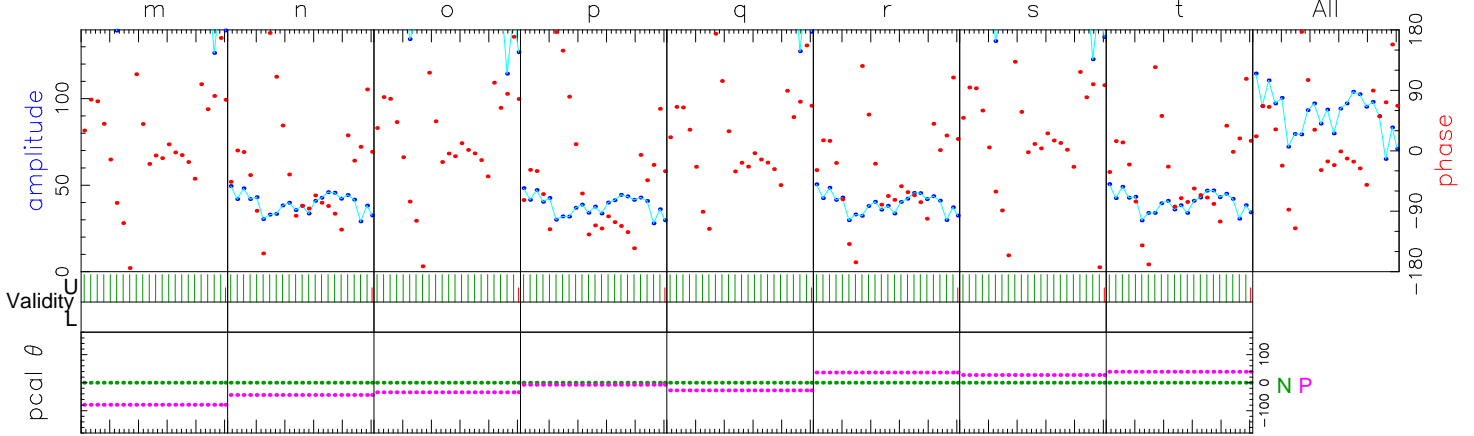
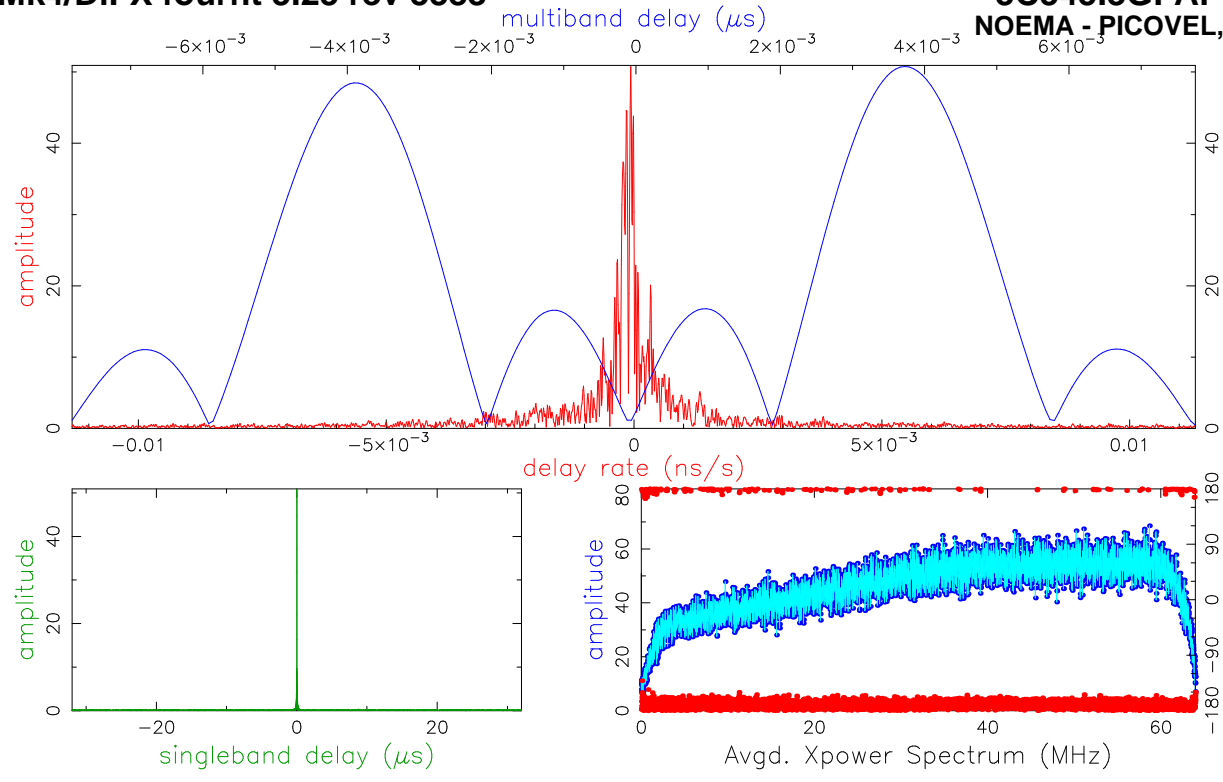


