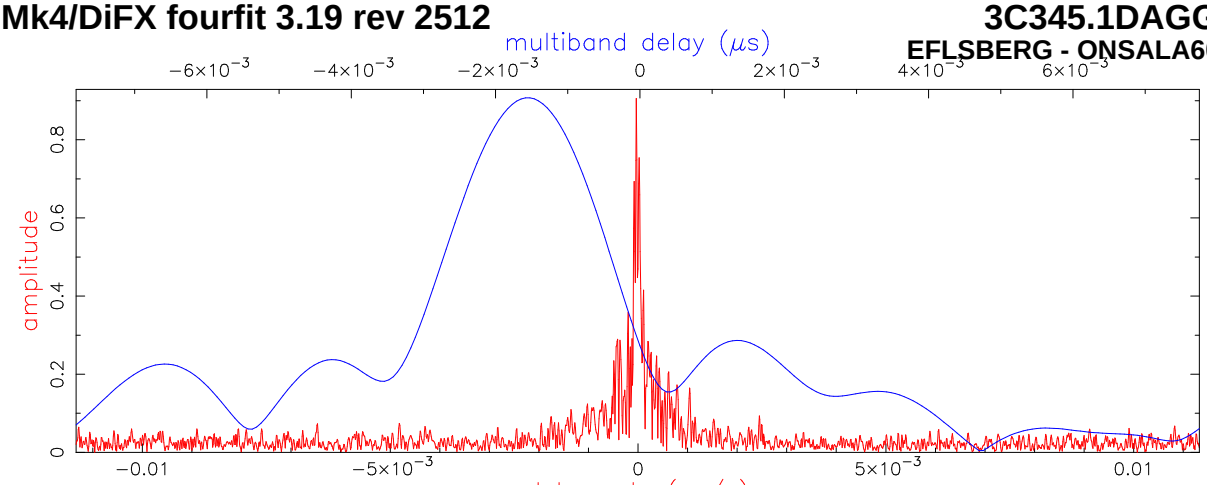
Mk4/DiFX fourfit 3.19 rev 2512

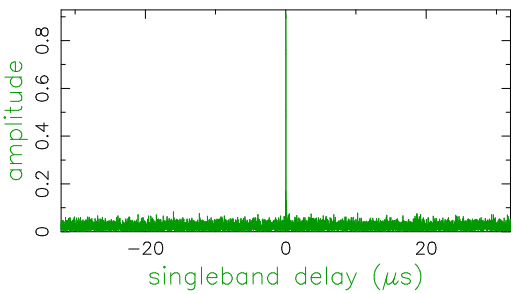
3C345.1DAGGO, No0007, BX

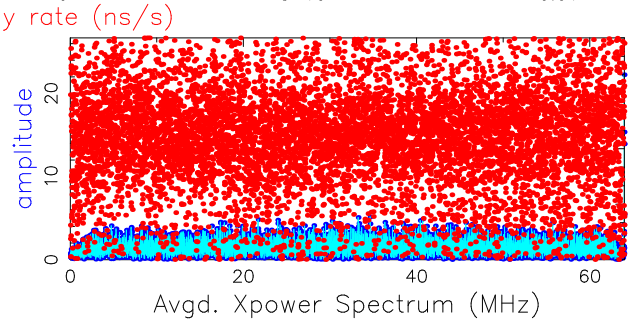
EFLSBERG - ONSALA60, fgroup W, pol RR



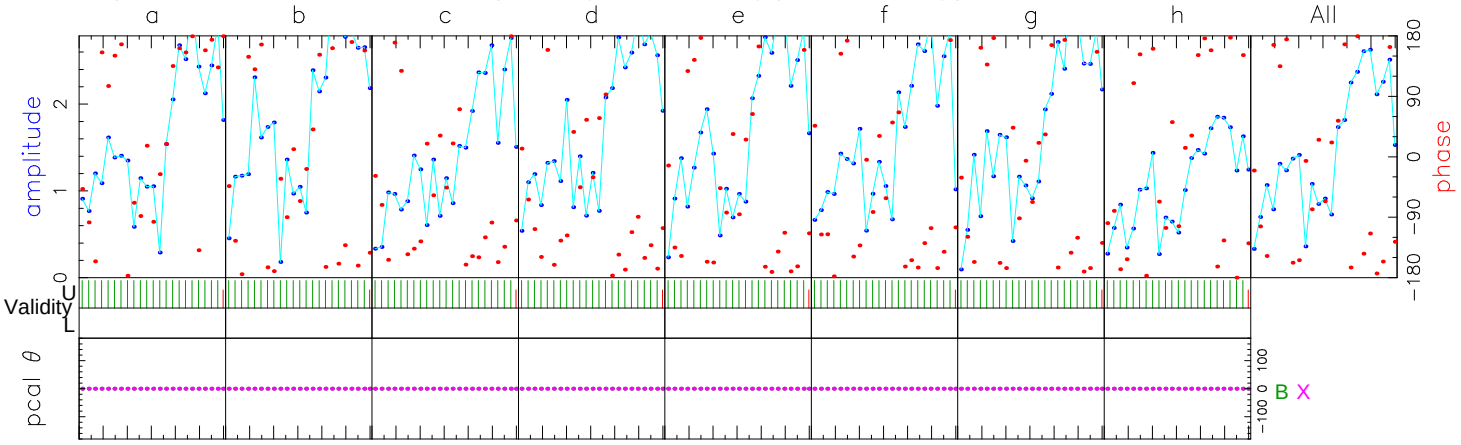
Fringe quality 4

SNR	48.2
Int time	359.540
Amp	0.929
Phase	-161.5
PFD	0.0e+00
Delays (us)	
SBD	0.013539
MBD	-0.001624
Fringe rate (Hz)	-0.002996
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	f202a
Exper #	16383
Yr:day	2020:282
Start	134500.00
Stop	135059.94
FRT	134800.00
Corr/FF/build	2020:285:203810
	2020:285:204841
	2020:234:093156
RA & Dec (J2000)	16h42m58.809967s
	+39°48'36.993984"





Amp. and Phase vs. time for each freq., 23 segs, 31 APs / seg (15.87 sec / seg.), time ticks 30 sec



									Freq (MHz)	All
	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00		
	169.8	-174.7	-134.8	-134.5	-162.7	-149.8	-163.8	-179.5	Phase	-161.5
	1.0	1.2	0.8	1.0	1.1	0.9	1.1	0.6	Ampl.	1.0
	8196.3	8196.6	8196.9	8196.1	8196.4	8196.9	8196.5	8195.1	Sbd box	8196.5
U/L	703/0	703/0	703/0	703/0	703/0	703/0	703/0	703/0	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	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	
