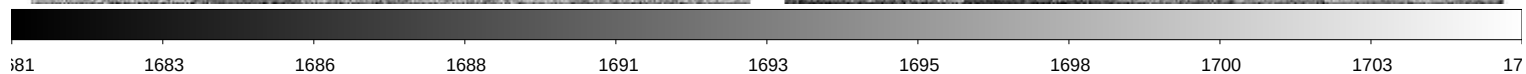
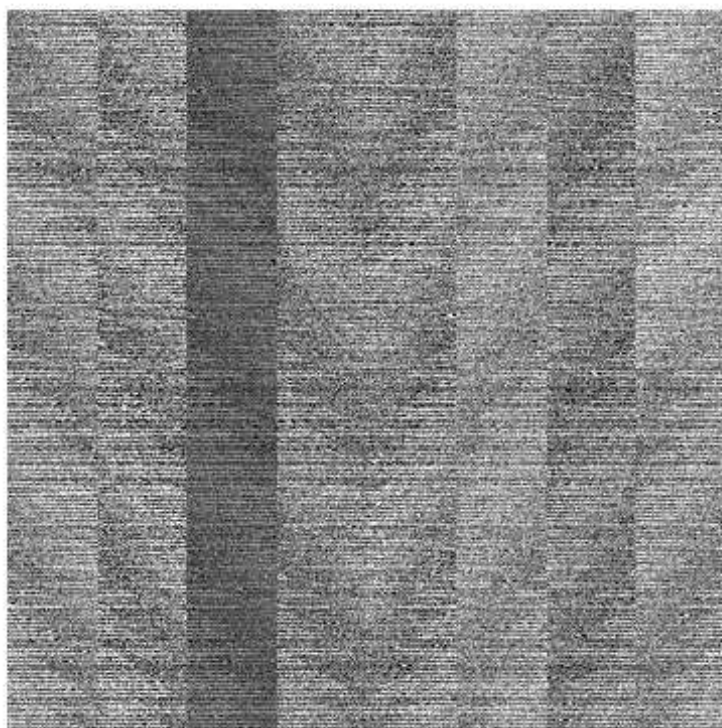
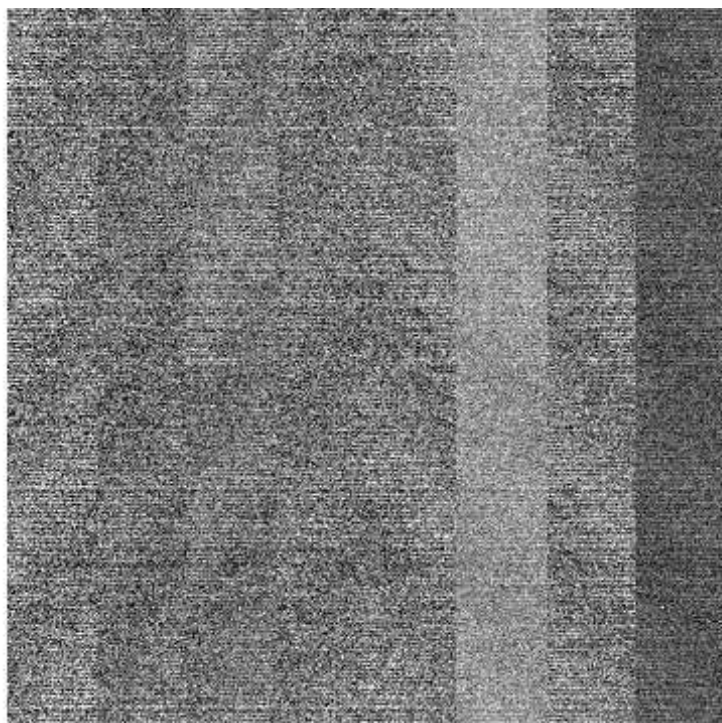


File Name	:	kmnts.20260727.051997.fits			# 1 / 73 #
Project ID	:	OBS			
Image Type	:	DARK			
Object Name	:	begin			
RA	:	12:21:27.230			
DEC	:	-32:12:18.30			
Exposure Time	:	60	ALT	:	90.0
Airmass	:	1.00	AZ	:	0.0
Sidereal Time	:	12:21:27	Image Issue	:	—
Filter ID	:	V	CHIP	:	—
Observation Date	:	2026-07-27T14:35:12	Weather	:	8
CCD Temperature	:	-108.55	Moon Effect	:	0.0



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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kmts.20260727.051998.fits

ALL

BIAS

bias

12:23:45.610

-32:12:18.30

0

1.00

12:23:45

R

2026-07-27T14:37:30

-108.57

2 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

90.0

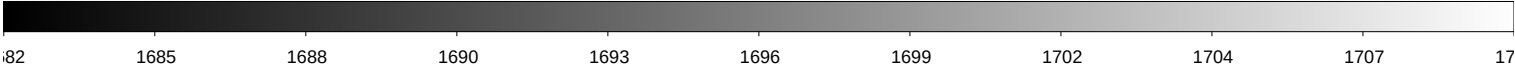
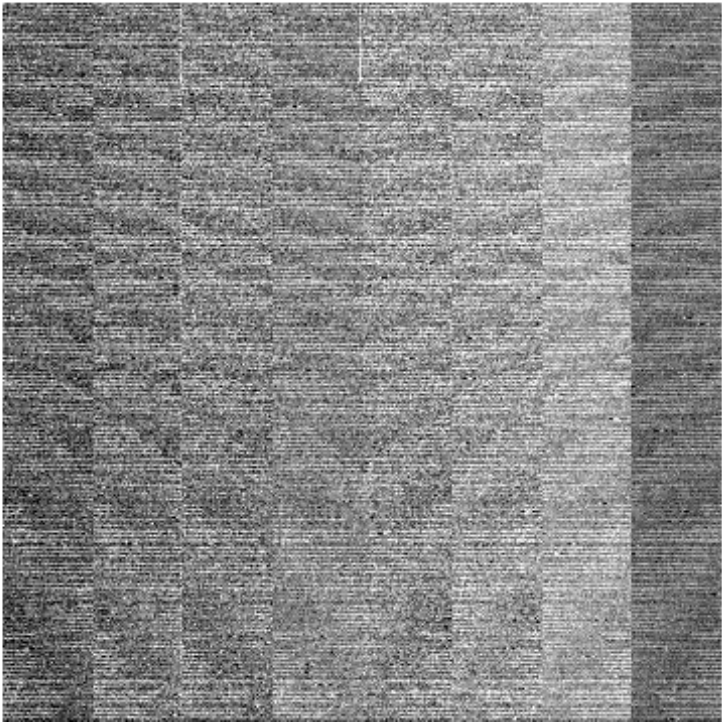
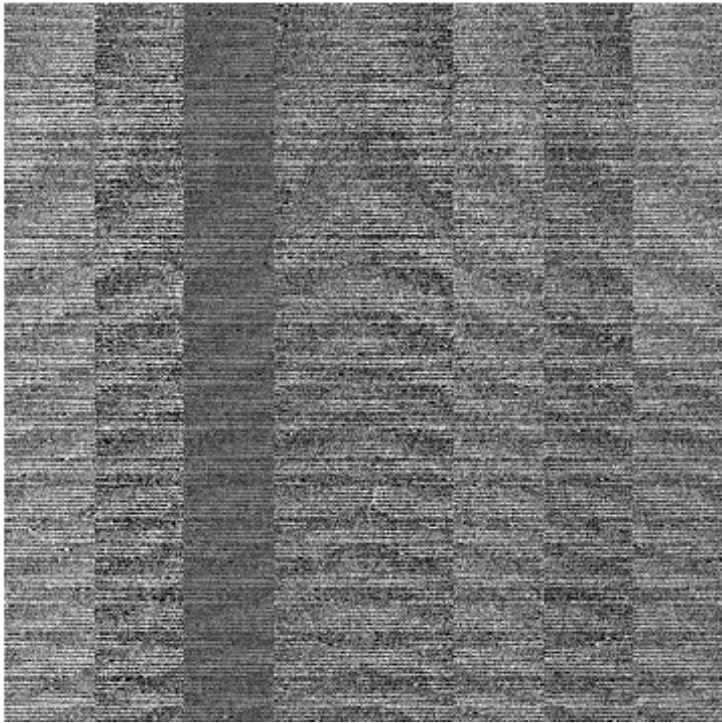
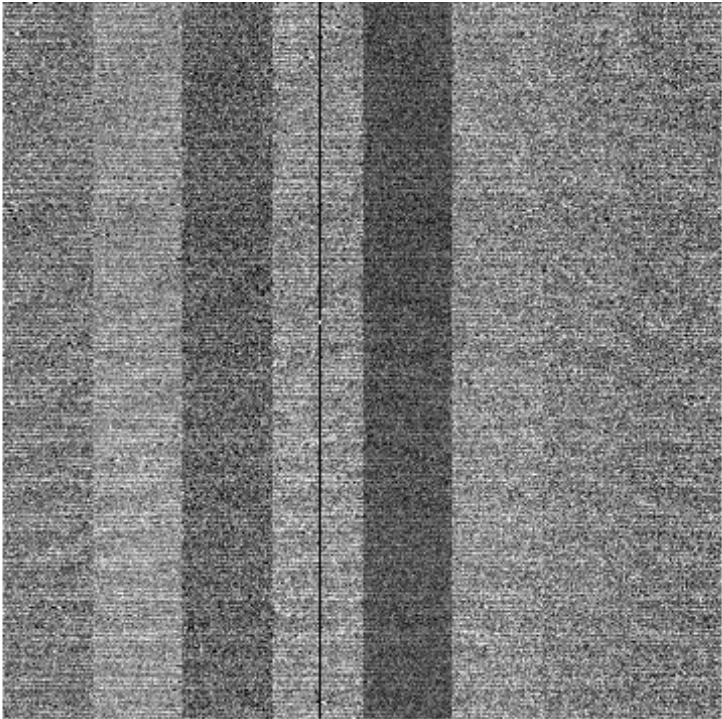
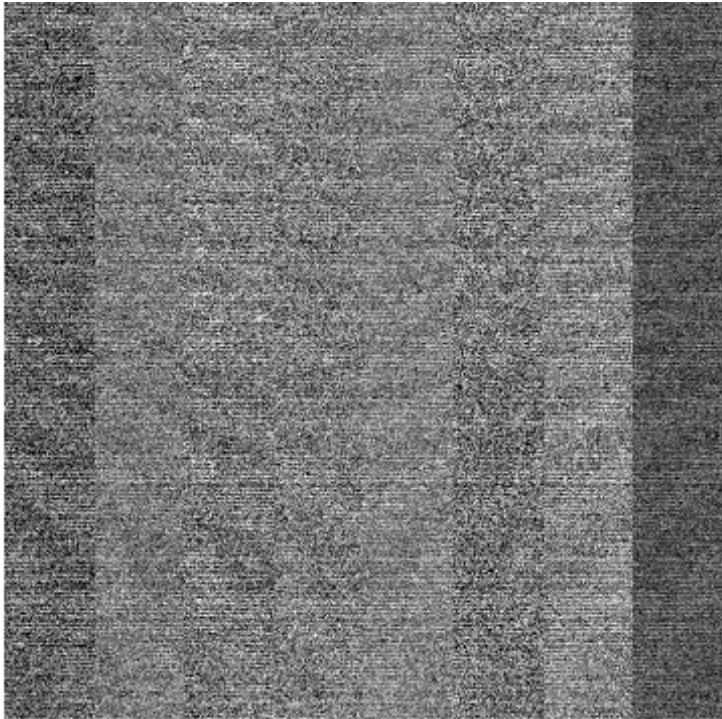
0.0

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0.0



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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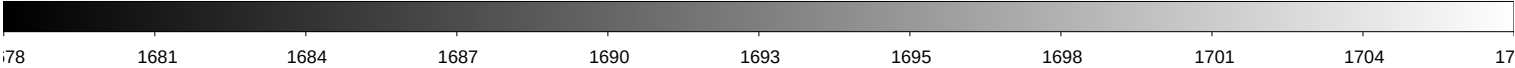
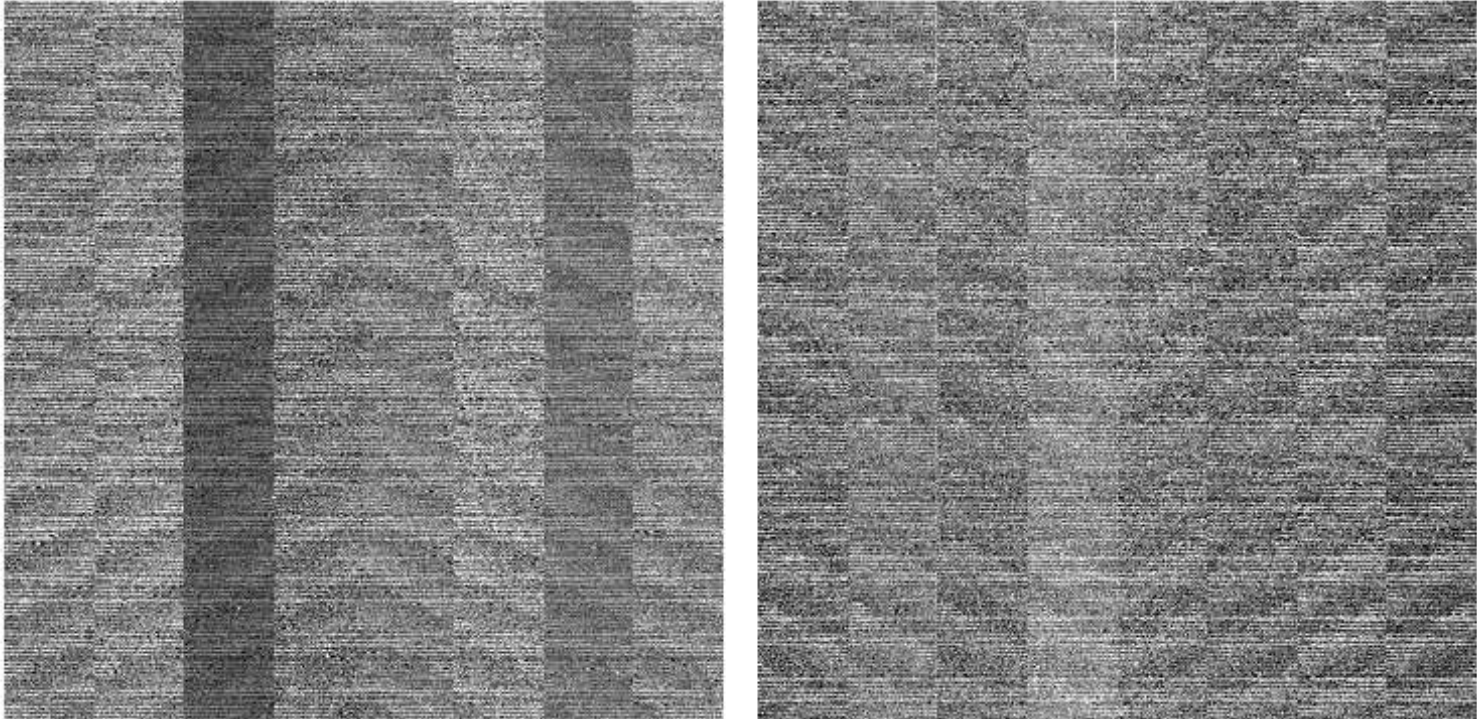
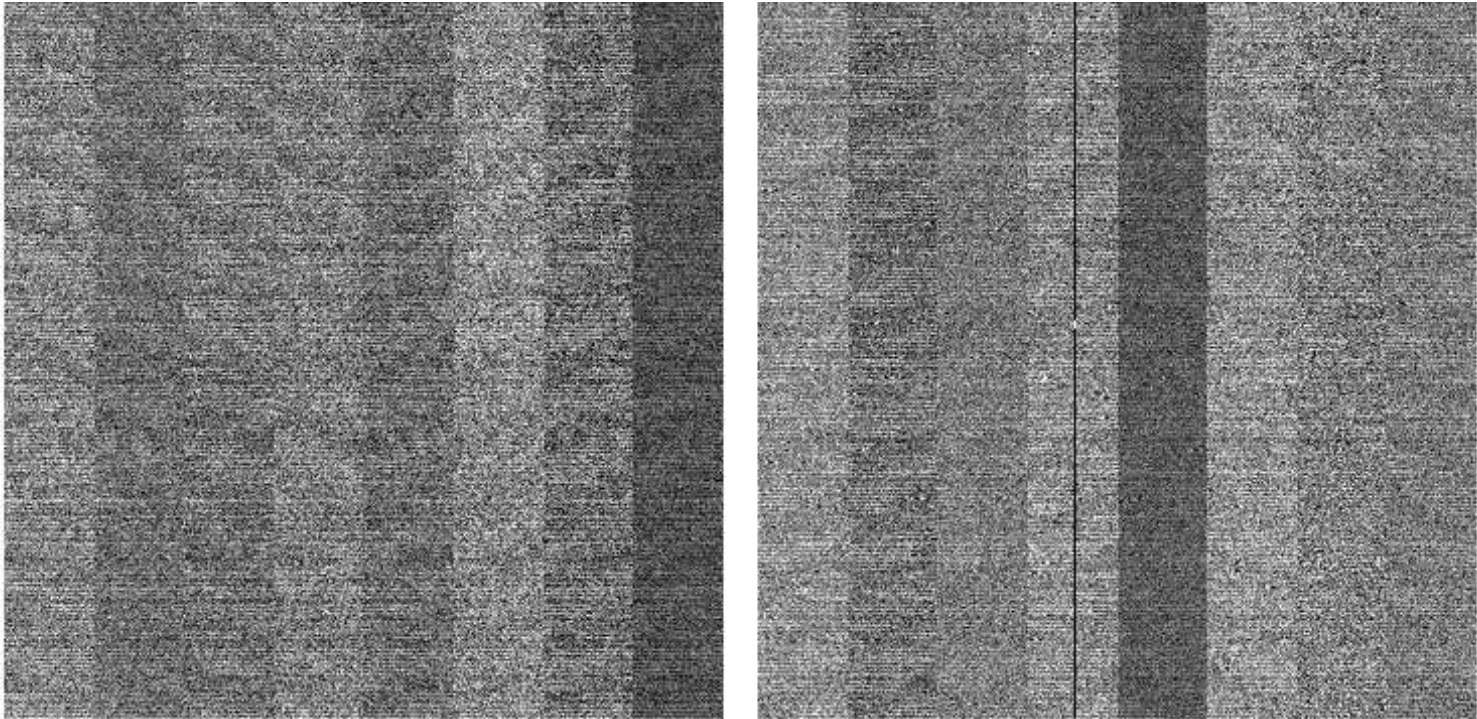
kmts.20260727.051999.fits
ALL
BIAS
bias
12:24:41.160
-32:12:18.30
0
1.00
12:24:41
R
2026-07-27T14:38:38
-108.59

3 / 73

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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90.0
0.0
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8
0.0



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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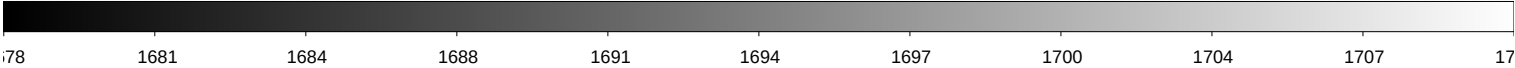
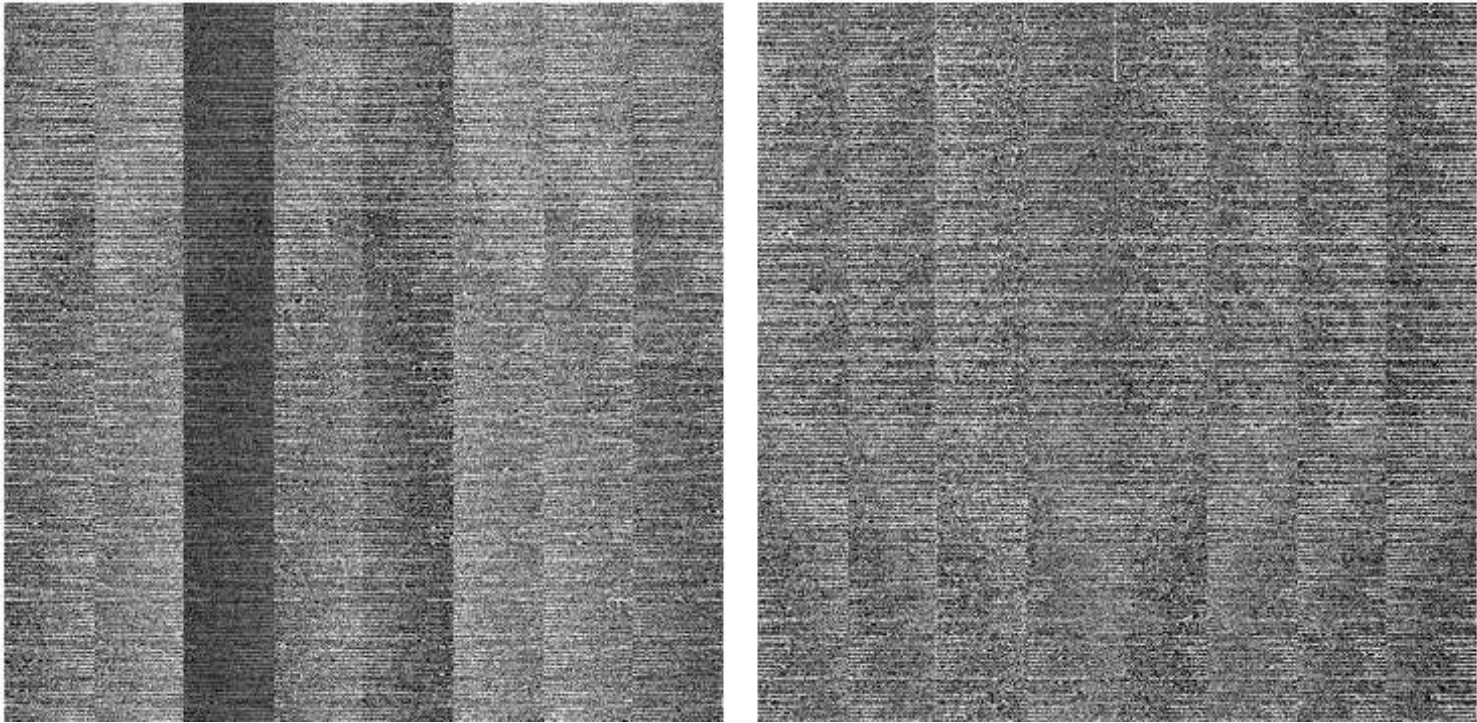
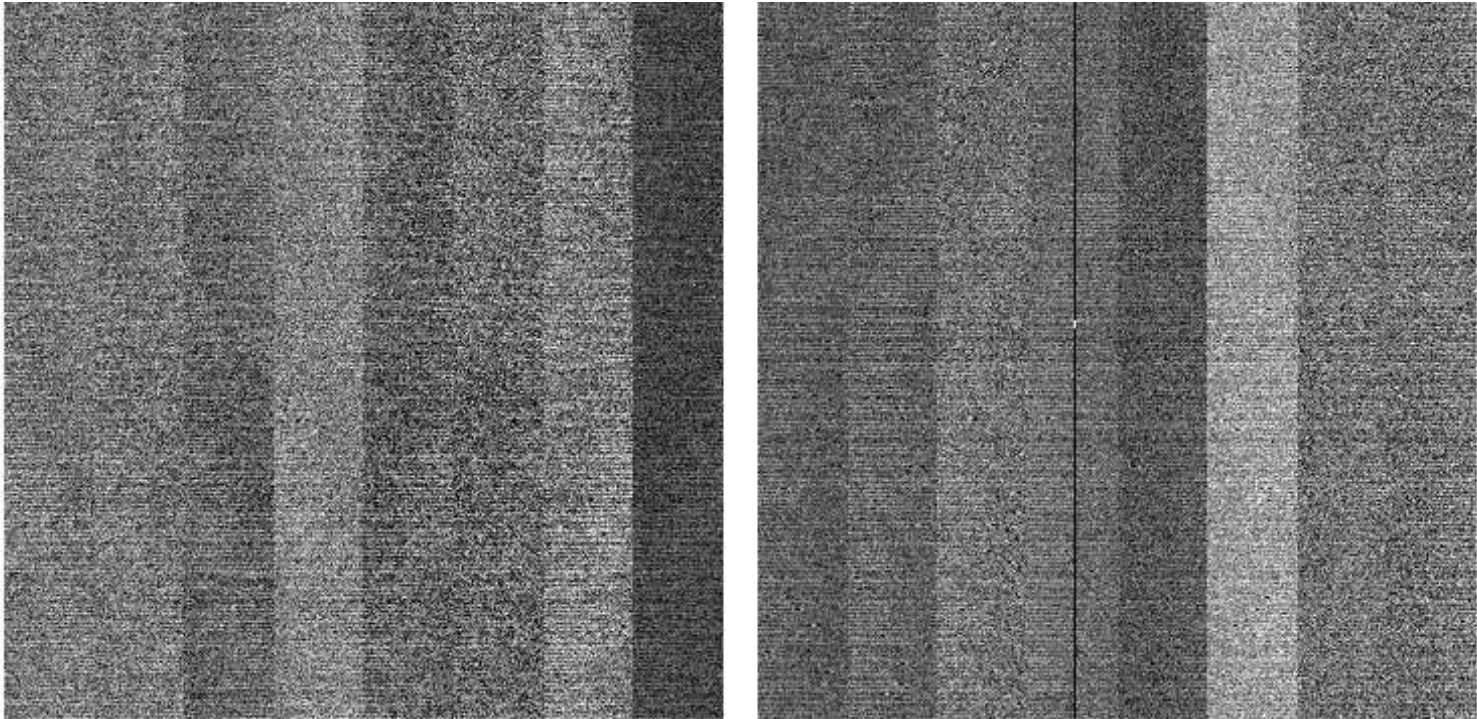
kmts.20260727.052000.fits
ALL
BIAS
bias
12:25:50.130
-32:12:18.40
0
1.00
12:25:50
R
2026-07-27T14:39:47
-108.62

4 / 73

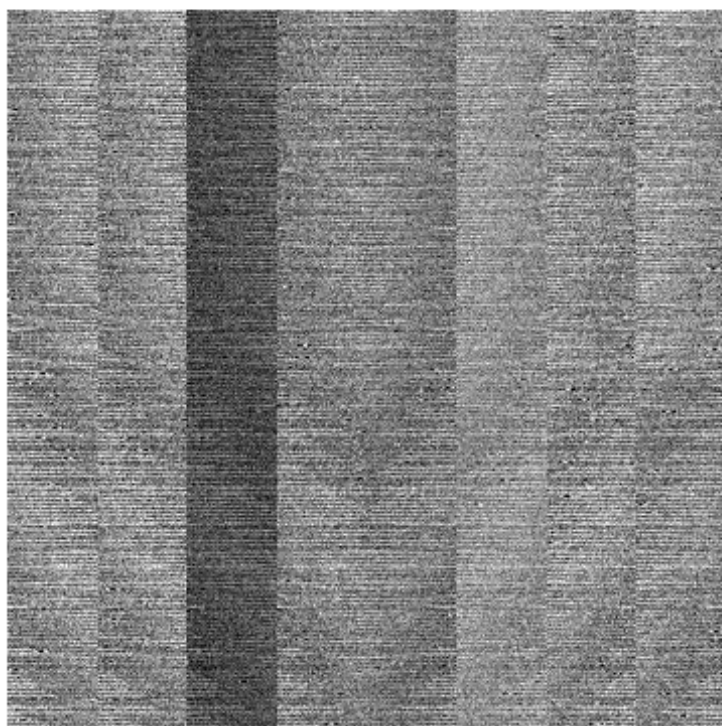
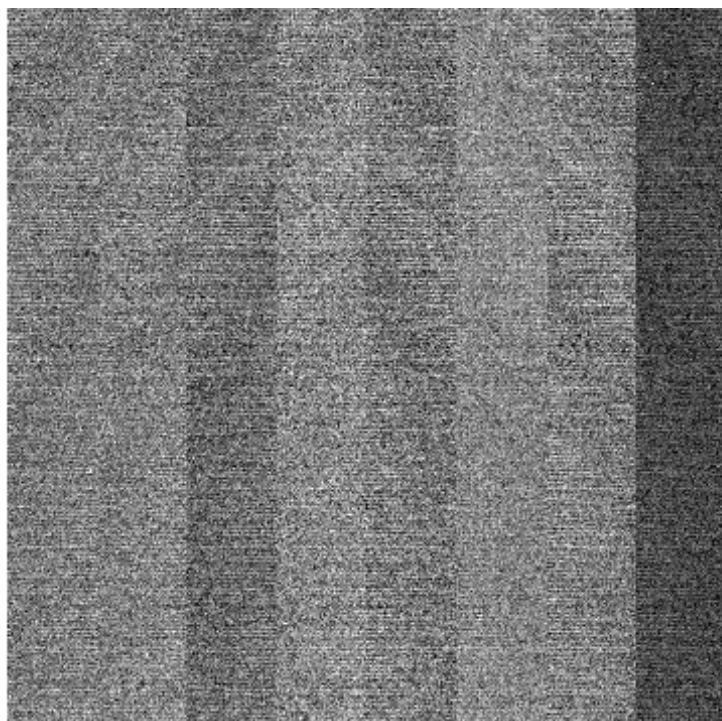
ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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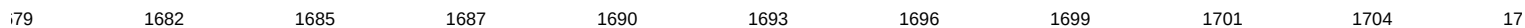
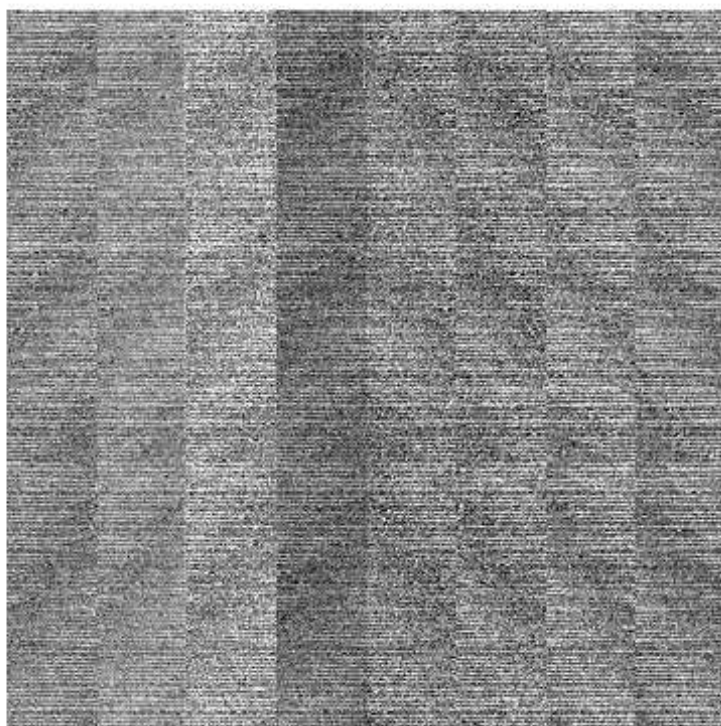
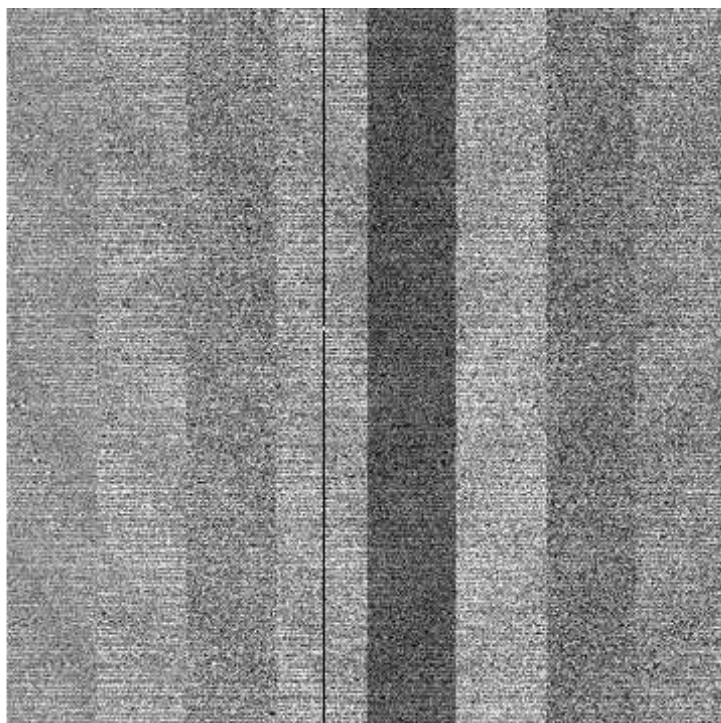
90.0
0.0
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8
0.0



File Name	:	kmts.20260727.052001.fits			# 5 / 73 #
Project ID	:	ALL			
Image Type	:	BIAS			
Object Name	:	bias			
RA	:	12:26:59.130			
DEC	:	-32:12:18.40			
Exposure Time	:	0	ALT	:	90.0
Airmass	:	1.00	AZ	:	0.0
Sidereal Time	:	12:26:59	Image Issue	:	—
Filter ID	:	R	CHIP	:	—
Observation Date	:	2026-07-27T14:40:56	Weather	:	8
CCD Temperature	:	-108.63	Moon Effect	:	0.0



ALT	:	90.0
AZ	:	0.0
Image Issue	:	—
CHIP	:	—
Weather	:	8
Moon Effect	:	0.0



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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kmts.20260727.052003.fits

ALL

FLAT

flat

16:06:25.450

-36:45:22.50

20

1.09

14:11:48

B

2026-07-27T16:25:16

-108.73

7 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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66.0

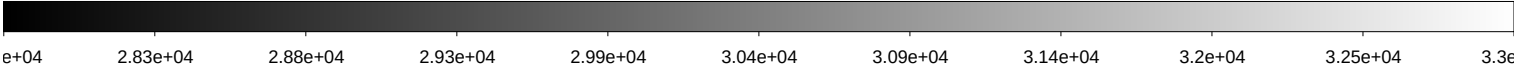
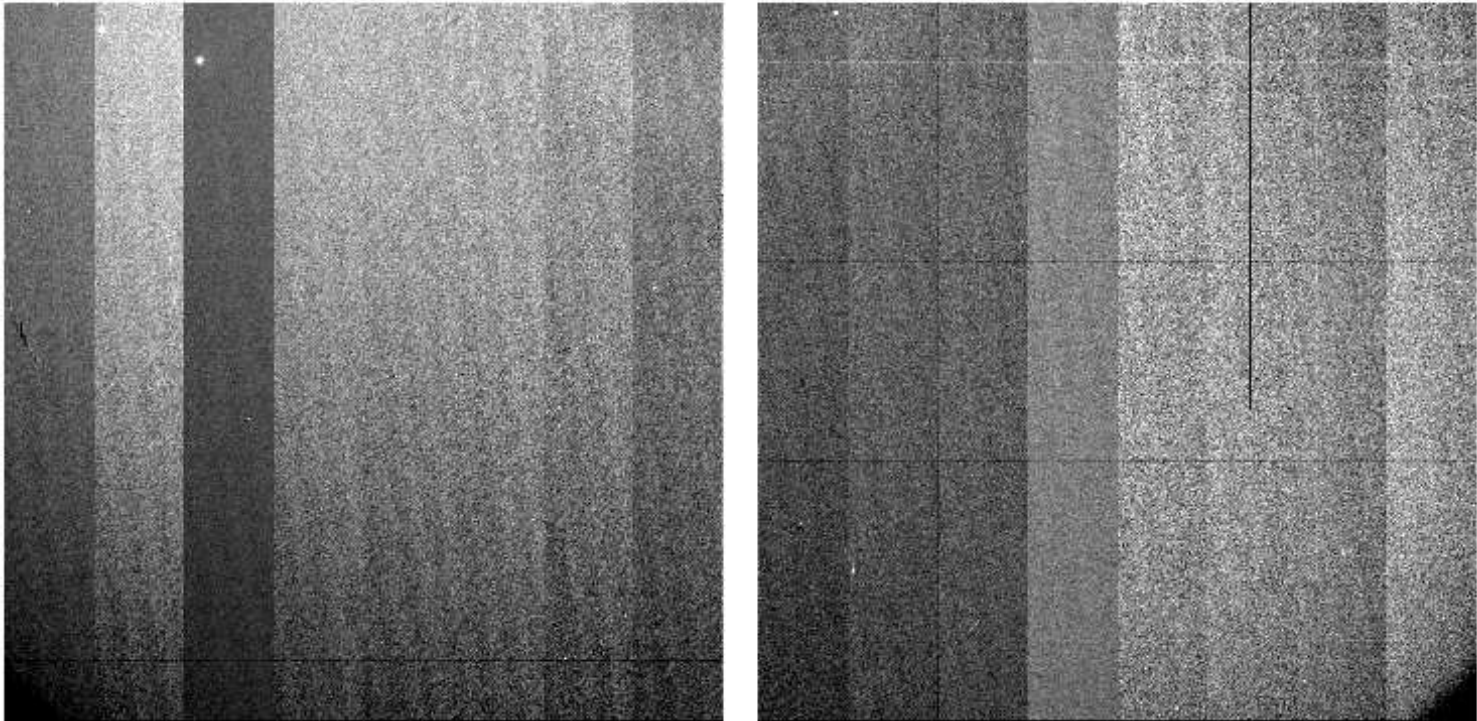
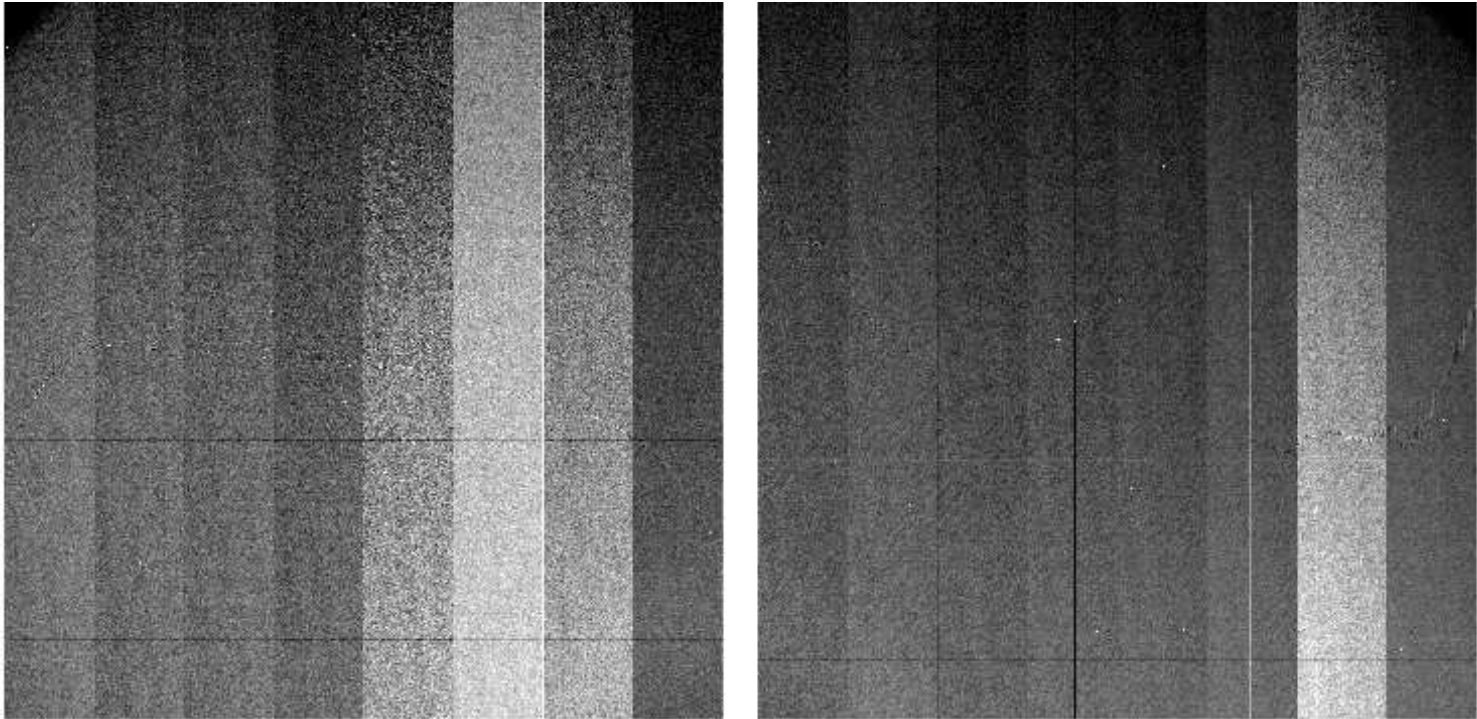
71.1

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8

0.1



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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kmts.20260727.052004.fits

ALL

FLAT

flat

16:06:37.920

-36:39:46.30

28

1.09

14:13:25

B

2026-07-27T16:26:52

-108.76

8 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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66.3

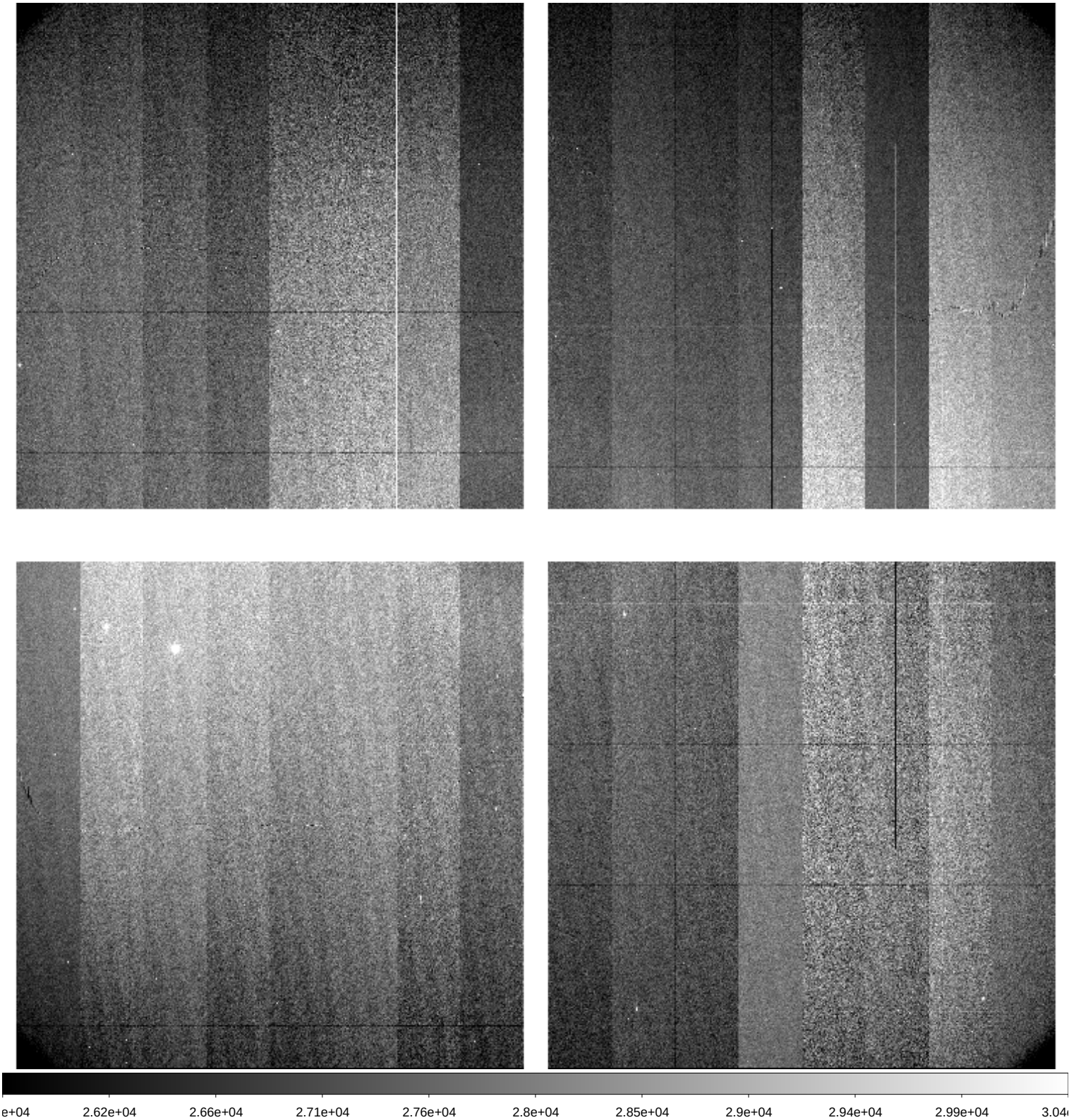
71.3

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8

0.1



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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: ALL

: FLAT

: flat

: 16:06:17.790

: -36:33:57.30

: 39

: 1.09

: 14:15:34

: B

: 2026-07-27T16:29:01

: -108.74

9 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 66.8

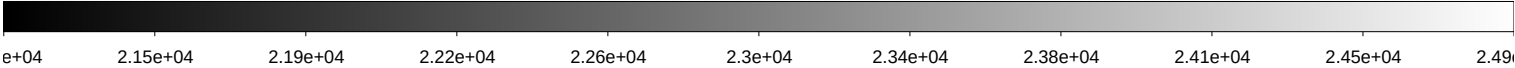
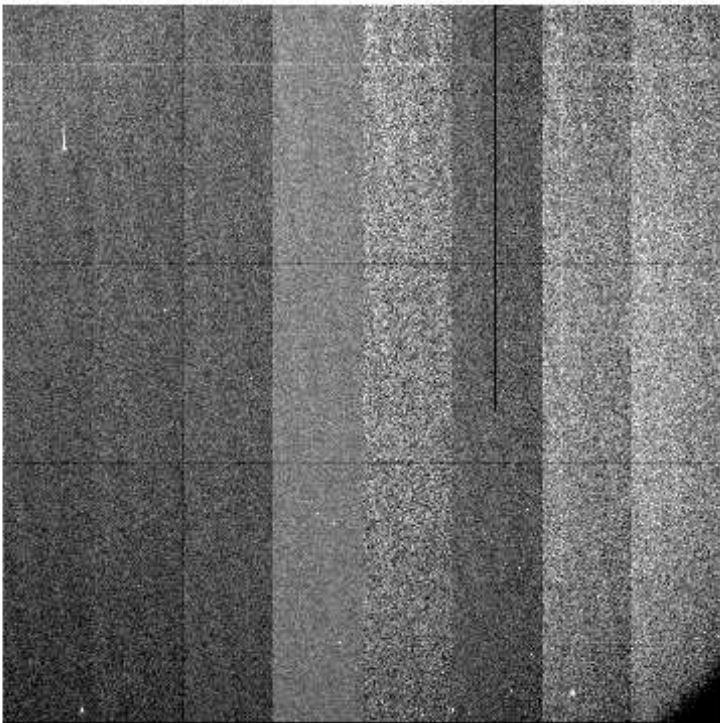
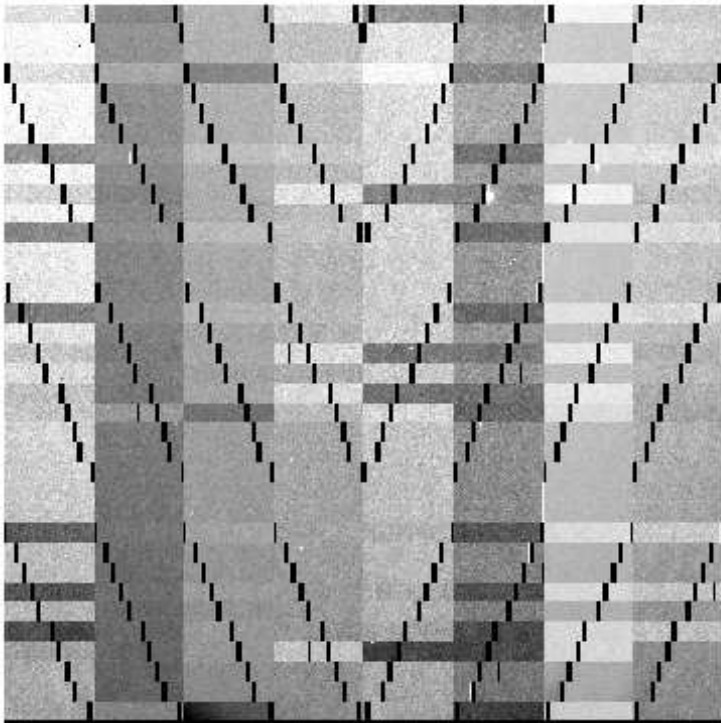
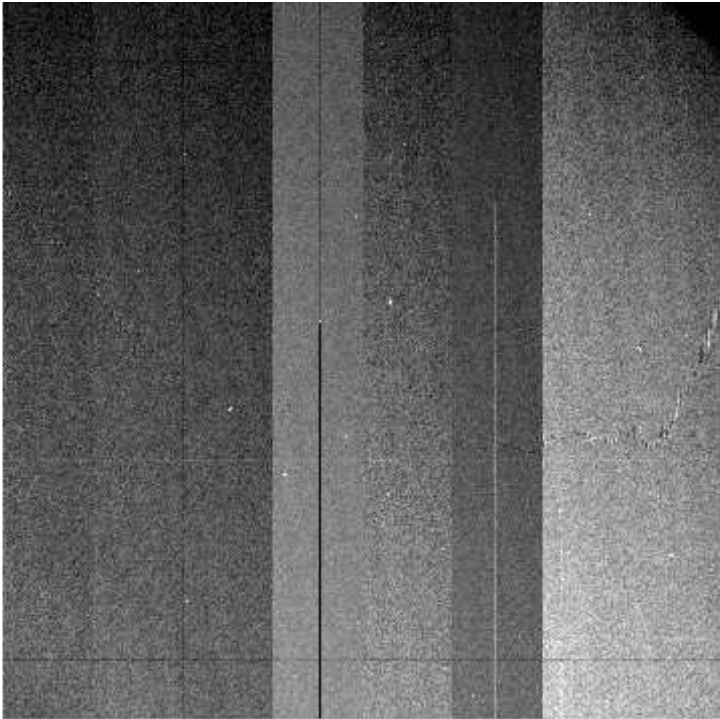
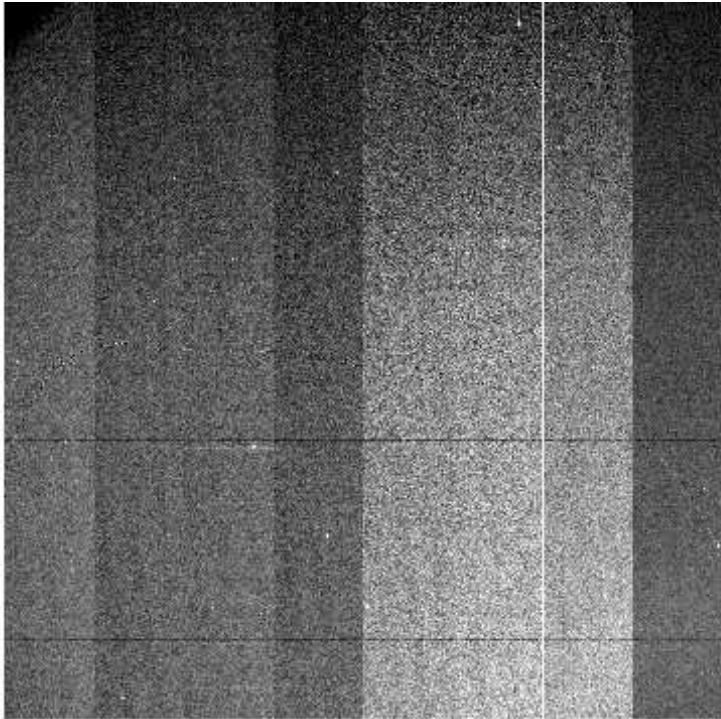
: 71.5