Fringe quality 1
Error code G
SNR 2205.8
Int time 299.737
Amp 46.592
Phase 15.2
PFD 0.0e+00
Delays (us)
SBD 0.000667
MBD -0.002992
Fringe rate (Hz)
-0.006020
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512
Exp. f242a
Exper # 1234
Yr:day 2024:284
Start 124500.00
Stop 125000.03
FRT 124730.00
Corr/FF/build
2024:285:112612
2024:285:112812
2023:348:201045
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.31 sec / seg.), time ticks 10 sec

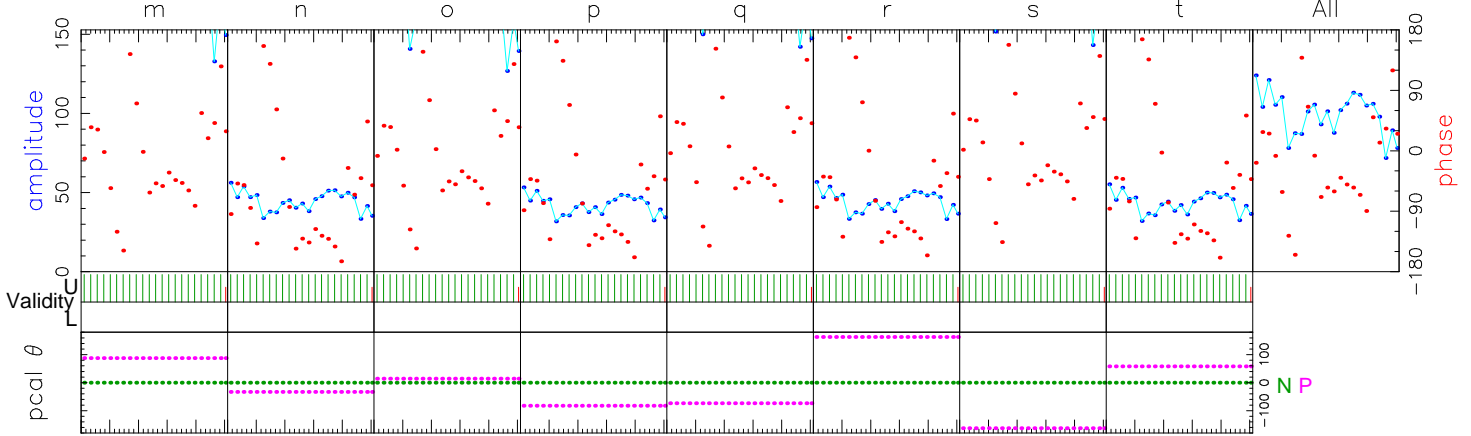


	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	586/0	586/0	586/0	586/0	586/0	586/0	586/0	586/0		
N	0	0	0	0	0	0	0	0	PC freqs	
P	0	0	0	0	0	0	0	0	PC freqs	
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
N:P	0:-79	0:-44	0:-34	0:-8	0:-28	0:36	0:27	0:39	Manl PC	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
N	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	
Group delay (usec) (SBD)	1.47927550351E+03		Apriori delay (usec)		1.47927849521E+03		Resid mbdelay (usec)		-2.99170E-03	+/- 4.9E-07
Sband delay (usec)	1.47927916171E+03		Apriori clock (usec)		-1.2098339E+01		Resid sbdelay (usec)		6.66500E-04	+/- 3.9E-06
Phase delay (usec)	1.47927849570E+03		Apriori clockrate (us/s)		2.1360106E-07		Resid phdelay (usec)		4.91573E-07	+/- 1.7E-09
Delay rate (us/s)	-1.78247331057E-01		Apriori rate (us/s)		-1.78247261173E-01		Resid rate (us/s)		-6.98843E-08	+/- 9.7E-12
