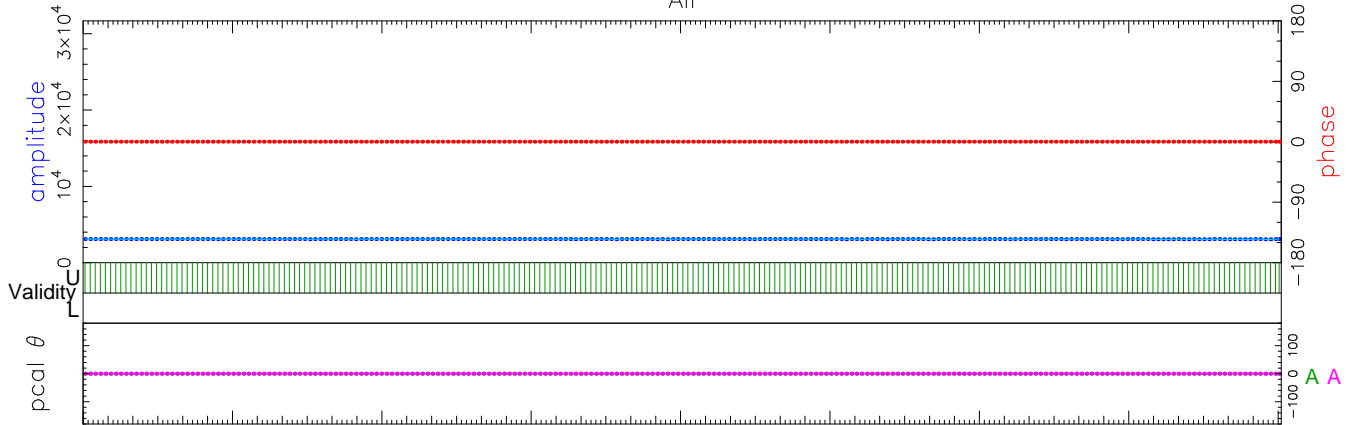


Fringe quality 5

SNR 96882.8  
Int time 479.991  
Amp 10562.750  
Phase 0.2  
PFD 0.0e+00  
Delays (us)  
SBD 0.000000  
MBD -0.000005  
Fringe rate (Hz)  
0.000000  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512

Exp. c211d  
Exper # 16383  
Yr:day 2021:117  
Start 003000.00  
Stop 003800.26  
FRT 003400.00  
Corr/FF/build  
2021:228:033456  
2021:228:051904  
2021:057:122453  
RA & Dec (J2000)  
09h45m34.287498s  
+34°30'42.760780"

Amp. and Phase vs. time for each freq., 235 segs, 4 APs / seg (2.05 sec / seg.), time ticks 2 sec  
All



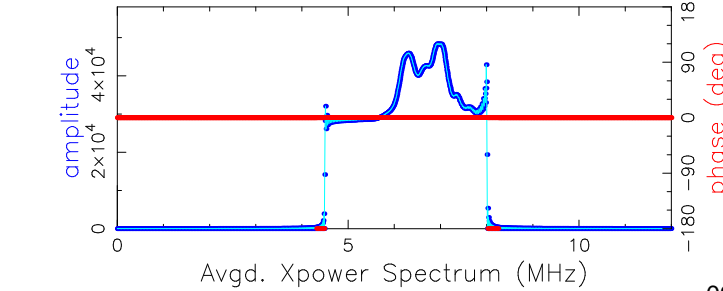
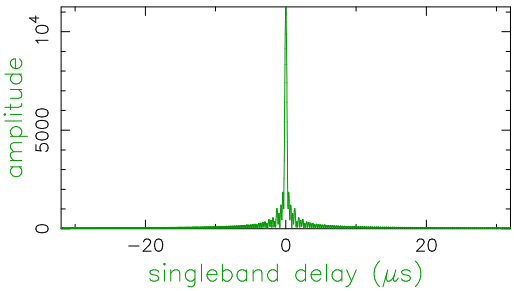
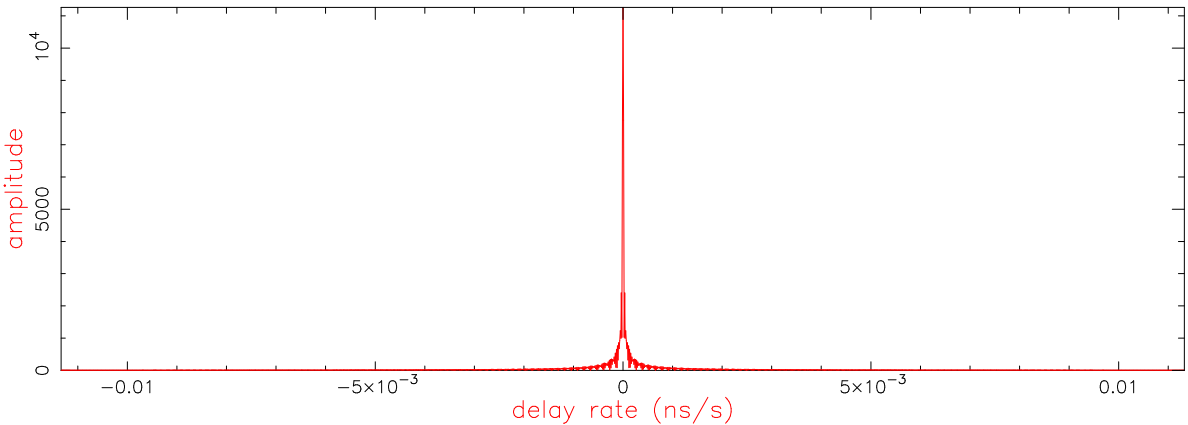
86227.00  
0.2  
3094.6  
1537.0  
U/L 938/0  
A 0  
A 0  
A:A 0:0  
A:A 0:0  
A 1000  
A 1000  
A W03UX  
A W03UX

Freq (MHz)  
Phase  
Ampl.  
Sbd box  
APs used  
PC freqs  
PC freqs  
PC phase  
Manl PC  
PC amp  
Chan ids  
Chan ids

Group delay (usec)(sbd)	-5.17842439143E-06	Apriori delay (usec)	0.0000000000E+00	Resid mbdelay (usec)	-5.17842E-06	+/-	4.7E-07
Sband delay (usec)	0.0000000000E+00	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	0.00000E+00	+/-	4.7E-07
Phase delay (usec)	5.59082271190E-09	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	5.59082E-09	+/-	3.8E-11
Delay rate (us/s)	0.0000000000E+00	Apriori rate (us/s)	0.0000000000E+00	Resid rate (us/s)	0.00000E+00	+/-	1.4E-13
Total phase (deg)	0.2	Apriori accel (us/s/s)	0.0000000000E+00	Resid phase (deg)	0.2	+/-	0.0