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: 0.1



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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kmts.20260727.052006.fits

ALL

FLAT

flat

16:06:39.190

-36:25:49.80

20

1.09

14:17:17

R

2026-07-27T16:30:44

-108.74

10 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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67.1

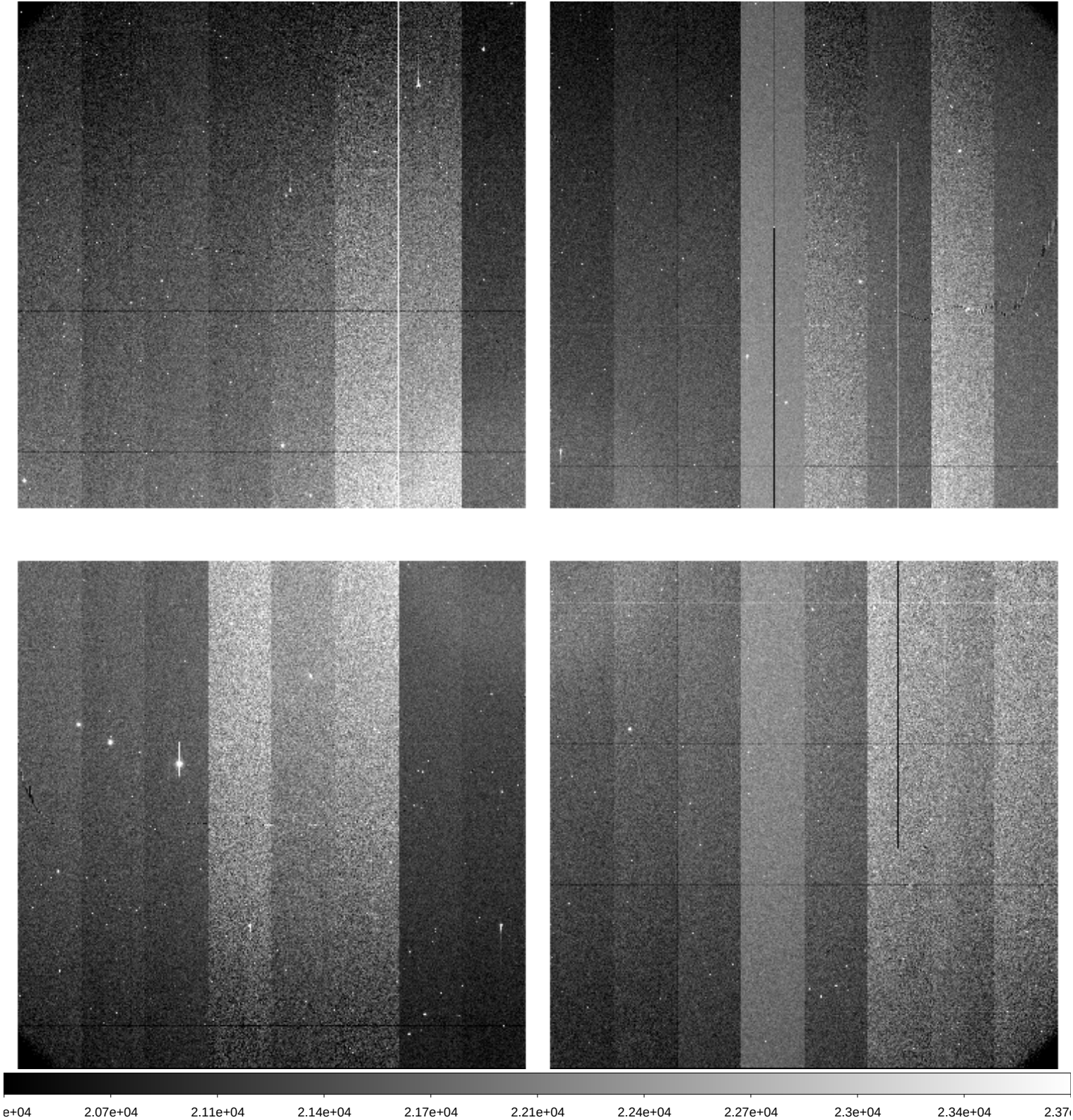
71.8

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8

0.1



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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kmts.20260727.052007.fits

ALL

FLAT

flat

16:06:39.220

-36:20:23.00

35

1.08

14:18:58

R

2026-07-27T16:32:24

-108.74

11 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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67.4

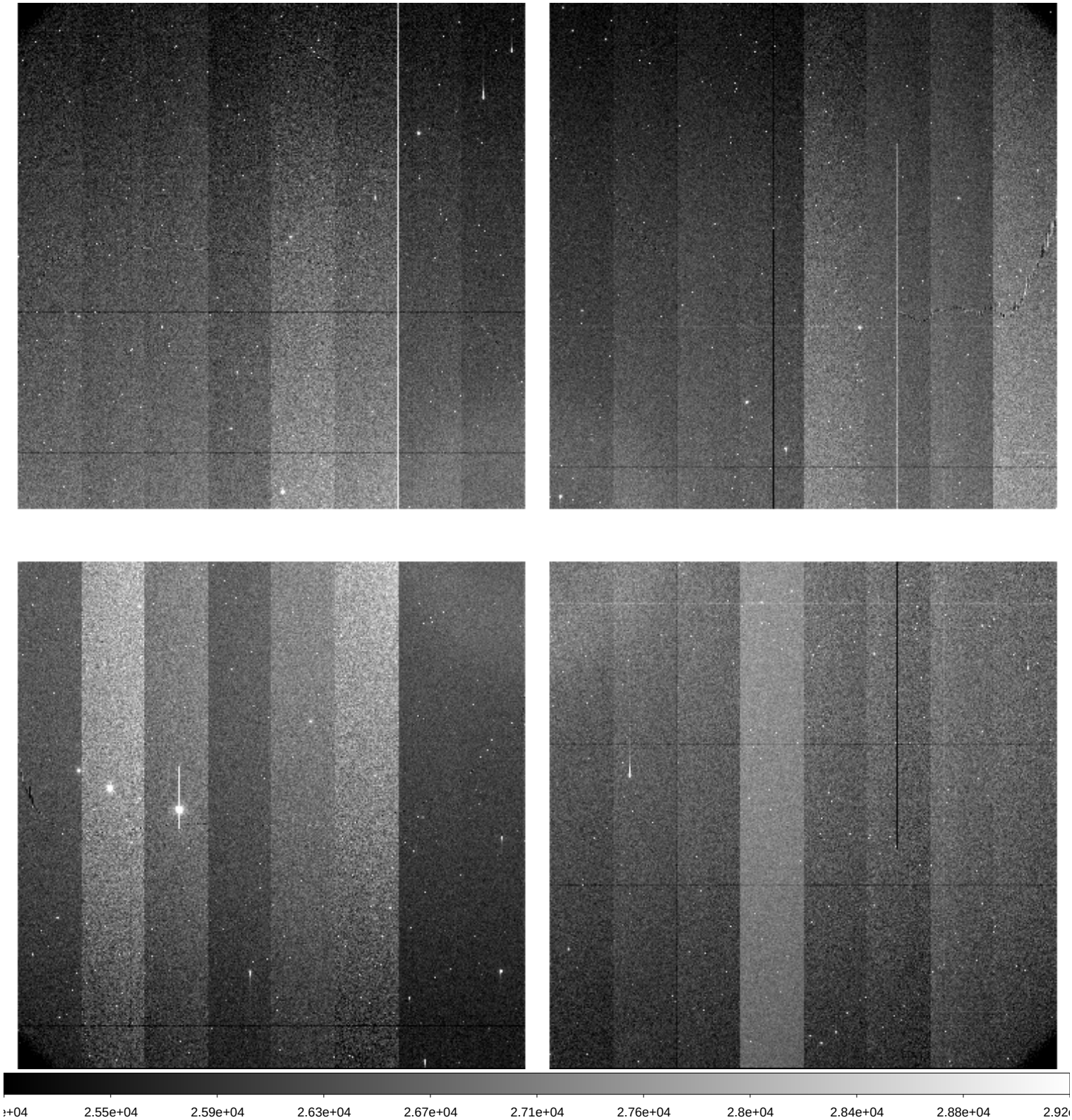
72.0

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8

0.1



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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kmts.20260727.052008.fits

ALL

FLAT

flat

16:06:28.180

-36:14:42.90

45

1.08

14:20:54

R

2026-07-27T16:34:20

-108.76

12 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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67.9

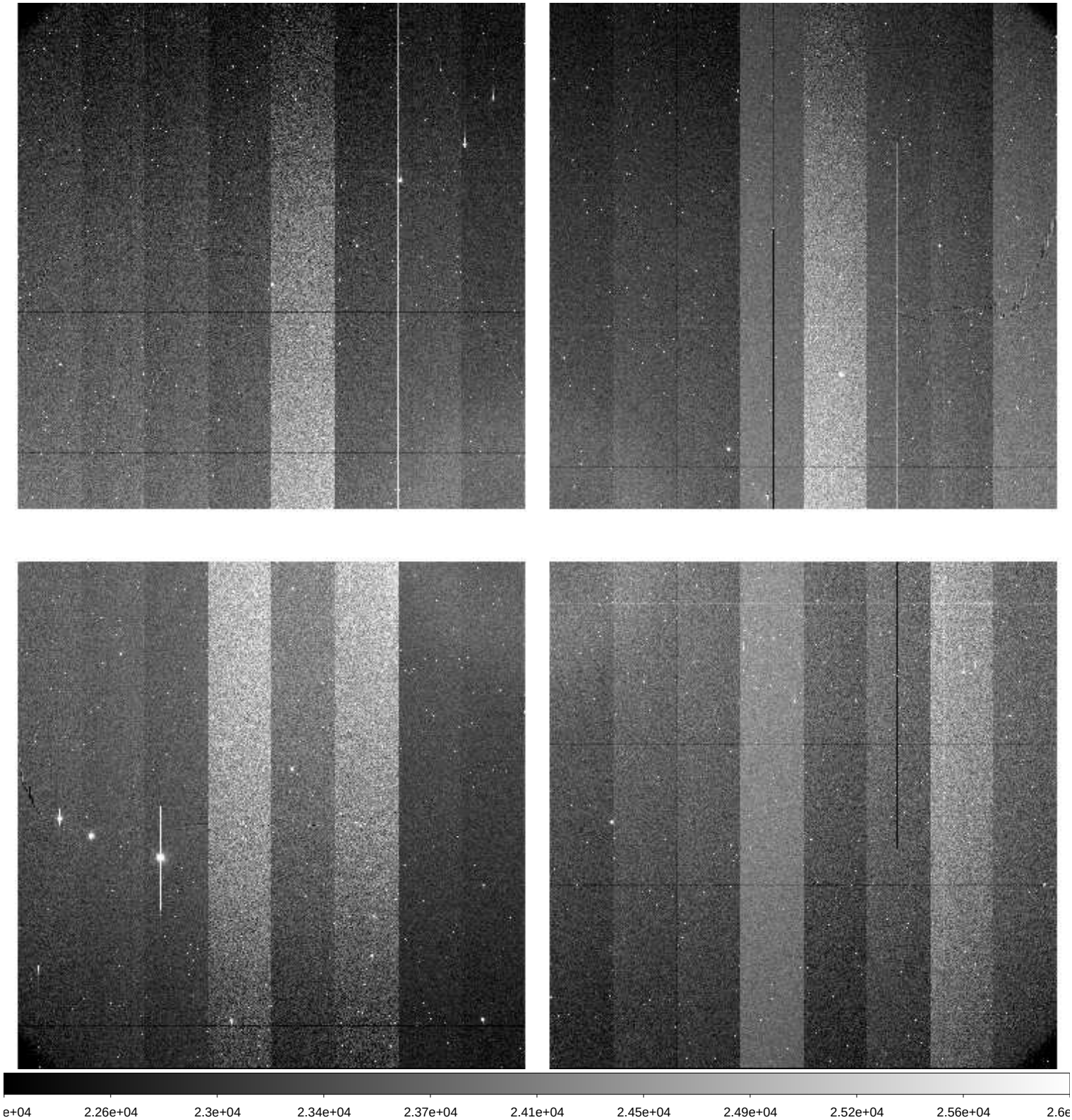
72.2

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8

0.1



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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kmts.20260727.052009.fits

ALL

FLAT

flat

16:06:34.240

-36:06:50.70

60

1.08

14:22:56

R

2026-07-27T16:36:21

-108.77

13 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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68.3

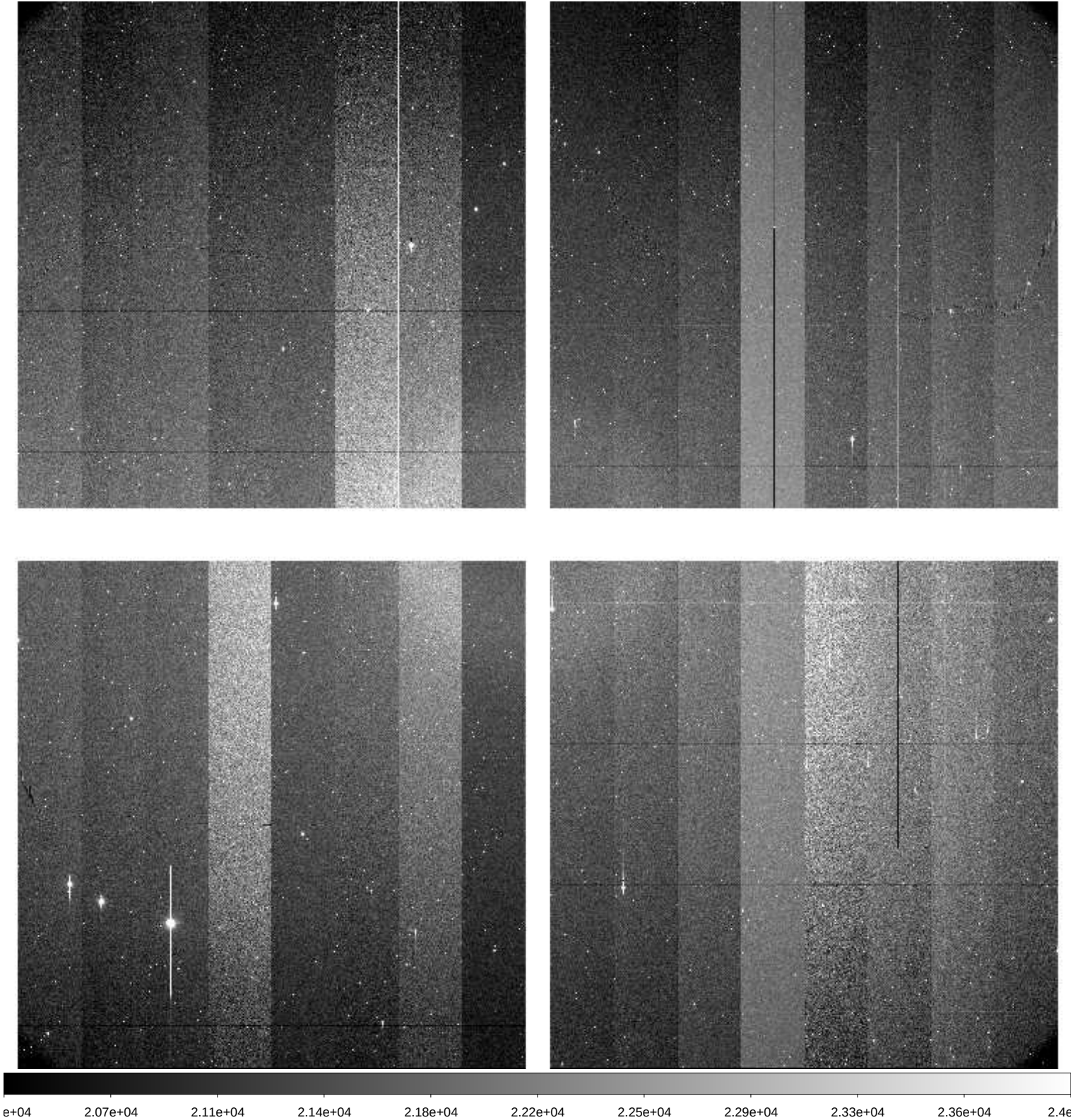
72.5

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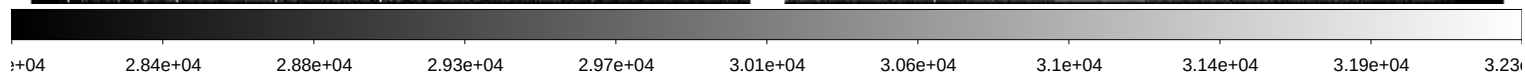
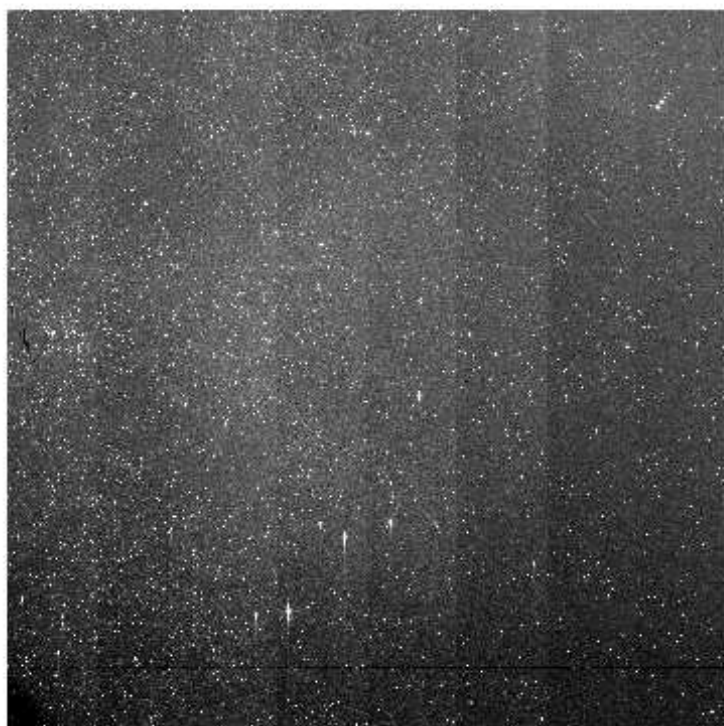
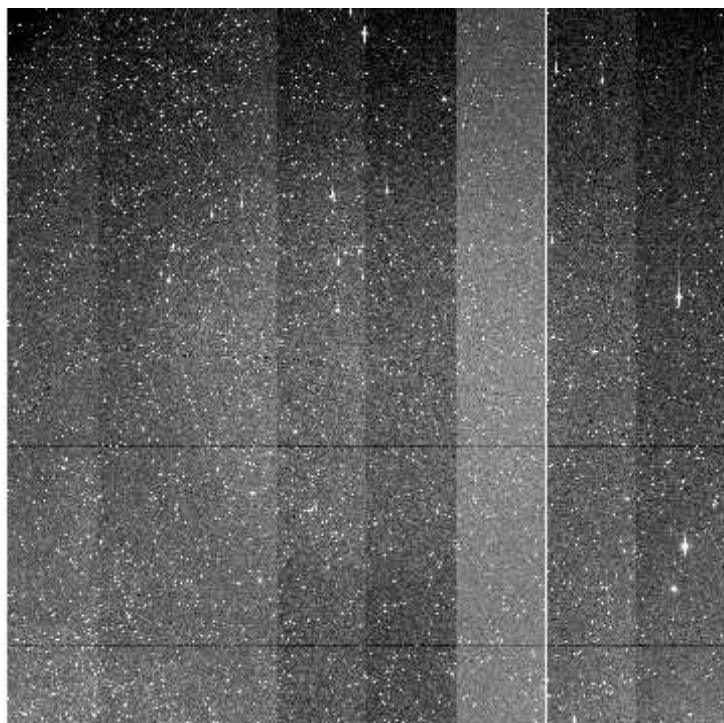
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8

0.1



File Name	:	kmts.20260727.052010.fits	# 14 / 73 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG52	
RA	:	17:46:22.290	
DEC	:	-29:42:54.50	
Exposure Time	:	60	ALT
Airmass	:	1.38	AZ
Sidereal Time	:	14:25:45	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-27T16:39:10	Weather
CCD Temperature	:	-108.64	Moon Effect



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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kmts.20260727.052011.fits

BLG

OBJECT

BLG51

17:46:05.290

-29:01:54.70

60

1.37

14:27:44

I

2026-07-27T16:41:09

-108.79

15 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.9

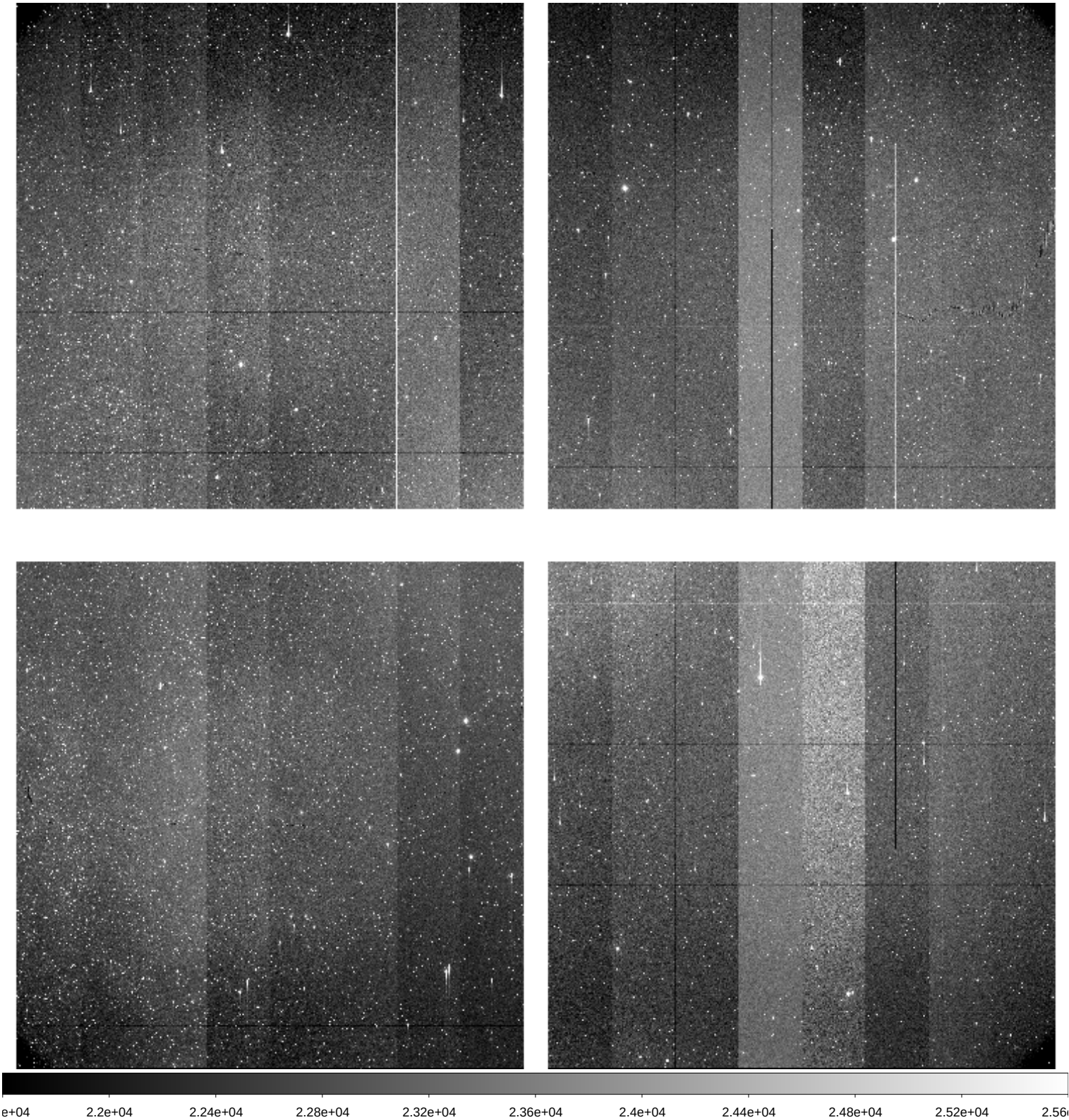
80.4

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8

0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052012.fits

: BLG

: OBJECT

: BLG01

: 17:54:29.320

: -31:08:26.80

: 60

: 1.38

: 14:30:54

: I

: 2026-07-27T16:44:18

: -108.78

16 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 46.4

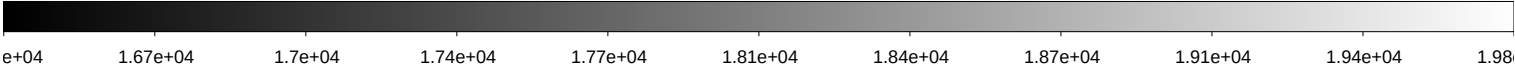
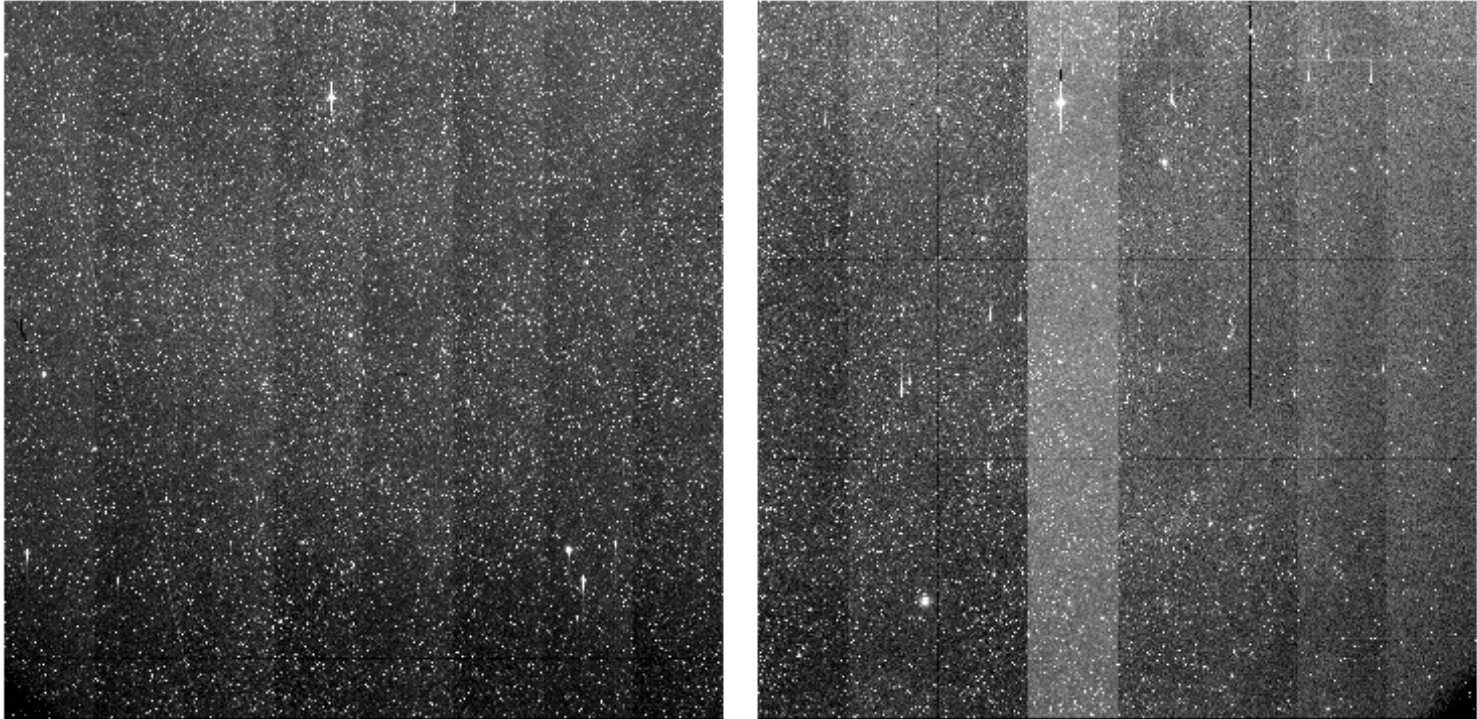
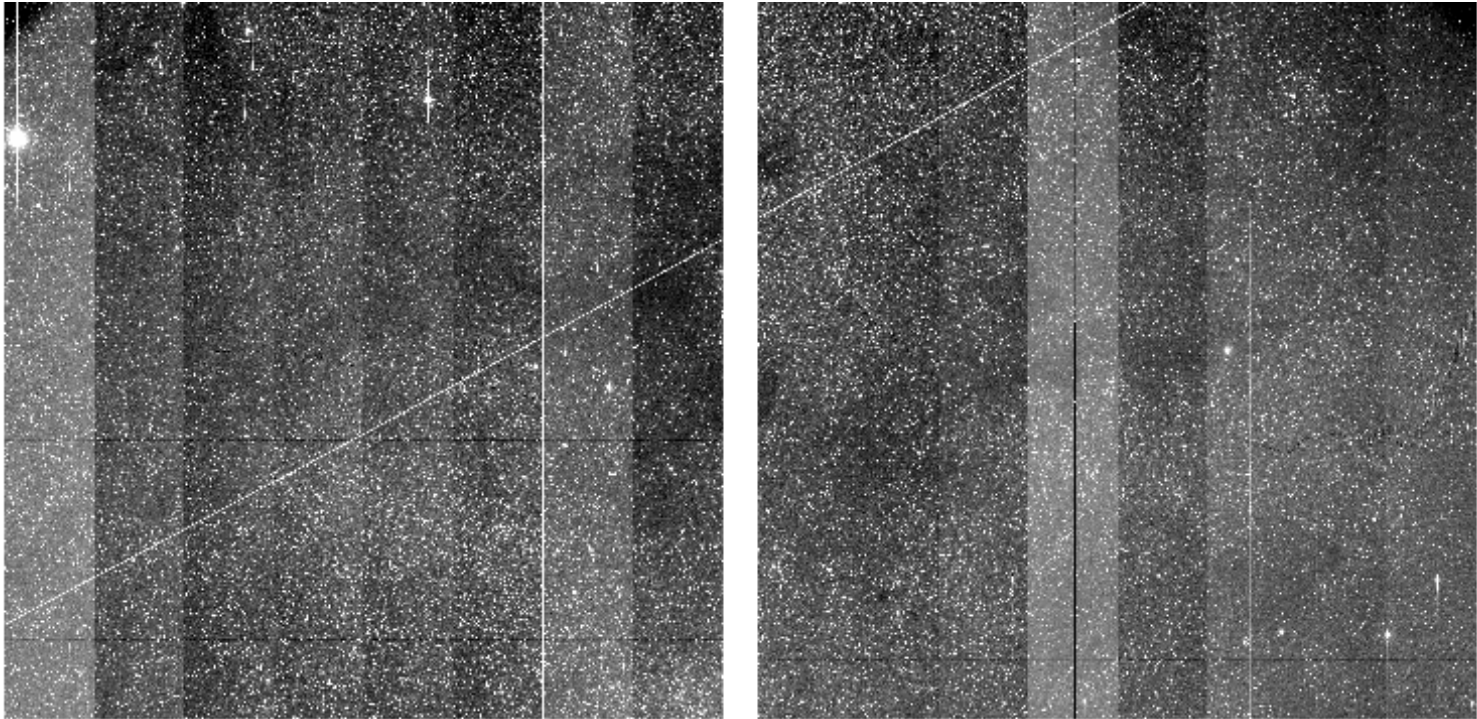
: 77.0

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: 0.4



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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kmts.20260727.052013.fits

BLG

OBJECT

BLG19

17:46:05.220

-24:40:24.90

60

1.38

14:32:51

I

2026-07-27T16:46:28

-108.78

17 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.5

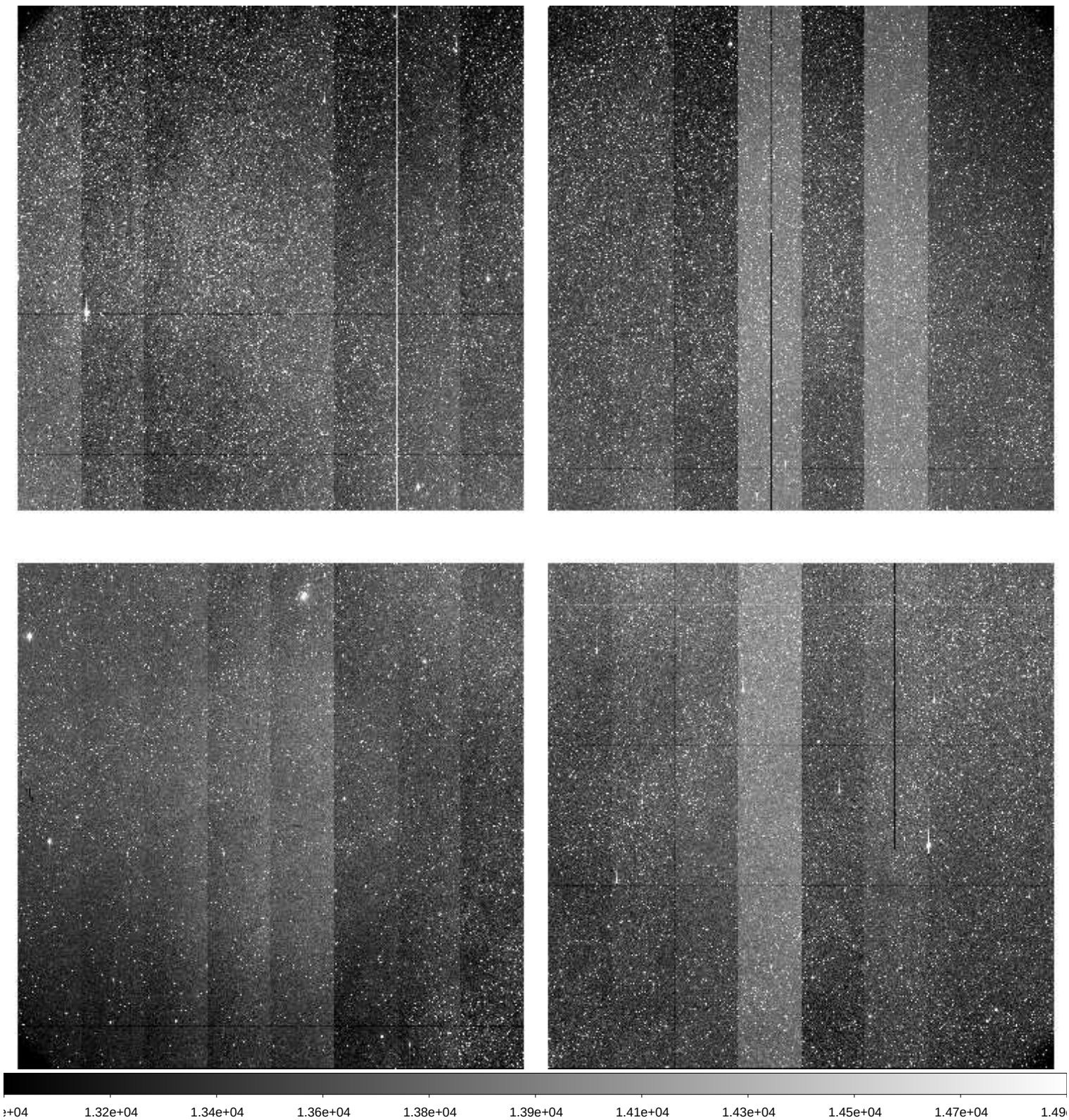
86.9

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8

0.3



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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kmts.20260727.052014.fits

BLG

OBJECT

BLG42

17:54:12.280

-29:09:24.70

60

1.37

14:35:02

I

2026-07-27T16:48:25

-108.78

18 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.7

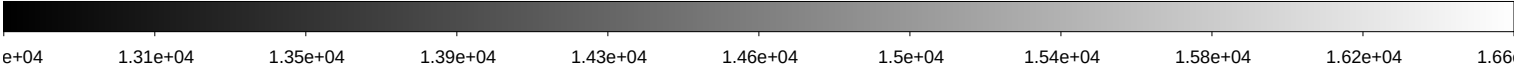
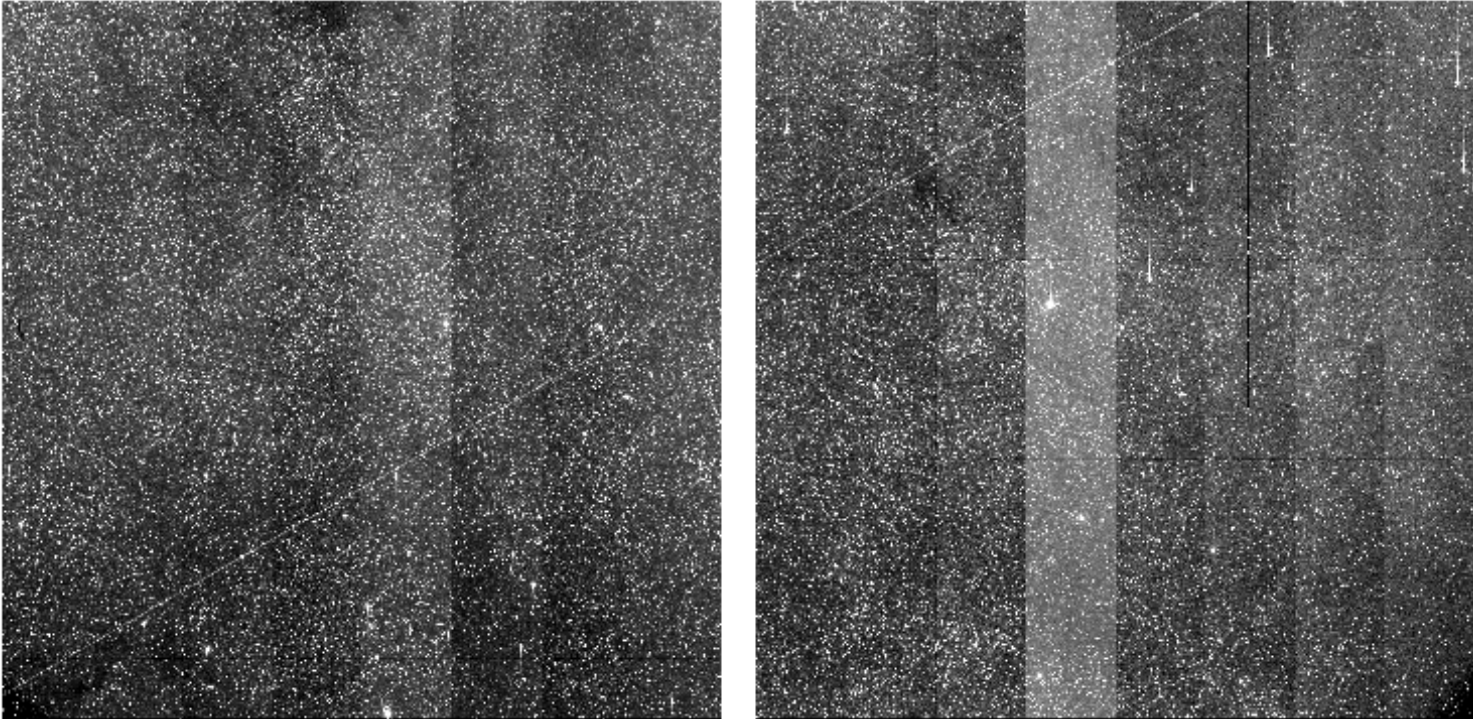
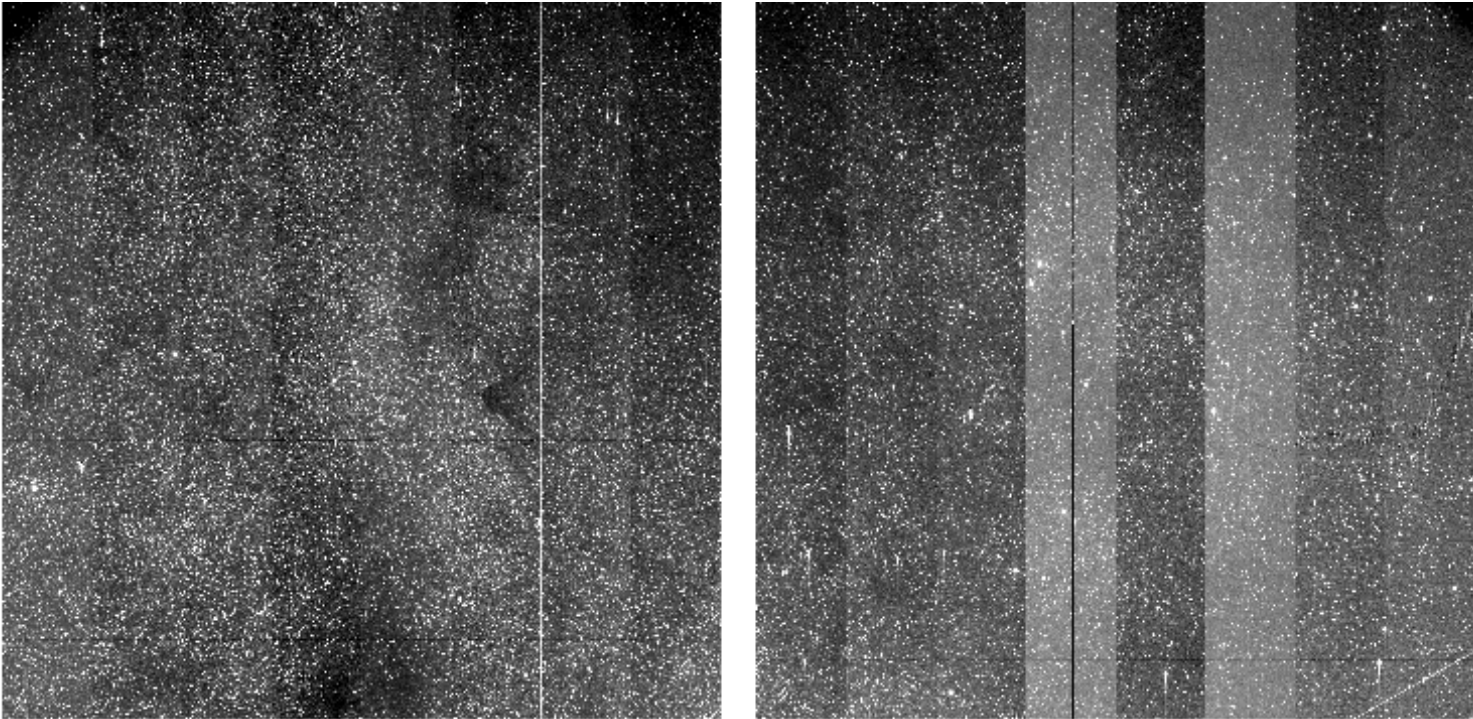
80.2

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052015.fits

: BLG

: OBJECT

: BLG43

: 18:01:48.150

: -28:04:27.70

: 60

: 1.41

: 14:36:59

: I

: 2026-07-27T16:50:35

: -108.82

19 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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45.2

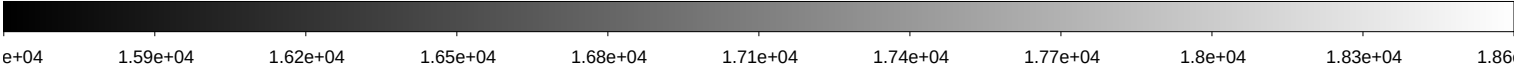
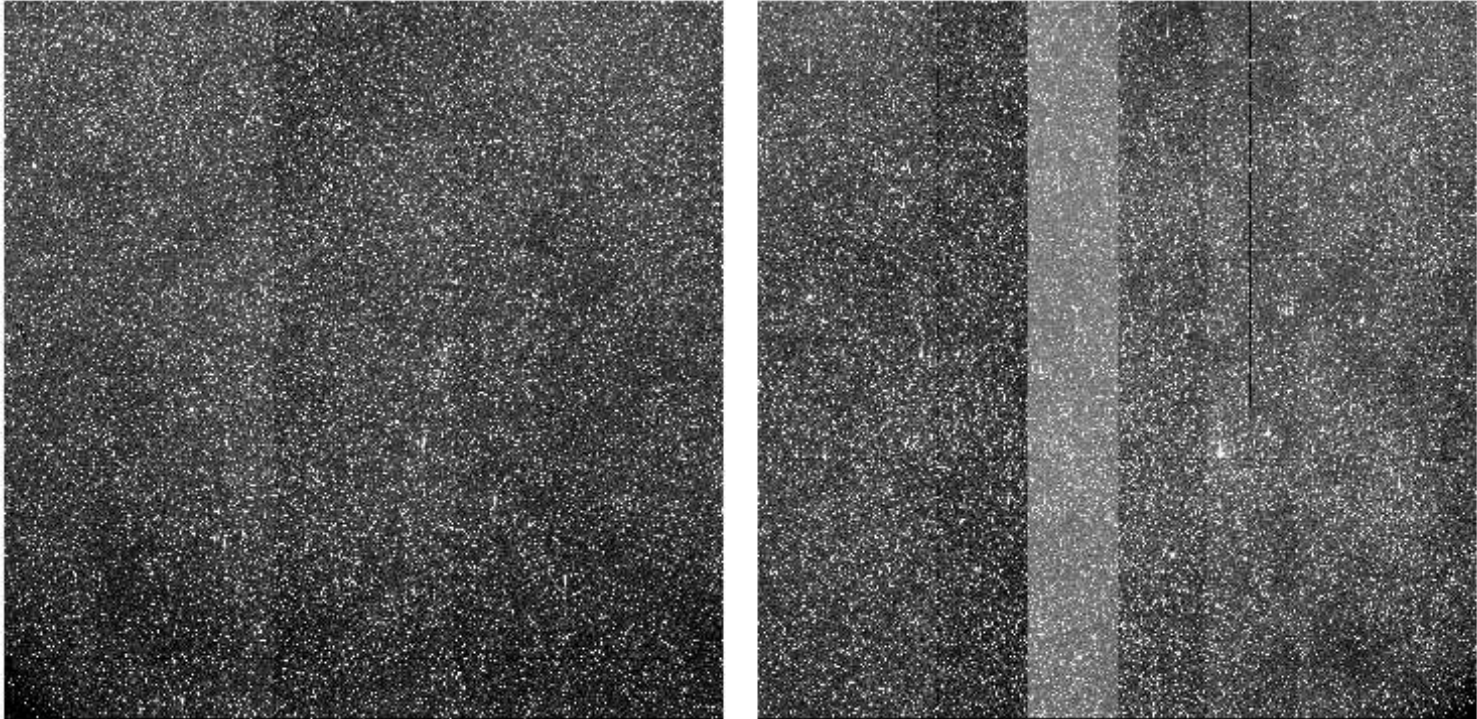
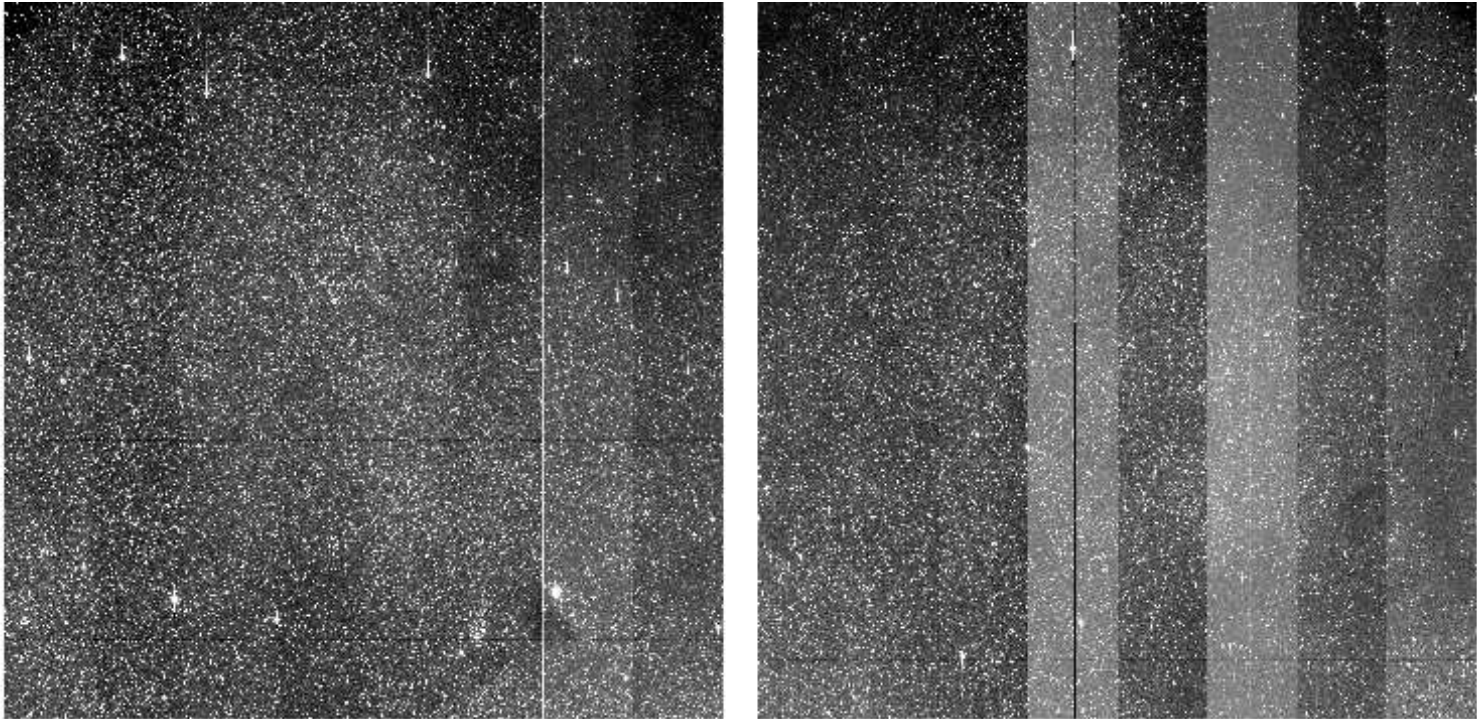
81.1

