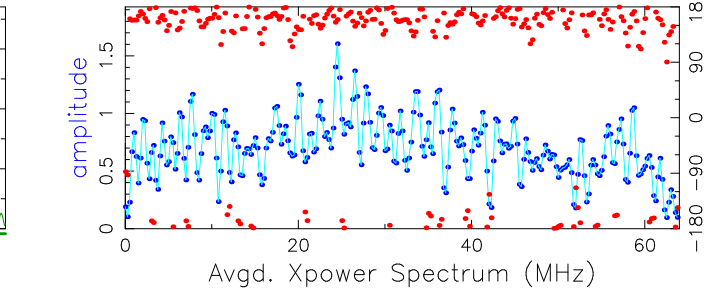
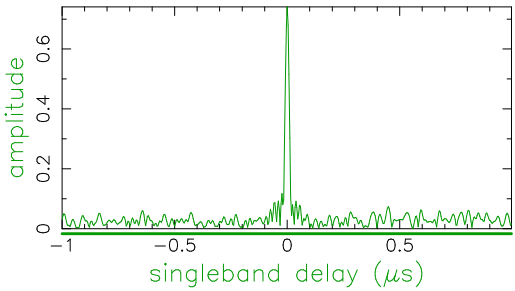


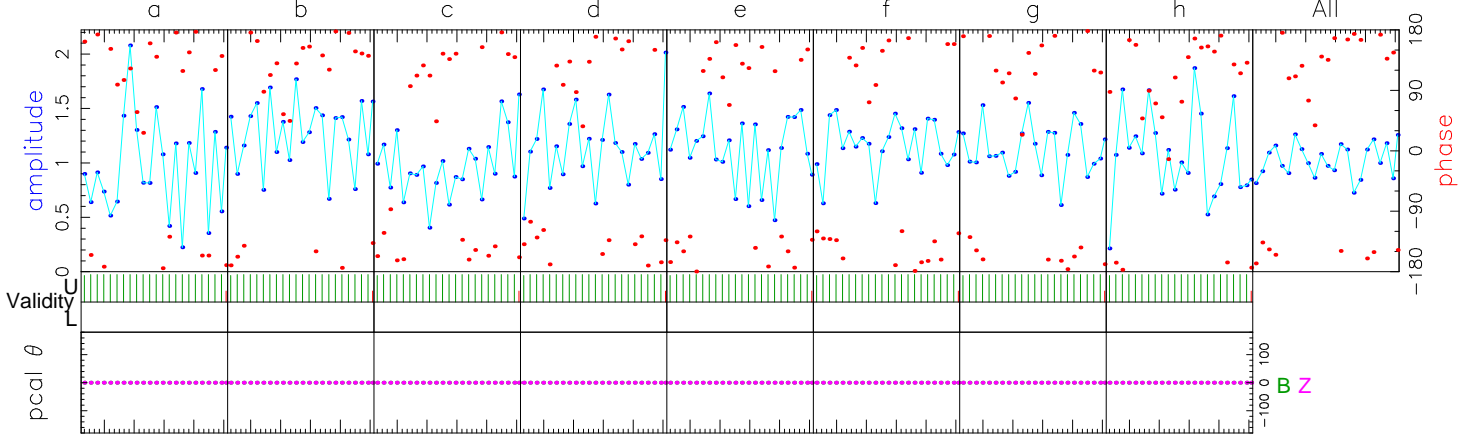
Fringe quality 6

SNR 34.3
Int time 286.218
Amp 0.741
Phase 164.8
PFD 0.0e+00
Delays (us)
SBD 0.000007
MBD -0.000059
Fringe rate (Hz)
0.033346
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512



Exp. f222a
Exper # 1234
Yr:day 2022:279
Start 123013.31
Stop 123500.03
FRT 123230.00
Corr/FF/build
2022:279:210923
2022:279:211809
2021:298:074129
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"

Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 sec / seg.), time ticks 10 sec

