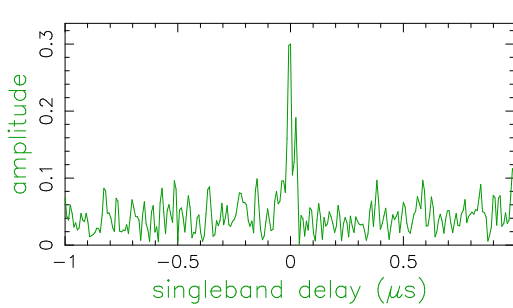
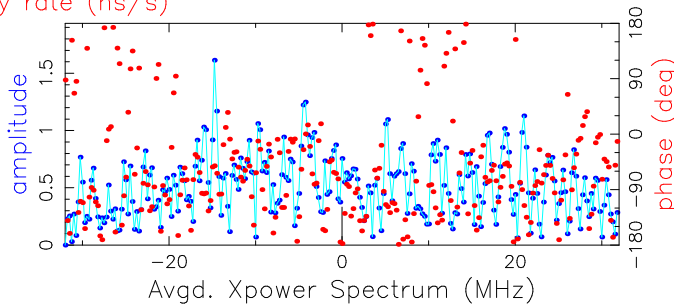


Fringe quality 9

SNR 9.3  
Int time 418.990  
Amp 0.331  
Phase -84.4  
PFD 1.0e-12  
Delays (us)  
SBD -0.003768  
MBD -0.001934  
Fringe rate (Hz)  
0.008169  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.500



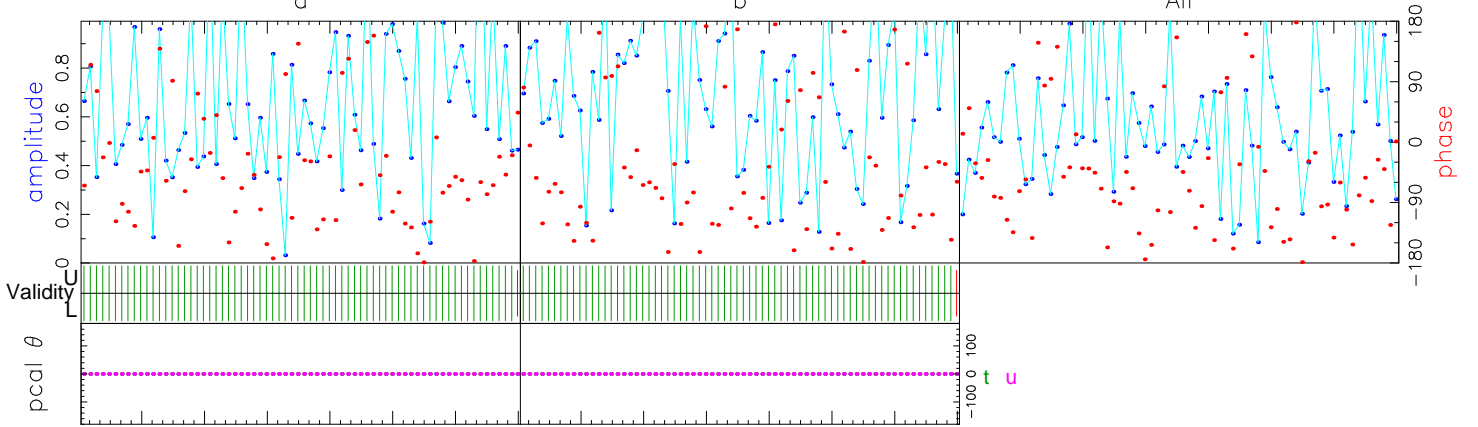
delay rate (ns/s)



Exp. c181e  
Exper # 16383  
Yr:day 2018:106  
Start 161502.00  
Stop 162201.00  
FRT 161831.00  
Corr/FF/build  
2018:244:104340  
2018:244:164132  
2018:095:094034  
RA & Dec (J2000)  
07h21m53.4485s  
+71°20'36.363"

Amp. and Phase vs. time for each freq., 70 segs, 12 APs / seg (6.00 sec / seg.), time ticks 10 sec

a b All



|               |  |             |  |          |  |          |  |
|---------------|--|-------------|--|----------|--|----------|--|
| 86156.00      |  | 86220.00    |  | 86156.00 |  | 86220.00 |  |
| -67.9         |  | -99.9       |  | 86156.00 |  | 86220.00 |  |
| 0.3           |  | 0.3         |  | 86156.00 |  | 86220.00 |  |
| 128.3         |  | 128.6       |  | 86156.00 |  | 86220.00 |  |
| U/L 838/838   |  | 838/838     |  | 86156.00 |  | 86220.00 |  |
| t 0           |  | 0           |  | 86156.00 |  | 86220.00 |  |
| u 0           |  | 0           |  | 86156.00 |  | 86220.00 |  |
| t:u 0:0       |  | 0:0         |  | 86156.00 |  | 86220.00 |  |
| t:u 0:0       |  | 0:0         |  | 86156.00 |  | 86220.00 |  |
| t 1000        |  | 1000        |  | 86156.00 |  | 86220.00 |  |
| u 1000        |  | 1000        |  | 86156.00 |  | 86220.00 |  |
| t W00UL,W00LL |  | W01UL,W01LL |  | 86156.00 |  | 86220.00 |  |
| u W00UL,W00LL |  | W01UL,W01LL |  | 86156.00 |  | 86220.00 |  |

|                         |                    |                          |                    |                      |              |     |         |
|-------------------------|--------------------|--------------------------|--------------------|----------------------|--------------|-----|---------|
| Group delay (usec)(sbd) | -4.21232633570E+02 | Apriori delay (usec)     | -4.21230699377E+02 | Resid mbdelay (usec) | -1.93419E-03 | +/- | 5.4E-04 |
| Sband delay (usec)      | -4.21234467377E+02 | Apriori clock (usec)     | 1.0047212E+01      | Resid sbdelay (usec) | -3.76800E-03 | +/- | 9.3E-04 |
| Phase delay (usec)      | -4.21230702100E+02 | Apriori clockrate (us/s) | 3.6440000E-07      | Resid phdelay (usec) | -2.72283E-06 | +/- | 2.0E-07 |
| Delay rate (us/s)       | -1.61982078054E-02 | Apriori rate (us/s)      | -1.61983026416E-02 | Resid rate (us/s)    | 9.48362E-08  | +/- | 1.6E-09 |
| Total phase (deg)       | -244.4             | Apriori accel (us/s/s)   | -1.17364595178E-06 | Resid phase (deg)    | -84.4        | +/- | 6.2     |

RMS 75.6 Theor. 51.8 Amplitude 0.331 +/- 0.036 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 ph/seg (deg) 75.6 51.8 Search (2048X8) 0.307 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 amp/seg (%) 111.6 90.3 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008  
 ph/frq (deg) 0.0 8.7 Inc. seg. avg. 0.412 Sample rate(MSamp/s): 64 dr window (ns/s) -0.012 0.012  
 amp/frq (%) 6.5 15.3 Inc. frq. avg. 0.308 Data rate(Mb/s): 512 nlags: 128 t\_cohere infinite ion window (TEC) 0.00 0.00  
 t: az 339.5 el 27.1 pa 67.3 u: az 339.5 el 28.5 pa 62.2 u,v (fr/asec) 285.698 -368.532 simultaneous interpolator  
 Control file: cf\_1234\_gmva Input file: /Exps/c181e/v2/1234/No0077/tu..09MD8I Output file: /Exps/c181e/v2/1234/No0077/tu.W.37.09MD8I