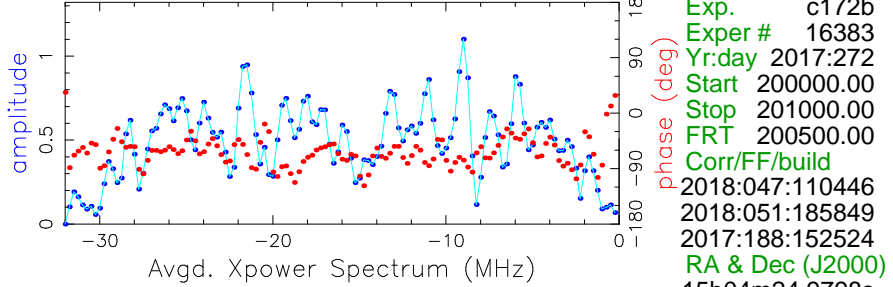
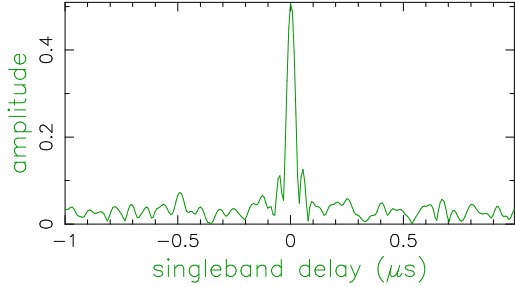


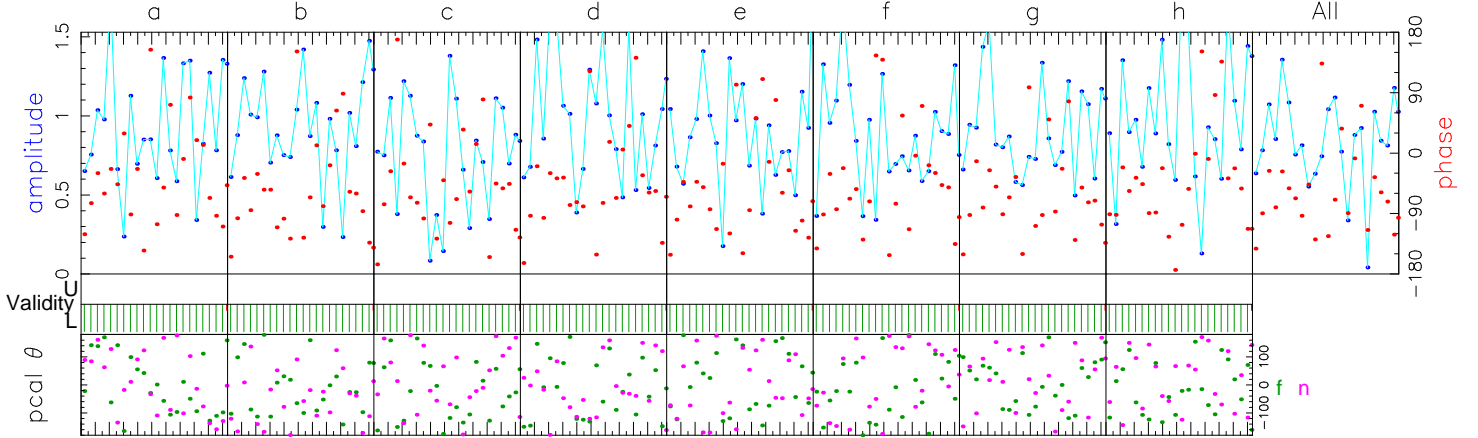
Fringe quality 7

SNR 24.1
Int time 599.848
Amp 0.510
Phase -65.4
PFD 0.0e+00
Delays (us)
SBD 0.002025
MBD 0.001892
Fringe rate (Hz) -0.000578
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
2018:051:185849
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
-53.7	-78.9	-63.5	-53.0	-83.8	-64.0	-68.2	-60.7	Phase	-65.4
0.5	0.6	0.5	0.5	0.4	0.5	0.5	0.6	Ampl.	0.5
128.8	128.7	129.3	129.4	129.6	129.3	129.4	129.7	Sbd box	129.3
U/L 0/600	0/600	0/600	0/600	0/600	0/600	0/600	0/600	APs used	
f -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
n -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
f:n 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
f:n 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
f 1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
n 1000	1000	1000	1000	1000	1000	1000	1000		
f W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
n W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Tracks	
								Chan ids	
								Tracks	

Group delay (usec)(sbd) 8.19230980961E+02 Apriori delay (usec) 8.19229088471E+02 Resid mbdelay (usec) 1.89249E-03 +/- 9.0E-05

Sband delay (usec) 8.19231113471E+02 Apriori clock (usec) -9.3437090E+00 Resid sbdelay (usec) 2.02500E-03 +/- 7.1E-04

Phase delay (usec) 8.19229086361E+02 Apriori clockrate (us/s) -6.2600001E-07 Resid phdelay (usec) -2.11002E-06 +/- 1.5E-07

Delay rate (us/s) 2.98636680550E-01 Apriori rate (us/s) 2.98636687264E-01 Resid rate (us/s) -6.71327E-09 +/- 4.4E-10

Total phase (deg) 179.7 Apriori accel (us/s/s) -7.60075701696E-06 Resid phase (deg) -65.4 +/- 4.7

RMS Theor. Amplitude 0.510 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5

ph/seg (deg) 61.4 11.4 Search (2048X32) 0.504 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

amp/seg (%) 83.7 19.9 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016

ph/frq (deg) 11.9 6.7 Inc. seg. avg. 0.816 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 (%) 11.8 11.7 Inc. frq. avg. 0.511 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

f: az 130.8 el 61.6 pa -40.4 n: az 163.1 el 57.7 pa -12.1 u,v (fr/asec) -1753.830 -1463.812 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172b/v2_v1_merge/merged/1234/No0046/fn.zzsqvl Output file: /Exps/c172b/v2_v1_merge/merged/1234/No0046/fn.W.50.zzsqvl