Network Monitoring Report: **K-band** N09K1

Source: 0202+319, 3C84, NRAO150, 0528+134, 0536+145, 4C39.25, 3C454.3   **Length:** 300 min.   **Observing mode:** Mk IV, mode 256-4-2, dual pol.
Reference antenna: Effelsberg   **Date of observations:** 03/03/09   **Reference date:** 03/03/09; 062d 12h 00m
Experiment code: N09K1   **Date of report:** 29/04/09   **by:** Stefanie Muehle

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

	Cm	Ef	Jb	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		⊗	⊗	⊗	⊗	⊗	⊗						⊗	⊗		
GPS data available		⊗	⊗	⊗	⊗	⊗	⊗						⊗	⊗		
Disks are available		⊗	⊗	⊗	⊗	⊗	⊗						⊗	⊗		
Feedback on www (within 7 days)		⊗	■	⊗	⊗	⊗	⊗						⊗	⊗		
GPS clock estimate gives fringes		⊗	⊗	⊗	⊗	⊗	⊗						⊗	⊗		
Clock offset in μsec		−31.021	0.266	−78.953	−4.518	−34.102	26.050						−2.074	−1.121		
Clock rate in psec/sec		0.100	0.060	1.49	1.30	−0.192	0.761						0.004	0.11		
Recording okay		⊗	⊗	⊗	⊗	⊗	⊗						⊗	⊗		
Polarization setup okay		⊗	⊗	⊗	■	⊗	⊗						⊗	⊗		
Strong signal amplitude		⊗	⊗	⊗	⊗	⊗	⊗						⊗	⊗		
Phase cal aligns phases		⊗	⊗	⊗	⊗	⊗	⊗						⊗	⊗		
Sampler statistics okay		⊗	⊗	■	⊗	⊗	⊗						■	⊗		
Please check VC number(s):				4	RCP								1,2			
Previous reported problem(s) corrected			⊗													
Problem(s) first reported																
See enclosed footnote(s):				**a**	**b**								**c**			

Enclosure: Footnotes K-band N09K1

Footnotes to the Network Monitoring Report: **K-band** N09K1

General:

a) Mc, Medicina: fraction of high bits a bit too high in BBC04 (1.4 times the optimum value); wobbly, but apparently stable bandpasses in both RCP channels (BBC02 and BBC04)

b) Nt, Noto: LCP only

c) Mh, Metsähovi: fraction of high bits low in BBC01 (0.7 times the optimum value) and BBC02 (0.6 times the optimum value)