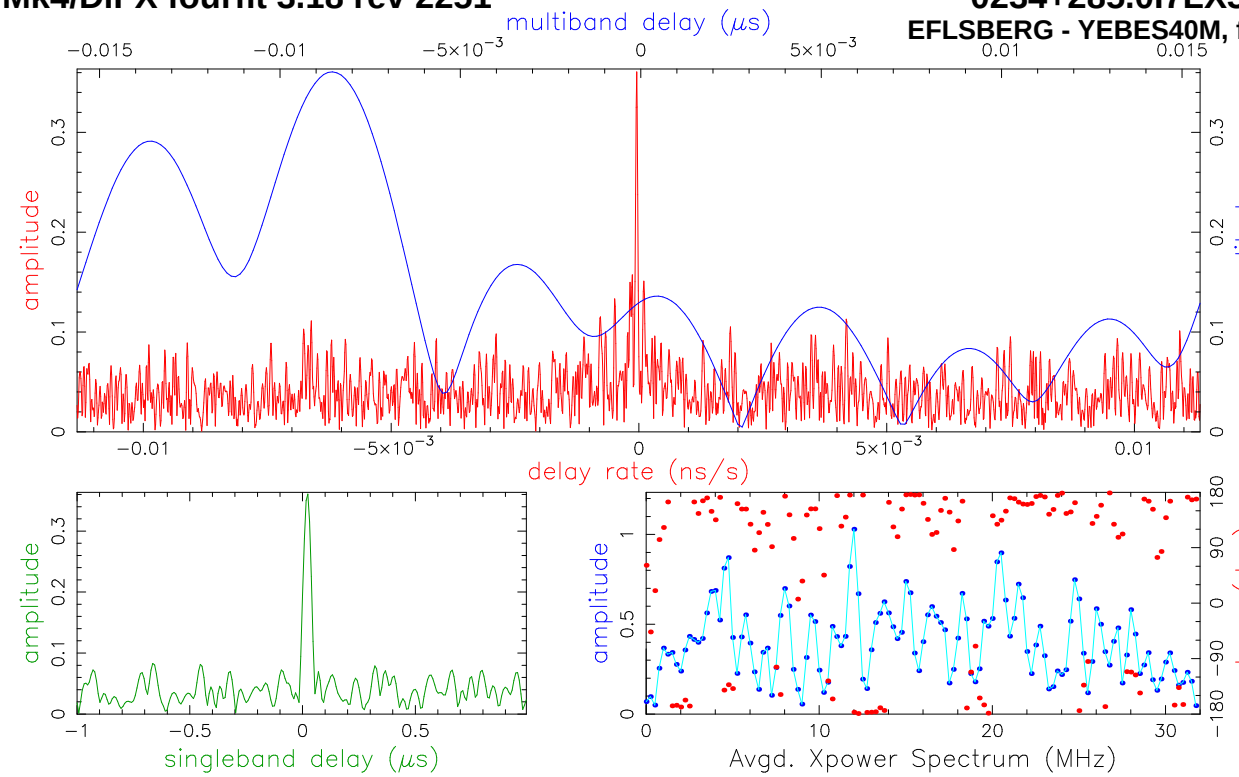
Mk4/DiFX fourfit 3.18 rev 2251

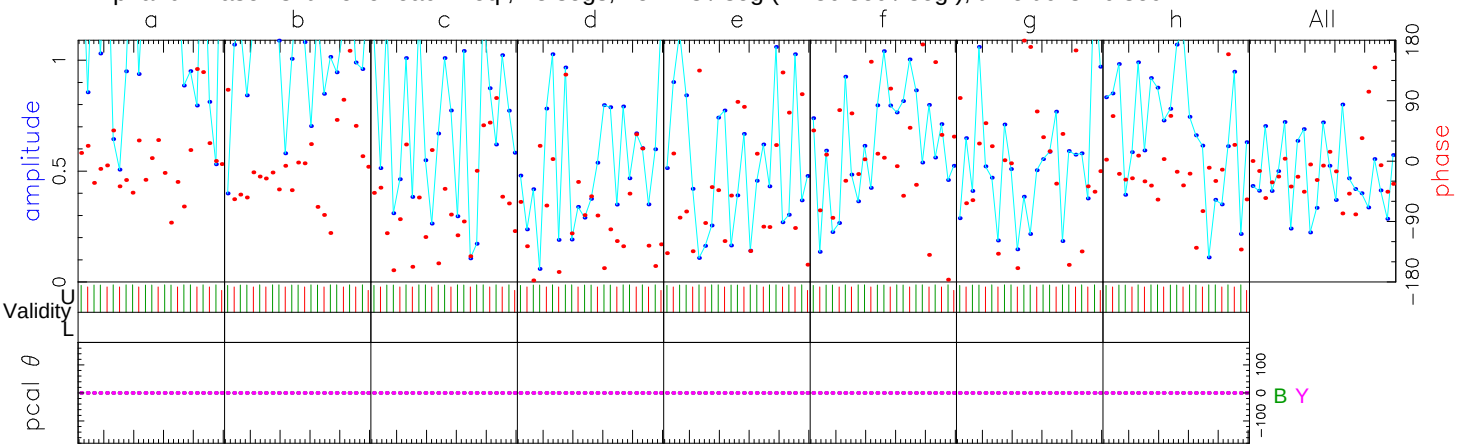
0234+285.0I7LX3, No0063, BY

EFLSBERG - YEBES40M, fgroup W, pol RR



Fringe quality	9
SNR	11.8
Int time	282.579
Amp	0.364
Phase	155.9
PFD	7.9e-24
Delays (us)	
SBD	0.020999
MBD	-0.008568
Fringe rate (Hz)	
	-0.003842
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182a
Exper #	16383
Yr:day	2018:271
Start	050008.19
Stop	050500.03
FRT	050230.00
Corr/FF/build	
	2019:039:131012
	2019:046:174734
	2018:249:082454
RA & Dec (J2000)	
	02h37m52.4057s
	+28°48' 8.990"

Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 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
	-9.9	-20.2	-58.5	-96.9	-67.0	14.9	-11.3	-17.5	Phase	-24.1
	0.9	0.7	0.3	0.2	0.2	0.3	0.2	0.5	Ampl.	0.4
	131.5	131.8	131.4	132.8	18.0	133.1	130.6	131.0	Sbd box	131.7
U/L	562/0	562/0	562/0	562/0	562/0	562/0	562/0	562/0	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	Manl 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)	-1.96044096624E+03	Apriori delay (usec)	-1.96046364841E+03	Resid mbdelay (usec)	-8.56783E-03	+/-	1.8E-04
