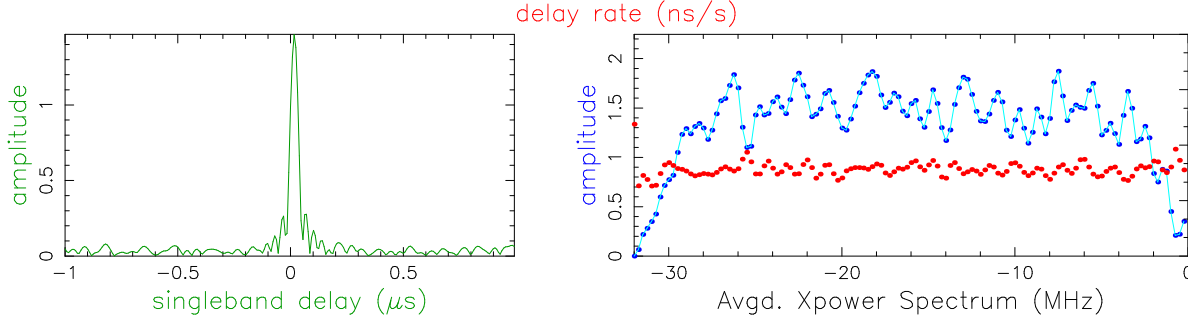
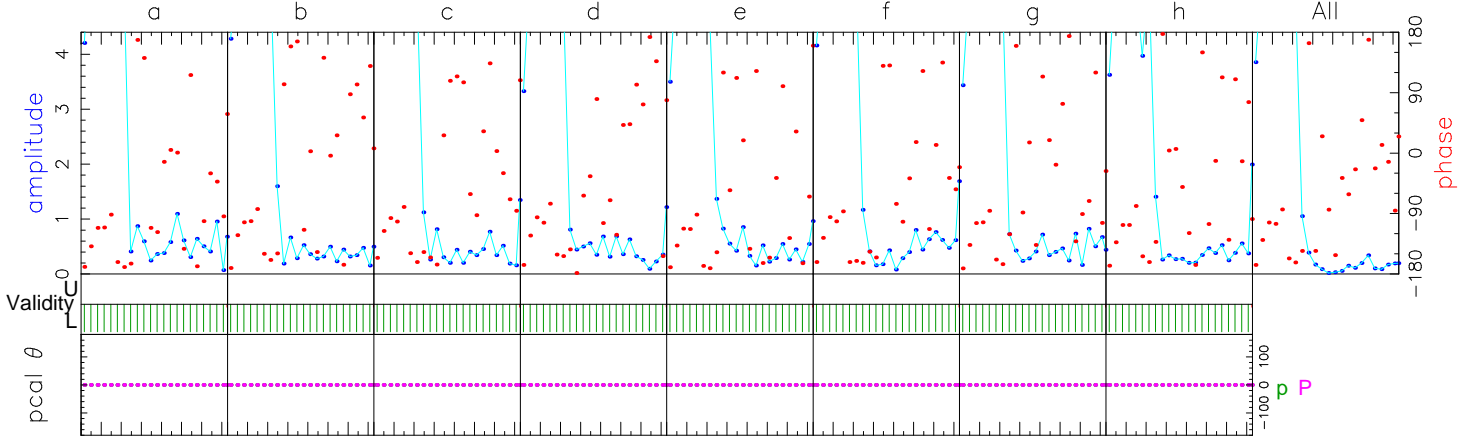


Fringe quality 5
 SNR 58.1
 Int time 419.409
 Amp 1.468
 Phase -127.5
 PFD 0.0e+00
 Delays (us)
 SBD 0.016688
 MBD 0.001417
 Fringe rate (Hz)
 0.010285
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.500
 Exp. c181e
 Exper # 16383
 Yr:day 2018:106
 Start 134500.00
 Stop 135200.00
 FRT 134830.00
 Corr/FF/build
 2018:244:075645
 2018:244:144652
 2018:095:094034
 RA & Dec (J2000)
 22h53m57.7479s
 +16°08'53.561"



Amp. and Phase vs. time for each freq., 23 segs, 38 APs / seg (19.00 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
-131.3	-128.1	-122.1	-119.6	-137.3	-125.6	-129.0	-126.9	Phase	-127.5
1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	Ampl.	1.5
130.8	131.1	131.1	131.4	131.3	131.1	131.0	131.4	Sbd box	131.1
U/L 0/840	0/840	0/840	0/840	0/840	0/840	0/840	0/840	APs used	
p -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
P -1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
p:P 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
P:P 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	ManI PC	
p 1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P 1000	1000	1000	1000	1000	1000	1000	1000		
p W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
P W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Tracks	

Group delay (usec)(sbd) 5.72607667265E+03 Apriori delay (usec) 5.72607525599E+03 Resid mbdelay (usec) 1.41665E-03 +/- 3.7E-05
 Sband delay (usec) 5.72609194399E+03 Apriori clock (usec) 5.8800783E+00 Resid sbdelay (usec) 1.66880E-02 +/- 3.0E-04
 Phase delay (usec) 5.72607525188E+03 Apriori clockrate (us/s) 4.5200001E-07 Resid phdelay (usec) -4.11032E-06 +/- 6.4E-08
 Delay rate (us/s) 1.86898193416E+00 Apriori rate (us/s) 1.86898181476E+00 Resid rate (us/s) 1.19398E-07 +/- 2.6E-10
 Total phase (deg) 70.9 Apriori accel (us/s/s) -3.16547980363E-05 Resid phase (deg) -127.5 +/- 2.0

RMS Theor. Amplitude 1.468 +/- 0.025 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 80.7 4.7 Search (2048X32) 1.430 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 160.0 8.3 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 ph/frq (deg) 5.9 2.8 Inc. seg. avg. 1.768 Sample rate(MSamp/s): 64 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite dr window (ns/s) -0.012 0.012
 amp/frq (%) 4.1 4.9 Inc. frq. avg. 1.469 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

p: az 105.6 el 49.0 pa -55.6 P: az 267.7 el 30.7 pa 56.1 u,v (fr/asec) -11197.189 -990.930 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/c181e/v2/1234/No0055/pP..09M7OX Output file: /Exps/c181e/v2/1234/No0055/pP.W.178.09M7OX