



16423 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

Cycle: 28, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) VCCA-034	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:12.0	yes
02	(2) UGC-07411	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:14.0	yes
03	(3) UGC-07816	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:15.0	yes
04	(4) WISEA-J161902.53+291022.4	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:16.0	yes
05	(5) WISEA-J094419.43+095904.7	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:17.0	yes
06	(6) 2MASX-J11404072+5948504	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:18.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
07	(7) WISEA-J080028.51+152711.0	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:19.0	yes
08	(8) CGCG-119-107	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:20.0	yes
09	(9) WISEA-J125747.86+274610.0	WFC3/IR WFC3/UVIS	1	16-Sep-2020 18:00:22.0	yes

9 Total Orbits Used

ABSTRACT

The population of massive black holes (BHs) in present day low-mass galaxies is an important constraint for models of black hole formation and growth. However, these systems are generally difficult to find. We have recently identified a population of low-mass galaxies ($M_{\text{star}}=5 \times 10^7 - 5 \times 10^9 M_{\text{sun}}$) with long-term optical photometric variability consistent with an active galactic nucleus (AGN). These systems tend to lack optical spectroscopic AGN signatures, indicating they may be AGN missed by standard selection techniques. We propose joint Chandra and HST observations of 9 nearby ($z < 0.02$) low-mass galaxies with AGN-like variability to validate this selection technique, study accretion properties, and characterize host galaxies.

