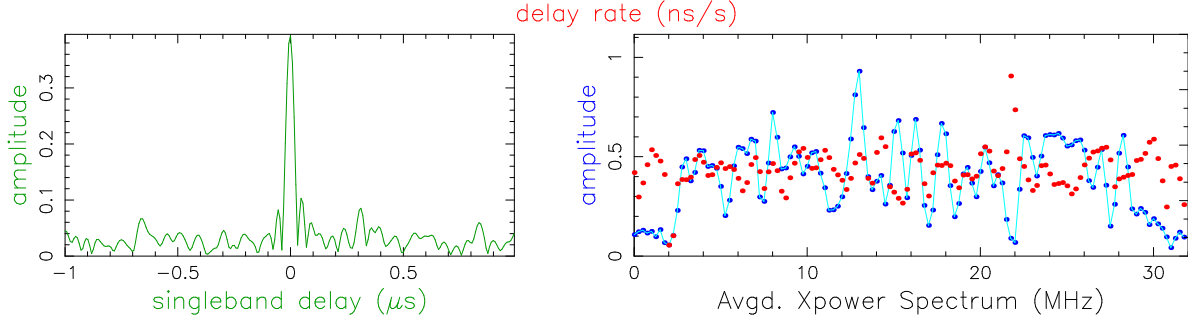


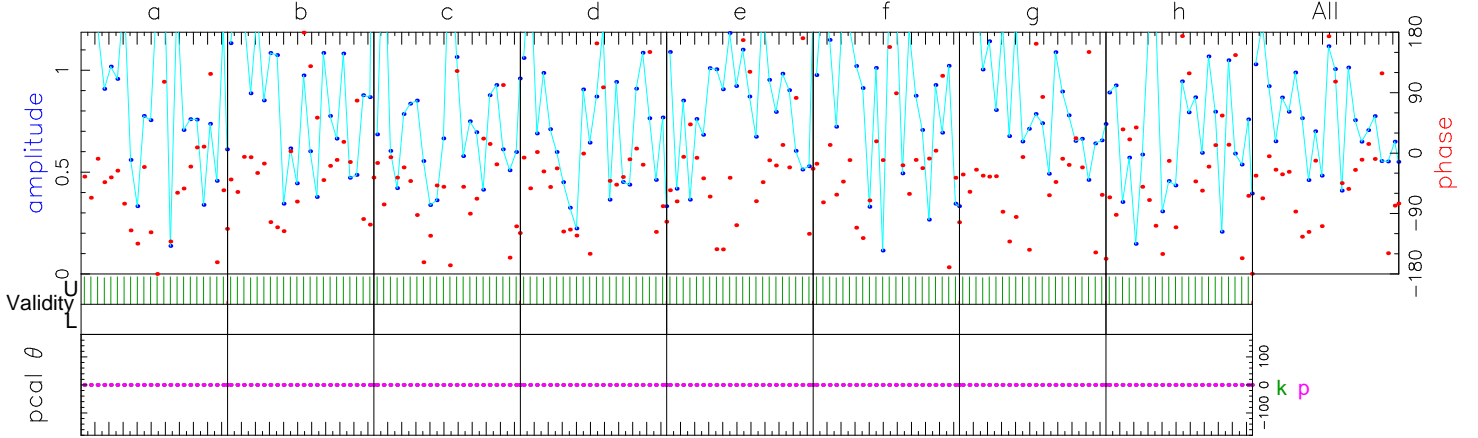
Fringe quality 9

SNR 18.7
Int time 319.453
Amp 0.396
Phase -47.2
PFD 0.0e+00
Delays (us)
SBD -0.002160
MBD -0.001038
Fringe rate (Hz)
-0.004182
Ion TEC 0.000
Ref freq (MHz)
86140.000
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
2018:312:154423
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
	-50.9	-41.5	-65.7	-36.0	-49.6	-32.4	-49.0	-56.4	Phase	-47.2
	0.5	0.5	0.3	0.4	0.4	0.4	0.5	0.3	Ampl.	0.4
	129.0	128.7	128.2	128.4	128.3	128.9	129.4	128.6	Sbd box	128.7
U/L	1171/0	1171/0	1171/0	1171/0	1171/0	1171/0	1171/0	1171/0	APs used	
k	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
p	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
k:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
kp	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	ManI PC	
k	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p	1000	1000	1000	1000	1000	1000	1000	1000		
k	W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Chan ids	
									Tracks	
p	W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Chan ids	
									Tracks	
Group delay (usec)(sbd)	3.76665601173E+02		Apriori delay (usec)		3.76666638919E+02		Resid mbdelay (usec)		-1.03775E-03	+/- 1.2E-04
Sband delay (usec)	3.76664479419E+02		Apriori clock (usec)		-5.2442455E+00		Resid sbdelay (usec)		-2.15950E-03	+/- 9.2E-04
Phase delay (usec)	3.7666637395E+02		Apriori clockrate (us/s)		-5.7566002E-07		Resid phdelay (usec)		-1.52330E-06	+/- 2.0E-07
Delay rate (us/s)	-6.08900641598E-03		Apriori rate (us/s)		-6.08895787092E-03		Resid rate (us/s)		-4.85451E-08	+/- 1.1E-09
Total phase (deg)	52.3		Apriori accel (us/s/s)		-4.63724763982E-06		Resid phase (deg)		-47.2	+/- 6.1

RMS Theor. Amplitude 0.396 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 70.6 14.7 Search (4096X32) 0.389 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 110.7 25.6 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 ph/frq (deg) 11.7 8.7 Inc. seg. avg. 0.751 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.011 0.011
 amp/frq (%) 19.9 15.1 Inc. frq. avg. 0.394 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

k: az 302.0 el 35.6 pa 76.1 p: az 301.5 el 34.3 pa 71.8 u,v (fr/asec) 35.740 -557.234 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0012/kp..0D452X Output file: /Exps/c181d/v2_pc1/1234/No0012/kp.W.57.0D452X