

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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kmta.20260810.034139.fits

OBS

DARK

begin

14:41:13.840

-31:06:07.80

30

1.00

14:41:13

V

2026-08-10T07:27:57

-273.15

1 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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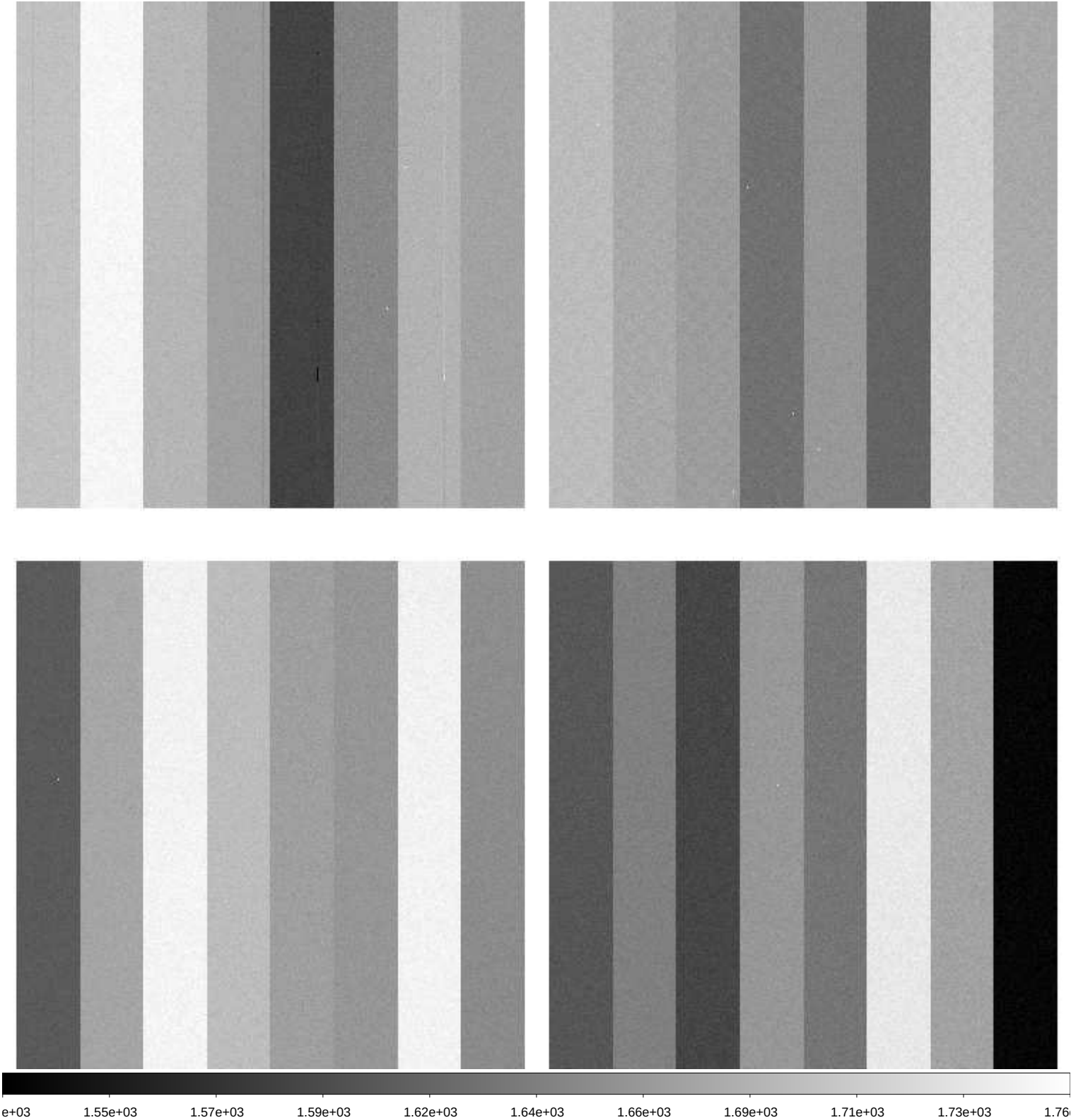
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90.0

0.0

24

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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kmta.20260810.034140.fits

ALL

BIAS

bias

14:42:33.860

-31:06:07.80

0

1.00

14:42:33

V

2026-08-10T07:29:29

-273.15

2 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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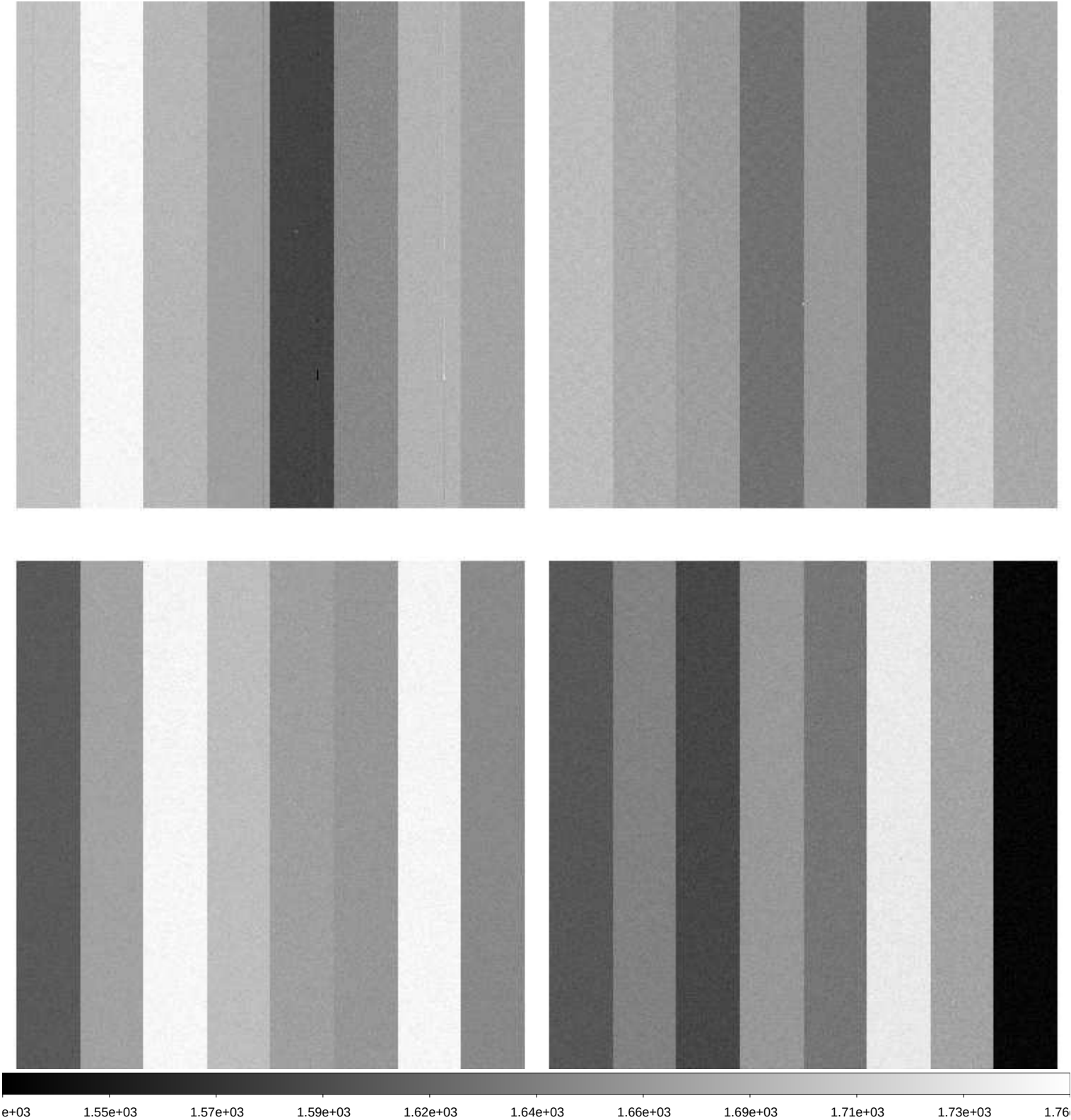
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90.0

0.0

24

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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kmta.20260810.034141.fits

ALL

BIAS

bias

14:43:44.250

-31:06:07.90

0

1.00

14:43:44

V

2026-08-10T07:30:39

-273.15

3 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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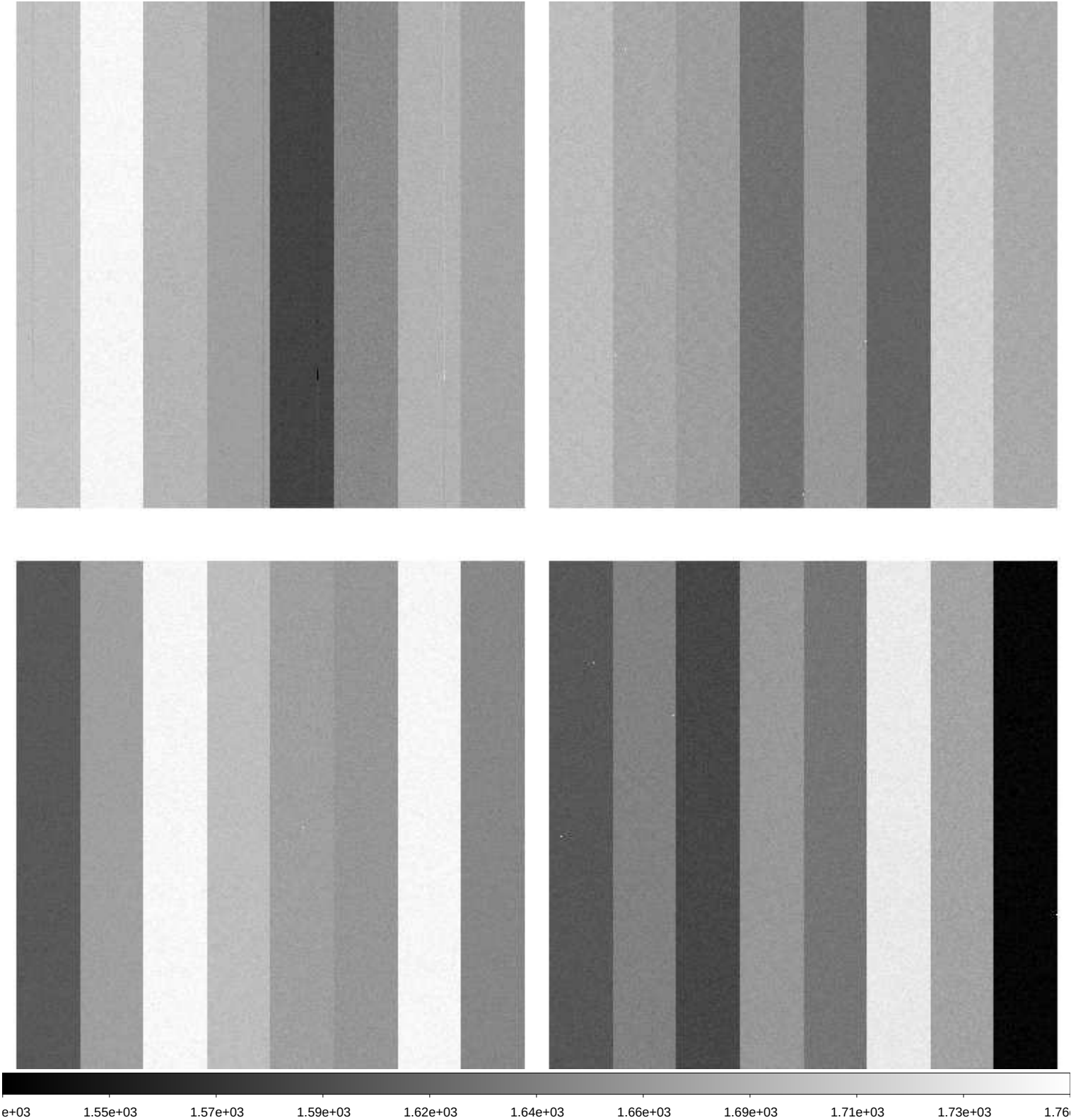
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90.0

0.0

24

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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kmta.20260810.034142.fits

ALL

BIAS

bias

14:44:53.240

-31:06:07.80

0

1.00

14:44:53

V

2026-08-10T07:31:48

-273.15

4 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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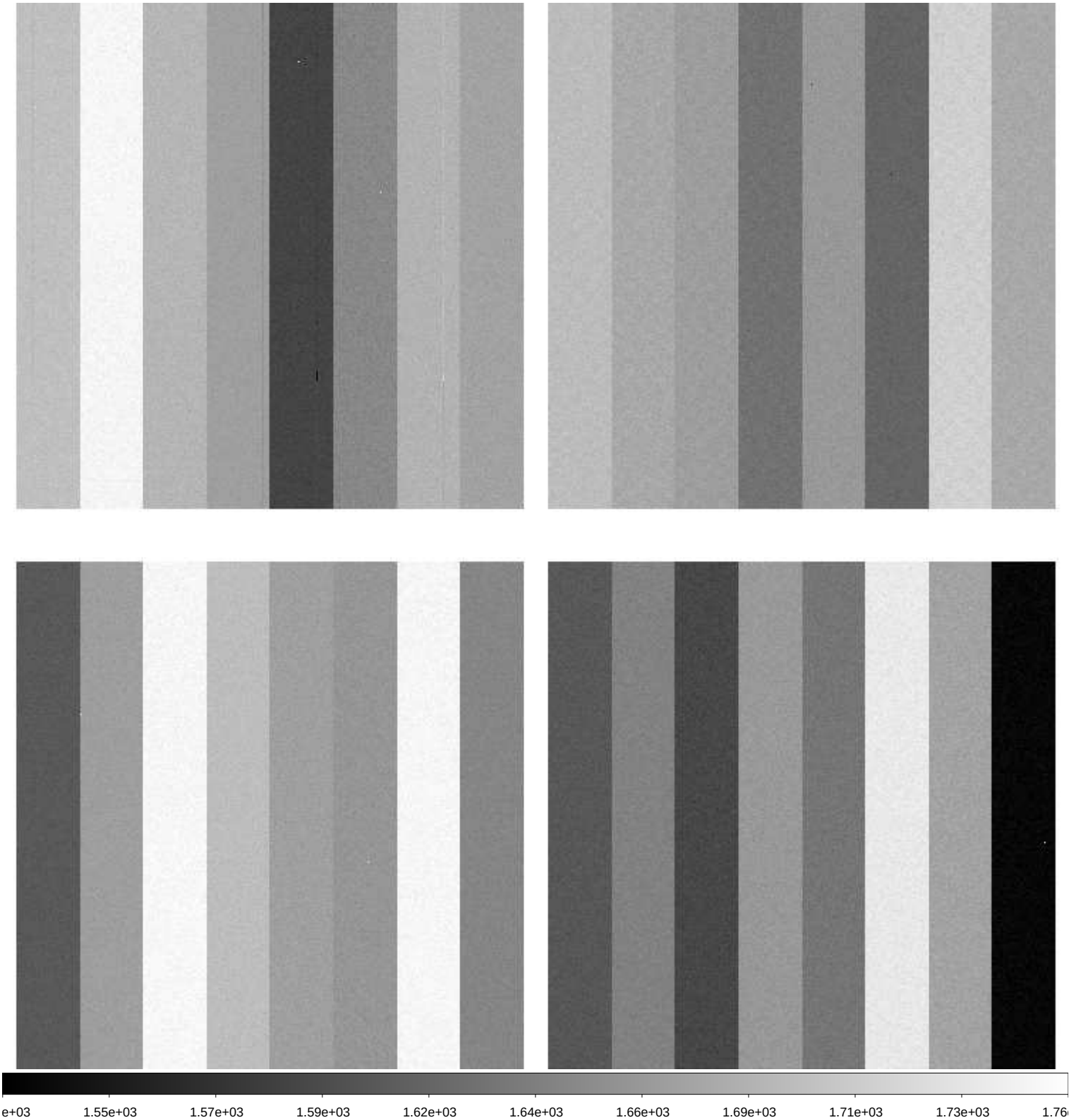
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90.0

0.0

24

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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kmta.20260810.034143.fits

ALL

BIAS

bias

14:46:02.430

-31:06:07.80

0

1.00

14:46:02

V

2026-08-10T07:32:57

-273.15

5 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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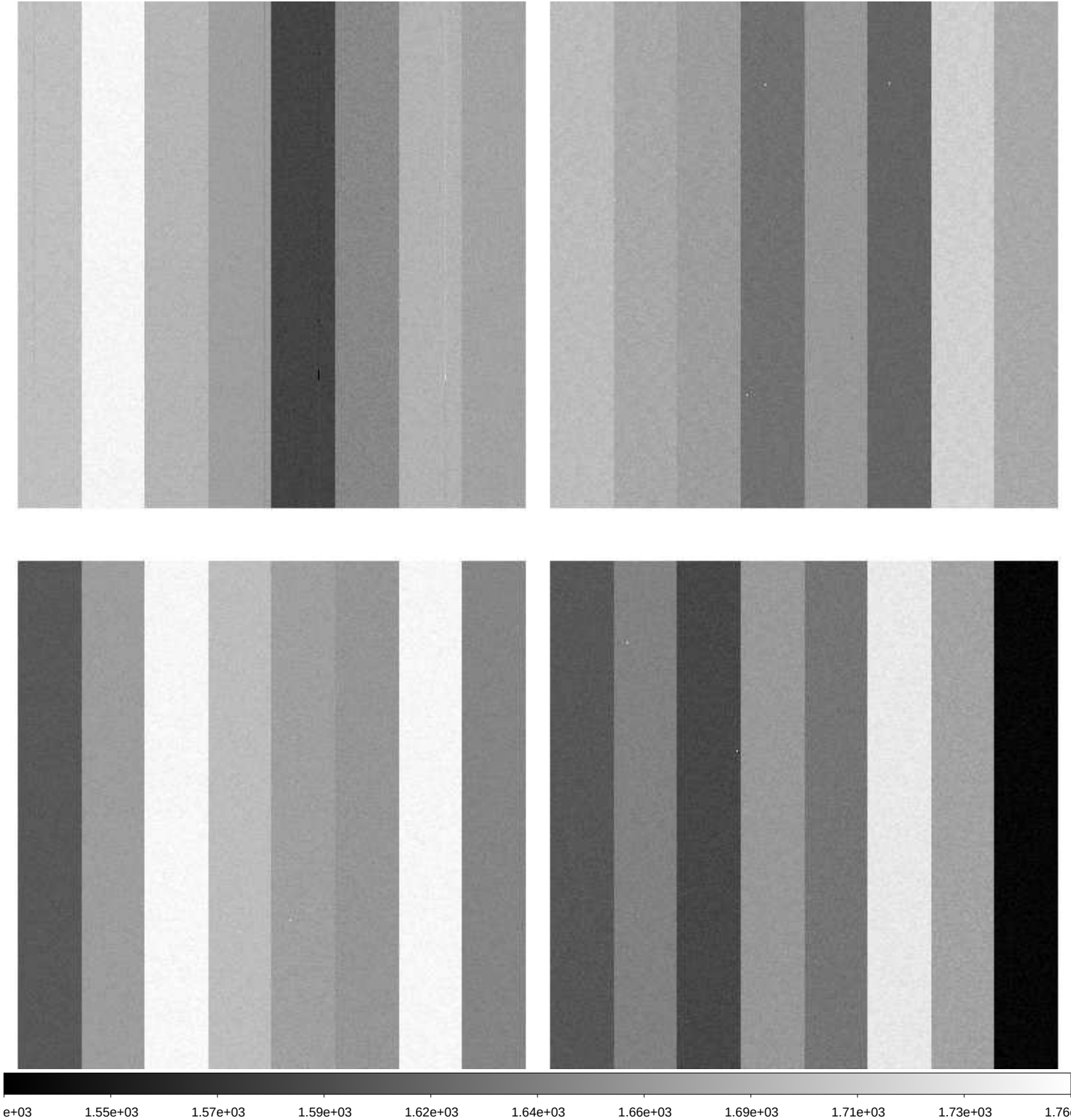
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90.0

0.0

24

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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kmta.20260810.034144.fits

ALL

BIAS

bias

14:47:11.620

-31:06:07.80

0

1.00

14:47:11

V

2026-08-10T07:34:07

-273.15

6 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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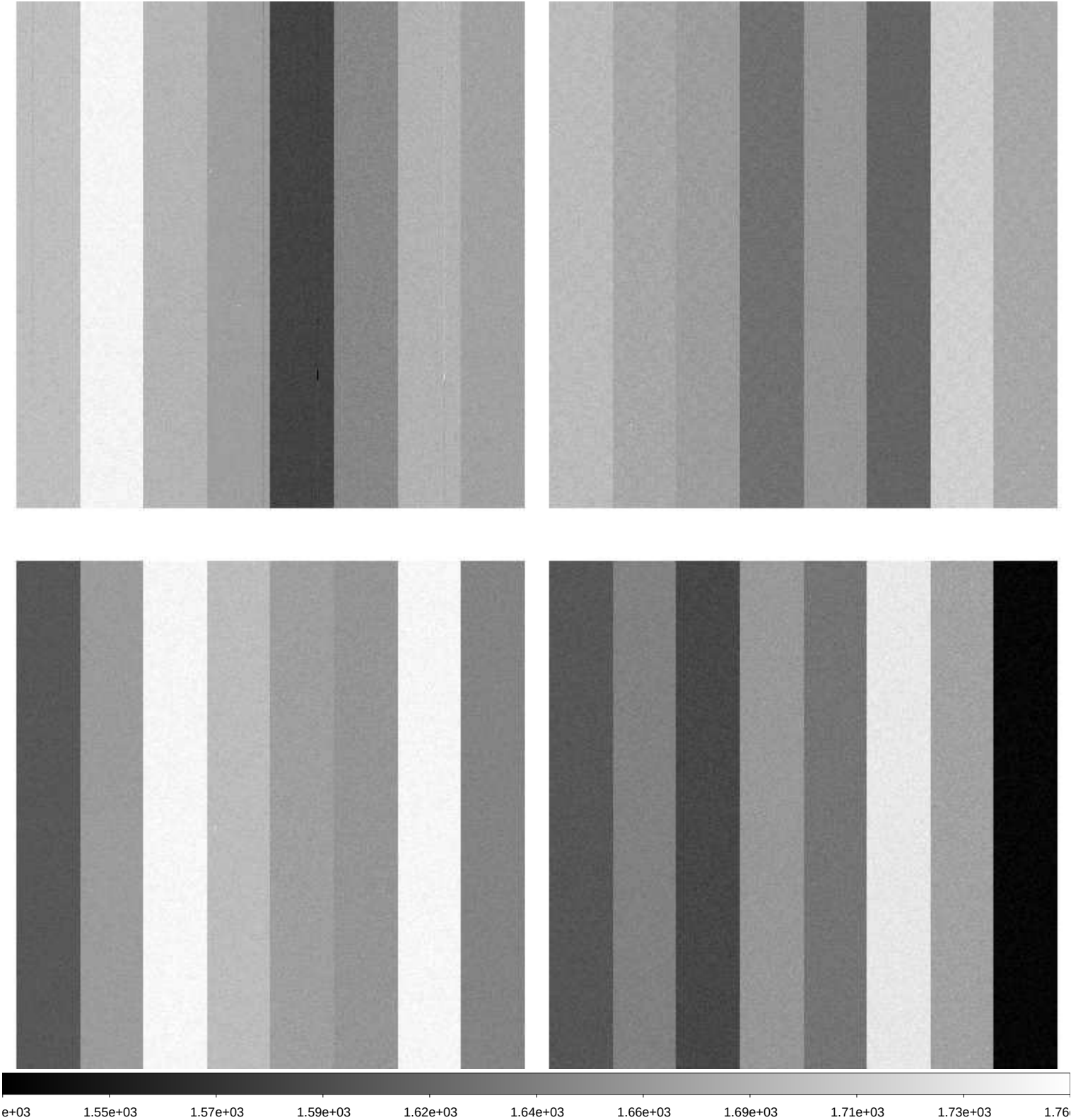
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90.0

0.0

24

0.0



File Name : **kmta.20260810.034145.fits** # 7 / 77 #

Project ID : ALL

Image Type : BIAS

Object Name : **dflat**

RA : 12:55:14.040

DEC : -20:49:41.10

Exposure Time : 0

Airmass : 1.45

Sidereal Time : 16:18:51

Filter ID : I

Observation Date : 2026-08-10T09:05:18

CCD Temperature : -273.15

ALT : 43.5

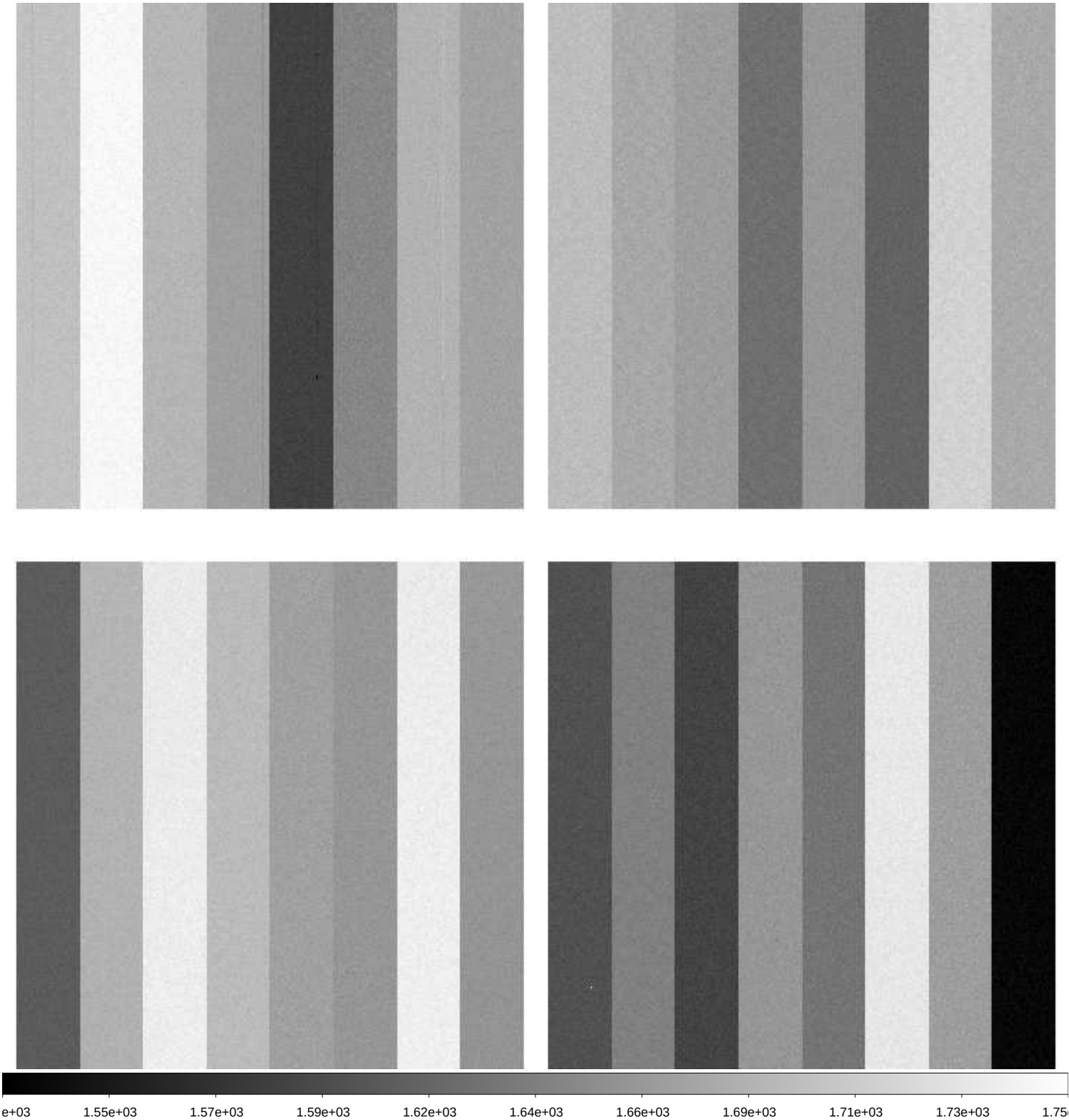
AZ : -90.0

Image Issue : —

CHIP : —

Weather : 24

Moon Effect : 0.0



File Name : **kmta.20260810.034146.fits** # 8 / 77 #

Project ID : ALL

Image Type : BIAS

Object Name : **dflat**

RA : 12:56:10.990

DEC : -20:49:40.90

Exposure Time : 0

Airmass : 1.45

Sidereal Time : 16:19:47

Filter ID : I

Observation Date : 2026-08-10T09:06:28

CCD Temperature : -273.15

ALT : 43.5

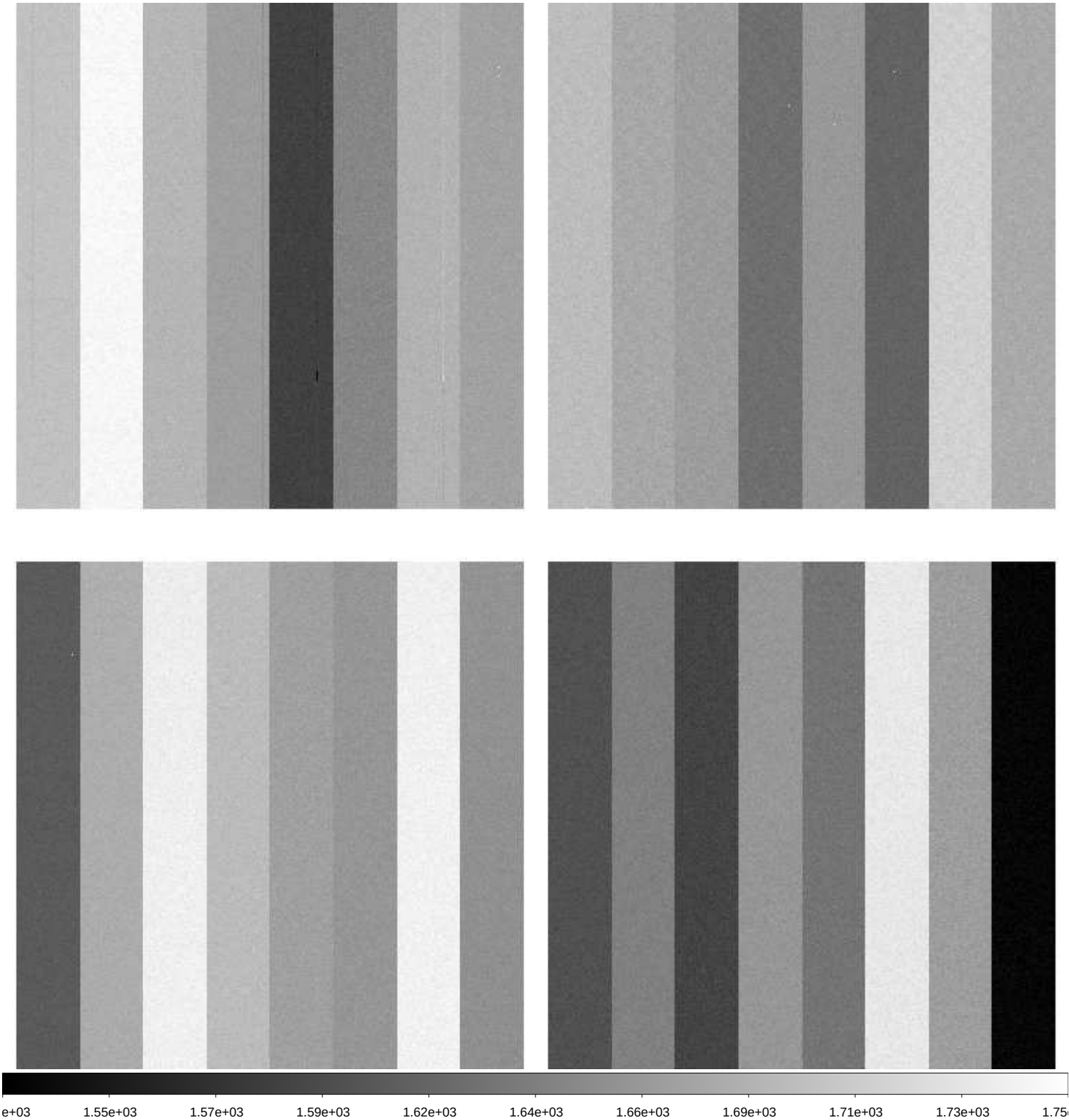
AZ : -90.0

Image Issue : —

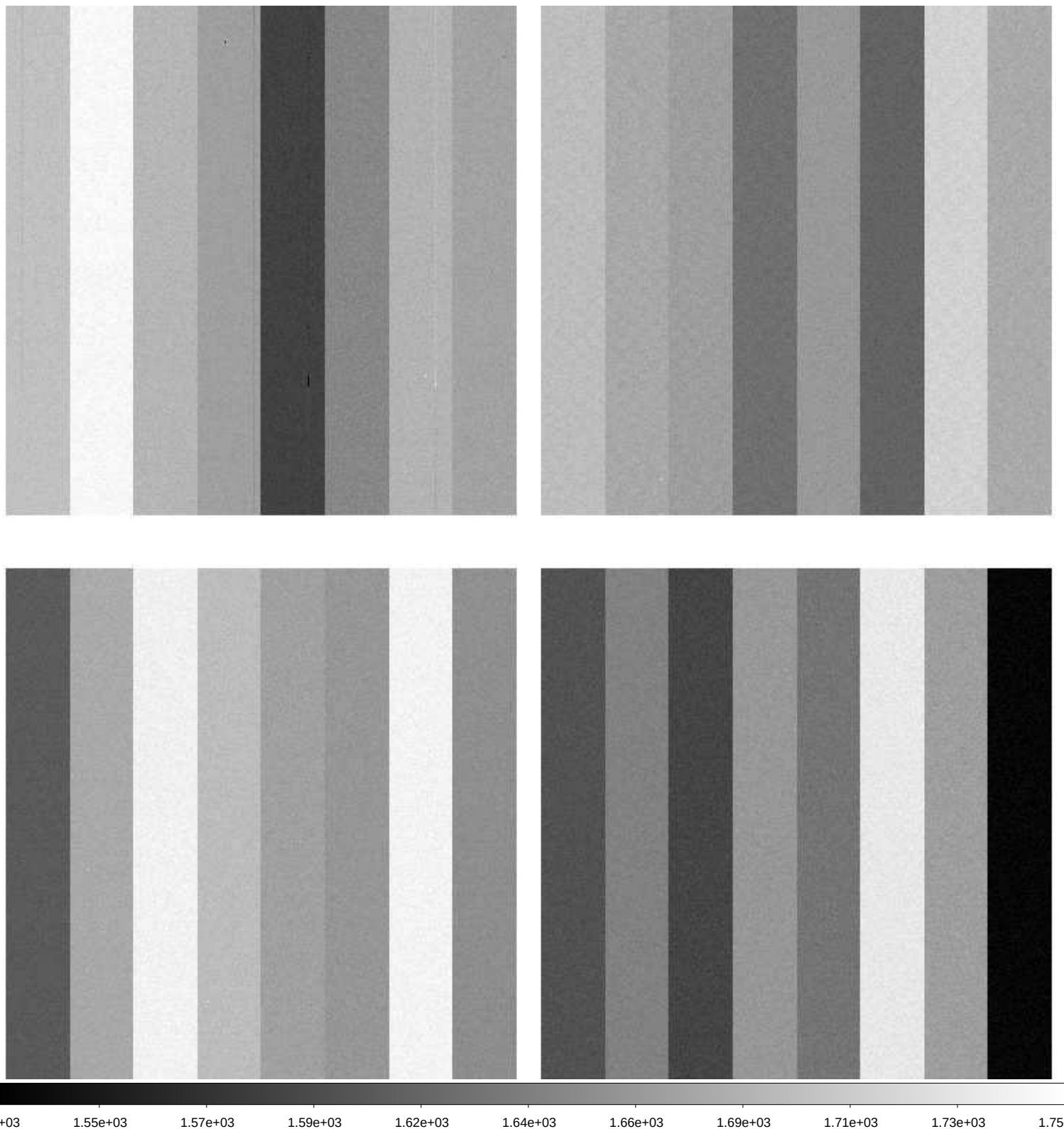
CHIP : —

Weather : 24

Moon Effect : 0.0



File Name	:	kmta.20260810.034147.fits	# 9 / 77 #
Project ID	:	ALL	
Image Type	:	BIAS	
Object Name	:	dflat	
RA	:	12:57:20.990	
DEC	:	-20:49:40.70	
Exposure Time	:	0	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	16:20:57	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T09:07:37	Weather
CCD Temperature	:	-273.15	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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kmta.20260810.034148.fits

ALL

BIAS

dflat

12:58:31.180

-20:49:40.70

0

1.45

16:22:08

I

2026-08-10T09:08:34

-273.15

10 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

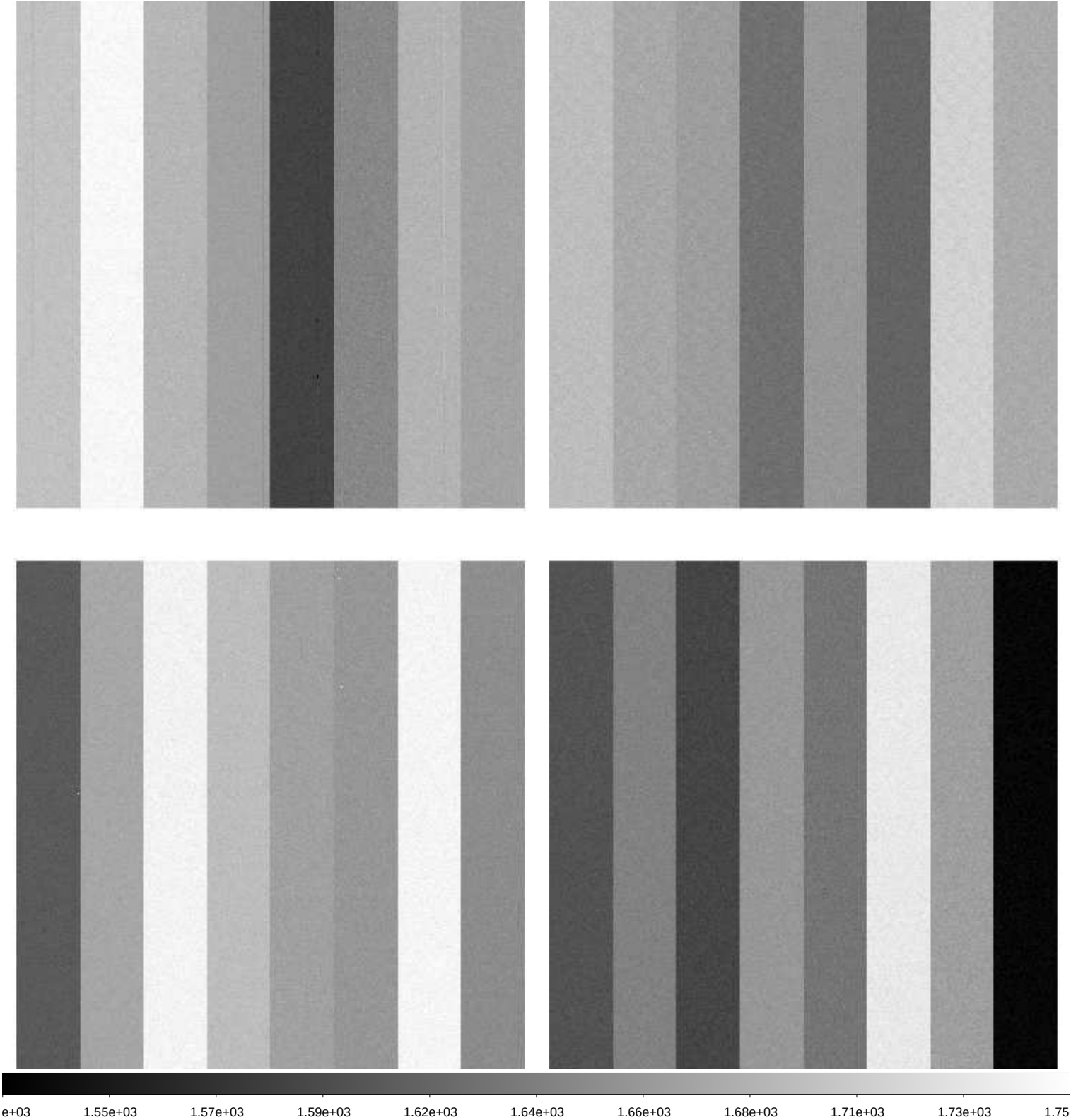
-90.0

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24

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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kmta.20260810.034149.fits

ALL

BIAS

dflat

12:59:28.130

-20:49:40.60

0

1.45

16:23:05

I

2026-08-10T09:09:44

-273.15

11 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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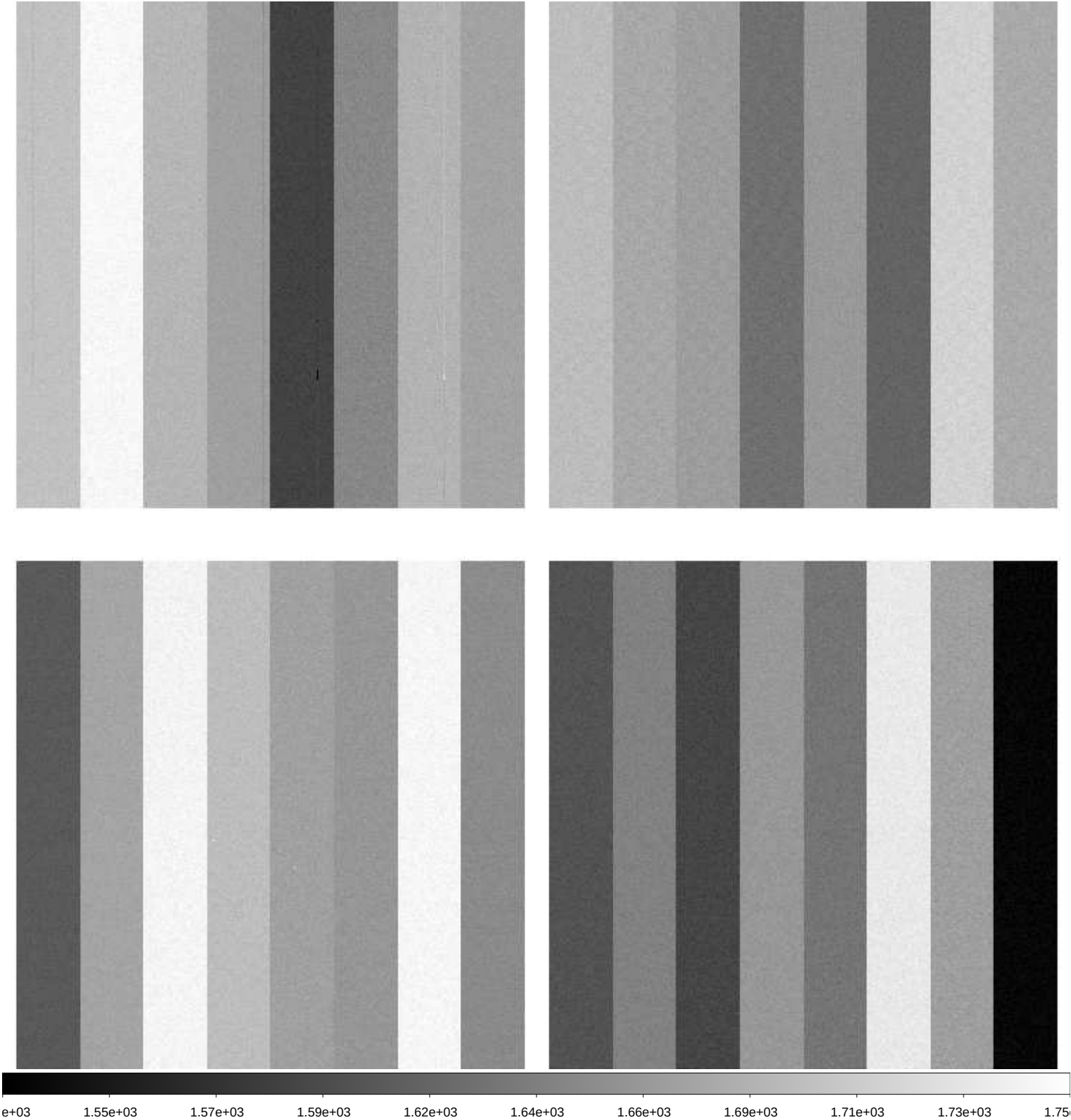
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43.5

-90.0

24

0.0



File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

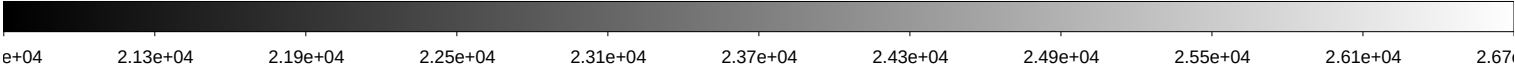
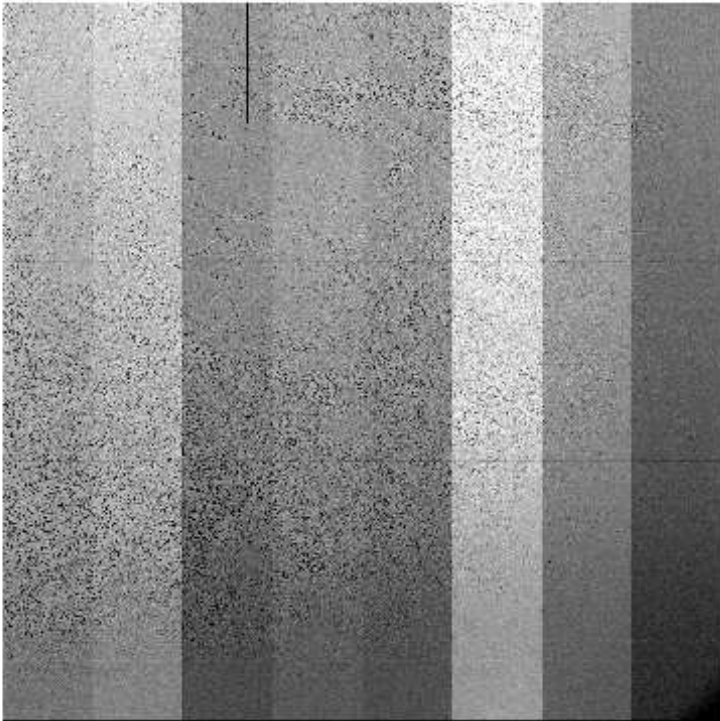
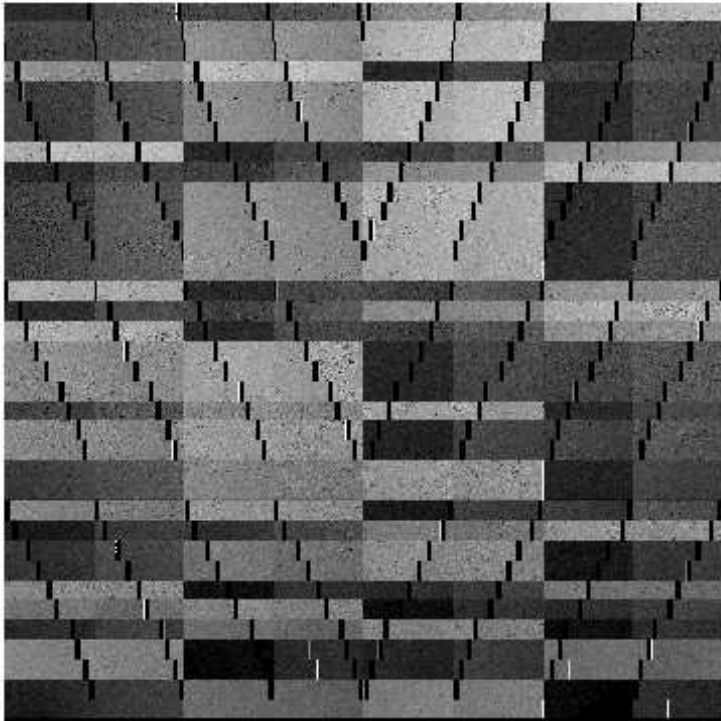
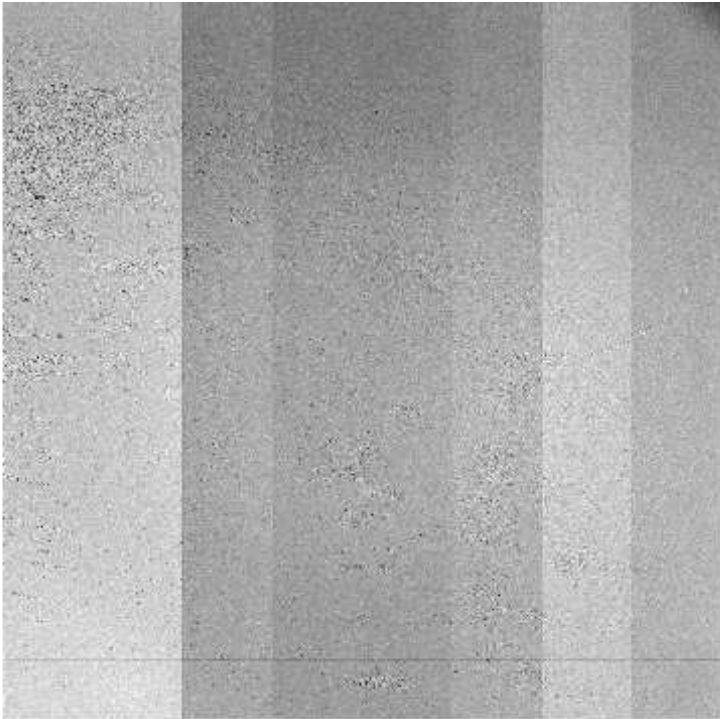
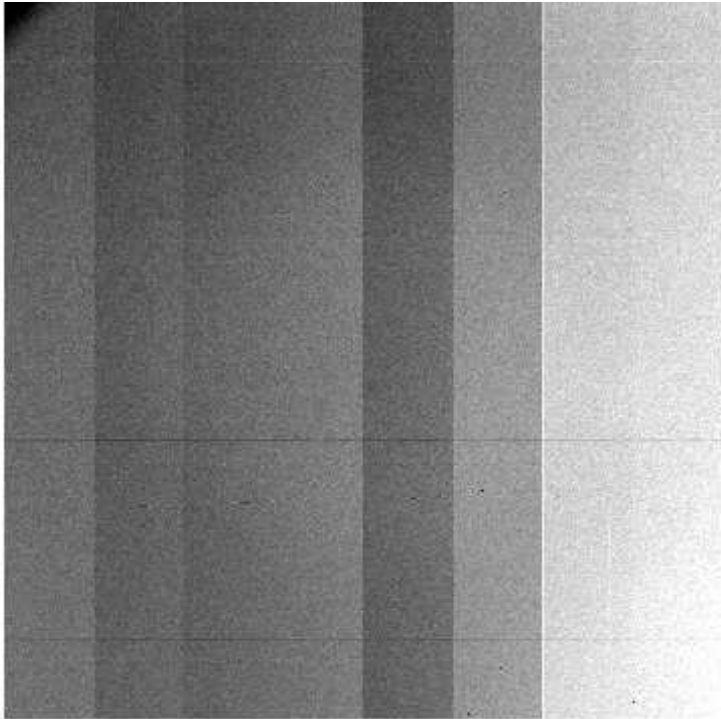
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kmta.20260810.034150.fits
ALL
FLAT
dflat
13:01:46.310
-20:49:40.60
10
1.45
16:25:23
I
2026-08-10T09:11:49
-273.15

