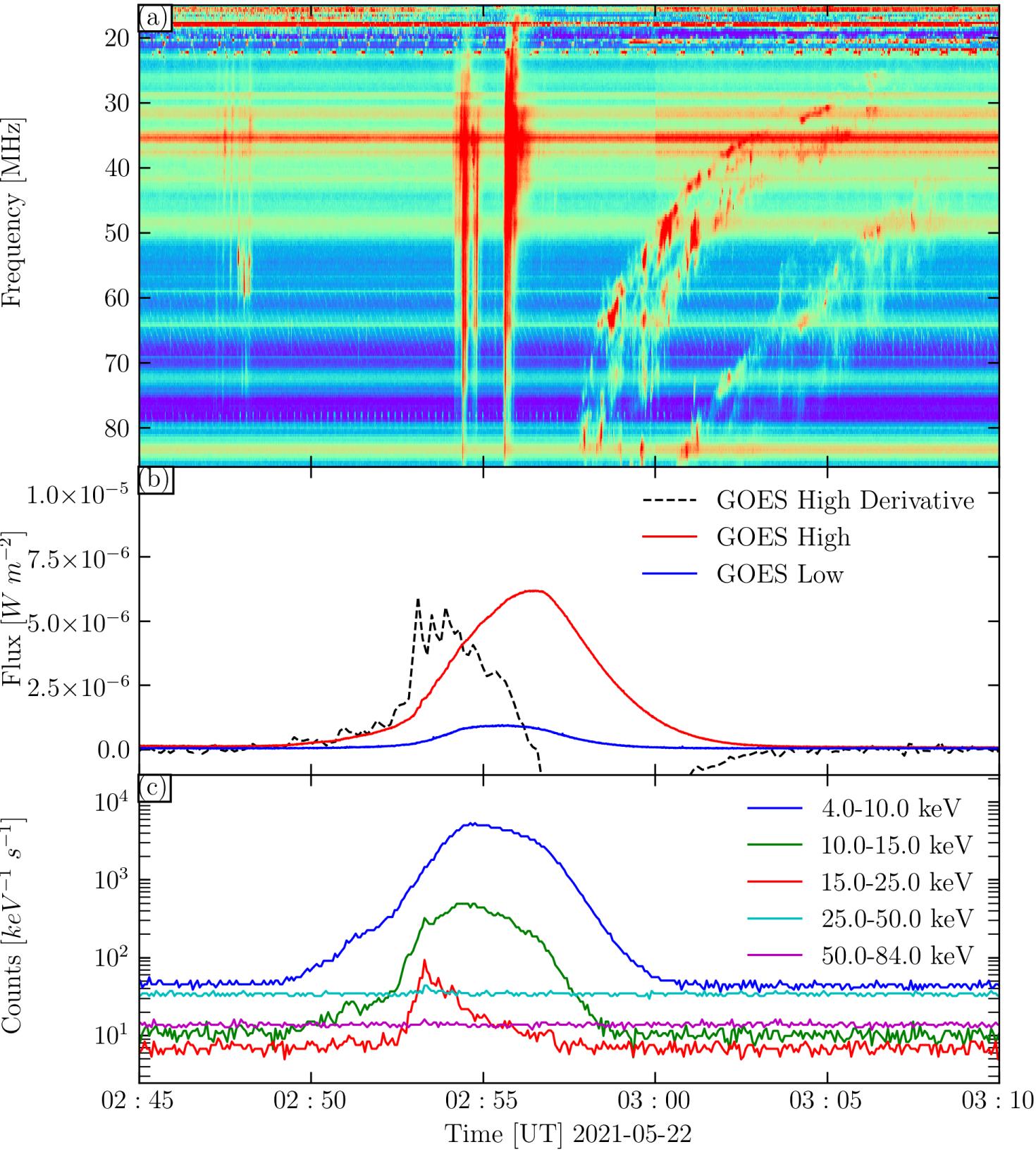
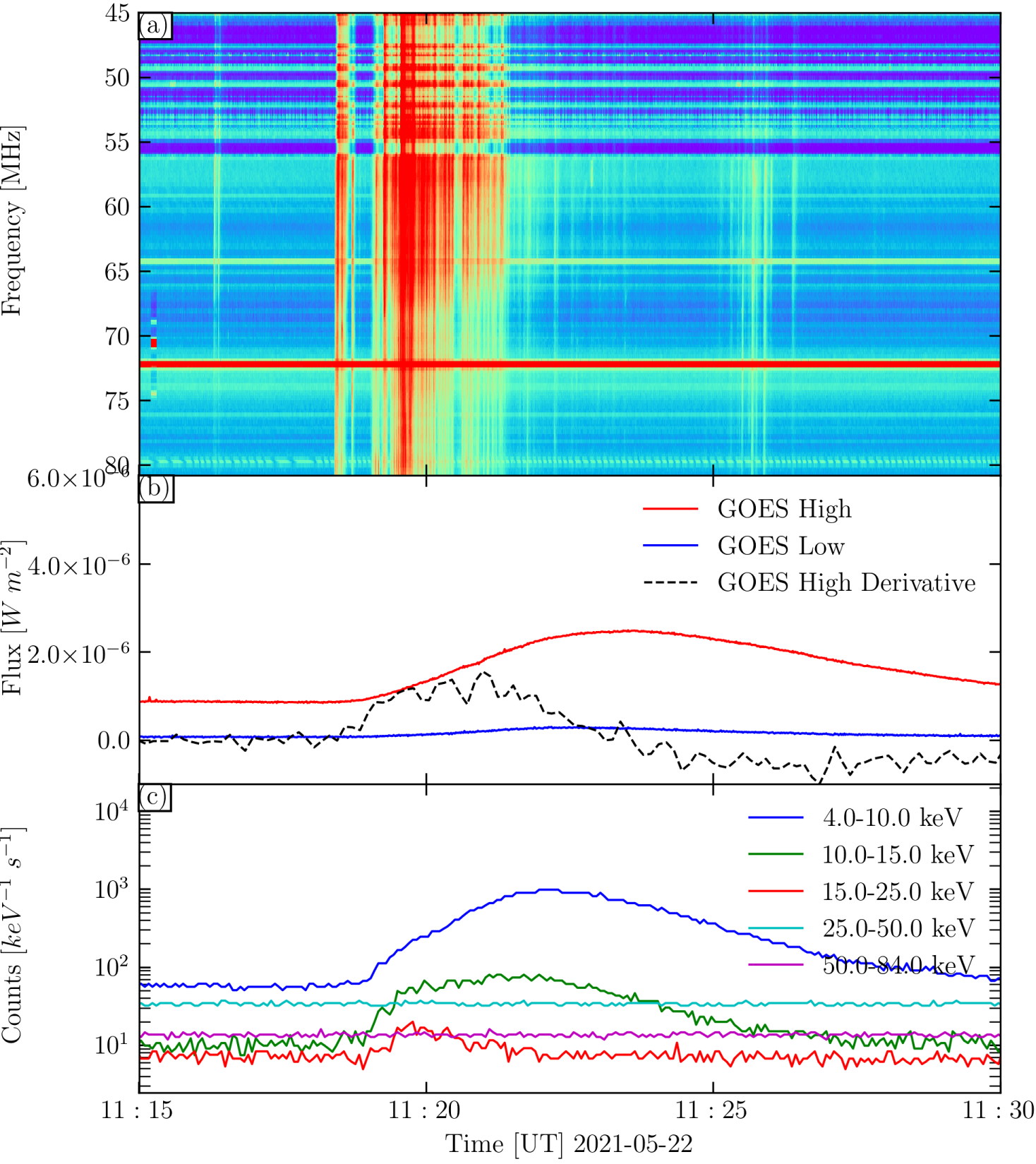
