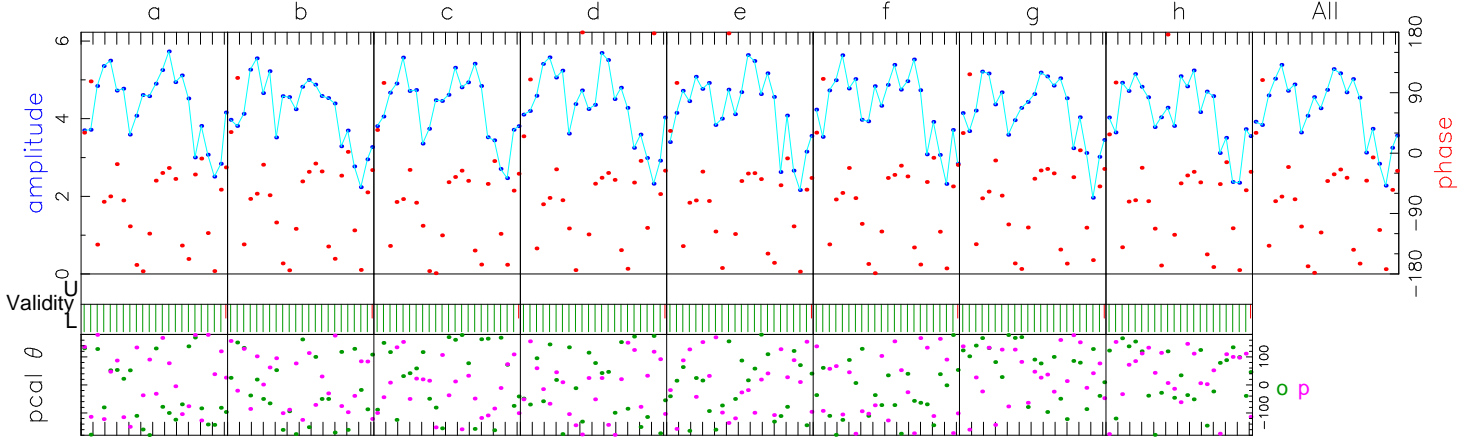


Fringe quality 5

SNR 107.7
Int time 719.979
Amp 2.077
Phase -76.0
PFD 0.0e+00
Delays (us)
SBD -0.000156
MBD -0.000222
Fringe rate (Hz) 0.001239
Ion TEC 0.000
Ref freq (MHz) 86140.0000
AP (sec) 1.000

Exp. c172a
Exper # 16383
Yr:day 2017:272
Start 104000.00
Stop 105200.00
FRT 104600.00
Corr/FF/build
2018:051:092738
2018:052:143555
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		
o	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	APs used	129.0
p	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
o:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
o:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	ManI PC	
o	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p	1000	1000	1000	1000	1000	1000	1000	1000		
o	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
p	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Tracks	
									Chan ids	
									Tracks	
Group delay (usec)(sbd)	3.71516540202E+02		Apriori delay (usec)		3.71516762089E+02		Resid mbdelay (usec)		-2.21887E-04	+/- 2.0E-05
Sband delay (usec)	3.71516606589E+02		Apriori clock (usec)		3.9125826E+00		Resid sbdelay (usec)		-1.55500E-04	+/- 1.6E-04
Phase delay (usec)	3.71516759637E+02		Apriori clockrate (us/s)		4.7000002E-08		Resid phdelay (usec)		-2.45166E-06	+/- 3.4E-08
Delay rate (us/s)	1.69757592008E-01		Apriori rate (us/s)		1.69757577630E-01		Resid rate (us/s)		1.43785E-08	+/- 8.3E-11
Total phase (deg)	243.1		Apriori accel (us/s/s)		1.14337283226E-06		Resid phase (deg)		-76.0	+/- 1.1

ph/seg (deg) 69.7 2.6
amp/seg (%) 111.4 4.5
ph/frq (deg) 4.0 1.5
amp/frq (%) 2.4 2.6

RMS Theor. Amplitude 2.077 +/- 0.019
Search (2048X32) 2.006
Interp. 0.000
Inc. seg. avg. 4.235
Inc. frq. avg. 2.080

Group delay (usec)(sbd) 3.71516540202E+02
Sband delay (usec) 3.71516606589E+02
Phase delay (usec) 3.71516759637E+02
Delay rate (us/s) 1.69757592008E-01
Total phase (deg) 243.1

Apriori delay (usec) 3.71516762089E+02
Apriori clock (usec) 3.9125826E+00
Apriori clockrate (us/s) 4.7000002E-08
Apriori rate (us/s) 1.69757577630E-01
Apriori accel (us/s/s) 1.14337283226E-06

Resid mbdelay (usec) -2.21887E-04 +/- 2.0E-05
Resid sbdelay (usec) -1.55500E-04 +/- 1.6E-04
Resid phdelay (usec) -2.45166E-06 +/- 3.4E-08
Resid rate (us/s) 1.43785E-08 +/- 8.3E-11
Resid phase (deg) -76.0 +/- 1.1

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Sample rate(MSamp/s): 64
Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite

sb window (us) -1.000 1.000
mb window (us) -0.016 0.016
dr window (ns/s) -0.006 0.006
ion window (TEC) 0.00 0.00

o: az 361.4 el 85.7 pa -177.3 p: az 315.6 el 79.3 pa 123.0 u,v (fr/asec) -1296.529 374.127 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0085/op.zztppa Output file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0085/op.W.109.zztppa