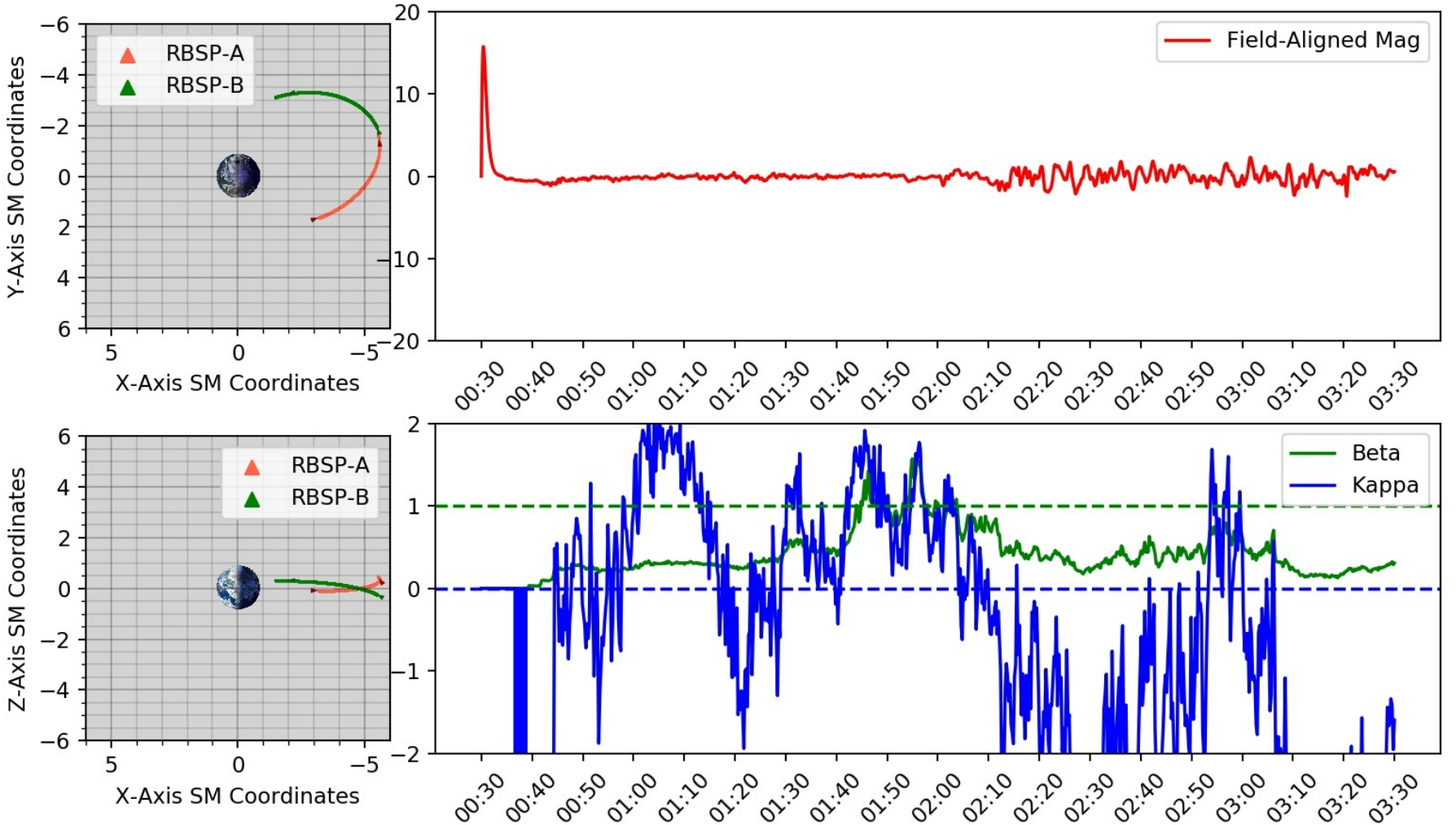
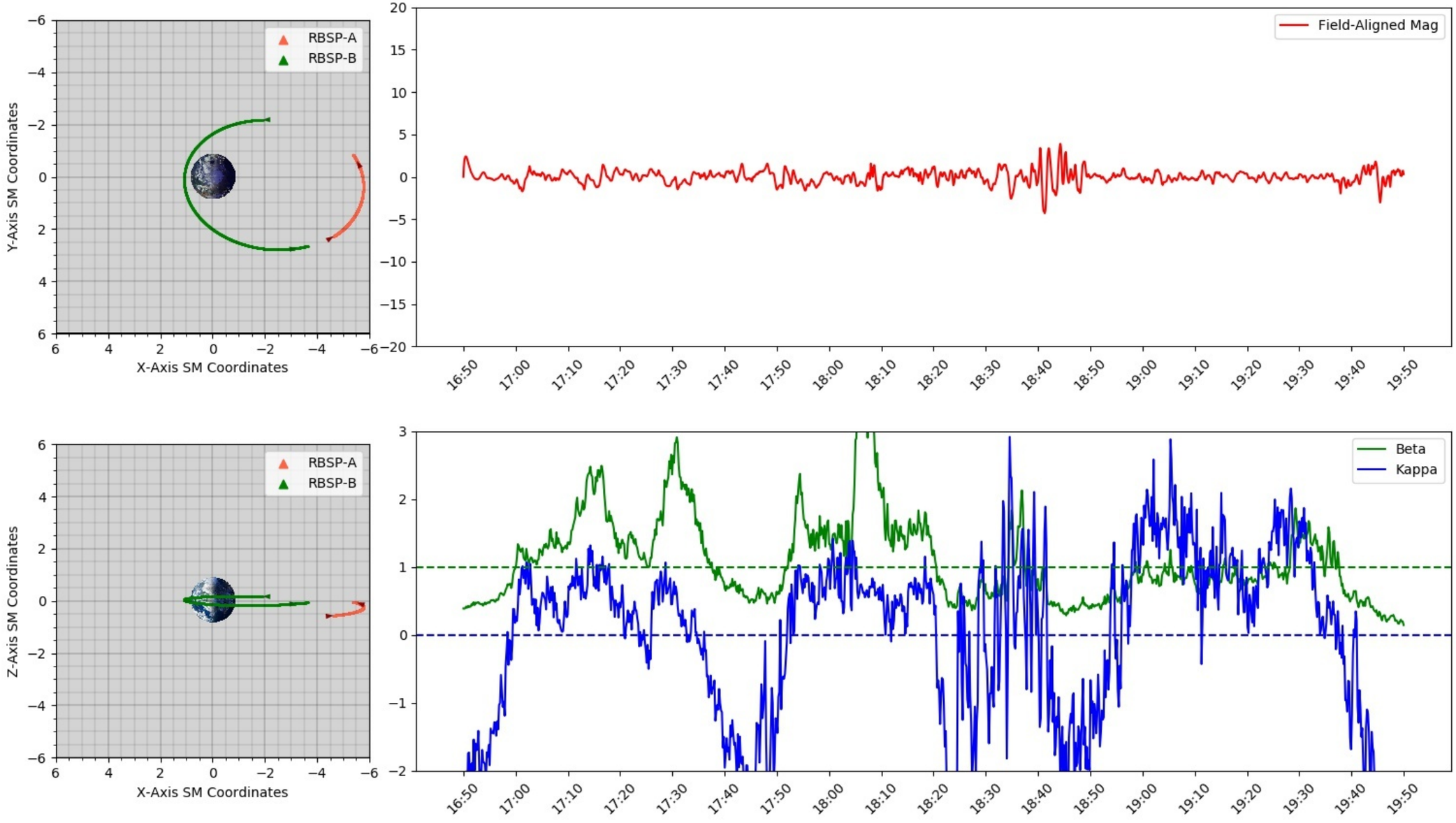

