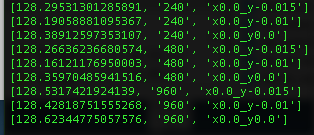
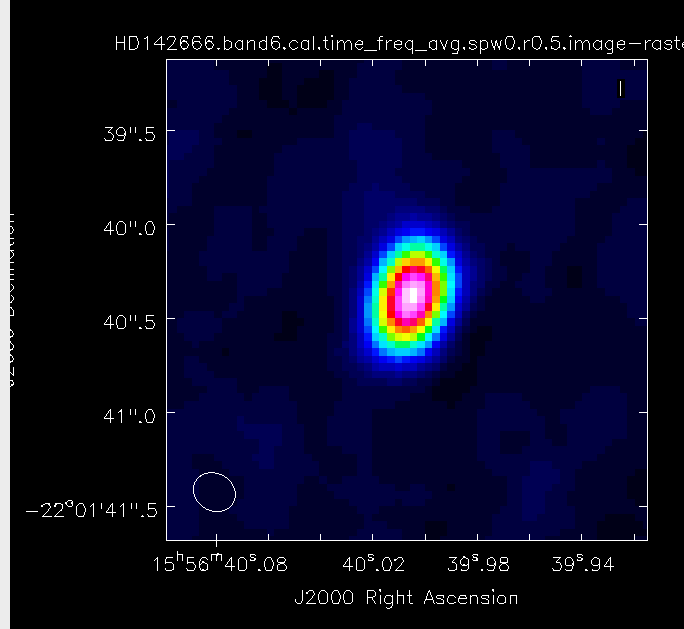
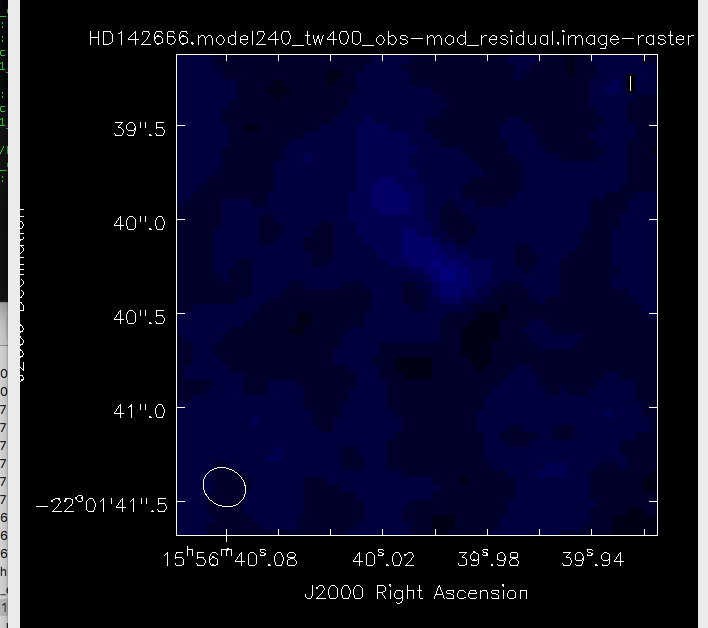
Tested some RA/Dec shifts, and found a Dec shift of 0.01 worked best:



Checked observation, found reason is because of upper left corner (so lowering dec would account for that noise?):



See before:



And after:

