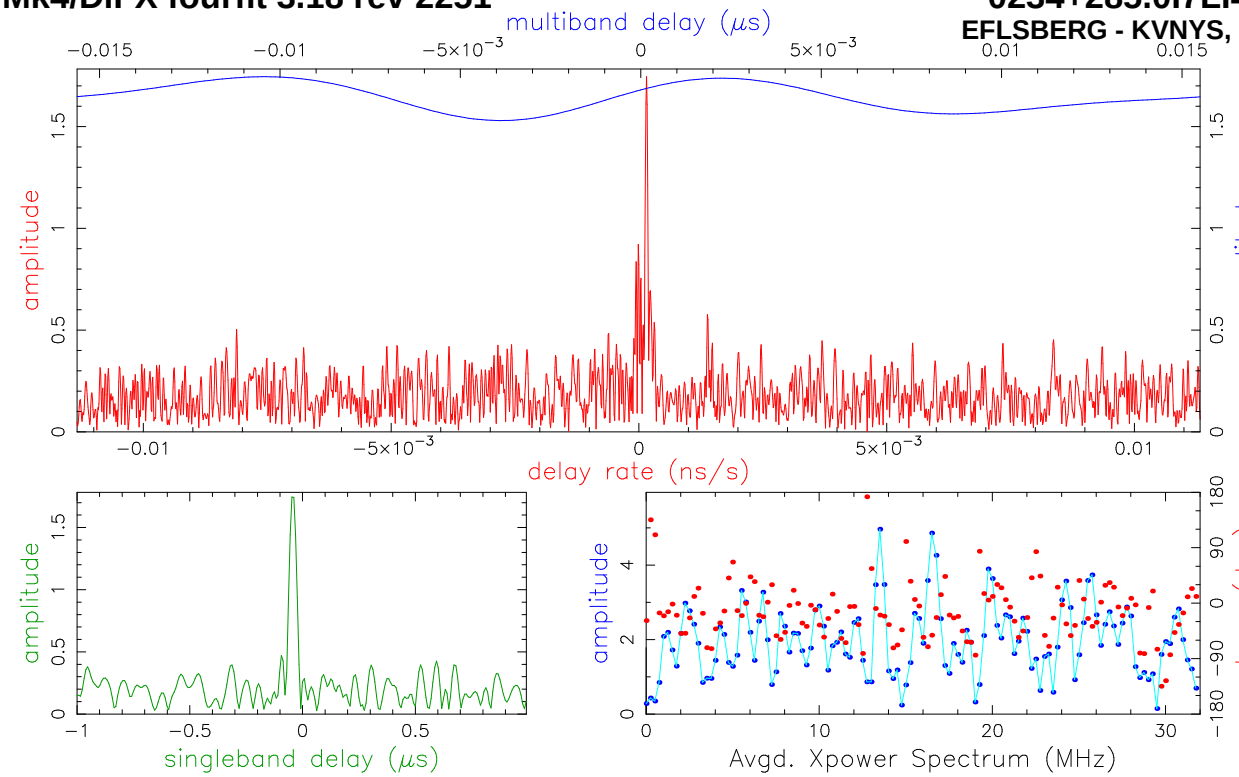
Mk4/DiFX fourfit 3.18 rev 2251

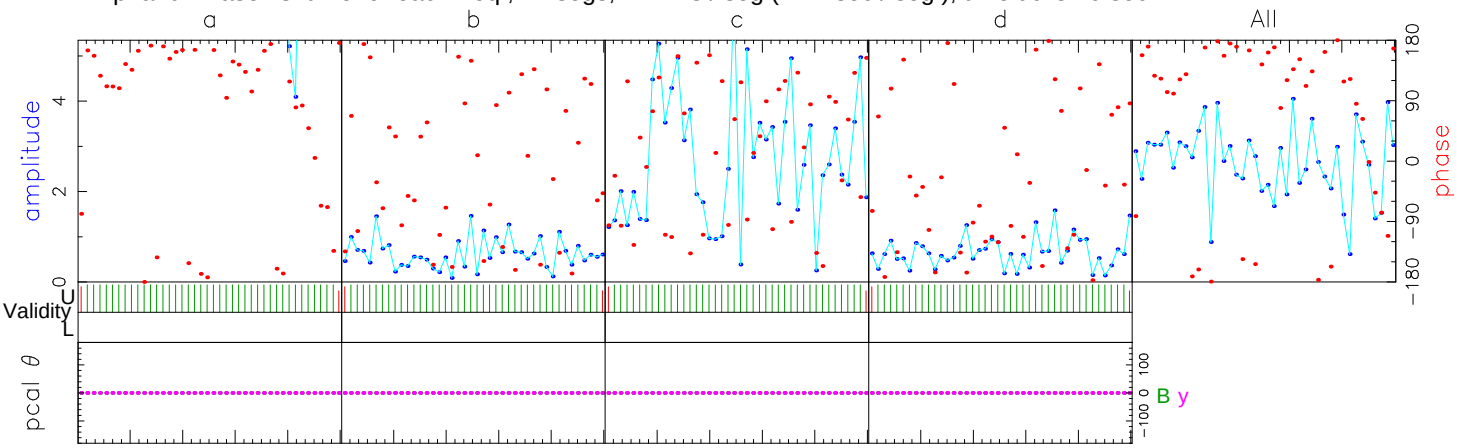
0234+285.0I7LI4, No0020, By

EFLSBERG - KVNYS, fgroup W, pol LR



Fringe quality	3
SNR	42.2
Int time	298.976
Amp	1.783
Phase	-25.6
PFD	0.0e+00
Delays (us)	
SBD	-0.043082
MBD	-0.010475
Fringe rate (Hz)	
	0.013706
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182a
Exper #	16383
Yr:day	2018:270
Start	220000.52
Stop	220500.03
FRT	220230.00
Corr/FF/build	
	2019:037:184940
	2019:046:172949
	2018:249:082454
RA & Dec (J2000)	
	02h37m52.4057s
	+28°48' 8.990"

Amp. and Phase vs. time for each freq., 42 segs, 14 APs / seg (7.17 sec / seg.), time ticks 10 sec



	a	b	c	d		All
	86124.00	86156.00	86188.00	86220.00	Freq (MHz)	
	154.9	158.8	111.7	-148.4	Phase	154.4
	6.6	0.1	0.3	0.2	Ampl.	1.8
	123.3	88.2	242.3	175.8	Sbd box	123.5
U/L	585/0	585/0	585/0	585/0	APs used	
B	1000	1000	1000	1000	PC freqs	
y	0	0	0	0	PC freqs	
B:y	0:0	0:0	0:0	0:0	PC phase	
B:y	0:0	0:0	0:0	0:0	Manl PC	
B	1000	1000	1000	1000	PC amp	
y	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	Chan ids	
					Tracks	
y	W00UR	W01UR	W02UR	W03UR	Chan ids	
					Tracks	

