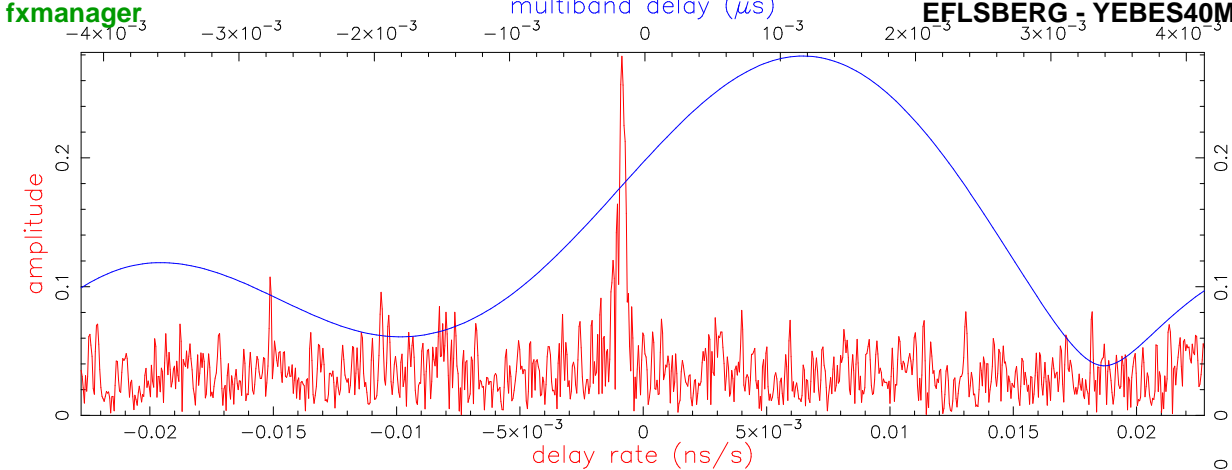


Mk4/DiFX fourfit 3.22 rev 3226

fxmanager

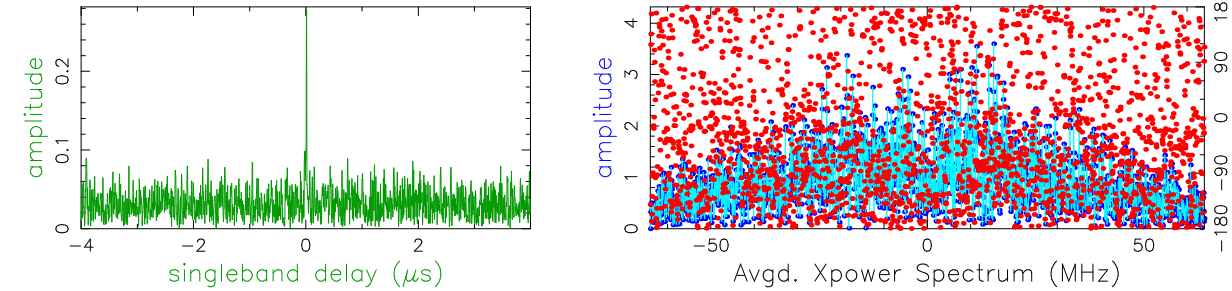
J1459+71.1PQ60G, 124-1930, EY

EFLSBERG - YEBES40M, fgroup Q, pol LL



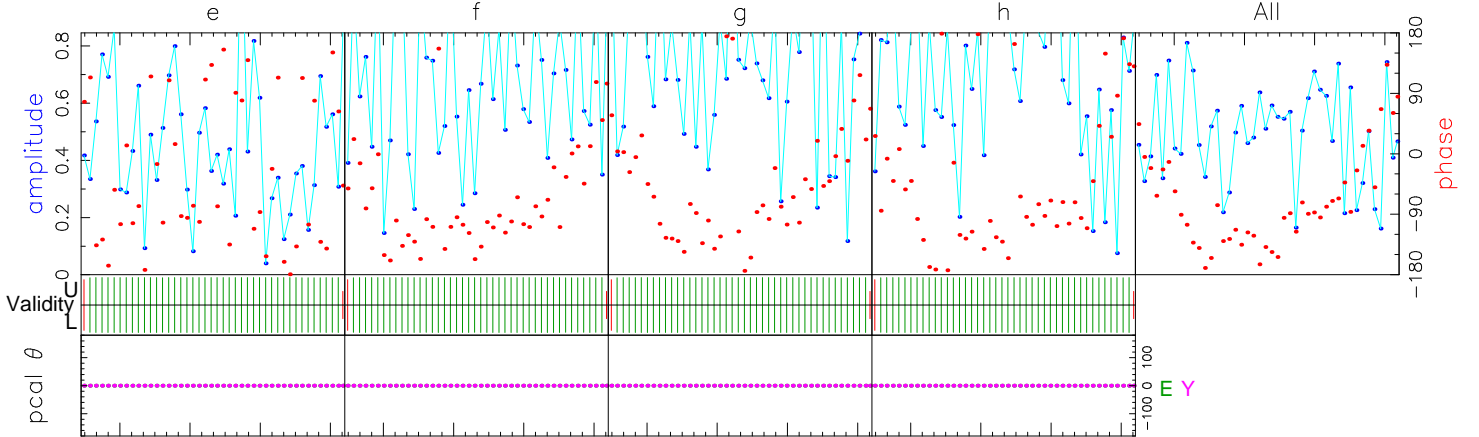
Fringe quality 7

SNR 11.5  
 Int time 221.914  
 Amp 0.282  
 Phase -93.8  
 PFD 8.1e-22  
 Delays (us)  
 SBD 0.010958  
 MBD 0.001122  
 Fringe rate (Hz)  
 -0.037047  
 Ion TEC 0.000  
 Ref freq (MHz)  
 42848.0000  
 AP (sec) 0.512



Exp. n21dk01g  
 Exper # 1234  
 Yr:day 2021:124  
 Start 193026.90  
 Stop 193409.62  
 FRT 193210.00  
 Corr/FF/build  
 2021:161:150134  
 2021:161:150214  
 2021:112:145511  
 RA & Dec (J2000)  
 14h59m07.583900s  
 +71°40'19.865999"

Amp. and Phase vs. time for each freq., 44 segs, 10 APs / seg (5.12 sec / seg.), time ticks 10 sec



42848.00	42968.00	43088.00	43208.00	Freq (MHz)	All
-140.7	-88.6	-71.7	-104.8	Phase	-93.8
0.1	0.4	0.3	0.4	Ampl.	0.3
1024.0	1027.9	1028.1	1027.0	Sbd box	1027.8
U/L 435/435	435/435	435/435	435/435	APs used	
E 0	0	0	0	PC freqs	
Y 0	0	0	0	PC freqs	
E:Y 0:0	0:0	0:0	0:0	PC phase	
E:Y 0:0	0:0	0:0	0:0	ManI PC	
E 1000	1000	1000	1000	PC amp	
Y 1000	1000	1000	1000		
E Q04UL,Q04LL	Q05UL,Q05LL	Q06UL,Q06LL	Q07UL,Q07LL	Chan ids	
Y Q04UL,Q04LL	Q05UL,Q05LL	Q06UL,Q06LL	Q07UL,Q07LL	Tracks	
				Chan ids	
				Tracks	

