

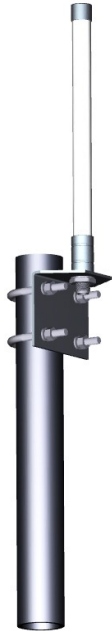
**Lora Antenna, Helium, M2M/IoT Antenna  
868MHz, 860-880MHz, ETSI Band, N-Female, Fiberglass Radome**

**Model: OF868G3/ OF868G5/ OF868G6/ OF868G7**

Vertical / Linear Polarized; 860-880MHz, ETSI Band, Diameter:  $\Phi$ 20mm,

**Features:**

- High Q Capability
- Outdoor installations with heavy duty mount kits
- Omni-directional/360deg coverage

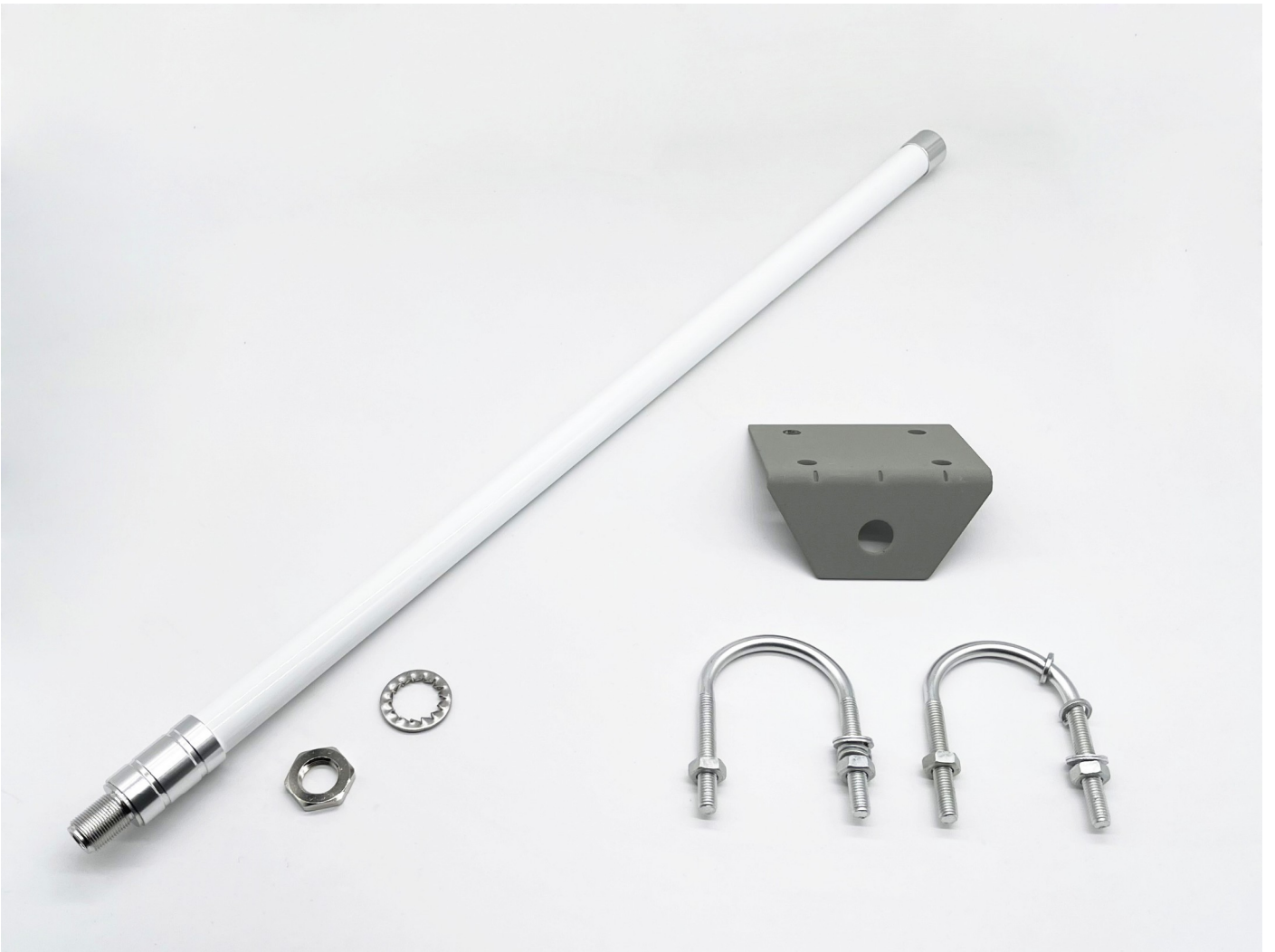


Model	OF868G3, Dipole	OF868G5, 2Array	OF868G6, 3Array	OF868G7, 4Array
<b>Electrical Specification</b>	Frequency: 868MHz, 860-880MHz			
<b>Polarization</b>	Vertical Polarized			
<b>Max Gain</b>	3.5dbi	5dbi	6dbi	7.3dbi
<b>H Beamwidth</b>	360deg / omni coverage			
<b>E Beamwidth</b>	65deg	32deg	26deg	20deg
<b>VSWR</b>	typical: <1.3 @868MHz, Max 1.5			
<b>Nominal Impedance</b>	50 ohm			
<b>Max Power</b>	50watts			
<b>Mechanical Specification</b>				
<b>Connector</b>	N-Female, Long Neck			
<b>Radome</b>	Fiberglass, Dia 20mm			
<b>Color</b>	White/Grey			
<b>Total Length with Connector</b>	314mm	600mm	800mm	1000mm
<b>Weight incl Mount Kit</b>	0.55kg	0.65kg	0.7kg	0.8kg
<b>Working Temperature Range</b>	-45°C to +75°C			
<b>Max winload</b>	180km/h			
<b>Storage Temperature</b>	-50°C to +75°C			

