

Fringe quality 5

SNR 70.0

Int time 719.983

Amp 1.349

Phase 147.3

PFD 0.0e+00

Delays (us)

SBD -0.004372

MBD -0.004085

Fringe rate (Hz) 0.006149

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 1.000

Exp. c172a

Exper # 16383

Yr:day 2017:272

Start 054000.00

Stop 055200.00

FRT 054600.00

Corr/FF/build

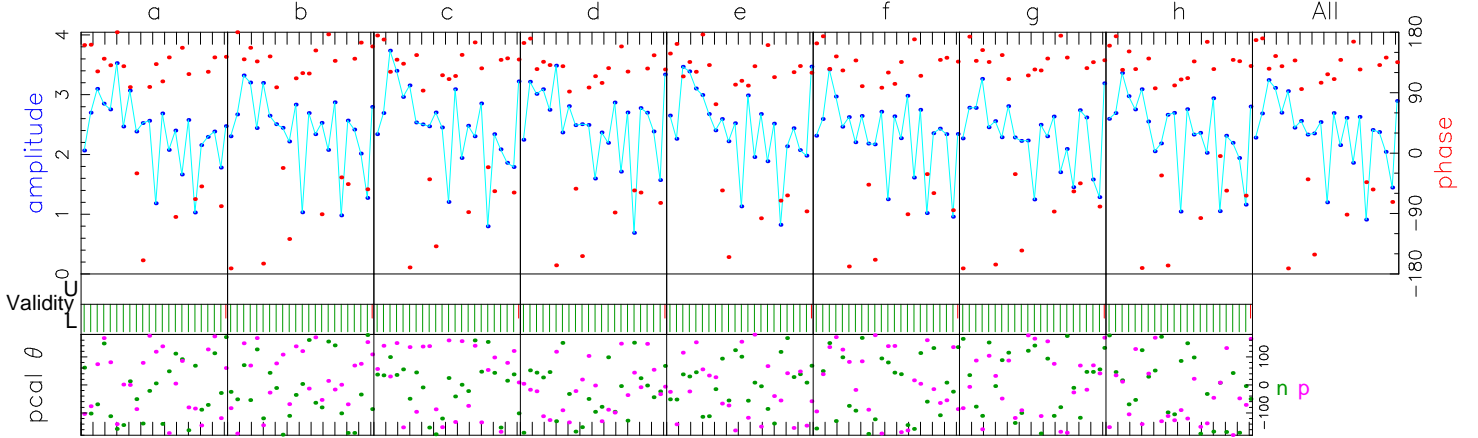
2018:051:091447

2018:052:120411

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
	142.8	158.5	149.1	145.5	137.3	145.0	156.7	144.8	Phase	147.3
	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.4	Ampl.	1.3
	128.5	128.5	128.1	128.5	128.5	128.7	128.4	128.3	Sbd box	128.4
U/L	0/720	0/720	0/720	0/720	0/720	0/720	0/720	0/720	APs used	
n	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
p	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
n:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
n:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
n	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p	1000	1000	1000	1000	1000	1000	1000	1000		
n	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)	3.69929113450E+03		Apriori delay (usec)		3.69929521982E+03		Resid mbdelay (usec)		-4.08532E-03	+/- 3.1E-05
Sband delay (usec)	3.69929084732E+03		Apriori clock (usec)		7.8116636E+00		Resid sbdelay (usec)		-4.37250E-03	+/- 2.5E-04
Phase delay (usec)	3.69929522457E+03		Apriori clockrate (us/s)		4.5000001E-08		Resid phdelay (usec)		4.75062E-06	+/- 5.3E-08
Delay rate (us/s)	-2.25193207021E-01		Apriori rate (us/s)		-2.25193278402E-01		Resid rate (us/s)		7.13809E-08	+/- 1.3E-10
Total phase (deg)	232.0		Apriori accel (us/s/s)		-1.19620804708E-05		Resid phase (deg)		147.3	+/- 1.6

ph/seg (deg) 77.1 3.9 Theor. Amplitude 1.349 +/- 0.019 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

amp/seg (%) 86.0 6.9 Search (2048X32) 1.281 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

ph/frq (deg) 7.7 2.3 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

amp/frq (%) 3.3 4.0 Inc. seg. avg. 2.355 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.006 0.006

n: az 73.6 el 54.2 pa -72.7 p: az 61.3 el 39.3 pa -76.5 u,v (fr/asec) 1690.635 -181.089 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0055/np.zzt piv Output file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0055/np.W.97.zzt piv