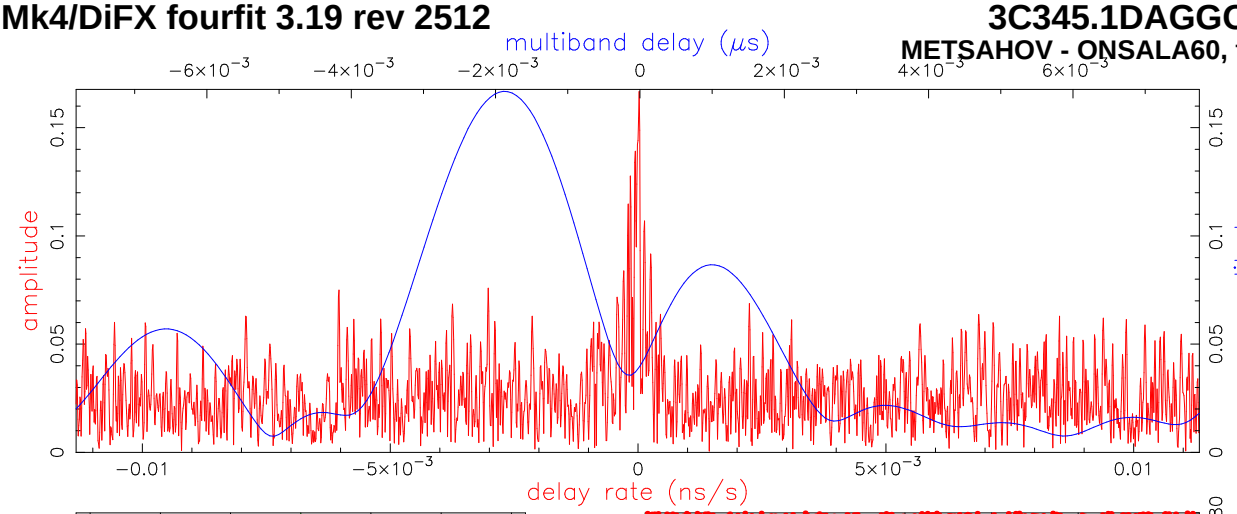
Mk4/DiFX fourfit 3.19 rev 2512

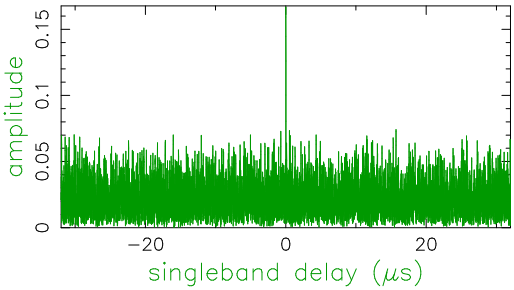
3C345.1DAGGO, No0007, ZX

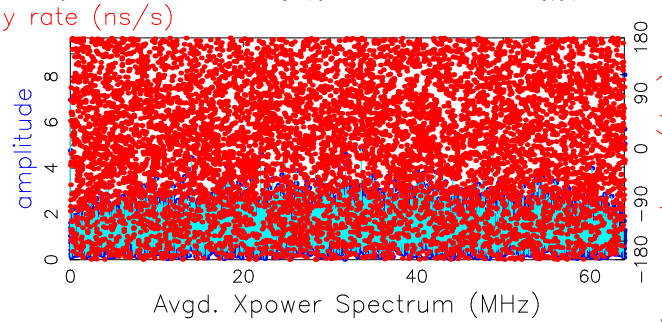
METSAHOV - ONSALA60, fgroup W, pol RR



Fringe quality 9

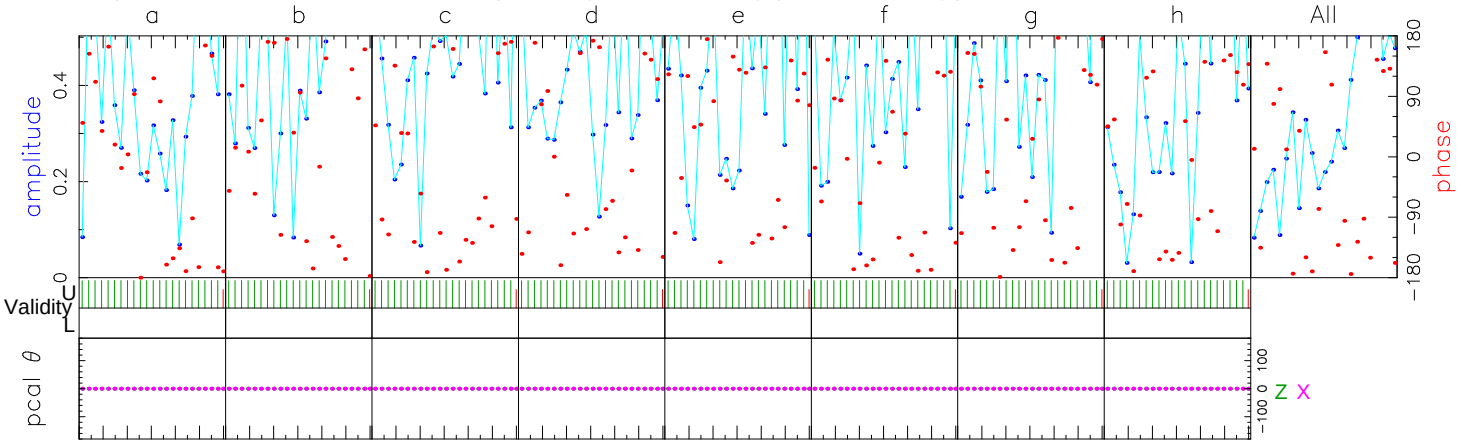
SNR 8.7
Int time 359.195
Amp 0.168
Phase -174.2
PFD 4.2e-08
Delays (us)
SBD 0.012686
MBD -0.001850
Fringe rate (Hz)
0.001863
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512





Exp. f202a
Exper # 16383
Yr:day 2020:282
Start 134500.00
Stop 135059.94
FRT 134800.00
Corr/FF/build
2020:285:203810
2020:285:204842
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
	159.1	170.4	-137.4	-149.2	166.6	-178.8	178.6	174.8	Phase	-174.2
	0.2	0.2	0.3	0.2	0.1	0.1	0.2	0.2	Ampl.	0.2
	4222.8	1402.2	8197.2	12397.0	10461.1	8223.5	2575.2	9238.6	Sbd box	8196.2
U/L	703/0	703/0	703/0	703/0	703/0	703/0	703/0	703/0	APs used	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
Z:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
X	1000	1000	1000	1000	1000	1000	1000	1000		
Z	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)	-1.19193600072E+02	Apriori delay (usec)	-1.19207374771E+02	Resid mbdelay (usec)	-1.85030E-03	+/-	1.2E-04
