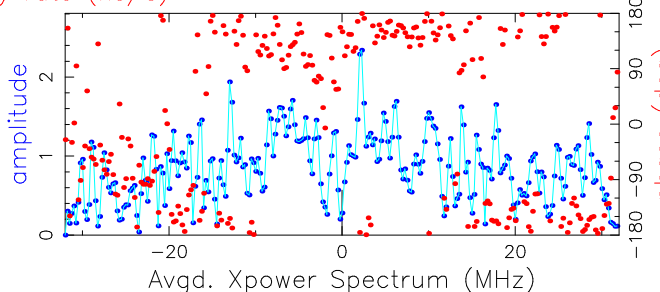
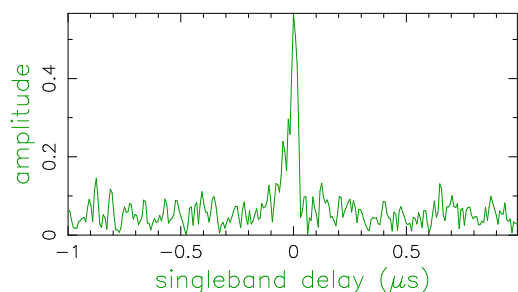


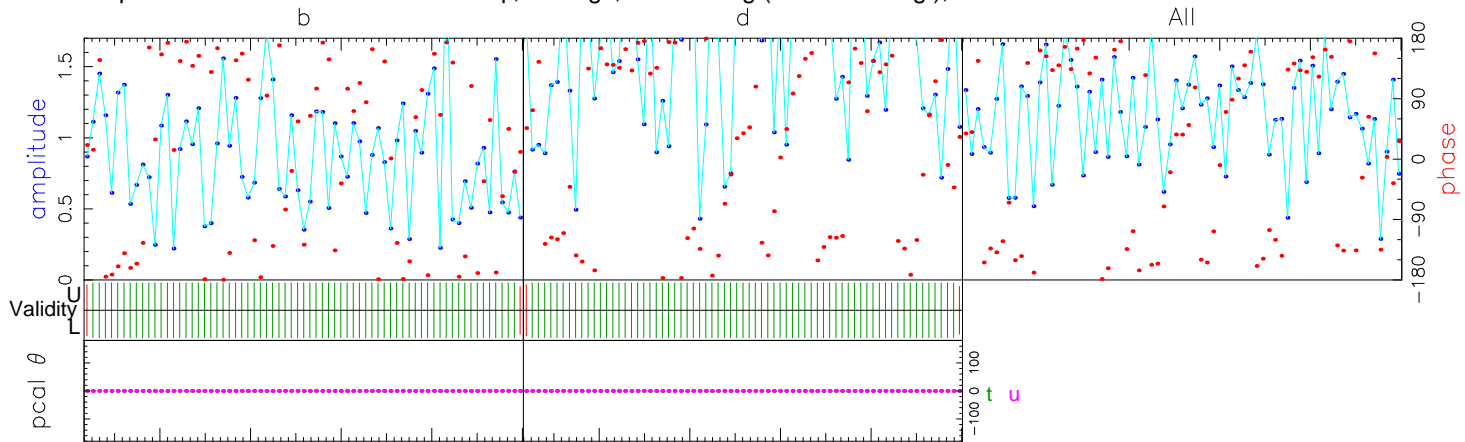
Fringe quality 9

SNR 13.2  
Int time 289.980  
Amp 0.567  
Phase 171.7  
PFD 6.2e-32  
Delays (us)  
SBD 0.001544  
MBD -0.002407  
Fringe rate (Hz)  
-0.001203  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512



Exp. c182a  
Exper # 16383  
Yr:day 2018:271  
Start 141009.73  
Stop 141500.03  
FRT 141230.00  
Corr/FF/build  
2019:039:194515  
2019:046:181521  
2018:249:082454  
RA & Dec (J2000)  
03h19m48.1601s  
+41°30'42.104"

