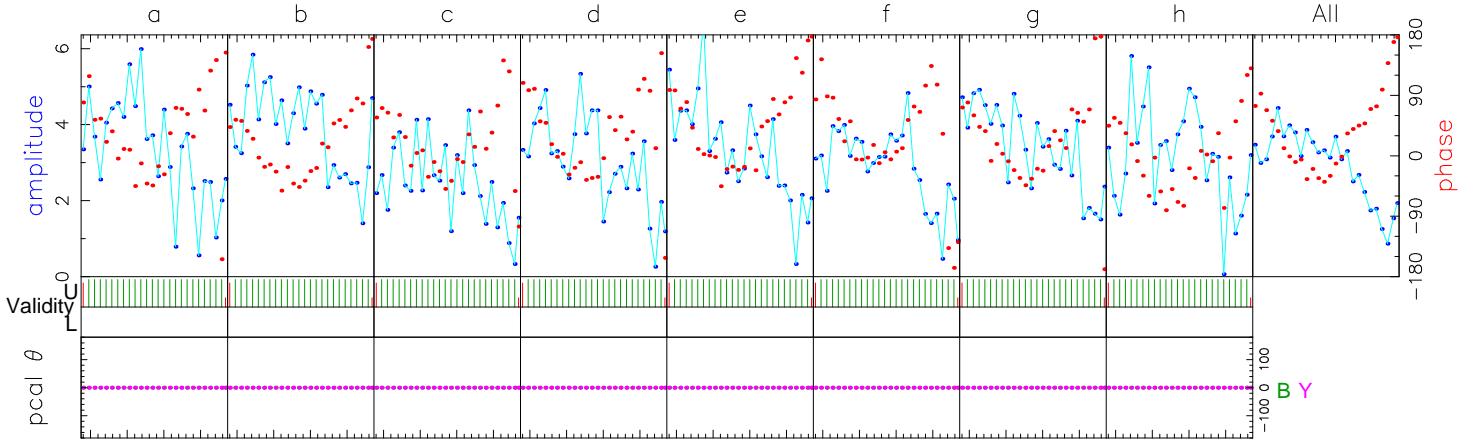


Fringe quality 6

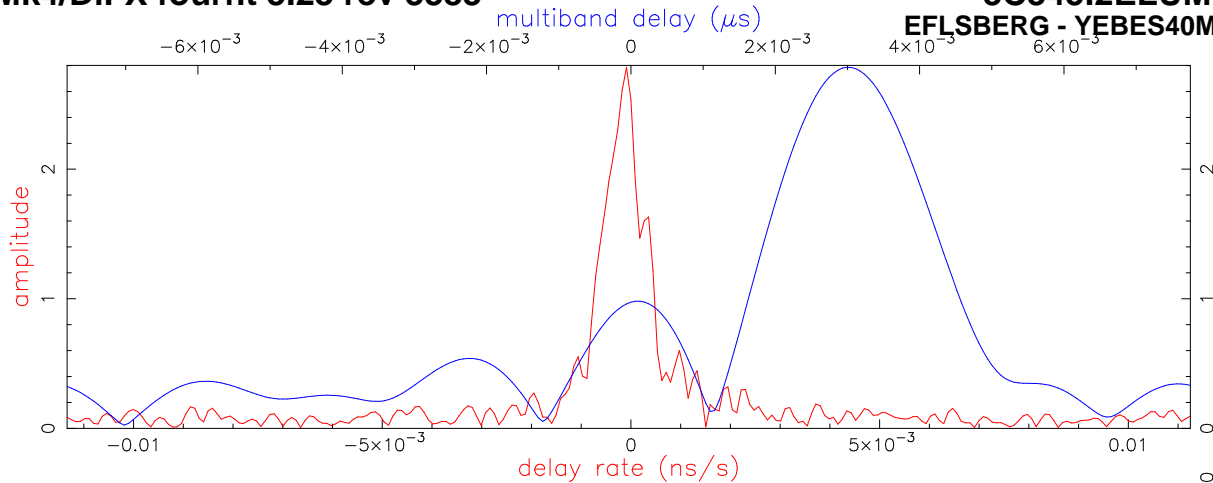
SNR 36.1
Int time 38.716
Amp 2.121
Phase 18.8
PFD 0.0e+00
Delays (us)
SBD -0.005993
MBD -0.006405
Fringe rate (Hz)
-0.007475
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