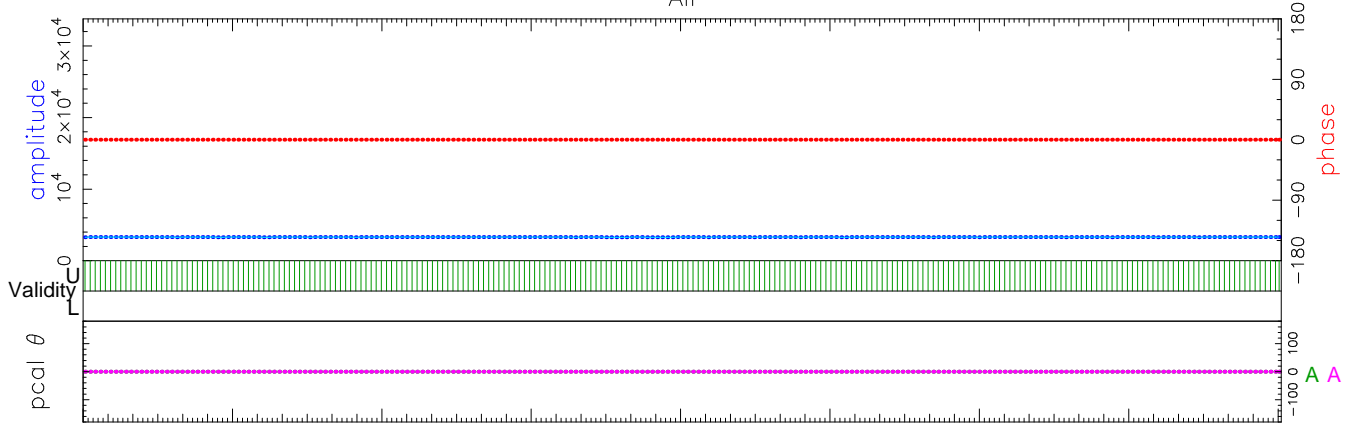
ph/seg (deg)	0.0	Theor.	0.0	Amplitude	10562.750 +/- 0.109	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	70.7		0.0	Search (2048X8)	10562.751	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	0.0		0.0	Interp.	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.000 0.000
amp/frq (%)	70.7		0.0	Inc. seg. avg.	3094.556	Sample rate(MISamp/s):	24	dr window (ns/s)	-0.011 0.011	
				Inc. frq. avg.	10562.751	Data rate(Mb/s):	48	ion window (TEC)	0.00 0.00	

A: az 352.0 el 32.0 pa 171.0      A: az 352.0 el 32.0 pa 171.0      u,v (fr/asec) 0.000 0.000      simultaneous interpolator  
Control file: cf\_1234\_gmva\_line      Input file: /Exps/c211d/v1/LINES1/1234/No0011/AA..1T5GQR      Output file: /Exps/c211d/v1/LINES1/1234/No0011/AA.W.1.1T5GQR



Fringe quality 5  
SNR 103319.6  
Int time 479.991  
Amp 11264.534  
Phase -0.1  
PFD 0.0e+00  
Delays (us)  
SBD 0.000000  
MBD -0.000007  
Fringe rate (Hz)  
0.000000  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512  
Exp. c211d  
Exper # 16383  
Yr:day 2021:117  
Start 003000.00  
Stop 003800.26  
FRT 003400.00  
Corr/FF/build  
2021:228:033456  
2021:228:051905  
2021:057:122453  
RA & Dec (J2000)  
09h45m34.287498s  
+34°30'42.760780"

Amp. and Phase vs. time for each freq., 235 segs, 4 APs / seg (2.05 sec / seg.), time ticks 2 sec  
All



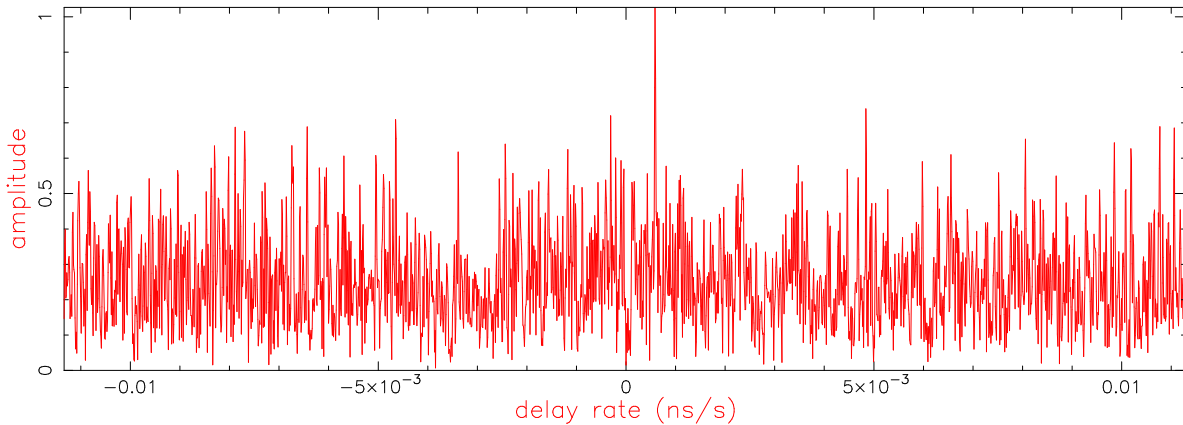
86227.00  
0.2  
3300.2  
1537.0  
U/L 938/0  
A 0  
A 0  
A:A 0:0  
A:A 0:0  
A 1000  
A 1000  
A W03UY  
A W03UY

Freq (MHz)  
Phase  
Ampl.  
Sbd box  
APs used  
PC freqs  
PC freqs  
PC phase  
Manl PC  
PC amp  
Chan ids  
Chan ids

Group delay (usec)(sbd)	4.70850197734E-06	Apriori delay (usec)	0.0000000000E+00	Resid mbdelay (usec)	-6.88879E-06	+/-	4.4E-07
Sband delay (usec)	0.0000000000E+00	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	0.00000E+00	+/-	4.4E-07
Phase delay (usec)	7.43740188764E-09	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	7.43740E-09	+/-	3.6E-11
Delay rate (us/s)	0.0000000000E+00	Apriori rate (us/s)	0.0000000000E+00	Resid rate (us/s)	0.00000E+00	+/-	1.3E-13
Total phase (deg)	-0.1	Apriori accel (us/s/s)	0.0000000000E+00	Resid phase (deg)	-0.1	+/-	0.0

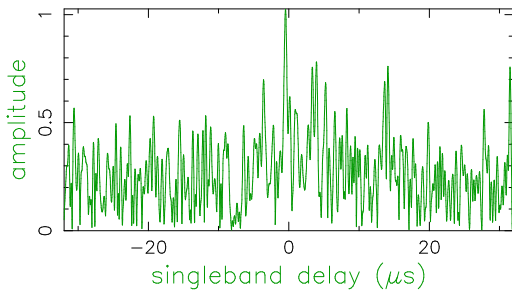
ph/seg (deg)	0.0	Theor.	0.0	Amplitude	11264.534 +/- 0.109	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	70.7		0.0	Search (2048X8)	11264.534	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	0.0		0.0	Interp.	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.000 0.000
amp/frq (%)	70.7		0.0	Inc. seg. avg.	3300.156	Sample rate(MISamp/s):	24	dr window (ns/s)	-0.011 0.011	
				Inc. frq. avg.	11264.534	Data rate(Mb/s):	48	ion window (TEC)	0.00 0.00	

A: az 352.0 el 32.0 pa 171.0      A: az 352.0 el 32.0 pa 171.0      u,v (fr/asec) 0.000 0.000      simultaneous interpolator  
Control file: cf\_1234\_gmva\_line      Input file: /Exps/c211d/v1/LINES1/1234/No0011/AA..1T5GQR      Output file: /Exps/c211d/v1/LINES1/1234/No0011/AA.W.4.1T5GQR

