

Network Monitoring Report: L-band N25L1

Source: J0237+2848

Length: 180 min.

Observing mode: Mk V, mode 1024-4-2, dual pol.

Reference antenna: Jodrell Bank Lovell

Date of observations: 20/02/25

Reference date: 20/02/25; 51d 12h 00m

Experiment code: N25L1

Date of report: 27/03/25

27/03/25 by: Benito Marcote

Station	did not observe (not scheduled)	...	did not observe (not scheduled)
⊗	According to expectation, no special remarks	...	Station did not observe (not scheduled)

1. 1000
 2. 1000
 3. 1000
 4. 1000

⊗ According to expectation, no special remarks

Problem occurred - see enclosed footnote(s) ☐ Entry not applicable/investigated ☐

C

Problem occurred - see enclosed footnote(s)

	Jb1	Wb	Ef	Nt	O8	T6	Ur	Tr	Hh	Ir	Cm	Da	Kn	Pi	De	Me
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	0.155	0.133	0.452	0.0589	–	0.758	–	0.065	–0.0198	–	0.155	–	0.155	0.155	0.155	0.0916
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		g	

Enclosure: Footnotes L-band N25L1

Footnotes to the Network Monitoring Report: L-band N25L1

General:

- a) **Ef, Effelsberg:** Joined at 13:00 UT due to antenna control issues. Fringes only found after 14:33 UTC due to large pointing errors ($\sim 1\,000$ arcsec).
- b) **Nt, Noto:** Stopped at 14:47 UTC due to a failure of one of the elevation drives.
- c) **O8, Onsala:** Could not observe due to strong winds.
- d) **Ur, Urumqi:** Could not observe due to CE tasks.
- e) **Da, Darnhall:** VDIF data stream lost from WIDAR. Reconfigured and fixed right after the NME.
- f) **Kn, Knockin:** Joined at 14:23 UTC as the L-band receiver was being refitted.
- g) **Me, MeerKAT:** Joined for the full NME for the first time within an EVN observation, as phased up of the 64 dishes. Good fringes, high sensitivity, and great stability of the phases and amplitudes.

Questions? marcote@jive.eu

Report ends