Exp. f222a
Exper # 1234
Yr:day 2022:279
Start 120017.41
Stop 120056.32
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., 26 segs, 3 APs / seg (1.54 sec / seg.), time ticks 2 sec

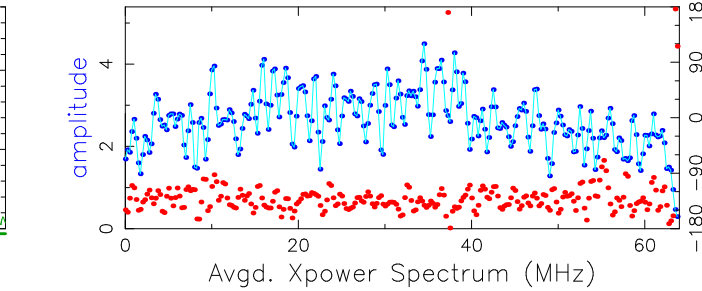
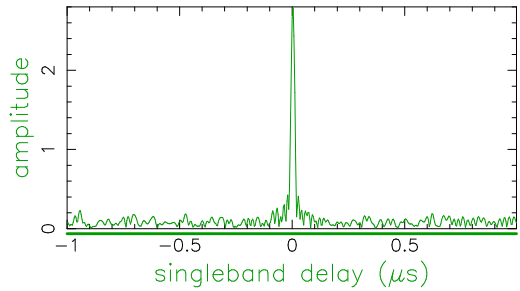


	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All	
	23.3	6.4	16.5	30.0	33.1	39.8	20.7	-12.9	Phase	18.8	
	2.1	2.7	1.8	1.9	2.2	1.8	2.5	2.2	Ampl.	2.2	
	255.7	254.9	255.7	256.0	255.5	255.8	255.7	254.0	Sbd box	255.5	
U/L	76/0	76/0	76/0	76/0	76/0	76/0	76/0	76/0	APs used		
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs		
Y	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs		
B:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase		
B:Y	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		
Y	1000	1000	1000	1000	1000	1000	1000	1000	PC amp		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids		
Y	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks		
									Tracks		
Group delay (usec) (SBD)	2.05619235768E+03		Apriori delay (usec)		2.05619876275E+03		Resid mbdelay (usec)		-6.40506E-03	+/- 3.0E-05	
Sband delay (usec)	2.05619276950E+03		Apriori clock (usec)		1.5134194E+01		Resid sbdelay (usec)		-5.99325E-03	+/- 2.4E-04	
Phase delay (usec)	2.05619876335E+03		Apriori clockrate (us/s)		1.2990001E-06		Resid phdelay (usec)		6.06724E-07	+/- 1.0E-07	
Delay rate (us/s)	-2.04957986248E-01		Apriori rate (us/s)		-2.04957899470E-01		Resid rate (us/s)		-8.67785E-08	+/- 4.6E-09	
Total phase (deg)	171.1		Apriori accel (us/s/s)		-2.03277476692E-06		Resid phase (deg)		18.8	+/- 3.2	
	RMS	Theor.	Amplitude	2.121 +/- 0.059		Pcal mode: MANUAL, MANUAL		PC period (AP's) 5, 5			
ph/seg (deg)	58.8	8.1	Search (256X32)	2.075		Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)		-1.000 1.000	
amp/seg (%)	57.9	14.1	Interp.	0.000		Bits/sample: 2x2		SampCntNorm: enabled		mb window (us)	-0.008 0.008
ph/frq (deg)	18.1	4.5	Inc. seg. avg.	2.921		Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us		dr window (ns/s)		-0.011 0.011	
amp/frq (%)	14.1	7.8	Inc. frq. avg.	2.153		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	Y: az 70.9 el 45.9 pa -69.4		u, v (fr/asec) 1526.759 684.559						simultaneous interpolator		
Control file: cf_1234_gmva	Input file: /Exps/f222a/FRINGE/janw/1234/No0001/BY..2ELUMU		Output file: /Exps/f222a/FRINGE/janw/1234/No0001/BY.W.6.2ELUMU								



