

Fringe quality 9

SNR 30558.0

Int time 4.995

Ampl 10000.000

Phase 0.1

PFD 0.0e+00

Delays (us)

SBD 0.000000

MBD -0.000003

Fringe rate (Hz)

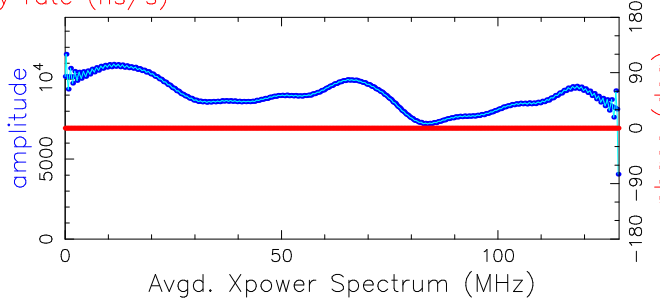
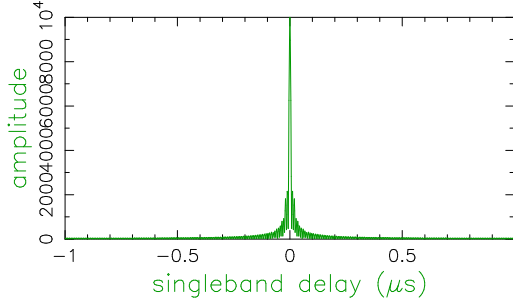
0.000000

Ion TEC 0.000

Ref freq (MHz)

231200.0000

AP (sec) 0.500



Exp. ext

Exper # 7000

Yr:day 2017:124

Start 054200.00

Stop 054205.00

FRT 055840.00

Corr/FF/build

2017:133:082353

2017:133:082354

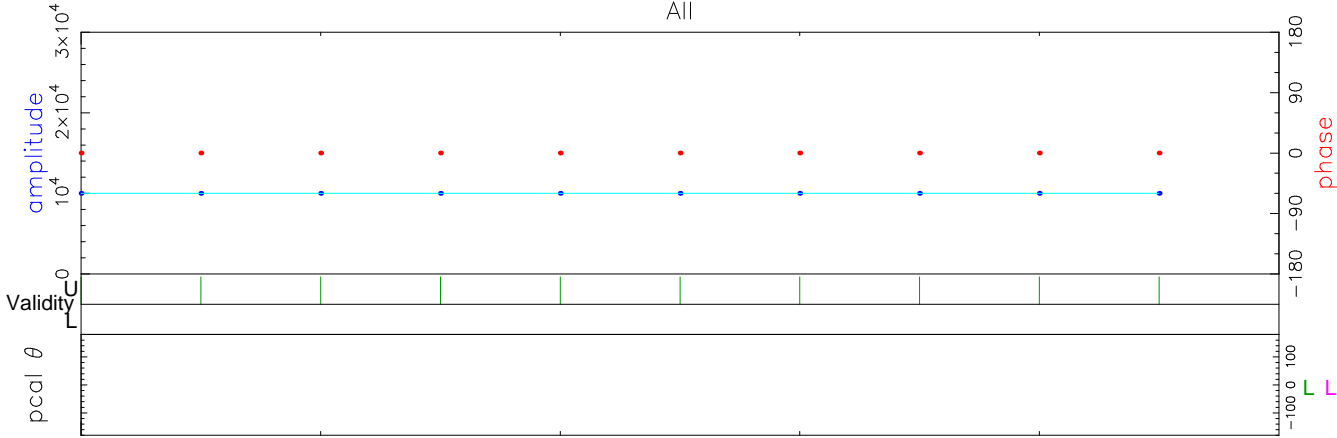
2017:090:074005

RA & Dec (J2000)

12h30m49.4233s

+12°23'28.043"

Amp. and Phase vs. time for each freq., 10 segs, 1 APs / seg (0.50 sec / seg.), time ticks 1 sec



231200.00

0.1

10000.0

513.0

U/L 10/0

L -inf

L -inf

L:L 0:0

L:L 0:0

L 0

L 0

L B00UR

L B00UR

Freq (MHz)

Phase

Ampl.