Sband delay (usec)	-1.96044264991E+03	Apriori clock (usec)	1.8685425E+01	Resid sbdelay (usec)	2.09985E-02	+/-	1.5E-03
Phase delay (usec)	-1.96046364919E+03	Apriori clockrate (us/s)	-3.8399999E-07	Resid phdelay (usec)	-7.78286E-07	+/-	3.1E-07
Delay rate (us/s)	9.70376781733E-04	Apriori rate (us/s)	9.70421380475E-04	Resid rate (us/s)	-4.45987E-08	+/-	1.9E-09
Total phase (deg)	-86.8	Apriori accel (us/s/s)	1.71836553068E-05	Resid phase (deg)	155.9	+/-	9.7

	RMS	Theor.							
			Amplitude	0.364 +/- 0.031	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	51.0	23.1	Search (2048X32)	0.358	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	56.0	40.3	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	41.4	13.7	Inc. seg. avg.	0.450	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	64.3	23.9	Inc. frq. avg.	0.395	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

B: az 258.4 el 47.5 pa 45.2 Y: az 262.3 el 56.1 pa 59.4 u,v (fr/asec) 8.111 1692.532 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182a/v1/1234/No0063/BY..0I7LX3 Output file: /Exps/c182a/v1/1234/No0063/BY.W.94.0I7LX3