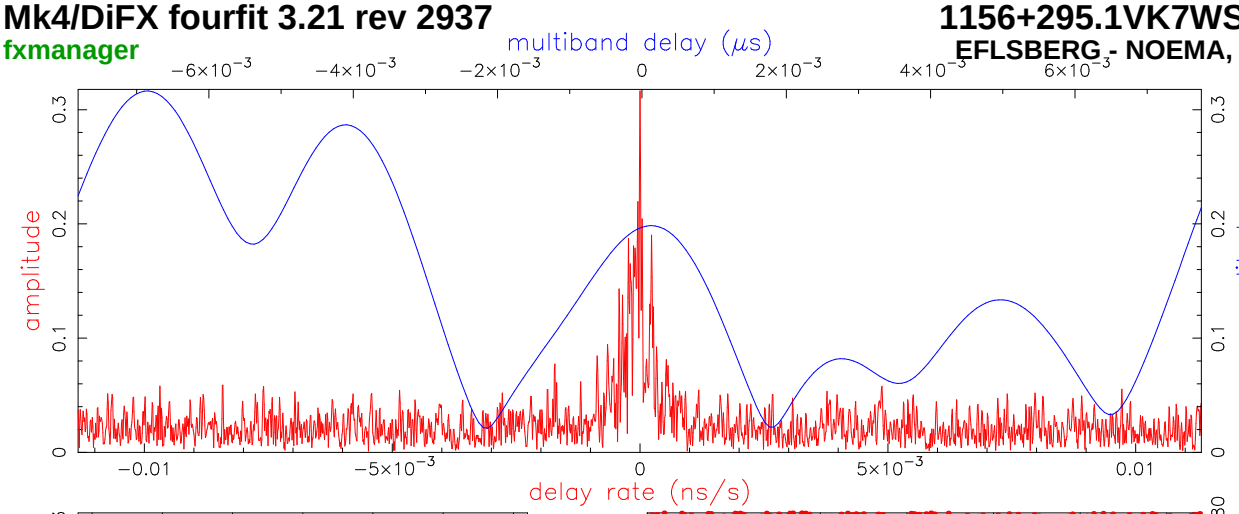
Mk4/DiFX fourfit 3.21 rev 2937

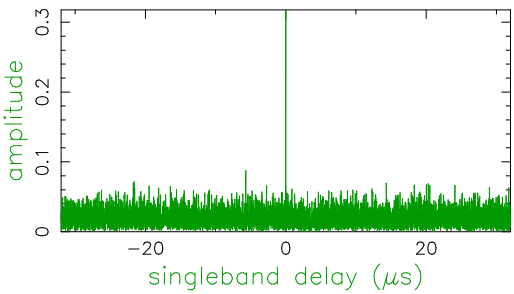
fxmanager

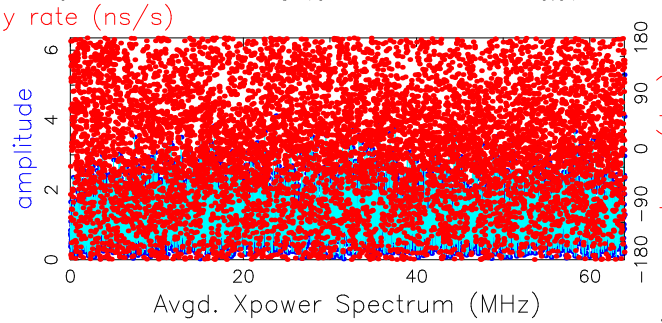
1156+295.1VK7WS, No0021, BN

EFLSBERG - NOEMA, fgroup W, pol LR

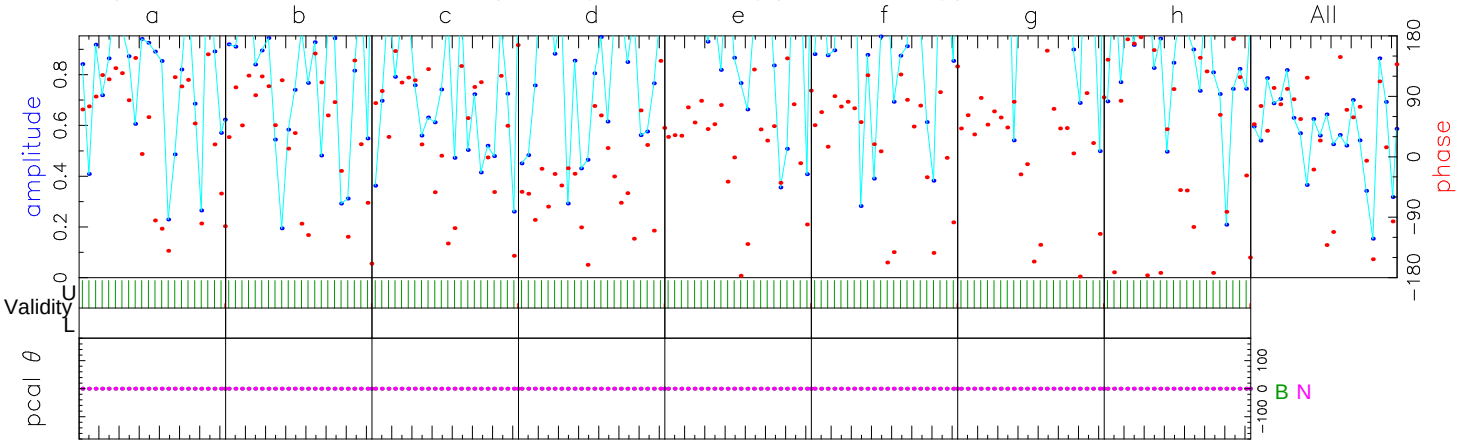


Fringe quality	7
SNR	17.8
Int time	419.793
Amp	0.318
Phase	70.7
PFD	0.0e+00
Delays (us)	
SBD	-0.000884
MBD	-0.006851
Fringe rate (Hz)	-0.000107
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	f212a
Exper #	16383
Yr:day	2021:274
Start	090001.00
Stop	090700.84
FRT	090331.00
Corr/FF/build	2021:275:011005
	2021:275:012434
	2021:252:122852
RA & Dec (J2000)	11h59m31.833912s
	+29°14'43.826900"





Amp. and Phase vs. time for each freq., 23 segs, 37 APs / seg (18.94 sec / seg.), time ticks 30 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	102.2	81.9	97.8	-42.1	44.2	69.5	56.3	166.0	Phase	70.7
	0.4	0.4	0.3	0.4	0.6	0.6	0.7	0.4	Ampl.	0.5
	8191.1	8193.0	8194.0	8193.2	8193.7	8193.2	8192.7	8192.0	Sbd box	8192.8
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:N	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	
N	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
									Tracks	
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	-4.23505497061E+02	Apriori delay (usec)	-4.23498646123E+02	Resid mbdelay (usec)	-6.85094E-03	+/-	6.1E-05
