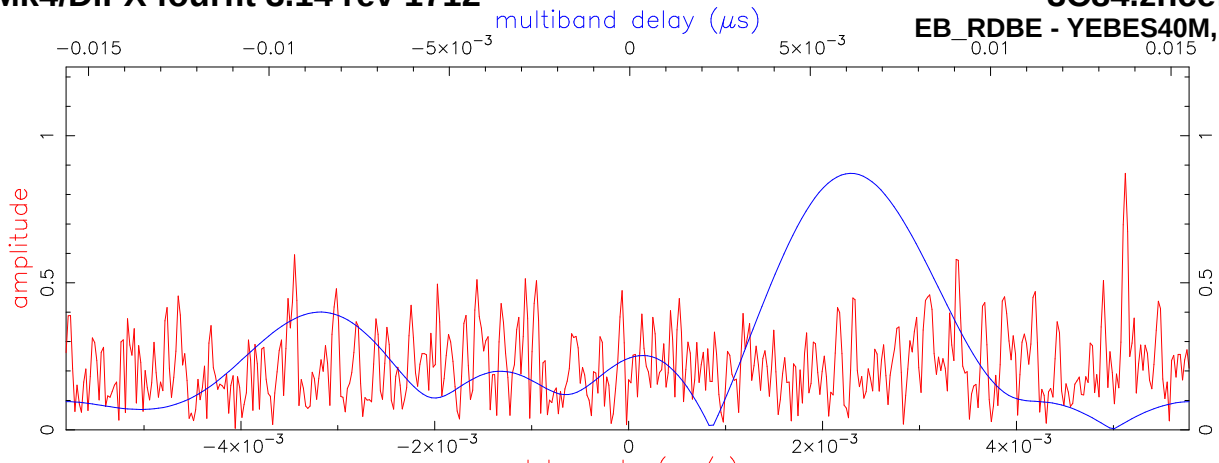
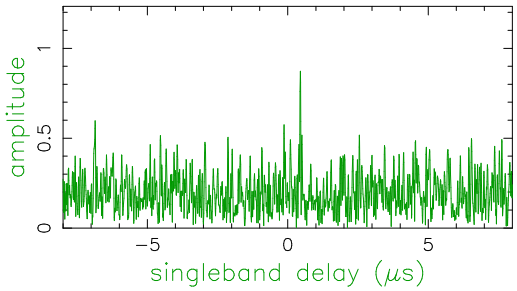
Mk4/DiFX fourfit 3.14 rev 1712

