



Test report is for reference only.

TEST REPORT
For
PZ-450/P



Technical Specification

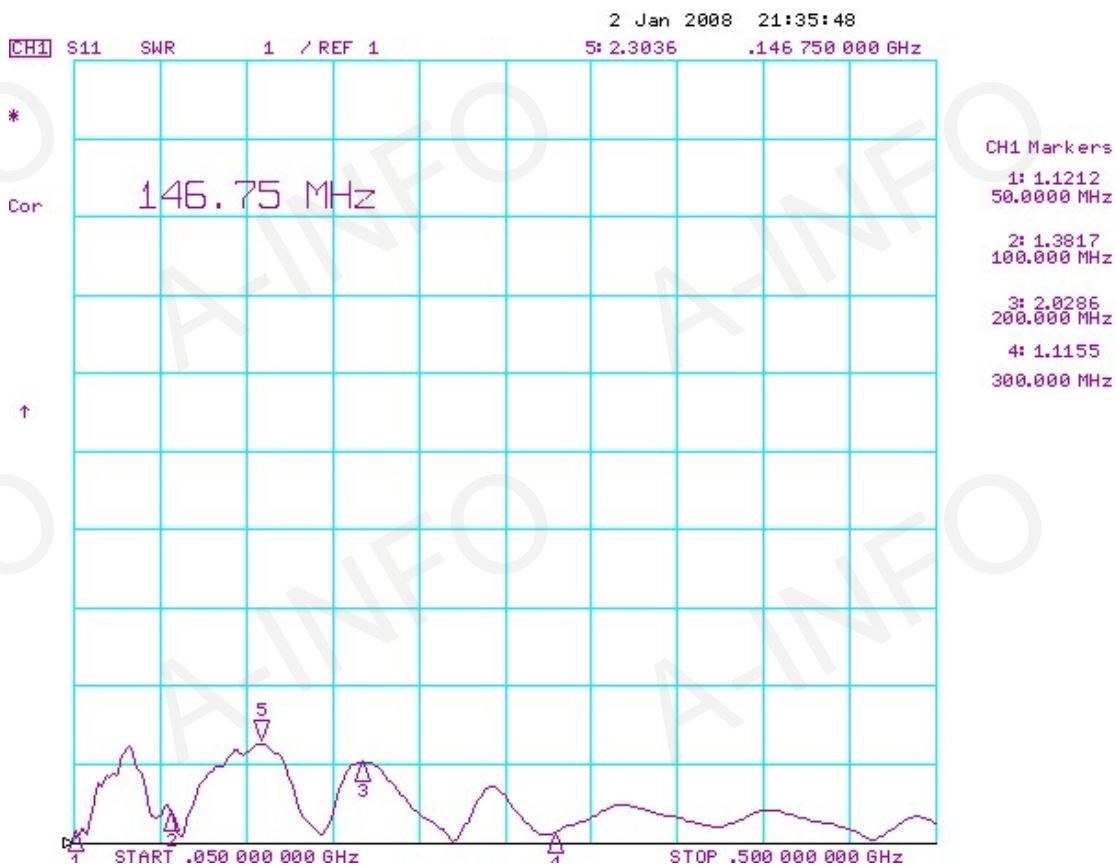
Frequency Range	VSWR(Typ.)	Power CW	Connector	Net Weight	Size
40-500MHz	2.5:1	300W	N-Female	8.57Kg	Φ2040 x 1767mm

Test Result

1. Gain

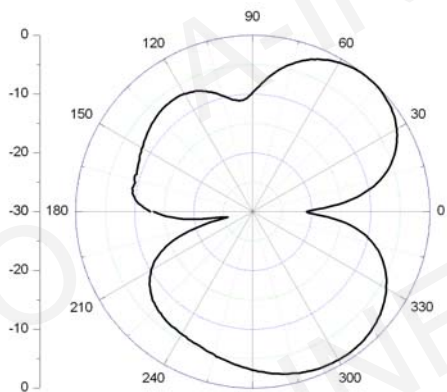
Frequency (MHz)	40	200	500
Gain (dBi)	0.8	1.5	1.8

