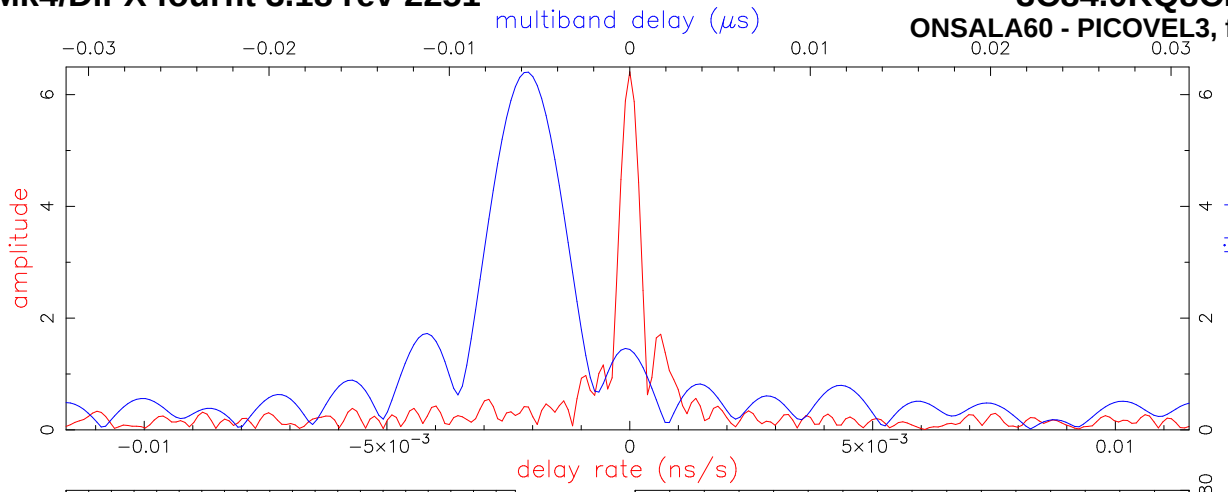
Mk4/DiFX fourfit 3.18 rev 2251

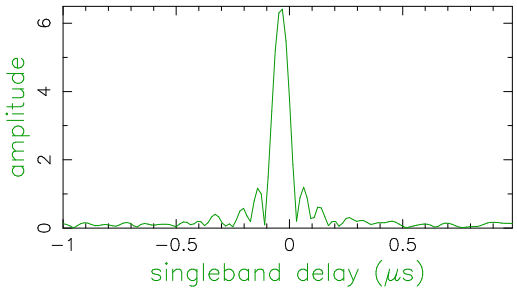
3C84.0KQ8CI, No0002, Xi

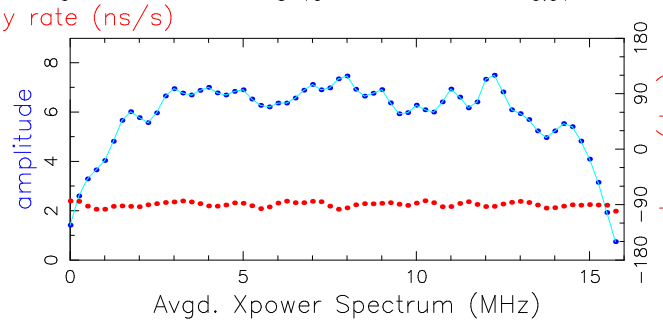
ONSALA60 - PICOVEL3, fgroup W, pol RR



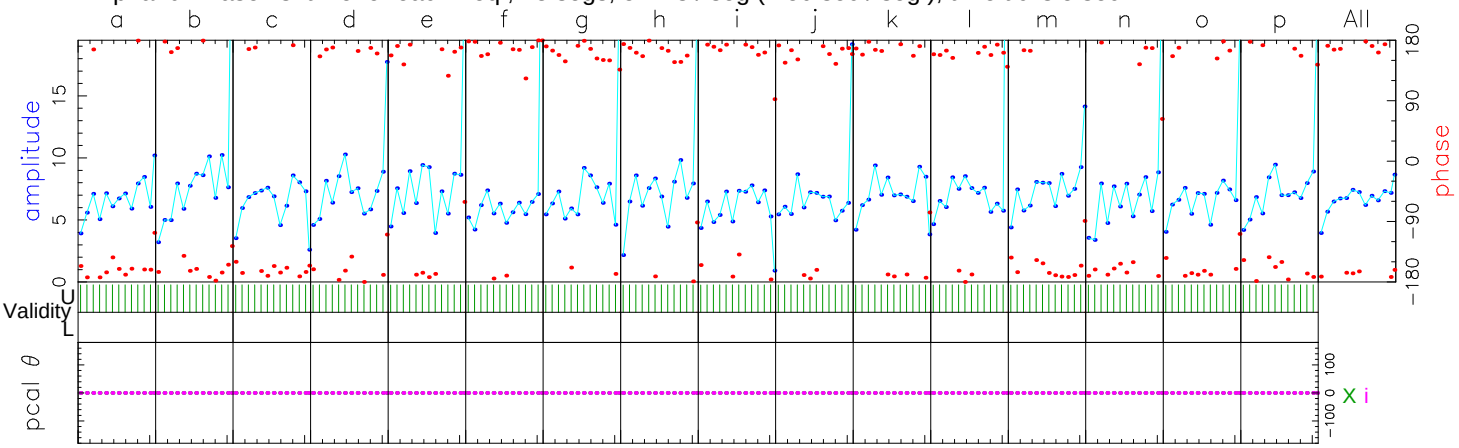
Fringe quality 8

SNR	68.8
Int time	30.000
Amp	6.497
Phase	179.1
PFD	0.0e+00
Delays (us)	
SBD	-0.037507
MBD	-0.005712
Fringe rate (Hz)	0.003063
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.500
Exp.	f191b
Exper #	16383
Yr:day	2019:094
Start	134600.00
Stop	134630.50
FRT	134830.00
Corr/FF/build	2019:095:145214
	2019:095:145519
	2018:249:082454
RA & Dec (J2000)	03h19m48.1601s
	+41°30'42.104"





Amp. and Phase vs. time for each freq., 13 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
	-167.1	-170.5	-171.5	-179.9	171.7	168.8	166.1	165.5	177.5	168.6	174.9	169.6	-166.3	-175.0	-178.4	-170.9	Phase	179.1
	6.3	7.0	6.5	6.8	6.8	5.7	6.4	6.7	5.9	6.2	7.1	6.6	7.0	6.1	6.2	6.7	Ampl.	6.5
	62.5	62.8	62.5	62.5	62.6	62.8	62.9	62.5	62.7	62.5	62.5	62.6	62.8	62.7	62.3	62.5	Sbd box	62.6
U/L	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	61/0	APs used	
X	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
i	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X:i	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	
X:i	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	
X	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
i	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
X	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	W08UR	W09UR	W10UR	W11UR	W12UR	W13UR	W14UR	W15UR	Chan ids	
