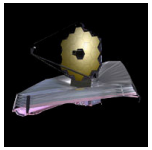

2046 - A definitive test of the dark matter paradigm on small scales

Cycle: 1, Proposal Category: GO

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
0147				
	1		MIRI Imaging	(1) PSJ0147+4630
0248				
	2		MIRI Imaging	(2) SDSSJ0248+1913
0259				
	3		MIRI Imaging	(3) WISEJ0259-1635
0405				
	4		MIRI Imaging	(4) DESJ0405-3308
	54		MIRI Imaging	(54) DESJ0405-3308-COPY
0414				
	5		MIRI Imaging	(5) MG0414+0534
0435				
	7		MIRI Imaging	(6) HE0435-1223
0457				
	8		MIRI Imaging	(7) J0457-7820
0608				
	9		MIRI Imaging	(8) J0608+4229
0659				
	10		MIRI Imaging	(9) J0659+1629
0803				
	11		MIRI Imaging	(10) J0803+2612
1042				
	12		MIRI Imaging	(11) J1042+1641
1113				
	13		MIRI Imaging	(12) HE1113-0641
1115				
	14		MIRI Imaging	(13) PG1115+080
1131.44				
	15		MIRI Imaging	(14) GRAL1131-4419
1134				
	16		MIRI Imaging	(15) 2M1134-2103
1413				

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	17		MIRI Imaging	(16) H1413+117
1606				
	18		MIRI Imaging	(17) PSJ1606-2333
2017				
	19		MIRI Imaging	(18) J2017+6204
2026				
	20		MIRI Imaging	(19) WFI2026-4536
2033				
	21		MIRI Imaging	(20) WFI2033-4723
2038				
	22		MIRI Imaging	(21) DESJ2038-4008
2045				
	23		MIRI Imaging	(22) B2045+265
2107				
	24		MIRI Imaging	(23) J2107-1611
2145				
	25		MIRI Imaging	(24) J2145+6345
2205				
	26		MIRI Imaging	(25) J2205-3727
rxj1131				
	32		MIRI Imaging	(31) RXJ1131-1231
0607				
	27		MIRI Imaging	(26) J0607-2152
0924				
	28		MIRI Imaging	(27) SDSSJ0924+0219
1251				
	29		MIRI Imaging	(28) SDSSJ1251+2935
1537				
	30		MIRI Imaging	(29) J1537-3010
2344				
	31		MIRI Imaging	(30) WISE2344-3056

ABSTRACT

The cold dark matter paradigm predicts that self-gravitating structures known as halos should form down to Earth masses. Below virial masses of ~10^8 Msun most of these halos must be devoid of stars and gas to match observations of Milky Way satellites. Thus, detecting the predicted population of dark halos below 10^8 M sun would be a triumph of the cold dark matter paradigm. Conversely, their absence would imply that dark matter cannot be cold, but must be of a more exotic nature. Strong gravitational lensing provides a direct probe of dark matter as lensed image fluxes and positions are sensitive to very low mass perturbations due to dark matter halos both within a lens galaxy and along the line of sight. We propose to measure the strongly lensed flux from the cold dust torus surrounding the accreting super-massive black hole powering quasars. The cold dust torus is an ideal source, as its size (~ 1-10 pc) is large enough to avoid microlensing, yet small enough to be sensitive to 10^7 Msun halos. This measurement will enable us to detect or rule out a warm dark matter mass function with a turnover as low as 10^6.5 Msun, equivalent that of a 10 keV thermal relic, for example. If we detect the turnover, we will prove dark matter is not cold. If we do not detect the turnover at these masses, nearly two orders of magnitude below the limit at which halos are expected to be mostly dark, it will prove the existence of a significant population of completely dark halos, verifying a key prediction of the cold dark matter paradigm. JWST MIRI provides the only possible means of attaining the flux and spatial precision at the wavelengths necessary to make this measurement.

OBSERVING DESCRIPTION

We will take images in four MIRI bands for each of our targets, with a combination of either F2550, F1800W, F1280W and F550W or F2100W, F1800W, F1280W and F550W. We will use a 2 point dither pattern to minimize overheads.

