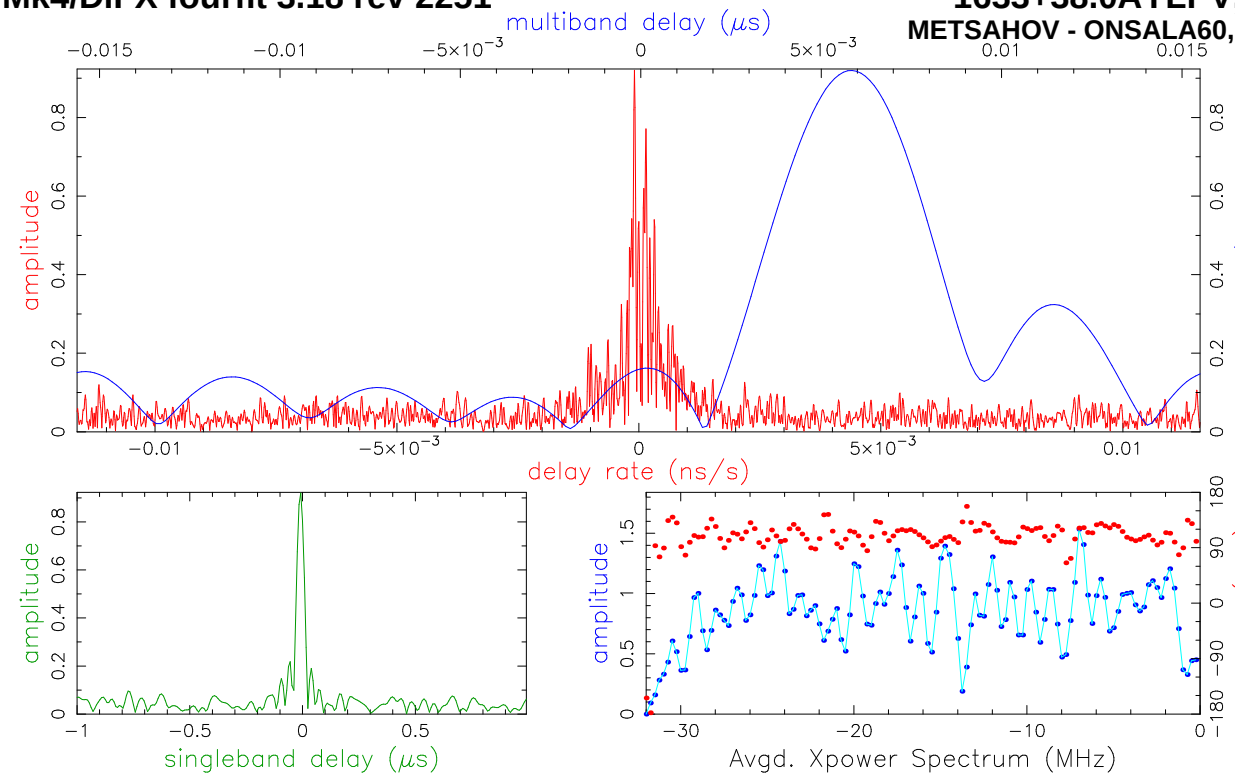
Mk4/DiFX fourfit 3.18 rev 2251

1633+38.0AYLPV, No0008, ZX

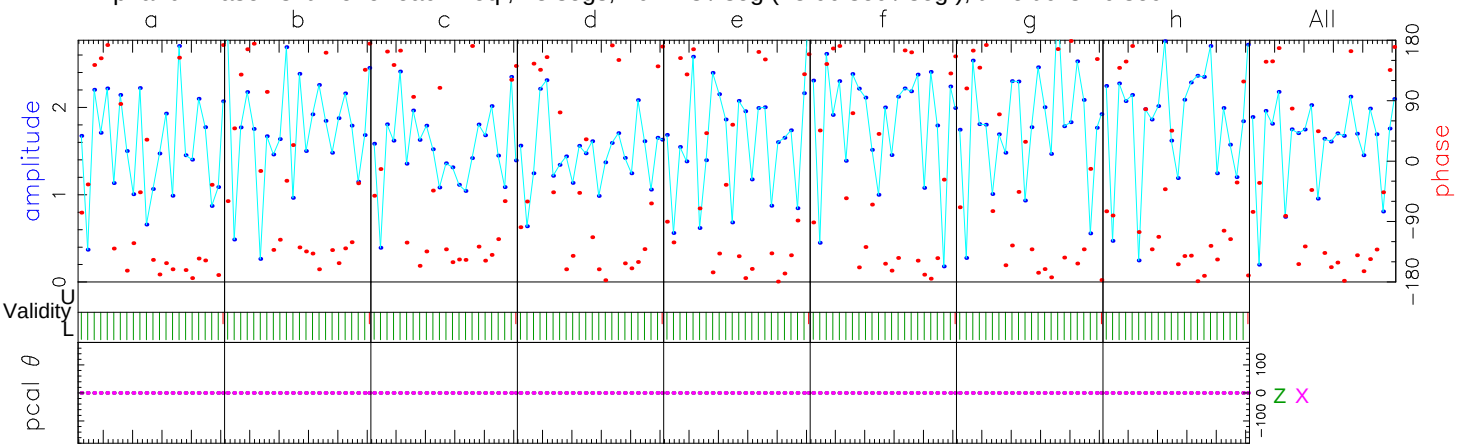
METSAHOV - ONSALA60, fgroup W, pol LL



Fringe quality 7

SNR	30.5
Int time	291.290
Amp	0.923
Phase	-161.8
PFD	0.0e+00
Delays (us)	
SBD	-0.009447
MBD	0.005828
Fringe rate (Hz)	
	-0.008044
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.500
Exp.	f182a
Exper #	16383
Yr:day	2018:270
Start	134508.50
Stop	135000.00
FRT	134730.00
Corr/FF/build	
	2018:270:174629
	2018:270:175122
	2018:249:082454
RA & Dec (J2000)	
	16h35m15.4930s
	+38°08' 4.501"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.00 sec / seg.), time ticks 10 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
	-166.0	-145.8	-160.2	-166.3	-172.0	-171.1	-162.2	-147.4	Phase	-161.8
	0.9	0.9	0.9	0.7	1.0	1.1	1.1	0.9	Ampl.	0.9
	128.4	127.7	127.6	127.2	128.0	127.8	127.7	127.8	Sbd box	127.8
U/L	0/583	0/583	0/583	0/583	0/583	0/583	0/583	0/583	APs used	
Z	0	0	0	0	0	0	0	0	PC freqs	
X	0	0	0	0	0	0	0	0	PC freqs	
Z:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
Z:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
X	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
									Tracks	
X	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids	
