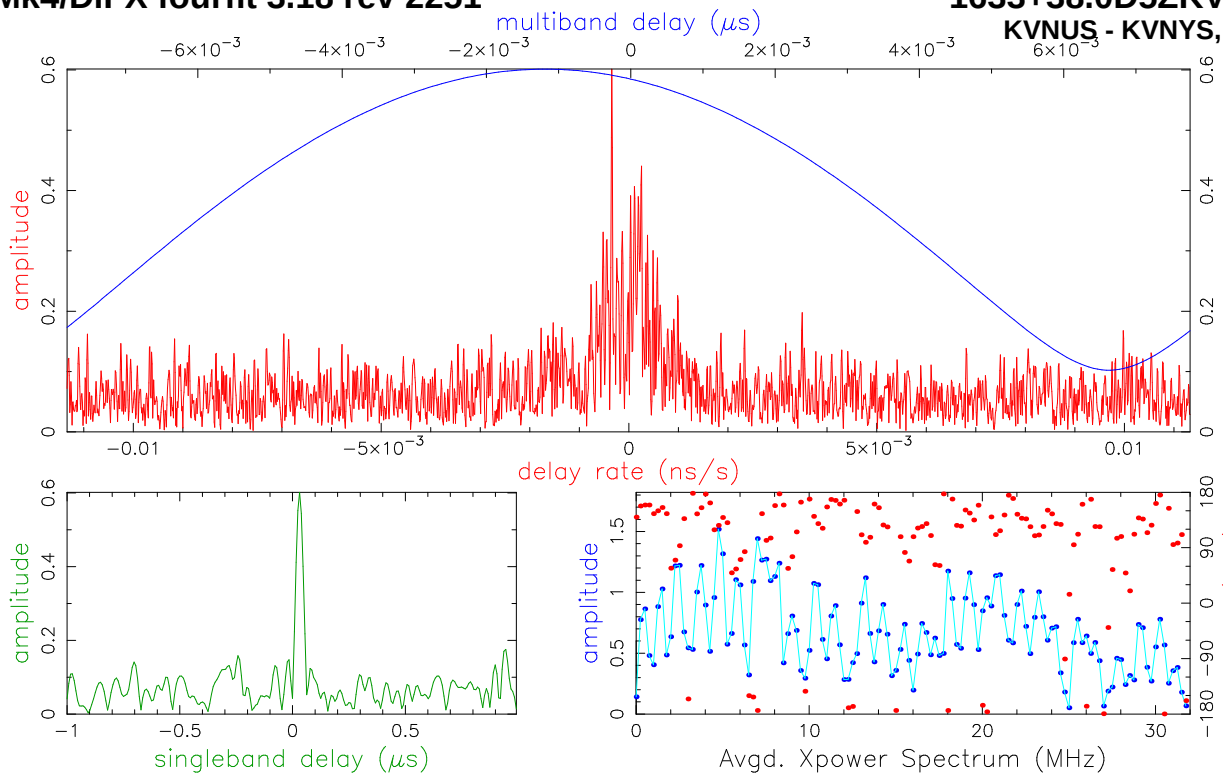
Mk4/DiFX fourfit 3.18 rev 2251

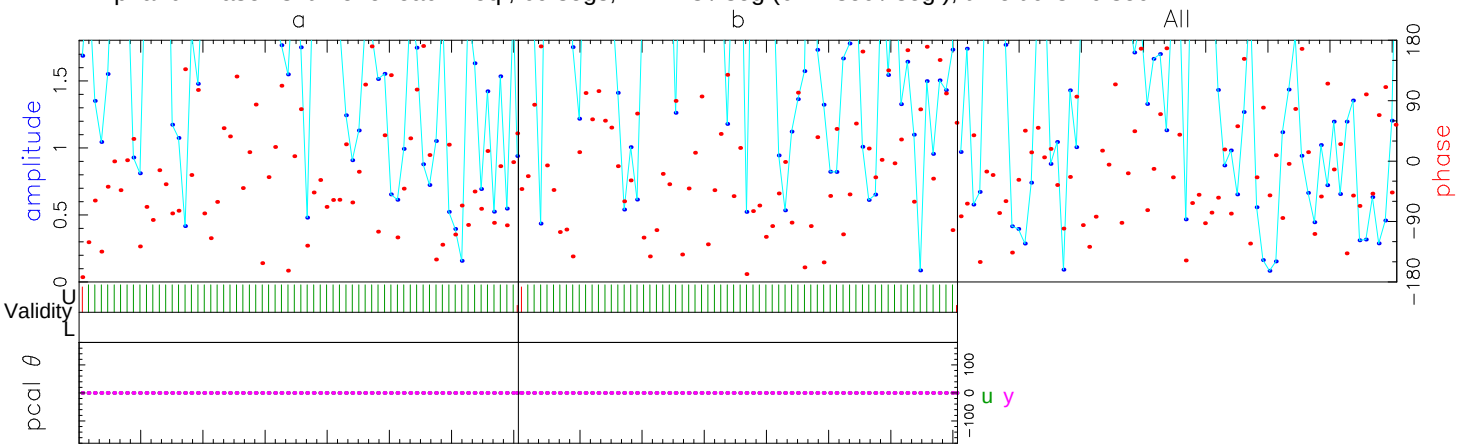
1633+38.0D5ZKV, No0134, uy

KVNUS - KVNYS, fgroup W, pol LR



Fringe quality	9
SNR	11.9
Int time	418.825
Amp	0.602
Phase	-218.7
PFD	7.5e-25
Delays (us)	
SBD	0.030938
MBD	-0.001196
Fringe rate (Hz)	-0.029132
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	c181a
Exper #	16383
Yr:day	2018:103
Start	144500.51
Stop	145159.84
FRT	144830.00
Corr/FF/build	2018:303:183803 2018:313:210531 2018:249:082454
RA & Dec (J2000)	16h35m15.4930s +38°08' 4.501"

Amp. and Phase vs. time for each freq., 69 segs, 12 APs / seg (6.14 sec / seg.), time ticks 10 sec



	a	b	All
Freq (MHz)	86156.00	86220.00	All
Phase	-38.8	-38.6	-38.7
Ampl.	0.7	0.5	0.6
Sbd box	132.8	133.3	133.0
U/L	819/0	819/0	
APs used			
u	0	0	
PC freqs			
y	0	0	
PC freqs			
u:y	0:0	0:0	
PC phase			
u:y	0:0	0:0	
Manl PC			
u	1000	1000	
PC amp			
y	1000	1000	
u	W00UL	W01UL	
Chan ids			
Tracks			
y	W00UR	W01UR	
Chan ids			
Tracks			

Group delay (usec)(sbd)	2.57691278432E+02	Apriori delay (usec)	2.57661224367E+02	Resid mbdelay (usec)	-1.19594E-03	+/-	4.2E-04
