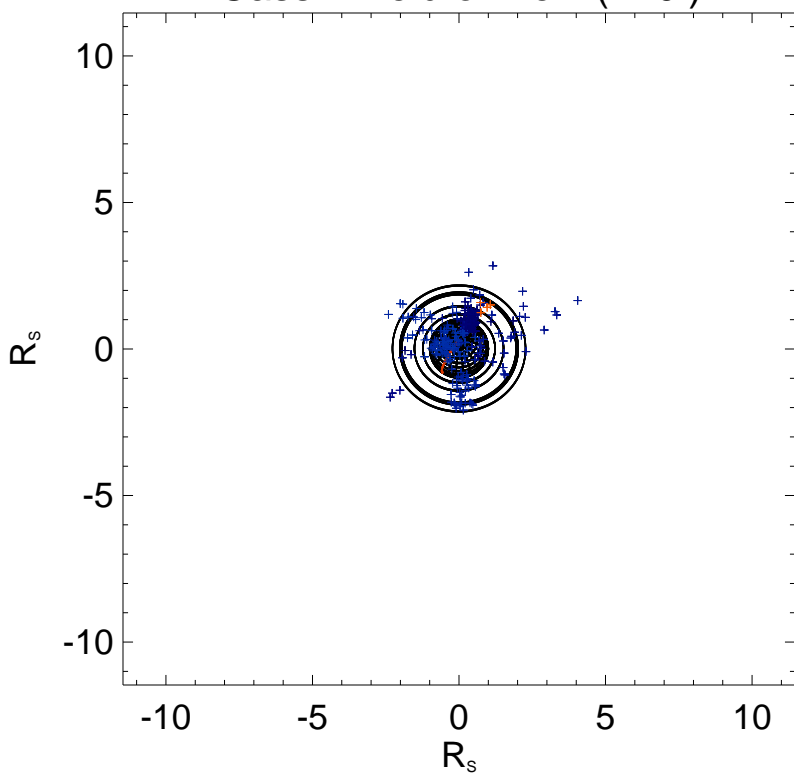


Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

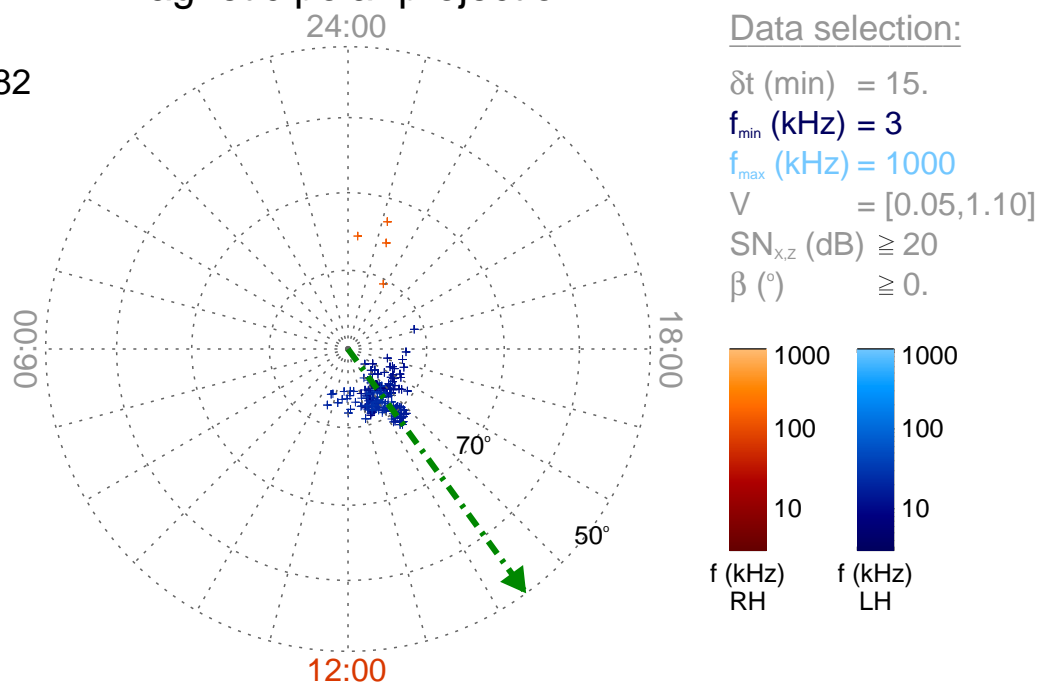
Time : 00:00

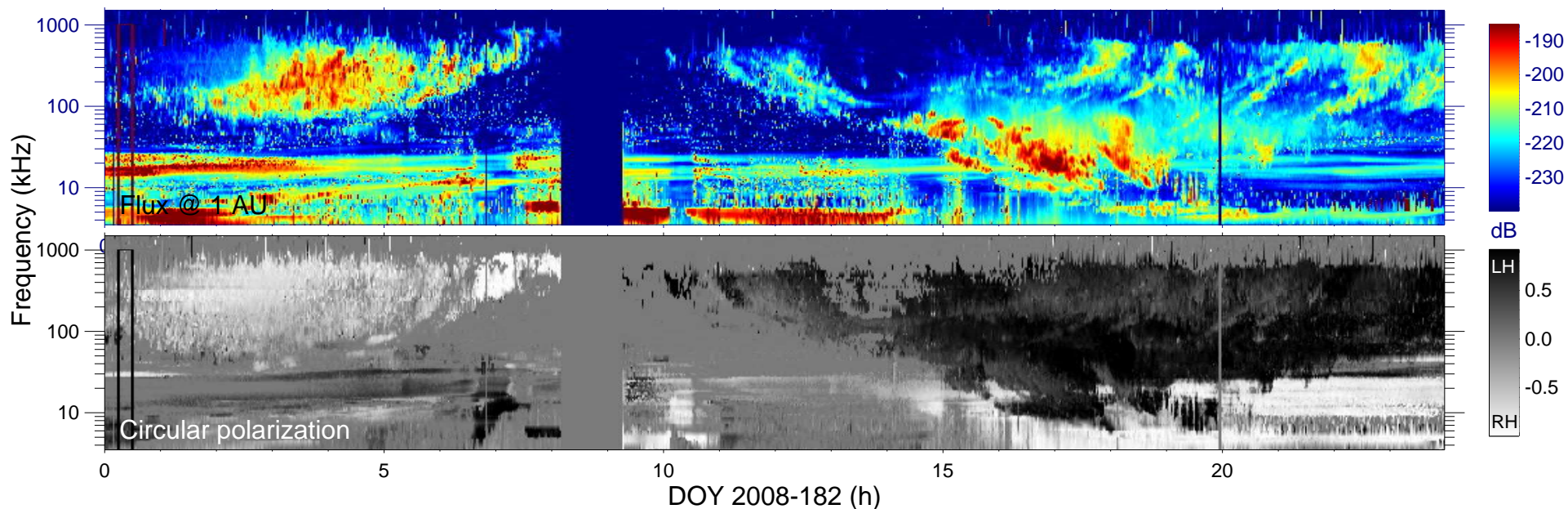
$r_{S/C} (R_s) = 6.62$

$\lambda_{S/C} (^\circ) = 71.26$

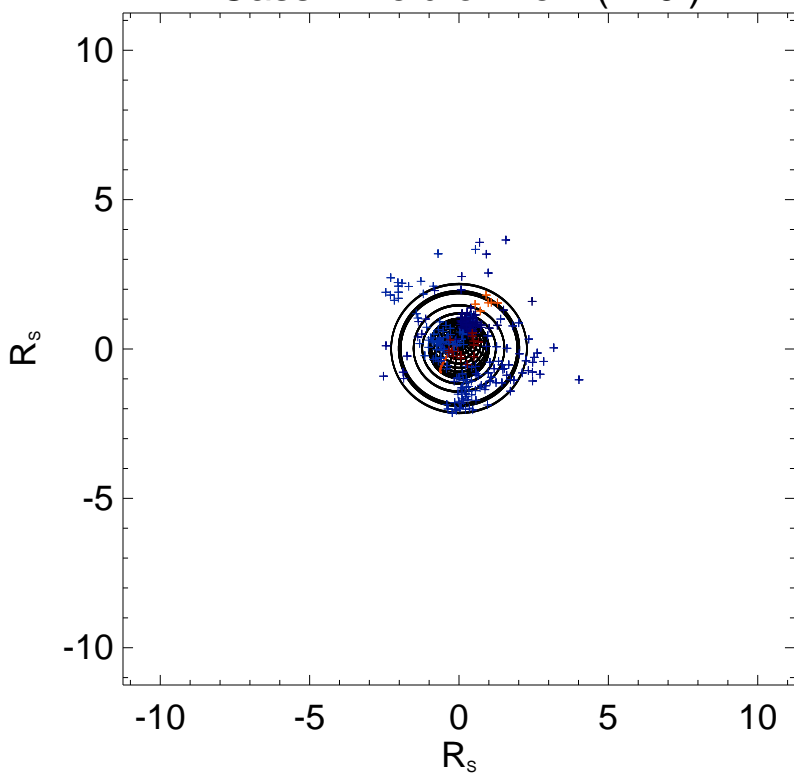
$TL_{S/C} = 14:24$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

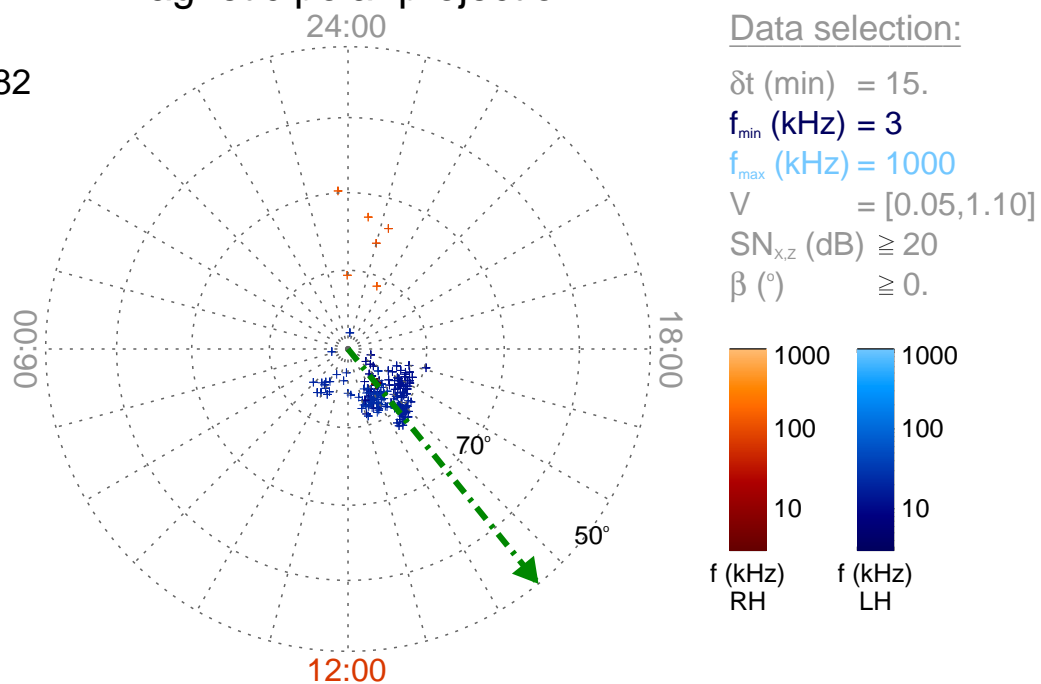
Time : 00:15

$r_{S/C}$  ( $R_s$ ) = 6.49

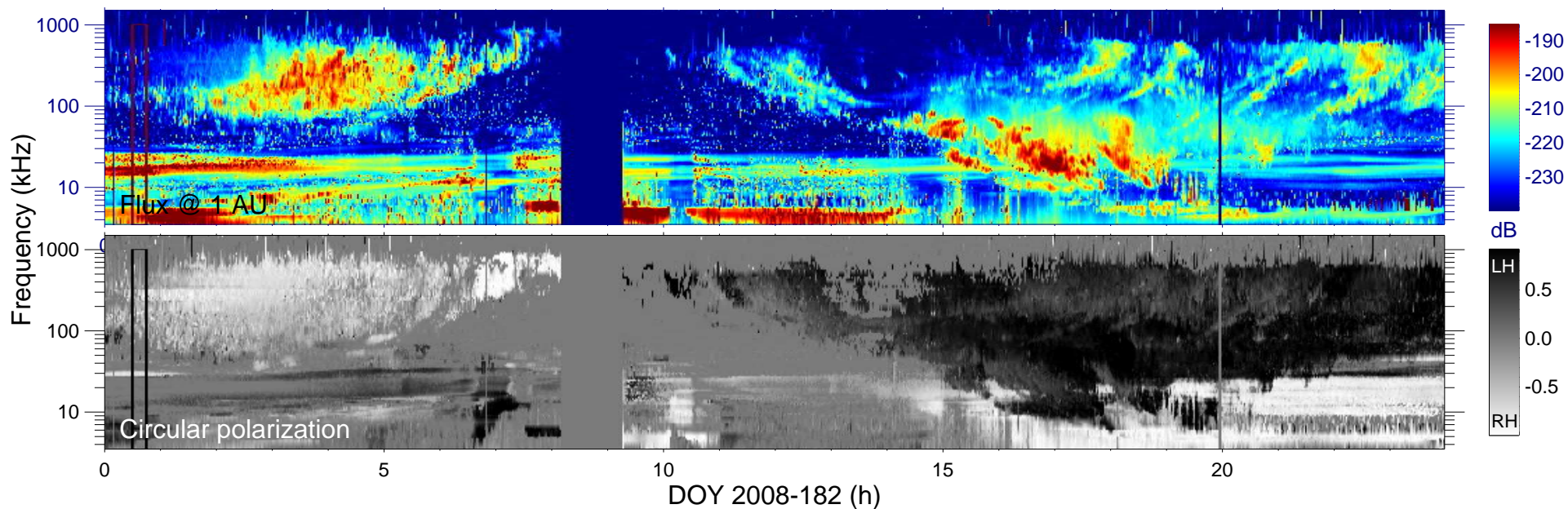
$\lambda_{S/C}$  ( $^\circ$ ) = 71.88

$TL_{S/C}$  = 14:36

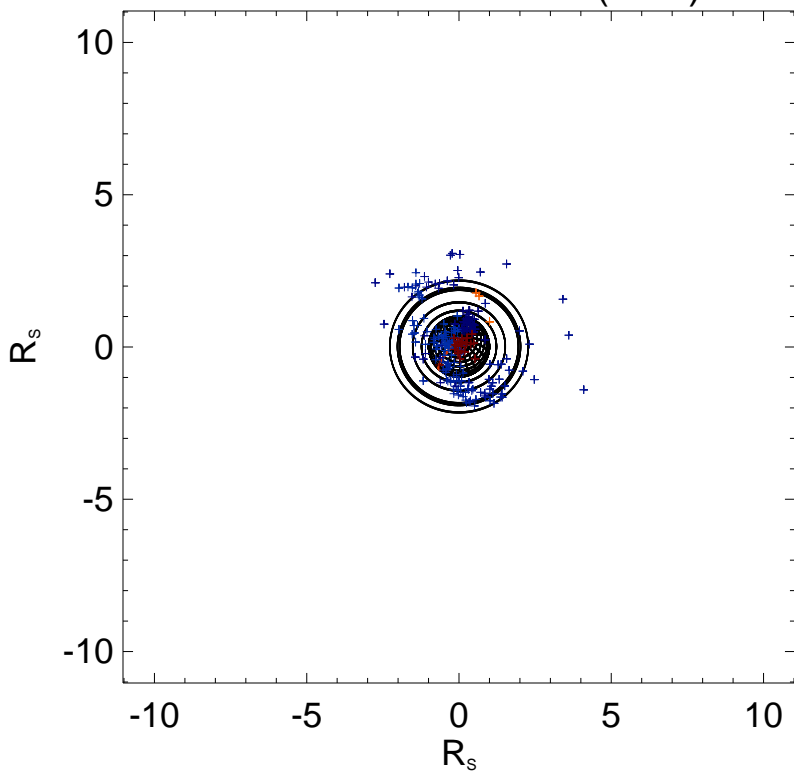
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

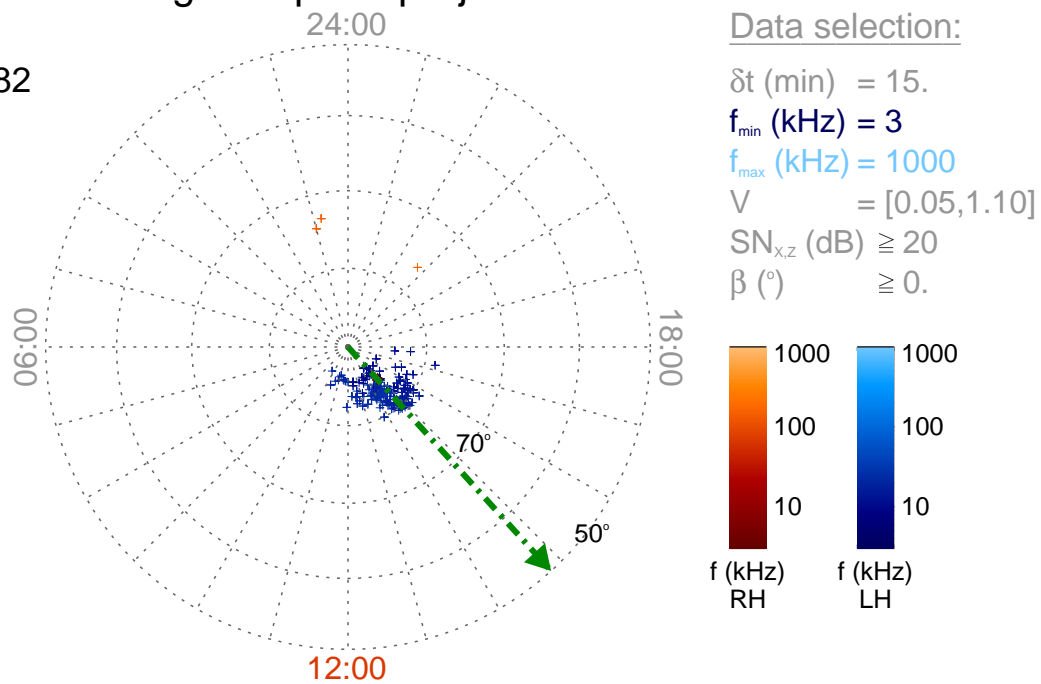
Time : 00:30

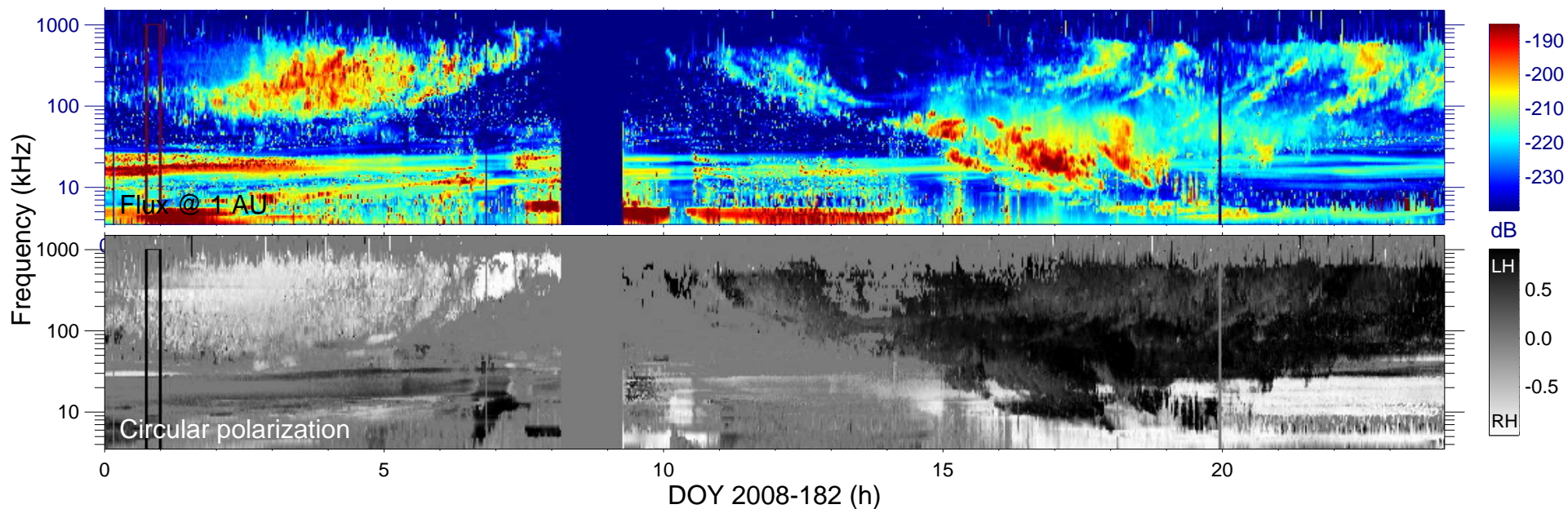
$r_{S/C} (R_s) = 6.37$

$\lambda_{S/C} (^\circ) = 72.45$

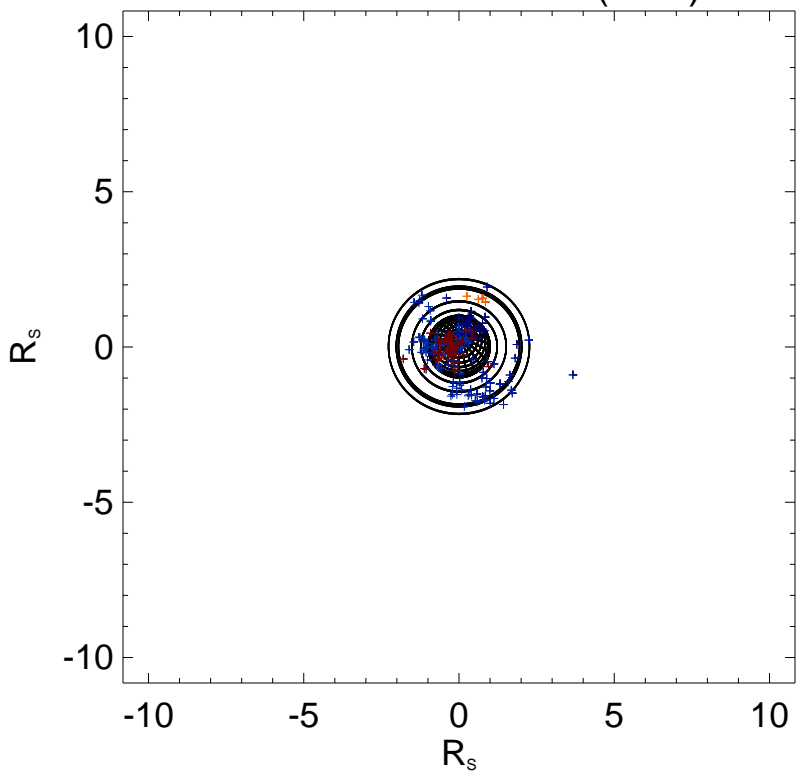
$TL_{S/C} = 14:48$

Magnetic polar projection





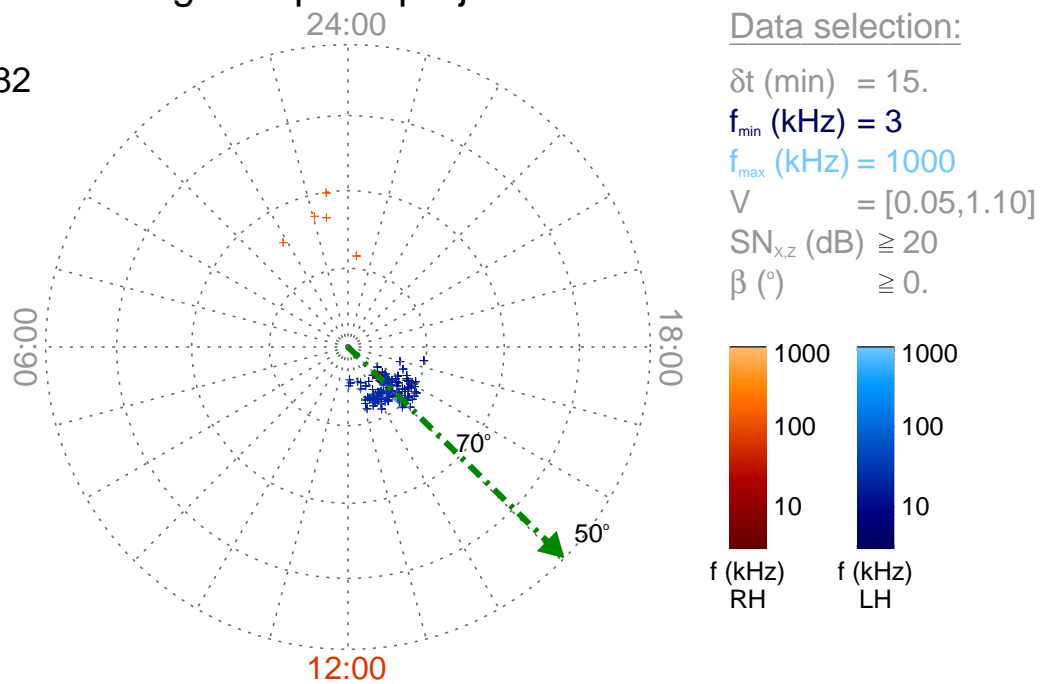
Cassini field of view ( $120^\circ$ )



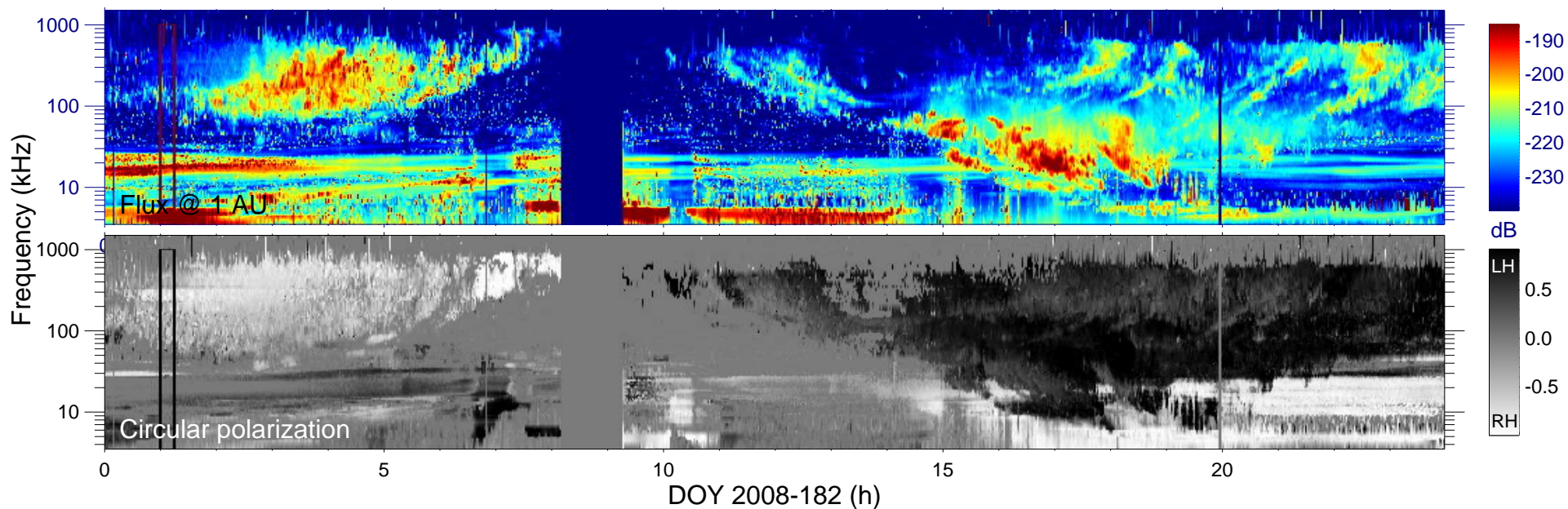
Ephemeris:

Day : 2008-182  
 Time : 00:45  
 $r_{S/C} (R_s) = 6.24$   
 $\lambda_{S/C} (^\circ) = 72.98$   
 $TL_{S/C} = 15:02$

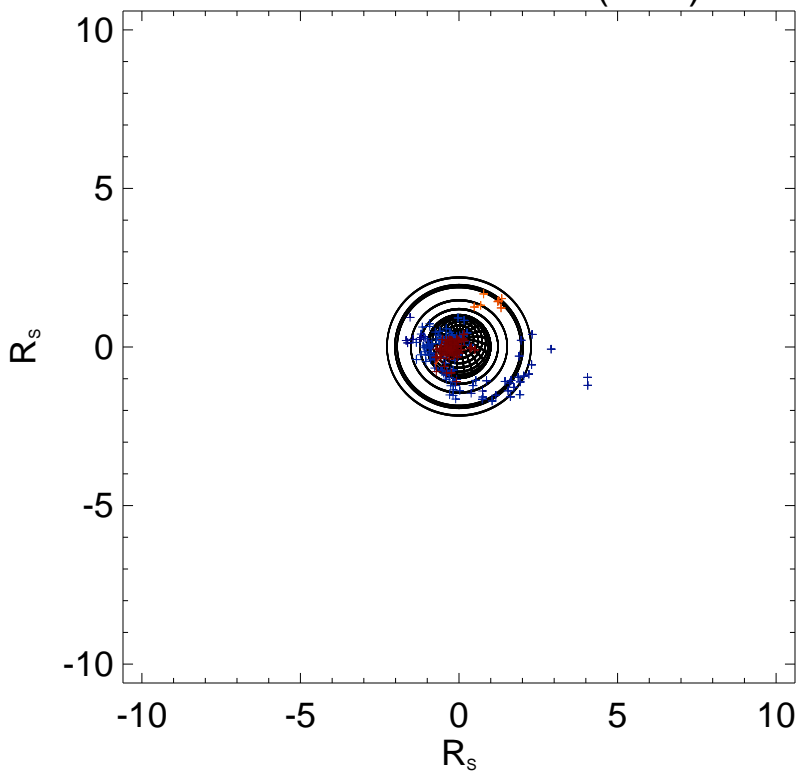
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

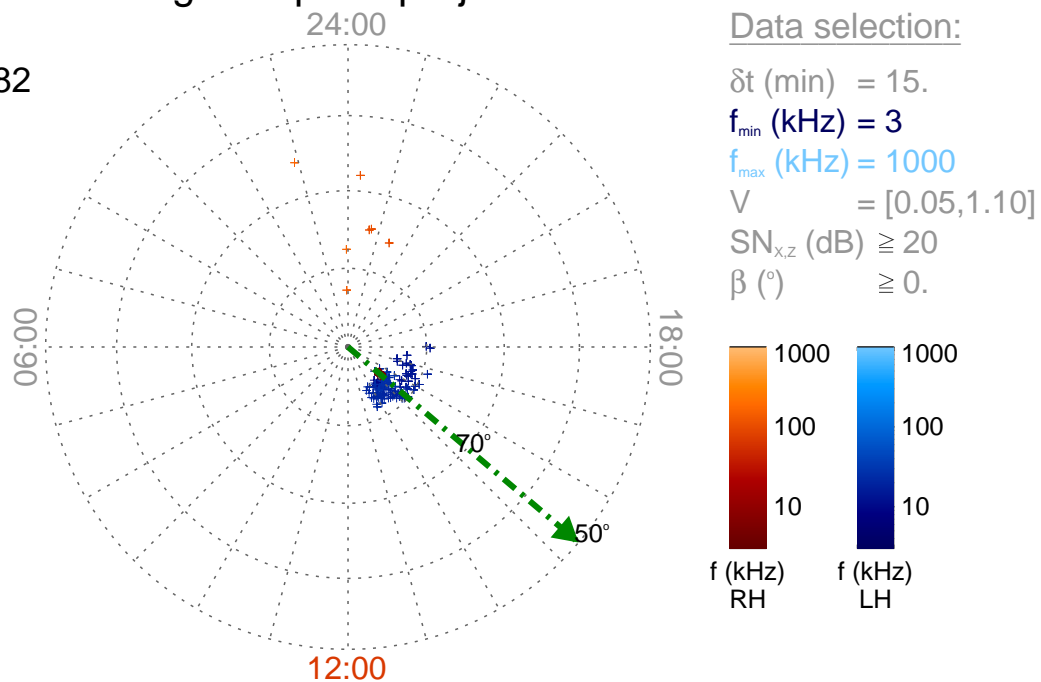
Time : 01:00

$r_{S/C}$  ( $R_s$ ) = 6.11

$\lambda_{S/C}$  ( $^\circ$ ) = 73.50

$TL_{S/C}$  = 15:18

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

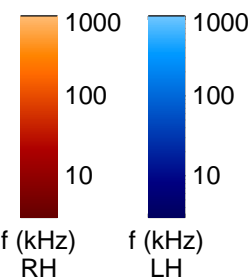
$f_{min}$  (kHz) = 3

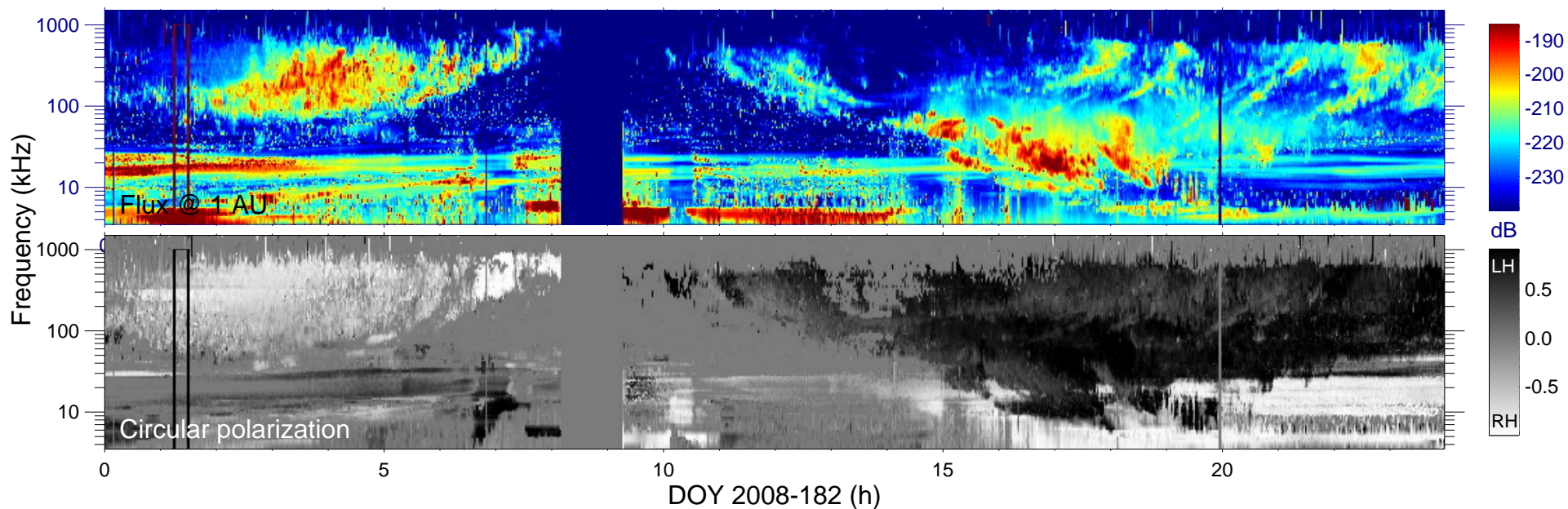
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

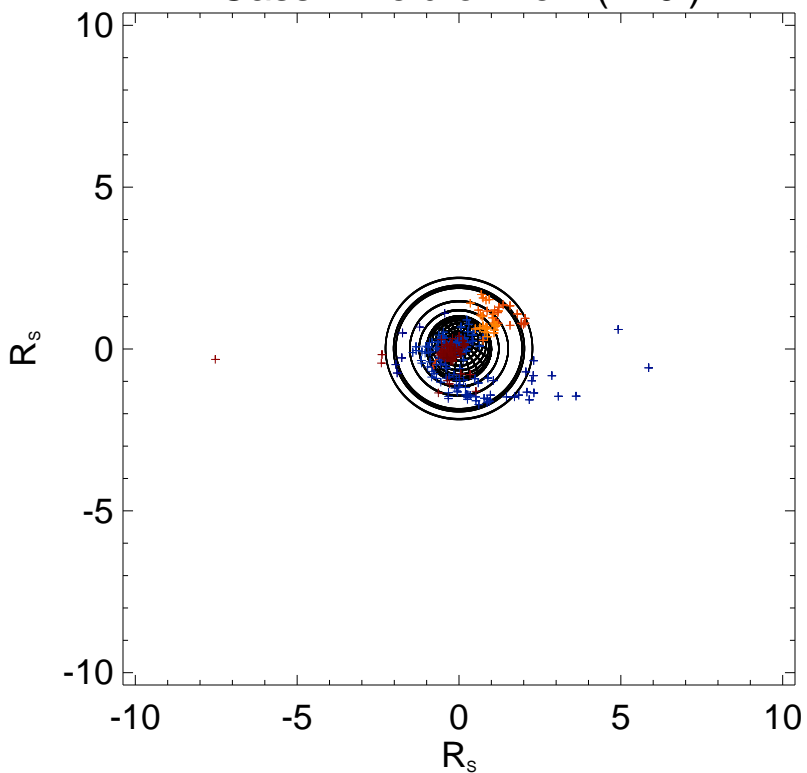
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

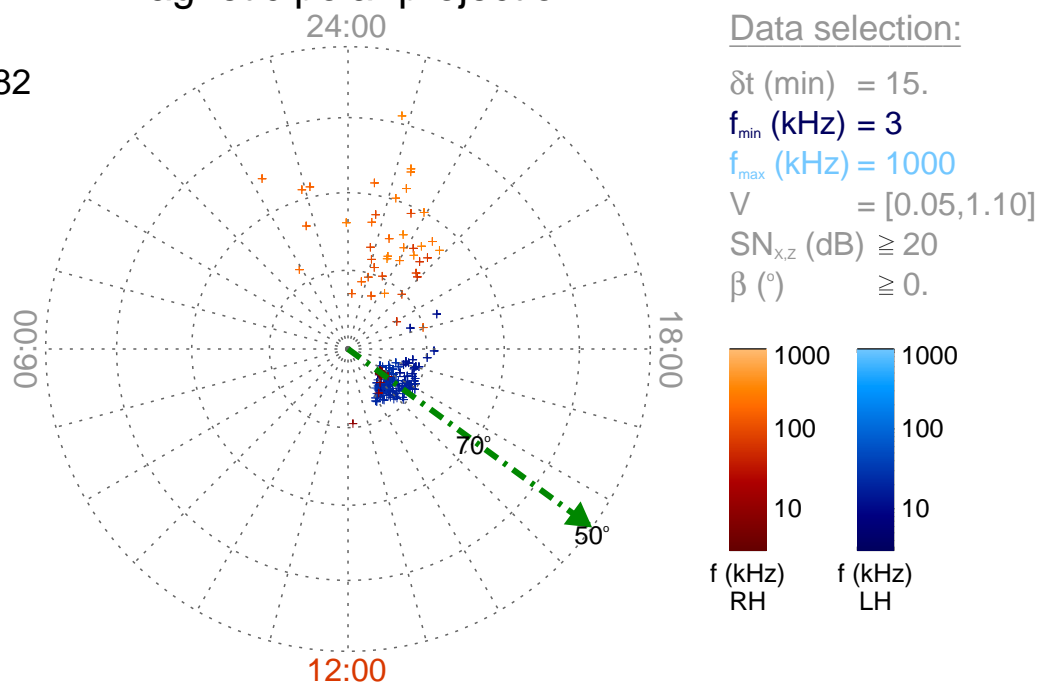
Time : 01:15

$r_{S/C}$  ( $R_s$ ) = 5.99

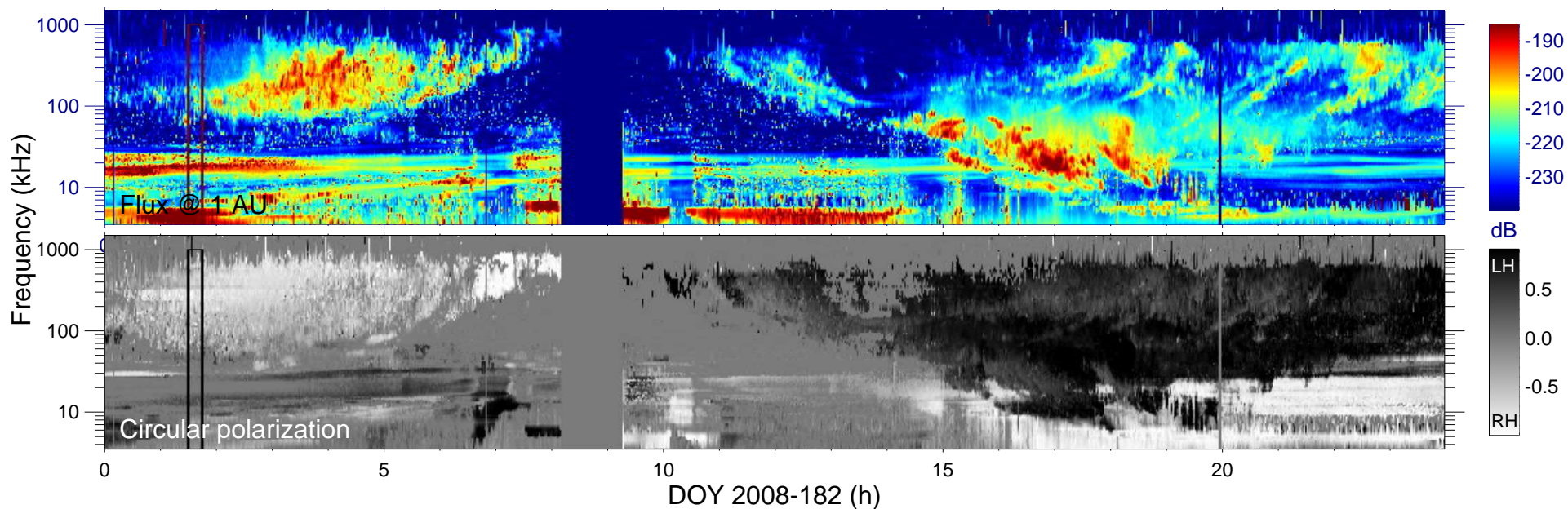
$\lambda_{S/C}$  ( $^\circ$ ) = 73.92

$TL_{S/C}$  = 15:35

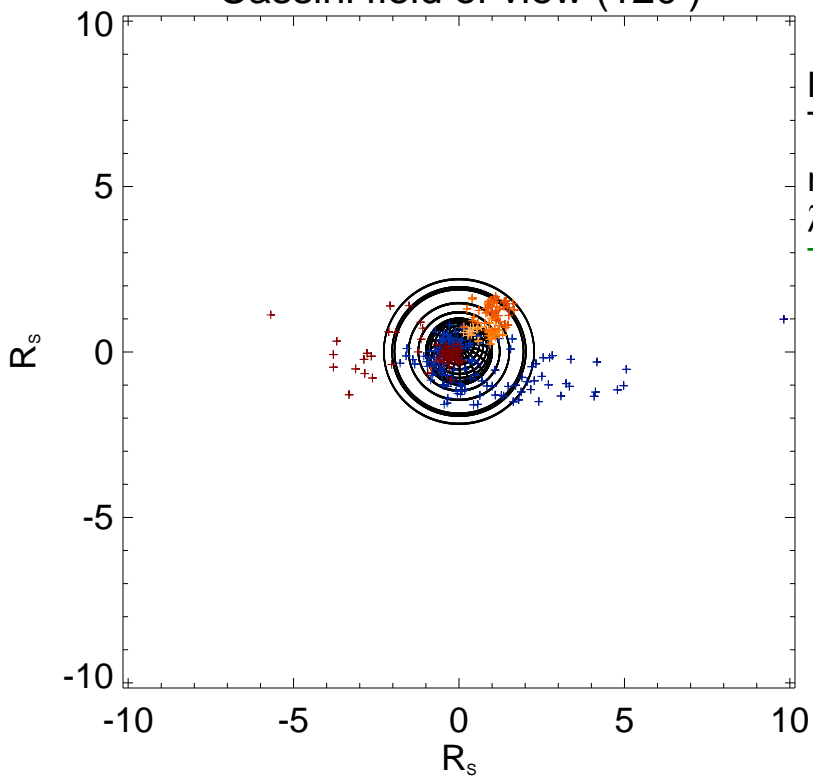
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

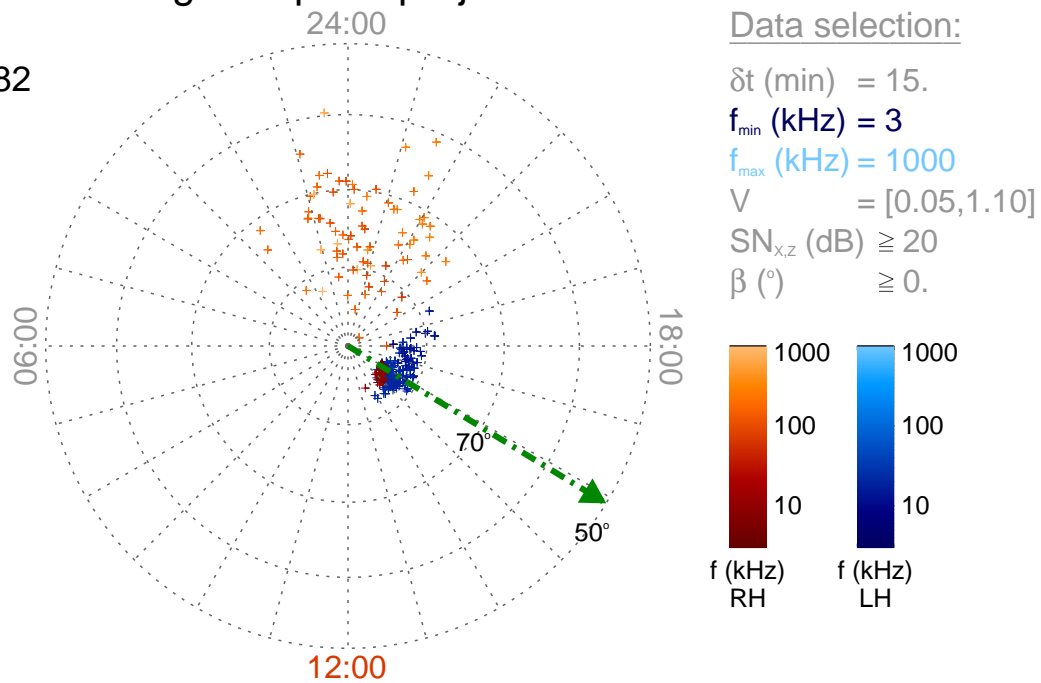
Time : 01:30

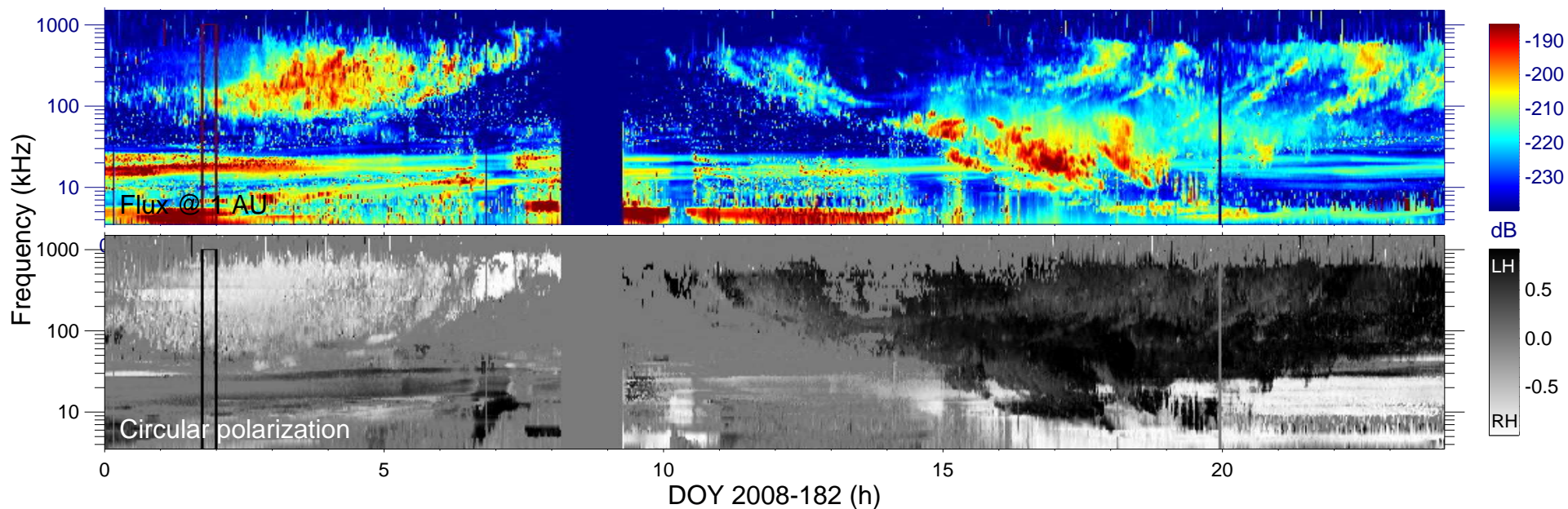
$r_{S/C}$  ( $R_s$ ) = 5.86

$\lambda_{S/C}$  ( $^\circ$ ) = 74.29

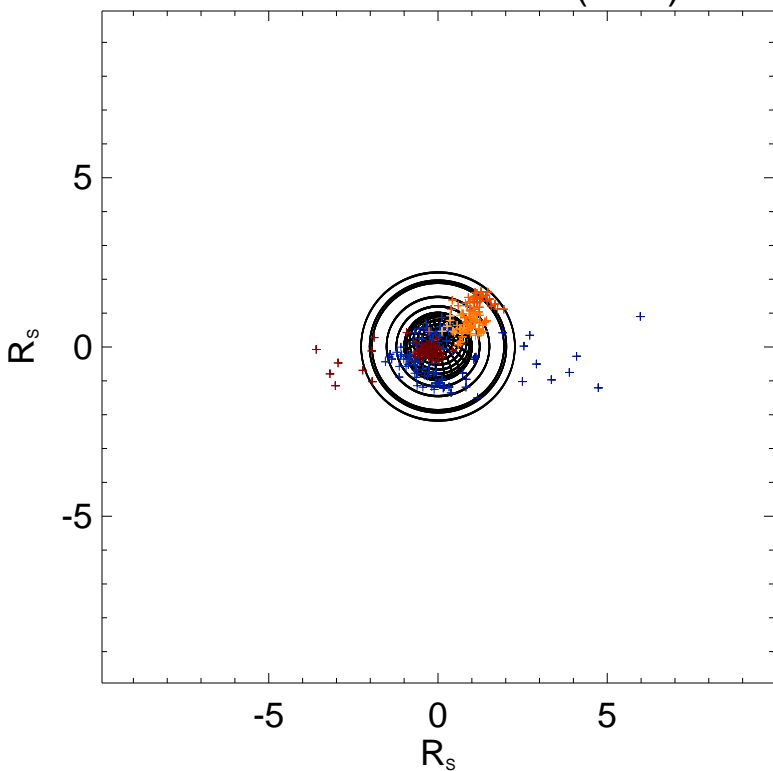
$TL_{S/C}$  = 15:54

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

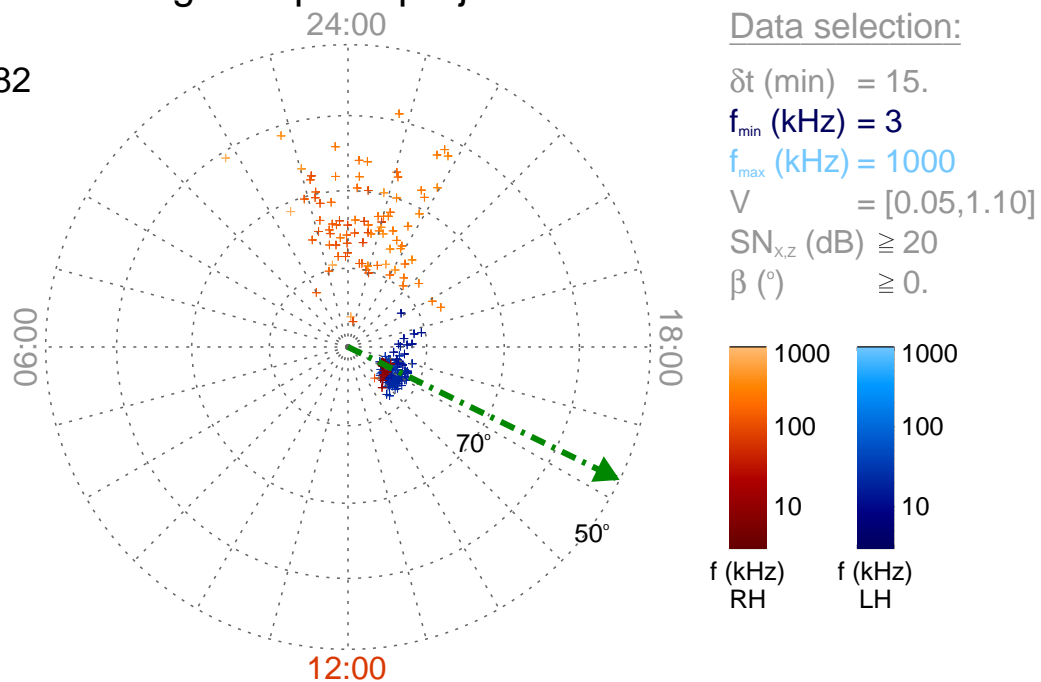
Time : 01:45

$r_{S/C} (R_s) = 5.72$

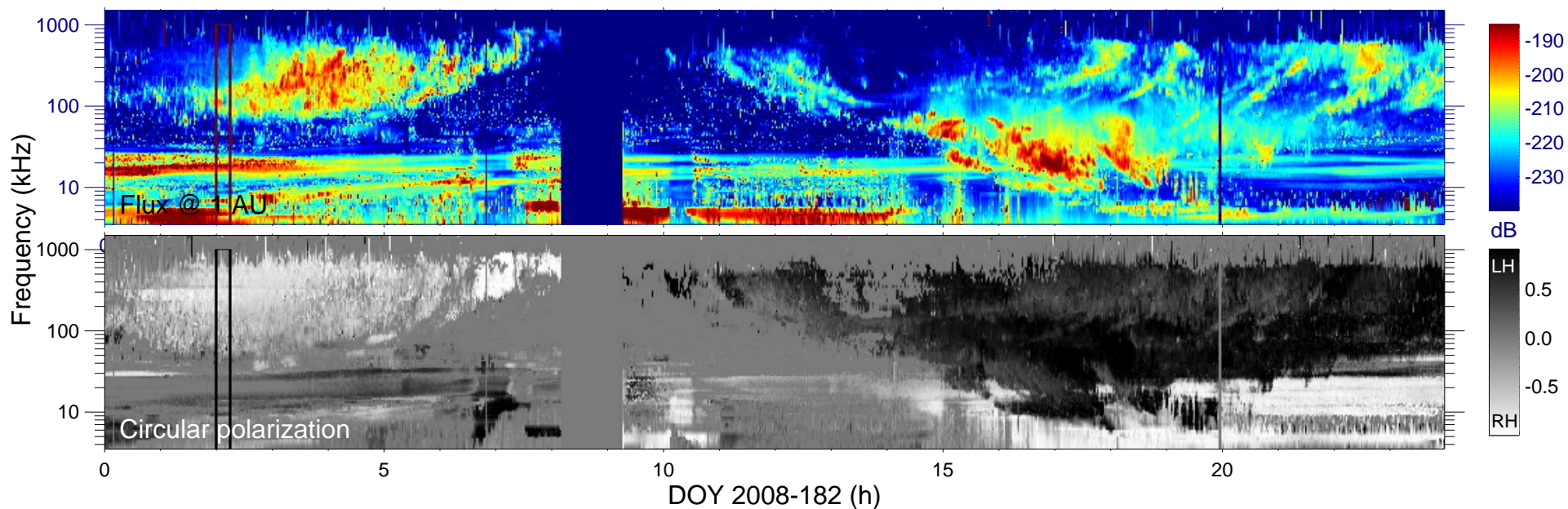
$\lambda_{S/C} (^\circ) = 74.56$

$TL_{S/C} = 16:15$

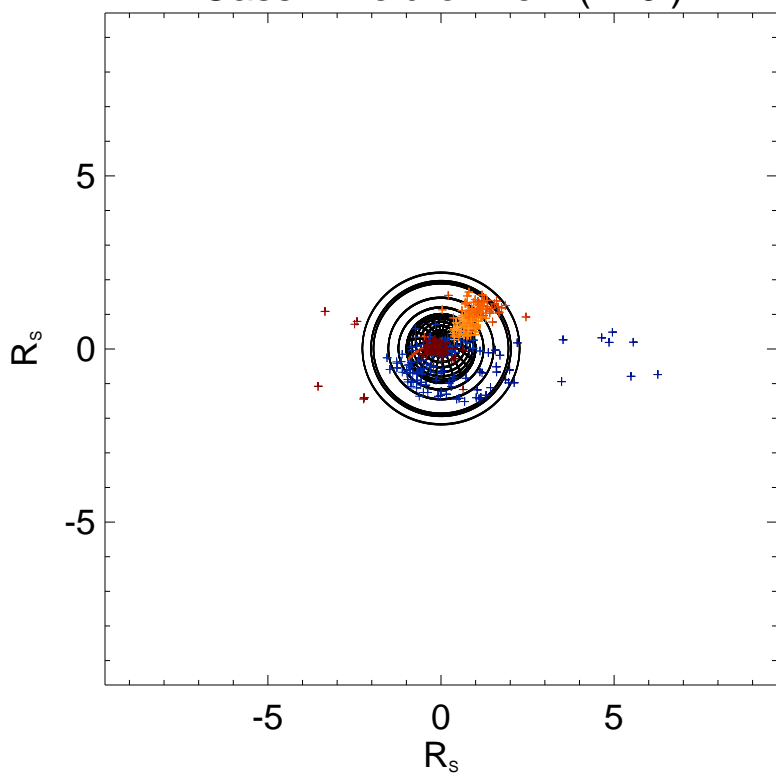
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

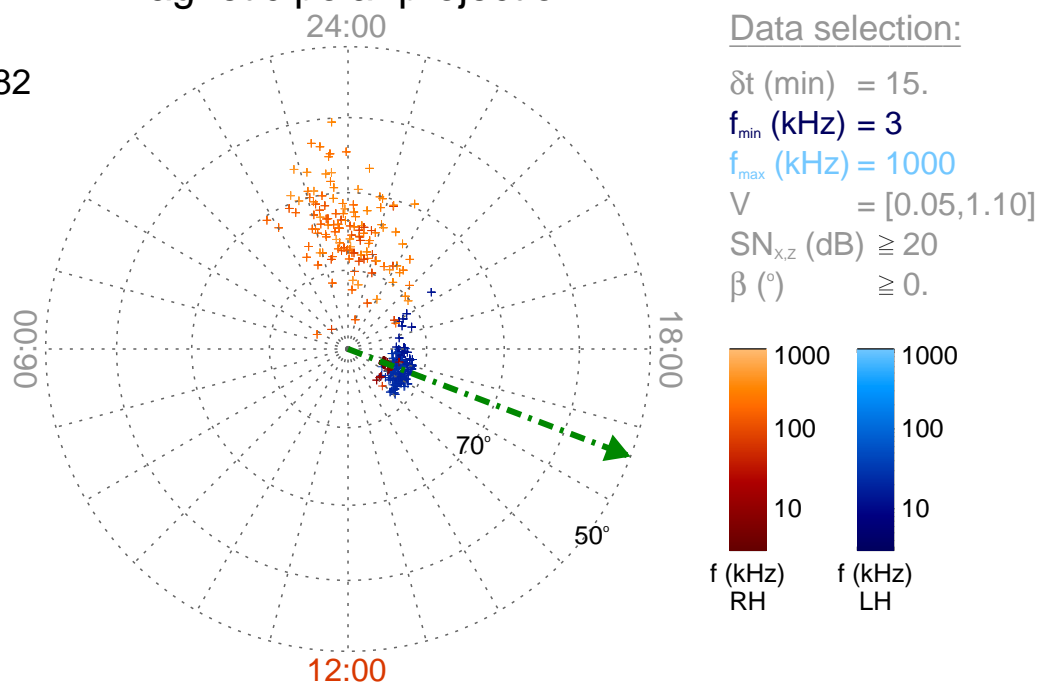
Time : 02:00

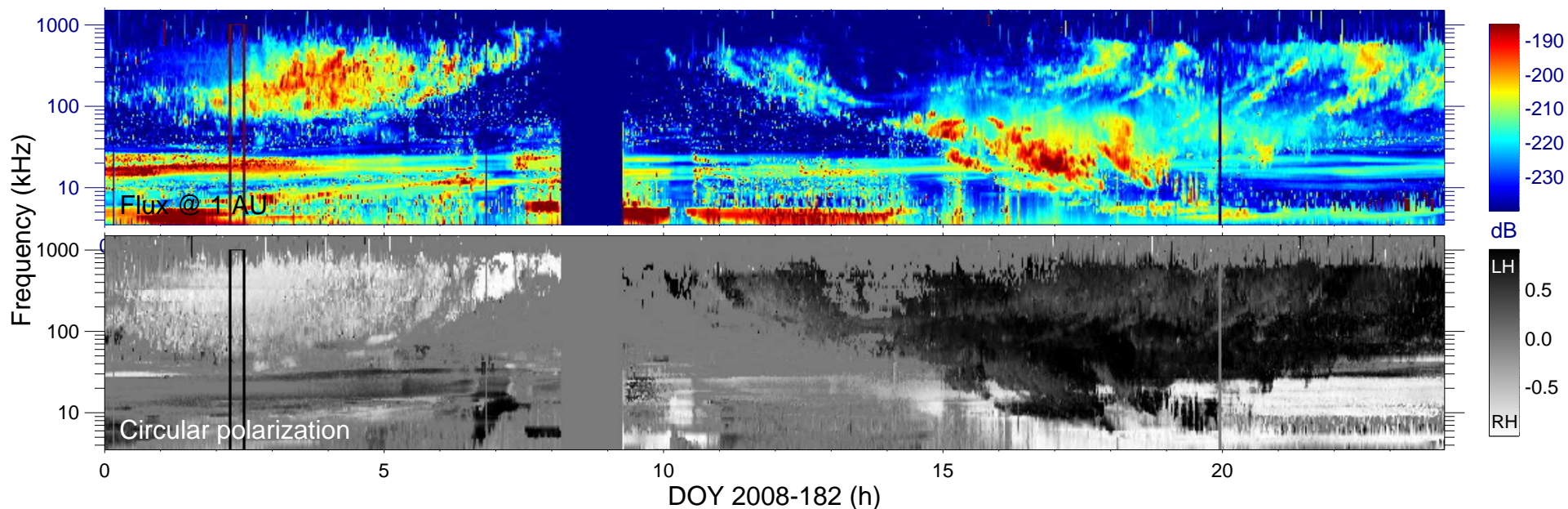
$r_{S/C} (R_s) = 5.60$

$\lambda_{S/C} (^\circ) = 74.70$

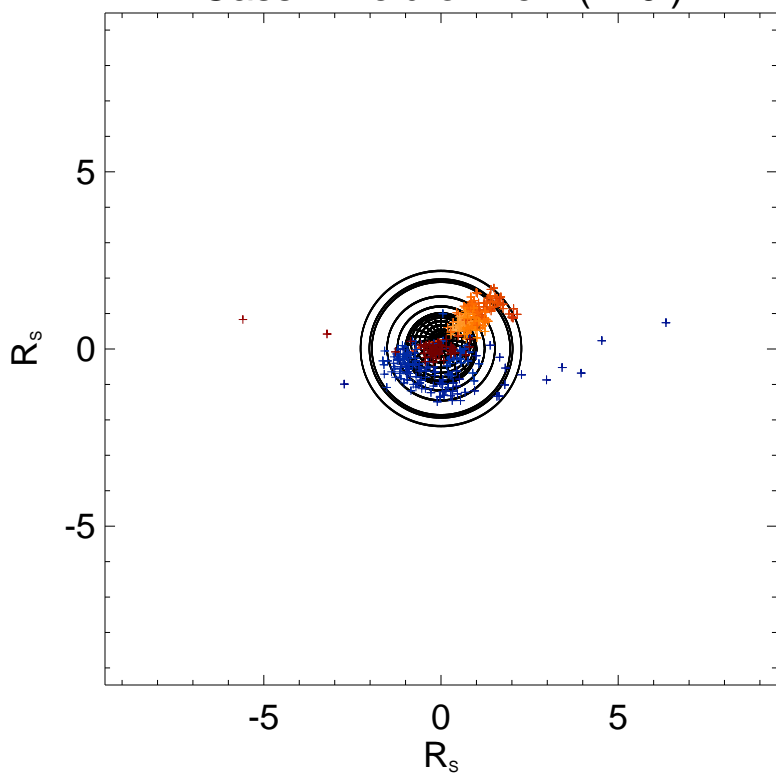
$TL_{S/C} = 16:36$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

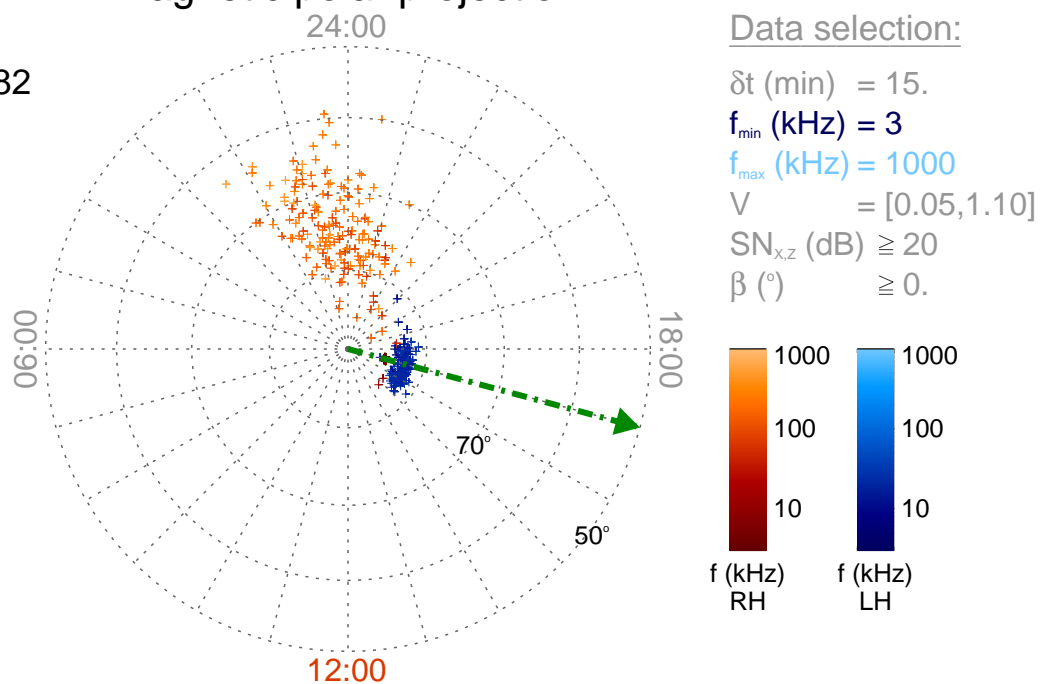
Time : 02:15

$r_{S/C} (R_s) = 5.47$

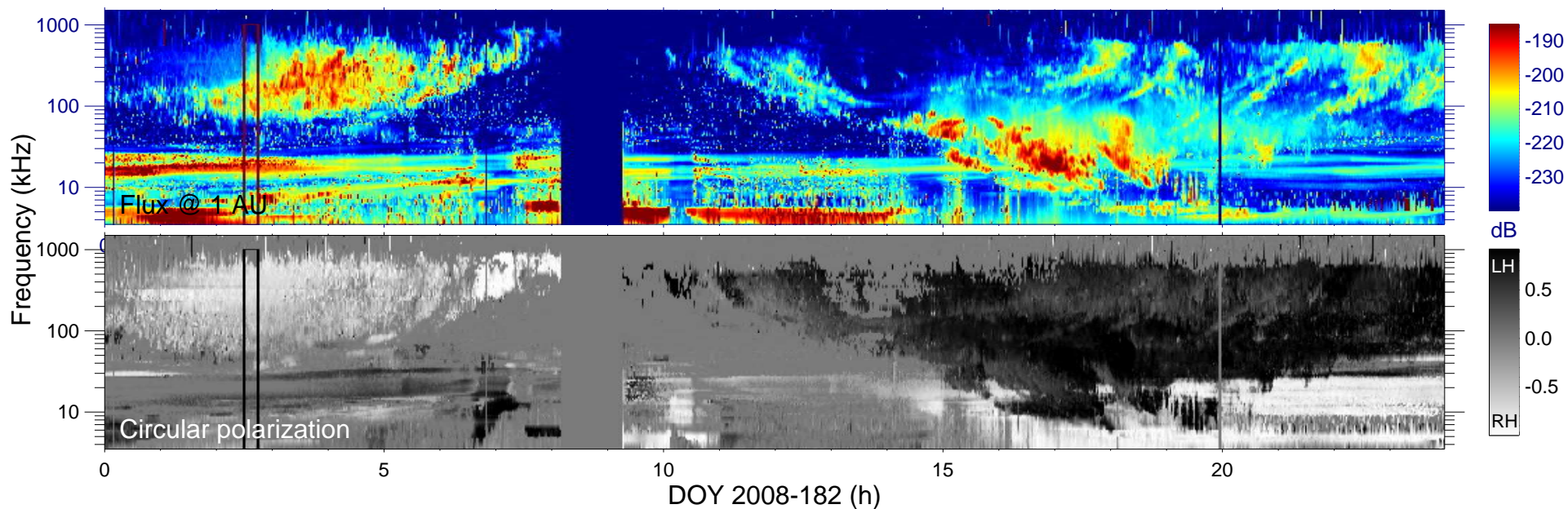
$\lambda_{S/C} (^\circ) = 74.71$

$TL_{S/C} = 16:59$

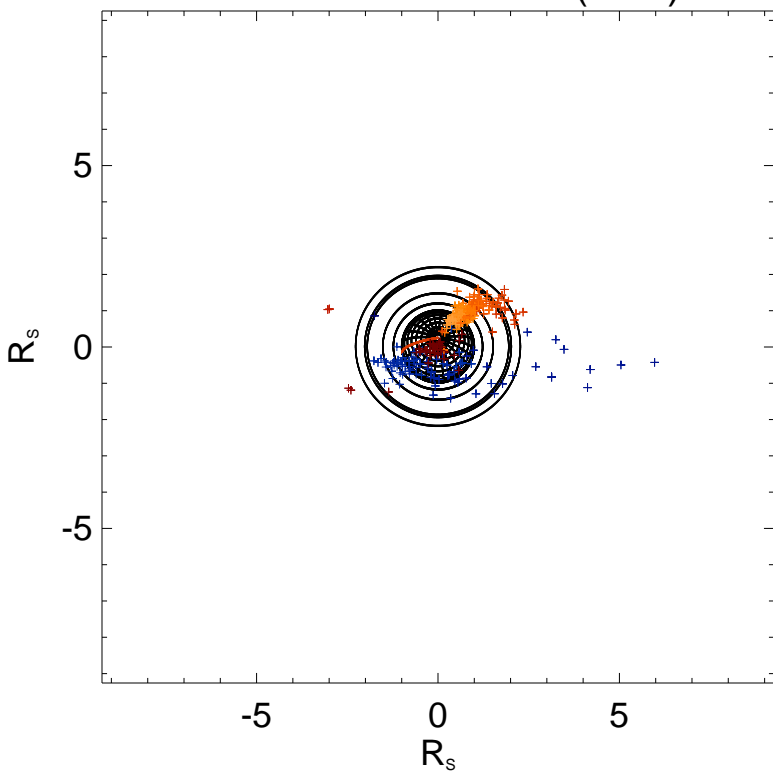
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

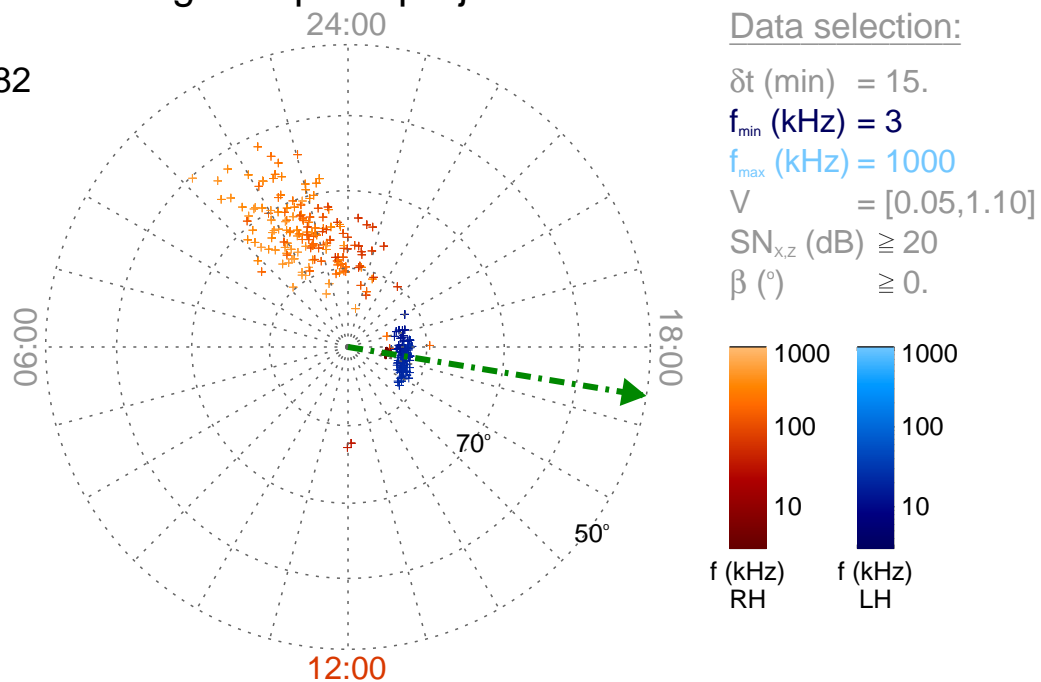
Time : 02:30

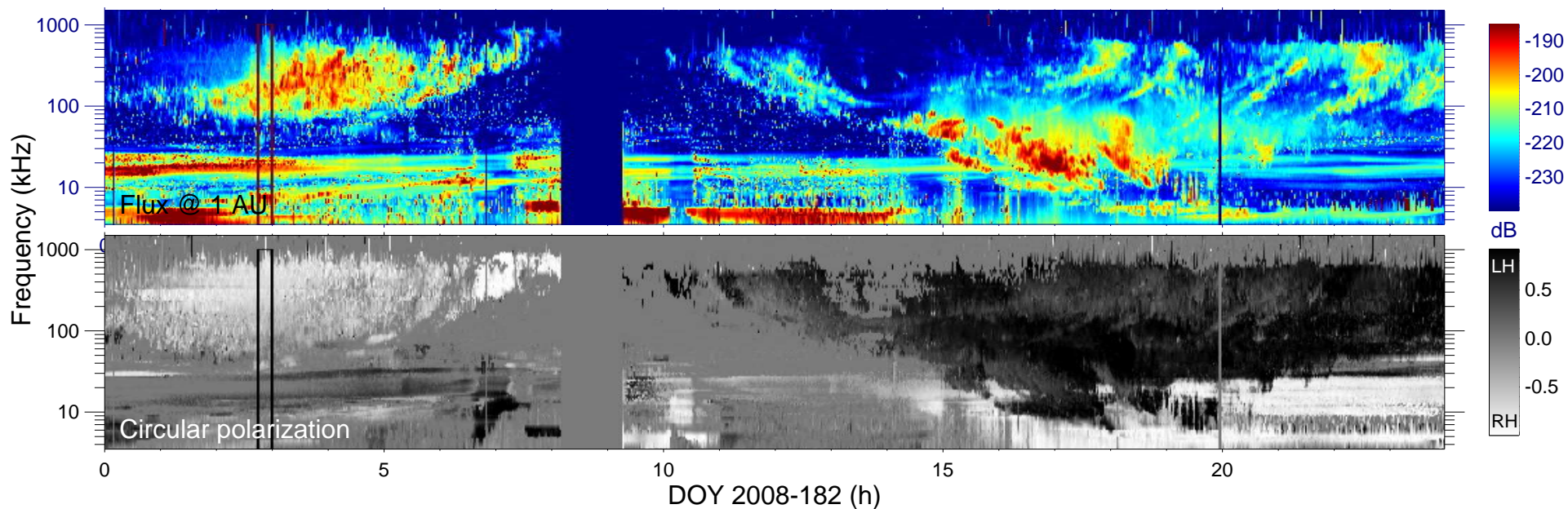
$r_{S/C}$  ( $R_s$ ) = 5.35

$\lambda_{S/C}$  ( $^\circ$ ) = 74.58

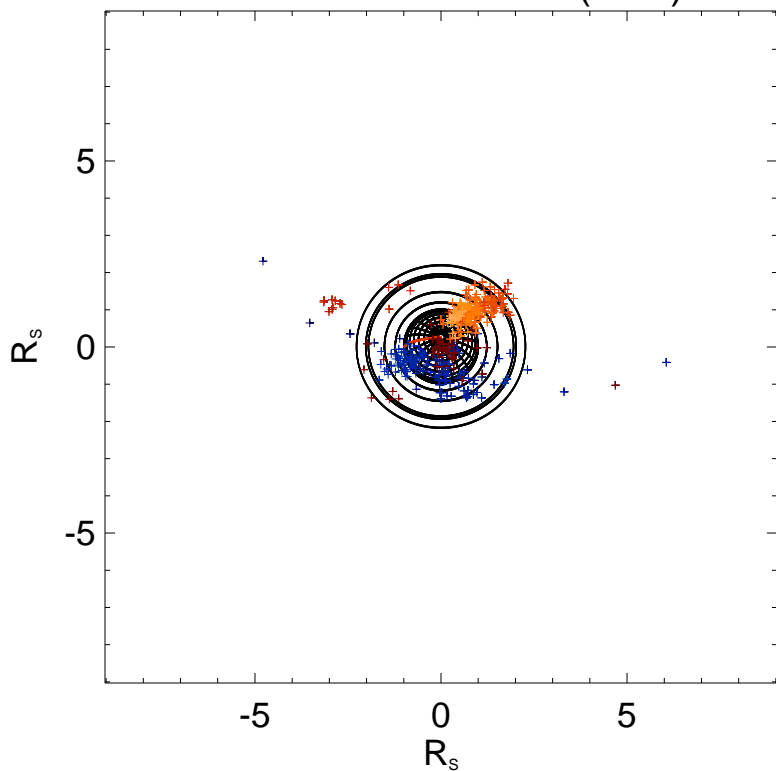
$TL_{S/C}$  = 17:22

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

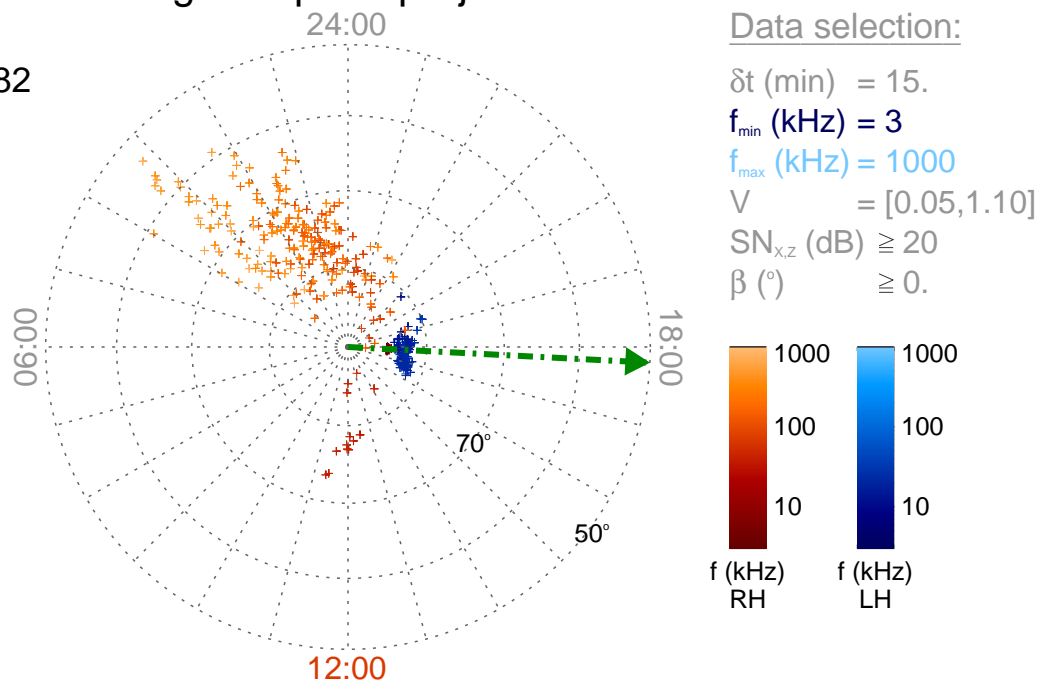
Time : 02:45

$r_{S/C} (R_s) = 5.21$

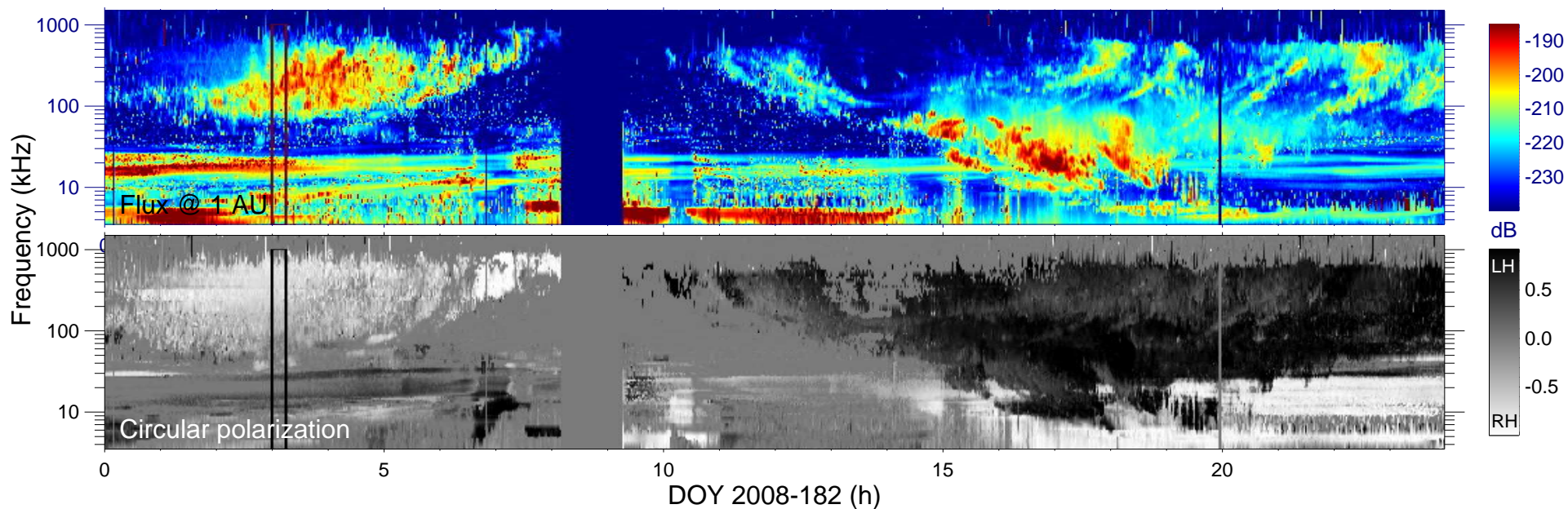
$\lambda_{S/C} (^\circ) = 74.24$

$TL_{S/C} = 17:48$

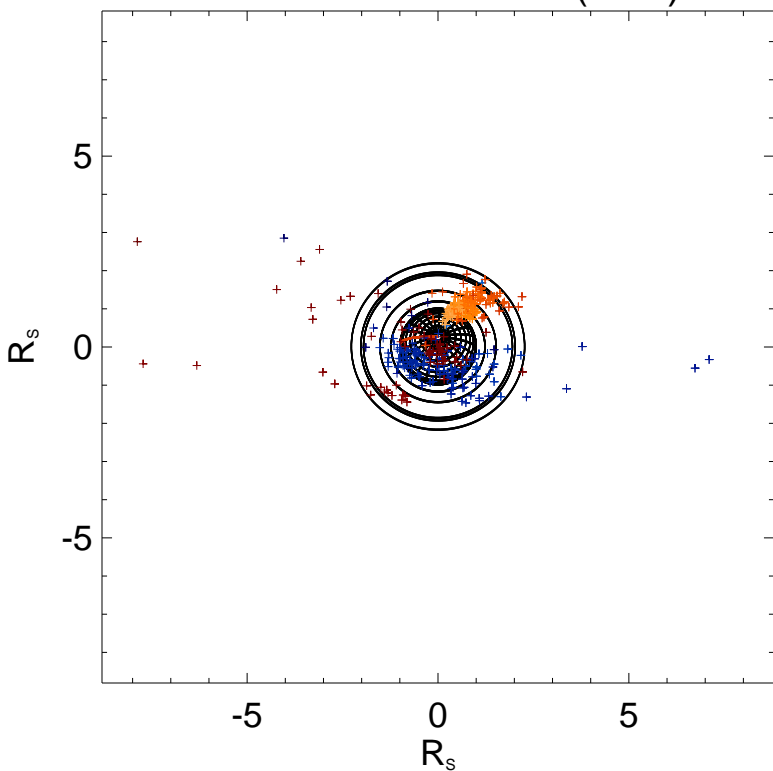
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

