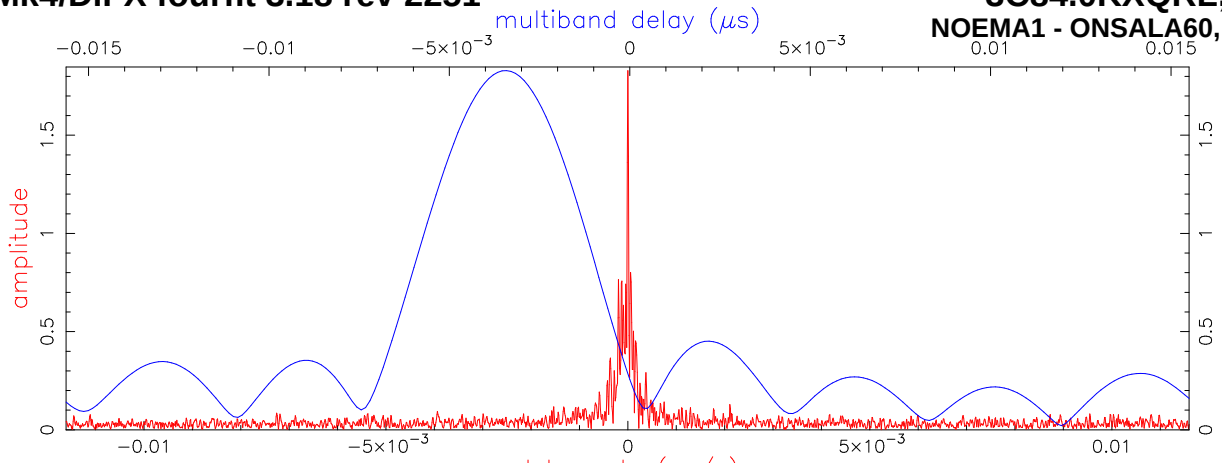
Mk4/DiFX fourfit 3.18 rev 2251

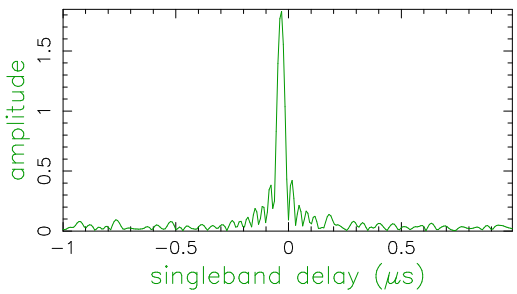
3C84.0KXQRL, No0002, NX

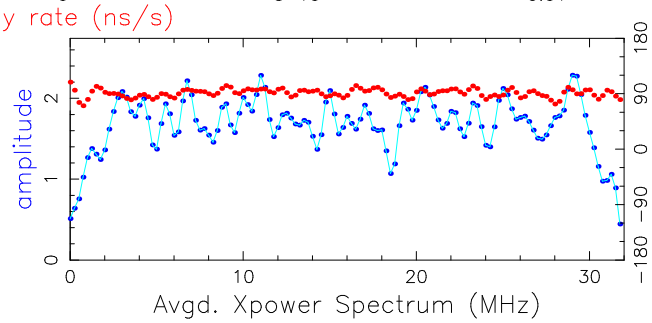
NOEMA1 - ONSALA60, fgroup W, pol RL



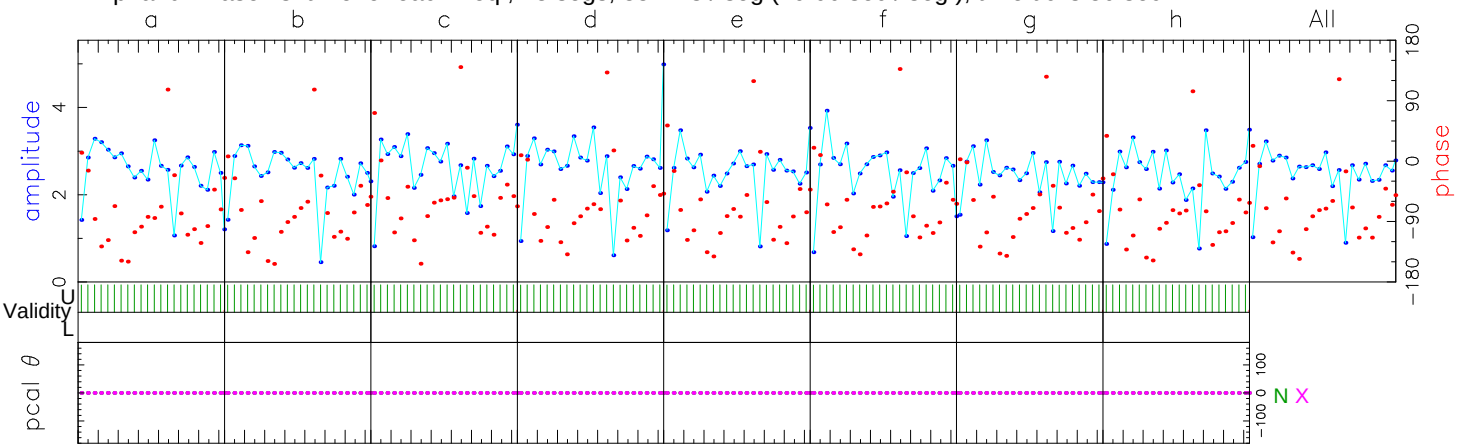
Fringe quality 5

SNR	73.1
Int time	419.019
Amp	1.848
Phase	-263.4
PFD	0.0e+00
Delays (us)	
SBD	-0.033778
MBD	-0.003430
Fringe rate (Hz)	0.000222
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 2019:099:161619 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		
	-91.4	-88.5	-67.9	-81.3	-84.2	-79.4	-84.4	-91.0	Phase	-83.4
	1.9	1.8	1.9	1.9	1.8	1.9	1.8	1.8	Ampl.	1.8
	124.7	124.6	124.7	124.5	124.5	125.0	124.6	124.9	Sbd box	124.7
U/L	839/0	839/0	839/0	839/0	839/0	839/0	839/0	839/0	APs used	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X	0	0	0	0	0	0	0	0	PC freqs	
N:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
N:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
X	1000	1000	1000	1000	1000	1000	1000	1000		
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	
X	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
									Tracks	

Group delay (usec)(sbd)	7.21928477816E+02	Apriori delay (usec)	7.21963157816E+02	Resid mbdelay (usec)	-3.43000E-03	+/-	3.0E-05