Sband delay (usec)	2.57692162367E+02	Apriori clock (usec)	-1.7710125E+01	Resid sbdelay (usec)	3.09380E-02	+/-	1.4E-03
Phase delay (usec)	2.57661223119E+02	Apriori clockrate (us/s)	-2.1999999E-07	Resid phdelay (usec)	-1.24839E-06	+/-	3.1E-07
Delay rate (us/s)	-1.03804235468E-04	Apriori rate (us/s)	-1.03466038791E-04	Resid rate (us/s)	-3.38197E-07	+/-	1.3E-09
Total phase (deg)	93.4	Apriori accel (us/s/s)	-3.43404979755E-06	Resid phase (deg)	-218.7	+/-	9.6

	RMS	Theor.	Amplitude	0.602 +/- 0.051
ph/seg (deg)	78.6	40.0	Search (2048X8)	0.568
amp/seg (%)	182.4	69.8	Interp.	0.000
ph/frq (deg)	0.0	6.8	Inc. seg. avg.	1.081
amp/frq (%)	17.0	11.9	Inc. frq. avg.	0.597

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Sample rate(MSamp/s): 64
Data rate(Mb/s): 256 nlags: 128 t_cohere infinite

sb window (us)	-1.000	1.000
mb window (us)	-0.008	0.008
dr window (ns/s)	-0.011	0.011
ion window (TEC)	0.00	0.00

u: az 69.0 el 45.0 pa -75.4 y: az 70.2 el 44.0 pa -71.8 u,v (fr/asec) -6.806 -408.715 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_C181A/1234/No0134/uy..0D5ZKV Output file: /Exps/c181a/v2_C181A/1234/No0134/uy.W.25.0D5ZKV