**Ordering info**

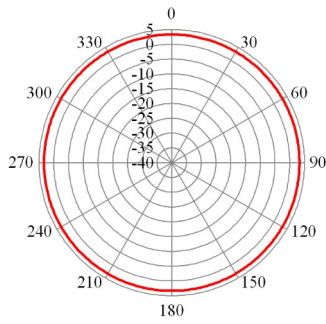
E-mail  
Fax number

[mb@proscan-antenna.com](mailto:mb@proscan-antenna.com)  
0048 22 812 47 98

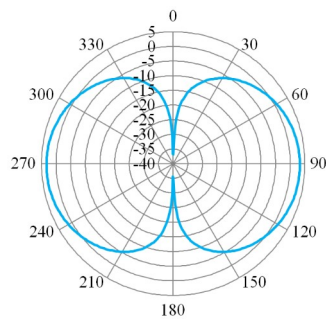


## 2D Radio Pattern

### OF868G3, Dipole

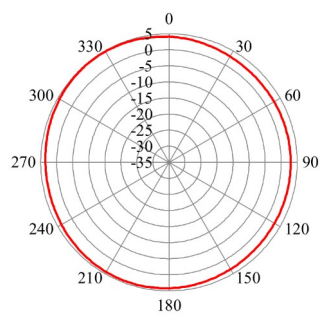


— 868MHz Horizontal

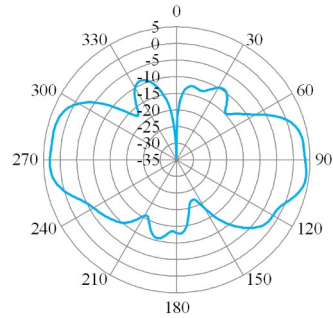


