

Network Monitoring Report: C-band N07C3

Source: 3C454.3 and J2254+1341, 0234+285 and J0232+2628 **Length:** 360 min. **Observing mode:** Mk IV, mode 256-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 02/11/07 **Reference date:** 02/11/07; 306d 14h 00m
Experiment code: N07C3 **Date of report:** 26/11/07 **by:** Giuseppe Cimò

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

	Cm	Ef	Jb	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Yb	Wz	Ro
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	951.03	-3.92	0.24	-86.73	-10.60	-12.06		1.71		1053.18		6.037				
Clock rate in psec/sec	0.087	-1.4	-0.087	4.18	-2.26	-0.71		0.93		0.19		0.035				
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗				
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗				
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗				
Phase cal aligns phases	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗				
Sampler statistics okay	⊗	⊗	⊗	■	■	⊗		■		⊗		⊗				
Please check VC number(s):				5	1			8,all								
Previous reported problem(s) corrected	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗				
Problem(s) first reported																
See enclosed footnote(s):	e			d	c			a,b								

Enclosure: Footnotes C-band N07C3

Footnotes to the Network Monitoring Report: **C-band** N07C3

e) **Cm, Cambridge:** BBC5 unlocked

d) **Mc, Medicina:** The BBC5 shows a slope on the sampler stats (about $\sim 7\%$ variation from the beginning to the end of the experiment)

c) **Nt, Noto:** Sampler statistics for some BBCs are below the optimum value of 36.4%. The lowest is BBC1 with sampler stats $\sim 20\%$.

a), b) **Tr, Torun:** a) Phase jumps. b) Sampler statistics for some BBCs are below the optimum value of 36.4%. However BBC8 has higher sampler stats $\sim 48\%$.

Questions? cimo@jive.nl

Report ends