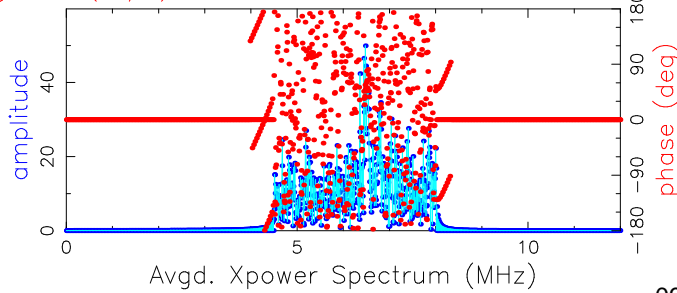


Fringe quality 8

SNR 9.4  
Int time 479.984  
Amp 1.027  
Phase 38.0  
PFD 9.7e-14  
Delays (us)  
SBD -0.468336  
MBD 0.000006  
Fringe rate (Hz)  
0.050855  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512

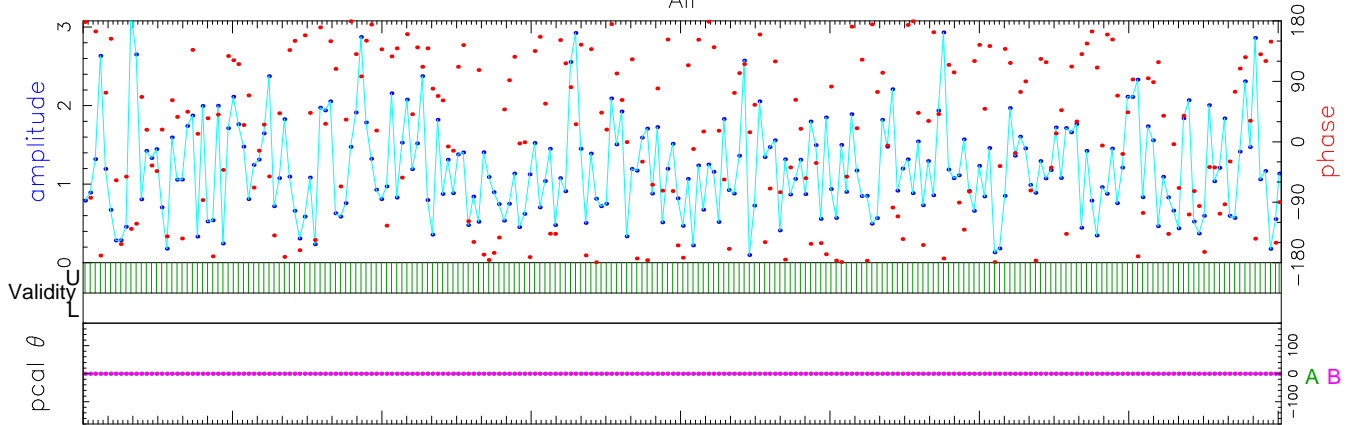


delay rate (ns/s)



Exp. c211d  
Exper # 16383  
Yr:day 2021:117  
Start 003000.00  
Stop 003800.26  
FRT 003400.00  
Corr/FF/build  
2021:228:033456  
2021:228:051904  
2021:057:122453  
RA & Dec (J2000)  
09h45m34.287498s  
+34°30'42.760780"

Amp. and Phase vs. time for each freq., 235 segs, 4 APs / seg (2.05 sec / seg.), time ticks 2 sec  
All



86227.00  
129.4  
0.3  
1514.5  
U/L 938/0  
A 0  
B 0  
A:B 0:0  
A:B 0:0  
A 1000  
B 1000  
A W03UX  
B W03UL

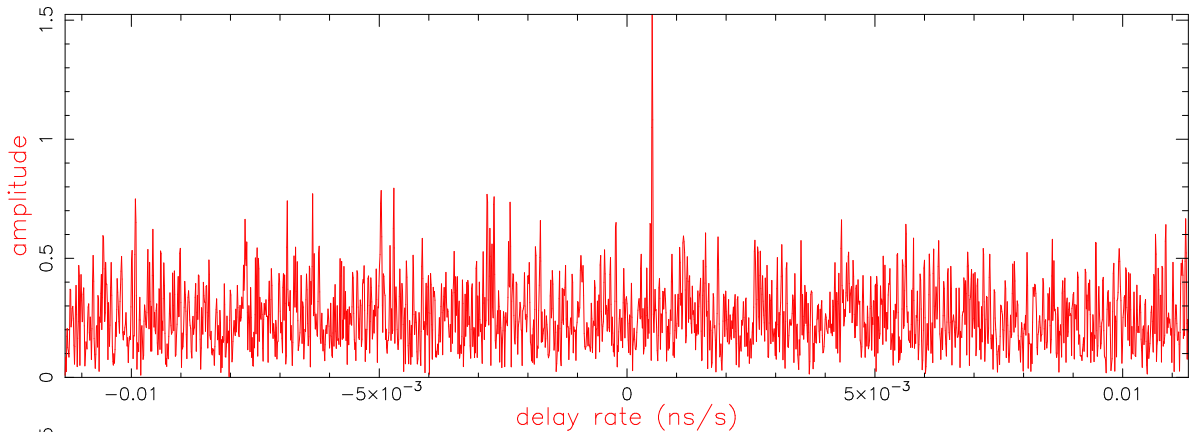
Freq (MHz)  
Phase  
Ampl.  
Sbd box  
APs used  
PC freqs  
PC freqs  
PC phase  
Manl PC  
PC amp  
Chan ids  
Chan ids

Group delay (usec)(sbd)	-1.22947206741E+03	Apriori delay (usec)	-1.22900372818E+03	Resid mbdelay (usec)	5.95285E-06	+/-	4.9E-03
Sband delay (usec)	-1.22947206418E+03	Apriori clock (usec)	-2.0855322E+03	Resid sbdelay (usec)	-4.68336E-01	+/-	4.9E-03
Phase delay (usec)	-1.22900372401E+03	Apriori clockrate (us/s)	-1.2300000E-06	Resid phdelay (usec)	4.17422E-06	+/-	3.9E-07
Delay rate (us/s)	6.20953653088E-01	Apriori rate (us/s)	6.20953062715E-01	Resid rate (us/s)	5.90373E-07	+/-	1.4E-09
Total phase (deg)	345.6	Apriori accel (us/s/s)	-7.85610287508E-05	Resid phase (deg)	38.0	+/-	12.2

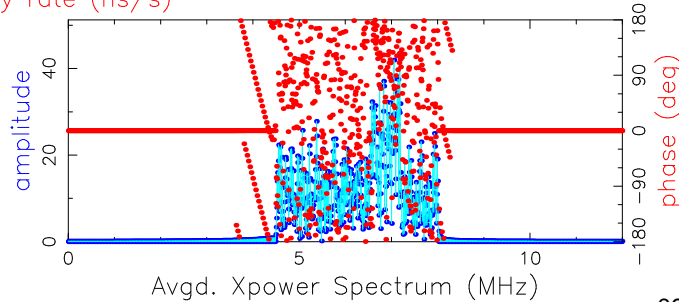
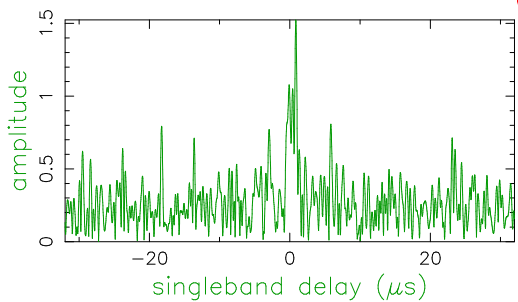
ph/seg (deg)	RMS 91.4	Theor. 93.4	Amplitude Search (2048X8)	1.027 +/- 0.109	0.987	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-1.000	1.000
amp/seg (%)	62.4	163.0	Interp.	0.000	0.000E+00	0.000E+00 (us/s)	SampCntNorm: enabled	mb window (us)	-0.000	0.000
ph/frq (deg)	0.0	6.1	Inc. seg. avg.	0.518	Sample rate(MISamp/s): 24	Data rate(Mb/s): 48	nlags: 1536 t_cohere infinite	dr window (ns/s)	-0.011	0.011
amp/frq (%)	70.7	10.6	Inc. frq. avg.	1.020				ion window (TEC)	0.00	0.00

