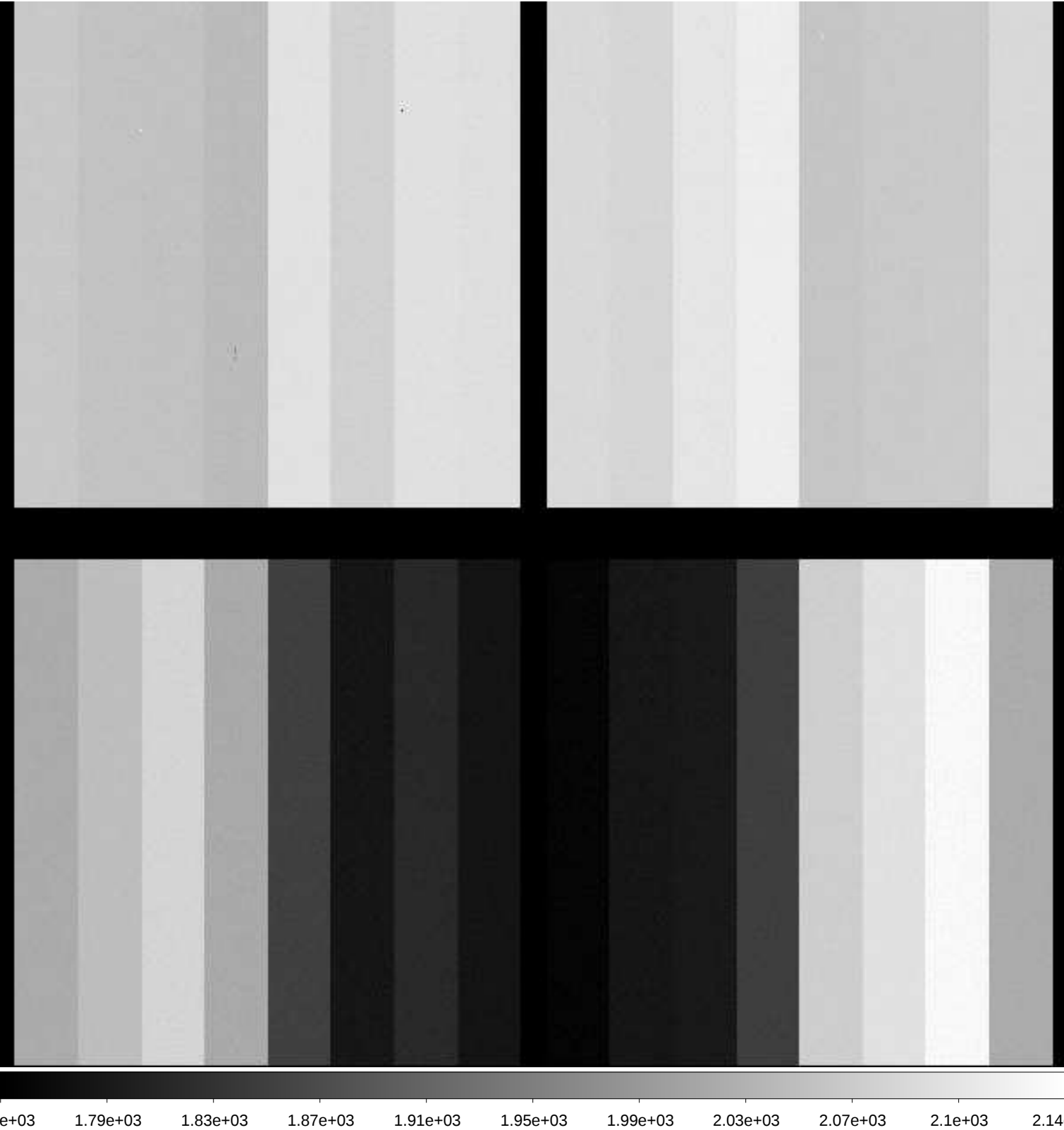


File Name : **xkmtc.20181109.004849.fits** # 1 / 164 #  
Project ID : OBS  
Image Type : DARK  
Object Name : **begin**  
RA : 22:01:54.910  
DEC : -30:05:53.70  
Exposure Time : 30  
Airmass : 1.00  
Sidereal Time : 22:02:53  
Filter ID : V  
Observation Date : 2018-11-09T23:29:55  
CCD Temperature : -83.26



File Name : **xkmtc.20181109.004850.fits** # 2 / 164 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 22:05:31.260

DEC : -30:05:56.50

Exposure Time : 0

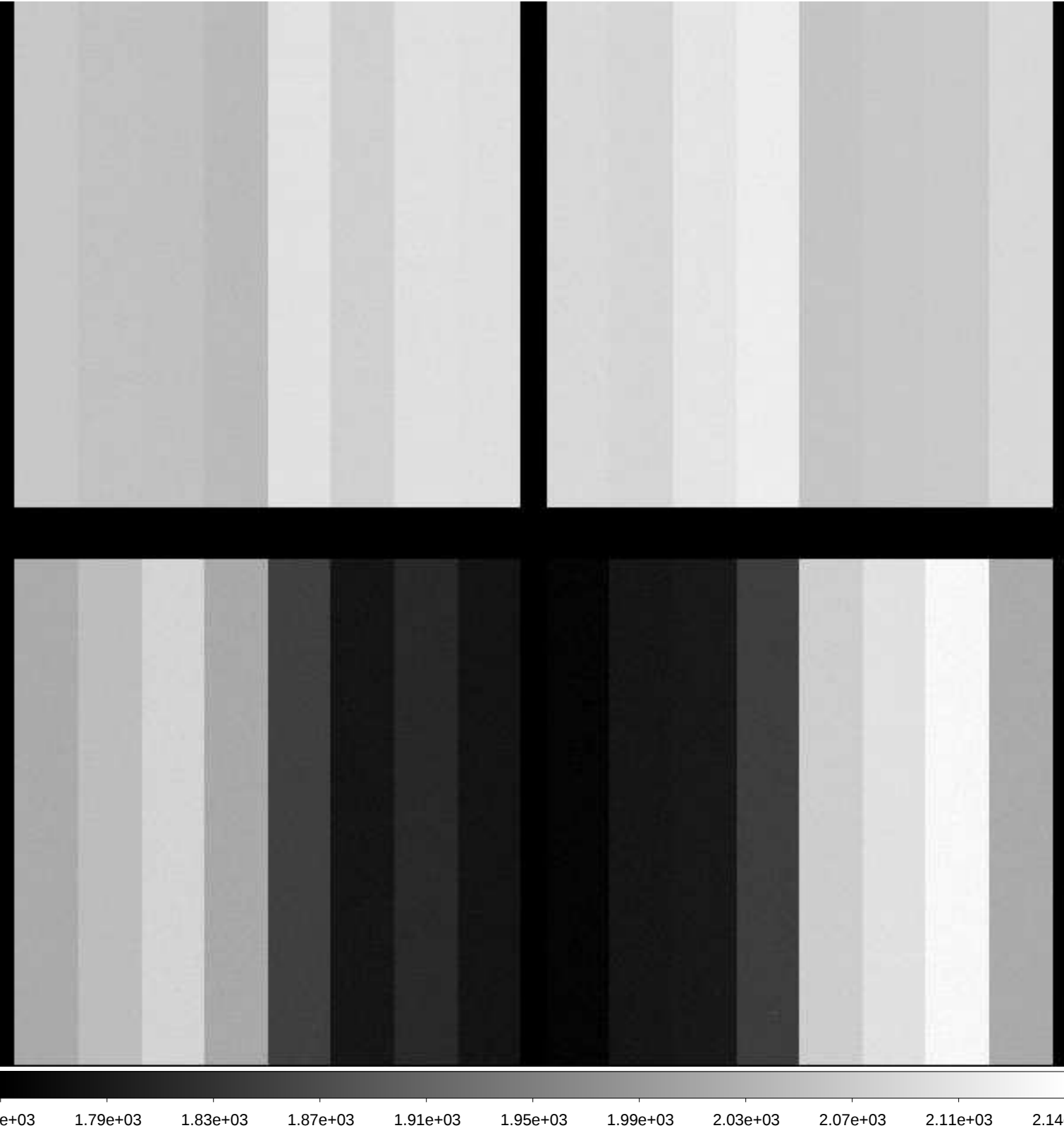
Airmass : 1.00

Sidereal Time : 22:06:29

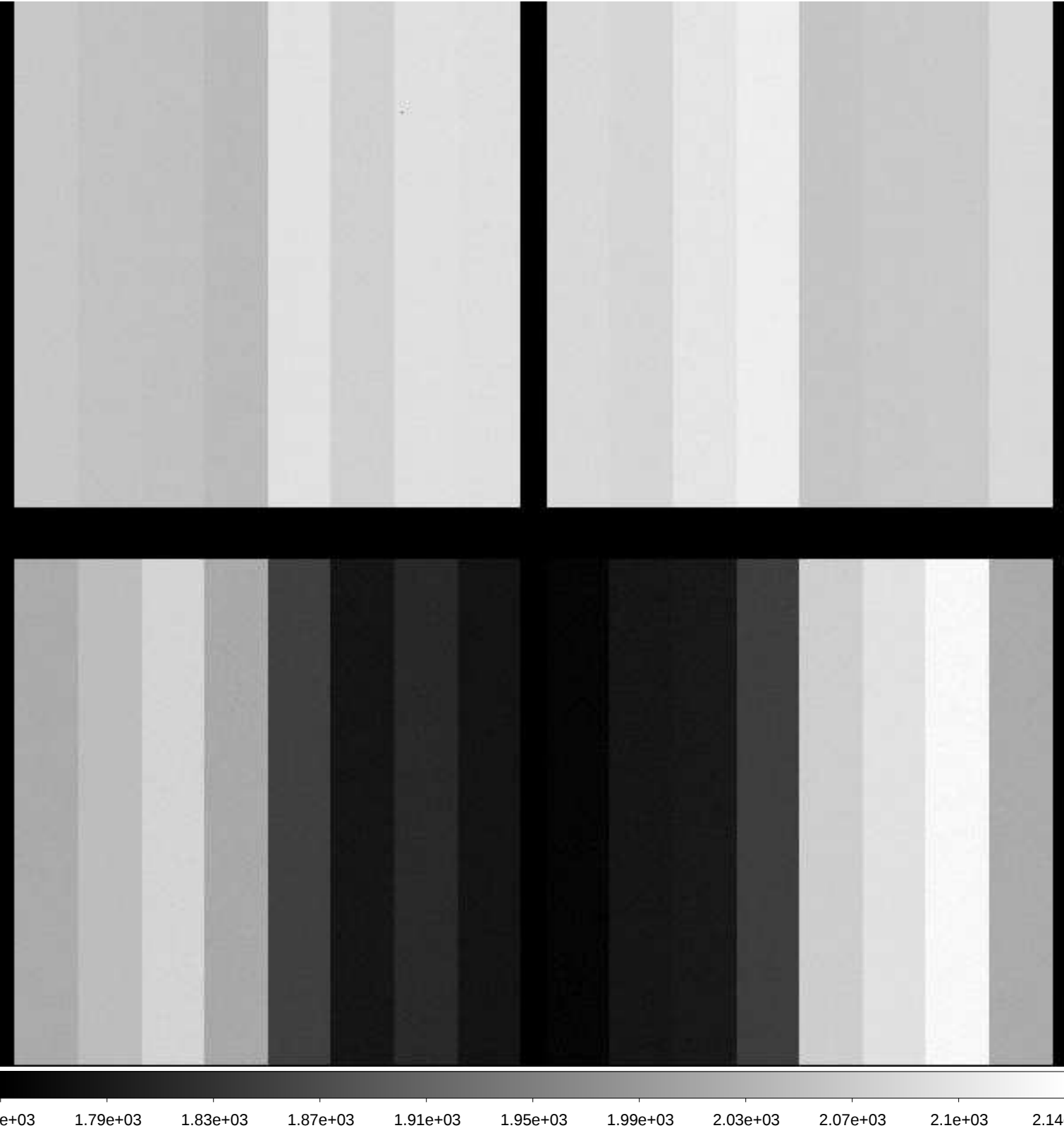
Filter ID : V

Observation Date : 2018-11-09T23:33:29

CCD Temperature : -83.35



File Name : **xkmtc.20181109.004851.fits** # 3 / 164 #  
Project ID : ALL  
Image Type : BIAS  
Object Name : **bias**  
RA : 22:06:27.140  
DEC : -30:05:57.20  
Exposure Time : 0  
Airmass : 1.00  
Sidereal Time : 22:07:25  
Filter ID : V  
Observation Date : 2018-11-09T23:34:26  
CCD Temperature : -83.36



File Name : **xkmtc.20181109.004852.fits** # 4 / 164 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 22:07:24.740

DEC : -30:05:57.90

Exposure Time : 0

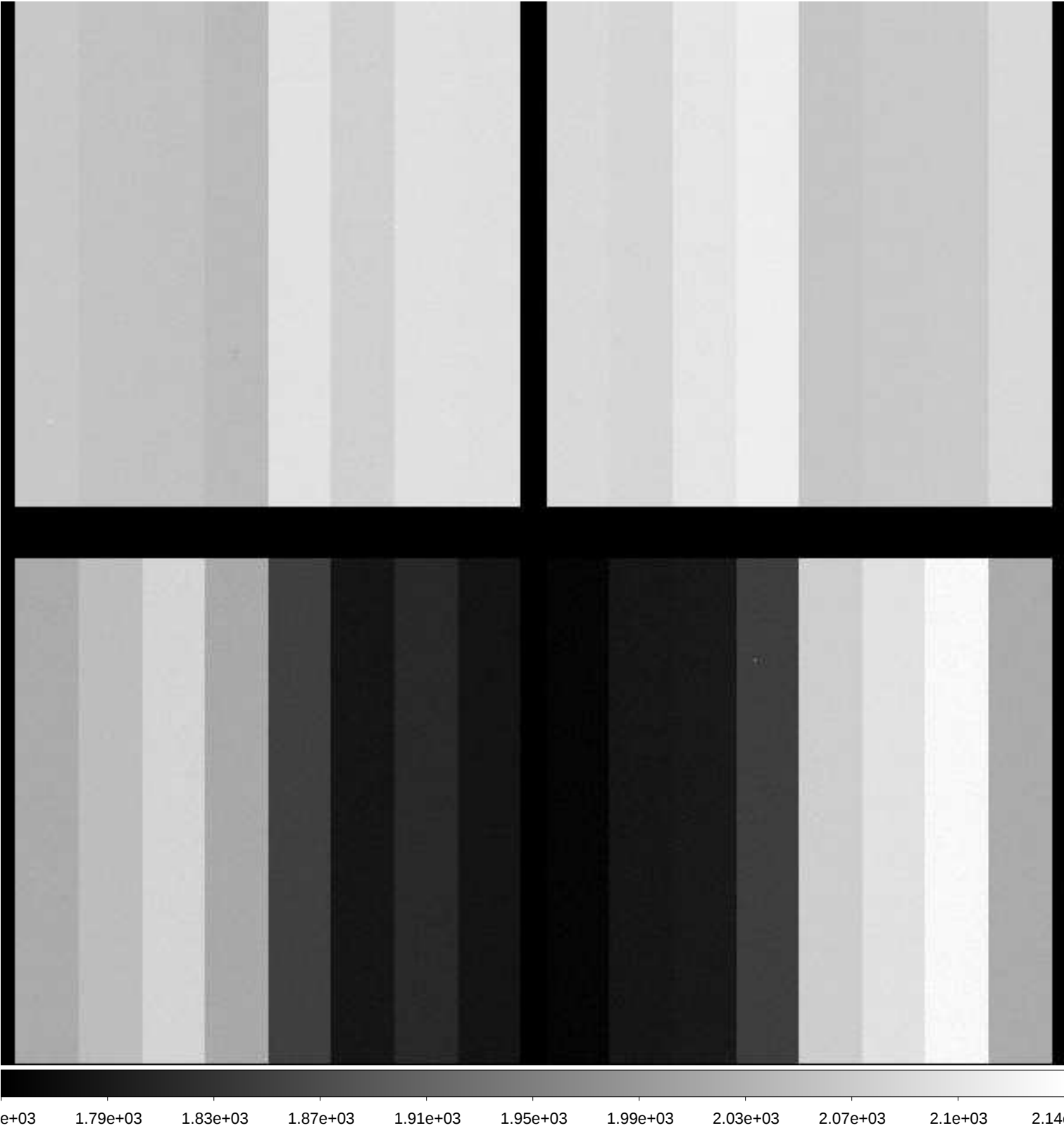
Airmass : 1.00

Sidereal Time : 22:08:22

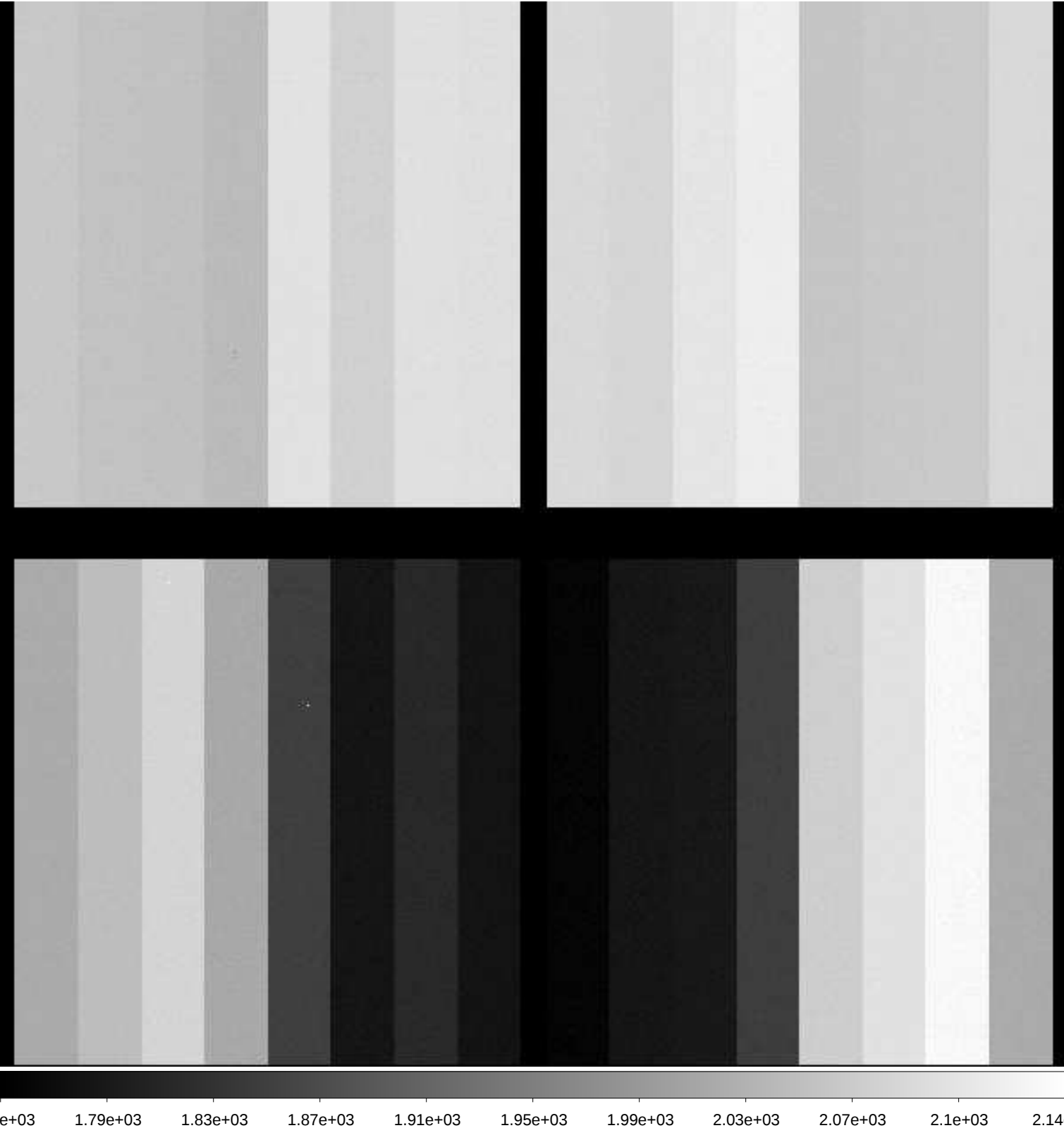
Filter ID : V

Observation Date : 2018-11-09T23:35:35

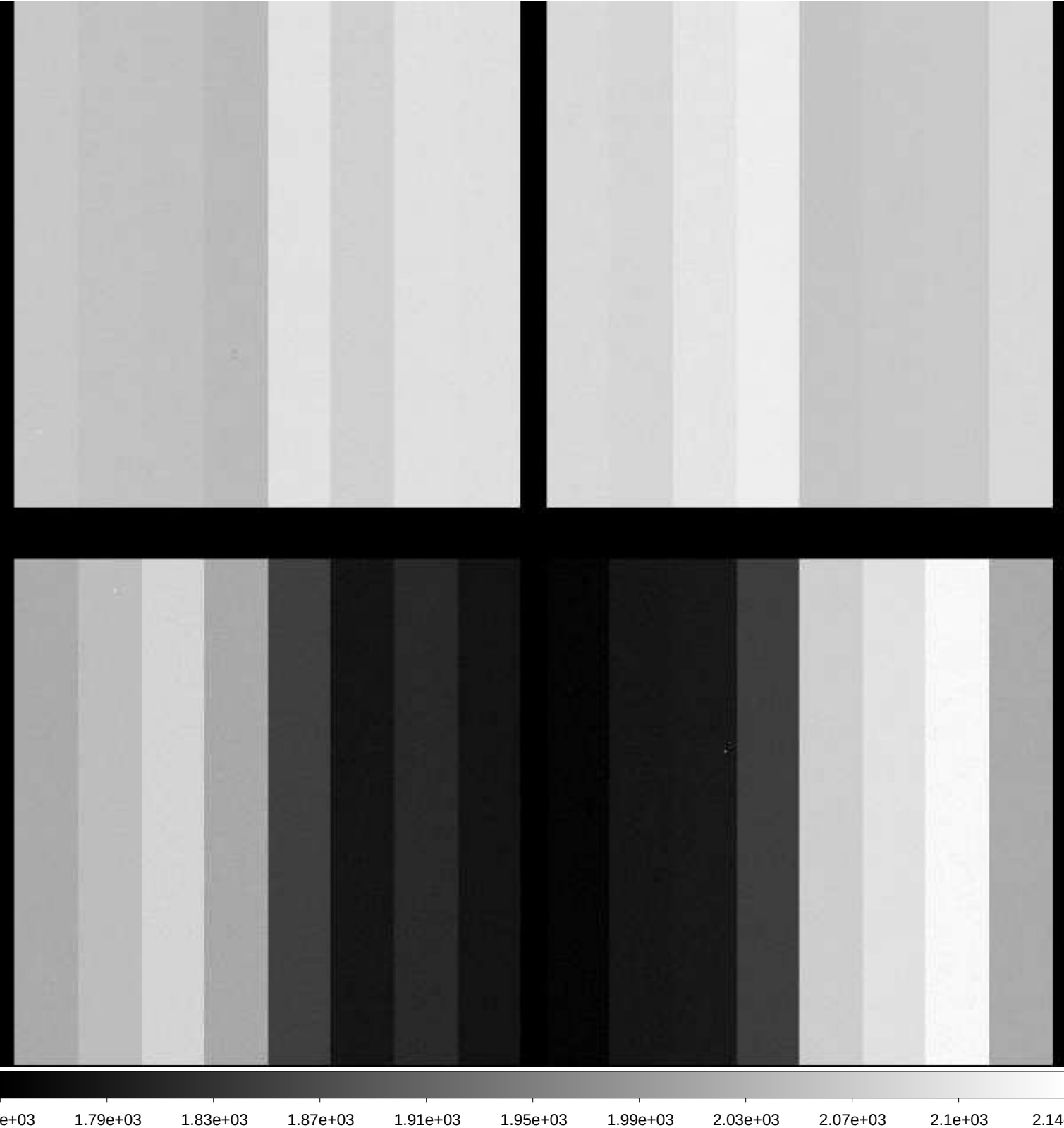
CCD Temperature : -83.46



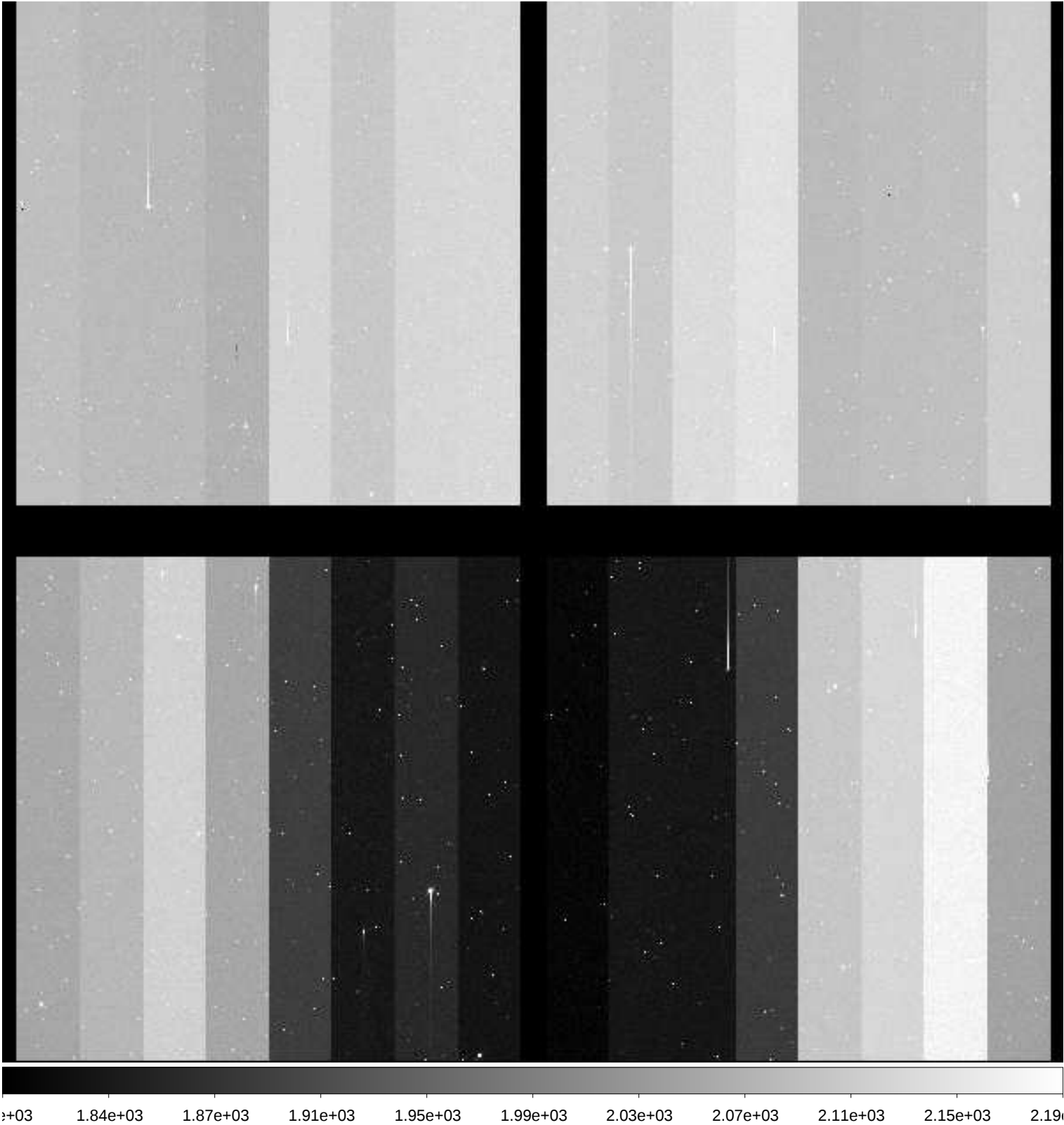
File Name : **xkmtc.20181109.004853.fits** # 5 / 164 #  
Project ID : ALL  
Image Type : BIAS  
Object Name : **bias**  
RA : 22:08:34.860  
DEC : -30:05:58.80  
Exposure Time : 0  
Airmass : 1.00  
Sidereal Time : 22:09:32  
Filter ID : V  
Observation Date : 2018-11-09T23:36:45  
CCD Temperature : -83.46



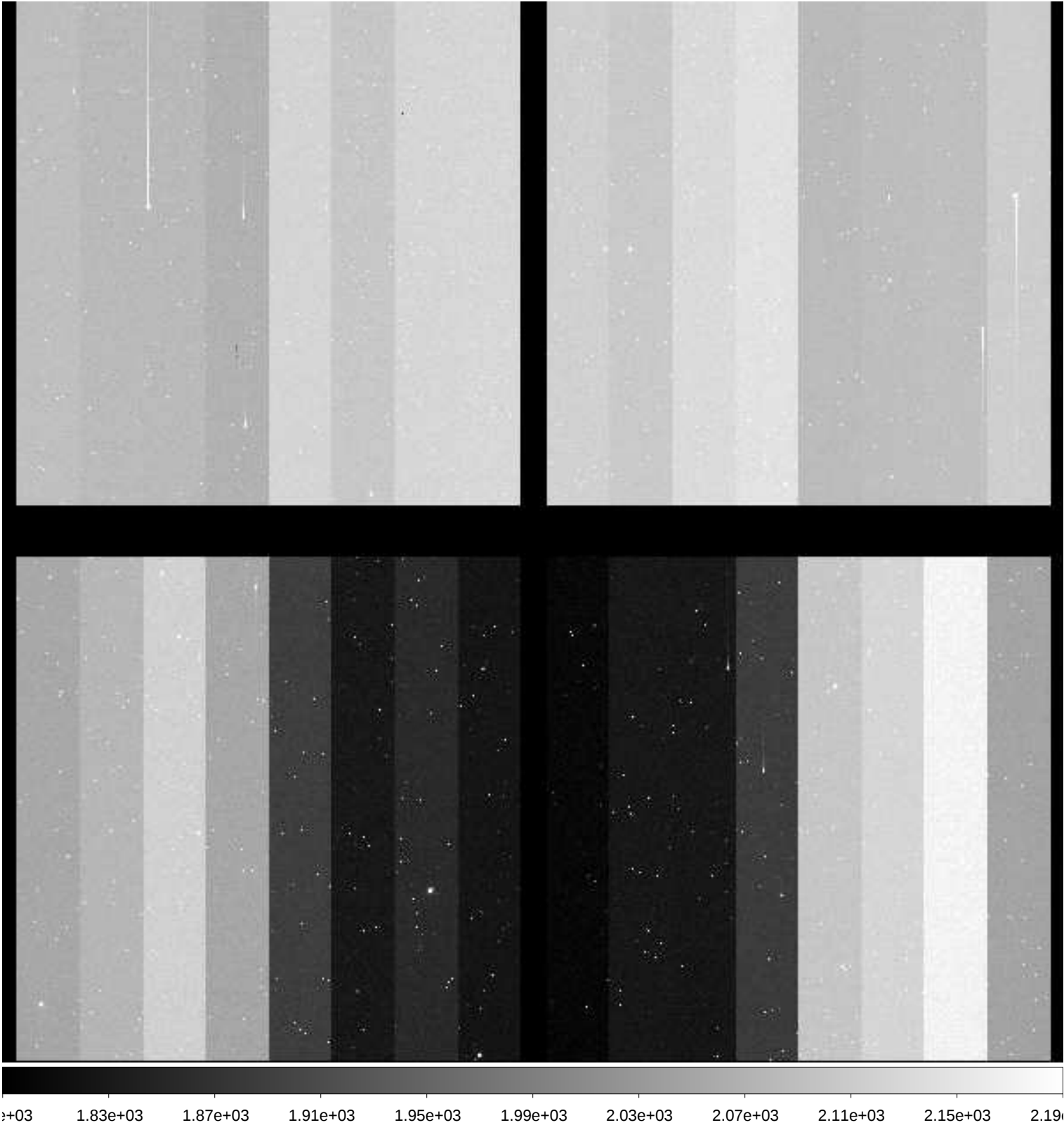
File Name : **xkmtc.20181109.004854.fits** # 6 / 164 #  
Project ID : ALL  
Image Type : BIAS  
Object Name : **bias**  
RA : 22:09:47.400  
DEC : -30:05:59.70  
Exposure Time : 0  
Airmass : 1.00  
Sidereal Time : 22:10:45  
Filter ID : V  
Observation Date : 2018-11-09T23:37:58  
CCD Temperature : -83.5



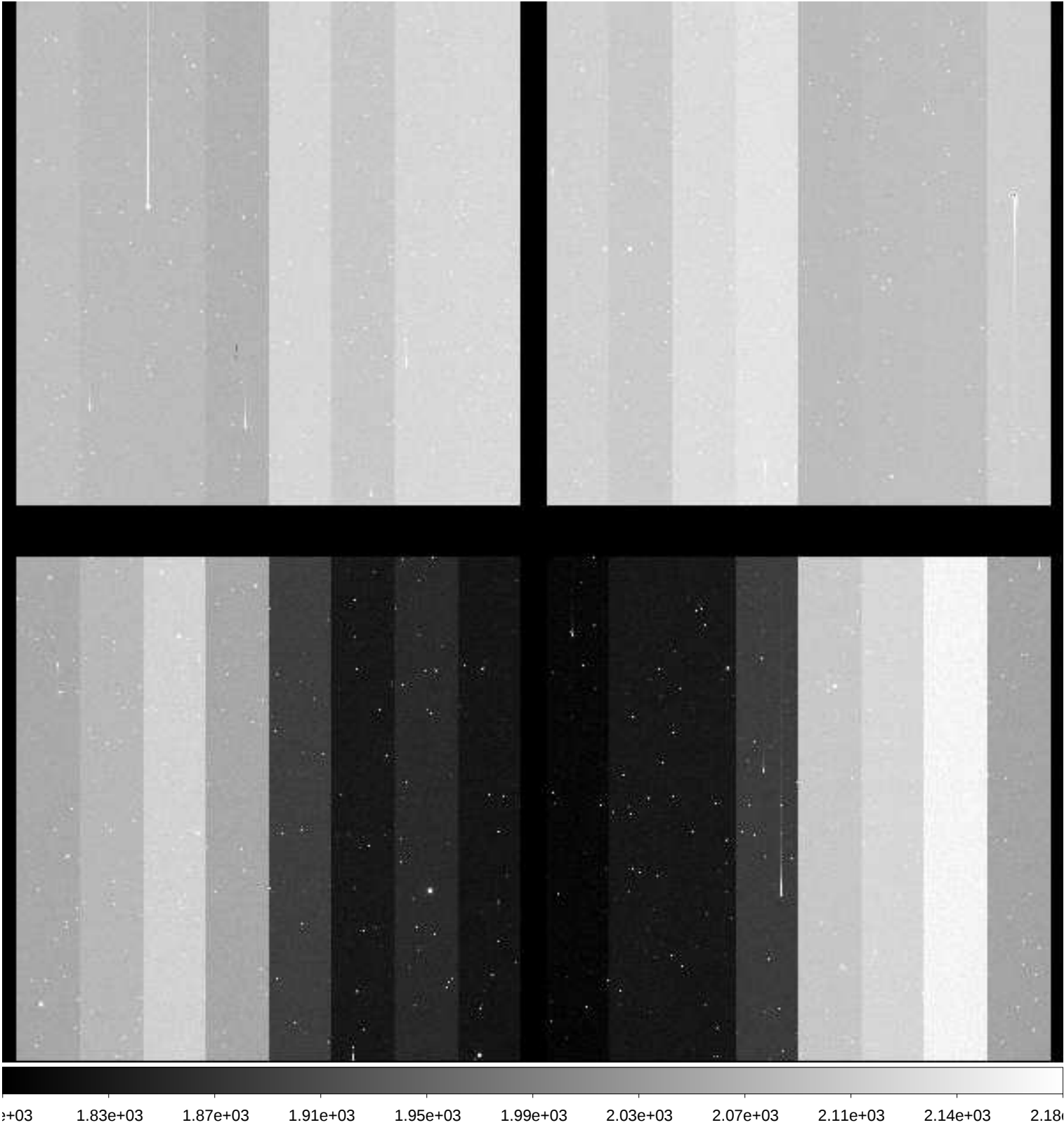
File Name : **xkmtc.20181110.004855.fits** # 7 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **focus**  
RA : 23:41:50.700  
DEC : -69:46:12.30  
Exposure Time : 30  
Airmass : 1.31  
Sidereal Time : 23:03:53  
Filter ID : V  
Observation Date : 2018-11-10T00:30:44  
CCD Temperature : -84.47



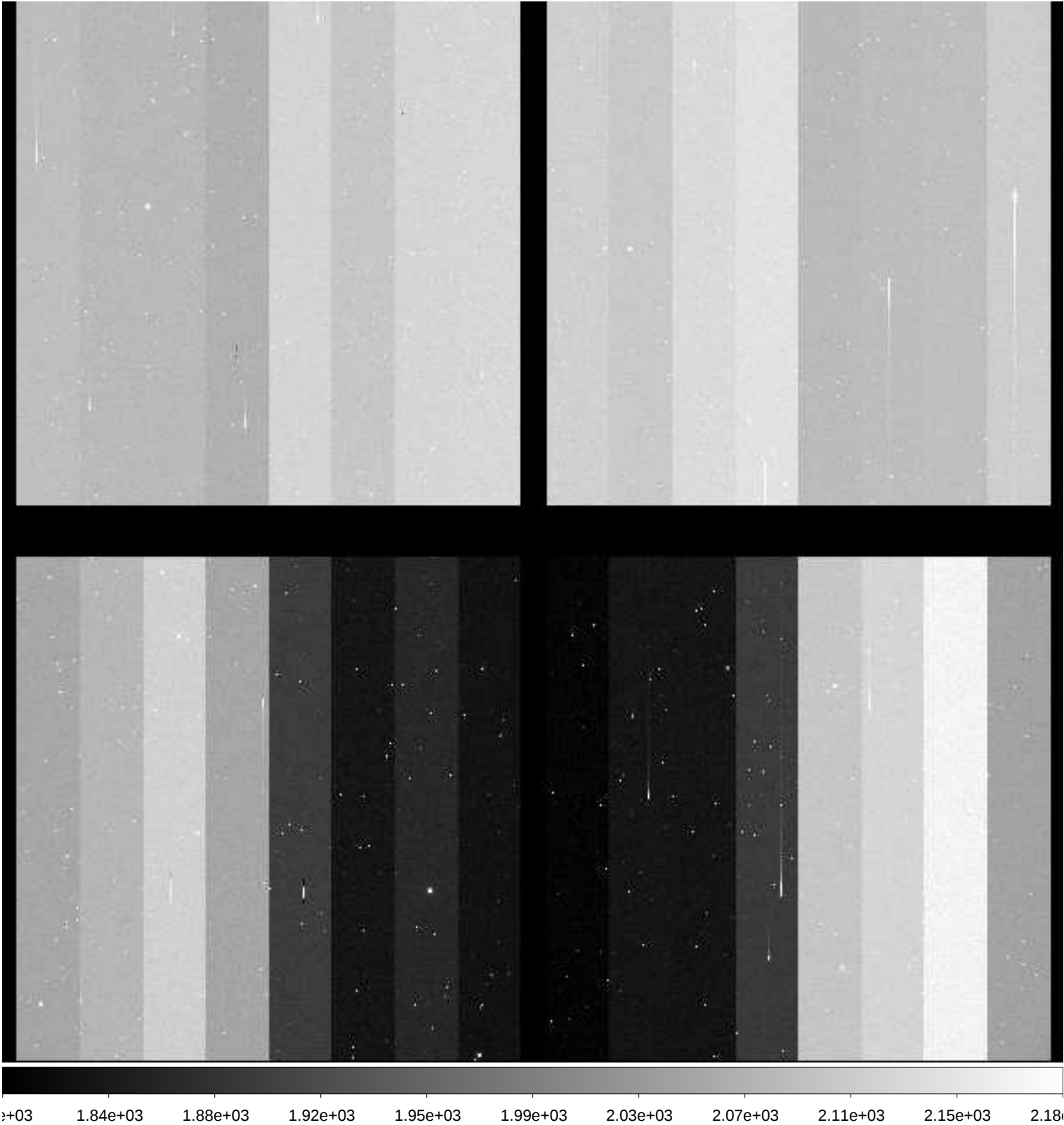
File Name : **xkmtc.20181110.004856.fits** # 8 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **focus**  
RA : 23:41:50.590  
DEC : -69:46:12.50  
Exposure Time : 30  
Airmass : 1.30  
Sidereal Time : 23:06:24  
Filter ID : V  
Observation Date : 2018-11-10T00:33:15  
CCD Temperature : -84.54



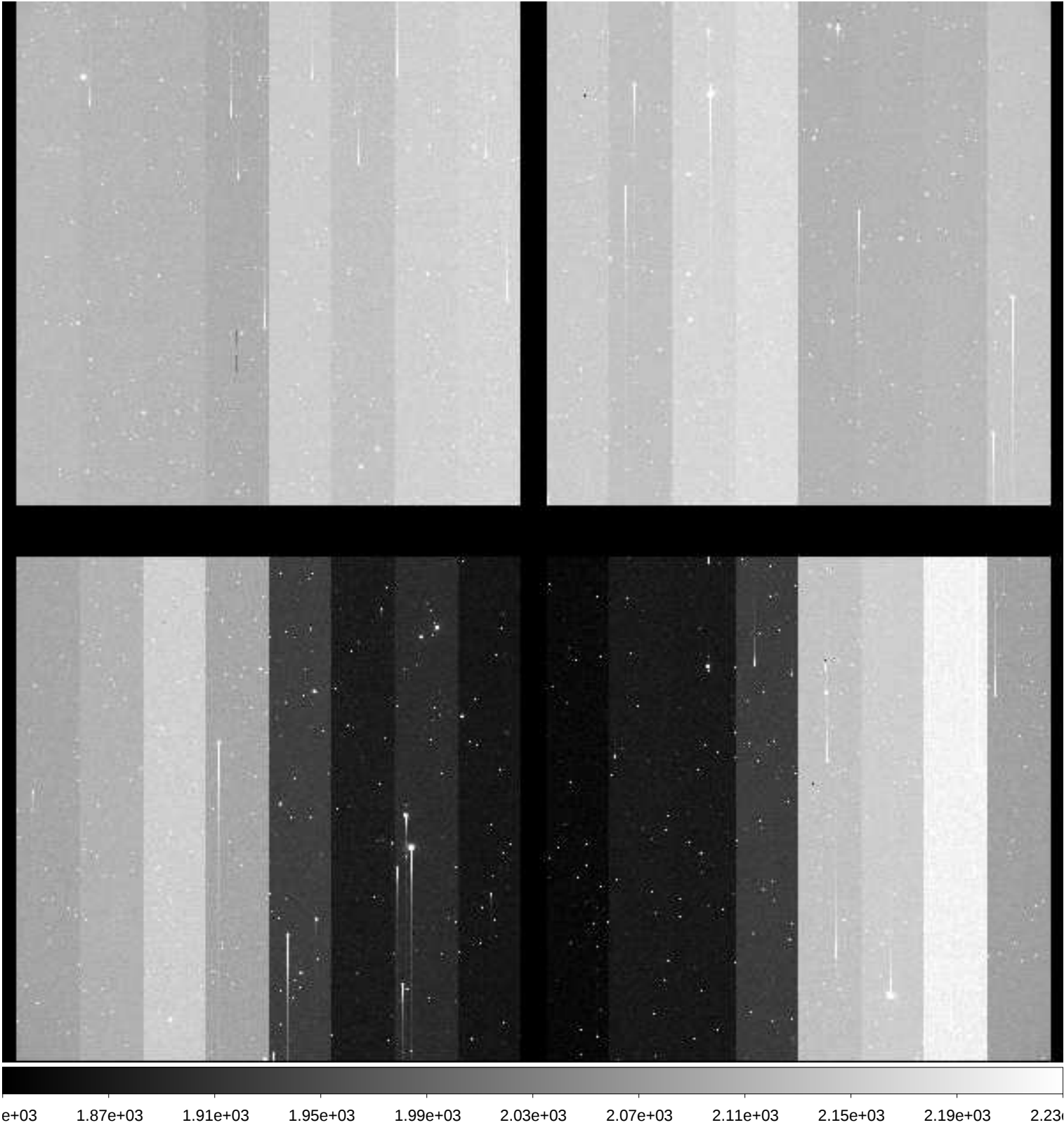
File Name : **xkmtc.20181110.004857.fits** # 9 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **focus**  
RA : 23:41:50.500  
DEC : -69:46:12.40  
Exposure Time : 30  
Airmass : 1.30  
Sidereal Time : 23:08:13  
Filter ID : V  
Observation Date : 2018-11-10T00:35:04  
CCD Temperature : -84.6



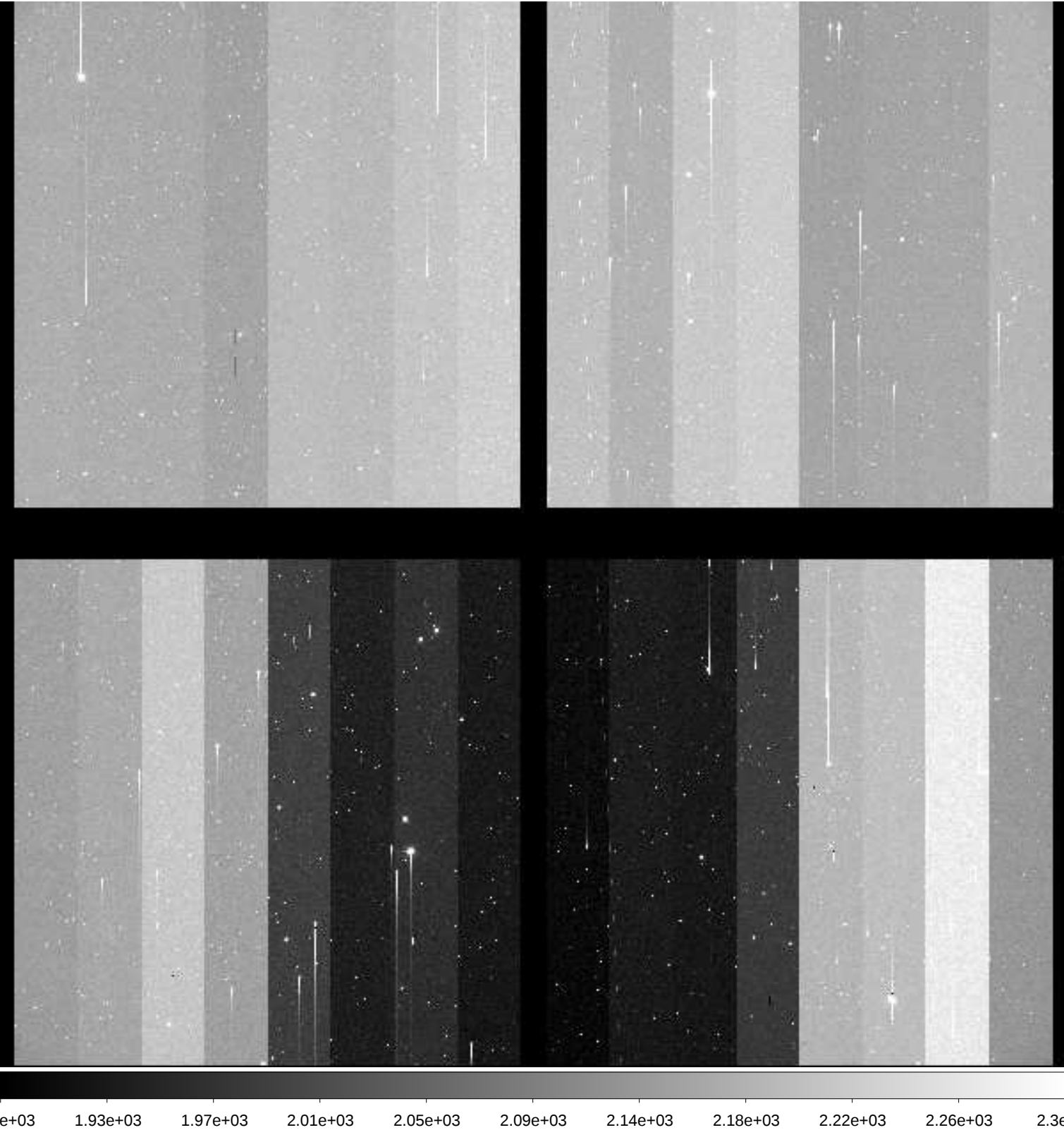
File Name : **xkmtc.20181110.004858.fits** # 10 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **focus**  
RA : 23:41:50.420  
DEC : -69:46:12.50  
Exposure Time : 30  
Airmass : 1.30  
Sidereal Time : 23:10:07  
Filter ID : V  
Observation Date : 2018-11-10T00:36:58  
CCD Temperature : -84.65



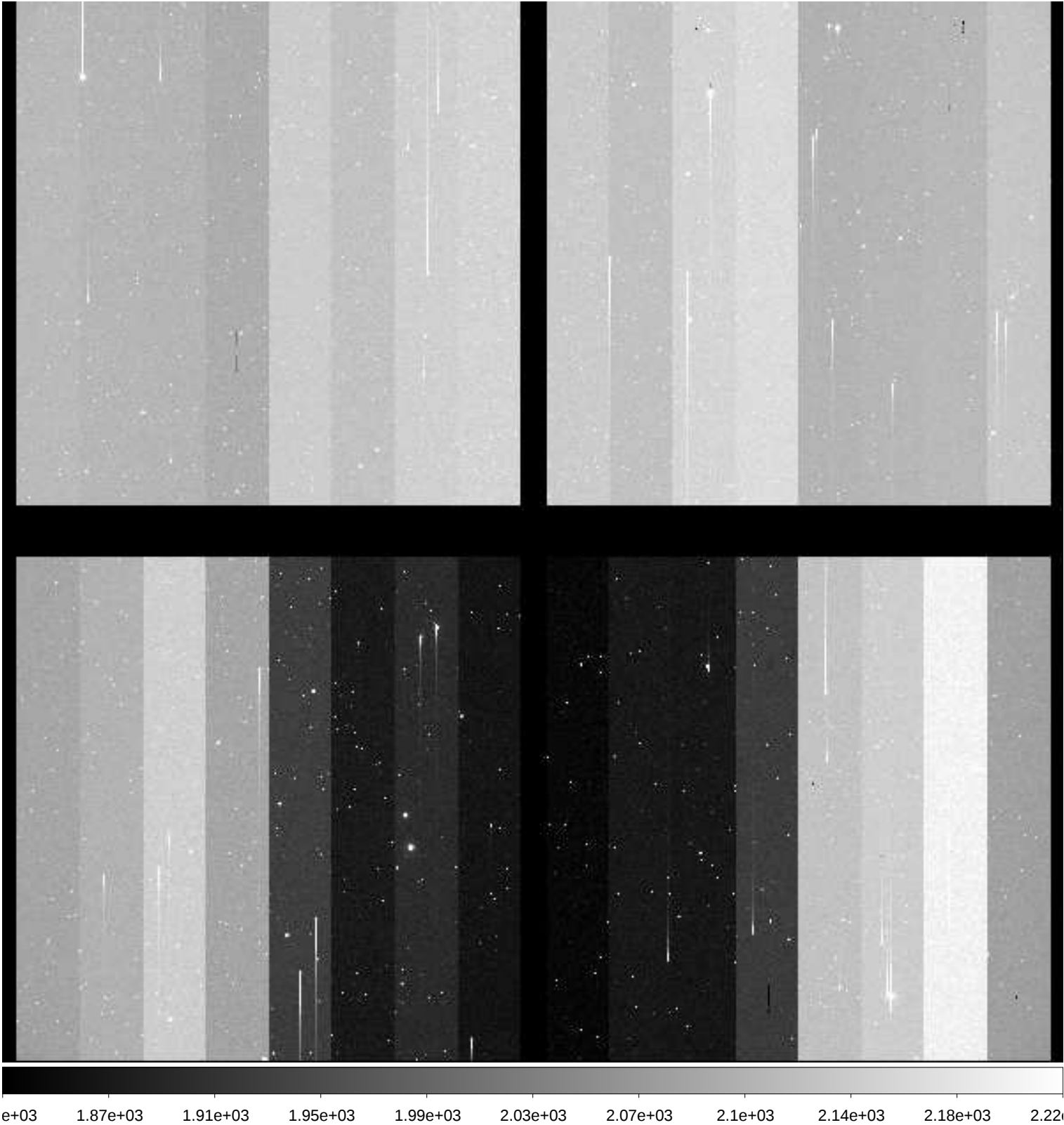
File Name : **xkmtc.20181110.004859.fits** # 11 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.700  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 23:12:54  
Filter ID : B  
Observation Date : 2018-11-10T00:39:43  
CCD Temperature : -84.7



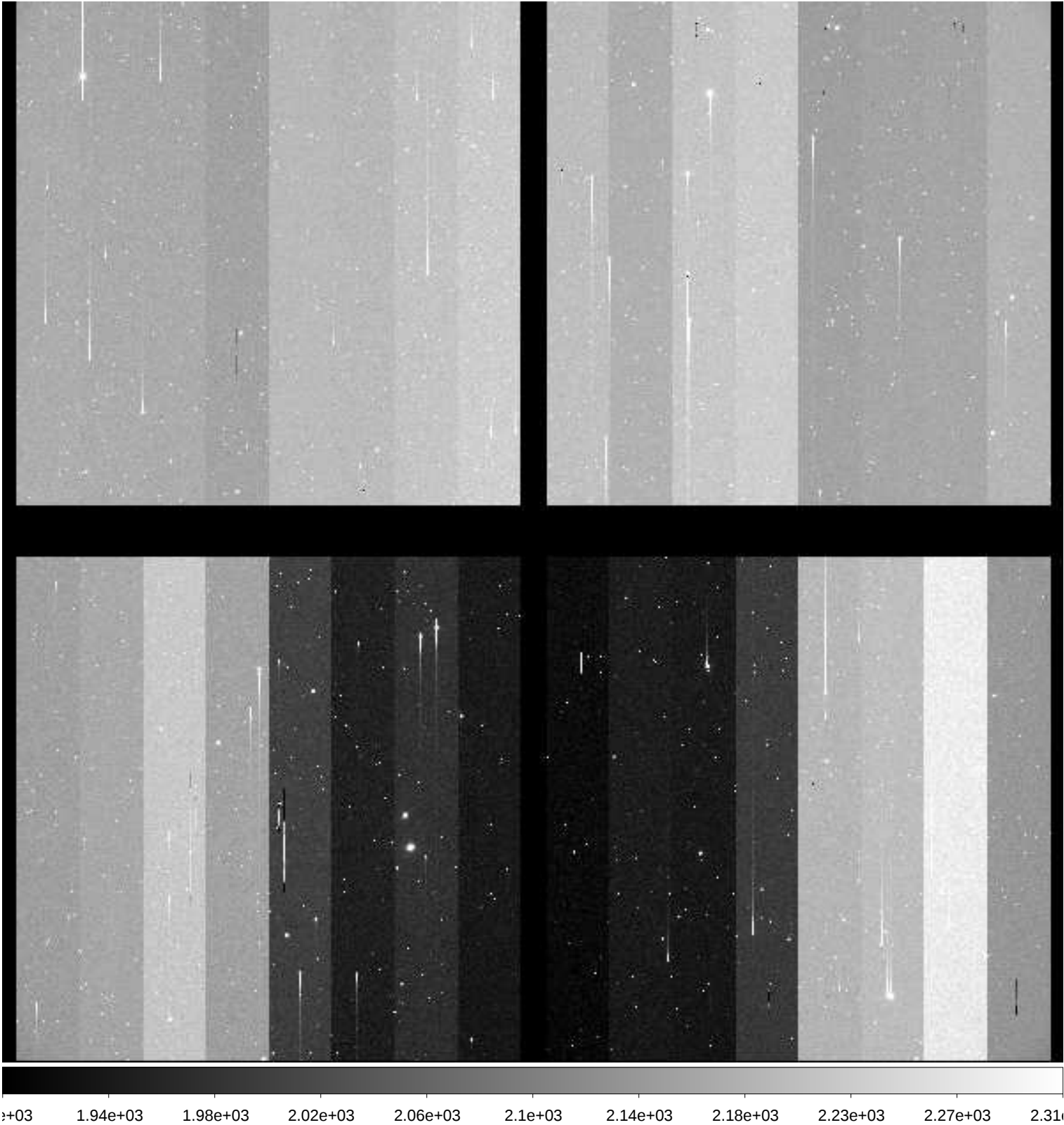
File Name : **xkmtc.20181110.004860.fits** # 12 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.690  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:15:50  
Filter ID : V  
Observation Date : 2018-11-10T00:42:52  
CCD Temperature : -84.69



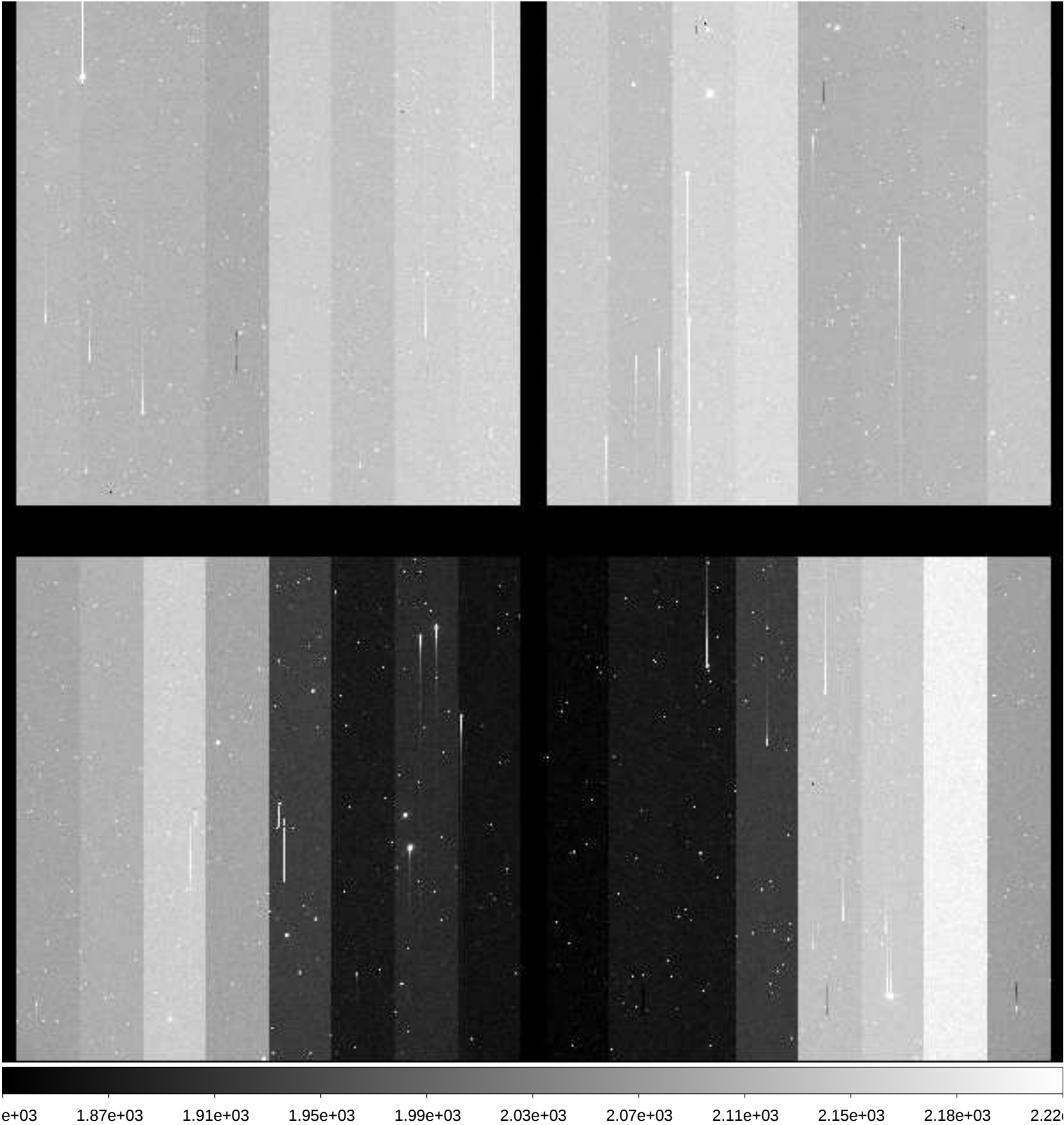
File Name : **xkmtc.20181110.004861.fits** # 13 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.690  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:19:10  
Filter ID : B  
Observation Date : 2018-11-10T00:45:58  
CCD Temperature : -84.82



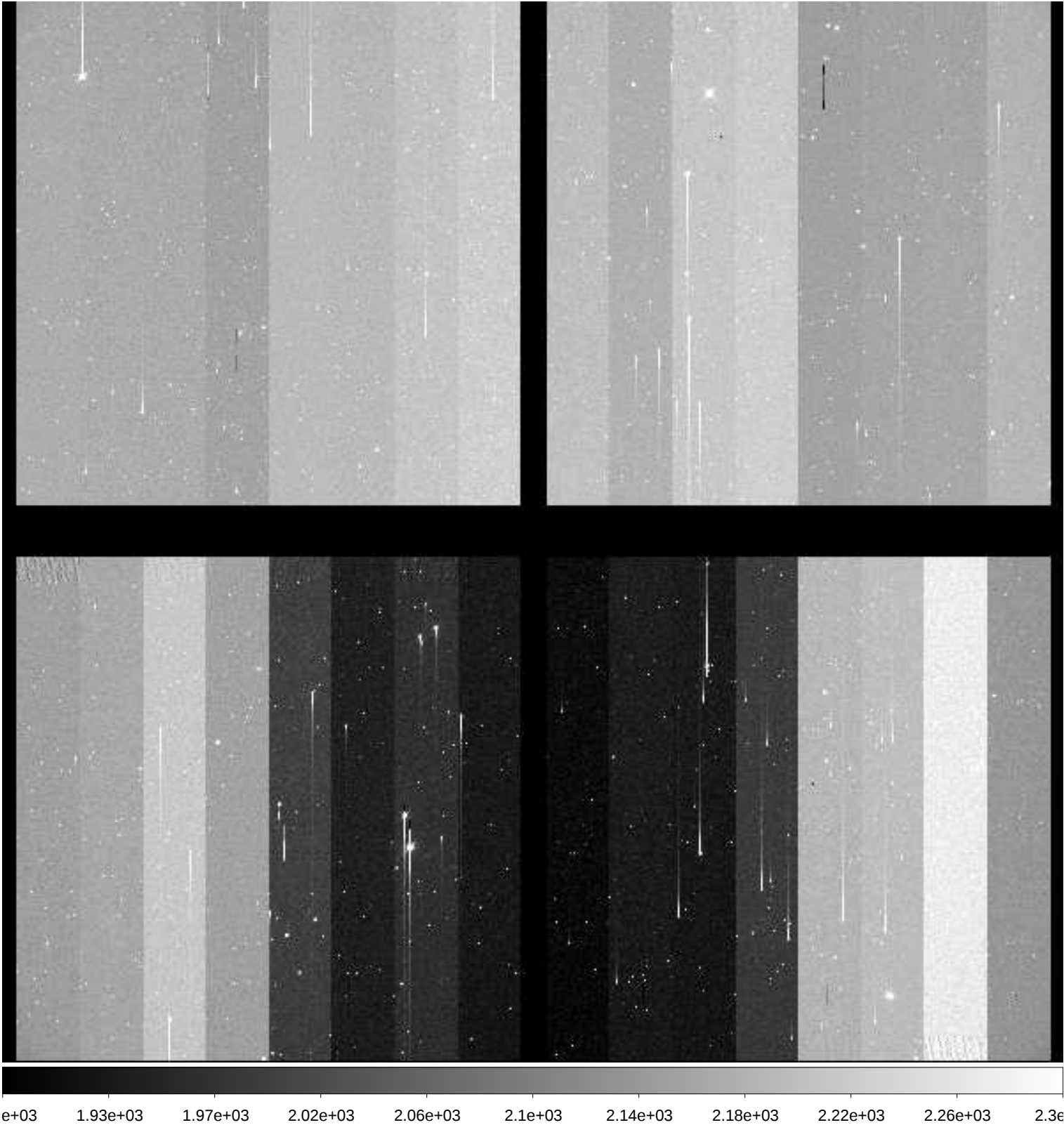
File Name : **xkmtc.20181110.004862.fits** # 14 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.670  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:22:10  
Filter ID : V  
Observation Date : 2018-11-10T00:49:11  
CCD Temperature : -84.9



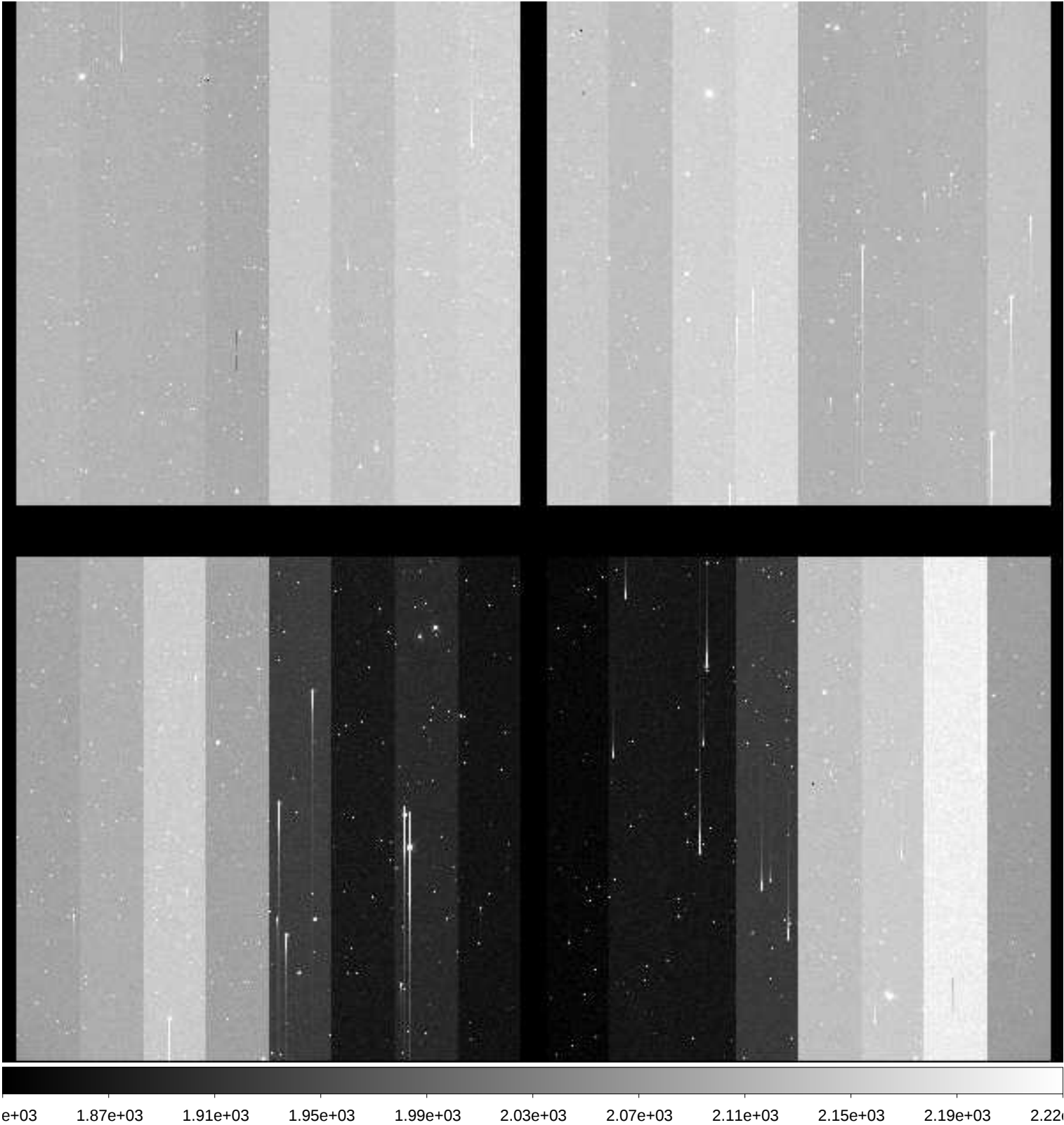
File Name : **xkmtc.20181110.004863.fits** # 15 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.680  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:25:19  
Filter ID : B  
Observation Date : 2018-11-10T00:52:07  
CCD Temperature : -84.92



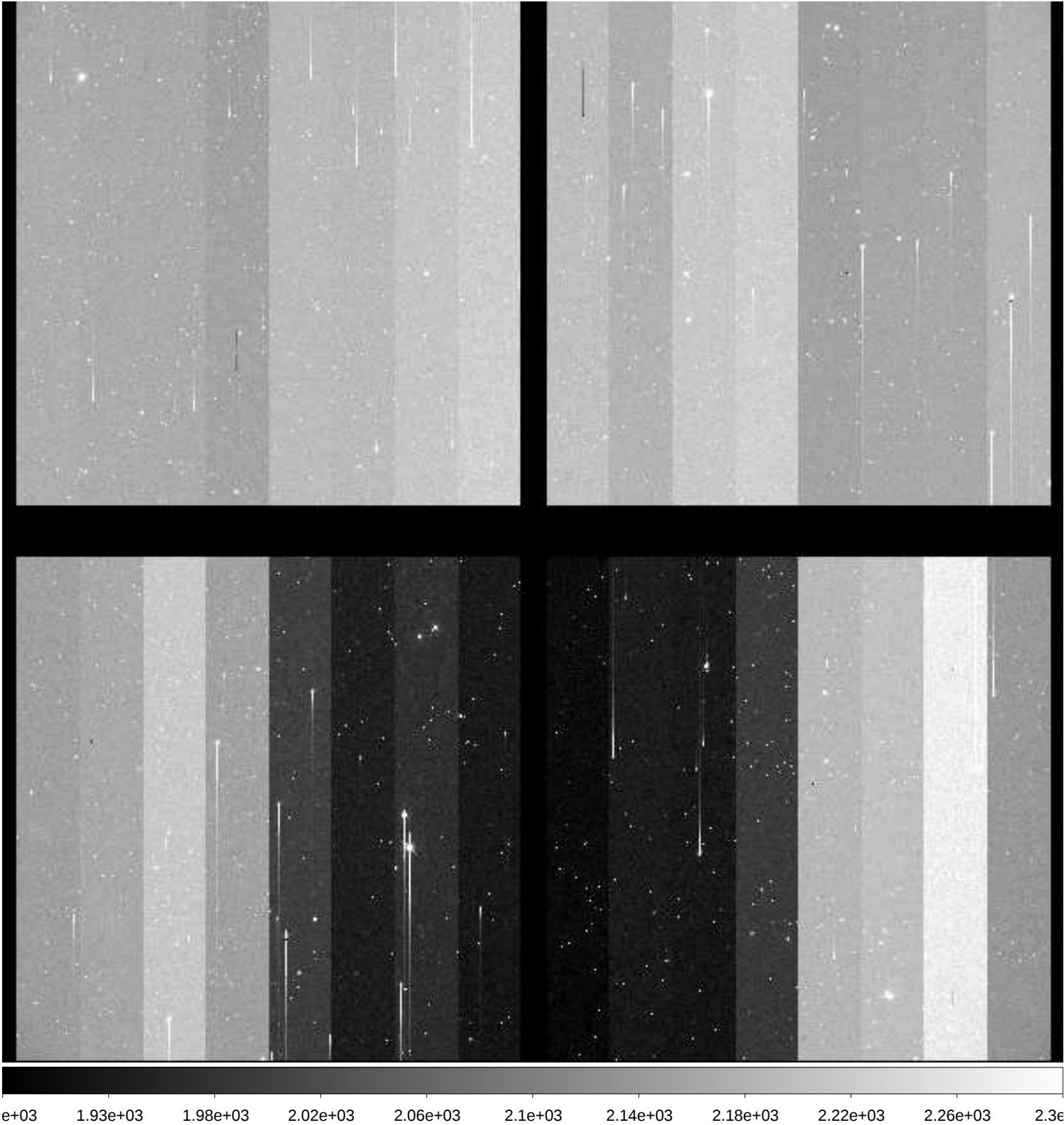
File Name : **xkmtc.20181110.004864.fits** # 16 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.680  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:28:15  
Filter ID : V  
Observation Date : 2018-11-10T00:55:03  
CCD Temperature : -83.78



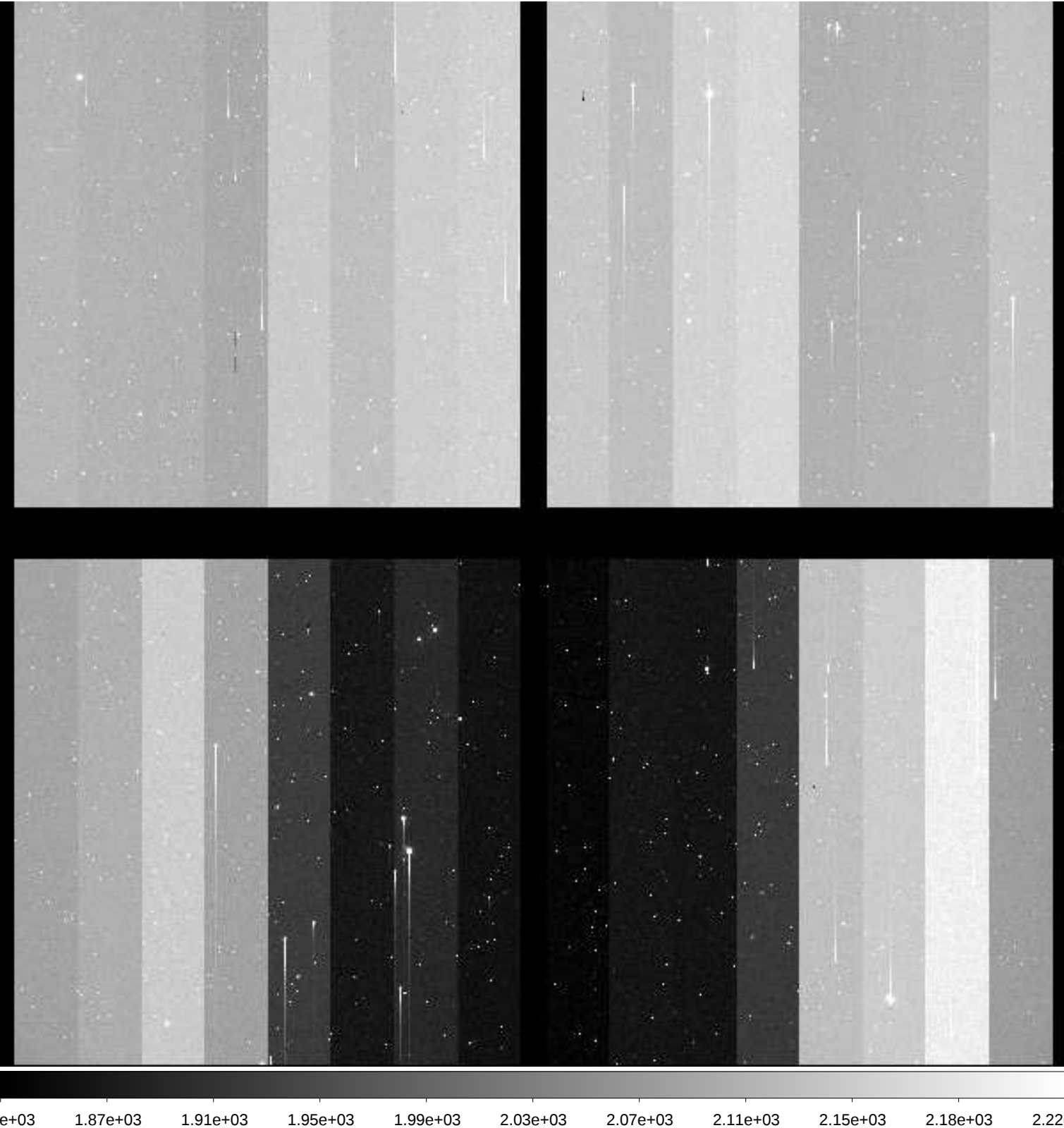
File Name : **xkmtc.20181110.004865.fits** # 17 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.670  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:31:17  
Filter ID : B  
Observation Date : 2018-11-10T00:58:03  
CCD Temperature : -84.84



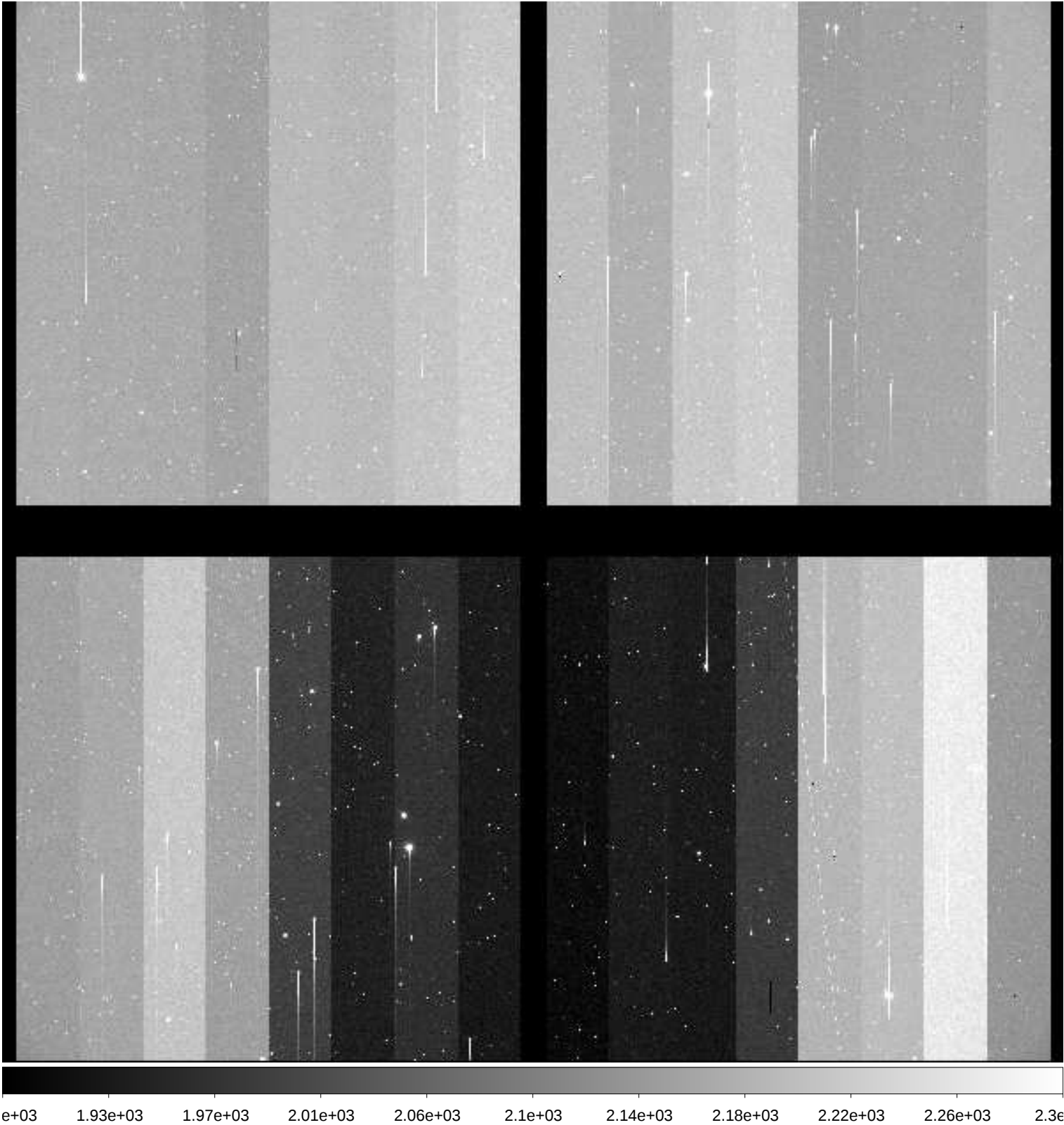
File Name : **xkmtc.20181110.004866.fits** # 18 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.690  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:34:14  
Filter ID : V  
Observation Date : 2018-11-10T01:01:01  
CCD Temperature : -83.61



