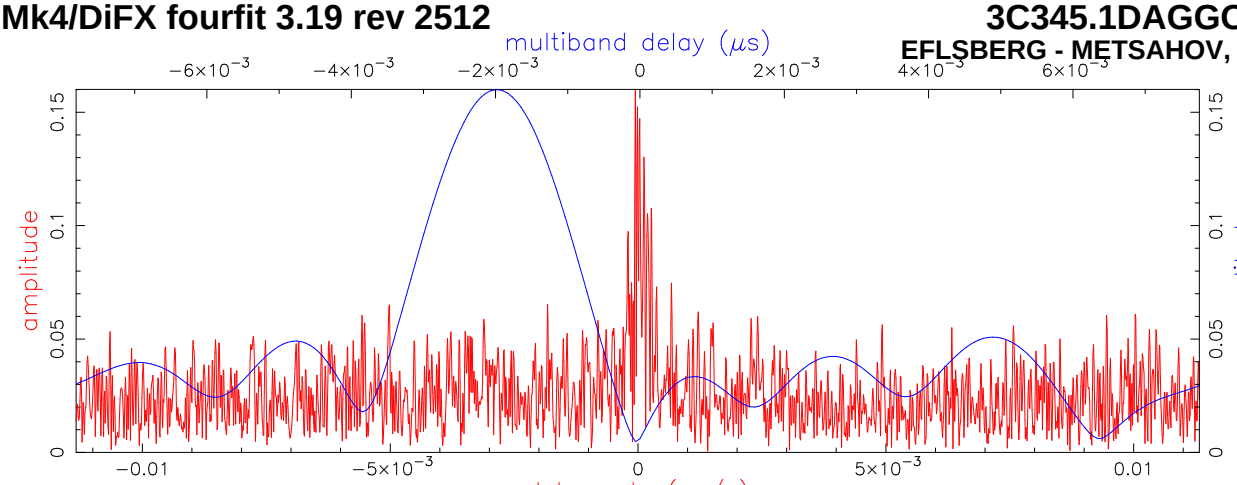
Mk4/DiFX fourfit 3.19 rev 2512

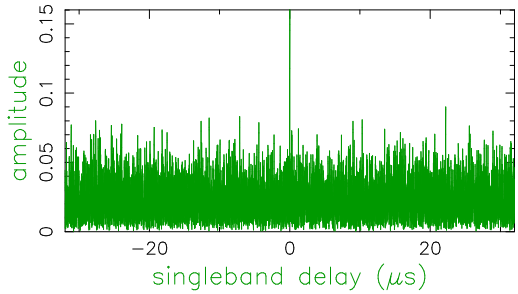
3C345.1DAGGO, No0007, BZ

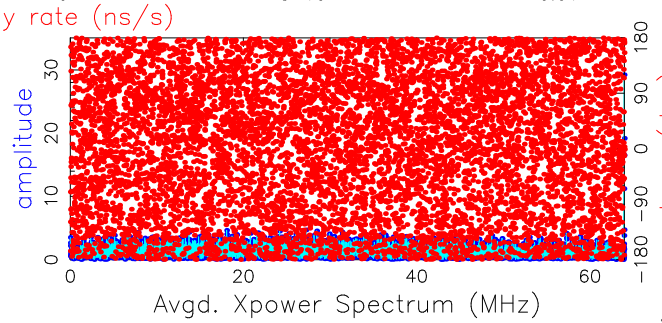
EFLSBERG - METSAHOV, fgroup W, pol RL



Fringe quality 9

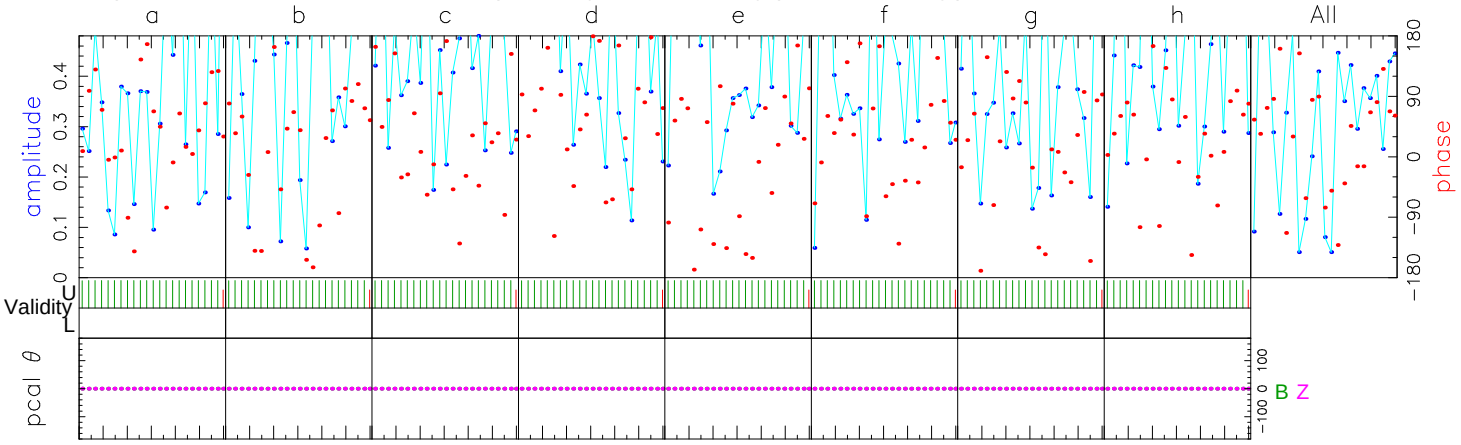
SNR 8.3
Int time 358.951
Amp 0.160
Phase 51.4
PFD 1.2e-06
Delays (us)
SBD -0.003567
MBD -0.001972
Fringe rate (Hz)
-0.004923
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512





Exp. f202a
Exper # 16383
Yr:day 2020:282
Start 134500.00
Stop 135059.94
FRT 134800.00
Corr/FF/build
2020:285:203810
2020:285:205141
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



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	51.7	66.3	7.6	77.3	72.3	40.7	46.5	50.5	Phase	51.4
	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	Ampl.	0.2
	11988.1	14818.9	15706.6	1118.5	6723.9	1046.6	11651.8	10782.0	Sbd box	8192.1
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	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:Z	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:Z	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	
Z	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids Tracks	

