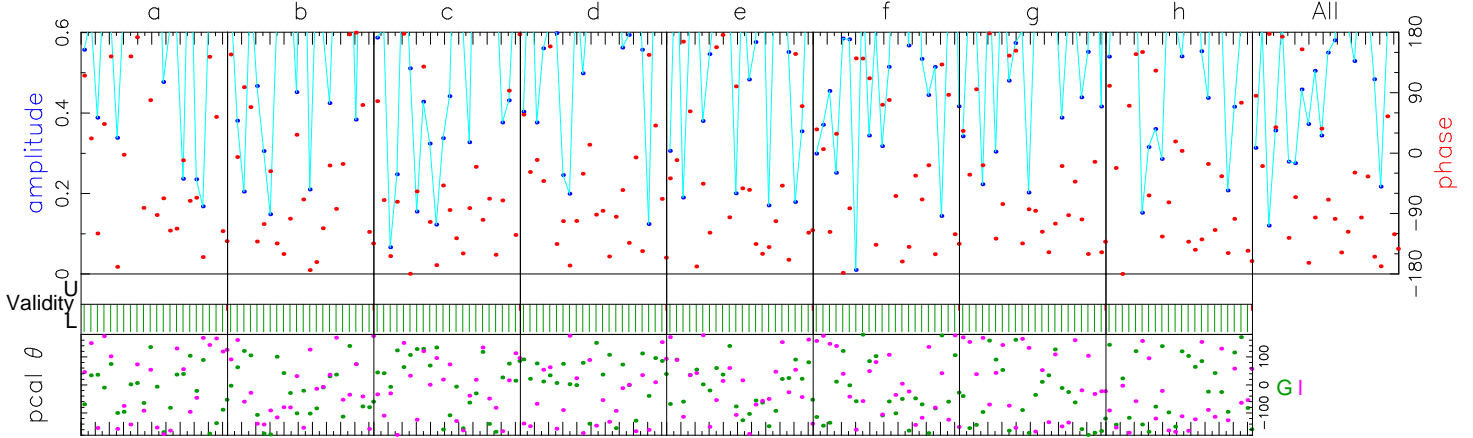


Fringe quality 9

SNR 9.5
 Int time 599.981
 Amp 0.200
 Phase 74.2
 PFD 4.7e-13
 Delays (us)
 SBD -0.015396
 MBD 0.000356
 Fringe rate (Hz)
 -0.005151
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 1.000

Exp. c172b
 Exper # 16383
 Yr:day 2017:272
 Start 200000.00
 Stop 201000.00
 FRT 200500.00
 Corr/FF/build
 2018:047:110446
 2018:051:185919
 2017:188:152524
 RA & Dec (J2000)
 15h04m24.9798s
 +10°29'39.199"

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 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|------------|-------|
| U/L | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | Ampl. | 0.2 |
| G | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | Sbd box | 127.0 |
| I | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | PC freqs | |
| G:I | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | PC phase | |
| G:I | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | ManI PC | |
| G | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC amp | |
| I | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | |
| G | W00LL | W01LL | W02LL | W03LL | W04LL | W05LL | W06LL | W07LL | Chan ids | |
| I | W00LR | W01LR | W02LR | W03LR | W04LR | W05LR | W06LR | W07LR | Tracks | |

Group delay (usec)(sbd) 8.09236365368E+02 Apriori delay (usec) 8.09267259782E+02 Resid mbdelay (usec) 3.55585E-04 +/- 2.3E-04
 Sband delay (usec) 8.09251863782E+02 Apriori clock (usec) -6.2075472E+00 Resid sbdelay (usec) -1.53960E-02 +/- 1.8E-03
 Phase delay (usec) 8.09267256369E+02 Apriori clockrate (us/s) 2.4900001E-07 Resid phdelay (usec) -3.41323E-06 +/- 3.9E-07
 Delay rate (us/s) -5.55903367578E-01 Apriori rate (us/s) -5.55903307778E-01 Resid rate (us/s) -5.97998E-08 +/- 1.1E-09
 Total phase (deg) 346.9 Apriori accel (us/s/s) -3.58306600087E-06 Resid phase (deg) 74.2 +/- 12.1

RMS Theor. Amplitude 0.200 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 82.6 29.0 Search (2048X32) 0.197 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 176.8 50.5 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 ph/frq (deg) 15.4 17.1 Inc. seg. avg. 0.442 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.006 0.006
 amp/frq (%) 33.8 29.8 Inc. frq. avg. 0.198 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

G: az 185.5 el 61.9 pa 5.9 I: az 133.7 el 56.7 pa -35.3 u,v (fr/asec) 3230.614 252.646 simultaneous interpolator
 Control file: cf_1234 Input file: /Exps/c172b/v2_v1_merge/merged/1234/No0046/GI.zzsqvl Output file: /Exps/c172b/v2_v1_merge/merged/1234/No0046/GI.W.67.zzsqvl