



4448 - NIRCcam Subarray Linearity

Cycle: 2, Proposal Category: CAL/NIRCAM

INVESTIGATORS

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Dr. Armin Rest (CoI)	Space Telescope Science Institute
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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Observation Folder				
	1	ModB SUB64P	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	2	ModB SUB160P	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	3	ModB SUB400P	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	4	ModB SUB160	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	5	ModB SUB320	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	6	ModB SUB640	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	7	ModB FULL	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	8	ModA SUB64P	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	9	ModA SUB160	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	10	ModA SUBGRISM64	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	11	ModA SUBGRISM128	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	12	ModA SUBGRISM256	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	13	ModA FULL	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407
	14	ModA FULL MASKS	NIRCcam Engineering Imaging	(5) 2MASS-J05215777-6930407

ABSTRACT

The purpose of this activity is to measure count-rate linearity in the FULL frame, and in all science and calibration subarrays. The program requires observations of a rich stellar field that is bright and dense down to the confusion limit. The goal is to probe the linearity of a large sample of pixels across the detector/subarray by exposing in RAPID mode up to saturation. This program will target the LMC calibration field, which is in the CVZ. Observations between the FULL frame and the subarrays are set at the same field point to ensure the same stars are detected at the same spots on the detector.

This calibration program is provisional and may change in response to system developments and the final Cycle 2 science program.

OBSERVING DESCRIPTION

TARGET: Bright stars in the LMC Calibration field

EXPOSURE SETUP: RAPID, with groups set to achieve at least 600 second exposures, except for SUB64P, which can't reach that depth (max is 5000 groups).

DITHERS/MOSAIC: No dithers or mosaics - detector should remain at the same spot between exposures.

SUBARRAYS/DETECTORS: We are using all science and calibration subarrays, plus the FULL frames.

TIMING REQUIREMENTS: We link all mod-A observations as noninterruptible. Same for mod-B observations. We want no/minimal movement between observations.

SPECIAL REQUIREMENTS: We use fiducial point overrides to keep the detectors at the same position for each exposure.

Proposal 4448 - Targets - NIRCcam Subarray Linearity

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000	Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5	
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>			
	<i>Kmag=12.29 LPV Category=Star Description=[Long period variables]</i>			
(6)	LMC-CALIBRATION-FIELD	RA: 05 22 6.2568 (80.5260700d) Dec: -69 29 6.91 (-69.48525d) Equinox: J2000		
Fixed Targets	<i>Comments: Category=Calibration Description=[Astrometric, Detector linearity test, Line spread function, Photometric, Point spread function]</i>			

Proposal 4448 - Observation 1 - NIRCcam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 1: ModB SUB64P</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Engineering Imaging</p>											
Diagnostics	<p>(ModB SUB64P (Obs 1)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	B					SUB64P						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	5000	1	1	1	250.853	
Special Requirements	<p>Fiducial Point Override NRCB1_SUB64P</p> <p>Sequence Observations 1, 2, 3, 4, 5, 6, 7, Non-interruptible</p>											

Proposal 4448 - Observation 2 - NIRCcam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	Proposal 4448, Observation 2: ModB SUB160P Diagnostic Status: Warning Observing Template: NIRCcam Engineering Imaging																																									
	(ModB SUB160P (Obs 2)) Warning (Form): The selected fiducial point is not a standard option for the instrument. (Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th colspan="3">Targ. Coord. Corrections</th> <th colspan="3">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>2MASS-J05215777-6930407</td> <td>RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000</td> <td colspan="3">Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5</td> <td colspan="3"></td> </tr> <tr> <td colspan="12"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Kmag=12.29 LPV Category=Star Description=[Long period variables] </td> </tr> </tbody> </table>												#	Name	Target Coordinates	Targ. Coord. Corrections			Miscellaneous			(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000	Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Kmag=12.29 LPV Category=Star Description=[Long period variables]											
	#	Name	Target Coordinates	Targ. Coord. Corrections			Miscellaneous																																			
(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000	Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5																																							
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Kmag=12.29 LPV Category=Star Description=[Long period variables]																																										
Template	Module						Subarray																																			
	B						SUB160P																																			
Dithers	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Dither Type</th> <th>Primary Dithers</th> <th>Subpixel Dither Type</th> <th>Dither Size</th> <th>Subpixel Positions</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> <td></td> <td>STANDARD</td> <td></td> <td>1</td> </tr> </tbody> </table>												#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions	1	NONE		STANDARD		1																		
	#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions																																				
1	NONE		STANDARD		1																																					
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Short Pupil</th> <th>Long Pupil</th> <th>Short Filter</th> <th>Long Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Dithers</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CLEAR</td> <td>CLEAR</td> <td>F212N</td> <td>F277W</td> <td>RAPID</td> <td>3000</td> <td>1</td> <td>1</td> <td>1</td> <td>836.204</td> <td></td> </tr> </tbody> </table>												#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	CLEAR	CLEAR	F212N	F277W	RAPID	3000	1	1	1	836.204							
	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																														
1	CLEAR	CLEAR	F212N	F277W	RAPID	3000	1	1	1	836.204																																
Special Requirements	Fiducial Point Override NRCB1_SUB64P Sequence Observations 1, 2, 3, 4, 5, 6, 7, Non-interruptible																																									

