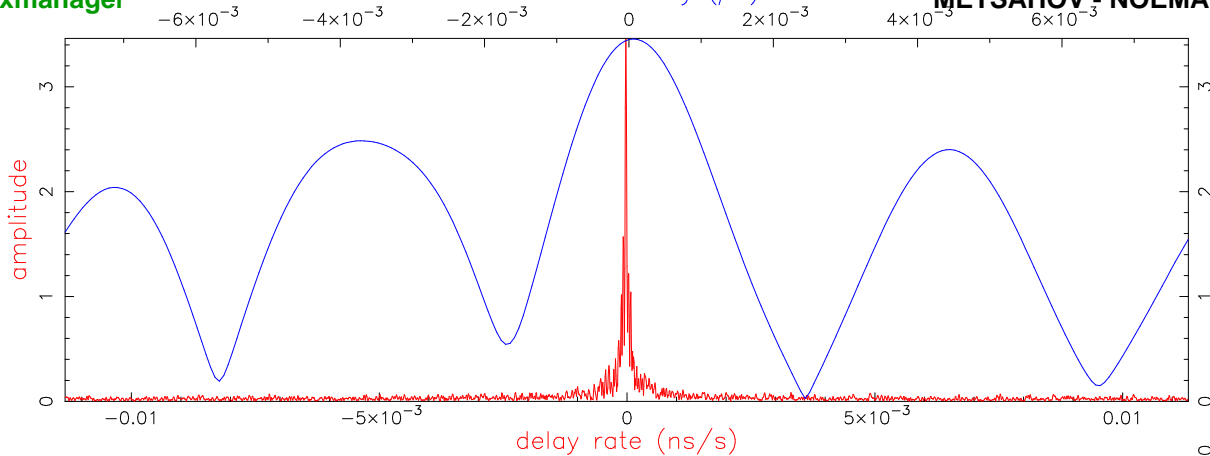


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

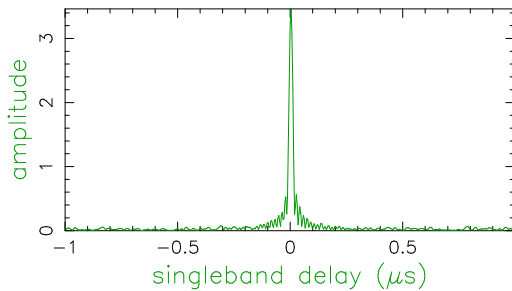
OJ287.20HLTV, No0020, ZN

METSAHOV - NOEMA, fgroup W, pol RR

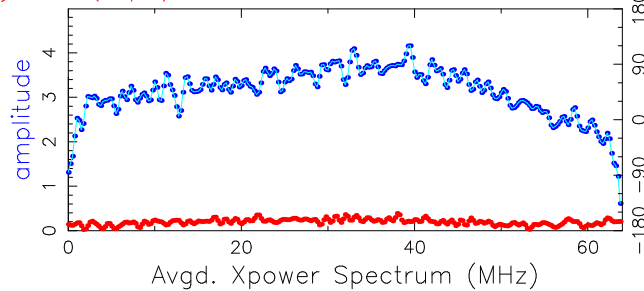
multiband delay (μ s)

Fringe quality 2

SNR 190.8
Int time 406.047
Amp 3.462
Phase -127.2
PFD 0.0e+00
Delays (us)
SBD 0.003368
MBD 0.000055
Fringe rate (Hz)
-0.002109
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

