

# Network Monitoring Report: X-band N11X2

**Source:** 3C454.3      **Length:** 180 min.      **Observing mode:** Mk IV, mode 512-16-2, RCP & LCP.  
**Reference antenna:** Effelsberg      **Date of observations:** 07/11/11      **Reference date:** 07/11/11; 311d 15h 30m  
**Experiment code:** N11X2      **Date of report:** 05/01/12      **by:** Jun Yang

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

	Bd	Ef	Zc	Mc	Nt	On	Sh	Sv	Ur	Wb	Od	Hh	Mh	Ys
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	-3.345	-26.271	-3.468	-97.445	-18.141	92.185	-2.957	0.411	71.518	-16.265	6.286	0.555	0.555	0.555
Clock rate in psec/sec	○	-2.49	○	0.119	0.529	0.750	○	-0.029	0.190	0.529	0.013	0.439	0.439	0.439
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>

**Enclosure:** Footnotes X-band N11X2

# Footnotes to the Network Monitoring Report: X-band N11X2

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**General:**

- a) **Ur, Urumqi:** There was a MK5B+ recording failure during UT 15:35 – 16:20.
- b) **Od, Onsala DBBC backend:** There were some phase jumps on scales of  $\sim 1$  ns during and between scans. For more details, see the pipeline fringe-fitting plots.

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

Report ends