

Fringe quality 7

SNR 35.4

Int time 419.389

Amp 0.894

Phase -156.6

PFD 0.0e+00

Delays (us)

SBD 0.017655

MBD 0.002862

Fringe rate (Hz) 0.005746

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 0.500

Exp. c181e

Exper # 16383

Yr:day 2018:106

Start 130000.00

Stop 130700.00

FRT 130330.00

Corr/FF/build

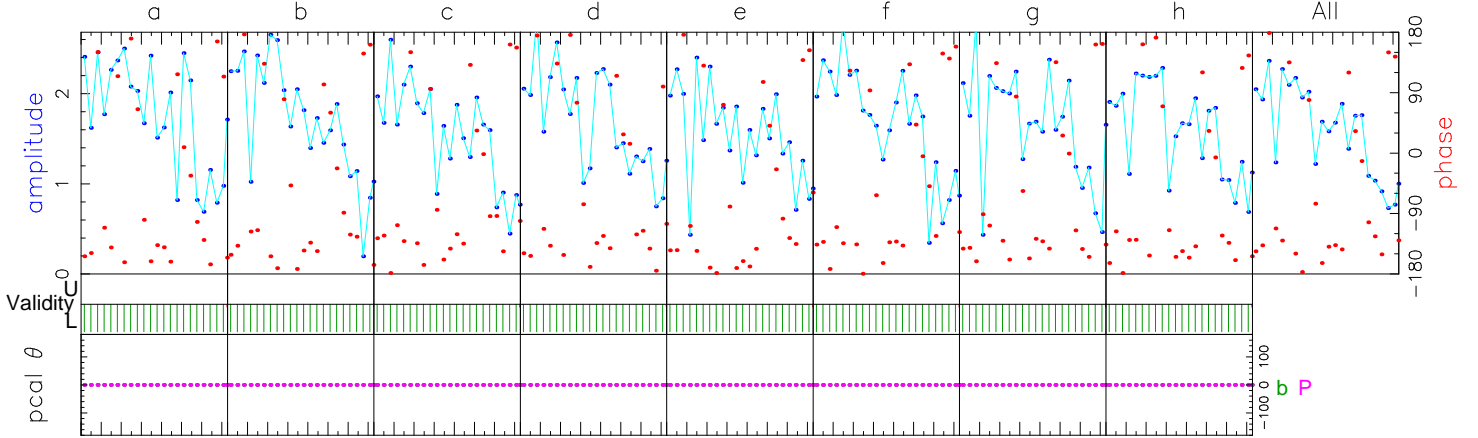
2018:244:065042

2018:244:140227

2018:095:094034

RA & Dec (J2000) 22h53m57.7479s +16°08'53.561"

Amp. and Phase vs. time for each freq., 23 segs, 38 APs / seg (19.00 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 |
| -162.0 | -154.1 | -147.5 | -159.0 | -165.3 | -153.3 | -148.3 | -162.9 | Phase | -156.6 |
| 0.9 | 0.9 | 0.9 | 1.0 | 0.8 | 0.9 | 0.9 | 0.9 | Ampl. | 0.9 |
| 131.0 | 131.0 | 131.3 | 131.2 | 131.4 | 131.2 | 131.4 | 131.6 | Sbd box | 131.3 |
| U/L 0/840 | 0/840 | 0/840 | 0/840 | 0/840 | 0/840 | 0/840 | 0/840 | APs used | |
| b -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | PC freqs | |
| P -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | PC freqs | |
| b:P 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | PC phase | |
| b:P 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | ManI PC | |
| b 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC amp | |
| P 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | |
| b W00LR | W01LR | W02LR | W03LR | W04LR | W05LR | W06LR | W07LR | Chan ids | |
| | | | | | | | | Tracks | |
| P W00LR | W01LR | W02LR | W03LR | W04LR | W05LR | W06LR | W07LR | Chan ids | |
| | | | | | | | | Tracks | |
| Group delay (usec)(sbd) | -2.67590029295E+03 | | Apriori delay (usec) | -2.67590315453E+03 | | Resid mbdelay (usec) | 2.86158E-03 | +/- | 6.1E-05 |
| Sband delay (usec) | -2.67588549953E+03 | | Apriori clock (usec) | -6.5813990E+00 | | Resid sbdelay (usec) | 1.76550E-02 | +/- | 4.9E-04 |
| Phase delay (usec) | -2.67590315958E+03 | | Apriori clockrate (us/s) | -1.1000001E-07 | | Resid phdelay (usec) | -5.04867E-06 | +/- | 1.0E-07 |
| Delay rate (us/s) | 1.84235526229E+00 | | Apriori rate (us/s) | 1.84235519558E+00 | | Resid rate (us/s) | 6.67039E-08 | +/- | 4.3E-10 |
| Total phase (deg) | | -59.8 | Apriori accel (us/s/s) | 1.86680205050E-05 | | Resid phase (deg) | -156.6 | +/- | 3.2 |

ph/seg (deg) 67.1 7.8 Theor. Amplitude 0.894 +/- 0.025 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

amp/seg (%) 97.4 13.5 Search (2048X32) 0.885 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

ph/frq (deg) 7.3 4.6 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

amp/frq (%) 4.6 8.0 Inc. seg. avg. 1.601 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.012 0.012

b: az 98.5 el 29.4 pa -43.4 P: az 260.4 el 39.4 pa 54.9 u,v (fr/asec) -10963.739 1685.745 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

Control file: cf_1234_gmva Input file: /Exps/c181e/v2/1234/No0049/bP..09M5UB Output file: /Exps/c181e/v2/1234/No0049/bP.W.34.09M5UB simultaneous interpolator