

Network Monitoring Report: Q-band N21Q1

Source: 3C345, J2015+3710, J2148+0657 and J0102+5824

Length: 180 min.

Observing mode: Mk V, mode 2048-8-64, dual pol

Reference antenna: Effelsberg

Date of observations: 10/11/2021

Reference date: 10/11/2021; 314d 11h 30m

Experiment code: N21Q1

Date of report: 18/01/2022

by: Dhanya G. Nair

⊗ According to expectation, no special remarks

■ Problem occurred - see enclosed footnote(s)

⊘ Station did not observe (not scheduled)

○ Entry not applicable/investigated

	Ef	O6	Ur	Mh	Ys	Kt	Ky	Ku
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (disk)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Antabs on vlbeer (within 7 days)	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗
Feedback on www (within 7 days)	⊗	⊗	⊗	■	⊗	■	■	■
GPS clock estimate gives fringes	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Clock rate in psec/sec	0.25	-0.56	-0.76	-0.006	1.49	0	0	-1.90
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								
See enclosed footnote(s):	a		b			c	c	c

Enclosure: Footnotes Q-band N21Q1

Footnotes to the Network Monitoring Report: **Q-band** N21Q1

General:

- a) **Ef, EFFELSBURG:** Swapped polarization from scan01 to scan04 is fixed during post-processing of the data.
- b) **Ur, URUMQI:** Q-band receiver has been tested for the first time and found fringes (weak).
- c) **KVN (Kt, Ky, and Ku):** Swapped polarisation in all scans is fixed during post-processing of the data.

Questions? nair@jive.eu

Report ends