— 868MHz Vertical

### OF868G5, 2Array

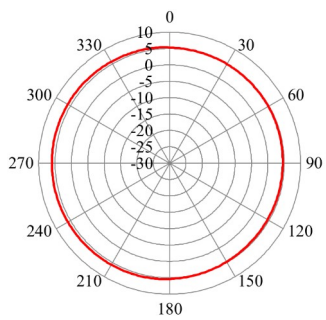


— 868MHz Horizontal

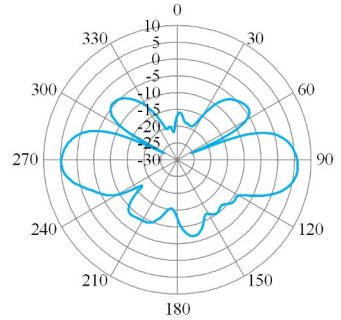


— 868MHz Vertical

### OF868G6, 3Array

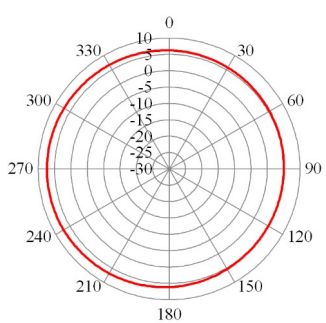


— 868MHz Horizontal

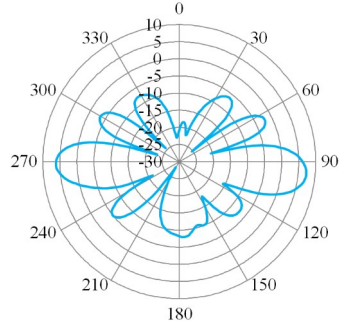


— 868MHz Vertical

