

# Network Monitoring Report: X-band N10X1

**Source:** 3C454.3, J2253+1942, J2249+2107    **Length:** 210 min.    **Observing mode:** Mk IV, mode 512-8-2, RCP & LCP.  
**Reference antenna:** Effelsberg    **Date of observations:** 22/03/10    **Reference date:** 22/03/10; 81d 9h 00m  
**Experiment code:** N10X1    **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 $\mu$ sec	-20.200		-92.450		-2.857					62.141				-2.353		
Clock rate in psec/sec	0.654		6.120		-0.33					0.185				-0.540		
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):																
				<b>a</b>												<b>b</b>

**Enclosure:** Footnotes X-band N10X1

# Footnotes to the Network Monitoring Report: X-band N10X1

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**General:** In the last scan, we used 1 Gbps recording data rate (1024-16-2) to test more BBCs and successfully observed ftp fringes to all the participated stations.

- a) **Mc, Medicina:** Problems with BBC 5 and 6 were identified by the ftp tests and solved before the end of the experiment.
- b) **Nt, Noto:** Only RCP polarisation.

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*Questions? [yang@jive.nl](mailto:yang@jive.nl)*

Report ends