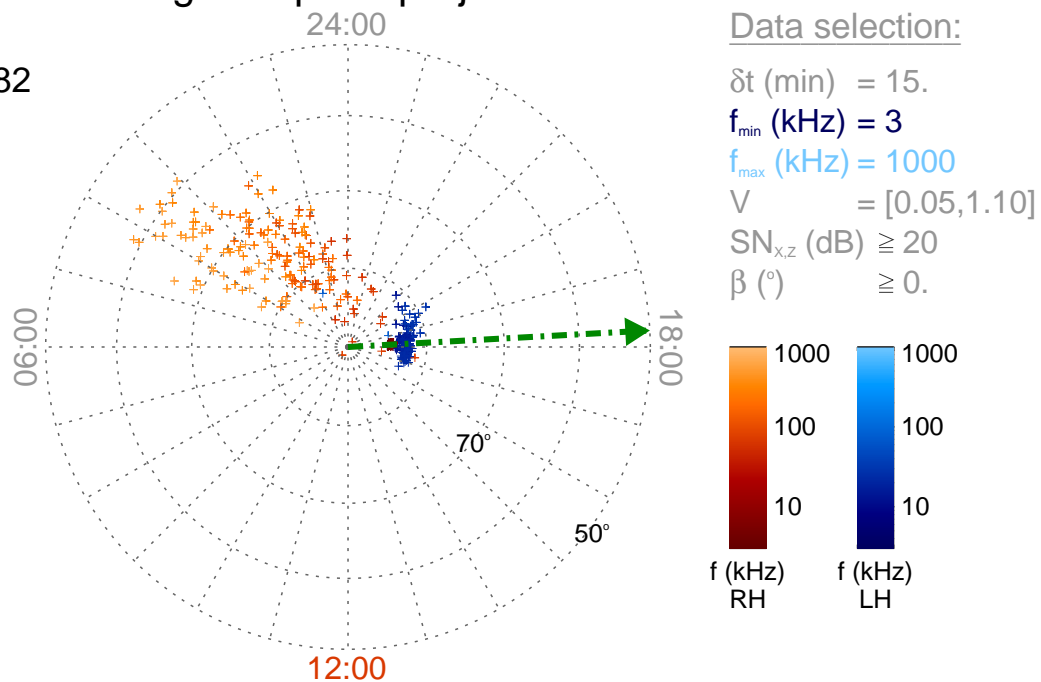
Time : 03:00

$r_{S/C} (R_s) = 5.08$

$\lambda_{S/C} (^\circ) = 73.73$

$TL_{S/C} = 18:12$

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

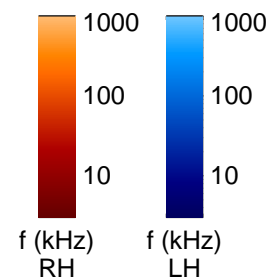
$f_{min}$  (kHz) = 3

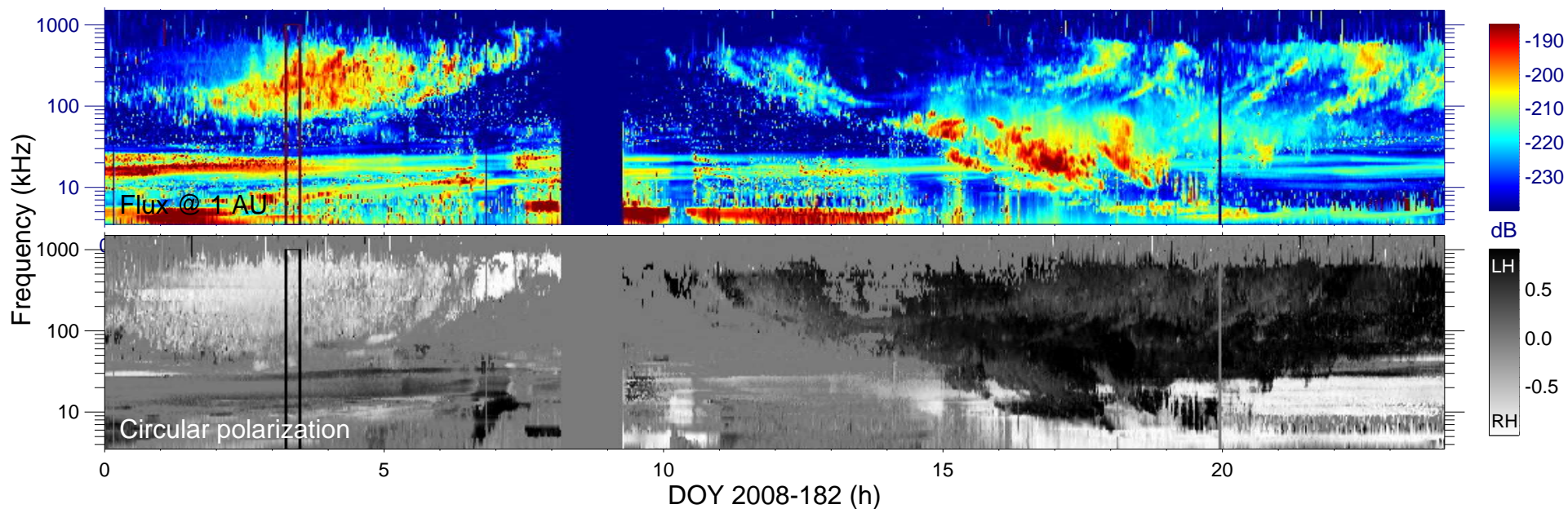
$f_{max}$  (kHz) = 1000

$V = [0.05, 1.10]$

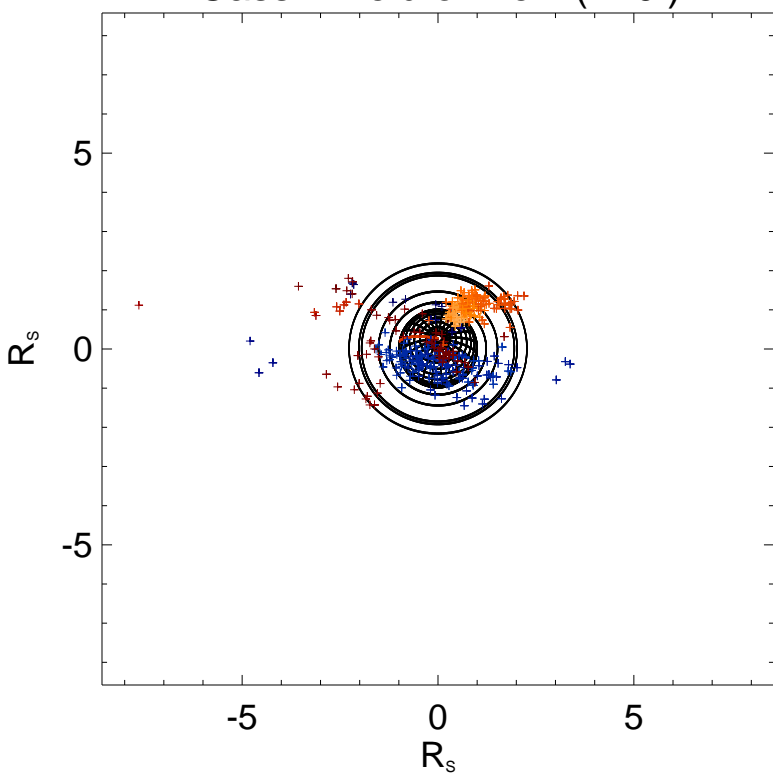
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

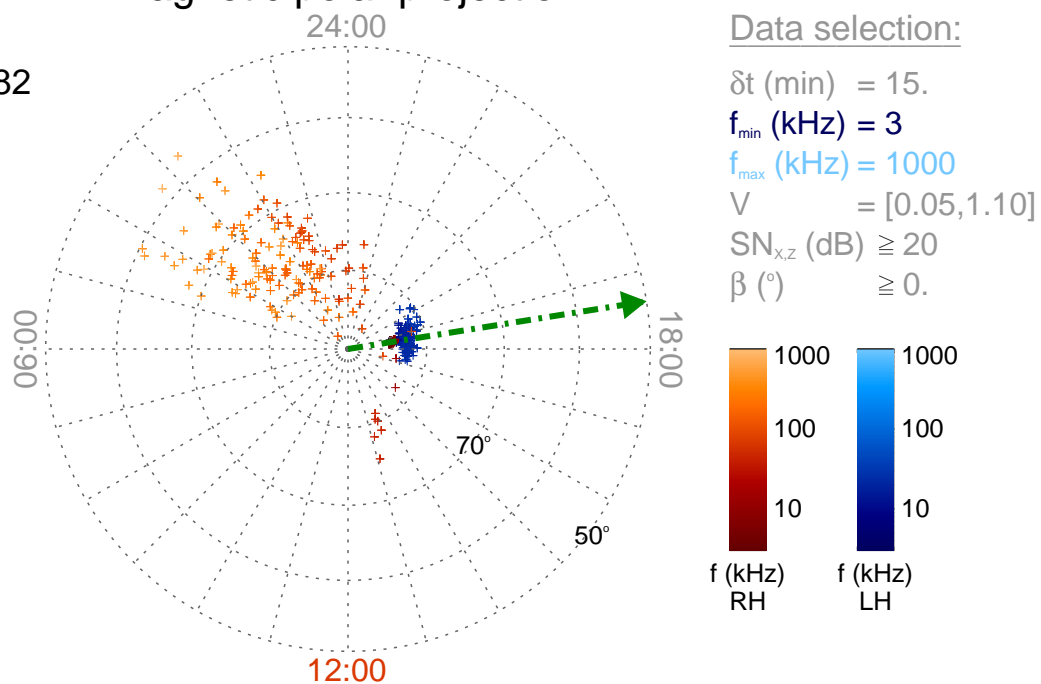
Time : 03:15

$r_{S/C}$  ( $R_s$ ) = 4.95

$\lambda_{S/C}$  ( $^\circ$ ) = 73.02

$TL_{S/C}$  = 18:36

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

$f_{min}$  (kHz) = 3

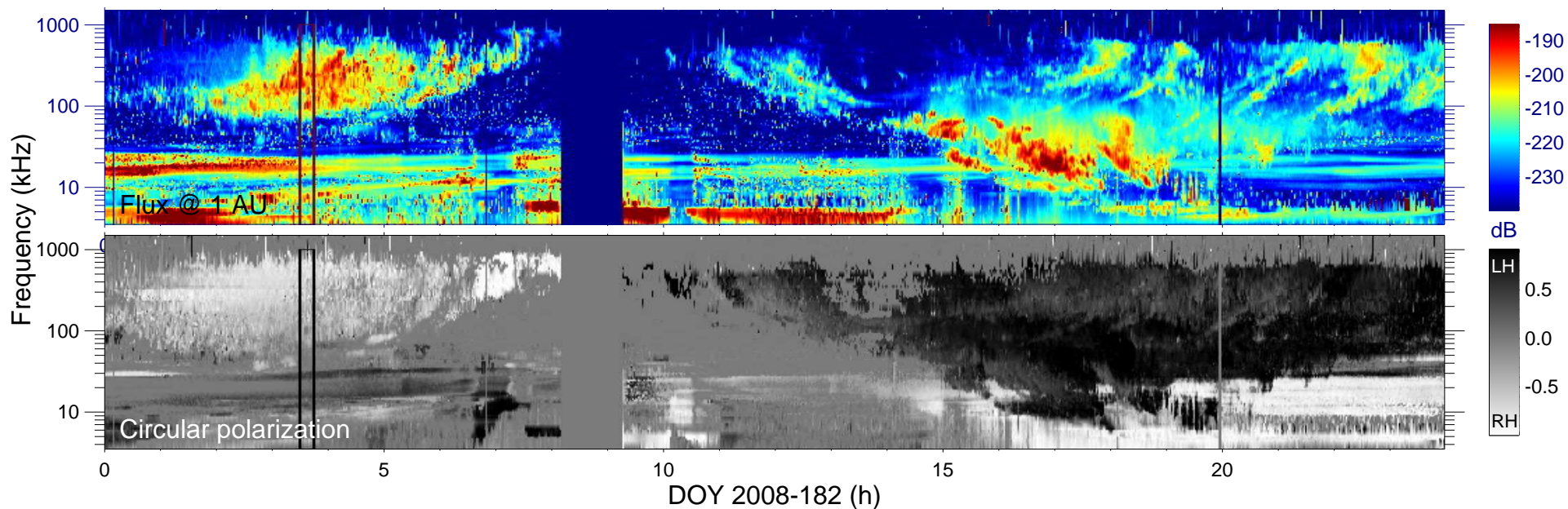
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

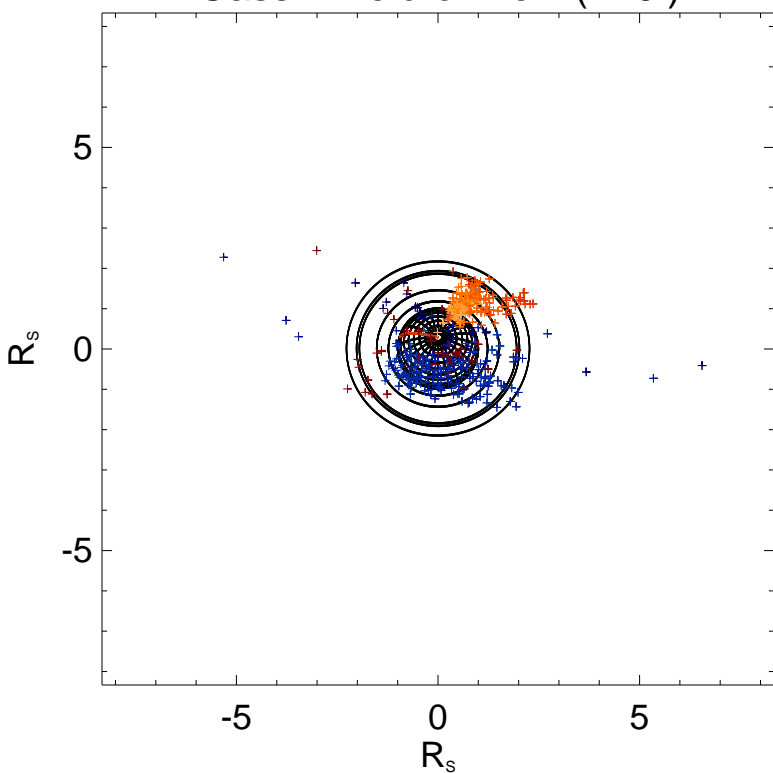
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

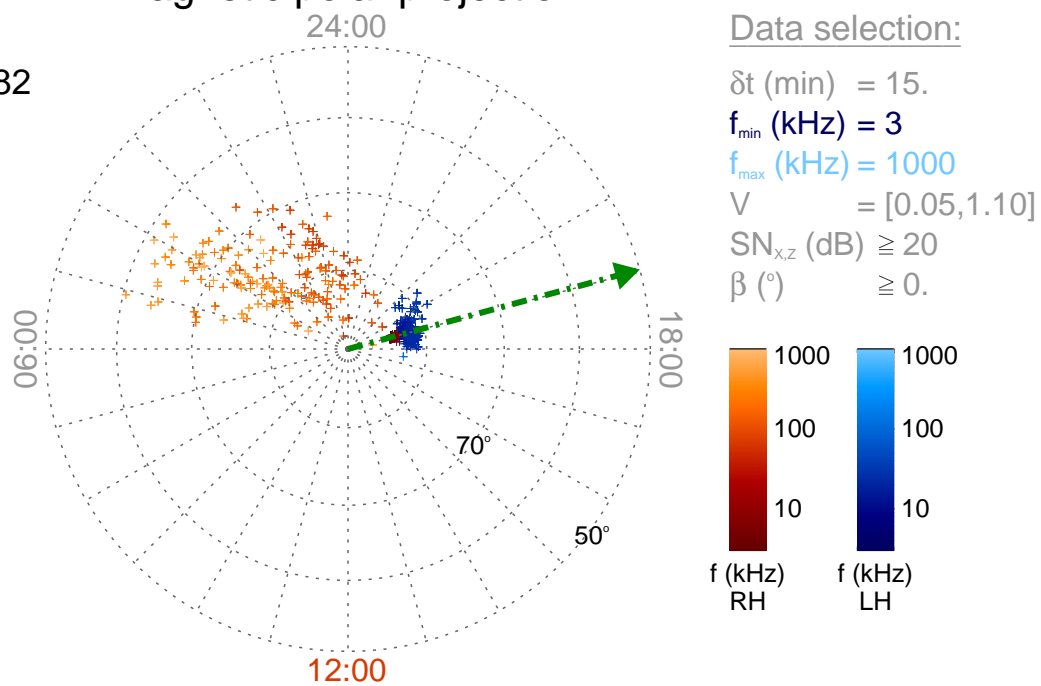
Time : 03:30

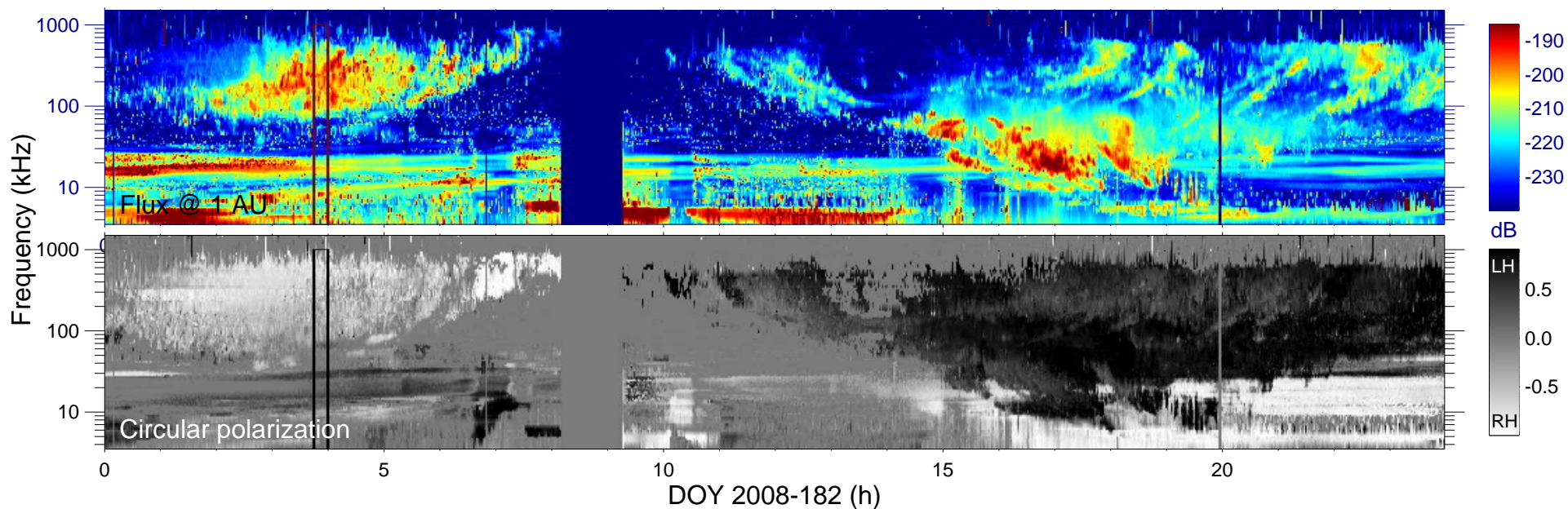
$r_{S/C}$  ( $R_s$ ) = 4.81

$\lambda_{S/C}$  ( $^\circ$ ) = 72.02

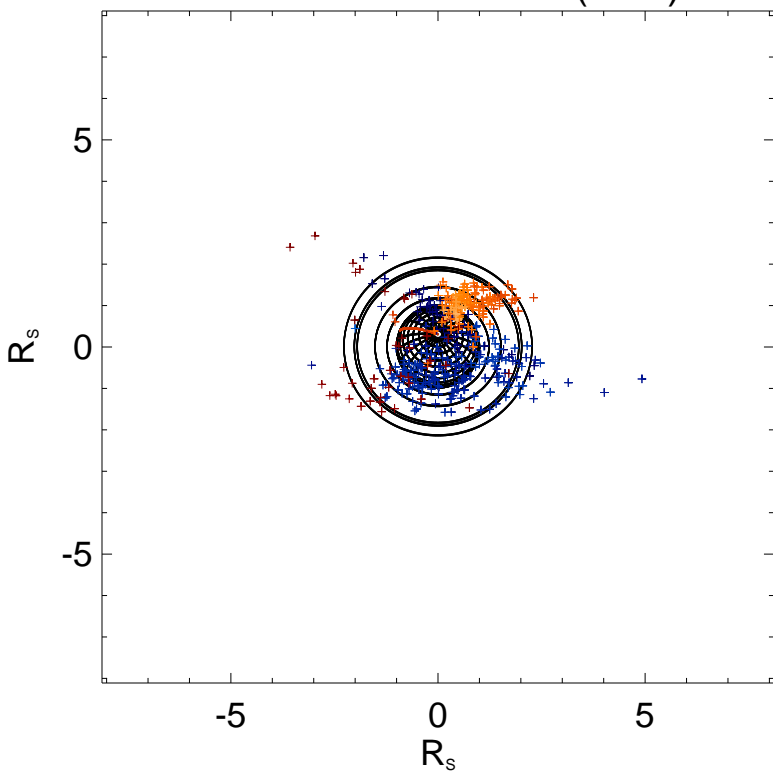
$TL_{S/C}$  = 19:00

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

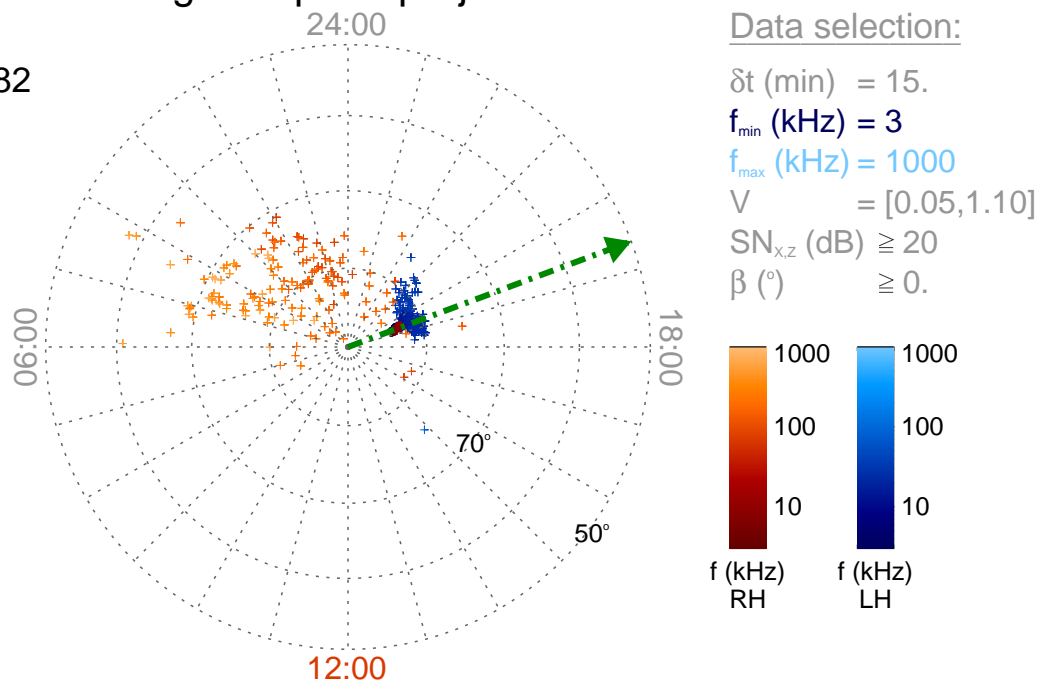
Time : 03:45

$r_{S/C}$  ( $R_s$ ) = 4.68

$\lambda_{S/C}$  ( $^\circ$ ) = 70.90

$TL_{S/C}$  = 19:21

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

$f_{min}$  (kHz) = 3

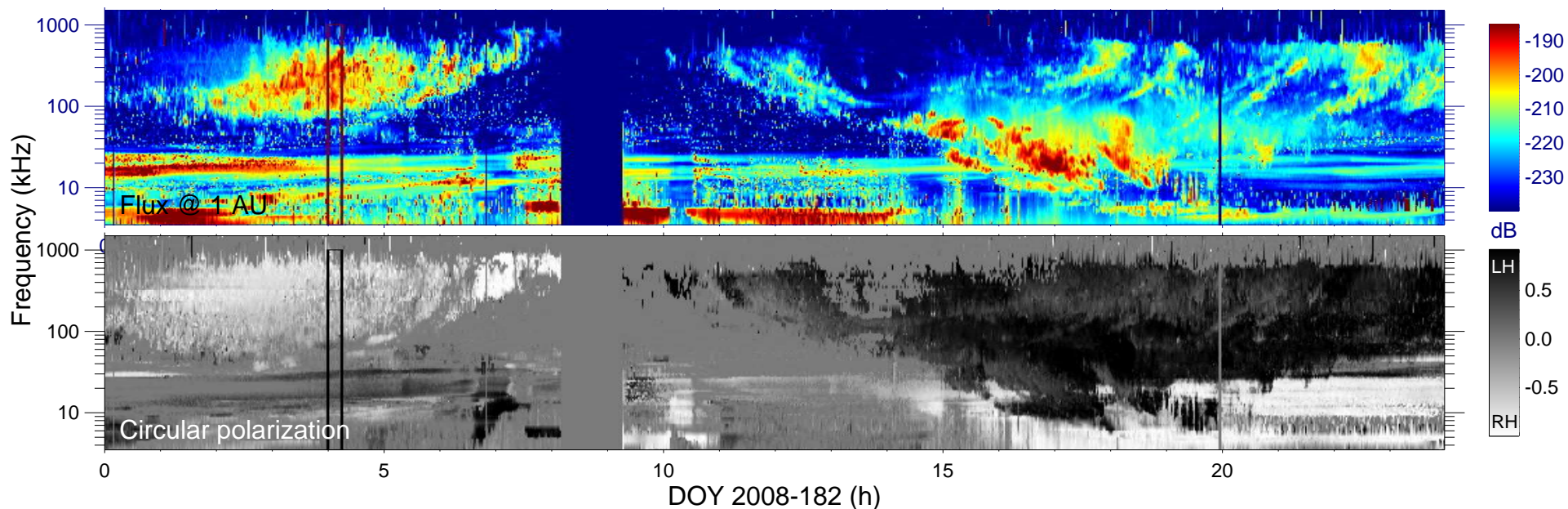
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

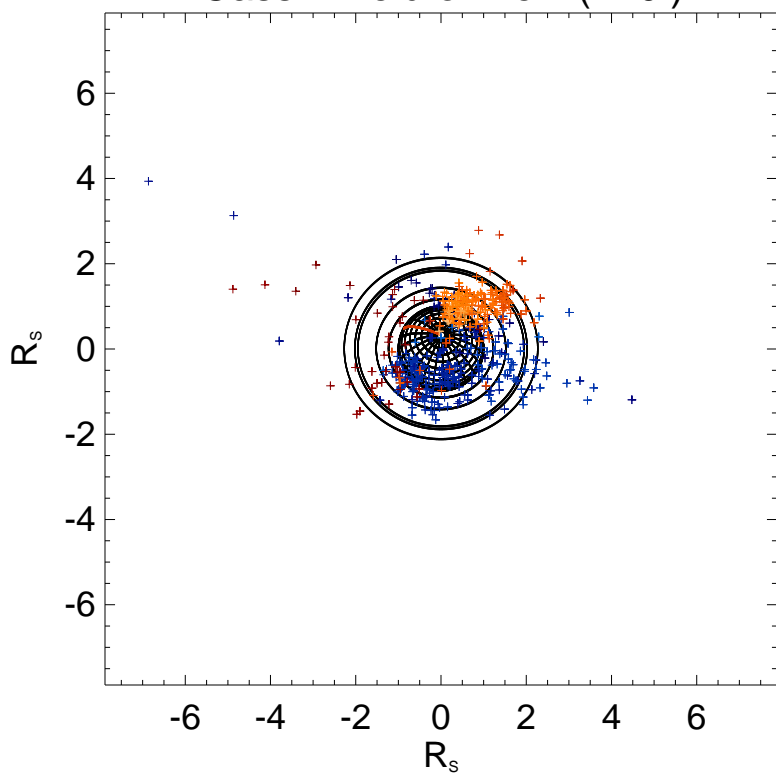
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

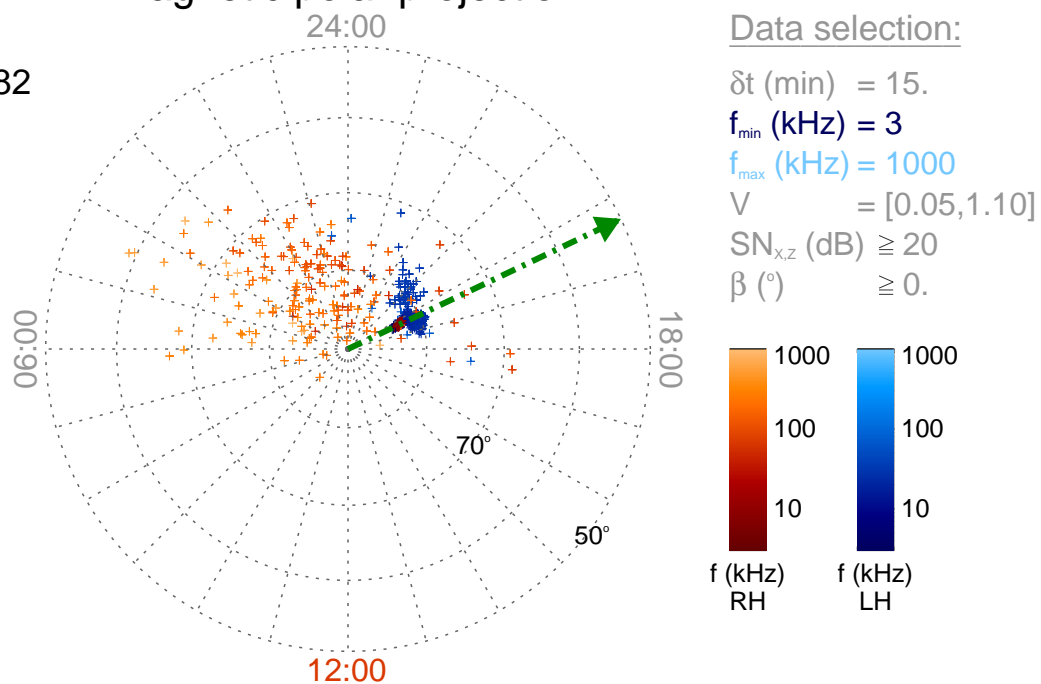
Time : 04:00

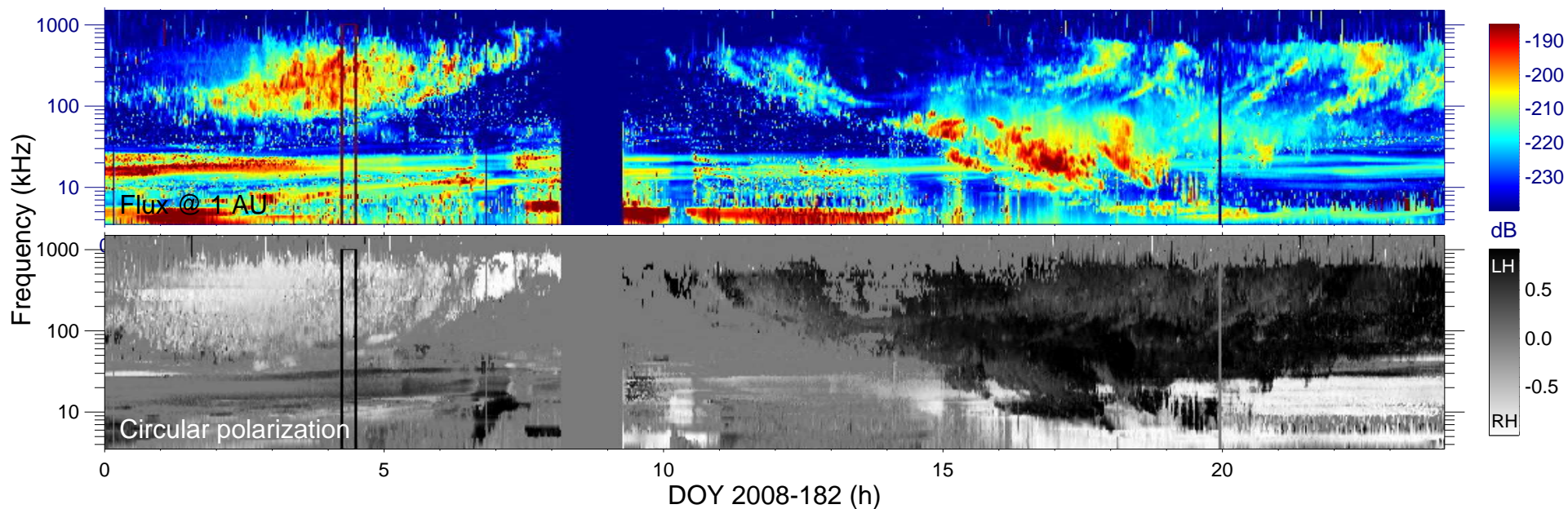
$r_{S/C} (R_s) = 4.55$

$\lambda_{S/C} (^\circ) = 69.53$

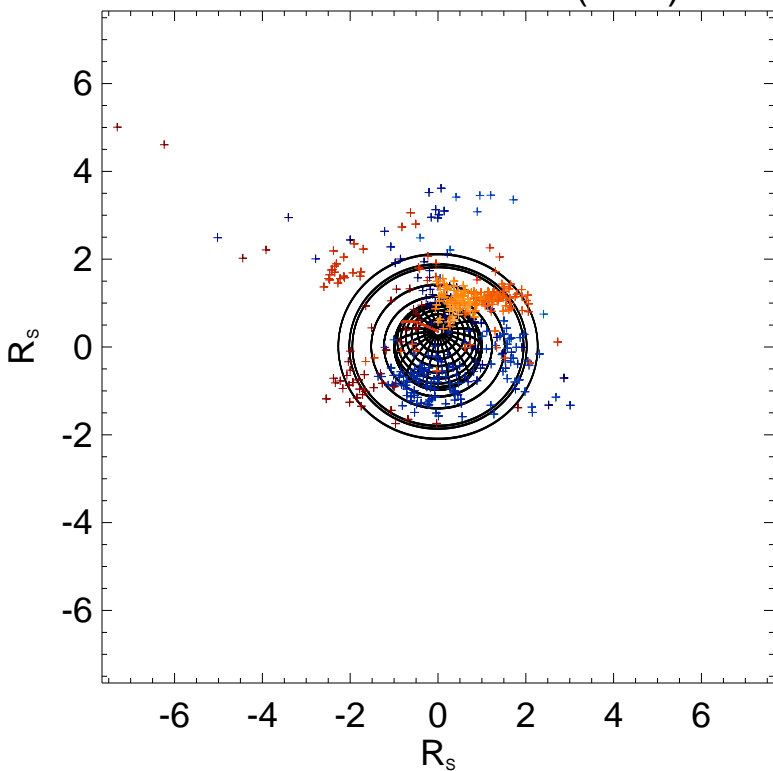
$TL_{S/C} = 19:41$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

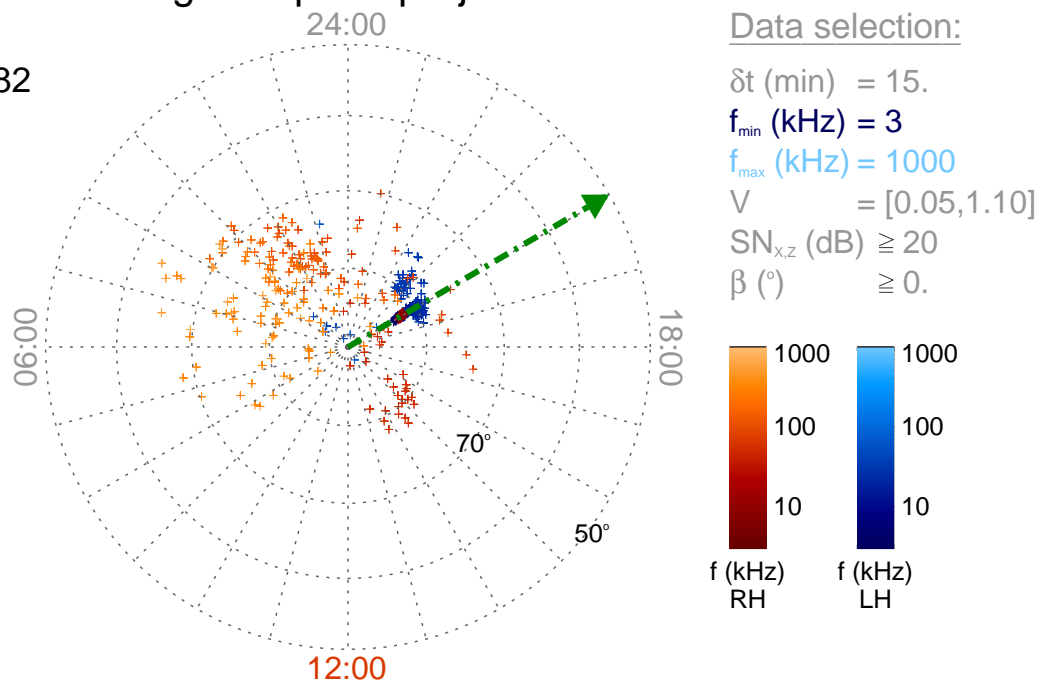
Time : 04:15

$r_{S/C}$  ( $R_s$ ) = 4.41

$\lambda_{S/C}$  ( $^\circ$ ) = 67.88

$TL_{S/C}$  = 20:01

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

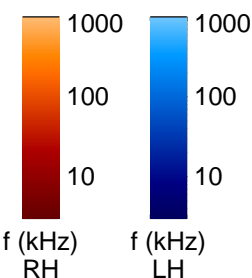
$f_{min}$  (kHz) = 3

$f_{max}$  (kHz) = 1000

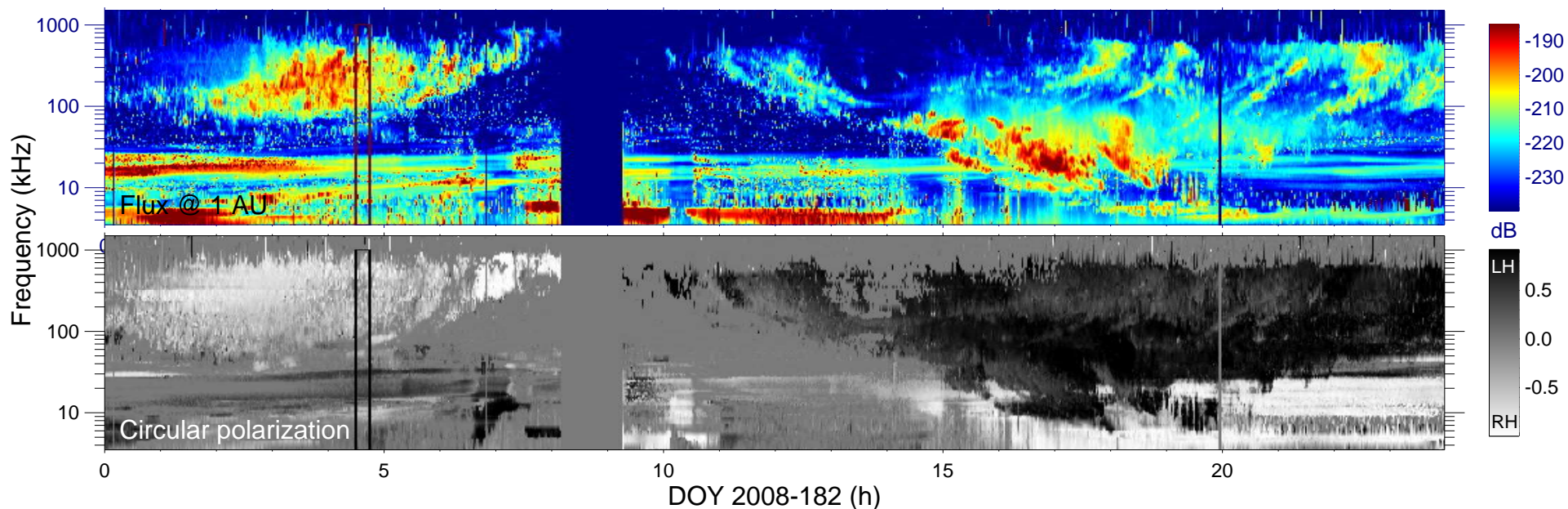
$V$  = [0.05, 1.10]

$SN_{x,z}$  (dB)  $\geq 20$

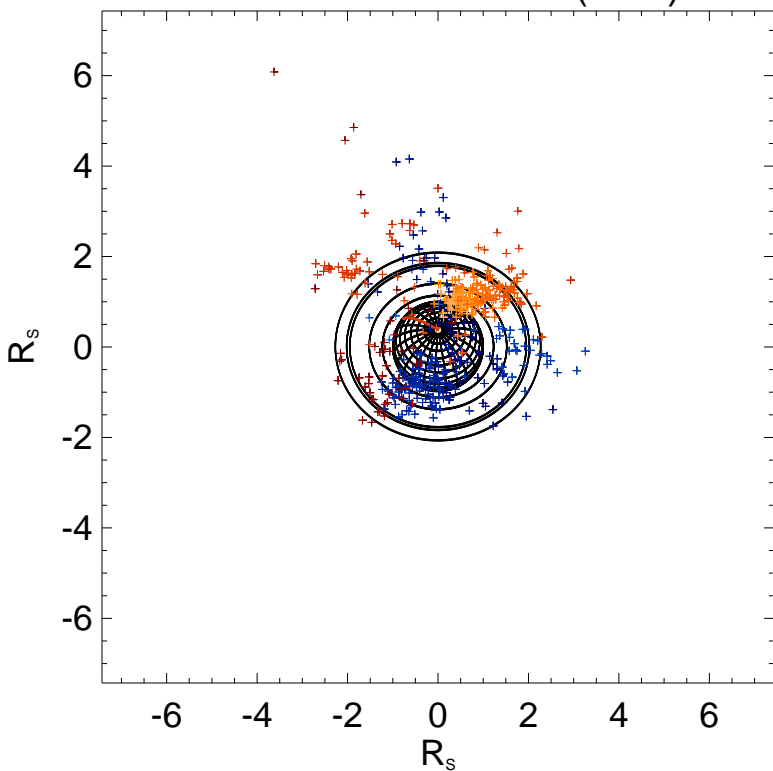
$\beta$  ( $^\circ$ )  $\geq 0$ .







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

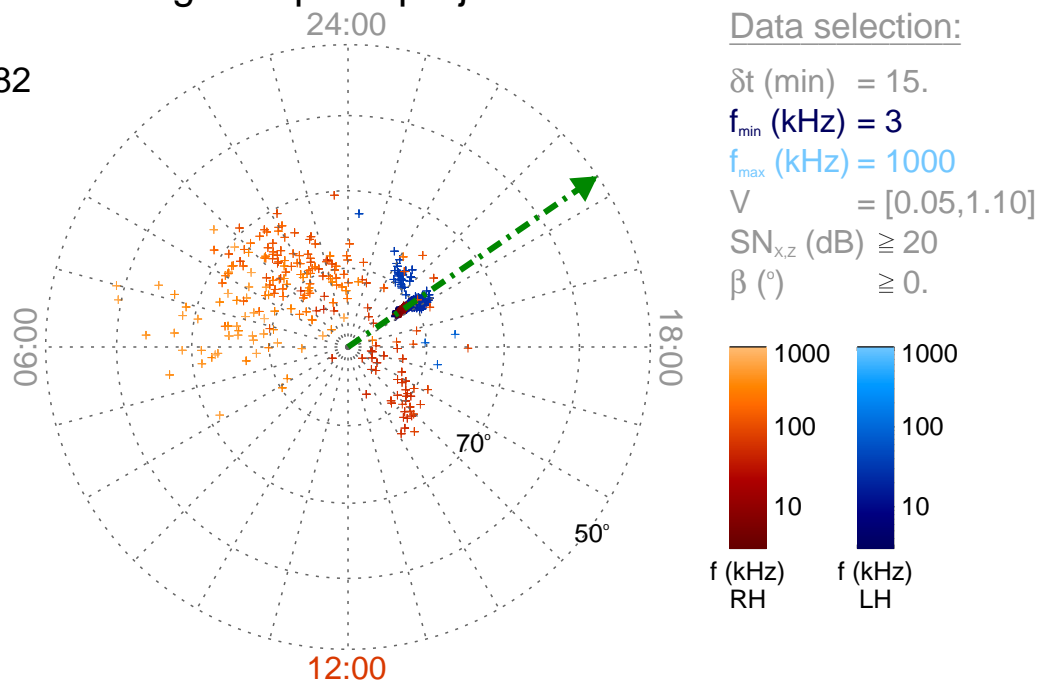
Time : 04:30

$r_{S/C}$  ( $R_s$ ) = 4.29

$\lambda_{S/C}$  ( $^\circ$ ) = 66.13

$TL_{S/C}$  = 20:17

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

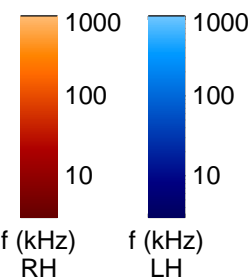
$f_{min}$  (kHz) = 3

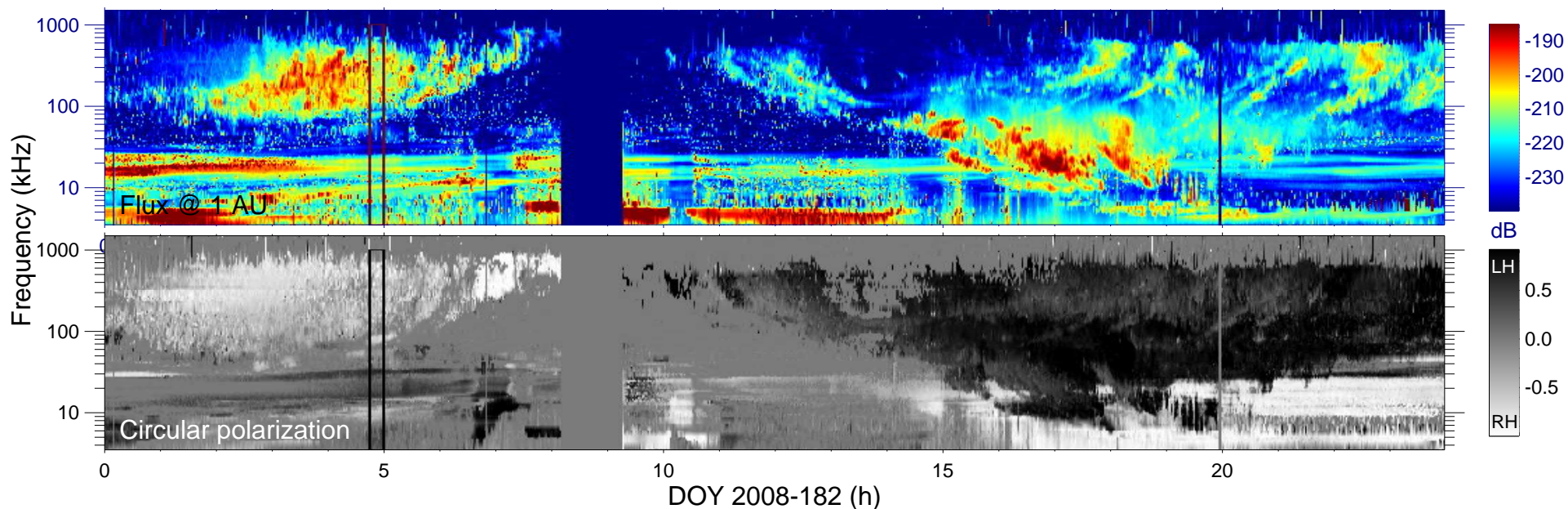
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

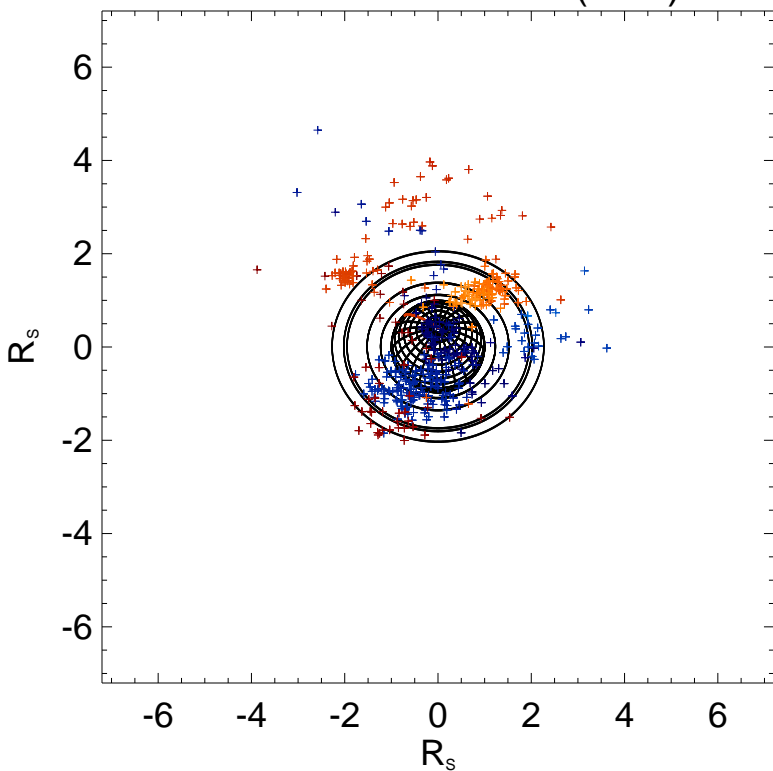
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

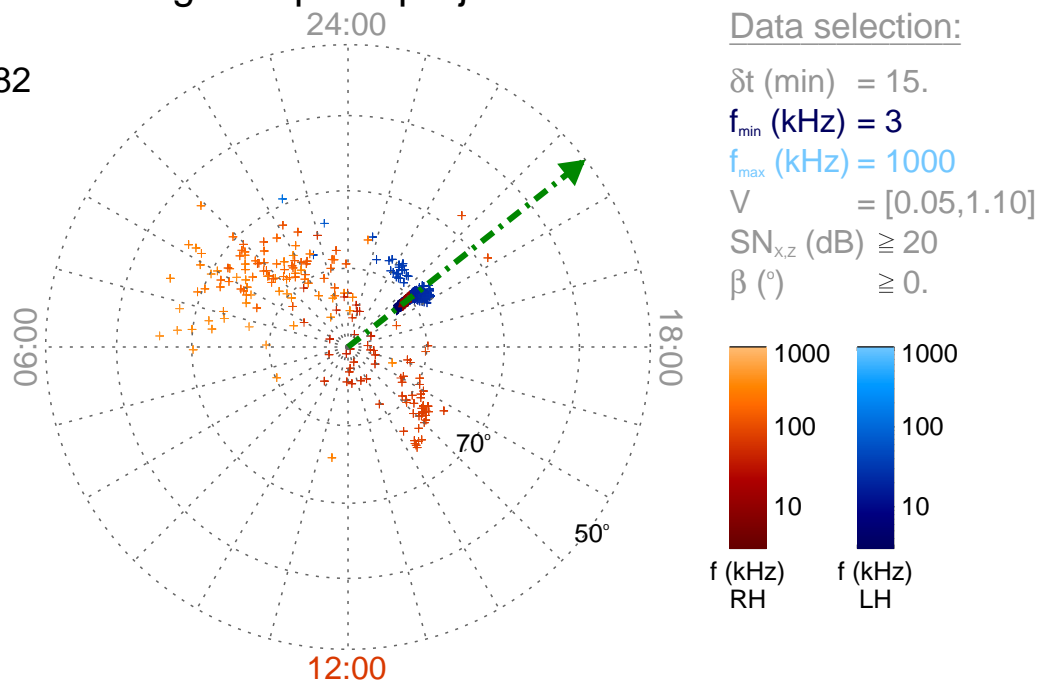
Time : 04:45

$r_{S/C}$  ( $R_s$ ) = 4.16

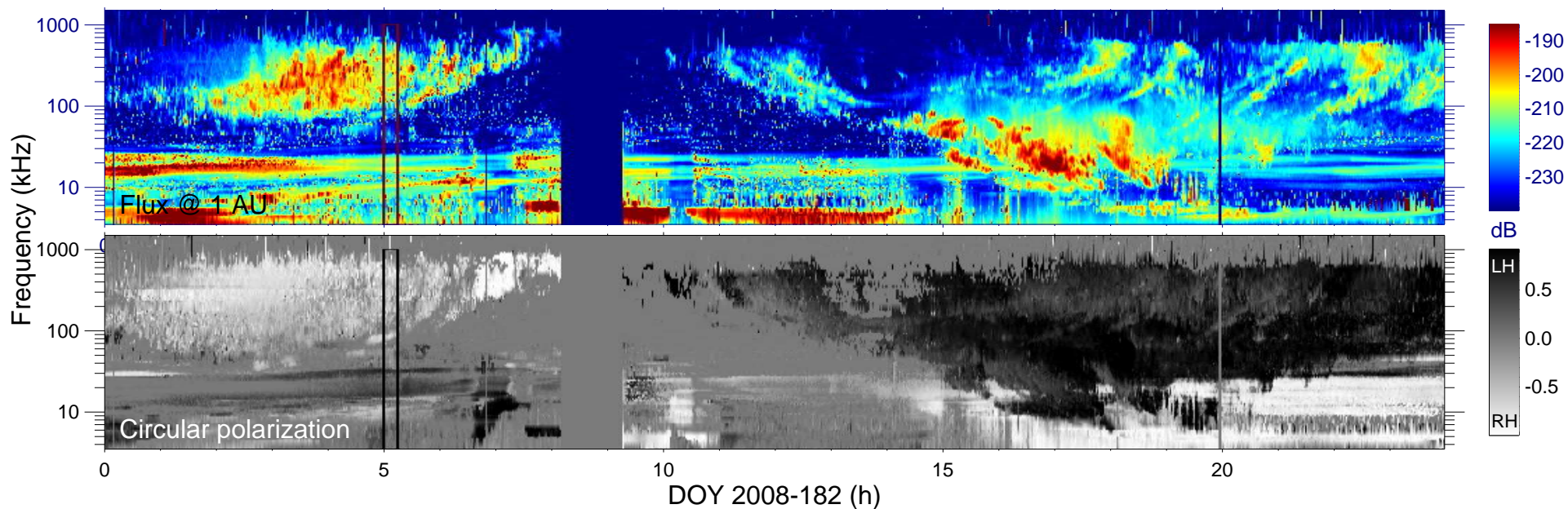
$\lambda_{S/C}$  ( $^\circ$ ) = 64.10

$TL_{S/C}$  = 20:33

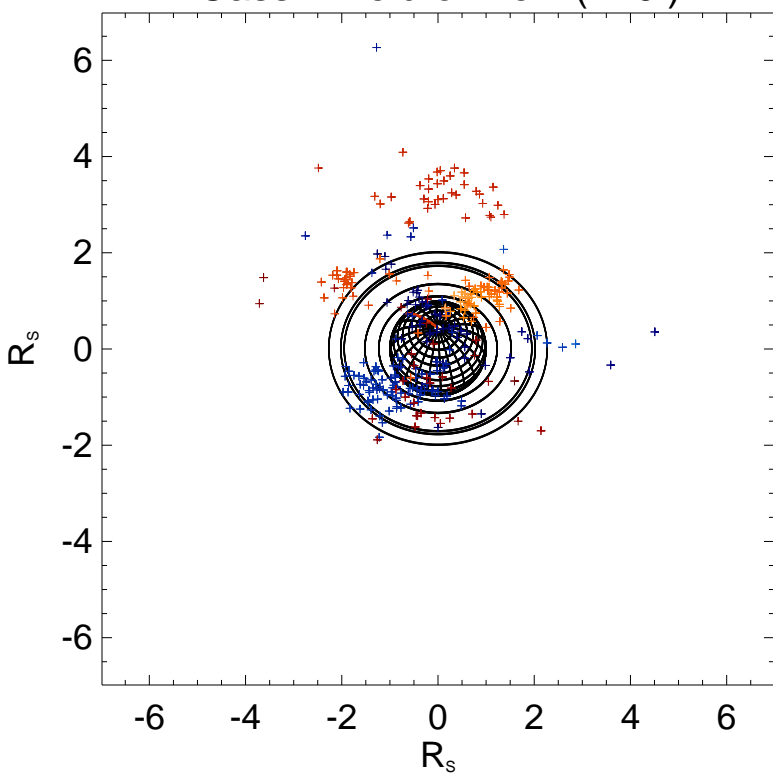
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

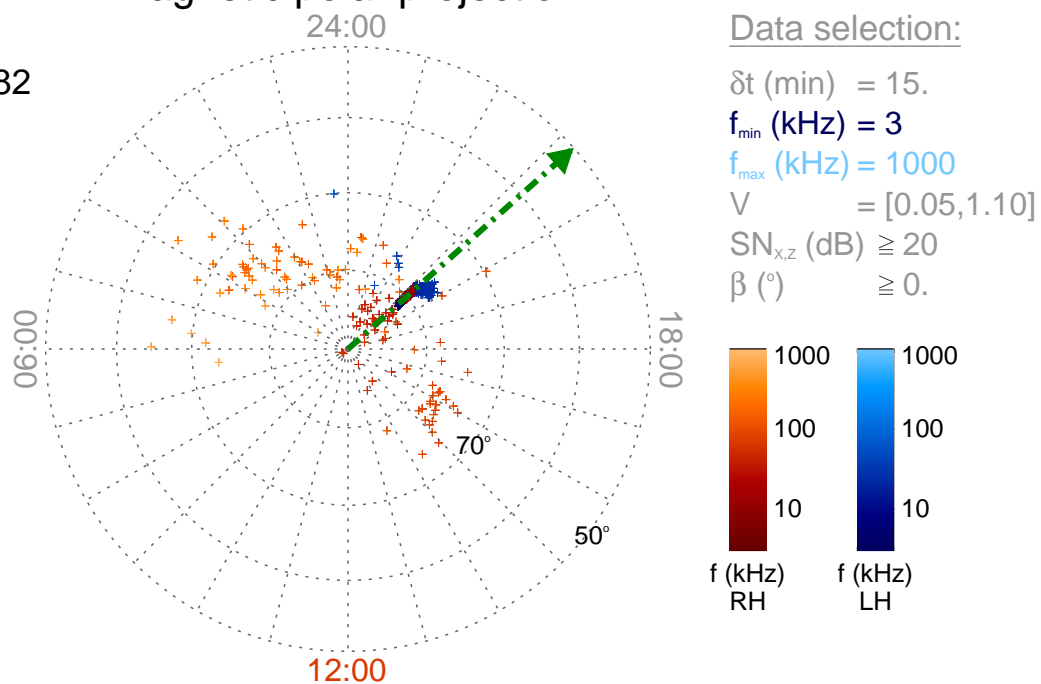
Time : 05:00

$r_{S/C}$  ( $R_s$ ) = 4.03

$\lambda_{S/C}$  ( $^\circ$ ) = 61.92

$TL_{S/C}$  = 20:46

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

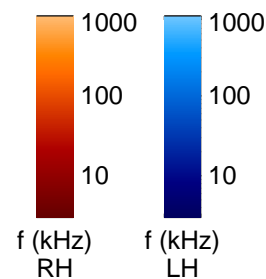
$f_{min}$  (kHz) = 3

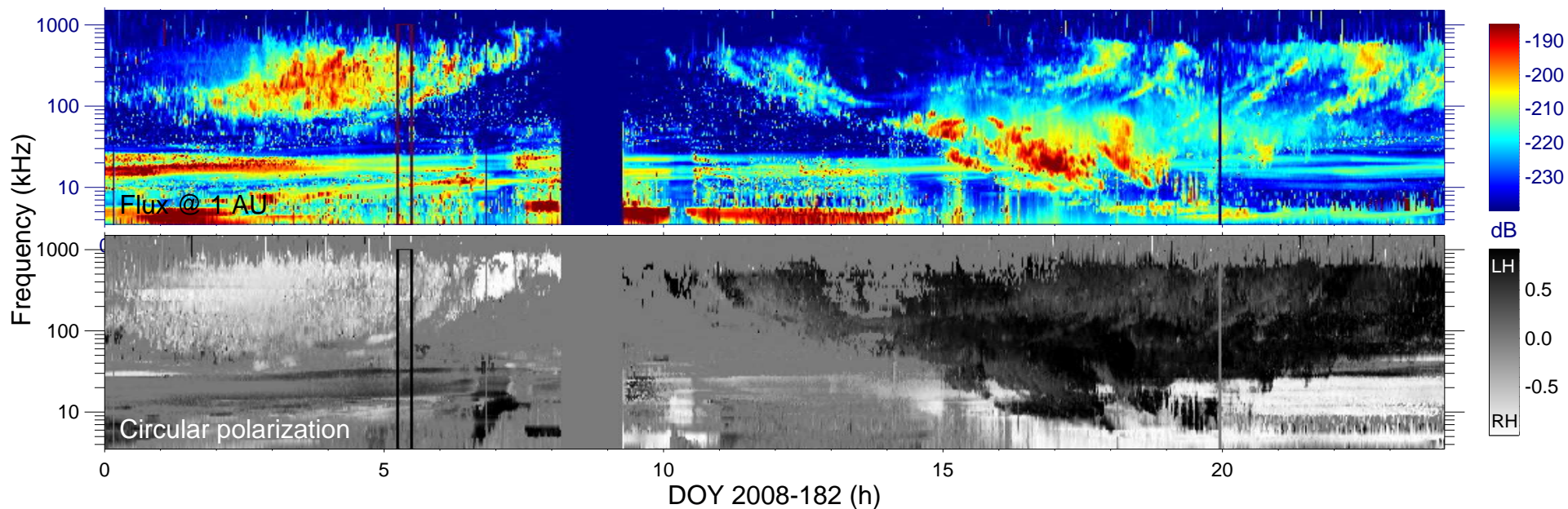
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

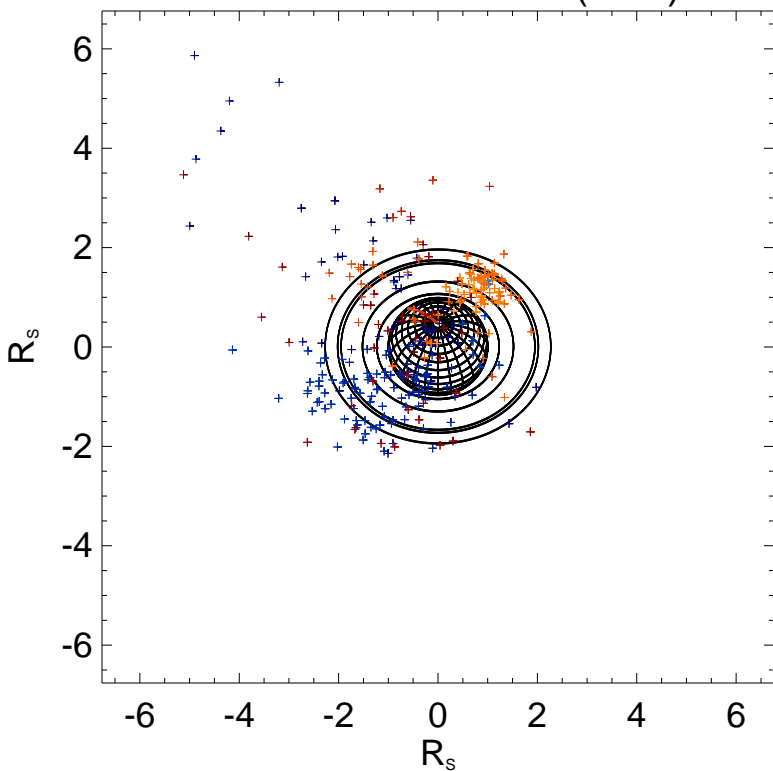
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

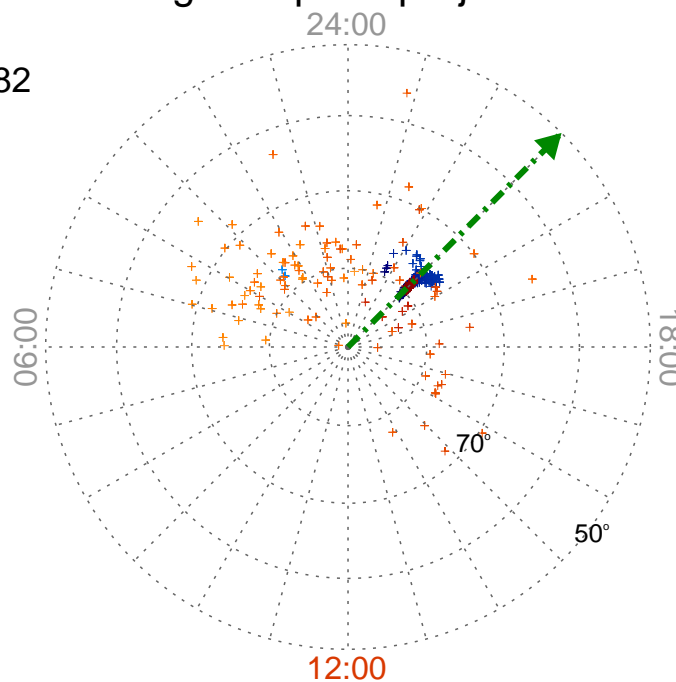
Time : 05:15

$r_{S/C}$  ( $R_s$ ) = 3.90

$\lambda_{S/C}$  ( $^\circ$ ) = 59.33

$TL_{S/C}$  = 21:00

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

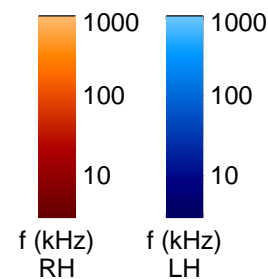
$f_{min}$  (kHz) = 3

$f_{max}$  (kHz) = 1000

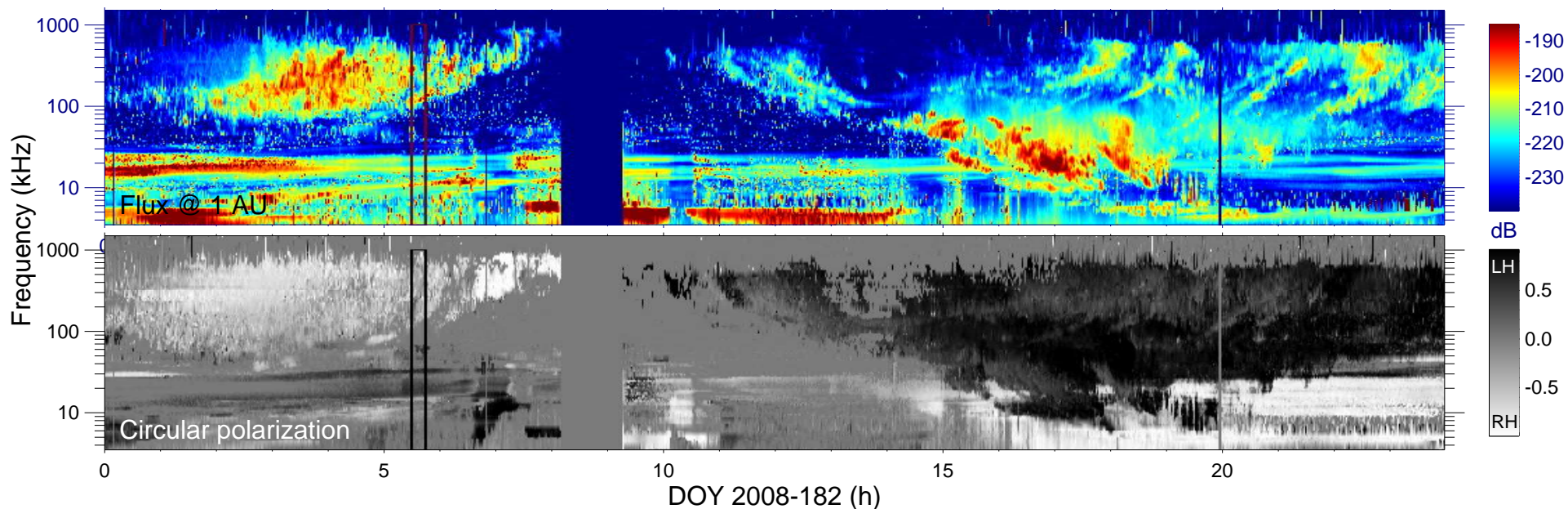
$V$  = [0.05, 1.10]

$SN_{x,z}$  (dB)  $\geq 20$

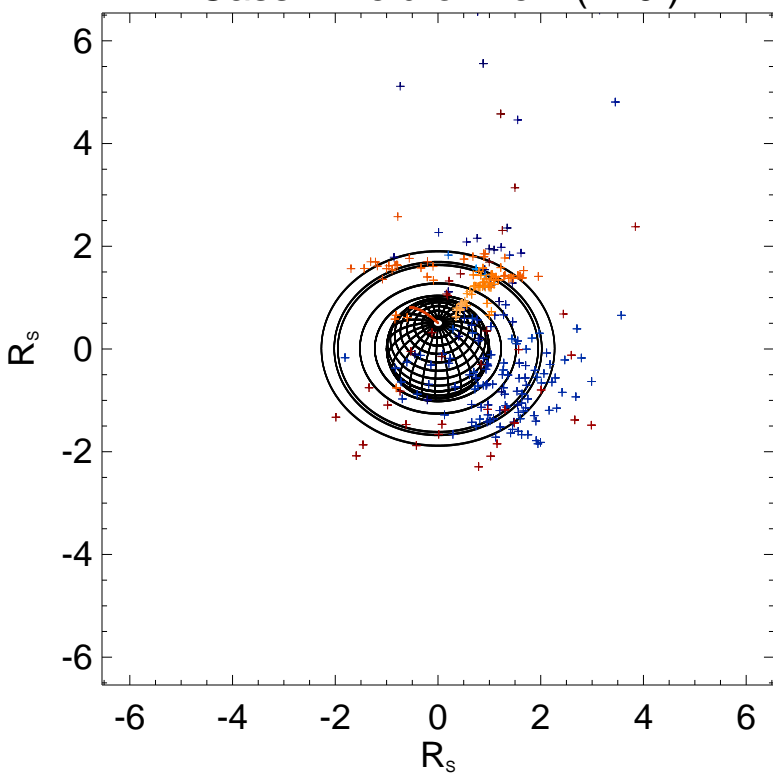
$\beta$  ( $^\circ$ )  $\geq 0$ .