Sbd box

APs used

PC R delays (ns)

PC R delays (ns)

PC phase

Mani PC

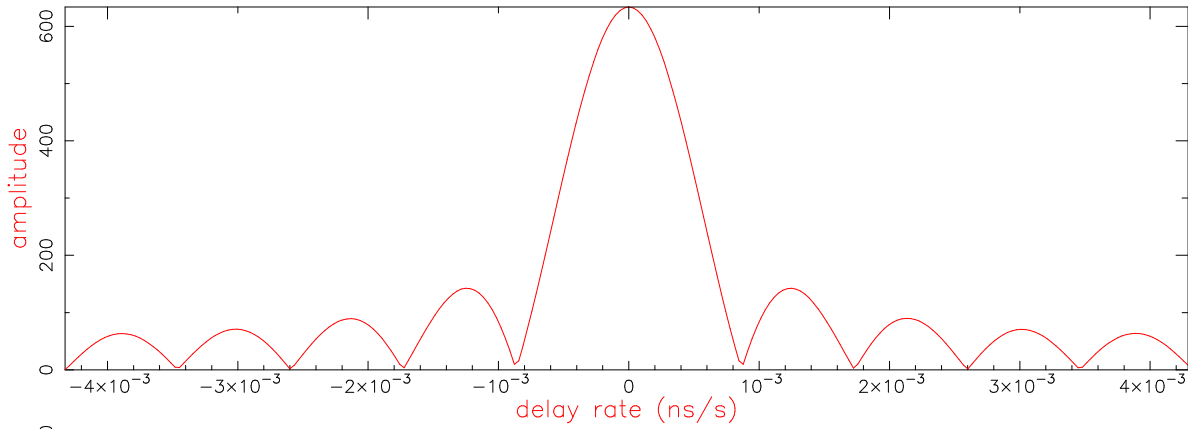
PC amp

Chan ids

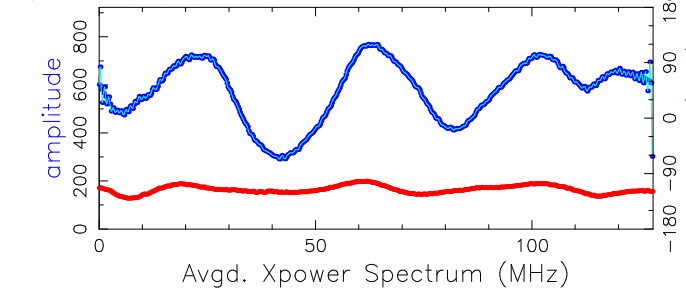
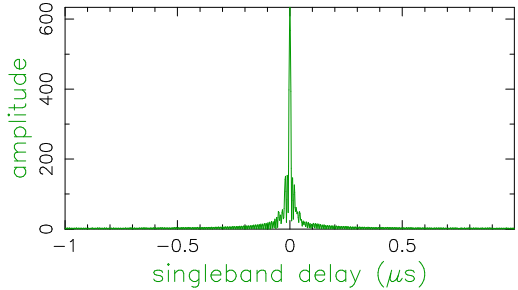
Chan ids

Group delay (usec)(model)	-2.54325259516E-06	Apriori delay (usec)	0.00000000000E+00	Resid mbdelay (usec)	-2.54325E-06	+/-	1.4E-07
Sband delay (usec)	0.00000000000E+00	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	0.00000E+00	+/-	1.4E-07
Phase delay (usec)	7.04014559213E-10	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	7.04015E-10	+/-	4.5E-11
Delay rate (us/s)	0.00000000000E+00	Apriori rate (us/s)	0.00000000000E+00	Resid rate (us/s)	0.00000E+00	+/-	1.6E-11
Total phase (deg)	0.1	Apriori accel (us/s/s)	0.00000000000E+00	Resid phase (deg)	0.1	+/-	0.0

ph/seg (deg)	0.0	RMS	0.0	Theor.	0.0	Amplitude	10000.000 +/- 0.327	Pcal mode:	MULTITONE, MULTITONE	PC period (AP's)	5, 5	sb window (us)	-1.000	1.000
amp/seg (%)	0.0		0.0		0.0	Search (32X8)	10000.000	Pcal rate:	0.000E+00, 0.000E+00 (us/s)			mb window (us)	-0.000	0.000
ph/frq (deg)	0.0		0.0		0.0	Interp.	0.000	Bits/sample:	2x2	SampCntNorm:	disabled	dr window (ns/s)	-0.004	0.004
amp/frq (%)	0.0		0.0		0.0	Inc. seg. avg.	10000.000	Sample rate(MSamp/s):	256			ion window (TEC)	0.00	0.00
						Inc. frq. avg.	10000.000	Data rate(Mb/s):	512	nlags:	512	t_cohere	infinite	



