



9277 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Cycle: 4, Proposal Category: CAL/NIRSPEC

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
observation set 1				
	1		NIRSpec Internal Lamp	NONE
	2		NIRSpec Internal Lamp	NONE
	3		NIRSpec Internal Lamp	NONE
observation set 2				
	4		NIRSpec Internal Lamp	NONE
	5		NIRSpec Internal Lamp	NONE
	6		NIRSpec Internal Lamp	NONE
observation set 3				
	7		NIRSpec Internal Lamp	NONE
	8		NIRSpec Internal Lamp	NONE
	9		NIRSpec Internal Lamp	NONE
observation set 4				
	10		NIRSpec Internal Lamp	NONE
	11		NIRSpec Internal Lamp	NONE
	12		NIRSpec Internal Lamp	NONE
observation set 5				
	13		NIRSpec Internal Lamp	NONE

JWST Proposal 9277 (Created: Wednesday, April 15, 2026, 12:01:14PM Eastern Standard Time) - Overview

Folder	Observation	Label	Observing Template	Science Target
	14		NIRSpec Internal Lamp	NONE
	15		NIRSpec Internal Lamp	NONE
observation set 6				
	40		NIRSpec Internal Lamp	NONE
	43		NIRSpec Internal Lamp	NONE
	44		NIRSpec Internal Lamp	NONE
	41		NIRSpec Internal Lamp	NONE
	45		NIRSpec Internal Lamp	NONE
	42		NIRSpec Internal Lamp	NONE
	46		NIRSpec Internal Lamp	NONE
observation set 7				
	47		NIRSpec Internal Lamp	NONE
	48		NIRSpec Internal Lamp	NONE
	49		NIRSpec Internal Lamp	NONE
	50		NIRSpec Internal Lamp	NONE
	51		NIRSpec Internal Lamp	NONE
	52		NIRSpec Internal Lamp	NONE
	53		NIRSpec Internal Lamp	NONE
	54		NIRSpec Internal Lamp	NONE
observation set 8				
	55		NIRSpec Internal Lamp	NONE
	56		NIRSpec Internal Lamp	NONE
	57		NIRSpec Internal Lamp	NONE
	58		NIRSpec Internal Lamp	NONE
	59		NIRSpec Internal Lamp	NONE
	60		NIRSpec Internal Lamp	NONE
	61		NIRSpec Internal Lamp	NONE
	62		NIRSpec Internal Lamp	NONE
observation set 9				
	63		NIRSpec Internal Lamp	NONE
	64		NIRSpec Internal Lamp	NONE
	65		NIRSpec Internal Lamp	NONE

JWST Proposal 9277 (Created: Wednesday, April 15, 2026, 12:01:14PM Eastern Standard Time) - Overview

Folder	Observation	Label	Observing Template	Science Target
	66		NIRSpec Internal Lamp	NONE
	67		NIRSpec Internal Lamp	NONE
	68		NIRSpec Internal Lamp	NONE
	69		NIRSpec Internal Lamp	NONE
	70		NIRSpec Internal Lamp	NONE
observation set 10				
	71		NIRSpec Internal Lamp	NONE
	72		NIRSpec Internal Lamp	NONE
	73		NIRSpec Internal Lamp	NONE
	74		NIRSpec Internal Lamp	NONE
	75		NIRSpec Internal Lamp	NONE
	76		NIRSpec Internal Lamp	NONE
	77		NIRSpec Internal Lamp	NONE
	78		NIRSpec Internal Lamp	NONE
observation set 11				
	79		NIRSpec Internal Lamp	NONE
	80		NIRSpec Internal Lamp	NONE
	81		NIRSpec Internal Lamp	NONE
	82		NIRSpec Internal Lamp	NONE
	83		NIRSpec Internal Lamp	NONE
	84		NIRSpec Internal Lamp	NONE
	85		NIRSpec Internal Lamp	NONE
	86		NIRSpec Internal Lamp	NONE
observation set 12				
	87		NIRSpec Internal Lamp	NONE
	88		NIRSpec Internal Lamp	NONE
	89		NIRSpec Internal Lamp	NONE
	90		NIRSpec Internal Lamp	NONE
	91		NIRSpec Internal Lamp	NONE
	92		NIRSpec Internal Lamp	NONE
	93		NIRSpec Internal Lamp	NONE
	94		NIRSpec Internal Lamp	NONE