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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43.5
-90.0
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24
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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kmta.20260810.034151.fits

ALL

FLAT

dflat

13:02:54.300

-20:49:40.60

10

1.45

16:26:31

I

2026-08-10T09:13:10

-273.15

13 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

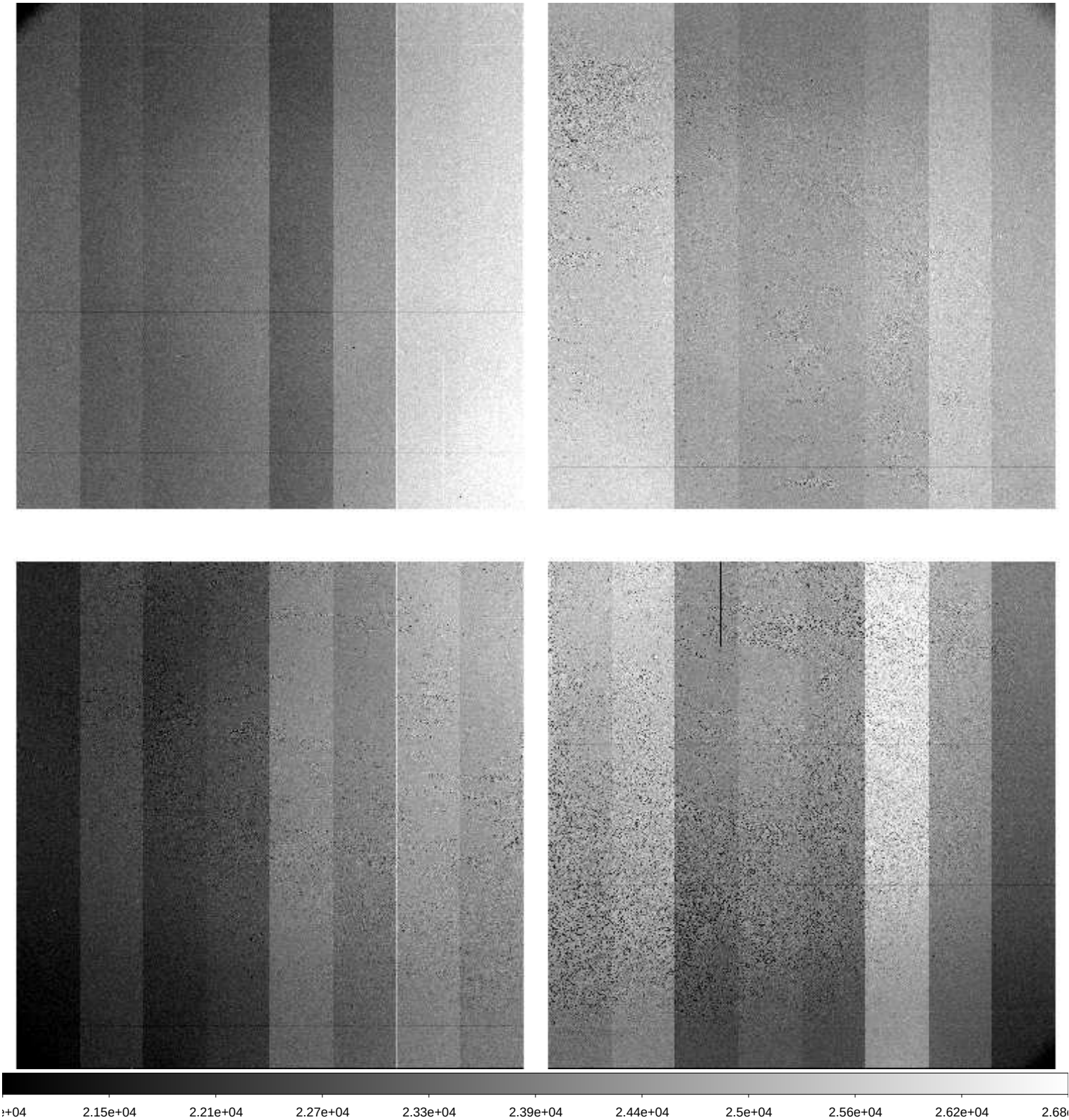
-90.0

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24

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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kmta.20260810.034152.fits

ALL

FLAT

dflat

13:04:14.720

-20:49:40.60

2.5

1.45

16:27:51

I

2026-08-10T09:14:30

-273.15

14 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

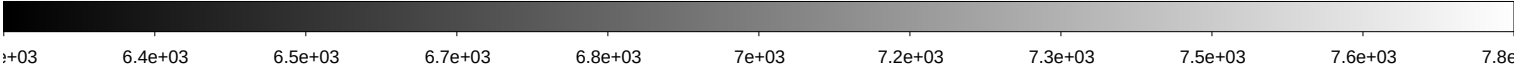
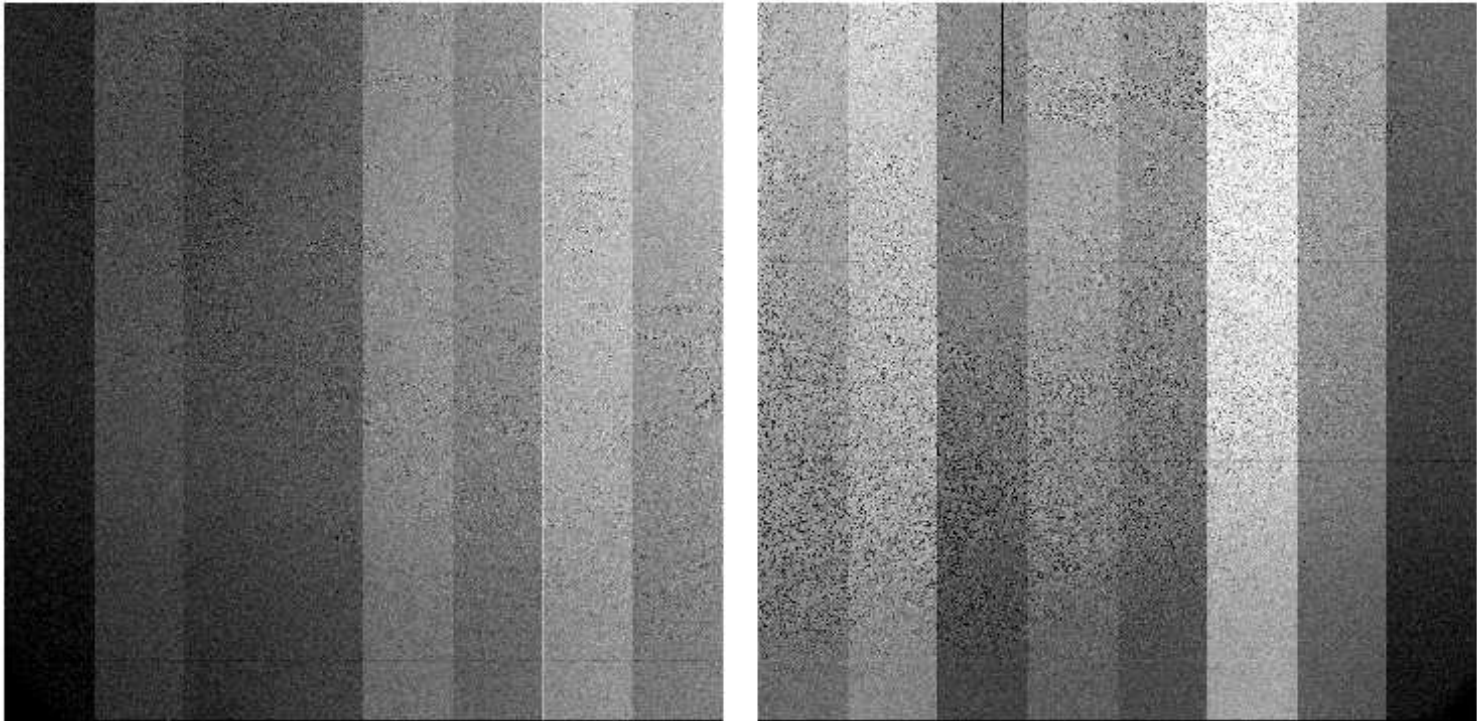
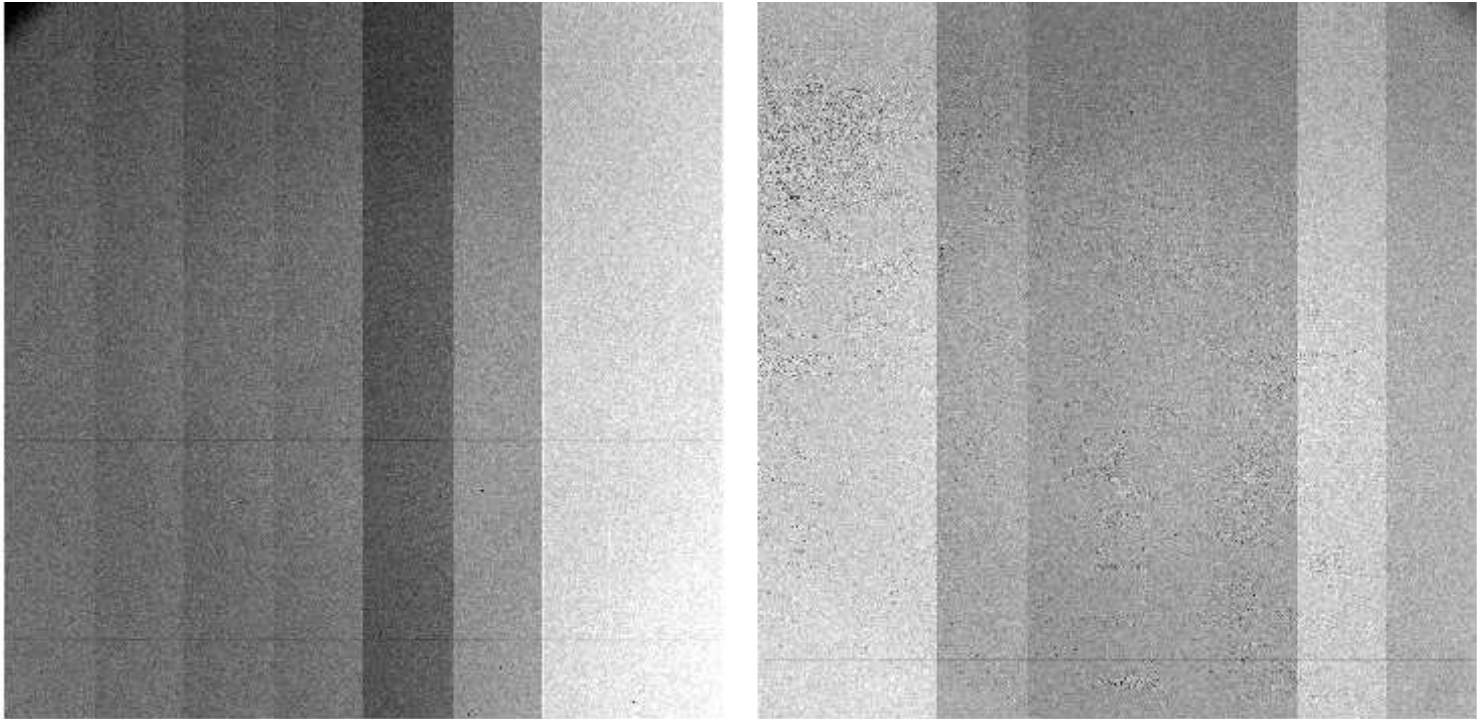
-90.0

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24

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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kmta.20260810.034153.fits

ALL

FLAT

dflat

13:05:32.930

-20:49:40.60

2.5

1.45

16:29:09

I

2026-08-10T09:15:35

-273.15

15 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

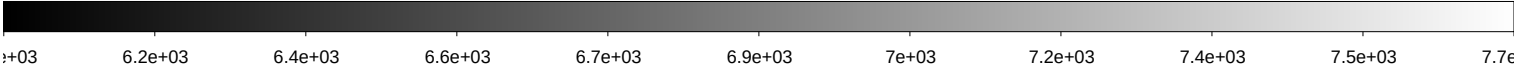
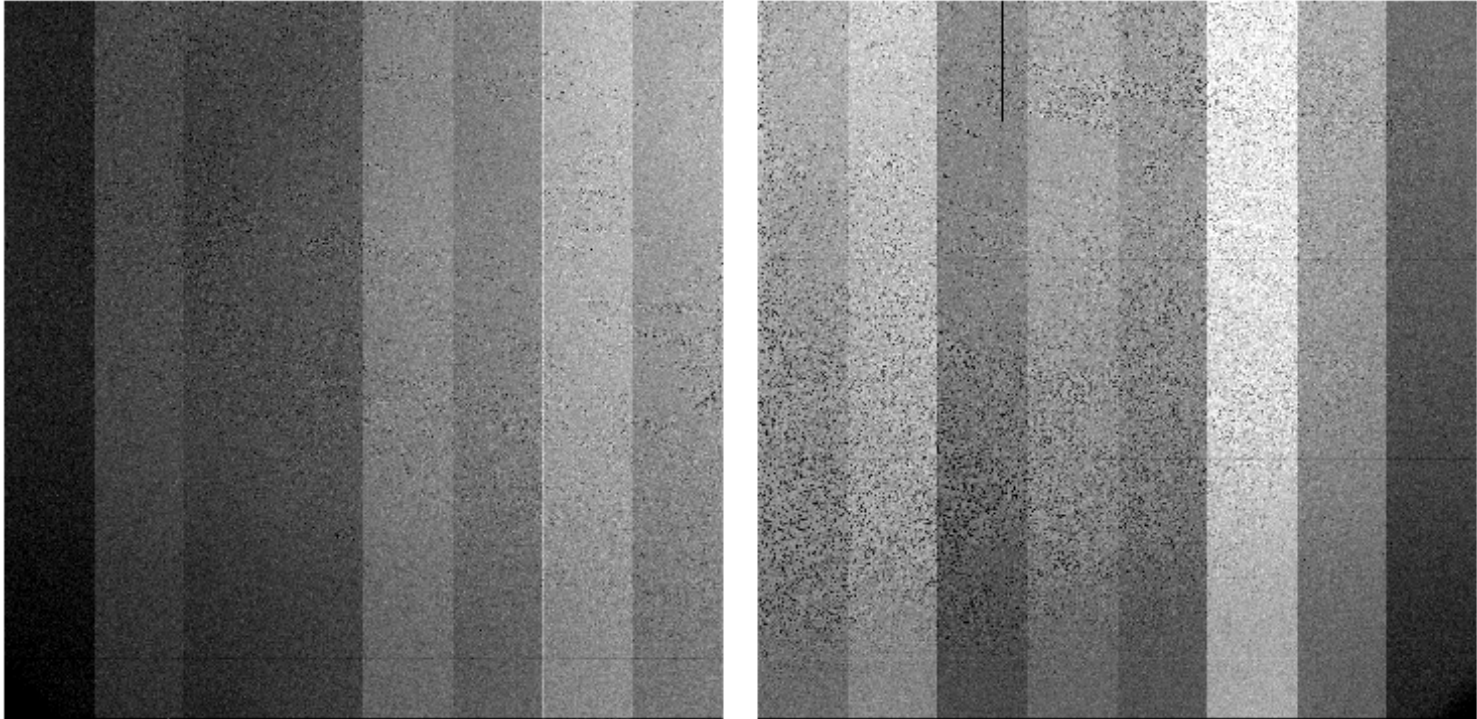
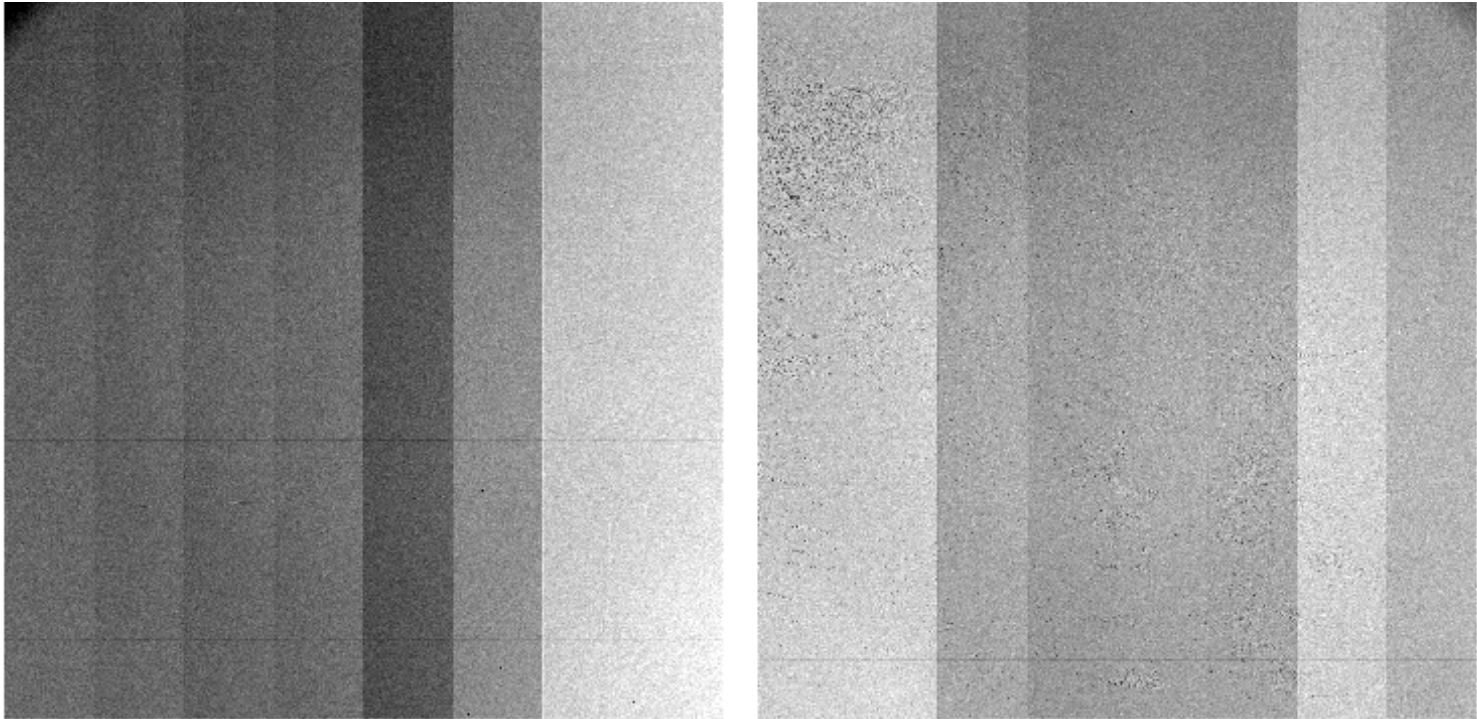
-90.0

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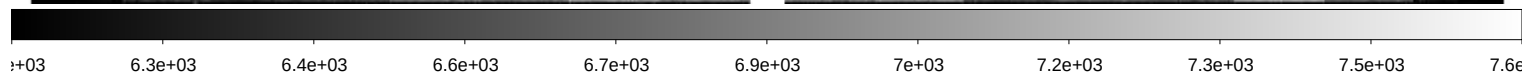
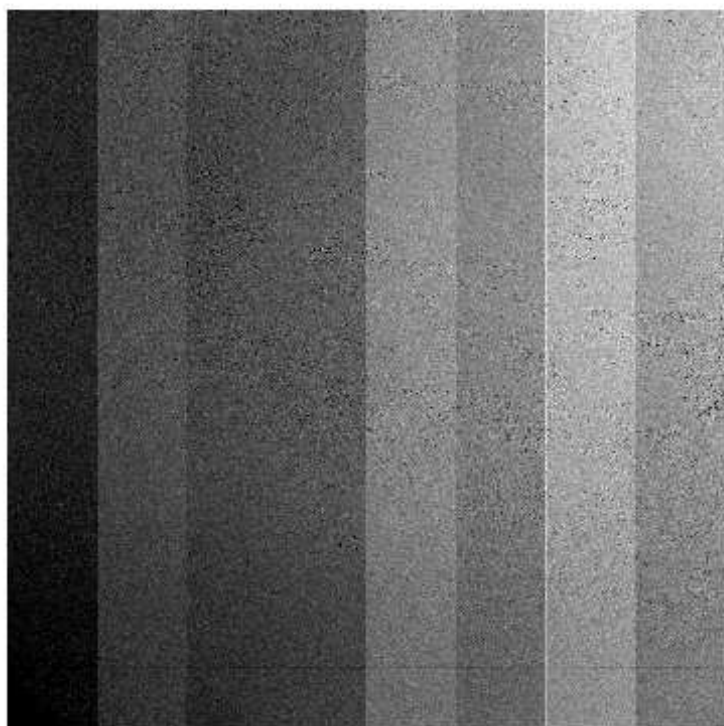
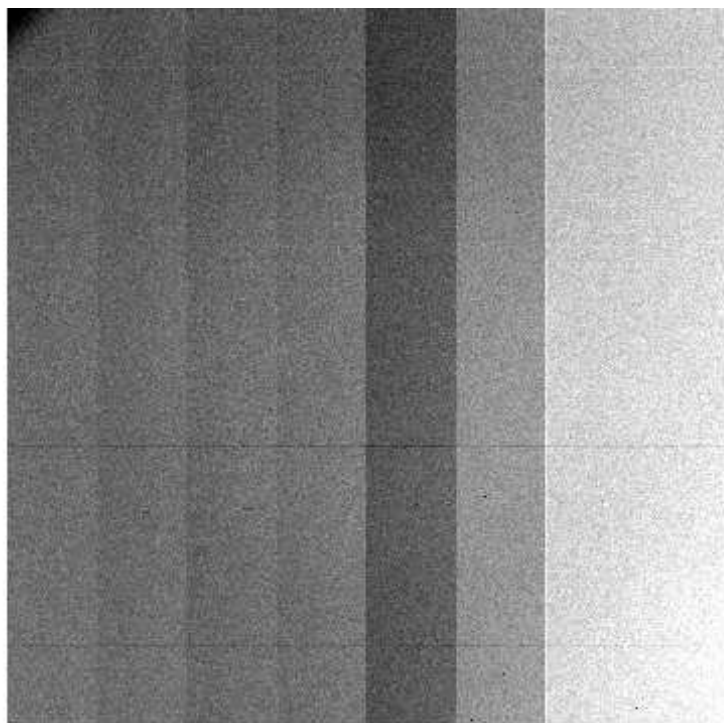
24

0.0



File Name	:	kmta.20260810.034154.fits	# 16 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	13:06:40.110	
DEC	:	-20:49:40.70	
Exposure Time	:	2.5	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	16:30:17	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T09:16:42	Weather
CCD Temperature	:	-273.15	Moon Effect

16 / 77



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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kmta.20260810.034155.fits

ALL

FLAT

dflat

13:07:47.090

-20:49:40.70

2.5

1.45

16:31:24

I

2026-08-10T09:17:49

-273.15

17 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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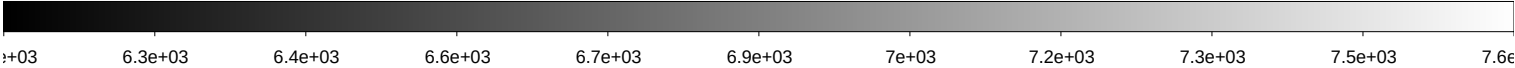
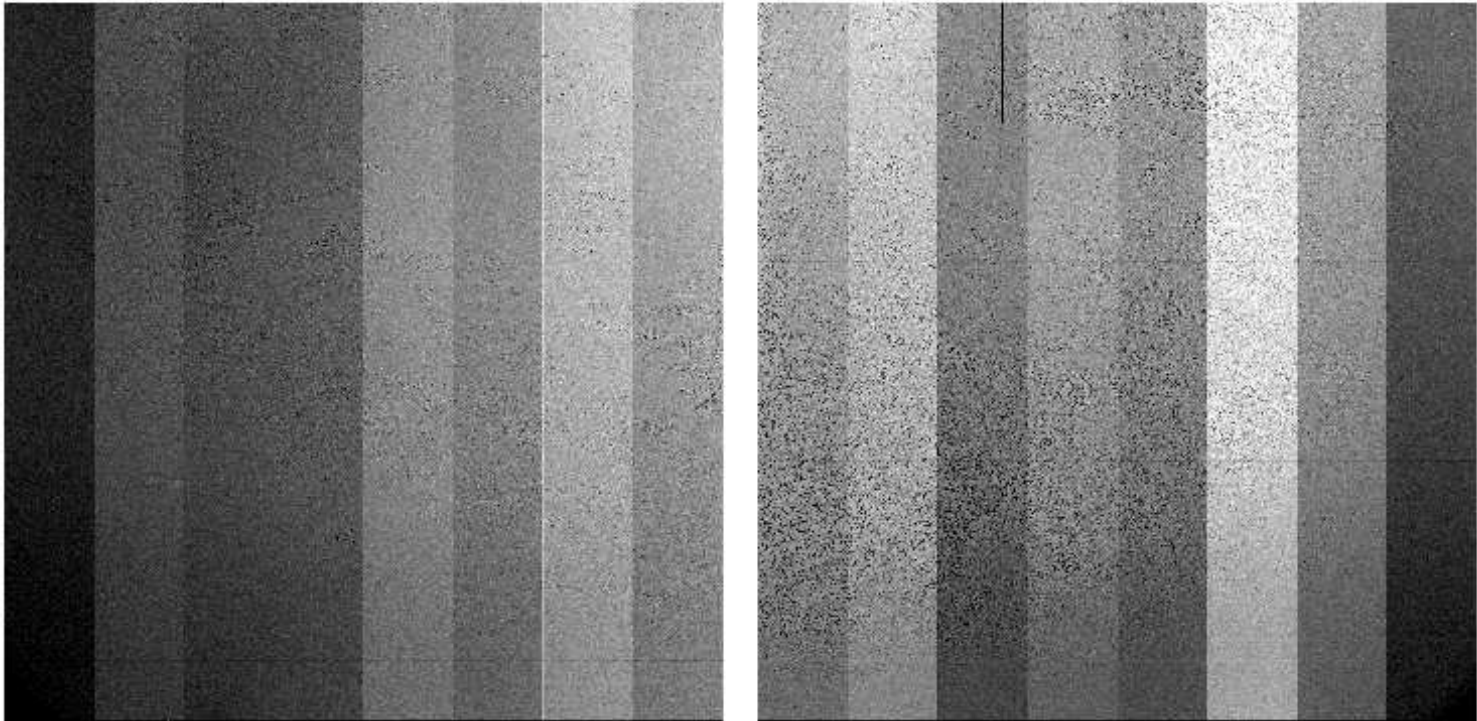
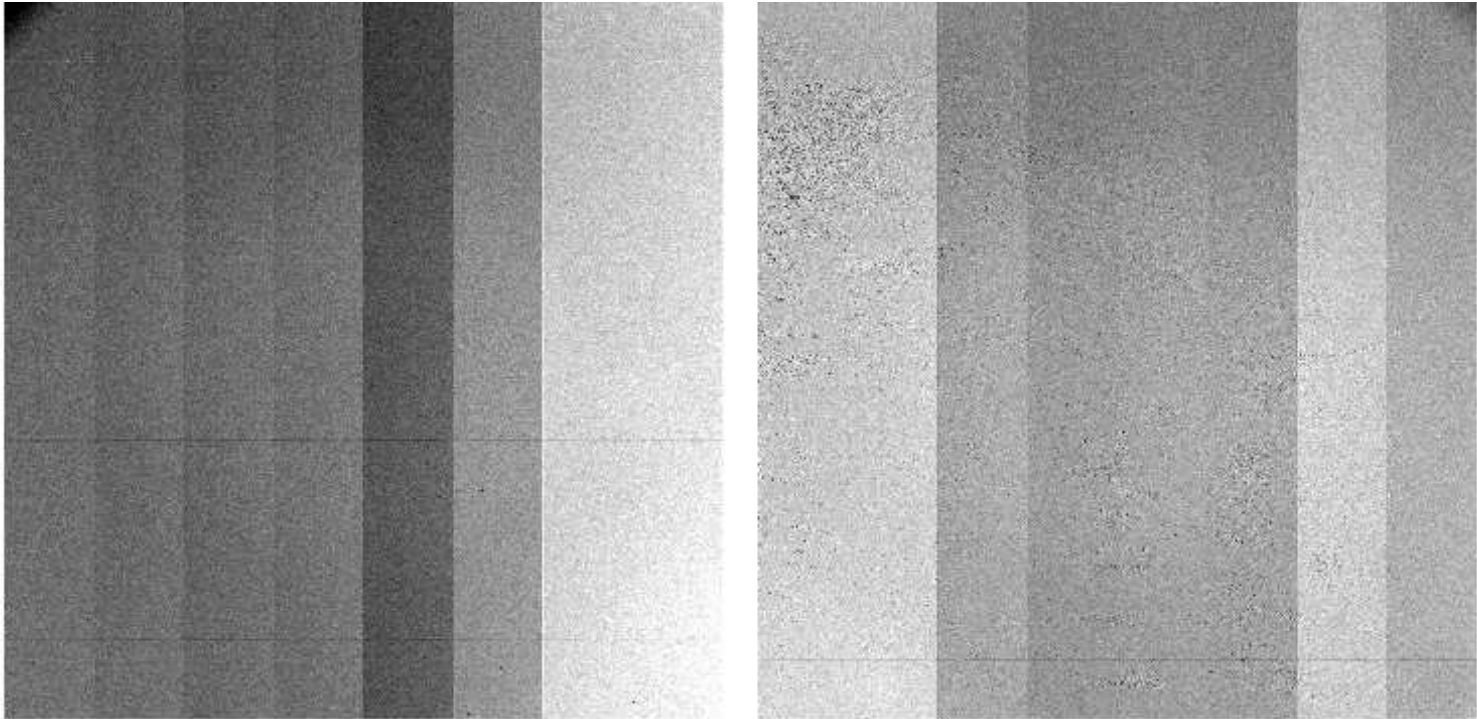
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43.5

-90.0

24

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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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kmta.20260810.034156.fits

ALL

FLAT

dflat

13:08:49.060

-20:49:40.80

2.5

1.45

16:32:26

I

2026-08-10T09:19:04

-273.15

18 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

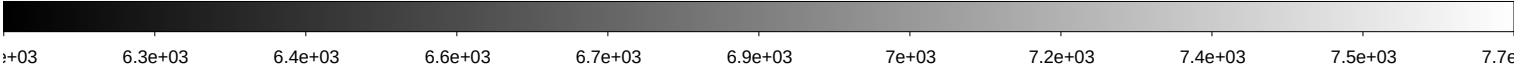
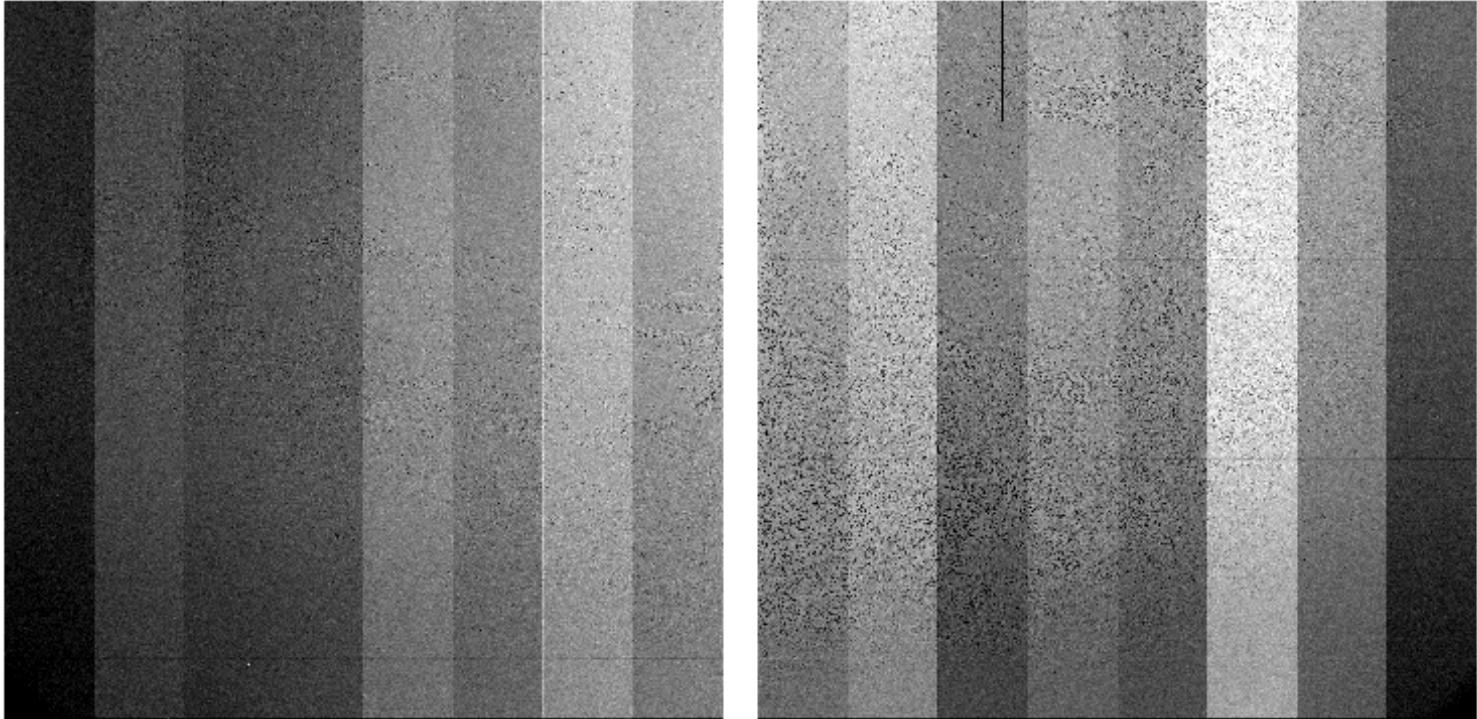
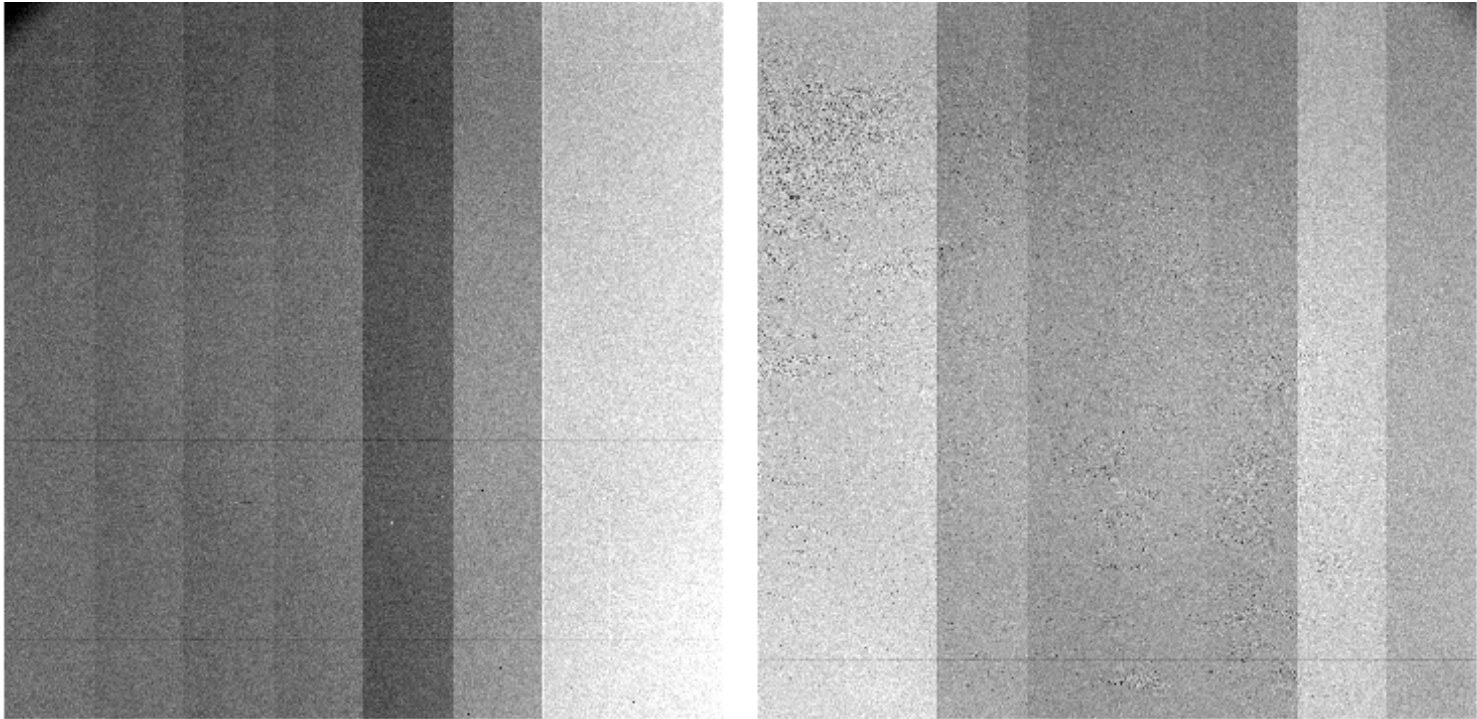
-90.0

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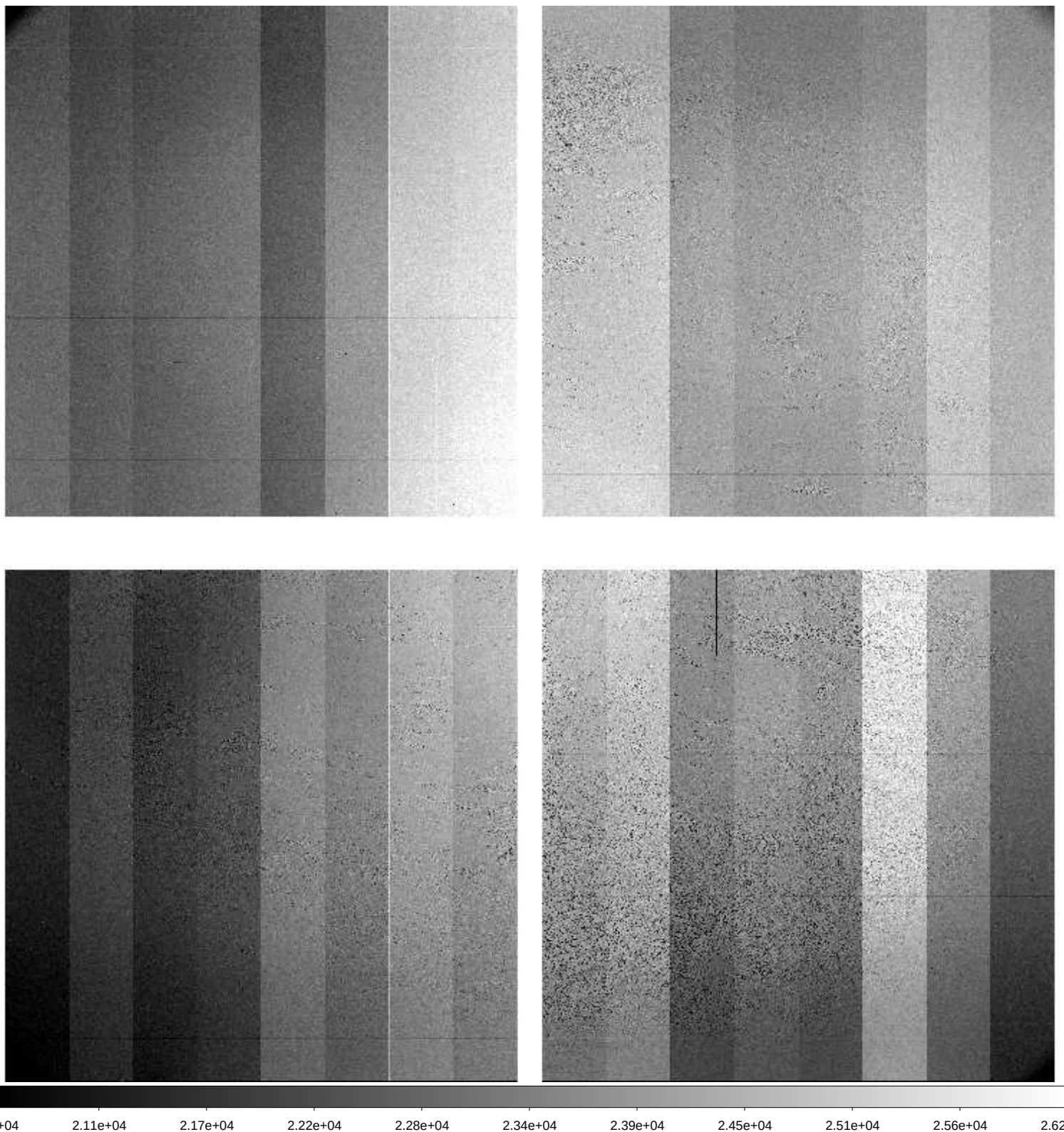
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24

0.0



File Name	:	kmta.20260810.034157.fits	# 19 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	13:10:04.270	
DEC	:	-20:49:40.80	
Exposure Time	:	10	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	16:33:41	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T09:20:19	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

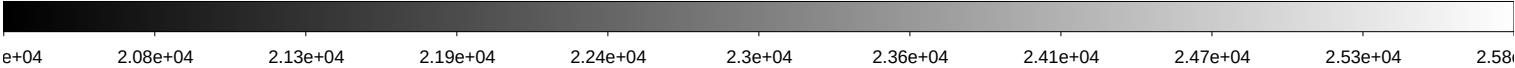
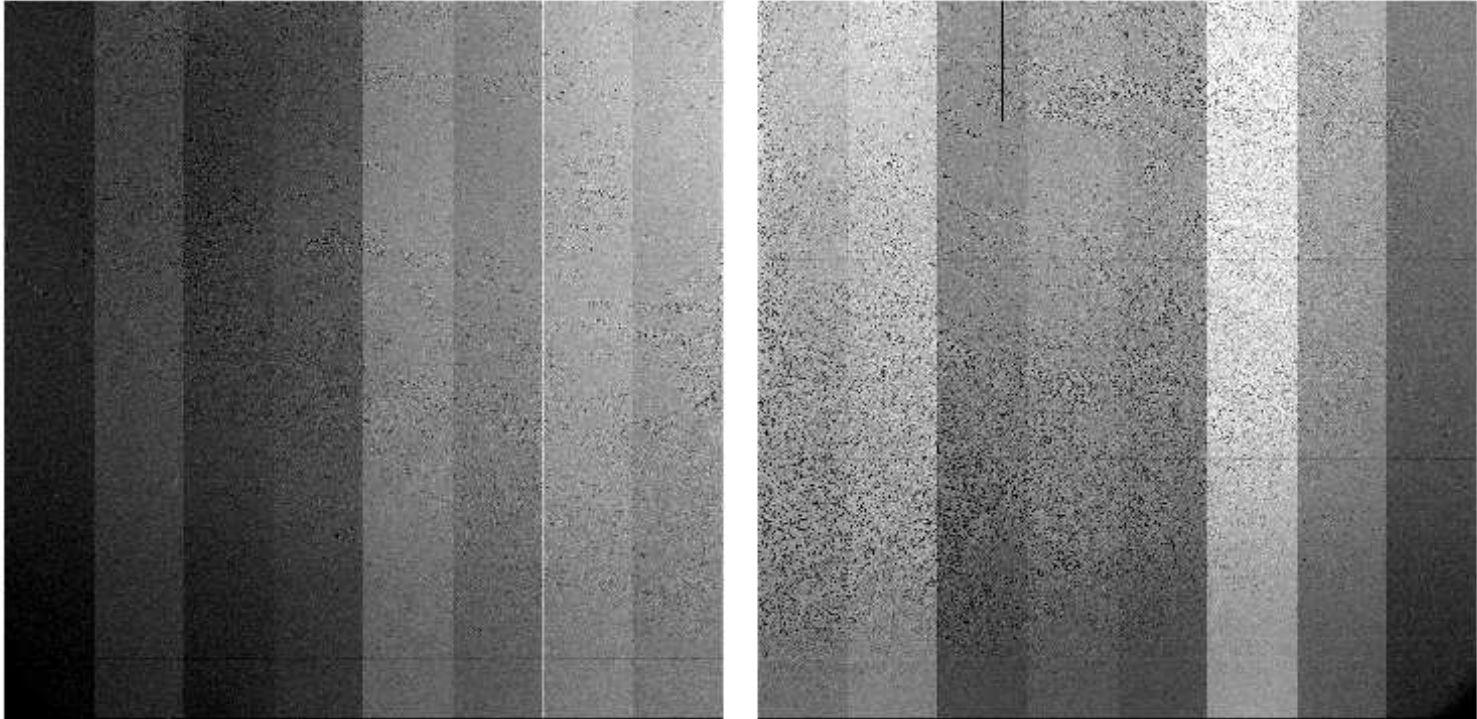
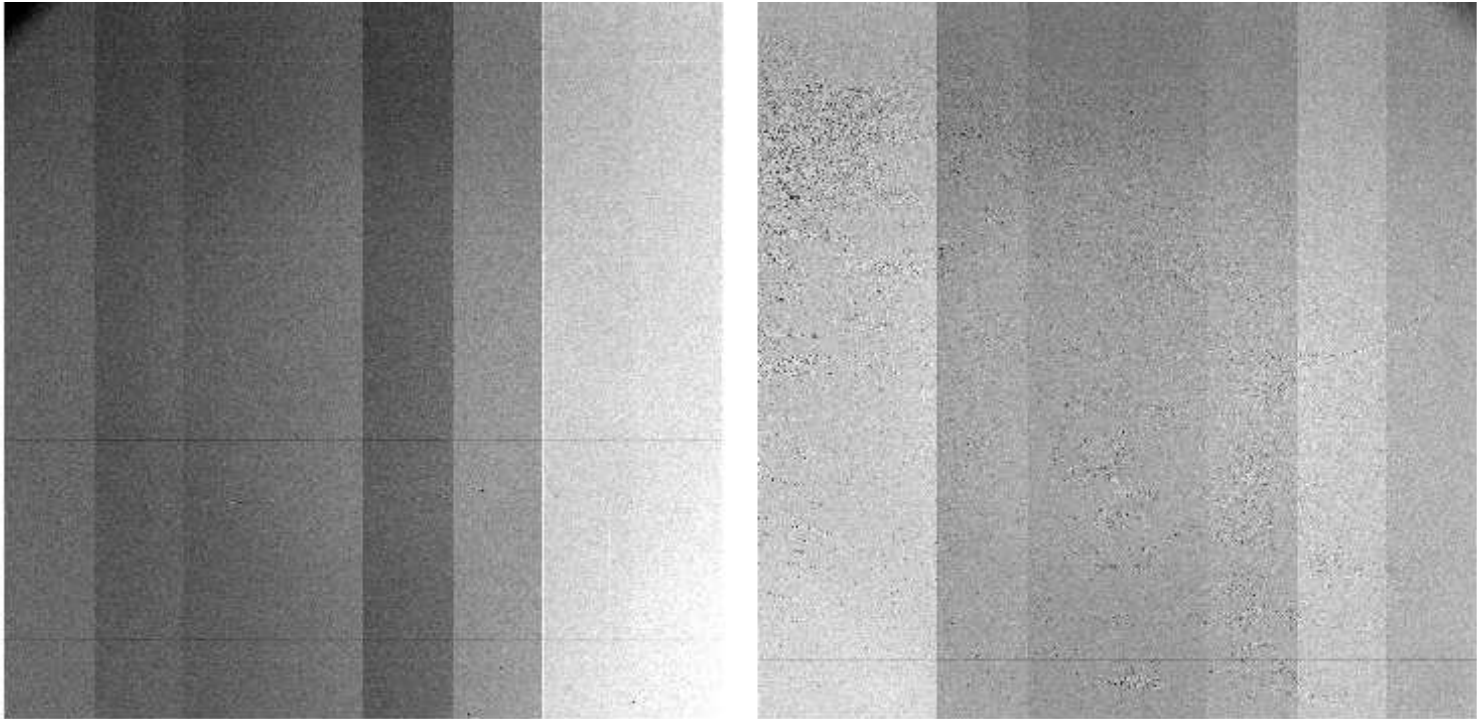
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kmta.20260810.034158.fits
ALL
FLAT
dflat
13:11:26.890
-20:49:40.80
10
1.45
16:35:03
I
2026-08-10T09:21:28
-273.15