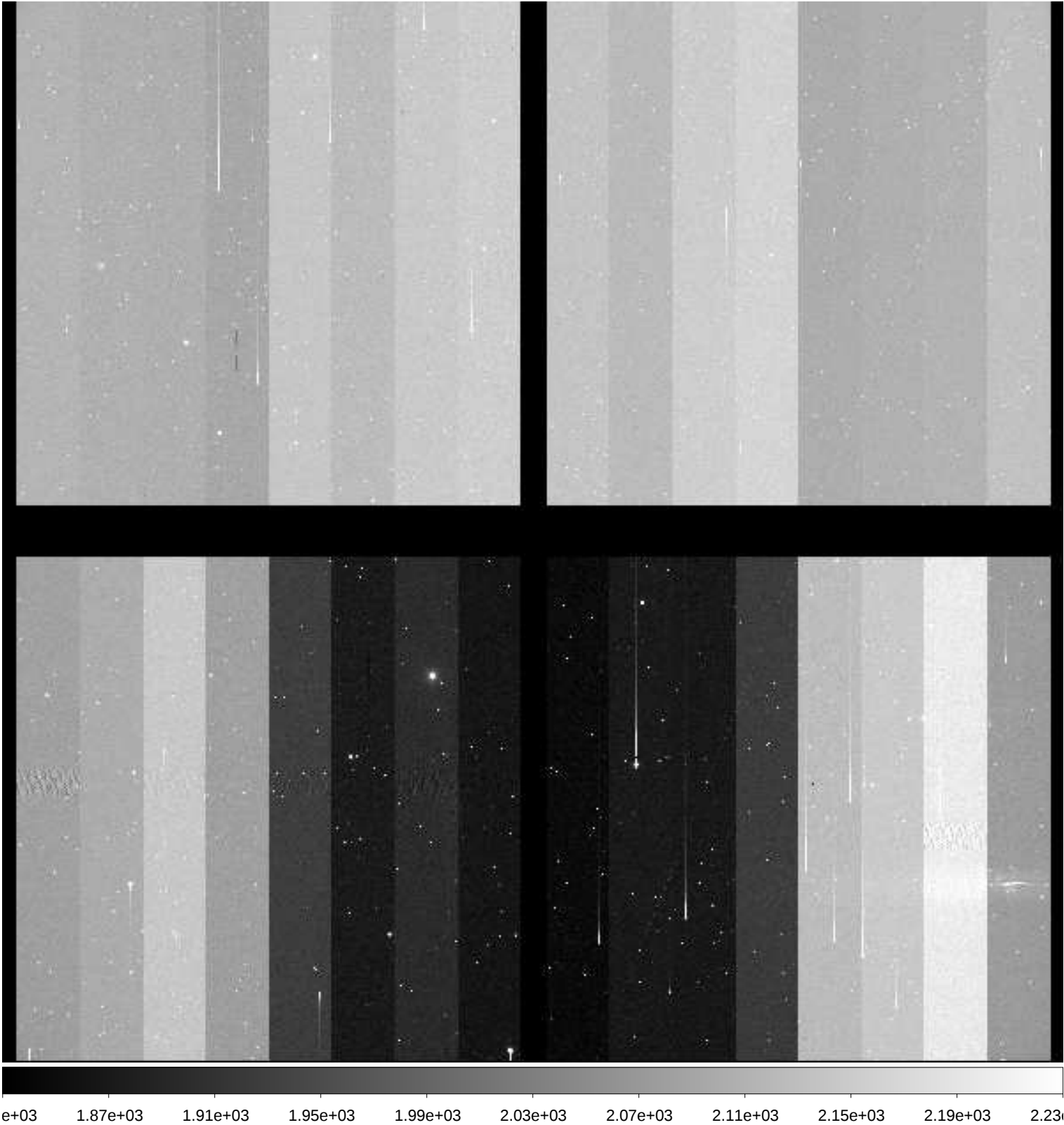
File Name : **xkmtc.20181110.004867.fits** # 19 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.670  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:37:12  
Filter ID : B  
Observation Date : 2018-11-10T01:03:58  
CCD Temperature : -84.86



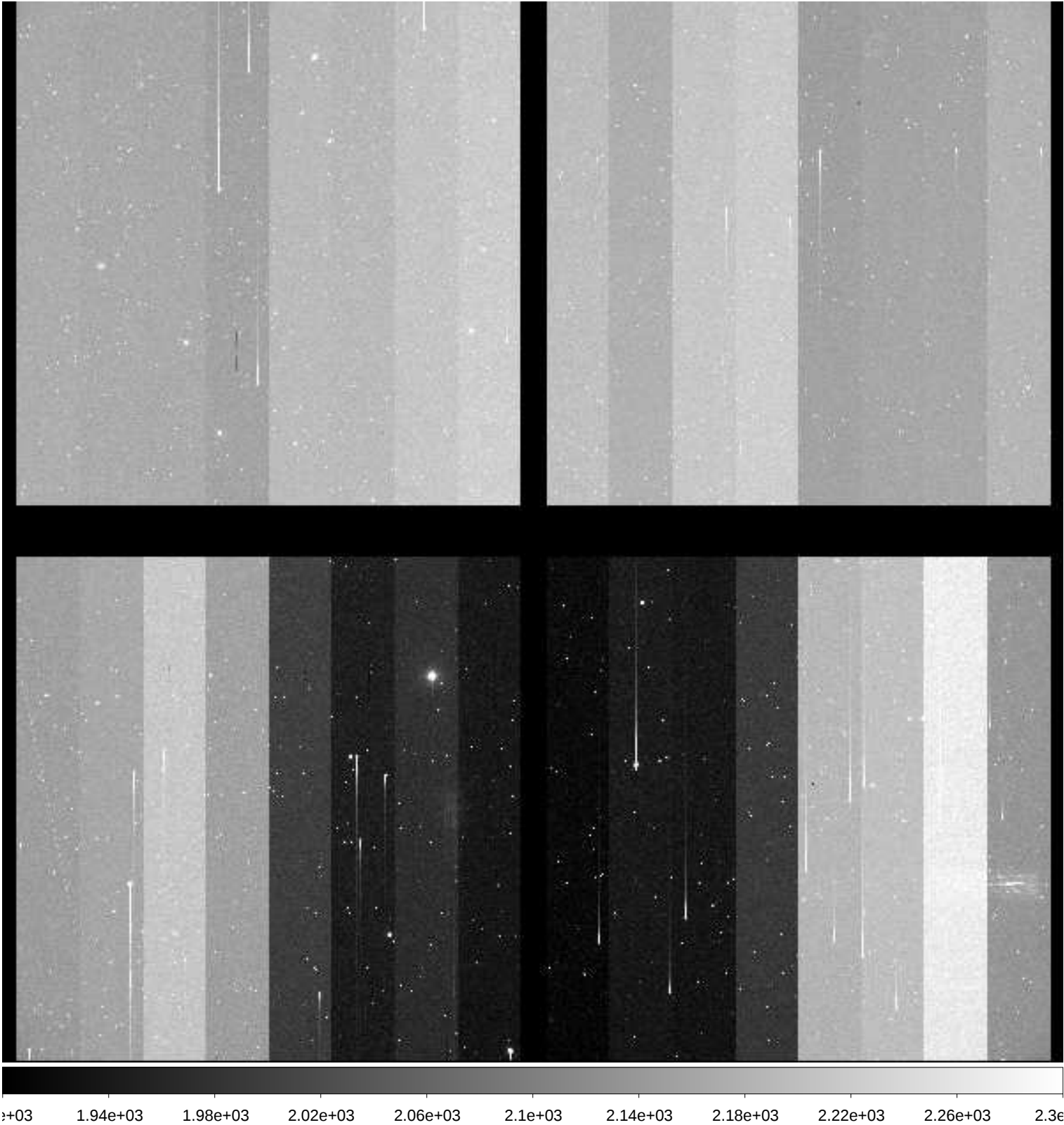
File Name : **xkmtc.20181110.004868.fits** # 20 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.670  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.20  
Sidereal Time : 23:40:11  
Filter ID : V  
Observation Date : 2018-11-10T01:06:57  
CCD Temperature : -85.09



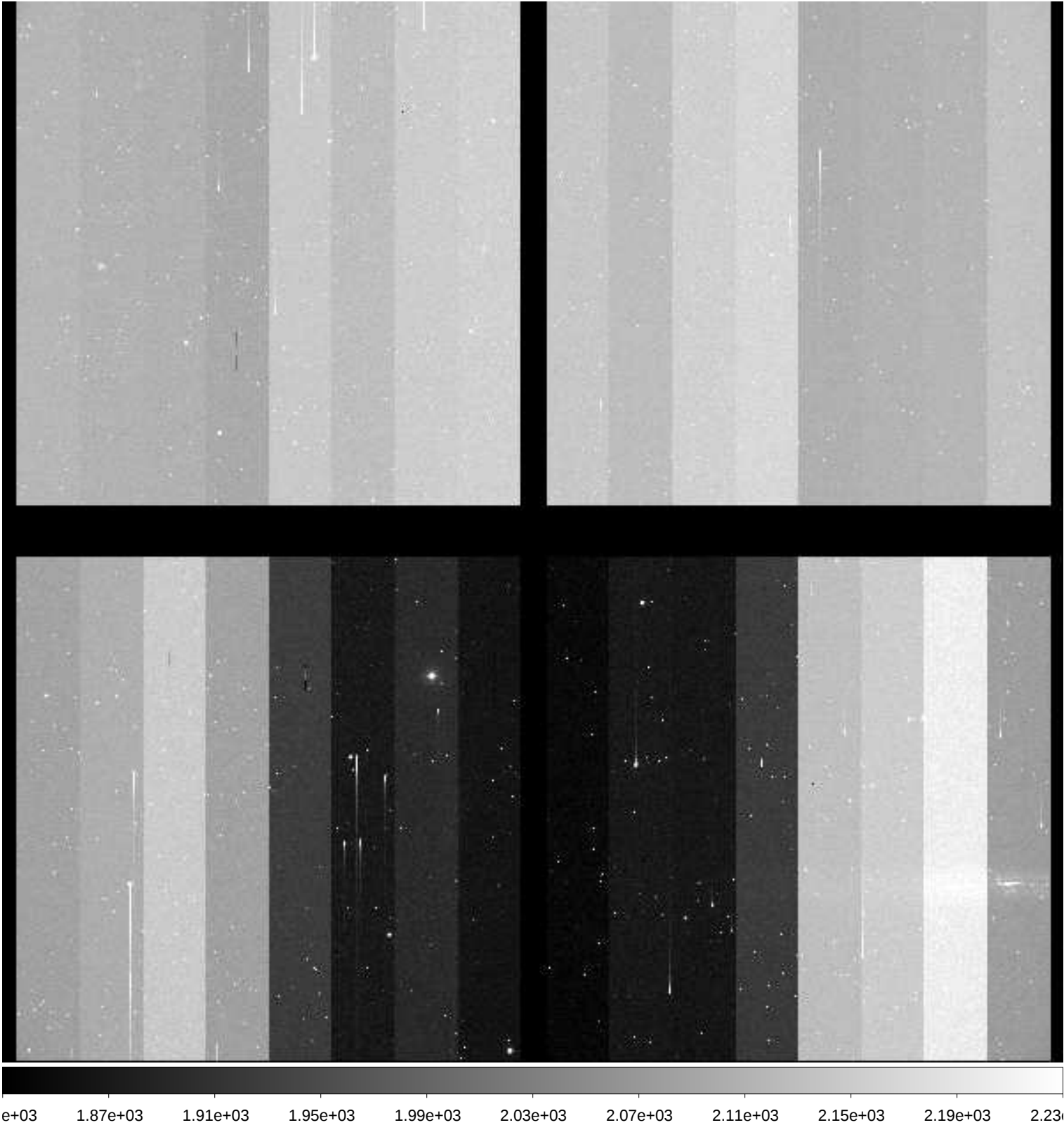
File Name : **xkmtc.20181110.004869.fits** # 21 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.480  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.08  
Sidereal Time : 23:43:18  
Filter ID : B  
Observation Date : 2018-11-10T01:10:03  
CCD Temperature : -85.22



File Name : **xkmtc.20181110.004870.fits** # 22 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.490  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.08  
Sidereal Time : 23:46:17  
Filter ID : V  
Observation Date : 2018-11-10T01:13:02  
CCD Temperature : -85.27



File Name : **xkmtc.20181110.004871.fits** # 23 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.490  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.08  
Sidereal Time : 23:49:14  
Filter ID : B  
Observation Date : 2018-11-10T01:15:59  
CCD Temperature : -85.36



File Name : **xkmtc.20181110.004872.fits** # 24 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **gru1**

RA : 22:59:50.490

DEC : -50:39:36.10

Exposure Time : 120

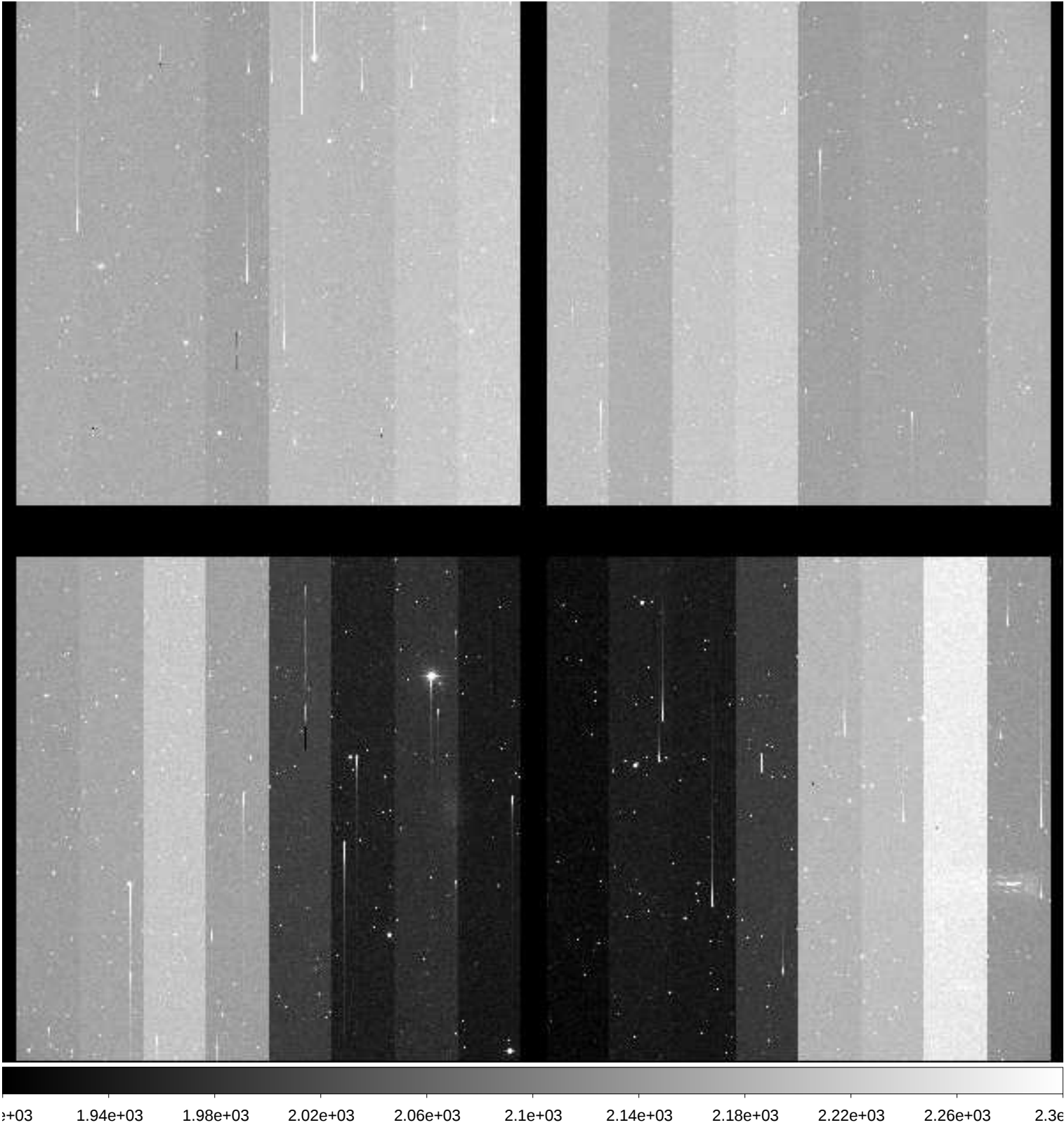
Airmass : 1.08

Sidereal Time : 23:52:20

Filter ID : V

Observation Date : 2018-11-10T01:19:03

CCD Temperature : -85.51



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: xkmtc.20181110.004873.fits

ECSUNG

OBJECT

gru1

22:59:50.490

-50:39:36.10

120

1.09

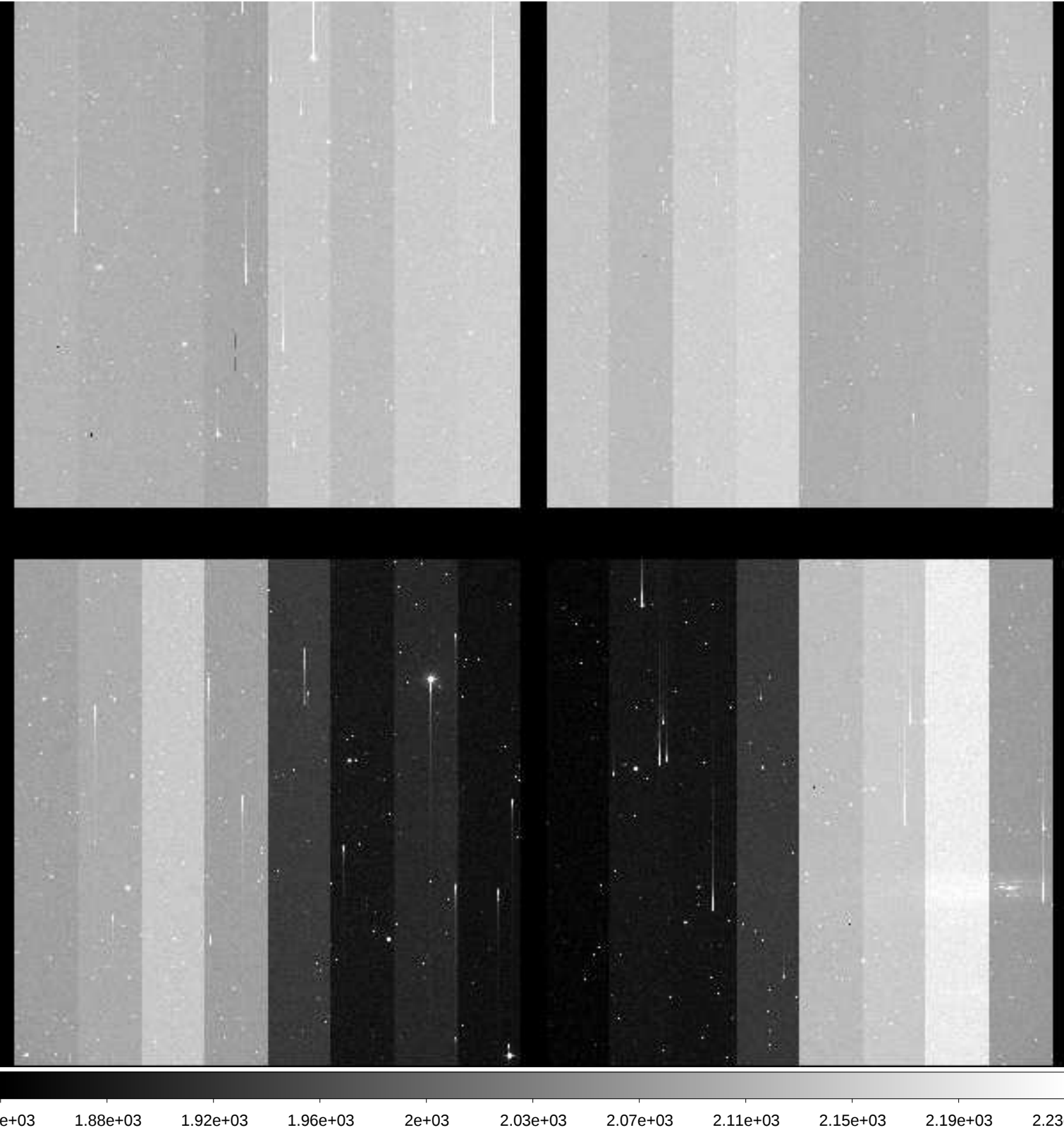
23:55:16

B

2018-11-10T01:22:00

-85.53

# 25 / 164 #



File Name : **xkmtc.20181110.004874.fits** # 26 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **gru1**

RA : 22:59:50.500

DEC : -50:39:36.10

Exposure Time : 120

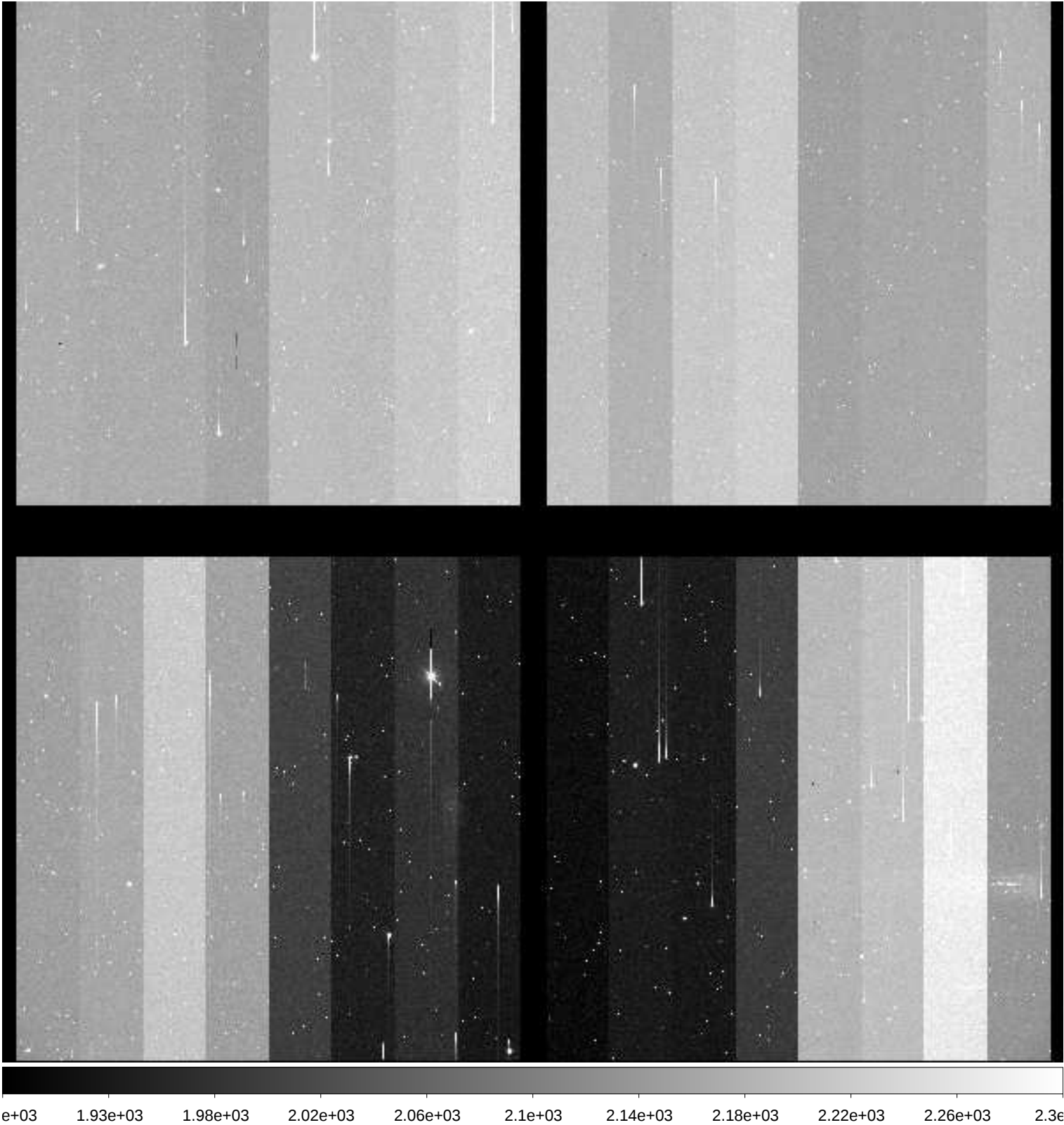
Airmass : 1.09

Sidereal Time : 23:58:13

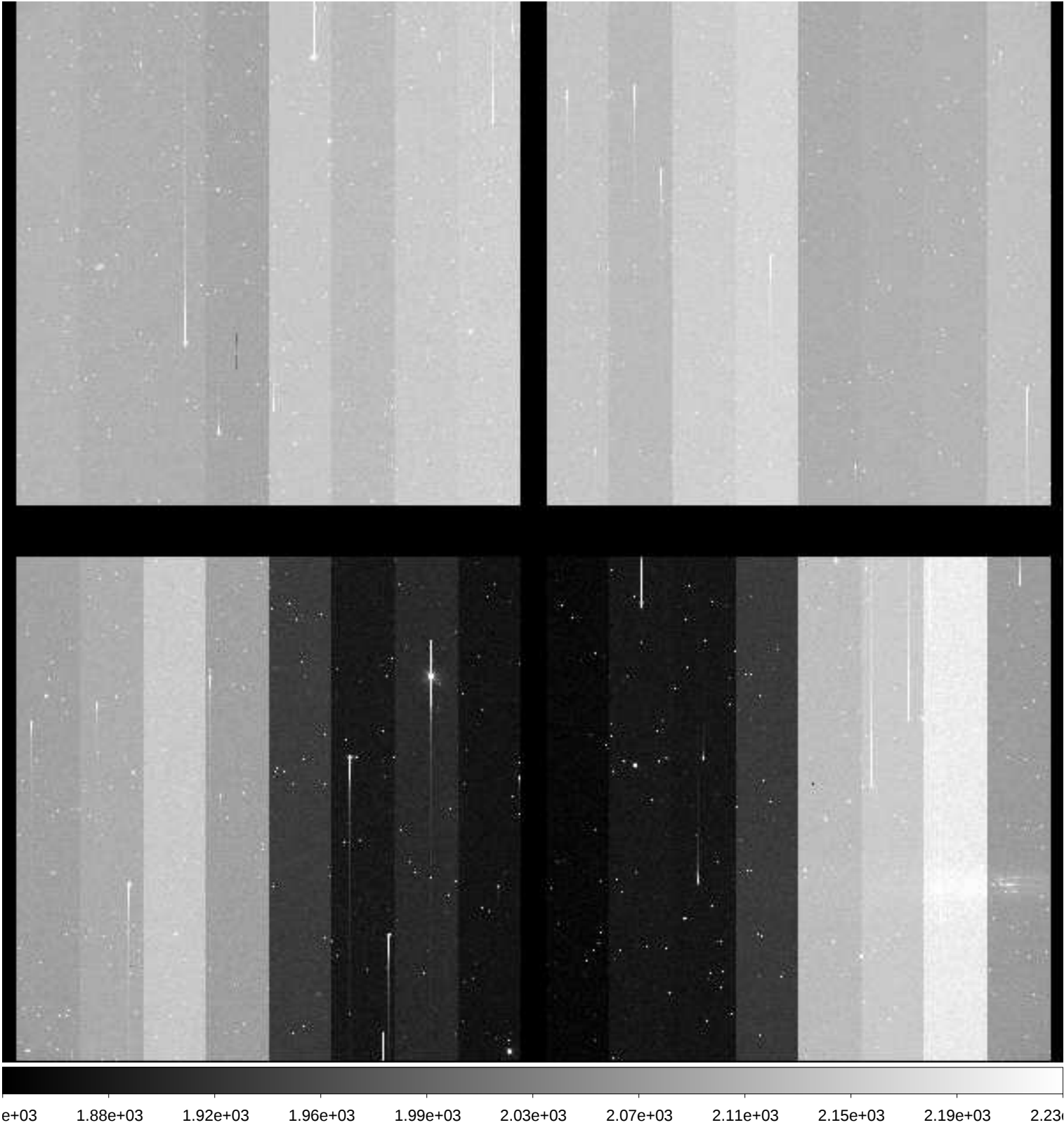
Filter ID : V

Observation Date : 2018-11-10T01:24:58

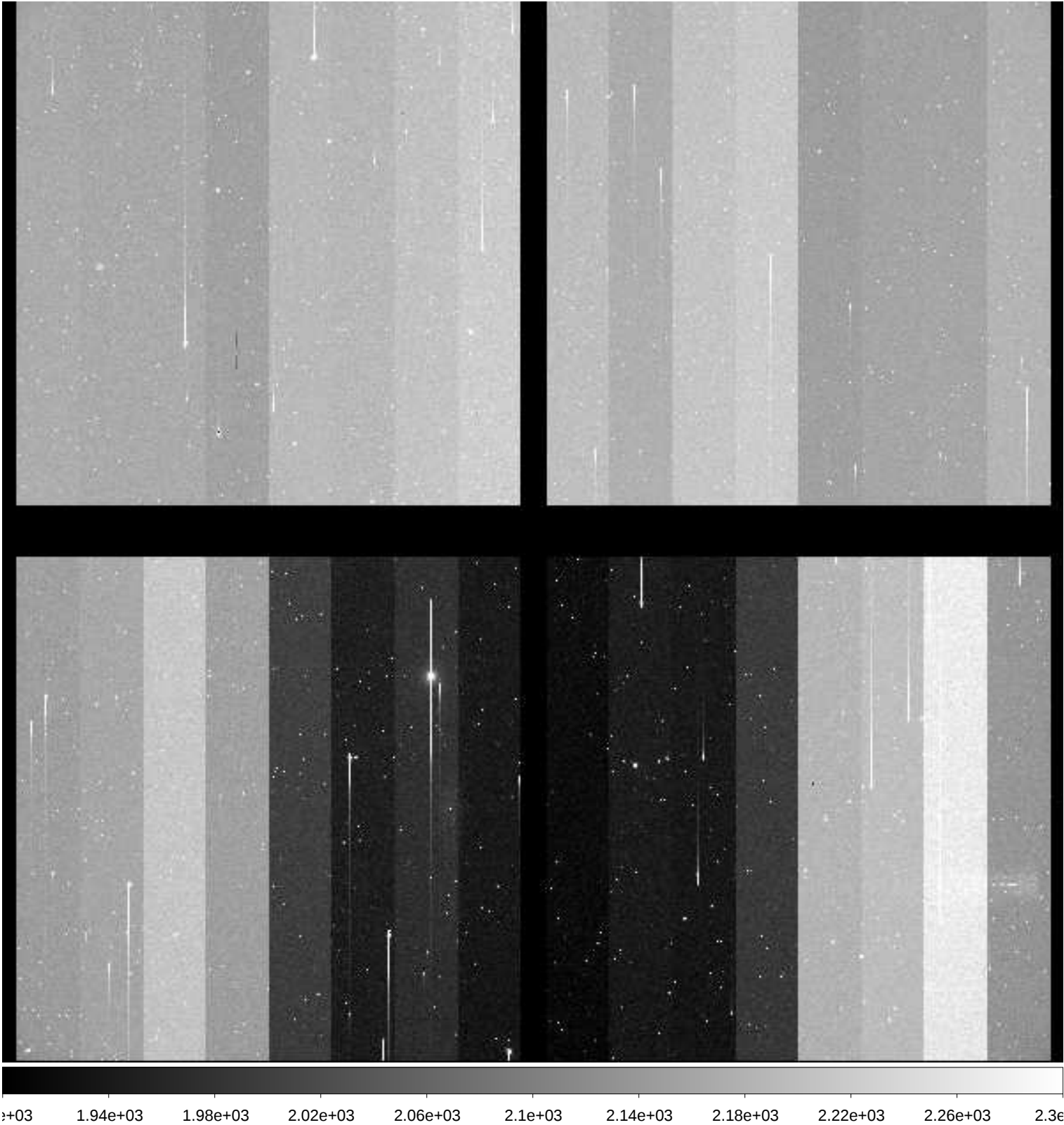
CCD Temperature : -85.57



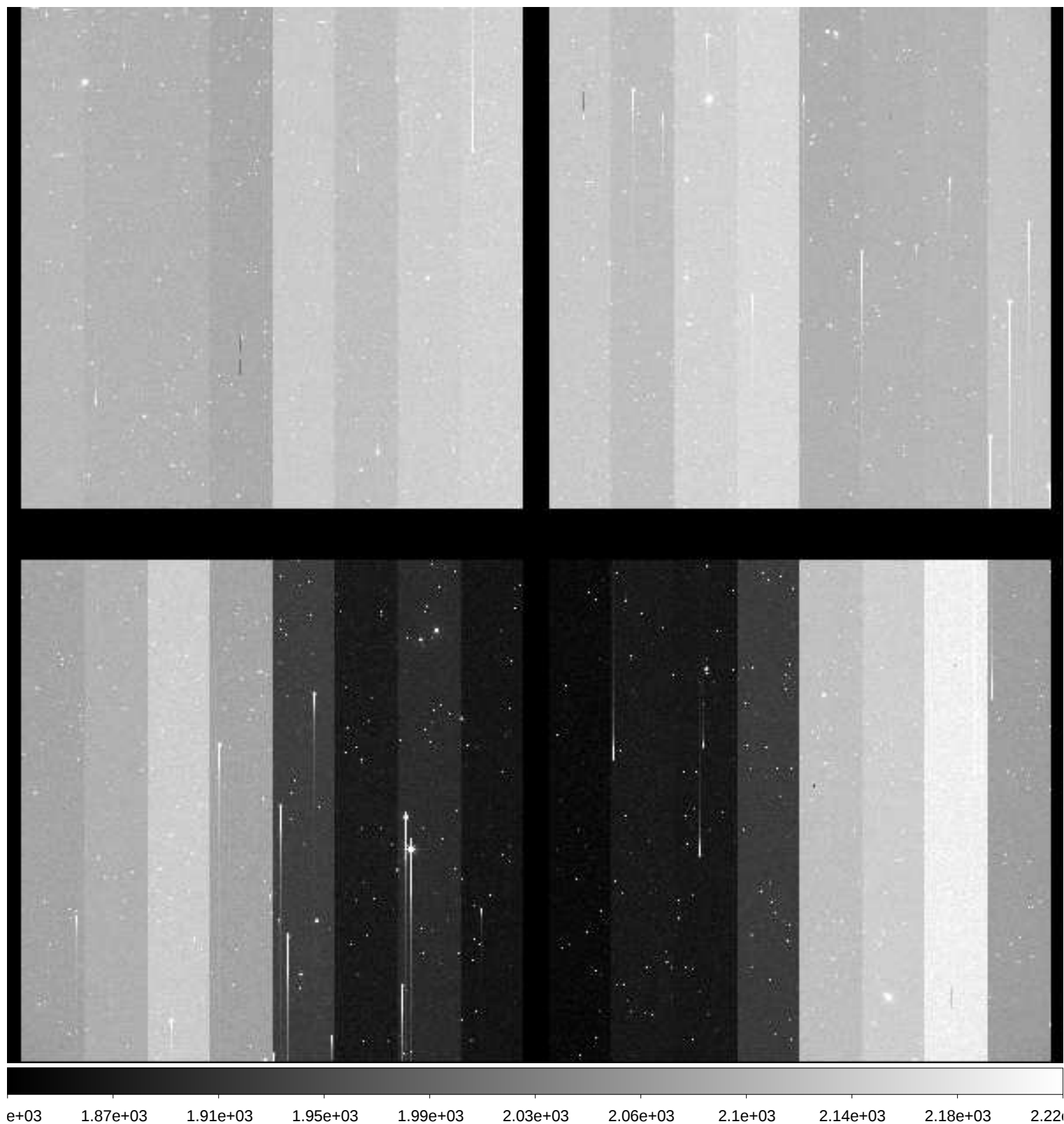
File Name : **xkmtc.20181110.004875.fits** # 27 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.480  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.09  
Sidereal Time : 00:01:17  
Filter ID : B  
Observation Date : 2018-11-10T01:27:59  
CCD Temperature : -85.71



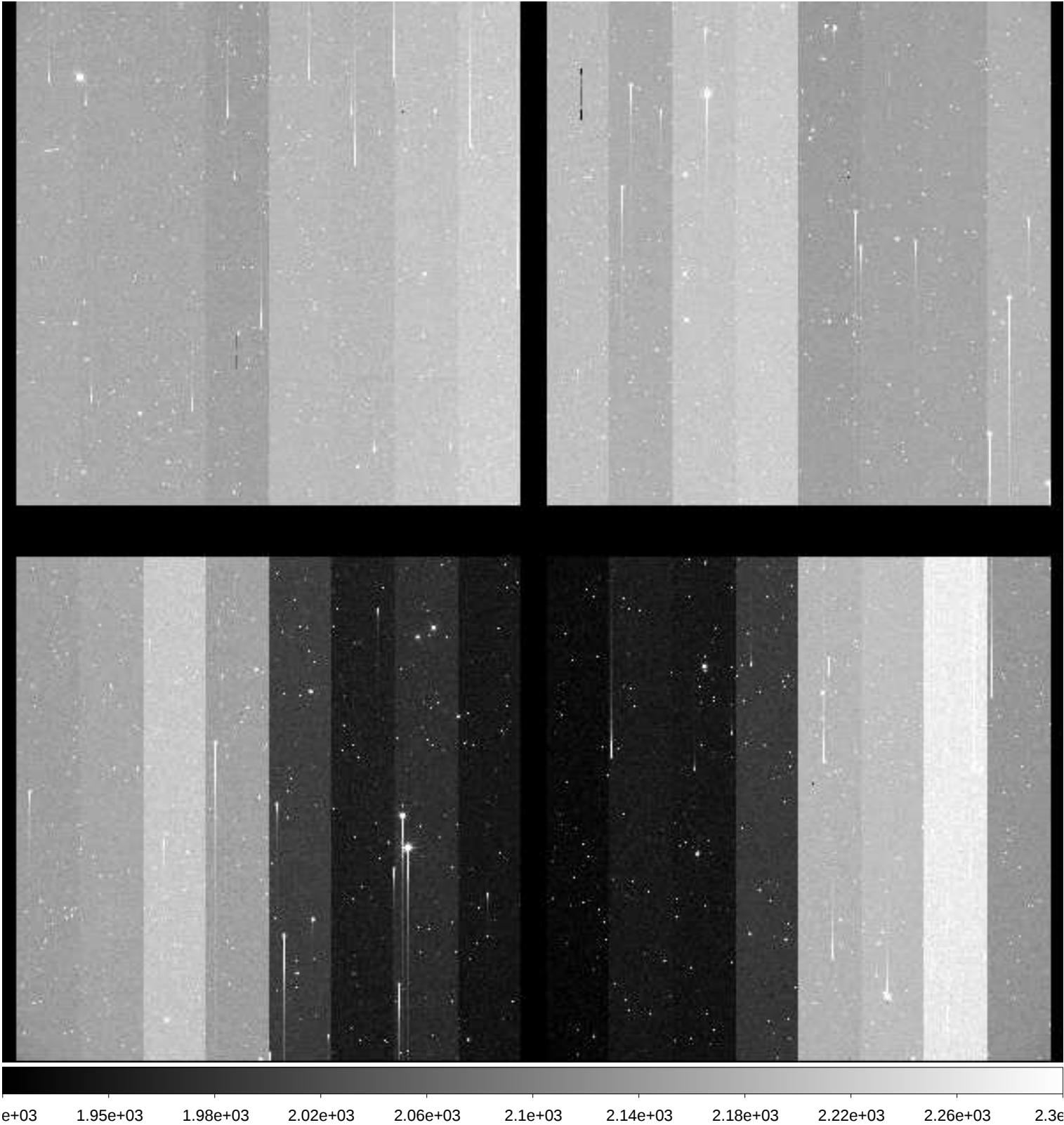
File Name : **xkmtc.20181110.004876.fits** # 28 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.490  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.09  
Sidereal Time : 00:04:17  
Filter ID : V  
Observation Date : 2018-11-10T01:30:59  
CCD Temperature : -85.74



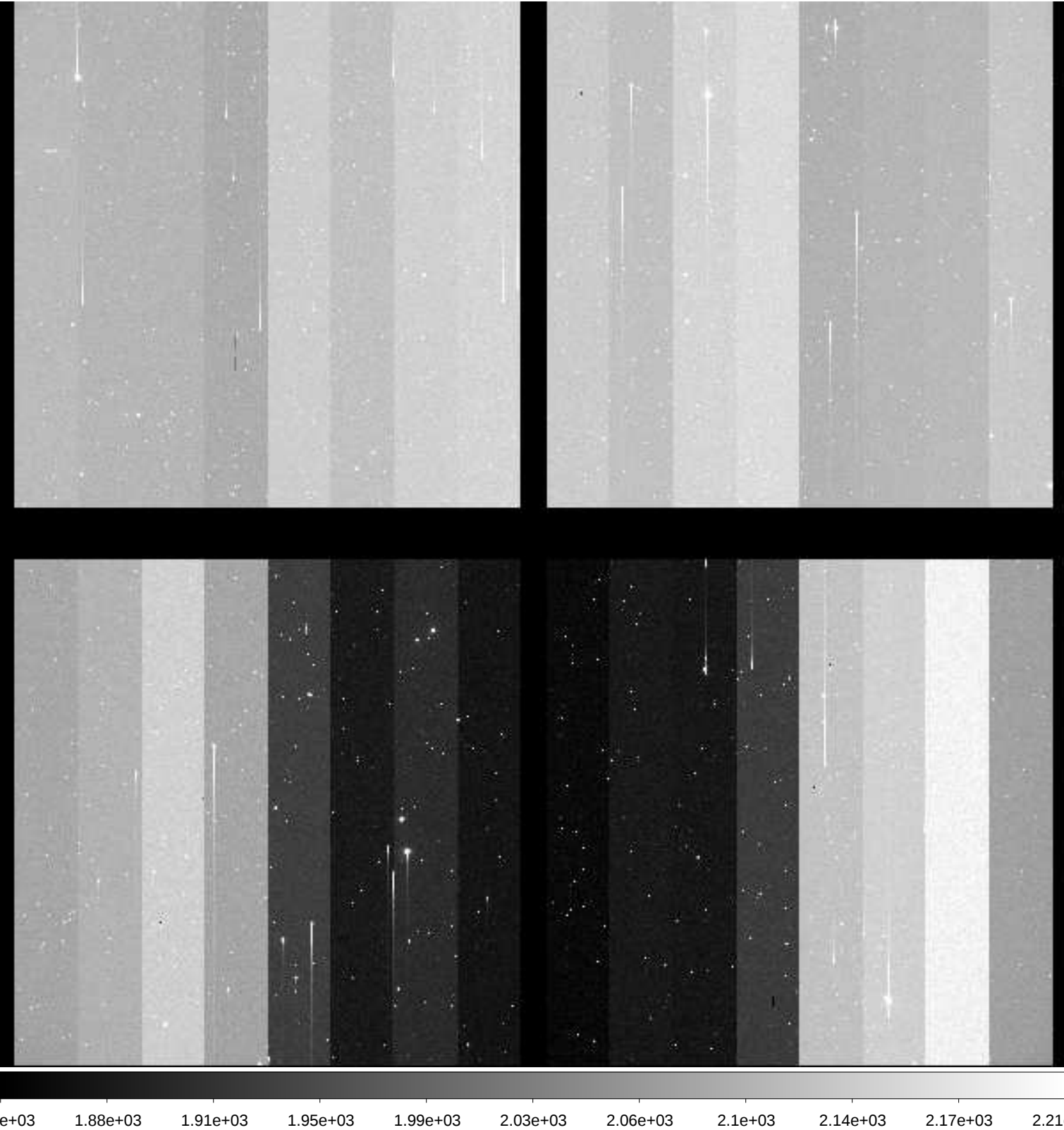
# 29 / 164 #



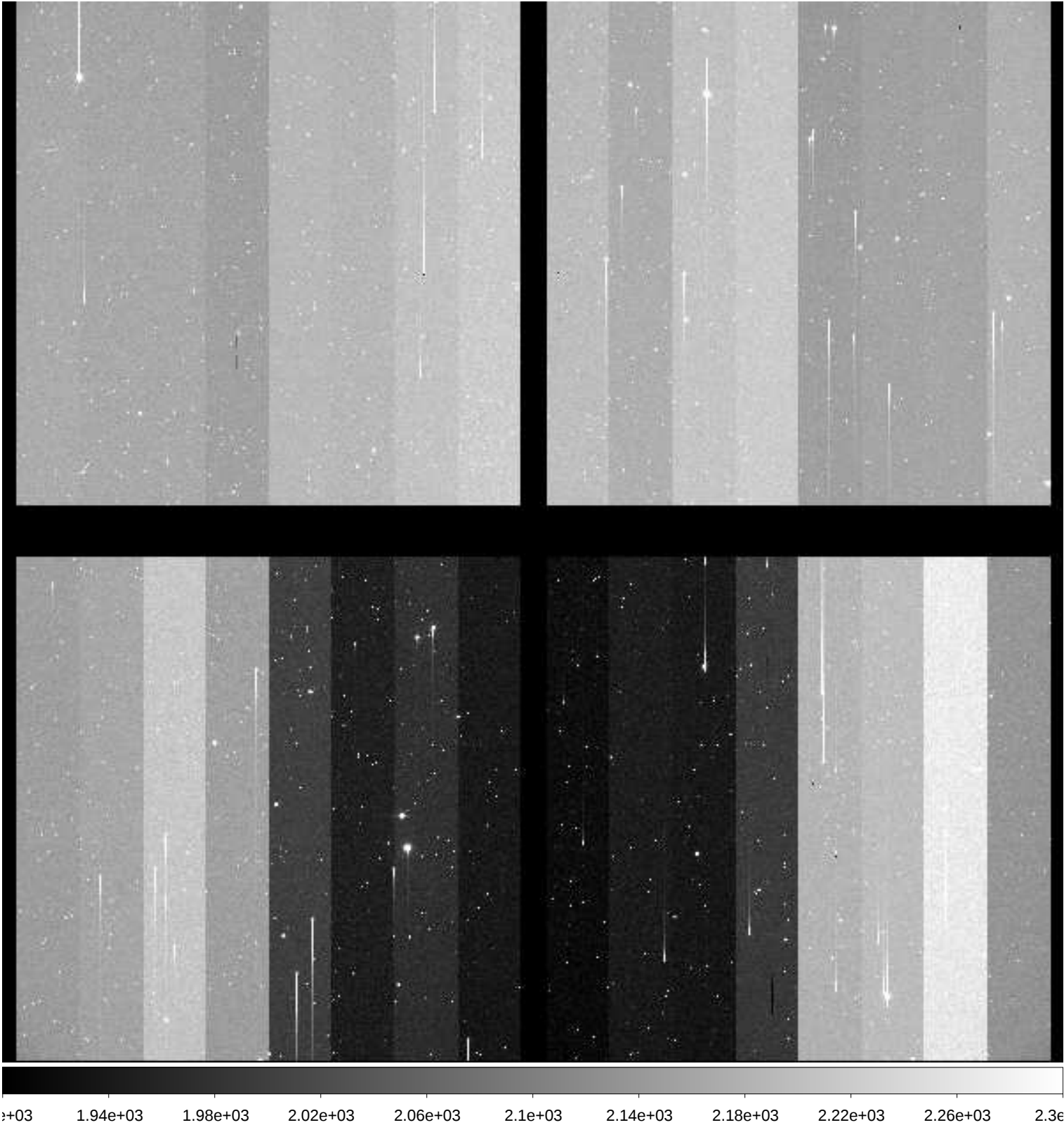
File Name : **xkmtc.20181110.004878.fits** # 30 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.670  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 00:10:28  
Filter ID : V  
Observation Date : 2018-11-10T01:37:08  
CCD Temperature : -85.67



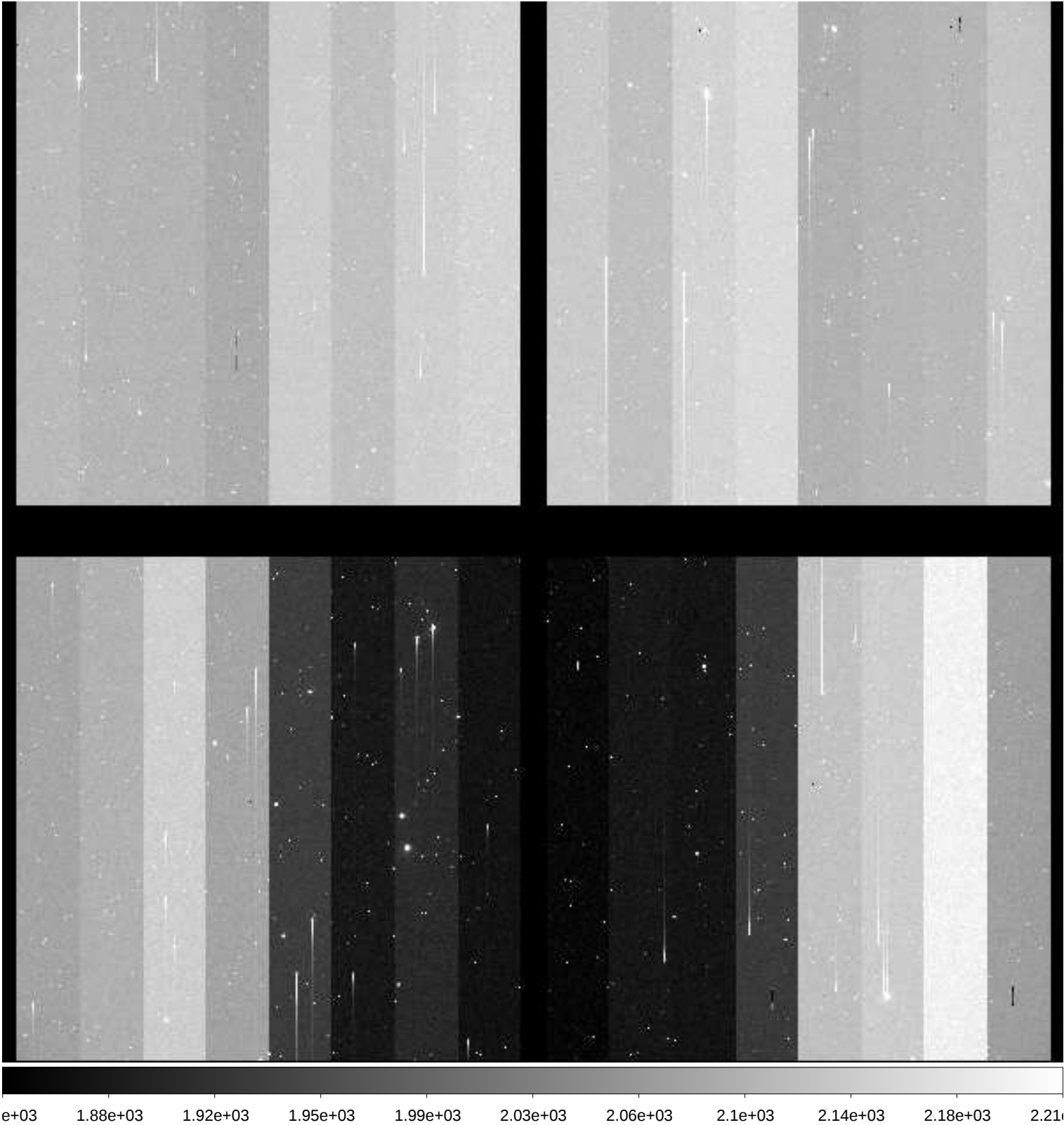
File Name : **xkmtc.20181110.004879.fits** # 31 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.660  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 00:13:25  
Filter ID : B  
Observation Date : 2018-11-10T01:40:05  
CCD Temperature : -85.82



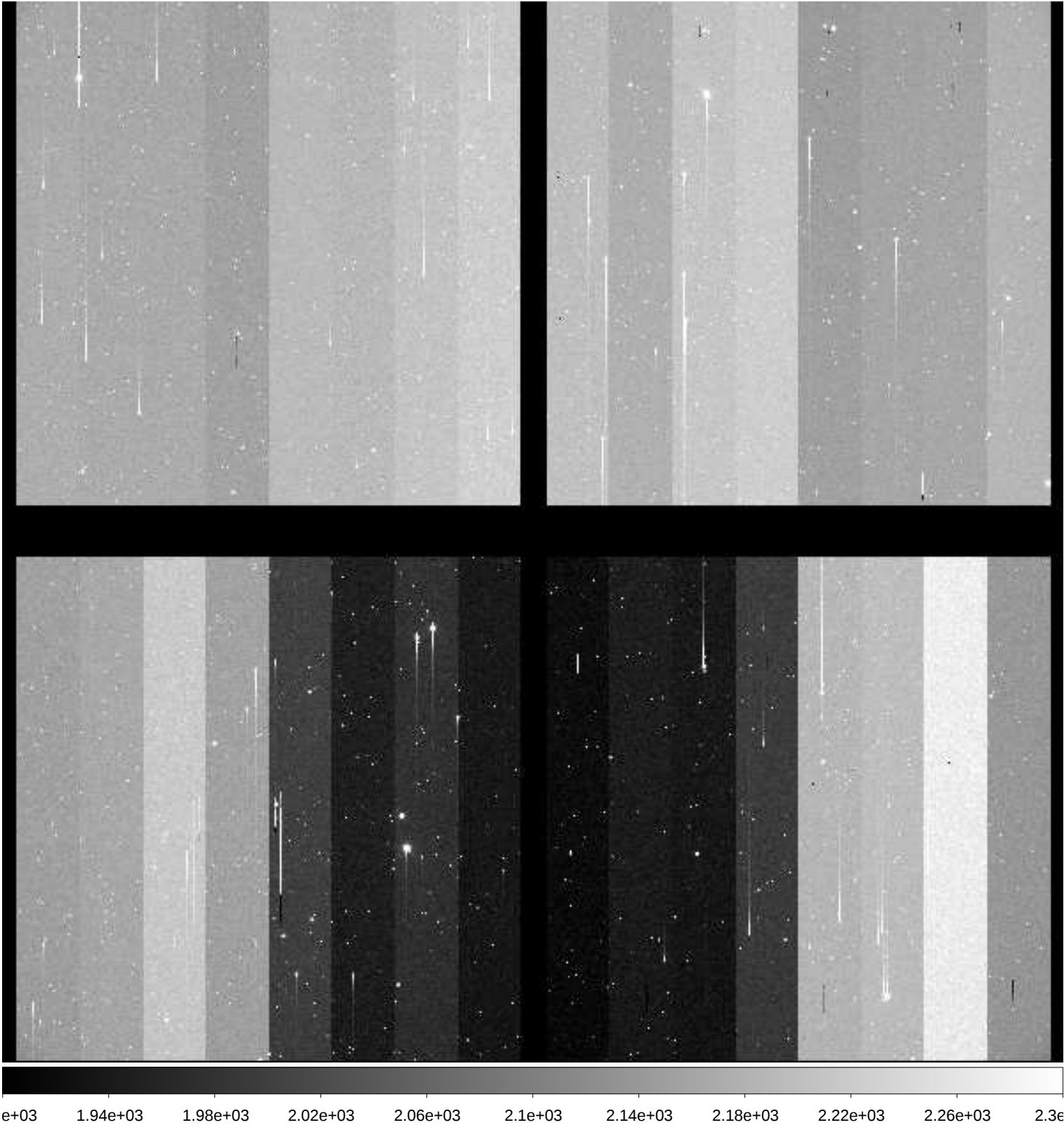
File Name : **xkmtc.20181110.004880.fits** # 32 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.640  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 00:16:22  
Filter ID : V  
Observation Date : 2018-11-10T01:43:02  
CCD Temperature : -85.93



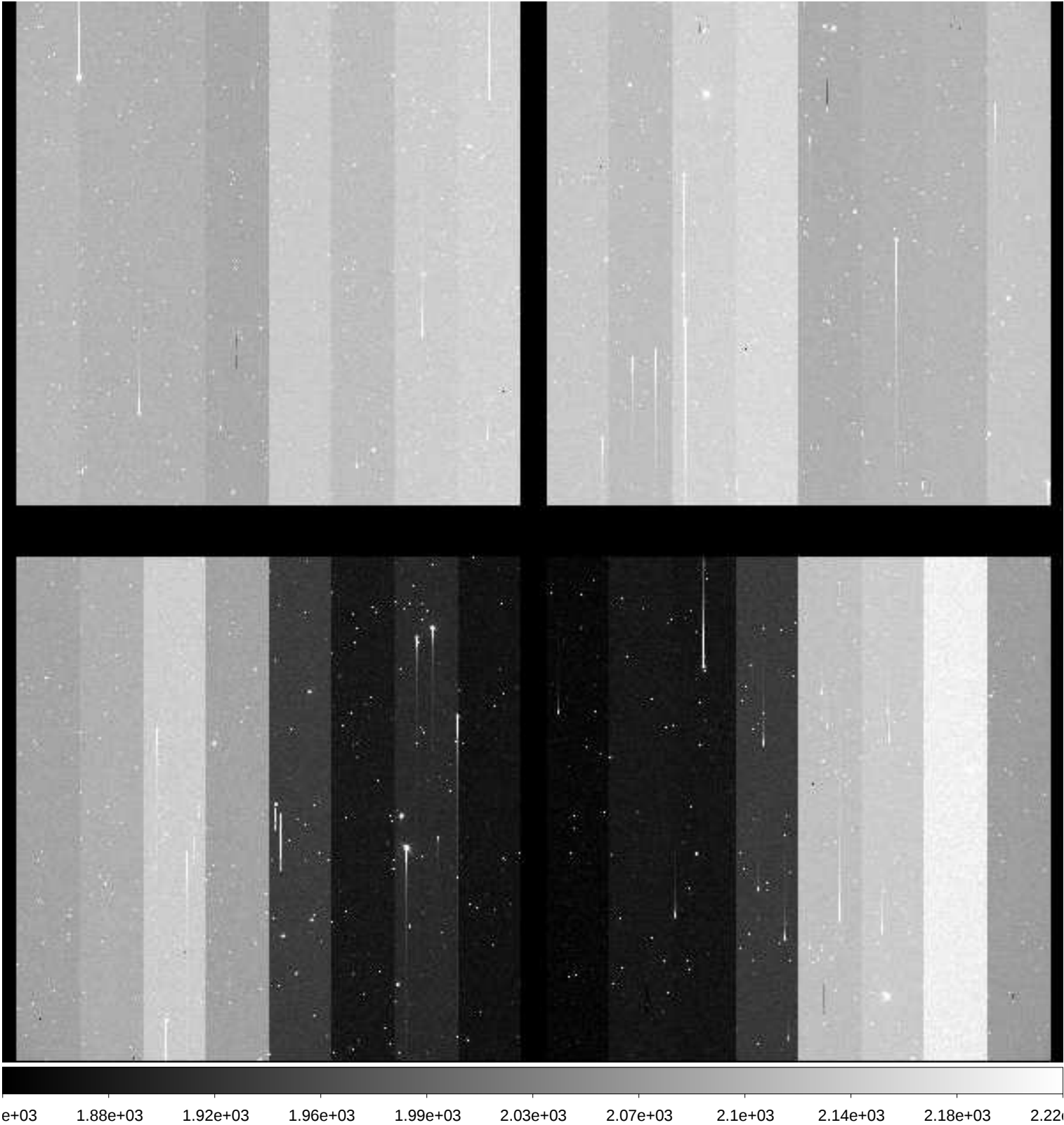
File Name : **xkmtc.20181110.004881.fits** # 33 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.660  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 00:19:20  
Filter ID : B  
Observation Date : 2018-11-10T01:46:12  
CCD Temperature : -86



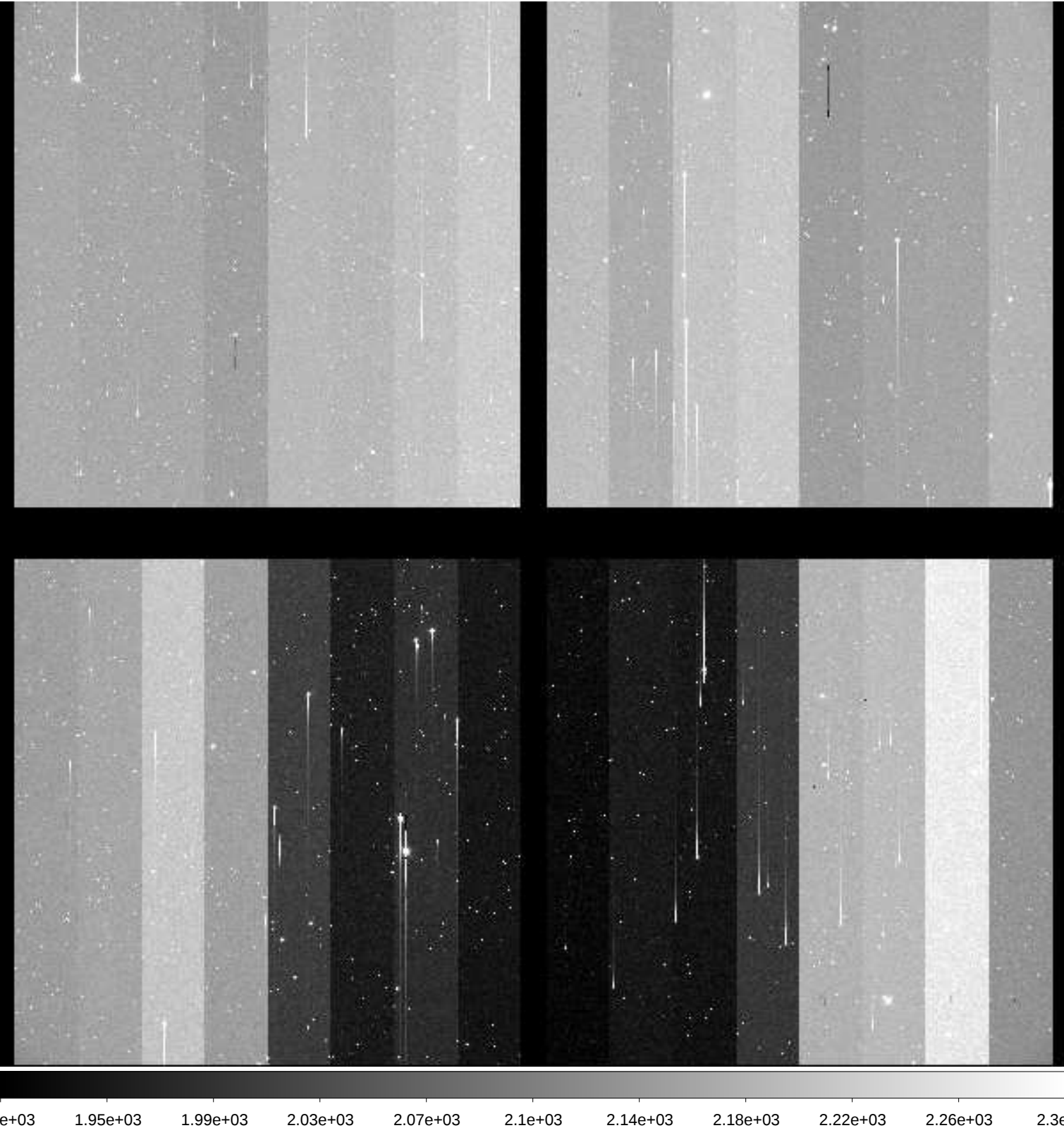
File Name : **xkmtc.20181110.004882.fits** # 34 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.650  
DEC : -63:46:12.40  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 00:22:30  
Filter ID : V  
Observation Date : 2018-11-10T01:49:09  
CCD Temperature : -86.1



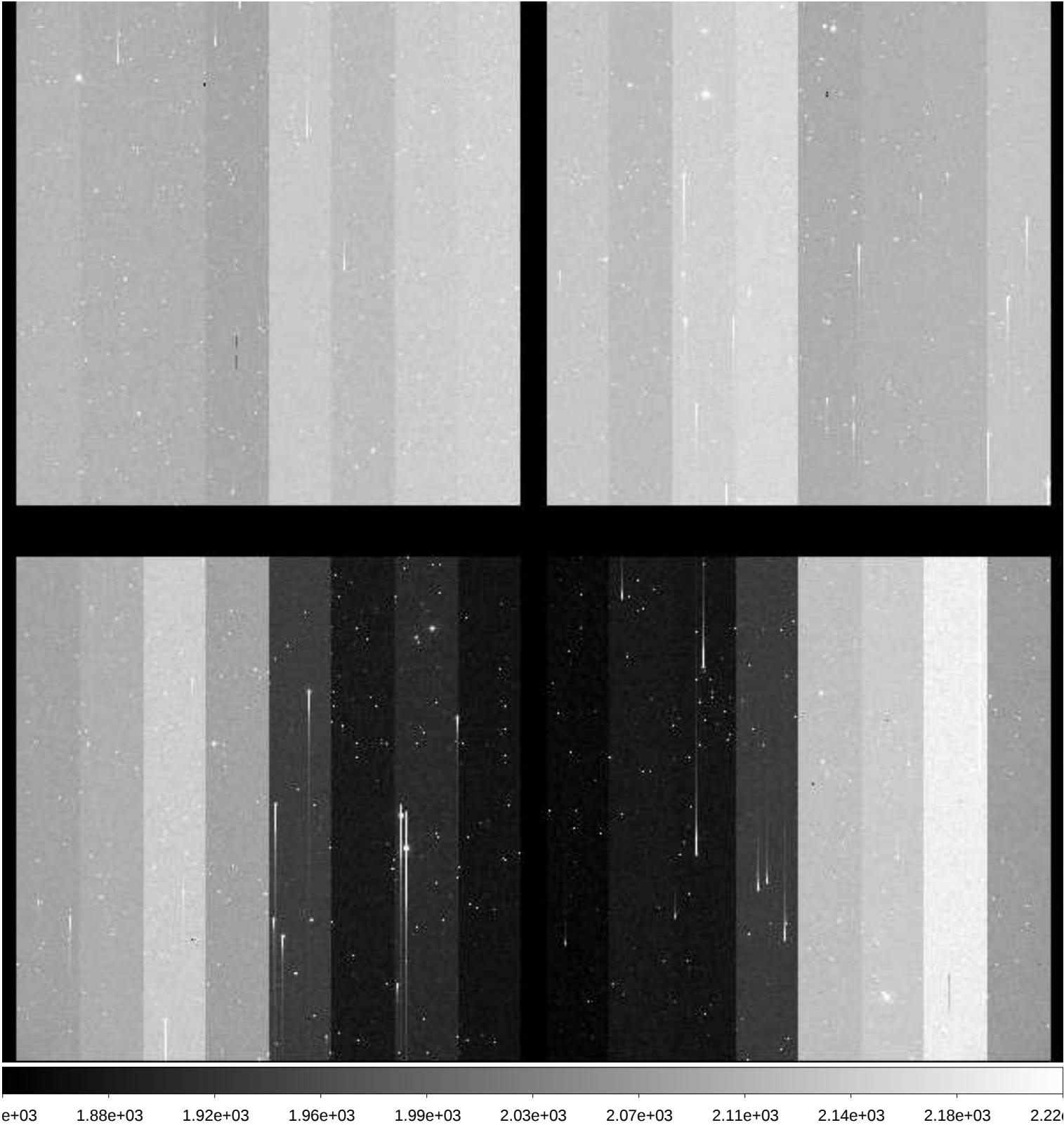
File Name : **xkmtc.20181110.004883.fits** # 35 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.650  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 00:25:32  
Filter ID : B  
Observation Date : 2018-11-10T01:52:10  
CCD Temperature : -86.16



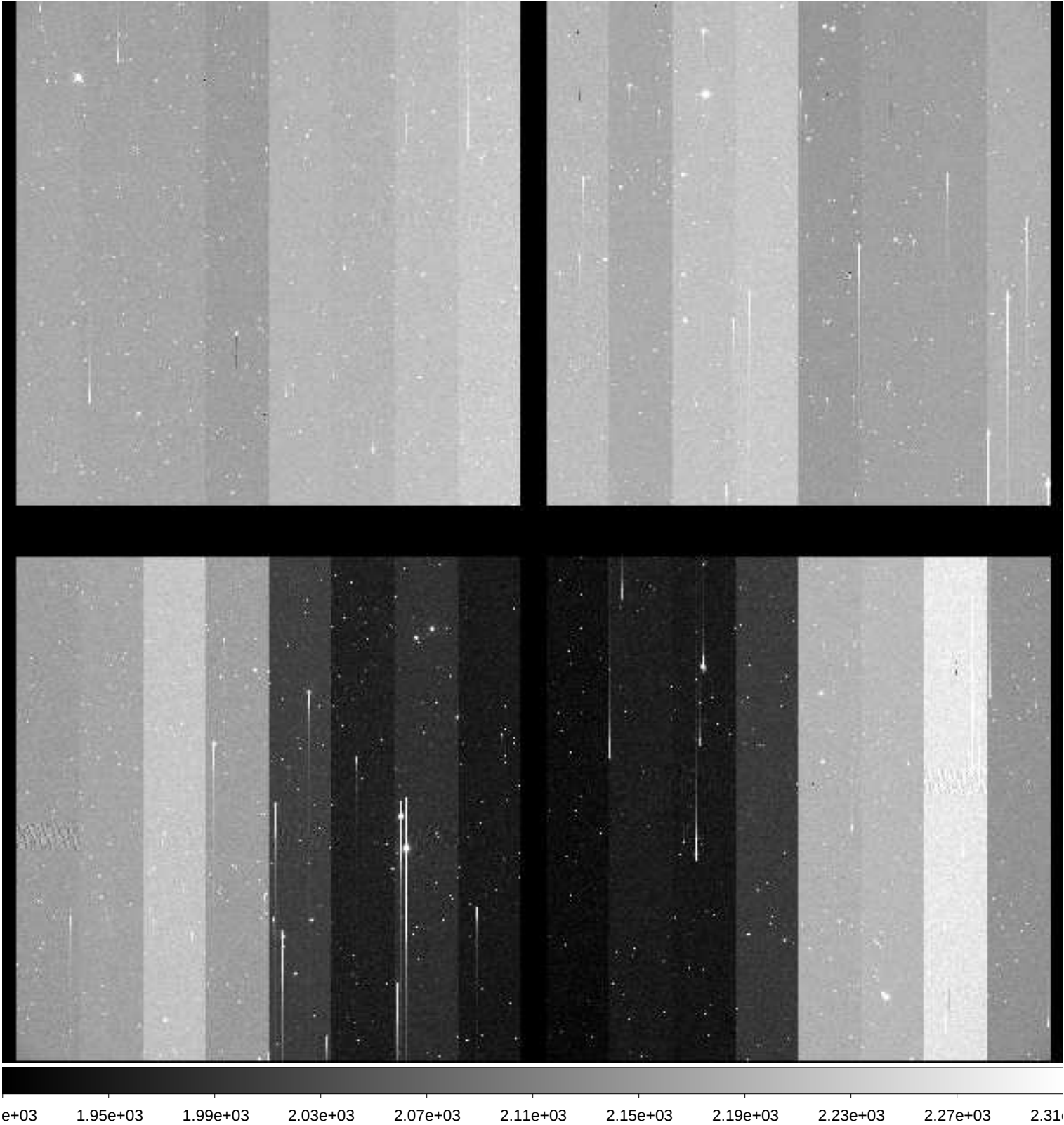
File Name : **xkmtc.20181110.004884.fits** # 36 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.640  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 00:28:31  
Filter ID : V  
Observation Date : 2018-11-10T01:55:09  
CCD Temperature : -86.31



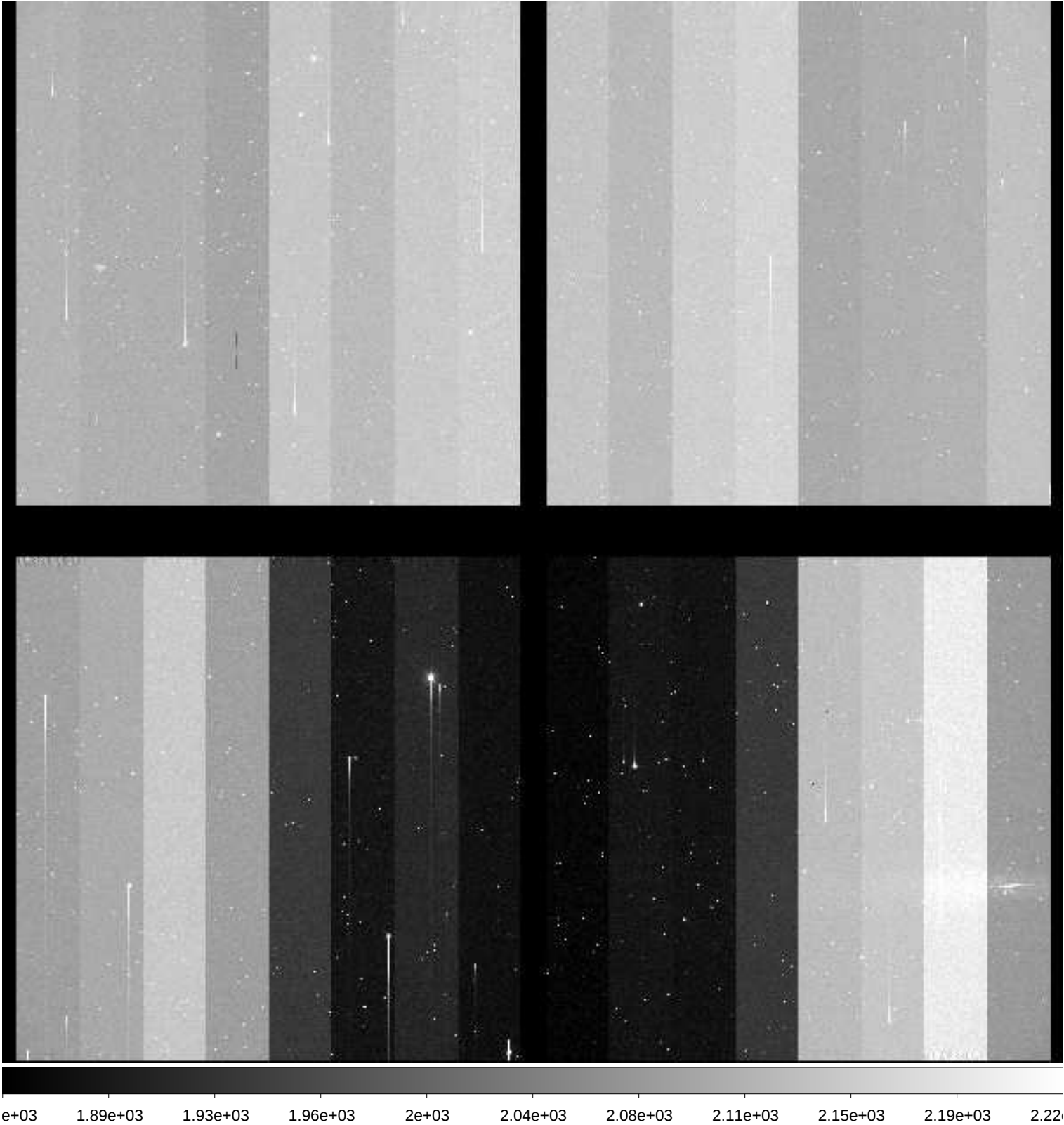
File Name : **xkmtc.20181110.004885.fits** # 37 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.660  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.21  
Sidereal Time : 00:31:28  
Filter ID : B  
Observation Date : 2018-11-10T01:58:18  
CCD Temperature : -86.34



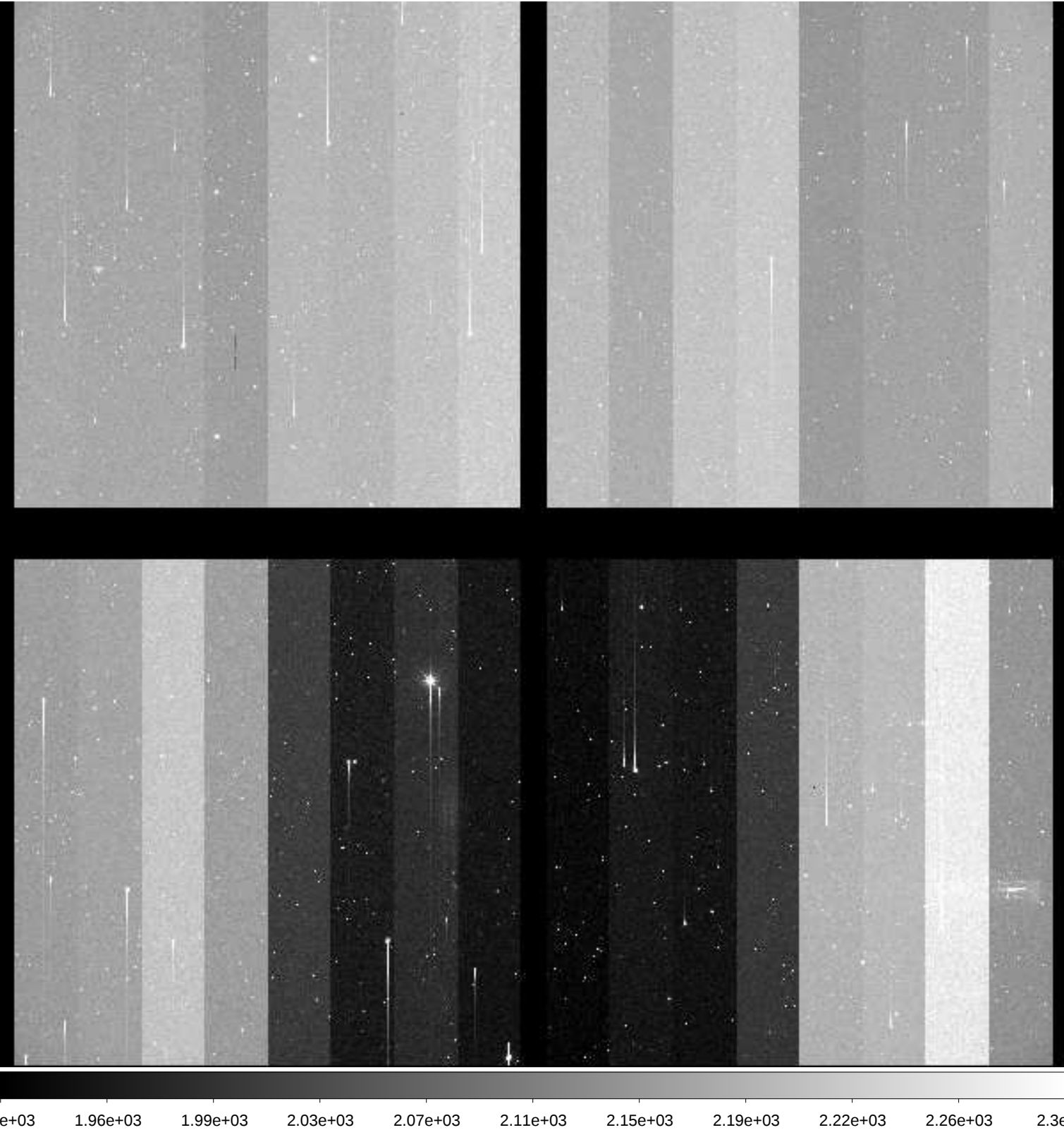
File Name : **xkmtc.20181110.004886.fits** # 38 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.640  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.22  
Sidereal Time : 00:34:39  
Filter ID : V  
Observation Date : 2018-11-10T02:01:15  
CCD Temperature : -86.47



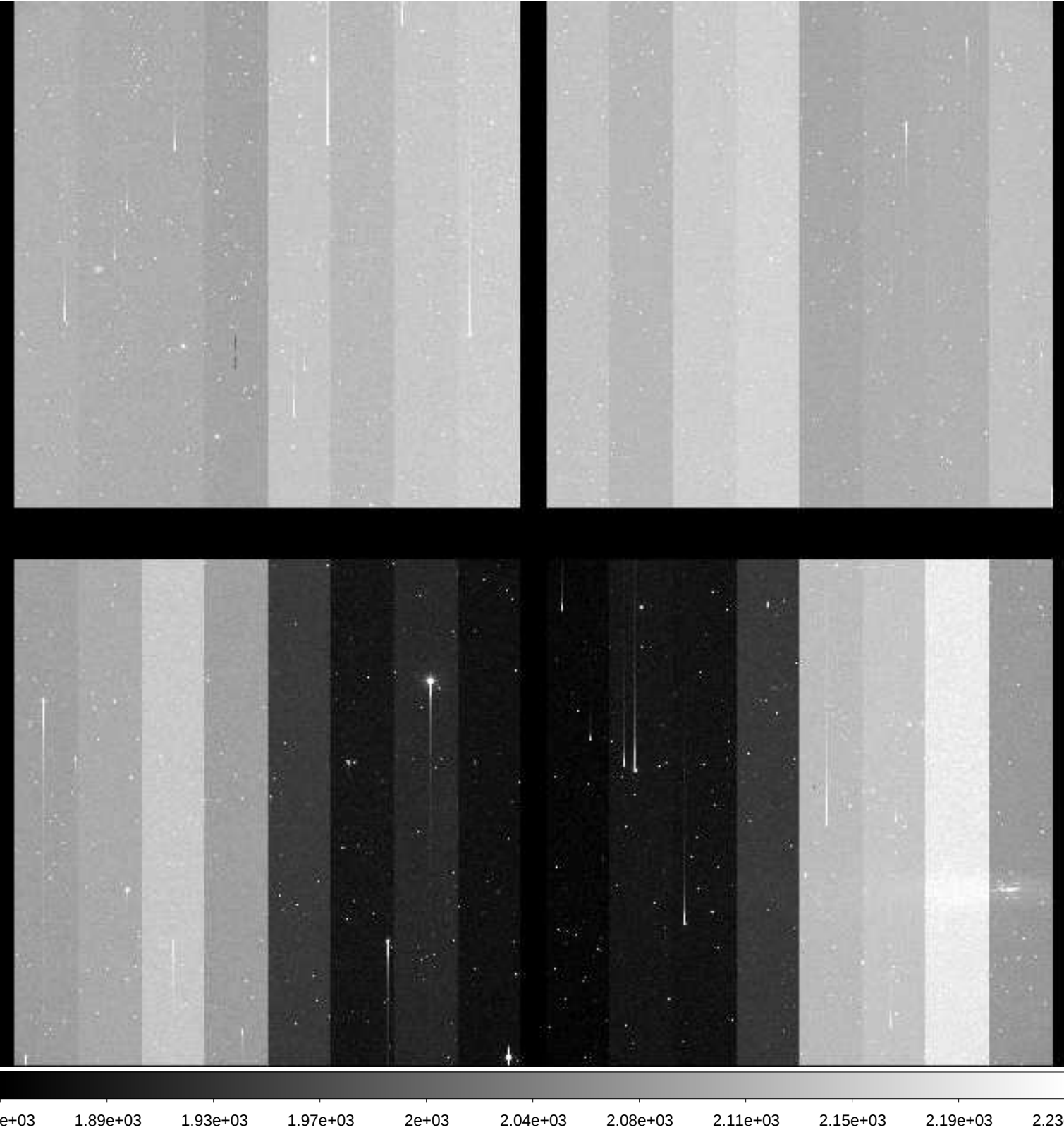
File Name : **xkmtc.20181110.004887.fits** # 39 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.490  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.13  
Sidereal Time : 00:37:40  
Filter ID : B  
Observation Date : 2018-11-10T02:04:29  
CCD Temperature : -86.49



