

USA Dial-in = 1-877-505-6247; passcode 8339148 #: mod_code 2917771 #

Outside USA Dial-in = 1 630 693 3224

- Mount
 - Guillaume is trying to simulate and reproduce the delay problem using the ACU simulator.
 - Waiting for Stephan's update on skypol-lock in another week.
- Observation
 - Fringe-like oscillation in correlator output limited to baselines related to Ant2IF2. After turning off the IF2 amplifier for Ant2 (IF1 in Grxmon due to swapped connection in module), the oscillation is gone. Derek will probably take a look.
 - The XFER error in TKCOR is much reduced when using the new version software (which can support config 7rr11). Observation can switch to new software and rpfits when ready. (Caution: the trace selection is different)
- 13-element
 - RO
 - The new board should come back next week or the week after. Plan to test in Hilo in Sep.
 - Mixer
 - Chip mounting in the 1st block looks good. Will proceed with 2nd and 3rd blocks. After mounting, will find vendor for bonding. The first package is expected to finish in 1 month.
 - IF/LO
 - Prof. Chu argues against adding another MMIC attenuator into the LO module. The needed modification is not trivial. Johnson explains that current module is not expected to maintain LO variation less than 1dB all the time, so it is probably acceptable to use fixed coaxial attenuator (1dB step) external to the LO module.
 - 1.2m dish
 - Locutus reports the mount for far-field test is ready. Control software is also ready to scan 3degx3deg (as in 60cm test). Manpower is most needed.
 - Protty cautioned that modification to 1.5degx1.5deg scanning range would be better. Need to check which parameters need to be modified in the software.
 - In the EE dept, the near-field setup will be first verified with the 30cm dish.