



18421 - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Cycle: 34, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Snehalata Sahu (CoI) (ESA Member)	University of Warwick
Dr. Andrew Swan (CoI) (ESA Member)	University of Warwick
Prof. Detlev G. Koester (CoI) (ESA Member)	Universitat Kiel

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) WD0050-332	STIS/CCD STIS/NUV-MAMA	1	10-Aug-2026 10:00:35.0	yes
02	(2) WD0106-358	STIS/CCD STIS/NUV-MAMA	2	10-Aug-2026 10:00:36.0	yes
03	(2) WD0106-358	STIS/CCD STIS/NUV-MAMA	2	10-Aug-2026 10:00:36.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
04	(3) WD0455-282	STIS/CCD STIS/NUV-MAMA	2	10-Aug-2026 10:00:37.0	yes
05	(4) WD1017-138	STIS/CCD STIS/FUV-MAMA	3	10-Aug-2026 10:00:38.0	yes
06	(4) WD1017-138	STIS/CCD STIS/NUV-MAMA	3	10-Aug-2026 10:00:39.0	yes
07	(5) WD1337+701	STIS/CCD STIS/NUV-MAMA	1	10-Aug-2026 10:00:39.0	yes
08	(6) WD1611-084	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	10-Aug-2026 10:00:40.0	yes
09	(7) WD1819+580	STIS/CCD STIS/FUV-MAMA	3	10-Aug-2026 10:00:42.0	yes
10	(8) WD1917+599	STIS/CCD STIS/FUV-MAMA	2	10-Aug-2026 10:00:43.0	yes
11	(8) WD1917+599	STIS/CCD STIS/FUV-MAMA	2	10-Aug-2026 10:00:43.0	yes
12	(8) WD1917+599	STIS/CCD STIS/NUV-MAMA	3	10-Aug-2026 10:00:44.0	yes
13	(9) WD1942+499	STIS/CCD STIS/NUV-MAMA	3	10-Aug-2026 10:00:45.0	yes
14	(10) WD1950-432	STIS/CCD STIS/FUV-MAMA	3	10-Aug-2026 10:00:46.0	yes
15	(10) WD1950-432	STIS/CCD STIS/NUV-MAMA	3	10-Aug-2026 10:00:46.0	yes
16	(11) WD2000-562	STIS/CCD STIS/FUV-MAMA	3	10-Aug-2026 10:00:47.0	yes

Proposal 18421 (STScI Edit Number: 0, Created: Monday, August 10, 2026, 9:00:56AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
18	(11) WD2000-562	STIS/CCD STIS/NUV-MAMA	3	10-Aug-2026 10:00:48.0	yes
17	(11) WD2000-562	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	10-Aug-2026 10:00:49.0	yes
19	(12) WD2111+498	STIS/CCD STIS/NUV-MAMA	1	10-Aug-2026 10:00:49.0	yes
20	(13) WD2124-224	STIS/CCD STIS/NUV-MAMA	3	10-Aug-2026 10:00:50.0	yes
21	(14) WD2146-433	STIS/CCD STIS/FUV-MAMA	3	10-Aug-2026 10:00:51.0	yes
22	(14) WD2146-433	STIS/CCD STIS/FUV-MAMA	2	10-Aug-2026 10:00:52.0	yes
23	(14) WD2146-433	STIS/CCD STIS/NUV-MAMA	3	10-Aug-2026 10:00:52.0	yes
24	(14) WD2146-433	STIS/CCD STIS/NUV-MAMA	2	10-Aug-2026 10:00:53.0	yes
25	(15) WD2309+105	STIS/CCD STIS/NUV-MAMA	1	10-Aug-2026 10:00:53.0	yes
26	(16) WD2321-549	STIS/CCD STIS/NUV-MAMA	2	10-Aug-2026 10:00:54.0	yes
27	(16) WD2321-549	STIS/CCD STIS/NUV-MAMA	2	10-Aug-2026 10:00:55.0	yes
28	(17) WD2331-475	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	10-Aug-2026 10:00:56.0	yes

65 Total Orbits Used

ABSTRACT

The pristine hydrogen/helium atmosphere of white dwarfs are frequently polluted by planetary material. Spectroscopic observations of these systems allow us to infer the accreted bodies through measurements of photospheric abundances. This technique has been successfully applied to hundreds of white dwarfs, the vast majority of which are below 25,000K. In contrast, hot (and commensurately young) white dwarfs have remained largely unexplored, despite evidence that many are accreting planetary material. In this proposal, we aim to broaden ultraviolet coverage for 17 white dwarfs known to be polluted, identified from previous FUSE observations, in order to characterise the accreted material.

