

# Network Monitoring Report: L-band N11L3

**Source:** OQ208, 3C286, J1719+0817, J1713+0747    **Length:** 120 min.    **Observing mode:** Mk IV, mode 512-8-2, RCP & LCP.  
**Reference antenna:** Effelsberg    **Date of observations:** 9/6/11    **Reference date:** 9/6/11; 160d 16h 30m  
**Experiment code:** N11L3    **Date of report:** 21/07/11    **by:** Jun Yang

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

|  | Bd       | Ef     | Zc     | Mc      | Nt      | On      | Sh     | Sv     | Ur     | Wb    | Tr     | Hh     | Jb | Ys | Wz |
|--|----------|--------|--------|---------|---------|---------|--------|--------|--------|-------|--------|--------|----|----|----|
| Station has observed                   | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Station produced fringes (ftp)         | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Station produced fringes (disk)        | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Filled in TRACK                        | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Logs are available (within 72 hours)   | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| GPS data available (within 7 days)     | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Disks are available (within 7 days)    | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Feedback on www (within 7 days)        | ■        | ⊗      | ■      | ⊗       | ⊗       | ⊗       | ⊗      | ■      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| GPS clock estimate gives fringes       | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Clock offset in $\mu$ sec              | -2.248   | -0.288 | -2.908 | -57.916 | -19.371 | -19.371 | -2.037 | 1.524  | 69.941 | 8.732 | 7.403  | -0.328 |    |    |    |
| Clock rate in psec/sec                 | ○        | -1.3   | ○      | -0.61   | 0.437   | 0.437   | ○      | -0.016 | 0.184  | 0.722 | -0.030 | -0.038 |    |    |    |
| Recording okay                         | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Polarization setup okay                | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Strong signal amplitude                | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Phase cal aligns phases                | ○        | ○      | ○      | ○       | ○       | ○       | ○      | ○      | ○      | ○     | ○      | ○      | ○  |    |    |
| Sampler statistics okay                | ⊗        | ⊗      | ⊗      | ⊗       | ⊗       | ⊗       | ⊗      | ⊗      | ⊗      | ⊗     | ⊗      | ⊗      | ⊗  |    |    |
| Please check VC number(s):             |          |        |        |         |         |         |        |        |        |       |        |        |    |    |    |
| Previous reported problem(s) corrected |          |        |        |         |         |         |        |        |        |       |        |        |    |    |    |
| Problem(s) first reported              |          |        |        |         |         |         |        |        |        |       |        |        |    |    |    |
| See enclosed footnote(s):              |          |        |        |         |         |         |        |        |        |       |        |        |    |    |    |
|  | <b>a</b> |        |        |         |         |         |        |        |        |       |        |        |    |    |    |
|  | <b>b</b> |        |        |         |         |         |        |        |        |       |        |        |    |    |    |
|  | <b>c</b> |        |        |         |         |         |        |        |        |       |        |        |    |    |    |

**Enclosure:** Footnotes L-band N11L3

# Footnotes to the Network Monitoring Report: L-band N11L3

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**General:** The 18cm ftp-fringe tests were done in another experiment F11L1.

- a) **Ef, Effelsberg:** Started to use DBBC backend since Session 2/2011.
- b) **Tr, Torun:** As reported on the EVN feedback, no fringes in BBC 6.
- c) **Jb: Jodrell 1:** The auto-correlation plots in last two subbands (BBCs 7&8) had a step-like shape. Significant variation of correlation amplitude and Tsys were also found in the two subbands.

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*Questions? yang@jive.nl*

Report ends