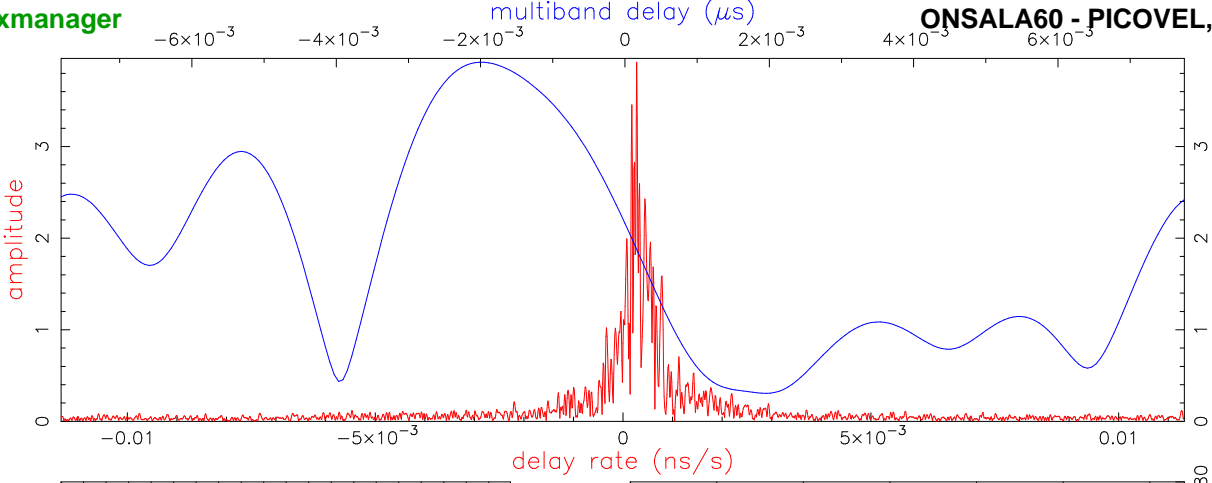


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7NOX, No0009, XP

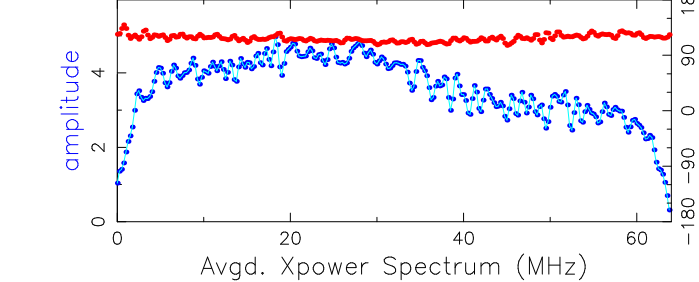
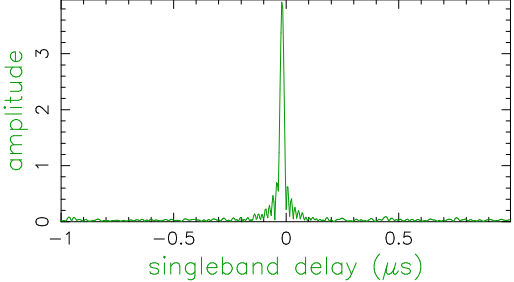
ONSALA60 - PICOVEL, fgroup W, pol RR



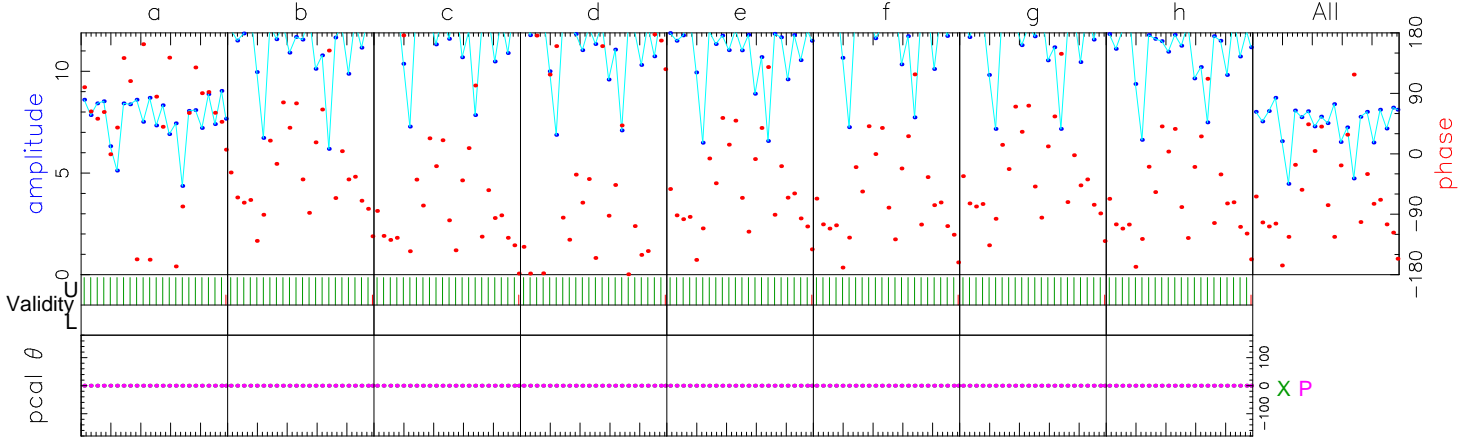
Fringe quality 1

SNR 183.3
 Int time 286.174
 Amp 3.963
 Phase -70.6
 PFD 0.0e+00
 Delays (us)
 SBD -0.018178
 MBD -0.001987
 Fringe rate (Hz) 0.024056
 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
 2021:112:180246
 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
	92.8	-34.7	-91.9	-146.9	-60.3	-74.2	-41.5	-72.8	Phase	-70.6
	4.3	6.0	6.3	6.0	5.8	6.3	6.2	5.9	Ampl.	5.9
	250.2	251.1	251.4	252.1	253.0	251.9	252.3	252.1	Sbd box	252.3
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0	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	Mani PC	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
X	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec)(sbd)	-5.49835694772E+03	Apriori delay (usec)	-5.49833933586E+03	Resid mbdelay (usec)	-1.98687E-03	+/-	5.9E-06
Sband delay (usec)	-5.49835751386E+03	Apriori clock (usec)	5.7193657E+01	Resid sbdelay (usec)	-1.81780E-02	+/-	4.7E-05
Phase delay (usec)	-5.49833933813E+03	Apriori clockrate (us/s)	7.2800002E-07	Resid phdelay (usec)	-2.27564E-06	+/-	2.0E-08
Delay rate (us/s)	-2.79239567420E-01	Apriori rate (us/s)	-2.79239846682E-01	Resid rate (us/s)	2.79262E-07	+/-	1.2E-10
Total phase (deg)	-211.2	Apriori accel (us/s/s)	2.89295705213E-05	Resid phase (deg)	-70.6	+/-	0.6

ph/seg (deg)	68.0	RMS	1.5	Theor.	3.963 +/- 0.022	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	90.5	Search (2048X32)	3.865	Amplitude		Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	76.6	Interp.	0.000	Search		Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
amp/frq (%)	50.2	Inc. seg. avg.	7.389	Inc. seg. avg.		Sample rate (MSamp/s):	128	dr window (ns/s)	-0.011 0.011	
		Inc. frq. avg.	5.851	Inc. frq. avg.		Data rate (Mb/s):	2048	ion window (TEC)	0.00 0.00	

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.14.1N7NOX