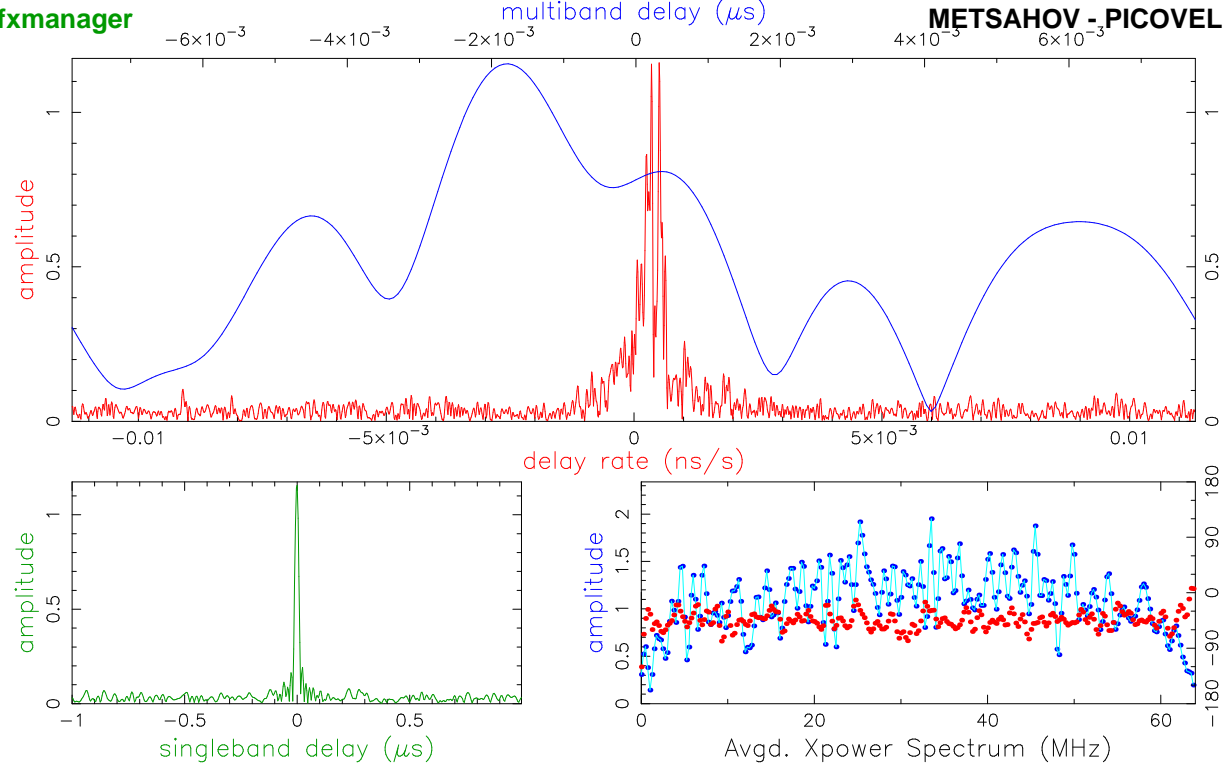


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7NOX, No0009, ZP

MEṬSAHOV - PICOVEL, fgroup W, pol LL

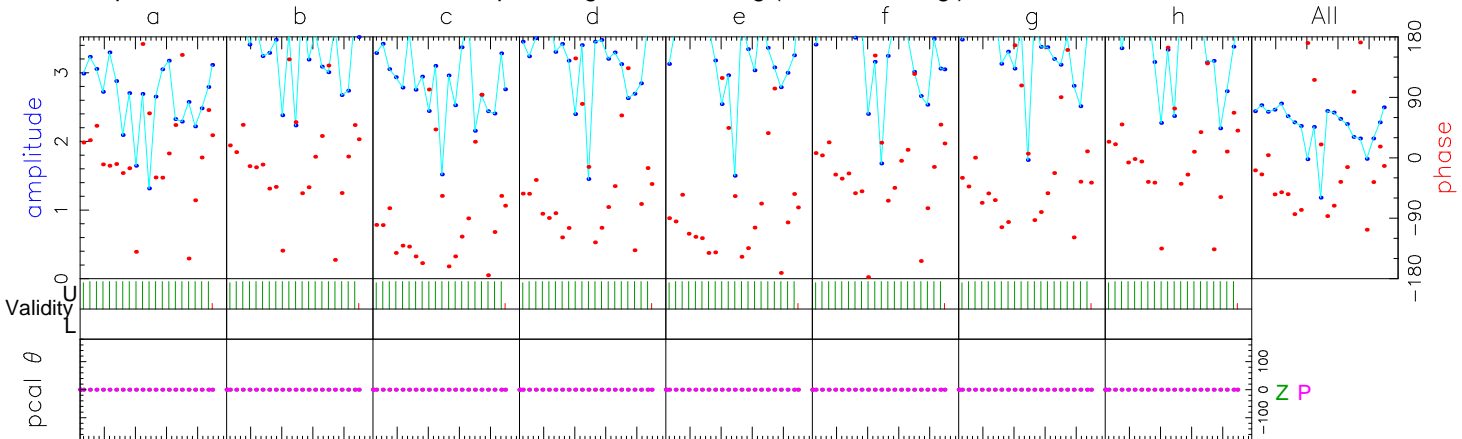


Fringe quality 1

SNR 50.5
 Int time 247.664
 Amp 1.175
 Phase -43.2
 PFD 0.0e+00
 Delays (us)
 SBD -0.001670
 MBD -0.001829
 Fringe rate (Hz) 0.030802
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512

Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 140013.31
 Stop 140446.72
 FRT 140230.00
 Corr/FF/build
 2021:112:180055
 2021:112:180243
 2021:057:122453
 RA & Dec (J2000)
 04h23m15.800724s
 --1°20'33.065613"

Amp. and Phase vs. time for each freq., 23 segs, 24 APs / seg (12.29 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
	4.9	-4.1	-119.6	-75.3	-107.6	-17.7	-55.6	4.9	Phase	-43.2
	1.4	1.7	1.5	1.7	1.7	1.8	1.6	1.9	Ampl.	1.7
	255.1	256.4	256.8	257.4	257.5	257.4	257.5	256.6	Sbd box	256.6
U/L	485/0	485/0	485/0	485/0	485/0	485/0	485/0	485/0	APs used	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
Z:P	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	
P	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	
									Tracks	