Total phase (deg)	223.1		Apriori accel (us/s/s)		-7.21772252451E-07		Resid phase (deg)		15.2	+/- 0.1
ph/seg (deg)	RMS 70.9	Theor. 0.1	Amplitude 46.592 +/- 0.021		Pcal mode: MANUAL, MANUAL		PC period (AP's) 5, 5			
amp/seg (%)	100.3	0.2	Search (2048X32) 45.758		Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)		-32.000	32.000
ph/frq (deg)	57.0	0.1	Interp. 0.000		Bits/sample: 2x2		SampCntNorm: enabled		mb window (us)	-0.008 0.008
amp/frq (%)	74.8	0.1	Inc. seg. avg. 91.757		Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us		dr window (ns/s)		-0.011	0.011
N: az 88.7 el 64.2 pa -67.8	P: az 71.7 el 56.0 pa -80.7		u, v (fr/asec) 1328.669 616.156		Data rate(Mb/s): 2048		nlags: 8192 t_cohere infinite		ion window (TEC) 0.00 0.00	
Control file: cf_1234_gmva	Input file: /Exps/f242a/FRINGE/1234/No0004/NP..3GFAP9		Output file: /Exps/f242a/FRINGE/1234/No0004/NP.W.1.3GFAP9		simultaneous interpolator					

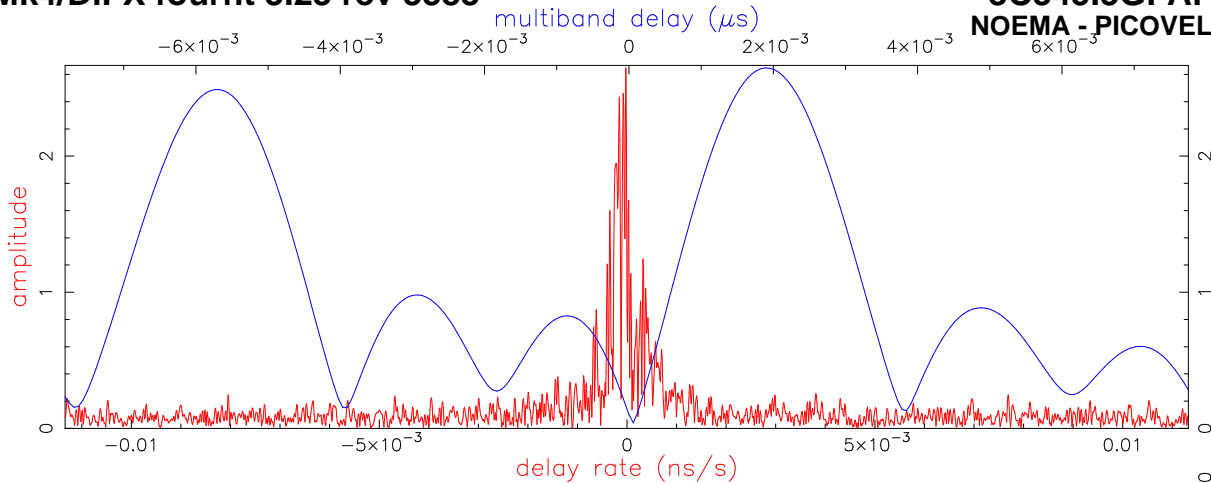


Fringe quality 1
Error code G
SNR 2412.1
Int time 299.980
Amp 50.928
Phase -24.1
PFD 0.0e+00
Delays (us)
SBD 0.016348
MBD 0.003734
Fringe rate (Hz)
-0.006003
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512
Exp. f242a
Exper # 1234
Yr:day 2024:284
Start 124500.00
Stop 125000.03
FRT 124730.00
Corr/FF/build
2024:285:112612
2024:285:112930
2023:348:201045
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"

