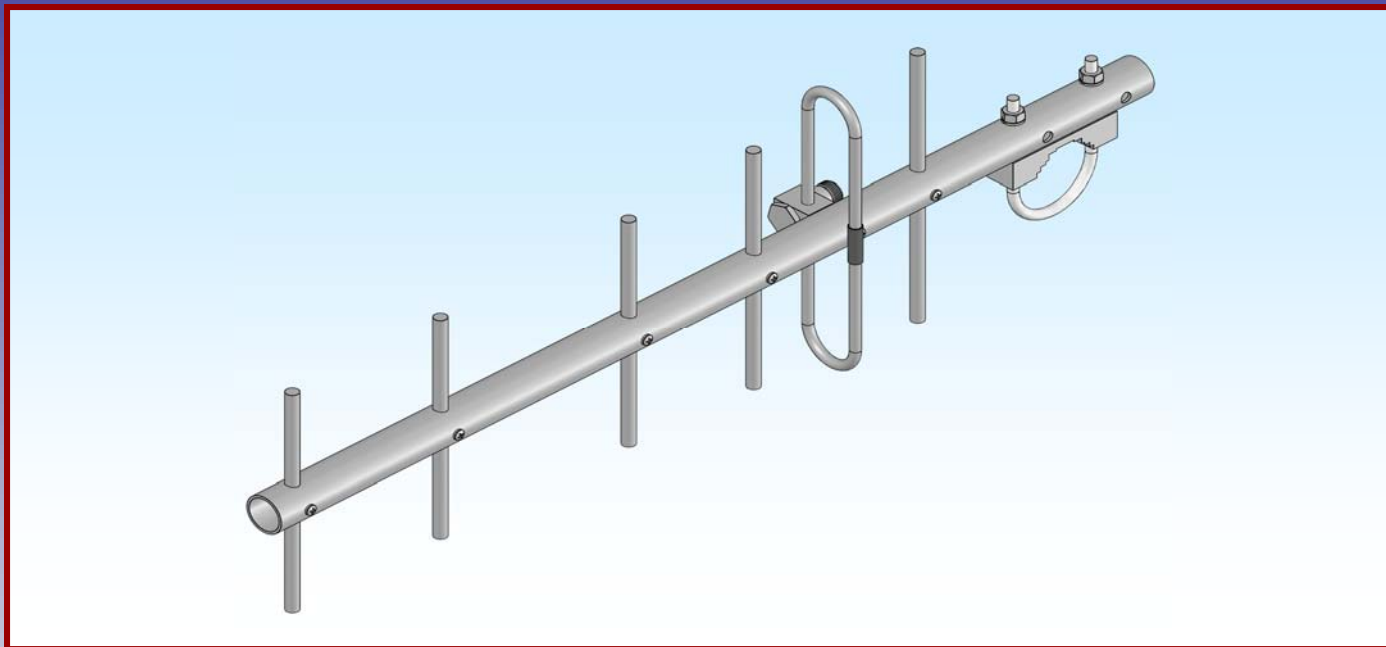




M2 Antenna Systems, Inc.

Model No: 766-6



SPECIFICATIONS:

Model	766-6	Input Connector	"N" Female
Frequency Range.....	746 To 790 mHz	Power Handling	500 Watts
*Gain, (FS)d	11.8 dBi	Boom Length / Dia.....	25.125" / 1"
Front to back	18 dB Typical	Maximum Element Length.....	7.625"
Beamwidth	E=46° H=52°	Turning Radius:	23"
Polarity	VERT / HORZ	Stacking Distance.....	Call Factory
Feed type	Direct feed	Mast Size.....	1.5" to 2"
Feed Impedance.	50 Ohms Unbalanced	Wind area / Survival	0.1 Sq. Ft. / 100 MPH
Maximum VSWR.....	1.3:1 Typical	Weight / Ship Wt.....	1.5 Lbs. / 5 Lbs.