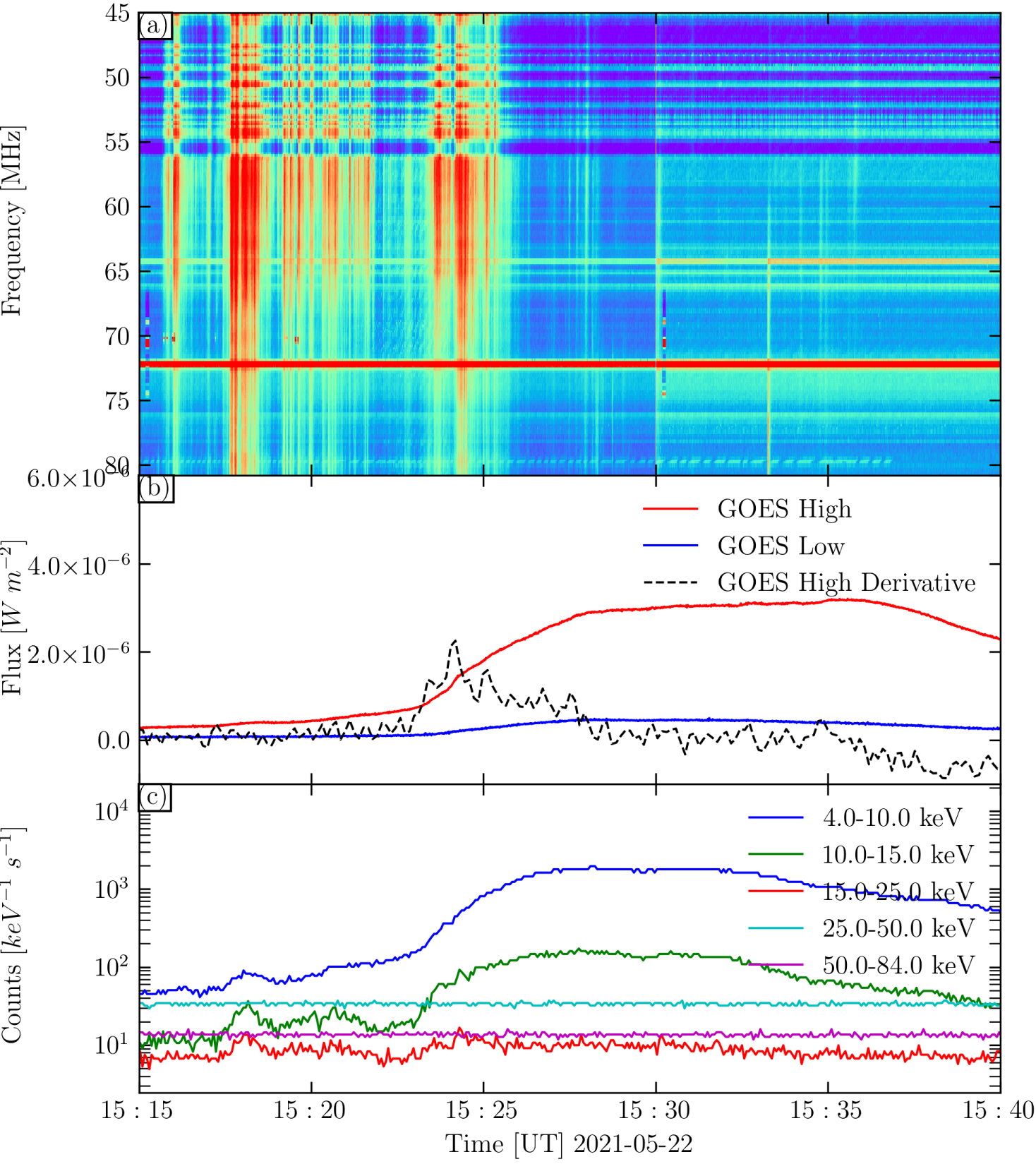
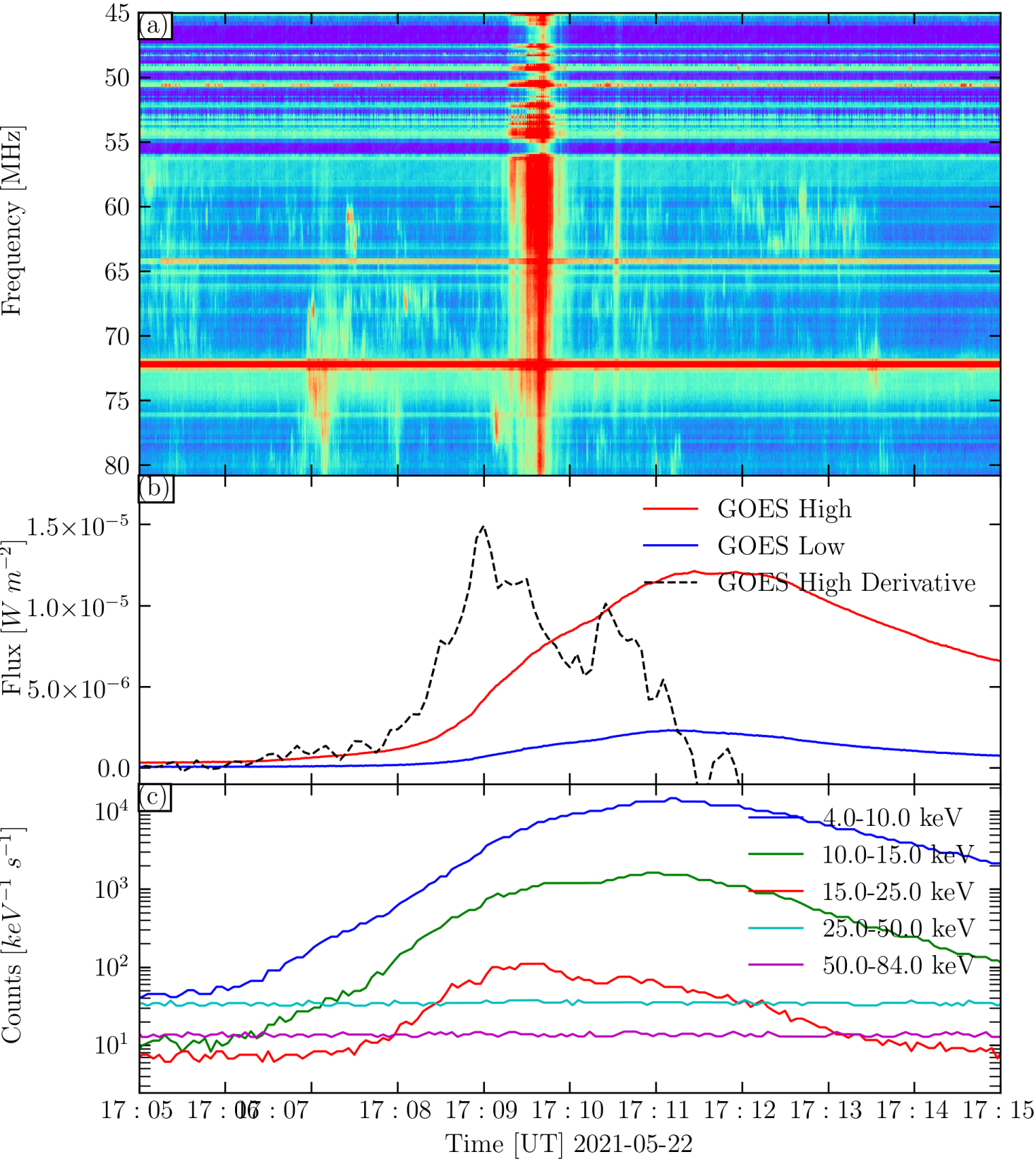
