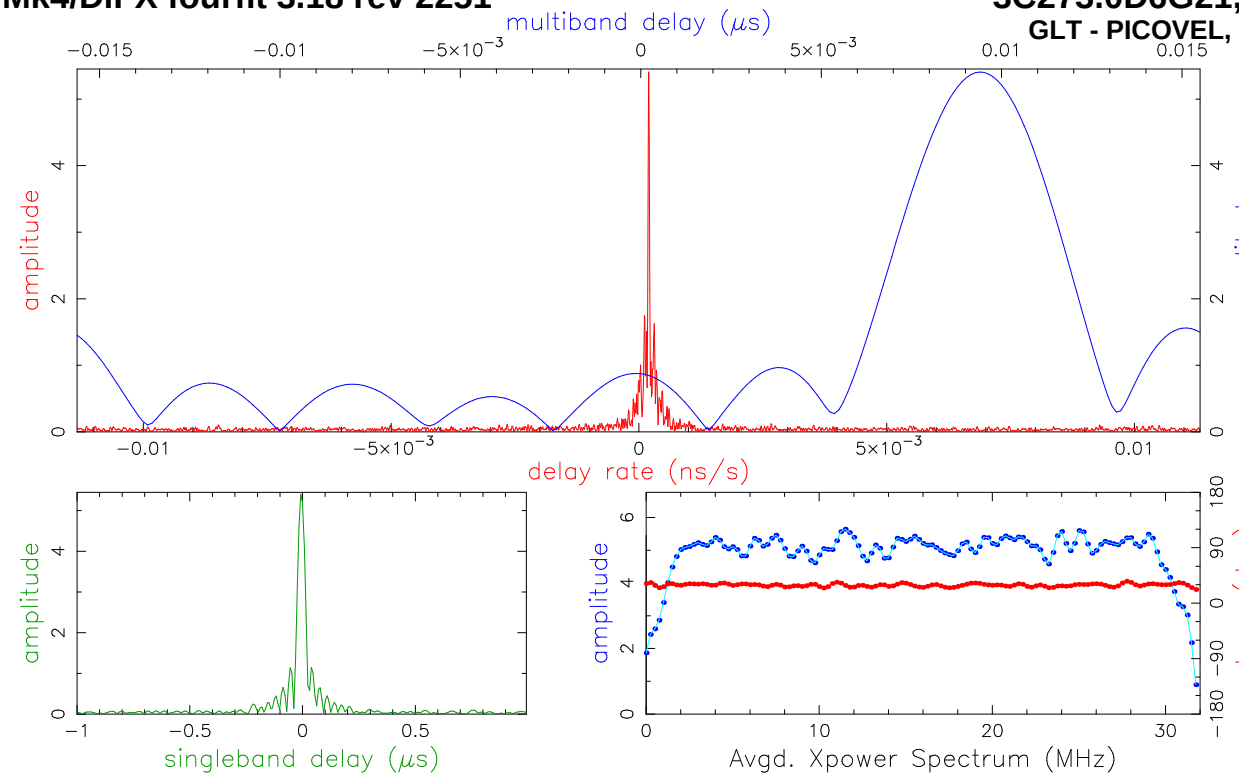
Mk4/DiFX fourfit 3.18 rev 2251

3C273.0D6G21, No0220, gP

GLT - PICOVEL, fgroup W, pol LR

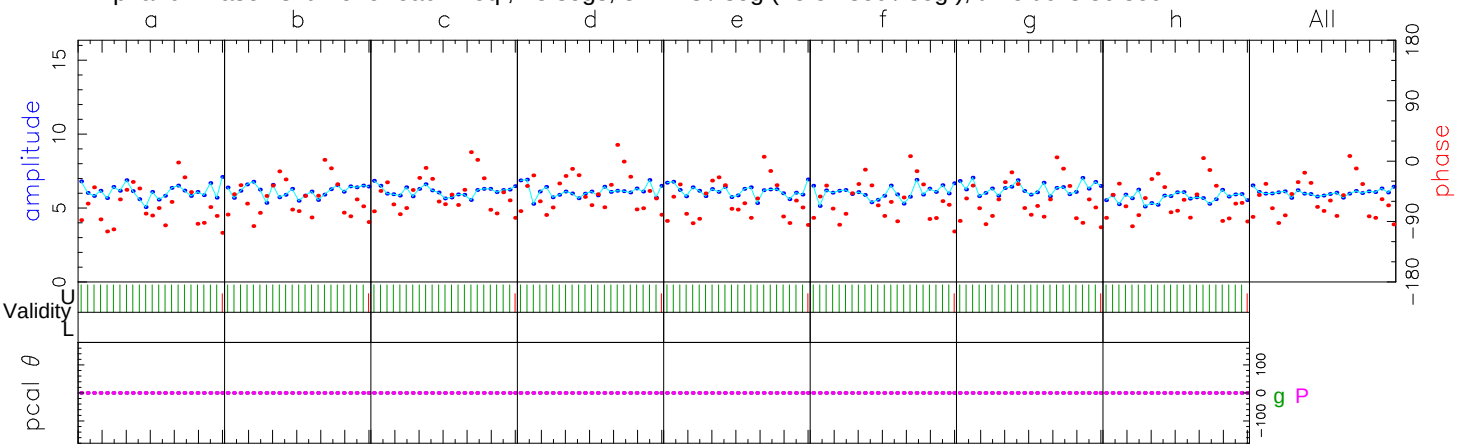


Fringe quality 7

SNR 199.6
Int time 358.654
Amp 5.452
Phase -56.6
PFD 0.0e+00
Delays (us)
SBD -0.005484
MBD 0.009411
Fringe rate (Hz)
0.017103
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

Exp. c181a
Exper # 16383
Yr:day 2018:104
Start 041500.00
Stop 042059.94
FRT 041800.00
Corr/FF/build
2018:291:165201
2018:313:233533
2018:249:082454
RA & Dec (J2000)
12h29m 6.6997s
+2°03' 8.598"

Amp. and Phase vs. time for each freq., 23 segs, 31 APs / seg (15.87 sec / seg.), time ticks 30 sec



	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
	-67.5	-56.3	-48.1	-45.2	-59.1	-58.7	-59.5	-58.6	Phase	-56.6
	5.4	5.5	5.5	5.5	5.5	5.3	5.6	5.1	Ampl.	5.4
	128.4	128.5	128.3	128.2	128.1	128.5	128.1	128.4	Sbd box	128.3
U/L	703/0	703/0	703/0	703/0	703/0	703/0	703/0	703/0	APs used	
g	0	0	0	0	0	0	0	0	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
g:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
g:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
g	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
g	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids Tracks	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	