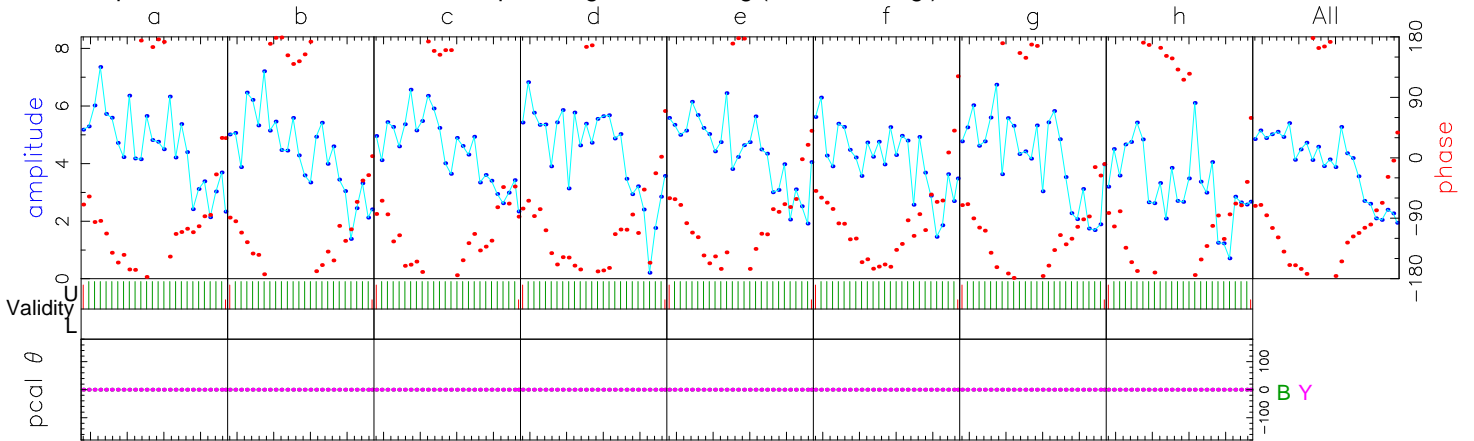
Fringe quality 6

SNR 47.7
Int time 38.716
Amp 2.801
Phase -132.8
PFD 0.0e+00
Delays (us)
SBD 0.002943
MBD 0.002981
Fringe rate (Hz)
-0.007071
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512



Exp. f222a
Exper # 1234
Yr:day 2022:279
Start 120017.41
Stop 120056.32
FRT 120230.00
Corr/FF/build
2022:280:070557
2022:280:070600
2021:298:074129
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"

Amp. and Phase vs. time for each freq., 26 segs, 3 APs / seg (1.54 sec / seg.), time ticks 2 sec