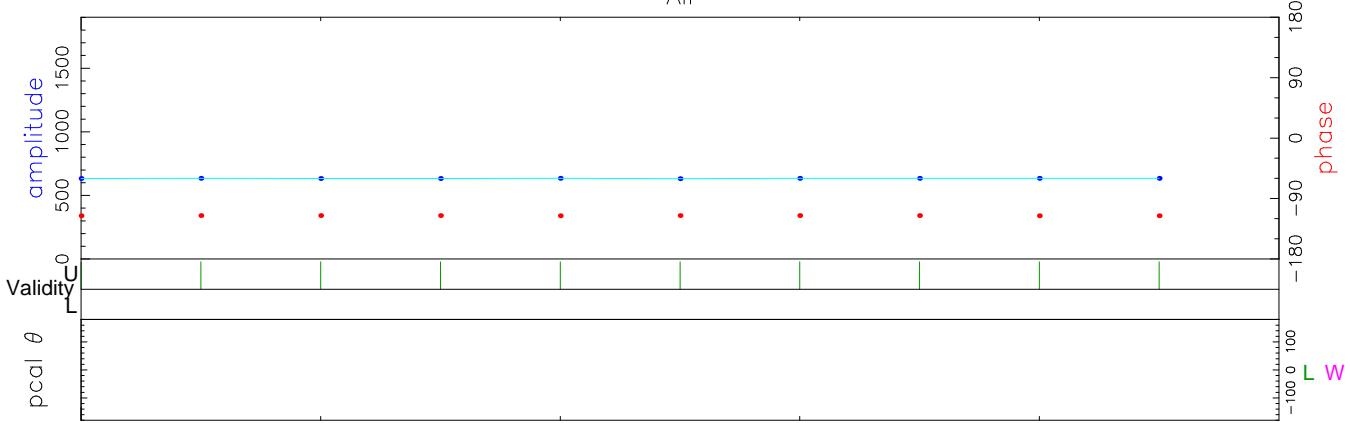
Fringe quality 9
SNR 1936.8
Int time 4.995
Amp 633.815
Phase -115.4
PFD 0.0e+00
Delays (us)
SBD -0.000017
MBD -0.000003
Fringe rate (Hz)
-0.000028
Ion TEC 0.000
Ref freq (MHz)
231200.0000
AP (sec) 0.500



Exp. ext
Exper # 7000
Yr:day 2017:124
Start 054200.00
Stop 054205.00
FRT 055840.00
Corr/FF/build
2017:133:082353
2017:133:082354
2017:090:074005
RA & Dec (J2000)
12h30m49.4233s
+12°23'28.043"

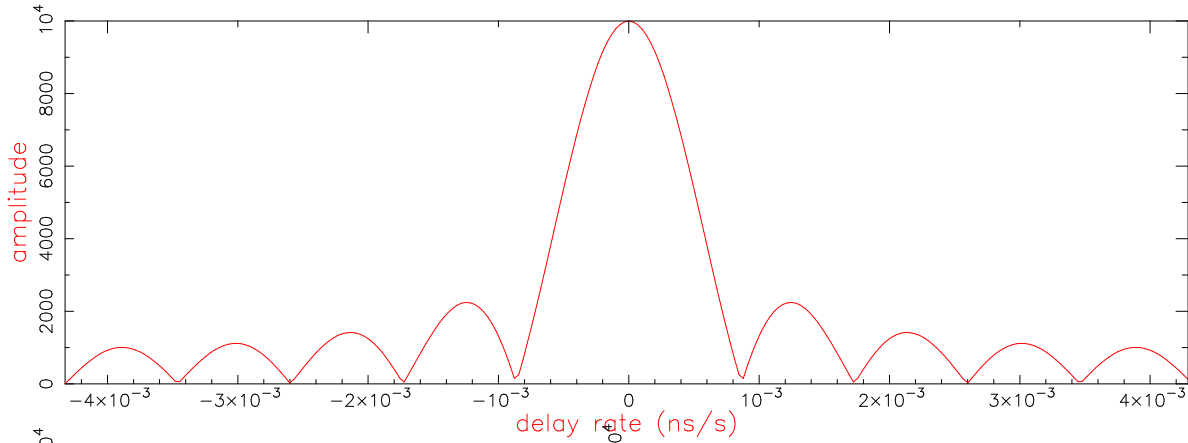
Amp. and Phase vs. time for each freq., 10 segs, 1 APs / seg (0.50 sec / seg.), time ticks 1 sec

