
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

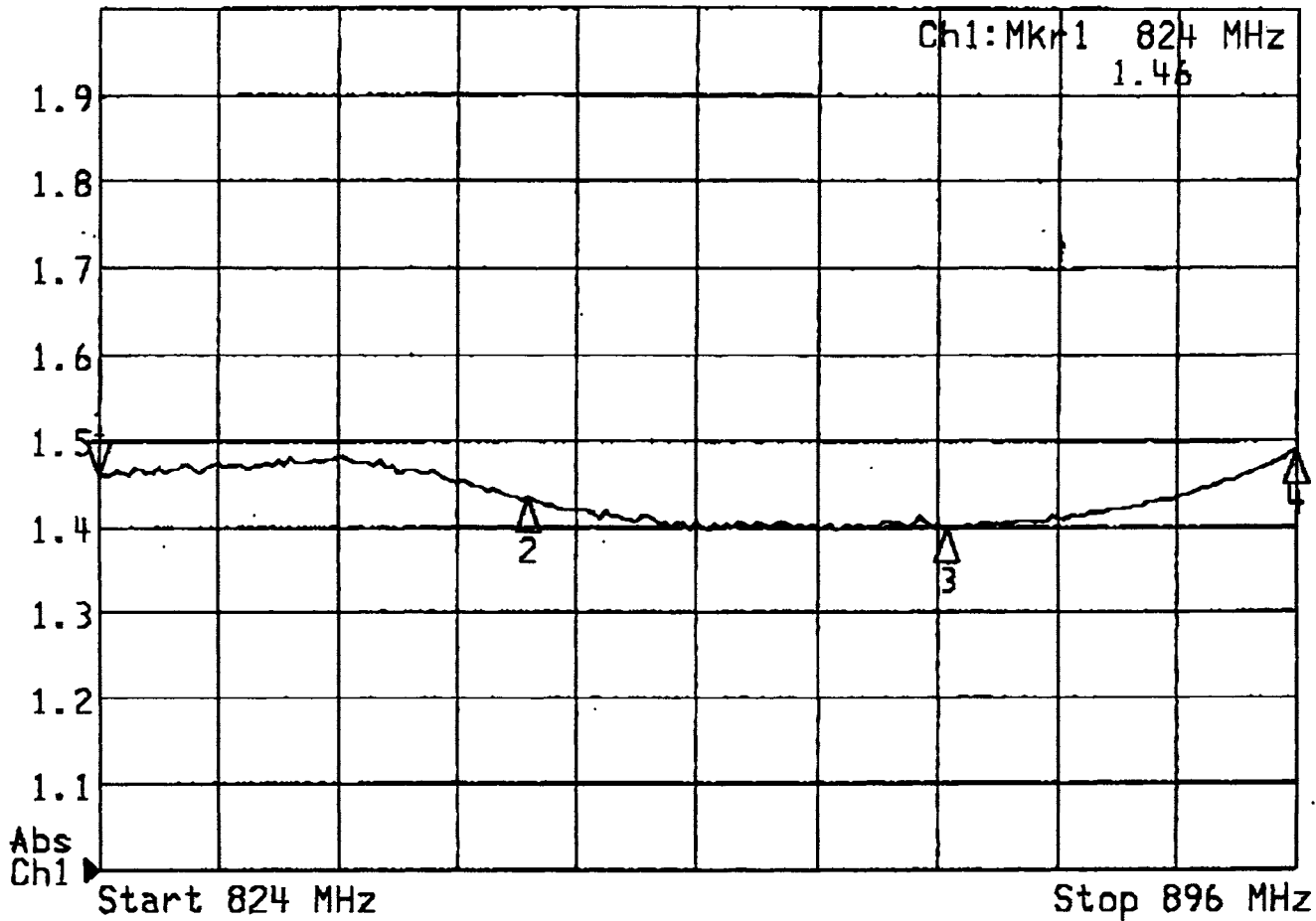
Phone: (450) 641-1454 • Fax: (450) 641-4616

Toll free (800) 803-1454 (Canada)