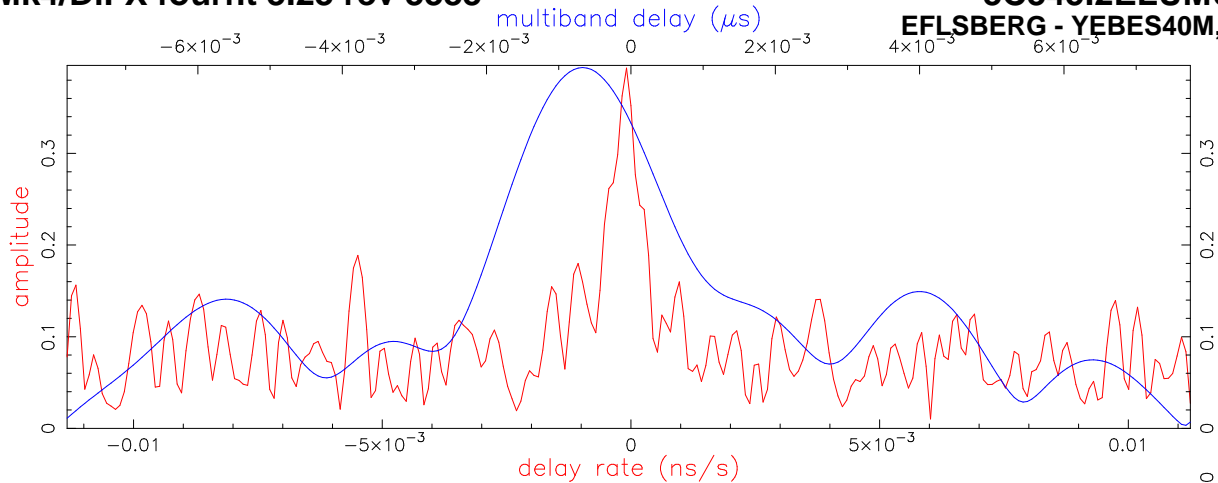


	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-128.6	-153.3	-140.5	-127.8	-118.0	-107.5	-139.6	-153.0	Phase	-132.8
	3.1	3.0	3.1	3.0	3.0	2.9	2.9	2.0	Ampl.	2.9
	257.9	257.4	257.8	257.9	258.0	257.4	257.7	255.9	Sbd box	257.8
U/L	76/0	76/0	76/0	76/0	76/0	76/0	76/0	76/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Y	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:Y	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	
Y	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
Y	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec) (SBD)	2.05620174353E+03	Apriori delay (usec)	2.05619876275E+03	Resid mbdelay (usec)	2.98078E-03	+/-	2.3E-05
Sband delay (usec)	2.05620170625E+03	Apriori clock (usec)	1.5134194E+01	Resid sbdelay (usec)	2.94350E-03	+/-	1.8E-04
Phase delay (usec)	2.05619875846E+03	Apriori clockrate (us/s)	1.2990001E-06	Resid phdelay (usec)	-4.28333E-06	+/-	7.8E-08
Delay rate (us/s)	-2.04957981560E-01	Apriori rate (us/s)	-2.04957899470E-01	Resid rate (us/s)	-8.20907E-08	+/-	3.5E-09
Total phase (deg)	19.5	Apriori accel (us/s/s)	-2.03277476692E-06	Resid phase (deg)	-132.8	+/-	2.4

ph/seg (deg)	55.4	RMS	6.1	Theor.	2.801 +/- 0.059	PCal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	57.5	Search (256X32)	2.776	Amplitude	2.801 +/- 0.059	PCal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	17.5	Interp.	0.000	Interp.	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
amp/frq (%)	13.3	Inc. seg. avg.	3.979	Inc. seg. avg.	3.979	Data rate (MSamp/s):	128 MBpts 32 Amb 0.016 us	dr window (ns/s)	-0.011 0.011	
		Inc. frq. avg.	2.876	Inc. frq. avg.	2.876	Data rate (Mb/s):	2048	nlags: 256 t_cohere infinite	ion window (TEC)	0.00 0.00

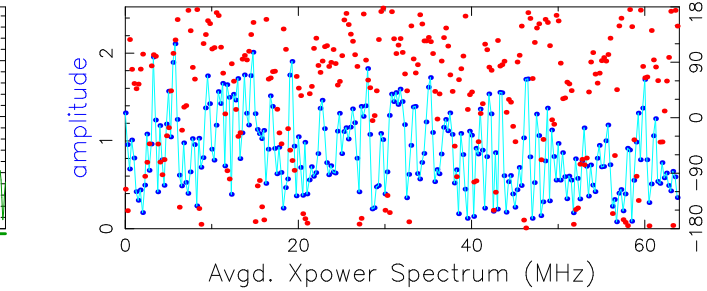
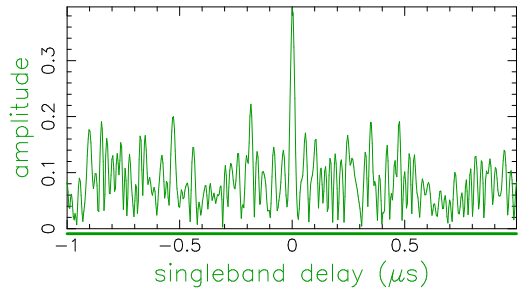
B: az 88.3 el 54.6 pa -55.8 Y: az 70.9 el 45.9 pa -69.4 u, v (fr/asec) 1526.759 684.559 simultaneous interpolator
Control file: cf_1234_gmva Input file: /Exps/f222a/FRINGE/janw/1234/No0001/BY..2ELUMU Output file: /Exps/f222a/FRINGE/janw/1234/No0001/BY.W.1.2ELUMU