A: az 352.0 el 32.0 pa 171.0 B: az 288.9 el 30.1 pa 47.0 u,v (fr/asec) -4423.264 -12674.662 simultaneous interpolator  
Control file: cf\_1234\_gmva\_line Input file: /Exps/c211d/v1/LINES1/1234/No0011/AB..1T5GQR Output file: /Exps/c211d/v1/LINES1/1234/No0011/AB.W.3.1T5GQR

Fringe quality 7

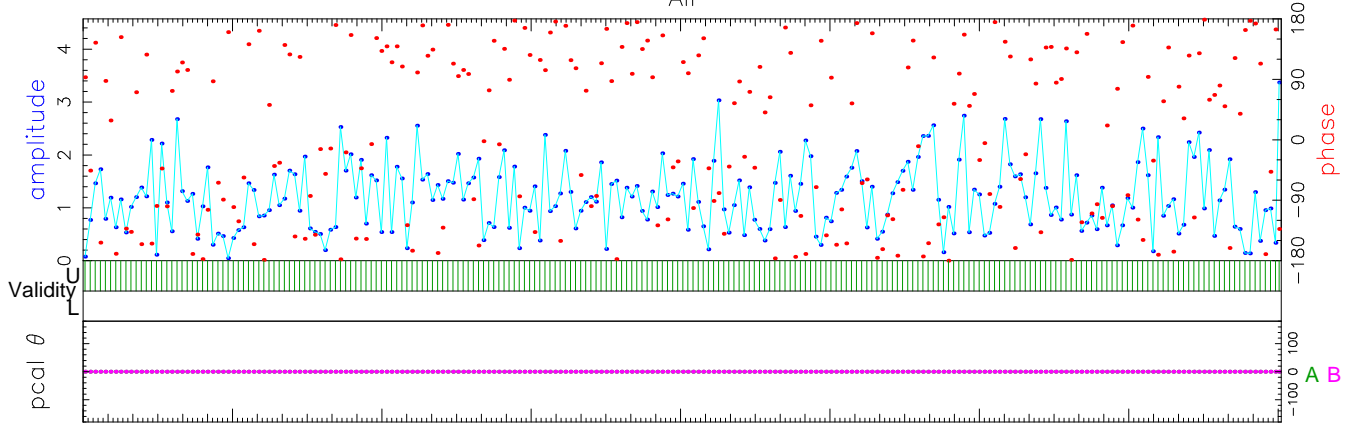


SNR 14.0  
Int time 479.984  
Amp 1.525  
Phase -41.4  
PFD 6.5e-37  
Delays (us)  
SBD 0.857195  
MBD 0.000005  
Fringe rate (Hz)  
0.043984  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512



Exp. c211d  
Exper # 16383  
Yr:day 2021:117  
Start 003000.00  
Stop 003800.26  
FRT 003400.00  
Corr/FF/build  
2021:228:033456  
2021:228:051905  
2021:057:122453  
RA & Dec (J2000)  
09h45m34.287498s  
+34°30'42.760780"

Amp. and Phase vs. time for each freq., 235 segs, 4 APs / seg (2.05 sec / seg.), time ticks 2 sec  
All



86227.00  
165.8  
0.4  
1578.1  
U/L 938/0  
A 0  
B 0  
A:B 0:0  
A:B 0:0  
A 1000  
B 1000  
A W03UY  
B W03UR

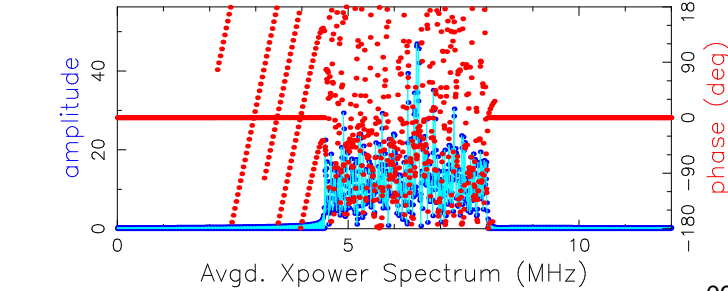
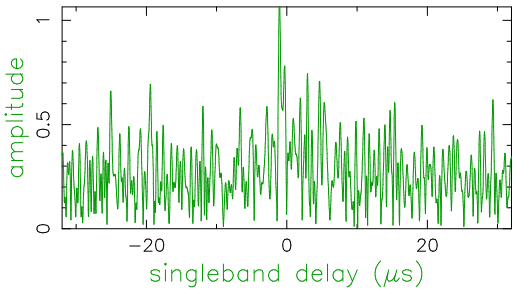
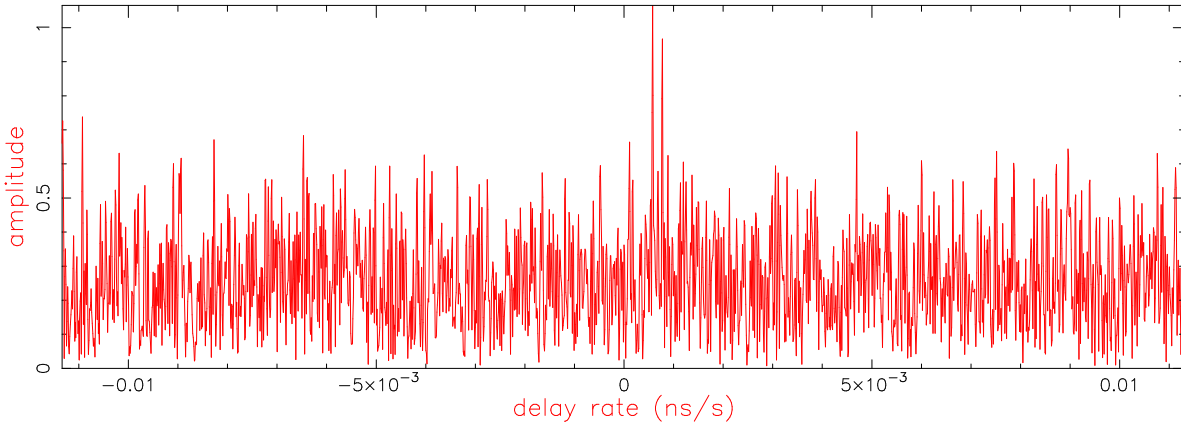
Freq (MHz)  
Phase  
Ampl.  
Sbd box  
APs used  
PC freqs  
PC freqs  
PC phase  
Manl PC  
PC amp  
Chan ids  
Chan ids

