



7491 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars and faint JWST AGNs

Cycle: 4, Proposal Category: GO

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
A2				
	1	A2_FS	NIRSpec Fixed Slit Spectroscopy	(1) HSCJ2228+0128
A7				
	3	A7_FS	NIRSpec Fixed Slit Spectroscopy	(3) HSCJ1417+0117
A9				
	4	A9_FS	NIRSpec Fixed Slit Spectroscopy	(4) HSCJ1628+4312
A25				
	5	A25_FS	NIRSpec Fixed Slit Spectroscopy	(5) HSCJ1211-0118
A147				
	6	A147_FS	NIRSpec Fixed Slit Spectroscopy	(6) HSCJ1336+0221
B3				
	7	B3_FS	NIRSpec Fixed Slit Spectroscopy	(7) HSCJ0215-0555
B6				
	8	B6_FS	NIRSpec Fixed Slit Spectroscopy	(8) HSCJ0857+0142
B68				
	9	B68_FS	NIRSpec Fixed Slit Spectroscopy	(9) HSCJ0915-0051
B110				
	10	B110_FS	NIRSpec Fixed Slit Spectroscopy	(10) HSCJ0220-0432
B117				
	11	B117_FS	NIRSpec Fixed Slit Spectroscopy	(11) HSCJ1215-0148
B154				
	12	B154_FS	NIRSpec Fixed Slit Spectroscopy	(12) HSCJ0206-0206
B304				
	13	B304_FS	NIRSpec Fixed Slit Spectroscopy	(13) HSCJ0035+0308
B311				
	14	B311_FS	NIRSpec Fixed Slit Spectroscopy	(14) HSCJ1406+4306
B311b				
	15	B311b_FS	NIRSpec Fixed Slit Spectroscopy	(15) HSCJ1406+4305
B347				
	16	B347_FS	NIRSpec Fixed Slit Spectroscopy	(16) HSCJ1250+0152
B349				

JWST Proposal 7491 (Created: Thursday, December 4, 2025, 5:00:27PM Eastern Standard Time) - Overview

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	17	B349_FS	NIRSpec Fixed Slit Spectroscopy	(17) HSCJ0849-0130
D5				
	18	D5_FS	NIRSpec Fixed Slit Spectroscopy	(18) HSCJ1609+5515
D14				
	19	D14_FS	NIRSpec Fixed Slit Spectroscopy	(19) HSCJ1612+5559
E28				
	20	E28_FS	NIRSpec Fixed Slit Spectroscopy	(20) HSCJ1325+0129
E30				
	21	E30_FS	NIRSpec Fixed Slit Spectroscopy	(21) HSCJ1336-0119
E42				
	22	E42_FS	NIRSpec Fixed Slit Spectroscopy	(22) HSCJ1254-0058
E43				
	23	E43_FS	NIRSpec Fixed Slit Spectroscopy	(23) HSCJ1313+0035
E44				
	24	E44_FS	NIRSpec Fixed Slit Spectroscopy	(24) HSCJ1314+0311
E45				
	25	E45_FS	NIRSpec Fixed Slit Spectroscopy	(25) HSCJ1325+0340
E50				
	26	E50_FS	NIRSpec Fixed Slit Spectroscopy	(26) HSCJ1439+0323
Y27				
	27	Y27_FS	NIRSpec Fixed Slit Spectroscopy	(27) HSCJ2252+0402
S12				
	28	S12_FS	NIRSpec Fixed Slit Spectroscopy	(28) HSCJ0212-0158
A40				
	29	A40_FS	NIRSpec Fixed Slit Spectroscopy	(29) HSCJ0914+0442
B117b				
	30	B117b_FS	NIRSpec Fixed Slit Spectroscopy	(30) HSCJ1215-0149
B280				
	31	B280_FS	NIRSpec Fixed Slit Spectroscopy	(31) HSCJ1202+0256

