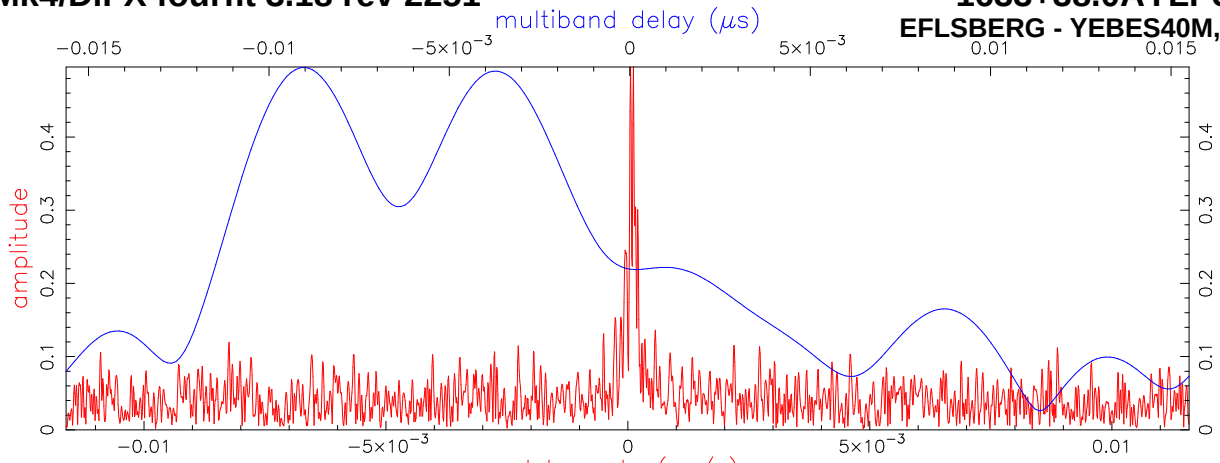
Mk4/DiFX fourfit 3.18 rev 2251

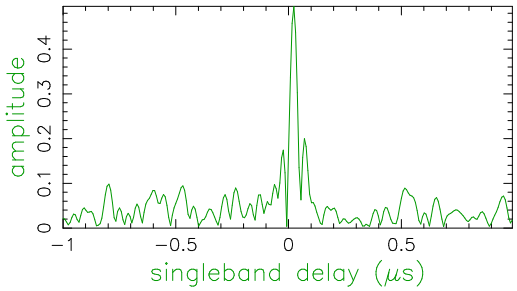
1633+38.0AYLPS, No0007, BY

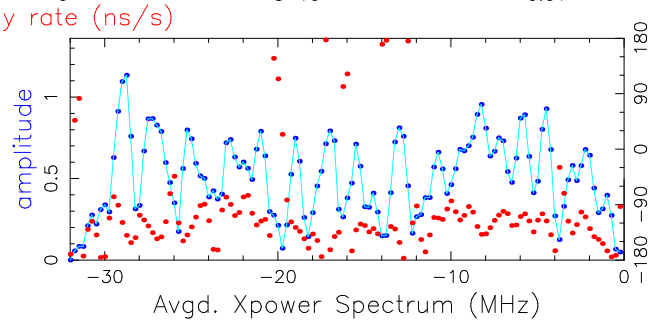
EFLSBERG - YEBES40M, fgroup W, pol LR



Fringe quality 7

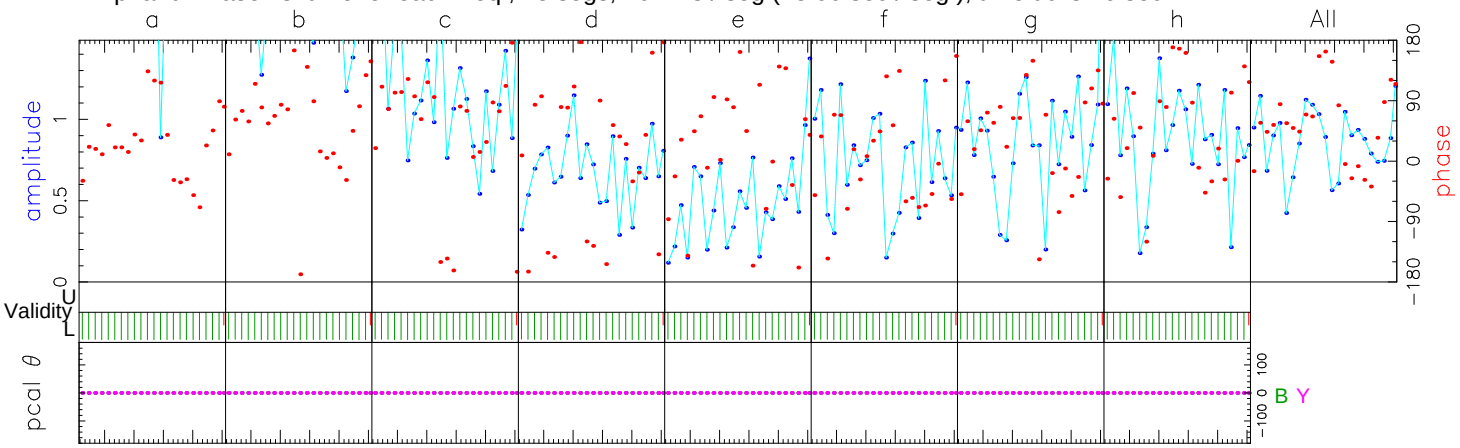
SNR	16.3
Int time	290.289
Amp	0.496
Phase	-126.8
PFD	0.0e+00
Delays (us)	
SBD	0.022553
MBD	-0.009020
Fringe rate (Hz)	0.005131
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.500





Exp.	f182a
Exper #	16383
Yr:day	2018:270
Start	133008.00
Stop	133500.00
FRT	133230.00
Corr/FF/build	2018:270:174401
	2018:270:175006
	2018:249:082454
RA & Dec (J2000)	16h35m15.4930s
	+38°08' 4.501"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.00 sec / seg.), time ticks 10 sec



									Freq (MHz)	All
	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00		
	22.8	72.0	99.3	125.4	57.9	-4.9	51.9	40.9	Phase	53.2
	1.4	1.2	0.7	0.2	0.2	0.4	0.4	0.3	Ampl.	0.6
	132.2	132.4	131.8	200.8	129.4	132.9	132.2	138.2	Sbd box	131.9
U/L	0/584	0/584	0/584	0/584	0/584	0/584	0/584	0/584	APs used	
B	0	0	0	0	0	0	0	0	PC freqs	
Y	0	0	0	0	0	0	0	0	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	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	1.22098399235E+03	Apriori delay (usec)	1.22096176231E+03	Resid mbdelay (usec)	-9.01997E-03	+/-	1.3E-04