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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43.5
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24
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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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kmta.20260810.034159.fits

ALL

FLAT

dflat

13:12:33.880

-20:49:40.90

5

1.45

16:36:10

I

2026-08-10T09:22:48

-273.15

21 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

43.5

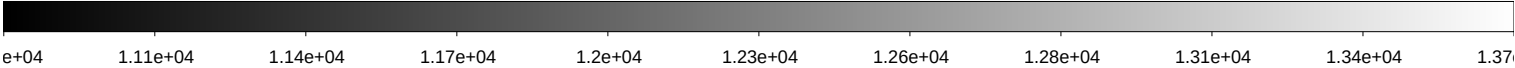
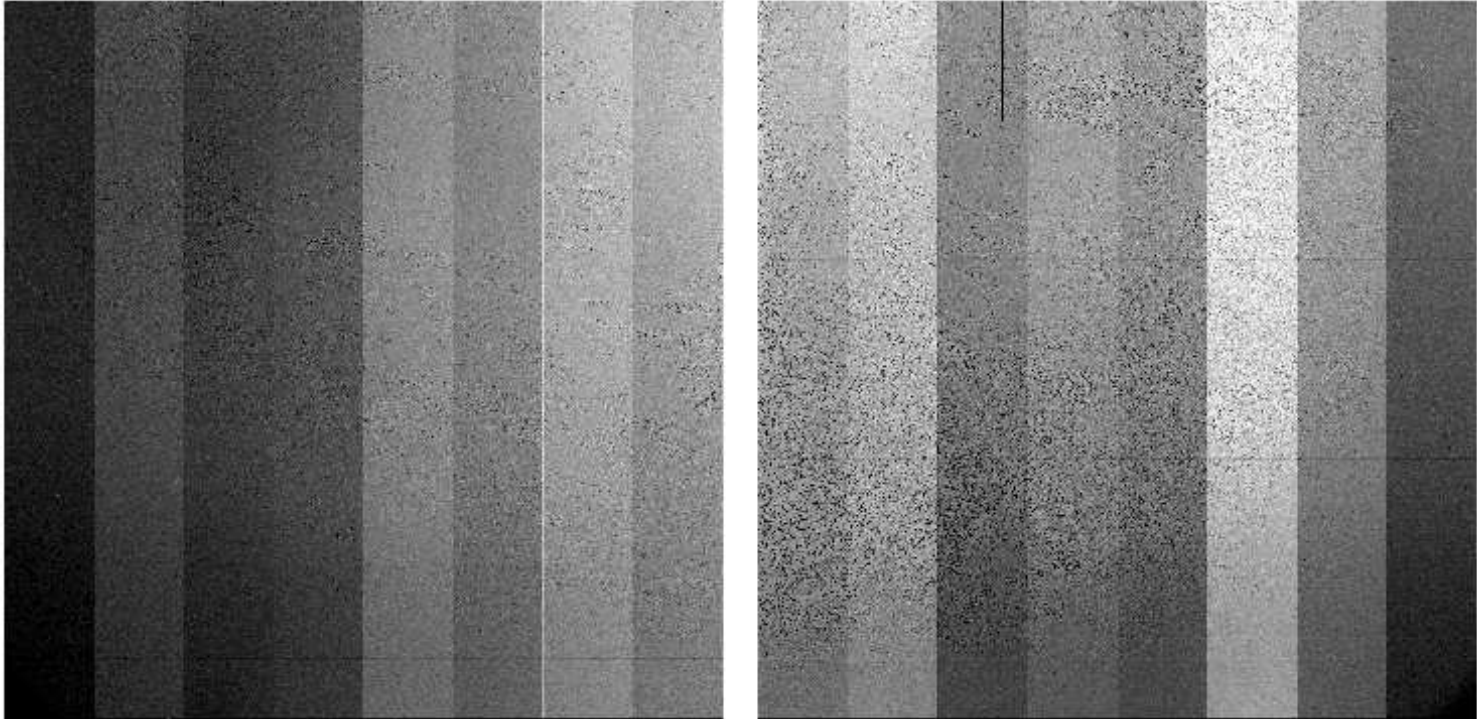
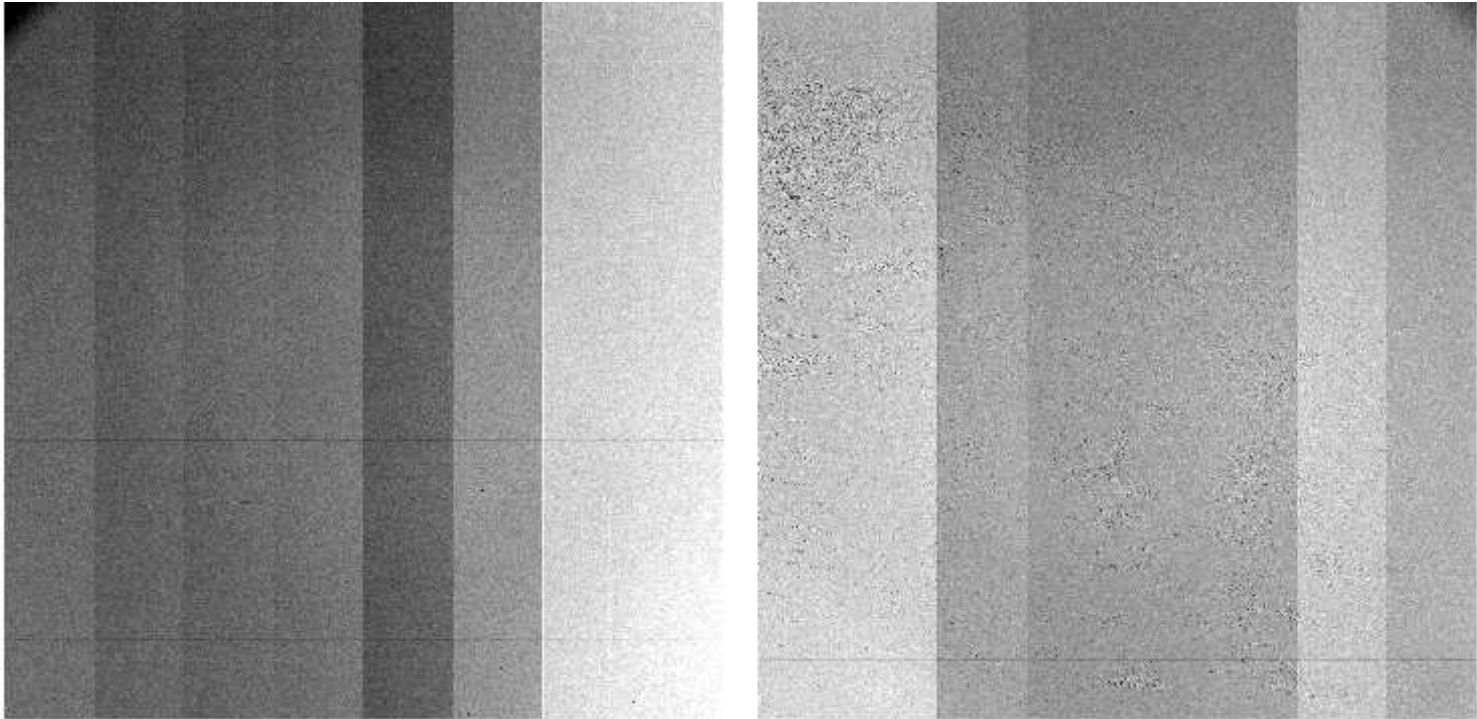
-90.0

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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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kmta.20260810.034160.fits

ALL

FLAT

dflat

13:13:50.290

-20:49:40.90

5

1.45

16:37:27

I

2026-08-10T09:23:51

-273.15

22 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

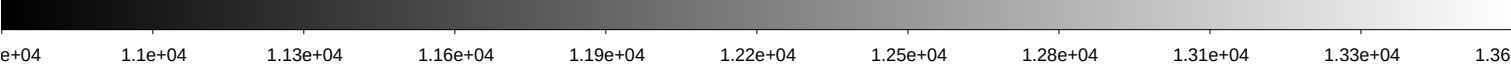
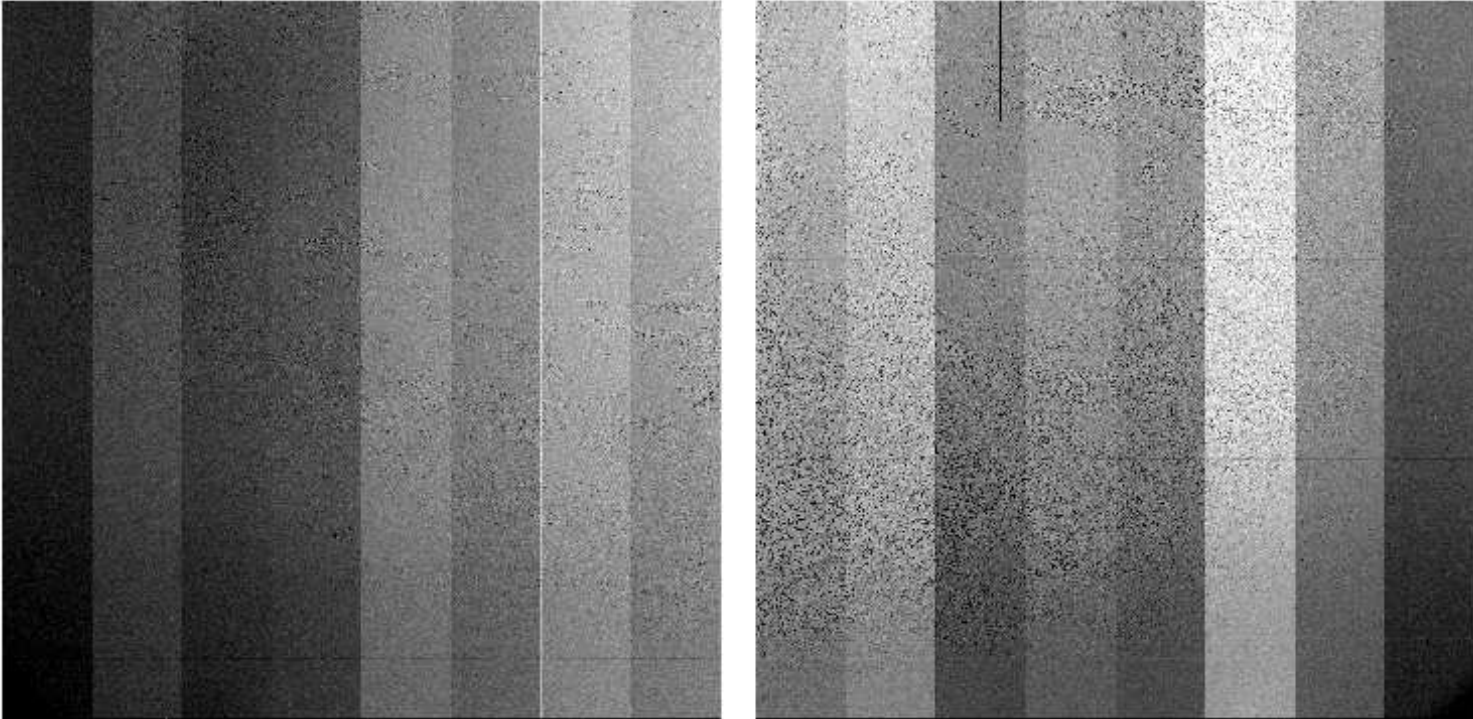
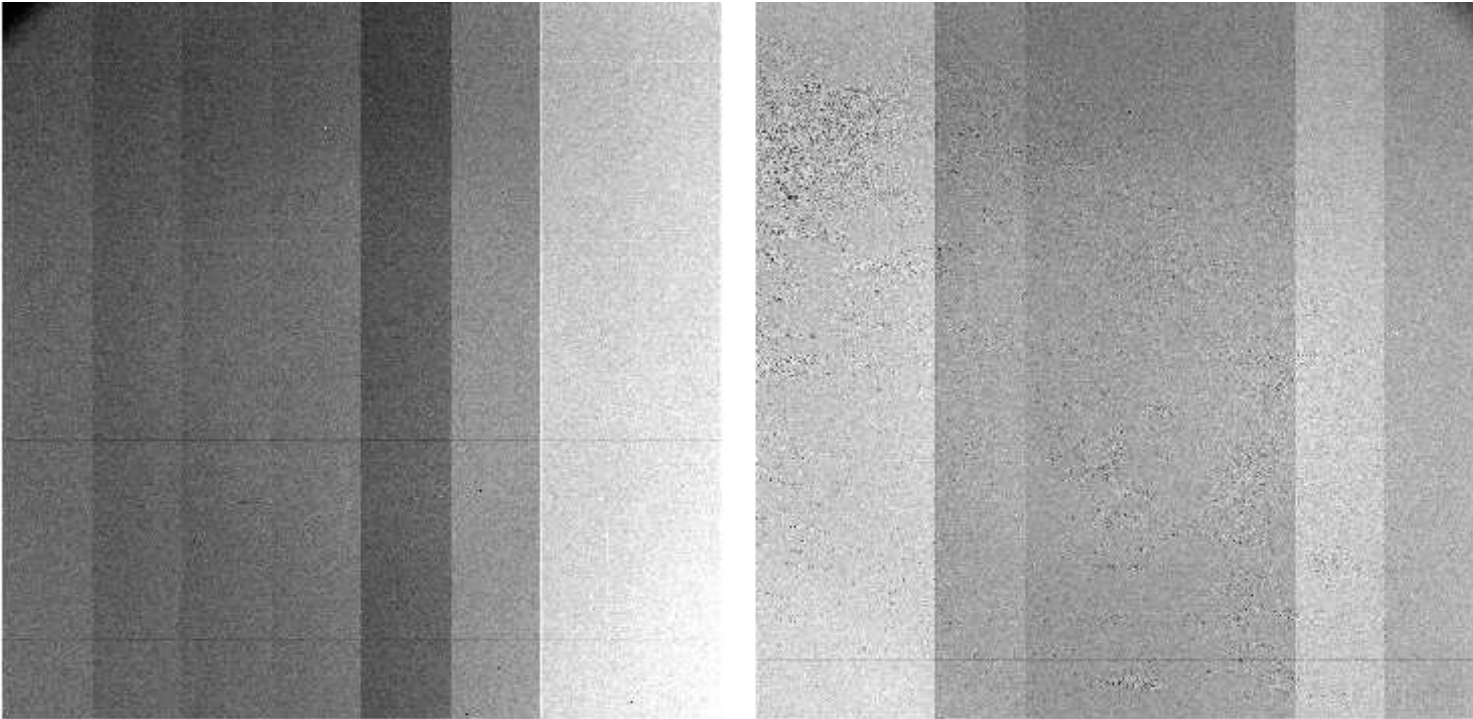
-90.0

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24

0.0



File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

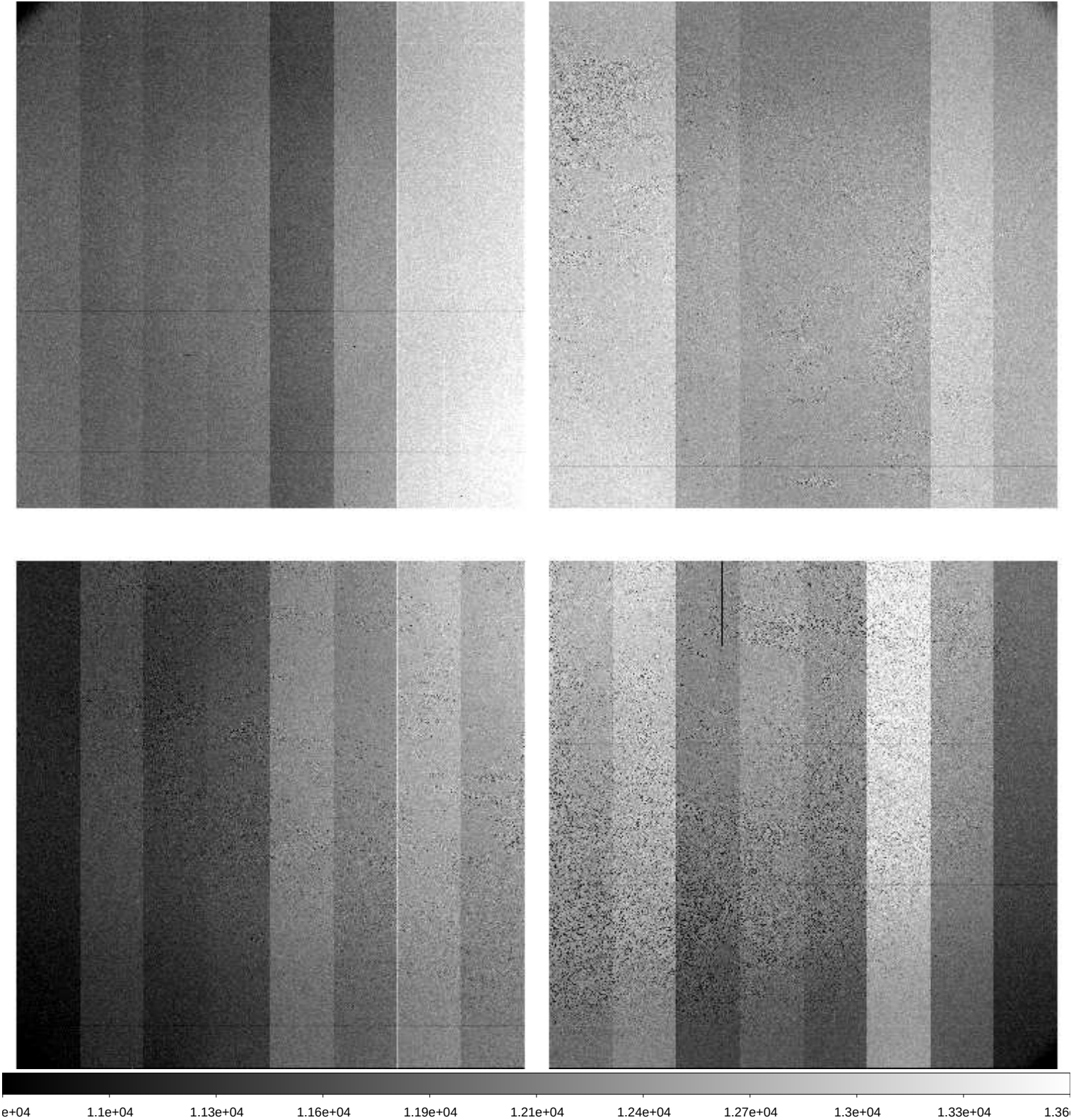
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kmta.20260810.034161.fits
ALL
FLAT
dflat
13:14:53.260
-20:49:41.00
5
1.45
16:38:30
I
2026-08-10T09:25:07
-273.15

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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43.5
-90.0
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24
0.0



File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

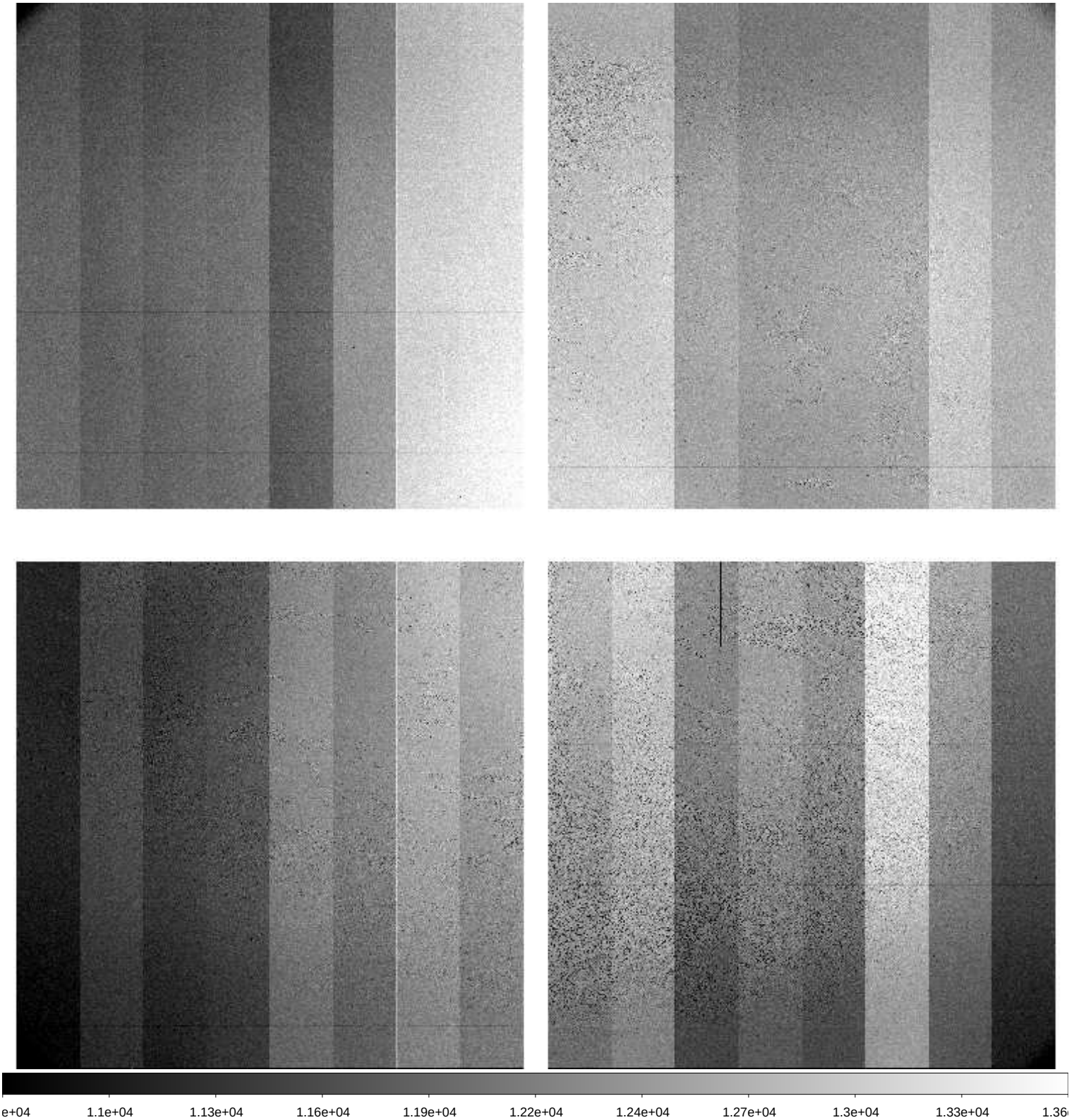
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kmta.20260810.034162.fits
ALL
FLAT
dflat
13:16:09.470
-20:49:41.00
5
1.45
16:39:46
I
2026-08-10T09:26:10
-273.15

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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43.5
-90.0
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24
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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kmta.20260810.034163.fits

ALL

FLAT

dflat

13:17:12.640

-20:49:41.00

5

1.45

16:40:49

I

2026-08-10T09:27:26

-273.15

25 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

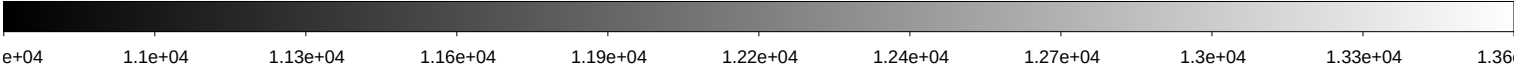
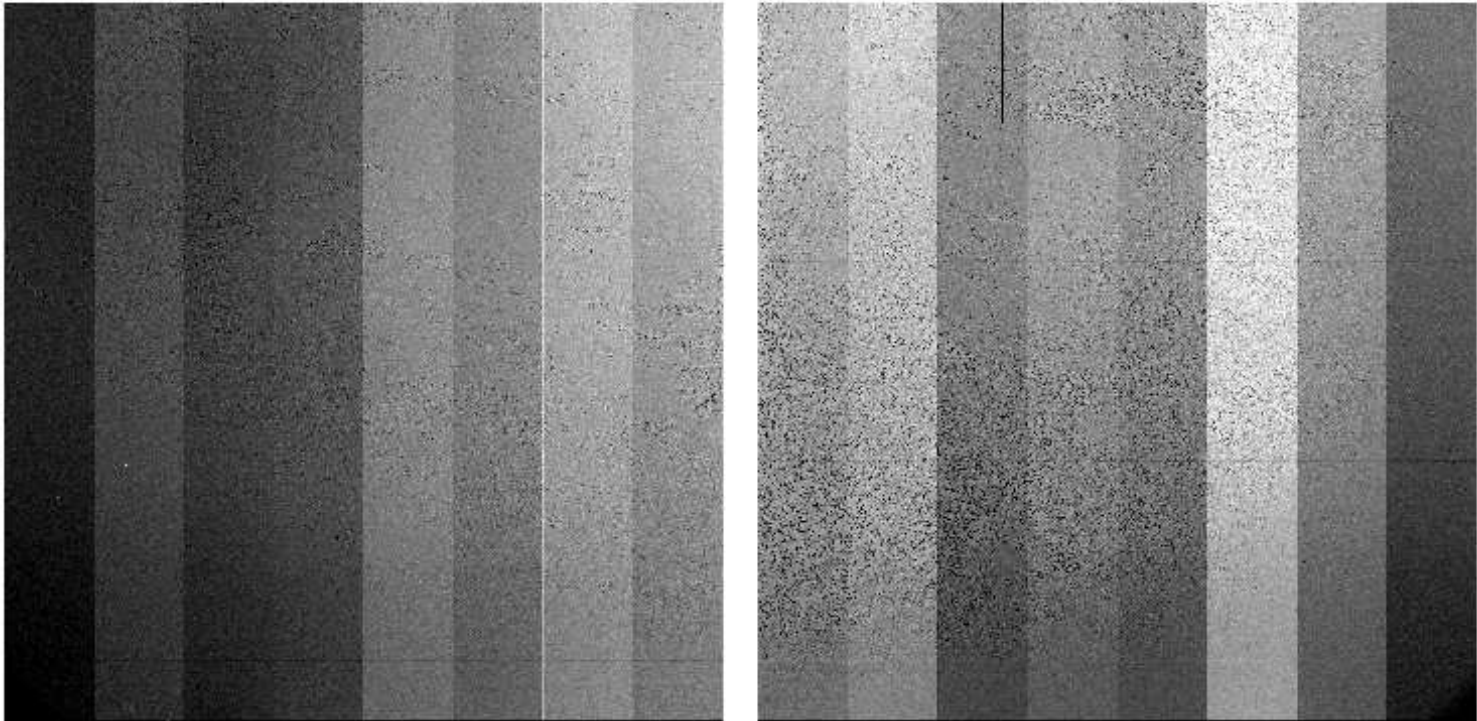
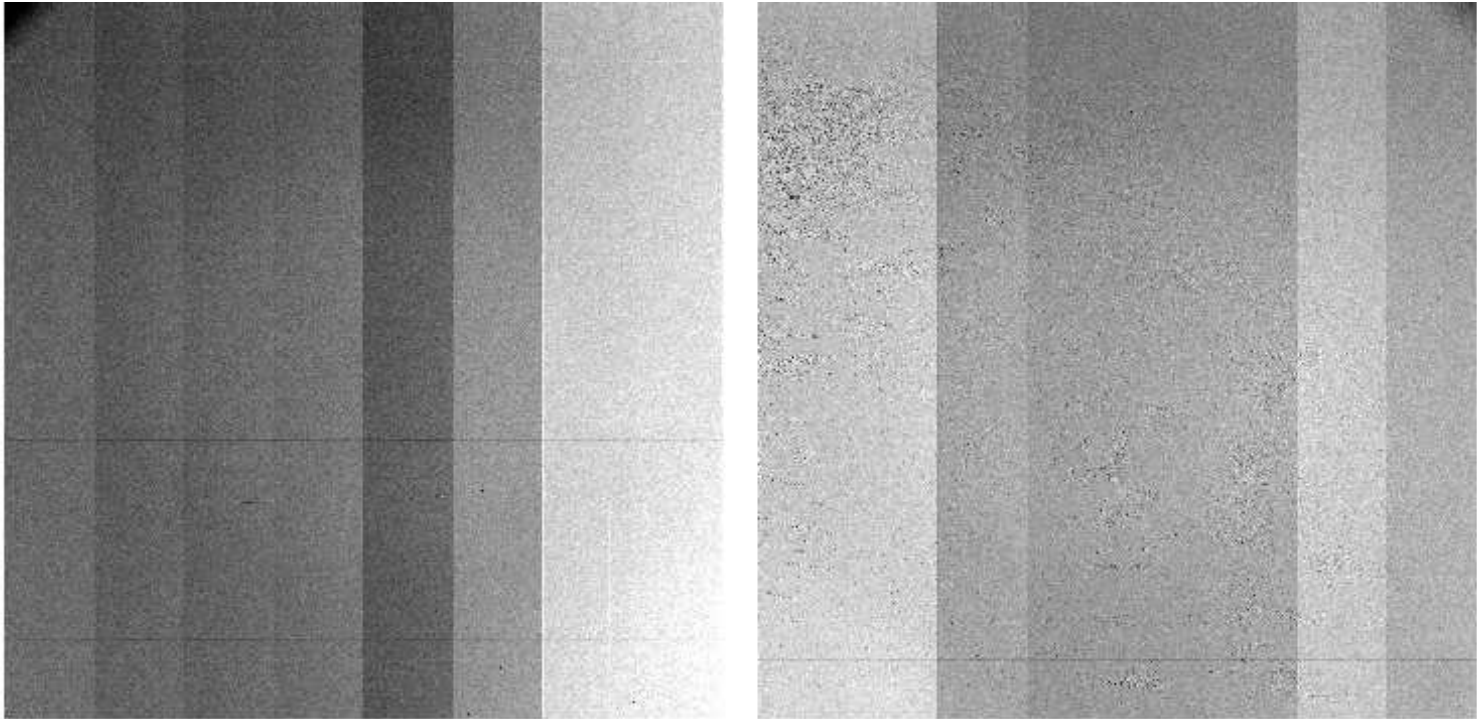
-90.0

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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

: kmta.20260810.034164.fits

: ALL

: FLAT

: dflat

: 13:18:28.850

: -20:49:41.10

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: 1.45

: 16:42:05

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: 2026-08-10T09:28:42

: -273.15

26 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 43.5

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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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kmta.20260810.034165.fits

ALL

FLAT

dflat

13:19:48.260

-20:49:41.10

10

1.45

16:43:25

I

2026-08-10T09:30:01

-273.15

27 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

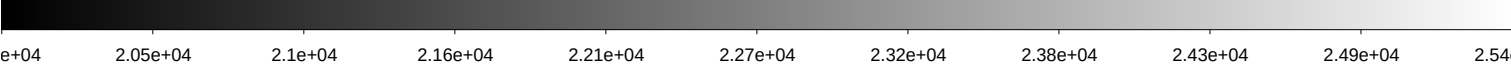
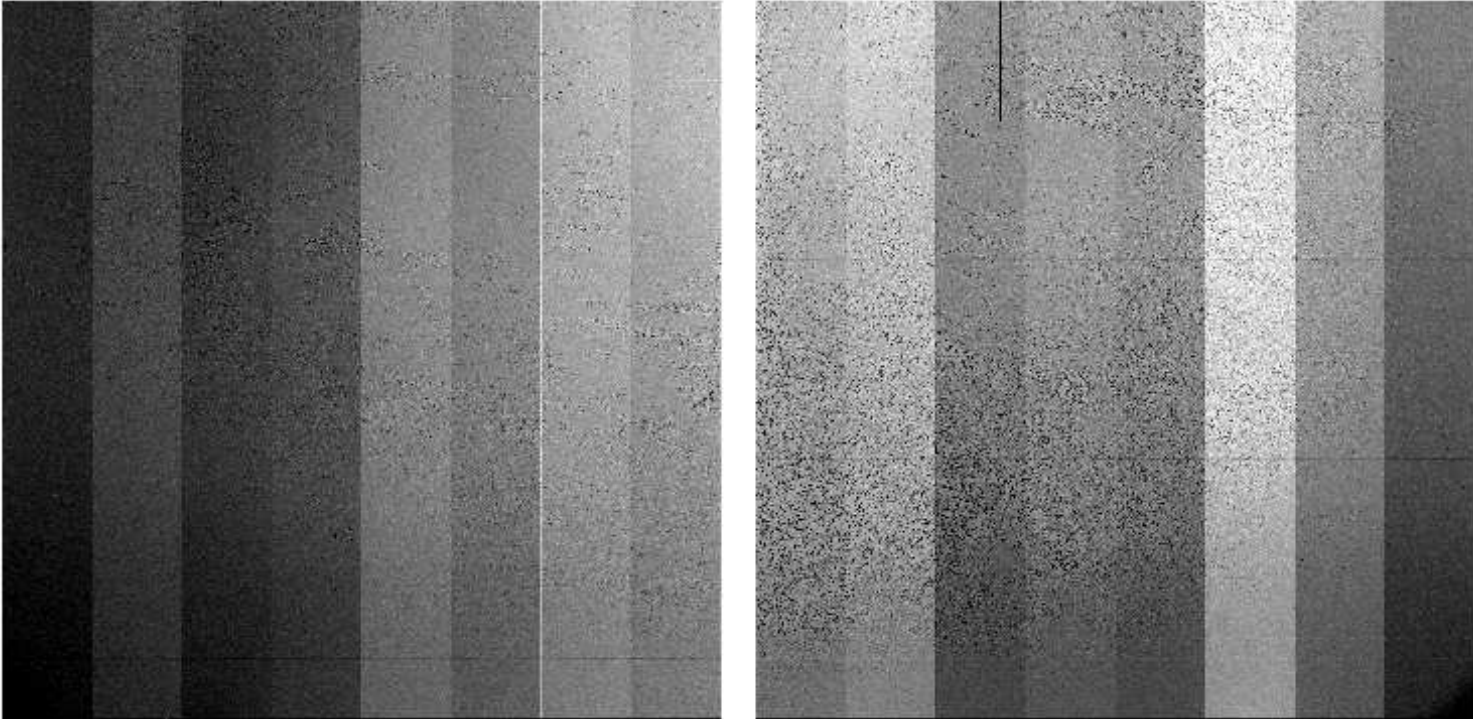
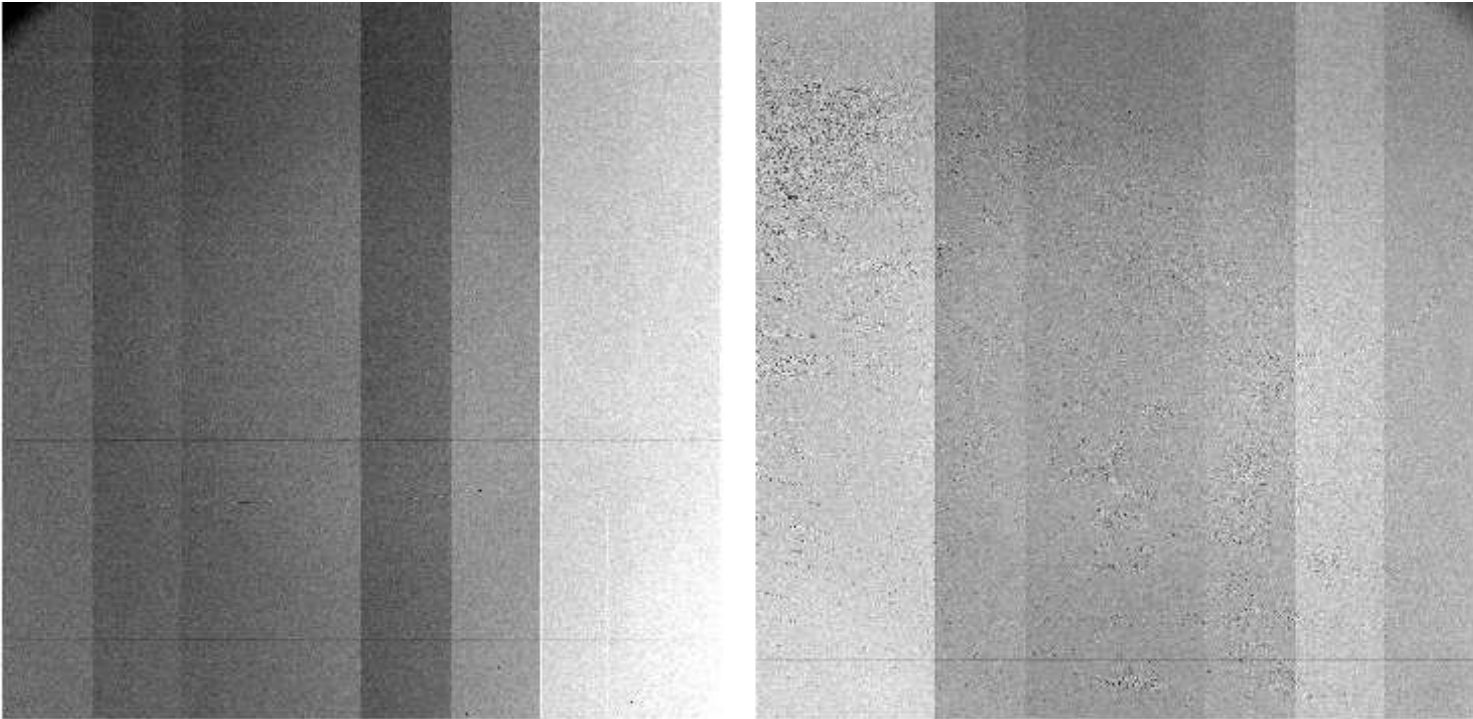
-90.0

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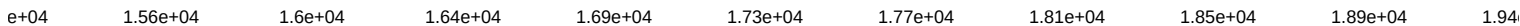
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24

0.0



ALT	:	43.5
AZ	:	-90.0
Image Issue	:	—
CHIP	:	—
Weather	:	24
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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kmta.20260810.034167.fits

ALL

FLAT

dflat

13:22:24.690

-20:49:41.20

7.5

1.45

16:46:01

I

2026-08-10T09:32:37

-273.15

29 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

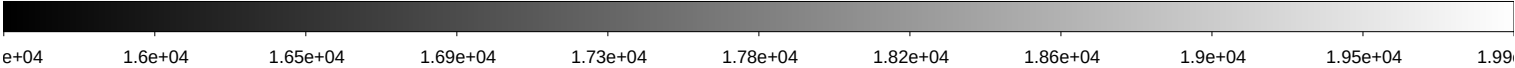
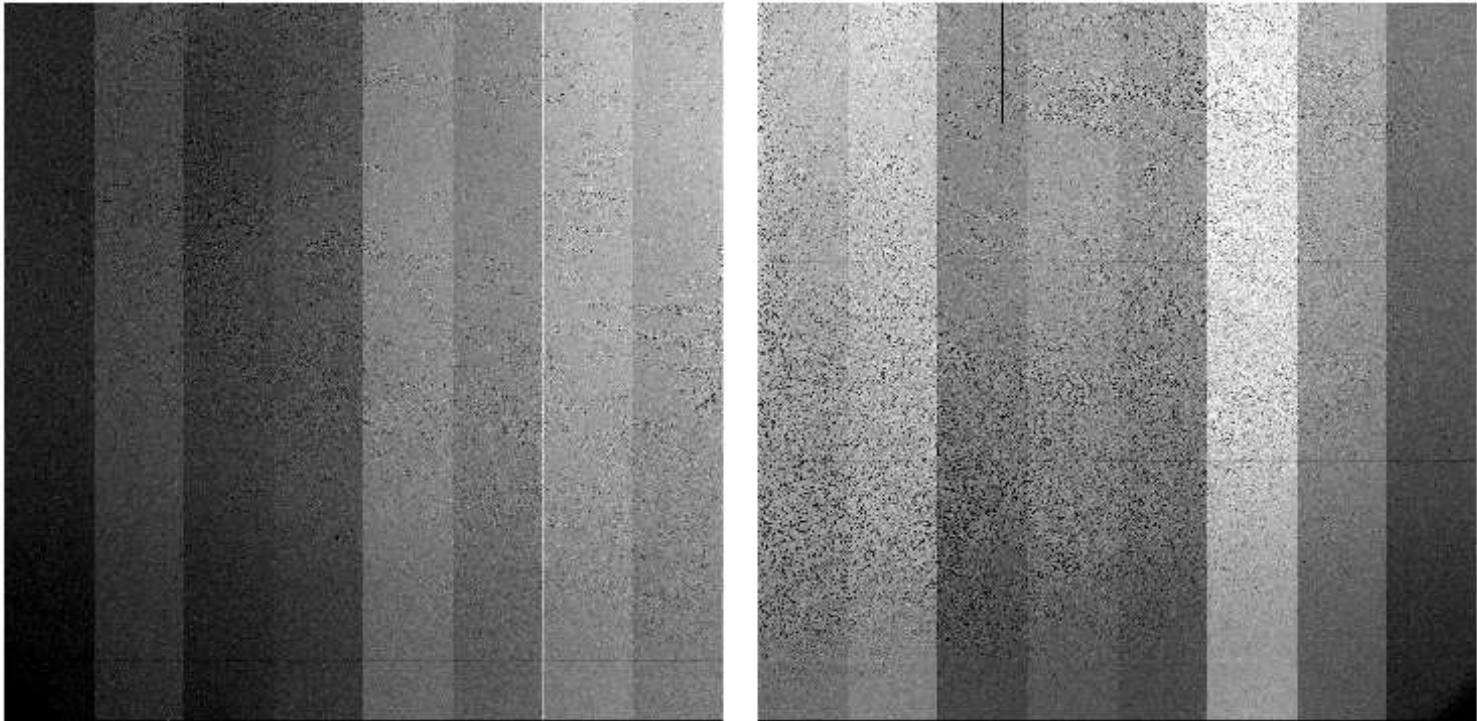
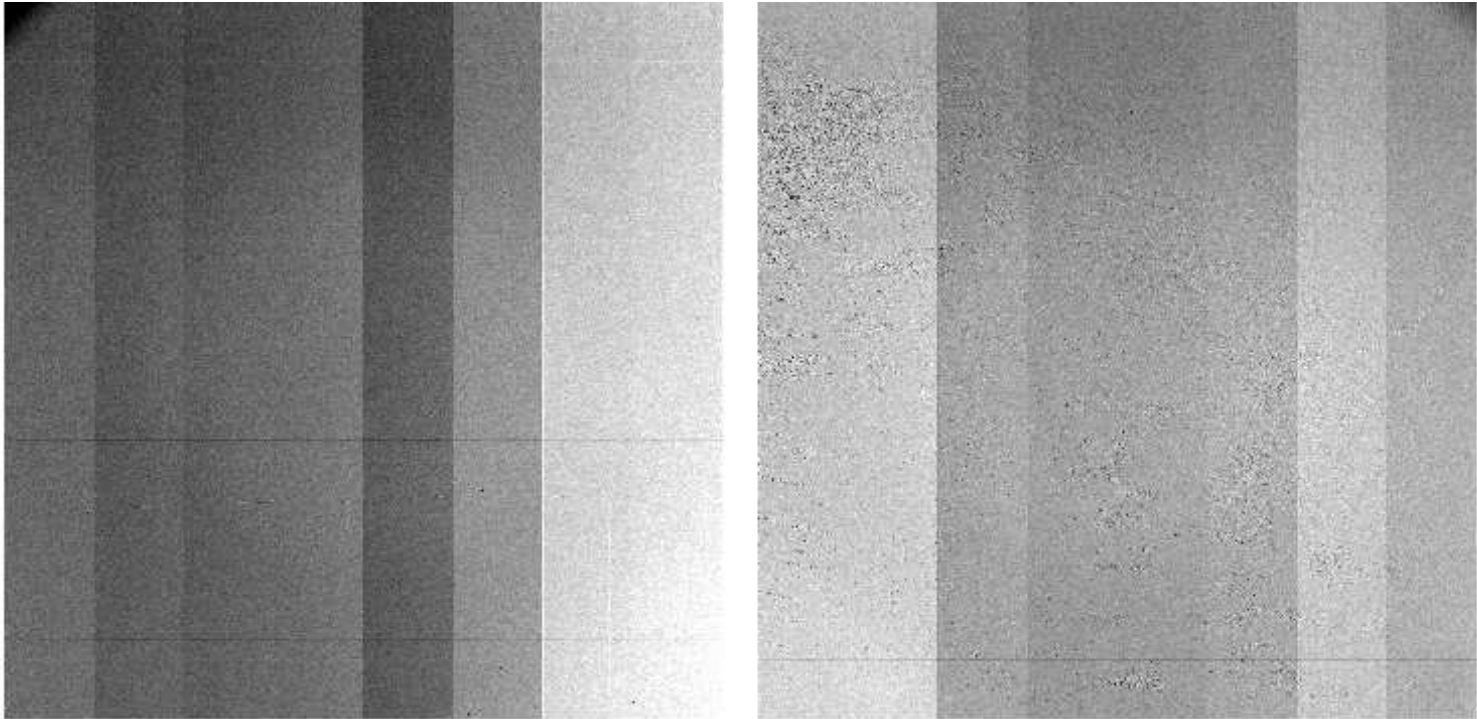
-90.0

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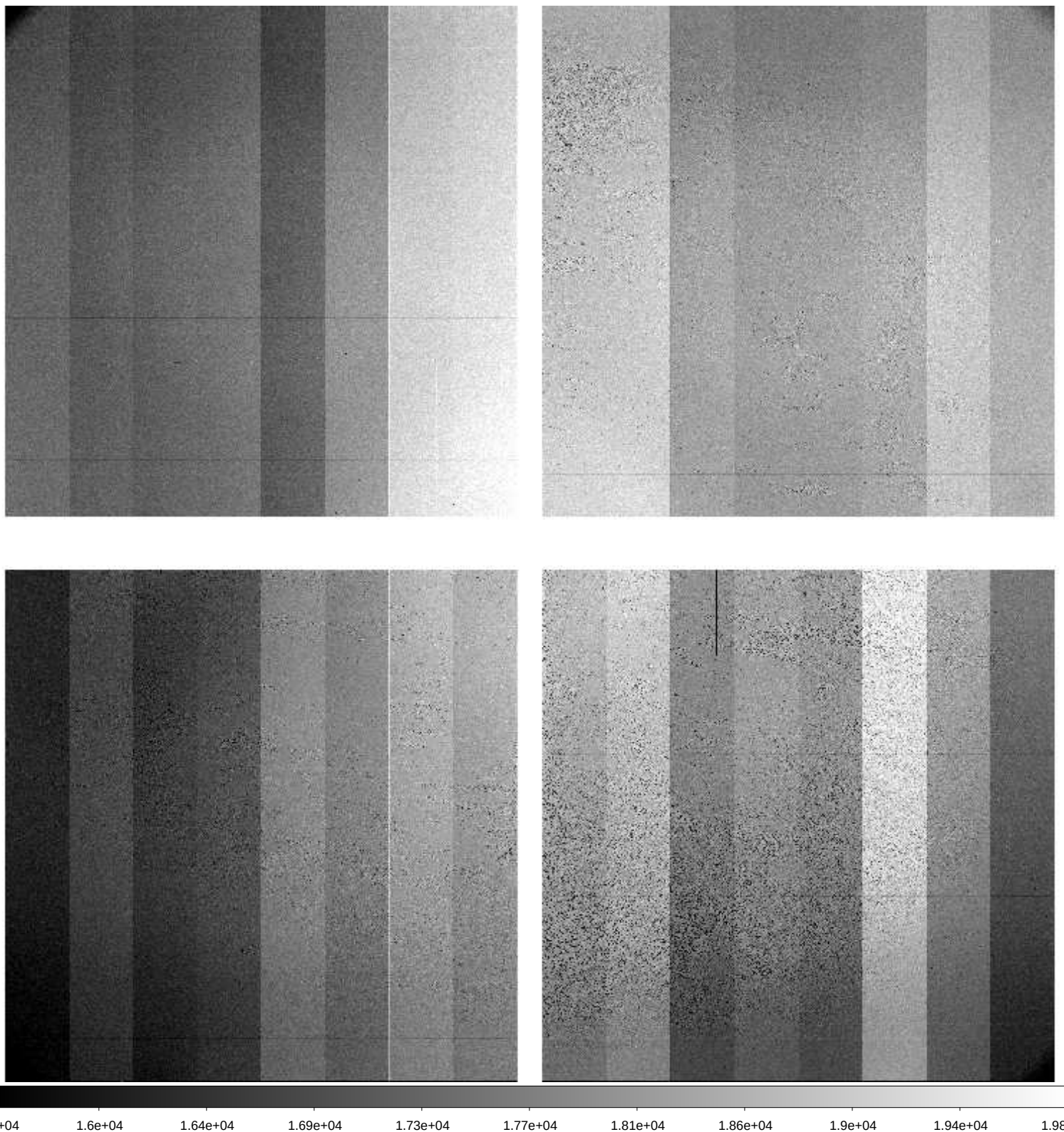
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0.0



