

Network Monitoring Report: **P-band** N11P1

Source: 3C84, B0329+54, 3C120,B0531+21, 3C84 **Length:** 180 min. **Observing mode:** Mk IV, mode 256-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 3/06/11 **Reference date:** 3/06/11; 154d 12h 00m
Experiment code: N11P1 **Date of report:** 12/08/11 **by:** Mehreen Mahmud

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

	EVN stations											
	Ef	Jb	Mc	On	Tr	Wb	Zc	Bd	Sv	Hh	Ur	Sh
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 μsec	0.42	-0.416				69.841						
Clock rate in psec/sec	-1.26	-0.0255				0.196						
Recording okay	⊗	■				⊗						
Polarization setup okay	■	■				■						
Strong signal amplitude	■	■				■						
Phase cal aligns phases												
Sampler statistics okay	⊗	■				⊗						
Please check VC number(s):		all										
Previous reported problem(s) corrected												
Problem(s) first reported												
See enclosed footnote(s):	a	b										

Enclosure: Footnotes P-band N11P1

Footnotes to the Network Monitoring Report: **P-band** N11P1

General:

There were only three stations in this NME; Ef, Jb and Wb. This was the first time for Westerbork to do 92cm using the MFFE receivers and the TADUmax. Furthermore, it was also the first time Ef used their new 92cm receiver and also DBBCs, with successful fringes to Wb. There were no fringes to Jb (reason not yet clear). Furthermore, one of the stations (either Ef or Wb had swapped pols, but it is not clear which station, since there was only one baseline Ef-Wb in this experiment).

a) **Ef, Effelsberg:** Strong narrow RFI at 336 MHz (BBCs 3 and 7), weaker ones every few MHz

b) **Jb, Jodrell Bank:** No fringes (fringes were expected in BBCs 3-6) During the fringe test, it was suggested that there was a possibility a power supply unit in the focus had failed, which was replaced. But no fringes were detected in the last scan of the NME either. Very high RFI in BBCs 3 and 4.