Sband delay (usec)	1.22098431581E+03	Apriori clock (usec)	1.8726334E+01	Resid sbdelay (usec)	2.25535E-02	+/-	1.1E-03
Phase delay (usec)	1.22096176403E+03	Apriori clockrate (us/s)	-4.7999999E-07	Resid phdelay (usec)	1.71584E-06	+/-	2.3E-07
Delay rate (us/s)	-2.09775063299E-01	Apriori rate (us/s)	-2.09775122867E-01	Resid rate (us/s)	5.95680E-08	+/-	1.3E-09
Total phase (deg)	-52.8	Apriori accel (us/s/s)	2.11539382778E-06	Resid phase (deg)	-126.8	+/-	7.0

	RMS	Theor.							
			Amplitude	0.496 +/- 0.030	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	57.7	16.8	Search (2048X32)	0.486	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	83.1	29.4	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	45.0	9.9	Inc. seg. avg.	0.826	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.012	0.012
amp/frq (%)	91.8	17.3	Inc. frq. avg.	0.583	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

B: az 105.0 el 63.4 pa -51.3 Y: az 79.8 el 56.8 pa -72.2 u,v (fr/asec) 1531.090 968.772 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f182a/FRINGE/1234/No0007/BY..0AYLPS Output file: /Exps/f182a/FRINGE/1234/No0007/BY.W.15.0AYLPS