

Network Monitoring Report: S/X-band N18SX2

Source: J1848+3219 **Length:** 180 min. **Observing mode:** Mk V, mode 512-18-2, dual mode s/x and x only
Reference antenna: Yebes/Svetloe **Date of observations:** 27/10/18 **Reference date:** 27/10/18; 300d 12h 00m
Experiment code: N18SX2 **Date of report:** 21/01/2019 **by:** Jay Blanchard

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

	Wb	Ef	Mc	Nt	O6	T6	Ur	Ys	Hh	Sv	Zc	Bd	Ib	Wz
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	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	0.17	0.09	-0.19	-0.43	0.77	-1.9	-0.21	0.20	0.75	-0.78	0	-0.03	0	
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	fila10g	fila10g												
See enclosed footnote(s):	a	b	c	d&e	c	e&f	c		e	e	e	e		

Enclosure: Footnotes S/X-band N18SX2

Footnotes to the Network Monitoring Report: S/X-band N18SX2

General:

- a) **Wb, Westerbork:** Station could not record, fila10g would output only a single frame each scan. Similar issue at Ef but for Wb even a reconfig of the fila10g did not work. Fixed by next experiment.
- b) **Ef, Effelsberg:** Station could not record, fila10g would output only a single frame each scan. Similar issue as Wb but here a reconfig of the fila10g fixed it after the nme.
- c) **Mc/O6/Ys/Wz, Multiple:** Stations did not provide log files.
- d) **Nt, Noto:** X-band fringes were very weak. Not visible during FTP but found on disk
- e) **Nt/T6/Sv/Zc/Bd/Wz, Multiple:** These stations did not provide antab/tsys information, despite request via email.
- f) **T6, Tianma:** Station did not initially provide fringes. Fixed just before swap to S/X mode.

Questions? blanchard@jive.eu

Report ends