

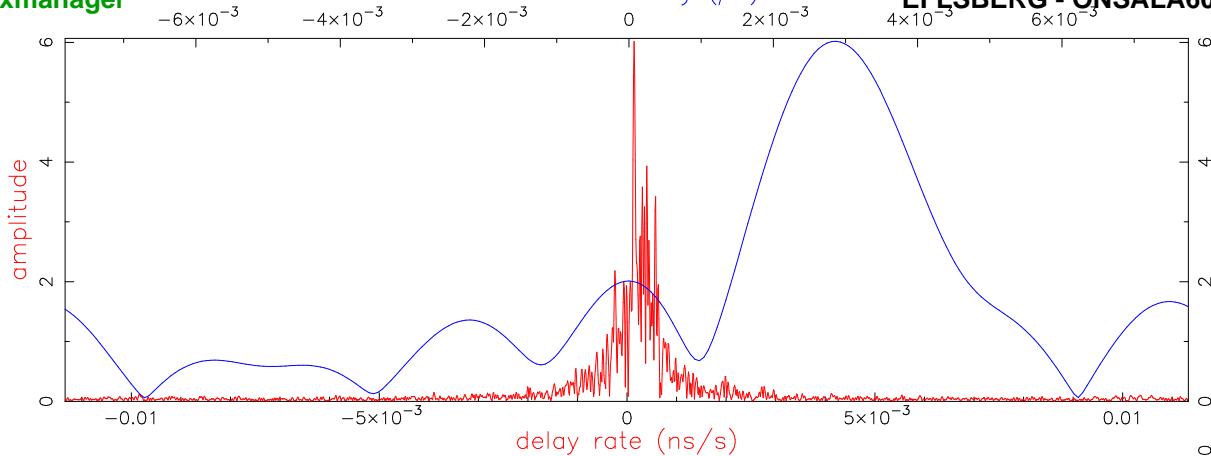
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, BX

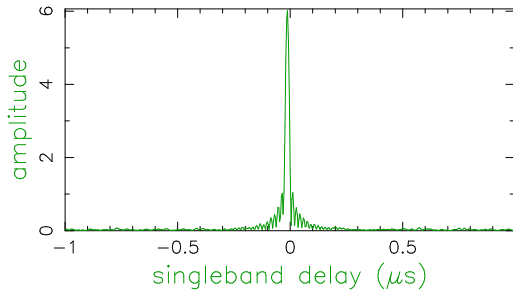
EFLSBERG - ONSALA60, fgroup W, pol LL

multiband delay (μ s)

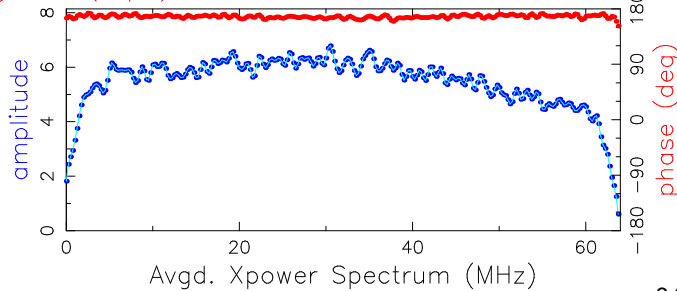


Fringe quality 3

SNR 287.3
 Int time 299.956
 Amp 6.066
 Phase -13.3
 PFD 0.0e+00
 Delays (us)
 SBD -0.012915
 MBD 0.002825
 Fringe rate (Hz)
 0.012277
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

