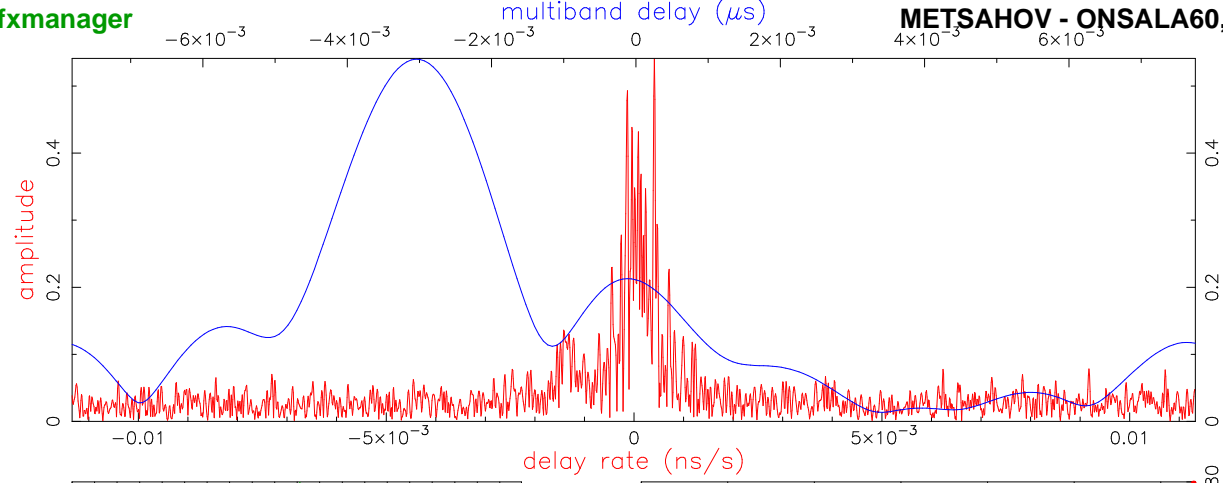


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, ZX

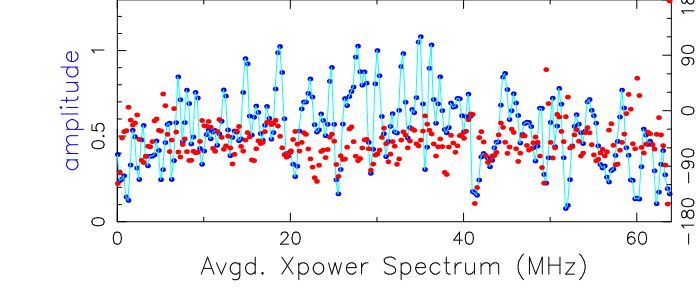
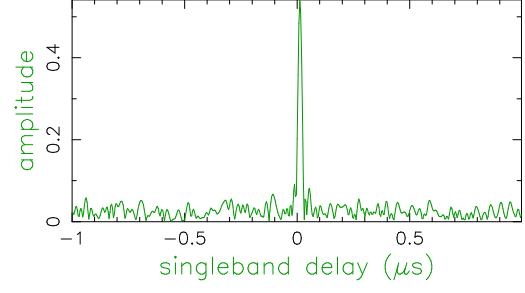
METSAHOV - ONSALA60, fgroup W, pol LR



