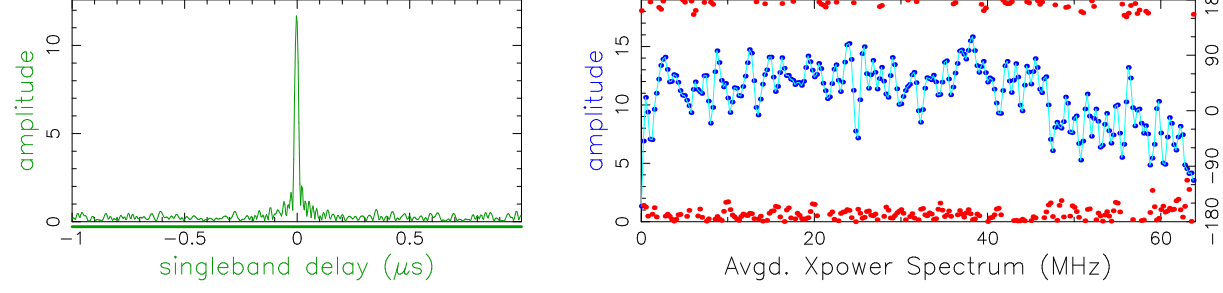


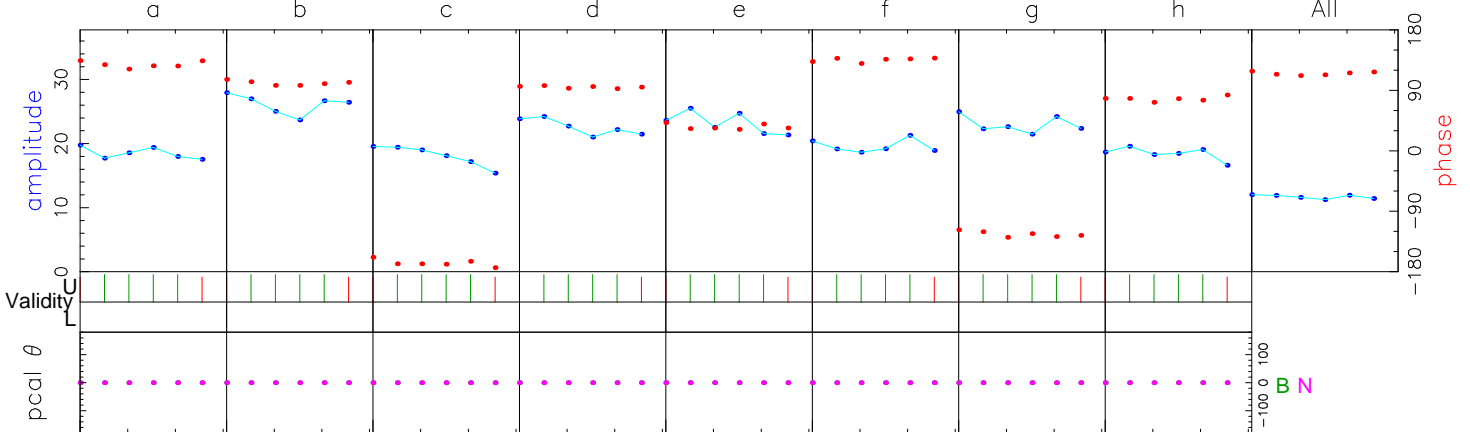
Fringe quality 5

SNR 55.6
Int time 2.976
Amp 12.586
Phase 115.0
PFD 0.0e+00
Delays (us)
SBD -0.002662
MBD 0.003512
Fringe rate (Hz) 0.387359
Ion TEC 0.000
Ref freq (MHz) 86140.0000
AP (sec) 0.512

Exp. f222a
Exper # 1234
Yr:day 2022:279
Start 120000.00
Stop 120003.07
FRT 120230.00
Corr/FF/build
2022:280:070557
2022:280:070601
2021:298:074129
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"



Amp. and Phase vs. time for each freq., 6 segs, 1 APs / seg (0.51 sec / seg.), time ticks 1 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	6/0	6/0	6/0	6/0	6/0	6/0	6/0	6/0		
B	1000	1000	1000	1000	1000	1000	1000	1000	APs used	
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	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec) (SBD)	2.46157593685E+02	Apriori delay (usec)		2.46154081447E+02	Resid mbdelay (usec)		3.51224E-03	+/- 2.0E-05	
Sband delay (usec)	2.46151419197E+02	Apriori clock (usec)		-1.5422028E+01	Resid sbdelay (usec)		-2.66225E-03	+/- 1.5E-04	
Phase delay (usec)	2.46154085156E+02	Apriori clockrate (us/s)		-1.8100002E-07	Resid phdelay (usec)		3.70889E-06	+/- 6.6E-08	
Delay rate (us/s)	-7.72274364571E-02	Apriori rate (us/s)		-7.72319333152E-02	Resid rate (us/s)		4.49686E-06	+/- 3.7E-08	
Total phase (deg)	322.3		Apriori accel (us/s/s)		3.60312090172E-06	Resid phase (deg)		115.0	+/- 2.1

ph/seg (deg) 2.4 2.5
amp/seg (%) 2.5 4.4
ph/frq (deg) 70.4 2.9
amp/frq (%) 82.9 5.1

