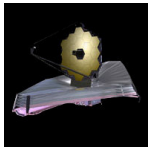

4552 - MSA observations ofv the MACS J1149.5+2223 field

Cycle: 3, Proposal Category: GTO

INVESTIGATORS

Name	*Institution*
Dr. Massimo Stiavelli (PI)	**Space Telescope Science Institute**
Dr. Takahiro Morishita (CoI)	California Institute of Technology

OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
MSA G140H				
	1	uvplan17	NIRSpec MultiObject Spectroscopy	(18) m1149_1150+2224_msa_GTO4552_3
MSA G140H-no parallels				
	2	uvplan17	NIRSpec MultiObject Spectroscopy	(18) m1149_1150+2224_msa_GTO4552_3

ABSTRACT

The overall goal of this investigation is to complete the study of galaxies in the MACS1149 field by obtaining also the rest frame UV for the high-redshift objects.

This is a cycle 3 proposal. Edit number should be 1.

OBSERVING DESCRIPTION

The technical goals of this program are to obtain rest frame UV spectra for the galaxies observed by program 1199.

The PA is constrained to be the same as the previous program (GTO1199), to maximize the sample overlap for MSA, as well as the parallel imaging will line up with the existing one.

Proposal 4552 - Targets - MSA observations ofv the MACS J1149.5+2223 field

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	m1149_1150+2224_msa_GTO 4552_3	RA: 11 49 36.8446 (177.4035192d) Dec: +22 23 25.15 (22.39032d) Equinox: J2000		

Comments:
Description=[]

Observation

Proposal 4552, Observation 1: uvplan17 Thu Jun 05 16:00:32 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(uvplan17 (Obs 1)) Warning (Form): Config c1 (#1) has 8 filler slit traces affected by failed open shutters.

(uvplan17 (Obs 1)) Warning (Form): Config c1 (#1) has 8 primary slit traces affected by failed open shutters.

(uvplan17 (Obs 1)) Warning (Form): Config c2 (#2) has 9 filler slit traces affected by failed open shutters.

(uvplan17 (Obs 1)) Warning (Form): Config c2 (#2) has 9 primary slit traces affected by failed open shutters.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	m1149_1150+2224_msa_GTO 4552_3	RA: 11 49 36.8446 (177.4035192d) Dec: +22 23 25.15 (22.39032d) Equinox: J2000		

Comments:
Description=[]

Acquisition

NIRSpec MultiObject Spectroscopy	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 3 quads; [Reduced Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
HFF Readout Mode: false	Subarray: FULL
Obtain Confirmation Images: No	
Science Aperture: MSA Center	
Primary Candidate List: m1149_1150+2224_msa_GTO4552_3 (2297 sources)	
Filler Candidate List: m1149_1150+2224_msa_GTO4552_3 (2297 sources)	
Spectral Overlap Map: jwst-nirspec-g140h	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	2233	177.425720	22.390032	22.8	1	2269	177.410645	22.417069	24.0
1	2242	177.383255	22.399788	23.7	1	2270	177.418015	22.417585	23.7
1	2249	177.424179	22.405729	23.3	1	2289	177.426407	22.377041	23.5
1	2253	177.419006	22.405376	23.8	1	2292	177.420319	22.372368	22.4

Dithers

#	Dither Type
1	NONE

Spectral Elements

NIRSpec MultiObject Spectroscopy	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
1	1 (G140H/F070LP)	c1	3 Shutter Slitlet	177.409 Degrees 22.391847222222 22 Degrees	258.00207980159 99			3	18	18644.601
2	1 (G140H/F070LP)	c2	3 Shutter Slitlet	177.406805 Degrees 22.383176666666 667 Degrees	258.00126157024 283			3	18	18644.601

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F140M	F430M	MEDIUMDEEP8	8	5	15	3	18327.666	
2	F070W	F360M	MEDIUMDEEP8	8	5	15	3	18327.666	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 258.0000 to 258.0000 Degrees (V3 119.42543 to 119.42543)

Observation

Proposal 4552, Observation 2: uvplan17 Thu Jun 05 16:00:32 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(uvplan17 (Obs 2)) Warning (Form): Config c1 (#1) has 8 filler slit traces affected by failed open shutters.

(uvplan17 (Obs 2)) Warning (Form): Config c1 (#1) has 8 primary slit traces affected by failed open shutters.

(uvplan17 (Obs 2)) Warning (Form): Config c2 (#2) has 9 filler slit traces affected by failed open shutters.

(uvplan17 (Obs 2)) Warning (Form): Config c2 (#2) has 9 primary slit traces affected by failed open shutters.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	m1149_1150+2224_msa_GTO 4552_3	RA: 11 49 36.8446 (177.4035192d) Dec: +22 23 25.15 (22.39032d) Equinox: J2000		

Comments:
Description=[]

Acquisition

#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 3 quads; [Reduced Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

TA Method	HFF Readout Mode	Obtain Confirmation Images	Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map	Spectral Overlap Threshold
MSATA	false	No	MSA Center	m1149_1150+2224_msa_ GTO4552_3 (2297 sources)	m1149_1150+2224_msa_ GTO4552_3 (2297 sources)	jwst-nirspec-g140h	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	2233	177.425720	22.390032	22.8	1	2269	177.410645	22.417069	24.0
1	2242	177.383255	22.399788	23.7	1	2270	177.418015	22.417585	23.7
1	2249	177.424179	22.405729	23.3	1	2289	177.426407	22.377041	23.5
1	2253	177.419006	22.405376	23.8	1	2292	177.420319	22.372368	22.4

Spectral Elements

#	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
1	1 (G140H/F070LP)	c1	3 Shutter Slitlet	177.409 Degrees 22.391847222222 22 Degrees	258.00207980159 99			3	18	18644.601
2	1 (G140H/F070LP)	c2	3 Shutter Slitlet	177.406805 Degrees 22.383176666666 667 Degrees	258.00126157024 283			3	18	18644.601

Special Requirements	MSA Scheduled Aperture PA 258.0000 to 258.0000 Degrees (V3 119.42543 to 119.42543)