

Technical Specification



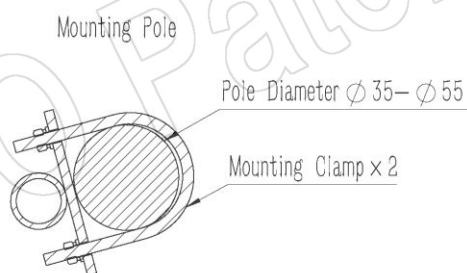
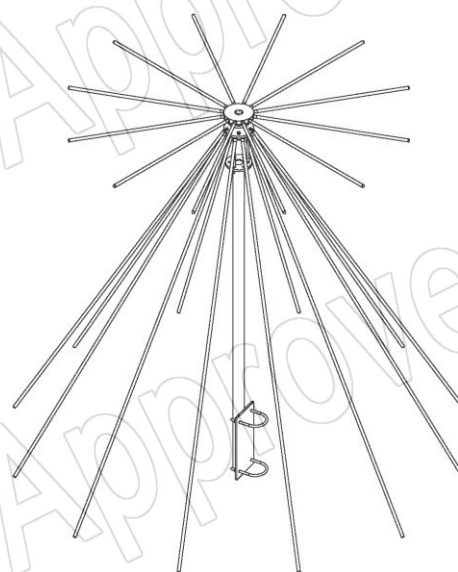
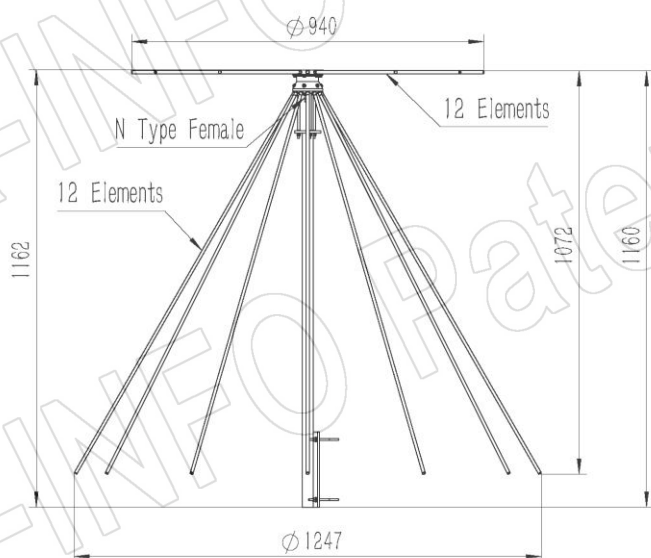
Frequency Range(MHz)	80.0 – 500.0
Gain(dBi)	0 Typ.
Polarization	Linear
VSWR	2.0:1 Typ.
Connector	N-Female
Power Handling(W CW)	300
Material	Al
Size(mm)	1247 x 1247 x 1162
Net Weight(Kg)	5.0 Around

PATENT ID (China)

ZL201630454721.X

Outline Drawing (Size: mm)

N-Female Output (P/N: PZ-850/P)



AINFO Inc.

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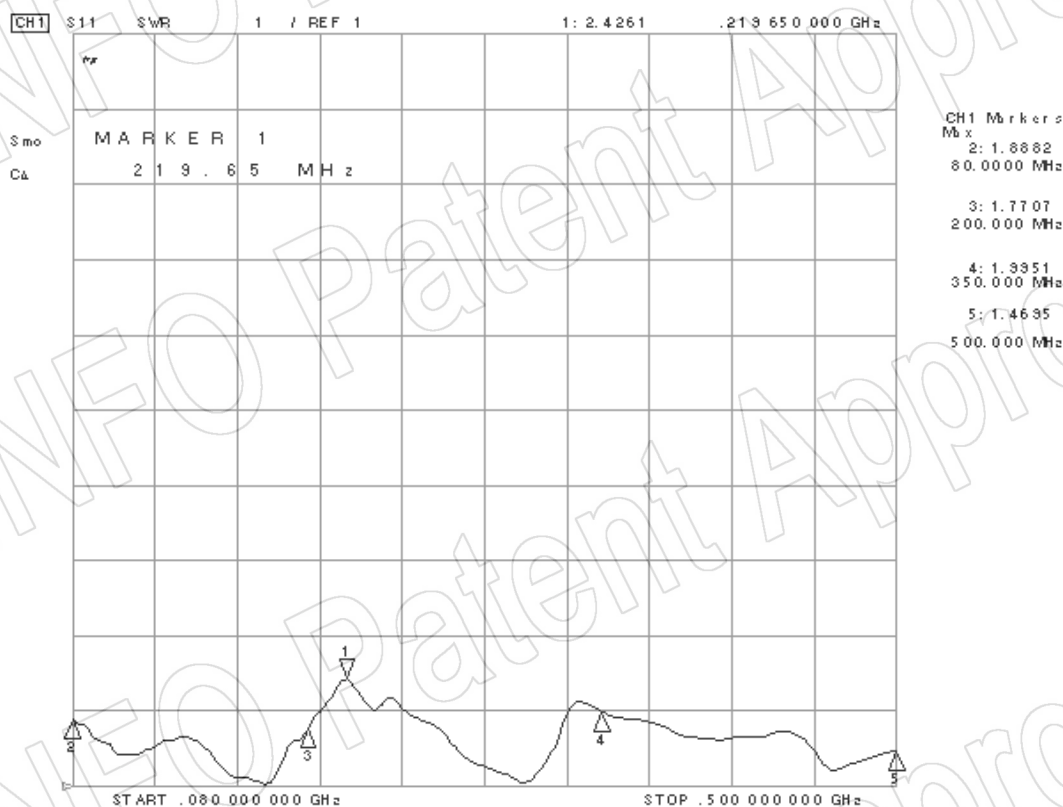
Website: www.ainfoinc.com
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Test Results

