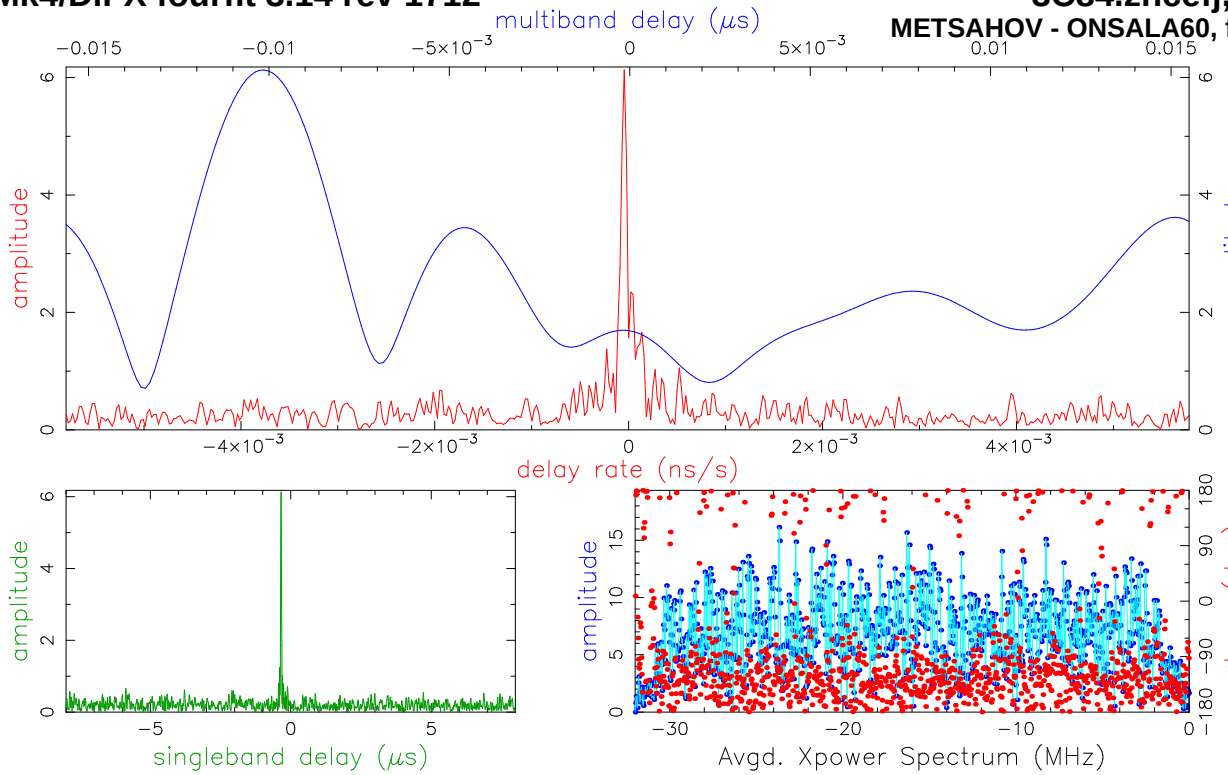
Mk4/DiFX fourfit 3.14 rev 1712

3C84.zncefj, No0108, ZX

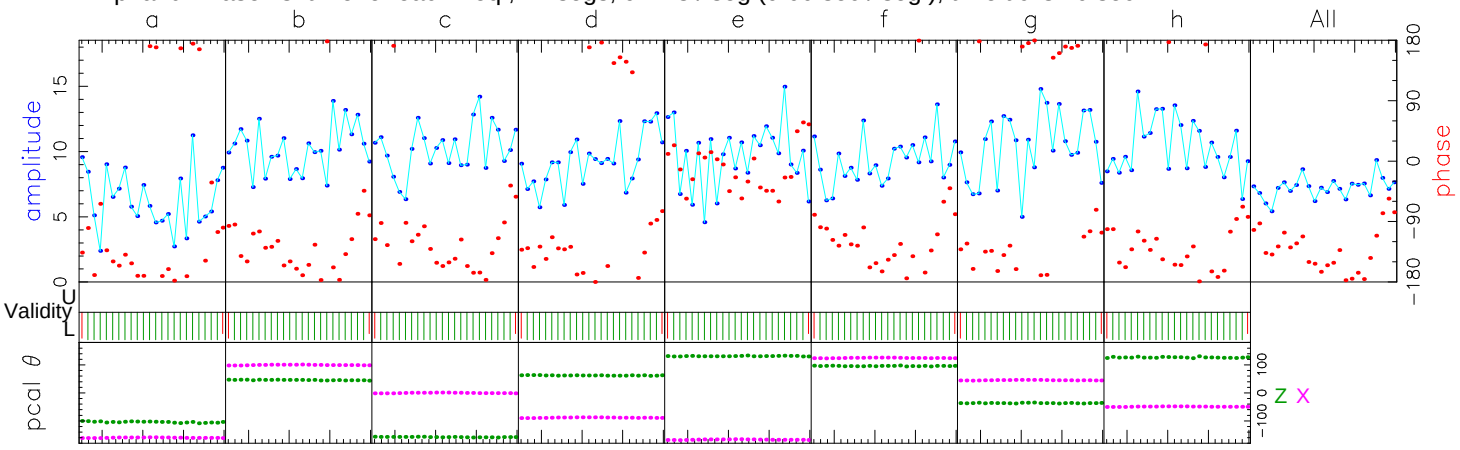
METSAHOV - ONSALA60, fgroup W, pol RR



Fringe quality 3
Error code H
SNR 174.6
Int time 213.476
Amp 6.180
Phase -130.9
PFD 0.0e+00
Delays (us)
SBD -0.346141
MBD -0.010175
Fringe rate (Hz)
-0.004715
Ion TEC 0.000
Ref freq (MHz)
86156.0000
AP (sec) 1.000

Exp. c171b
Exper # 16383
Yr:day 2017:090
Start 093026.00
Stop 093400.00
FRT 093340.00
Corr/FF/build
2017:149:071140
2017:149:071608
2017:146:101844
RA & Dec (J2000)
03h19m48.1601s
+41˚30'42.104"

Amp. and Phase vs. time for each freq., 24 segs, 9 APs / seg (9.00 sec / seg.), time ticks 10 sec



									Freq (MHz)	All
	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00		
	-151.3	-131.3	-128.8	-151.6	-14.0	-124.0	-155.0	-135.5	Phase	-130.9
	5.1	8.5	8.4	7.1	8.2	7.7	8.6	8.9	Ampl.	7.8
	981.0	980.7	980.8	980.8	980.9	980.6	980.7	980.7	Sbd box	980.7
U/L	0/214	0/214	0/214	0/214	0/214	0/214	0/214	0/214	APs used	
Z	313.5	314.8	312.5	308.1	277.6	308.6	312.2	313.4	PC R delays (ns)	
X	698.4	695.9	697.5	694.5	695.2	693.5	696.0	696.8	PC R delays (ns)	
Z:X	-104:-160	46:100	-158:0	62:-88	131:-167	96:125	-36:45	127:-49	PC phase	
Z:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
Z	1	1	1	1	1	1	1	0	PC amp	
X	48	47	49	47	45	49	50	50		
Z	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
									Tracks	
