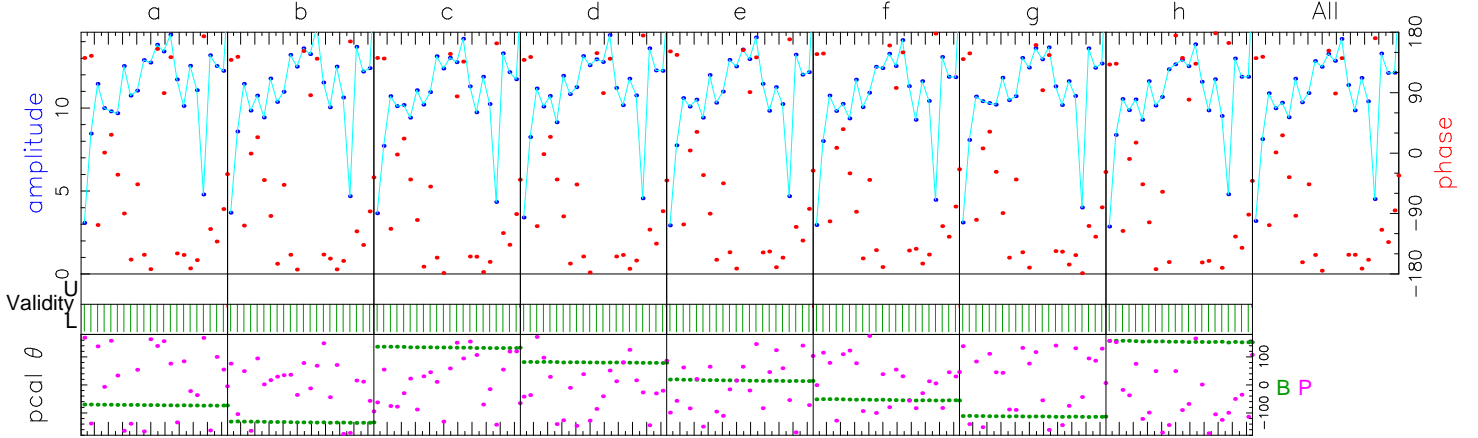


Fringe quality 5

SNR 229.2  
Int time 595.765  
Amp 4.857  
Phase -328.3  
PFD 0.0e+00  
Delays (us)  
SBD 0.026365  
MBD -0.004451  
Fringe rate (Hz)  
-0.011708  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 1.000

Exp. c172c  
Exper # 16383  
Yr:day 2017:273  
Start 170004.00  
Stop 171001.00  
FRT 170501.00  
Corr/FF/build  
2018:020:142057  
2018:073:221038  
2018:058:134248  
RA & Dec (J2000)  
16h42m58.8100s  
+39°48'36.994"

Amp. and Phase vs. time for each freq., 23 segs, 27 APs / seg (27.00 sec / seg.), time ticks 30 sec



|                         | 86156.00           | 86188.00 | 86220.00                 | 86252.00 | 86284.00           | 86316.00 | 86348.00             | 86380.00 | Freq (MHz)   | All         |
|-------------------------|--------------------|----------|--------------------------|----------|--------------------|----------|----------------------|----------|--------------|-------------|
|                         | -147.2             | -150.3   | -153.1                   | -149.4   | -145.2             | -141.8   | -141.3               | -158.1   | Phase        | -148.3      |
|                         | 5.0                | 5.0      | 4.8                      | 4.9      | 4.7                | 4.8      | 4.8                  | 4.7      | Ampl.        | 4.8         |
|                         | 132.2              | 132.3    | 132.5                    | 132.5    | 132.4              | 132.5    | 132.2                | 132.4    | Sbd box      | 132.4       |
| U/L                     | 0/597              | 0/597    | 0/597                    | 0/597    | 0/597              | 0/597    | 0/597                | 0/597    | APs used     |             |
| B                       | -1000              | -1000    | -1000                    | -1000    | -1000              | -1000    | -1000                | -1000    | PC freqs     |             |
| P                       | -1000              | -1000    | -1000                    | -1000    | -1000              | -1000    | -1000                | -1000    | PC freqs     |             |
| B:P                     | 0:0                | 0:0      | 0:0                      | 0:0      | 0:0                | 0:0      | 0:0                  | 0:0      | PC phase     |             |
| B:P                     | 0:0                | 0:0      | 0:0                      | 0:0      | 0:0                | 0:0      | 0:0                  | 0:0      | Manl PC      |             |
| B                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     | PC amp       |             |
| P                       | 1000               | 1000     | 1000                     | 1000     | 1000               | 1000     | 1000                 | 1000     |              |             |
| B                       | W00LL              | W01LL    | W02LL                    | W03LL    | W04LL              | W05LL    | W06LL                | W07LL    | Chan ids     |             |
| P                       | W00LL              | W01LL    | W02LL                    | W03LL    | W04LL              | W05LL    | W06LL                | W07LL    | Tracks       |             |
|                         |                    |          |                          |          |                    |          |                      |          | Chan ids     |             |
|                         |                    |          |                          |          |                    |          |                      |          | Tracks       |             |
| Group delay (usec)(sbd) | -8.13402504343E+02 |          | Apriori delay (usec)     |          | -8.13429302881E+02 |          | Resid mbdelay (usec) |          | -4.45146E-03 | +/- 9.5E-06 |
| Sband delay (usec)      | -8.13402937881E+02 |          | Apriori clock (usec)     |          | 2.6495789E+01      |          | Resid sbdelay (usec) |          | 2.63650E-02  | +/- 7.5E-05 |
| Phase delay (usec)      | -8.13429307662E+02 |          | Apriori clockrate (us/s) |          | -1.1000000E-06     |          | Resid phdelay (usec) |          | -4.78151E-06 | +/- 1.6E-08 |
| Delay rate (us/s)       | -9.13594234906E-02 |          | Apriori rate (us/s)      |          | -9.13592875752E-02 |          | Resid rate (us/s)    |          | -1.35915E-07 | +/- 4.7E-11 |
| Total phase (deg)       |                    |          | Apriori accel (us/s/s)   |          | 1.66724058243E-05  |          | Resid phase (deg)    |          | -328.3       | +/- 0.5     |

ph/seg (deg) 74.8 1.2 Theor. Amplitude 4.857 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 133.0 2.1 Search (2048X32) 4.651 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 ph/frq (deg) 6.1 0.7 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 amp/frq (%) 2.4 1.2 Inc. seg. avg. 10.764 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite dr window (ns/s) -0.006 0.006  
 Inc. frq. avg. 4.817 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite ion window (TEC) 0.00 0.00

B: az 241.3 el 72.0 pa 46.5 P: az 291.7 el 81.5 pa 104.3 u,v (fr/asec) 722.786 2230.293 simultaneous interpolator  
 Control file: cf\_1234 Input file: /Exps/c172c/v3\_v1\_merge/1234/No0174/BP..00JTJX Output file: /Exps/c172c/v3\_v1\_merge/1234/No0174/BP.W.17.00JTJX