With complete ultraviolet spectra of this sample, we will directly constrain the composition of material accreted by hot white dwarfs. By measuring both volatile (e.g. C, N, O, P, S) and refractory (e.g. Al, Si, Ca, Fe, Ni) elements, we will compare their relative abundances to distinguish between different sources of accreted material. In particular, we will test whether these systems accrete volatile-rich atmospheres from photoevaporated giant planets or predominantly rocky debris rapidly delivered to the white dwarf surface. Second-generation planets are predicted to form from the ejecta of AGB progenitors and should exhibit enhancements in s-process elements (e.g. Sr, Nb, Ba, Pb). The ultraviolet provides access to key transitions of these elements in hot white dwarfs, enabling us to search for candidates. Also, the prevalence of high-ionisation lines in hot white dwarfs may indicate the presence of chromospheres, offering further insight into their atmospheric structure.

OBSERVING DESCRIPTION

We will get medium resolution spectroscopy of 17 hot white dwarfs known to be enriched, allowing us to measure their photospheric abundances and determine the origin of the external material. For all targets, we use STIS NUV with grating E230M and central wavelength 1978Å with an aperture of 0.2x0.2. For the targets with no existing FUV spectroscopy from HST, we also obtain a spectrum using the E140M grating at a central wavelength of 1425Å with an aperture of 0.2x0.2. We split the visits to a maximum of three orbits to help scheduling. The exposures will obtain a S/N~30 at the wavelength regions of interest.

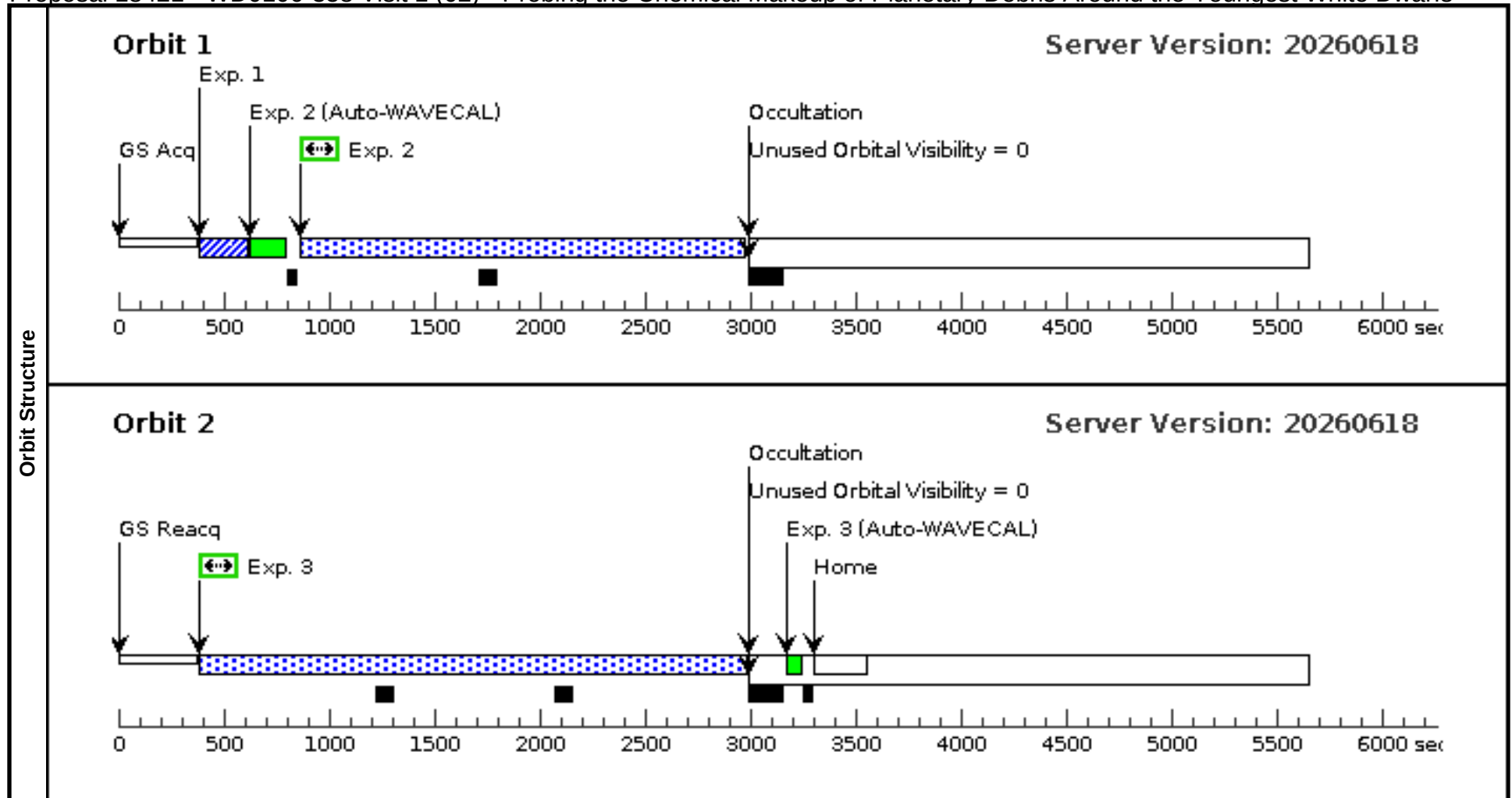
Proposal 18421 - WD0050-332 (01) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Mon Aug 10 14:00:56 GMT 2026