																	Tracks	
i	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	W08UR	W09UR	W10UR	W11UR	W12UR	W13UR	W14UR	W15UR	Chan ids	
																	Tracks	

Group delay (usec)(sbd)	-3.51204471464E+02	Apriori delay (usec)	-3.51136259089E+02	Resid mbdelay (usec)	-5.71238E-03	+/-	3.1E-05
Sband delay (usec)	-3.51173766089E+02	Apriori clock (usec)	2.5667860E+01	Resid sbdelay (usec)	-3.75070E-02	+/-	5.0E-04
Phase delay (usec)	-3.51136253314E+02	Apriori clockrate (us/s)	7.7699999E-07	Resid phdelay (usec)	5.77424E-06	+/-	5.4E-08
Delay rate (us/s)	-2.38538979899E-01	Apriori rate (us/s)	-2.38539015457E-01	Resid rate (us/s)	3.55584E-08	+/-	3.0E-09
Total phase (deg)	50.2	Apriori accel (us/s/s)	1.99527809704E-05	Resid phase (deg)	179.1	+/-	1.7

	RMS	Theor.							
			Amplitude	6.497 +/- 0.094	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	11.6	3.0	Search (128X64)	6.318	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	14.2	5.2	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.031	0.031
ph/frq (deg)	10.3	3.3	Inc. seg. avg.	6.539	Sample rate(MSamp/s): 32		dr window (ns/s)	-0.012	0.012
amp/frq (%)	6.2	5.8	Inc. frq. avg.	6.491	Data rate(Mb/s): 1024	nlags: 64 t_cohere infinite	ion window (TEC)	0.00	0.00

X: az 180.7 el 74.2 pa 1.8 i: az 64.2 el 77.5 pa -105.6 u,v (fr/asec) 1861.713 2958.651 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps2/f191b/FRINGE/1234/No0002//Xi..0KQ8CI Output file: /Exps2/f191b/FRINGE/1234/No0002//Xi.W.28.0KQ8CI