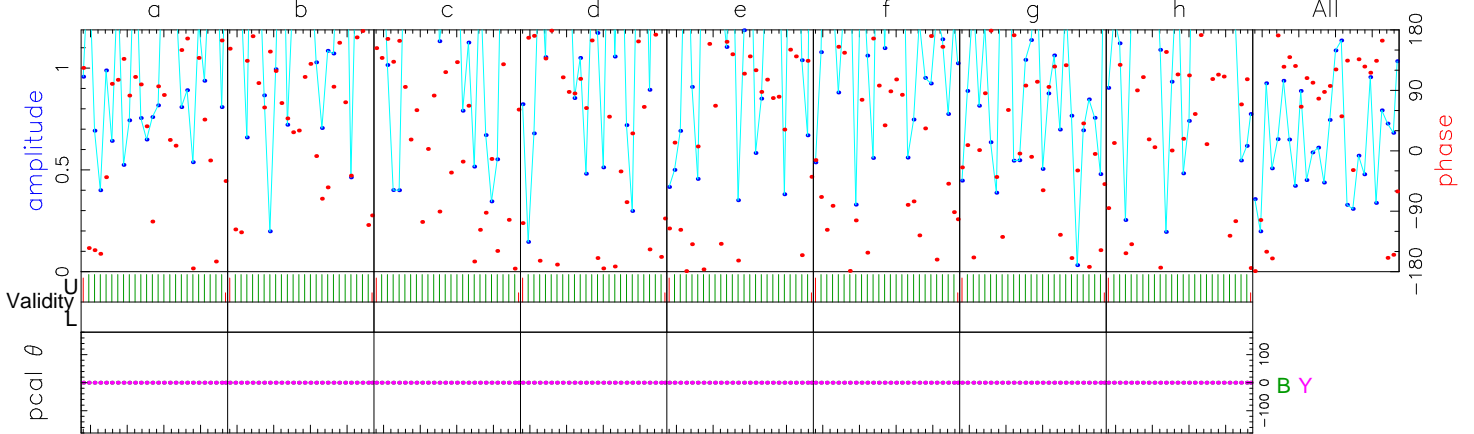
Fringe quality 0

SNR 6.7
Int time 38.716
Amp 0.396
Phase 130.4
PFD 5.8e-04
Delays (us)
SBD 0.001287
MBD -0.000604
Fringe rate (Hz)
-0.004903
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

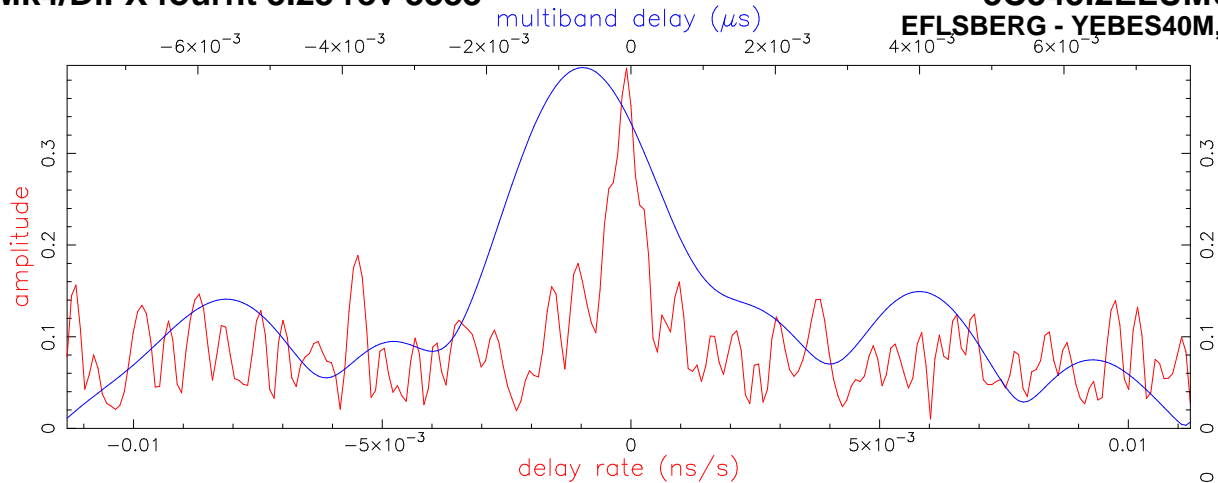
Exp. f222a
Exper # 1234
Yr:day 2022:279
Start 120017.41
Stop 120056.32
FRT 120230.00
Corr/FF/build
2022:280:070557
2022:280:070602
2021:298:074129
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"



Amp. and Phase vs. time for each freq., 26 segs, 3 APs / seg (1.54 sec / seg.), time ticks 2 sec



