

Fringe quality 9

SNR 7.6

Int time 590.925

Amp 0.162

Phase -168.8

PFD 4.4e-06

Delays (us)

SBD 0.036681

MBD -0.007210

Fringe rate (Hz) 0.011736

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 1.000

Exp. c172b

Exper # 16383

Yr:day 2017:272

Start 180008.00

Stop 181000.00

FRT 180500.00

Corr/FF/build

2018:047:105434

2018:051:175647

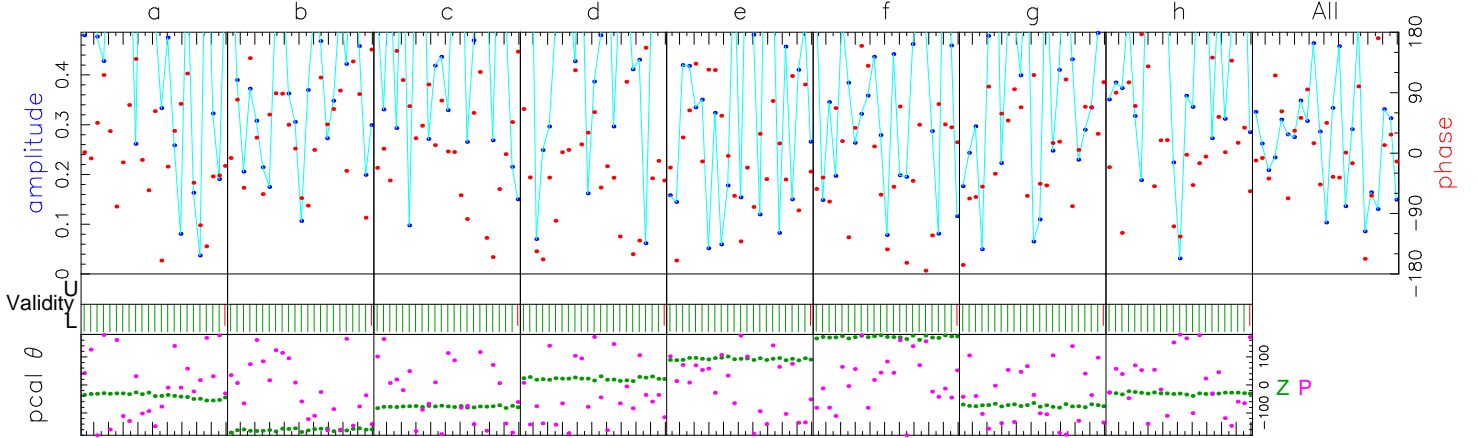
2017:188:152524

RA & Dec (J2000)

15h04m24.9798s

+10°29'39.199"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (26.00 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	2.4	59.5	13.8	-24.1	-9.4	1.4	24.1	25.0	Phase	11.2
Z	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	Ampl.	0.2
P	133.4	124.8	68.0	133.9	137.0	40.0	184.6	133.7	Sbd box	133.7
Z:P	0/592	0/592	0/592	0/592	0/592	0/592	0/592	0/592	APs used	
Z:P	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
Z:P	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC phase	
Z:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	ManI PC	
Z:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC amp	
Z	1000	1000	1000	1000	1000	1000	1000	1000	Chan ids	
P	1000	1000	1000	1000	1000	1000	1000	1000	Tracks	
Z	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
P	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Tracks	

Group delay (usec)(sbd) -7.51515937407E+03 Apriori delay (usec) -7.51518341373E+03 Resid mbdelay (usec) -7.21034E-03 +/- 2.9E-04

Sband delay (usec) -7.51514673323E+03 Apriori clock (usec) 2.2447681E-01 Resid sbdelay (usec) 3.66805E-02 +/- 2.3E-03

Phase delay (usec) -7.51518341337E+03 Apriori clockrate (us/s) -1.0560000E-06 Resid phdelay (usec) 3.60386E-07 +/- 4.9E-07

Delay rate (us/s) 1.94174829632E-01 Apriori rate (us/s) 1.94174693391E-01 Resid rate (us/s) 1.36241E-07 +/- 1.4E-09

Total phase (deg) -261.9 Apriori accel (us/s/s) 4.53817140222E-05 Resid phase (deg) -168.8 +/- 15.1

RMS Theor. Amplitude 0.162 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

ph/seg (deg) 69.5 36.1 Search (2048X32) 0.157 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

amp/seg (%) 97.5 63.0 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

ph/frq (deg) 27.5 21.3 Inc. seg. avg. 0.230 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 (%) 24.0 37.2 Inc. frq. avg. 0.165 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

Z: az 263.7 el 15.6 pa 30.1 P: az 251.8 el 38.6 pa 50.3 u,v (fr/asec) -1047.614 2974.161 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172b/v2_v1_merge/merged/1234/No0034/ZP.zzsqt Output file: /Exps/c172b/v2_v1_merge/merged/1234/No0034/ZP.W.303.zzsqt