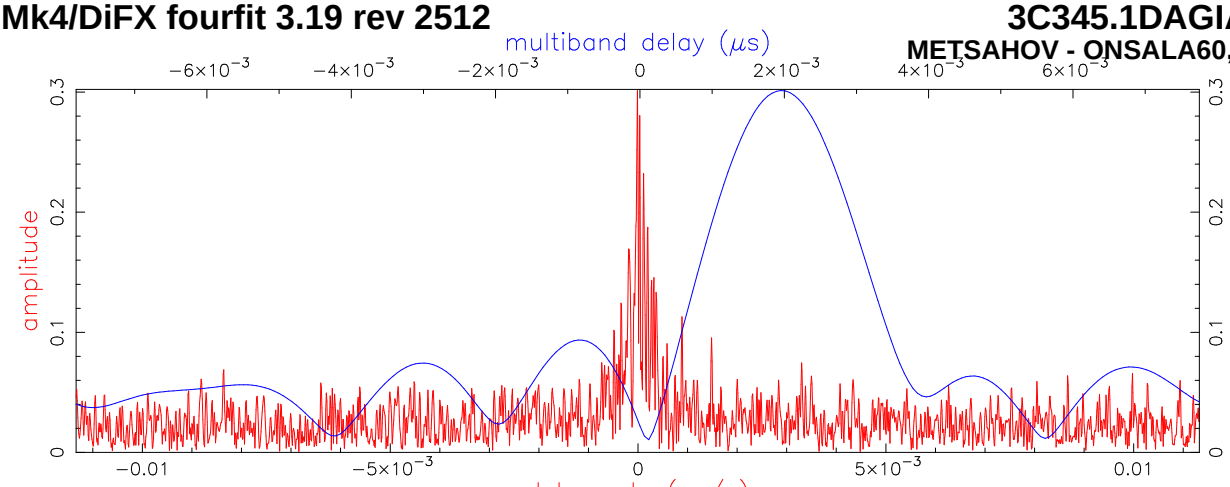
Mk4/DiFX fourfit 3.19 rev 2512

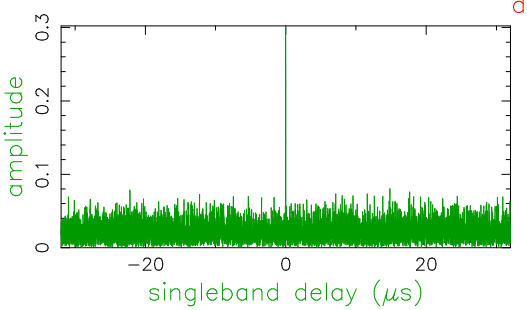
3C345.1DAGIA, No0008, ZX

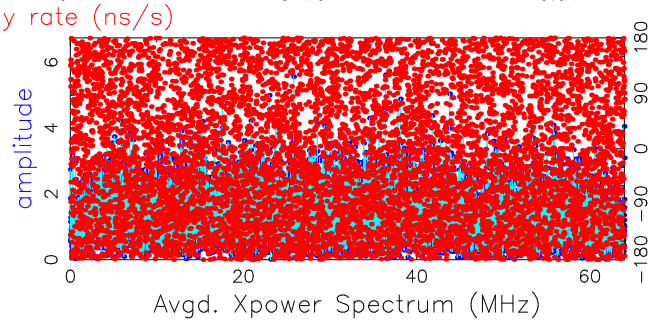
METSAHOV - ONSALA60, fgroup W, pol LL



Fringe quality 9

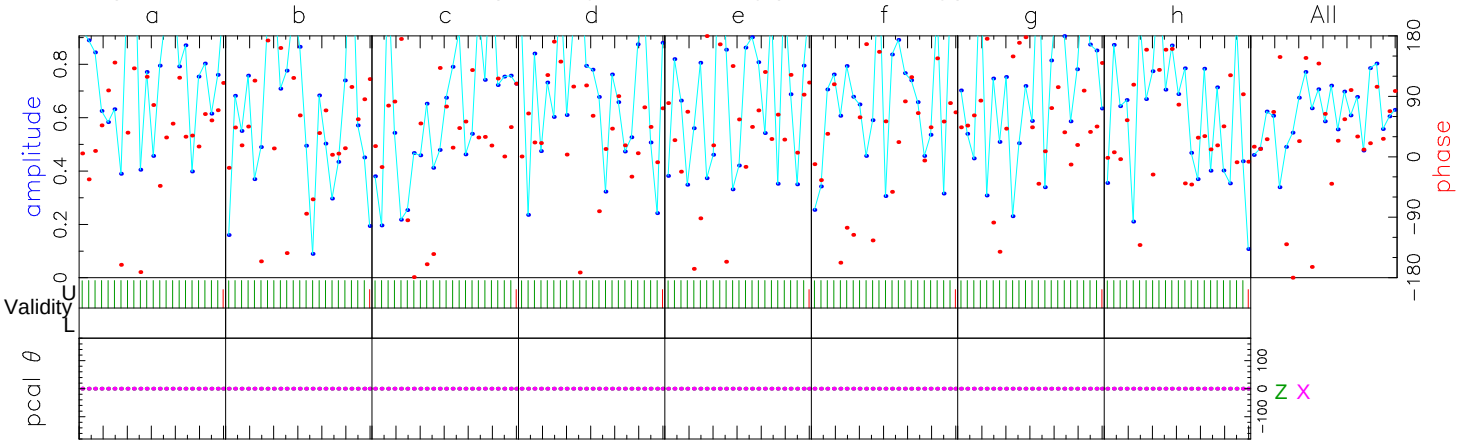
SNR 15.7
Int time 359.321
Amp 0.302
Phase 61.4
PFD 5.6e-45
Delays (us)
SBD -0.014841
MBD 0.001983
Fringe rate (Hz)
-0.001142
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512





Exp. f202a
Exper # 16383
Yr:day 2020:282
Start 140000.00
Stop 140559.94
FRT 140300.00
Corr/FF/build
2020:285:204243
2020:285:205332
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
	56.6	69.9	57.6	62.2	68.6	84.2	58.9	39.1	Phase	61.4
	0.5	0.3	0.4	0.3	0.3	0.2	0.4	0.2	Ampl.	0.3
	8189.0	8190.0	8189.0	8189.4	8189.7	12188.4	8188.9	13263.5	Sbd box	8189.2
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	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)	-2.44313455660E+02	Apriori delay (usec)	-2.44299813951E+02	Resid mbdelay (usec)	1.98329E-03	+/-	6.9E-05
Sband delay (usec)	-2.44314655201E+02	Apriori clock (usec)	-4.8109562E+01	Resid sbdelay (usec)	-1.48413E-02	+/-	5.5E-04