RBSP-A
RBSP-B
Y-Axis SM Coordinates
X-Axis SM Coordinates
Field-Aligned Mag
Z-Axis SM Coordinates
Beta
Kappa
00:30
00:40
00:50
01:00
01:10
01:20
01:30
01:40
01:50
02:00
02:10
02:20
02:30
02:40
02:50
03:00
03:10
03:20
03:30


RBSP-A
RBSP-B
Y-Axis SM Coordinates
X-Axis SM Coordinates
Field-Aligned Mag
Z-Axis SM Coordinates
Beta
Kappa
16:50
17:00
17:10
17:20
17:30
17:40
17:50
18:00
18:10
18:20
18:30
18:40
18:50
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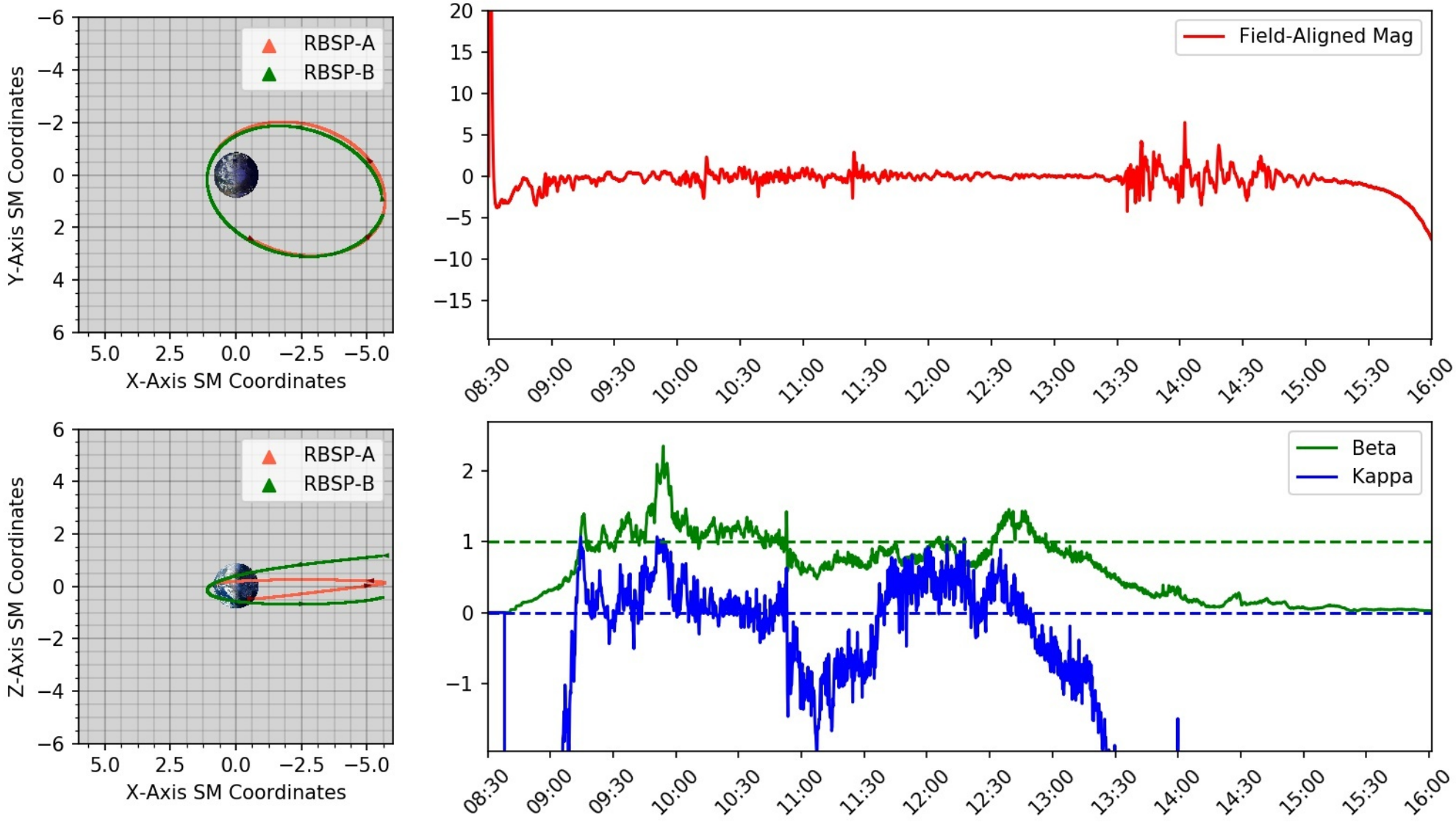
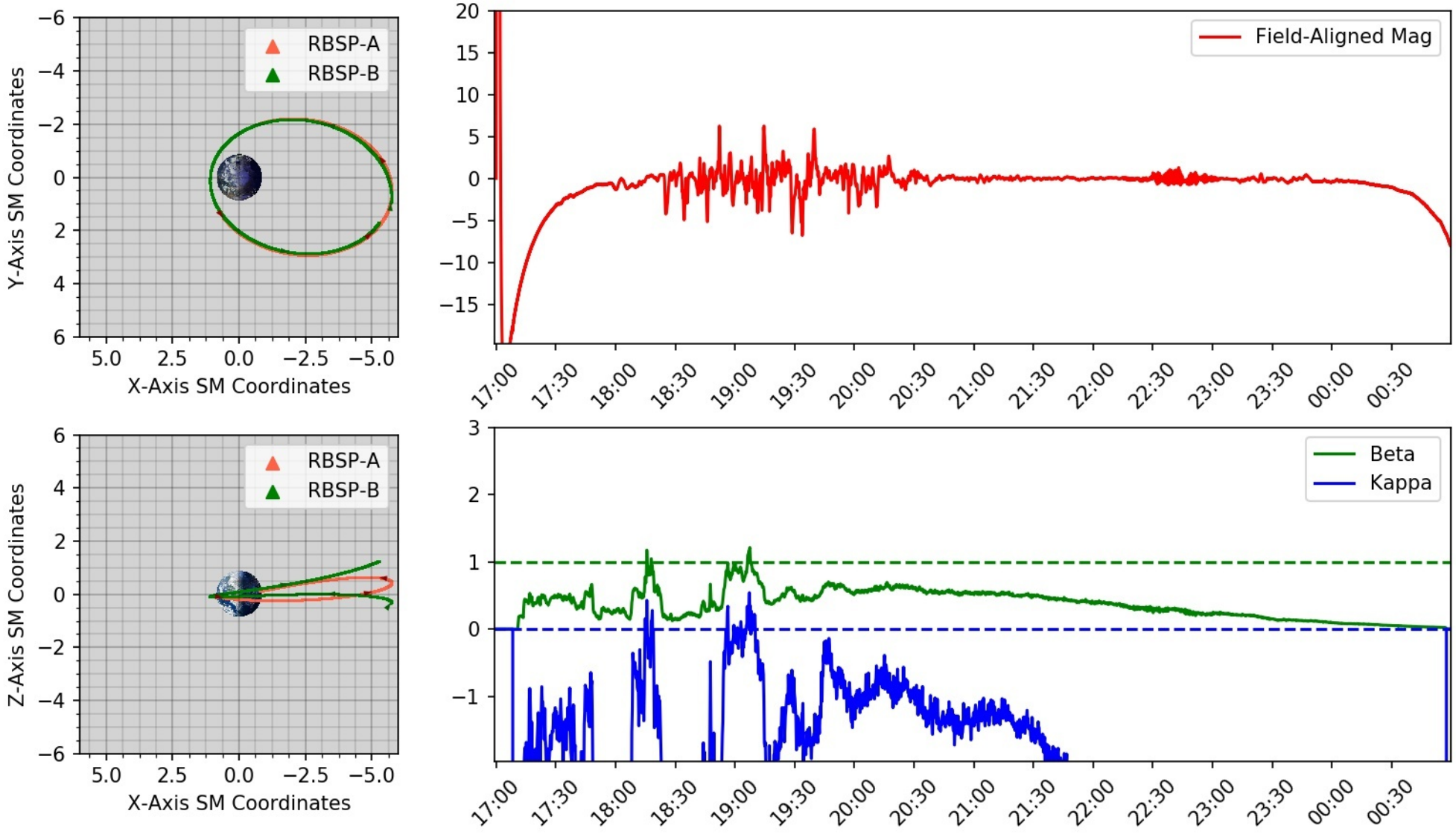
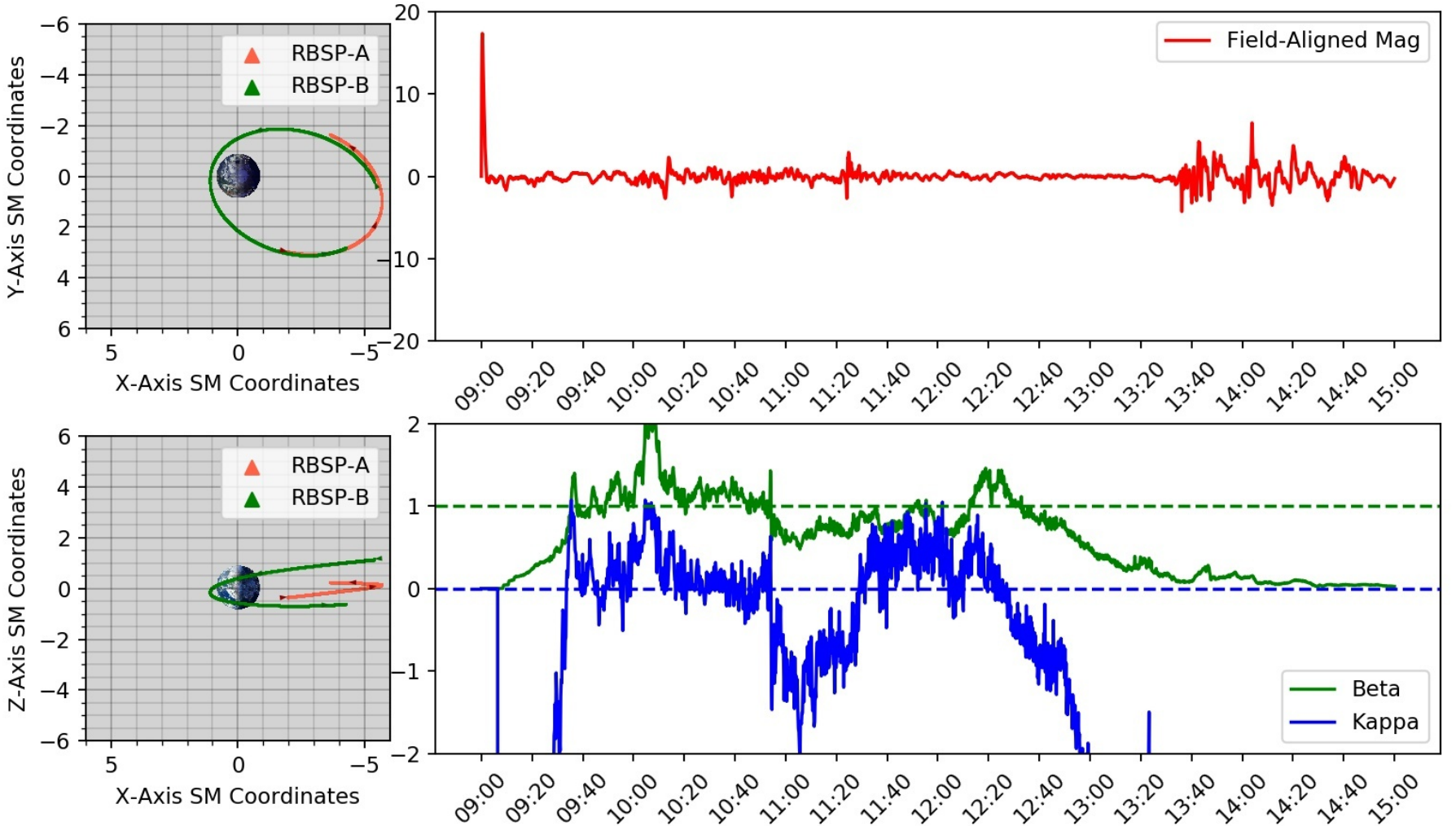
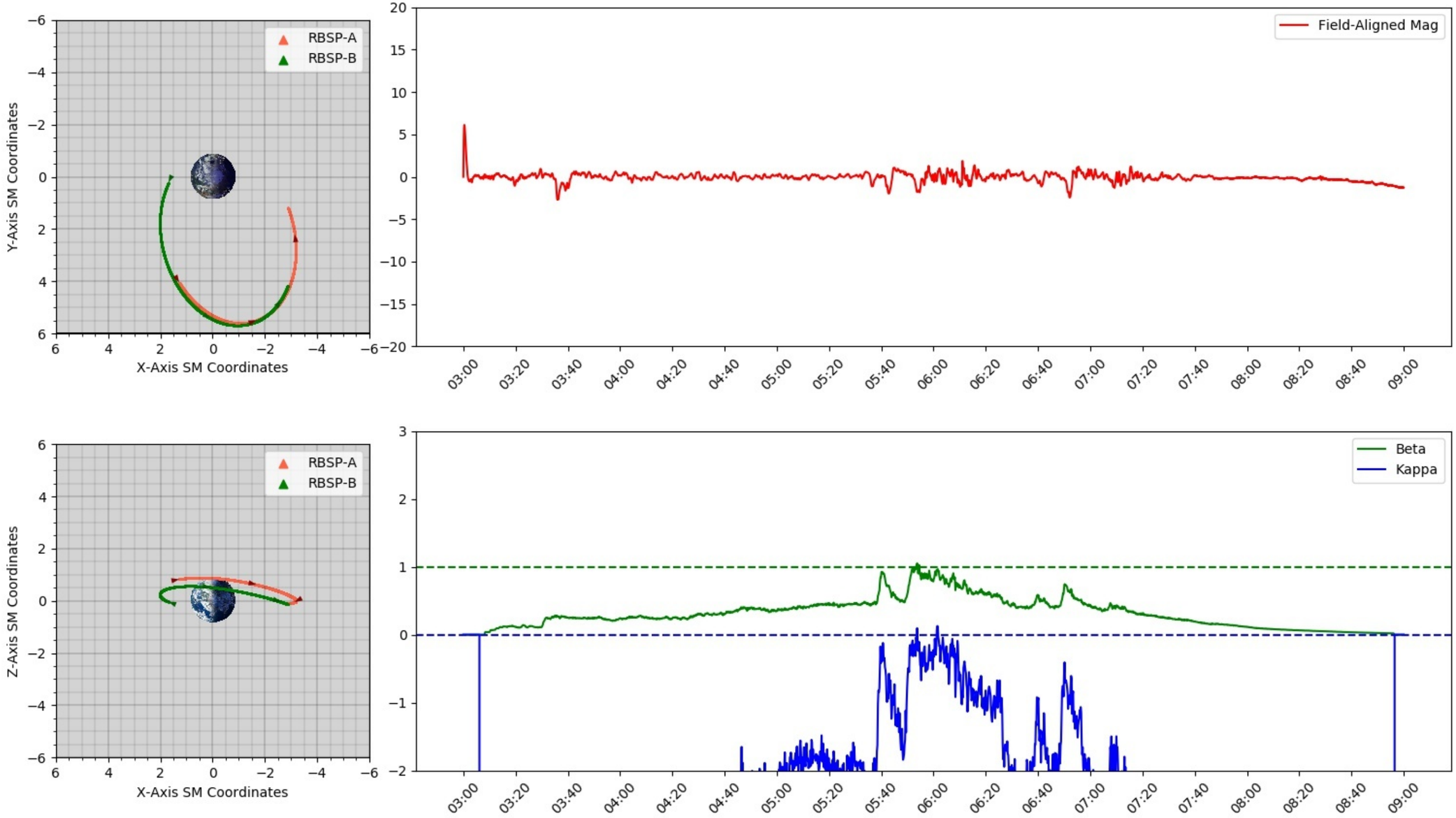
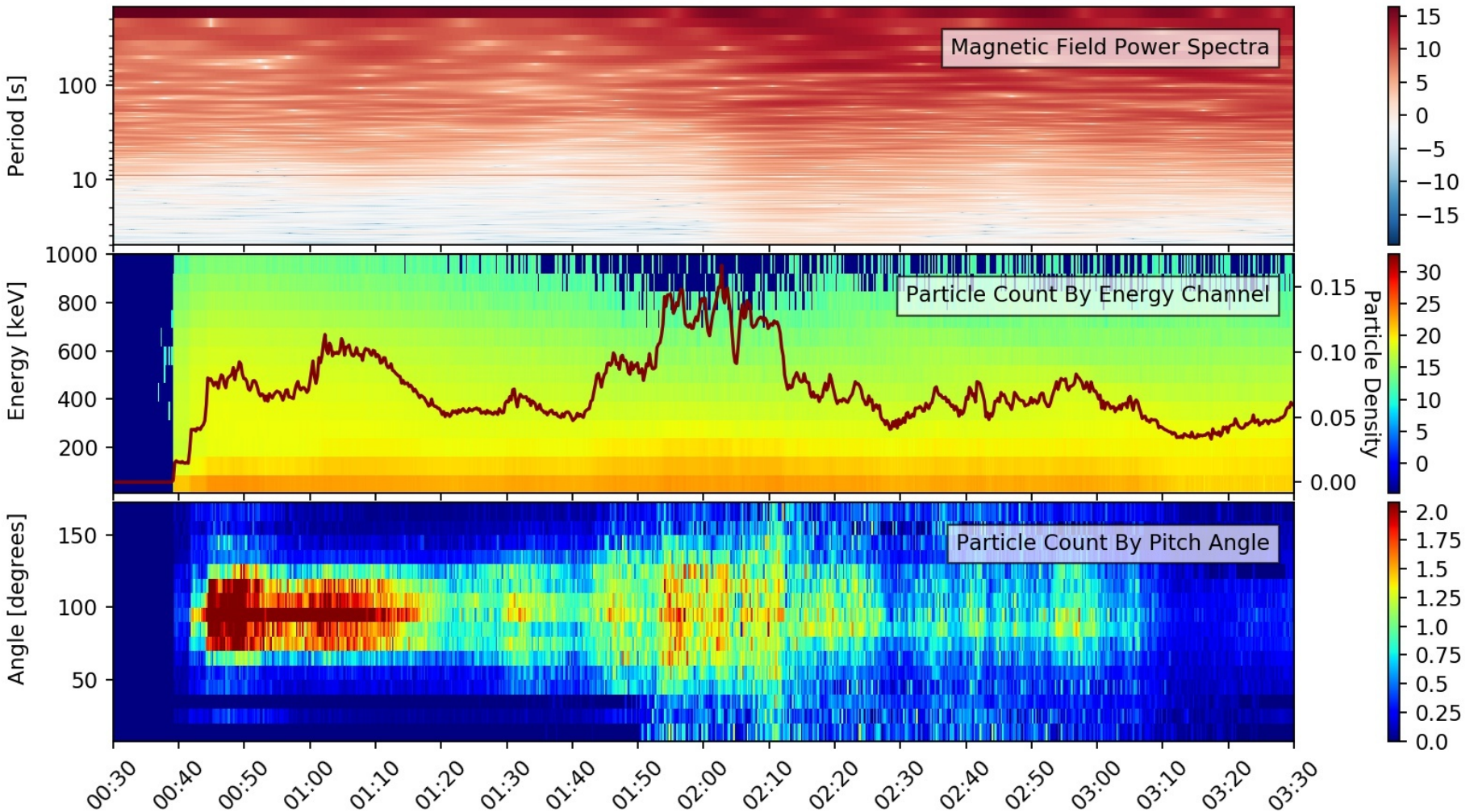
19:50

