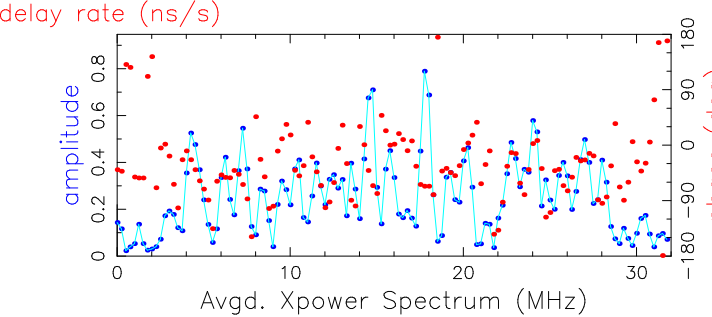
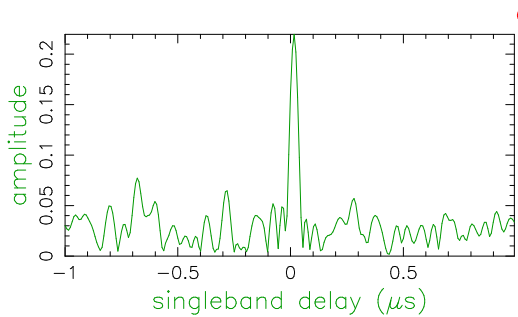
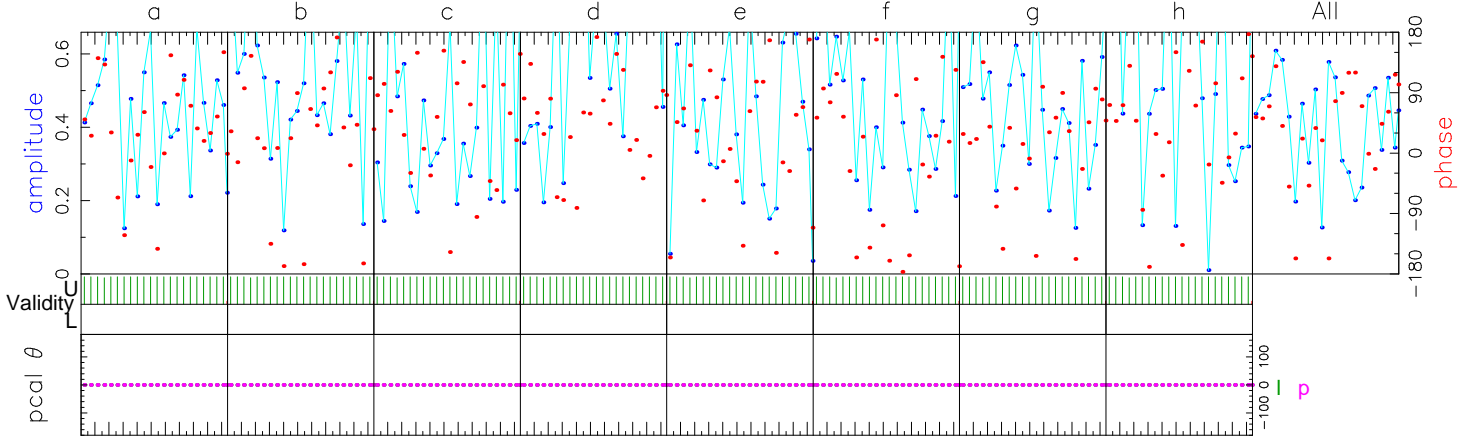


Fringe quality 9
 SNR 10.4
 Int time 319.453
 Amp 0.220
 Phase 235.3
 PFD 1.1e-16
 Delays (us)
 SBD 0.015260
 MBD -0.001310
 Fringe rate (Hz)
 -0.005635
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512



Exp. c181d
 Exper # 16383
 Yr:day 2018:105
 Start 203001.00
 Stop 204001.06
 FRT 203501.00
 Corr/FF/build
 2018:288:135048
 2018:312:154521
 2018:249:082454
 RA & Dec (J2000)
 22h02m43.2914s
 +42°16'39.980"

Amp. and Phase vs. time for each freq., 23 segs, 53 APs / seg (27.14 sec / seg.), time ticks 30 sec



	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
U/L	1171/0	1171/0	1171/0	1171/0	1171/0	1171/0	1171/0	1171/0		
l	1000	1000	1000	1000	1000	1000	1000	1000	APs used	
p	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
l:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
l:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
l	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p	1000	1000	1000	1000	1000	1000	1000	1000		
l	W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Chan ids	
p	W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Tracks	
Group delay (usec)(sbd)		-1.83255470130E+02		Apriori delay (usec)	-1.83285410531E+02		Resid mbdelay (usec)	-1.30960E-03		+/- 2.1E-04
Sband delay (usec)		-1.83270150031E+02		Apriori clock (usec)	-1.5921427E+01		Resid sbdelay (usec)	1.52605E-02		+/- 1.7E-03
Phase delay (usec)		-1.83285408749E+02		Apriori clockrate (us/s)	-6.2200001E-07		Resid phdelay (usec)	1.78218E-06		+/- 3.6E-07
Delay rate (us/s)		8.20105504029E-03		Apriori rate (us/s)	8.20112046283E-03		Resid rate (us/s)	-6.54225E-08		+/- 1.9E-09
Total phase (deg)			140.5	Apriori accel (us/s/s)	2.48800658865E-06		Resid phase (deg)	235.3		+/- 11.0

ph/seg (deg) 66.6 26.4
 amp/seg (%) 105.7 46.1
 ph/frq (deg) 16.5 15.6
 amp/frq (%) 23.3 27.2

RMS Theor. Amplitude 0.220 +/- 0.021
 Search (4096X32) 0.215
 Interp. 0.000
 Inc. seg. avg. 0.368
 Inc. frq. avg. 0.218

Group delay (usec)(sbd) -1.83255470130E+02
 Sband delay (usec) -1.83270150031E+02
 Phase delay (usec) -1.83285408749E+02
 Delay rate (us/s) 8.20105504029E-03
 Total phase (deg) 140.5

Apriori delay (usec) -1.83285410531E+02
 Apriori clock (usec) -1.5921427E+01
 Apriori clockrate (us/s) -6.2200001E-07
 Apriori rate (us/s) 8.20112046283E-03
 Apriori accel (us/s/s) 2.48800658865E-06

Resid mbdelay (usec) -1.30960E-03
 Resid sbdelay (usec) 1.52605E-02
 Resid phdelay (usec) 1.78218E-06
 Resid rate (us/s) -6.54225E-08
 Resid phase (deg) 235.3

PCal mode: MANUAL, MANUAL
 PCal rate: 0.000E+00, 0.000E+00 (us/s)
 Bits/sample: 2x2
 Sample rate(MSamp/s): 64
 Data rate(Mb/s): 1024

PC period (AP's) 5, 5
 sb window (us) -1.000 1.000
 SampCntNorm: enabled
 mb window (us) -0.016 0.016
 dr window (ns/s) -0.011 0.011
 ion window (TEC) 0.00 0.00

nlags: 128 t_cohere infinite

simultaneous interpolator

l: az 301.2 el 33.8 pa 69.4
 p: az 301.5 el 34.3 pa 71.8
 u,v (fr/asec) -57.395 316.774

Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0012/lp..0D452X Output file: /Exps/c181d/v2_pc1/1234/No0012/lp.W.72.0D452X