

JUC, 3/2/2017, 11.00

present: Des, Jonathan, Benito, Harro

- Des: did not work on UniBoard this week

- Harro: did not work on UniBoard this week

- Jonathan: ran simulation to check problems with incidental but predictable 90 degree phase jump in integrations. Easy hypothesis (simple repeat/skip left over) was not it so must explore other lines of enquiry. Amongst others: model coefficient serialisation will be checked, suspicious amount of zeroes in coefficient around affected integration will be checked.

Next week will be ARTS busy "week" (four-day event) so can only work @JIVE on Friday.

- Benito: investigating why synthesised UniBoard beam is different. UV coverage identical (to best check available). Weight differences before bandpass calibration agree to better than 1 in $5E-4$. After BP cal UNB weights seriously affected on baseline Ef-On and possibly others (weight approaches zero). Des will read up on BP cal docs + algo to see what it does and maybe why it doesn't seem to like UniBoard data. Benito will force identical weights on both data sets and check if the synthesised beams then match. Benito will be away next Mon-Thu and have EVN real time fringe test at 04:00 AM on Fri so don't expect much to happen before next JUC.