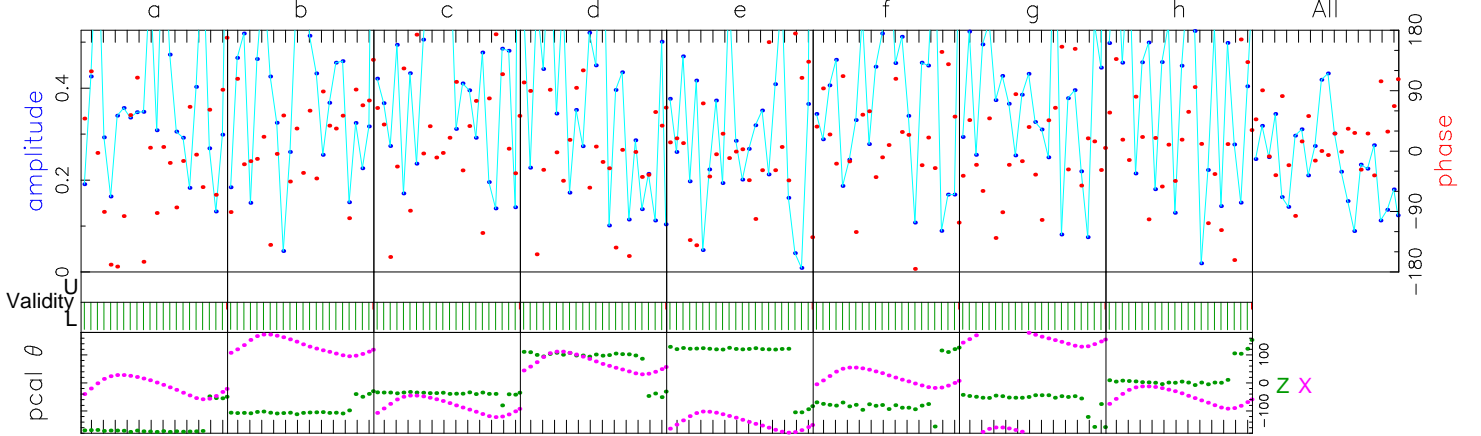


Fringe quality 9  
 SNR 9.0  
 Int time 711.507  
 Amp 0.175  
 Phase 369.8  
 PFD 2.9e-11  
 Delays (us)  
 SBD -0.069110  
 MBD -0.008626  
 Fringe rate (Hz) 0.001217  
 Ion TEC 0.000  
 Ref freq (MHz) 86140.0000  
 AP (sec) 1.000  
 Exp. c172a  
 Exper # 16383  
 Yr:day 2017:272  
 Start 100008.00  
 Stop 101200.00  
 FRT 100600.00  
 Corr/FF/build  
 2018:051:092618  
 2018:052:141850  
 2017:188:152524  
 RA & Dec (J2000)  
 03h19m48.1601s  
 +41°30'42.104"

Amp. and Phase vs. time for each freq., 23 segs, 32 APs / seg (32.00 sec / seg.), time ticks 60 sec



|                         | 86156.00           | 86188.00 | 86220.00                 | 86252.00 | 86284.00           | 86316.00 | 86348.00             | 86380.00 | Freq (MHz)   | All         |
|-------------------------|--------------------|----------|--------------------------|----------|--------------------|----------|----------------------|----------|--------------|-------------|
|                         | -8.3               | 22.2     | 21.1                     | 9.3      | -18.6              | 15.6     | -0.7                 | 24.4     | Phase        | 9.8         |
|                         | 0.1                | 0.2      | 0.2                      | 0.1      | 0.2                | 0.2      | 0.2                  | 0.2      | Ampl.        | 0.2         |
|                         | 198.6              | 120.7    | 120.1                    | 121.2    | 24.0               | 120.3    | 119.9                | 136.4    | Sbd box      | 120.2       |
| U/L                     | 0/712              | 0/712    | 0/712                    | 0/712    | 0/712              | 0/712    | 0/712                | 0/712    | APs used     |             |
| Z                       | -1000              | -1000    | -1000                    | -1000    | -1000              | -1000    | -1000                | -1000    | PC freqs     |             |
| X                       | -1000              | -1000    | -1000                    | -1000    | -1000              | -1000    | -1000                | -1000    | PC freqs     |             |
| Z:X                     | 0:0                | 0:0      | 0:0                      | 0:0      | 0:0                | 0:0      | 0:0                  | 0:0      | PC phase     |             |
| Z:X                     | 0:0                | 0:0      | 0:0                      | 0:0      | 0:0                | 0:0      | 0:0                  | 0:0      | Manl PC      |             |
| Z                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     | PC amp       |             |
| X                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     |              |             |
| Z                       | W00LR              | W01LR    | W02LR                    | W03LR    | W04LR              | W05LR    | W06LR                | W07LR    | Chan ids     |             |
| X                       | W00LL              | W01LL    | W02LL                    | W03LL    | W04LL              | W05LL    | W06LL                | W07LL    | Tracks       |             |
|                         |                    |          |                          |          |                    |          |                      |          | Tracks       |             |
| Group delay (usec)(sbd) | -6.55167888562E+02 |          | Apriori delay (usec)     |          | -6.55096762297E+02 |          | Resid mbdelay (usec) |          | -8.62627E-03 | +/- 2.4E-04 |
| Sband delay (usec)      | -6.55165872297E+02 |          | Apriori clock (usec)     |          | -5.9576645E+00     |          | Resid sbdelay (usec) |          | -6.91100E-02 | +/- 1.9E-03 |
| Phase delay (usec)      | -6.55096761982E+02 |          | Apriori clockrate (us/s) |          | -2.7899999E-07     |          | Resid phdelay (usec) |          | 3.14495E-07  | +/- 4.1E-07 |
| Delay rate (us/s)       | 1.18577393052E-01  |          | Apriori rate (us/s)      |          | 1.18577378924E-01  |          | Resid rate (us/s)    |          | 1.41282E-08  | +/- 9.9E-10 |
| Total phase (deg)       | 332.2              |          | Apriori accel (us/s/s)   |          | 5.36806876678E-06  |          | Resid phase (deg)    |          | 369.8        | +/- 12.7    |

ph/seg (deg) 47.6 30.4 Search (2048X32) 0.168 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 63.6 53.0 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 ph/frq (deg) 17.2 17.9 Inc. seg. avg. 0.211 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 amp/frq (%) 19.5 31.3 Inc. frq. avg. 0.172 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite dr window (ns/s) -0.006 0.006  
 Z: az 324.3 el 19.0 pa 26.2 X: az 316.1 el 20.9 pa 29.4 u,v (fr/asec) -893.625 557.623 simultaneous interpolator  
 Control file: cf\_1234 Input file: /Exps/c172a/v2\_v1\_merge/merged/3mm/1234/No0081/ZX..zztppmm Output file: /Exps/c172a/v2\_v1\_merge/merged/3mm/1234/No0081/ZX.W.248.zztppmm