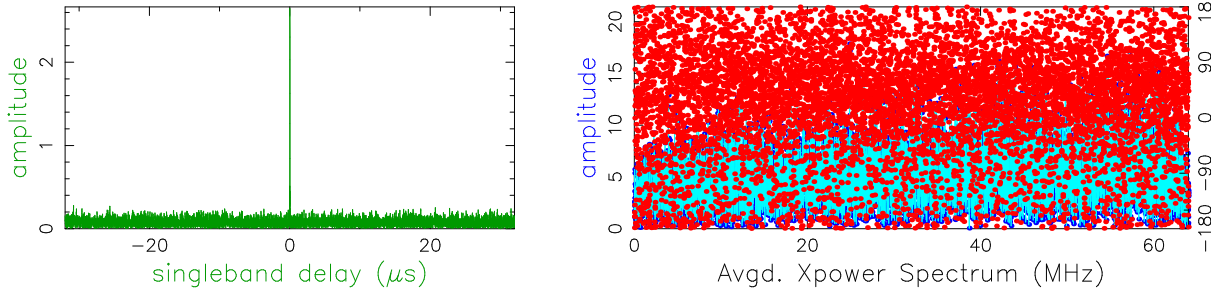
Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.31 sec / seg.), time ticks 10 sec



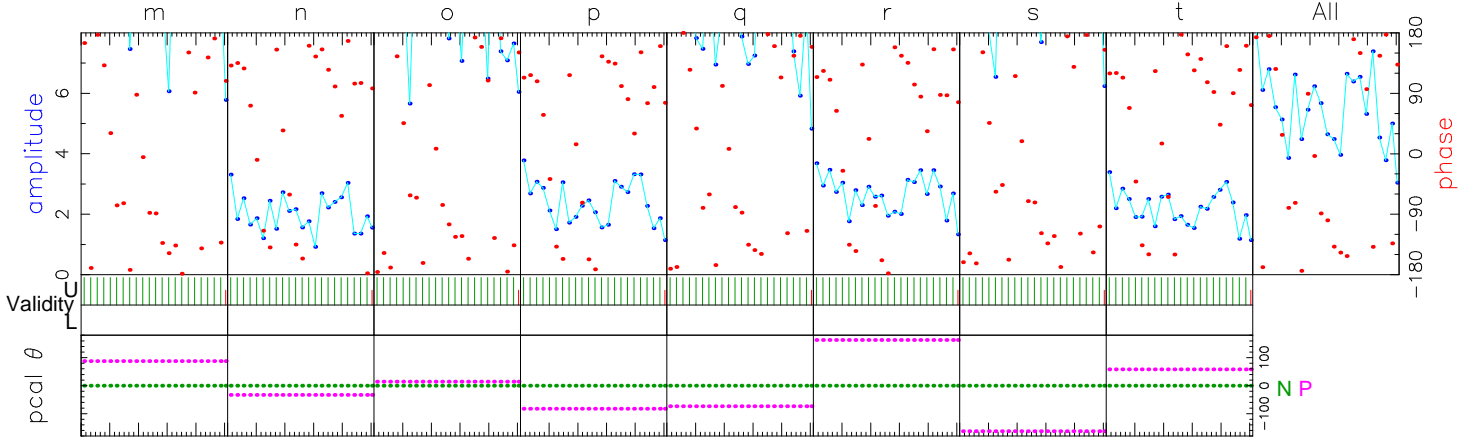
	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All	
	-17.7	-99.7	-14.3	-93.4	-9.8	-89.0	-4.9	-91.4	Phase	-24.1	
	98.0	22.8	91.3	21.6	97.3	22.6	98.8	22.0	Ampl.	59.3	
	8197.1	8197.0	8196.5	8197.0	8197.1	8196.9	8197.3	8197.1	Sbd box	8197.2	
U/L	586/0	586/0	586/0	586/0	586/0	586/0	586/0	586/0	APs used		
N	0	0	0	0	0	0	0	0	PC freqs		
P	0	0	0	0	0	0	0	0	PC freqs		
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase		
N:P	0:88	0:33	0:15	0:82	0:74	0:163	0:163	0:58	Manl PC		
N	1000	1000	1000	1000	1000	1000	1000	1000	PC amp		
P	1000	1000	1000	1000	1000	1000	1000	1000			
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids		
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks		
									Tracks		
Group delay (usec) (SBD)	1.47929785395E+03		Apriori delay (usec)		1.47927849521E+03		Resid mbdelay (usec)		3.73374E-03	+/- 4.5E-07	
Sband delay (usec)	1.47929484346E+03		Apriori clock (usec)		-1.2098339E+01		Resid sbdelay (usec)		1.63483E-02	+/- 3.6E-06	
Phase delay (usec)	1.47927849443E+03		Apriori clockrate (us/s)		2.1360106E-07		Resid phdelay (usec)		-7.76999E-07	+/- 1.5E-09	
Delay rate (us/s)	-1.78247330865E-01		Apriori rate (us/s)		-1.78247261173E-01		Resid rate (us/s)		-6.96923E-08	+/- 8.8E-12	
Total phase (deg)			Apriori accel (us/s/s)		-7.21772252451E-07		Resid phase (deg)		-24.1	+/- 0.0	
	RMS	Theor.	Amplitude	50.928 +/- 0.021		Pcal mode: MANUAL, MANUAL		PC period (AP's) 5, 5			
ph/seg (deg)	70.9	0.1	Search (2048X32)	49.545		Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)		-32.000 32.000	
amp/seg (%)	99.5	0.2	Interp.	0.000		Bits/sample: 2x2		SampCntNorm: enabled		mb window (us)	-0.008 0.008
ph/frq (deg)	57.7	0.1	Inc. seg. avg.	99.894		Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us		dr window (ns/s)		-0.011 0.011	
amp/frq (%)	74.7	0.1	Inc. frq. avg.	59.279		Data rate(Mb/s): 2048		nlags: 8192 t_cohere infinite		ion window (TEC)	0.00 0.00
N: az 88.7 el 64.2 pa -67.8	P: az 71.7 el 56.0 pa -80.7		u, v (fr/asec) 1328.669 616.156						simultaneous interpolator		
Control file: cf_1234_gmva	Input file: /Exps/f242a/FRINGE/1234/No0004/NP..3GFAP9		Output file: /Exps/f242a/FRINGE/1234/No0004/NP.W.2.3GFAP9								



