

Network Monitoring Report: Q-band N15Q1

Source: DA193, J2022+7611, 2007+777, 3C345 **Length:** 180 min. **Observing mode:** Mk V, mode 1024-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 29/05/15 **Reference date:** 29/05/15; 149d 14h 30m
Experiment code: N15Q1 **Date of report:** 24/11/15 **by:** Gabriele Surcis

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

| | Ef | On | Ys | Mh | Ku | Ky | Kt | Ex | Ox |
|----------------------------------------|---------|--------|--------|--------|---------|---------|--------|---------|--------|
| 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 μsec | -25.789 | +6.993 | +2.544 | +0.825 | +16.791 | -1.5143 | -2.957 | -24.621 | +6.966 |
| Clock rate in psec/sec | -0.104 | +0.051 | +0.568 | -0.012 | 0 | 0 | 0 | -0.104 | +0.051 |
| Recording okay | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| Polarization setup okay | ⊗ | ⊗ | ⊗ | ■ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| Strong signal amplitude | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| Sampler statistics okay | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| Please check VC number(s): | | | | | | | | | |
| Previous reported problem(s) corrected | ○ | ○ | ○ | ⊗ | ○ | ○ | ○ | ○ | ○ |
| Problem(s) first reported | | | | | | | | | |
| See enclosed footnote(s): | a | b | | c | | | | a | b |

Enclosure: Footnotes Q-band N15Q1

Footnotes to the Network Monitoring Report: **Q-band** N15Q1

General:

a) **Ef, Effelsberg:** sent also m5a vdif data listed as Ex.

b) **On, Onsala:** sent also m5a vdif data listed as Ox.

c) **Mh, Metsahovi:** LCP and RCP polarizations were swapped during observations. This has been corrected during correlation.

Questions? surcis@jive.eu

Report ends