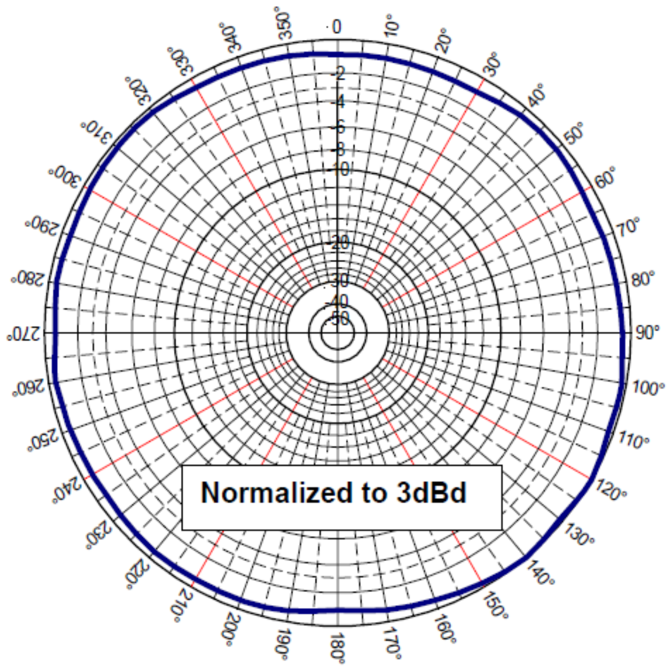
Innovative Technology for a Connected World

OMNI-DIRECTIONAL ANTENNAS
FG2173 (216 - 218 MHz)

FG2173
(Shown with optional FM2 mounting kit)

ANTENNA RADIATION PATTERN



Azimuthal Pattern (X,Y or E-plane)

FEATURES

- **Superior Quality design**
- **High Performance**
- **Easy installation /w optional FM2SP**
- **Special UV treated radome, resists sun damage**
- **N Female industry standard connector**
- **100% tested on a network analyzer**

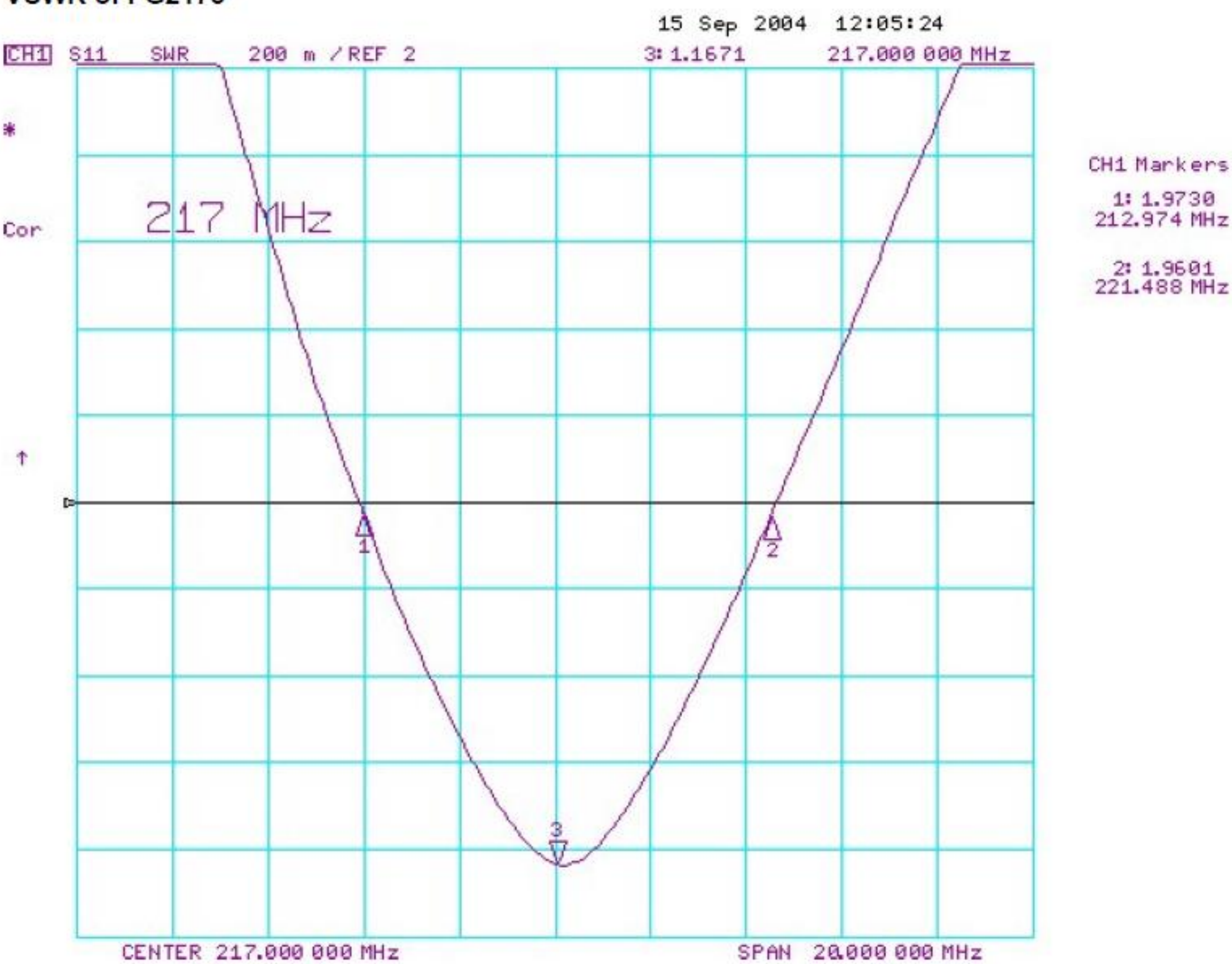
ELECTRICAL SPECIFICATIONS

Frequency Range:	216 – 218 MHz
Nominal Gain:	3 dBd
VSWR:	<2:1
Maximum Power:	100 W
Nominal Impedance:	50Ω
Polarization:	Vertical
Pattern:	Omni-Directional
Half-Power Beamwidth:	45° x 360° (El° x Az°)
Termination:	N-Female connector
Lightning Protection:	Lightning Arrestor LABH350NN (Sold Separately)

MECHANICAL SPECIFICATIONS

Height:	83-1/4”
Diameter:	1.310”
Weight:	2.9 lbs
Rated Wind Velocity:	125mph (210kph)
Rated Wind Velocity (with 0.5” radial ice)	85mph (137kph)
Wind Resistance:	0.7573 sq. ft.
Mounting Information:	Optional FM2 Mounting Kit (Sold Separately)

VSWR of FG2173



FG2173 Typical VSWR sweeps (216-218MHz, BW = 2 MHz @VSWR < 2.0:1)

Marker 1: 1.9730 to 1 @ 212.974 MHz
Marker 2: 1.9601 to 1 @ 221.488 MHz
Marker 3: 1.1671 to 1 @ 217.000 MHz