Group delay (usec)(sbd)	3.91841177621E+02	Apriori delay (usec)	3.91843150008E+02	Resid mbdelay (usec)	-1.97239E-03	+/-	1.3E-04
Sband delay (usec)	3.91839583508E+02	Apriori clock (usec)	9.9903173E+00	Resid sbdelay (usec)	-3.56650E-03	+/-	1.0E-03
Phase delay (usec)	3.91843151666E+02	Apriori clockrate (us/s)	-2.1600000E-07	Resid phdelay (usec)	1.65841E-06	+/-	4.5E-07
Delay rate (us/s)	2.32670984031E-01	Apriori rate (us/s)	2.32671041184E-01	Resid rate (us/s)	-5.71530E-08	+/-	2.1E-09
Total phase (deg)	30.4	Apriori accel (us/s/s)	-8.97797001450E-06	Resid phase (deg)	51.4	+/-	13.8

	RMS	Theor.	Amplitude	0.160 +/- 0.019
ph/seg (deg)	81.4	33.1	Search (2048X32)	0.158
amp/seg (%)	138.0	57.8	Interp.	0.000
ph/frq (deg)	23.8	19.5	Inc. seg. avg.	0.267
amp/frq (%)	15.2	34.1	Inc. frq. avg.	0.161

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Sample rate(MSamp/s): 128
Data rate(Mb/s): 2048 nlags: 8192 t_cohere infinite

sb window (us)	-32.000	32.000
mb window (us)	-0.008	0.008
dr window (ns/s)	-0.011	0.011
ion window (TEC)	0.00	0.00

B: az 119.2 el 72.2 pa -46.3 Z: az 173.7 el 69.5 pa -3.1 u,v (fr/asec) -1752.627 -1218.615 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f202a/FRINGE/1234/No0007/BZ..1DAGGO Output file: /Exps/f202a/FRINGE/1234/No0007/BZ.W.58.1DAGGO