We have no orientation or timing restrictions

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	PSJ0147+4630	RA: 01 47 10.0774 (26.7919892d) Dec: +46 30 44.88 (46.51247d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Elliptical galaxies, Quasars]*				
(2)	SDSSJ0248+1913	RA: 02 48 48.7400 (42.2030833d) Dec: +19 13 31.00 (19.22528d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*				
(3)	WISEJ0259-1635	RA: 02 59 42.8600 (44.9285833d) Dec: -16 35 43.08 (-16.59530d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*				
(4)	DESJ0405-3308	RA: 04 05 49.7000 (61.4570833d) Dec: -33 08 51.00 (-33.14750d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*				
(5)	MG0414+0534	RA: 04 14 37.7300 (63.6572083d) Dec: +05 34 43.03 (5.57862d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*				
(6)	HE0435-1223	RA: 04 38 14.8600 (69.5619167d) Dec: -12 17 14.82 (-12.28745d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*				
(7)	J0457-7820	RA: 04 57 23.5700 (74.3482083d) Dec: -78 20 48.48 (-78.34680d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*				
(8)	J0608+4229	RA: 06 08 41.4304 (92.1726267d) Dec: +42 29 37.01 (42.49361d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei]*				

(9)	J0659+1629	RA: 06 59 4.0646 (104.7669358d) Dec: +16 29 9.38 (16.48594d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(10)	J0803+2612	RA: 08 03 57.7300 (120.9905417d) Dec: +39 08 23.14 (39.13976d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(11)	J1042+1641	RA: 10 42 21.8918 (160.5912158d) Dec: +16 41 17.05 (16.68807d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(12)	HE1113-0641	RA: 11 16 23.5300 (169.0980417d) Dec: -06 57 38.88 (-6.96080d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(13)	PG1115+080	RA: 11 18 16.8800 (169.5703333d) Dec: +07 45 58.57 (7.76627d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(14)	GRAL1131-4419	RA: 11 30 59.9919 (172.7499662d) Dec: -44 20 0.22 (-44.33339d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(15)	2M1134-2103	RA: 11 34 40.5100 (173.6687917d) Dec: -21 03 22.50 (-21.05625d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(16)	H1413+117	RA: 14 15 46.2400 (213.9426667d) Dec: +11 29 43.40 (11.49539d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		

(17)	PSJ1606-2333	RA: 16 06 0.2200 (241.5009167d) Dec: -23 33 22.03 (-23.55612d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galaxies, Quasars]*		
(18)	J2017+6204	RA: 20 17 49.0600 (304.4544167d) Dec: +62 04 43.34 (62.07871d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(19)	WFI2026-4536	RA: 20 26 10.4300 (306.5434583d) Dec: -45 36 27.11 (-45.60753d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(20)	WFI2033-4723	RA: 20 33 42.1700 (308.4257083d) Dec: -47 23 44.16 (-47.39560d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(21)	DESJ2038-4008	RA: 20 38 2.4352 (309.5101467d) Dec: -40 08 12.97 (-40.13694d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(22)	B2045+265	RA: 20 47 20.3500 (311.8347917d) Dec: +26 44 1.21 (26.73367d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(23)	J2107-1611	RA: 21 07 52.4400 (316.9685000d) Dec: -16 11 31.56 (-16.19210d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(24)	J2145+6345	RA: 21 45 5.1100 (326.2712917d) Dec: +63 45 41.21 (63.76145d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		

(25)	J2205-3727	RA: 22 05 44.2400 (331.4343333d) Dec: -37 27 1.57 (-37.45044d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(26)	J0607-2152	RA: 06 07 10.9000 (91.7954167d) Dec: -21 52 17.75 (-21.87160d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galaxies, Quasars]*		
(27)	SDSSJ0924+0219	RA: 09 24 55.7900 (141.2324583d) Dec: +02 19 24.89 (2.32358d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galaxies, Quasars]*		
(28)	SDSSJ1251+2935	RA: 12 51 7.5700 (192.7815417d) Dec: +29 35 40.49 (29.59458d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(29)	J1537-3010	RA: 15 37 25.3400 (234.3555833d) Dec: -30 10 16.81 (-30.17134d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galaxies, Quasars]*		
(30)	WISE2344-3056	RA: 23 44 16.9400 (356.0705833d) Dec: -30 56 26.02 (-30.94056d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galaxies, Quasars]*		
(31)	RXJ1131-1231	RA: 11 31 51.4600 (172.9644167d) Dec: -12 31 58.44 (-12.53290d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		
(54)	DESJ0405-3308-COPY	RA: 04 05 59.7000 (61.4987500d) Dec: -33 08 51.00 (-33.14750d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]*		

