

Network Monitoring Report: 5cm C-band N09M1

Source: 0234+285, 0528+134, DA193, J2210+2013, J2212+2355, 3C454.3 **Length:** 300 min. **Observing mode:** Mk IV, mode 256-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 10/03/09 **Reference date:** 10/03/09; 69d 11h 00m
Experiment code: N09M1 **Date of report:** 23/04/09 **by:** Jun Yang

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

	Cm	Ef	Jb	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Yb	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	951.311	-30.957	0.351	-78.143	-4.123	-31.173	10.372	47.354						-1.074		
Clock rate in psec/sec	0.062	0.111	0.062	1.320	1.260	-0.183	0.397	0.190						0.126		
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗				⊗		
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗				⊗		
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗				⊗		
Phase cal aligns phases	○	○	○	○	○	○	○	○	○	○				○		
Sampler statistics okay	⊗	⊗	⊗	⊗	■	■	■	■	■	■				⊗		
Please check VC number(s):					1		3,8									
Previous reported problem(s) corrected	⊗	⊗	⊗	⊗	■	■	■	■	■	■				⊗		
Problem(s) first reported																
See enclosed footnote(s):					a											b

Enclosure: Footnotes 5cm C-band N09M1

Footnotes to the Network Monitoring Report: 5cm C-band N09M1

General: It was first time that we got fringes to the new Yeves 40m radio telescope at 5 cm. Furthermore, Knockin also participated the observations by sharing an MK5A with Cambridge. The fringes to Knockin were detected after fixing the setup. Westerbork used single dish instead of phased array mode.

a) **Nt, Noto:** Sample statistics has the lower value $\sim 1\%$ in BBC01 USB.

b) **Tr, Torun:** Sample statistics has the higher value $\sim 50\%$ in BBC03 LSB and BBC08 USB.

Questions? yang@jive.nl

Report ends