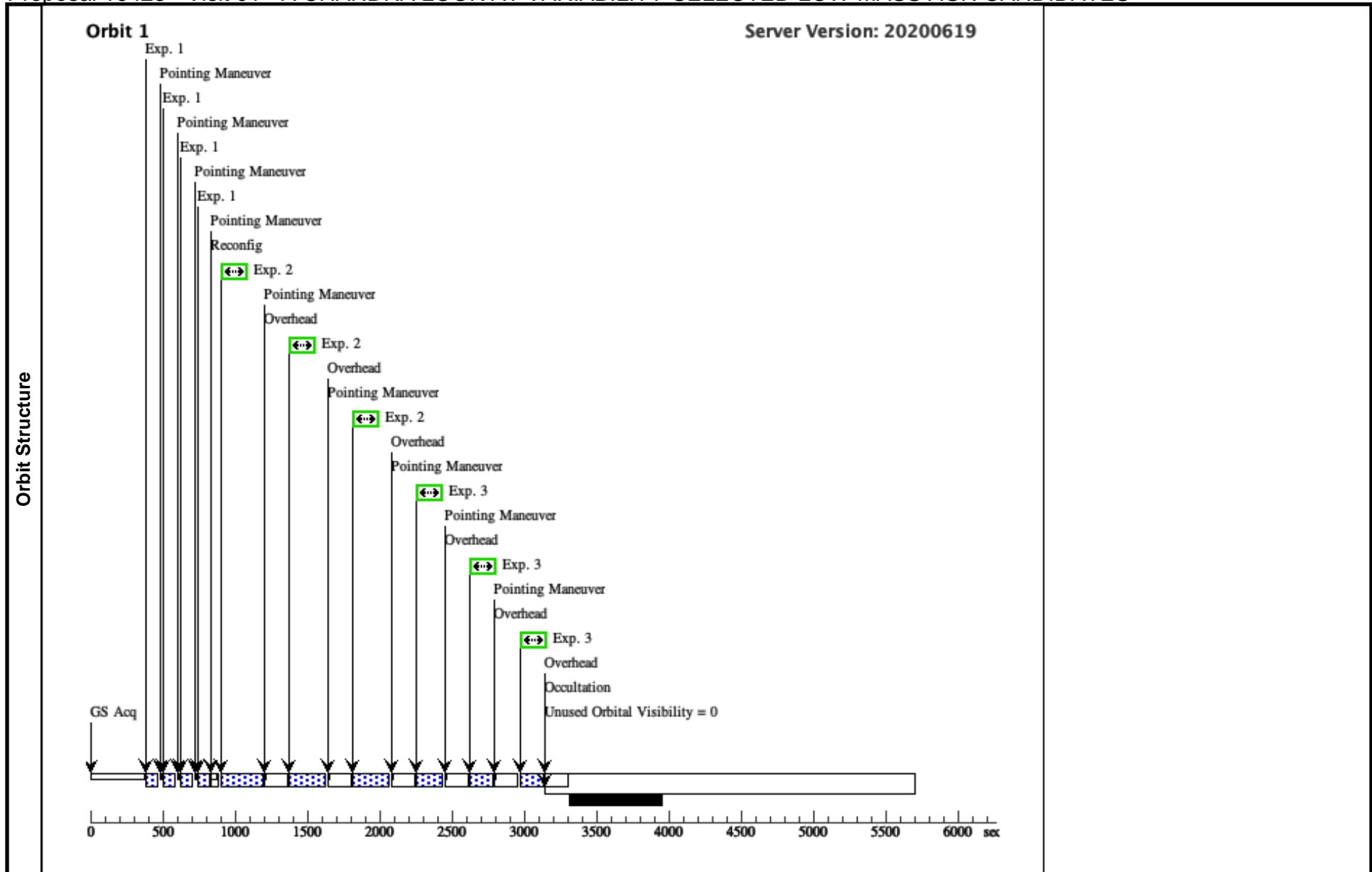
OBSERVING DESCRIPTION

We will observe 9 low-mass galaxies with AGN-like variability signatures. We will use WFC3 IR and UVIS observations to analyze the morphologies and star formation properties of our targets. Specifically, we will observe in WFC3 IR/F110W and WFC3 UVIS/F300X and UVIS/F606W.

Proposal 16423 - Visit 01 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

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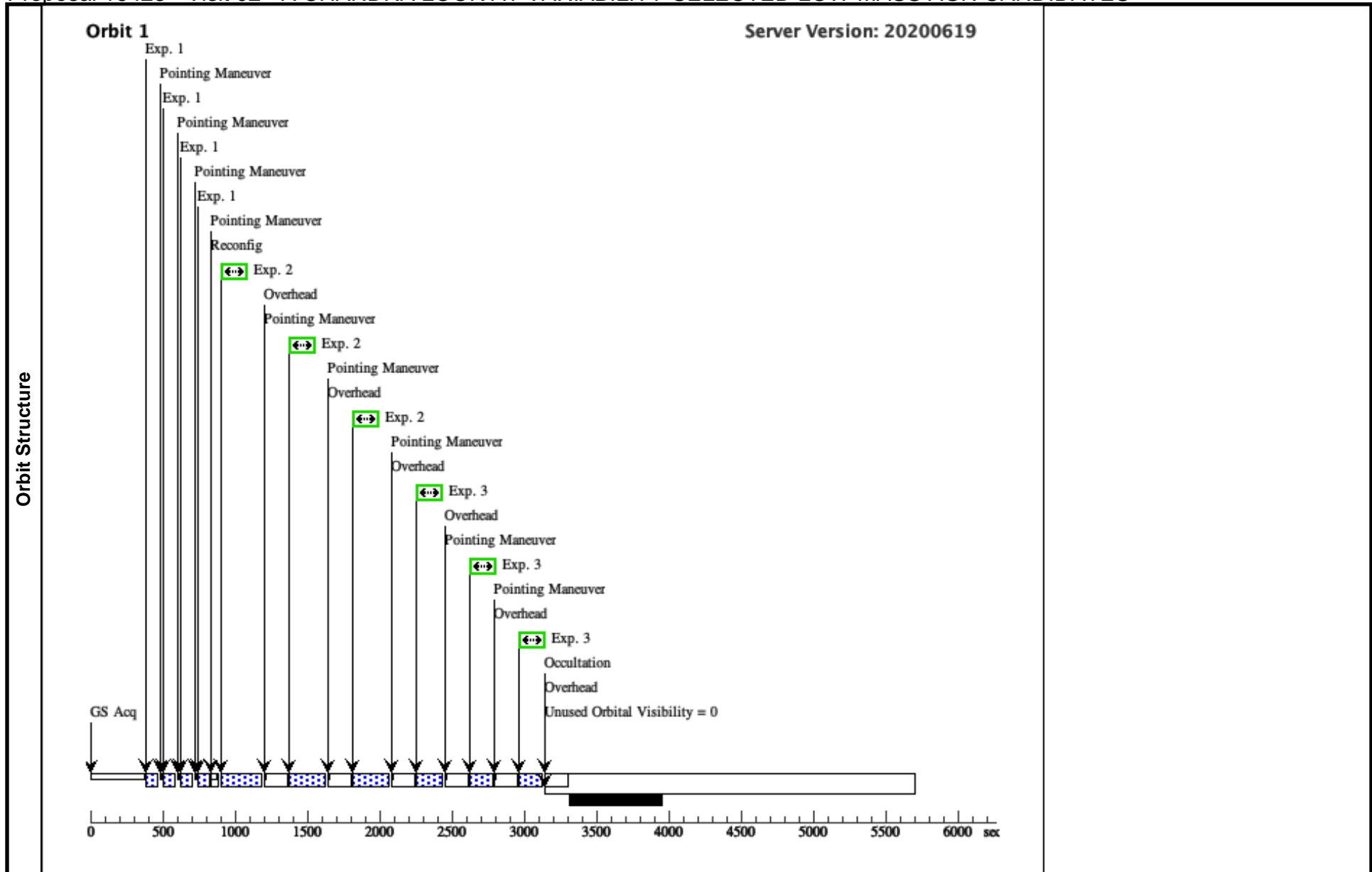
Visit	Proposal 16423, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)						
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	VCCA-034 Alt Name1: NSA67333	RA: 12 26 47.9496 (186.6997900d) Dec: +07 40 17.54 (7.67154d) Equinox: J2000		V=15.5	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) VCCA-034	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP25		Pattern 2, Exps 1-1 in Visit 01 (2)	59.675893 Secs (238.704 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2		(1) VCCA-034	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 01 (3)	256 Secs (768 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
3		(1) VCCA-034	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 01 (3)	160 Secs (480 Secs)		
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 16423 - Visit 02 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