RMS Theor. Amplitude 12.586 +/- 0.226
Search (16X32) 11.502
Interp. 0.000
Inc. seg. avg. 12.473
Inc. frq. avg. 22.569

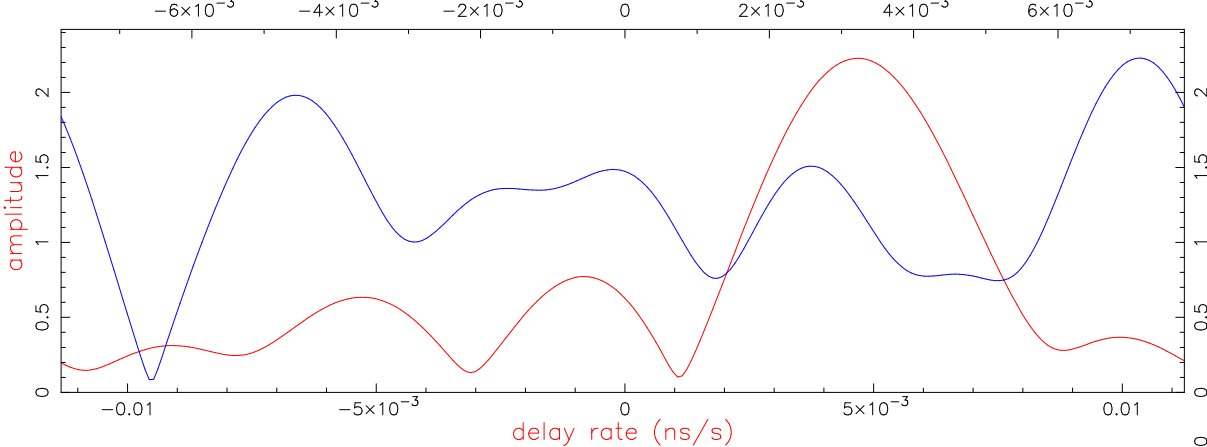
pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us
Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite

sb window (us) -1.000 1.000
mb window (us) -0.008 0.008
dr window (ns/s) -0.011 0.011
ion window (TEC) 0.00 0.00

B: az 88.3 el 54.6 pa -55.8 N: az 79.6 el 53.3 pa -65.8 u,v (fr/asec) 581.366 701.159 simultaneous interpolator

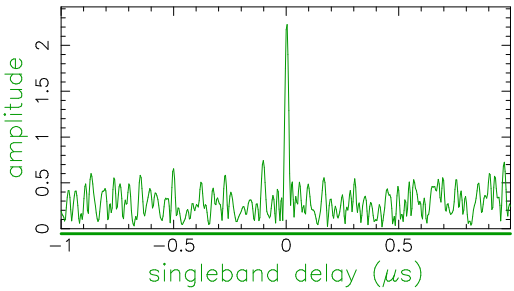
Control file: cf_1234_gmva Input file: /Exps/f222a/FRINGE/janw/1234/No0001/BN..2ELUMU Output file: /Exps/f222a/FRINGE/janw/1234/No0001/BN.W.9.2ELUMU

multiband delay (μ s)

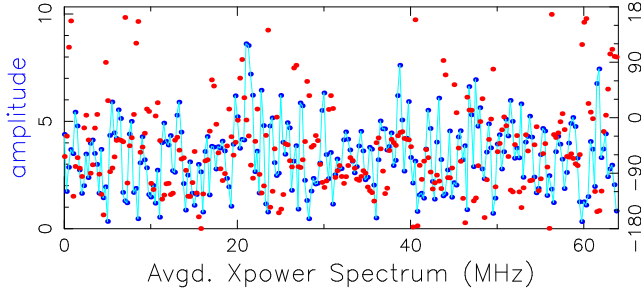


Fringe quality 9

SNR 10.6
Int time 2.976
Amp 2.421
Phase -119.2
PFD 7.6e-20
Delays (us)
SBD 0.002516
MBD 0.007085
Fringe rate (Hz)
0.404695
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