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8

0.5



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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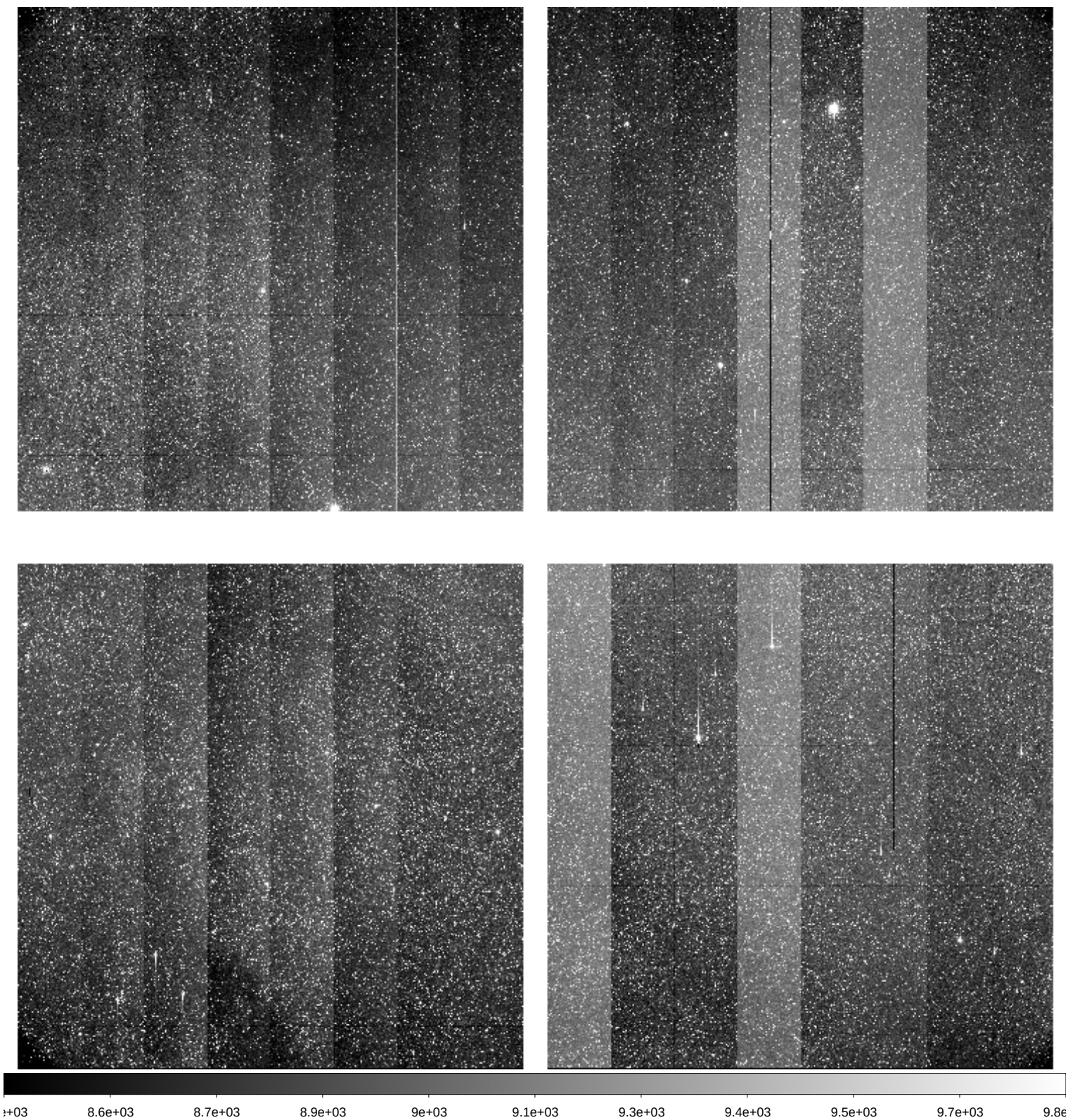
kmts.20260727.052016.fits
BLG
OBJECT
BLG20
17:46:05.180
-22:32:55.60
60
1.37
14:39:09
I
2026-07-27T16:52:45
-108.82

20 / 73

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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47.0
90.6
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8
0.3



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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kmts.20260727.052017.fits

BLG

OBJECT

BLG16

17:37:04.900

-24:40:28.20

60

1.30

14:41:19

I

2026-07-27T16:54:54

-108.8

21 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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50.2

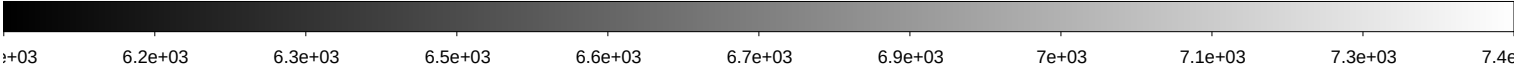
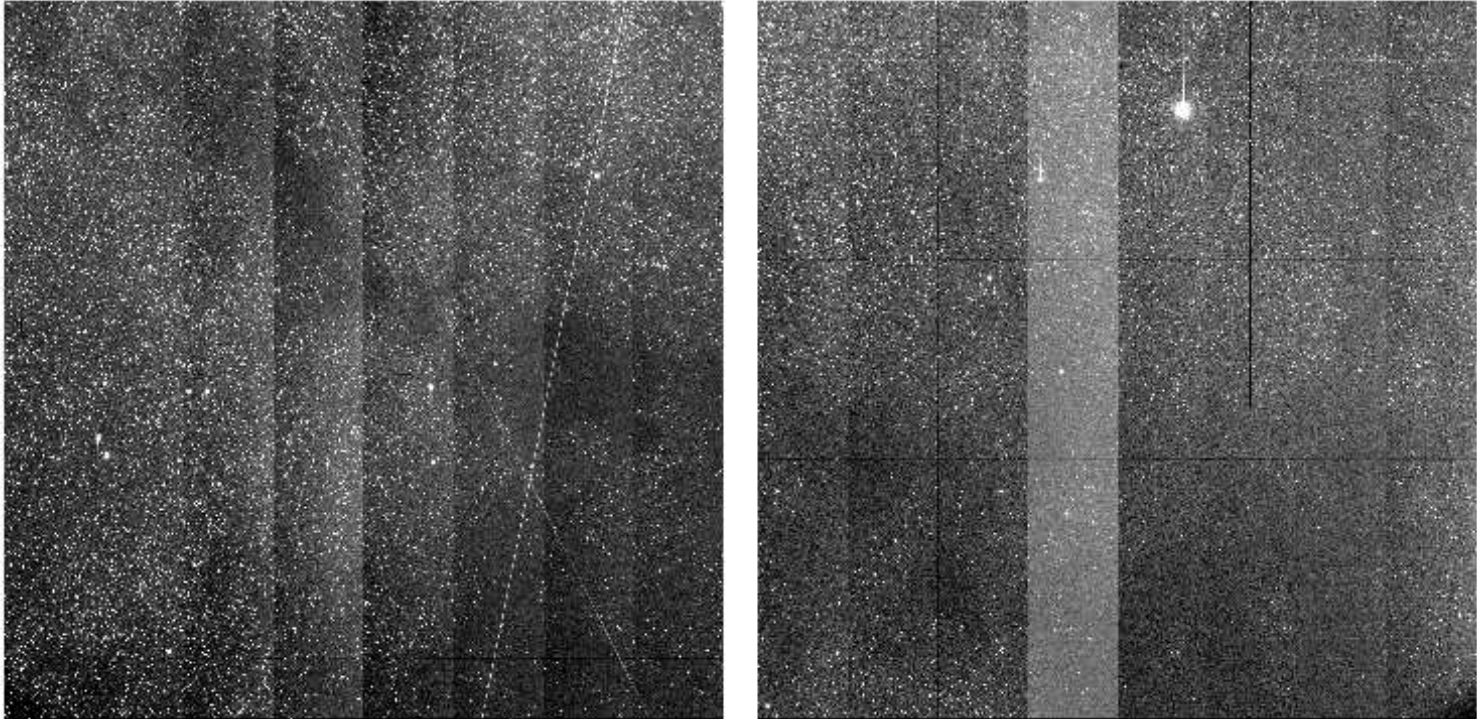
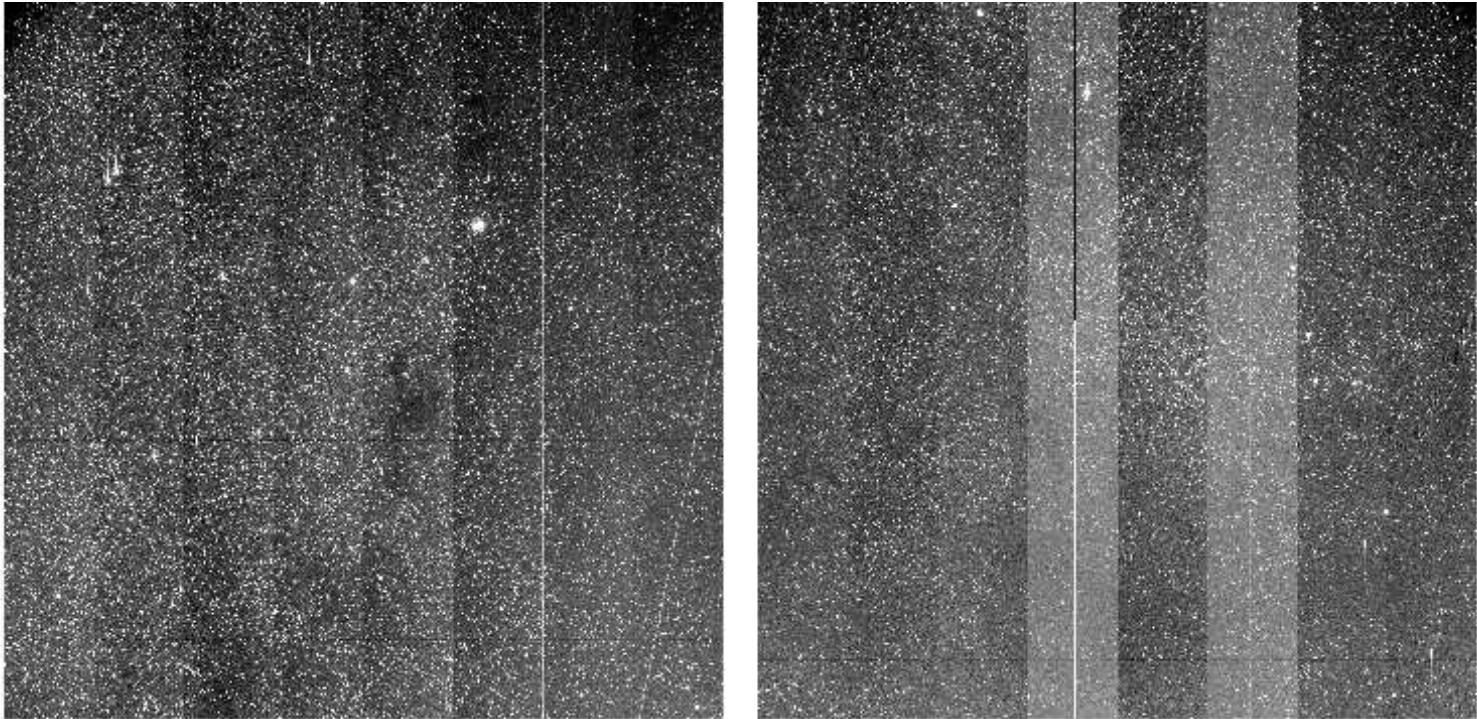
89.1

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8

0.3



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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kmts.20260727.052018.fits

BLG

OBJECT

BLG02

17:54:29.470

-29:01:55.00

60

1.34

14:43:28

I

2026-07-27T16:57:03

-108.78

22 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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48.4

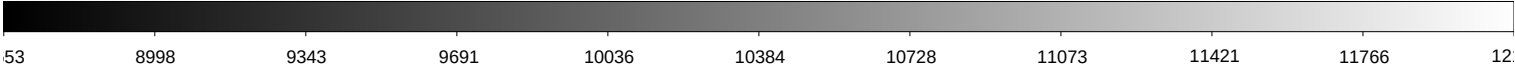
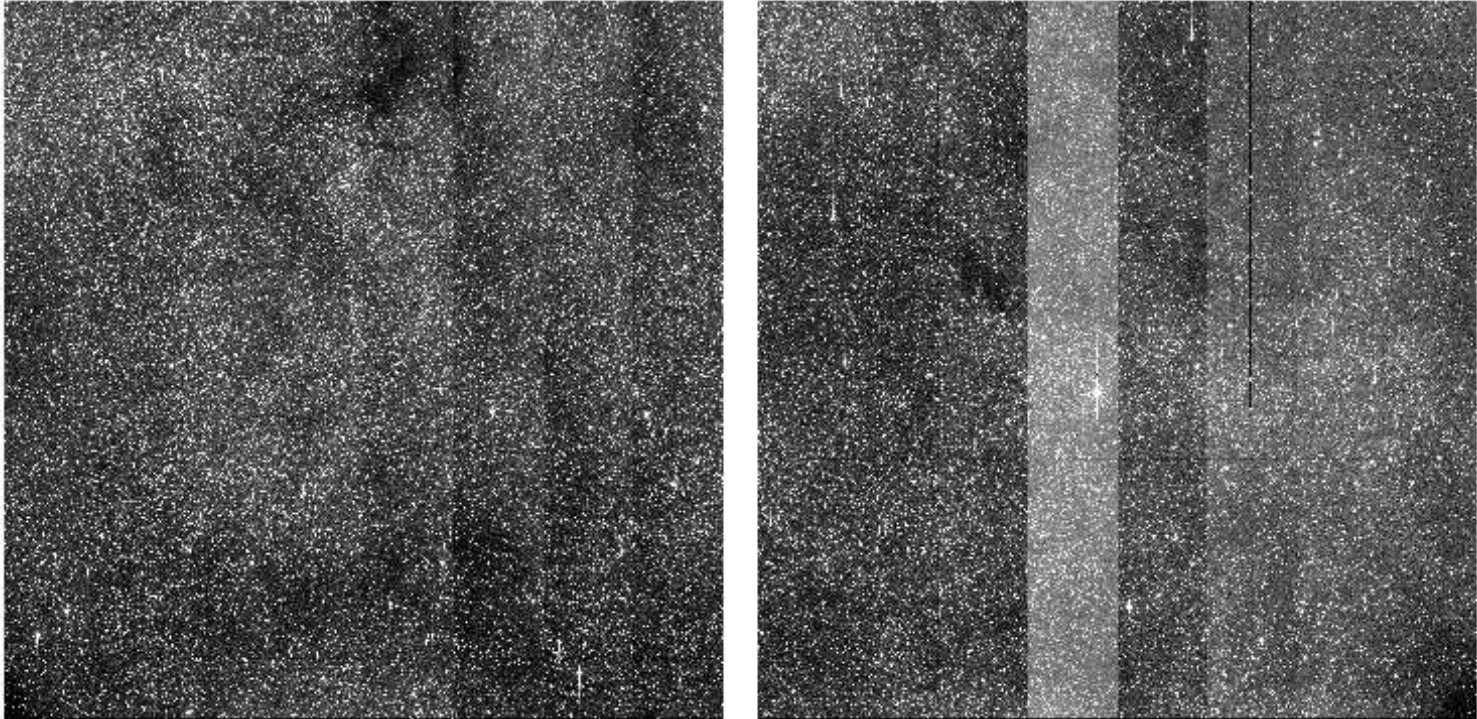
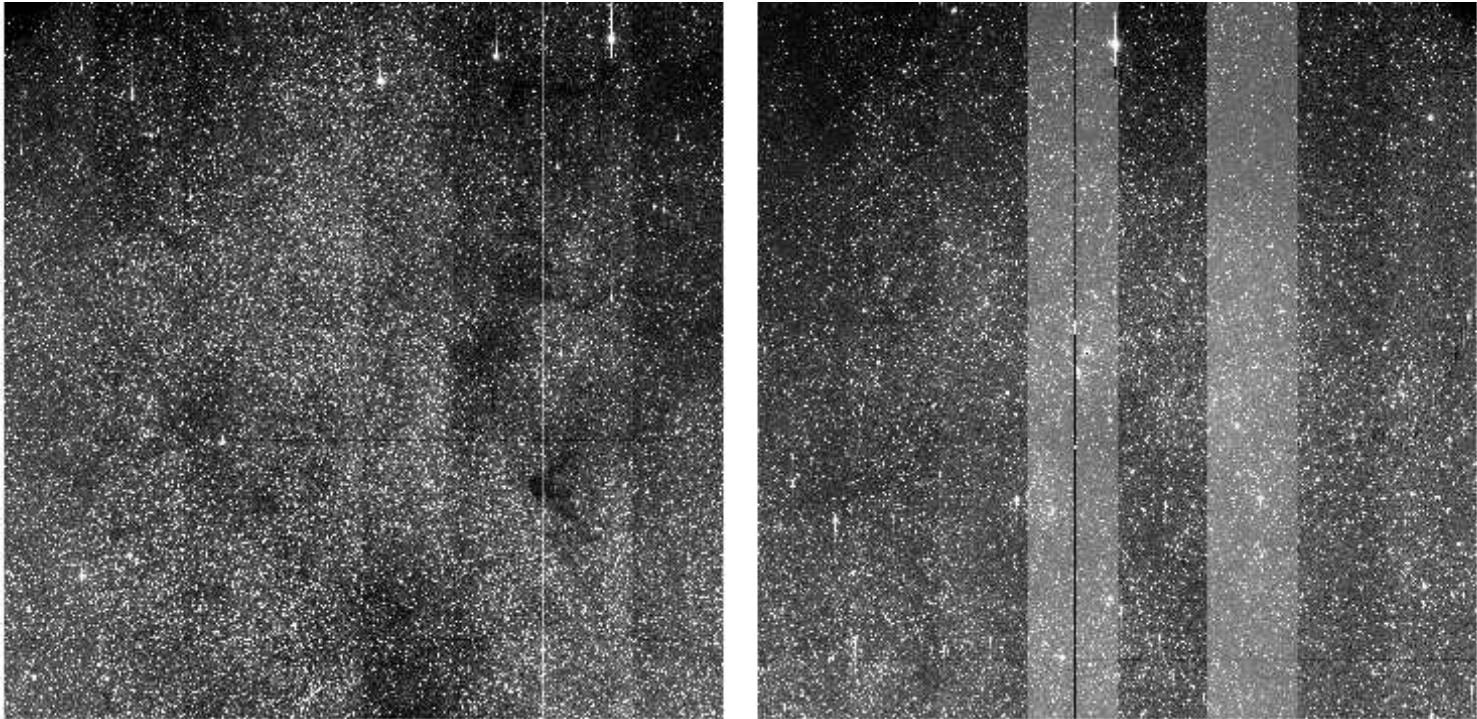
81.1

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8

0.4



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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kmts.20260727.052019.fits

BLG

OBJECT

BLG03

18:02:05.290

-27:56:54.90

60

1.37

14:45:38

I

2026-07-27T16:59:13

-108.8

23 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.9

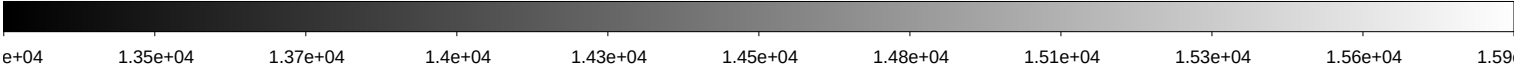
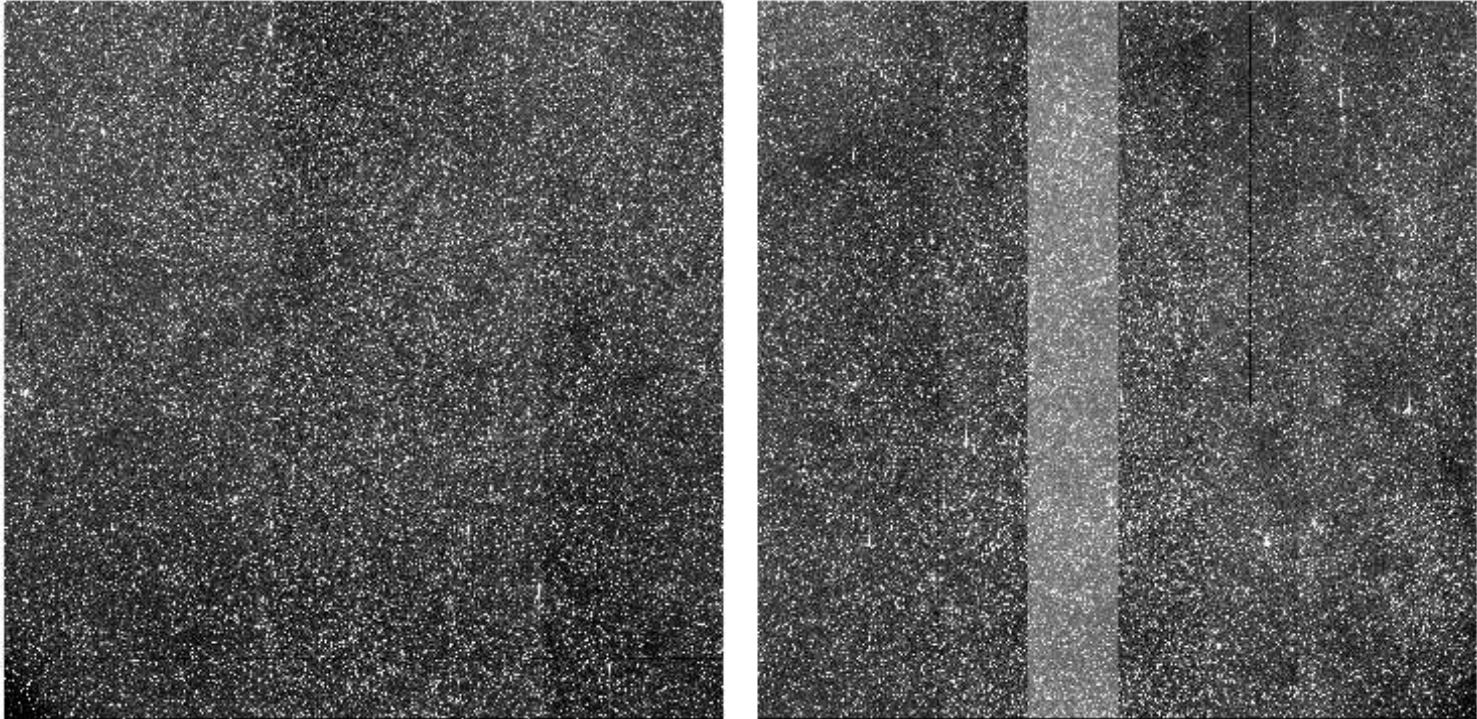
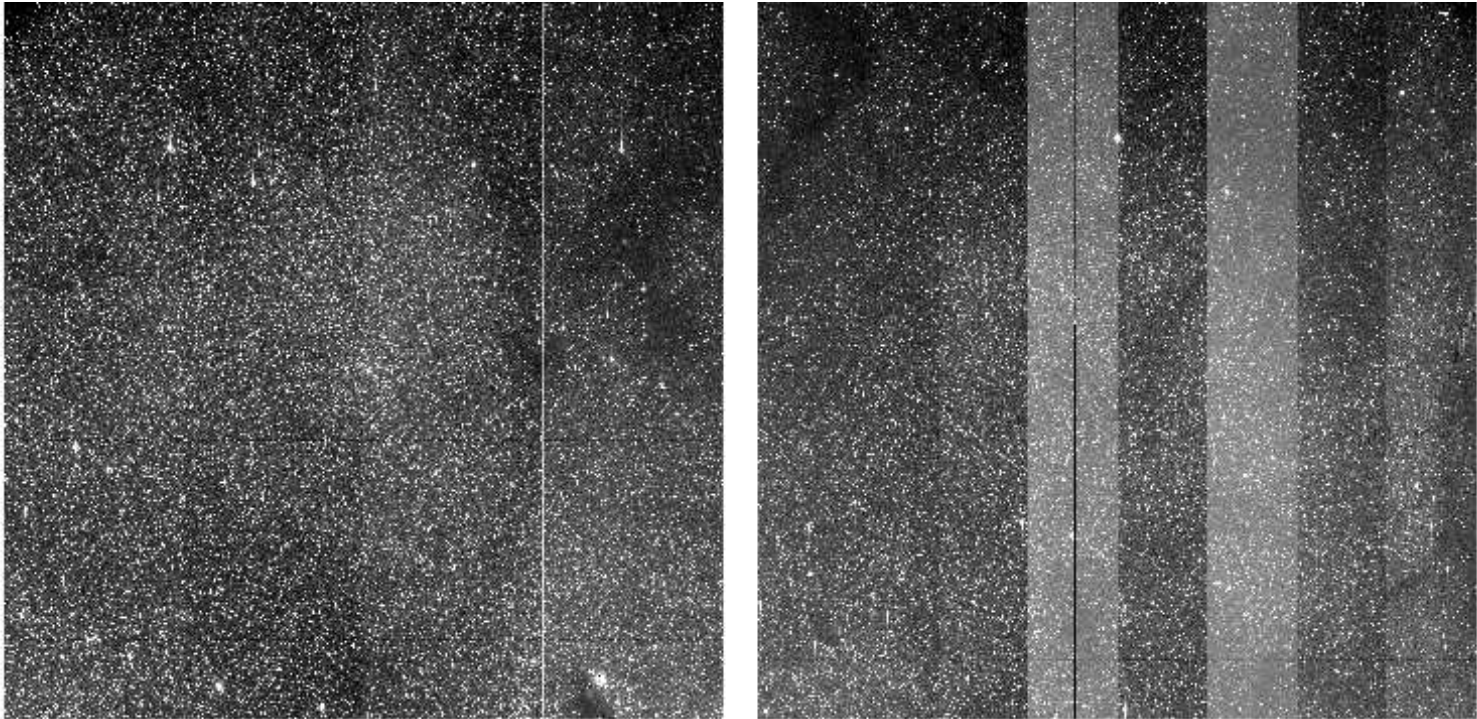
82.1

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—

8

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052020.fits

: BLG

: OBJECT

: BLG41

: 17:54:12.570

: -31:15:55.80

: 60

: 1.31

: 14:47:52

: I

: 2026-07-27T17:01:13

: -108.8

24 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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50.0

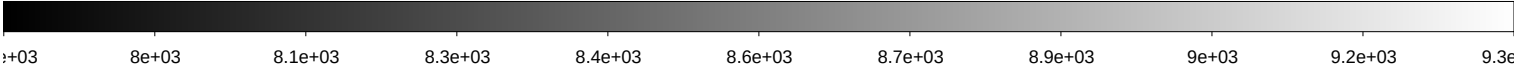
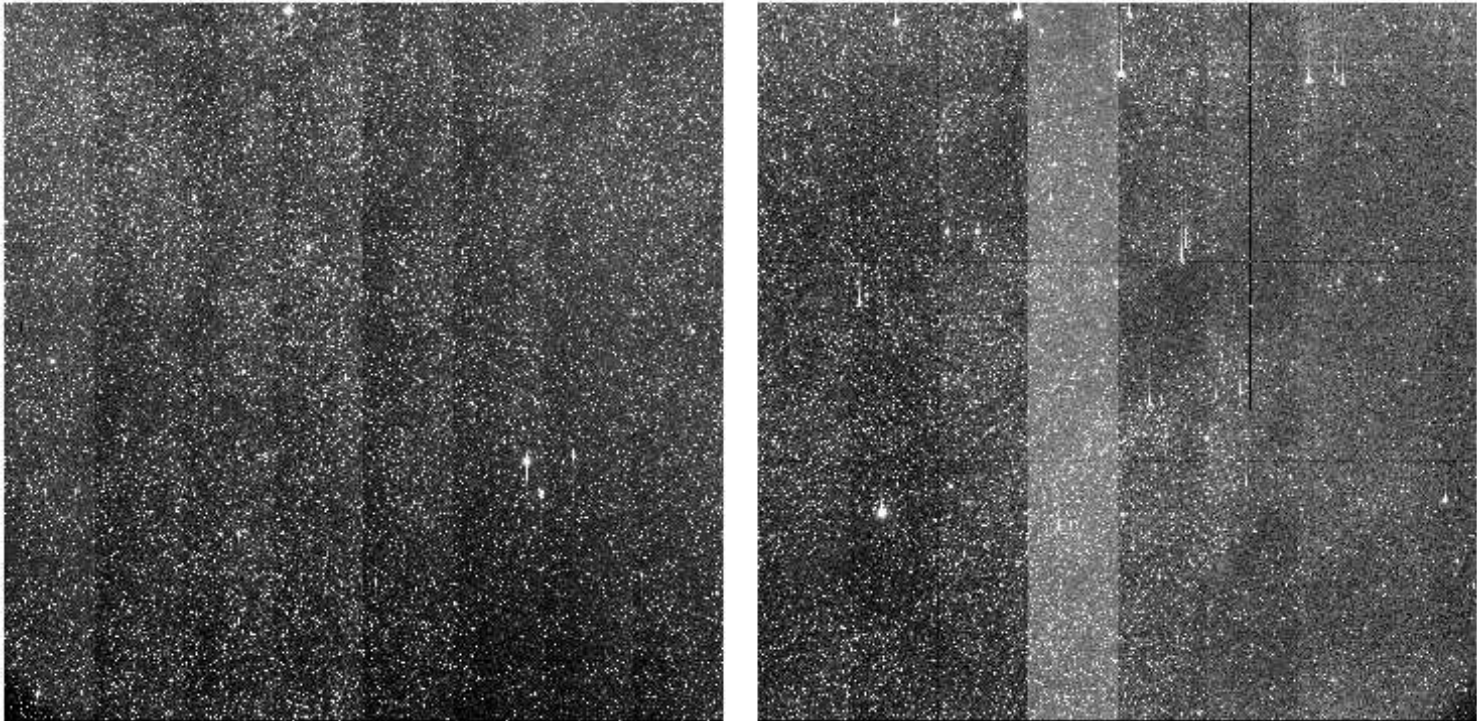
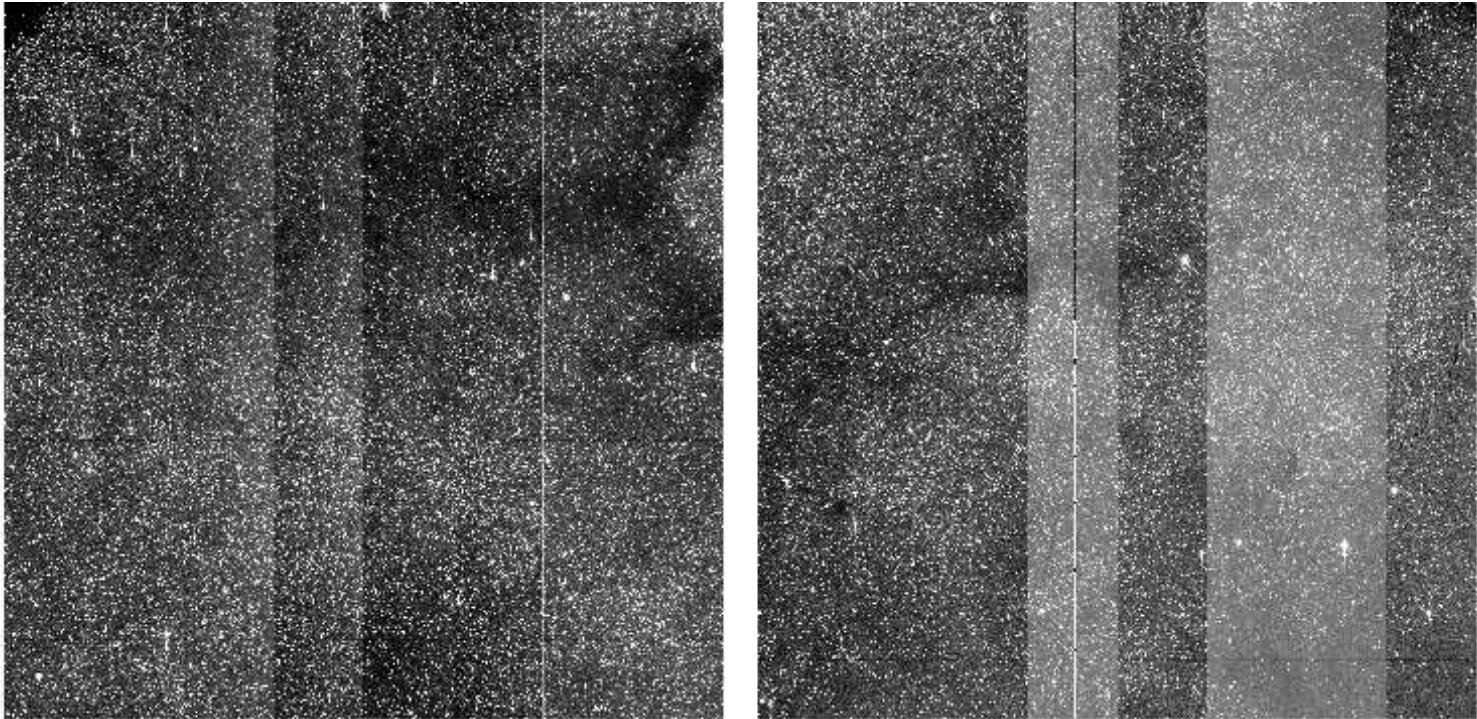
78.2

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8

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052021.fits

: BLG

: OBJECT

: BLG12

: 17:27:40.200

: -27:50:23.90

: 60

: 1.22

: 14:49:50

: I

: 2026-07-27T17:03:24

: -108.81

25 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 55.0

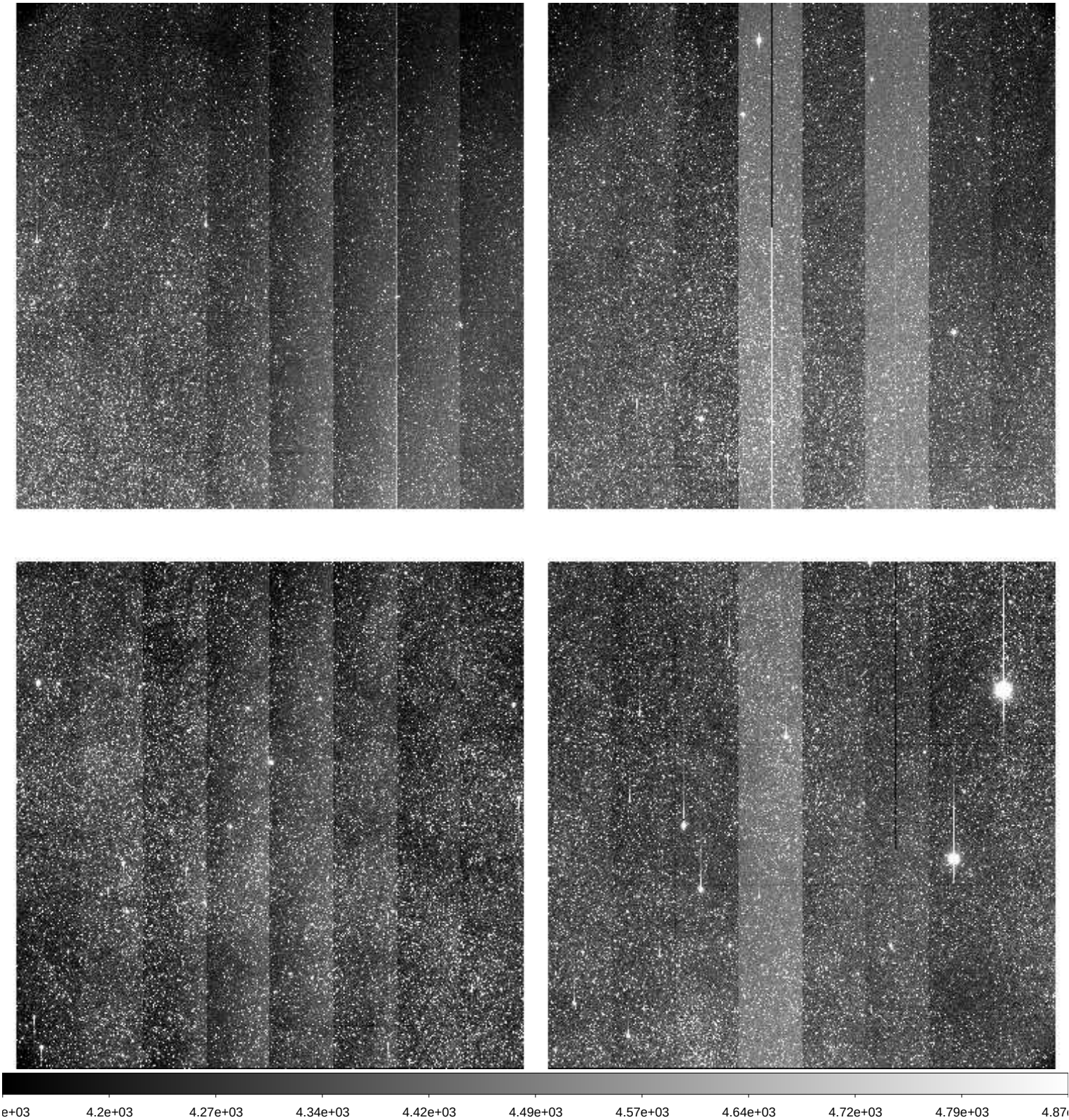
: 86.4

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: 8

: 0.2



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052022.fits

: BLG

: OBJECT

: BLG42

: 17:54:12.300

: -29:09:26.90

: 60

: 1.30

: 14:52:03

: I

: 2026-07-27T17:05:37

: -108.8

26 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 50.3

: 81.8

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: 8

: 0.4

Intensity	02	8406	8709	9016	9319	9626	9929	10233	10540	10843	11046
Color	Black	Dark Gray	Medium Gray	Light Gray	Very Light Gray	White	White	White	White	White	White

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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kmts.20260727.052023.fits

BLG

OBJECT

BLG43

18:01:48.440

-28:04:25.40

60

1.33

14:54:14

I

2026-07-27T17:07:47

-108.8

27 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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48.8

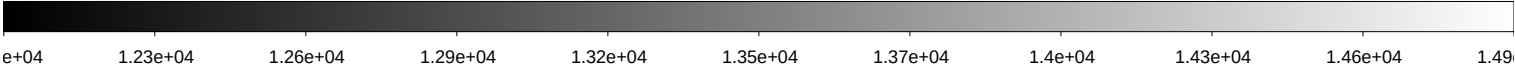
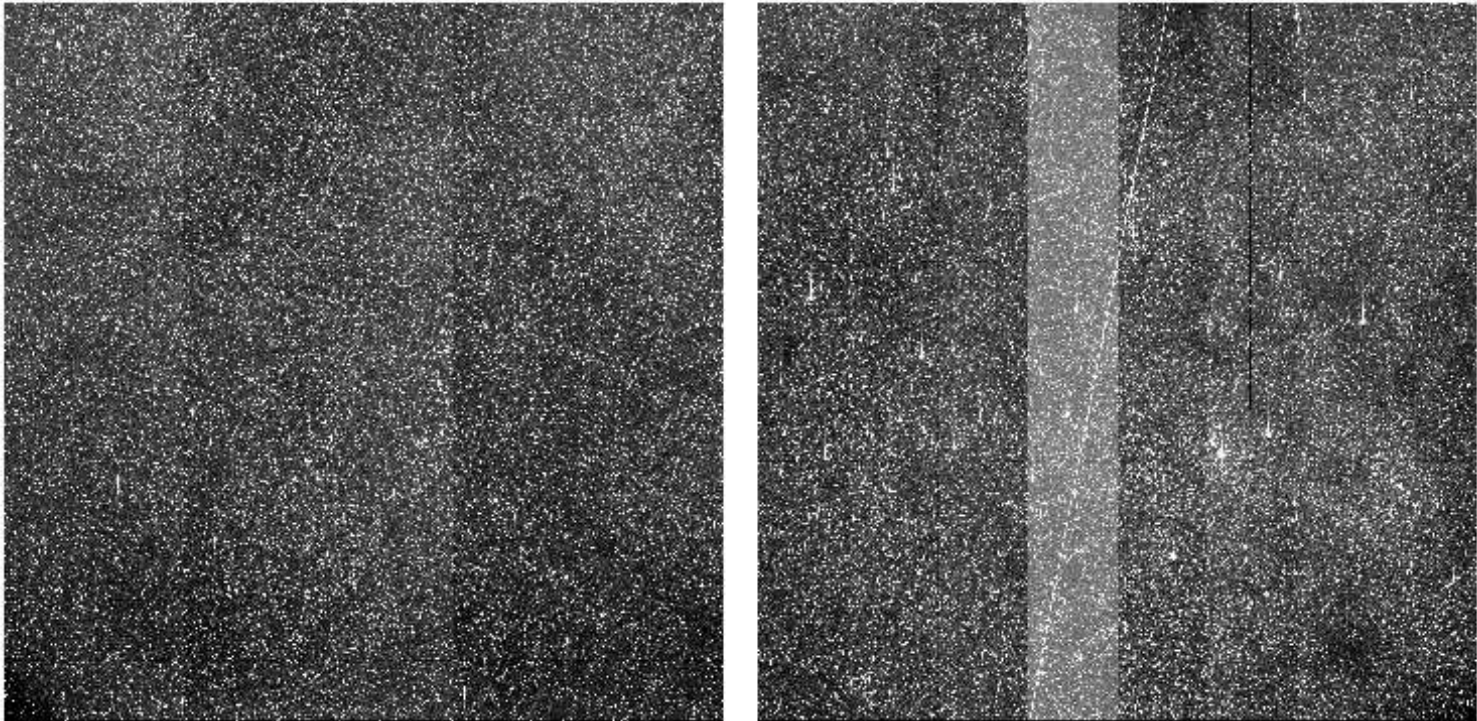
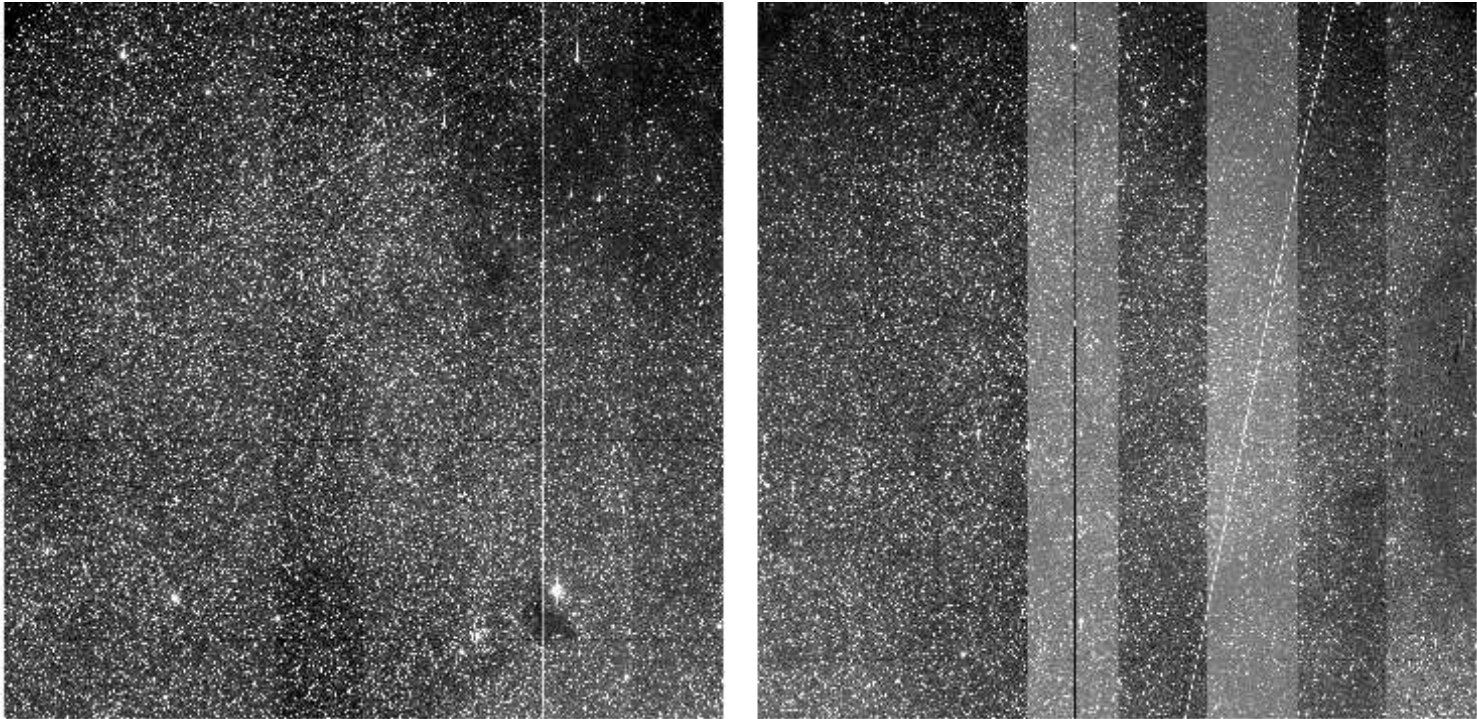
82.8

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8

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052024.fits

: BLG

: OBJECT

: **BLG11**

: 17:27:35.330

: -29:57:23.60

: 60

: 1.19

: 14:56:27

: I

: 2026-07-27T17:09:48

: -108.83

28 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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57.0

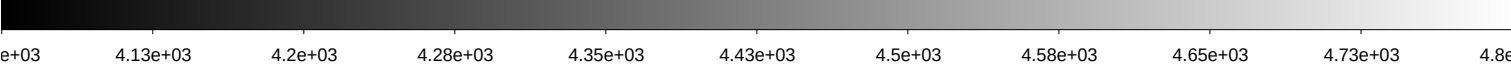
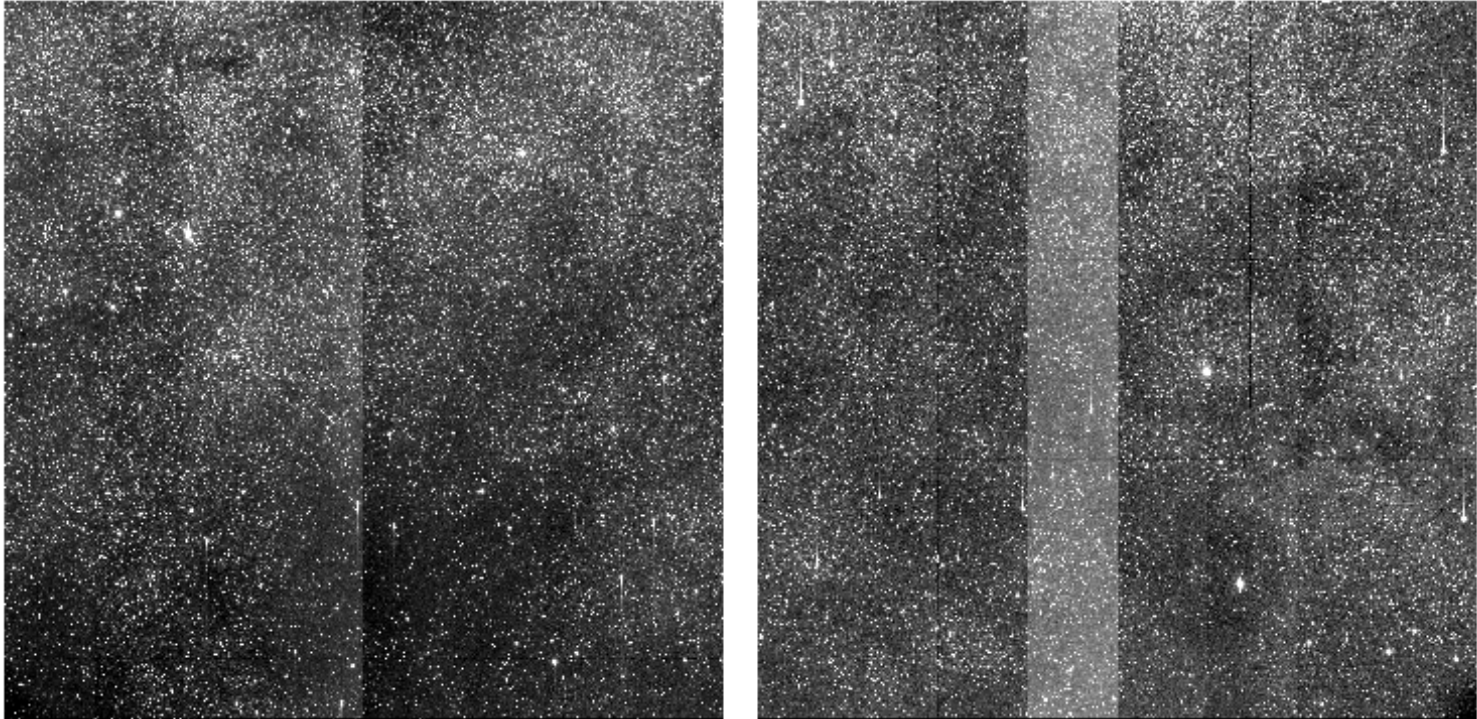
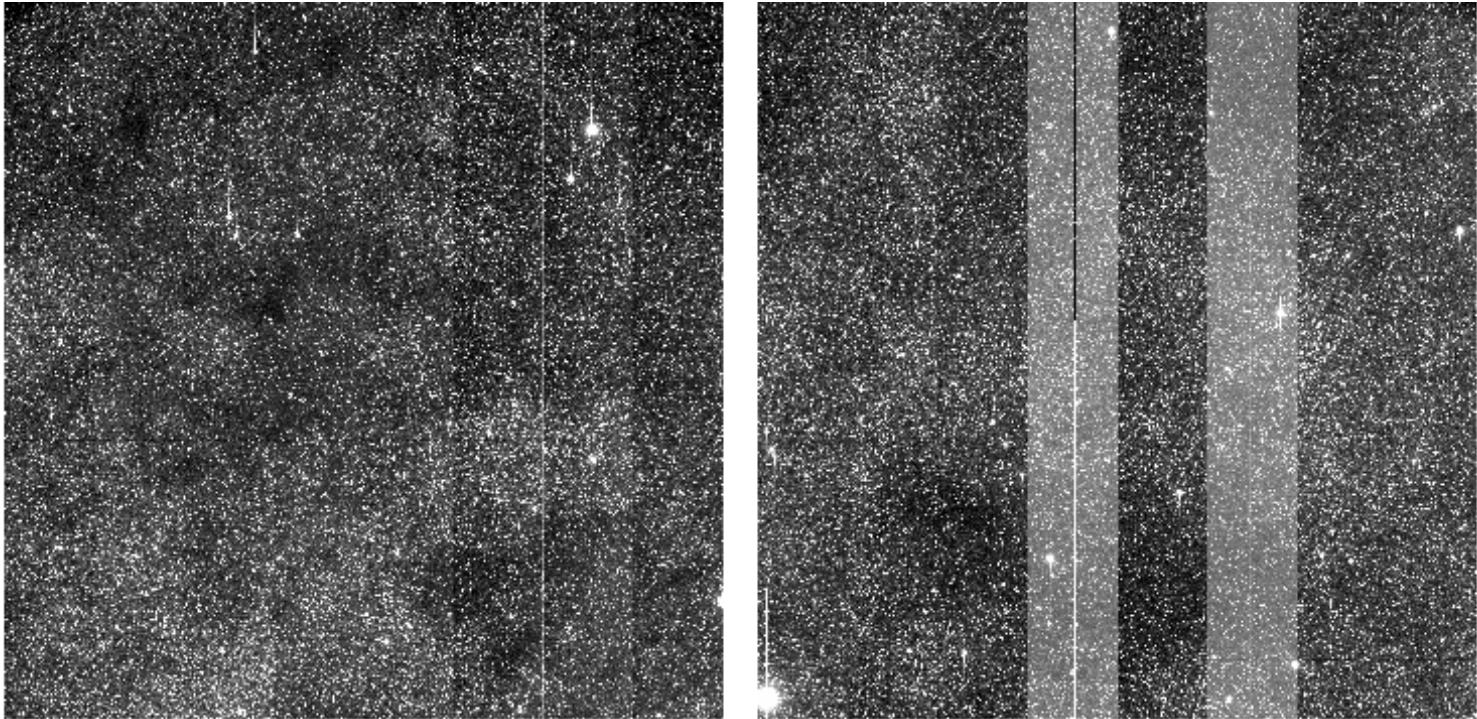
83.4

