



Model: AS4034-1

Manufacturer: SolarEdge

700~960/1700~2700MHz Omni directional Antenna



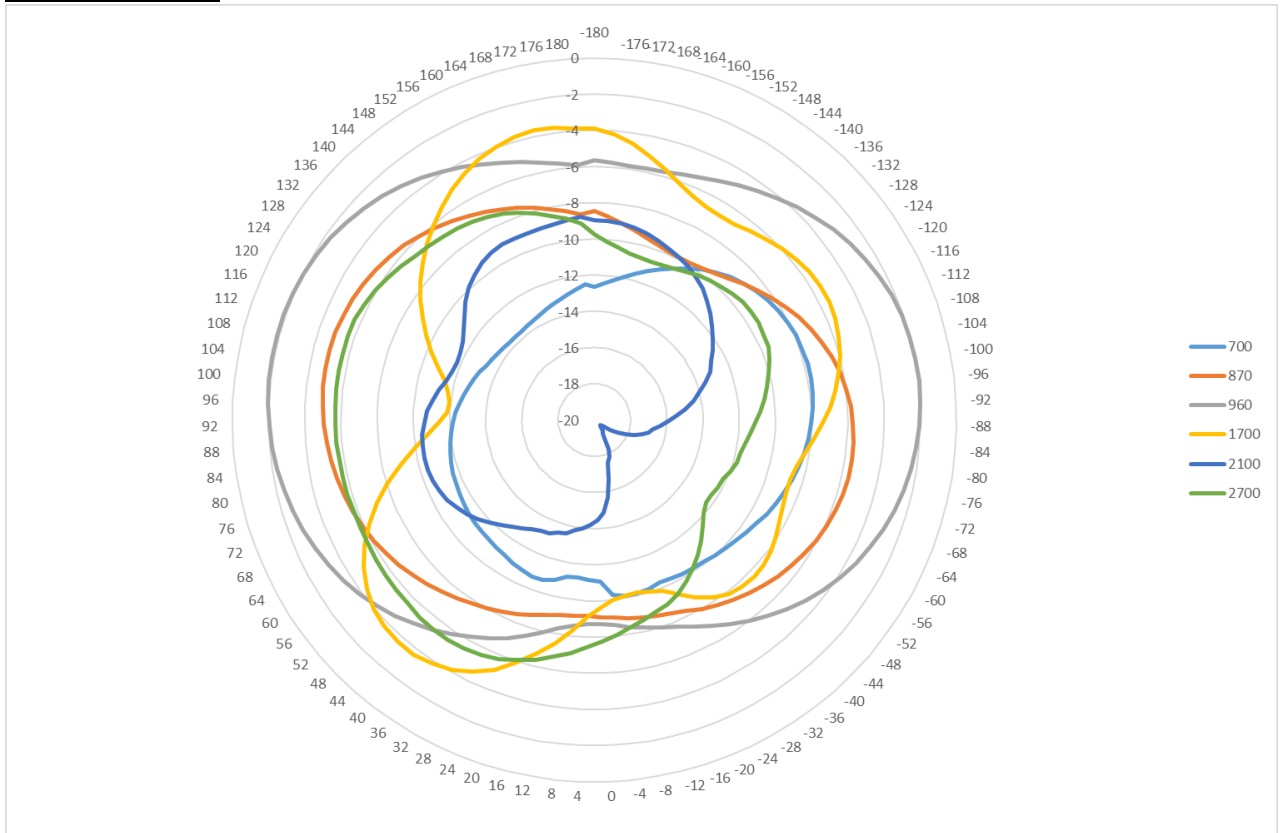
Rev	Editor	Date	change
01	Uri.Itzack	2001/01/21	Initial Document
02	Uri Itzack	16/01/2023	Add SWR measurement