Group delay (usec)(sbd)	2.85030102958E+03	Apriori delay (usec)	2.85029157401E+03	Resid mbdelay (usec)	1.12224E-03	+/- 1.0E-04
Sband delay (usec)	2.85030253226E+03	Apriori clock (usec)	-3.6167068E+01	Resid sbdelay (usec)	1.09582E-02	+/- 3.8E-04
Phase delay (usec)	2.85029156792E+03	Apriori clockrate (us/s)	-8.8000001E-08	Resid phdelay (usec)	-6.08308E-06	+/- 3.2E-07
Delay rate (us/s)	-7.91141221973E-02	Apriori rate (us/s)	-7.91132575833E-02	Resid rate (us/s)	-8.64614E-07	+/- 5.0E-09
Total phase (deg)	36.9	Apriori accel (us/s/s)	-2.26657259022E-06	Resid phase (deg)	-93.8	+/- 5.0

ph/seg (deg)	67.9	Theor.	33.1	Amplitude	0.282 +/- 0.025	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-4.000	4.000
amp/seg (%)	95.7		57.8	Search (1023X16)	0.269	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	SampCntNorm: disabled	mb window (us)	-0.004	0.004
ph/frq (deg)	37.6		10.0	Inc. seg. avg.	0.421	Bits/sample: 2x2	Sample rate(MISamp/s): 128	dr window (ns/s)	-0.023	0.023
amp/frq (%)	42.1		17.4	Inc. frq. avg.	0.290	Data rate(Mb/s): 2048	nlags: 1024 t_cohere infinite	ion window (TEC)	0.00	0.00

E: az 29.7 el 55.6 pa -94.3 Y: az 24.5 el 43.5 pa -91.7 u,v (fr/asec) 710.492 -105.330 simultaneous interpolator

Control file: cf\_1234 Input file: /Exps/n21dk01g/v1/1234/124-1930/EY..1PQ60G Output file: Suppressed by test mode