1. Gain

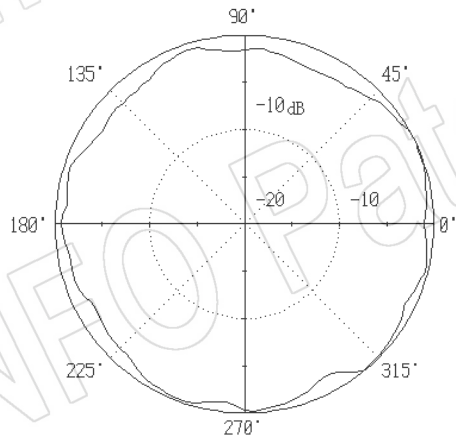
Frequency(MHz)	80	240	500
Gain(dBi)	0.8	1.5	1.8

2. VSWR

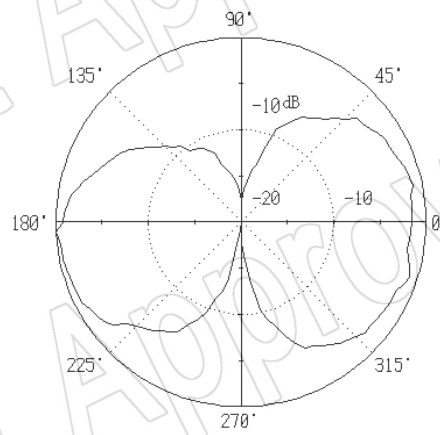


3. Pattern

Frequency: 80MHz

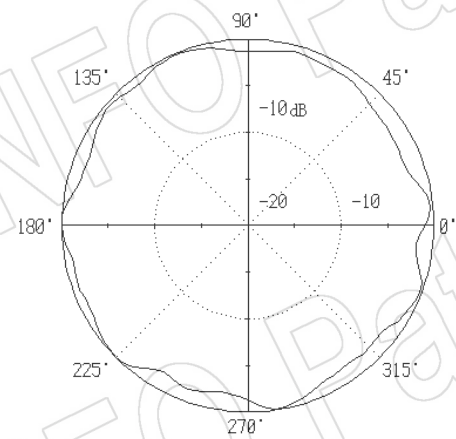


H-Plane

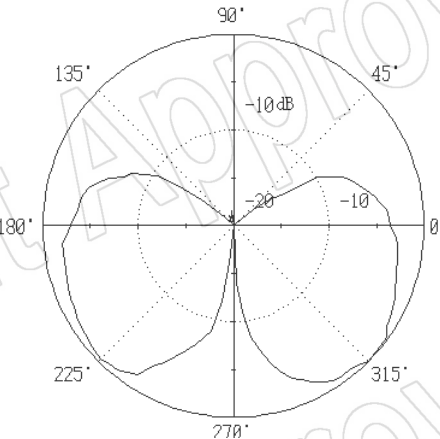


E-Plane

Frequency: 240MHz

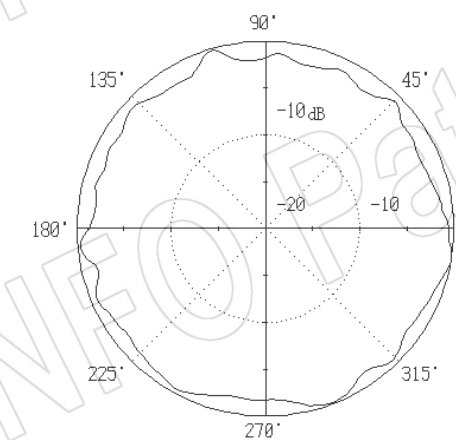


