

Fringe quality 9

SNR 7.7

Int time 319.960

Amp 0.163

Phase -106.4

PFD 3.2e-06

Delays (us)

SBD 0.013827

MBD 0.000927

Fringe rate (Hz)

-0.006738

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

2018:312:153319

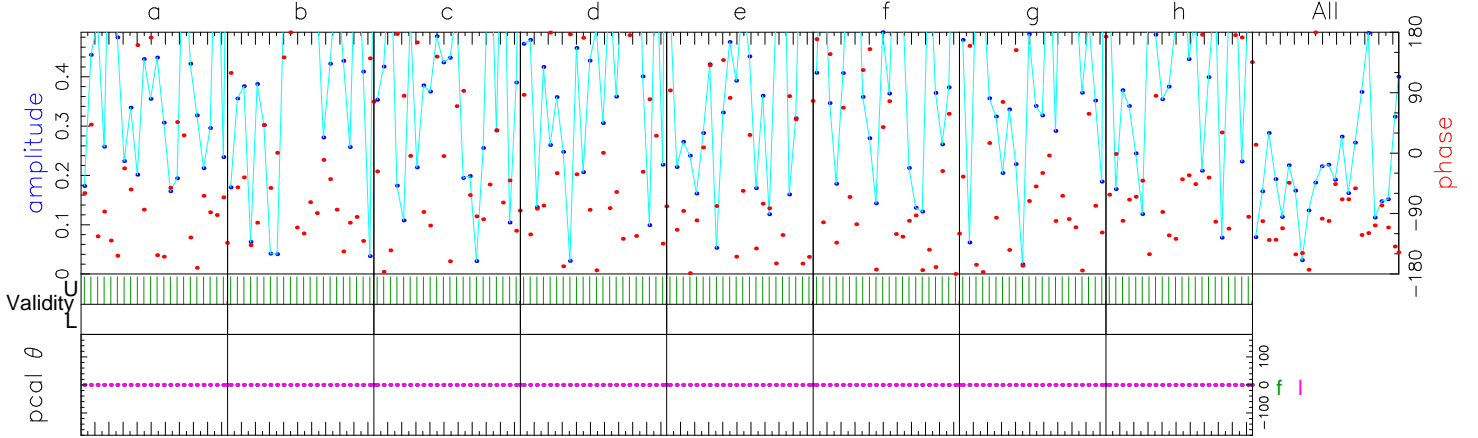
2018:249:082454

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 |
|-------------------------|--------------------|-------------|--------------------------|--------------------|----------------------|--------------|-------------|-------------|------------|--------|
| | -106.0 | -99.9 | -86.6 | -99.3 | -156.6 | -143.4 | -88.1 | -90.7 | Phase | -106.4 |
| | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | Ampl. | 0.2 |
| | 129.2 | 131.4 | 169.5 | 242.9 | 49.3 | 16.5 | 124.3 | 130.6 | Sbd box | 130.8 |
| U/L | 1172/0 | 1172/0 | 1172/0 | 1172/0 | 1172/0 | 1172/0 | 1172/0 | 1172/0 | APs used | |
| f | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC freqs | |
| l | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC freqs | |
| f:l | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | PC phase | |
| f:l | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | Manl PC | |
| f | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC amp | |
| l | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | |
| f | W00UR | W01UR,W01LR | W02UR,W02LR | W03UR,W03LR | W04UR,W04LR | W05UR,W05LR | W06UR,W06LR | W07UR,W07LR | Chan ids | |
| l | W00UL | W01UL,W01LL | W02UL,W02LL | W03UL,W03LL | W04UL,W04LL | W05UL,W05LL | W06UL,W06LL | W07UL,W07LL | Tracks | |
| | | | | | | | | | Chan ids | |
| | | | | | | | | | Tracks | |
| Group delay (usec)(sbd) | -1.34871523493E+03 | | Apriori delay (usec) | -1.34871616227E+03 | Resid mbdelay (usec) | 9.27333E-04 | +/- | 2.8E-04 | | |
| Sband delay (usec) | -1.34870233477E+03 | | Apriori clock (usec) | 4.0034447E+00 | Resid sbdelay (usec) | 1.38275E-02 | +/- | 2.2E-03 | | |
| Phase delay (usec) | -1.34871616570E+03 | | Apriori clockrate (us/s) | 1.4799999E-07 | Resid phdelay (usec) | -3.43020E-06 | +/- | 4.8E-07 | | |
| Delay rate (us/s) | -6.48651574525E-02 | | Apriori rate (us/s) | -6.48650792299E-02 | Resid rate (us/s) | -7.82226E-08 | +/- | 2.6E-09 | | |
| Total phase (deg) | | -184.7 | Apriori accel (us/s/s) | 1.49021381969E-06 | Resid phase (deg) | -106.4 | +/- | 14.8 | | |

RMS Theor. Amplitude 0.163 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

ph/seg (deg) 45.0 35.5 Search (4096X32) 0.162 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

amp/seg (%) 66.5 61.9 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

ph/frq (deg) 28.7 20.9 Inc. seg. avg. 0.172 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.011 0.011

amp/frq (%) 26.1 36.5 Inc. frq. avg. 0.165 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

f: az 303.5 el 32.2 pa 75.4 l: az 300.0 el 36.6 pa 71.4 u,v (fr/asec) 506.251 -393.924 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0010/fl..0D451T Output file: /Exps/c181d/v2_pc1/1234/No0010/fl.W.32.0D451T