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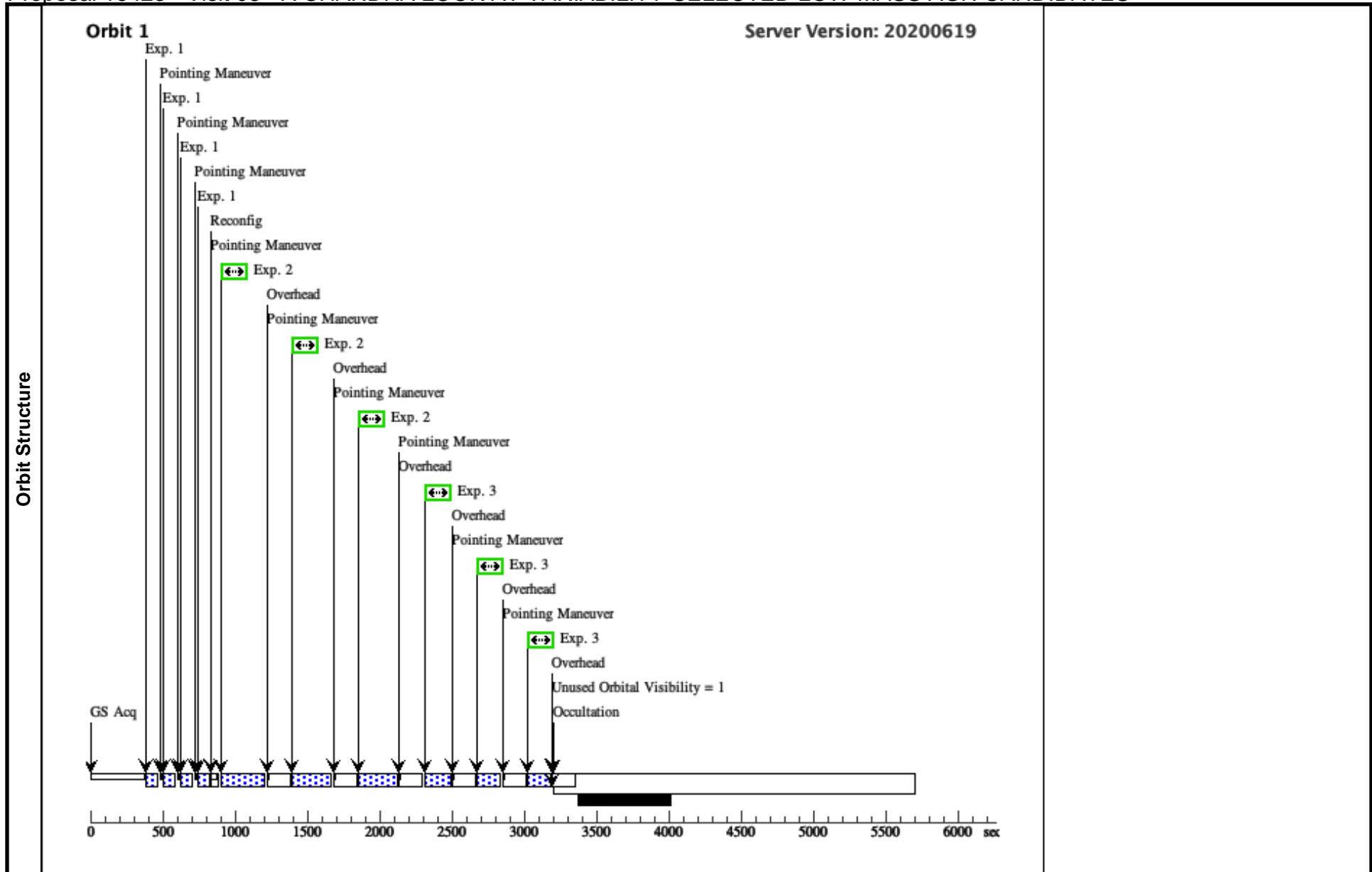
Visit	Proposal 16423, Visit 02									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false			(1)				
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(2), (3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	UGC-07411 Alt Name1: NSA124477	RA: 12 21 34.0824 (185.3920100d) Dec: +04 46 46.27 (4.77952d) Equinox: J2000		V=14.4	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) UGC-07411	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP2 5		Pattern 2, Exps 1-1 in Visit 02 (2)	59.675893 Secs (238.704 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2		(2) UGC-07411	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 02 (3)	255 Secs (765 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
3		(2) UGC-07411	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 02 (3)	160 Secs (480 Secs)		
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 16423 - Visit 03 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

