

# Network Monitoring Report: UHF-band # 06/V

**Source:** 3C84                      **Length:** 833 min.                      **Observing mode:** Mk IV, mode 32-4-2, dual pol.  
**Reference antenna:** Effelsberg   **Date of observations:** 02/06/06   **Reference date:** 02/06/06; 153d 02h 30m  
**Experiment code:** EV015           **Date of report:** 28/06/06   **by:** Hayley Bignall

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

	EVN stations															Affiliated	
	Cm	Ef	Jb	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Yb	Wz	Ro	Sm
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		7.625			-7.111	57.053		5.046		1045.140							
Clock rate in psec/sec		0.162			-2.28	-1.31		-0.233		0.185							
Recording okay		⊗			⊗	⊗		⊗	○	⊗							
Polarization setup okay		⊗			⊗	⊗		■	○	⊗							
Strong signal amplitude		⊗			■	⊗		⊗	○	⊗							
Phase cal aligns phases		○			○	○		○	○	○							
Please check VC number(s):																	
Previous reported problem(s) corrected		○			○	○		○	○	○							
Problem(s) first reported																	
See enclosed footnote(s):					<b>a</b>	<b>b</b>		<b>c</b>	<b>d</b>	<b>e</b>							

**Enclosure:** Footnotes UHF-band # 06/V

## Footnotes to the Network Monitoring Report: **UHF-band** # 06/V

---

**General:** Strong fringes were not detected on sources observed in N06U1. RFI was very severe in the band observed in N06U1 (around 805 MHz). Therefore fringe-finder scans from the following day's user experiment EV015 have been used for this NME report.

a) **Nt, Noto:** LCP only. Very weak fringes. Extremely strong RFI at 844.745 MHz, visible in cross- as well as auto-correlation spectra. Smaller RFI features through the band, notably a spike near 844.00 MHz

b) **On, Onsala:** Some RFI in autocorrelations at 844.12, 843.275, 844.75, 844.78 MHz

c) **Tr, Torun:** Swapped polarizations

d) **Ur, Urumqi:** Could not participate in the UHF session due to Lunar VLBI observations

e) **Wb, Westerbork:** RFI in autocorrelations at 843.74 MHz