

Network Monitoring Report: **L-band** N15L1

Source: J0232+2628, 0234+285, J1753+2848, J1929+2325, J1931+2243

Length: 180 min.

Observing mode: Mk V, mode 512-8-2, dual pol.

Reference antenna: Effelsberg

Date of observations: 26/02/15

Reference date: 26/02/15; 057d 13h 29m

Experiment code: N15L1

Date of report: 21/08/15

by: Dmitry Duev

⊗ According to expectation, no special remarks

■ Problem occured - see enclosed footnote(s)

□ Station did not observe (not scheduled)

○ Entry not applicable/investigated

	Ef	Wb	Jb	On	Nt	Mc	Tr	Sv	Zc	Bd	Ur	Hh	Sr	Ar	Jd	Wd	Sh
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	-24.876	3.846	2.179	10.895	-6.346	-4.337	45.721	215.550	213.950	213.650	35.721	6.810	0.000	3.989	4.179	0.000	35.136
Clock rate in psec/sec	-0.127	0.178	0.074	0.075	0.298	0.068	-18.800	0.000	0.000	0.000	-0.712	0.304	0.000	0.005	0.074	0.000	1.170
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 L-band N15L1

Footnotes to the Network Monitoring Report: **L-band** N15L1

General: Jd is Jb with a DBBC, Wd is Wb with a DBBC

a) **Ef, Effelsberg:** antenna control PC problems. Antenna stayed on the first source (J1753+2848) until 13:15 UT, thus missing the 2nd and 3rd ftp-fringe-test sources.

b) **On, Onsala85:** also sent data in the VDIF format, fringes only in few subbands.

c) **Nt, Noto:** problems with the L-band receiver.

d) **Bd, Badary:** late start due to antenna problems.

e) **Sr, Sardinia:** problems with the DBBC module.

f) **Ar, Arecibo:** problems with the disk pack and they started about 2 min late. Bad sampler statistics.

Questions? duev@jive.eu

Report ends