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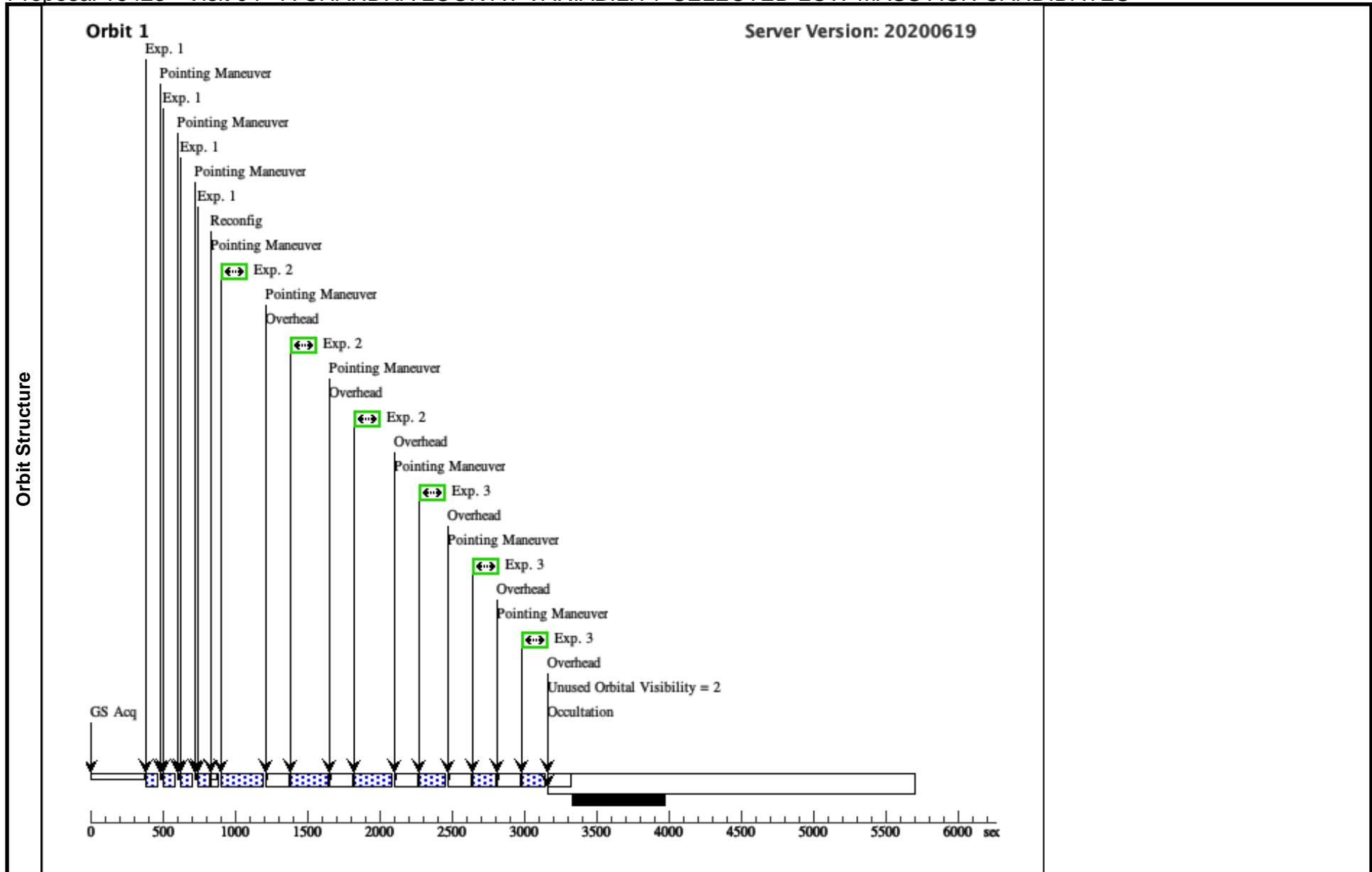
Visit	Proposal 16423, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)						
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	UGC-07816 Alt Name1: NSA88260	RA: 12 38 56.9256 (189.7371900d) Dec: +38 05 25.08 (38.09030d) Equinox: J2000		V=15.4	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) UGC-07816	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP2 5		Pattern 2, Exps 1-1 in Visit 03 (2)	59.675893 Secs (238.704 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(3) UGC-07816	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 03 (3)	274 Secs (822 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3		(3) UGC-07816	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 03 (3)	160 Secs (480 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	