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

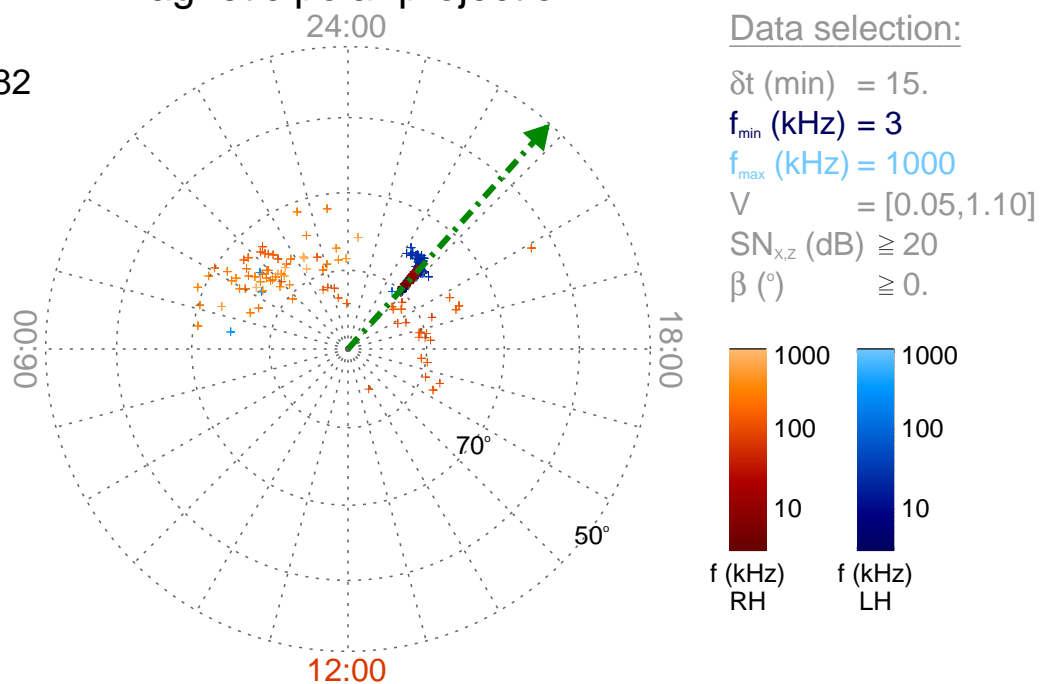
Time : 05:30

$r_{S/C} (R_s) = 3.77$

$\lambda_{S/C} (^\circ) = 56.49$

$TL_{S/C} = 21:12$

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

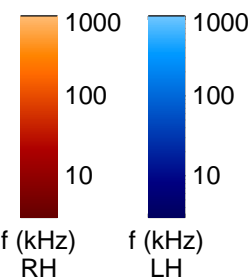
$f_{min}$  (kHz) = 3

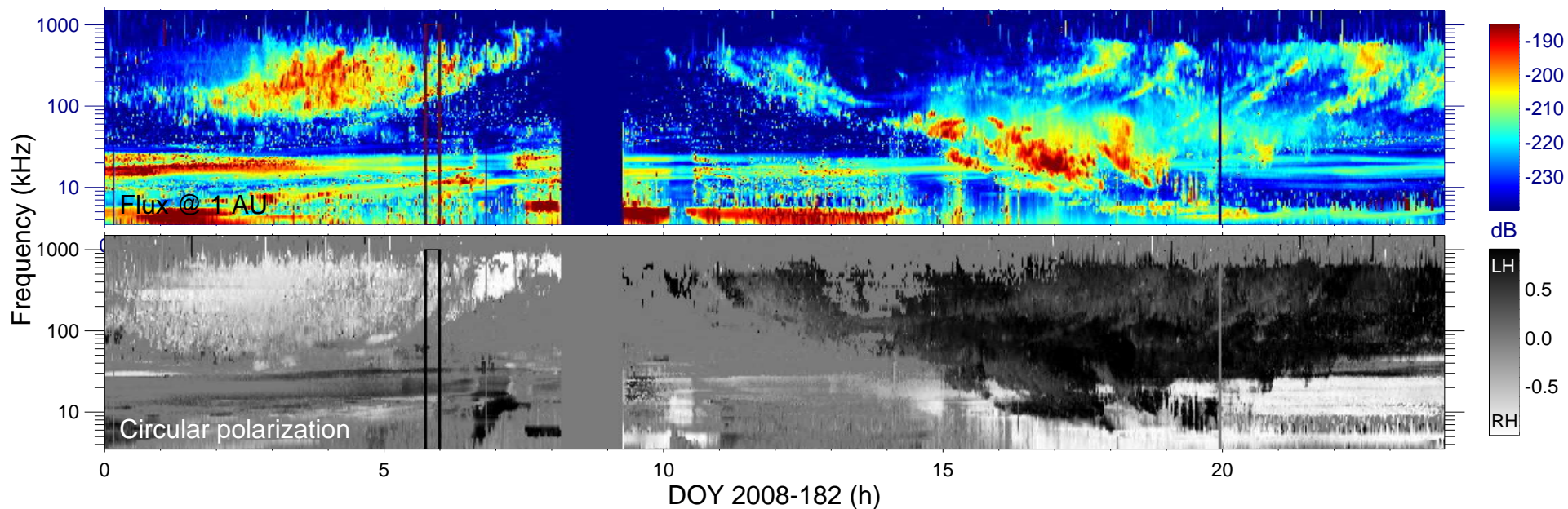
$f_{max}$  (kHz) = 1000

$V = [0.05, 1.10]$

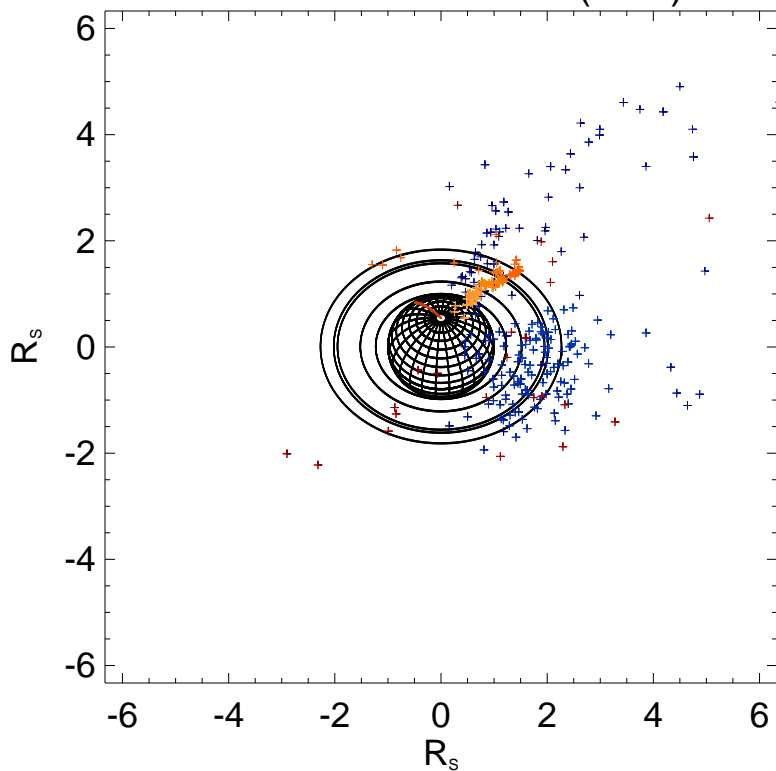
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

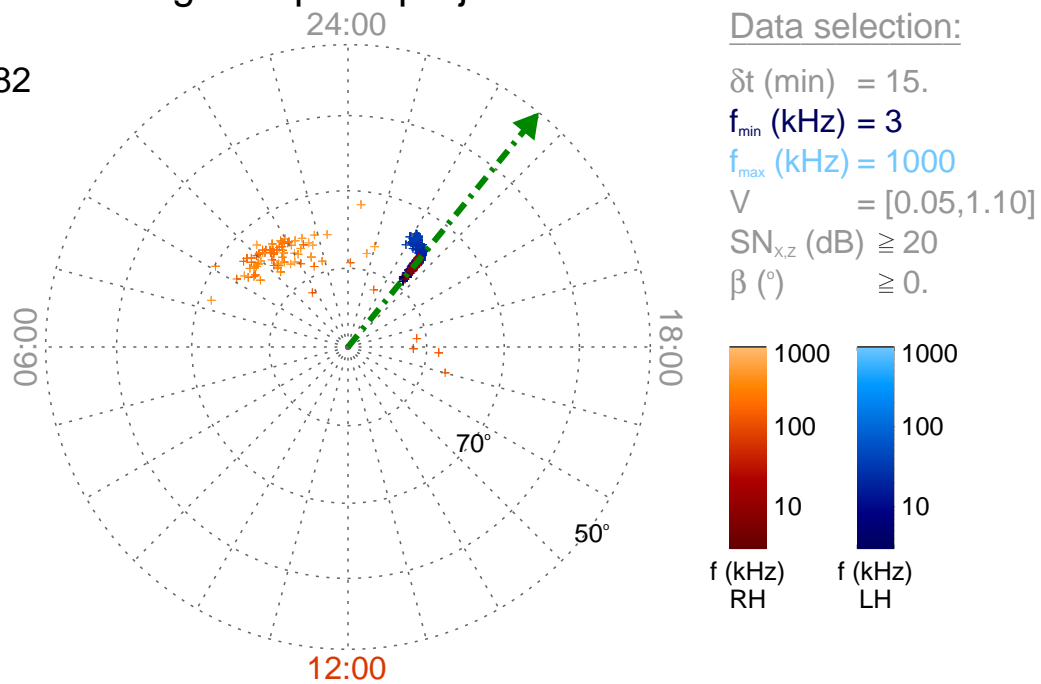
Time : 05:45

$r_{S/C} (R_s) = 3.65$

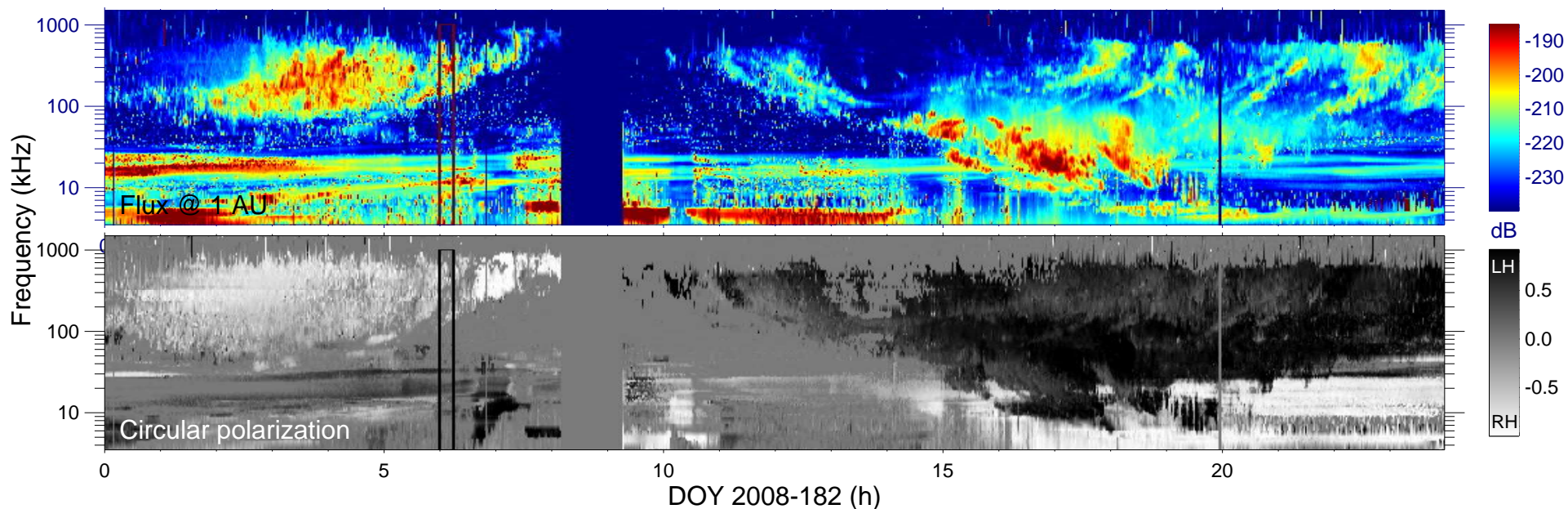
$\lambda_{S/C} (^\circ) = 53.49$

$TL_{S/C} = 21:23$

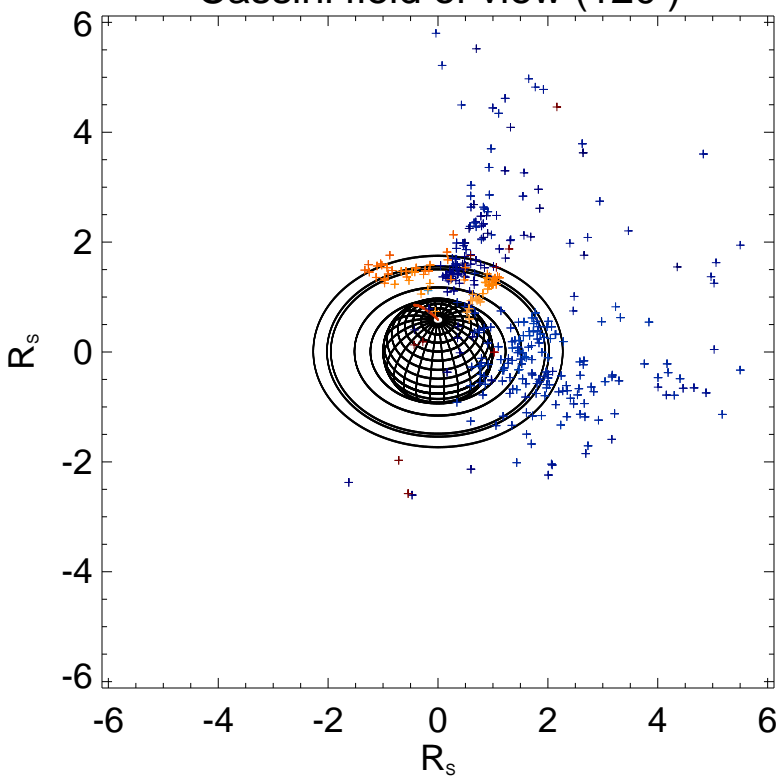
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

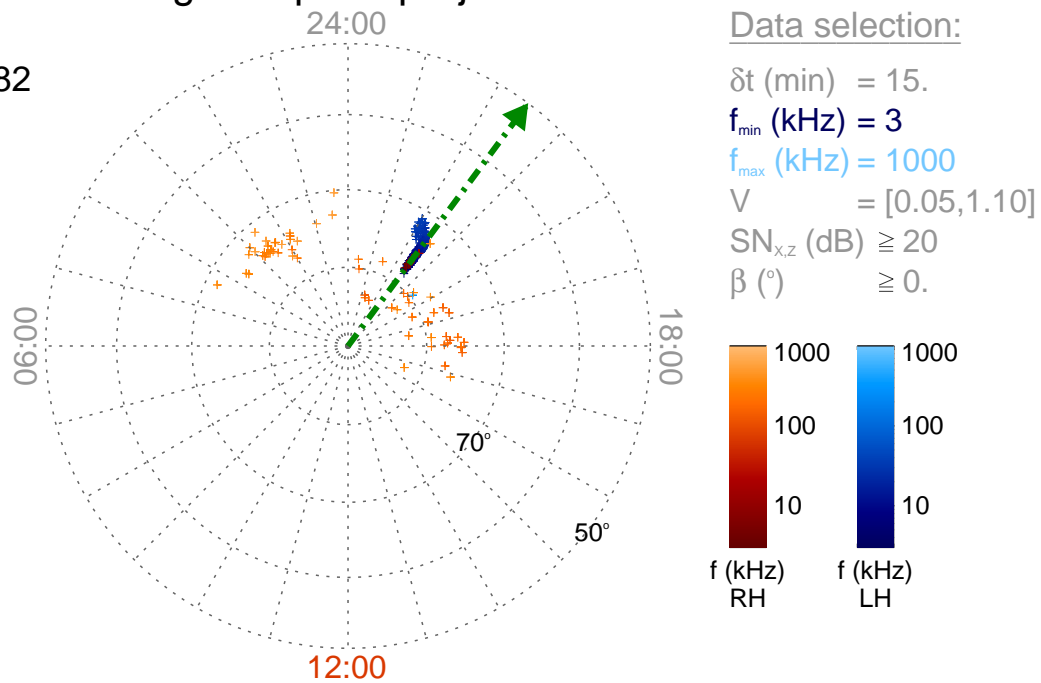
Time : 06:00

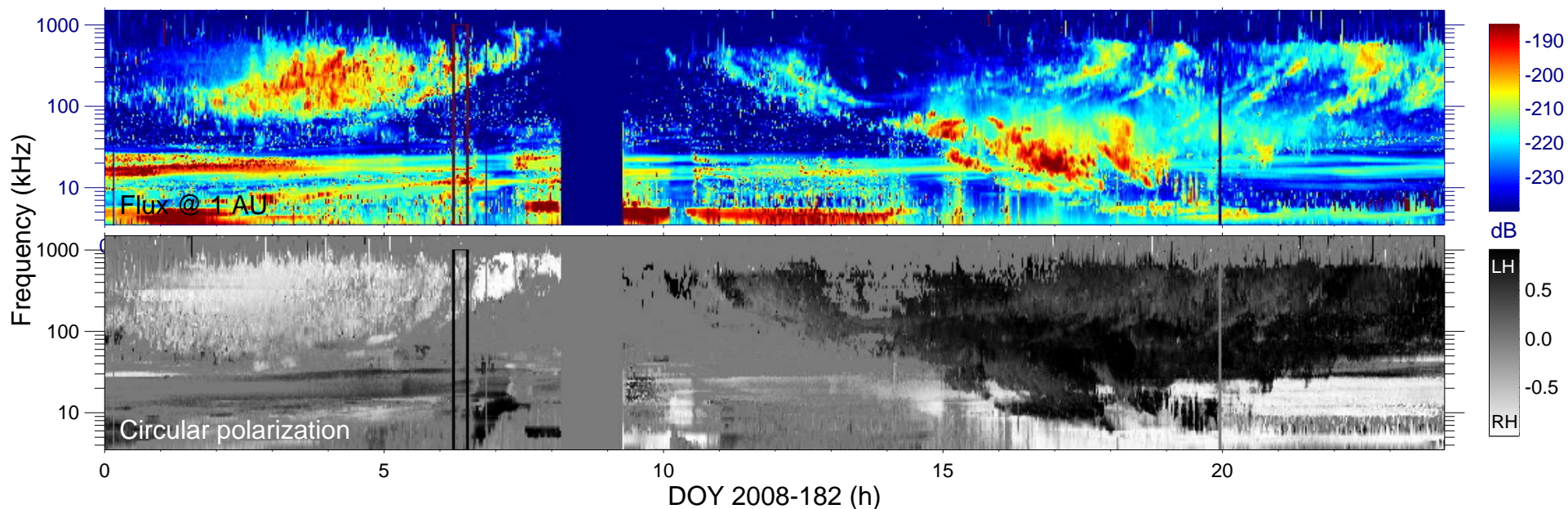
$r_{S/C} (R_s) = 3.53$

$\lambda_{S/C} (^\circ) = 50.11$

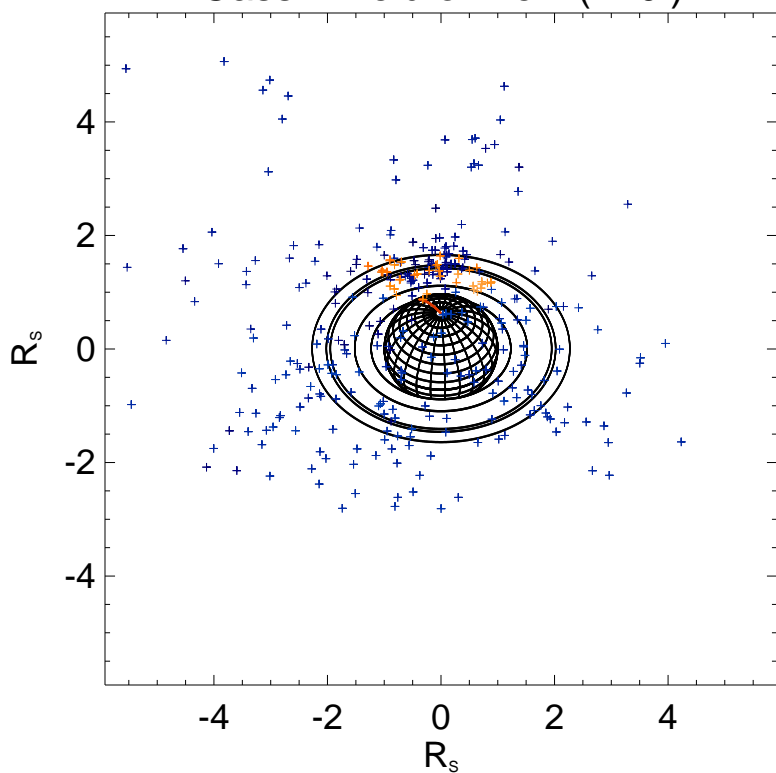
$TL_{S/C} = 21:33$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

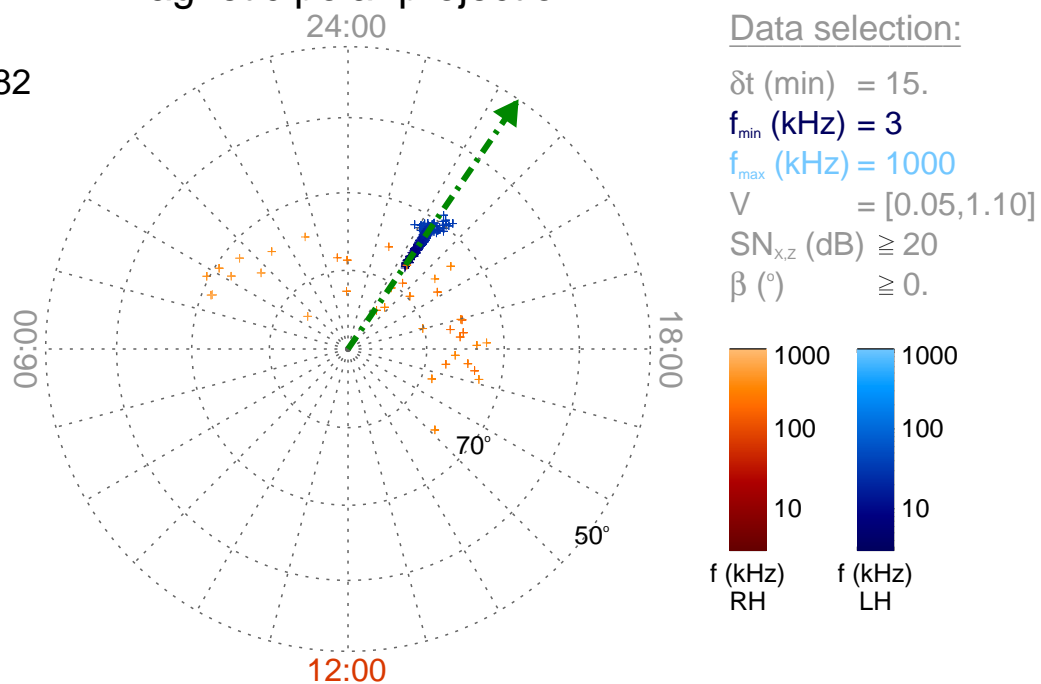
Time : 06:15

$r_{S/C} (R_s) = 3.41$

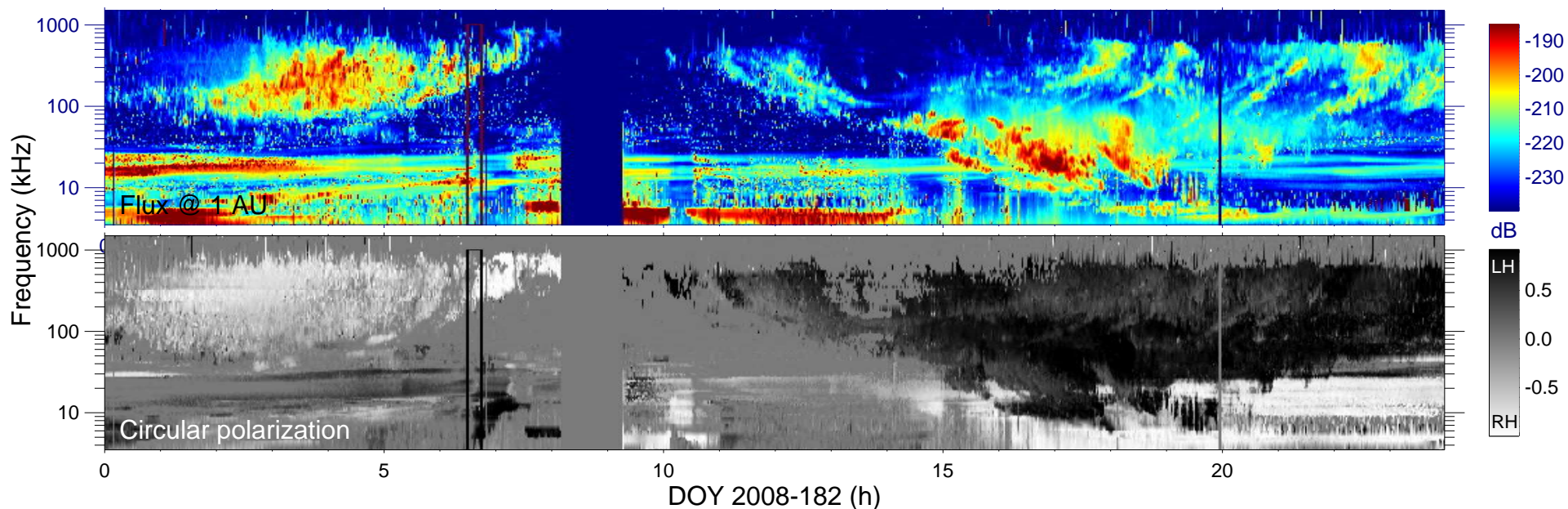
$\lambda_{S/C} (^\circ) = 46.69$

$TL_{S/C} = 21:42$

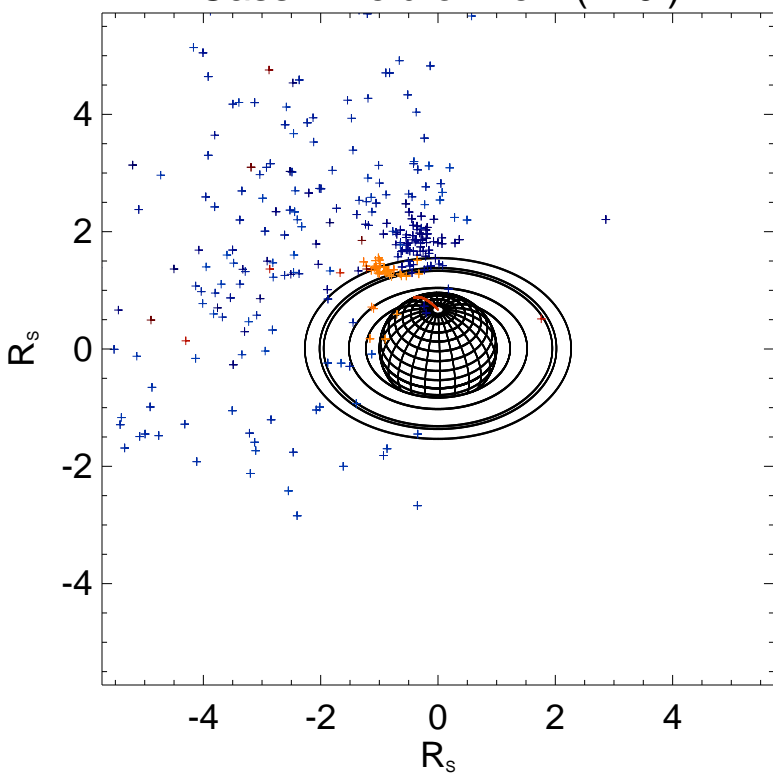
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

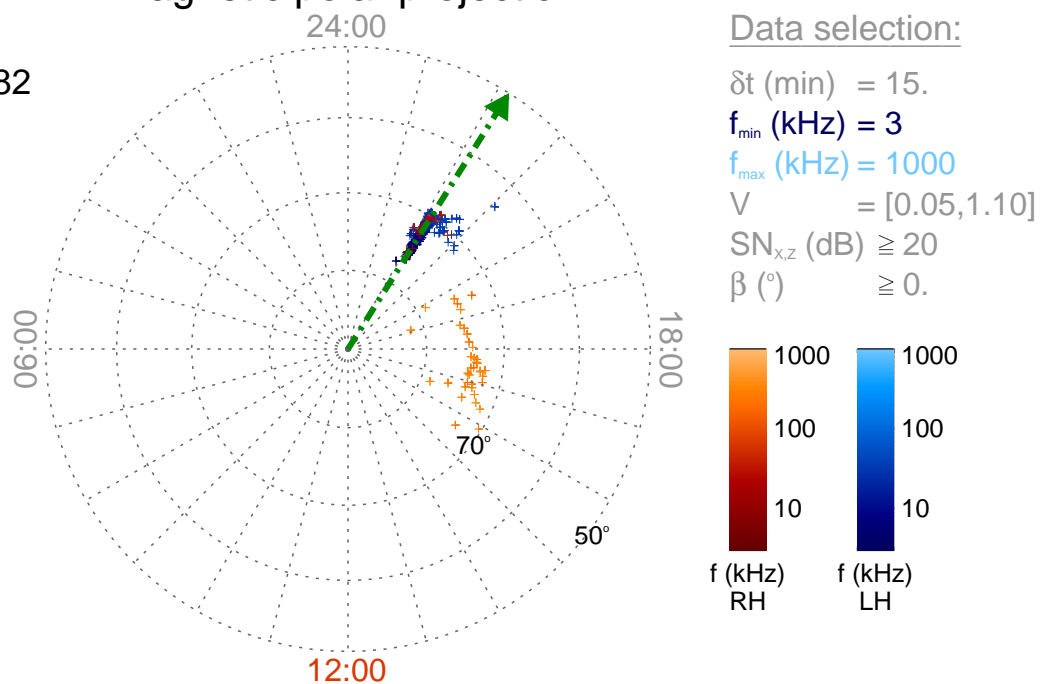
Time : 06:30

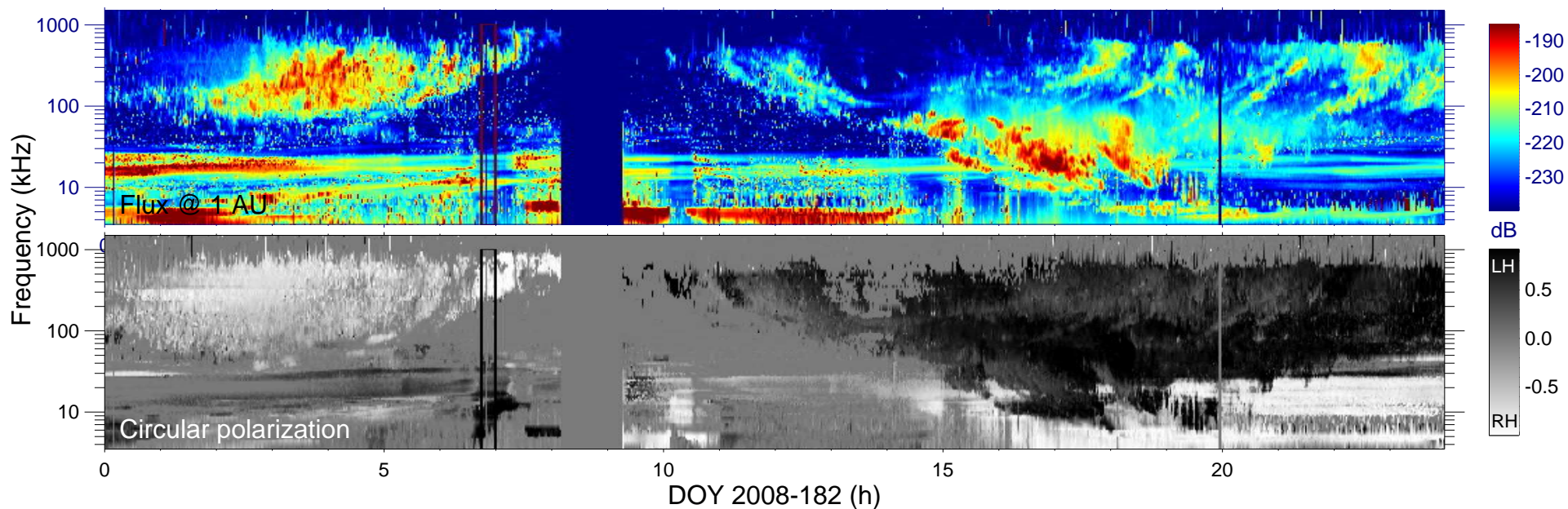
$r_{S/C}$  ( $R_s$ ) = 3.30

$\lambda_{S/C}$  ( $^\circ$ ) = 42.85

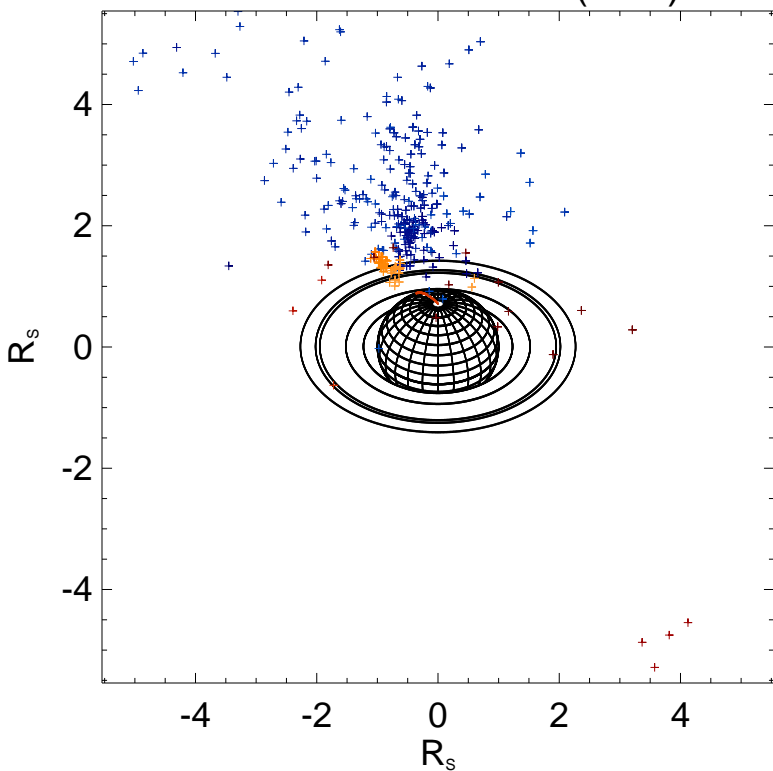
$TL_{S/C}$  = 21:51

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

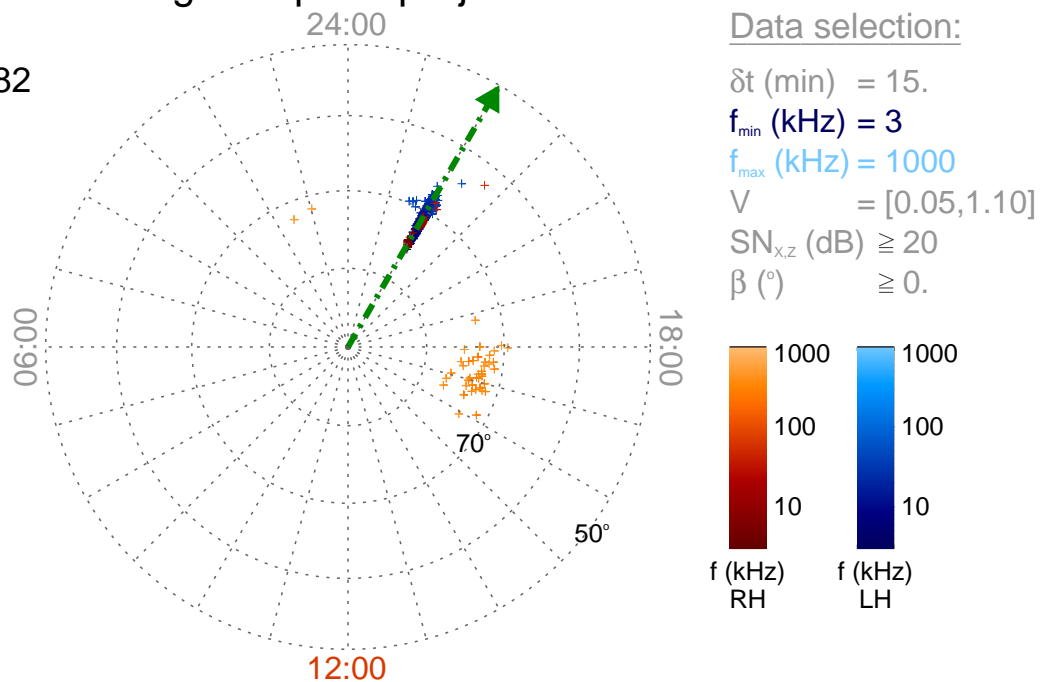
Time : 06:45

$r_{S/C}$  ( $R_s$ ) = 3.19

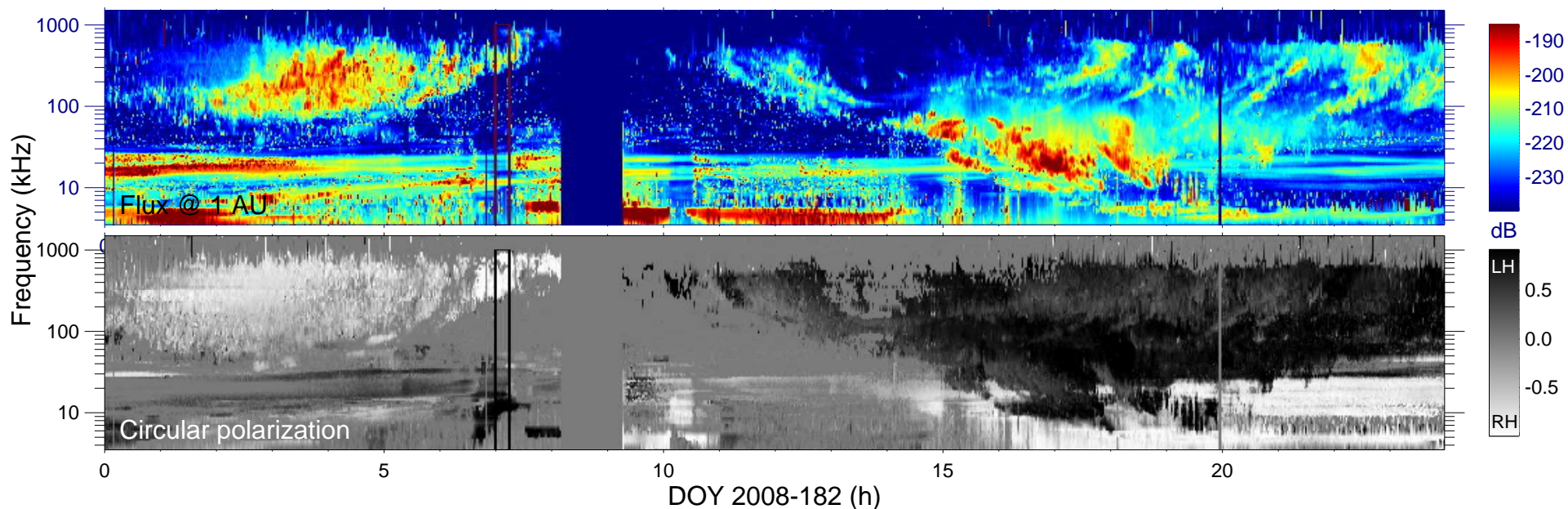
$\lambda_{S/C}$  ( $^\circ$ ) = 38.43

$TL_{S/C}$  = 21:59

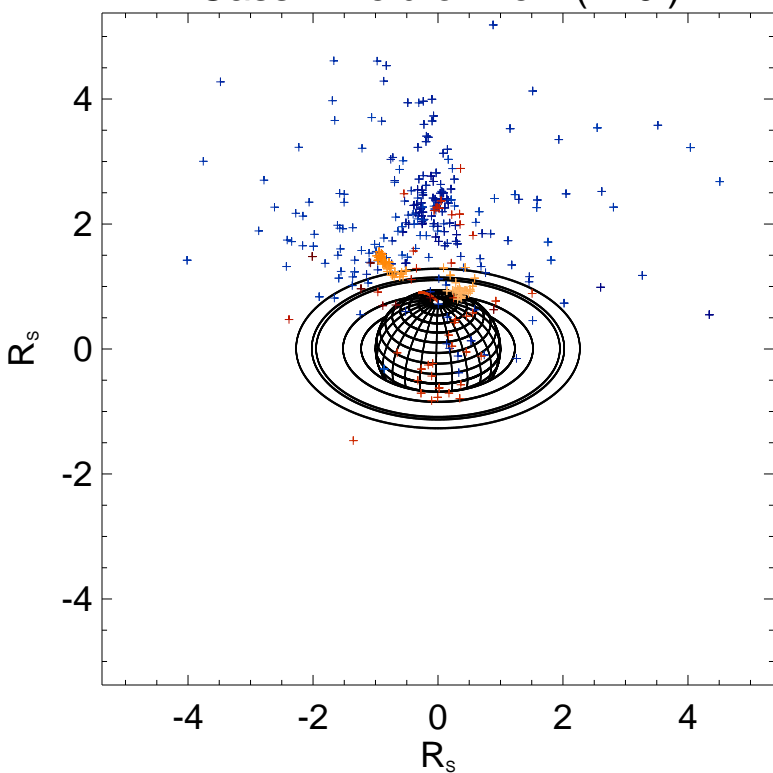
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

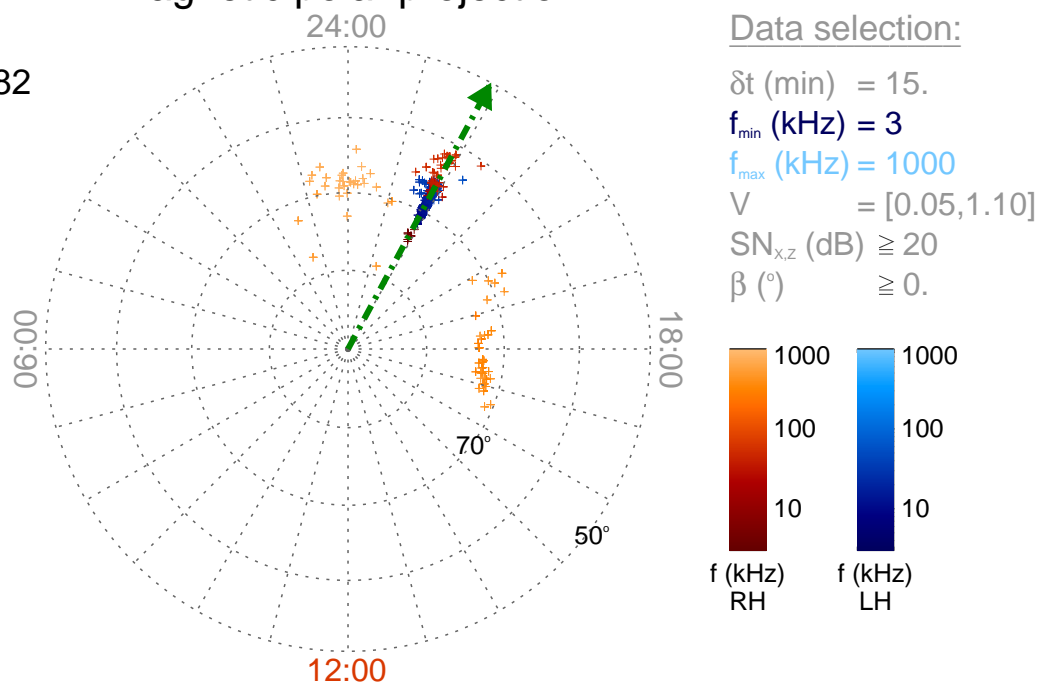
Time : 07:00

$r_{S/C}$  ( $R_s$ ) = 3.10

$\lambda_{S/C}$  ( $^\circ$ ) = 34.30

$TL_{S/C}$  = 22:06

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

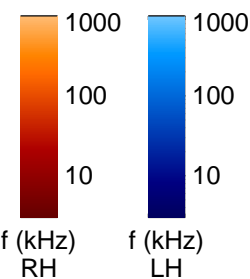
$f_{min}$  (kHz) = 3

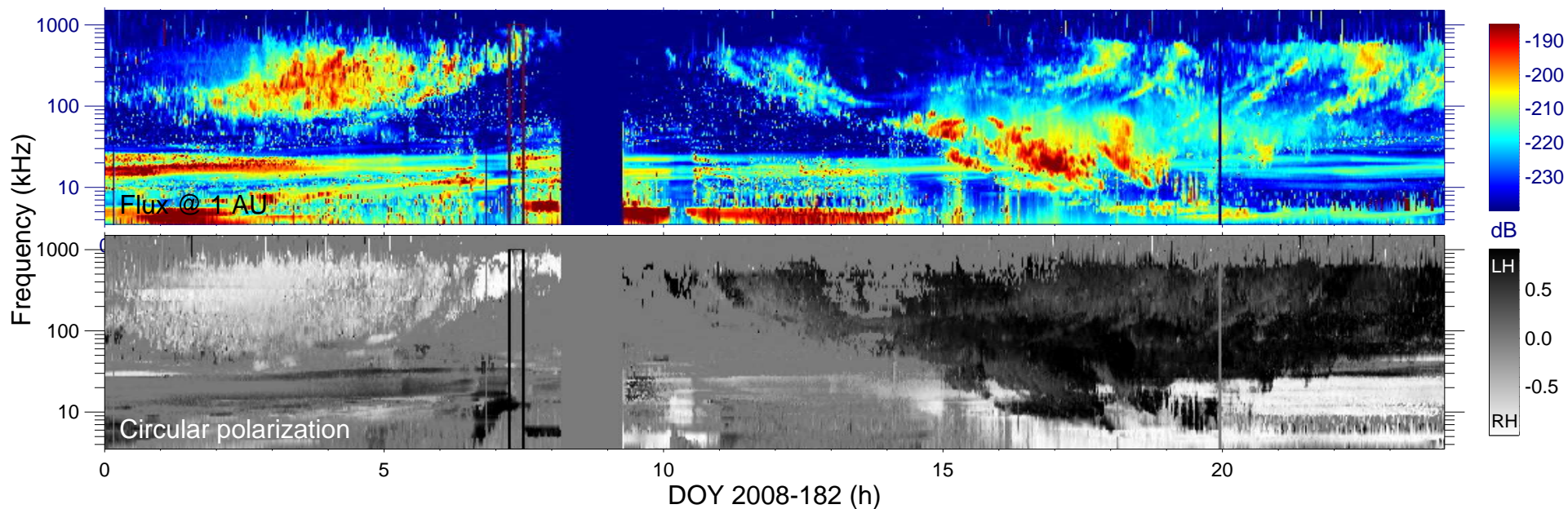
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

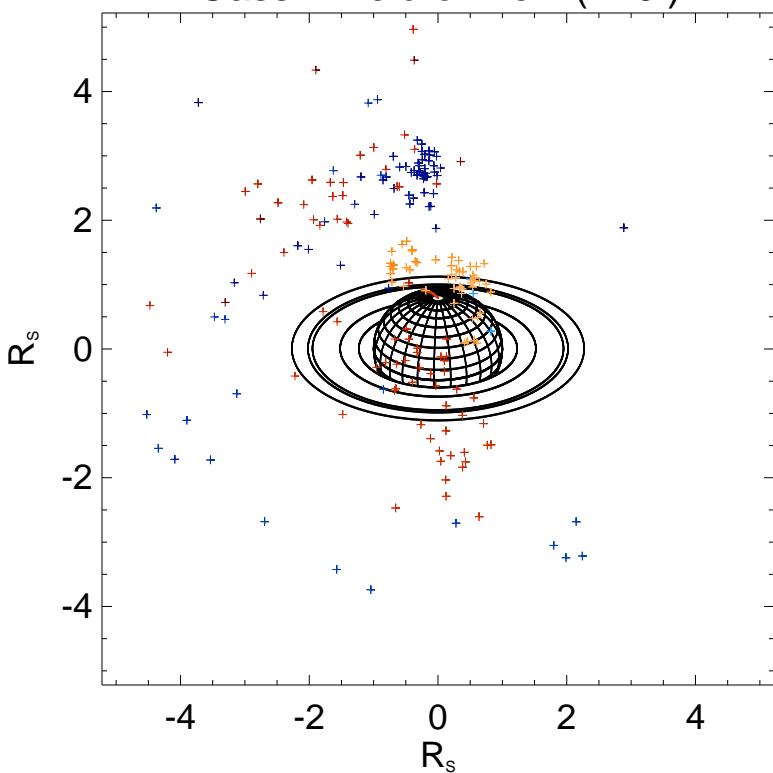
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

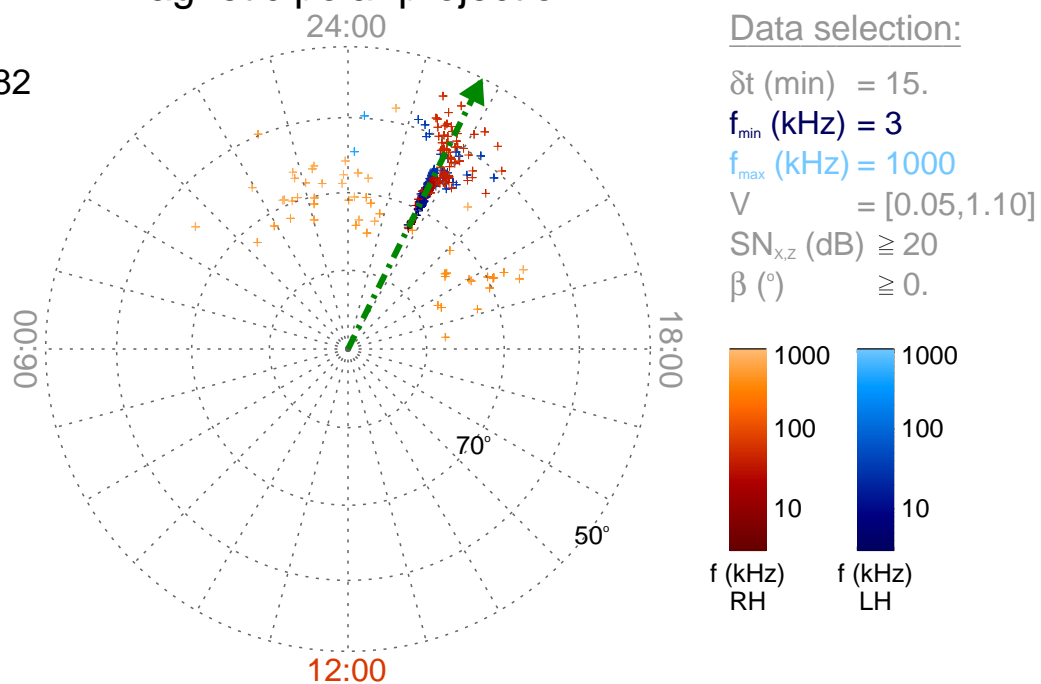
Time : 07:15

$r_{S/C}$  ( $R_s$ ) = 3.01

$\lambda_{S/C}$  ( $^\circ$ ) = 29.56

$TL_{S/C}$  = 22:14

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

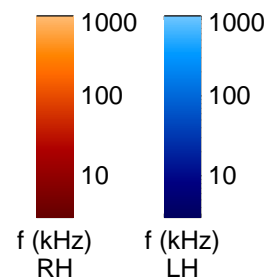
$f_{min}$  (kHz) = 3

$f_{max}$  (kHz) = 1000

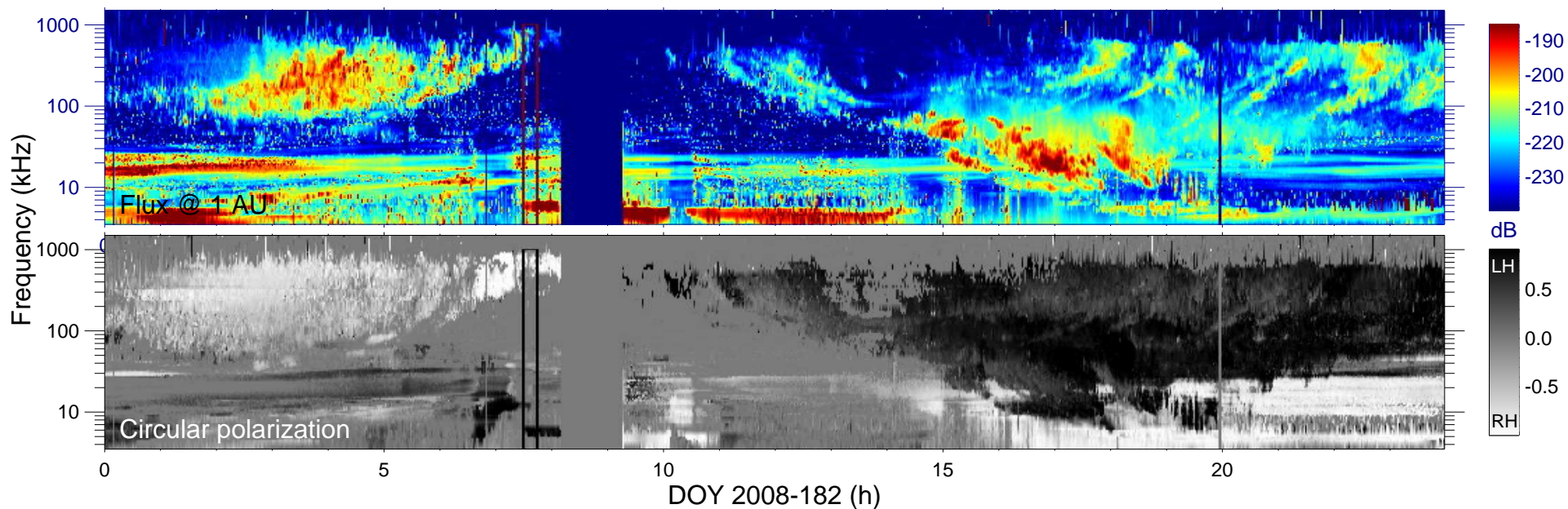
$V$  = [0.05, 1.10]

$SN_{x,z}$  (dB)  $\geq 20$

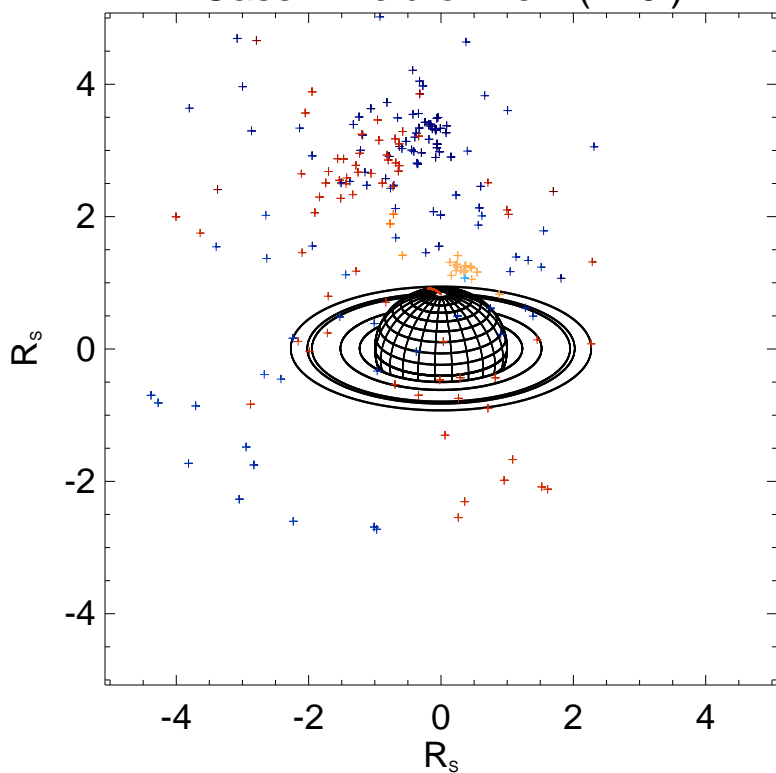
$\beta$  ( $^\circ$ )  $\geq 0$ .







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

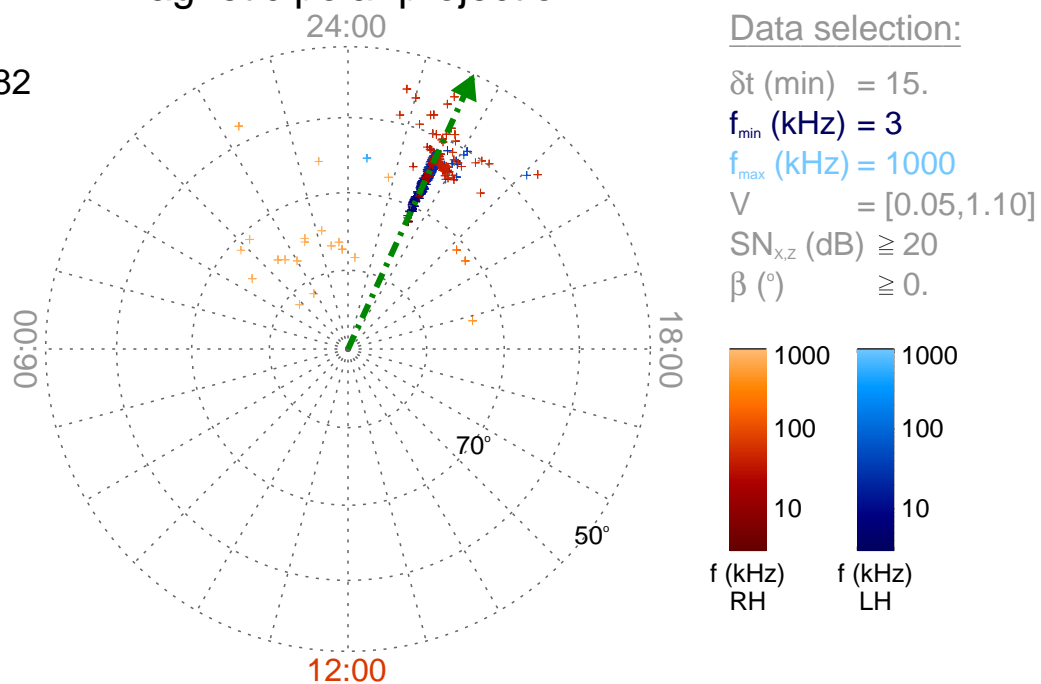
Time : 07:30

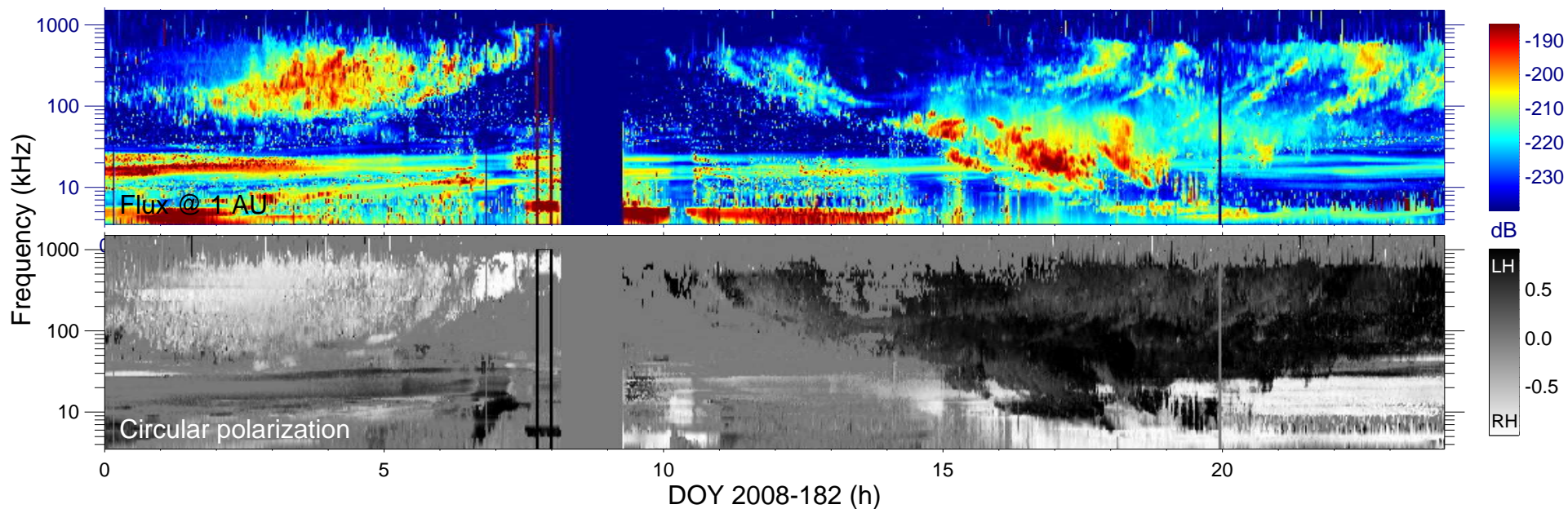
$r_{S/C}$  ( $R_s$ ) = 2.93

$\lambda_{S/C}$  ( $^\circ$ ) = 24.33

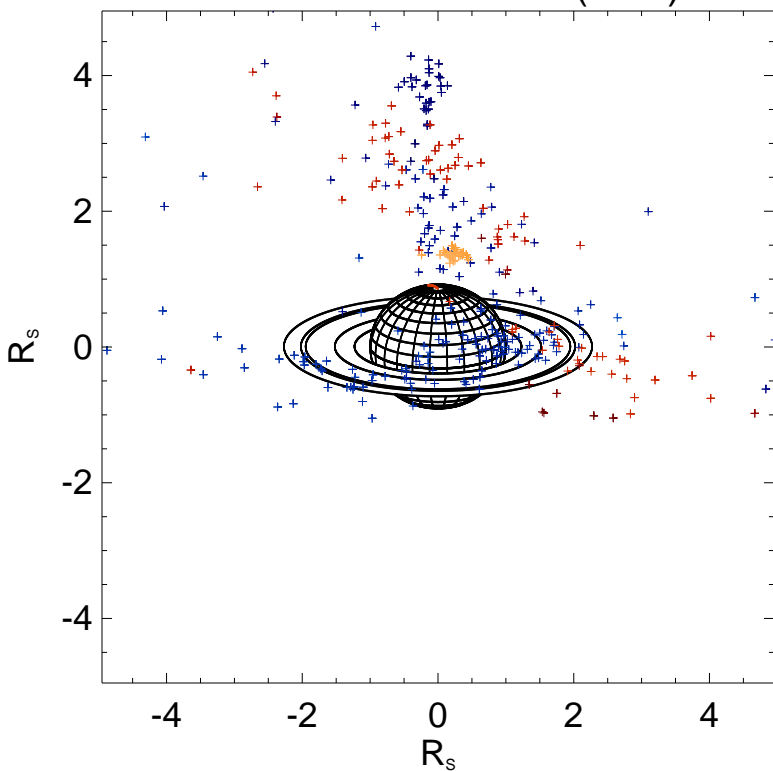
$TL_{S/C}$  = 22:21

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

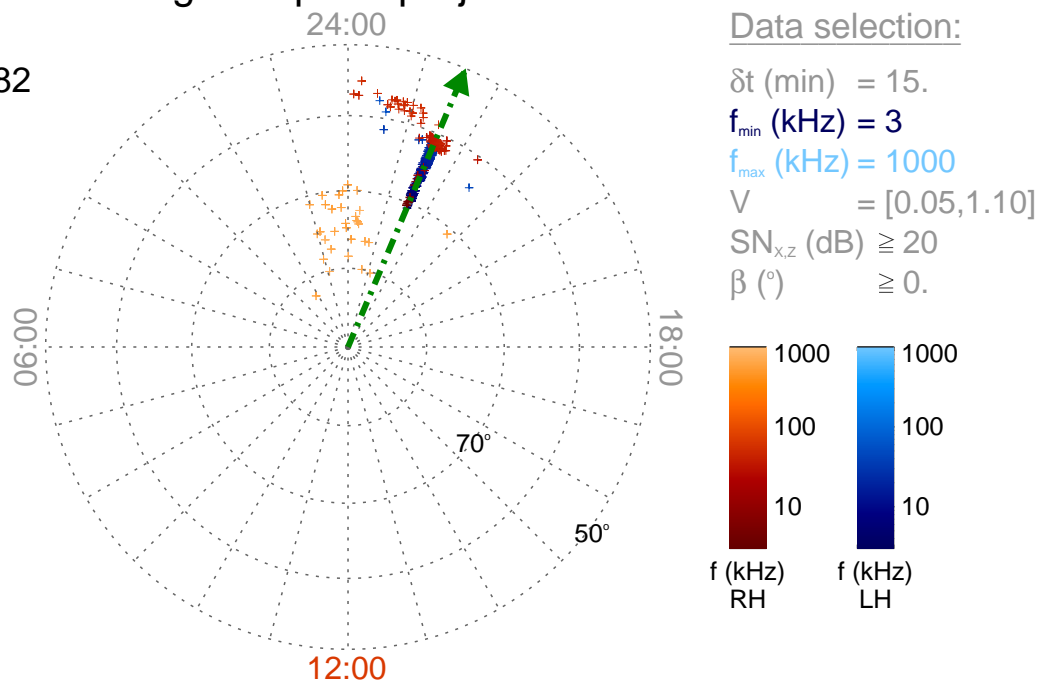
Time : 07:45

$r_{S/C}$  ( $R_s$ ) = 2.85

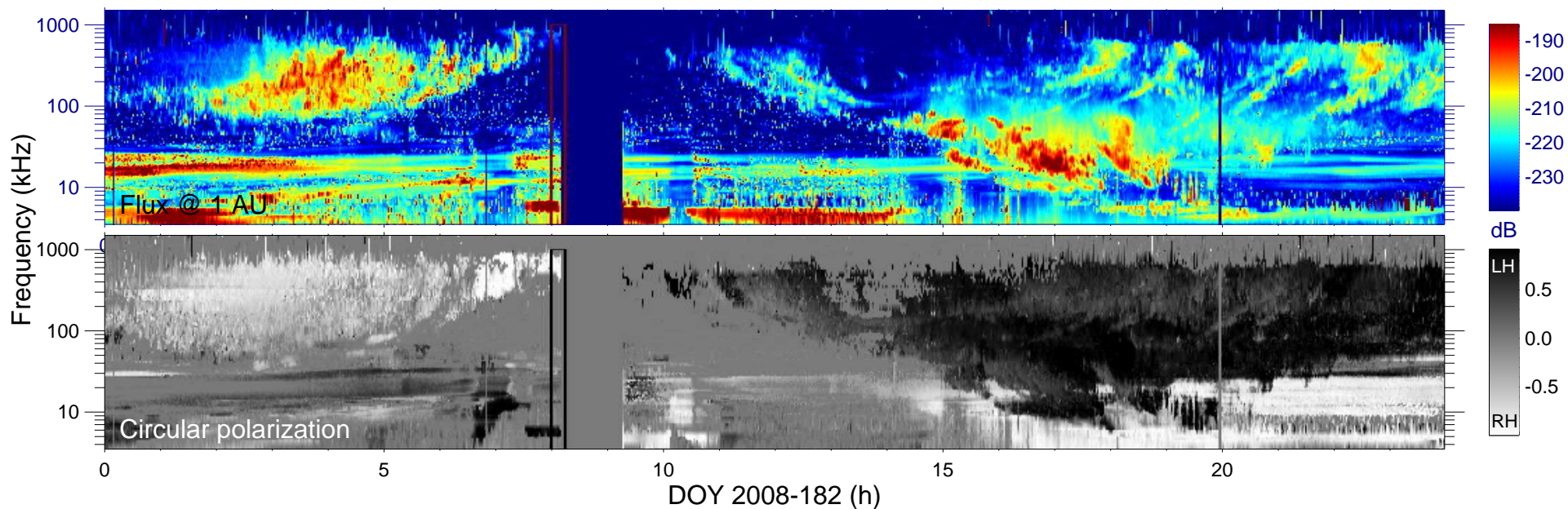
$\lambda_{S/C}$  ( $^\circ$ ) = 18.98

$TL_{S/C}$  = 22:28

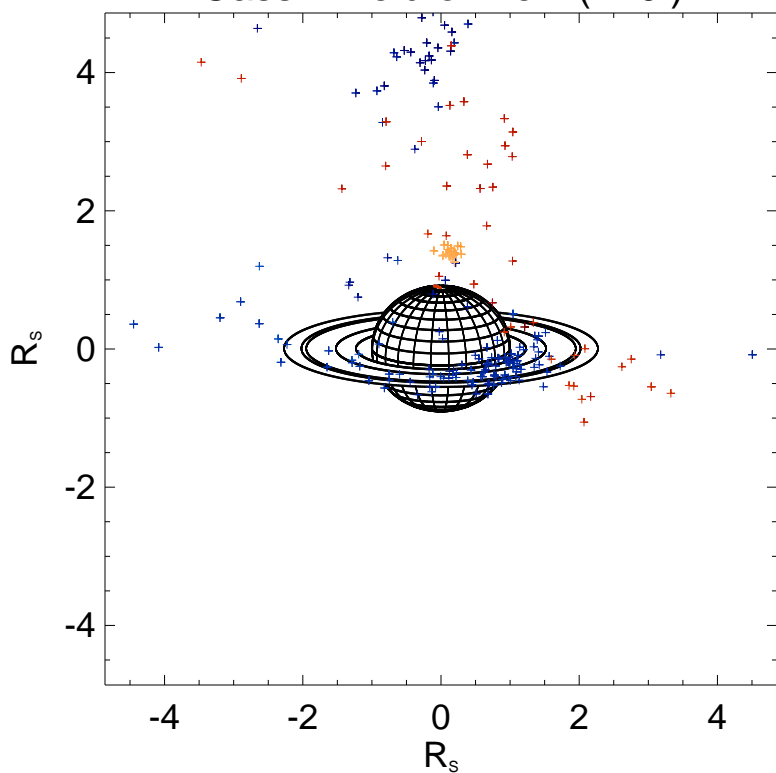
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

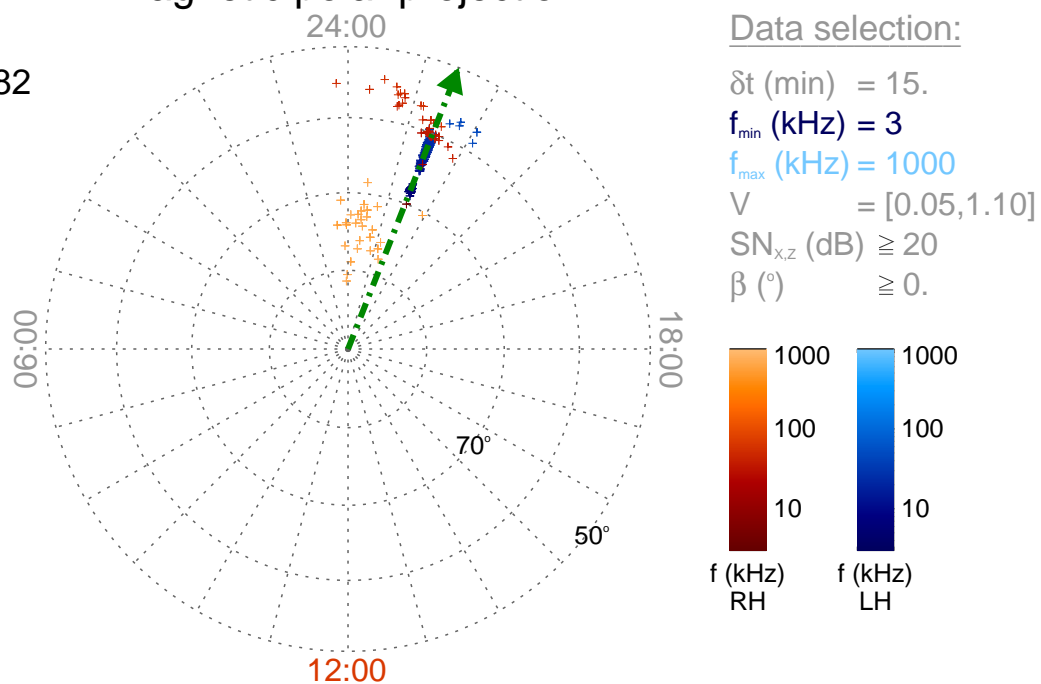
Time : 08:00

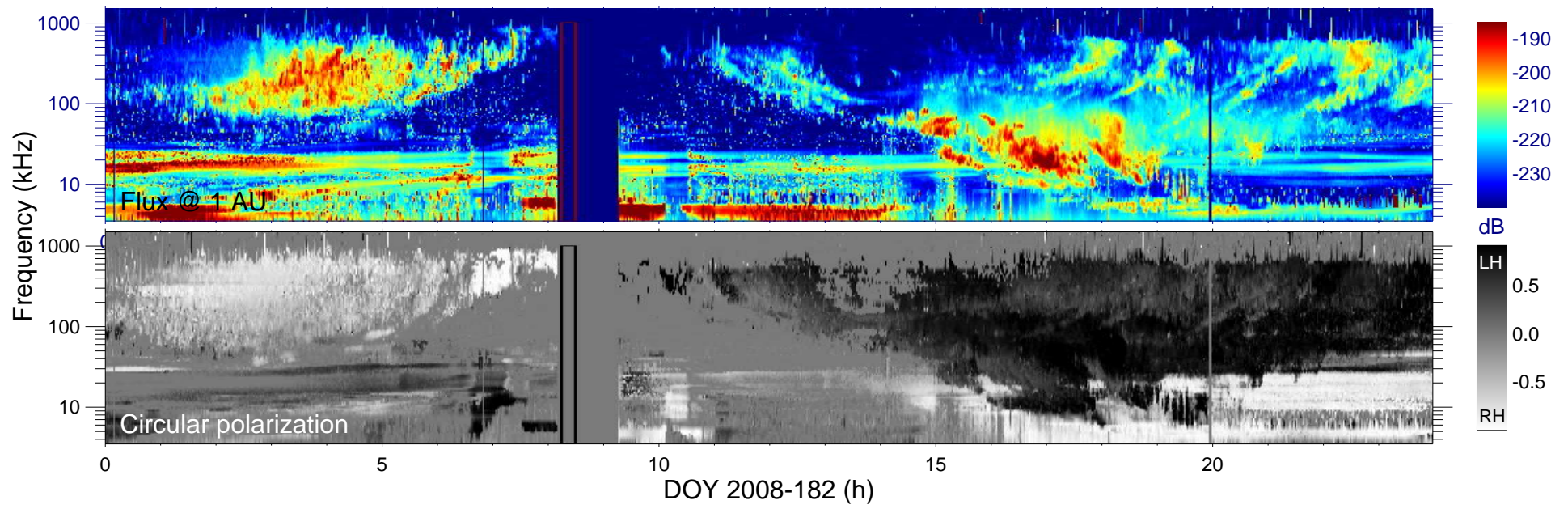
$r_{S/C} (R_s) = 2.80$

$\lambda_{S/C} (^\circ) = 14.17$

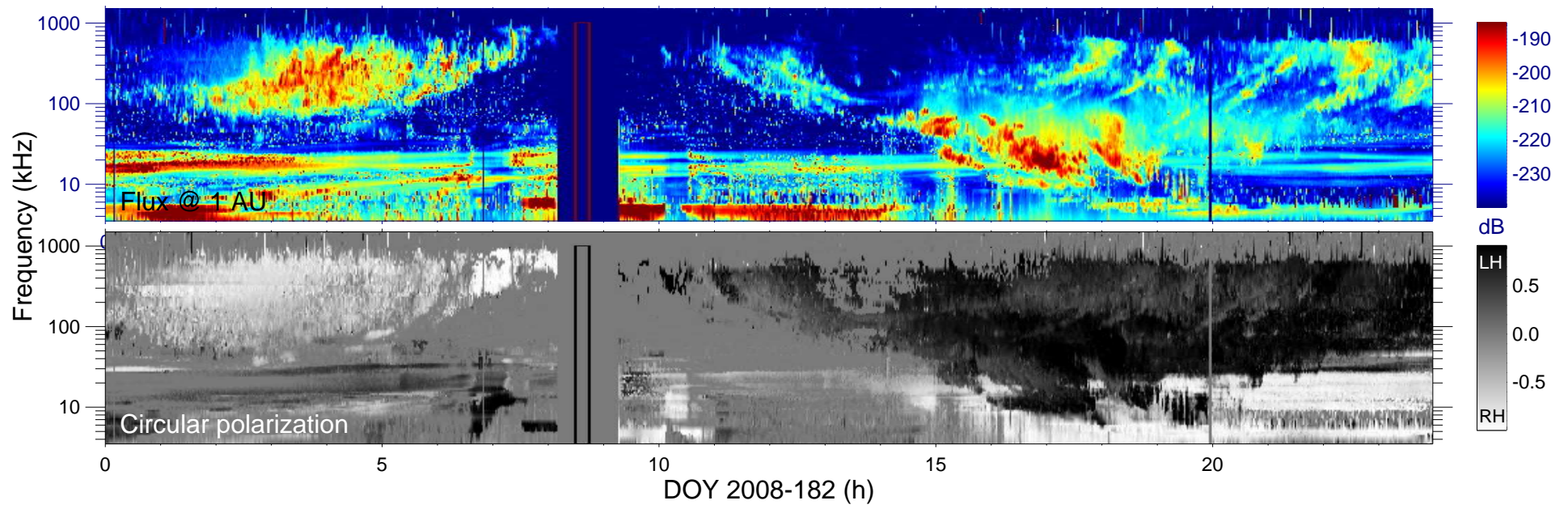
$TL_{S/C} = 22:34$

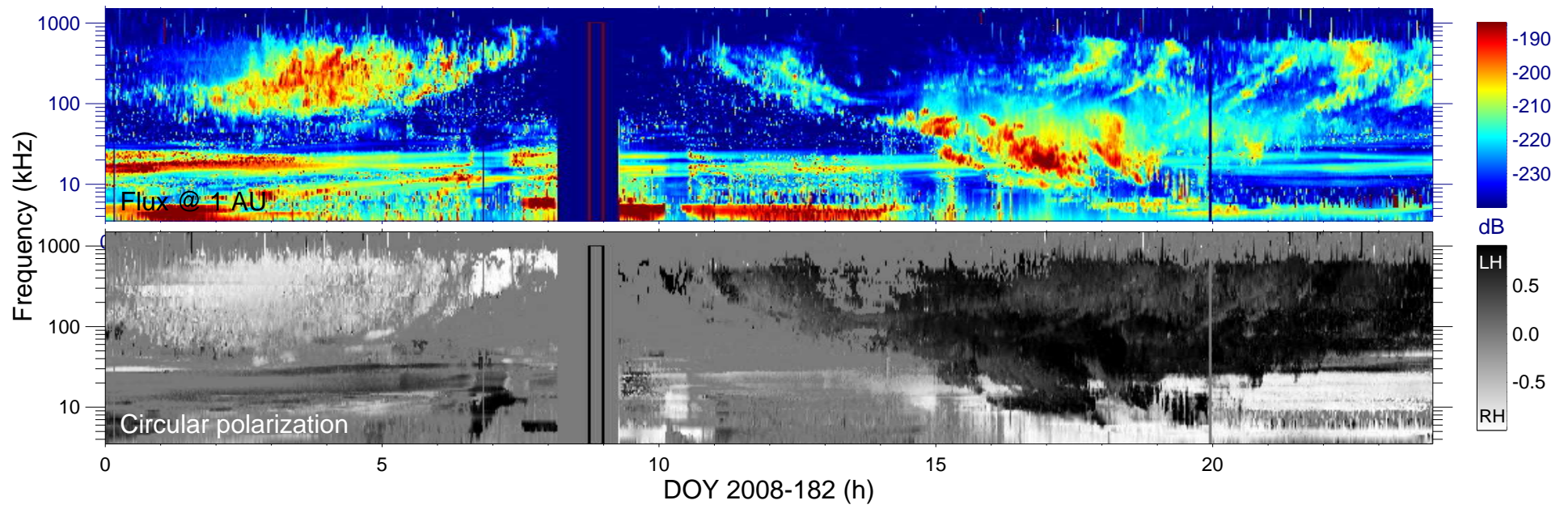
Magnetic polar projection



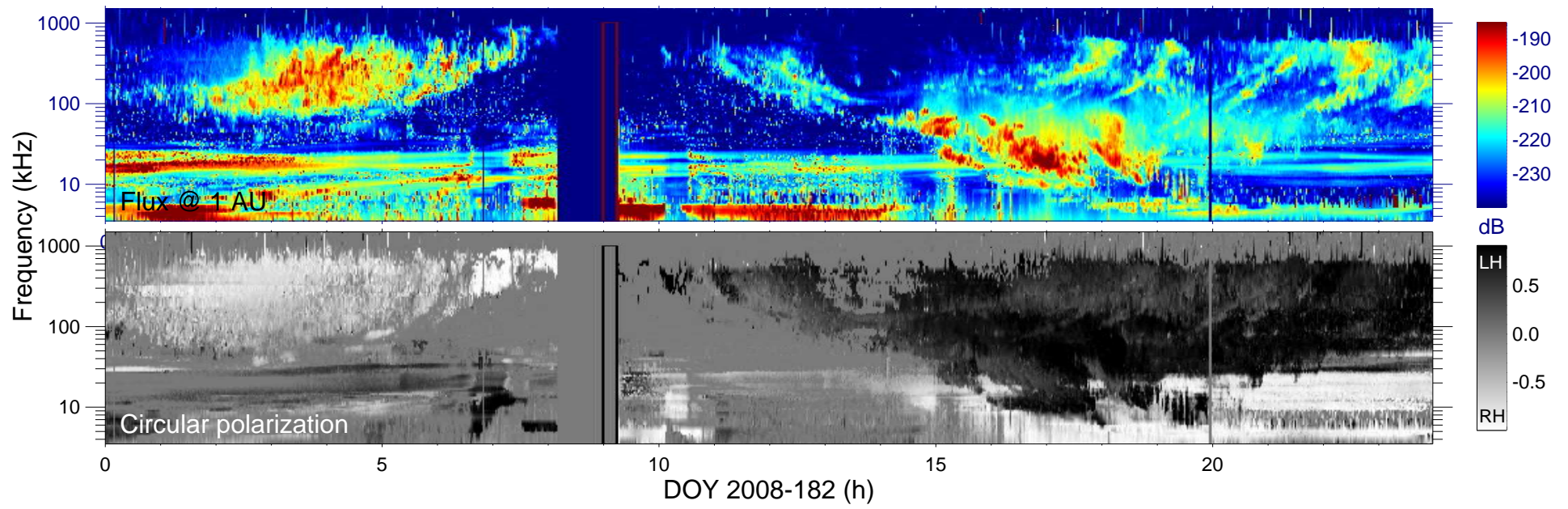


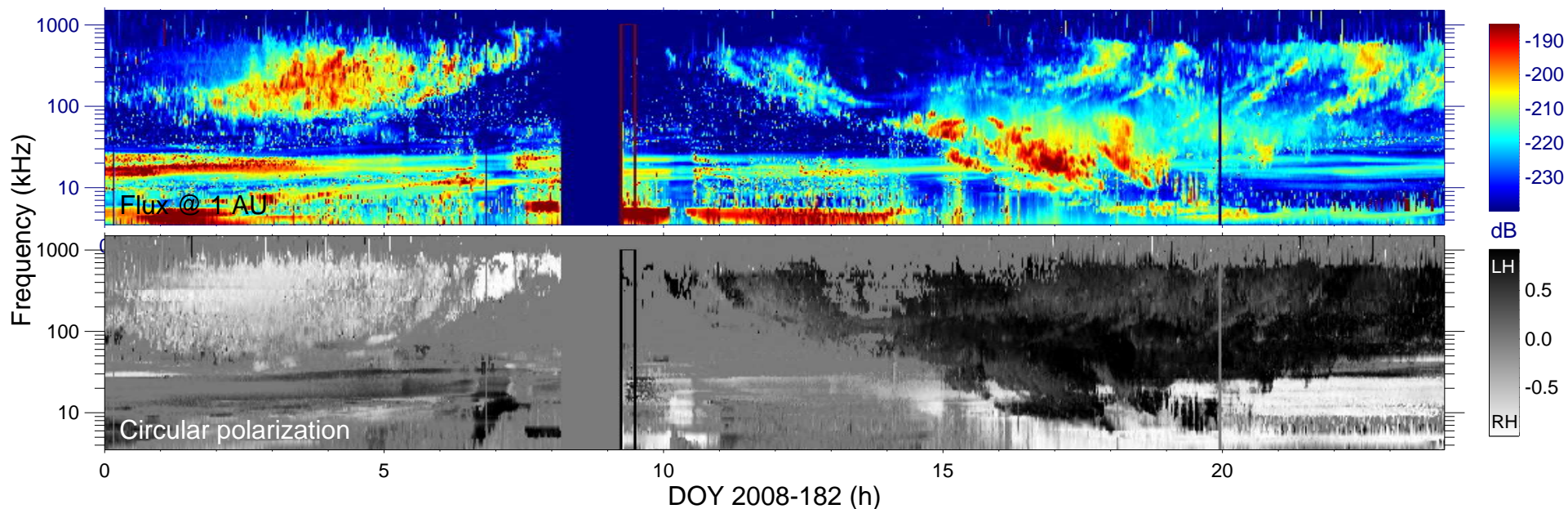




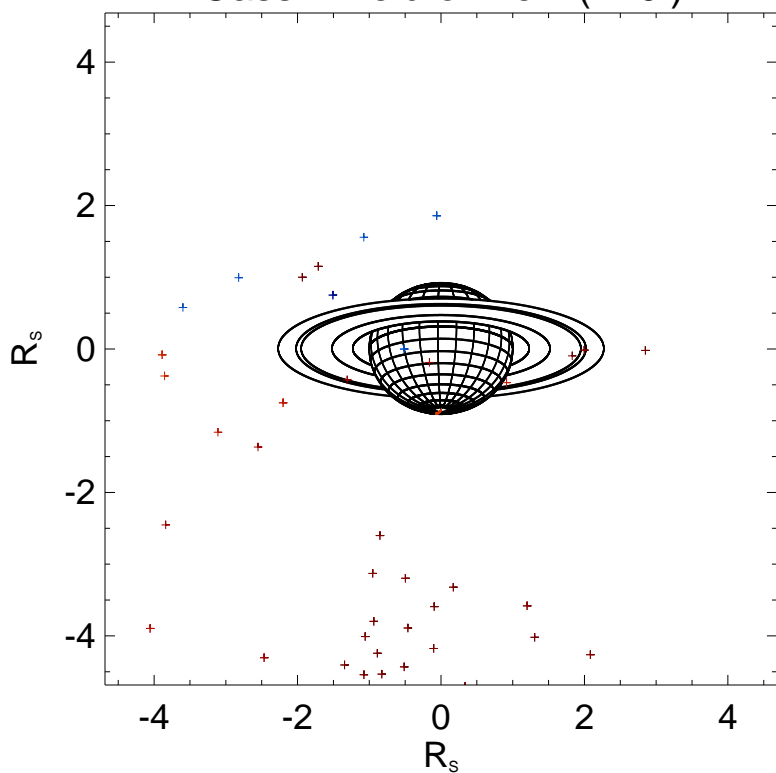








Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

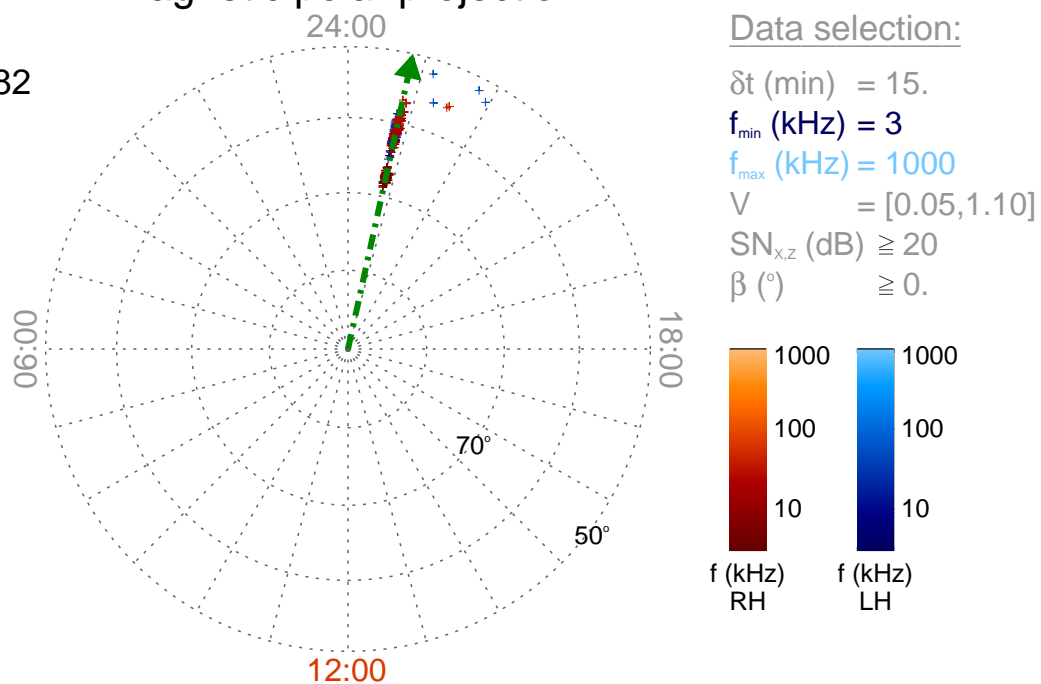
Time : 09:15

$r_{S/C}$  ( $R_s$ ) = 2.70

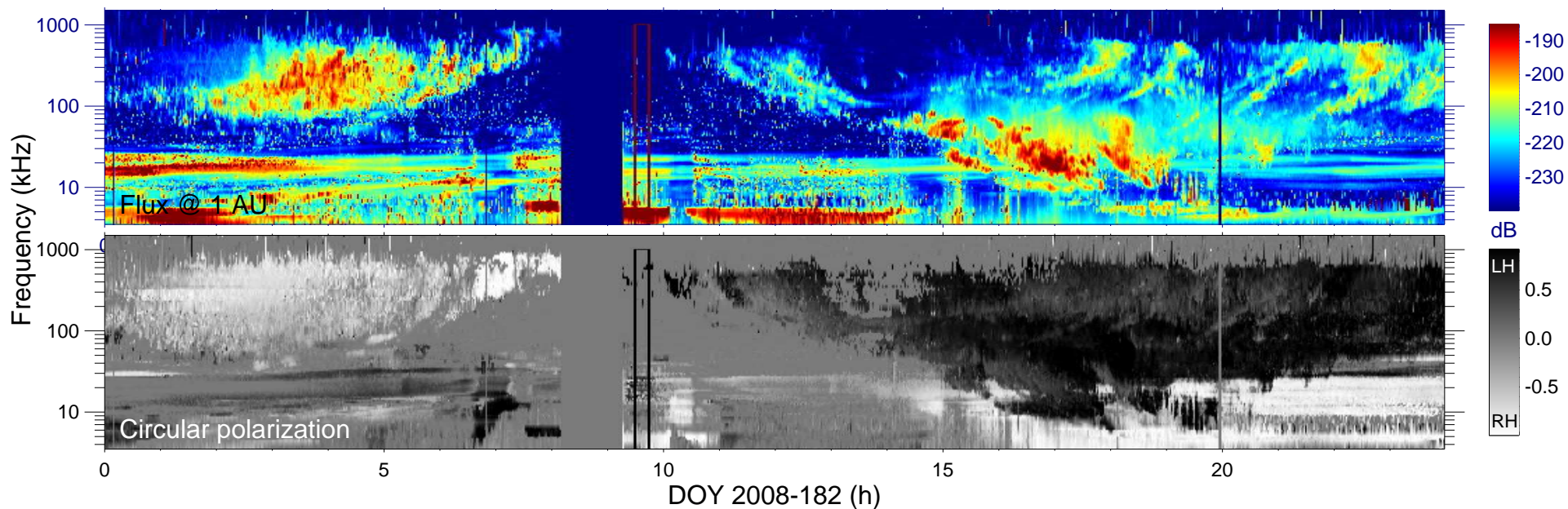
$\lambda_{S/C}$  ( $^\circ$ ) = -18.1

$TL_{S/C}$  = 23:10

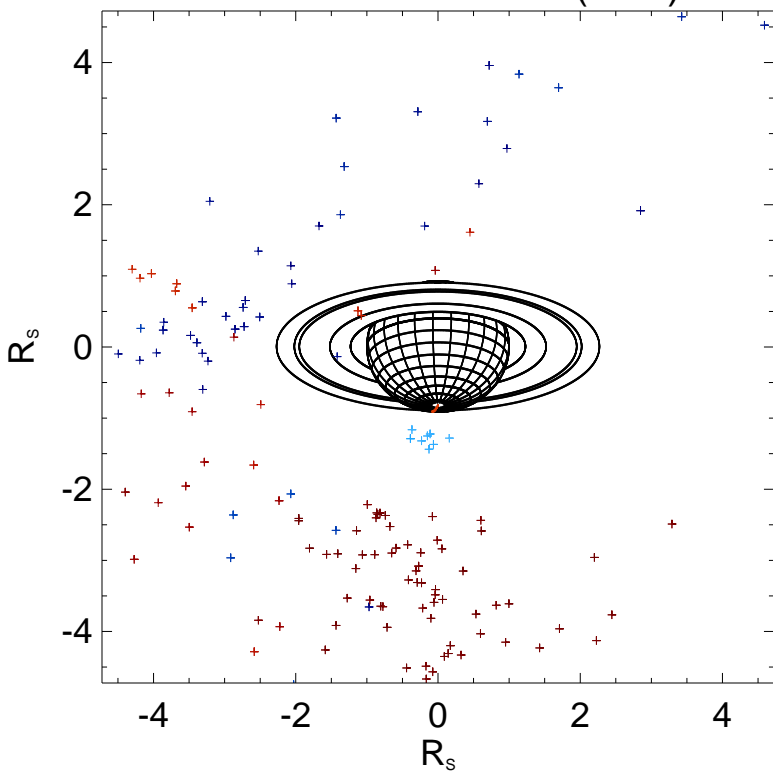
Magnetic polar projection







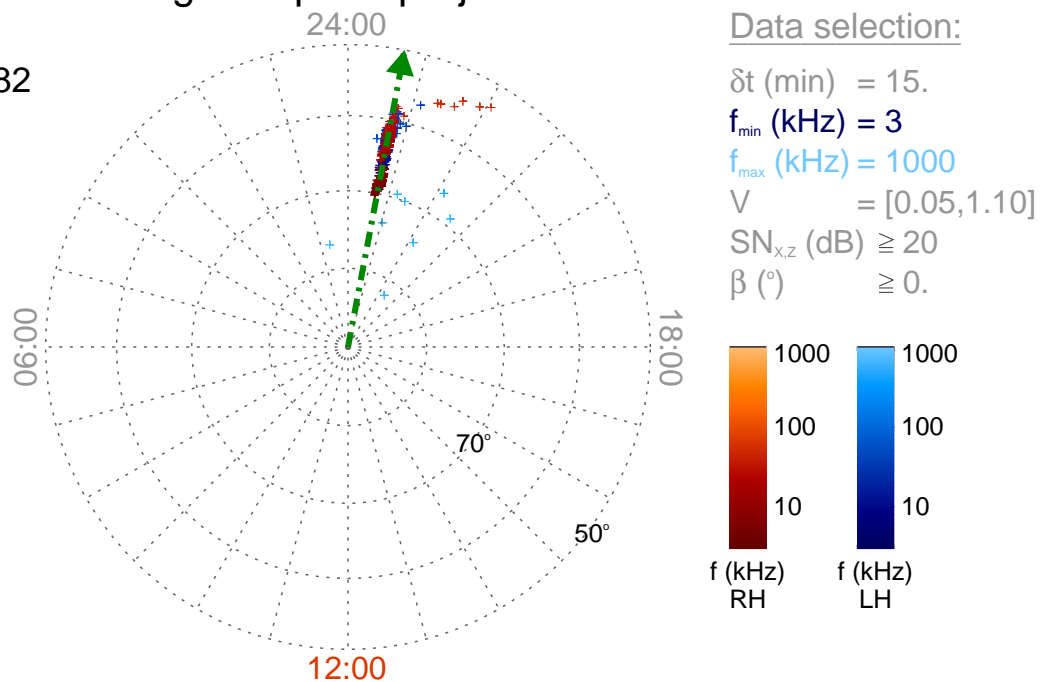
Cassini field of view ( $120^\circ$ )

