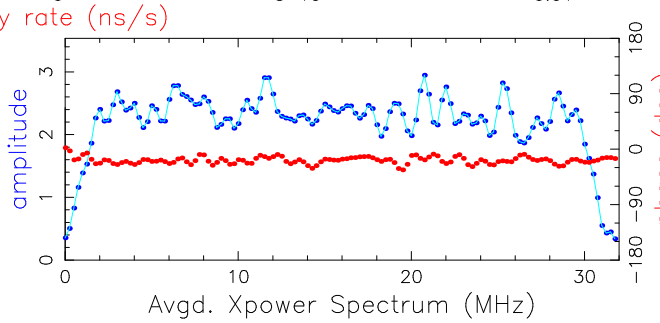
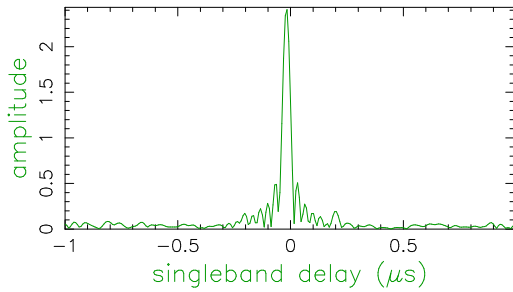


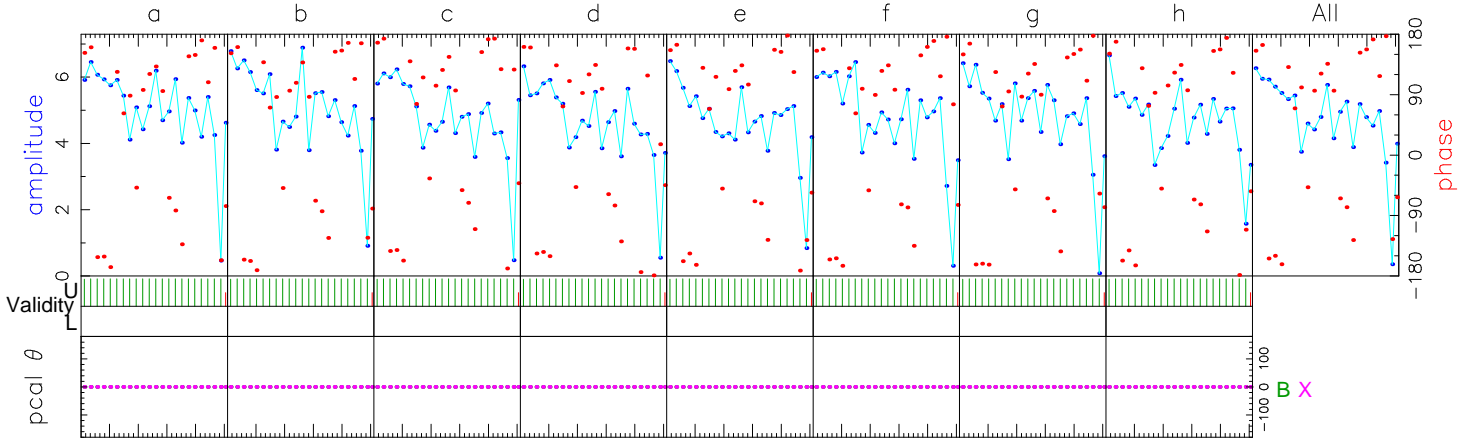
Fringe quality 5

SNR 81.4
Int time 299.273
Amp 2.432
Phase -19.2
PFD 0.0e+00
Delays (us)
SBD -0.018274
MBD 0.013183
Fringe rate (Hz)
0.000081
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512



Exp. c182a
Exper # 16383
Yr:day 2018:271
Start 050000.51
Stop 050500.03
FRT 050230.00
Corr/FF/build
2019:039:131012
2019:046:174730
2018:249:082454
RA & Dec (J2000)
02h37m52.4057s
+28°48'8.990"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.31 sec / seg.), time ticks 10 sec



	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
U/L	155.6	159.8	168.8	163.4	162.7	157.9	155.5	162.9	Phase	160.8
B	2.5	2.5	2.3	2.3	2.5	2.4	2.4	2.4	Ampl.	2.4
X	126.6	126.9	126.8	126.4	126.5	126.7	126.9	126.6	Sbd box	126.7
B	585/0	585/0	585/0	585/0	585/0	585/0	585/0	585/0	APs used	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
X	1000	1000	1000	1000	1000	1000	1000	1000	Manl PC	
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	PC amp	
X	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	
									Chan ids	
									Tracks	
Group delay (usec)(sbd)	1.14840978062E+03		Apriori delay (usec)		1.14842784719E+03		Resid mbdelay (usec)		1.31834E-02	+/- 2.7E-05
Sband delay (usec)	1.14840957369E+03		Apriori clock (usec)		4.6073666E+00		Resid sbdelay (usec)		-1.82735E-02	+/- 2.1E-04
Phase delay (usec)	1.14842785237E+03		Apriori clockrate (us/s)		-5.6999999E-07		Resid phdelay (usec)		5.18484E-06	+/- 4.5E-08
Delay rate (us/s)	-6.08579614133E-02		Apriori rate (us/s)		-6.08579623515E-02		Resid rate (us/s)		9.38130E-10	+/- 2.6E-10
Total phase (deg)	-106.9		Apriori accel (us/s/s)		-9.93229530314E-06		Resid phase (deg)		-19.2	+/- 1.4

ph/seg (deg) 69.2 3.4
amp/seg (%) 107.6 5.9
ph/frq (deg) 4.9 2.0
amp/frq (%) 3.1 3.5

RMS Theor. Amplitude 2.432 +/- 0.030
Search (2048X32) 2.344
Interp. 0.000
Inc. seg. avg. 4.747
Inc. frq. avg. 2.412

Group delay (usec)(sbd) 1.14840978062E+03
Sband delay (usec) 1.14840957369E+03
Phase delay (usec) 1.14842785237E+03
Delay rate (us/s) -6.08579614133E-02
Total phase (deg) -106.9

Apriori delay (usec) 1.14842784719E+03
Apriori clock (usec) 4.6073666E+00
Apriori clockrate (us/s) -5.6999999E-07
Apriori rate (us/s) -6.08579623515E-02
Apriori accel (us/s/s) -9.93229530314E-06

Resid mbdelay (usec) 1.31834E-02
Resid sbdelay (usec) -1.82735E-02
Resid phdelay (usec) 5.18484E-06
Resid rate (us/s) 9.38130E-10
Resid phase (deg) -19.2

PCal mode: MANUAL, MANUAL
PCal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2
Sample rate(MSamp/s): 64
Data rate(Mb/s): 1024

PC period (AP's) 5, 5
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

nlags: 128 t_cohere infinite