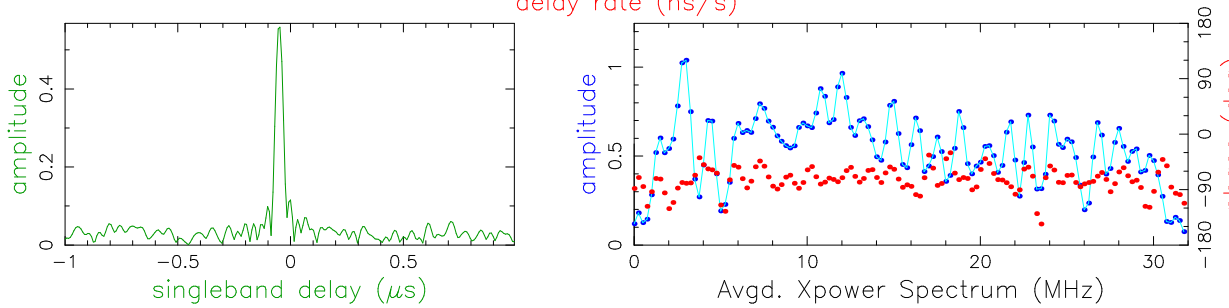


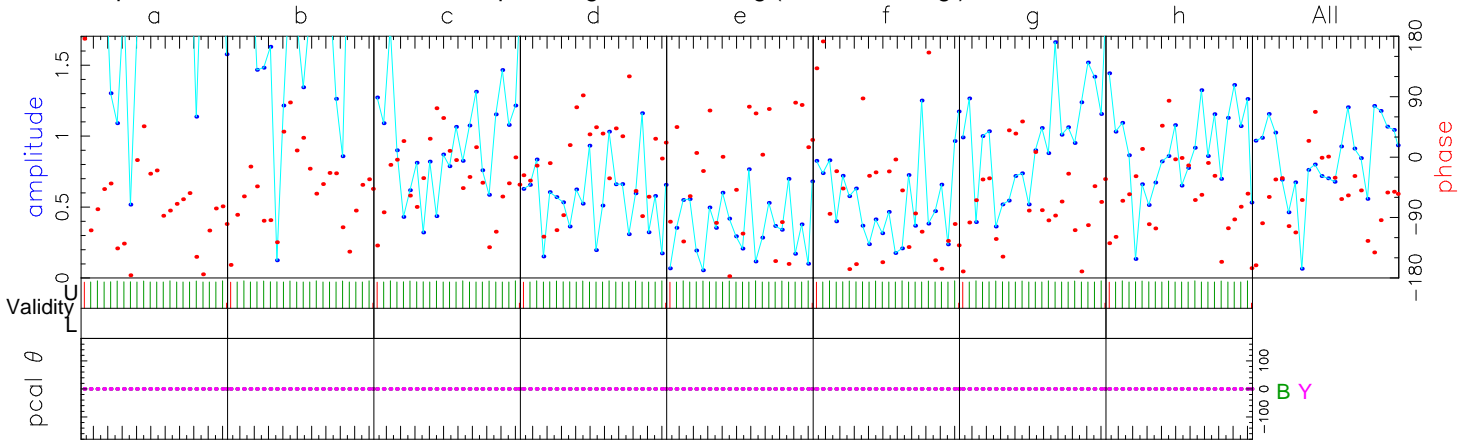
Fringe quality 5

SNR 26.3  
 Int time 571.881  
 Amp 0.568  
 Phase -60.2  
 PFD 0.0e+00  
 Delays (us)  
 SBD -0.050432  
 MBD 0.010170  
 Fringe rate (Hz)  
 0.001296  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 0.512



Exp. c182b  
 Exper # 16383  
 Yr:day 2018:271  
 Start 082008.19  
 Stop 083000.06  
 FRT 082500.00  
 Corr/FF/build  
 2019:042:152706  
 2019:046:005153  
 2018:249:082454  
 RA & Dec (J2000)  
 10h58m29.6052s  
 +1°33'58.824"