Proposal 16423 - Visit 04 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

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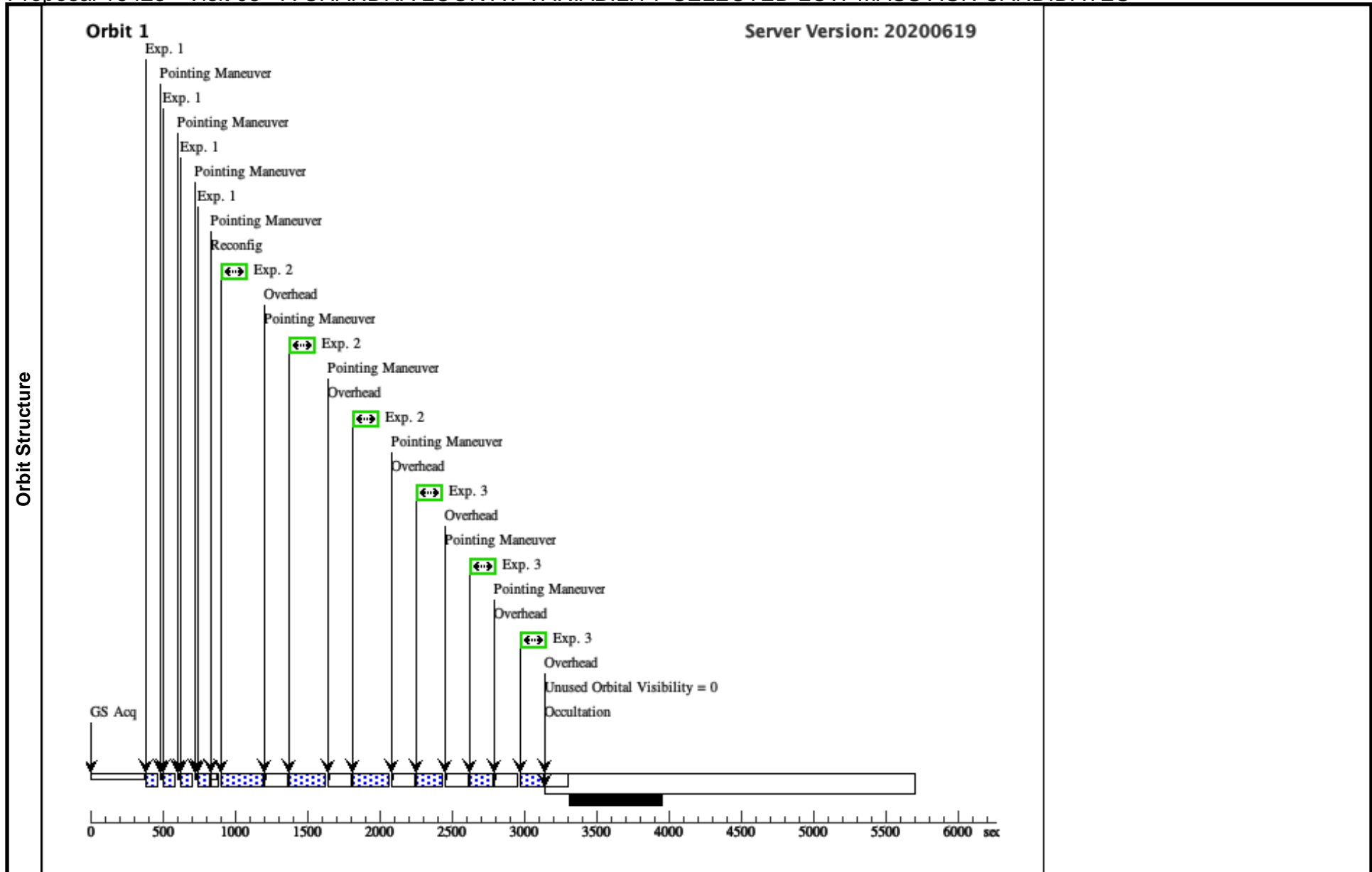
Visit	Proposal 16423, Visit 04 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)						
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	WISEA-J161902.53+291022.4 Alt Name1: NSA57867	RA: 16 19 2.5392 (244.7605800d) Dec: +29 10 22.19 (29.17283d) Equinox: J2000		V=17.6	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) WISEA-J161902.53+291022.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP25		Pattern 2, Exps 1-1 in Visit 04 (2)	59.675893 Secs (238.704 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2		(4) WISEA-J161902.53+291022.4	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 04 (3)	262 Secs (786 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
3		(4) WISEA-J161902.53+291022.4	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 04 (3)	160 Secs (480 Secs)		
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 16423 - Visit 05 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

