

Fringe quality 9

SNR 13.8

Int time 599.980

Amp 0.291

Phase 58.5

PFD 1.3e-34

Delays (us)

SBD -0.010657

MBD 0.005508

Fringe rate (Hz)

-0.008859

Ion TEC 0.000

Ref freq (MHz)

86140.0000

AP (sec) 1.000

Exp. c172c

Exper # 16383

Yr:day 2017:273

Start 012000.00

Stop 013000.00

FRT 012500.00

Corr/FF/build

2018:024:164015

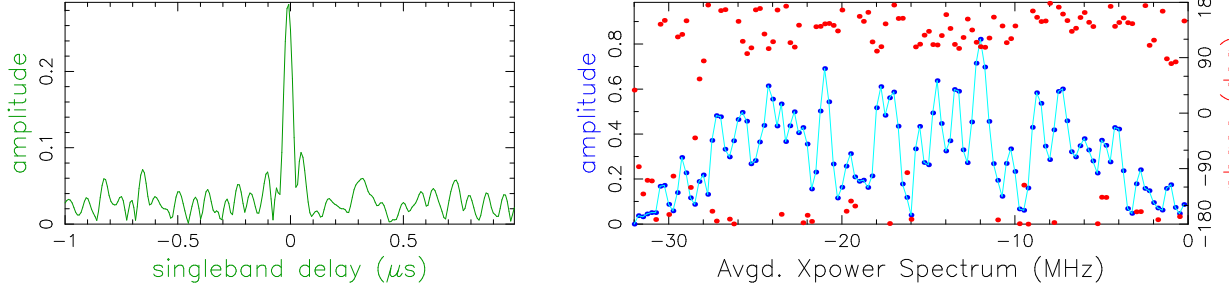
2018:074:165614

2018:058:134248

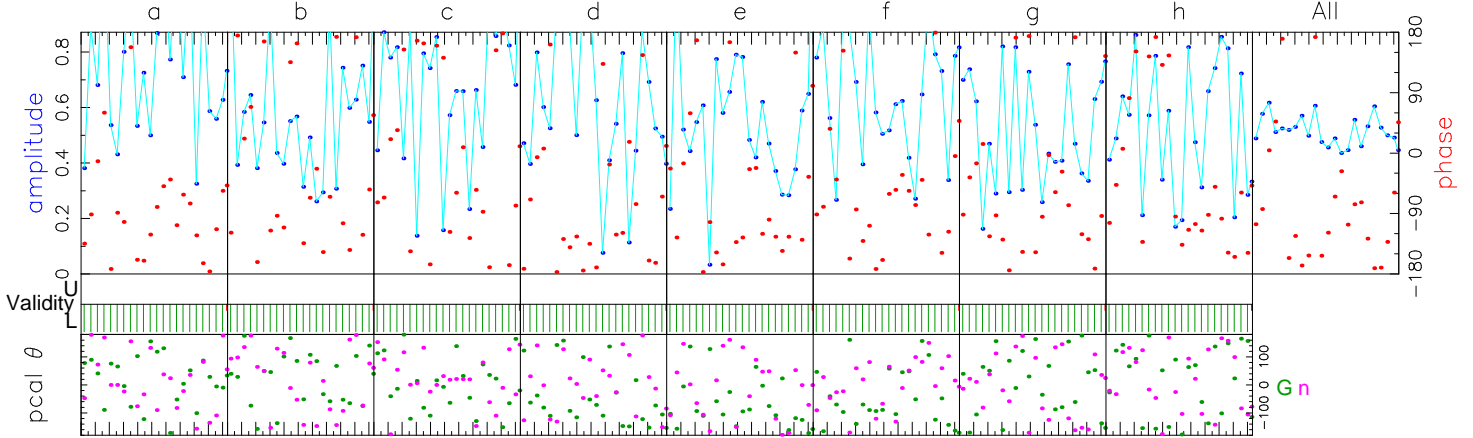
RA & Dec (J2000)

22h02m43.2914s

+42°16'39.980"



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
-101.8	-127.0	-141.9	-140.1	-130.7	-102.4	-114.0	-126.6	Phase	-121.5
0.4	0.3	0.2	0.4	0.3	0.3	0.3	0.2	Ampl.	0.3
127.6	126.8	127.4	128.4	127.6	127.4	127.5	128.7	Sbd box	127.6
U/L 0/600	0/600	0/600	0/600	0/600	0/600	0/600	0/600	APs used	
G -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
n -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
G:n 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
G:n 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
G 1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
n 1000	1000	1000	1000	1000	1000	1000	1000		
G W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
n W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Tracks	
								Chan ids	
								Tracks	

Group delay (usec)(sbd) 9.58571577299E+02 Apriori delay (usec) 9.58597319420E+02 Resid mbdelay (usec) 5.50788E-03 +/- 1.6E-04

Sband delay (usec) 9.58586661920E+02 Apriori clock (usec) -2.2188313E+01 Resid sbdelay (usec) -1.06575E-02 +/- 1.3E-03

Phase delay (usec) 9.58597315502E+02 Apriori clockrate (us/s) -1.6000000E-07 Resid phdelay (usec) -3.91765E-06 +/- 2.7E-07

Delay rate (us/s) -1.41840880475E-01 Apriori rate (us/s) -1.41840777634E-01 Resid rate (us/s) -1.02841E-07 +/- 7.8E-10

Total phase (deg) 92.7 Apriori accel (us/s/s) -8.59943182789E-06 Resid phase (deg) 58.5 +/- 8.3

RMS Theor. Amplitude 0.291 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

ph/seg (deg) 64.4 20.0 Search (2048X32) 0.283 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

amp/seg (%) 80.4 34.9 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

ph/frq (deg) 16.9 11.8 Inc. seg. avg. 0.489 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 (%) 20.6 20.6 Inc. frq. avg. 0.292 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

G: az 69.7 el 73.0 pa -97.1 n: az 77.3 el 65.3 pa -79.5 u,v (fr/asec) 1078.336 -924.586 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172c/v3_v1_merge/1234/No0031/Gn..00TBD4 Output file: /Exps/c172c/v3_v1_merge/1234/No0031/Gn.W.79.00TBD4