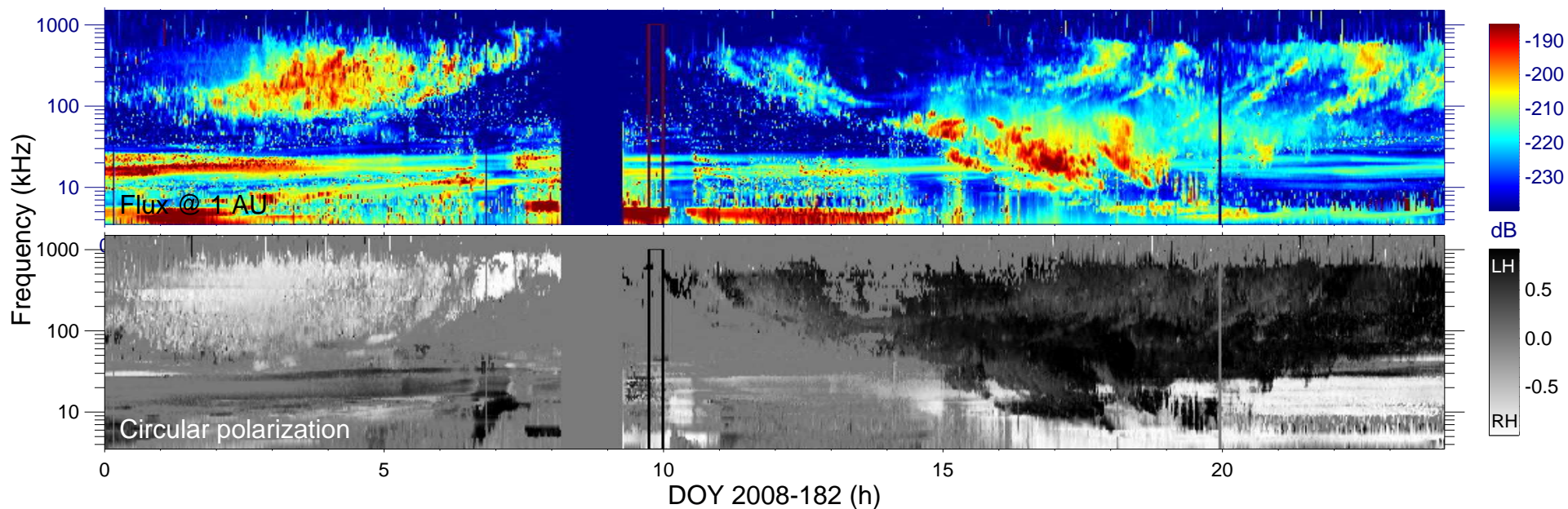


Ephemeris:

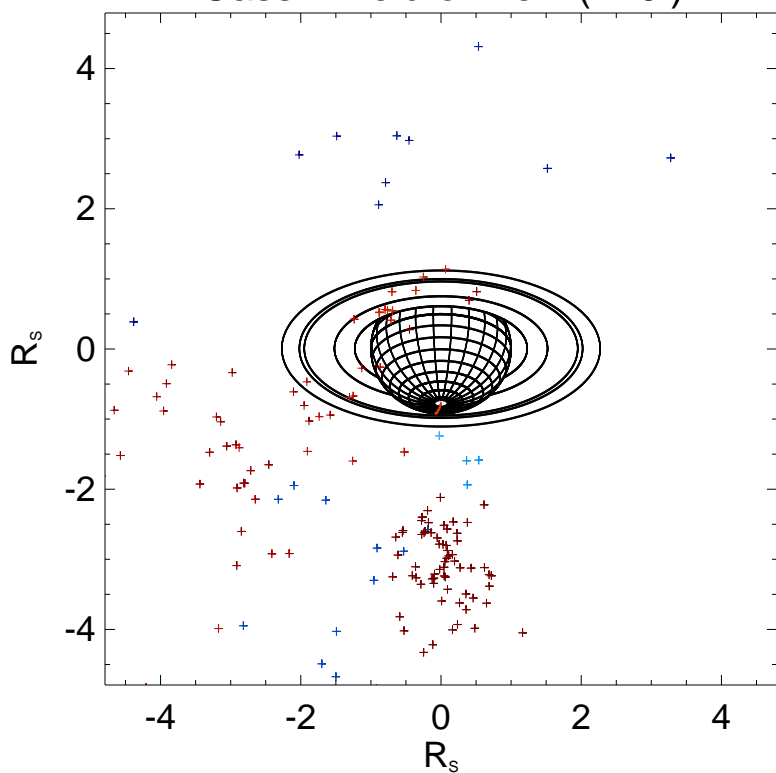
Day : 2008-182  
 Time : 09:30  
 $r_{S/C} (R_s) = 2.72$   
 $\lambda_{S/C} (^\circ) = -23.3$   
 $TL_{S/C} = 23:16$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

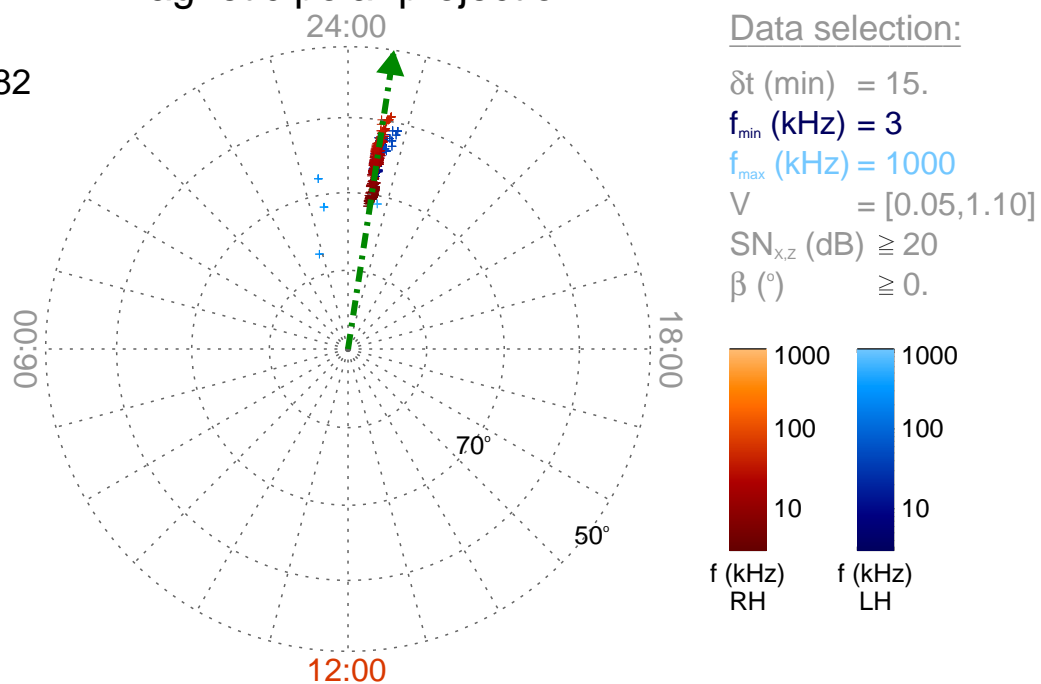
Time : 09:45

$r_{S/C}$  ( $R_s$ ) = 2.76

$\lambda_{S/C}$  ( $^\circ$ ) = -29.2

$TL_{S/C}$  = 23:25

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

$f_{min}$  (kHz) = 3

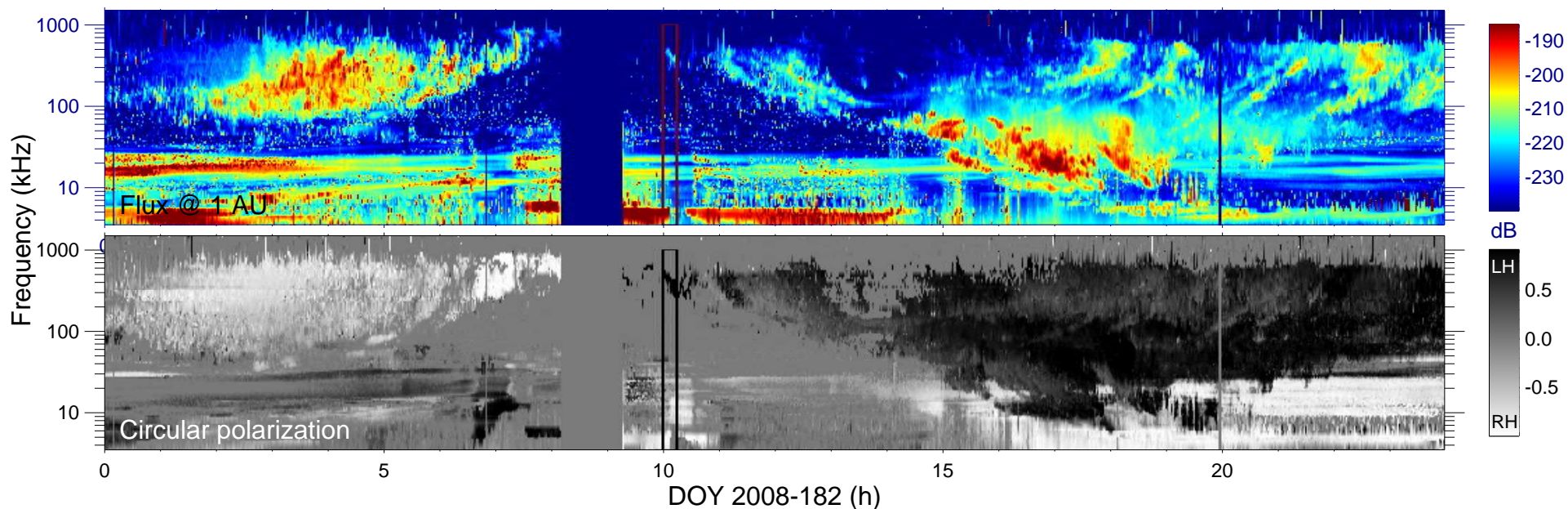
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

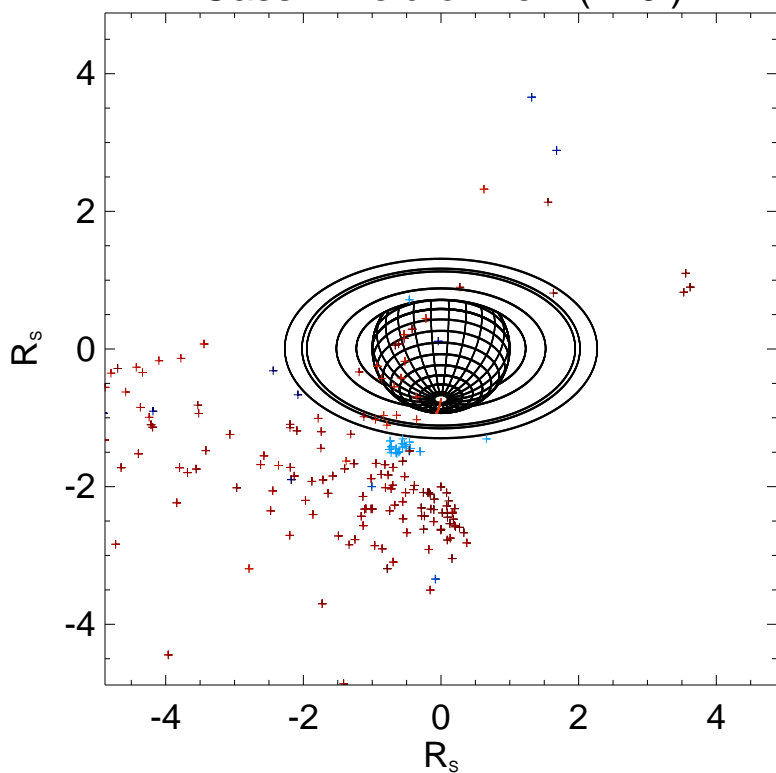
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

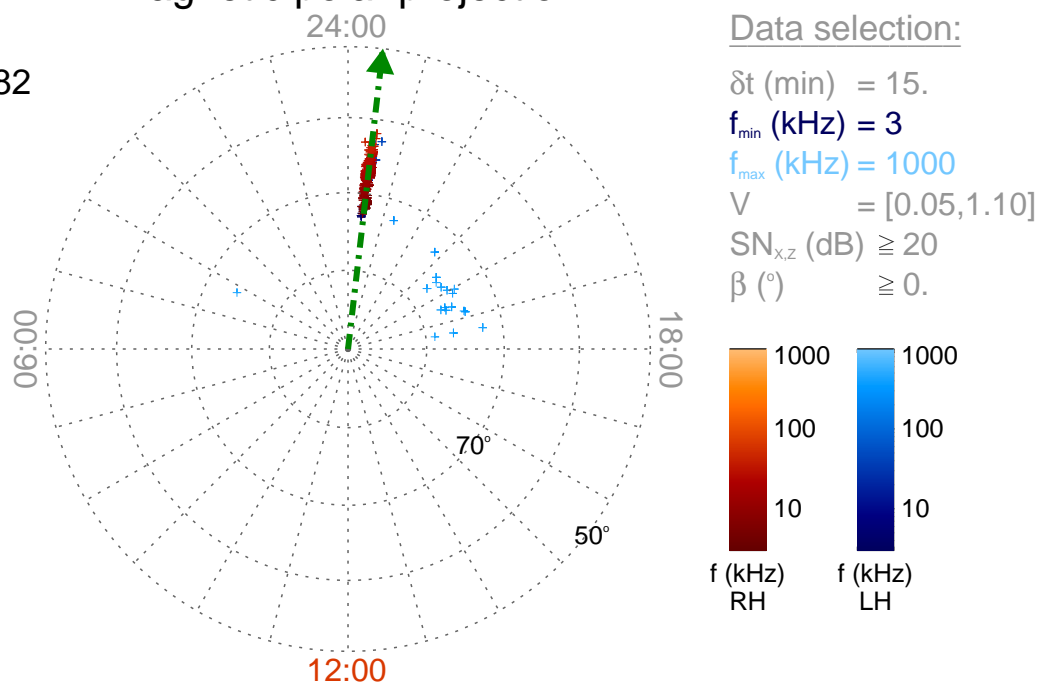
Time : 10:00

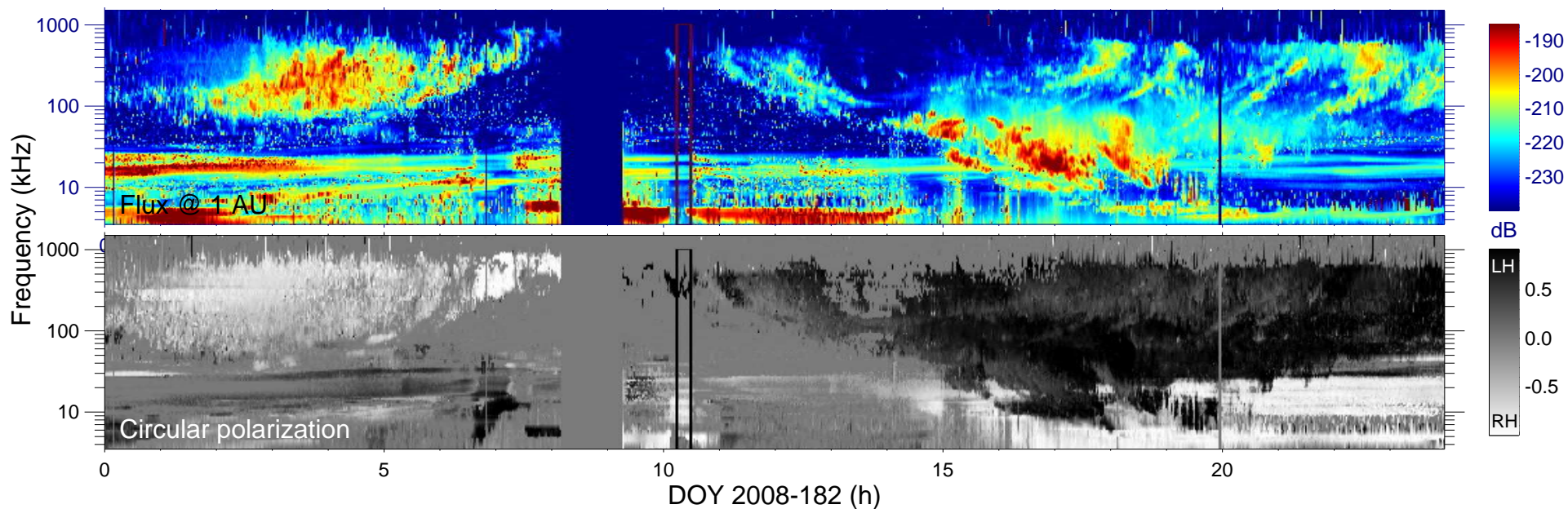
$r_{s/c} (R_s) = 2.81$

$\lambda_{s/c} (^\circ) = -34.7$

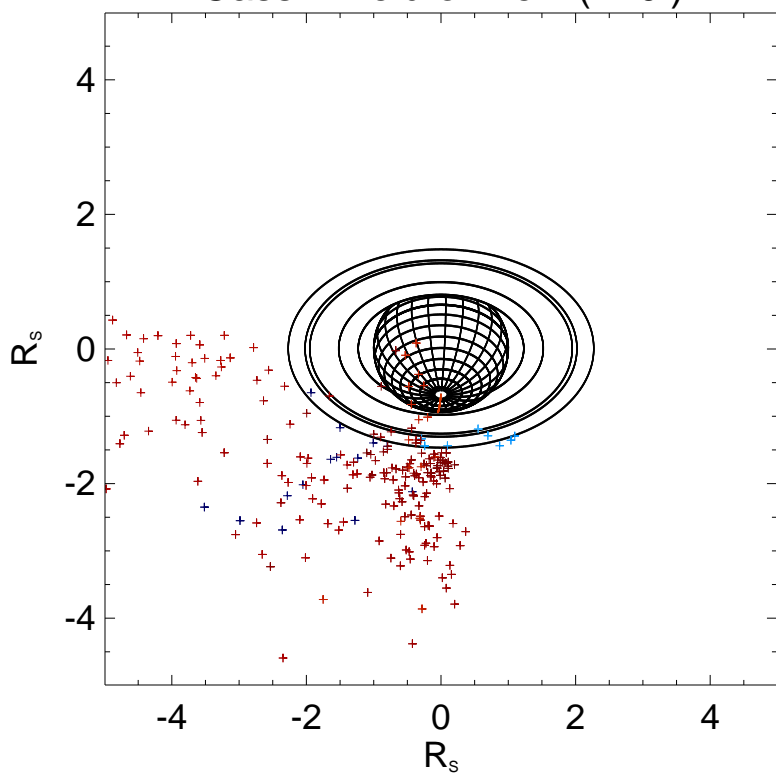
$TL_{s/c} = 23:33$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

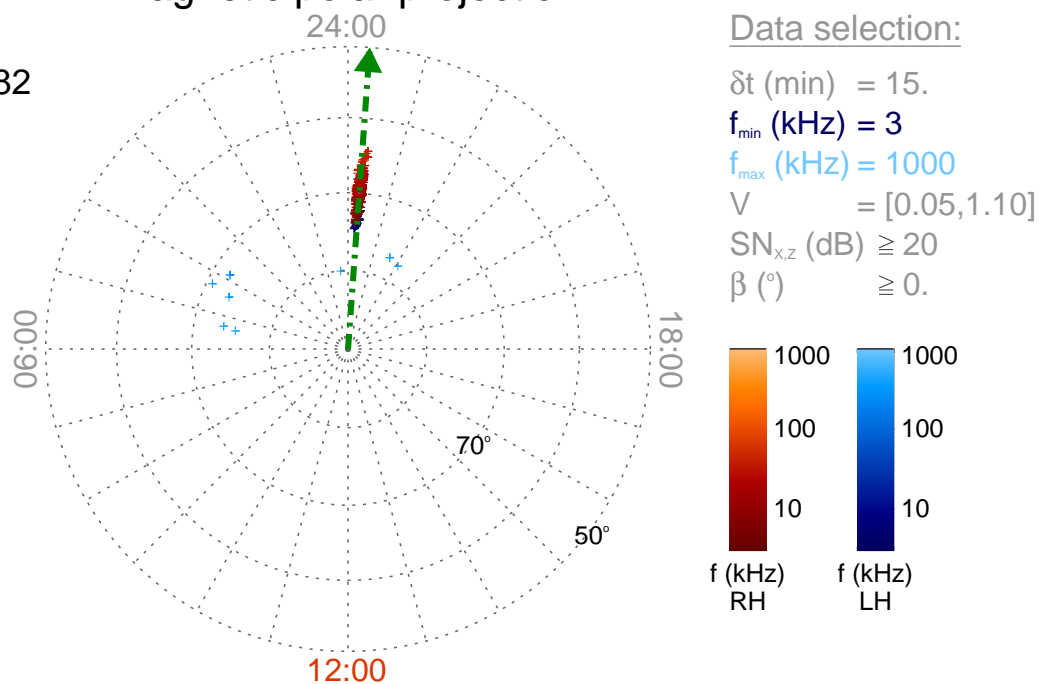
Time : 10:15

$r_{S/C}$  ( $R_s$ ) = 2.88

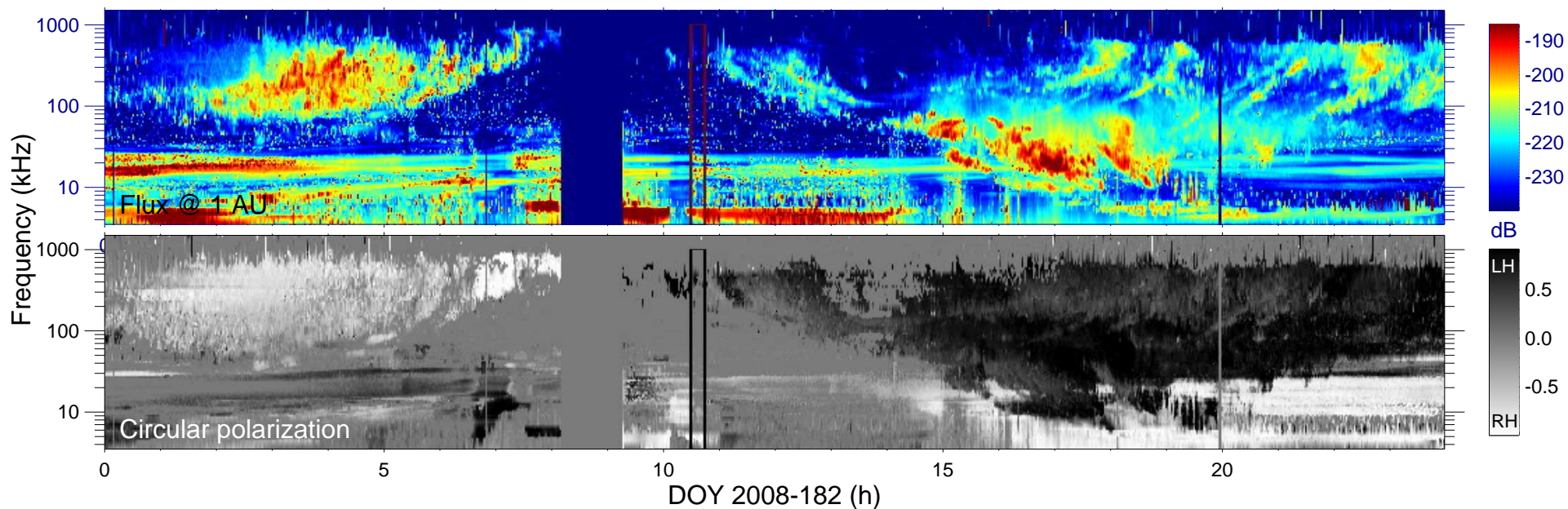
$\lambda_{S/C}$  ( $^\circ$ ) = -40.3

$TL_{S/C}$  = 23:43

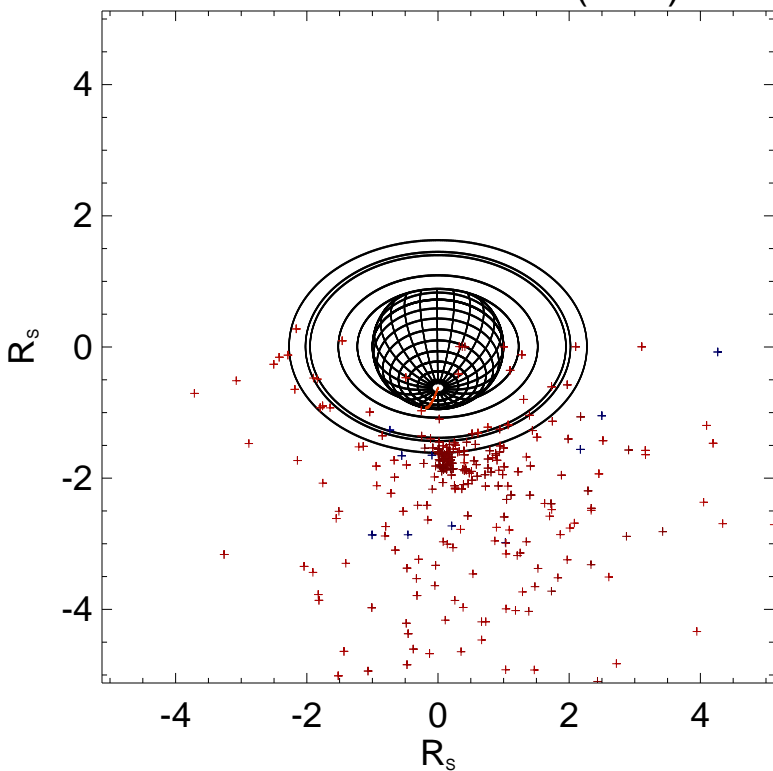
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

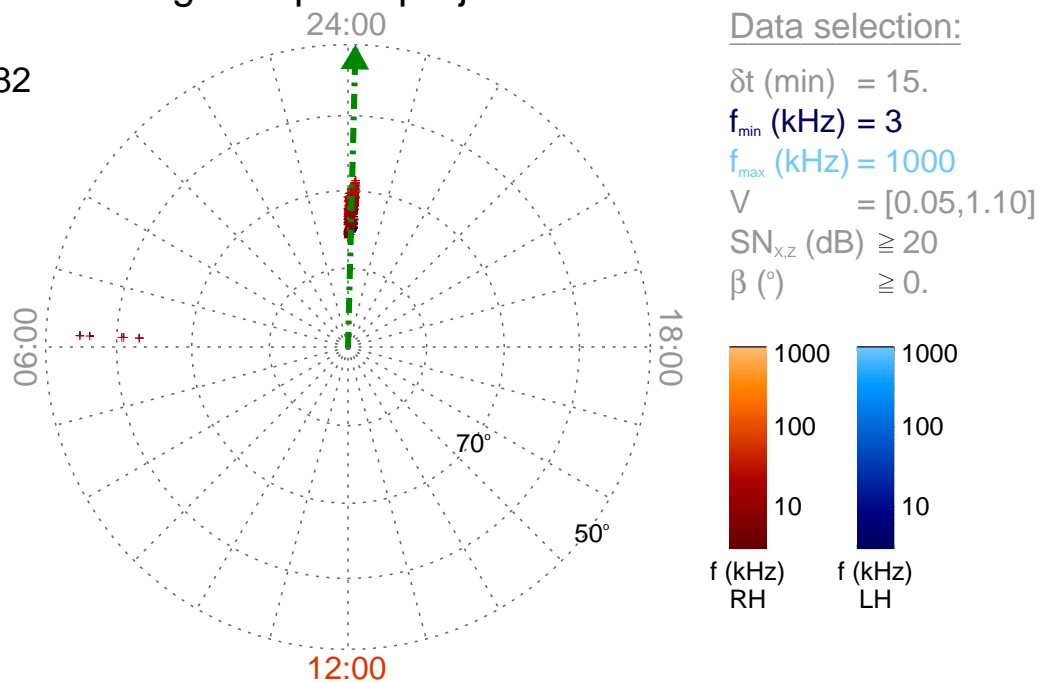
Time : 10:30

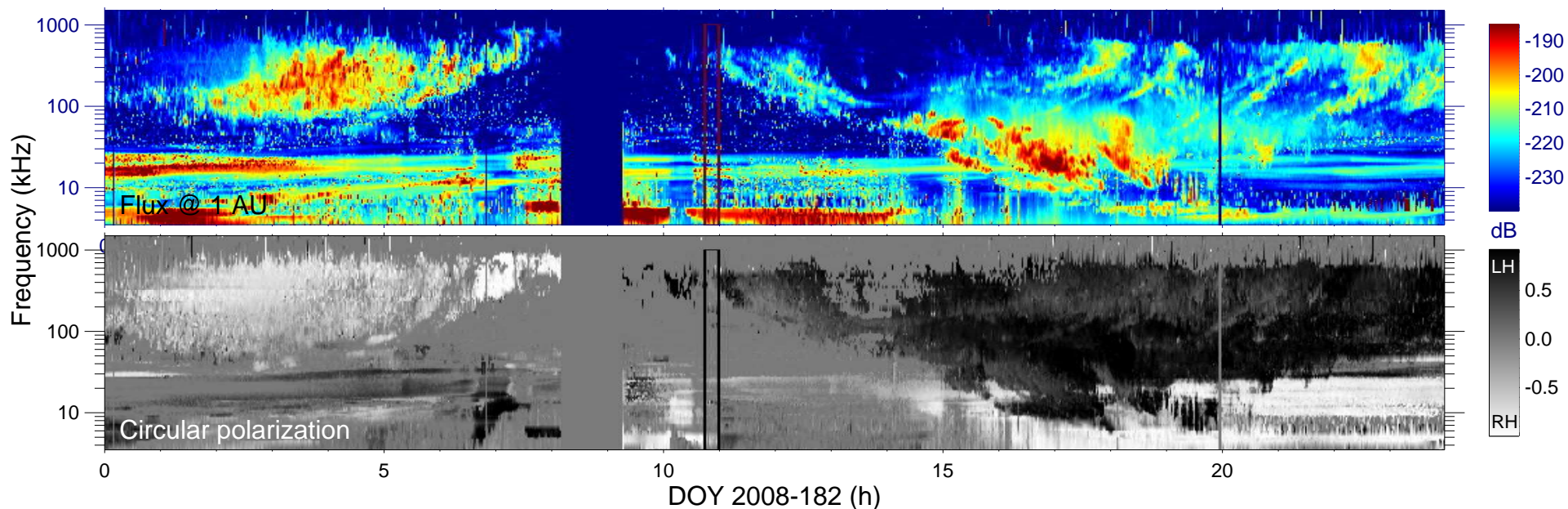
$r_{S/C} (R_s) = 2.95$

$\lambda_{S/C} (^\circ) = -45.4$

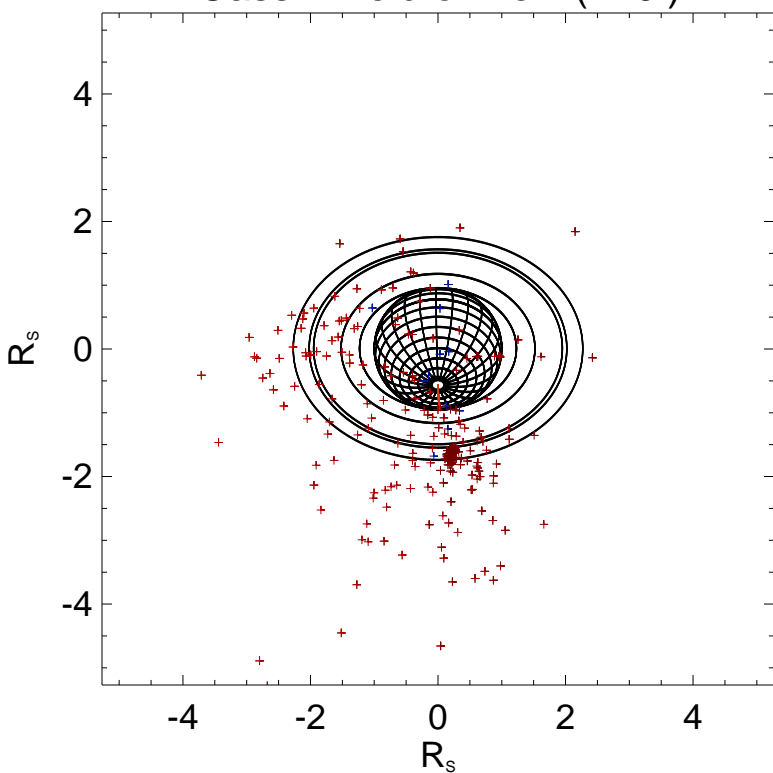
$TL_{S/C} = 23:54$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

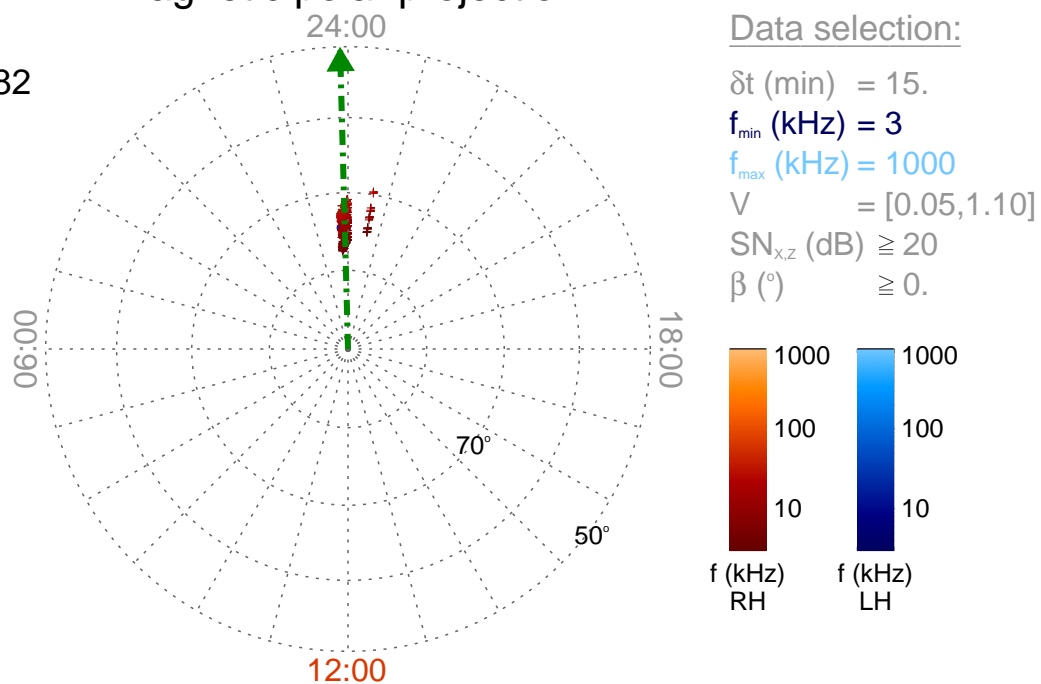
Time : 10:45

$r_{s/c}$  ( $R_s$ ) = 3.03

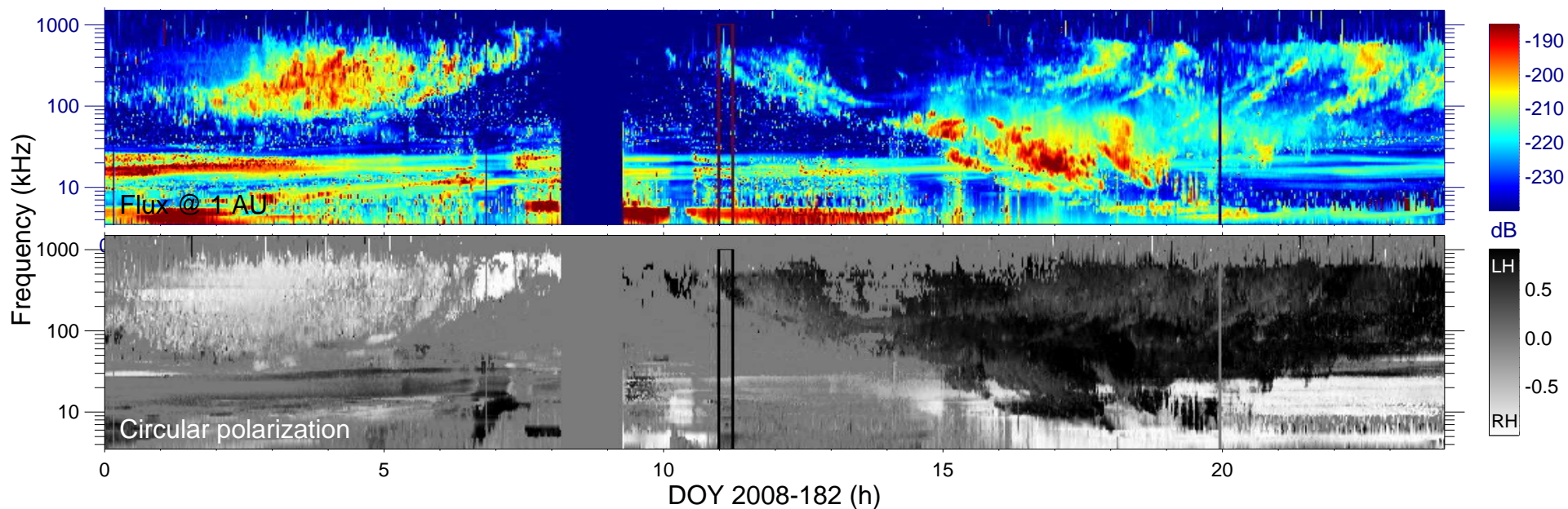
$\lambda_{s/c}$  ( $^\circ$ ) = -50.1

$TL_{s/c}$  = 00:06

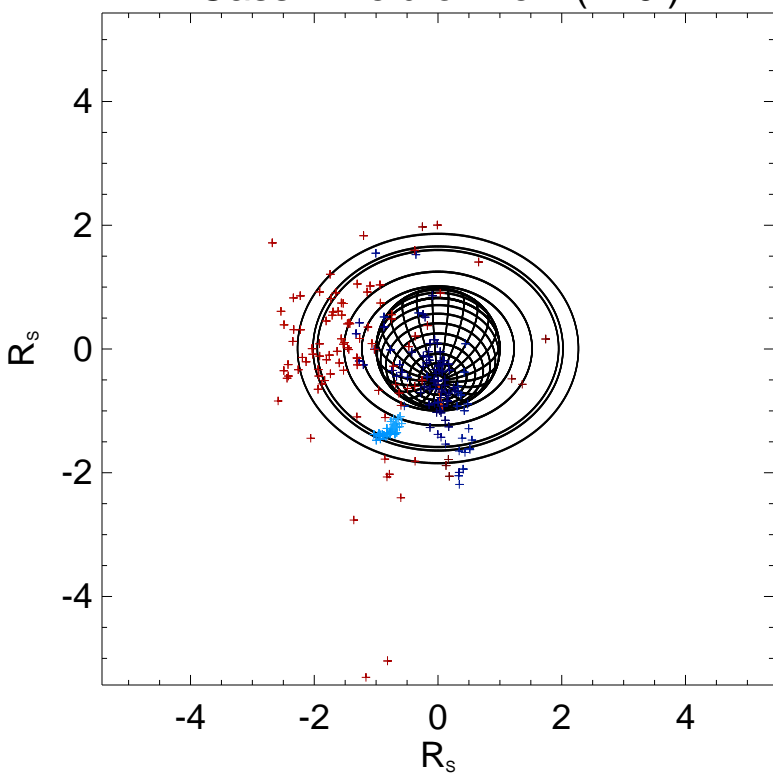
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

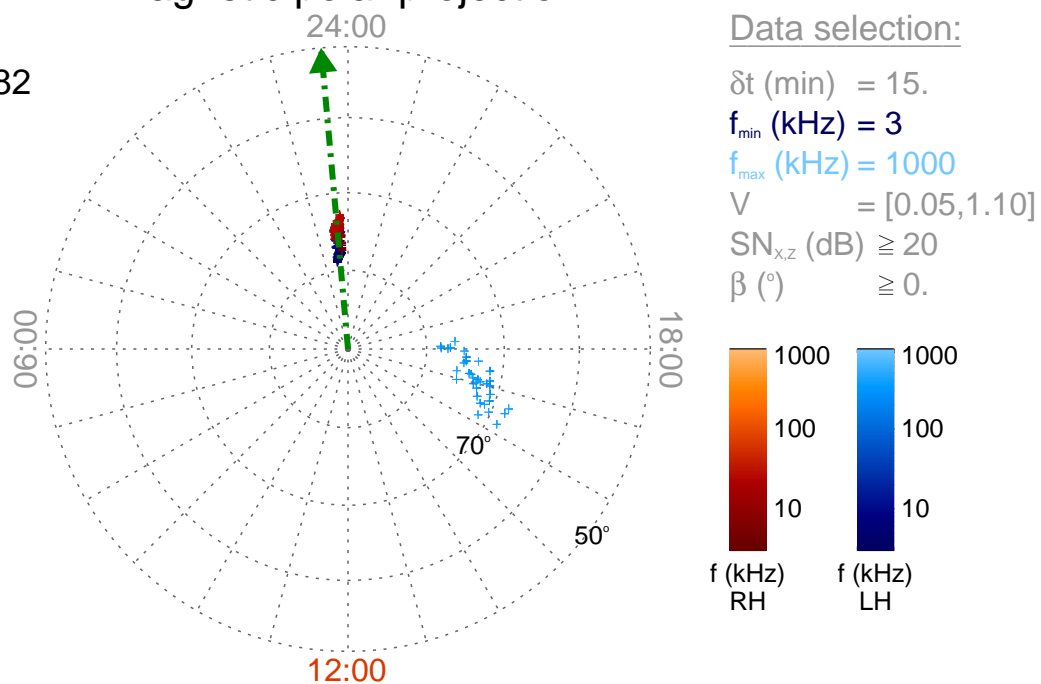
Time : 11:00

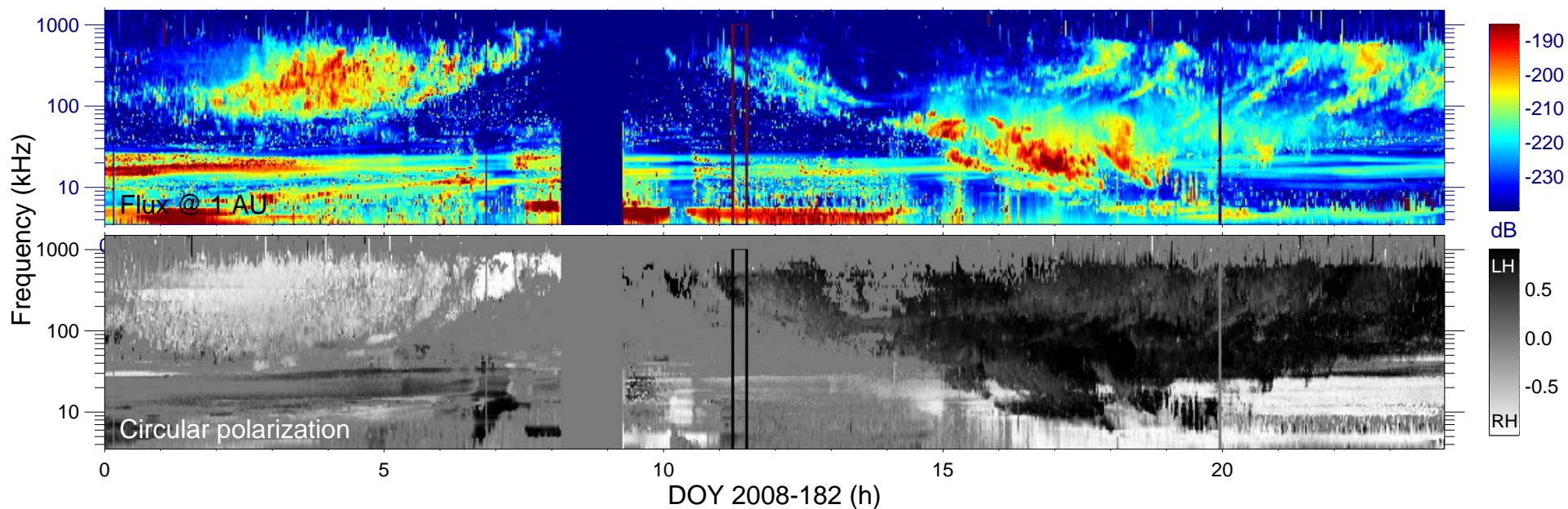
$r_{s/c}$  ( $R_s$ ) = 3.13

$\lambda_{s/c}$  ( $^\circ$ ) = -54.6

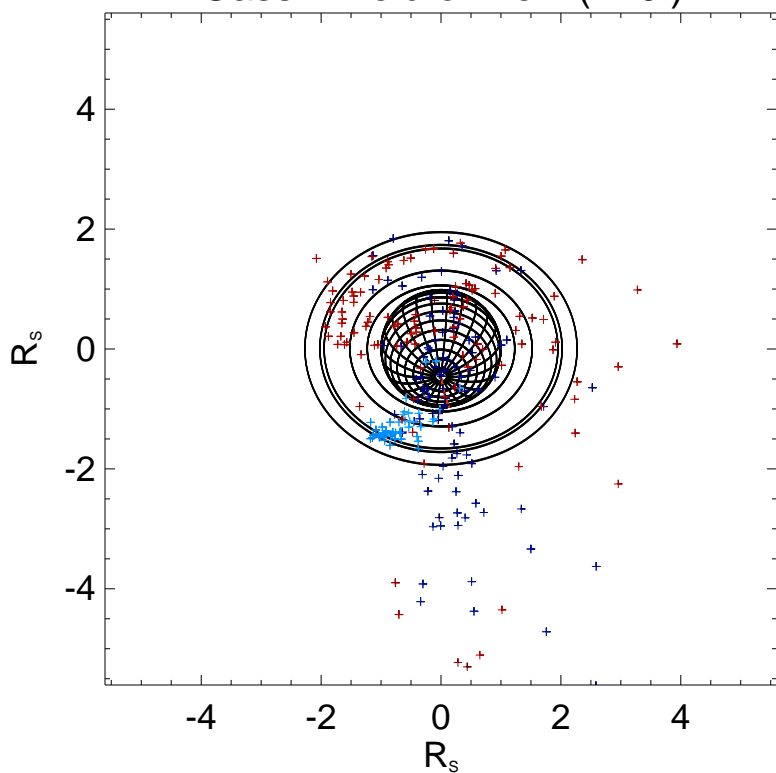
$TL_{s/c}$  = 00:20

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

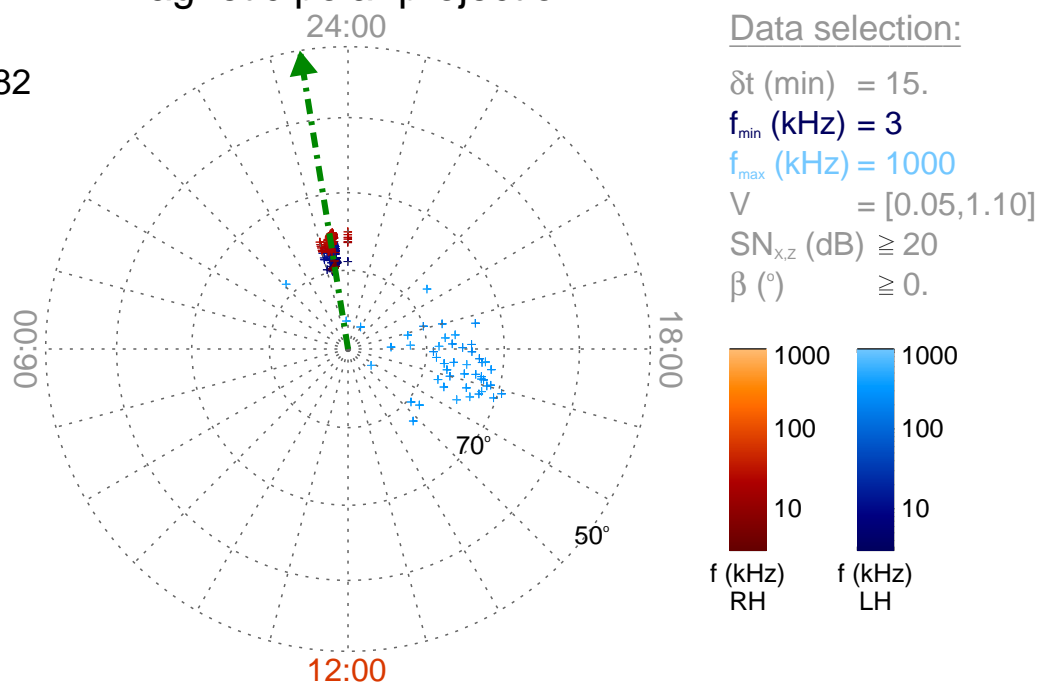
Time : 11:15

$r_{S/C} (R_s) = 3.23$

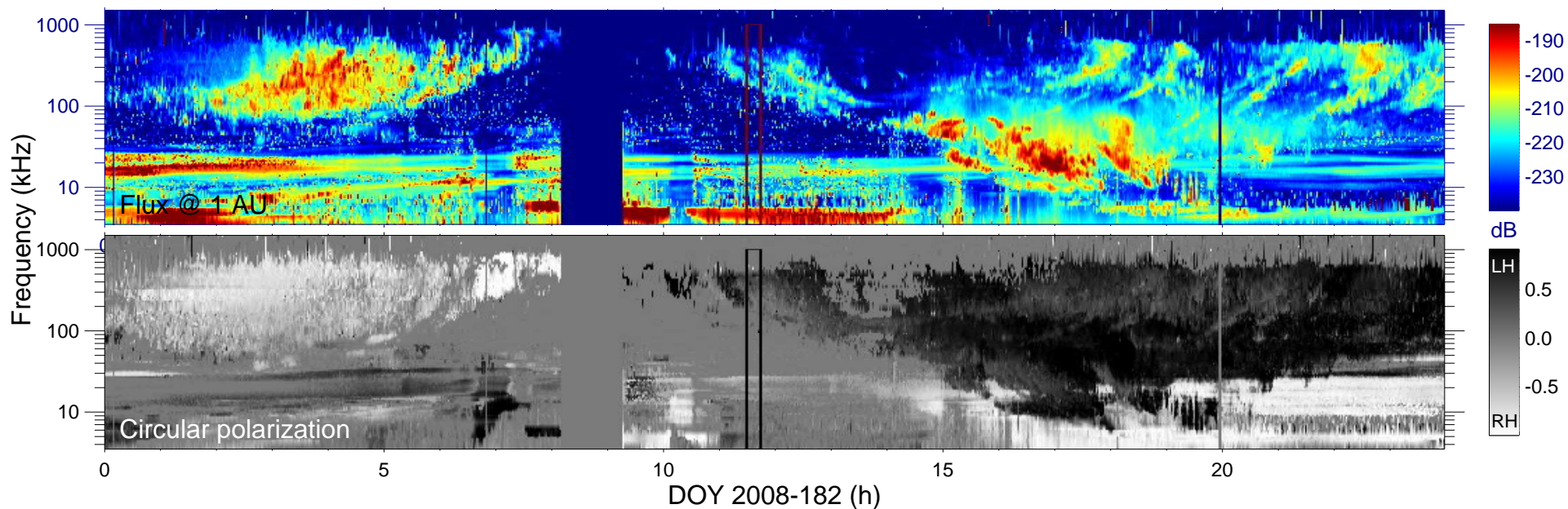
$\lambda_{S/C} (^\circ) = -58.7$

$TL_{S/C} = 00:36$

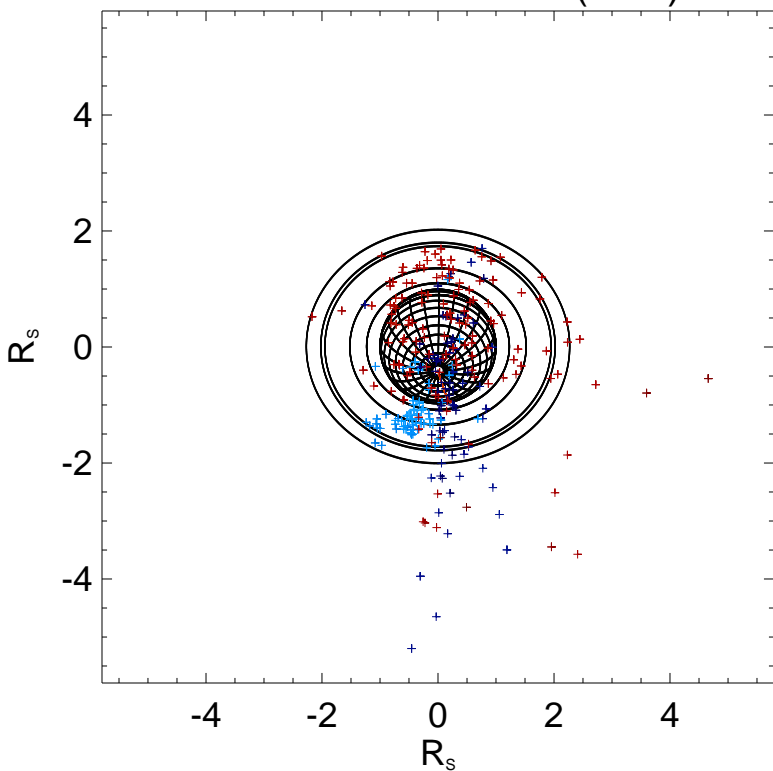
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

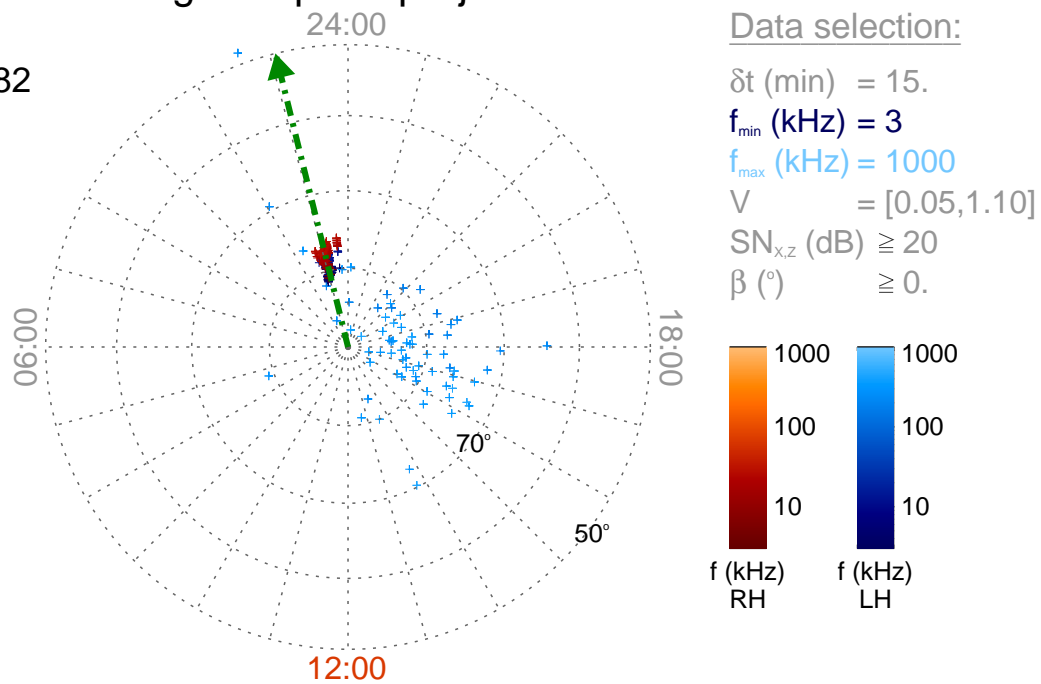
Time : 11:30

$r_{S/C}$  ( $R_s$ ) = 3.34

$\lambda_{S/C}$  ( $^\circ$ ) = -62.3

$TL_{S/C}$  = 00:55

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

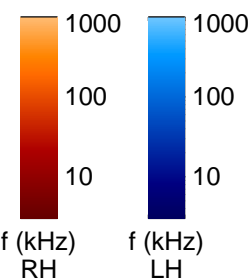
$f_{min}$  (kHz) = 3

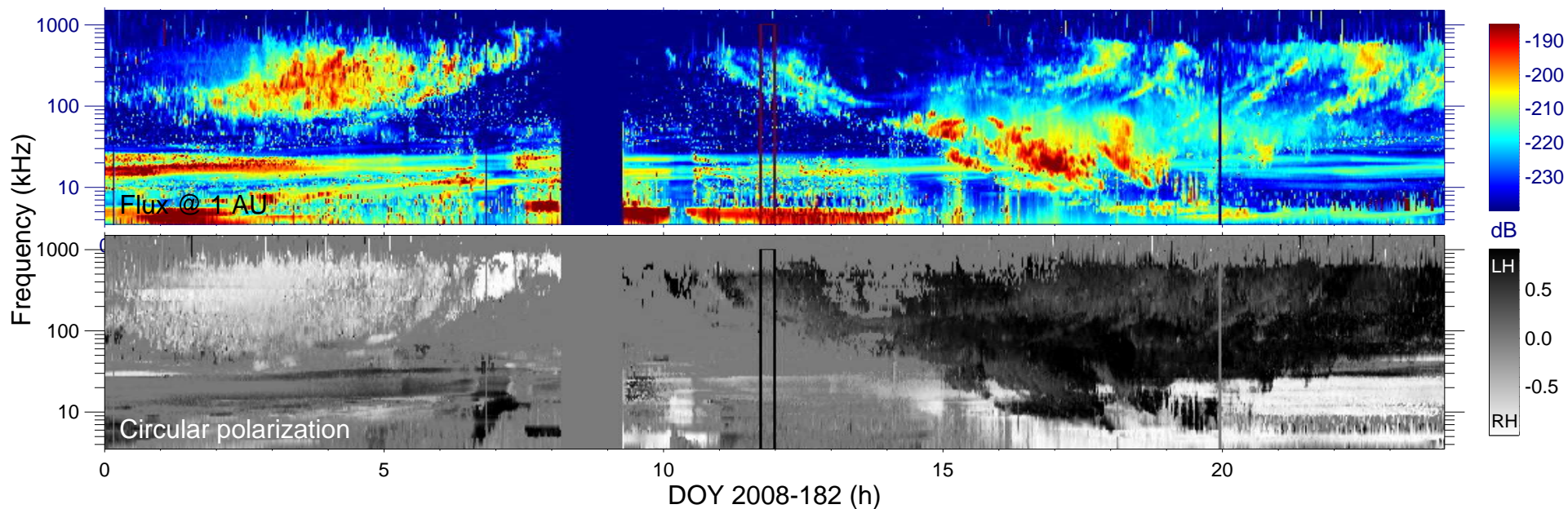
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

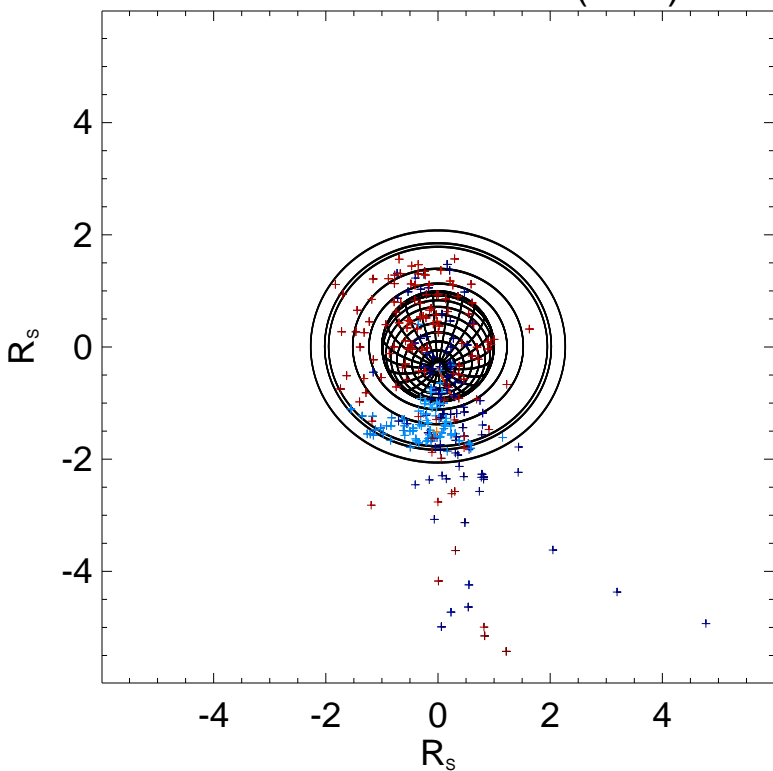
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

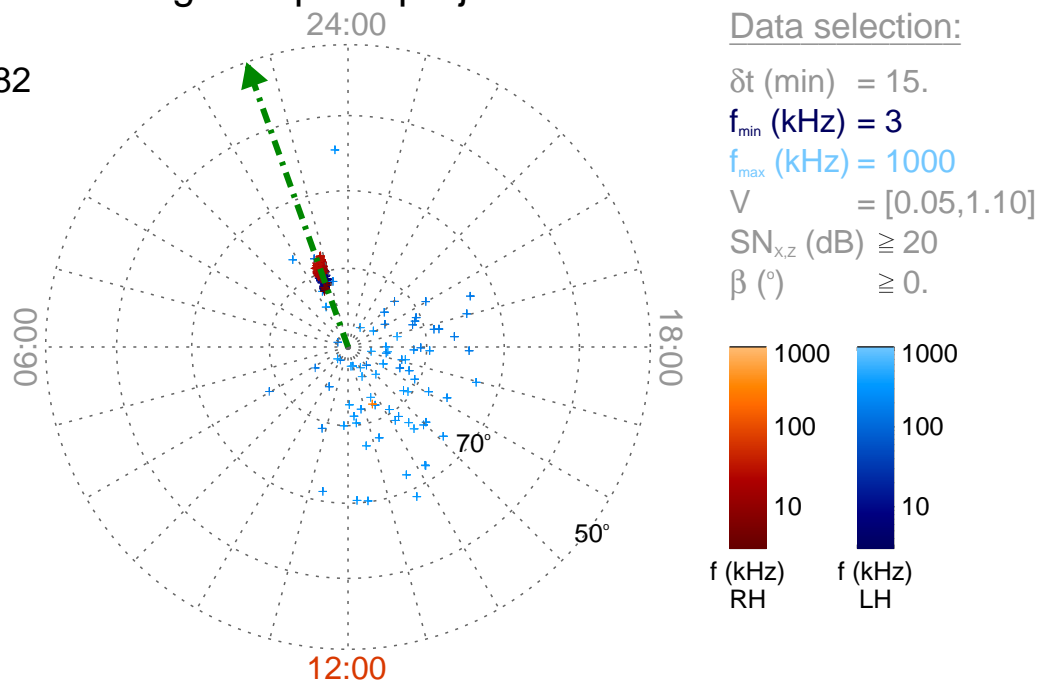
Time : 11:45

$r_{S/C}$  ( $R_s$ ) = 3.45

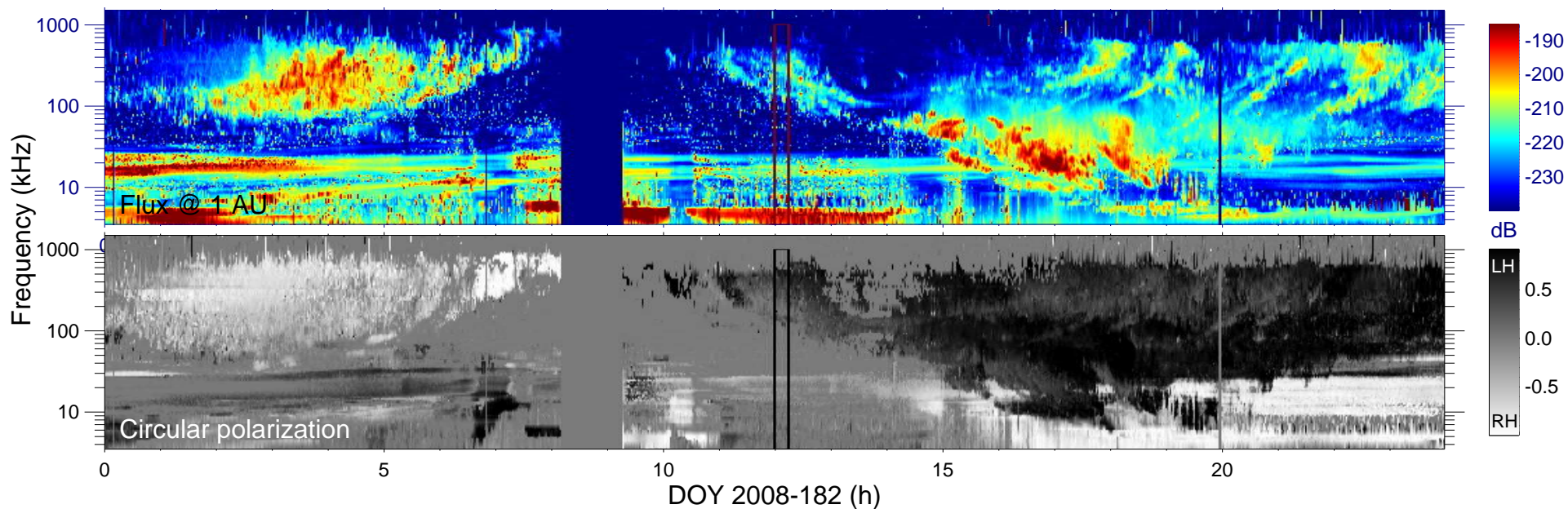
$\lambda_{S/C}$  ( $^\circ$ ) = -65.7

$TL_{S/C}$  = 01:18

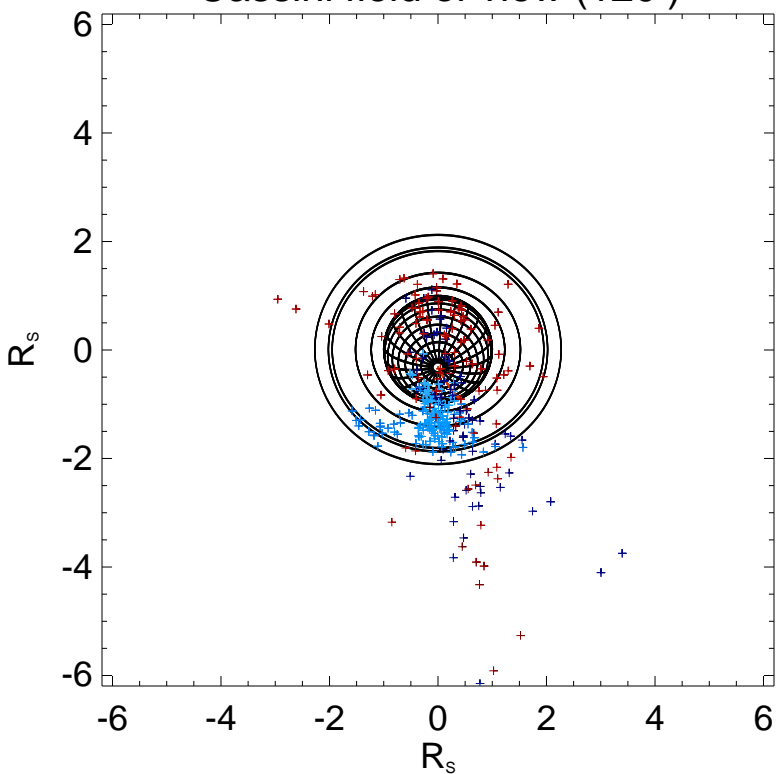
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

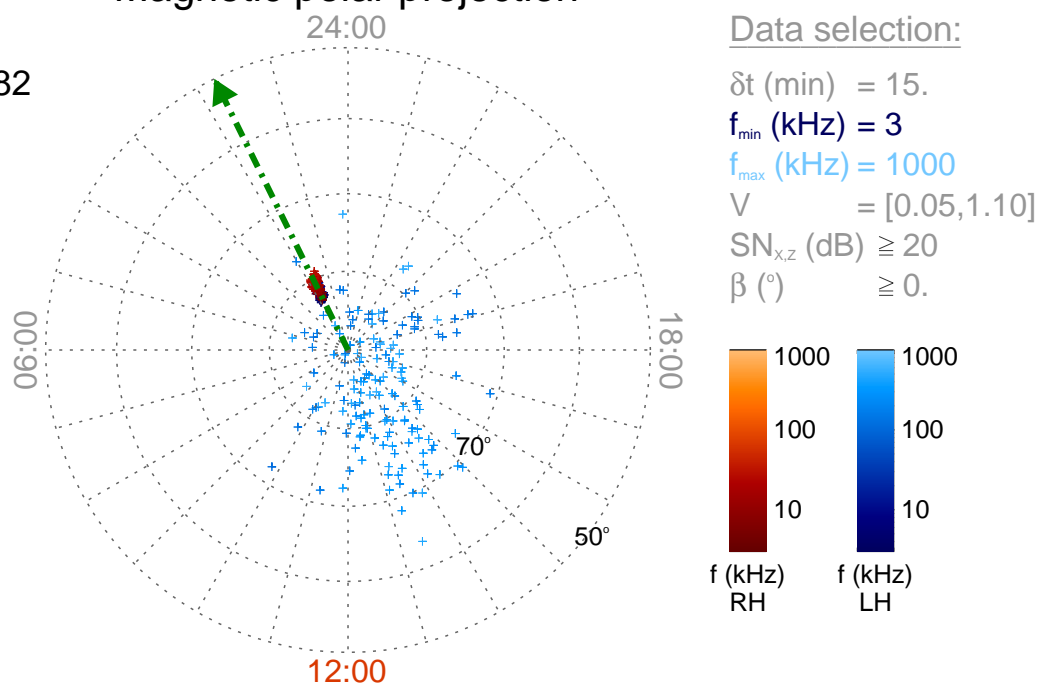
Time : 12:00

$r_{S/C}$  ( $R_s$ ) = 3.57

$\lambda_{S/C}$  ( $^\circ$ ) = -68.4

$TL_{S/C}$  = 01:44

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

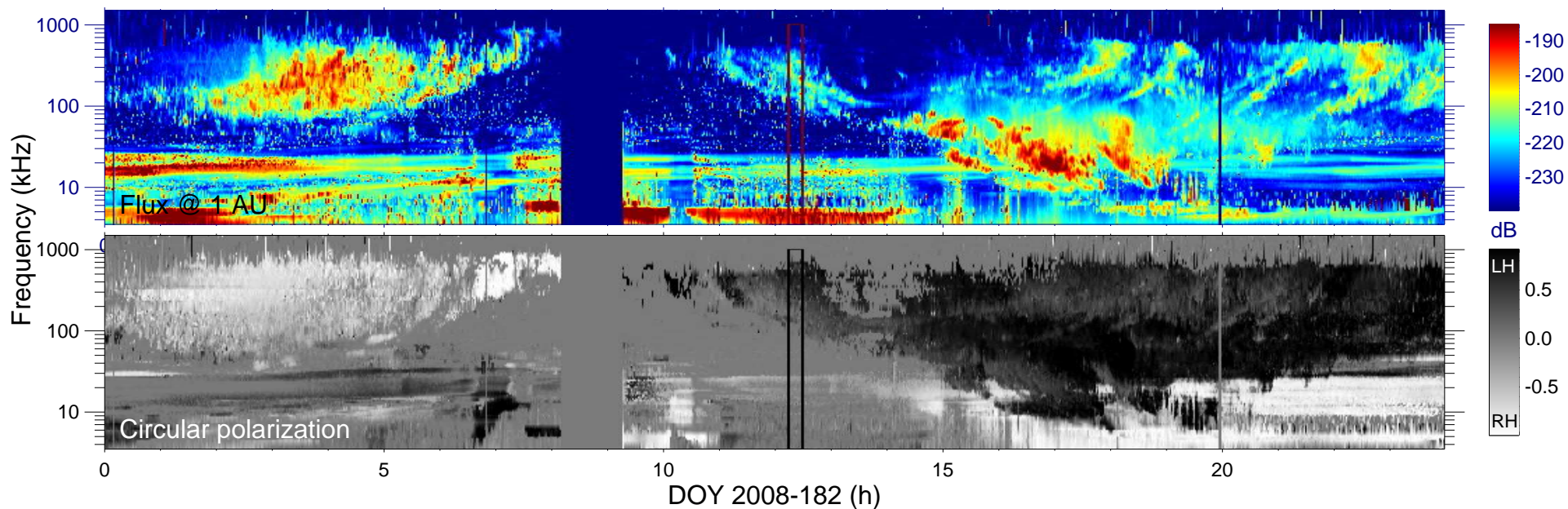
$f_{min}$  (kHz) = 3

$f_{max}$  (kHz) = 1000

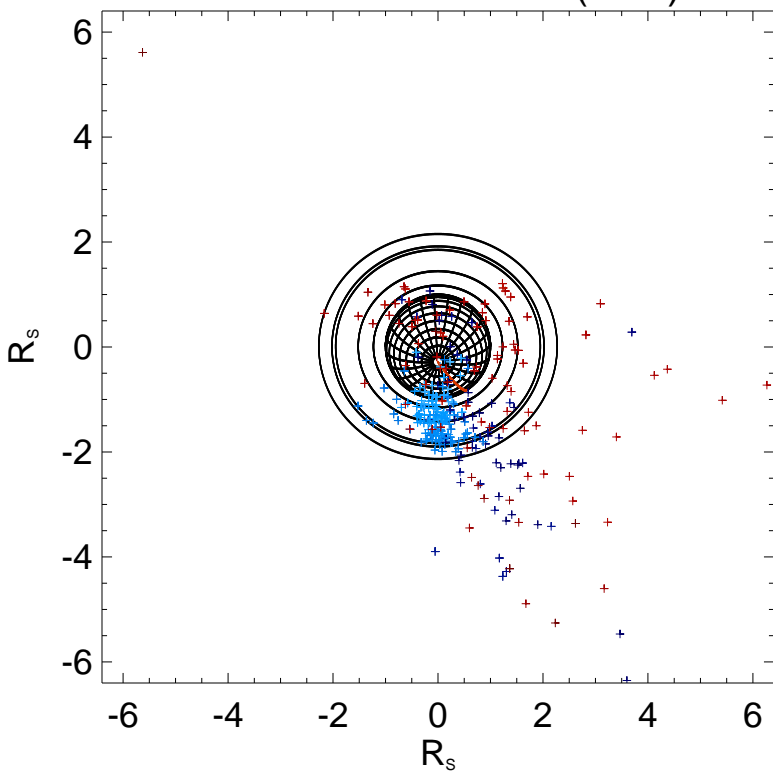
$V$  = [0.05, 1.10]

$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .



Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

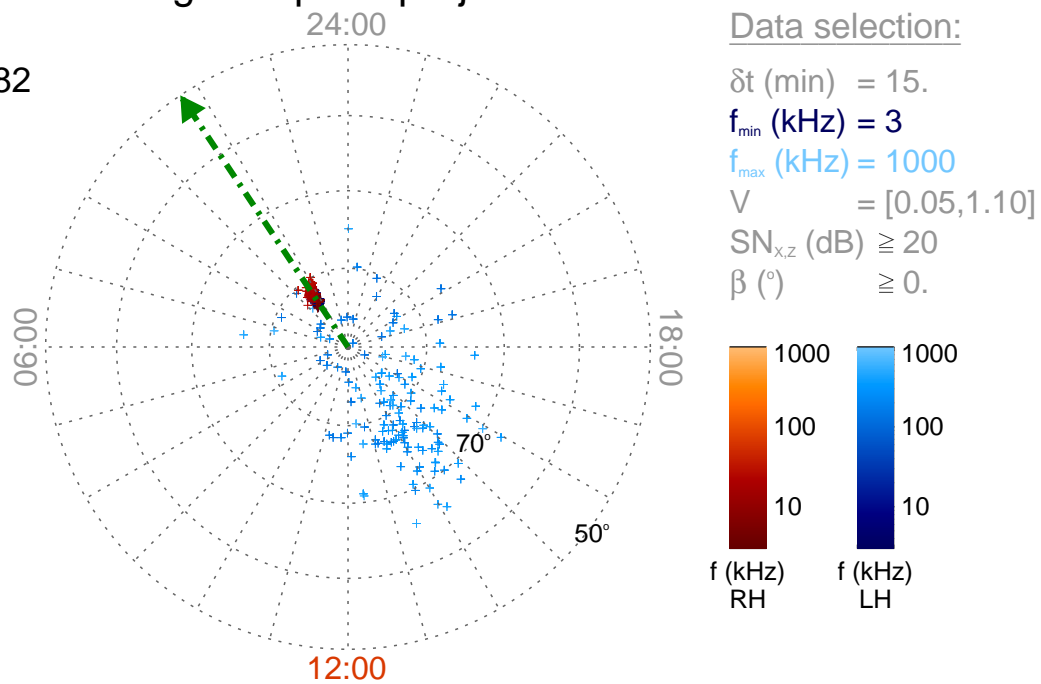
Time : 12:15

$r_{S/C}$  ( $R_s$ ) = 3.68

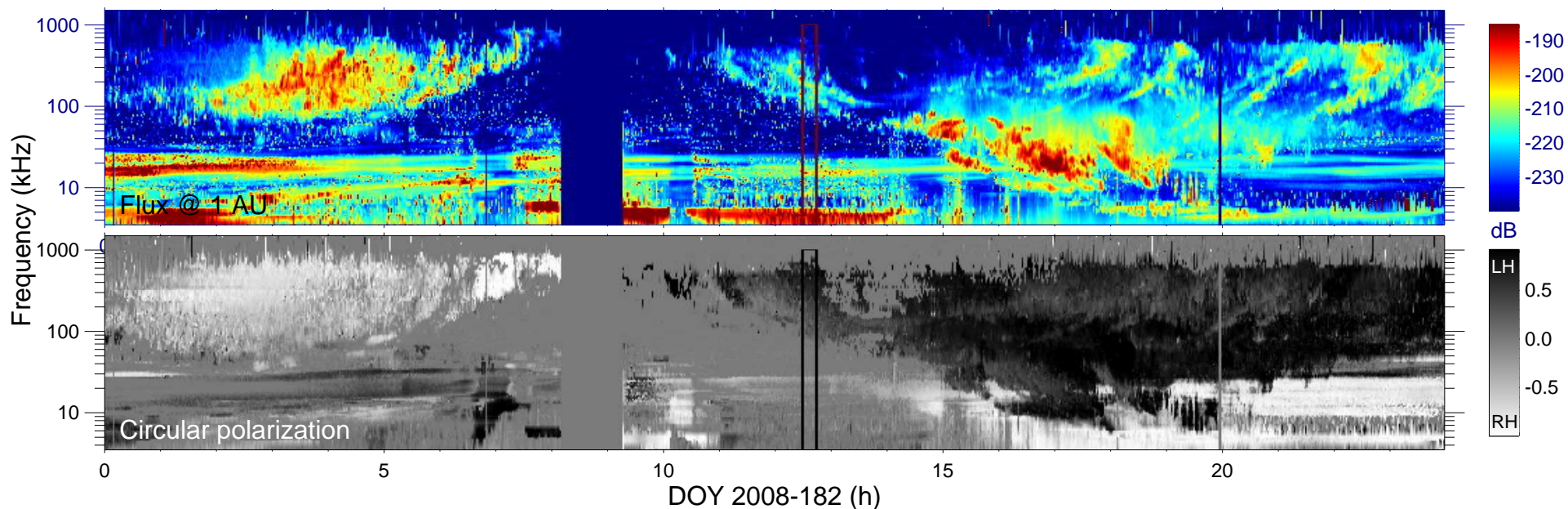
$\lambda_{S/C}$  ( $^\circ$ ) = -70.7

$TL_{S/C}$  = 02:14

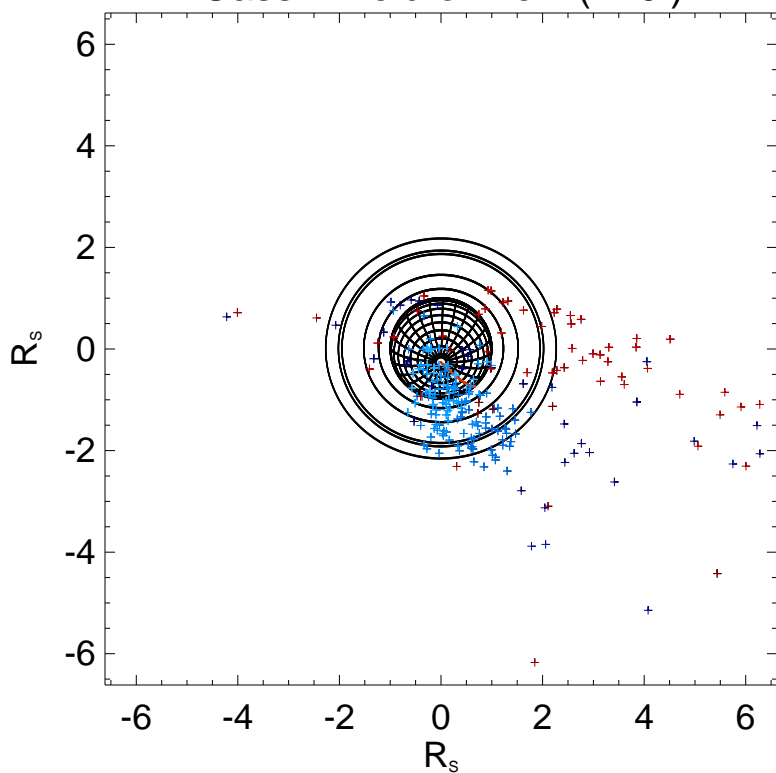
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

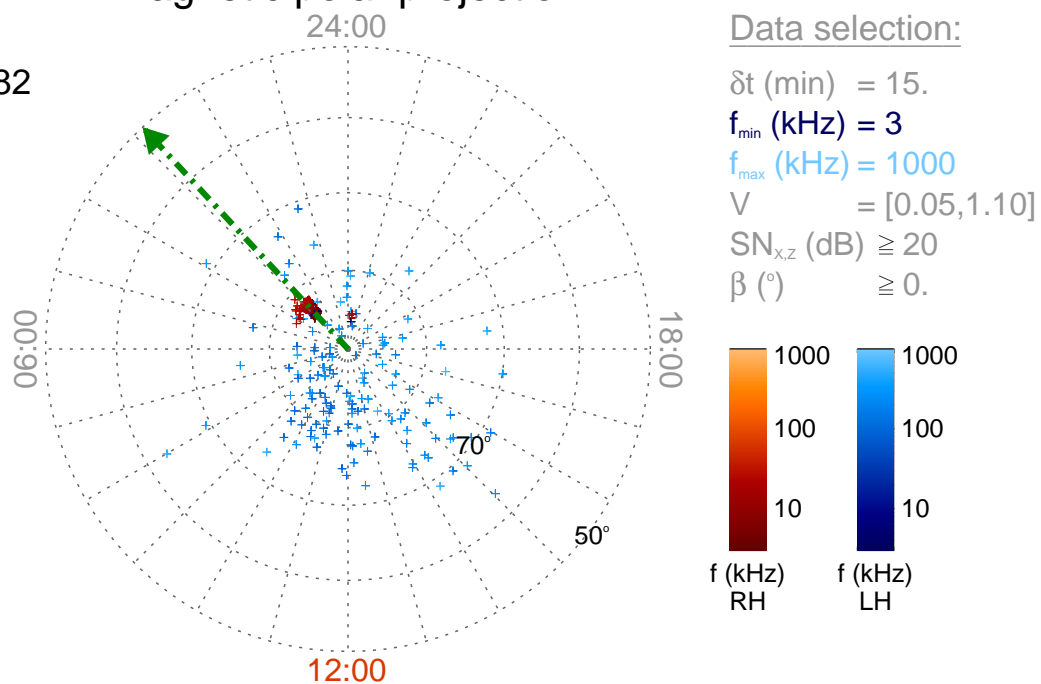
Time : 12:30

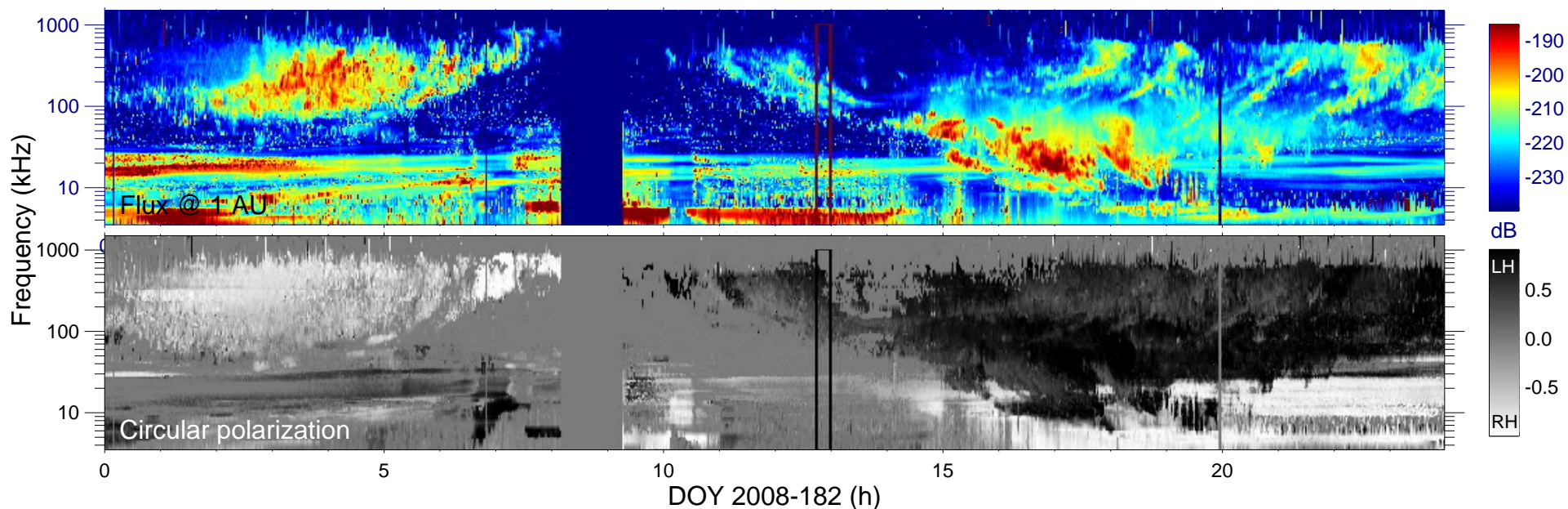
$r_{S/C}$  ( $R_s$ ) = 3.81

$\lambda_{S/C}$  ( $^\circ$ ) = -72.5

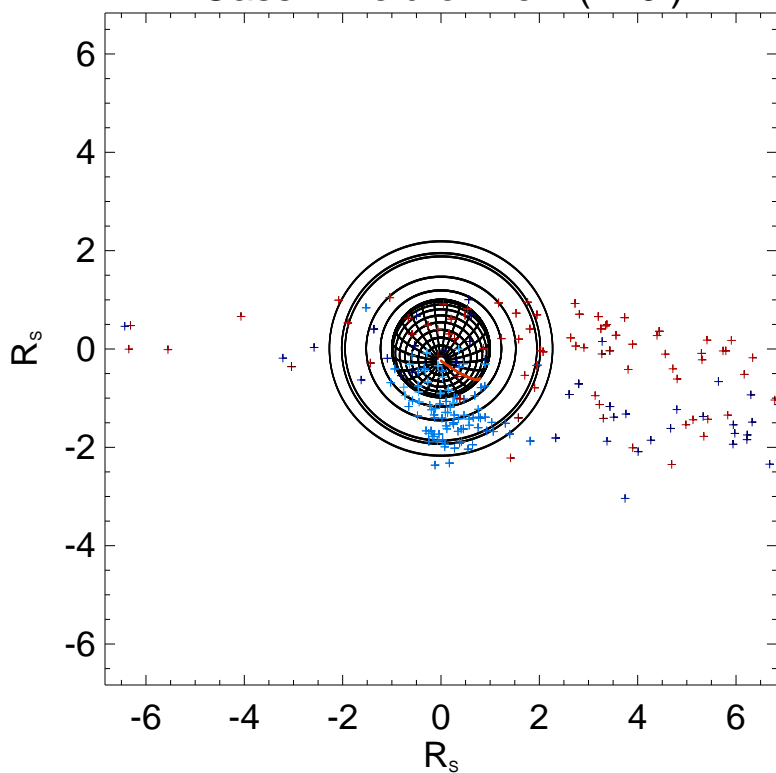
$TL_{S/C}$  = 02:51

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

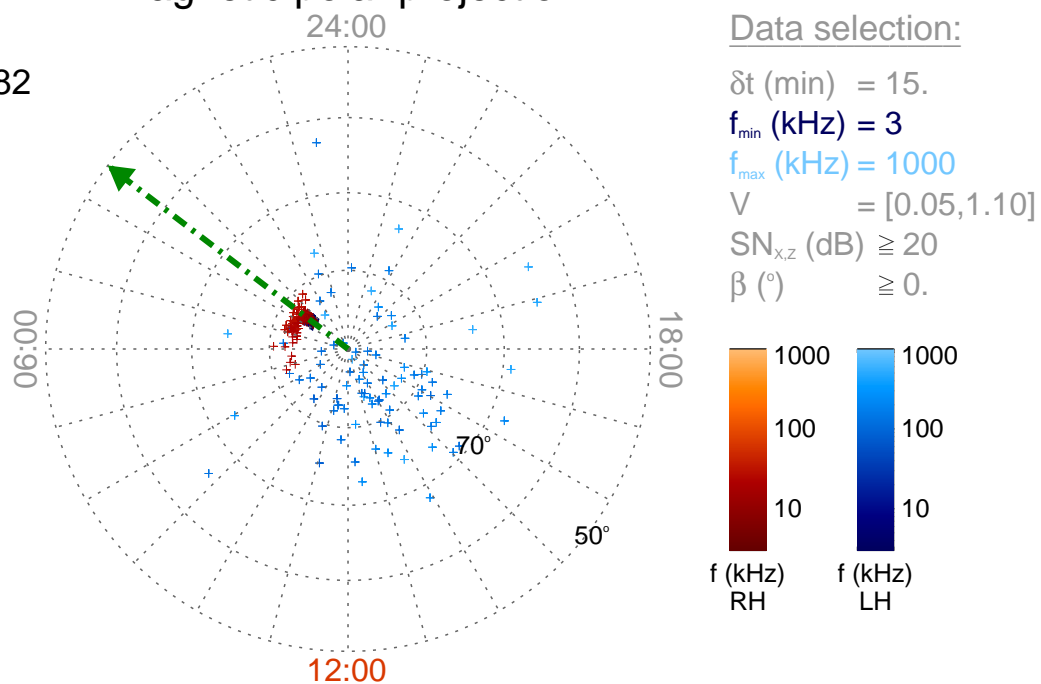
Time : 12:45

$r_{S/C}$  ( $R_s$ ) = 3.94

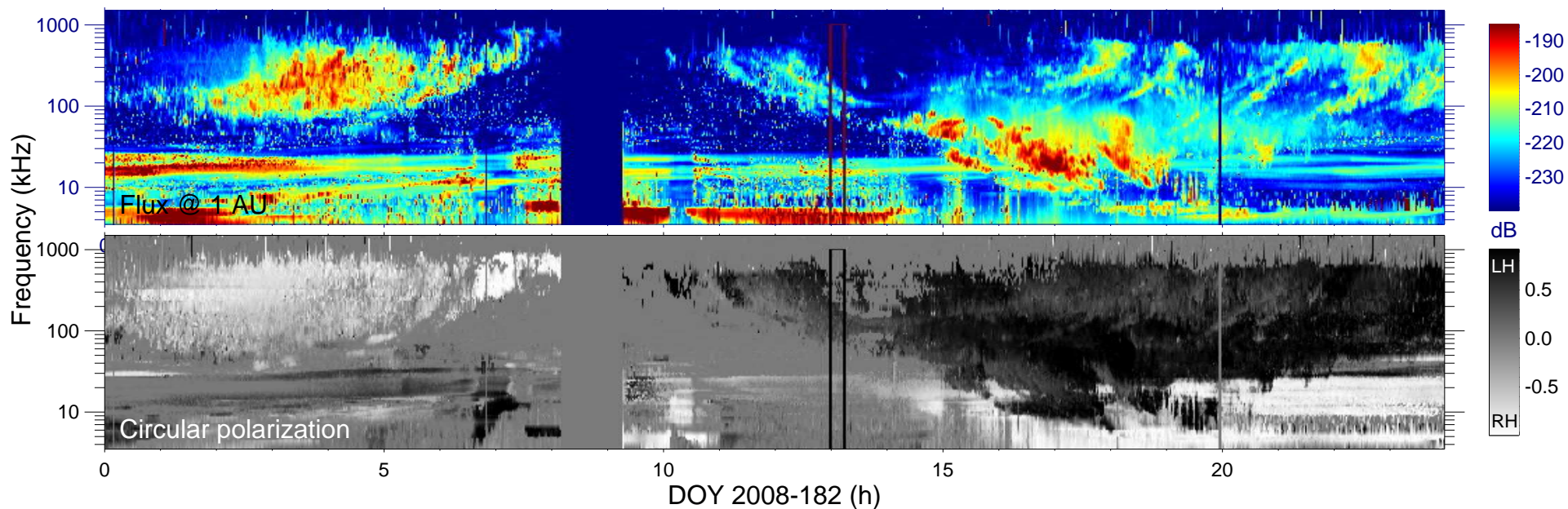
$\lambda_{S/C}$  ( $^\circ$ ) = -73.8

$TL_{S/C}$  = 03:30

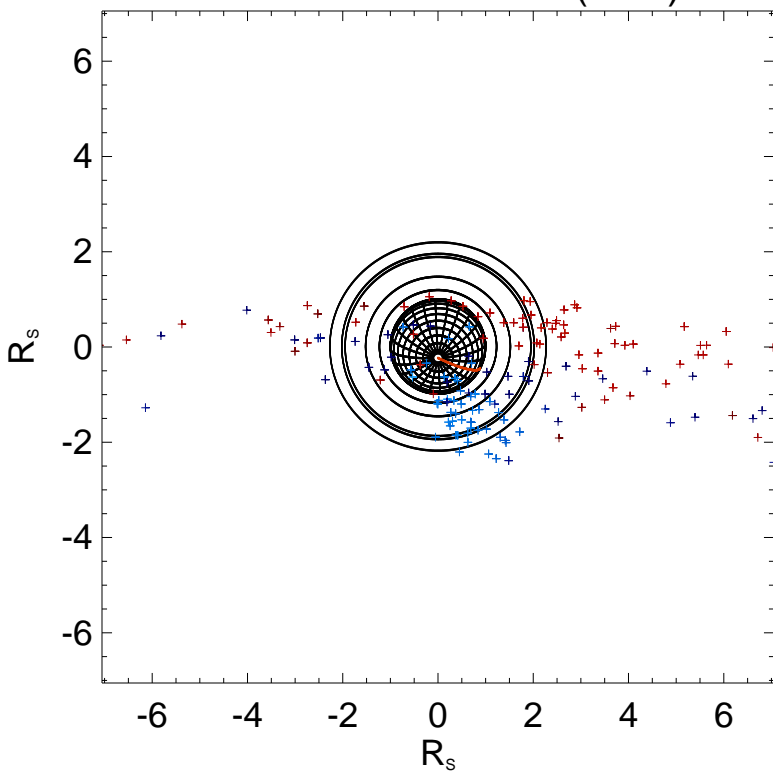
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

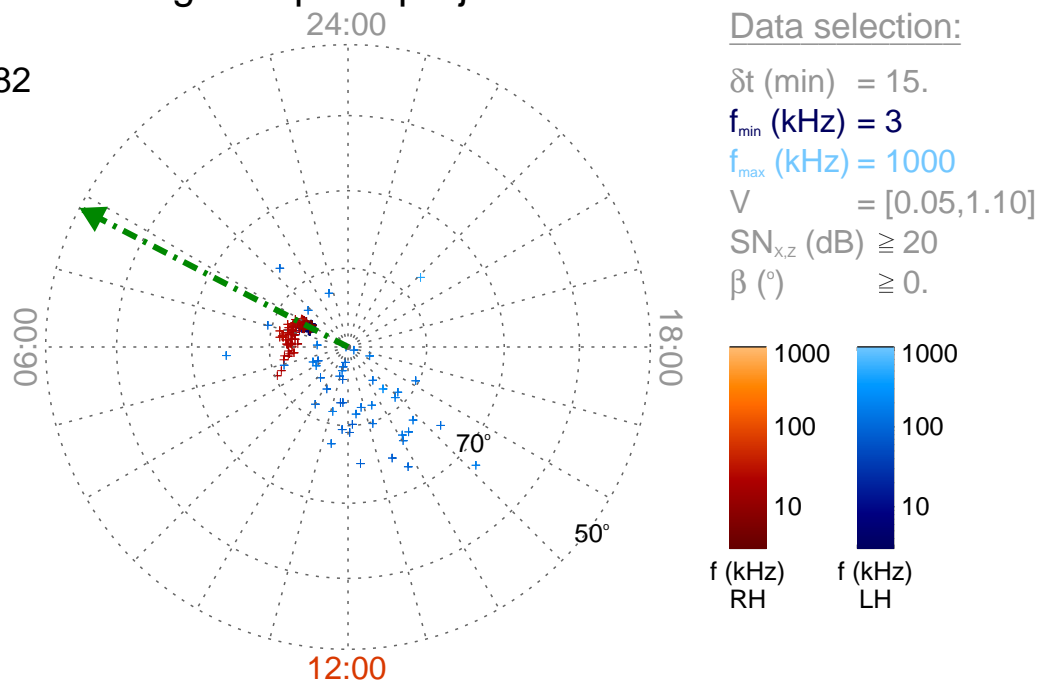
Time : 13:00

$r_{S/C}$  ( $R_s$ ) = 4.06

$\lambda_{S/C}$  ( $^\circ$ ) = -74.5

$TL_{S/C}$  = 04:10

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

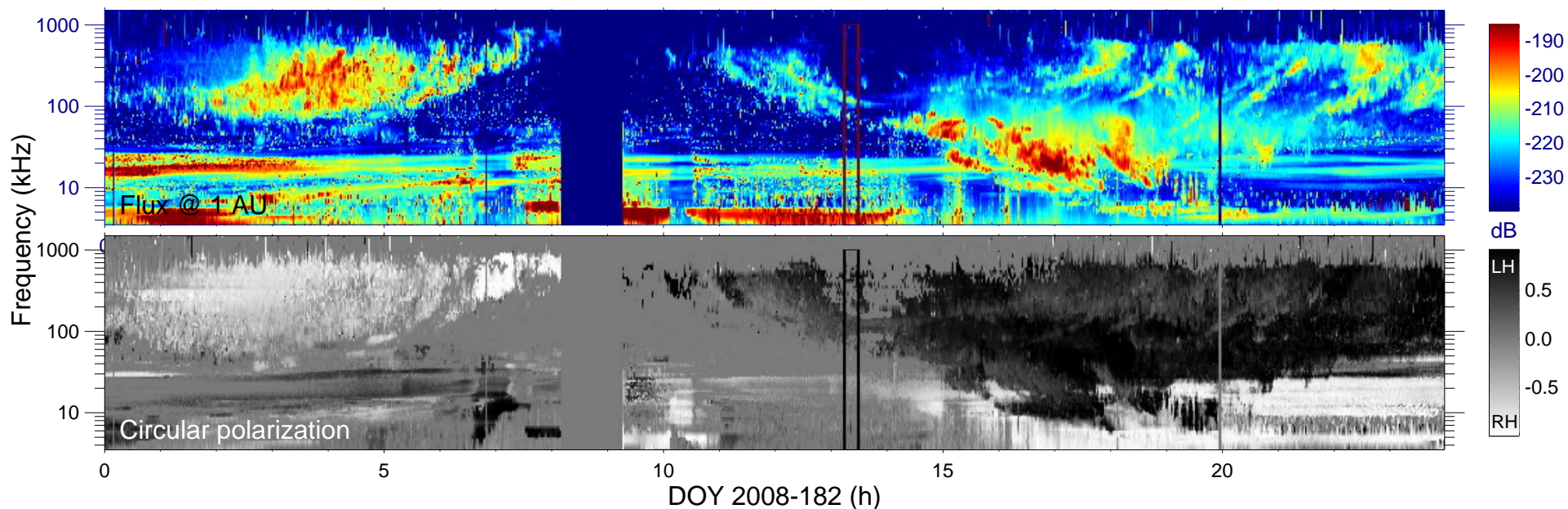
$f_{min}$  (kHz) = 3

$f_{max}$  (kHz) = 1000

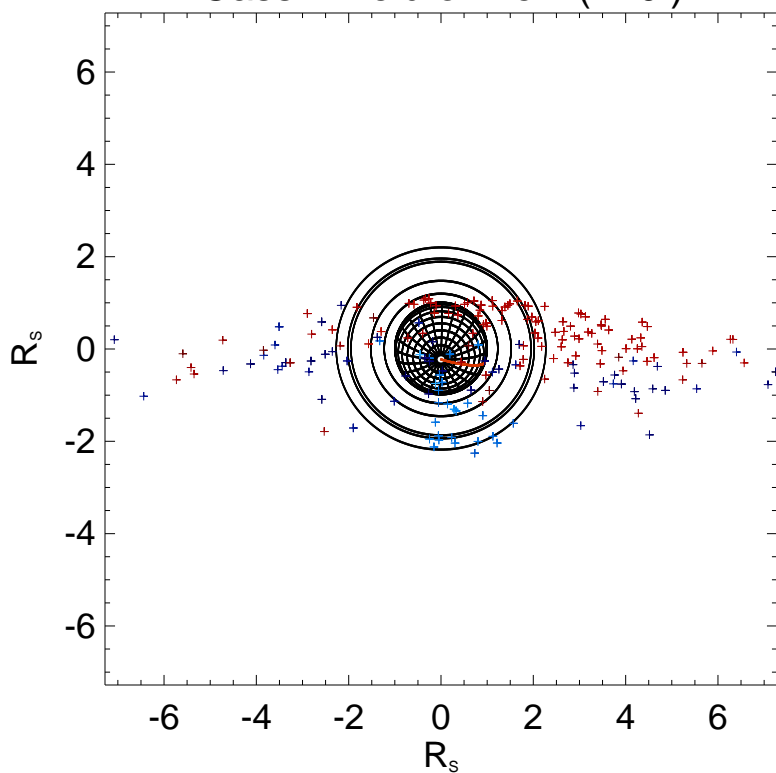
$V$  = [0.05, 1.10]

$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .



Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

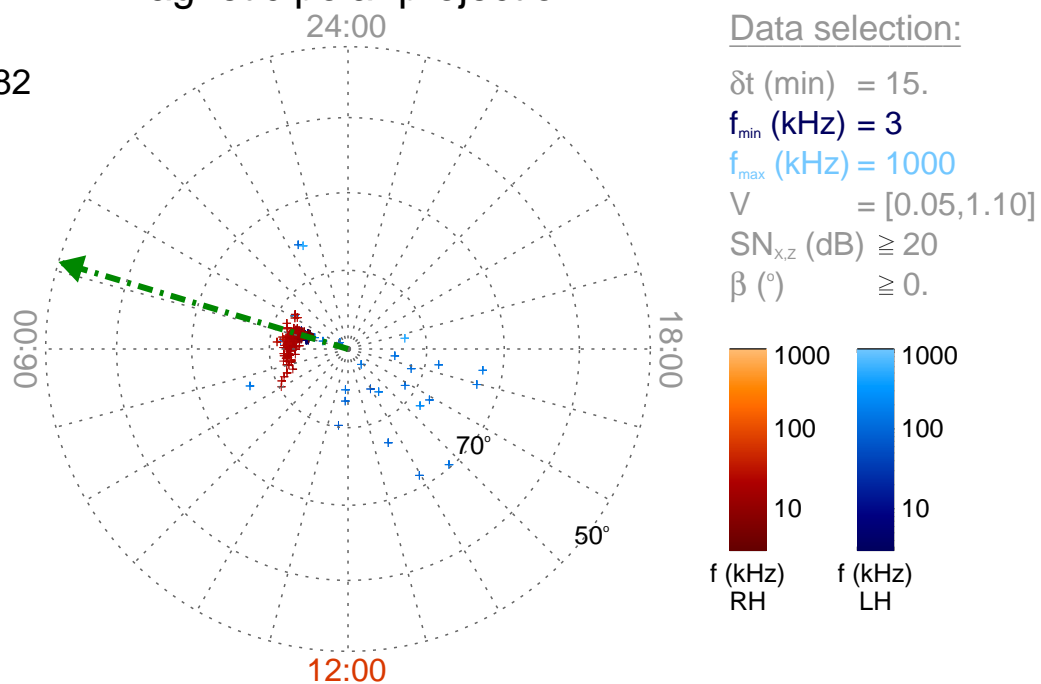
Time : 13:15

$r_{S/C} (R_s) = 4.19$

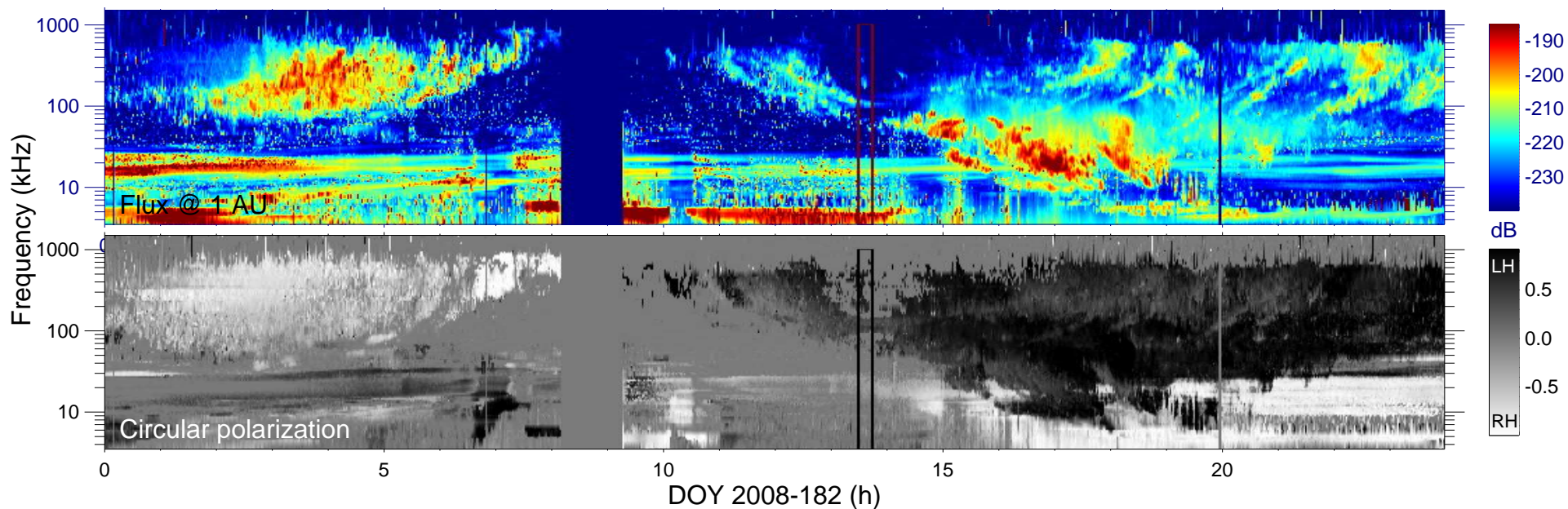
$\lambda_{S/C} (^\circ) = -74.7$

$TL_{S/C} = 04:53$

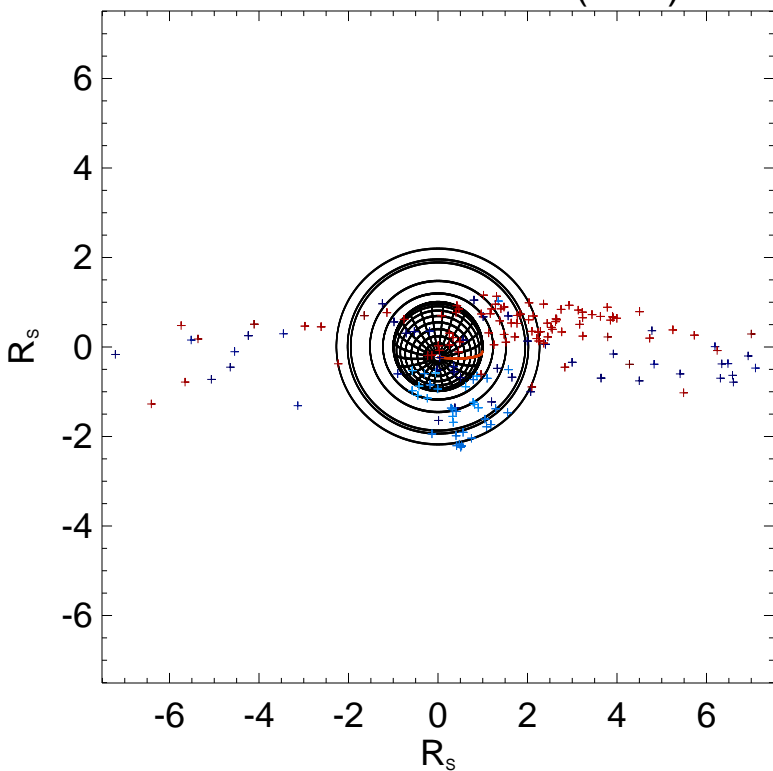
Magnetic polar projection







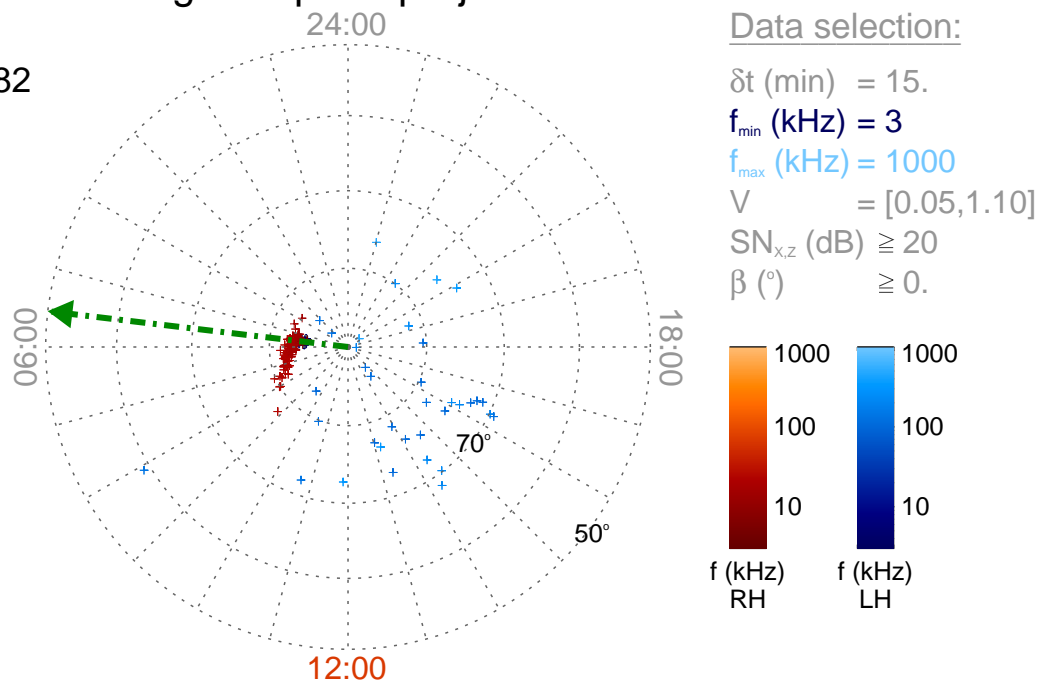
Cassini field of view ( $120^\circ$ )

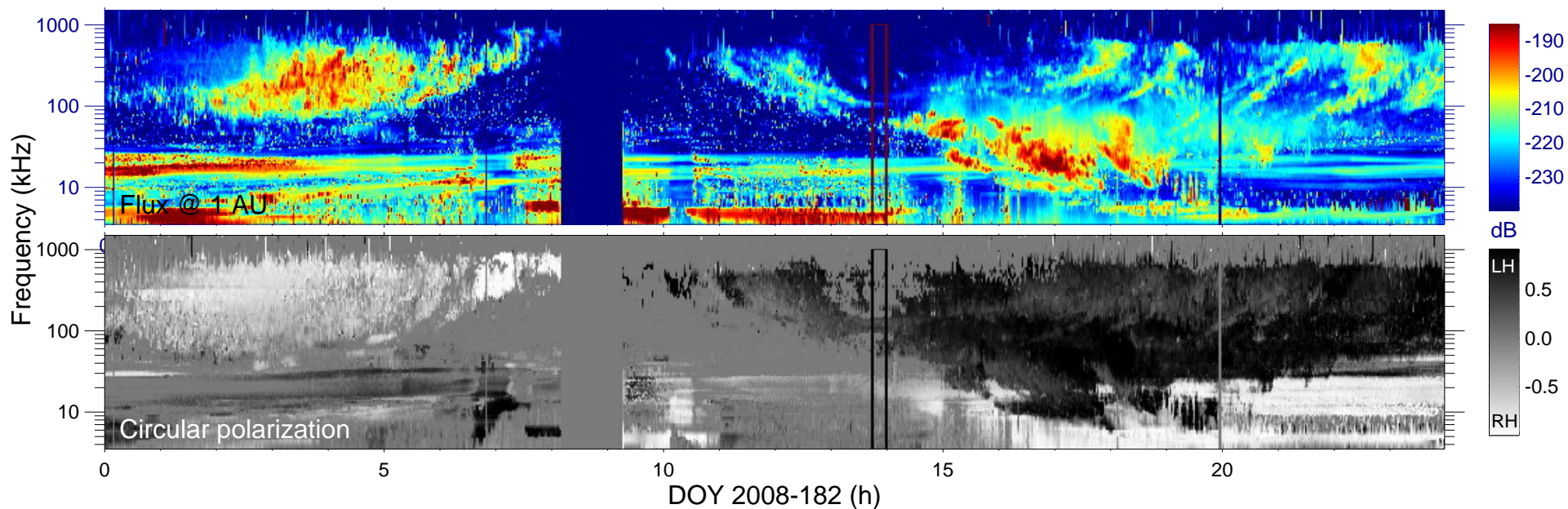


Ephemeris:

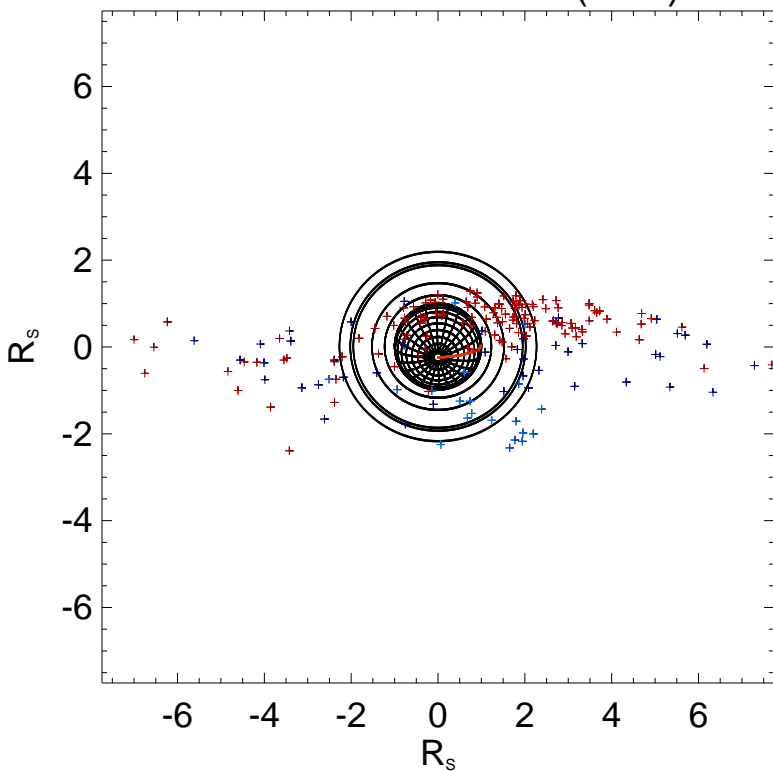
Day : 2008-182  
 Time : 13:30  
 $r_{S/C} (R_s) = 4.33$   
 $\lambda_{S/C} (^\circ) = -74.4$   
 $TL_{S/C} = 05:32$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

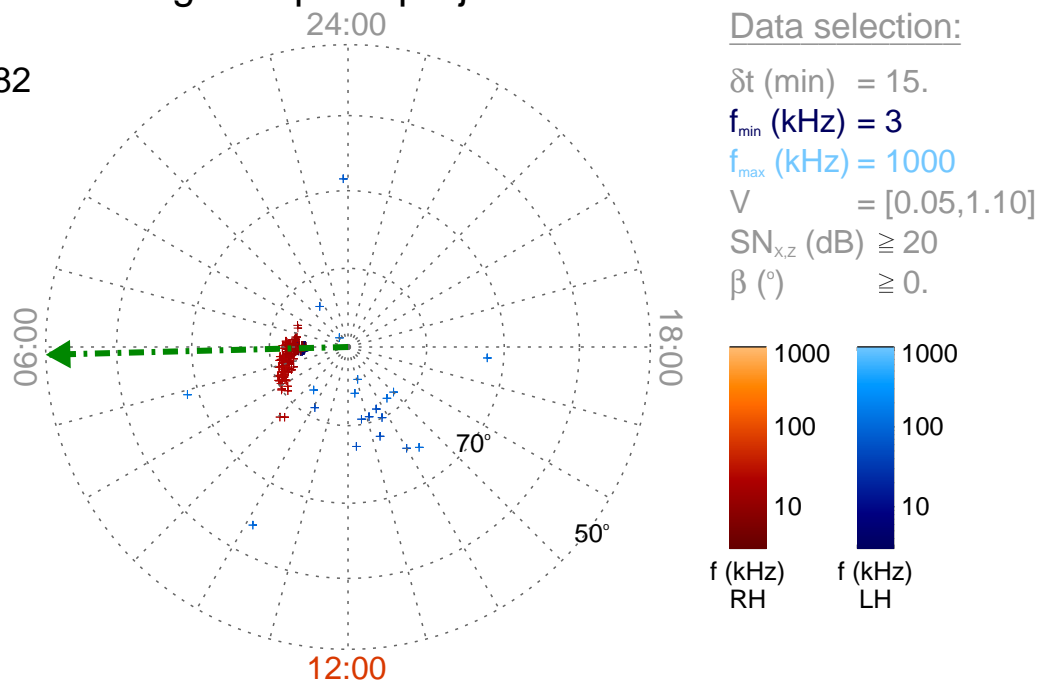
Time : 13:45

$r_{S/C}$  ( $R_s$ ) = 4.46

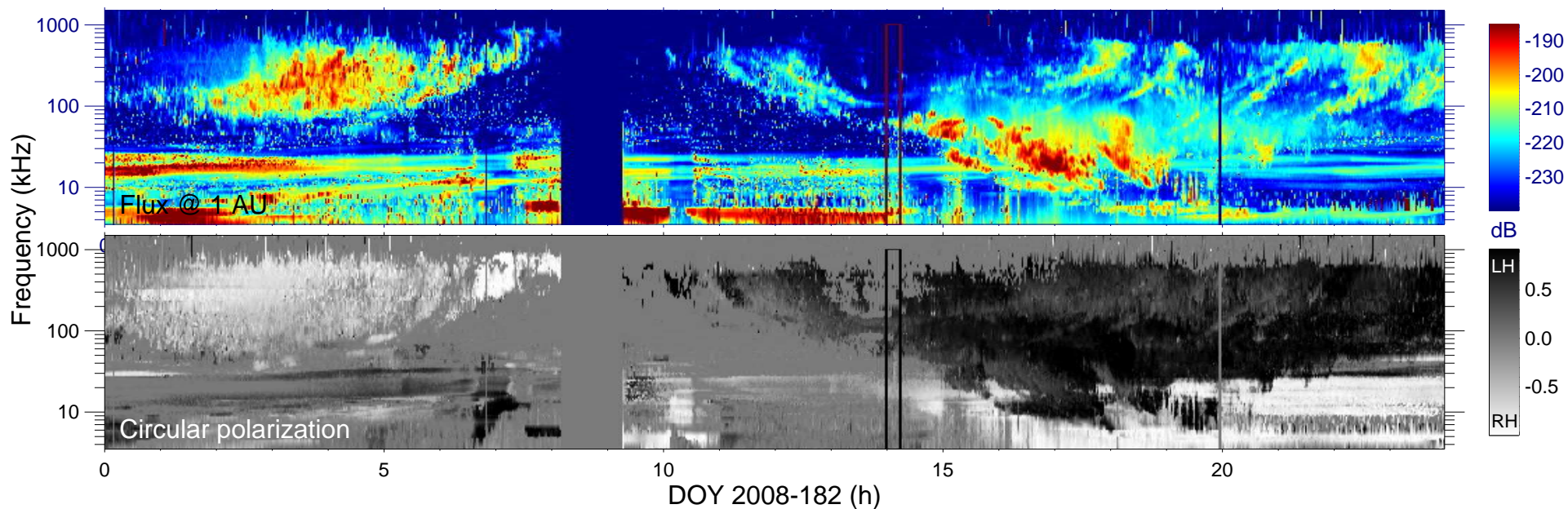
$\lambda_{S/C}$  ( $^\circ$ ) = -73.8

$TL_{S/C}$  = 06:05

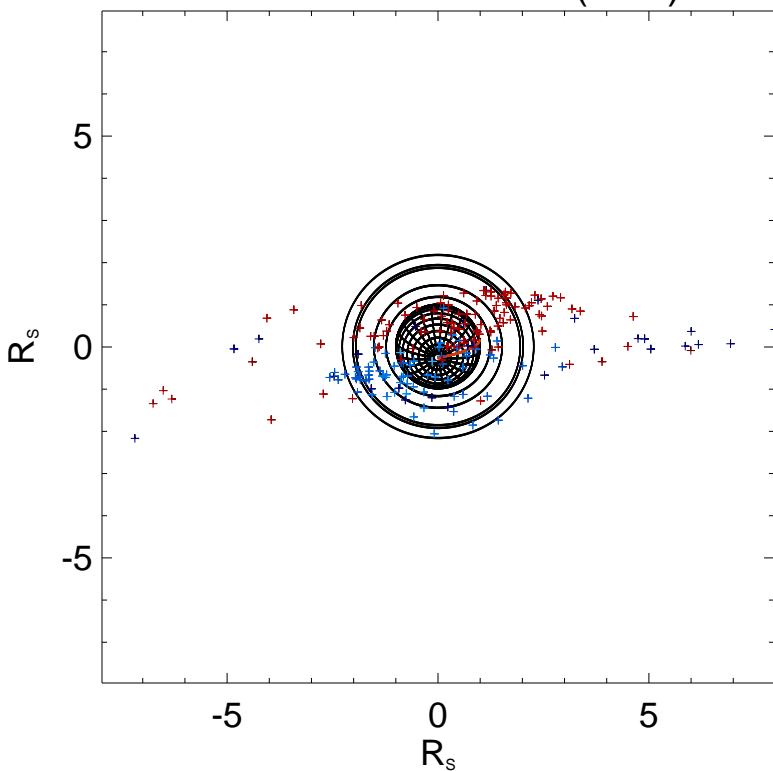
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

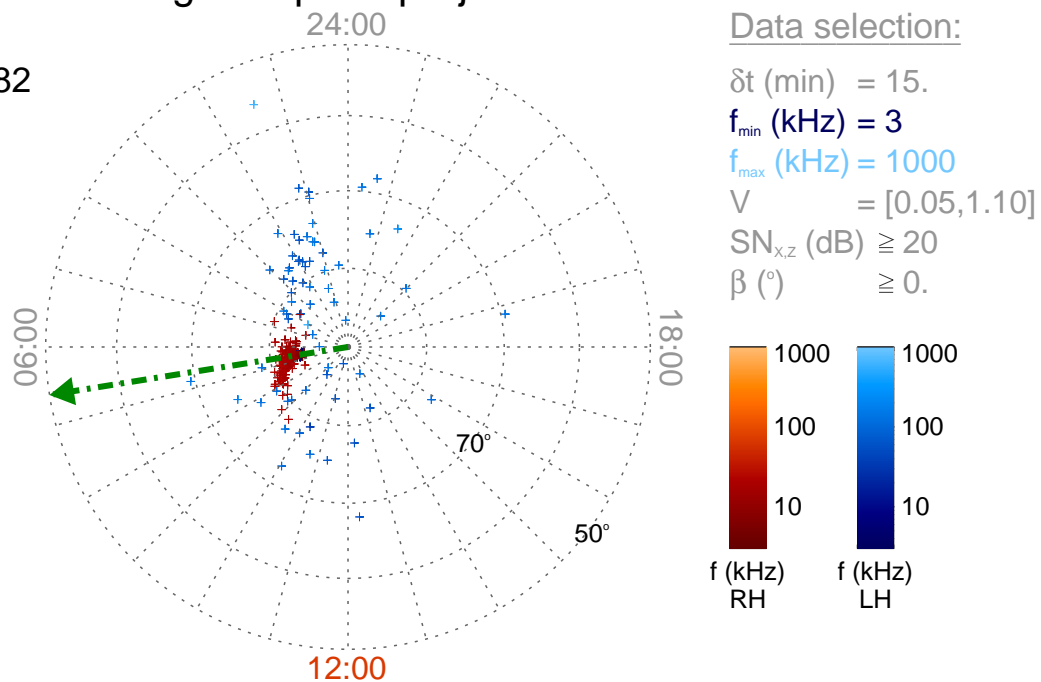
Time : 14:00

$r_{S/C}$  ( $R_s$ ) = 4.59

$\lambda_{S/C}$  ( $^\circ$ ) = -73.0

$TL_{S/C}$  = 06:36

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

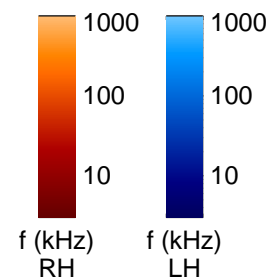
$f_{min}$  (kHz) = 3

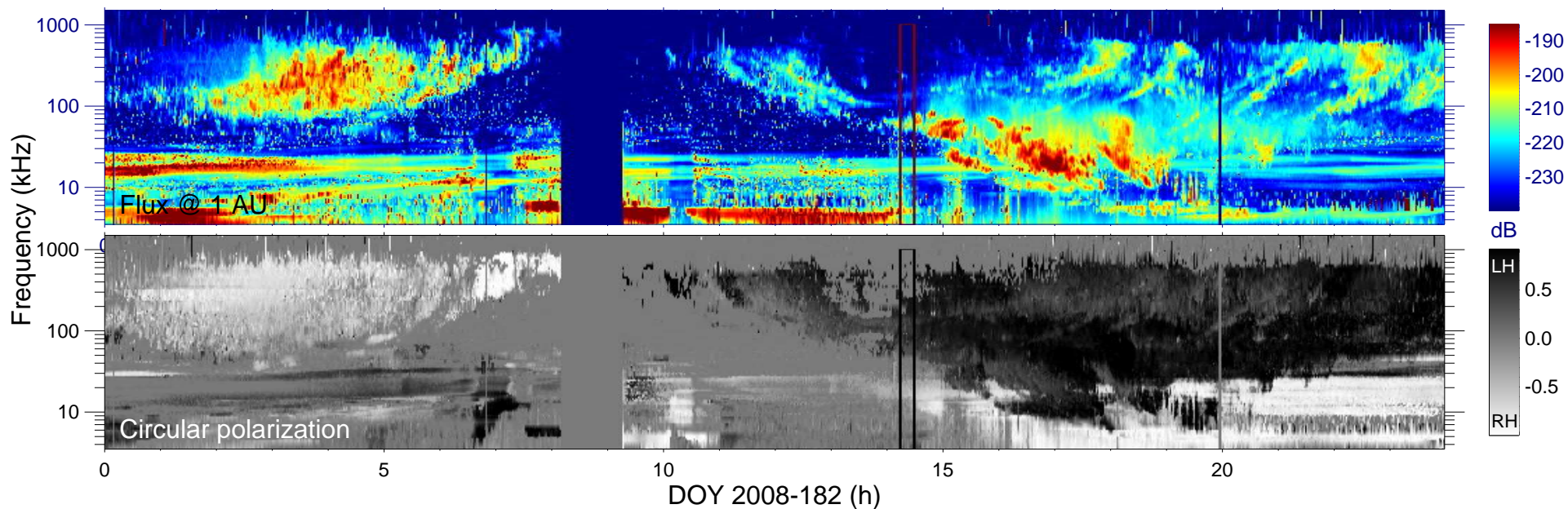
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

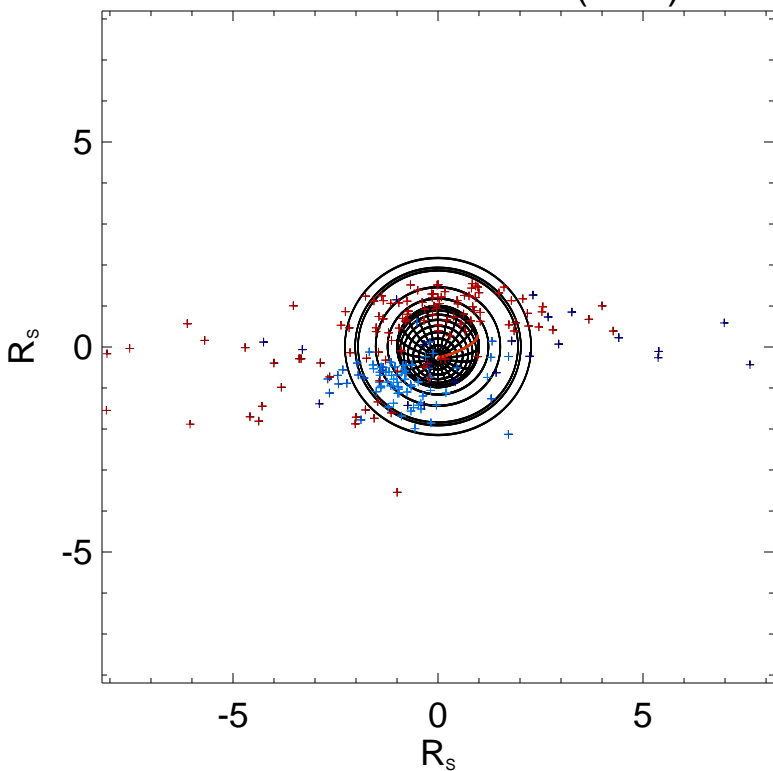
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

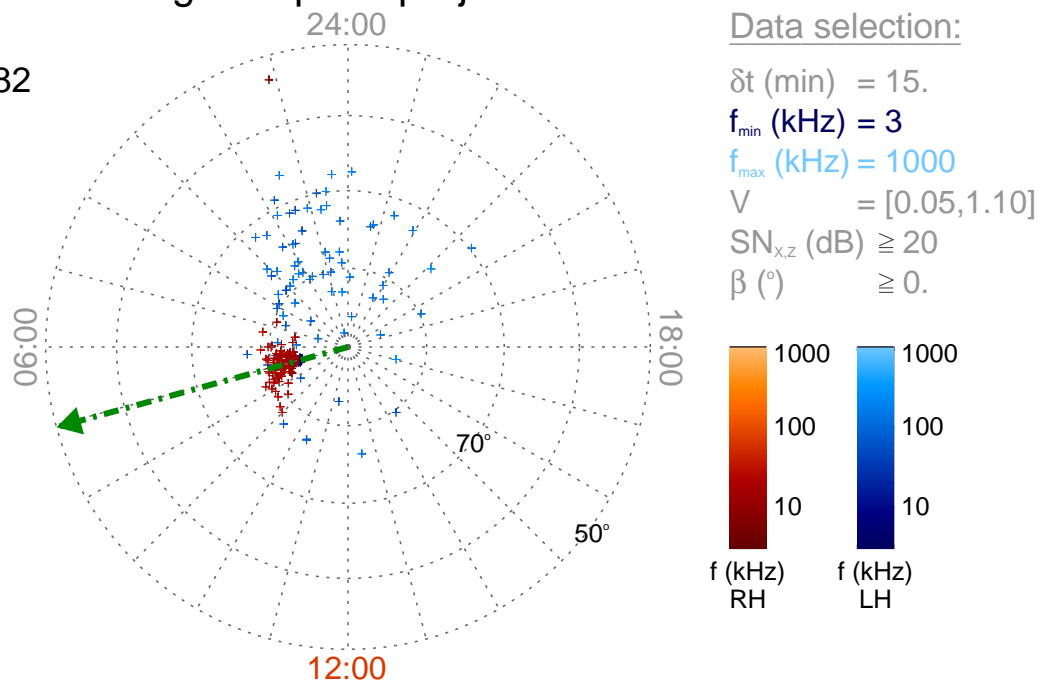
Time : 14:15

$r_{S/C}$  ( $R_s$ ) = 4.72

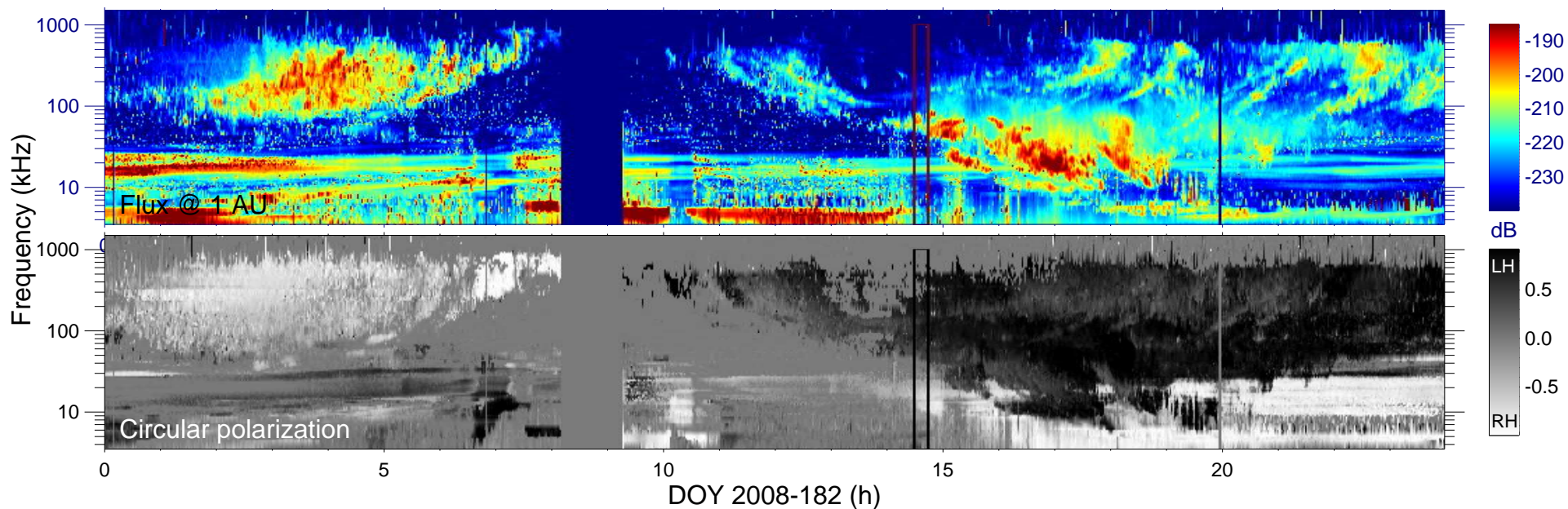
$\lambda_{S/C}$  ( $^\circ$ ) = -71.9

$TL_{S/C}$  = 07:01

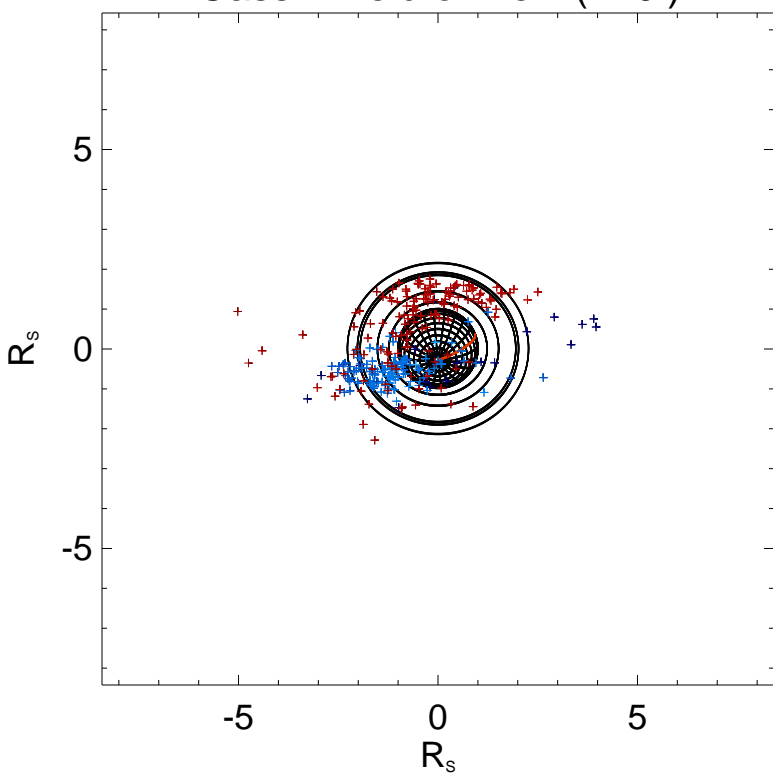
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

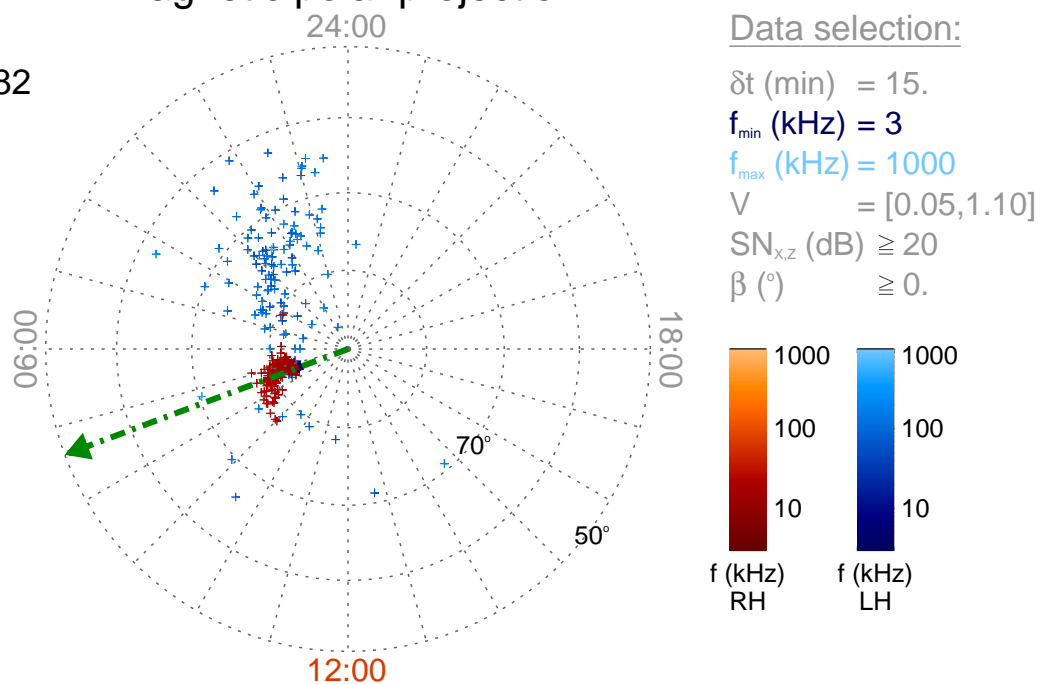
Time : 14:30

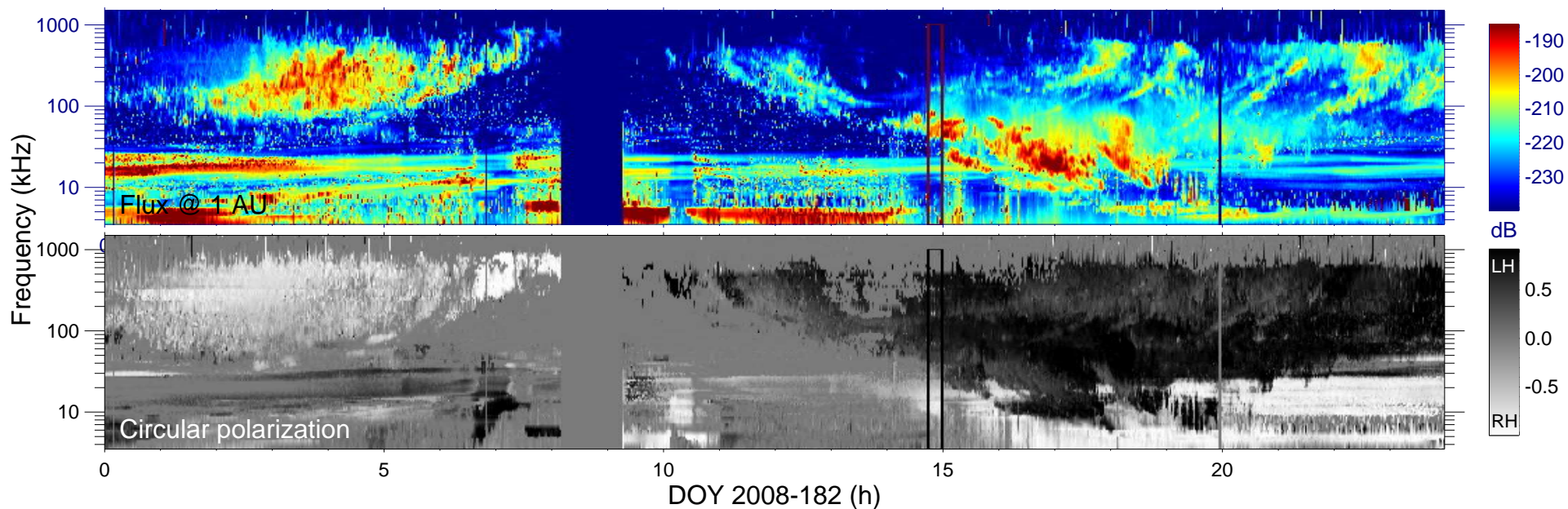
$r_{S/C}$  ( $R_s$ ) = 4.85

$\lambda_{S/C}$  ( $^\circ$ ) = -70.8

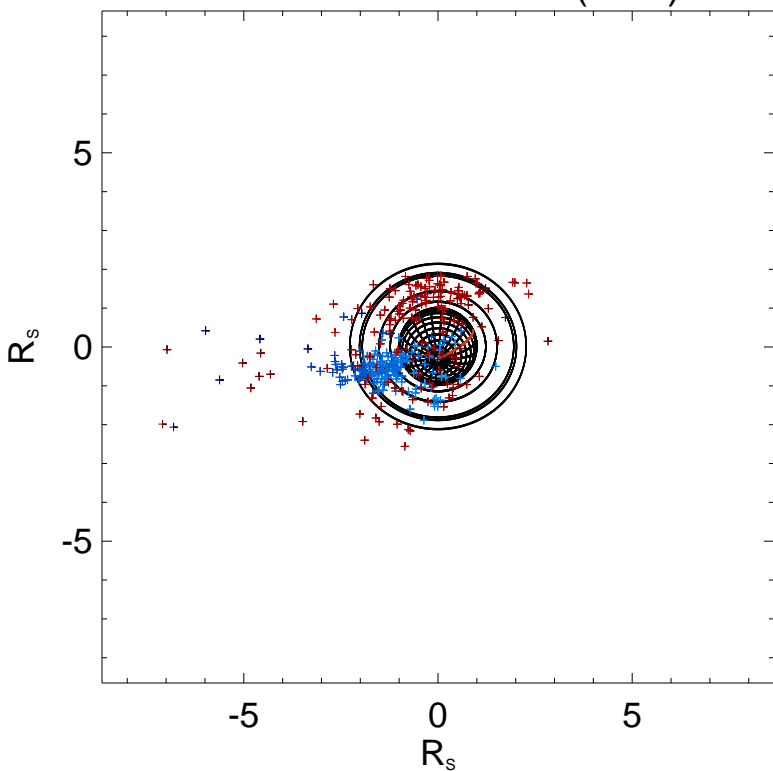
$TL_{S/C}$  = 07:21

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

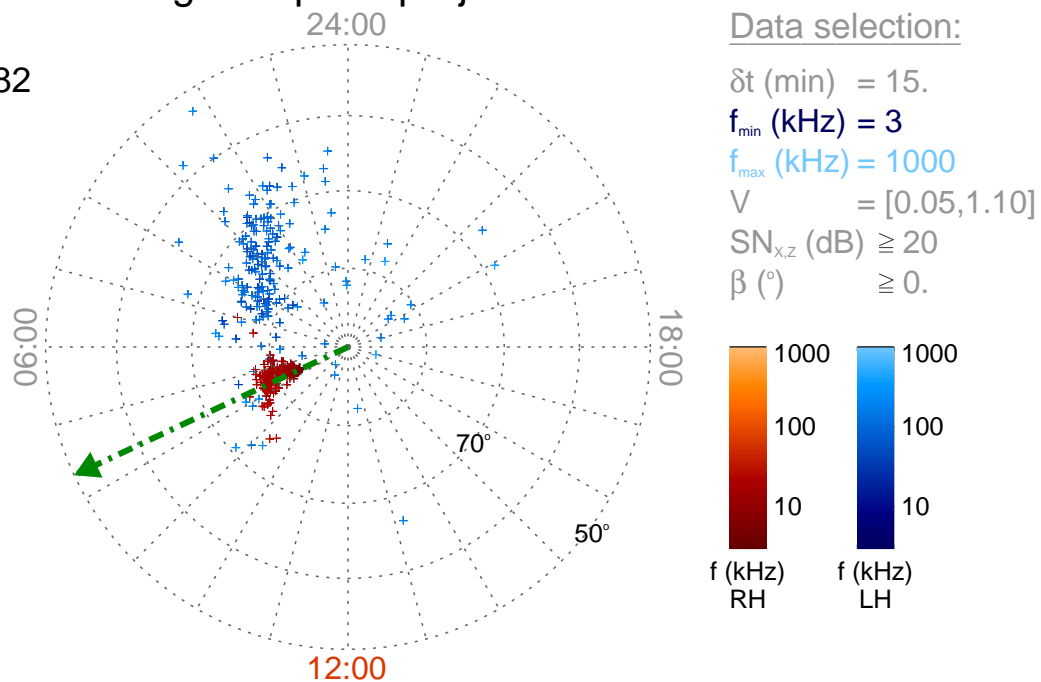
Time : 14:45

$r_{S/C} (R_s) = 4.99$

$\lambda_{S/C} (^\circ) = -69.6$

$TL_{S/C} = 07:40$

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

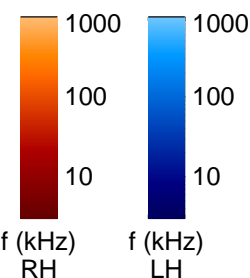
$f_{min}$  (kHz) = 3

$f_{max}$  (kHz) = 1000

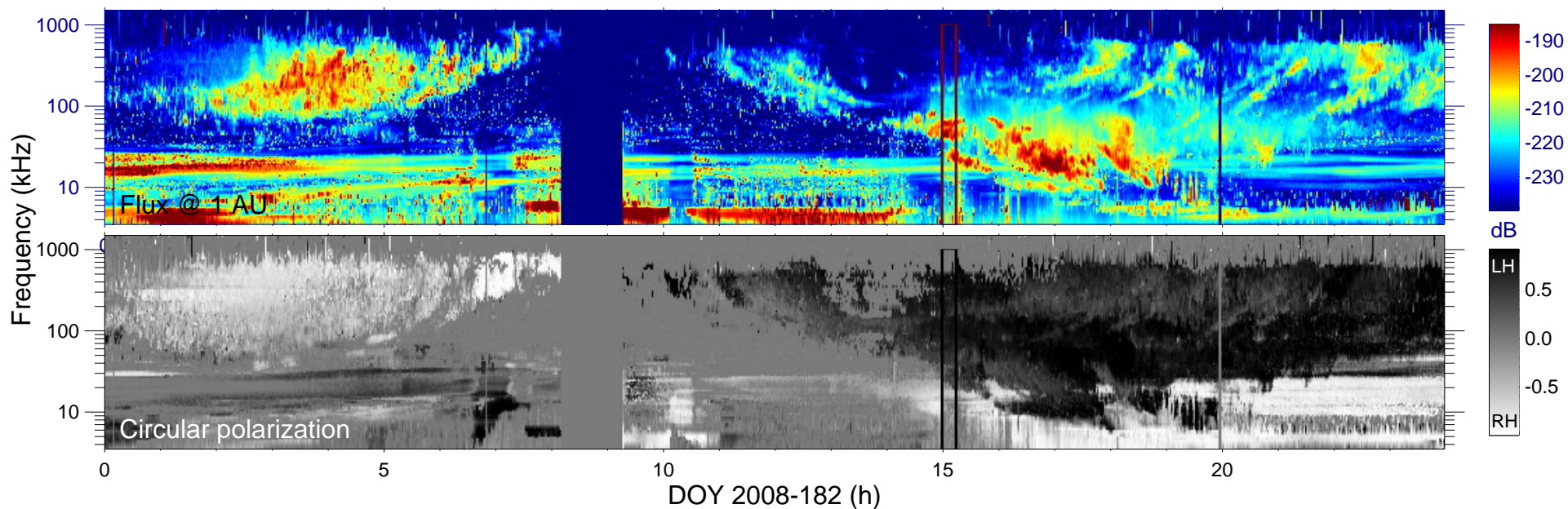
$V = [0.05, 1.10]$

$SN_{x,z}$  (dB)  $\geq 20$

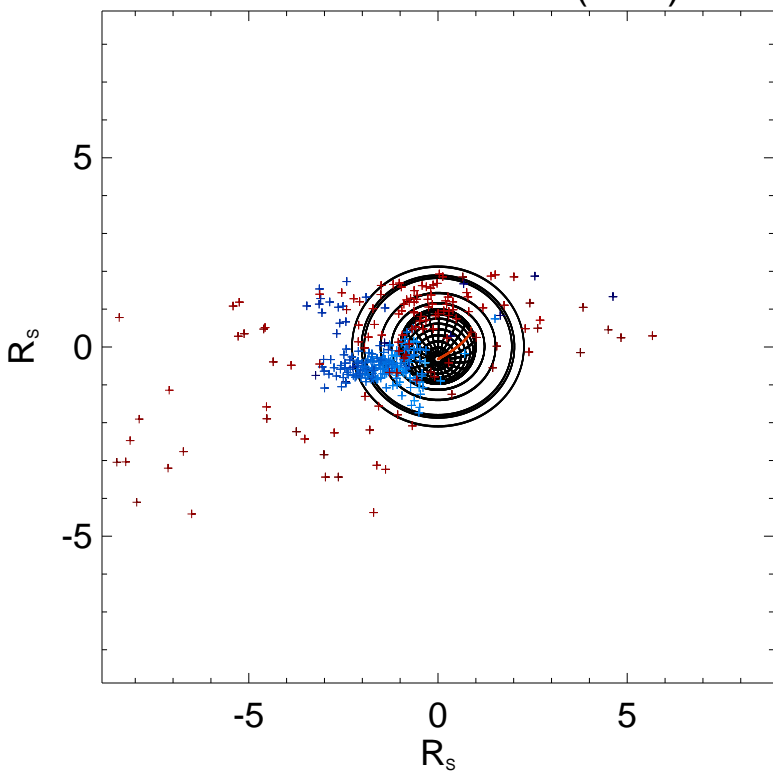
$\beta$  ( $^\circ$ )  $\geq 0$ .