Proposal 4448 - Observation 3 - NIRCcam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 3: ModB SUB400P</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Engineering Imaging</p>											
Diagnostics	<p>(ModB SUB400P (Obs 3)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	B					SUB400P						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	400	1	1	1	664.173	
Special Requirements	<p>Fiducial Point Override NRCB1_SUB64P</p> <p>Sequence Observations 1, 2, 3, 4, 5, 6, 7, Non-interruptible</p>											

Proposal 4448 - Observation 4 - NIRCcam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 4: ModB SUB160</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Engineering Imaging</p>											
Diagnostics	<p>(ModB SUB160 (Obs 4)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	B					SUB160						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	3000	1	1	1	836.204	
Special Requirements	<p>Fiducial Point Override NRCB1_SUB64P</p> <p>Sequence Observations 1, 2, 3, 4, 5, 6, 7, Non-interruptible</p>											

Proposal 4448 - Observation 5 - NIRCcam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 5: ModB SUB320</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Engineering Imaging</p>											
Diagnostics	<p>(ModB SUB320 (Obs 5)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	B					SUB320						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	600	1	1	1	642.514	
Special Requirements	<p>Fiducial Point Override NRCB1_SUB64P</p> <p>Sequence Observations 1, 2, 3, 4, 5, 6, 7, Non-interruptible</p>											

Proposal 4448 - Observation 6 - NIRCam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 6: ModB SUB640</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Engineering Imaging</p>											
Diagnostics	<p>(ModB SUB640 (Obs 6)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	B					SUB640						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	150	1	1	1	632.082	
Special Requirements	<p>Fiducial Point Override NRCB1_SUB64P</p> <p>Sequence Observations 1, 2, 3, 4, 5, 6, 7, Non-interruptible</p>											

Proposal 4448 - Observation 7 - NIRCcam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 7: ModB FULL</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Engineering Imaging</p>											
Diagnostics	<p>(ModB FULL (Obs 7)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	B					FULL						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	56	1	1	1	601.259	
Special Requirements	<p>Fiducial Point Override NRCB1_SUB64P</p> <p>Sequence Observations 1, 2, 3, 4, 5, 6, 7, Non-interruptible</p>											

Proposal 4448 - Observation 8 - NIRCam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 8: ModA SUB64P</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Engineering Imaging</p>											
Diagnostics	<p>(ModA SUB64P (Obs 8)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	A					SUB64P						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	5000	1	1	1	250.853	
Special Requirements	<p>Fiducial Point Override NRCA3_SUB64P</p> <p>Sequence Observations 8, 9, 10, 11, 12, 13, 14, Non-interruptible</p>											

Proposal 4448 - Observation 9 - NIRCam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 9: ModA SUB160</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Engineering Imaging</p>											
Diagnostics	<p>(ModA SUB160 (Obs 9)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	A					SUB160						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	3000	1	1	1	836.204	
Special Requirements	<p>Fiducial Point Override NRCA3_SUB64P</p> <p>Sequence Observations 8, 9, 10, 11, 12, 13, 14, Non-interruptible</p>											

Proposal 4448 - Observation 10 - NIRCam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 10: ModA SUBGRISM64</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Engineering Imaging</p>											
Diagnostics	<p>(ModA SUBGRISM64 (Obs 10)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	A					SUBGRISM64						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	500	1	1	1	681.165	
Special Requirements	<p>Fiducial Point Override NRCA3_SUB64P</p> <p>Sequence Observations 8, 9, 10, 11, 12, 13, 14, Non-interruptible</p>											

