

Definitions

AZIMUTH is rotation of the mount on the pole.

ELEVATION is the angle of the Polar axis.

Polar Axis is the axis of rotation of the dish provided by the actuator.

Now, watching for Q, on a known active transponder, on your zenith sat, rotate the mount on the pole, slightly, east or west, looking for a maximim Q reading.

Most recievers will require you to pause after each rotational adjustment, for the Q reading to be aquired or stabilized.

NOTE:

If your Zenith satellite more than a few degrees East of West from your longitude, you can "fudge" a little, I.E: drive your dish a little east or west.

If you are unable to get any Q, slightly adjust the Polar angle up or down and repeat the above.

When you have maxed your Q with slight rotations of the mount on the pole, adjust your Polar elevation for maximum Q.

This is usually a large turnbuckle or nut and bolt arrangment on the backside of the mount.

After locating our ZENITH sat by rotating the mount, ADJUST ELEVATION. for maximum Q, we would like Q to be 40 or more.

do not rotate the mount on the pole (AZIMUTH) at ZENITH again.

Explanation - -

From now on, the actuator moves the dish E-W. at ZENITH, so there is no need to adjust AZIMUTH (E-W), , the actuator does it.

We need only adjust ELEVATION at ZENITH from now on.

Note- If you are unable to get Q, and assembly of the dish is as outlined, Double check your reciever programming. Double check feed measurements. If that is correct, suspect an electronic failure.

If you have switches, remove them, run coax directly from the lnb to the receiver. Check all connections. Swap out receiver for known working unit. Swap out LNB? You should have something for Q

