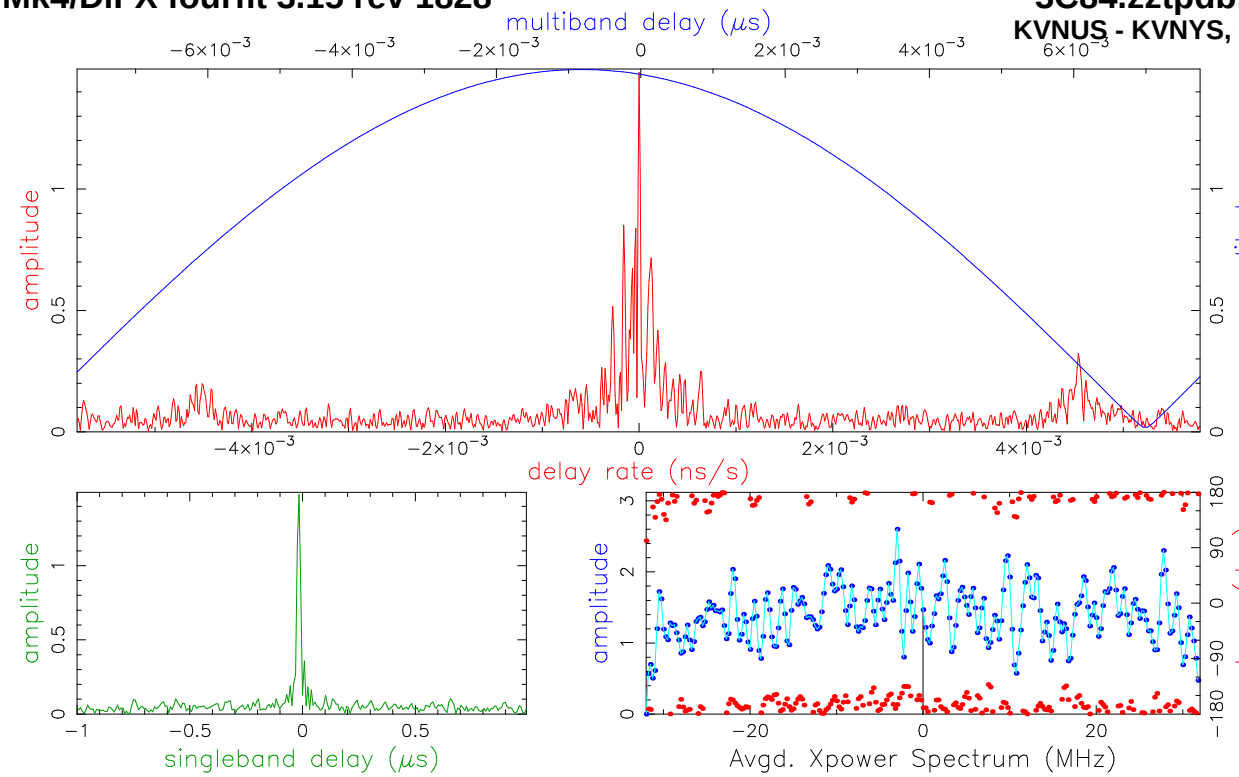
Mk4/DiFX fourfit 3.15 rev 1828

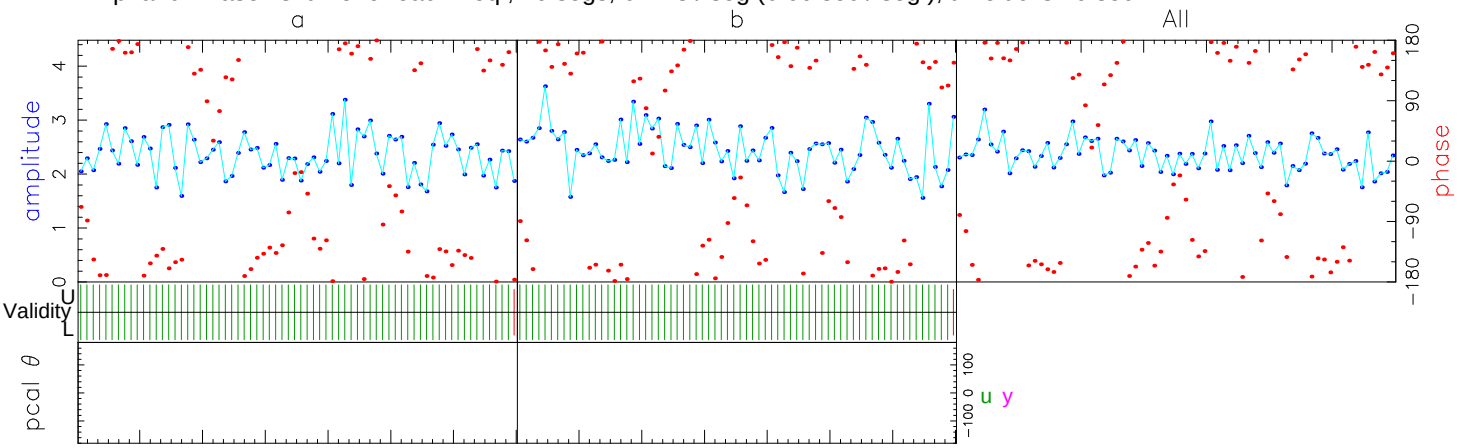
3C84.zztpdb, No0001, uy

KVNUS - KVNYS, fgroup W, pol LR



Fringe quality	9
SNR	41.8
Int time	418.979
Amp	1.494
Phase	-82.8
PFD	0.0e+00
Delays (us)	
SBD	-0.016871
MBD	-0.000190
Fringe rate (Hz)	
	0.000425
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	1.000
Exp.	c172a
Exper #	16383
Yr:day	2017:271
Start	193001.00
Stop	193700.00
FRT	193330.00
Corr/FF/build	
	2018:051:090218
	2018:052:094809
	2017:188:152524
RA & Dec (J2000)	
	03h19m48.1601s
	+41°30'42.104"

Amp. and Phase vs. time for each freq., 70 segs, 6 APs / seg (6.00 sec / seg.), time ticks 10 sec



	86156.00	86220.00	Freq (MHz) All
	-165.4	-179.9	Phase -172.8
	1.5	1.5	Ampl. 1.5
	127.3	126.6	Sbd box 126.8
U/L	419/419	419/419	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,W00LL	W01UL,W01LL	Chan ids
			Tracks
y	W00UR,W00LR	W01UR,W01LR	Chan ids
			Tracks

Group delay (usec)(sbd)	-2.47615550564E+02	Apriori delay (usec)	-2.47599735189E+02	Resid mbdelay (usec)	-1.90375E-04	+/-	1.2E-04
