

Network Monitoring Report: C-band N20C3

Source: J1751+0939 and J2031+1219 **Length:** 180 min. **Observing mode:** Mk V, mode 2048-16-2/4096-32-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 29/10/20 **Reference date:** 29/10/20; 303d 11h 00m
Experiment code: N20C3 **Date of report:** 02/12/20 **by:** Benito Marcote

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

	Jb2	Wb	Ef	Mc	O8	T6	Ur	Tr	Ys	Hh	Sv	Zc	Bd	Ir	Km	Cm	Da	De	Kn	Pi
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗
Station produced fringes (disk)	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
Antabs on vlbeer (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
Feedback on www (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
GPS clock estimate gives fringes	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗
Clock rate in psec/sec	0.215	0.165	0.20	0.054	-0.52	-	-	0	-0.09	0.56	0.79	-0.24	0.6	0.112	-	-	0.215	0.215	0.215	0.215
Recording okay	⊗	■	⊗	⊗	⊗	⊘	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	■	⊗	⊗	⊗	⊘	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊘	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊘	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗
Please check BBC number(s):	⊗	⊗	⊗	⊗	⊗	⊘	⊘	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊘	⊗	⊗	⊗	⊗
Previous reported problem(s) corrected																				
Problem(s) first reported																				
See enclosed footnote(s):	a	b				c	c	d							c	e				

Enclosure: Footnotes C-band N20C3

Footnotes to the Network Monitoring Report: C-band N20C3

General:

2048 Mbps mode in scans 1 to 9. 4096 Mbps mode in scans 10 to 13.

- a) **Jb2, Jodrell Bank (Mrk2)**: Could not record the full 4096-Mbps mode as only one VSI cable was connected to the DBBC. Data showed fringes in the RCP channels in this mode.
- b) **Wb, Westerbork**: Broken power supply of an LNA that caused to receive the same amplitudes in all polarizations.
- c) **T6, Ur, Km, Tianma, Urumqi, Kunming**: Did not participate due to on-going national tasks.
- d) **Tr, Torun**: Observed only with the 2048-Mbps mode.
- e) **Cm, Cambridge**: Could not participate due to technical issues at the station.

Questions? marcote@jive.eu

Report ends