X	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	2.72649775954E+02	Apriori delay (usec)	2.72635775237E+02	Resid mbdelay (usec)	-1.62428E-03	+/-	2.3E-05
Sband delay (usec)	2.72649313737E+02	Apriori clock (usec)	-3.8118782E+01	Resid sbdelay (usec)	1.35385E-02	+/-	1.8E-04
Phase delay (usec)	2.72635770029E+02	Apriori clockrate (us/s)	-7.2800002E-07	Resid phdelay (usec)	-5.20798E-06	+/-	7.7E-08
Delay rate (us/s)	9.25776835245E-02	Apriori rate (us/s)	9.25777183033E-02	Resid rate (us/s)	-3.47788E-08	+/-	3.7E-10
Total phase (deg)	82.9	Apriori accel (us/s/s)	-6.75233193895E-06	Resid phase (deg)	-161.5	+/-	2.4

	RMS	Theor.	Amplitude	0.929 +/- 0.019	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	83.5	5.7	Search (2048X32)	0.900	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-32.000 32.000
amp/seg (%)	97.0	10.0	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	22.0	3.4	Inc. seg. avg.	1.470	Sample rate(MSamp/s): 128		dr window (ns/s)	-0.011 0.011
amp/frq (%)	17.3	5.9	Inc. frq. avg.	0.954	Data rate(Mb/s): 2048	nlags: 8192 t_cohere infinite	ion window (TEC)	0.00 0.00

B: az 119.2 el 72.2 pa -46.3 X: az 144.0 el 69.8 pa -23.5 u,v (fr/asec) -704.088 -913.098 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f202a/FRINGE/1234/No0007/BX..1DAGGO Output file: /Exps/f202a/FRINGE/1234/No0007/BX.W.35.1DAGGO