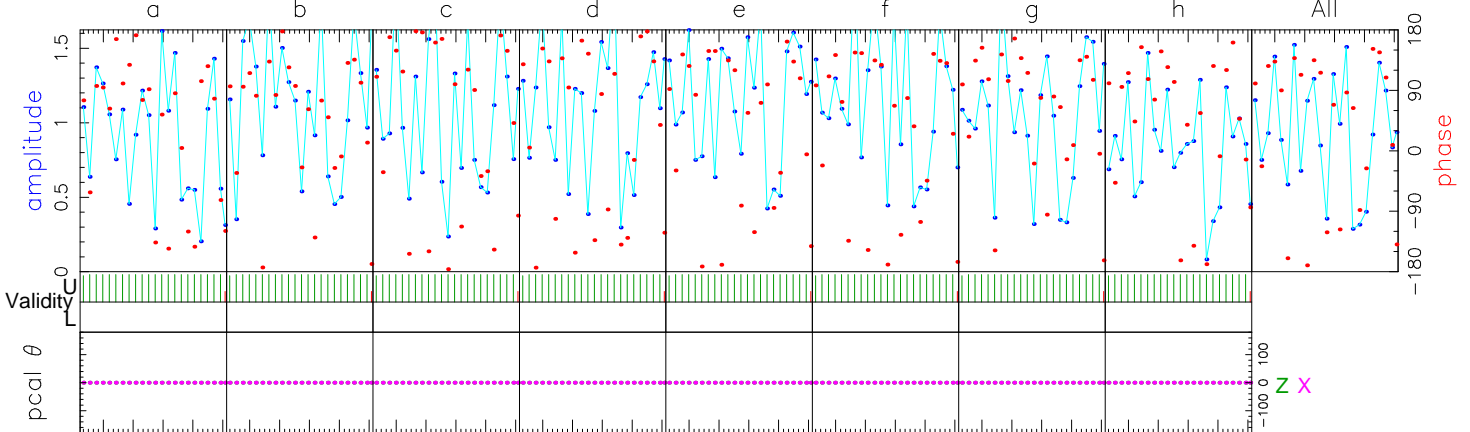
Fringe quality 6

SNR 25.0
 Int time 285.838
 Amp 0.541
 Phase 124.1
 PFD 0.0e+00
 Delays (us)
 SBD 0.012306
 MBD -0.003025
 Fringe rate (Hz) 0.034971
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512

Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121513.31
 Stop 122000.03
 FRT 121730.00
 Corr/FF/build
 2021:112:143544
 2021:112:144110
 2021:057:122453
 RA & Dec (J2000)
 04h23m15.800724s
 --1°20'33.065613"



Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 sec / seg.), time ticks 10 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	98.2	105.7	157.9	156.4	127.2	124.3	117.1	100.8	Phase	124.1
	0.5	0.7	0.6	0.6	0.5	0.6	0.6	0.4	Ampl.	0.6
	259.9	260.2	259.9	259.9	260.1	260.7	260.5	259.3	Sbd box	260.2
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0	APs used	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X	1000	1000	1000	1000	1000	1000	1000	1000	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	Mani PC	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
X	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
X	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	
									Chan ids	
									Tracks	
Group delay (usec)(sbd)	-4.08758613807E+02		Apriori delay (usec)		-4.08771213757E+02		Resid mbdelay (usec)		-3.02505E-03	+/- 4.3E-05
Sband delay (usec)	-4.08758907507E+02		Apriori clock (usec)		-5.7036732E+01		Resid sbdelay (usec)		1.23062E-02	+/- 3.4E-04
Phase delay (usec)	-4.08771209755E+02		Apriori clockrate (us/s)		-5.1200000E-07		Resid phdelay (usec)		4.00237E-06	+/- 1.5E-07
Delay rate (us/s)	-1.84862630364E-01		Apriori rate (us/s)		-1.84863036347E-01		Resid rate (us/s)		4.05983E-07	+/- 8.9E-10
Total phase (deg)			Apriori accel (us/s/s)		1.80500477255E-06		Resid phase (deg)		124.1	+/- 4.6

ph/seg (deg) 77.0 11.0 Search (2048X32) 0.525 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 102.8 19.2 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 ph/frq (deg) 25.1 6.5 Inc. seg. avg. 0.929 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 amp/frq (%) 16.6 11.3 Inc. frq. avg. 0.577 Sample rate(MISamp/s): 128 Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite dr window (ns/s) -0.011 0.011
 Z: az 171.6 el 28.2 pa -3.8 X: az 157.1 el 29.2 pa -11.8 u,v (fr/asec) 1060.650 225.885 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/ZX..1N7ECY Output file: /Exps/f211a/FRINGE/1234/No0002/ZX.W.15.1N7ECY