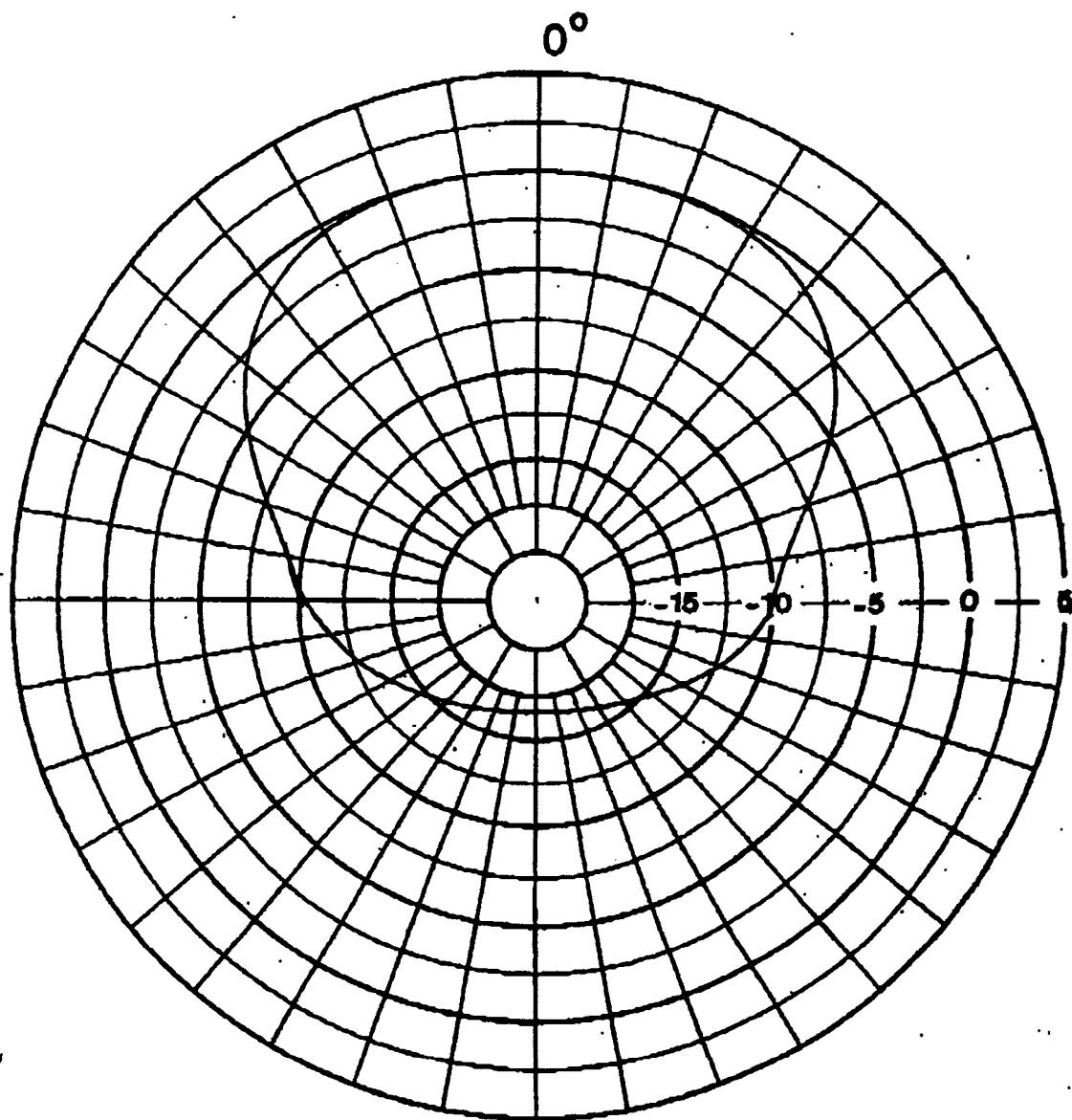
DATE : 05-01-2002



WATT-HOUR METER MOUNTED
ON A 10" X 16" ENCLOSURE

F-3973 ANTENNA
VERTICAL PATTERN

DATE : 05-01-2002



WATT-HOUR METER MOUNTED
ON A 10" X 16" ENCLOSURE

F-3973 ANTENNA
HORIZONTAL PATTERN

DATE : 05-01-2002