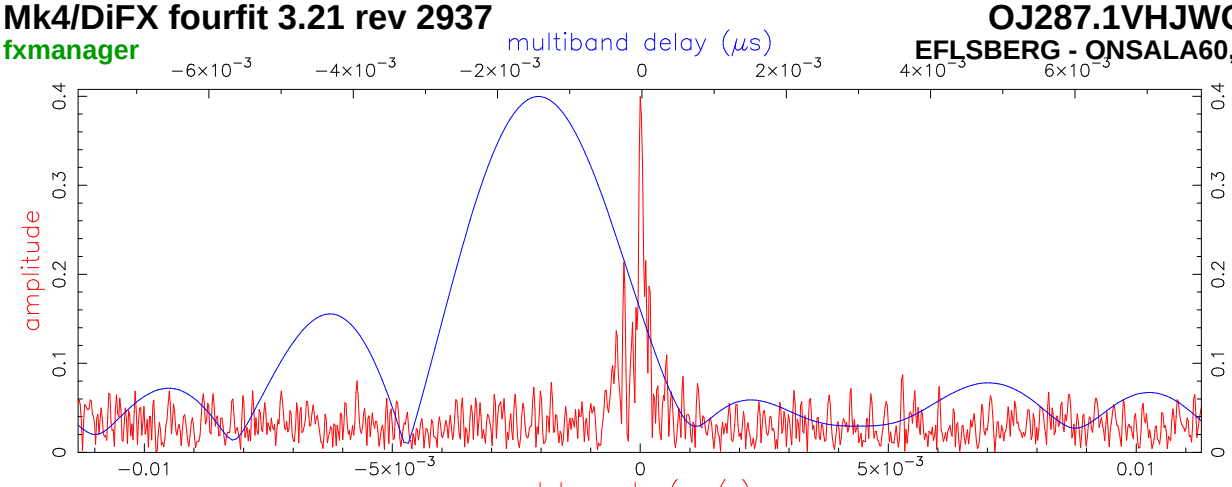
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

