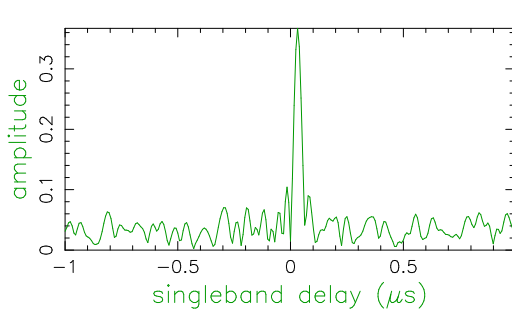
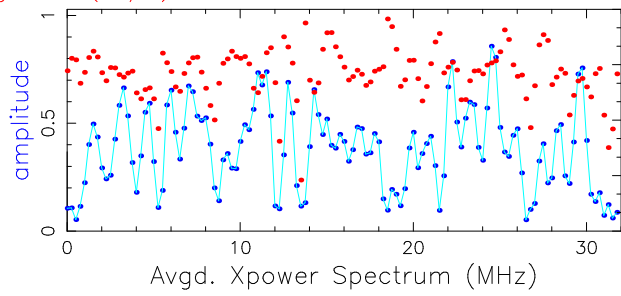


Fringe quality 7

SNR 14.7
Int time 427.861
Amp 0.367
Phase 80.1
PFD 2.4e-40
Delays (us)
SBD 0.031503
MBD 0.000391
Fringe rate (Hz) 0.003357
Ion TEC 0.000
Ref freq (MHz) 86140.0000
AP (sec) 0.512

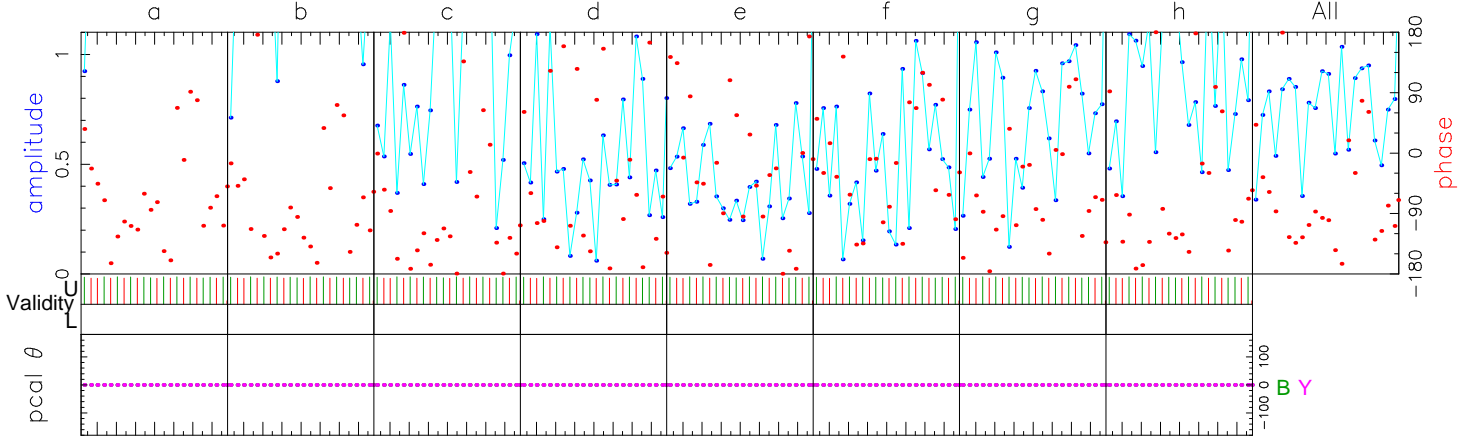


delay rate (ns/s)



Exp. c182c
Exper # 16383
Yr:day 2018:273
Start 123009.19
Stop 123731.05
FRT 123346.00
Corr/FF/build
2019:050:005428
2019:051:154652
2018:249:082454
RA & Dec (J2000)
16h35m15.4930s
+38°08' 4.501"

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
-90.4	-107.0	-118.1	-133.5	-42.7	-17.9	-79.7	-116.7	Phase	-99.9
0.9	0.7	0.4	0.2	0.1	0.3	0.3	0.4	Ampl.	0.4
133.2	132.9	132.3	135.0	38.2	27.8	133.0	132.3	Sbd box	133.0
U/L 851/0	851/0	851/0	851/0	851/0	851/0	851/0	851/0	APs used	
B 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Y 1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:Y 0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:Y 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	
Y 1000	1000	1000	1000	1000	1000	1000	1000		
B W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
								Tracks	
Y W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
								Tracks	
Group delay (usec)(sbd)		1.81581892763E+03	Apriori delay (usec)		1.81578728667E+03	Resid mbdelay (usec)		3.90965E-04	+/- 1.5E-04
Sband delay (usec)		1.81581878967E+03	Apriori clock (usec)		1.8568674E+01	Resid sbdelay (usec)		3.15030E-02	+/- 1.2E-03
Phase delay (usec)		1.81578728345E+03	Apriori clockrate (us/s)		-3.8399999E-07	Resid phdelay (usec)		-3.22136E-06	+/- 2.5E-07
Delay rate (us/s)		-2.11282914147E-01	Apriori rate (us/s)		-2.11282953112E-01	Resid rate (us/s)		3.89657E-08	+/- 1.0E-09
Total phase (deg)		34.6		Apriori accel (us/s/s)		-1.04842160021E-06		80.1	+/- 7.8

RMS Theor. Amplitude 0.367 +/- 0.025 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 73.8 18.6 Search (2048X32) 0.339 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 115.5 32.4 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
 ph/frq (deg) 45.2 11.0 Inc. seg. avg. 0.705 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 (%) 74.3 19.3 Inc. frq. avg. 0.393 Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00