Observation

Proposal 2046, Observation 1

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	PSJ0147+4630	RA: 01 47 10.0774 (26.7919892d) Dec: +46 30 44.88 (46.51247d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Elliptical galaxies, Quasars]

Template

Subarray
SUB256

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	62	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	8	7	1	Dither 1	3	21	55.711	
2	F1280W	FASTR1	8	7	1	Dither 1	3	21	55.711	
3	F1800W	FASTR1	8	7	1	Dither 1	3	21	55.711	
4	F2550W	FASTR1	20	30	1	Dither 1	3	90	565.194	

Observation

Proposal 2046, Observation 2

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	SDSSJ0248+1913	RA: 02 48 48.7400 (42.2030833d) Dec: +19 13 31.00 (19.22528d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	10	6	1	Dither 1	3	18	541.133	

Observation

Proposal 2046, Observation 3

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	WISEJ0259-1635	RA: 02 59 42.8600 (44.9285833d) Dec: -16 35 43.08 (-16.59530d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	10	6	1	Dither 1	3	18	541.133	

Observation

Proposal 2046, Observation 4

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	DESJ0405-3308	RA: 04 05 49.7000 (61.4570833d) Dec: -33 08 51.00 (-33.14750d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT
2	CYCLING	4	3						DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 2	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 2	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 2	3	3	58.276	
4	F2550W	FASTR1	13	5	1	Dither 2	3	15	574.433	

Observation

Proposal 2046, Observation 54

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 54:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(54)	DESJ0405-3308-COPY	RA: 04 05 59.7000 (61.4987500d) Dec: -33 08 51.00 (-33.14750d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT
2	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 2	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 2	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 2	3	3	58.276	
4	F2550W	FASTR1	13	5	1	Dither 2	3	15	574.433	

Observation

Proposal 2046, Observation 5

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	MG0414+0534	RA: 04 14 37.7300 (63.6572083d) Dec: +05 34 43.03 (5.57862d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	5	4	1	Dither 1	3	12	59.704	
2	F1280W	FASTR1	5	4	1	Dither 1	3	12	59.704	
3	F1800W	FASTR1	10	2	1	Dither 1	3	6	54.513	
4	F2550W	FASTR1	15	13	1	Dither 1	3	39	537.339	

Observation

Proposal 2046, Observation 7

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	HE0435-1223	RA: 04 38 14.8600 (69.5619167d) Dec: -12 17 14.82 (-12.28745d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	7	8	1	Dither 1	3	24	524.483	

Observation

Proposal 2046, Observation 8

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	J0457-7820	RA: 04 57 23.5700 (74.3482083d) Dec: -78 20 48.48 (-78.34680d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	7	8	1	Dither 1	3	24	524.483	

Observation

Proposal 2046, Observation 9

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	J0608+4229	RA: 06 08 41.4304 (92.1726267d) Dec: +42 29 37.01 (42.49361d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	2	1	Dither 1	3	6	54.513	
2	F1280W	FASTR1	20	1	1	Dither 1	3	3	51.917	
3	F1800W	FASTR1	20	1	1	Dither 1	3	3	51.917	
4	F2550W	FASTR1	30	7	1	Dither 1	3	21	560.701	

Observation

Proposal 2046, Observation 10

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	J0659+1629	RA: 06 59 4.0646 (104.7669358d) Dec: +16 29 9.38 (16.48594d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	16	4	1	Dither 1	3	12	557.783	

Observation

Proposal 2046, Observation 11

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	J0803+2612	RA: 08 03 57.7300 (120.9905417d) Dec: +39 08 23.14 (39.13976d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	9	7	1	Dither 1	3	21	574.433	

Observation

Proposal 2046, Observation 12

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	J1042+1641	RA: 10 42 21.8918 (160.5912158d) Dec: +16 41 17.05 (16.68807d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
SUB256

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	100	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	8	7	1	Dither 1	3	21	55.711	
2	F1280W	FASTR1	13	5	1	Dither 1	3	15	62.001	
3	F1800W	FASTR1	13	5	1	Dither 1	3	15	62.001	
4	F2550W	FASTR1	60	10	1	Dither 1	3	30	547.223	

