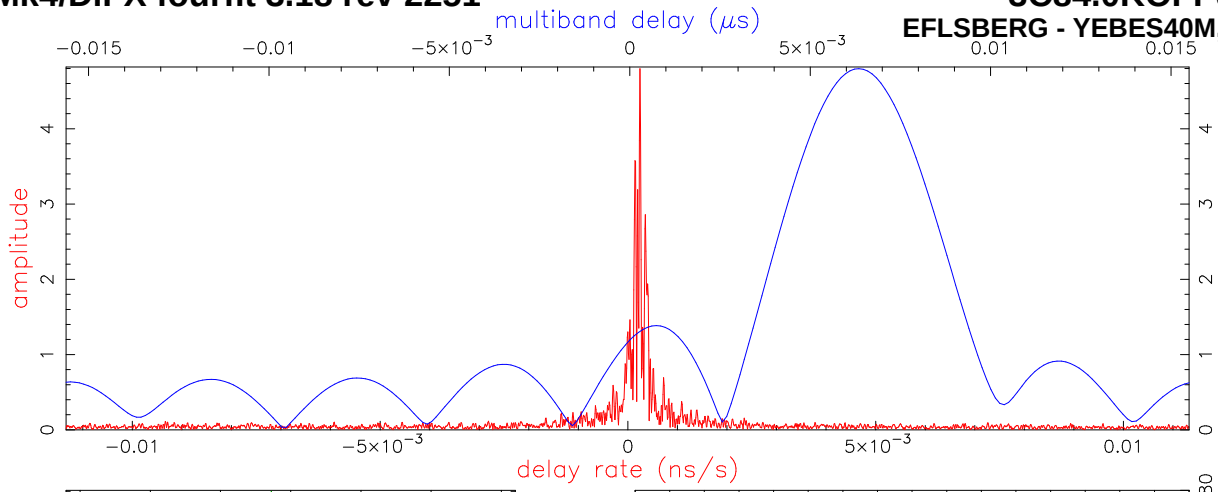
Mk4/DiFX fourfit 3.18 rev 2251

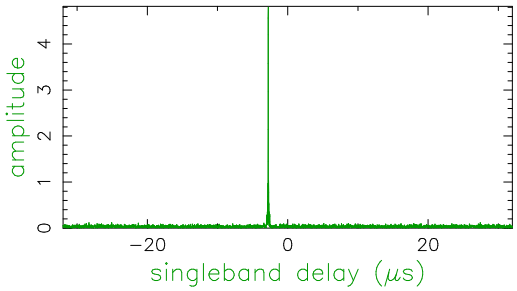
3C84.0KOFP8, No0002, BY

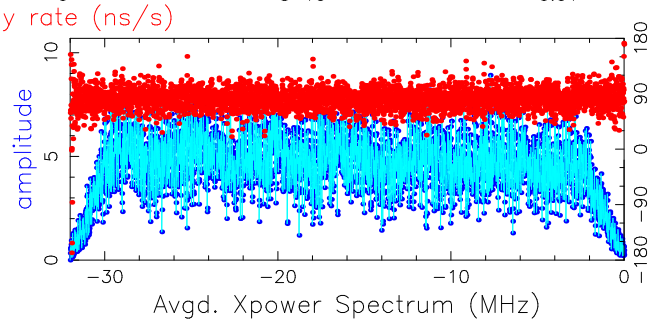
EFLSBERG - YEBES40M, fgroup W, pol LL



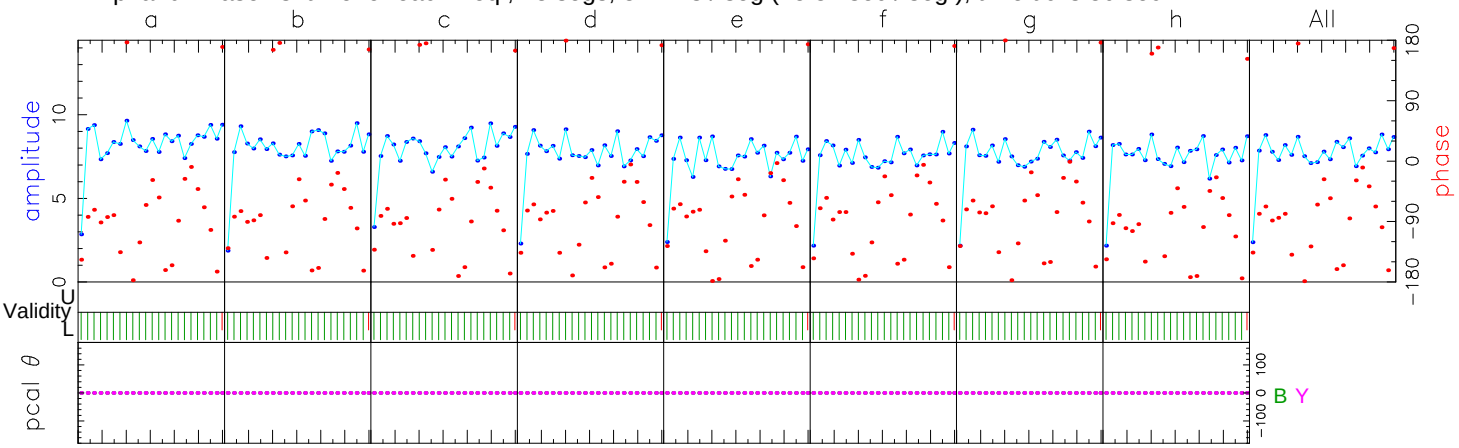
Fringe quality 5

SNR	176.6
Int time	359.292
Amp	4.820
Phase	83.5
PFD	0.0e+00
Delays (us)	
SBD	-2.775177
MBD	0.006338
Fringe rate (Hz)	0.021008
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	f191b
Exper #	16383
Yr:day	2019:094
Start	134559.90
Stop	135159.84
FRT	134830.00
Corr/FF/build	2019:094:153742 2019:094:154103 2018:249:082454
RA & Dec (J2000)	03h19m48.1601s +41°30'42.104"





Amp. and Phase vs. time for each freq., 23 segs, 31 APs / seg (15.87 sec / seg.), time ticks 30 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
	-98.1	-99.4	-100.8	-93.2	-90.1	-90.7	-89.1	-110.0	Phase	-96.5
	5.2	5.0	4.9	4.9	4.6	4.7	4.7	4.7	Ampl.	4.8
	3741.8	3741.9	3742.0	3741.9	3741.8	3741.9	3741.7	3741.4	Sbd box	3741.8
U/L	0/703	0/703	0/703	0/703	0/703	0/703	0/703	0/703	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	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
									Tracks	
Y	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
									Tracks	