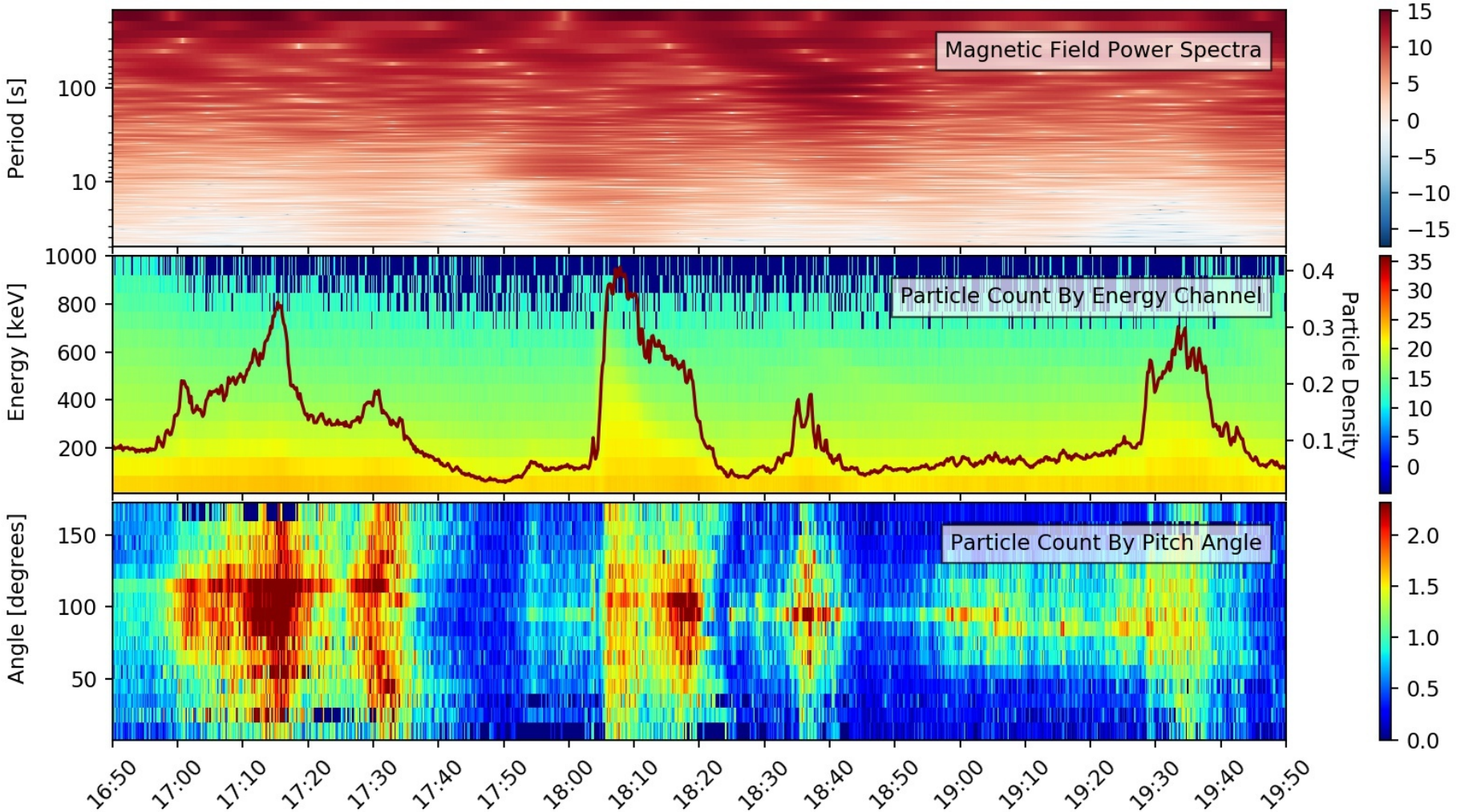

RBSP-A
RBSP-B
Y-Axis SM Coordinates
X-Axis SM Coordinates
Field-Aligned Mag
Z-Axis SM Coordinates
Beta
Kappa
08:30
09:00
09:30
10:00
10:30
11:00
11:30
12:00
12:30
13:00
13:30
14:00
14:30
15:00
15:30
16:00