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
observation set 13				
	95		NIRSpec Internal Lamp	NONE
	96		NIRSpec Internal Lamp	NONE
	97		NIRSpec Internal Lamp	NONE
	98		NIRSpec Internal Lamp	NONE
	99		NIRSpec Internal Lamp	NONE
	100		NIRSpec Internal Lamp	NONE
	101		NIRSpec Internal Lamp	NONE
	102		NIRSpec Internal Lamp	NONE

ABSTRACT

This program executes successive rotations of the GWA (grating wheel assembly), one position at a time, with an internal lamp exposure taken at each position (LINE4 for the PRISM, REF for the gratings). The data will enable monitoring of the calibration of the GWA tilt sensors, which is a critical part of the NIRSpec wavelength calibration. This calibration is part of the NIRSpec instrument model, but the tilt sensors are more likely to change with time than the other internal instrument model components and will be monitored more frequently. The monitor will run approximately once every 4 weeks to provide data on the GWA tilt behavior and build up statistics for a full tilt calibration if necessary. See APT file proposal description section for more detailed information. This Cycle 4 program is essentially identical to the structure of the Cycle 3 program 6638 and to that of the Cycle 2 program 4463, which had implemented a new and more efficient scheduling structure that was developed part way through the execution of the Cycle 1 program (1491).

This calibration program may change in response to system developments and the final Cycle 4 science program.

OBSERVING DESCRIPTION

The exposures taken at each GWA position are very short (1.5-3 minutes); in order to be able to fit observations into slews, we have split an individual rotation set into three observations, each with two or three wheel positions (obs 1: PRISM/LINE4, G395M/REF, G235M/REF; obs 2: G140M/REF, G395H/REF; obs 3: G235H/REF, G140H/REF). We added a timing requirement so that each set of three observations is taken within a 48-hour period (revised from 24-hours after early Cycle 1 experience provided a better understanding of the typical frequency and length of slews). This new structure worked well in Cycles 2 and 3 and will be continued in Cycle 4 with no changes apart from actual date ranges appropriate to Cycle 4.

Thirteen observation sets are included in the program. Each observation set or observing epoch is constrained to be scheduled within a 4-week period via BETWEEN special requirements (SR).

The individual observation sets, which are all conducted as slew parallels, are required to complete within 2 days via GROUP WITHIN SR and all members of a set also are required to execute within the same BETWEEN interval.

There is no constraint on the order of execution of the observations within an individual observation set.

The structure of the observing design is based upon experience gained in the Cycle 1 version of this program (PID 1491) and verified by continued successful execution in Cycle 2 (PID 4463) and Cycle 3 (PID 6638). :

- all exposures use FIXEDSLIT
- no SEQUENCE WITHIN SR are used as these inhibit easy scheduling, hence GROUP WITHIN SRs are used
- GROUP WITHIN intervals of less than 2 days are difficult to schedule in most OPs.
- BETWEEN dates should be explicitly included for each individual observation in an observation set.
- There is no constraint on the order of execution of the observations within an individual observation set.
- adjust starting and ending dates to correspond to nominal Monday/Sunday OP starting/ending dates to maximize likelihood of scheduling in any individual OP.

TIMING CONSTRAINTS

Timing constraints assume a start for Cycle 4 on 1 July 2025 and nominal end date of 30 June 2026. .

The cadence should be one epoch per every regular 4-week interval in the cycle. .

For each epoch, the 3 observations are grouped with the constraint that they be observed within 2 days of each other and the same BETWEEN

interval is explicitly specified for each member of the observation set. .

*****see special scheduling note in following text (indicated by **) that describes how we handle start of cycle not being on a Monday

The first epoch BETWEEN interval is scheduled to start on the first Monday closest to (typically following or on) 1 July 2025 (i.e., 7 July 2025)**. Each epoch then has a between range set 4 weeks later than for the previous epoch in order to monitor for changes with a regular cadence. This timing is critical to establishing a baseline and data monitor throughout the cycle.

** as the nominal start date of Cycle 4 (1 July 2025) falls on a Tuesday, the BETWEEN range for the first observation set of the cycle is set to a 3-week period (7-27 July) in order to utilize only nominal 7-day OP scheduling intervals. All other observation set BETWEEN durations cover full 4-week periods).

The 4-week windows for each epoch are meant to give schedulers some flexibility, while trying to achieve a regular cadence for better monitoring.

In the event of a change in the start of Cycle 4 by more than a few days, the time constraints will most likely need to be adjusted for all observations by that length of time.

This calibration program may change in response to system developments and the final Cycle 4 science program.