File Name	:	kmta.20260810.034168.fits	# 30 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	13:23:40.900	
DEC	:	-20:49:41.30	
Exposure Time	:	7.5	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	16:47:17	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T09:33:54	Weather
CCD Temperature	:	-273.15	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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kmta.20260810.034169.fits

ALL

FLAT

dflat

13:25:00.320

-20:49:41.30

7.5

1.45

16:48:37

I

2026-08-10T09:35:13

-273.15

31 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

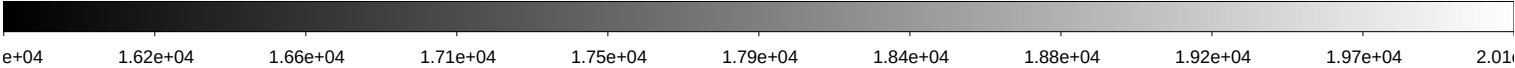
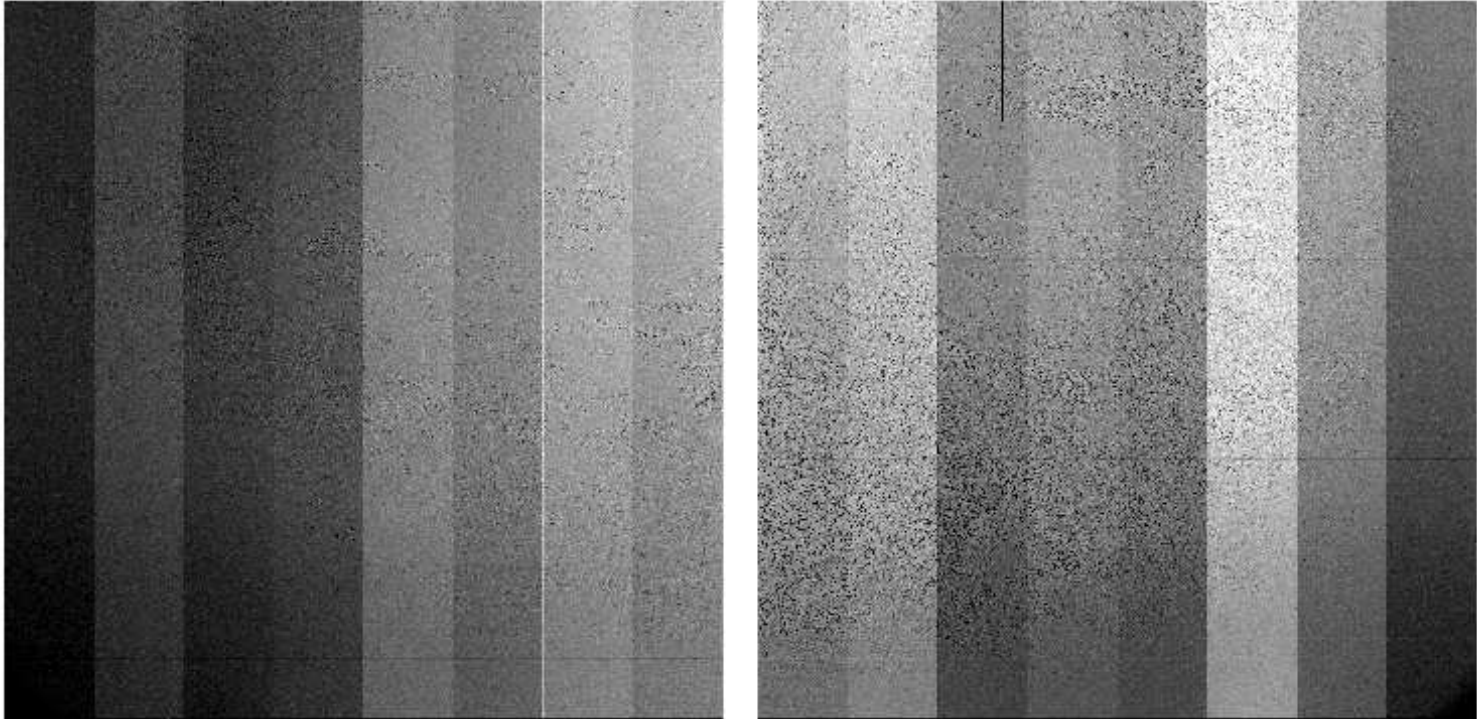
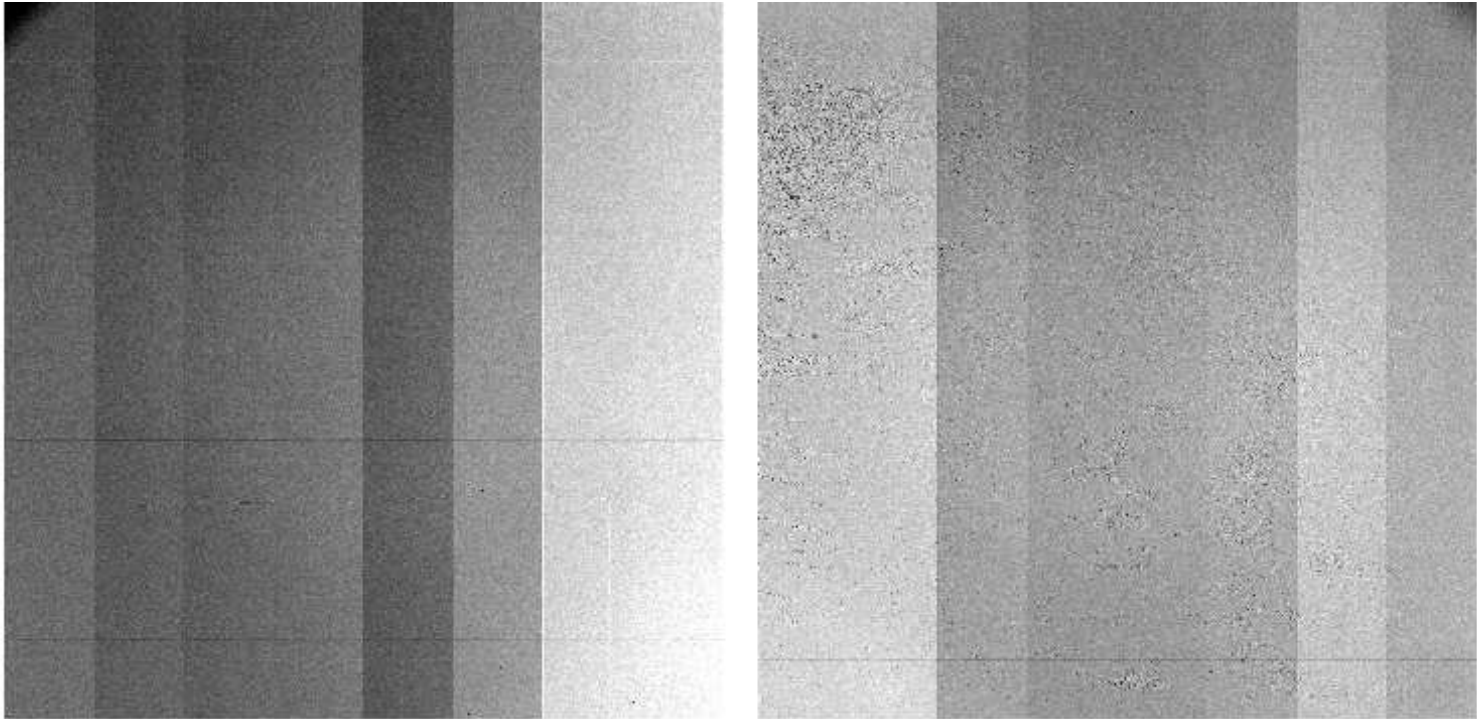
-90.0

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24

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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kmta.20260810.034170.fits

ALL

FLAT

dflat

13:26:17.530

-20:49:41.40

7.5

1.45

16:49:54

I

2026-08-10T09:36:30

-273.15

32 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

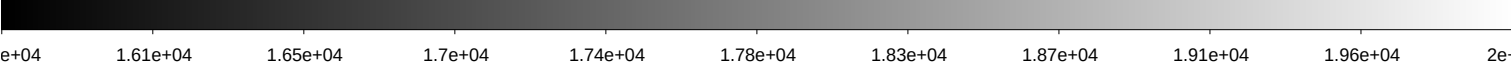
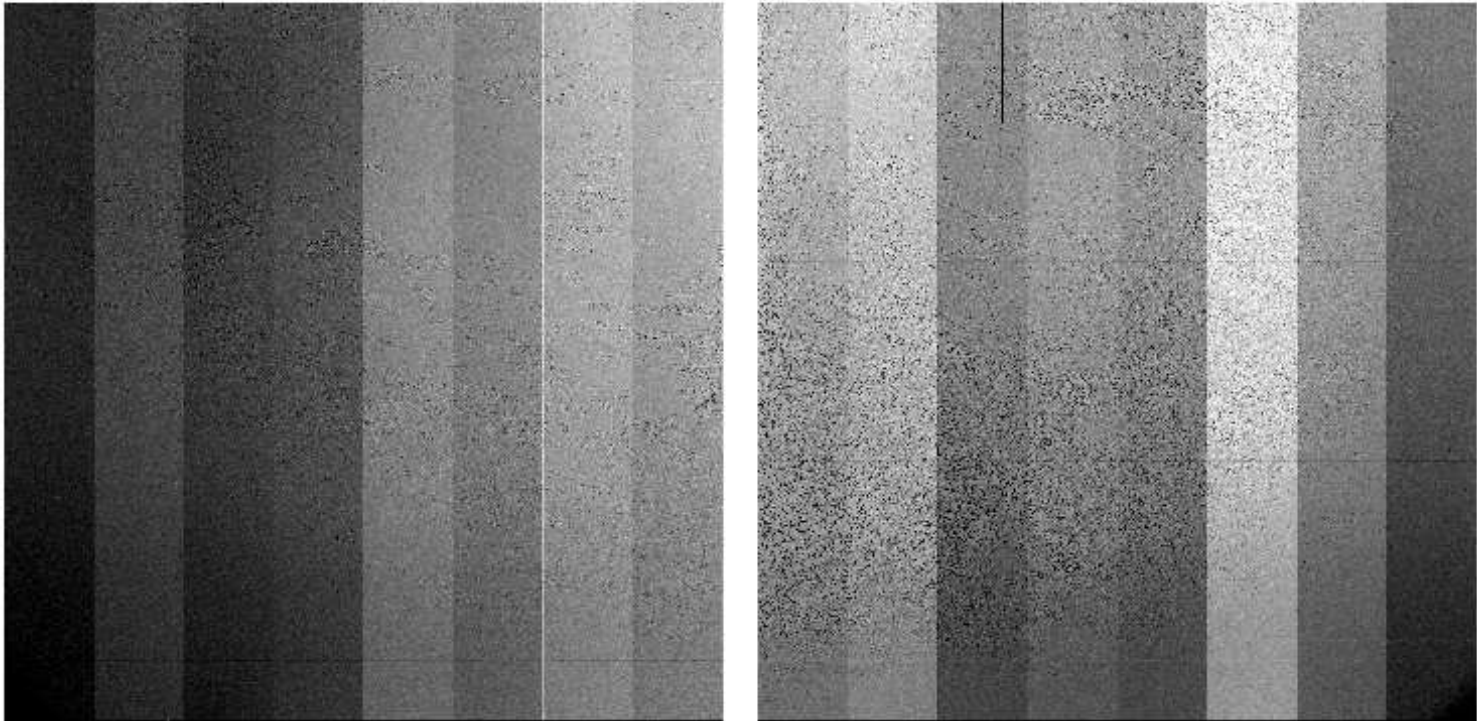
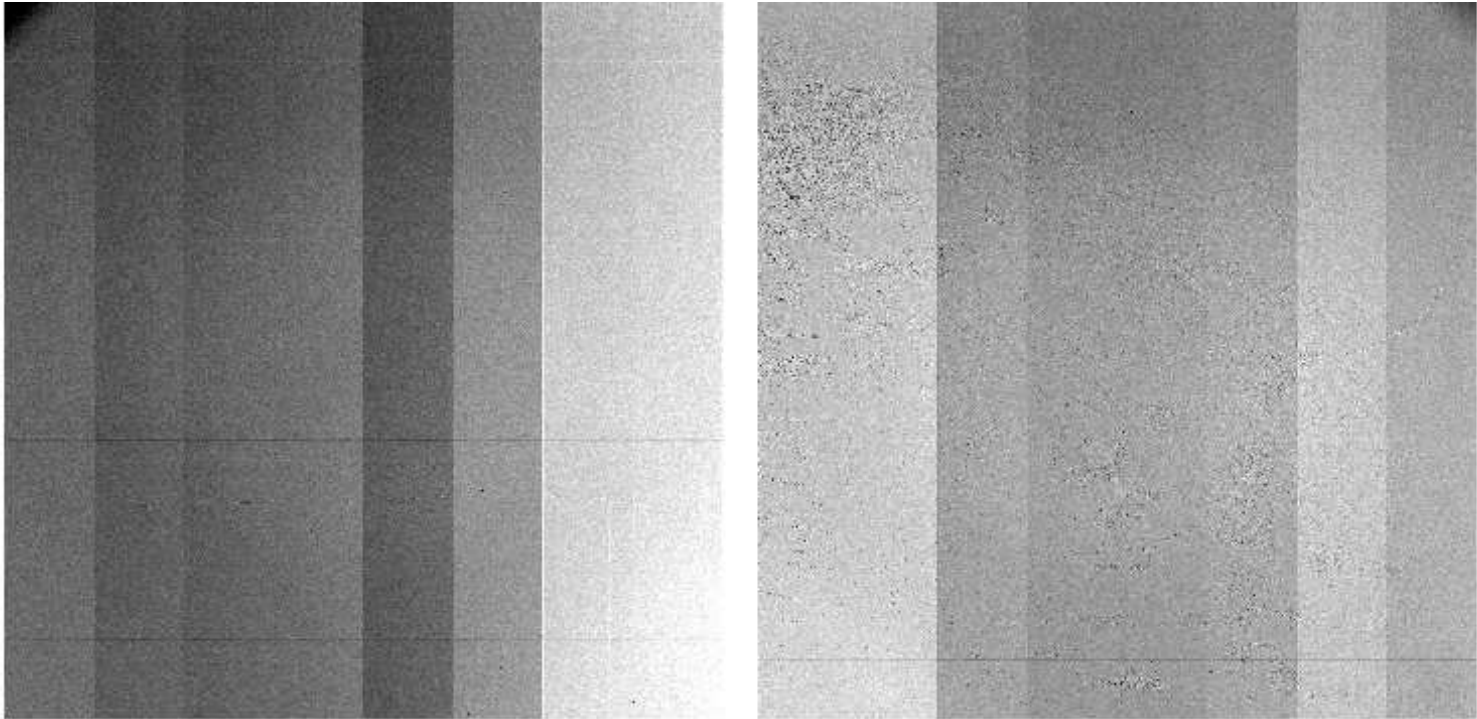
-90.0

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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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kmta.20260810.034171.fits

ALL

FLAT

dflat

13:27:36.740

-20:49:41.40

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1.45

16:51:13

I

2026-08-10T09:37:49

-273.15

33 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

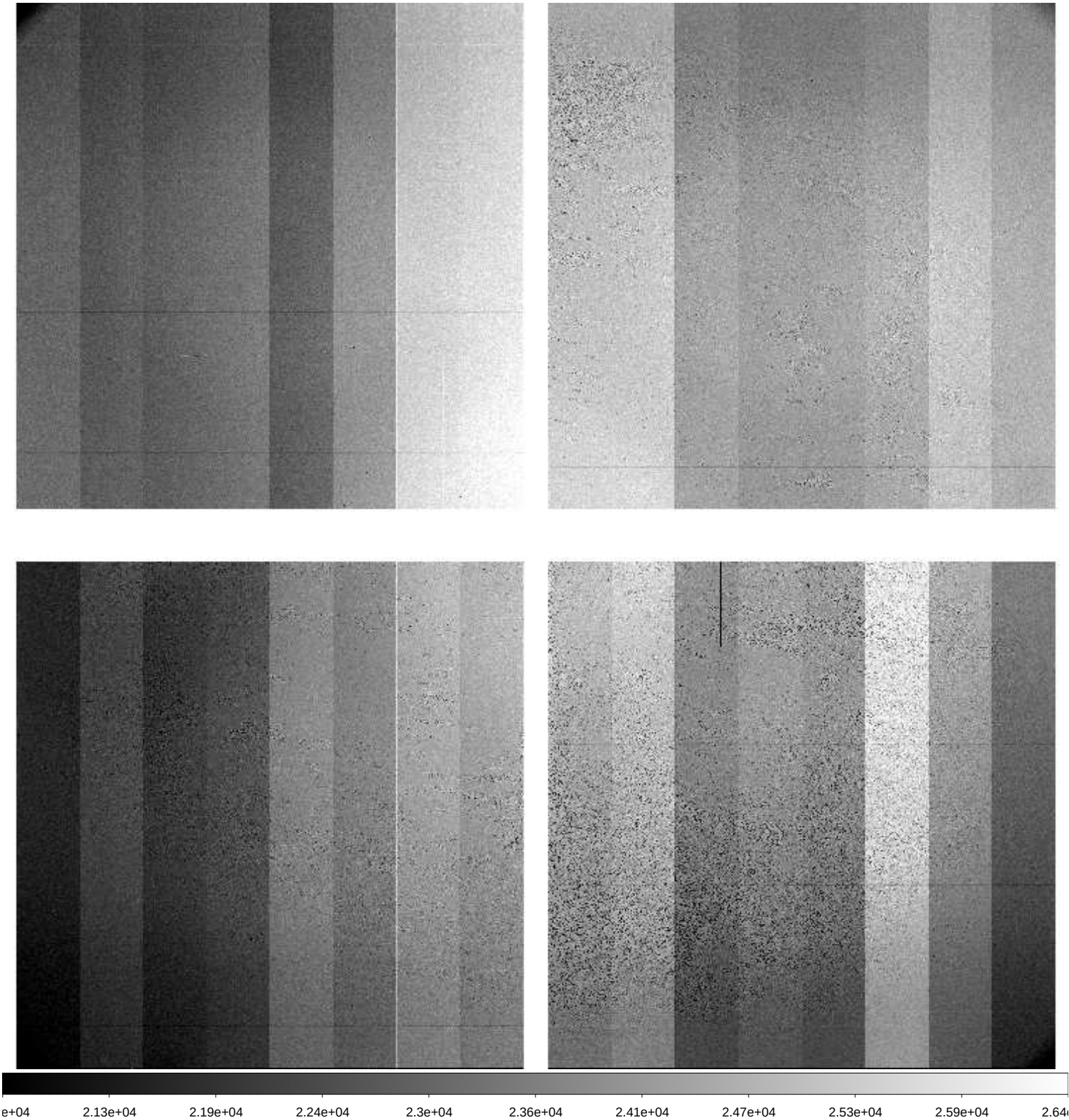
-90.0

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24

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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kmta.20260810.034172.fits

ALL

FLAT

dflat

13:28:58.170

-20:49:41.50

10

1.45

16:52:35

I

2026-08-10T09:39:10

-273.15

34 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

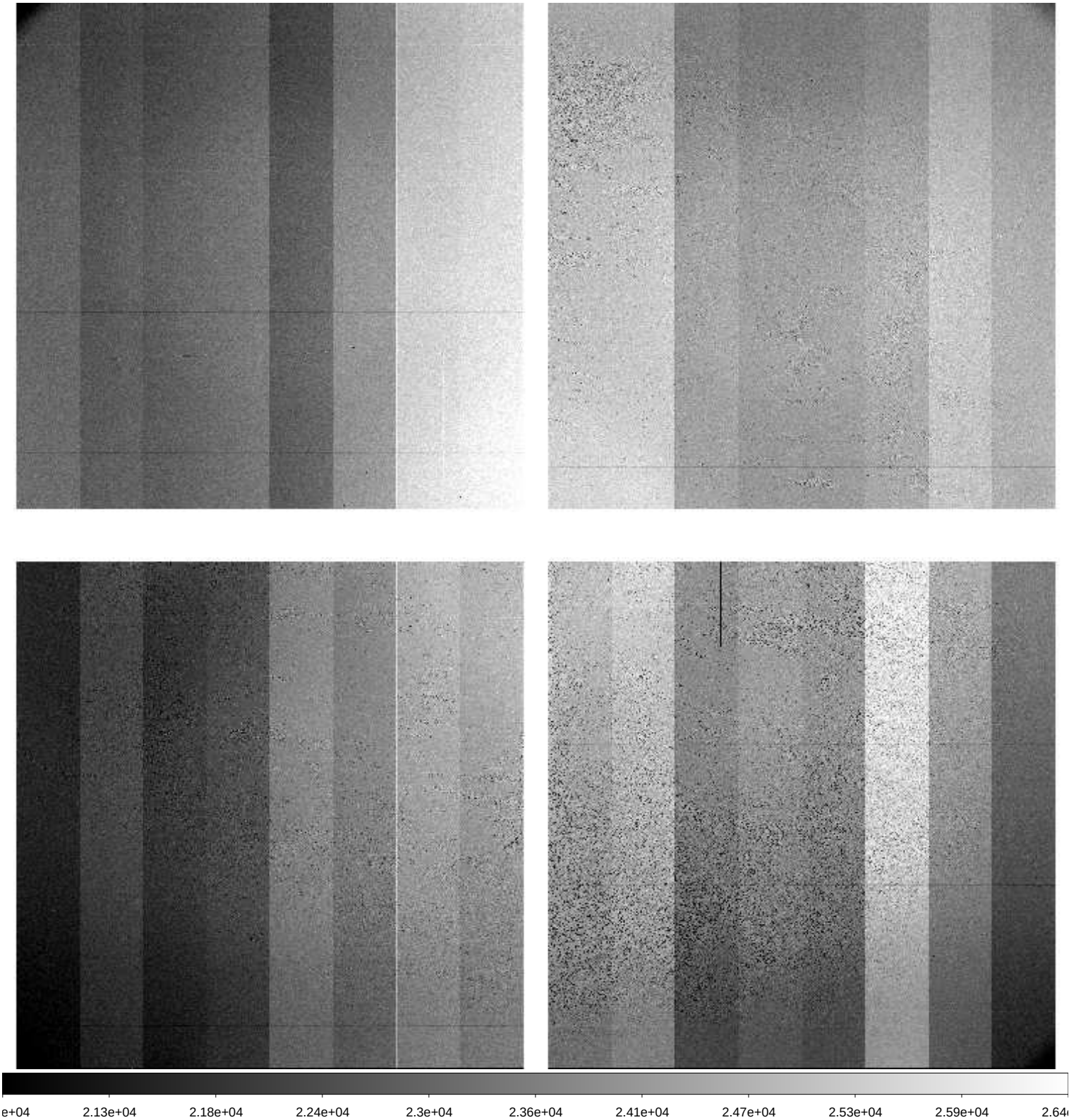
-90.0

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24

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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kmta.20260810.034173.fits

ALL

FLAT

dflat

13:30:18.590

-20:49:41.50

10

1.45

16:53:55

I

2026-08-10T09:40:17

-273.15

35 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

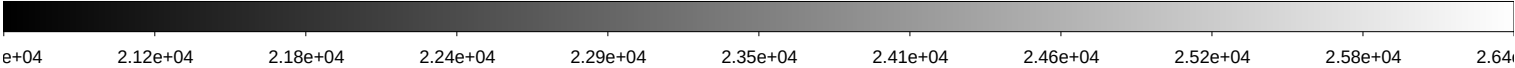
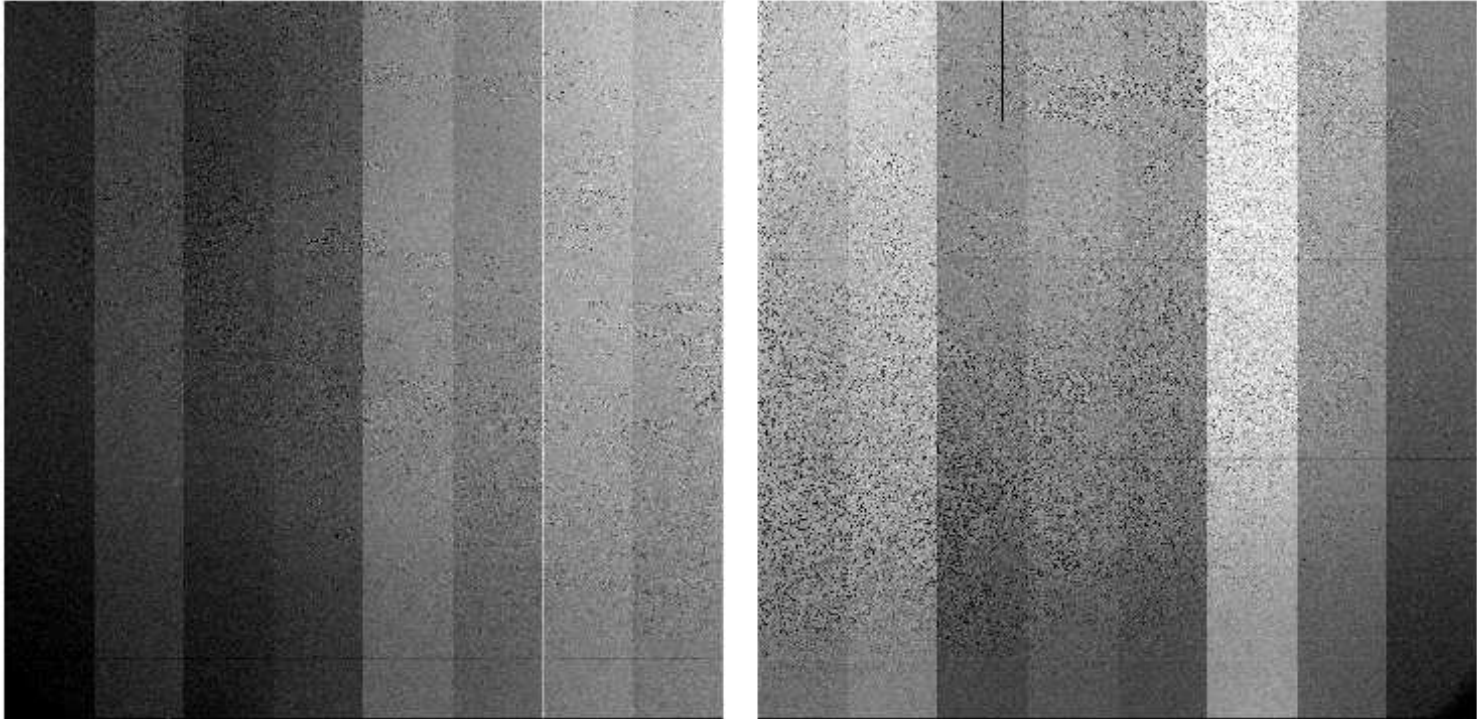
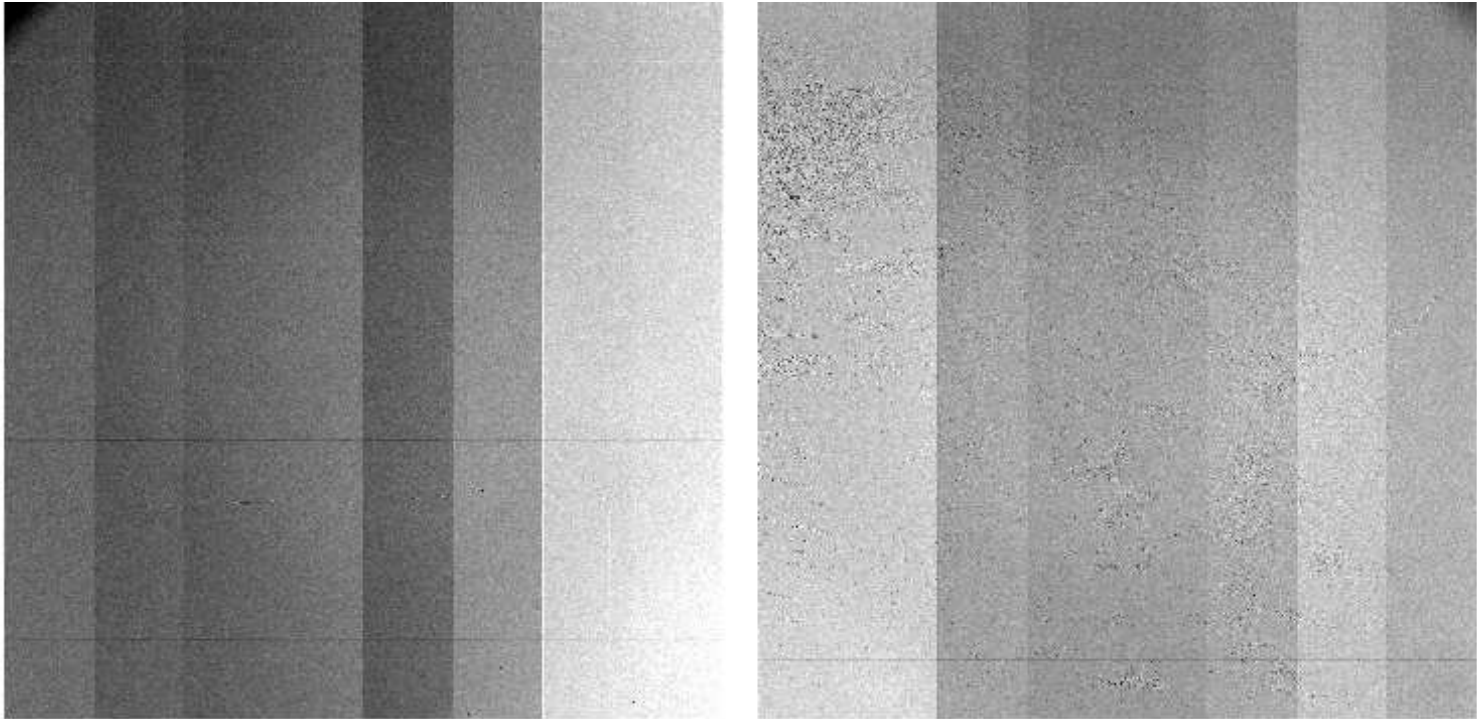
-90.0

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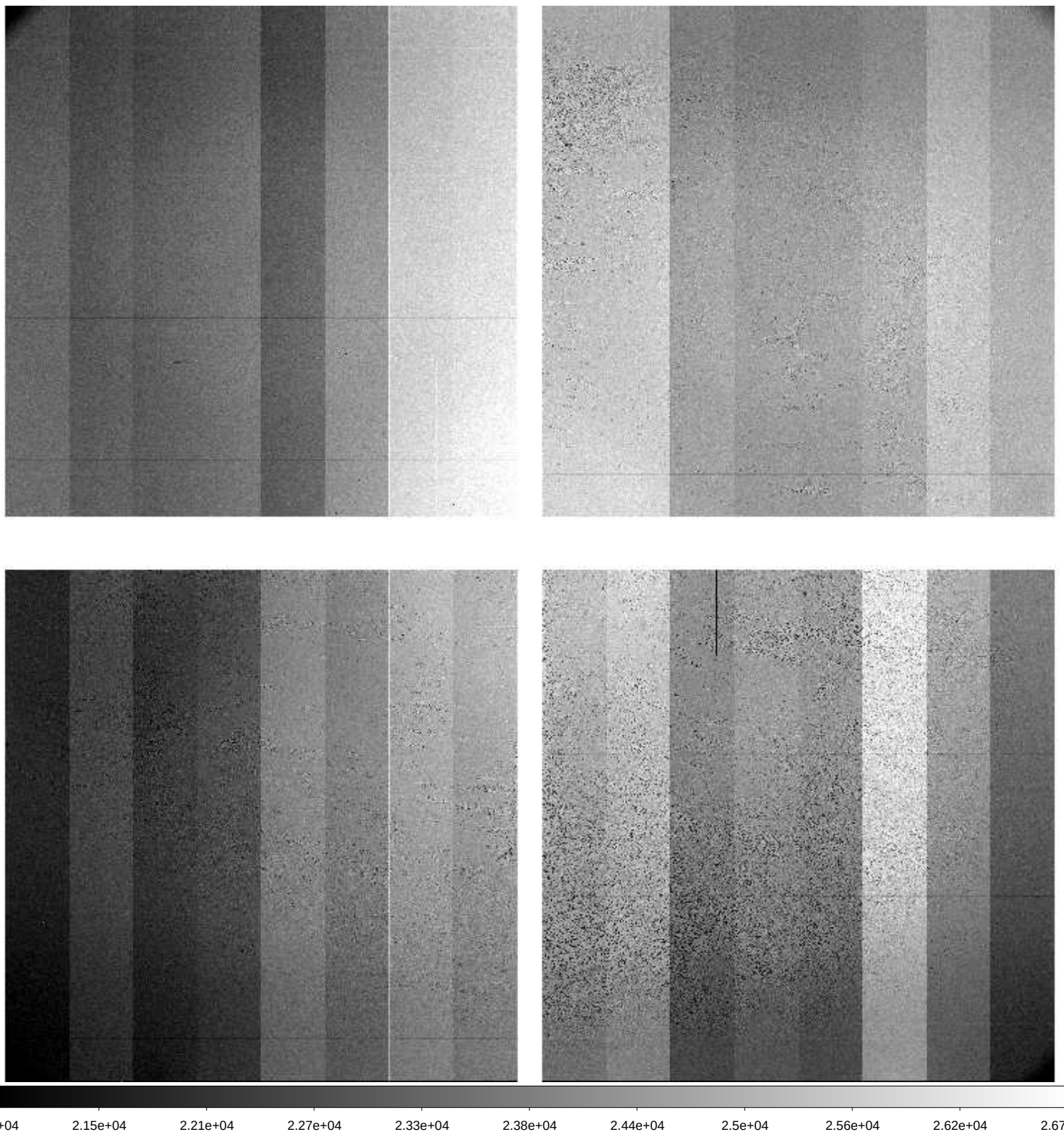
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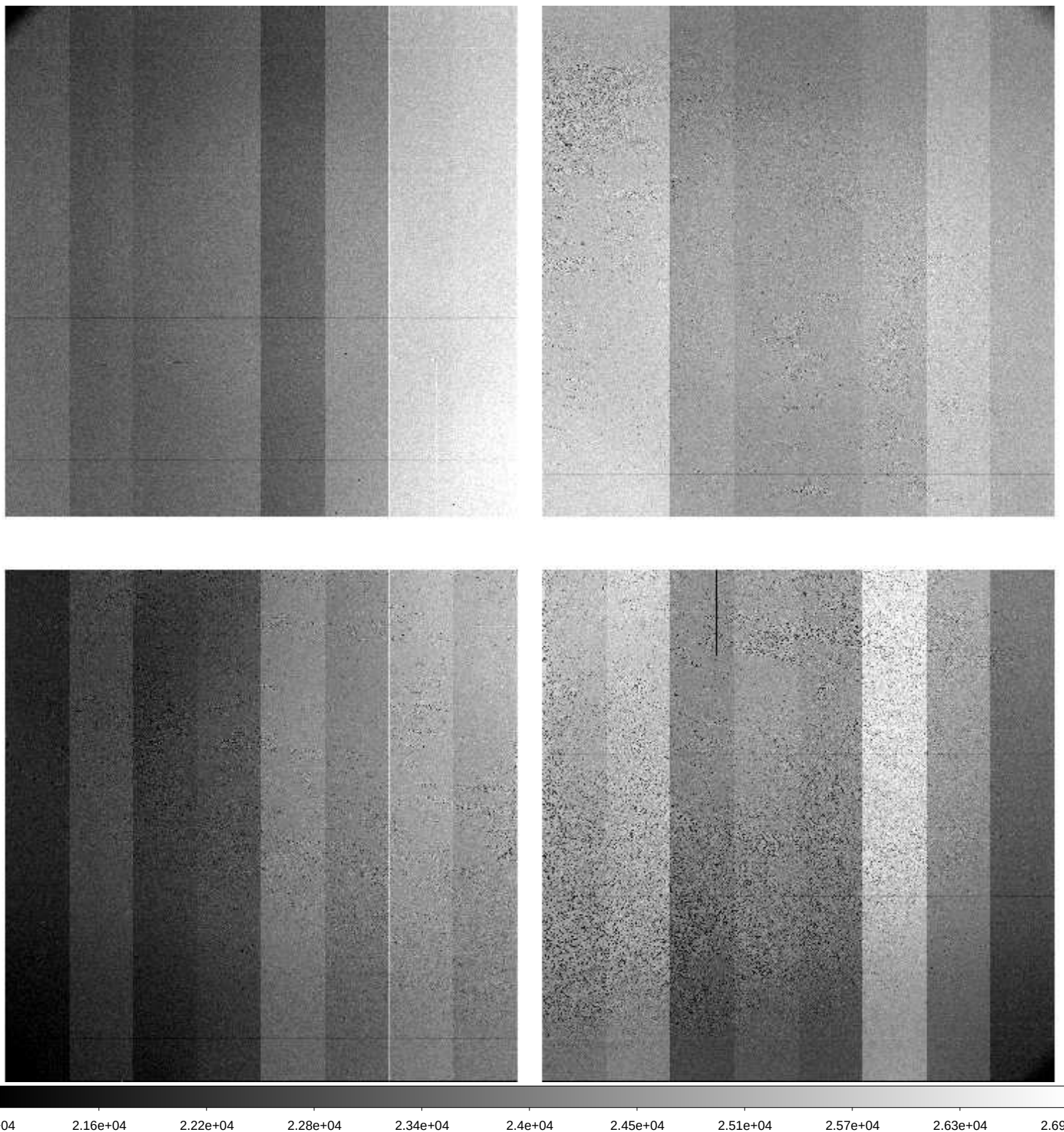
0.0



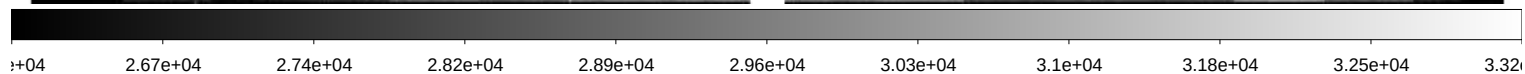
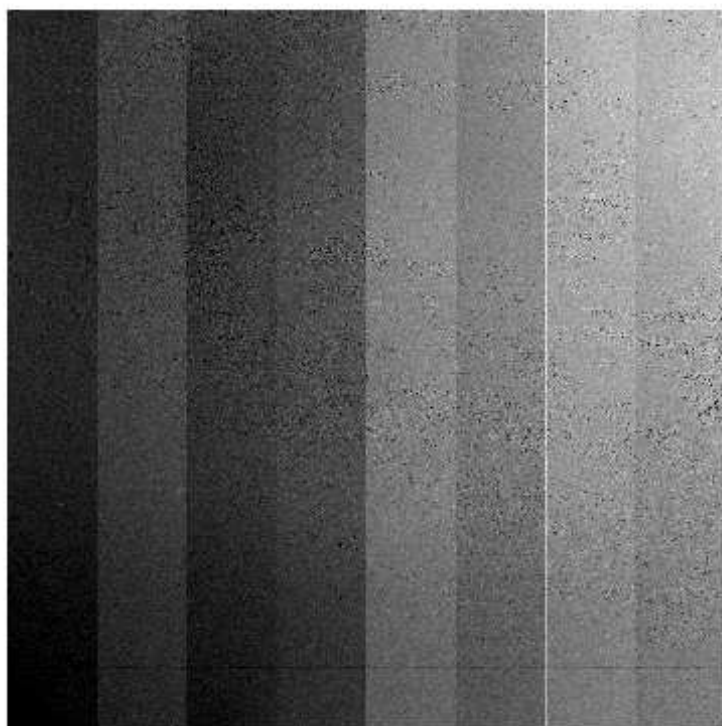
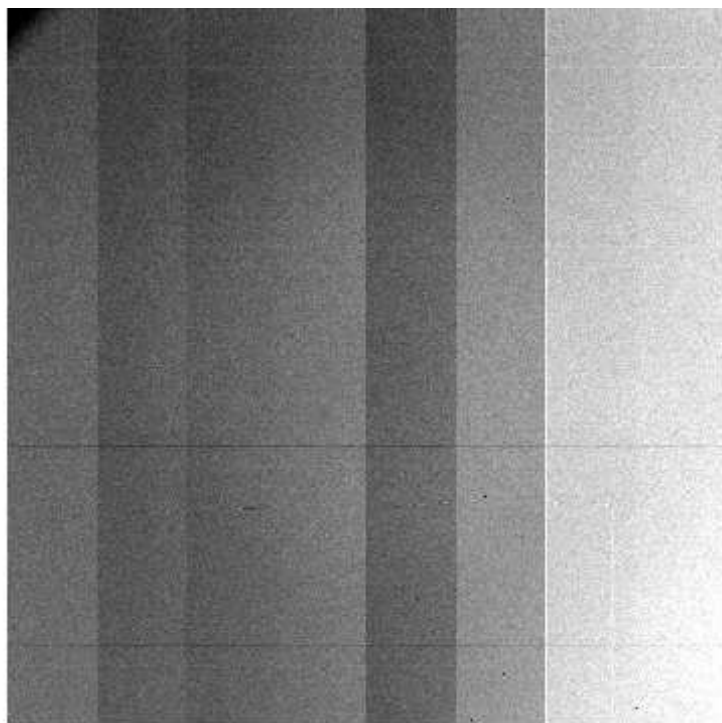
File Name	:	kmta.20260810.034174.fits	# 36 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	13:31:23.560	
DEC	:	-20:49:41.60	
Exposure Time	:	10	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	16:55:00	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T09:41:35	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name	:	kmta.20260810.034175.fits	# 37 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	13:32:44.790	
DEC	:	-20:49:41.60	
Exposure Time	:	10	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	16:56:21	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T09:42:55	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name	:	kmta.20260810.034176.fits	# 38 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	13:34:03.200	
DEC	:	-20:49:41.70	
Exposure Time	:	12.5	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	16:57:40	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T09:44:14	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260810.034177.fits

: ALL

: FLAT

: dflat

: 13:35:25.620

: -20:49:41.70

: 12.5

: 1.45

: 16:59:02

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: 2026-08-10T09:45:36

: -273.15

39 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

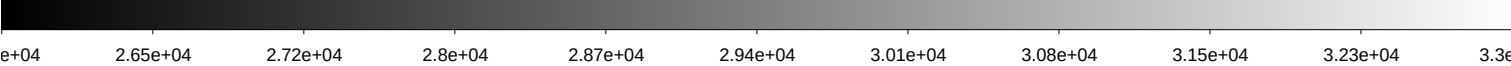
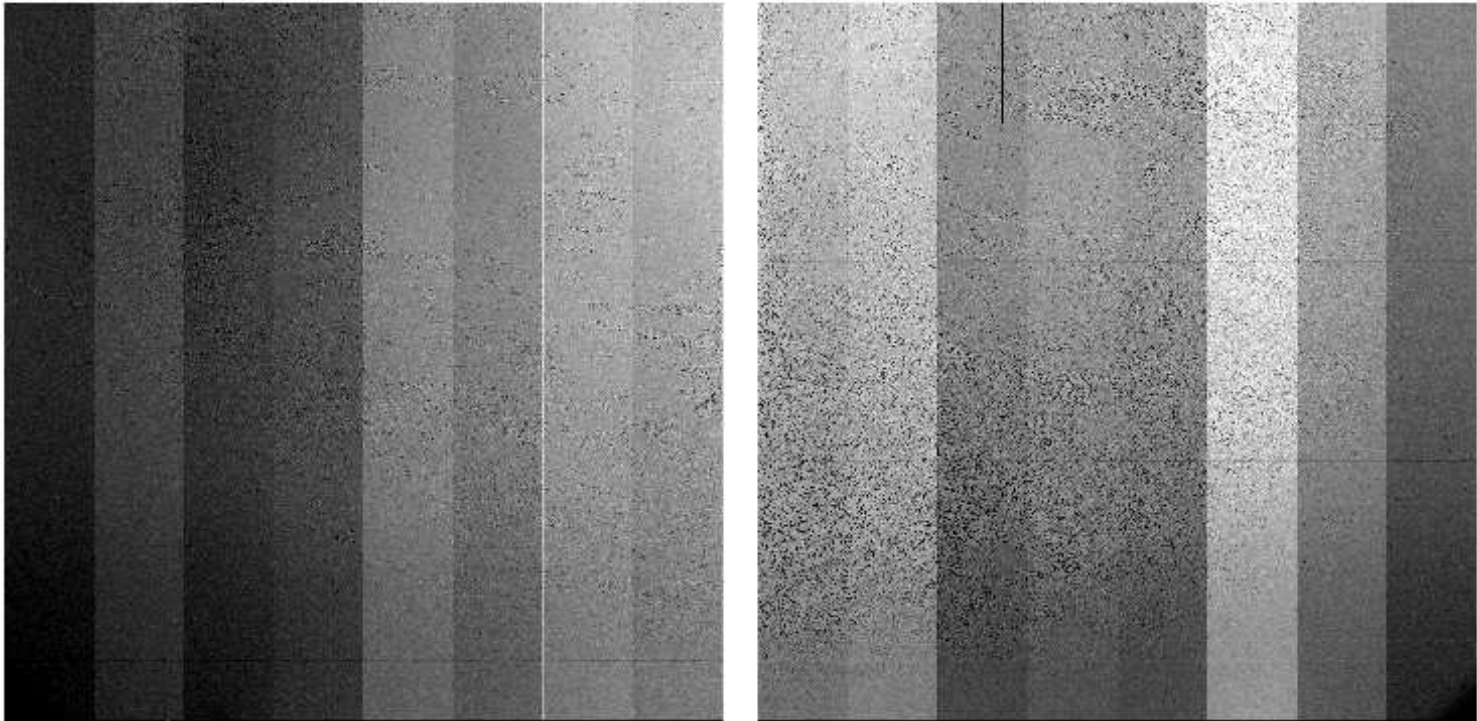
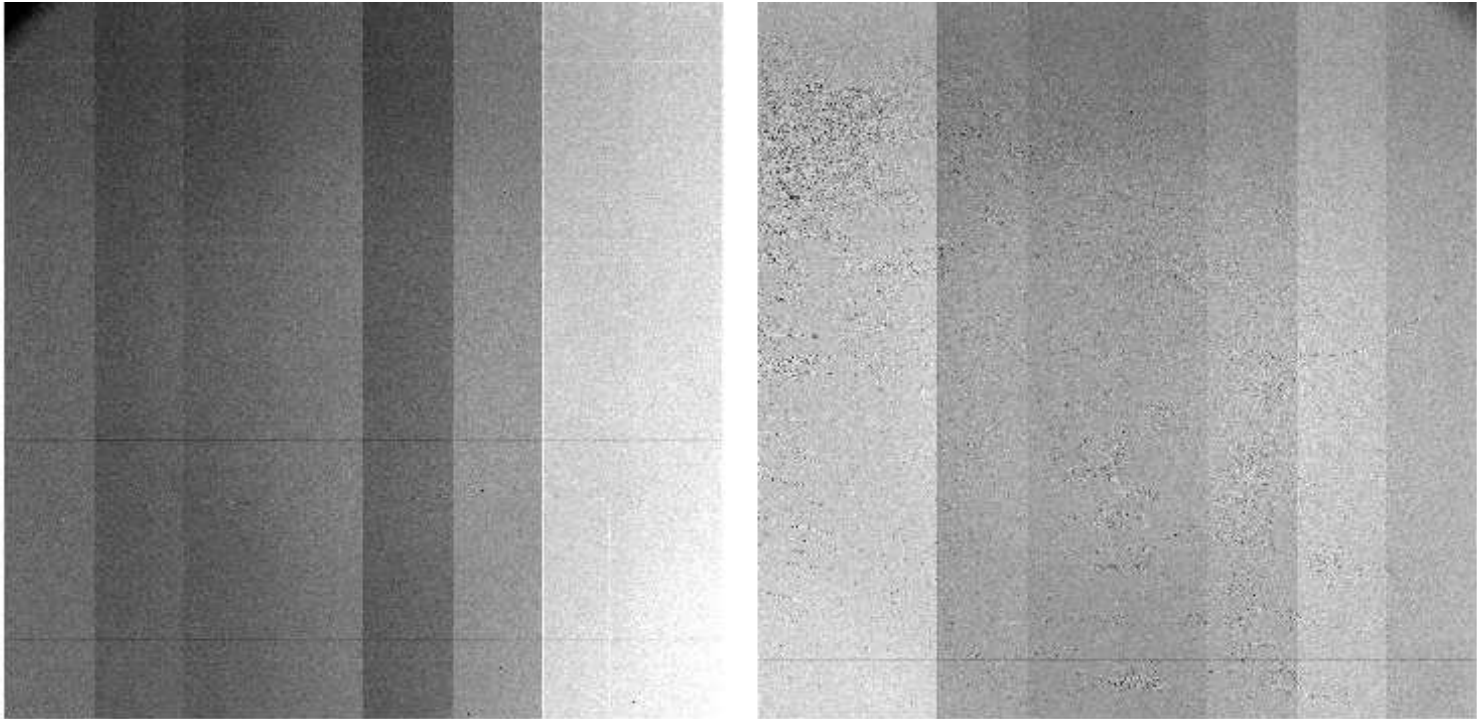
-90.0

