

Fringe quality 7

SNR 27.3

Int time 599.979

Amp 0.576

Phase -62.6

PFD 0.0e+00

Delays (us)

SBD 0.048221

MBD 0.002326

Fringe rate (Hz)

-0.007145

Ion TEC 0.000

Ref freq (MHz)

86140.0000

AP (sec) 1.000

Exp. c172c

Exper # 16383

Yr:day 2017:273

Start 032000.00

Stop 033000.00

FRT 032500.00

Corr/FF/build

2018:024:164706

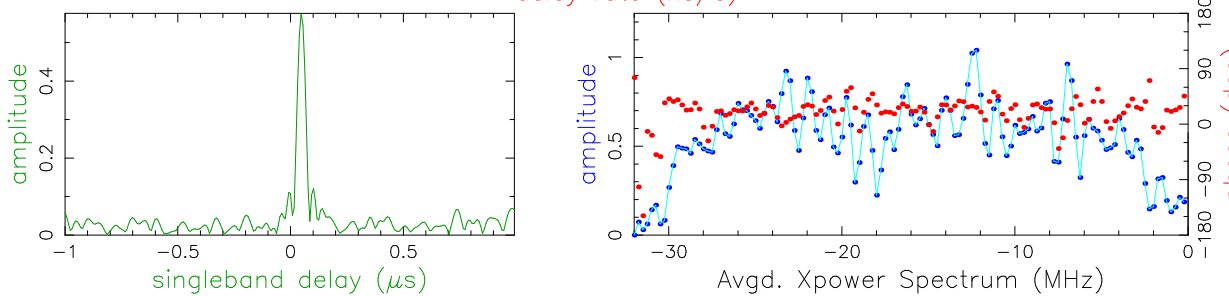
2018:074:182441

2018:058:134248

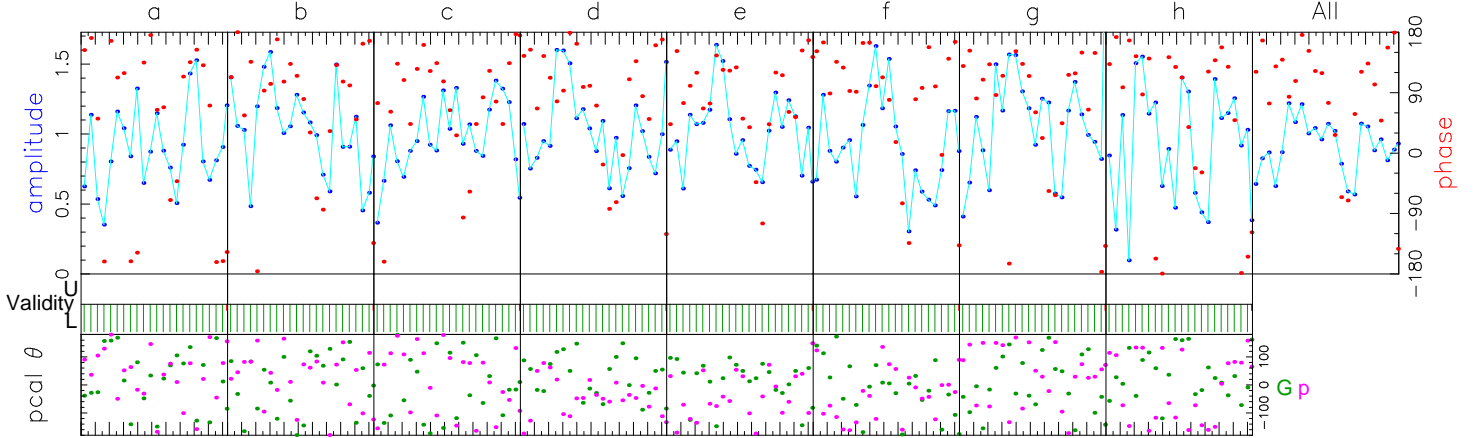
RA & Dec (J2000)

22h02m43.2914s

+42°16'39.980"



Amp. and Phase vs. time for each freq., 23 segs, 27 APs / seg (27.00 sec / seg.), time ticks 30 sec



| | 86156.00 | 86188.00 | 86220.00 | 86252.00 | 86284.00 | 86316.00 | 86348.00 | 86380.00 | Freq (MHz) | All |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|------------|-------|
| | 147.9 | 113.1 | 97.8 | 114.6 | 99.7 | 120.6 | 119.9 | 130.4 | Phase | 117.4 |
| | 0.5 | 0.6 | 0.6 | 0.5 | 0.7 | 0.6 | 0.6 | 0.6 | Ampl. | 0.6 |
| | 134.8 | 134.8 | 135.5 | 135.0 | 135.1 | 135.4 | 135.7 | 135.6 | Sbd box | 135.2 |
| U/L | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | APs used | |
| G | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | PC freqs | |
| p | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | PC freqs | |
| G:p | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | PC phase | |
| G:p | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | Manl PC | |
| G | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC amp | |
| p | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | |
| G | W00LR | W01LR | W02LR | W03LR | W04LR | W05LR | W06LR | W07LR | Chan ids | |
| | | | | | | | | | Tracks | |
| p | W00LL | W01LL | W02LL | W03LL | W04LL | W05LL | W06LL | W07LL | Chan ids | |
| | | | | | | | | | Tracks | |

Group delay (usec)(sbd) 6.51141084301E+02 Apriori delay (usec) 6.51107508454E+02 Resid mbdelay (usec) 2.32585E-03 +/- 8.0E-05

Sband delay (usec) 6.51155729454E+02 Apriori clock (usec) -1.4408208E+01 Resid sbdelay (usec) 4.82210E-02 +/- 6.3E-04

Phase delay (usec) 6.51107512240E+02 Apriori clockrate (us/s) -1.1500000E-07 Resid phdelay (usec) 3.78529E-06 +/- 1.4E-07

Delay rate (us/s) -4.53648414425E-01 Apriori rate (us/s) -4.53648331480E-01 Resid rate (us/s) -8.29446E-08 +/- 3.9E-10

Total phase (deg) -142.4 Apriori accel (us/s/s) 8.63498986355E-07 Resid phase (deg) -62.6 +/- 4.2

RMS Theor. Amplitude 0.576 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

ph/seg (deg) 66.5 10.1 Search (2048X32) 0.555 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

amp/seg (%) 66.6 17.6 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

ph/frq (deg) 17.5 5.9 Inc. seg. avg. 0.899 Sample rate(MSamp/s): 64 dr window (ns/s) -0.006 0.006

amp/frq (%) 8.8 10.4 Inc. frq. avg. 0.591 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

G: az 304.4 el 82.5 pa 120.6 p: az 56.7 el 72.5 pa -112.5 u,v (fr/asec) 3518.004 385.493 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172c/v3_v1_merge/1234/No0046/Gp..00TBLM Output file: /Exps/c172c/v3_v1_merge/1234/No0046/Gp.W.104.00TBLM