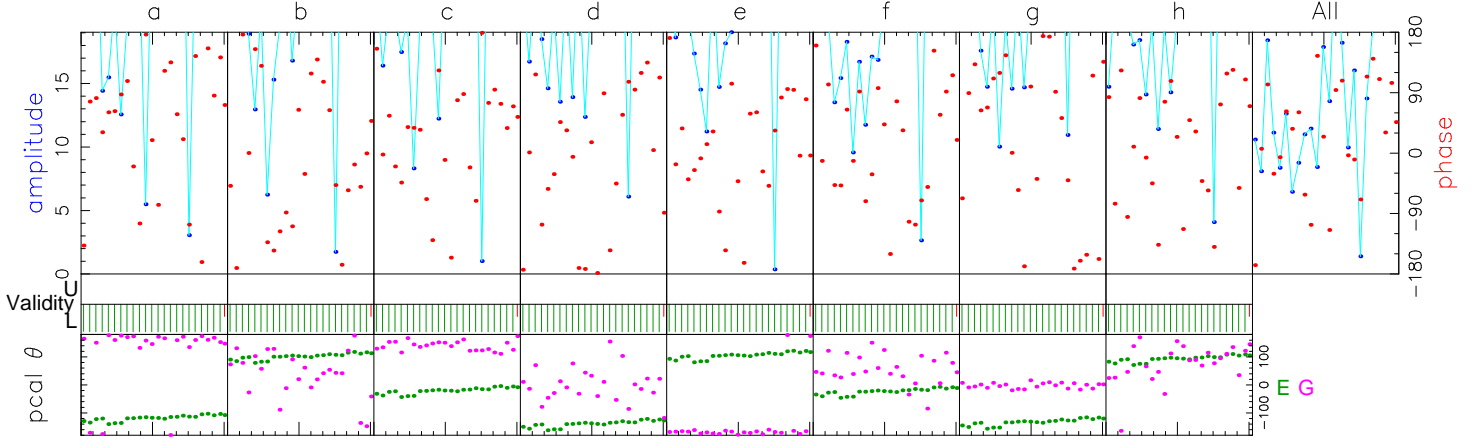


Fringe quality 1
Error code G
SNR 134.2
Int time 119.914
Amp 6.349
Phase 73.3
PFD 0.0e+00
Delays (us)
SBD -0.004973
MBD -0.008484
Fringe rate (Hz)
-0.030518
Ion TEC 0.000
Ref freq (MHz)
86156.0000
AP (sec) 1.024
Exp. c171c
Exper # 16383
Yr:day 2017:091
Start 021500.00
Stop 021700.83
FRT 021830.00
Corr/FF/build
2017:150:135037
2017:150:135354
2017:146:101844
RA & Dec (J2000)
12h56m11.1666s
-5°47'21.525"

Amp. and Phase vs. time for each freq., 24 segs, 5 APs / seg (5.12 sec / seg.), time ticks 10 sec



| | 86156.00 | 86188.00 | 86220.00 | 86252.00 | 86284.00 | 86316.00 | 86348.00 | 86380.00 | Freq (MHz) | All |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|------------------|--------|
| U/L | 104.1 | -32.9 | 50.1 | 95.1 | 34.8 | 60.2 | 147.4 | 49.8 | Phase | 73.3 |
| E | 11.0 | 2.1 | 11.8 | 5.8 | 11.0 | 6.6 | 10.7 | 7.9 | Ampl. | 8.3 |
| G | 4096.5 | 5119.1 | 4096.1 | 4096.4 | 4096.2 | 4096.7 | 4096.4 | 4096.6 | Sbd box | 4096.4 |
| E | 0/118 | 0/118 | 0/118 | 0/118 | 0/118 | 0/118 | 0/118 | 0/118 | APs used | |
| G | 170.5 | 167.7 | 167.0 | 166.5 | 168.2 | 166.1 | 167.7 | 168.6 | PC L delays (ns) | |
| E | 535.6 | 492.7 | 517.0 | 477.6 | 434.2 | 481.4 | 454.7 | 451.7 | PC L delays (ns) | |
| E:G | -118:164 | 102:58 | -21:142 | -139:-11 | 105:-170 | -23:61 | -133:-2 | 94:99 | PC phase | |
| E:G | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | ManI PC | |
| E | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | PC amp | |
| G | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| E | W00LL | W01LL | W02LL | W03LL | W04LL | W05LL | W06LL | W07LL | Chan ids | |
| G | W00LL | W01LL | W02LL | W03LL | W04LL | W05LL | W06LL | W07LL | Tracks | |

| | | | | | | | |
|---------------------------|--------------------|--------------------------|--------------------|----------------------|--------------|-----|---------|
| Group delay (usec)(model) | -2.07839309944E+02 | Apriori delay (usec) | -2.07830825465E+02 | Resid mbdelay (usec) | -8.48448E-03 | +/- | 1.6E-05 |
| Sband delay (usec) | -2.07835798465E+02 | Apriori clock (usec) | 3.9512684E+01 | Resid sbdelay (usec) | -4.97300E-03 | +/- | 1.3E-04 |
| Phase delay (usec) | -2.07830823102E+02 | Apriori clockrate (us/s) | 4.4969987E-07 | Resid phdelay (usec) | 2.36276E-06 | +/- | 2.8E-08 |
| Delay rate (us/s) | -1.51525912266E+00 | Apriori rate (us/s) | -1.51525876844E+00 | Resid rate (us/s) | -3.54213E-07 | +/- | 3.9E-10 |
| Total phase (deg) | -142.3 | Apriori accel (us/s/s) | -4.24183770002E-07 | Resid phase (deg) | 73.3 | +/- | 0.9 |

| | | | | | | | | | |
|--------------|----------|------------|---------------------------|-----------------|--|-----------------------|------------------|---------|--------|
| ph/seg (deg) | RMS 85.5 | Theor. 2.1 | Amplitude Search (256X32) | 6.349 +/- 0.047 | Pcal mode: MULTITONE, MULTITONE | PC period (AP's) 5, 5 | sb window (us) | -32.000 | 32.000 |
| amp/seg (%) | 160.4 | 3.7 | Interp. | 0.000 | Pcal rate: 0.000E+00, 0.000E+00 (us/s) | SampCntNorm: disabled | mb window (us) | -0.016 | 0.016 |
| ph/frq (deg) | 59.1 | 1.2 | Inc. seg. avg. | 14.169 | Bits/sample: 2x2 | | dr window (ns/s) | -0.006 | 0.006 |
| amp/frq (%) | 59.1 | 2.1 | Inc. frq. avg. | 8.348 | Sample rate(MSamp/s): 64 | | ion window (TEC) | 0.00 | 0.00 |
| | | | | | Data rate(Mb/s): 1024 | | | | |