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8

0.2



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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kmts.20260727.052025.fits

BLG

OBJECT

BLG35

18:04:28.280

-25:50:25.90

60

1.34

14:58:28

I

2026-07-27T17:12:00

-108.8

29 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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48.4

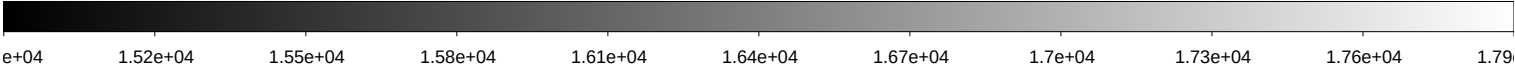
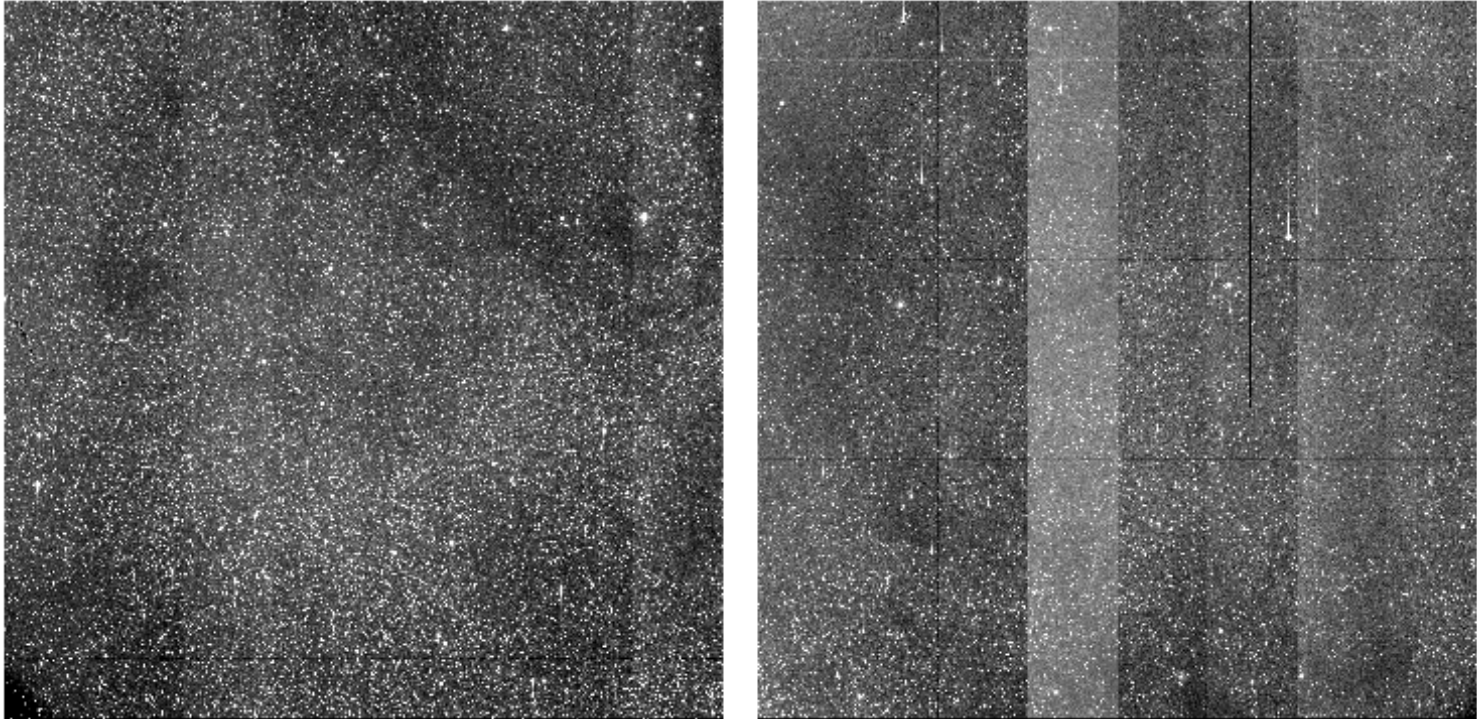
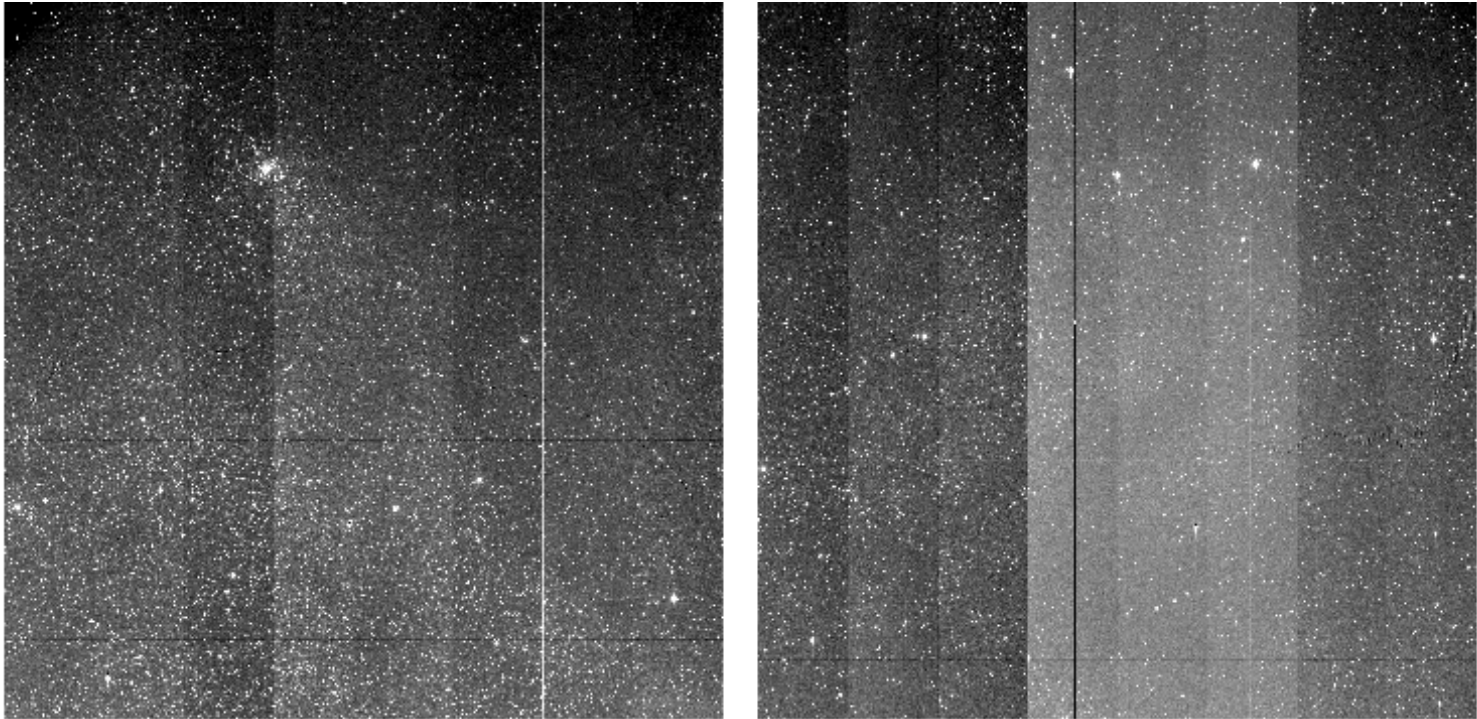
86.2

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8

0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052026.fits

: BLG

: OBJECT

: BLG02

: 17:54:29.110

: -29:01:57.60

: 60

: 1.27

: 15:00:38

: I

: 2026-07-27T17:14:10

: -108.78

30 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 52.0

: 82.8

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: 8

: 0.4

Two side-by-side astronomical images showing a star field. The images exhibit vertical banding artifacts, likely due to the filter or sensor characteristics. The stars appear as bright points against a dark, noisy background.

Two side-by-side astronomical images showing a star field. The images exhibit vertical banding artifacts, likely due to the filter or sensor characteristics. The stars appear as bright points against a dark, noisy background.

A horizontal color bar with numerical labels ranging from 24 to 114. The bar is divided into segments of varying shades of gray, representing a color scale or intensity range. The labels are: 24, 8350, 8676, 9005, 9332, 9661, 9987, 10313, 10642, 10968, 114.

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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kmts.20260727.052027.fits

BLG

OBJECT

BLG03

18:02:05.130

-27:56:57.80

60

1.30

15:02:48

I

2026-07-27T17:16:07

-108.8

31 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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50.5

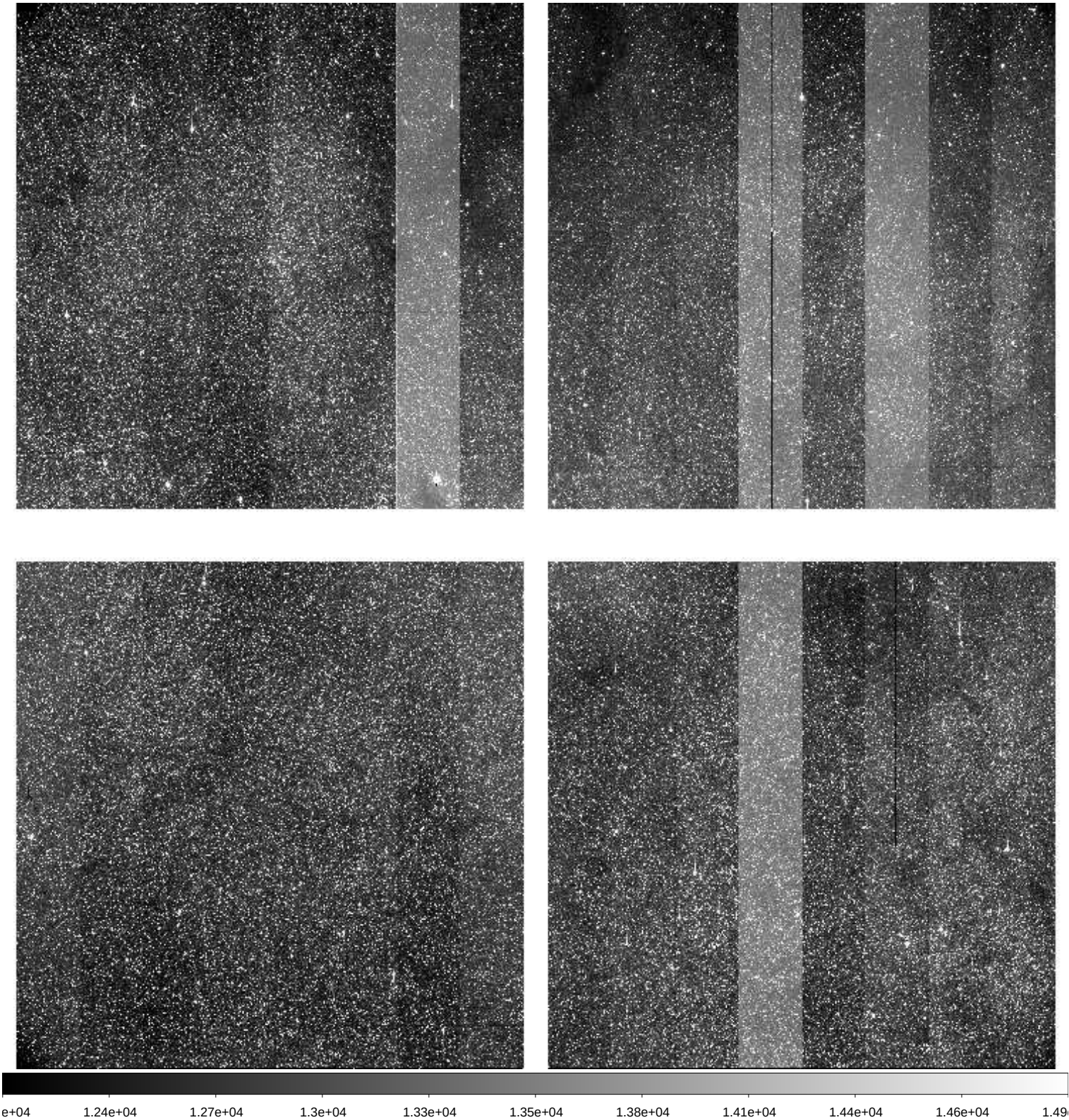
83.9

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8

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052028.fits

: BLG

: OBJECT

: BLG01

: 17:54:29.250

: -31:08:26.20

: 60

: 1.25

: 15:04:45

: I

: 2026-07-27T17:18:17

: -108.81

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 53.4

: 79.8

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: 8

: 0.4

7.7e+03 7.9e+03 8e+03 8.2e+03 8.3e+03 8.5e+03 8.6e+03 8.8e+03 8.9e+03 9.1e+03

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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kmts.20260727.052029.fits

BLG

OBJECT

BLG04

18:03:55.150

-30:03:28.40

60

1.28

15:06:54

I

2026-07-27T17:20:25

-108.52

33 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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51.6

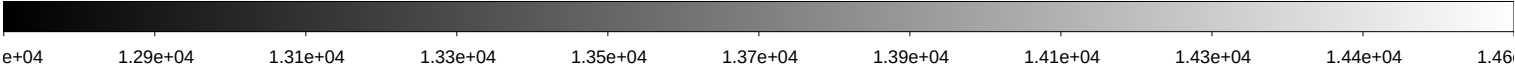
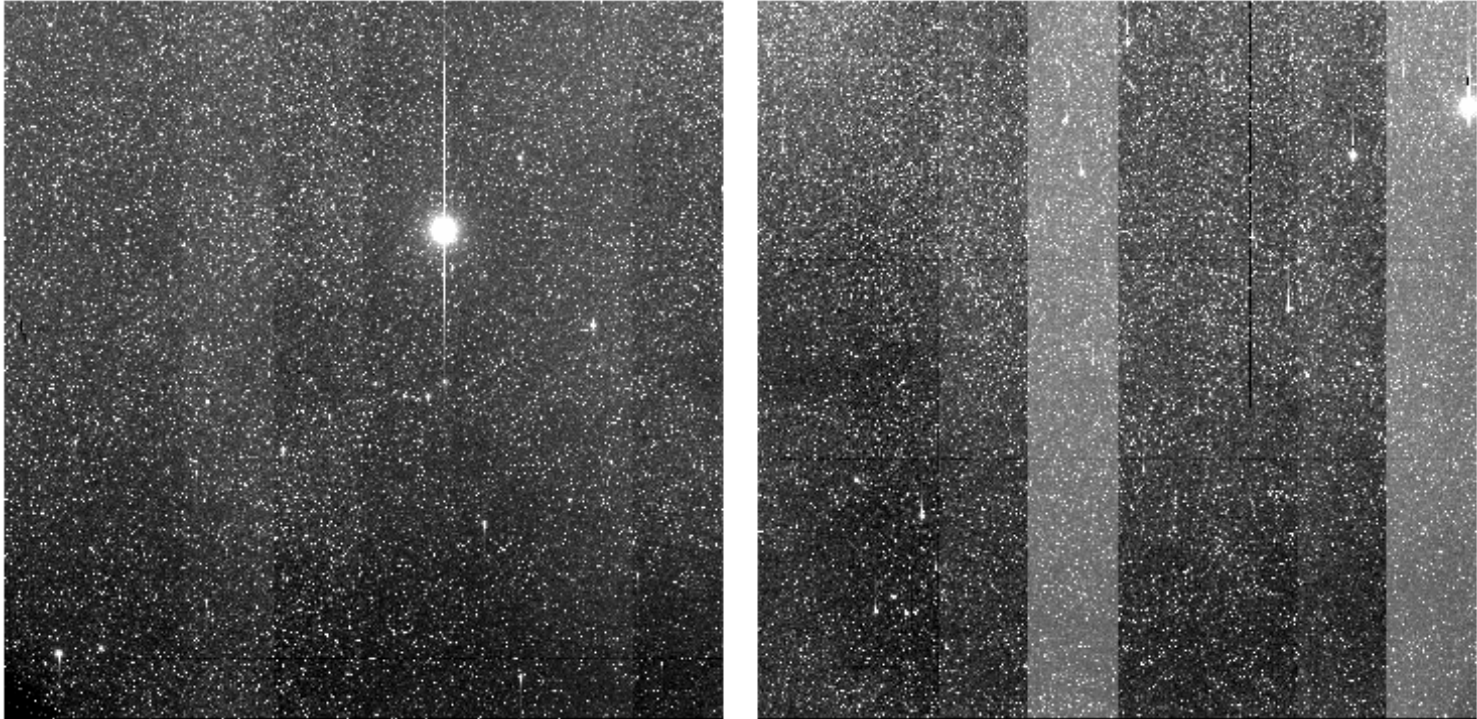
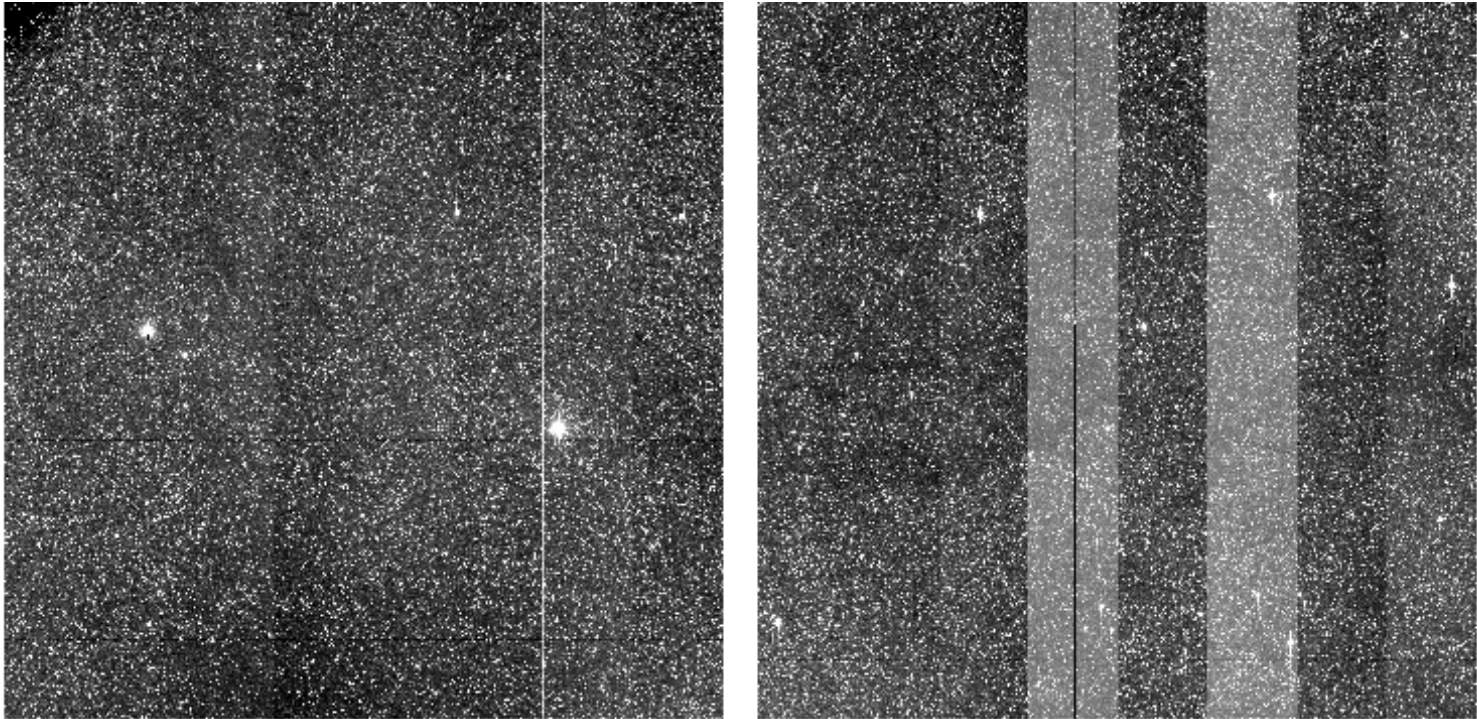
80.9

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8

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052030.fits

: BLG

: OBJECT

: BLG42

: 17:54:12.180

: -29:09:24.60

: 60

: 1.24

: 15:09:04

: I

: 2026-07-27T17:22:34

: -108.74

34 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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53.8

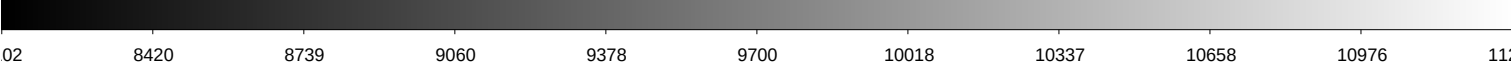
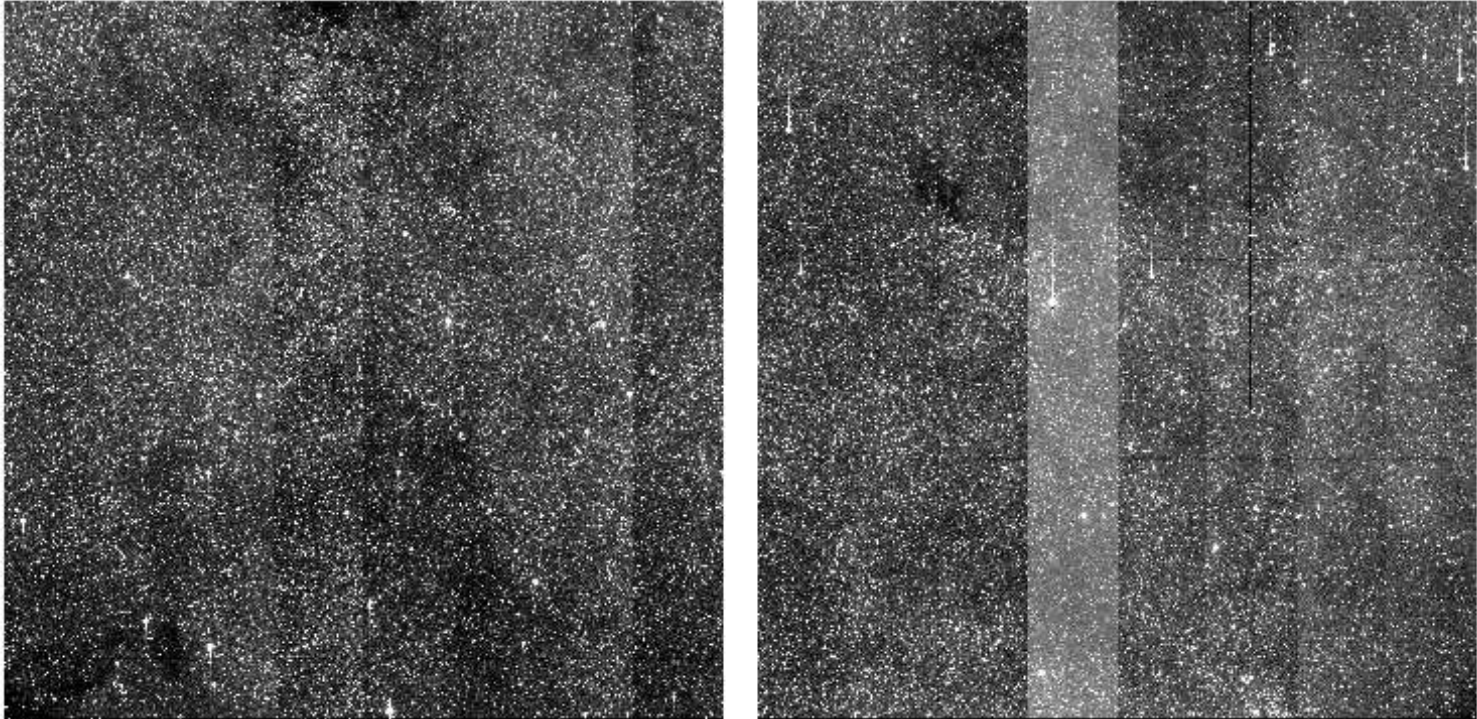
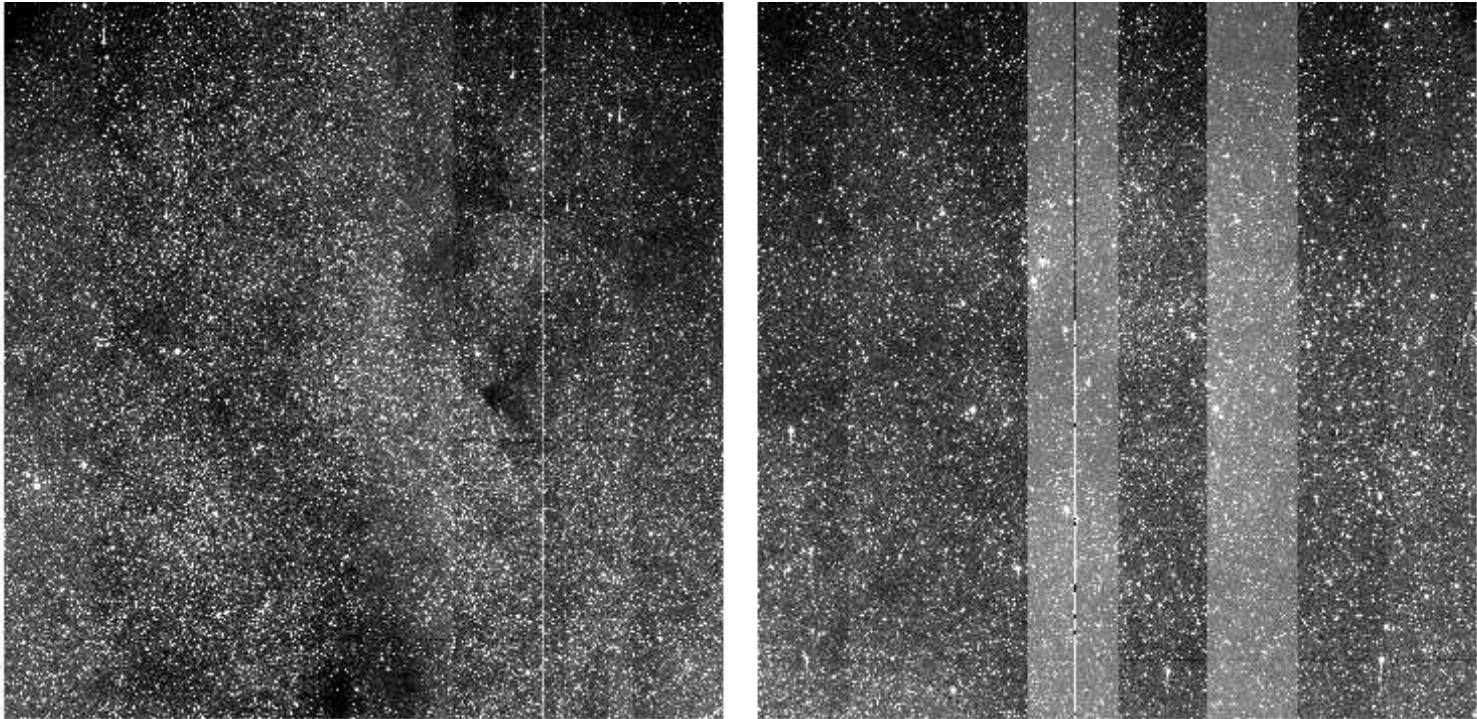
83.5

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8

0.4



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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kmts.20260727.052031.fits

BLG

OBJECT

BLG43

18:01:48.090

-28:04:26.40

60

1.26

15:11:12

I

2026-07-27T17:24:43

-108.79

35 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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52.4

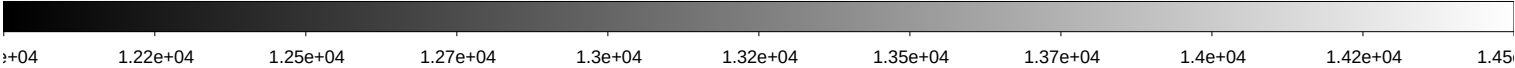
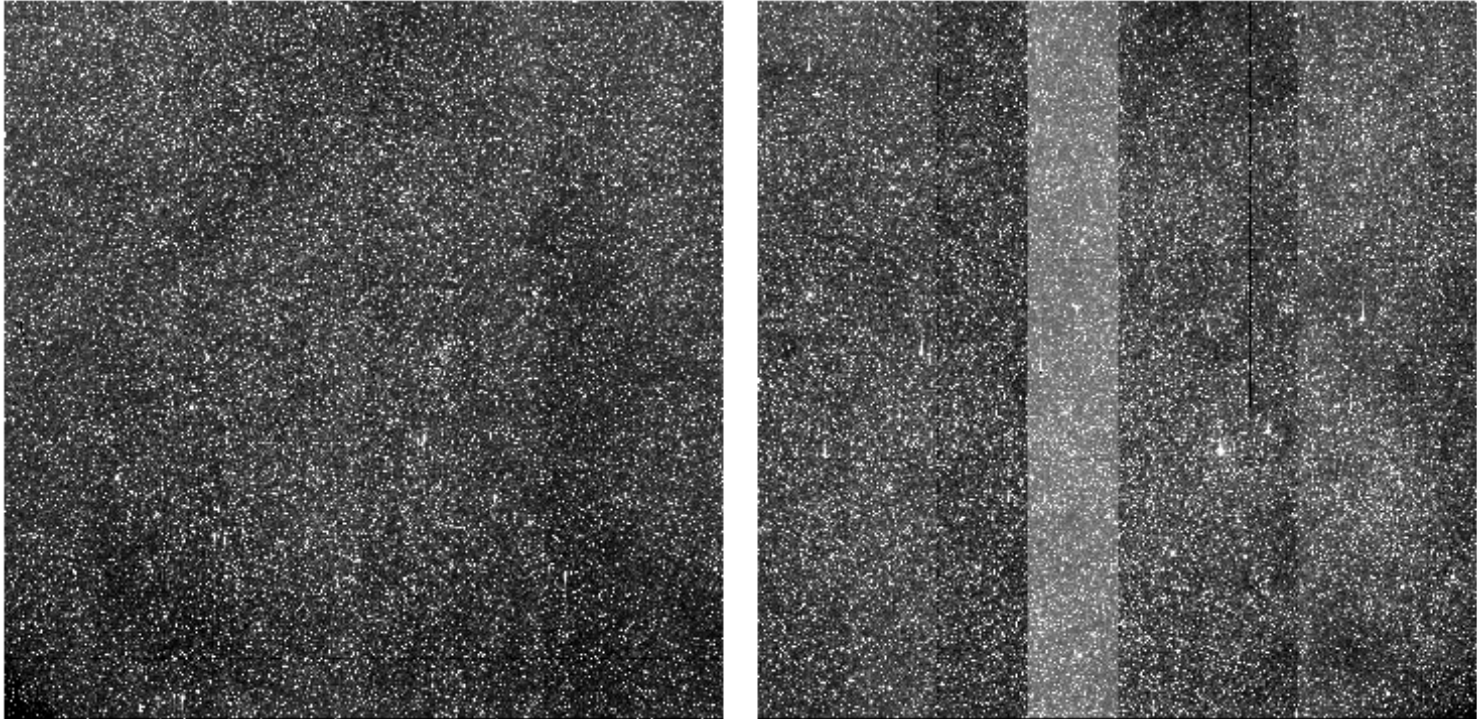
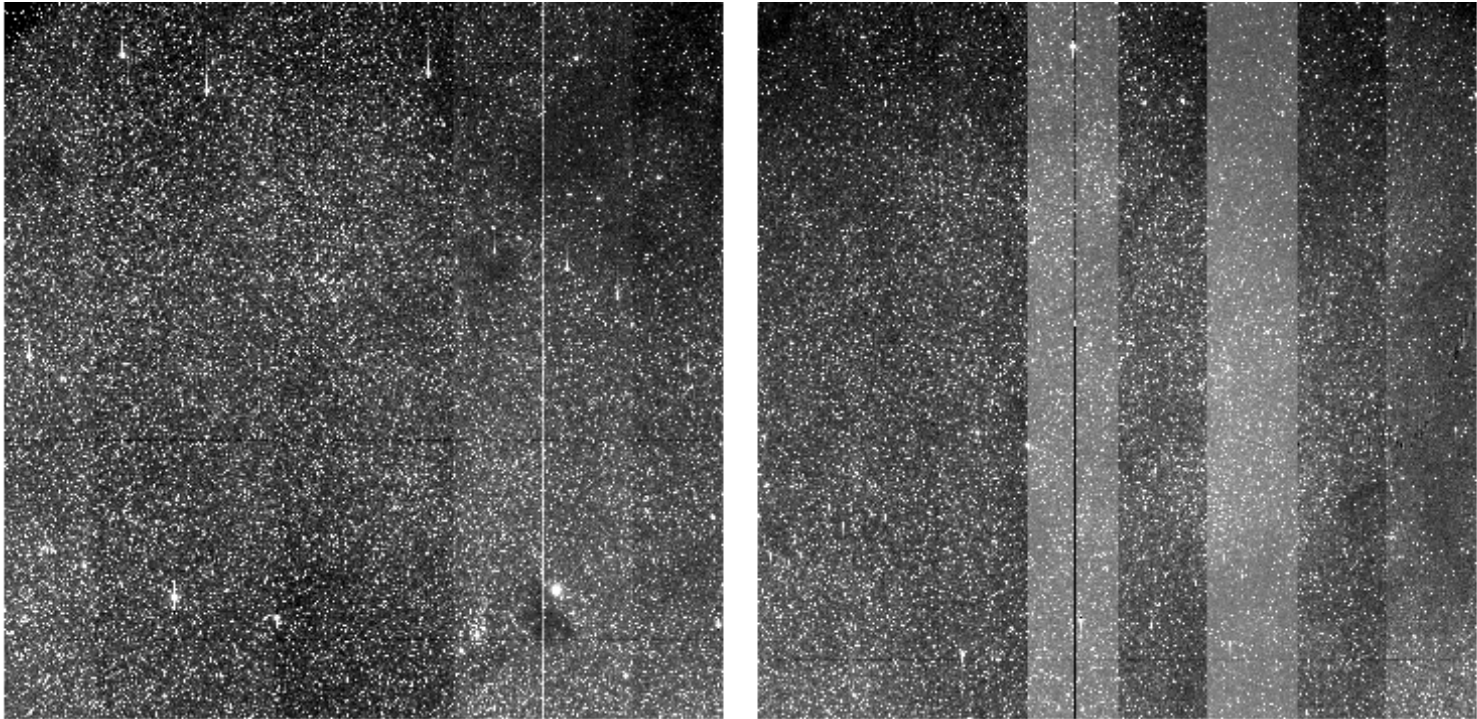
84.6

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8

0.5



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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kmts.20260727.052032.fits

BLG

OBJECT

BLG22

17:54:29.460

-33:15:24.20

60

1.21

15:13:21

I

2026-07-27T17:26:52

-108.82

36 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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55.6

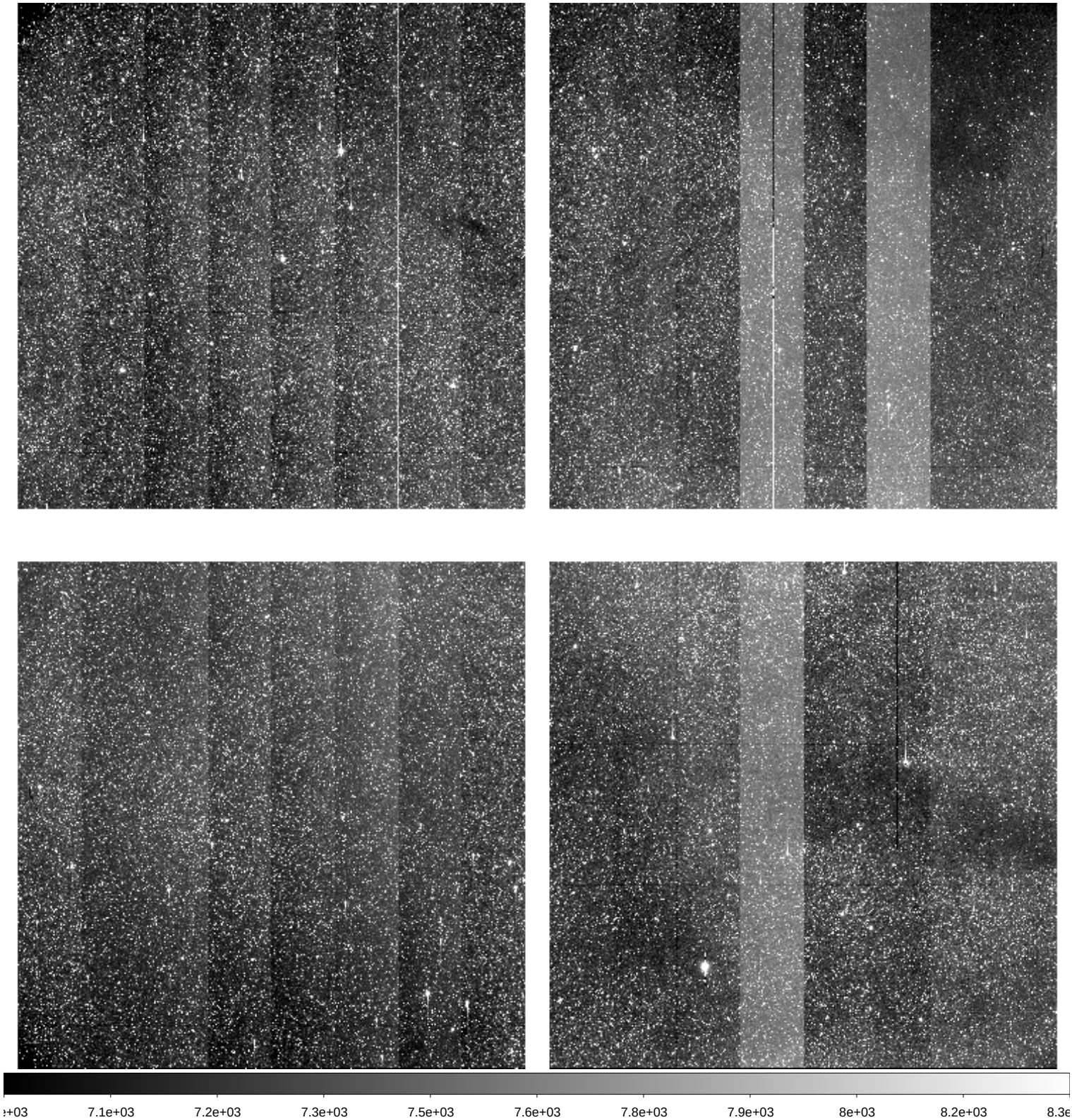
76.9

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8

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052033.fits

: BLG

: OBJECT

: BLG17

: 17:44:45.480

: -33:15:23.80

: 60

: 1.18

: 15:15:33

: I

: 2026-07-27T17:28:49

: -108.84

37 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 58.0

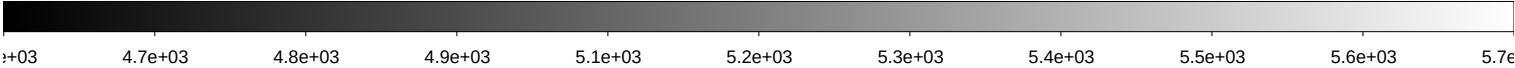
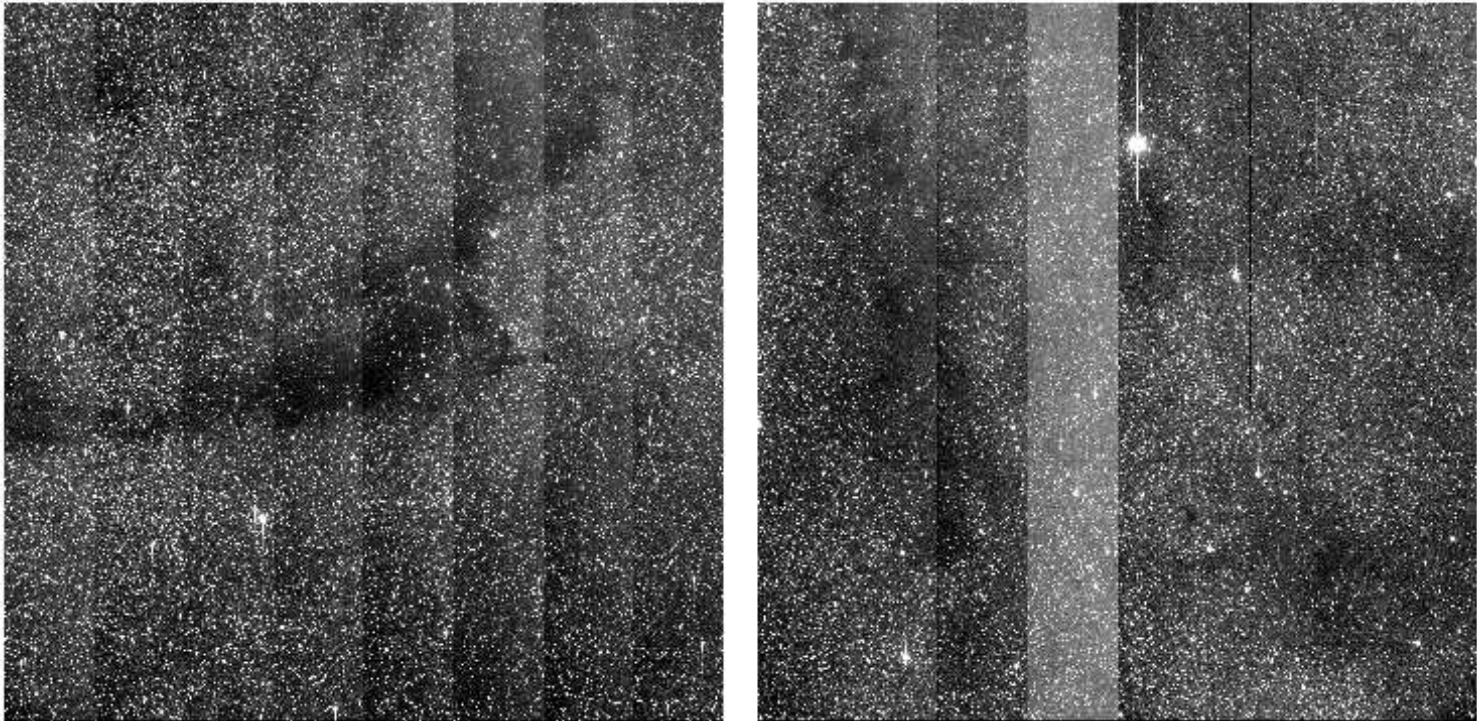
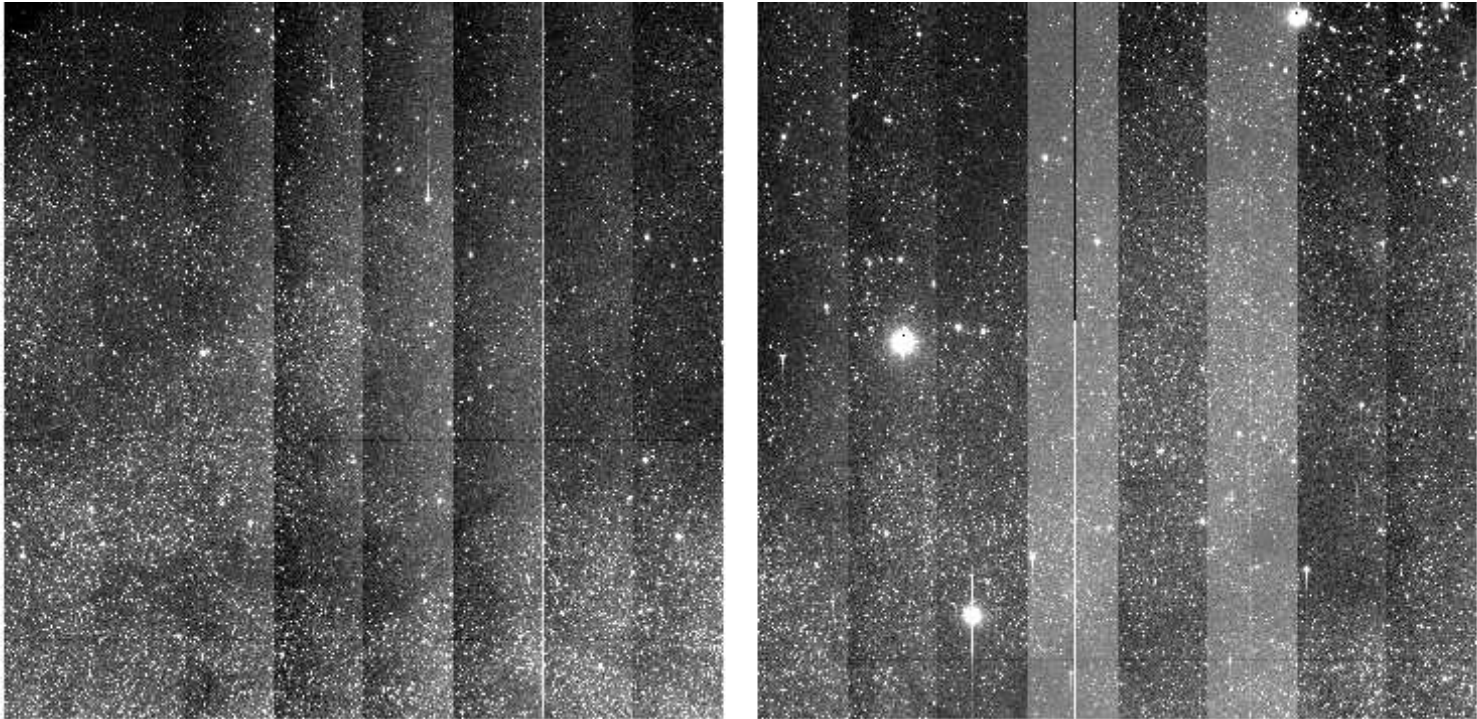
: 77.6