ABSTRACT

AGNs in the epoch of reionization (EoR) provide critical constraints on the formation and evolution of supermassive black holes (SMBHs). Recent JWST observations revealed the prevalence of low-luminosity AGNs in the EoR, signaled by broad H-alpha line in a surprisingly large number of galaxies. Such broad H-alpha galaxies (BHAGs) are 10 - 100 times more numerous than inferred from the extrapolation of the classical quasar luminosity function (QLF). This may imply the presence of numerous quasars missing in the existing surveys at their faint end ($-22 < M_{\text{UV}} < -24$). Alternatively, BHAGs may represent a new AGN population, forming an additional hump on the QLF. Discriminating between these scenarios has a huge impact on our understanding of SMBHs growing in the EoR, as well as the evolution of their host galaxies and sources of reionization. Here we propose an ambitious NIRSpec program to search for broad H-alpha in UV-luminous galaxies, in the gap between the classical quasars and BHAGs. Such galaxies are too sparse on the sky to fall in randomly chosen JWST fields, but hold the key to finding the missing link between the two AGN populations. Our targets, 30 galaxies at $5.7 < z < 6.7$, are drawn from the largest sample of spectroscopically-confirmed luminous galaxies in the EoR, established by the Subaru HSC survey. We will test the above scenarios with the number of detected AGNs, and will answer the following pressing questions on the SMBH populations in the EoR: (i) Do luminous galaxies host missing AGNs?; (ii) What is the true shape of the QLF?; (iii) Do broad H-alpha really signal the presence of AGN?; (iv) Will we find the first cases of "undermassive" SMBHs?

OBSERVING DESCRIPTION

This program aims to take the rest-optical spectra of the most luminous galaxies in the EoR, in order to detect a broad wing component of H-alpha emission line. The targets are 30 galaxies at $5.7 < z < 6.7$, originally selected by the Subaru Hyper Suprime-Cam (HSC) survey. All the targets have been spectroscopically confirmed, with the rest-UV spectra taken by ground-based telescopes (Subaru and GTC). We will use NIRSpec with the G395H grating, whose spectral coverage will contain H-alpha redshifted to $4.4 - 5.1 \mu\text{m}$. The spectral resolution of $R \sim 2700$ is sufficient to resolve the expected broad line component with $>1000 \text{ km/s}$, as well as the narrow core component (on top of the broad wing component) with $\sim 300 \text{ km/s}$. Our requirement is to detect a broad H-alpha component with the minimum flux of $5 \times 10^{-18} \text{ erg/s/cm}^2$, with 5sigma confidence (see Technical Justification). The Exposure Time Calculator predicts that an on-source time of 2100 sec (28 groups x 1 integration x 1 exposure x 5 dithers) per target meets this requirement. Here the broad H-alpha width is assumed to be 2000 km/s . Roughly 30% of the targets have spatially-extended stellar emission in the HSC images (typical seeing $\sim 0.8''$), but the broad H-alpha can be assumed to originate from a nuclear point source close to SMBH. We will adopt S200A2 slit, 5-point dither pattern, and FULL subarray in order to exploit the NRSIRS2RAPID readout mode.

Proposal 7491 - Targets - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars and f...

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	HSCJ2228+0128	RA: 22 28 27.8300 (337.1159583d) Dec: +01 28 9.50 (1.46931d) Equinox: J2000		
<i>Comments: z_{AB}=24.059, y_{AB}=24.508</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>				
(3)	HSCJ1417+0117	RA: 14 17 28.6700 (214.3694583d) Dec: +01 17 12.40 (1.28678d) Equinox: J2000		
<i>Comments: z_{AB}=23.905, y_{AB}=23.697</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>				
(4)	HSCJ1628+4312	RA: 16 28 33.0200 (247.1375833d) Dec: +43 12 10.60 (43.20294d) Equinox: J2000		
<i>Comments: z_{AB}=23.994, y_{AB}=24.004</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>				
(5)	HSCJ1211-0118	RA: 12 11 37.1000 (182.9045833d) Dec: -01 18 16.40 (-1.30456d) Equinox: J2000		
<i>Comments: z_{AB}=23.988, y_{AB}=23.749</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>				
(6)	HSCJ1336+0221	RA: 13 36 5.1000 (204.0212500d) Dec: +02 21 47.10 (2.36308d) Equinox: J2000		
<i>Comments: z_{AB}=23.246, y_{AB}=23.189</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>				
(7)	HSCJ0215-0555	RA: 02 15 45.2000 (33.9383333d) Dec: -05 55 29.10 (-5.92475d) Equinox: J2000		
<i>Comments: z_{AB}=23.981, y_{AB}=23.674</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>				
(8)	HSCJ0857+0142	RA: 08 57 23.9500 (134.3497917d) Dec: +01 42 54.60 (1.71517d) Equinox: J2000		
<i>Comments: z_{AB}=24.143, y_{AB}=23.929</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>				

Fixed Targets

Proposal 7491 - Targets - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars and f...

