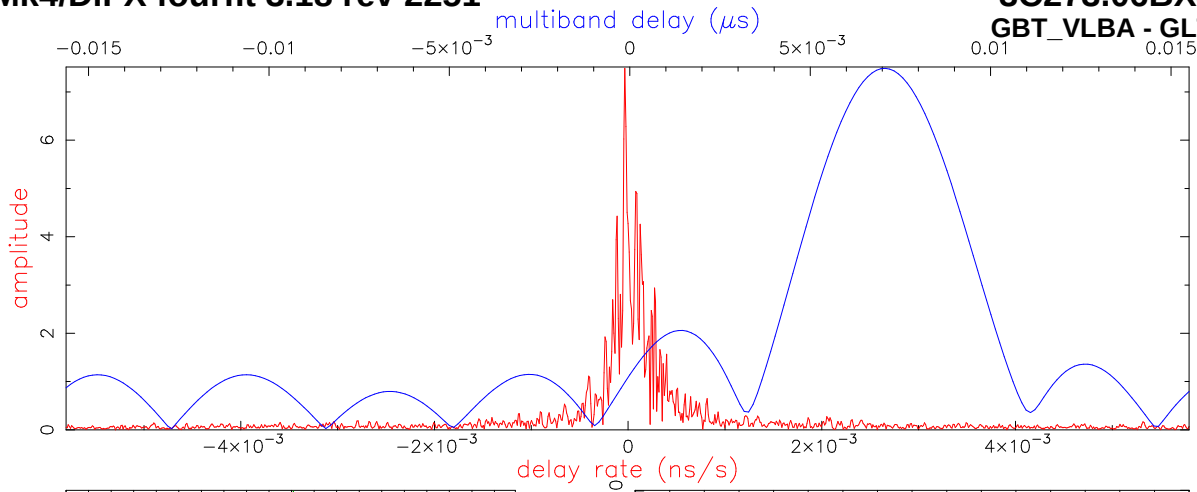
Mk4/DiFX fourfit 3.18 rev 2251

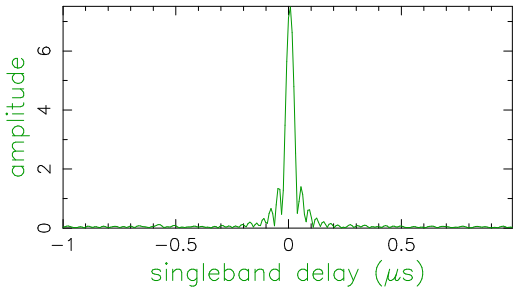
3C273.06BX48, No0225, Gg

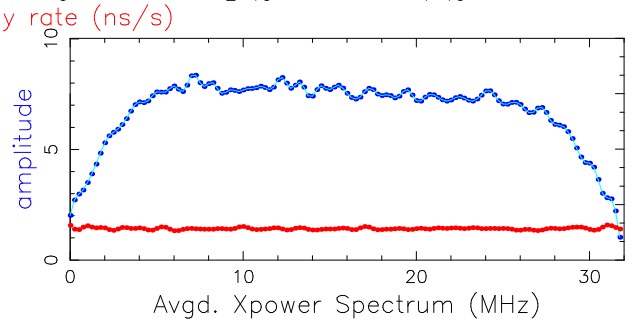
GBT_VLBA - GLT, fgroup W, pol LR



Fringe quality 5

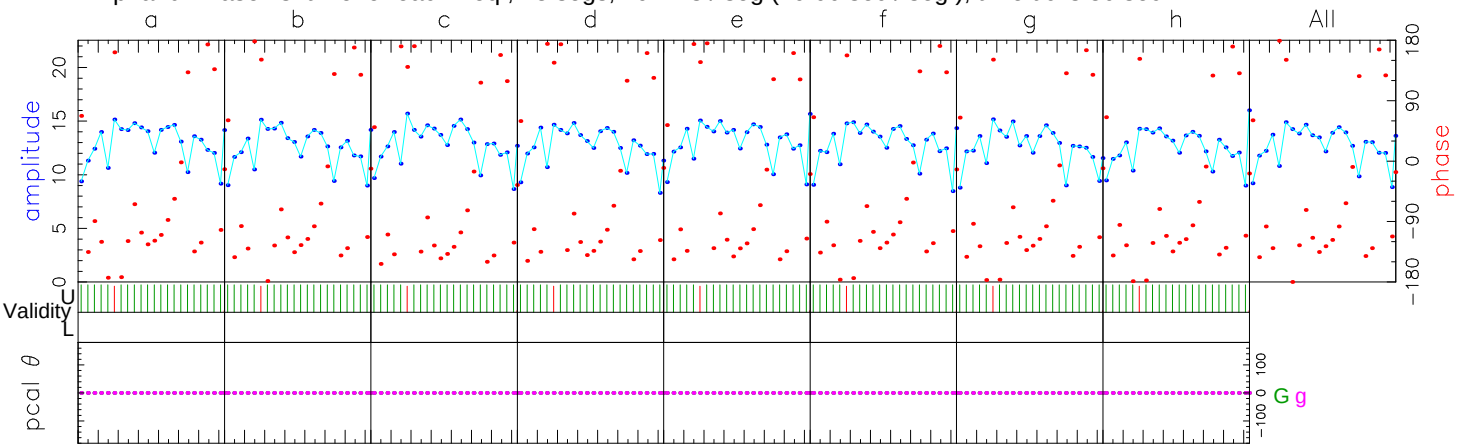
SNR 297.1
Int time 417.936
Amp 7.517
Phase -133.8
PFD 0.0e+00
Delays (us)
SBD 0.006187
MBD 0.007056
Fringe rate (Hz)
-0.003232
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 1.000





Exp. c181a
Exper # 16383
Yr:day 2018:104
Start 051500.00
Stop 052159.00
FRT 051830.00
Corr/FF/build
2018:180:173223
2018:180:173557
2018:095:094034
RA & Dec (J2000)
12h29m 6.6997s
+2°03' 8.598"

Amp. and Phase vs. time for each freq., 23 segs, 19 APs / seg (19.00 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
	-124.9	-133.1	-143.7	-139.1	-138.1	-127.8	-131.8	-131.8	Phase	-133.8
	7.6	7.4	7.6	7.5	7.7	7.6	7.4	7.4	Ampl.	7.5
	129.6	129.8	129.8	129.8	130.0	129.9	129.8	129.7	Sbd box	129.8
U/L	419/0	419/0	419/0	419/0	419/0	419/0	419/0	419/0	APs used	
G	0	0	0	0	0	0	0	0	PC freqs	
g	0	0	0	0	0	0	0	0	PC freqs	
G:g	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
G:g	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	
g	1000	1000	1000	1000	1000	1000	1000	1000		
G	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
