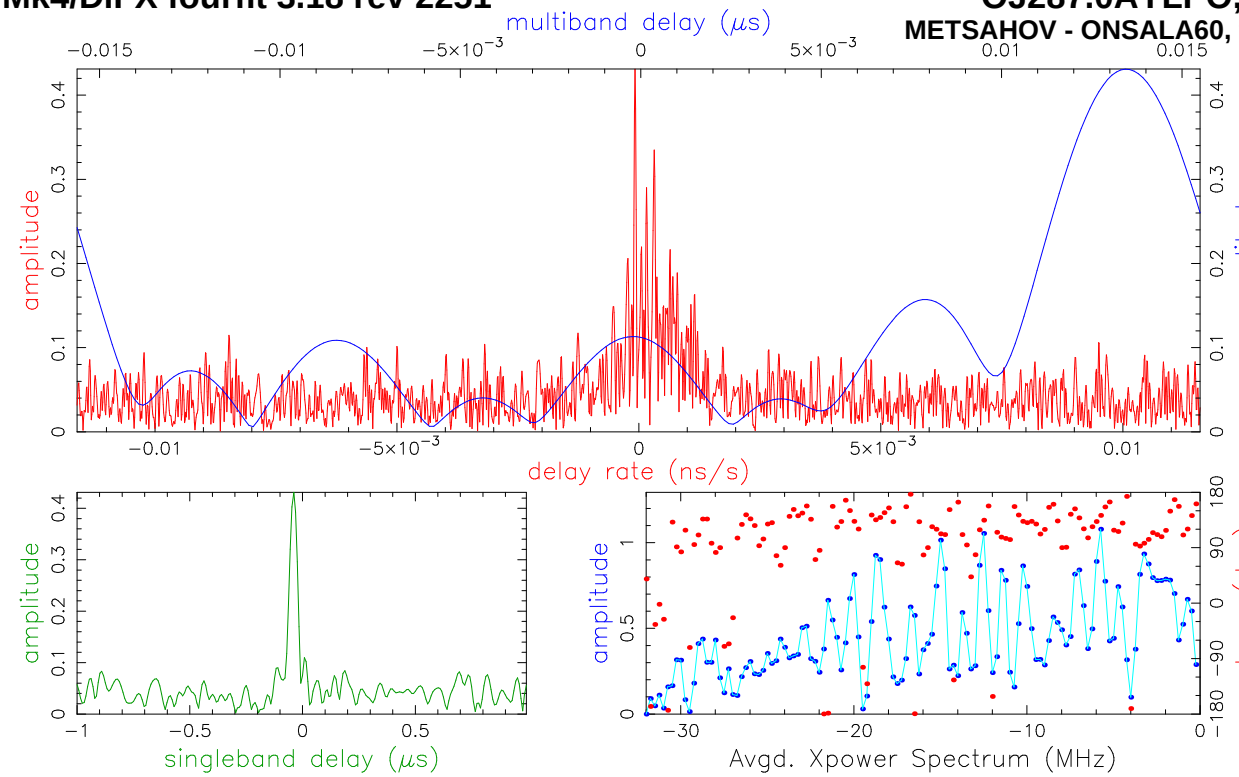
Mk4/DiFX fourfit 3.18 rev 2251

OJ287.0AYLPO, No0002, ZX

METSAHOV - ONSALA60, fgroup W, pol RL

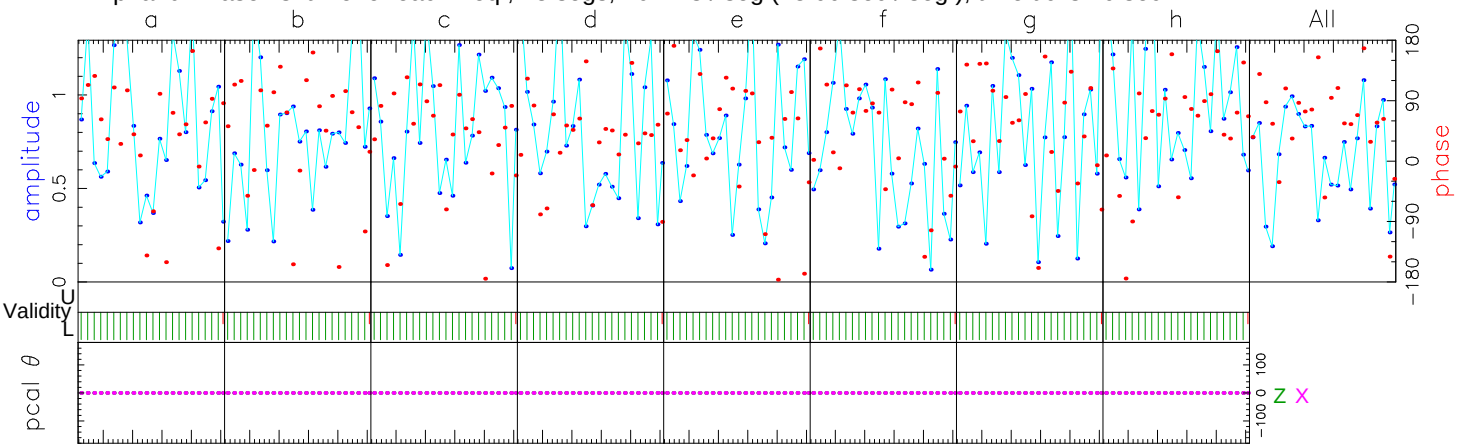


Fringe quality 9

SNR 14.2
Int time 291.430
Amp 0.431
Phase 72.9
PFD 1.7e-37
Delays (us)
SBD -0.039619
MBD 0.013451
Fringe rate (Hz)
-0.006768
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.500

Exp. f182a
Exper # 16383
Yr:day 2018:270
Start 121508.50
Stop 122000.00
FRT 121730.00
Corr/FF/build
2018:270:174202
2018:270:174933
2018:249:082454
RA & Dec (J2000)
08h54m48.8749s
+20°06'30.641"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.00 sec / seg.), time ticks 10 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
	86.1	83.2	65.6	42.8	83.2	70.0	82.6	77.5	Phase	72.9
	0.5	0.4	0.5	0.5	0.4	0.4	0.4	0.5	Ampl.	0.4
	123.5	124.9	124.1	124.7	123.5	123.8	124.0	122.8	Sbd box	123.9
U/L	0/583	0/583	0/583	0/583	0/583	0/583	0/583	0/583	APs used	
Z	0	0	0	0	0	0	0	0	PC freqs	
X	0	0	0	0	0	0	0	0	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	Manl PC	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
X	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids Tracks	
X	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids Tracks	

