

Fringe quality 4

SNR 68.5

Int time 715.532

Amp 1.323

Phase 88.3

PFD 0.0e+00

Delays (us)

SBD -0.038303

MBD 0.008538

Fringe rate (Hz) -0.001607

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 1.000

Exp. c172a

Exper # 16383

Yr:day 2017:272

Start 022003.00

Stop 023200.00

FRT 022600.00

Corr/FF/build

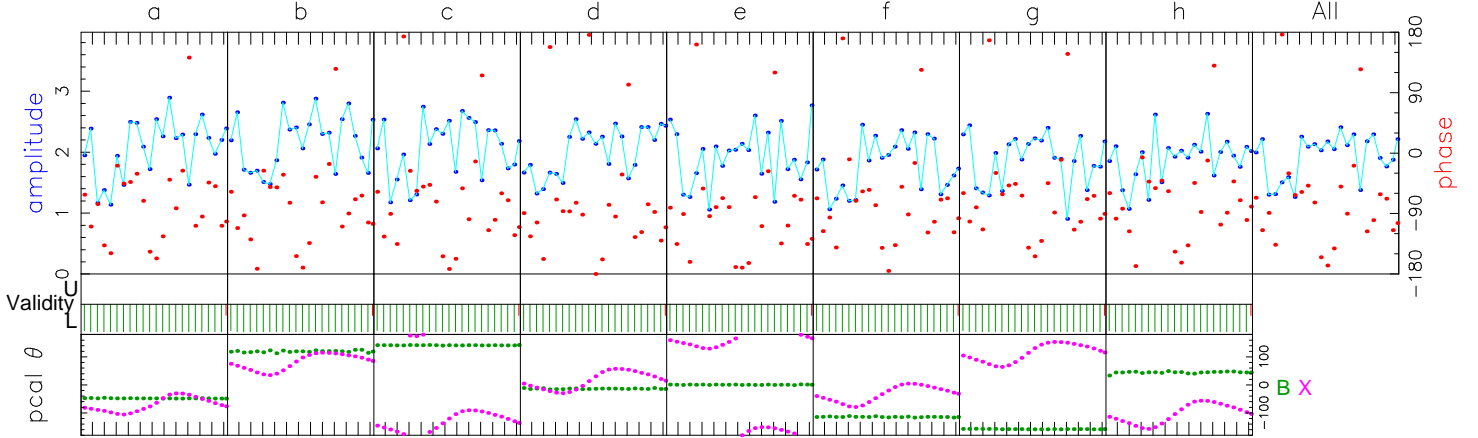
2018:051:090715

2018:052:104730

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
	-80.5	-85.6	-93.3	-110.0	-107.0	-93.5	-84.7	-79.8	Phase	-91.7
	1.5	1.5	1.3	1.4	1.3	1.2	1.4	1.3	Ampl.	1.3
	123.7	124.2	124.1	124.2	124.2	124.3	124.3	123.8	Sbd box	124.1
U/L	0/717	0/717	0/717	0/717	0/717	0/717	0/717	0/717	APs used	
B	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
X	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
B:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
X	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
									Tracks	
X	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
									Tracks	
Group delay (usec)(sbd)	6.17052743991E+02		Apriori delay (usec)		6.17075455804E+02		Resid mbdelay (usec)		8.53819E-03	+/- 3.2E-05
Sband delay (usec)	6.17037152304E+02		Apriori clock (usec)		2.0377439E+01		Resid sbdelay (usec)		-3.83035E-02	+/- 2.5E-04
Phase delay (usec)	6.17075452848E+02		Apriori clockrate (us/s)		-3.8300000E-07		Resid phdelay (usec)		-2.95620E-06	+/- 5.4E-08
Delay rate (us/s)	5.27185493071E-02		Apriori rate (us/s)		5.27185679620E-02		Resid rate (us/s)		-1.86550E-08	+/- 1.3E-10
Total phase (deg)	363.0		Apriori accel (us/s/s)		-8.46224833456E-06		Resid phase (deg)		88.3	+/- 1.7

RMS Theor. Amplitude 1.323 +/- 0.019

ph/seg (deg) 52.8 4.0 Search (2048X32) 1.288

amp/seg (%) 52.5 7.0 Interp. 0.000

ph/frq (deg) 12.4 2.4 Inc. seg. avg. 1.916

amp/frq (%) 6.8 4.1 Inc. frq. avg. 1.345

pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

Sample rate(MSamp/s): 64 dr window (ns/s) -0.006 0.006

Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

B: az 178.5 el 81.0 pa -1.3 X: az 192.8 el 73.9 pa 9.2 u,v (fr/asec) -424.736 -1051.306 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0030/BX..zztpgs Output file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0030/BX.W.20.zztpgs