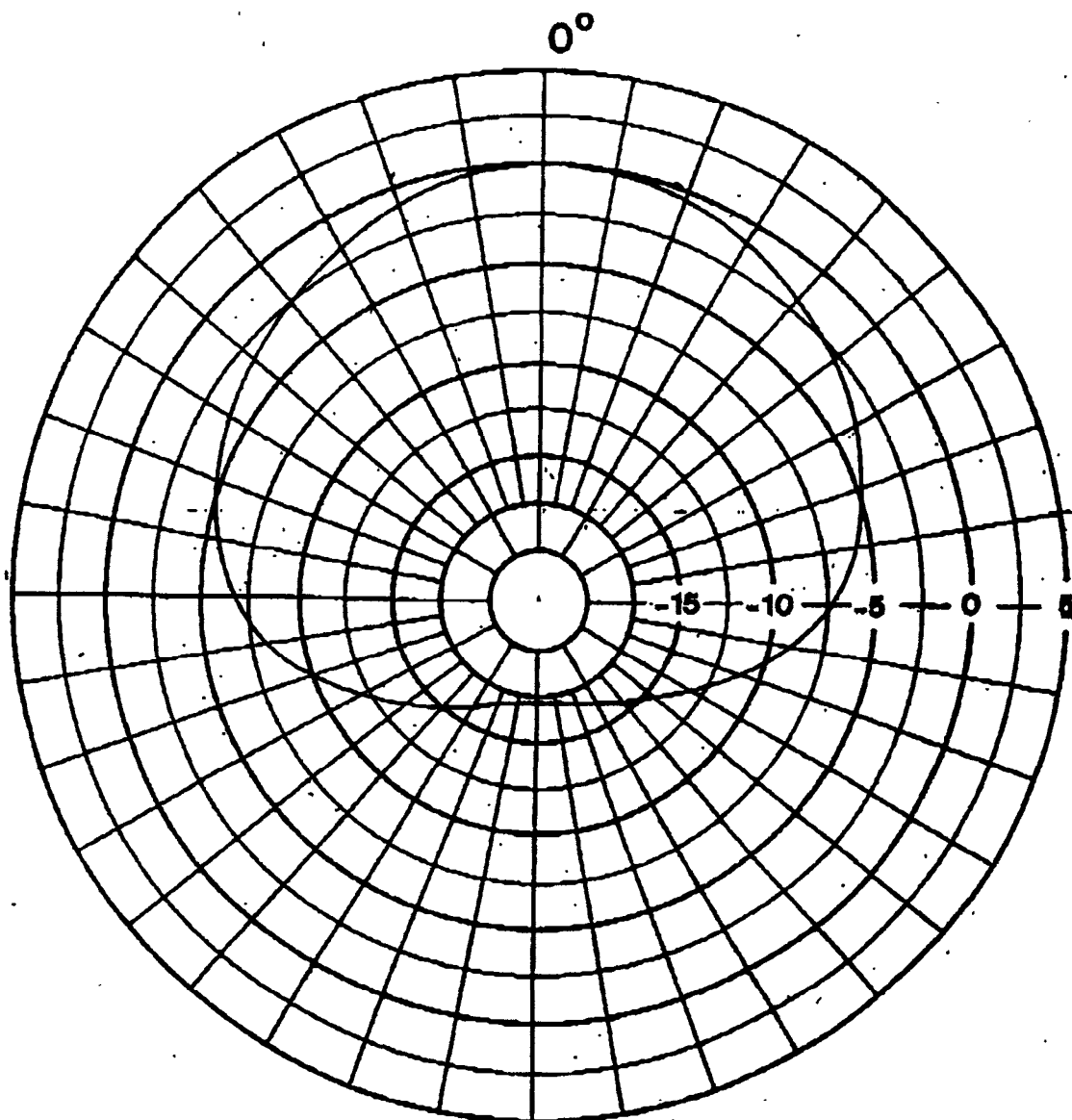
Toll free (800) 377-3531 (Quebec)