Group delay (usec)(sbd)	-2.22537996039E+03	Apriori delay (usec)	-2.22533091143E+03	Resid mbdelay (usec)	1.34510E-02	+/-	1.5E-04
Sband delay (usec)	-2.22537053043E+03	Apriori clock (usec)	-1.7789488E+01	Resid sbdelay (usec)	-3.96190E-02	+/-	1.2E-03
Phase delay (usec)	-2.22533090908E+03	Apriori clockrate (us/s)	-4.6600001E-07	Resid phdelay (usec)	2.35122E-06	+/-	2.6E-07
Delay rate (us/s)	1.58992297443E-02	Apriori rate (us/s)	1.58993083177E-02	Resid rate (us/s)	-7.85734E-08	+/-	1.5E-09
Total phase (deg)	177.0	Apriori accel (us/s/s)	1.27278732315E-05	Resid phase (deg)	72.9	+/-	8.1

	RMS	Theor.		
			Amplitude	0.431 +/- 0.030
ph/seg (deg)	59.9	19.3	Search (2048X32)	0.428
amp/seg (%)	81.3	33.7	Interp.	0.000
ph/frq (deg)	15.6	11.4	Inc. seg. avg.	0.637
amp/frq (%)	15.8	19.9	Inc. frq. avg.	0.436

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Sample rate(MSamp/s): 64
Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite

sb window (us)	-1.000	1.000
mb window (us)	-0.016	0.016
dr window (ns/s)	-0.012	0.012
ion window (TEC)	0.00	0.00

Z: az 271.9 el 22.2 pa 31.9 X: az 262.4 el 28.7 pa 34.7 u,v (fr/asec) -81.449 577.992 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f182a/FRINGE/1234/No0002/ZX..0AYLPO Output file: /Exps/f182a/FRINGE/1234/No0002/ZX.W.32.0AYLPO