(9)	HSCJ0915-0051	RA: 09 15 45.0300 (138.9376250d) Dec: -00 51 36.00 (-.86000d) Equinox: J2000 <i>Comments: z_{AB}=24.017, y_{AB}=24.234</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(10)	HSCJ0220-0432	RA: 02 20 29.7100 (35.1237917d) Dec: -04 32 3.90 (-4.53442d) Equinox: J2000 <i>Comments: z_{AB}=23.863, y_{AB}=23.924</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(11)	HSCJ1215-0148	RA: 12 15 3.4200 (183.7642500d) Dec: -01 48 58.70 (-1.81631d) Equinox: J2000 <i>Comments: z_{AB}=23.78, y_{AB}=23.14</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(12)	HSCJ0206-0206	RA: 02 06 49.9800 (31.7082500d) Dec: -02 06 18.20 (-2.10506d) Equinox: J2000 <i>Comments: z_{AB}=23.197, y_{AB}=23.106</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(13)	HSCJ0035+0308	RA: 00 35 54.1500 (8.9756250d) Dec: +03 08 7.30 (3.13536d) Equinox: J2000 <i>Comments: z_{AB}=22.536, y_{AB}=22.438</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(14)	HSCJ1406+4306	RA: 14 06 37.8400 (211.6576667d) Dec: +43 06 23.20 (43.10644d) Equinox: J2000 <i>Comments: z_{AB}=23.617, y_{AB}=23.419</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(15)	HSCJ1406+4305	RA: 14 06 25.3900 (211.6057917d) Dec: +43 05 4.70 (43.08464d) Equinox: J2000 <i>Comments: z_{AB}=24.341, y_{AB}=24.161</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>

Proposal 7491 - Targets - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars and f...

(16)	HSCJ1250+0152	RA: 12 50 1.4300 (192.5059583d) Dec: +01 52 43.20 (1.87867d) Equinox: J2000 <i>Comments: z_{AB}=23.875, y_{AB}=24.804</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(17)	HSCJ0849-0130	RA: 08 49 2.0000 (132.2583333d) Dec: -01 30 25.70 (-1.50714d) Equinox: J2000 <i>Comments: z_{AB}=23.548, y_{AB}=23.397</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(18)	HSCJ1609+5515	RA: 16 09 52.7900 (242.4699583d) Dec: +55 15 48.50 (55.26347d) Equinox: J2000 <i>Comments: z_{AB}=24.048, y_{AB}=24.033</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(19)	HSCJ1612+5559	RA: 16 12 7.1200 (243.0296667d) Dec: +55 59 19.20 (55.98867d) Equinox: J2000 <i>Comments: y_{AB}=24.091</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(20)	HSCJ1325+0129	RA: 13 25 35.1400 (201.3964167d) Dec: +01 29 47.20 (1.49644d) Equinox: J2000 <i>Comments: z_{AB}=23.530, y_{AB}=23.608</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(21)	HSCJ1336-0119	RA: 13 36 11.6000 (204.0483333d) Dec: -01 19 29.60 (-1.32489d) Equinox: J2000 <i>Comments: z_{AB}=22.687, y_{AB}=22.216</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>
(22)	HSCJ1254-0058	RA: 12 54 56.0300 (193.7334583d) Dec: -00 58 57.90 (-.98275d) Equinox: J2000 <i>Comments: z_{AB}=23.838, y_{AB}=23.922</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>

Proposal 7491 - Targets - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars and f...