--- end

Proposal 9277 - Observation 1 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 1 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 07-JUL-2025:00:00:00 and 28-JUL-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 1, 2, 3 within 2 Days											

Proposal 9277 - Observation 2 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 2 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 07-JUL-2025:00:00:00 and 28-JUL-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 1, 2, 3 within 2 Days											

Proposal 9277 - Observation 3 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 3 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements												
	Between Dates 07-JUL-2025:00:00:00 and 28-JUL-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 1, 2, 3 within 2 Days											

Proposal 9277 - Observation 4 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 4 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 28-JUL-2025:00:00:00 and 25-AUG-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 4, 5, 6 within 2 Days											

Proposal 9277 - Observation 5 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 5 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 28-JUL-2025:00:00:00 and 25-AUG-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 4, 5, 6 within 2 Days											

Proposal 9277 - Observation 6 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 6 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 28-JUL-2025:00:00:00 and 25-AUG-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 4, 5, 6 within 2 Days												

Proposal 9277 - Observation 7 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 7 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 25-AUG-2025:00:00:00 and 22-SEP-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 7, 8, 9 within 2 Days											

Proposal 9277 - Observation 8 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 8 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 25-AUG-2025:00:00:00 and 22-SEP-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 7, 8, 9 within 2 Days											

Proposal 9277 - Observation 9 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 9 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
Diagnostics	(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 25-AUG-2025:00:00:00 and 22-SEP-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 7, 8, 9 within 2 Days											

Proposal 9277 - Observation 10 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 10 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
	(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 22-SEP-2025:00:00:00 and 20-OCT-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 10, 11, 12 within 2 Days											

Proposal 9277 - Observation 11 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 11 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 22-SEP-2025:00:00:00 and 20-OCT-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 10, 11, 12 within 2 Days												

Proposal 9277 - Observation 12 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 12 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 22-SEP-2025:00:00:00 and 20-OCT-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 10, 11, 12 within 2 Days												

Proposal 9277 - Observation 13 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 13 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 20-OCT-2025:00:00:00 and 17-NOV-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 13, 14, 15 within 2 Days											

Proposal 9277 - Observation 14 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 14 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 20-OCT-2025:00:00:00 and 17-NOV-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 13, 14, 15 within 2 Days											

Proposal 9277 - Observation 15 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 15 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 20-OCT-2025:00:00:00 and 17-NOV-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 13, 14, 15 within 2 Days												

Proposal 9277 - Observation 40 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 40 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 40:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
	# Operating Mode Subarray Lamp MSA Configuration Grating Readout Pattern Groups/Int Integrations/Exp Total Integrations Total Exposure Time Optional ETC ID 1 FIXEDSLIT FULL LINE4 ALLCLOSED PRISM NRSIRS2RAPID 5 1 1 87.533											
Special Requirements	Between Dates 17-NOV-2025:00:00:00 and 15-DEC-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 40, 41, 42, 43, 44, 45, 46 within 7 Days											

Proposal 9277 - Observation 43 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 43 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 43:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 17-NOV-2025:00:00:00 and 15-DEC-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 40, 41, 42, 43, 44, 45, 46 within 7 Days												

Proposal 9277 - Observation 44 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 44 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 44:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 17-NOV-2025:00:00:00 and 15-DEC-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 40, 41, 42, 43, 44, 45, 46 within 7 Days												

Proposal 9277 - Observation 41 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 41 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 41:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 17-NOV-2025:00:00:00 and 15-DEC-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 40, 41, 42, 43, 44, 45, 46 within 7 Days												

Proposal 9277 - Observation 45 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 45 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 45:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 17-NOV-2025:00:00:00 and 15-DEC-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 40, 41, 42, 43, 44, 45, 46 within 7 Days												

Proposal 9277 - Observation 42 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 42 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 42:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 17-NOV-2025:00:00:00 and 15-DEC-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 40, 41, 42, 43, 44, 45, 46 within 7 Days												

Proposal 9277 - Observation 46 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 46 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
	# Operating Mode Subarray Lamp MSA Configuration Grating Readout Pattern Groups/Int Integrations/Exp Total Integrations Total Exposure Time Optional ETC ID 1 FIXEDSLIT FULL REF ALLCLOSED G140H NRSIRS2RAPID 10 1 1 160.478											
Special Requirements	Between Dates 17-NOV-2025:00:00:00 and 15-DEC-2025:00:00:00 No Parallel Attachments Parallel slew only Group Observations 40, 41, 42, 43, 44, 45, 46 within 7 Days											

