

# Network Monitoring Report: C-band N07C2

**Source:** 4C39.25, J0916+3854    **Length:** 240 min.    **Observing mode:** Mk IV, mode 256-8-2, dual pol.  
**Reference antenna:** Medicina    **Date of observations:** 01/06/07    **Reference date:** 01/06/07; 152d 10h 30m  
**Experiment code:** N07C2    **Date of report:** 09/07/07    **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 $\mu$ sec	952.1902		1.3470	-92.6079	-9.5763	-1.8387	29.4117	9.2043	6.7148	1051.000						
Clock rate in psec/sec	0.8613		-0.0248	-0.896	-1.564	-0.705	0.749	-0.379	-0.157	0.18						
Recording okay	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Polarization setup okay	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Strong signal amplitude	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Phase cal aligns phases	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Sampler statistics okay	⊗	○	■	■	■	⊗	⊗	■	⊗	⊗						
Please check VC number(s):			8	3	1			1								
Previous reported problem(s) corrected	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Problem(s) first reported																
See enclosed footnote(s):	<b>b</b>	<b>a</b>	<b>b,c</b>	<b>d</b>	<b>e</b>			<b>f</b>								

**Enclosure:** Footnotes C-band N07C2

# Footnotes to the Network Monitoring Report: **C-band** N07C2

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**General:** Place a general comment here

**b) Cm, Cambridge:** No feedback from the station.

**a) Ef, Effelsberg:** No fringes to Effelsberg. From the station feedback: “VC05 still not functioning. Seemed to be OK, but no fringes in the FTP test. We are investigating what could have been wrong.”.

**b) and c) Jb, Jodrell Bank:** No feedback from the station.

The BBC8 shows a slope on the sampler stats (about  $\sim 4\%$  variation from the beginning to the end of the experiment)

**d) Mc, Medicina:** BBC3 sampler stats  $\sim 41\%$ . It should be  $36.4\%$ .

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

**f) Tr, Torun:** Sampler statistics for some BBCs are below the optimum value of  $36.4\%$ . However BBC1 has higher sampler stats  $\sim 56\%$ .