

Network Monitoring Report: SX-band N10SX2

Source: J1751+0939 et al. **Length:** 180 min. **Observing mode:** Mk IV, mode 512-16-2, RCP.
Reference antenna: Effelsberg **Date of observations:** 8/11/10 **Reference date:** 8/11/10; 312d 12h 00m
Experiment code: N10SX2 **Date of report:** 27/12/10 **by:** Jun Yang

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

	Bd	Ef	Zc	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Ys	Wz	Ro
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 μ sec	-3.062			-65.341		-30.583						7.999		-0.661		
Clock rate in psec/sec	0.969			1.140		0.306						-0.110		0.025		
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):																
	a			b								c				d

Enclosure: Footnotes SX-band N10SX2

Footnotes to the Network Monitoring Report: SX-band N10SX2

General:

- a) **Ef, Effelsberg:** Tsys \sim 300 K at S band as it has a non-cooled receiver.
- b) **Mc, Medina:** Due to a problem with the cryogenic system, its S/X band receiver worked at room temperature with SEFD \sim 1180 Jy at 2.3 GHz and \sim 970 Jy at 8.4 GHz.
- c) **Hh, Hartebeesthoek:** SEFD \sim 1170 Jy at 2.3 GHz and \sim 735 Jy at 8.4 GHz when both S and X band receivers were used via two extra reflectors in N10SX2.
- d) **Ys, Yebe:** Participated in the observations only in the first 1 hour and 15 minute. Later, it stopped observations because of strong winds.

Questions? yang@jive.nl

Report ends