: —

: —

: 8

: 0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052034.fits

: BLG

: OBJECT

: BLG02

: 17:54:29.270

: -29:01:53.80

: 60

: 1.21

: 15:17:30

: I

: 2026-07-27T17:31:00

: -108.56

38 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 55.5

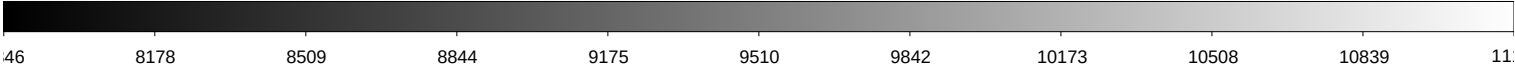
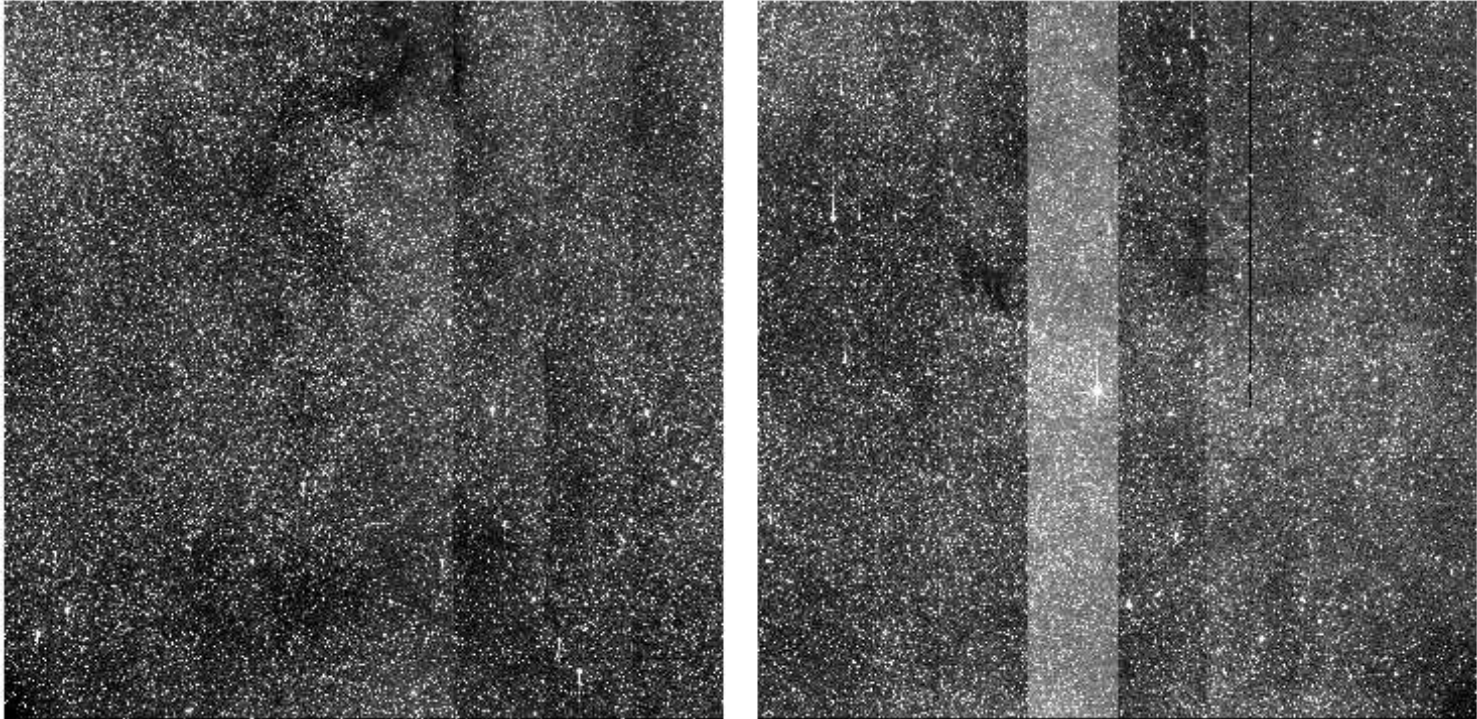
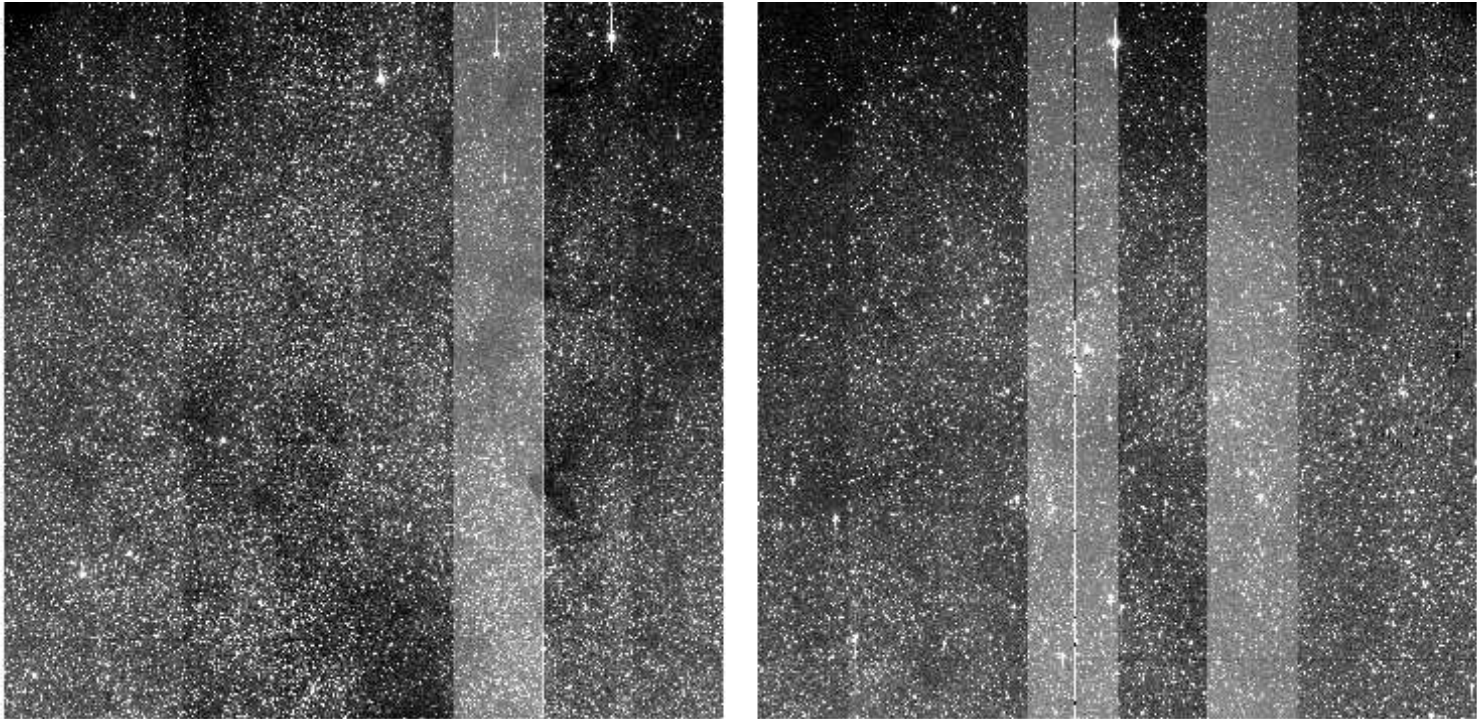
: 84.5

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: 8

: 0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052035.fits

: BLG

: OBJECT

: BLG03

: 18:02:05.150

: -27:56:54.40

: 60

: 1.23

: 15:19:42

: I

: 2026-07-27T17:32:58

: -108.86

39 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 54.1

: 85.7

: —

: —

: 8

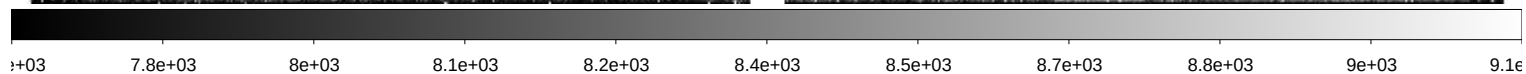
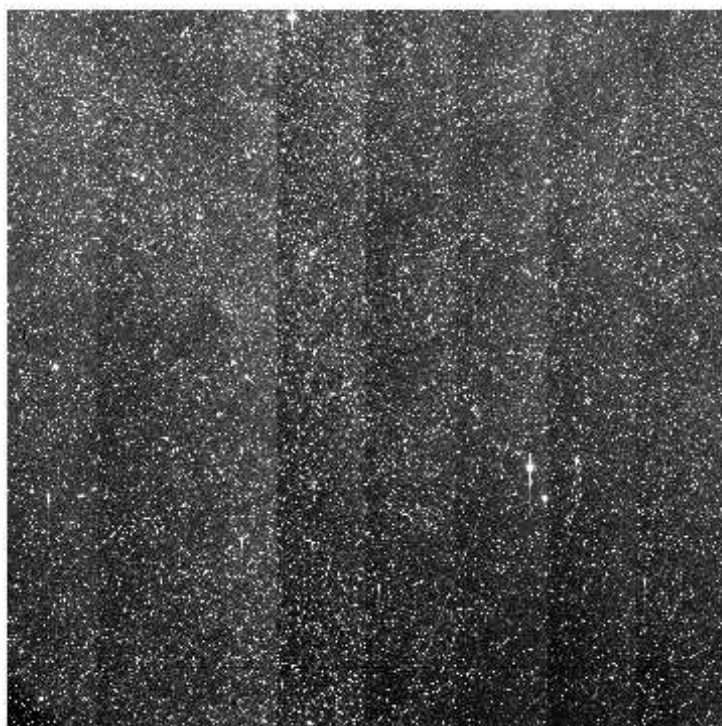
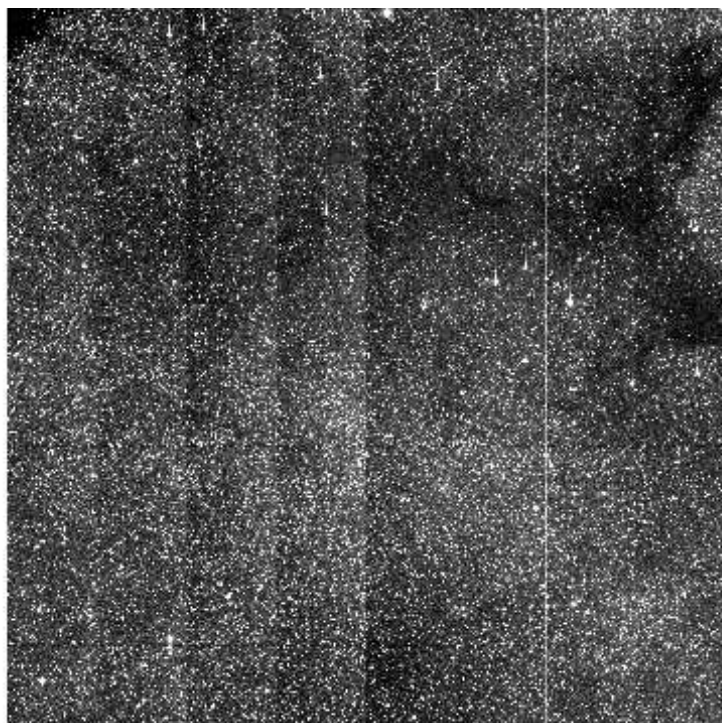
: 0.5

Two side-by-side astronomical images showing a star field. A bright, vertical band of light, likely a nebula or a star cluster, runs through the center of both images. The background is dark with numerous small, bright stars. The images appear to be a sequence or a comparison of the same field.

Two side-by-side astronomical images showing a star field. A bright, vertical band of light, likely a nebula or a star cluster, runs through the center of both images. The background is dark with numerous small, bright stars. The images appear to be a sequence or a comparison of the same field.

A horizontal color bar with a grayscale gradient from black to white. Below the bar, numerical values in scientific notation are displayed, ranging from 1.26e+04 to 1.52e+04. The values are: 1.26e+04, 1.29e+04, 1.32e+04, 1.35e+04, 1.38e+04, 1.4e+04, 1.43e+04, 1.46e+04, 1.49e+04, and 1.52e+04. The bar itself is labeled with 'e+04' at the far left.

File Name	:	kmts.20260727.052036.fits	# 40 / 73 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG41	
RA	:	17:54:12.430	
DEC	:	-31:15:53.40	
Exposure Time	:	60	ALT
Airmass	:	1.19	AZ
Sidereal Time	:	15:21:37	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-27T17:35:07	Weather
CCD Temperature	:	-108.85	Moon Effect



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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kmts.20260727.052037.fits

BLG

OBJECT

BLG18

17:46:04.990

-26:45:24.70

60

1.18

15:23:48

I

2026-07-27T17:37:04

-108.91

41 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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58.0

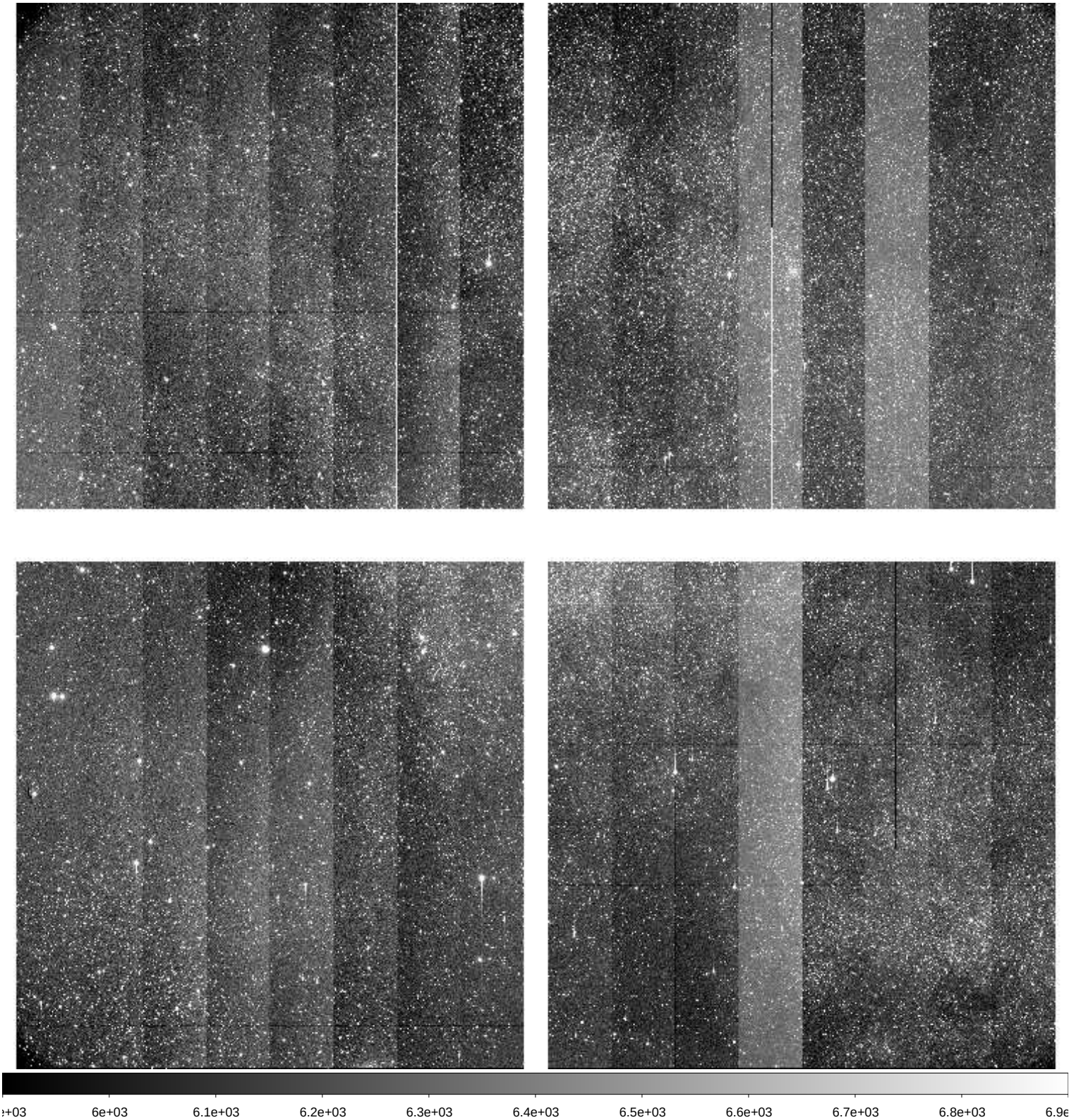
90.2

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8

0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052038.fits

: BLG

: OBJECT

: BLG42

: 17:54:12.230

: -29:09:23.80

: 60

: 1.19

: 15:25:45

: I

: 2026-07-27T17:39:13

: -108.88

42 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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57.4

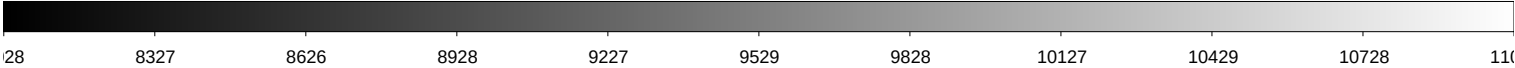
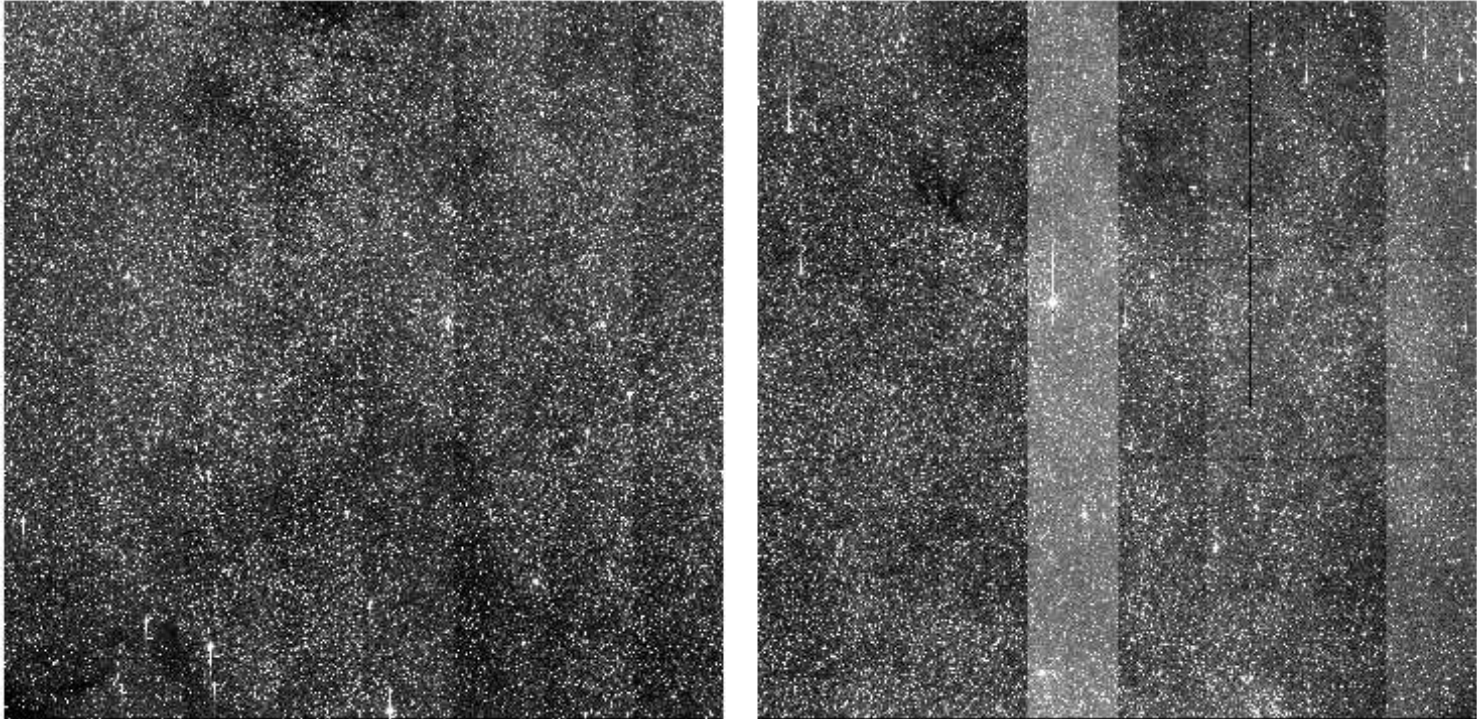
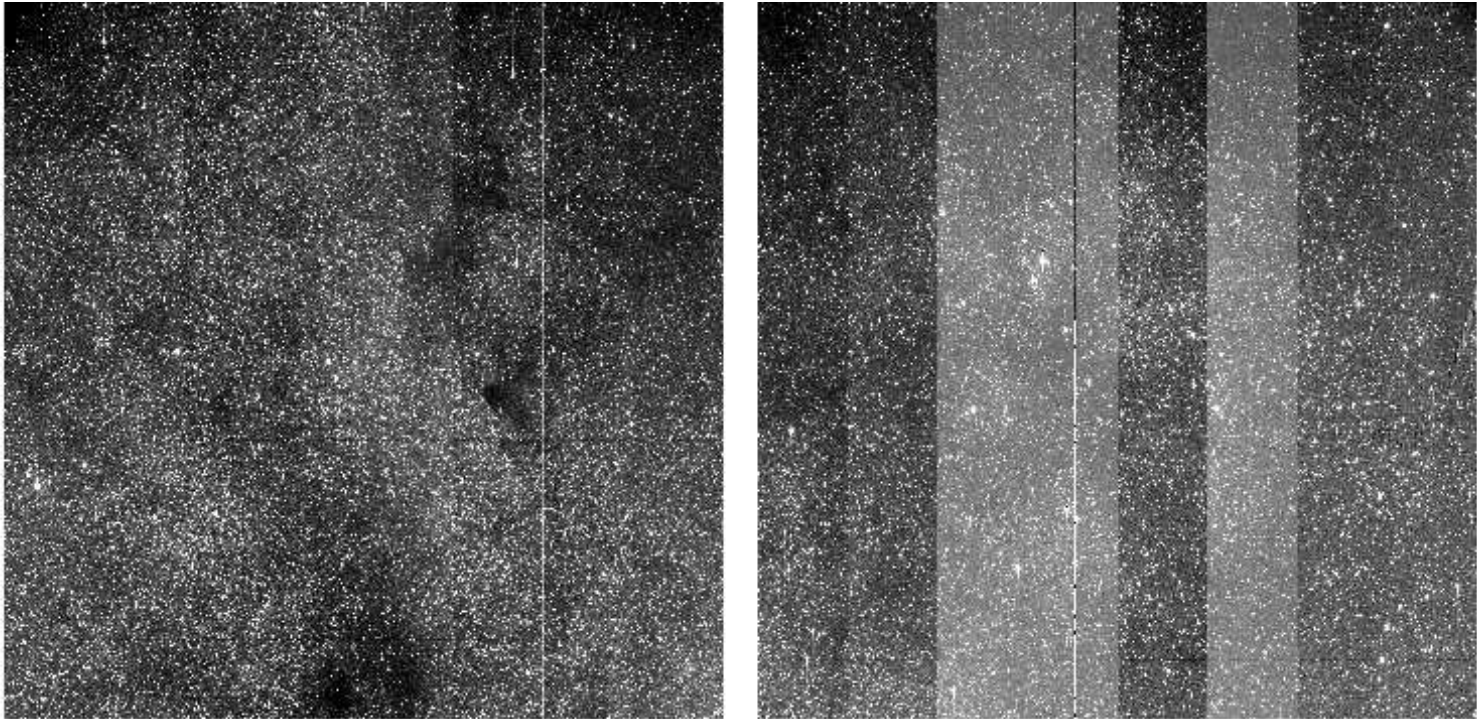
85.2

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8

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052039.fits

: BLG

: OBJECT

: BLG43

: 18:01:48.250

: -28:04:23.50

: 60

: 1.21

: 15:27:53

: I

: 2026-07-27T17:41:22

: -108.89

43 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 55.9

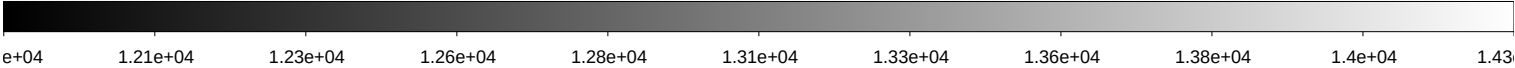
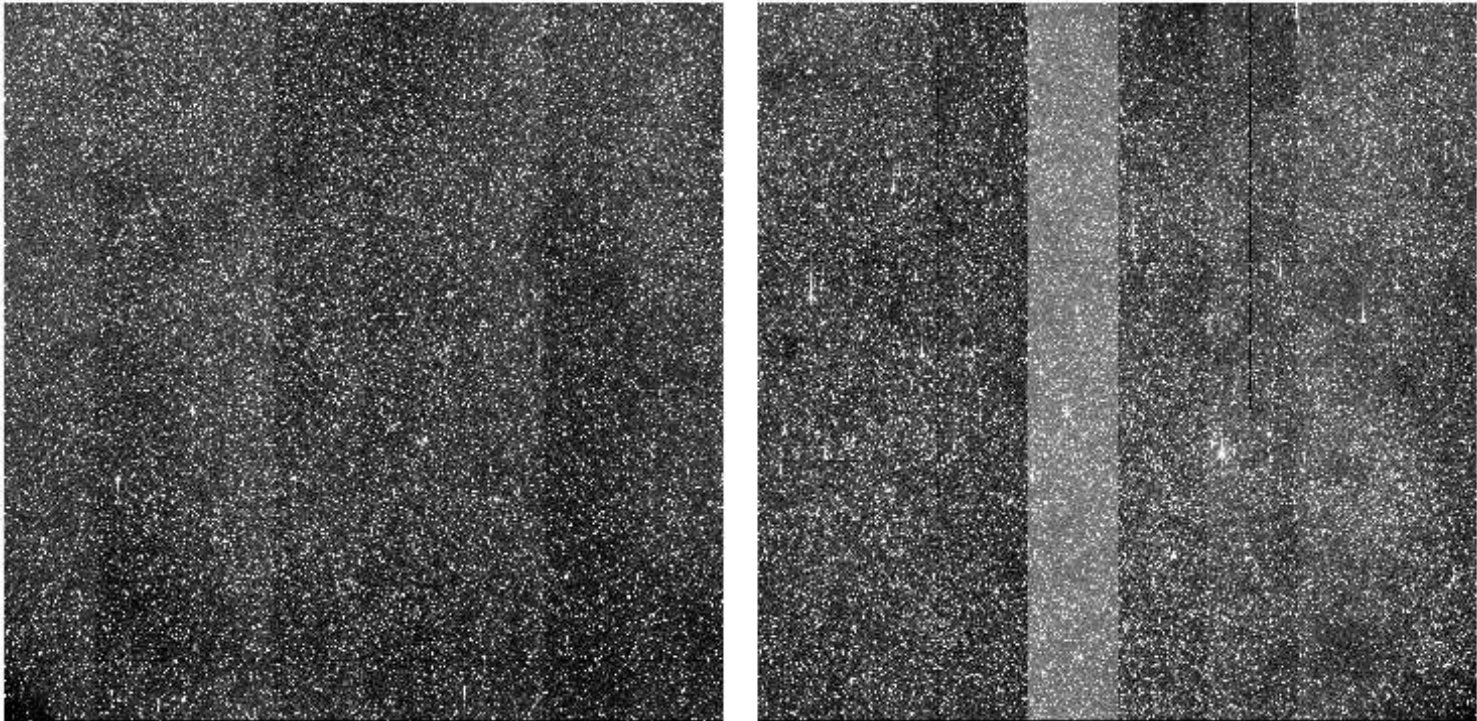
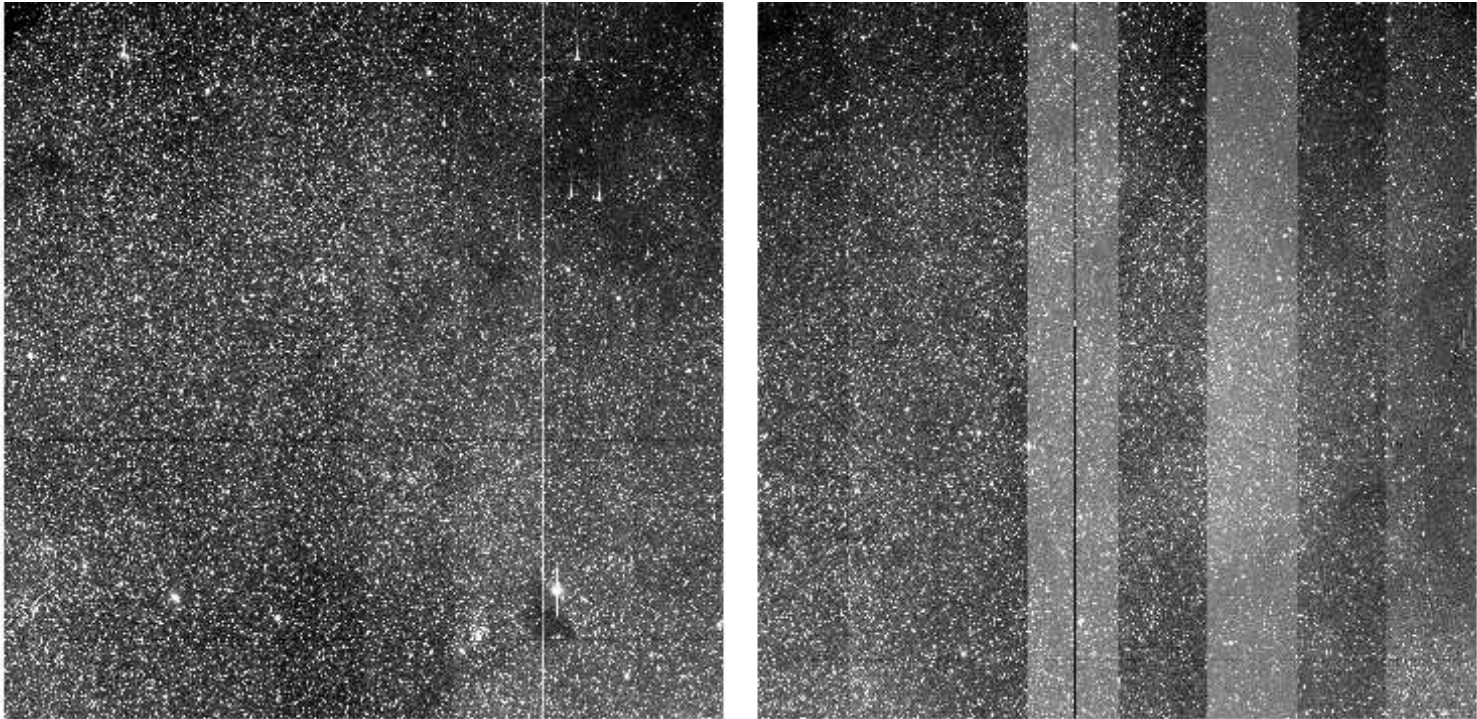
: 86.5

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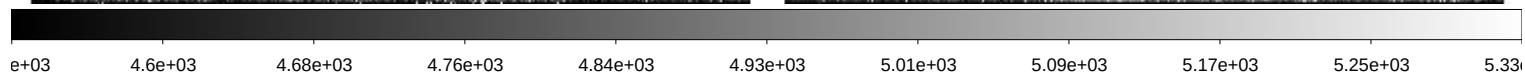
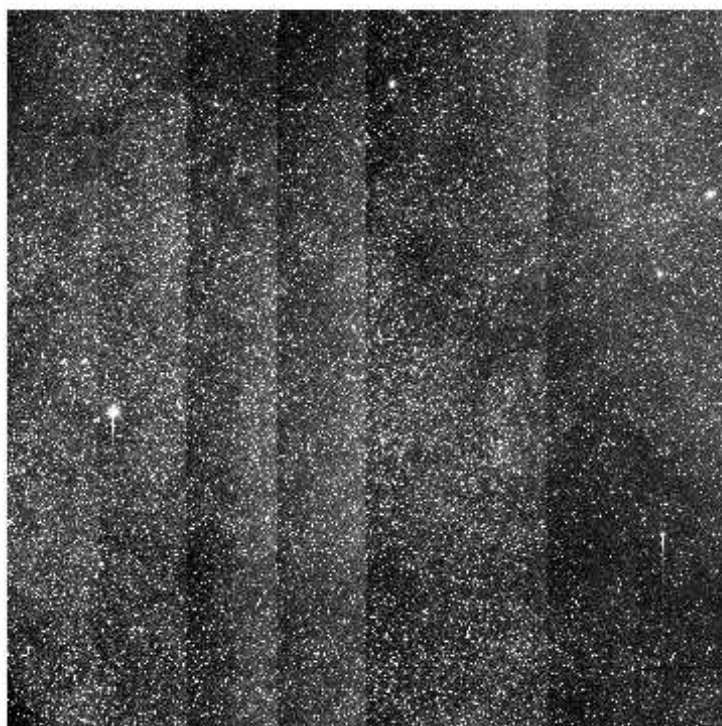
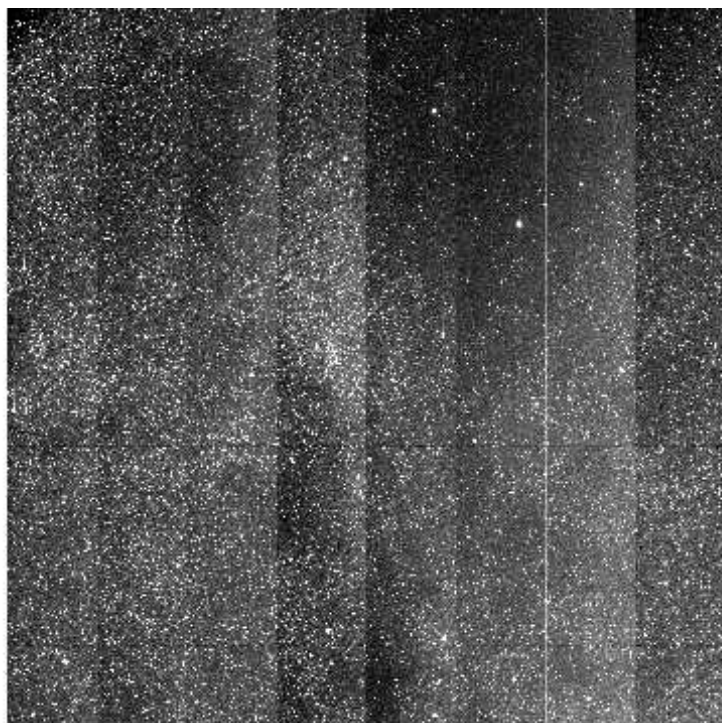
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: 8

: 0.5



File Name	:	kmts.20260727.052040.fits	# 44 / 73 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG15	
RA	:	17:36:55.450	
DEC	:	-26:47:25.60	
Exposure Time	:	60	ALT
Airmass	:	1.14	AZ
Sidereal Time	:	15:30:04	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-27T17:43:31	Weather
CCD Temperature	:	-108.89	Moon Effect



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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kmts.20260727.052041.fits

BLG

OBJECT

BLG14

17:36:55.450

-28:54:25.80

60

1.13

15:32:15

I

2026-07-27T17:45:41

-108.9

45 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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62.3

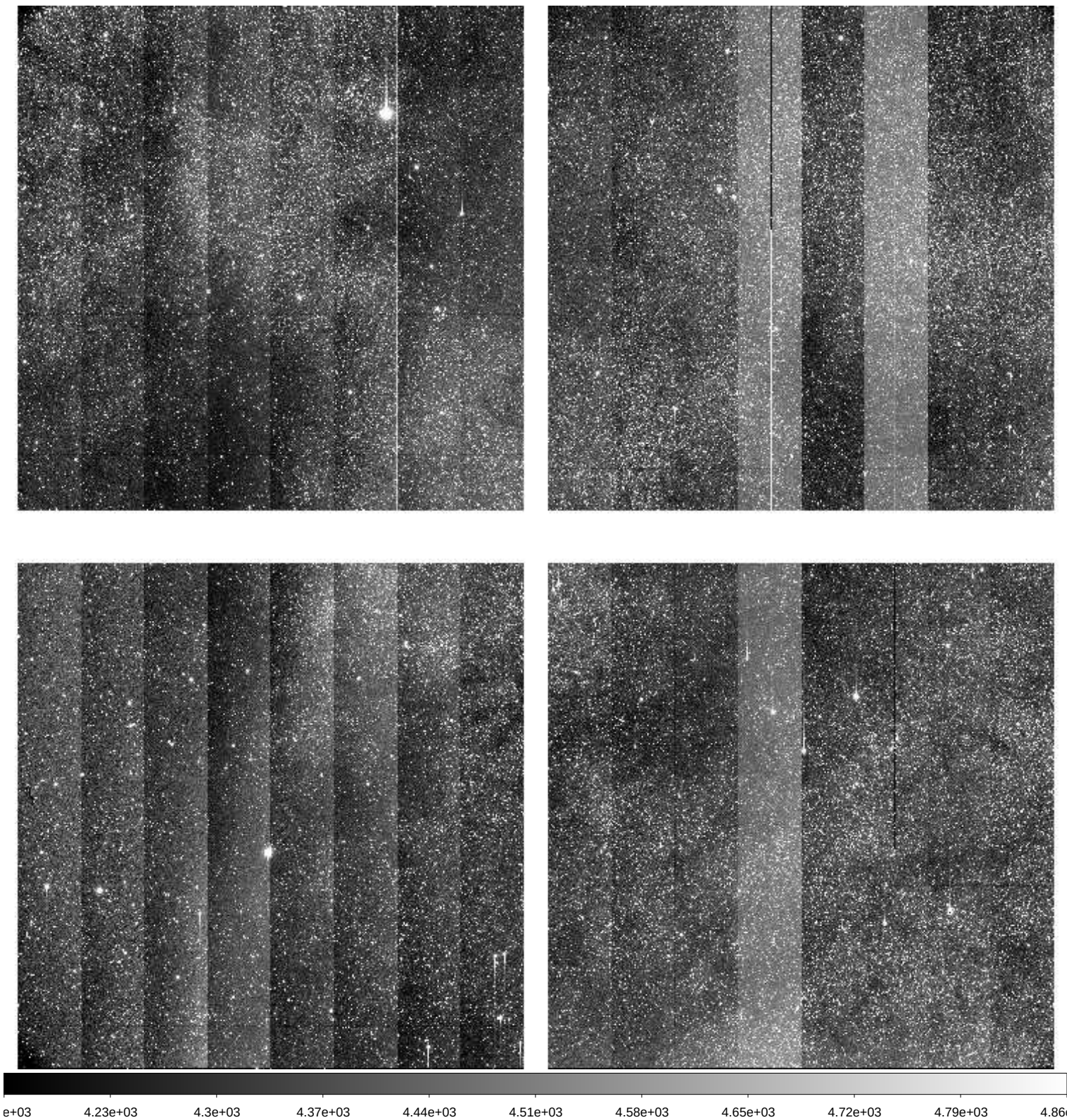
88.3

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8

0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052042.fits

: BLG

: OBJECT

: BLG02

: 17:54:29.100

: -29:01:54.90

: 60

: 1.17

: 15:34:23

: I

: 2026-07-27T17:47:50

: -108.91

46 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 59.1

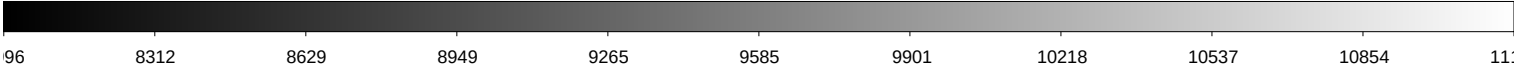
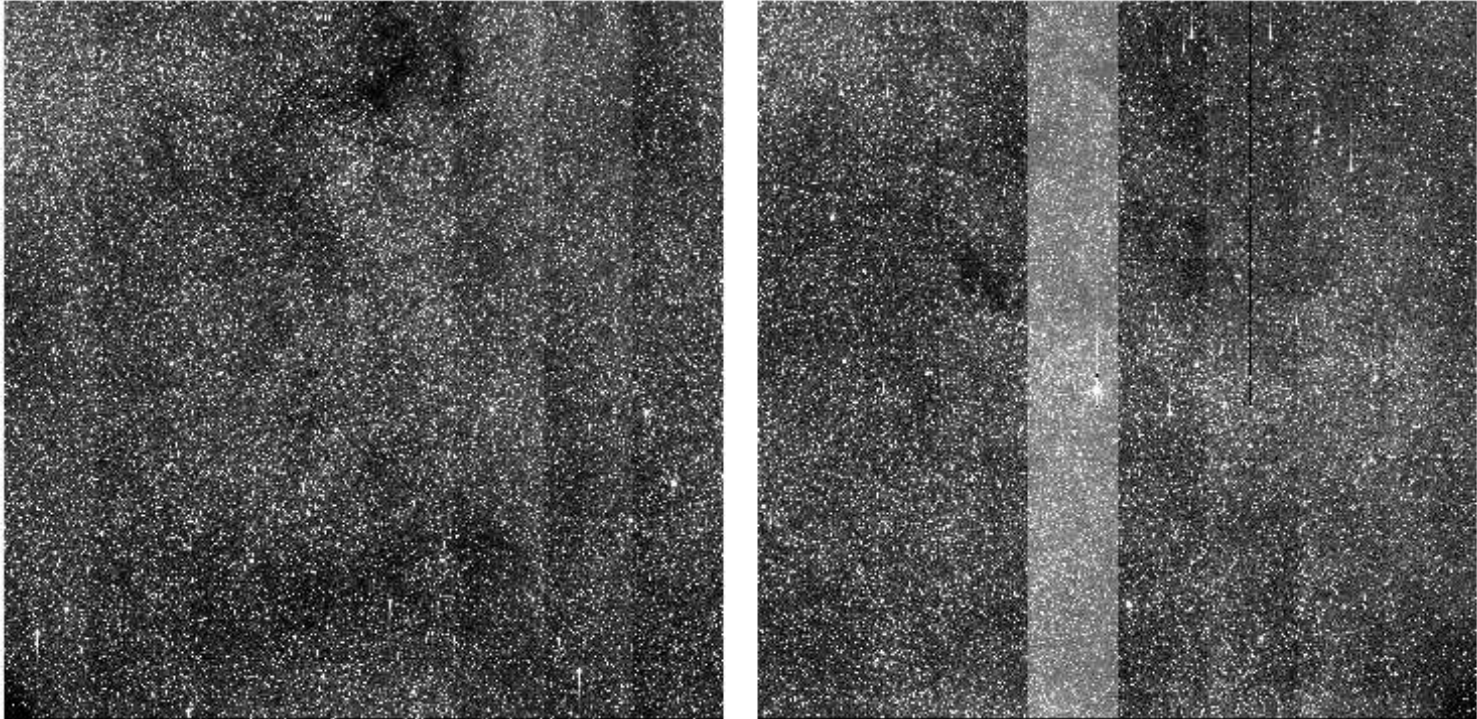
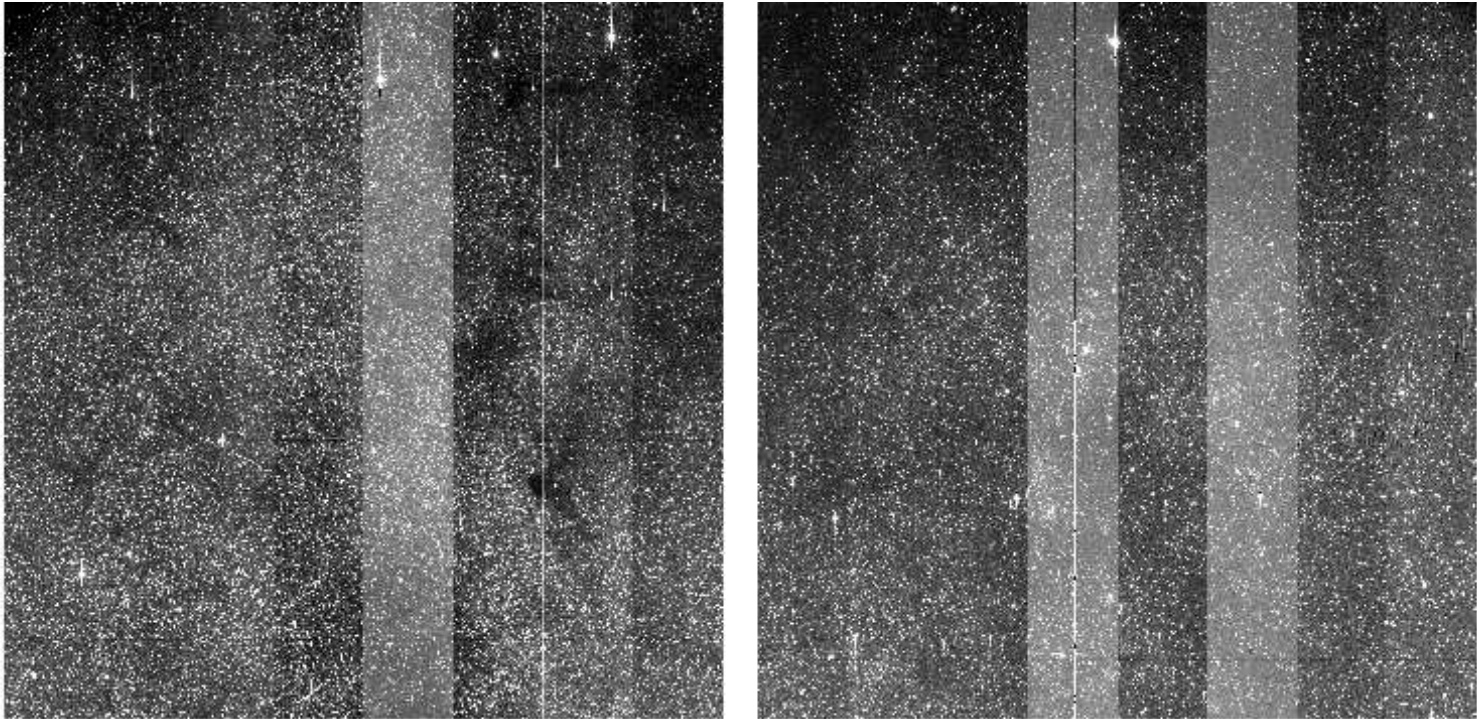
: 86.3

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: 8

: 0.4



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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kmts.20260727.052043.fits

BLG

OBJECT

BLG02

17:54:29.210

-29:01:55.10

90

1.16

15:36:33

V

2026-07-27T17:49:59

-108.92

47 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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59.5

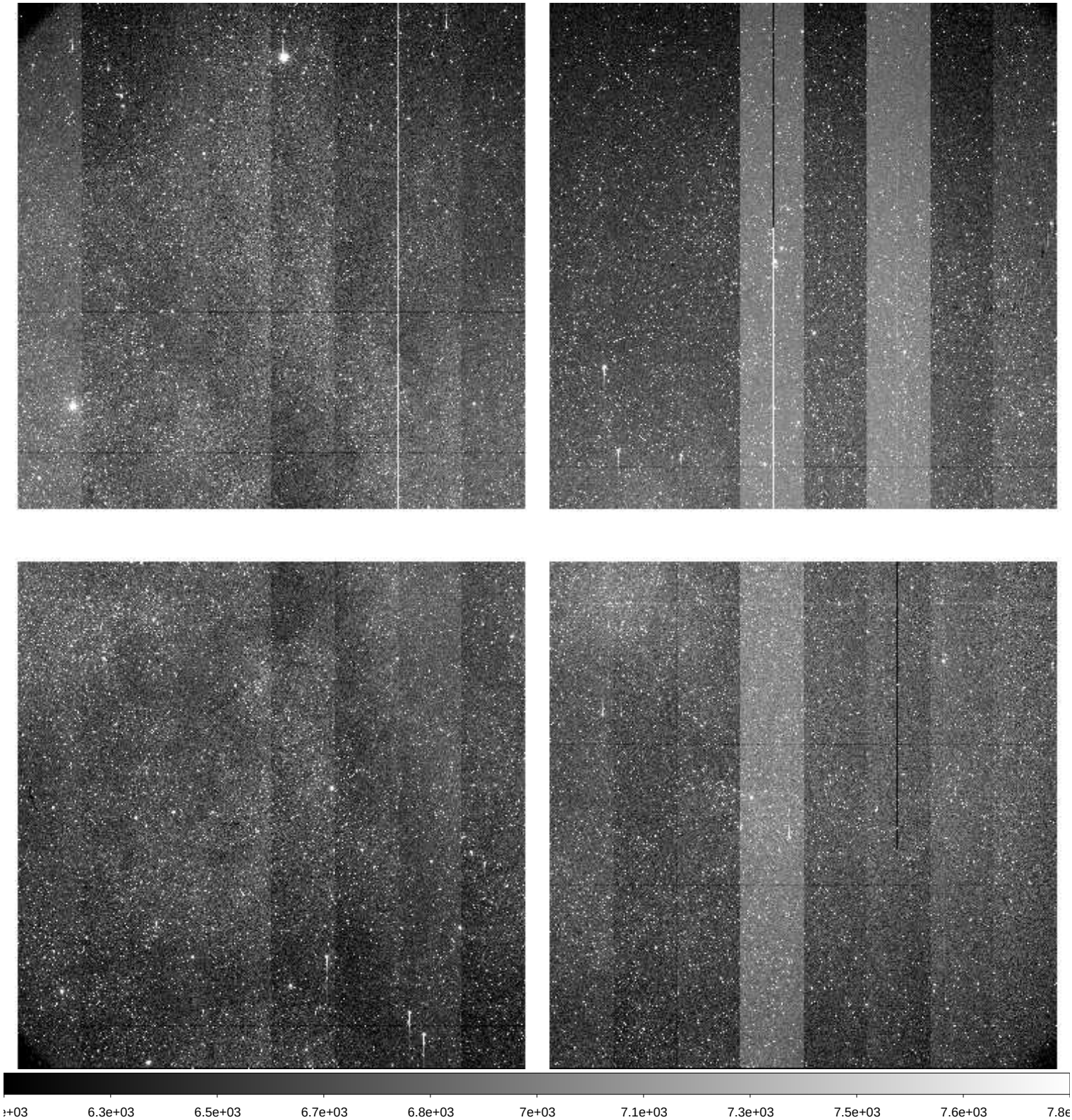
86.5

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8

0.4



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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kmts.20260727.052044.fits

BLG

OBJECT

BLG03

18:02:05.050

-27:56:54.60

90

1.18

15:39:12

V

2026-07-27T17:52:25

-108.92

48 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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58.2

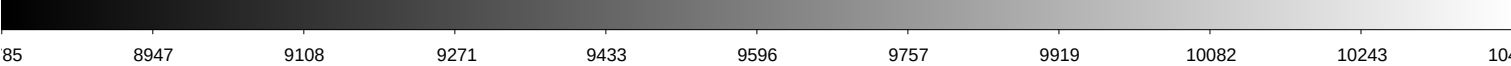
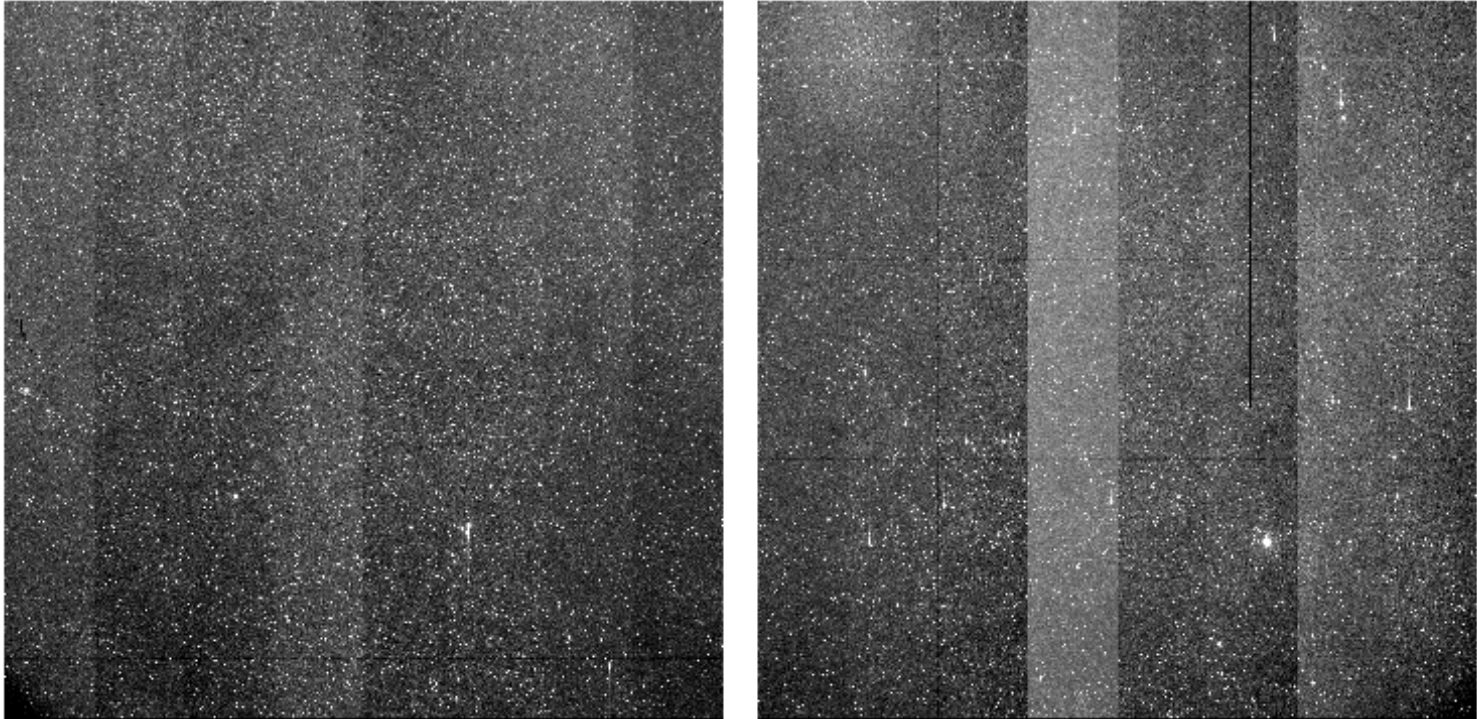
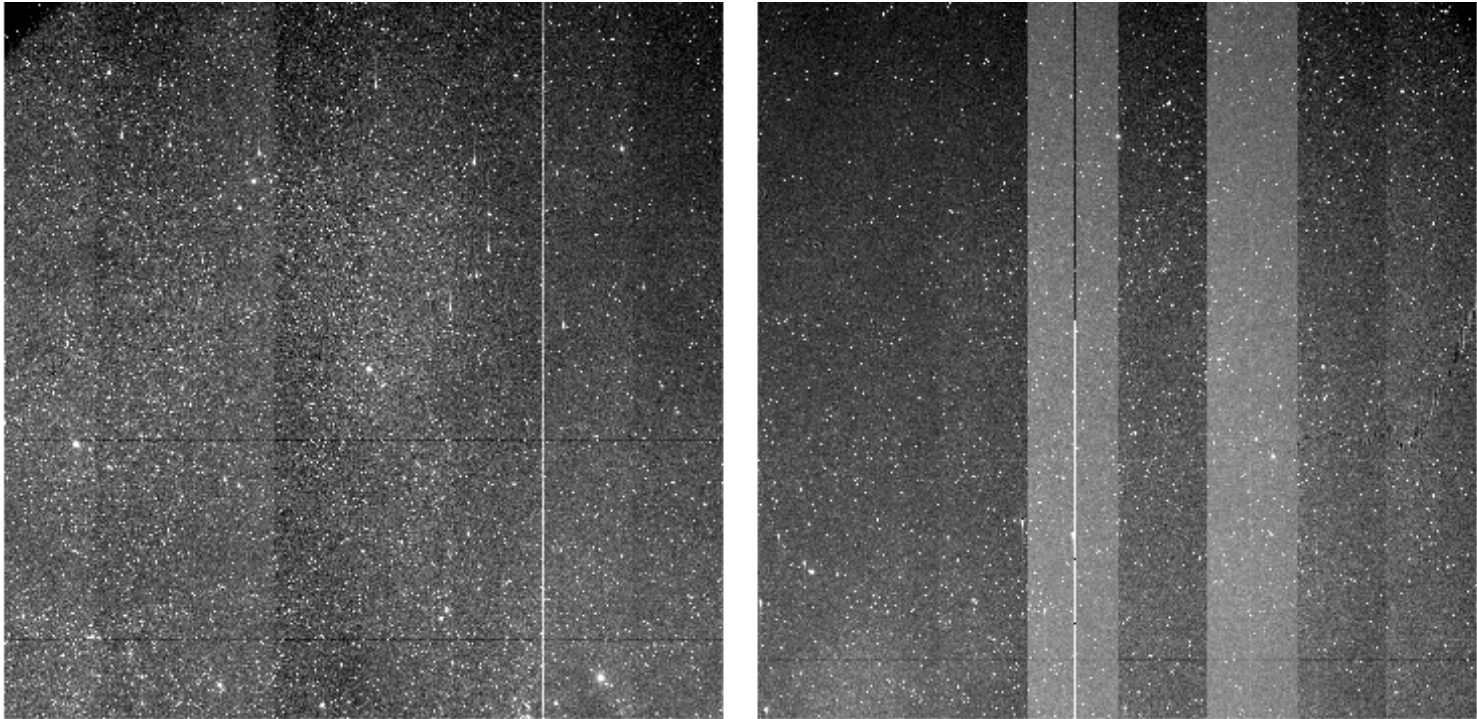
88.0

