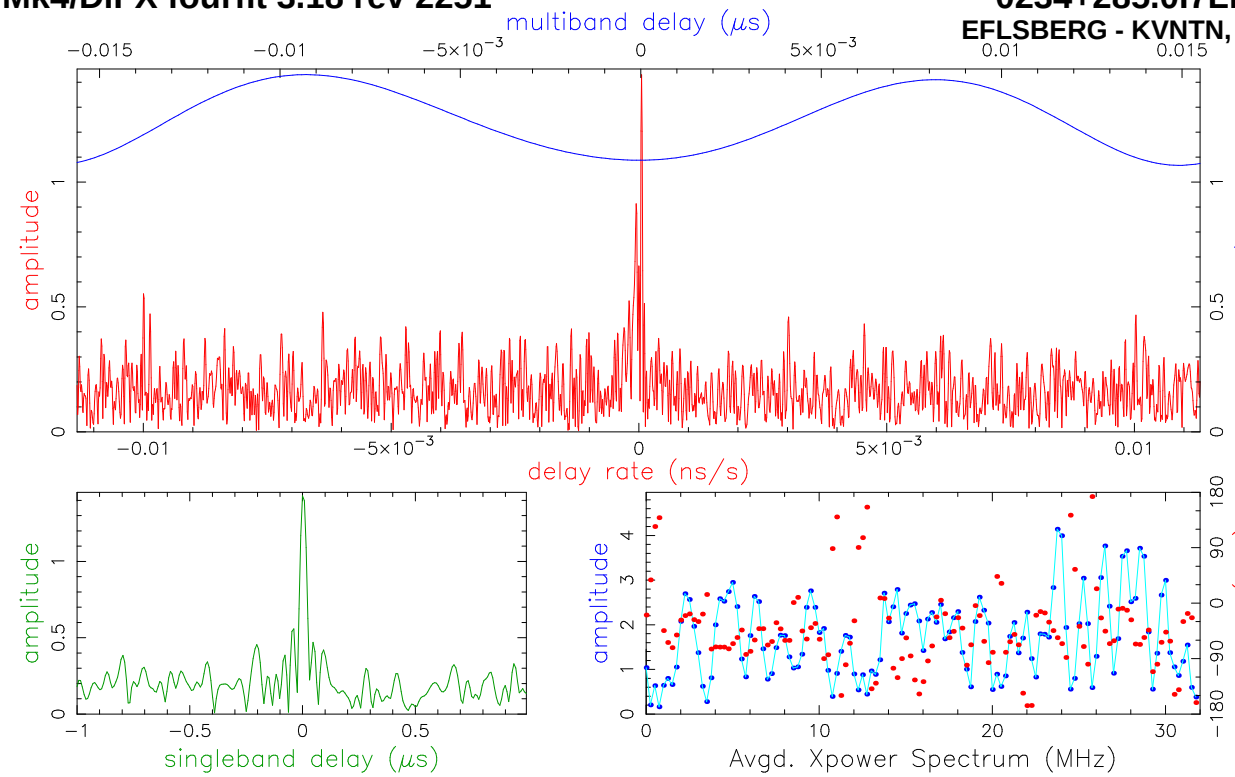
Mk4/DiFX fourfit 3.18 rev 2251

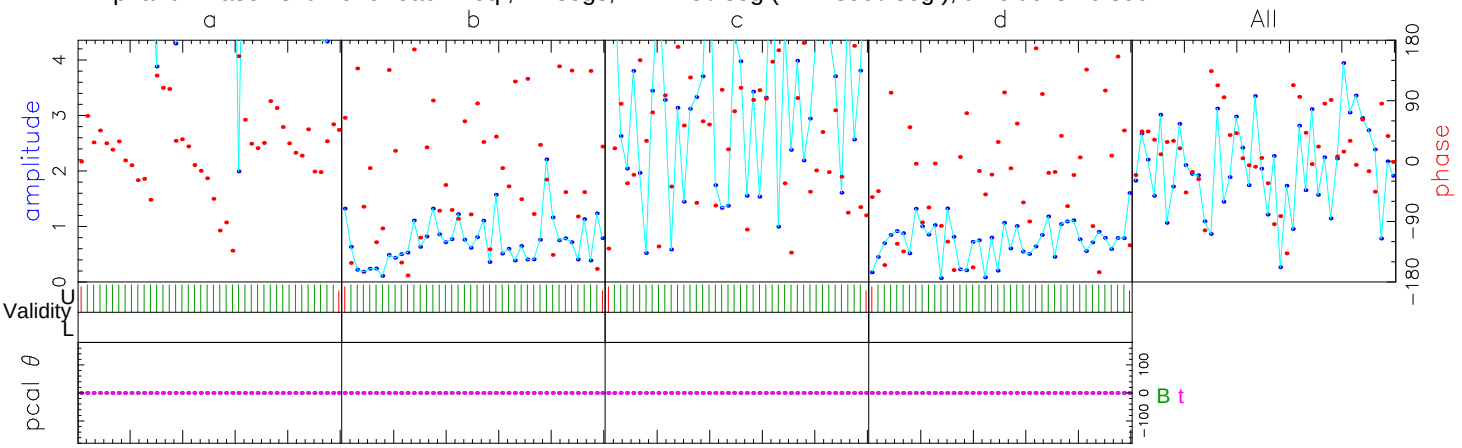
0234+285.0I7LI4, No0020, Bt

EFLSBERG - KVNTN, fgroup W, pol LR



Fringe quality	3
SNR	34.3
Int time	298.976
Amp	1.453
Phase	18.6
PFD	0.0e+00
Delays (us)	
SBD	0.003044
MBD	-0.009484
Fringe rate (Hz)	
	0.004561
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)	
	17.8	-26.7	44.5	-42.0	Phase	18.6
	5.0	0.1	0.7	0.1	Ampl.	1.5
	129.3	22.0	250.1	151.0	Sbd box	129.4
U/L	585/0	585/0	585/0	585/0	APs used	
B	1000	1000	1000	1000	PC freqs	
t	0	0	0	0	PC freqs	
B:t	0:0	0:0	0:0	0:0	PC phase	
B:t	0:0	0:0	0:0	0:0	Manl PC	
B	1000	1000	1000	1000	PC amp	
t	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	Chan ids	
					Tracks	
t	W00UR	W01UR	W02UR	W03UR	Chan ids	
					Tracks	

Group delay (usec)(sbd)	2.16290436355E+03	Apriori delay (usec)	2.16291384729E+03	Resid mbdelay (usec)	-9.48374E-03	+/-	1.3E-04
Sband delay (usec)	2.16291689129E+03	Apriori clock (usec)	9.8650780E+00	Resid sbdelay (usec)	3.04400E-03	+/-	5.0E-04
Phase delay (usec)	2.16291384789E+03	Apriori clockrate (us/s)	-4.6440000E-07	Resid phdelay (usec)	6.00724E-07	+/-	1.1E-07
Delay rate (us/s)	1.73557459647E+00	Apriori rate (us/s)	1.73557454352E+00	Resid rate (us/s)	5.29498E-08	+/-	6.2E-10
Total phase (deg)	308.8	Apriori accel (us/s/s)	7.11609110806E-07	Resid phase (deg)	18.6	+/-	3.3

	RMS	Theor.					
			Amplitude	1.453 +/- 0.042	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	58.9	10.8	Search (2048X16)	1.415	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	71.7	18.9	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	56.6	3.3	Inc. seg. avg.	2.069	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	139.8	5.8	Inc. frq. avg.	1.471	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 t: az 283.5 el 36.4 pa 68.1 u,v (fr/asec) -11351.881 1806.482 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182a/v1/1234/No0020/Bt..0I7LI4 Output file: /Exps/c182a/v1/1234/No0020/Bt.W.33.0I7LI4