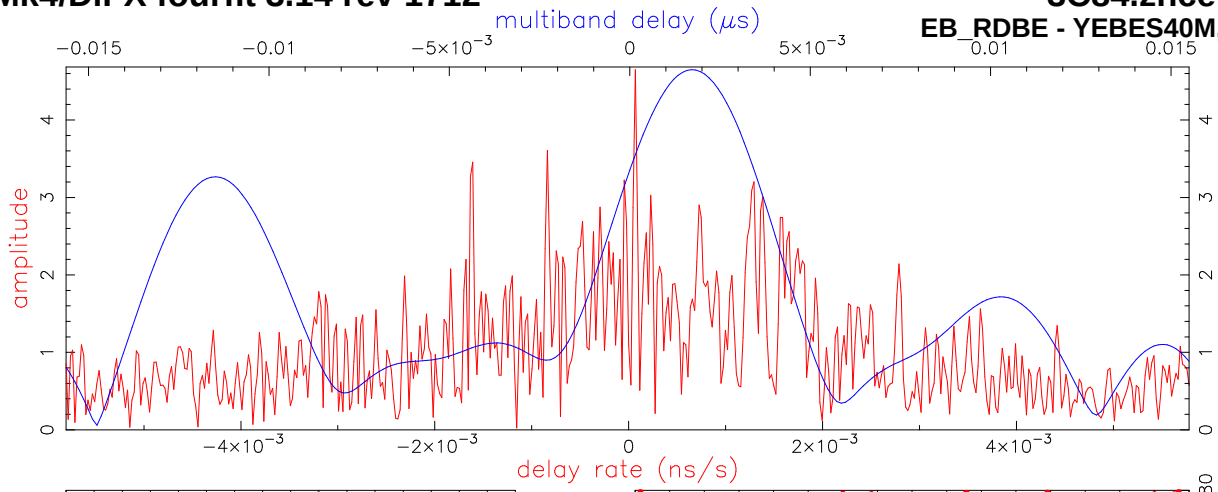
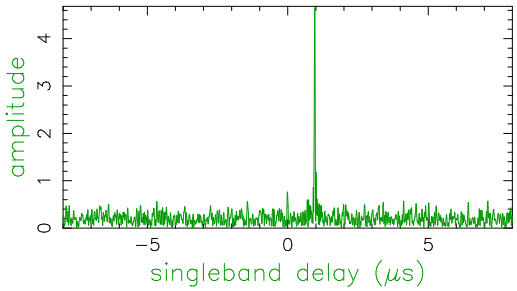
Mk4/DiFX fourfit 3.14 rev 1712