H-Plane

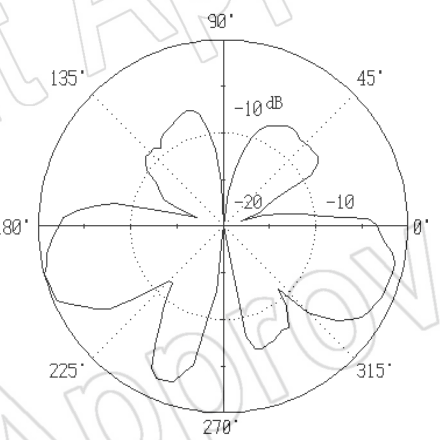


E-Plane

Frequency: 500MHz

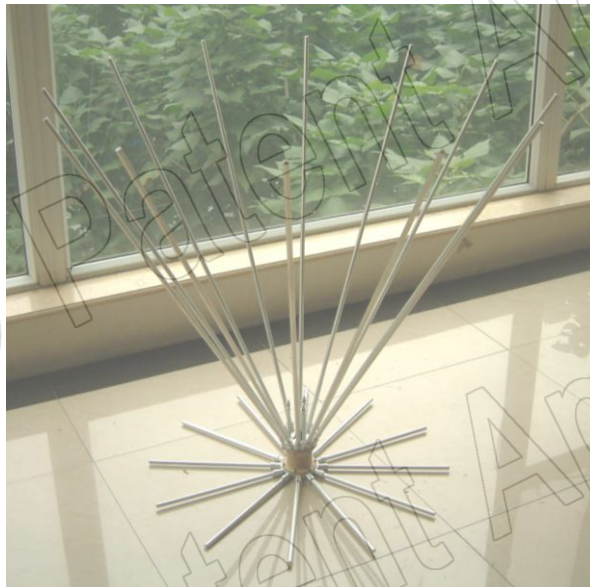


H-Plane



E-Plane

Installation Manual For PZ-850/P



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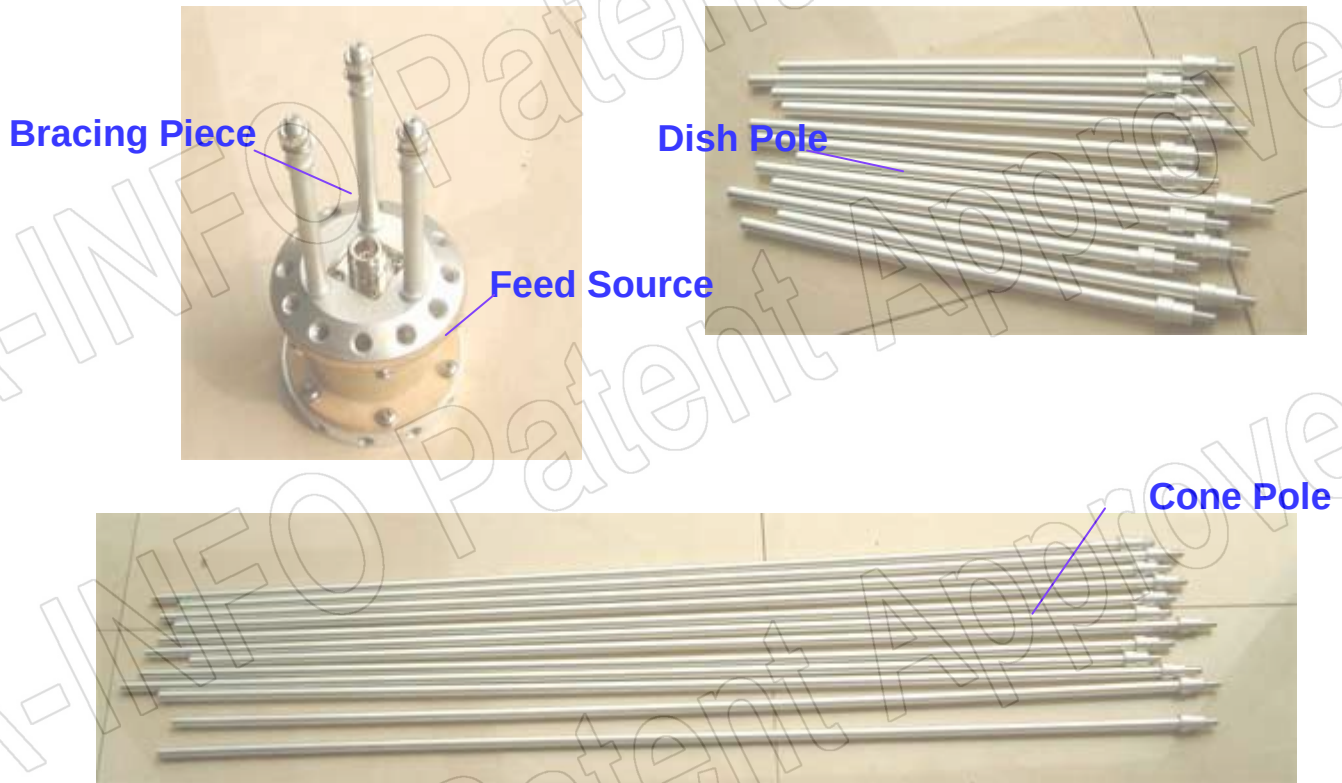
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A. Parts of the Antenna

1. **Feed Source Part (Feed Source and Bracing Piece), Dish Pole, Cone Pole.** See the following picture.



2. **Antenna Mounting Kit: L=120cm.** See the following picture:



B. Mounting Method

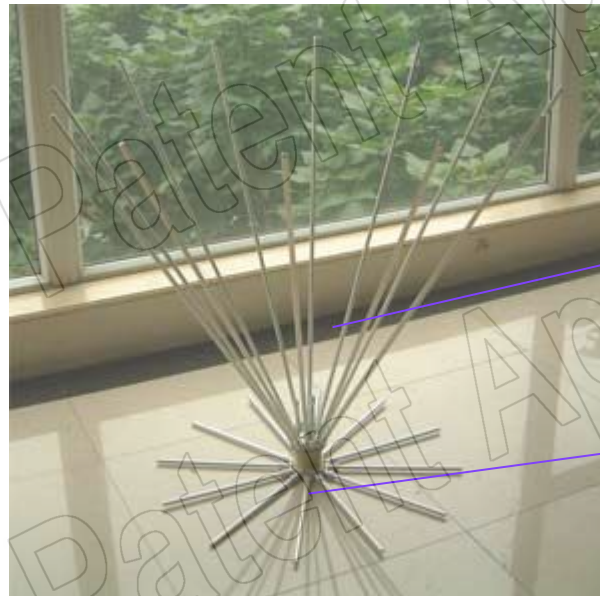
1. Fixing the **Antenna Mounting Kit (with clamp)** on the place where you would like to install the antenna. See the following picture. (for reference).



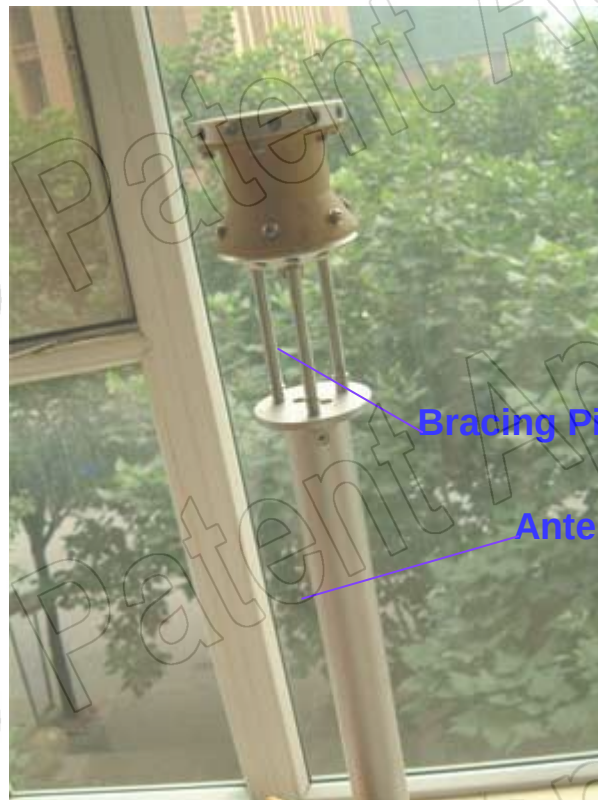
2. Fixing the **Dish Pole** to the **Feed Source**. See the following picture.



3. Fixing the **Cone Pole** to the **Feed Source** (Notes: For better fix, you must keep the **Cone Pole** to be 60 degree with the level. If you feel hard to fix, you can adjust the angle, pls. do not fix forcibly.). Please see the following picture.



4. Pls. use the **Bracing Piece** to fix the **Feed Source** and the **Antenna Mounting Kit**. See the following picture,



C. Finishing Picture

1. After fixed the **Dish Pole** and the **Cone Pole**, pls. see the following picture.



2. Pls. fix the picture above to the Antenna Mounting Kit.