### OF868G7, 4Array



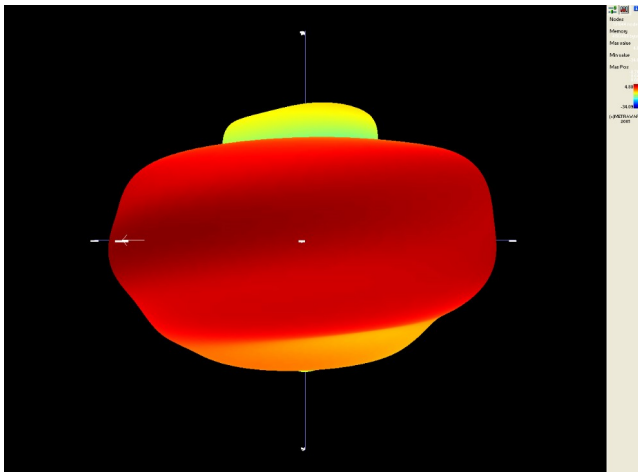
— 868MHz Horizontal



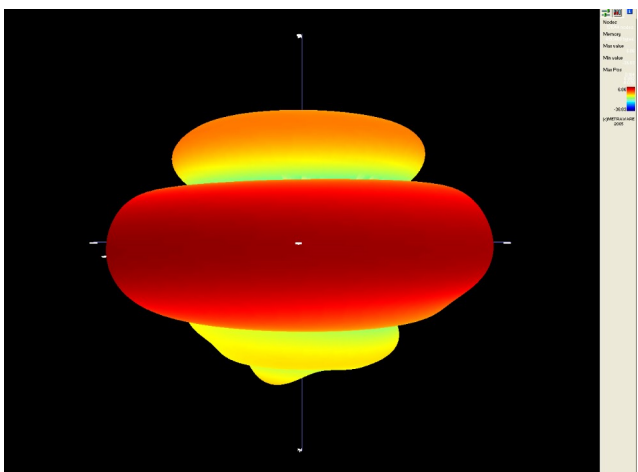
— 868MHz Vertical

## 3D Radio Pattern

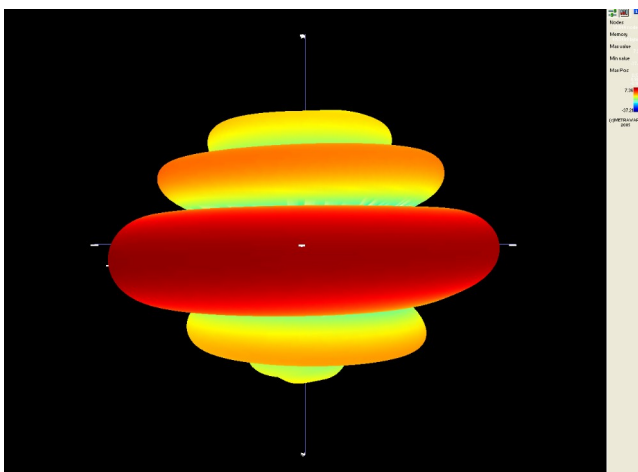
### OF868G5, 2Array



### OF868G6, 3Array

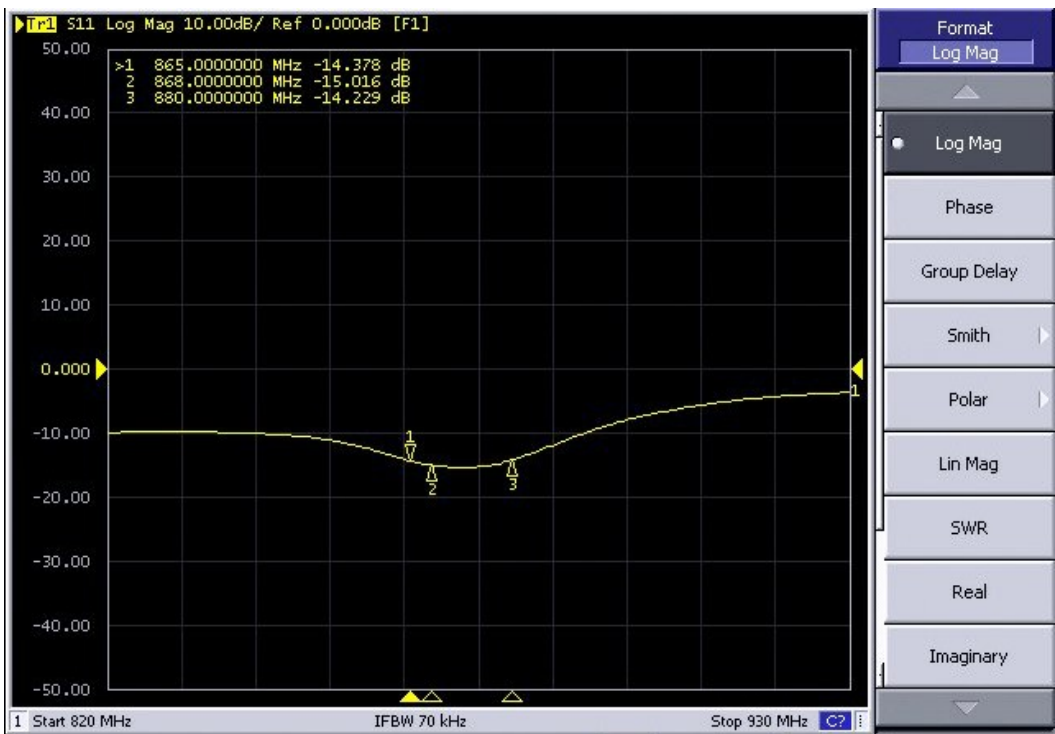
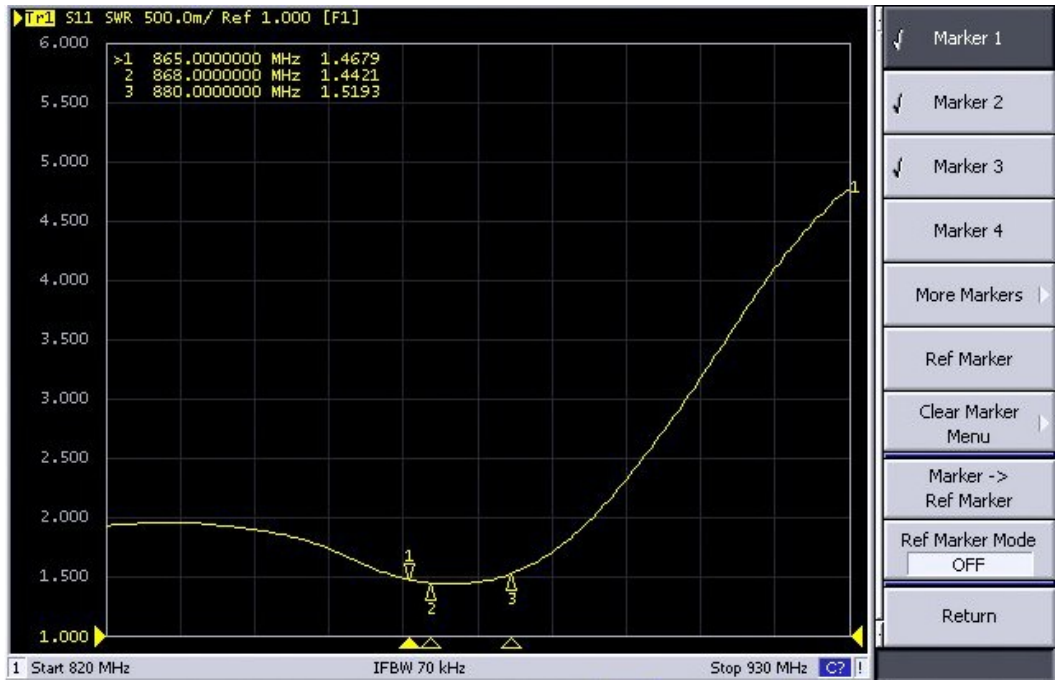


