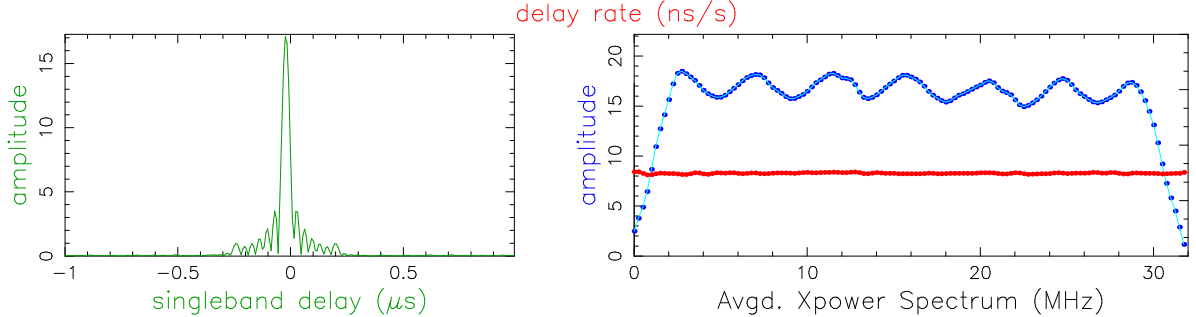
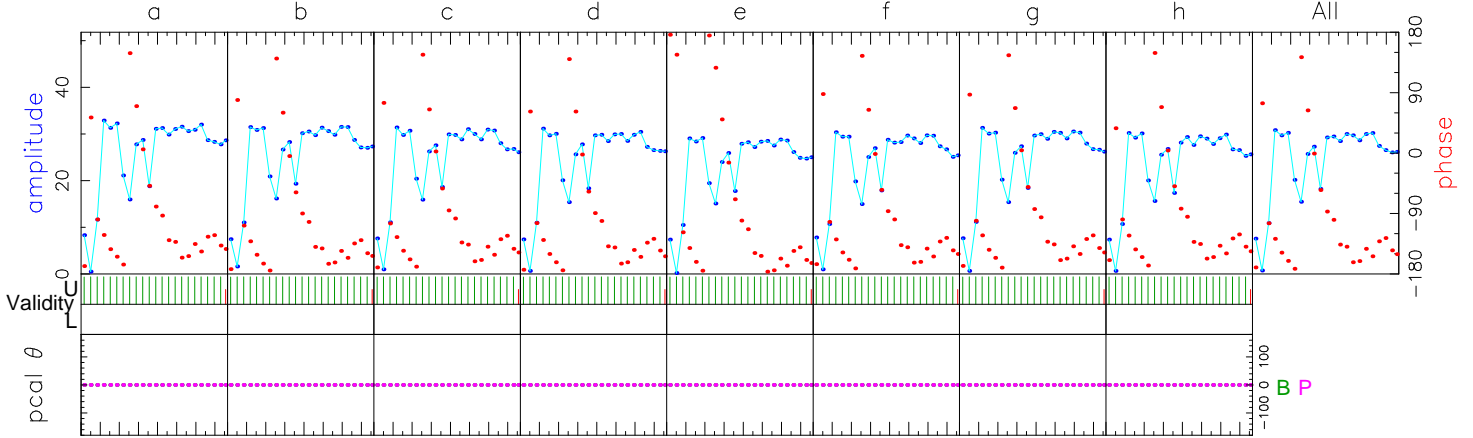


Fringe quality 5
 SNR 707.4
 Int time 448.342
 Amp 17.279
 Phase -317.8
 PFD 0.0e+00
 Delays (us)
 SBD -0.020900
 MBD -0.004945
 Fringe rate (Hz) 0.019009
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512



Exp. c182b
 Exper # 16383
 Yr:day 2018:273
 Start 031500.00
 Stop 032230.05
 FRT 031845.00
 Corr/FF/build
 2019:044:222001
 2019:046:035321
 2018:249:082454
 RA & Dec (J2000)
 22h53m57.7479s
 +16°08'53.561"

Amp. and Phase vs. time for each freq., 23 segs, 39 APs / seg (19.97 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
	-131.4	-140.9	-135.3	-139.3	-151.7	-137.9	-134.1	-133.0	Phase	-137.8
	18.1	17.7	17.4	17.1	16.4	16.9	17.3	16.8	Ampl.	17.2
	126.0	126.4	126.4	126.3	126.3	126.7	126.2	126.3	Sbd box	126.3
U/L	879/0	879/0	879/0	879/0	879/0	879/0	879/0	879/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	ManI PC	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	
Group delay (usec)(sbd)	-2.29715424515E+03		Apriori delay (usec)		-2.29711804966E+03		Resid mbdelay (usec)		-4.94549E-03	+/- 3.1E-06
Sband delay (usec)	-2.29713895016E+03		Apriori clock (usec)		2.2605202E+01		Resid sbdelay (usec)		-2.09005E-02	+/- 2.4E-05
Phase delay (usec)	-2.29711805411E+03		Apriori clockrate (us/s)		-1.8969999E-07		Resid phdelay (usec)		-4.44455E-06	+/- 5.2E-09
Delay rate (us/s)	1.89425594058E-01		Apriori rate (us/s)		1.89425373378E-01		Resid rate (us/s)		2.20680E-07	+/- 2.0E-11
Total phase (deg)	-245.1		Apriori accel (us/s/s)		1.76722277713E-05		Resid phase (deg)		-317.8	+/- 0.2

ph/seg (deg) 62.8 0.4
 amp/seg (%) 62.2 0.7
 ph/frq (deg) 7.0 0.2
 amp/frq (%) 3.0 0.4

RMS Theor. Amplitude 17.279 +/- 0.024
 Search (2048X32) 16.933
 Interp. 0.000
 Inc. seg. avg. 24.282
 Inc. frq. avg. 17.209

Group delay (usec)(sbd) -2.29715424515E+03
 Sband delay (usec) -2.29713895016E+03
 Phase delay (usec) -2.29711805411E+03
 Delay rate (us/s) 1.89425594058E-01
 Total phase (deg) -245.1

Apriori delay (usec) -2.29711804966E+03
 Apriori clock (usec) 2.2605202E+01
 Apriori clockrate (us/s) -1.8969999E-07
 Apriori rate (us/s) 1.89425373378E-01
 Apriori accel (us/s/s) 1.76722277713E-05

Resid mbdelay (usec) -4.94549E-03
 Resid sbdelay (usec) -2.09005E-02
 Resid phdelay (usec) -4.44455E-06
 Resid rate (us/s) 2.20680E-07
 Resid phase (deg) -317.8

PCal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 PCal rate: 0.000E+00, 0.000E+00 (us/s)
 Bits/sample: 2x2 SampCntNorm: enabled
 Sample rate(MSamp/s): 64
 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite

sb window (us) -1.000 1.000
 mb window (us) -0.016 0.016
 dr window (ns/s) -0.011 0.011
 ion window (TEC) 0.00 0.00

B: az 273.3 el 18.5 pa 41.3 P: az 271.7 el 25.3 pa 56.1 u,v (fr/asec) -1098.918 1849.893 simultaneous interpolator