

Extracting phase-cal tones in DiFX2.0

Phase cal tone extraction is soon to be added to DiFX2.0. All of the hooks are already in place in the control file formats. The following assumptions are explicitly made:

- The phase cal tones fall on integer MHz boundaries.
- There is a tone every N MHz, where N is specified as the extraction interval to the correlator.

DiFX2.0 will write out the phase cal values in a format very similar to that written by the hardware correlator. This allows the computed phase cal values to be picked up by [difax2fits](#).

A phase cal record will be produced for every integration period. For short integration periods this will result in a lot of phase cal data, but still much less than the visibility data. Phase cal records will be averaged to a desired interval in [difax2fits](#).

From:

<https://www.atnf.csiro.au/vlbi/dokuwiki/> - **ATNF VLBI Wiki**

Permanent link:

<https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/difax/difax2.0phasecal?rev=1256764434> 

Last update: **2009/10/29 08:13**