### OF868G7, 4Array

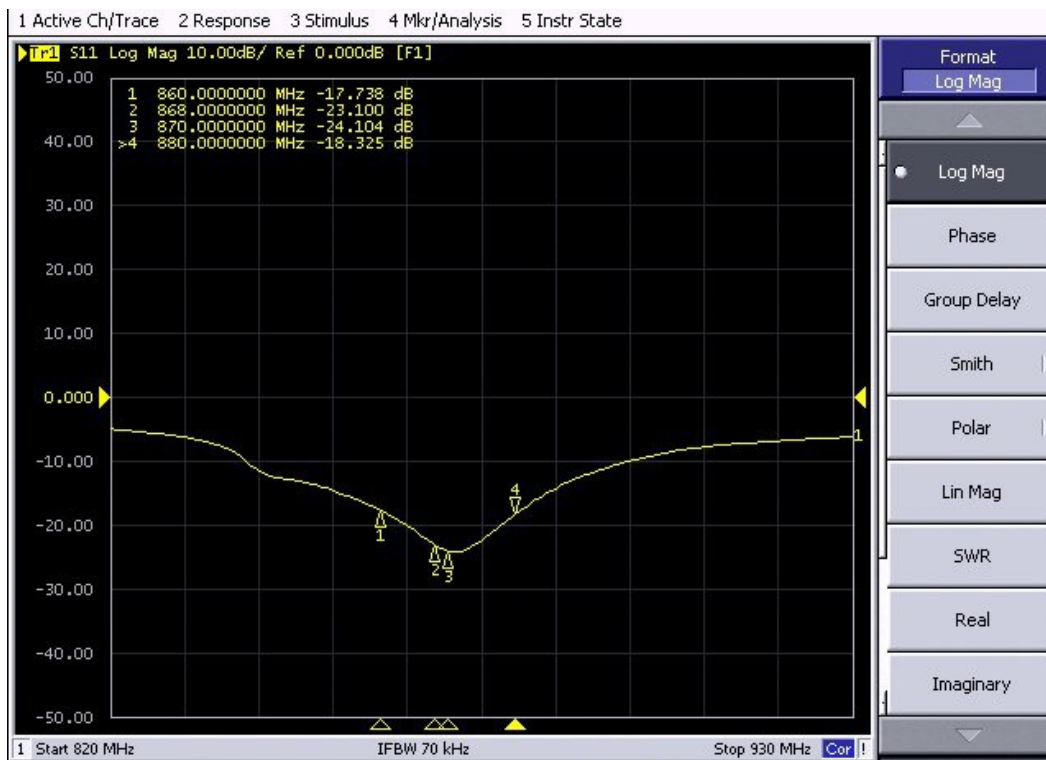
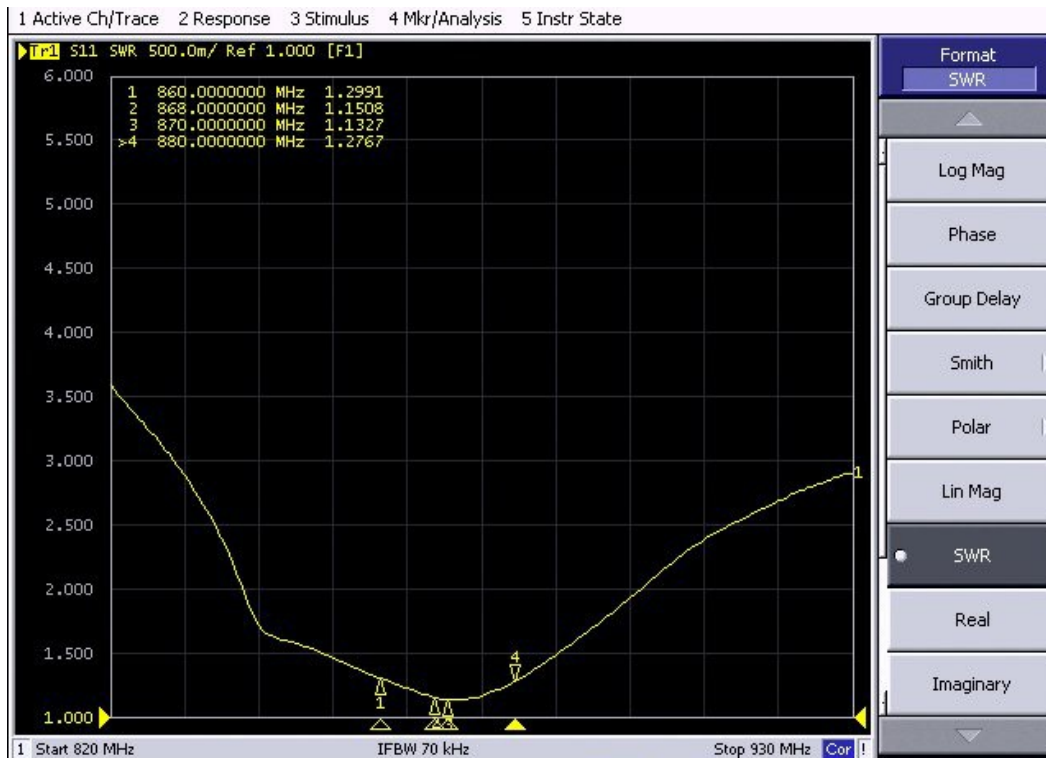


