

# Network Monitoring Report: X-band N15X1

**Source:** 4C39.25, 0738+313, 0814+425, 0007+171, 0054+161, 0202+149    **Length:** 180 min.    **Observing mode:** Mk V, mode 512-8-2, dual pol.  
**Reference antenna:** Effelsberg    **Date of observations:** 28/05/15    **Reference date:** 28/05/15; 148d 12h 00m  
**Experiment code:** N15X1    **Date of report:** 14/01/16    **by:** Minnie Y Mao

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

	Ef	Ex	Wb	Wd	O6	Ox	Mc	Nt	Sh	Sv	Zc	Bd	Hh	Ys	Ar	T6	Wz	
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	-25.783	-25.846	4.907	-4.998	6.823	6.745	-1.645	-3.137	41.971	215.558	213.128	214.929	4.429	2.494	3.402	13.049	-31.636	
Clock rate in psec/sec	-0.0694	-0.0694	0.176	0.176	0.0636	0.0636	0.144	0.479	0.757	0	0	0	0.0735	0.561	-0.00183	0.123	0	
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						f

**Enclosure:** Footnotes X-band N15X1

# Footnotes to the Network Monitoring Report: X-band N15X1

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**General:**

- a) **Ef, Effelsberg:** Synthesizer problem causing a ripple in phase v time
- b) **Wb, Westerbork:** Didn't start recording until 1044UT
- c) **Mc, Medicina:** Strange bandpass shape
- d) **Sh, Shanghai:** Participated successfully in FTP fringe test but recorded data is corrupt?
- e) **Bd, Badary:** LCP was not recorded
- f) **Wz, Wettzell:** Did not sent FTP fringe test data but appears to have successfully recorded data.

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*Questions? mao@jive.eu*

Report ends