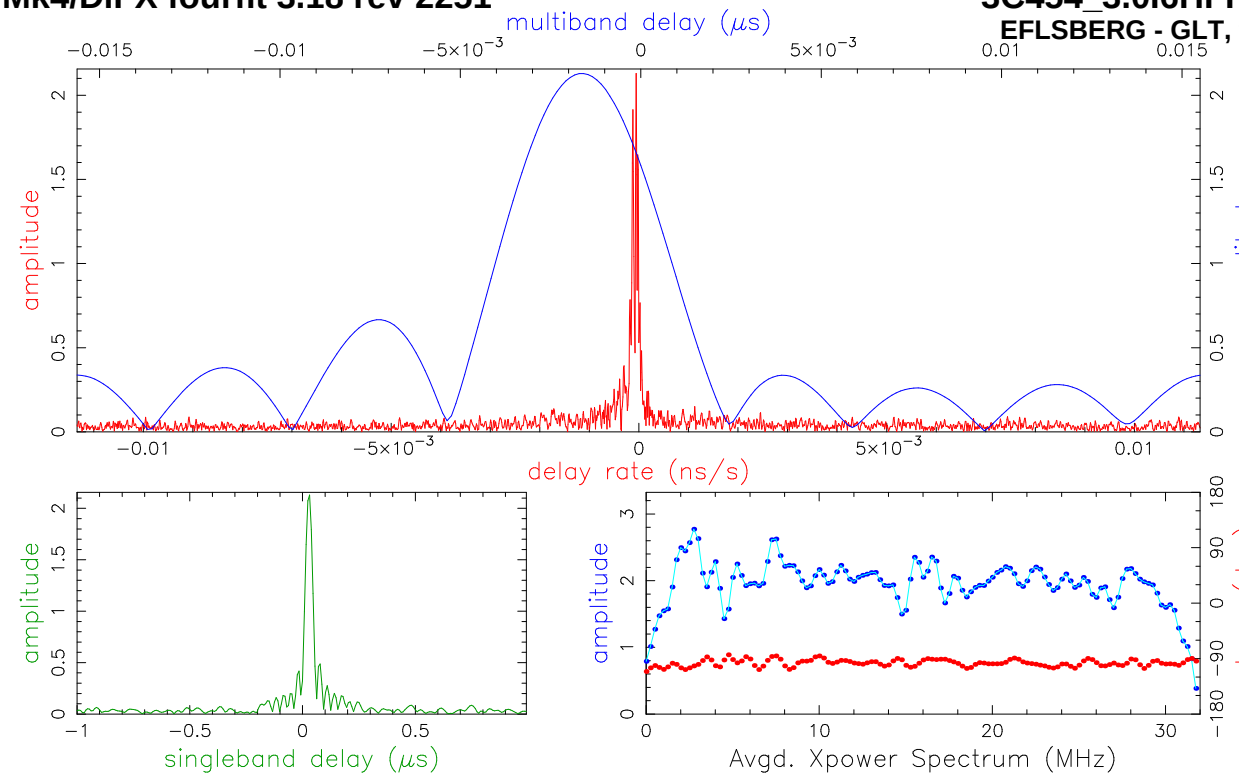
Mk4/DiFX fourfit 3.18 rev 2251

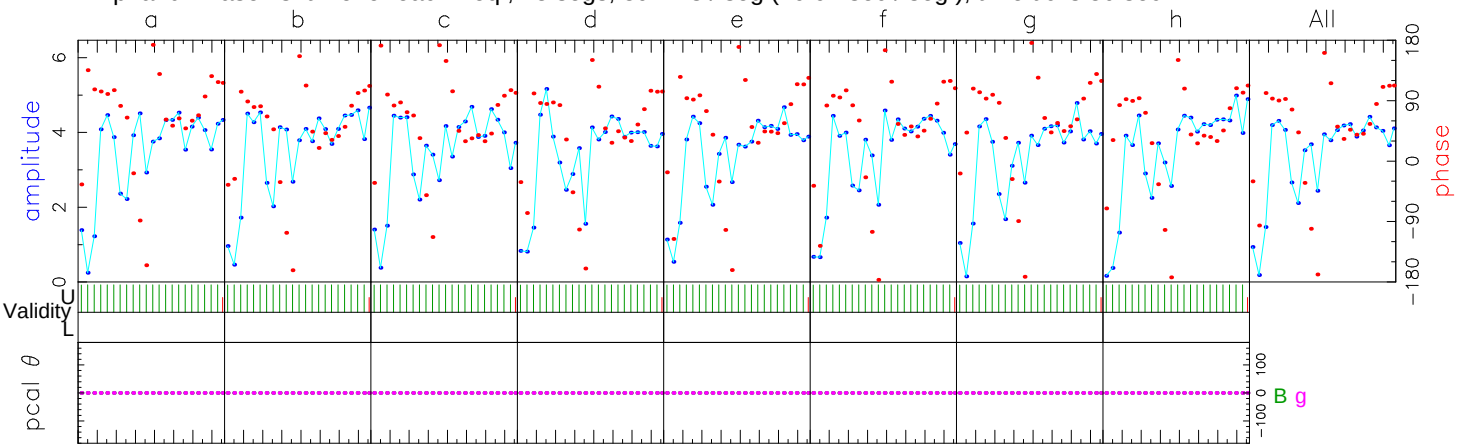
3C454_3.0I6HFP, No0239, Bg

EFLSBERG - GLT, fgroup W, pol LR



Fringe quality	5
SNR	88.4
Int time	449.797
Amp	2.156
Phase	256.7
PFD	0.0e+00
Delays (us)	
SBD	0.028429
MBD	-0.001639
Fringe rate (Hz)	
	-0.004780
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182b
Exper #	16383
Yr:day	2018:273
Start	031500.00
Stop	032230.05
FRT	031845.00
Corr/FF/build	
	2019:044:222001
	2019:046:035323
	2018:249:082454
RA & Dec (J2000)	
	22h53m57.7479s
	+16°08'53.561"

Amp. and Phase vs. time for each freq., 23 segs, 39 APs / seg (19.97 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
	88.4	70.4	67.8	70.7	78.1	81.8	85.3	71.6	Phase	76.7
	2.1	2.2	2.2	2.2	2.0	2.2	2.1	2.2	Ampl.	2.1
	132.4	132.6	132.7	132.8	132.8	132.8	132.6	132.4	Sbd box	132.6
U/L	879/0	879/0	879/0	879/0	879/0	879/0	879/0	879/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
g	0	0	0	0	0	0	0	0	PC freqs	
B:g	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:g	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	
g	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids Tracks	
g	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	

