

Network Monitoring Report: SX-band N10SX1

Source: 3C454.3, J1800+3848, J0222+4302, et al. **Length:** 180 min. **Observing mode:** Mk IV, mode 512-16-2, RCP.
Reference antenna: Effelsberg **Date of observations:** 23/03/10 **Reference date:** 23/03/10; 82d 9h 00m
Experiment code: N10SX1 **Date of report:** 25/06/10 **by:** Jun Yang

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

	Bd	Ef	Zc	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Ys	Wz	Ro	
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	-2.167	-20.145	-7.004	-91.942	-2.895	-35.048								-2.436			
Clock rate in psec/sec	○	0.654	○	6.120	-0.533	0.122								-0.533			
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

Enclosure: Footnotes SX-band N10SX1

Footnotes to the Network Monitoring Report: SX-band N10SX1

General: It is first time for the 32m radio telescopes Bd and Zc to participate in the EVN ftp and NME experiment at S/X band. Bd used Mark 5B; Zc used Mark 5A. The two new members performed very well. Furthermore, Sh and Wb participated in the ftp fringe tests during the observations. Wb tested its S-band TADUmax frequency setup for the first time and the ftp fringes to Wb were seen. Sh tested its Mark 5B recorder and no ftp fringes to Sh were found.

- a) **Ef, Effelsberg:** The first scan was probably not on source.
- b) **Zc, Zellenchukskaya:** Strong RFI was seen in some subbands.

Questions? yang@jive.nl

Report ends