Fringe quality 1
Error code G
SNR 126.3
Int time 299.980
Amp 2.667
Phase -168.6
PFD 0.0e+00
Delays (us)
SBD 0.014532
MBD 0.001891
Fringe rate (Hz)
-0.001524
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512
Exp. f242a
Exper # 1234
Yr:day 2024:284
Start 124500.00
Stop 125000.03
FRT 124730.00
Corr/FF/build
2024:285:112612
2024:285:113047
2023:348:201045
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"



Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.31 sec / seg.), time ticks 10 sec

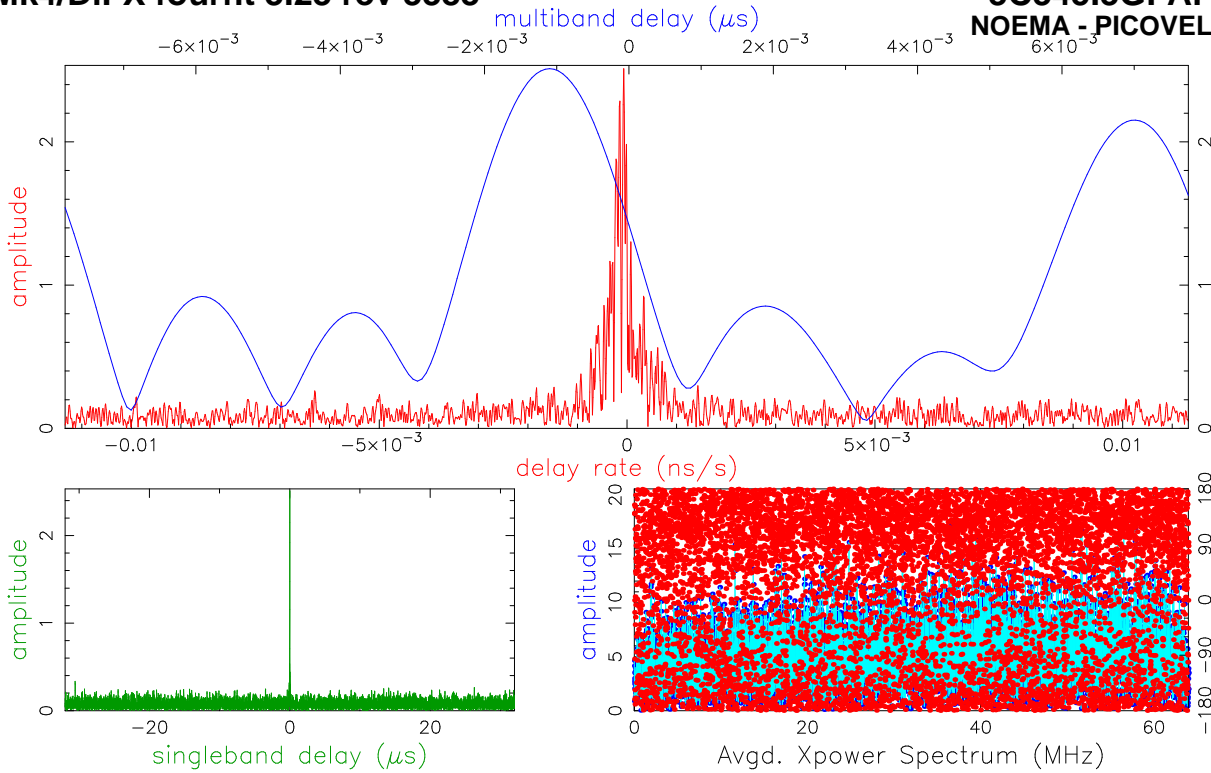


	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	8196.5	8196.4	8196.1	8196.7	8196.2	8196.5	8197.2	8196.3	Ampl.	8196.7
N	0	0	0	0	0	0	0	0	Sbd box	
P	0	0	0	0	0	0	0	0	APs used	
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC freqs	
N:P	0:88	0:33	0:15	0:82	0:74	0:163	0:163	0:58	PC phase	
N	1000	1000	1000	1000	1000	1000	1000	1000	Manl PC	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
N	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec) (SBD) 1.47929601146E+03 Apriori delay (usec) 1.47927849521E+03 Resid mbdelay (usec) 1.89125E-03 +/- 8.6E-06