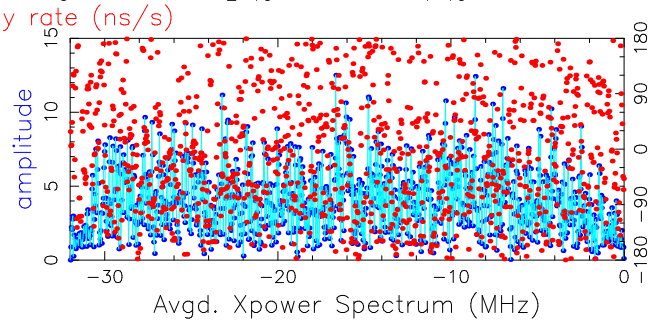
3C84.zncefj, No0108, EY

EB_RDBE - YEBES40M, fgroup W, pol RR



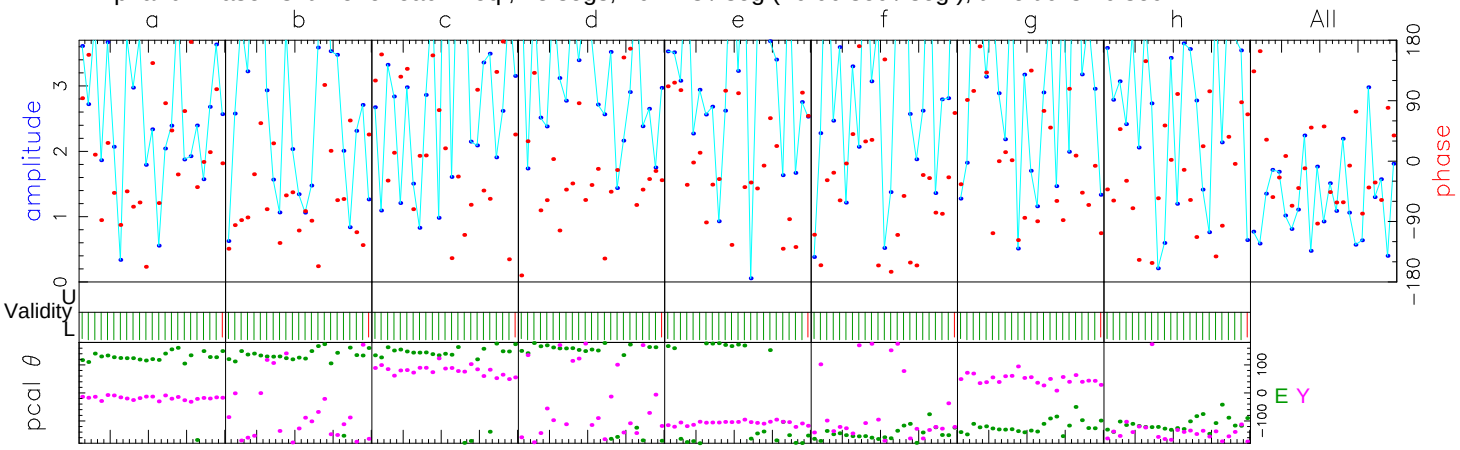
Fringe quality 6
Error code G
SNR 25.6
Int time 228.558
Amp 1.234
Phase -29.3
PFD 0.0e+00
Delays (us)
SBD 0.446559
MBD 0.006086
Fringe rate (Hz)
0.441755
Ion TEC 0.000
Ref freq (MHz)
86156.0000
AP (sec) 1.000





Exp. c171b
Exper # 16383
Yr:day 2017:090
Start 093011.00
Stop 093400.00
FRT 093340.00
Corr/FF/build
2017:149:071140
2017:149:071335
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
	3.2	-56.6	-24.6	-47.3	-3.2	-38.7	-7.8	-32.0	Phase	-29.3
	1.2	1.6	0.6	1.9	1.2	1.9	1.1	1.1	Ampl.	1.3
	570.9	978.6	162.6	1466.0	1010.6	1502.6	1051.9	1852.5	Sbd box	1082.2
U/L	0/229	0/229	0/229	0/229	0/229	0/229	0/229	0/229	APs used	
E	33.2	30.9	30.9	30.0	30.5	28.4	30.4	31.8	PC R delays (ns)	
Y	490.0	490.9	450.6	556.3	553.8	407.6	391.7	503.5	PC R delays (ns)	
E:Y	131:-18	139:-139	153:79	168:-140	-174:-108	-146:-140	-121:49	-112:-146	PC phase	
E:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
E	7	5	6	6	6	6	6	6	PC amp	
Y	0	0	0	0	0	0	0	0		
E	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
									Tracks	
Y	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
									Tracks	

Group delay (usec)(model)	3.14257144349E+03	Apriori delay (usec)	3.14256535746E+03	Resid mbdelay (usec)	6.08603E-03	+/-	8.5E-05
Sband delay (usec)	3.14301191646E+03	Apriori clock (usec)	2.3579962E+01	Resid sbdelay (usec)	4.46559E-01	+/-	6.7E-04
Phase delay (usec)	3.14256535652E+03	Apriori clockrate (us/s)	-1.7328554E-07	Resid phdelay (usec)	-9.45779E-07	+/-	1.4E-07
Delay rate (us/s)	-1.73597243175E-01	Apriori rate (us/s)	-1.73602370563E-01	Resid rate (us/s)	5.12739E-06	+/-	1.1E-09
Total phase (deg)	308.3	Apriori accel (us/s/s)	-7.43601165451E-06	Resid phase (deg)	-29.3	+/-	4.5

	RMS	Theor.	Amplitude	1.234 +/- 0.048
ph/seg (deg)	69.5	10.8	Search (512X32)	0.856
amp/seg (%)	86.6	18.8	Interp.	0.000
ph/frq (deg)	23.8	6.3	Inc. seg. avg.	1.783
amp/frq (%)	33.9	11.1	Inc. frq. avg.	1.309

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