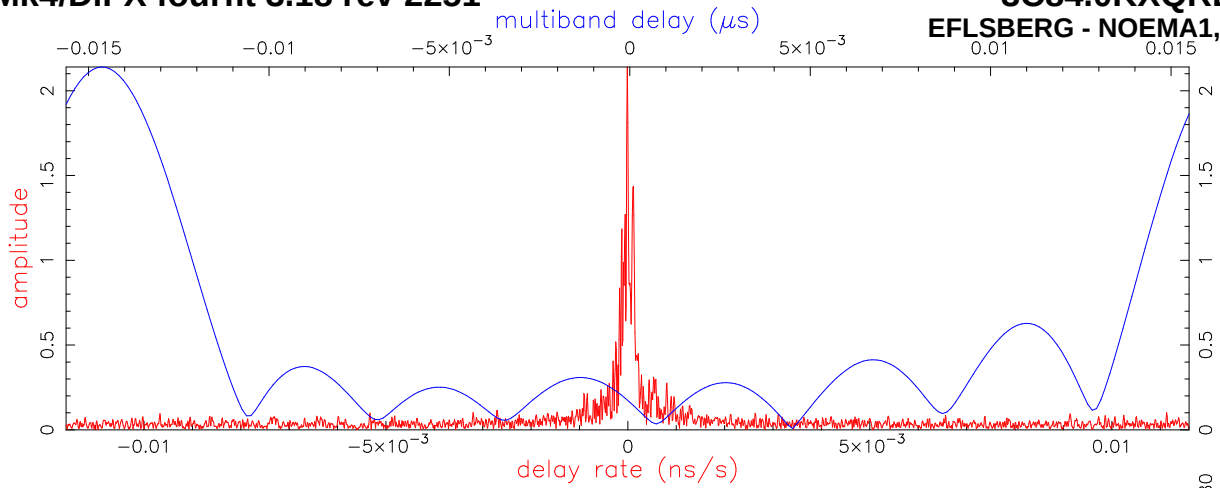
Mk4/DiFX fourfit 3.18 rev 2251

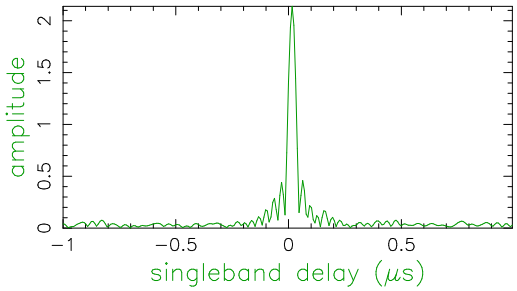
3C84.0KXQRL, No0002, BN

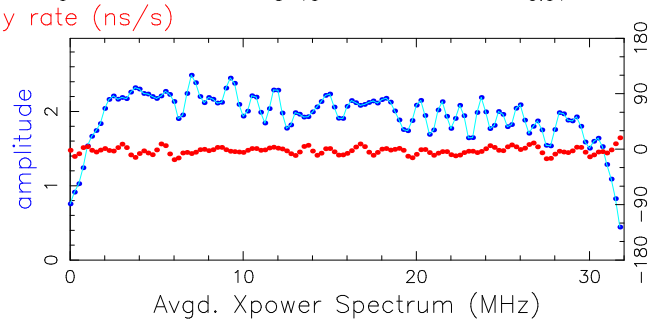
EFLSBERG - NOEMA1, fgroup W, pol LR



Fringe quality 5

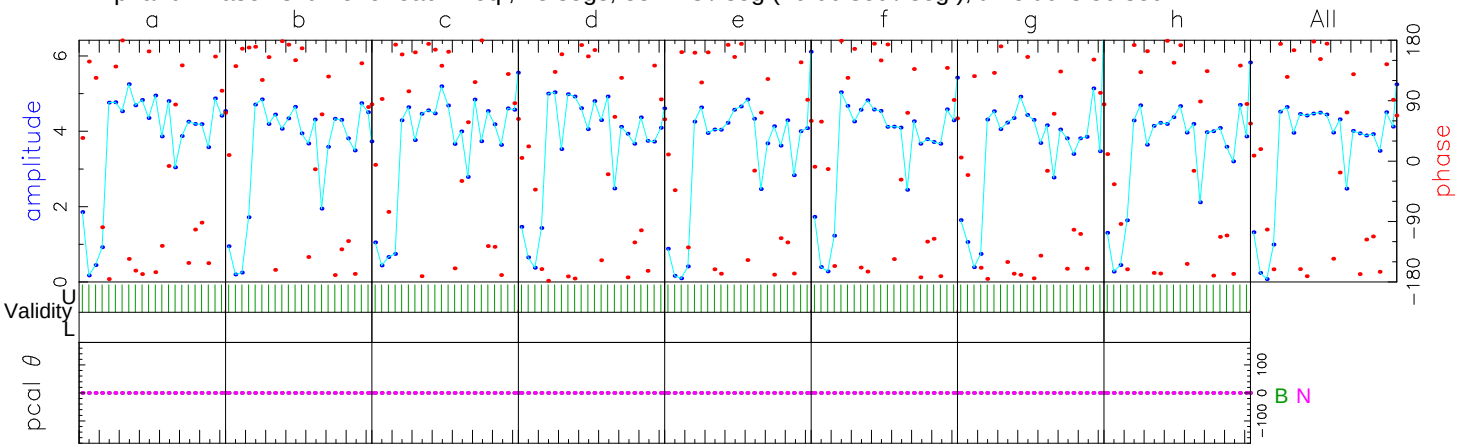
SNR	84.7
Int time	419.016
Amp	2.140
Phase	352.9
PFD	0.0e+00
Delays (us)	
SBD	0.015872
MBD	-0.014631
Fringe rate (Hz)	-0.000595
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.500





Exp.	f191b
Exper #	16383
Yr:day	2019:094
Start	134500.00
Stop	135159.50
FRT	134830.00
Corr/FF/build	2019:099:161453
	2019:099:161620
	2018:249:082454
RA & Dec (J2000)	03h19m48.1601s
	+41°30'42.104"

Amp. and Phase vs. time for each freq., 23 segs, 38 APs / seg (19.00 sec / seg.), time ticks 30 sec



									Freq (MHz)	All
	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00		
	-173.1	167.5	159.9	172.6	170.9	173.3	-180.0	172.6	Phase	172.9
	2.2	2.2	2.2	2.1	2.1	2.2	2.1	2.1	Ampl.	2.2
	131.0	130.9	131.1	131.1	131.1	131.2	131.0	130.9	Sbd box	131.0
U/L	839/0	839/0	839/0	839/0	839/0	839/0	839/0	839/0	APs used	
B	0	0	0	0	0	0	0	0	PC freqs	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:N	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	
N	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
									Tracks	