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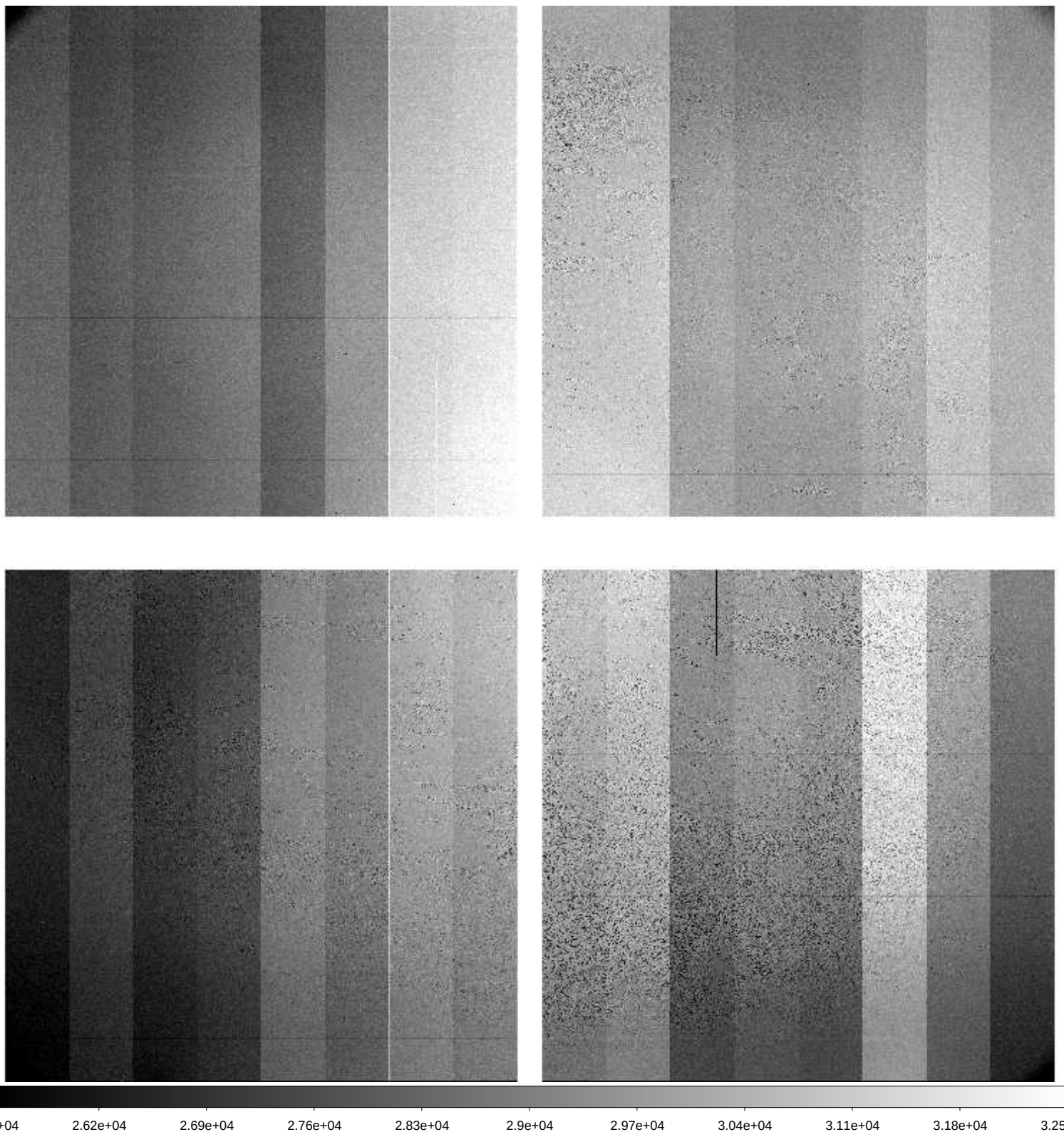
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File Name	:	kmta.20260810.034178.fits	# 40 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	13:36:47.850	
DEC	:	-20:49:41.80	
Exposure Time	:	12.5	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	17:00:24	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T09:46:58	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

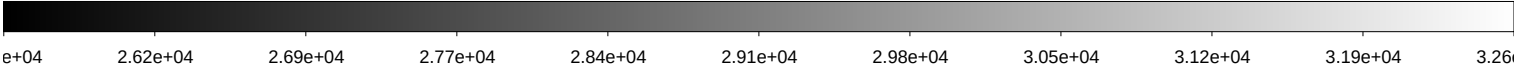
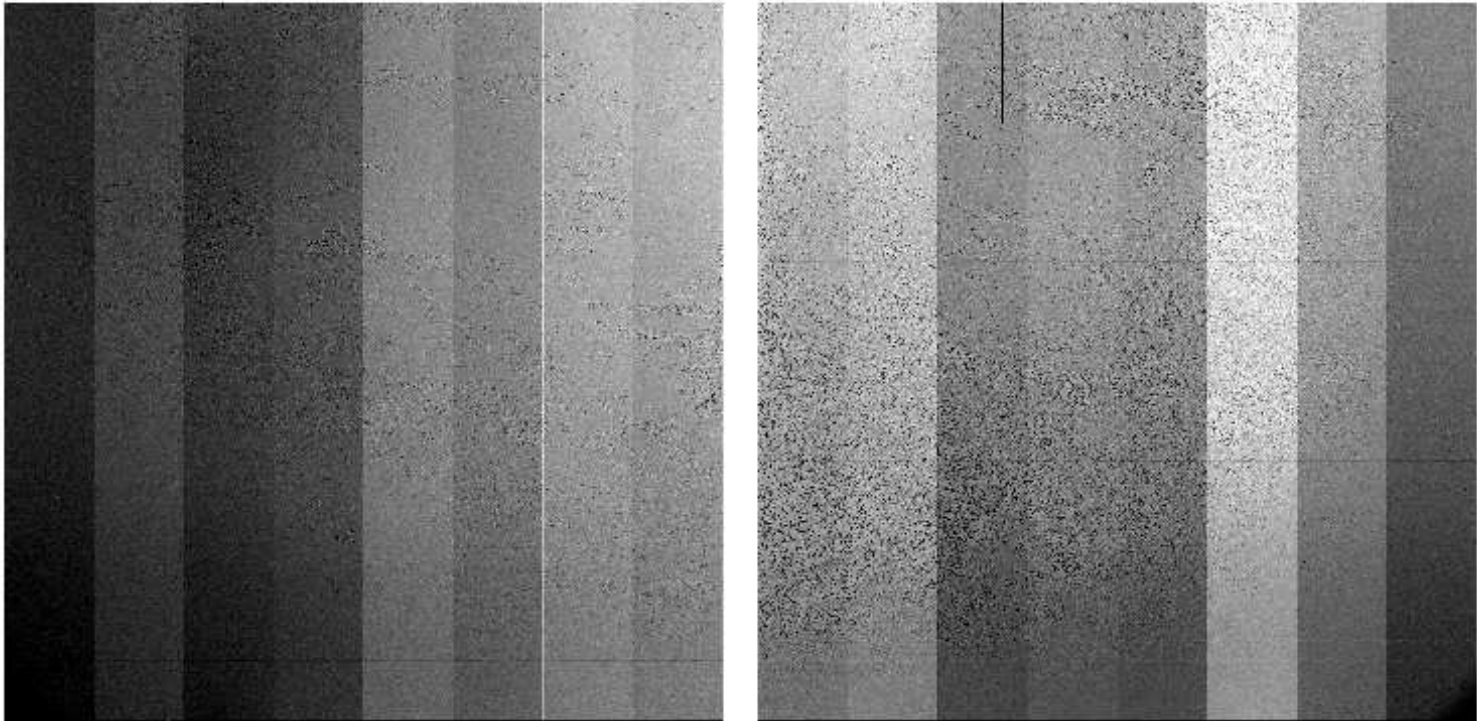
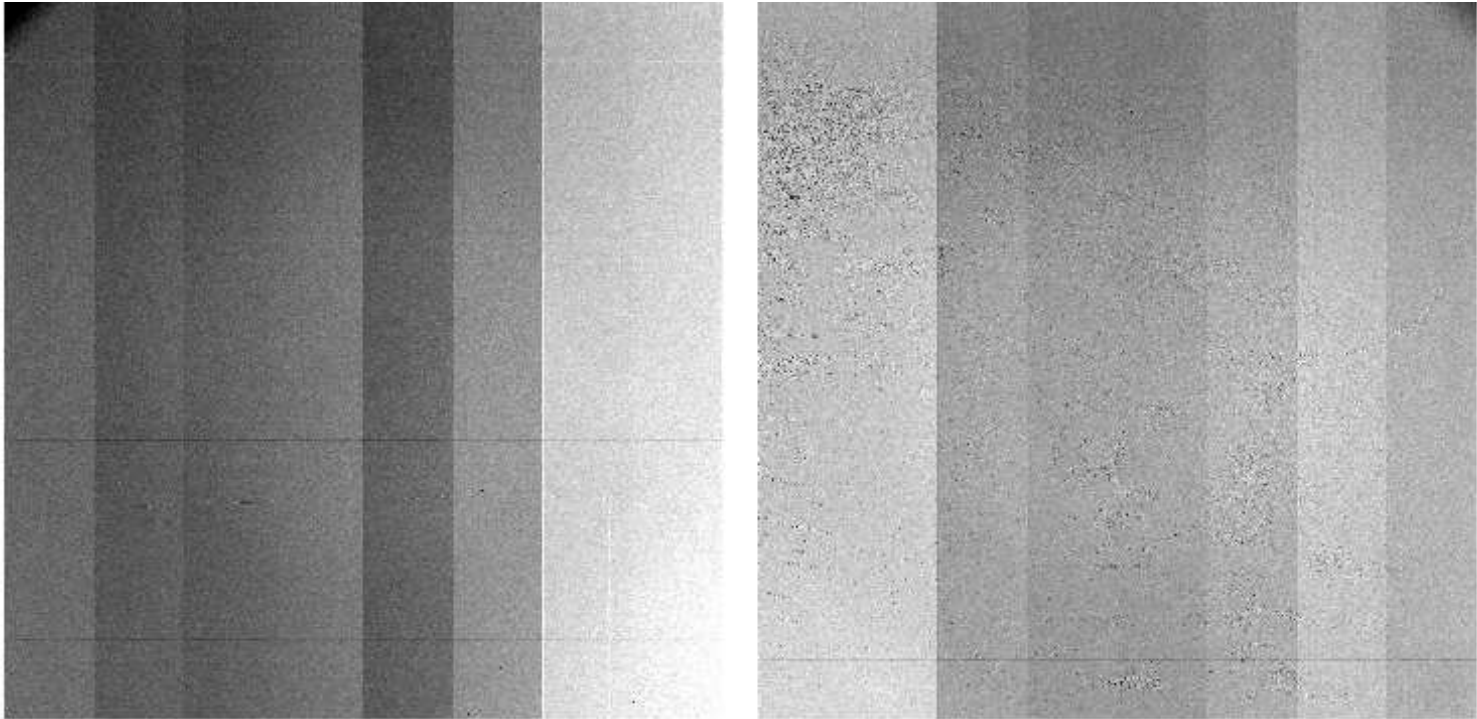
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kmta.20260810.034179.fits
ALL
FLAT
dflat
13:38:09.270
-20:49:41.90
12.5
1.45
17:01:46
I
2026-08-10T09:48:19
-273.15

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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43.5
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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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kmta.20260810.034180.fits

ALL

FLAT

dflat

13:39:30.490

-20:49:41.90

12.5

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17:03:07

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2026-08-10T09:49:41

-273.15

42 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

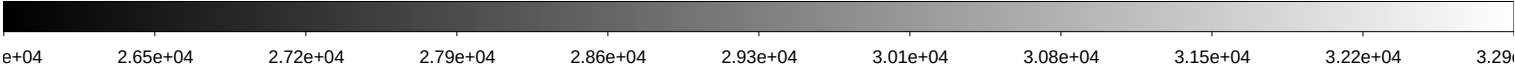
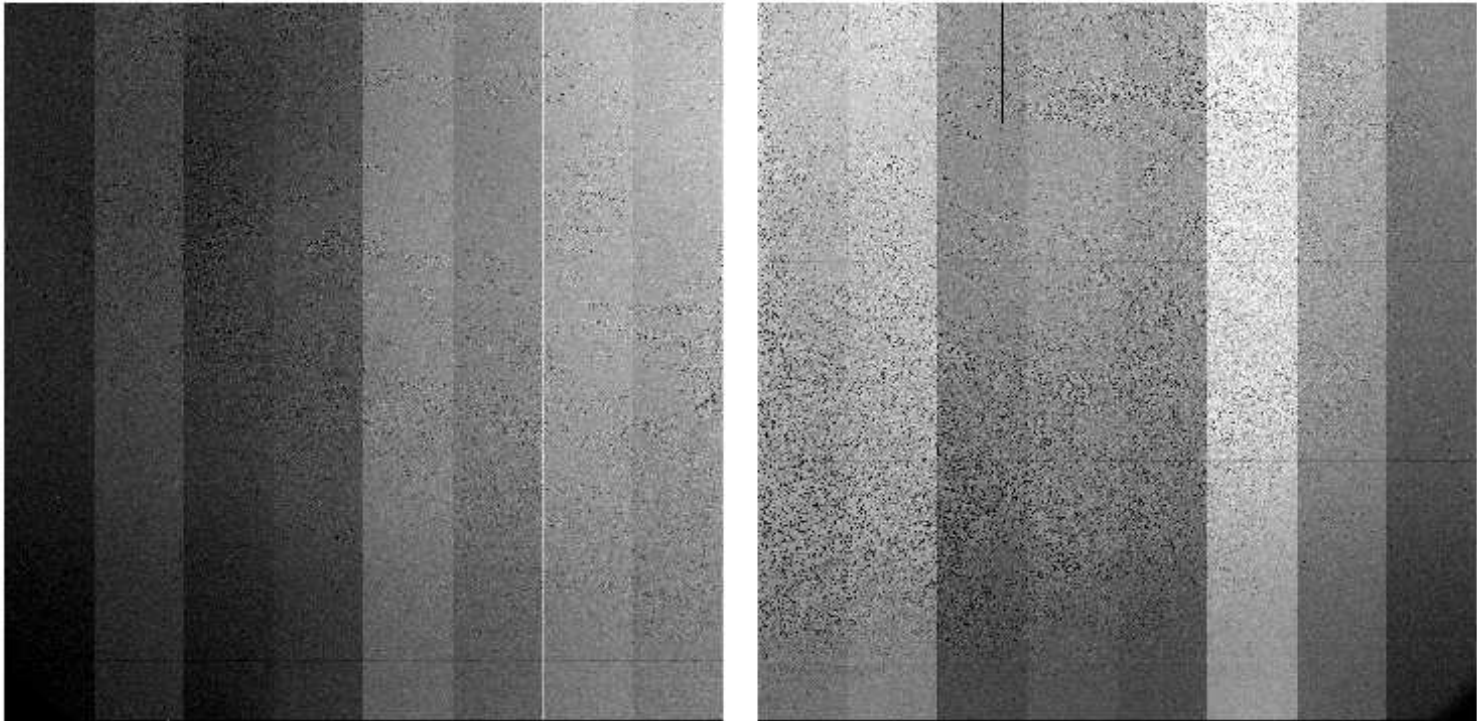
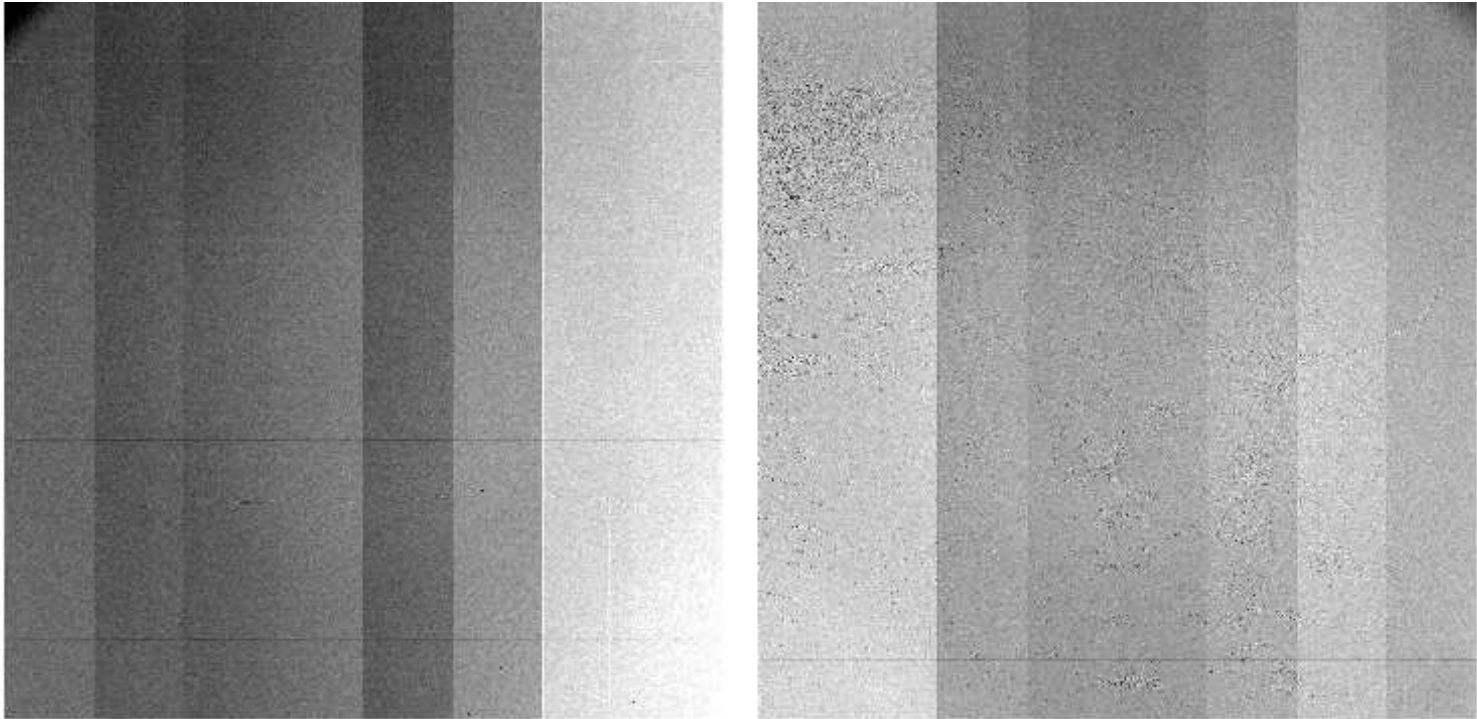
-90.0

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24

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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kmta.20260810.034181.fits

ALL

FLAT

dflat

13:40:53.920

-20:49:42.00

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1.45

17:04:30

I

2026-08-10T09:51:03

-273.15

43 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

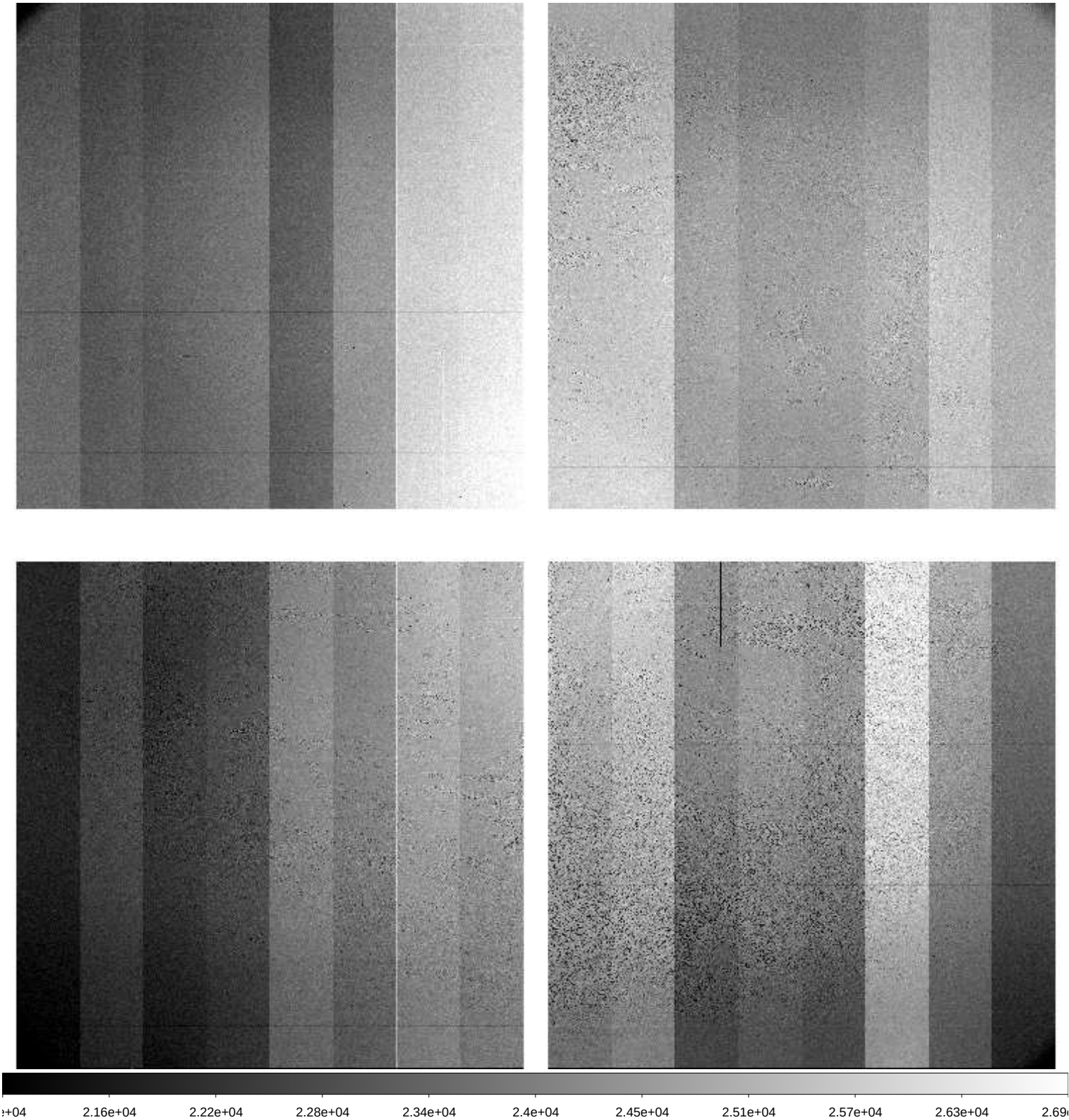
-90.0

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24

0.0



File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

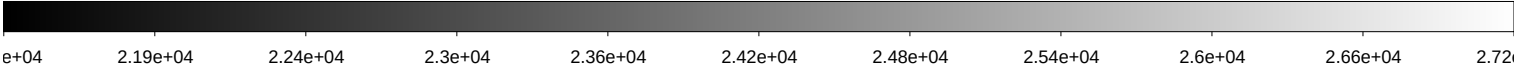
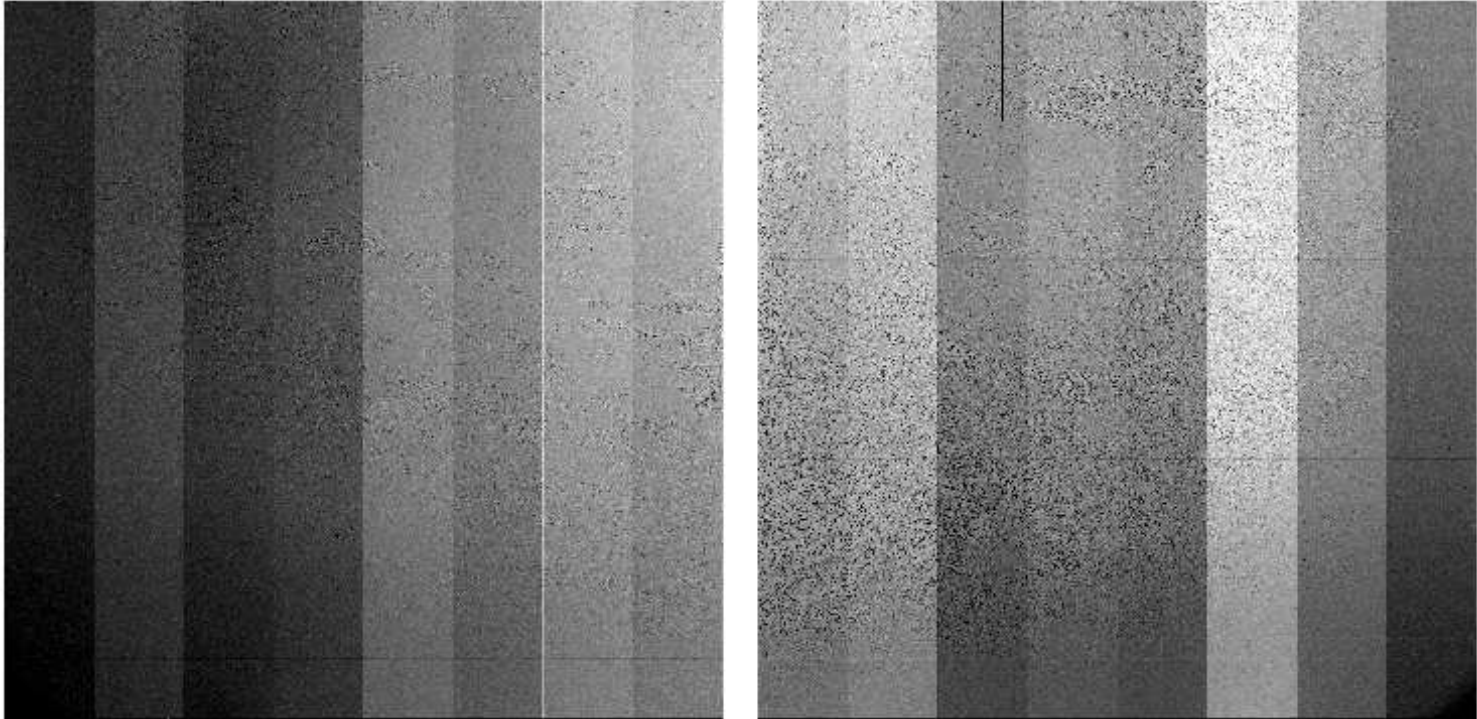
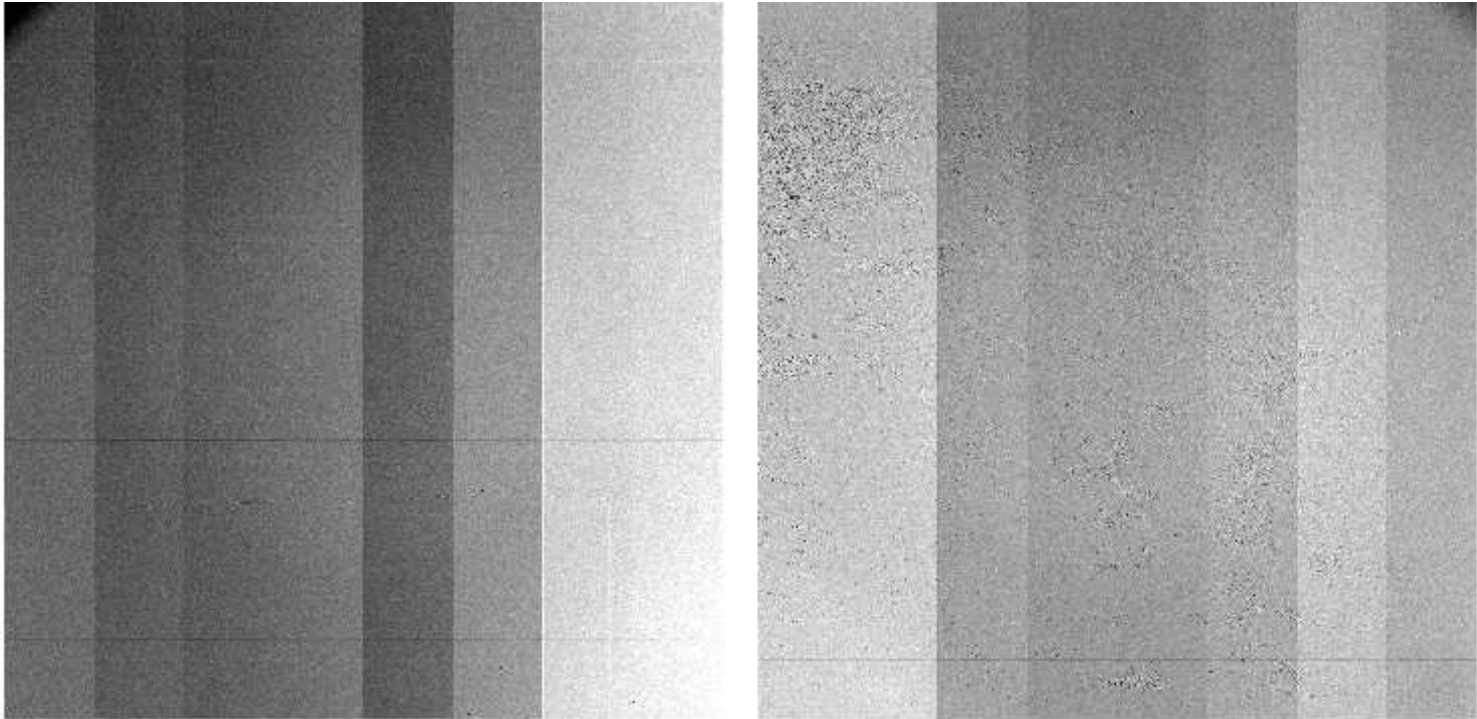
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kmta.20260810.034182.fits
ALL
FLAT
dflat
13:42:11.930
-20:49:42.00
10
1.45
17:05:48
I
2026-08-10T09:52:22
-273.15

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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43.5
-90.0
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24
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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kmta.20260810.034183.fits

ALL

FLAT

dflat

13:43:32.550

-20:49:42.10

15

1.45

17:07:09

I

2026-08-10T09:53:41

-273.15

45 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

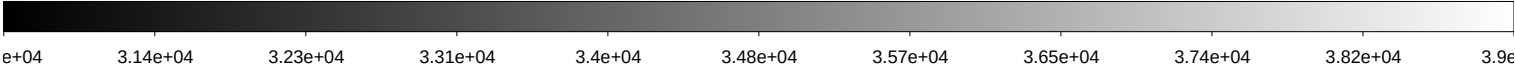
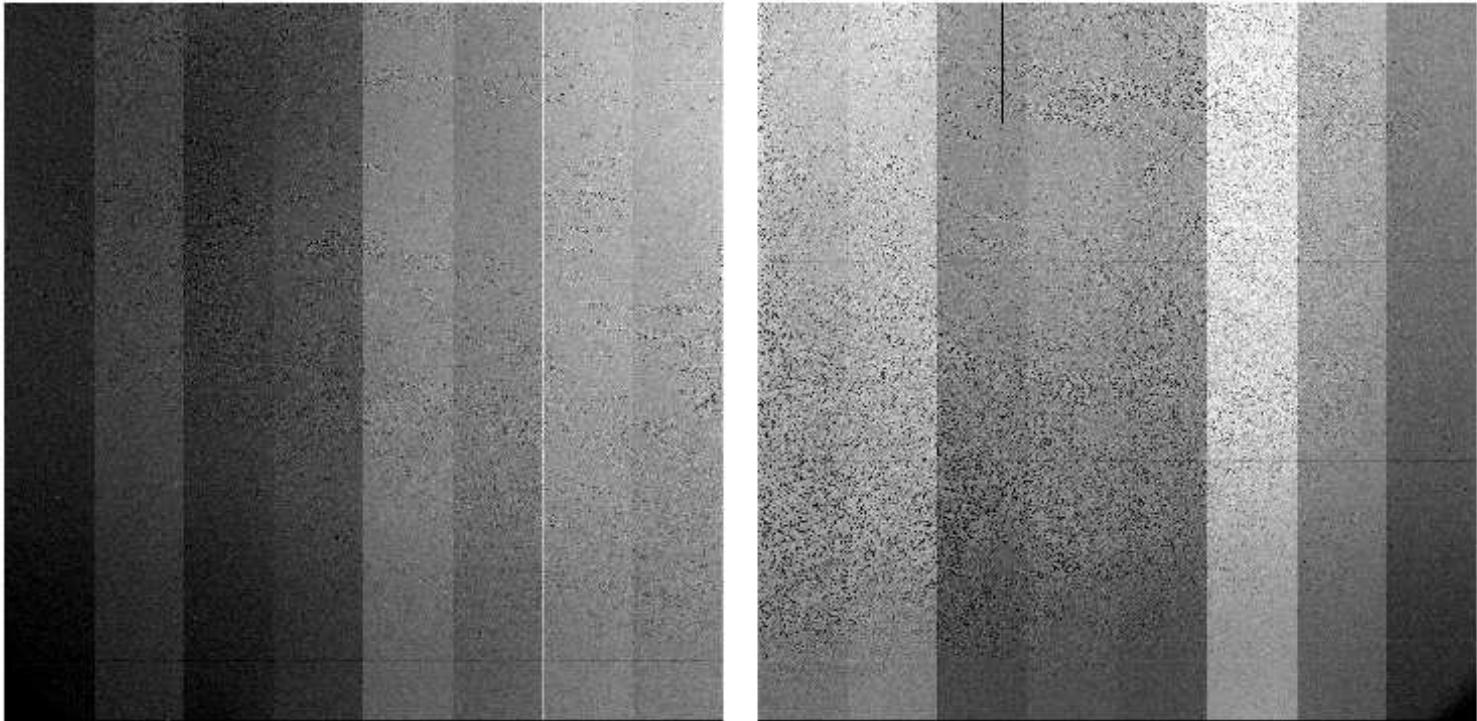
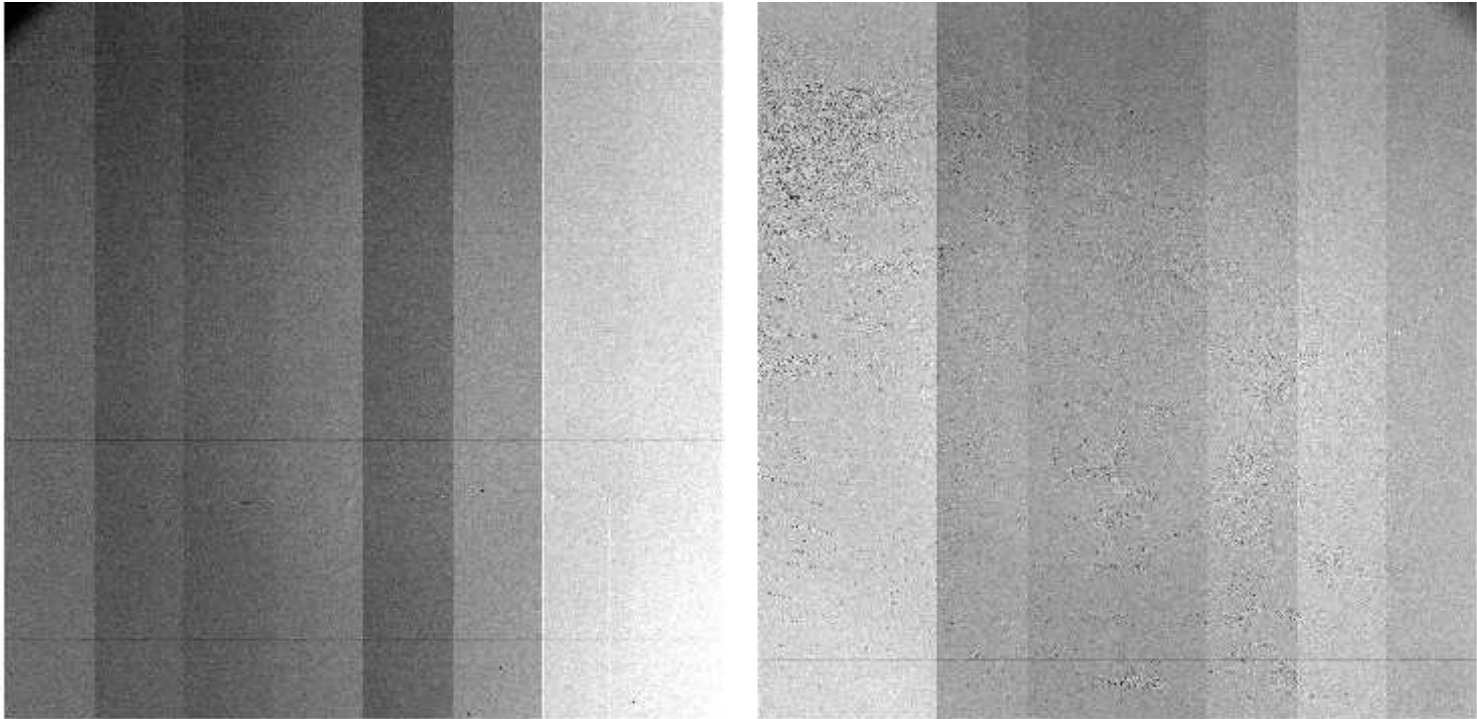
-90.0

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24

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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kmta.20260810.034184.fits

ALL

FLAT

dflat

13:44:56.780

-20:49:42.10

15

1.45

17:08:33

I

2026-08-10T09:55:05

-273.15

46 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

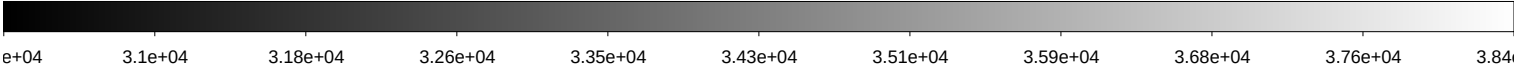
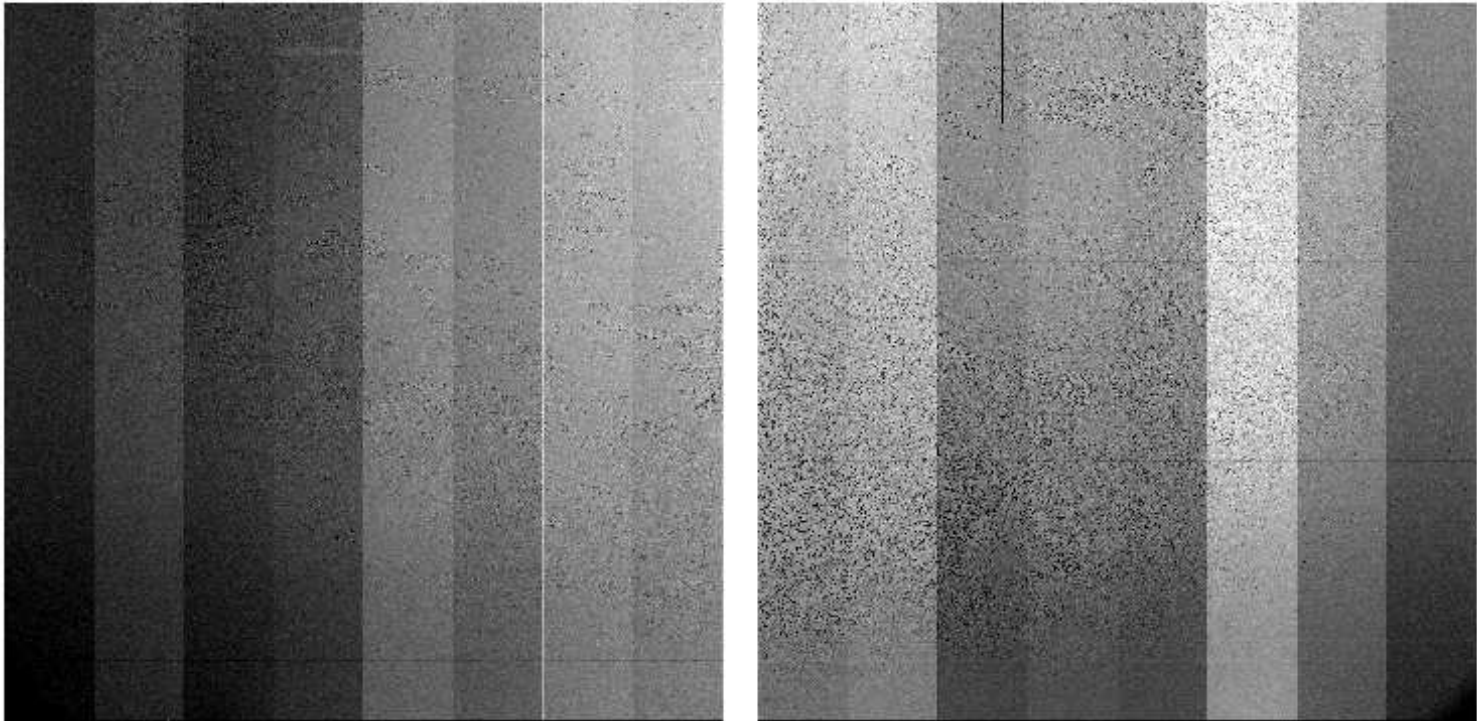
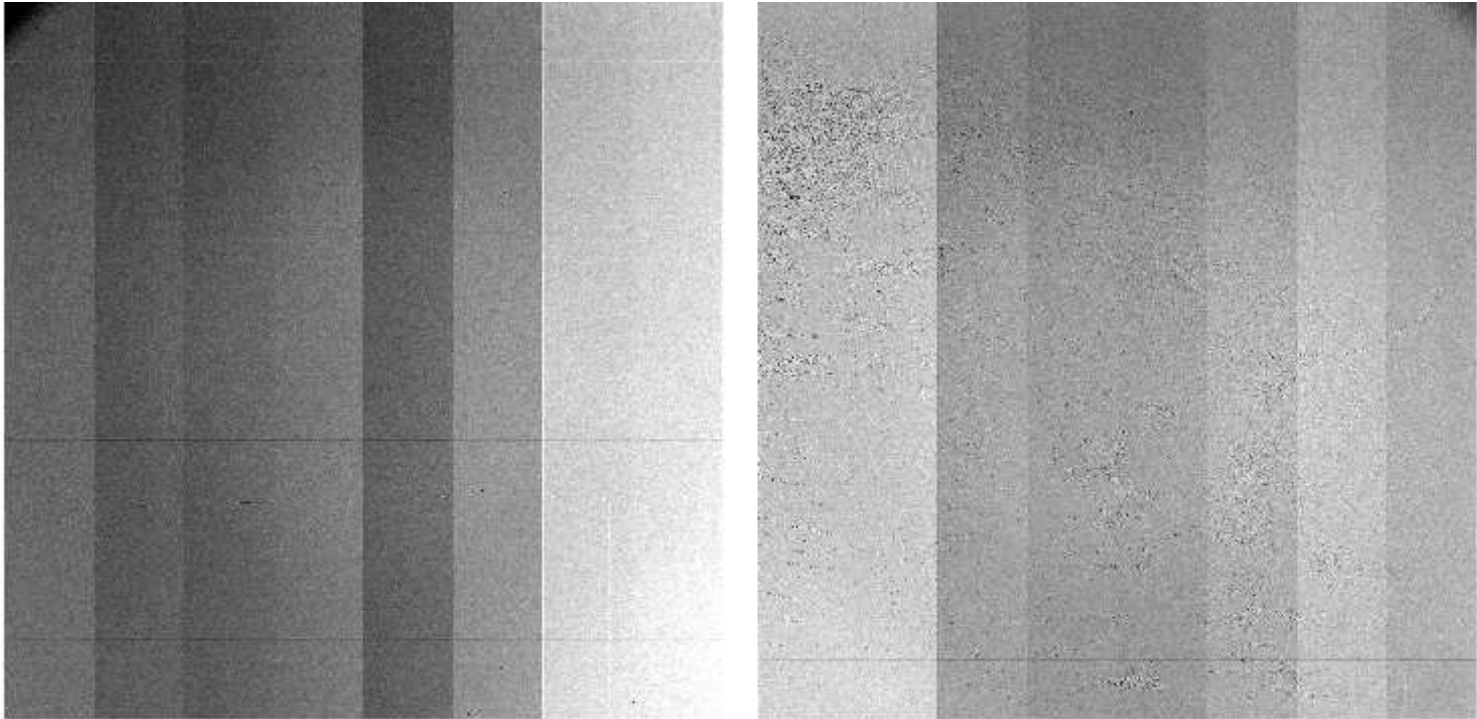
-90.0

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24

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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kmta.20260810.034185.fits