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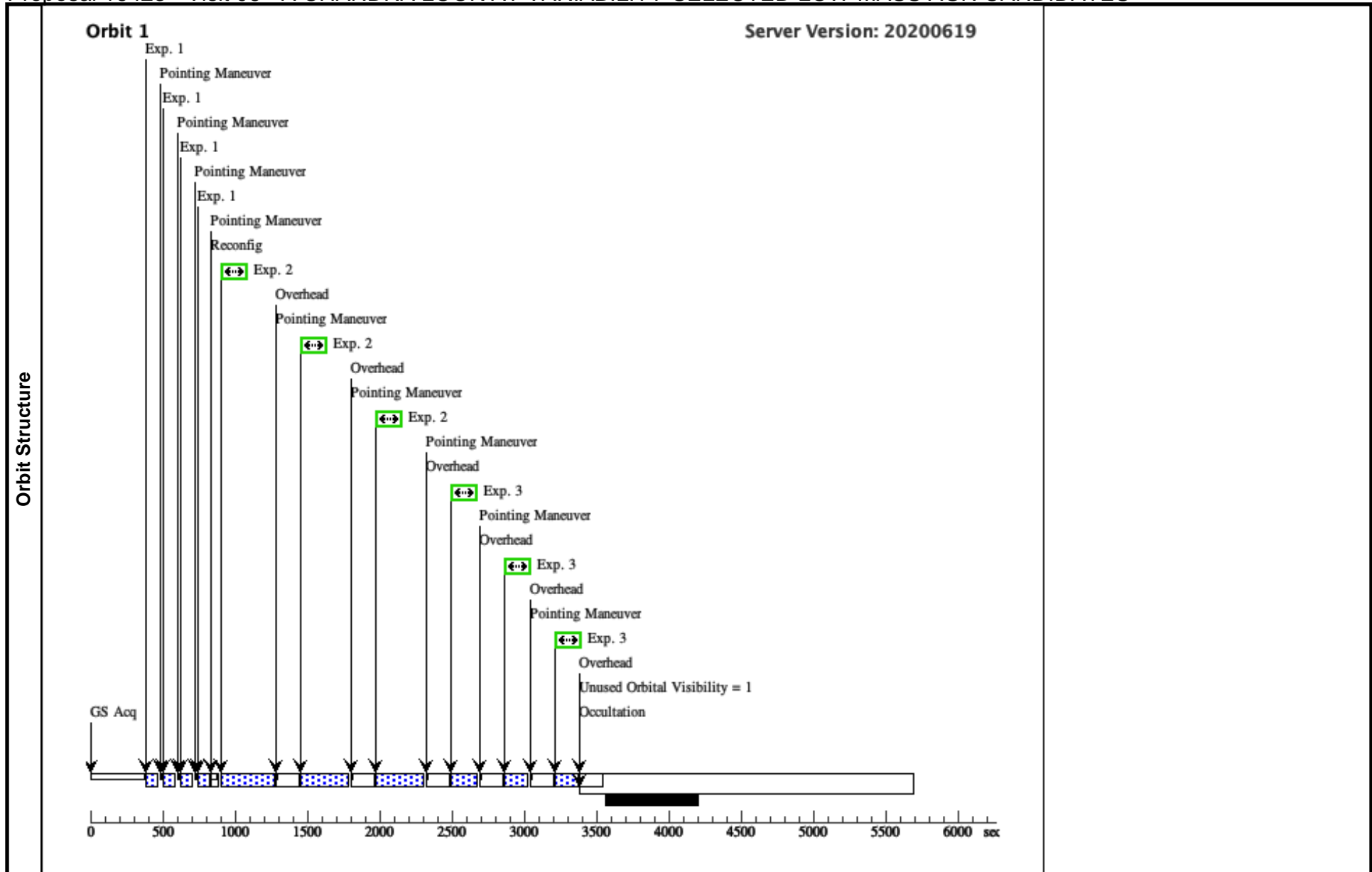
Visit	Proposal 16423, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)						
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	WISEA-J094419.43+095904.7 Alt Name1: NSA51928	RA: 09 44 19.3872 (146.0807800d) Dec: +09 59 4.63 (9.98462d) Equinox: J2000		V=16.3	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) WISEA-J094419.43+095904.7	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP25		Pattern 2, Exps 1-1 in Visit 05 (2)	59.675893 Secs (238.704 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2		(5) WISEA-J094419.43+095904.7	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 05 (3)	256 Secs (768 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
3		(5) WISEA-J094419.43+095904.7	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 05 (3)	160 Secs (480 Secs)		
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 16423 - Visit 06 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