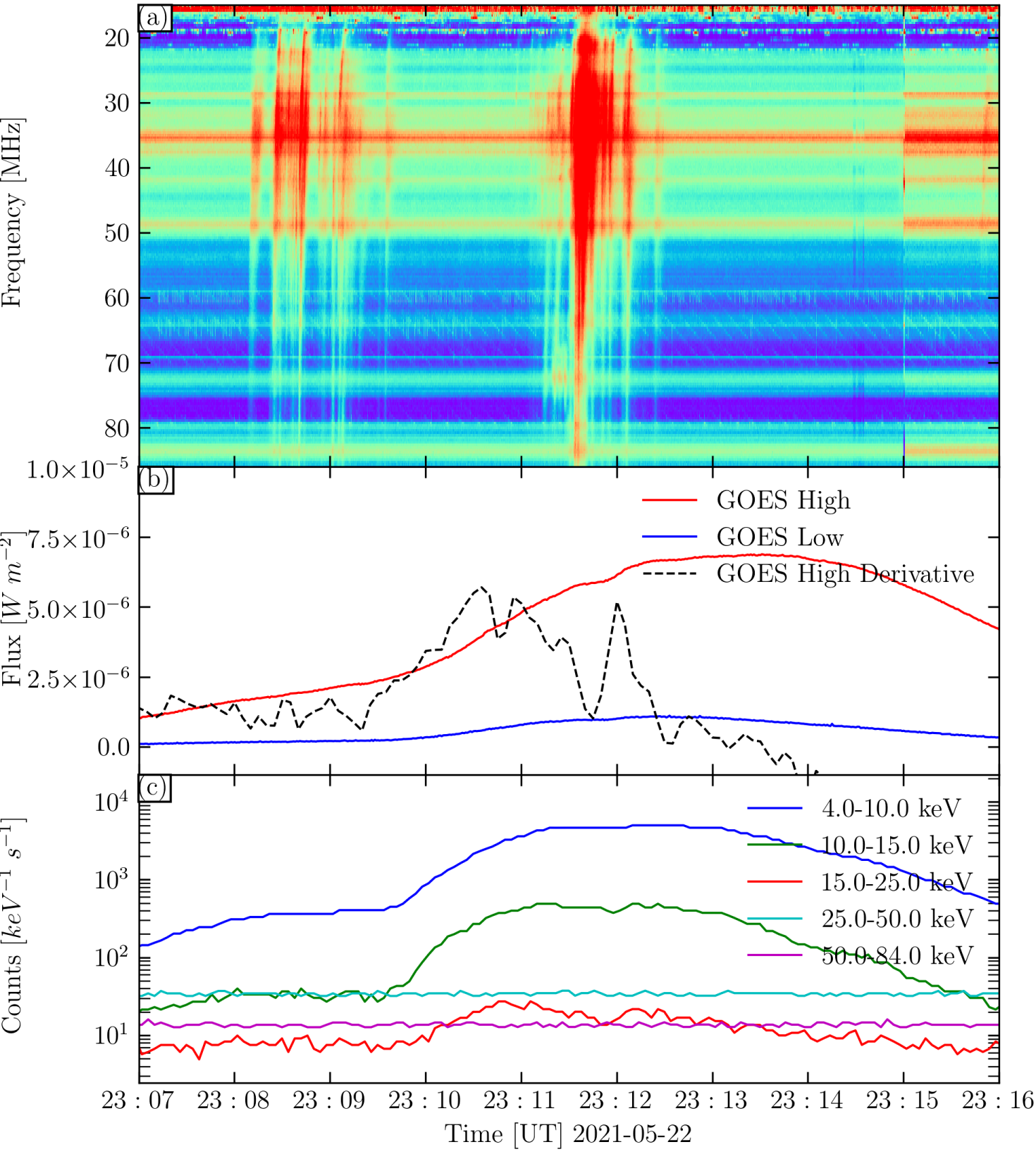
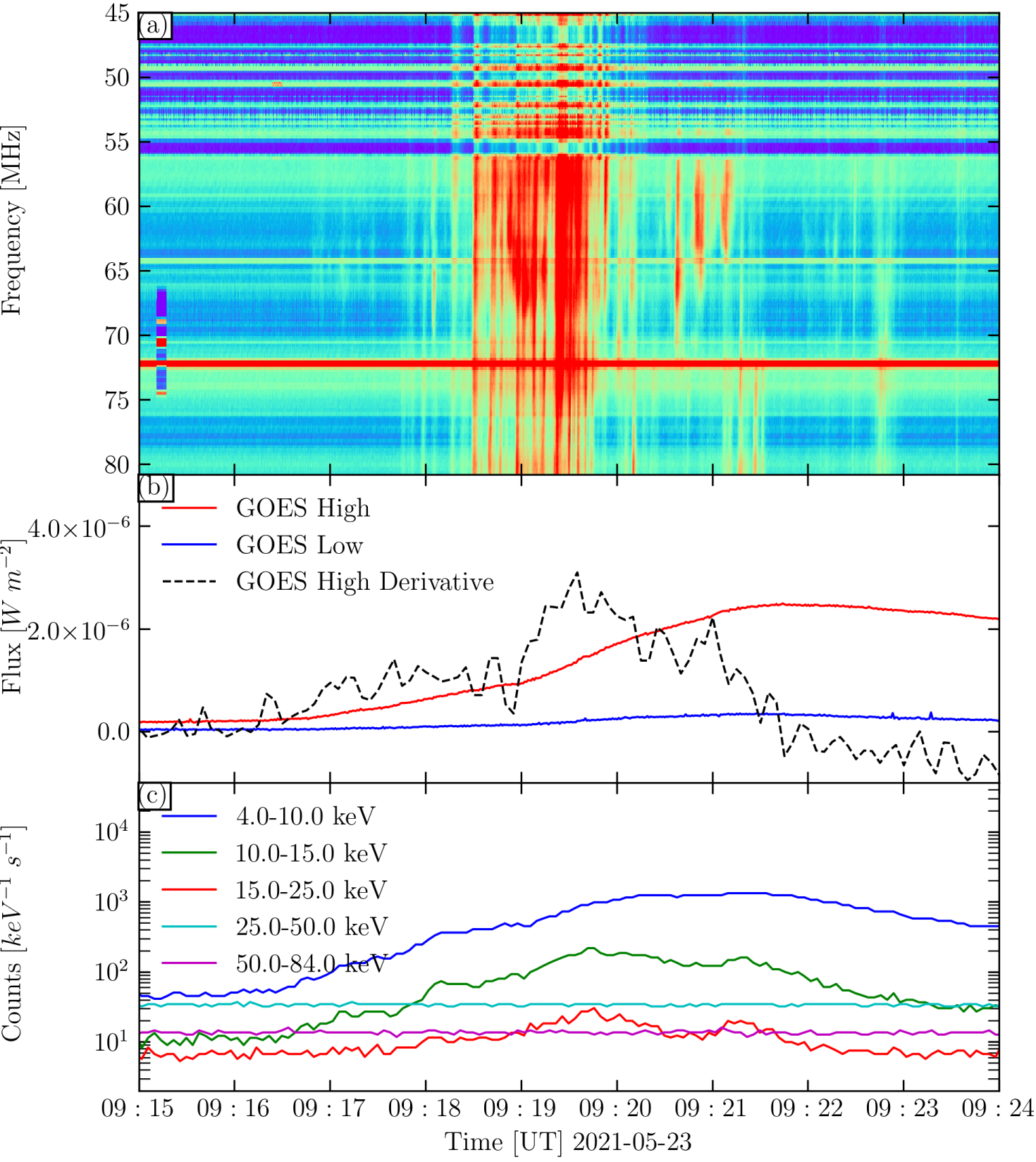