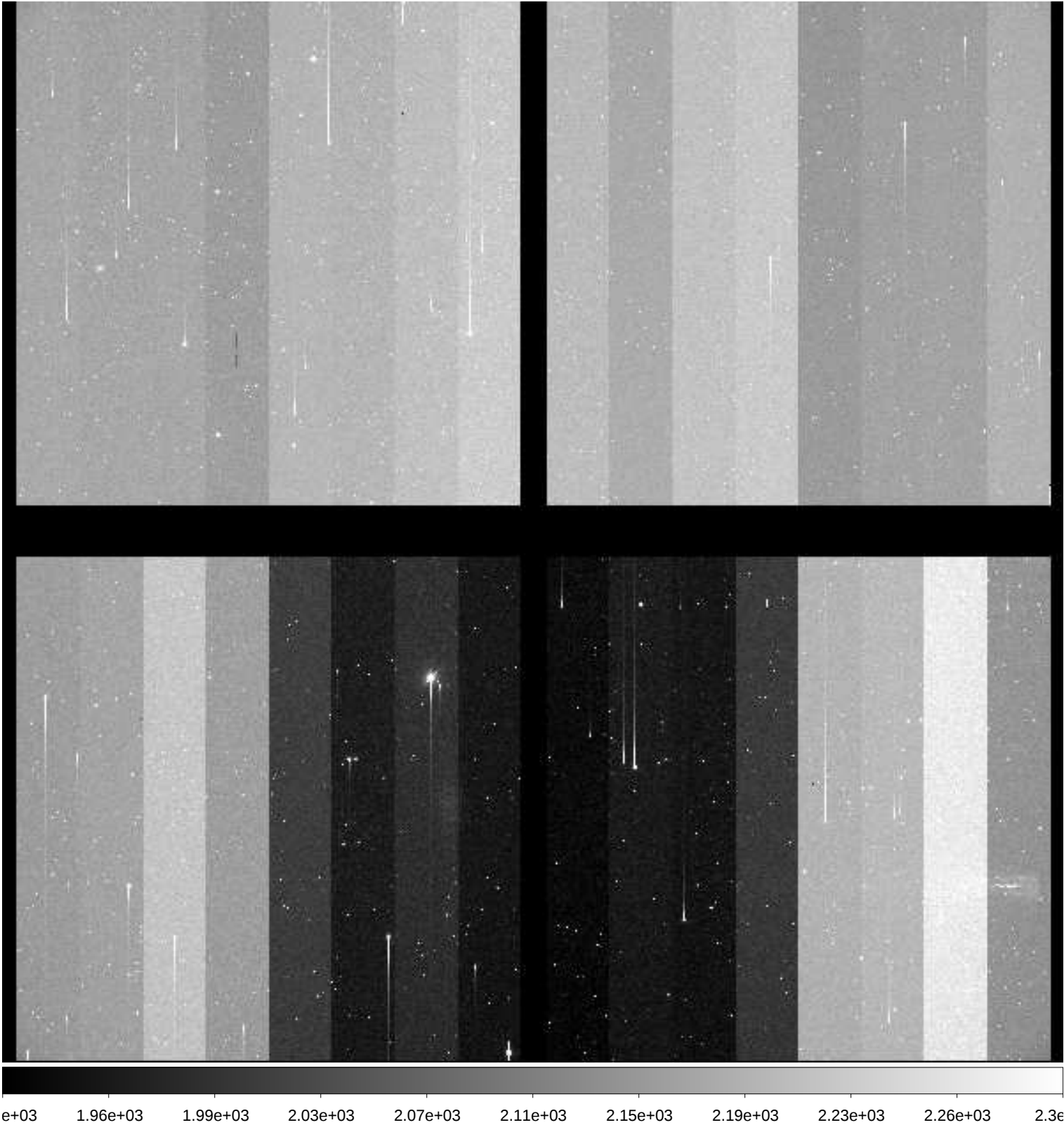
File Name : **xkmtc.20181110.004888.fits** # 40 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.480  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.13  
Sidereal Time : 00:40:57  
Filter ID : V  
Observation Date : 2018-11-10T02:07:32  
CCD Temperature : -86.56



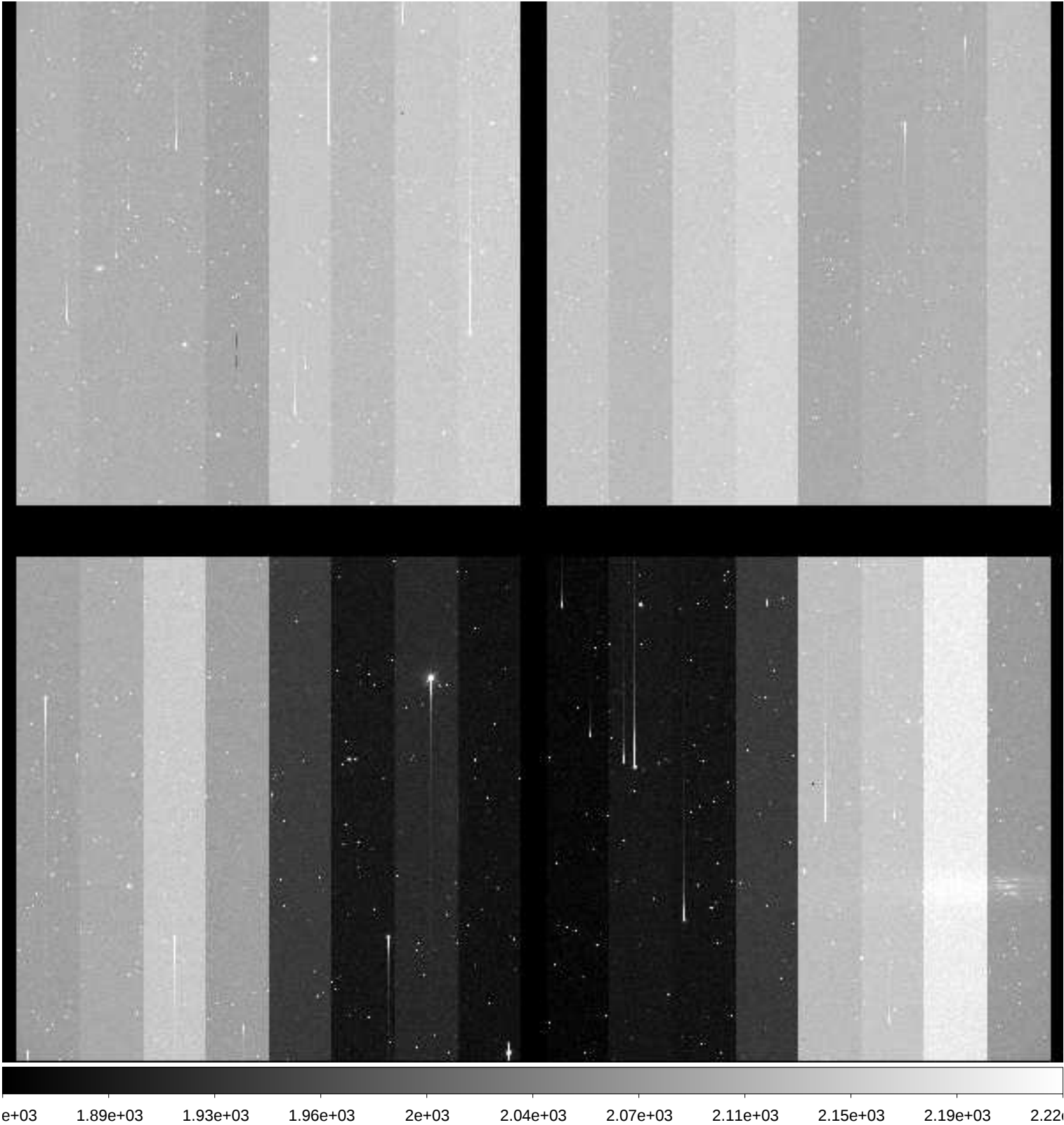
File Name : **xkmtc.20181110.004889.fits** # 41 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.470  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.13  
Sidereal Time : 00:44:02  
Filter ID : B  
Observation Date : 2018-11-10T02:10:36  
CCD Temperature : -86.63



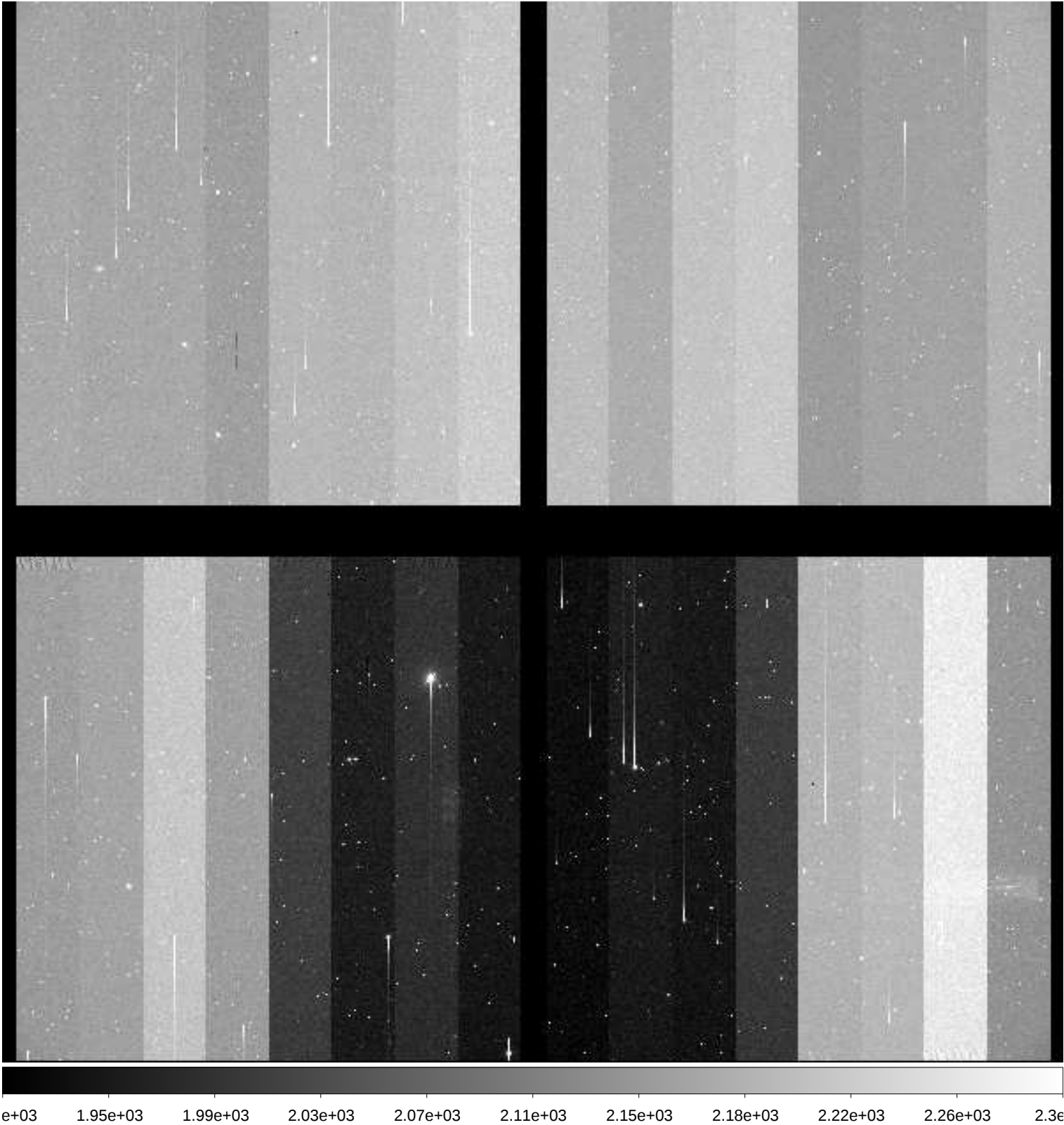
File Name : **xkmtc.20181110.004890.fits** # 42 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.470  
DEC : -50:39:36.10  
Exposure Time : 120  
Airmass : 1.14  
Sidereal Time : 00:47:06  
Filter ID : V  
Observation Date : 2018-11-10T02:13:40  
CCD Temperature : -86.69



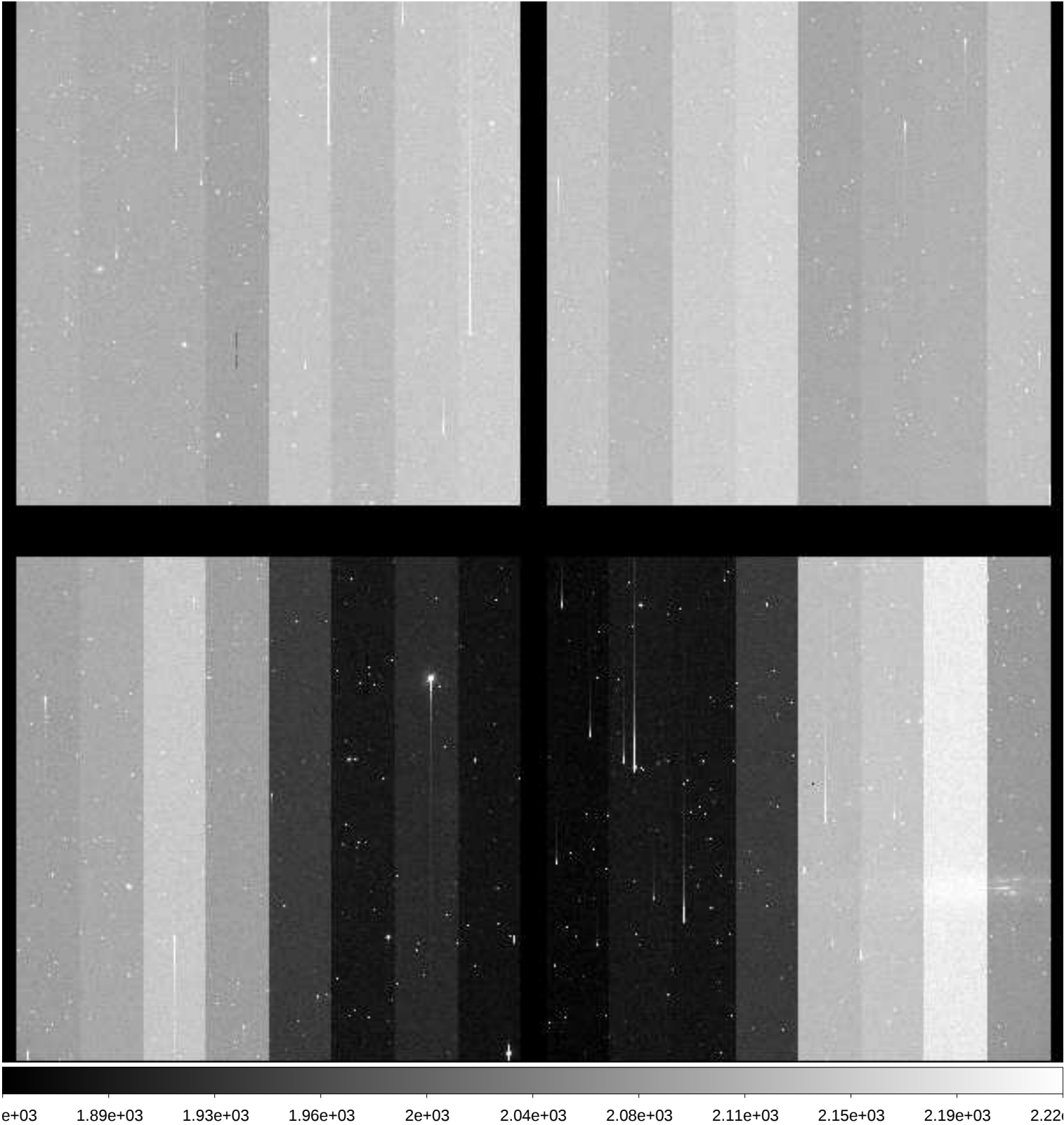
File Name : **xkmtc.20181110.004891.fits** # 43 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.480  
DEC : -50:39:36.00  
Exposure Time : 120  
Airmass : 1.14  
Sidereal Time : 00:50:05  
Filter ID : B  
Observation Date : 2018-11-10T02:16:40  
CCD Temperature : -86.72



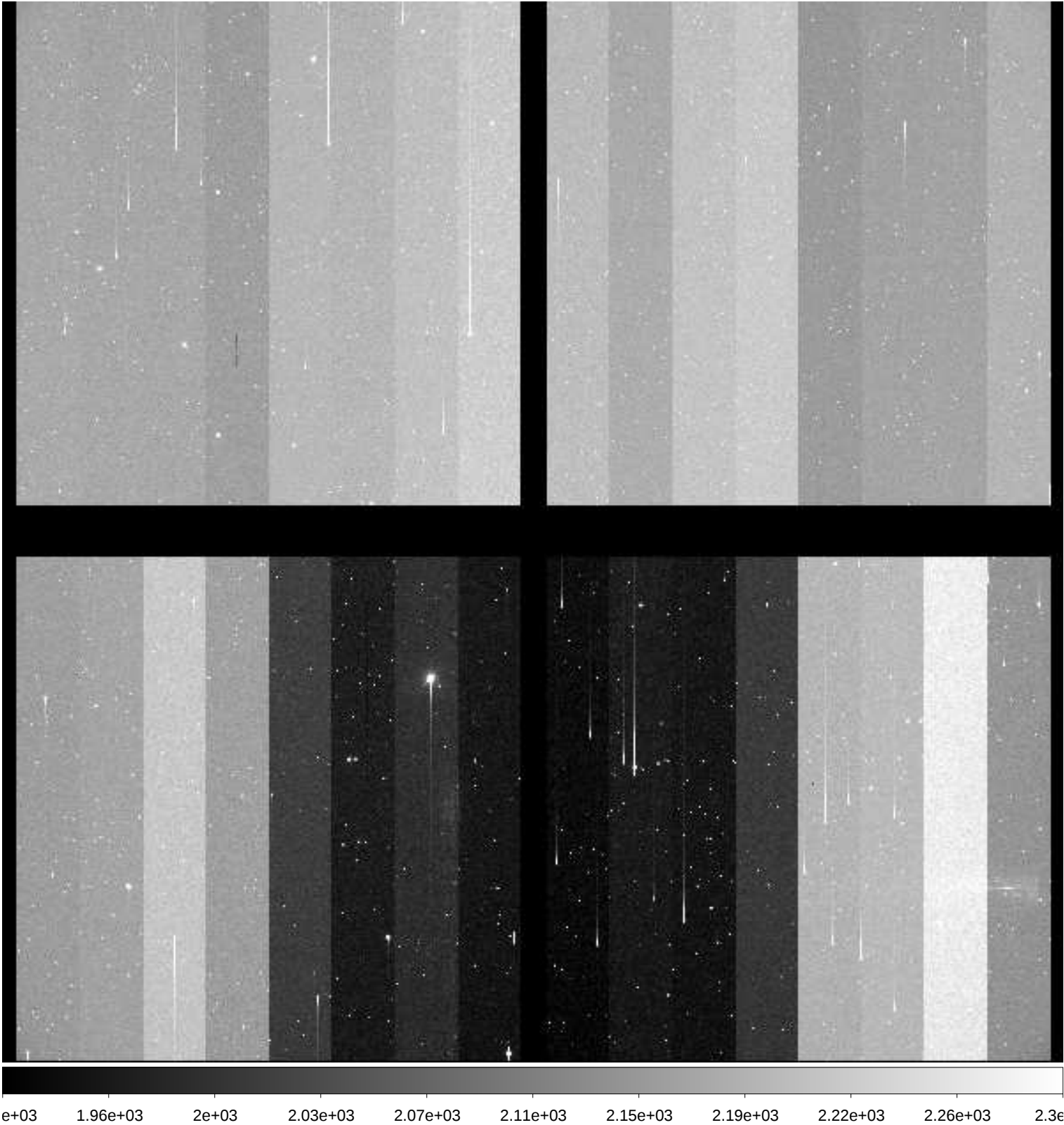
File Name : **xkmtc.20181110.004892.fits** # 44 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.480  
DEC : -50:39:36.00  
Exposure Time : 120  
Airmass : 1.15  
Sidereal Time : 00:53:03  
Filter ID : V  
Observation Date : 2018-11-10T02:19:49  
CCD Temperature : -86.8



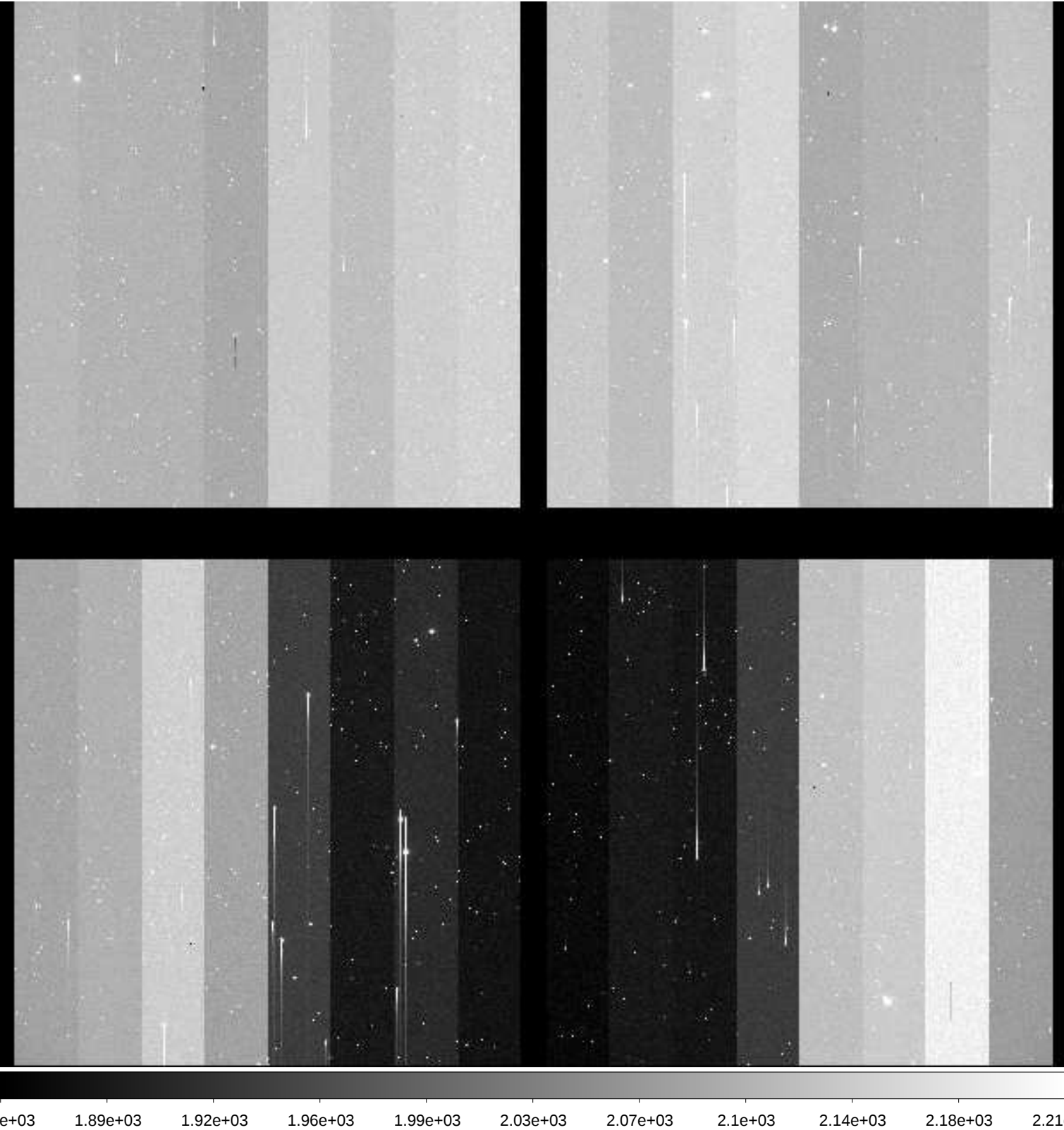
File Name : **xkmtc.20181110.004893.fits** # 45 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.470  
DEC : -50:39:36.00  
Exposure Time : 120  
Airmass : 1.15  
Sidereal Time : 00:56:17  
Filter ID : B  
Observation Date : 2018-11-10T02:23:03  
CCD Temperature : -86.87



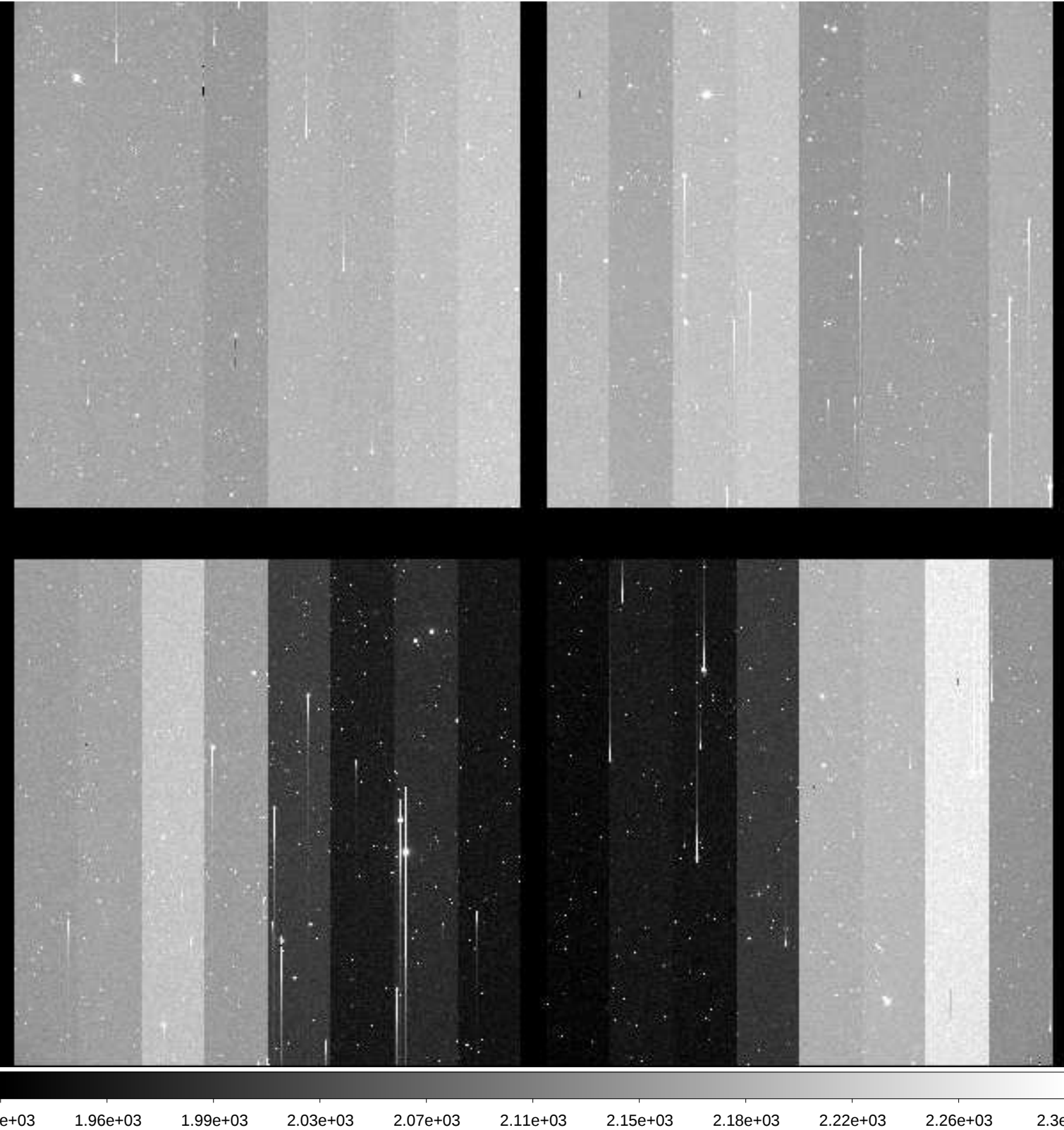
File Name : **xkmtc.20181110.004894.fits** # 46 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.460  
DEC : -50:39:35.90  
Exposure Time : 120  
Airmass : 1.16  
Sidereal Time : 00:59:27  
Filter ID : V  
Observation Date : 2018-11-10T02:25:59  
CCD Temperature : -86.94



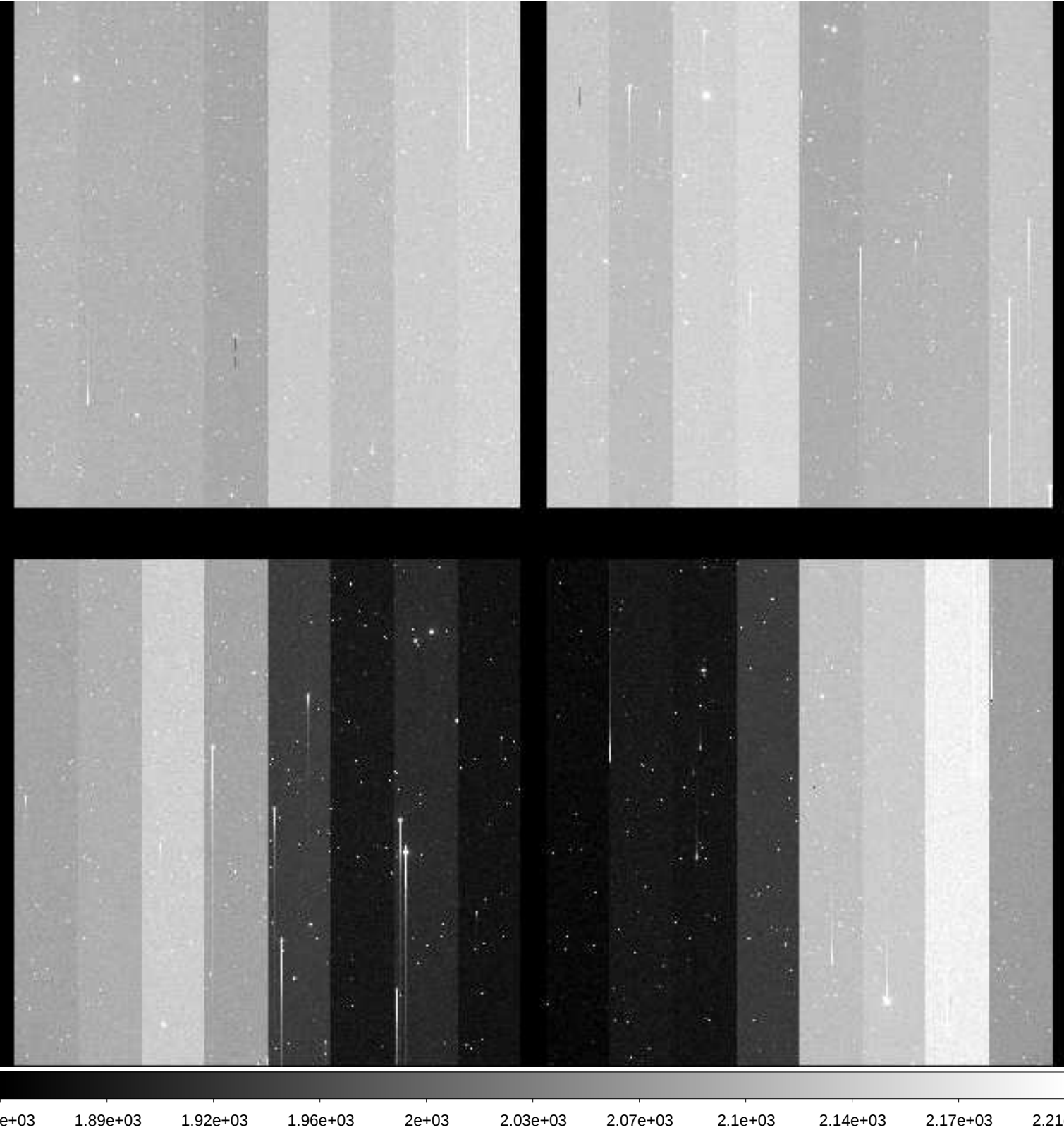
File Name : **xkmtc.20181110.004895.fits** # 47 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.640  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.24  
Sidereal Time : 01:02:33  
Filter ID : B  
Observation Date : 2018-11-10T02:29:05  
CCD Temperature : -87.05



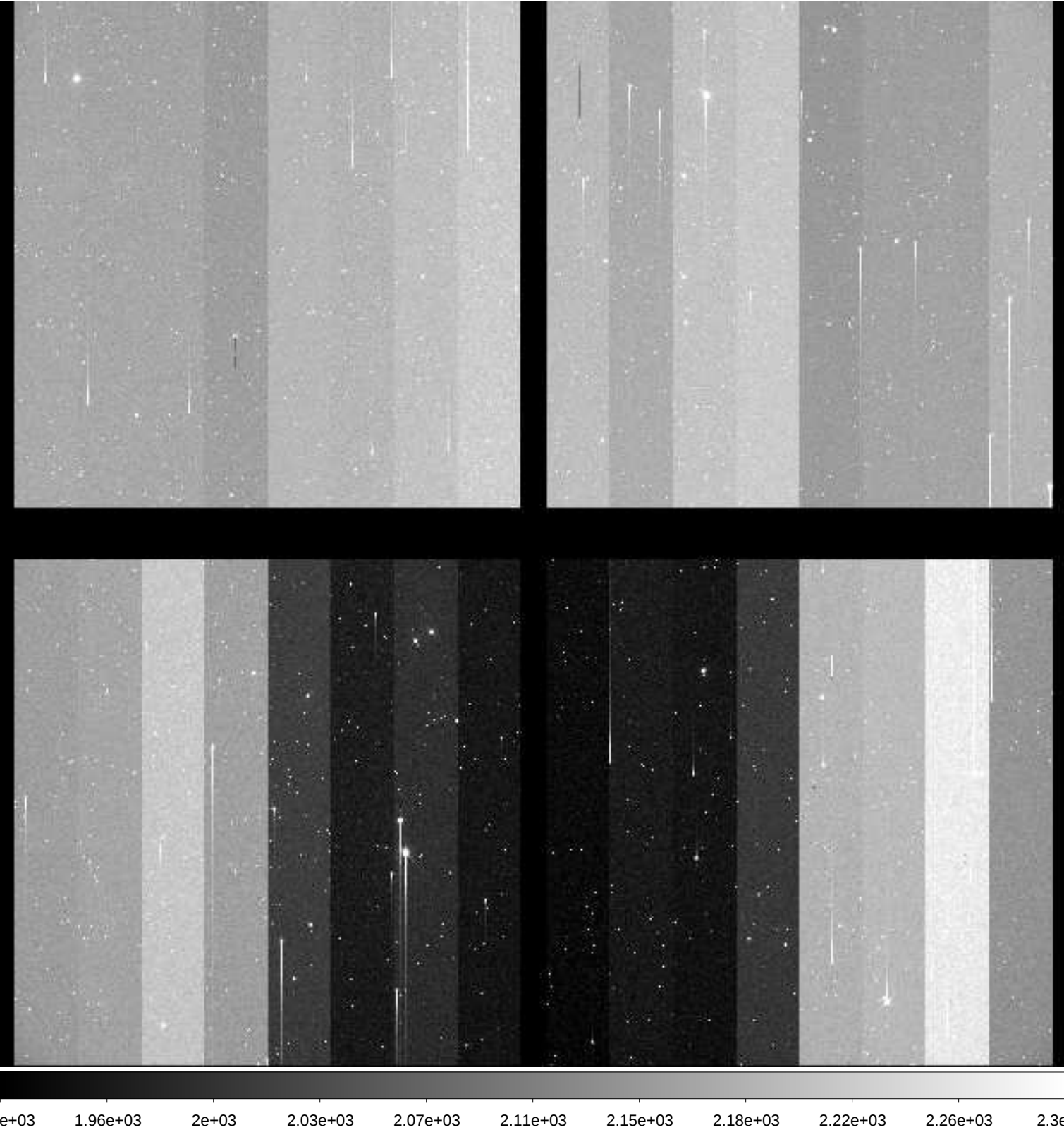
File Name : **xkmtc.20181110.004896.fits** # 48 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.640  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.24  
Sidereal Time : 01:05:30  
Filter ID : V  
Observation Date : 2018-11-10T02:32:01  
CCD Temperature : -87.06



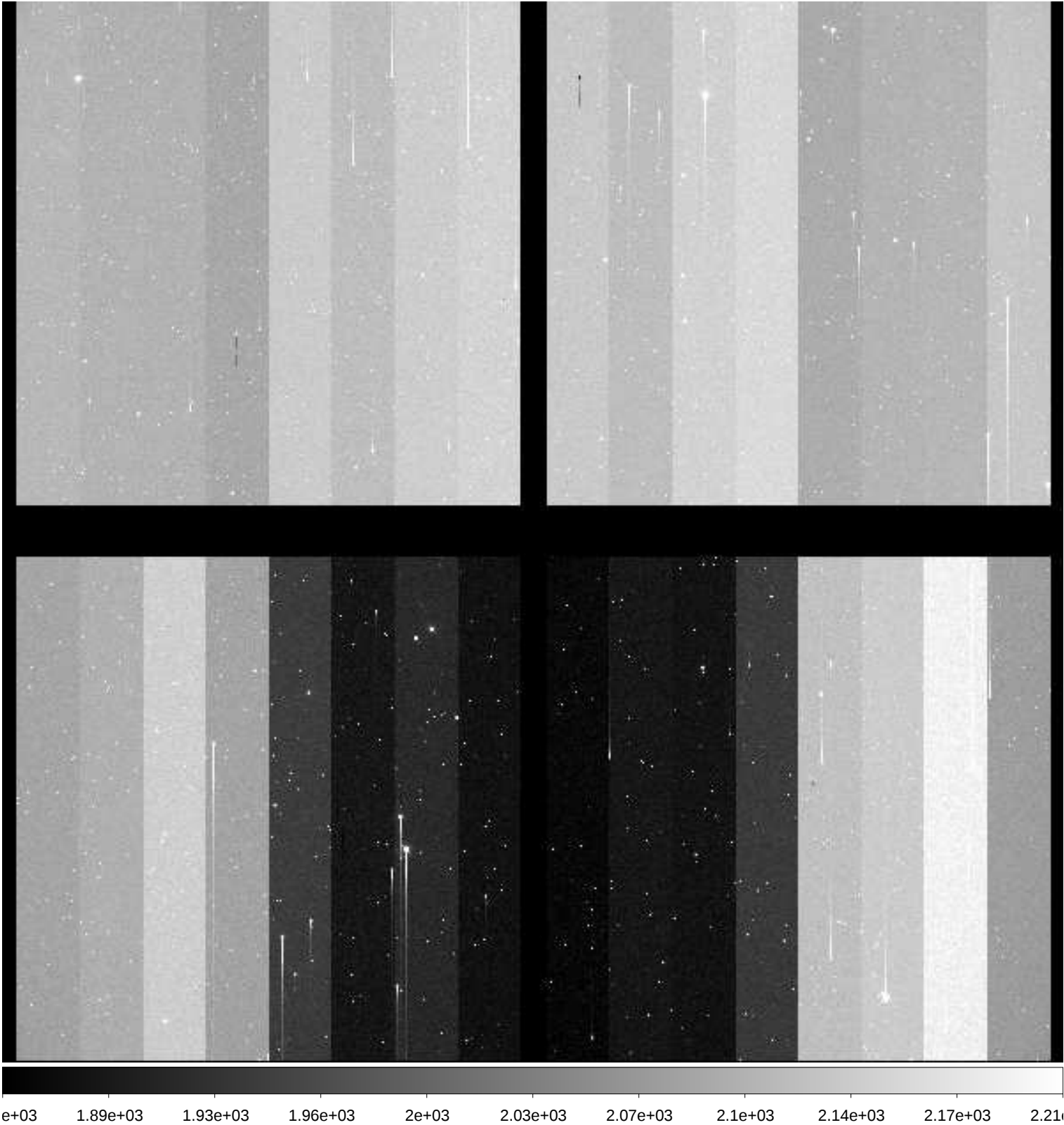
File Name : **xkmtc.20181110.004897.fits** # 49 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.650  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.24  
Sidereal Time : 01:10:28  
Filter ID : B  
Observation Date : 2018-11-10T02:36:58  
CCD Temperature : -86.95



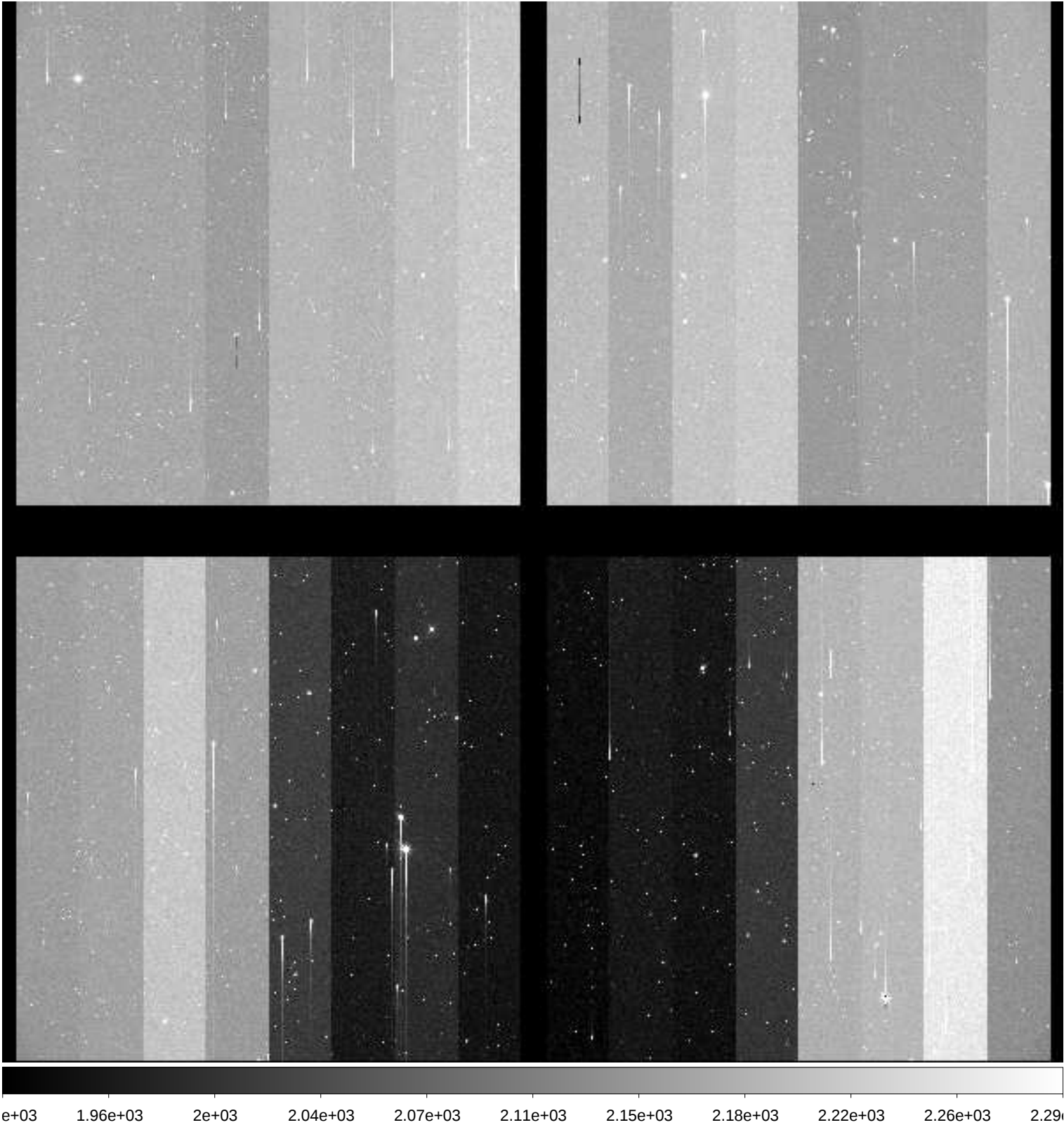
File Name : **xkmtc.20181110.004898.fits** # 50 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.640  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.25  
Sidereal Time : 01:13:24  
Filter ID : V  
Observation Date : 2018-11-10T02:39:54  
CCD Temperature : -87.09



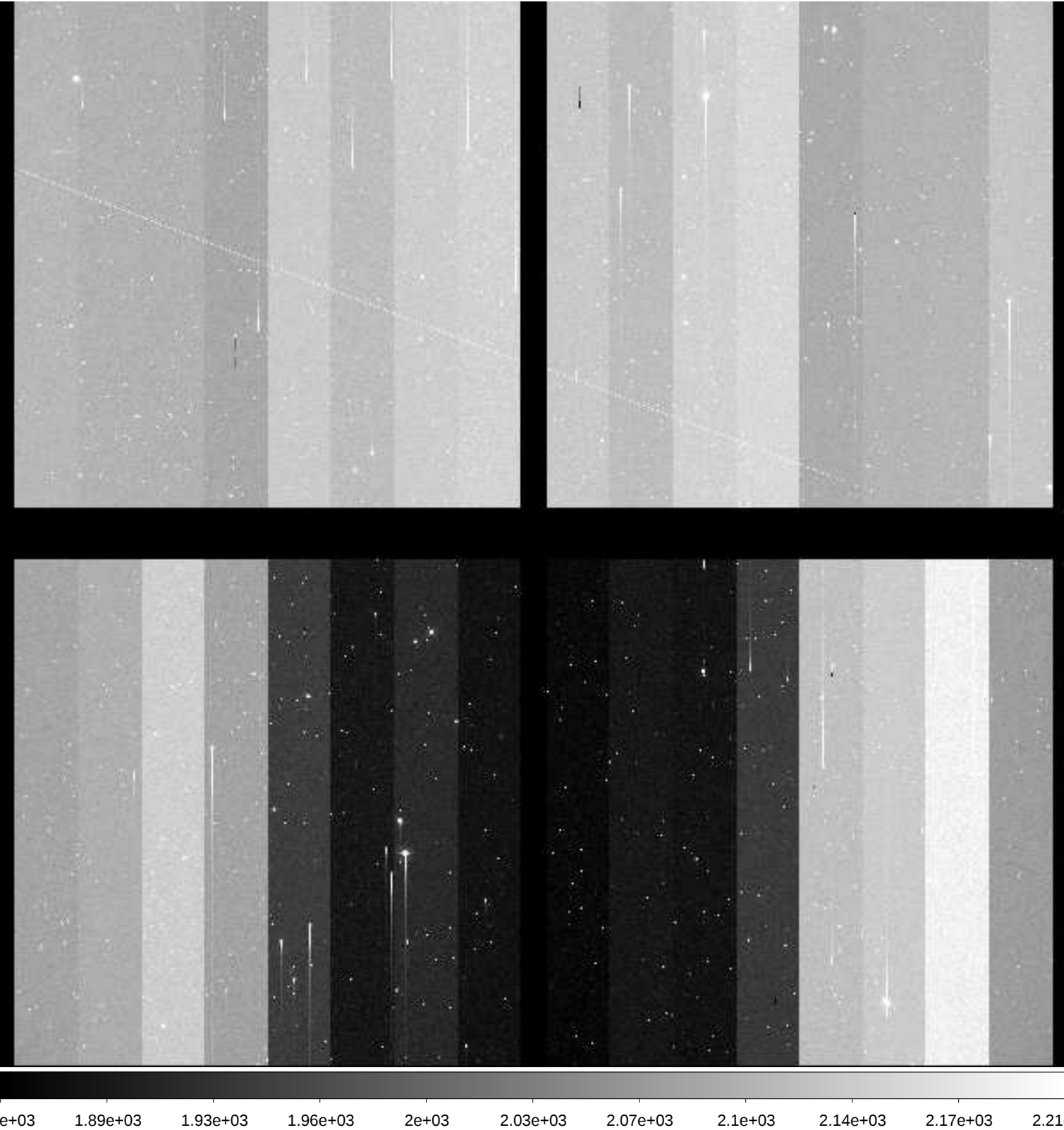
File Name : **xkmtc.20181110.004899.fits** # 51 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.620  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.25  
Sidereal Time : 01:16:24  
Filter ID : B  
Observation Date : 2018-11-10T02:42:55  
CCD Temperature : -87.14



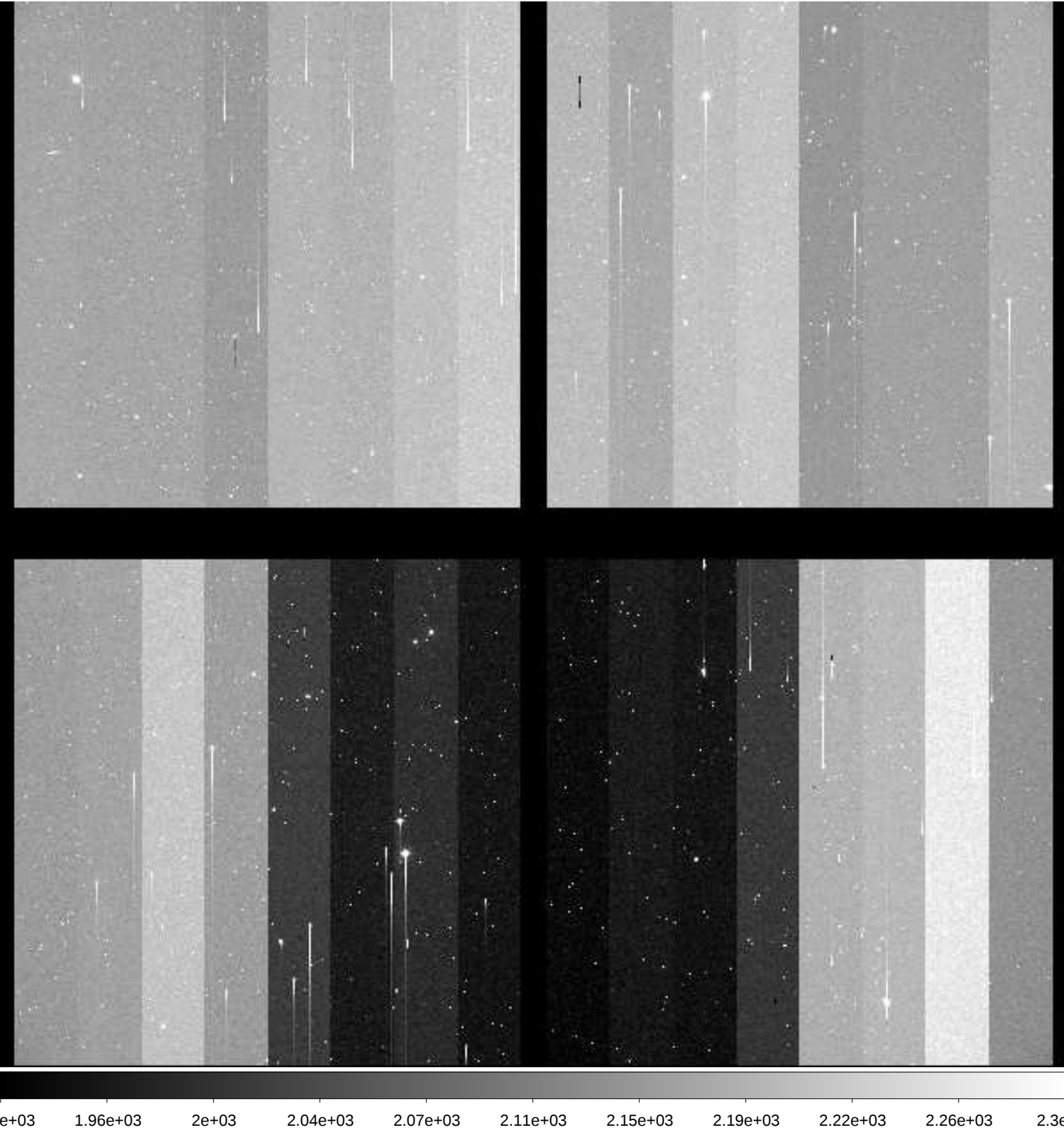
File Name : **xkmtc.20181110.004900.fits** # 52 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.650  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.25  
Sidereal Time : 01:19:21  
Filter ID : V  
Observation Date : 2018-11-10T02:46:04  
CCD Temperature : -87.28



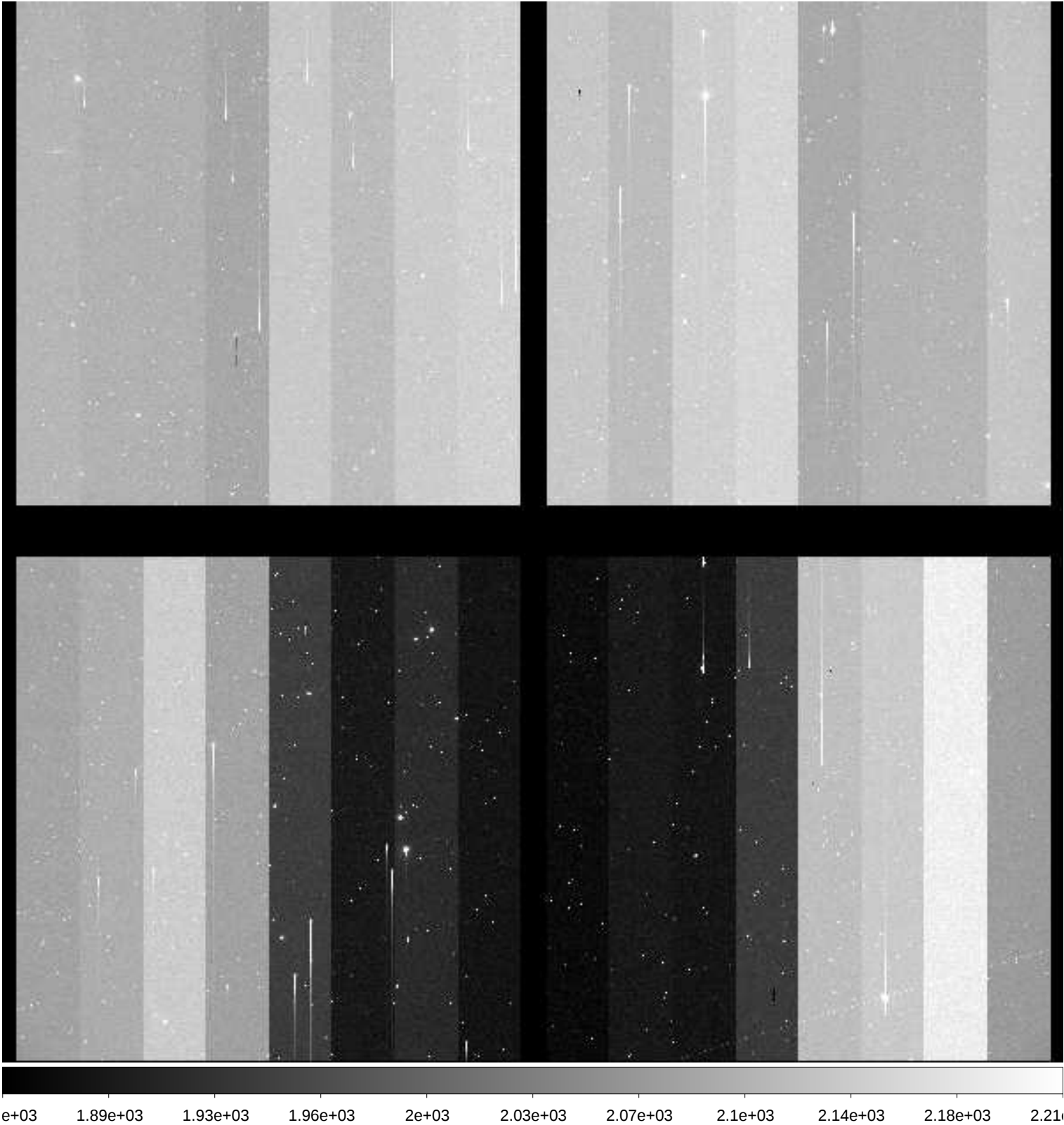
File Name : **xkmtc.20181110.004901.fits** # 53 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.660  
DEC : -63:46:12.00  
Exposure Time : 120  
Airmass : 1.26  
Sidereal Time : 01:22:42  
Filter ID : B  
Observation Date : 2018-11-10T02:49:11  
CCD Temperature : -87.36



File Name : **xkmtc.20181110.004902.fits** # 54 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.640  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.26  
Sidereal Time : 01:26:20  
Filter ID : V  
Observation Date : 2018-11-10T02:52:48  
CCD Temperature : -87.42



File Name : **xkmtc.20181110.004903.fits** # 55 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.650  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.26  
Sidereal Time : 01:29:42  
Filter ID : B  
Observation Date : 2018-11-10T02:56:09  
CCD Temperature : -87.46



File Name : **xkmtc.20181110.004904.fits** # 56 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **tuc5**

RA : 23:41:50.620

DEC : -63:46:12.30

Exposure Time : 120

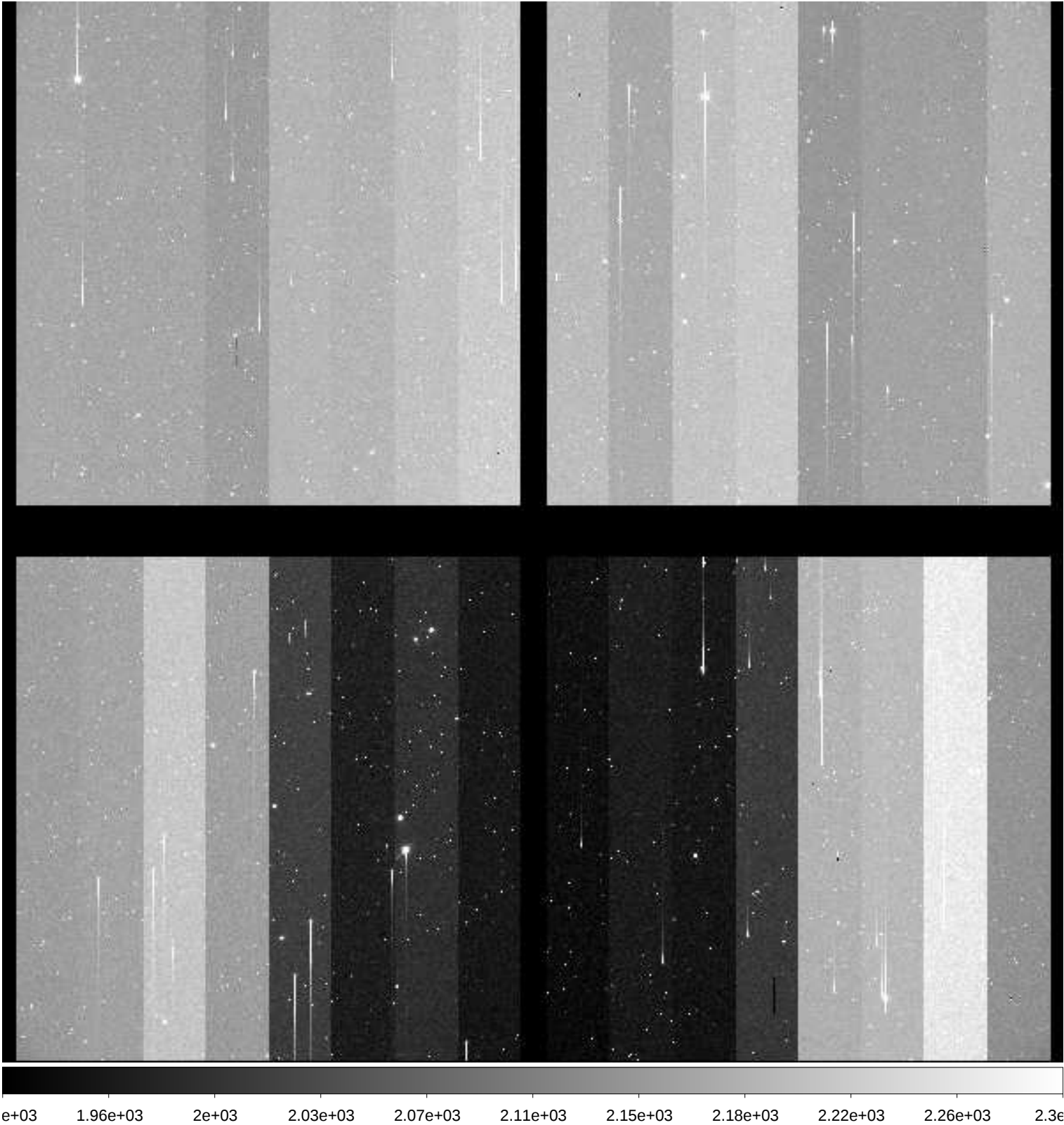
Airmass : 1.27

Sidereal Time : 01:32:45

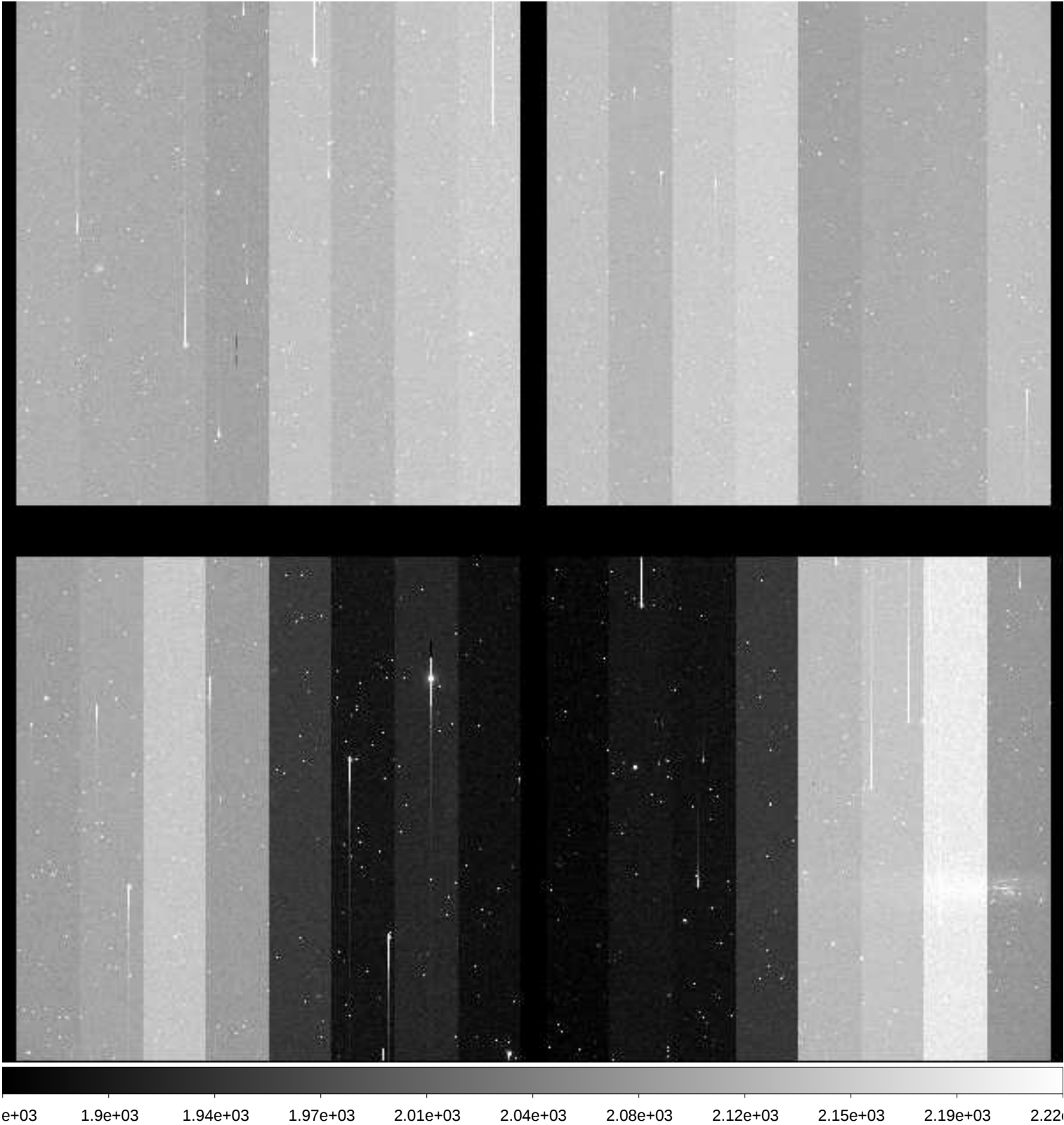
Filter ID : V

Observation Date : 2018-11-10T02:59:13

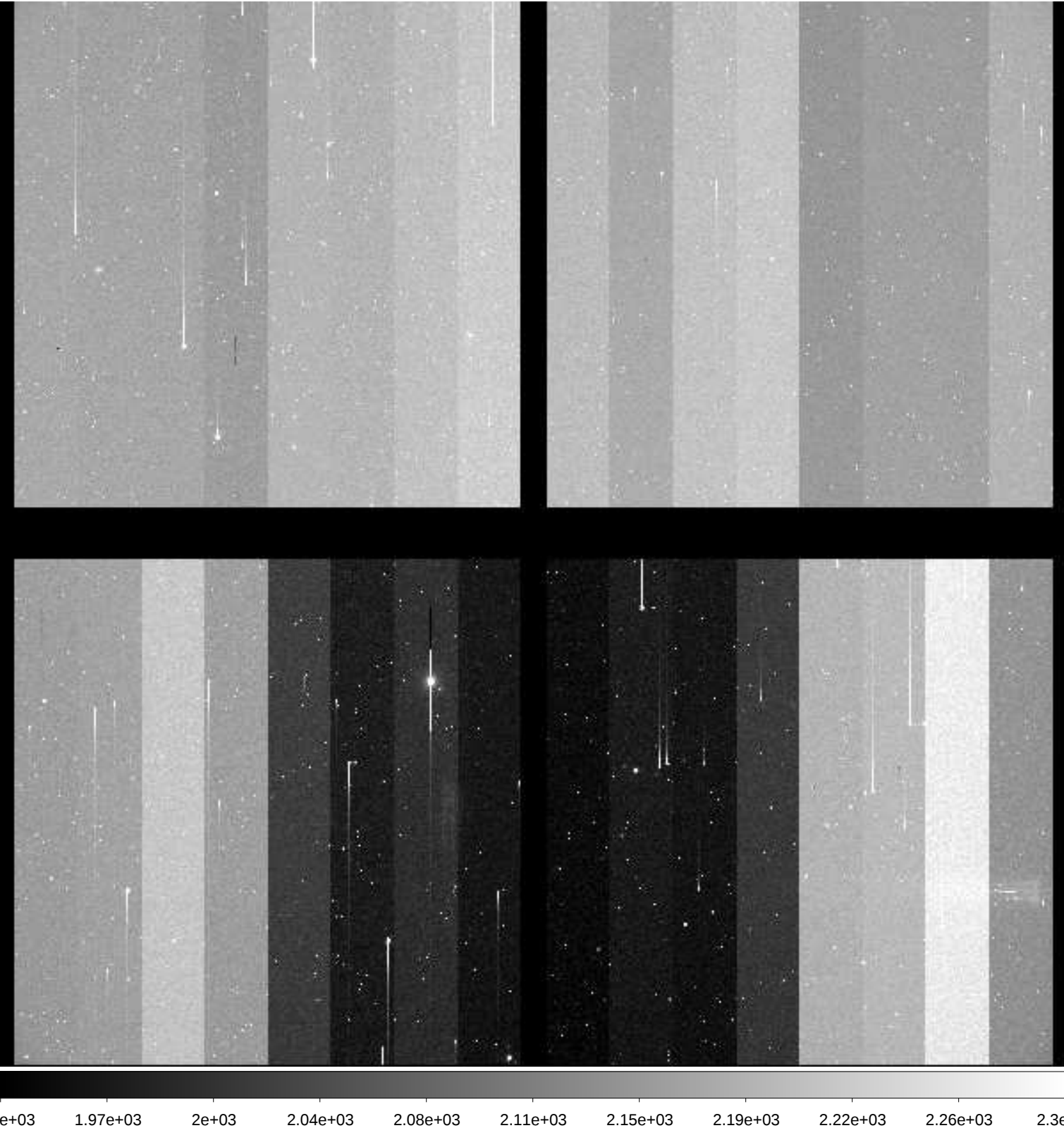
CCD Temperature : -87.53



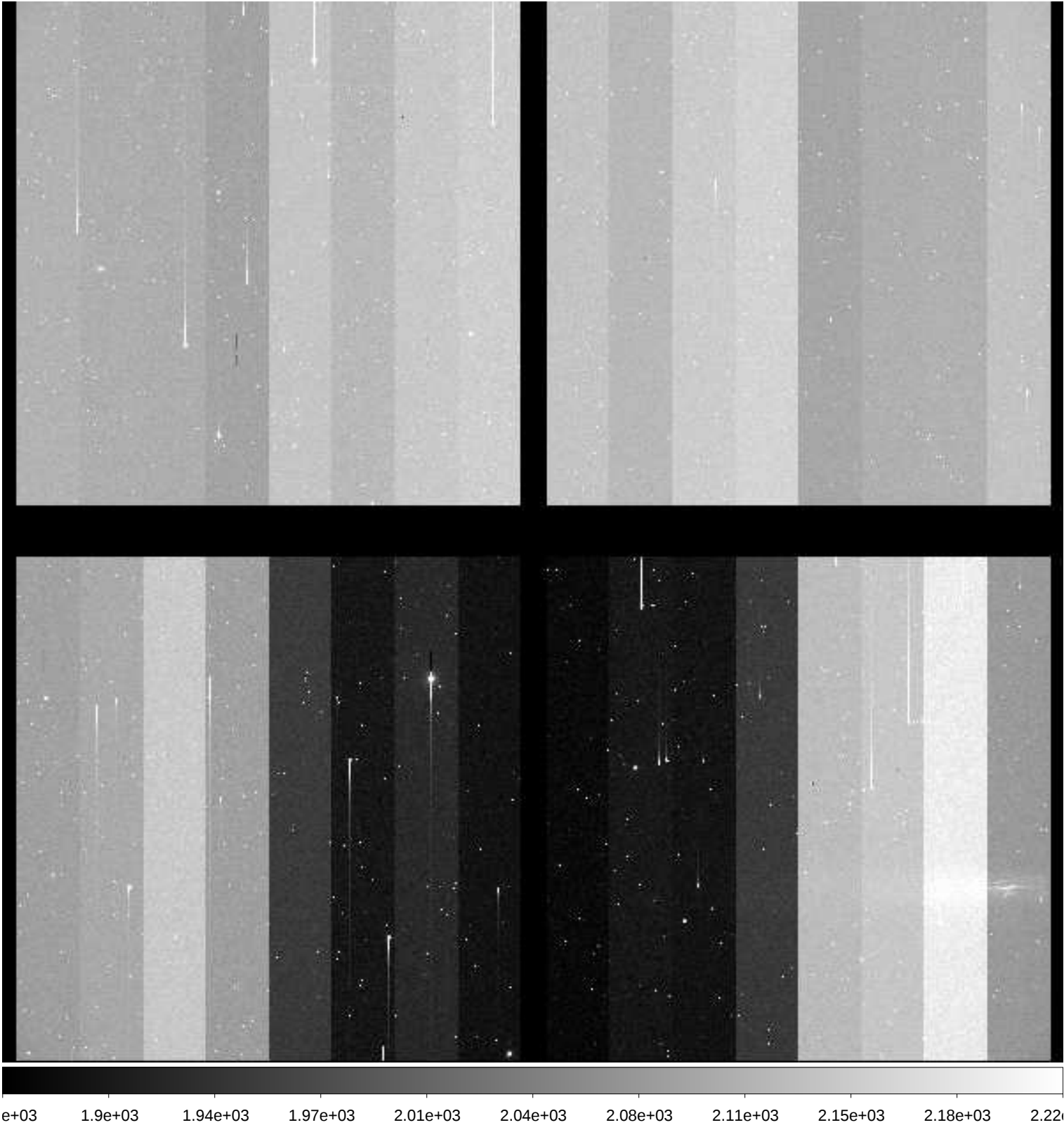
File Name : **xkmtc.20181110.004905.fits** # 57 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.480  
DEC : -50:39:36.00  
Exposure Time : 120  
Airmass : 1.23  
Sidereal Time : 01:35:44  
Filter ID : B  
Observation Date : 2018-11-10T03:02:11  
CCD Temperature : -87.59



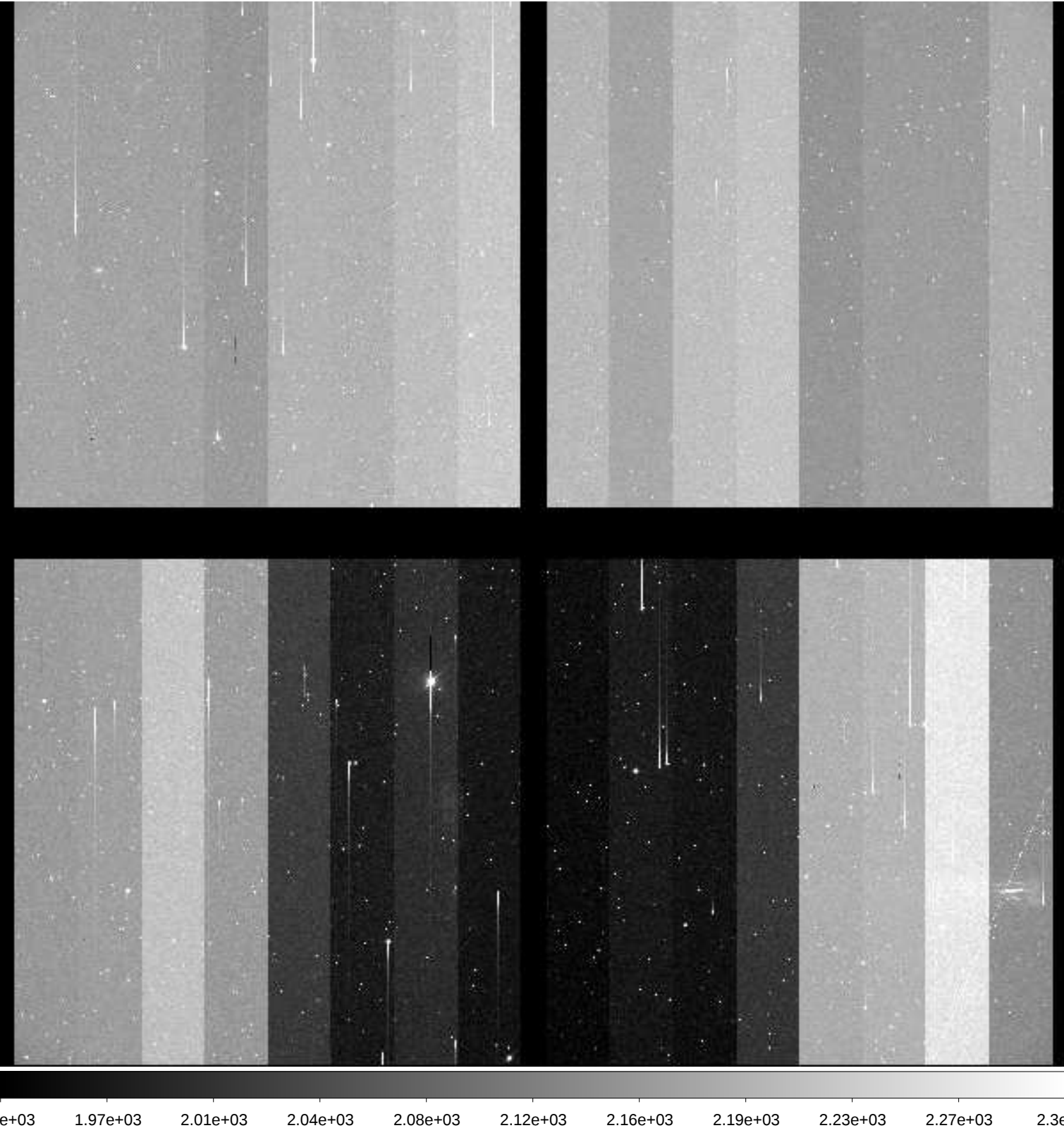
File Name : **xkmtc.20181110.004906.fits** # 58 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.470  
DEC : -50:39:36.00  
Exposure Time : 120  
Airmass : 1.23  
Sidereal Time : 01:38:47  
Filter ID : V  
Observation Date : 2018-11-10T03:05:12  
CCD Temperature : -87.6



File Name : **xkmtc.20181110.004907.fits** # 59 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.450  
DEC : -50:39:35.90  
Exposure Time : 120  
Airmass : 1.24  
Sidereal Time : 01:41:50  
Filter ID : B  
Observation Date : 2018-11-10T03:08:28  
CCD Temperature : -87.62



File Name : **xkmtc.20181110.004908.fits** # 60 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.470  
DEC : -50:39:36.00  
Exposure Time : 120  
Airmass : 1.25  
Sidereal Time : 01:45:00  
Filter ID : V  
Observation Date : 2018-11-10T03:11:25  
CCD Temperature : -87.68



File Name : xkmtc.20181110.004909.fits # 61 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : grul

