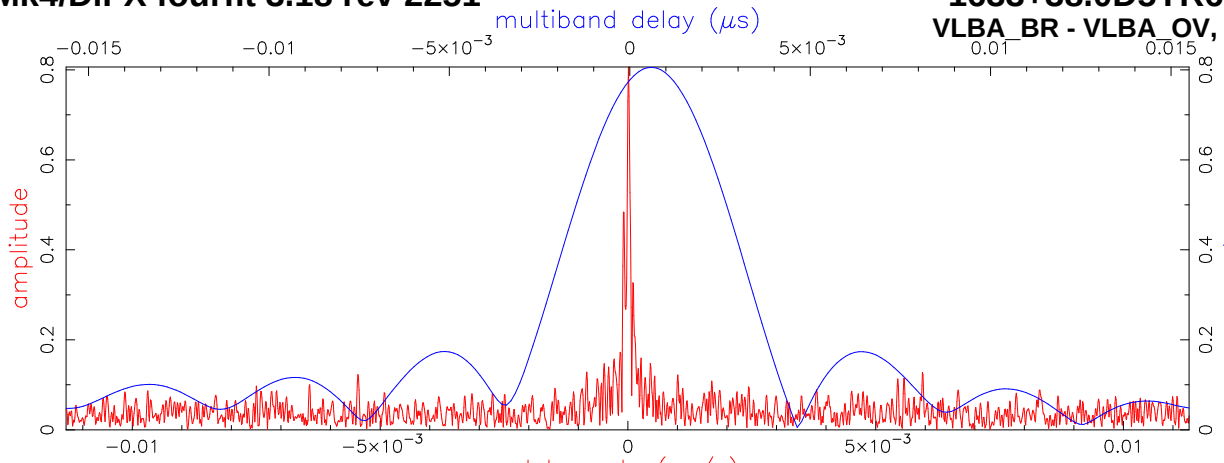
Mk4/DiFX fourfit 3.18 rev 2251

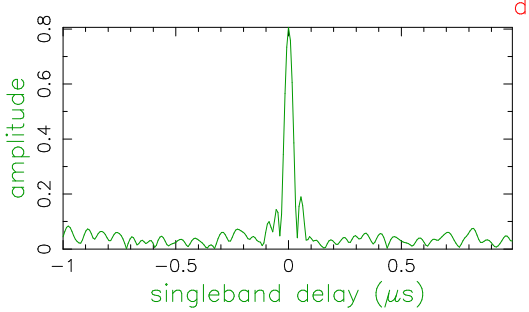
1633+38.0D5YR6, No0065, bo

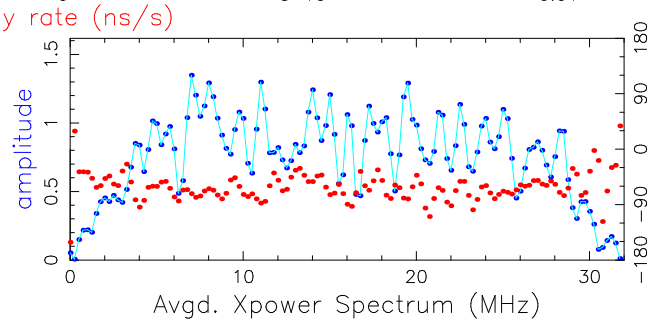
VLBA_BR - VLBA_OV, fgroup W, pol RR



Fringe quality 7

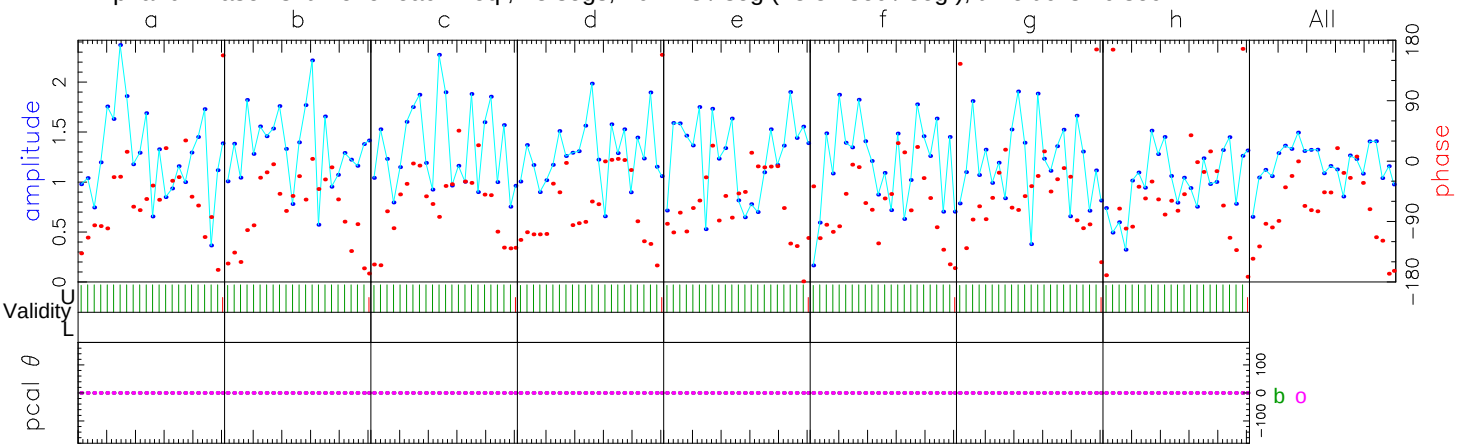
SNR 27.0
Int time 159.802
Amp 0.806
Phase -63.3
PFD 0.0e+00
Delays (us)
SBD 0.000833
MBD 0.000601
Fringe rate (Hz)
0.000558
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512





Exp. c181a
Exper # 16383
Yr:day 2018:103
Start 064500.00
Stop 065000.03
FRT 064730.00
Corr/FF/build
2018:303:183226
2018:313:172344
2018:249:082454
RA & Dec (J2000)
16h35m15.4930s
+38°08' 4.501"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.31 sec / seg.), time ticks 10 sec



	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
	-60.0	-65.5	-55.9	-73.3	-68.6	-60.7	-59.6	-63.0	Phase	-63.3
	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.6	Ampl.	0.8
	129.2	128.9	129.0	129.2	129.1	129.2	129.4	128.6	Sbd box	129.1
U/L	586/0	586/0	586/0	586/0	586/0	586/0	586/0	586/0	APs used	
b	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
o	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
b:o	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
b:o	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
b	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
o	1000	1000	1000	1000	1000	1000	1000	1000		
