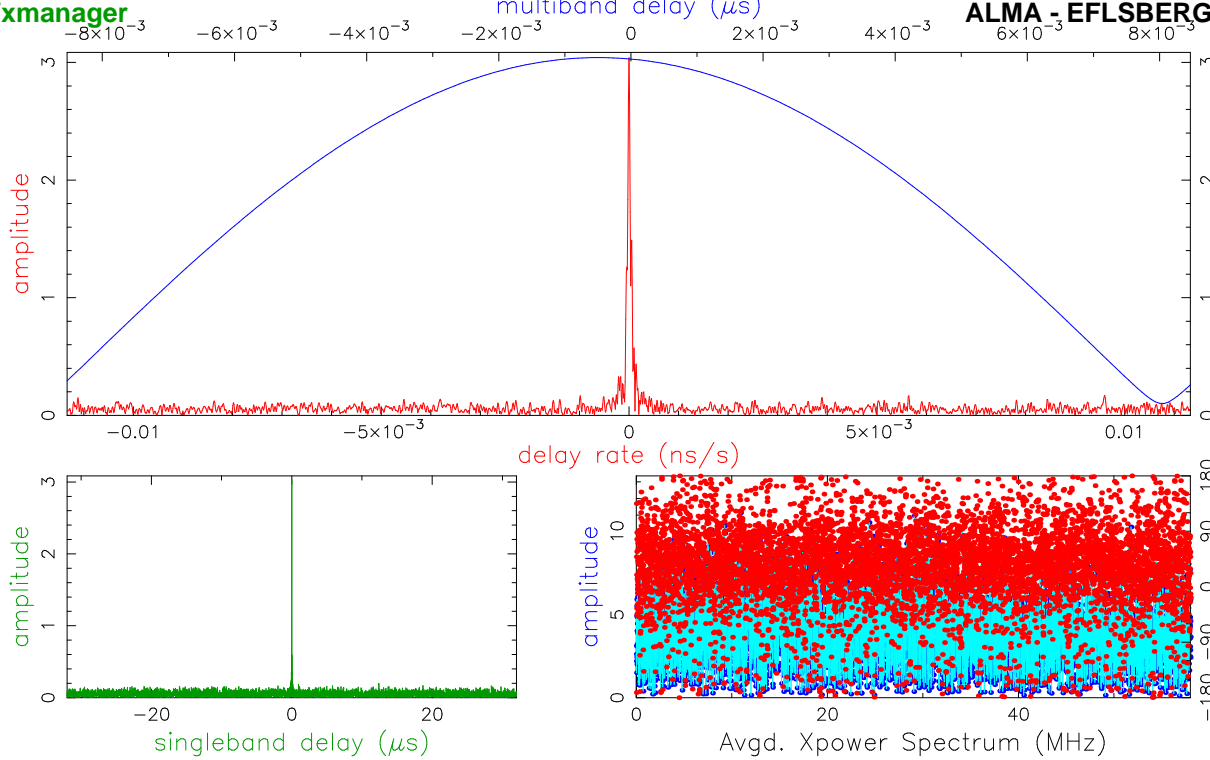


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1055+018.1RFT2J, No0001, AB

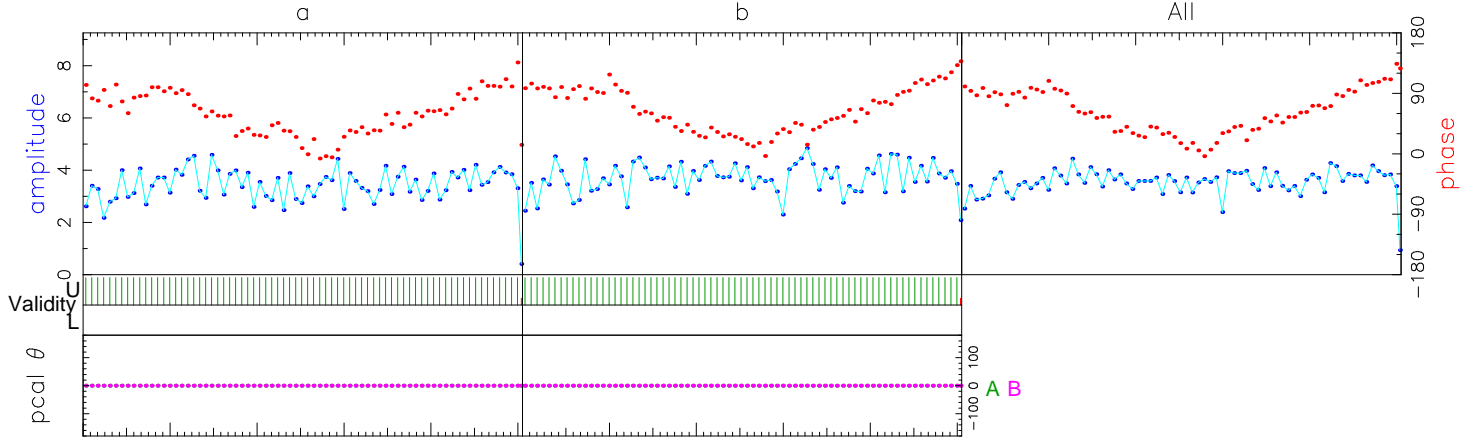
ALMA - EFLSBERG, fgroup W, pol XR



Fringe quality 8

SNR 69.6  
 Int time 299.970  
 Amp 3.085  
 Phase 63.2  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.001681  
 MBD -0.000662  
 Fringe rate (Hz) 0.000211  
 Ion TEC 0.000  
 Ref freq (MHz) 86140.0000  
 AP (sec) 0.512  
 Exp. c211d  
 Yr:day # 16383  
 Start 2021:116  
 Stop 220500.03  
 FRT 220230.00  
 Corr/FF/build  
 2021:194:213344  
 2021:194:215501  
 2021:057:122453  
 RA & Dec (J2000)  
 10h58m29.605207s  
 +01°33'58.823723"

Amp. and Phase vs. time for each freq., 74 segs, 8 APs / seg (4.10 sec / seg.), time ticks 5 sec



|                         |                    |                          |                    |                      |              |     |         |
|-------------------------|--------------------|--------------------------|--------------------|----------------------|--------------|-----|---------|
| 86209.70                | 86268.30           | Freq (MHz)               | All                |                      |              |     |         |
| 61.4                    | 64.9               | Phase                    | 63.2               |                      |              |     |         |
| 2.9                     | 3.1                | Ampl.                    | 3.0                |                      |              |     |         |
| 7425.6                  | 7425.2             | Sbd box                  | 7425.4             |                      |              |     |         |
| U/L 586/0               | 586/0              | APs used                 |                    |                      |              |     |         |
| A 0                     | 0                  | PC freqs                 |                    |                      |              |     |         |
| B 296                   | 1000               | PC freqs                 |                    |                      |              |     |         |
| A:B 0:0                 | 0:0                | PC phase                 |                    |                      |              |     |         |
| A:B 0:0                 | 0:0                | Manl PC                  |                    |                      |              |     |         |
| A 1000                  | 1000               | PC amp                   |                    |                      |              |     |         |
| B 1000                  | 1000               |                          |                    |                      |              |     |         |