RA : 22:59:50.480

DEC : -50:39:36.00

Exposure Time : 120

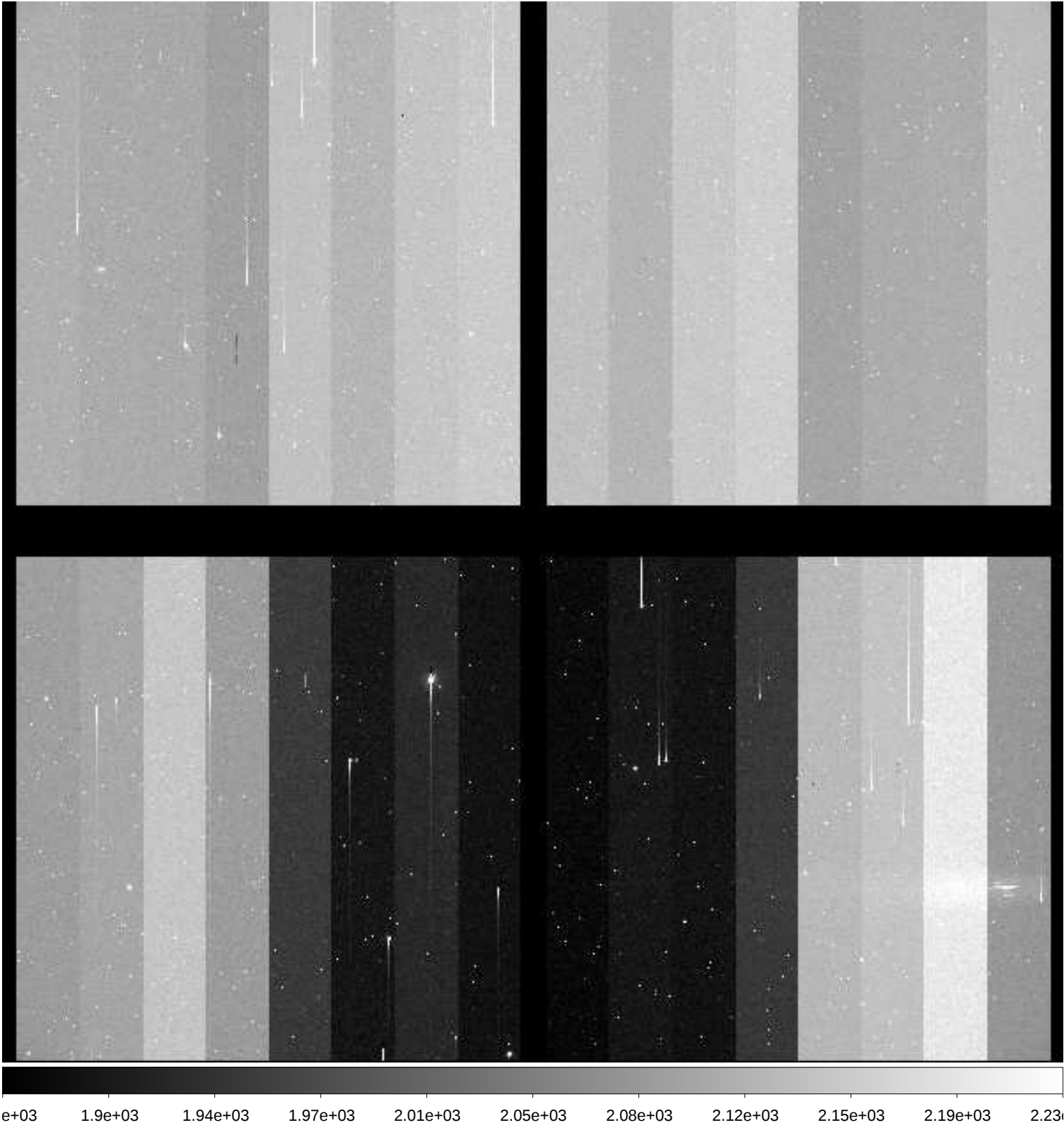
Airmass : 1.26

Sidereal Time : 01:47:56

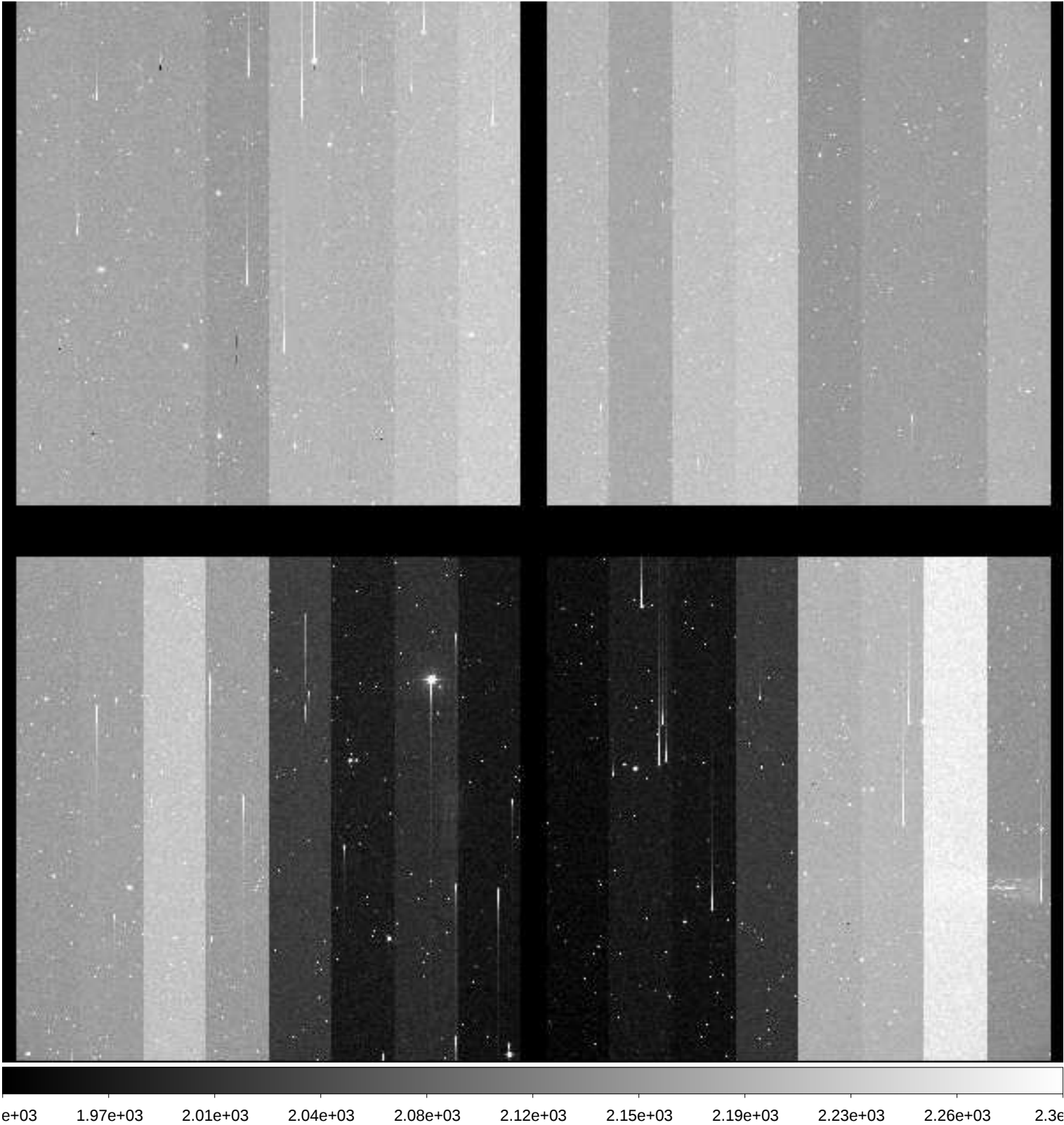
Filter ID : B

Observation Date : 2018-11-10T03:14:20

CCD Temperature : -87.74



File Name : **xkmtc.20181110.004910.fits** # 62 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.470  
DEC : -50:39:35.90  
Exposure Time : 120  
Airmass : 1.26  
Sidereal Time : 01:51:02  
Filter ID : V  
Observation Date : 2018-11-10T03:17:26  
CCD Temperature : -86.58



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: xkmtc.20181110.004911.fits

: ECSUNG

: OBJECT

: grul

: 22:59:50.470

: -50:39:35.90

: 120

: 1.27

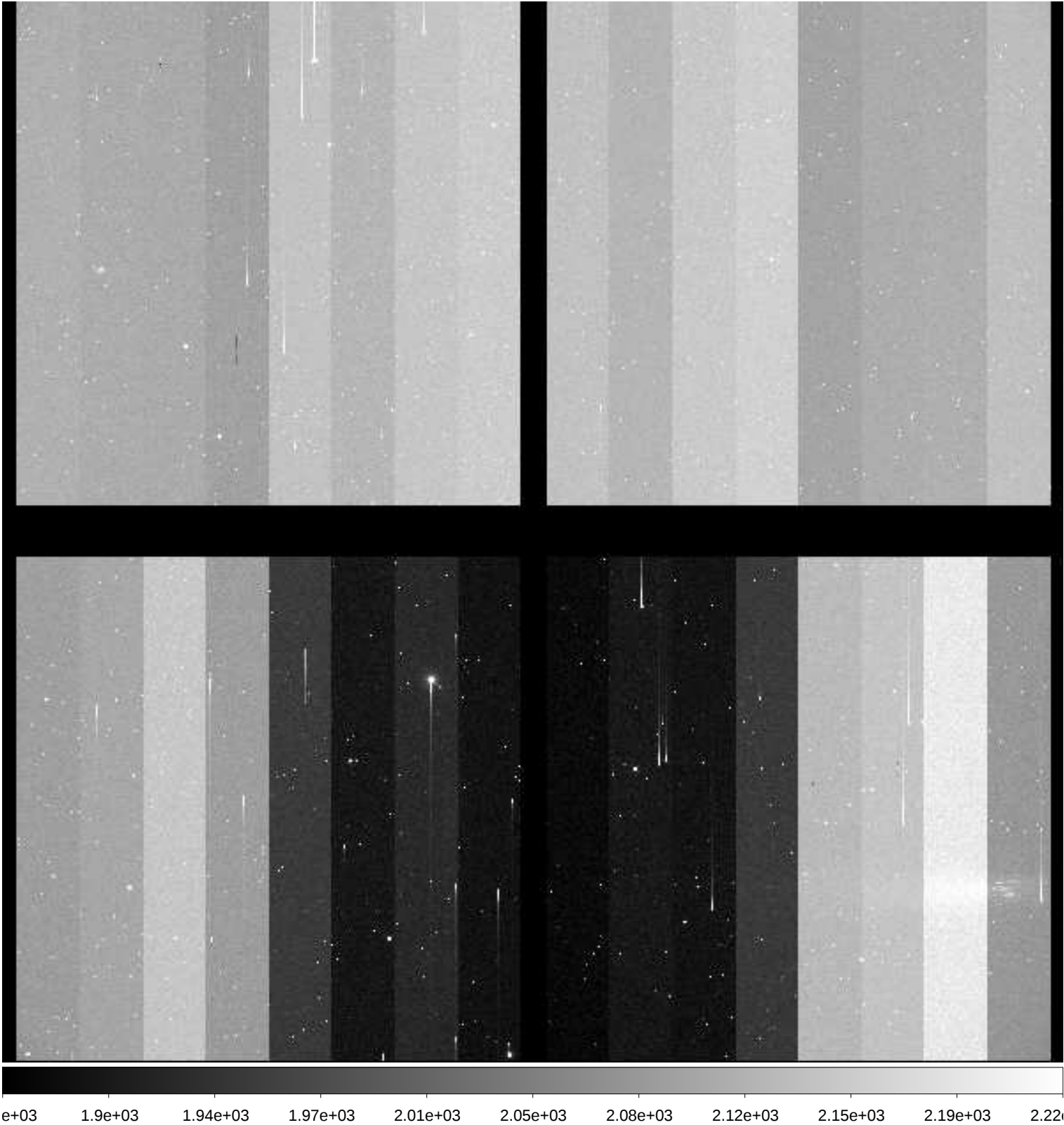
: 01:54:09

: B

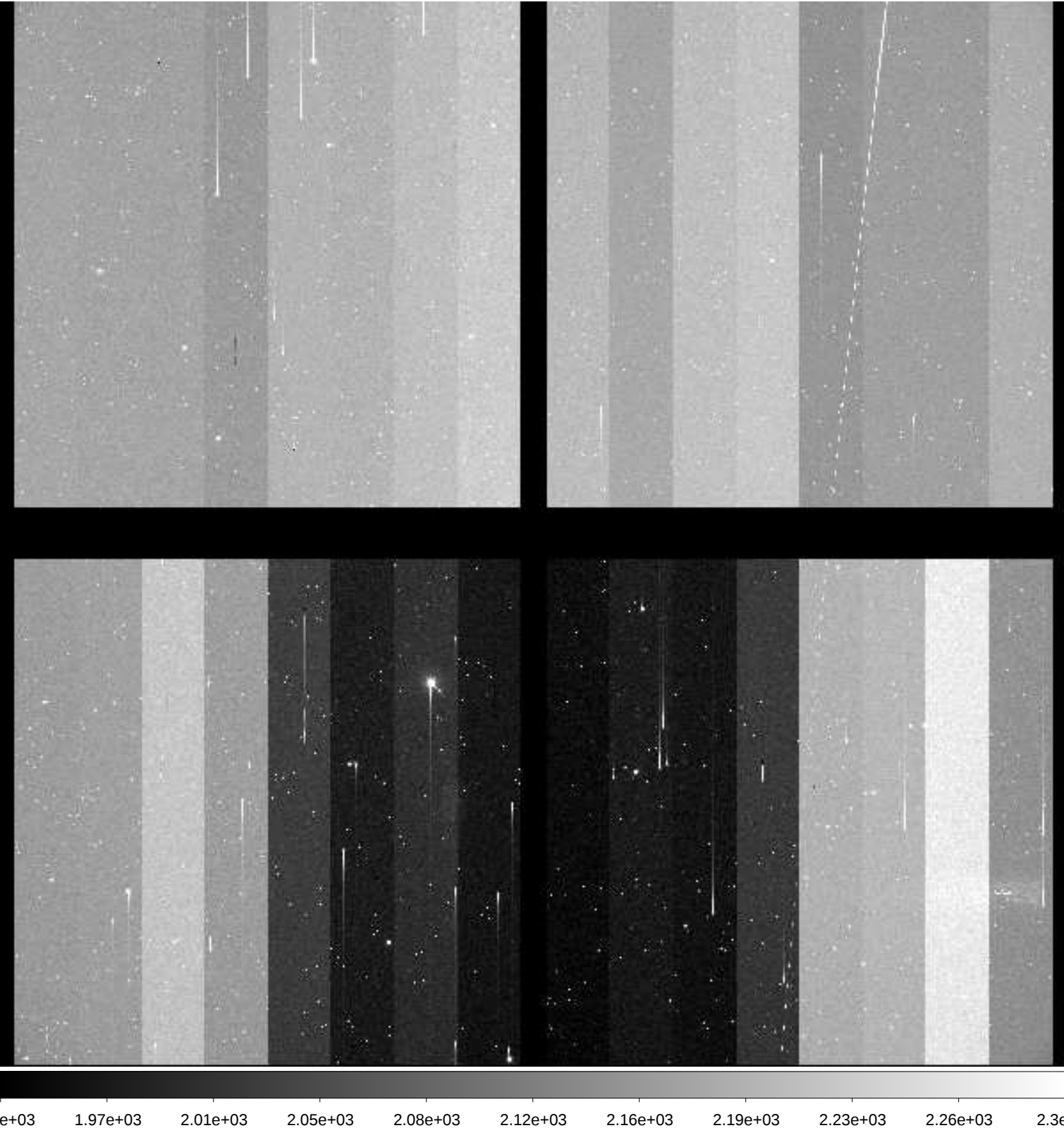
: 2018-11-10T03:20:32

: -87.7

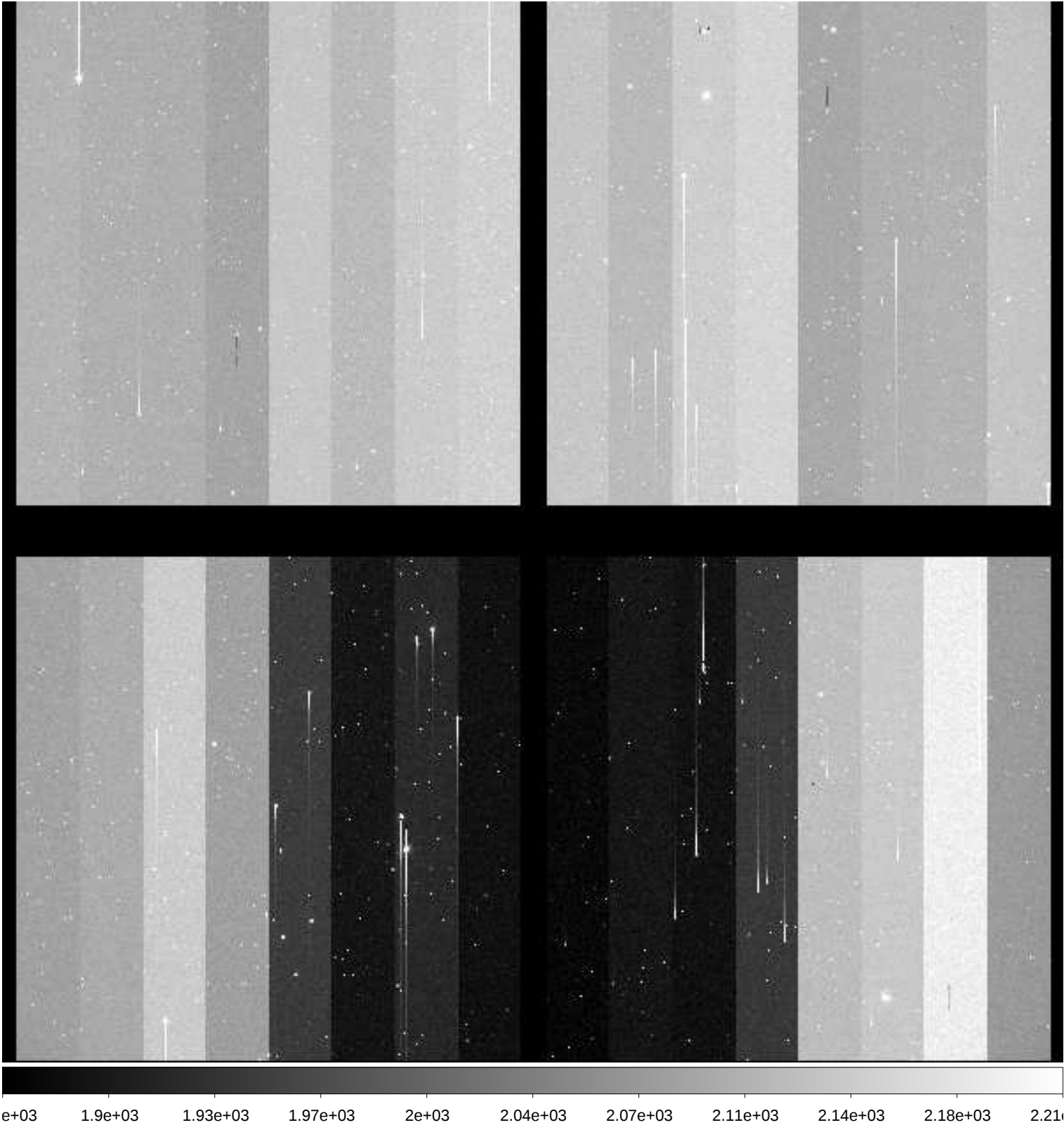
# 63 / 164 #



File Name : **xkmtc.20181110.004912.fits** # 64 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **gru1**  
RA : 22:59:50.470  
DEC : -50:39:36.00  
Exposure Time : 120  
Airmass : 1.28  
Sidereal Time : 01:57:07  
Filter ID : V  
Observation Date : 2018-11-10T03:23:30  
CCD Temperature : -87.76



File Name : **xkmtc.20181110.004913.fits** # 65 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.620  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.31  
Sidereal Time : 02:00:04  
Filter ID : B  
Observation Date : 2018-11-10T03:26:39  
CCD Temperature : -87.82



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: xkmtc.20181110.004914.fits

ECSUNG

OBJECT

tuc5

23:41:50.620

-63:46:12.20

120

1.31

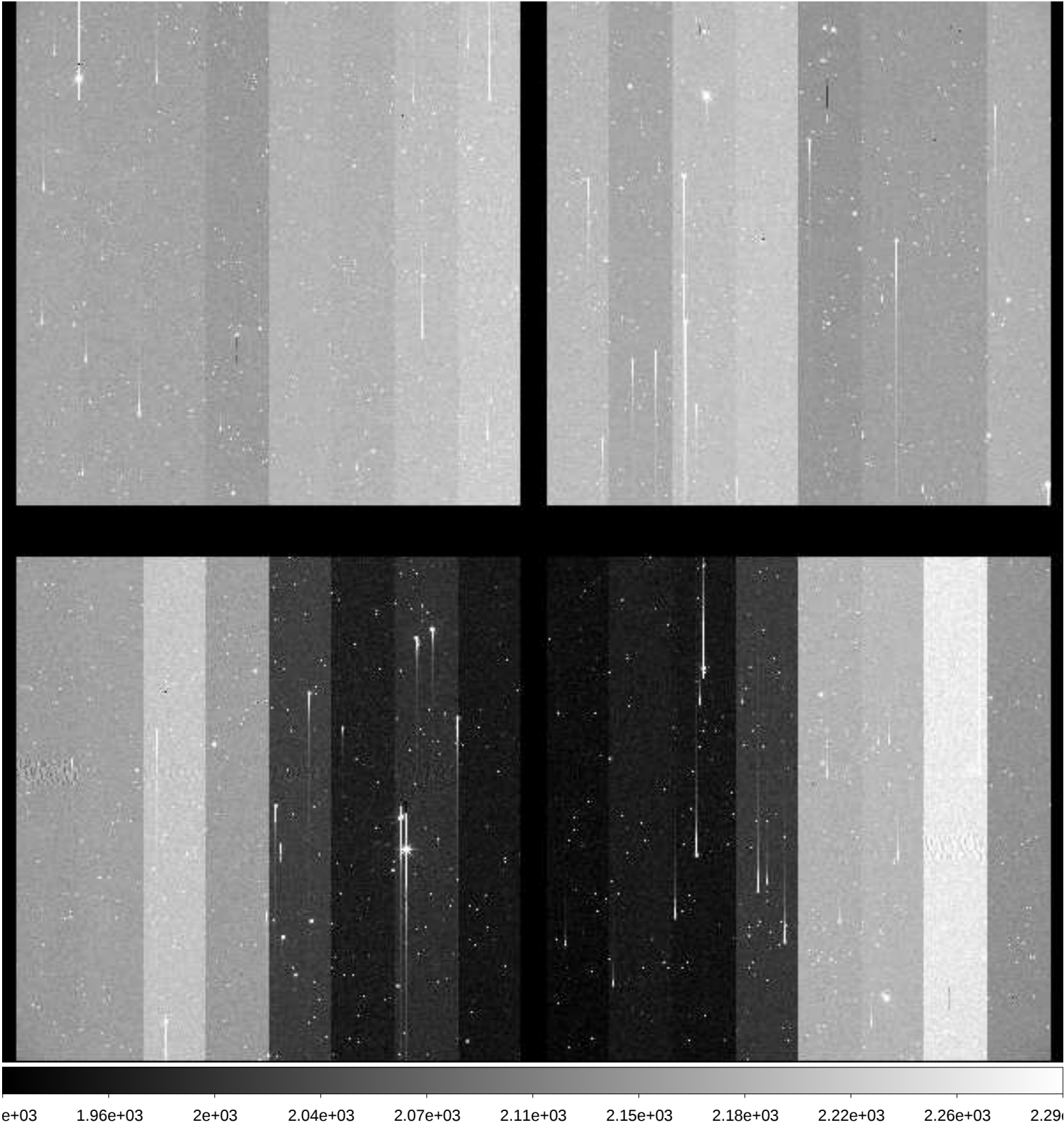
02:04:15

V

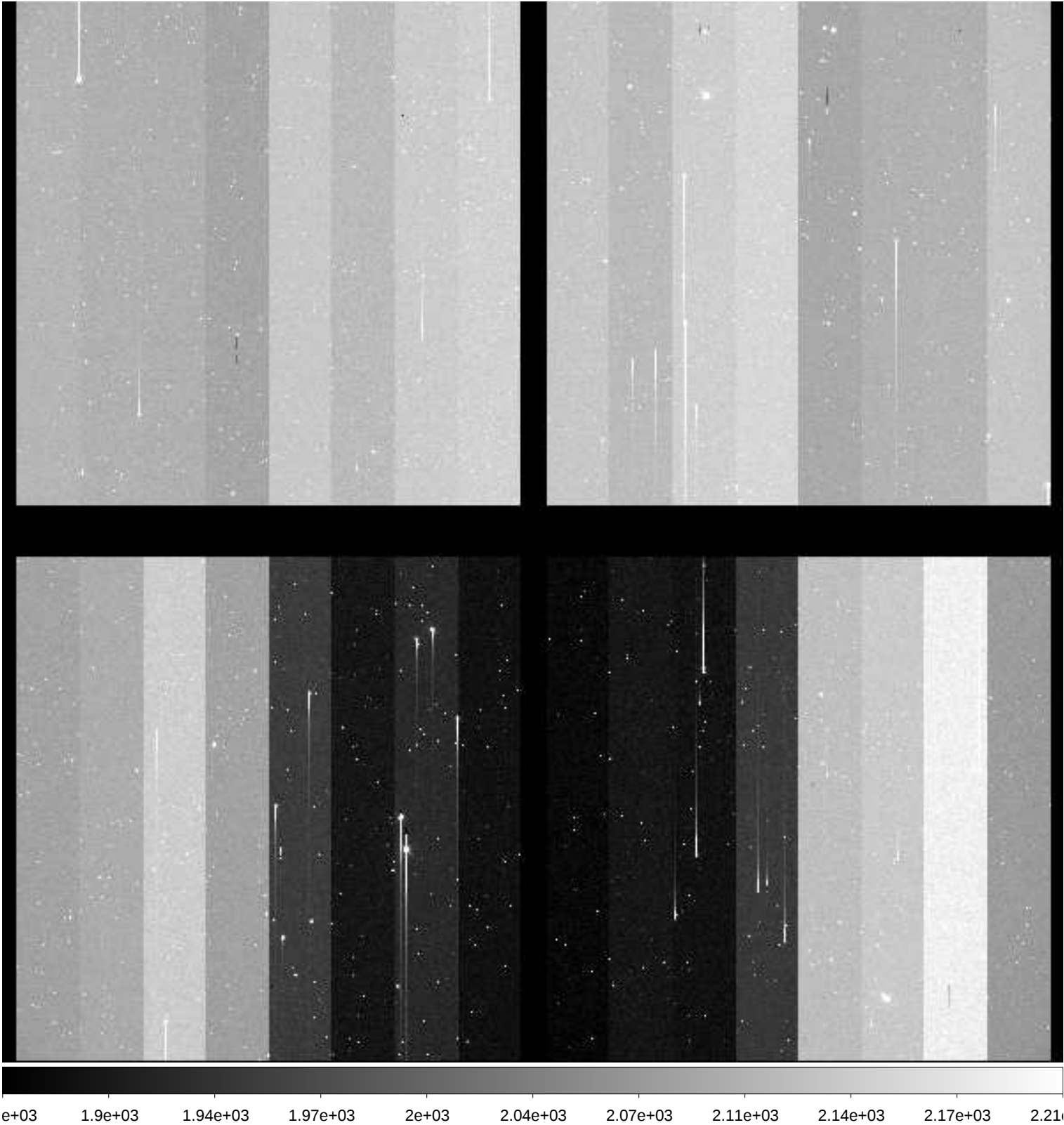
2018-11-10T03:30:36

-87.97

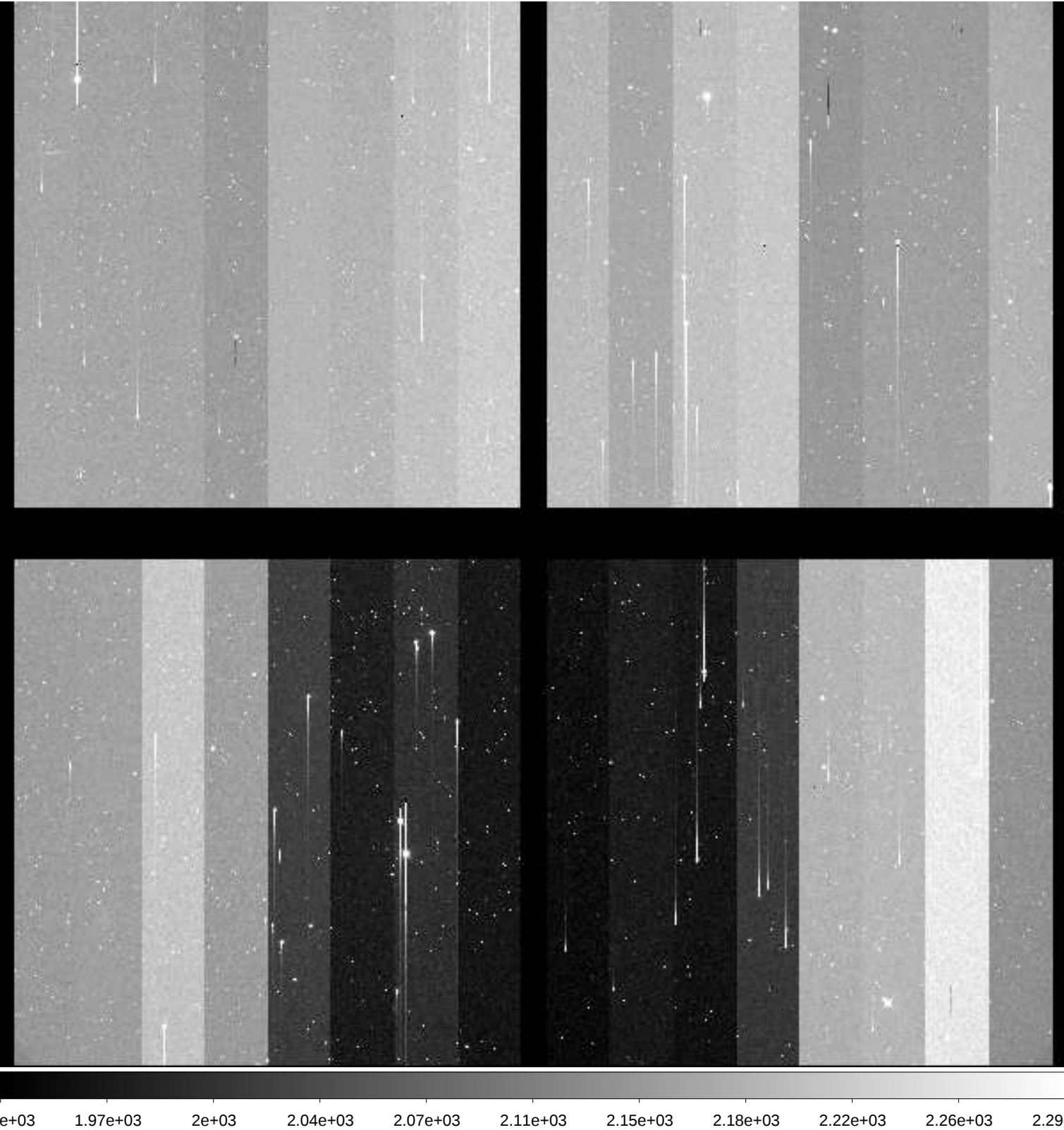
# 66 / 164 #



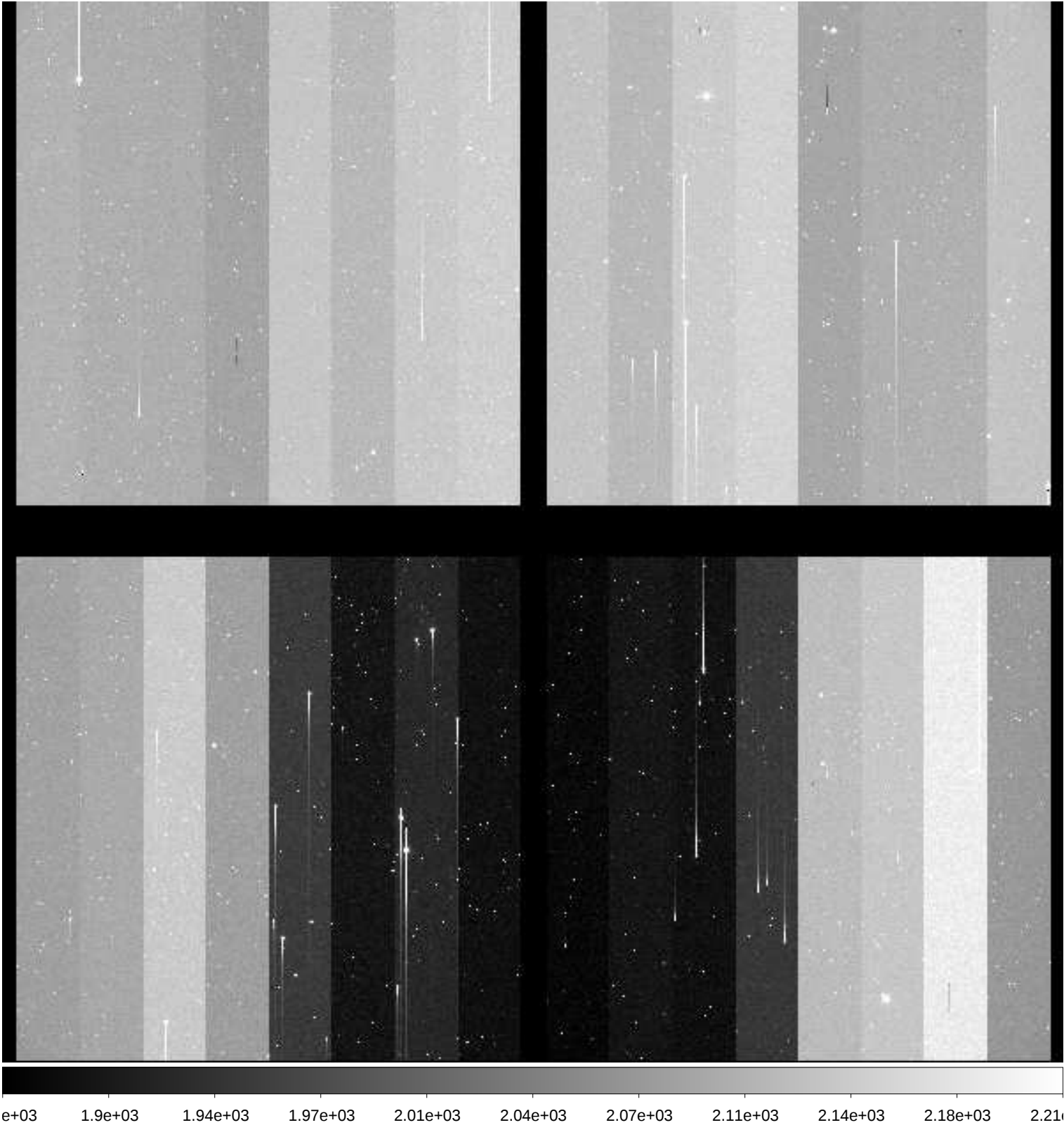
File Name : **xkmtc.20181110.004915.fits** # 67 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.610  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.32  
Sidereal Time : 02:07:48  
Filter ID : B  
Observation Date : 2018-11-10T03:34:10  
CCD Temperature : -88.06



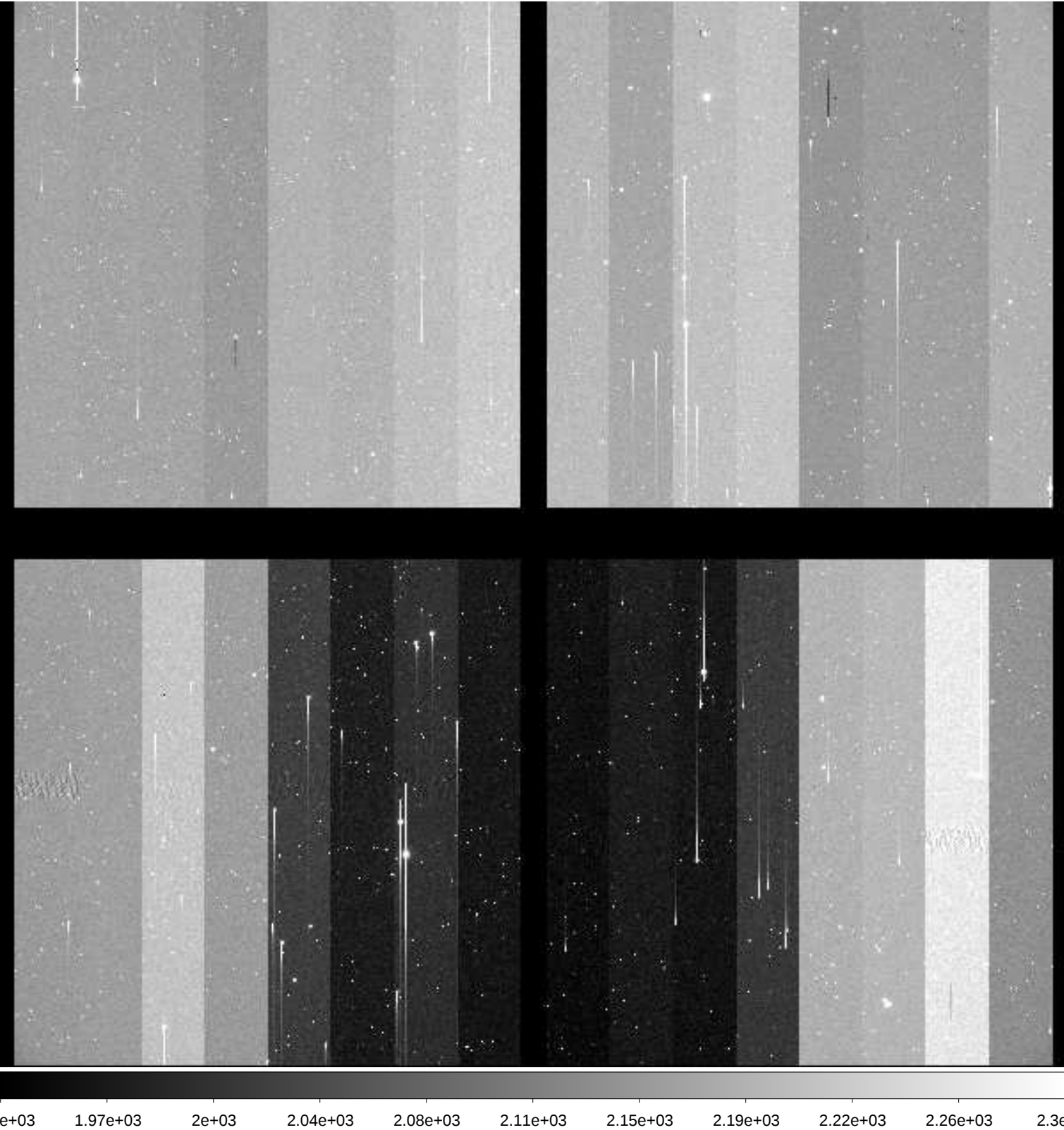
File Name : **xkmtc.20181110.004916.fits** # 68 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.640  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.33  
Sidereal Time : 02:11:47  
Filter ID : V  
Observation Date : 2018-11-10T03:38:07  
CCD Temperature : -88.13



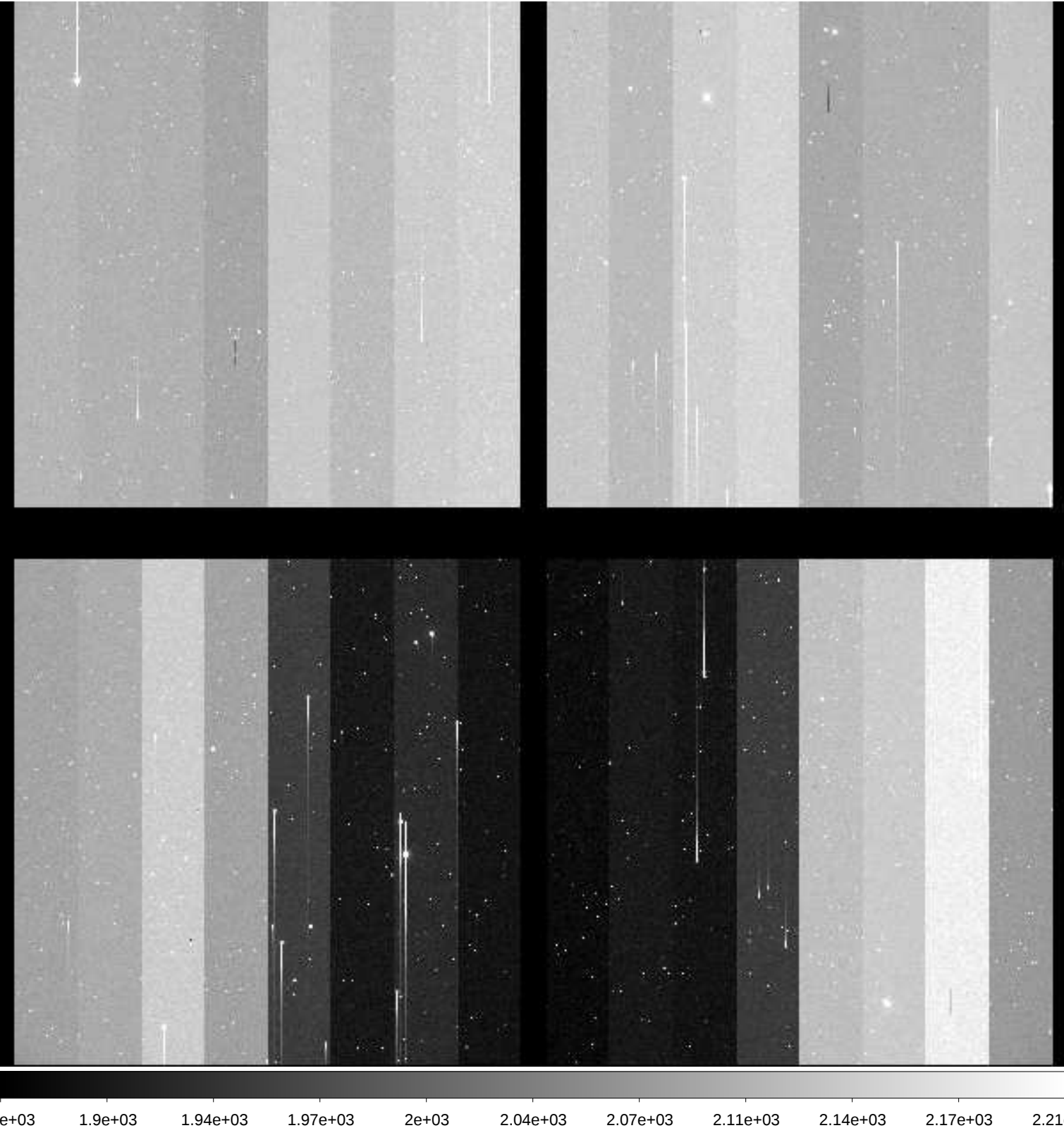
File Name : **xkmtc.20181110.004917.fits** # 69 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.620  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.33  
Sidereal Time : 02:14:43  
Filter ID : B  
Observation Date : 2018-11-10T03:41:03  
CCD Temperature : -88.15



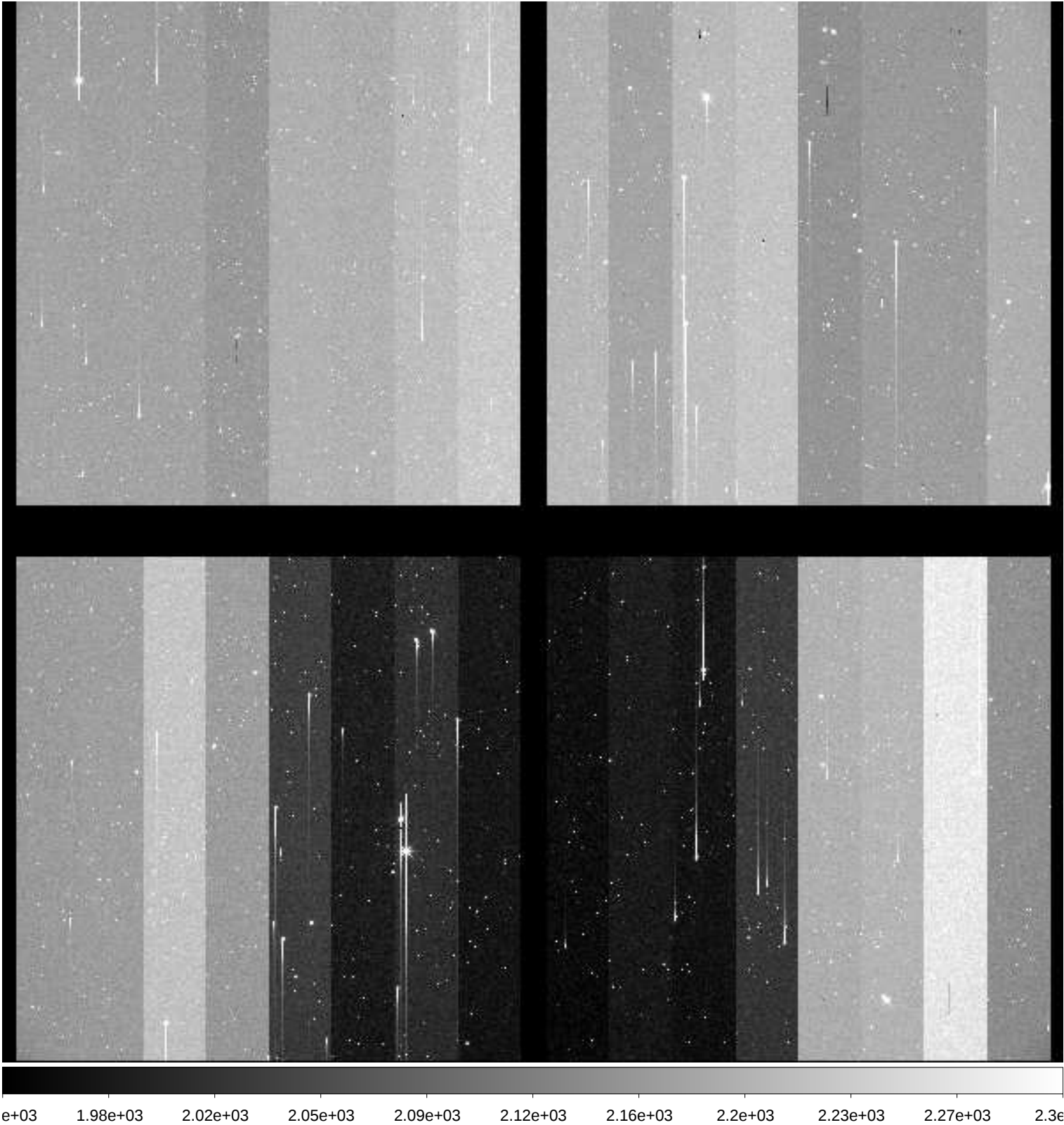
File Name : **xkmtc.20181110.004918.fits** # 70 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.610  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.34  
Sidereal Time : 02:18:43  
Filter ID : V  
Observation Date : 2018-11-10T03:45:03  
CCD Temperature : -88



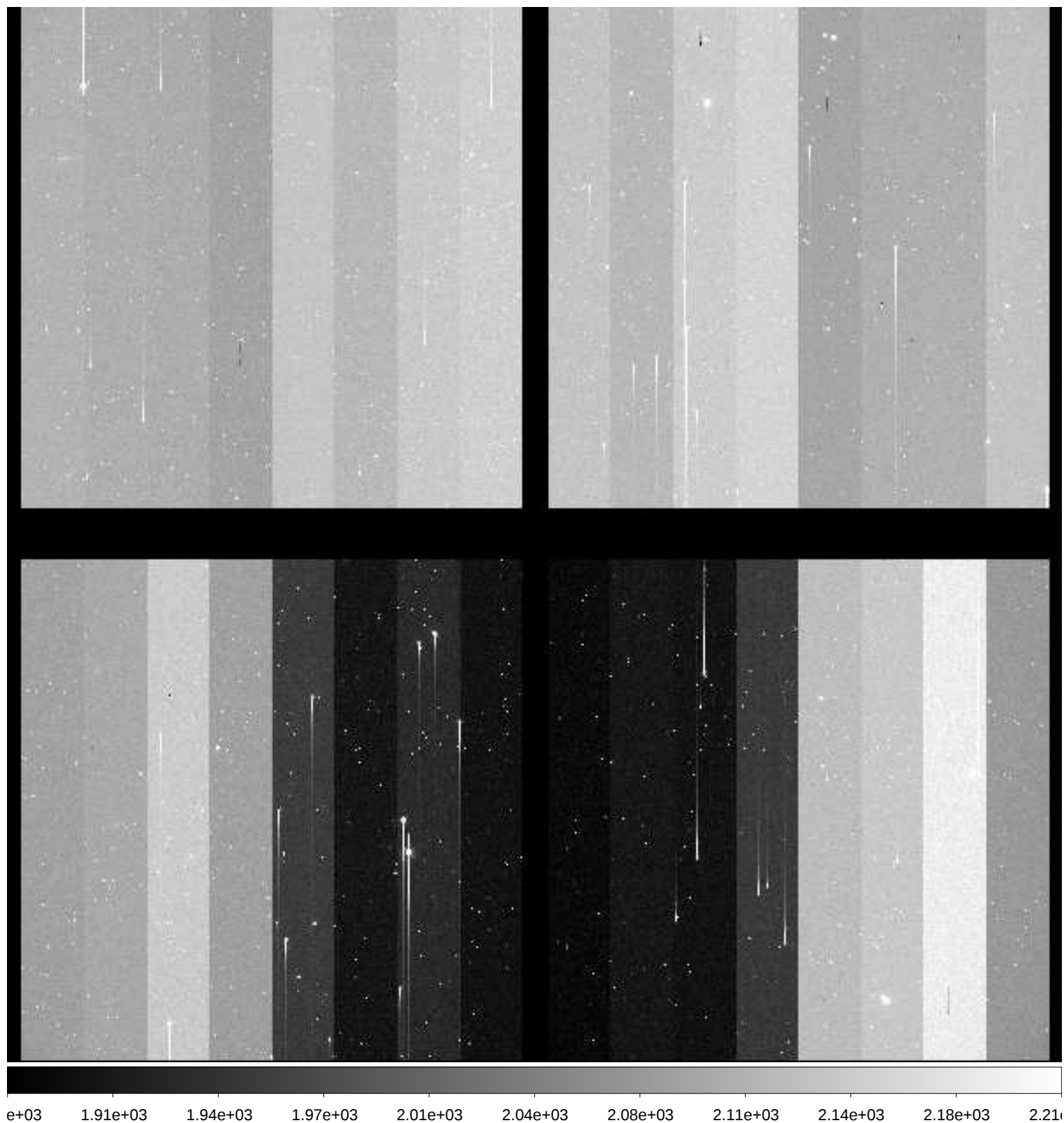
File Name : **xkmtc.20181110.004919.fits** # 71 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.620  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.36  
Sidereal Time : 02:28:34  
Filter ID : B  
Observation Date : 2018-11-10T03:54:52  
CCD Temperature : -88.29



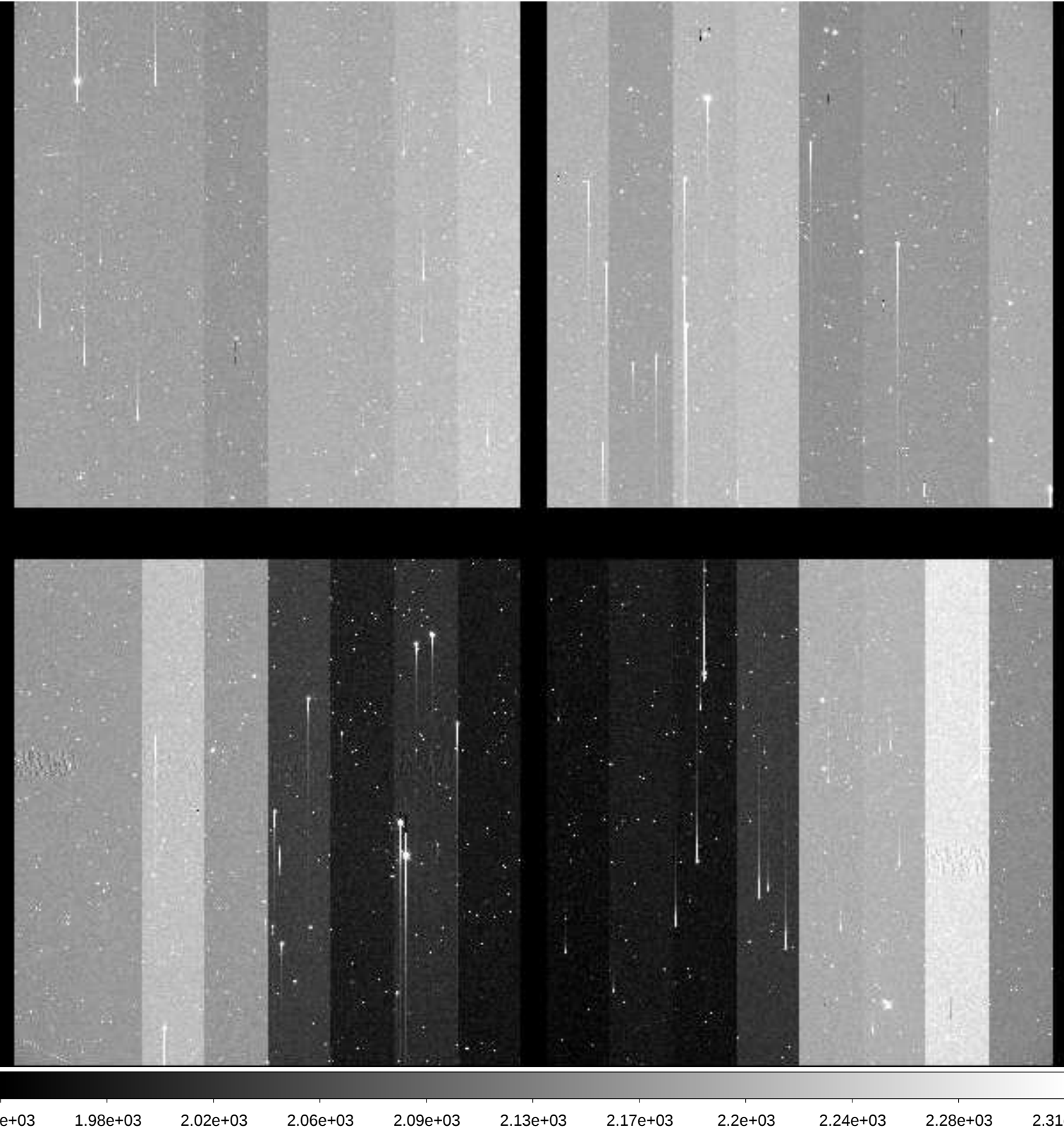
File Name : **xkmtc.20181110.004920.fits** # 72 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.630  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.37  
Sidereal Time : 02:31:45  
Filter ID : V  
Observation Date : 2018-11-10T03:58:02  
CCD Temperature : -88.38



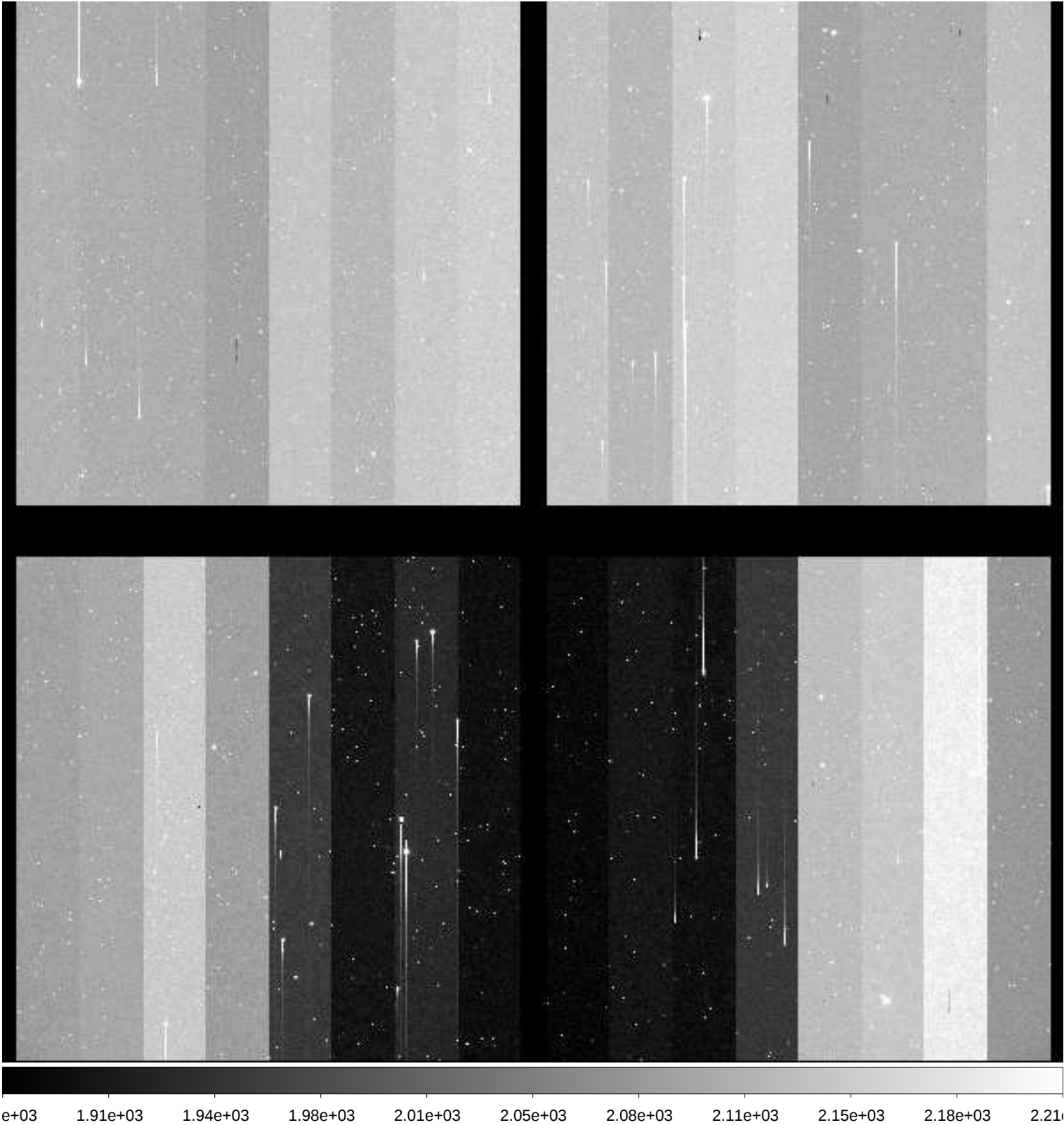
# 73 / 164 #



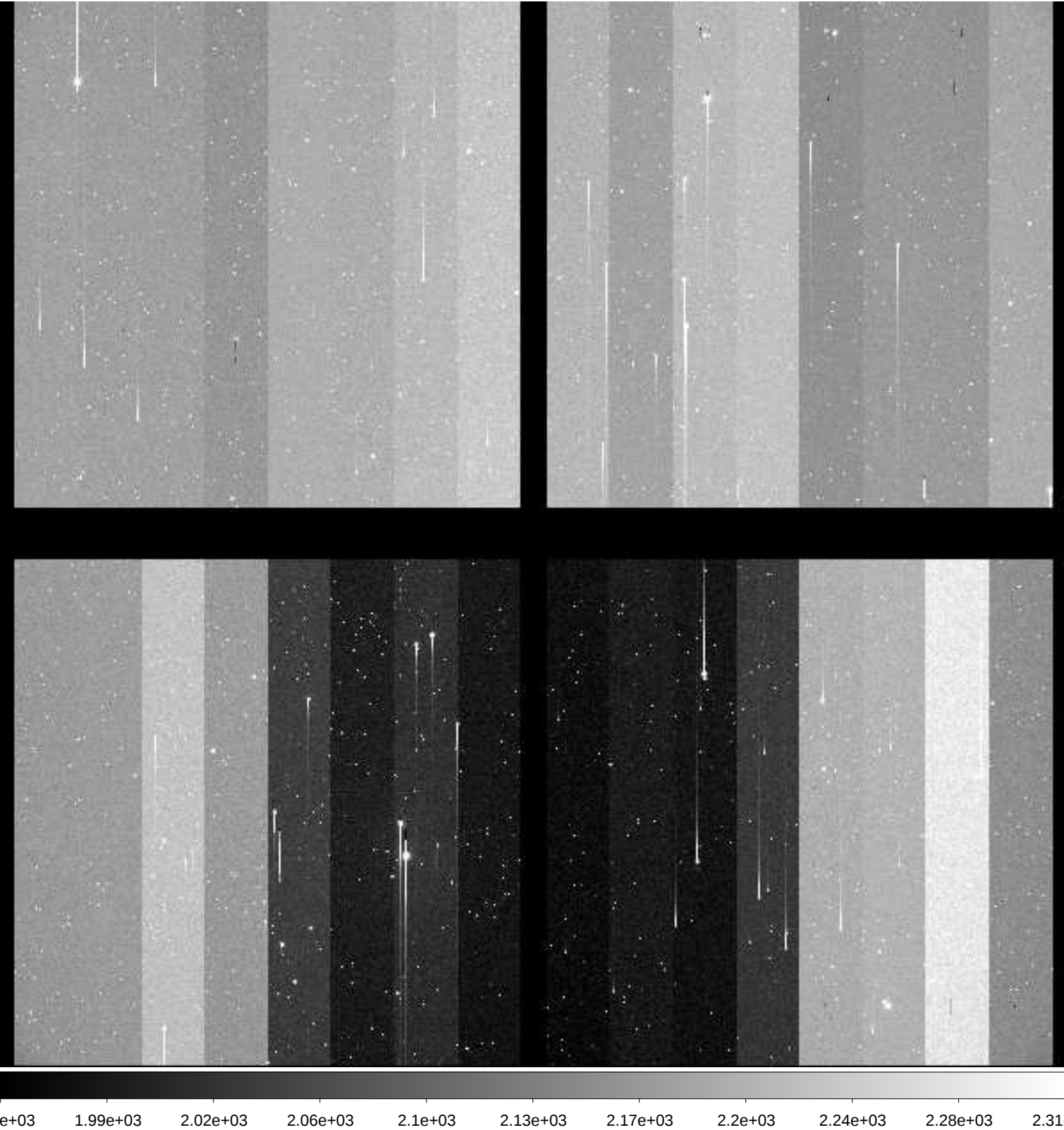
File Name : **xkmtc.20181110.004922.fits** # 74 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.600  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.38  
Sidereal Time : 02:37:58  
Filter ID : V  
Observation Date : 2018-11-10T04:04:14  
CCD Temperature : -88.47



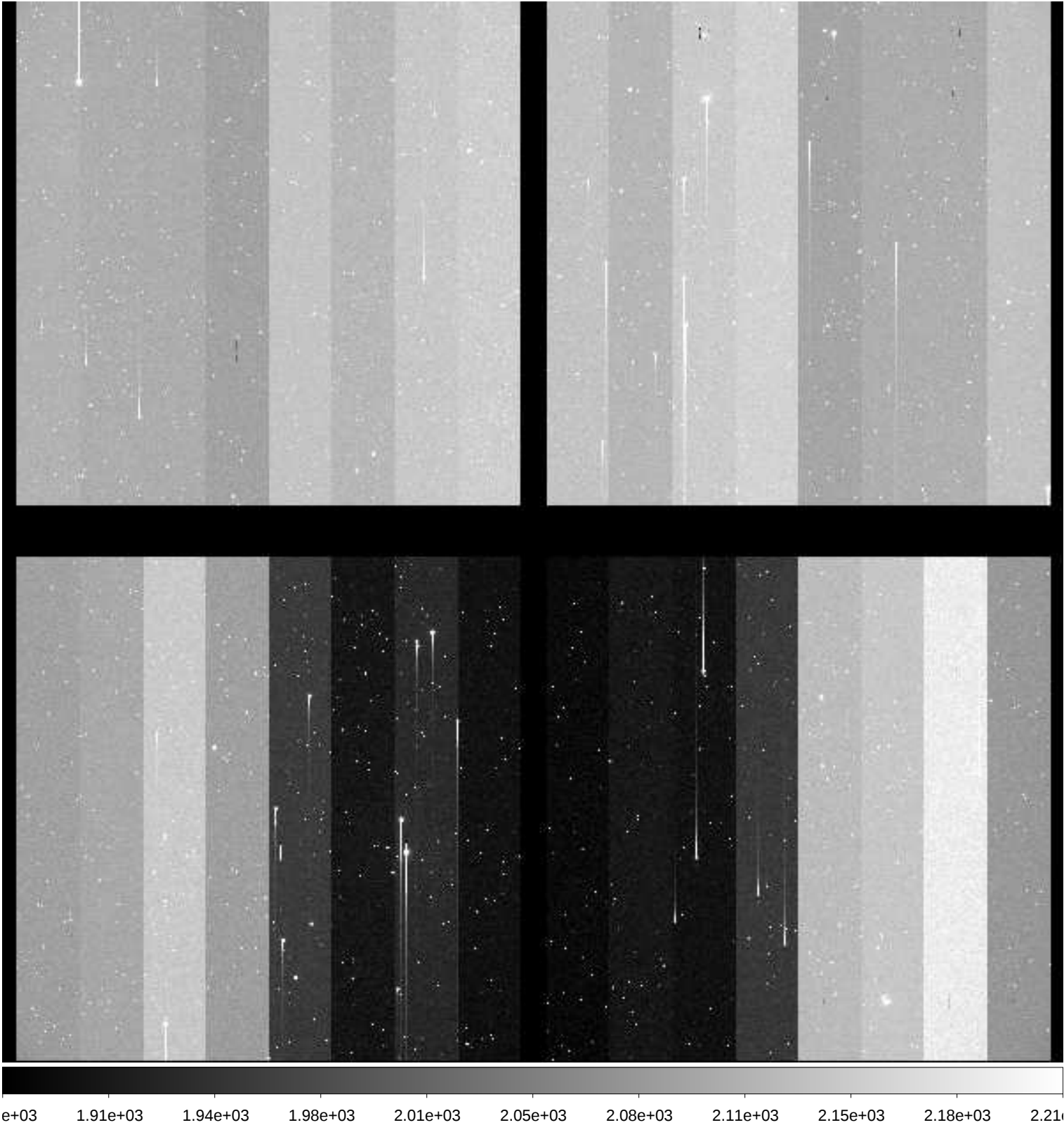
File Name : **xkmtc.20181110.004923.fits** # 75 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.630  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.39  
Sidereal Time : 02:41:35  
Filter ID : B  
Observation Date : 2018-11-10T04:07:50  
CCD Temperature : -88.56



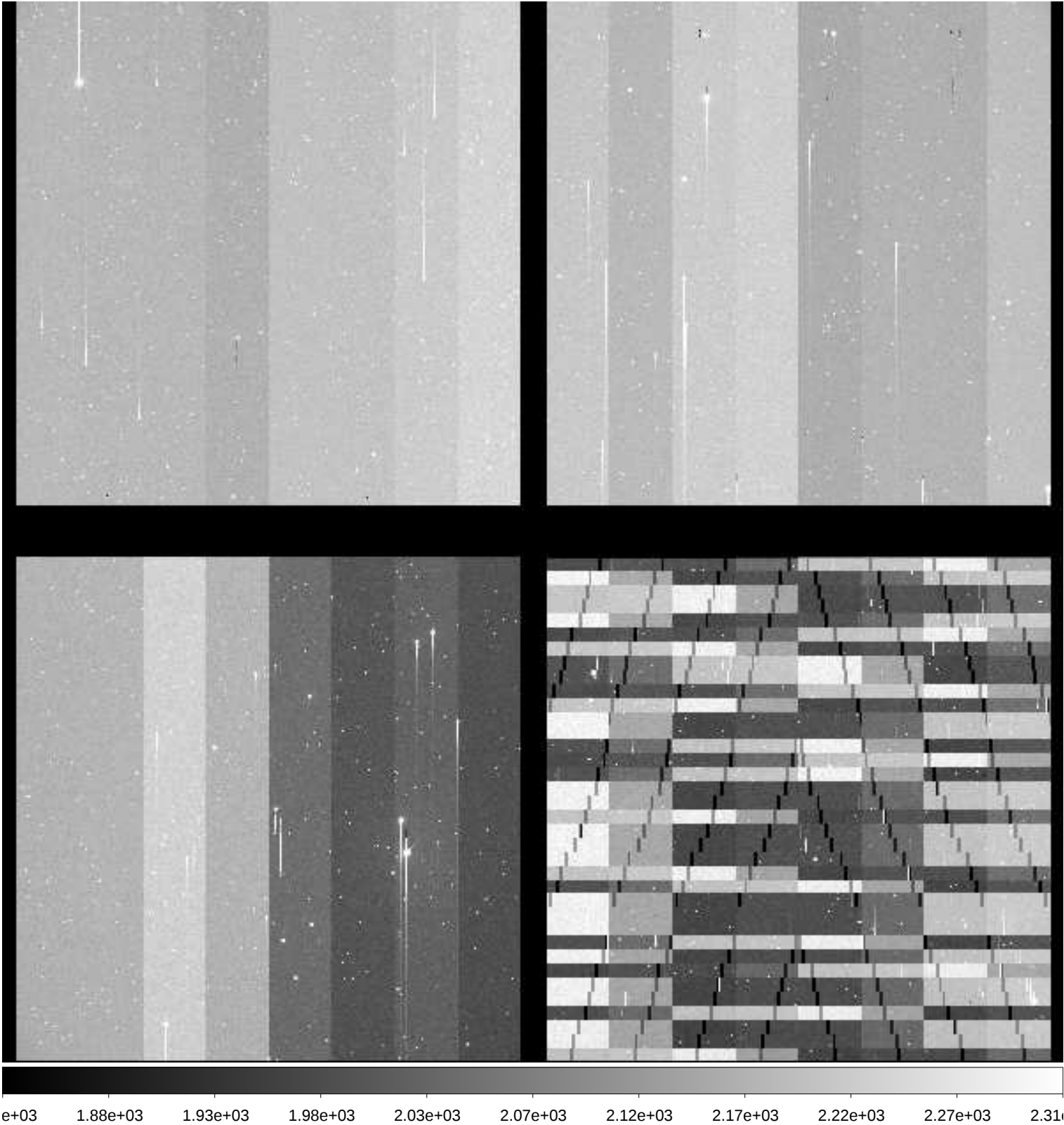
File Name : **xkmtc.20181110.004924.fits** # 76 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.610  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.39  
Sidereal Time : 02:44:42  
Filter ID : V  
Observation Date : 2018-11-10T04:10:57  
CCD Temperature : -88.62



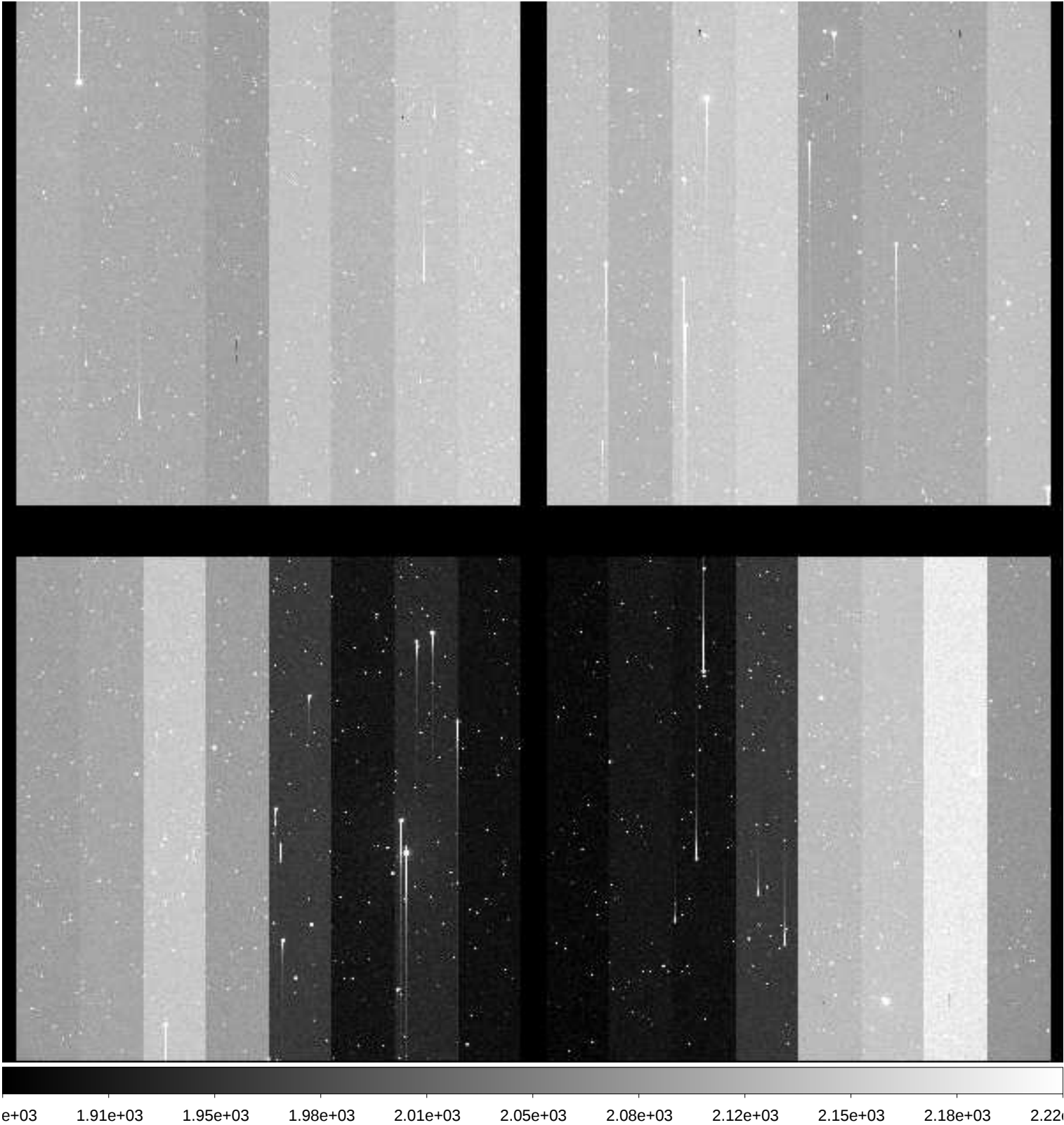
File Name : **xkmtc.20181110.004925.fits** # 77 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.600  
DEC : -63:46:12.00  
Exposure Time : 120  
Airmass : 1.40  
Sidereal Time : 02:48:11  
Filter ID : B  
Observation Date : 2018-11-10T04:14:26  
CCD Temperature : -88.66



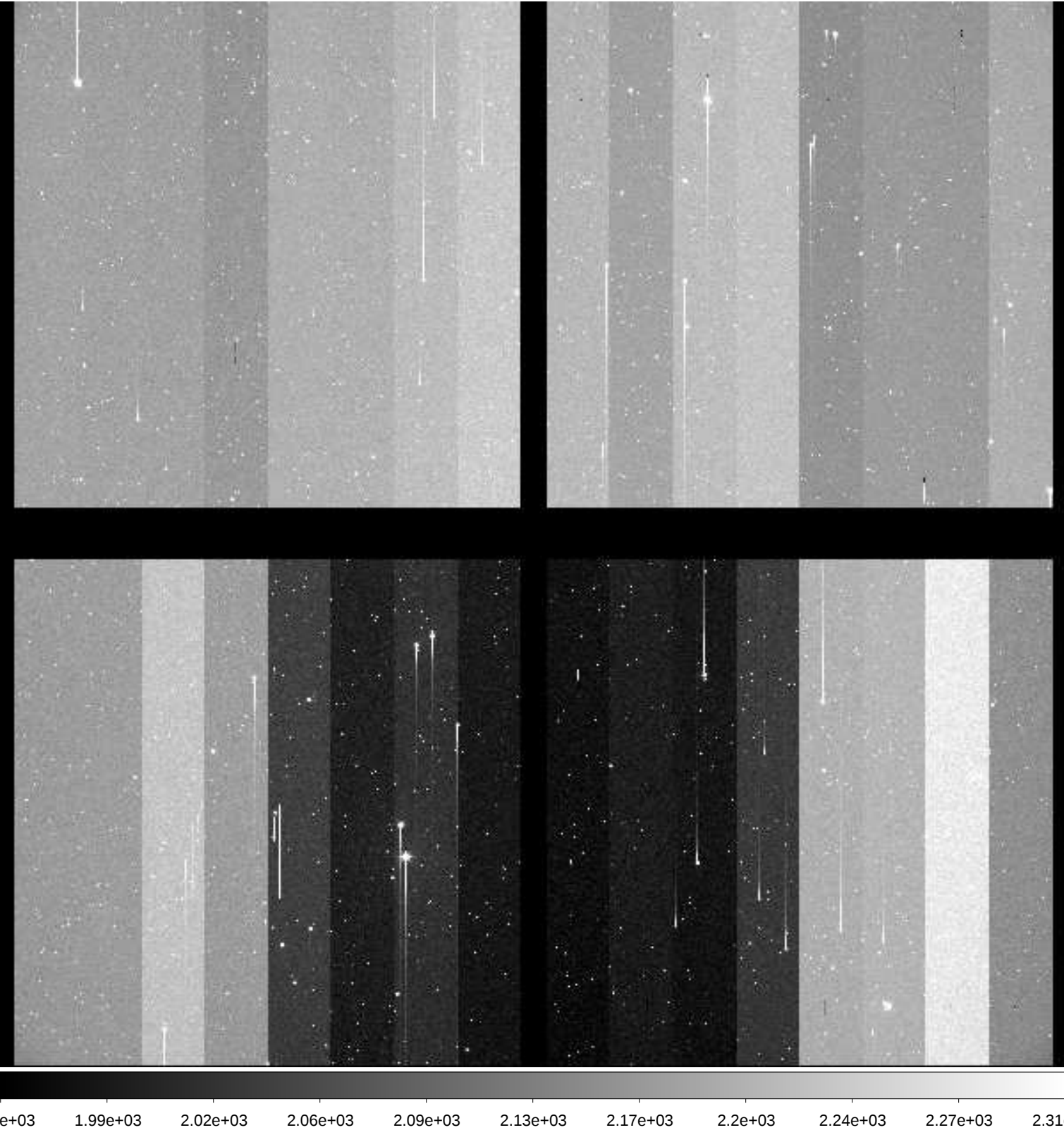
File Name : **xkmtc.20181110.004926.fits** # 78 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.610  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.41  
Sidereal Time : 02:52:15  
Filter ID : V  
Observation Date : 2018-11-10T04:18:29  
CCD Temperature : -88.7



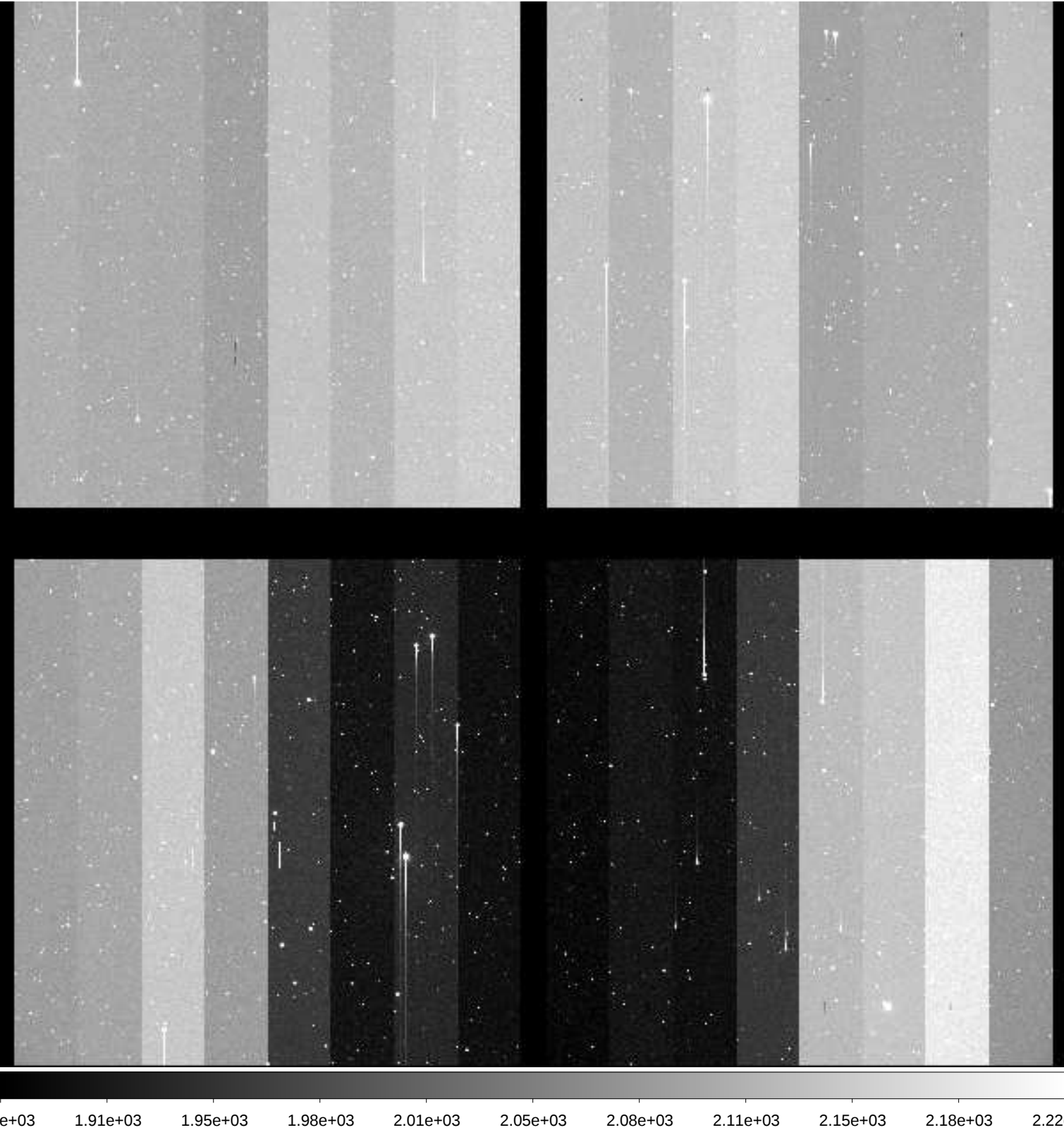
File Name : **xkmtc.20181110.004927.fits** # 79 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.630  
DEC : -63:46:12.20  
Exposure Time : 120  
Airmass : 1.42  
Sidereal Time : 02:56:23  
Filter ID : B  
Observation Date : 2018-11-10T04:22:36  
CCD Temperature : -88.74



