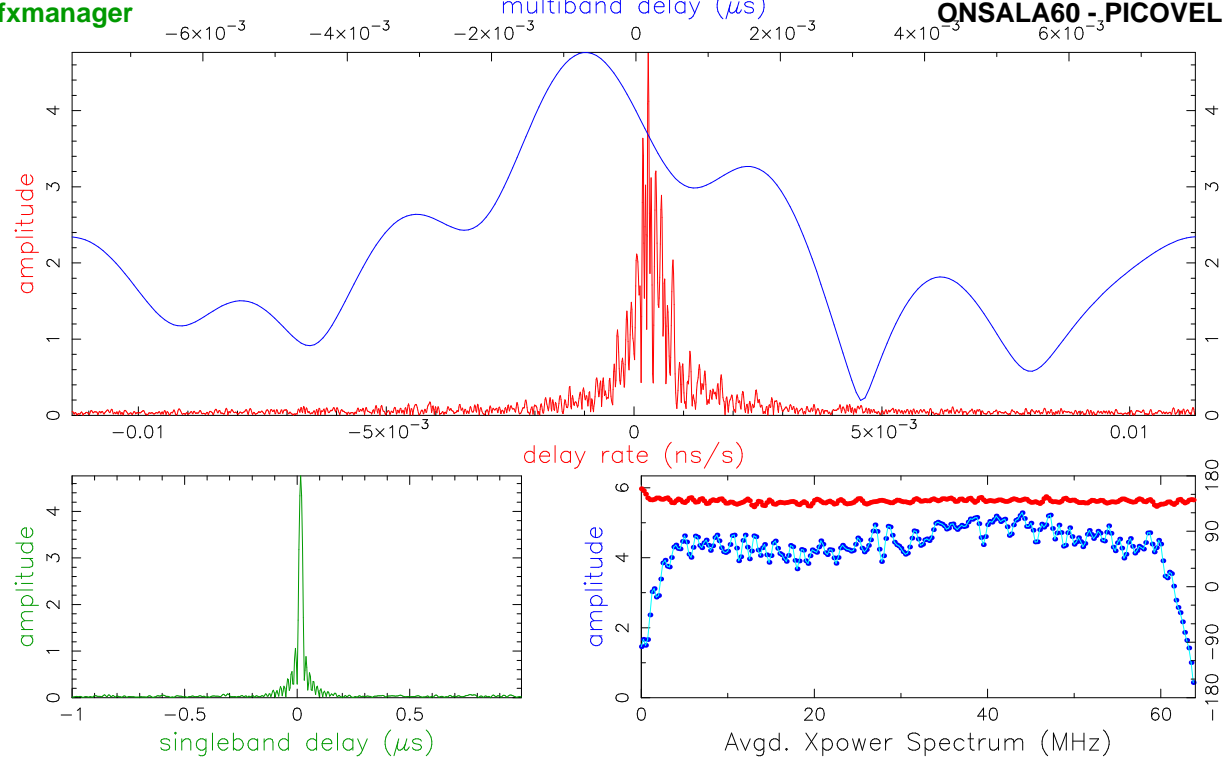


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7NOX, No0009, XP

ONSALA60 - PICOVEL, fgroup W, pol LL

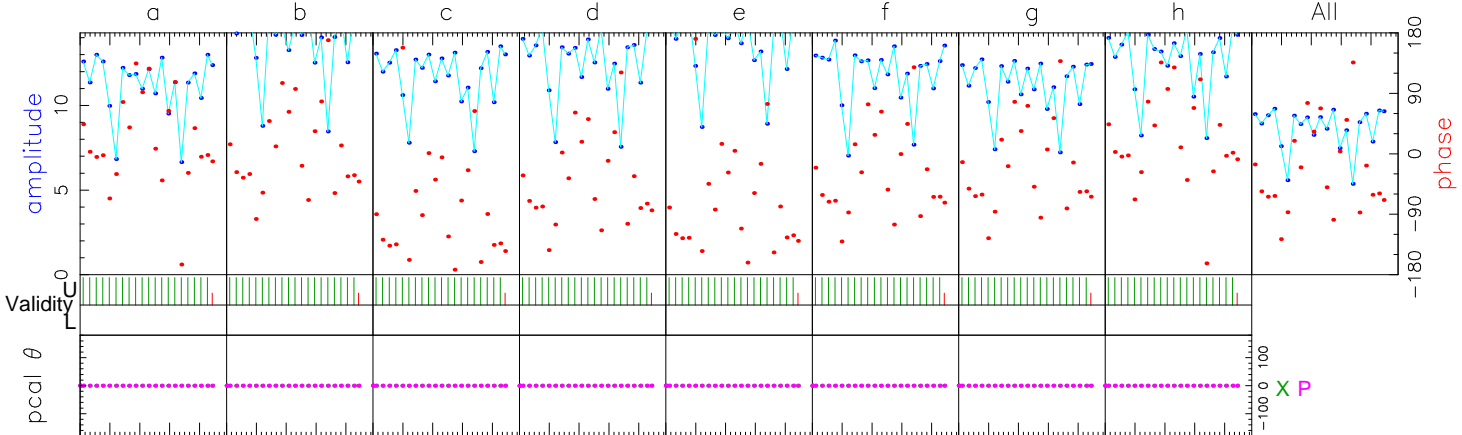


Fringe quality 1

SNR 210.6
 Int time 261.506
 Amp 4.764
 Phase -33.0
 PFD 0.0e+00
 Delays (us)
 SBD 0.015627
 MBD -0.000697
 Fringe rate (Hz) 0.024459
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512

Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 140000.00
 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, 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
	25.3	-3.5	-106.0	-49.7	-94.9	-38.1	-29.7	27.3	Phase	-33.0
	6.2	7.7	6.5	6.9	7.6	6.5	6.1	6.9	Ampl.	6.8
	259.3	261.0	261.1	261.6	261.6	261.9	262.0	261.4	Sbd box	261.0
U/L	511/0	511/0	511/0	511/0	511/0	511/0	511/0	511/0	APs used	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
X:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
X	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)	-5.49832440822E+03		Apriori delay (usec)		-5.49833933586E+03		Resid mbdelay (usec)		-6.97365E-04	+/- 5.2E-06
Sband delay (usec)	-5.49832370911E+03		Apriori clock (usec)		5.7193657E+01		Resid sbdelay (usec)		1.56268E-02	+/- 4.1E-05
Phase delay (usec)	-5.49833933692E+03		Apriori clockrate (us/s)		7.2800002E-07		Resid phdelay (usec)		-1.06573E-06	+/- 1.8E-08
Delay rate (us/s)	-2.79239562739E-01		Apriori rate (us/s)		-2.79239846682E-01		Resid rate (us/s)		2.83943E-07	+/- 1.2E-10
Total phase (deg)			Apriori accel (us/s/s)		2.89295705213E-05		Resid phase (deg)		-33.0	+/- 0.5

ph/seg (deg) 66.4 1.2 Search (2048X32) 4.562 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 85.0 2.2 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 ph/frq (deg) 53.8 0.8 Inc. seg. avg. 8.616 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 amp/frq (%) 44.6 1.3 Inc. frq. avg. 6.813 Sample rate(MISamp/s): 128 Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite dr window (ns/s) -0.011 0.011
 X: az 187.8 el 31.1 pa 4.6 P: az 166.3 el 50.8 pa -10.4 u,v (fr/asec) 1620.494 2075.784 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0009/XP..1N7NOX Output file: /Exps/f211a/FRINGE/1234/No0009/XP.W.3.1N7NOX