 Sband delay (usec) 1.47929302696E+03 Apriori clock (usec) -1.2098339E+01 Resid sbdelay (usec) 1.45318E-02 +/- 6.8E-05
 Phase delay (usec) 1.47927848977E+03 Apriori clockrate (us/s) 2.1360106E-07 Resid phdelay (usec) -5.43604E-06 +/- 2.9E-08
 Delay rate (us/s) -1.78247278867E-01 Apriori rate (us/s) -1.78247261173E-01 Resid rate (us/s) -1.76941E-08 +/- 1.7E-10
 Total phase (deg) 39.3 Apriori accel (us/s/s) -7.21772252451E-07 Resid phase (deg) -168.6 +/- 0.9

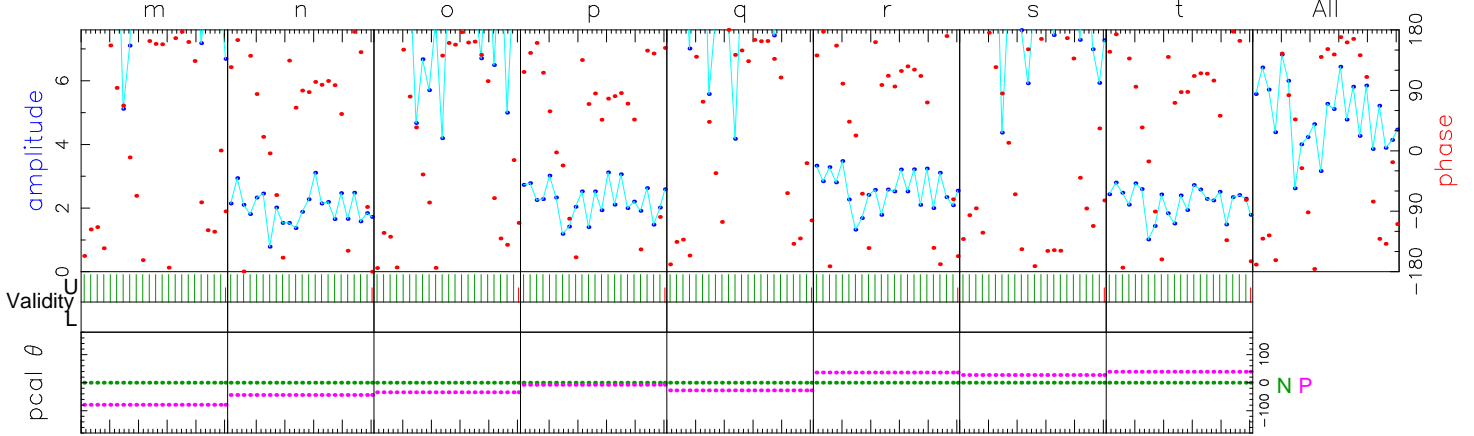
RMS Theor. Amplitude 2.667 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 71.9 2.2 Search (2048X32) 2.562 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000
 amp/seg (%) 116.3 3.8 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 ph/frq (deg) 55.6 1.3 Inc. seg. avg. 5.517 Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us dr window (ns/s) -0.011 0.011
 amp/frq (%) 75.6 2.2 Inc. frq. avg. 3.088 Data rate(Mb/s): 2048 nlags: 8192 t_cohere infinite ion window (TEC) 0.00 0.00

