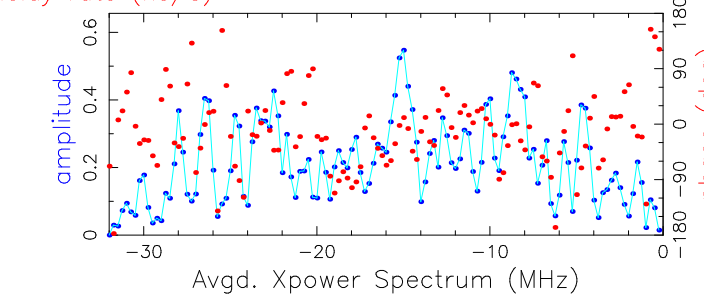
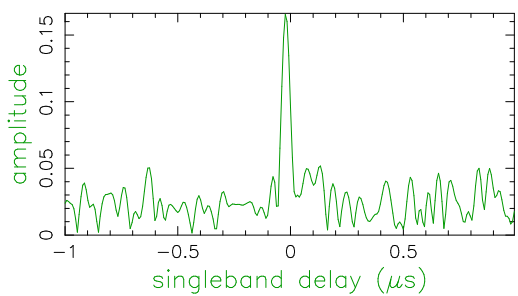
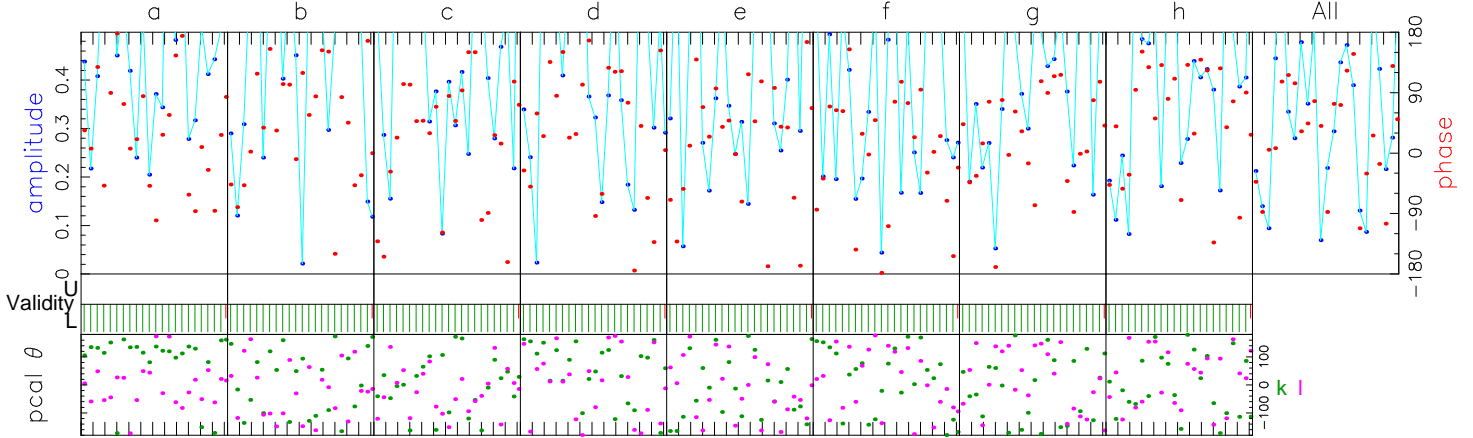


Fringe quality 9
 SNR 8.6
 Int time 719.988
 Amp 0.166
 Phase 63.6
 PFD 1.2e-09
 Delays (us)
 SBD -0.021358
 MBD -0.007482
 Fringe rate (Hz) 0.001297
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 1.000



Exp. c172a
 Exper # 16383
 Yr:day 2017:272
 Start 050000.00
 Stop 051200.00
 FRT 050600.00
 Corr/FF/build
 2018:051:091303
 2018:052:114530
 2017:188:152524
 RA & Dec (J2000)
 03h19m48.1601s
 +41°30'42.104"

Amp. and Phase vs. time for each freq., 23 segs, 32 APs / seg (32.00 sec / seg.), time ticks 60 sec



| | 86156.00 | 86188.00 | 86220.00 | 86252.00 | 86284.00 | 86316.00 | 86348.00 | 86380.00 | Freq (MHz) | All |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|------------|-------|
| U/L | 0/720 | 0/720 | 0/720 | 0/720 | 0/720 | 0/720 | 0/720 | 0/720 | 87.9 | 63.6 |
| k | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | 0.2 | 0.2 |
| l | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | 0.2 | 0.2 |
| k:l | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 126.5 | 126.5 |
| k:l | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 126.5 | 126.5 |
| k | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 0.2 | 0.2 |
| l | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 126.3 | 126.3 |
| k | W00LL | W01LL | W02LL | W03LL | W04LL | W05LL | W06LL | W07LL | | |
| l | W00LR | W01LR | W02LR | W03LR | W04LR | W05LR | W06LR | W07LR | | |

Group delay (usec)(sbd) -1.81236011388E+03 Apriori delay (usec) -1.81235263230E+03 Resid mbdelay (usec) -7.48157E-03 +/- 2.5E-04
 Sband delay (usec) -1.81237399030E+03 Apriori clock (usec) 2.8255012E+00 Resid sbdelay (usec) -2.13580E-02 +/- 2.0E-03
 Phase delay (usec) -1.81235263025E+03 Apriori clockrate (us/s) 1.0130000E-07 Resid phdelay (usec) 2.05036E-06 +/- 4.3E-07
 Delay rate (us/s) 6.54493982956E-02 Apriori rate (us/s) 6.54493832348E-02 Resid rate (us/s) 1.50609E-08 +/- 1.0E-09
 Total phase (deg) -205.2 Apriori accel (us/s/s) 5.51151006605E-06 Resid phase (deg) 63.6 +/- 13.3

RMS 85.1 Theor. 31.9 Amplitude 0.166 +/- 0.019 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 140.9 55.6 Search (2048X32) 0.162 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 26.7 18.8 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 ph/frq (deg) 21.3 32.8 Inc. seg. avg. 0.285 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.006 0.006
 amp/frq (%) 21.3 32.8 Inc. frq. avg. 0.170 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

k: az 56.5 el 28.4 pa -71.9 l: az 60.0 el 34.2 pa -70.8 u,v (fr/asec) -485.713 25.055 simultaneous interpolator
 Control file: cf_1234 Input file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0051/kl.zztpij Output file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0051/kl.W.47.zztpij