Sband delay (usec)	-1.19194688521E+02	Apriori clock (usec)	-4.8109100E+01	Resid sbdelay (usec)	1.26862E-02	+/-	9.9E-04
Phase delay (usec)	-1.19207380390E+02	Apriori clockrate (us/s)	-5.1200000E-07	Resid phdelay (usec)	-5.61908E-06	+/-	4.3E-07
Delay rate (us/s)	-1.40093301249E-01	Apriori rate (us/s)	-1.40093322881E-01	Resid rate (us/s)	2.16316E-08	+/-	2.0E-09
Total phase (deg)	-268.9	Apriori accel (us/s/s)	2.22563807555E-06	Resid phase (deg)	-174.2	+/-	13.2

	RMS	Theor.	Amplitude	0.168 +/- 0.019	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	80.7	31.6	Search (2048X32)	0.166	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-32.000 32.000
amp/seg (%)	131.1	55.2	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	24.1	18.6	Inc. seg. avg.	0.277	Sample rate(MSamp/s): 128		dr window (ns/s)	-0.011 0.011
amp/frq (%)	26.3	32.5	Inc. frq. avg.	0.171	Data rate(Mb/s): 2048	nlags: 8192 t_cohere infinite	ion window (TEC)	0.00 0.00

Z: az 173.7 el 69.5 pa -3.1 X: az 144.0 el 69.8 pa -23.5 u,v (fr/asec) 1048.539 305.516 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f202a/FRINGE/1234/No0007/ZX..1DAGGO Output file: /Exps/f202a/FRINGE/1234/No0007/ZX.W.38.1DAGGO