

2017 Status Report of NSRT (Ur)

- Backend: DBBC2 was set up in late 2016, DBBC2+MK5B in good condition, ready for all kinds of VLBI obs.
- Field System: upgraded to version FS-9.11.8, and Mark5B/B+ software up to SDK9.4.0
- Receiver: A new Q-band Rx installed at the telescope, with a down converter under development. Expected that the Q-band receiver will be available for test observations in the second half of 2018.
- Antenna: Upgrading of Steward Adjustment Platform of the sub-reflector was finished last month, making preparations for high-frequency obs.
- VLBI Obs. Time: \sim 1000h in 2017, including EVN, IVS, CVN, EAVN ...
 - 3 normal EVN sessions and additional out of session observations
 - \sim 20 IVS epochs, 6 AOV epochs
 - CVN observations with highest priority
 - 3 epochs EAVN commissioning @ K-band in 2017, total of 21 hrs