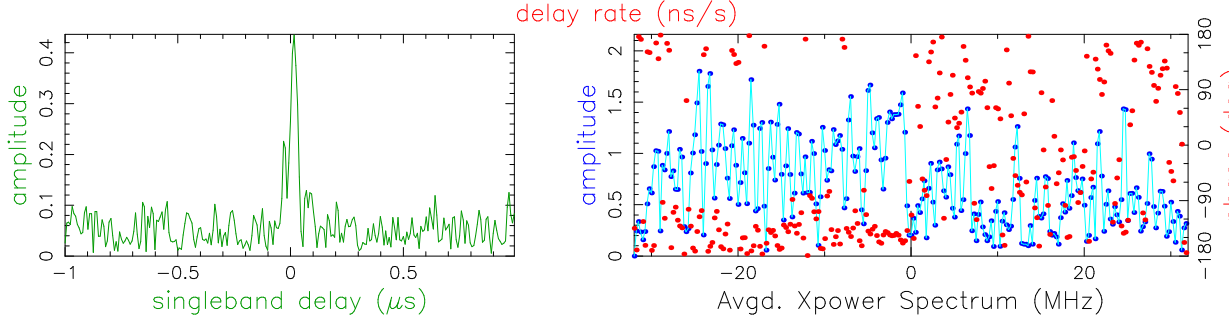
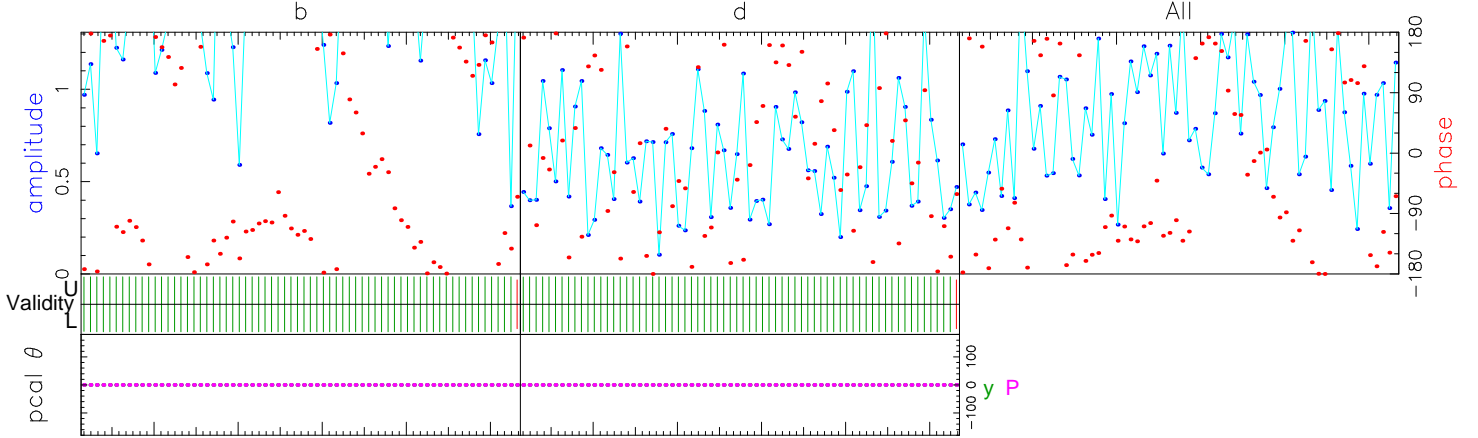


Fringe quality 8  
 SNR 10.5  
 Int time 311.689  
 Amp 0.437  
 Phase -237.5  
 PFD 3.2e-18  
 Delays (us)  
 SBD 0.014216  
 MBD -0.000137  
 Fringe rate (Hz)  
 -0.002834  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 0.512  
 Exp. c182b  
 Exper # 16383  
 Yr:day 2018:272  
 Start 214707.98  
 Stop 215220.80  
 FRT 214841.00  
 Corr/FF/build  
 2019:044:025906  
 2019:046:033101  
 2018:249:082454  
 RA & Dec (J2000)  
 07h21m53.4485s  
 +71°20'36.363"