2. VSWR

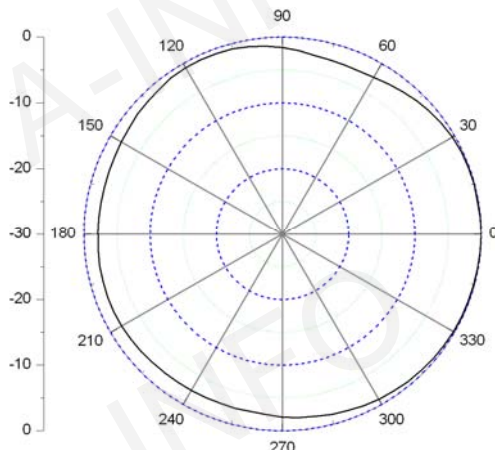


3. Pattern

Frequency: 40MHz

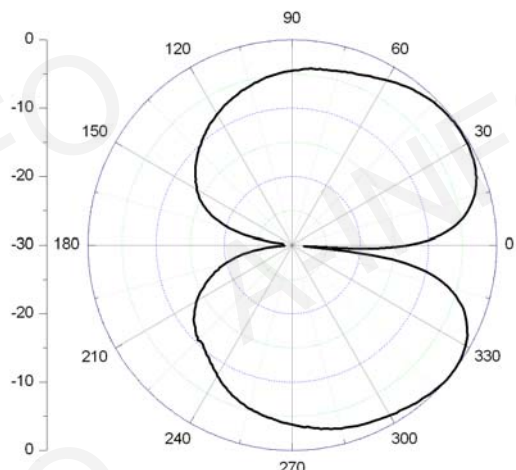


H-Plane

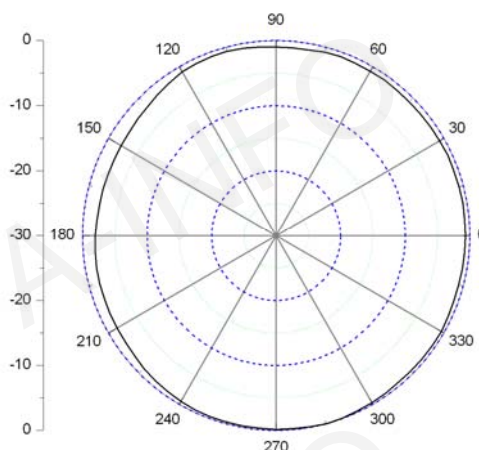


E-Plane

Frequency: 200MHz

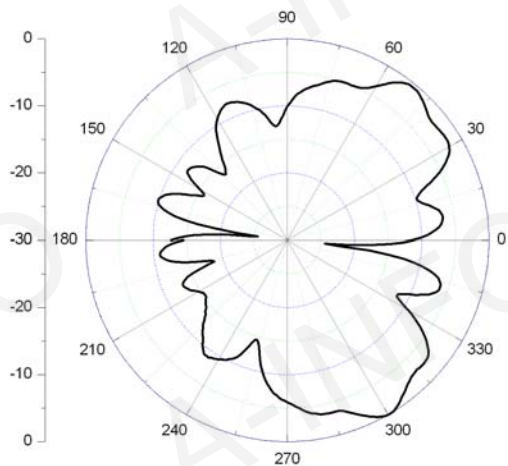


H-Plane

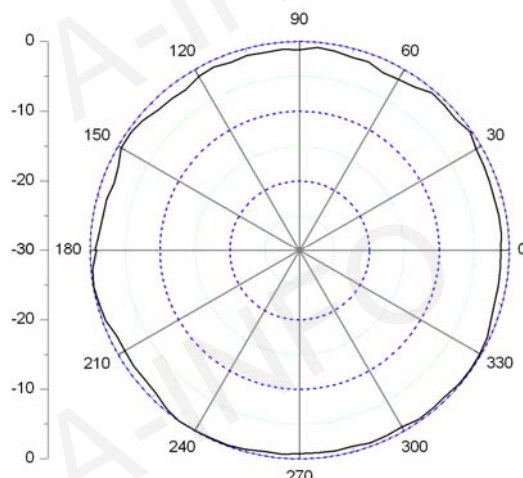


E-Plane

Frequency: 500MHz



H-Plane