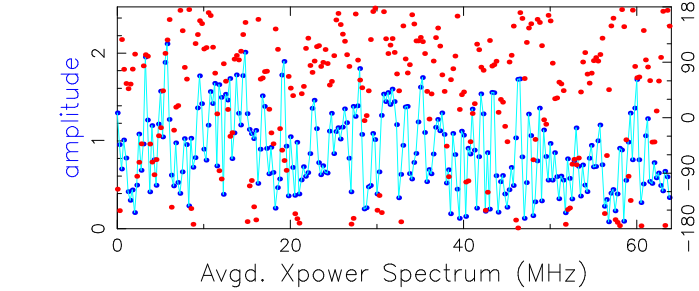
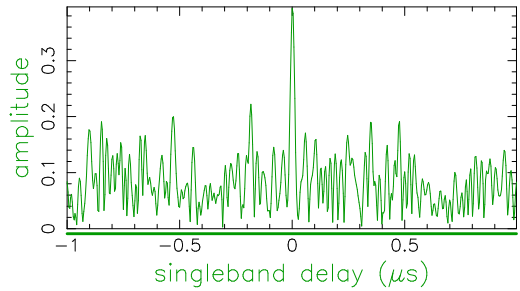
	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All		
	111.9	124.3	117.9	156.6	142.6	162.6	100.5	98.0	Phase	130.4		
	0.3	0.5	0.3	0.6	0.7	0.3	0.2	0.5	Ampl.	0.4		
	201.6	403.3	41.1	256.2	258.0	45.4	40.7	226.0	Sbd box	257.3		
U/L	76/0	76/0	76/0	76/0	76/0	76/0	76/0	76/0	APs used			
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs			
Y	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs			
B:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase			
B:Y	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			
Y	1000	1000	1000	1000	1000	1000	1000	1000				
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids			
Y	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks			
									Tracks			
Group delay (usec) (SBD)	2.05619815890E+03		Apriori delay (usec)		2.05619876275E+03		Resid mbdelay (usec)		-6.03846E-04	+/- 1.6E-04		
Sband delay (usec)	2.05620005000E+03		Apriori clock (usec)		1.5134194E+01		Resid sbdelay (usec)		1.28725E-03	+/- 1.3E-03		
Phase delay (usec)	2.05619876695E+03		Apriori clockrate (us/s)		1.2990001E-06		Resid phdelay (usec)		4.20474E-06	+/- 5.5E-07		
Delay rate (us/s)	-2.04957956392E-01		Apriori rate (us/s)		-2.04957899470E-01		Resid rate (us/s)		-5.69227E-08	+/- 2.4E-08		
Total phase (deg)	282.7		Apriori accel (us/s/s)		-2.03277476692E-06		Resid phase (deg)		130.4	+/- 17.0		
	RMS	Theor.	Amplitude	0.396 +/- 0.059		Pcal mode: MANUAL, MANUAL		PC period (AP's) 5, 5				
ph/seg (deg)	61.6	43.4	Search (256X32)	0.388		Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000		
amp/seg (%)	88.3	75.7	Interp.	0.000		Bits/sample: 2x2		SampCntNorm: enabled	mb window (us)	-0.008	0.008	
ph/frq (deg)	27.0	24.0	Inc. seg. avg.	0.496		Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us		dr window (ns/s)	-0.011	0.011		
amp/frq (%)	45.9	42.0	Inc. frq. avg.	0.390		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	Y: az 70.9 el 45.9 pa -69.4		u,v (fr/asec) 1526.759 684.559						simultaneous interpolator			
Control file: cf_1234_gmva	Input file: /Exps/f222a/FRINGE/janw/1234/No0001/BY..2ELUMU		Output file: /Exps/f222a/FRINGE/janw/1234/No0001/BY.W.19.2ELUMU									