N: az 88.7 el 64.2 pa -67.8 P: az 71.7 el 56.0 pa -80.7 u,v (fr/asec) 1328.669 616.156 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f242a/FRINGE/1234/No0004/NP..3GFAP9 Output file: /Exps/f242a/FRINGE/1234/No0004/NP.W.3.3GFAP9



Fringe quality 1
Error code G
SNR 120.0
Int time 299.737
Amp 2.534
Phase -179.9
PFD 0.0e+00
Delays (us)
SBD 0.002682
MBD -0.001100
Fringe rate (Hz)
-0.006141
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512
Exp. f242a
Exper # 1234
Yr:day 2024:284
Start 124500.00
Stop 125000.03
FRT 124730.00
Corr/FF/build
2024:285:112612
2024:285:113205
2023:348:201045
RA & Dec (J2000)
16h42m58.809971s
+39°48'36.993958"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.31 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	
	-168.1	119.5	-175.0	105.1	179.7	140.3	-145.0	130.5	Phase	-179.9	
	5.4	1.0	4.1	1.2	4.5	1.5	4.3	1.2	Ampl.	2.9	
	8193.9	8193.4	8193.1	8193.5	8193.6	8193.5	8193.3	8193.5	Sbd box	8193.7	
U/L	586/0	586/0	586/0	586/0	586/0	586/0	586/0	586/0	APs used		
N	0	0	0	0	0	0	0	0	PC freqs		
P	0	0	0	0	0	0	0	0	PC freqs		
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase		
N:P	0:-79	0:-44	0:-34	0:-8	0:-28	0:36	0:27	0:39	Manl PC		
N	1000	1000	1000	1000	1000	1000	1000	1000	PC amp		
P	1000	1000	1000	1000	1000	1000	1000	1000			
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids		
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks		
									Tracks		
Group delay (usec) (SBD)	1.47927739523E+03		Apriori delay (usec)		1.47927849521E+03		Resid mbdelay (usec)		-1.09998E-03	+/- 9.0E-06	
Sband delay (usec)	1.47928117721E+03		Apriori clock (usec)		-1.2098339E+01		Resid sbdelay (usec)		2.68200E-03	+/- 7.2E-05	
Phase delay (usec)	1.47927848941E+03		Apriori clockrate (us/s)		2.1360106E-07		Resid phdelay (usec)		-5.80109E-06	+/- 3.1E-08	
Delay rate (us/s)	-1.78247332468E-01		Apriori rate (us/s)		-1.78247261173E-01		Resid rate (us/s)		-7.12951E-08	+/- 1.8E-10	
Total phase (deg)	28.0		Apriori accel (us/s/s)		-7.21772252451E-07		Resid phase (deg)		-179.9	+/- 1.0	
	RMS	Theor.	Amplitude	2.534 +/- 0.021		Pcal mode: MANUAL, MANUAL		PC period (AP's) 5, 5			
ph/seg (deg)	73.3	2.3	Search (2048X32)	2.437		Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)		-32.000 32.000	
amp/seg (%)	102.8	4.0	Interp.	0.000		Bits/sample: 2x2		SampCntNorm: enabled		mb window (us)	-0.008 0.008
ph/frq (deg)	49.6	1.4	Inc. seg. avg.	4.906		Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us		dr window (ns/s)		-0.011 0.011	
amp/frq (%)	69.2	2.4	Inc. frq. avg.	2.890		Data rate(Mb/s): 2048		nlags: 8192 t_cohere infinite		ion window (TEC)	0.00 0.00
N: az 88.7 el 64.2 pa -67.8	P: az 71.7 el 56.0 pa -80.7		u, v (fr/asec) 1328.669 616.156						simultaneous interpolator		
Control file: cf_1234_gmva	Input file: /Exps/f242a/FRINGE/1234/No0004/NP..3GFAP9		Output file: /Exps/f242a/FRINGE/1234/No0004/NP.W.4.3GFAP9								