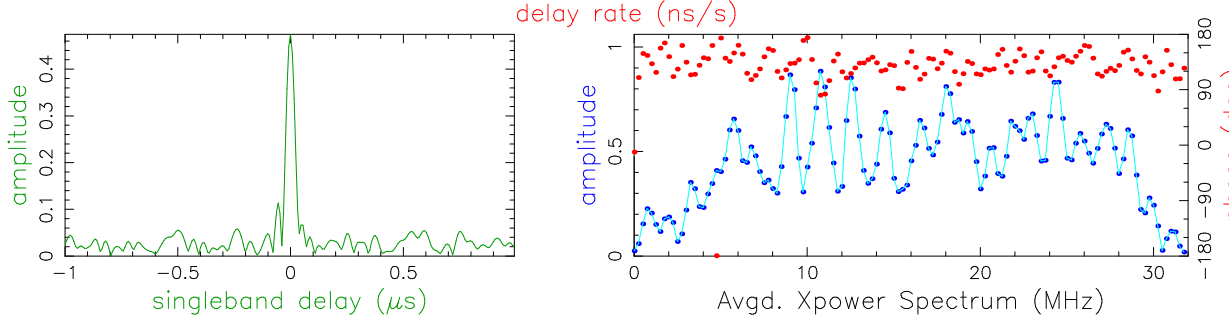


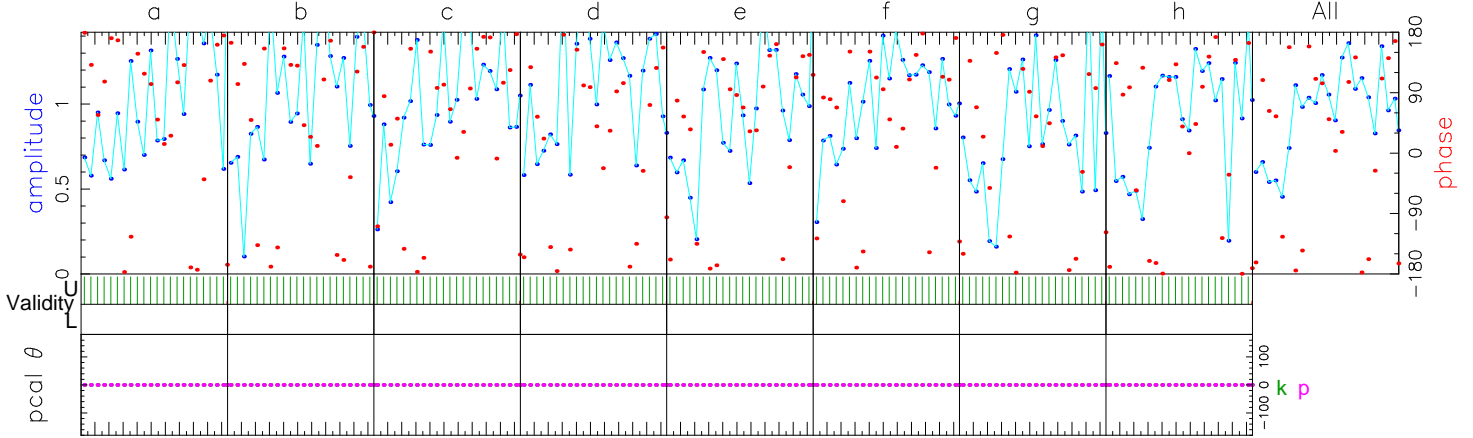
Fringe quality 9

SNR 22.5  
Int time 319.962  
Amp 0.475  
Phase 131.5  
PFD 0.0e+00  
Delays (us)  
SBD -0.000891  
MBD -0.001091  
Fringe rate (Hz) 0.000377  
Ion TEC 0.000  
Ref freq (MHz) 86140.0000  
AP (sec) 0.512

Exp. c181d  
Exper # 16383  
Yr:day 2018:105  
Start 201501.00  
Stop 202501.06  
FRT 202001.00  
Corr/FF/build  
2018:288:134436  
2018:312:153458  
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
135.5	149.7	121.1	116.3	126.4	120.3	135.4	146.0	Phase	131.5
0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	Ampl.	0.5
129.0	129.0	128.5	129.2	128.9	129.3	129.0	128.6	Sbd box	128.9
U/L 1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	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	Manl 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	
p W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Tracks	
								Chan ids	
								Tracks	
Group delay (usec)(sbd)	3.80264266154E+02		Apriori delay (usec)	3.80265357120E+02		Resid mbdelay (usec)	-1.09097E-03	+/-	9.7E-05
Sband delay (usec)	3.80264465620E+02		Apriori clock (usec)	-5.2437277E+00		Resid sbdelay (usec)	-8.91500E-04	+/-	7.7E-04
Phase delay (usec)	3.80265361361E+02		Apriori clockrate (us/s)	-5.7566002E-07		Resid phdelay (usec)	4.24136E-06	+/-	1.6E-07
Delay rate (us/s)	-1.90531921729E-03		Apriori rate (us/s)	-1.90532359937E-03		Resid rate (us/s)	4.38207E-09	+/-	8.9E-10
Total phase (deg)		82.0	Apriori accel (us/s/s)	-4.65638015784E-06		Resid phase (deg)	131.5	+/-	5.1

RMS Theor. Amplitude 0.475 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 ph/seg (deg) 69.6 12.2 Search (4096X32) 0.471 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 amp/seg (%) 113.6 21.3 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 ph/frq (deg) 13.3 7.2 Inc. seg. avg. 0.928 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 (%) 8.4 12.6 Inc. frq. avg. 0.480 Data rate(Mb/s): 1024 nlags: 128 t\_cohere infinite ion window (TEC) 0.00 0.00

k: az 301.2 el 38.5 pa 78.3 p: az 300.4 el 37.2 pa 73.9 u,v (fr/asec) 1.111 -558.092 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/c181d/v2\_pc1/1234/No0010/kp..0D451T Output file: /Exps/c181d/v2\_pc1/1234/No0010/kp.W.57.0D451T