

Fringe quality 9

SNR 17.7

Int time 319.827

Amp 0.375

Phase 43.9

PFD 0.0e+00

Delays (us)

SBD -0.000387

MBD -0.000399

Fringe rate (Hz) 0.000752

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 0.512

Exp. c181d

Exper # 16383

Yr:day 2018:105

Start 201501.00

Stop 202501.06

FRT 202001.00

Corr/FF/build

2018:288:134436

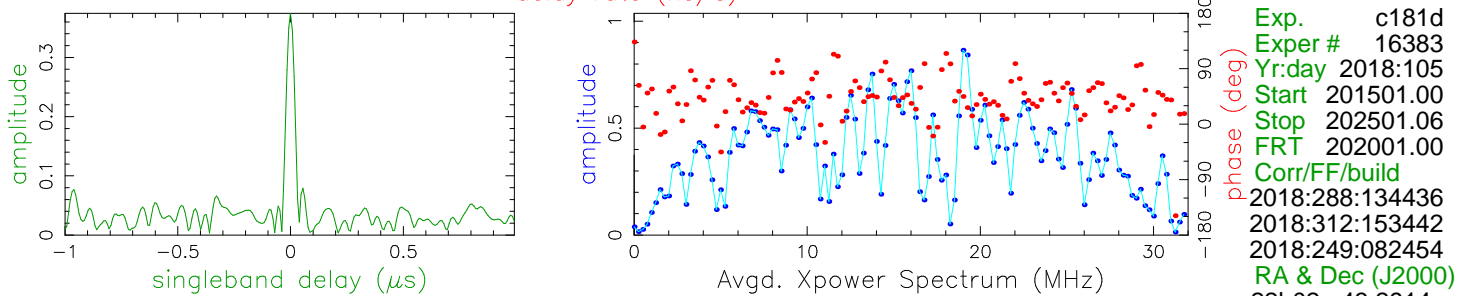
2018:312:153442

2018:249:082454

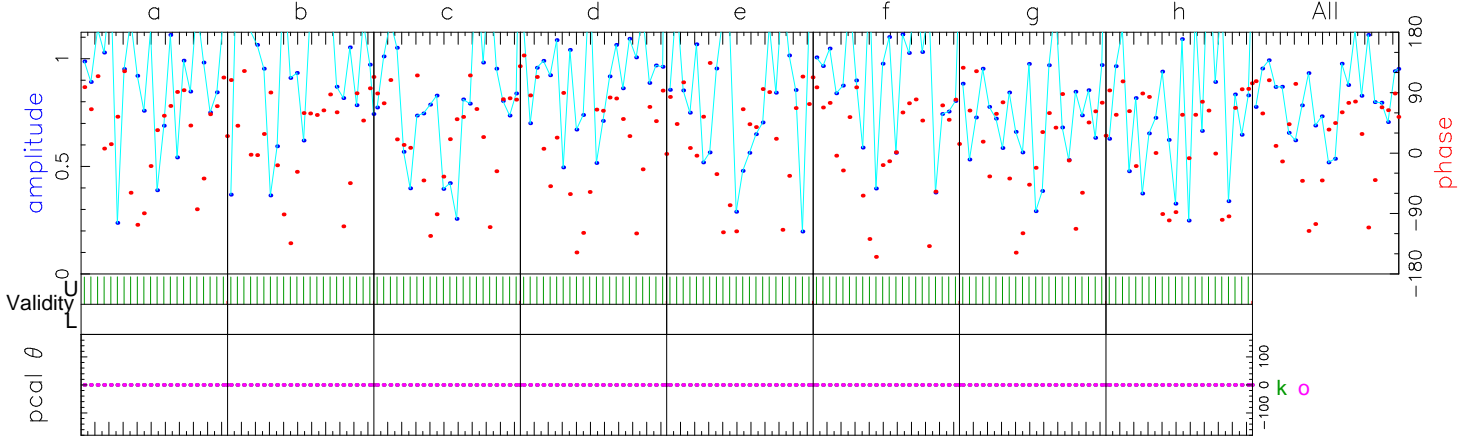
RA & Dec (J2000)

22h02m43.2914s

+42°16'39.980"



Amp. and Phase vs. time for each freq., 23 segs, 53 APs / seg (27.14 sec / seg.), time ticks 30 sec



86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
44.0	43.1	51.5	39.5	37.3	47.7	32.7	52.4	Phase	43.9
0.4	0.5	0.3	0.3	0.3	0.4	0.3	0.4	Ampl.	0.4
129.5	128.6	128.5	128.6	129.5	128.9	129.5	129.2	Sbd box	129.0
U/L 1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	APs used	
k 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
o 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
k:o 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
k:o 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
k 1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
o 1000	1000	1000	1000	1000	1000	1000	1000		
k W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Chan ids	
o W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Tracks	
								Chan ids	
								Tracks	
Group delay (usec)(sbd)	-2.06163443492E+03		Apriori delay (usec)	-2.06163403568E+03		Resid mbdelay (usec)	-3.99244E-04	+/-	1.2E-04
Sband delay (usec)	-2.06163442218E+03		Apriori clock (usec)	-7.5437517E+00		Resid sbdelay (usec)	-3.86500E-04	+/-	9.7E-04
Phase delay (usec)	-2.06163403426E+03		Apriori clockrate (us/s)	-2.5022001E-07		Resid phdelay (usec)	1.41543E-06	+/-	2.1E-07
Delay rate (us/s)	-1.02859410234E-01		Apriori rate (us/s)	-1.02859418964E-01		Resid rate (us/s)	8.72978E-09	+/-	1.1E-09
Total phase (deg)		-256.0	Apriori accel (us/s/s)	5.17046548748E-06		Resid phase (deg)	43.9	+/-	6.5

RMS Theor. Amplitude 0.375 +/- 0.021

ph/seg (deg) 72.1 15.5 Search (4096X32) 0.356

amp/seg (%) 127.3 27.0 Interp. 0.000

ph/frq (deg) 7.4 9.1 Inc. seg. avg. 0.794

amp/frq (%) 15.9 15.9 Inc. frq. avg. 0.372

Group delay (usec)(sbd) -2.06163443492E+03

Sband delay (usec) -2.06163442218E+03

Phase delay (usec) -2.06163403426E+03

Delay rate (us/s) -1.02859410234E-01

Total phase (deg) -256.0

Apriori delay (usec) -2.06163403568E+03

Apriori clock (usec) -7.5437517E+00

Apriori clockrate (us/s) -2.5022001E-07

Apriori rate (us/s) -1.02859418964E-01

Apriori accel (us/s/s) 5.17046548748E-06

Resid mbdelay (usec) -3.99244E-04

Resid sbdelay (usec) -3.86500E-04

Resid phdelay (usec) 1.41543E-06

Resid rate (us/s) 8.72978E-09

Resid phase (deg) 43.9

PCal mode: MANUAL, MANUAL PC period (AP's) 5, 5

PCal rate: 0.000E+00, 0.000E+00 (us/s)

Bits/sample: 2x2 SampCntNorm: enabled

Sample rate(MSamp/s): 64

Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite

sb window (us) -1.000 1.000

mb window (us) -0.016 0.016

dr window (ns/s) -0.011 0.011

ion window (TEC) 0.00 0.00

k: az 301.2 el 38.5 pa 78.3 o: az 295.6 el 45.8 pa 76.0 u,v (fr/asec) 811.184 -140.270 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pcal/1234/No0010/ko..0D451T Output file: /Exps/c181d/v2_pcal/1234/No0010/ko.W.53.0D451T