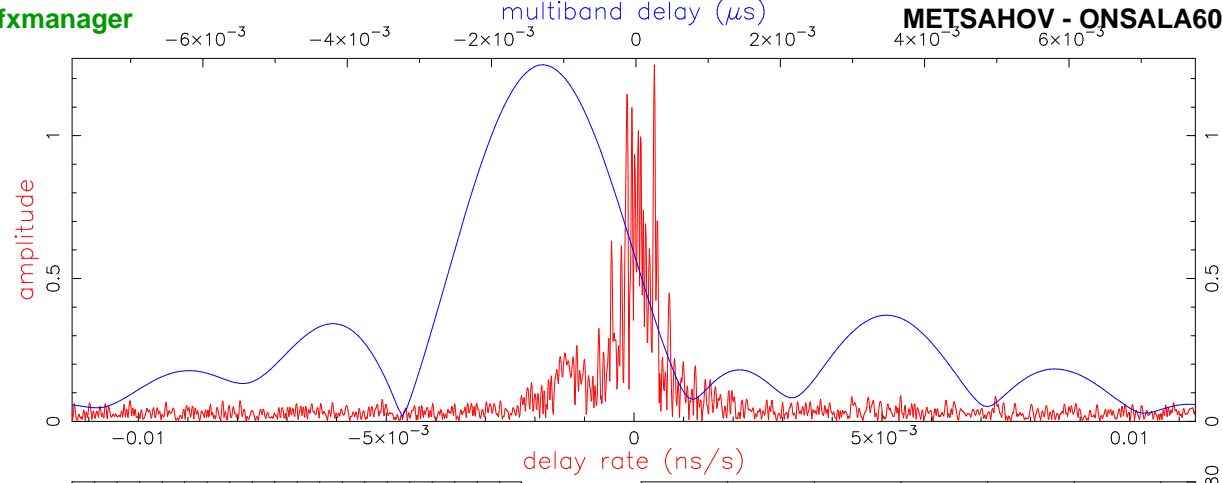


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, ZX

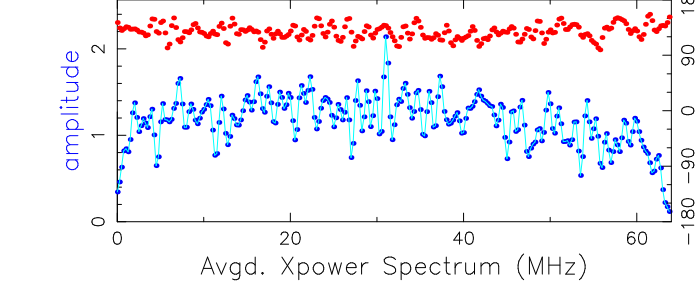
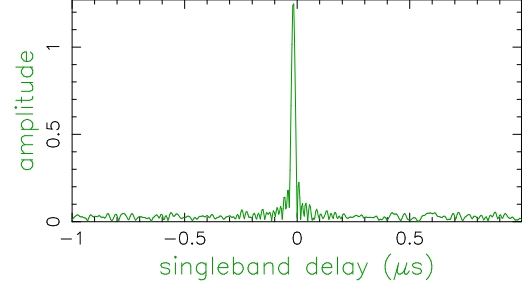
METSAHOV - ONSALA60, fgroup W, pol LL



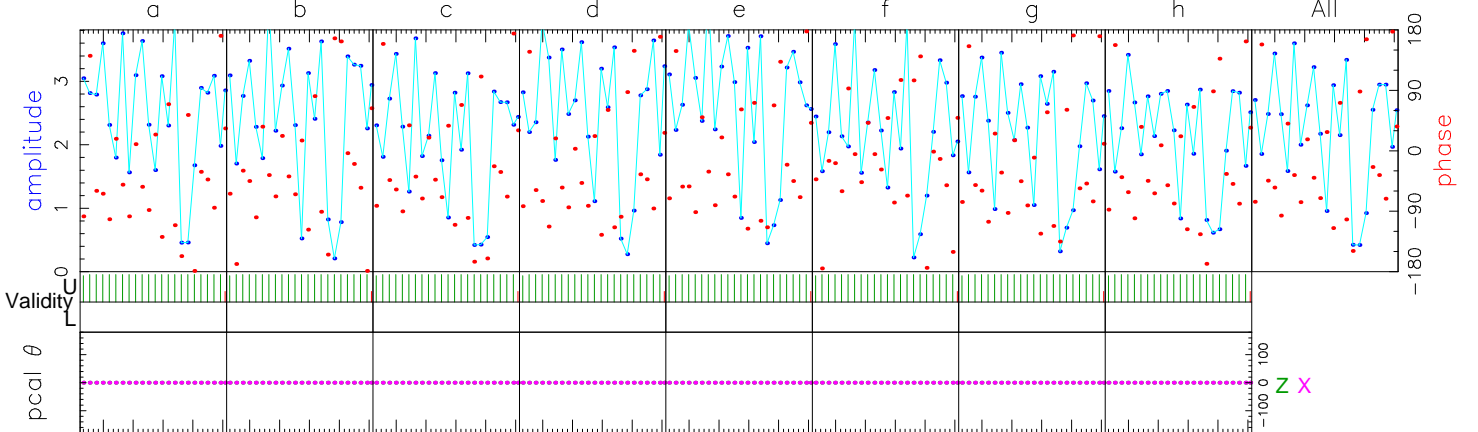
Fringe quality 4

SNR 58.7
 Int time 285.838
 Amp 1.271
 Phase -56.2
 PFD 0.0e+00
 Delays (us)
 SBD -0.017367
 MBD -0.001326
 Fringe rate (Hz) 0.035003
 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
 2021:112:144104
 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
	-69.1	-47.8	-56.2	-69.4	-53.7	-23.1	-65.2	-62.9	Phase	-56.2
	1.3	1.4	1.2	1.4	1.4	1.2	1.3	1.1	Ampl.	1.3
	252.7	252.3	252.4	252.6	253.1	252.5	252.4	252.3	Sbd box	252.6
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	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec)(sbd) -4.08788164432E+02 Apriori delay (usec) -4.08771213757E+02 Resid mbdelay (usec) -1.32568E-03 +/- 1.8E-05
 Sband delay (usec) -4.08788580757E+02 Apriori clock (usec) -5.7036732E+01 Resid sbdelay (usec) -1.73670E-02 +/- 1.5E-04
 Phase delay (usec) -4.08771215568E+02 Apriori clockrate (us/s) -5.1200000E-07 Resid phdelay (usec) -1.81071E-06 +/- 6.3E-08
 Delay rate (us/s) -1.84862629992E-01 Apriori rate (us/s) -1.84863036347E-01 Resid rate (us/s) 4.06355E-07 +/- 3.8E-10
 Total phase (deg) -183.2 Apriori accel (us/s/s) 1.80500477255E-06 Resid phase (deg) -56.2 +/- 2.0

RMS Theor. Amplitude 1.271 +/- 0.022 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 78.5 4.7 Search (2048X32) 1.224 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 105.9 8.2 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 ph/frq (deg) 16.5 2.8 Inc. seg. avg. 2.259 Sample rate(MISamp/s): 128 dr window (ns/s) -0.011 0.011
 amp/frq (%) 6.7 4.8 Inc. frq. avg. 1.286 Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite ion window (TEC) 0.00 0.00

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.4.1N7ECY