

Network Monitoring Report: C-band N15C2

Source: J0126+2559, J1051+2119 **Length:** 180 min. **Observing mode:** Mk V, mode 512-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 04/06/15 **Reference date:** 04/06/15; 155d 12h 00m
Experiment code: N15C2 **Date of report:** 10/12/15 **by:** Minnie Y Mao

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

	Ef	Ex	Wb	Wd	Jb	O8	Ox	Mc	Nt	Tr	Sh	Sv	Zc	Bd	Hh	Ys	Ar	T6
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	-25.837	-25.837	5.008		-4.744	10.989	10.93	-1.634	-2.957	86.978	39.77	215.23	213.5	214.84	4.454	2.832	3.388	
Clock rate in psec/sec	-0.069	-0.069	-0.168		0.0599	0.0301	0.0301	0.221	0.537	-19.1	0.742	-0.535?	-0.120?	-0.220?	0.0927	0.589	-0.001	
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

Enclosure: Footnotes C-band N15C2

Footnotes to the Network Monitoring Report: **C-band** N15C2

General:

a) **Wd, WesterborkDBBC:** Fringe seen in the fringe test for scan 2 but antenna position was incorrect. When corrected the fringe disappeared. Unsolved.

b) **Ar, Arecibo:** Looks like a lot of polarisation leakage... LR & RL are about 0.5x RR & LL...

c) **T6, Tianma:** No fringes.