(a)
Frequency [MHz]
20
30
40
50
60
70
80
(b)
Flux [$W\ m^{-2}$]
1.0×10^{-5}
7.5×10^{-6}
5.0×10^{-6}
2.5×10^{-6}
0.0
GOES High Derivative
GOES High
GOES Low
(c)
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
02 : 45
02 : 50
02 : 55
03 : 00
03 : 05
03 : 10
Time [UT] 2021-05-22

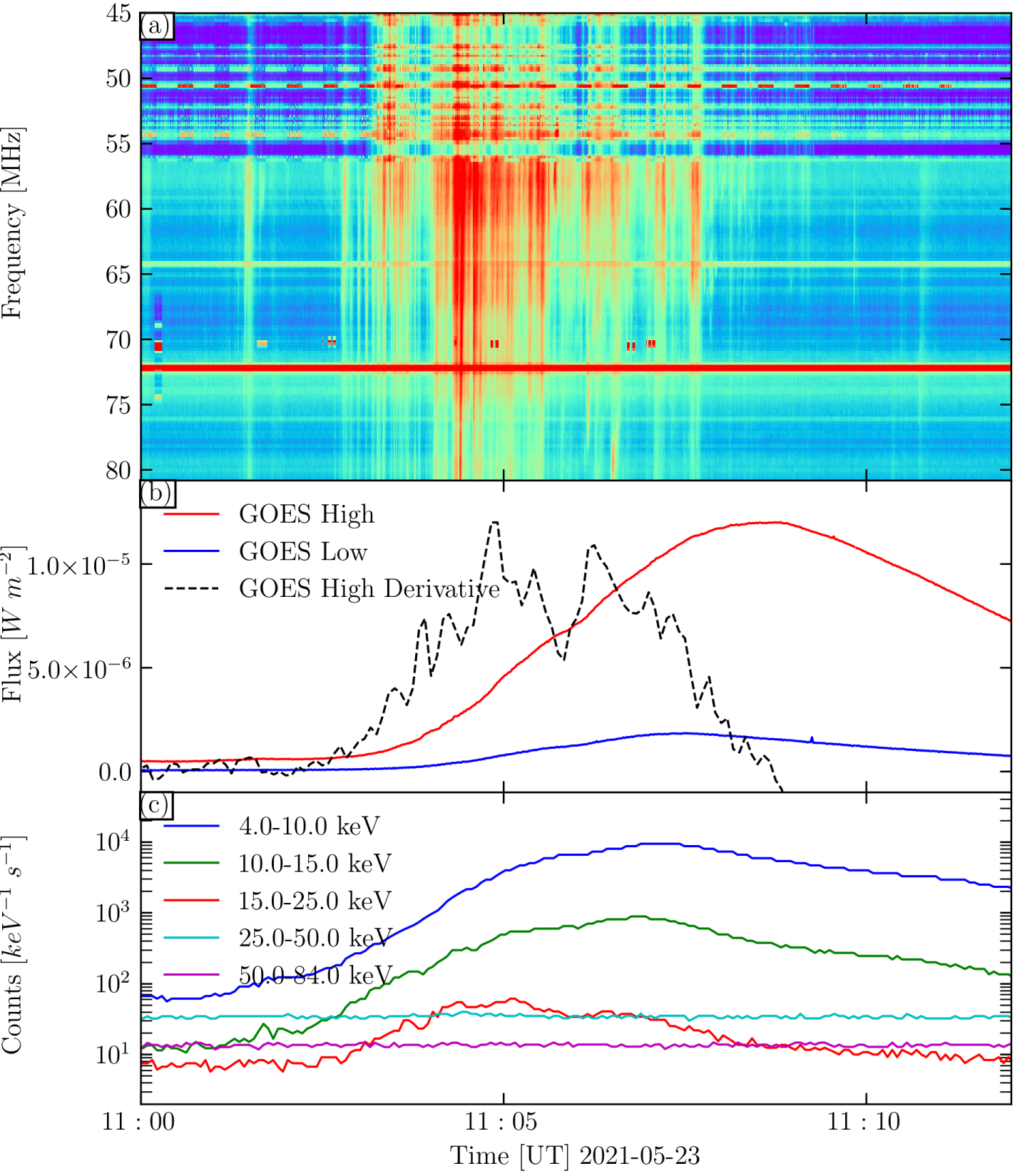

(a)
Frequency [MHz]
45
50
55
60
65
70
75
80
(b)
Flux [$W\ m^{-2}$]
6.0×10^{-6}
4.0×10^{-6}
2.0×10^{-6}
0.0
GOES High
GOES Low
GOES High Derivative
(c)
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
11 : 15
11 : 20
11 : 25
11 : 30
Time [UT] 2021-05-22

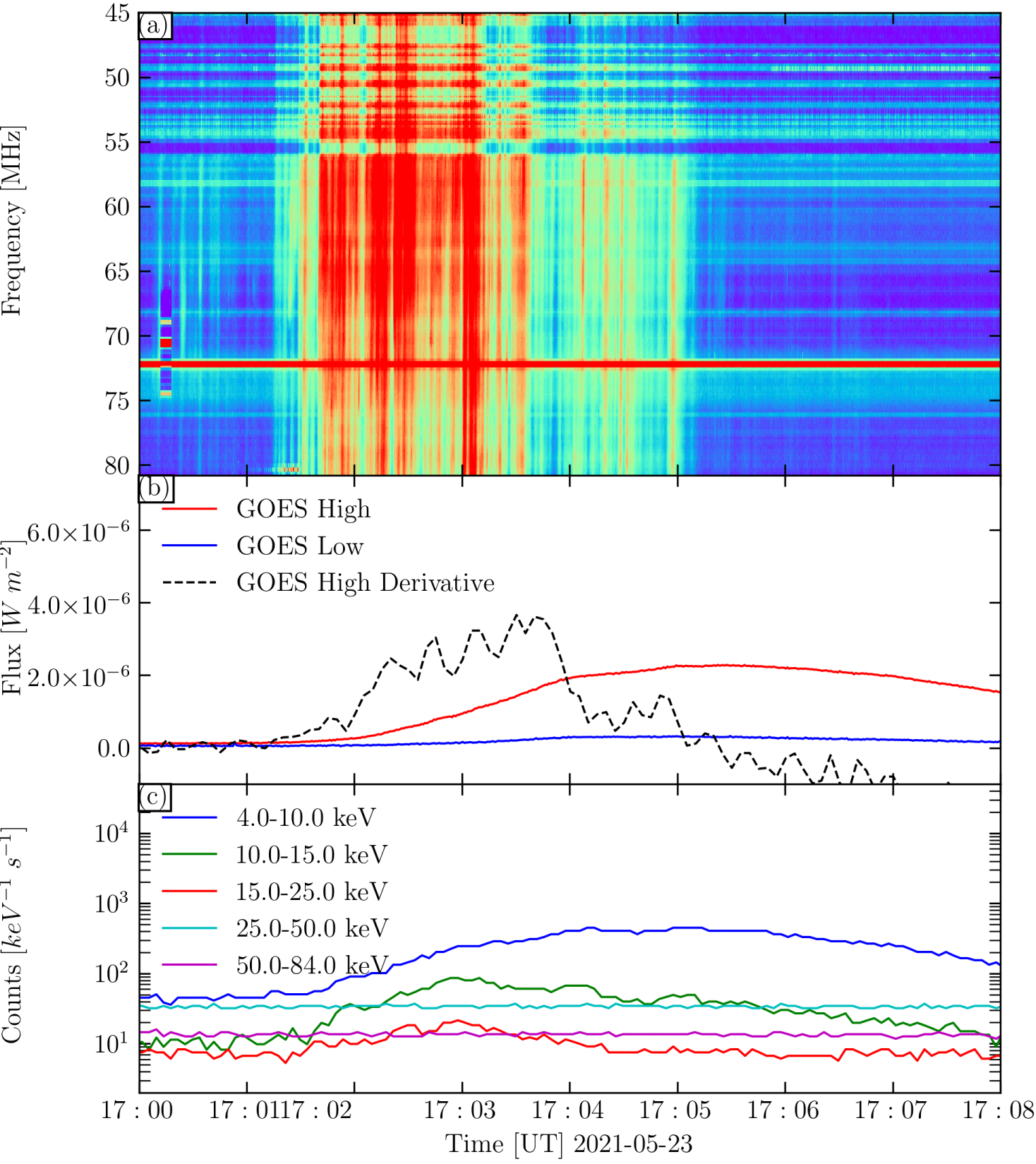

(a)
Frequency [MHz]
45
50
55
60
65
70
75
80
(b)
Flux [$W\ m^{-2}$]
6.0×10^{-6}
4.0×10^{-6}
2.0×10^{-6}
0.0
GOES High
GOES Low
GOES High Derivative
(c)
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
15 : 15
15 : 20
15 : 25
15 : 30
15 : 35
15 : 40
Time [UT] 2021-05-22