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8

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052045.fits

: BLG

: OBJECT

: BLG03

: 18:02:05.010

: -27:56:54.90

: 60

: 1.17

: 15:41:38

: I

: 2026-07-27T17:55:03

: -108.94

49 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 58.7

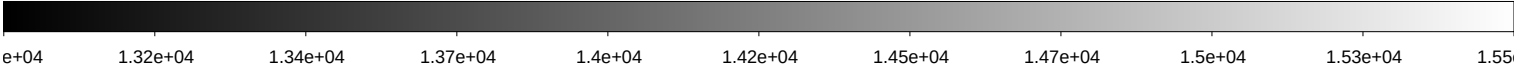
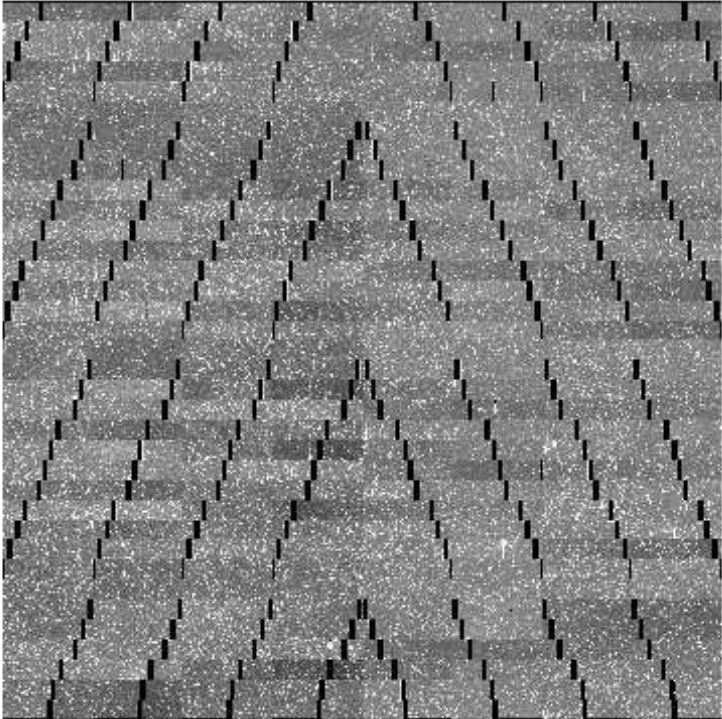
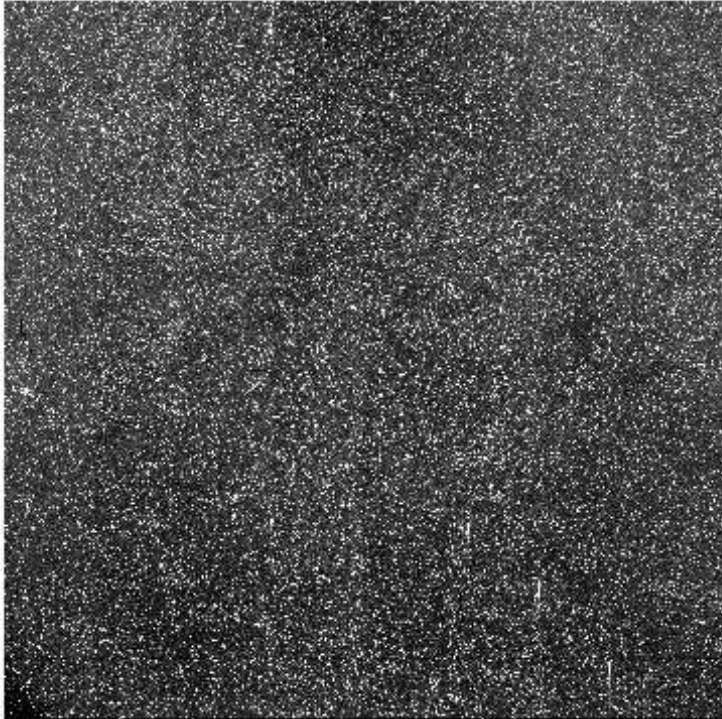
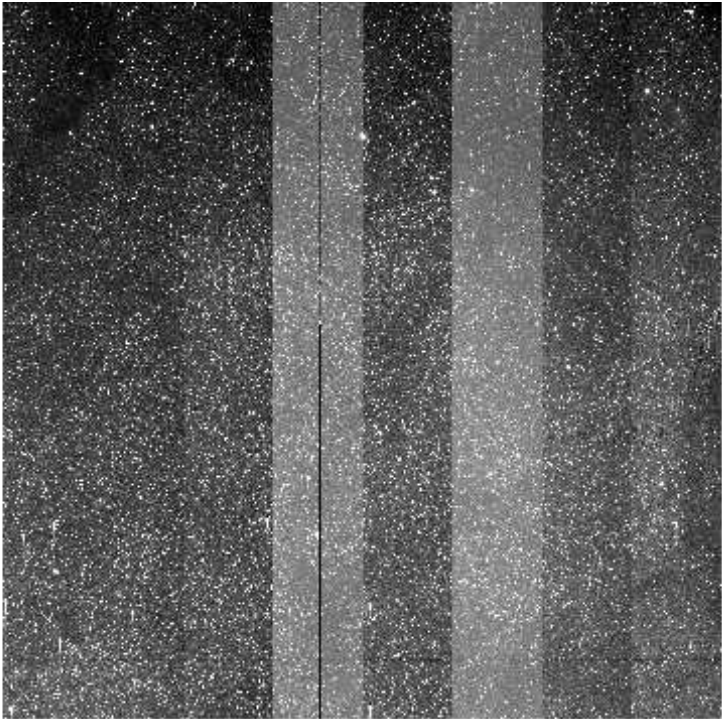
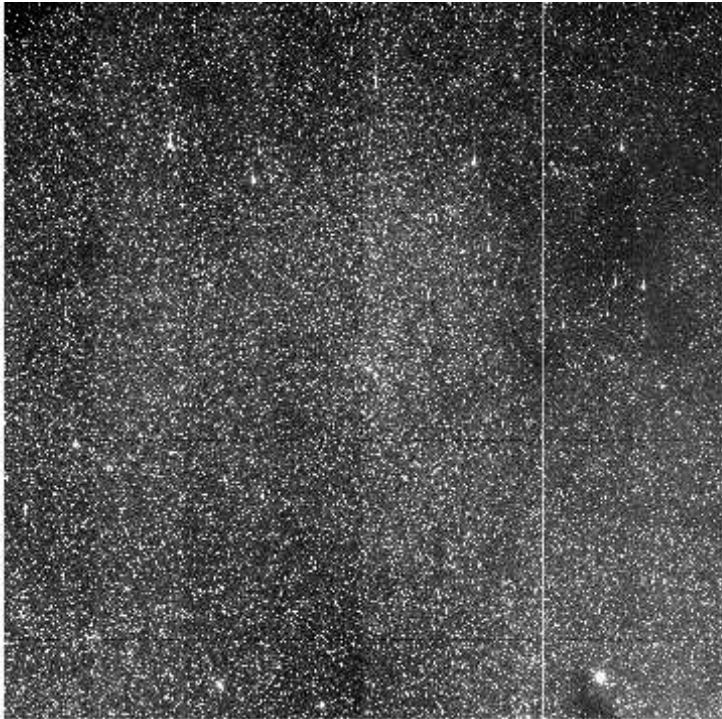
: 88.3

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: 8

: 0.5



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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kmts.20260727.052046.fits

BLG

OBJECT

BLG01

17:54:29.700

-31:08:25.30

60

1.14

15:43:48

I

2026-07-27T17:57:00

-108.99

50 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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61.5

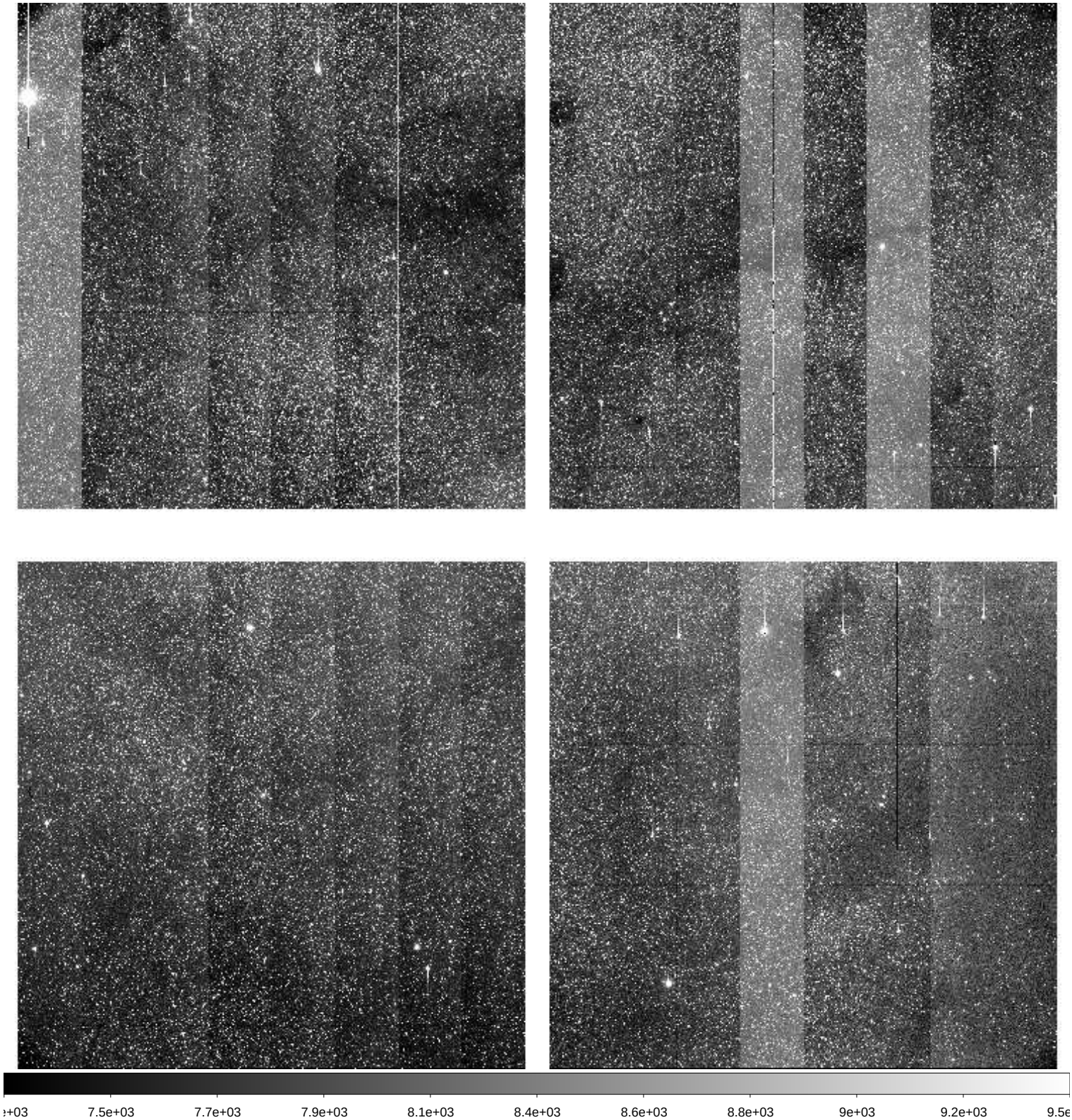
83.1

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8

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052047.fits

: BLG

: OBJECT

: BLG01

: 17:54:29.770

: -31:08:25.50

: 90

: 1.13

: 15:45:45

: V

: 2026-07-27T17:59:10

: -108.96

51 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 61.9

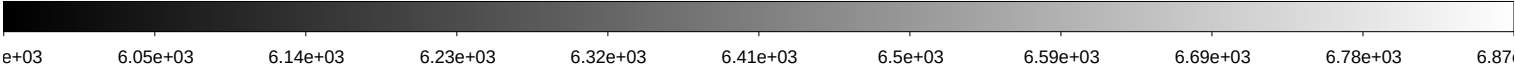
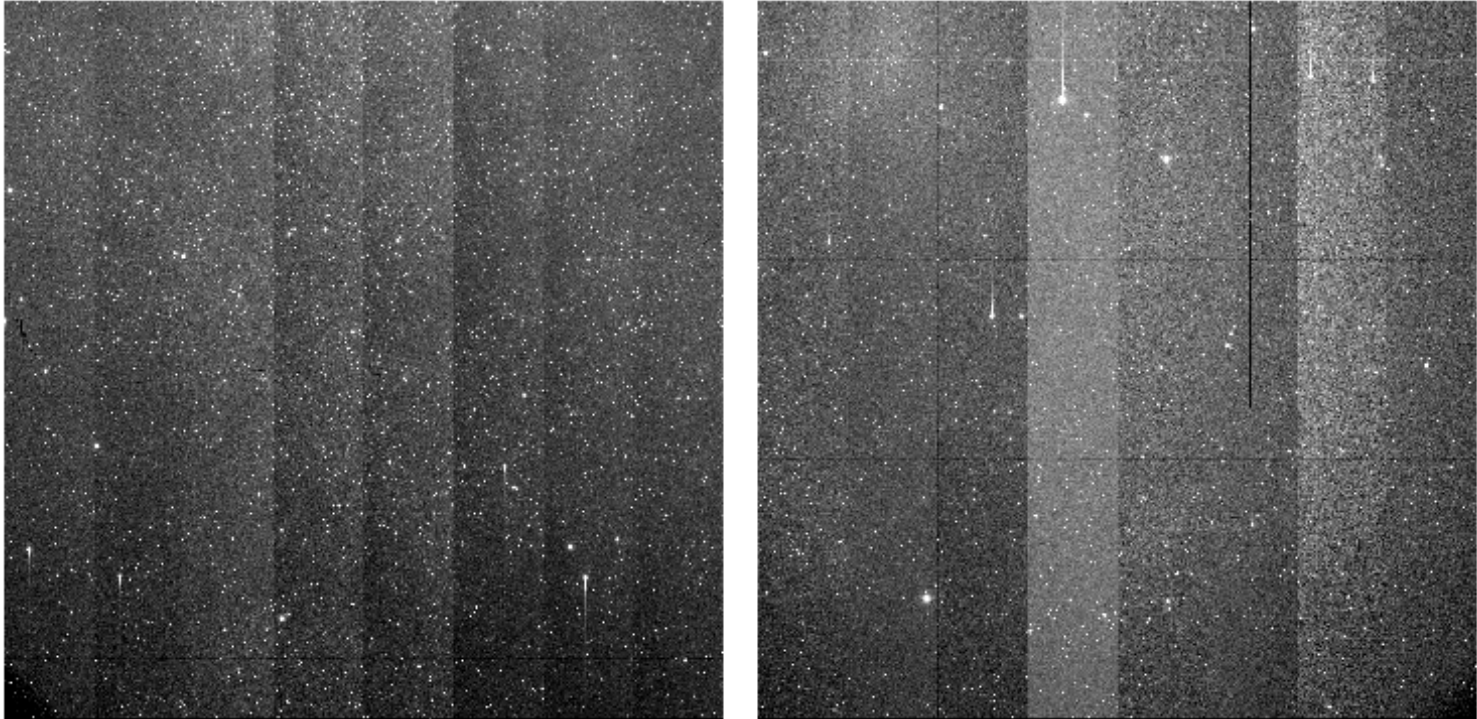
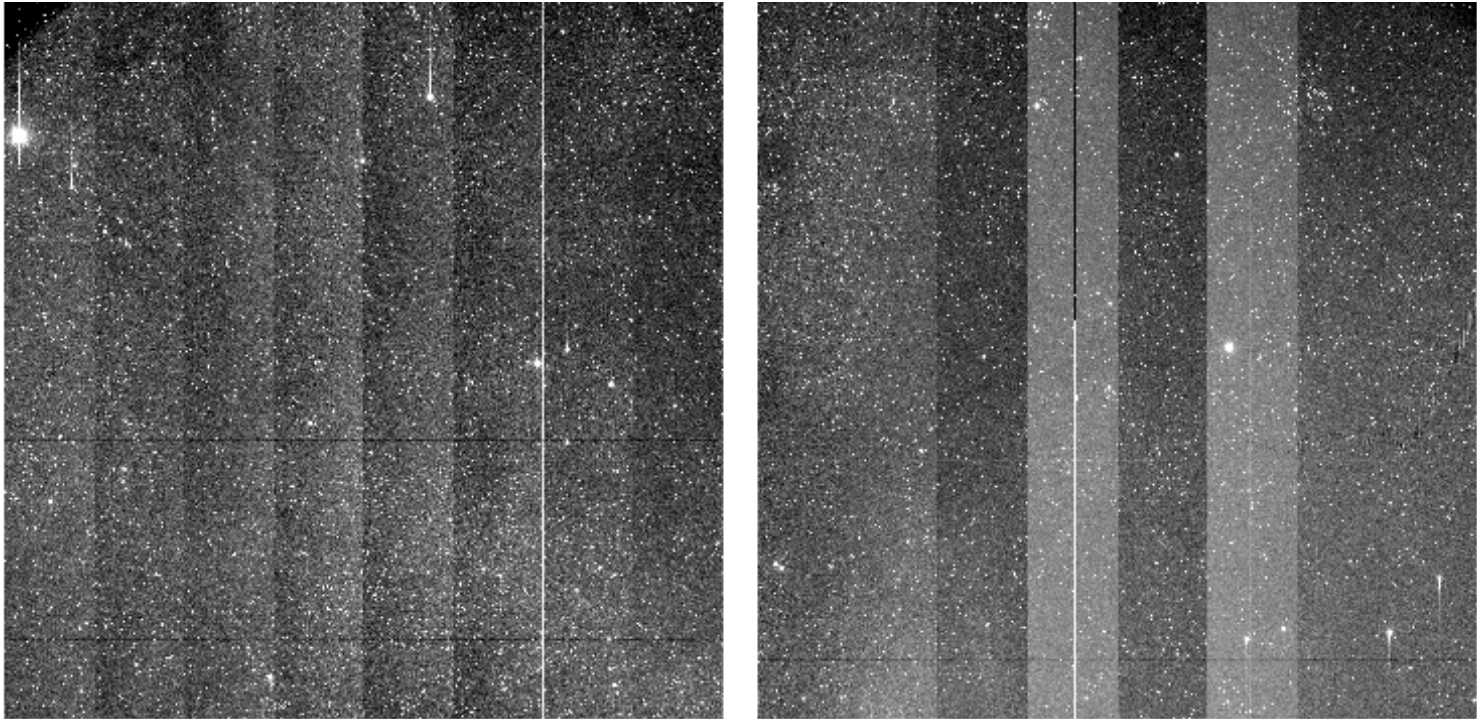
: 83.2

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: 8

: 0.4



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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kmts.20260727.052048.fits

BLG

OBJECT

BLG19

17:46:04.860

-24:40:26.40

90

1.13

15:48:28

V

2026-07-27T18:01:52

-108.97

52 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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62.5

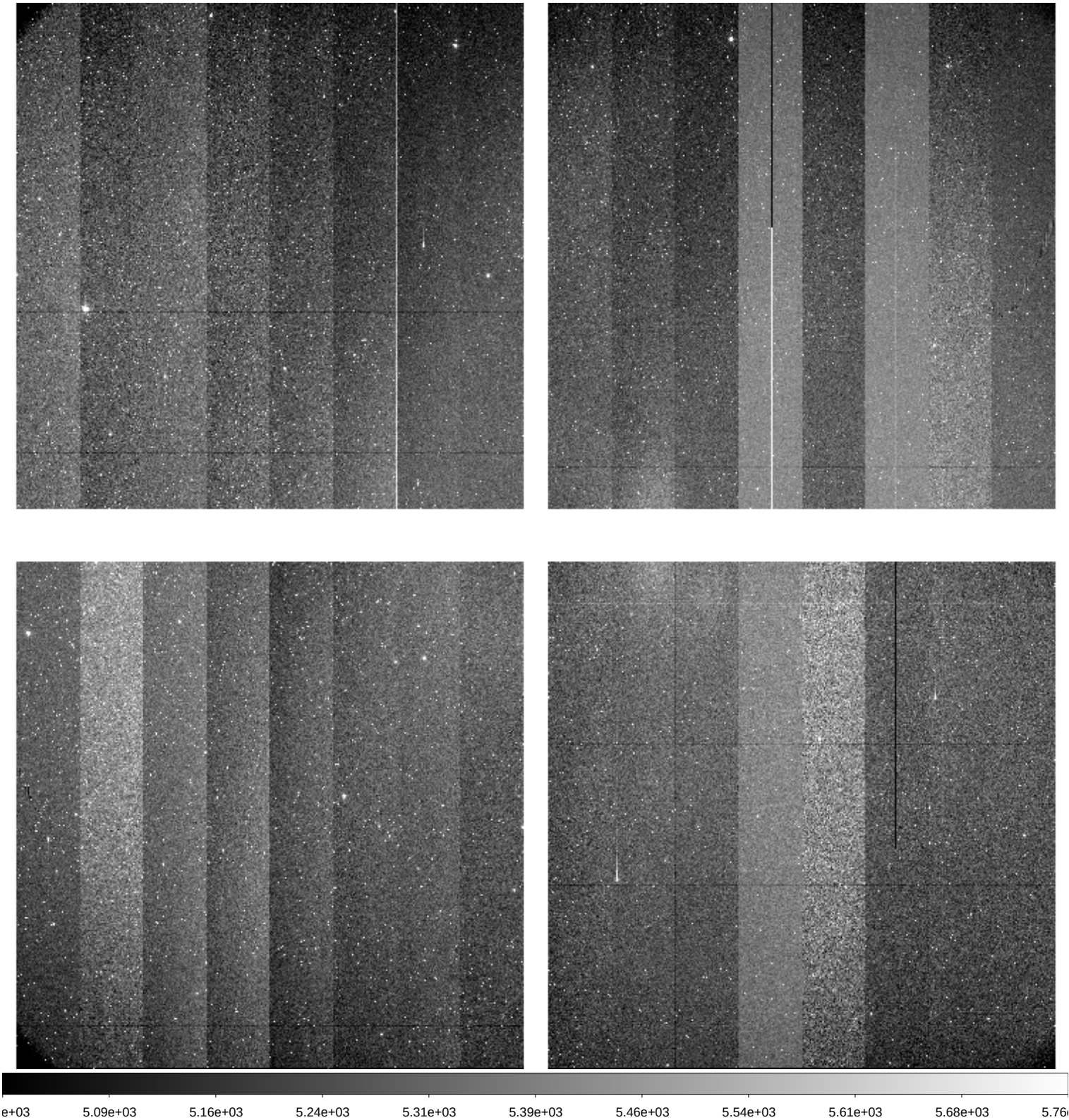
98.1

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8

0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052049.fits

: BLG

: OBJECT

: BLG19

: 17:46:04.850

: -24:40:26.90

: 60

: 1.12

: 15:51:09

: I

: 2026-07-27T18:04:20

: -108.98

53 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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63.0

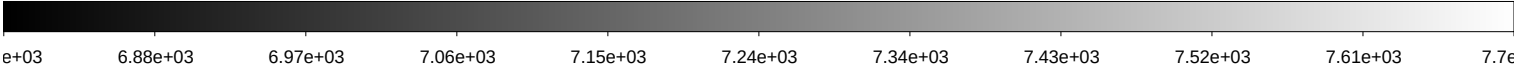
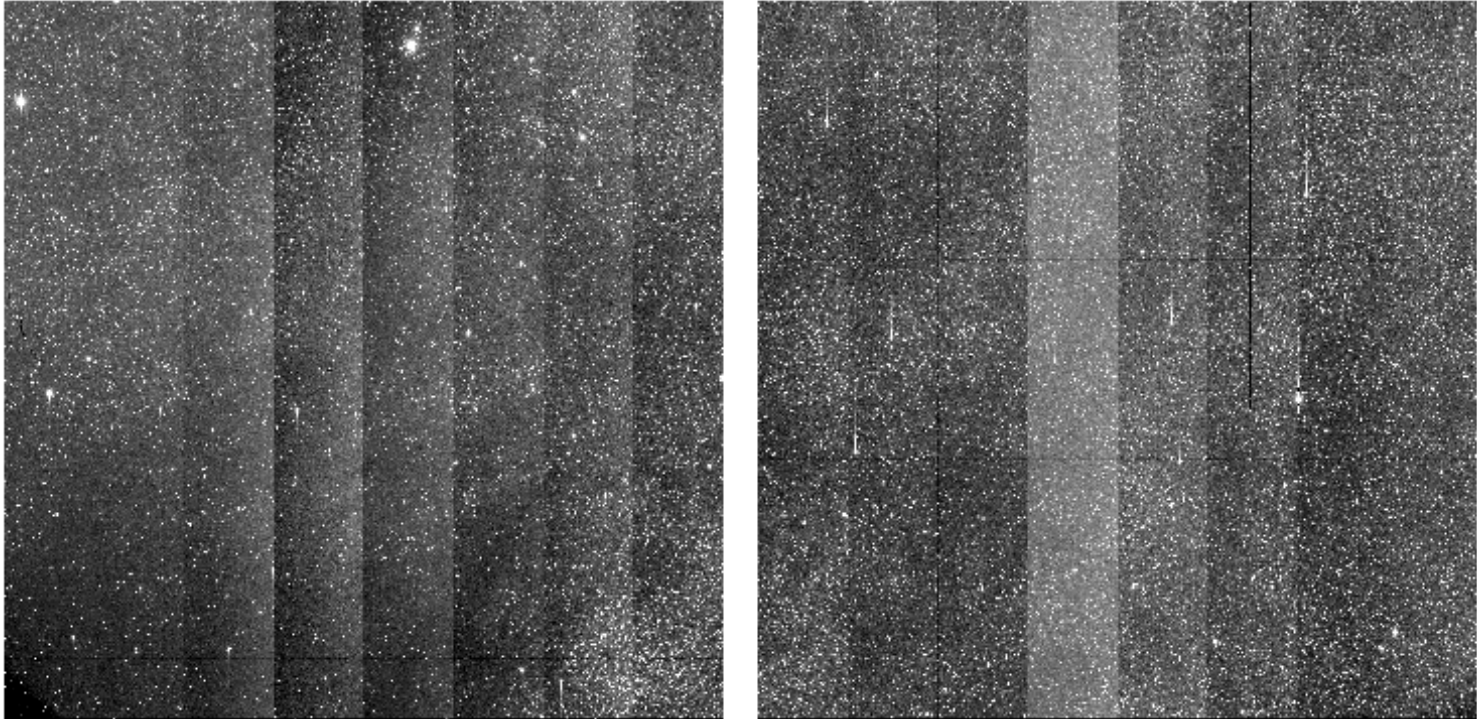
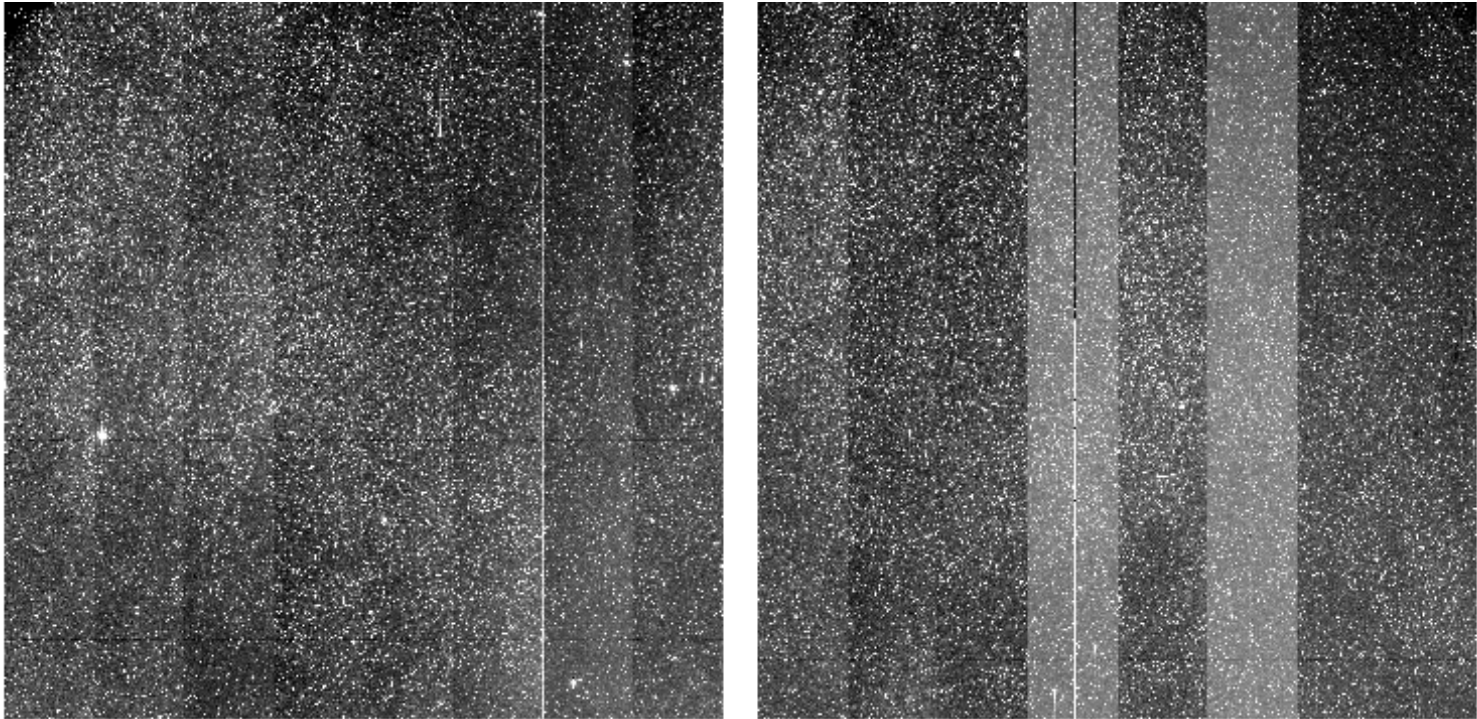
98.6

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8

0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052050.fits

: BLG

: OBJECT

: BLG42

: 17:54:12.260

: -29:09:26.10

: 60

: 1.12

: 15:53:06

: I

: 2026-07-27T18:06:30

: -108.69

54 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 63.1

: 88.2

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: 0.4

Two side-by-side astronomical images. The left image shows a dark field with numerous stars and some vertical streaks. The right image shows a similar field but with prominent vertical streaks and a bright star near the center.

Two side-by-side astronomical images. The left image shows a dark field with numerous stars and some vertical streaks. The right image shows a similar field but with prominent vertical streaks and a bright star near the center.

A horizontal color bar with numerical labels ranging from 93 to 115. The bar is divided into segments of varying shades of gray, with the darkest on the left and the lightest on the right. The labels are: 93, 8802, 9112, 9424, 9733, 10046, 10355, 10664, 10977, 11286, 115.

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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kmts.20260727.052051.fits

BLG

OBJECT

BLG43

18:01:48.520

-28:04:25.70

60

1.14

15:55:17

I

2026-07-27T18:08:40

-108.99

55 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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61.7

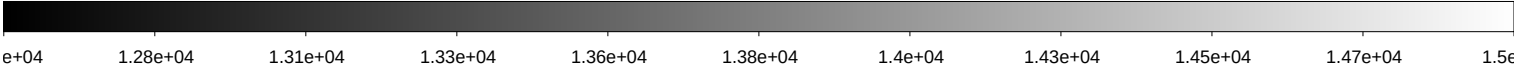
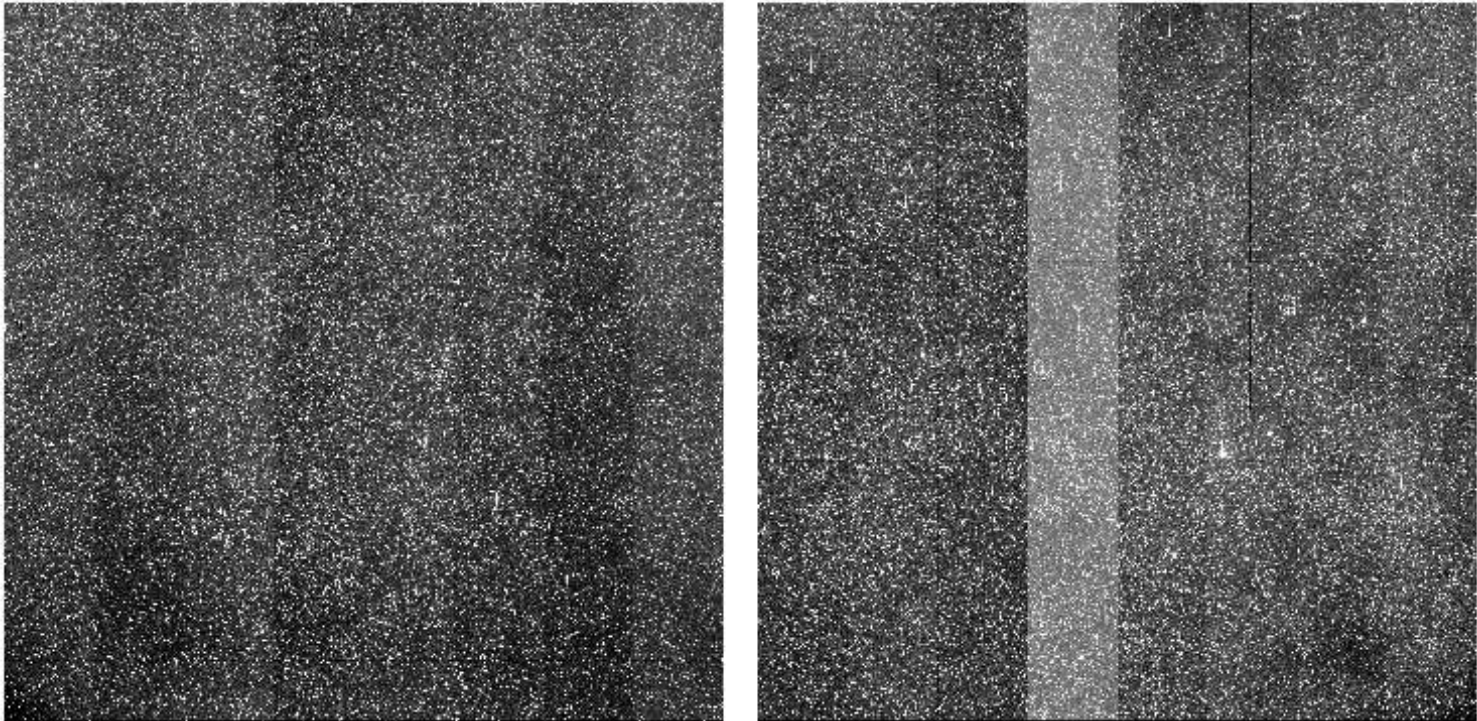
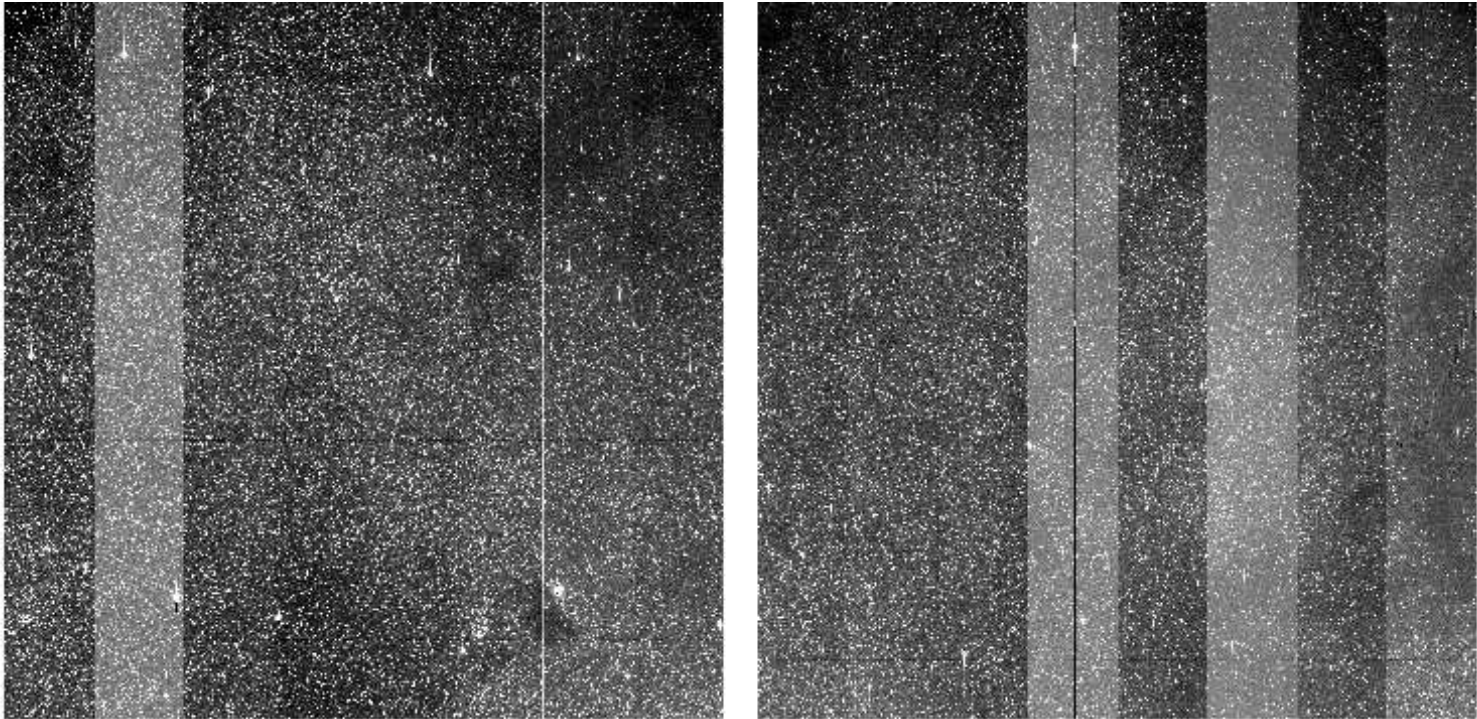
89.8

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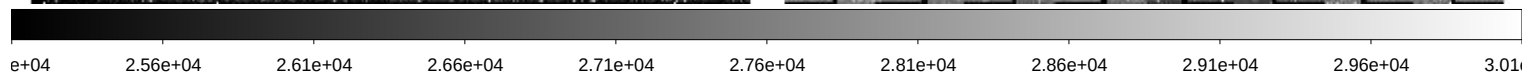
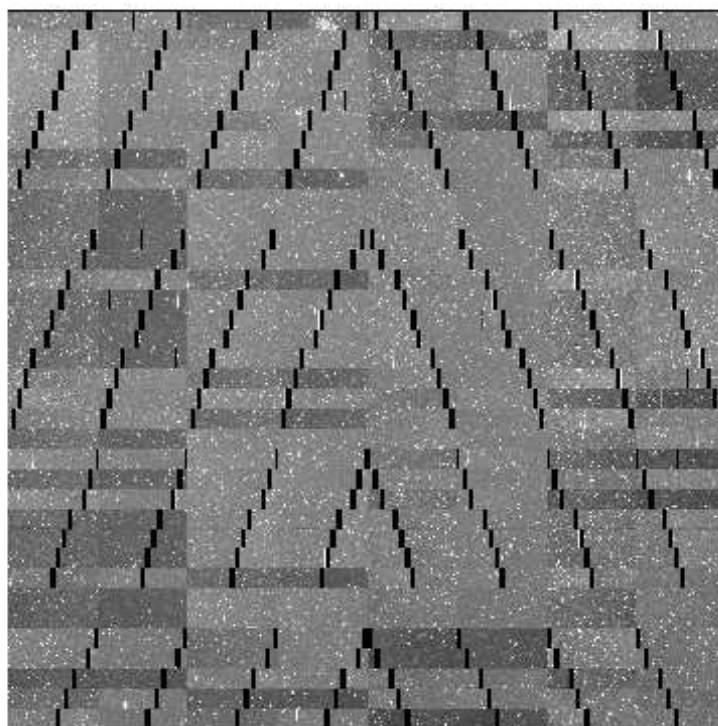
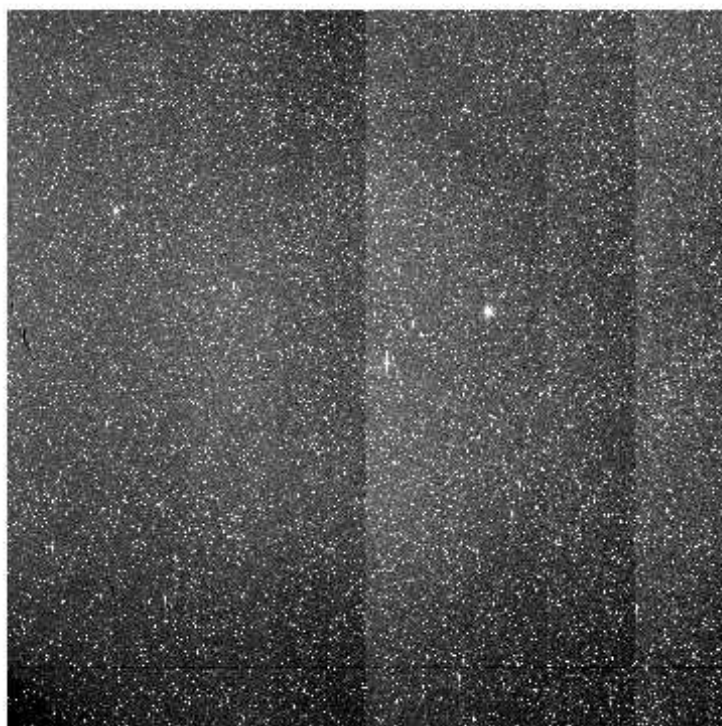
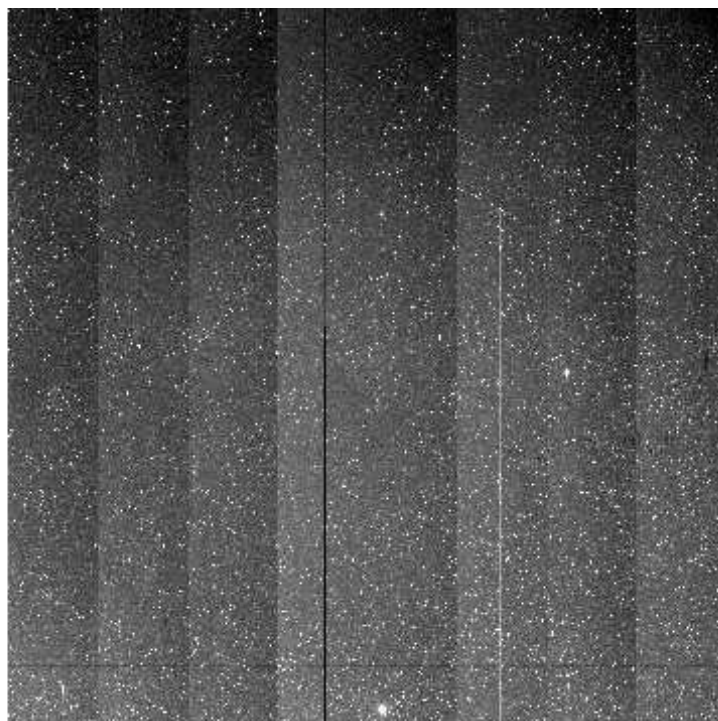
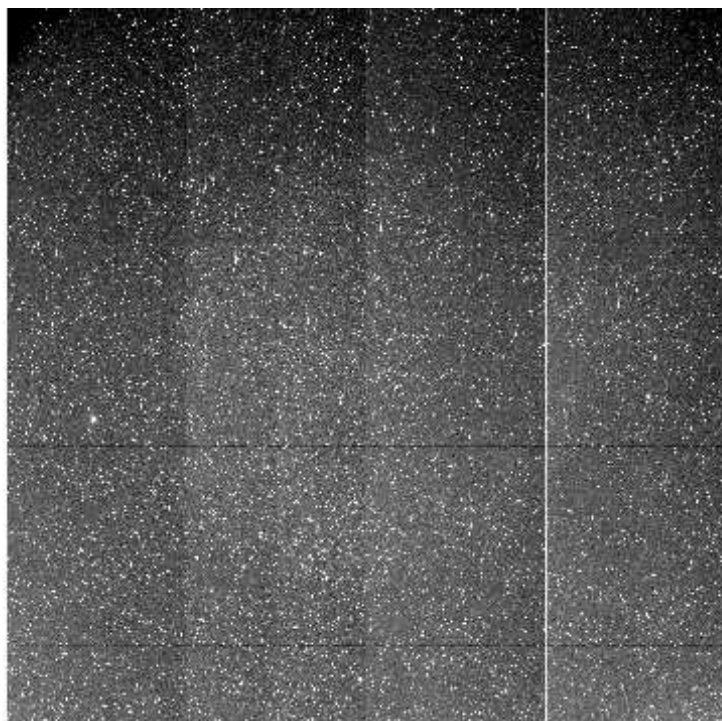
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8

0.5



File Name	:	kmnts.20260727.052052.fits	# 56 / 73 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG31	
RA	:	18:13:37.150	
DEC	:	-25:50:25.10	
Exposure Time	:	60	ALT
Airmass	:	1.17	AZ
Sidereal Time	:	15:57:26	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-27T18:10:49	Weather
CCD Temperature	:	-109.02	Moon Effect



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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kmts.20260727.052053.fits

BLG

OBJECT

BLG32

18:11:20.460

-27:56:55.40

60

1.15

15:59:36

I

2026-07-27T18:12:59

-109

57 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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60.6

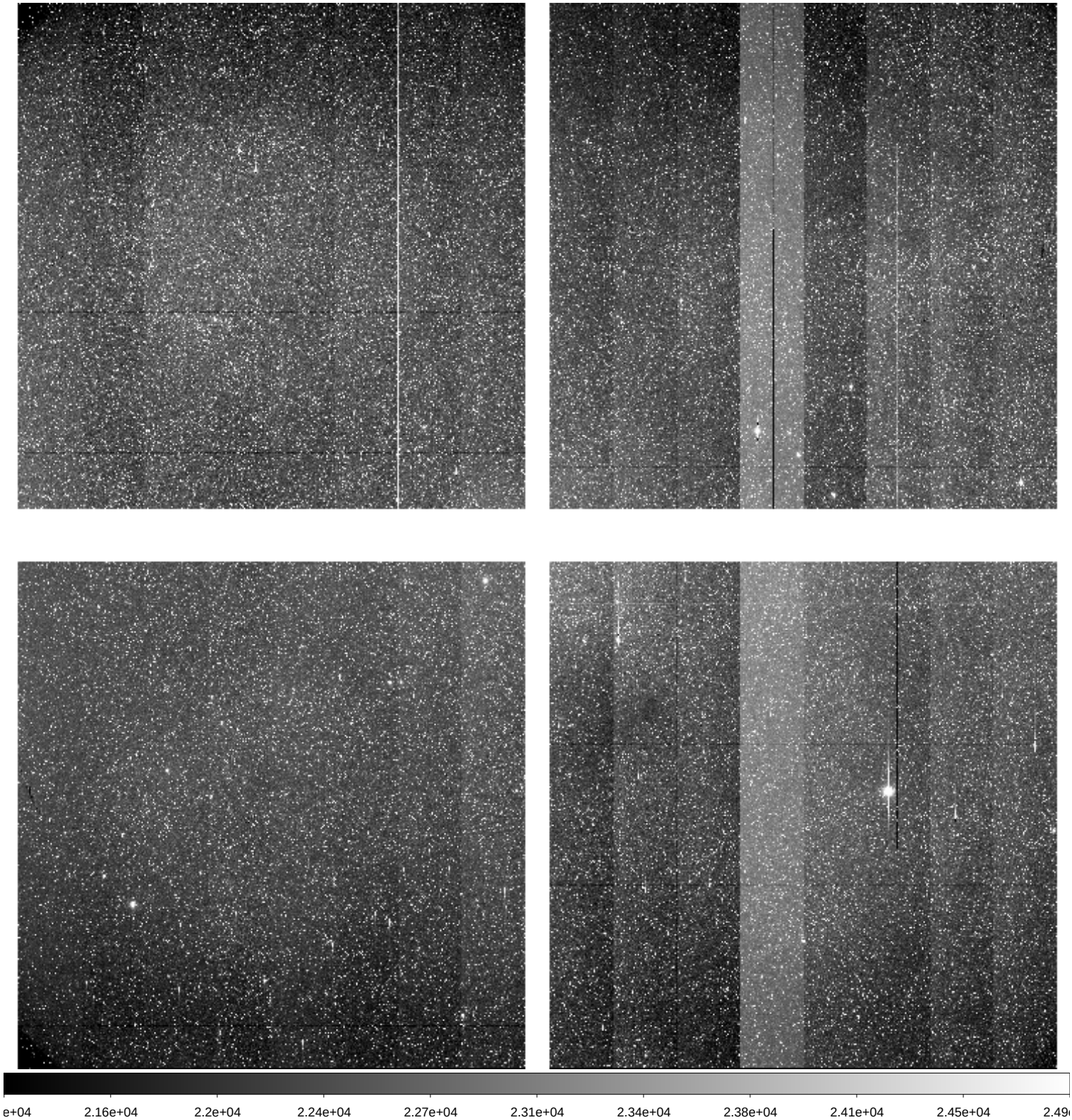
89.4

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8

0.7



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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kmts.20260727.052054.fits

