

Fringe quality 7

SNR 24.6

Int time 596.426

Amp 0.522

Phase 350.3

PFD 0.0e+00

Delays (us)

SBD -0.039025

MBD 0.009040

Fringe rate (Hz) 0.002171

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 1.000

Exp. c172b

Exper # 16383

Yr:day 2017:272

Start 160003.00

Stop 161000.00

FRT 160500.00

Corr/FF/build

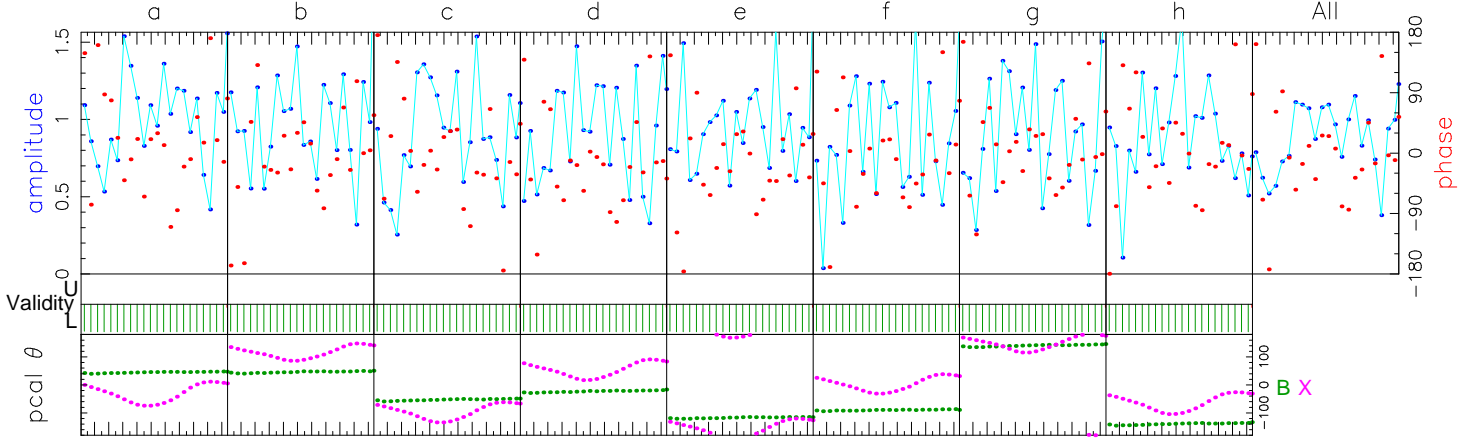
2018:047:104436

2018:051:162550

2017:188:152524

RA & Dec (J2000) 15h04m24.9798s +10°29'39.199"

Amp. and Phase vs. time for each freq., 23 segs, 27 APs / seg (27.00 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
-0.2	-2.8	-11.7	-26.1	-22.0	-9.1	-1.9	-4.1	Phase	-9.7
0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.5	Ampl.	0.5
124.0	124.4	124.0	124.1	124.1	123.9	123.9	123.5	Sbd box	124.0
U/L 0/597	0/597	0/597	0/597	0/597	0/597	0/597	0/597	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	
X W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Tracks	
								Chan ids	
								Tracks	
Group delay (usec)(sbd)	2.03860058869E+03	Apriori delay (usec)	2.03865404853E+03	Resid mbdelay (usec)	9.04016E-03	+/-	8.8E-05		
Sband delay (usec)	2.03861502353E+03	Apriori clock (usec)	2.0357126E+01	Resid sbdelay (usec)	-3.90250E-02	+/-	7.0E-04		
Phase delay (usec)	2.03865404822E+03	Apriori clockrate (us/s)	-3.8300000E-07	Resid phdelay (usec)	-3.13606E-07	+/-	1.5E-07		
Delay rate (us/s)	-1.40655038616E-02	Apriori rate (us/s)	-1.40655290652E-02	Resid rate (us/s)	2.52035E-08	+/-	4.4E-10		
Total phase (deg)	616.9	Apriori accel (us/s/s)	-1.21754330629E-05	Resid phase (deg)	350.3	+/-	4.7		

RMS Theor. Amplitude 0.522 +/- 0.021

ph/seg (deg) 73.5 11.2 Search (2048X32) 0.513

amp/seg (%) 78.0 19.5 Interp. 0.000

ph/frq (deg) 10.4 6.6 Inc. seg. avg. 0.853

amp/frq (%) 9.2 11.5 Inc. frq. avg. 0.525

Group delay (usec)(sbd) 2.03860058869E+03 Apriori delay (usec) 2.03865404853E+03 Resid mbdelay (usec) 9.04016E-03 +/- 8.8E-05

Sband delay (usec) 2.03861502353E+03 Apriori clock (usec) 2.0357126E+01 Resid sbdelay (usec) -3.90250E-02 +/- 7.0E-04

Phase delay (usec) 2.03865404822E+03 Apriori clockrate (us/s) -3.8300000E-07 Resid phdelay (usec) -3.13606E-07 +/- 1.5E-07

Delay rate (us/s) -1.40655038616E-02 Apriori rate (us/s) -1.40655290652E-02 Resid rate (us/s) 2.52035E-08 +/- 4.4E-10

Total phase (deg) 616.9 Apriori accel (us/s/s) -1.21754330629E-05 Resid phase (deg) 350.3 +/- 4.7

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 221.2 el 43.3 pa 25.2 X: az 223.3 el 36.2 pa 22.2 u,v (fr/asec) 59.651 -792.150 simultaneous interpolator

Control file: cf\_1234 Input file: /Exps/c172b/v2\_v1\_merge/merged/1234/No0021/BX.zzsqr Output file: /Exps/c172b/v2\_v1\_merge/merged/1234/No0021/BX.W.52.zzsqr