

Fringe quality 9

SNR 14.0

Int time 705.124

Amp 0.272

Phase -145.4

PFD 6.4e-36

Delays (us)

SBD -0.029344

MBD -0.013973

Fringe rate (Hz) 0.002321

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 1.000

Exp. c172a

Exper # 16383

Yr:day 2017:272

Start 112013.00

Stop 113201.00

FRT 112601.00

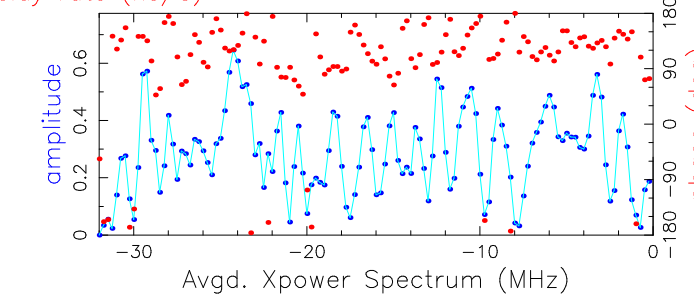
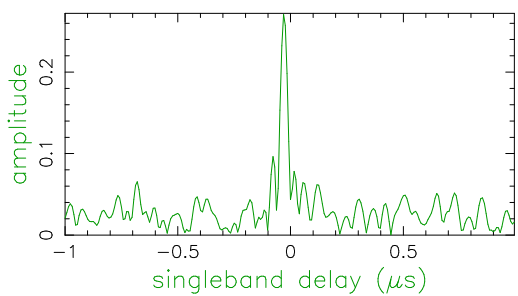
Corr/FF/build

2018:051:092934

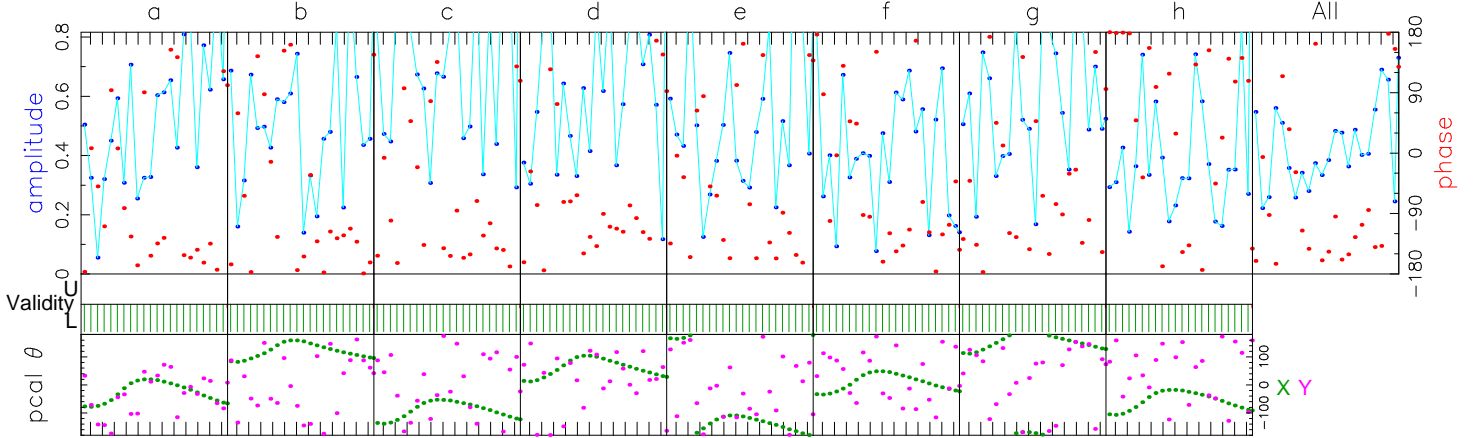
2018:052:145720

2017:188:152524

RA & Dec (J2000) 07h21m53.4485s +71°20'36.363"



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
-163.4	-154.8	-141.3	-120.6	-147.1	-141.5	-116.8	150.8	Phase	-145.4
0.3	0.3	0.3	0.4	0.3	0.2	0.3	0.2	Ampl.	0.3
125.5	125.2	124.6	125.5	124.5	125.4	125.1	127.2	Sbd box	125.2
U/L 0/708	0/708	0/708	0/708	0/708	0/708	0/708	0/708	APs used	
X -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
Y -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
X:Y 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
X:Y 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	ManI PC	
X 1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
Y 1000	1000	1000	1000	1000	1000	1000	1000		
X W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
Y W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Tracks	
								Chan ids	
								Tracks	
Group delay (usec)(sbd)	2.33920392180E+03	Apriori delay (usec)	2.33921789508E+03	Resid mbdelay (usec)	-1.39733E-02	+/-	1.6E-04		
Sband delay (usec)	2.33918855058E+03	Apriori clock (usec)	2.1150002E+00	Resid sbdelay (usec)	-2.93445E-02	+/-	1.2E-03		
Phase delay (usec)	2.33921789039E+03	Apriori clockrate (us/s)	0.000000E+00	Resid phdelay (usec)	-4.68986E-06	+/-	2.6E-07		
Delay rate (us/s)	8.03211180908E-02	Apriori rate (us/s)	8.03210911507E-02	Resid rate (us/s)	2.69402E-08	+/-	6.5E-10		
Total phase (deg)	28.0	Apriori accel (us/s/s)	8.18321693105E-06	Resid phase (deg)	-145.4	+/-	8.2		

ph/seg (deg) 66.1 19.7 Theor. Amplitude 0.272 +/- 0.019 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

amp/seg (%) 72.5 34.3 Search (2048X32) 0.267 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

ph/frq (deg) 31.5 11.6 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

amp/frq (%) 22.3 20.2 Inc. seg. avg. 0.397 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.006 0.006

X: az 325.6 el 56.1 pa 70.9 Y: az 335.4 el 46.1 pa 97.8 u,v (fr/asec) -1394.017 2475.003 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0092/XY..zztpt Output file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0092/XY.W.30.zztpt