

Fringe quality 8

SNR 3519.1

Int time 239.137

Amp 117.697

Phase -87.5

PFD 0.0e+00

Delays (us)

SBD -0.010517

MBD -0.010818

Fringe rate (Hz)

-0.013893

Ion TEC 0.000

Ref freq (MHz)

86140.0000

AP (sec) 0.512

Exp. c181c

Exper # 16383

Yr:day 2018:105

Start 020200.00

Stop 020600.13

FRT 020400.00

Corr/FF/build

2018:295:130625

2018:312:043400

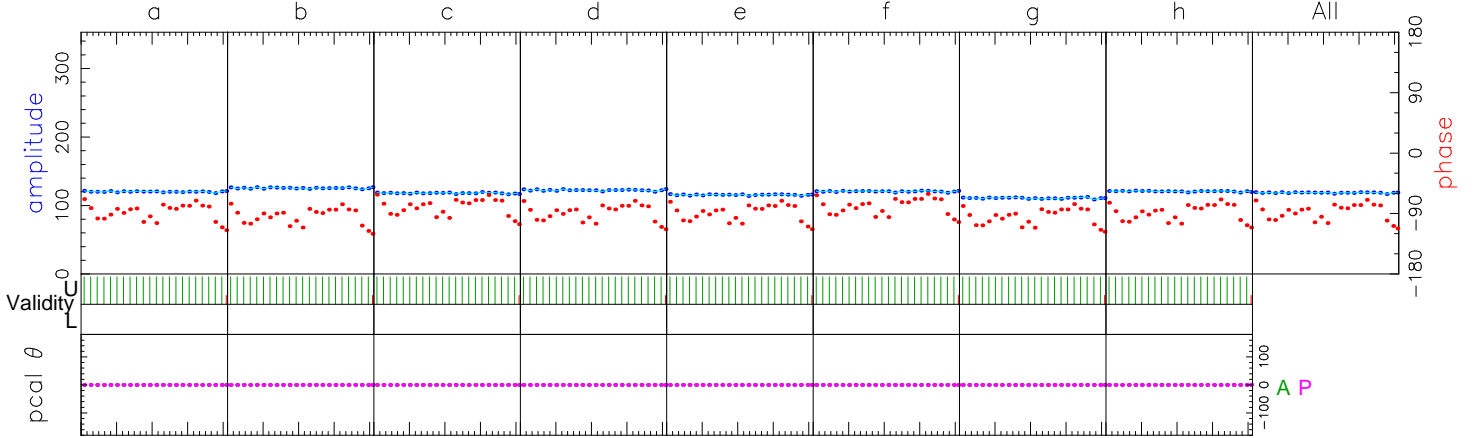
2018:249:082454

RA & Dec (J2000)

12h56m11.1666s

-5°47'21.525"

Amp. and Phase vs. time for each freq., 23 segs, 21 APs / seg (10.75 sec / seg.), time ticks 10 sec



86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
-87.4	-93.6	-79.8	-88.4	-88.7	-79.0	-94.5	-88.4	Phase	-87.5
117.8	123.0	115.8	120.0	113.3	118.2	108.7	118.3	Ampl.	116.9
127.6	127.9	127.5	127.9	127.3	127.9	127.2	128.0	Sbd box	127.7
U/L 469/0	469/0	469/0	469/0	469/0	469/0	469/0	469/0	APs used	
A 0	0	0	0	0	0	0	0	PC freqs	
P 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
A:P 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
A:P 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
A 1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P 1000	1000	1000	1000	1000	1000	1000	1000		
A W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
P W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	
								Chan ids	
								Tracks	
Group delay (usec)(sbd)	3.69911413752E+03	Apriori delay (usec)	3.69912495558E+03	Resid mbdelay (usec)	-1.08181E-02	+/-	6.2E-07		
Sband delay (usec)	3.69911443908E+03	Apriori clock (usec)	-2.1064009E+03	Resid sbdelay (usec)	-1.05165E-02	+/-	4.9E-06		
Phase delay (usec)	3.69912495276E+03	Apriori clockrate (us/s)	-5.3700002E-07	Resid phdelay (usec)	-2.82031E-06	+/-	1.1E-09		
Delay rate (us/s)	1.39825764664E+00	Apriori rate (us/s)	1.39825780792E+00	Resid rate (us/s)	-1.61279E-07	+/-	7.6E-12		
Total phase (deg)	155.0	Apriori accel (us/s/s)	-1.93944813692E-05	Resid phase (deg)	-87.5	+/-	0.0		

RMS Theor. Amplitude 117.697 +/- 0.033

ph/seg (deg) 11.5 0.1 Search (1024X32) 112.887

amp/seg (%) 1.1 0.1 Interp. 0.000

ph/frq (deg) 6.1 0.0 Inc. seg. avg. 118.762

amp/frq (%) 3.5 0.1 Inc. frq. avg. 116.881

Group delay (usec)(sbd) 3.69911413752E+03

Sband delay (usec) 3.69911443908E+03

Phase delay (usec) 3.69912495276E+03

Delay rate (us/s) 1.39825764664E+00

Total phase (deg) 155.0

Apriori delay (usec) 3.69912495558E+03

Apriori clock (usec) -2.1064009E+03

Apriori clockrate (us/s) -5.3700002E-07

Apriori rate (us/s) 1.39825780792E+00

Apriori accel (us/s/s) -1.93944813692E-05

Resid mbdelay (usec) -1.08181E-02 +/- 6.2E-07

Resid sbdelay (usec) -1.05165E-02 +/- 4.9E-06

Resid phdelay (usec) -2.82031E-06 +/- 1.1E-09

Resid rate (us/s) -1.61279E-07 +/- 7.6E-12

Resid phase (deg) -87.5 +/- 0.0

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

A: az 62.3 el 57.8 pa -125.1 P: az 225.9 el 35.5 pa 35.2 u,v (fr/asec) -8067.418 -8585.645 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181c/v2_pc1/1234/No0075/AP..0D2X6U Output file: /Exps/c181c/v2_pc1/1234/No0075/AP.W.25.0D2X6U