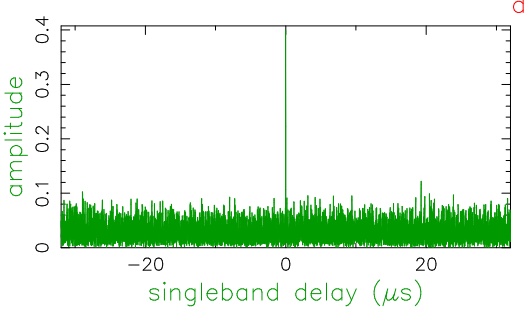
OJ287.1VHJWO, No0002, BX

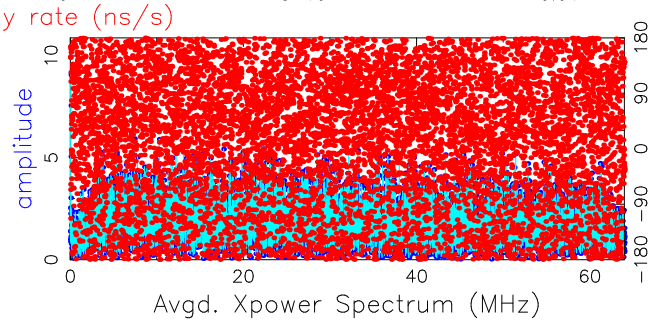
EFLSBERG - ONSALA60, fgroup W, pol LL



Fringe quality 9

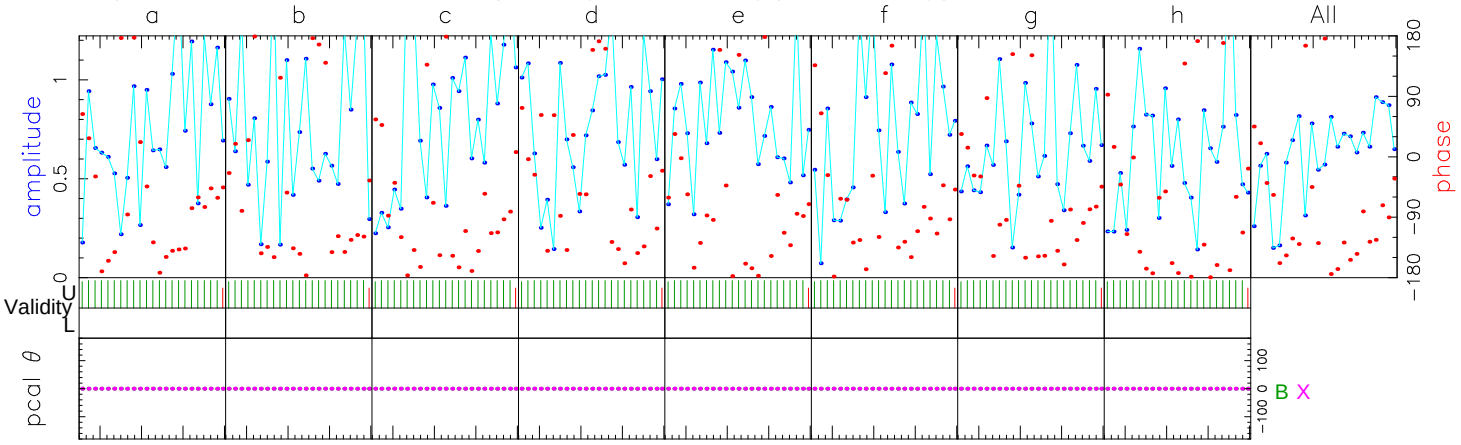
SNR 16.1
Int time 209.000
Amp 0.408
Phase -116.8
PFD 0.0e+00
Delays (us)
SBD -0.017639
MBD -0.001396
Fringe rate (Hz)
0.000822
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512





Exp. f212a
Exper # 16383
Yr:day 2021:273
Start 121629.60
Stop 121959.52
FRT 121730.00
Corr/FF/build
2021:273:143800
2021:273:145202
2021:252:122852
RA & Dec (J2000)
08h54m48.874928s
+20°06'30.640850"

Amp. and Phase vs. time for each freq., 23 segs, 18 APs / seg (9.22 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
	-102.3	-129.3	-123.2	-107.3	-117.1	-105.0	-103.3	-144.7	Phase	-116.8
	0.4	0.5	0.5	0.3	0.4	0.4	0.4	0.4	Ampl.	0.4
	8188.7	8188.2	8188.8	6291.7	8188.7	8188.6	8188.1	9040.0	Sbd box	8188.5
U/L	410/0	410/0	410/0	410/0	410/0	410/0	410/0	410/0	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 Tracks	
X	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids Tracks	

Group delay (usec)(sbd)	1.07888403638E+03	Apriori delay (usec)	1.07890105770E+03	Resid mbdelay (usec)	-1.39632E-03	+/-	6.7E-05
Sband delay (usec)	1.07888341845E+03	Apriori clock (usec)	-6.1837776E+01	Resid sbdelay (usec)	-1.76392E-02	+/-	5.3E-04
Phase delay (usec)	1.07890105393E+03	Apriori clockrate (us/s)	-7.3799999E-07	Resid phdelay (usec)	-3.76553E-06	+/-	2.3E-07
Delay rate (us/s)	-1.05232639733E-01	Apriori rate (us/s)	-1.05232649270E-01	Resid rate (us/s)	9.53719E-09	+/-	1.9E-09
Total phase (deg)	-77.1	Apriori accel (us/s/s)	-8.79571824878E-06	Resid phase (deg)	-116.8	+/-	7.1

	RMS	Theor.	Amplitude	0.408 +/- 0.025	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	62.8	17.0	Search (1024X32)	0.393	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-32.000	32.000
amp/seg (%)	74.4	29.8	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.008	0.008
ph/frq (deg)	16.3	10.1	Inc. seg. avg.	0.598	Sample rate(MSamp/s): 128	dr window (ns/s)	-0.011	0.011
amp/frq (%)	19.0	17.5	Inc. frq. avg.	0.405	Data rate(Mb/s): 2048 nlags: 8192 t_cohere infinite	ion window (TEC)	0.00	0.00

B: az 264.7 el 30.6 pa 42.4 X: az 265.2 el 27.0 pa 34.9 u,v (fr/asec) 631.450 -842.249 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f212a/FRINGE/1234/No0002/BX..1VHJWO Output file: /Exps/f212a/FRINGE/1234/No0002/BX.W.3.1VHJWO