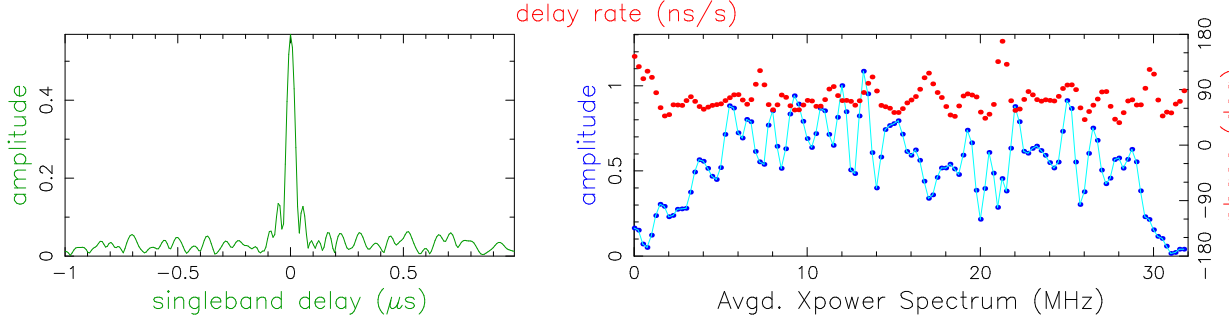


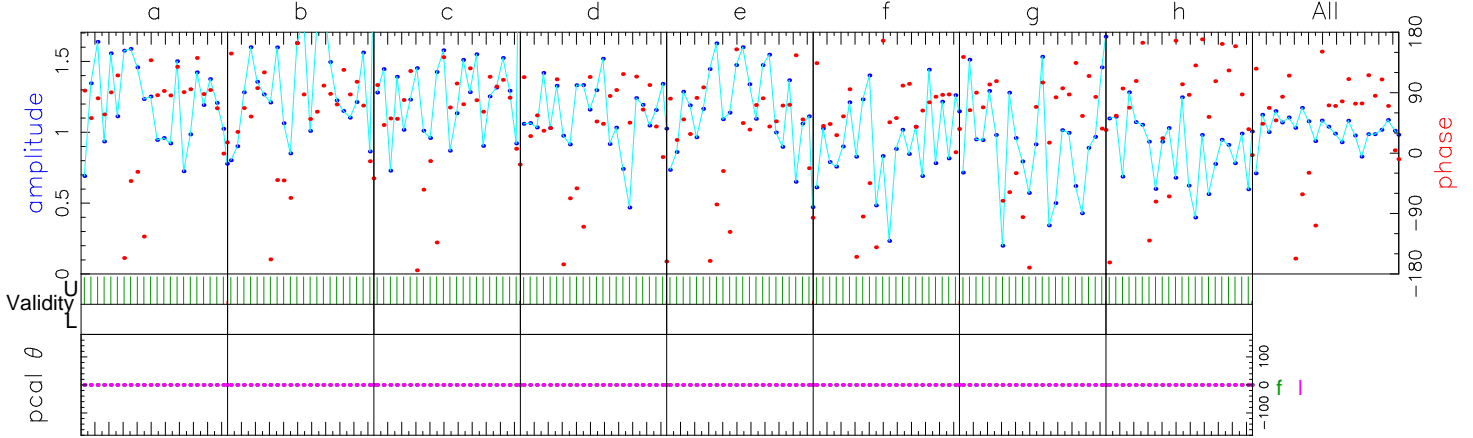
Fringe quality 7

SNR 26.9
Int time 319.710
Amp 0.569
Phase 79.3
PFD 0.0e+00
Delays (us)
SBD 0.000823
MBD -0.000141
Fringe rate (Hz)
-0.009829
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
2018:312:154224
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
90.3	80.8	89.1	62.4	55.1	65.3	80.4	115.4	Phase	79.3
0.7	0.8	0.7	0.6	0.6	0.5	0.5	0.4	Ampl.	0.6
129.2	128.7	129.1	129.0	129.0	129.4	129.4	129.7	Sbd box	129.1
U/L 1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	APs used	
f 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
l 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
f:l 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
f:l 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	
l 1000	1000	1000	1000	1000	1000	1000	1000		
f W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Chan ids	
l W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Tracks	
								Chan ids	
								Tracks	
Group delay (usec)(sbd)	-1.40644965924E+03		Apriori delay (usec)	-1.40644951808E+03	Resid mbdelay (usec)	-1.41157E-04	+/-	8.1E-05	
Sband delay (usec)	-1.40644869458E+03		Apriori clock (usec)	4.0035777E+00	Resid sbdelay (usec)	8.23500E-04	+/-	6.4E-04	
Phase delay (usec)	-1.40644951552E+03		Apriori clockrate (us/s)	1.4799999E-07	Resid phdelay (usec)	2.55751E-06	+/-	1.4E-07	
Delay rate (us/s)	-6.33853324132E-02		Apriori rate (us/s)	-6.33852183085E-02	Resid rate (us/s)	-1.14105E-07	+/-	7.4E-10	
Total phase (deg)		-96.1	Apriori accel (us/s/s)	1.79718341676E-06	Resid phase (deg)	79.3	+/-	4.3	

RMS Theor. Amplitude 0.569 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 66.5 10.2 Search (4096X32) 0.552 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 81.0 17.8 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 ph/frq (deg) 20.8 6.0 Inc. seg. avg. 1.002 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 (%) 20.4 10.5 Inc. frq. avg. 0.589 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

f: az 304.4 el 29.4 pa 73.2 l: az 301.2 el 33.8 pa 69.4 u,v (fr/asec) 494.886 -370.267 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0012/fl..0D452X Output file: /Exps/c181d/v2_pc1/1234/No0012/fl.W.29.0D452X