# VSWR and Return Loss

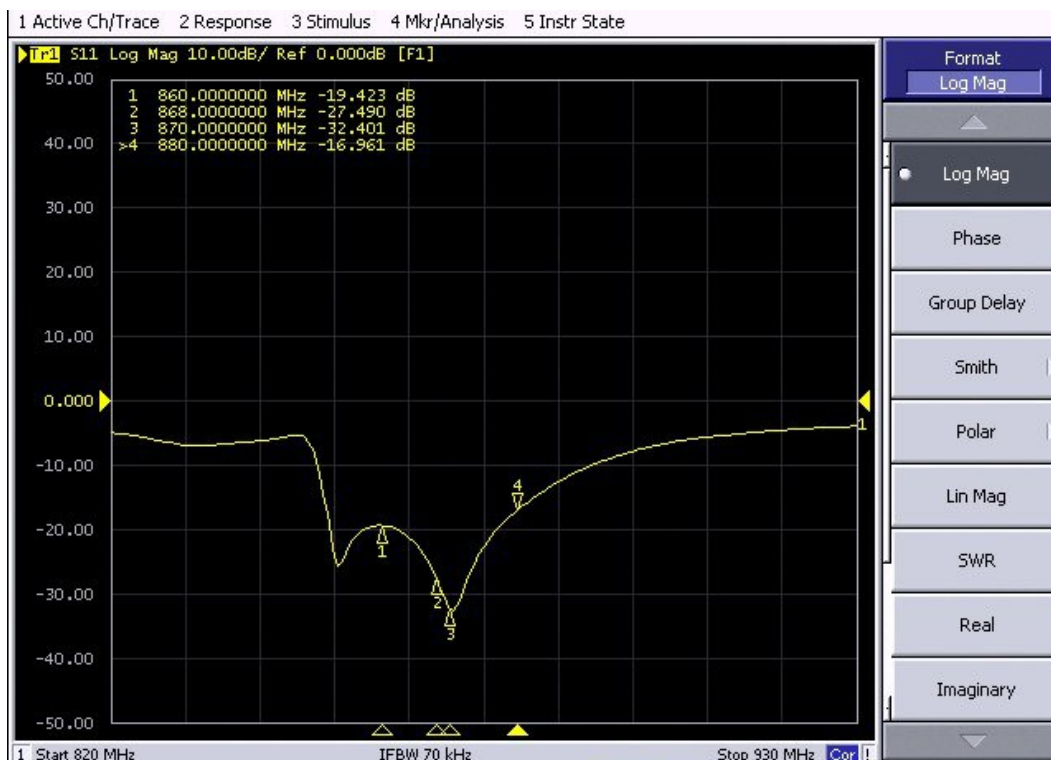
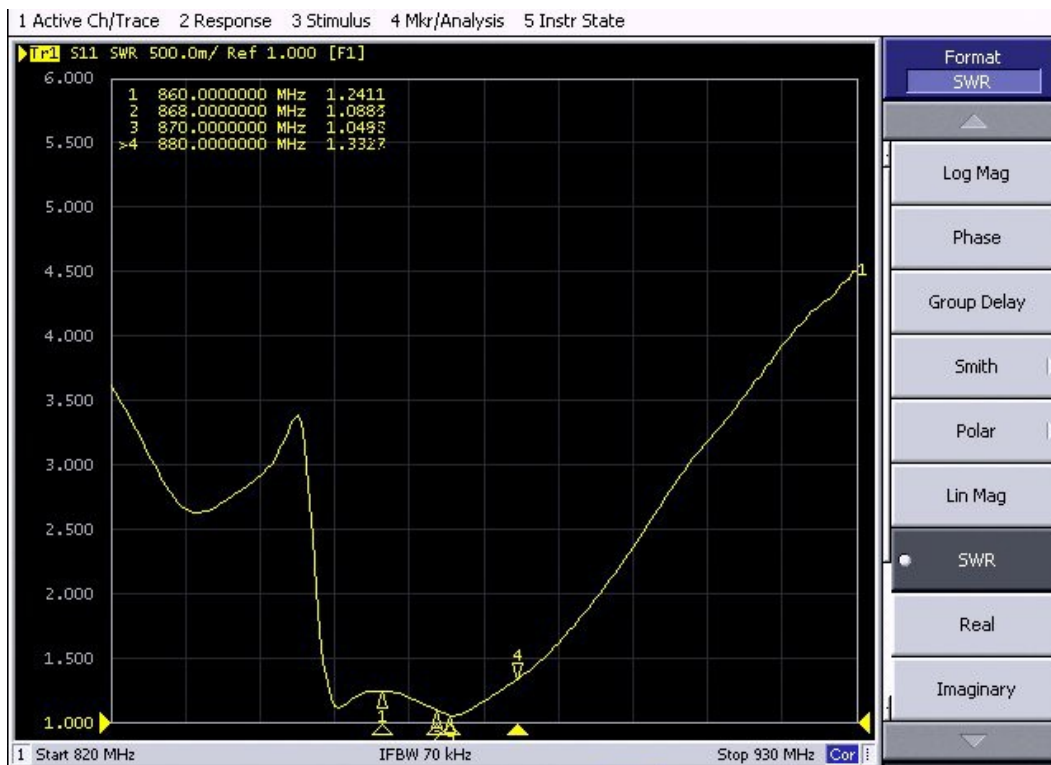
## OF868G3, Dipole



