

Network Monitoring Report: **K-band** N20K3

Source: J1751+0939, J1849+6705, J2139+1423, J2139+1423 and J2148+0657

Length: 180 min.

Observing mode: Mk V, mode 2048-16-32, dual pol.

Reference antenna: Ef

Date of observations: 22/10/2020

Reference date: 22/10/2020; 296d 12h 00m

Experiment code: N20K3

Date of report: 27/11/20

by: Dhanya G. Nair

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

	Jb	Ef	Mc	O6	T6	Ur	Tr	Ys	Hh	Sv	Zc	Bd	Sr	Mh	Kt	Ky	Ku	Da
	Pi	Cm	Kn															
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	0.22	0.24	0.05	-0.52	0.82	-0.26	0	-0.09	0.05	0.79	-0.24	0.60	0.11	0.03	-0.55	-0.33	-1.1	0.22
	0.22	0.22	0.22															
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	a								b	c	c	c	
	d	d																

Enclosure: Footnotes K-band N20K3

Footnotes to the Network Monitoring Report: **K-band** N20K3

General:

a) **T6 & Ur (TIANMA65 and URUMQI):** Did not participate due to a national task.

b) **Mh, METASAHOVI:** Recording issues for scans 01 and 03.

c) **KVN (Kt,Ky and Ku):** Fringes are found on baselines to other stations in post-processing. In ftp fringe test, fringes were found only among KVN stations themselves.

d) **Cm & Kn (Cambridge and Knockin) :** Fibre link issues, hence no usable data.