

# Network Monitoring Report: S/X-band N17SX1

**Source:** J1848+3219    **Length:** 180 min.    **Observing mode:** Mk V, mode 512-18-2, dual pol.  
**Reference antenna:** T6    **Date of observations:** 19/10/17    **Reference date:** 19/10/17; 292d 12h 00m  
**Experiment code:** N17SX1    **Date of report:** 09/04/18    **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

|  | Ef       | Mc    | Nt     | O6     | T6     | Ur    | Ys     | Sv     | Zc     | Bd     | Hh    | Km     | Wb    | Ir     |
|--|----------|-------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|-------|--------|
| 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       | ⊗        | ⊗     | ⊗      | ⊗      | ⊗      | ○     | ⊗      | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗     | ⊗      |
|  | 0.093    | 0.100 | -0.438 | -0.299 | -0.133 | -4.13 | -0.306 | -0.750 | -0.120 | -0.220 | 0.111 | -0.457 | 0.153 | -0.894 |
| Recording okay                         | ⊗        | ⊗     | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗     | ⊗      |
| Polarization setup okay                | ■        | ⊗     | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗     | ⊗      |
| Strong signal amplitude                | ⊗        | ⊗     | ⊗      | ■      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗      | ⊗      | ⊗     | ■      | ⊗     | ⊗      |
| Sampler statistics okay                | ⊗        | ⊗     | ⊗      | ⊗      | ⊗      | ■     | ⊗      | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗     | ⊗      |
| Please check BBC number(s):            | ⊗        | ⊗     | ⊗      | ⊗      | ⊗      | ■     | ⊗      | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗     | ⊗      |
| Previous reported problem(s) corrected | RECEIVER |       |        |        |        |       |        |        |        |        |       |        |       |        |
| Problem(s) first reported              | c        |       |        |        |        |       |        |        |        |        |       |        |       |        |
| See enclosed footnote(s):              | a        |       |        |        |        |       |        |        |        |        |       | b      | d     |        |

**Enclosure:** Footnotes S/X-band N17SX1

# Footnotes to the Network Monitoring Report: S/X-band N17SX1

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## General:

- a) **Ef, Effelsberg:** Polarisation swapped, but fixed by end of NME.
- b) **O6, Onsala:** Fringes weaker than expected due to warm receiver, logs were late as no tcal existed (provided on request).
- c) **Ur, Urumqi:** Receiver fault indicated, bad sampler stats support this.
- d) **Km, Kunming:** Issues with maser resulted in temporary fringes only.

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Questions? [blanchard@jive.eu](mailto:blanchard@jive.eu)

Report ends