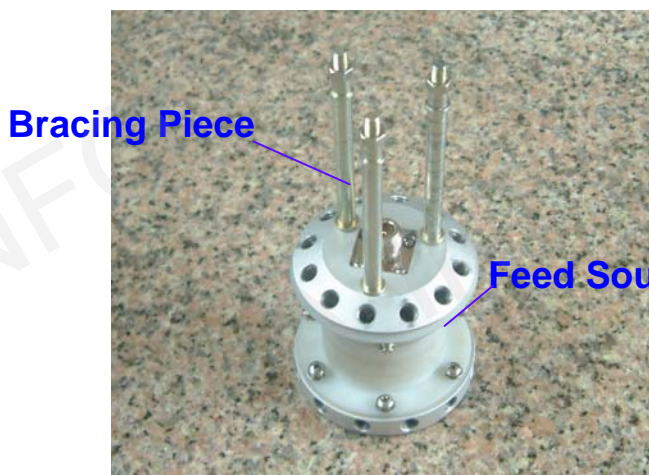


E-Plane

Installation Manual
For
PZ-450/P

A. Parts of the Antenna

1. **Feed Source (Feed Source and Bracing Piece),**
Dish Pole, L=72.5cm
Cone Pole (Upper Cone Pole, L=110cm; Lower Cone Pole, L=100cm).

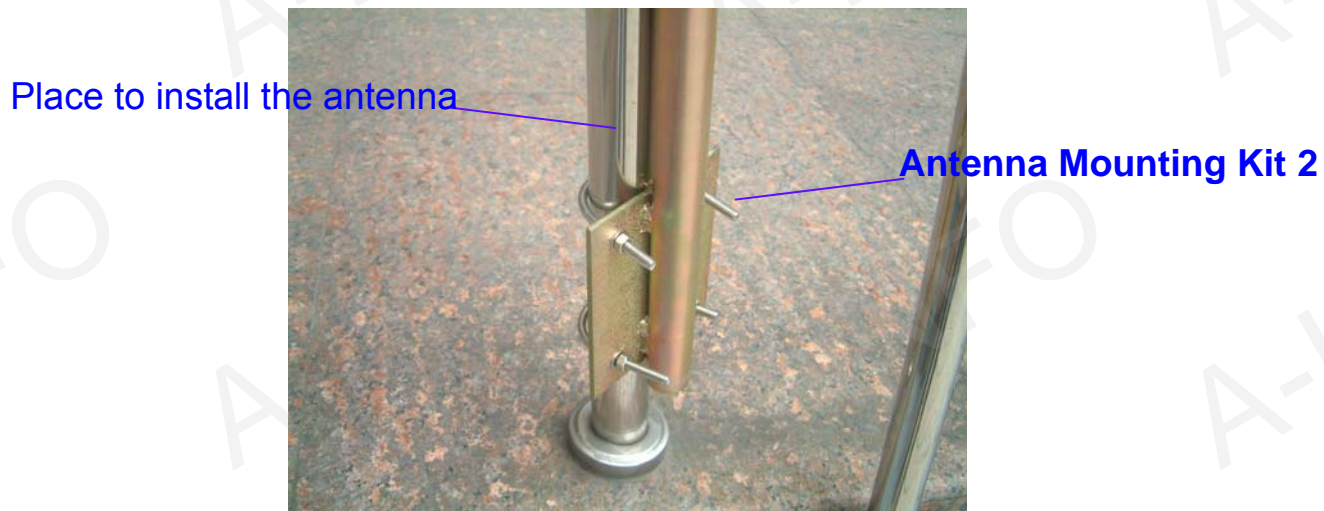


2. **Antenna Mounting Kit 1, L=104cm**
Antenna Mounting Kit 2(with clamp), L=100cm

