

# Network Monitoring Report: L-band N18L3

**Source:** J1848+3219 and J2139+1423    **Length:** 420 min.    **Observing mode:** Mk V, mode 512-18-2, dual pol.  
**Reference antenna:** Effelsberg    **Date of observations:** 01/11/2018    **Reference date:** 01/11/2018; 305d 11h 00m  
**Experiment code:** N18L3    **Date of report:** 04/02/2019    **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	T6	Ur	Tr	Hh	Sv	Zc	Bd	Sr
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (disk)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Feedback on www (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
GPS clock estimate gives fringes	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Clock rate in psec/sec	23.7	-0.00019	0.15	0.11	-0.43	0.76	-1.9	0	0.19	-0.75	-0.12	-0.22	0
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						

**Enclosure:** Footnotes L-band N18L3

# Footnotes to the Network Monitoring Report: L-band N18L3

---

**General:**

N18L3 included a first test of the v107beta version of the firmware at Onsala station.

- a) **Jb, Jodrell Bank:** Using Rubidium clock due to H maser issues.
- b) **O8, Onsala:** Data recorded using both v105 and v107beta firmware versions.
- c) **T6, Tianma:** High leakage between cross and direct polarizations. Issue already reported in previous NMEs and still to be solved. ANTAB/Tsys information was not provided despite requests have been done.
- d) **Ur, Urumqi:** Observed with linear polarizations.

---

*Questions? [marcote@jive.eu](mailto:marcote@jive.eu)*

Report ends