

Fringe quality 5

SNR 94.0

Int time 719.988

Amp 1.811

Phase -162.4

PFD 0.0e+00

Delays (us)

SBD -0.007363

MBD -0.007547

Fringe rate (Hz) 0.001278

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 1.000

Exp. c172a

Exper # 16383

Yr:day 2017:272

Start 050000.00

Stop 051200.00

FRT 050600.00

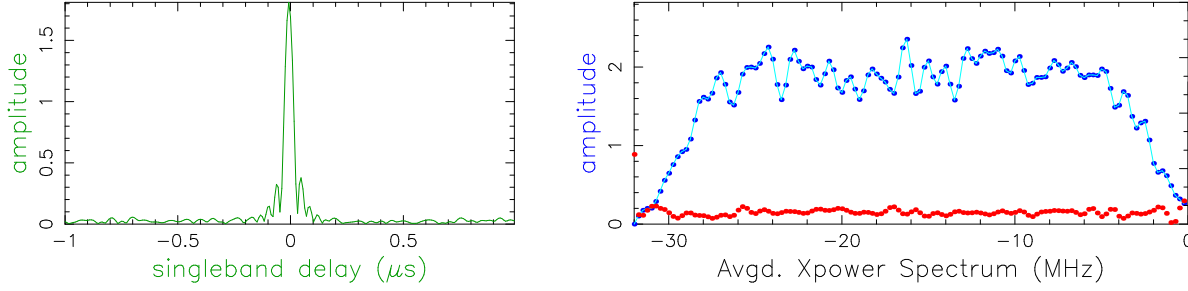
Corr/FF/build

2018:051:091303

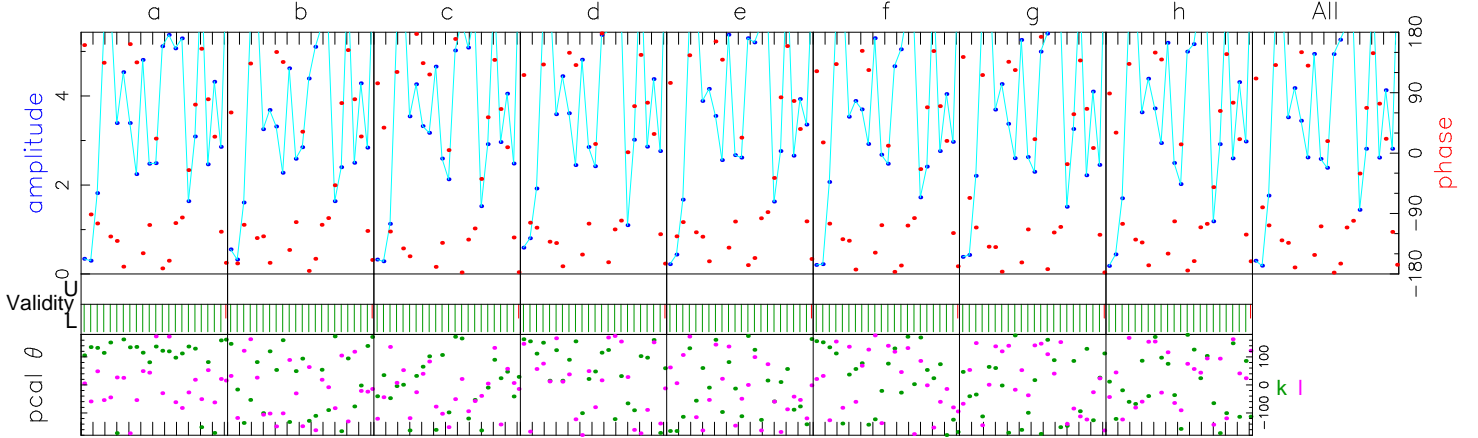
2018:052:114528

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
-158.5	-156.9	-179.0	-164.8	-150.0	-159.3	-170.6	-160.0	Phase	-162.4
1.8	1.7	1.8	1.9	1.9	1.8	1.8	1.9	Ampl.	1.8
128.0	127.9	128.0	128.3	128.0	127.8	128.1	128.3	Sbd box	128.1
U/L 0/720	0/720	0/720	0/720	0/720	0/720	0/720	0/720	APs used	
k -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
l -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
k:l 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
k:l 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Man'l PC	
k 1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
l 1000	1000	1000	1000	1000	1000	1000	1000		
k W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
l W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Tracks	
								Chan ids	
								Tracks	
Group delay (usec)(sbd)	-1.81236017963E+03	Apriori delay (usec)	-1.81235263230E+03	Resid mbdelay (usec)	-7.54732E-03	+/-	2.3E-05		
Sband delay (usec)	-1.81235999530E+03	Apriori clock (usec)	2.8255012E+00	Resid sbdelay (usec)	-7.36300E-03	+/-	1.8E-04		
Phase delay (usec)	-1.81235263754E+03	Apriori clockrate (us/s)	1.0130000E-07	Resid phdelay (usec)	-5.23635E-06	+/-	3.9E-08		
Delay rate (us/s)	6.54493980751E-02	Apriori rate (us/s)	6.54493832348E-02	Resid rate (us/s)	1.48403E-08	+/-	9.5E-11		
Total phase (deg)	-71.2	Apriori accel (us/s/s)	5.51151006605E-06	Resid phase (deg)	-162.4	+/-	1.2		

ph/seg (deg) 83.7 2.9 RMS Theor. Amplitude 1.811 +/- 0.019 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

amp/seg (%) 145.9 5.1 Search (2048X32) 1.765 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

ph/frq (deg) 9.7 1.7 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

amp/frq (%) 4.0 3.0 Inc. seg. avg. 3.692 Sample rate(MSamp/s): 64 dr window (ns/s) -0.006 0.006

amp/frq (%) 4.0 3.0 Inc. frq. avg. 1.830 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite ion window (TEC) 0.00 0.00

k: az 56.5 el 28.4 pa -71.9 l: az 60.0 el 34.2 pa -70.8 u,v (fr/asec) -485.713 25.055 simultaneous interpolator

Control file: cf\_1234 Input file: /Exps/c172a/v2\_v1\_merge/merged/3mm/1234/No0051/kl.zztpij Output file: /Exps/c172a/v2\_v1\_merge/merged/3mm/1234/No0051/kl.W.46.zztpij