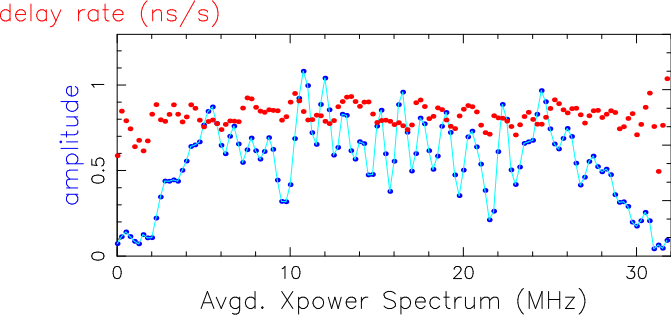
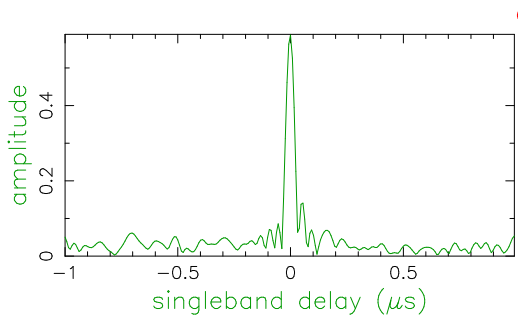


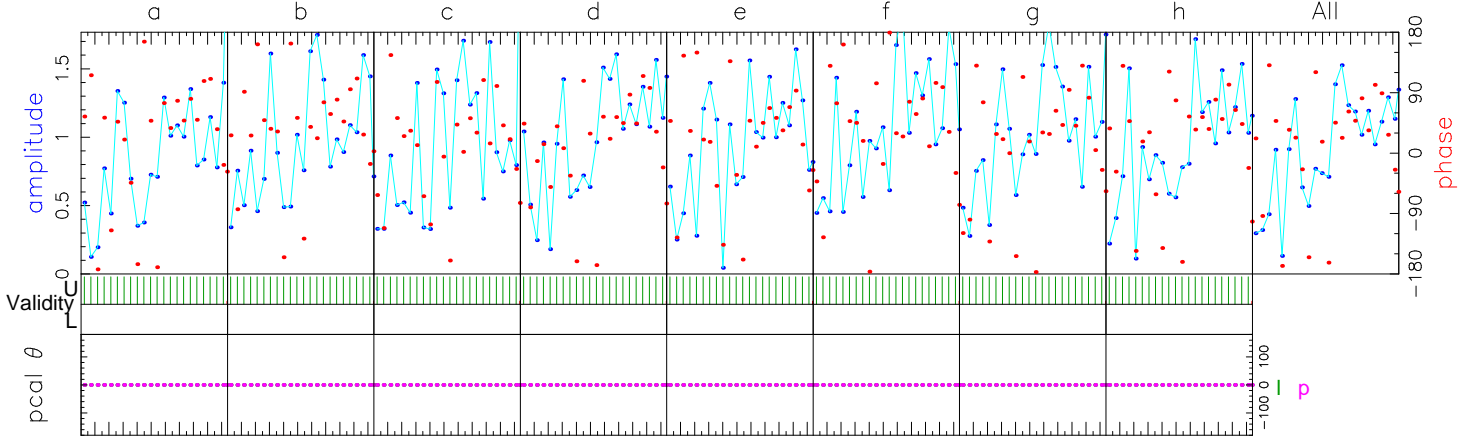
Fringe quality 7

SNR 27.9
Int time 319.960
Amp 0.589
Phase 45.3
PFD 0.0e+00
Delays (us)
SBD -0.001696
MBD -0.001058
Fringe rate (Hz) 0.000078
Ion TEC 0.000
Ref freq (MHz) 86140.0000
AP (sec) 0.512

Exp. c181d
Exper # 16383
Yr:day 2018:105
Start 201501.00
Stop 202501.06
FRT 202001.00
Corr/FF/build
2018:288:134436
2018:312:153544
2018:249:082454
RA & Dec (J2000)
22h02m43.2914s
+42°16'39.980"



Amp. and Phase vs. time for each freq., 23 segs, 53 APs / seg (27.14 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 | | | | |
|-------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------|--------------------|----------------------|--------------|-----|---------|
| U/L | 1172/0 | 1172/0 | 1172/0 | 1172/0 | 1172/0 | 1172/0 | 1172/0 | 1172/0 | | | | | | |
| l | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | APs used | | | | | |
| p | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC freqs | | | | | |
| l:p | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | PC phase | | | | | |
| l:p | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | Manl PC | | | | | |
| l | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC amp | | | | | |
| p | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | | | | | |
| l | W00UL | W01UL,W01LL | W02UL,W02LL | W03UL,W03LL | W04UL,W04LL | W05UL,W05LL | W06UL,W06LL | W07UL,W07LL | Chan ids | | | | | |
| p | W00UL | W01UL,W01LL | W02UL,W02LL | W03UL,W03LL | W04UL,W04LL | W05UL,W05LL | W06UL,W06LL | W07UL,W07LL | Tracks | | | | | |
| | | | | | | | | | Chan ids | | | | | |
| | | | | | | | | | Tracks | | | | | |
| Group delay (usec)(sbd) | -1.89654897810E+02 | | | | | | | | Apriori delay (usec) | -1.89653839873E+02 | Resid mbdelay (usec) | -1.05794E-03 | +/- | 7.8E-05 |
| Sband delay (usec) | -1.89655535873E+02 | | | | | | | | Apriori clock (usec) | -1.5920867E+01 | Resid sbdelay (usec) | -1.69600E-03 | +/- | 6.2E-04 |
| Phase delay (usec) | -1.89653838411E+02 | | | | | | | | Apriori clockrate (us/s) | -6.2200001E-07 | Resid phdelay (usec) | 1.46199E-06 | +/- | 1.3E-07 |
| Delay rate (us/s) | 5.94586499108E-03 | | | | | | | | Apriori rate (us/s) | 5.94586408413E-03 | Resid rate (us/s) | 9.06954E-10 | +/- | 7.2E-10 |
| Total phase (deg) | | | -230.7 | | | | | | Apriori accel (us/s/s) | 2.52187538745E-06 | Resid phase (deg) | 45.3 | +/- | 4.1 |

ph/seg (deg) 74.5 9.8 Theor. Amplitude 0.589 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 82.6 17.2 Search (4096X32) 0.585 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 ph/frq (deg) 8.1 5.8 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 amp/frq (%) 6.8 10.1 Inc. seg. avg. 0.884 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.011 0.011
 l: az 300.0 el 36.6 pa 71.4 p: az 300.4 el 37.2 pa 73.9 u,v (fr/asec) -38.662 319.036 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0010/lp..0D451T Output file: /Exps/c181d/v2_pc1/1234/No0010/lp.W.69.0D451T