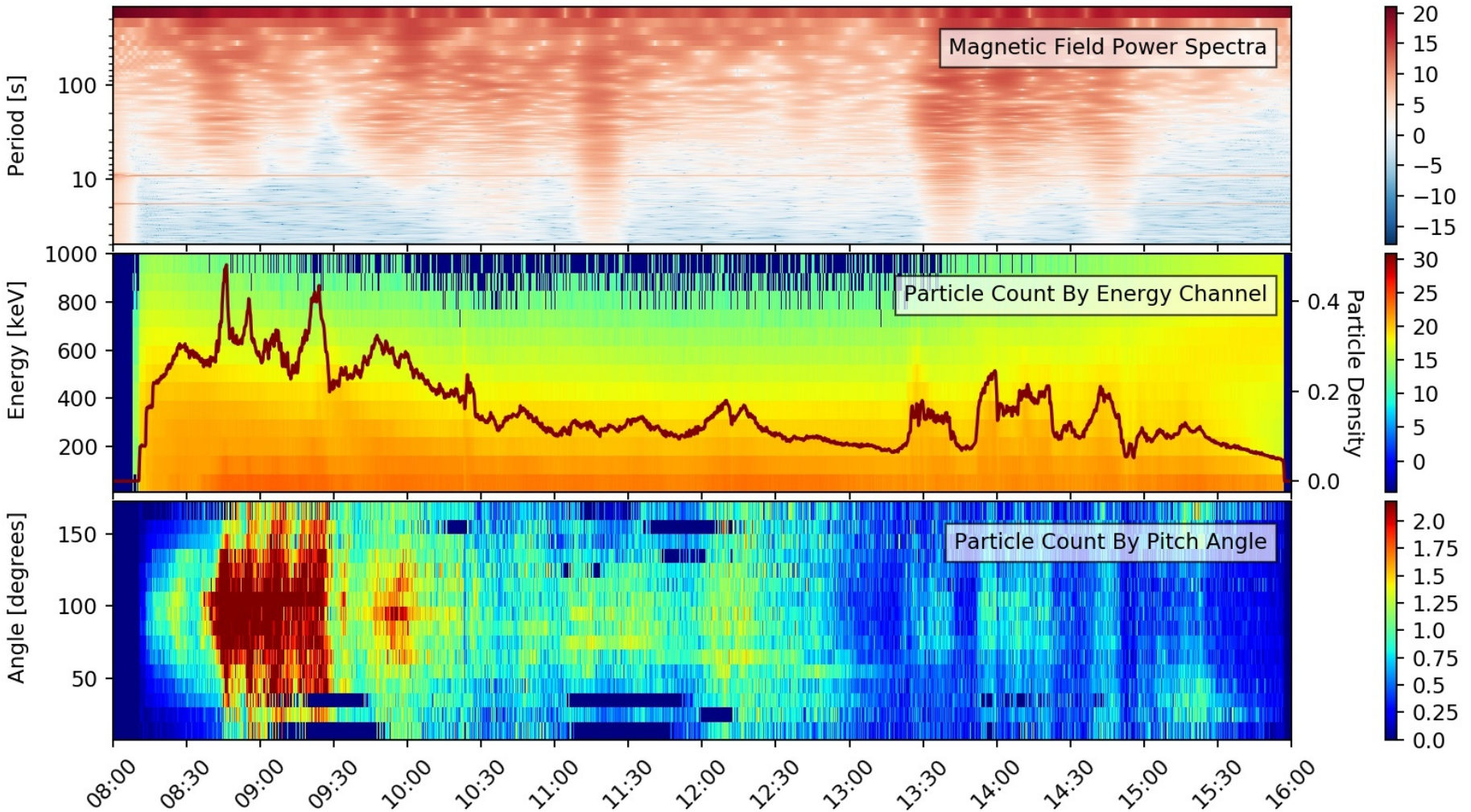

RBSP-A
RBSP-B
Y-Axis SM Coordinates
X-Axis SM Coordinates
Field-Aligned Mag
Z-Axis SM Coordinates
Beta
Kappa
17:00
17:30
18:00
18:30
19:00
19:30
20:00
20:30
21:00
21:30
22:00
22:30
23:00
23:30
00:00
00:30