Sband delay (usec)	-4.23499530373E+02	Apriori clock (usec)	1.5491023E+01	Resid sbdelay (usec)	-8.84250E-04	+/-	4.8E-04
Phase delay (usec)	-4.23498643843E+02	Apriori clockrate (us/s)	4.9599999E-06	Resid phdelay (usec)	2.28029E-06	+/-	2.1E-07
Delay rate (us/s)	-6.14931887653E-02	Apriori rate (us/s)	-6.14931875204E-02	Resid rate (us/s)	-1.24494E-09	+/-	8.6E-10
Total phase (deg)	-65.0	Apriori accel (us/s/s)	6.13417526681E-06	Resid phase (deg)	70.7	+/-	6.4

	RMS	Theor.							
			Amplitude	0.318 +/- 0.018	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	78.6	15.4	Search (2048X32)	0.315	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-32.000	32.000
amp/seg (%)	97.5	26.9	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008	0.008
ph/frq (deg)	64.0	9.1	Inc. seg. avg.	0.559	Sample rate(MSamp/s): 128		dr window (ns/s)	-0.011	0.011
amp/frq (%)	61.4	15.9	Inc. frq. avg.	0.458	Data rate(Mb/s): 2048	nlags: 8192 t_cohere infinite	ion window (TEC)	0.00	0.00

B: az 124.9 el 60.0 pa -36.7 N: az 114.3 el 62.4 pa -47.5 u,v (fr/asec) 411.601 800.935 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f212a/FRINGE/1234/No0021/BN..1VK7WS Output file: /Exps/f212a/FRINGE/1234/No0021/BN.W.15.1VK7WS