Proposal 9277 - Observation 47 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 47 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		MIRROR	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements												
	Between Dates 15-DEC-2025:00:00:00 and 12-JAN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 47, 48, 49, 50, 51, 52, 53 within 7 Days											

Proposal 9277 - Observation 48 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 48 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 48:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		PRISM	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 15-DEC-2025:00:00:00 and 12-JAN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 47, 48, 49, 50, 51, 52, 53 within 7 Days												

Proposal 9277 - Observation 49 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 49 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 49:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G395M	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533		
	Between Dates 15-DEC-2025:00:00:00 and 12-JAN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 47, 48, 49, 50, 51, 52, 53 within 7 Days												

Proposal 9277 - Observation 50 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 50 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
Diagnostics	(Visit 50:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G235M	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 15-DEC-2025:00:00:00 and 12-JAN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 47, 48, 49, 50, 51, 52, 53 within 7 Days											

Proposal 9277 - Observation 51 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 51 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140M	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
	Between Dates 15-DEC-2025:00:00:00 and 12-JAN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 47, 48, 49, 50, 51, 52, 53 within 7 Days												

Proposal 9277 - Observation 52 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 52 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 52:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G395H	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 15-DEC-2025:00:00:00 and 12-JAN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 47, 48, 49, 50, 51, 52, 53 within 7 Days											

Proposal 9277 - Observation 53 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 53											
	Diagnostic Status: Warning											
Diagnostics	Observing Template: NIRSpec Internal Lamp											
	(Visit 53:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G235H	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 15-DEC-2025:00:00:00 and 12-JAN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 47, 48, 49, 50, 51, 52, 53 within 7 Days											

Proposal 9277 - Observation 54 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 54 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 54:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G140H	NRS	0	0	0	0.0	
	2	MSASPEC	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 15-DEC-2025:00:00:00 and 12-JAN-2026:00:00:00 No Parallel Attachments Parallel slew only											

Proposal 9277 - Observation 55 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 55 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 55:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		MIRROR	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 12-JAN-2026:00:00:00 and 09-FEB-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 55, 56, 57, 58, 59, 60, 61 within 7 Days												

Proposal 9277 - Observation 56 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 56 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 56:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		PRISM	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 12-JAN-2026:00:00:00 and 09-FEB-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 55, 56, 57, 58, 59, 60, 61 within 7 Days												

Proposal 9277 - Observation 57 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 57 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 57:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G395M	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 12-JAN-2026:00:00:00 and 09-FEB-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 55, 56, 57, 58, 59, 60, 61 within 7 Days											

Proposal 9277 - Observation 58 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 58 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 58:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G235M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 12-JAN-2026:00:00:00 and 09-FEB-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 55, 56, 57, 58, 59, 60, 61 within 7 Days												

Proposal 9277 - Observation 59 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 59 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 59:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140M	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
	Between Dates 12-JAN-2026:00:00:00 and 09-FEB-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 55, 56, 57, 58, 59, 60, 61 within 7 Days												

Proposal 9277 - Observation 60 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 60 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 60:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G395H	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 12-JAN-2026:00:00:00 and 09-FEB-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 55, 56, 57, 58, 59, 60, 61 within 7 Days												

Proposal 9277 - Observation 61 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 61 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
	(Visit 61:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G235H	NRS	0	0	0	0.0	
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
	Between Dates 12-JAN-2026:00:00:00 and 09-FEB-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 55, 56, 57, 58, 59, 60, 61 within 7 Days											

Proposal 9277 - Observation 62 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 62 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 62:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G140H	NRS	0	0	0	0.0	
	2	MSASPEC	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements												
	Between Dates 12-JAN-2026:00:00:00 and 09-FEB-2026:00:00:00 No Parallel Attachments Parallel slew only											

Proposal 9277 - Observation 63 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 63 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 63:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		MIRROR	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 09-FEB-2026:00:00:00 and 09-MAR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 63, 64, 65, 66, 67, 68, 69 within 7 Days												

Proposal 9277 - Observation 64 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 64 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 64:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		PRISM	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533		
	Between Dates 09-FEB-2026:00:00:00 and 09-MAR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 63, 64, 65, 66, 67, 68, 69 within 7 Days												

Proposal 9277 - Observation 65 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 65 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 65:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G395M	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 09-FEB-2026:00:00:00 and 09-MAR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 63, 64, 65, 66, 67, 68, 69 within 7 Days											

Proposal 9277 - Observation 66 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 66 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
Diagnostics	(Visit 66:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G235M	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 09-FEB-2026:00:00:00 and 09-MAR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 63, 64, 65, 66, 67, 68, 69 within 7 Days											