Amp. and Phase vs. time for each freq., 68 segs, 9 APs / seg (4.61 sec / seg.), time ticks 5 sec



|                         |                    |                          |                    |                      |                          |
|-------------------------|--------------------|--------------------------|--------------------|----------------------|--------------------------|
| 86156.00                |                    | 86220.00                 |                    | Freq (MHz)           | All                      |
| -146.8                  |                    | -157.5                   |                    | Phase                | -147.5                   |
| 0.8                     |                    | 0.1                      |                    | Ampl.                | 0.4                      |
| 131.0                   |                    | 125.4                    |                    | Sbd box              | 130.8                    |
| U/L 611/611             |                    | 611/611                  |                    | APs used             |                          |
| y 0                     |                    | 0                        |                    | PC freqs             |                          |
| P 1000                  |                    | 1000                     |                    | PC freqs             |                          |
| y:P 0:0                 |                    | 0:0                      |                    | PC phase             |                          |
| y:P 0:0                 |                    | 0:0                      |                    | Manl PC              |                          |
| y 1000                  |                    | 1000                     |                    | PC amp               |                          |
| P 1000                  |                    | 1000                     |                    |                      |                          |
| y W01UL,W01LL           |                    | W03UL,W03LL              |                    | Chan ids             |                          |
| P W01UL,W01LL           |                    | W03UL,W03LL              |                    | Tracks               |                          |
|                         |                    |                          |                    | Chan ids             |                          |
|                         |                    |                          |                    | Tracks               |                          |
| Group delay (usec)(sbd) | 9.59925938682E+03  | Apriori delay (usec)     | 9.59924389877E+03  | Resid mbdelay (usec) | -1.36956E-04 +/- 4.7E-04 |
| Sband delay (usec)      | 9.59925811427E+03  | Apriori clock (usec)     | 1.8958168E+01      | Resid sbdelay (usec) | 1.42155E-02 +/- 8.2E-04  |
| Phase delay (usec)      | 9.59924389402E+03  | Apriori clockrate (us/s) | 1.9580001E-07      | Resid phdelay (usec) | -4.75651E-06 +/- 1.8E-07 |
| Delay rate (us/s)       | -2.06036108923E-01 | Apriori rate (us/s)      | -2.06036076024E-01 | Resid rate (us/s)    | -3.28990E-08 +/- 1.9E-09 |
| Total phase (deg)       | -79.0              | Apriori accel (us/s/s)   | -5.02315369929E-05 | Resid phase (deg)    | -237.5 +/- 5.4           |

|                             |       |   |       |  |                     |                       |                      |                  |                |                  |                           |
|-----------------------------|-------|---|-------|--|---------------------|-----------------------|----------------------|------------------|----------------|------------------|---------------------------|
| ph/seg (deg)                | 67.3  | Theor.  | 44.8  | Amplitude  | 0.437 +/- 0.041     | Pcal mode:            | MANUAL, MANUAL       | PC period (AP's) | 5, 5           |                  |                           |
| amp/seg (%)                 | 122.4 | Search (2048X8)                                   | 0.435 | 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.   | 0.654               | Bits/sample:          | 2x2                  | SampCntNorm:     | enabled        | mb window (us)   | -0.008 0.008              |
| amp/frq (%)                 | 87.3  | Inc. frq. avg.                                    | 0.431 | Inc. frq. avg.   | 0.431               | Sample rate(MSamp/s): | 64                   | dr window (ns/s) | -0.011 0.011   | ion window (TEC) | 0.00 0.00                 |
| y: az 5.4 el 55.9 pa -167.9 |       | P: az 12.9 el 22.1 pa -35.0                       |       | u,v (fr/asec)  | 3489.725 -11688.016 | Data rate(Mb/s):      | 512                  | nlags:           | 128            | t_cohere         | infinite                  |
| Control file: cf_1234_gmva  |       | Input file: /Exps/c182b/v1/1234/No0205/yP..016GRH |       | Output file: /Exps/c182b/v1/1234/No0205/yP.W.85.016GRH |                     |                       |                      |                  |                |                  | simultaneous interpolator |