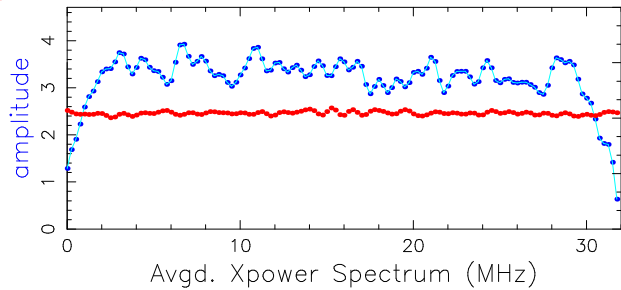
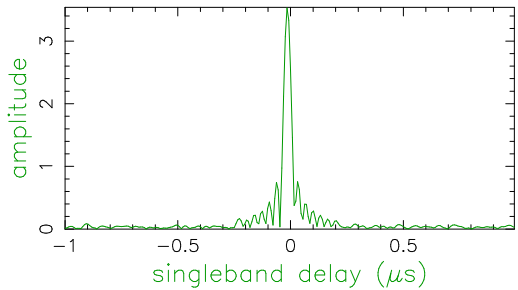


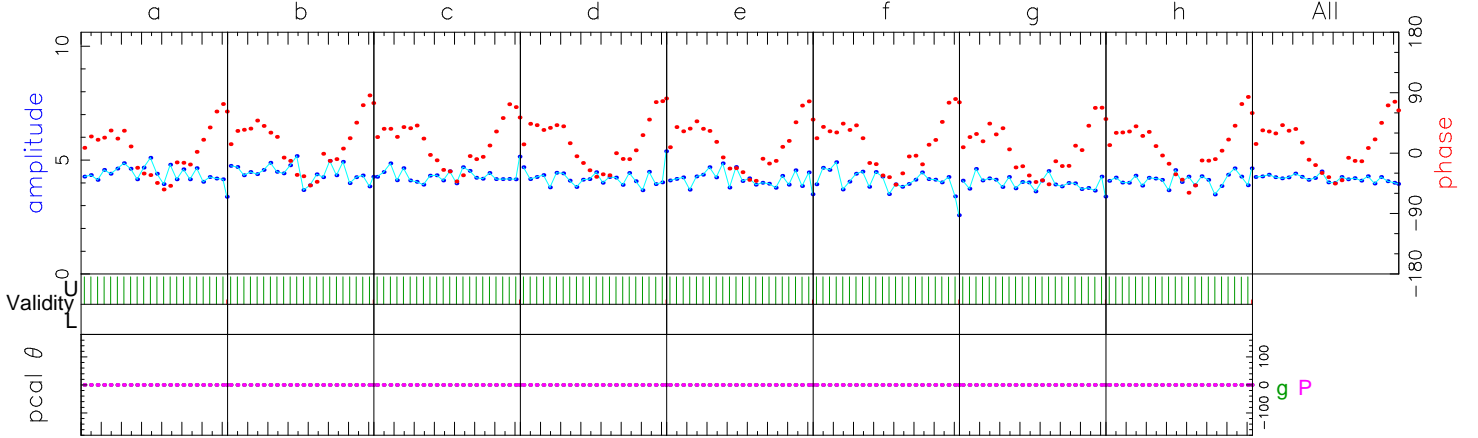
Fringe quality 7

SNR 140.0
Int time 418.249
Amp 3.539
Phase 11.4
PFD 0.0e+00
Delays (us)
SBD -0.013998
MBD -0.014646
Fringe rate (Hz) 0.009628
Ion TEC 0.000
Ref freq (MHz) 86140.0000
AP (sec) 0.512

Exp. c182c
Exper # 16383
Yr:day 2018:274
Start 020000.00
Stop 020659.84
FRT 020330.00
Corr/FF/build
2019:050:210240
2019:051:164232
2018:249:082454
RA & Dec (J2000)
22h53m57.7479s
+16°08'53.561"



Amp. and Phase vs. time for each freq., 23 segs, 37 APs / seg (18.94 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
	3.9	13.5	15.5	15.5	12.8	14.0	5.9	10.0	Phase	11.4
	3.7	3.7	3.7	3.5	3.5	3.4	3.4	3.4	Ampl.	3.5
	127.3	127.2	127.3	127.2	127.1	127.1	127.0	127.4	Sbd box	127.2
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0	APs used	
g	0	0	0	0	0	0	0	0	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
g:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
g:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	ManI PC	
P g	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
g	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	
									Chan ids	
									Tracks	
Group delay (usec)(sbd)		-2.83186469036E+03		Apriori delay (usec)	-2.83185004477E+03		Resid mbdelay (usec)	-1.46456E-02		+/- 1.6E-05
Sband delay (usec)		-2.83186404277E+03		Apriori clock (usec)	4.3661752E+00		Resid sbdelay (usec)	-1.39980E-02		+/- 1.2E-04
Phase delay (usec)		-2.83185004440E+03		Apriori clockrate (us/s)	6.4947999E-06		Resid phdelay (usec)	3.68606E-07		+/- 2.6E-08
Delay rate (us/s)		1.02821435750E+00		Apriori rate (us/s)	1.02821424573E+00		Resid rate (us/s)	1.11766E-07		+/- 1.1E-10
Total phase (deg)		-296.8		Apriori accel (us/s/s)	2.67752509108E-05		Resid phase (deg)	11.4		+/- 0.8

ph/seg (deg) 33.8 2.0
amp/seg (%) 19.1 3.4
ph/frq (deg) 4.8 1.2
amp/frq (%) 3.6 2.0

RMS Theor. Amplitude 3.539 +/- 0.025
Search (2048X32) 3.508
Interp. 0.000
Inc. seg. avg. 4.199
Inc. frq. avg. 3.533

g: az 166.0 el 29.4 pa -3.2 P: az 260.5 el 39.3 pa 54.9 u,v (fr/asec) -6097.760 3793.028

Group delay (usec)(sbd) -2.83186469036E+03 Apriori delay (usec) -2.83185004477E+03 Resid mbdelay (usec) -1.46456E-02 +/- 1.6E-05
Sband delay (usec) -2.83186404277E+03 Apriori clock (usec) 4.3661752E+00 Resid sbdelay (usec) -1.39980E-02 +/- 1.2E-04
Phase delay (usec) -2.83185004440E+03 Apriori clockrate (us/s) 6.4947999E-06 Resid phdelay (usec) 3.68606E-07 +/- 2.6E-08
Delay rate (us/s) 1.02821435750E+00 Apriori rate (us/s) 1.02821424573E+00 Resid rate (us/s) 1.11766E-07 +/- 1.1E-10
Total phase (deg) -296.8 Apriori accel (us/s/s) 2.67752509108E-05 Resid phase (deg) 11.4 +/- 0.8

PCal mode: MANUAL, MANUAL PC period (AP's) 5, 5
PCal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016
Sample rate(MSamp/s): 64 dr window (ns/s) -0.011 0.011
Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite ion window (TEC) 0.00 0.00

simultaneous interpolator