Specification

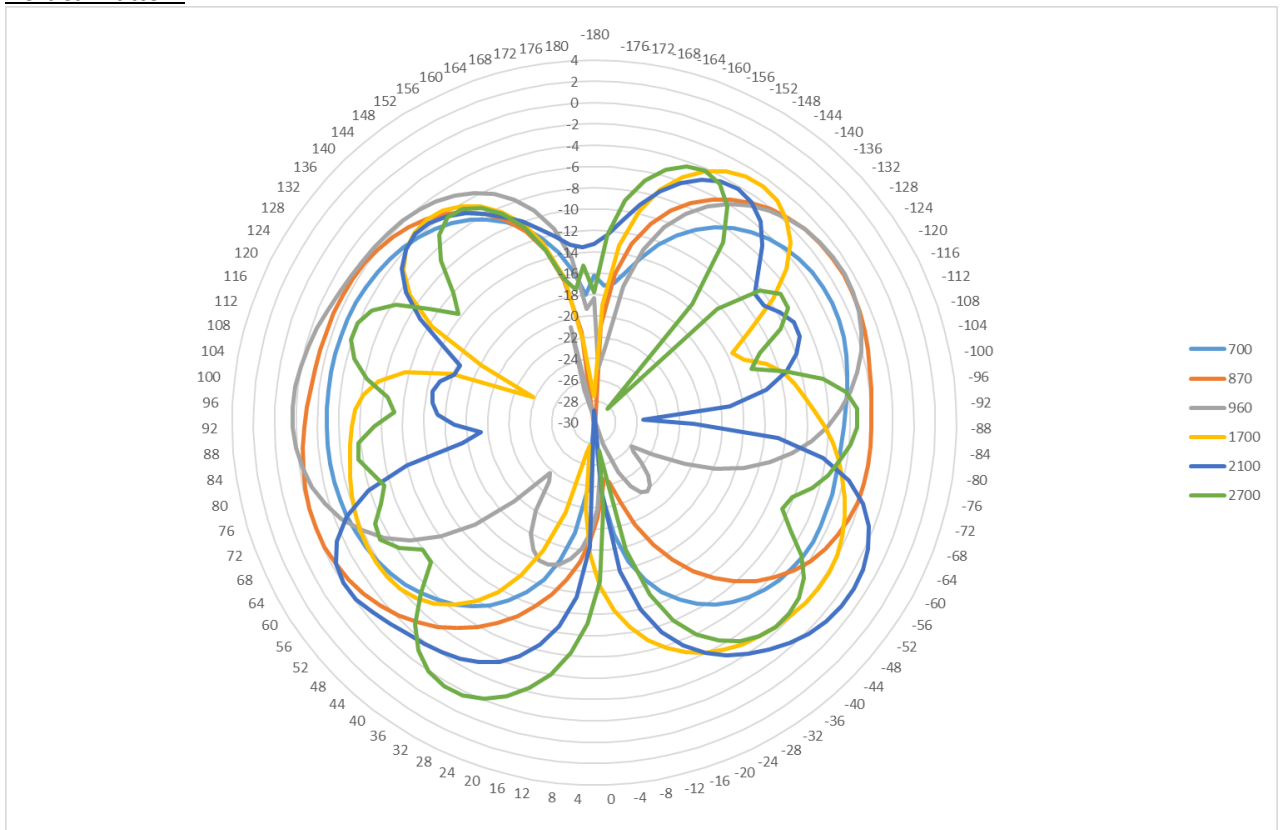
Electrical	
Frequency Range	MHz 1700-2700 / 700-960
V.S.W.R	4.0 $\geq$
Antenna Type	monopole
Radiation	Omni Directional
Gain (Max)	0 dBi
Polarization	Vertical
Max Input Power	W 5
Vertical Beam- width	30°
Horizontal Beam- width	Deg 360
Impedance	Ohm 50
Antenna design	monopole
Internal Material	PCB
Cable	RG316
Mechanical	
Length	mm 200
Diameter	mm 20
Cable length (Max)	cm 135
Connector	RP SMA
Antenna Weight	gr 50
Application	Indoor\Outdoor
IP Rating	
Base Material	PC Lexan 503R-WH5151L or WH8G952 Sabic
Storage temperature	to +85 40-
Operating Temperature	to +85 40-
Storage Humidity	non-condensing 90% ~ 10%

Radiation Patterns

Horizontal Pattern



Vertical Pattern



Standing Wave Ratio - SWR Graph