Proposal 9277 - Observation 67 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 67 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 67:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140M	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
	Between Dates 09-FEB-2026:00:00:00 and 09-MAR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 63, 64, 65, 66, 67, 68, 69 within 7 Days												

Proposal 9277 - Observation 68 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 68 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 68:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G395H	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 09-FEB-2026:00:00:00 and 09-MAR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 63, 64, 65, 66, 67, 68, 69 within 7 Days											

Proposal 9277 - Observation 69 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 69 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 69:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G235H	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478		
	Between Dates 09-FEB-2026:00:00:00 and 09-MAR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 63, 64, 65, 66, 67, 68, 69 within 7 Days												

Proposal 9277 - Observation 70 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 70 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 70:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140H	NRS	0	0	0	0.0		
	2	MSASPEC	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 09-FEB-2026:00:00:00 and 09-MAR-2026:00:00:00 No Parallel Attachments Parallel slew only												

Proposal 9277 - Observation 71 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 71 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 71:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		MIRROR	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 09-MAR-2026:00:00:00 and 06-APR-2026:00:00:00 No Parallel Attachments Parallel slew only											

Proposal 9277 - Observation 72 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 72 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 72:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		PRISM	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 09-MAR-2026:00:00:00 and 06-APR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 72, 73, 74, 75, 76, 77 within 7 Days												

Proposal 9277 - Observation 73 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 73 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 73:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G395M	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements												
	Between Dates 09-MAR-2026:00:00:00 and 06-APR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 72, 73, 74, 75, 76, 77 within 7 Days											

Proposal 9277 - Observation 74 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 74 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 74:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G235M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 09-MAR-2026:00:00:00 and 06-APR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 72, 73, 74, 75, 76, 77 within 7 Days												

Proposal 9277 - Observation 75 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 75 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 75:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 09-MAR-2026:00:00:00 and 06-APR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 72, 73, 74, 75, 76, 77 within 7 Days												

Proposal 9277 - Observation 76 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 76 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 76:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G395H	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements													
	Between Dates 09-MAR-2026:00:00:00 and 06-APR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 72, 73, 74, 75, 76, 77 within 7 Days												

Proposal 9277 - Observation 77 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 77 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
Diagnostics	(Visit 77:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G235H	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 09-MAR-2026:00:00:00 and 06-APR-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 72, 73, 74, 75, 76, 77 within 7 Days											

Proposal 9277 - Observation 78 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 78 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
Diagnostics	(Visit 78:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G140H	NRS	0	0	0	0.0	
	2	MSASPEC	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 09-MAR-2026:00:00:00 and 06-APR-2026:00:00:00 No Parallel Attachments Parallel slew only											

Proposal 9277 - Observation 79 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 79 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 79:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		MIRROR	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements												
	Between Dates 06-APR-2026:00:00:00 and 04-MAY-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 79, 80, 81, 82, 83, 84, 85 within 7 Days											

Proposal 9277 - Observation 80 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 80 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 80:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		PRISM	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 06-APR-2026:00:00:00 and 04-MAY-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 79, 80, 81, 82, 83, 84, 85 within 7 Days												

Proposal 9277 - Observation 81 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 81 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 81:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G395M	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533		
	Between Dates 06-APR-2026:00:00:00 and 04-MAY-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 79, 80, 81, 82, 83, 84, 85 within 7 Days												

Proposal 9277 - Observation 82 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 82 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 82:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G235M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements													
	Between Dates 06-APR-2026:00:00:00 and 04-MAY-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 79, 80, 81, 82, 83, 84, 85 within 7 Days												

Proposal 9277 - Observation 83 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 83 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 83:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140M	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
	Between Dates 06-APR-2026:00:00:00 and 04-MAY-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 79, 80, 81, 82, 83, 84, 85 within 7 Days												

Proposal 9277 - Observation 84 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 84 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 84:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G395H	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 06-APR-2026:00:00:00 and 04-MAY-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 79, 80, 81, 82, 83, 84, 85 within 7 Days											

Proposal 9277 - Observation 85 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 85 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 85:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G235H	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478		
	Between Dates 06-APR-2026:00:00:00 and 04-MAY-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 79, 80, 81, 82, 83, 84, 85 within 7 Days												

Proposal 9277 - Observation 86 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 86 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
Diagnostics	(Visit 86:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G140H	NRS	0	0	0	0.0	
	2	MSASPEC	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 06-APR-2026:00:00:00 and 04-MAY-2026:00:00:00 No Parallel Attachments Parallel slew only											