Amp. and Phase vs. time for each freq., 71 segs, 8 APs / seg (4.10 sec / seg.), time ticks 5 sec



|                         |                    |                          |                    |                      |              |     |         |
|-------------------------|--------------------|--------------------------|--------------------|----------------------|--------------|-----|---------|
| 86156.00                | 86220.00           | Freq (MHz)               | All                |                      |              |     |         |
| 165.4                   | 175.9              | Phase                    | 171.7              |                      |              |     |         |
| 0.5                     | 0.7                | Ampl.                    | 0.6                |                      |              |     |         |
| 126.5                   | 130.1              | Sbd box                  | 129.2              |                      |              |     |         |
| U/L 567/567             | 567/567            | APs used                 |                    |                      |              |     |         |
| t 0                     | 0                  | PC freqs                 |                    |                      |              |     |         |
| u 0                     | 0                  | PC freqs                 |                    |                      |              |     |         |
| t:u 0:0                 | 0:0                | PC phase                 |                    |                      |              |     |         |
| t:u 0:0                 | 0:0                | ManI PC                  |                    |                      |              |     |         |
| t 1000                  | 1000               | PC amp                   |                    |                      |              |     |         |
| u 1000                  | 1000               |                          |                    |                      |              |     |         |
| t W01UR,W01LR           | W03UR,W03LR        | Chan ids                 |                    |                      |              |     |         |
| u W01UL,W01LL           | W03UL,W03LL        | Tracks                   |                    |                      |              |     |         |
|                         |                    | Chan ids                 |                    |                      |              |     |         |
|                         |                    | Tracks                   |                    |                      |              |     |         |
| Group delay (usec)(sbd) | -8.22629570682E+02 | Apriori delay (usec)     | -8.22627163256E+02 | Resid mbdelay (usec) | -2.40743E-03 | +/- | 3.8E-04 |
| Sband delay (usec)      | -8.22625619256E+02 | Apriori clock (usec)     | 3.2926857E+01      | Resid sbdelay (usec) | 1.54400E-03  | +/- | 6.5E-04 |
| Phase delay (usec)      | -8.22627157718E+02 | Apriori clockrate (us/s) | 3.6440000E-07      | Resid phdelay (usec) | 5.53813E-06  | +/- | 1.4E-07 |
| Delay rate (us/s)       | 4.46791608451E-02  | Apriori rate (us/s)      | 4.46791748079E-02  | Resid rate (us/s)    | -1.39628E-08 | +/- | 1.7E-09 |
| Total phase (deg)       | -131.7             | Apriori accel (us/s/s)   | 2.12060607416E-06  | Resid phase (deg)    | 171.7        | +/- | 4.3     |

|              |       |                 |       |                |                 |                       |                      |                  |              |
|--------------|-------|-----------------|-------|----------------|-----------------|-----------------------|----------------------|------------------|--------------|
| ph/seg (deg) | 74.4  | Theor.          | 36.6  | Amplitude      | 0.567 +/- 0.043 | Pcal mode:            | MANUAL, MANUAL       | PC period (AP's) | 5, 5         |
| amp/seg (%)  | 121.2 | Search (2048X8) | 0.561 | Search         | 0.000           | Pcal rate:            | 0.000E+00, 0.000E+00 | (us/s)           |              |
| ph/frq (deg) | 0.0   | Interp.         | 0.000 | Inc. seg. avg. | 0.966           | Bits/sample:          | 2x2                  | SampCntNorm:     | enabled      |
| amp/frq (%)  | 20.0  | Inc. frq. avg.  | 0.562 | Inc. frq. avg. | 0.562           | Sample rate(MSamp/s): | 64                   | mb window (us)   | -1.000 1.000 |
|              |       |                 |       |                |                 | Data rate(Mb/s):      | 512                  | dr window (ns/s) | -0.011 0.011 |
|              |       |                 |       |                |                 | nlags:                | 128                  | ion window (TEC) | 0.00 0.00    |

t: az 60.9 el 39.7 pa -77.2 u: az 63.2 el 42.8 pa -76.5 u,v (fr/asec) -339.453 -65.437 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/c182a/v1/1234/No0118/tu..017MKW Output file: /Exps/c182a/v1/1234/No0118/tu.W.134.017MKW