ALL

FLAT

dflat

13:46:23.220

-20:49:42.20

15

1.45

17:10:00

I

2026-08-10T09:56:32

-273.15

47 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

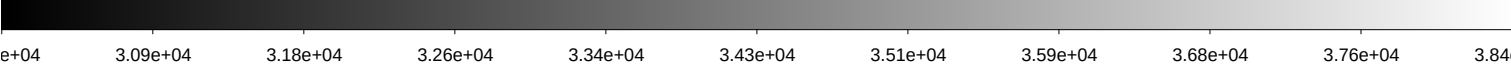
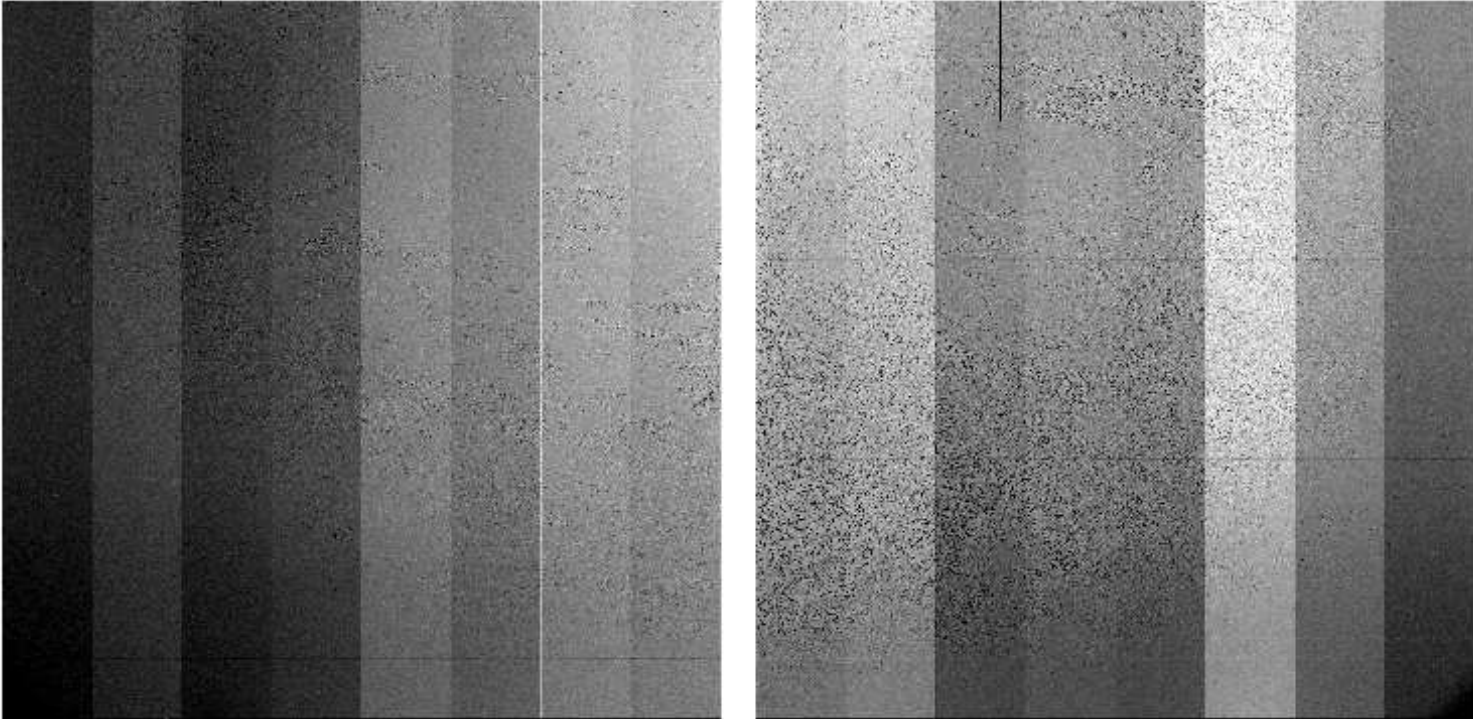
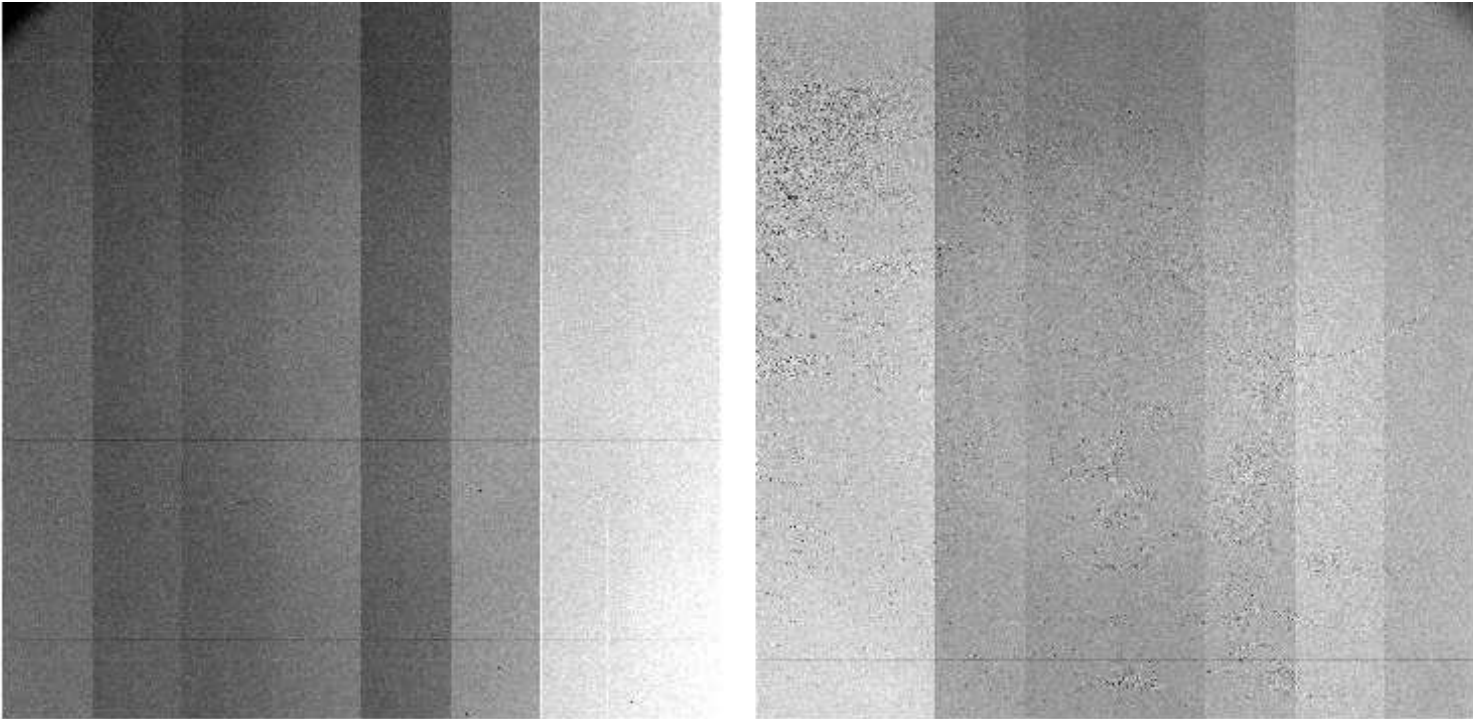
-90.0

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24

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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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kmta.20260810.034186.fits

ALL

FLAT

dflat

13:47:49.660

-20:49:42.20

15

1.45

17:11:26

I

2026-08-10T09:57:57

-273.15

48 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

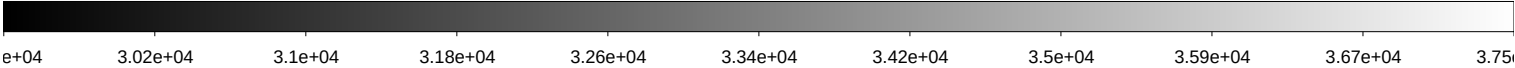
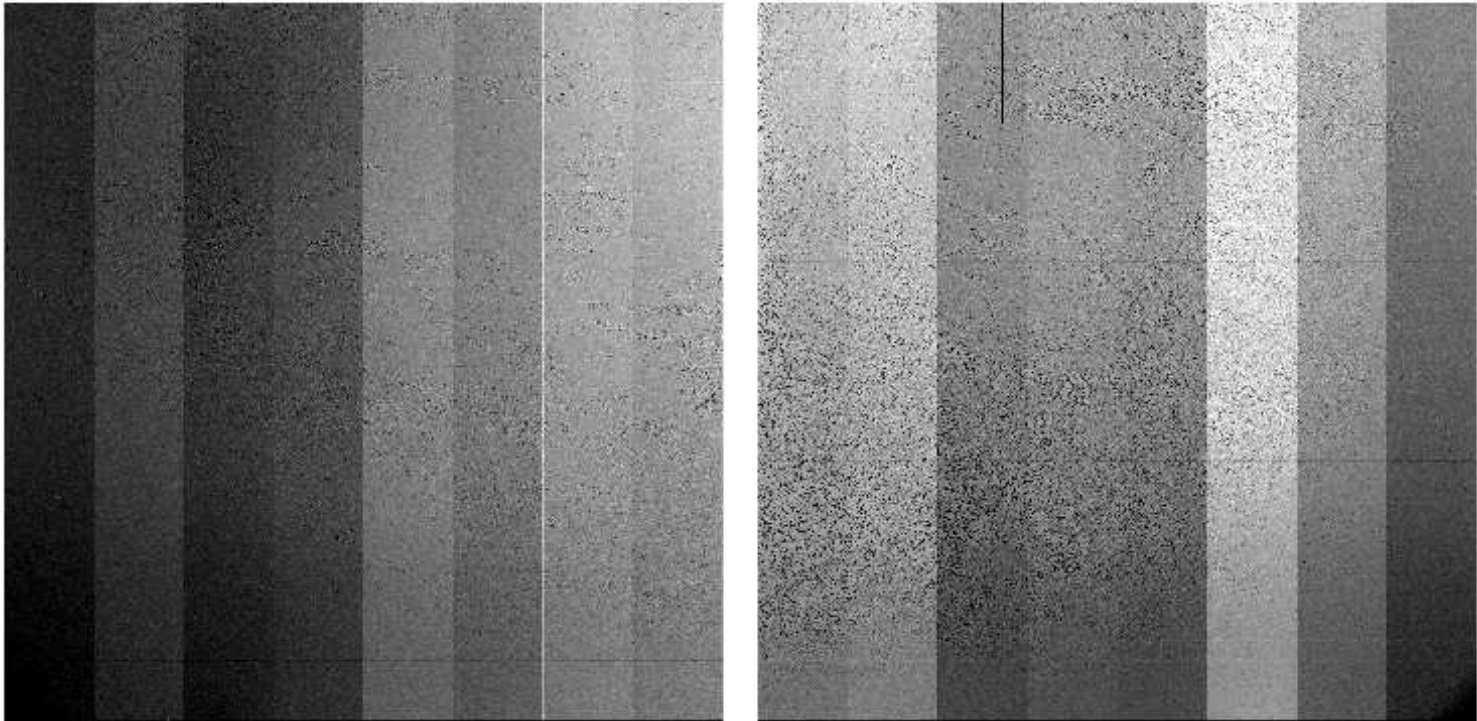
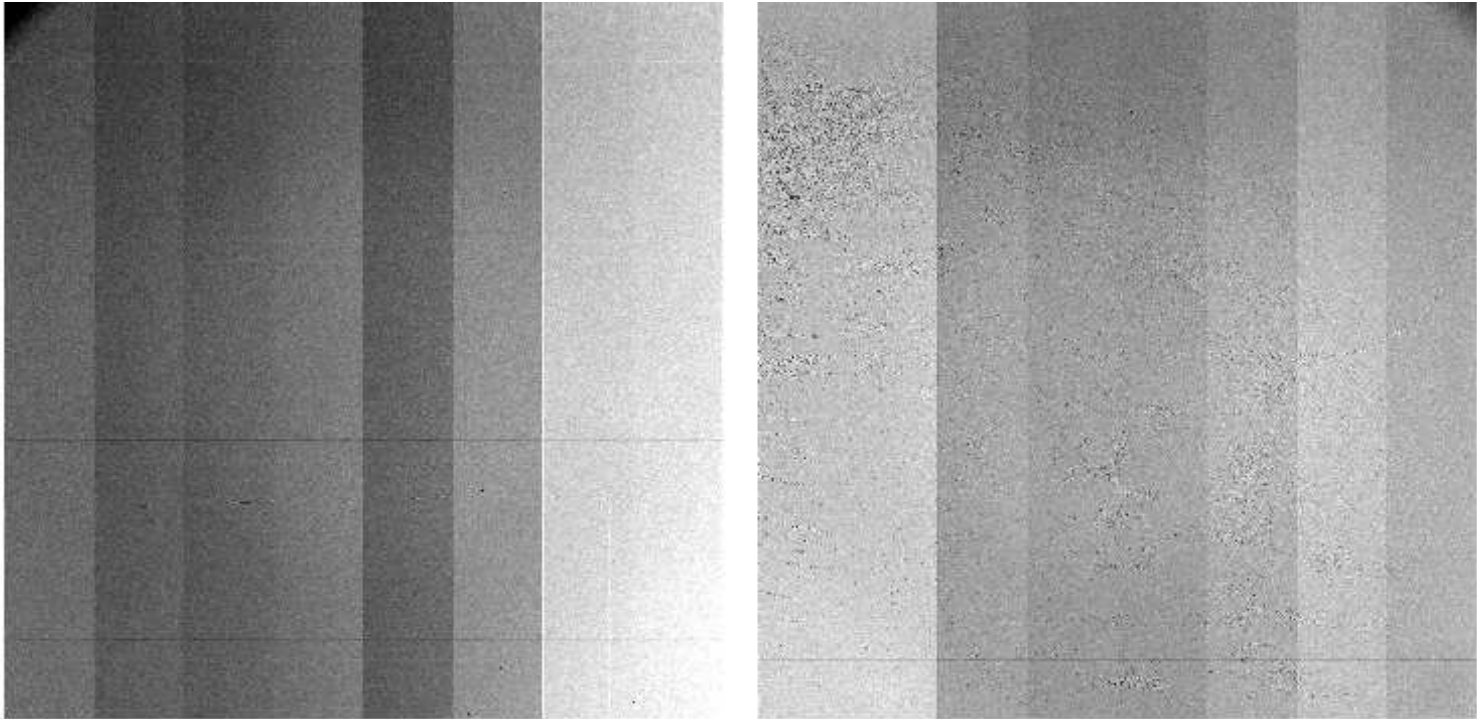
-90.0

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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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kmta.20260810.034187.fits

ALL

FLAT

dflat

13:49:14.890

-20:49:42.30

15

1.45

17:12:51

I

2026-08-10T09:59:23

-273.15

49 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

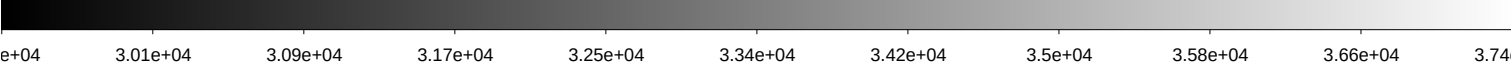
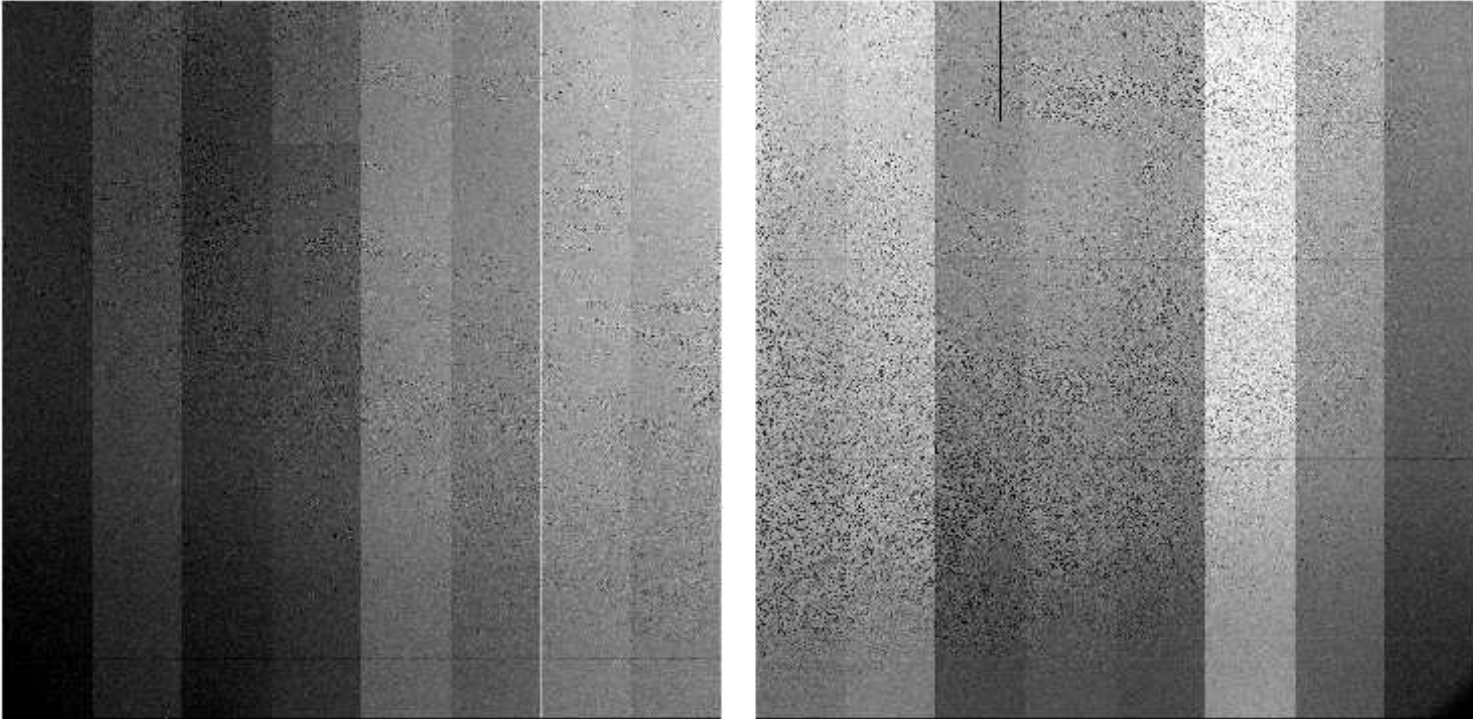
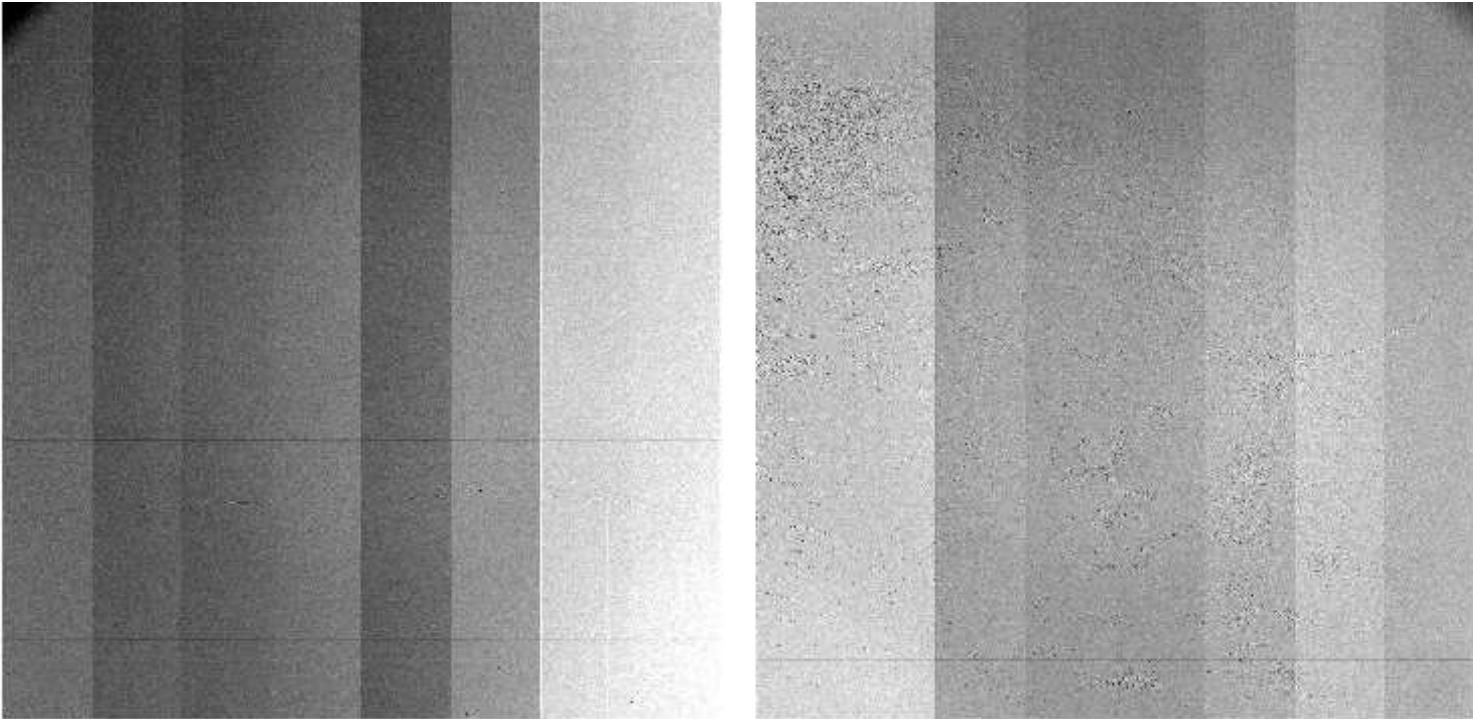
-90.0

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24

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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kmta.20260810.034188.fits

ALL

FLAT

dflat

13:50:38.120

-20:49:42.40

10

1.45

17:14:15

I

2026-08-10T10:00:46

-273.15

50 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

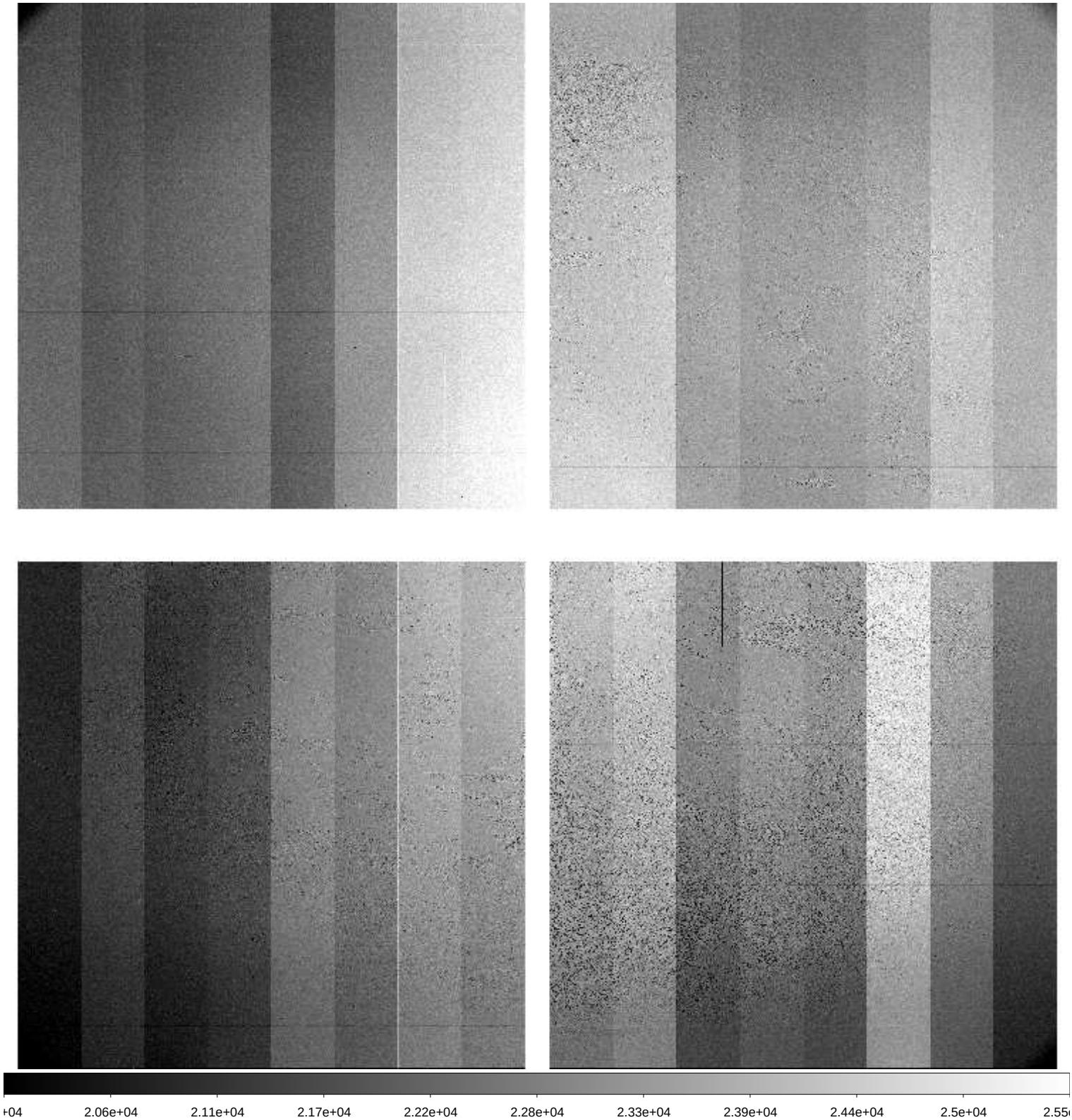
-90.0

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24

0.0



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260810.034189.fits

: ALL

: FLAT

: dflat

: 13:52:00.550

: -20:49:42.40

: 10

: 1.45

: 17:15:37

: I

: 2026-08-10T10:02:09

: -273.15

51 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 43.5

: -90.0

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: 24

: 0.0

Two side-by-side grayscale astronomical images. The left image is a reference flat field, showing a smooth gradient from dark on the left to light on the right. The right image is the observed data, showing a similar gradient but with significant vertical banding and a bright, diffuse nebula on the right side.

Two side-by-side grayscale astronomical images. The left image is a reference flat field, showing a smooth gradient from dark on the left to light on the right. The right image is the observed data, showing a similar gradient but with significant vertical banding and a bright, diffuse nebula on the right side.

A horizontal color bar with a grayscale gradient from black to white. The bar is labeled with numerical values in scientific notation: e+04, 2.11e+04, 2.17e+04, 2.22e+04, 2.28e+04, 2.34e+04, 2.4e+04, 2.45e+04, 2.51e+04, 2.57e+04, and 2.62e+04.

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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kmta.20260810.034190.fits

ALL

FLAT

dflat

13:53:20.760

-20:49:42.50

17.5

1.45

17:16:57

I

2026-08-10T10:03:28

-273.15

52 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

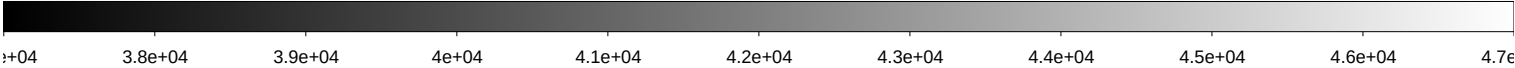
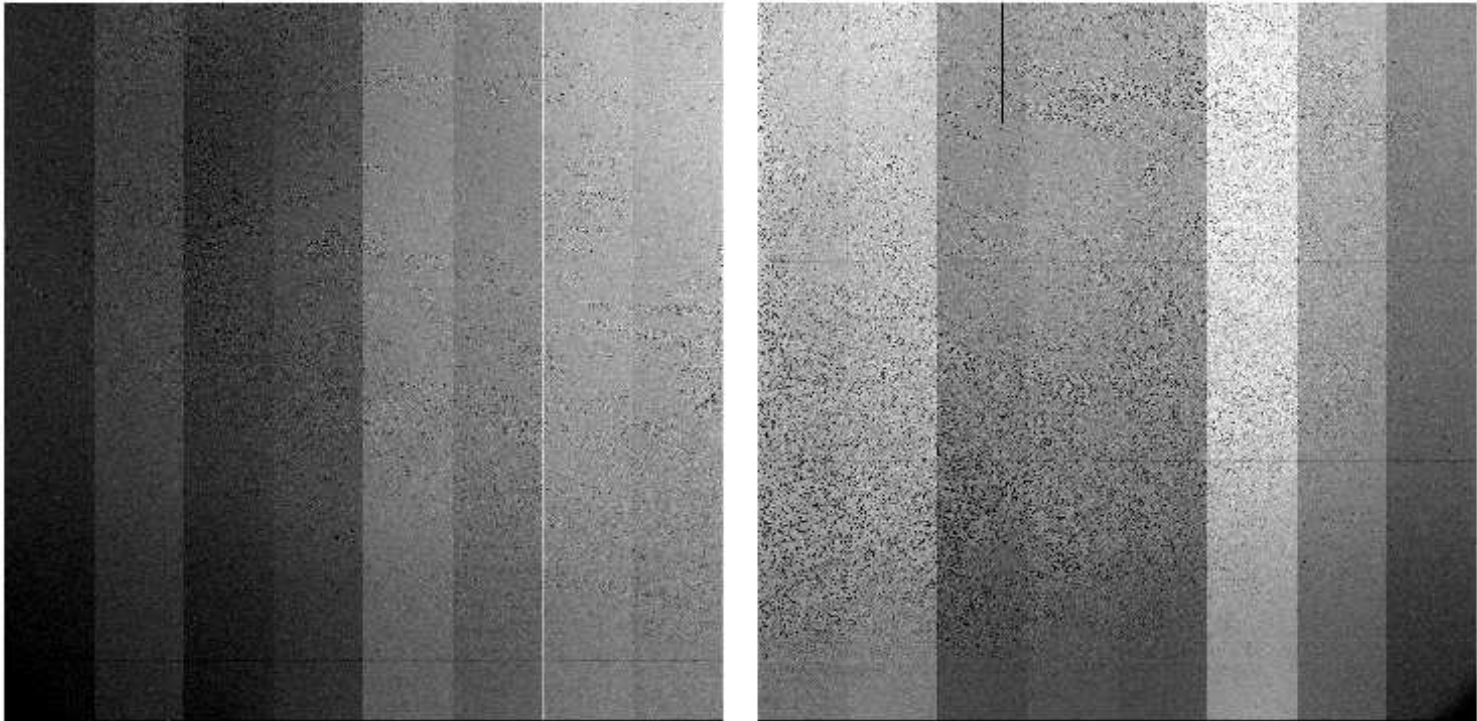
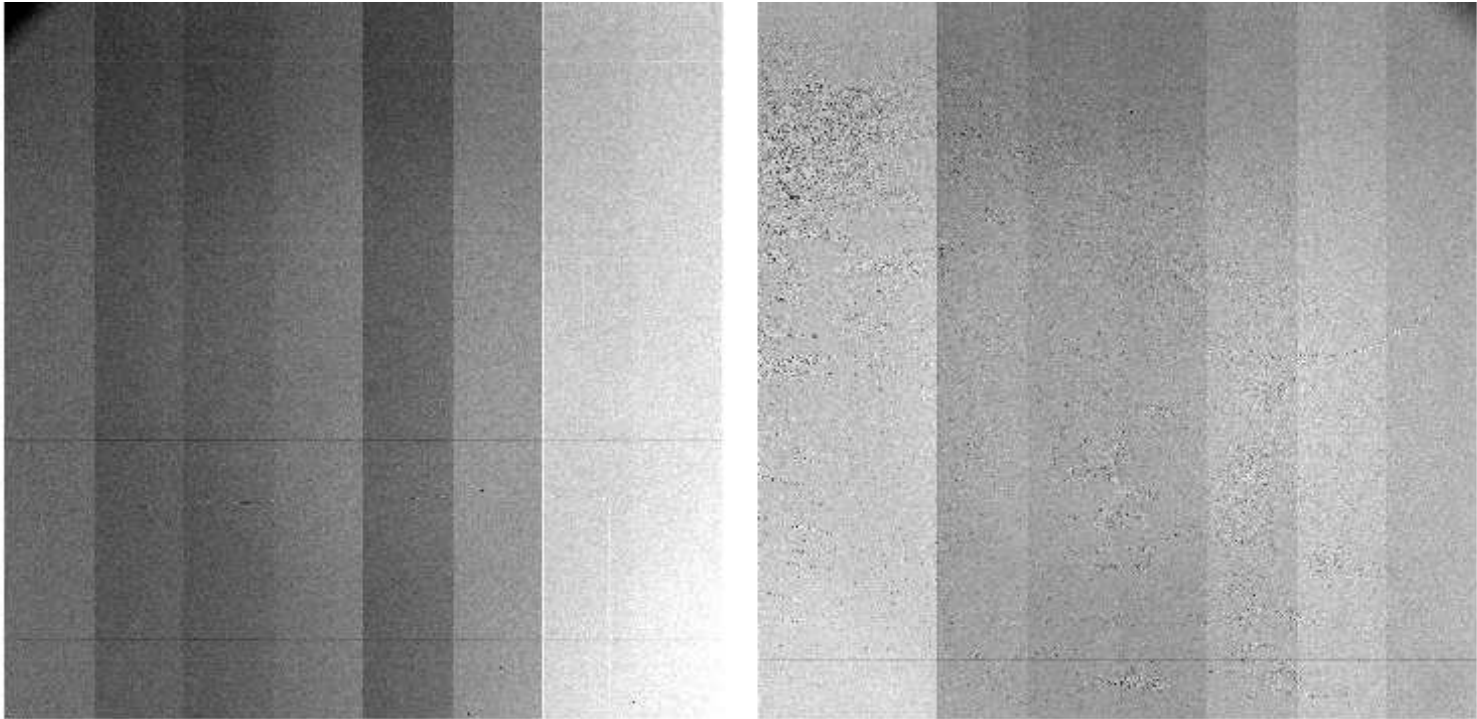
-90.0

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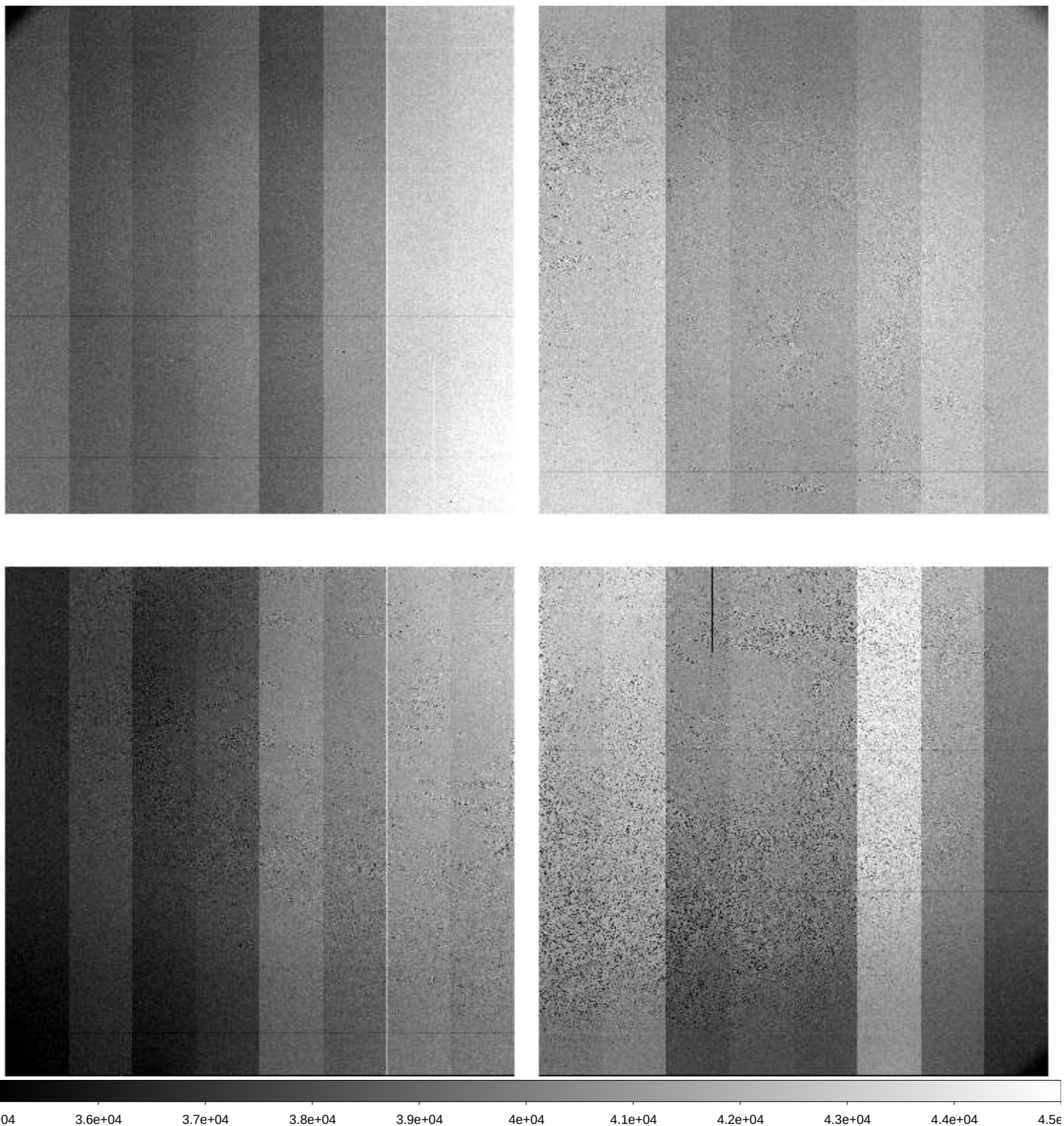
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24

0.0



File Name	:	kmta.20260810.034191.fits	# 53 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	13:54:48.200	
DEC	:	-20:49:42.50	
Exposure Time	:	17.5	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	17:18:25	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T10:04:55	Weather
CCD Temperature	:	-273.15	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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kmta.20260810.034192.fits

ALL

FLAT

dflat

13:56:15.640

-20:49:42.60

17.5

1.45

17:19:52

I

2026-08-10T10:06:22

-273.15

54 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

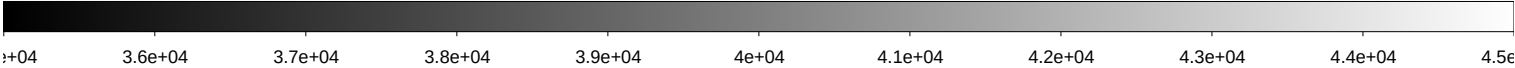
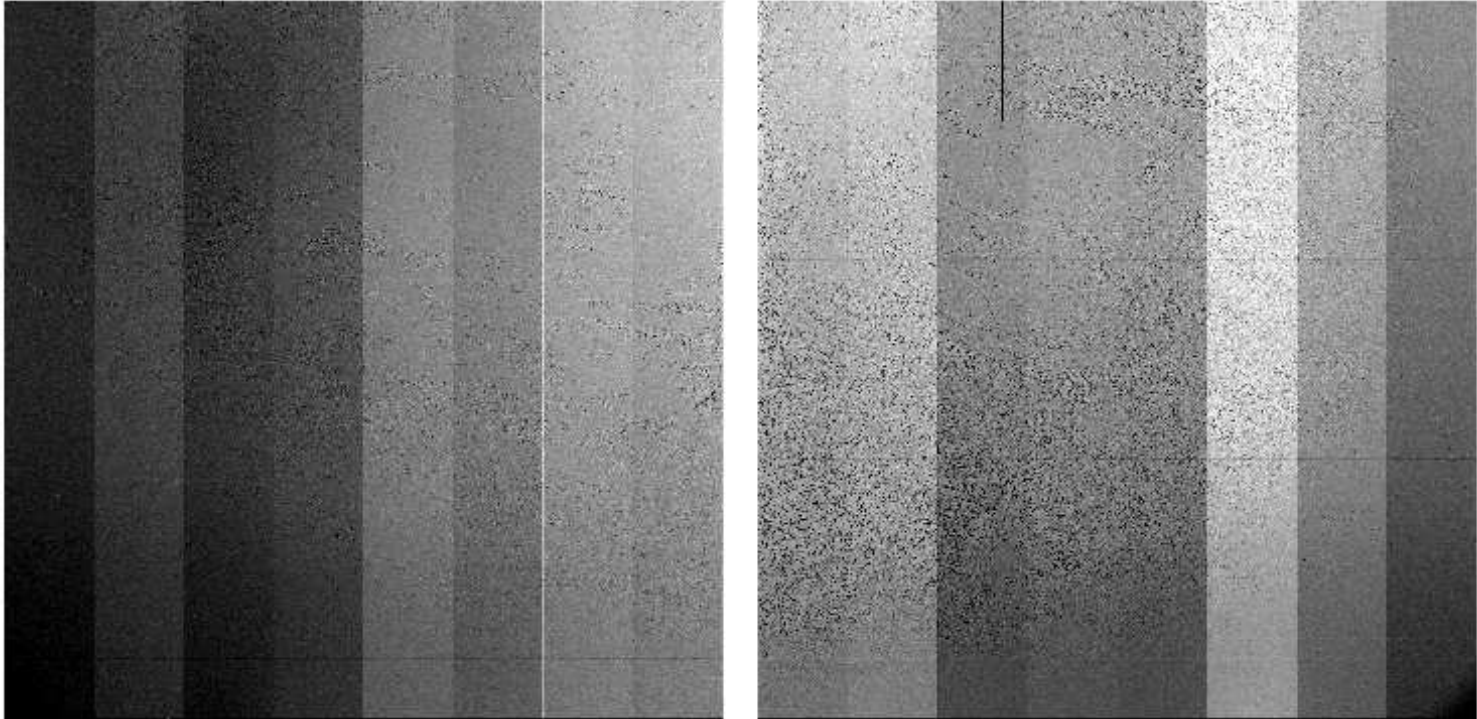
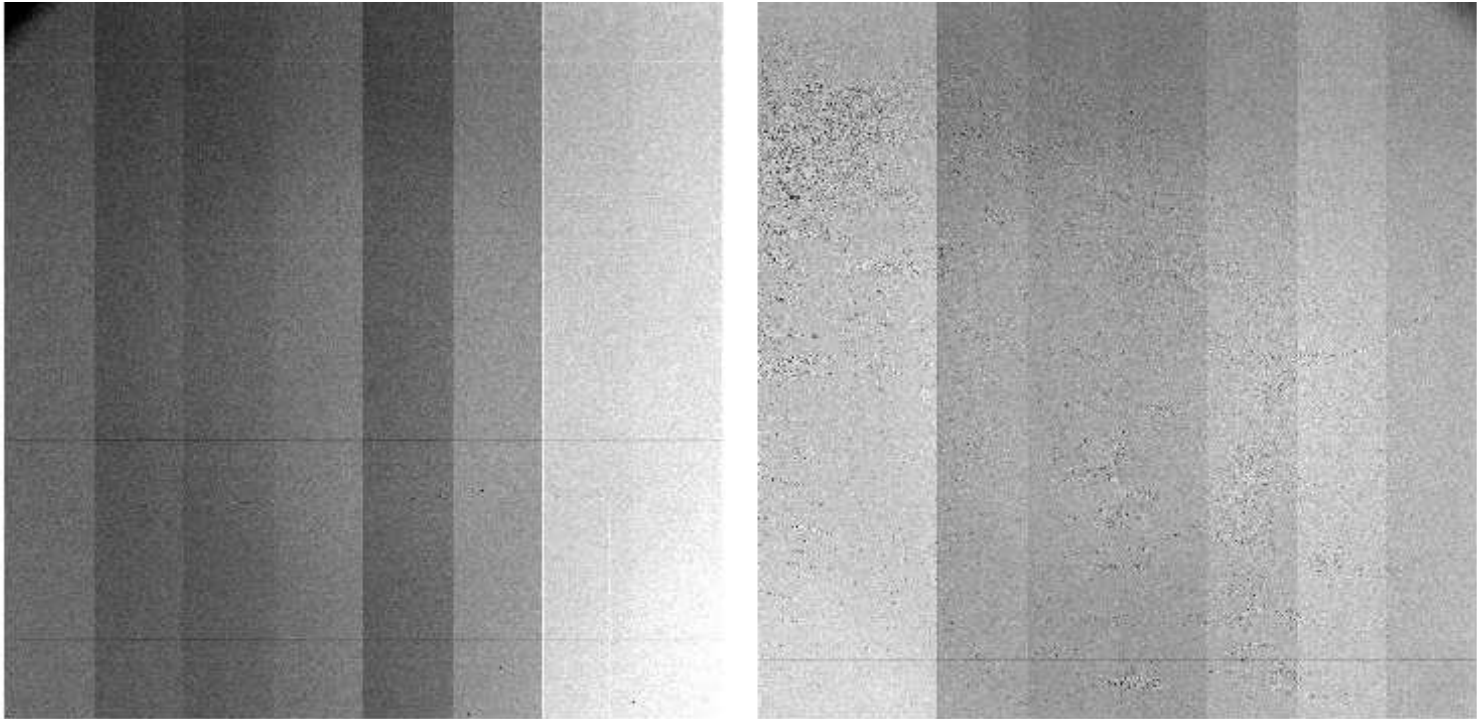
-90.0

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24

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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kmta.20260810.034193.fits

ALL

FLAT

dflat

13:57:45.280

-20:49:42.60

17.5

1.45

17:21:22

I

2026-08-10T10:07:52

-273.15

55 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

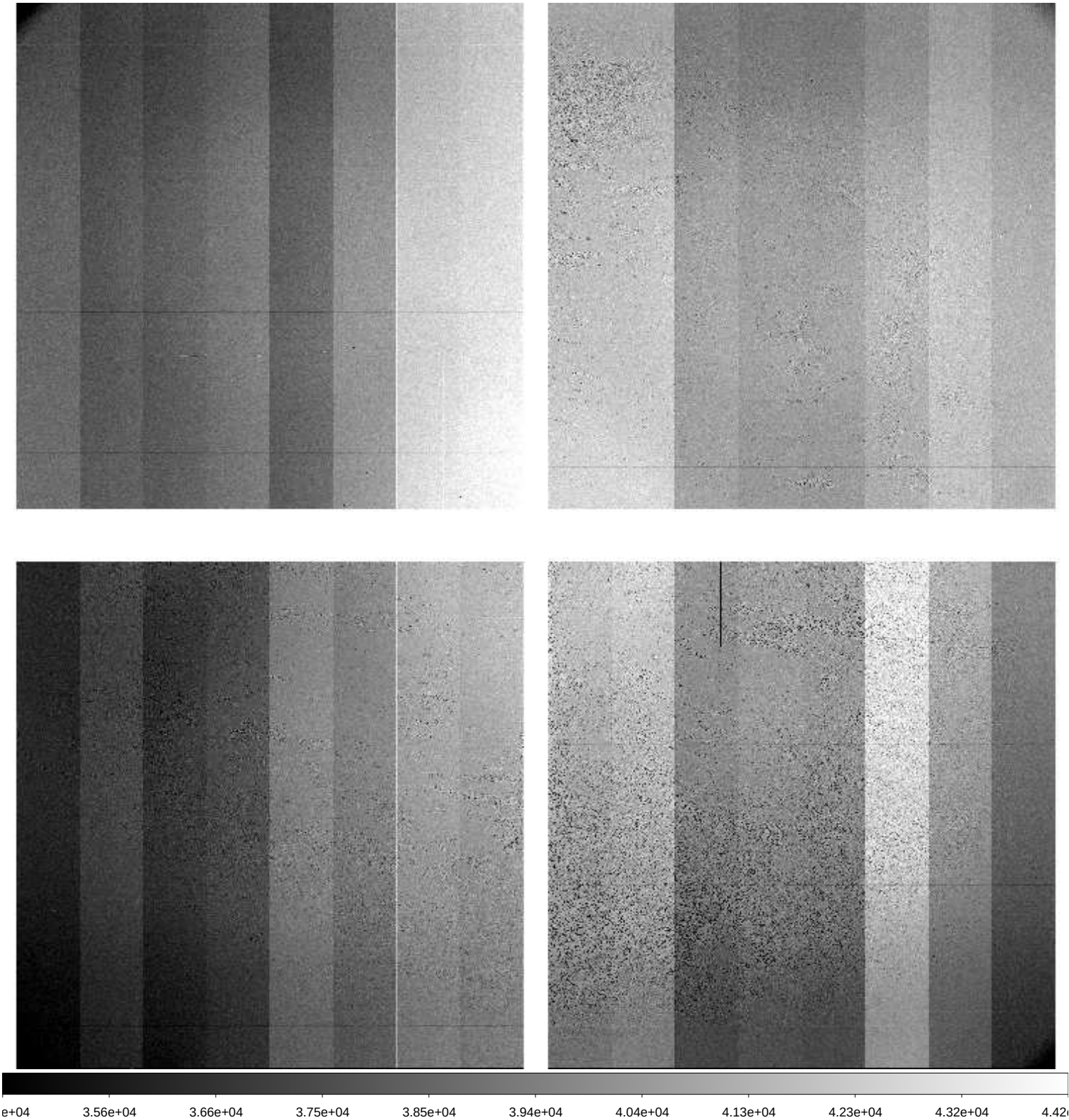
-90.0

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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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kmta.20260810.034194.fits