(23)	HSCJ1313+0035	RA: 13 13 4.7200 (198.2696667d) Dec: +00 35 42.20 (.59506d) Equinox: J2000
<p><i>Comments: z_{AB}=23.826, y_{AB}=24.368</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		
(24)	HSCJ1314+0311	RA: 13 14 48.6900 (198.7028750d) Dec: +03 11 6.40 (3.18511d) Equinox: J2000
<p><i>Comments: z_{AB}=23.783, y_{AB}=23.753</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		
(25)	HSCJ1325+0340	RA: 13 25 14.4100 (201.3100417d) Dec: +03 40 6.00 (3.66833d) Equinox: J2000
<p><i>Comments: z_{AB}=23.891, y_{AB}=23.774</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		
(26)	HSCJ1439+0323	RA: 14 39 5.3200 (219.7721667d) Dec: +03 23 56.00 (3.39889d) Equinox: J2000
<p><i>Comments: z_{AB}=23.873, y_{AB}=24.185</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		
(27)	HSCJ2252+0402	RA: 22 52 9.1700 (343.0382083d) Dec: +04 02 43.80 (4.04550d) Equinox: J2000
<p><i>Comments: z_{AB}=25.901, y_{AB}=23.122</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		
(28)	HSCJ0212-0158	RA: 02 12 44.7400 (33.1864167d) Dec: -01 58 24.60 (-1.97350d) Equinox: J2000
<p><i>Comments: z_{AB}=23.227, y_{AB}=22.924</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		
(29)	HSCJ0914+0442	RA: 09 14 36.4700 (138.6519583d) Dec: +04 42 31.70 (4.70881d) Equinox: J2000
<p><i>Comments: z_{AB}=23.280, y_{AB}=23.007</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		

Proposal 7491 - Targets - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars and f...

(30)	HSCJ1215-0149	RA: 12 15 3.5262 (183.7646925d) Dec: -01 48 59.17 (-1.81644d) Equinox: J2000
<p><i>Comments: Coordinates modified from the original proposal, after approval by TTRB on Dec 2, 2025.</i> <i>zAB=24.40, yAB=23.75.</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=YES</i></p>		
(31)	HSCJ1202+0256	RA: 12 02 53.1300 (180.7213750d) Dec: +02 56 30.80 (2.94189d) Equinox: J2000
<p><i>Comments: zAB=23.664, yAB=23.772.</i> <i>A new target to replace J1207-0005 in the original proposal, approved by TTRB on Dec 2, 2025.</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		
(32)	Acq-HSCJ1215-0149	RA: 12 15 3.4161 (183.7642338d) Dec: -01 48 58.62 (-1.81628d) Equinox: J2000
<p><i>Comments: Offset reference source for target acquisition of HSC1215-0149 (B117b).</i> <i>It is a high-z quasar, with a point-like morphology confirmed with NIRSpec/IFU observations in Cycle 3.</i> <i>zAB=23.78, yAB=23.14.</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>		

