

## C241A Correlation Report

### General information

- Session info: <http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/>
- Station feedback: Gl late due to storm (<https://docs.google.com/spreadsheets...gid=1941489491>), bad weather at Pv in the beginning and at Ef, Ys lost scans 0376, 0377, Mh was offline 2024-04-19 1228 to 1400 UTC, c241a was observed from 109-22:00 to 110-06:50 UT, 110-10:00 to 110-10:37 UT. Nn did not observe due to storm in the beginning, then due to a cabling error, we were on the "regular" 3mm band R&S SMA 100A synthesizer that was referenced to the maser (it should have sufficient quality for VLBI, however). We switched to the VLBI specific R&S SMA 100B just before starting c241b, and the following observations of c241b and c241c were done with it, Aa good, no KT

### Status

| what  | date       |
|---|------------|
| started e-transfer for PV(2/2), Ys, On, Mh, sent email to KVN/Mp (awaiting start), Ef done                              | 22.04.2024 |
| Fringes between Pv, On, Ys, Ef, Mh, sync error for Mh and probably Ys (missing frames) but only in the first few scans? | 24.04.2024 |
| KVN data transfer started (complete), At & Mp still missing, but contacted via email to check                           | 26.04.2024 |
| GLT, AA on the way, JCMT not yet  | 12.06.2024 |

### Fringes

| Station | Fringes                            | Plots | Comments |
|---------|------------------------------------|-------|----------|
| Ef      | y                                  |       |          |
| Nn      |                                    |       |          |
| Pv      | y                                  |       |          |
| Ys      | y                                  |       |          |
| Mh      | y                                  |       |          |
| On      | y                                  |       |          |
| Gl      |                                    |       |          |
| KVN (3) | y                                  |       |          |
| VLBA(8) | y (FD & MK have fringes in B part) |       |          |

### Notes

#### Post-Correlation checks

#### Residuals

FITS completeness (plist)