Fax: (800) 554-1033

►1: Reflection SWR 0.1 / Ref 1.00 C
 ►2: Off



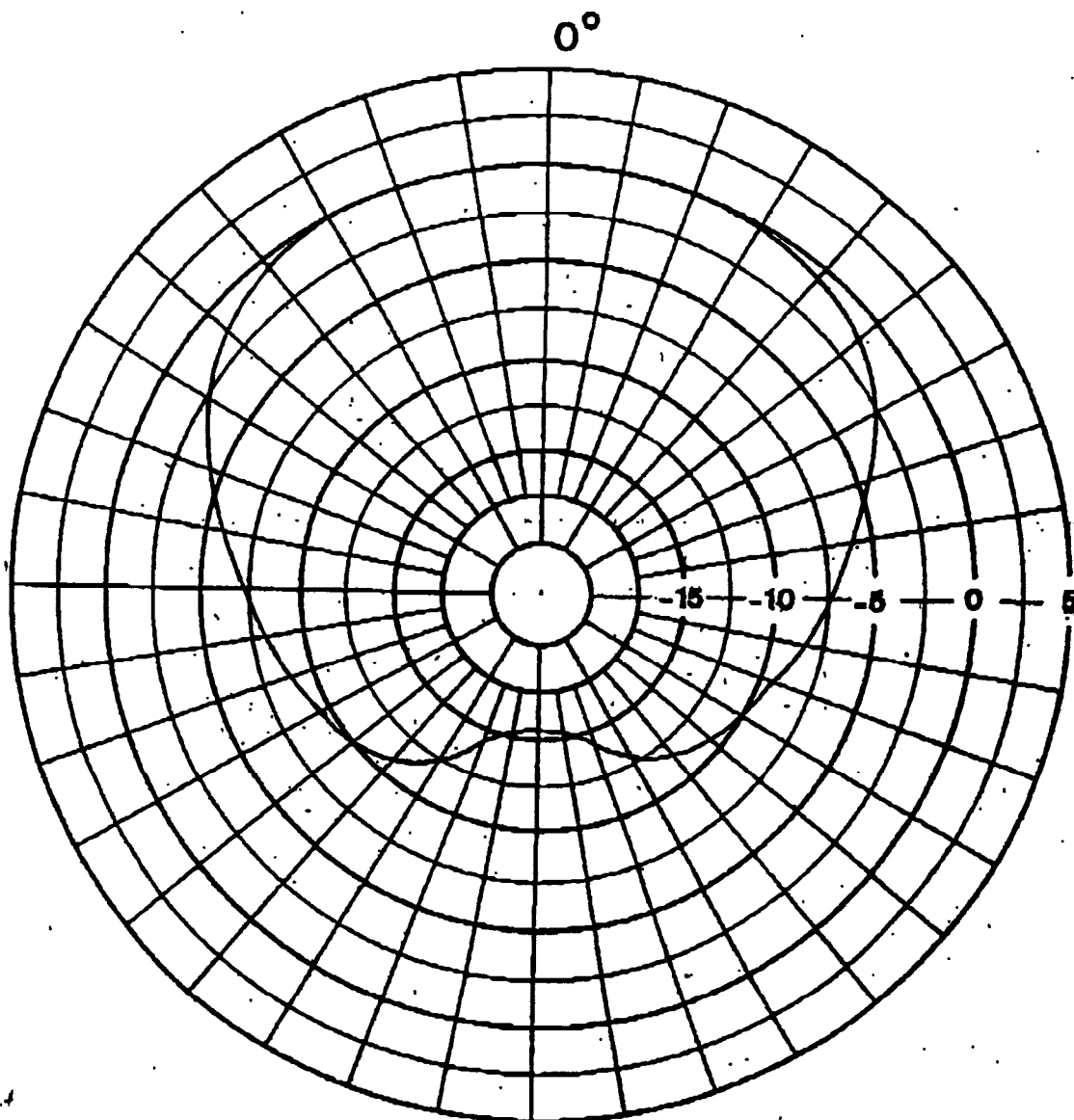
1: Mkr (MHz)	2: Mkr (MHz)	dB
1> 824.00	1.46	
2: 850.00	1.43	
3: 875.00	1.40	
4: 896.00	1.49	



