

Network Monitoring Report: **K-band** N20K1

Source: J0205+3212, J0238+1636 and 0234+285 **Length:** 180 min. **Observing mode:** Mk V, mode 1024-16-2, dual pol.
Reference antenna: Ef **Date of observations:** 02/03/2020 **Reference date:** 02/03/2020; 62d 10h 00m
Experiment code: N20K1 **Date of report:** 21/04/2020 **by:** Dhanya G. Nair

- ⊗ According to expectation, no special remarks ☐ Station did not observe (not scheduled)
 ■ Problem occurred - see enclosed footnote(s) ○ Entry not applicable/investigated

	Jb	Ef	O6	T6	Ur	Tr	Ys	Hh	Sv	Zc	Bd	Sr	Mh	Kt	Ky	Ku
Station has observed	⊗	⊗	⊗	⊗	☐	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (disk)	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	■	■
Antabs on vlbeer (within 7 days)	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	■	■	■	⊗	⊗	■	■	■
Feedback on www (within 7 days)	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
GPS clock estimate gives fringes	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Clock rate in psec/sec	0.21	0.21	-0.49	0.76	-	0.15	-0.13	-0.11	-0.32	-0.16	-0.11	0.07	0.002	-0.56	-0.34	-1.13
Recording okay	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	■	■
Strong signal amplitude	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Sampler statistics okay	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Please check BBC number(s):																
Previous reported problem(s) corrected																
Problem(s) first reported																
See enclosed footnote(s):				a	b		c		d	d	d		e	f	f	f

Enclosure: Footnotes K-band N20K1

Footnotes to the Network Monitoring Report: **K-band** N20K1

General:

- a) **T6, TIANMA65:** Joined from scan 06 due to recording issues.
- b) **Ur, URUMQI:** Could not participate due to COVID-19 restrictions.
- c) **Ys, YEBES:** Participated in scans 10,12 and 14. Telescope parked during other scans due to strong winds.
- d) **Sv (Svetloe), Zc(Zelenchukskaya), Bd(Badary):** No antab file on vlbeer.
- e) **Mh, METASAHОВI:** Fringes for IF#(7-16) are weak.
- f) **KVN (Kt, Ky and Ku):** No log files and antab files on vlbeer. Swapped polarizations found during the NME, is fixed during correlation. 1 Hz LO offset found and fixed by scan 14 during the NME. Due to recording issues, Kt skipped scans #02,14, Ky skipped scans #02,12, and Ku skipped scans #02,04,06,16.