

Network Monitoring Report: **X-band** N06X2

Source: 3C454.3, 3C345, NRAO512 **Length:** 233 min. **Observing mode:** Mk IV, mode 256-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 27/11/06 **Reference date:** 27/11/06; 331d 13h 00m
Experiment code: N06X2 **Date of report:** 18/12/06 **by:** Hayley Bignall

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

	EVN stations															Affiliated	
	Cm	Ef	Jb	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Yb	Wz	Ro	Sm
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		-5.001		-92.986	-7.489	34.100				1047.086							
Clock rate in psec/sec		1.8		1.05	-0.69	-1.13				0.176							
Recording okay		⊗		⊗	⊗	⊗				⊗							
Polarization setup okay		⊗		⊗	■	⊗				⊗							
Strong signal amplitude		⊗		■	⊗	⊗				⊗							
Phase cal aligns phases		○		○	○	○				○							
Please check VC number(s):																	
Previous reported problem(s) corrected		○		○	○	○				○							
Problem(s) first reported																	
See enclosed footnote(s):				a	b												

Enclosure: Footnotes X-band N06X2

Footnotes to the Network Monitoring Report: **X-band** N06X2

a) Mc, Medicina: Fringes detected but phases very unstable with time - large phase scatter on sub-second timescales. This is probably a problem with the X-band receiver (C-band did not have this problem).

b) Nt, Noto: Swapped polarizations (has RCP only, recorded in LCP channels). This was due to an error in the SCHED catalogue.

Questions? bignall@jive.nl

Report ends