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

**F-3973 ANTENNA
HORIZONTAL PATTERN**

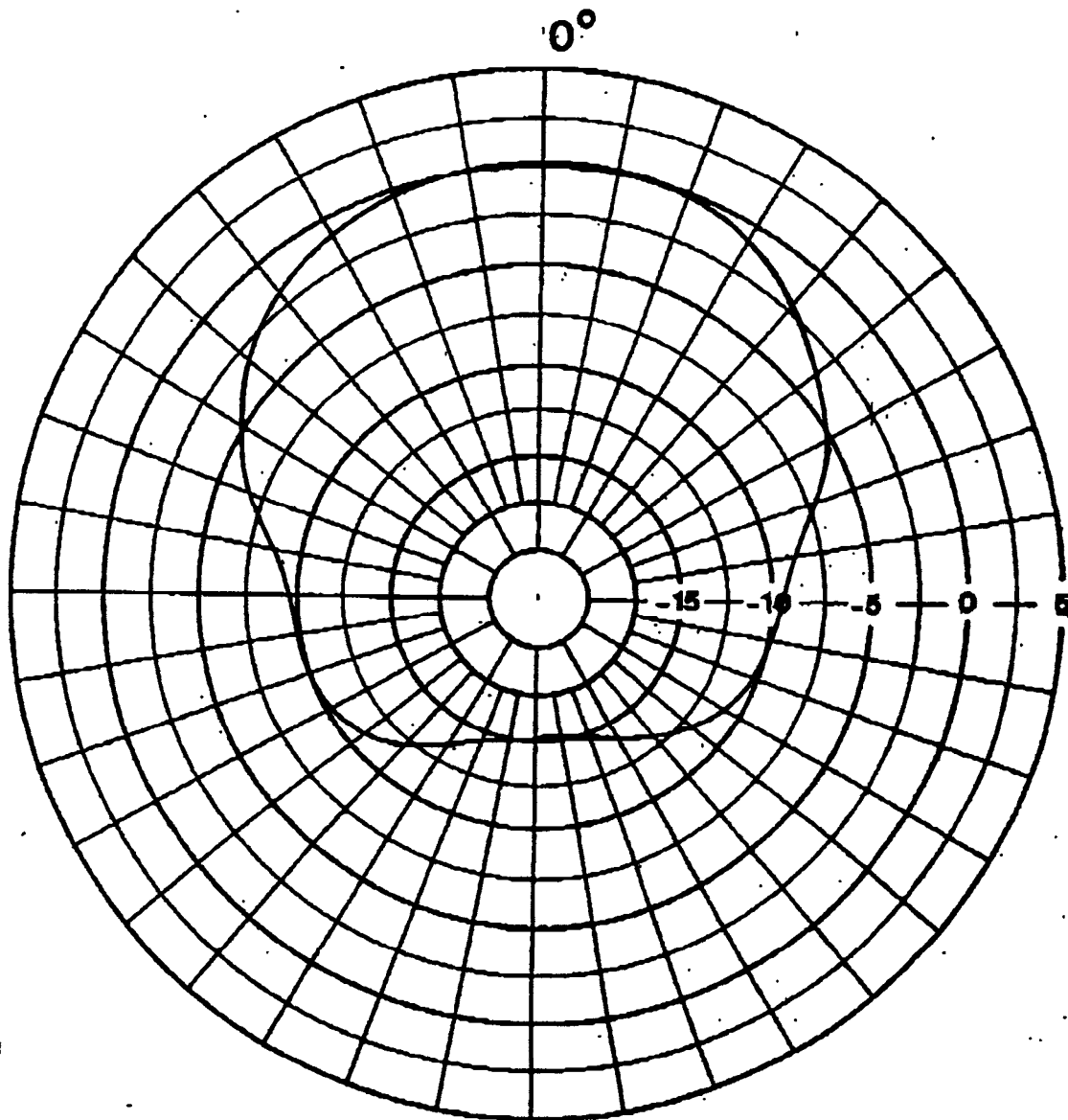
DATE : 05-01-2002