All



231200.00	-115.4	633.8	513.0	U/L 10/0	L -inf	W -inf	L:W 0:0	L:W 0:0	L 0	W 0	L B00UR	W B00UR	231200.00	-115.4	633.8	513.0	U/L 10/0	L -inf	W -inf	L:W 0:0	L:W 0:0	L 0	W 0	L B00UR	W B00UR	231200.00	-115.4	633.8	513.0	U/L 10/0	L -inf	W -inf	L:W 0:0	L:W 0:0	L 0	W 0	L B00UR	W B00UR
												Freq (MHz) Phase Ampl. Sbd box APs used PC R delays (ns) PC R delays (ns) PC phase Mani PC PC amp Chan ids Chan ids																										
Group delay (usec)(model)	-2.68079584775E-06	Apriori delay (usec)	0.0000000000E+00	Resid mbdelay (usec)	-2.68080E-06	+/-	2.2E-06																															
Sband delay (usec)	-1.73750000000E-05	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	-1.73750E-05	+/-	2.2E-06																															
Phase delay (usec)	-1.38680353367E-06	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	-1.38680E-06	+/-	7.1E-10																															
Delay rate (us/s)	-1.21107266436E-10	Apriori rate (us/s)	0.0000000000E+00	Resid rate (us/s)	-1.21107E-10	+/-	2.5E-10																															
Total phase (deg)	-115.4	Apriori accel (us/s/s)	0.0000000000E+00	Resid phase (deg)	-115.4	+/-	0.1																															

ph/seg (deg) 0.1 0.1 Search (32X8) 633.809 Pcal mode: MULTITONE, MULTITONE PC period (AP's) 5, 5
 amp/seg (%) 0.1 0.2 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 ph/frq (deg) 0.0 0.0 Inc. seg. avg. 633.809 Bits/sample: 2x2 SampCntNorm: disabled mb window (us) -0.000 0.000
 amp/frq (%) 0.0 0.1 Inc. frq. avg. 633.809 Sample rate(MSamp/s): 256 Data rate(Mb/s): 512 nlags: 512 t_cohere infinite dr window (ns/s) -0.004 0.004
 L: az 265.5 el 14.3 pa 17.8 W: az 265.5 el 14.3 pa 17.8 u,v (fr/asec) 0.000 0.000 ion window (TEC) 0.00 0.00
 Control file: cf-7000 Input file: /data/lupin/ext-7000/7000/124-0542/LW..zmiwoc Output file: /data/lupin/ext-7000/7000/124-0542/LW.B.1.zmiwoc simultaneous interpolator



Fringe quality 9

SNR 30558.0

Int time 4.995

Amp 10000.000

Phase 0.0

PFD 0.0e+00

Delays (us)

SBD 0.000000

MBD -0.000002

Fringe rate (Hz)

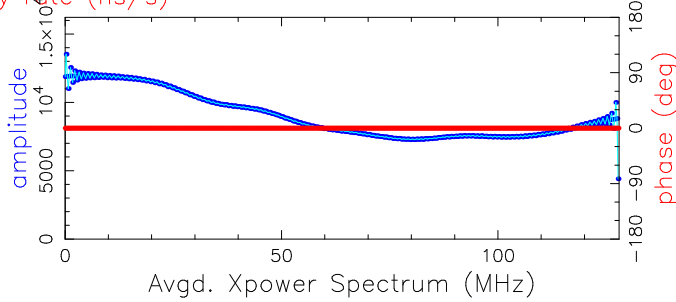
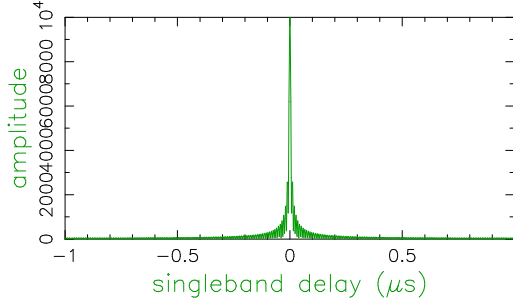
0.000000

Ion TEC 0.000

Ref freq (MHz)

