

JUC, 27/1/2017, 11.00

present Harro, Des, Jonathan, Benito, Arpad

- Des: Jonathan wanted to re-run old experiment, had weird results. Transpires that wrong clocks were used.

- Jonathan: now perfect agreement with old results and new ones with 16/32 MHz personalities. Good!! Will continue testing 64MHz. Occasional 90 degree blips, in all bands, very likely something in firmware. Repeatable, although different places for 16 and 32. Investigating.

- Benito: removed Kvazar stations which were correlated with bug that was later fixed. Now, difference amplitudes SFXC-JUC about 5% of SFXC amplitude. Some differences, but different responses to RFI. Nearly identical images, noise identical, peak pretty much identical, but beam slightly different. How possible with same visibilities? Weights? Investigating, once know, pic of day.

- plan B: now that Gino cannot give us a reasonable estimate for having fila10G fixed properly, we need to fix it ourselves. Use cornerturned data from Fila, fan them out in Mark5s. Lots of needed software is there, need changes in runjob, control code. Need to talk to eBob. Next week meeting.