Group delay (usec)(sbd)	-4.03654512446E+03	Apriori delay (usec)	-4.03657473521E+03	Resid mbdelay (usec)	-1.63925E-03	+/-	2.5E-05
Sband delay (usec)	-4.03654630671E+03	Apriori clock (usec)	1.8822281E+01	Resid sbdelay (usec)	2.84285E-02	+/-	1.9E-04
Phase delay (usec)	-4.03657473274E+03	Apriori clockrate (us/s)	-6.5454998E-06	Resid phdelay (usec)	2.47199E-06	+/-	4.2E-08
Delay rate (us/s)	-9.01861221241E-01	Apriori rate (us/s)	-9.01861165755E-01	Resid rate (us/s)	-5.54857E-08	+/-	1.6E-10
Total phase (deg)	8.0	Apriori accel (us/s/s)	1.52077064239E-05	Resid phase (deg)	256.7	+/-	1.3

	RMS	Theor.						
			Amplitude	2.156 +/- 0.024	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	72.5	3.1	Search (2048X32)	2.100	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	78.3	5.4	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	8.4	1.8	Inc. seg. avg.	3.378	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	3.4	3.2	Inc. frq. avg.	2.146	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

B: az 273.3 el 18.5 pa 41.3 g: az 185.4 el 29.7 pa 1.6 u,v (fr/asec) 5403.910 -1398.343 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182b/v1/1234/No0239/Bg..0I6HFP Output file: /Exps/c182b/v1/1234/No0239/Bg.W.67.0I6HFP