

Network Monitoring Report: **M-band** N11M2

Source: 3C84, DA193, 4C39.25, J0926+4029, J0541-0541, OMC-1S

Length: 180 min.

Observing mode: Mk IV, mode 512-8-2, dual pol.

Reference antenna: Effelsberg

Date of observations: 26/05/11

Reference date: 26/05/11; 146d 12h 00m

Experiment code: N11M2

Date of report: 09/11/11

by: Mehreen Mahmud

⊗ According to expectation, no special remarks

■ Problem occurred - see enclosed footnote(s)

⊠ Station did not observe (not scheduled)

○ Entry not applicable/investigated

	Ef	Mc	On	Sh	Tr	Wb	Hh	Yb
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	-0.021	-57.325	-21.097	74.446	7.858	69.710	7.329	0.696
Clock rate in psec/sec	-1.2	-0.405	0.435	0.767	0.812	0.188	-0.0151	0.312
Recording okay	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗
Polarization setup okay	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Phase cal aligns phases	○	○	○	○	○	○	○	○
Sampler statistics okay	■	■	⊗	⊗	■	⊗	⊗	⊗
Please check VC number(s):	2	5			6			
Previous reported problem(s) corrected								
Problem(s) first reported								
See enclosed footnote(s):	a	b			c			d

Enclosure: Footnotes M-band N11M2

Footnotes to the Network Monitoring Report: **M-band** N11M2

General: Fringes to all stations.

a) Effelsberg, Ef: used DBBC (Mark5B), polarizations swapped during the NME. These were unswapped in the vex file before correlation with the hardware correlator. BBC 02 (LSB/RCP) had slightly higher than optimal fraction of high to low bits 50%

b) Medicina, Mc: Lost some scans due to tracking problems (from station feedback). BBC 05 (USB/LCP) had slightly higher than optimal fraction of high to low bits 48%

c) Torun, Tr: Trouble recording on disk pack in bank A; problem traced to a recent firmware upgrade and fixed in time for the later ftp tests (scan0035 and scan0043); from station feedback. BBC 06 (USB/LCP) had slightly higher than optimal fraction of high to low bits 44%

d) Yebes, Yb: First 2 scans were lost due to the Mark5B. Scan 35 lost synchronization. From scan 36 Mark5B was synced again (from station feedback).