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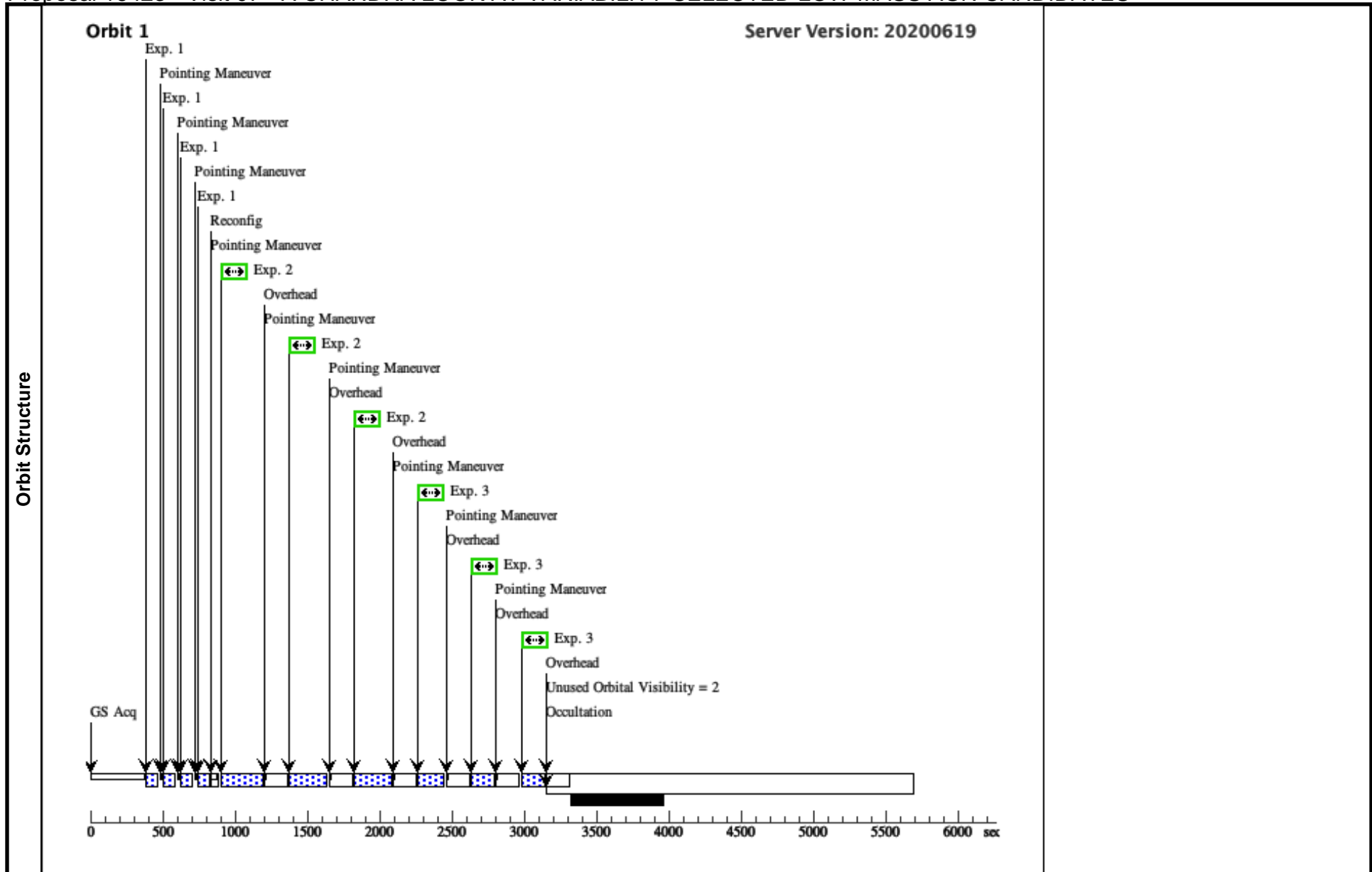
Visit	Proposal 16423, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)						
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	2MASX-J11404072+5948504 Alt Name1: NSA124554	RA: 11 40 40.7328 (175.1697200d) Dec: +59 48 50.29 (59.81397d) Equinox: J2000		V=16.8	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) 2MASX-J11404072+5948504	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP25		Pattern 2, Exps 1-1 in Visit 06 (2)	59.675893 Secs (238.704 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2		(6) 2MASX-J11404072+5948504	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 06 (3)	337 Secs (1011 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
3		(6) 2MASX-J11404072+5948504	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 06 (3)	160 Secs (480 Secs)		
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 16423 - Visit 07 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