Sband delay (usec)	7.21929379316E+02	Apriori clock (usec)	-2.6845808E+01	Resid sbdelay (usec)	-3.37785E-02	+/-	2.4E-04
Phase delay (usec)	7.21963155125E+02	Apriori clockrate (us/s)	-7.2852000E-07	Resid phdelay (usec)	-2.69101E-06	+/-	5.1E-08
Delay rate (us/s)	8.20357130508E-02	Apriori rate (us/s)	8.20357104787E-02	Resid rate (us/s)	2.57212E-09	+/-	2.1E-10
Total phase (deg)	-114.3	Apriori accel (us/s/s)	-1.44522596564E-05	Resid phase (deg)	-263.4	+/-	1.6

	RMS	Theor.							
			Amplitude	1.848 +/- 0.025	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	52.5	3.8	Search (2048X32)	1.762	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	45.0	6.6	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	8.3	2.2	Inc. seg. avg.	2.480	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.012	0.012
amp/frq (%)	3.2	3.9	Inc. frq. avg.	1.842	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

N: az 124.0 el 84.8 pa -51.9 X: az 180.7 el 74.2 pa 5.3 u,v (fr/asec) -654.235 -1926.811 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps2/f191b/FRINGE/1234/No0002//NX..0KXQRL Output file: /Exps2/f191b/FRINGE/1234/No0002//NX.W.16.0KXQRL