

Network Monitoring Report: L-band N25L2

Source: J0854+2006 and J1159+2914

Length: 180 min.

Observing mode: Mk V, mode 512-16-2 dual pol.

Reference antenna: Effelsberg

Date of observations: 08/06/25

Reference date: 08/06/25; 159d 12h 00m

Experiment code: N25L2

Date of report: 10/10/25

by: Benito Marcote

⊗ According to expectation, no special remarks

Station did not observe (not scheduled)

Problem occurred - see enclosed footnote(s)

○ Entry not applicable/investigated

	Jb	Wb	Ef	Mc	O8	Tr	Hh	Ir	Ur	T6	Cm	De	Da	Kn	Pi	Me	Gm
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	0.255	0.1	0.47	—	−0.69	0.065	−0.0539	—	—	0.75	—	—	—	0.255	—	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	ef	f			g	h

Enclosure: Footnotes L-band N25L2

Footnotes to the Network Monitoring Report: L-band N25L2

General:

- a) **Mc, Medicina:** Antenna out due to on-going maintenance. They joined the NME and kept regular operations.
- b) **Tr, Torun:** No fringes in firsts scans. Solved after restarting DBBC2/Fila10g.
- c) **Ir, Irbene:** Antenna had to be replaced by Irbene 16, which does not have L band.
- d) **Ur, Urumqi:** Did not join the observations with lack of feedback.
- e) **Cm/De, Cambridge/Defford:** No fringes were expected due to communication problems with both telescopes before the NME.
- f) **De/Da, Defford/Darnhall:** Sampler statistics show that all the signal was recorded in a single state. However, it was impossible to restart the local DINT to fix it. Similar problem occurred some days before at Darnhall.
- g) **Me, MeerKAT:** Nice fringes to the phased-up MeerKAT.
- h) **Gm, GMRT:** Phased-up of 16 antennas. No fringes obtained so far. Under investigation.

Questions? marcote@jive.eu

Report ends