Group delay (usec)(sbd)	-1.22814653251E+03	Apriori delay (usec)	-1.22900372818E+03	Resid mbdelay (usec)	4.76565E-06	+/-	3.3E-03
Sband delay (usec)	-1.22814653352E+03	Apriori clock (usec)	-2.0855322E+03	Resid sbdelay (usec)	8.57195E-01	+/-	3.3E-03
Phase delay (usec)	-1.22900372284E+03	Apriori clockrate (us/s)	-1.2300000E-06	Resid phdelay (usec)	5.34655E-06	+/-	2.6E-07
Delay rate (us/s)	6.20953573320E-01	Apriori rate (us/s)	6.20953062715E-01	Resid rate (us/s)	5.10606E-07	+/-	9.5E-10
Total phase (deg)	-93.9	Apriori accel (us/s/s)	-7.85610287508E-05	Resid phase (deg)	-41.4	+/-	8.2

ph/seg (deg)	83.0	Theor.	62.9	Amplitude	1.525 +/- 0.109	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
amp/seg (%)	46.9	Search (2048X8)	1.496	Search	1.496	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -1.000 1.000
ph/frq (deg)	0.0	Interp.	0.000	Inc. seg. avg.	0.753	Bits/sample: 2x2	SampCntNorm: enabled
amp/frq (%)	70.7	Inc. frq. avg.	1.520	Inc. frq. avg.	1.520	Sample rate(MISamp/s): 24	mb window (us) -0.000 0.000
						Data rate(Mb/s): 48	dr window (ns/s) -0.011 0.011
						nlags: 1536 t_cohere infinite	ion window (TEC) 0.00 0.00

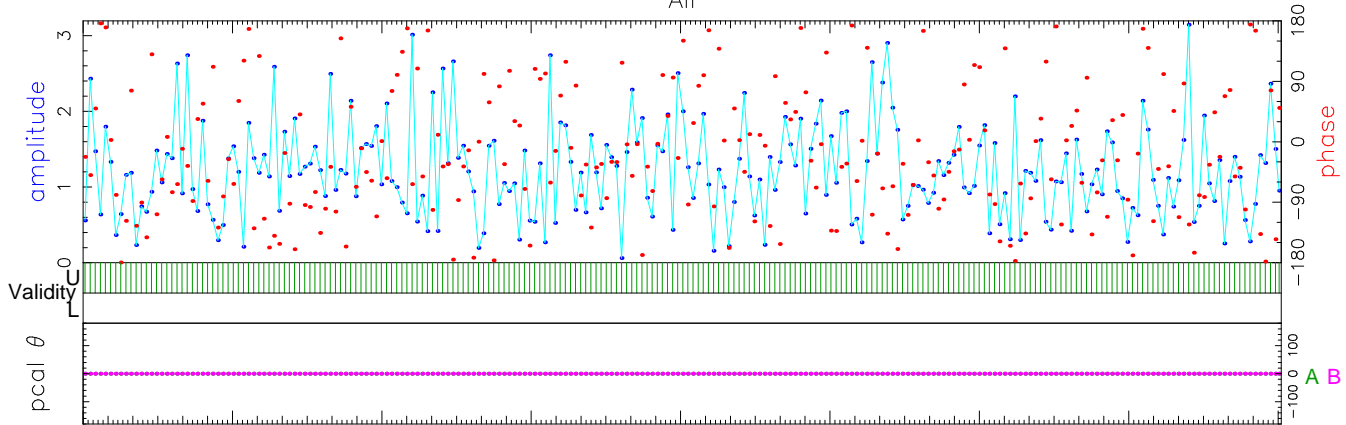
A: az 352.0 el 32.0 pa 171.0 B: az 288.9 el 30.1 pa 47.0 u,v (fr/asec) -4423.264 -12674.662 simultaneous interpolator  
Control file: cf\_1234\_gmva\_line Input file: /Exps/c211d/v1/LINES1/1234/No0011/AB..1T5GQR Output file: /Exps/c211d/v1/LINES1/1234/No0011/AB.W.6.1T5GQR

Fringe quality 8



SNR 9.8  
Int time 479.984  
Amp 1.065  
Phase 302.6  
PFD 3.3e-15  
Delays (us)  
SBD -1.000000  
MBD 0.000004  
Fringe rate (Hz)  
0.049651  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512  
Exp. c211d  
Exper # 16383  
Yr:day 2021:117  
Start 003000.00  
Stop 003800.26  
FRT 003400.00  
Corr/FF/build  
2021:228:033456  
2021:228:051906  
2021:057:122453  
RA & Dec (J2000)  
09h45m34.287498s  
+34°30'42.760780"

Amp. and Phase vs. time for each freq., 235 segs, 4 APs / seg (2.05 sec / seg.), time ticks 2 sec  
All



86227.00  
-57.4  
0.3  
1486.7  
U/L 938/0  
A 0  
B 0  
A:B 0:0  
A:B 0:0  
A 1000  
B 1000  
A W03UX  
B W03UR

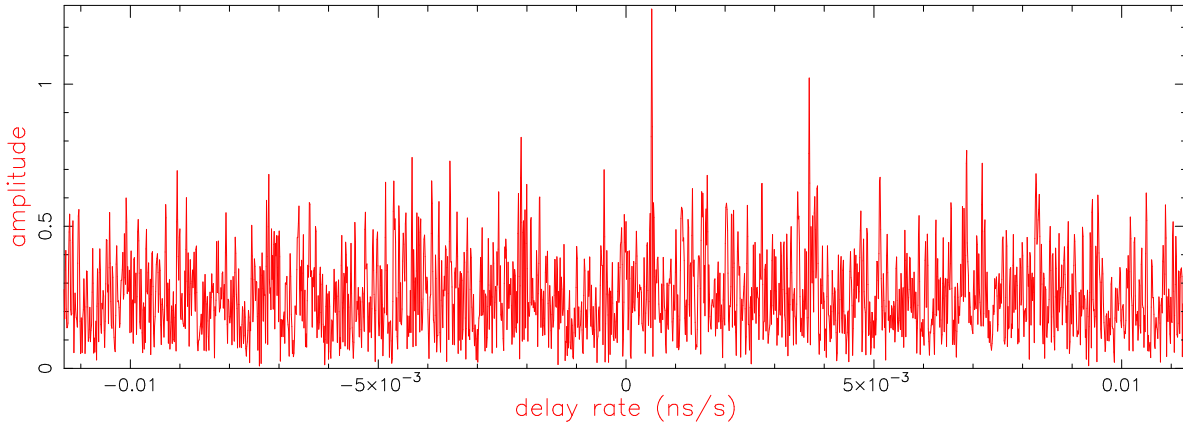
Freq (MHz)  
Phase  
Ampl.  
Sbd box  
APs used  
PC freqs  
PC freqs  
PC phase  
Manl PC  
PC amp  
Chan ids  
Chan ids

Group delay (usec)(sbd)	-1.23000372383E+03	Apriori delay (usec)	-1.22900372818E+03	Resid mbdelay (usec)	4.34913E-06	+/-	4.7E-03
Sband delay (usec)	-1.23000372818E+03	Apriori clock (usec)	-2.0855322E+03	Resid sbdelay (usec)	-1.00000E+00	+/-	4.7E-03
Phase delay (usec)	-1.22900373004E+03	Apriori clockrate (us/s)	-1.2300000E-06	Resid phdelay (usec)	-1.85179E-06	+/-	3.8E-07
Delay rate (us/s)	6.20953639108E-01	Apriori rate (us/s)	6.20953062715E-01	Resid rate (us/s)	5.76393E-07	+/-	1.4E-09
Total phase (deg)	250.1	Apriori accel (us/s/s)	-7.85610287508E-05	Resid phase (deg)	302.6	+/-	11.7

