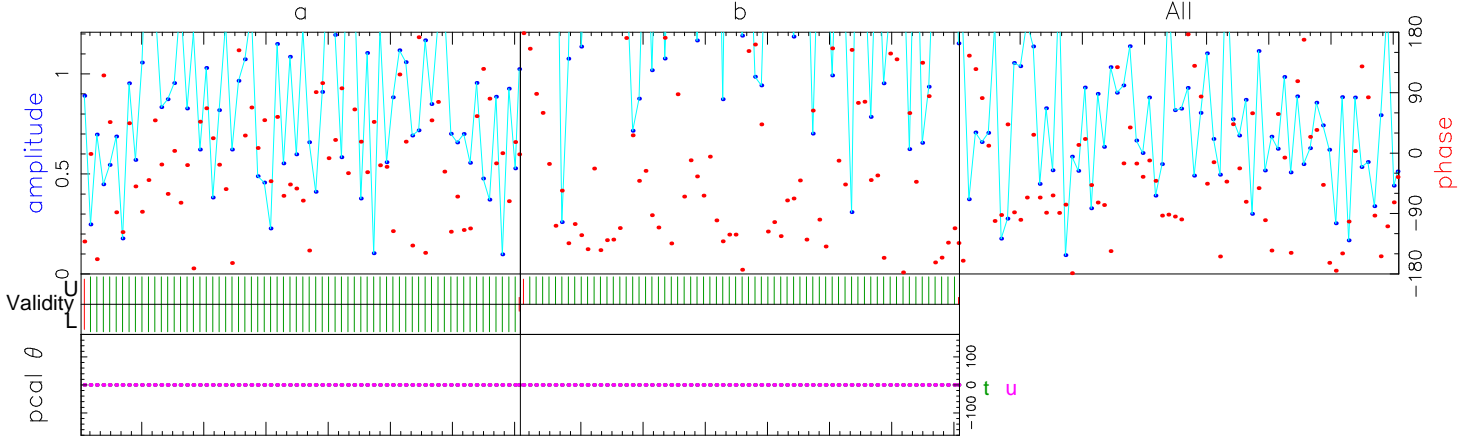


Fringe quality 8  
SNR 9.8  
Int time 418.823  
Amp 0.403  
Phase 25.3  
PFD 8.4e-15  
Delays (us)  
SBD -0.016273  
MBD 0.001495  
Fringe rate (Hz) 0.019378  
Ion TEC 0.000  
Ref freq (MHz) 86140.0000  
AP (sec) 0.512  
Exp. c181c  
Exper # 16383  
Yr:day 2018:105  
Start 083001.51  
Stop 083700.84  
FRT 083331.00  
Corr/FF/build  
2018:288:235604  
2018:312:082035  
2018:249:082454  
RA & Dec (J2000)  
07h21m53.4485s  
+71°20'36.363"

Amp. and Phase vs. time for each freq., 69 segs, 12 APs / seg (6.14 sec / seg.), time ticks 10 sec



|                         |                    |                          |                    |                      |              |     |         |
|-------------------------|--------------------|--------------------------|--------------------|----------------------|--------------|-----|---------|
| 86156.00                | 86220.00           | Freq (MHz)               | All                |                      |              |     |         |
| -11.2                   | -115.3             | Phase                    | -64.7              |                      |              |     |         |
| 0.3                     | 0.6                | Ampl.                    | 0.4                |                      |              |     |         |
| 126.8                   | 127.1              | Sbd box                  | 126.9              |                      |              |     |         |
| U/L 819/819             | 819/0              | APs used                 |                    |                      |              |     |         |
| t 0                     | 0                  | PC freqs                 |                    |                      |              |     |         |
| u 0                     | 0                  | PC freqs                 |                    |                      |              |     |         |
| tu 0:0                  | 0:0                | PC phase                 |                    |                      |              |     |         |
| tu 0:0                  | 0:0                | Manl PC                  |                    |                      |              |     |         |
| t 1000                  | 1000               | PC amp                   |                    |                      |              |     |         |
| u 1000                  | 1000               |                          |                    |                      |              |     |         |
| t W00UL,W00LL           | W01UL              | Chan ids                 |                    |                      |              |     |         |
| u W00UR,W00LR           | W01UR              | Tracks                   |                    |                      |              |     |         |
|                         |                    | Chan ids                 |                    |                      |              |     |         |
|                         |                    | Tracks                   |                    |                      |              |     |         |
| Group delay (usec)(sbd) | -5.47150514893E+02 | Apriori delay (usec)     | -5.47136385097E+02 | Resid mbdelay (usec) | 1.49520E-03  | +/- | 5.1E-04 |
| Sband delay (usec)      | -5.47152658097E+02 | Apriori clock (usec)     | 1.0009851E+01      | Resid sbdelay (usec) | -1.62730E-02 | +/- | 1.1E-03 |
| Phase delay (usec)      | -5.47136387185E+02 | Apriori clockrate (us/s) | 3.6440000E-07      | Resid phdelay (usec) | -2.08749E-06 | +/- | 2.2E-07 |
| Delay rate (us/s)       | 2.17628656392E-02  | Apriori rate (us/s)      | 2.17626406813E-02  | Resid rate (us/s)    | 2.24958E-07  | +/- | 1.6E-09 |
| Total phase (deg)       | -51.2              | Apriori accel (us/s/s)   | -5.04328172869E-07 | Resid phase (deg)    | 25.3         | +/- | 6.8     |

|              |       |                 |       |                |                 |                       |                      |                  |                |                |        |       |
|--------------|-------|-----------------|-------|----------------|-----------------|-----------------------|----------------------|------------------|----------------|----------------|--------|-------|
| ph/seg (deg) | 85.0  | Theor.          | 48.7  | Amplitude      | 0.403 +/- 0.041 | Pcal mode:            | MANUAL, MANUAL       | PC period (AP's) | 5, 5           |                |        |       |
| amp/seg (%)  | 117.1 | Search (2048X8) | 0.388 | Search         | 0.000           | Pcal rate:            | 0.000E+00, 0.000E+00 | us/s)            | sb window (us) | -1.000         | 1.000  |       |
| ph/frq (deg) | 0.0   | Interp.         | 0.000 | Inc. seg. avg. | 0.549           | Bits/sample:          | 2x2                  | SampCntNorm:     | enabled        | mb window (us) | -0.008 | 0.008 |
| amp/frq (%)  | 41.9  | Inc. frq. avg.  | 0.398 | Inc. frq. avg. | 0.398           | Sample rate(MSamp/s): | 64                   | dr window (ns/s) | -0.011         | 0.011          |        |       |
|              |       |                 |       |                |                 | Data rate(Mb/s):      | 384                  | ion window (TEC) | 0.00           | 0.00           |        |       |

t: az 6.9 el 51.3 pa -161.4 u: az 5.8 el 53.8 pa -166.4 u,v (fr/asec) -389.776 -205.487 simultaneous interpolator  
Control file: cf\_1234\_gmva Input file: /Exps/c181c/v2\_pc1/1234/No0140/tu..0D2XW9 Output file: /Exps/c181c/v2\_pc1/1234/No0140/tu.W.11.0D2XW9