

# Network Monitoring Report: L-band N19L1

**Source:** J0927+3902 and J0126+2559  
**Reference antenna:** Effelsberg  
**Experiment code:** N19L1

**Length:** 180 min.  
**Date of observations:** 23/05/19  
**Date of report:** 28/08/2019  
**Observing mode:** Mk V, mode 512-18-2, dual pol.  
**Reference date:** 23/05/19; 143d 12h 00m  
**by:** Benito Marcote

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

	Jb	Wb	Ef	Mc	O8	T6	Ur	Tr	Hh	Sv	Zc	Bd	Ir	Sr	Ar
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	-0.32	-0.16	0.23	-0.08	-0.46	0.79	1.56	0	0.016	-0.79	-0.12	-0.22	1.46	0	-0.0026
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	h	i

**Enclosure:** Footnotes L-band N19L1

# Footnotes to the Network Monitoring Report: L-band N19L1

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## General:

- a) **Jb2, Jodrell Bank Mrk2:** Issues with the L-band noise diode produced wrong Tsys information.
- b) **Mc, Medicina:** Unexpected behavior of the continuous calibration switch.
- c) **T6, Tianma:** Observed linear polarization. Fixed during post-processing. No ANTAB on vlbeer.
- d) **Ur, Urumqi:** High leakage between polarizations. No ANTAB on vlbeer.
- e) **Tr, Torun:** Also produced vdf data (station named Tv). Both backends produced consistent results without significant differences.
- f) **Bd, Badary:** Lost scan01 due to electric power problems.
- g) **Ir, Irbene:** LO issues in scan01 and 02.
- h) **Sr, Sardinia:** Had swapped polarizations until scan08. Fixed during NME.
- i) **Ar, Arecibo:** Had issues extracting the 2-s ftp data during the NME. No issues in the delivered data. No ANTAB on vlbeer.afterwards.

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

Report ends