

Discone 1_6

Discone Antenna | 1-6 GHz

Antenna & Microwave Lab., Shahrood University of Technology

ELECTRICAL DATA

Type	Discone
Frequency range	1 - 6 GHz
Input Impedance	50 Ω
Polarization	Linear (Vertical)
Max Gain	0 dBi
Front to Back ratio	≥ 12 dB
VSWR	≤ 1.5
Max Power	≤ 200 watts
Connector	N_female

MECHANICAL DATA

Elements & boom Material	Aluminum
Weight	1.5 Kg
Overall length	148 mm
Overall height	120 mm
Wind rating	100 Km/h
Operating temperature	-35 to +60 Degrees Celsius
Coating (color)	Anodized (Silver or black)
Lightning protection	All metal parts DC grounded

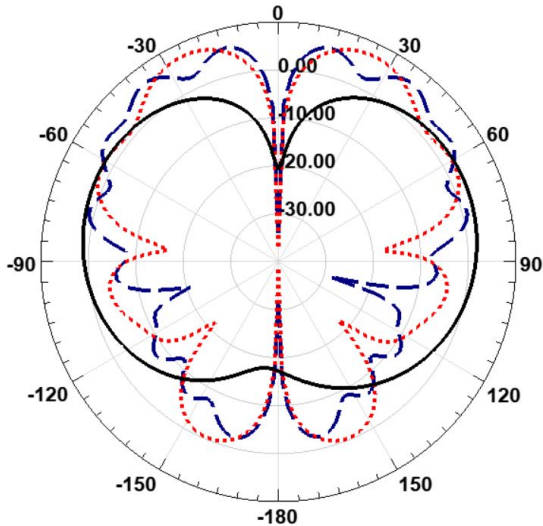
ADDRESS: ANTENNA & MICROWAVE LAB. , SHAHROOD UNIVERSITY OF TECHNOLOGY, SHAHROOD, IRAN.
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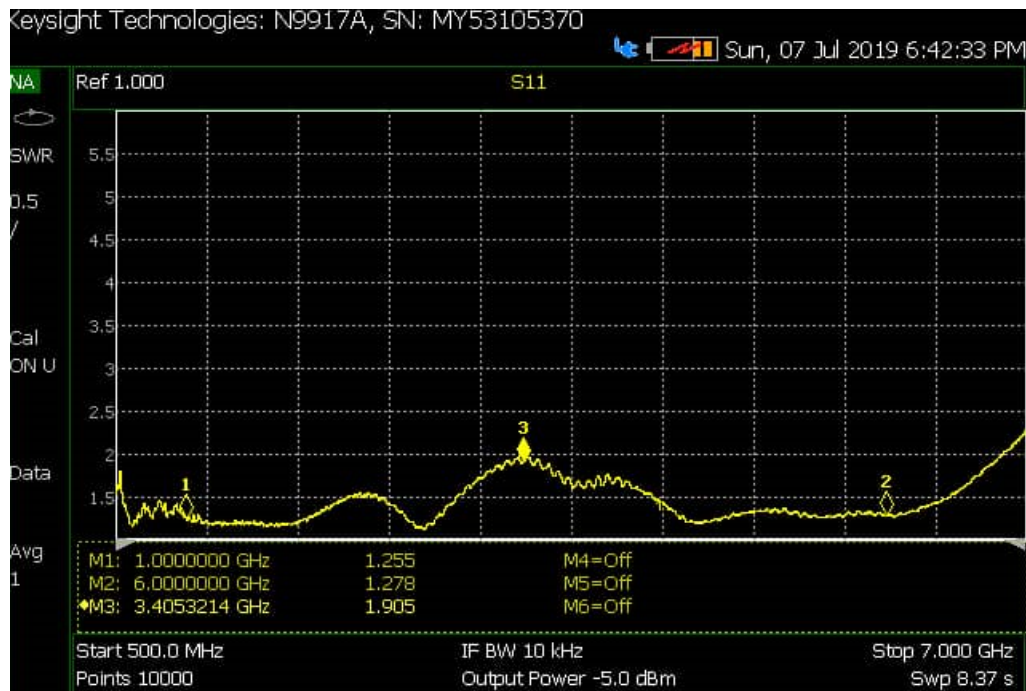
Discone Antenna | 100-1000 MHz
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TYPICAL RADIATION PATTERN at
1GH (black), 3GH (red), 6GH (blue)

D



MEASURED VSWR



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