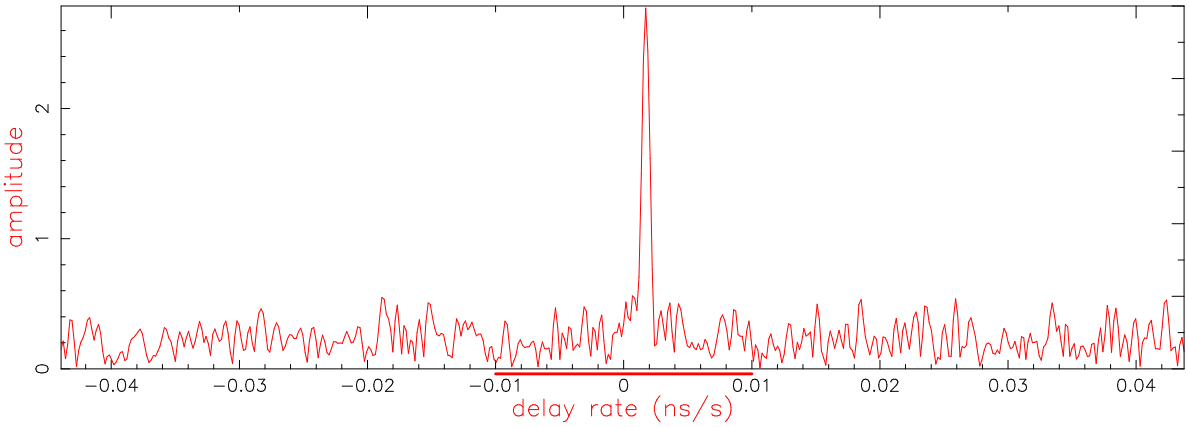
Mk4/DiFX fourfit 3.17 rev 2160

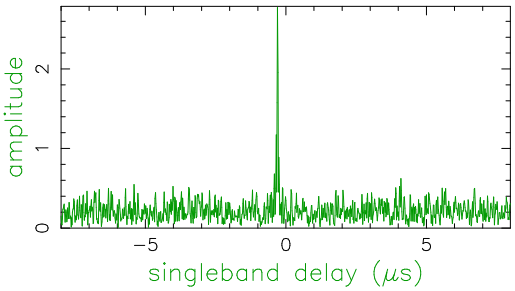
0716+714.0HC1LN, No0006, Gt

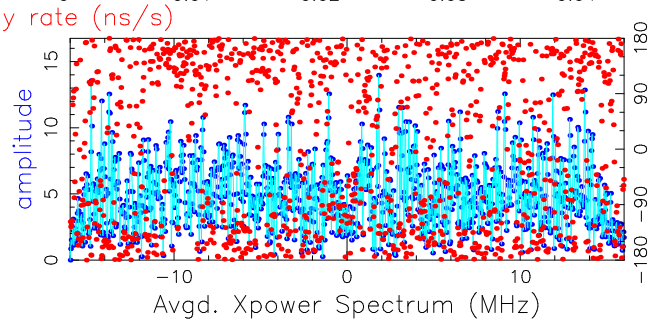
GBT_VLBA - GBTS, fgroup K, pol LL



Fringe quality 9

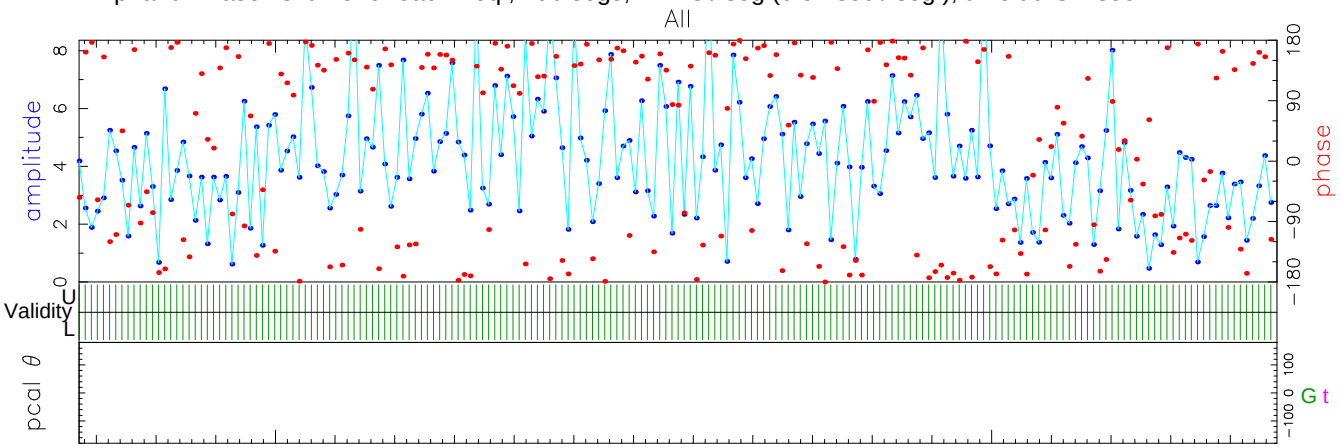
SNR 16.2
Int time 100.352
Amp 2.788
Phase 173.8
PFD 0.0e+00
Delays (us)
SBD -0.295157
MBD -0.000027
Fringe rate (Hz)
0.037994
Ion TEC 0.000
Ref freq (MHz)
22236.0000
AP (sec) 0.512





Exp. rk18cj
Exper # 16383
Yr:day 2017:292
Start 091043.55
Stop 091223.90
FRT 090729.00
Corr/FF/build
2019:029:152024
2019:029:160618
2018:190:101608
RA & Dec (J2000)
07h21m53.4485s
+71˚20'36.363"

Amp. and Phase vs. time for each freq., 196 segs, 1 APs / seg (0.51 sec / seg.), time ticks 1 sec



	22236.00	Freq (MHz)
	173.8	Phase
	2.8	Ampl.
	494.1	Sbd box
U/L	196/196	APs used
G	0	PC freqs
t	0	PC freqs
G:t	0:0	PC phase
G:t	0:0	Manl PC
G	1000	PC amp
t	1000	
G	K00UL,K00LL	Chan ids
t	K00UL,K00LL	Chan ids

Group delay (usec)(sbd)	6.03176143605E+04	Apriori delay (usec)	6.03179095398E+04	Resid mbdelay (usec)	-2.73260E-05	+/-	2.1E-03