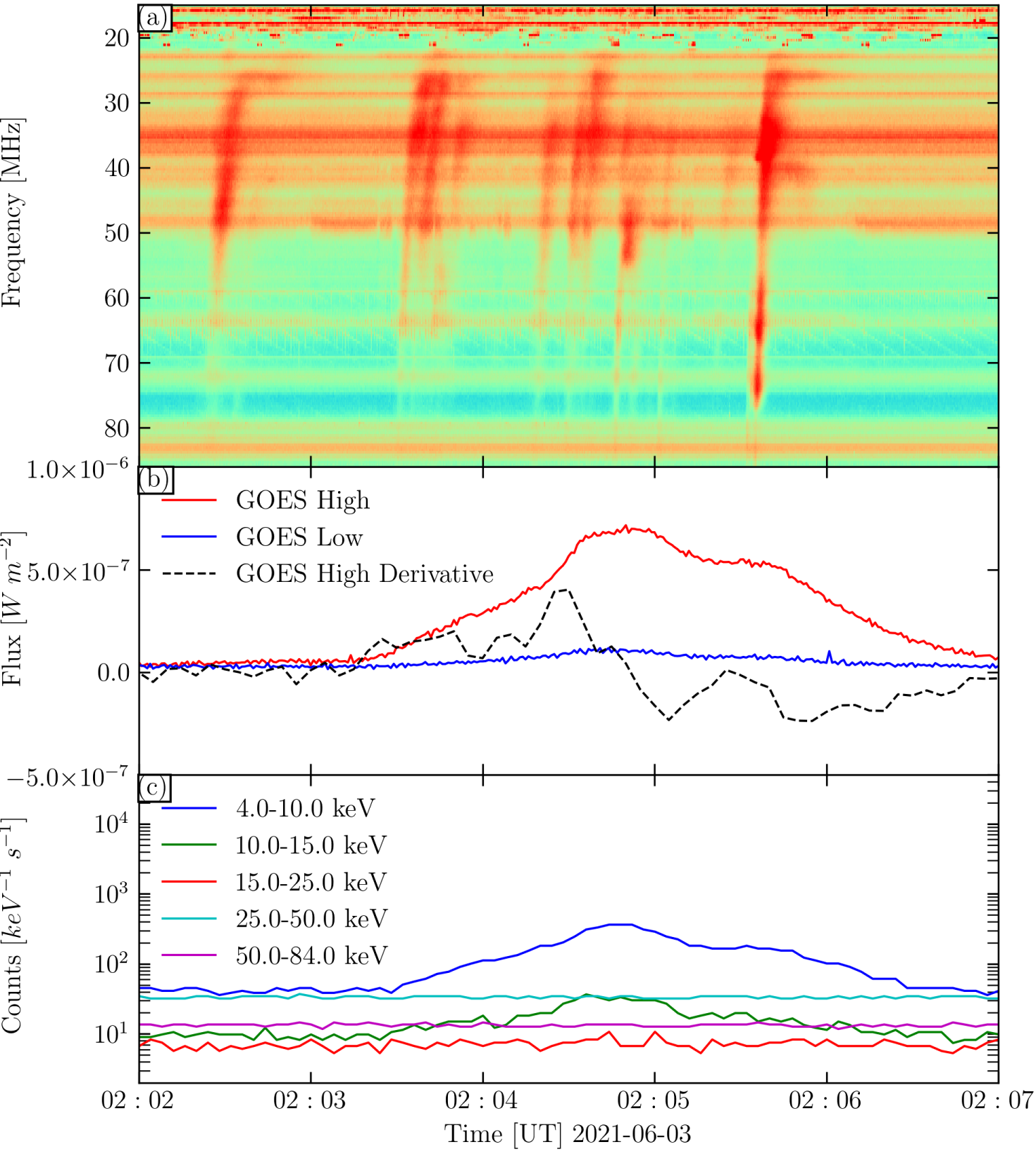

(a)
Frequency [MHz]
45
50
55
60
65
70
75
80
(b)
Flux [$W\ m^{-2}$]
1.5×10^{-5}
1.0×10^{-5}
5.0×10^{-6}
0.0
GOES High
GOES Low
GOES High Derivative
(c)
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
17 : 05
17 : 06
17 : 07
17 : 08
17 : 09
17 : 10
17 : 11
17 : 12
17 : 13
17 : 14
17 : 15
Time [UT] 2021-05-22

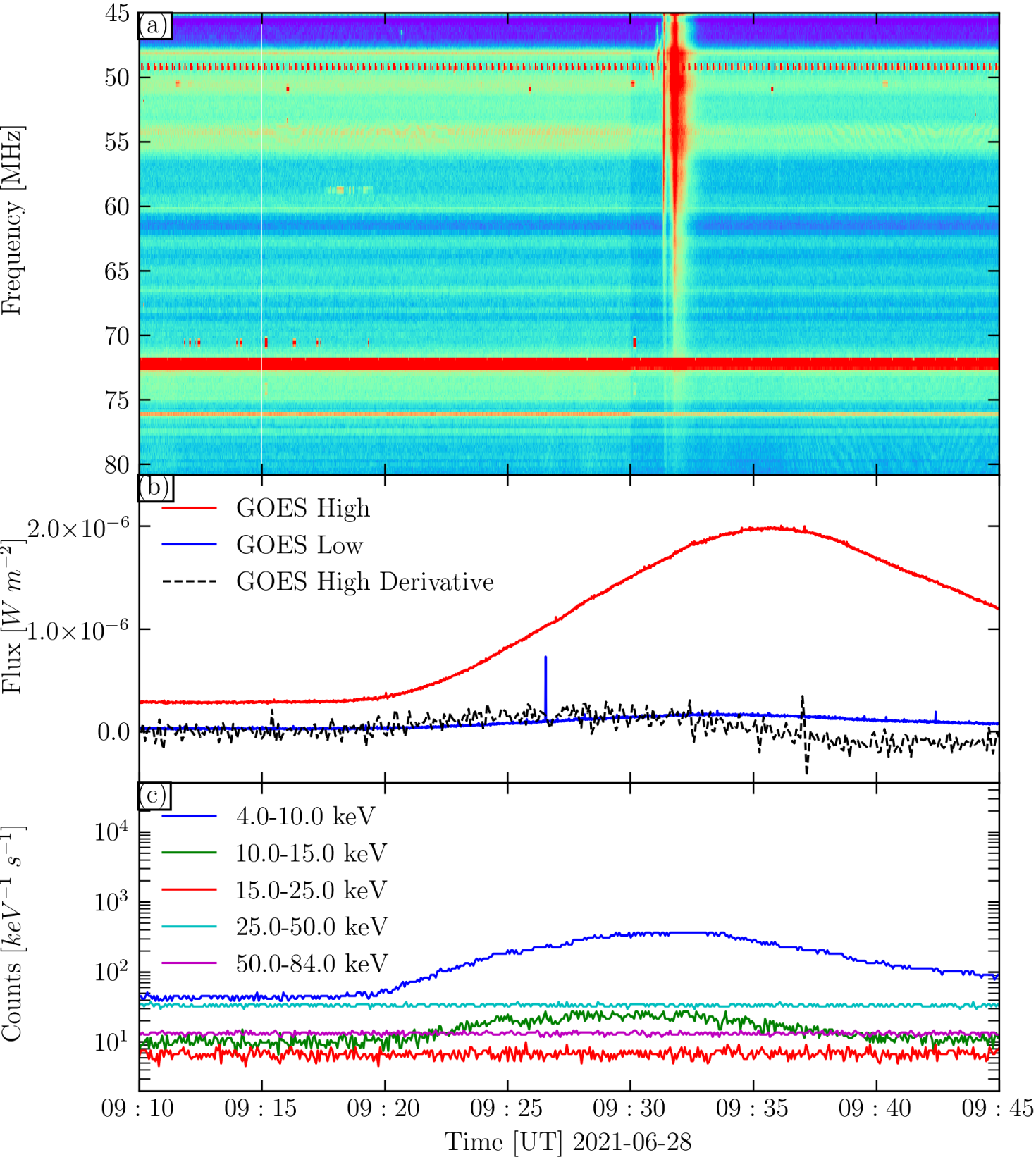

(a)
Frequency [MHz]
20
30
40
50
60
70
80
(b)
Flux [$W\ m^{-2}$]
1.0×10^{-5}
7.5×10^{-6}
5.0×10^{-6}
2.5×10^{-6}
0.0
GOES High
GOES Low
GOES High Derivative
(c)
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
23 : 07
23 : 08
23 : 09
23 : 10
23 : 11
23 : 12
23 : 13
23 : 14
23 : 15
23 : 16
Time [UT] 2021-05-22

