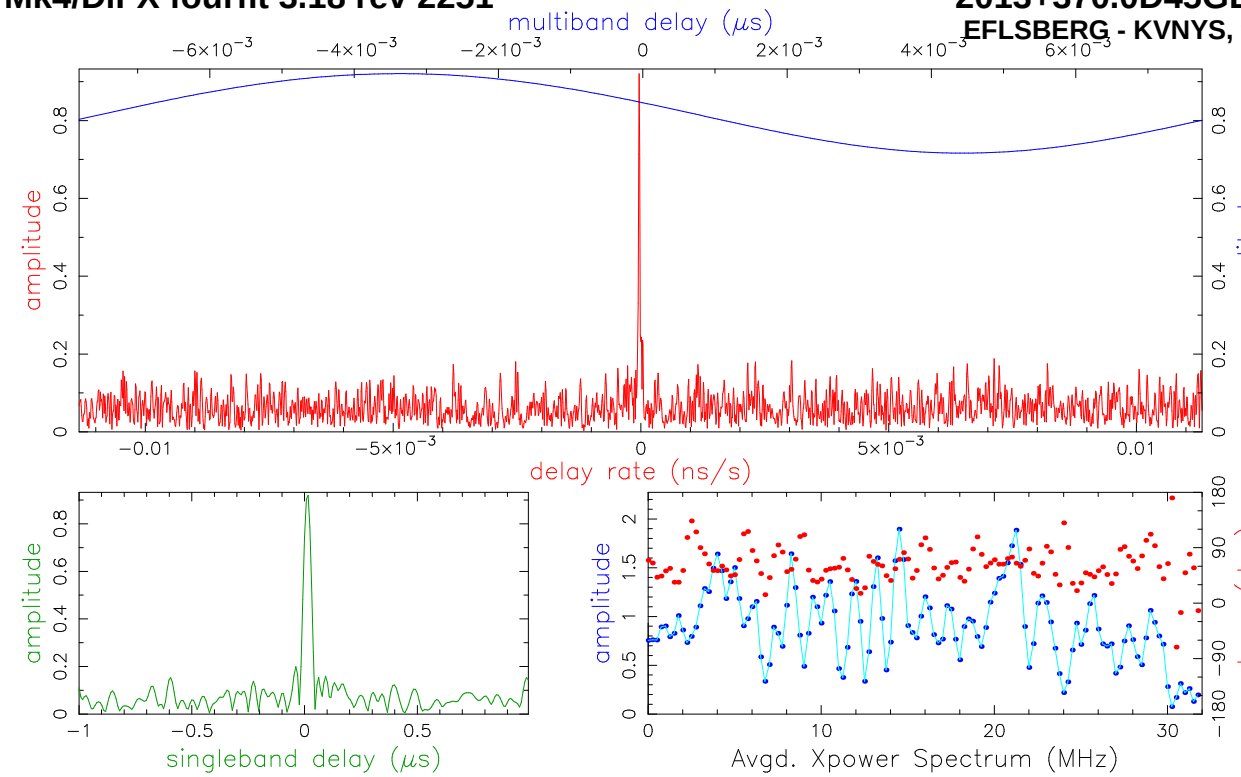
Mk4/DiFX fourfit 3.18 rev 2251

2013+370.0D45GE, No0052, By

EFLSBERG - KVNYS, fgroup W, pol RL

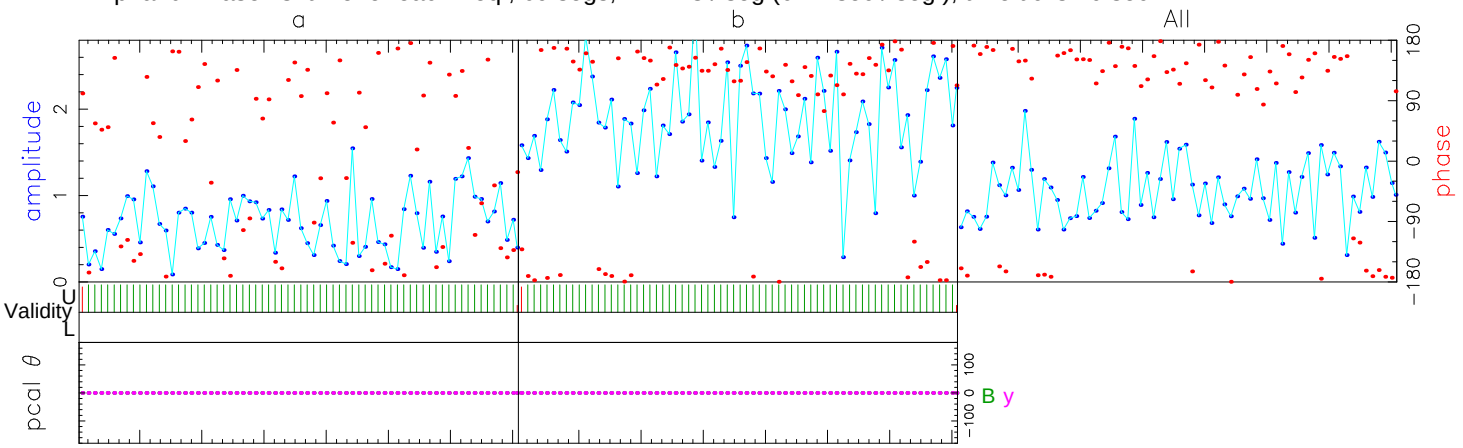


Fringe quality 7

SNR 18.5
Int time 418.827
Amp 0.933
Phase 65.9
PFD 0.0e+00
Delays (us)
SBD 0.012567
MBD -0.003278
Fringe rate (Hz)
-0.003198
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

Exp. c181d
Exper # 16383
Yr:day 2018:106
Start 024501.51
Stop 025200.84
FRT 025024.00
Corr/FF/build
2018:288:173739
2018:312:173855
2018:249:082454
RA & Dec (J2000)
20h15m28.7298s
+37°10'59.515"

Amp. and Phase vs. time for each freq., 69 segs, 12 APs / seg (6.14 sec / seg.), time ticks 10 sec



	86156.00	86220.00	Freq (MHz)	All
	157.9	155.6	Phase	155.9
	0.2	1.6	Ampl.	0.9
	254.7	130.6	Sbd box	130.6
U/L	819/0	819/0	APs used	
B	1000	1000	PC freqs	
y	0	0	PC freqs	
B:y	0:0	0:0	PC phase	
B:y	0:0	0:0	Manl PC	
B	1000	1000	PC amp	
y	1000	1000		
B	W01UR	W03UR	Chan ids	
			Tracks	
y	W00UL	W01UL	Chan ids	
			Tracks	

Group delay (usec)(sbd)	4.31872246182E+03	Apriori delay (usec)	4.31871011464E+03	Resid mbdelay (usec)	-3.27783E-03	+/-	2.7E-04