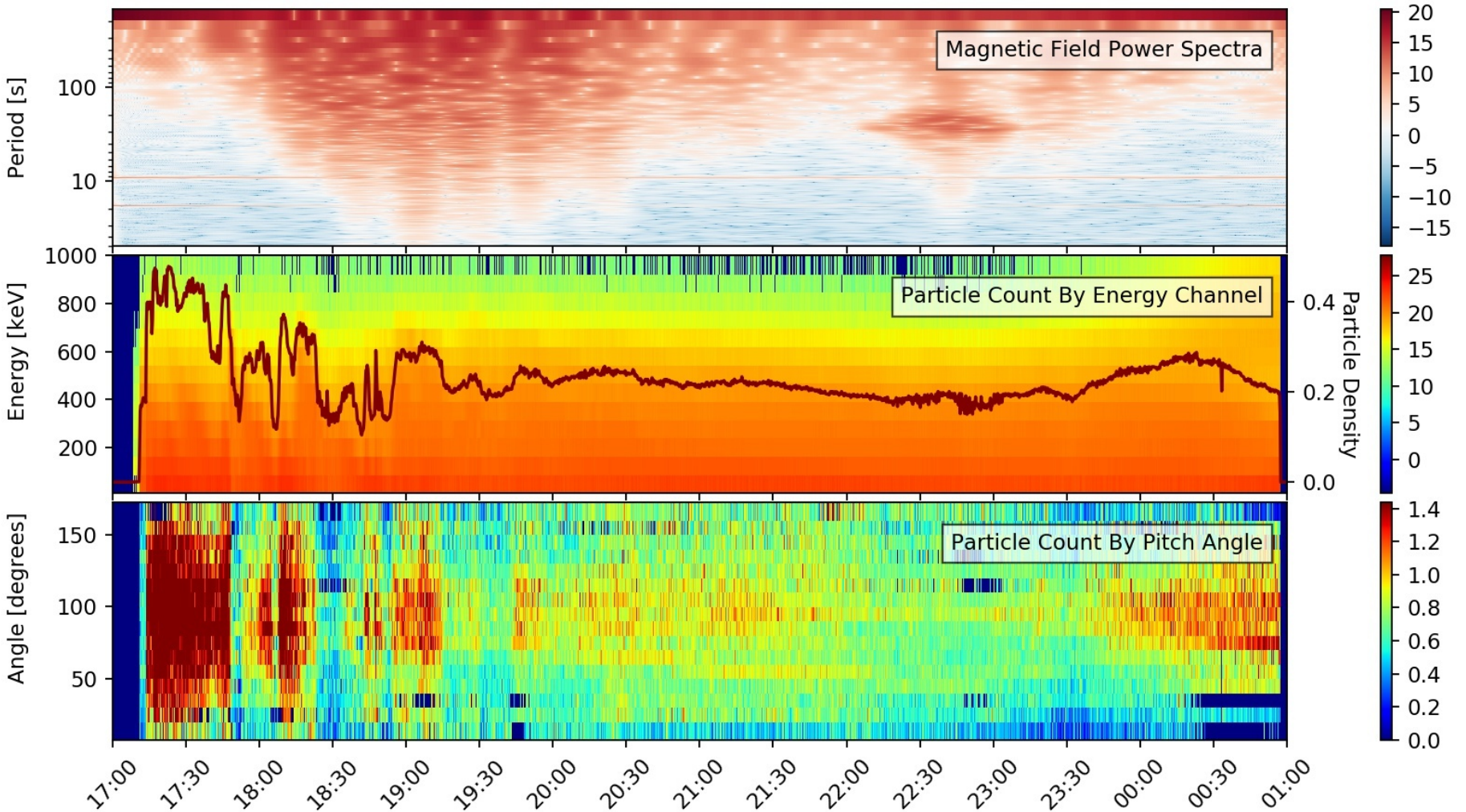

RBSP-A
RBSP-B
Y-Axis SM Coordinates
X-Axis SM Coordinates
Field-Aligned Mag
Z-Axis SM Coordinates
Beta
Kappa
09:00
09:20
09:40
10:00
10:20
10:40
11:00
11:20
11:40
12:00
12:20
12:40
13:00
13:20
13:40
14:00
14:20
14:40
15:00


RBSP-A
RBSP-B
Y-Axis SM Coordinates
X-Axis SM Coordinates
Field-Aligned Mag
Z-Axis SM Coordinates
Beta
Kappa
03:00
03:20
03:40
04:00
04:20
04:40
05:00
05:20
05:40
06:00
06:20
06:40
07:00
07:20
07:40
08:00
08:20
08:40
09:00


Magnetic Field Power Spectra
Period [s]
100
10
1000
15
10
5
0
−5
−10
−15
Particle Count By Energy Channel
Energy [keV]
800
600
400
200
0.15
0.10
0.05
0.00
Particle Density
30
25
20
15
10
5
0
Particle Count By Pitch Angle
Angle [degrees]
150
100
50
2.0
1.75
1.5
1.25
1.0
0.75
0.5
0.25
0.0
00:30
00:40
00:50
01:00
01:10
01:20
01:30
01:40
01:50
02:00
02:10
02:20
02:30
02:40
02:50
03:00
03:10
03:20
03:30


Magnetic Field Power Spectra
Period [s]
100
10
15
10
5
0
−5
−10
−15
Particle Count By Energy Channel
Energy [keV]
1000
800
600
400
200
Particle Density
0.4
0.3
0.2
0.1
35
30
25
20
15
10
5
0
Particle Count By Pitch Angle
Angle [degrees]
150
100
50
2.0
1.5
1.0
0.5
0.0
16:50
17:00
17:10
17:20
17:30
17:40
17:50
18:00
18:10
18:20
18:30
18:40
18:50
19:00
19:10
19:20
19:30
19:40
19:50


Magnetic Field Power Spectra
Period [s]
100
10
1000
20
15
10
5
0
−5
−10
−15
Particle Count By Energy Channel
Energy [keV]
800
600
400
200
0.4
0.2
0.0
Particle Density
30
25
20
15
10
5
0
Particle Count By Pitch Angle
Angle [degrees]
150
100
50
2.0
1.75
1.5
1.25
1.0
0.75
0.5
0.25
0.0
08:00
08:30
09:00
09:30
10:00
10:30
11:00
11:30
12:00
12:30
13:00
13:30
14:00
14:30
15:00
15:30
16:00


Magnetic Field Power Spectra
Period [s]
100
10
1000
20
15
10
5
0
−5
−10
−15
Particle Count By Energy Channel
Energy [keV]
800
600
400
200
0.4
0.2
0.0
Particle Density
25
20
15
10
5
0
Particle Count By Pitch Angle
Angle [degrees]
150
100
50
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
17:00
17:30
18:00
18:30
19:00
19:30
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22:00
22:30
23:00
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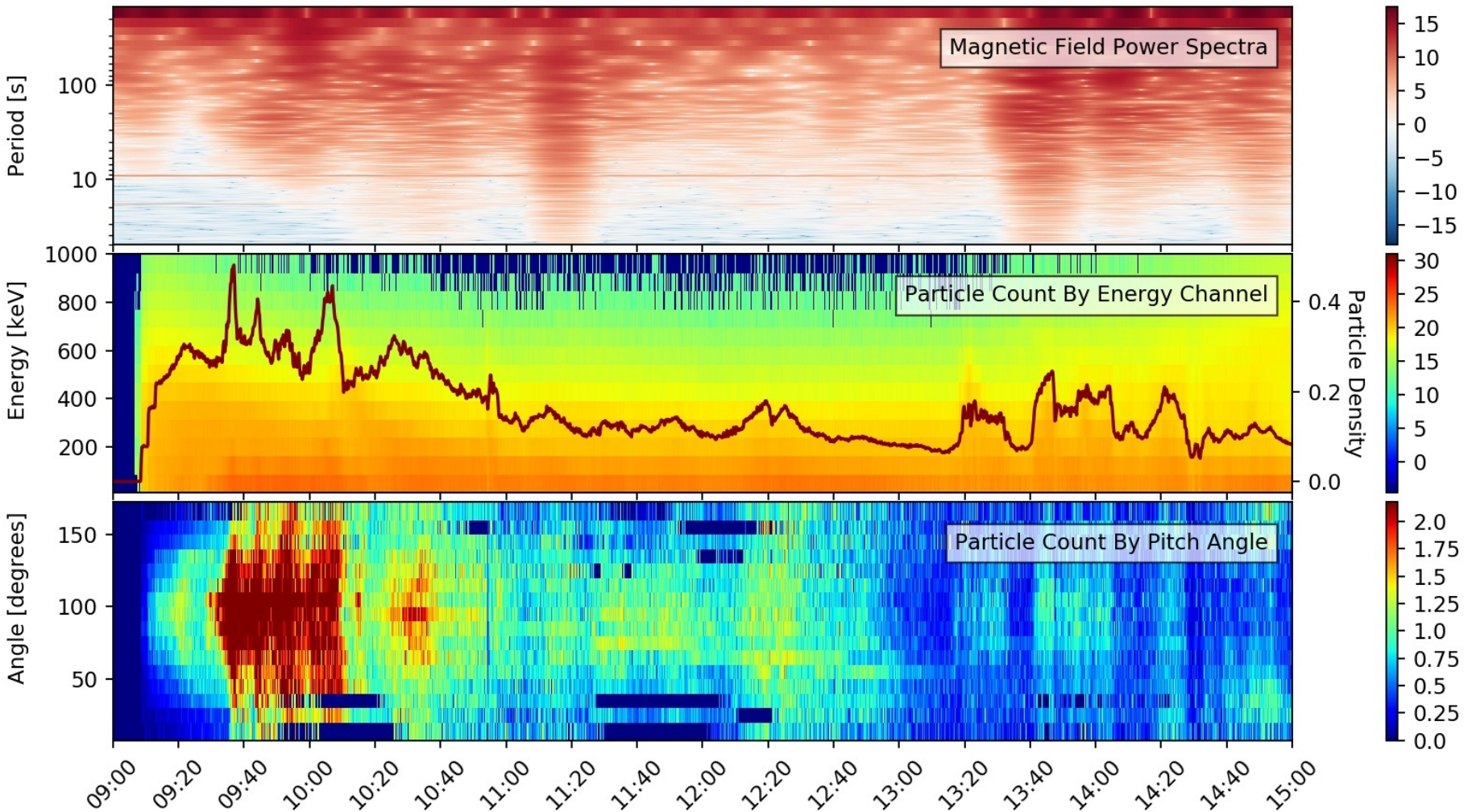
00:30
01:00


