

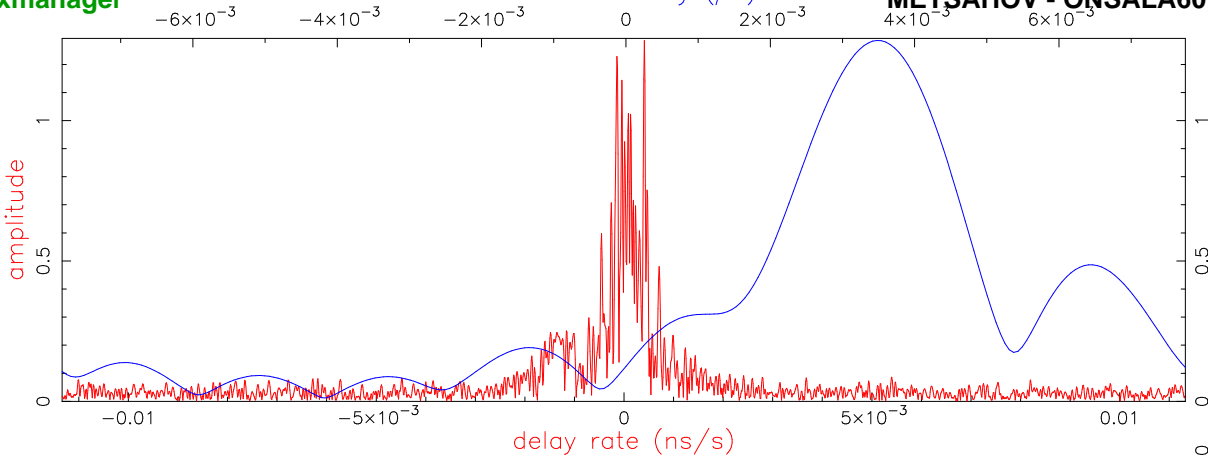
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, ZX

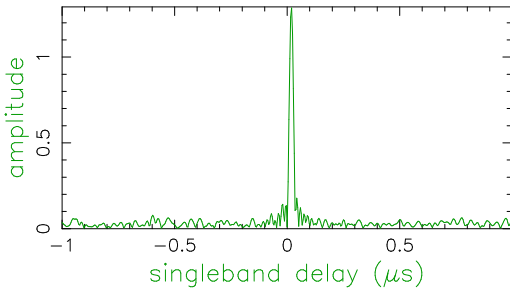
METSAHOV - ONSALA60, fgroup W, pol RR

multiband delay (μ s)

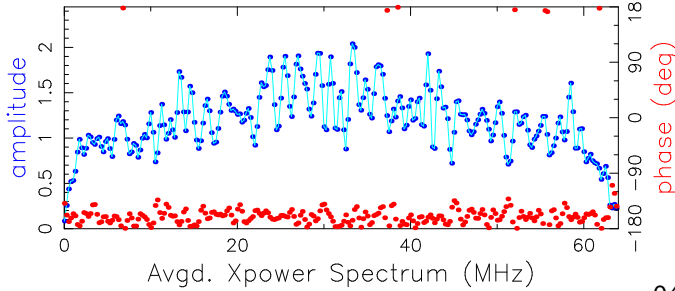


Fringe quality 4

SNR 59.7
 Int time 285.838
 Amp 1.293
 Phase 12.3
 PFD 0.0e+00
 Delays (us)
 SBD 0.018556
 MBD 0.003474
 Fringe rate (Hz)
 0.035089
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

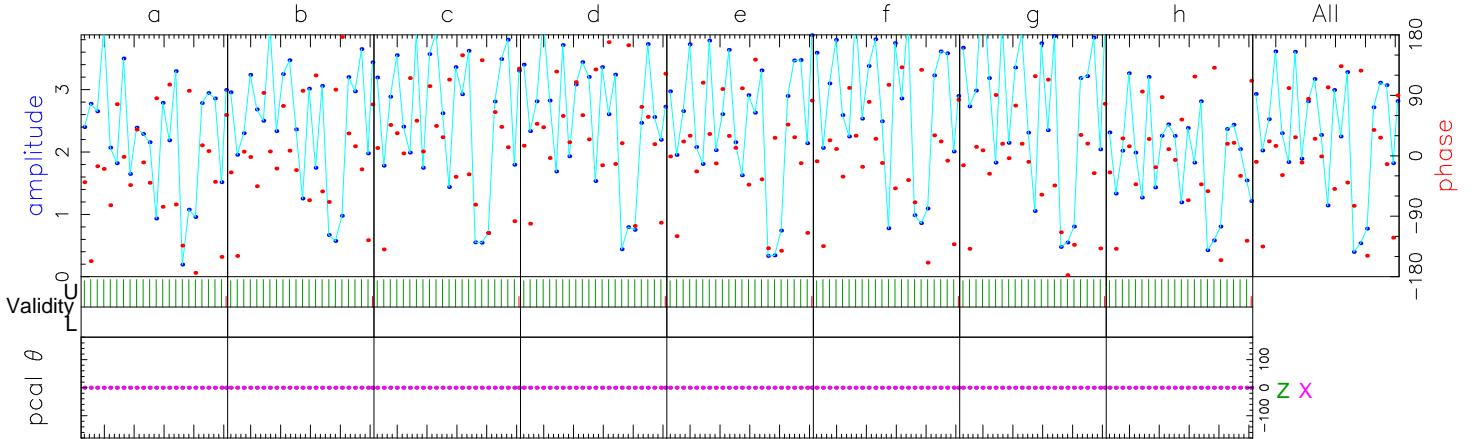


delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121513.31
 Stop 122000.03
 FRT 121730.00
 Corr/FF/build
 2021:112:143544
 2021:112:144107
 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
	-20.0	-1.1	37.8	41.3	18.8	9.7	2.5	2.7	Phase	12.3
	1.1	1.4	1.4	1.4	1.4	1.5	1.6	1.1	Ampl.	1.4
	261.6	261.8	262.0	261.9	261.5	261.8	262.0	261.5	Sbd box	261.8
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	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
X	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec)(sbd)	-4.08752114901E+02	Apriori delay (usec)	-4.08771213757E+02	Resid mbdelay (usec)	3.47386E-03	+/-	1.8E-05
Sband delay (usec)	-4.08752657757E+02	Apriori clock (usec)	-5.7036732E+01	Resid sbdelay (usec)	1.85560E-02	+/-	1.4E-04
Phase delay (usec)	-4.08771213359E+02	Apriori clockrate (us/s)	-5.1200000E-07	Resid phdelay (usec)	3.97937E-07	+/-	6.2E-08
Delay rate (us/s)	-1.84862628999E-01	Apriori rate (us/s)	-1.84863036347E-01	Resid rate (us/s)	4.07348E-07	+/-	3.7E-10
Total phase (deg)		Apriori accel (us/s/s)	1.80500477255E-06	Resid phase (deg)	12.3	+/-	1.9

ph/seg (deg)	RMS 77.9	Theor. 4.6	Amplitude 1.293 +/- 0.022	1.274	PCal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
amp/seg (%)	107.3	8.0	Search (2048X32)	1.274	PCal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -1.000 1.000
ph/frq (deg)	22.2	2.7	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled
amp/frq (%)	13.8	4.7	Inc. seg. avg.	2.322	Sample rate(MISamp/s): 128	dr window (ns/s) -0.011 0.011
			Inc. frq. avg.	1.357	Data rate(Mb/s): 2048	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.10.1N7ECY