									Tracks	

Group delay (usec)(sbd)	2.20479324921E+02	Apriori delay (usec)	2.20473496669E+02	Resid mbdelay (usec)	5.82825E-03	+/-	7.1E-05
Sband delay (usec)	2.20464049669E+02	Apriori clock (usec)	-1.7792004E+01	Resid sbdelay (usec)	-9.44700E-03	+/-	5.7E-04
Phase delay (usec)	2.20473491452E+02	Apriori clockrate (us/s)	-4.6600001E-07	Resid phdelay (usec)	-5.21682E-06	+/-	1.2E-07
Delay rate (us/s)	-1.46634296439E-01	Apriori rate (us/s)	-1.46634203060E-01	Resid rate (us/s)	-9.33792E-08	+/-	7.2E-10
Total phase (deg)	-160.7	Apriori accel (us/s/s)	5.14997162709E-07	Resid phase (deg)	-161.8	+/-	3.8

	RMS	Theor.		
			Amplitude	0.923 +/- 0.030
ph/seg (deg)	70.5	9.0	Search (2048X32)	0.912
amp/seg (%)	90.3	15.7	Interp.	0.000
ph/frq (deg)	10.8	5.3	Inc. seg. avg.	1.586
amp/frq (%)	12.5	9.3	Inc. frq. avg.	0.928

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): 1024 nlags: 128 t_cohere infinite

sb window (us)	-1.000	1.000
mb window (us)	-0.016	0.016
dr window (ns/s)	-0.012	0.012
ion window (TEC)	0.00	0.00

Z: az 155.1 el 66.6 pa -14.8 X: az 129.3 el 64.8 pa -31.5 u,v (fr/asec) 1068.321 197.785 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f182a/FRINGE/1234/No0008/ZX..0AYLPV Output file: /Exps/f182a/FRINGE/1234/No0008/ZX.W.29.0AYLPV