

# Network Monitoring Report: **L-band** N13L3

**Sources:** 2201+315, J2157+3127    **Length:** 120 min.    **Observing mode:** Mk IV, mode 512-8-2, dual pol.  
**Reference antenna:** Effelsberg    **Date of observations:** 27/10/13    **Reference date:** 27/10/13; 300d 13h 00m  
**Experiment code:** N13L3    **Date of report:** 20/01/14    **by:** Iván Agudo

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

	Ef	Wb	Jb	On	Mc	Nt	Tr	Sv	Zc	Bd	Ur	Sh	Hh	Md	Td
Station has observed	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	■
Station produced fringes (disk)	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	■
Logs are available (within 72 hours)	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
GPS data available (within 7 days)	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Disks are available (within 7 days)	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Feedback on www (within 7 days)	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
GPS clock estimate gives fringes	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Clock offset in $\mu\text{sec}$	-19.377	83.770		93.851	-6.730	-0.688	0.295	214.652	214.027	214.062	$1s + 5.458$	1.134	4.411	-6.730	0.295
Clock rate in psec/sec	-0.252	-0.183		0.442	-0.133	-0.691	-0.421	0	0	0	0.0447	-0.495	1.861	-0.133	-0.421
Recording okay	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗
Polarization setup okay	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○
Strong signal amplitude	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○
Phase cal aligns phases	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○
Sampler statistics okay	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○
Please check VC number(s):															
Previous problem corrected	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Problem(s) first reported															
See enclosed footnote(s):			a											b	c

**Enclosure:** Footnotes L-band N13L3

## Footnotes to the Network Monitoring Report: **L-band** N13L3

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a) **Jb, Jodrell Bank:** Jb was expected to participate, but no data from this station arrived.

b) **Md, Medicina DBBC:** No fringes with the reference station were found.

c) **Td, Torun DBBC:** No fringes with the reference station were found. Td showed good correlation results in previous F13C5 and N13C3 sessions. The vex files for correlation of these sessions and N13L3 were compared for Td, but no difference on the correlation setup was found.

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*Questions? [agudo@jive.nl](mailto:agudo@jive.nl)*

Report ends