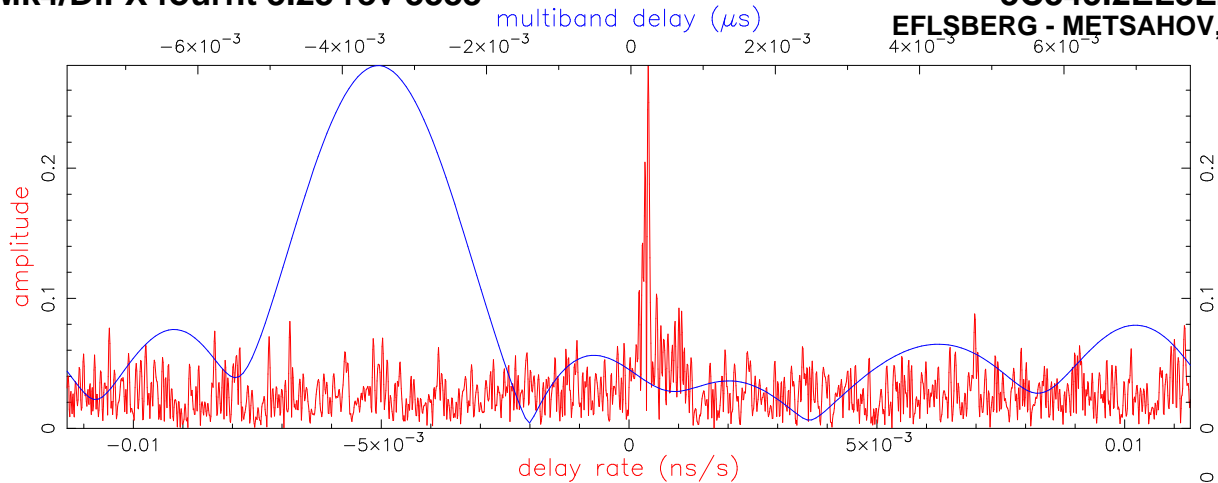


	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0		
B	1000	1000	1000	1000	1000	1000	1000	1000		
Z	1000	1000	1000	1000	1000	1000	1000	1000		
B:Z	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0		
B:Z	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0		
B	1000	1000	1000	1000	1000	1000	1000	1000		
Z	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL		Chan ids
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL		Tracks

Group delay (usec) (SBD)	-9.26216126306E+02	Apriori delay (usec)	-9.26216067703E+02	Resid mbdelay (usec)	-5.86024E-05	+/-	3.2E-05
Sband delay (usec)	-9.26216060453E+02	Apriori clock (usec)	-2.8137711E+01	Resid sbdelay (usec)	7.25000E-06	+/-	2.5E-04
Phase delay (usec)	-9.26216062387E+02	Apriori clockrate (us/s)	-3.6400001E-07	Resid phdelay (usec)	5.31578E-06	+/-	1.1E-07
Delay rate (us/s)	2.61568583115E-01	Apriori rate (us/s)	2.61568195996E-01	Resid rate (us/s)	3.87119E-07	+/-	6.5E-10
Total phase (deg)	138.9	Apriori accel (us/s/s)	-2.17119747144E-06	Resid phase (deg)	164.8	+/-	3.3

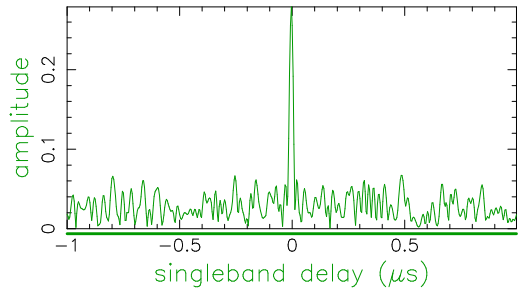
ph/seg (deg)	46.9	RMS	0.741 +/- 0.022	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	42.6	Theor.	0.733	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	18.4	Search (2048X32)	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
amp/frq (%)	13.5	Inc. seg. avg.	1.011	Data rate(MSamp/s):	128 MBpts 32 Amb 0.016 us	dr window (ns/s)	-0.011 0.011	
		Inc. frq. avg.	0.767	Data rate(Mb/s):	2048	nlags: 256 t_cohere infinite	ion window (TEC)	0.00 0.00

B: az 94.3 el 59.4 pa -55.6 Z: az 133.2 el 64.7 pa -27.7 u,v (fr/asec) -1953.484 -778.460 simultaneous interpolator
Control file: cf_1234_gmva Input file: /Exps/f222a/FRINGE/janw/1234/No0003/BZ..2EL3EZ Output file: /Exps/f222a/FRINGE/janw/1234/No0003/BZ.W.1.2EL3EZ