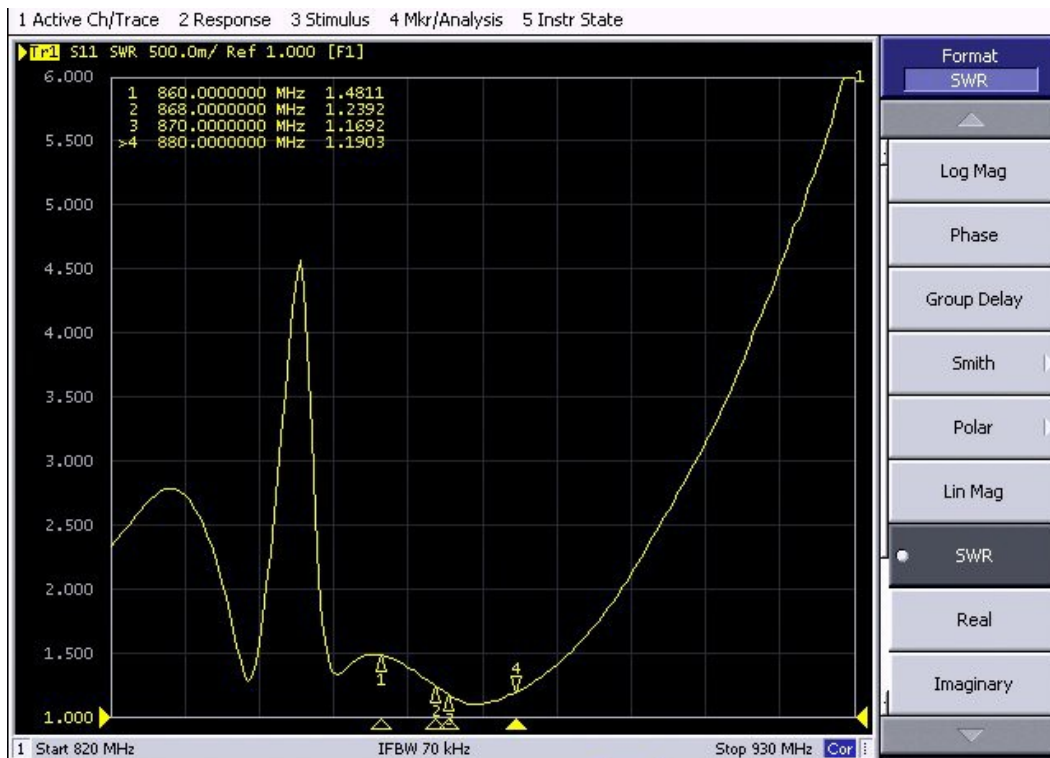
# OF868G5, 2Array



# OF868G6, 3Array

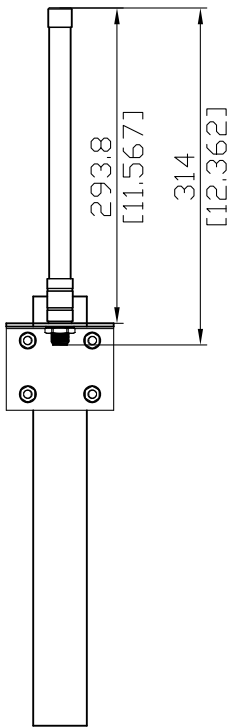


# OF868G7, 4Array

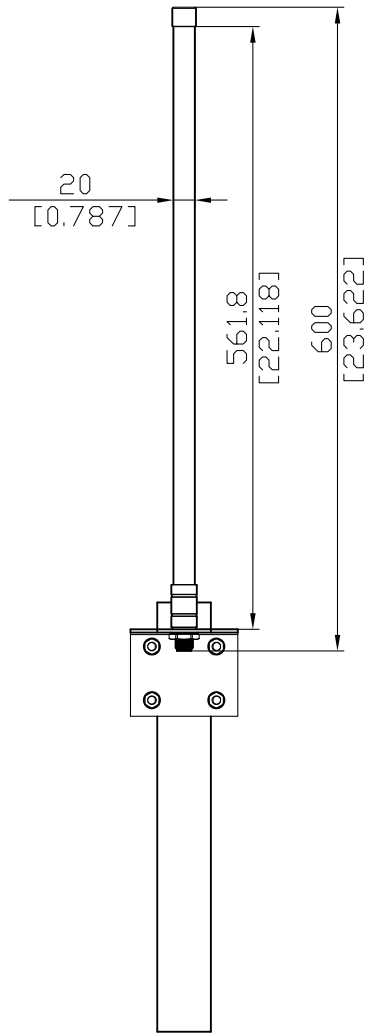




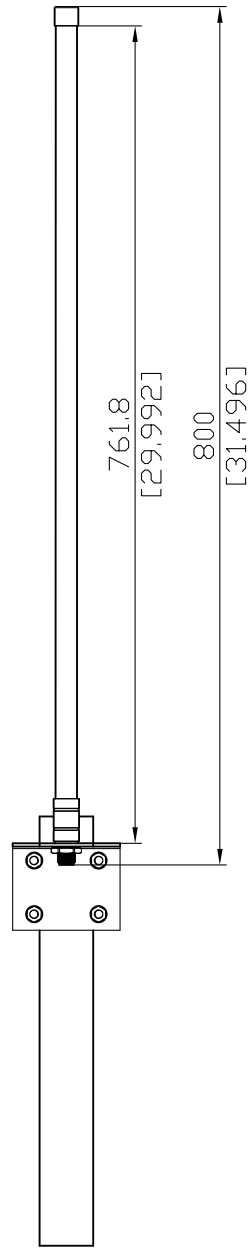
UNIT: mm



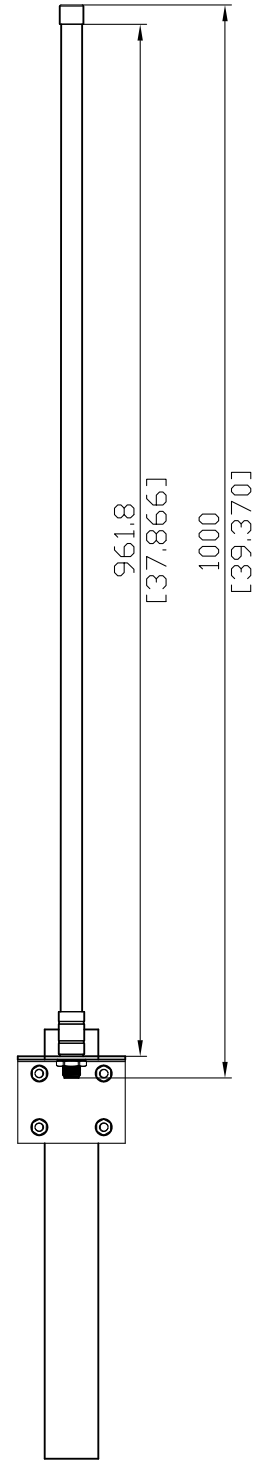