Proposal 9277 - Observation 87 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 87 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 87:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		MIRROR	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533		
	Between Dates 04-MAY-2026:00:00:00 and 01-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 87, 88, 89, 90, 91, 92, 93 within 7 Days												

Proposal 9277 - Observation 88 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 88 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 88:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		PRISM	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 04-MAY-2026:00:00:00 and 01-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 87, 88, 89, 90, 91, 92, 93 within 7 Days												

Proposal 9277 - Observation 89 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 89 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 89:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G395M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 04-MAY-2026:00:00:00 and 01-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 87, 88, 89, 90, 91, 92, 93 within 7 Days												

Proposal 9277 - Observation 90 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 90 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 90:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G235M	NRS	0	0	0	0.0		
Special Requirements	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533		
	Between Dates 04-MAY-2026:00:00:00 and 01-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 87, 88, 89, 90, 91, 92, 93 within 7 Days												

Proposal 9277 - Observation 91 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 91 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 91:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 04-MAY-2026:00:00:00 and 01-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 87, 88, 89, 90, 91, 92, 93 within 7 Days												

Proposal 9277 - Observation 92 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 92 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 92:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G395H	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 04-MAY-2026:00:00:00 and 01-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 87, 88, 89, 90, 91, 92, 93 within 7 Days												

Proposal 9277 - Observation 93 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 93 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 93:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G235H	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 04-MAY-2026:00:00:00 and 01-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 87, 88, 89, 90, 91, 92, 93 within 7 Days												

Proposal 9277 - Observation 94 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 94 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
Diagnostics	(Visit 94:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G140H	NRS	0	0	0	0.0	
	2	MSASPEC	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	Between Dates 04-MAY-2026:00:00:00 and 01-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only											

Proposal 9277 - Observation 95 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 95 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
Diagnostics	(Visit 95:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		MIRROR	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 01-JUN-2026:00:00:00 and 29-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 95, 96, 97, 98, 99, 100, 101 within 7 Days												

Proposal 9277 - Observation 96 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 96												Wed Apr 15 17:01:14 GMT 2026
	Diagnostic Status: Warning												
	Observing Template: NIRSpec Internal Lamp												
Diagnostics	(Visit 96:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		PRISM	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 01-JUN-2026:00:00:00 and 29-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 95, 96, 97, 98, 99, 100, 101 within 7 Days												

Proposal 9277 - Observation 97 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 97 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 97:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G395M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 01-JUN-2026:00:00:00 and 29-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 95, 96, 97, 98, 99, 100, 101 within 7 Days												

Proposal 9277 - Observation 98 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 98 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 98:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G235M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533		
Special Requirements	Between Dates 01-JUN-2026:00:00:00 and 29-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 95, 96, 97, 98, 99, 100, 101 within 7 Days												

Proposal 9277 - Observation 99 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 99 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 99:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140M	NRS	0	0	0	0.0		
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478		
Special Requirements	Between Dates 01-JUN-2026:00:00:00 and 29-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 95, 96, 97, 98, 99, 100, 101 within 7 Days												

Proposal 9277 - Observation 100 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 100 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
	(Visit 100:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnostics												
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G395H	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 01-JUN-2026:00:00:00 and 29-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 95, 96, 97, 98, 99, 100, 101 within 7 Days											

Proposal 9277 - Observation 101 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 101 Wed Apr 15 17:01:14 GMT 2026											
	Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp											
Diagnostics	(Visit 101:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
	1	GRATING_ON LY	FULL	NONE		G235H	NRS	0	0	0	0.0	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
Special Requirements	Between Dates 01-JUN-2026:00:00:00 and 29-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only Group Observations 95, 96, 97, 98, 99, 100, 101 within 7 Days											

Proposal 9277 - Observation 102 - CAL-NRS-412: NIRSpec Cycle 4 Grating Wheel (GWA) Tilt Monitor

Observation	Proposal 9277, Observation 102 Diagnostic Status: Warning Observing Template: NIRSpec Internal Lamp												Wed Apr 15 17:01:14 GMT 2026
	(Visit 102:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Diagnostics													
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	GRATING_ON LY	FULL	NONE		G140H	NRS	0	0	0	0.0		
Special Requirements	2	MSASPEC	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533		
	Between Dates 01-JUN-2026:00:00:00 and 29-JUN-2026:00:00:00 No Parallel Attachments Parallel slew only												