Sband delay (usec)	6.03176143828E+04	Apriori clock (usec)	-1.4498658E-02	Resid sbdelay (usec)	-2.95157E-01	+/-	1.1E-03
Phase delay (usec)	6.03179095615E+04	Apriori clockrate (us/s)	-3.2291000E-05	Resid phdelay (usec)	2.17167E-05	+/-	4.4E-07
Delay rate (us/s)	-1.81090998238E+00	Apriori rate (us/s)	-1.81091169105E+00	Resid rate (us/s)	1.70867E-06	+/-	1.5E-08
Total phase (deg)	3.8	Apriori accel (us/s/s)	1.16984602356E-05	Resid phase (deg)	173.8	+/-	3.5

	RMS	Theor.	Amplitude	2.788 +/- 0.172	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	65.6	49.4	Search (512X8)	2.773	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000
amp/seg (%)	91.9	86.3	Interp.	0.000	Bits/sample: 2x1 SampCntNorm: disabled	mb window (us)	-0.000	0.000
ph/frq (deg)	0.0	3.5	Inc. seg. avg.	3.116	Sample rate(MSamp/s): 32	dr window (ns/s)	-0.010	0.010
amp/frq (%)	0.5	6.2	Inc. frq. avg.	2.769	Data rate(Mb/s): 91 nlags: 512 t_cohere infinite	ion window (TEC)	0.00	0.00

G: az 14.8 el 54.2 pa -141.8 t: az 0.0 el 90.0 pa -180.0 u,v (fr/asec) -833.124 -1057.382 simultaneous interpolator

Control file: cf_1234 Input file: /Exps2/rk18cj/v4/1234/No0006/Gt..0HC1LN Output file: Suppressed by test mode