b	W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Chan ids	
									Tracks	
o	W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	6.19692809954E+02	Apriori delay (usec)	6.19692208734E+02	Resid mbdelay (usec)	6.01220E-04	+/-	8.0E-05
Sband delay (usec)	6.19693041734E+02	Apriori clock (usec)	-1.4675210E+01	Resid sbdelay (usec)	8.33000E-04	+/-	6.4E-04
Phase delay (usec)	6.19692206692E+02	Apriori clockrate (us/s)	-2.3656001E-07	Resid phdelay (usec)	-2.04135E-06	+/-	1.4E-07
Delay rate (us/s)	-1.32538603690E-01	Apriori rate (us/s)	-1.32538610167E-01	Resid rate (us/s)	6.47693E-09	+/-	1.5E-09
Total phase (deg)	246.4	Apriori accel (us/s/s)	6.34675947547E-06	Resid phase (deg)	-63.3	+/-	4.2

	RMS	Theor.							
			Amplitude	0.806 +/- 0.030	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	51.0	10.2	Search (2048X32)	0.782	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	52.4	17.8	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	6.1	6.0	Inc. seg. avg.	1.165	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	11.3	10.5	Inc. frq. avg.	0.805	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

b: az 76.3 el 42.1 pa -55.5 o: az 67.9 el 39.8 pa -69.6 u,v (fr/asec) 976.782 1353.294 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_C181A/1234/No0065/bo..0D5YR6 Output file: /Exps/c181a/v2_C181A/1234/No0065/bo.W.18.0D5YR6