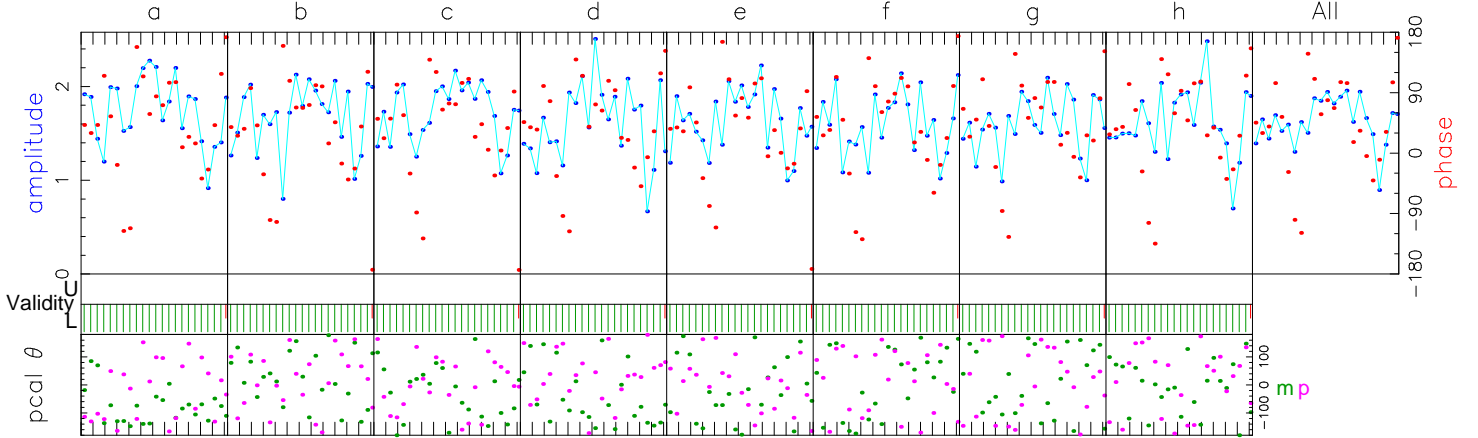


Fringe quality 7

SNR 44.6
Int time 719.980
Amp 0.860
Phase 57.7
PFD 0.0e+00
Delays (us)
SBD -0.001144
MBD -0.001851
Fringe rate (Hz) 0.002935
Ion TEC 0.000
Ref freq (MHz) 86140.0000
AP (sec) 1.000

Exp. c172a
Exper # 16383
Yr:day 2017:272
Start 082000.00
Stop 083200.00
FRT 082600.00
Corr/FF/build
2018:051:092146
2018:052:132256
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
60.0	52.2	60.8	59.1	53.3	61.4	55.4	59.8	59.8	Phase	57.7
0.9	0.8	1.0	0.8	0.8	0.9	0.8	0.9	0.8	Ampl.	0.9
129.0	128.8	128.9	128.6	128.5	129.1	129.1	128.8	128.8	Sbd box	128.9
U/L 0/720	0/720	0/720	0/720	0/720	0/720	0/720	0/720	0/720	APs used	
m -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
p -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
m:p 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
m:p 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
m 1000	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p 1000	1000	1000	1000	1000	1000	1000	1000	1000		
m	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
p	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Tracks	
									Chan ids	
									Tracks	
Group delay (usec)(sbd)	-1.03232435877E+04		Apriori delay (usec)	-1.03232417365E+04		Resid mbdelay (usec)	-1.85121E-03	+/-	4.9E-05	
Sband delay (usec)	-1.03232428805E+04		Apriori clock (usec)	1.4435384E+00		Resid sbdelay (usec)	-1.14400E-03	+/-	3.9E-04	
Phase delay (usec)	-1.03232417346E+04		Apriori clockrate (us/s)	7.5999997E-08		Resid phdelay (usec)	1.86208E-06	+/-	8.3E-08	
Delay rate (us/s)	6.48967667205E-01		Apriori rate (us/s)	6.48967633129E-01		Resid rate (us/s)	3.40761E-08	+/-	2.0E-10	
Total phase (deg)		-7.1	Apriori accel (us/s/s)	3.81042416738E-05		Resid phase (deg)	57.7	+/-	2.6	

RMS Theor. Amplitude 0.860 +/- 0.019 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 70.7 6.2 Search (2048X32) 0.856 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 93.8 10.8 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 ph/frq (deg) 3.9 3.6 Inc. seg. avg. 1.618 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 (%) 7.5 6.3 Inc. frq. avg. 0.858 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

m: az 52.5 el 25.9 pa -85.5 p: az 62.3 el 69.0 pa -103.6 u,v (fr/asec) -4863.452 1243.917 simultaneous interpolator
 Control file: cf_1234 Input file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0071/mp..zztpkz Output file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0071/mp.W.118.zztpkz