

Network Monitoring Report: M-band N19M2

Source: J0927+3902 and J1224+2122
Reference antenna: Effelsberg
Experiment code: N19M2

Length: 180 min.
Date of observations: 03/06/19
Date of report: 28/08/19
Observing mode: Mk V, mode 256-18-2, dual pol.
Reference date: 03/06/19; 154d 14h 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	Mc	Nt	O8	T6	Tr	Ys	Hh	Ir	Sr
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	-0.34	-0.178	0.15	-0.127	-0.04	-0.46	0.80	0	-0.177	0.0186	1.43	
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 M-band N19M2

Footnotes to the Network Monitoring Report: M-band N19M2

General:

- a) **Wb, Westerbork:** Fringes much weaker than expected, probably related to the small 4-MHz bandwidth. The recorded Tsys values were significantly off from the expected gain calibration. A nominal ANTAB file produced consistent results.
- b) **Ef, Effelsberg:** Observed linear polarization. Changed during post-processing.
- c) **Nt, Noto:** RCP significantly weaker than LCP for unclear reasons.
- d) **Tr, Torun:** Also produced vdif data (station named Tv). Both backends produced consistent results without significant differences.
- e) **Ys, Yebe:** Joined for scan03 due to issues with the v107 firmware version and the small 4-MHz bandwidth.
- f) **Sr, Sardinia:** Could not participate due to antenna control problems.

Questions? marcote@jive.eu

Report ends