□F868G3



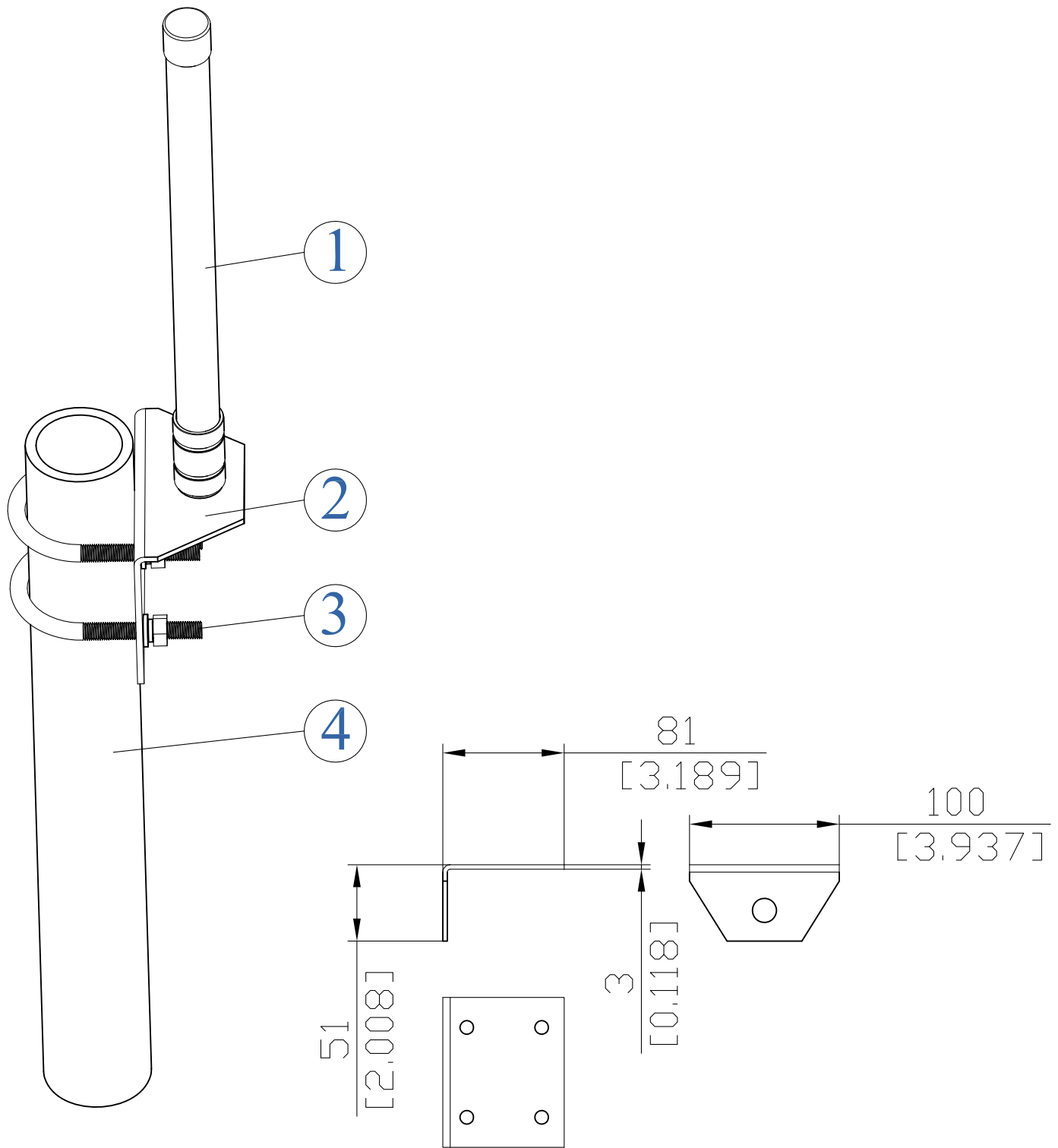
□F868G5



□F868G6

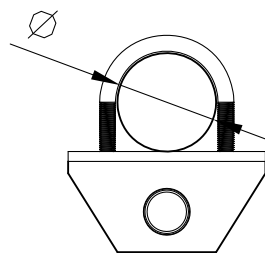


□F868G7



## Pole Installation

- 1.. ANTENNA
2. L-shape Mount Kit
3. U Bolts
5. POLE



1. Mount kits for Pole  
Dia:  $\varnothing 30 - \varnothing 50$