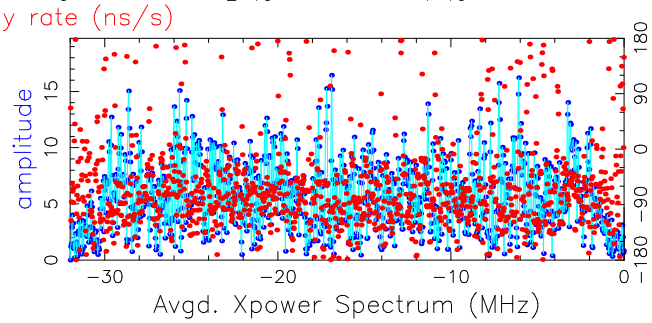
3C84.zncefj, No0108, EY

EB_RDBE - YEBES40M, fgroup W, pol LL



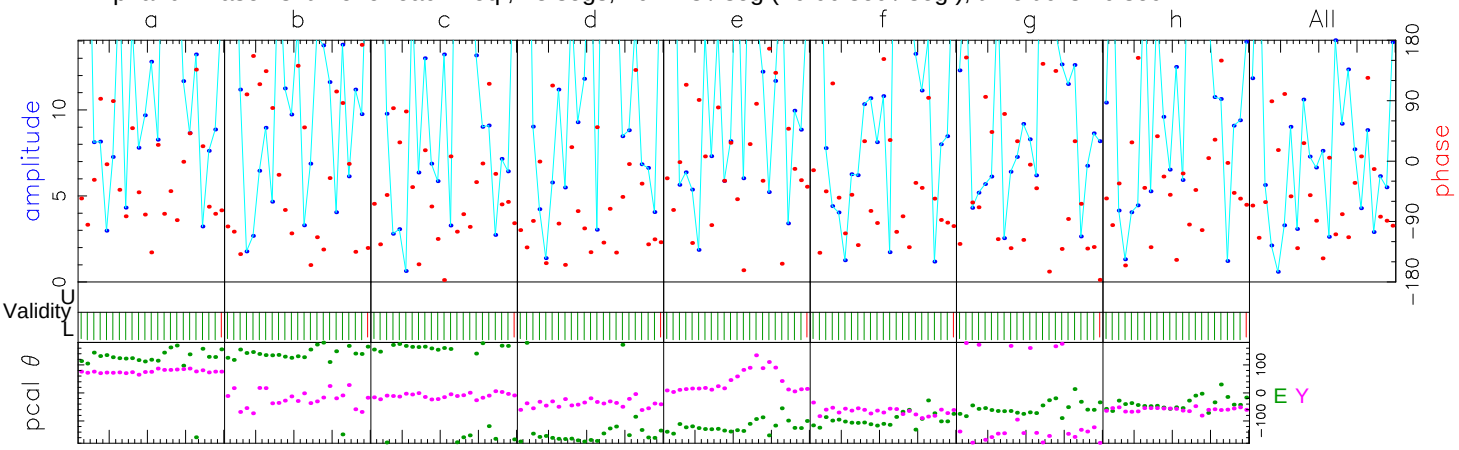
Fringe quality 2
Error code H
SNR 136.9
Int time 228.558
Amp 4.684
Phase -82.9
PFD 0.0e+00
Delays (us)
SBD 0.958658
MBD 0.001717
Fringe rate (Hz)
0.006168
Ion TEC 0.000
Ref freq (MHz)
86156.0000
AP (sec) 1.000





Exp. c171b
Exper # 16383
Yr:day 2017:090
Start 093011.00
Stop 093400.00
FRT 093340.00
Corr/FF/build
2017:149:071140
2017:149:071316
2017:146:101844
RA & Dec (J2000)
03h19m48.1601s
+41°30'42.104"

Amp. and Phase vs. time for each freq., 23 segs, 10 APs / seg (10.00 sec / seg.), time ticks 10 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
	-57.0	-123.6	-79.5	-108.4	-20.4	-87.5	-153.6	-55.7	Phase	-82.9
	6.5	4.2	6.9	7.5	4.2	6.0	3.4	5.9	Ampl.	5.6
	1147.6	1147.7	1147.5	1147.7	1147.5	1148.1	1147.8	1147.4	Sbd box	1147.7
U/L	0/229	0/229	0/229	0/229	0/229	0/229	0/229	0/229	APs used	
E	969.8	967.1	966.9	965.9	967.1	965.7	967.0	968.0	PC L delays (ns)	
Y	559.0	519.9	515.4	458.5	492.9	614.6	562.7	551.8	PC L delays (ns)	
E:Y	133:76	144:-22	173:-10	-155:-38	-121:26	-97:-66	-55:-161	-38:-59	PC phase	
E:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
E	5	5	5	4	5	4	4	4	PC amp	
Y	0	0	0	0	0	0	0	0		
E	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
									Tracks	
Y	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
									Tracks	

Group delay (usec)(model)	3.14256707446E+03	Apriori delay (usec)	3.14256535746E+03	Resid mbdelay (usec)	1.71699E-03	+/-	1.6E-05
Sband delay (usec)	3.14352401496E+03	Apriori clock (usec)	2.3579962E+01	Resid sbdelay (usec)	9.58658E-01	+/-	1.3E-04
Phase delay (usec)	3.14256535479E+03	Apriori clockrate (us/s)	-1.7328554E-07	Resid phdelay (usec)	-2.67233E-06	+/-	2.7E-08
Delay rate (us/s)	-1.73602298978E-01	Apriori rate (us/s)	-1.73602370563E-01	Resid rate (us/s)	7.15853E-08	+/-	2.0E-10
Total phase (deg)	254.7	Apriori accel (us/s/s)	-7.43601165451E-06	Resid phase (deg)	-82.9	+/-	0.8

	RMS	Theor.	Amplitude	4.684 +/- 0.034
ph/seg (deg)	78.6	2.0	Search (512X32)	4.572
amp/seg (%)	120.2	3.5	Interp.	0.000
ph/frq (deg)	45.9	1.2	Inc. seg. avg.	7.661
amp/frq (%)	35.4	2.1	Inc. frq. avg.	5.609

Pcal mode: MULTITONE, MULTITONE PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: disabled
Sample rate(MSamp/s): 64
Data rate(Mb/s): 1024 nlags: 1024 t_cohere infinite

sb window (us)	-1.000	1.000
mb window (us)	-0.016	0.016
dr window (ns/s)	-0.006	0.006
ion window (TEC)	0.00	0.00

E: az 71.2 el 41.3 pa -53.5 Y: az 59.5 el 30.8 pa -61.6 u,v (fr/asec) 1316.167 280.251 simultaneous interpolator

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