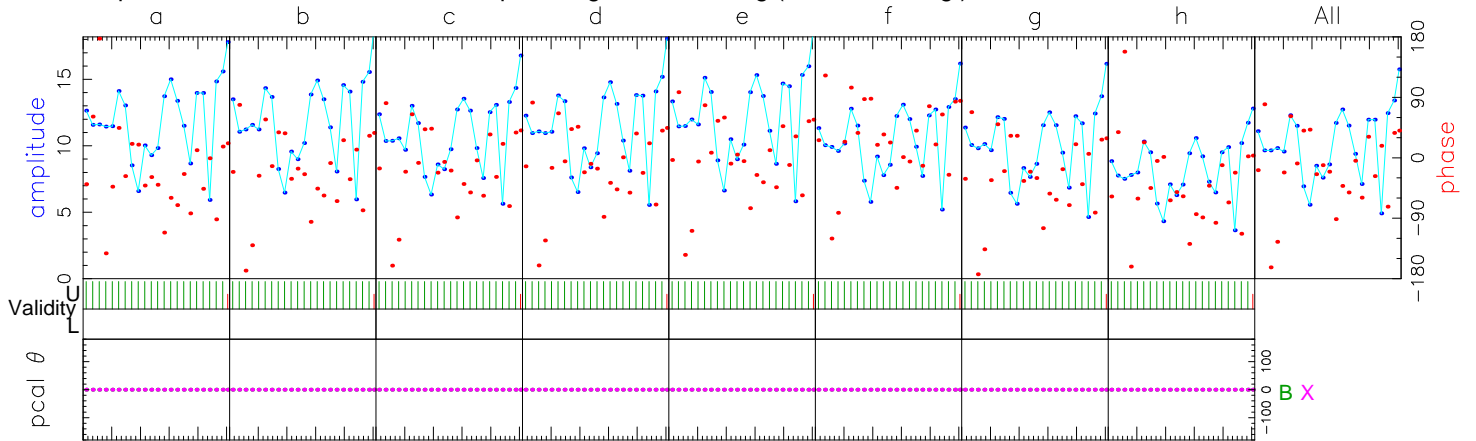


delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121500.00
 Stop 122000.03
 FRT 121730.00
 Corr/FF/build
 2021:112:143544
 2021:112:144104
 2021:057:122453
 RA & Dec (J2000)
 04h23m15.800724s
 --1°20'33.065613"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.31 sec / seg.), time ticks 10 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-32.9	-17.6	-11.9	-9.0	2.5	32.2	-24.1	-52.2	Phase	-13.3
	7.1	7.1	6.4	6.8	7.3	6.3	6.0	5.0	Ampl.	6.5
	254.1	253.5	253.8	253.8	254.1	253.6	253.2	252.7	Sbd box	253.7
U/L	586/0	586/0	586/0	586/0	586/0	586/0	586/0	586/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:X	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	
X	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
X	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec)(sbd)	1.46759763149E+03	Apriori delay (usec)	1.46761043103E+03	Resid mbdelay (usec)	2.82546E-03	+/-	3.8E-06
Sband delay (usec)	1.46759751603E+03	Apriori clock (usec)	-7.8382072E+01	Resid sbdelay (usec)	-1.29150E-02	+/-	3.0E-05
Phase delay (usec)	1.46761043060E+03	Apriori clockrate (us/s)	-7.2800002E-07	Resid phdelay (usec)	-4.29705E-07	+/-	1.3E-08
Delay rate (us/s)	1.29824532128E-01	Apriori rate (us/s)	1.29824389599E-01	Resid rate (us/s)	1.42529E-07	+/-	7.4E-11
Total phase (deg)	177.0	Apriori accel (us/s/s)	-8.04044487976E-06	Resid phase (deg)	-13.3	+/-	0.4

ph/seg (deg)	58.4	1.0	Search (2048X32)	5.970	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5				
amp/seg (%)	77.3	1.7	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000		
ph/frq (deg)	27.0	0.6	Inc. seg. avg.	10.048	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008	0.008	
amp/frq (%)	13.5	1.0	Inc. frq. avg.	6.492	Sample rate(MISamp/s): 128		dr window (ns/s)	-0.011	0.011	
					Data rate(Mb/s): 2048	nlags: 256	t_cohere infinite	ion window (TEC)	0.00	0.00

B: az 149.5 el 34.0 pa -18.8 X: az 157.1 el 29.2 pa -11.8 u,v (fr/asec) -752.150 -613.295 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/BX..1N7ECY Output file: /Exps/f211a/FRINGE/1234/No0002/BX.W.5.1N7ECY