

F201B Correlation Report

General information

- Additional fringe test scheduled to investigate the absence of fringes Ef.
- Session info: <http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/>
- Station feedback: http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/sessions/apr20/feedback_apr20.asc

Fringes

All fringe plots for scan 2 including autocorrelations: [f201b_No0002_all.pdf](#)

Station	Code	Fringes	Plots	Comments
Ef	B	yes	f201b_No0002_3C84_BX_LL.pdf , f201b_No0002_3C84_BX_RR.pdf f201b_No0002_3C84_BZ_LL.pdf , f201b_No0002_3C84_BZ_RR.pdf	Effelsberg with DBBC2 backend it was found that there was a setup misconfiguration and the LO frequency accidentally shifted by -2 MHz. After fixing this LO offset in correlation fringes to both On and Mh found successfully.
Eb	E	yes	see fringe plots for the whole scan 2 above	Effelsberg with RDBE backend It was added in in attempt to help in investigating the problems, unfortunately misconfigured to 4 x 64 MHz per pol instead of its supposed 4 x 128 MHz per pol. Possibly there were other setup problems. Only zero-baseline fringes EfEb were found and they look strange.
On	X	yes	f201b_No0002_3C84_BX_LL.pdf , f201b_No0002_3C84_BX_RR.pdf	OK
Mh	Z	yes	f201b_No0002_3C84_BZ_LL.pdf , f201b_No0002_3C84_BZ_RR.pdf	OK

Notes