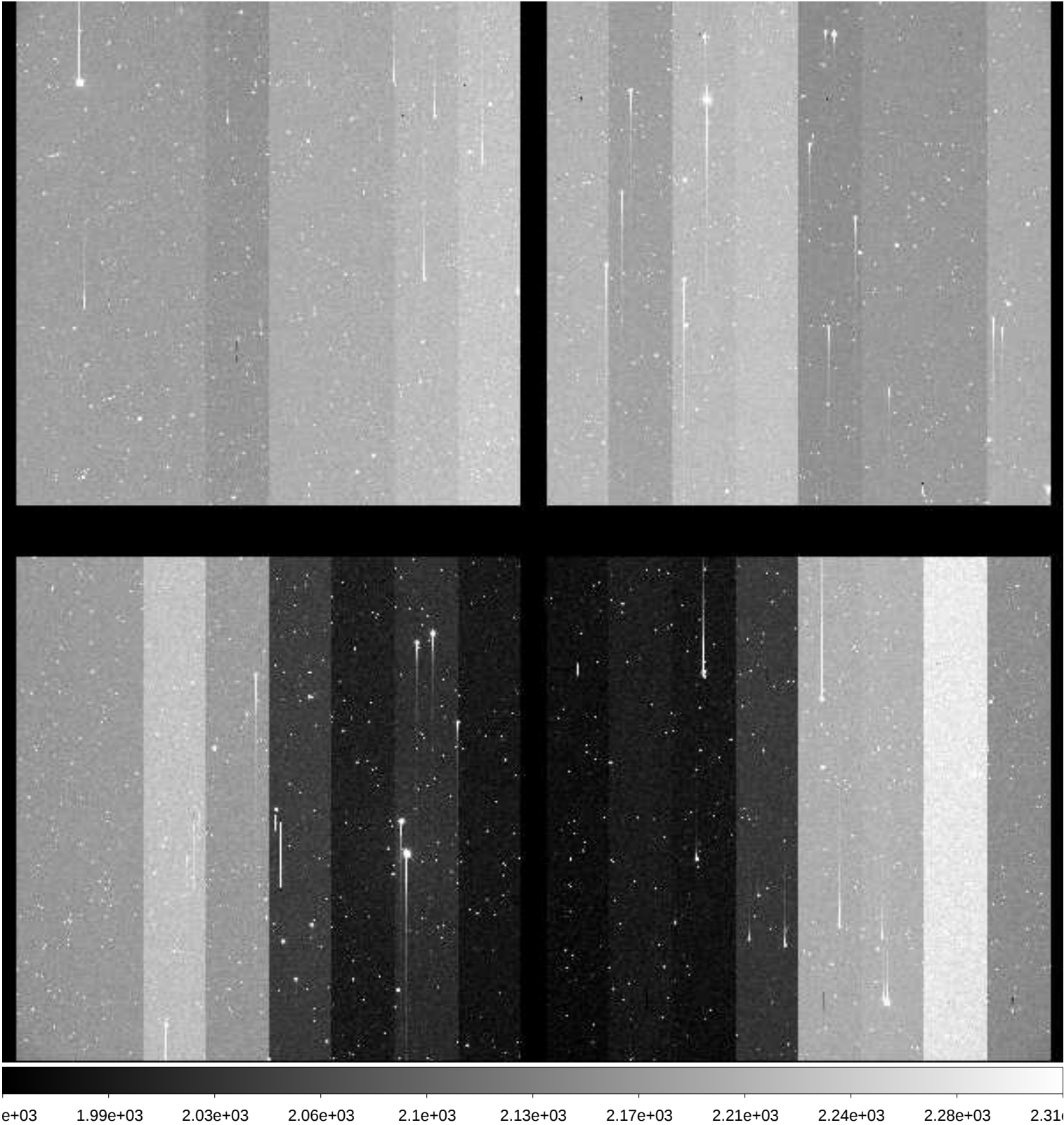
File Name : **xkmtc.20181110.004928.fits** # 80 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.610  
DEC : -63:46:12.10  
Exposure Time : 120  
Airmass : 1.43  
Sidereal Time : 03:00:09  
Filter ID : V  
Observation Date : 2018-11-10T04:26:21  
CCD Temperature : -88.75



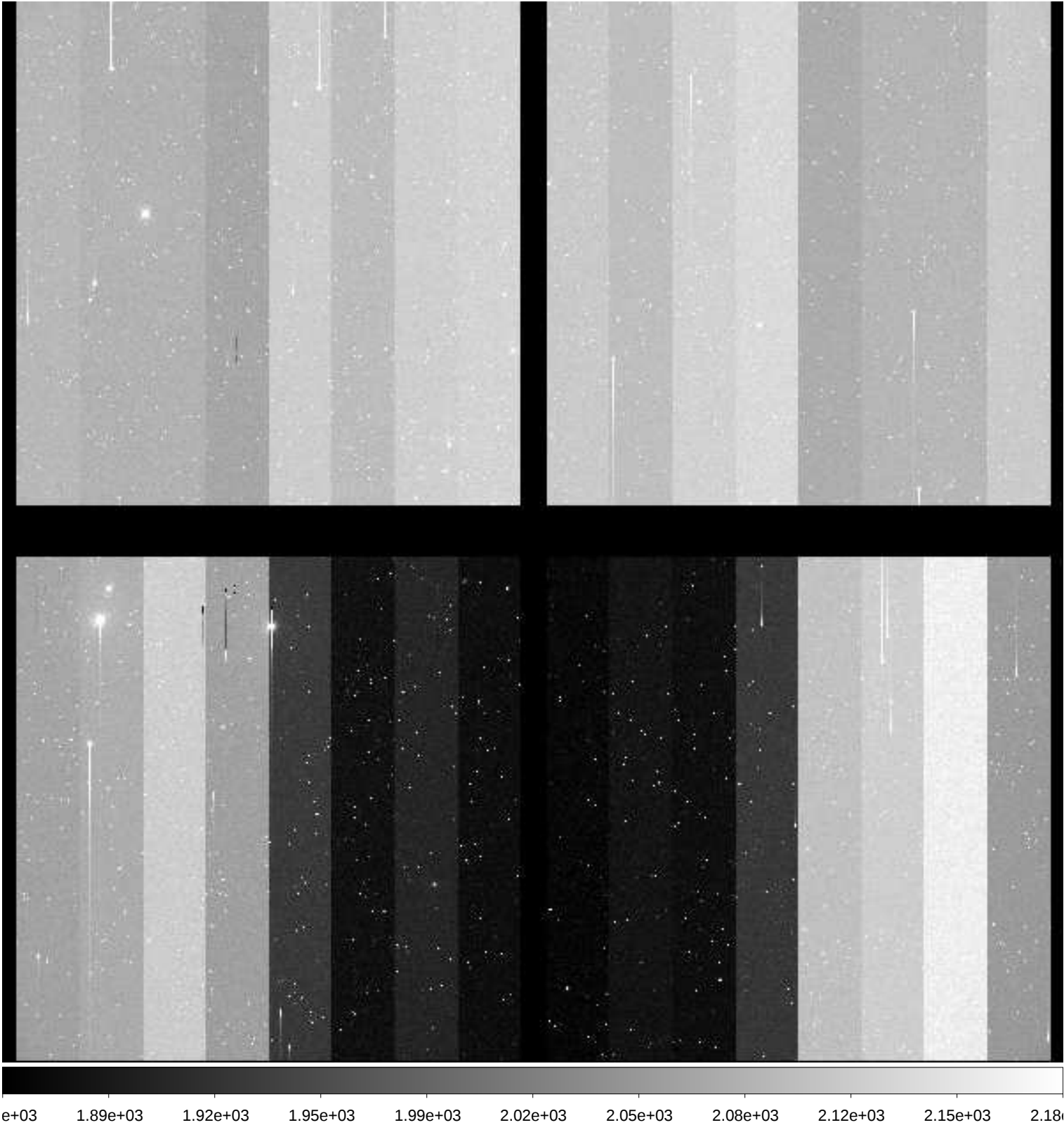
File Name : **xkmtc.20181110.004929.fits** # 81 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.630  
DEC : -63:46:12.30  
Exposure Time : 120  
Airmass : 1.44  
Sidereal Time : 03:03:19  
Filter ID : B  
Observation Date : 2018-11-10T04:29:32  
CCD Temperature : -88.78



File Name : **xkmtc.20181110.004930.fits** # 82 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **tuc5**  
RA : 23:41:50.600  
DEC : -63:46:12.00  
Exposure Time : 120  
Airmass : 1.45  
Sidereal Time : 03:06:16  
Filter ID : V  
Observation Date : 2018-11-10T04:32:28  
CCD Temperature : -88.79



File Name : **xkmtc.20181110.004931.fits** # 83 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.980  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.17  
Sidereal Time : 03:10:38  
Filter ID : B  
Observation Date : 2018-11-10T04:36:48  
CCD Temperature : -88.63



File Name : **xkmtc.20181110.004932.fits** # 84 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **coll**

RA : 05:33:41.960

DEC : -28:31:48.10

Exposure Time : 120

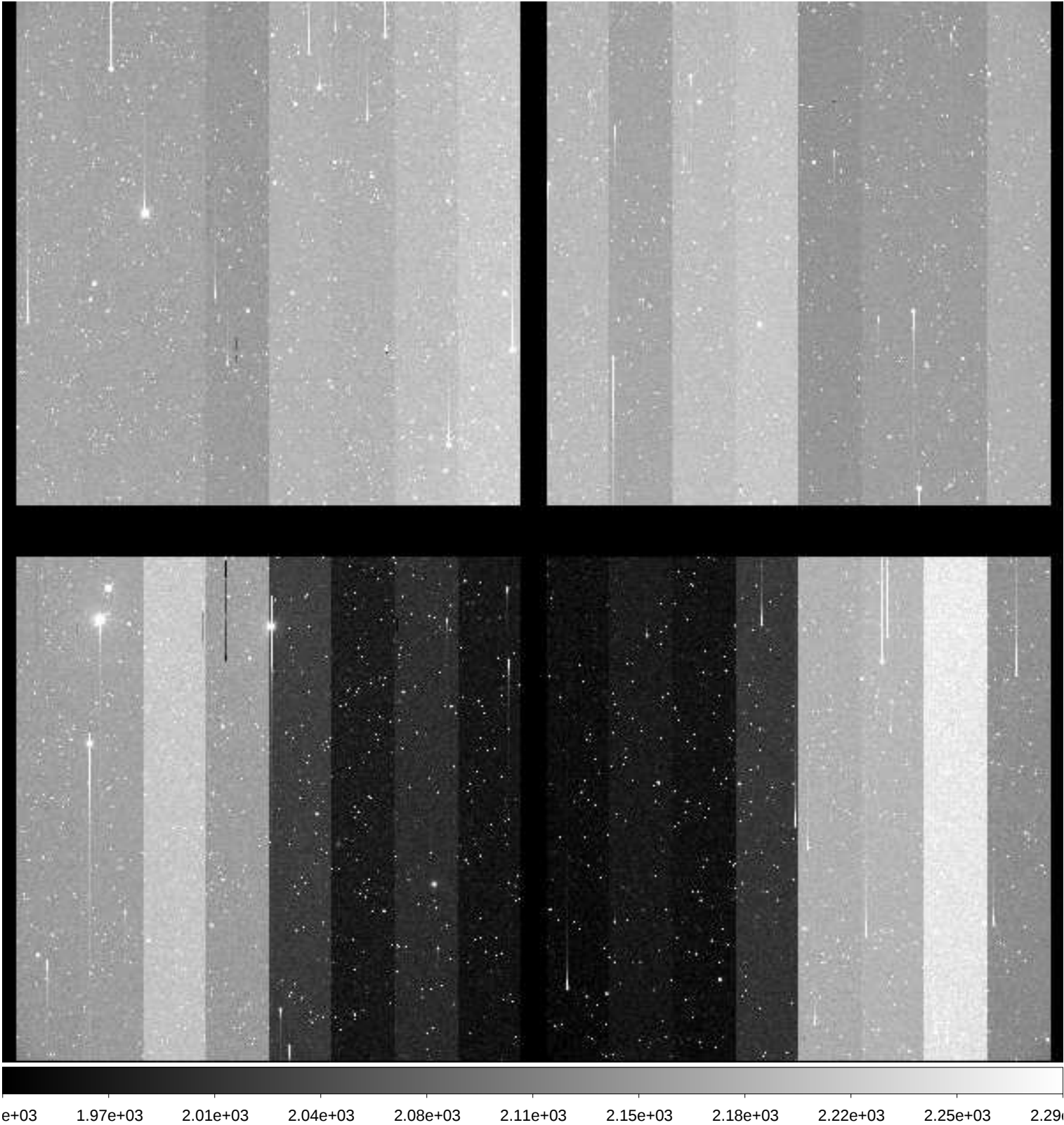
Airmass : 1.16

Sidereal Time : 03:13:35

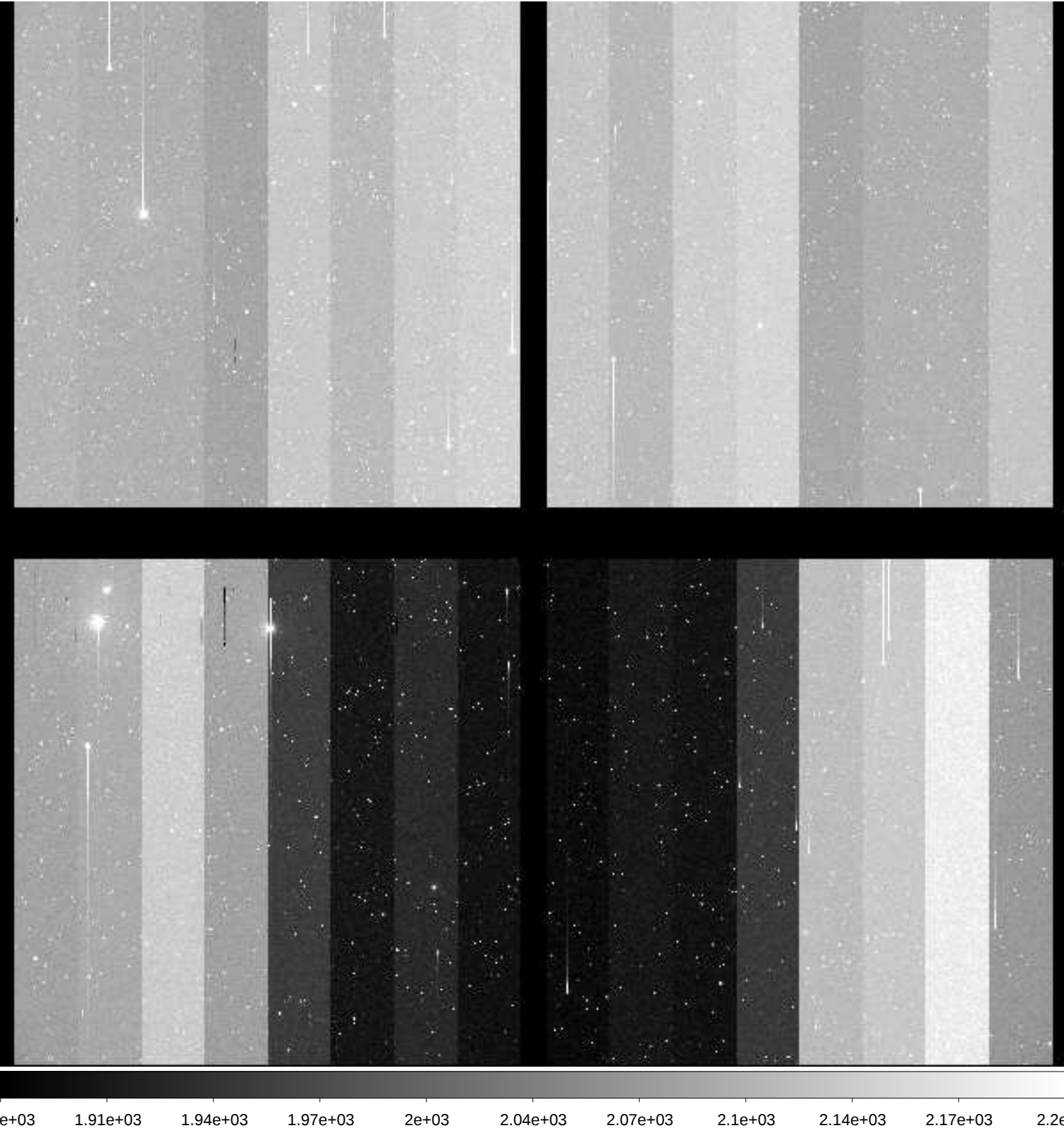
Filter ID : V

Observation Date : 2018-11-10T04:39:45

CCD Temperature : -88.7



File Name : **xkmtc.20181110.004933.fits** # 85 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.15  
Sidereal Time : 03:16:38  
Filter ID : B  
Observation Date : 2018-11-10T04:42:48  
CCD Temperature : -88.8



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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xkmtc.20181110.004934.fits

ECSUNG

OBJECT

col1

05:33:41.940

-28:31:48.10

120

1.15

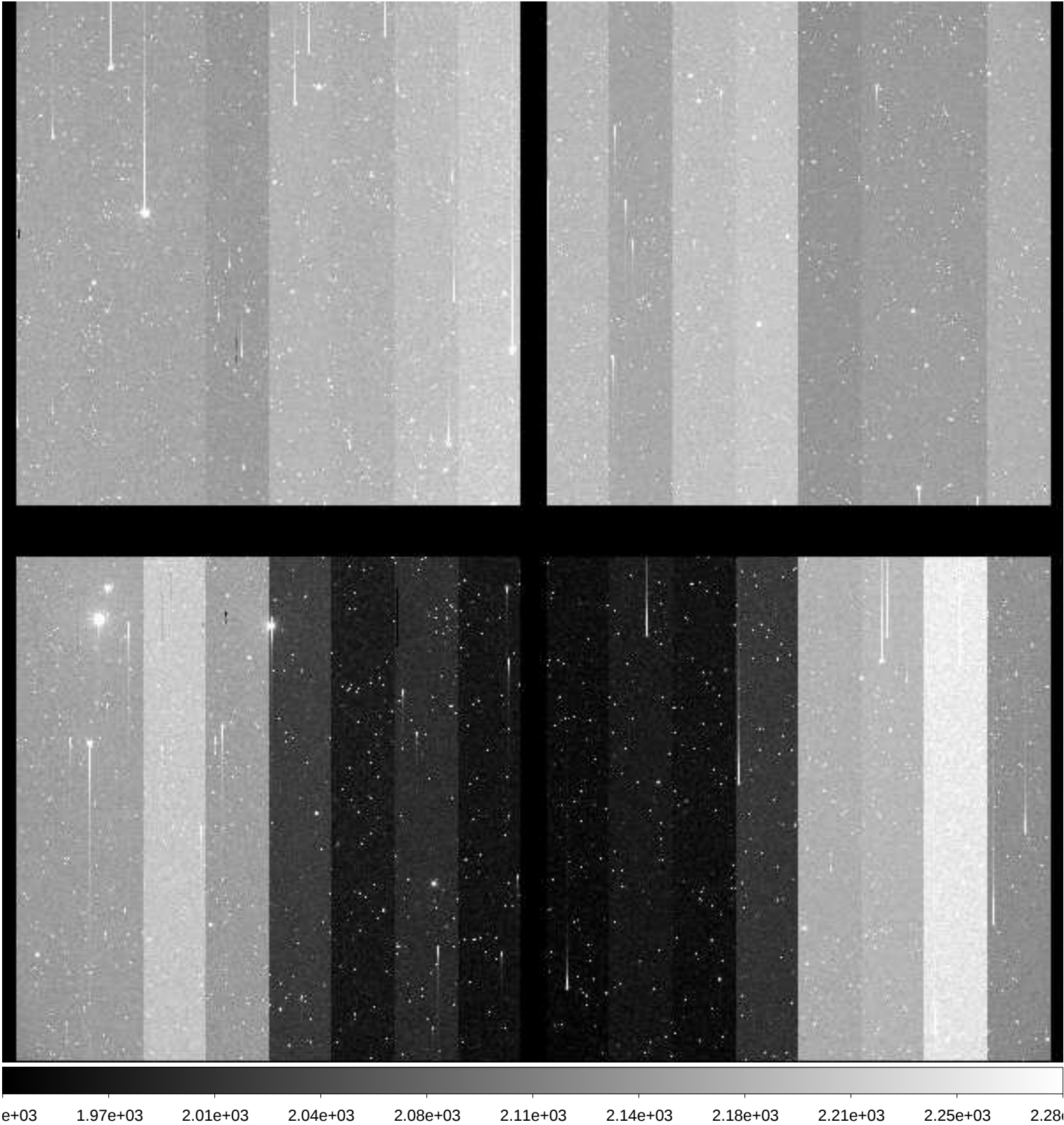
03:19:35

V

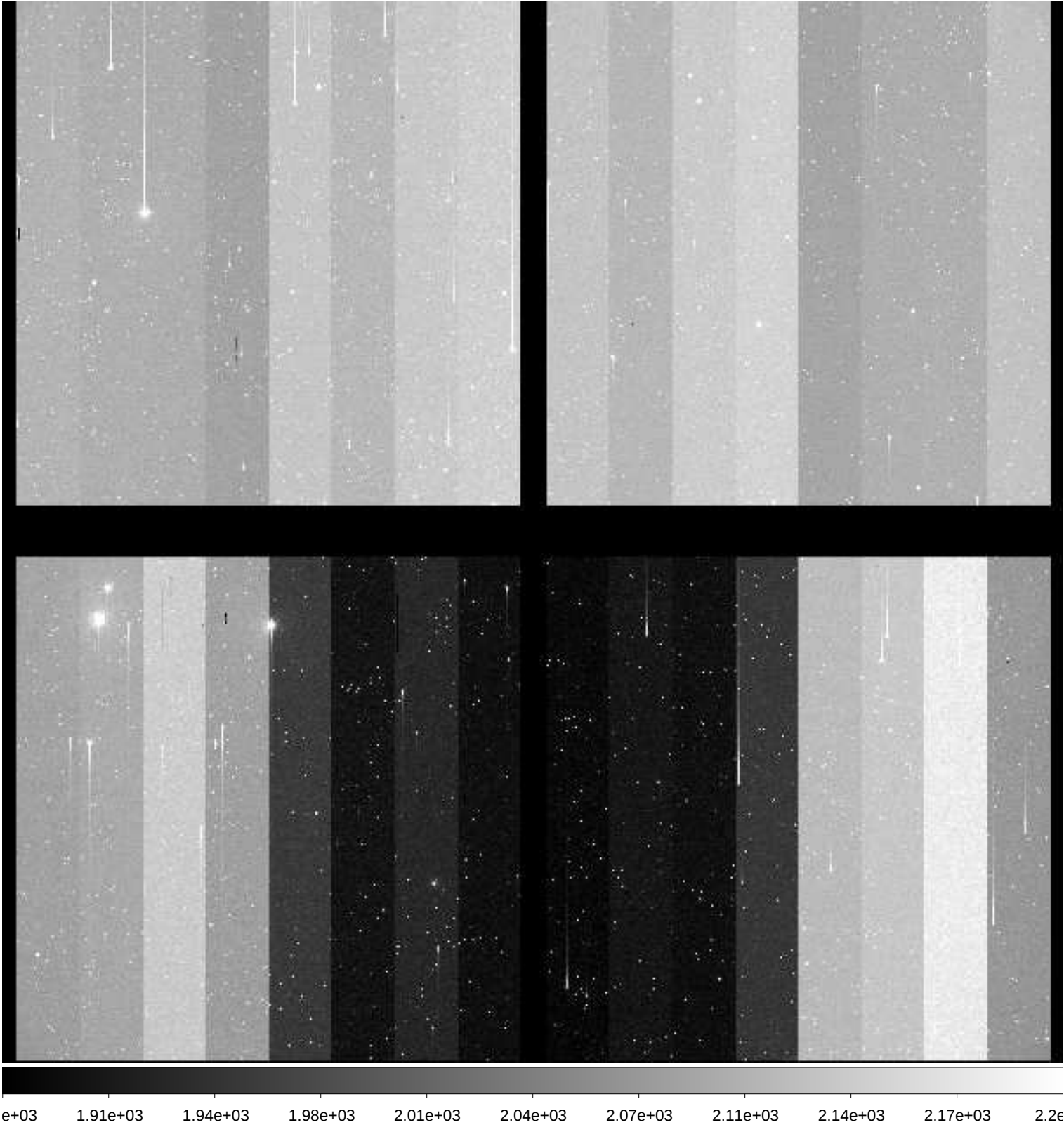
2018-11-10T04:45:45

-88.87

# 86 / 164 #



File Name : **xkmtc.20181110.004935.fits** # 87 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **coll**  
RA : 05:33:41.960  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.14  
Sidereal Time : 03:22:33  
Filter ID : B  
Observation Date : 2018-11-10T04:48:42  
CCD Temperature : -87.46



File Name : **xkmtc.20181110.004936.fits** # 88 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **col1**

RA : 05:33:41.960

DEC : -28:31:48.10

Exposure Time : 120

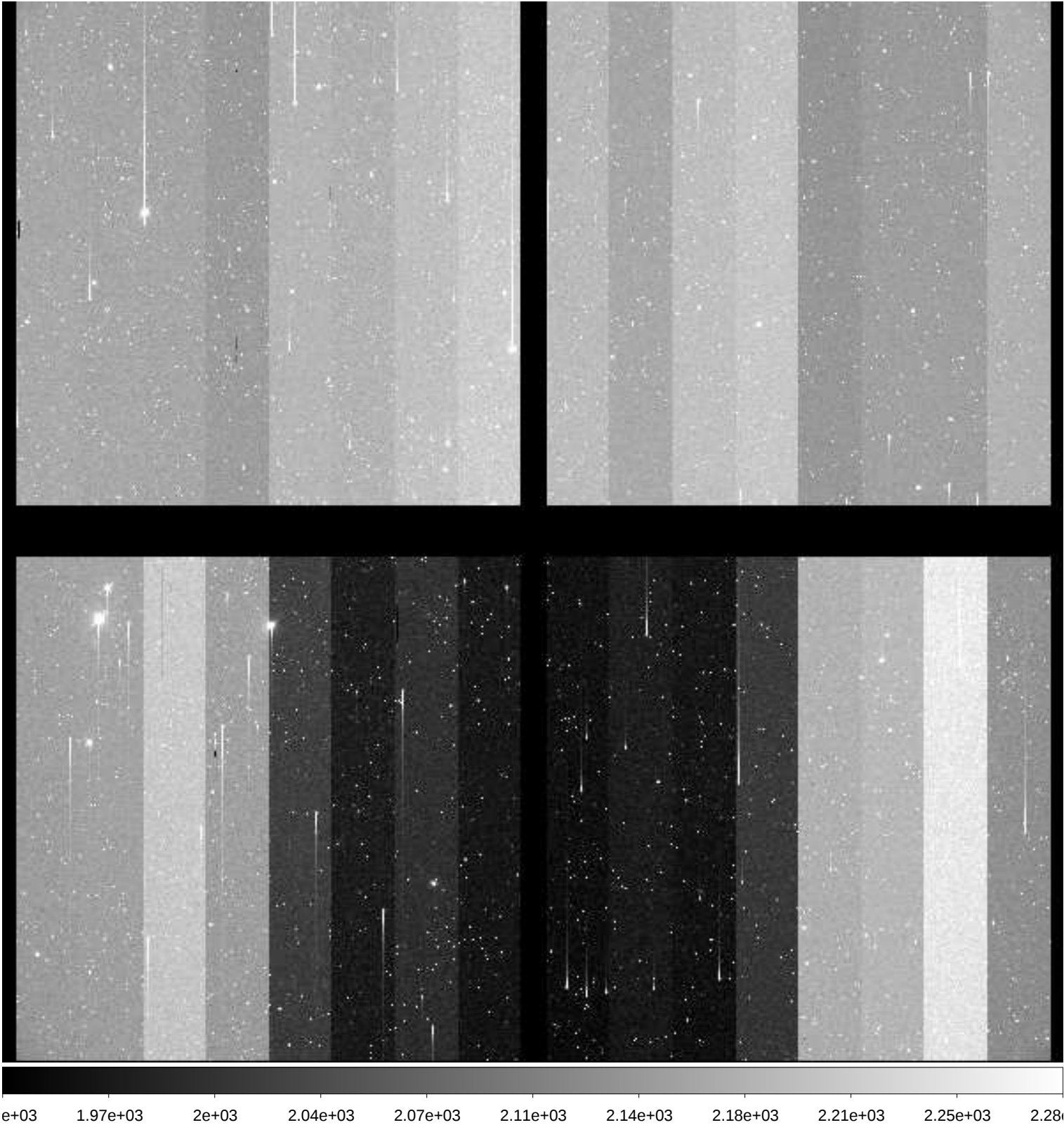
Airmass : 1.13

Sidereal Time : 03:25:36

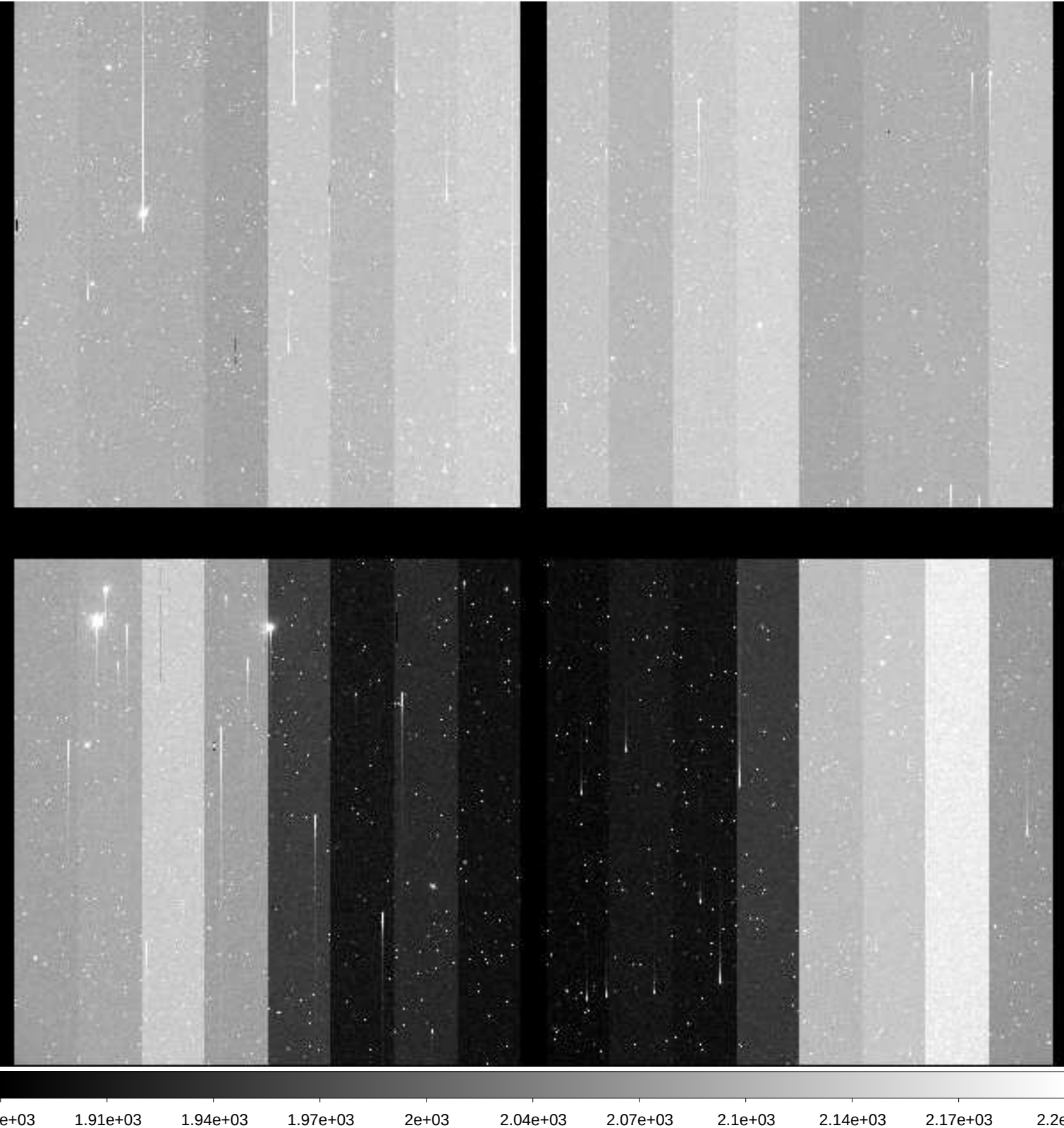
Filter ID : V

Observation Date : 2018-11-10T04:51:57

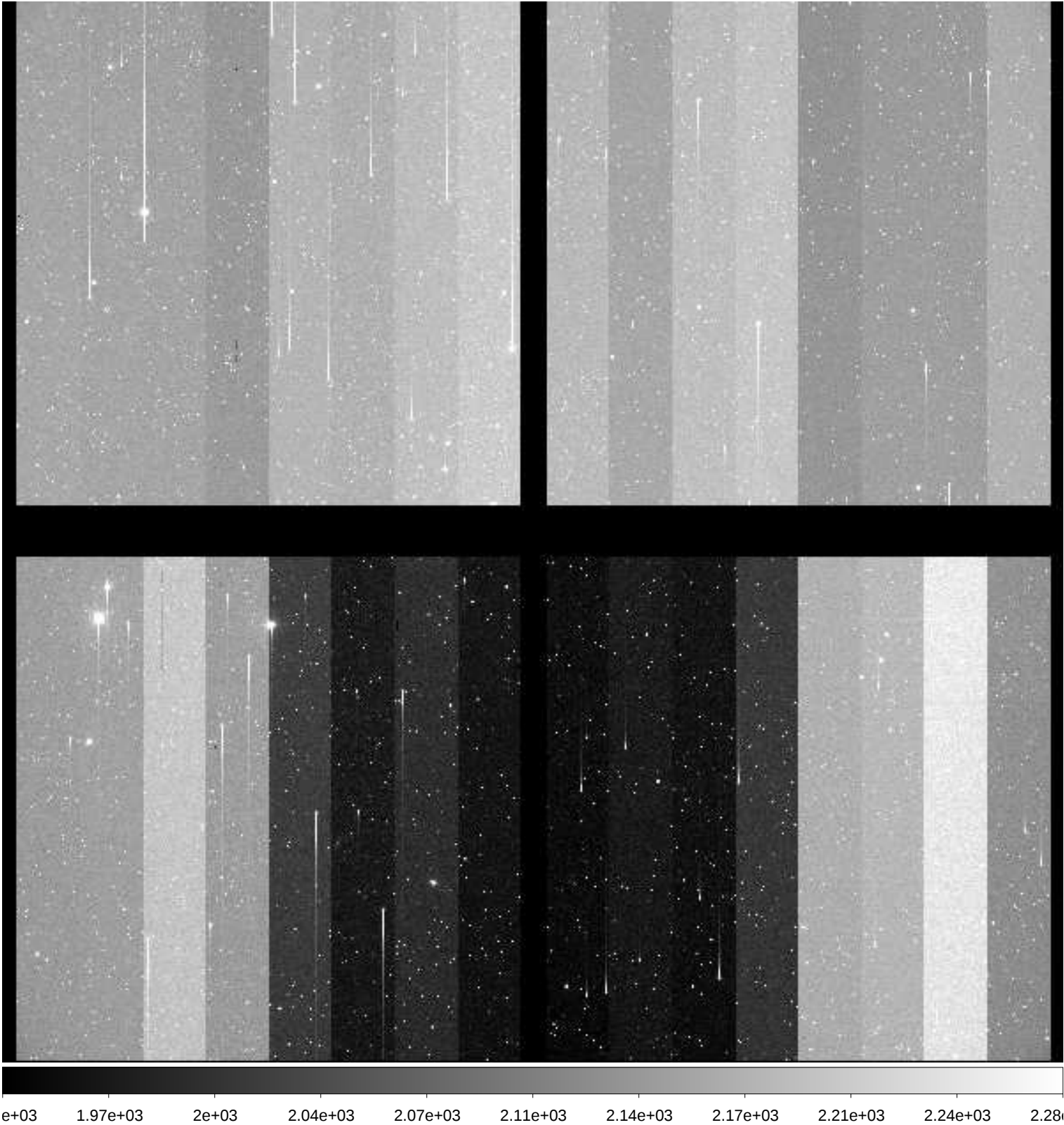
CCD Temperature : -88.76



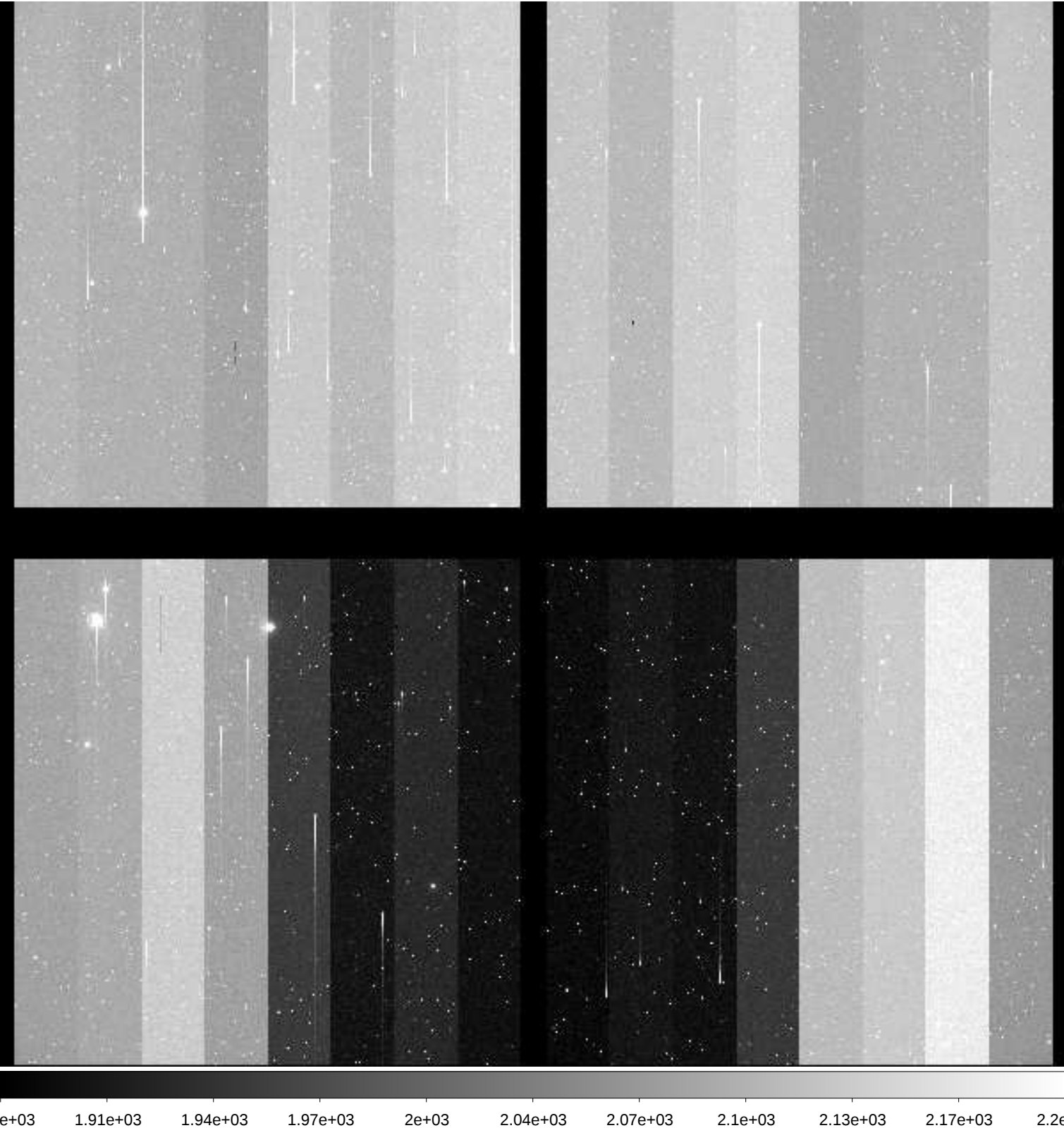
File Name : **xkmtc.20181110.004937.fits** # 89 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.13  
Sidereal Time : 03:28:54  
Filter ID : B  
Observation Date : 2018-11-10T04:55:02  
CCD Temperature : -88.85



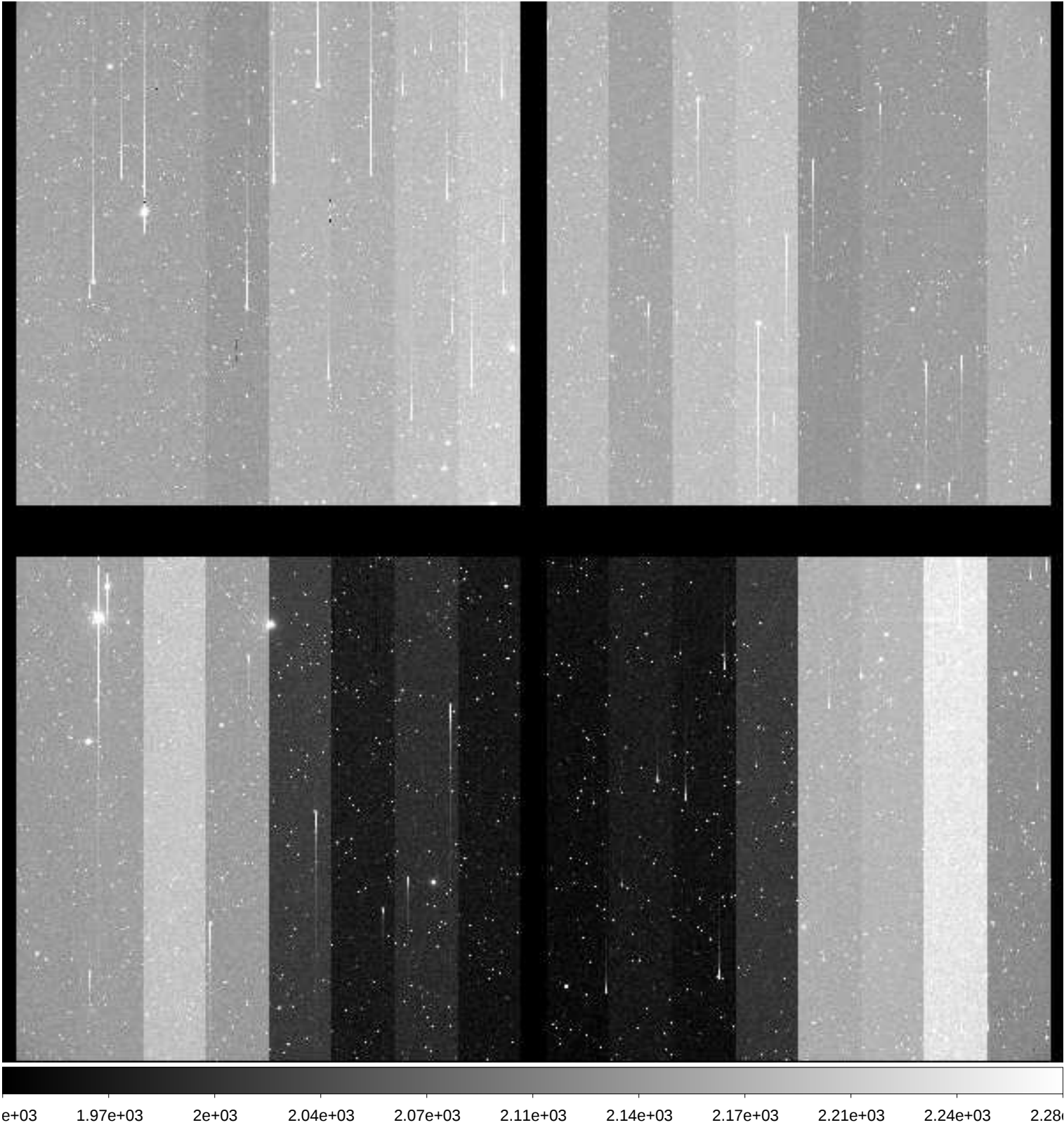
File Name : **xkmtc.20181110.004938.fits** # 90 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.12  
Sidereal Time : 03:31:53  
Filter ID : V  
Observation Date : 2018-11-10T04:58:00  
CCD Temperature : -88.95



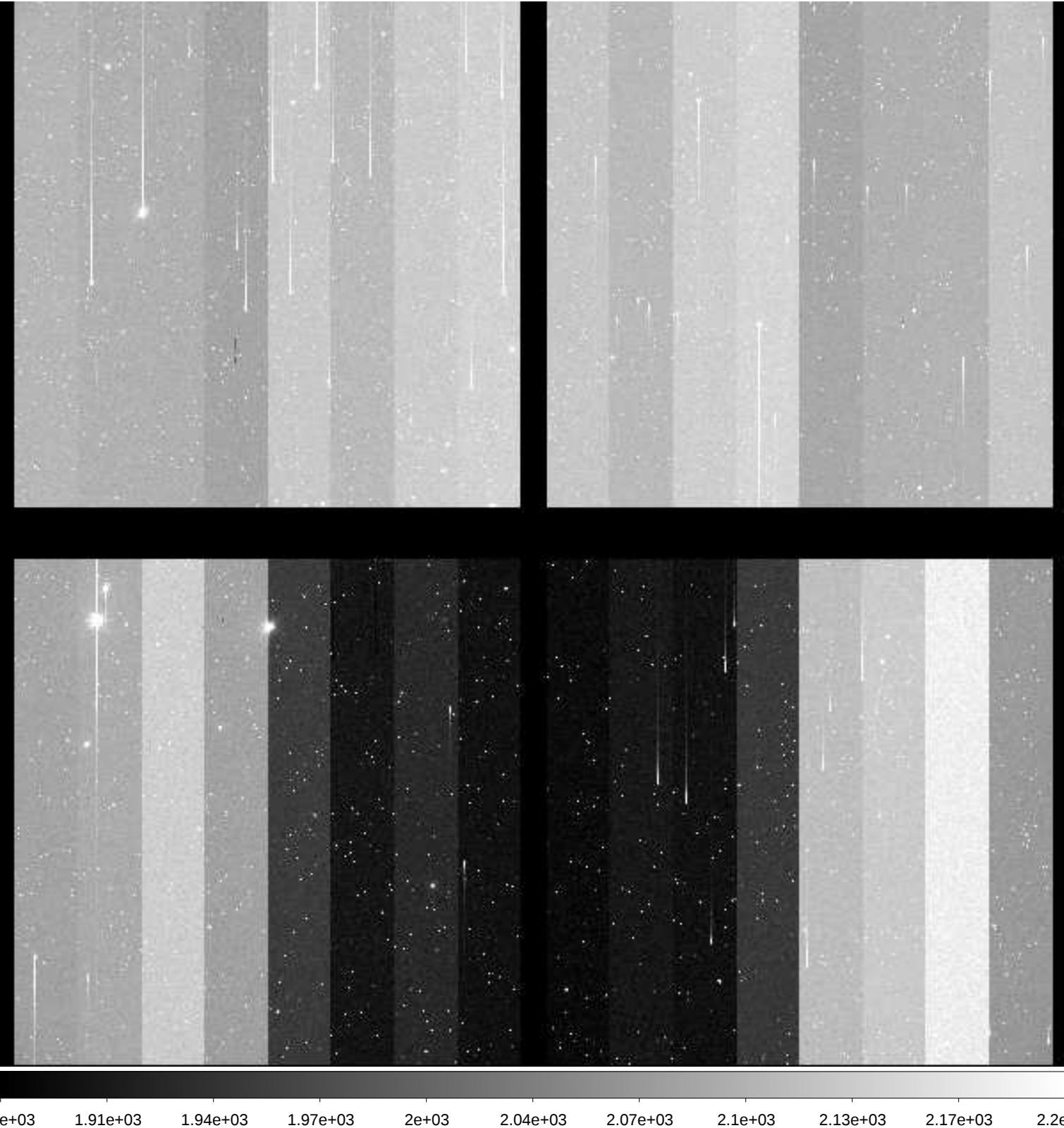
File Name : **xkmtc.20181110.004939.fits** # 91 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.11  
Sidereal Time : 03:34:58  
Filter ID : B  
Observation Date : 2018-11-10T05:01:05  
CCD Temperature : -89.07



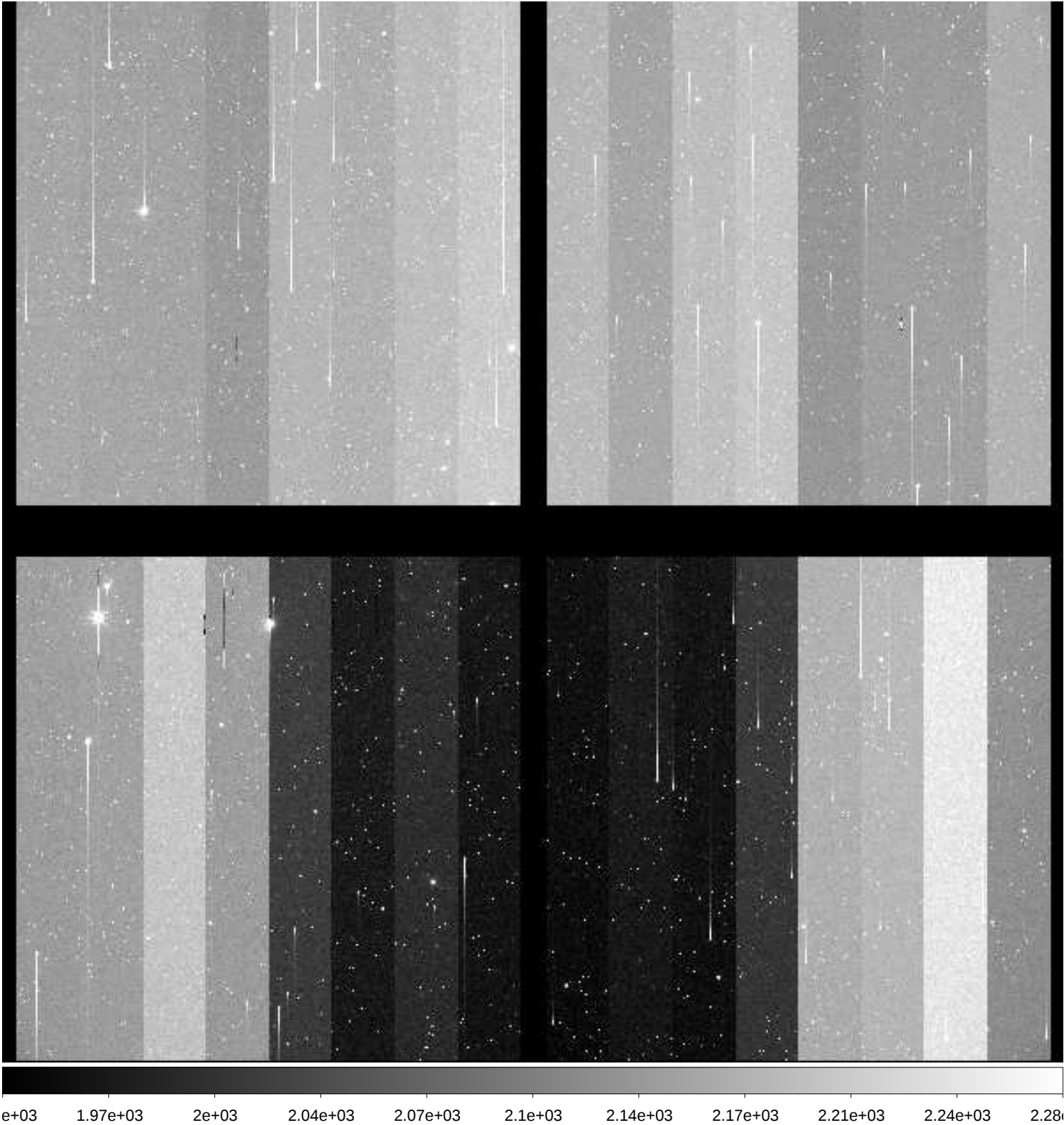
File Name : **xkmtc.20181110.004940.fits** # 92 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.970  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.11  
Sidereal Time : 03:37:54  
Filter ID : V  
Observation Date : 2018-11-10T05:04:01  
CCD Temperature : -87.64



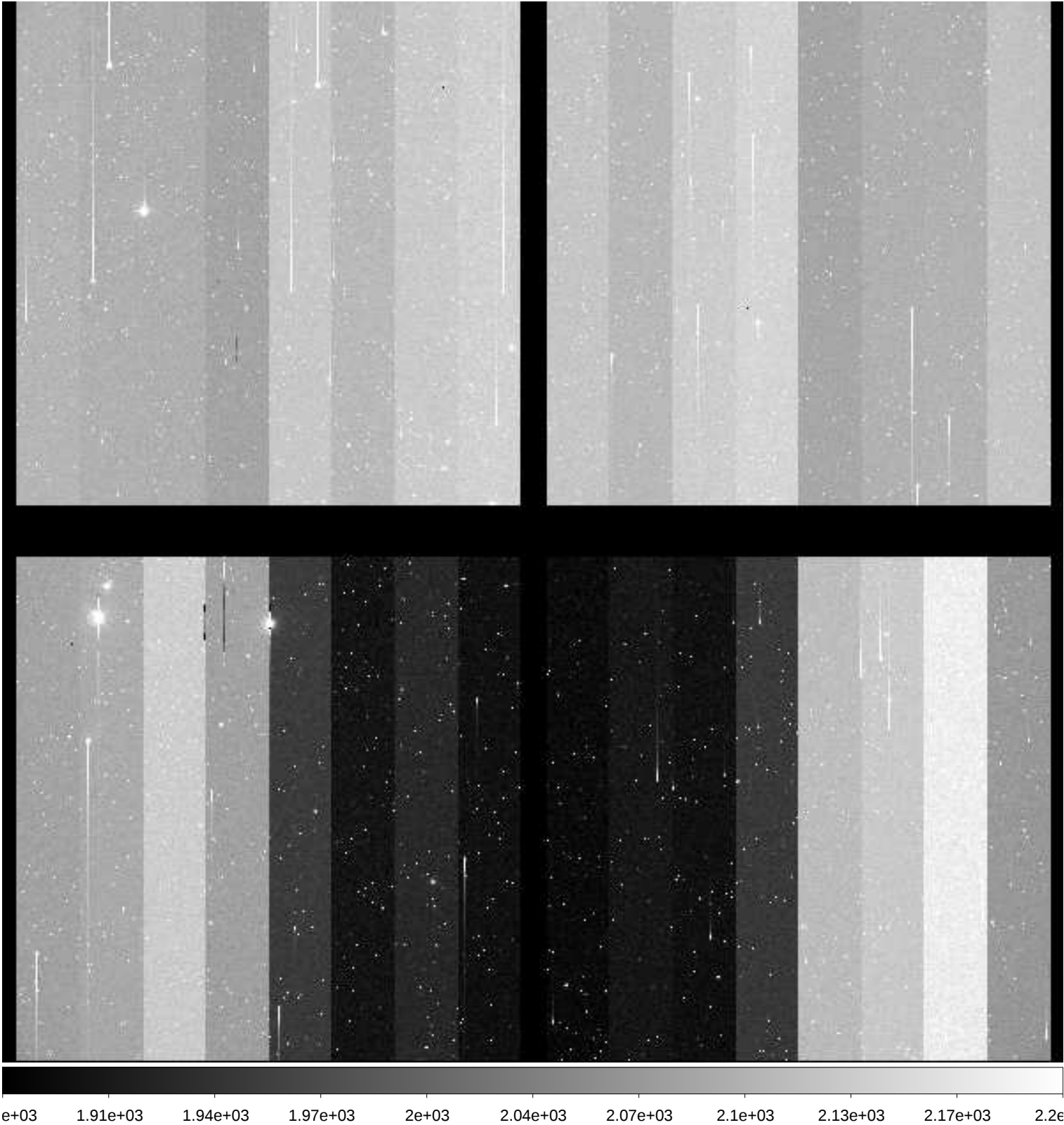
File Name : **xkmtc.20181110.004941.fits** # 93 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.10  
Sidereal Time : 03:40:57  
Filter ID : B  
Observation Date : 2018-11-10T05:07:03  
CCD Temperature : -88.92



File Name : **xkmtc.20181110.004942.fits** # 94 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.09  
Sidereal Time : 03:44:03  
Filter ID : V  
Observation Date : 2018-11-10T05:10:22  
CCD Temperature : -89.03



File Name : **xkmtc.20181110.004943.fits** # 95 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.970  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.09  
Sidereal Time : 03:47:22  
Filter ID : B  
Observation Date : 2018-11-10T05:13:28  
CCD Temperature : -89.18



File Name : xkmtc.20181110.004944.fits # 96 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : col1

RA : 05:33:41.960

DEC : -28:31:48.10

Exposure Time : 120

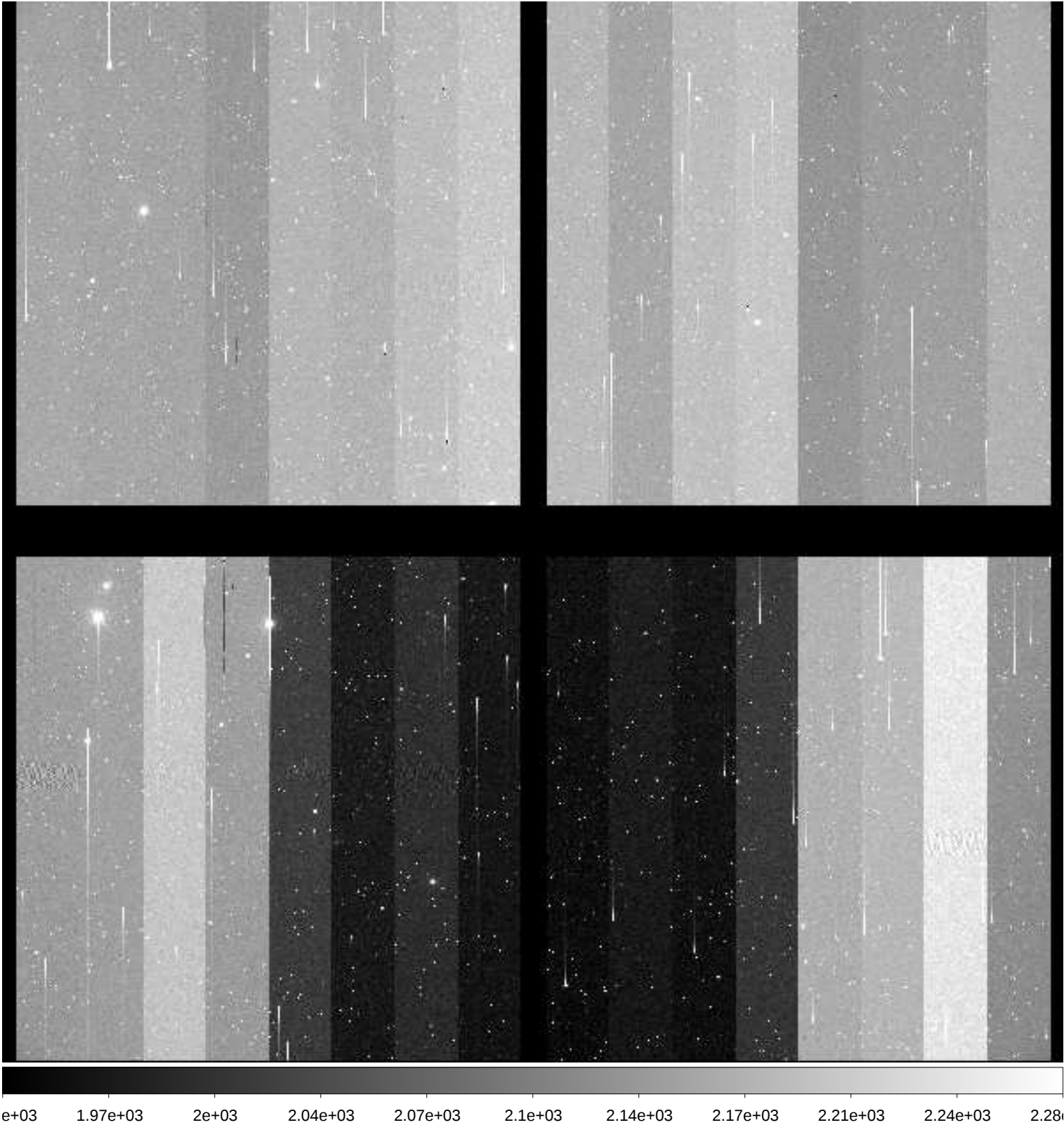
Airmass : 1.08

Sidereal Time : 03:50:20

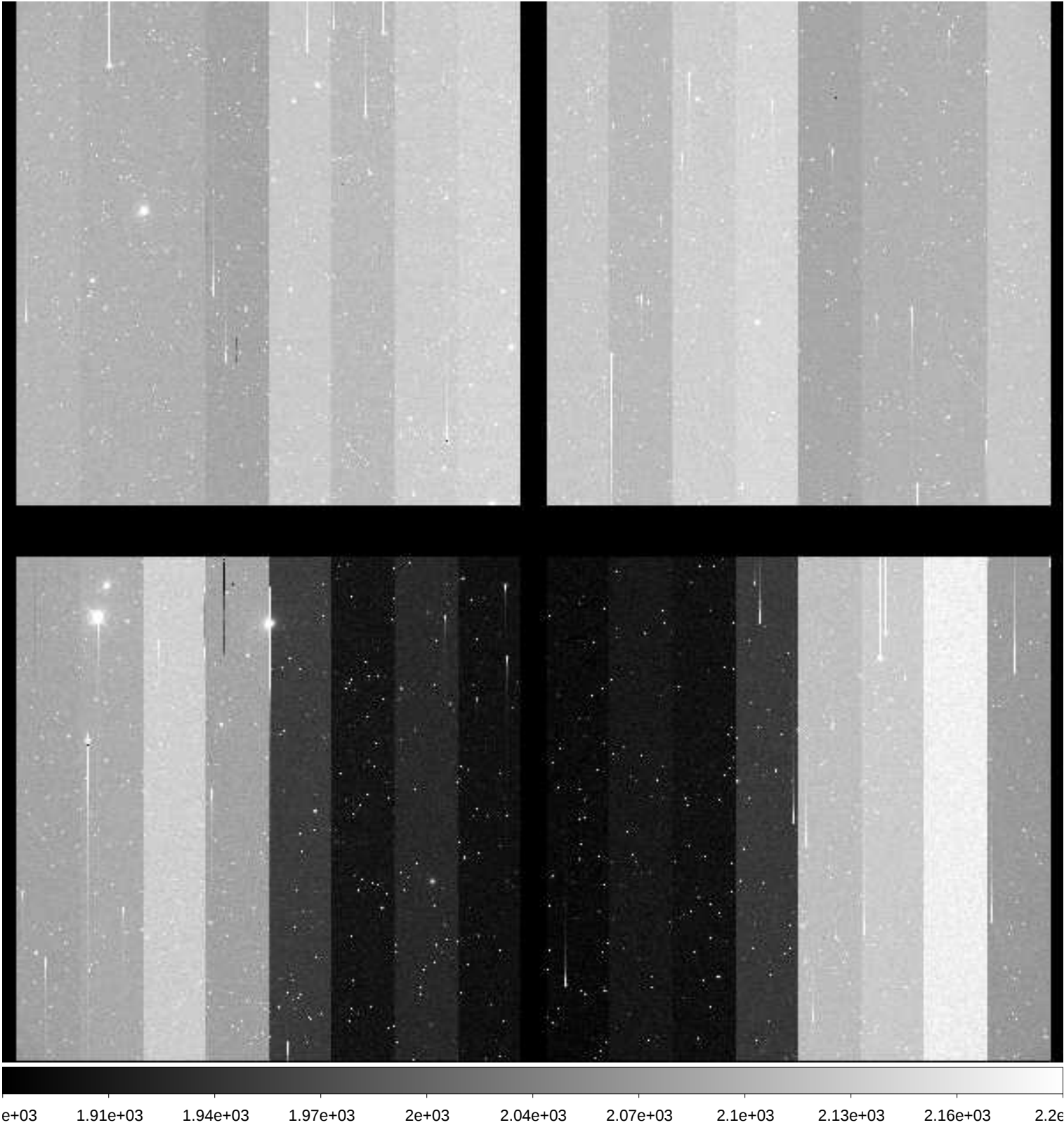
Filter ID : V

Observation Date : 2018-11-10T05:16:24

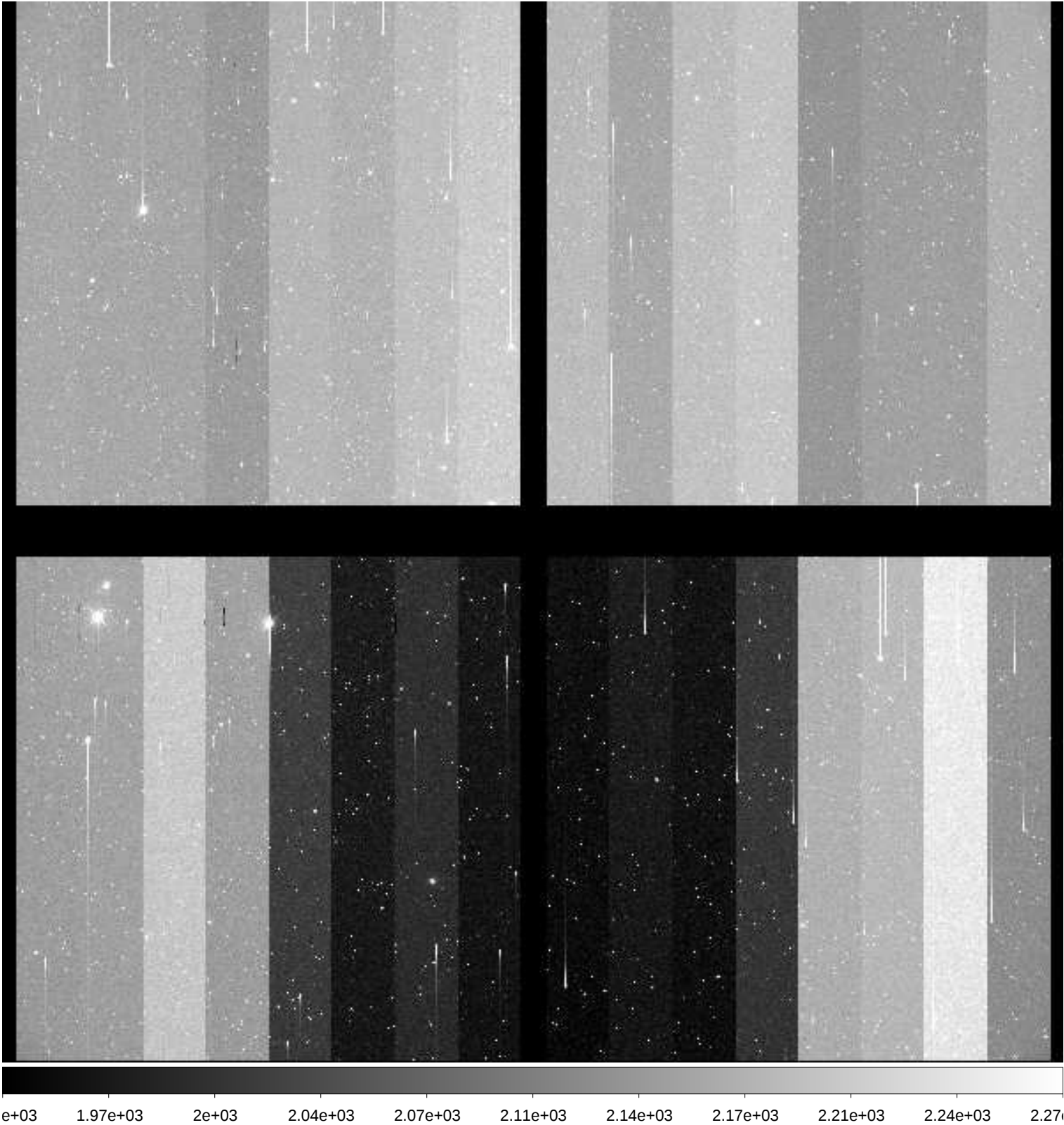
CCD Temperature : -87.74



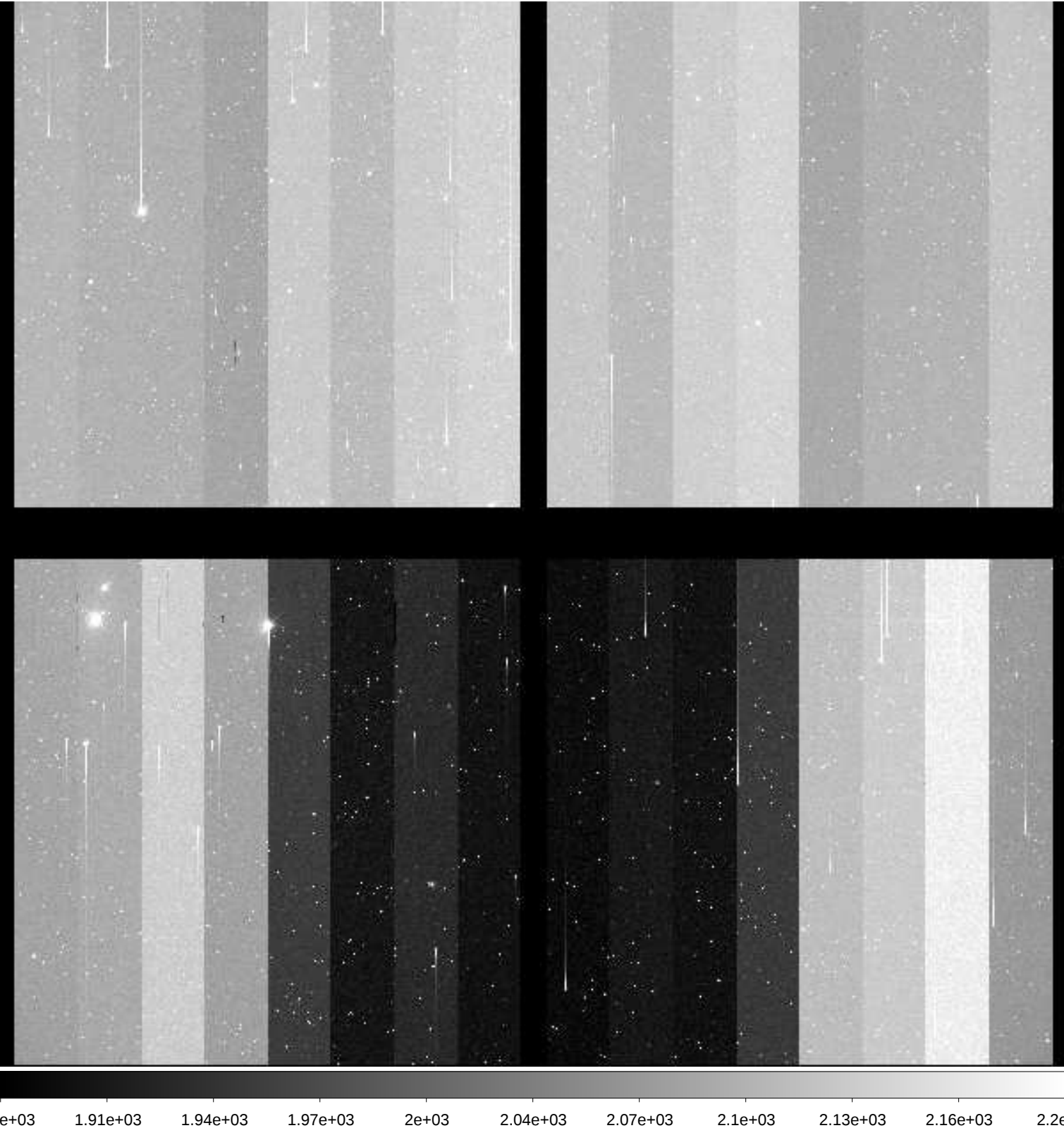
File Name : **xkmtc.20181110.004945.fits** # 97 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.08  
Sidereal Time : 03:53:18  
Filter ID : B  
Observation Date : 2018-11-10T05:19:34  
CCD Temperature : -89.03



File Name : **xkmtc.20181110.004946.fits** # 98 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.970  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.07  
Sidereal Time : 03:56:26  
Filter ID : V  
Observation Date : 2018-11-10T05:22:29  
CCD Temperature : -87.7



File Name : **xkmtc.20181110.004947.fits** # 99 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.07  
Sidereal Time : 03:59:22  
Filter ID : B  
Observation Date : 2018-11-10T05:25:25  
CCD Temperature : -89.02



File Name : **xkmtc.20181110.004948.fits** # 100 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **col1**

RA : 05:33:41.940

DEC : -28:31:48.10

Exposure Time : 120

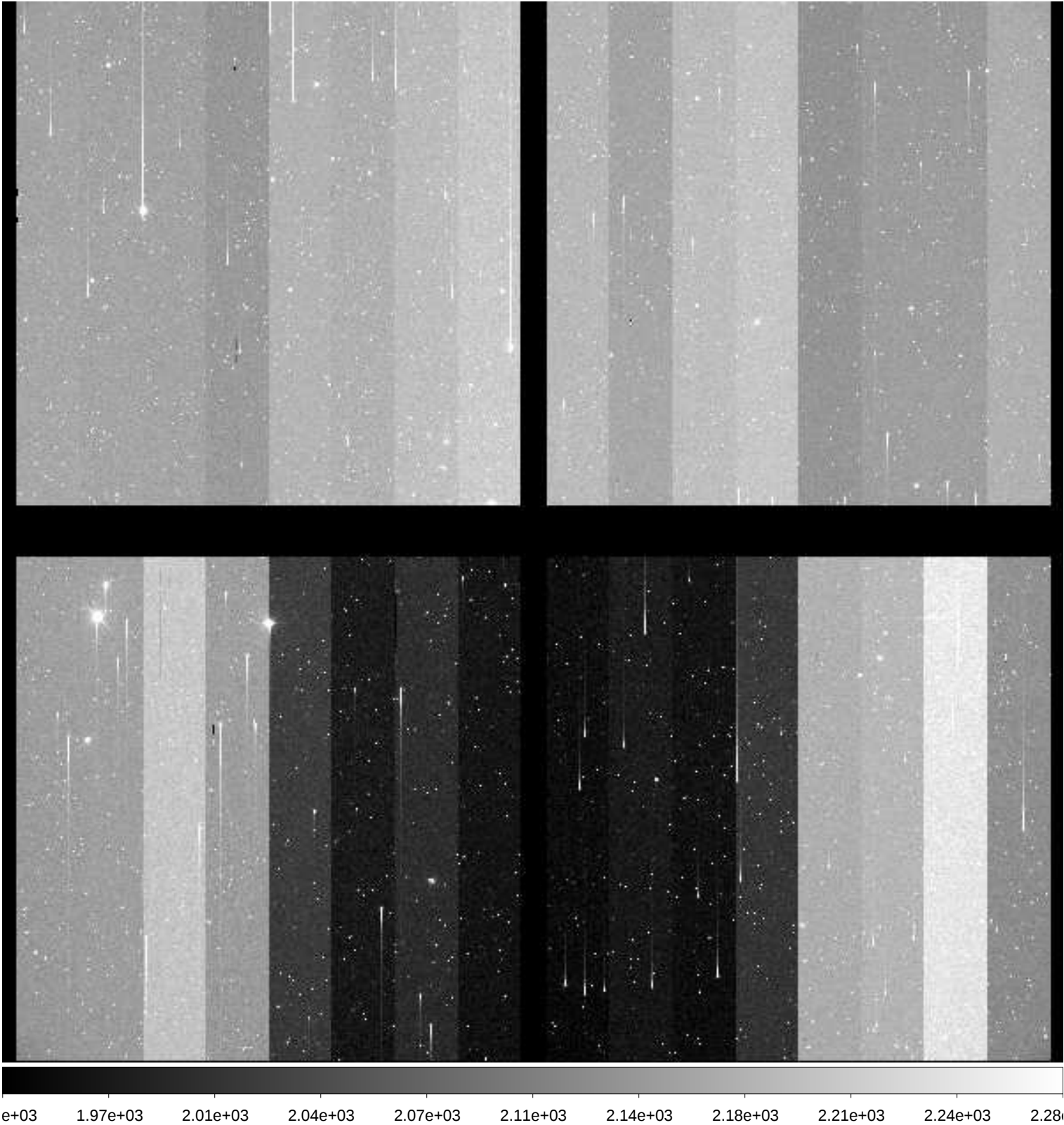
Airmass : 1.06

Sidereal Time : 04:02:25

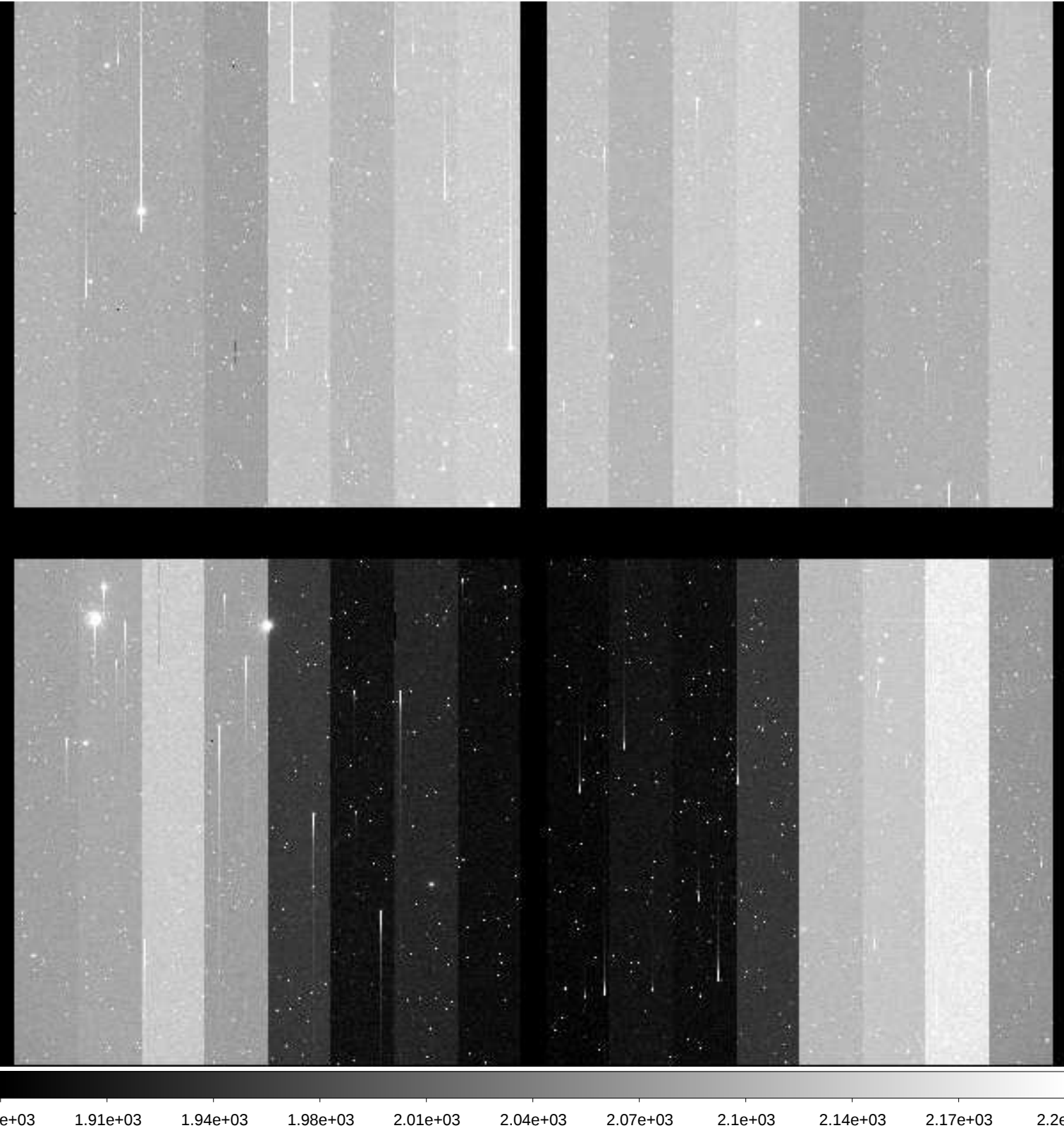
Filter ID : V

Observation Date : 2018-11-10T05:28:28

CCD Temperature : -89.22



File Name : **xkmtc.20181110.004949.fits** # 101 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.940  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.06  
Sidereal Time : 04:05:23  
Filter ID : B  
Observation Date : 2018-11-10T05:31:25  
CCD Temperature : -89.27



File Name : **xkmtc.20181110.004950.fits** # 102 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **col1**