***Subtract 2.14 from dBi for dBd / FS = Free Space**

FEATURES:

The **766-6** Commercial antenna, has been designed to give you optimum performance for the smallest package size. **The 5/16" element design decreases the effects of rain and light snow deterioration often seen in similar antennas.**

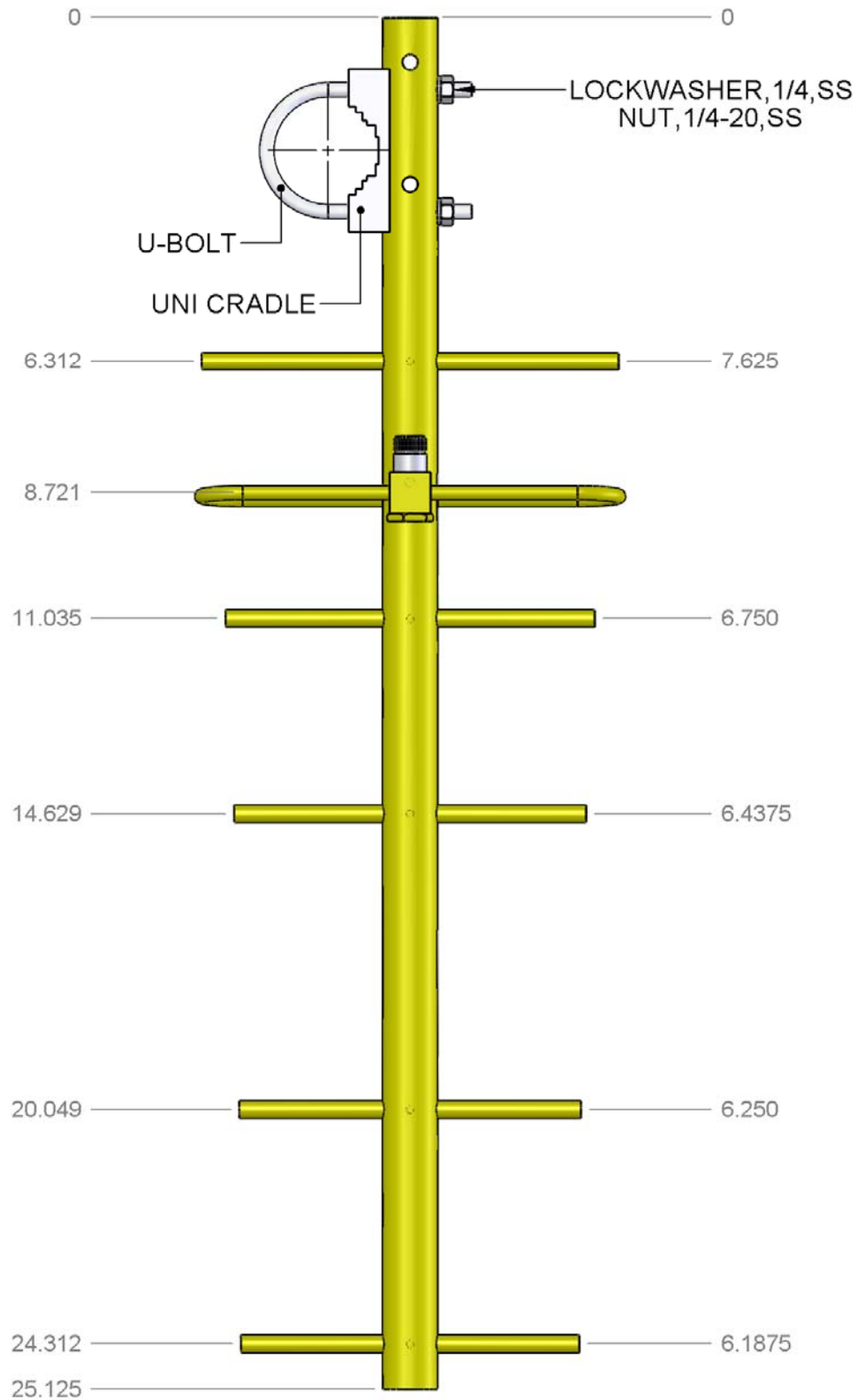
The heart of the **766-6**, the folded dipole, provides a virtual flat match for over 44 MHz. The gain has been designed to roll -off quickly above range limits to prevent receiver overload from high power services above 790 MHz. The heavy duty boom and 5/16" elements, give installation services the confidence for superior performance and longevity.

The **766-6** is a DC grounded antenna designed to work with many radios.

766-6 DIMENSION SHEET

ELEMENT SPACING

ELEMENT LENGTH



M² ANTENNA SYSTEMS, INC.

