

Network Monitoring Report: X-band N13X1

Source: 0234+285, 3C84 **Length:** 120 min. **Observing mode:** Mk V, mode 512-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 06/03/13 **Reference date:** 06/03/13; 072d 13h 00m
Experiment code: N13X1 **Date of report:** 14/06/13 **by:** Dmitry Duev

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

	Ef	Wb	On	Nt	Ys	Mc	Ur	Sh	Km	Od	Nd
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	-13.986	80.154	79.726	-1.686	-3.304	-121.580	3.7366	125.272	35.635	81.683	0.025
Clock rate in psec/sec	-0.301	0.178	0.466	-0.145	-0.015	-2.2	0.153	0.763	-3.373	0.466	-0.145
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 N13X1

Footnotes to the Network Monitoring Report: **X-band** N13X1

General: Od is On with a DBBC, Nd is Nt with a DBBC

a) **Nt, Noto:** X-band receiver has a single polarization (right). There are strong RFI spikes at 8383.74MHz (IF1), 8399.74MHz (IF3), 8407.49MHz (IF4), 8423.49MHz (IF6) and 8439.49MHz (IF8).

b) **Sh, Shanghai:** did not observe in LCP because of instrumental problems.

c) **Km, Kunming:** did not observe in LCP because of instrumental problems.

d) **Od, Onsala:** Swapped polarisations.

e) **Nd, Noto:** X-band receiver has a single polarization (right). There are strong RFI spikes at 8383.74MHz (IF1), 8399.74MHz (IF3), 8407.49MHz (IF4), 8423.49MHz (IF6) and 8439.49MHz (IF8).