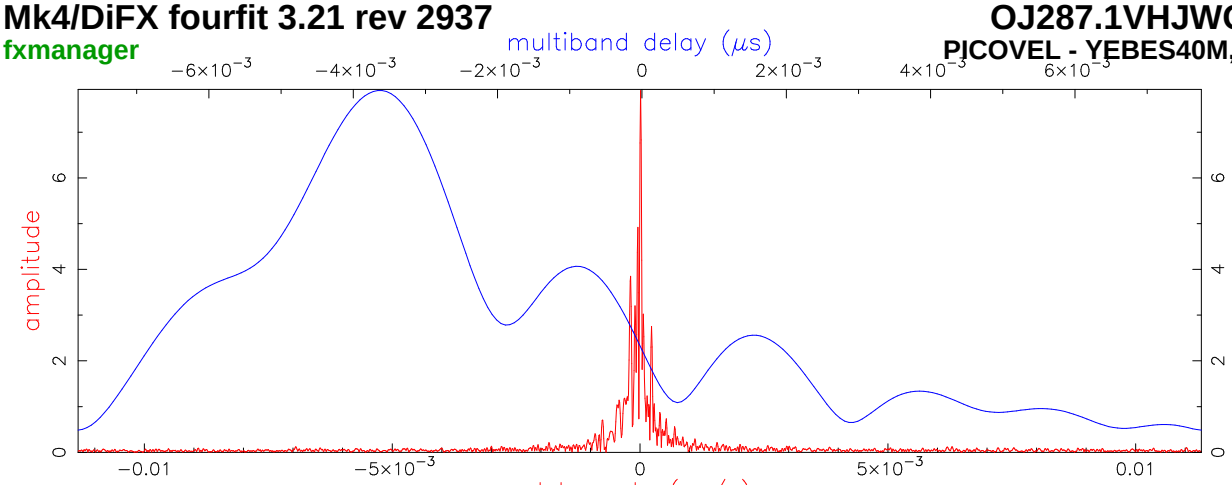
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

