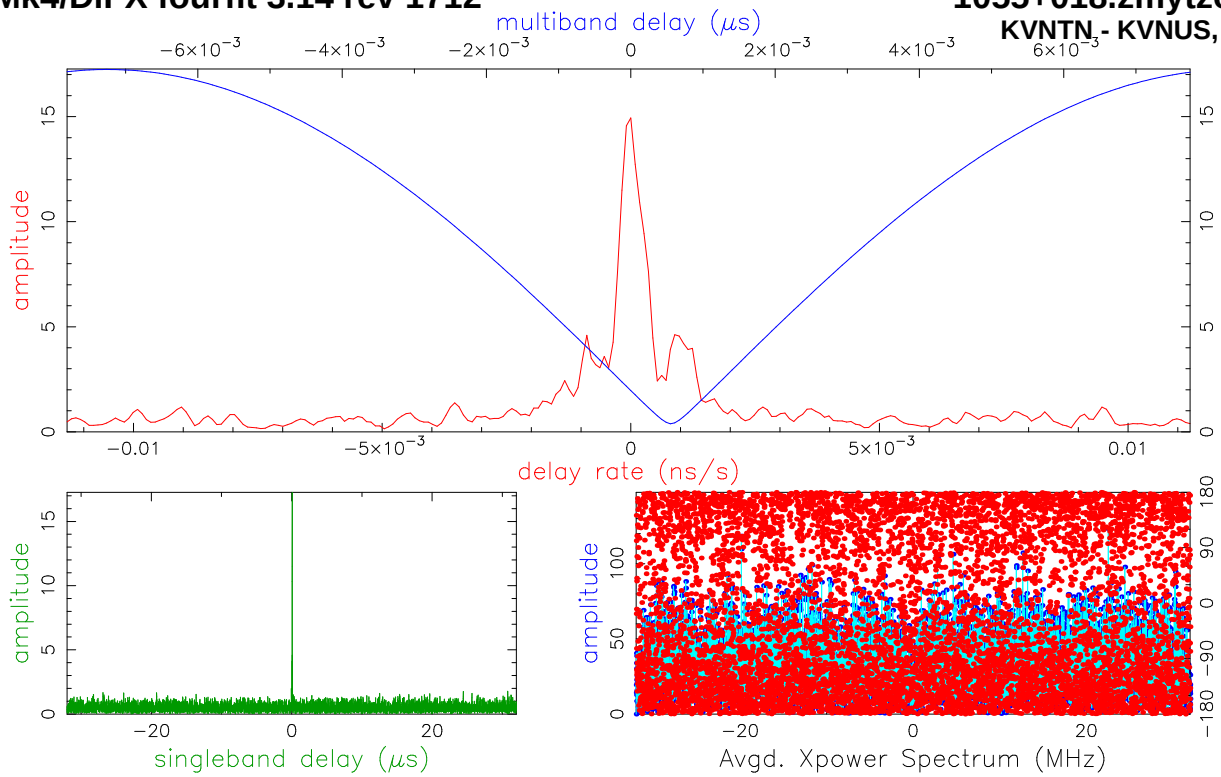
Mk4/DiFX fourfit 3.14 rev 1712

1055+018.zmytzo, No1246, tu

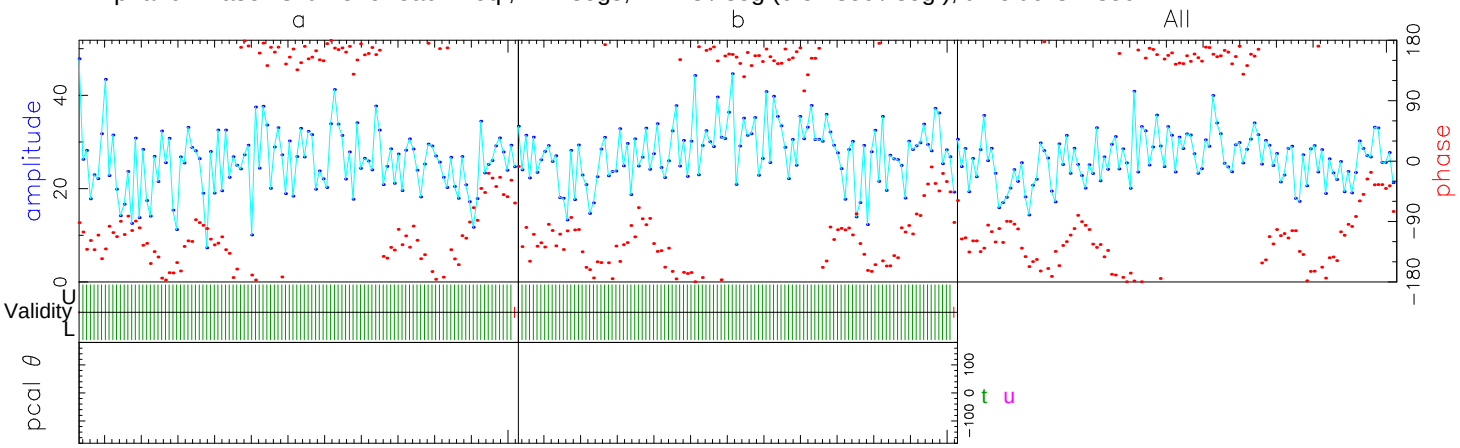
KVNTN - KVNUS, fgroup W, pol RR



Fringe quality 5
Error code H
SNR 181.4
Int time 58.994
Amp 17.269
Phase -150.8
PFD 0.0e+00
Delays (us)
SBD 0.070785
MBD -0.007252
Fringe rate (Hz)
0.000513
Ion TEC 0.000
Ref freq (MHz)
86156.0000
AP (sec) 0.512

Exp. c171c
Exper # 16383
Yr:day 2017:092
Start 090001.51
Stop 090101.42
FRT 090331.00
Corr/FF/build
2017:146:125612
2017:146:125639
2017:146:101844
RA & Dec (J2000)
10h58m29.6052s
+1°33'58.824"

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



	86156.00	86220.00	Freq (MHz)	All
	-150.7	-150.8	Phase	-150.8
	16.9	17.6	Ampl.	17.2
	4106.1	4106.0	Sbd box	4106.1
U/L	117/117	117/117	APs used	
t	-inf	-inf	PC R delays (ns)	
u	-inf	-inf	PC R delays (ns)	
t:u	0:0	0:0	PC phase	
t:u	0:0	0:0	Manl PC	
t	0	0	PC amp	
u	0	0		
t	W00UR,W00LR	W01UR,W01LR	Chan ids	
			Tracks	
u	W00UR,W00LR	W01UR,W01LR	Chan ids	
			Tracks	

Group delay (usec)(model)	-6.64321130588E+02	Apriori delay (usec)	-6.64313878963E+02	Resid mbdelay (usec)	-7.25162E-03	+/-	2.7E-05