Observation

Proposal 2046, Observation 13

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	HE1113-0641	RA: 11 16 23.5300 (169.0980417d) Dec: -06 57 38.88 (-6.96080d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	7	8	1	Dither 1	3	24	524.483	

Observation

Proposal 2046, Observation 14

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(13)	PG1115+080	RA: 11 18 16.8800 (169.5703333d) Dec: +07 45 58.57 (7.76627d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	3	1	Dither 1	3	9	59.704	
2	F1280W	FASTR1	10	2	1	Dither 1	3	6	54.513	
3	F1800W	FASTR1	10	2	1	Dither 1	3	6	54.513	
4	F2550W	FASTR1	18	12	1	Dither 1	3	36	589.256	

Observation

Proposal 2046, Observation 15

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	GRAL1131-4419	RA: 11 30 59.9919 (172.7499662d) Dec: -44 20 0.22 (-44.33339d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	7	8	1	Dither 1	3	24	524.483	

Observation

Proposal 2046, Observation 16

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	2M1134-2103	RA: 11 34 40.5100 (173.6687917d) Dec: -21 03 22.50 (-21.05625d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	2	1	Dither 1	3	6	54.513	
2	F1800W	FASTR1	10	2	1	Dither 1	3	6	54.513	
3	F1280W	FASTR1	10	2	1	Dither 1	3	6	54.513	
4	F2550W	FASTR1	15	14	1	Dither 1	3	42	578.872	

Observation

Proposal 2046, Observation 17

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	H1413+117	RA: 14 15 46.2400 (213.9426667d) Dec: +11 29 43.40 (11.49539d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	3	1	Dither 1	3	9	59.704	
2	F1280W	FASTR1	10	2	1	Dither 1	3	6	54.513	
3	F1800W	FASTR1	10	2	1	Dither 1	3	6	54.513	
4	F2550W	FASTR1	15	13	1	Dither 1	3	39	537.339	

Observation

Proposal 2046, Observation 18

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(17)	PSJ1606-2333	RA: 16 06 0.2200 (241.5009167d) Dec: -23 33 22.03 (-23.55612d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galaxies, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	16	4	1	Dither 1	3	12	557.783	

Observation

Proposal 2046, Observation 19

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	J2017+6204	RA: 20 17 49.0600 (304.4544167d) Dec: +62 04 43.34 (62.07871d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	10	6	1	Dither 1	3	18	541.133	

Observation

Proposal 2046, Observation 20

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(19)	WFI2026-4536	RA: 20 26 10.4300 (306.5434583d) Dec: -45 36 27.11 (-45.60753d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	3	1	Dither 1	3	9	59.704	
2	F1280W	FASTR1	10	2	1	Dither 1	3	6	54.513	
3	F1800W	FASTR1	10	2	1	Dither 1	3	6	54.513	
4	F2550W	FASTR1	30	7	1	Dither 1	3	21	560.701	

Observation

Proposal 2046, Observation 21

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(20)	WFI2033-4723	RA: 20 33 42.1700 (308.4257083d) Dec: -47 23 44.16 (-47.39560d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	9	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	8	7	1	Dither 1	3	21	516.157	

Observation

Proposal 2046, Observation 22

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(21)	DESJ2038-4008	RA: 20 38 2.4352 (309.5101467d) Dec: -40 08 12.97 (-40.13694d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
SUB256

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	100	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	6	1	Dither 1	3	18	58.406	
2	F1280W	FASTR1	10	6	1	Dither 1	3	18	58.406	
3	F1800W	FASTR1	10	6	1	Dither 1	3	18	58.406	
4	F2550W	FASTR1	30	20	1	Dither 1	3	60	556.209	

Observation

Proposal 2046, Observation 23

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(22)	B2045+265	RA: 20 47 20.3500 (311.8347917d) Dec: +26 44 1.21 (26.73367d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	10	7	1	Dither 1	3	21	632.709	

Observation

Proposal 2046, Observation 24

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(23)	J2107-1611	RA: 21 07 52.4400 (316.9685000d) Dec: -16 11 31.56 (-16.19210d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	3	1	Dither 1	3	9	59.704	
2	F1280W	FASTR1	7	3	1	Dither 1	3	9	59.704	
3	F1800W	FASTR1	10	2	1	Dither 1	3	6	54.513	
4	F2550W	FASTR1	15	13	1	Dither 1	3	39	537.339	