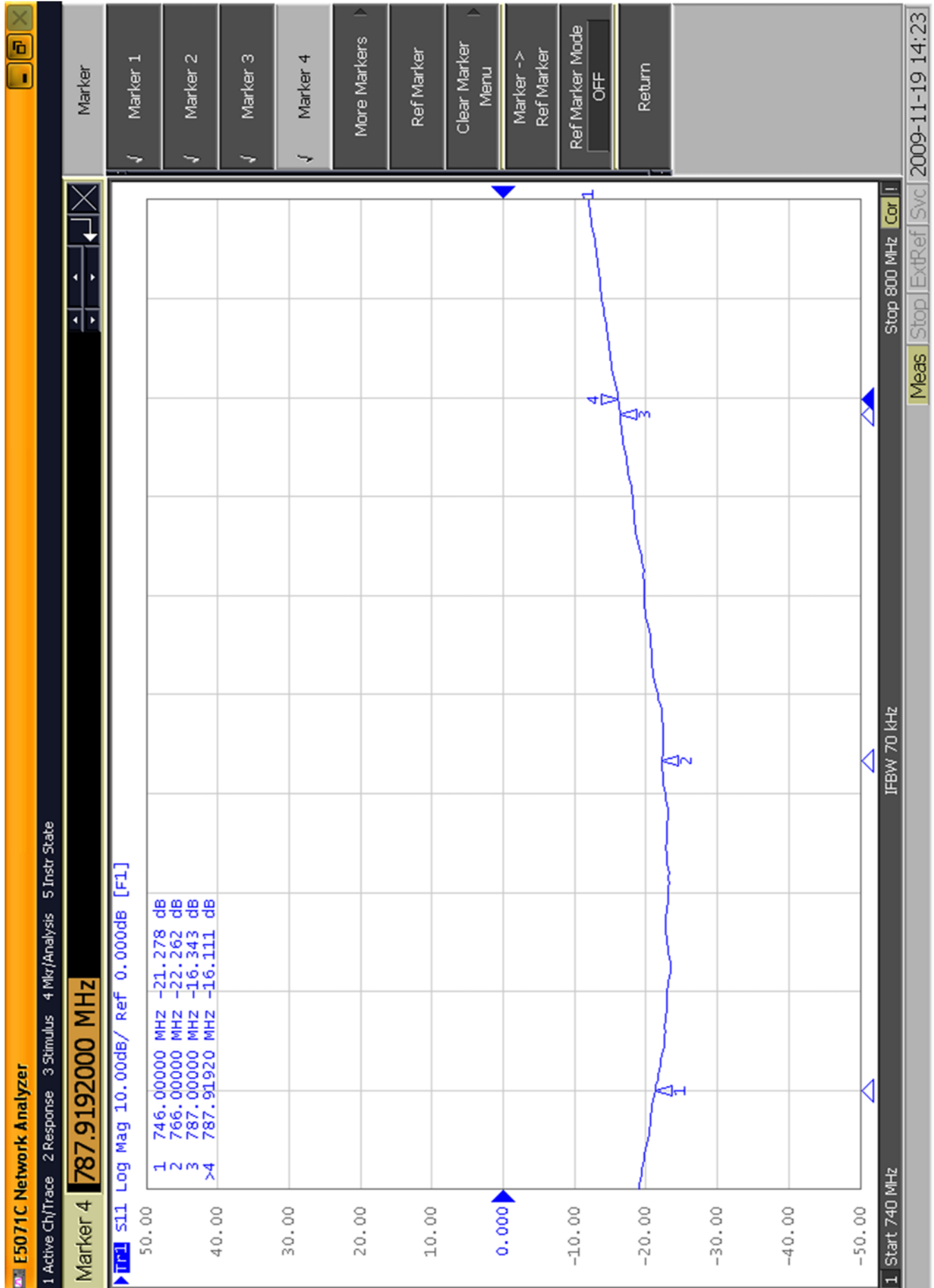
4402 N. SELLAND AVE.

FRESNO, CA 93722

(559) 432-8873 FAX: 432-3059

www.m2inc.com Email: sales@m2inc.com

766-6 VSWR PLOT



766-6 PARTS & HARDWARE

DESCRIPTION.....	QTY
766-6 ANTENNA ASSEMBLY.....	1
UNI-CRADLE	1
U-BOLT,SS 2"	1
ASSEMBLY MANUAL	1

HARDWARE:

LOCKWASHERS, 1/4", SS	2
NUT, 1/4-20, SS	2

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