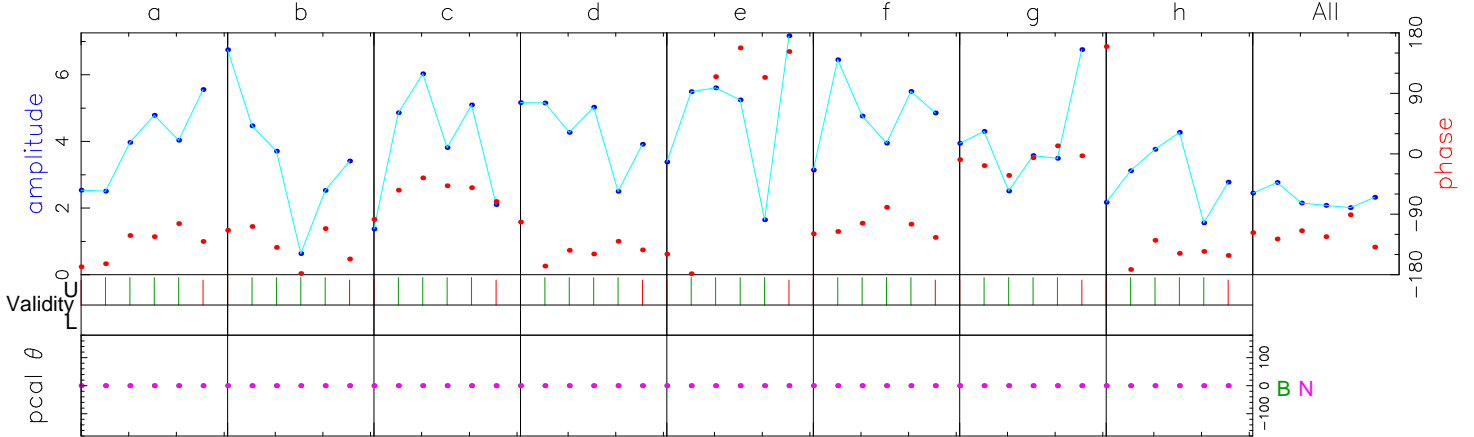


delay rate (ns/s)



Exp. f222a
Exper # 1234
Yr:day 2022:279
Start 120000.00
Stop 120003.07
FRT 120230.00
Corr/FF/build
2022:280:070557
2022:280:070602
2021:298:074129
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"

Amp. and Phase vs. time for each freq., 6 segs, 1 APs / seg (0.51 sec / seg.), time ticks 1 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	6/0	6/0	6/0	6/0	6/0	6/0	6/0	6/0		
B	1000	1000	1000	1000	1000	1000	1000	1000	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	Mani 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	
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec) (SBD)	2.46161166185E+02	Apriori delay (usec)		2.46154081447E+02	Resid mbdelay (usec)		7.08474E-03	+/-	1.0E-04	
Sband delay (usec)	2.46156597947E+02	Apriori clock (usec)		-1.5422028E+01	Resid sbdelay (usec)		2.51650E-03	+/-	8.1E-04	
Phase delay (usec)	2.46154077602E+02	Apriori clockrate (us/s)		-1.8100002E-07	Resid phdelay (usec)		-3.84460E-06	+/-	3.5E-07	
Delay rate (us/s)	-7.72272352041E-02	Apriori rate (us/s)		-7.72319333152E-02	Resid rate (us/s)		4.69811E-06	+/-	2.0E-07	
Total phase (deg)	88.1		Apriori accel (us/s/s)		3.60312090172E-06	Resid phase (deg)		-119.2	+/-	10.8

ph/seg (deg)	14.7	Theor.	13.2	Amplitude	2.421 +/- 0.228	Pcal mode: MANUAL, MANUAL		PC period (AP's) 5, 5			
amp/seg (%)	11.7	Search (16X32)	2.177	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000		
ph/frq (deg)	66.2	Inc. seg. avg.	2.404	Inc. frq. avg.	3.937	Bits/sample: 2x2		SampCntNorm: enabled	mb window (us)	-0.008 0.008	
amp/frq (%)	72.4	Inc. frq. avg.	3.937			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 88.3 el 54.6 pa -55.8 N: az 79.6 el 53.3 pa -65.8 u,v (fr/asec) 581.366 701.159 simultaneous interpolator
Control file: cf_1234_gmva Input file: /Exps/f222a/FRINGE/janw/1234/No0001/BN..2ELUMU Output file: /Exps/f222a/FRINGE/janw/1234/No0001/BN.W.18.2ELUMU