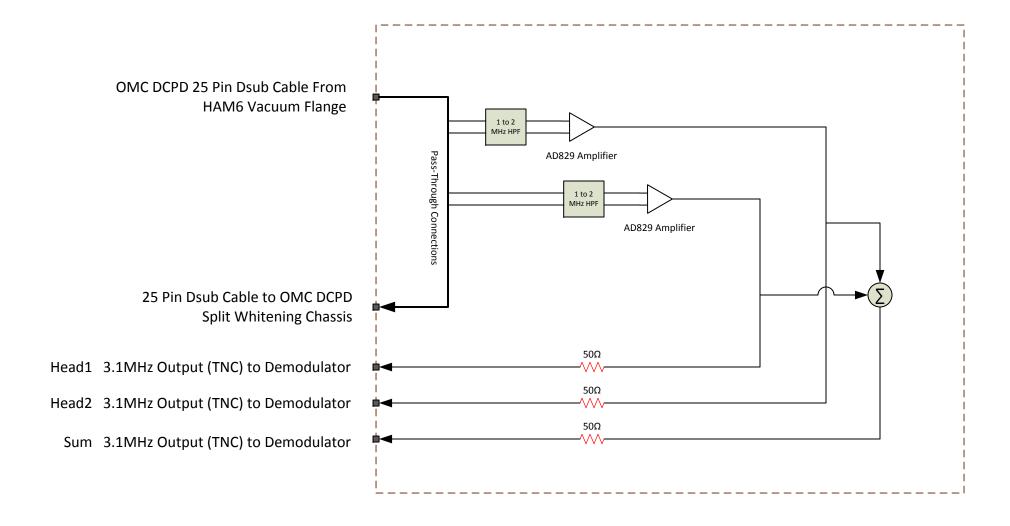
Notes:

- 1. 3.1 MHz was chosen as the highest frequency signal that can be transmitted with decent SNR through the existing OMC DCPD
- 2. The purpose of this chassis is to split off the 3.1 MHz signal from the normal DCPD path without introducing noise.
- 3. The desire is to have a gain of ~10 at 3.125MHz from the differential OMC DCPD signal being sampled, to the TNC RF outputs

Squeezer Angle Control Signal Pickoff



Revision History:

V1 – Initial release

 $V2-Added\ design\ updates\ per\ conversation\ with\ Daniel\ Sigg\ including\ reordering\ stages\ and\ the\ desire\ for\ gain\ in\ the\ 3.125MHz\ signal\ path$

D1700309-v2 R. Abbott, D. Sigg, L. Sanchez