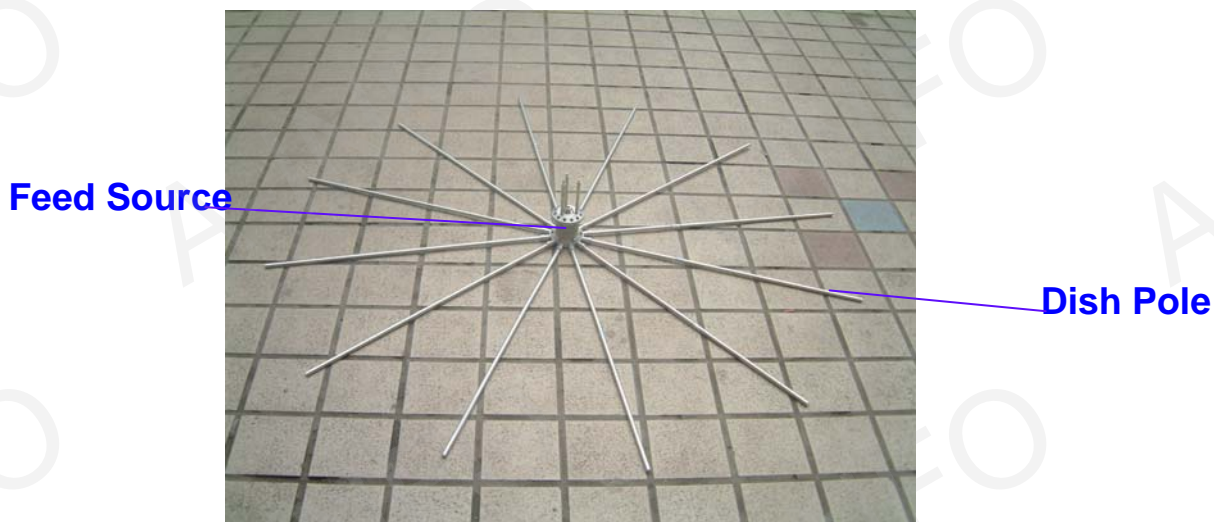


B. Mounting Method

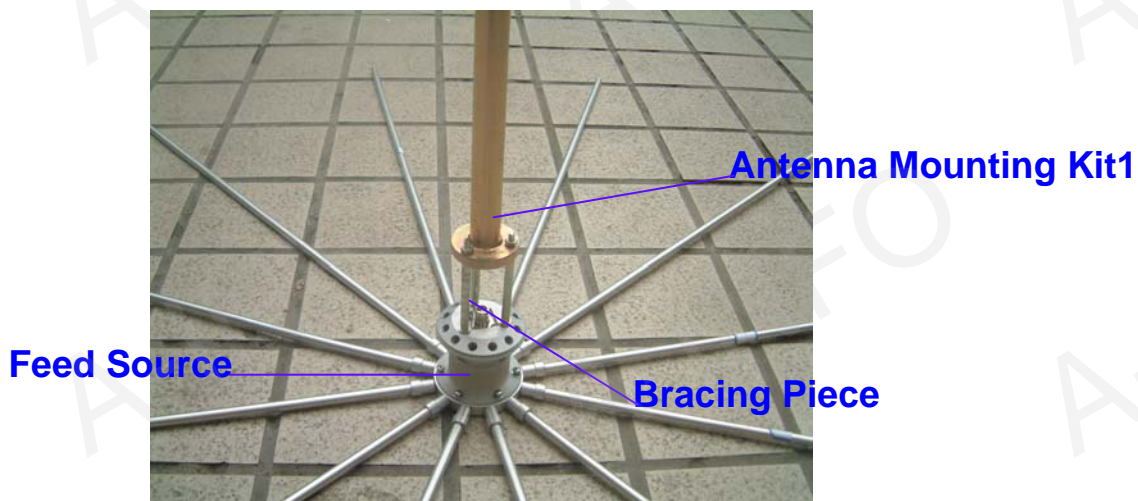
1. Fixing **Antenna Mounting Kit2 (with clamp)** on the place where you would like to install the antenna. See picture below



