



## 4465 - MOS Slit Losses

Cycle: 2, Proposal Category: CAL/NIRSPEC

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>
<b>Dra. Elena Manjavacas (PI)</b>	<b>Space Telescope Science Institute</b>
Dr. Charles R. Proffitt (CoI)	Space Telescope Science Institute
Dr. Stephan Birkmann (CoI) (ESA Member)	Space Telescope Science Institute - ESA

### OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Observation Folder				
	1	PRISM moved around shutter	NIRSpec MultiObject Spectroscopy	(1) Gaia-DR3-3038045185547143936

### ABSTRACT

Sample the slit losses for the MSA shutters in the 1x1 and 1x3 shutter case at any given position of the shutter. The observations conducted during commissioning didn't sufficiently sample the corners of the MSA shutter, thus an accurate and smooth slit loss calibration could not be produced. We will add extra slit losses measurement for MOS at the corners of one shutter.

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

### OBSERVING DESCRIPTION

Not needed

## Proposal 4465 - Targets - MOS Slit Losses

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
	(1)	Gaia-DR3- 3038045185547143936	RA: 08 00 14.2126 (120.0592192d) Dec: -10 47 29.47 (-10.79152d) Equinox: J2000	Proper Motion RA: -1.7068523903317065E-4 sec of time/yr Proper Motion Dec: 0.004057000000000001 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>Category=Calibration</i></p> <p><i>Description=[Photometric]</i></p> <p><i>Extended=NO</i></p>				

Proposal 4465 - Observation 1 - MOS Slit Losses

Wed May 03 23:03:46 GMT 2023

<b>Observation</b>	<p><b>Proposal 4465, Observation 1: PRISM moved around shutter</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec MultiObject Spectroscopy</p>										
<b>Diagnostics</b>	<p>(PRISM moved around shutter (Obs 1)) Warning (Form): Record ETC Wkbk.Calc ID used to verify target acquisition.</p> <p>(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>		
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<b>Acquisition</b>	<b>#</b>	<b>Target</b>	<b>TA Method</b>	<b>Subarray</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	
<b>Template</b>	<b>Obtain Confirmation Images</b>		<b>Science Aperture</b>		<b>Primary Candidate List</b>		<b>Filler Candidate List</b>		<b>Spectral Overlap Map</b>		<b>Spectral Overlap Threshold</b>
	No		Q4 Field Point 1						jwst-nirspec-prism		1.5

Proposal 4465 - Observation 1 - MOS Slit Losses

Spectral Elements	#	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
	1	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		0.0	0.0	0.0	3	30	1313.0
	2	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		359.99999470267437	-0.365	-0.425	3	30	1313.0
	3	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		359.9999948748708	-0.365	0.425	3	30	1313.0
	4	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		5.297101477807602E-6	0.365	0.425	3	30	1313.0
	5	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		5.076884140843351E-6	0.35	0.395	3	30	1313.0
	6	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		4.353936869686229E-6	0.3	0.35	3	30	1313.0
	7	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		359.9999949943049	-0.345	-0.395	3	30	1313.0
	8	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		359.99999528998734	-0.325	-0.345	3	30	1313.0
	9	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		359.99999565198993	-0.3	-0.32	3	30	1313.0
	10	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		359.99999587020403	-0.285	-0.3	3	30	1313.0
11	1 (PRISM/CLEAR)	Q4 Field Point 1 Long Slit	3 Shutter Slitlet		5.00650916726192E-6	0.345	0.4	3	30	1313.0	