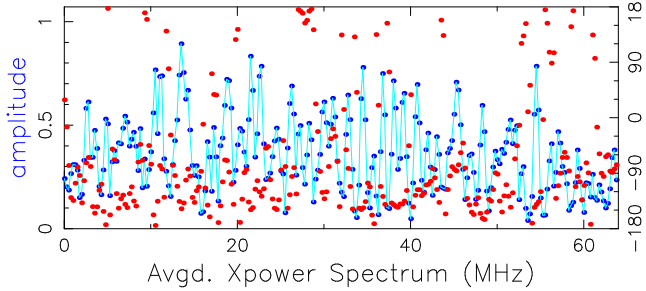


Fringe quality 9

SNR 12.9
Int time 286.218
Amp 0.279
Phase -124.3
PFD 2.3e-29
Delays (us)
SBD -0.003885
MBD -0.003502
Fringe rate (Hz)
0.033478
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

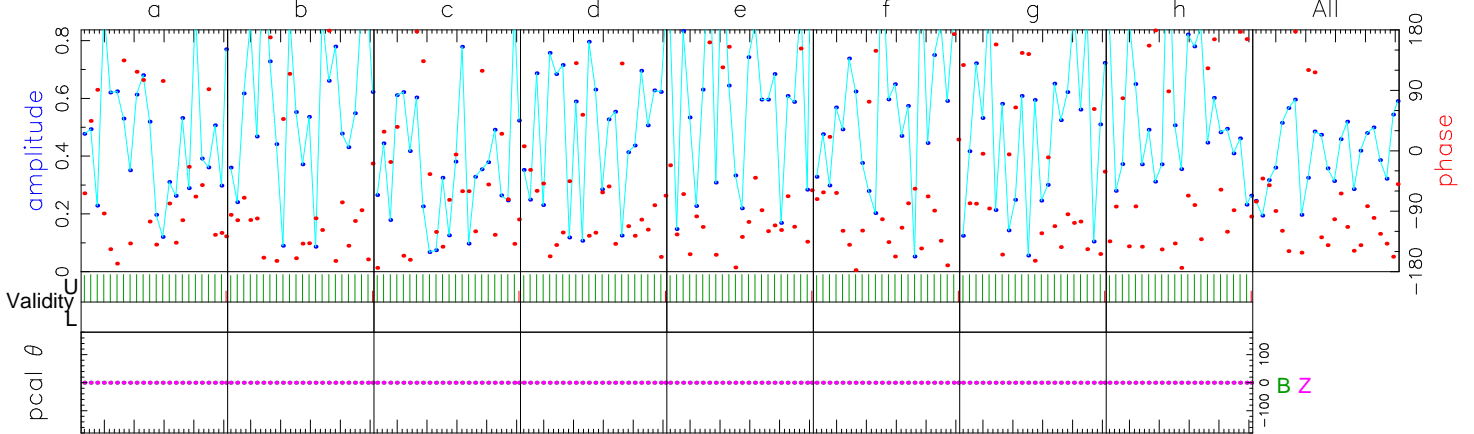


delay rate (ns/s)



Exp. f222a
Yr:day 1234
Exp# 2022:279
Yr:day 2022:279
Start 123013.31
Stop 123500.03
FRT 123230.00
Corr/FF/build
2022:279:210923
2022:279:211816
2021:298:074129
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"

Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 sec / seg.), time ticks 10 sec

