

General information

This is a verification test for the NOEMA phasing system. The test will be carried out at 3mm.

Scheduling

Scheduling of the test will be dynamic, based on technical readiness and weather. One slot of duration 4hrs is triggered between 1.12. - 4.12.2020.

Contraints of the individual stations:

Station	Scheduling contrints
Ef	not available after 2.12.
Ys	cannot join between 9:00 (1/12) - 13:00 (2/12), and probably not on 7:20-19:30 (3/12)
On	can only join on the 1st December and 4th December (not 2+3)
Pv	must be later than 12:00 for Dec 1st

Setup

Due to the current limit of 4 formatter cards being available the test will be carried out in LSB dual-pol. Should additional cards become availble USB can be done too.

Station	LO	channel	sideband	Freqs	Notes
NOEMA	92101		LSB	83101 - 86101	5-9 GHz IFs
PV	92100	4 x 2 GHz	LSB	83100 - 86100	5-9 GHz IFs
On, Ys, Ef	85500	16x64 MHz	USB	86012 - 86524	

Fringes

Station	Code	Fringes	Plots	Comments
pNOEMA				
PV	Pv			
YebeS	Ys			
Onsala	On			
Effelsberg	Ef			

Station	Code	Fringes	Plots	Comments

Notes