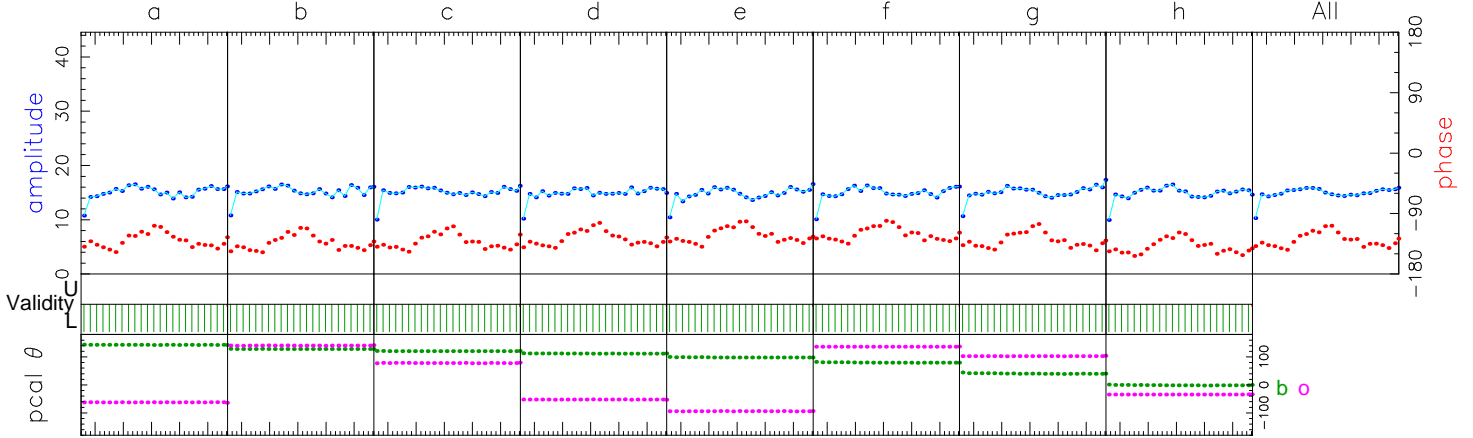


Fringe quality 9  
 SNR 497.5  
 Int time 299.982  
 Amp 14.855  
 Phase -129.6  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.003417  
 MBD 0.003438  
 Fringe rate (Hz) 0.000391  
 Ion TEC 0.000  
 Ref freq (MHz) 86140.0000  
 AP (sec) 1.000  
 Exp. c172a  
 Exper # 16383  
 Yr:day 2017:272  
 Start 075230.00  
 Stop 075730.00  
 FRT 075500.00  
 Corr/FF/build  
 2018:051:094633  
 2018:053:091805  
 2017:188:152524  
 RA & Dec (J2000)  
 03h59m29.7473s  
 +50°57'50.162"

Amp. and Phase vs. time for each freq., 24 segs, 13 APs / seg (13.00 sec / seg.), time ticks 10 sec



|                         | 43024.00           | 43056.00 | 43088.00                 | 43120.00 | 43152.00           | 43184.00 | 43216.00             | 43248.00 | Freq (MHz)   | All         |
|-------------------------|--------------------|----------|--------------------------|----------|--------------------|----------|----------------------|----------|--------------|-------------|
|                         | -130.3             | -133.6   | -132.3                   | -127.4   | -122.7             | -120.8   | -130.1               | -139.3   | Phase        | -129.6      |
|                         | 14.8               | 14.9     | 14.8                     | 14.7     | 14.5               | 14.7     | 14.7                 | 14.6     | Ampl.        | 14.7        |
|                         | 129.4              | 129.4    | 129.5                    | 129.5    | 129.5              | 129.4    | 129.3                | 129.4    | Sbd box      | 129.4       |
| U/L                     | 0/300              | 0/300    | 0/300                    | 0/300    | 0/300              | 0/300    | 0/300                | 0/300    | APs used     |             |
| b                       | -1000              | -1000    | -1000                    | -1000    | -1000              | -1000    | -1000                | -1000    | PC freqs     |             |
| o                       | -1000              | -1000    | -1000                    | -1000    | -1000              | -1000    | -1000                | -1000    | PC freqs     |             |
| b:o                     | 0:0                | 0:0      | 0:0                      | 0:0      | 0:0                | 0:0      | 0:0                  | 0:0      | PC phase     |             |
| b:o                     | 0:0                | 0:0      | 0:0                      | 0:0      | 0:0                | 0:0      | 0:0                  | 0:0      | ManI PC      |             |
| b                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     | PC amp       |             |
| o                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     |              |             |
| b                       | Q00LL              | Q01LL    | Q02LL                    | Q03LL    | Q04LL              | Q05LL    | Q06LL                | Q07LL    | Chan ids     |             |
|                         |                    |          |                          |          |                    |          |                      |          | Tracks       |             |
| o                       | Q00LL              | Q01LL    | Q02LL                    | Q03LL    | Q04LL              | Q05LL    | Q06LL                | Q07LL    | Chan ids     |             |
|                         |                    |          |                          |          |                    |          |                      |          | Tracks       |             |
| Group delay (usec)(sbd) | 1.04591431957E+03  |          | Apriori delay (usec)     |          | 1.04591088182E+03  |          | Resid mbdelay (usec) |          | 3.43775E-03  | +/- 4.4E-06 |
| Sband delay (usec)      | 1.04591429882E+03  |          | Apriori clock (usec)     |          | -1.0613562E+01     |          | Resid sbdelay (usec) |          | 3.41700E-03  | +/- 3.5E-05 |
| Phase delay (usec)      | 1.04591087765E+03  |          | Apriori clockrate (us/s) |          | -3.0339999E-07     |          | Resid phdelay (usec) |          | -4.17801E-06 | +/- 7.4E-09 |
| Delay rate (us/s)       | -8.83880157029E-02 |          | Apriori rate (us/s)      |          | -8.83880202449E-02 |          | Resid rate (us/s)    |          | 4.54202E-09  | +/- 4.3E-11 |
| Total phase (deg)       | 0.1                |          | Apriori accel (us/s/s)   |          | 6.62678502584E-06  |          | Resid phase (deg)    |          | -129.6       | +/- 0.2     |

RMS Theor. Amplitude 14.855 +/- 0.030 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 ph/seg (deg) 10.3 0.6 Search (1024X32) 14.217 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 amp/seg (%) 7.3 1.0 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 ph/frq (deg) 6.4 0.3 Inc. seg. avg. 14.881 Sample rate(MSamp/s): 64 dr window (ns/s) -0.006 0.006  
 amp/frq (%) 1.2 0.6 Inc. frq. avg. 14.711 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite ion window (TEC) 0.00 0.00

b: az 64.6 el 55.9 pa -73.4 o: az 52.2 el 51.0 pa -90.4 u,v (fr/asec) 811.726 1414.989 simultaneous interpolator  
 Control file: cf\_1234 Input file: /Exps/c172a/v2\_v1\_merge/merged/7mm/1234/No0068/bo..zztozj Output file: /Exps/c172a/v2\_v1\_merge/merged/7mm/1234/No0068/bo.Q.21.zztozj