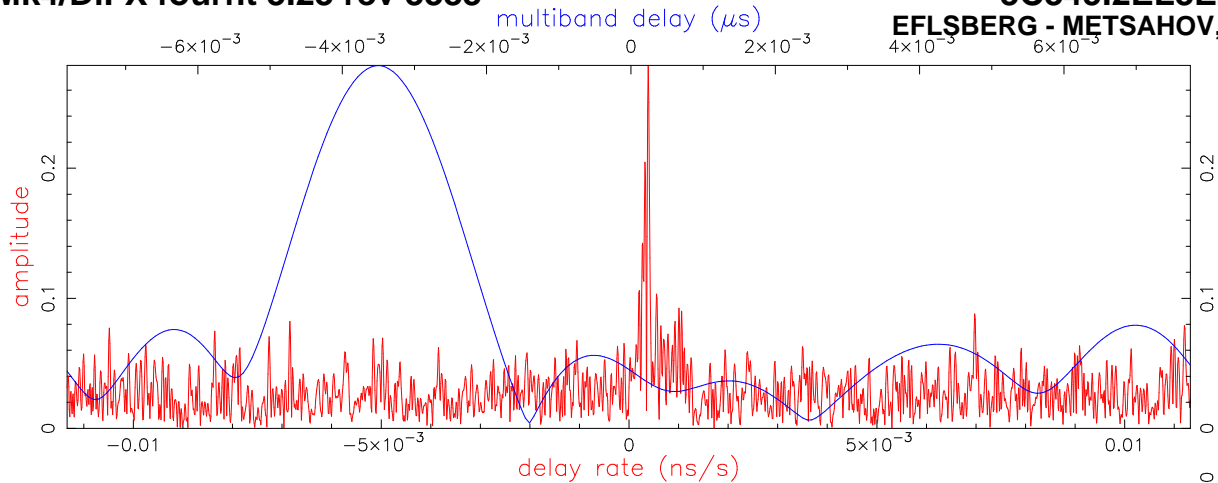


	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-122.9	-136.3	-113.4	-111.8	-123.8	-121.8	-115.3	-140.4	Phase	-124.3
	0.2	0.4	0.1	0.3	0.3	0.4	0.3	0.3	Ampl.	0.3
	197.5	255.4	194.0	256.4	256.7	255.9	255.4	253.3	Sbd box	256.0
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:Z	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:Z	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	
Z	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec) (SBD)	-9.26219569743E+02	Apriori delay (usec)	-9.26216067703E+02	Resid mbdelay (usec)	-3.50204E-03	+/-	8.4E-05
Sband delay (usec)	-9.26219952453E+02	Apriori clock (usec)	-2.8137711E+01	Resid sbdelay (usec)	-3.88475E-03	+/-	6.7E-04
Phase delay (usec)	-9.26216071711E+02	Apriori clockrate (us/s)	-3.6400001E-07	Resid phdelay (usec)	-4.00820E-06	+/-	2.9E-07
Delay rate (us/s)	2.61568584648E-01	Apriori rate (us/s)	2.61568195996E-01	Resid rate (us/s)	3.88652E-07	+/-	1.7E-09
Total phase (deg)	-150.2	Apriori accel (us/s/s)	-2.17119747144E-06	Resid phase (deg)	-124.3	+/-	8.9

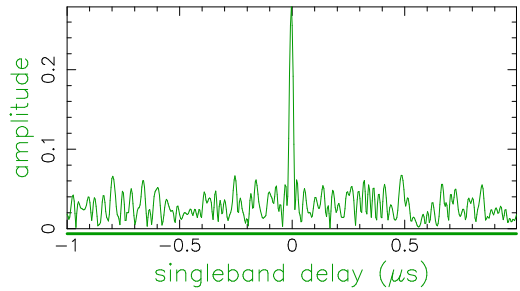
ph/seg (deg)	51.5	Theor.	21.3	Amplitude	0.279 +/- 0.022	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	62.2	Search (2048X32)	0.275	Search	0.000	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	11.3	Inc. seg. avg.	0.380	Inc. seg. avg.	0.380	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
amp/frq (%)	32.4	Inc. frq. avg.	0.277	Inc. frq. avg.	0.277	Data rate(MSamp/s):	128 MBpts 32 Amb 0.016 us	dr window (ns/s)	-0.011 0.011	
						Data rate(Mb/s):	2048	nlags: 256 t_cohere infinite	ion window (TEC)	0.00 0.00

B: az 94.3 el 59.4 pa -55.6 Z: az 133.2 el 64.7 pa -27.7 u,v (fr/asec) -1953.484 -778.460 simultaneous interpolator
Control file: cf_1234_gmva Input file: /Exps/f222a/FRINGE/janw/1234/No0003/BZ..2EL3EZ Output file: /Exps/f222a/FRINGE/janw/1234/No0003/BZ.W.4.2EL3EZ

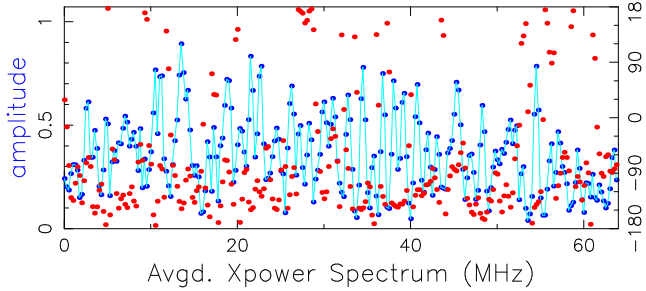


Fringe quality 9

SNR 12.9
Int time 286.218
Amp 0.279
Phase -124.3
PFD 2.3e-29
Delays (us)
SBD -0.003885
MBD -0.003502
Fringe rate (Hz)
0.033478
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