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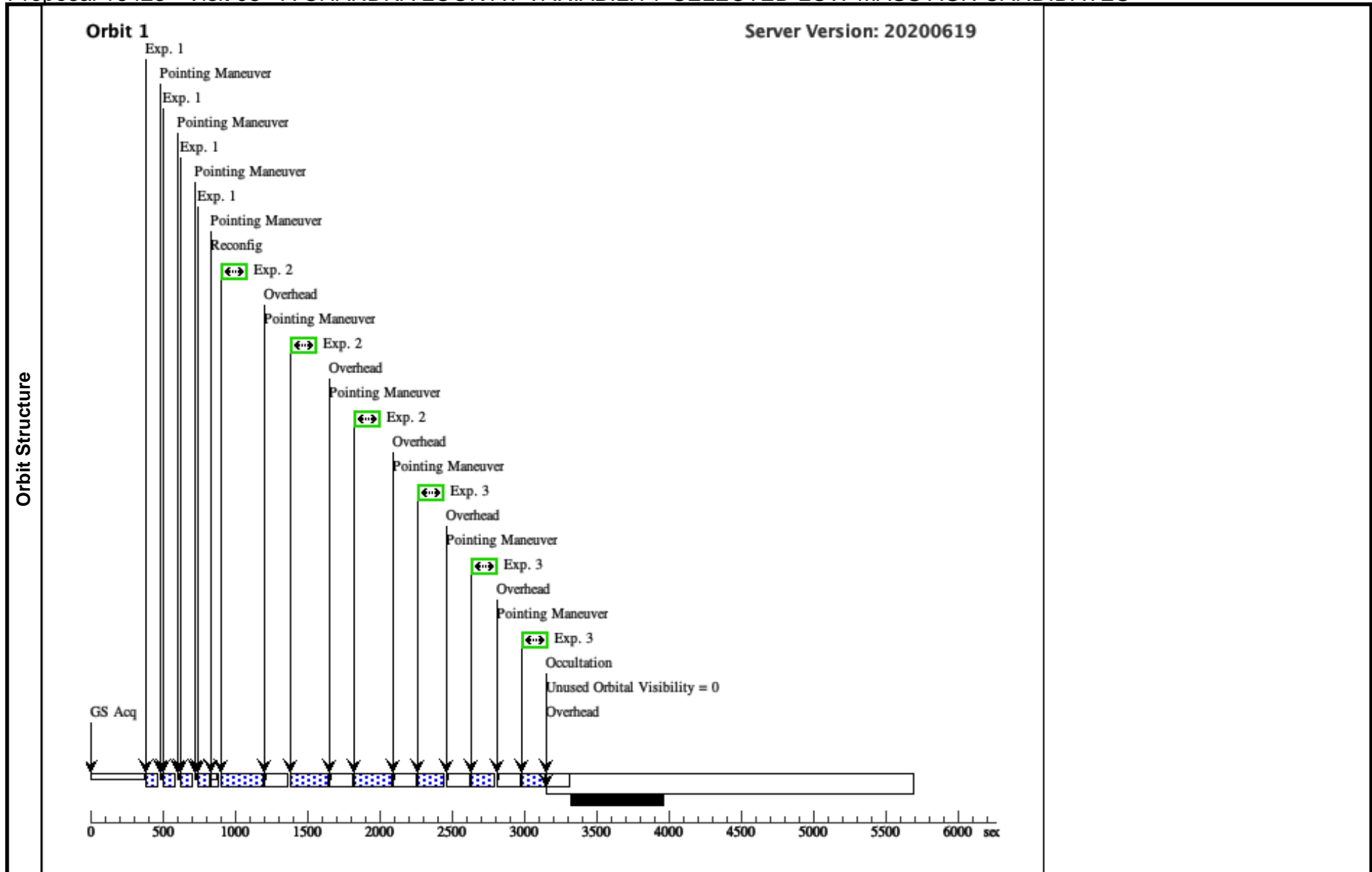
Visit	Proposal 16423, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)						
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	WISEA-J080028.51+152711.0 Alt Name1: NSA104881	RA: 08 00 28.5552 (120.1189800d) Dec: +15 27 11.16 (15.45310d) Equinox: J2000		V=15.7	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) WISEA-J080028.51+152711.0	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP25		Pattern 2, Exps 1-1 in Visit 07 (2)	59.675893 Secs (238.704 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(7) WISEA-J080028.51+152711.0	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 07 (3)	259 Secs (777 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3		(7) WISEA-J080028.51+152711.0	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 07 (3)	160 Secs (480 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	



Proposal 16423 - Visit 08 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

Wed Sep 16 22:00:23 GMT 2020

Visit	Proposal 16423, Visit 08 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)						
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	CGCG-119-107 Alt Name1: NSA156688	RA: 08 27 23.9304 (126.8497100d) Dec: +23 10 48.22 (23.18006d) Equinox: J2000		V=15.6	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) CGCG-119-107	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP2 5		Pattern 2, Exps 1-1 in Visit 08 (2)	59.675893 Secs (238.704 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2		(8) CGCG-119-107	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 08 (3)	260 Secs (780 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
3		(8) CGCG-119-107	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 08 (3)	160 Secs (480 Secs)		
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 16423 - Visit 09 - A CHANDRA LOOK AT VARIABILITY-SELECTED LOW-MASS AGN CANDIDATES

Wed Sep 16 22:00:23 GMT 2020

Visit	Proposal 16423, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)						
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	WISEA-J125747.86+274610.0 Alt Name1: NSA103757	RA: 12 57 47.8632 (194.4494300d) Dec: +27 46 10.06 (27.76946d) Equinox: J2000		V=16.8	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF ELLIPTICAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) WISEA-J125747.86+274610.0	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP25		Pattern 2, Exps 1-1 in Visit 09 (2)	59.675893 Secs (238.704 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2		(9) WISEA-J125747.86+274610.0	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F300X	FLASH=12		Pattern 3, Exps 2-2 in Visit 09 (3)	262 Secs (786 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
3		(9) WISEA-J125747.86+274610.0	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=7		Pattern 3, Exps 3-3 in Visit 09 (3)	160 Secs (480 Secs)		
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	