Sband delay (usec)	4.31872268114E+03	Apriori clock (usec)	9.6555443E+00	Resid sbdelay (usec)	1.25665E-02	+/-	9.3E-04
Phase delay (usec)	4.31871011967E+03	Apriori clockrate (us/s)	-3.1999999E-07	Resid phdelay (usec)	5.02622E-06	+/-	2.0E-07
Delay rate (us/s)	1.52530657753E+00	Apriori rate (us/s)	1.52530661465E+00	Resid rate (us/s)	-3.71242E-08	+/-	8.3E-10
Total phase (deg)	165.0	Apriori accel (us/s/s)	-1.18254835965E-05	Resid phase (deg)	65.9	+/-	6.2

	RMS	Theor.						
			Amplitude	0.933 +/- 0.051	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	31.9	25.8	Search (2048X8)	0.889	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	40.4	45.0	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	4.4	Inc. seg. avg.	0.973	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	76.8	7.7	Inc. frq. avg.	0.918	Data rate(Mb/s): 256	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

B: az 89.5 el 51.2 pa -52.9 y: az 292.0 el 37.2 pa 67.1 u,v (fr/asec) -10998.608 645.825 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0052/By..0D45GE Output file: /Exps/c181d/v2_pc1/1234/No0052/By.W.30.0D45GE