

Network Monitoring Report: L-band N20L1

Source: J0237+2848 and J2139+1423
Reference antenna: Effelsberg
Experiment code: N20L1

Length: 180 min.
Date of observations: 10/03/20
Date of report: 22/04/20
Observing mode: Mk V, mode 512-18-2, dual pol.
Reference date: 10/03/20; 70d 12h 00m
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

	Jb	Wb	Ef	O8	T6	Ur	Tr	Hh	Sv	Zc	Bd	Ir	Sr	Ar
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	0.21	0.17	0.17	-0.48	0.79	-	0	1.68	-0.32	-0.16	-0.11	0.67	0	0.002
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

Enclosure: Footnotes L-band N20L1

Footnotes to the Network Monitoring Report: L-band N20L1

General:

-) **O8, Onsala:** Stowed due to strong winds after scan 10.
- b) **Ur, Urumqi:** Could not participate due to COVID-19 restrictions.
- c) **Hh, Hartebeesthoek:** Using continuous Tsys calibration for the first time. TPI values look fine and the obtained gain calibration is accurate.
- d) **Ar, Arecibo:** Fixed previous problems reported in N19L3. Fringes found to both RCP and LCP. However, a significant clock offset of $\sim 200 \mu\text{s}$ is found between the two polarizations. This issue still remained in the user experiments, but with a different clock offset.

Questions? marcote@jive.eu

Report ends