

Your dish must also be "TRUE"

Check it for true by running a string across the center of the face of the dish, lip to lip. Run another at 90 degrees to the first string.

Do the strings touch where they cross? If yes, your dish is true.

If no, your dish is warped. Now, the amount of warp, determined by the space between the strings at the crossing point, may be up to an inch, and may not degrade C band performance much, but would have a negative effect on Ku band. If you want Ku with your BUD, The space between the strings should be less than 1/4 inch.

If the space is between 1/4 and 1 inch, it will probably work ok on C, but Ku may be disappointing.

If your BUD is warped, Weigh your options, Straightening, or replacing? Or is the performance "good enough?".

All initial alignment is and should be done on C band ALONE.

The beamwidth of a BUD, at C band, is much wider than it is on Ku.

A signal on C may start out at a Q of 10 and we can tweak the dish left, right, up and down without losing it. On Ku, we may have to be "Right On" in order to see any signal Q.

After we have gotten the dish aligned on the arc and operation of C band is acceptable, can Ku be attempted.

If the dish is to be reassembled as it was.

Marking panels A-A, B-B etc.during disassembly helps.

Don't swap the positions of panels. or sections of the dish.

If it has a "Button-hook" feed, a single pole from the center of the dish, to mount the feed, mark its position, both distance from dish and what is aimed towards the top of the dish.