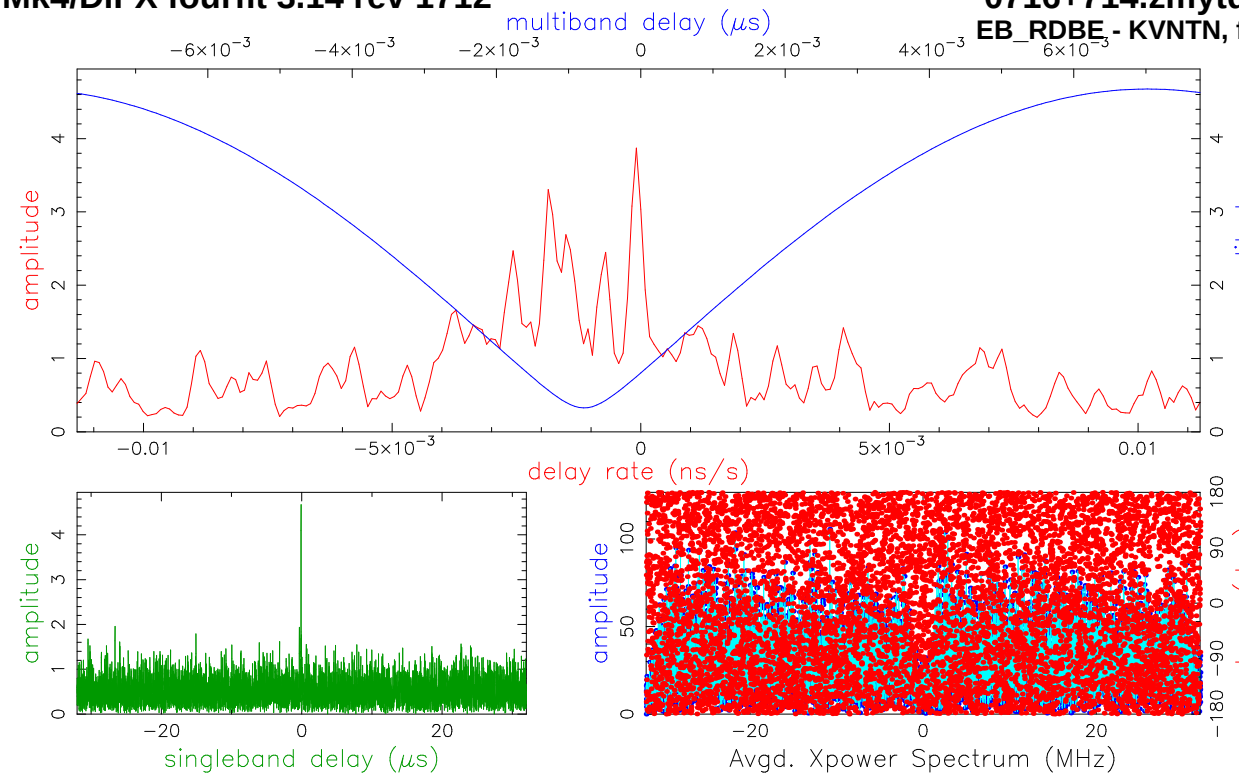
Mk4/DiFX fourfit 3.14 rev 1712

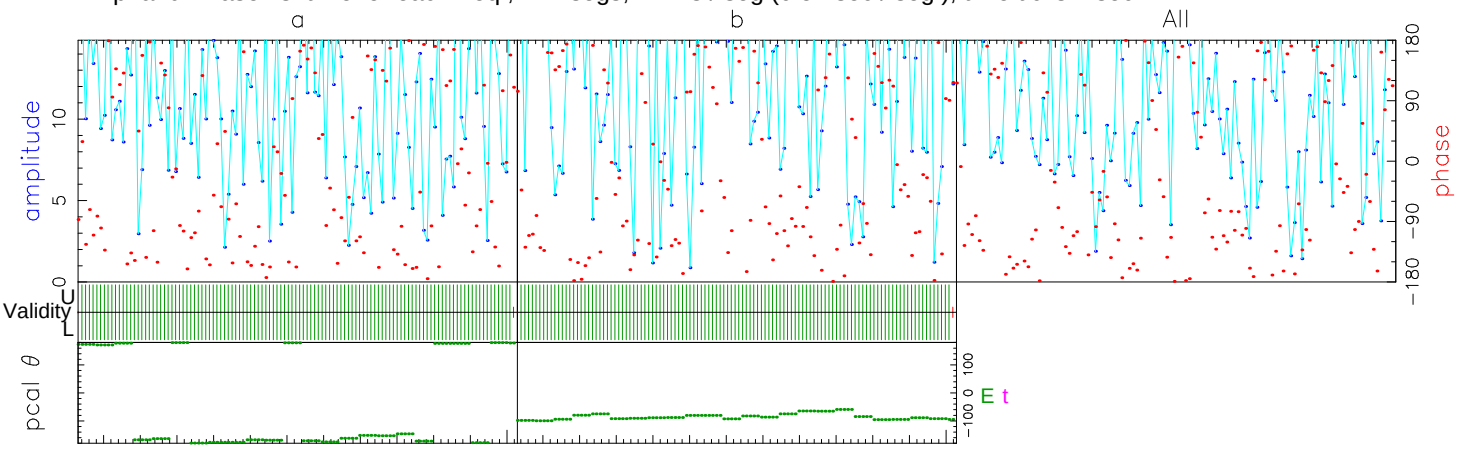
0716+714.zmytqf, No0615, Et

EB_RDBE - KVNTN, fgroup W, pol RR



Fringe quality	9
Error code	H
SNR	52.0
Int time	58.990
Amp	4.950
Phase	-140.9
PFD	0.0e+00
Delays (us)	
SBD	-0.096530
MBD	-0.008544
Fringe rate (Hz)	
	-0.004373
Ion TEC	0.000
Ref freq (MHz)	
	86156.0000
AP (sec)	0.512
Exp.	c171c
Exper #	16383
Yr:day	2017:091
Start	034501.51
Stop	034601.42
FRT	034831.00
Corr/FF/build	
	2017:146:123953
	2017:146:124033
	2017:146:101844
RA & Dec (J2000)	
	07h21m53.4485s
	+71°20'36.363"

Amp. and Phase vs. time for each freq., 117 segs, 1 APs / seg (0.51 sec / seg.), time ticks 1 sec



	a	b		All
	86156.00	86220.00	Freq (MHz)	
	-140.2	-141.5	Phase	-140.9
	4.4	5.0	Ampl.	4.7
	4084.6	4084.7	Sbd box	4084.6
U/L	117/117	117/117	APs used	
E	768.9	769.4	PC R delays (ns)	
t	-inf	-inf	PC R delays (ns)	
E:t	-173:0	-85:0	PC phase	
E:t	0:0	0:0	Manl PC	
E	6	6	PC amp	
t	0	0		
E	W00UR,W00LR	W01UR,W01LR	Chan ids	
			Tracks	
t	W00UR,W00LR	W01UR,W01LR	Chan ids	
			Tracks	

Group delay (usec)(model)	1.81030814429E+03	Apriori delay (usec)	1.81031668792E+03	Resid mbdelay (usec)	-8.54362E-03	+/-	9.6E-05