Group delay (usec)(sbd)	1.99882416488E+03	Apriori delay (usec)	1.99886589037E+03	Resid mbdelay (usec)	-1.04755E-02	+/-	1.1E-04
Sband delay (usec)	1.99882280837E+03	Apriori clock (usec)	3.7170849E+00	Resid sbdelay (usec)	-4.30820E-02	+/-	4.1E-04
Phase delay (usec)	1.99886589535E+03	Apriori clockrate (us/s)	-3.8550001E-07	Resid phdelay (usec)	4.97772E-06	+/-	8.8E-08
Delay rate (us/s)	1.68683850966E+00	Apriori rate (us/s)	1.68683835055E+00	Resid rate (us/s)	1.59109E-07	+/-	5.1E-10
Total phase (deg)	-98.8	Apriori accel (us/s/s)	-1.75854592258E-06	Resid phase (deg)	-25.6	+/-	2.7

	RMS	Theor.					
			Amplitude	1.783 +/- 0.042	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	57.8	8.8	Search (2048X16)	1.723	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	66.4	15.4	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	50.6	2.7	Inc. seg. avg.	2.632	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	155.0	4.7	Inc. frq. avg.	1.784	Data rate(Mb/s): 512 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

B: az 95.4 el 43.0 pa -46.2 y: az 280.6 el 36.9 pa 62.7 u,v (fr/asec) -11034.781 1227.028 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182a/v1/1234/No0020/By..0I7LI4 Output file: /Exps/c182a/v1/1234/No0020/By.W.30.0I7LI4