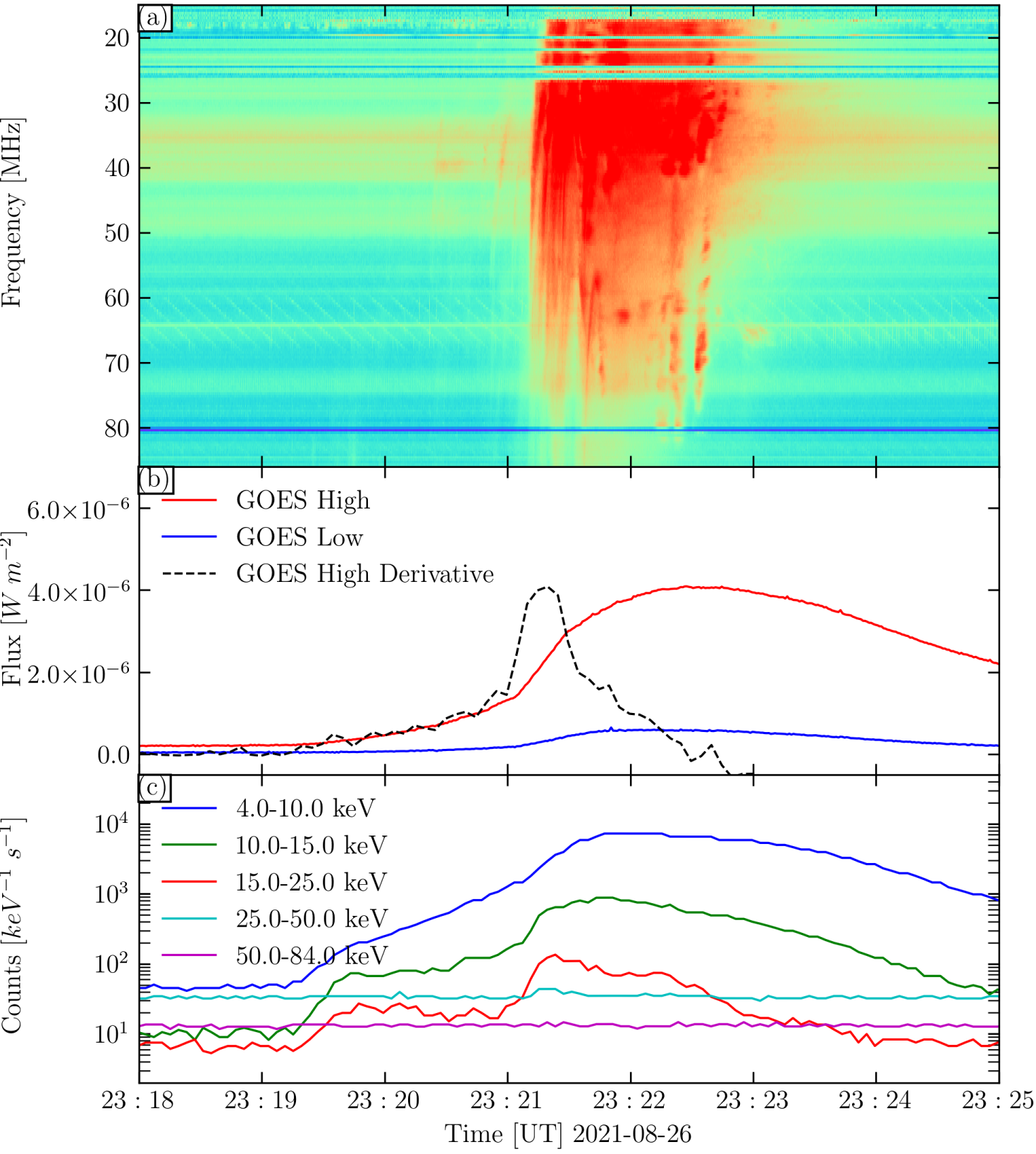

(a)
Frequency [MHz]
45
50
55
60
65
70
75
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
4.0×10^{-6}
2.0×10^{-6}
0.0
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
09 : 15
09 : 16
09 : 17
09 : 18
09 : 19
09 : 20
09 : 21
09 : 22
09 : 23
09 : 24
Time [UT] 2021-05-23