BLG

OBJECT

BLG02

17:54:29.100

-29:01:57.90

60

1.10

16:01:46

I

2026-07-27T18:15:08

-109.01

58 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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64.9

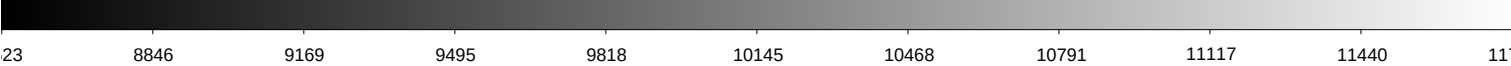
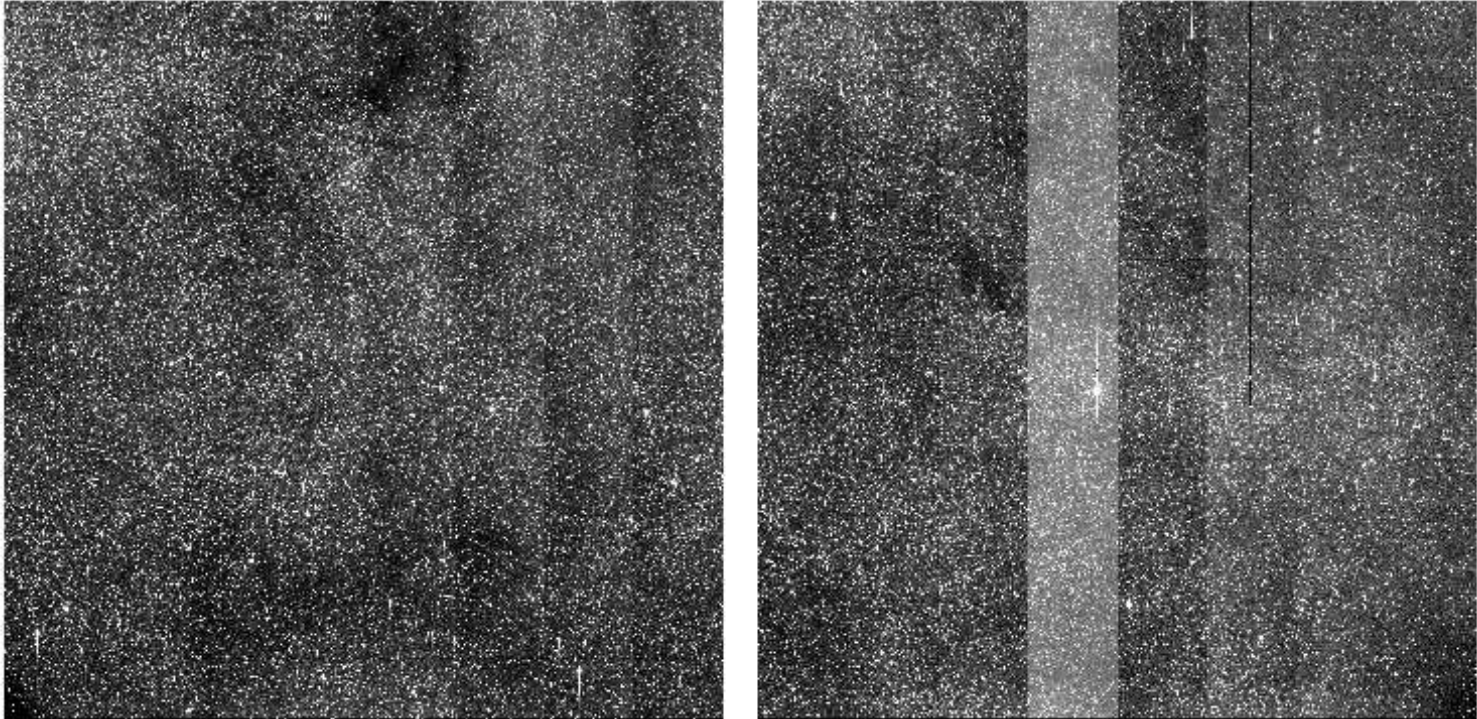
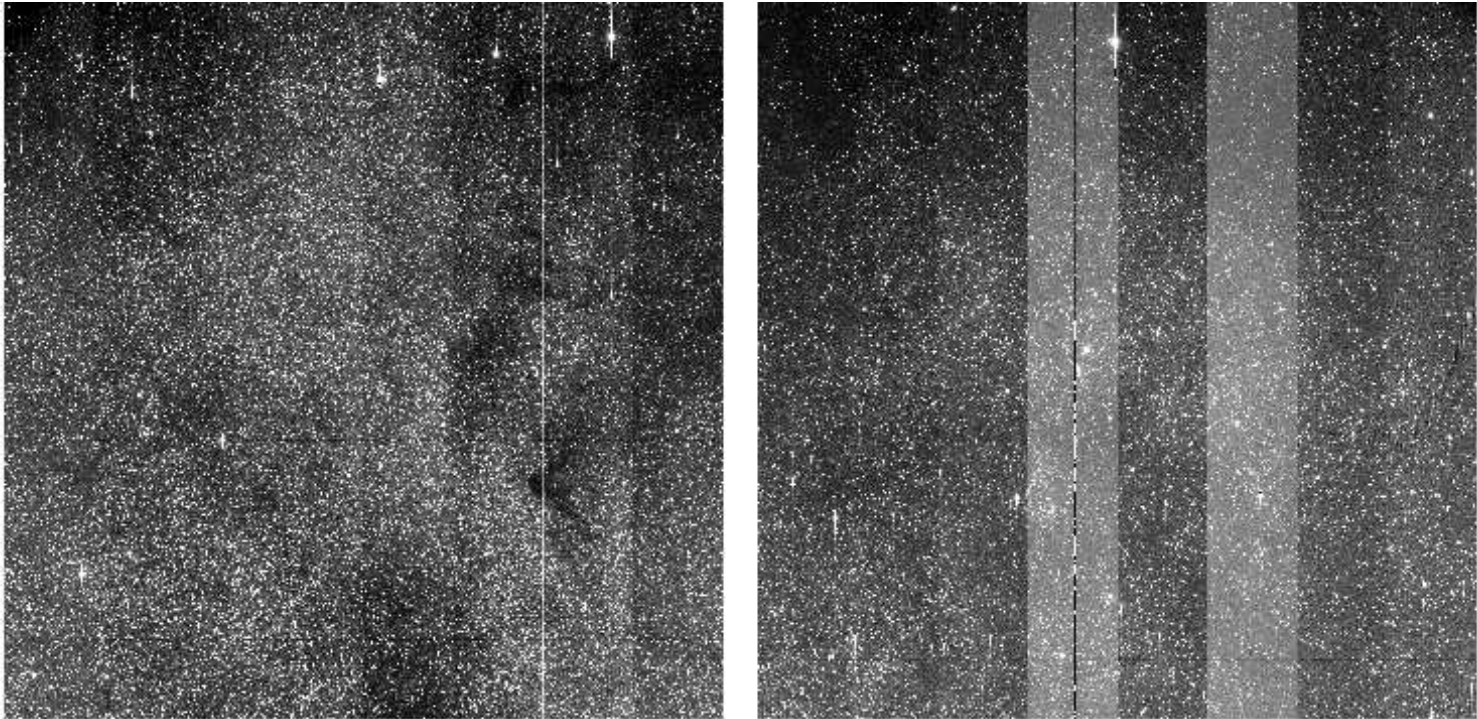
89.5

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8

0.4



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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kmts.20260727.052055.fits

BLG

OBJECT

BLG03

18:02:05.040

-27:56:56.40

60

1.12

16:03:57

I

2026-07-27T18:17:18

-109.01

59 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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63.4

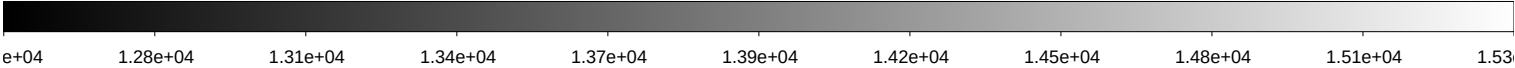
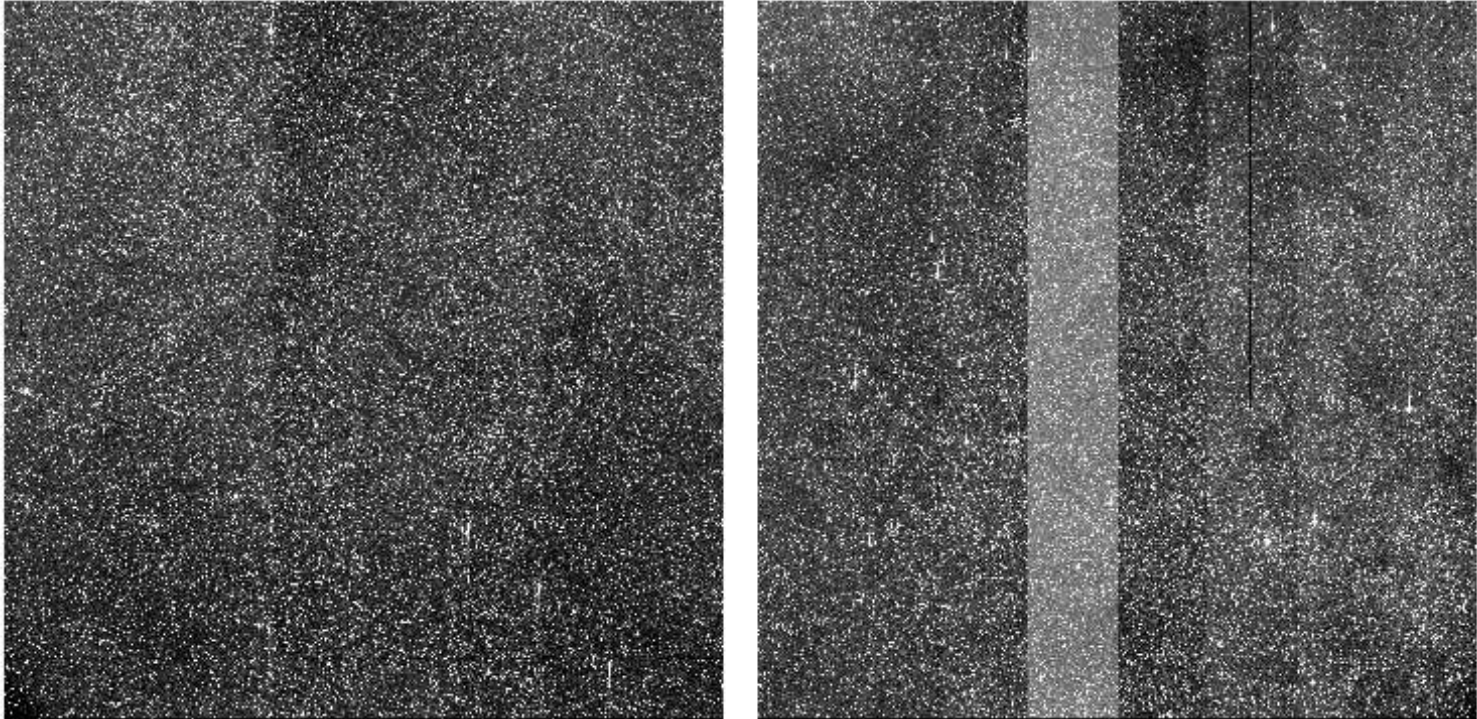
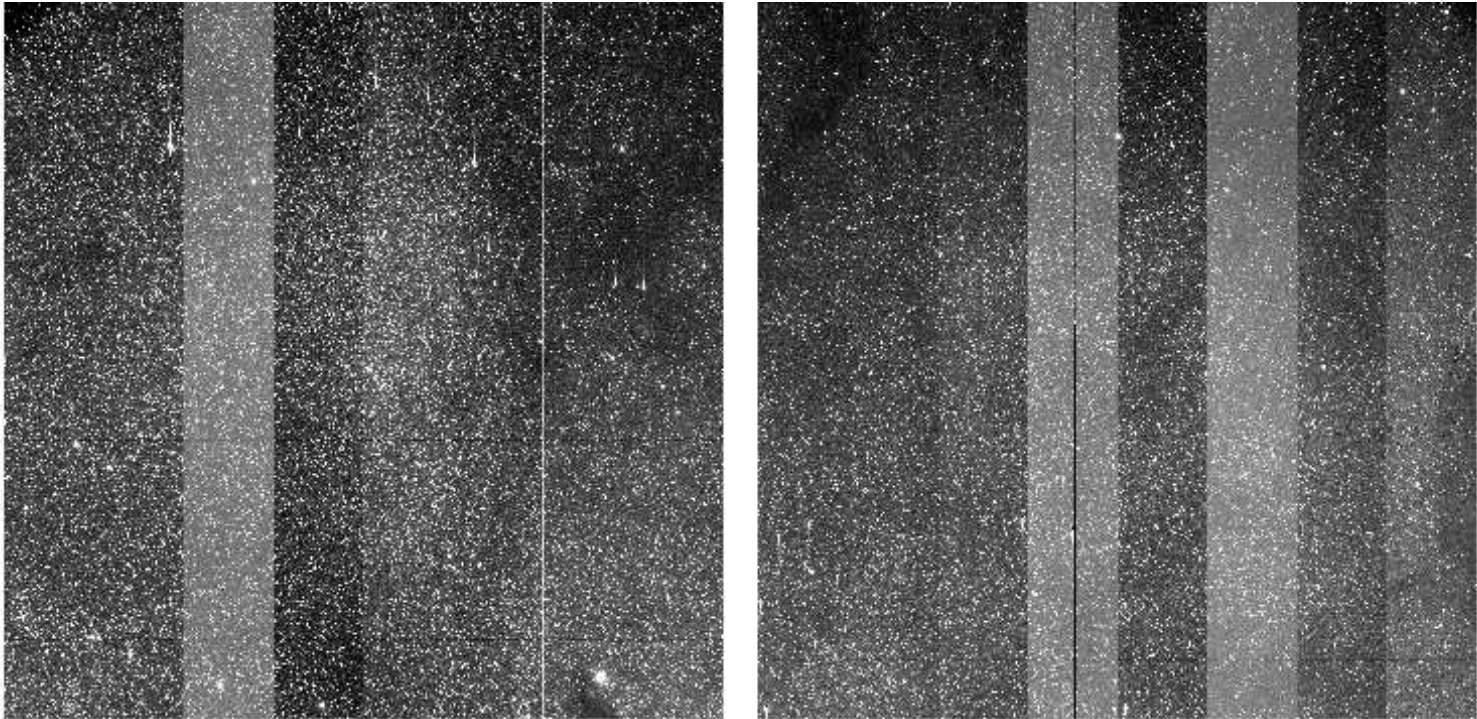
91.2

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8

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052056.fits

: BLG

: OBJECT

: BLG41

: 17:54:12.300

: -31:15:59.70

: 60

: 1.09

: 16:06:10

: I

: 2026-07-27T18:19:18

: -109.02

60 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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66.3

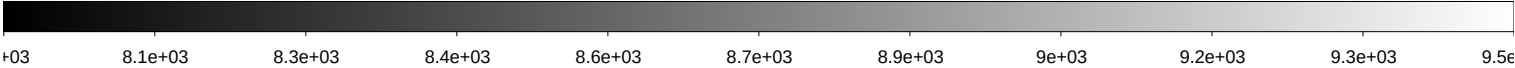
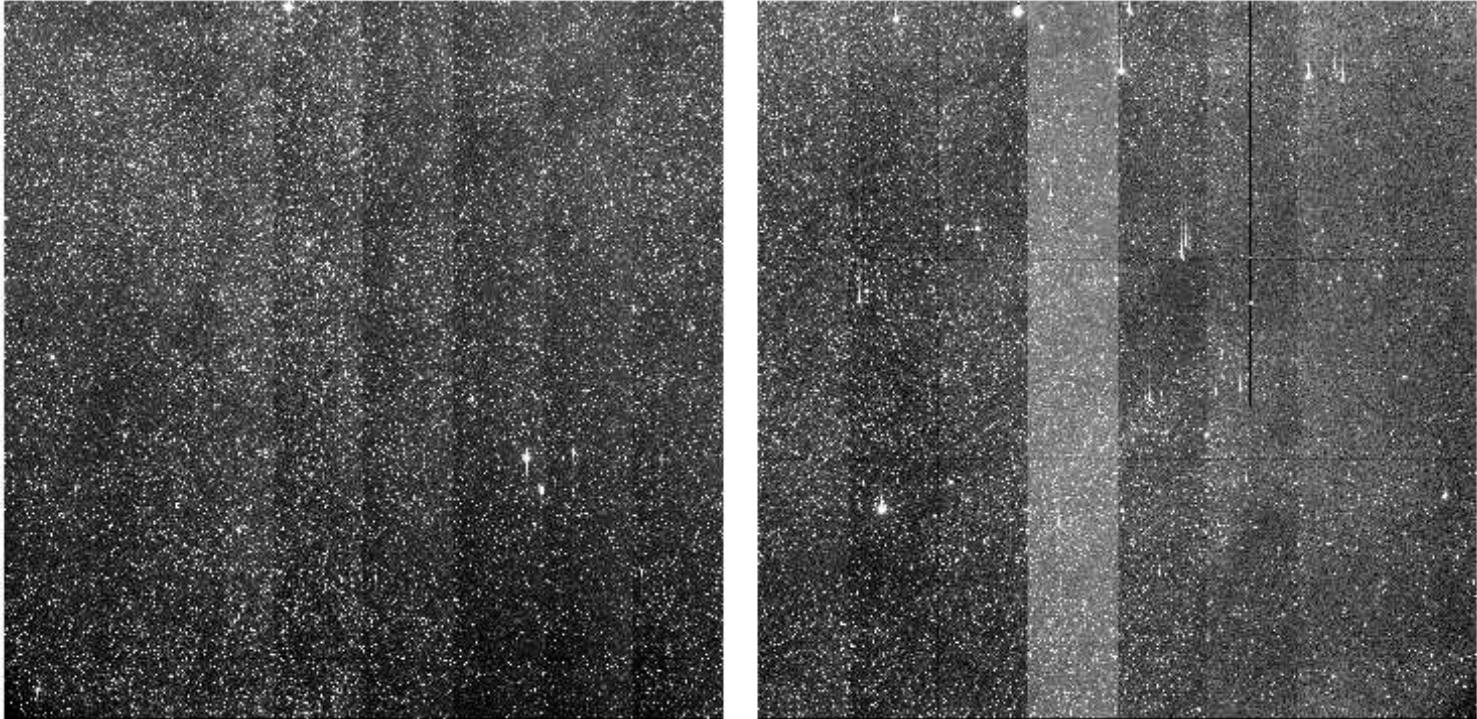
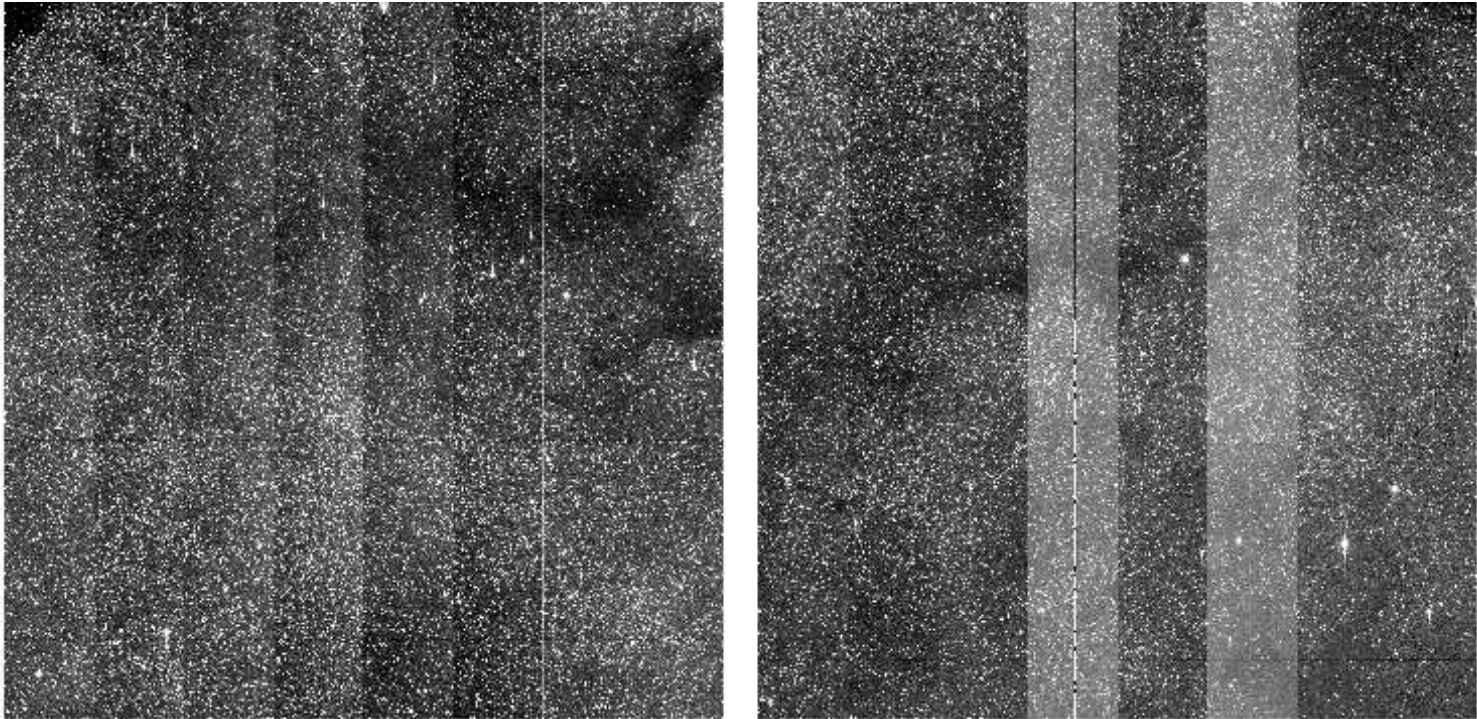
84.8

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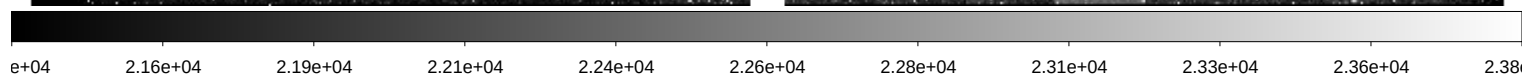
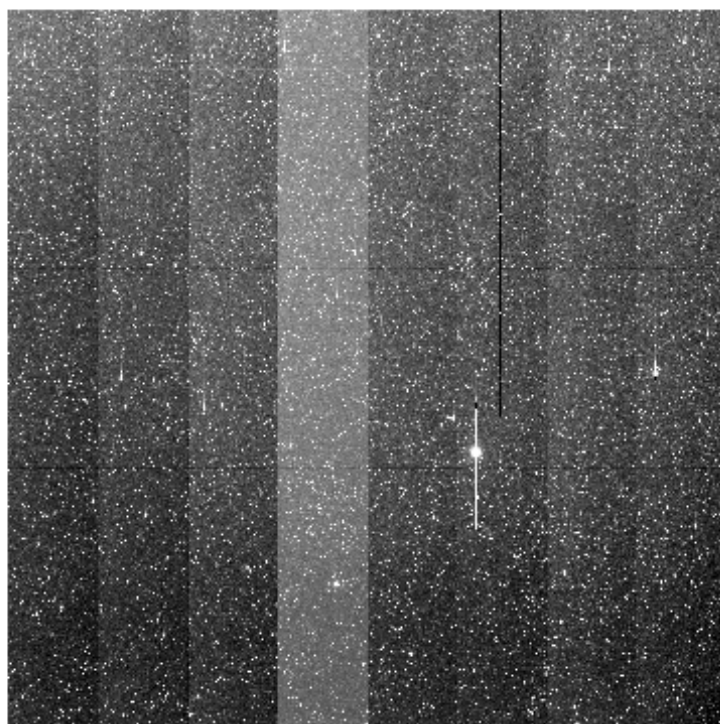
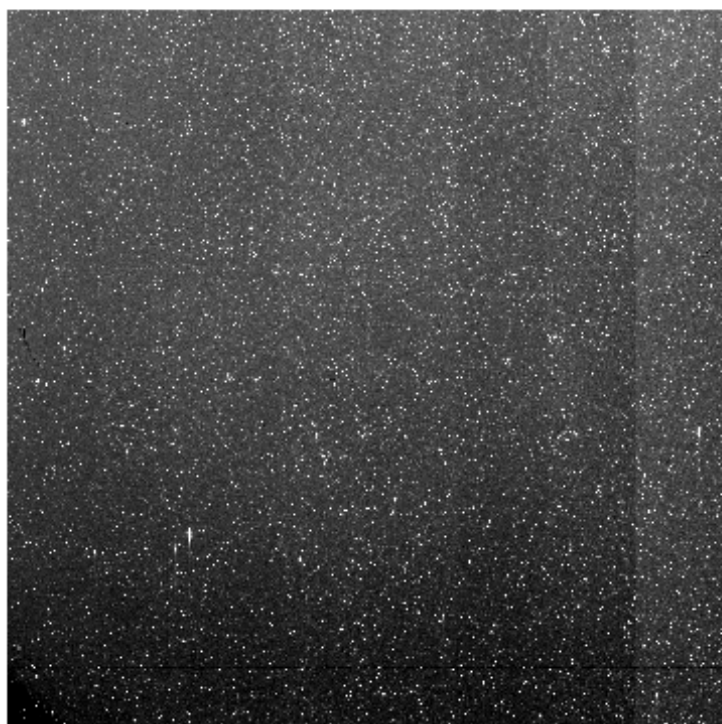
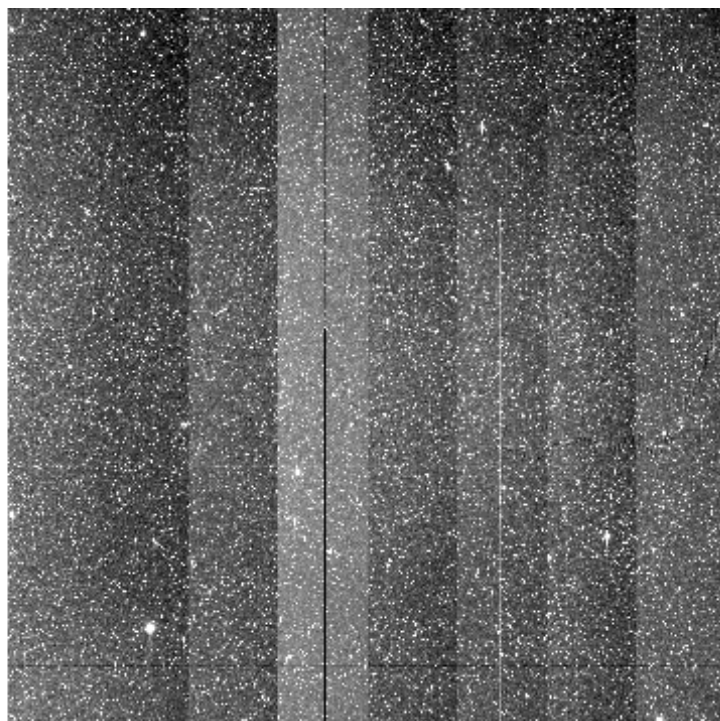
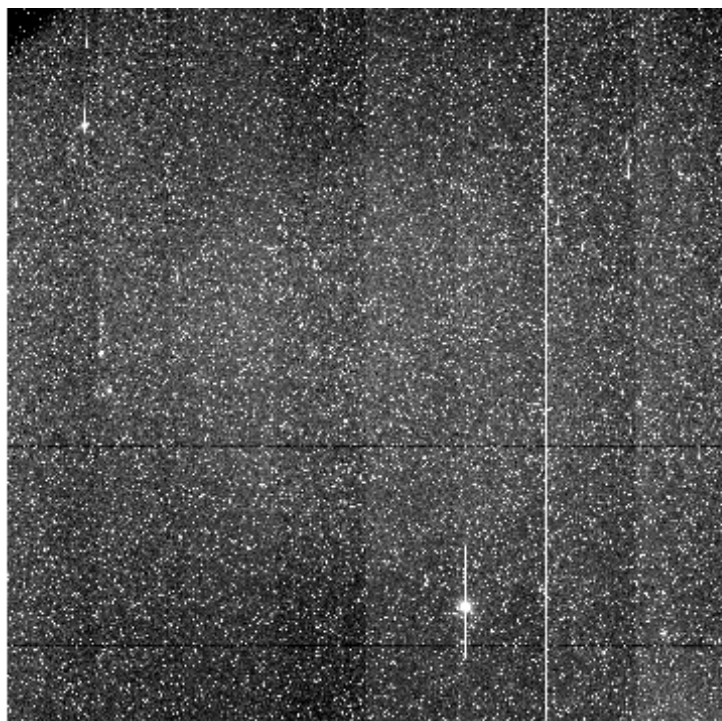
8

0.4

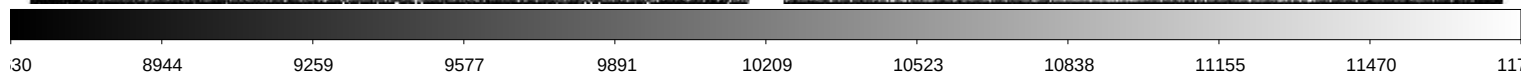
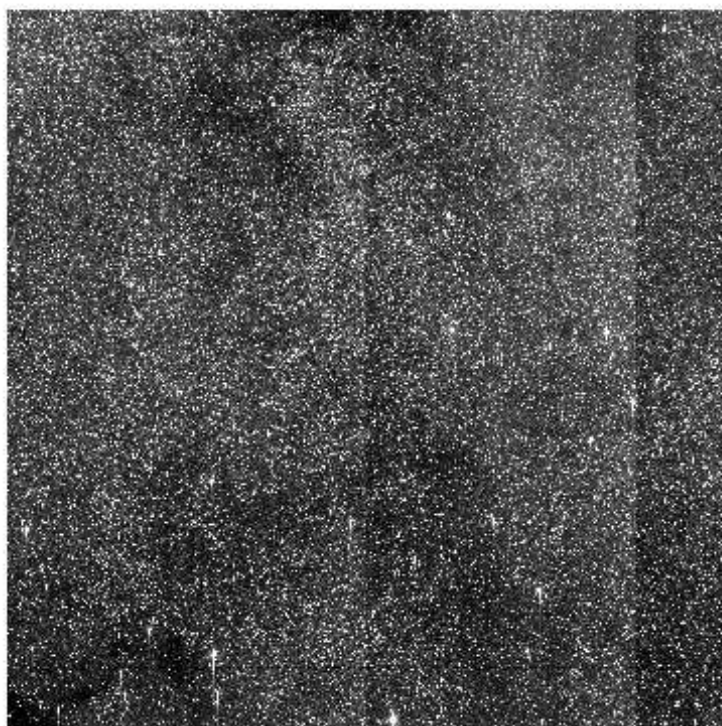
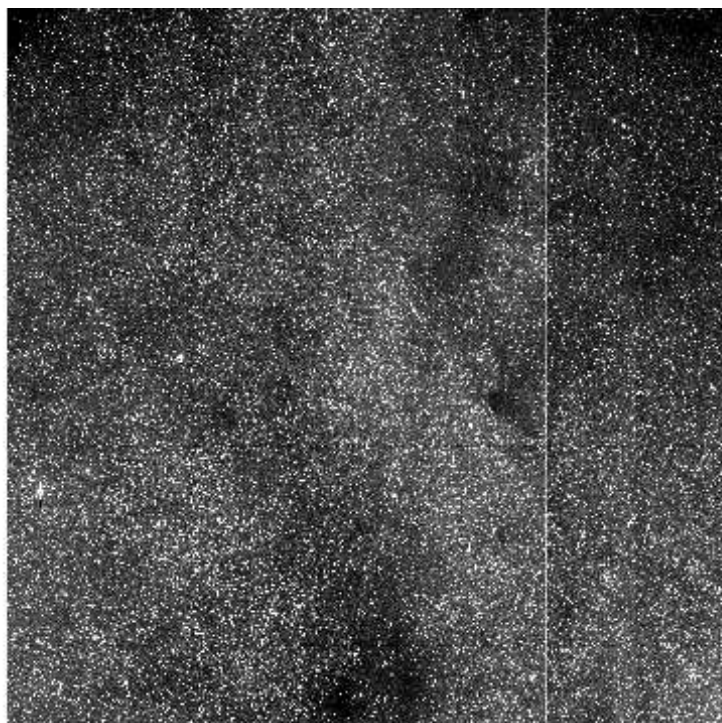


File Name	:	kmnts.20260727.052057.fits	# 61 / 73 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG33	
RA	:	18:13:20.540	
DEC	:	-30:03:25.90	
Exposure Time	:	60	ALT
Airmass	:	1.13	AZ
Sidereal Time	:	16:08:09	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-27T18:21:18	Weather
CCD Temperature	:	-109.03	Moon Effect

ALT	:	62.5
AZ	:	85.9
Image Issue	:	—
CHIP	:	—
Weather	:	8
Moon Effect	:	0.7

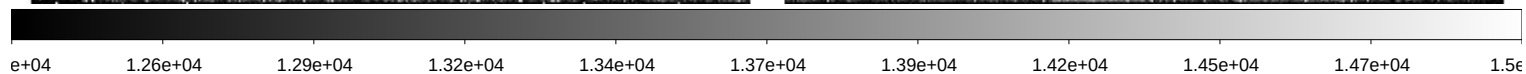
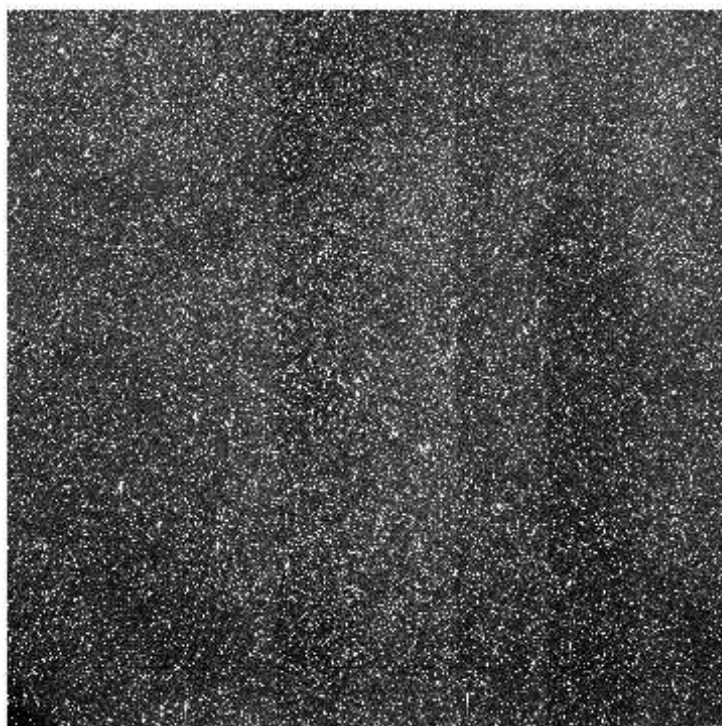
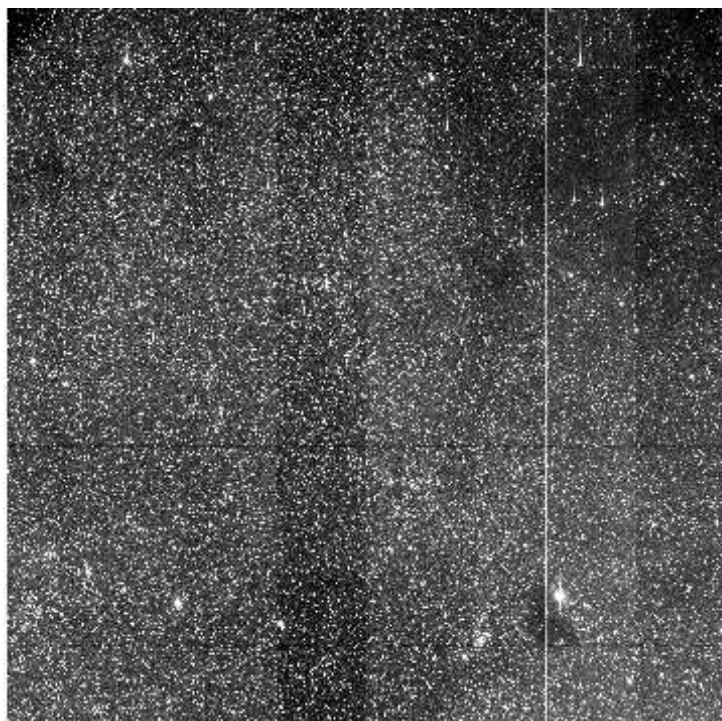


File Name	:	kmts.20260727.052058.fits	# 62 / 73 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG42	
RA	:	17:54:12.240	
DEC	:	-29:09:31.00	
Exposure Time	:	60	ALT
Airmass	:	1.09	AZ
Sidereal Time	:	16:10:09	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-27T18:23:17	Weather
CCD Temperature	:	-108.74	Moon Effect



File Name	:	kmts.20260727.052059.fits	# 63 / 73 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG43	
RA	:	18:01:48.100	
DEC	:	-28:04:29.20	
Exposure Time	:	60	ALT
Airmass	:	1.10	AZ
Sidereal Time	:	16:12:08	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-27T18:25:28	Weather
CCD Temperature	:	-108.95	Moon Effect

63 / 73



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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kmts.20260727.052060.fits

BLG

OBJECT

BLG34

18:04:05.310

-32:10:28.90

60

1.09

16:14:16

I

2026-07-27T18:27:37

-109.04

64 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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66.1

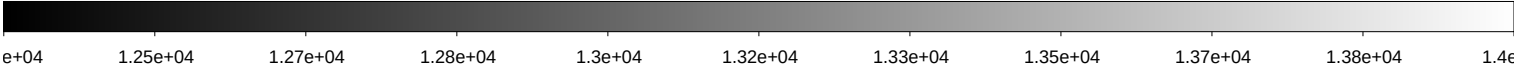
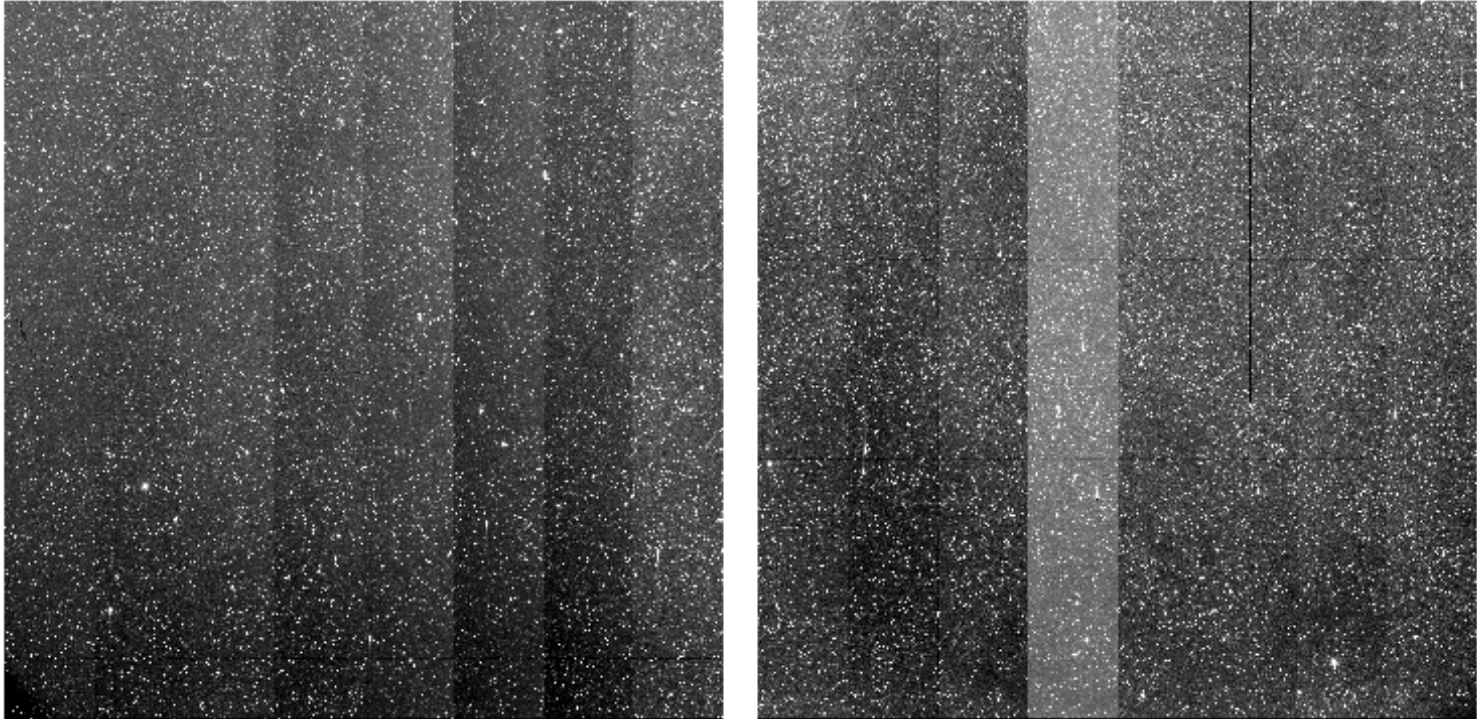
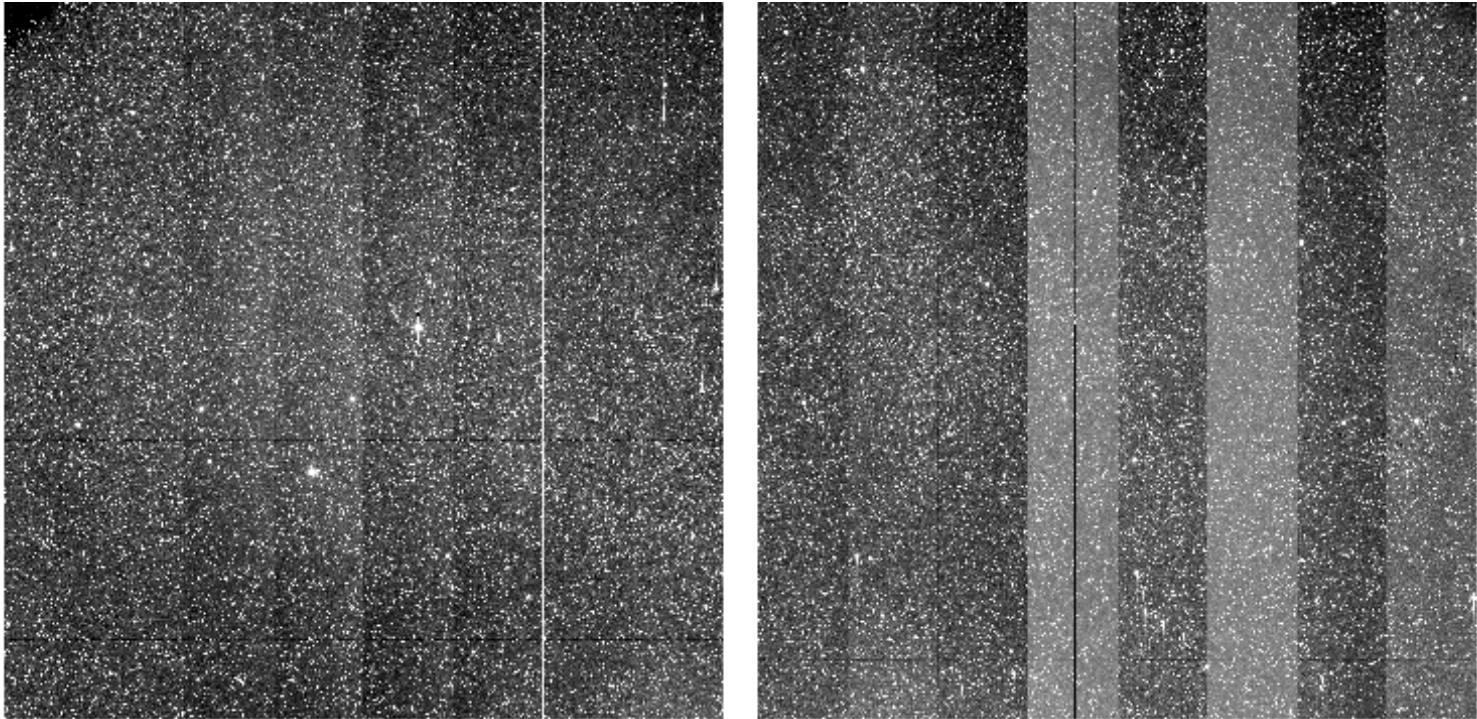
82.4

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8

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052061.fits

: BLG

: OBJECT

: BLG21

: 17:54:30.330

: -35:22:29.50

: 60

: 1.07

: 16:16:26

: I

: 2026-07-27T18:29:46

: -109.05

65 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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68.7

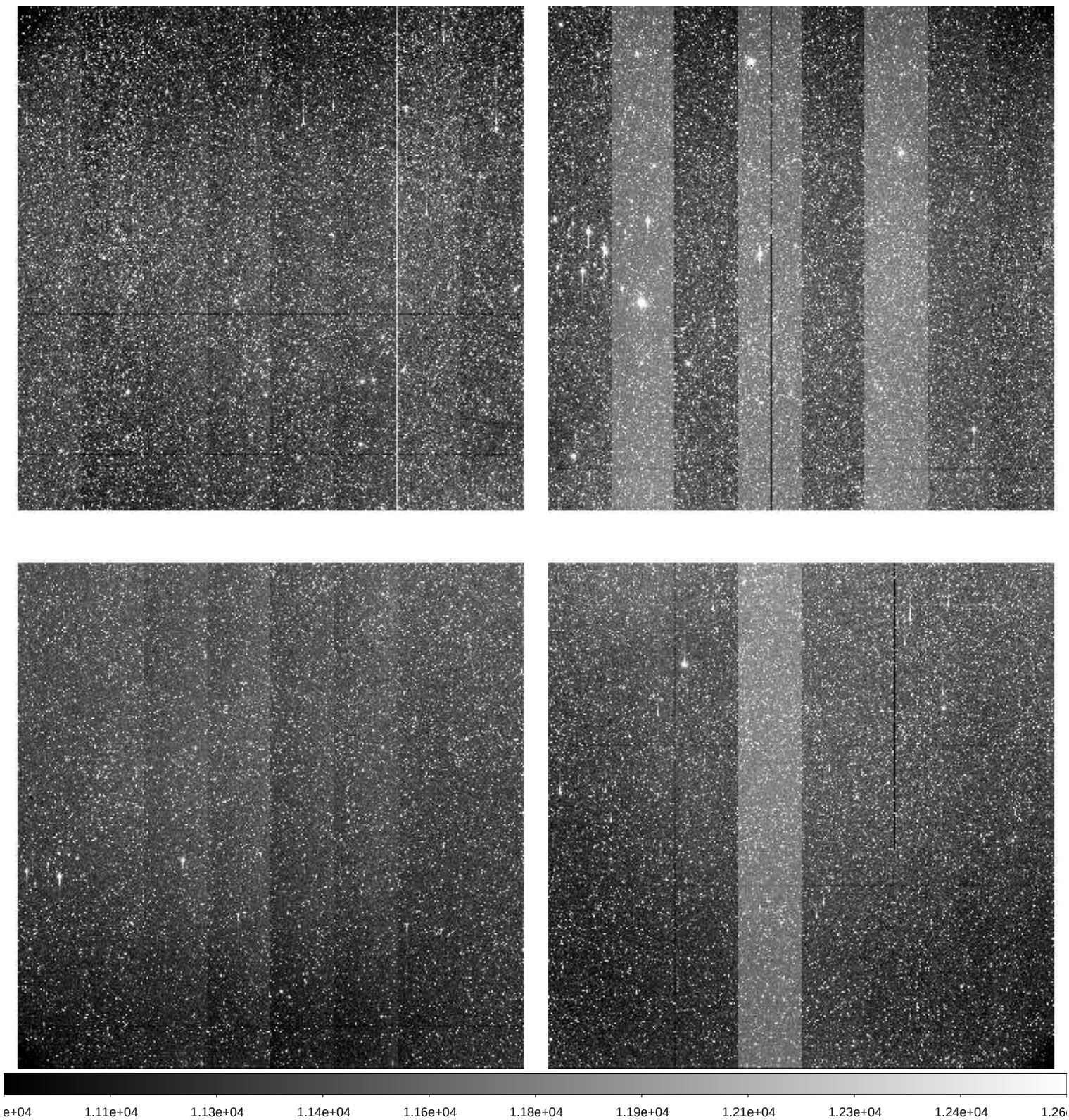
74.5

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8

0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmts.20260727.052062.fits

: BLG

: OBJECT

: BLG02

: 17:54:28.870

: -29:01:58.90

: 60

: 1.08

: 16:18:37

: I

: 2026-07-27T18:31:43

: -109.06

66 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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68.4