| A W00UX                 | W01UX              | Chan ids                 |                    |                      |              |     |         |
| B W02UR                 | W03UR              | Tracks                   |                    |                      |              |     |         |
|                         |                    | Chan ids                 |                    |                      |              |     |         |
|                         |                    | Tracks                   |                    |                      |              |     |         |
| Group delay (usec)(sbd) | -1.31294185527E+03 | Apriori delay (usec)     | -1.31294119322E+03 | Resid mbdelay (usec) | -6.62050E-04 | +/- | 7.8E-05 |
| Sband delay (usec)      | -1.31293951267E+03 | Apriori clock (usec)     | -2.0855212E+03     | Resid sbdelay (usec) | 1.68055E-03  | +/- | 1.4E-04 |
| Phase delay (usec)      | -1.31294119118E+03 | Apriori clockrate (us/s) | -1.2300000E-06     | Resid phdelay (usec) | 2.03822E-06  | +/- | 5.3E-08 |
| Delay rate (us/s)       | 1.50340797091E+00  | Apriori rate (us/s)      | 1.50340796846E+00  | Resid rate (us/s)    | 2.44878E-09  | +/- | 3.1E-10 |
| Total phase (deg)       | -75.0              | Apriori accel (us/s/s)   | -7.42629426708E-06 | Resid phase (deg)    | 63.2         | +/- | 1.6     |

|              |      |        |      |                 |                 |  |                      |                |              |
|--------------|------|--------|------|-----------------|-----------------|--|----------------------|----------------|--------------|
| ph/seg (deg) | 32.2 | Theor. | 7.1  | Amplitude       | 3.085 +/- 0.044 | Pcal mode: MANUAL, MANUAL              | PC period (AP's)     | 5, 5           |              |
| amp/seg (%)  | 20.6 |        | 12.4 | Search (2048X8) | 3.009           | Pcal rate: 0.000E+00, 0.000E+00 (us/s) | sb window (us)       | -32.000 32.000 |              |
| ph/frq (deg) | 0.0  |        | 1.2  | Interp.         | 0.000           | Bits/sample: 2x2                       | SampCntNorm: enabled | mb window (us) | -0.009 0.009 |
| amp/frq (%)  | 3.5  |        | 2.0  | Inc. seg. avg.  | 3.542           | Sample rate(MISamp/s): 116             | dr window (ns/s)     | -0.011 0.011   |              |
|              |      |        |      | Inc. frq. avg.  | 3.040           | Data rate(Mb/s): 464                   | ion window (TEC)     | 0.00 0.00      |              |

A: az 68.7 el 37.7 pa -121.0 B: az 214.2 el 35.8 pa 20.6 u,v (fr/asec) -8613.584 -10298.090 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/c211d/v1/1234/No0001/AB..1RFT2J Output file: /Exps/c211d/v1/1234/No0001/AB.W.8.1RFT2J