

## F192A Correlation Report

### General information

- Session info: <http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/>
- Station feedback: [http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/sessions/oct19/feedback\\_oct19.asc](http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/sessions/oct19/feedback_oct19.asc)

### Fringes

Station	Code	Fringes	Plots	Comments
Ef	B	yes	<a href="#">No0002_B.pdf</a>	Effelsberg DBBC2
Eb	E			Effelsberg RDBE
On	X	yes	<a href="#">No0002_X.pdf</a>	Onsala DBBC2 v107_beta3
O6	O	yes	<a href="#">No0002_O.pdf</a>	Onsala DBBC2 v107_beta4
Mh	Z	yes	<a href="#">No0002_Z.pdf</a>	thick clouds and rain
Ys	Y	yes	<a href="#">No0002_Y.pdf</a>	clear skies
Pv	P	yes	<a href="#">No0002_P.pdf</a>	DBBC2 clear sky with some high-altitude clouds. Tau=0.25. Issues with telescope system, joining test late, missed scan 1.
P3	i	yes	<a href="#">No0002_i.pdf</a>	DBBC3 backend at PV

### Notes

- **Ys:** LCP fringes are weaker than RCP. This could be attributed to the board serving LCP (C) not being properly calibrated. During c192b the LCP IF was switched to board B.
- **P3:** Phases needed to be manually aligned. SNR is comparable to DBBC2. However LL Fringes are somewhat weaker due to a drop in amplitude for the last 4 BBCs of board A. The reason for this drop needs to be investigated.