

Network Monitoring Report: X-band N12X3

Source: J1751+0939, J1925+2106, J1931+2243. 3C454.3 **Length:** 180 min. **Observing mode:** Mk IV, mode 512-8-2, RCP & LCP.
Reference antenna: Effelsberg **Date of observations:** 01/11/12 **Reference date:** 01/11/12; 306d 12h 00m
Experiment code: N12X3 **Date of report:** 12/02/13 **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	Od	On	Sh	Sv	Ur	Wb	Nt	Hh	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 μ sec	○	-10.395	213.897	-102.100	76.651	74.651	117.395	214.697	2.196	78.178	-8.960	4.257	-2.517
Clock rate in psec/sec	○	-0.359	○	-1.810	0.478	0.478	0.626	○	0.164	0.179	-0.737	0.426	0.144
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):	a				b		c		d		e		

Enclosure: Footnotes X-band N12X3

Footnotes to the Network Monitoring Report: X-band N12X3

General:

- a) **Bd, Badary:** No observation because of bad weather.
- b) **Od, Onsala DBBC backend:** Fringes were as good as Onsala MK4 backend.
- c) **Sh, Shanghai:** Only RCP lightpath was available dur the observations. A new receiver with dual polarisation at both S and X bands has been installed after Session 3/2012.
- d) **Ur, Urumqi:** There were beautiful fringes to its new receiver, which has now not only RCP but also LCP at both S and X bands.
- e) **Nt, Noto:** There were fringes since 14:20 UT. No fringes in the first 1.3 hour due to some instrumental problems caused by an earlier storm. Fringes to Noto DBBC backend were also seen in the last 10 minute. Note that LCP is not available at Noto.

Questions? yang@jive.nl

Report ends