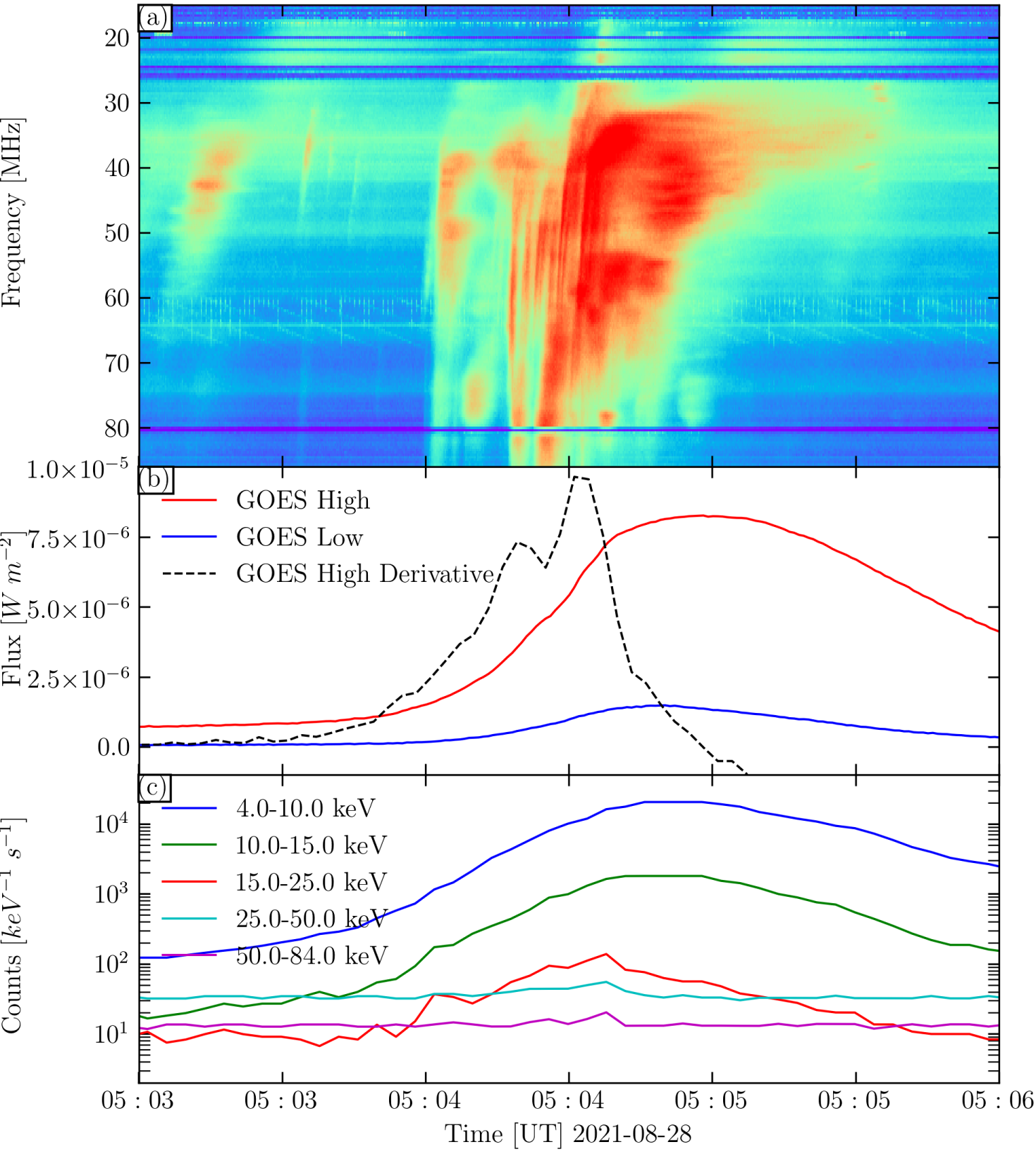

(a)
Frequency [MHz]
45
50
55
60
65
70
75
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
1.0×10^{-5}
5.0×10^{-6}
0.0
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
11 : 00
11 : 05
11 : 10
Time [UT] 2021-05-23

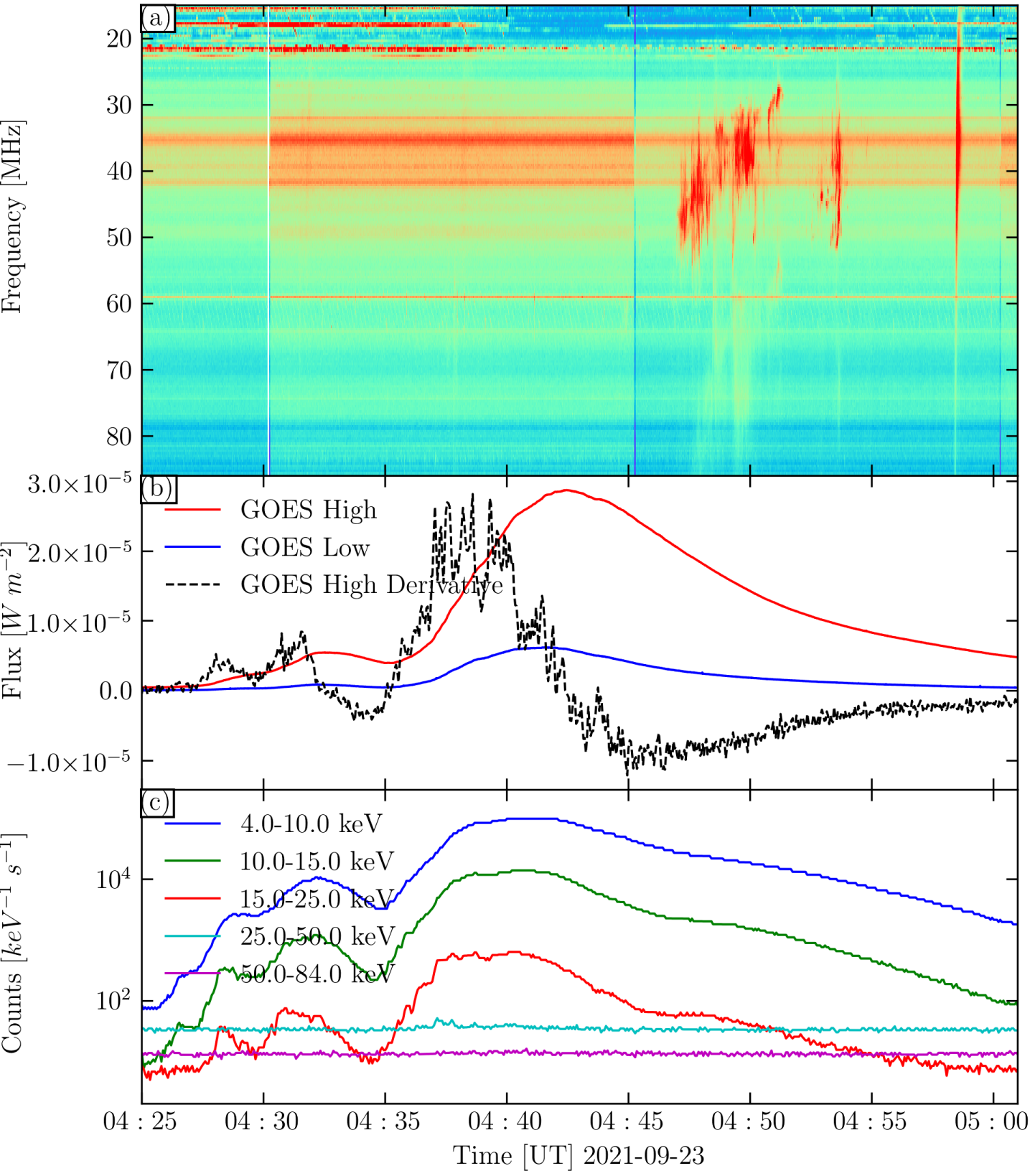

(a)
Frequency [MHz]
45
50
55
60
65
70
75
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
6.0×10^{-6}
4.0×10^{-6}
2.0×10^{-6}
0.0
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
17 : 00
17 : 01
17 : 02
17 : 03
17 : 04
17 : 05
17 : 06
17 : 07
17 : 08
Time [UT] 2021-05-23