Proposal 7491 - Observation 1 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 1: A2_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(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)	HSCJ2228+0128	RA: 22 28 27.8300 (337.1159583d) Dec: +01 28 9.50 (1.46931d) Equinox: J2000								
<i>Comments: z_{AB}=24.059, y_{AB}=24.508</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.9
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 3 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 3: A7_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>											
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)	HSCJ1417+0117	RA: 14 17 28.6700 (214.3694583d) Dec: +01 17 12.40 (1.28678d) Equinox: J2000									
	<p><i>Comments: z_{AB}=23.905, y_{AB}=23.697</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.11	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 4 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 4: A9_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
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)	HSCJ1628+4312	RA: 16 28 33.0200 (247.1375833d) Dec: +43 12 10.60 (43.20294d) Equinox: J2000								
	<p><i>Comments: zAB=23.994, yAB=24.004</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>										
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.12
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 5 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 5: A25_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(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)	HSCJ1211-0118	RA: 12 11 37.1000 (182.9045833d) Dec: -01 18 16.40 (-1.30456d) Equinox: J2000								
<i>Comments: z_{AB}=23.988, y_{AB}=23.749</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.13
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 6 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 6: A147_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(6)	HSCJ1336+0221	RA: 13 36 5.1000 (204.0212500d) Dec: +02 21 47.10 (2.36308d) Equinox: J2000 <i>Comments: zAB=23.246, yAB=23.189</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>								
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.15
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 7 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 7: B3_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpect Fixed Slit Spectroscopy</p>											
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			
	(7)	HSCJ0215-0555	RA: 02 15 45.2000 (33.9383333d) Dec: -05 55 29.10 (-5.92475d) Equinox: J2000									
	<p><i>Comments: zAB=23.981, yAB=23.674</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.16	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 8 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 8: B6_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>											
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			
	(8)	HSCJ0857+0142	RA: 08 57 23.9500 (134.3497917d) Dec: +01 42 54.60 (1.71517d) Equinox: J2000									
	<p><i>Comments: zAB=24.143, yAB=23.929</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.19	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 9 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasars...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 9: B68_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
	(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(9)	HSCJ0915-0051	RA: 09 15 45.0300 (138.9376250d) Dec: -00 51 36.00 (-.86000d) Equinox: J2000								
<p><i>Comments: zAB=24.017, yAB=24.234</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.20
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 10 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 10: B110_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>											
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			
	(10)	HSCJ0220-0432	RA: 02 20 29.7100 (35.1237917d) Dec: -04 32 3.90 (-4.53442d) Equinox: J2000									
	<p><i>Comments: zAB=23.863, yAB=23.924</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.21	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 11 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 11: B117_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(11)	HSCJ1215-0148	RA: 12 15 3.4200 (183.7642500d) Dec: -01 48 58.70 (-1.81631d) Equinox: J2000 <i>Comments: zAB=23.78, yAB=23.14</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>								
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.22
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 12 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 12: B154_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>											
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			
	(12)	HSCJ0206-0206	RA: 02 06 49.9800 (31.7082500d) Dec: -02 06 18.20 (-2.10506d) Equinox: J2000									
	<p><i>Comments: z_{AB}=23.197, y_{AB}=23.106</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.24	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 13 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 13: B304_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>											
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			
	(13)	HSCJ0035+0308	RA: 00 35 54.1500 (8.9756250d) Dec: +03 08 7.30 (3.13536d) Equinox: J2000									
	<p><i>Comments: zAB=22.536, yAB=22.438</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.25	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 14 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 14: B311_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(14)	HSCJ1406+4306	RA: 14 06 37.8400 (211.6576667d) Dec: +43 06 23.20 (43.10644d) Equinox: J2000								
<i>Comments: zAB=23.617, yAB=23.419</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.26
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 15 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 15: B311b_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(15)	HSCJ1406+4305	RA: 14 06 25.3900 (211.6057917d) Dec: +43 05 4.70 (43.08464d) Equinox: J2000 <i>Comments: zAB=24.341, yAB=24.161</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>								
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.27
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 16 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 16: B347_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>											
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			
	(16)	HSCJ1250+0152	RA: 12 50 1.4300 (192.5059583d) Dec: +01 52 43.20 (1.87867d) Equinox: J2000									
	<p><i>Comments: zAB=23.875, yAB=24.804</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.28	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern					
	1	5					NONE					
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.11