X	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
									Tracks	

Group delay (usec)(model)	1.57176493431E+03	Apriori delay (usec)	1.57177510896E+03	Resid mbdelay (usec)	-1.01746E-02	+/-	1.2E-05
Sband delay (usec)	1.57142896746E+03	Apriori clock (usec)	-1.0340624E+00	Resid sbdelay (usec)	-3.46141E-01	+/-	9.9E-05
Phase delay (usec)	1.57177510473E+03	Apriori clockrate (us/s)	-2.8330336E-07	Resid phdelay (usec)	-4.22198E-06	+/-	2.1E-08
Delay rate (us/s)	-1.07995737326E-01	Apriori rate (us/s)	-1.07995682598E-01	Resid rate (us/s)	-5.47278E-08	+/-	1.7E-10
Total phase (deg)	-27.6	Apriori accel (us/s/s)	-6.44719319160E-06	Resid phase (deg)	-130.9	+/-	0.7

	RMS	Theor.	Amplitude	6.180 +/- 0.035	Pcal mode: MULTITONE, MULTITONE PC period (AP's) 5, 5			
ph/seg (deg)	32.5	1.6	Search (512X32)	5.740	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000
amp/seg (%)	21.4	2.8	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: disabled	mb window (us)	-0.016	0.016
ph/frq (deg)	50.3	0.9	Inc. seg. avg.	7.231	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.006	0.006
amp/frq (%)	32.4	1.6	Inc. frq. avg.	7.816	Data rate(Mb/s): 1024 nlags: 1024 t_cohere infinite	ion window (TEC)	0.00	0.00

Z: az 94.6 el 52.4 pa -41.3 X: az 80.9 el 45.8 pa -45.4 u,v (fr/asec) 816.484 -286.917 simultaneous interpolator

Control file: default Input file: /Exps/c171b/FF/1111/No0108/ZX..zncefj Output file: Suppressed by test mode