									Tracks	
g	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	1.13869116977E+04	Apriori delay (usec)	1.13869046419E+04	Resid mbdelay (usec)	7.05581E-03	+/-	7.3E-06
Sband delay (usec)	1.13869108284E+04	Apriori clock (usec)	-2.6340187E+01	Resid sbdelay (usec)	6.18650E-03	+/-	5.8E-05
Phase delay (usec)	1.13869046376E+04	Apriori clockrate (us/s)	-6.4997435E-06	Resid phdelay (usec)	-4.31443E-06	+/-	1.2E-08
Delay rate (us/s)	-1.49339739299E-01	Apriori rate (us/s)	-1.49339701780E-01	Resid rate (us/s)	-3.75189E-08	+/-	5.1E-11
Total phase (deg)	174.3	Apriori accel (us/s/s)	-6.20407891022E-05	Resid phase (deg)	-133.8	+/-	0.4

	RMS	Theor.						
			Amplitude	7.517 +/- 0.025	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	63.9	0.9	Search (1024X32)	7.306	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	72.0	1.6	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	6.7	0.5	Inc. seg. avg.	12.663	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.006 0.006
amp/frq (%)	1.3	1.0	Inc. frq. avg.	7.528	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

G: az 202.0 el 51.5 pa 17.7 g: az 205.4 el 14.2 pa 6.0 u,v (fr/asec) 759.030 -3281.792 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v0/1234/No0225/Gg..06BX48 Output file: /Exps/c181a/v0/1234/No0225/Gg.W.3.06BX48