

GMVA 4GBPS TEST (APRIL 2019) PRELIMINARY RESULTS

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TEST SETUP



- ▶ Stations
 - ▶ VLBA: Br, Pt, Ov, Kp, La, Fd, Mk
 - ▶ DBBC2: On, Ys, Pv, Mh, Ef
 - ▶ DBBC3: P3 (Pico Veleta)
 - ▶ R2DBE: Na (NOEMA, single antenna)
- ▶ Modes
 - ▶ VLBA: DDC mode, 4 x 128MHz dual-pol, Mark6 recording
 - ▶ DBBC2: DDC (v107), 8 x 64MHz dual-pol
 - ▶ DBBC3: DDC-V (v124), 16 x 32MHz dual-pol
 - ▶ R2DBE: PFB, 1 x 2048MHz dual-pol

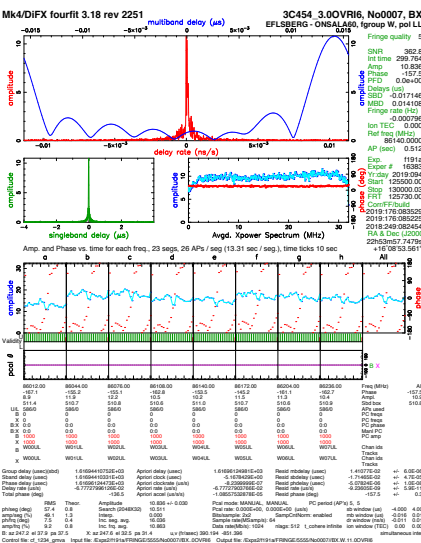
For details see the following link: [4GbpsTest](#)

PRELIMINARY RESULTS - EUROPE

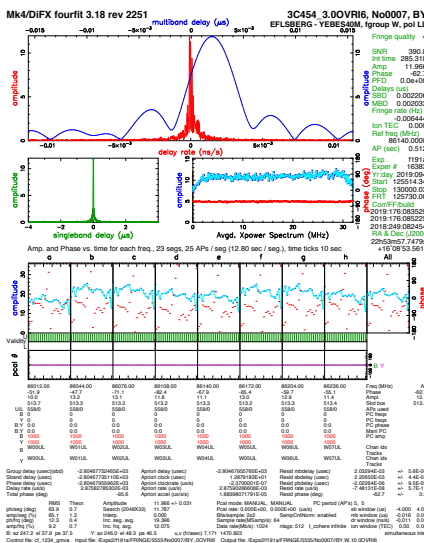


Fringes found between Ef, On, Ys, Mh, Pv and P3

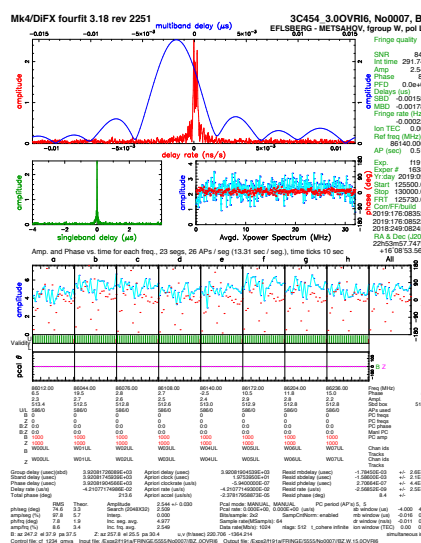
Ef-On



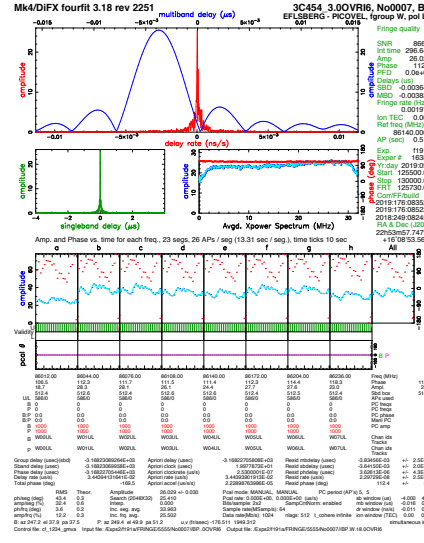
Ef-Ys



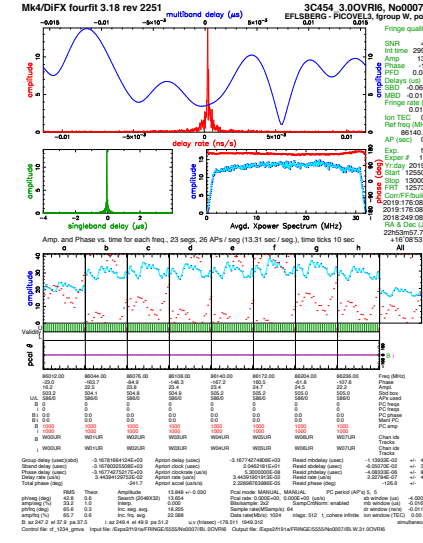
Ef-Mh



Ef-Pv



Ef-P3



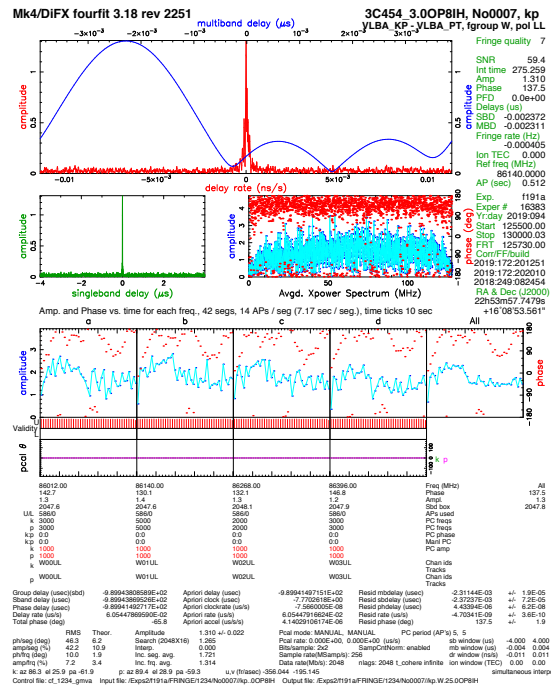
NOEMA not yet included in the correlation

PRELIMINARY RESULTS – VLBA



Fringes found between VLBA and all European stations

Kp-Pt



VLBA issues

- no pointing at 3mm
- out-of order packets (fixed)