Group delay (usec)(sbd)	7.67032218711E+01	Apriori delay (usec)	7.94781337500E+01	Resid mbdelay (usec)	6.33812E-03	+/-	1.2E-05
Sband delay (usec)	7.67029572500E+01	Apriori clock (usec)	1.5608466E+01	Resid sbdelay (usec)	-2.77518E+00	+/-	9.8E-05
Phase delay (usec)	7.94781306375E+01	Apriori clockrate (us/s)	-4.7999999E-07	Resid phdelay (usec)	-3.11248E-06	+/-	2.1E-08
Delay rate (us/s)	-1.61022832349E-01	Apriori rate (us/s)	-1.61023076225E-01	Resid rate (us/s)	2.43876E-07	+/-	1.0E-10
Total phase (deg)	242.3	Apriori accel (us/s/s)	8.81075141826E-06	Resid phase (deg)	83.5	+/-	0.6

	RMS	Theor.	Amplitude	4.820 +/- 0.027
ph/seg (deg)	52.6	1.6	Search (2048X32)	4.674
amp/seg (%)	64.2	2.7	Interp.	0.000
ph/frq (deg)	7.7	0.9	Inc. seg. avg.	7.646
amp/frq (%)	4.0	1.6	Inc. frq. avg.	4.830

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Sample rate(MSamp/s): 64
Data rate(Mb/s): 1024 nlags: 4096 t_cohere infinite

sb window (us)	-32.000	32.000
mb window (us)	-0.016	0.016
dr window (ns/s)	-0.011	0.011
ion window (TEC)	0.00	0.00

B: az 157.9 el 80.5 pa -18.5 Y: az 79.8 el 78.8 pa -90.8 u,v (fr/asec) 1248.199 1410.082 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps2/f191b/FRINGE/1234/No0002//BY..0KOFP8 Output file: /Exps2/f191b/FRINGE/1234/No0002//BY.W.23.0KOFP8