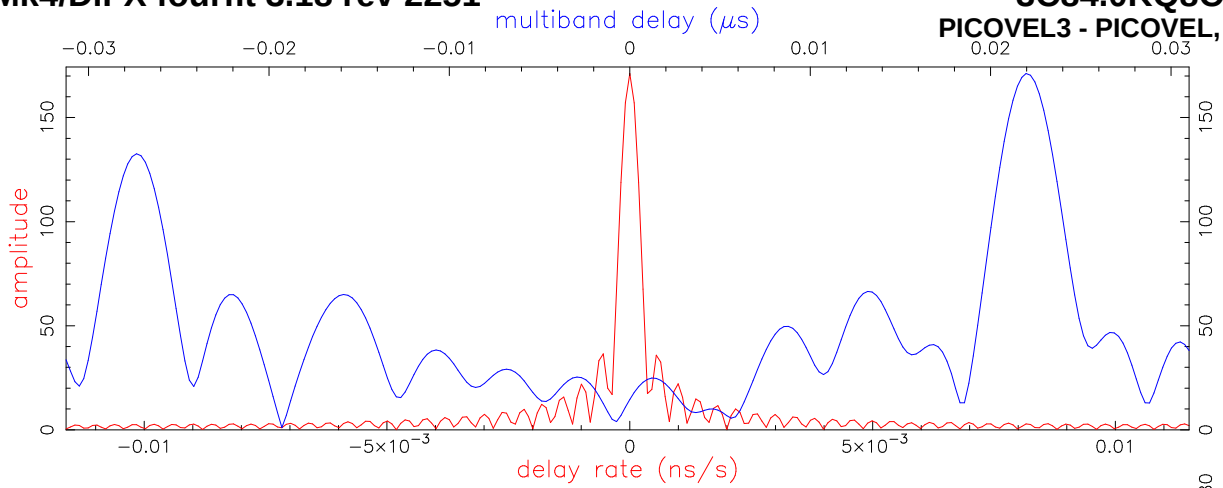
Mk4/DiFX fourfit 3.18 rev 2251

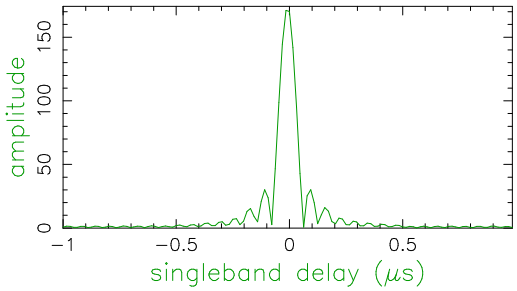
3C84.0KQ8CI, No0002, iP

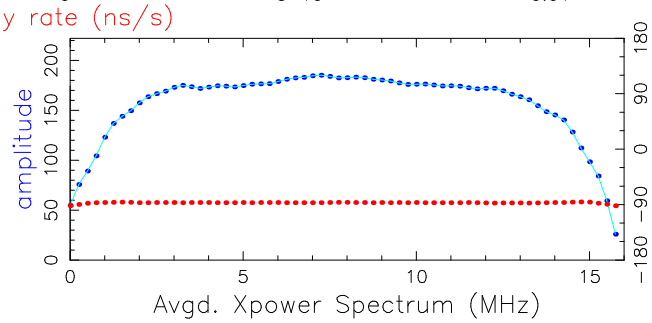
PICOVEL3 - PICOVEL, fgroup W, pol RL



Fringe quality 5

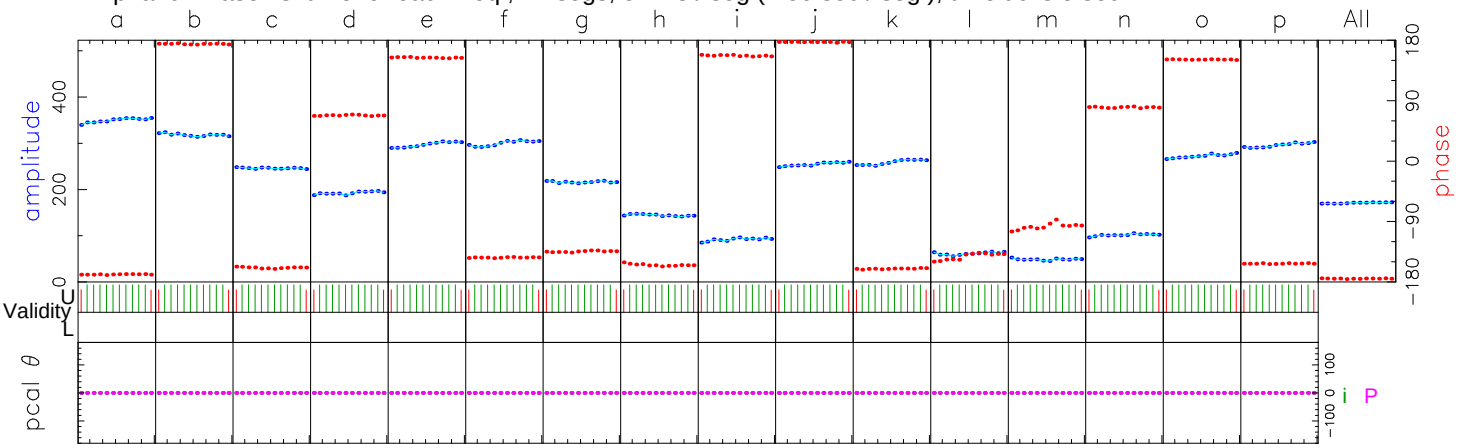
SNR 1817.0
Int time 29.063
Amp 174.299
Phase -174.9
PFD 0.0e+00
Delays (us)
SBD -0.008363
MBD 0.022001
Fringe rate (Hz)
0.000219
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.500





Exp. f191b
Exper # 16383
Yr:day 2019:094
Start 134600.50
Stop 134630.50
FRT 134830.00
Corr/FF/build
2019:095:145214
2019:095:145520
2018:249:082454
RA & Dec (J2000)
03h19m48.1601s
+41˚30'42.104"

Amp. and Phase vs. time for each freq., 12 segs, 5 APs / seg (2.50 sec / seg.), time ticks 5 sec



	86124.00	86140.00	86156.00	86172.00	86188.00	86204.00	86220.00	86236.00	86252.00	86268.00	86284.00	86300.00	86316.00	86332.00	86348.00	86364.00	Freq (MHz)	All
	-168.6	174.3	-158.6	68.1	154.0	-143.5	-134.5	-154.6	157.0	177.2	-160.2	-141.8	-97.2	80.1	151.1	-152.6	Phase	-174.9
	349.7	318.2	246.2	192.6	297.2	299.9	216.3	144.6	92.0	254.7	258.8	61.3	48.8	101.7	272.4	296.0	Ampl.	215.6
	64.5	64.4	65.4	65.9	65.4	64.8	64.3	64.2	64.0	64.9	64.8	64.8	65.6	65.5	65.3	65.0	Sbd box	64.5
U/L	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	60/0	APs used	
i	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
i:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
i:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
i	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