Group delay (usec)(sbd)	-6.99601898824E+03		Apriori delay (usec)		-6.99601715954E+03		Resid mbdelay (usec)		-1.82870E-03	+/- 2.1E-05
Sband delay (usec)	-6.99601882979E+03		Apriori clock (usec)		1.5370083E-01		Resid sbdelay (usec)		-1.67025E-03	+/- 1.7E-04
Phase delay (usec)	-6.99601716094E+03		Apriori clockrate (us/s)		2.1600000E-07		Resid phdelay (usec)		-1.39413E-06	+/- 7.3E-08
Delay rate (us/s)	-4.33959897122E-01		Apriori rate (us/s)		-4.33960254709E-01		Resid rate (us/s)		3.57586E-07	+/- 5.1E-10
Total phase (deg)			Apriori accel (us/s/s)		3.65247634835E-05		Resid phase (deg)		-43.2	+/- 2.3

ph/seg (deg) 73.7 5.2 Search (2048X32) 1.138 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 92.0 9.0 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 ph/frq (deg) 54.7 3.2 Inc. seg. avg. 2.196 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 amp/frq (%) 43.9 5.6 Inc. frq. avg. 1.666 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 201.6 el 26.7 pa 10.9 P: az 166.3 el 50.8 pa -10.4 u,v (fr/asec) 2512.887 2290.943 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0009/ZP..1N7NOX Output file: /Exps/f211a/FRINGE/1234/No0009/ZP.W.5.1N7NOX