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

**F-3973 ANTENNA
VERTICAL PATTERN**

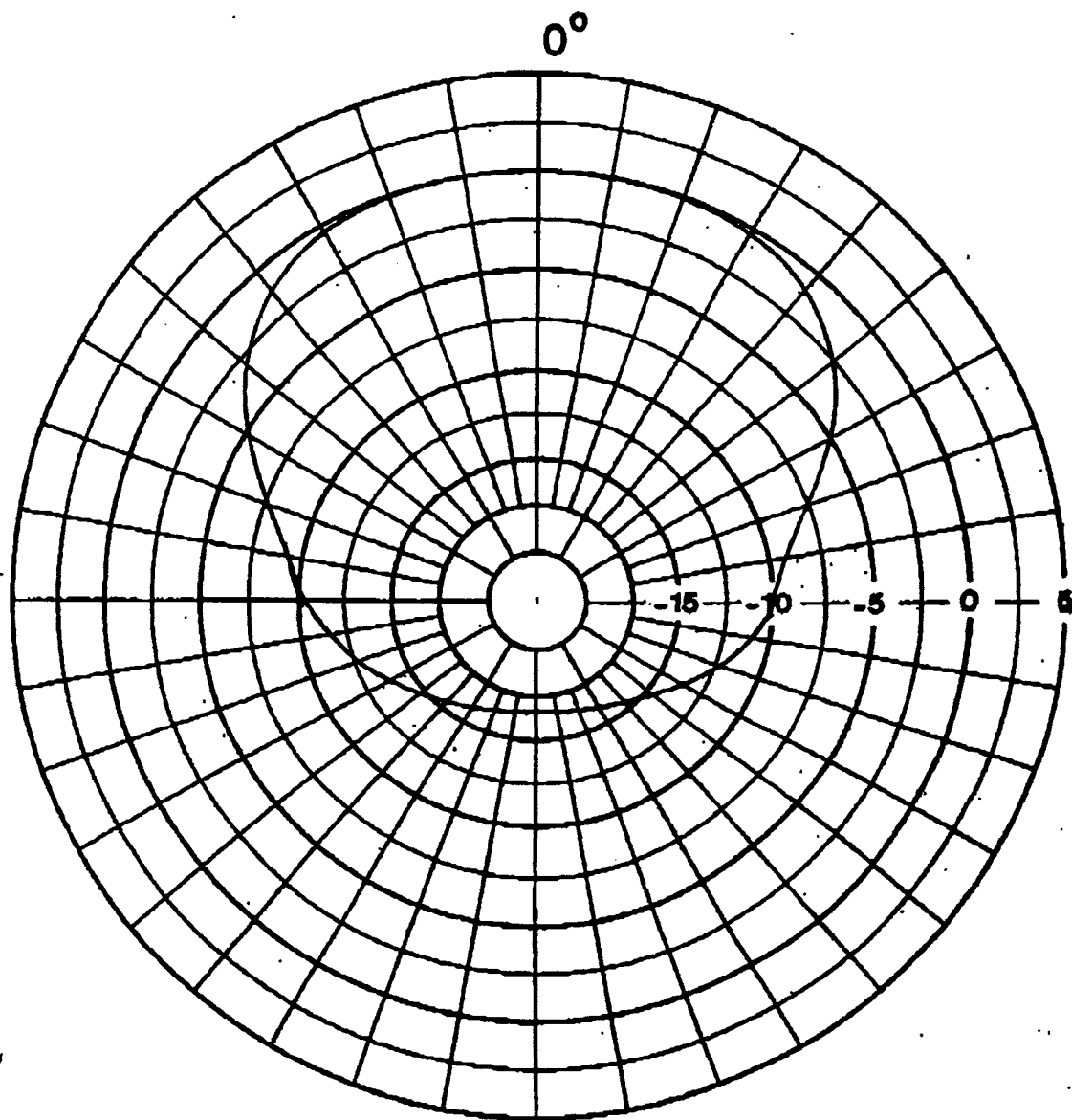
DATE : 05-01-2002



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