

Network Monitoring Report: K-band N19K3

Source: J1751+0939, J1801+4404, and J2148+0657 **Length:** 180 min. **Observing mode:** Mk V, mode 1024-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 17/10/19 **Reference date:** 17/10/19; 290d 12h 00m
Experiment code: N19K3 **Date of report:** 17/12/19 **by:** Olga Bayandina

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

	Jb	Ef	Mc	O6	T6	Ur	Tr	Ys	Hh	Sv	Zc	Bd	Sr	Mh	Kt	Ky	Ku
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	0.03	0.2	-0.05	-0.5	0.8	-20	0	-0.2	0.02	-0.1	-0.06	0	0	-0.02	45	45	45
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	d	d

Enclosure: Footnotes K-band N19K3

Footnotes to the Network Monitoring Report: K-band N19K3

General:

- a) **O6, Onsala:** A parallel recording with V107Beta3 and a new firmware V107beta4, no significant difference in data quality is found.
- b) **T6, Tianma:** High percentage of invalid data (from 40% in scan 02 to ~20% in scan 12).
- c) **Ur, Urumqi:** Fringes are found after data correlation, but not during the ftp test.
- d) **KVN: Kt, Tamna; Ky, Yonsei; Ku, Ulsan:** There are fringes with all KVN stations, but high rates are noticed; the case is under investigation.

Questions? bayandina@jive.eu

Report ends