Amp. and Phase vs. time for each freq., 23 segs, 52 APs / seg (26.62 sec / seg.), time ticks 30 sec



|            |          |          |          |          |          |          |          |            |       |
|------------|----------|----------|----------|----------|----------|----------|----------|------------|-------|
| 86124.00   | 86156.00 | 86188.00 | 86220.00 | 86252.00 | 86284.00 | 86316.00 | 86348.00 | Freq (MHz) | All   |
| -80.4      | -48.1    | -30.6    | -8.3     | 11.2     | -121.7   | -71.4    | -60.8    | Phase      | -60.2 |
| 1.4        | 1.1      | 0.6      | 0.3      | 0.0      | 0.3      | 0.6      | 0.6      | Ampl.      | 0.6   |
| 122.5      | 122.7    | 122.6    | 121.8    | 126.7    | 123.2    | 122.7    | 122.4    | Sbd box    | 122.5 |
| U/L 1142/0 | 1142/0   | 1142/0   | 1142/0   | 1142/0   | 1142/0   | 1142/0   | 1142/0   | APs used   |       |
| B 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | PC freqs   |       |
| Y 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | PC freqs   |       |
| B:Y 0:0    | 0:0      | 0:0      | 0:0      | 0:0      | 0:0      | 0:0      | 0:0      | PC phase   |       |
| B:Y 0:0    | 0:0      | 0:0      | 0:0      | 0:0      | 0:0      | 0:0      | 0:0      | ManI PC    |       |
| B 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | PC amp     |       |
| Y 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | 1000     | 1000     |            |       |
| B W00UR    | W01UR    | W02UR    | W03UR    | W04UR    | W05UR    | W06UR    | W07UR    | Chan ids   |       |
|            |          |          |          |          |          |          |          | Tracks     |       |
| Y W00UL    | W01UL    | W02UL    | W03UL    | W04UL    | W05UL    | W06UL    | W07UL    | Chan ids   |       |
|            |          |          |          |          |          |          |          | Tracks     |       |

|                         |                    |                          |                    |                      |              |     |         |
|-------------------------|--------------------|--------------------------|--------------------|----------------------|--------------|-----|---------|
| Group delay (usec)(sbd) | -9.25022928888E+02 | Apriori delay (usec)     | -9.24970599355E+02 | Resid mbdelay (usec) | 1.01705E-02  | +/- | 8.3E-05 |
| Sband delay (usec)      | -9.25021031855E+02 | Apriori clock (usec)     | 1.8699257E+01      | Resid sbdelay (usec) | -5.04325E-02 | +/- | 6.6E-04 |
| Phase delay (usec)      | -9.24970601295E+02 | Apriori clockrate (us/s) | -4.1400000E-07     | Resid phdelay (usec) | -1.94057E-06 | +/- | 1.4E-07 |
| Delay rate (us/s)       | -2.58752615968E-01 | Apriori rate (us/s)      | -2.58752631014E-01 | Resid rate (us/s)    | 1.50459E-08  | +/- | 4.2E-10 |
| Total phase (deg)       | -214.4             | Apriori accel (us/s/s)   | 5.37139245839E-06  | Resid phase (deg)    | -60.2        | +/- | 4.4     |

|              |      |                  |       |                |                 |                       |                             |                  |              |
|--------------|------|------------------|-------|----------------|-----------------|-----------------------|-----------------------------|------------------|--------------|
| ph/seg (deg) | 53.0 | Theor.           | 10.4  | Amplitude      | 0.568 +/- 0.022 | Pcal mode:            | MANUAL, MANUAL              | PC period (AP's) | 5, 5         |
| amp/seg (%)  | 68.2 | Search (4096X32) | 0.541 | Search         | 0.000           | Pcal rate:            | 0.000E+00, 0.000E+00 (us/s) | sb window (us)   | -1.000 1.000 |
| ph/frq (deg) | 46.8 | Interp.          | 0.000 | Inc. seg. avg. | 0.834           | Bits/sample:          | 2x2                         | SampCntNorm:     | enabled      |
| amp/frq (%)  | 75.2 | Inc. frq. avg.   | 0.617 | Inc. frq. avg. | 0.617           | Sample rate(MSamp/s): | 64                          | mb window (us)   | -0.016 0.016 |
|              |      |                  |       |                |                 | Data rate(Mb/s):      | 1024                        | dr window (ns/s) | -0.011 0.011 |
|              |      |                  |       |                |                 | nlags:                | 128                         | ion window (TEC) | 0.00 0.00    |

B: az 147.2 el 36.3 pa -20.2 Y: az 130.9 el 39.2 pa -34.5 u,v (fr/asec) 1490.671 1093.142 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/c182b/v1/1234/No0002/BY..016CLY Output file: /Exps/c182b/v1/1234/No0002/BY.W.33.016CLY