Phase delay (usec)	-2.44299811971E+02	Apriori clockrate (us/s)	-5.1200000E-07	Resid phdelay (usec)	1.98056E-06	+/-	2.4E-07
Delay rate (us/s)	-1.37790104978E-01	Apriori rate (us/s)	-1.37790091722E-01	Resid rate (us/s)	-1.32557E-08	+/-	1.1E-09
Total phase (deg)	-289.1	Apriori accel (us/s/s)	2.89081522361E-06	Resid phase (deg)	61.4	+/-	7.3

	RMS	Theor.	Amplitude	0.302 +/- 0.019	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	70.1	17.5	Search (2048X32)	0.299	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-32.000 32.000
amp/seg (%)	108.4	30.6	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	14.1	10.3	Inc. seg. avg.	0.583	Sample rate(MSamp/s): 128		dr window (ns/s)	-0.011 0.011
amp/frq (%)	26.7	18.1	Inc. frq. avg.	0.301	Data rate(Mb/s): 2048	nlags: 8192 t_cohere infinite	ion window (TEC)	0.00 0.00

Z: az 182.5 el 69.5 pa 2.7 X: az 152.5 el 70.9 pa -17.9 u,v (fr/asec) 1031.455 352.125 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f202a/FRINGE/1234/No0008/ZX..1DAGIA Output file: /Exps/f202a/FRINGE/1234/No0008/ZX.W.4.1DAGIA