Observation

Proposal 2046, Observation 25

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(24)	J2145+6345	RA: 21 45 5.1100 (326.2712917d) Dec: +63 45 41.21 (63.76145d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	6	3	1	Dither 1	3	9	51.917	
2	F1280W	FASTR1	10	2	1	Dither 1	3	6	54.513	
3	F1800W	FASTR1	10	2	1	Dither 1	3	6	54.513	
4	F2550W	FASTR1	15	13	1	Dither 1	3	39	537.339	

Observation

Proposal 2046, Observation 26

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(25)	J2205-3727	RA: 22 05 44.2400 (331.4343333d) Dec: -37 27 1.57 (-37.45044d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	7	1	1	Dither 1	3	3	58.276	
2	F1280W	FASTR1	7	1	1	Dither 1	3	3	58.276	
3	F1800W	FASTR1	7	1	1	Dither 1	3	3	58.276	
4	F2550W	FASTR1	10	6	1	Dither 1	3	18	541.133	

Observation

Proposal 2046, Observation 32

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(31)	RXJ1131-1231	RA: 11 31 51.4600 (172.9644167d) Dec: -12 31 58.44 (-12.53290d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
BRIGHTSKY

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	2	1	Dither 1	3	6	54.513	
2	F1280W	FASTR1	10	2	1	Dither 1	3	6	54.513	
3	F1800W	FASTR1	6	3	1	Dither 1	3	9	51.917	
4	F2550W	FASTR1	15	13	1	Dither 1	3	39	537.339	

Observation

Proposal 2046, Observation 27

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(26)	J0607-2152	RA: 06 07 10.9000 (91.7954167d) Dec: -21 52 17.75 (-21.87160d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galaxies, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	8	1	1	Dither 1	3	3	66.601	
2	F1280W	FASTR1	13	1	1	Dither 1	3	3	108.227	
3	F1800W	FASTR1	15	1	1	Dither 1	3	3	124.877	
4	F2100W	FASTR1	14	4	1	Dither 1	3	12	491.182	

Observation

Proposal 2046, Observation 28

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(27)	SDSSJ0924+0219	RA: 09 24 55.7900 (141.2324583d) Dec: +02 19 24.89 (2.32358d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galaxies, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	11	1	1	Dither 1	3	3	91.576	
2	F1280W	FASTR1	14	1	1	Dither 1	3	3	116.552	
3	F1800W	FASTR1	14	1	1	Dither 1	3	3	116.552	
4	F2100W	FASTR1	20	3	1	Dither 1	3	9	516.157	

Observation

Proposal 2046, Observation 29

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(28)	SDSSJ1251+2935	RA: 12 51 7.5700 (192.7815417d) Dec: +29 35 40.49 (29.59458d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	8	1	1	Dither 1	3	3	66.601	
2	F1280W	FASTR1	8	1	1	Dither 1	3	3	66.601	
3	F1800W	FASTR1	12	1	1	Dither 1	3	3	99.901	
4	F2100W	FASTR1	22	3	1	Dither 1	3	9	566.108	

Observation

Proposal 2046, Observation 30

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(29)	J1537-3010	RA: 15 37 25.3400 (234.3555833d) Dec: -30 10 16.81 (-30.17134d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galaxies, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	11	1	1	Dither 1	3	3	91.576	
2	F1280W	FASTR1	12	1	1	Dither 1	3	3	99.901	
3	F1800W	FASTR1	14	1	1	Dither 1	3	3	116.552	
4	F2100W	FASTR1	19	3	1	Dither 1	3	9	491.182	

Observation

Proposal 2046, Observation 31

Wed Apr 19 01:00:39 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(30)	WISE2344-3056	RA: 23 44 16.9400 (356.0705833d) Dec: -30 56 26.02 (-30.94056d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galaxies, Quasars]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	11	1	1	Dither 1	3	3	91.576	
2	F1280W	FASTR1	12	1	1	Dither 1	3	3	99.901	
3	F1800W	FASTR1	14	1	1	Dither 1	3	3	116.552	
4	F2100W	FASTR1	14	3	1	Dither 1	3	9	366.305	