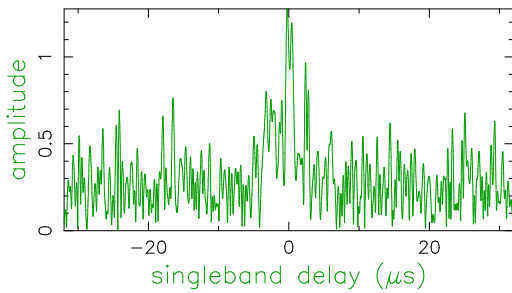
ph/seg (deg)	RMS 91.6	Theor. 90.0	Amplitude 1.065 +/- 0.109	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
amp/seg (%)	60.4	157.1	Search (2048X8) 1.051	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -1.000 1.000
ph/frq (deg)	0.0	5.9	Interp. 0.000	Bits/sample: 2x2	SampCntNorm: enabled
amp/frq (%)	70.7	10.2	Inc. seg. avg. 0.549	Sample rate(MISamp/s): 24	dr window (ns/s) -0.011 0.011
			Inc. frq. avg. 1.060	Data rate(Mb/s): 48	ion window (TEC) 0.00 0.00

A: az 352.0 el 32.0 pa 171.0 B: az 288.9 el 30.1 pa 47.0 u,v (fr/asec) -4423.264 -12674.662 simultaneous interpolator  
Control file: cf\_1234\_gmva\_line Input file: /Exps/c211d/v1/LINES1/1234/No0011/AB..1T5GQR Output file: /Exps/c211d/v1/LINES1/1234/No0011/AB.W.7.1T5GQR

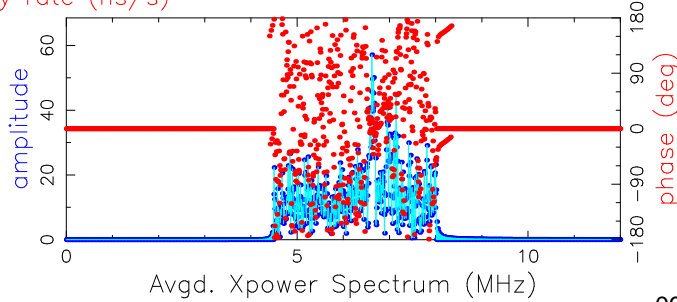
Fringe quality 7



SNR 11.7  
Int time 479.984  
Amp 1.277  
Phase 121.3  
PFD 2.9e-24  
Delays (us)  
SBD -0.250000  
MBD 0.000004  
Fringe rate (Hz)  
0.044401  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512

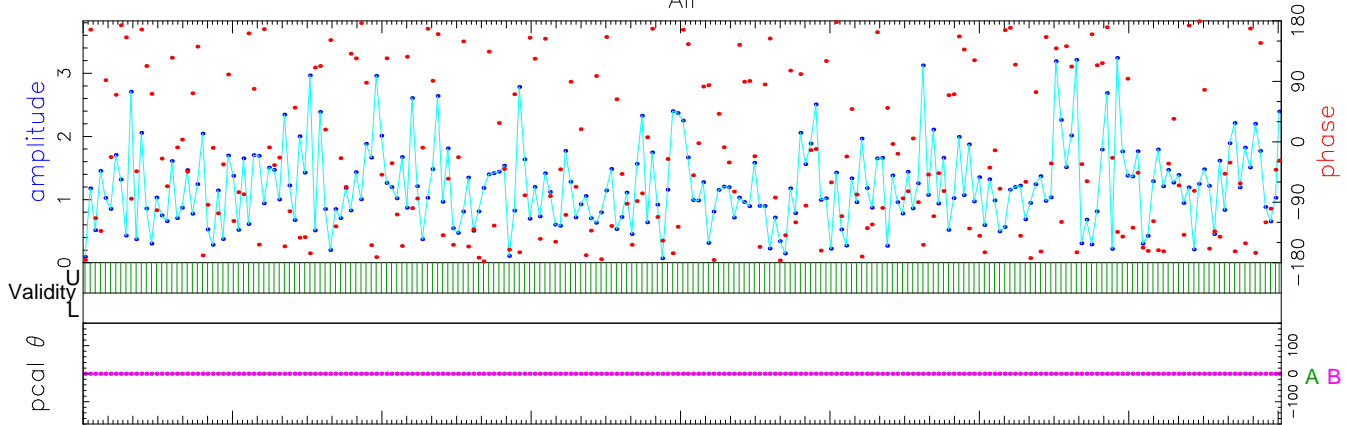


delay rate (ns/s)



Exp. c211d  
Exper # 16383  
Yr:day 2021:117  
Start 003000.00  
Stop 003800.26  
FRT 003400.00  
Corr/FF/build  
2021:228:033456  
2021:228:051907  
2021:057:122453  
RA & Dec (J2000)  
09h45m34.287498s  
+34°30'42.760780"

Amp. and Phase vs. time for each freq., 235 segs, 4 APs / seg (2.05 sec / seg.), time ticks 2 sec  
All



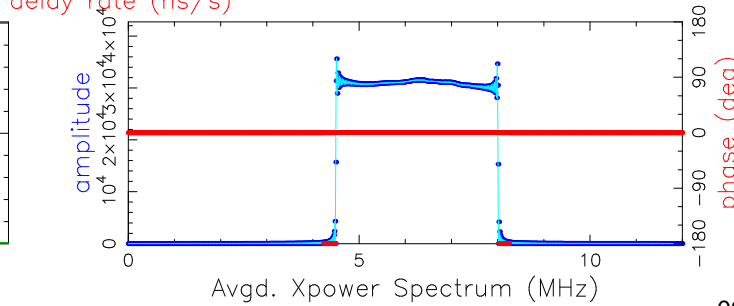
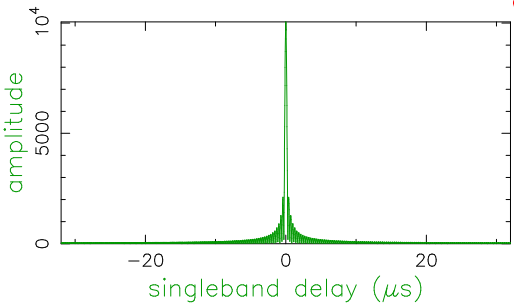
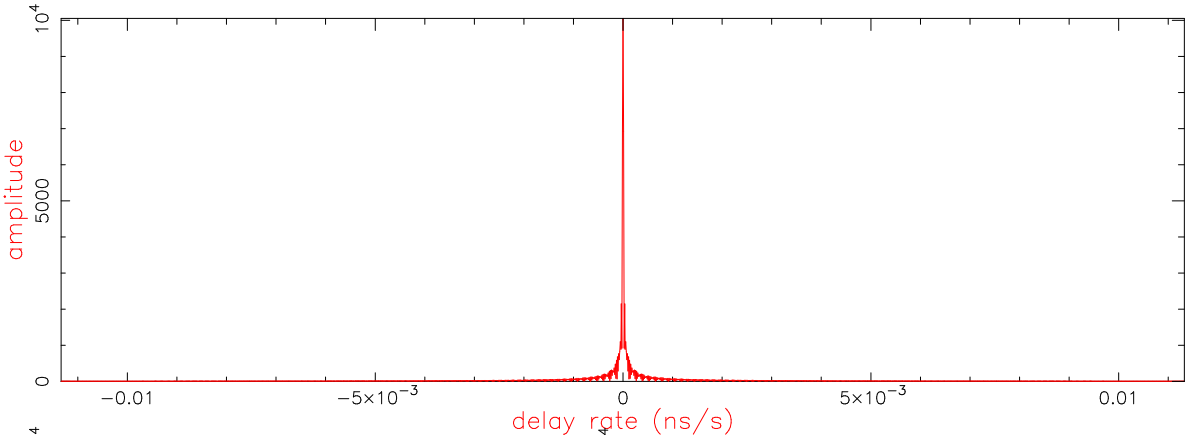
86227.00  
-148.8  
0.4  
1526.0  
U/L 938/0  
A 0  
B 0  
A:B 0:0  
A:B 0:0  
A 1000  
B 1000  
A W03UY  
B W03UL