Sband delay (usec)	1.81022015742E+03	Apriori clock (usec)	2.1876997E+01	Resid sbdelay (usec)	-9.65305E-02	+/-	1.7E-04
Phase delay (usec)	1.81031668337E+03	Apriori clockrate (us/s)	9.1159393E-07	Resid phdelay (usec)	-4.54210E-06	+/-	3.6E-08
Delay rate (us/s)	-6.03897767246E-01	Apriori rate (us/s)	-6.03897716495E-01	Resid rate (us/s)	-5.07516E-08	+/-	2.1E-09
Total phase (deg)	62.2	Apriori accel (us/s/s)	1.43389771327E-05	Resid phase (deg)	-140.9	+/-	1.1

	RMS	Theor.					
			Amplitude	4.950 +/- 0.095	Pcal mode: MULTITONE, MULTITONE PC period (AP's) 5, 5		
ph/seg (deg)	71.3	11.9	Search (256X8)	3.637	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-32.000 32.000
amp/seg (%)	154.0	20.8	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: disabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	1.6	Inc. seg. avg.	10.752	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	8.6	2.7	Inc. frq. avg.	4.674	Data rate(Mb/s): 512 nlags: 4096 t_cohere (s) 60.0	ion window (TEC)	0.00 0.00

E: az 346.0 el 34.9 pa 29.0 t: az 21.1 el 28.6 pa -70.6 u,v (fr/asec) 10845.069 3813.679 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c171c/FF2/1111/No0615/Et..zmytqf Output file: Suppressed by test mode