Proposal 7491 - Observation 17 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 17: B349_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
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		
	(17)	HSCJ0849-0130	RA: 08 49 2.0000 (132.2583333d) Dec: -01 30 25.70 (-1.50714d) Equinox: J2000								
	<p><i>Comments: zAB=23.548, yAB=23.397</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>										
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.29
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 18 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 18: D5_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSspec Fixed Slit Spectroscopy</p>										
	(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(18)	HSCJ1609+5515	RA: 16 09 52.7900 (242.4699583d) Dec: +55 15 48.50 (55.26347d) Equinox: J2000								
<p><i>Comments: zAB=24.048, yAB=24.033</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.30
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 19 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 19: D14_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
	<p>(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(19)	HSCJ1612+5559	RA: 16 12 7.1200 (243.0296667d) Dec: +55 59 19.20 (55.98867d) Equinox: J2000								
<p><i>Comments: yAB=24.091</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.31
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 20 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 20: E28_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(20)	HSCJ1325+0129	RA: 13 25 35.1400 (201.3964167d) Dec: +01 29 47.20 (1.49644d) Equinox: J2000 Comments: zAB=23.530, yAB=23.608 Category=Galaxy Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars] Extended=NO								
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.32
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 21 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 21: E30_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(21)	HSCJ1336-0119	RA: 13 36 11.6000 (204.0483333d) Dec: -01 19 29.60 (-1.32489d) Equinox: J2000 <i>Comments: zAB=22.687, yAB=22.216</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>								
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.33
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 22 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 22: E42_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSspec Fixed Slit Spectroscopy</p>										
	(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(22)	HSCJ1254-0058	RA: 12 54 56.0300 (193.7334583d) Dec: -00 58 57.90 (-.98275d) Equinox: J2000								
<p><i>Comments: zAB=23.838, yAB=23.922</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.34
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 23 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 23: E43_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
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		
	(23)	HSCJ1313+0035	RA: 13 13 4.7200 (198.2696667d) Dec: +00 35 42.20 (.59506d) Equinox: J2000								
	<p><i>Comments: zAB=23.826, yAB=24.368</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>										
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.35
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 24 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 24: E44_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous			
	(24)	HSCJ1314+0311	RA: 13 14 48.6900 (198.7028750d) Dec: +03 11 6.40 (3.18511d) Equinox: J2000								
Comments: zAB=23.783, yAB=23.753 Category=Galaxy Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.36
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 25 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 25: E45_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>											
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			
	(25)	HSCJ1325+0340	RA: 13 25 14.4100 (201.3100417d) Dec: +03 40 6.00 (3.66833d) Equinox: J2000									
	<p><i>Comments: zAB=23.891, yAB=23.774</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.37	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern					
	1	5					NONE					
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 26 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 26: E50_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(26)	HSCJ1439+0323	RA: 14 39 5.3200 (219.7721667d) Dec: +03 23 56.00 (3.39889d) Equinox: J2000								
<i>Comments: zAB=23.873, yAB=24.185</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.38
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 27 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 27: Y27_FS Diagnostic Status: Warning Observing Template: NIRSspec Fixed Slit Spectroscopy										
	(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous			
	(27)	HSCJ2252+0402	RA: 22 52 9.1700 (343.0382083d) Dec: +04 02 43.80 (4.04550d) Equinox: J2000								
Comments: zAB=25.901, yAB=23.122 Category=Galaxy Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.39
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 28 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 28: S12_FS Diagnostic Status: Warning Observing Template: NIRSspec Fixed Slit Spectroscopy										
	(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(28)	HSCJ0212-0158	RA: 02 12 44.7400 (33.1864167d) Dec: -01 58 24.60 (-1.97350d) Equinox: J2000 Comments: zAB=23.227, yAB=22.924 Category=Galaxy Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars] Extended=NO								
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.18
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389

Proposal 7491 - Observation 29 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	<p>Proposal 7491, Observation 29: A40_FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
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		
	(29)	HSCJ0914+0442	RA: 09 14 36.4700 (138.6519583d) Dec: +04 42 31.70 (4.70881d) Equinox: J2000								
	<p><i>Comments: zAB=23.280, yAB=23.007</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i></p> <p><i>Extended=NO</i></p>										
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.14
Template	HFF Readout Mode				Slit			Subarray			
	false				S200A2			FULL			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 30 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 30: B117b_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy											
	(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(30)	HSCJ1215-0149	RA: 12 15 3.5262 (183.7646925d) Dec: -01 48 59.17 (-1.81644d) Equinox: J2000 <i>Comments: Coordinates modified from the original proposal, after approval by TTRB on Dec 2, 2025.</i> <i>z_{AB}=24.40, y_{AB}=23.75.</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=YES</i>									
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	32 Acq-HSCJ1215-0149	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.23	
Template	HFF Readout Mode				Slit			Subarray				
	false				S400A1			FULL				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S400A1	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1

Proposal 7491 - Observation 30 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Special Requirements

Aperture PA Range 52 to 67 Degrees (V3 273.135849 to 288.135849)
Aperture PA Range 232 to 247 Degrees (V3 93.135849 to 108.135849)

Proposal 7491 - Observation 31 - Probing hidden active SMBHs in the epoch of reionization: the missing link between classical quasar...

Thu Dec 04 22:00:27 GMT 2025

Observation	Proposal 7491, Observation 31: B280_FS Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy											
	(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(31)	HSCJ1202+0256	RA: 12 02 53.1300 (180.7213750d) Dec: +02 56 30.80 (2.94189d) Equinox: J2000 <i>Comments: z_{AB}=23.664, y_{AB}=23.772.</i> <i>A new target to replace J1207-0005 in the original proposal, approved by TTRB on Dec 2, 2025.</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei, High-redshift galaxies, Lyman-alpha galaxies, Quasars]</i> <i>Extended=NO</i>									
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	FULL	F140X	NRSRAPIDD6	3	1	1	171.788	224805.10	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A2			FULL				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A2	NRSIRS2RAPID	28	1	1	NONE	5	5	2115.389	217946.1