

# OMNI-WIFI

Omni Antenna | 2395-2605 MHz

Antenna & Microwave Lab., Shahrood University of Technology

## ELECTRICAL DATA

Frequency range	2395 - 2605 MHz
Input Impedance	50 $\Omega$
Polarization	Linear (Vertical or Horizontal)
Half Power Beamwidth	30 @ 2.5 GHz
Gain	5 dBi
VSWR	$\leq 2$
Max Power	$\leq 50$ watts
Cable Type	RG 142
Connector	N Type

## MECHANICAL DATA

Elements & boom Material	Aluminum -ABS
Weight	0.5 Kg
Overall Diameter	4 Cm
Overall height	30 Cm
Wind rating	150 Km/h
Operating temperature	-35 to +60 Degrees Celsius
Coating (color)	black

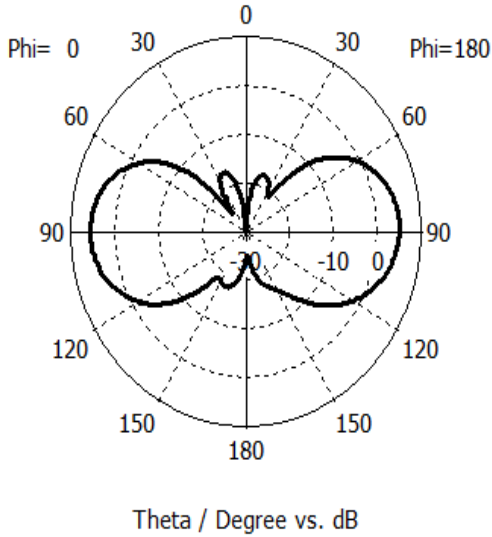
ADDRESS: ANTENNA & MICROWAVE LAB. , SHAHROOD UNIVERSITY OF TECHNOLOGY, SHAHROOD, IRAN.  
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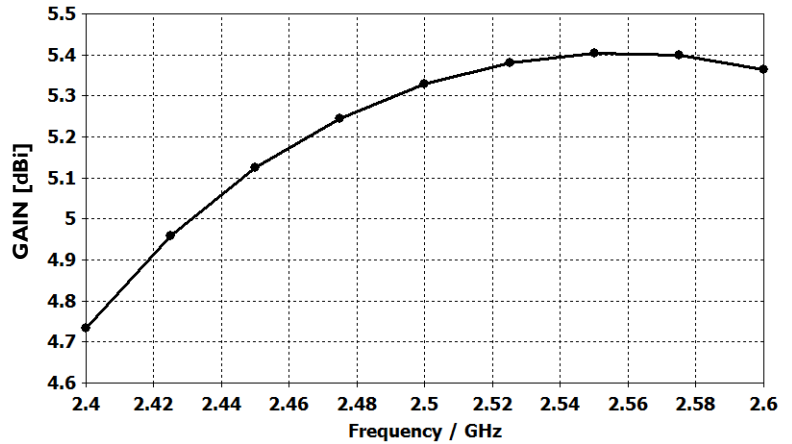
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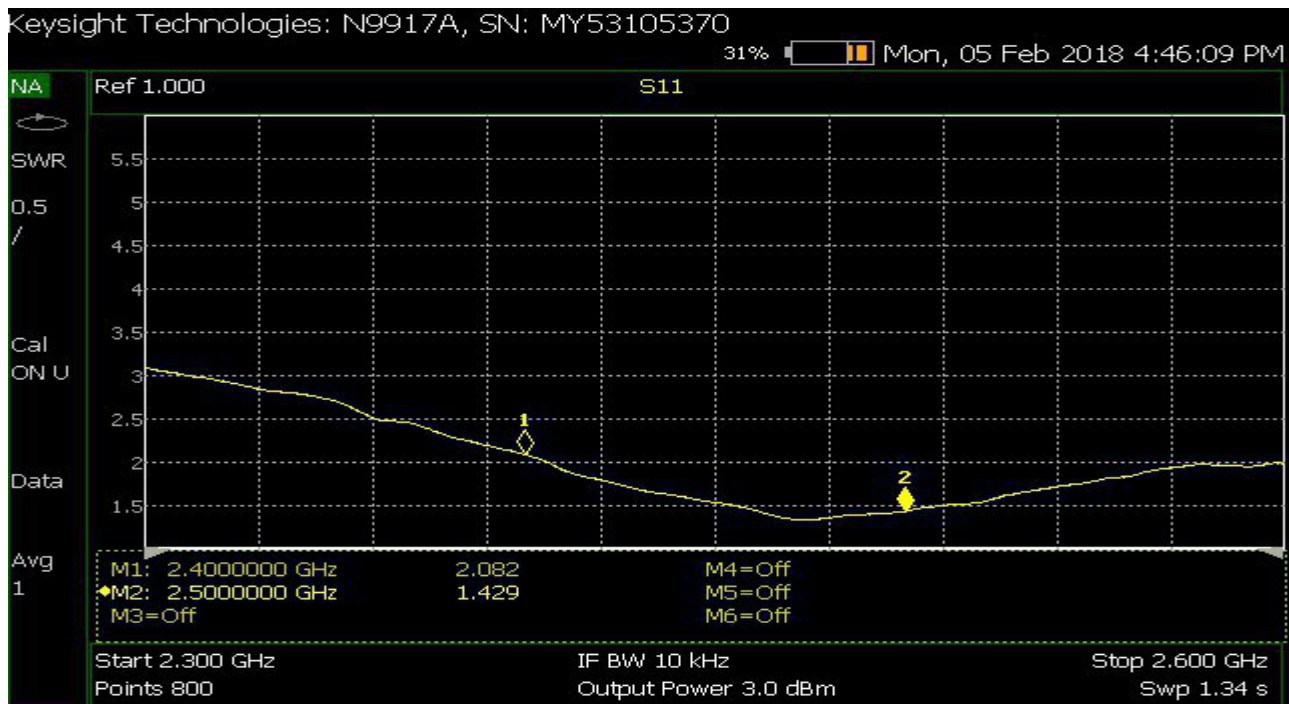
TYPICAL RADIATION PATTERN at 2500 MHz



TYPICAL GAIN DIAGRAM vs FREQUENCY



MEASURED VSWR



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