i	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	W08UR	W09UR	W10UR	W11UR	W12UR	W13UR	W14UR	W15UR	Chan ids	
																	Tracks	
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	W08UL	W09UL	W10UL	W11UL	W12UL	W13UL	W14UL	W15UL	Chan ids	
																	Tracks	

Group delay (usec)(sbd)	-4.04998937501E-01	Apriori delay (usec)	-4.27000000001E-01	Resid mbdelay (usec)	2.20011E-02	+/-	1.2E-06
Sband delay (usec)	-4.35363000001E-01	Apriori clock (usec)	-4.2699814E-01	Resid sbdelay (usec)	-8.36300E-03	+/-	1.9E-05
Phase delay (usec)	-4.27005640371E-01	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	-5.64037E-06	+/-	2.0E-09
Delay rate (us/s)	2.54237288136E-09	Apriori rate (us/s)	0.00000000000E+00	Resid rate (us/s)	2.54237E-09	+/-	1.2E-10
Total phase (deg)	-95.7	Apriori accel (us/s/s)	0.00000000000E+00	Resid phase (deg)	-174.9	+/-	0.1

	RMS	Theor.							
			Amplitude	174.299 +/- 0.096	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	0.3	0.1	Search (128X64)	167.076	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	1.9	0.2	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.031	0.031
ph/frq (deg)	52.8	0.1	Inc. seg. avg.	171.165	Sample rate(MSamp/s): 32		dr window (ns/s)	-0.012	0.012
amp/frq (%)	59.0	0.2	Inc. frq. avg.	215.641	Data rate(Mb/s): 1024	nlags: 64 t_cohere infinite	ion window (TEC)	0.00	0.00

i: az 64.2 el 77.5 pa -105.6 P: az 64.2 el 77.5 pa -107.5 u,v (fr/asec) 0.000 0.000 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps2/f191b/FRINGE/1234/No0002//iP..0KQ8CI Output file: /Exps2/f191b/FRINGE/1234/No0002//iP.W.40.0KQ8CI