RA : 05:33:41.950

DEC : -28:31:48.10

Exposure Time : 120

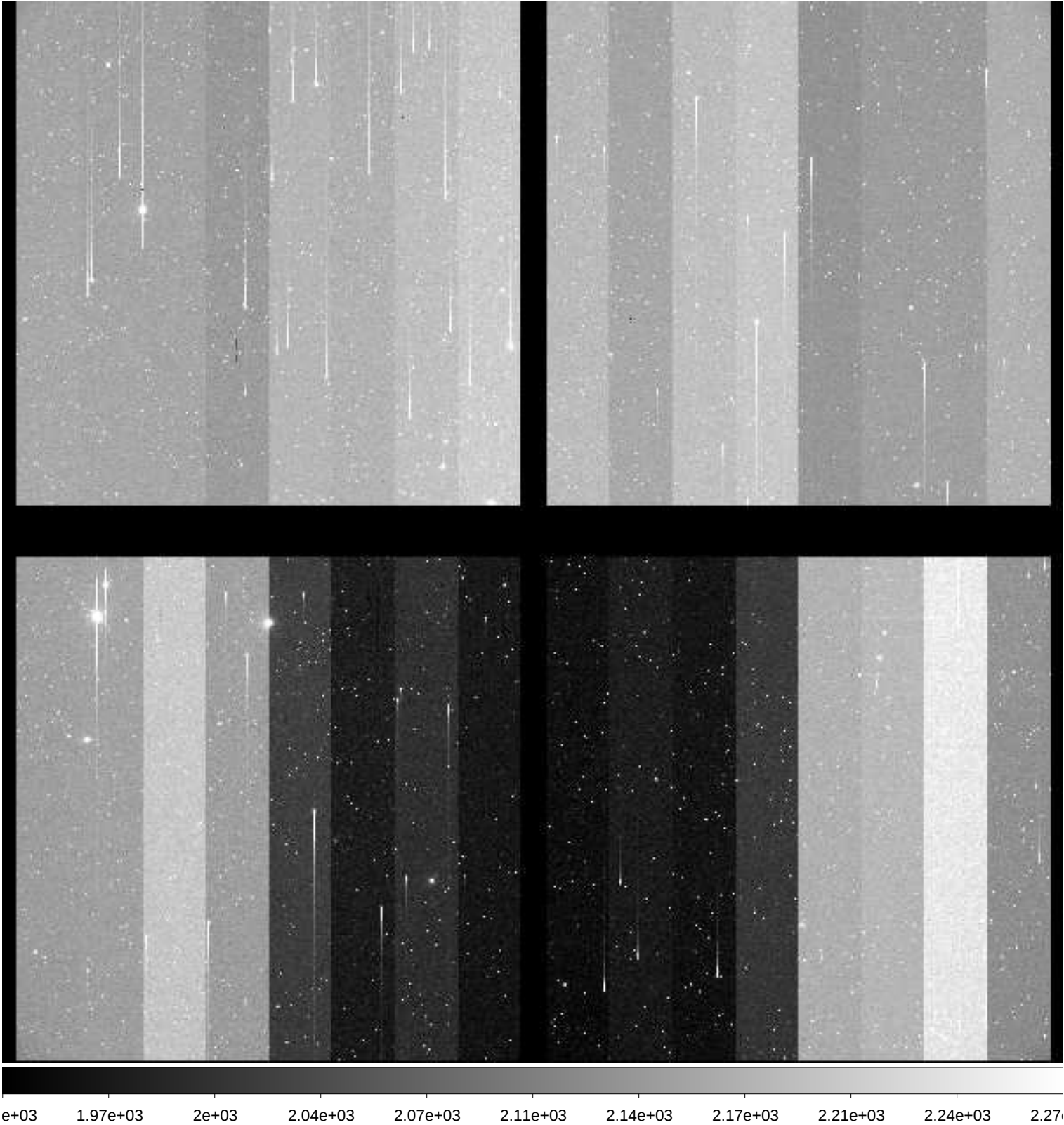
Airmass : 1.06

Sidereal Time : 04:08:30

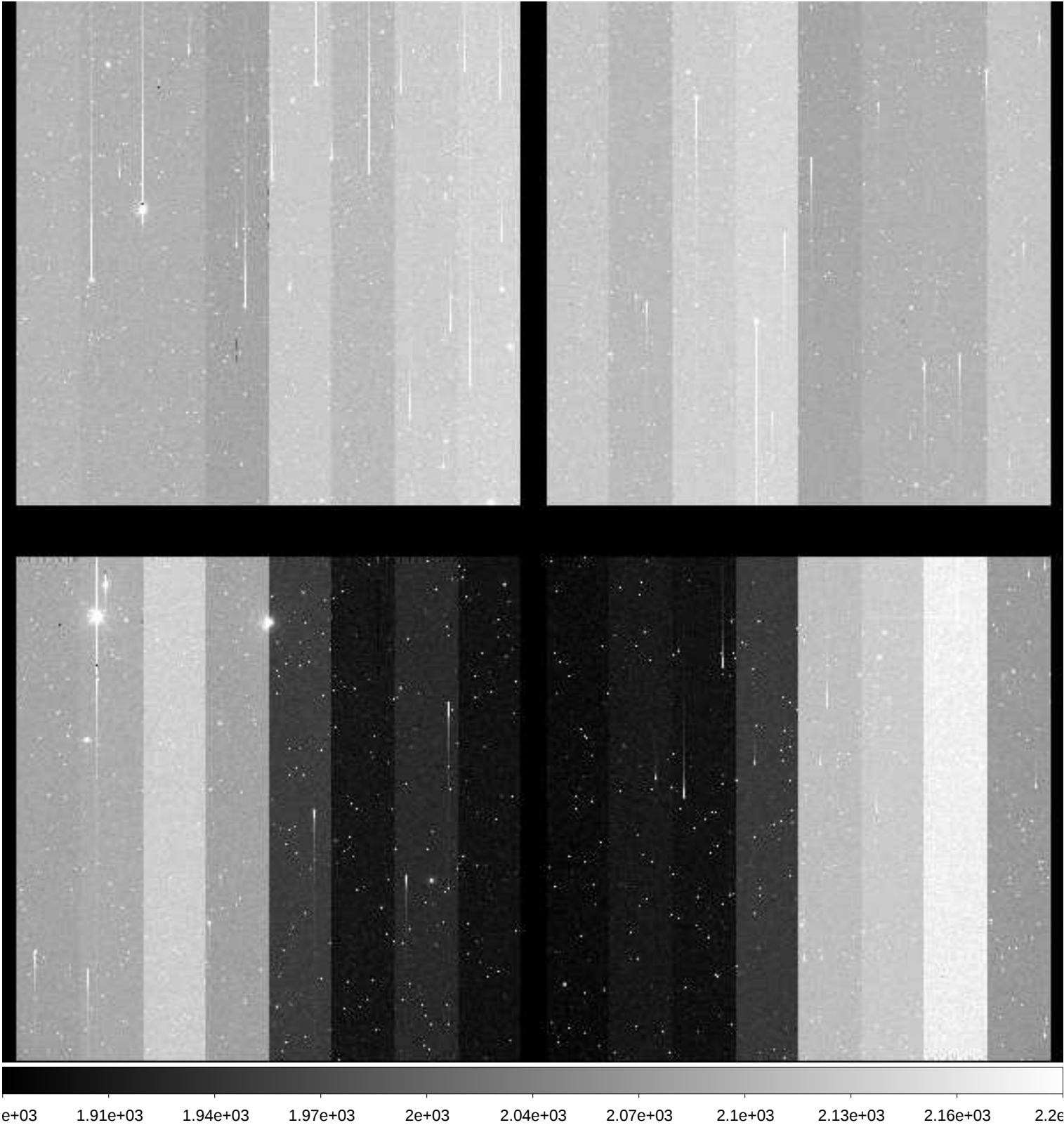
Filter ID : V

Observation Date : 2018-11-10T05:34:31

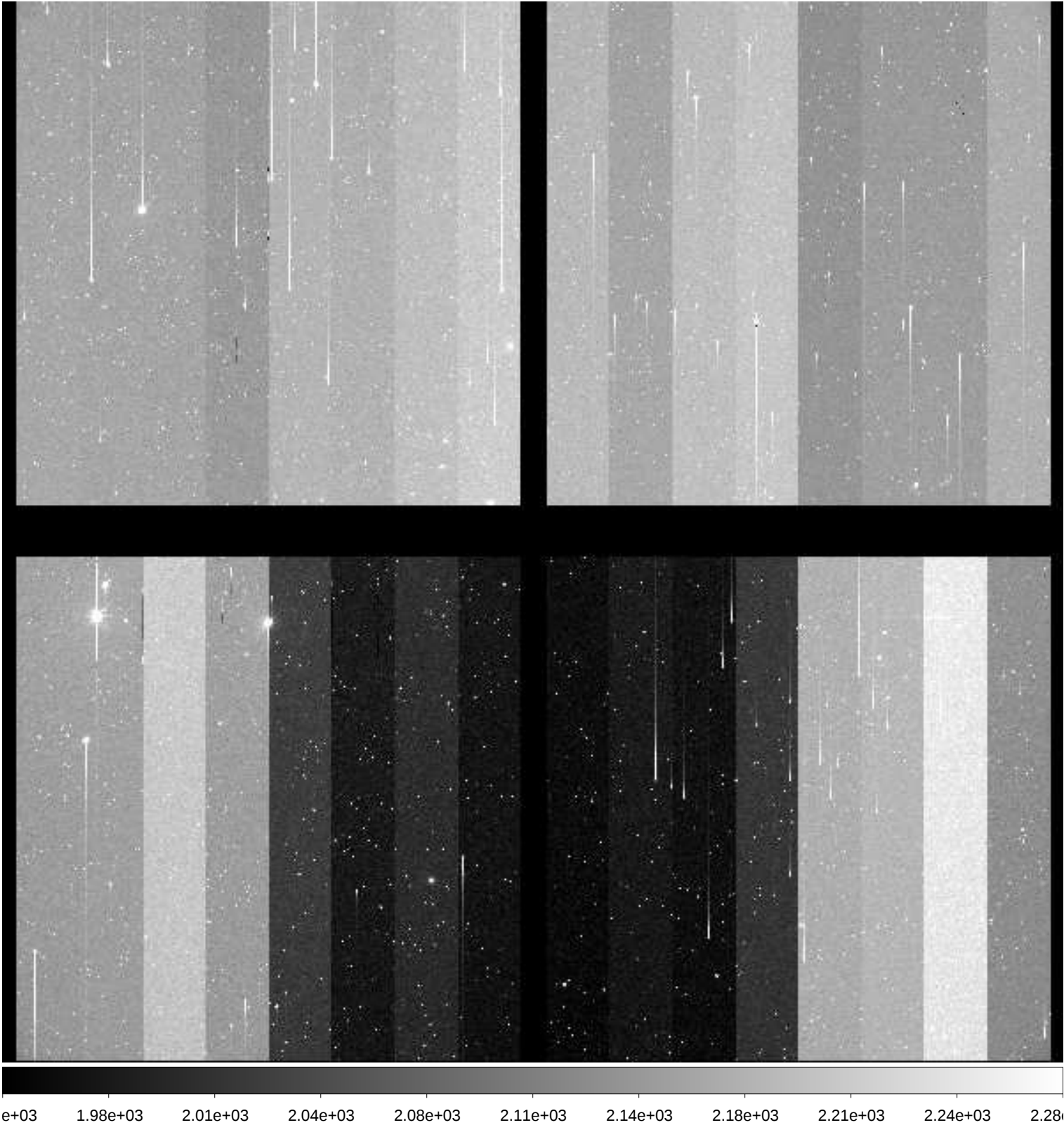
CCD Temperature : -89.36



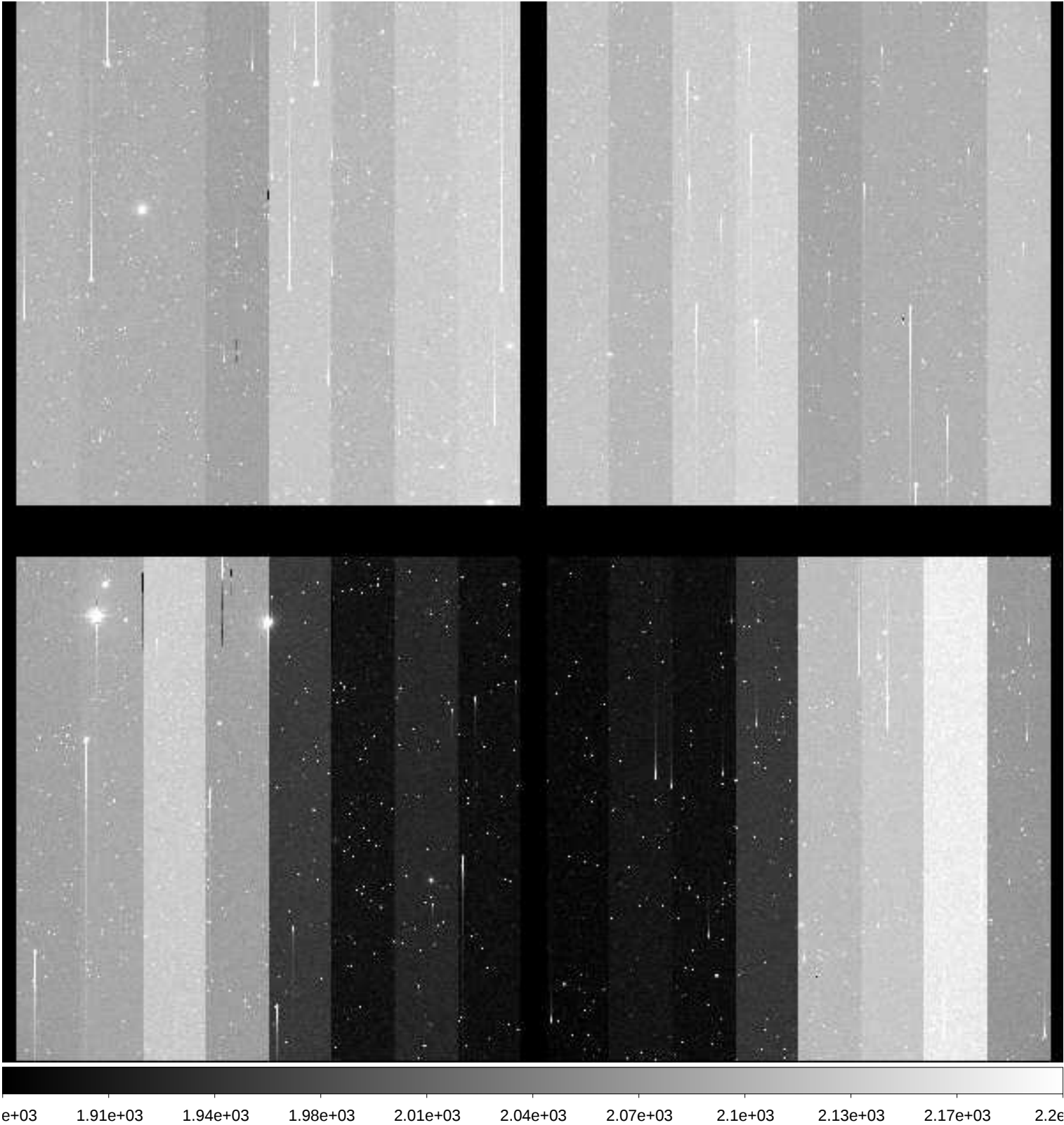
File Name : **xkmtc.20181110.004951.fits** # 103 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.970  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.05  
Sidereal Time : 04:11:27  
Filter ID : B  
Observation Date : 2018-11-10T05:37:28  
CCD Temperature : -89.38



File Name : **xkmtc.20181110.004952.fits** # 104 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.970  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.05  
Sidereal Time : 04:14:25  
Filter ID : V  
Observation Date : 2018-11-10T05:40:38  
CCD Temperature : -89.44



File Name : **xkmtc.20181110.004953.fits** # 105 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.04  
Sidereal Time : 04:17:34  
Filter ID : B  
Observation Date : 2018-11-10T05:43:34  
CCD Temperature : -89.49



File Name : xkmtc.20181110.004954.fits # 106 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : col1

RA : 05:33:41.970

DEC : -28:31:48.00

Exposure Time : 120

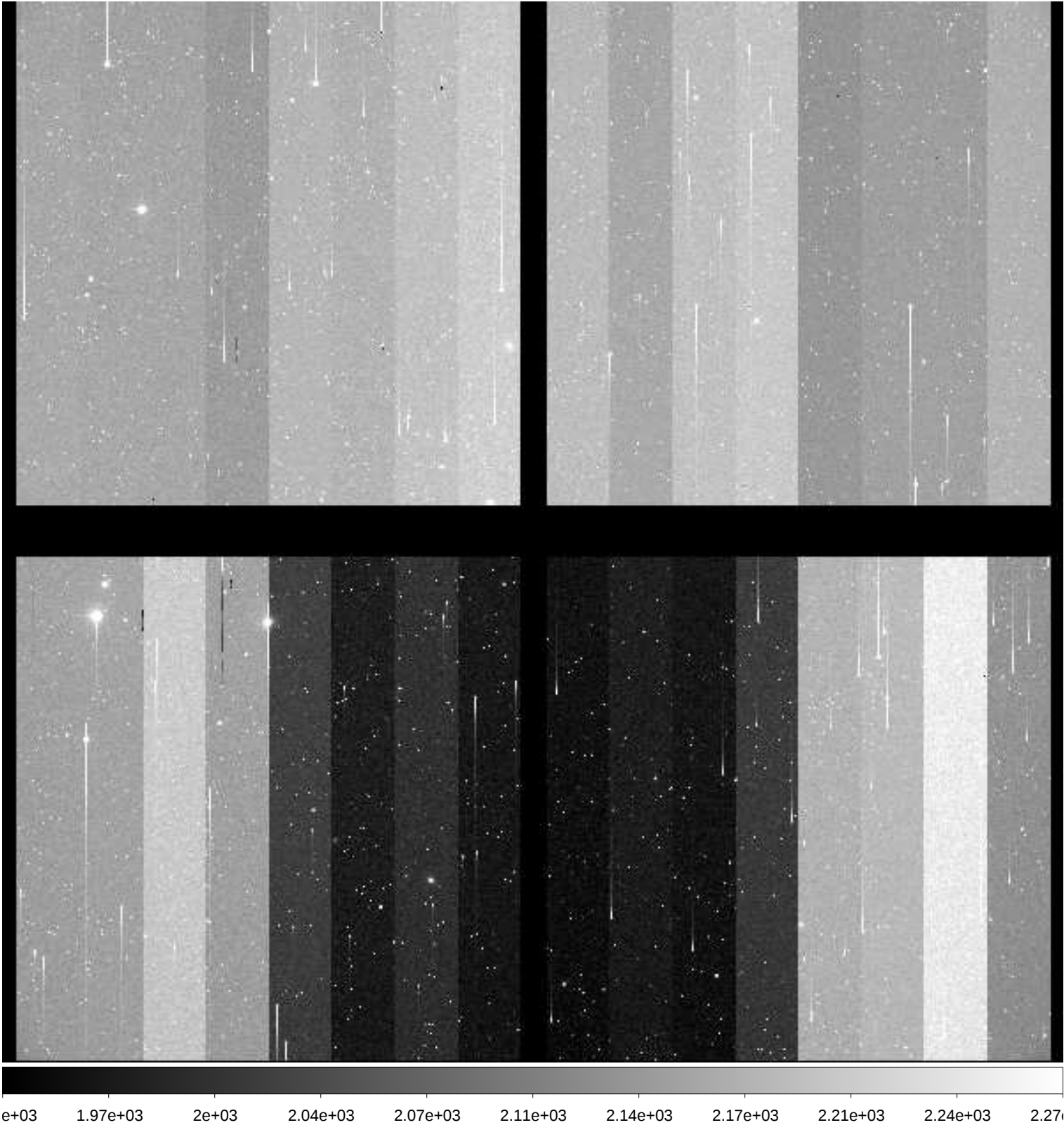
Airmass : 1.04

Sidereal Time : 04:20:35

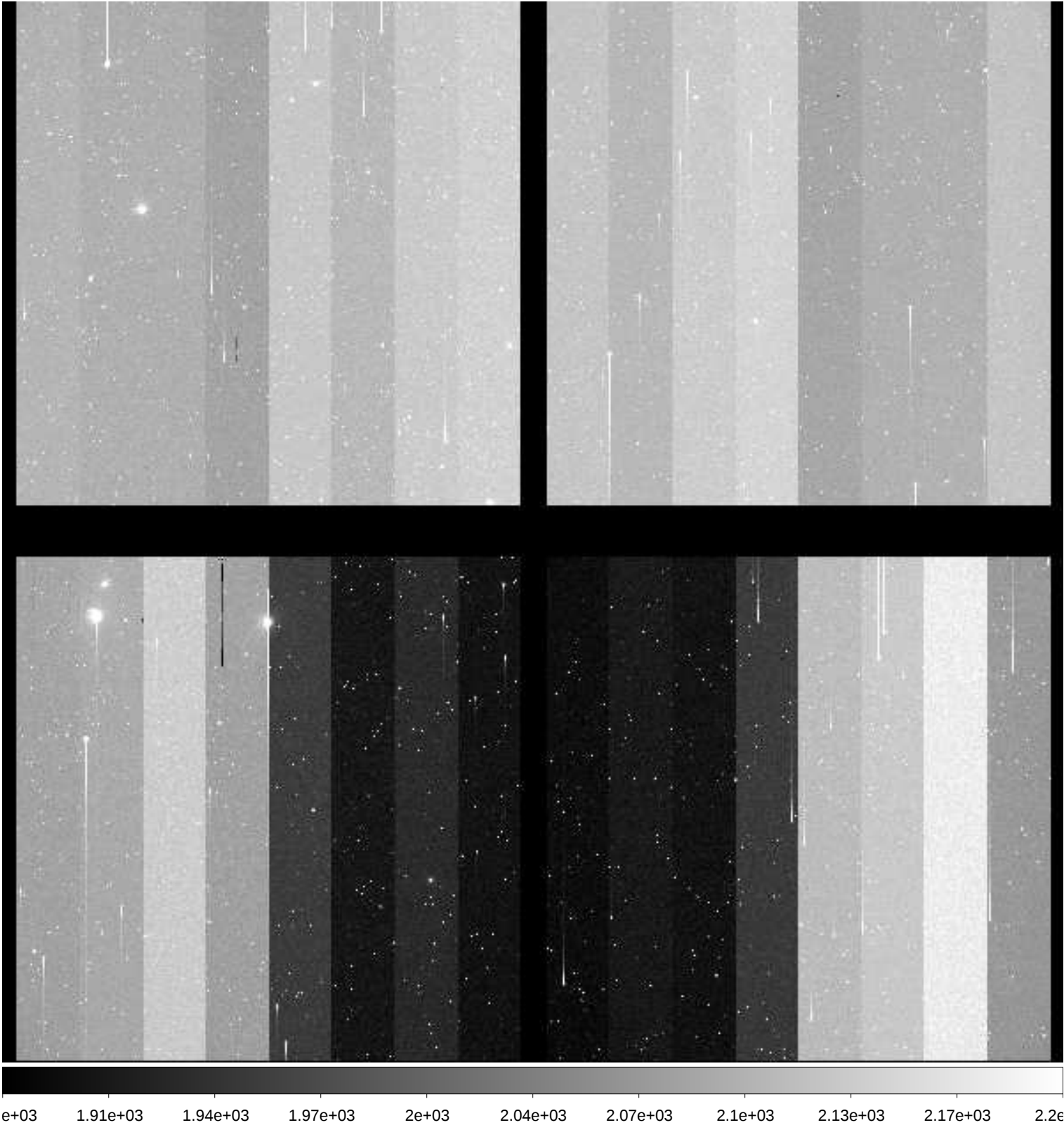
Filter ID : V

Observation Date : 2018-11-10T05:46:46

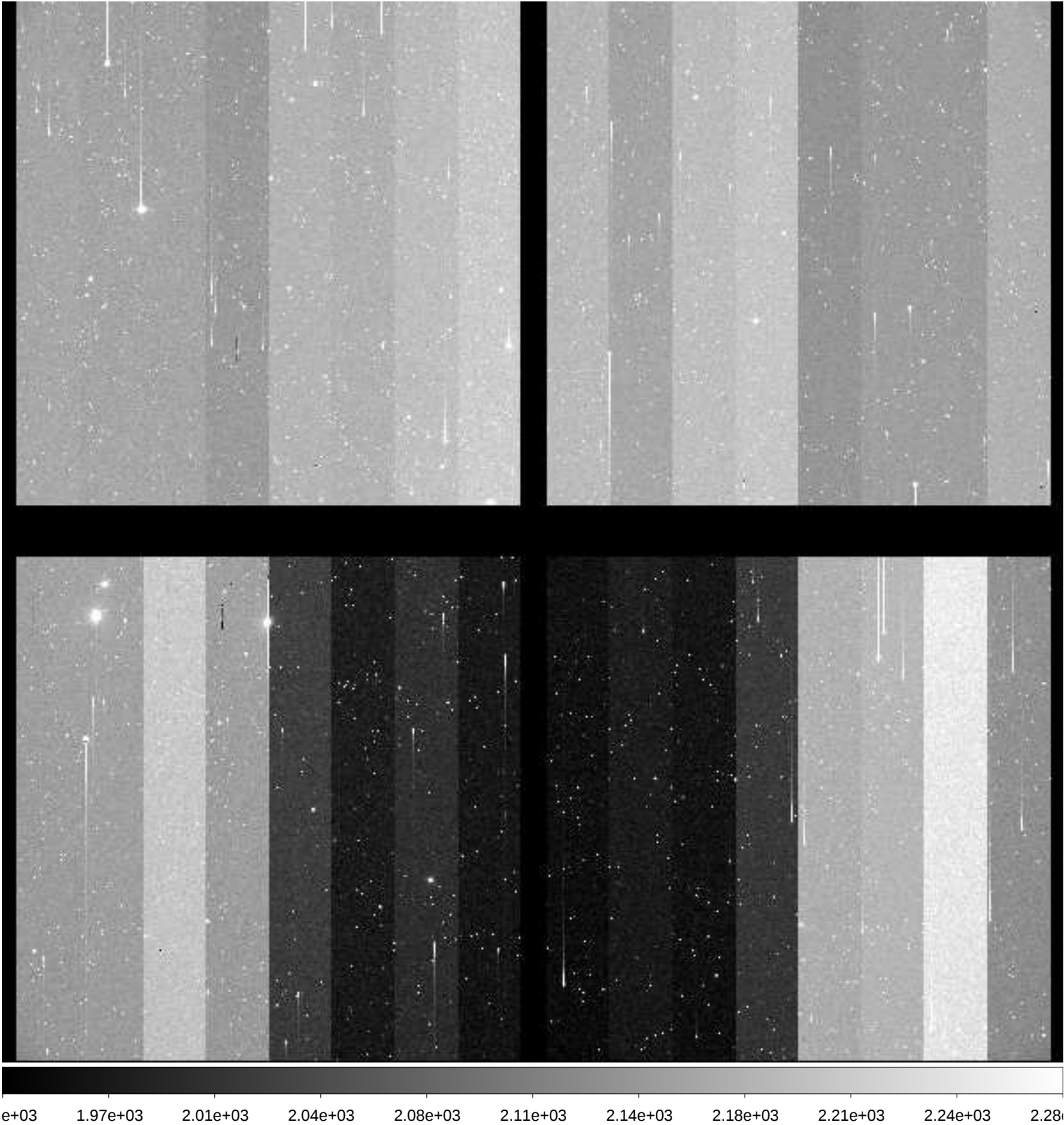
CCD Temperature : -89.53



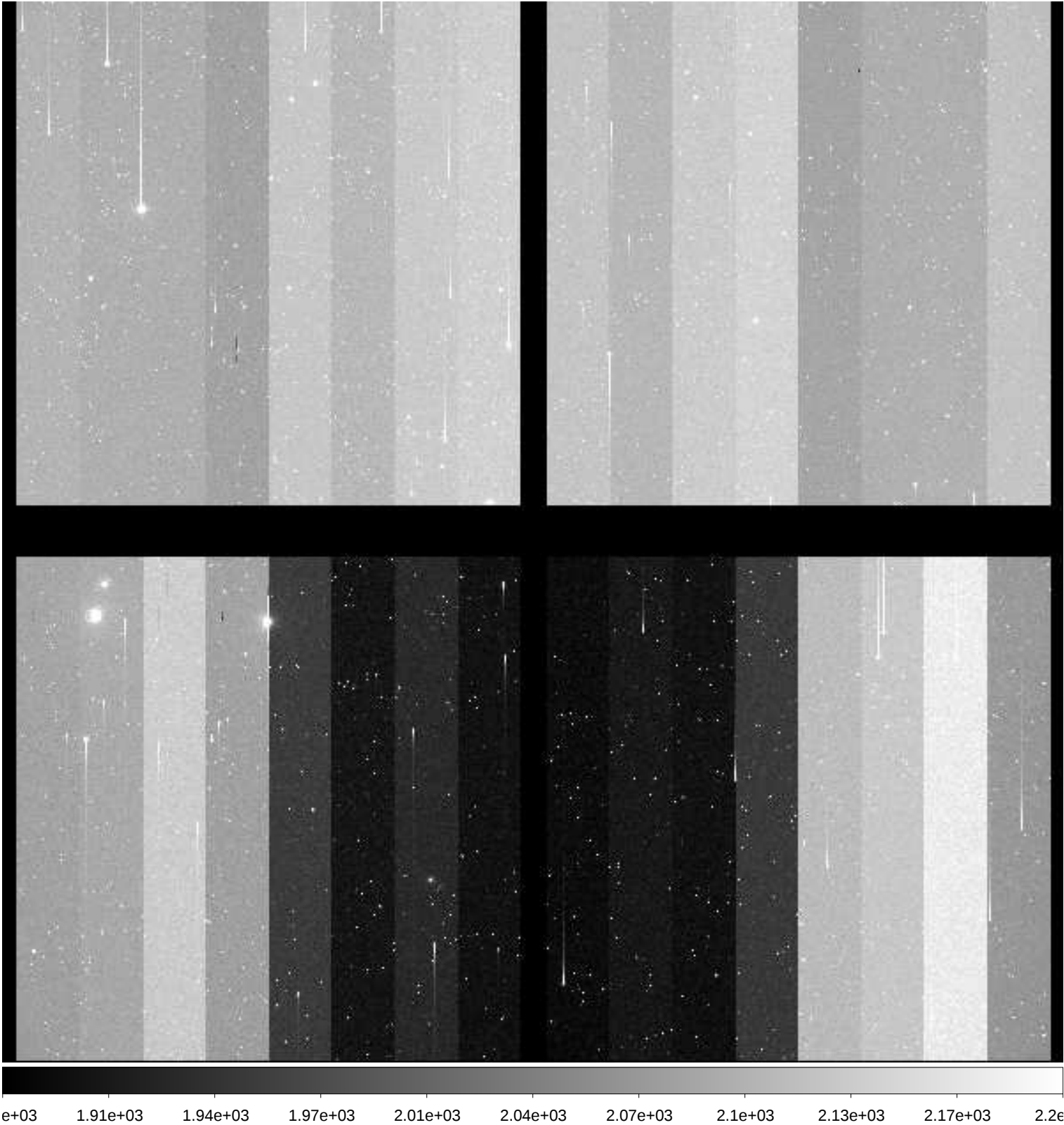
File Name : **xkmtc.20181110.004955.fits** # 107 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.04  
Sidereal Time : 04:23:49  
Filter ID : B  
Observation Date : 2018-11-10T05:50:01  
CCD Temperature : -89.57



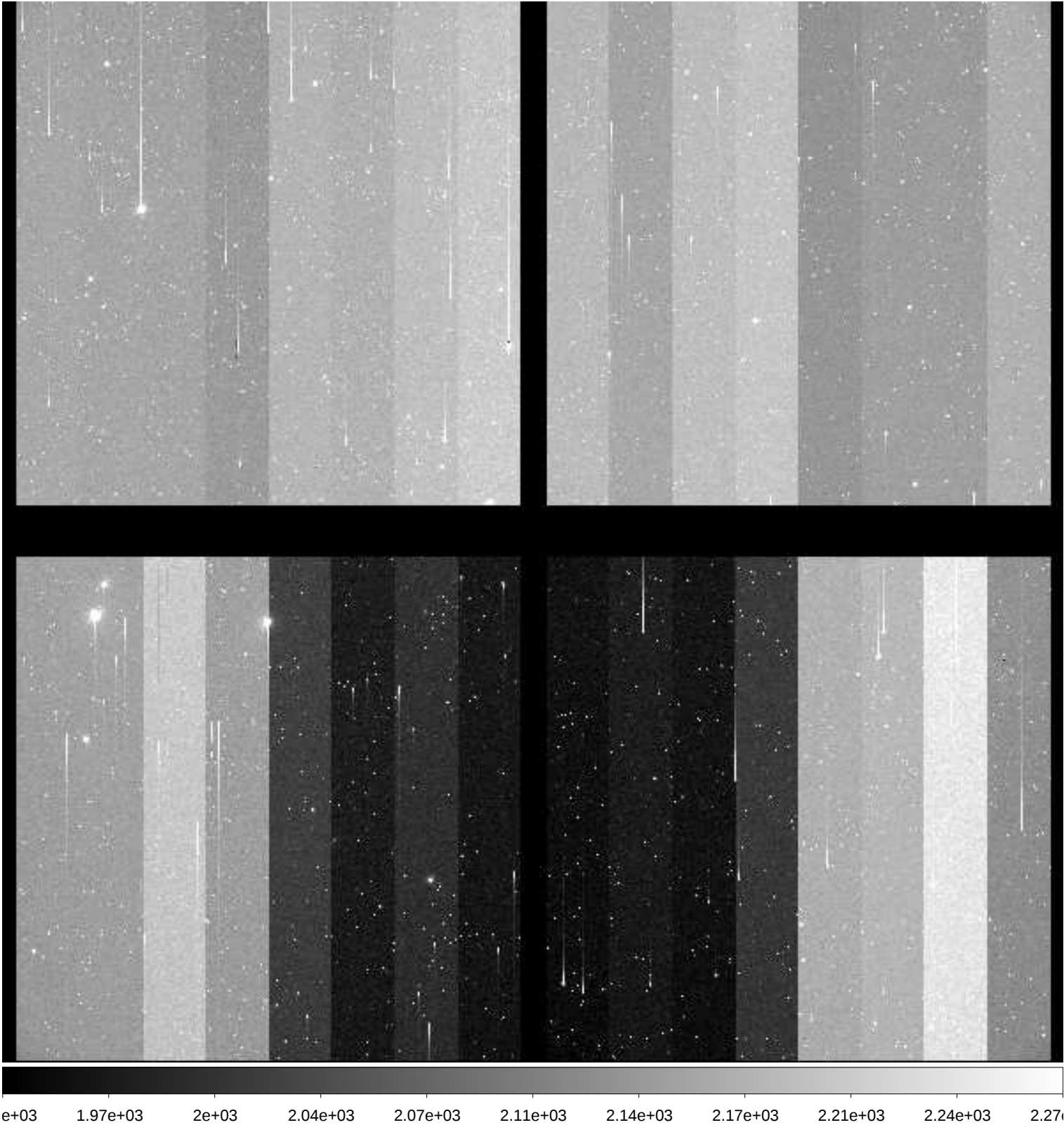
File Name : **xkmtc.20181110.004956.fits** # 108 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **coll**  
RA : 05:33:41.950  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.03  
Sidereal Time : 04:27:06  
Filter ID : V  
Observation Date : 2018-11-10T05:53:14  
CCD Temperature : -89.6



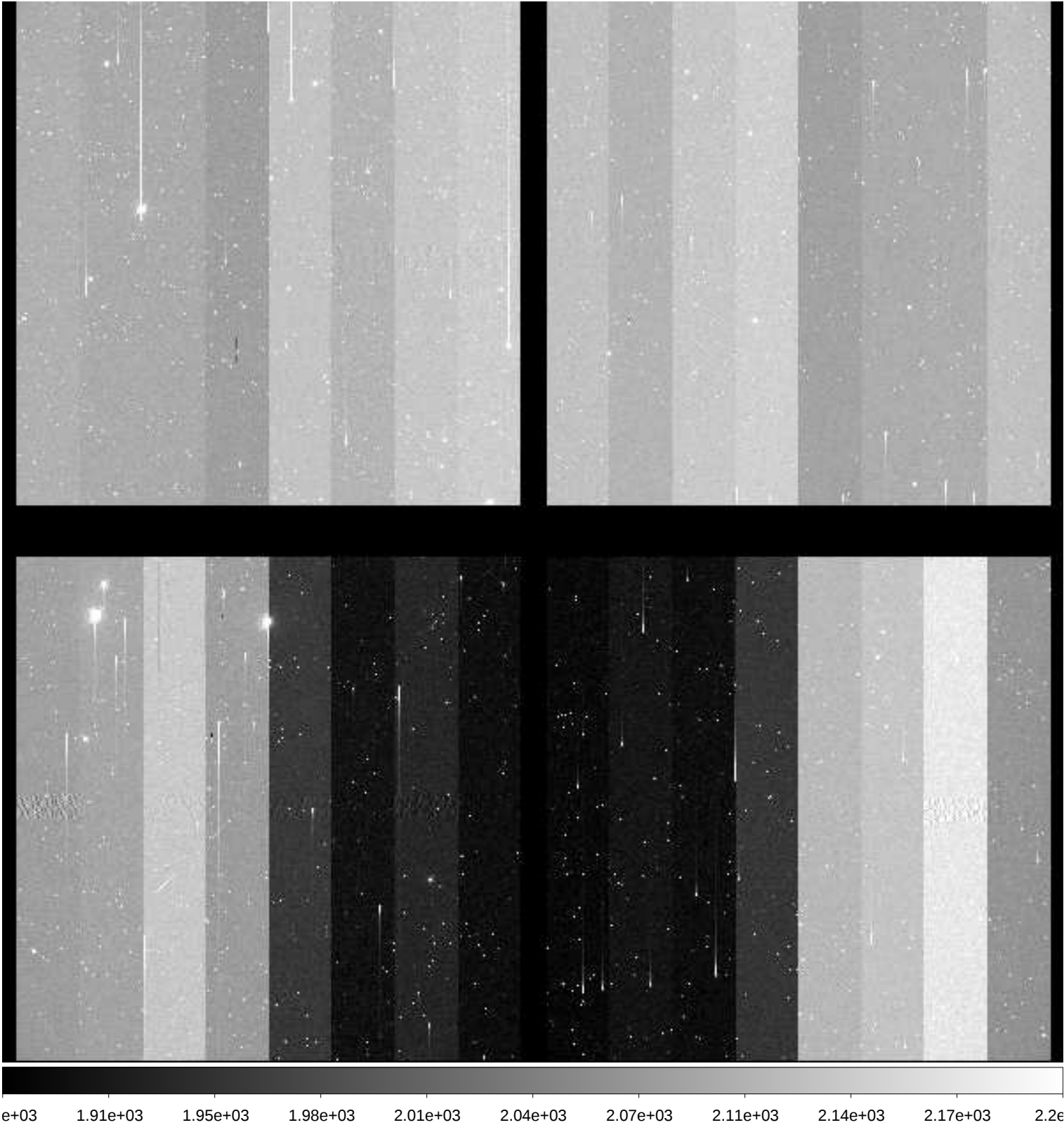
File Name : **xkmtc.20181110.004957.fits** # 109 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.03  
Sidereal Time : 04:30:20  
Filter ID : B  
Observation Date : 2018-11-10T05:56:31  
CCD Temperature : -89.63



File Name : **xkmtc.20181110.004958.fits** # 110 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.970  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.03  
Sidereal Time : 04:33:38  
Filter ID : V  
Observation Date : 2018-11-10T05:59:35  
CCD Temperature : -89.7



File Name : **xkmtc.20181110.004959.fits** # 111 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.02  
Sidereal Time : 04:36:34  
Filter ID : B  
Observation Date : 2018-11-10T06:02:44  
CCD Temperature : -89.69



File Name : **xkmtc.20181110.004960.fits** # 112 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **col1**

RA : 05:33:41.960

DEC : -28:31:48.10

Exposure Time : 120

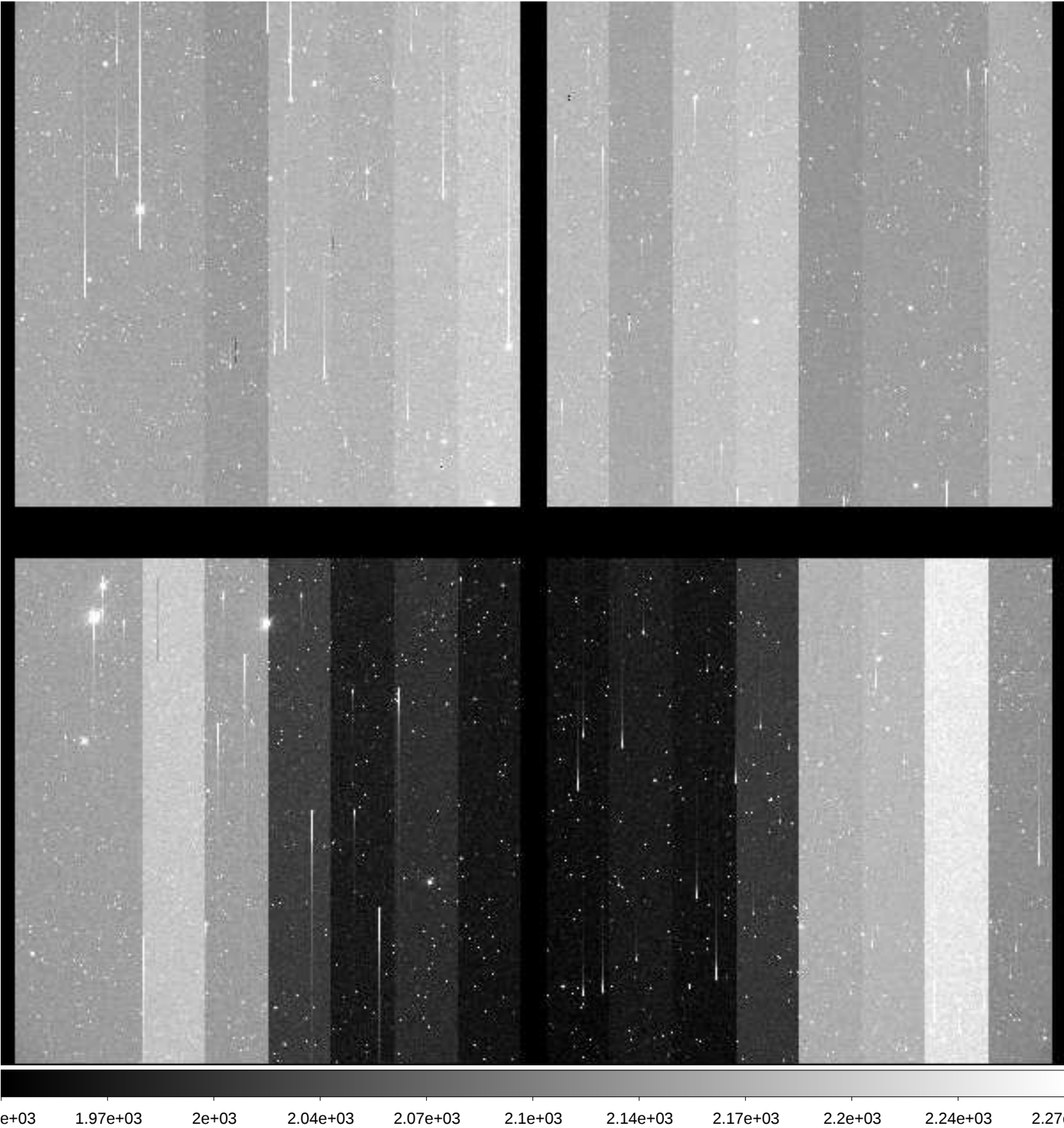
Airmass : 1.02

Sidereal Time : 04:39:53

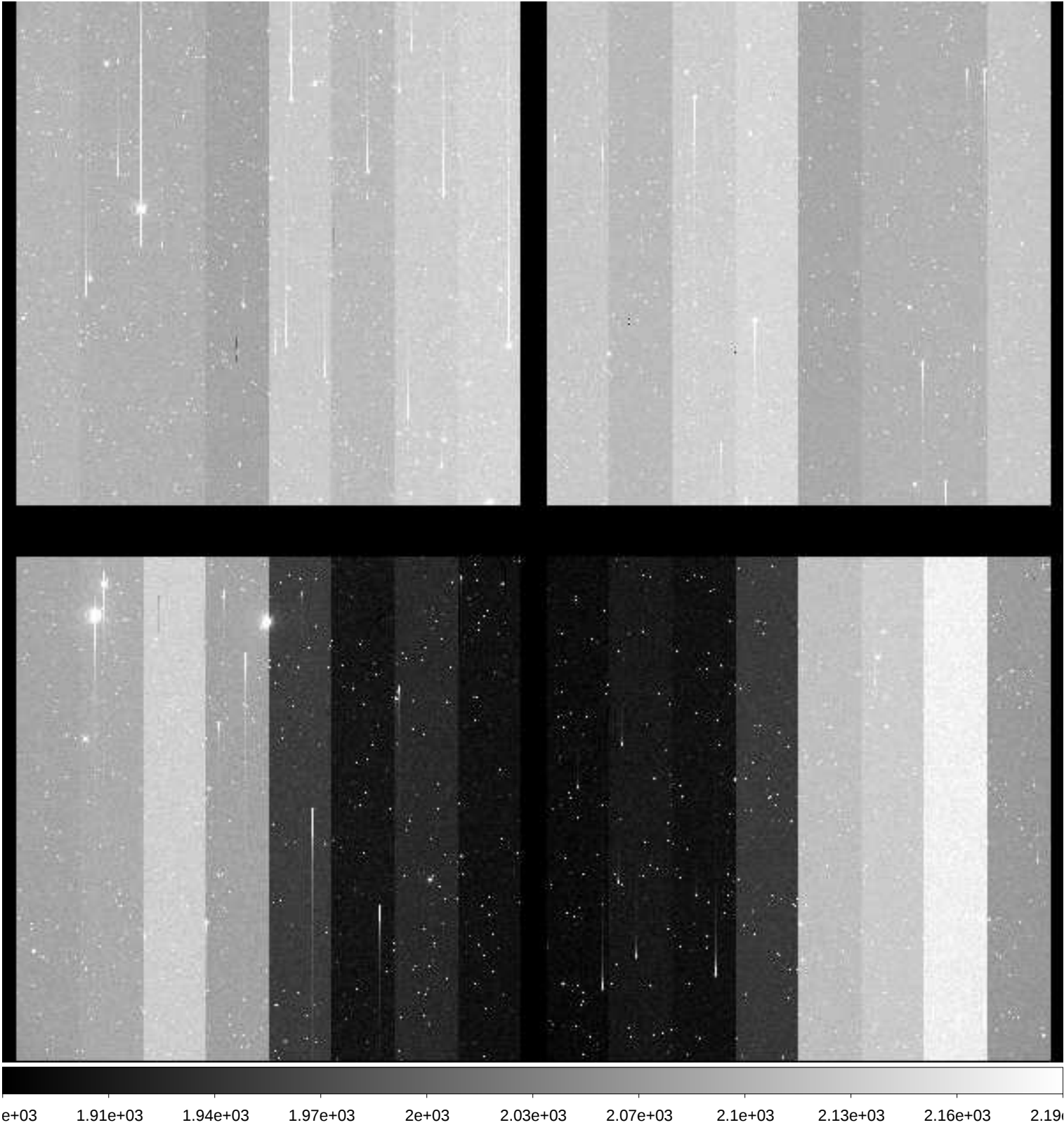
Filter ID : V

Observation Date : 2018-11-10T06:06:02

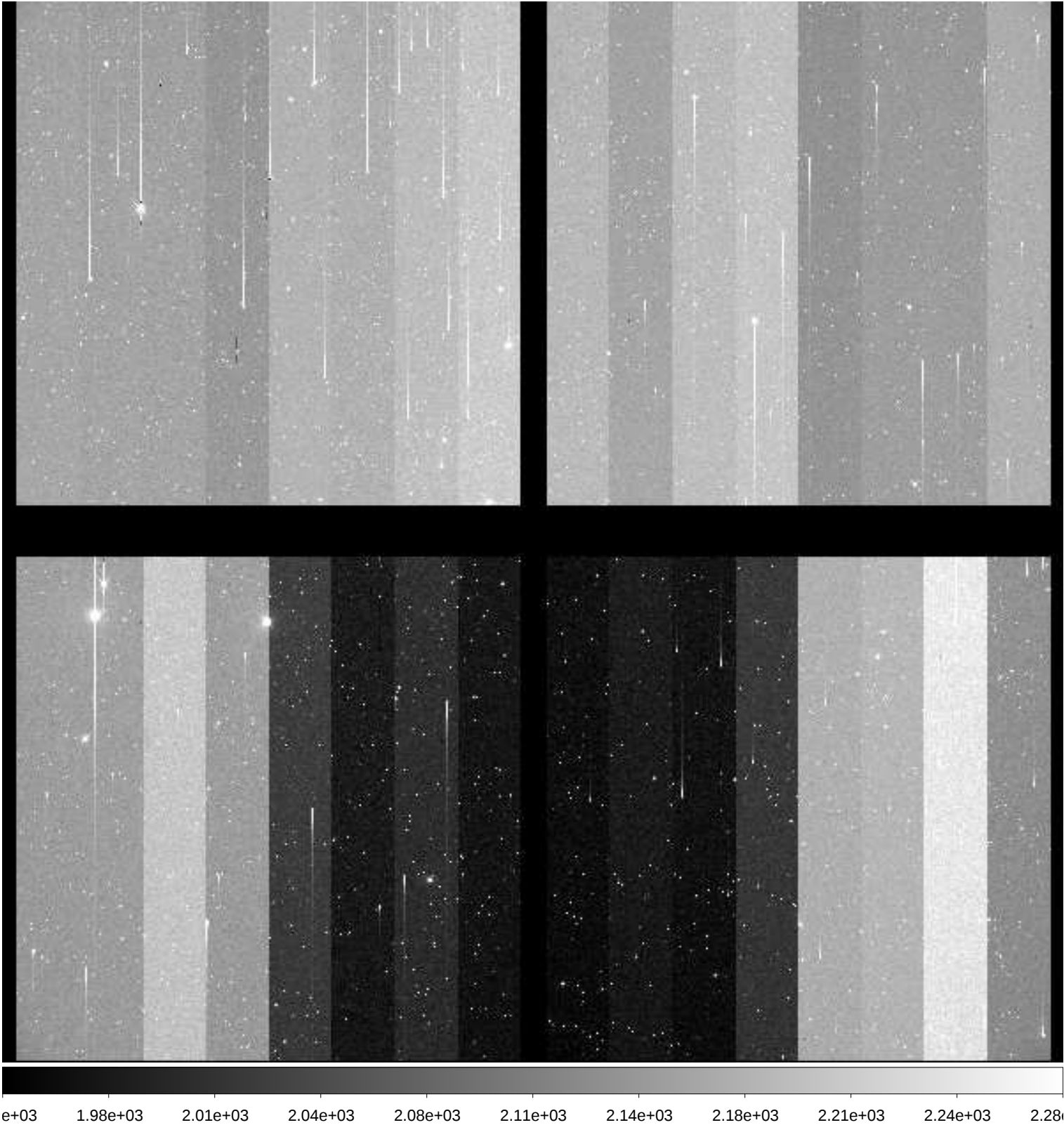
CCD Temperature : -89.68



File Name : **xkmtc.20181110.004961.fits** # 113 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.02  
Sidereal Time : 04:43:05  
Filter ID : B  
Observation Date : 2018-11-10T06:09:14  
CCD Temperature : -89.72



File Name : **xkmtc.20181110.004962.fits** # 114 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.02  
Sidereal Time : 04:46:14  
Filter ID : V  
Observation Date : 2018-11-10T06:12:23  
CCD Temperature : -89.75



File Name : **xkmtc.20181110.004963.fits** # 115 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **col1**

RA : 05:33:41.950

DEC : -28:31:48.10

Exposure Time : 120

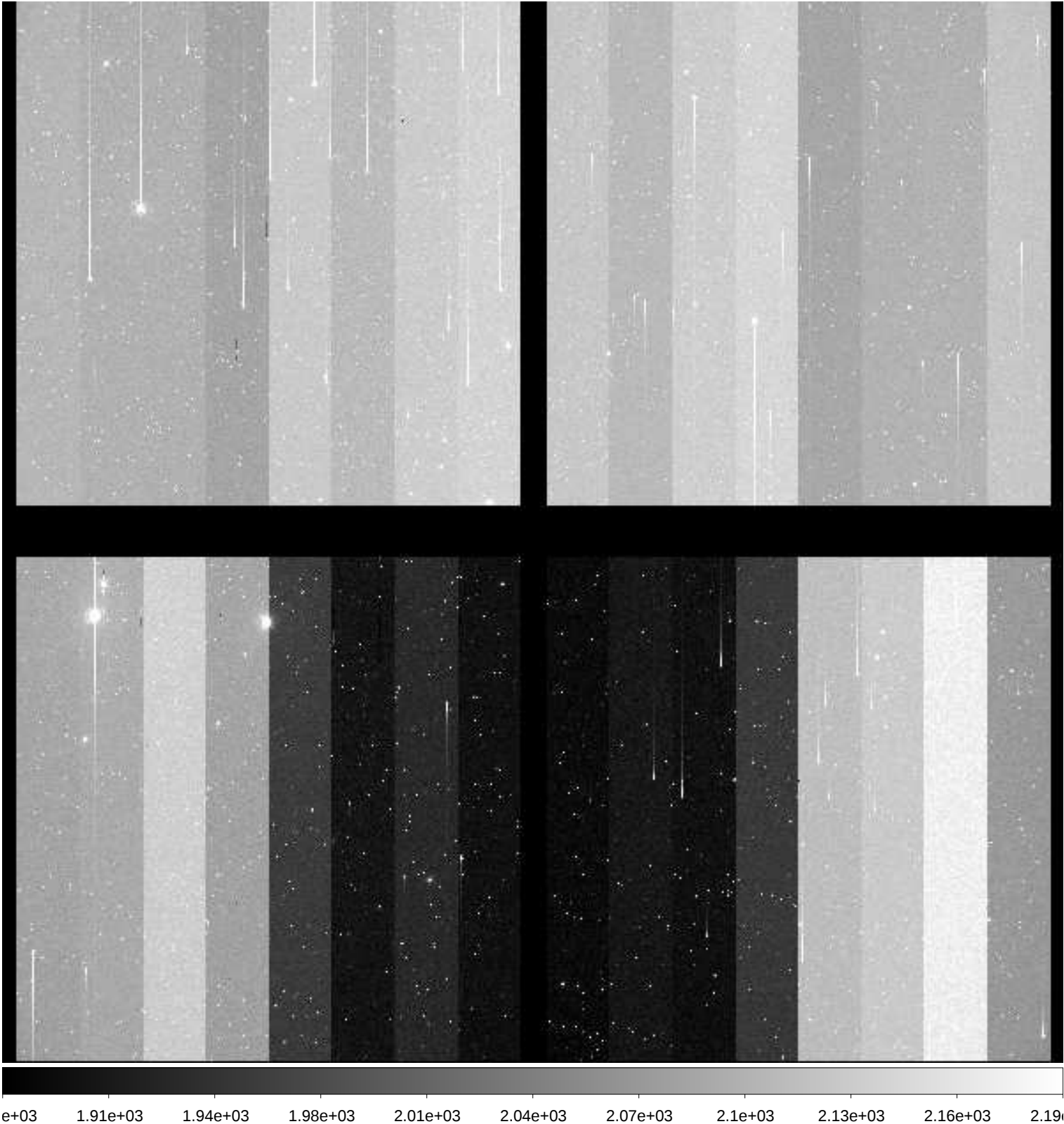
Airmass : 1.02

Sidereal Time : 04:49:35

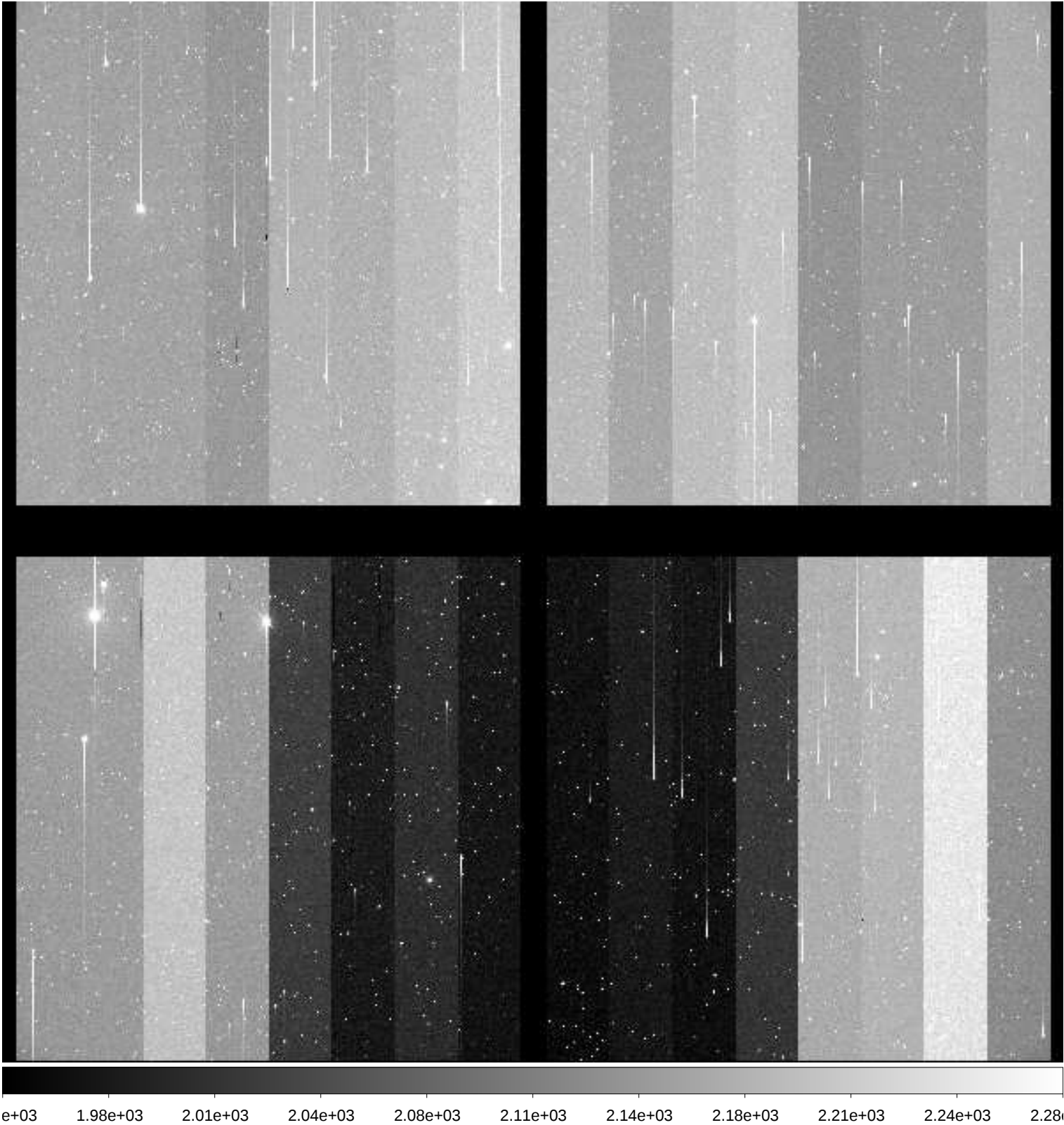
Filter ID : B

Observation Date : 2018-11-10T06:15:30

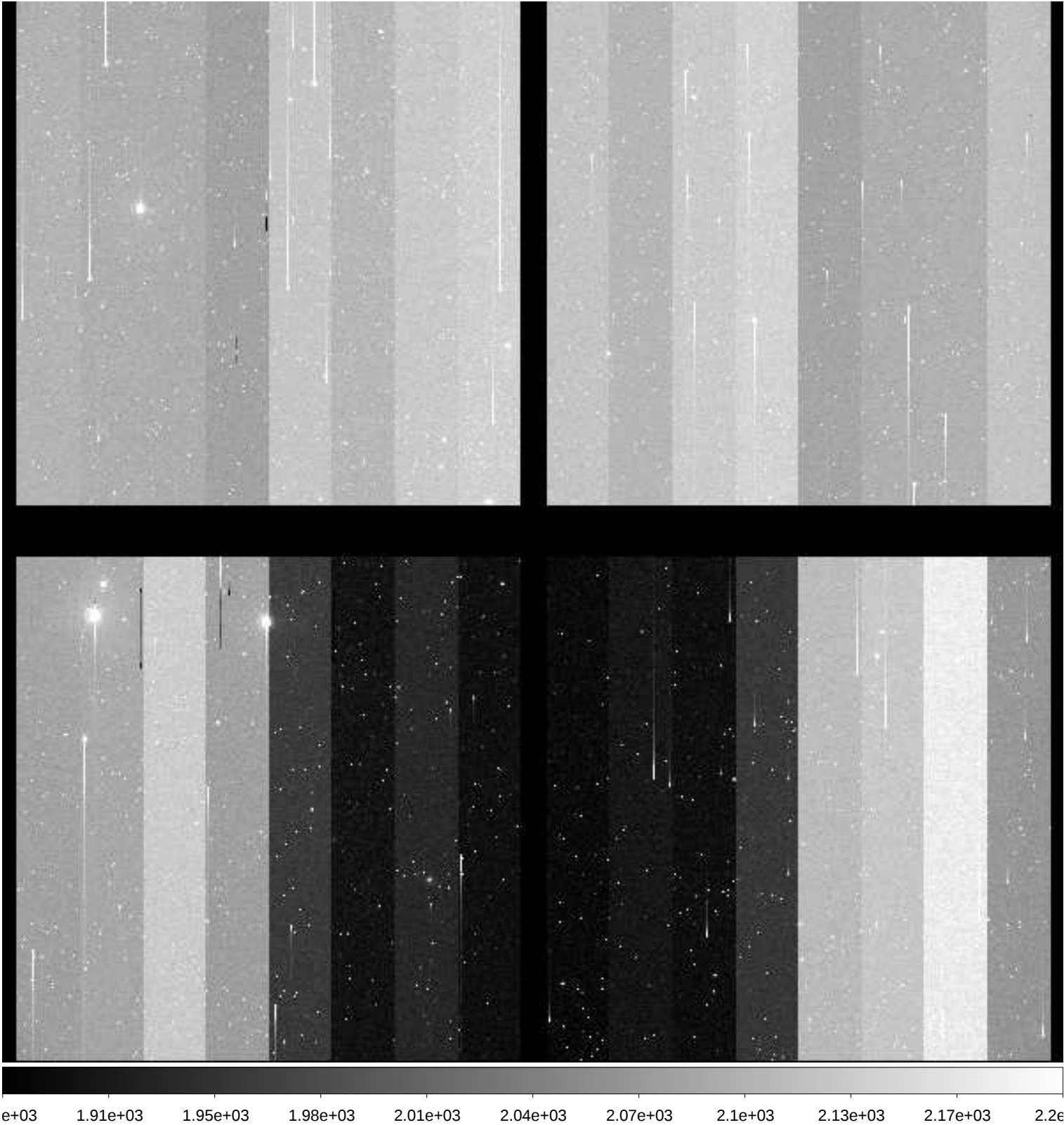
CCD Temperature : -89.83



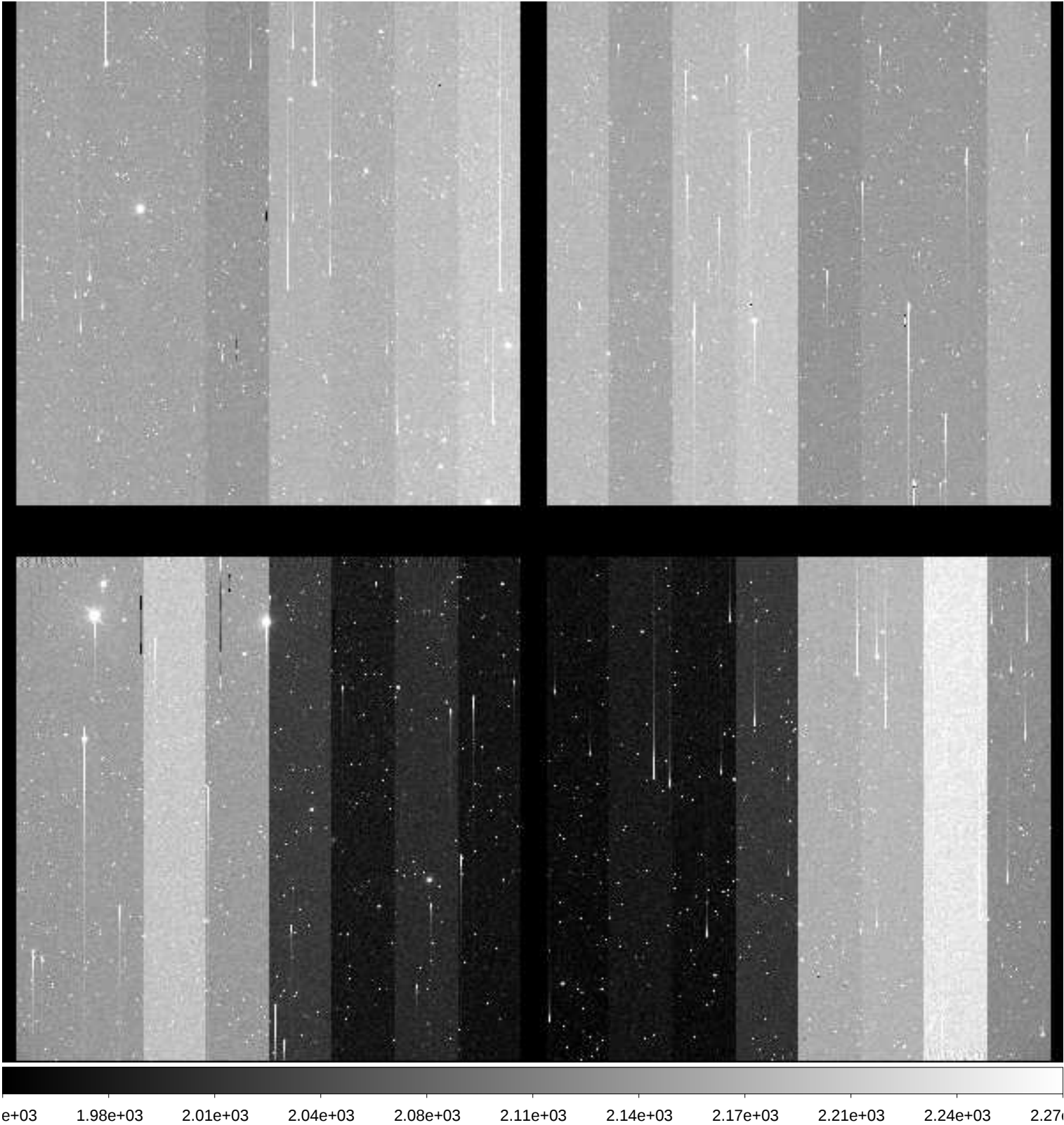
File Name : **xkmtc.20181110.004964.fits** # 116 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 04:52:33  
Filter ID : V  
Observation Date : 2018-11-10T06:18:40  
CCD Temperature : -89.82



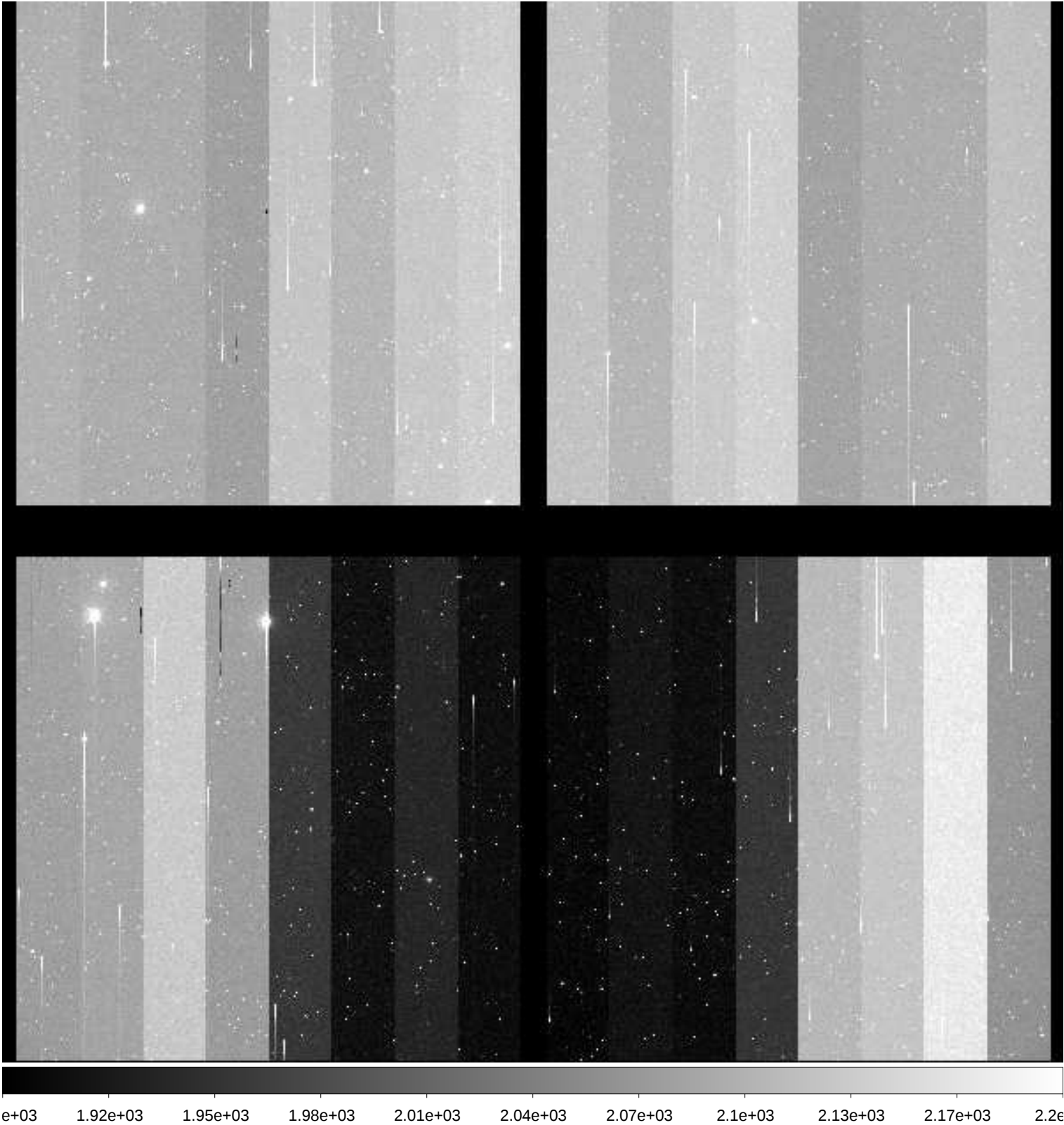
File Name : **xkmtc.20181110.004965.fits** # 117 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 04:55:45  
Filter ID : B  
Observation Date : 2018-11-10T06:21:51  
CCD Temperature : -89.84



File Name : **xkmtc.20181110.004966.fits** # 118 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 04:58:54  
Filter ID : V  
Observation Date : 2018-11-10T06:24:47  
CCD Temperature : -89.87



File Name : **xkmtc.20181110.004967.fits** # 119 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 05:01:50  
Filter ID : B  
Observation Date : 2018-11-10T06:27:55  
CCD Temperature : -89.9



File Name : xkmtc.20181110.004968.fits # 120 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : coll

RA : 05:33:41.950

DEC : -28:31:48.00

Exposure Time : 120

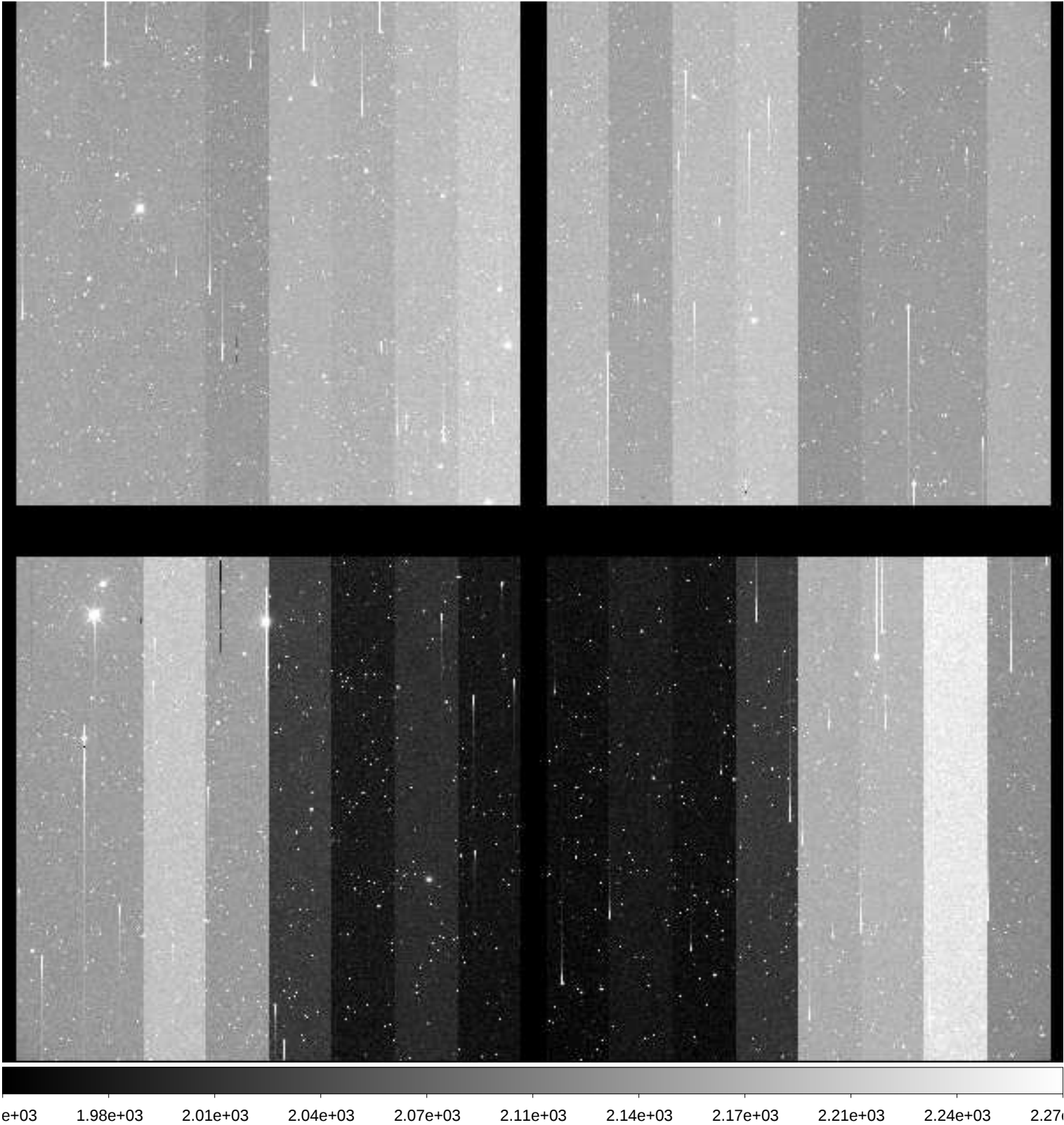
Airmass : 1.01

Sidereal Time : 05:05:02

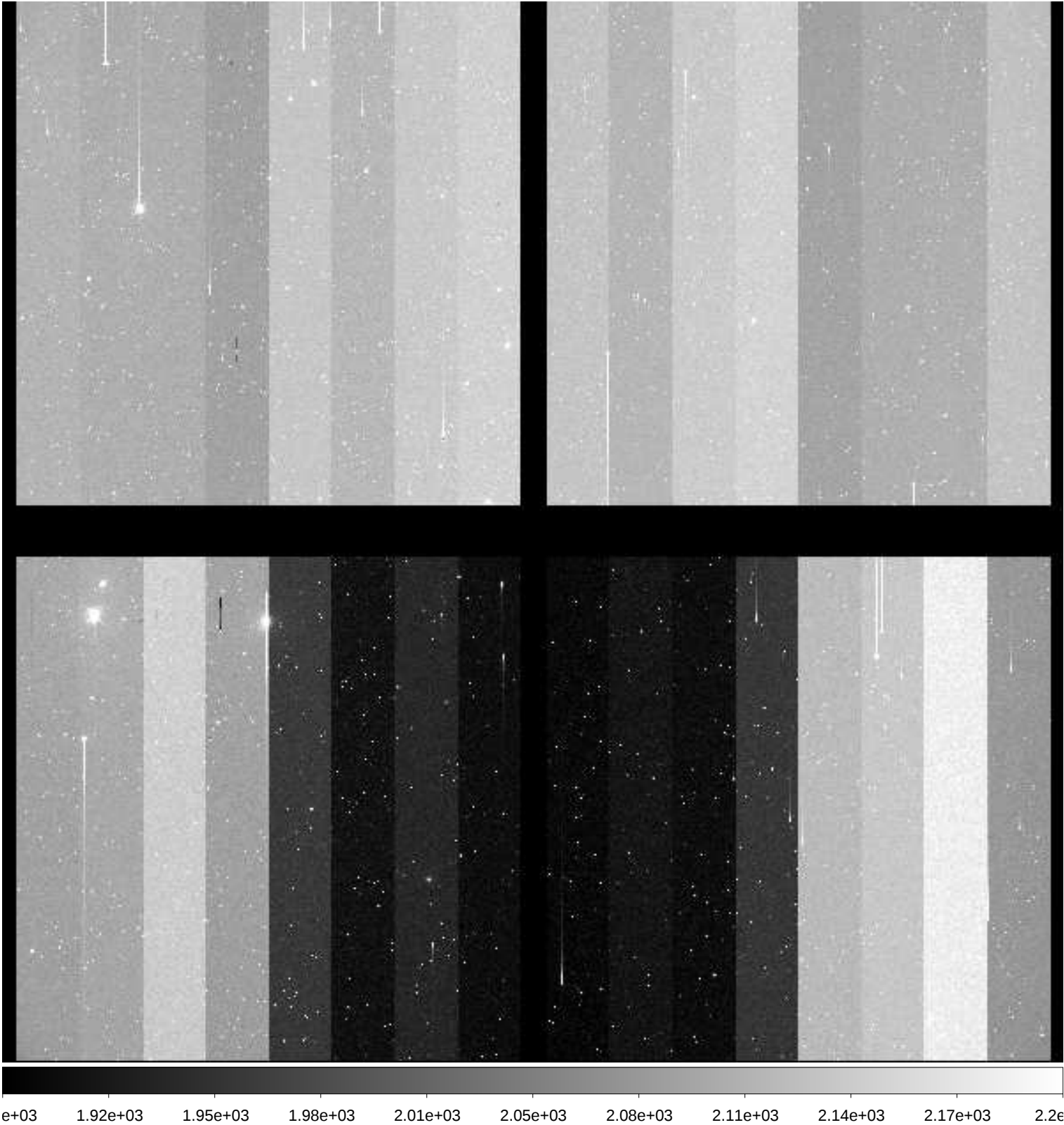
Filter ID : V

Observation Date : 2018-11-10T06:31:07

CCD Temperature : -89.88



File Name : **xkmtc.20181110.004969.fits** # 121 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 05:08:13  
Filter ID : B  
Observation Date : 2018-11-10T06:34:17  
CCD Temperature : -89.92



File Name : xkmtc.20181110.004970.fits # 122 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : col1