ALL

FLAT

dflat

13:59:12.520

-20:49:42.70

17.5

1.45

17:22:49

I

2026-08-10T10:09:19

-273.15

56 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

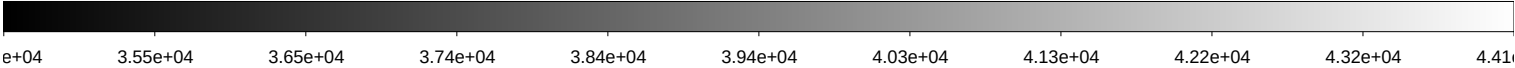
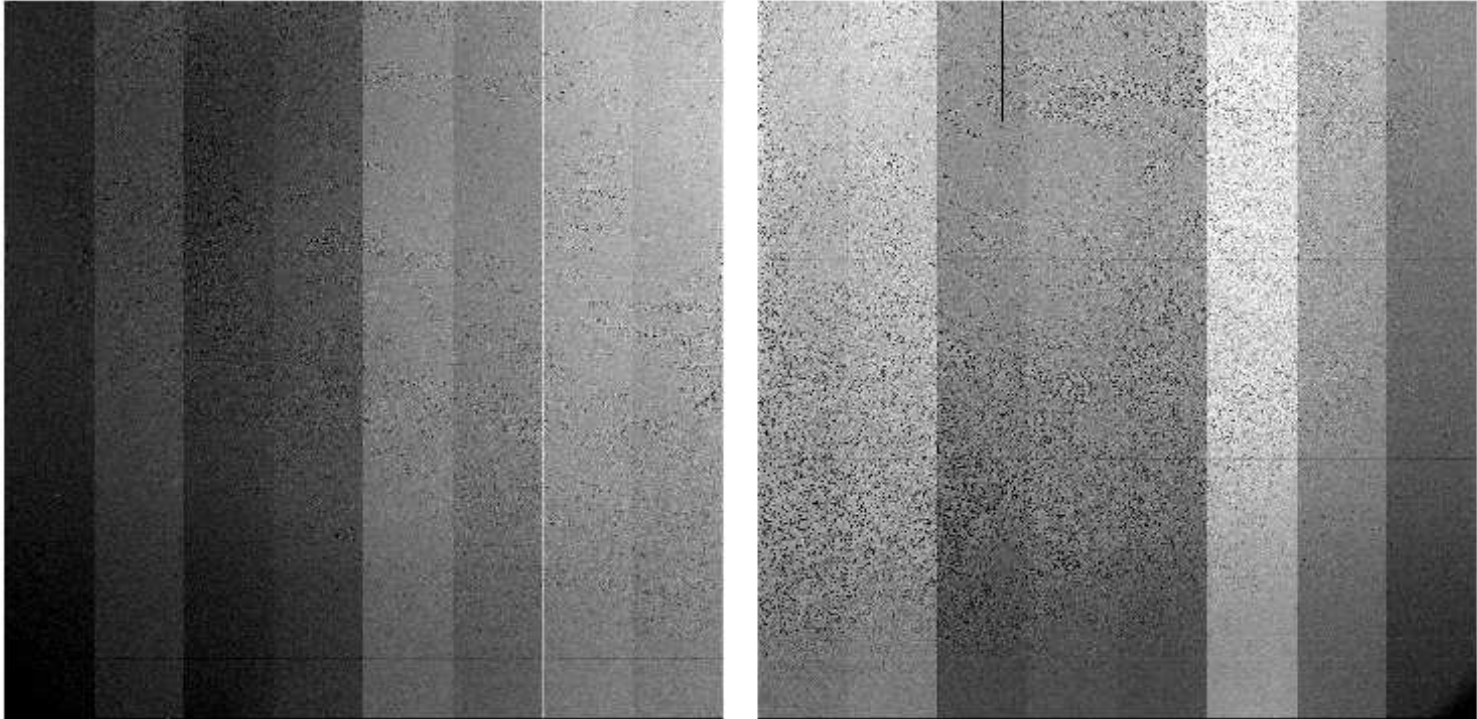
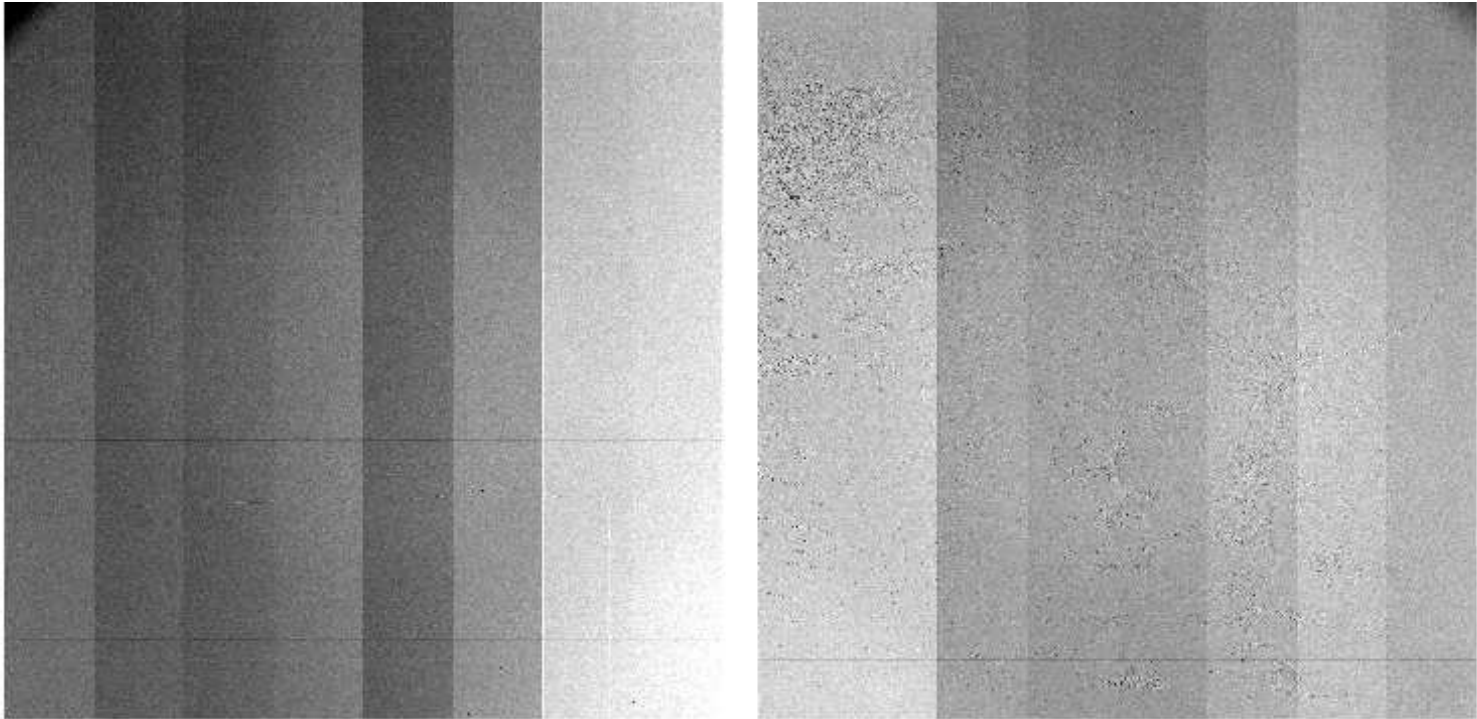
-90.0

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24

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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kmta.20260810.034195.fits

ALL

FLAT

dflat

14:00:41.160

-20:49:42.70

10

1.45

17:24:18

I

2026-08-10T10:10:47

-273.15

57 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

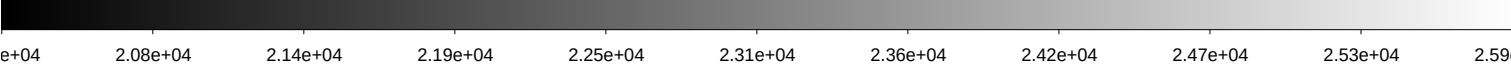
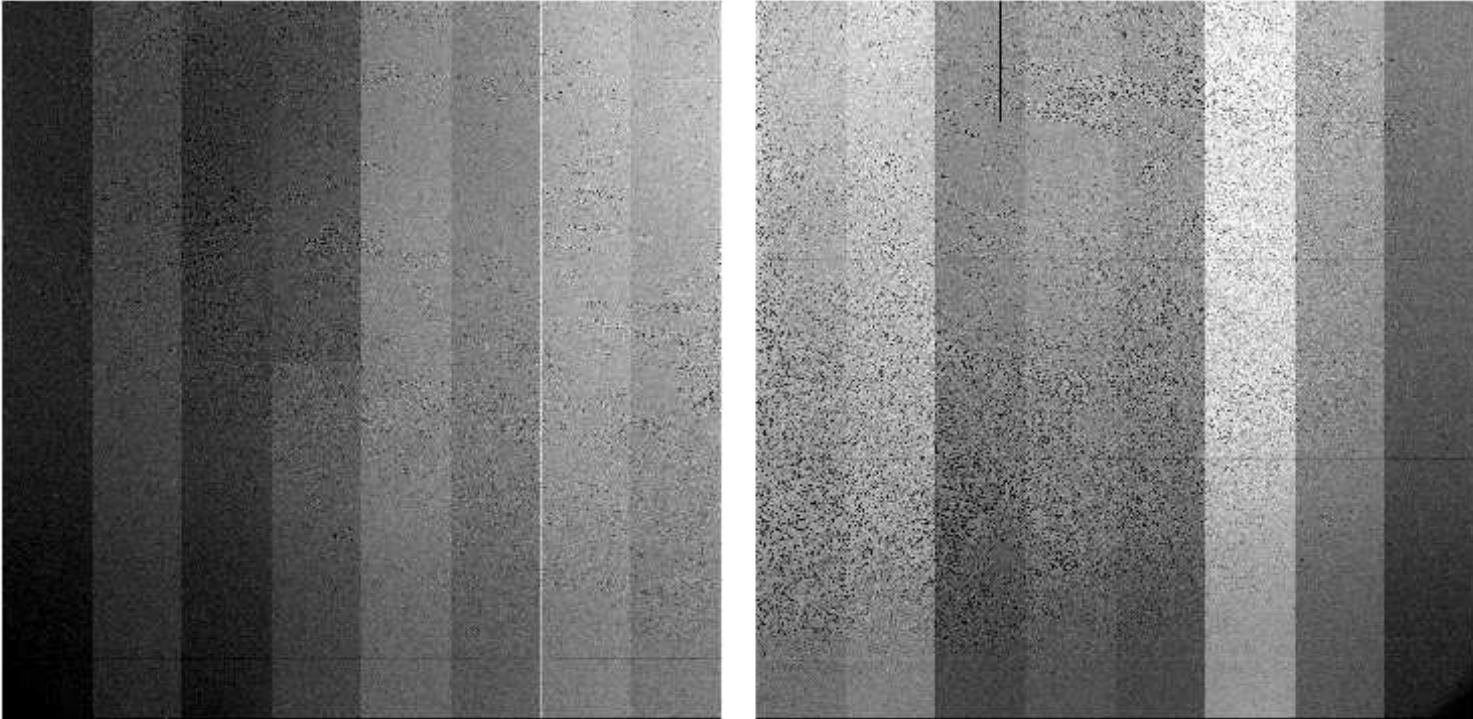
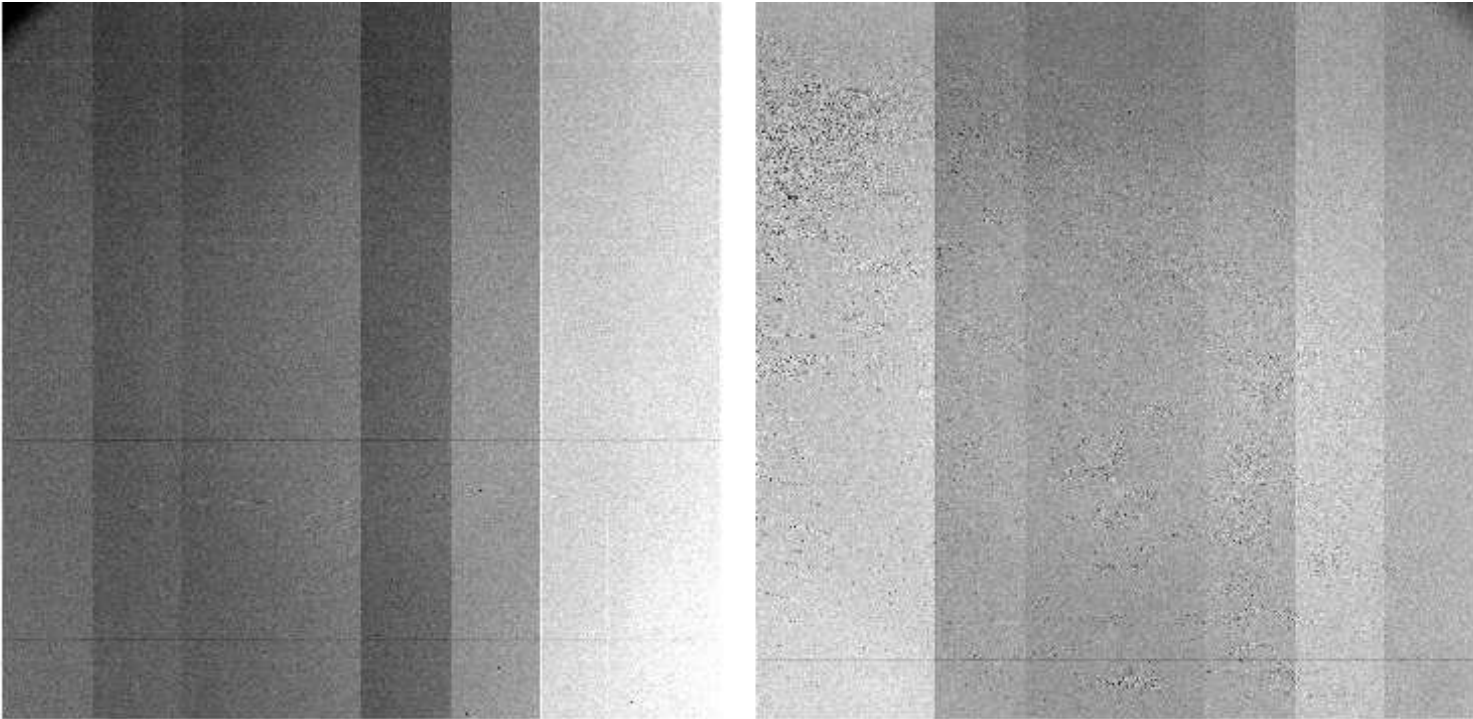
-90.0

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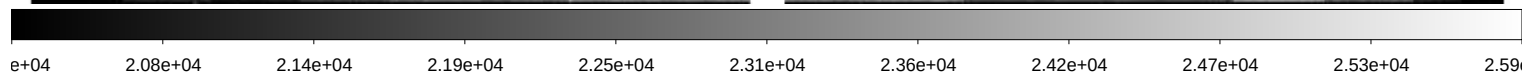
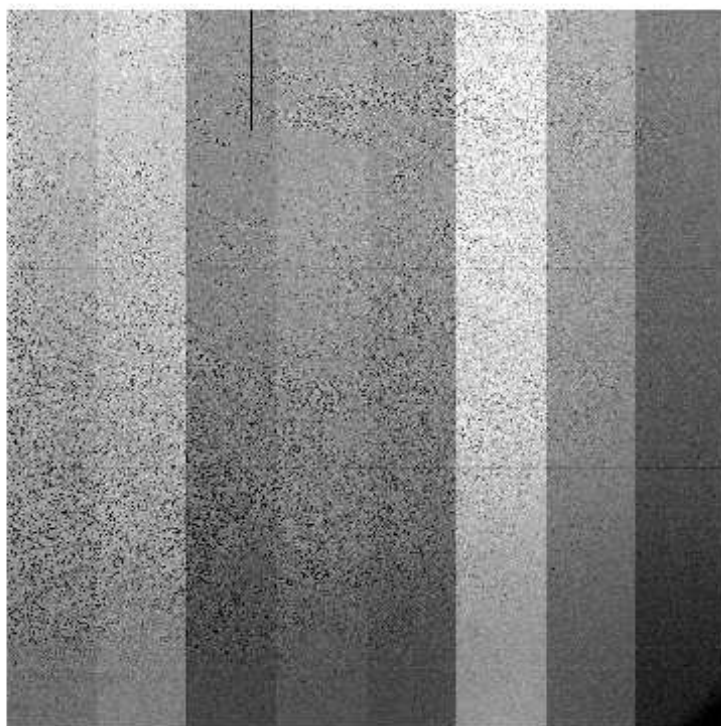
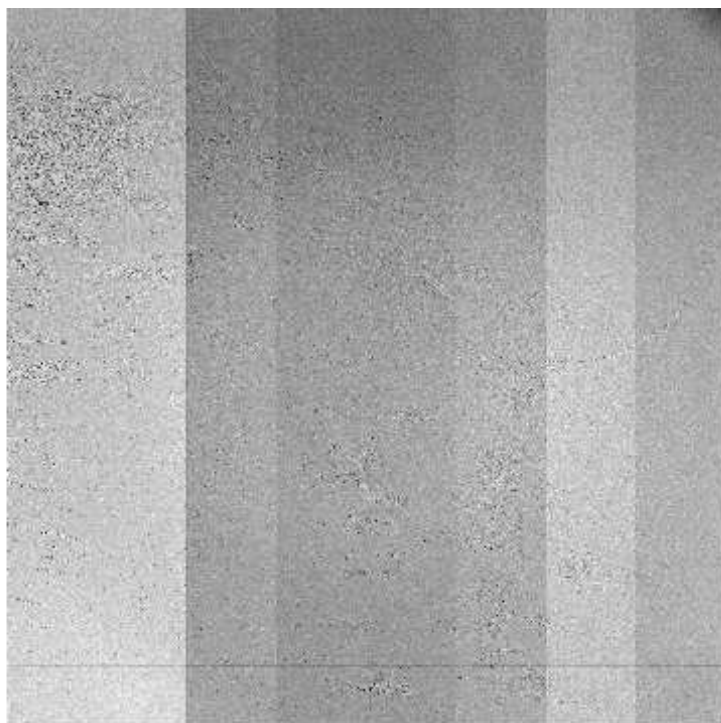
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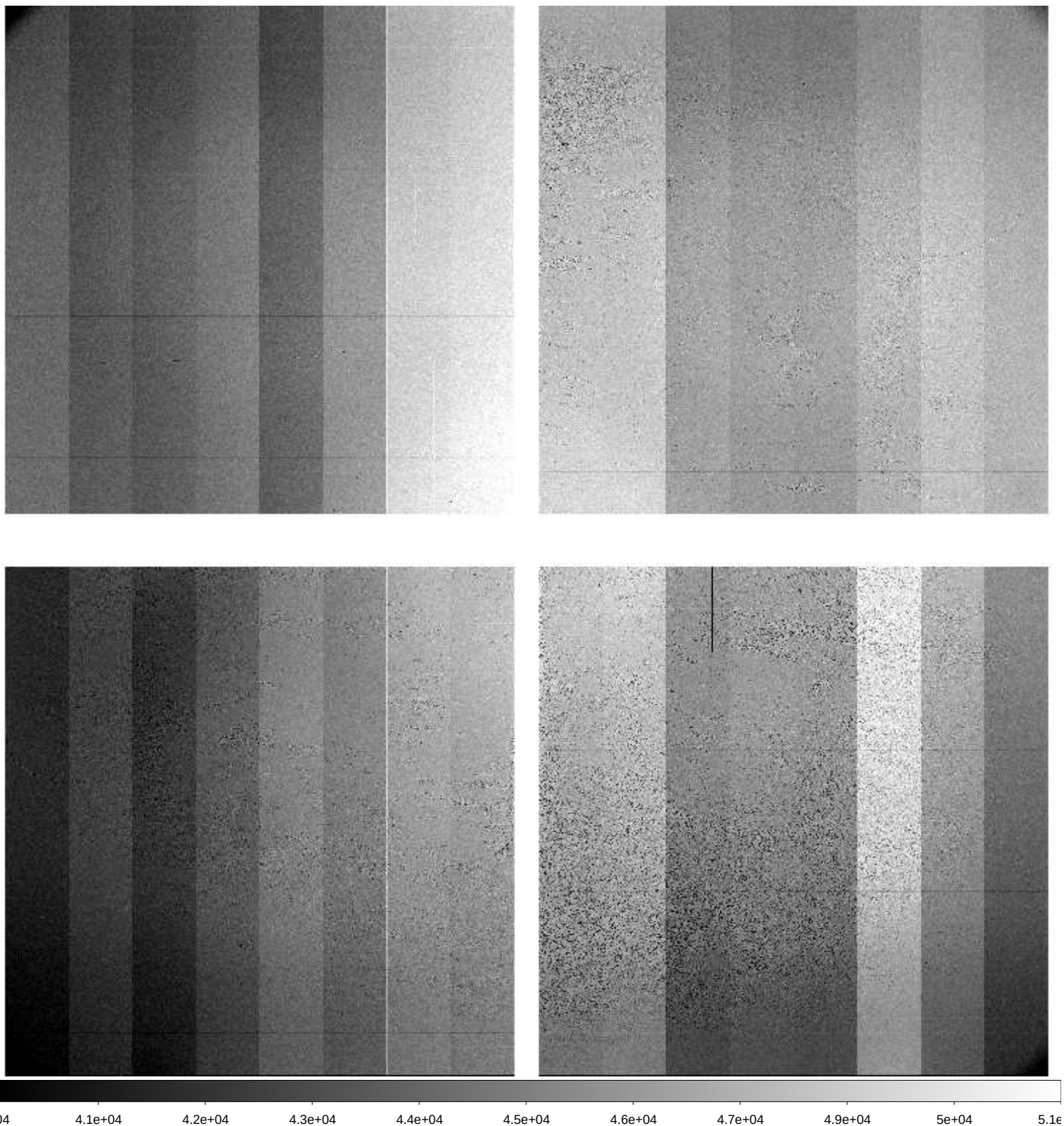
0.0



ALT	:	43.5
AZ	:	-90.0
Image Issue	:	—
CHIP	:	—
Weather	:	24
Moon Effect	:	0.0

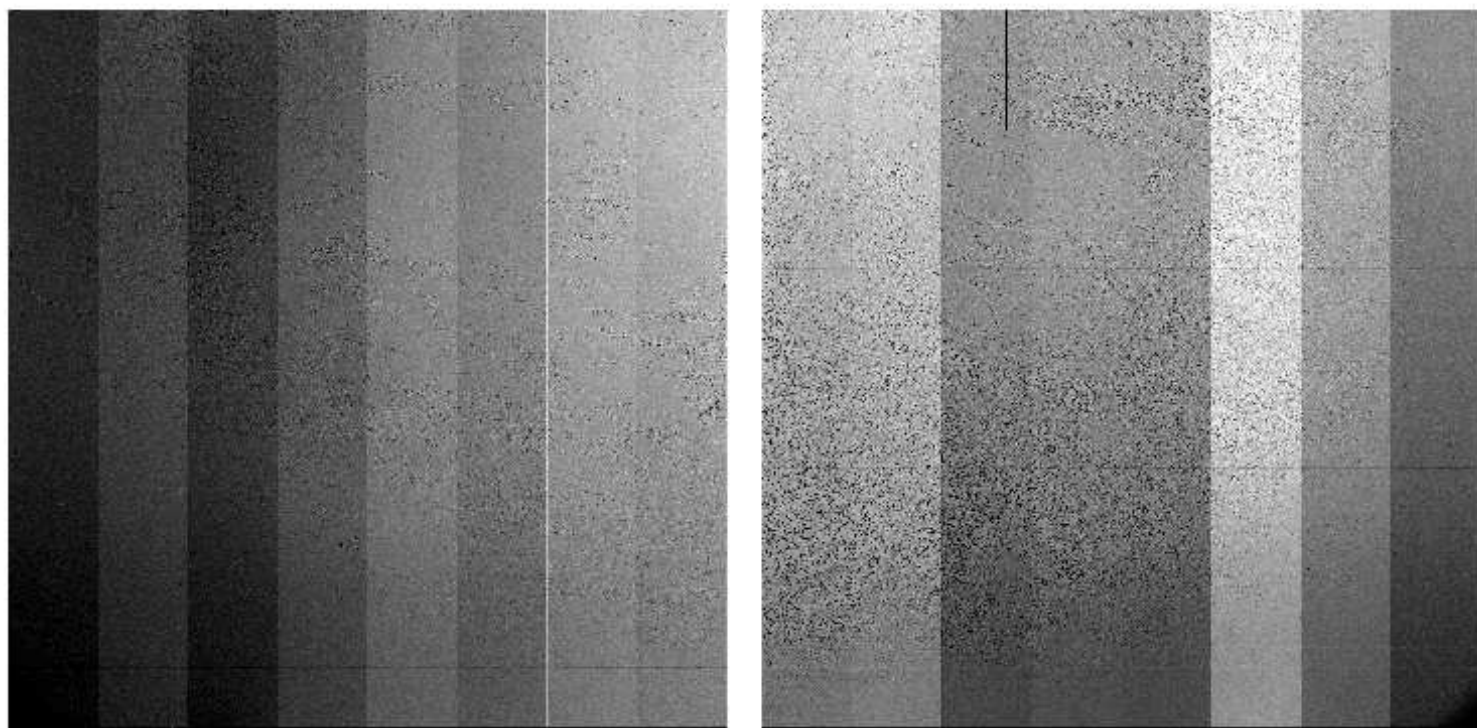
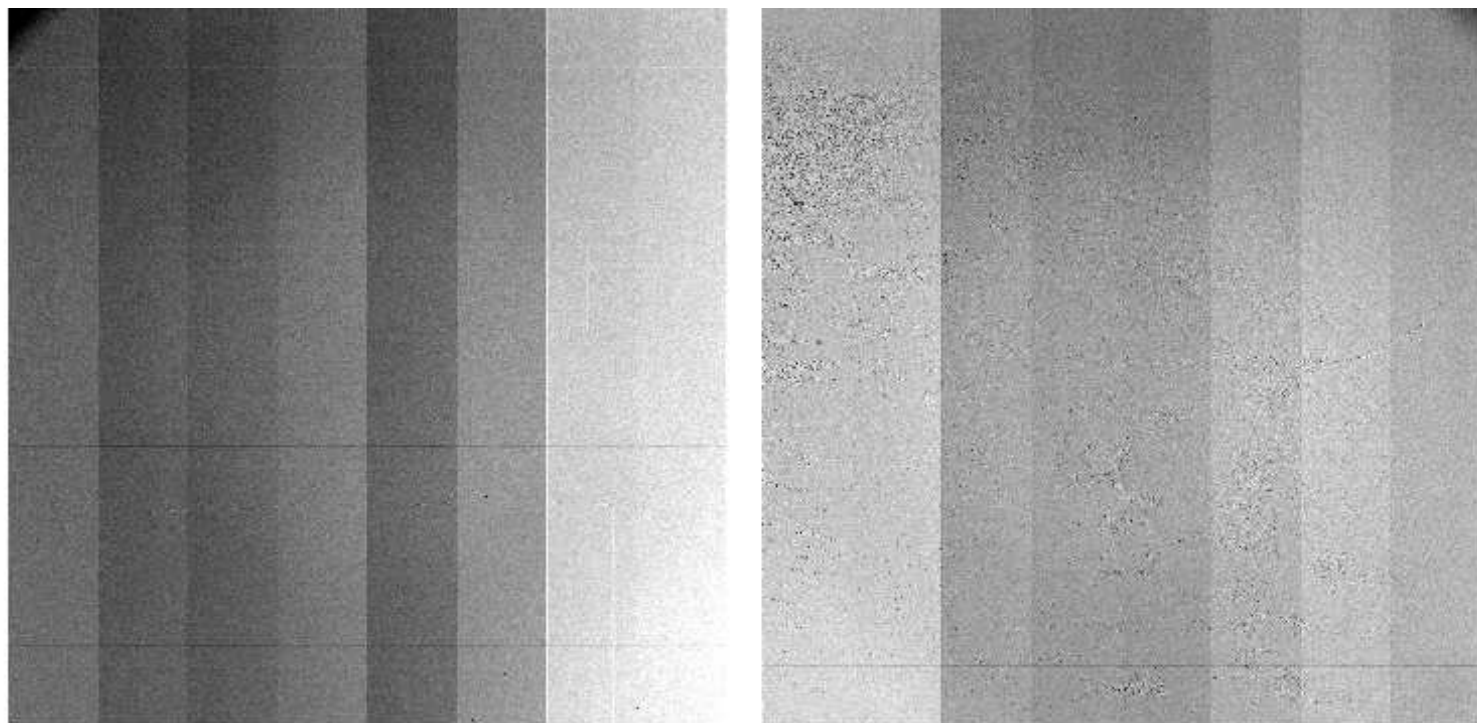


File Name	:	kmta.20260810.034197.fits	# 59 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	14:03:18.390	
DEC	:	-20:49:42.90	
Exposure Time	:	20	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	17:26:55	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T10:13:24	Weather
CCD Temperature	:	-273.15	Moon Effect



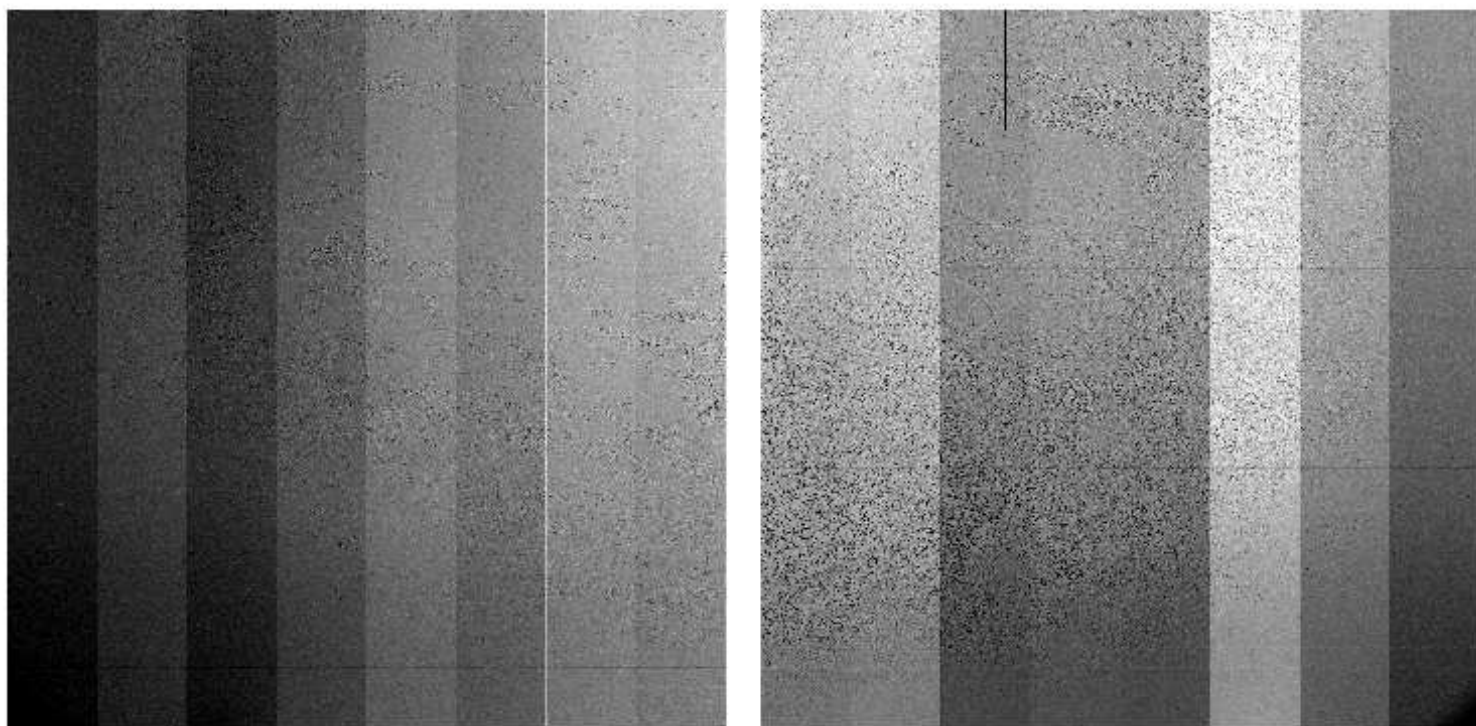
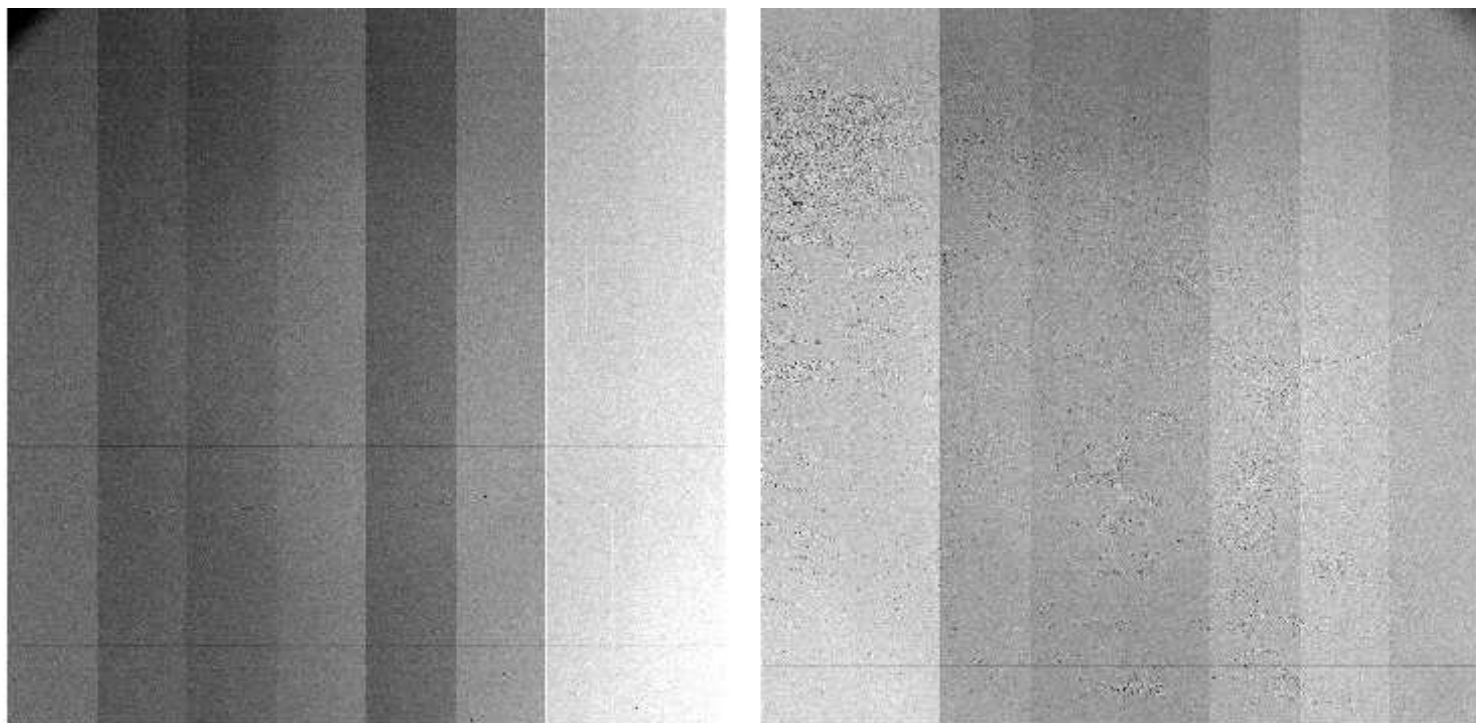
File Name	:	km.ta.20260810.034198.fits	# 60 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	14:04:48.640	
DEC	:	-20:49:42.90	
Exposure Time	:	20	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	17:28:25	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T10:14:55	Weather
CCD Temperature	:	-273.15	Moon Effect

60 / 77



4.0e+04 4.1e+04 4.2e+04 4.3e+04 4.4e+04 4.5e+04 4.6e+04 4.7e+04 4.8e+04 4.9e+04 5e+04

File Name	:	km.ta.20260810.034199.fits	# 61 / 77 #
Project ID	:	ALL	
Image Type	:	FLAT	
Object Name	:	dflat	
RA	:	14:06:20.280	
DEC	:	-20:49:43.00	
Exposure Time	:	20	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	17:29:57	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-08-10T10:16:12	Weather
CCD Temperature	:	-273.15	Moon Effect



3e+04	4e+04	4.2e+04	4.3e+04	4.4e+04	4.5e+04	4.6e+04	4.7e+04	4.8e+04	4.9e+04	5e+04
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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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kmta.20260810.034200.fits

ALL

FLAT

dflat

14:07:40.700

-20:49:43.00

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1.45

17:31:17

I

2026-08-10T10:17:32

-273.15

62 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

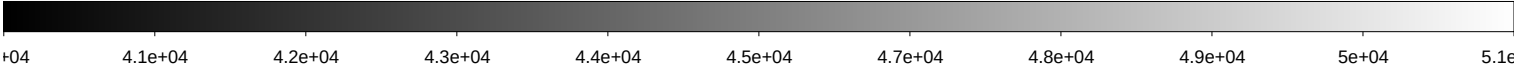
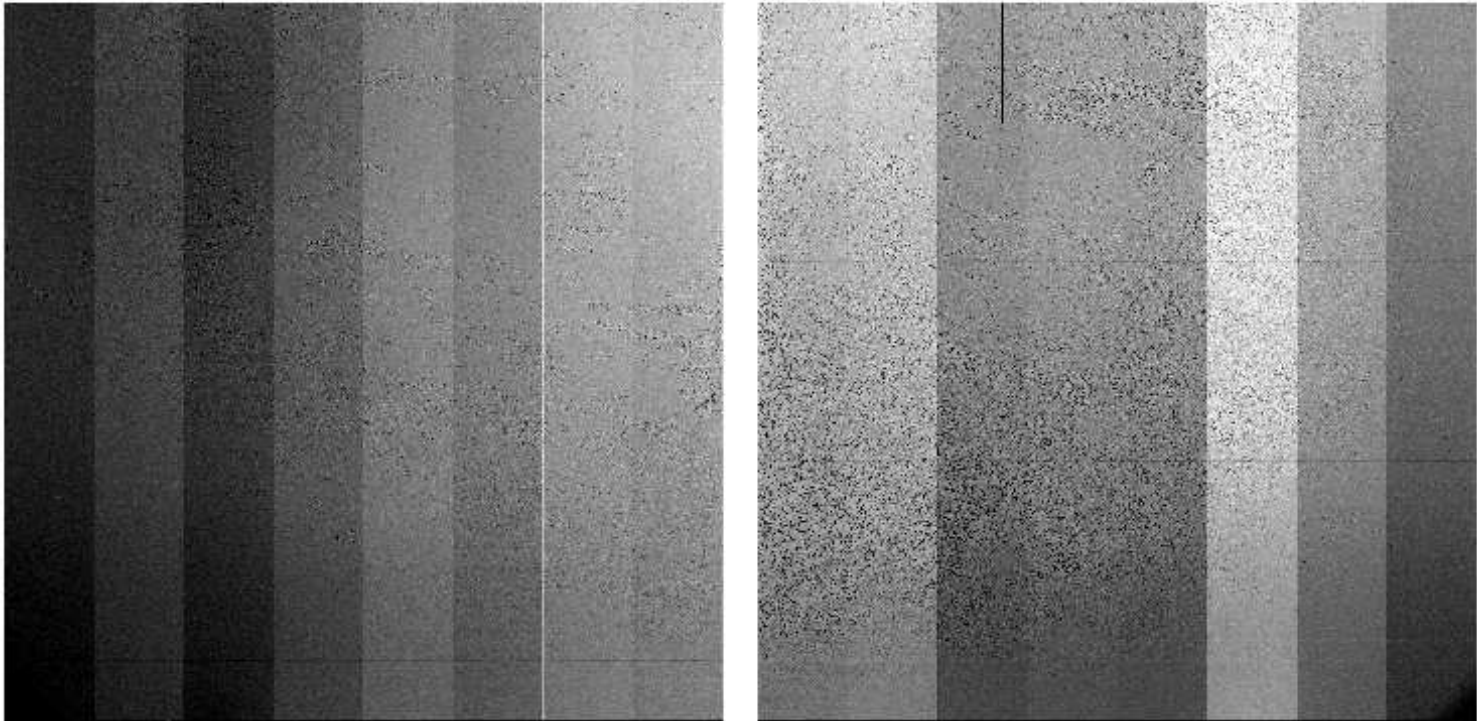
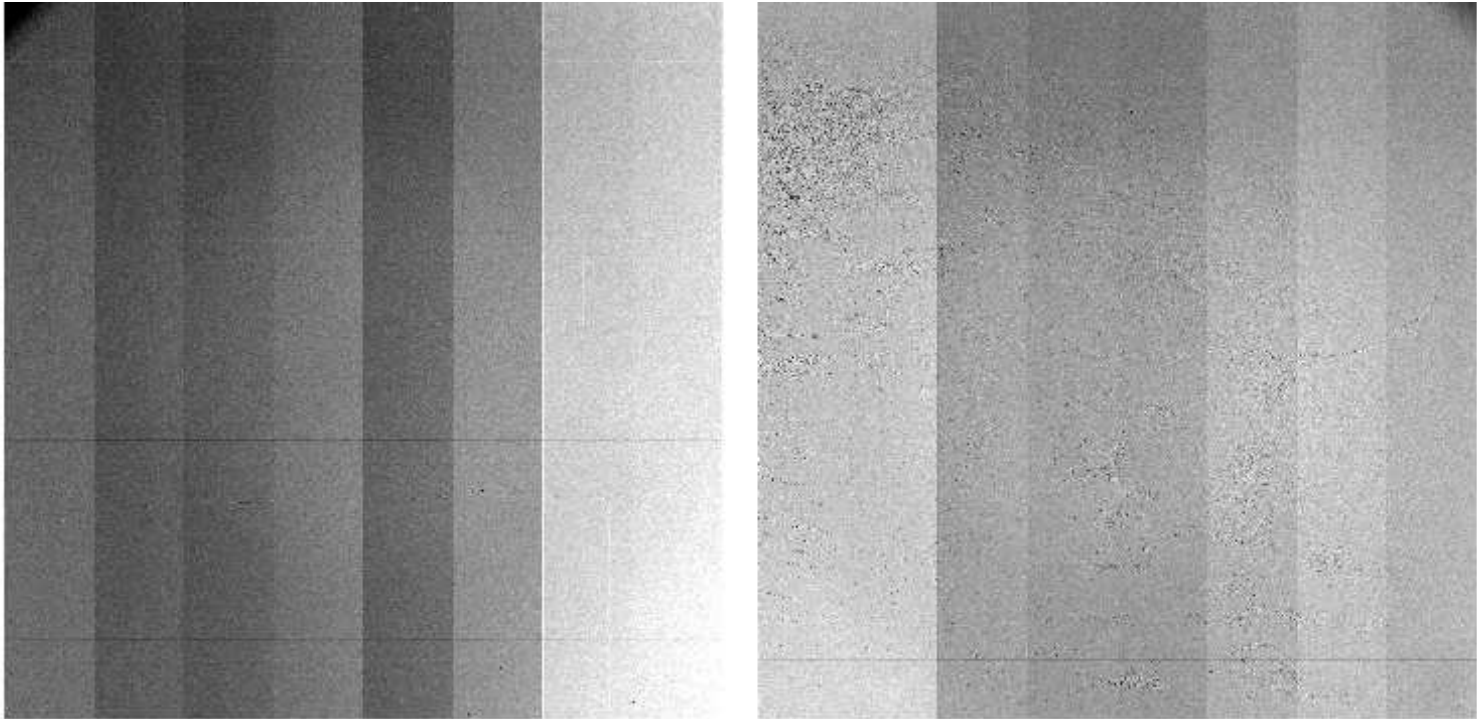
-90.0

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24

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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kmta.20260810.034201.fits

ALL

FLAT

dflat

14:08:59.920

-20:49:43.10

20

1.45

17:32:36

I

2026-08-10T10:18:52

-273.15

63 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

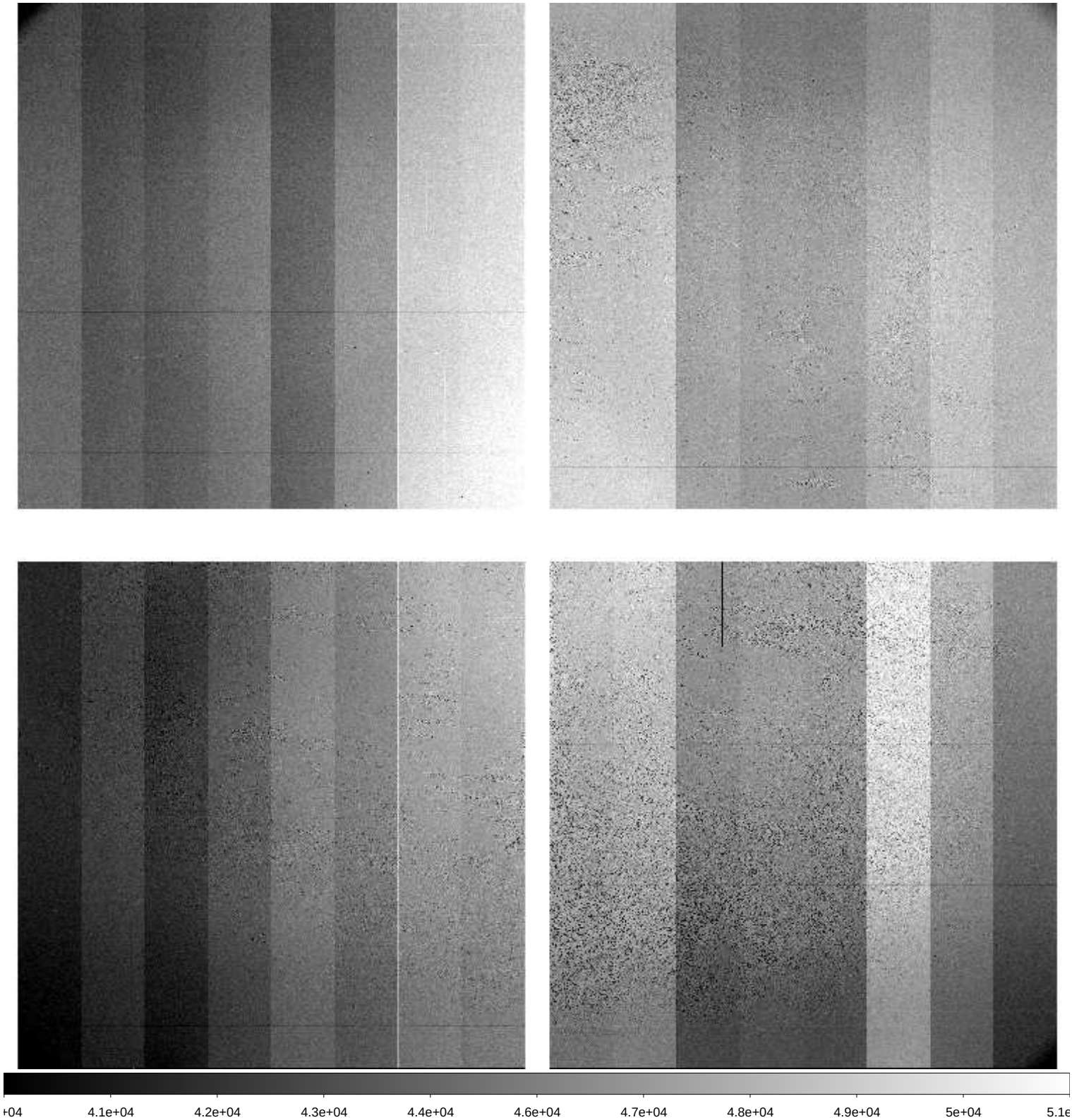
-90.0

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24

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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kmta.20260810.034202.fits

ALL

FLAT

dflat

14:10:18.340

-20:49:43.10

10

1.45

17:33:55

I

2026-08-10T10:20:22

-273.15

64 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

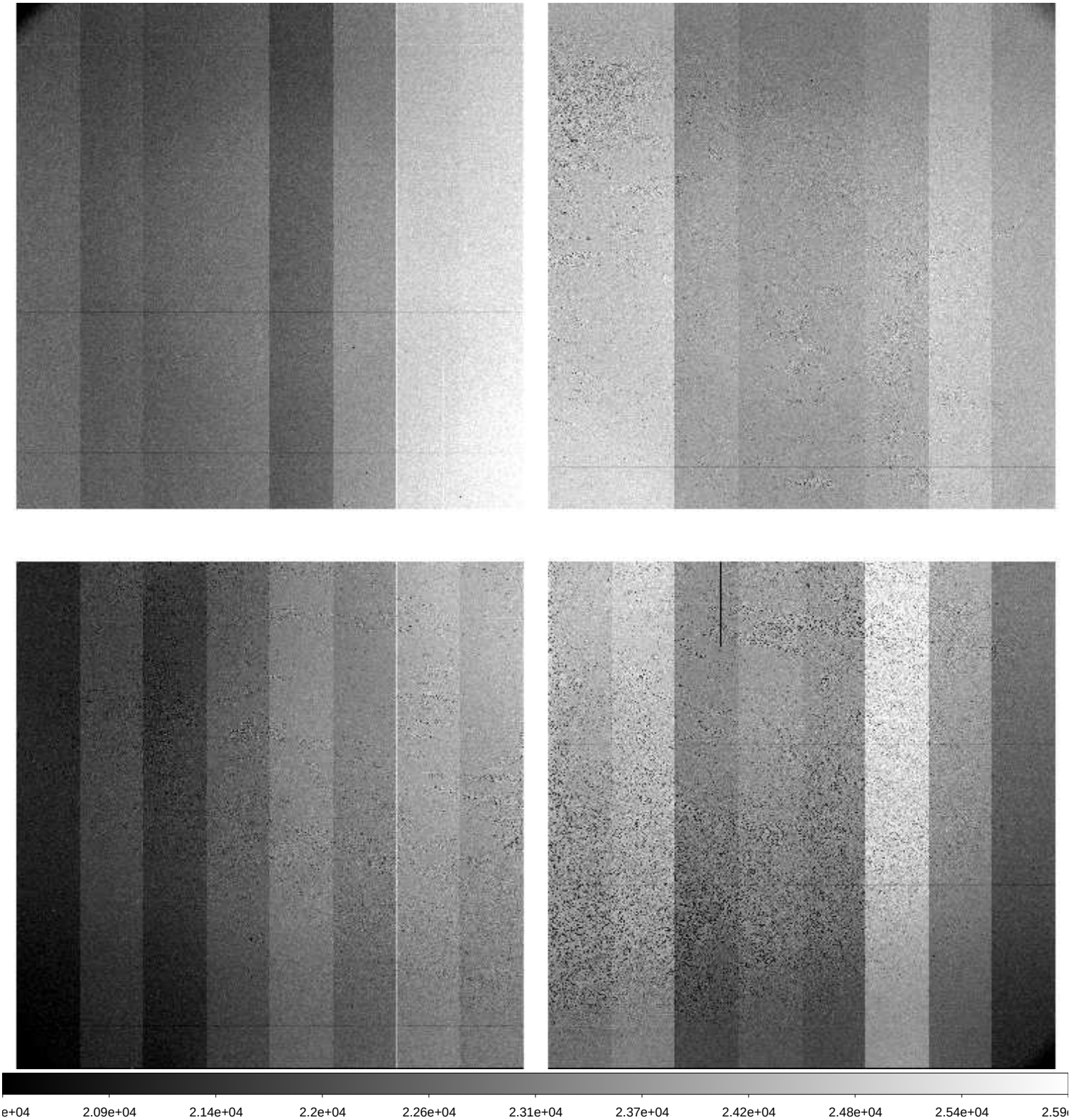
-90.0

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24

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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kmta.20260810.034203.fits