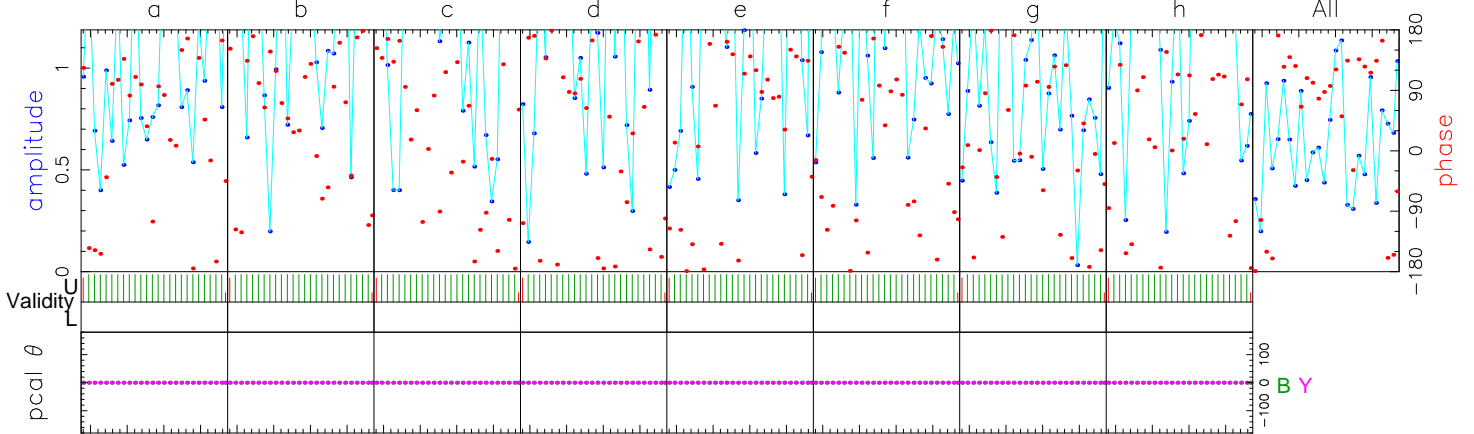
Fringe quality 0

SNR 6.7
Int time 38.716
Amp 0.396
Phase 130.4
PFD 5.8e-04
Delays (us)
SBD 0.001287
MBD -0.000604
Fringe rate (Hz)
-0.004903
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

Exp. f222a
Exper # 1234
Yr:day 2022:279
Start 120017.41
Stop 120056.32
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., 26 segs, 3 APs / seg (1.54 sec / seg.), time ticks 2 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All		
	111.9	124.3	117.9	156.6	142.6	162.6	100.5	98.0	Phase	130.4		
	0.3	0.5	0.3	0.6	0.7	0.3	0.2	0.5	Ampl.	0.4		
	201.6	403.3	41.1	256.2	258.0	45.4	40.7	226.0	Sbd box	257.3		
U/L	76/0	76/0	76/0	76/0	76/0	76/0	76/0	76/0	APs used			
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs			
Y	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs			
B:Y	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase			
B:Y	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			
Y	1000	1000	1000	1000	1000	1000	1000	1000				
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids			
Y	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks			
									Tracks			
Group delay (usec) (SBD)	2.05619815890E+03		Apriori delay (usec)		2.05619876275E+03		Resid mbdelay (usec)		-6.03846E-04	+/- 1.6E-04		
Sband delay (usec)	2.05620005000E+03		Apriori clock (usec)		1.5134194E+01		Resid sbdelay (usec)		1.28725E-03	+/- 1.3E-03		
Phase delay (usec)	2.05619876695E+03		Apriori clockrate (us/s)		1.2990001E-06		Resid phdelay (usec)		4.20474E-06	+/- 5.5E-07		
Delay rate (us/s)	-2.04957956392E-01		Apriori rate (us/s)		-2.04957899470E-01		Resid rate (us/s)		-5.69227E-08	+/- 2.4E-08		
Total phase (deg)	282.7		Apriori accel (us/s/s)		-2.03277476692E-06		Resid phase (deg)		130.4	+/- 17.0		
	RMS	Theor.	Amplitude	0.396 +/- 0.059		Pcal mode: MANUAL, MANUAL		PC period (AP's) 5, 5				
ph/seg (deg)	61.6	43.4	Search (256X32)	0.388		Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000		
amp/seg (%)	88.3	75.7	Interp.	0.000		Bits/sample: 2x2		SampCntNorm: enabled	mb window (us)	-0.008	0.008	
ph/frq (deg)	27.0	24.0	Inc. seg. avg.	0.496		Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us		dr window (ns/s)	-0.011	0.011		
amp/frq (%)	45.9	42.0	Inc. frq. avg.	0.390		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	Y: az 70.9 el 45.9 pa -69.4		u,v (fr/asec) 1526.759 684.559						simultaneous interpolator			
Control file: cf_1234_gmva	Input file: /Exps/f222a/FRINGE/janw/1234/No0001/BY..2ELUMU		Output file: /Exps/f222a/FRINGE/janw/1234/No0001/BY.W.19.2ELUMU									