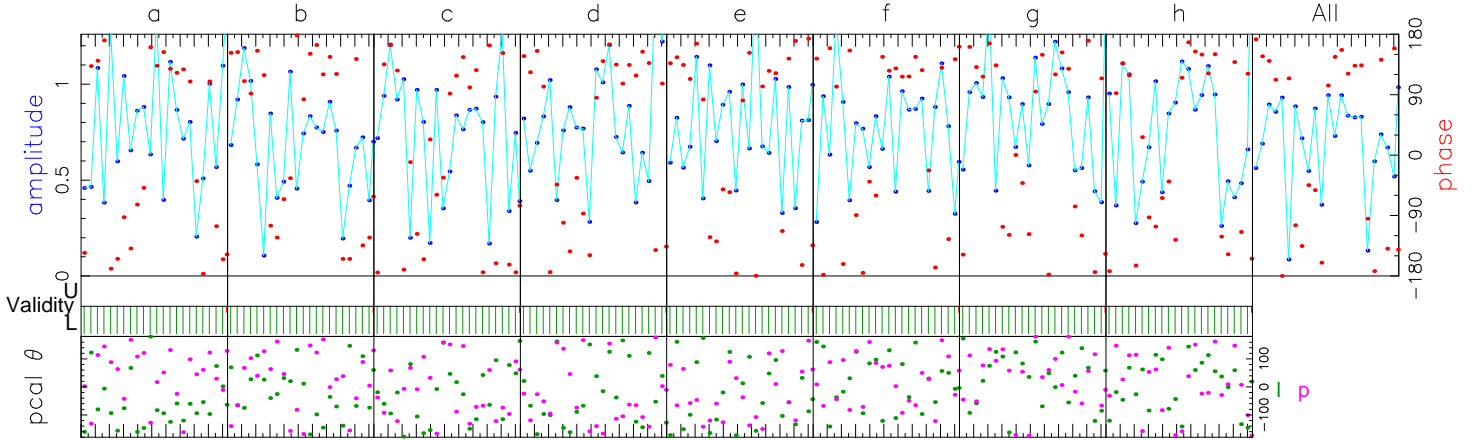


Fringe quality 9
SNR 19.9
Int time 599.983
Amp 0.420
Phase 162.4
PFD 0.0e+00
Delays (us)
SBD 0.017297
MBD 0.002590
Fringe rate (Hz) 0.004156
Ion TEC 0.000
Ref freq (MHz) 86140.0000
AP (sec) 1.000
Exp. c172c
Exper # 16383
Yr:day 2017:273
Start 092000.00
Stop 093000.00
FRT 092500.00
Corr/FF/build
2018:024:170139
2018:074:214309
2018:058:134248
RA & Dec (J2000) 04h33m11.0955s +5°21'15.619"

Amp. and Phase vs. time for each freq., 23 segs, 27 APs / seg (27.00 sec / seg.), time ticks 30 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
U/L	172.0	154.6	165.2	157.5	162.1	154.5	165.7	166.7	Phase	162.4
l	0.4	0.3	0.5	0.4	0.4	0.4	0.4	0.4	Ampl.	0.4
p	130.8	132.1	130.7	130.8	130.9	131.6	131.4	131.5	Sbd box	131.2
l:p	0/600	0/600	0/600	0/600	0/600	0/600	0/600	0/600	APs used	
p: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	
p: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	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
p	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Tracks	
									Tracks	
Group delay (usec)(sbd)	-8.28609860747E+00		Apriori delay (usec)		-8.28868907431E+00		Resid mbdelay (usec)		2.59047E-03	+/- 1.1E-04
Sband delay (usec)	-8.27139257431E+00		Apriori clock (usec)		-8.1800184E+00		Resid sbdelay (usec)		1.72965E-02	+/- 8.7E-04
Phase delay (usec)	-8.28868383637E+00		Apriori clockrate (us/s)		-3.6400001E-07		Resid phdelay (usec)		5.23794E-06	+/- 1.9E-07
Delay rate (us/s)	-4.71813901549E-02		Apriori rate (us/s)		-4.71814384001E-02		Resid rate (us/s)		4.82452E-08	+/- 5.4E-10
Total phase (deg)	-81.2		Apriori accel (us/s/s)		2.23362005369E-07		Resid phase (deg)		162.4	+/- 5.8

RMS Theor. Amplitude 0.420 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 62.7 13.8 Search (2048X32) 0.394 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 86.1 24.1 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 ph/frq (deg) 6.8 8.1 Inc. seg. avg. 0.673 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 (%) 8.2 14.2 Inc. frq. avg. 0.417 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

l: az 136.4 el 51.6 pa -33.0 p: az 132.6 el 51.6 pa -36.5 u,v (fr/asec) 271.403 186.959 simultaneous interpolator
 Control file: cf_1234 Input file: /Exps/c172c/v3_v1_merge/1234/No0097/lp..00TC35 Output file: /Exps/c172c/v3_v1_merge/1234/No0097/lp.W.120.00TC35