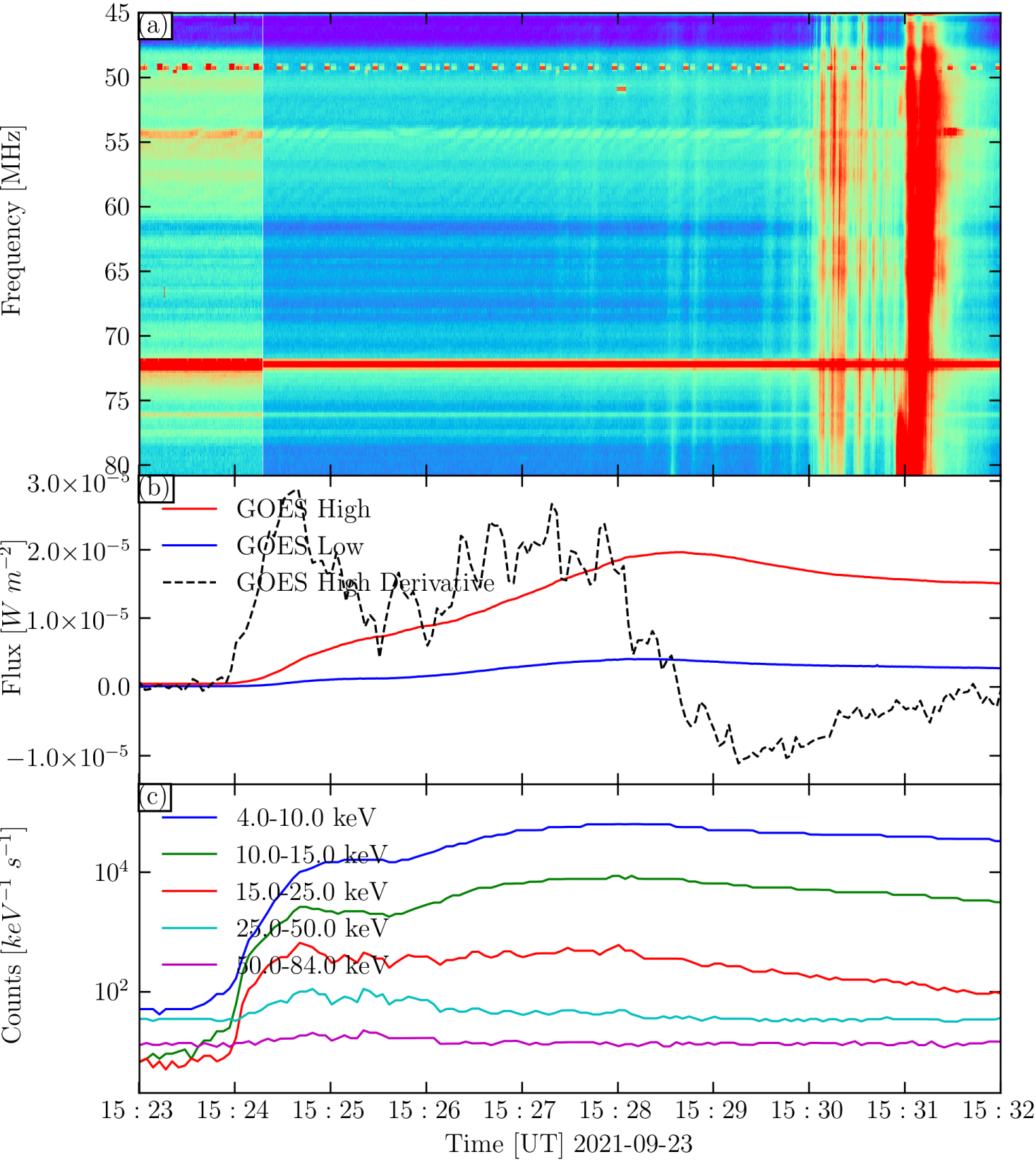

(a)
Frequency [MHz]
20
30
40
50
60
70
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
1.0×10^{-6}
5.0×10^{-7}
0.0
-5.0×10^{-7}
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
02 : 02
02 : 03
02 : 04
02 : 05
02 : 06
02 : 07
Time [UT] 2021-06-03

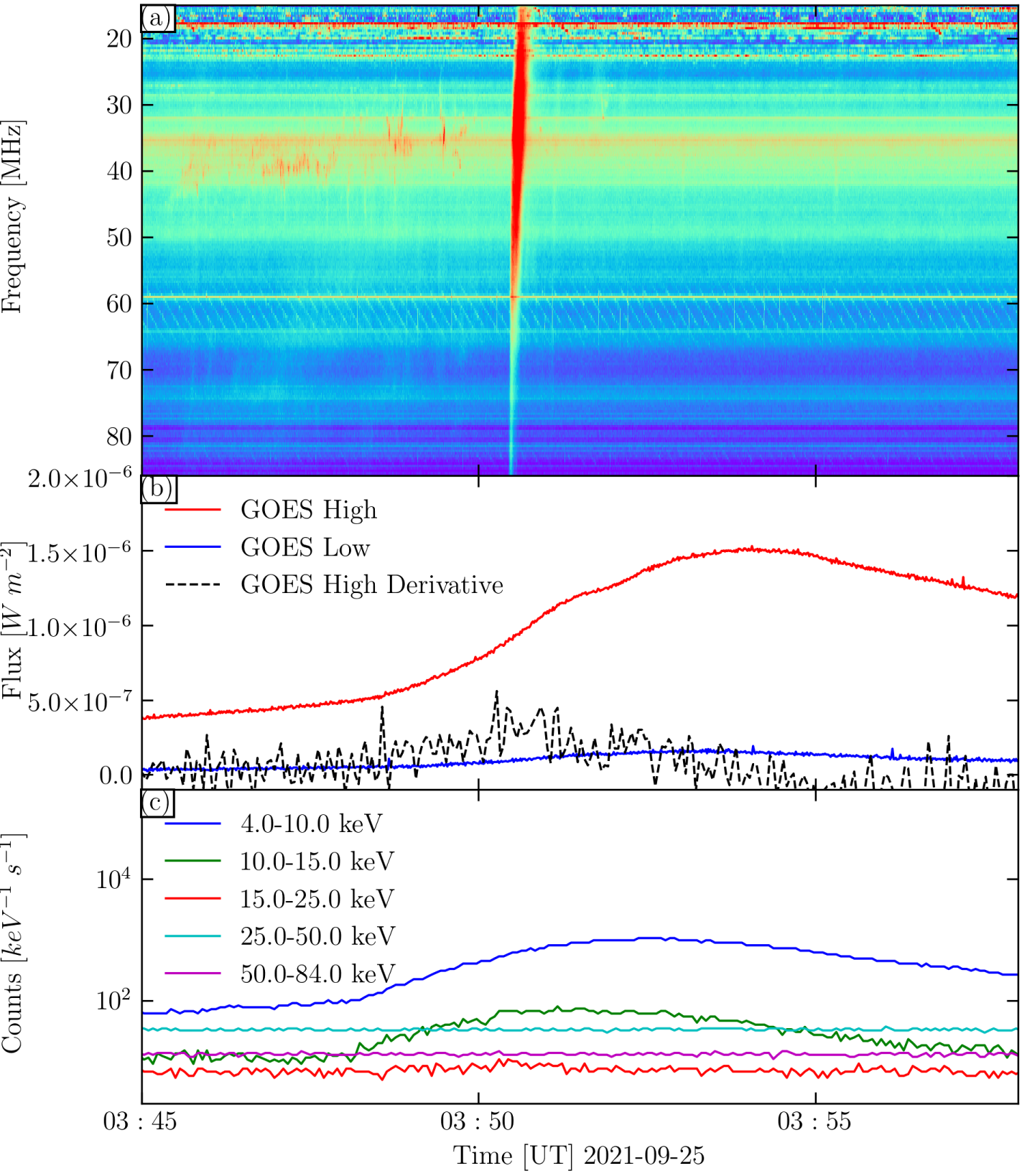

(a)
Frequency [MHz]
45
50
55
60
65
70
75
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
2.0×10^{-6}
1.0×10^{-6}
0.0
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
09 : 10
09 : 15
09 : 20
09 : 25
09 : 30
09 : 35
09 : 40
09 : 45
Time [UT] 2021-06-28


(a)
Frequency [MHz]
20
30
40
50
60
70
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
6.0×10^{-6}
4.0×10^{-6}
2.0×10^{-6}
0.0
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
23 : 18
23 : 19
23 : 20
23 : 21
23 : 22
23 : 23
23 : 24
23 : 25
Time [UT] 2021-08-26


(a)
Frequency [MHz]
20
30
40
50
60
70
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
1.0×10^{-5}
7.5×10^{-6}
5.0×10^{-6}
2.5×10^{-6}
0.0
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^3
10^2
10^1
05 : 03
05 : 03
05 : 04
05 : 04
05 : 05
05 : 05
05 : 06
Time [UT] 2021-08-28


(a)
Frequency [MHz]
20
30
40
50
60
70
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
3.0×10^{-5}
2.0×10^{-5}
1.0×10^{-5}
0.0
-1.0×10^{-5}
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^2
04 : 25
04 : 30
04 : 35
04 : 40
04 : 45
04 : 50
04 : 55
05 : 00
Time [UT] 2021-09-23


(a)
Frequency [MHz]
45
50
55
60
65
70
75
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
3.0×10^{-5}
2.0×10^{-5}
1.0×10^{-5}
0.0
-1.0×10^{-5}
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^2
15 : 23
15 : 24
15 : 25
15 : 26
15 : 27
15 : 28
15 : 29
15 : 30
15 : 31
15 : 32
Time [UT] 2021-09-23


(a)
Frequency [MHz]
20
30
40
50
60
70
80
(b)
GOES High
GOES Low
GOES High Derivative
Flux [$W\ m^{-2}$]
2.0×10^{-6}
1.5×10^{-6}
1.0×10^{-6}
5.0×10^{-7}
0.0
(c)
4.0-10.0 keV
10.0-15.0 keV
15.0-25.0 keV
25.0-50.0 keV
50.0-84.0 keV
Counts [$keV^{-1}\ s^{-1}$]
10^4
10^2
03 : 45
03 : 50
03 : 55
Time [UT] 2021-09-25