

# Network Monitoring Report: 21cm L-band N11L2

**Source:** 0528+134, J0616-0306, J0613-0200    **Length:** 180 min.    **Observing mode:** Mk IV, mode 512-8-2, RCP & LCP.  
**Reference antenna:** Effelsberg    **Date of observations:** 7/6/11    **Reference date:** 7/6/11; 158d 12h 00m  
**Experiment code:** N11L2    **Date of report:** 08/08/11    **by:** Jun Yang

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

	Bd	Ef	Zc	Mc	Nt	On	Sh	Sv	Ur	Wb	Tr	Hh	Jb	Ys	Wz	Ro
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (disk)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Filled in TRACK	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
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 $\mu$ sec	-0.024			-57.796		-19.474				69.898	8.592					-0.262
Clock rate in psec/sec	-1.29			-0.61		0.437				0.184	0.722					-0.038
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Phase cal aligns phases	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Please check VC number(s):																
Previous reported problem(s) corrected																
Problem(s) first reported																
See enclosed footnote(s):	<b>a</b>			<b>b</b>							<b>c</b>					<b>d</b>

**Enclosure:** Footnotes 21cm L-band N11L2

# Footnotes to the Network Monitoring Report: 21cm L-band N11L2

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## General:

- a) **Ef, Effelsberg:** Started to use DBBC backend since Session 2/2011. No fringes in the first ftp scan as a synthesizer was not properly set. After the problem was fixed, the fringes were found.
- b) **Mc, Medicina:** Upper two subbands outside of its observing frequency range (1350-1450 MHz).
- c) **Tr, Torun:** No observations for around half hour due to a power down caused by a thunderstorm.
- d) **Jb: Jodrell 1:** As reported from the EVN status table, no/weak fringes in upper four subbands due to the cutoff (1370-1430 MHz) of its 21cm IF filter. No fringes in the first half hour due to a LO error. The problem was fixed during the experiment.

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*Questions? yang@jive.nl*

Report ends