Group delay (usec)(sbd)	1.01918370504E+03	Apriori delay (usec)	1.01917429422E+03	Resid mbdelay (usec)	9.41082E-03	+/-	1.1E-05
Sband delay (usec)	1.01916881022E+03	Apriori clock (usec)	1.2935708E+01	Resid sbdelay (usec)	-5.48400E-03	+/-	8.6E-05
Phase delay (usec)	1.01917429239E+03	Apriori clockrate (us/s)	6.3339997E-06	Resid phdelay (usec)	-1.82395E-06	+/-	1.9E-08
Delay rate (us/s)	1.13530852487E+00	Apriori rate (us/s)	1.13530832633E+00	Resid rate (us/s)	1.98546E-07	+/-	8.9E-11
Total phase (deg)	196.8	Apriori accel (us/s/s)	-3.92475295851E-06	Resid phase (deg)	-56.6	+/-	0.6

	RMS	Theor.						
			Amplitude	5.452 +/- 0.027	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	26.9	1.4	Search (2048X32)	5.297	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	11.5	2.4	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	7.6	0.8	Inc. seg. avg.	6.043	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	2.7	1.4	Inc. frq. avg.	5.442	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

g: az 189.9 el 15.2 pa 2.6 P: az 262.3 el 13.2 pa 52.3 u,v (fr/asec) -6509.366 3275.090 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_ML006B/1234/No0220/gP..0D6G21 Output file: /Exps/c181a/v2_ML006B/1234/No0220/gP.W.19.0D6G21