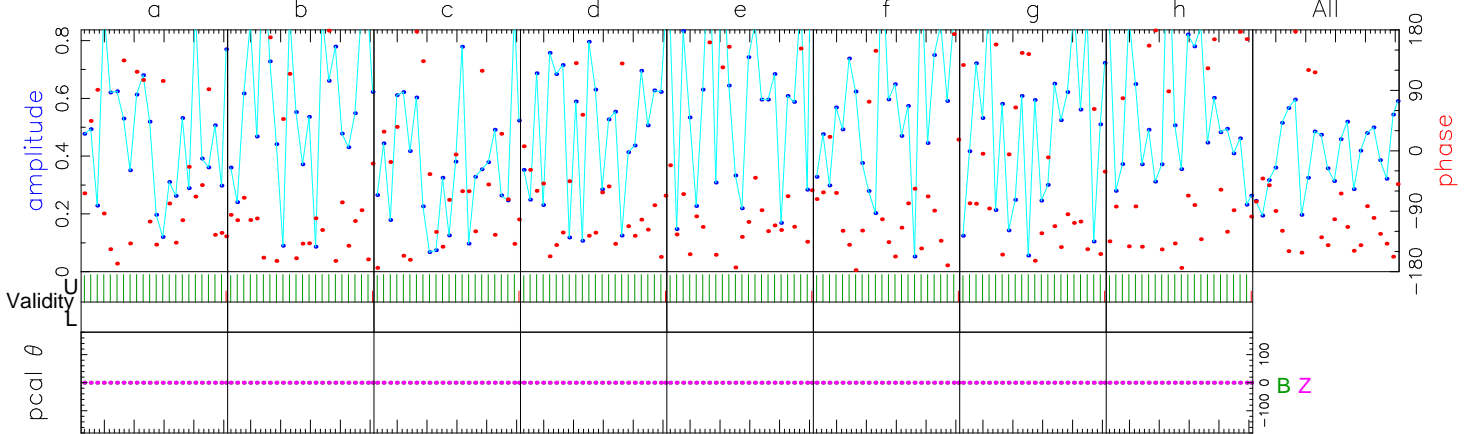


delay rate (ns/s)



Exp. f222a
Yr:day 1234
Exp# 2022:279
Yr:day 2022:279
Start 123013.31
Stop 123500.03
FRT 123230.00
Corr/FF/build
2022:279:210923
2022:279:211816
2021:298:074129
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"

Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 sec / seg.), time ticks 10 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-122.9	-136.3	-113.4	-111.8	-123.8	-121.8	-115.3	-140.4	Phase	-124.3
	0.2	0.4	0.1	0.3	0.3	0.4	0.3	0.3	Ampl.	0.3
	197.5	255.4	194.0	256.4	256.7	255.9	255.4	253.3	Sbd box	256.0
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:Z	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:Z	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	
Z	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec) (SBD)	-9.26219569743E+02	Apriori delay (usec)	-9.26216067703E+02	Resid mbdelay (usec)	-3.50204E-03	+/-	8.4E-05
Sband delay (usec)	-9.26219952453E+02	Apriori clock (usec)	-2.8137711E+01	Resid sbdelay (usec)	-3.88475E-03	+/-	6.7E-04
Phase delay (usec)	-9.26216071711E+02	Apriori clockrate (us/s)	-3.6400001E-07	Resid phdelay (usec)	-4.00820E-06	+/-	2.9E-07
Delay rate (us/s)	2.61568584648E-01	Apriori rate (us/s)	2.61568195996E-01	Resid rate (us/s)	3.88652E-07	+/-	1.7E-09
Total phase (deg)	-150.2	Apriori accel (us/s/s)	-2.17119747144E-06	Resid phase (deg)	-124.3	+/-	8.9

ph/seg (deg)	51.5	Theor.	21.3	Amplitude	0.279 +/- 0.022	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-1.000	1.000
amp/seg (%)	62.2	Search (2048X32)	0.275	Search	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	SampCntNorm: enabled	mb window (us)	-0.008	0.008
ph/frq (deg)	11.3	Inc. seg. avg.	0.380	Inc. seg. avg.	0.380	Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us	nlags: 256 t_cohere infinite	dr window (ns/s)	-0.011	0.011
amp/frq (%)	32.4	Inc. frq. avg.	0.277	Inc. frq. avg.	0.277	Data rate(Mb/s): 2048		ion window (TEC)	0.00	0.00

B: az 94.3 el 59.4 pa -55.6 Z: az 133.2 el 64.7 pa -27.7 u,v (fr/asec) -1953.484 -778.460 simultaneous interpolator
Control file: cf_1234_gmva Input file: /Exps/f222a/FRINGE/janw/1234/No0003/BZ..2EL3EZ Output file: /Exps/f222a/FRINGE/janw/1234/No0003/BZ.W.4.2EL3EZ