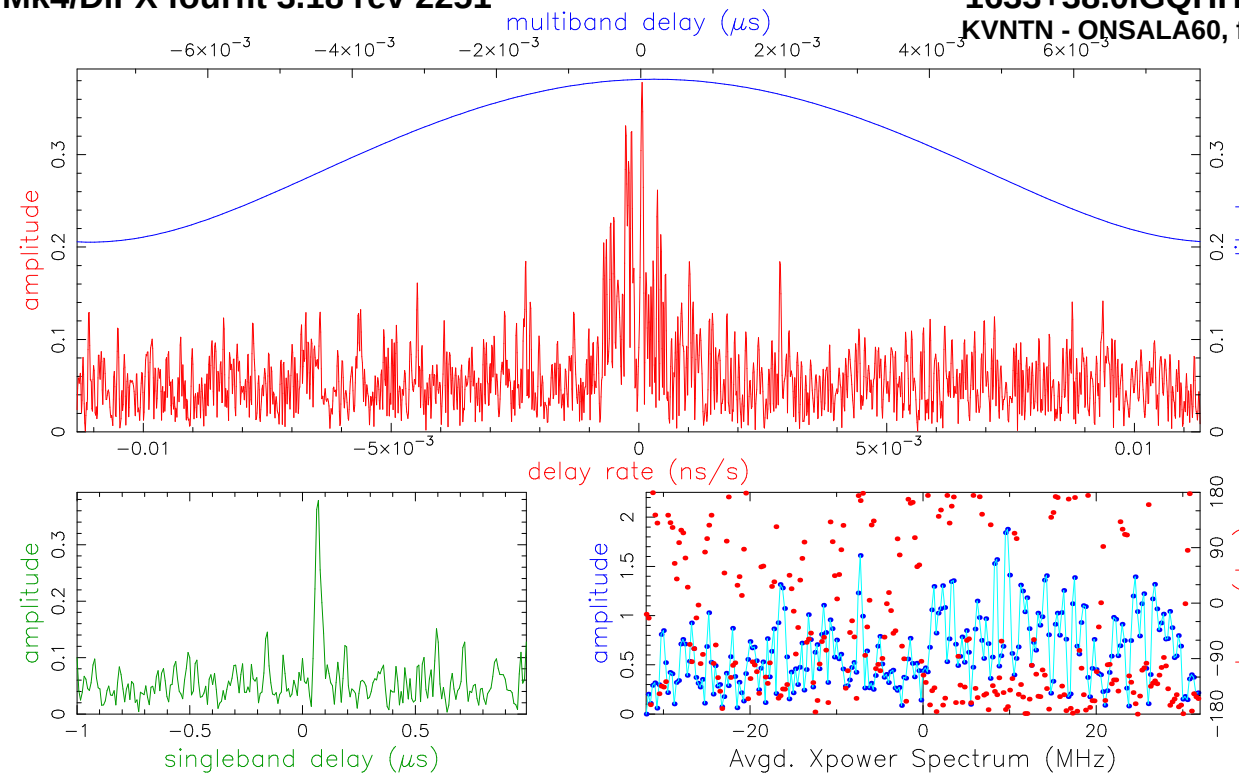
Mk4/DiFX fourfit 3.18 rev 2251

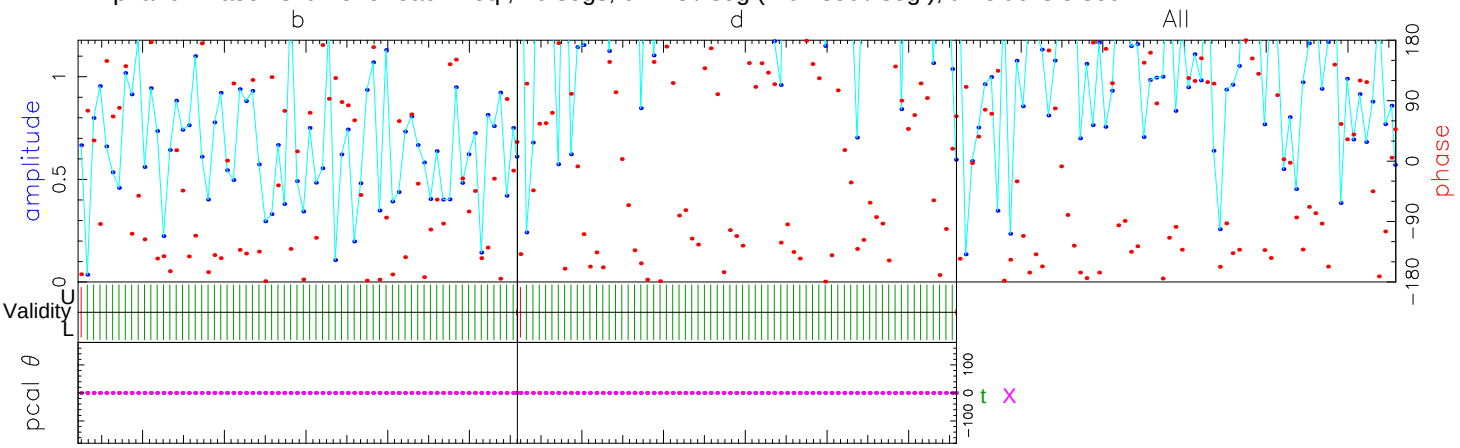
1633+38.0IGQHH, No0023, tX

KVNTN - ONSALA60, fgroup W, pol RR



Fringe quality	8
SNR	9.6
Int time	317.985
Amp	0.393
Phase	-161.6
PFD	5.1e-14
Delays (us)	
SBD	0.067125
MBD	0.000965
Fringe rate (Hz)	
	0.005986
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182c
Exper #	16383
Yr:day	2018:273
Start	120212.59
Stop	120731.05
FRT	120346.00
Corr/FF/build	
	2019:050:000325
	2019:051:154453
	2018:249:082454
RA & Dec (J2000)	
	16h35m15.4930s
	+38°08' 4.501"

Amp. and Phase vs. time for each freq., 70 segs, 9 APs / seg (4.61 sec / seg.), time ticks 5 sec



	86156.00	86220.00	Freq (MHz)	All
	-147.7	-165.8	Phase	-161.6
	0.2	0.6	Ampl.	0.4
	108.2	137.3	Sbd box	137.6
U/L	622/622	622/622	APs used	
t	0	0	PC freqs	
X	1000	1000	PC freqs	
t:X	0:0	0:0	PC phase	
t:X	0:0	0:0	Manl PC	
t	1000	1000	PC amp	
X	1000	1000		
t	W01UR,W01LR	W03UR,W03LR	Chan ids	
			Tracks	
X	W01UR,W01LR	W03UR,W03LR	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-4.69345550955E+03	Apriori delay (usec)	-4.69351897487E+03	Resid mbdelay (usec)	9.65313E-04	+/-	5.2E-04