RA : 05:33:41.940

DEC : -28:31:48.00

Exposure Time : 120

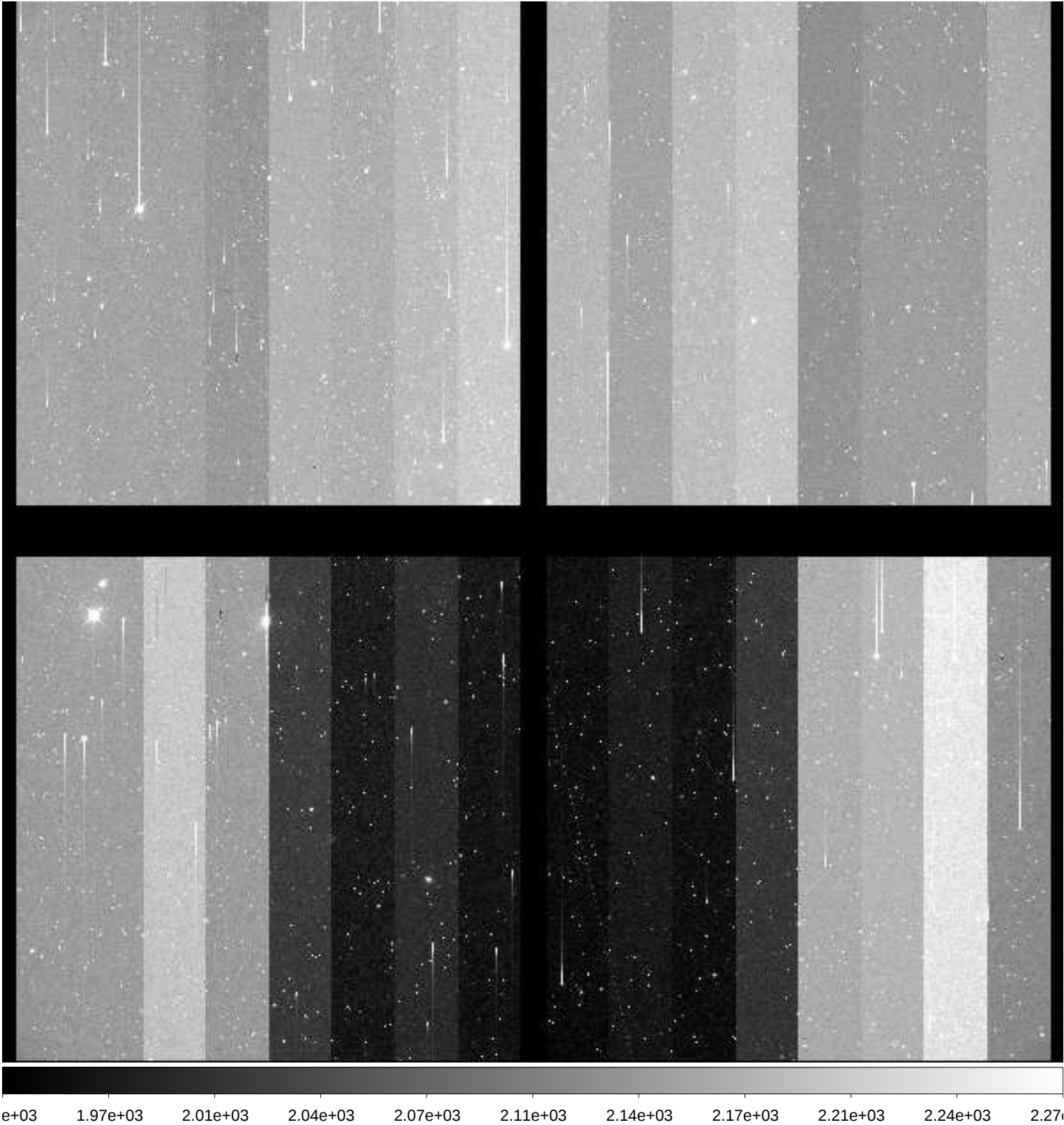
Airmass : 1.00

Sidereal Time : 05:11:22

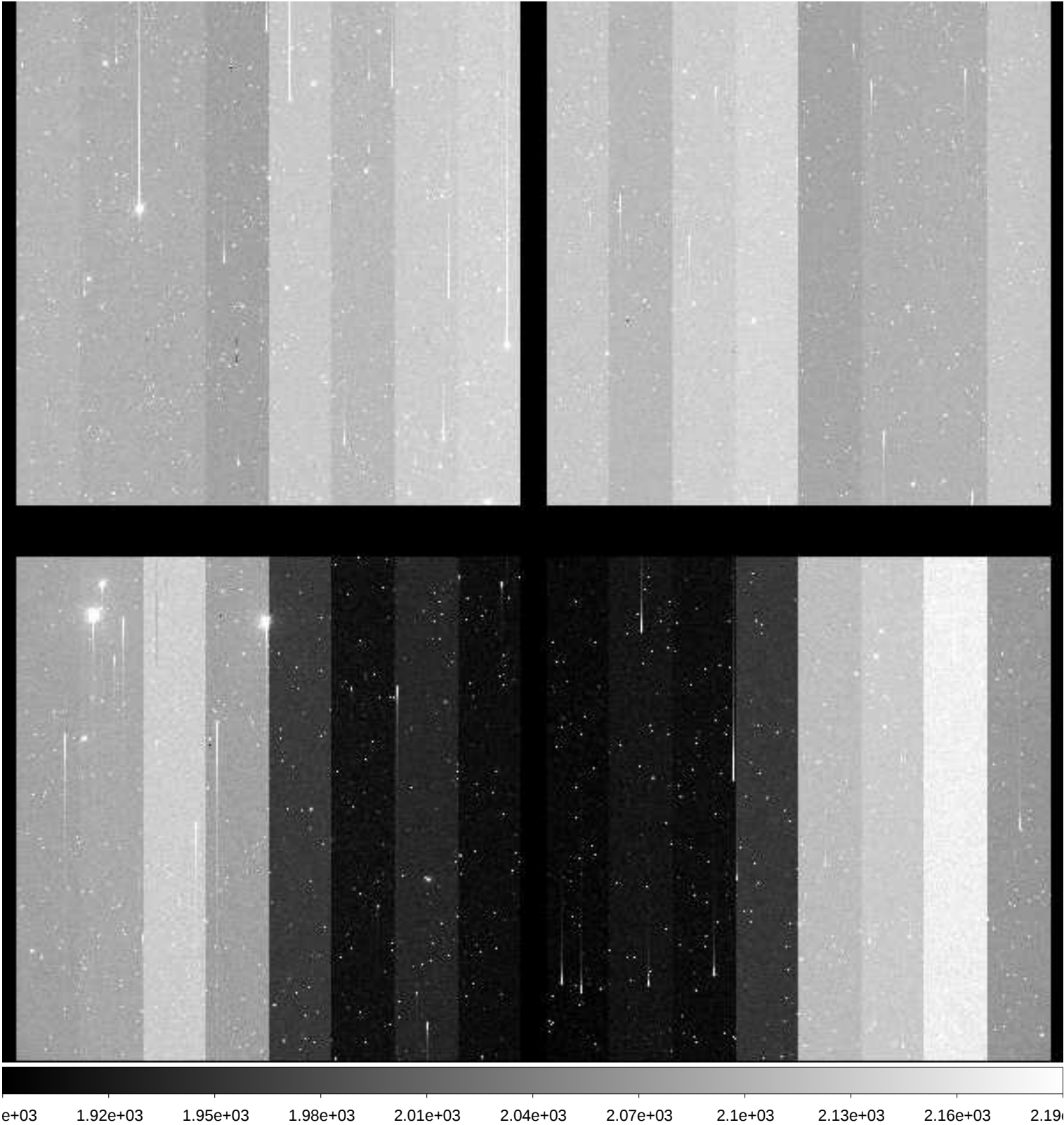
Filter ID : V

Observation Date : 2018-11-10T06:37:14

CCD Temperature : -89.95



File Name : **xkmtc.20181110.004971.fits** # 123 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:14:27  
Filter ID : B  
Observation Date : 2018-11-10T06:40:30  
CCD Temperature : -89.95



File Name : xkmtc.20181110.004972.fits # 124 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : col1

RA : 05:33:41.950

DEC : -28:31:48.00

Exposure Time : 120

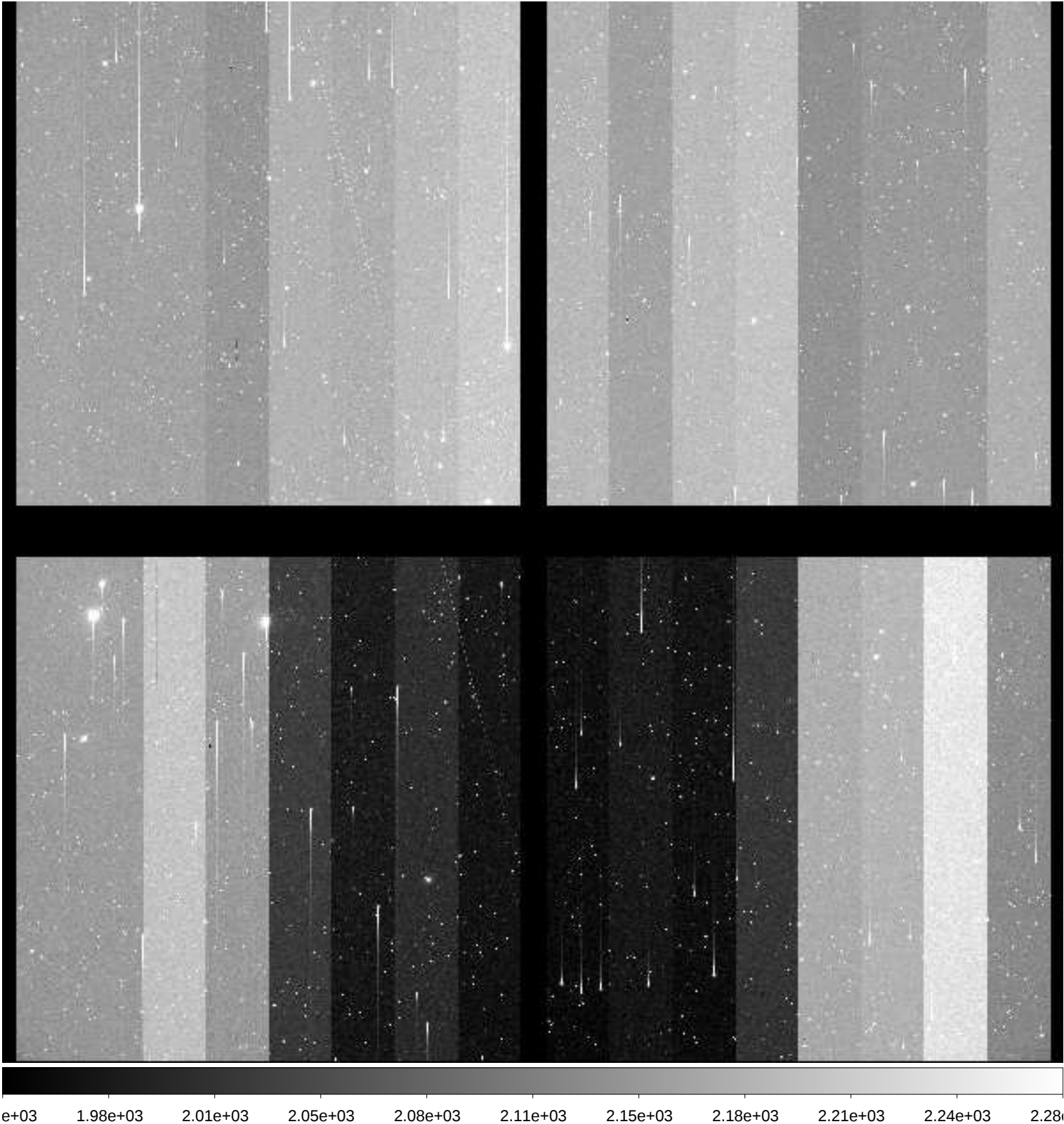
Airmass : 1.00

Sidereal Time : 05:17:45

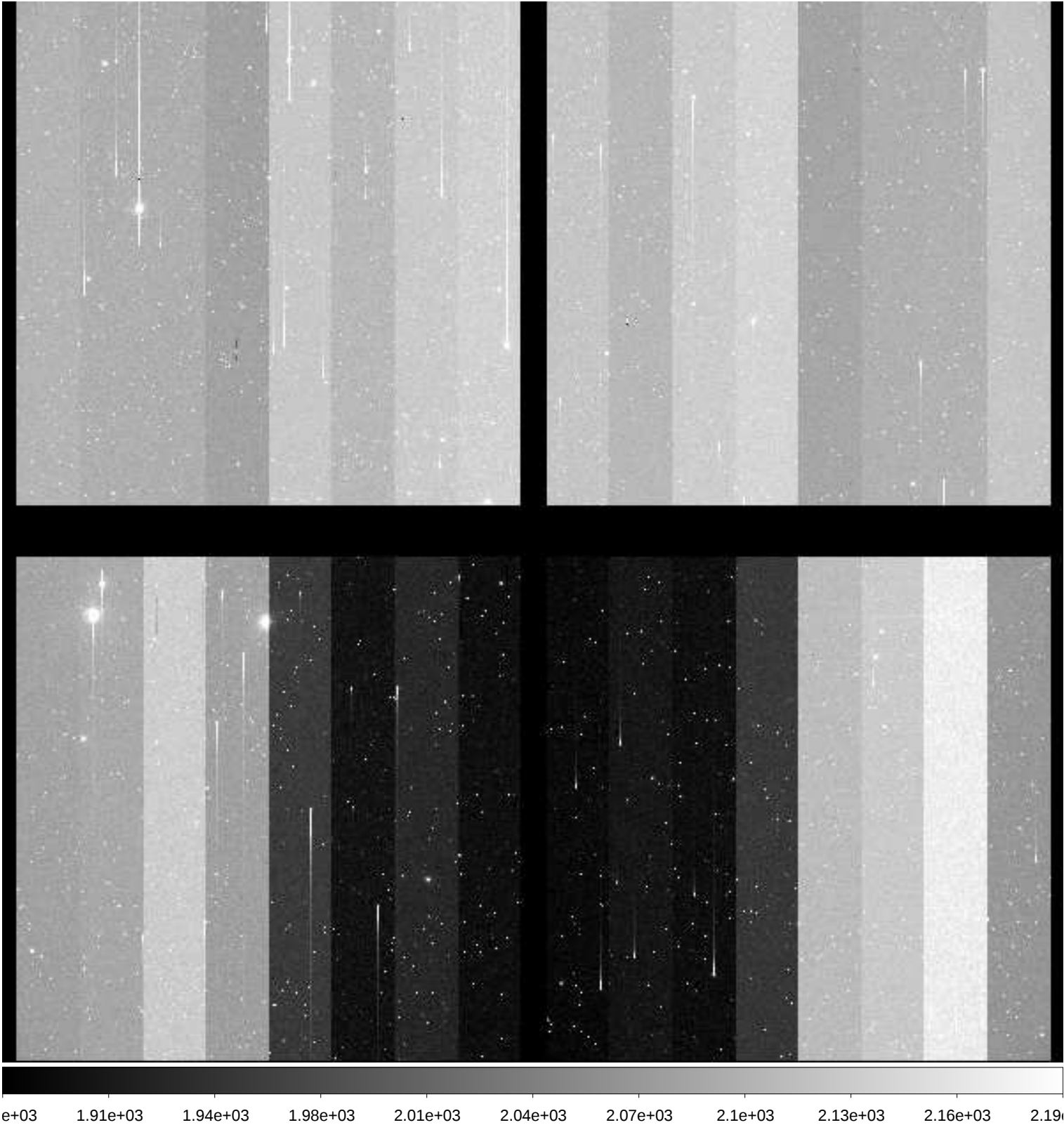
Filter ID : V

Observation Date : 2018-11-10T06:43:35

CCD Temperature : -90.03



File Name : **xkmtc.20181110.004973.fits** # 125 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:20:42  
Filter ID : B  
Observation Date : 2018-11-10T06:46:31  
CCD Temperature : -90.02



File Name : xkmtc.20181110.004974.fits # 126 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : col1

RA : 05:33:41.960

DEC : -28:31:48.00

Exposure Time : 120

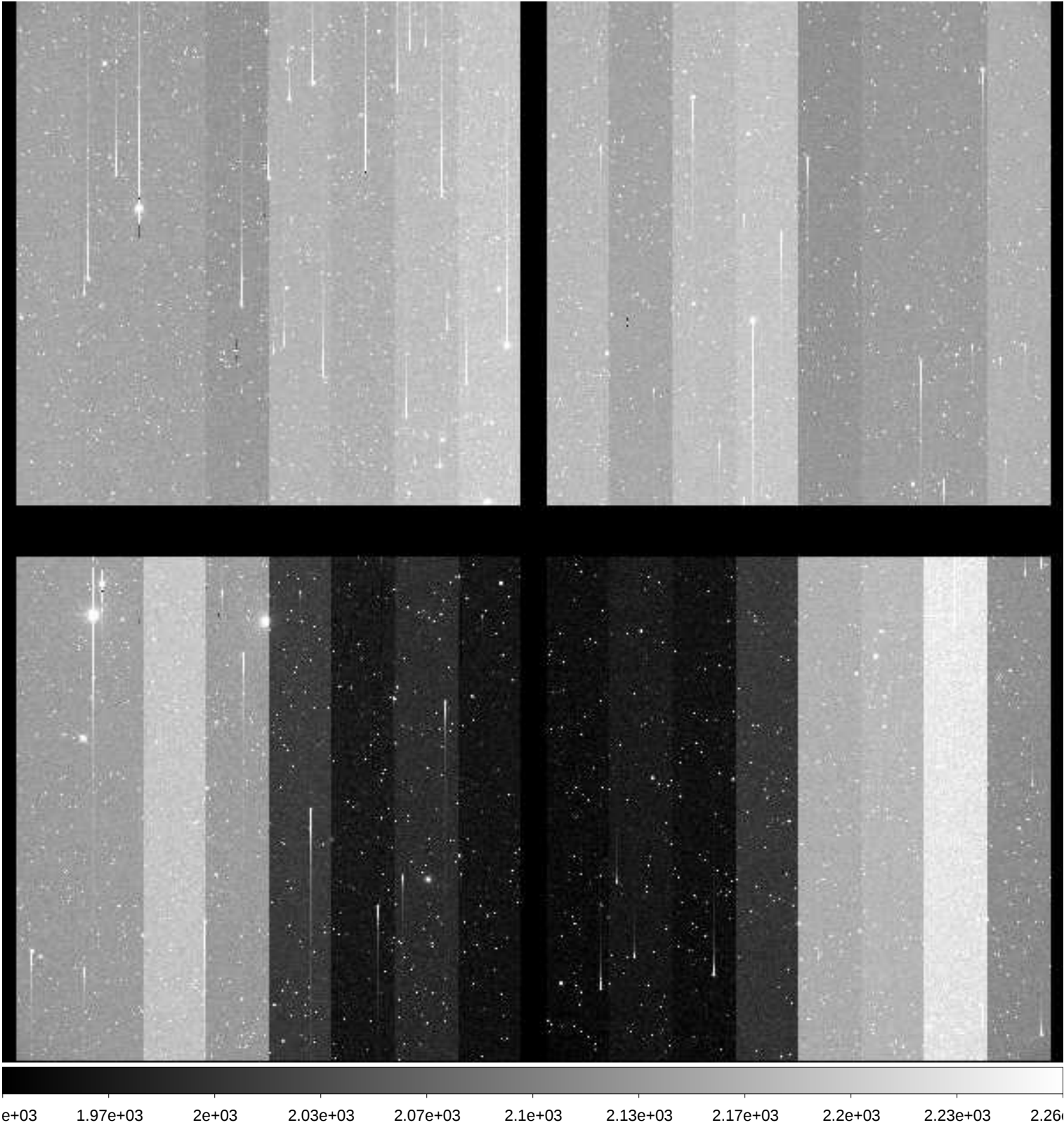
Airmass : 1.00

Sidereal Time : 05:23:42

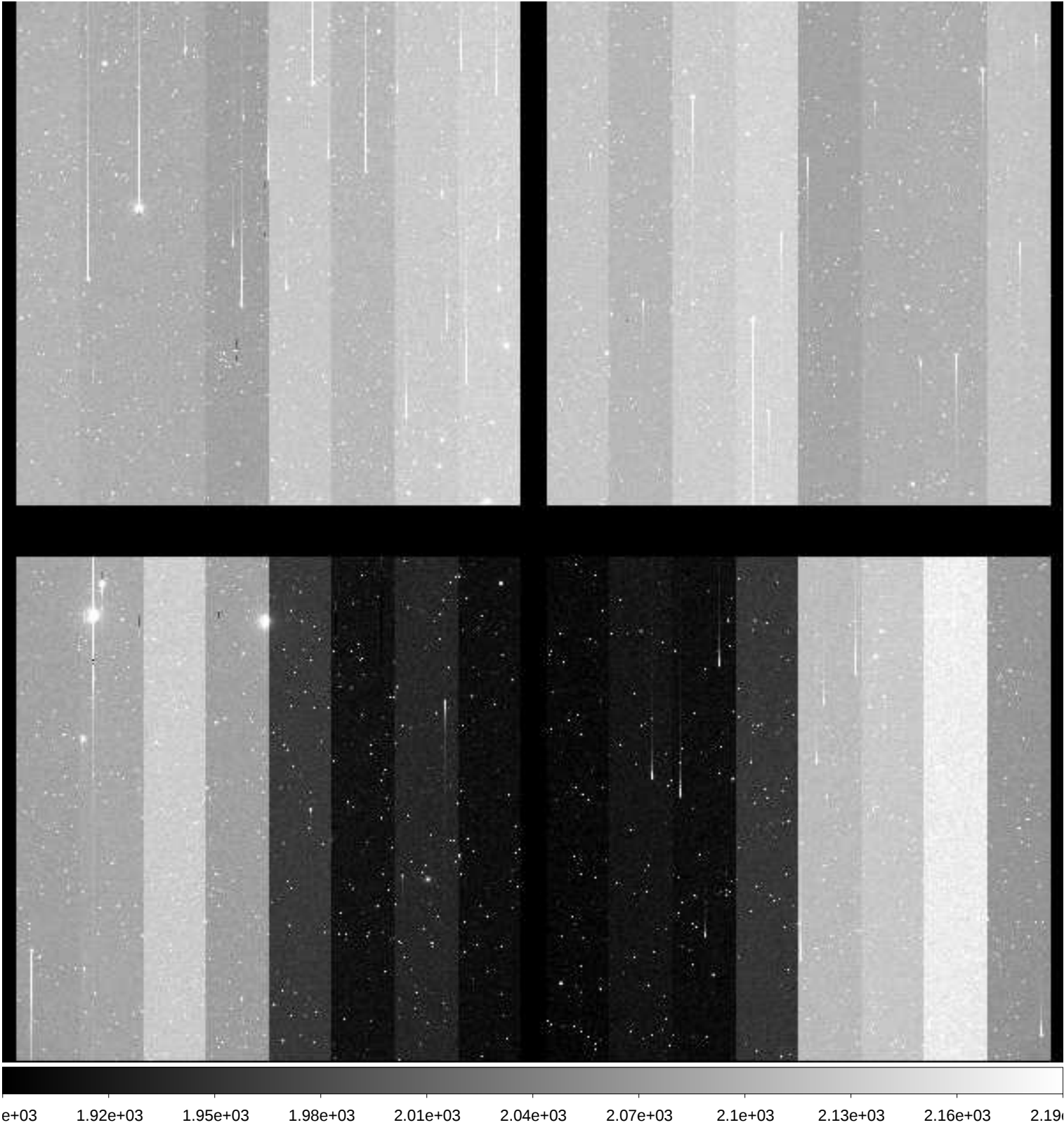
Filter ID : V

Observation Date : 2018-11-10T06:49:31

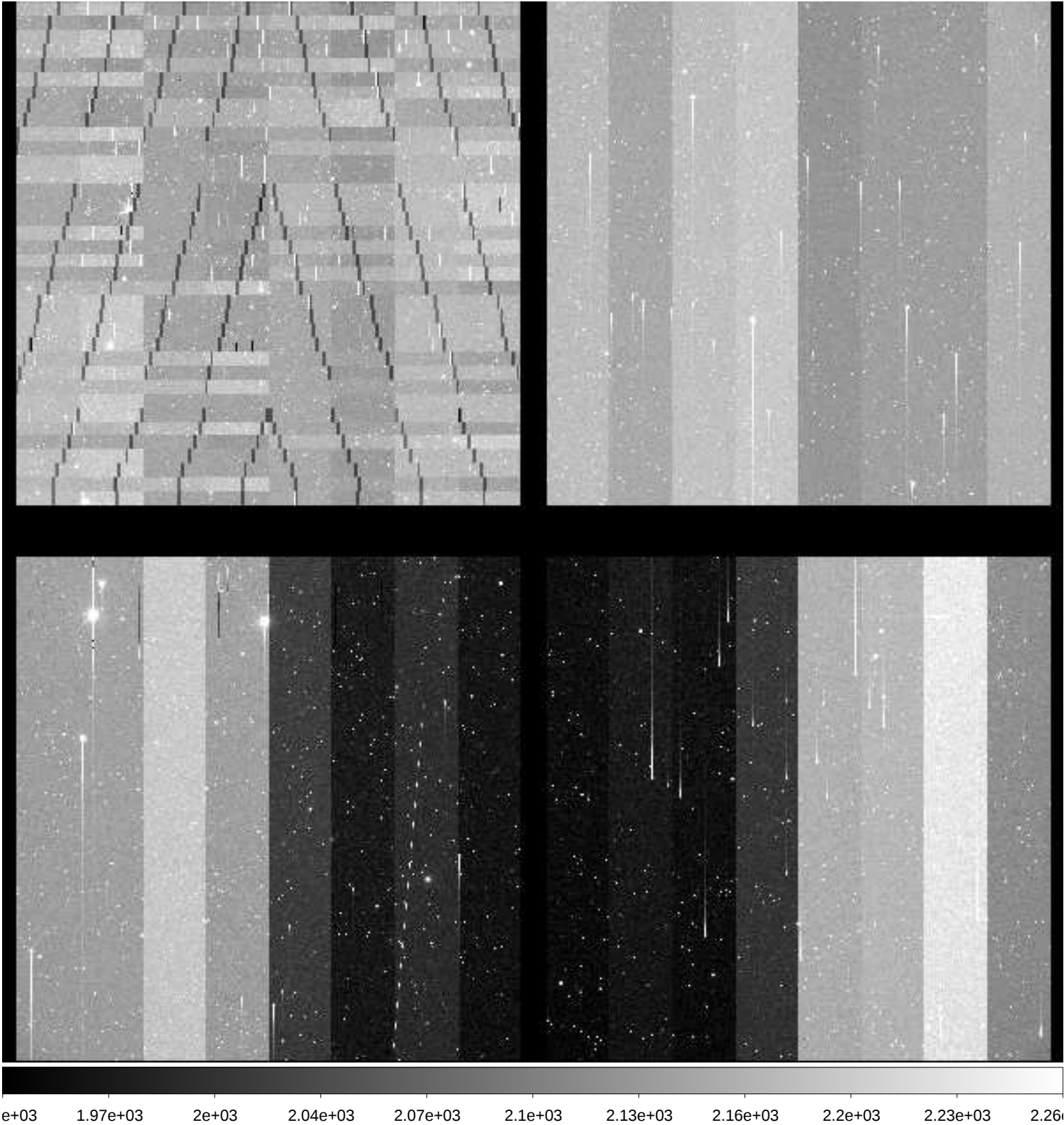
CCD Temperature : -90.09



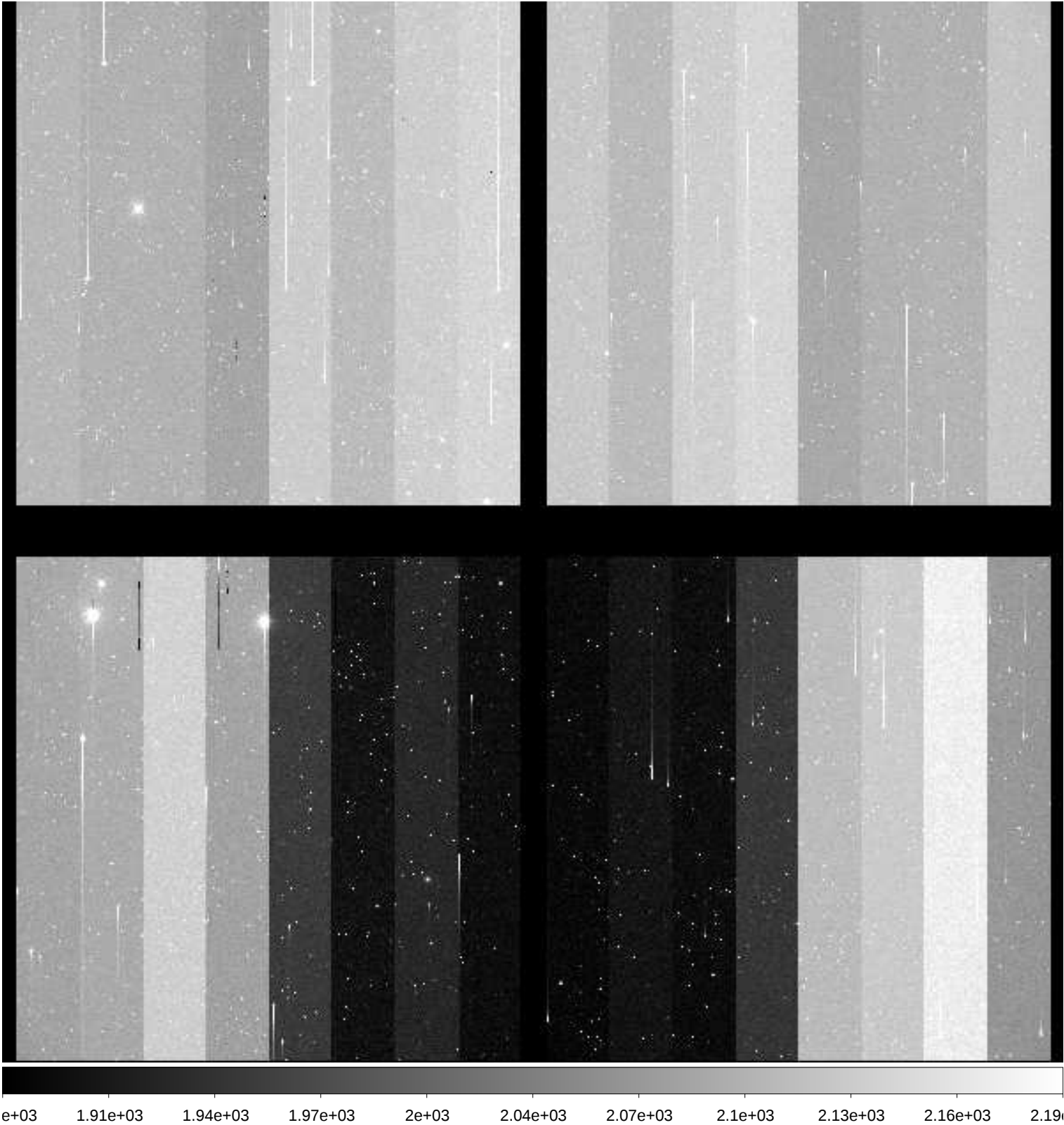
File Name : **xkmtc.20181110.004975.fits** # 127 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **coll**  
RA : 05:33:41.960  
DEC : -28:31:48.10  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:26:39  
Filter ID : B  
Observation Date : 2018-11-10T06:52:28  
CCD Temperature : -90.08



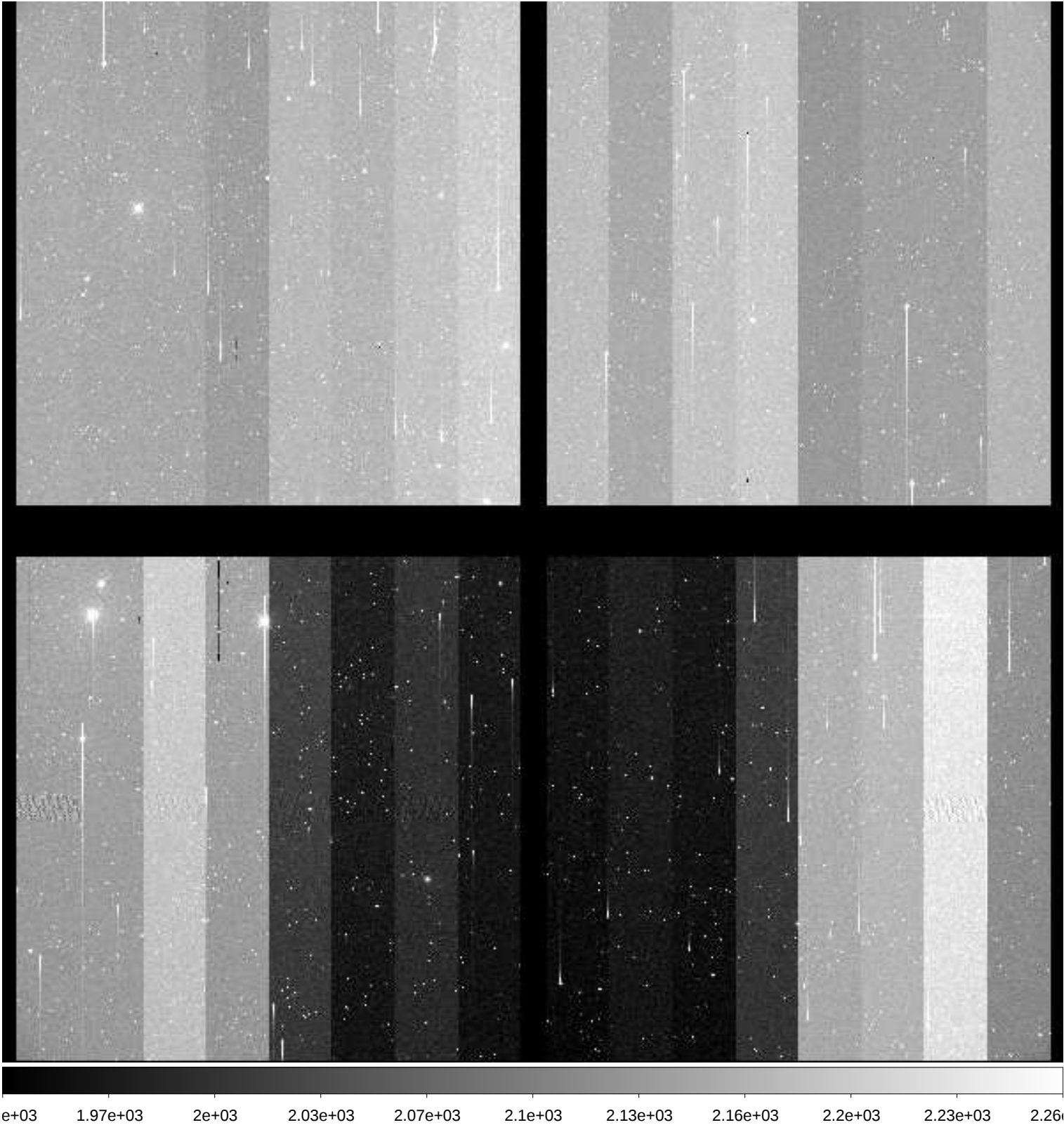
File Name : **xkmtc.20181110.004976.fits** # 128 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.940  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:29:35  
Filter ID : V  
Observation Date : 2018-11-10T06:55:23  
CCD Temperature : -90.07



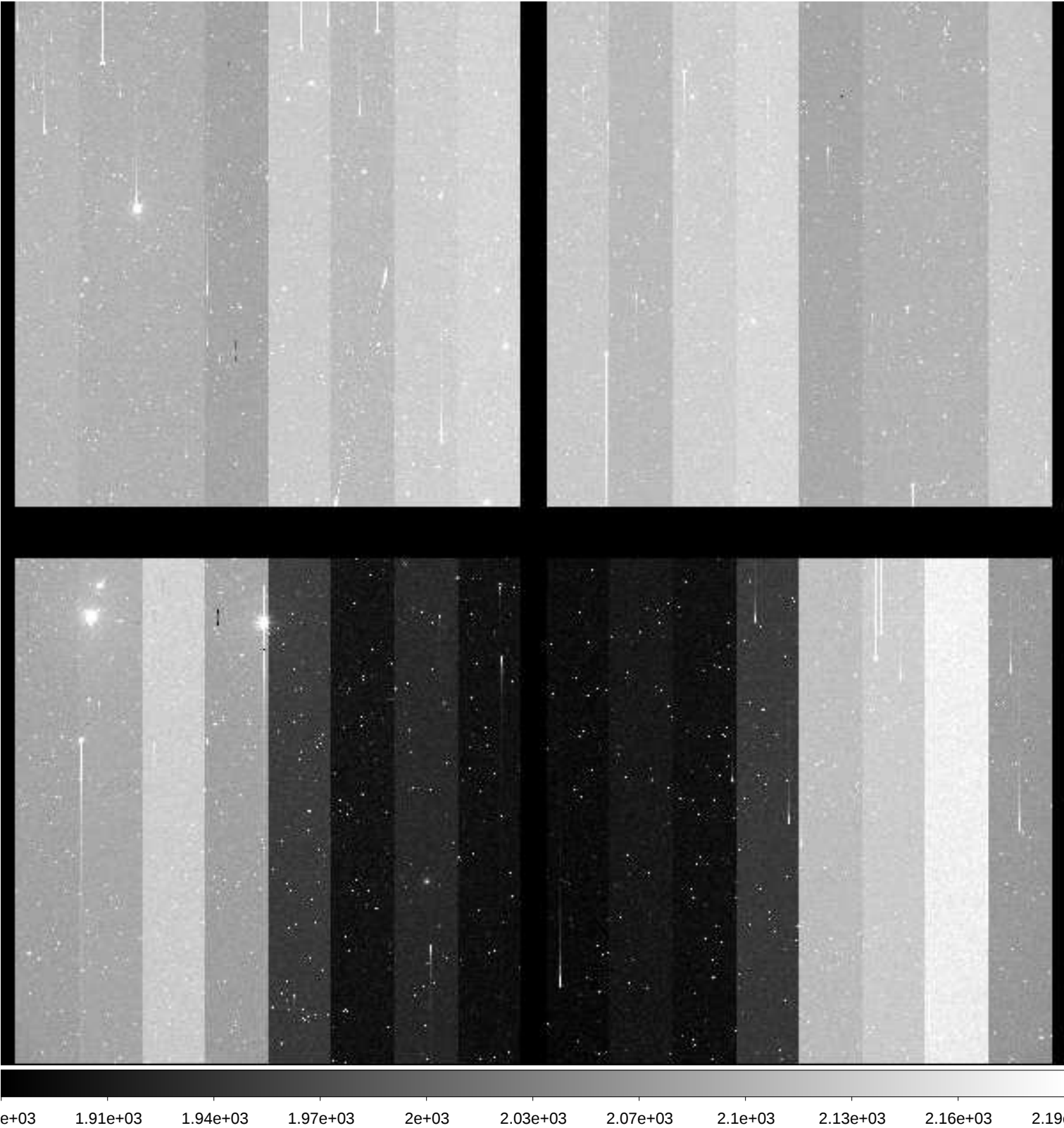
File Name : **xkmtc.20181110.004977.fits** # 129 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:32:33  
Filter ID : B  
Observation Date : 2018-11-10T06:58:20  
CCD Temperature : -90.1



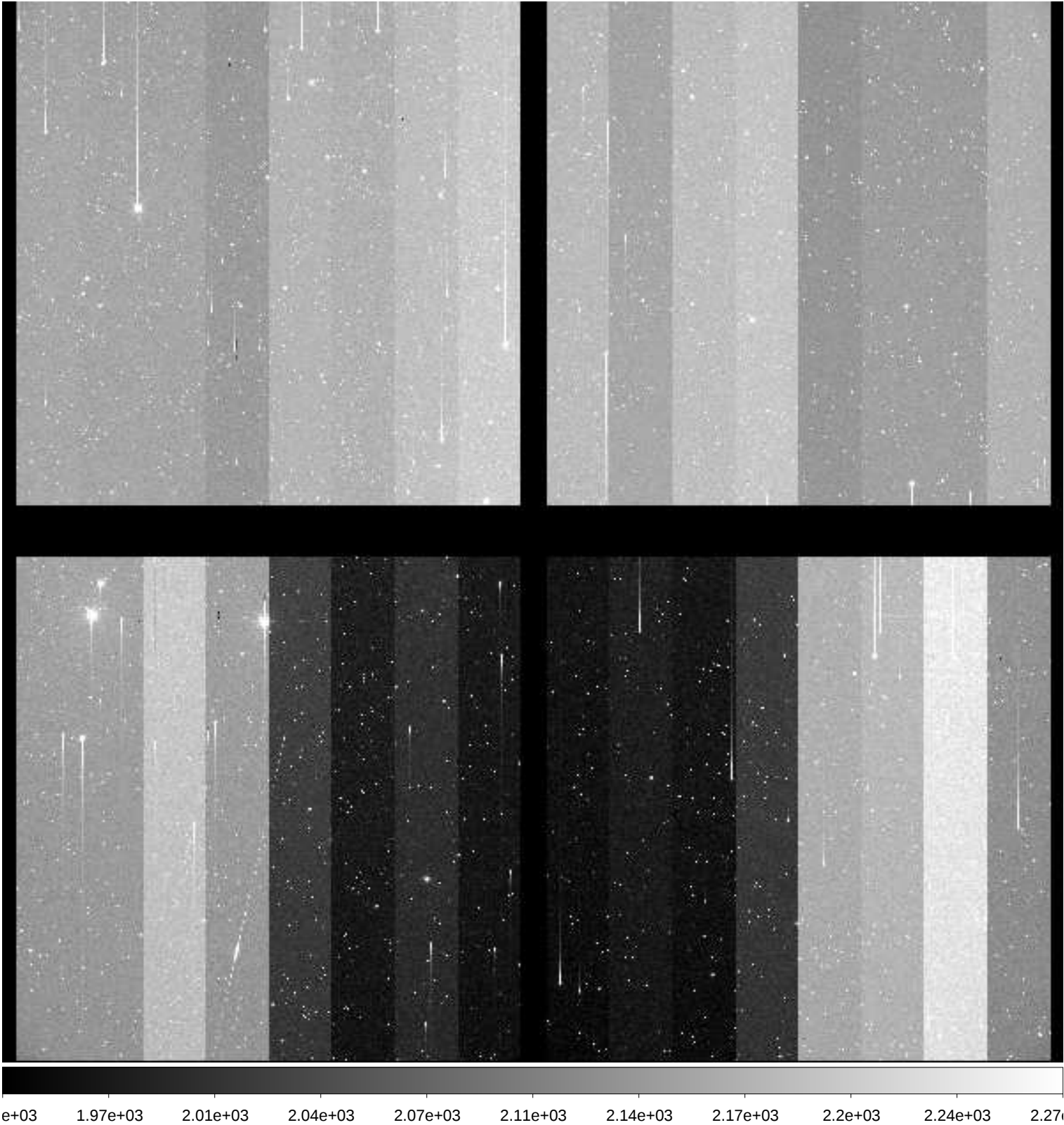
File Name : **xkmtc.20181110.004978.fits** # 130 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:35:29  
Filter ID : V  
Observation Date : 2018-11-10T07:01:17  
CCD Temperature : -90.13



File Name : **xkmtc.20181110.004979.fits** # 131 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:38:37  
Filter ID : B  
Observation Date : 2018-11-10T07:04:24  
CCD Temperature : -90.17



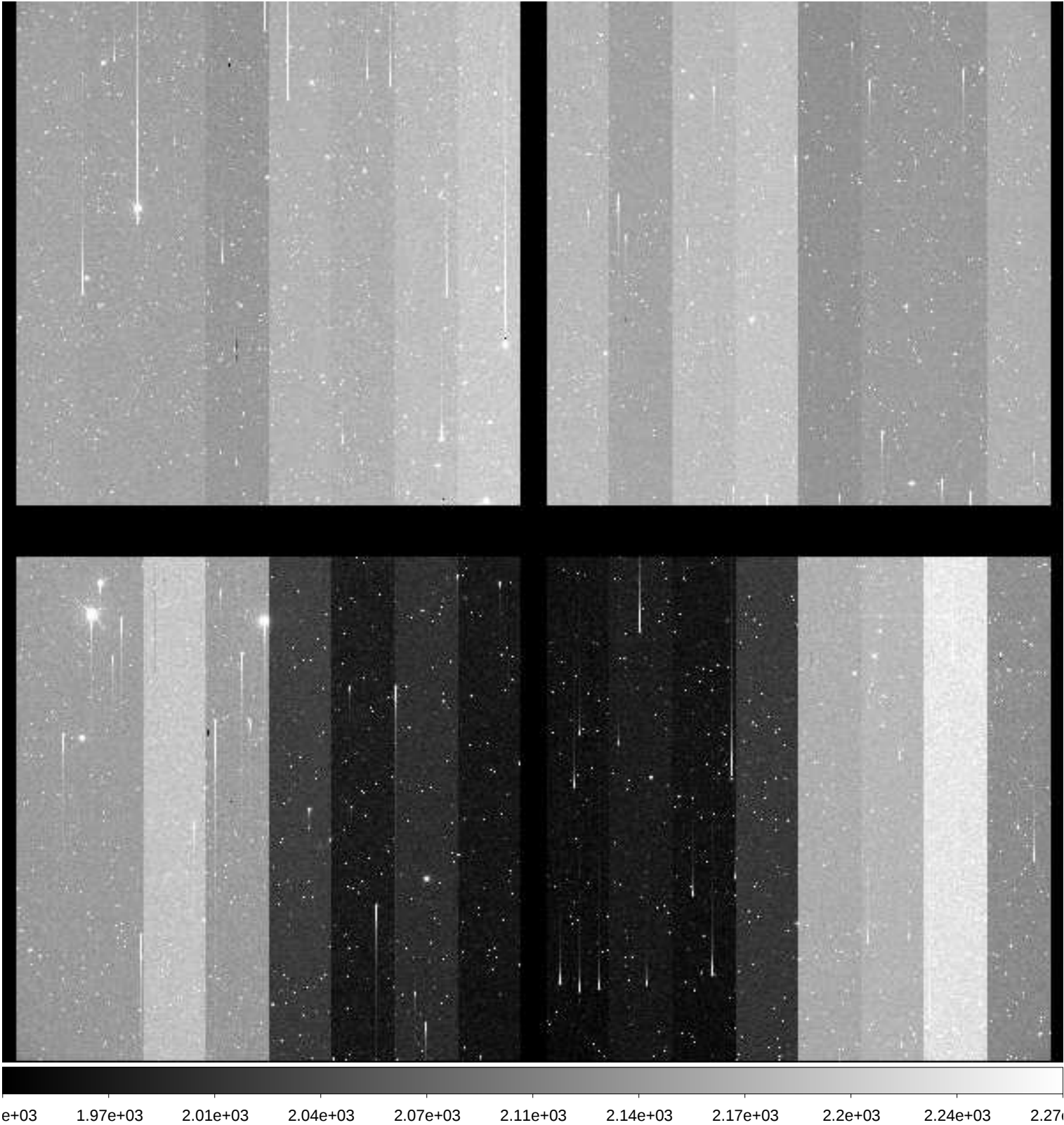
File Name : **xkmtc.20181110.004980.fits** # 132 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:41:34  
Filter ID : V  
Observation Date : 2018-11-10T07:07:21  
CCD Temperature : -90.17



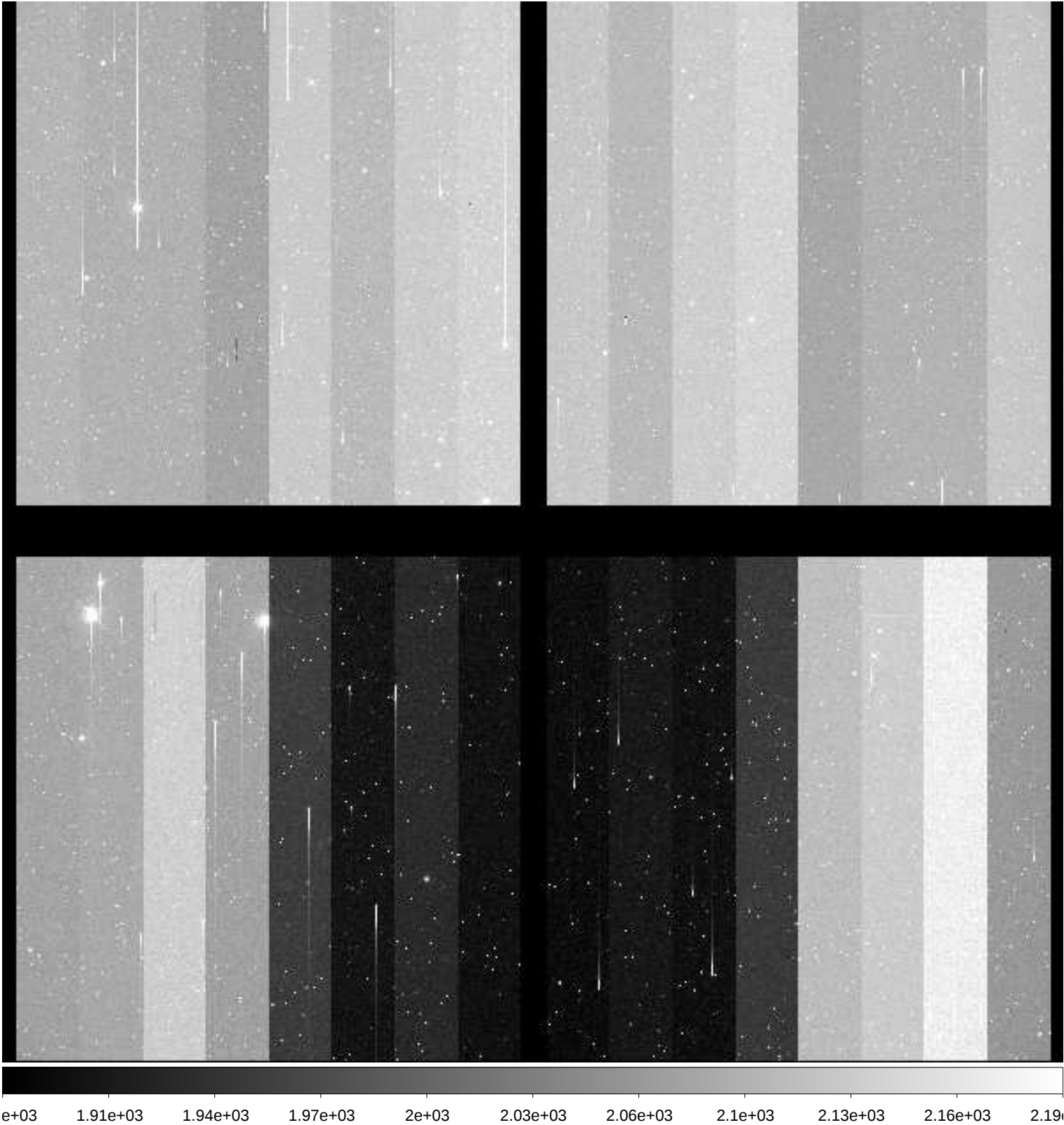
File Name : **xkmtc.20181110.004981.fits** # 133 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:44:34  
Filter ID : B  
Observation Date : 2018-11-10T07:10:33  
CCD Temperature : -90.2



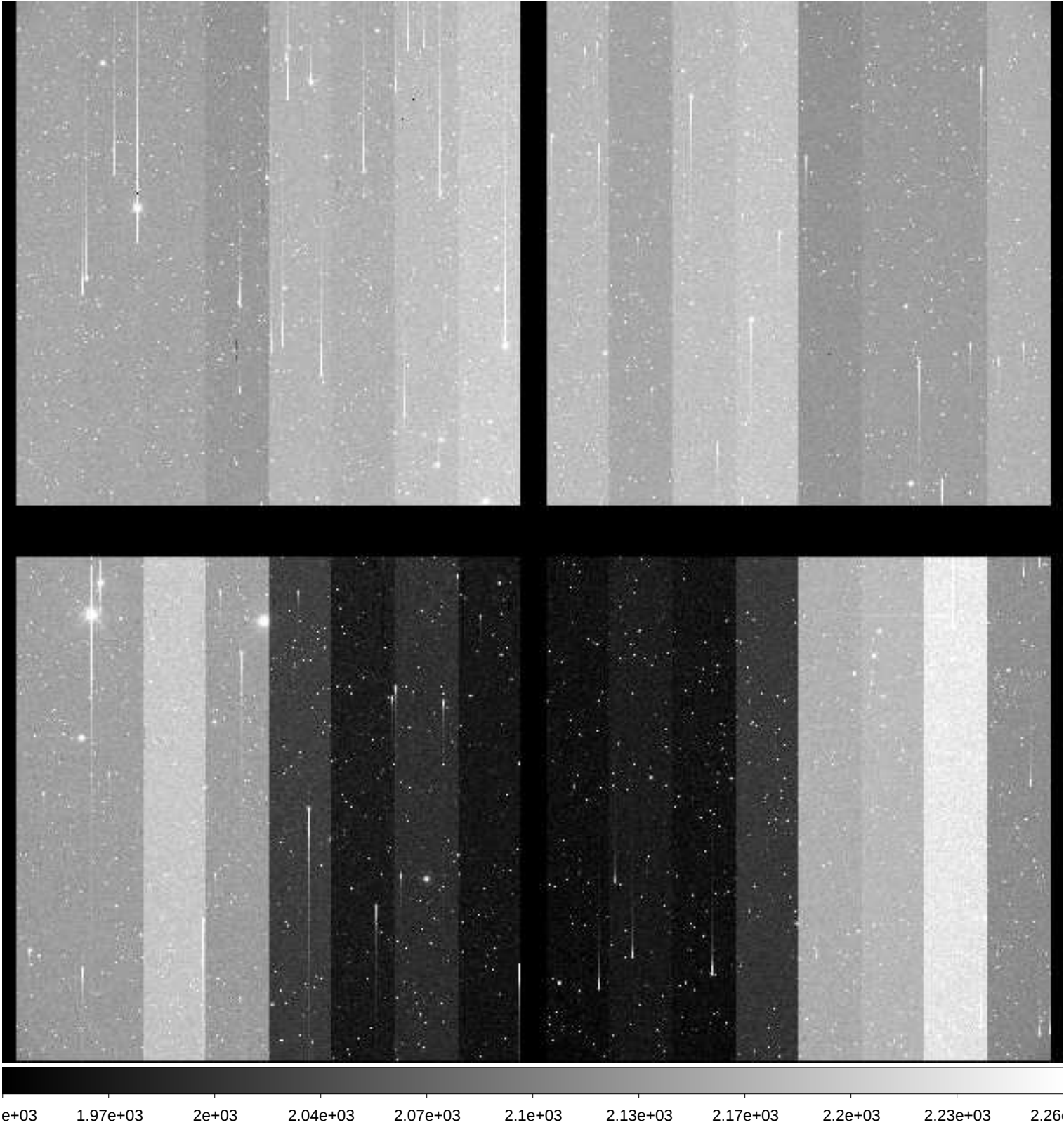
File Name : **xkmtc.20181110.004982.fits** # 134 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:47:43  
Filter ID : V  
Observation Date : 2018-11-10T07:13:29  
CCD Temperature : -90.19



File Name : **xkmtc.20181110.004983.fits** # 135 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:50:47  
Filter ID : B  
Observation Date : 2018-11-10T07:16:32  
CCD Temperature : -90.27



File Name : **xkmtc.20181110.004984.fits** # 136 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.940  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.00  
Sidereal Time : 05:53:44  
Filter ID : V  
Observation Date : 2018-11-10T07:19:41  
CCD Temperature : -90.26



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: **xkmtc.20181110.004985.fits**

: ECSUNG

: OBJECT

: **coll**

: 05:33:41.960

: -28:31:48.00

: 120

: 1.00

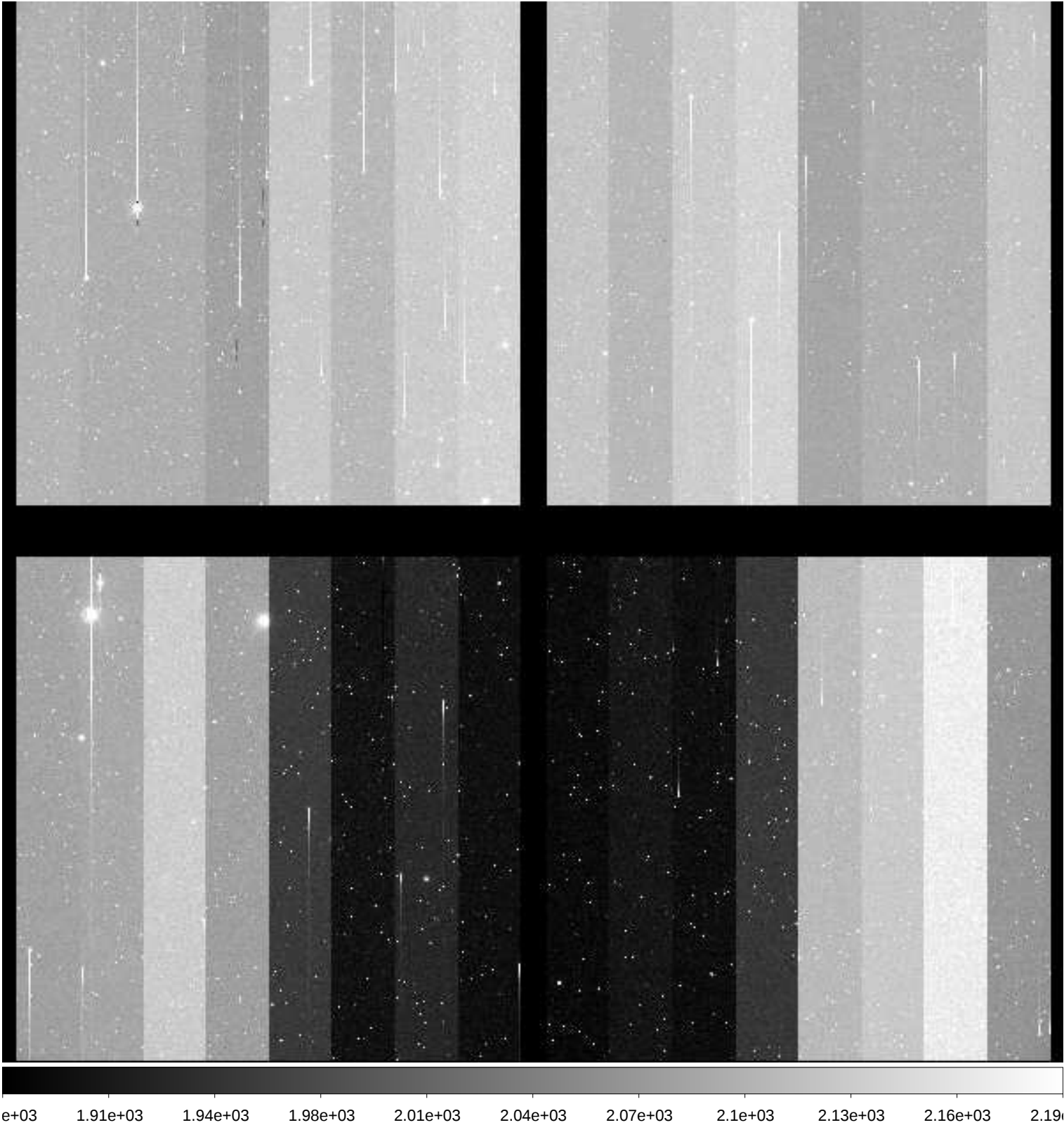
: 05:57:00

: B

: 2018-11-10T07:22:44

: -90.3

# 137 / 164 #



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

:

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:

:

xkmtc.20181110.004986.fits

ECSUNG

OBJECT

col1

05:33:41.970

-28:31:48.00

120

1.01

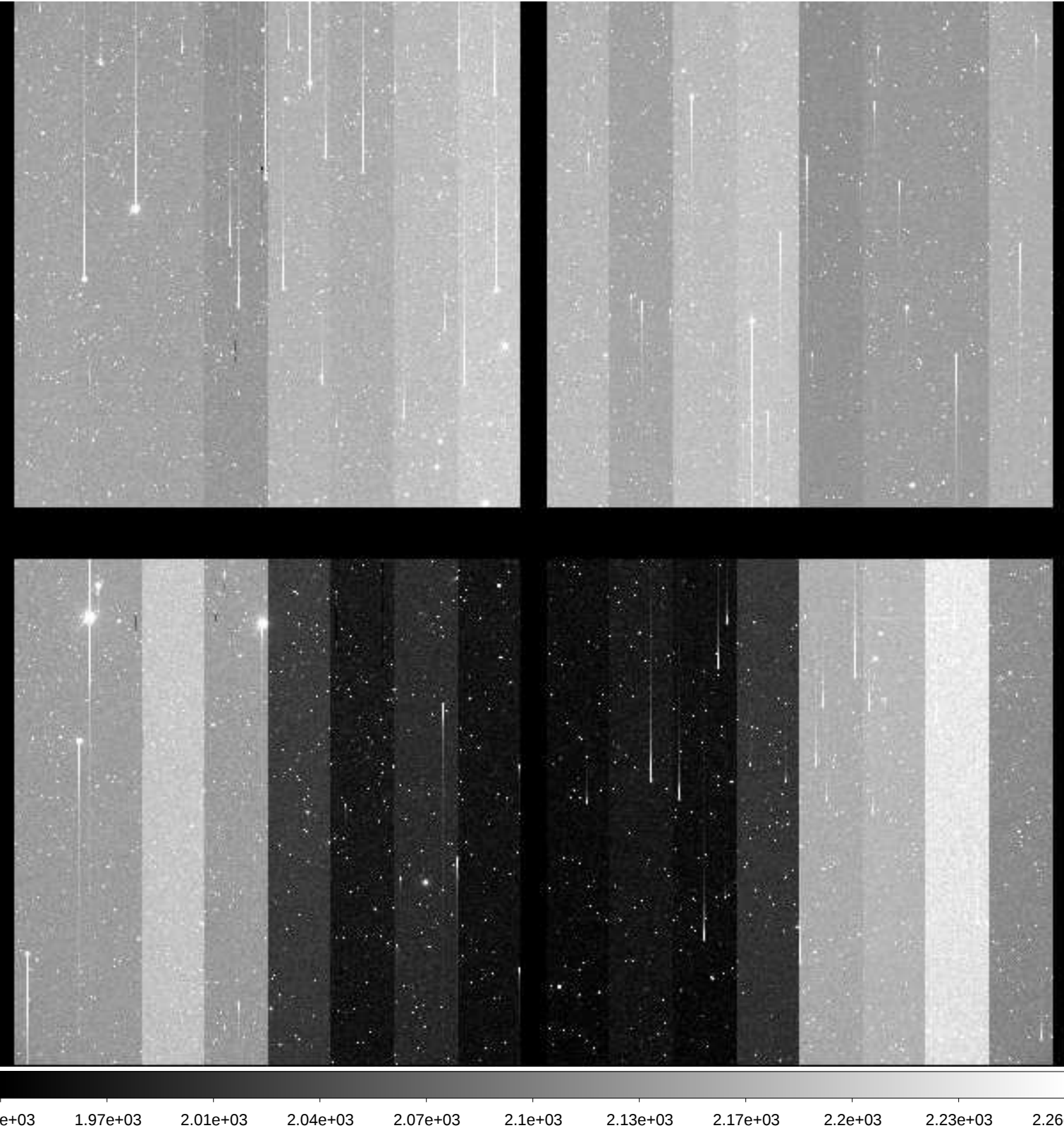
05:59:57

V

2018-11-10T07:25:40

-90.33

# 138 / 164 #



File Name : **xkmtc.20181110.004987.fits** # 139 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **col1**

RA : 05:33:41.940

DEC : -28:31:48.00

Exposure Time : 120

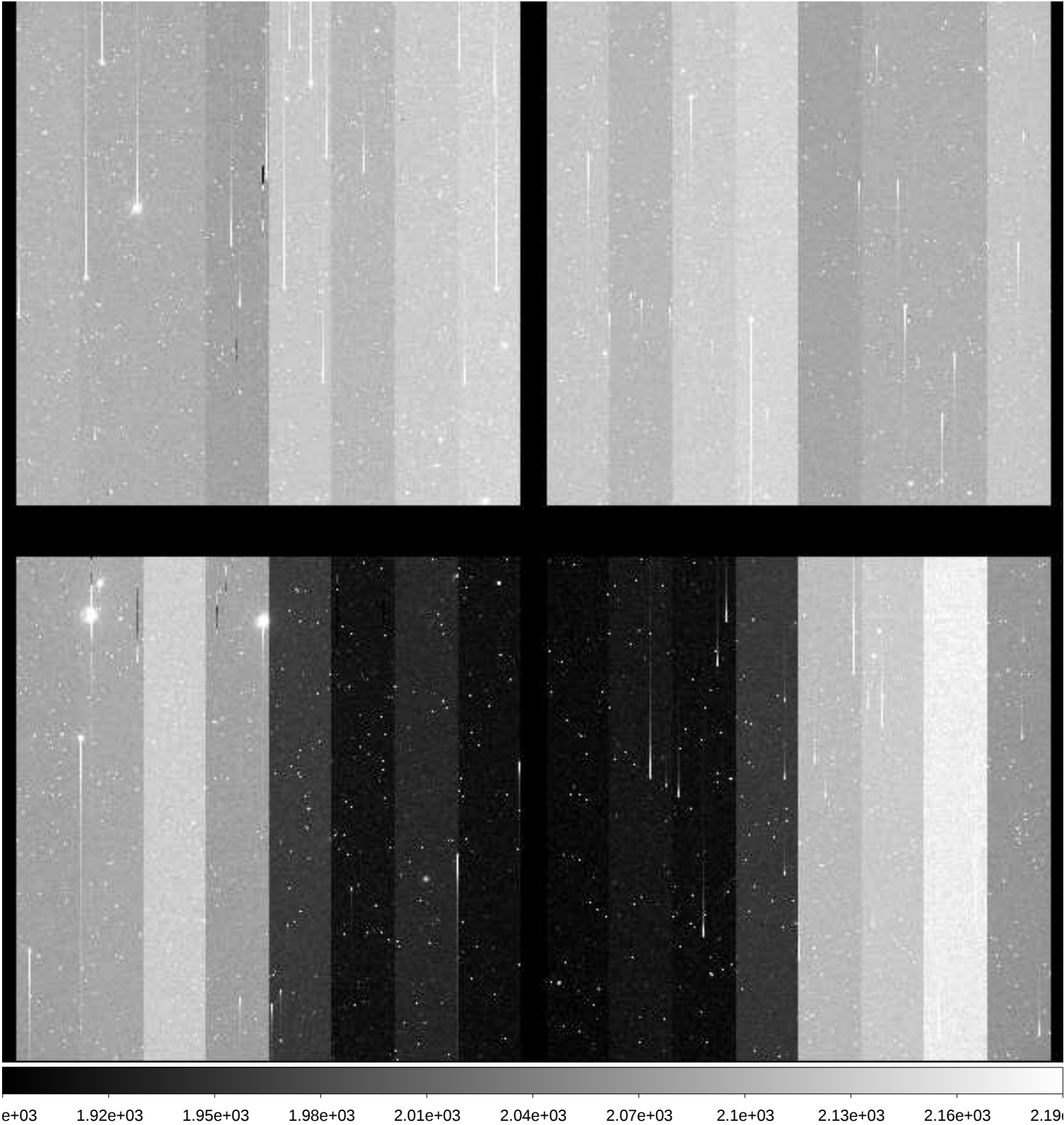
Airmass : 1.01

Sidereal Time : 06:02:53

Filter ID : B

Observation Date : 2018-11-10T07:28:36

CCD Temperature : -90.36



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: xkmtc.20181110.004988.fits

ECSUNG

OBJECT

col1

05:33:41.960

-28:31:48.00

120

1.01

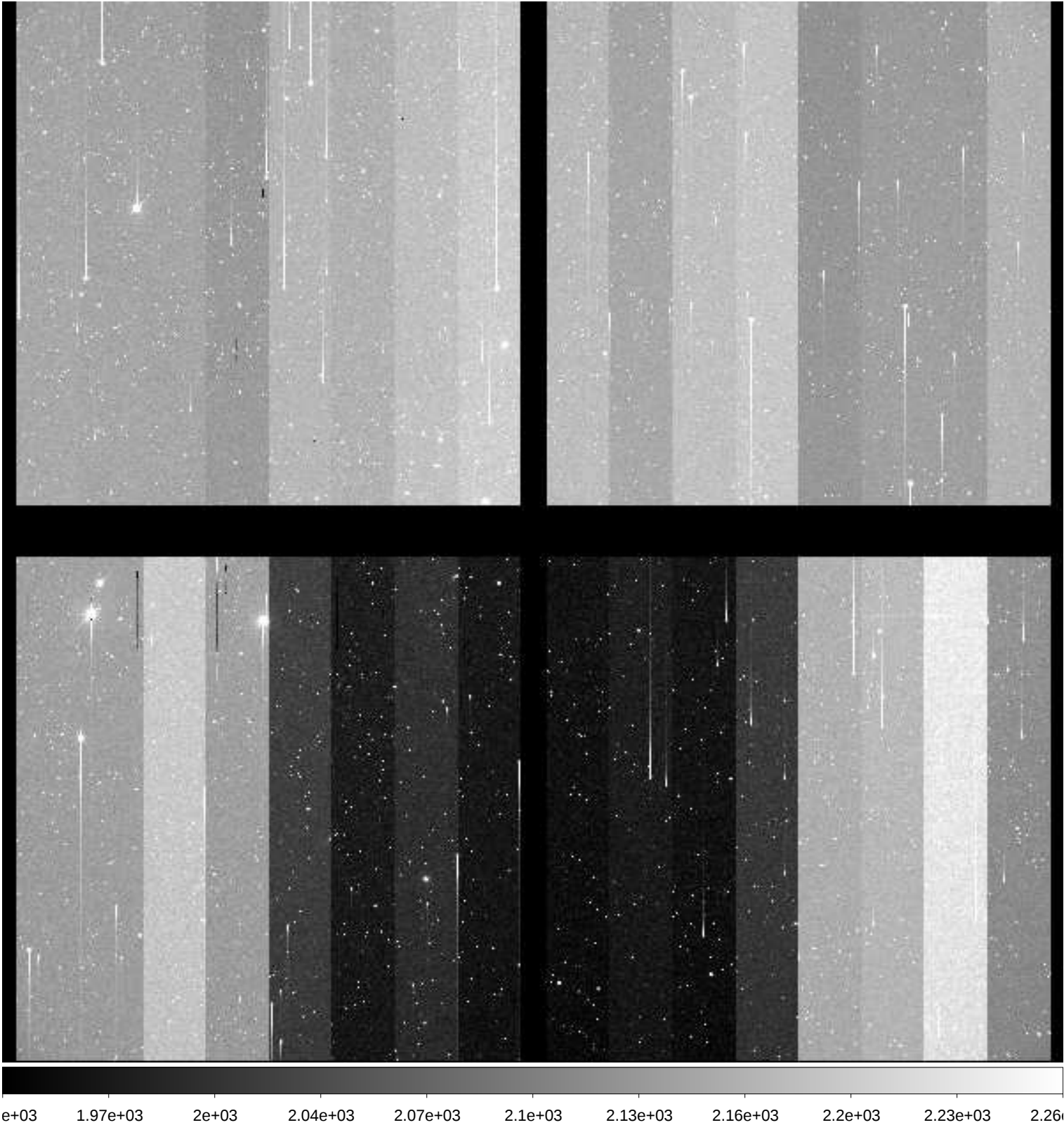
06:05:50

V

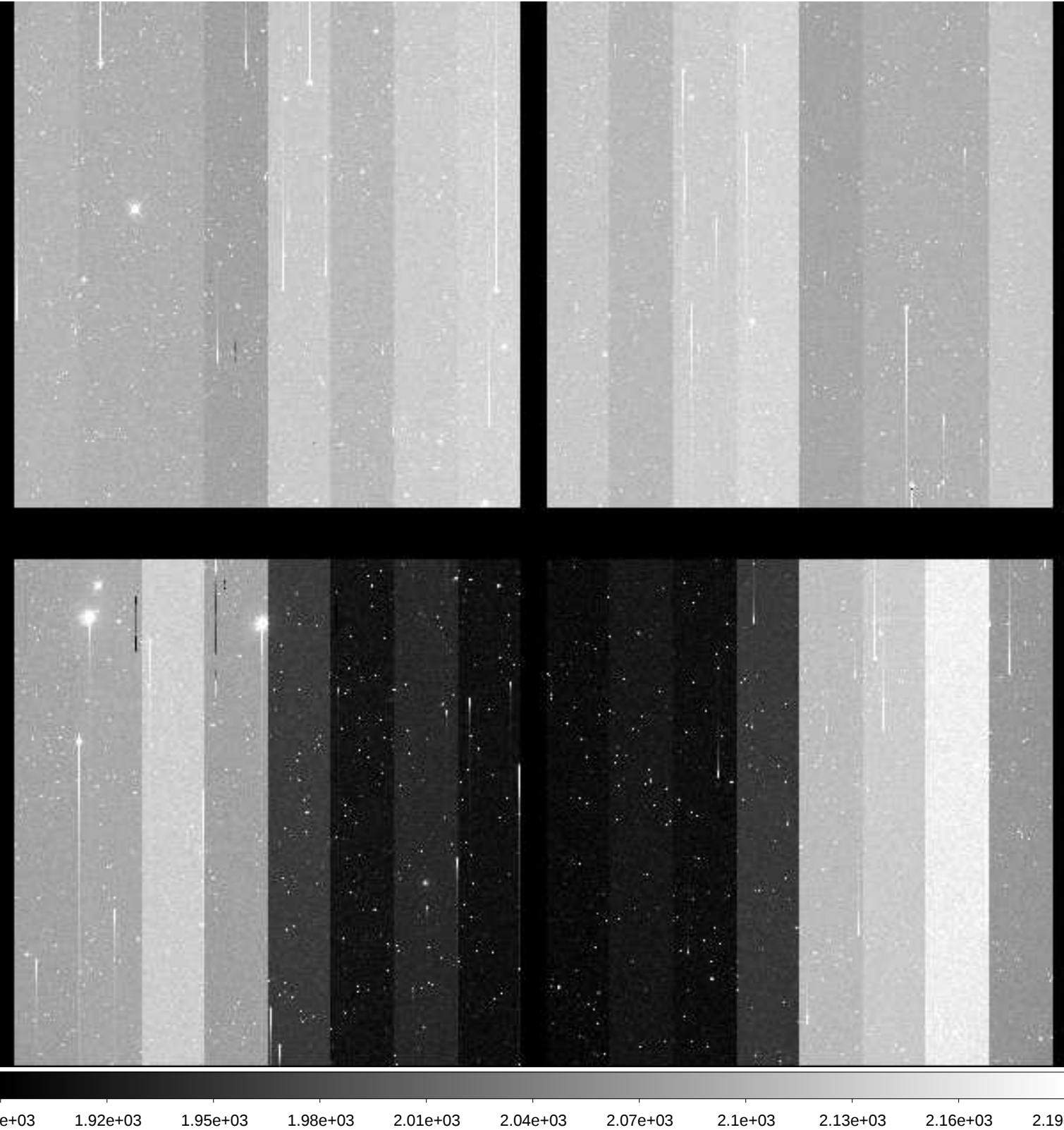
2018-11-10T07:31:34

-90.39

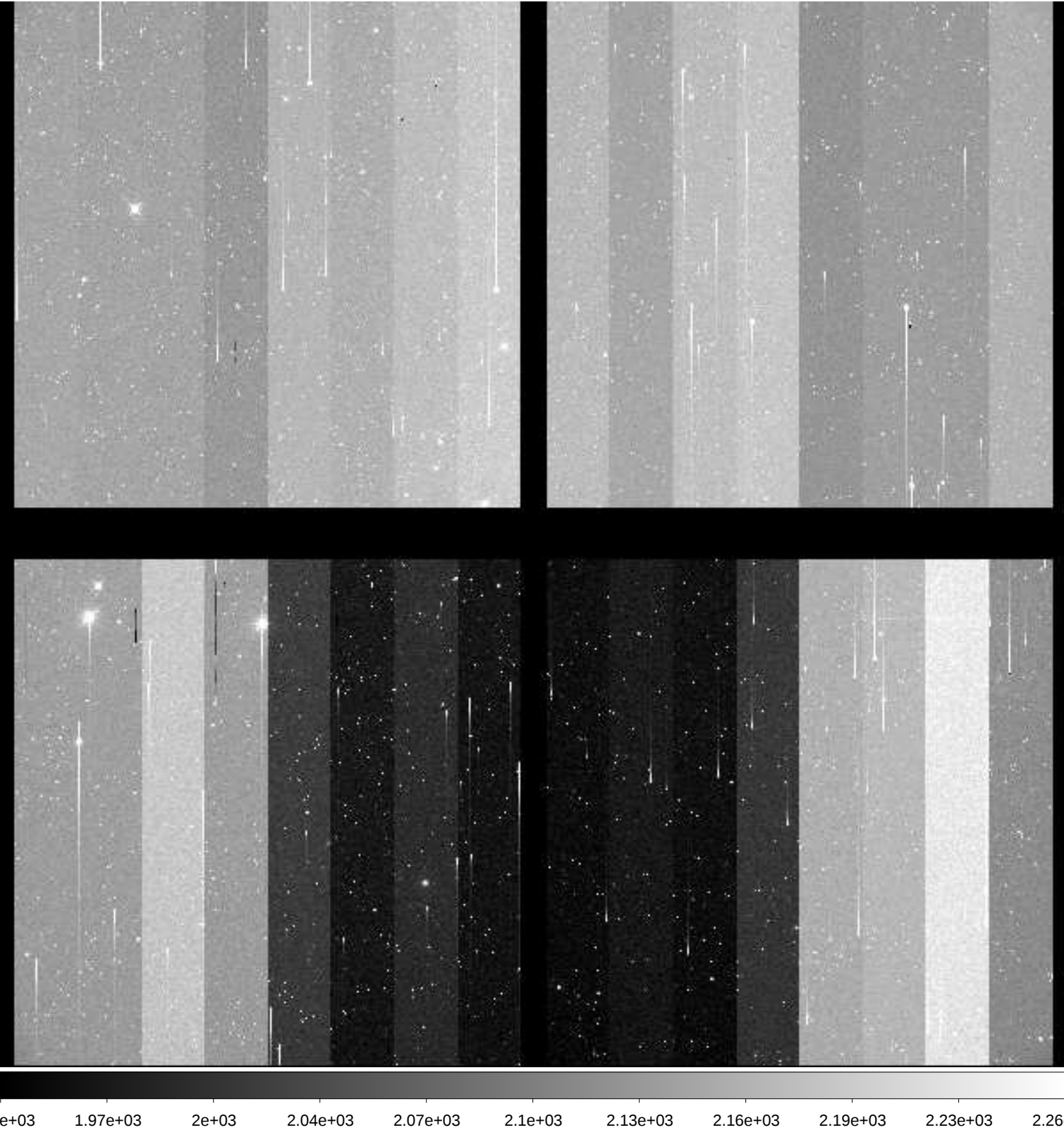
# 140 / 164 #



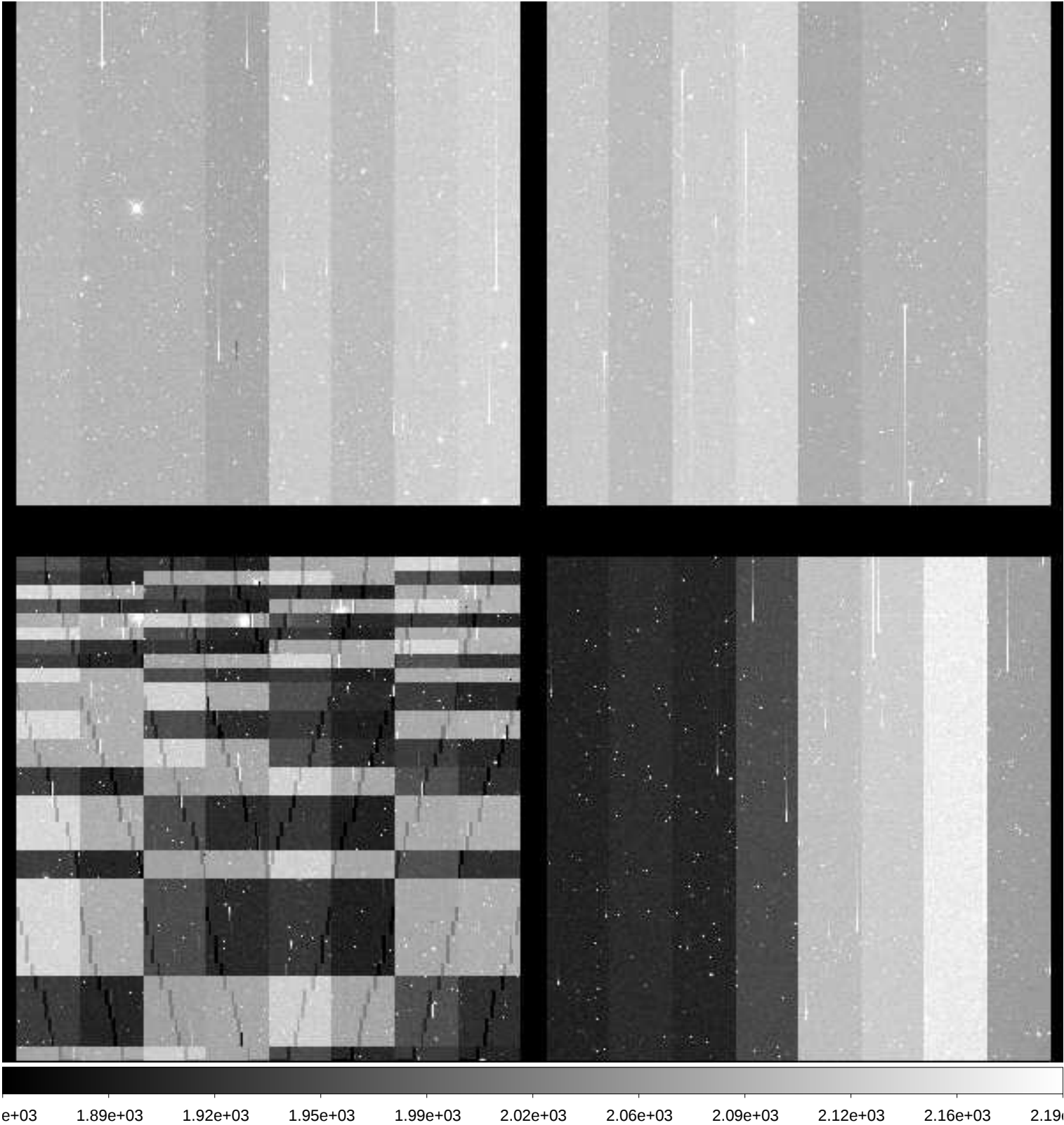
File Name : **xkmtc.20181110.004989.fits** # 141 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 06:08:48  
Filter ID : B  
Observation Date : 2018-11-10T07:34:30  
CCD Temperature : -90.42



