

32Gbps EVN videocon, 5-11-2019, 13.30

present; Mark, Harro, Arpad, Jun, Uwe, Walter, Javier, Rongbing

Agenda:

Status of telescopes/DBBC3s

Status of firmware (email from Sven)

8 Gbps test with DBBC2 and wastro mode?

Possible dates/telescopes

aob

Arpad: Sven has sent email, 16 BBC firmware version exists, but uses so much power it can only run on Yebes DBBC3. Trying to reduce power requirements.

Javier: receiver of VGOS telescope is being upgraded, should be operational again on November 14.

Discussion about DBBC2 test. Uwe: Ef will be available on Friday 8, from 10 to 12 UT. Other telescopes as well, On not sure (but confirmed after videocon). Yebes and Tianma only have 800MHz, but few channels without signal do not matter. Decision to go with test, simpler setup than DBBC3. Set up ftp fringe tests, once good fringes no need to go on. Dr. Bob will make schedule.

Some discussion about testing EHT mode. Slow correlation, although subintegrations should improve things somewhat. As we do not intend to use this operationally there seems to be not much to be gained, observations, recording, correlation have all been shown to work in EHT. Also, no FS support, EHT did not use FS at all. Will discuss this in telecon in two weeks time.