

Network Monitoring Report: **K-band** N21K3

Source: J1751+0939, 3C345, J2015+3710, J2123+0535 and J2148+0657

Length: 180 min.

Observing mode: Mk V, mode 2048-8-64, dual pol

Reference antenna: Effelsberg

Date of observations: 08/11/2021

Reference date: 08/11/2021; 312d 11h 30m

Experiment code: N21K3

Date of report: 18/01/2022

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

	Jb2	Ef	Mc	Nt	O6	Ur	Mh	Tr	Ys	Hh	Sv	Zc	Bd	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	0.06	0.3	0.04	0.013	-0.56	-0.76	-0.01	-	1.48	0.08	-0.64	-0.34	0	0	0	-1.90	
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								

Enclosure: Footnotes K-band N21K3

Footnotes to the Network Monitoring Report: **K-band** N21K3

General:

- a) **Jb2, JODRELL BANK:** Power supply failed on K-band receiver resulted in no fringes. It was fixed at the station site after the FTP fringe test. Joined later in the session.
- b) **Nt, NOTO:** Noto started recording late due to a problem with flexbuffer.
- c) **Tr, TORUN:** Did not participate due to receiver failure.
- d) **Ys, YEBES:** There was a failure in the noise diode when the experiment was running.