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	-1.97510641305E+02	Apriori delay (usec)	-1.97527260802E+02	Resid mbdelay (usec)	-1.46305E-02	+/-	2.6E-05
Sband delay (usec)	-1.97511388802E+02	Apriori clock (usec)	2.1640005E+01	Resid sbdelay (usec)	1.58720E-02	+/-	2.0E-04
Phase delay (usec)	-1.97527255226E+02	Apriori clockrate (us/s)	4.5199999E-09	Resid phdelay (usec)	5.57616E-06	+/-	4.4E-08
Delay rate (us/s)	-1.97098355806E-02	Apriori rate (us/s)	-1.97098286682E-02	Resid rate (us/s)	-6.91244E-09	+/-	1.8E-10
Total phase (deg)	264.5	Apriori accel (us/s/s)	6.34585550410E-06	Resid phase (deg)	352.9	+/-	1.4

	RMS	Theor.							
			Amplitude	2.140 +/- 0.025	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	75.3	3.2	Search (2048X32)	2.080	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	91.8	5.7	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	8.7	1.9	Inc. seg. avg.	3.487	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.012	0.012
amp/frq (%)	3.1	3.3	Inc. frq. avg.	2.157	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

B: az 157.9 el 80.5 pa -18.5 N: az 124.0 el 84.8 pa -51.9 u,v (fr/asec) 162.306 899.054 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps2/f191b/FRINGE/1234/No0002//BN..0KXQRL Output file: /Exps2/f191b/FRINGE/1234/No0002//BN.W.18.0KXQRL