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

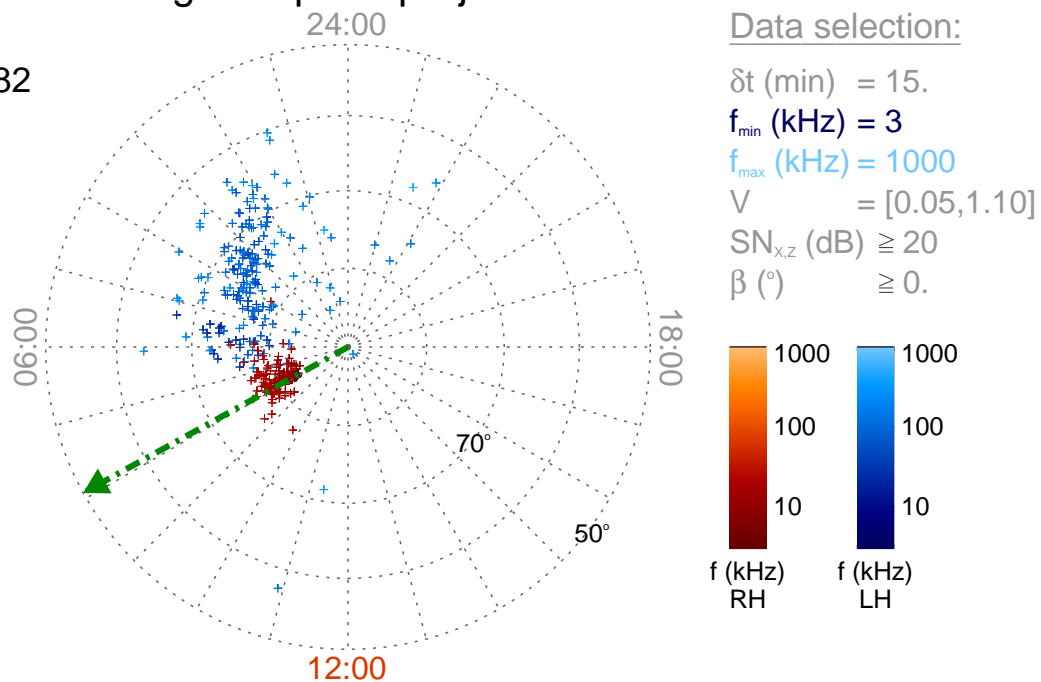
Time : 15:00

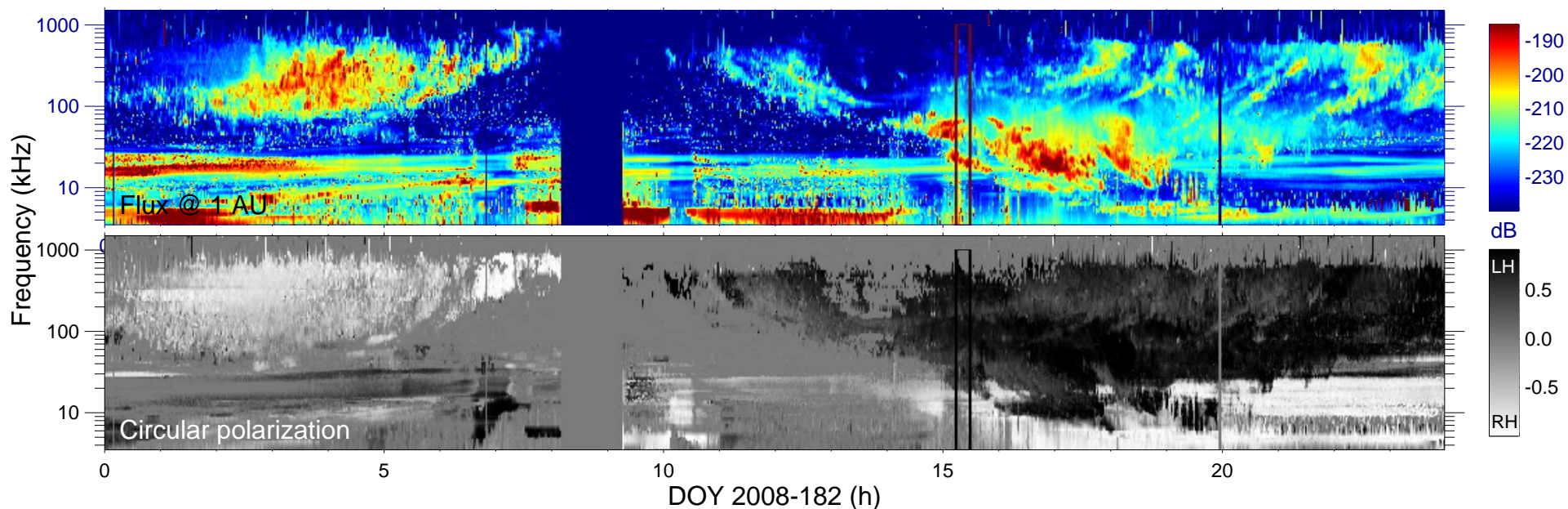
$r_{S/C}$  ( $R_s$ ) = 5.12

$\lambda_{S/C}$  ( $^\circ$ ) = -68.3

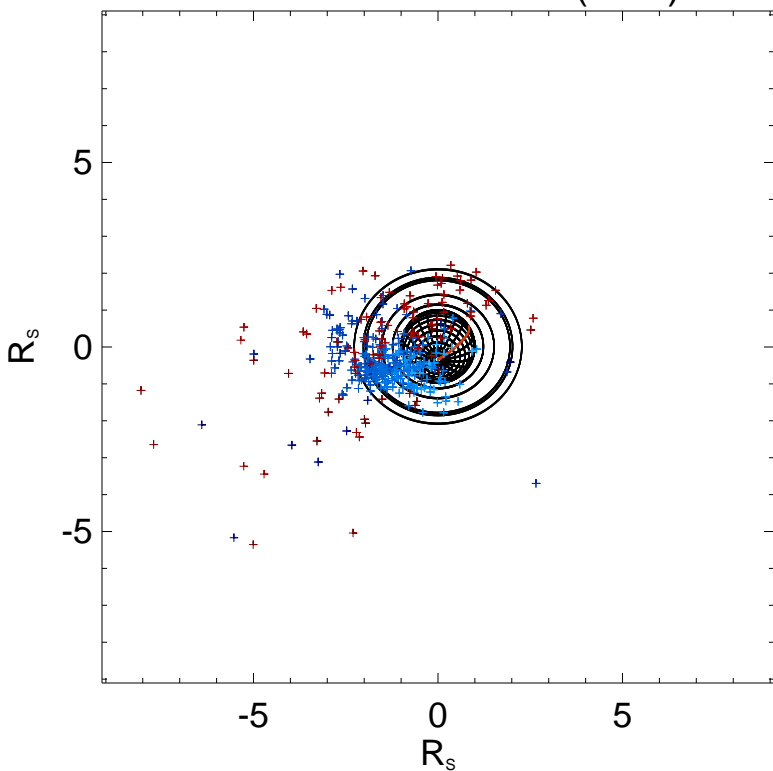
$TL_{S/C}$  = 07:55

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

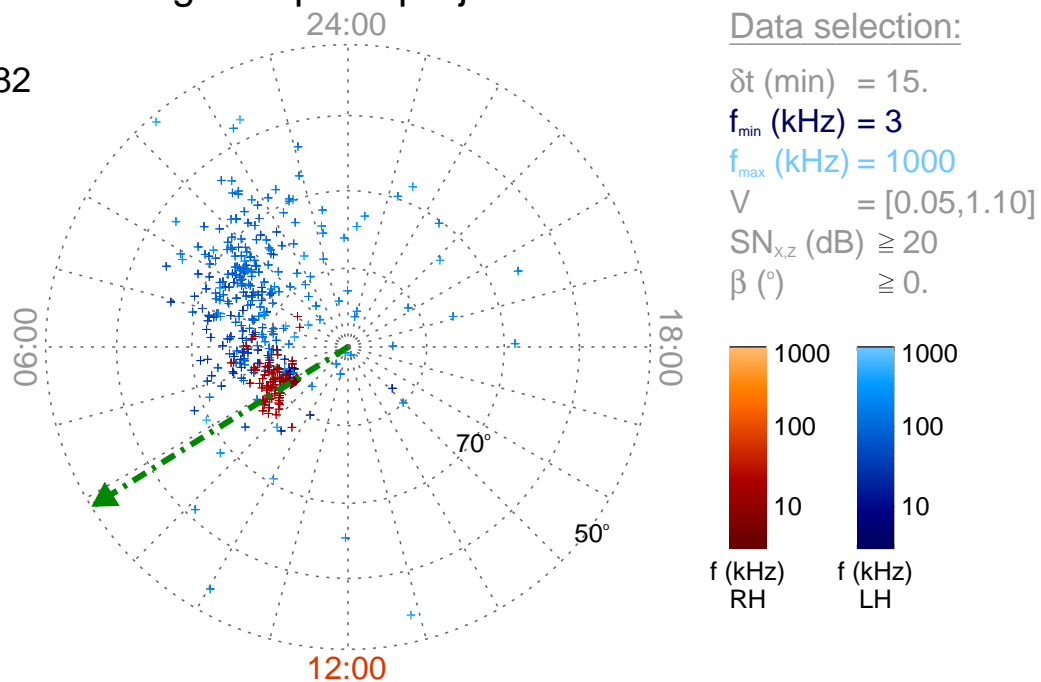
Time : 15:15

$r_{S/C} (R_s) = 5.24$

$\lambda_{S/C} (^\circ) = -67.1$

$TL_{S/C} = 08:07$

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

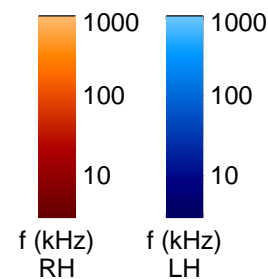
$f_{min}$  (kHz) = 3

$f_{max}$  (kHz) = 1000

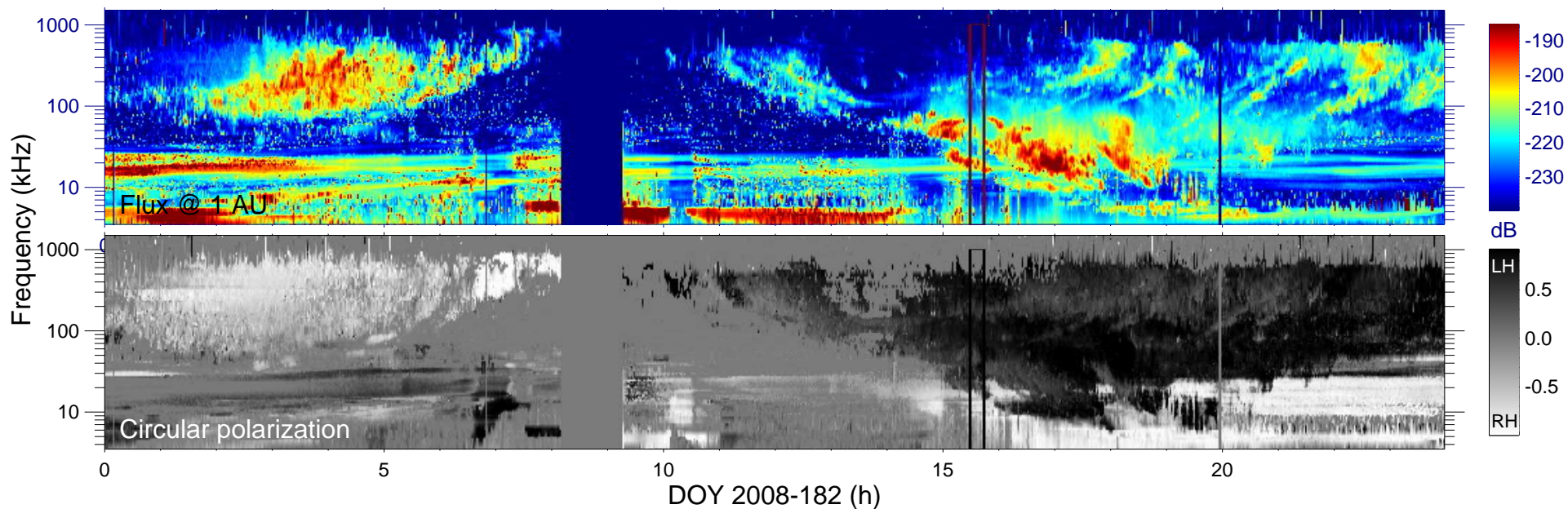
$V = [0.05, 1.10]$

$SN_{x,z}$  (dB)  $\geq 20$

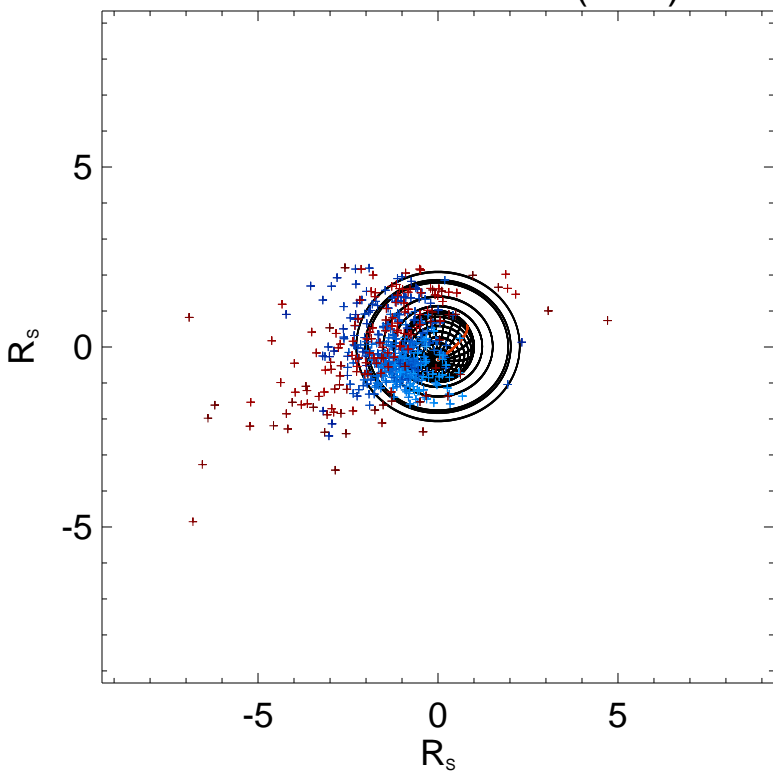
$\beta$  ( $^\circ$ )  $\geq 0$ .







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

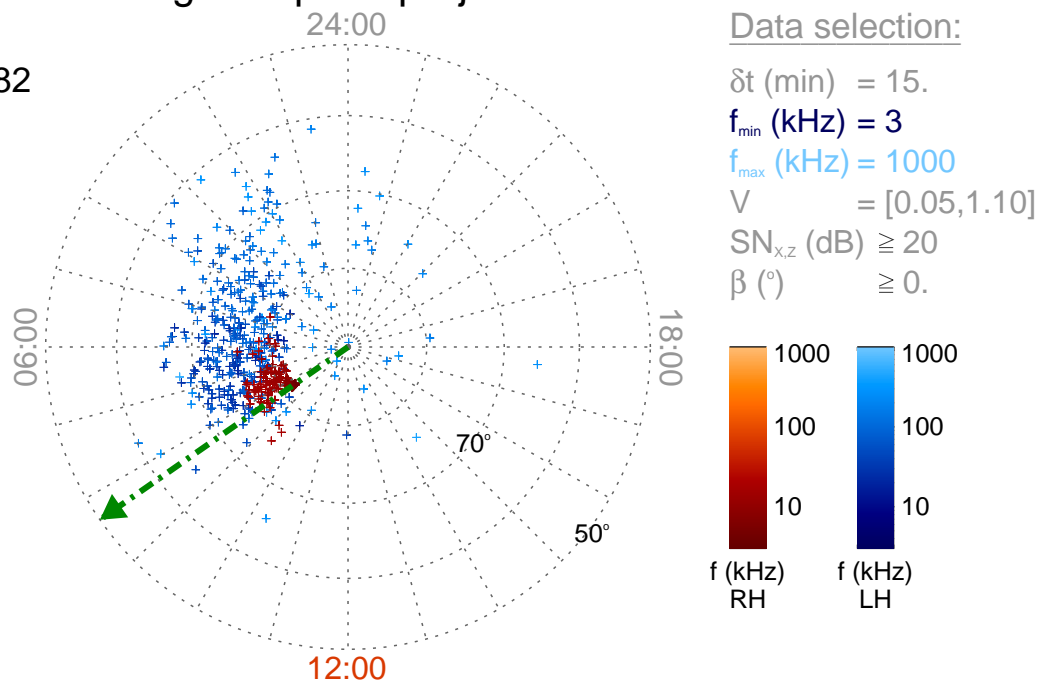
Time : 15:30

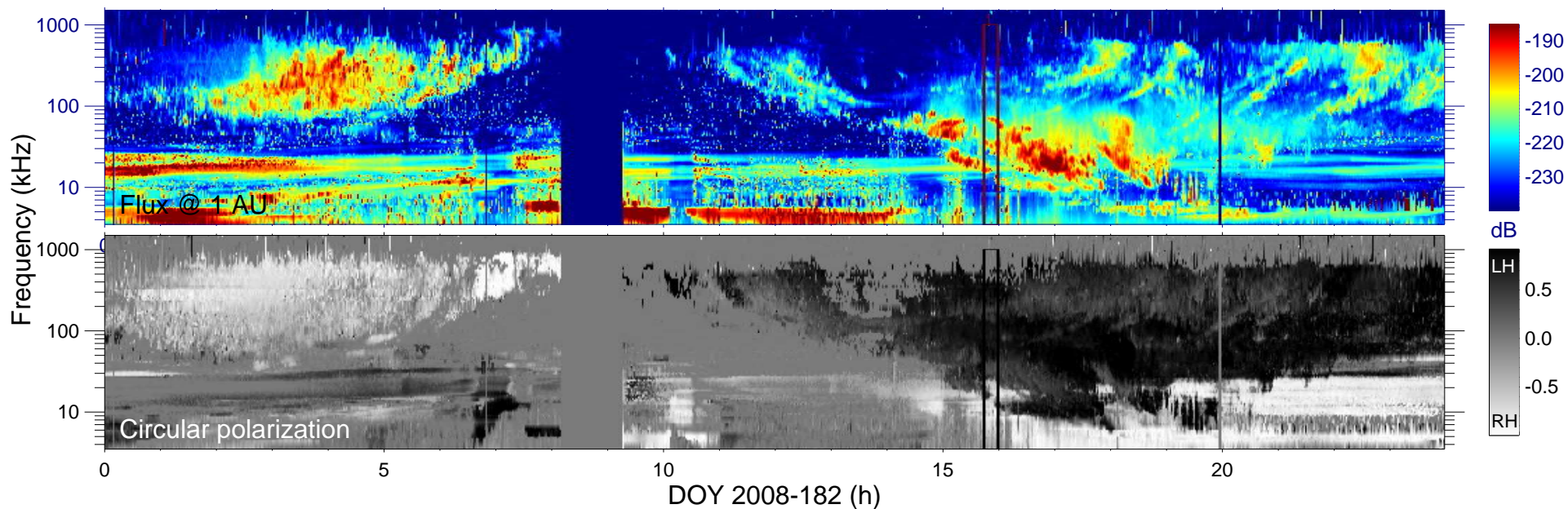
$r_{S/C}$  ( $R_s$ ) = 5.38

$\lambda_{S/C}$  ( $^\circ$ ) = -65.8

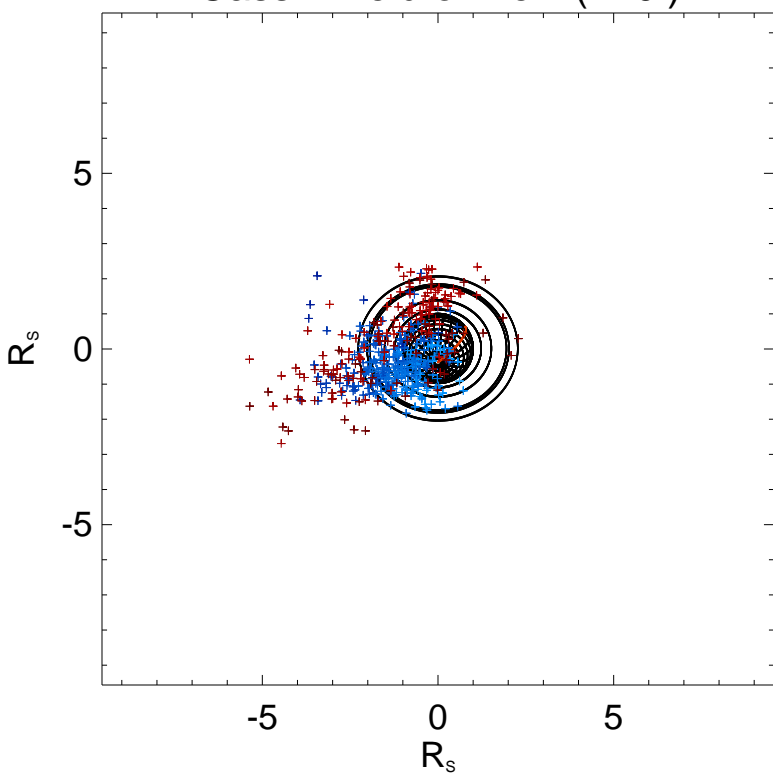
$TL_{S/C}$  = 08:19

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

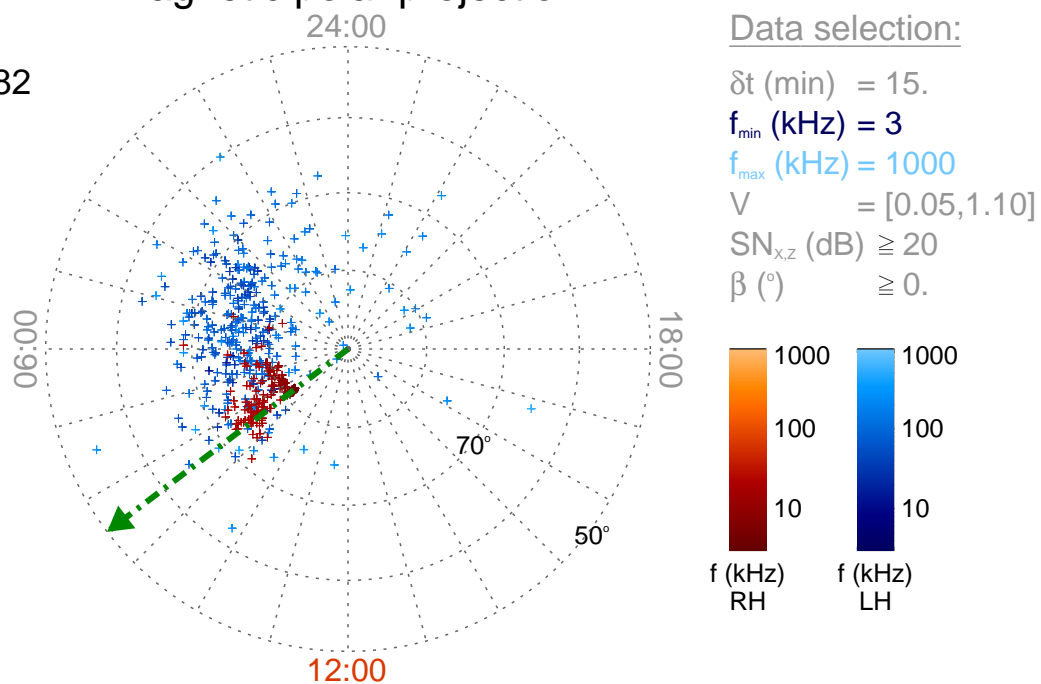
Time : 15:45

$r_{S/C}$  ( $R_s$ ) = 5.51

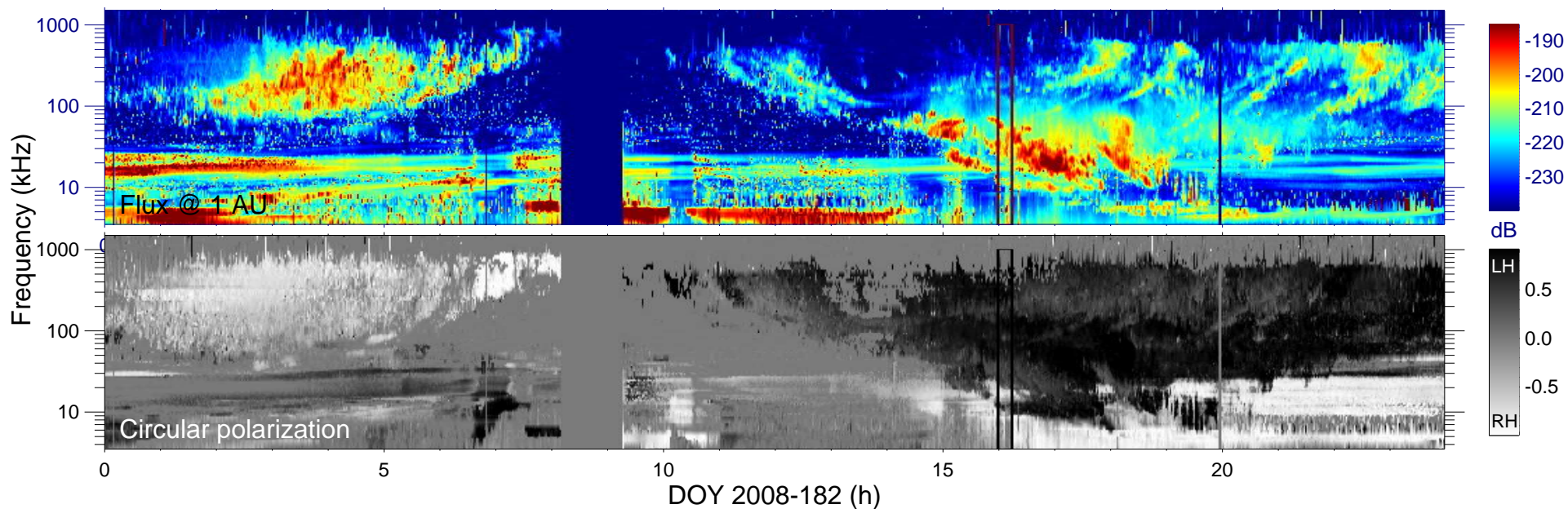
$\lambda_{S/C}$  ( $^\circ$ ) = -64.6

$TL_{S/C}$  = 08:28

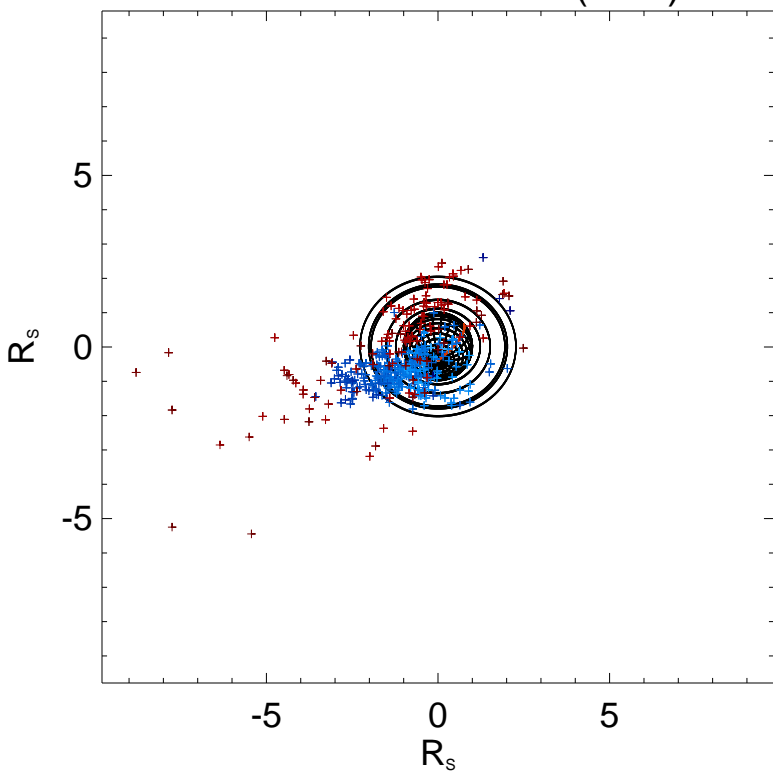
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

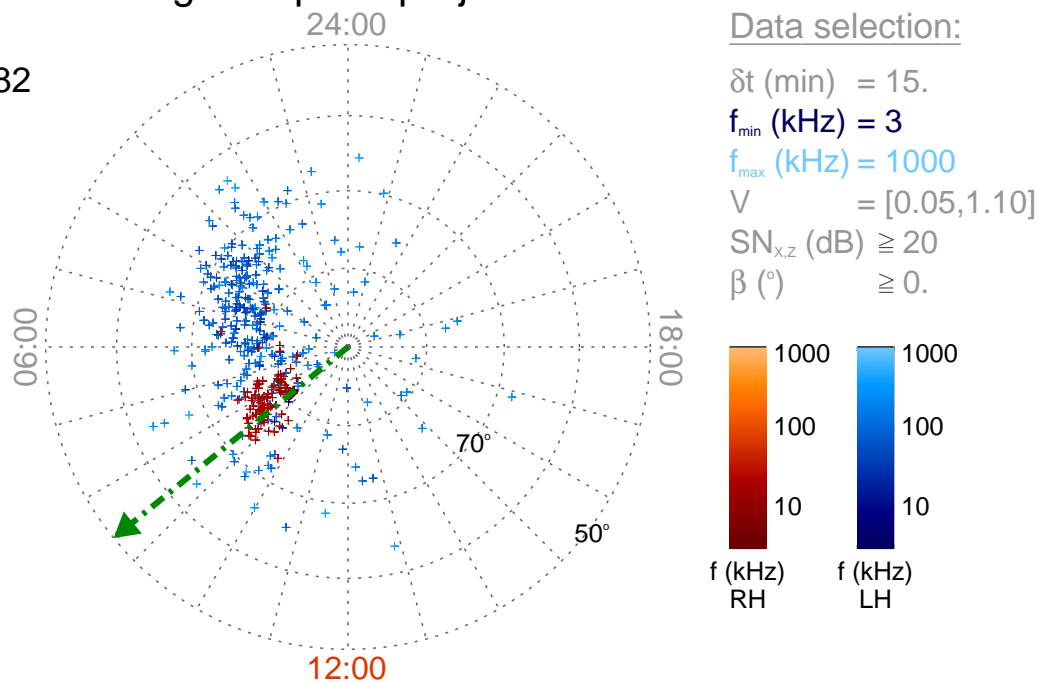
Time : 16:00

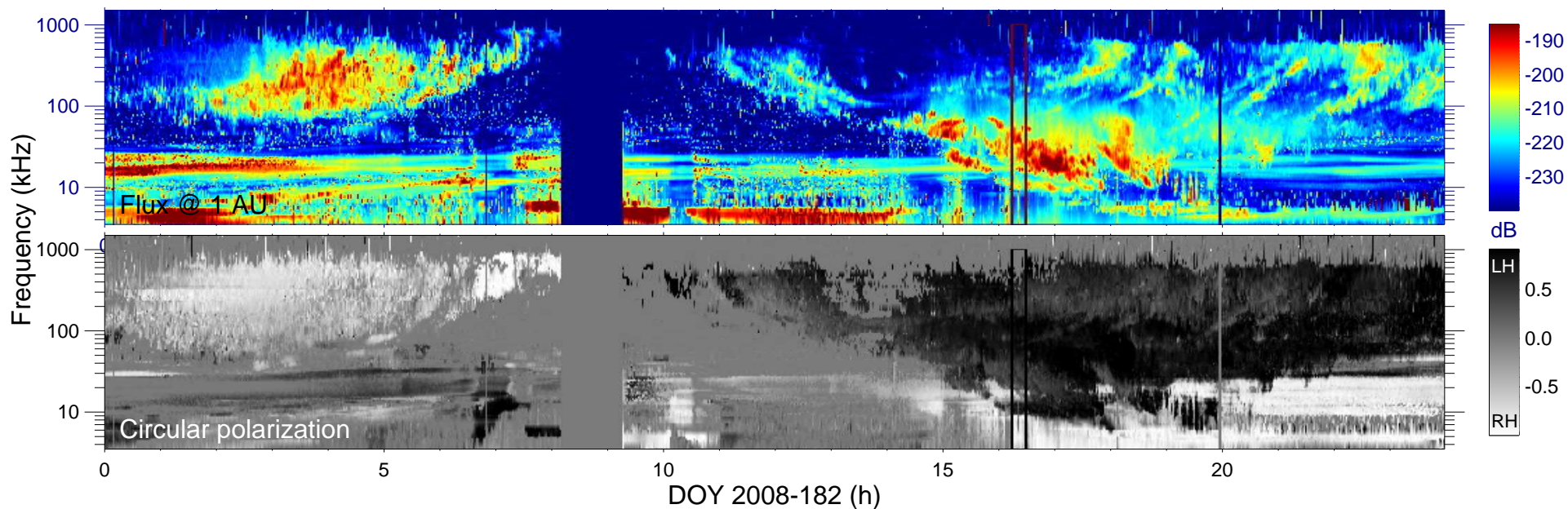
$r_{S/C} (R_s) = 5.64$

$\lambda_{S/C} (^\circ) = -63.5$

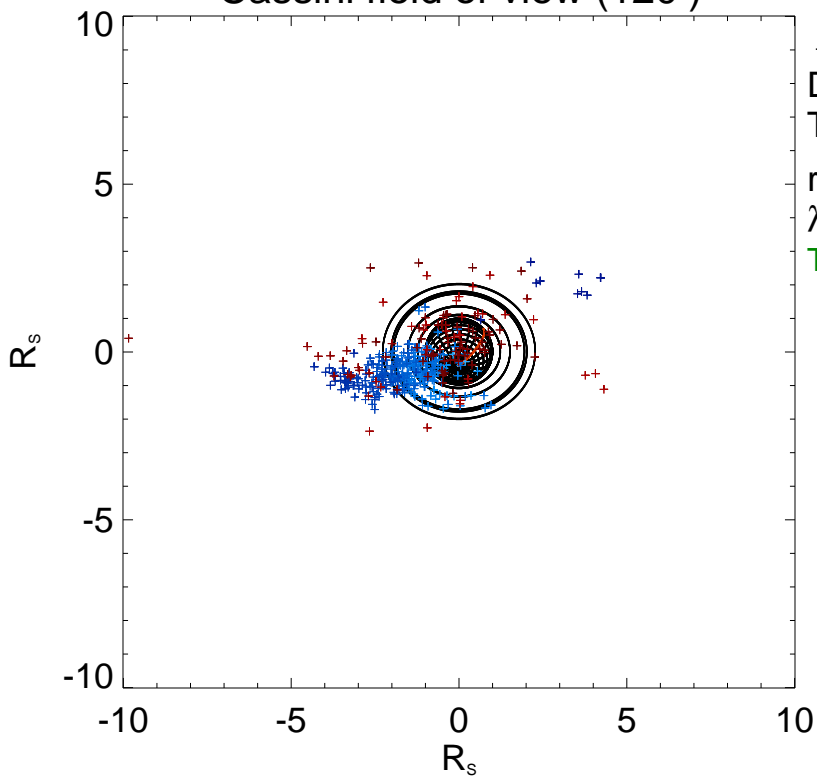
$TL_{S/C} = 08:36$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

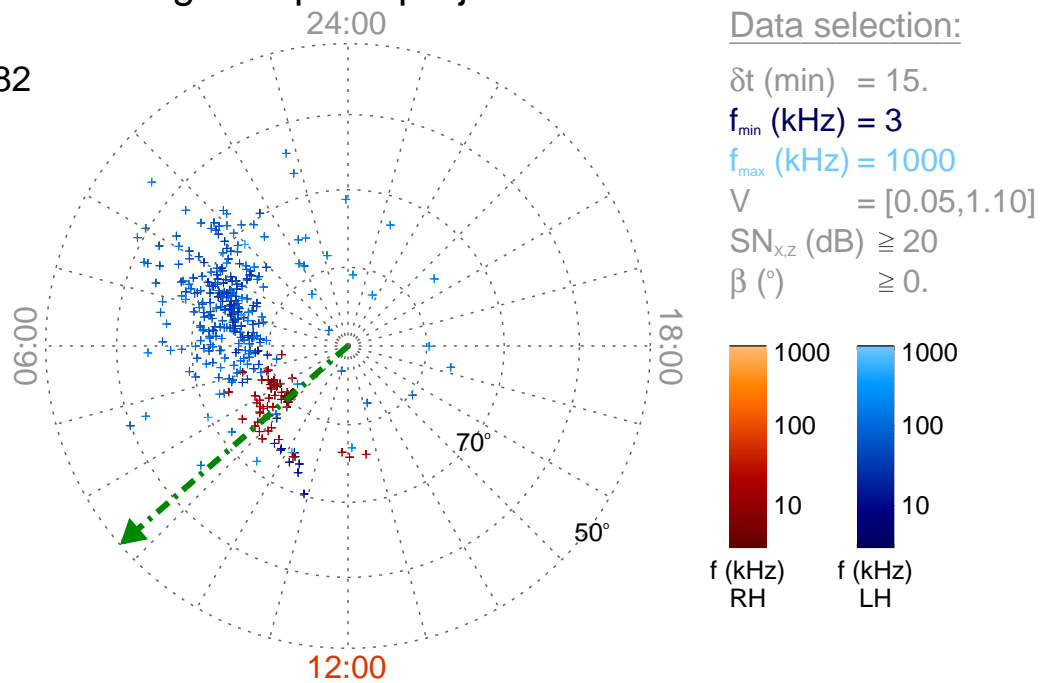
Time : 16:15

$r_{S/C} (R_s) = 5.77$

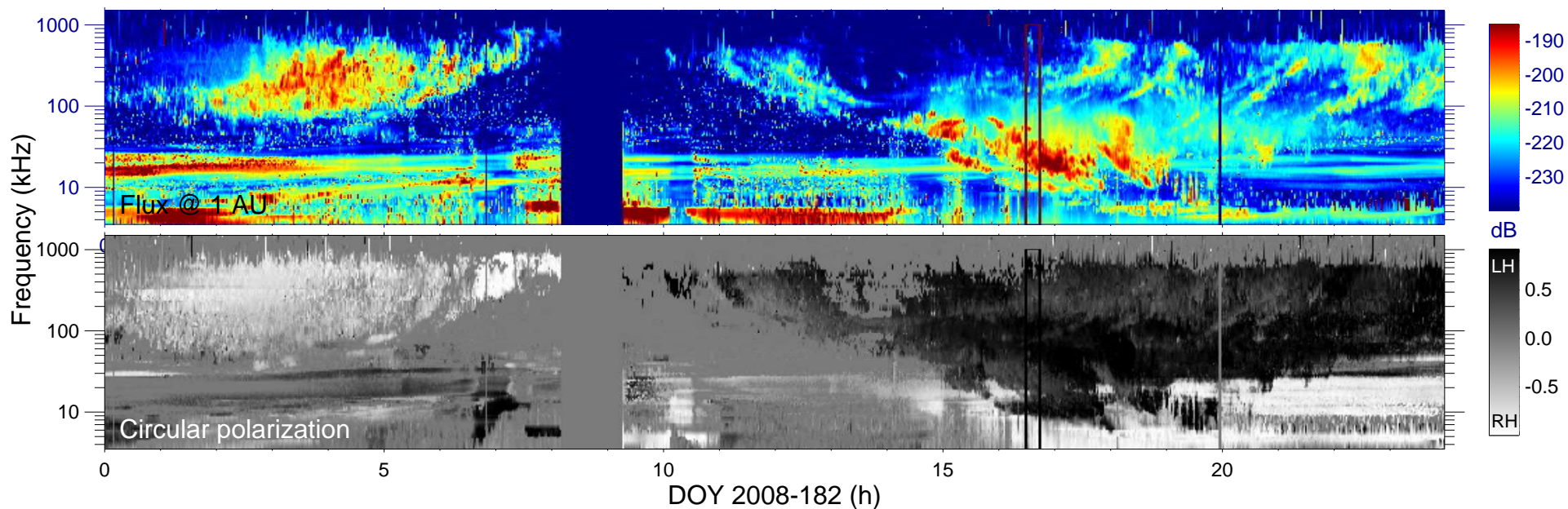
$\lambda_{S/C} (^\circ) = -62.2$

$TL_{S/C} = 08:44$

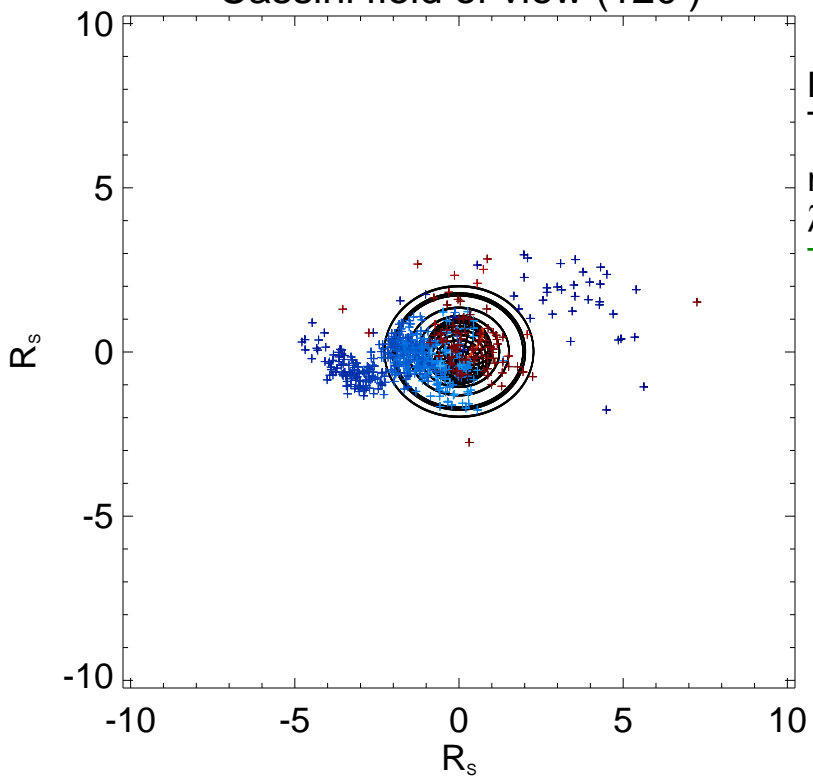
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

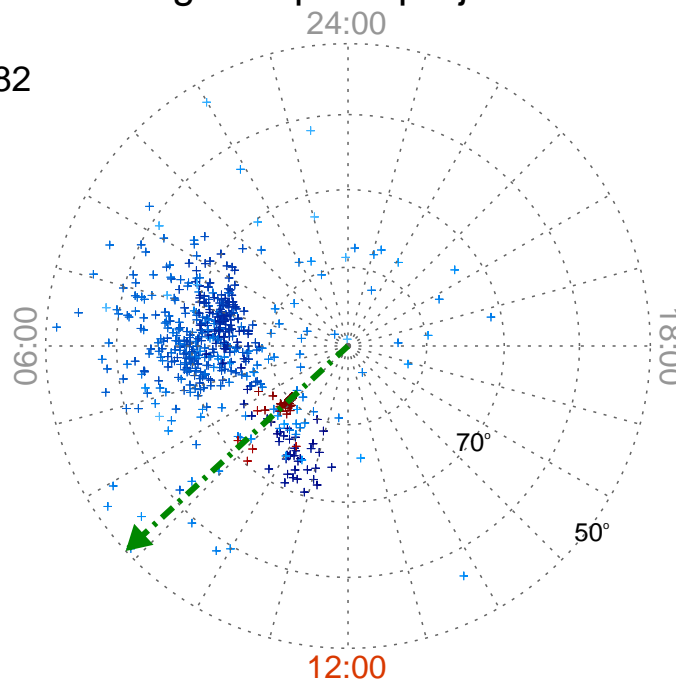
Time : 16:30

$r_{S/C} (R_s) = 5.90$

$\lambda_{S/C} (^\circ) = -61.1$

$TL_{S/C} = 08:50$

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

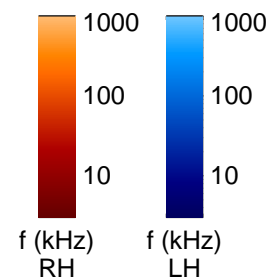
$f_{\min}$  (kHz) = 3

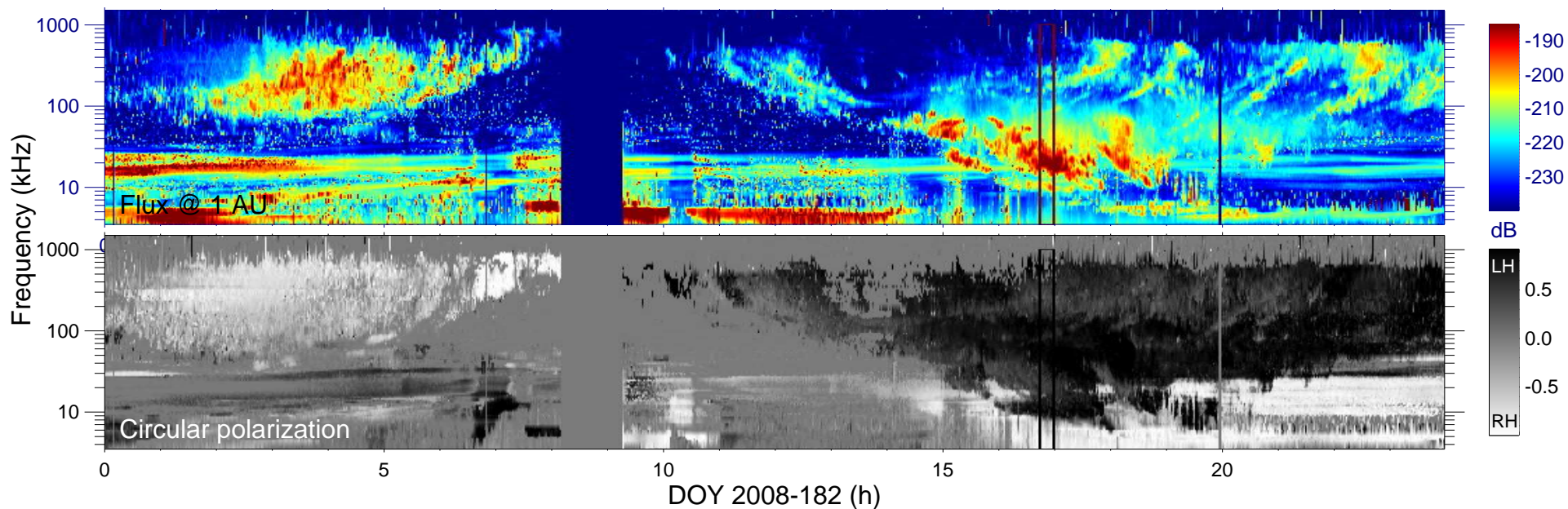
$f_{\max}$  (kHz) = 1000

$V = [0.05, 1.10]$

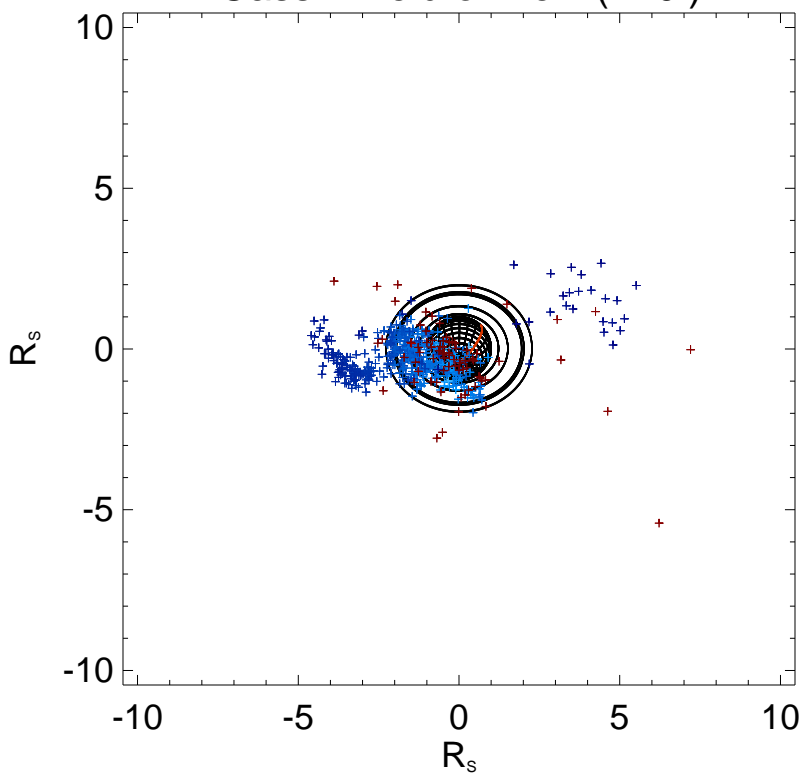
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

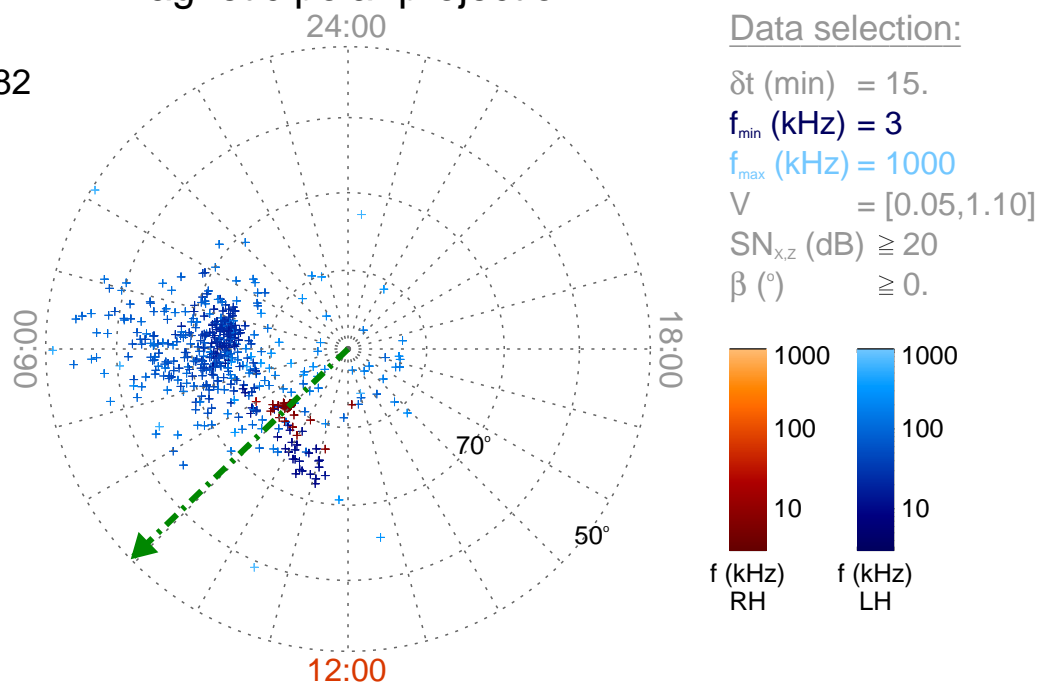
Time : 16:45

$r_{S/C}$  ( $R_s$ ) = 6.02

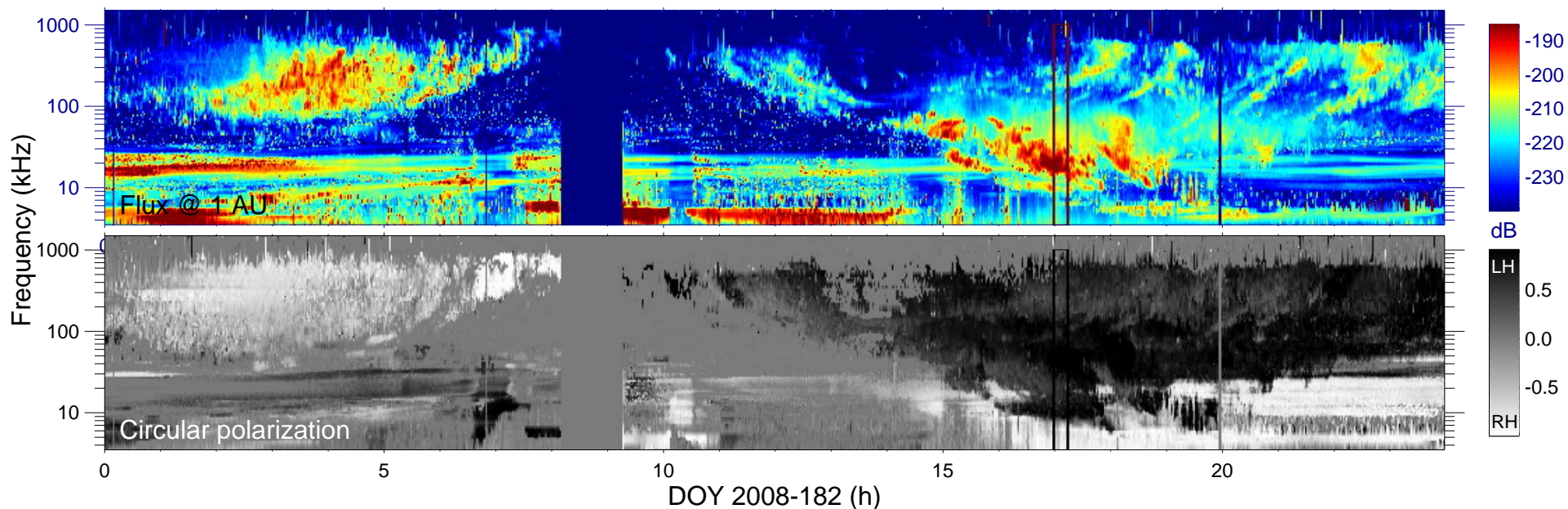
$\lambda_{S/C}$  ( $^\circ$ ) = -60.0

$TL_{S/C}$  = 08:56

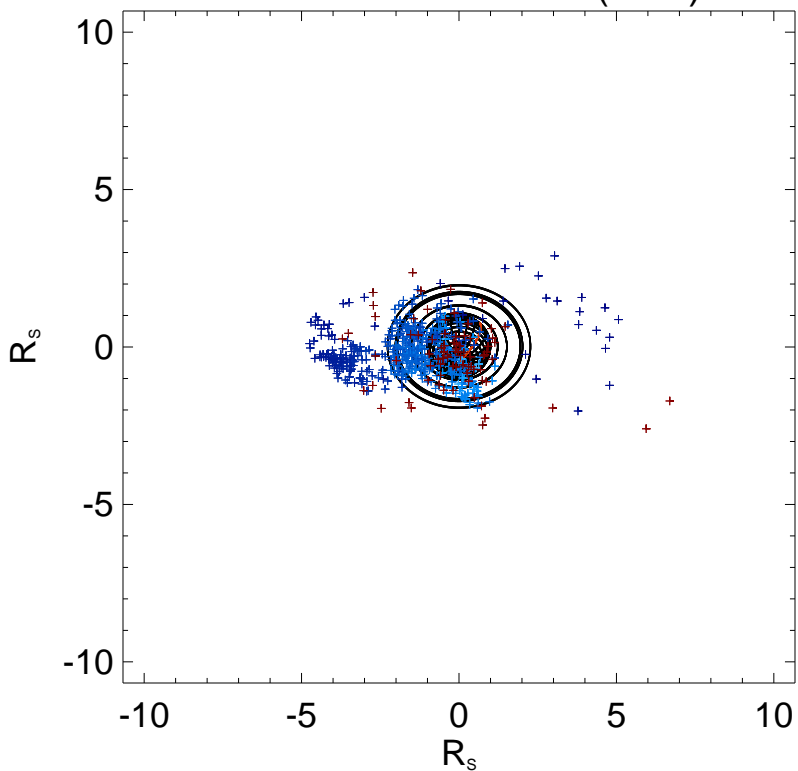
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

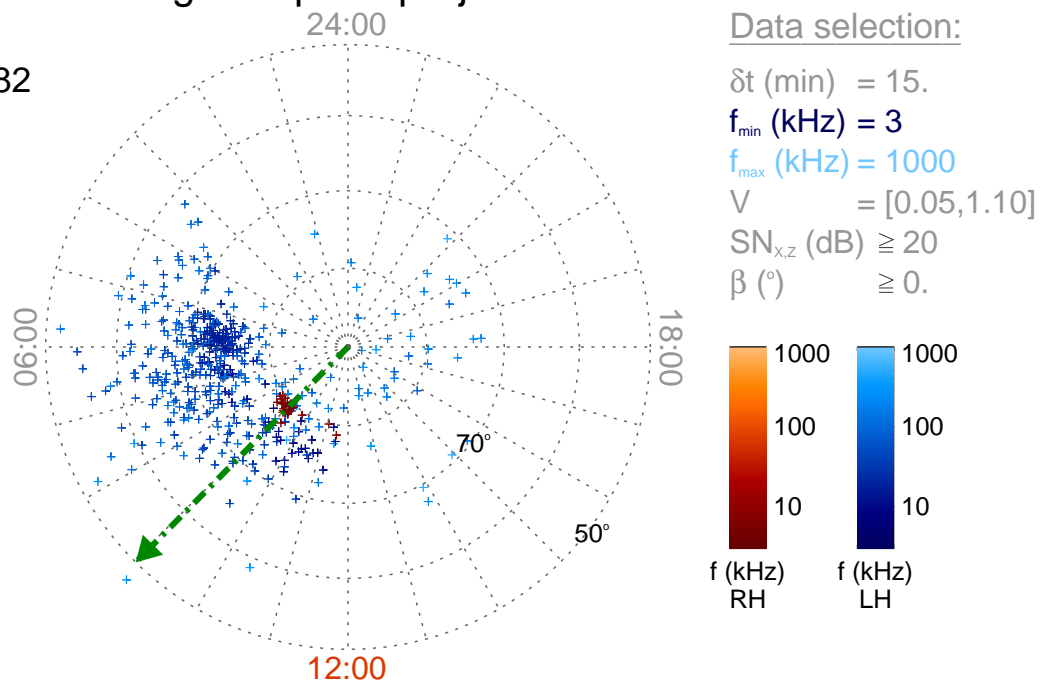
Time : 17:00

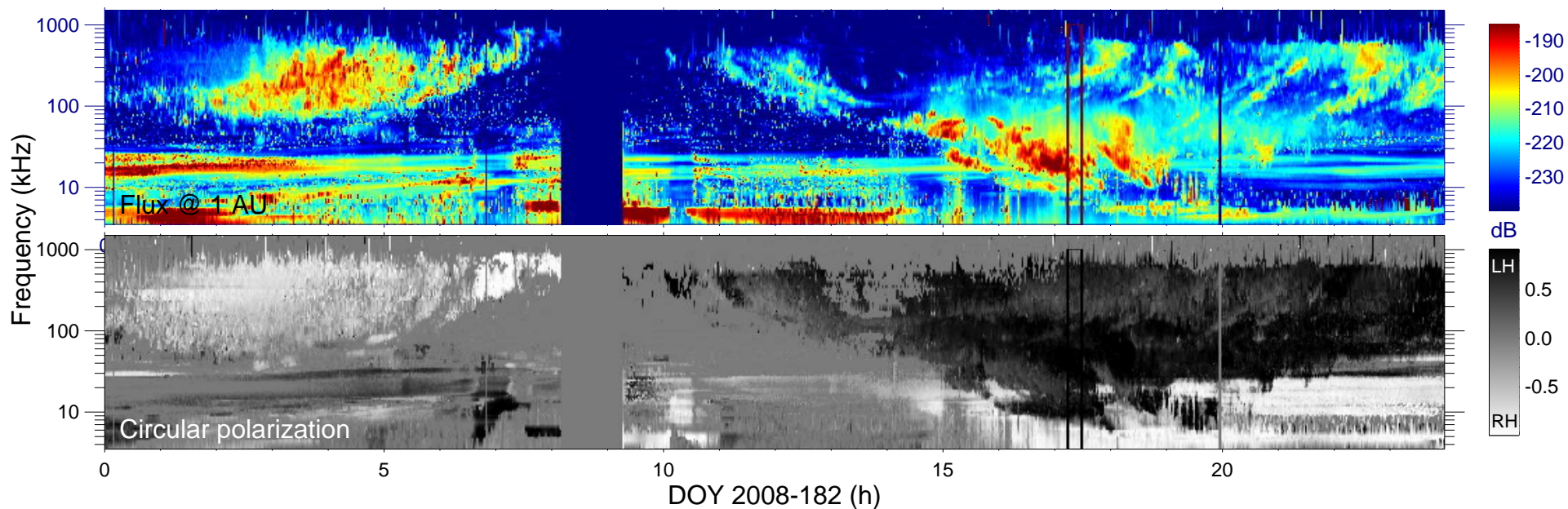
$r_{S/C}$  ( $R_s$ ) = 6.15

$\lambda_{S/C}$  ( $^\circ$ ) = -58.9

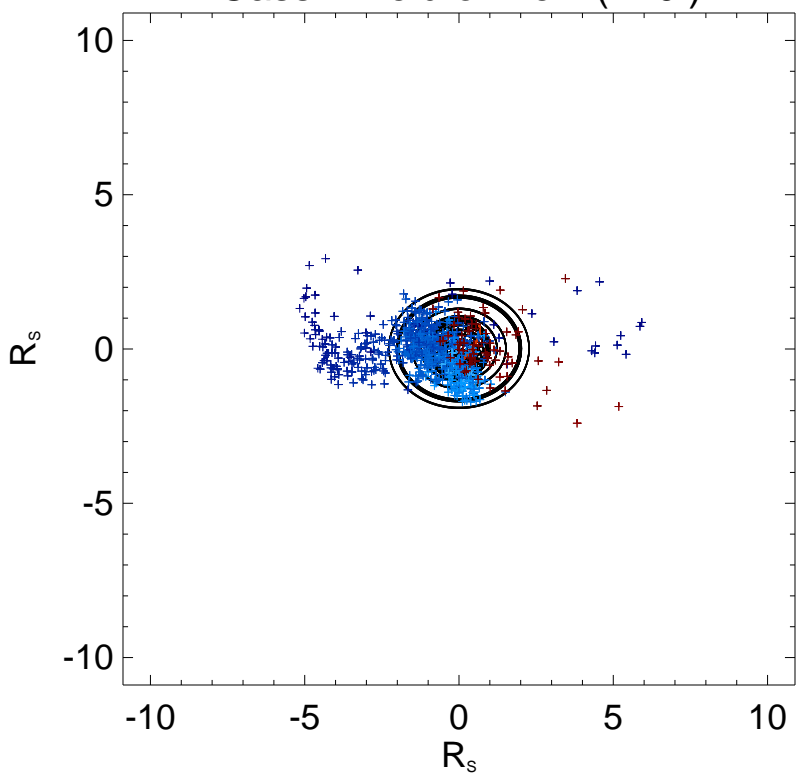
$TL_{S/C}$  = 09:01

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

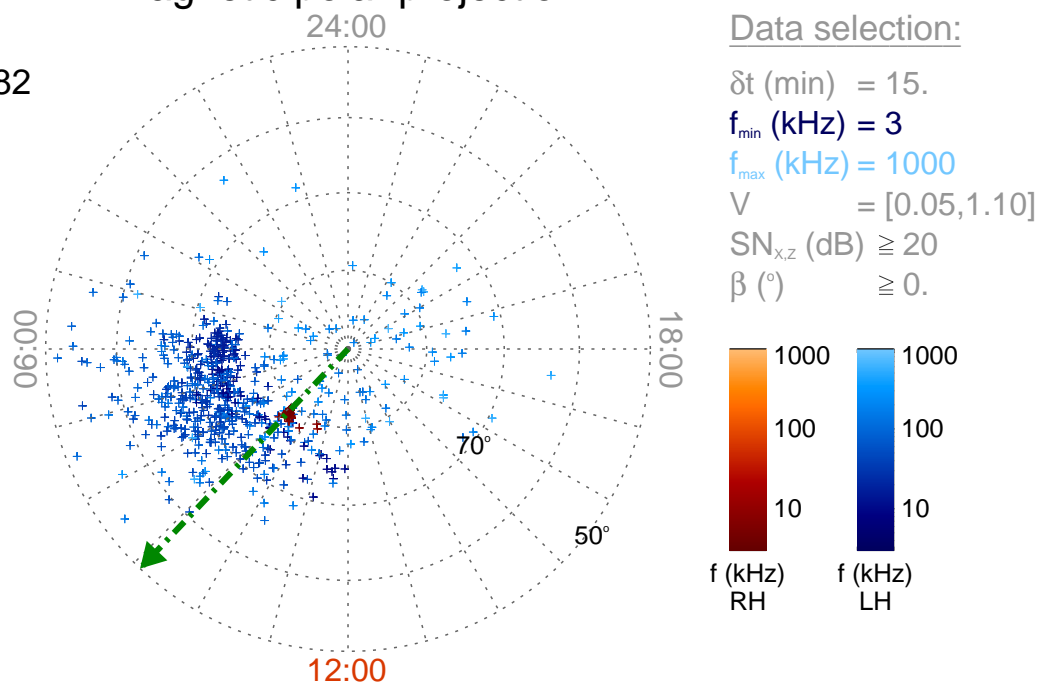
Time : 17:15

$r_{S/C}$  ( $R_s$ ) = 6.28

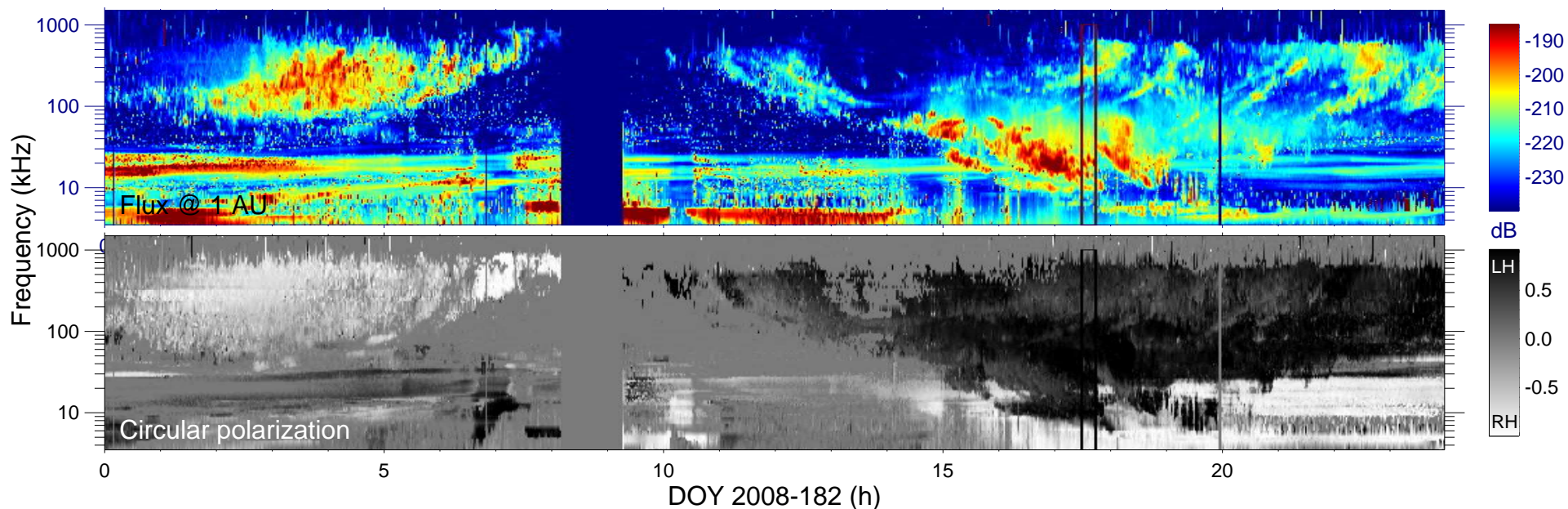
$\lambda_{S/C}$  ( $^\circ$ ) = -57.9

$TL_{S/C}$  = 09:06

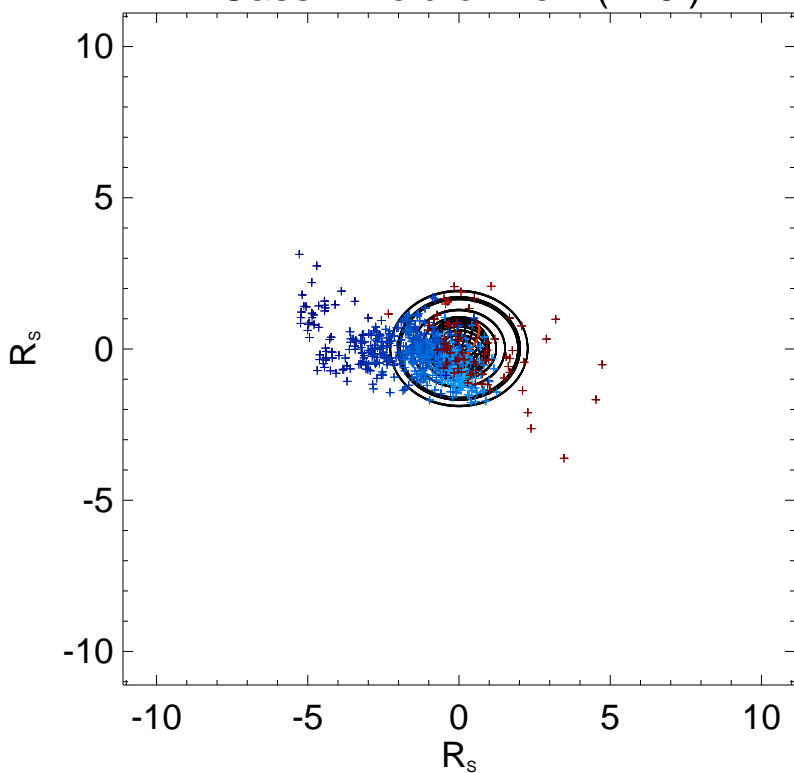
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

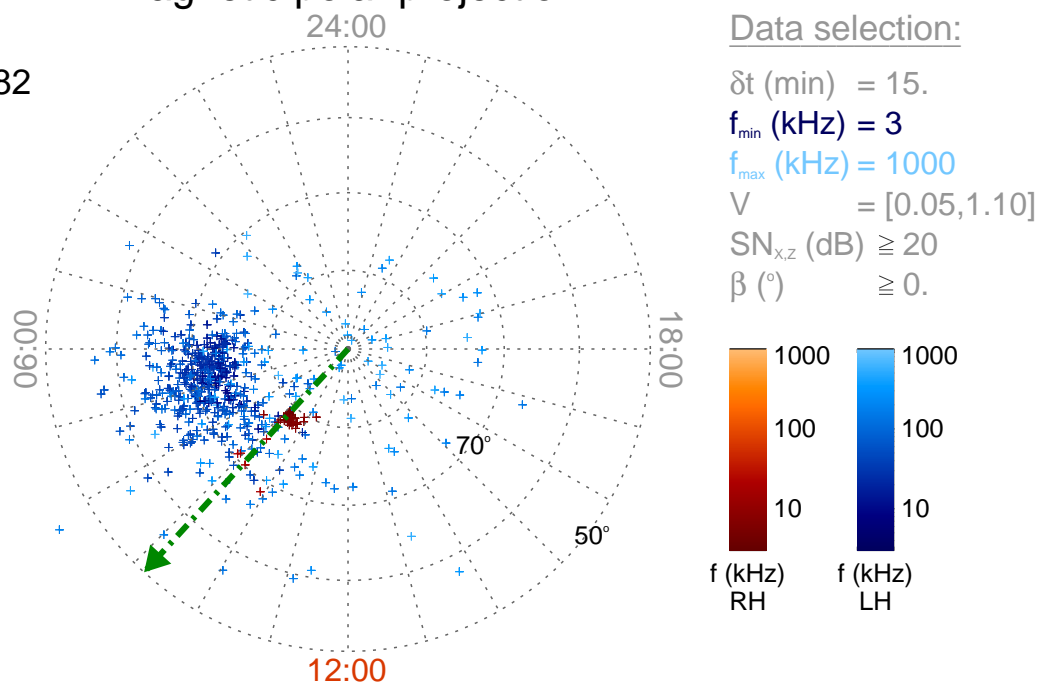
Time : 17:30

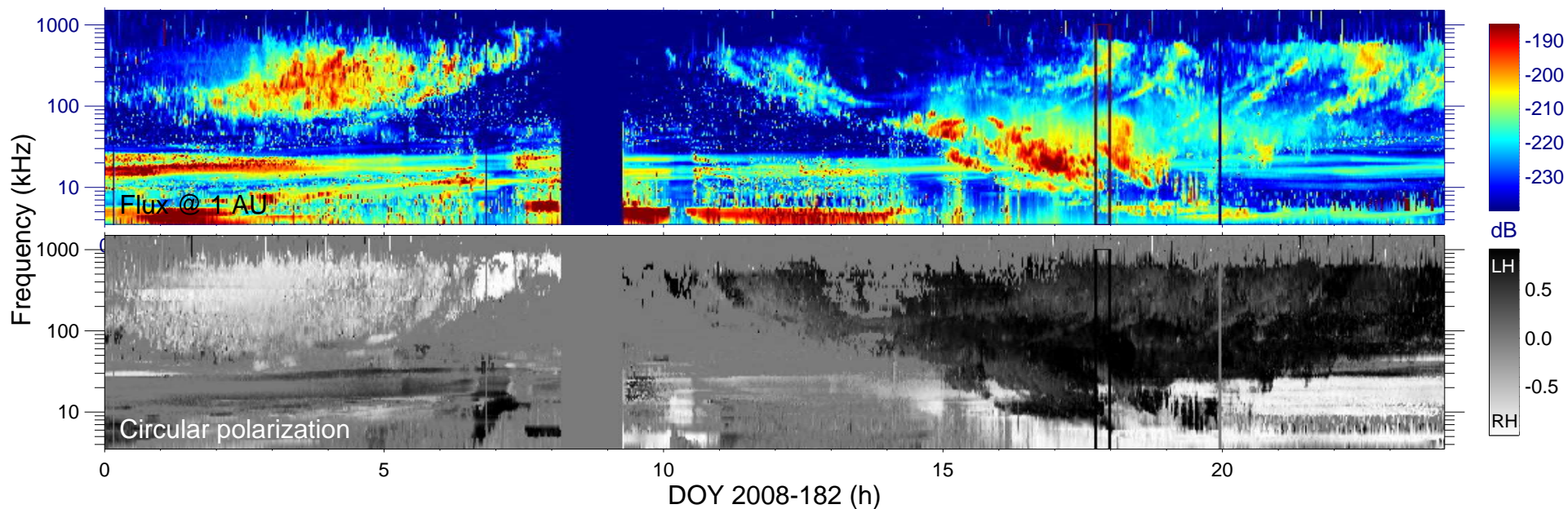
$r_{S/C}$  ( $R_s$ ) = 6.40

$\lambda_{S/C}$  ( $^\circ$ ) = -56.9

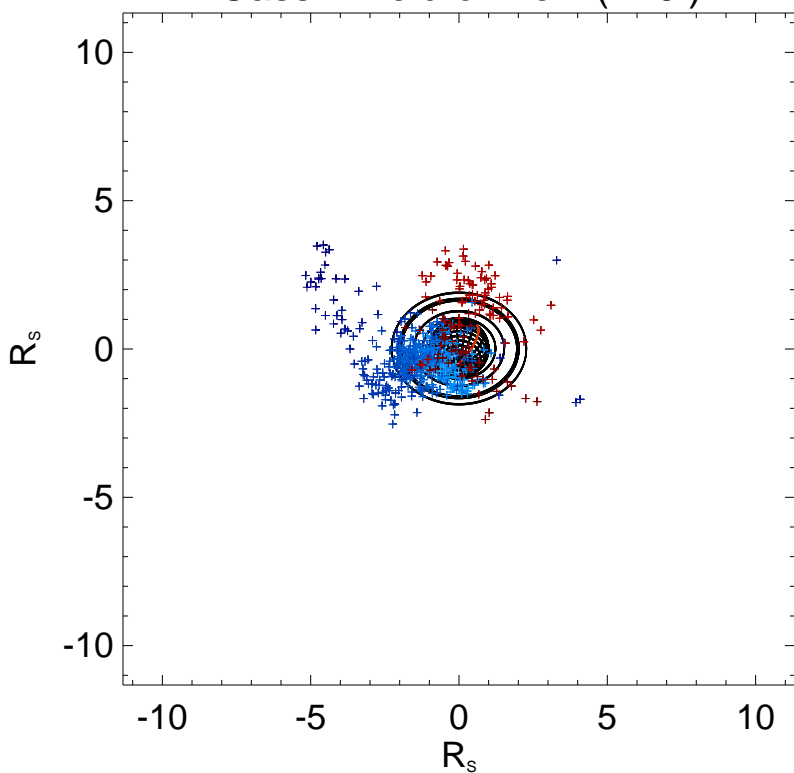
$TL_{S/C}$  = 09:10

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

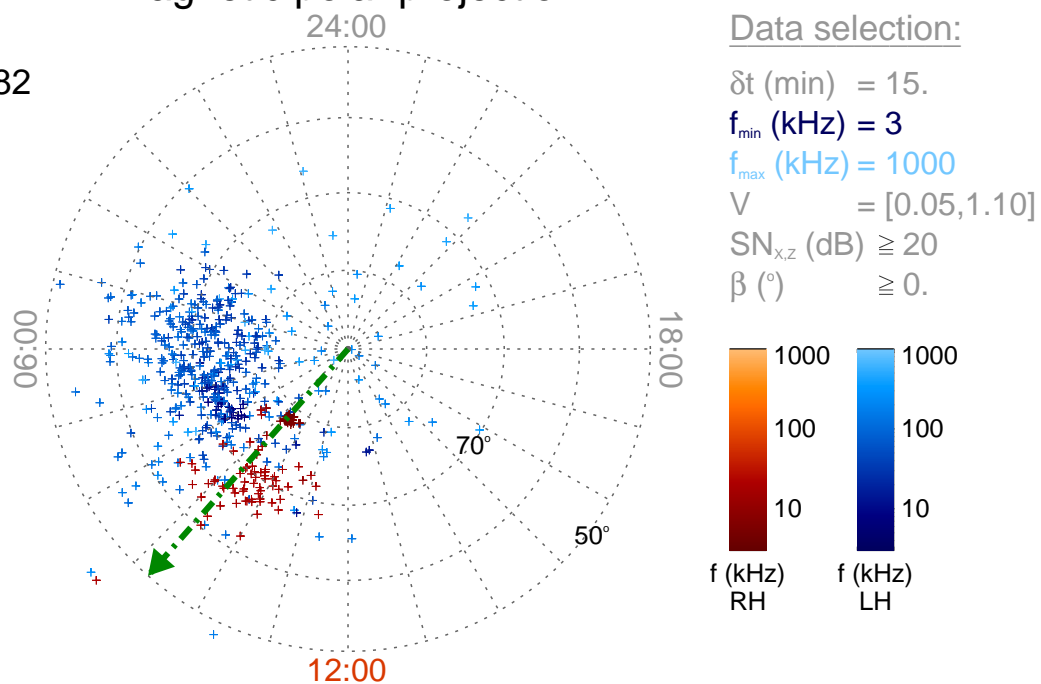
Time : 17:45

$r_{S/C}$  ( $R_s$ ) = 6.53

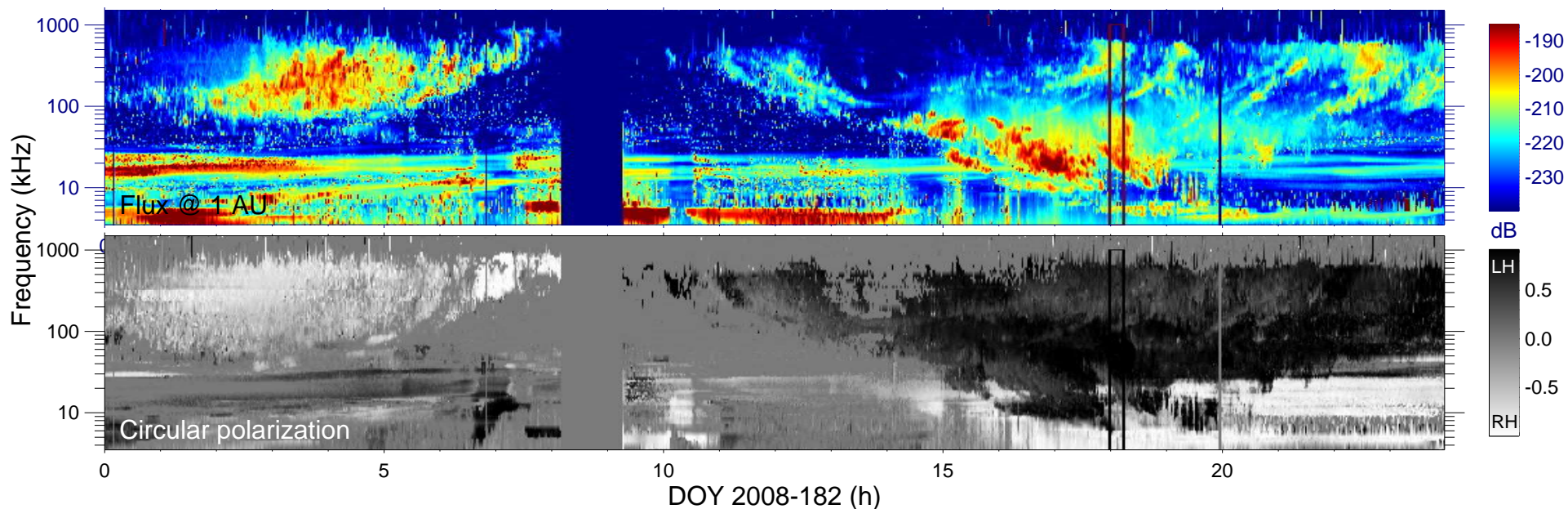
$\lambda_{S/C}$  ( $^\circ$ ) = -55.9

$TL_{S/C}$  = 09:14

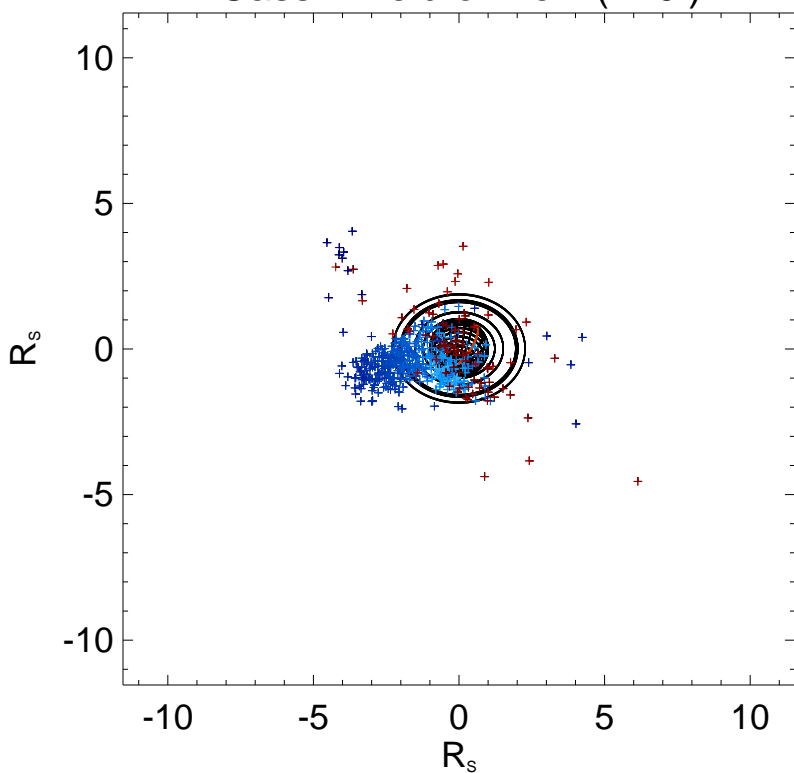
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

