

Network Monitoring Report: K-band N12K3

Source: 4C39.25 and 3C273 **Length:** 180 min. **Observing mode:** Mk IV, mode 512-8-2, RCP & LCP.
Reference antenna: Effelsberg **Date of observations:** 06/06/12 **Reference date:** 06/06/12; 158d 12h 30m
Experiment code: N12K3 **Date of report:** 10/09/12 **by:** Jun Yang

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

	Jb	Ef	Zc	Mc	Nt	On	Sh	Sv	Ur	Wb	Od	Hh	Mh	Ys	Wz
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	■	⊗	⊗	■	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗
Station produced fringes (disk)	■	⊗	⊗	■	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗
Filled in TRACK	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	○	⊗	⊗	⊗	⊗	⊗
GPS data available (within 7 days)	⊗	⊗	○	⊗	⊗	⊗	⊗	○	⊗	○	⊗	⊗	⊗	⊗	⊗
Disks are available (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Feedback on www (within 7 days)	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
GPS clock estimate gives fringes	■	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗
Clock offset in μ sec	-0.274	-6.093	213.927		-2.850	-6.742		214.679	0.363			1.361	-2.088	0.256	
Clock rate in psec/sec	-0.11	-0.394	○		-0.317	0.581		○	-0.104			0.055	-0.022	1.450	
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Strong signal amplitude	■	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗
Phase cal aligns phases	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Please check VC number(s):															
Previous reported problem(s) corrected															
Problem(s) first reported															
See enclosed footnote(s):															
	a				b							c			d

Enclosure: Footnotes K-band N12K3

Footnotes to the Network Monitoring Report: K-band N12K3

General: The sources 4C 39.25 and 3C273 are bright fringes finder with a total flux density >5 Jy at 22 GHz. Note that the other K-band NME experiment N12K2, aiming to run a test for Robledo, was cancelled.

- a) **Jb, Jodrell Bank:** No fringes because of a problem with receiver.
- b) **Nt, Noto:** No fringes due to 1 MHz LO offset. The problem was found just before the end of NME experiment and the follow-up user experiments were not affected.
- d) **Hh, Hartebeesthoek** Fringes to Hh were not as strong as other stations as it has a room-temperature receiver and there might be some reduce caused by tiny pointing offset.
- e) **Mh, Metsähovi:** No fringes as its receiver was broken.

Questions? yang@jive.nl

Report ends