231200.0000

AP (sec) 0.500



Exp. ext

Exper # 7000

Yr:day 2017:124

Start 054200.00

Stop 054205.00

FRT 055840.00

Corr/FF/build

2017:133:082353

2017:133:082354

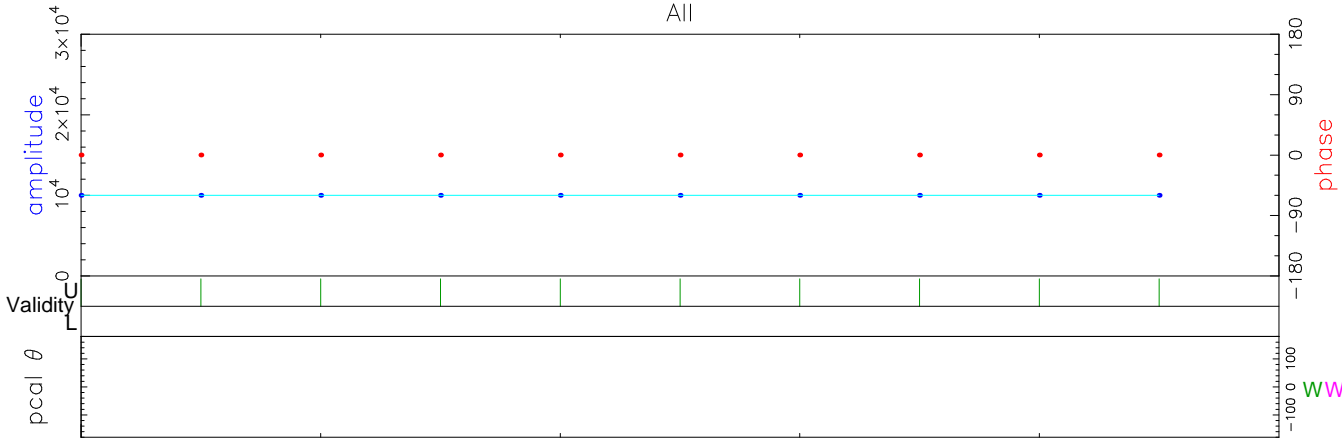
2017:090:074005

RA & Dec (J2000)

12h30m49.4233s

+12°23'28.043"

Amp. and Phase vs. time for each freq., 10 segs, 1 APs / seg (0.50 sec / seg.), time ticks 1 sec



231200.00	0.0	10000.0	513.0	U/L 10/0	W -inf	W -inf	W:W 0:0	W:W 0:0	W 0	W 0	W B00UR	W B00UR	231200.00	0.0	10000.0	513.0	U/L 10/0	W -inf	W -inf	W:W 0:0	W:W 0:0	W 0	W 0	W B00UR	W B00UR	231200.00	0.0	10000.0	513.0	U/L 10/0	W -inf	W -inf	W:W 0:0	W:W 0:0	W 0	W 0	W B00UR	W B00UR	
Group delay (usec)(model)	-1.84685121107E-06	Apriori delay (usec)	0.0000000000E+00	Resid mbdelay (usec)	-1.84685E-06	+/-	1.4E-07	Sband delay (usec)	0.0000000000E+00	Apriori clock (usec)	0.0000000E+00	Resid sbdelay (usec)	0.00000E+00	+/-	1.4E-07	Phase delay (usec)	5.11239089570E-10	Apriori clockrate (us/s)	0.0000000E+00	Resid phdelay (usec)	5.11239E-10	+/-	4.5E-11	Delay rate (us/s)	0.0000000000E+00	Apriori rate (us/s)	0.0000000000E+00	Resid rate (us/s)	0.00000E+00	+/-	1.6E-11	Total phase (deg)	0.0	Apriori accel (us/s/s)	0.0000000000E+00	Resid phase (deg)	0.0	+/-	0.0

ph/seg (deg) 0.0 0.0 Search (32X8) 10000.000 +/- 0.327 Pcal mode: MULTITONE, MULTITONE PC period (AP's) 5, 5

amp/seg (%) 0.0 0.0 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000

ph/frq (deg) 0.0 0.0 Inc. seg. avg. 10000.000 Bits/sample: 2x2 SampCntNorm: disabled mb window (us) -0.000 0.000

amp/frq (%) 0.0 0.0 Inc. frq. avg. 10000.000 Sample rate(MSamp/s): 256 Data rate(Mb/s): 512 nlags: 512 t_cohere infinite dr window (ns/s) -0.004 0.004

W: az 265.5 el 14.3 pa 17.8 W: az 265.5 el 14.3 pa 17.8 u,v (fr/asec) 0.000 0.000 ion window (TEC) 0.00 0.00 simultaneous interpolator

Control file: cf-7000 Input file: /data/lupin/ext-7000/7000/124-0542/WW...zmiwoc Output file: /data/lupin/ext-7000/7000/124-0542/WW.B.3.zmiwoc