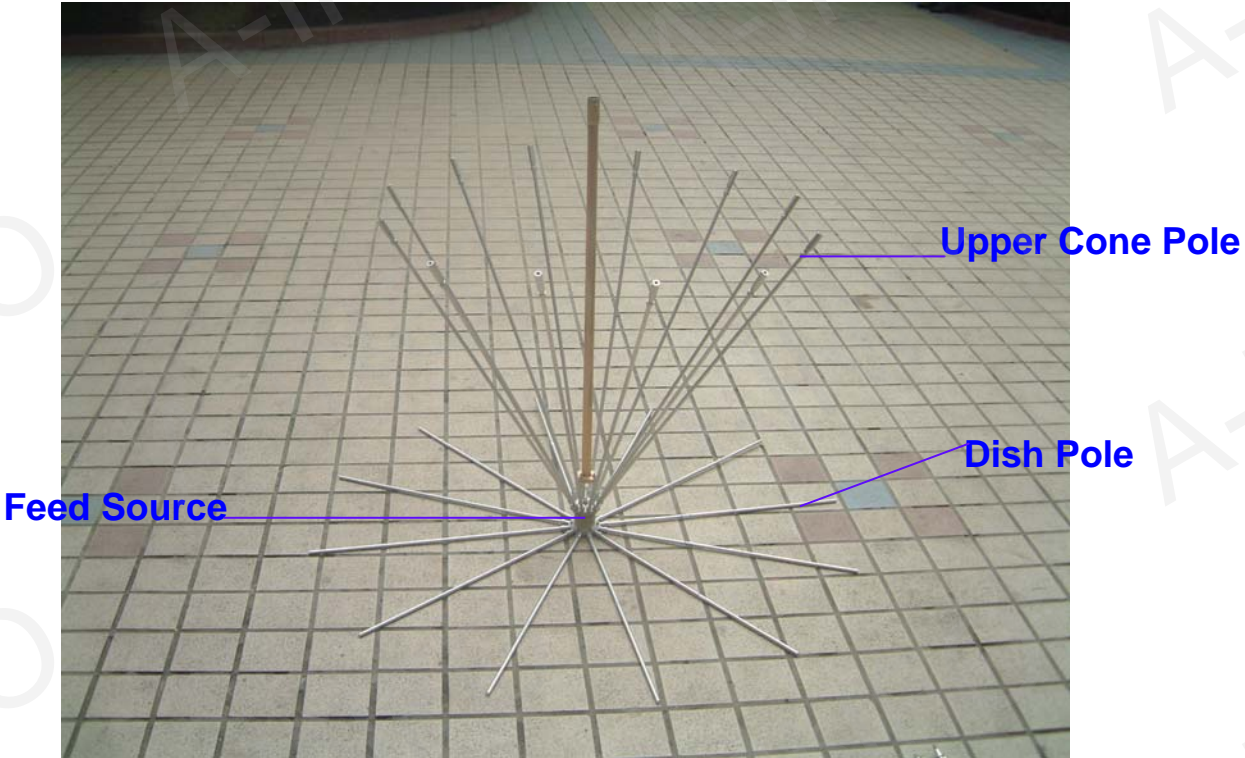
2. Fixing **Dish Pole** to **Feed Source**. See picture below



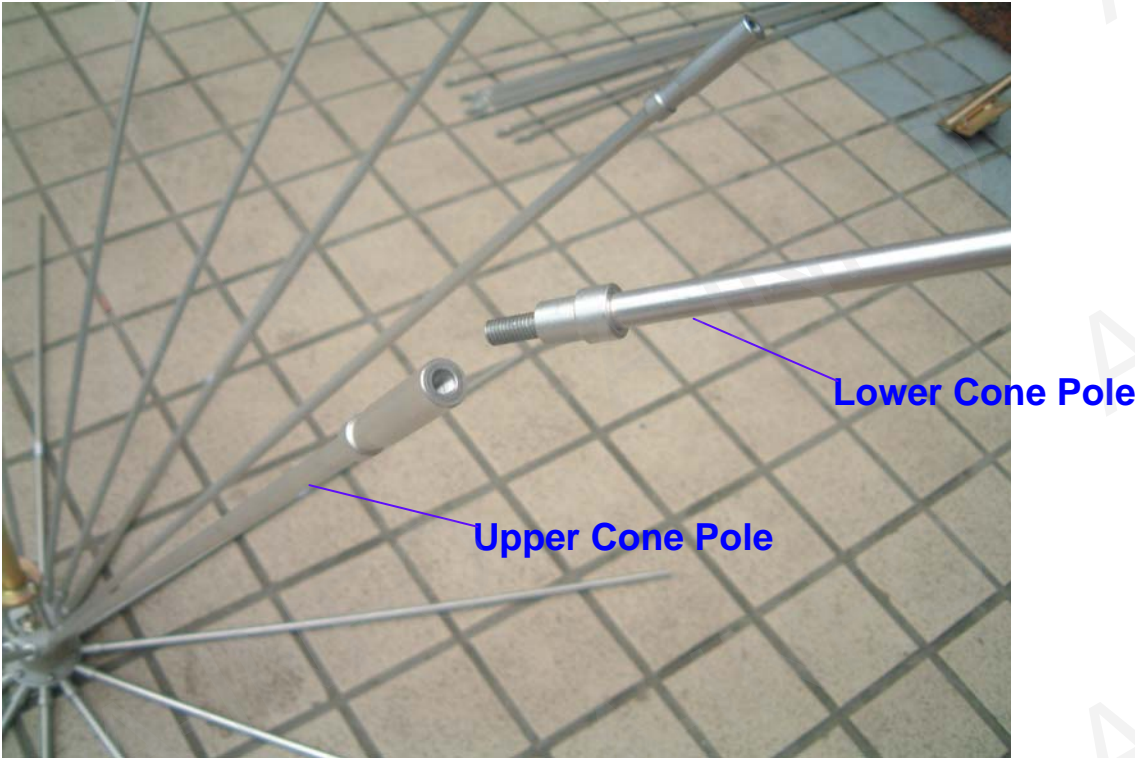
3. Pls. use **Bracing Piece** to connect **Feed Source** and **Antenna Mounting Kit 1**. See picture below