Freq (MHz)  
Phase  
Ampl.  
Sbd box  
APs used  
PC freqs  
PC freqs  
PC phase  
Manl PC  
PC amp  
Chan ids  
Chan ids

Group delay (usec)(sbd)	-1.22925372668E+03	Apriori delay (usec)	-1.22900372818E+03	Resid mbdelay (usec)	4.39862E-06	+/-	3.9E-03
Sband delay (usec)	-1.22925372818E+03	Apriori clock (usec)	-2.0855322E+03	Resid sbdelay (usec)	-2.50000E-01	+/-	3.9E-03
Phase delay (usec)	-1.22900373298E+03	Apriori clockrate (us/s)	-1.2300000E-06	Resid phdelay (usec)	-4.79726E-06	+/-	3.2E-07
Delay rate (us/s)	6.20953578169E-01	Apriori rate (us/s)	6.20953062715E-01	Resid rate (us/s)	5.15454E-07	+/-	1.1E-09
Total phase (deg)	68.9	Apriori accel (us/s/s)	-7.85610287508E-05	Resid phase (deg)	121.3	+/-	9.8

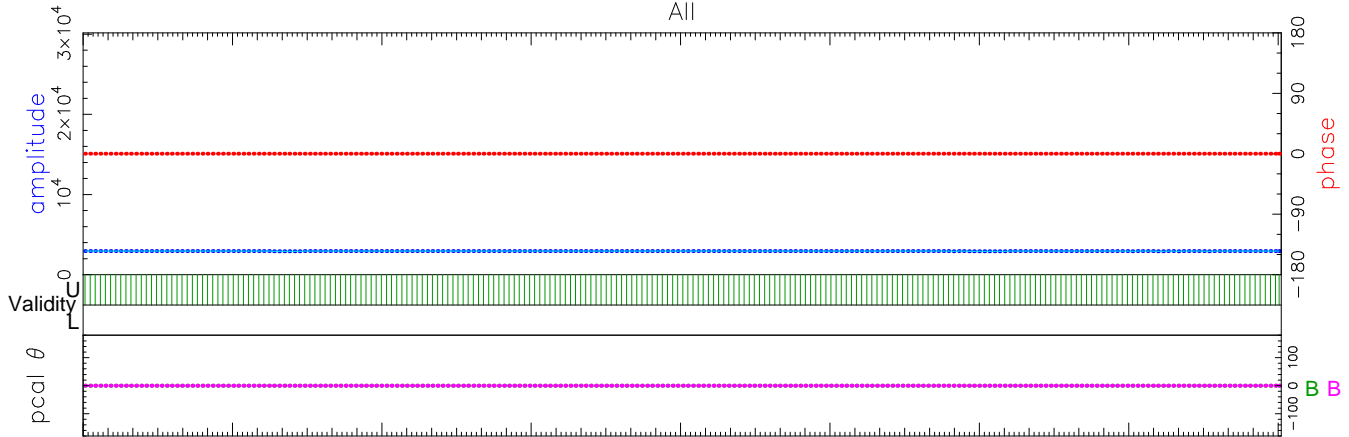
ph/seg (deg)	RMS 86.0	Theor. 75.1	Amplitude Search (2048X8)	1.277 +/- 0.109	1.168	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
amp/seg (%)	51.3	131.0	Interp.	0.000	0.000E+00 (us/s)	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -1.000 1.000	
ph/frq (deg)	0.0	4.9	Inc. seg. avg.	0.656	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us) -0.000 0.000	
amp/frq (%)	71.0	8.5	Inc. frq. avg.	1.261	Sample rate(MISamp/s): 24	Data rate(Mb/s): 48	dr window (ns/s) -0.011 0.011	
				u,v (fr/asec) -4423.264 -12674.662		nlags: 1536 t_cohere infinite		ion window (TEC) 0.00 0.00

A: az 352.0 el 32.0 pa 171.0 B: az 288.9 el 30.1 pa 47.0 simultaneous interpolator  
Control file: cf\_1234\_gmva\_line Input file: /Exps/c211d/v1/LINES1/1234/No0011/AB..1T5GQR Output file: /Exps/c211d/v1/LINES1/1234/No0011/AB.W.8.1T5GQR



Fringe quality 5  
SNR 92230.7  
Int time 479.984  
Amp 10055.618  
Phase -0.1  
PFD 0.0e+00  
Delays (us)  
SBD 0.000000  
MBD -0.000007  
Fringe rate (Hz)  
0.000000  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512  
Exp. c211d  
Exper # 16383  
Yr:day 2021:117  
Start 003000.00  
Stop 003800.26  
FRT 003400.00  
Corr/FF/build  
2021:228:033456  
2021:228:051904  
2021:057:122453  
RA & Dec (J2000)  
09h45m34.287498s  
+34°30'42.760780"

Amp. and Phase vs. time for each freq., 235 segs, 4 APs / seg (2.05 sec / seg.), time ticks 2 sec



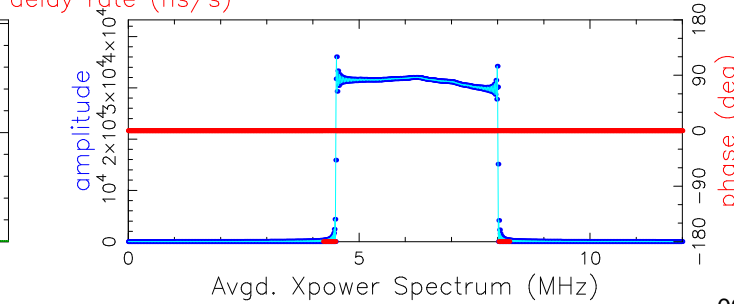
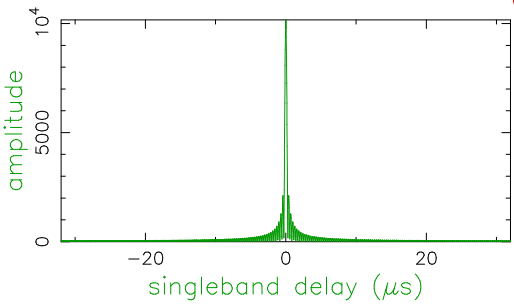
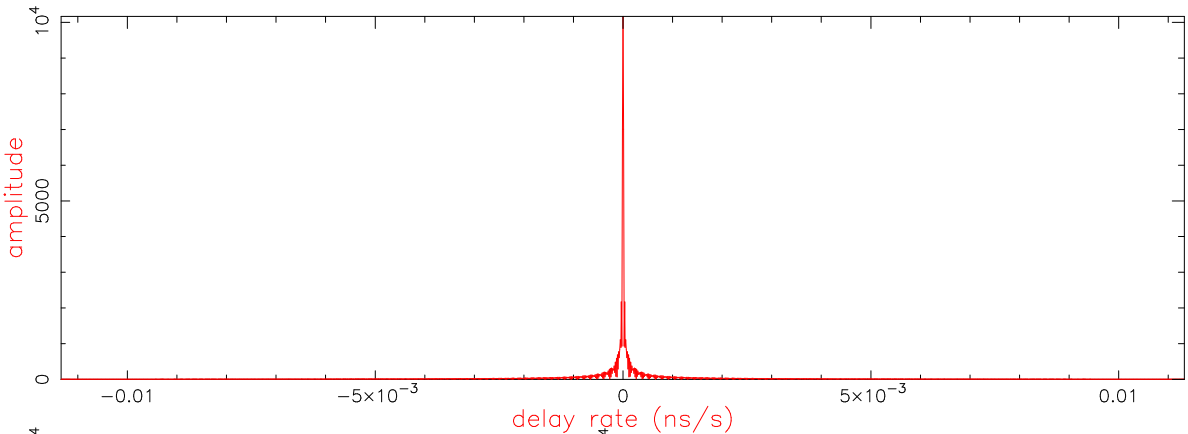
86227.00  
0.2  
2946.0  
1537.0  
U/L 938/0  
B 0  
B 0  
B:B 0:0  
B:B 0:0  
B 1000  
B 1000  
B W03UL  
B W03UL