Sband delay (usec)	-2.47616605689E+02	Apriori clock (usec)	3.6140299E+00	Resid sbdelay (usec)	-1.68705E-02	+/-	2.1E-04
Phase delay (usec)	-2.47599740760E+02	Apriori clockrate (us/s)	1.3900000E-07	Resid phdelay (usec)	-5.57098E-06	+/-	4.4E-08
Delay rate (us/s)	-4.34619396933E-02	Apriori rate (us/s)	-4.34619446272E-02	Resid rate (us/s)	4.93383E-09	+/-	3.7E-10
Total phase (deg)	-150.9	Apriori accel (us/s/s)	-7.82678335607E-07	Resid phase (deg)	-82.8	+/-	1.4

	RMS	Theor.					
			Amplitude	1.494 +/- 0.036	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	58.2	11.5	Search (1024X8)	1.379	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	61.5	20.0	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	1.9	Inc. seg. avg.	2.322	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.006 0.006
amp/frq (%)	1.1	3.4	Inc. frq. avg.	1.491	Data rate(Mb/s): 512 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

u: az 297.7 el 73.8 pa 104.3 y: az 292.4 el 76.4 pa 100.2 u,v (fr/asec) 331.843 -244.846 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0001/uy..zztpdb Output file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0001/uy.W.19.zztpdb