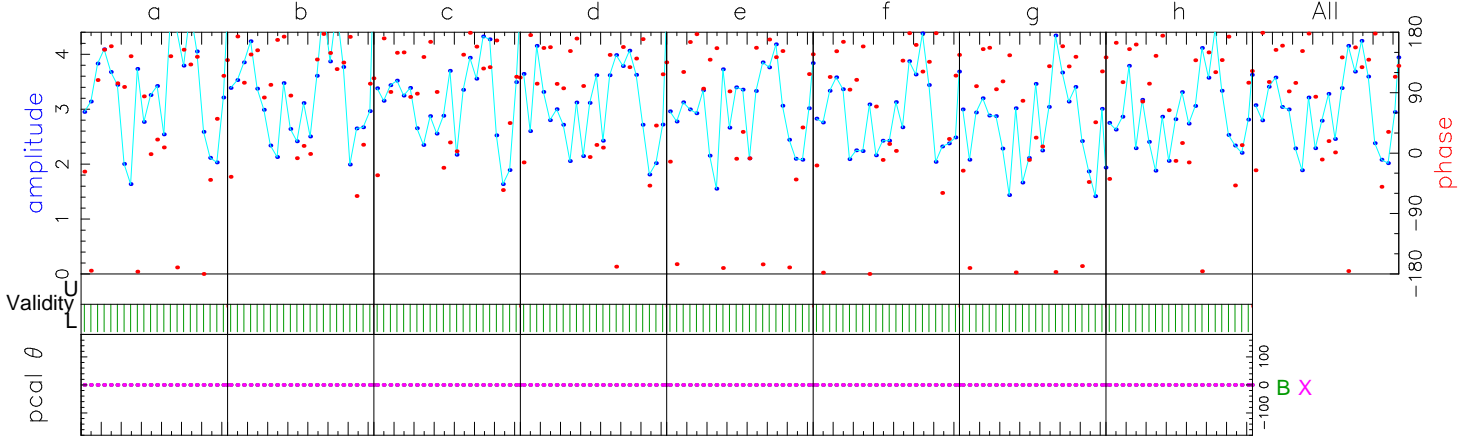


Amp. and Phase vs. time for each freq., 23 segs, 38 APs / seg (19.00 sec / seg.), time ticks 30 sec



|                         | 86156.00 | 86188.00           | 86220.00 | 86252.00                 | 86284.00           | 86316.00 | 86348.00             | 86380.00    | Freq (MHz) | All     |
|-------------------------|----------|--------------------|----------|--------------------------|--------------------|----------|----------------------|-------------|------------|---------|
| U/L                     | 0/840    | 0/840              | 0/840    | 0/840                    | 0/840              | 0/840    | 0/840                | 0/840       | APs used   |         |
| B                       | -1000    | -1000              | -1000    | -1000                    | -1000              | -1000    | -1000                | -1000       | PC freqs   |         |
| X                       | -1000    | -1000              | -1000    | -1000                    | -1000              | -1000    | -1000                | -1000       | PC phase   |         |
| B:X                     | 0:0      | 0:0                | 0:0      | 0:0                      | 0:0                | 0:0      | 0:0                  | 0:0         | ManI PC    |         |
| B:X                     | 0:0      | 0:0                | 0:0      | 0:0                      | 0:0                | 0:0      | 0:0                  | 0:0         | PC amp     |         |
| B                       | 1000     | 1000               | 1000     | 1000                     | 1000               | 1000     | 1000                 | 1000        | Chan ids   |         |
| X                       | 1000     | 1000               | 1000     | 1000                     | 1000               | 1000     | 1000                 | 1000        | Tracks     |         |
| B                       | W00LL    | W01LL              | W02LL    | W03LL                    | W04LL              | W05LL    | W06LL                | W07LL       | Chan ids   |         |
| X                       | W00LR    | W01LR              | W02LR    | W03LR                    | W04LR              | W05LR    | W06LR                | W07LR       | Tracks     |         |
| Group delay (usec)(sbd) |          | 1.65778066013E+03  |          | Apriori delay (usec)     | 1.65777871324E+03  |          | Resid mbdelay (usec) | 1.94689E-03 | +/-        | 3.7E-05 |
| Sband delay (usec)      |          | 1.65778017424E+03  |          | Apriori clock (usec)     | 1.2485620E+01      |          | Resid sbdelay (usec) | 1.46100E-03 | +/-        | 3.0E-04 |
| Phase delay (usec)      |          | 1.65777871740E+03  |          | Apriori clockrate (us/s) | -5.6999999E-07     |          | Resid phdelay (usec) | 4.15646E-06 | +/-        | 6.4E-08 |
| Delay rate (us/s)       |          | -6.39632382791E-02 |          | Apriori rate (us/s)      | -6.39632824137E-02 |          | Resid rate (us/s)    | 4.41345E-08 | +/-        | 2.6E-10 |
| Total phase (deg)       |          |                    | 258.0    | Apriori accel (us/s/s)   | -1.09782857505E-05 |          | Resid phase (deg)    | 128.9       | +/-        | 2.0     |

ph/seg (deg) 77.1 4.7 Search (2048X32) 1.457 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 112.6 8.2 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 ph/frq (deg) 6.9 2.8 Inc. seg. avg. 2.976 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 amp/frq (%) 10.5 4.9 Inc. frq. avg. 1.469 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite dr window (ns/s) -0.012 0.012  
 B: az 245.7 el 38.8 pa 37.1 X: az 246.1 el 33.3 pa 30.9 u,v (fr/asec) 367.342 -853.996 simultaneous interpolator  
 Control file: cf\_1234\_gmva Input file: /Exps/c181e/v2/1234/No0041/BX..09M3RW Output file: /Exps/c181e/v2/1234/No0041/BX.W.51.09M3RW