

Fringe quality 9

SNR 14.9

Int time 599.989

Amp 0.314

Phase -103.4

PFD 1.6e-41

Delays (us)

SBD 0.001106

MBD 0.000752

Fringe rate (Hz) 0.000875

Ion TEC 0.000

Ref freq (MHz) 86140.0000

AP (sec) 1.000

Exp. c172b

Exper # 16383

Yr:day 2017:272

Start 180000.00

Stop 181000.00

FRT 180500.00

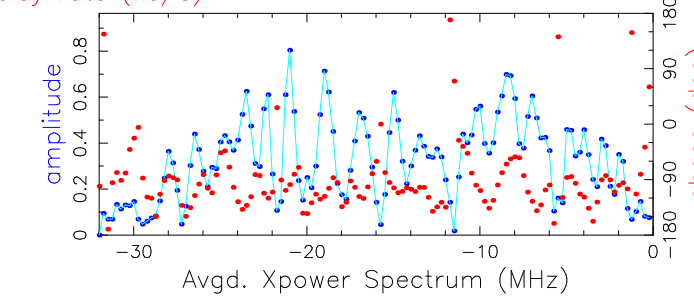
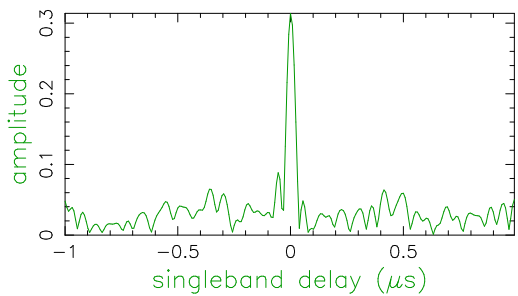
Corr/FF/build

2018:047:105434

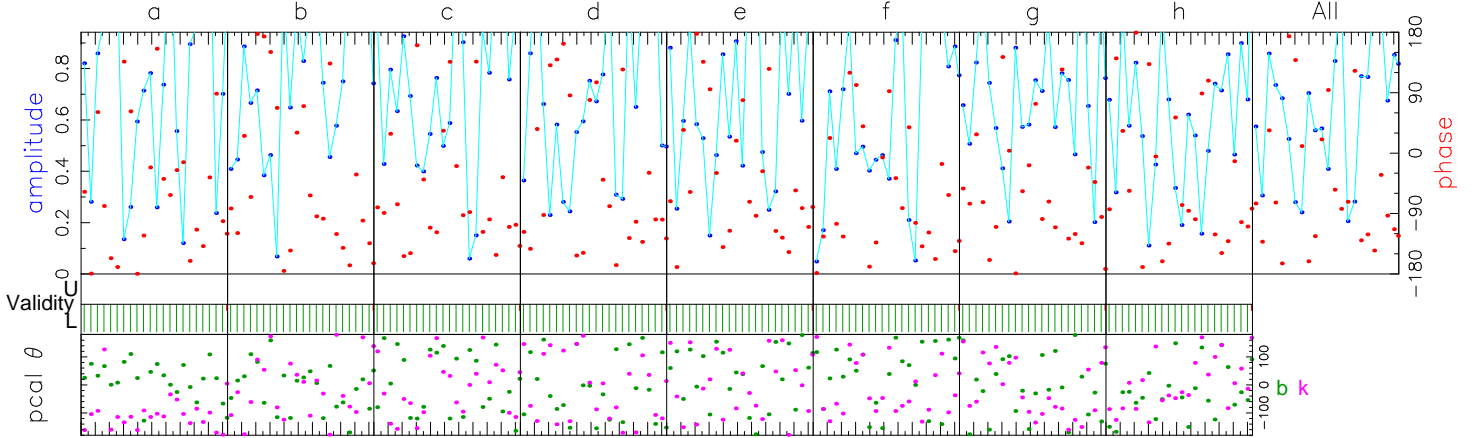
2018:051:174748

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 |
| -99.7 | -117.9 | -97.6 | -113.1 | -89.2 | -103.3 | -97.1 | -118.5 | Phase | -103.4 |
| 0.3 | 0.3 | 0.4 | 0.3 | 0.4 | 0.2 | 0.3 | 0.3 | Ampl. | 0.3 |
| 128.9 | 128.8 | 129.2 | 128.7 | 129.4 | 130.1 | 129.1 | 129.1 | Sbd box | 129.1 |
| U/L 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | 0/600 | APs used | |
| b -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | PC freqs | |
| k -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | -1000 | PC freqs | |
| b:k 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | PC phase | |
| b:k 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | 0:0 | Manl PC | |
| b 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | PC amp | |
| k 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | |
| b W00LL | W01LL | W02LL | W03LL | W04LL | W05LL | W06LL | W07LL | Chan ids | |
| k W00LL | W01LL | W02LL | W03LL | W04LL | W05LL | W06LL | W07LL | Tracks | |
| | | | | | | | | Chan ids | |
| | | | | | | | | Tracks | |
| Group delay (usec)(sbd) | -2.91903133066E+03 | Apriori delay (usec) | -2.91903208243E+03 | Resid mbdelay (usec) | 7.51770E-04 | +/- | 1.5E-04 | | |
| Sband delay (usec) | -2.91903097693E+03 | Apriori clock (usec) | -1.3699076E+00 | Resid sbdelay (usec) | 1.10550E-03 | +/- | 1.2E-03 | | |
| Phase delay (usec) | -2.91903208576E+03 | Apriori clockrate (us/s) | 6.3000007E-09 | Resid phdelay (usec) | -3.33390E-06 | +/- | 2.5E-07 | | |
| Delay rate (us/s) | -1.66535473852E-01 | Apriori rate (us/s) | -1.66535484004E-01 | Resid rate (us/s) | 1.01528E-08 | +/- | 7.2E-10 | | |
| Total phase (deg) | -312.3 | Apriori accel (us/s/s) | 1.99121374057E-05 | Resid phase (deg) | -103.4 | +/- | 7.7 | | |

ph/seg (deg) 77.7 18.5 Theor. Amplitude 0.314 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

amp/seg (%) 134.5 32.3 Search (2048X32) 0.309 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

ph/frq (deg) 11.7 10.9 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

amp/frq (%) 21.5 19.0 Inc. seg. avg. 0.610 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.006 0.006

b: az 100.1 el 22.8 pa -41.9 k: az 97.6 el 31.5 pa -58.6 u,v (fr/asec) 1007.075 2159.050 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172b/v2_v1_merge/merged/1234/No0034/bk.zzsqt Output file: /Exps/c172b/v2_v1_merge/merged/1234/No0034/bk.W.9.zzsqt