Magnetic Field Power Spectra
Period [s]
100
10
1000
15
10
5
0
−5
−10
−15
Particle Count By Energy Channel
Energy [keV]
800
600
400
200
0.4
0.2
0.0
Particle Density
30
25
20
15
10
5
0
Particle Count By Pitch Angle
Angle [degrees]
150
100
50
2.0
1.75
1.5
1.25
1.0
0.75
0.5
0.25
0.0
09:00
09:20
09:40
10:00
10:20
10:40
11:00
11:20
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12:20
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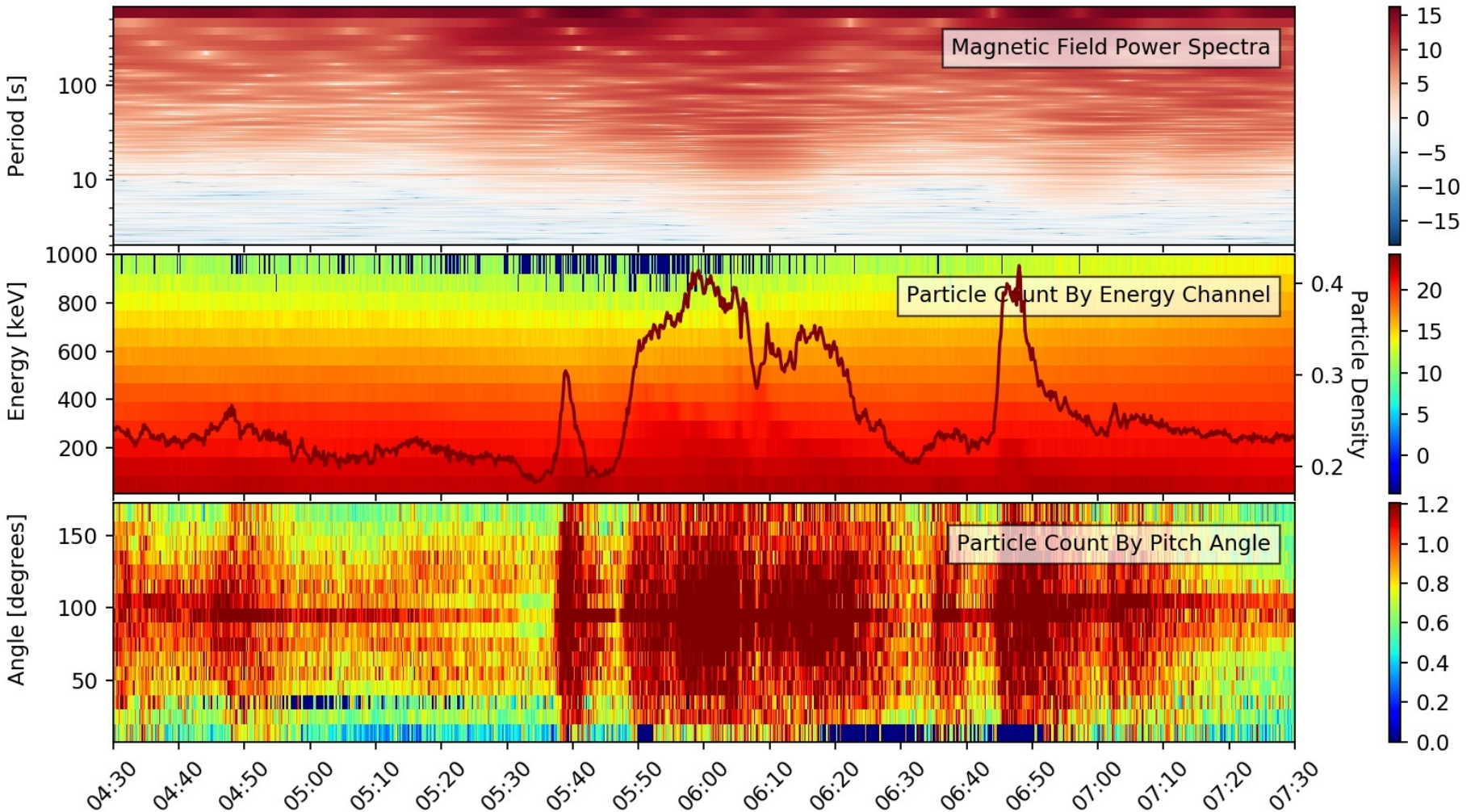
14:40
15:00


Magnetic Field Power Spectra
Period [s]
100
10
15
10
5
0
−5
−10
−15
Particle Count By Energy Channel
Energy [keV]
1000
800
600
400
200
0.4
0.3
0.2
Particle Density
20
15
10
5
0
Particle Count By Pitch Angle
Angle [degrees]
150
100
50
1.2
1.0
0.8
0.6
0.4
0.2
0.0
04:30
04:40
04:50
05:00
05:10
05:20
05:30
05:40
05:50
06:00
06:10
06:20
06:30
06:40
06:50
07:00
07:10
07:20
07:30