Sband delay (usec)	-4.69345185037E+03	Apriori clock (usec)	-5.3009262E+00	Resid sbdelay (usec)	6.71245E-02	+/-	9.0E-04
Phase delay (usec)	-4.69351898008E+03	Apriori clockrate (us/s)	-1.0559999E-07	Resid phdelay (usec)	-5.21272E-06	+/-	1.9E-07
Delay rate (us/s)	-1.42620543626E+00	Apriori rate (us/s)	-1.42620550576E+00	Resid rate (us/s)	6.94918E-08	+/-	2.1E-09
Total phase (deg)	-339.9	Apriori accel (us/s/s)	4.47459644427E-06	Resid phase (deg)	-161.6	+/-	6.0

	RMS	Theor.					
			Amplitude	0.393 +/- 0.041	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	82.9	50.1	Search (2048X8)	0.379	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	183.4	87.4	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	8.5	Inc. seg. avg.	0.735	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	52.4	14.8	Inc. frq. avg.	0.378	Data rate(Mb/s): 512 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

t: az 295.5 el 36.8 pa 73.5 X: az 100.9 el 53.5 pa -42.1 u,v (fr/asec) 10382.020 -1901.031 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182c/v1/1234/No0023/tX..0IGQHH Output file: /Exps/c182c/v1/1234/No0023/tX.W.9.0IGQHH