

Network Monitoring Report: X-band N21X1

Source: J0237+2848 and DA193 **Length:** 180 min. **Observing mode:** Mk V, mode 2048-18-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 12/03/21 **Reference date:** 12/03/21; 71d 12h 00m
Experiment code: N21X1 **Date of report:** 16/04/21 **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

	Wb	Ef	Mc	Nt	O6	T6	Ur	Ys	Hh	Sv	Zc	Bd	Ir	Km
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	-	0.23	-0.032	-0.115	-0.54	0.82	-0.45	-	0.091	-0.29	-0.004	-0.001	-0.31	-
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	d	e	f								

Enclosure: Footnotes X-band N21X1

Footnotes to the Network Monitoring Report: X-band N21X1

General:

- a) **Wb, Westerbork:** Failure of the X-band receiver. The bad weather did not allow a closer inspection during the NME.
- b) **Mc, Medicina:** Strong ripples observed across the bandpass (already observed in previous sessions at this band). To be investigated by the local engineers once in-site works are again possible.
- c) **Ur, Urumqi:** Provided T_{sys} measurements showed unrealistically high (and scattered) values. Recorded data were fine.
- d) **Ys, Yebe:** Could not participate in this session due to severe damage on the elevation shutter of the telescope after the last snow storms.
- e) **Zc, Zelenchukskaya:** LCP amplitudes were consistently lower than RCP in the cross-correlations (by around 30%).
- f) **Kn, Kunming:** Could not participate due to concurrent national tasks.

Questions? marcote@jive.eu

Report ends