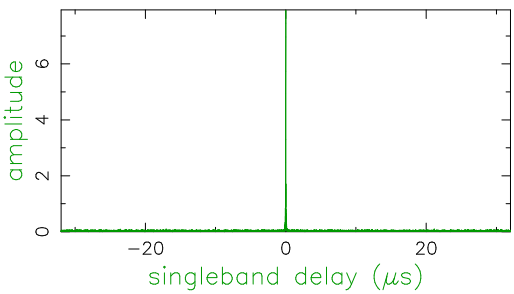
OJ287.1VHJWO, No0002, PY

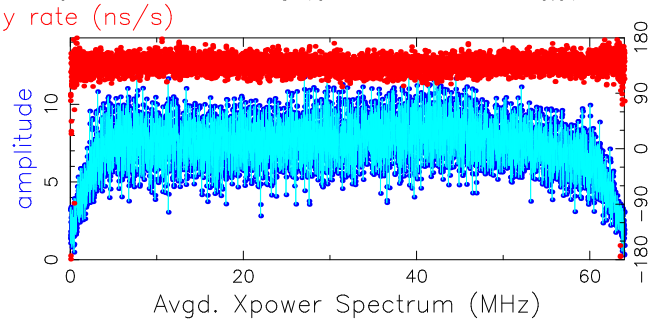
PICOVEL - YEBES40M, fgroup W, pol LL



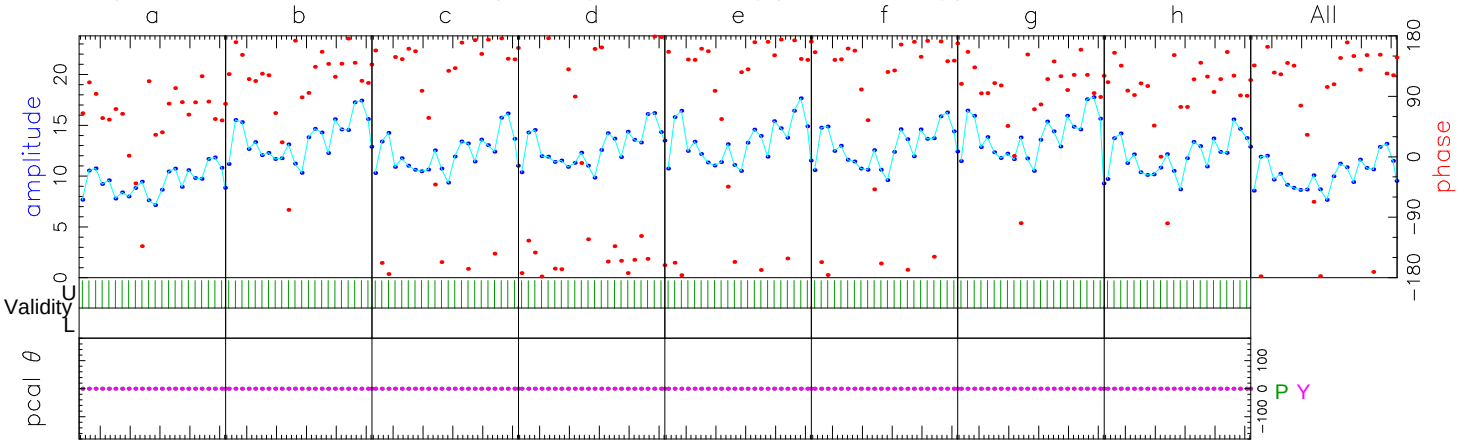
Fringe quality 3

SNR	364.1
Int time	281.578
Amp	7.936
Phase	140.8
PFD	0.0e+00
Delays (us)	
SBD	-0.003202
MBD	-0.003611
Fringe rate (Hz)	0.001008
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	f212a
Exper #	16383
Yr:day	2021:273
Start	121517.41
Stop	122000.03
FRT	121730.00
Corr/FF/build	2021:273:143800
	2021:273:145245
	2021:252:122852
RA & Dec (J2000)	08h54m48.874928s
	+20°06'30.640850"





Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 sec / seg.), time ticks 10 sec



									Freq (MHz)	All
	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00		
	71.1	128.2	163.3	-164.3	162.0	161.6	111.0	110.1	Phase	140.8
	7.2	10.5	9.4	9.9	10.4	10.0	10.6	9.2	Ampl.	9.6
	8194.4	8192.8	8192.7	8192.3	8192.1	8192.0	8192.1	8191.8	Sbd box	8192.2
U/L	552/0	552/0	552/0	552/0	552/0	552/0	552/0	552/0	APs used	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Y	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
P:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
Y	1000	1000	1000	1000	1000	1000	1000	1000		
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
									Tracks	
Y	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
									Tracks	

Group delay (usec)(sbd)	1.45322438889E+02	Apriori delay (usec)	1.45326050205E+02	Resid mbdelay (usec)	-3.61132E-03	+/-	3.0E-06
Sband delay (usec)	1.45322848455E+02	Apriori clock (usec)	-1.3722496E+00	Resid sbdelay (usec)	-3.20175E-03	+/-	2.4E-05
Phase delay (usec)	1.45326054745E+02	Apriori clockrate (us/s)	1.6650000E-06	Resid phdelay (usec)	4.53931E-06	+/-	1.0E-08
Delay rate (us/s)	-4.28419696684E-02	Apriori rate (us/s)	-4.28419813653E-02	Resid rate (us/s)	1.16969E-08	+/-	6.2E-11
Total phase (deg)	128.1	Apriori accel (us/s/s)	-2.59068003625E-06	Resid phase (deg)	140.8	+/-	0.3

	RMS	Theor.	Amplitude	7.936 +/- 0.022	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	47.8	0.8	Search (2048X32)	7.770	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-32.000 32.000
amp/seg (%)	35.0	1.3	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	43.3	0.4	Inc. seg. avg.	10.288	Sample rate(MSamp/s): 128		dr window (ns/s)	-0.011 0.011
amp/frq (%)	25.3	0.8	Inc. frq. avg.	9.649	Data rate(Mb/s): 2048	nlags: 8192 t_cohere infinite	ion window (TEC)	0.00 0.00

P: az 266.5 el 39.1 pa 58.1 Y: az 264.0 el 38.6 pa 53.7 u,v (fr/asec) 258.545 -465.192 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f212a/FRINGE/1234/No0002/PY..1VHJWO Output file: /Exps/f212a/FRINGE/1234/No0002/PY.W.11.1VHJWO