

Network Monitoring Report: **K-band** N14K2

Source: 0836+710 **Length:** 180 min. **Observing mode:** Mk IV, mode 1024-8-16, dual pol.
Reference antenna: Effelsberg **Date of observations:** 17/06/14 **Reference date:** 17/06/14; 161d 12h 00m
Experiment code: N14K2 **Date of report:** 19/08/14 **by:** Gabriele Surcis

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

	Ef	Jb	On	Nt	Tr	Ys	Mh	Sv	Zc	Bd	Sh	Sr	Ky	Ku	Kt	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	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Clock offset in μ sec	-21.823	-8.214	+99.814	+0.885	+47.073	+1.103	+0.794	+216.276	+214.362	+213.399	+17.073	+4.532	-9.127	-4.147	-1.000	+2.999
Clock rate in psec/sec	-0.150	-0.220	-0.418	-0.048	-17.800	+0.400	-0.037	0.000	0.000	0.000	+0.785	0.000	-1.283	-0.774	0.000	0.400
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
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	e		f	

Enclosure: Footnotes K-band N14K2

Footnotes to the Network Monitoring Report: **K-band** N14K2

General: Yd is Ys with DBBC. The source observed during the NME has very low flux density. Therefore, most of the stations show fringes with weak signal amplitudes. The consequent results has to be due to this aspect.

a) Ef, Effelsberg: Used the new K-band receiver between 13:18 UT and 13:38 UT, i.e. during the second ftp-fringe test. The data from the new K-band receiver had swapped polarization, which was corrected during the production of the FITS files.

b) Jb, Jodrell Bank: The absence of fringes during the ftp-fringe test is perhaps due to the source.

c) Zc, Zelenchukskaya: The absence of fringes during the ftp-fringe test is due to the source.

d) Sr, Sardinia: Very weak fringes during the ftp-fringe test. In the pipeline results (VLOT.CAL) the baseline Ef-Sr has an amplitude close to

zero.

e) **Ky, KVN Yonsei:** The absence of fringes during the ftp-fringe test is due to the source.

f) **Kt, KVN Tamna:** No data received.

Questions? surcis@jive.nl

Report ends