Proposal 4448 - Observation 11 - NIRCam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	Proposal 4448, Observation 11: ModA SUBGRISM128 Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging																																			
	(ModA SUBGRISM128 (Obs 11)) Warning (Form): The selected fiducial point is not a standard option for the instrument. (Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																			
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>2MASS-J05215777-6930407</td> <td>RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000</td> <td>Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5</td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000	Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5		<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Kmag=12.29</i> <i>LPV</i> <i>Category=Star</i> <i>Description=[Long period variables]</i>																								
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	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																								
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Special Requirements	Fiducial Point Override NRCA3_SUB64P																																			
	Sequence Observations 8, 9, 10, 11, 12, 13, 14, Non-interruptible																																			

Proposal 4448 - Observation 12 - NIRCam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	Proposal 4448, Observation 12: ModA SUBGRISM256 Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging																																													
	(ModA SUBGRISM256 (Obs 12)) Warning (Form): The selected fiducial point is not a standard option for the instrument. (Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																													
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th colspan="4">Targ. Coord. Corrections</th> <th colspan="4">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>2MASS-J05215777-6930407</td> <td>RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000</td> <td colspan="4">Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5</td> <td colspan="4"></td> </tr> <tr> <td colspan="12"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Kmag=12.29</i> <i>LPV</i> <i>Category=Star</i> <i>Description=[Long period variables]</i> </td> </tr> </tbody> </table>												#	Name	Target Coordinates	Targ. Coord. Corrections				Miscellaneous				(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000	Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5								<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Kmag=12.29</i> <i>LPV</i> <i>Category=Star</i> <i>Description=[Long period variables]</i>											
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Template	Module						Subarray																																							
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Dithers	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Dither Type</th> <th colspan="2">Primary Dithers</th> <th>Subpixel Dither Type</th> <th>Dither Size</th> <th colspan="2">Subpixel Positions</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> <td colspan="2"></td> <td>STANDARD</td> <td></td> <td colspan="2">1</td> </tr> </tbody> </table>												#	Primary Dither Type	Primary Dithers		Subpixel Dither Type	Dither Size	Subpixel Positions		1	NONE			STANDARD		1																			
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1	NONE			STANDARD		1																																								
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Short Pupil</th> <th>Long Pupil</th> <th>Short Filter</th> <th>Long Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Dithers</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CLEAR</td> <td>CLEAR</td> <td>F212N</td> <td>F277W</td> <td>RAPID</td> <td>120</td> <td>1</td> <td>1</td> <td>1</td> <td>643.111</td> <td></td> </tr> </tbody> </table>												#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	CLEAR	CLEAR	F212N	F277W	RAPID	120	1	1	1	643.111											
	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
1	CLEAR	CLEAR	F212N	F277W	RAPID	120	1	1	1	643.111																																				
Special Requirements	Fiducial Point Override NRCA3_SUB64P Sequence Observations 8, 9, 10, 11, 12, 13, 14, Non-interruptible																																													

Proposal 4448 - Observation 13 - NIRCcam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 13: ModA FULL</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Engineering Imaging</p>											
Diagnostics	<p>(ModA FULL (Obs 13)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	A					FULL						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	CLEAR	CLEAR	F212N	F277W	RAPID	56	1	1	1	601.259	
Special Requirements	<p>Fiducial Point Override NRCA3_SUB64P</p> <p>Sequence Observations 8, 9, 10, 11, 12, 13, 14, Non-interruptible</p>											

Proposal 4448 - Observation 14 - NIRCam Subarray Linearity

Mon May 08 21:01:52 GMT 2023

Observation	<p>Proposal 4448, Observation 14: ModA FULL MASKS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Engineering Imaging</p>											
Diagnostics	<p>(ModA FULL MASKS (Obs 14)) Warning (Form): The selected fiducial point is not a standard option for the instrument.</p> <p>(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	2MASS-J05215777-6930407	RA: 05 21 57.7844 (80.4907683d) Dec: -69 30 40.80 (-69.51133d) Equinox: J2000			Proper Motion RA: 3.9807009234532484E-4 sec of time/yr Proper Motion Dec: 5.989999999999999E-4 arcsec/yr Epoch of Position: 2015.5						
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Kmag=12.29</i></p> <p><i>LPV</i></p> <p><i>Category=Star</i></p> <p><i>Description=[Long period variables]</i></p>											
Template	Module					Subarray						
	A					FULL						
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions		
	1	NONE				STANDARD				1		
Spectral Elements	#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	MASKRND	MASKRND	F212N	F277W	RAPID	200	1	1	1	2147.354	
Special Requirements	<p>Fiducial Point Override NRCA3_SUB64P</p> <p>Sequence Observations 8, 9, 10, 11, 12, 13, 14, Non-interruptible</p>											