

Network Monitoring Report: K-band N14K1

Source: DA193, J2040+4527, J2039+4159, J0605+4030 **Length:** 180 min. **Observing mode:** Mk IV, mode 1024-8-16, dual pol.
Reference antenna: Effelsberg **Date of observations:** 11/03/14 **Reference date:** 11/03/14; 70d 14h 00m
Experiment code: N14K1 **Date of report:** 07/05/14 **by:** Ciriaco Goddi

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

	Ef	Jb	On	Mc	Nt	Tr	Sv	Zc	Bd	Ur	Sh	Hh	Ys	Mh	Sr	Ky	Ku	Kt	Td	Md	Yd
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	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
GPS clock offset in μ sec	-21.462	-11.574	94.939	5.6	-5.216	-37.475	214.955	214.255	214.255	5.938	11.05	9.789	2.927	-0.068	1.479	-22.800	-0.40	-0.70	-27.475	7.6	4.927
Clock rate in psec/sec	-0.185	-0.193	0.442	0.056	-0.292	-17.7	0.00	0.00	0.00	0.014	0.7	0.564	0.264	0.007	0.00	0.00	0.00	0.00	-17.7	0.056	0.026
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Please check VC number(s):						7,8				5,7,8											Several
Previous reported problem(s) corrected																					
Problem(s) first reported																					
See enclosed footnote(s):																					
Enclosure: Footnotes K-band N14K1					a	b	c		d			e	f	g						h	

Footnotes to the Network Monitoring Report: K-band N14K1

General: Td is Tr with DBBC, Yd is Ys with DBBC, Md is Mc with DBBC.

- Nt, Noto:** No RCP. Fringes in LCP.
- Tr, Torun:** Weak/no fringes in subbands 6 and 7 (IF7 and 8 in pipeline plots). Some minor problems with antenna control around 15:50 and 16:26 (resulting in lack of fringes in the third ftp-scan).
- Sv, Svetloe:** Fringes in the first two ftp scans in RCP, but no fringes obtained in the third ftp scan. No fringe solutions from the pipeline across the whole experiment in RCP. LCP is OK.
- Bd, Badary:** No diskpack received from the station.

- e) **Hh, Hartebeesthoek:** No fringes (except some scans with DA193), no technical problems known, perhaps just poor weather (heavy rain at the station).
- f) **Mh, Metsahovi:** Despite some technical problems (phase lock broken, negative Tsys), useful data and fringes from the pipeline. No fringes were seen in the ftp test.
- g) **Sr, Sardinia:** First fringes in K-band! Congrats Sr!
- h) **Md, Medicina (DBBC):** Fringes in some subbands, but significantly weaker than for Mc, and no fringes for central BBCs.

Questions? goddie@jive.nl

Report ends