

Network Monitoring Report: M-band N20M1

Source: J0238+1636, 3C84 **Length:** 180 min. **Observing mode:** Mk V, mode (1) 256-16-4, dual pol.; (2) 4096-16-64, dual pol.
Reference antenna: Effelsberg **Date of observations:** 05/03/20 **Reference date:** 05/03/20; 065d 12h 00m
Experiment code: N20M1 **Date of report:** 14/04/20 **by:** Olga Bayandina

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

	Jb	Ef	O8	T6	Ir	Tr	Ys	Hh	Sr	Wb	Cm	Da	De	Kn	Pi
Station has observed	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	■	■	■	■	■	■
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○
Station produced fringes (disk)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○
Antabs on vlbeer (within 7 days)	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	■	■	■	■	○
Feedback on www (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○
GPS clock estimate gives fringes	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○
Clock rate in psec/sec	0.21	0.19	-0.5	0.82	0.70	0.0	-0.1	0.06	0.0	-0.2	0.21	0.21	0.21	0.21	0.21
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○
Polarization setup okay	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	○
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○
Please check BBC number(s):															
Previous reported problem(s) corrected															
Problem(s) first reported															
See enclosed footnote(s):	a	b		c					d	e	f	f	f	f	g

Enclosure: Footnotes M-band N20M1

Footnotes to the Network Monitoring Report: M-band N20M1

General:

- a) **Jb, Jodrell Bank:** There is no access to antab files from the telescope currently, all hardware at JBO has been shut down as part of the University of Manchester's response to the COVID-19 pandemic. ANTAB files with nominal values are used.
- b) **Ef, Effelsberg:** Sent linear polarization data. Fixed during post-processing.
- c) **Ir, Irbene:** Joined from scan #8.
- d) **Sr, Sardinia:** Problem with LL data in IF #7. Antab files from the telescope are unavailable for M-band experiments of the session due to a problem with the script that generates them. A nominal file is used.
- e) **Wb, Westerbork:** Did not participate in 4 Gbps test (scans #15-18).
- f) **Cm, Cambridge; Da, Darnhall; De, Defford; Kn, Knockin:** Did not participate in 4 Gbps test (scans #15-18). For e-MERLIN stations ANTAB files with nominal values are used.
- g) **Pi, Pickmere:** The station is out for the entire EVN session; stopped for a cooled C band PAF testing.

Questions? bayandina@jive.eu

Report ends