ALL

FLAT

dflat

14:11:40.560

-20:49:43.10

10

1.45

17:35:17

I

2026-08-10T10:21:44

-273.15

65 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

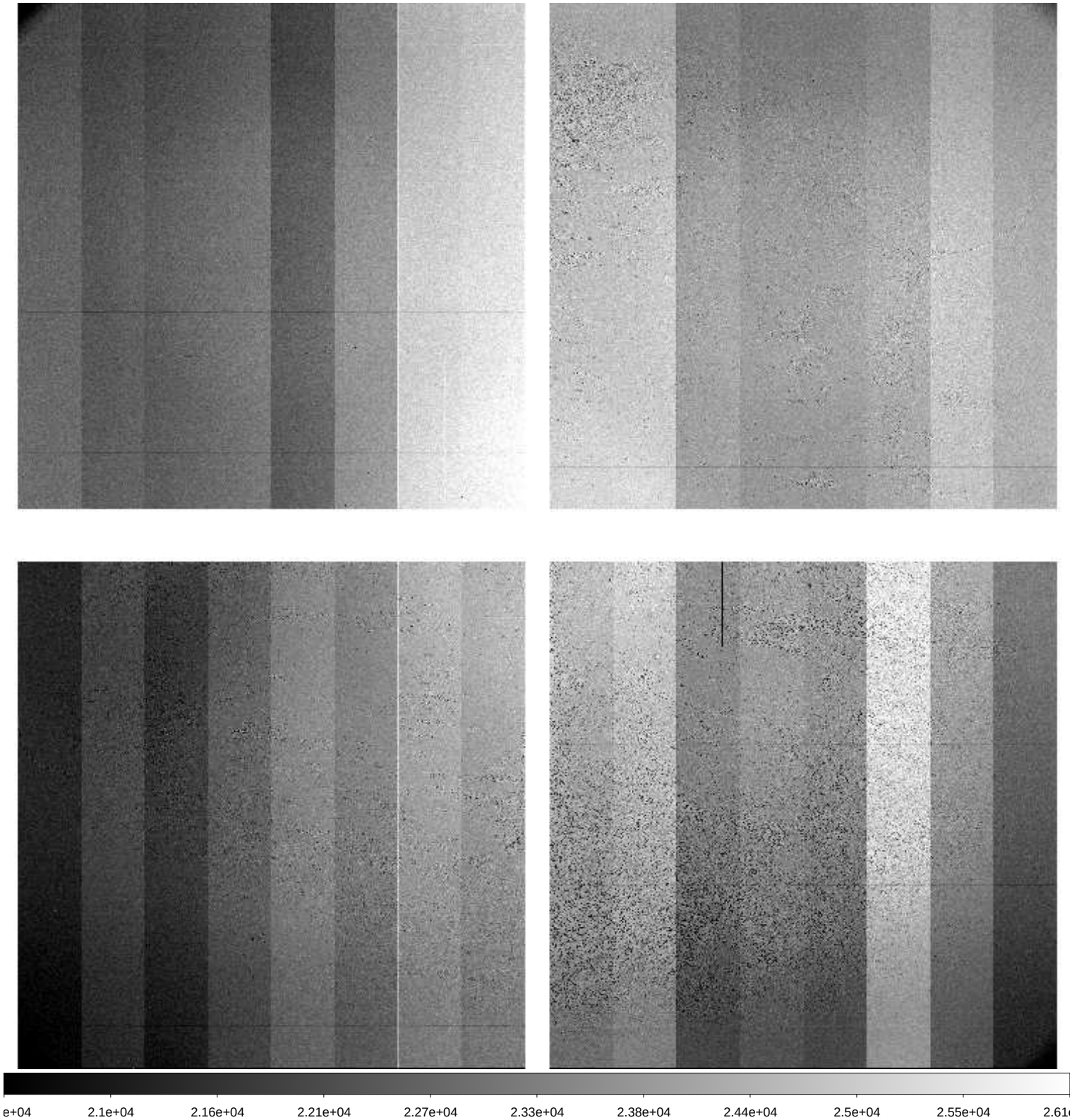
-90.0

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24

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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kmta.20260810.034204.fits

ALL

BIAS

dflat

14:13:19.030

-20:49:43.20

0

1.45

17:36:55

I

2026-08-10T10:23:10

-273.15

66 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

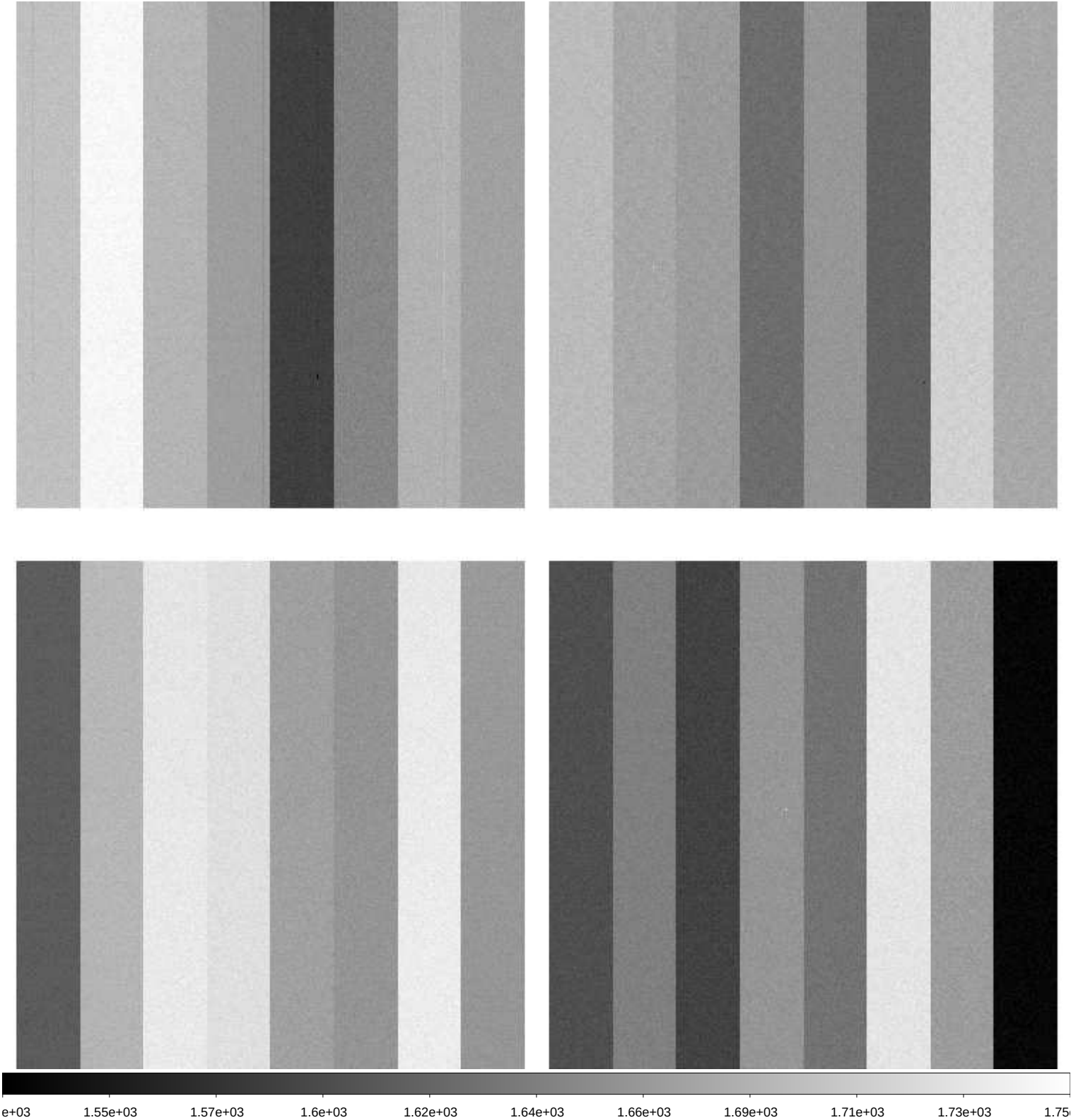
-90.0

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24

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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kmta.20260810.034205.fits

ALL

BIAS

dflat

14:14:16.790

-20:49:43.30

0

1.45

17:37:53

I

2026-08-10T10:24:08

-273.15

67 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

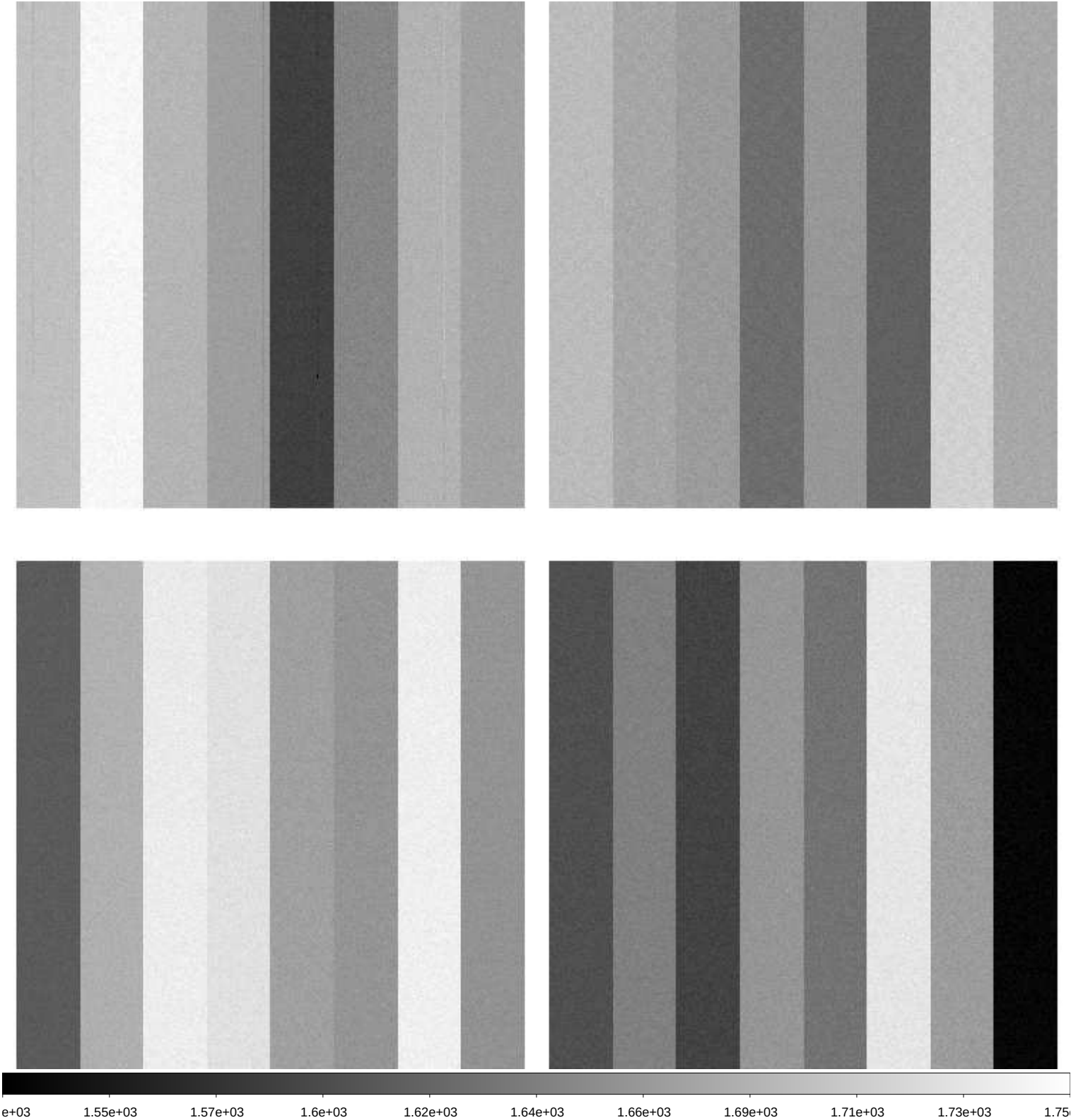
-90.0

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24

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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kmta.20260810.034206.fits

ALL

BIAS

dflat

14:15:12.740

-20:49:43.30

0

1.45

17:38:49

I

2026-08-10T10:25:17

-273.15

68 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

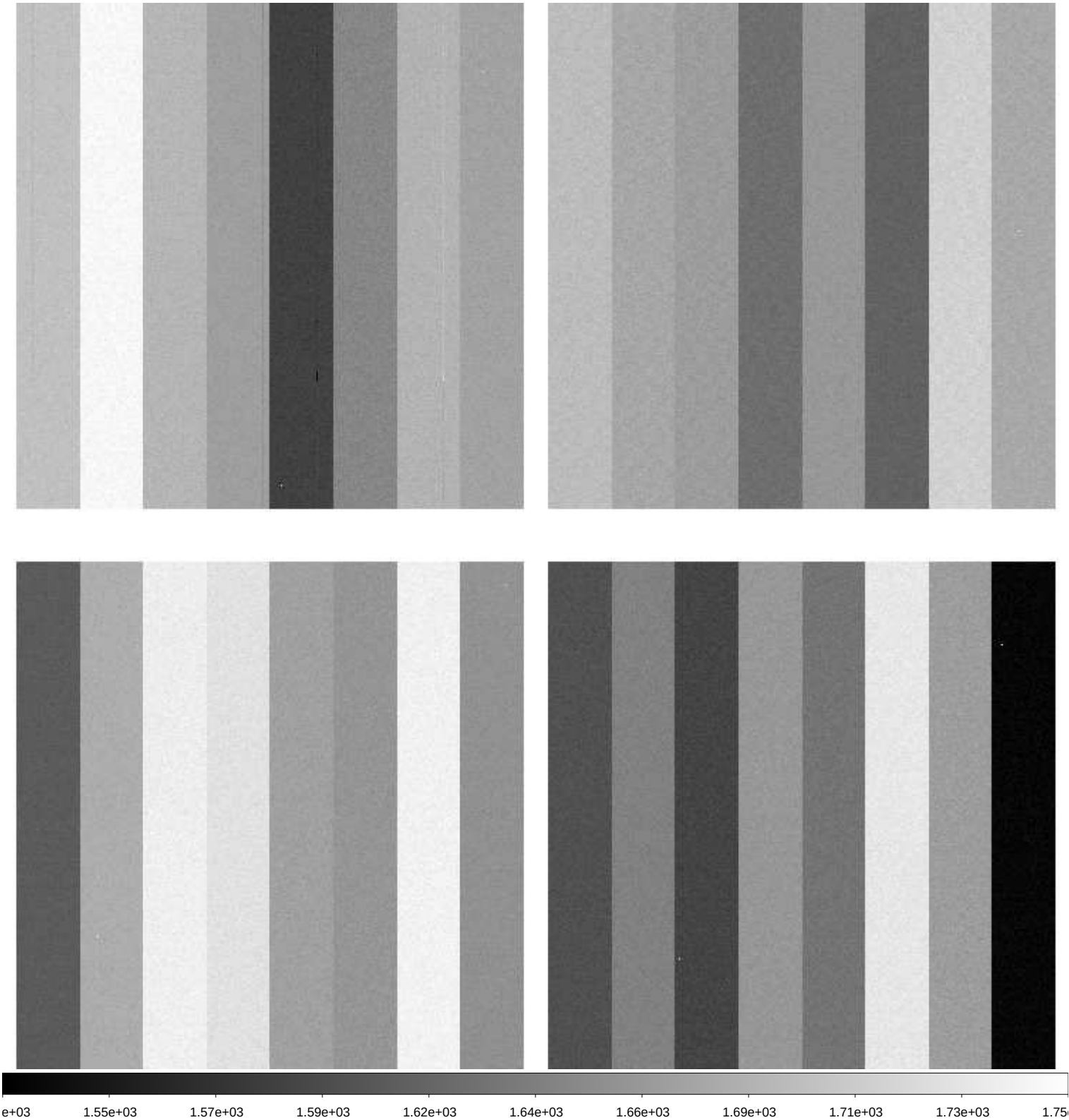
-90.0

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24

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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kmta.20260810.034207.fits

ALL

BIAS

dflat

14:16:21.720

-20:49:43.30

0

1.45

17:39:58

I

2026-08-10T10:26:25

-273.15

69 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.5

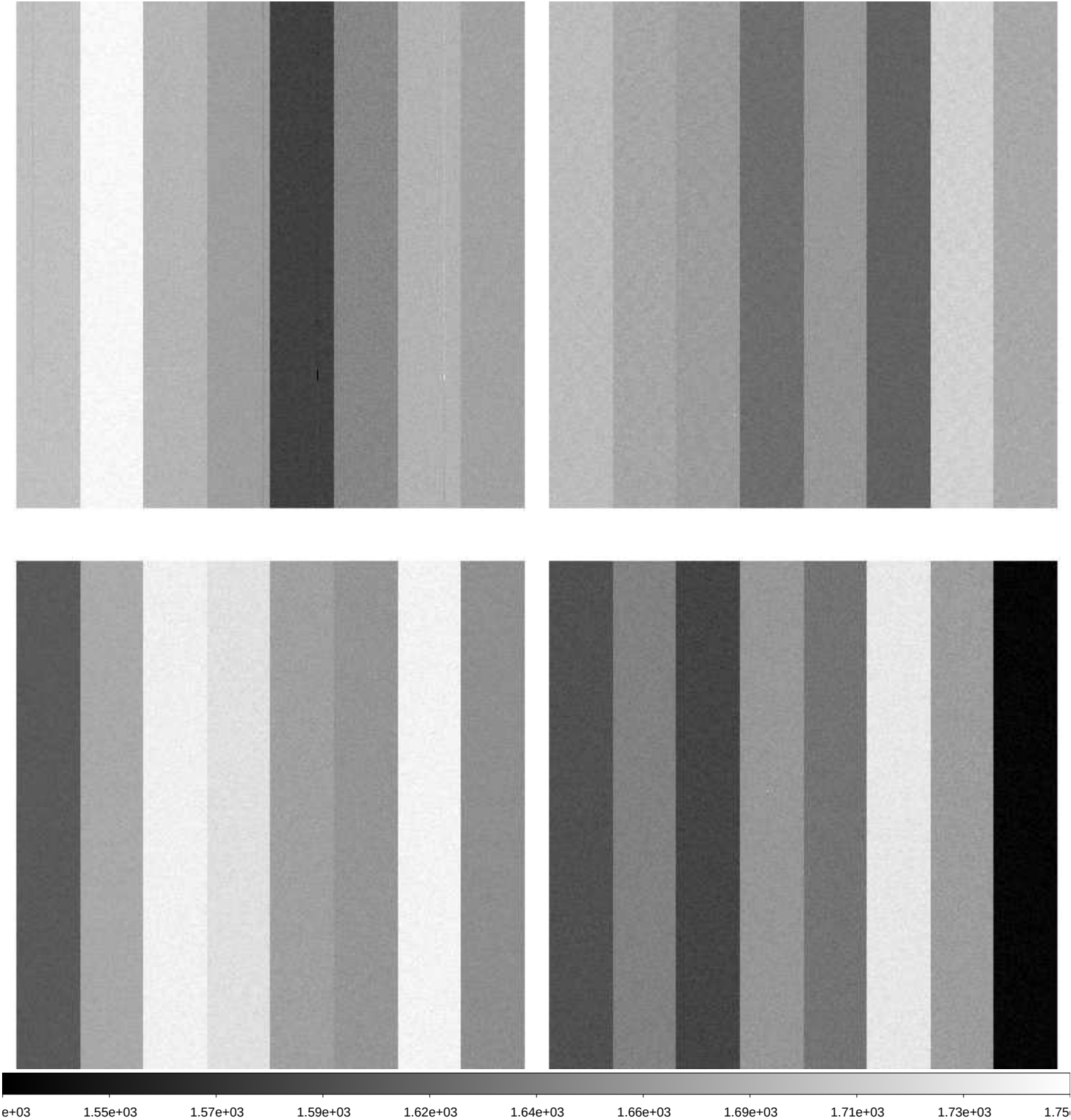
-90.0

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24

0.0



File Name : **kmta.20260810.034208.fits** # 70 / 77 #

Project ID : ALL

Image Type : BIAS

Object Name : **dflat**

RA : 14:17:32.120

DEC : -20:49:43.40

Exposure Time : 0

Airmass : 1.45

Sidereal Time : 17:41:09

Filter ID : I

Observation Date : 2026-08-10T10:27:35

CCD Temperature : -273.15

ALT : 43.5

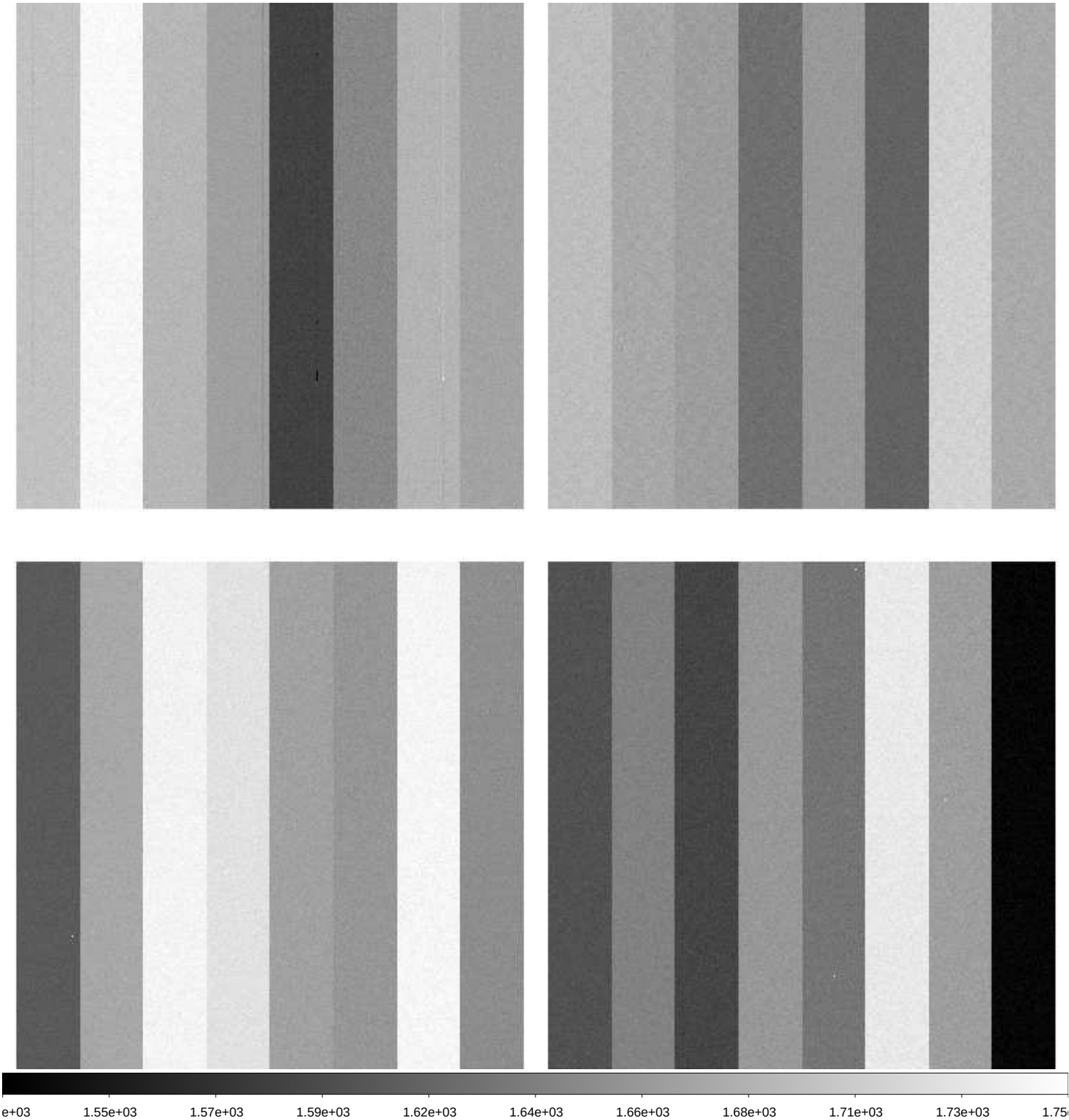
AZ : -90.0

Image Issue : —

CHIP : —

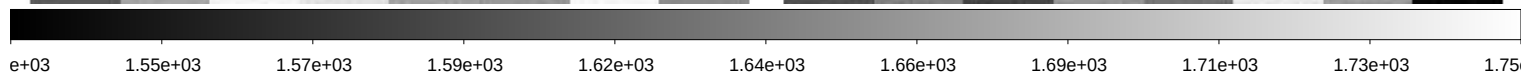
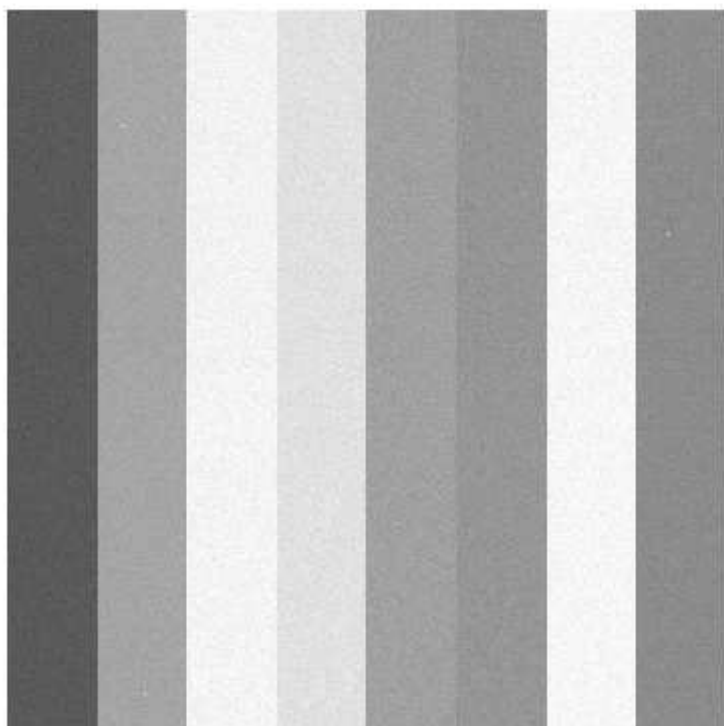
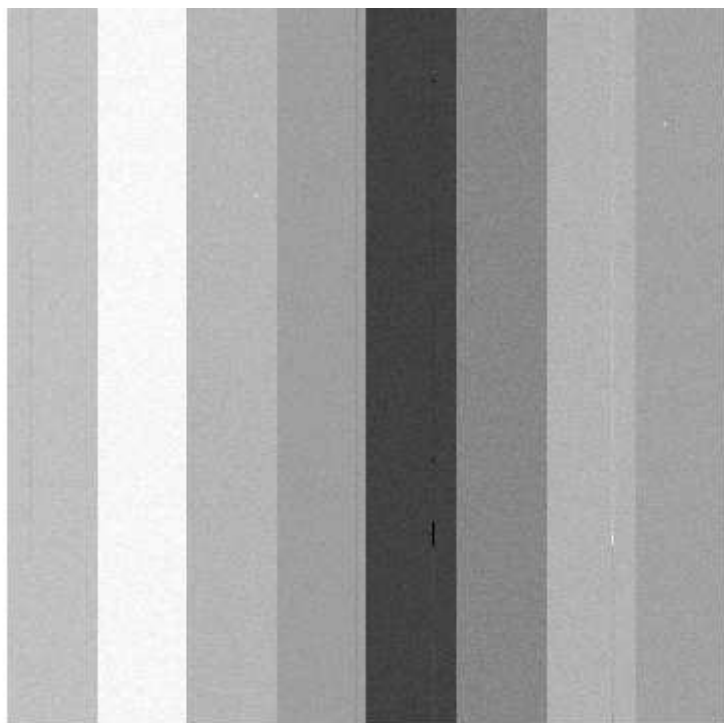
Weather : 24

Moon Effect : 0.0



File Name	:	kmta.20260810.034209.fits	# 71 / 77 #
Project ID	:	OBS	
Image Type	:	DARK	
Object Name	:	end	
RA	:	14:18:42.310	
DEC	:	-20:49:43.40	
Exposure Time	:	30	ALT
Airmass	:	1.45	AZ
Sidereal Time	:	17:42:19	Image Issue
Filter ID	:	V	CHIP
Observation Date	:	2026-08-10T10:28:46	Weather
CCD Temperature	:	-273.15	Moon Effect

71 / 77



File Name : **kmta.20260810.034210.fits** # 72 / 77 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 01:20:17.970

DEC : -31:06:22.70

Exposure Time : 0

Airmass : 1.00

Sidereal Time : 01:20:17

Filter ID : V

Observation Date : 2026-08-10T18:05:16

CCD Temperature : -273.15

ALT : 90.0

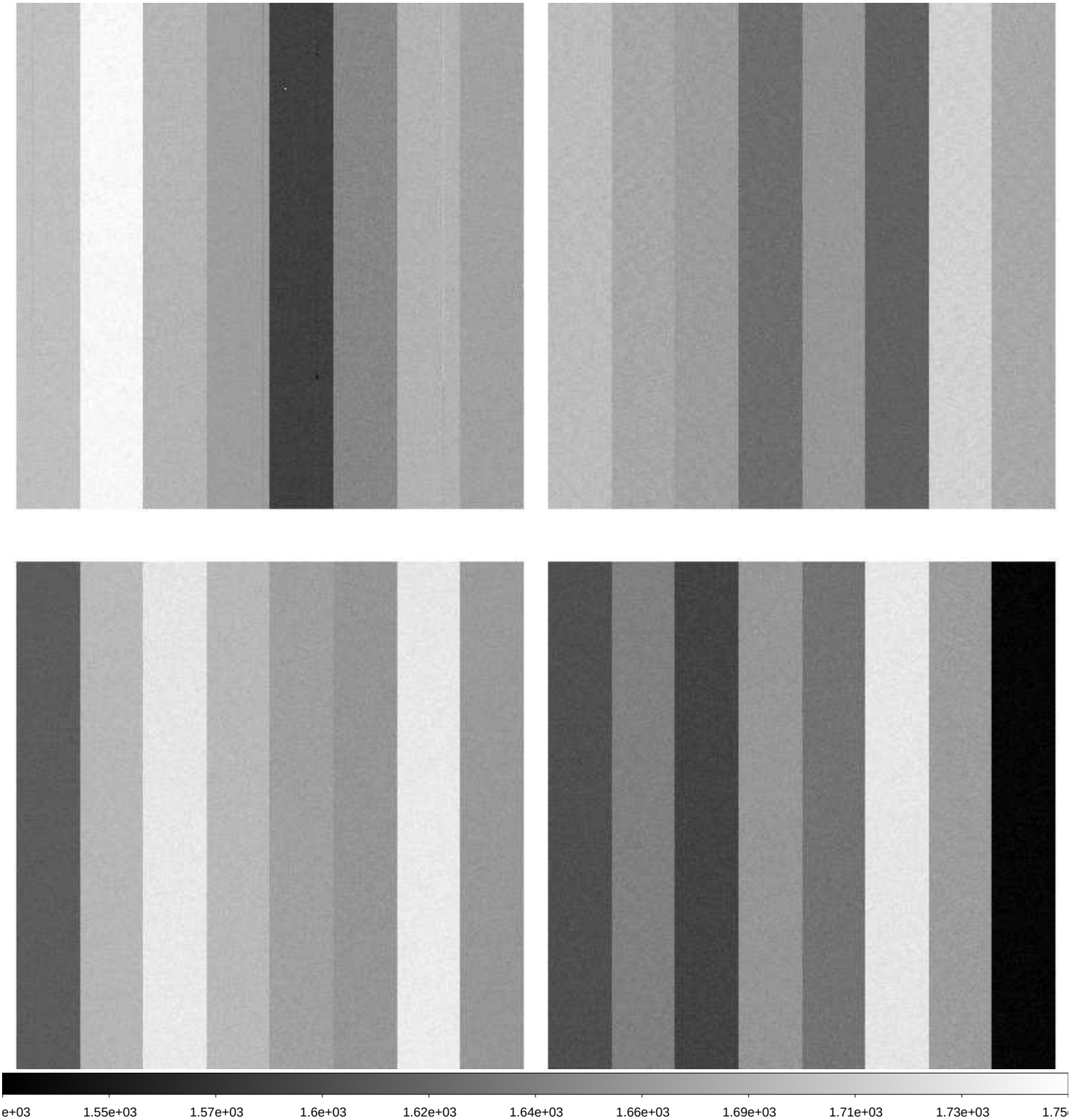
AZ : 0.0

Image Issue : —

CHIP : —

Weather : 24

Moon Effect : 0.0



File Name : **kmta.20260810.034211.fits** # 73 / 77 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 01:21:14.920

DEC : -31:06:22.70

Exposure Time : 0

Airmass : 1.00

Sidereal Time : 01:21:14

Filter ID : V

Observation Date : 2026-08-10T18:06:25

CCD Temperature : -273.15

ALT : 90.0

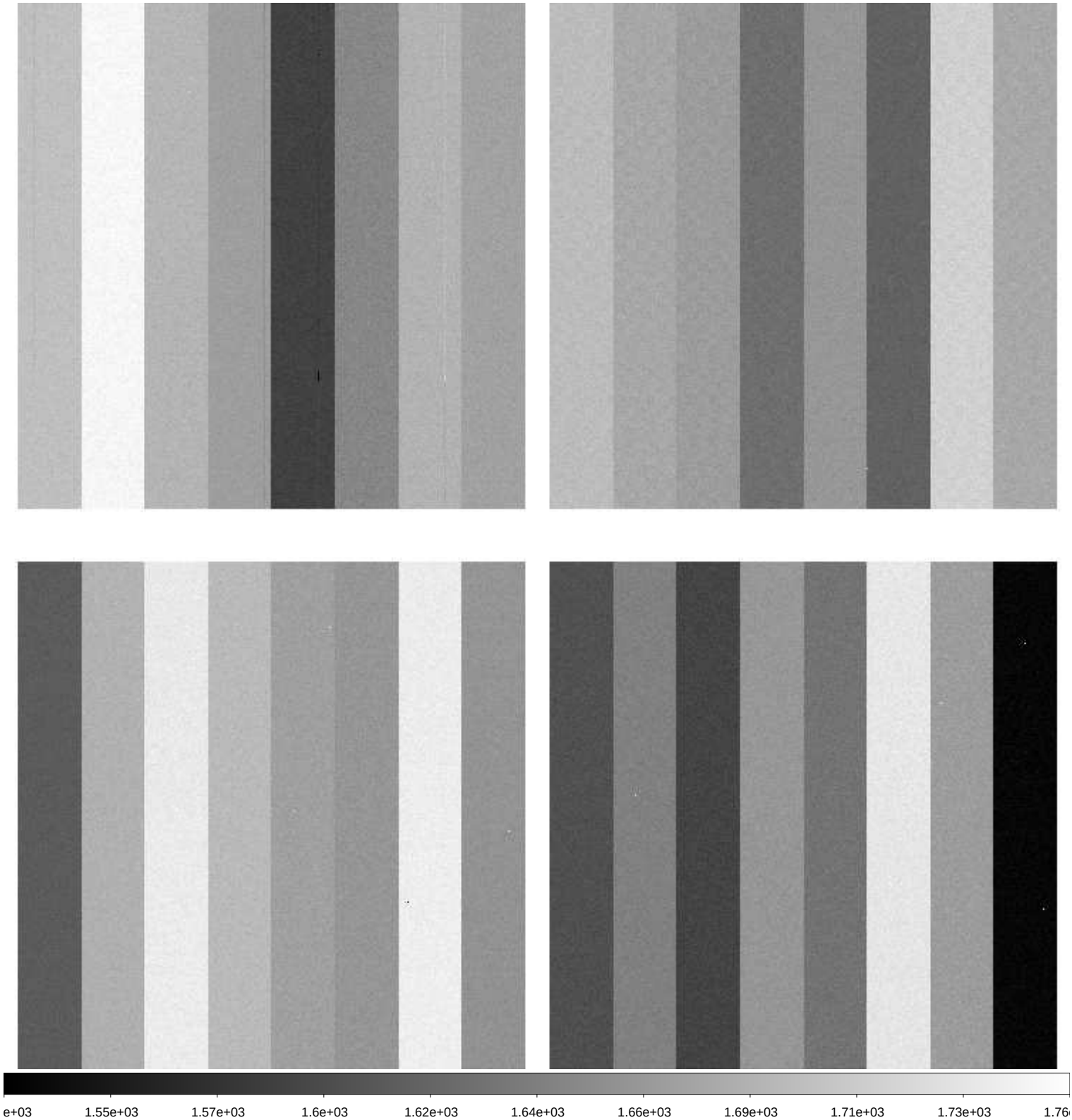
AZ : 0.0

Image Issue : —

CHIP : —

Weather : 24

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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kmta.20260810.034212.fits

ALL

BIAS

bias

01:22:22.910

-31:06:22.80

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1.00

01:22:22

V

2026-08-10T18:07:34

-273.15

74 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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90.0

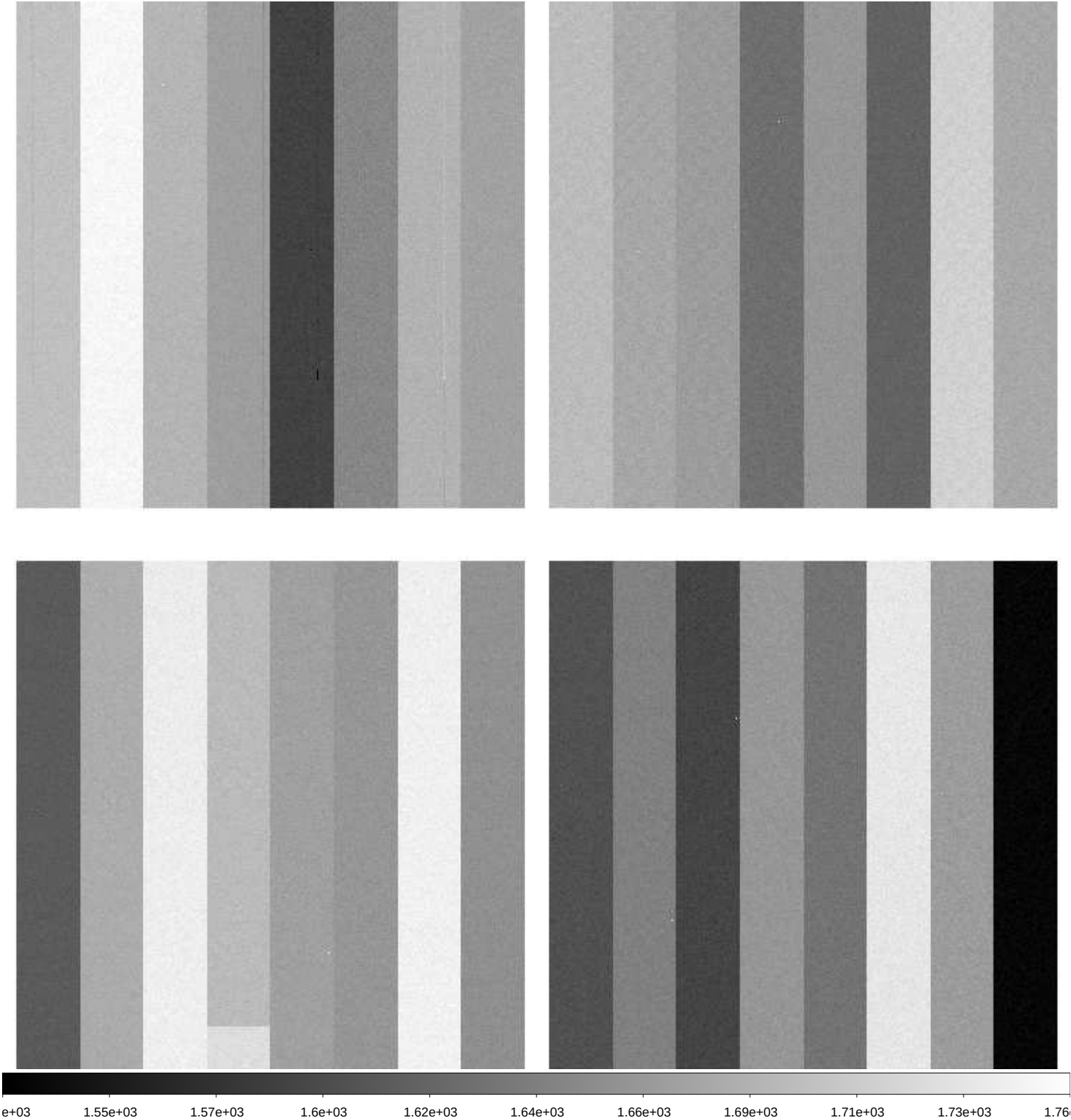
0.0

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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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kmta.20260810.034213.fits

ALL

BIAS

bias

01:23:31.090

-31:06:22.80

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1.00

01:23:31

V

2026-08-10T18:08:42

-273.15

75 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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90.0

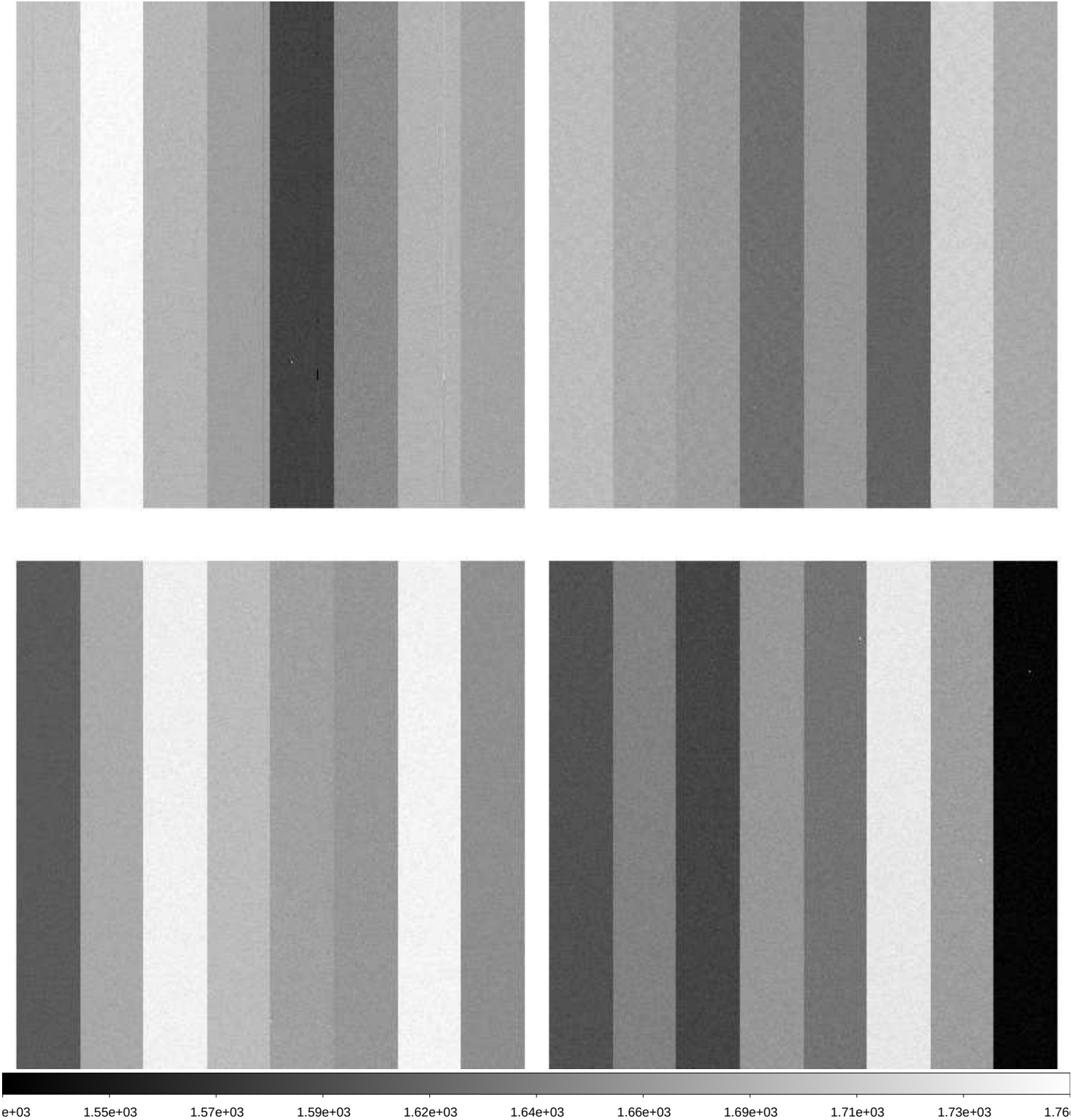
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24

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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kmta.20260810.034214.fits

ALL

BIAS

bias

01:24:42.090

-31:06:22.90

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1.00

01:24:42

V

2026-08-10T18:09:53

-273.15

76 / 77

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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90.0

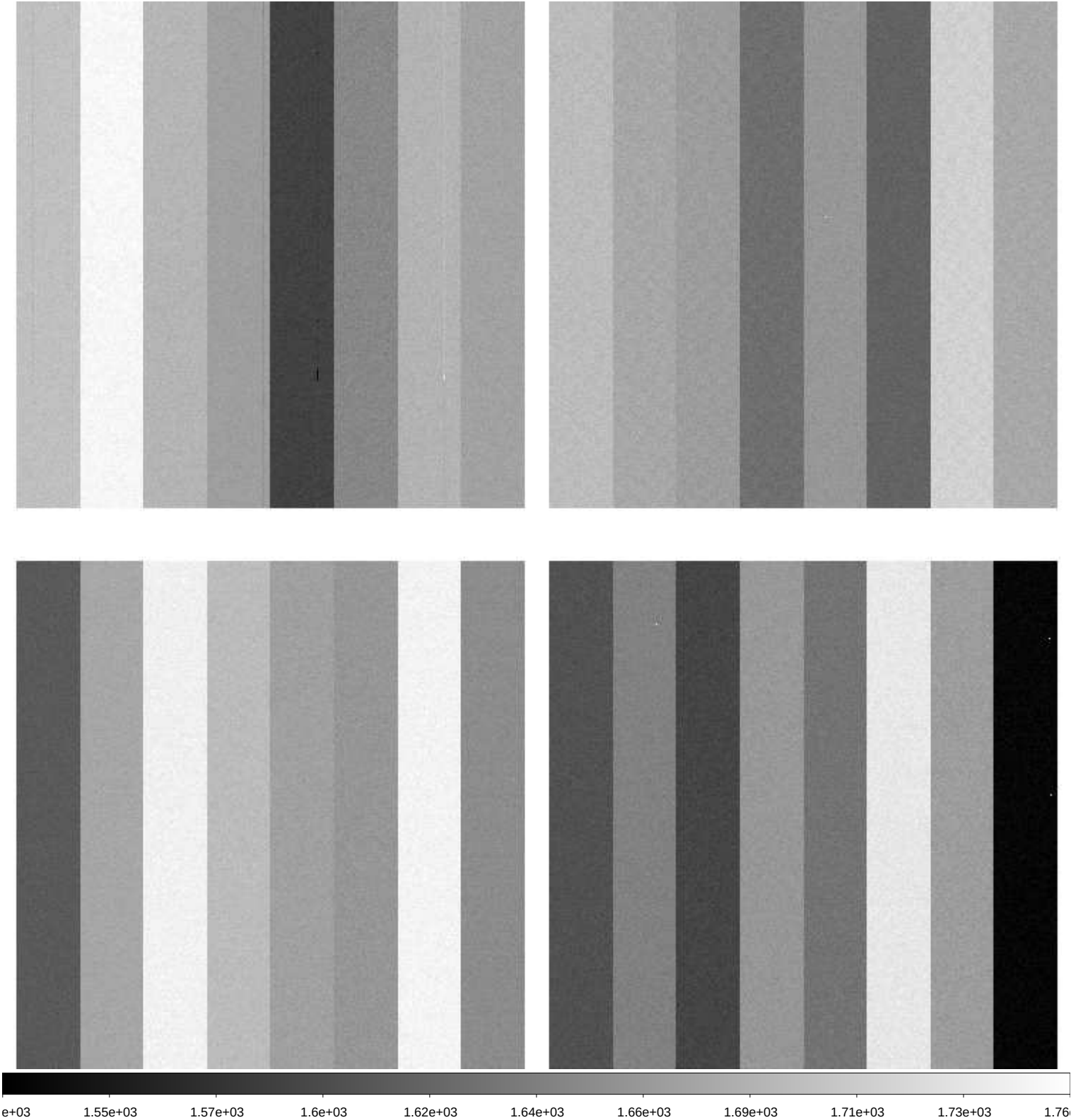
0.0

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0.0



File Name : **kmta.20260810.034215.fits** # 77 / 77 #

Project ID : OBS

Image Type : DARK

Object Name : **end**

RA : 01:25:51.280

DEC : -31:06:22.90

Exposure Time : 30

Airmass : 1.00

Sidereal Time : 01:25:51

Filter ID : V

Observation Date : 2026-08-10T18:11:01

CCD Temperature : -273.15

ALT : 90.0

AZ : 0.0

Image Issue : —

CHIP : —

Weather : 24

Moon Effect : 0.0