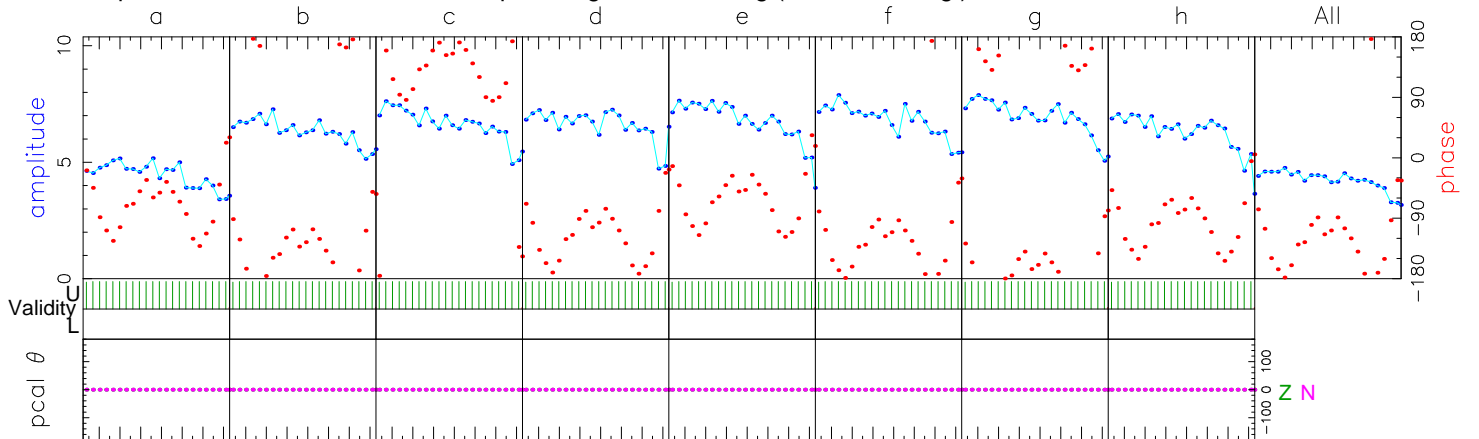


delay rate (ns/s)



Exp. mg006b
Yr:day 16383
Yr:day 2021:115
Start 174513.31
Stop 175159.84
FRT 174830.00
Corr/FF/build
2022:005:201456
2022:006:102337
2021:252:122852
RA & Dec (J2000)
08h54m48.874928s
+20°06'30.640850"

Amp. and Phase vs. time for each freq., 23 segs, 36 APs / seg (18.43 sec / seg.), time ticks 30 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	-70.8	-143.7	135.3	-116.5	-63.6	-129.9	-177.9	-97.7	Phase	-127.2
Z	3.6	5.2	5.4	5.3	5.5	5.6	5.7	5.2	Ampl.	5.2
N	256.0	257.5	258.0	258.3	258.4	258.2	258.1	257.3	Sbd box	257.9
Z:N	794/0	794/0	794/0	794/0	794/0	794/0	794/0	794/0	APs used	
Z:N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
Z:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Mani PC	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
N	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	
									Chan ids	
									Tracks	

Group delay (usec)(sbd)	-3.17716808646E+03	Apriori delay (usec)	-3.17716814142E+03	Resid mbdelay (usec)	5.49630E-05	+/-	5.7E-06
Sband delay (usec)	-3.17716477317E+03	Apriori clock (usec)	1.2632528E+01	Resid sbdelay (usec)	3.36825E-03	+/-	4.5E-05
Phase delay (usec)	-3.17716814552E+03	Apriori clockrate (us/s)	1.4600001E-07	Resid phdelay (usec)	-4.10302E-06	+/-	1.9E-08
Delay rate (us/s)	-2.71283621344E-01	Apriori rate (us/s)	-2.71283596864E-01	Resid rate (us/s)	-2.44800E-08	+/-	8.3E-11
Total phase (deg)	-20.0	Apriori accel (us/s/s)	2.33539584941E-05	Resid phase (deg)	-127.2	+/-	0.6

	RMS	Theor.	Amplitude	3.462 +/- 0.018	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	37.9	1.4	Search (2048X32)	3.416	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000	
amp/seg (%)	25.5	2.5	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.008	0.008	
ph/frq (deg)	58.5	0.8	Inc. seg. avg.	4.256	Sample rate(MSamp/s): 128	dr window (ns/s)	-0.011	0.011	
amp/frq (%)	53.2	1.5	Inc. frq. avg.	5.197	Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite	ion window (TEC)	0.00	0.00	

Z: az 194.9 el 49.1 pa 8.3 N: az 162.0 el 64.5 pa -12.7 u,v (fr/asec) 1688.607 2037.451 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/mg006b/v1/1234/No0020/ZN..20HLTV Output file: /Exps/mg006b/v1/1234/No0020/ZN.W.23.20HLTV