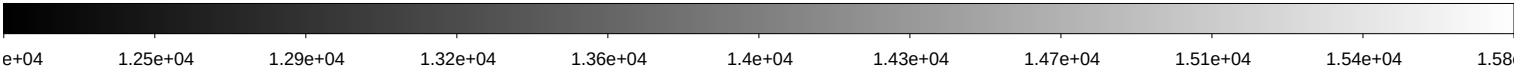
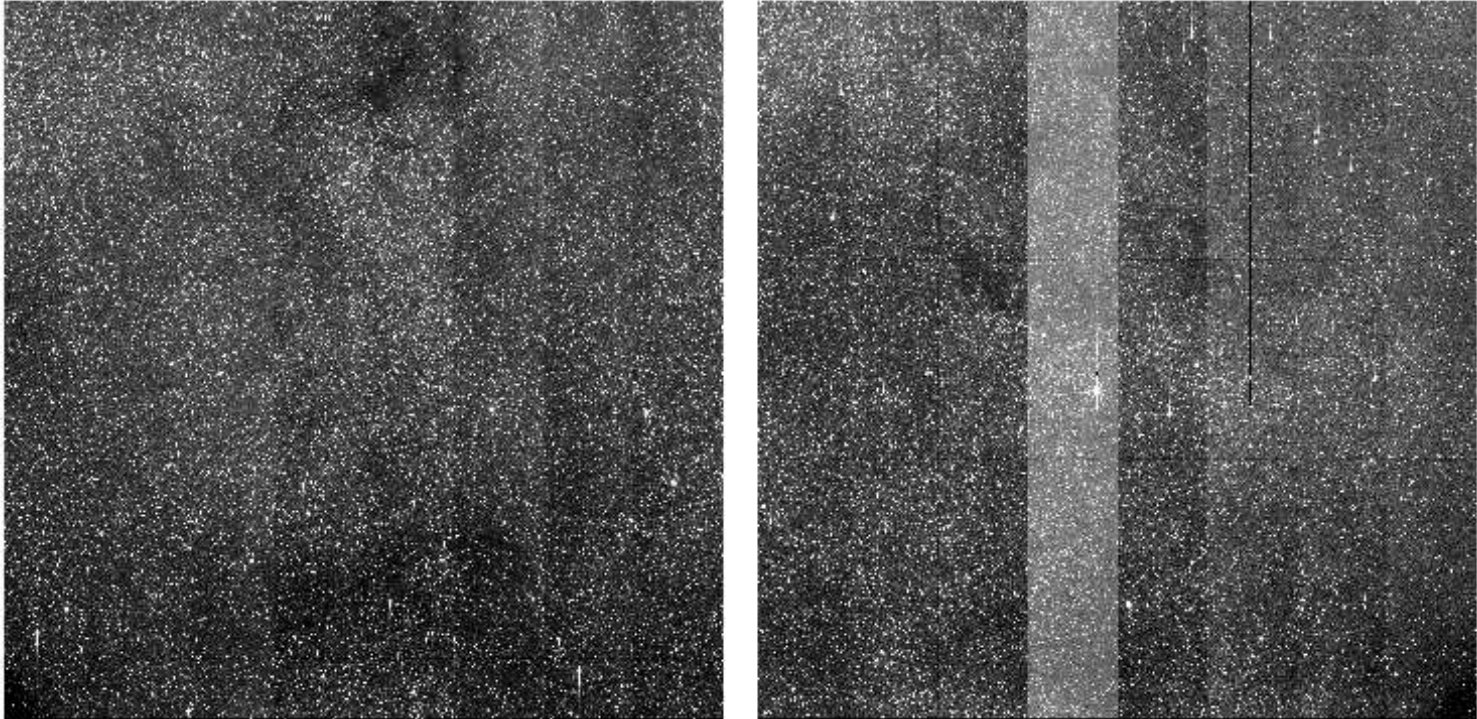
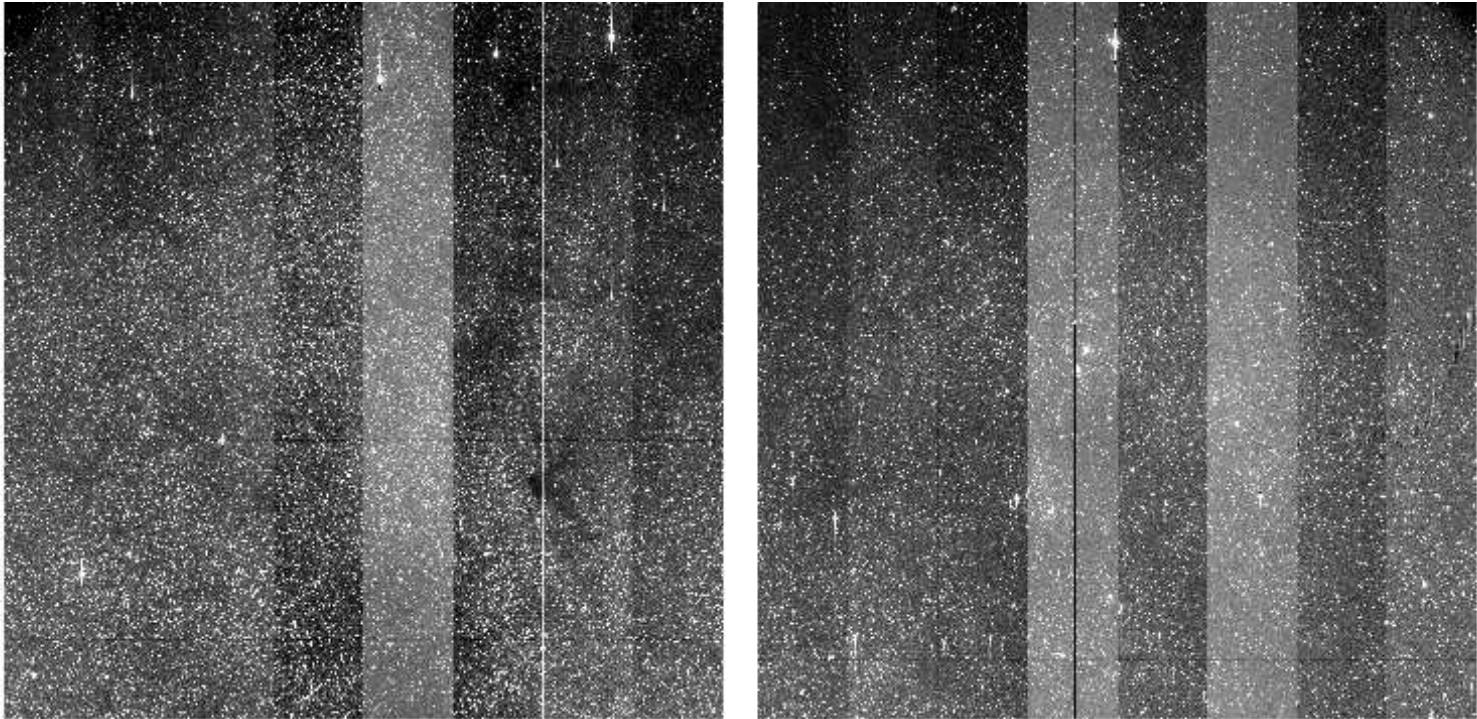
91.9

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0.4



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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kmts.20260727.052063.fits

BLG

OBJECT

BLG03

18:02:05.070

-27:57:00.30

60

1.09

16:20:33

I

2026-07-27T18:33:52

-108.79

67 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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66.9

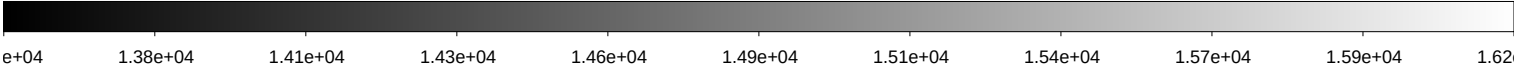
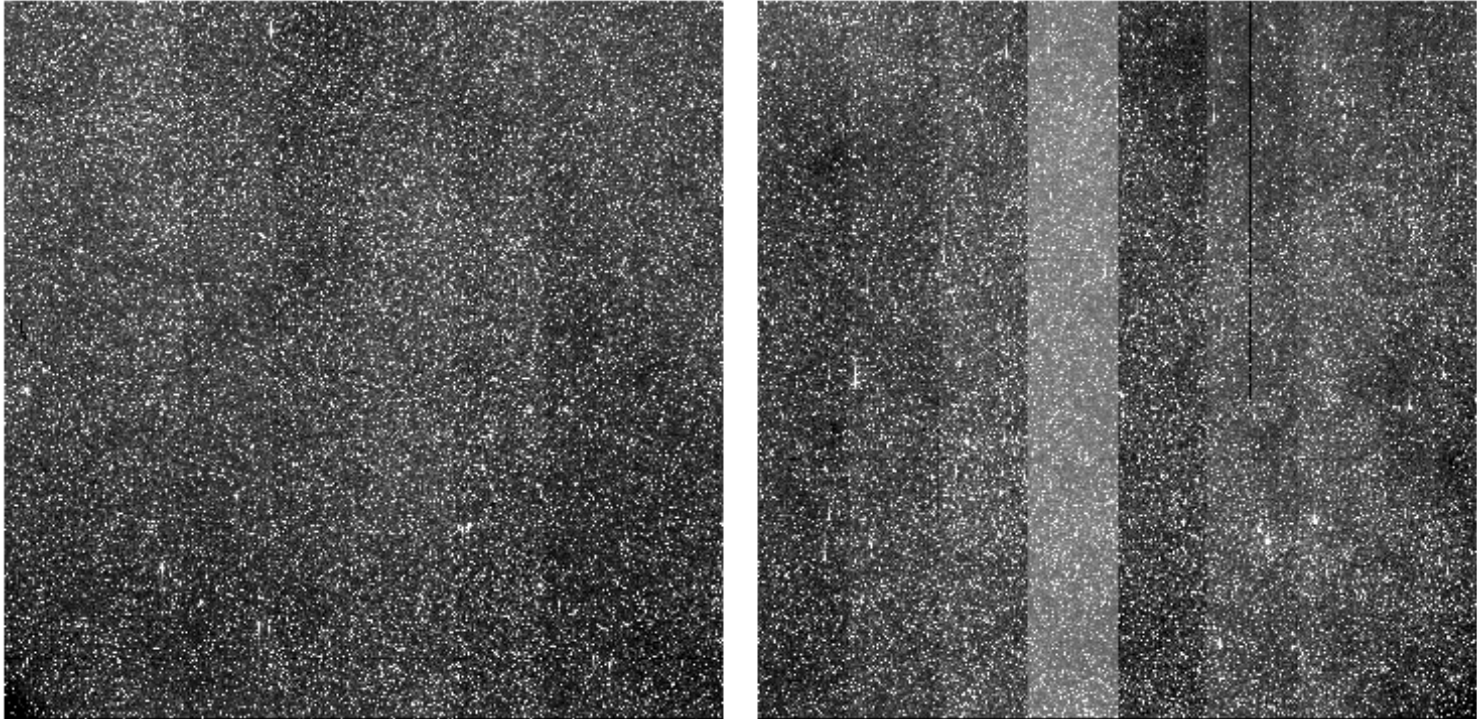
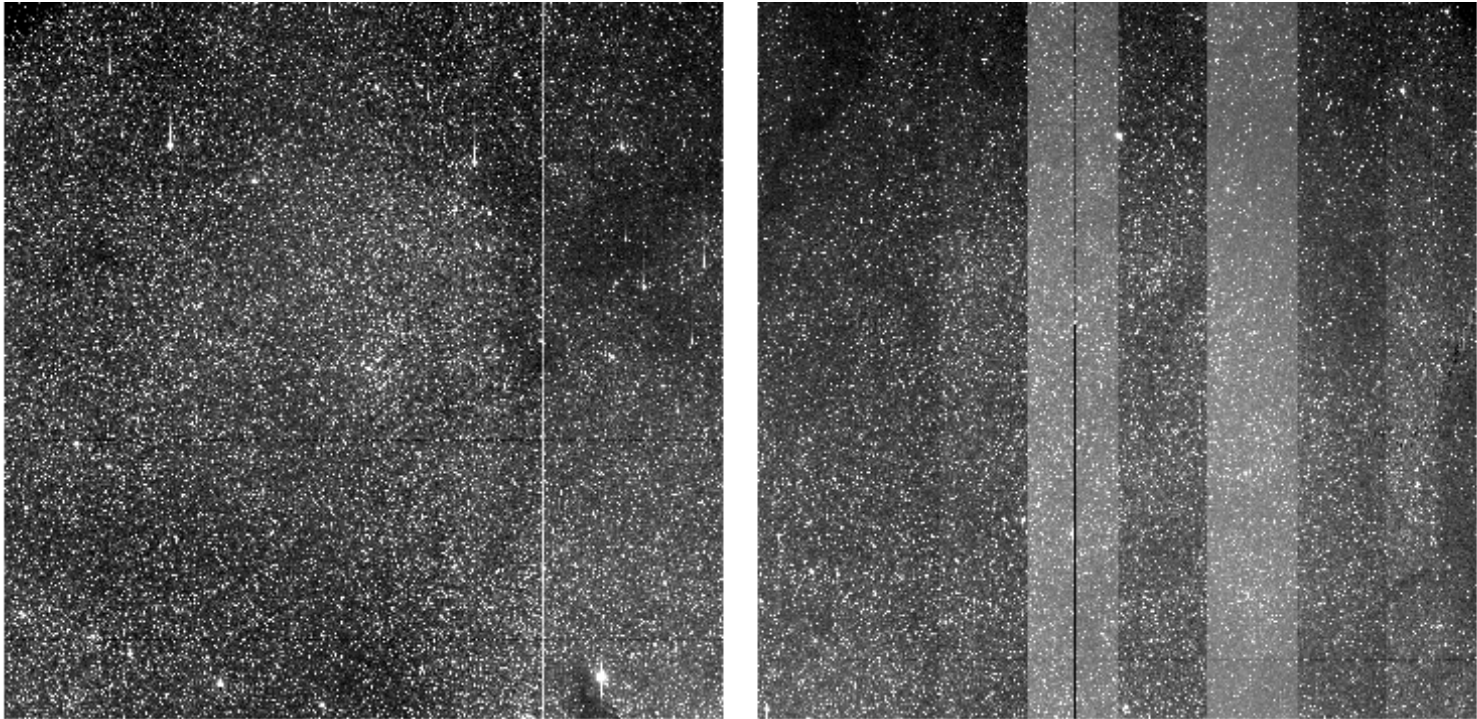
93.8

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8

0.5



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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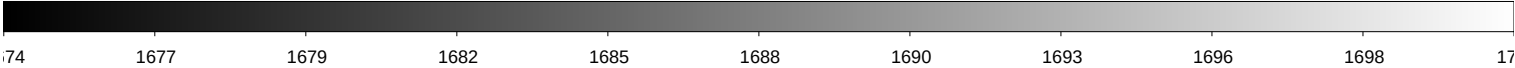
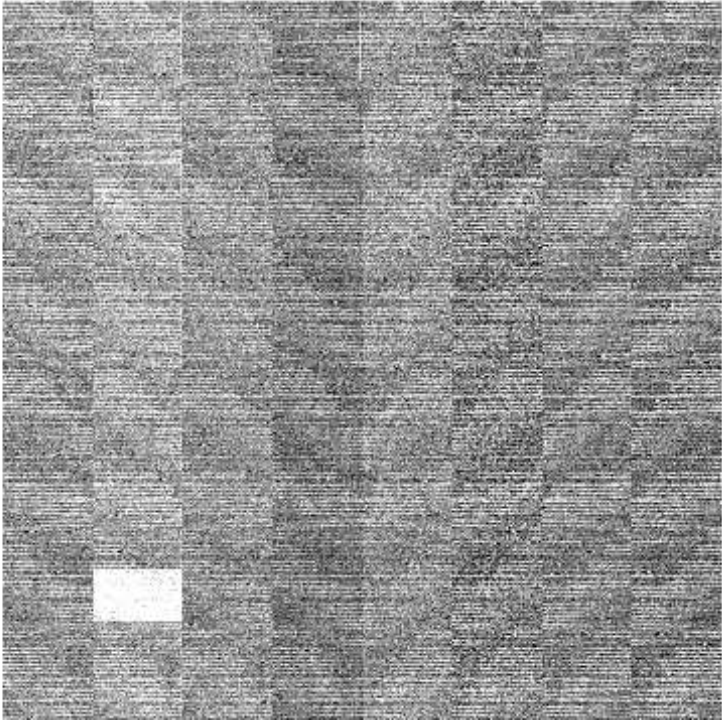
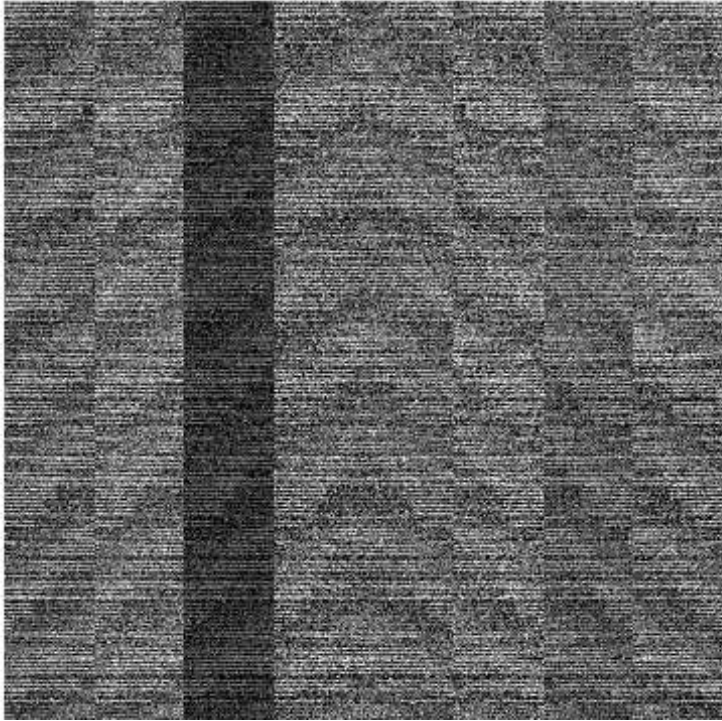
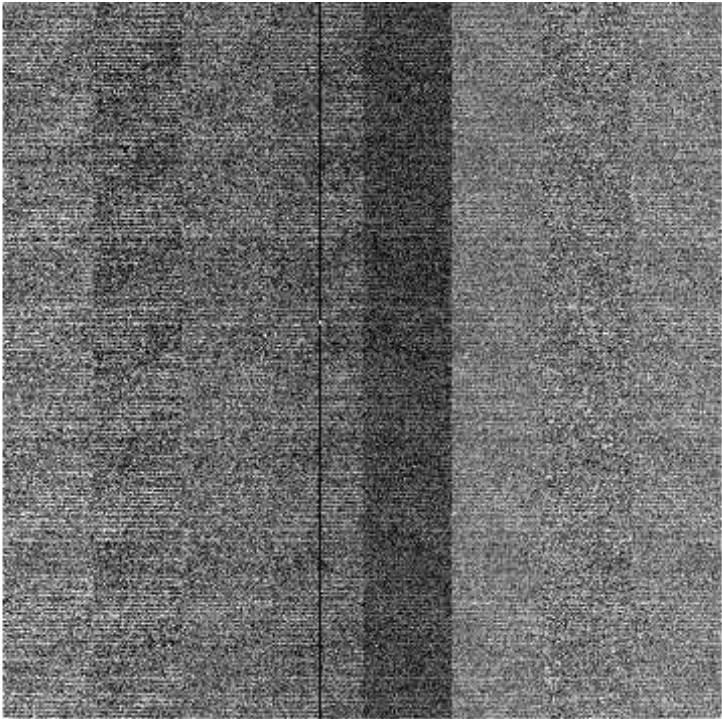
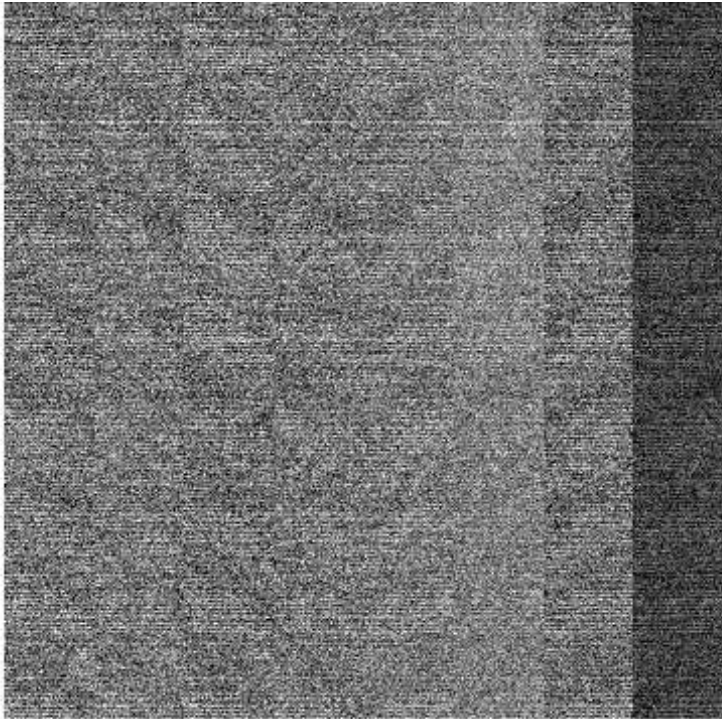
kmts.20260728.052064.fits
ALL
BIAS
bias
23:37:28.780
-32:12:18.30
0
1.00
23:37:28
R
2026-07-28T01:49:23
-109.62

68 / 73

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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90.0
0.0
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8
0.0



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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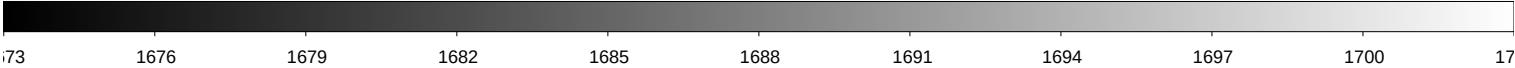
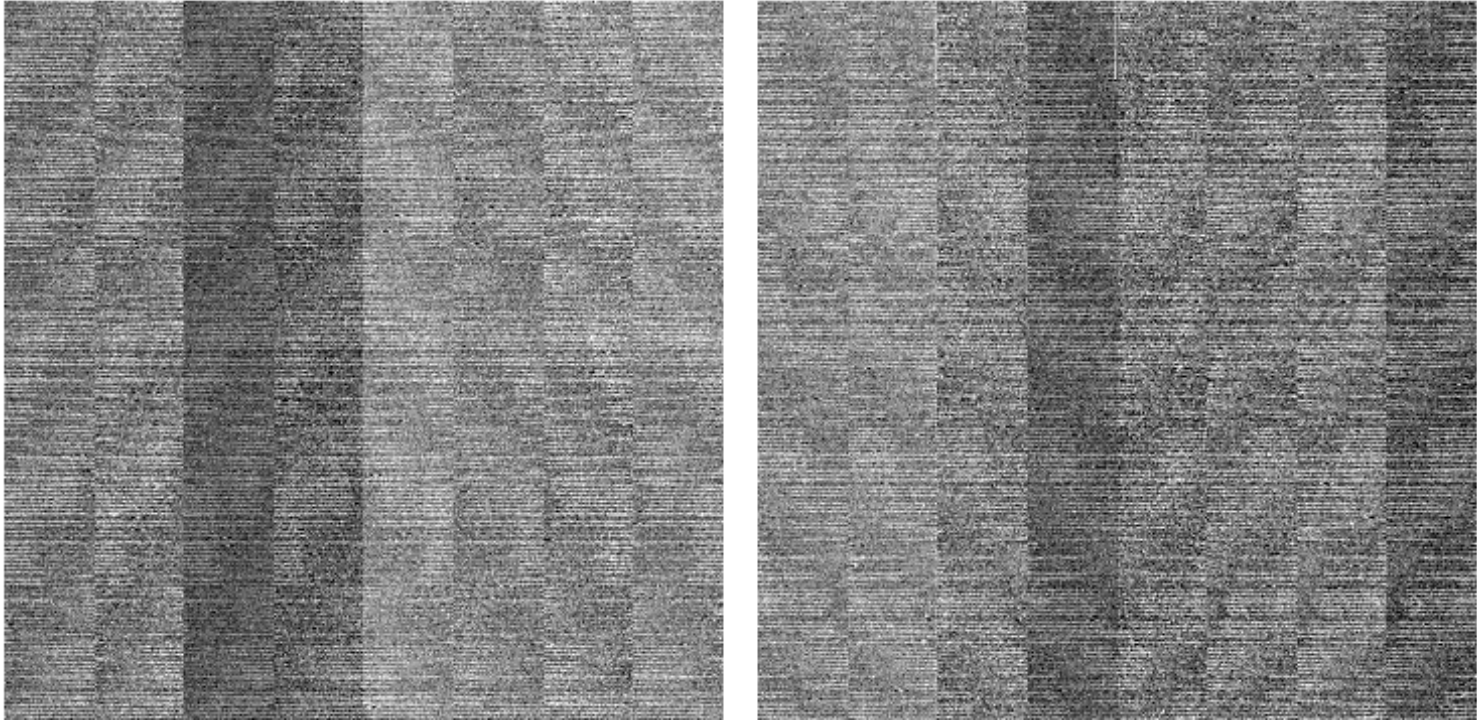
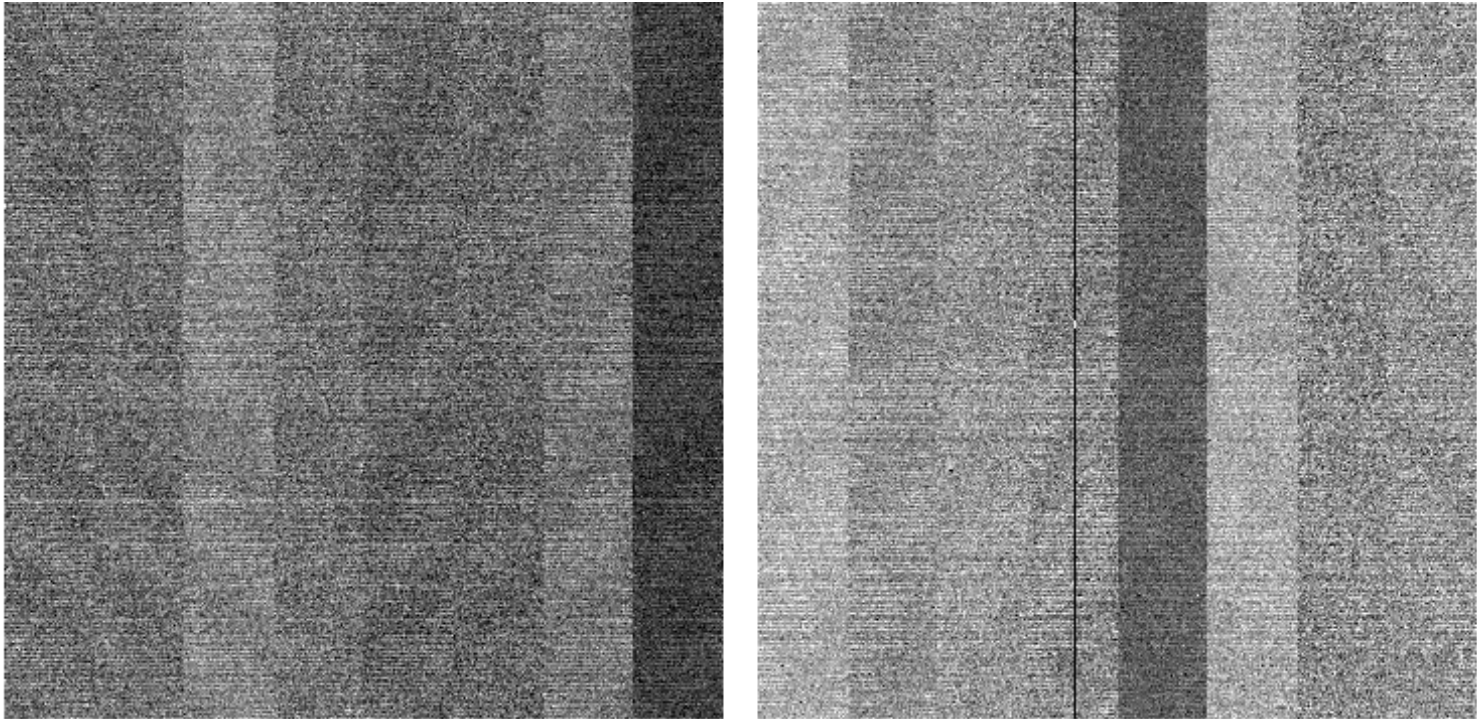
kmts.20260728.052065.fits
ALL
BIAS
bias
23:38:25.130
-32:12:18.30
0
1.00
23:38:25
R
2026-07-28T01:50:32
-109.63

69 / 73

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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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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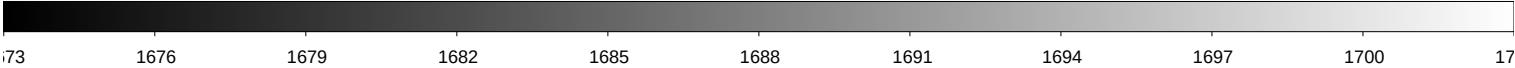
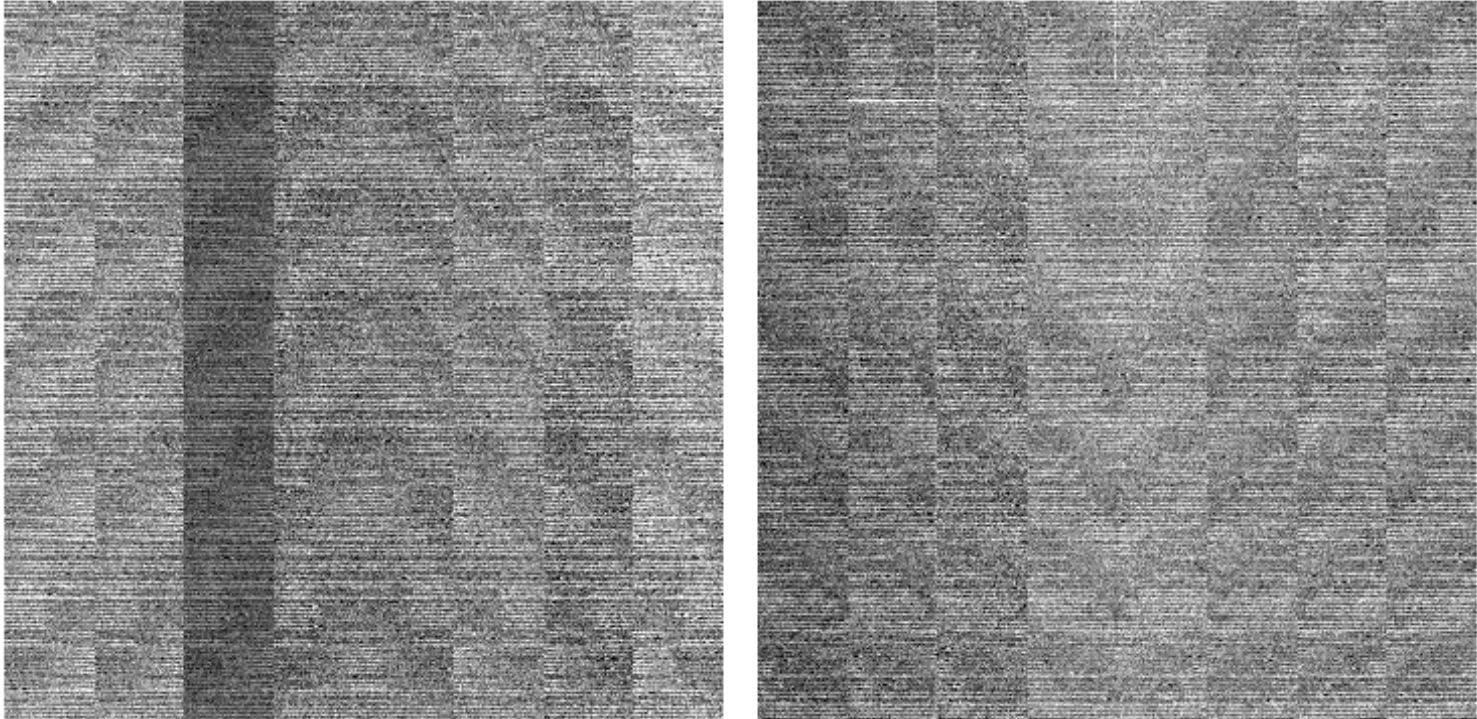
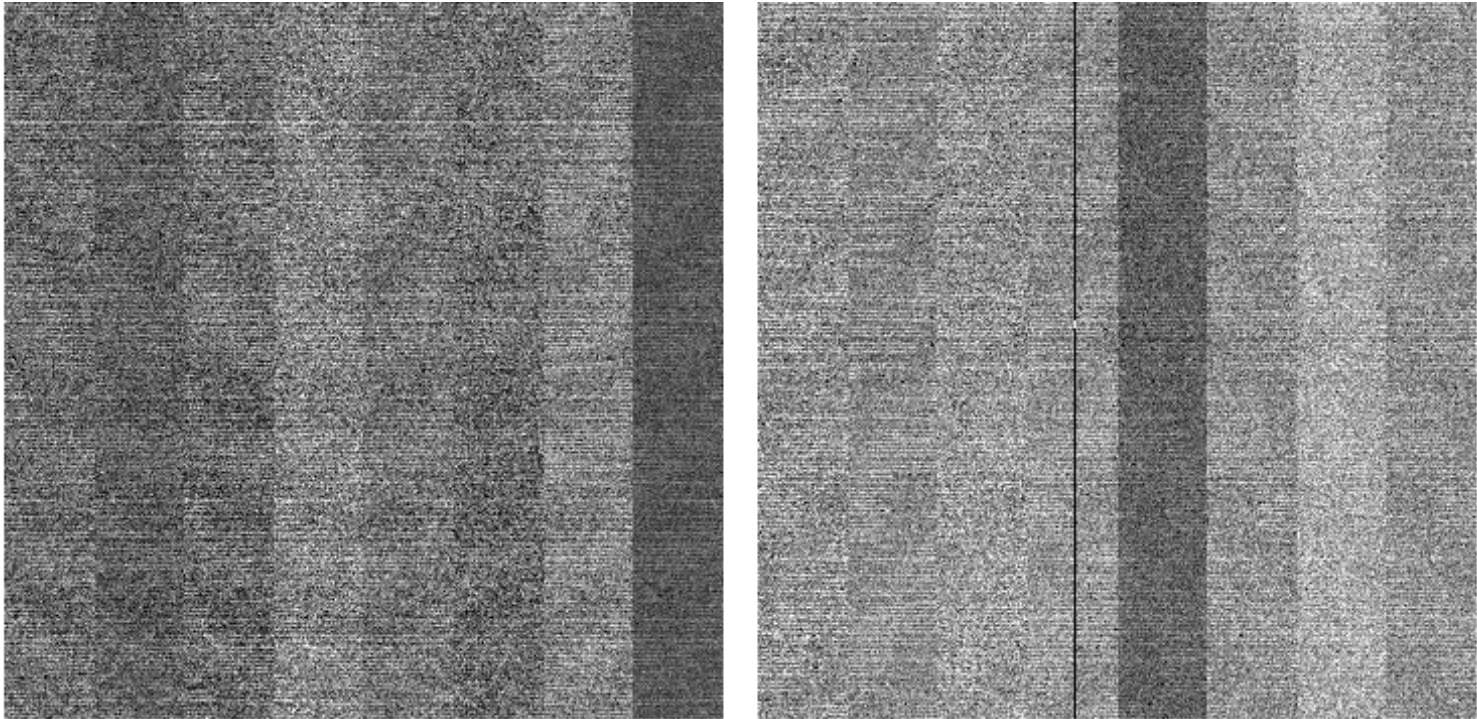
kmts.20260728.052066.fits
ALL
BIAS
bias
23:39:35.120
-32:12:18.20
0
1.00
23:39:35
R
2026-07-28T01:51:41
-109.64

70 / 73

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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File Name
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Image Type
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DEC
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CCD Temperature

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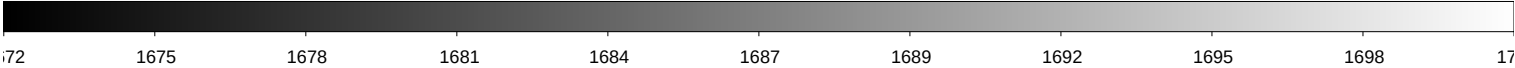
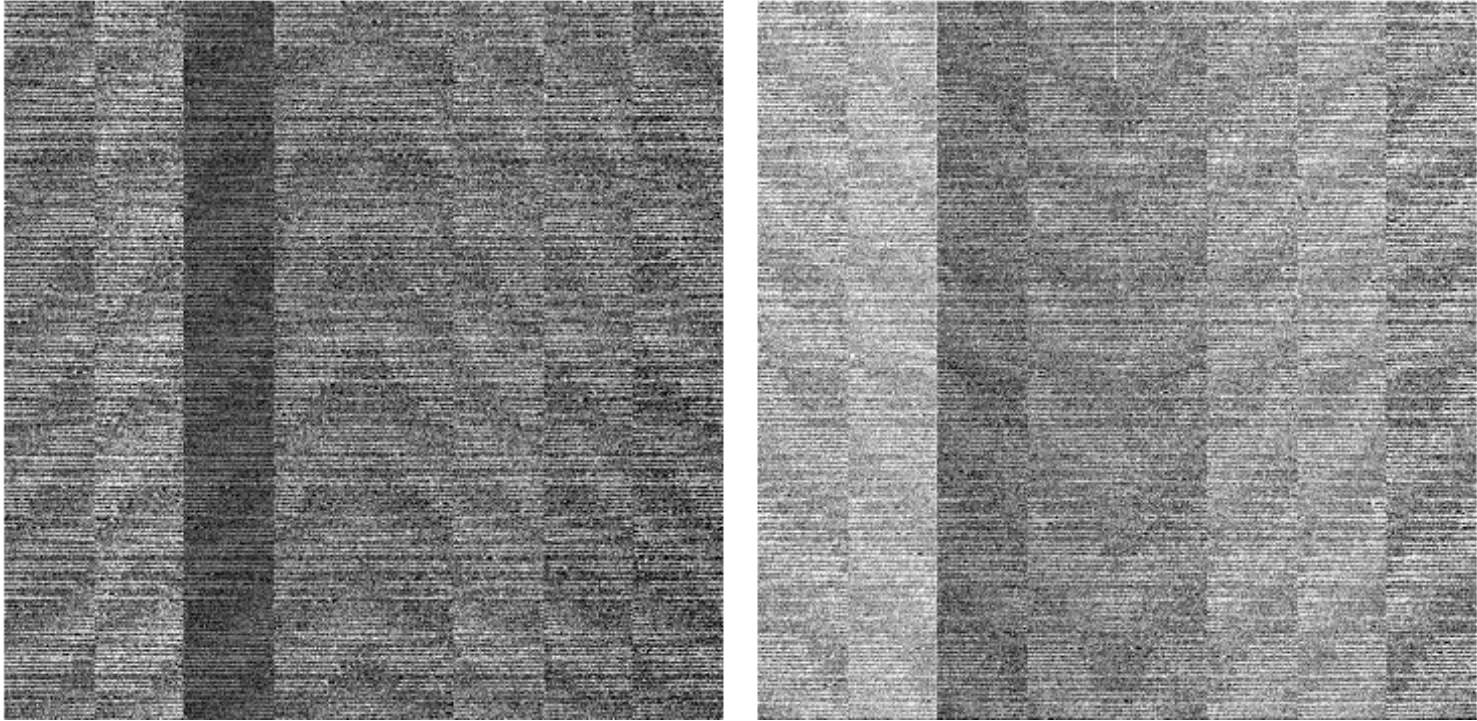
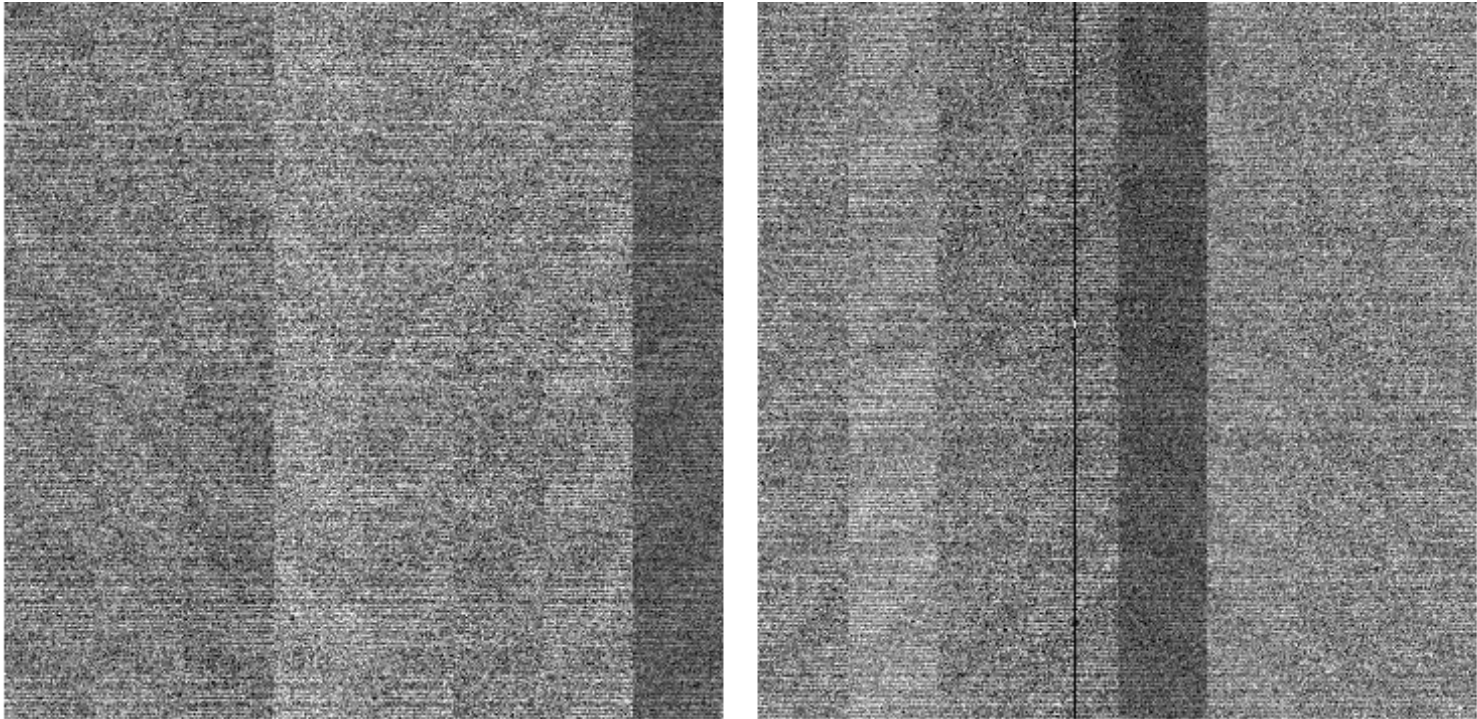
kmts.20260728.052067.fits
ALL
BIAS
bias
23:40:43.300
-32:12:18.30
0
1.00
23:40:43
R
2026-07-28T01:52:50
-109.65

71 / 73

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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90.0
0.0
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0.0



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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kmts.20260728.052068.fits

ALL

BIAS

bias

23:41:54.500

-32:12:18.40

0

1.00

23:41:54

R

2026-07-28T01:53:48

-109.65

72 / 73

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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90.0

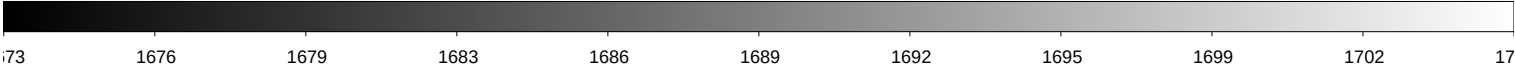
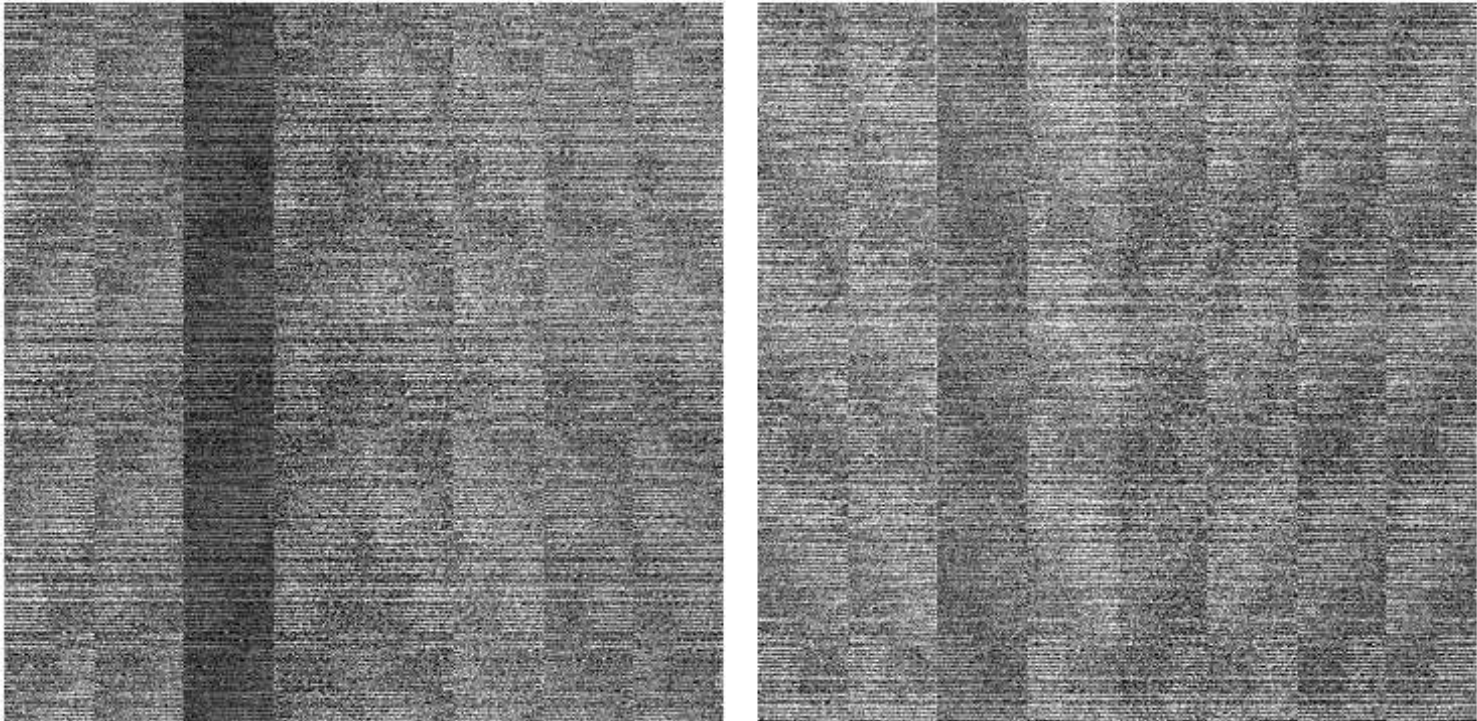
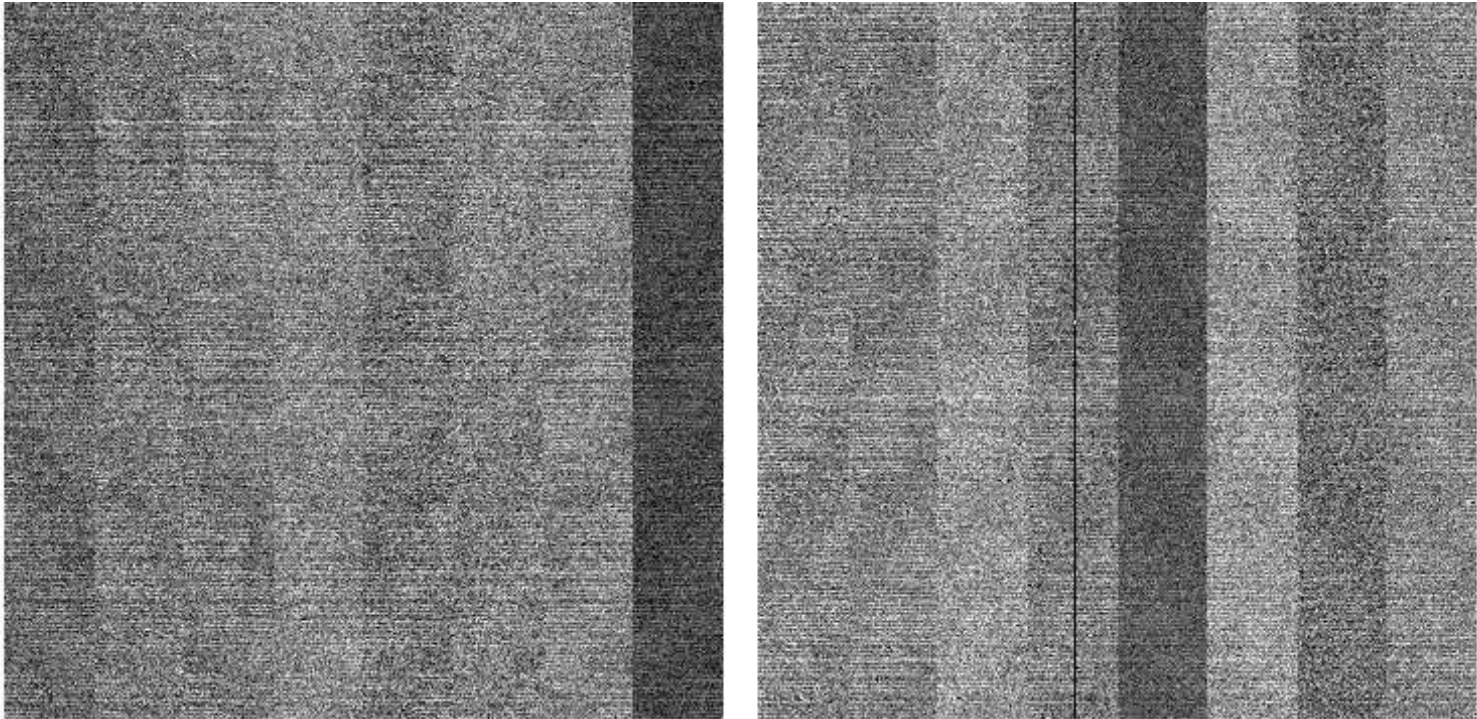
0.0

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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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kmts.20260728.052069.fits
OBS
DARK
end
23:44:12.470
-32:12:18.30
30
1.00
23:44:12
NO
2026-07-28T01:56:05
-109.63

73 / 73

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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90.0
0.0
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8
0.0