Sband delay (usec)	-6.64243094463E+02	Apriori clock (usec)	-1.9770310E+00	Resid sbdelay (usec)	7.07845E-02	+/-	4.7E-05
Phase delay (usec)	-6.64313883823E+02	Apriori clockrate (us/s)	-6.4644698E-07	Resid phdelay (usec)	-4.86061E-06	+/-	1.0E-08
Delay rate (us/s)	5.35267943916E-02	Apriori rate (us/s)	5.35267884351E-02	Resid rate (us/s)	5.95645E-09	+/-	5.9E-10
Total phase (deg)	-350.9	Apriori accel (us/s/s)	3.42728351434E-06	Resid phase (deg)	-150.8	+/-	0.3

	RMS	Theor.	Amplitude	17.269 +/- 0.095	Pcal mode: MULTITONE, MULTITONE PC period (AP's) 5, 5			
ph/seg (deg)	51.0	3.4	Search (256X8)	14.947	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-32.000	32.000
amp/seg (%)	59.5	6.0	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: disabled	mb window (us)	-0.008	0.008
ph/frq (deg)	0.0	0.4	Inc. seg. avg.	26.227	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011	0.011
amp/frq (%)	2.2	0.8	Inc. frq. avg.	17.246	Data rate(Mb/s): 512 nlags: 4096 t_cohere (s) 60.0	ion window (TEC)	0.00	0.00

t: az 98.6 el 15.4 pa -55.8 u: az 100.9 el 17.3 pa -52.9 u,v (fr/asec) -302.436 -280.478 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c171c/FF2/1111/No1246/tu..zmytzo Output file: Suppressed by test mode