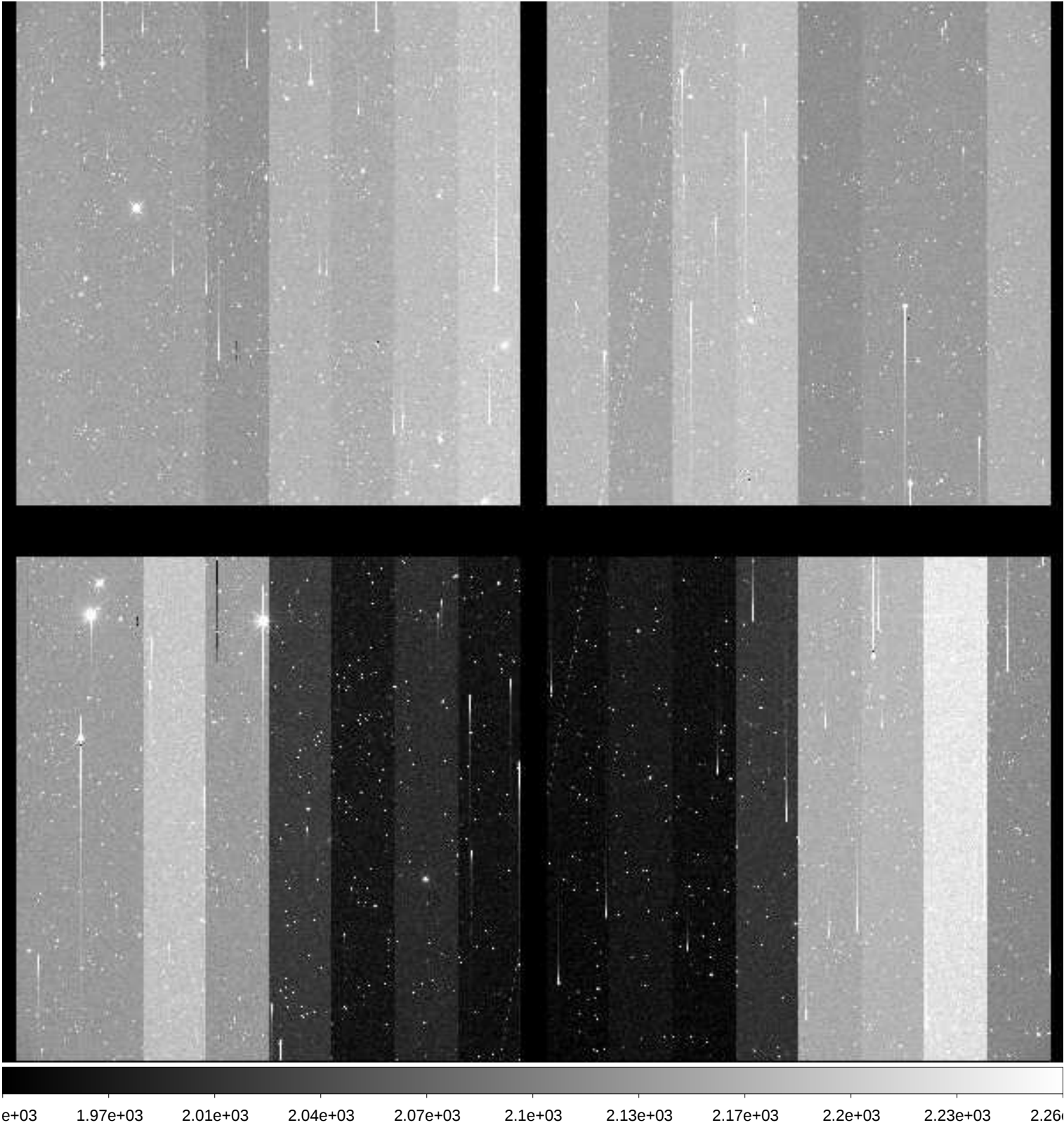
File Name : **xkmtc.20181110.004990.fits** # 142 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.940  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 06:11:46  
Filter ID : V  
Observation Date : 2018-11-10T07:37:40  
CCD Temperature : -90.45



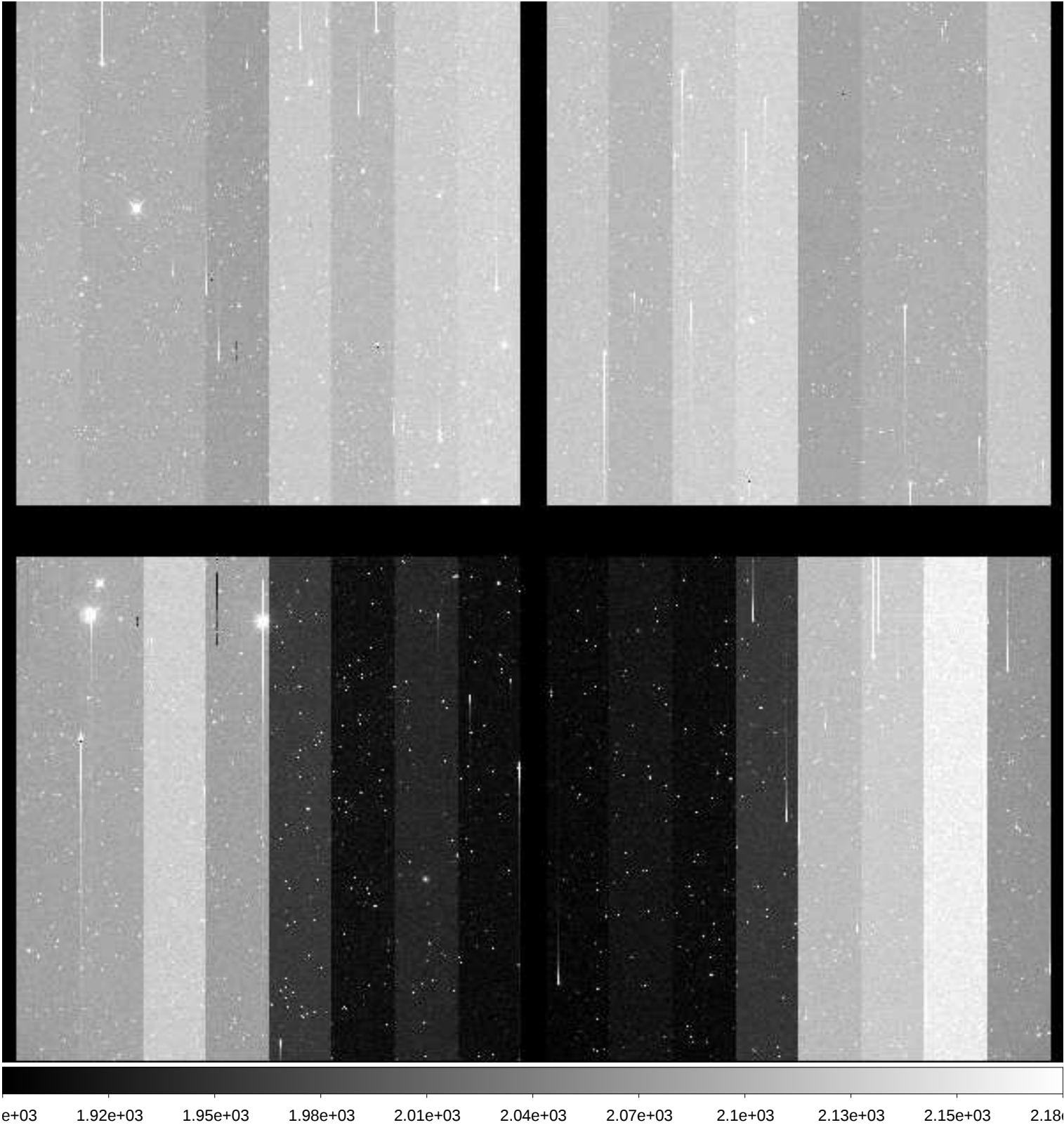
File Name : **xkmtc.20181110.004991.fits** # 143 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.970  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 06:14:55  
Filter ID : B  
Observation Date : 2018-11-10T07:40:35  
CCD Temperature : -90.48



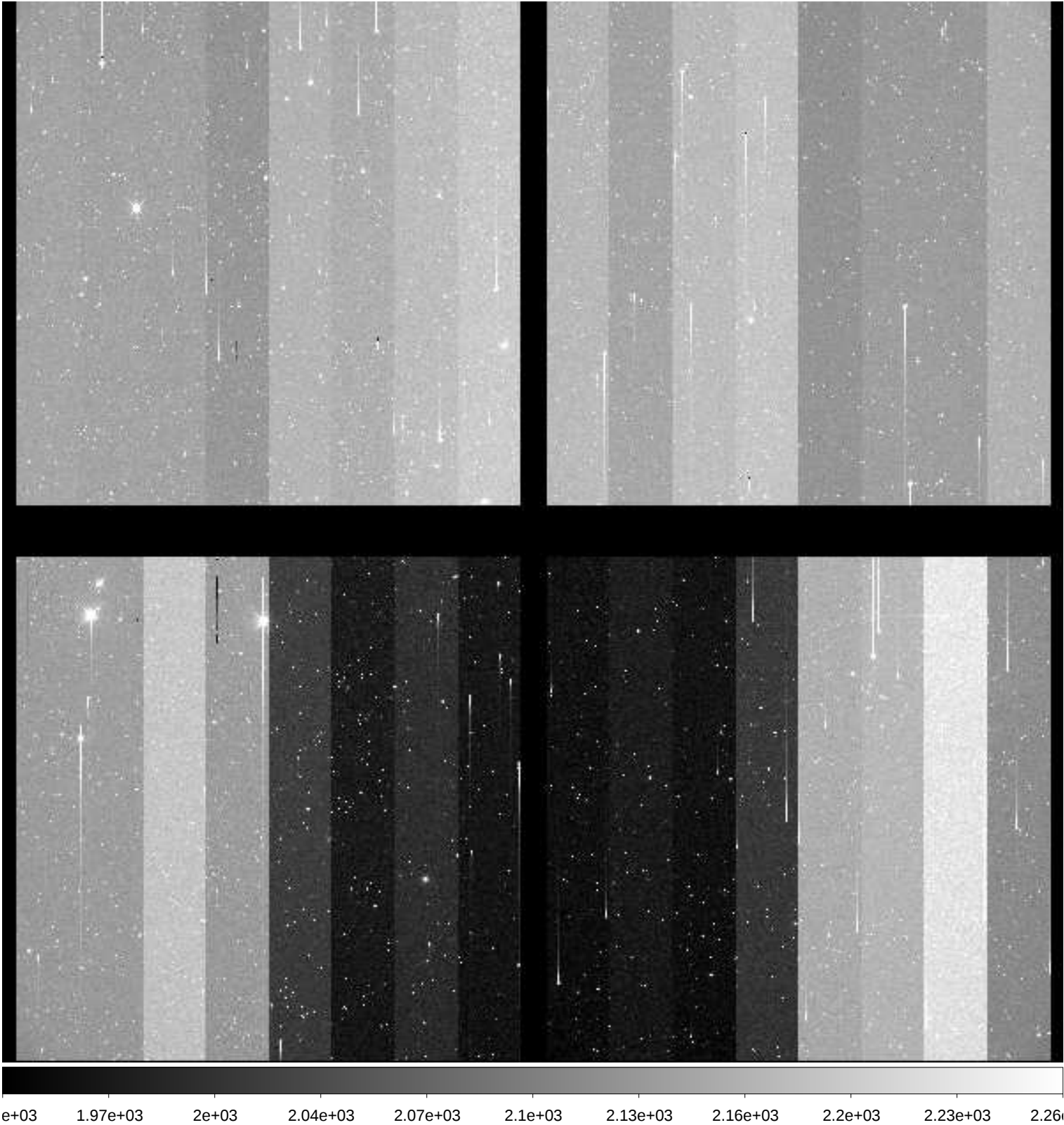
File Name : **xkmtc.20181110.004992.fits** # 144 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.01  
Sidereal Time : 06:17:52  
Filter ID : V  
Observation Date : 2018-11-10T07:43:32  
CCD Temperature : -90.51



File Name : **xkmtc.20181110.004993.fits** # 145 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **coll**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.02  
Sidereal Time : 06:20:49  
Filter ID : B  
Observation Date : 2018-11-10T07:46:28  
CCD Temperature : -90.49



File Name : **xkmtc.20181110.004994.fits** # 146 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.950  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.02  
Sidereal Time : 06:23:53  
Filter ID : V  
Observation Date : 2018-11-10T07:49:33  
CCD Temperature : -90.58



File Name : xkmtc.20181110.004995.fits # 147 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : coll

RA : 05:33:41.950

DEC : -28:31:48.00

Exposure Time : 120

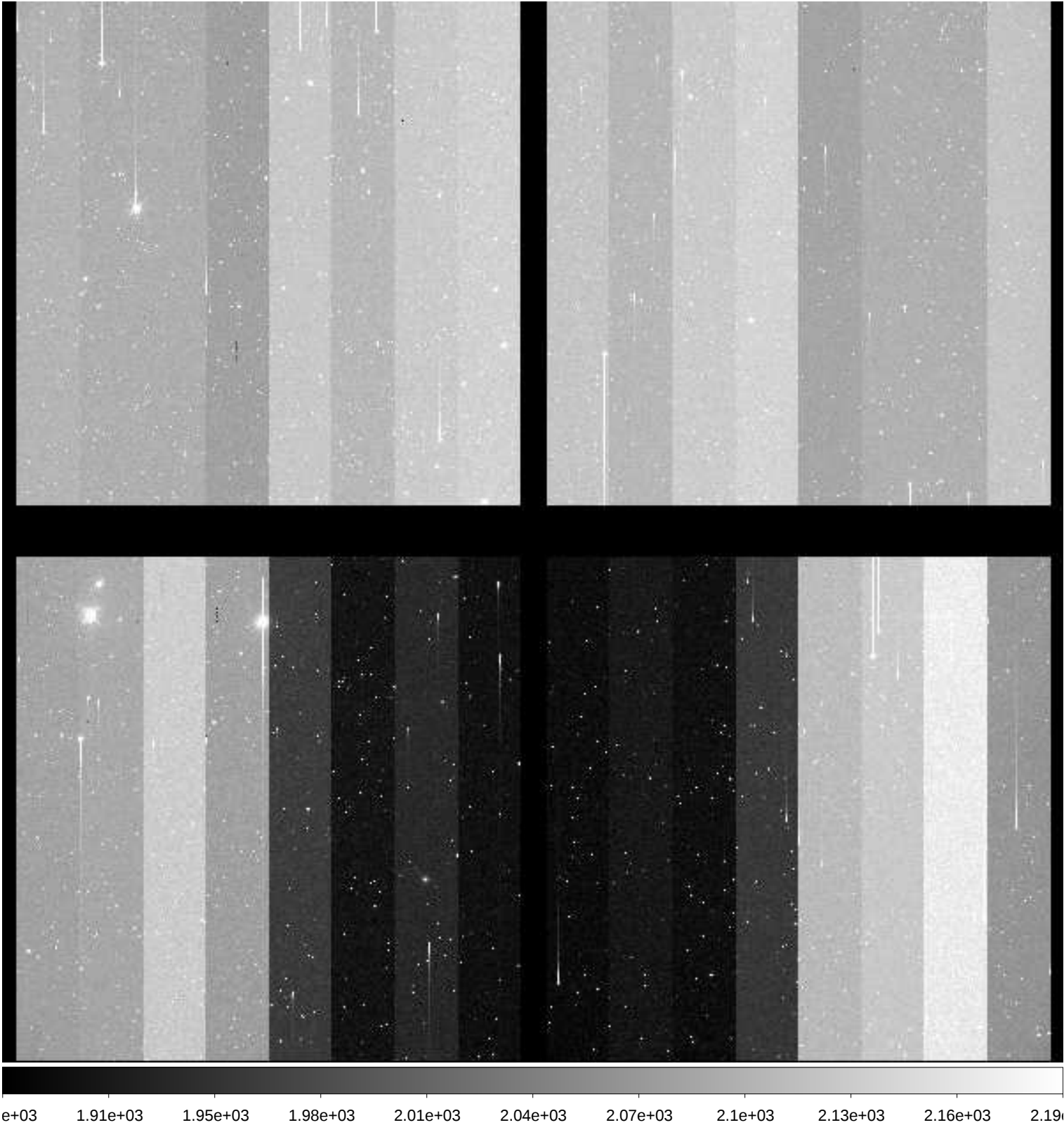
Airmass : 1.02

Sidereal Time : 06:31:10

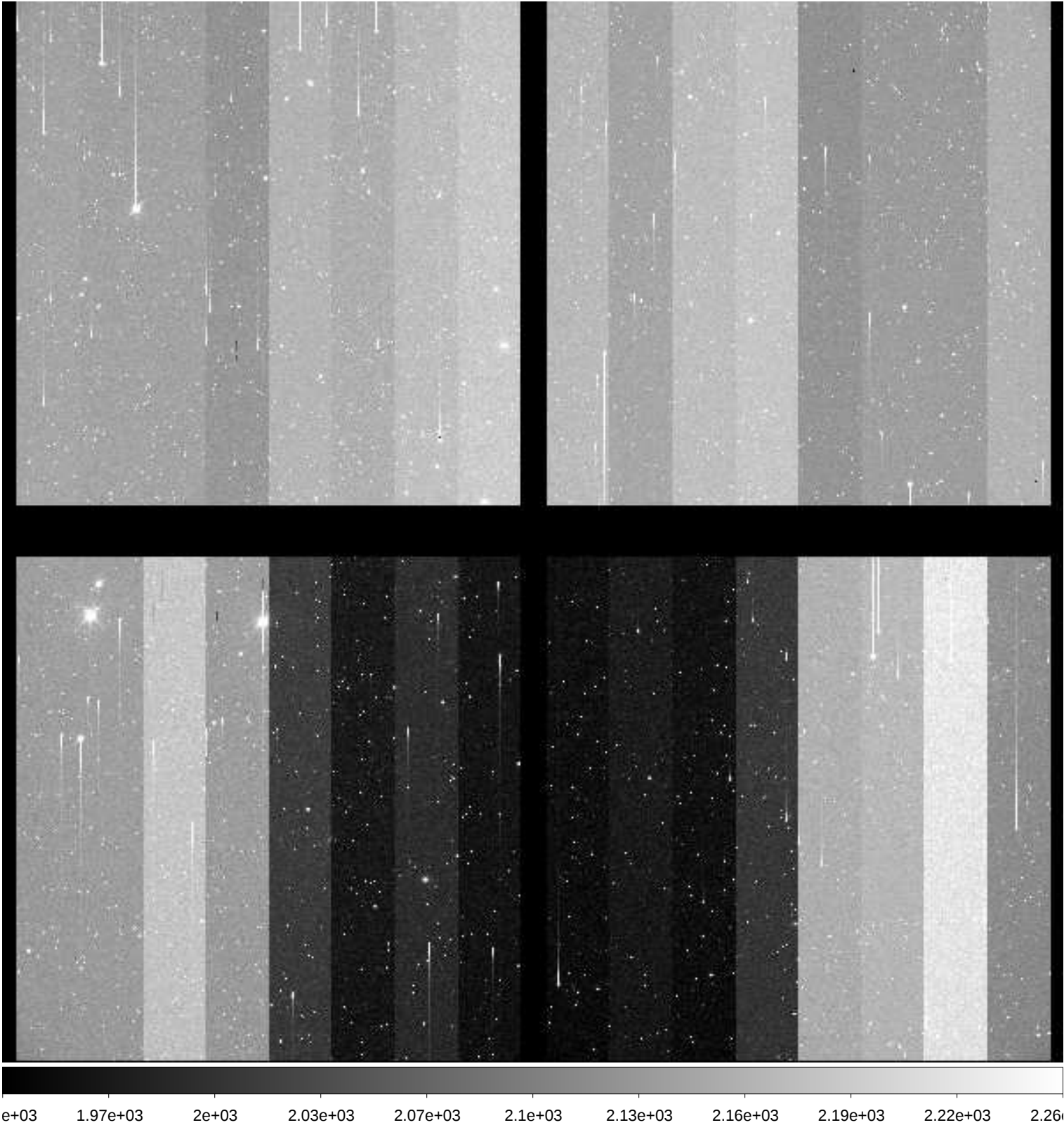
Filter ID : B

Observation Date : 2018-11-10T07:56:48

CCD Temperature : -90.61



File Name : **xkmtc.20181110.004996.fits** # 148 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.960  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.03  
Sidereal Time : 06:34:06  
Filter ID : V  
Observation Date : 2018-11-10T07:59:45  
CCD Temperature : -90.62



File Name

:

xkmtc.20181110.004997.fits

# 149 / 164 #

Project ID

:

ECSUNG

Image Type

:

OBJECT

Object Name

:

col1

RA

:

05:33:41.940

DEC

:

-28:31:48.00

Exposure Time

:

120

Airmass

:

1.03

Sidereal Time

:

06:37:07

Filter ID

:

B

Observation Date

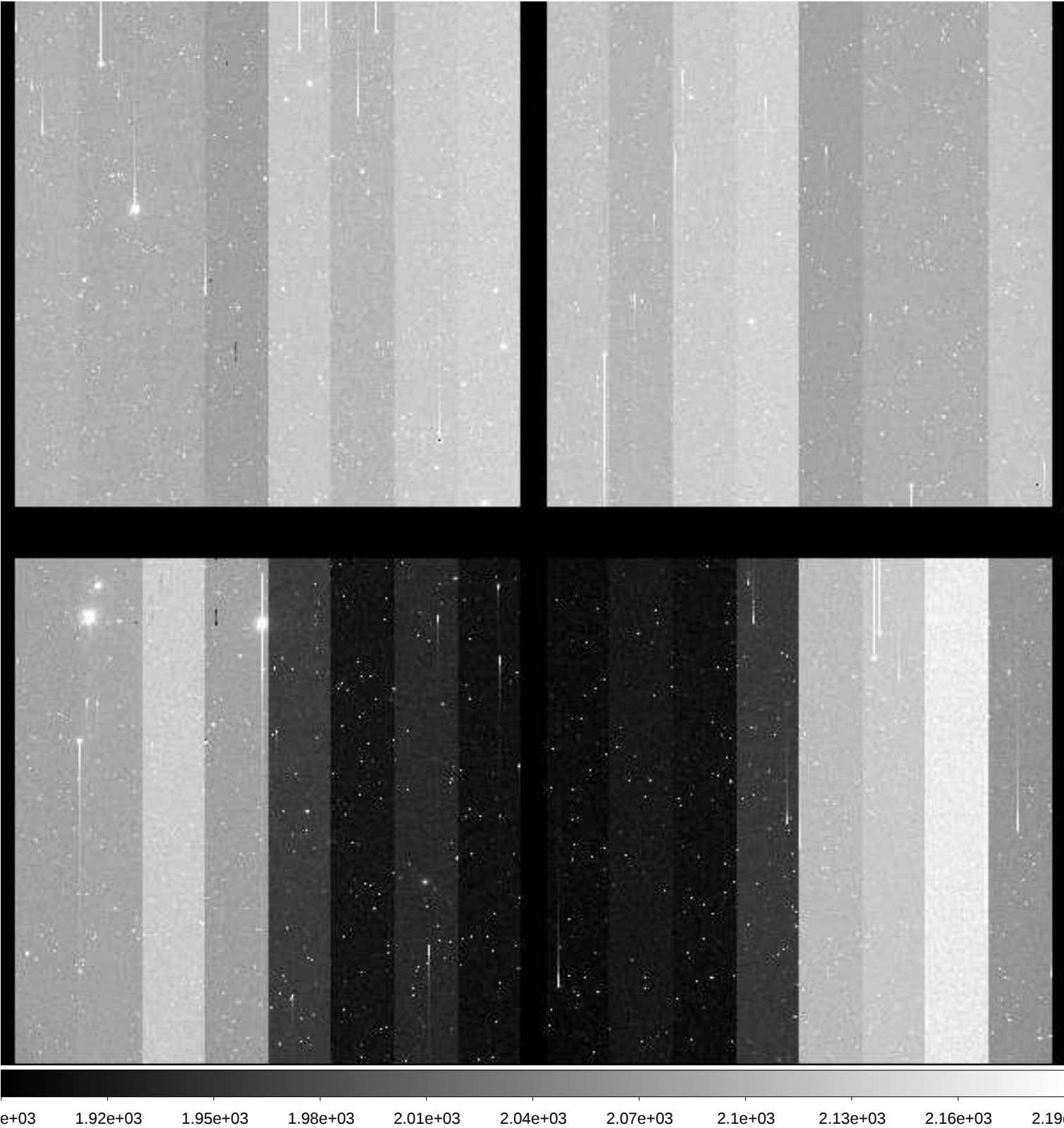
:

2018-11-10T08:02:44

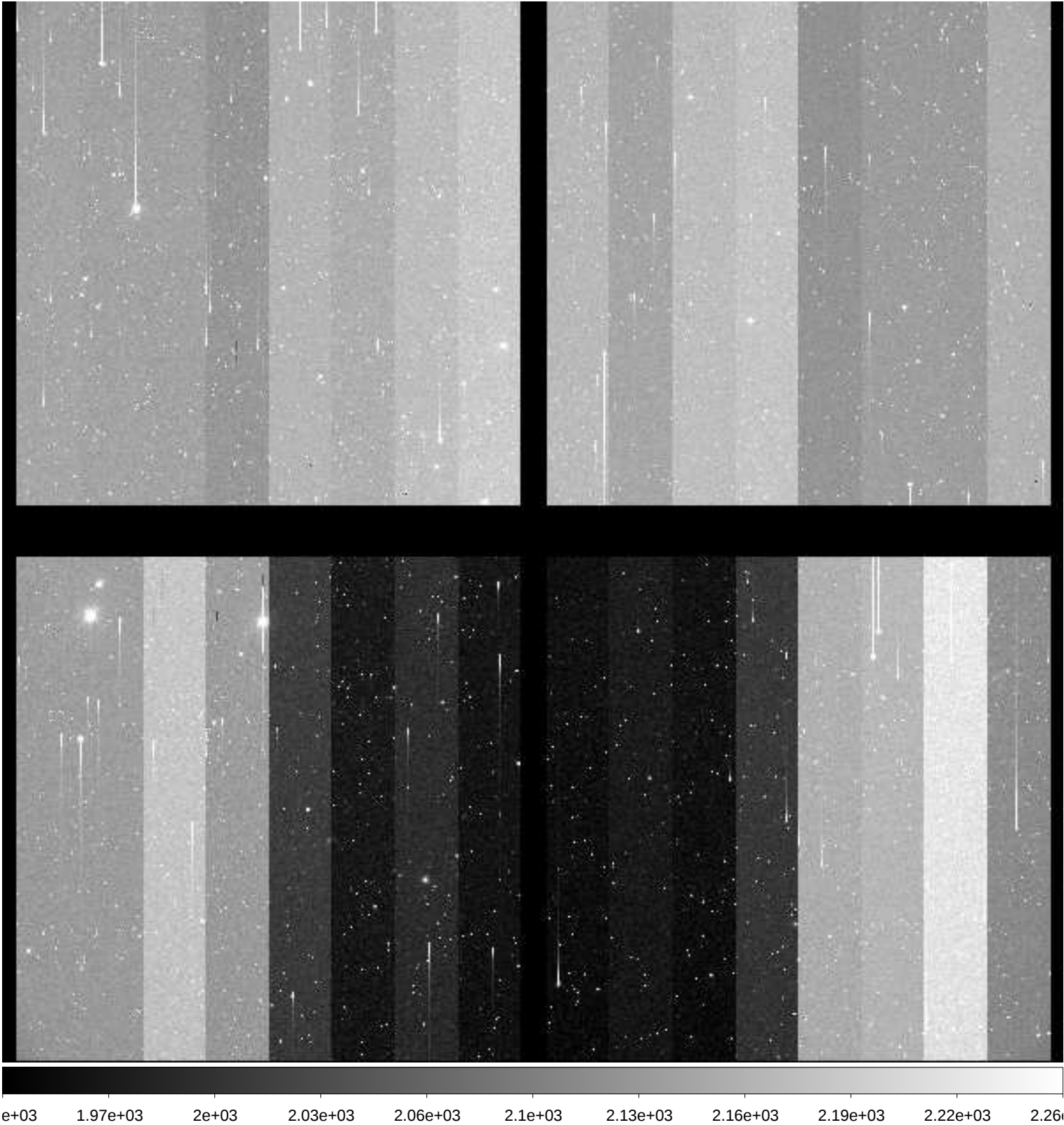
CCD Temperature

:

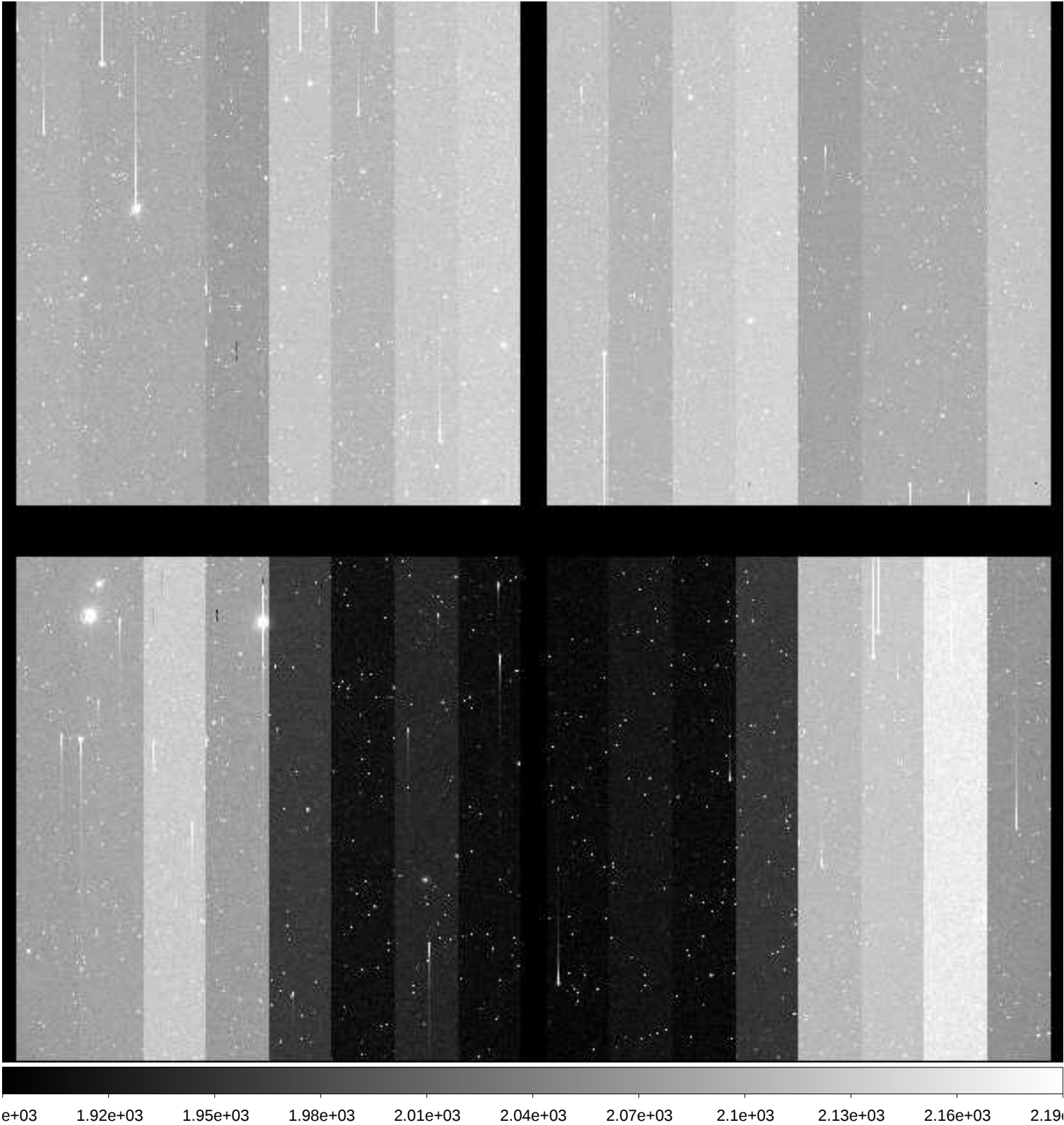
-90.66



File Name : **xkmtc.20181110.004998.fits** # 150 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.940  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.03  
Sidereal Time : 06:40:10  
Filter ID : V  
Observation Date : 2018-11-10T08:05:47  
CCD Temperature : -89.35



File Name : **xkmtc.20181110.004999.fits** # 151 / 164 #  
Project ID : ECSUNG  
Image Type : OBJECT  
Object Name : **col1**  
RA : 05:33:41.940  
DEC : -28:31:48.00  
Exposure Time : 120  
Airmass : 1.04  
Sidereal Time : 06:43:07  
Filter ID : B  
Observation Date : 2018-11-10T08:08:44  
CCD Temperature : -90.51



File Name : **xkmtc.20181110.005000.fits** # 152 / 164 #

Project ID : ECSUNG

Image Type : OBJECT

Object Name : **col1**

RA : 05:33:41.940

DEC : -28:31:48.00

Exposure Time : 120

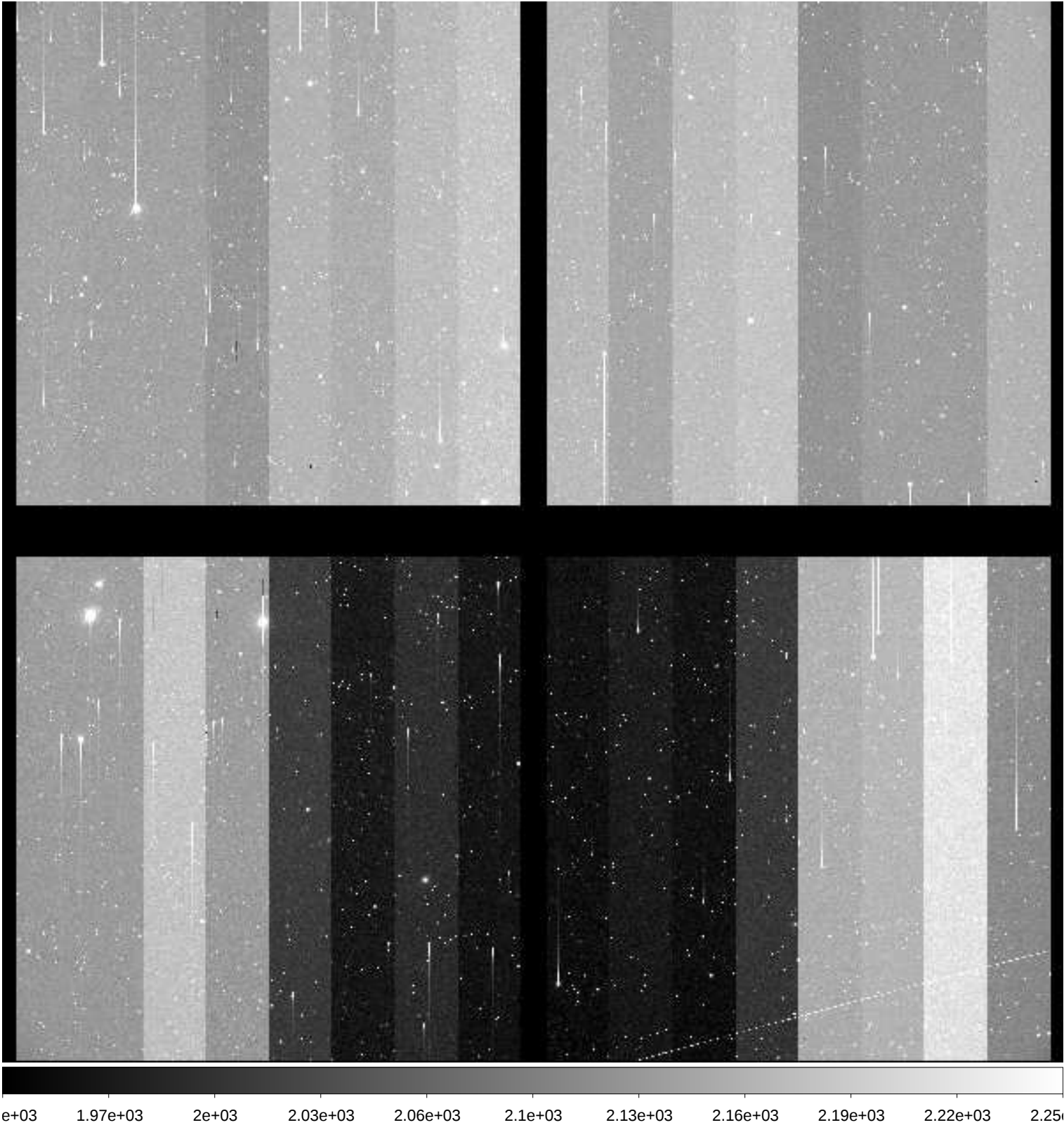
Airmass : 1.04

Sidereal Time : 06:46:05

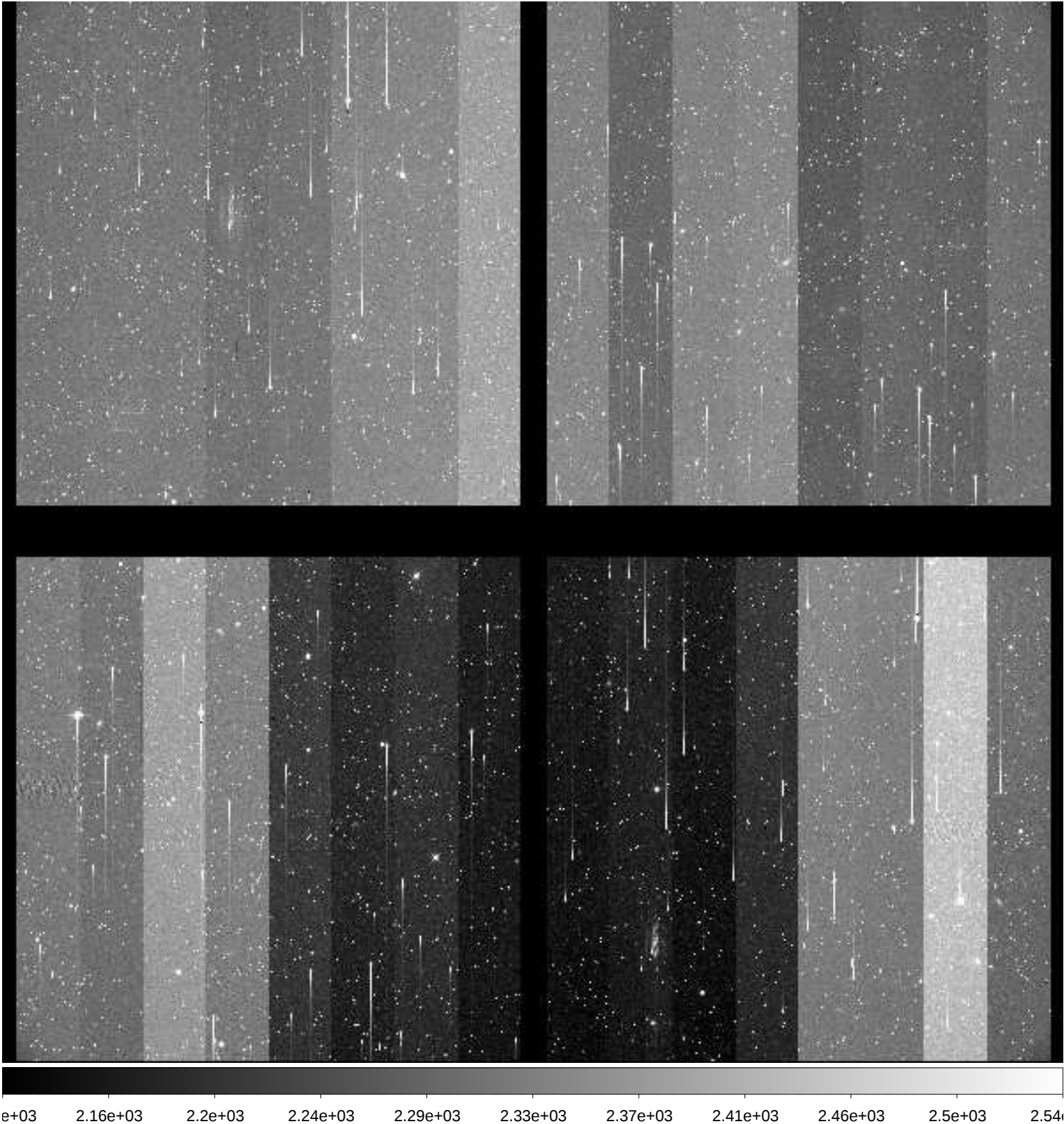
Filter ID : V

Observation Date : 2018-11-10T08:11:40

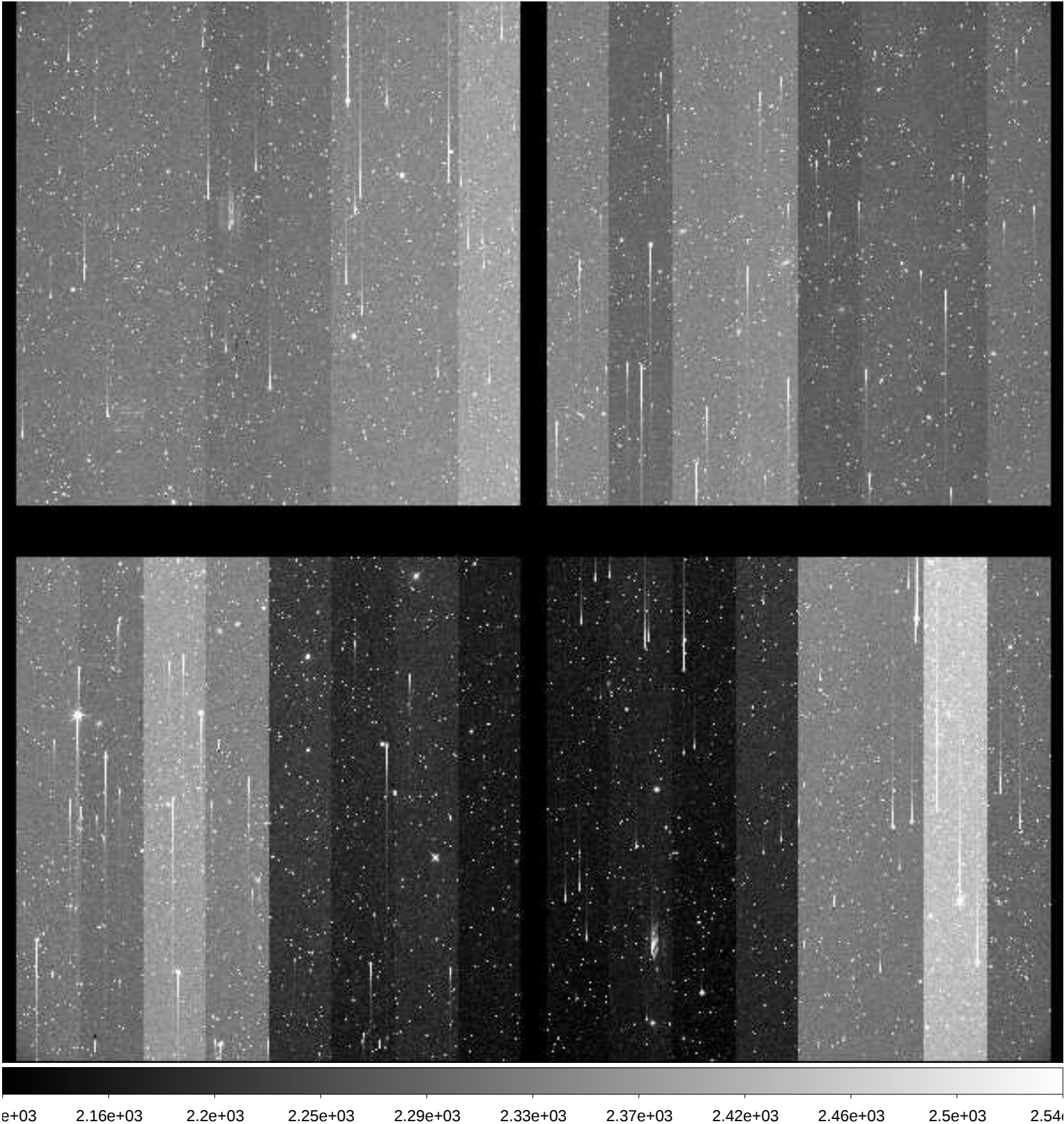
CCD Temperature : -90.61



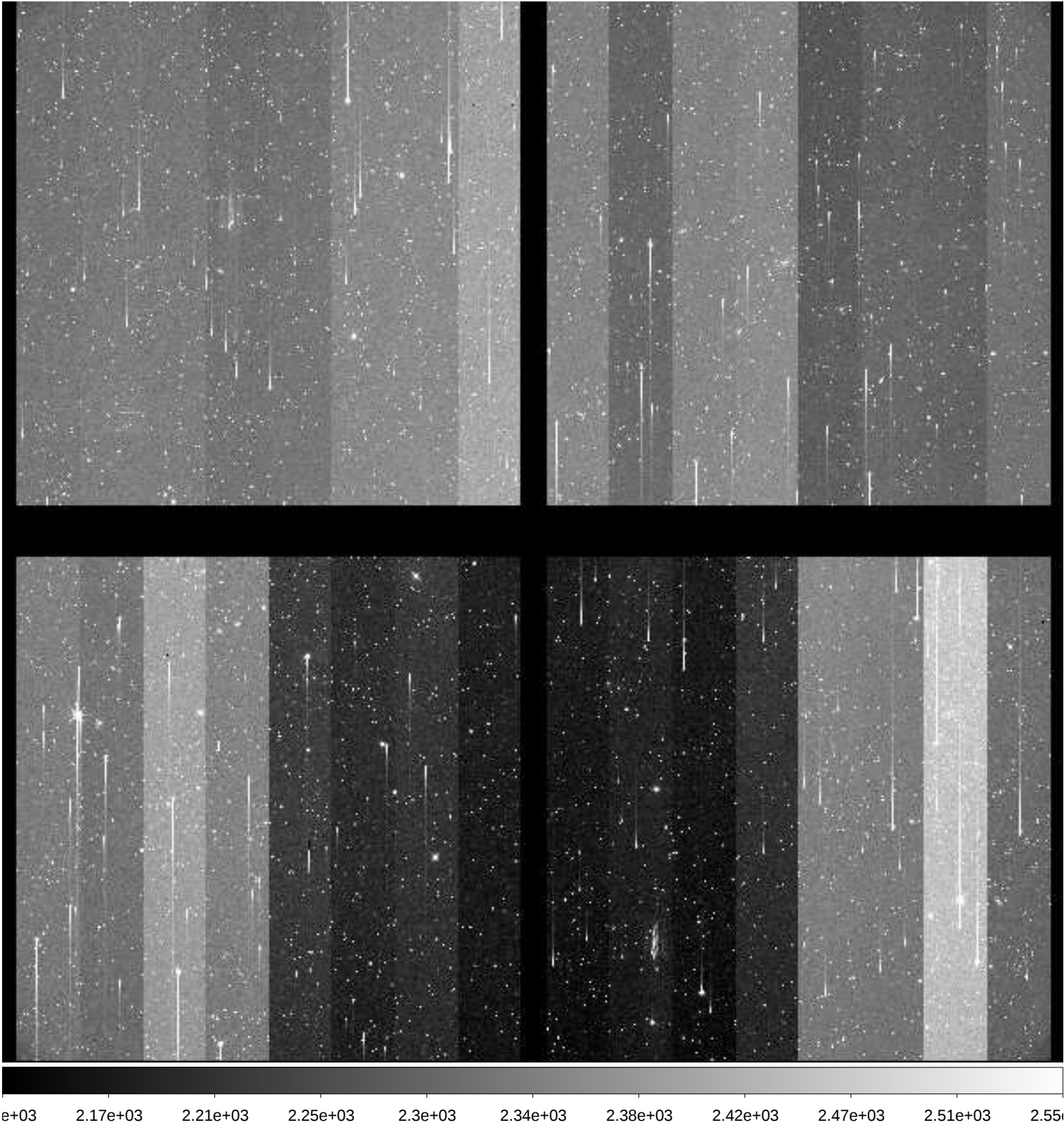
File Name : **xkmtc.20181110.005001.fits** # 153 / 164 #  
Project ID : DIR  
Image Type : OBJECT  
Object Name : **GAIA18DDP**  
RA : 06:31:10.020  
DEC : -54:59:30.10  
Exposure Time : 120  
Airmass : 1.11  
Sidereal Time : 06:53:46  
Filter ID : R  
Observation Date : 2018-11-10T08:19:21  
CCD Temperature : -90.76



File Name : **xkmtc.20181110.005002.fits** # 154 / 164 #  
Project ID : DIR  
Image Type : OBJECT  
Object Name : **GAIA18DDP**  
RA : 06:31:09.970  
DEC : -54:59:30.10  
Exposure Time : 120  
Airmass : 1.11  
Sidereal Time : 06:56:42  
Filter ID : R  
Observation Date : 2018-11-10T08:22:17  
CCD Temperature : -90.78



File Name : **xkmtc.20181110.005003.fits** # 155 / 164 #  
Project ID : DIR  
Image Type : OBJECT  
Object Name : **GAIA18DDP**  
RA : 06:31:09.990  
DEC : -54:59:30.30  
Exposure Time : 120  
Airmass : 1.11  
Sidereal Time : 06:59:39  
Filter ID : R  
Observation Date : 2018-11-10T08:25:14  
CCD Temperature : -90.82



File Name : **xkmtc.20181110.005004.fits** # 156 / 164 #

Project ID : DIR

Image Type : OBJECT

Object Name : **GAIA18DDP**

RA : 06:31:09.990

DEC : -54:59:30.30

Exposure Time : 120

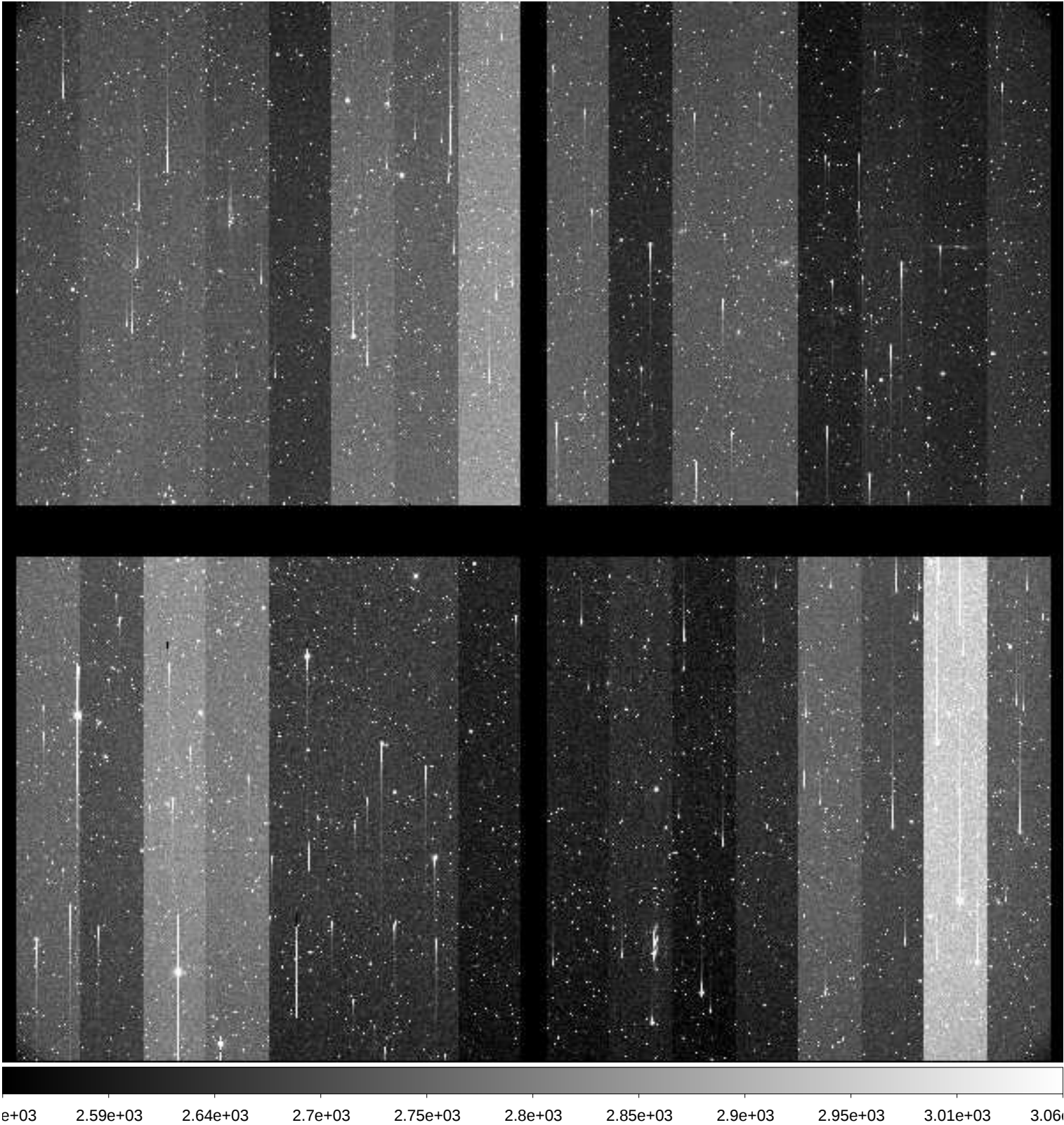
Airmass : 1.11

Sidereal Time : 07:02:38

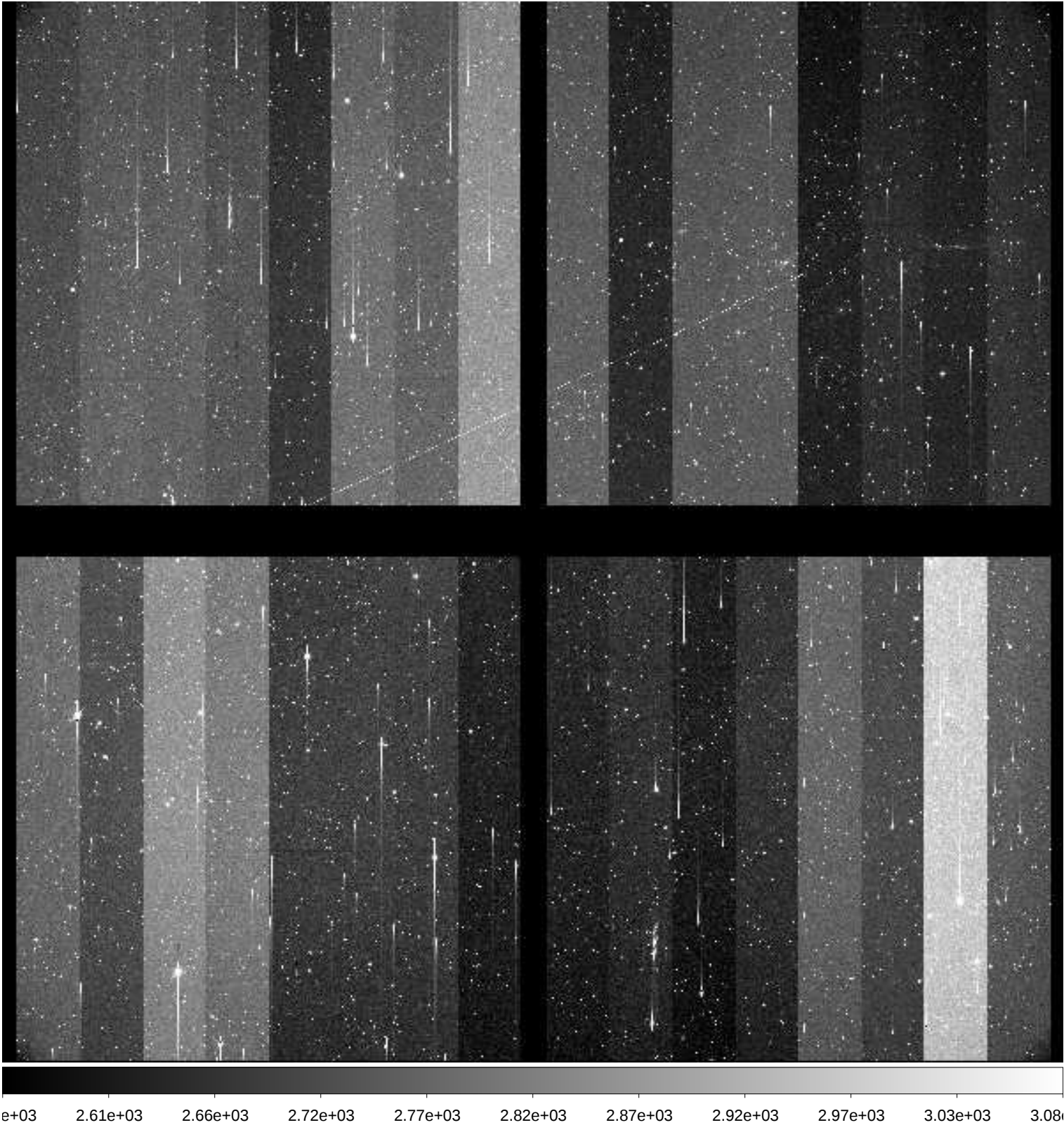
Filter ID : I

Observation Date : 2018-11-10T08:28:11

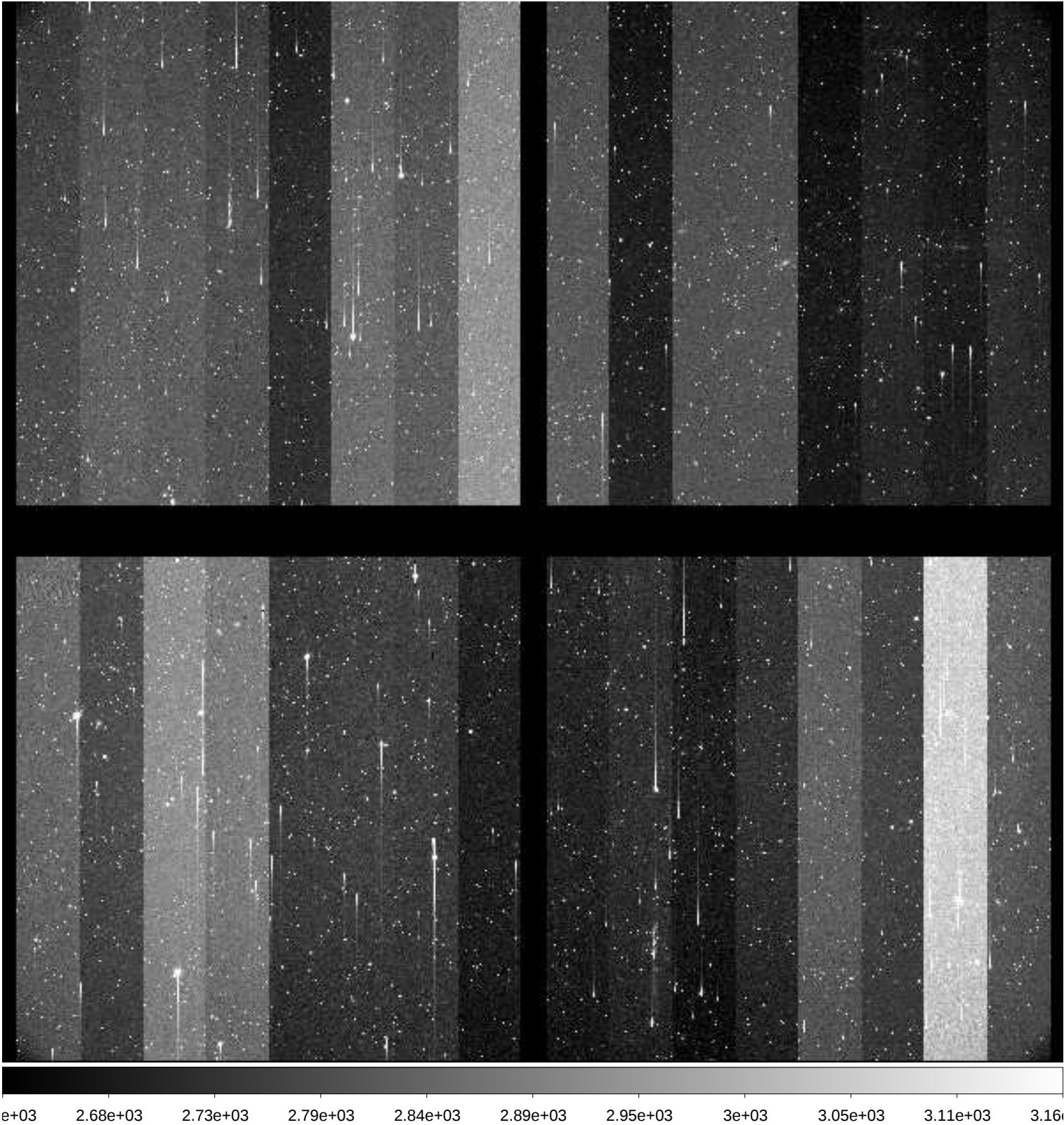
CCD Temperature : -90.85



File Name : **xkmtc.20181110.005005.fits** # 157 / 164 #  
Project ID : DIR  
Image Type : OBJECT  
Object Name : **GAIA18DDP**  
RA : 06:31:09.990  
DEC : -54:59:30.30  
Exposure Time : 120  
Airmass : 1.11  
Sidereal Time : 07:05:36  
Filter ID : I  
Observation Date : 2018-11-10T08:31:08  
CCD Temperature : -90.88



File Name : **xkmtc.20181110.005006.fits** # 158 / 164 #  
Project ID : DIR  
Image Type : OBJECT  
Object Name : **GAIA18DDP**  
RA : 06:31:09.990  
DEC : -54:59:30.30  
Exposure Time : 120  
Airmass : 1.11  
Sidereal Time : 07:08:43  
Filter ID : I  
Observation Date : 2018-11-10T08:34:15  
CCD Temperature : -90.94



File Name : **xkmtc.20181110.005007.fits** # 159 / 164 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 07:14:40.680

DEC : -29:58:42.10

Exposure Time : 0

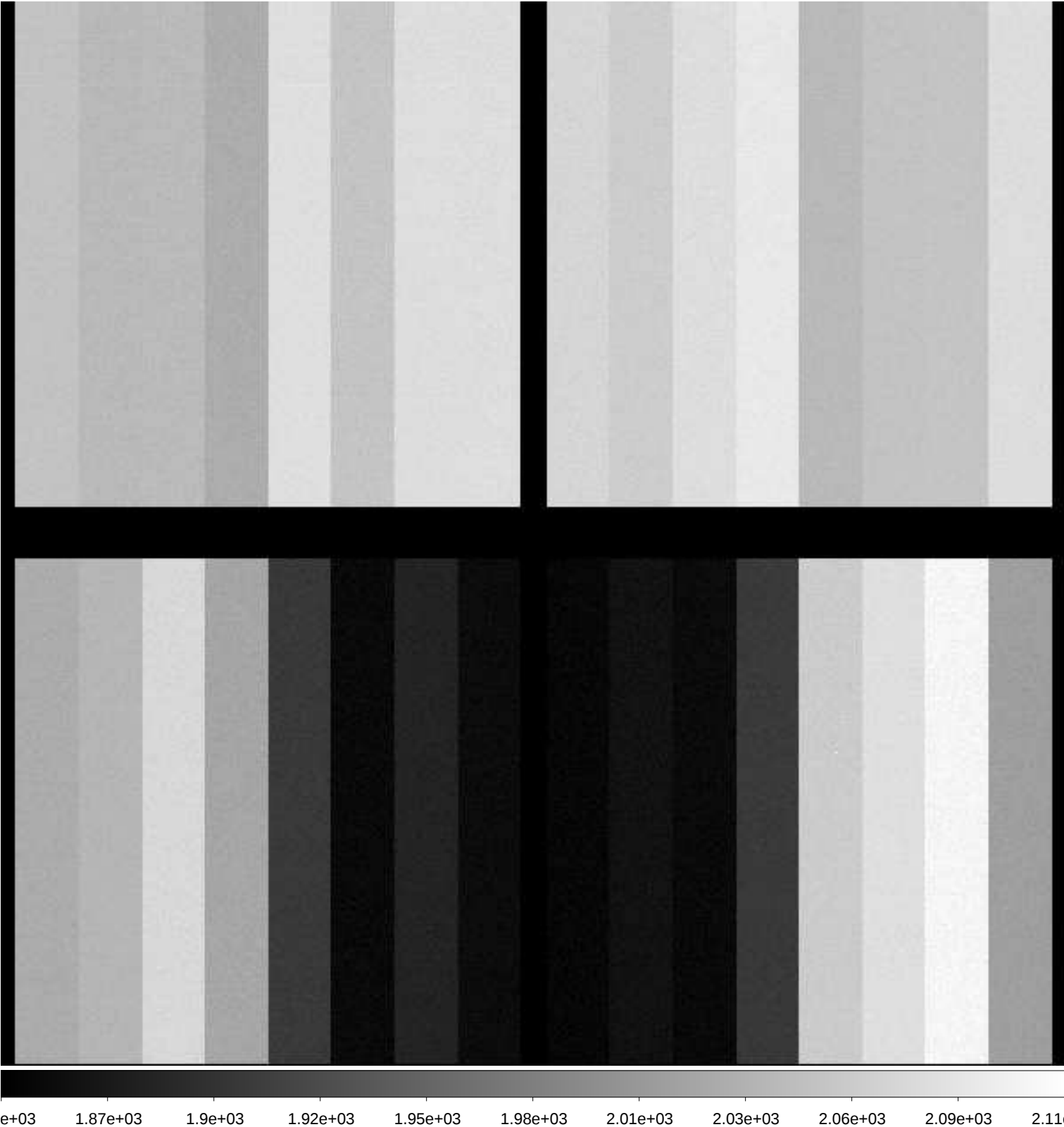
Airmass : 1.00

Sidereal Time : 07:15:19

Filter ID : V

Observation Date : 2018-11-10T08:40:49

CCD Temperature : -90.74



File Name : **xkmtc.20181110.005008.fits** # 160 / 164 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 07:15:42.430

DEC : -29:58:40.60

Exposure Time : 0

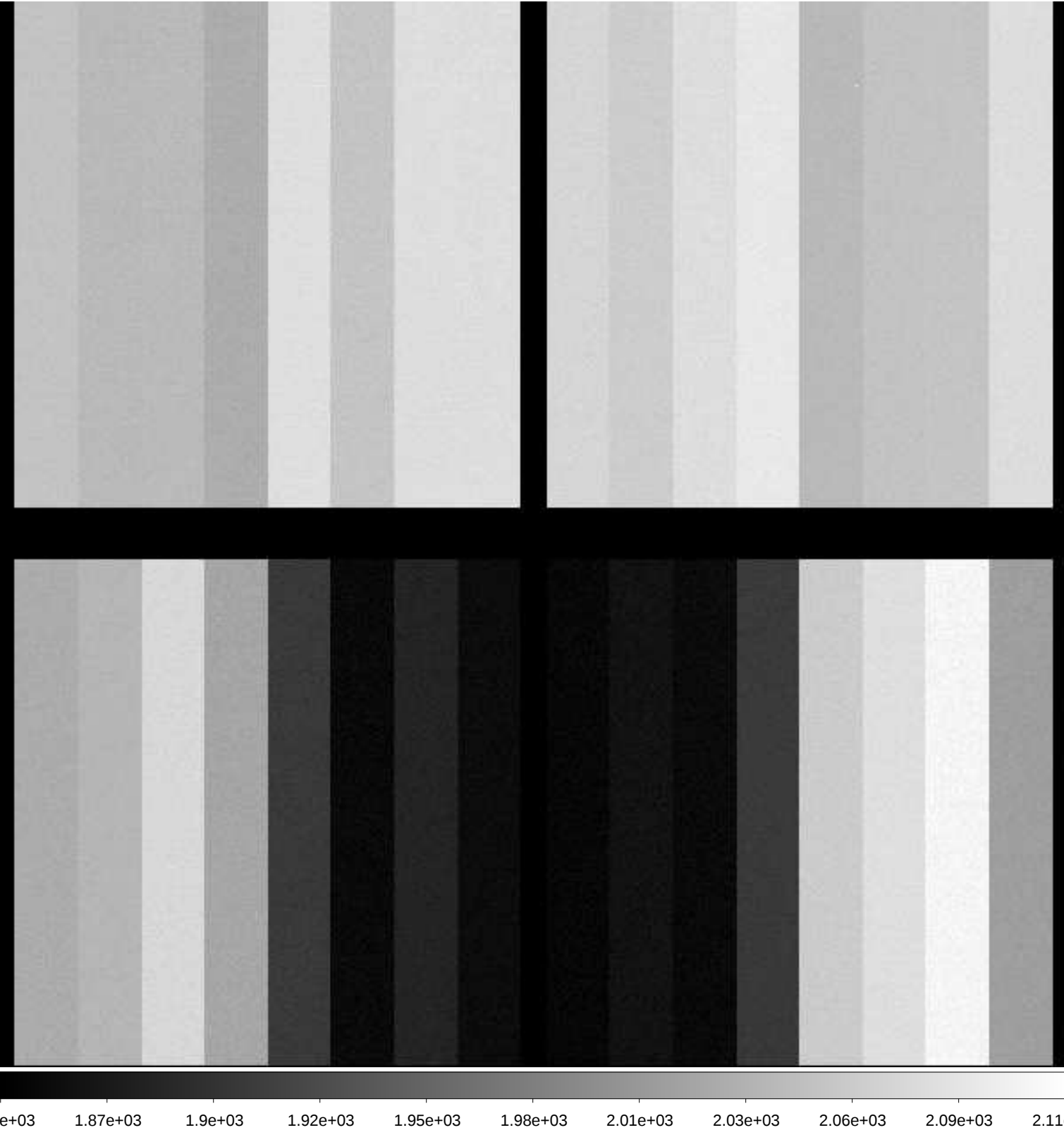
Airmass : 1.00

Sidereal Time : 07:16:20

Filter ID : V

Observation Date : 2018-11-10T08:41:51

CCD Temperature : -90.81



File Name : **xkmtc.20181110.005009.fits** # 161 / 164 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 07:16:50.760

DEC : -29:58:38.90

Exposure Time : 0

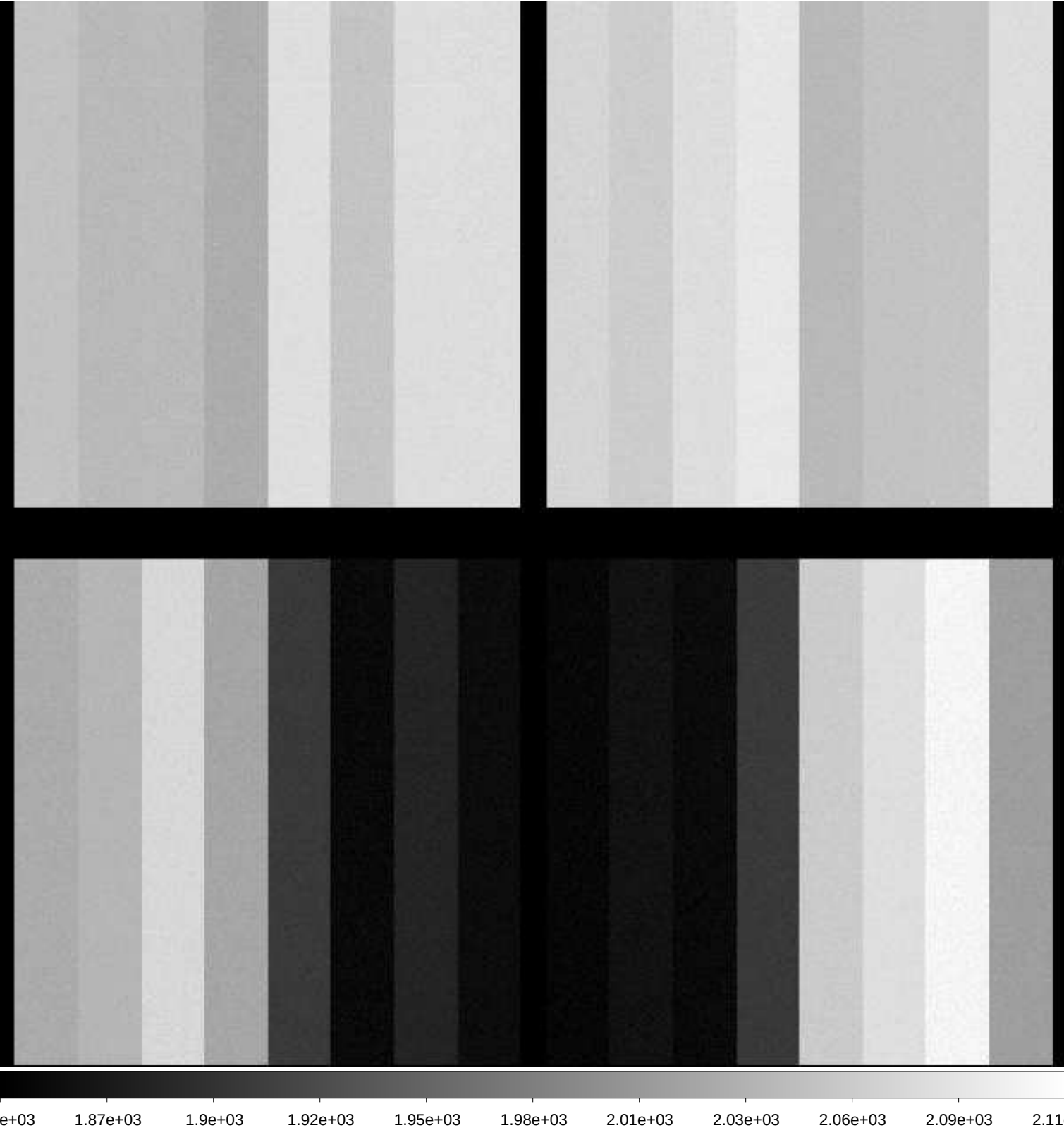
Airmass : 1.00

Sidereal Time : 07:17:29

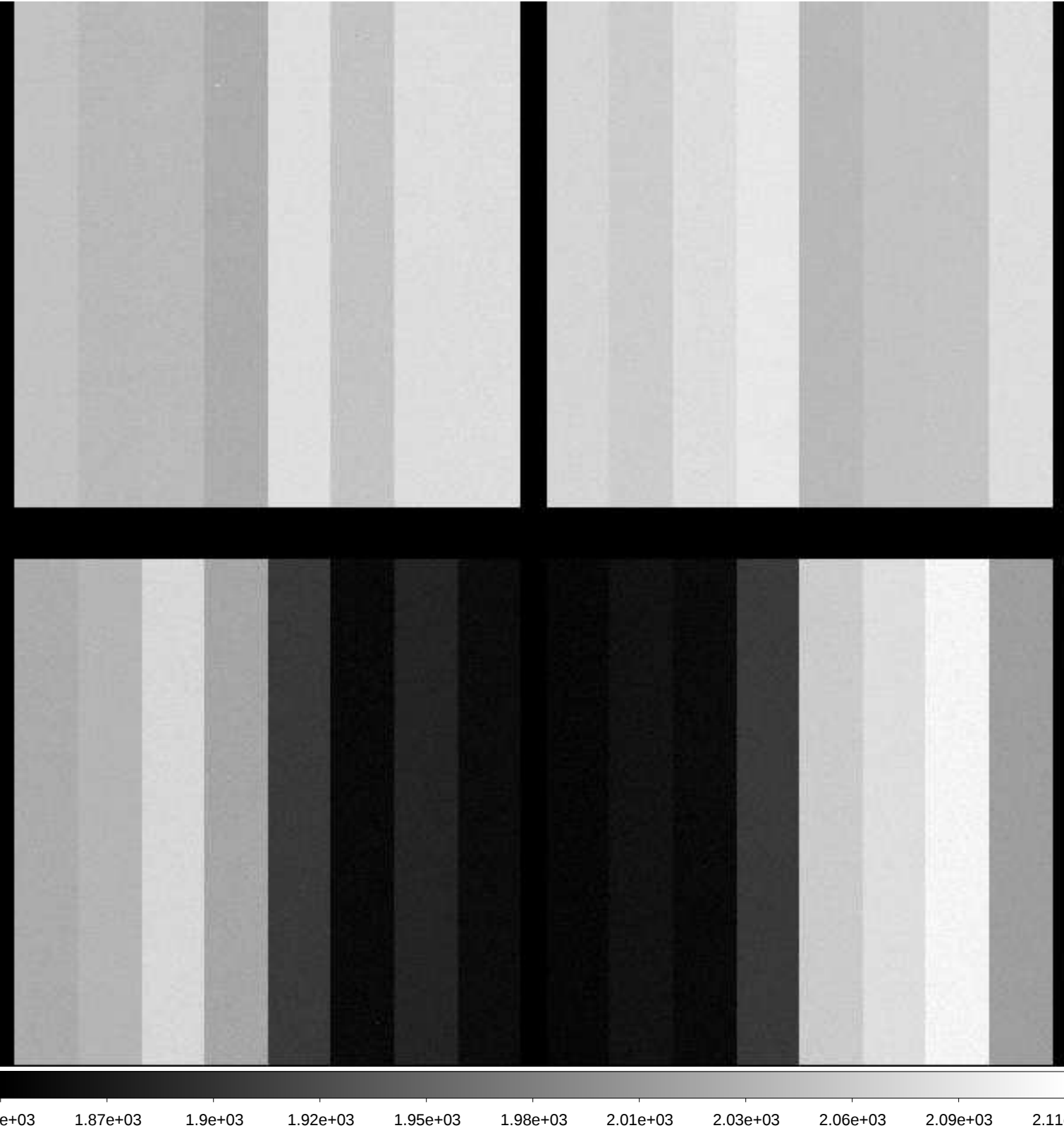
Filter ID : V

Observation Date : 2018-11-10T08:42:59

CCD Temperature : -90.87



File Name : **xkmtc.20181110.005010.fits** # 162 / 164 #  
Project ID : ALL  
Image Type : BIAS  
Object Name : **bias**  
RA : 07:17:49.090  
DEC : -29:58:37.40  
Exposure Time : 0  
Airmass : 1.00  
Sidereal Time : 07:18:27  
Filter ID : V  
Observation Date : 2018-11-10T08:43:58  
CCD Temperature : -88.5



File Name : **xkmtc.20181110.005011.fits** # 163 / 164 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 07:18:44.750

DEC : -29:58:36.00

Exposure Time : 0

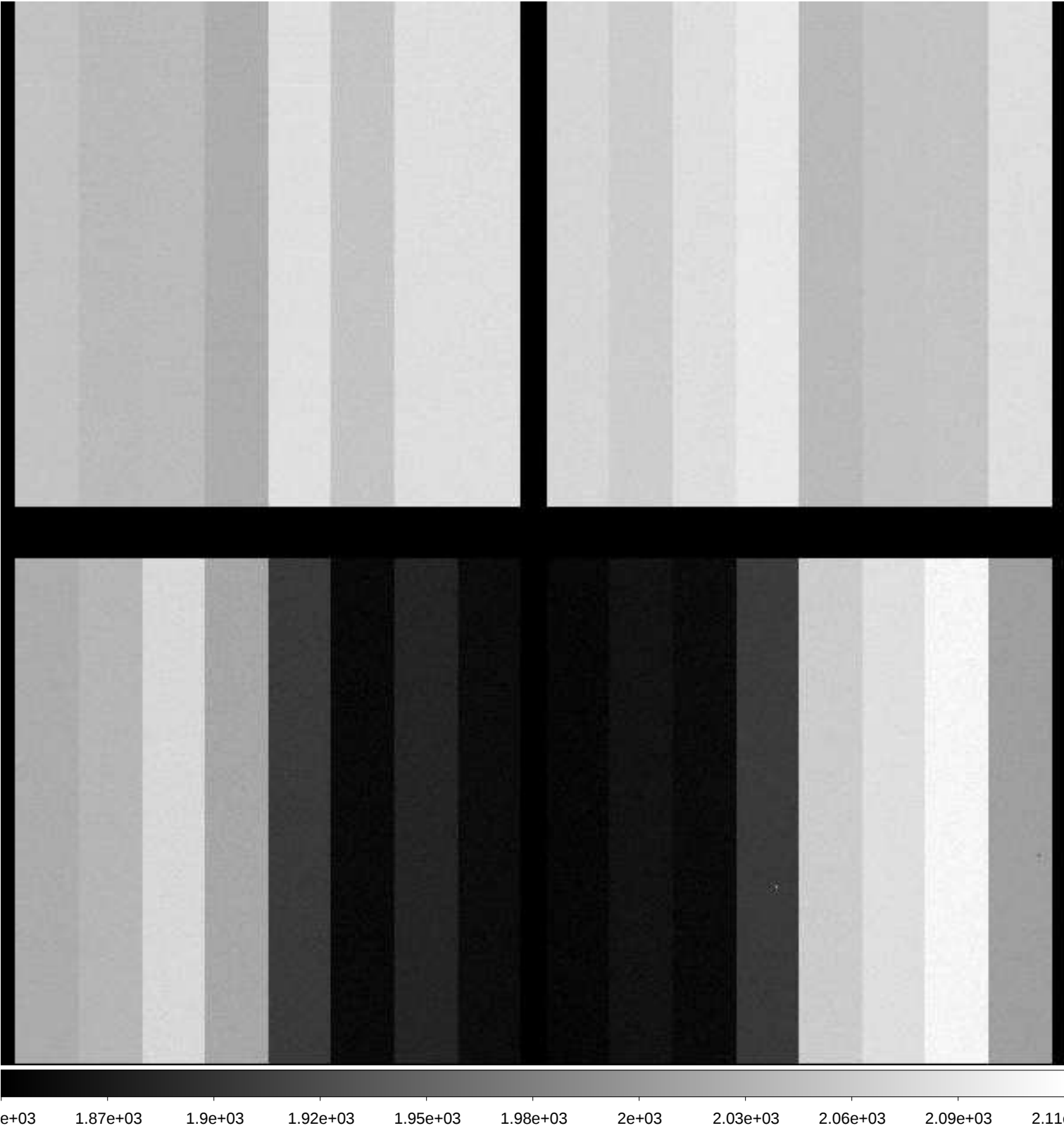
Airmass : 1.00

Sidereal Time : 07:19:23

Filter ID : V

Observation Date : 2018-11-10T08:44:54

CCD Temperature : -90.59



# 164 / 164 #