Freq (MHz)  
Phase  
Ampl.  
Sbd box  
APs used  
PC freqs  
PC freqs  
PC phase  
Manl PC  
PC amp  
Chan ids  
Chan ids

Group delay (usec)(sbd)	4.35327681585E-06	Apriori delay (usec)	0.0000000000E+00	Resid mbdelay (usec)	-7.24402E-06	+/-	5.0E-07
Sband delay (usec)	0.0000000000E+00	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	0.00000E+00	+/-	5.0E-07
Phase delay (usec)	7.82091639912E-09	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	7.82092E-09	+/-	4.0E-11
Delay rate (us/s)	0.0000000000E+00	Apriori rate (us/s)	0.0000000000E+00	Resid rate (us/s)	0.00000E+00	+/-	1.4E-13
Total phase (deg)	-0.1	Apriori accel (us/s/s)	0.0000000000E+00	Resid phase (deg)	-0.1	+/-	0.0

ph/seg (deg)	0.0	Theor.	0.0	Amplitude	10055.618 +/- 0.109	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
amp/seg (%)	70.7		0.0	Search (2048X8)	10055.618	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -1.000 1.000
ph/frq (deg)	0.0		0.0	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled
amp/frq (%)	70.7		0.0	Inc. seg. avg.	2945.982	Sample rate(MISamp/s): 24	mb window (us) -0.000 0.000
				Inc. frq. avg.	10055.618	Data rate(Mb/s): 48	dr window (ns/s) -0.011 0.011
						nlags: 1536 t_cohere infinite	ion window (TEC) 0.00 0.00

B: az 288.9 el 30.1 pa 47.0      B: az 288.9 el 30.1 pa 47.0      u,v (fr/asec) 0.000 0.000      simultaneous interpolator  
Control file: cf\_1234\_gmva\_line      Input file: /Exps/c211d/v1/LINES1/1234/No0011/BB..1T5GQR      Output file: /Exps/c211d/v1/LINES1/1234/No0011/BB.W.2.1T5GQR

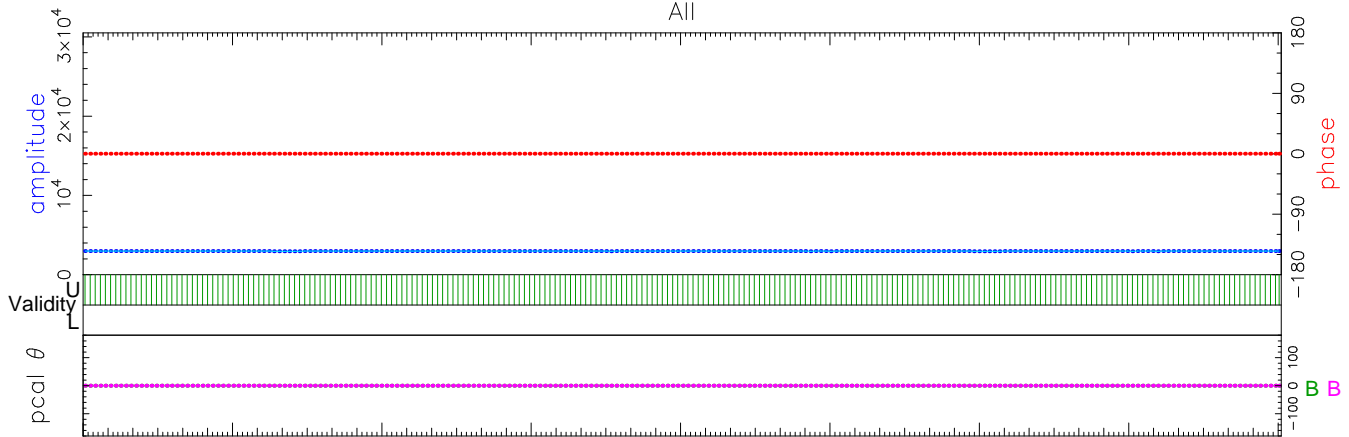


Fringe quality 5

SNR 93276.8  
Int time 479.984  
Amp 10169.674  
Phase -0.2  
PFD 0.0e+00  
Delays (us)  
SBD 0.000000  
MBD -0.000006  
Fringe rate (Hz)  
0.000000  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512

Exp. c211d  
Exper # 16383  
Yr:day 2021:117  
Start 003000.00  
Stop 003800.26  
FRT 003400.00  
Corr/FF/build  
2021:228:033456  
2021:228:051905  
2021:057:122453  
RA & Dec (J2000)  
09h45m34.287498s  
+34°30'42.760780"

Amp. and Phase vs. time for each freq., 235 segs, 4 APs / seg (2.05 sec / seg.), time ticks 2 sec



86227.00  
0.2  
2979.4  
1537.0  
U/L 938/0  
B 0  
B 0  
B:B 0:0  
B:B 0:0  
B 1000  
B 1000  
B W03UR  
B W03UR

Freq (MHz)  
Phase  
Ampl.  
Sbd box  
APs used  
PC freqs  
PC freqs  
PC phase  
Manl PC  
PC amp  
Chan ids  
Chan ids

Group delay (usec)(sbd)	5.68267480024E-06	Apriori delay (usec)	0.0000000000E+00	Resid mbdelay (usec)	-5.91462E-06	+/-	4.9E-07
Sband delay (usec)	0.0000000000E+00	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	0.00000E+00	+/-	4.9E-07
Phase delay (usec)	6.38564808535E-09	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	6.38565E-09	+/-	4.0E-11
Delay rate (us/s)	0.0000000000E+00	Apriori rate (us/s)	0.0000000000E+00	Resid rate (us/s)	0.00000E+00	+/-	1.4E-13
Total phase (deg)	-0.2	Apriori accel (us/s/s)	0.0000000000E+00	Resid phase (deg)	-0.2	+/-	0.0

ph/seg (deg)	0.0	Theor.	0.0	Amplitude	10169.674 +/- 0.109	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
amp/seg (%)	70.7		0.0	Search (2048X8)	10169.674	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -1.000 1.000
ph/frq (deg)	0.0		0.0	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled
amp/frq (%)	70.7		0.0	Inc. seg. avg.	2979.397	Sample rate(MISamp/s): 24	dr window (ns/s) -0.011 0.011
				Inc. frq. avg.	10169.674	Data rate(Mb/s): 48	ion window (TEC) 0.00 0.00

B: az 288.9 el 30.1 pa 47.0      B: az 288.9 el 30.1 pa 47.0      u,v (fr/asec) 0.000 0.000      simultaneous interpolator

Control file: cf\_1234\_gmva\_line      Input file: /Exps/c211d/v1/LINES1/1234/No0011/BB..1T5GQR      Output file: /Exps/c211d/v1/LINES1/1234/No0011/BB.W.5.1T5GQR