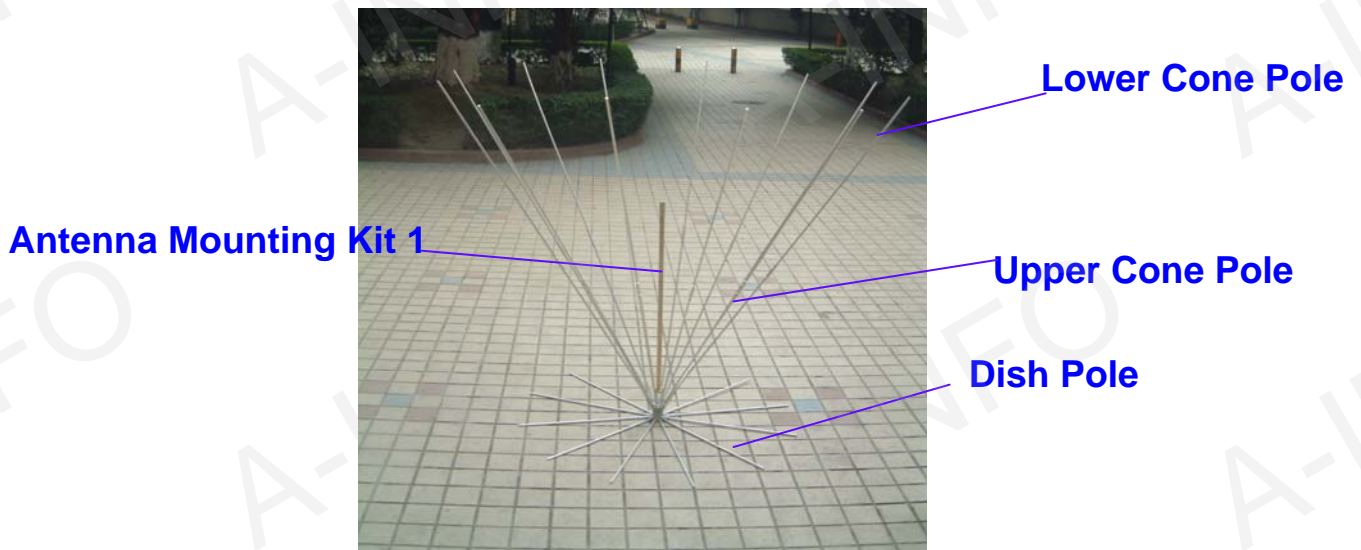
4. Fixing **Upper Cone Pole** to **Feed Source** (Notes: For better fix, you must keep the **Upper Cone Pole** to be 60 degree with the level. **when feel hard to fix, you need to adjust the angle, pls. do not fix forcibly.**) See picture below



5. Fixing **Lower Cone Pole** to **Upper Cone Pole**.



6. When **Dish Pole**, **Upper Cone Pole** and **Lower Cone Pole** are fixed together, it should be looked like the picture below.



C. Finishing Picture

1. After fixing **Dish Pole**, **Upper Cone Pole**, **Lower Cone Pole**, pls. reverse and insert **Antenna Mounting Kit 1** into **Antenna Mounting Kit 2** with clamp then connect **Antenna Mounting Kit 1** and **Antenna Mounting Kit 2** by two screws. The finishing picture should be looked like the picture below