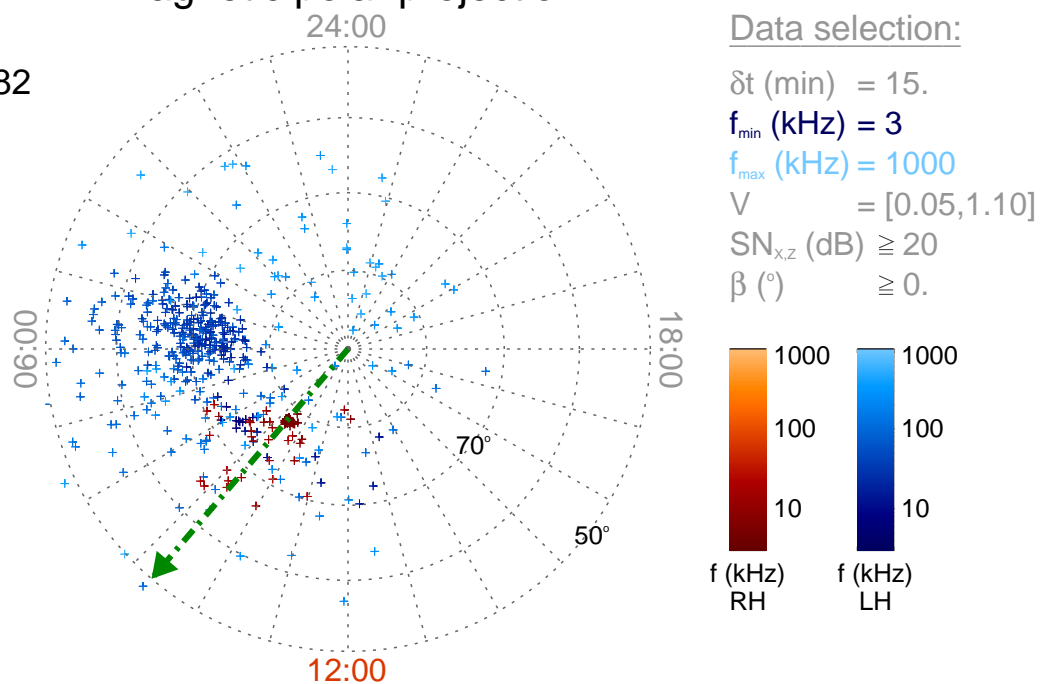
Time : 18:00

$r_{S/C}$  ( $R_s$ ) = 6.66

$\lambda_{S/C}$  ( $^\circ$ ) = -54.9

$TL_{S/C}$  = 09:17

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

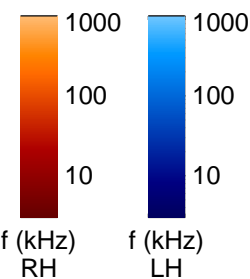
$f_{min}$  (kHz) = 3

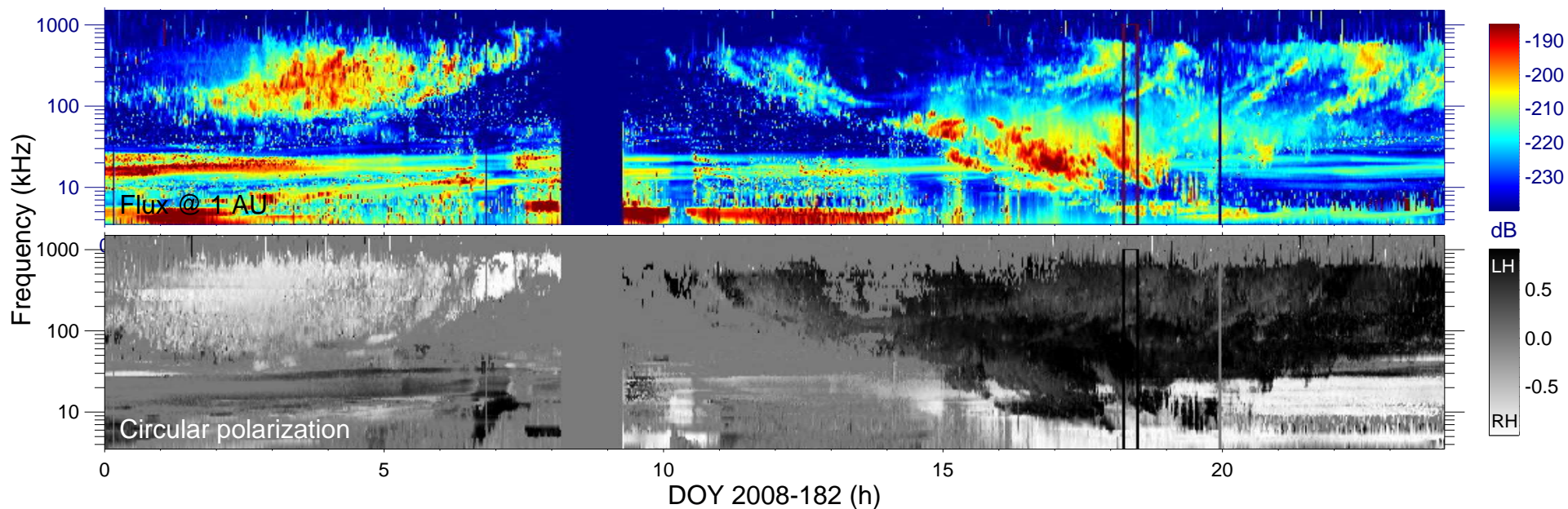
$f_{max}$  (kHz) = 1000

$V$  = [0.05, 1.10]

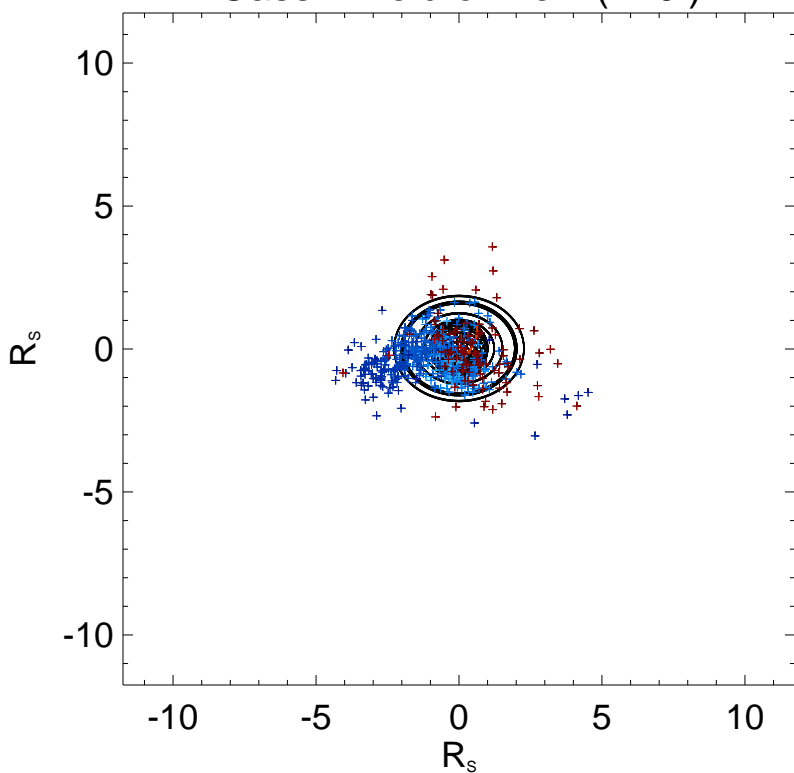
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

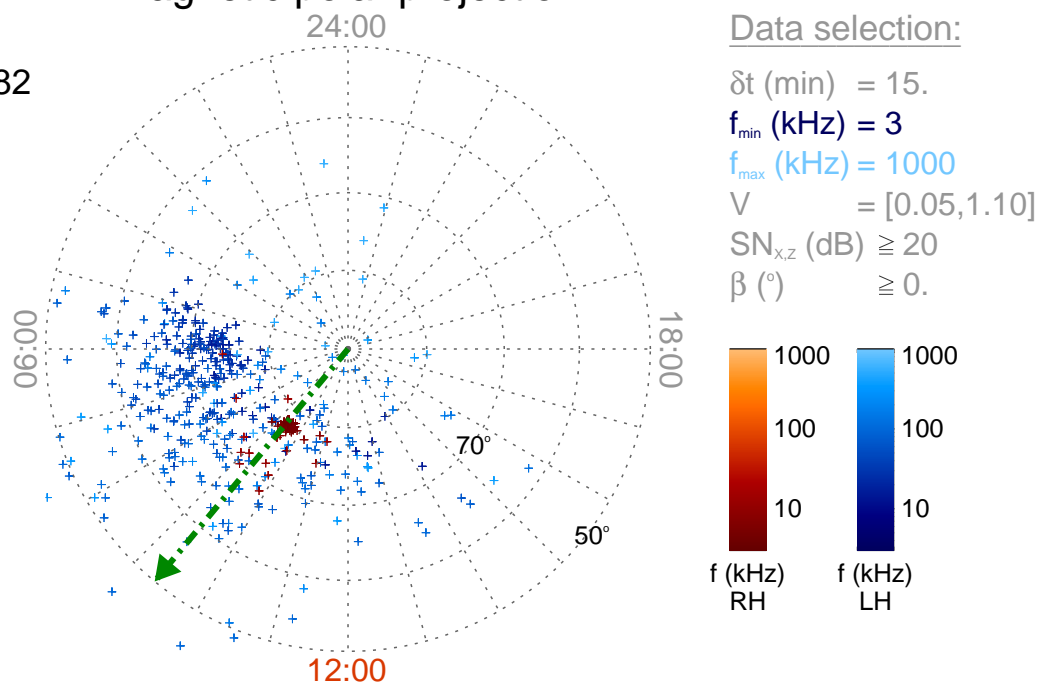
Time : 18:15

$r_{S/C}$  ( $R_s$ ) = 6.77

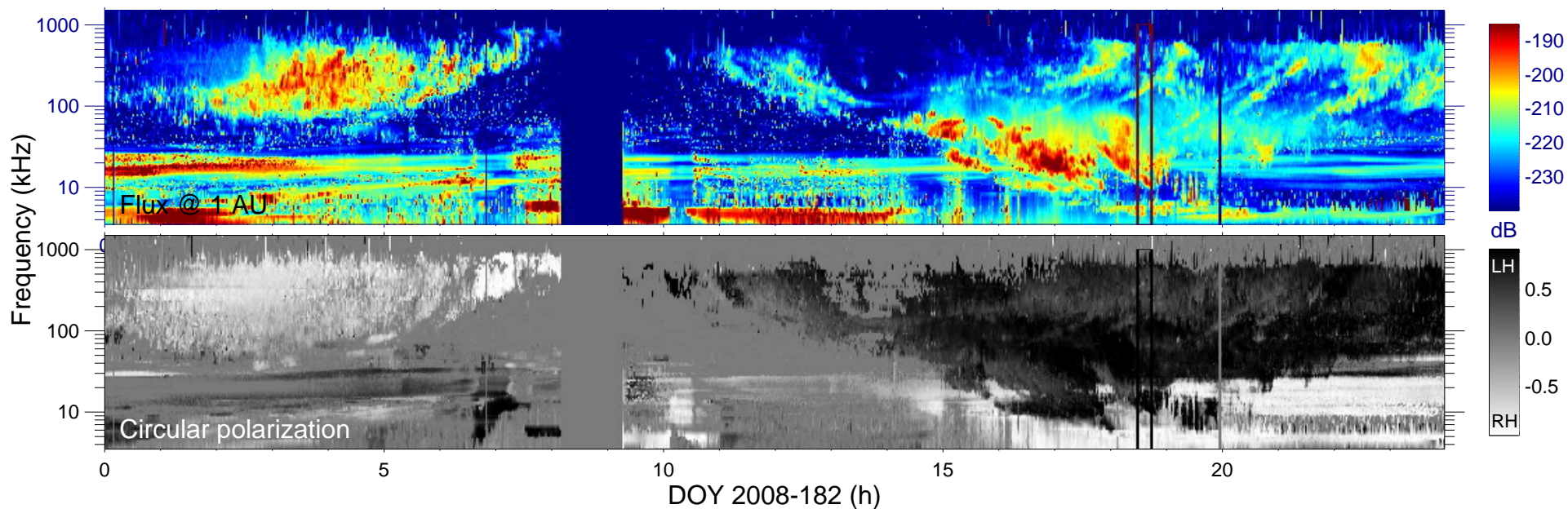
$\lambda_{S/C}$  ( $^\circ$ ) = -54.0

$TL_{S/C}$  = 09:21

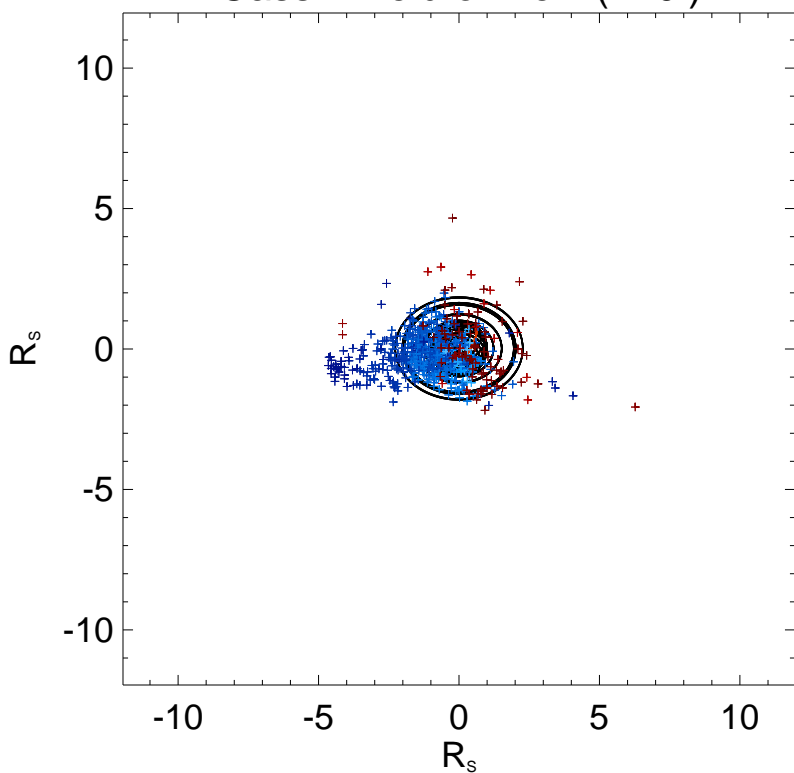
Magnetic polar projection







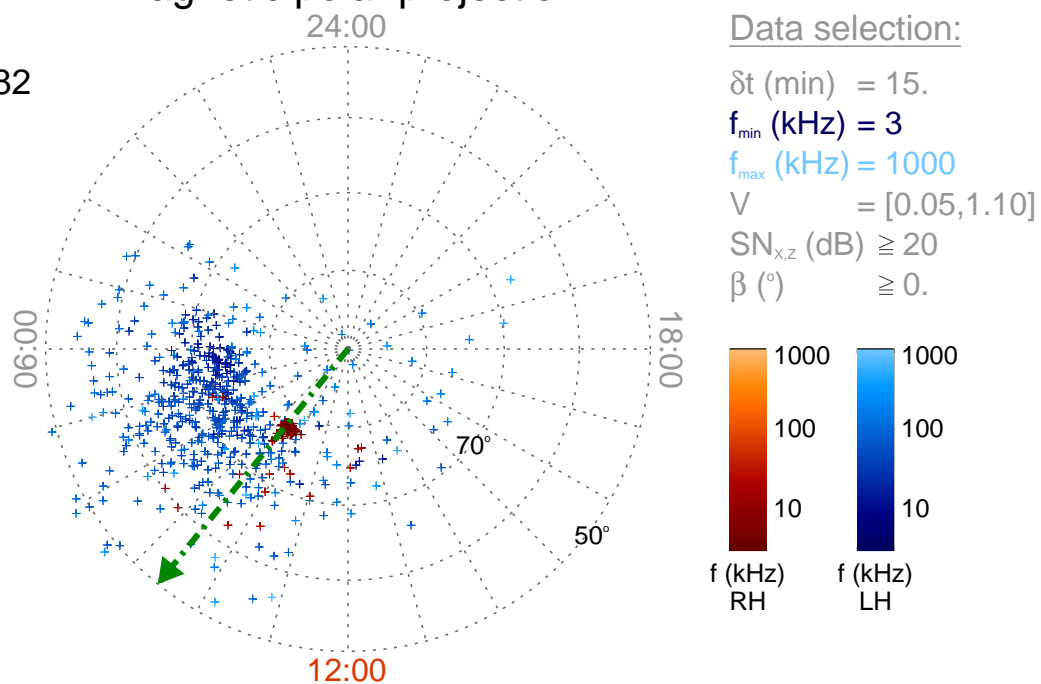
Cassini field of view ( $120^\circ$ )

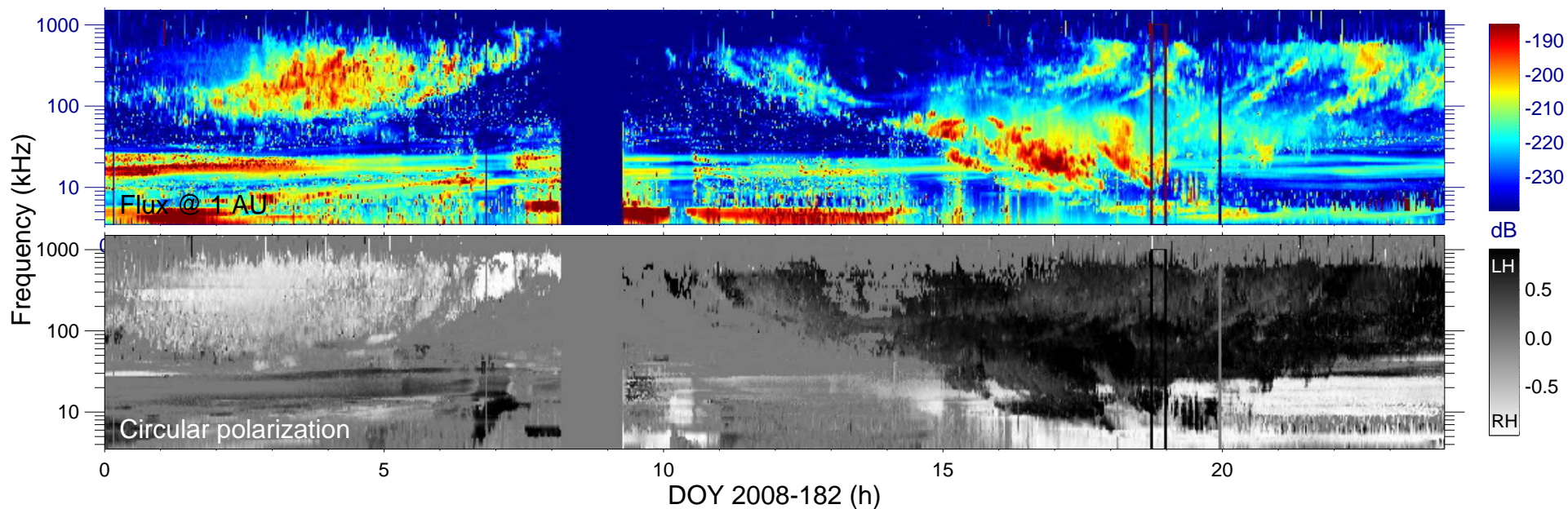


Ephemeris:

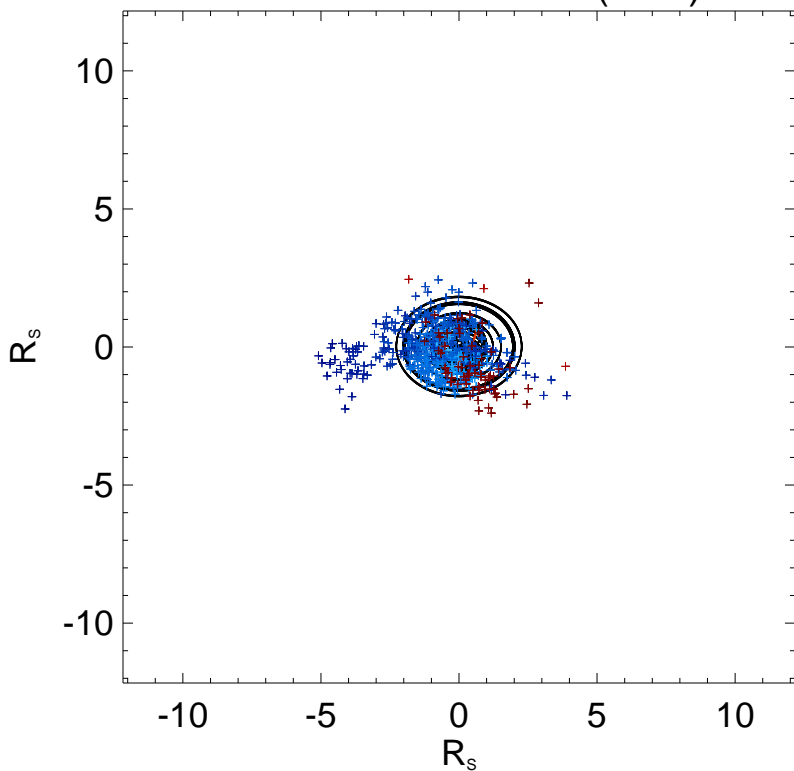
Day : 2008-182  
 Time : 18:30  
 $r_{S/C} (R_s) = 6.90$   
 $\lambda_{S/C} (^\circ) = -53.1$   
 $TL_{S/C} = 09:24$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

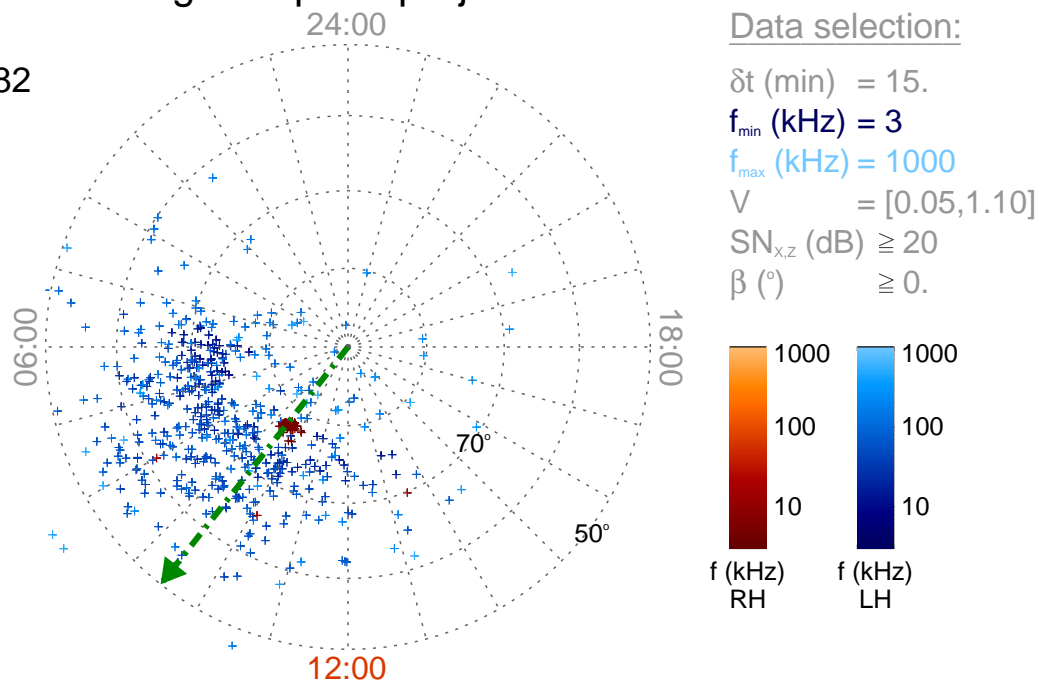
Time : 18:45

$r_{S/C} (R_s) = 7.02$

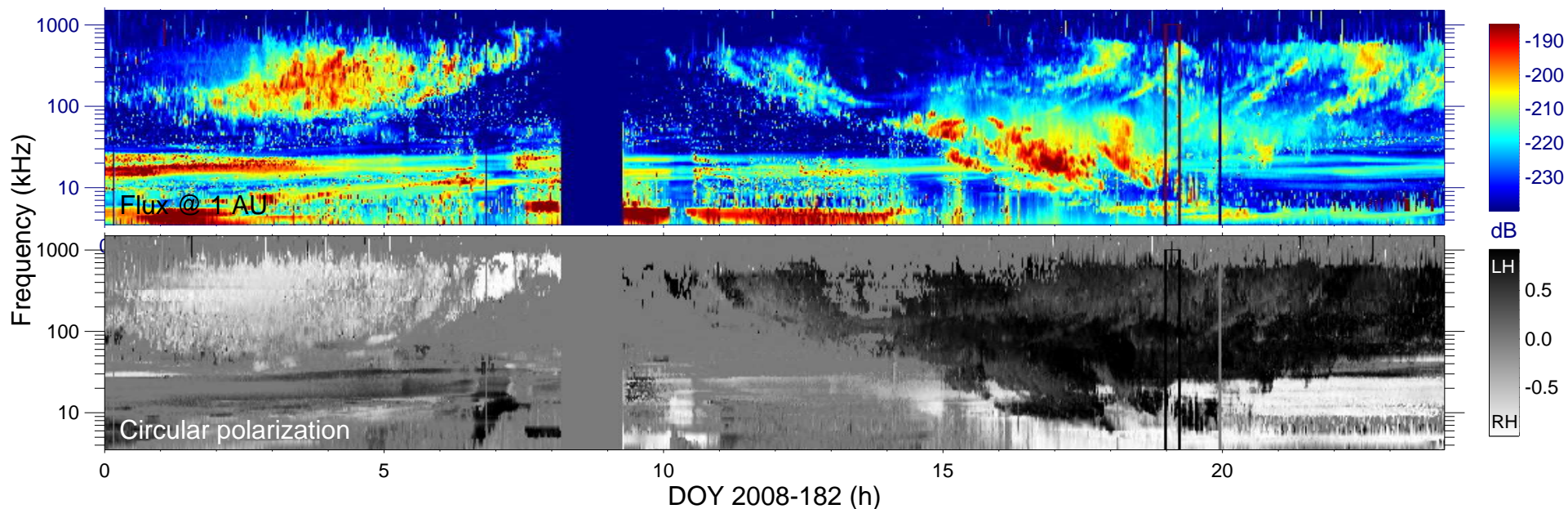
$\lambda_{S/C} (^\circ) = -52.2$

$TL_{S/C} = 09:26$

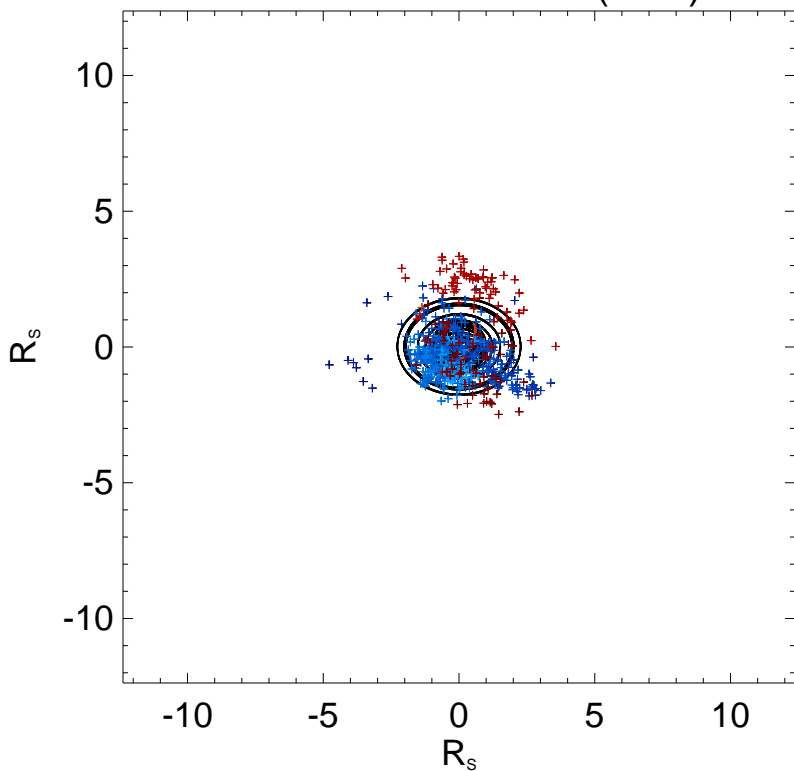
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

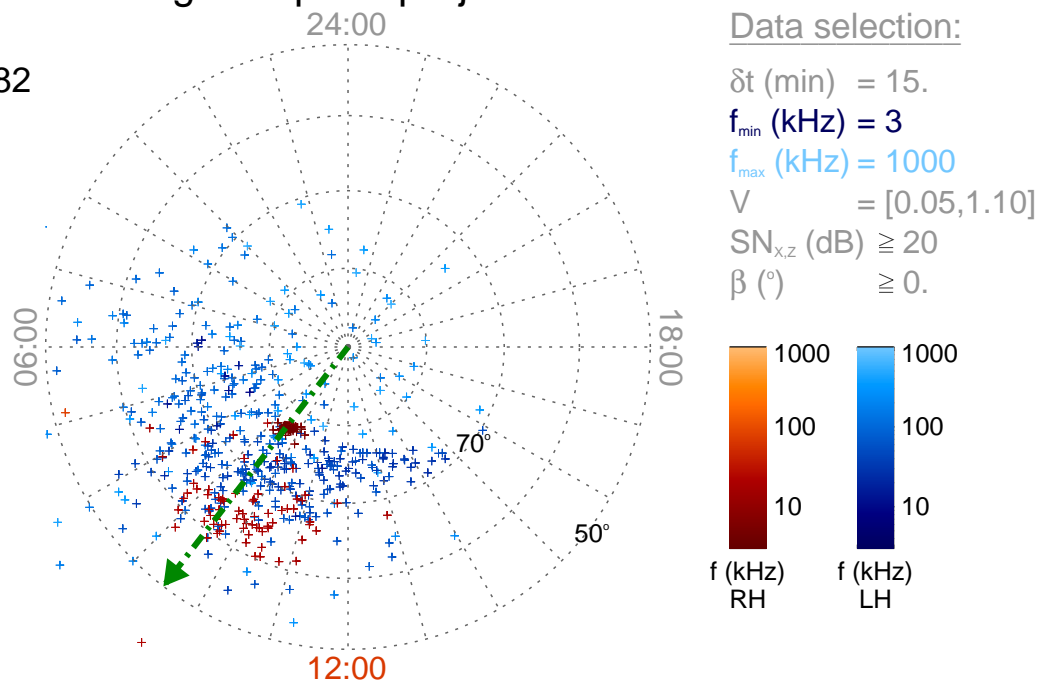
Time : 19:00

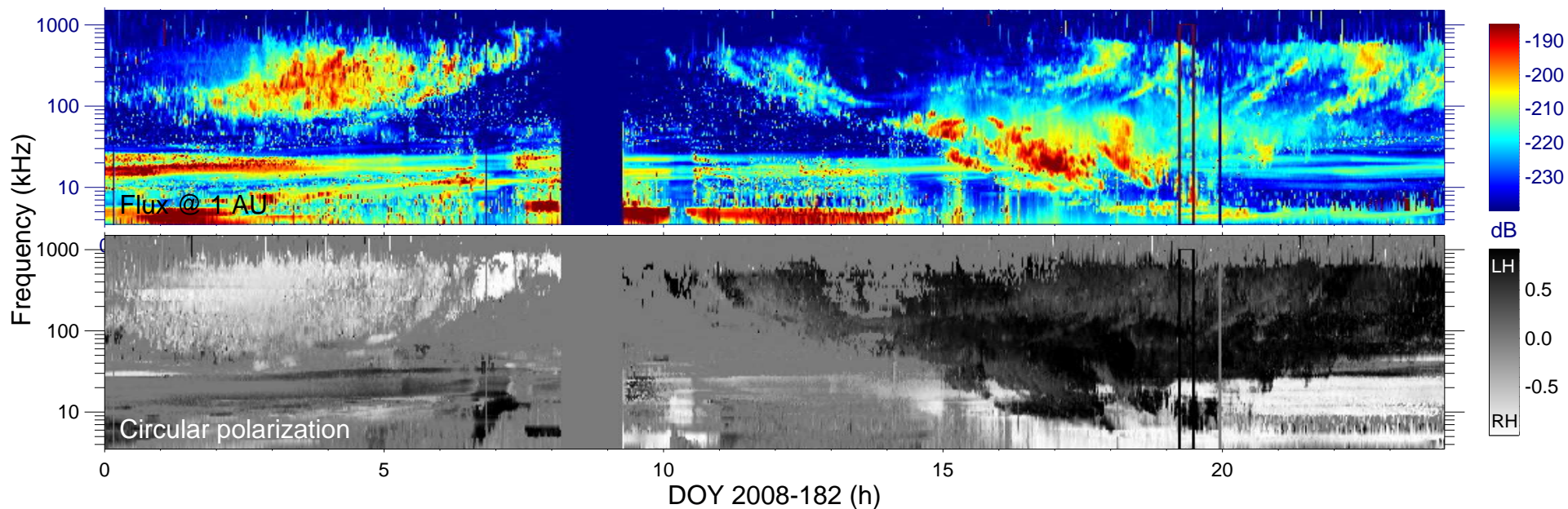
$r_{S/C} (R_s) = 7.14$

$\lambda_{S/C} (^\circ) = -51.4$

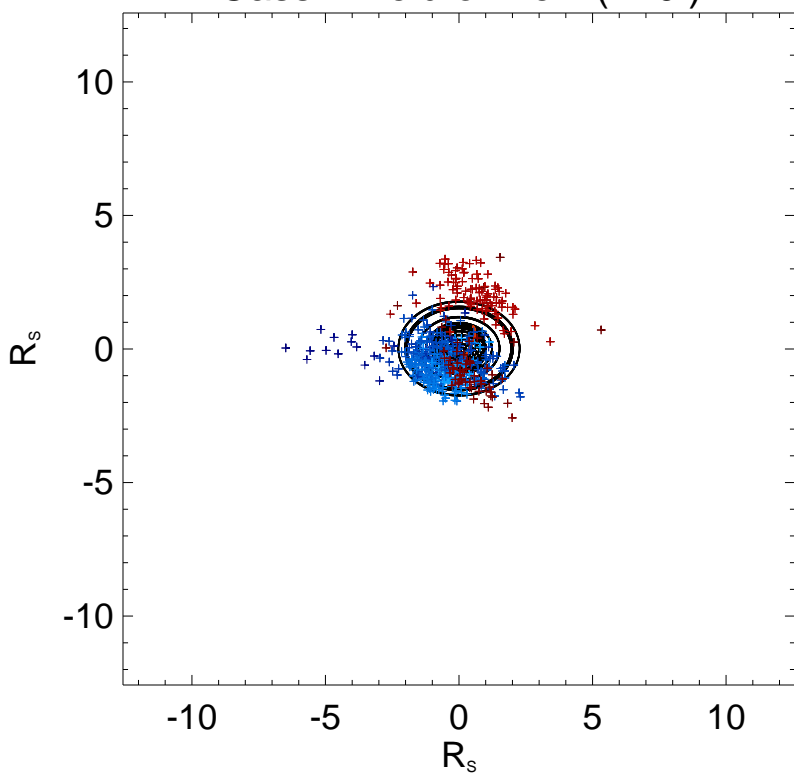
$TL_{S/C} = 09:29$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

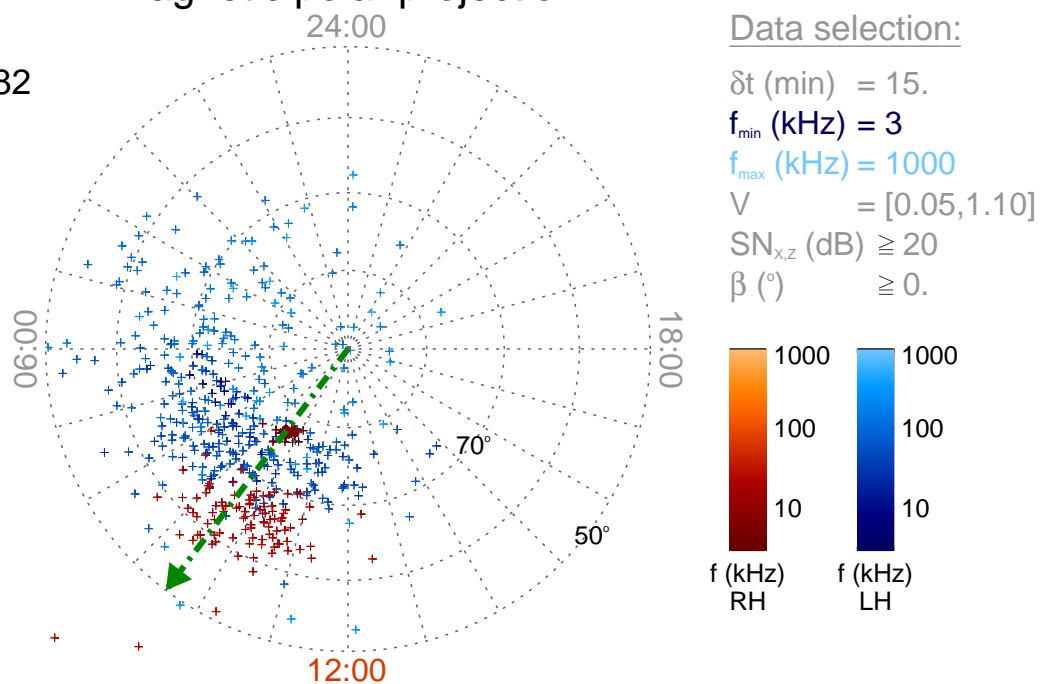
Time : 19:15

$r_{S/C}$  ( $R_s$ ) = 7.26

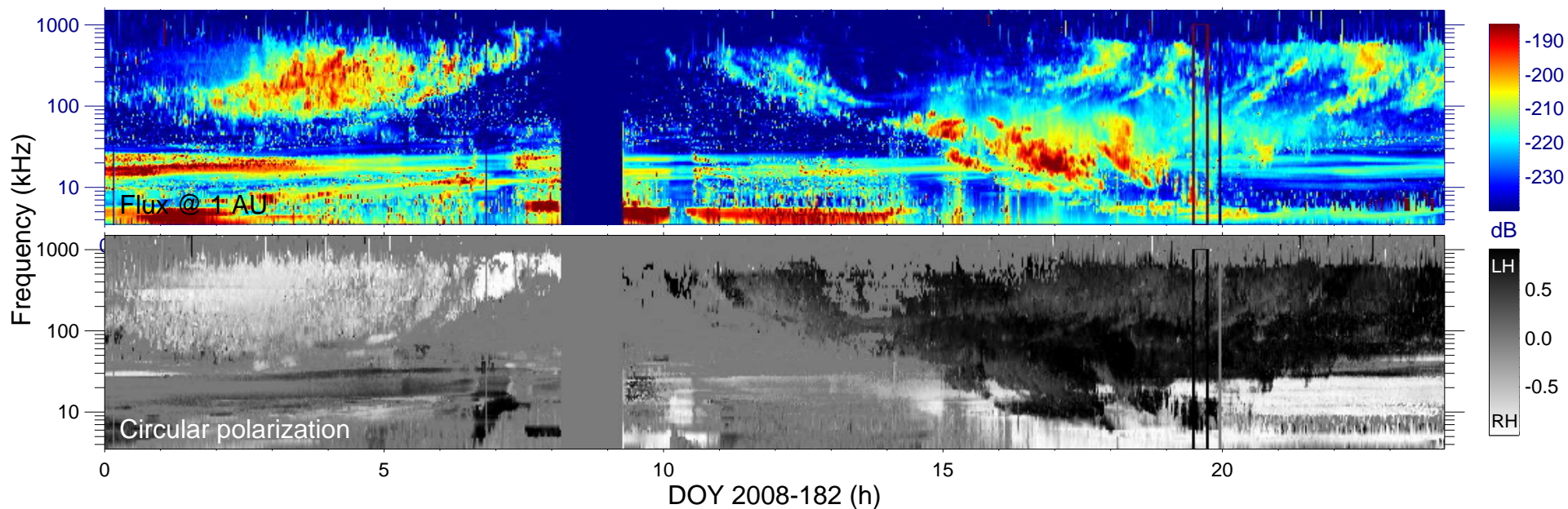
$\lambda_{S/C}$  ( $^\circ$ ) = -50.6

$TL_{S/C}$  = 09:31

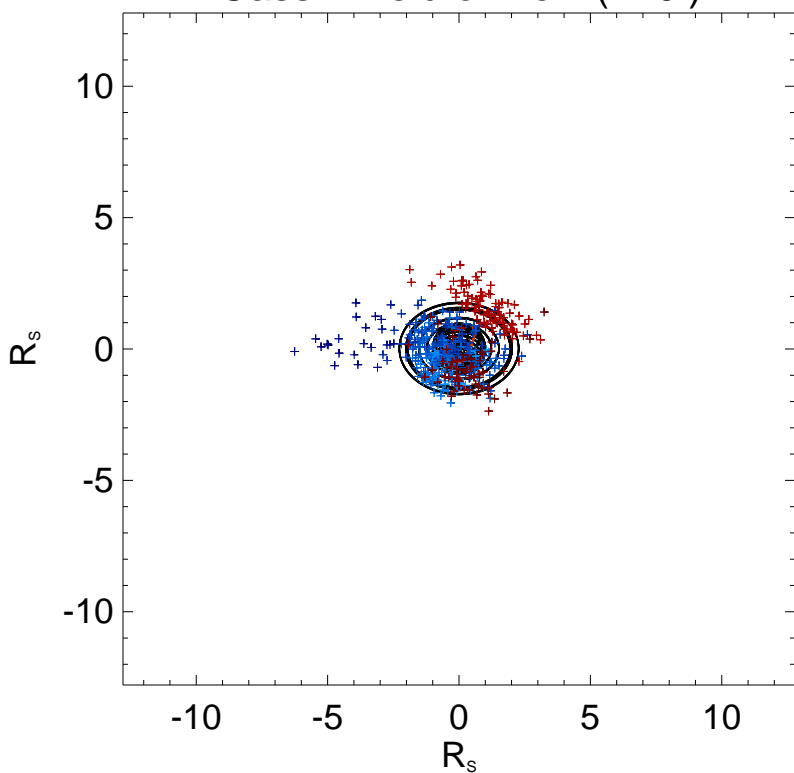
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

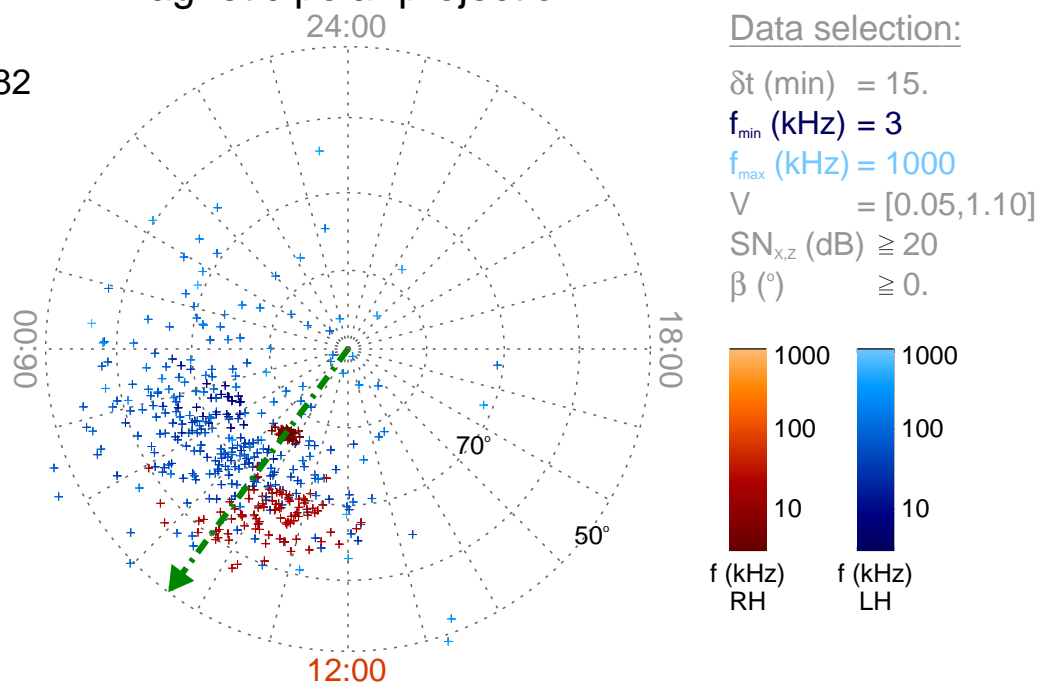
Time : 19:30

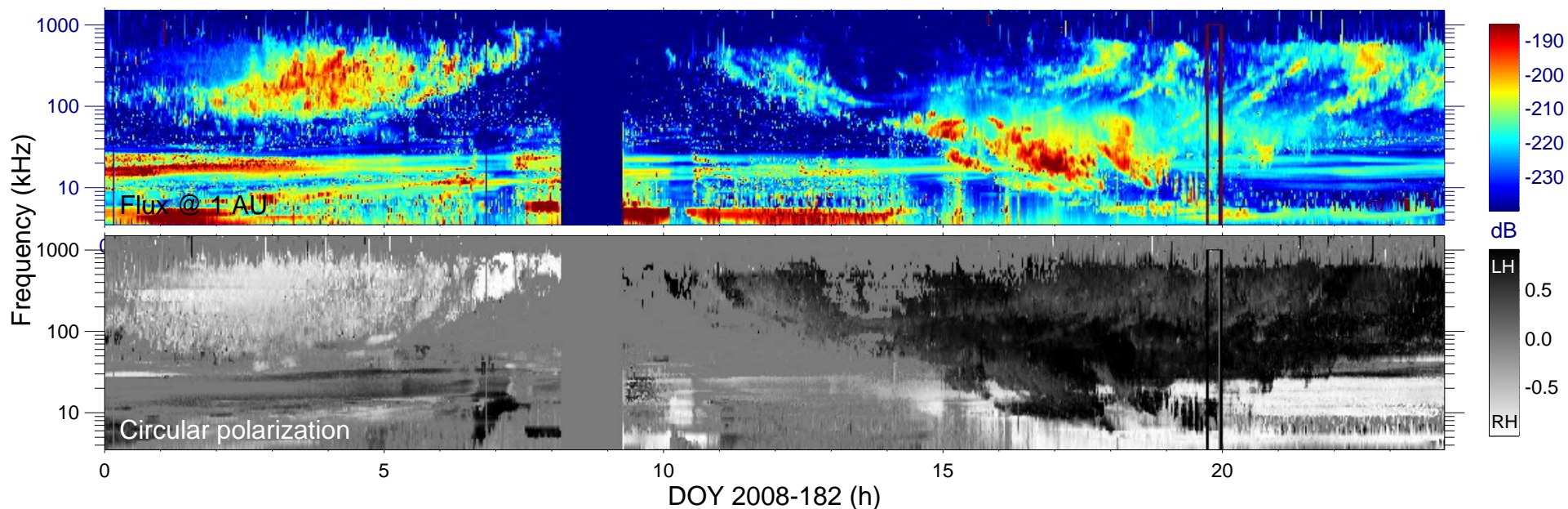
$r_{S/C}$  ( $R_s$ ) = 7.38

$\lambda_{S/C}$  ( $^\circ$ ) = -49.8

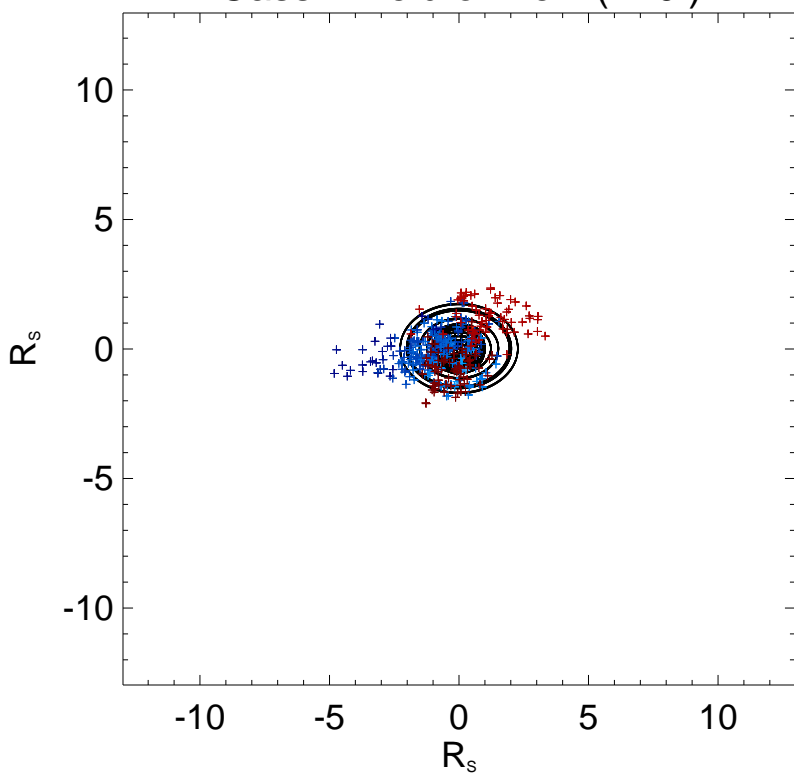
$TL_{S/C}$  = 09:34

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

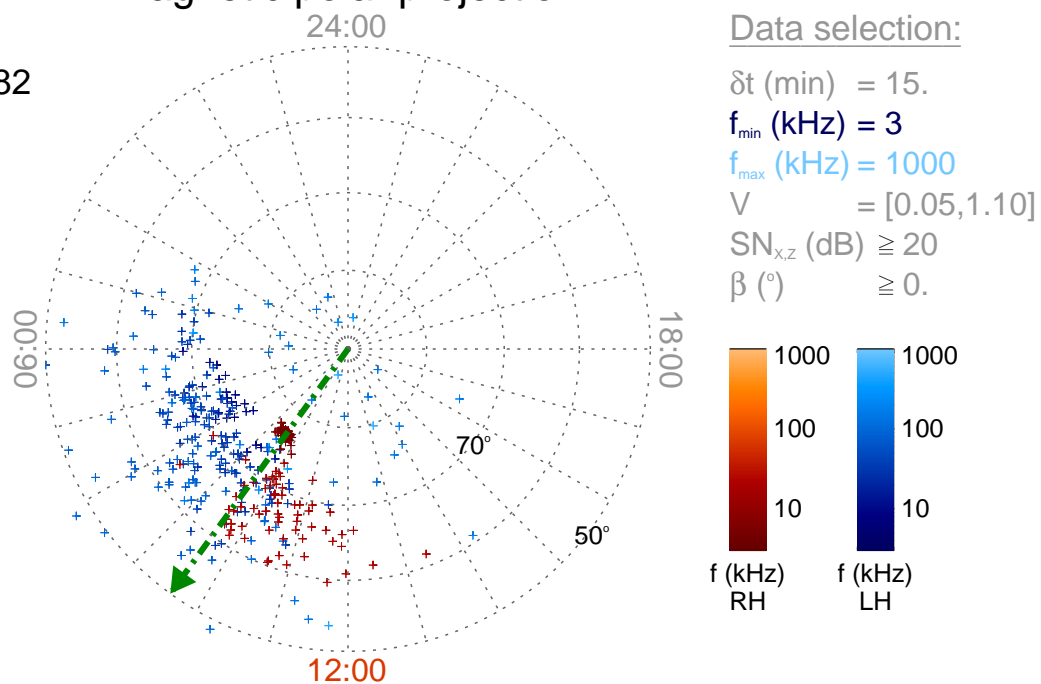
Time : 19:45

$r_{S/C}$  ( $R_s$ ) = 7.48

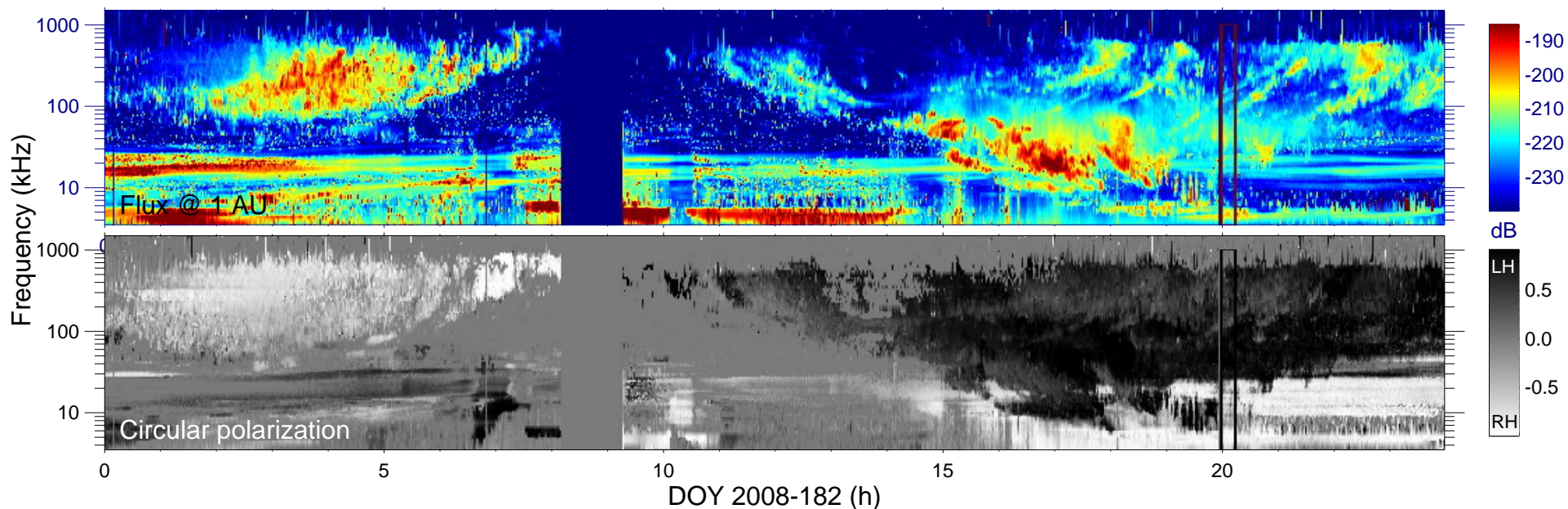
$\lambda_{S/C}$  ( $^\circ$ ) = -49.1

$TL_{S/C}$  = 09:36

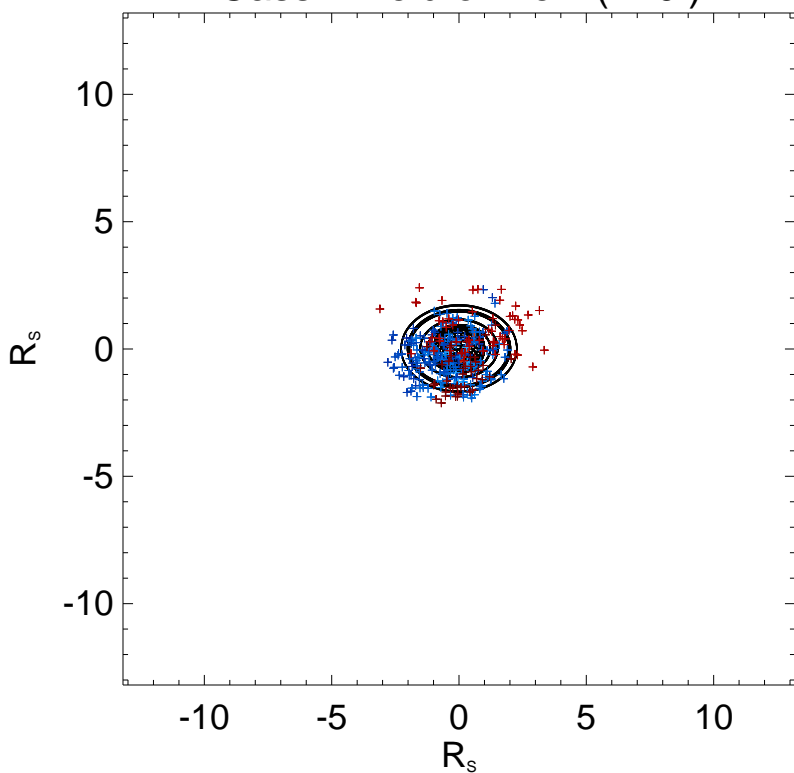
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

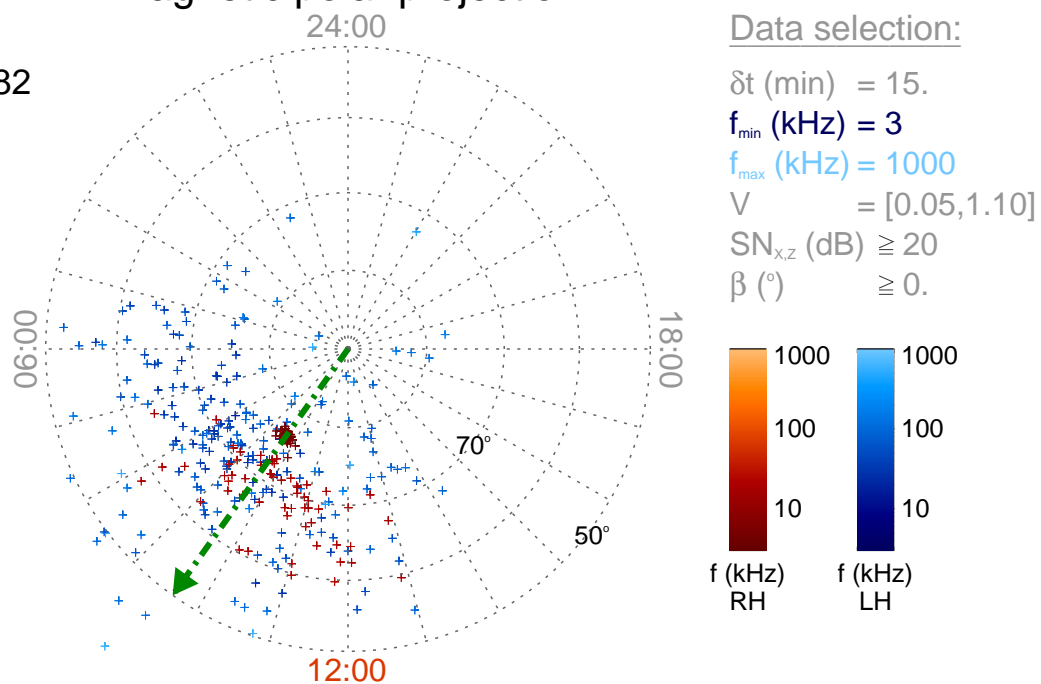
Time : 20:00

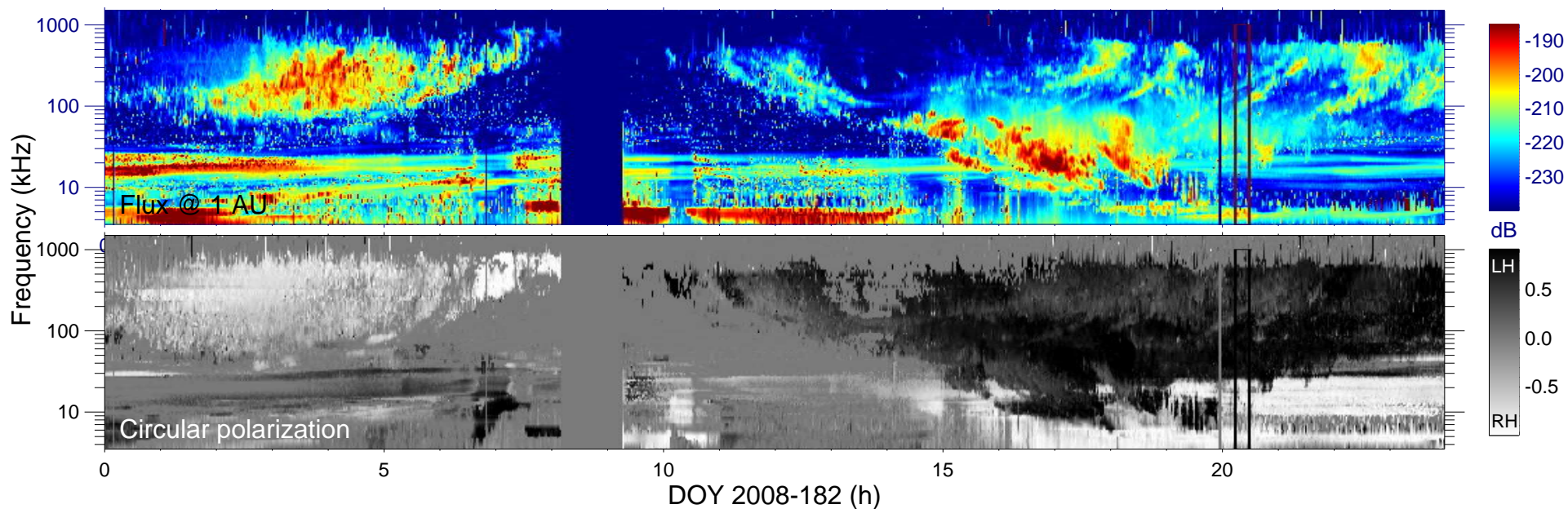
$r_{S/C} (R_s) = 7.61$

$\lambda_{S/C} (^\circ) = -48.2$

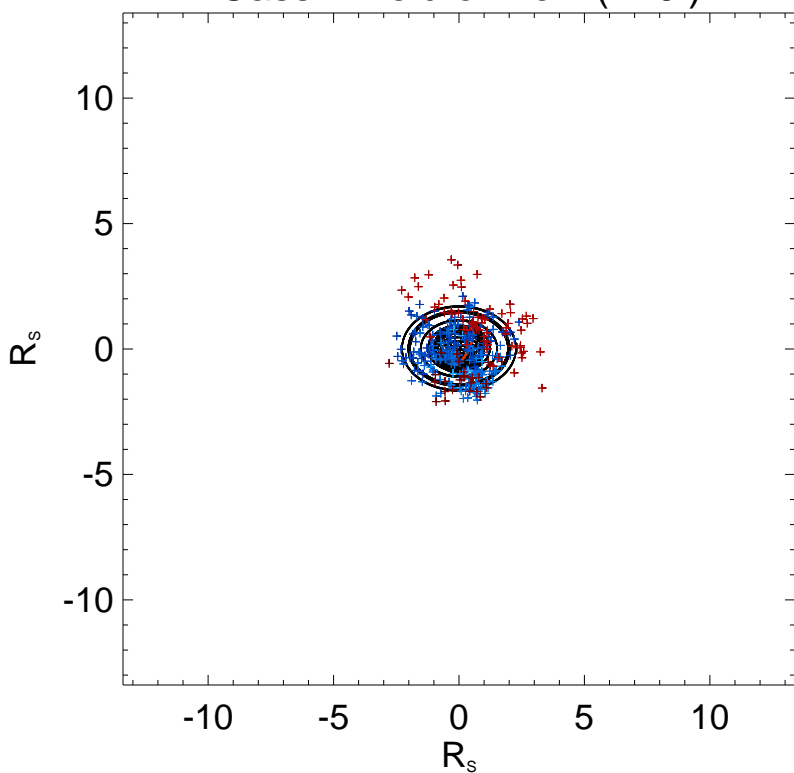
$TL_{S/C} = 09:38$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

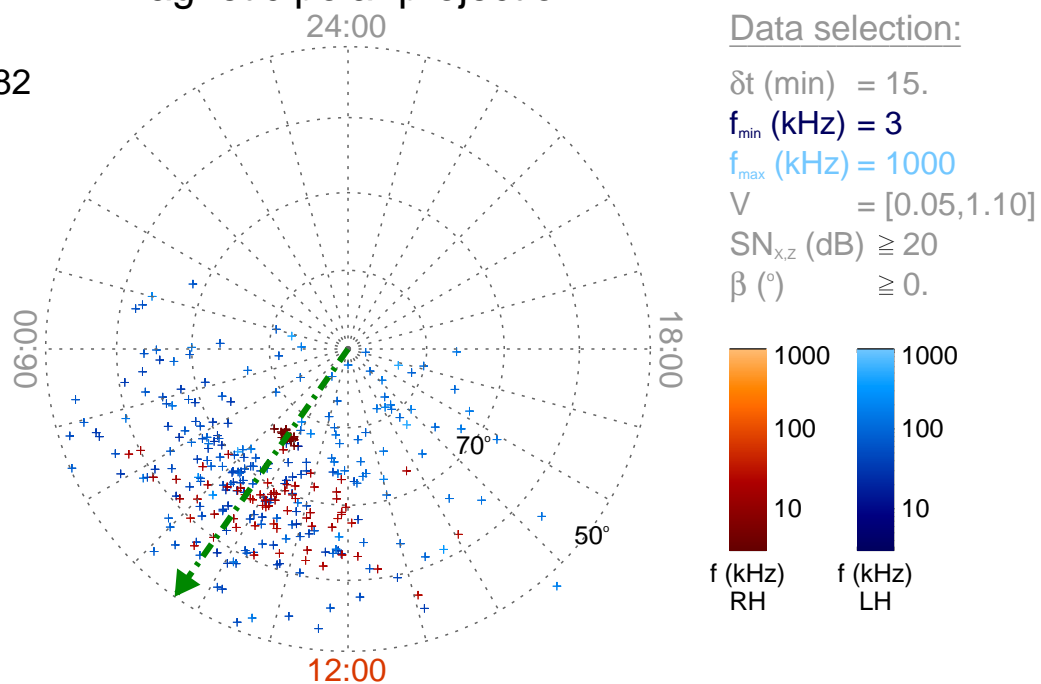
Time : 20:15

$r_{S/C} (R_s) = 7.73$

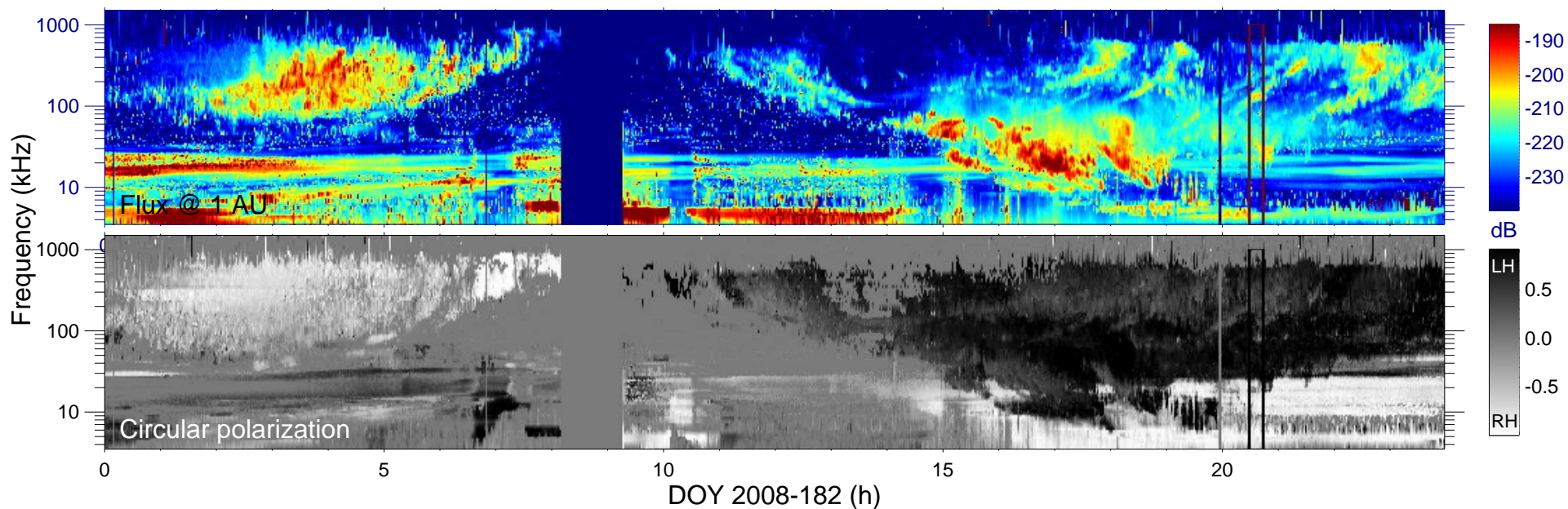
$\lambda_{S/C} (^\circ) = -47.5$

$TL_{S/C} = 09:40$

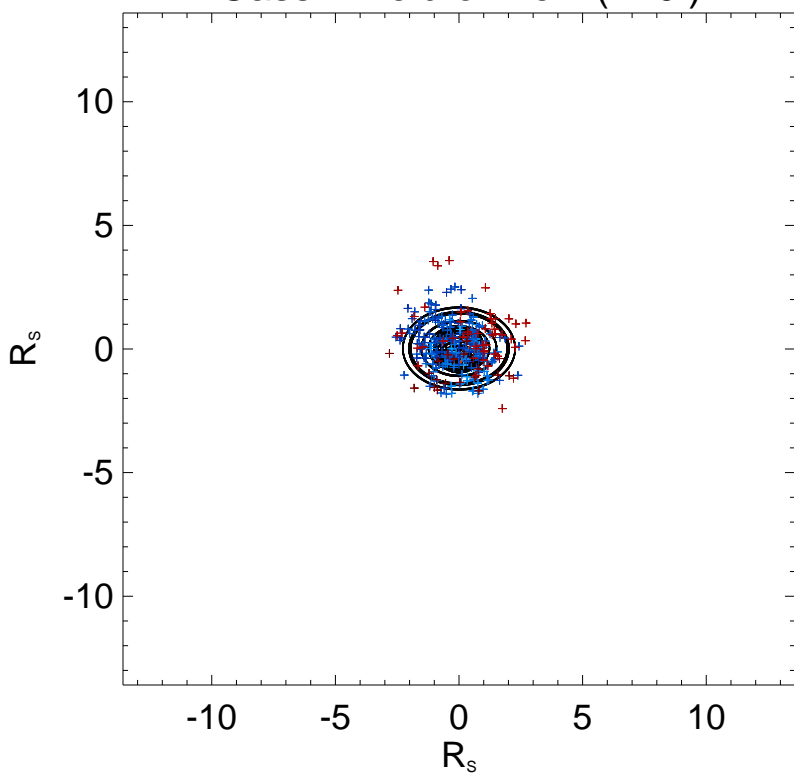
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

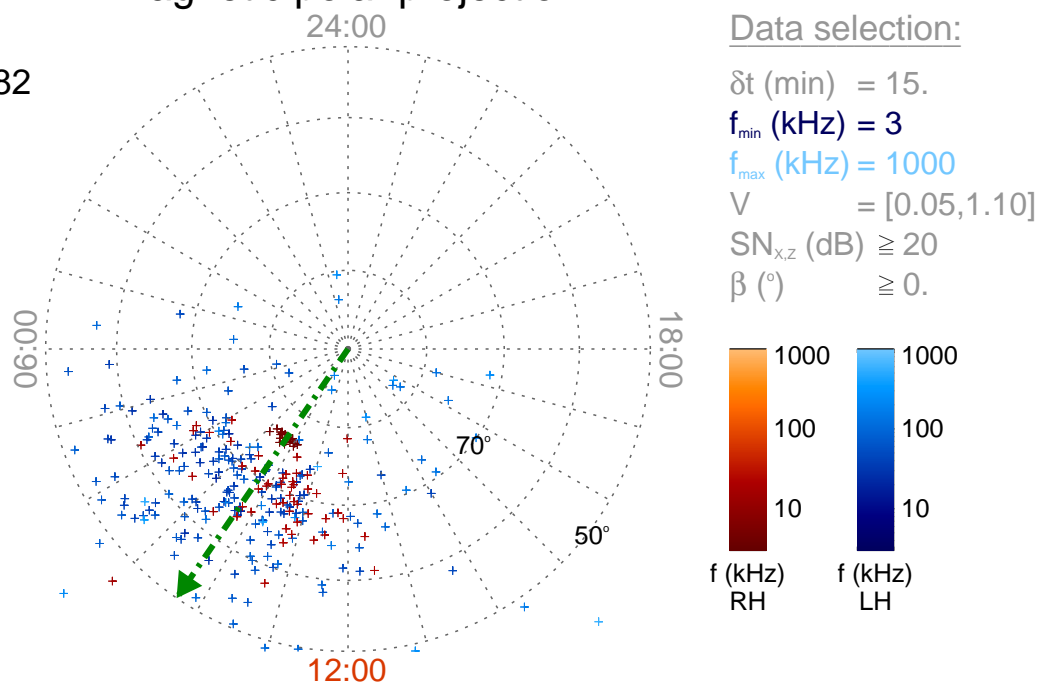
Time : 20:30

$r_{S/C} (R_s) = 7.84$

$\lambda_{S/C} (^\circ) = -46.8$

$TL_{S/C} = 09:41$

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

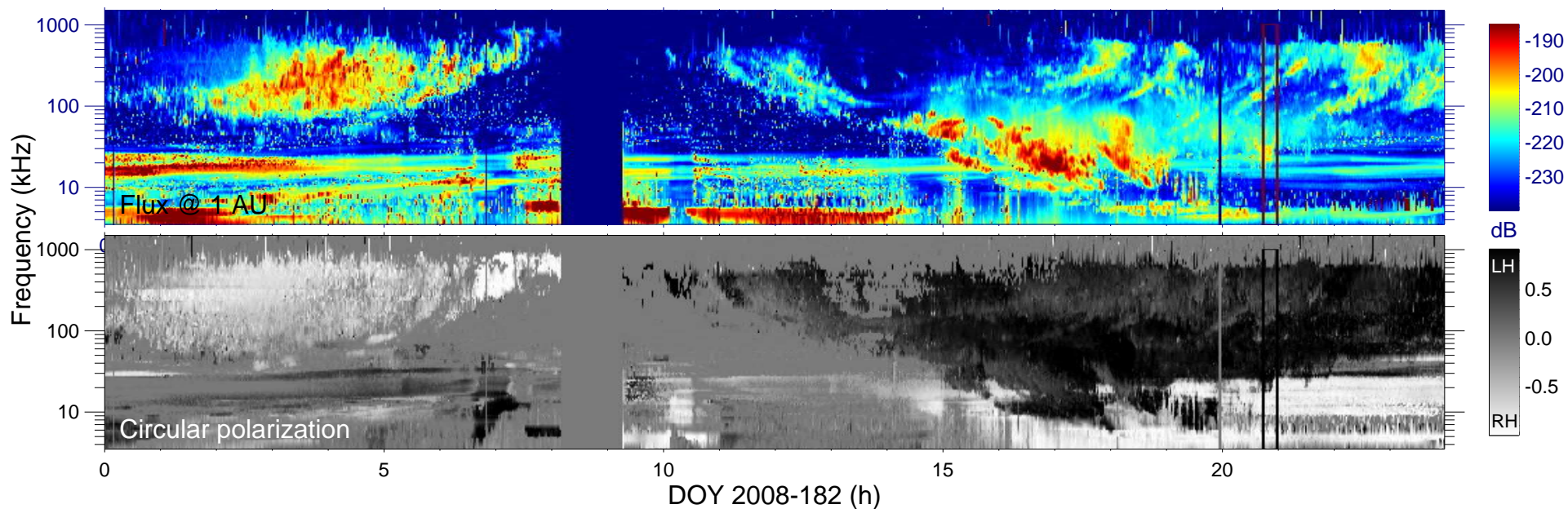
$f_{min}$  (kHz) = 3

$f_{max}$  (kHz) = 1000

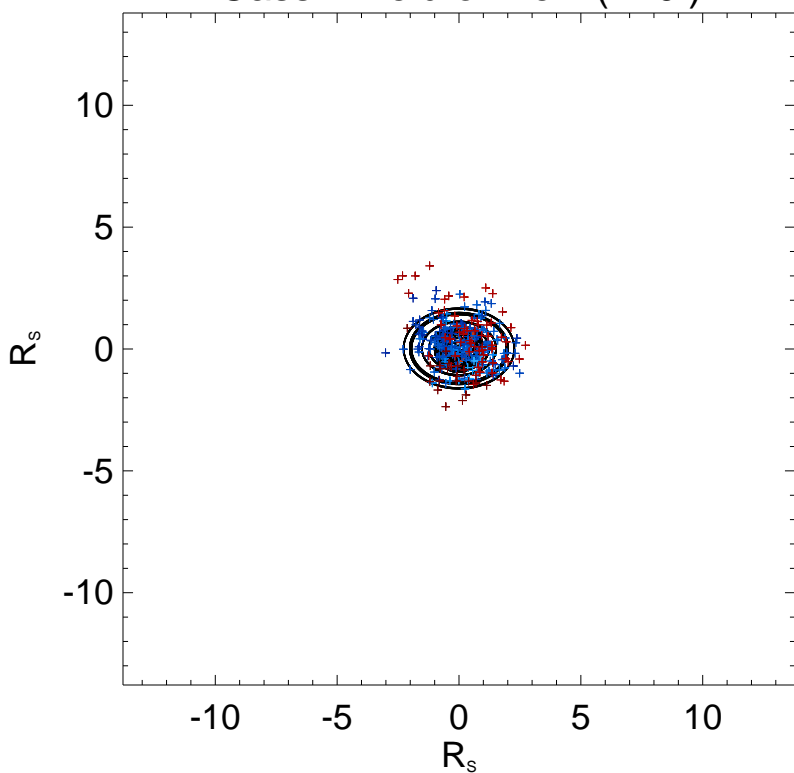
$V = [0.05, 1.10]$

$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .



Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

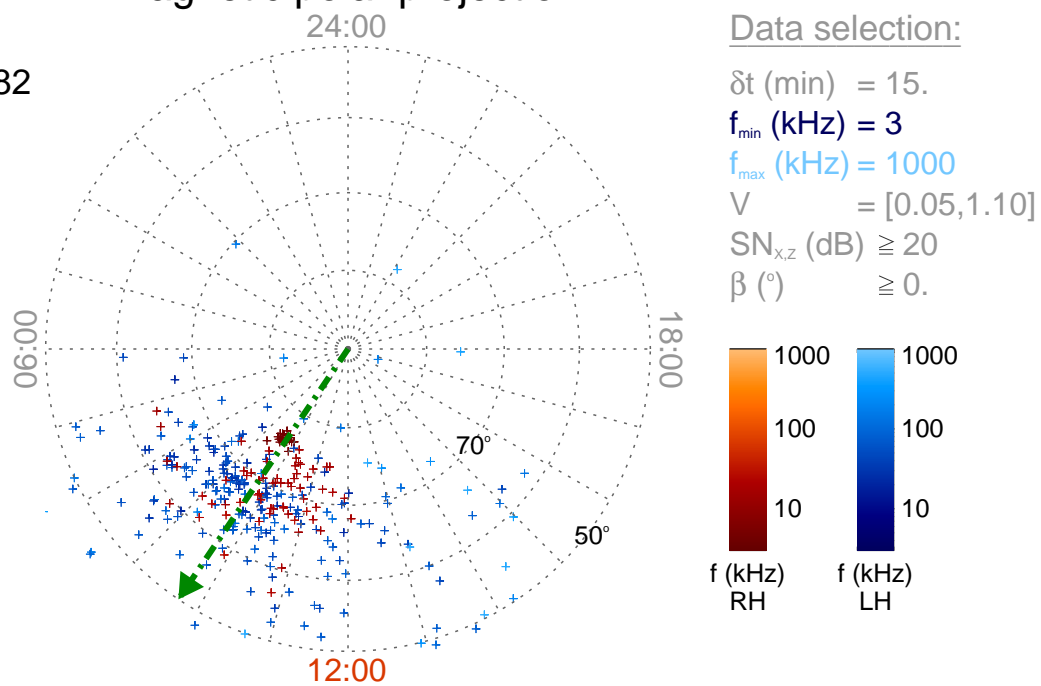
Time : 20:45

$r_{S/C}$  ( $R_s$ ) = 7.95

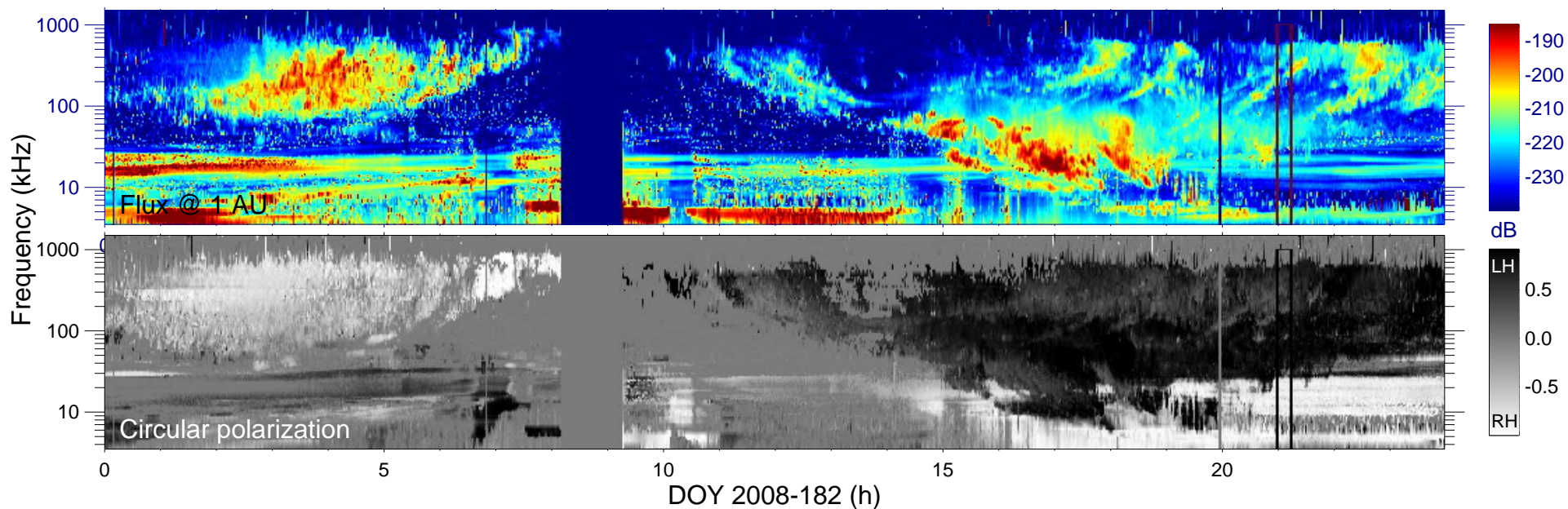
$\lambda_{S/C}$  ( $^\circ$ ) = -46.1

$TL_{S/C}$  = 09:43

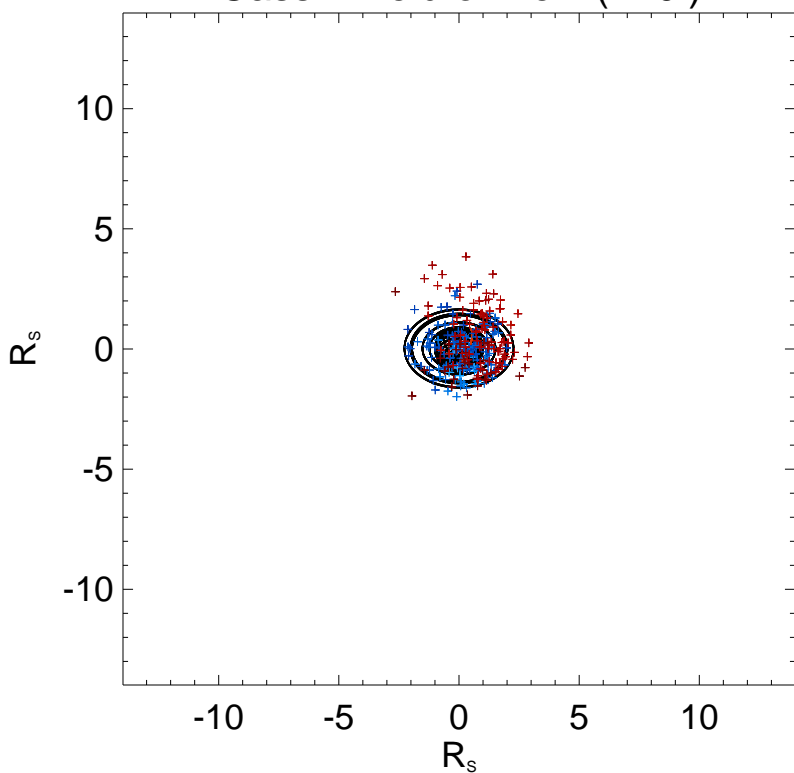
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

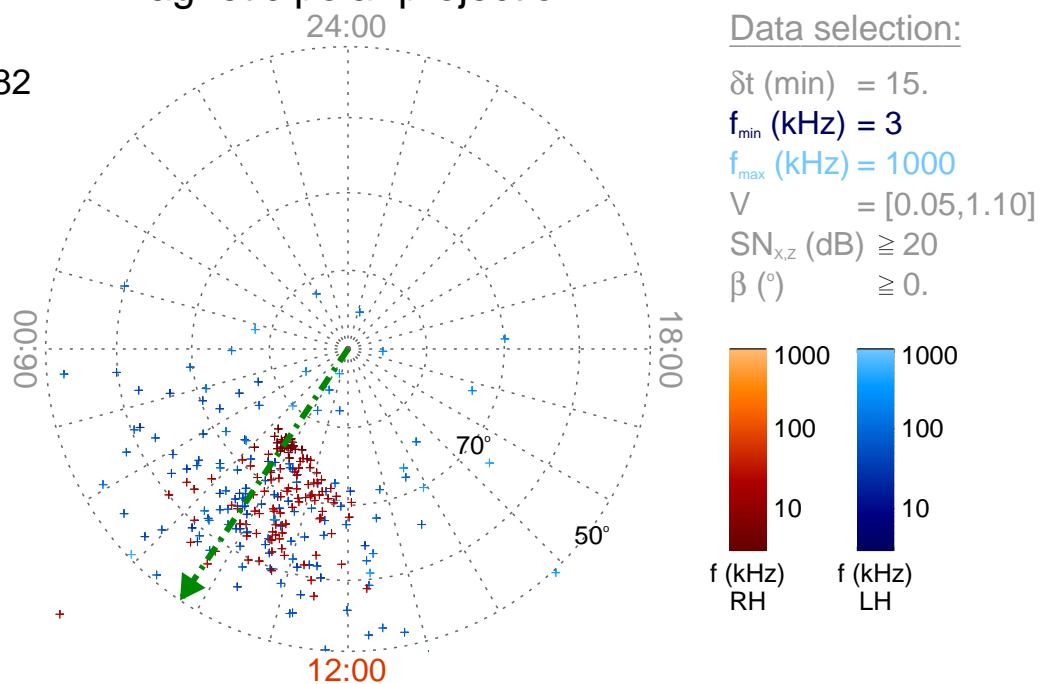
Time : 21:00

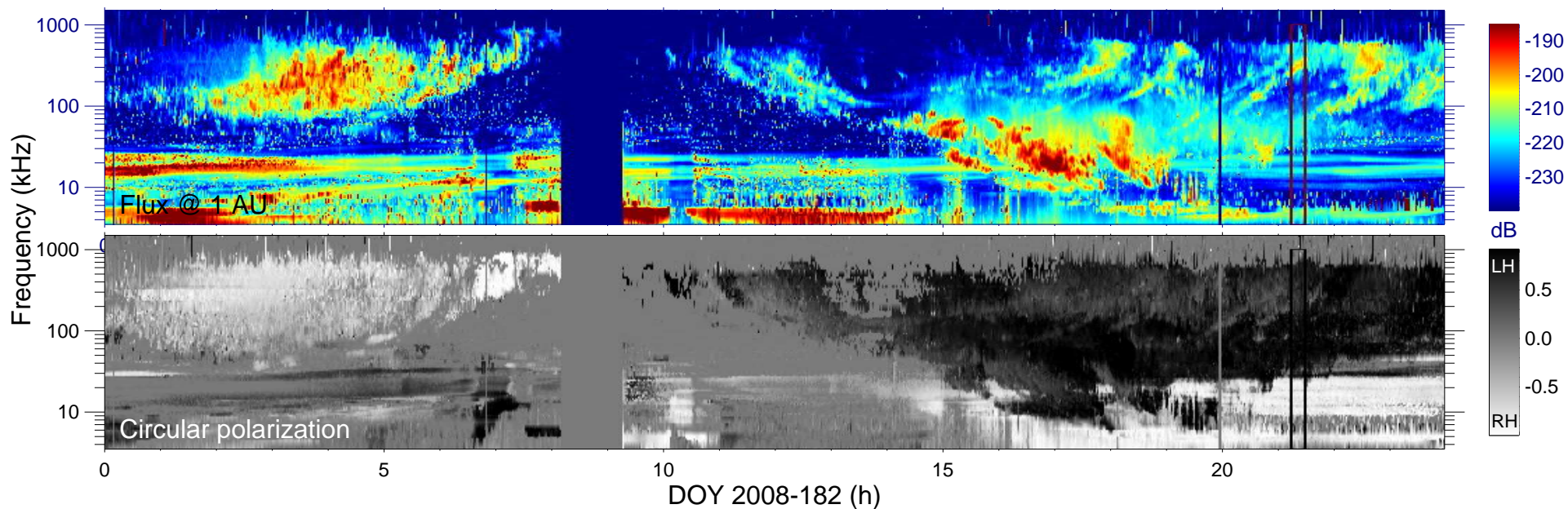
$r_{S/C}$  ( $R_s$ ) = 8.07

$\lambda_{S/C}$  ( $^\circ$ ) = -45.4

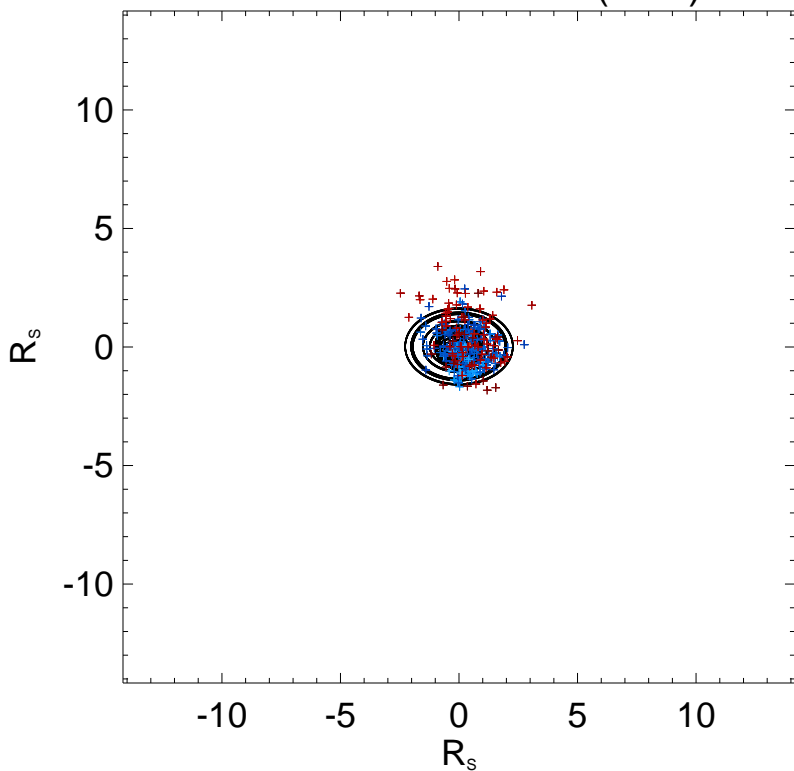
$TL_{S/C}$  = 09:45

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

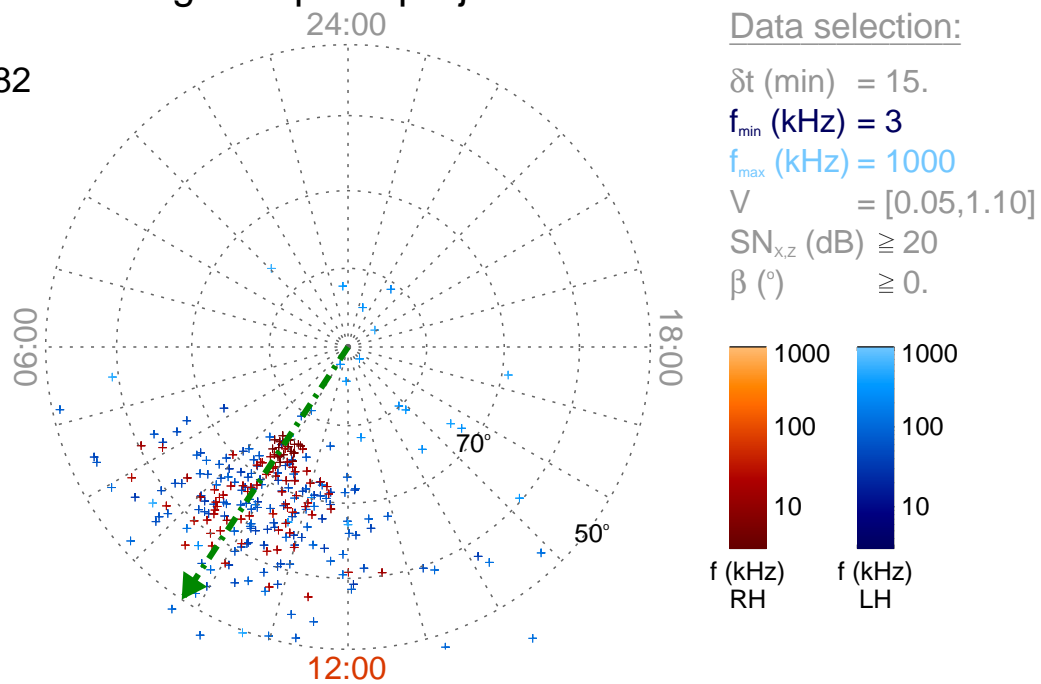
Time : 21:15

$r_{S/C} (R_s) = 8.18$

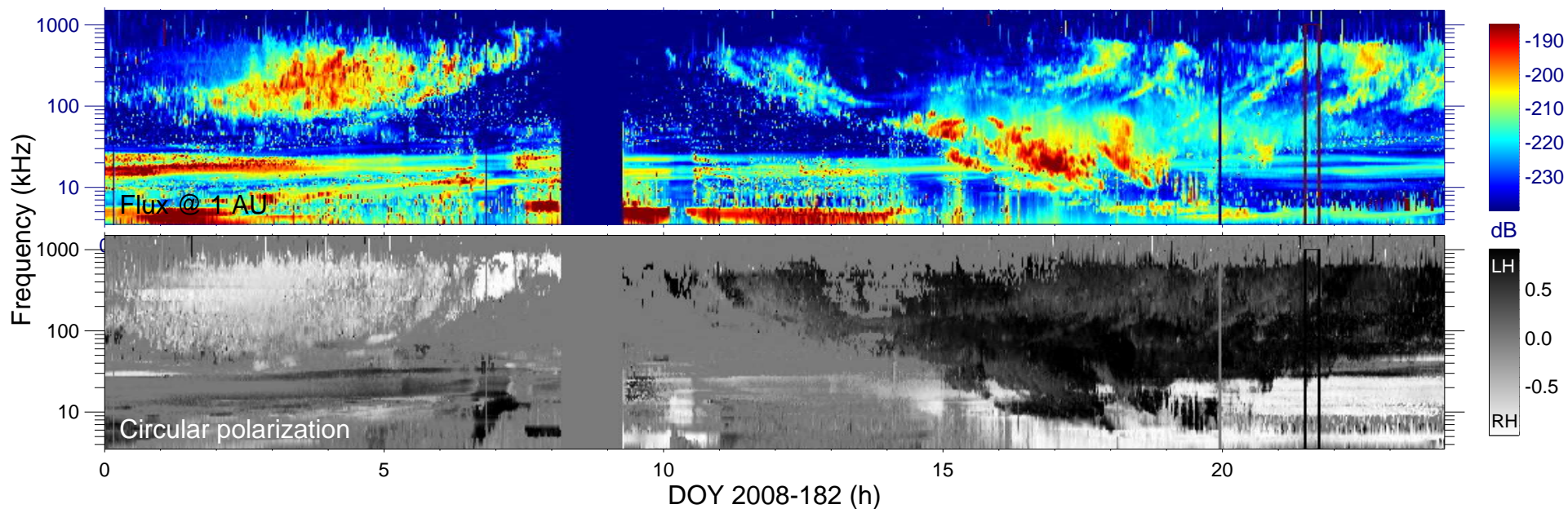
$\lambda_{S/C} (^\circ) = -44.8$

$TL_{S/C} = 09:46$

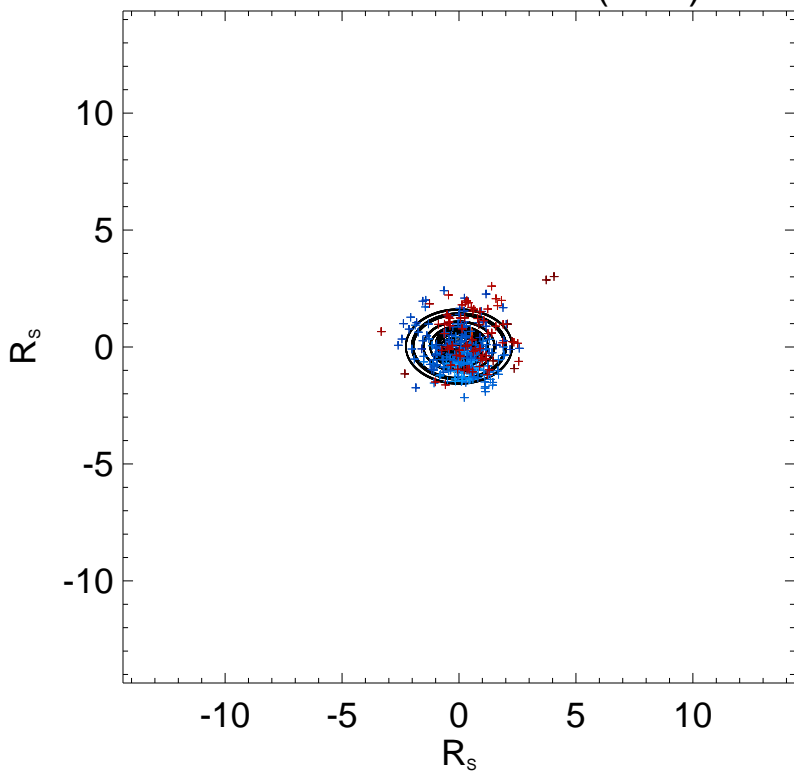
Magnetic polar projection







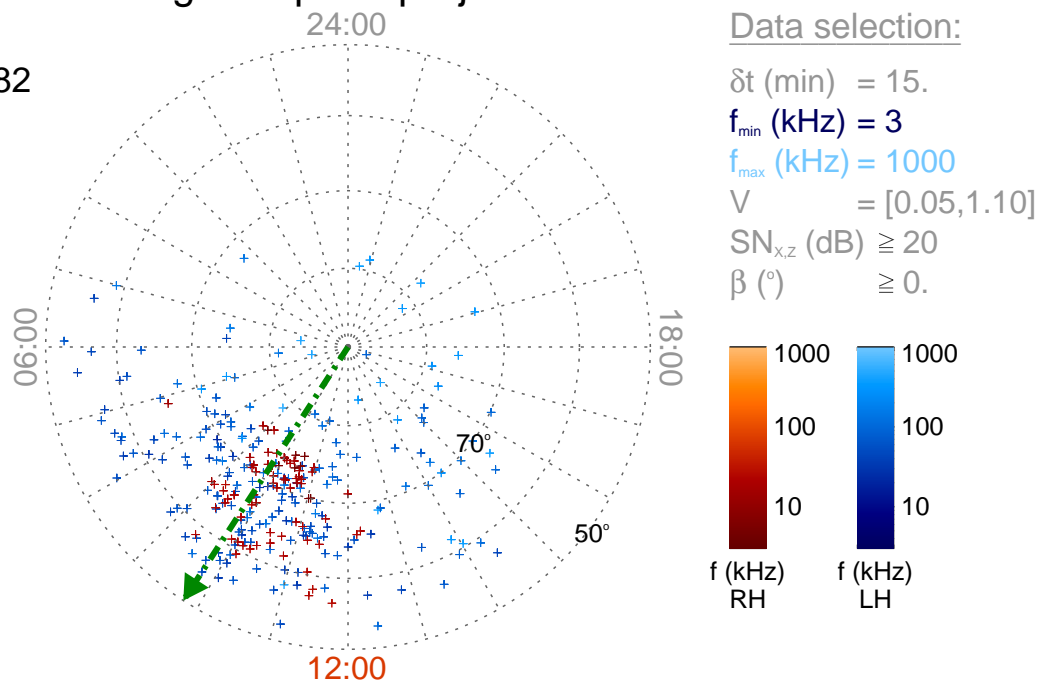
Cassini field of view ( $120^\circ$ )

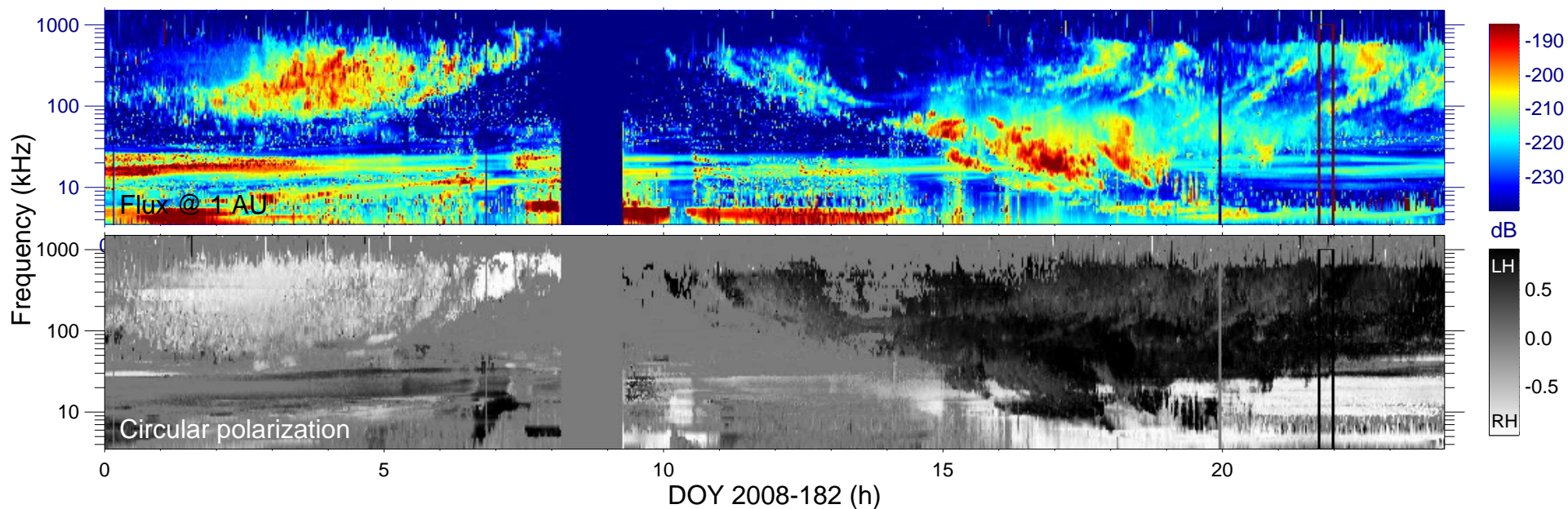


Ephemeris:

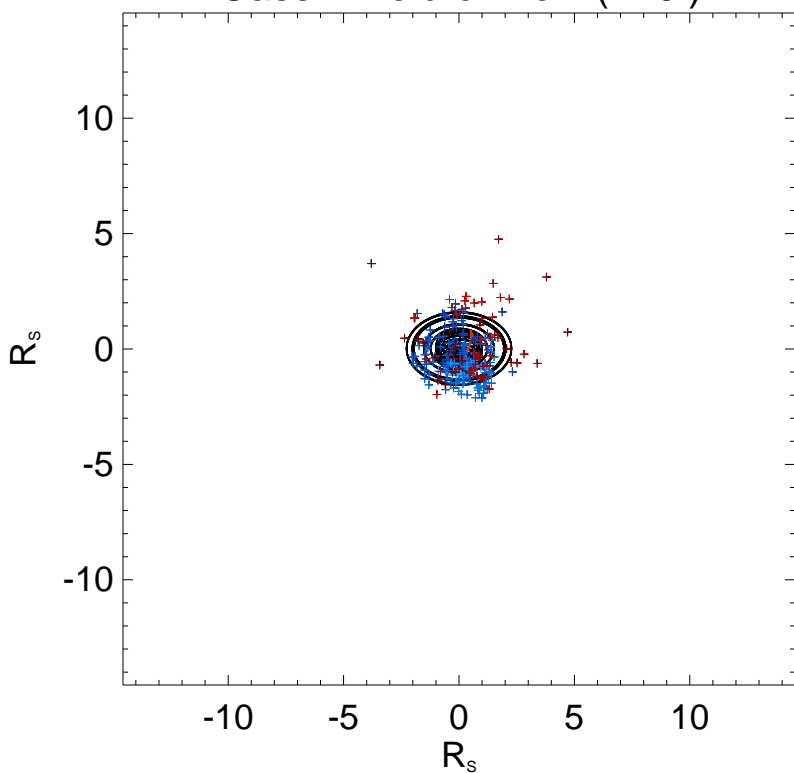
Day : 2008-182  
 Time : 21:30  
 $r_{S/C} (R_s) = 8.29$   
 $\lambda_{S/C} (^\circ) = -44.1$   
 $TL_{S/C} = 09:48$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

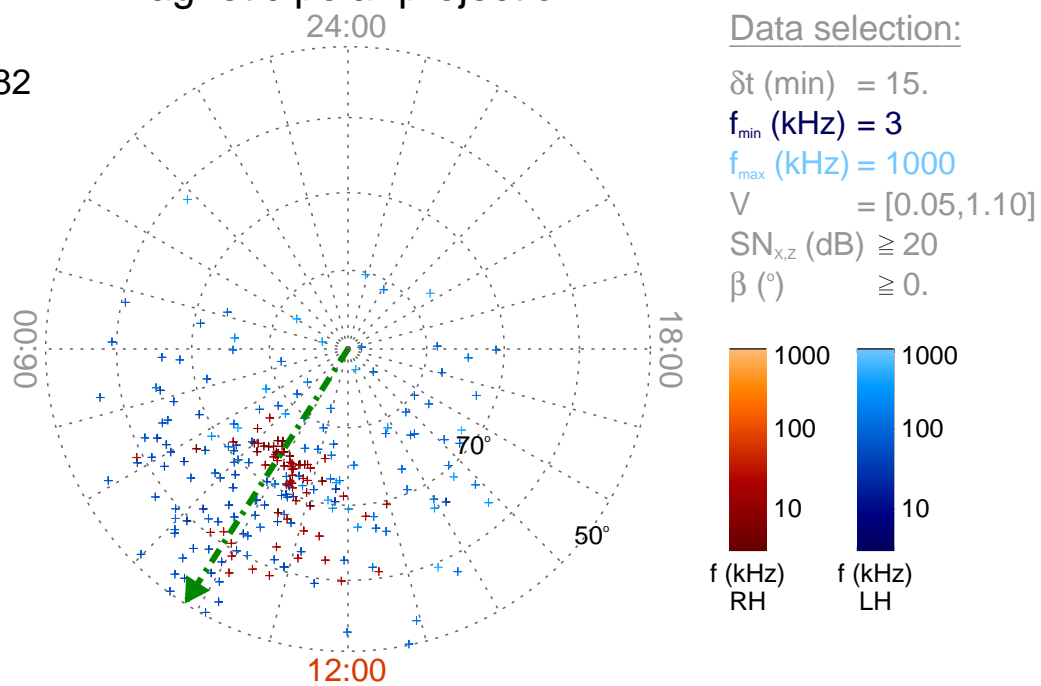
Time : 21:45

$r_{S/C} (R_s) = 8.40$

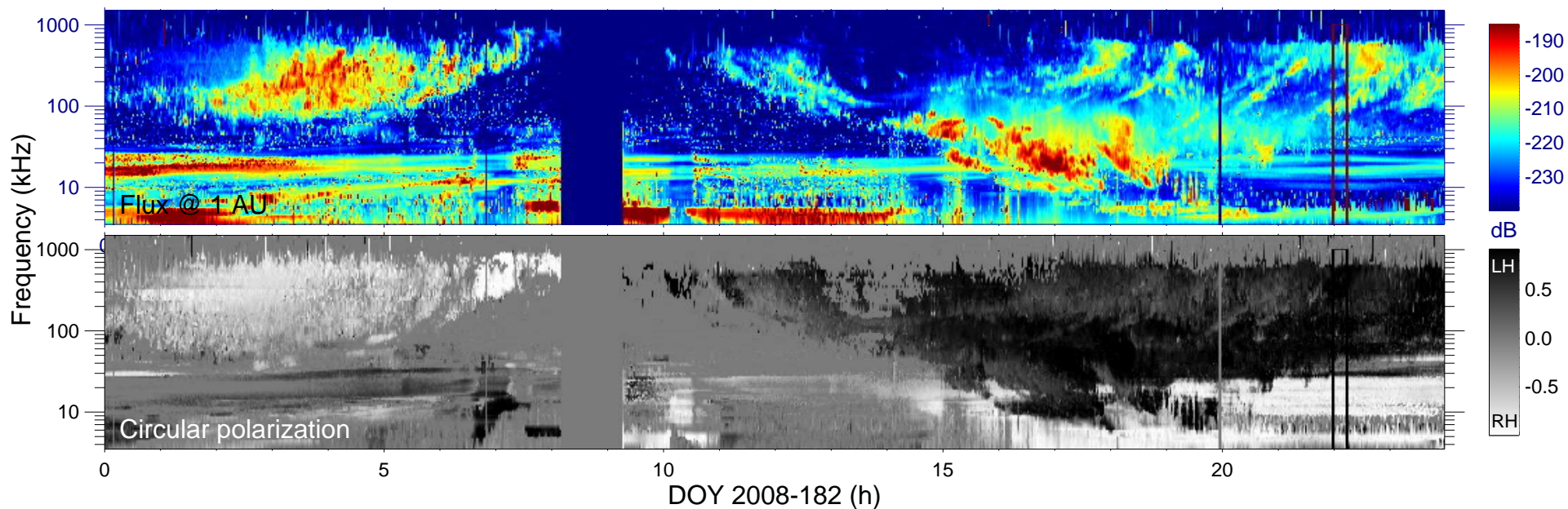
$\lambda_{S/C} (^\circ) = -43.5$

$TL_{S/C} = 09:49$

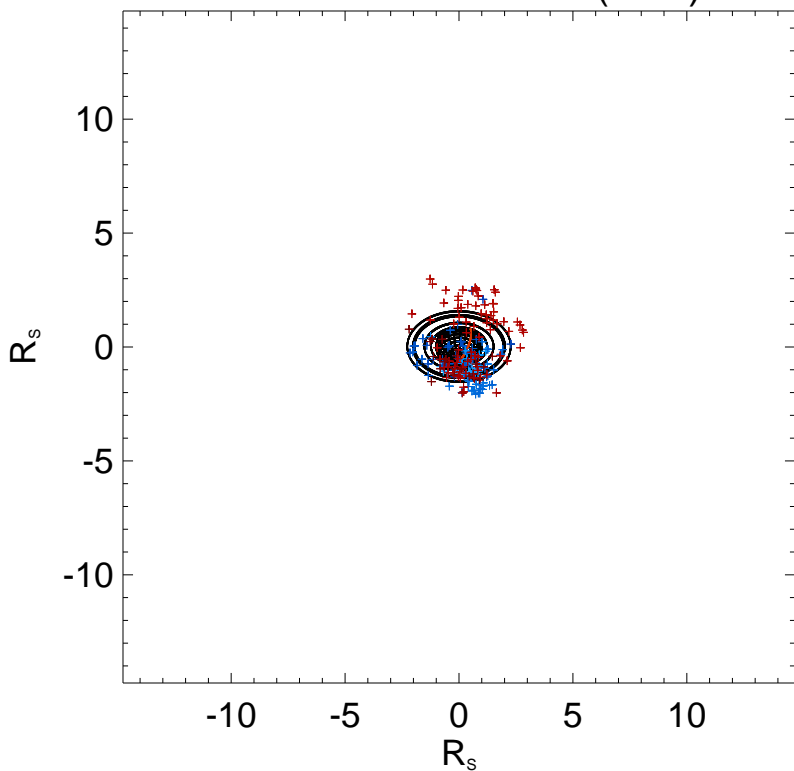
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

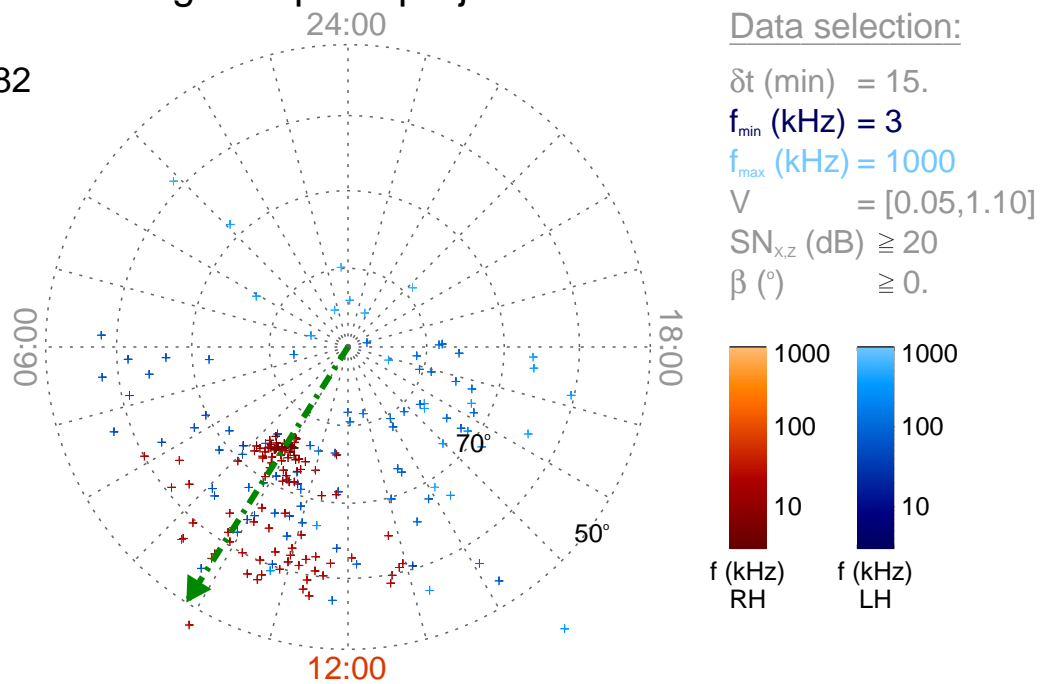
Time : 22:00

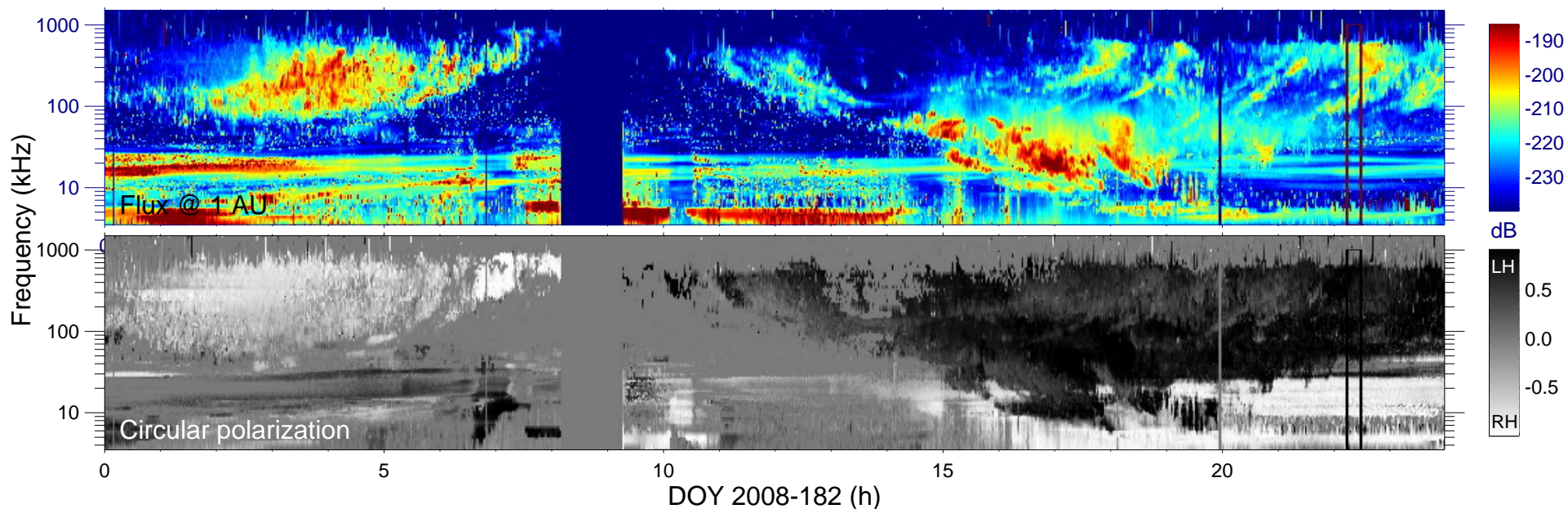
$r_{S/C} (R_s) = 8.51$

$\lambda_{S/C} (^\circ) = -42.9$

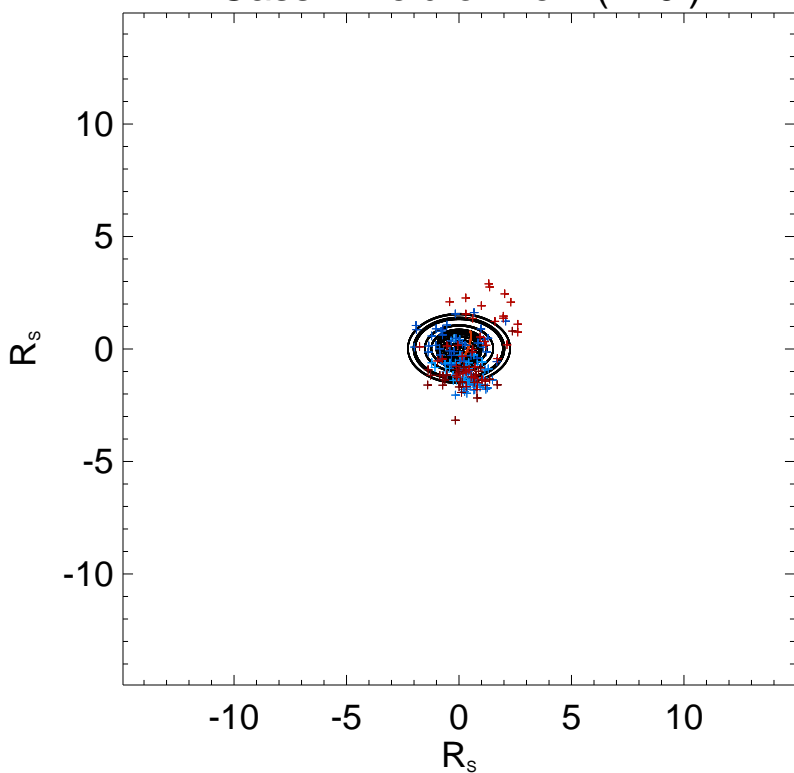
$TL_{S/C} = 09:50$

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

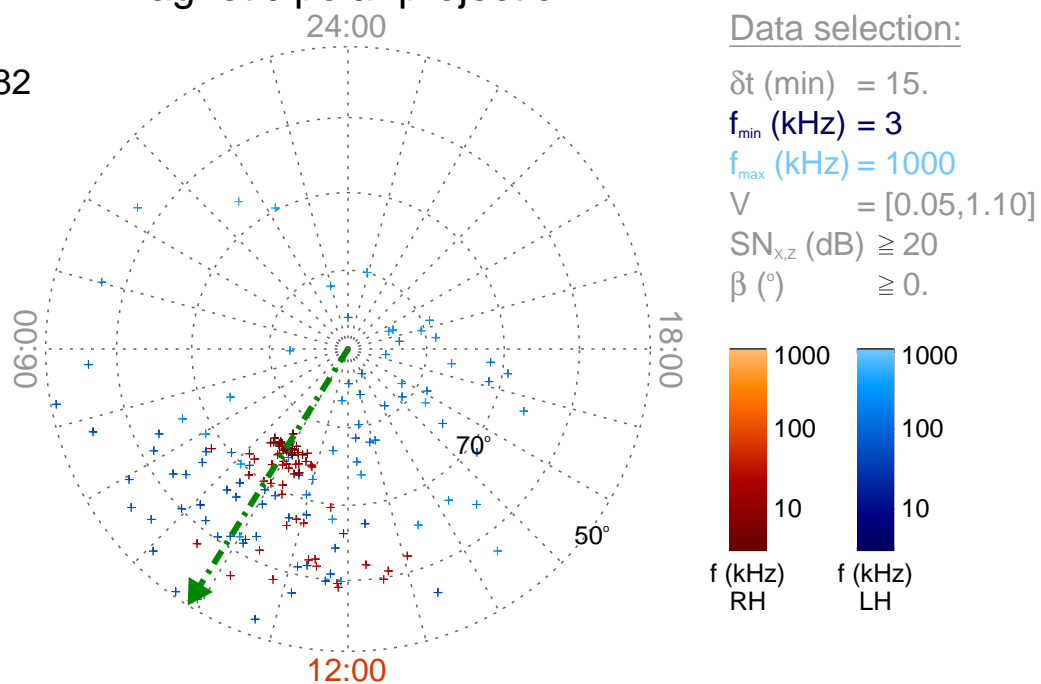
Time : 22:15

$r_{S/C} (R_s) = 8.62$

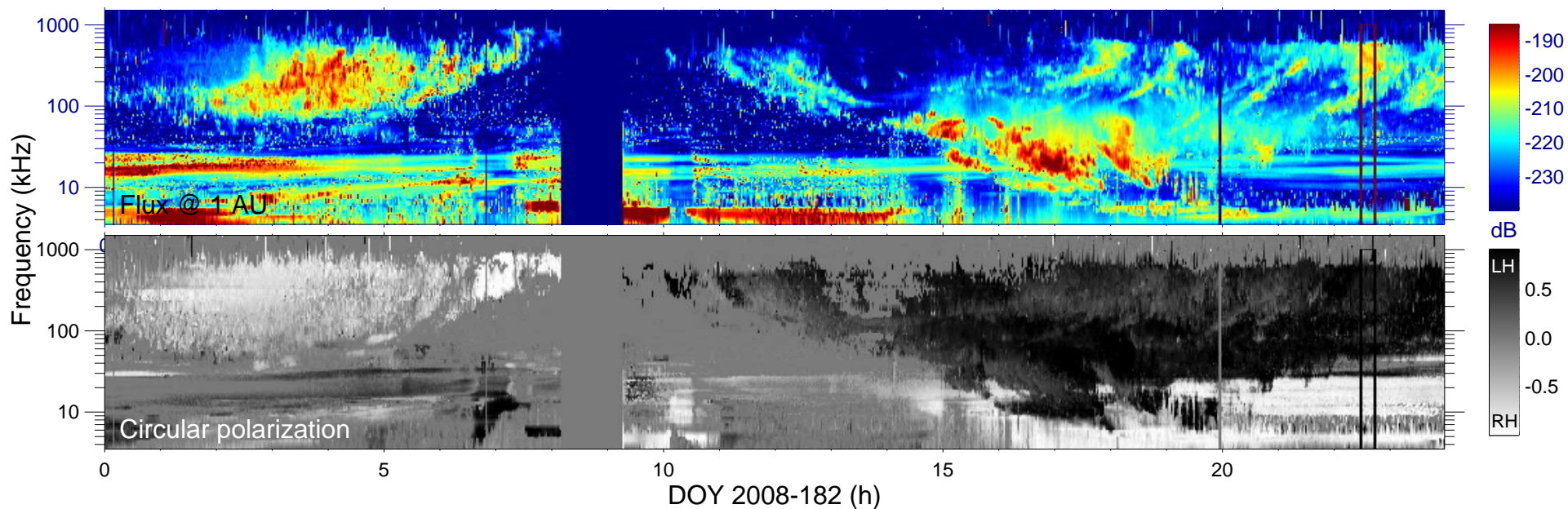
$\lambda_{S/C} (^\circ) = -42.3$

$TL_{S/C} = 09:51$

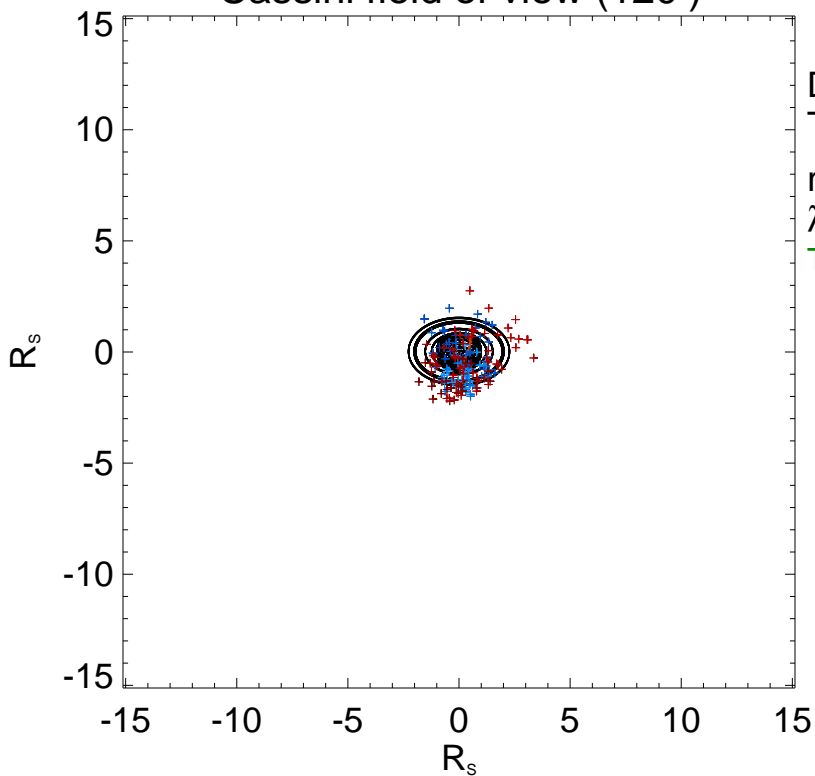
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-182

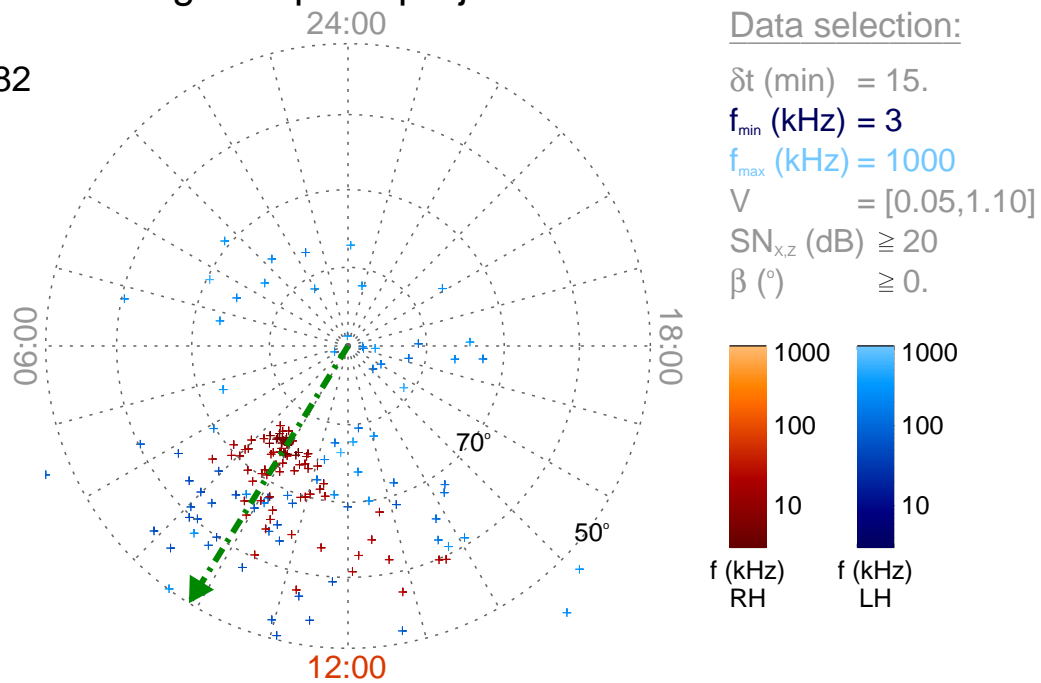
Time : 22:30

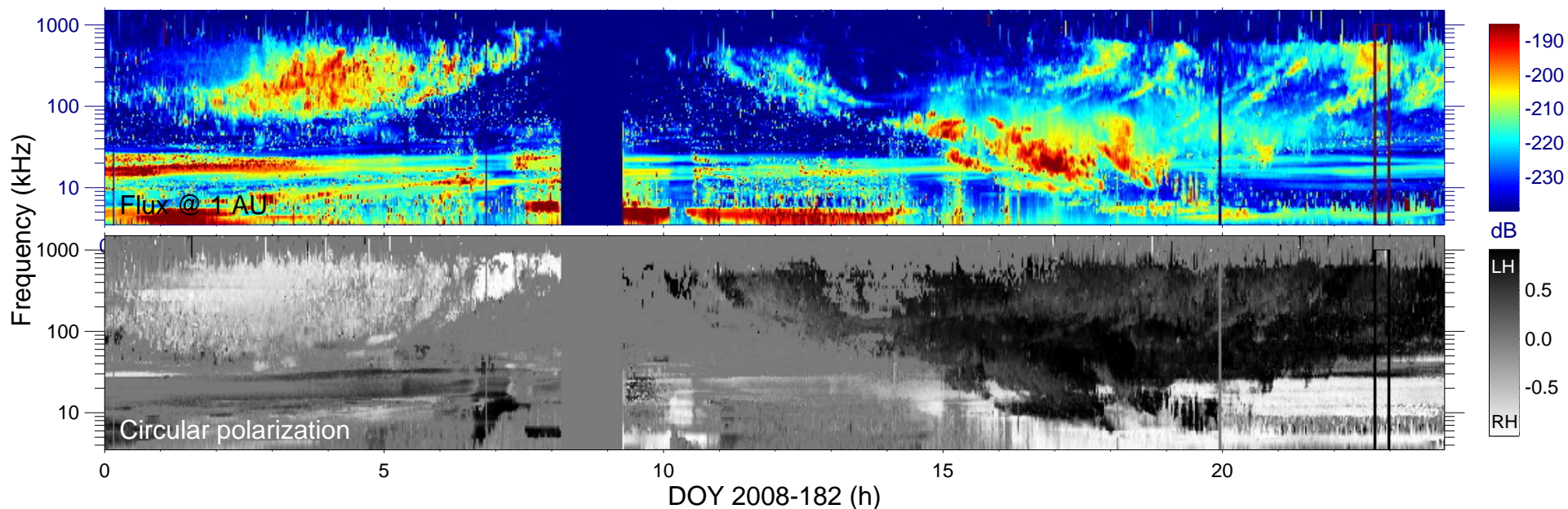
$r_{S/C}$  ( $R_s$ ) = 8.72

$\lambda_{S/C}$  ( $^\circ$ ) = -41.7

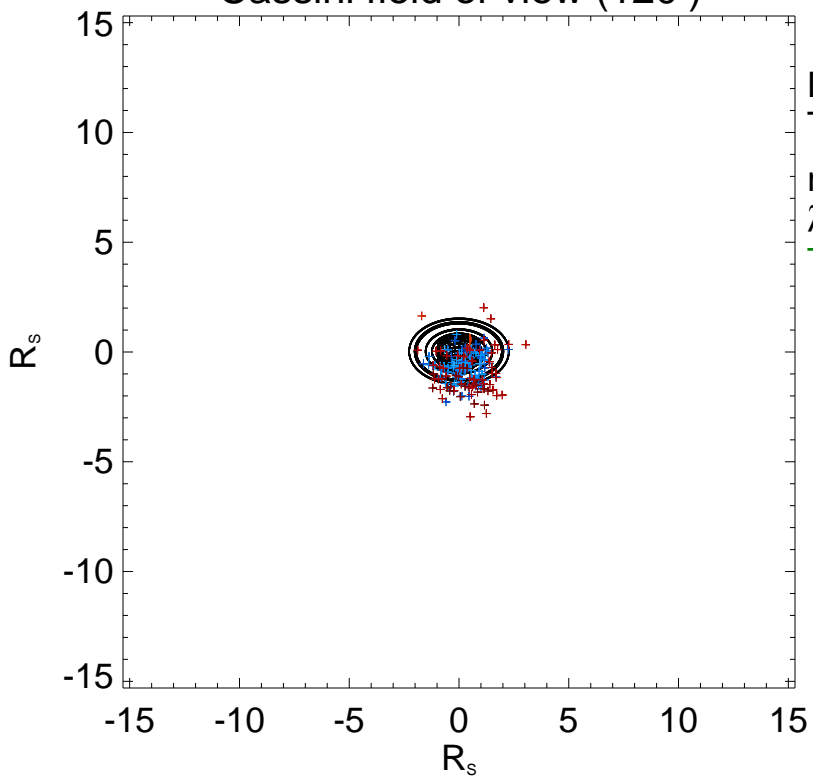
$TL_{S/C}$  = 09:53

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-183

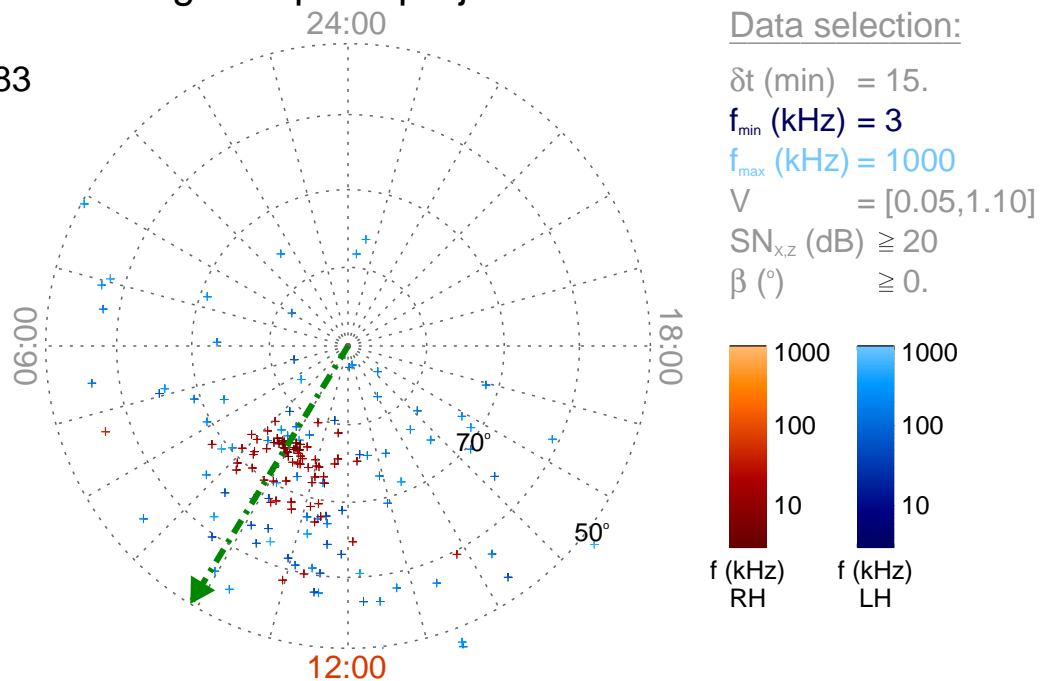
Time : 22:45

$r_{S/C} (R_s) = 8.83$

$\lambda_{S/C} (^\circ) = -41.2$

$TL_{S/C} = 09:54$

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

$f_{min}$  (kHz) = 3

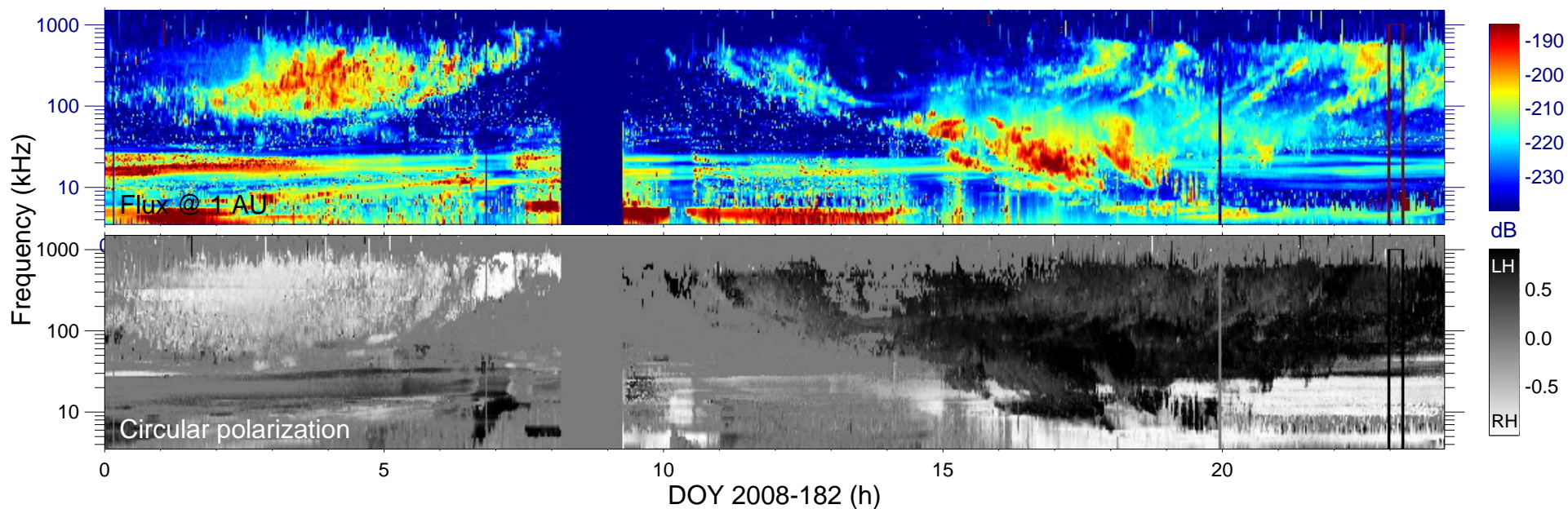
$f_{max}$  (kHz) = 1000

$V = [0.05, 1.10]$

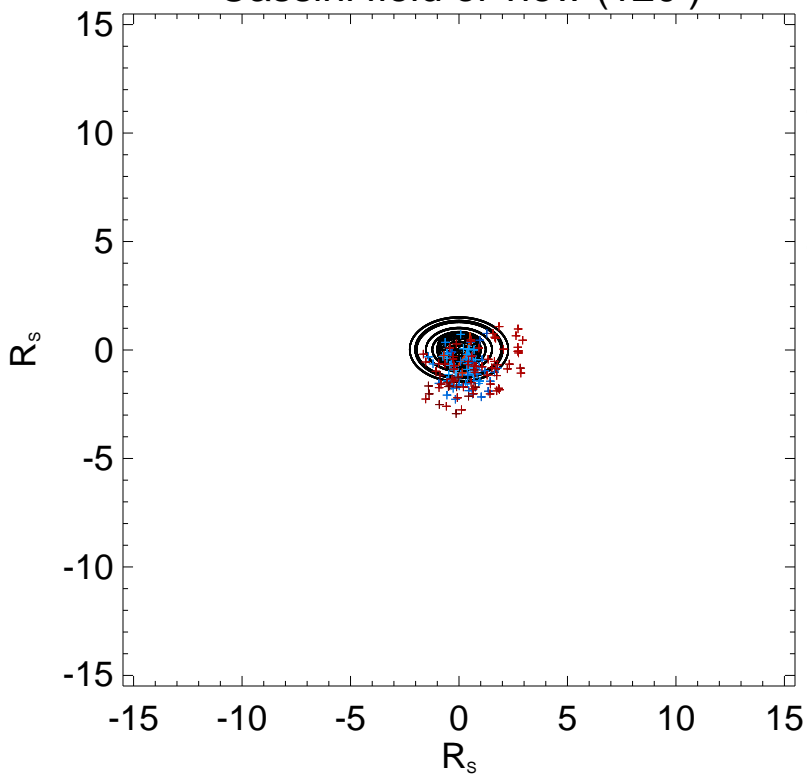
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-183

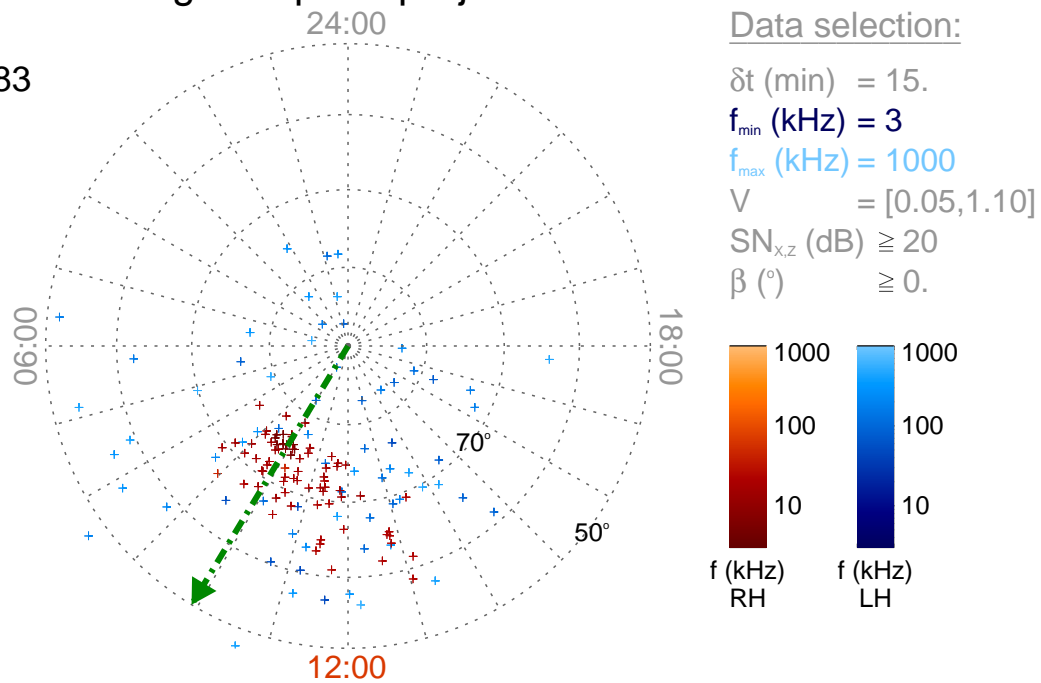
Time : 23:00

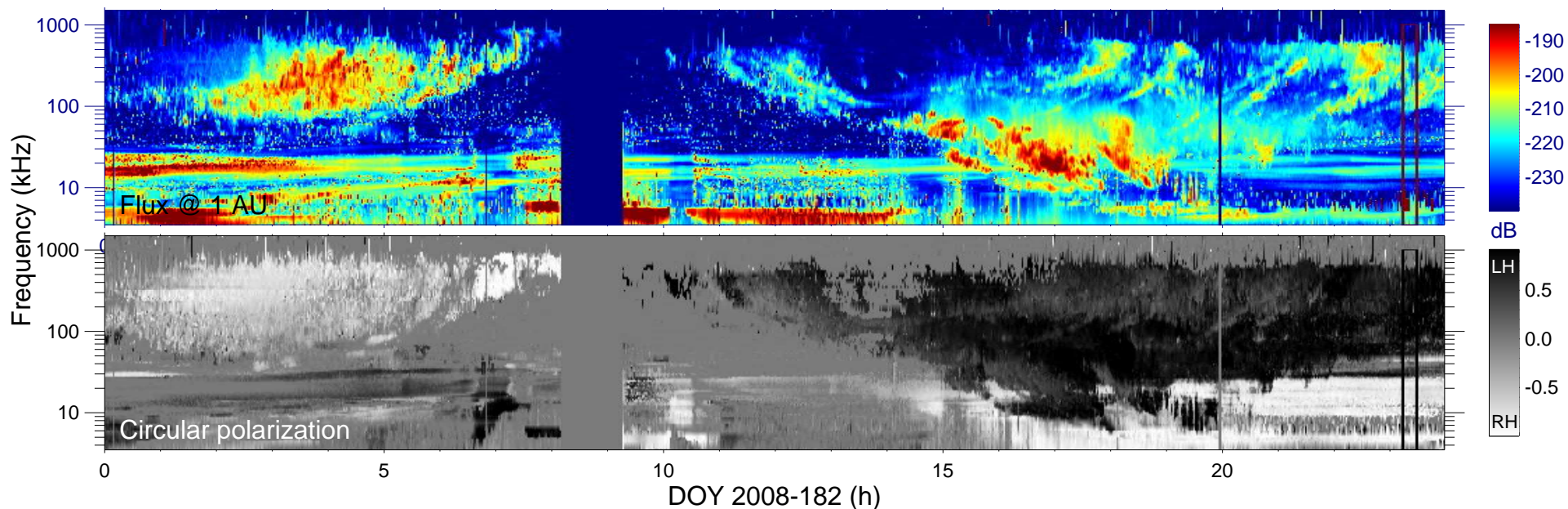
$r_{S/C}$  ( $R_s$ ) = 8.93

$\lambda_{S/C}$  ( $^\circ$ ) = -40.6

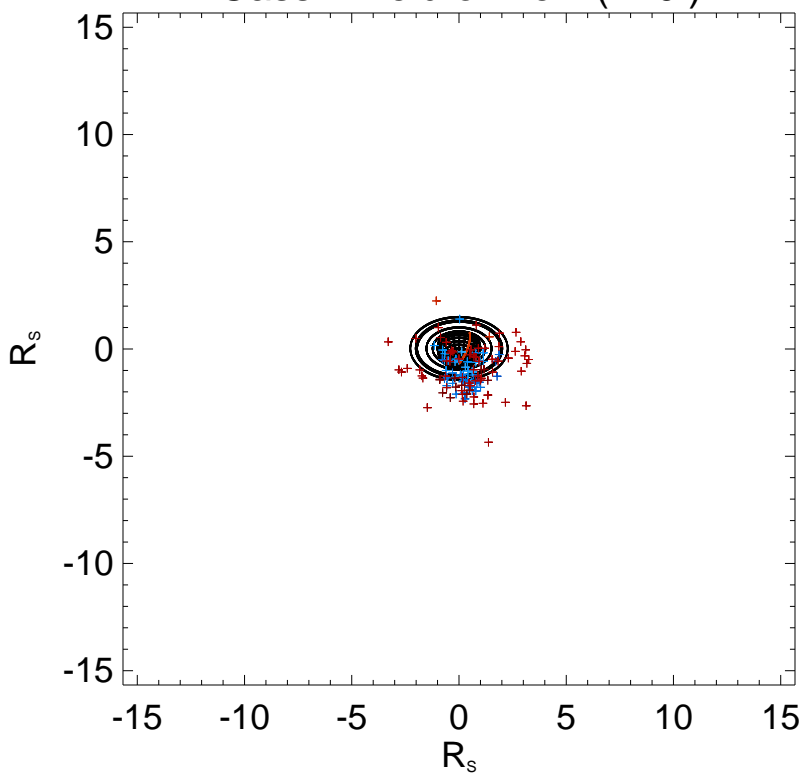
$TL_{S/C}$  = 09:55

Magnetic polar projection





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-183

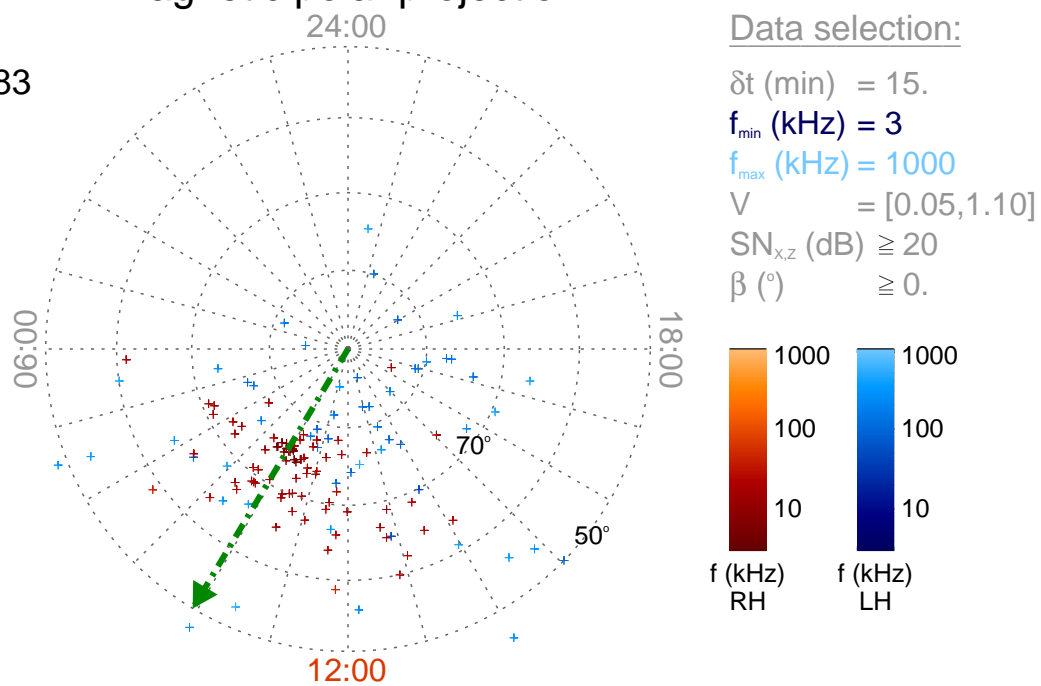
Time : 23:15

$r_{S/C}$  ( $R_s$ ) = 9.04

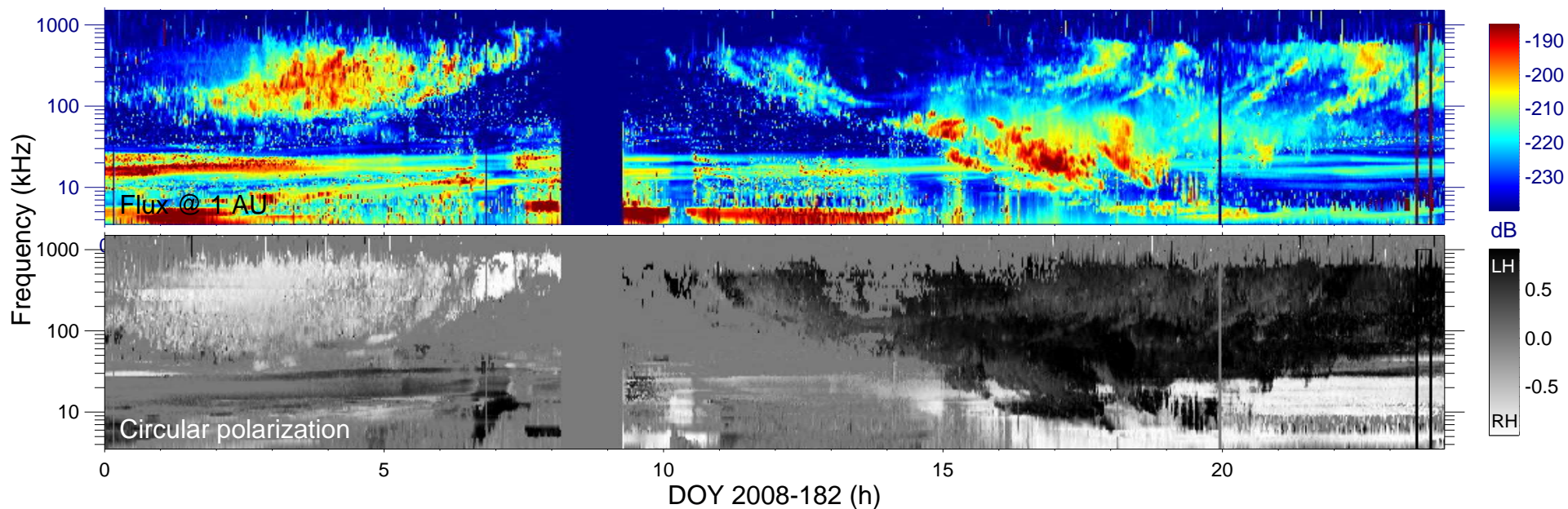
$\lambda_{S/C}$  ( $^\circ$ ) = -40.1

$TL_{S/C}$  = 09:56

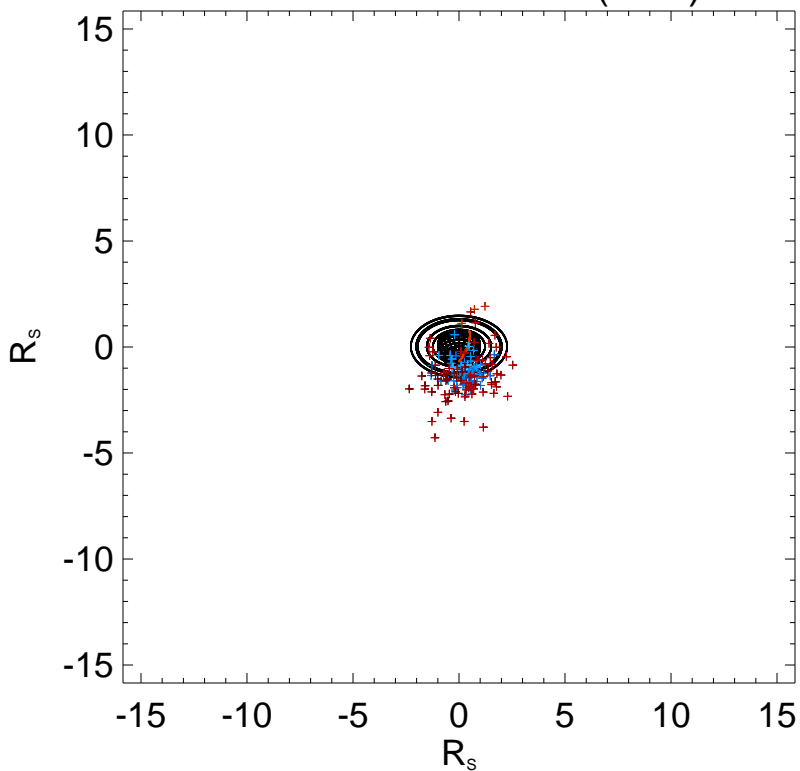
Magnetic polar projection







Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-183

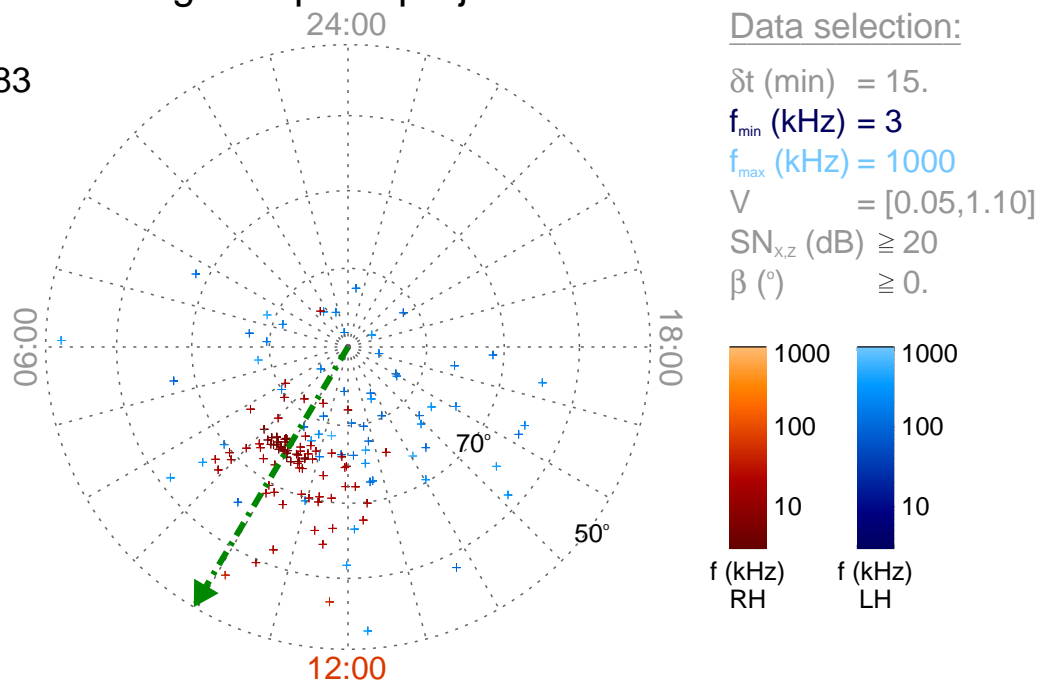
Time : 23:30

$r_{S/C} (R_s) = 9.14$

$\lambda_{S/C} (^\circ) = -39.5$

$TL_{S/C} = 09:57$

Magnetic polar projection



Data selection:

$\delta t$  (min) = 15.

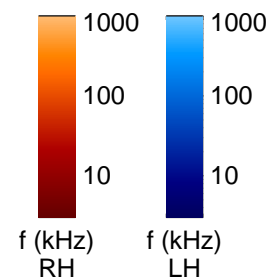
$f_{min}$  (kHz) = 3

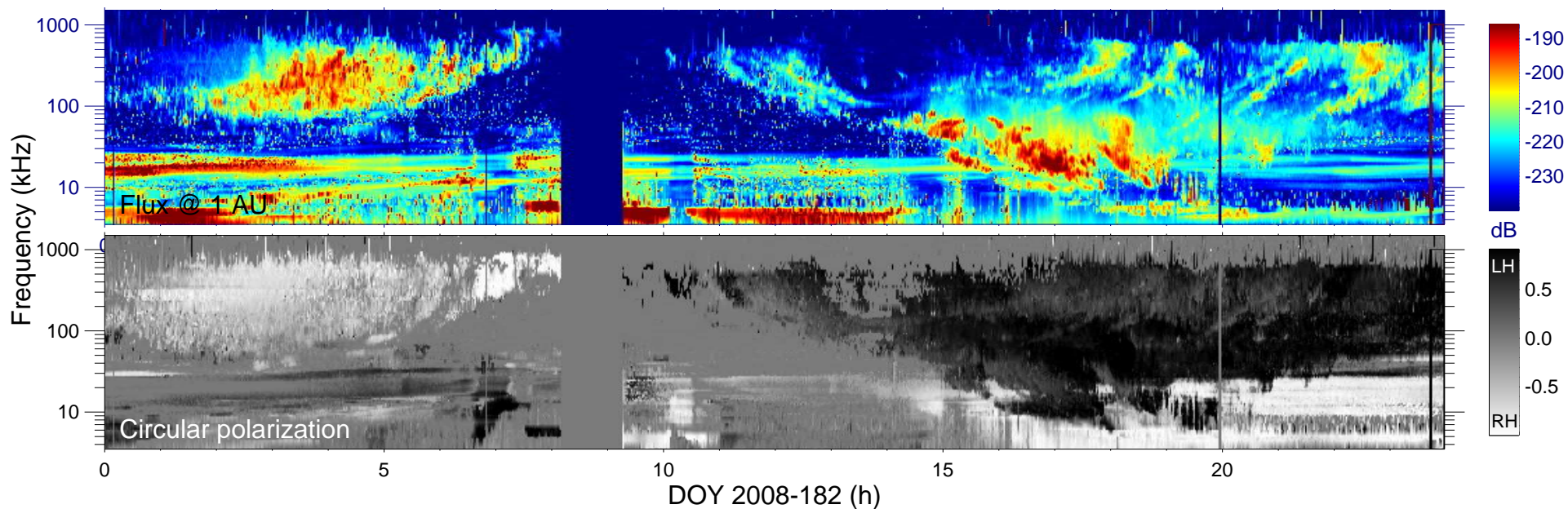
$f_{max}$  (kHz) = 1000

$V = [0.05, 1.10]$

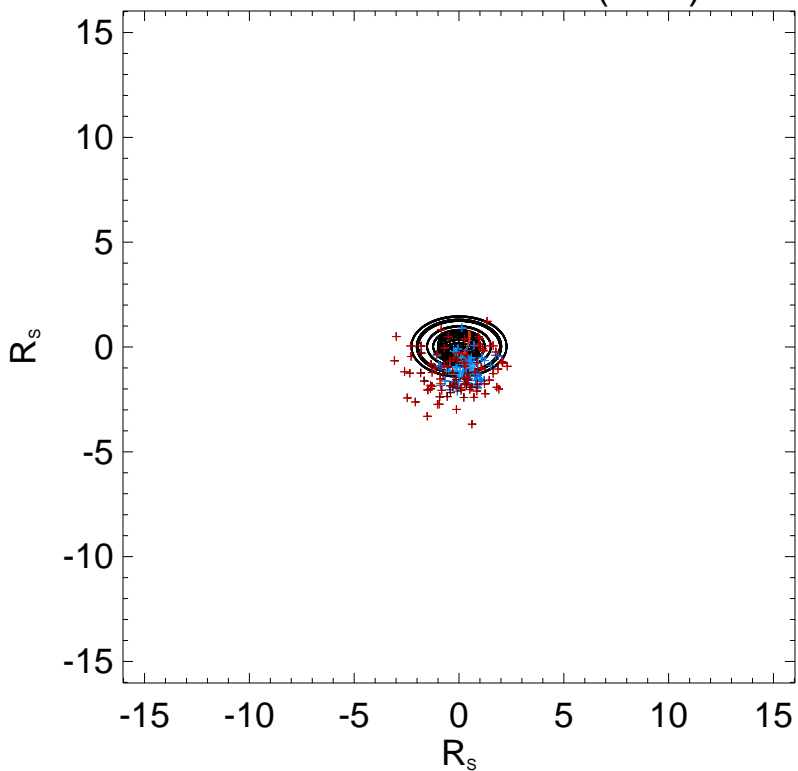
$SN_{x,z}$  (dB)  $\geq 20$

$\beta$  ( $^\circ$ )  $\geq 0$ .





Cassini field of view ( $120^\circ$ )



Ephemeris:

Day : 2008-183

Time : 23:45

$r_{S/C}$  ( $R_s$ ) = 9.25

$\lambda_{S/C}$  ( $^\circ$ ) = -39.0

$TL_{S/C}$  = 09:58

Magnetic polar projection

