

# Network Monitoring Report: K-band N19K1

**Source:** 0234+285 and 0528+134    **Length:** 180 min.    **Observing mode:** Mk V, mode 1024-18-2, dual pol.  
**Reference antenna:** Yebes    **Date of observations:** 12/03/19    **Reference date:** 12/03/19; 71d 12h 00m  
**Experiment code:** N19K1    **Date of report:** 01/05/19    **by:** Katharina Immer

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

	Bd	Ef	Hh	Jb	Kt	Ku	Ky	Mc	Mh	Nt	O6	Sr	Sv	T6	Tr	Ur	Ys	Zc
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	■	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (disk)	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Logs are available (within 72 hours)	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Feedback on www (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
GPS clock estimate gives fringes	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Clock rate in psec/sec	-0.220	0.174	0.013	-0.287	-0.440	-0.262	-0.285	-0.184	0.009	-0.174	-0.440	-0.119	1.260	0.738	0	1.610	-0.189	-0.062
Recording okay	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Sampler statistics okay	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Please check BBC number(s):												7, LCP						
Previous reported problem(s) corrected																		
Problem(s) first reported																		
See enclosed footnote(s):																		
	a			b	b	b	b			c	c	d	e	e				

**Enclosure:** Footnotes K-band N19K1

# Footnotes to the Network Monitoring Report: K-band N19K1

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**General:**

- a) **Ef, Effelsberg:** Did not participate in the observations due to high wind.
- b) **Kt, Ku, Ky, KVN:** Percentage of invalid data quite high ( $\sim 7\%$ ).
- c) **Nt, Noto:** No fringe detected, no feedback via www. Problem unclear.
- d) **Sr, Sardinia:** No LL signal in subband 7. Corresponding sampler statistics are not good.
- e) **T6, Tianma:** Polarization signal swapped from scan 7.

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*Questions? immer@jive.eu*

Report ends