Visit	Proposal 18421, WD0050-332 (01)										Mon Aug 10 14:00:56 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	WD0050-332	RA: 00 53 17.4282 (13.3226175d) Dec: -32 59 56.52 (-32.99903d) Equinox: J2000		Proper Motion RA: -31.13799999999998 mas/yr Proper Motion Dec: 27.509 mas/yr Parallax: 0.016898800000000002" Epoch of Position: 2000		V=13.36		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 1 (STIS.ta.236 1696)	(1) WD0050-332	STIS/CCD, ACQ, F28X50LP	MIRROR				0.3 Secs (0.3 Secs)		
									[==>]		[1]
	2	NUV Exposure (STIS.sp.23 61693)	(1) WD0050-332	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=29 6			3000 Secs (2096 Secs)		
									[==>2096.0 Secs]		[1]
Orbit Structure	Orbit 1 Server Version: 20260618 GS Acq Exp. 1 Exp. 2 (Auto-WAVECAL) Exp. 2 Unused Orbital Visibility = 0 Occultation Home 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

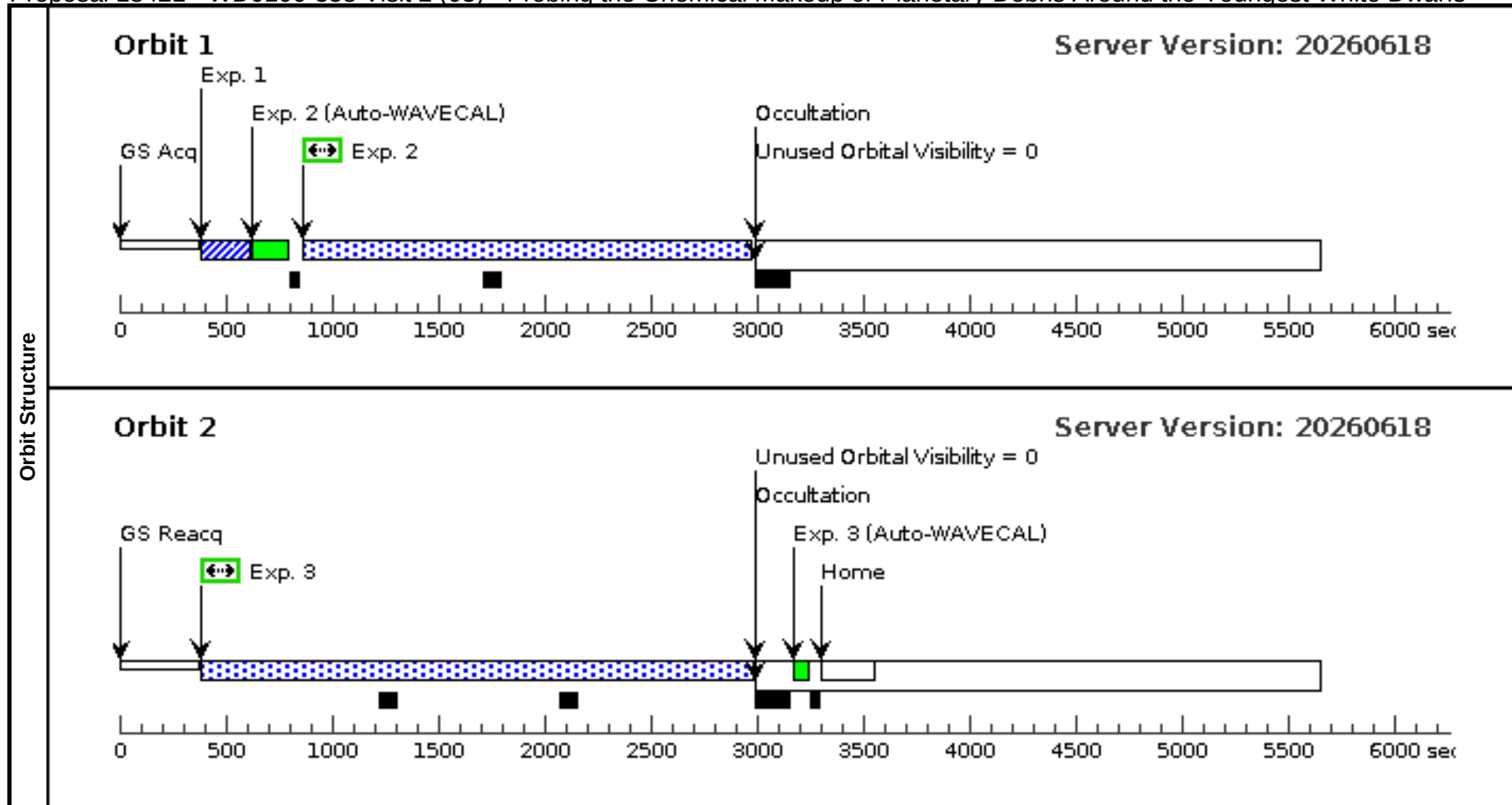
Proposal 18421 - WD0106-358 Visit 1 (02) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD0106-358 Visit 1 (02)								Mon Aug 10 14:00:56 GMT 2026	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	WD0106-358	RA: 01 08 20.7693 (17.0865387d) Dec: -35 34 41.70 (-35.57825d) Equinox: J2000	Proper Motion RA: -38.56 mas/yr Proper Motion Dec: -52.062000099795114 mas/yr Parallax: 0.0106896" Epoch of Position: 2000		V=14.72		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.									
	Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acq 1 (STIS.ta.236 1698)	(2) WD0106-358	STIS/CCD, ACQ, F28X50LP	MIRROR				0.8 Secs (0.8 Secs)	
									[==>]	[1]
	2	NUV Exposure 1 (STIS.sp.23 61700)	(2) WD0106-358	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=84 8			2000 Secs (2099 Secs)	
									[==>2099.0 Secs]	[1]
	3	NUV Exposure 2 (STIS.sp.23 61701)	(2) WD0106-358	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=84 8			2000 Secs (2582 Secs)	
									[==>2582.0 Secs]	[2]



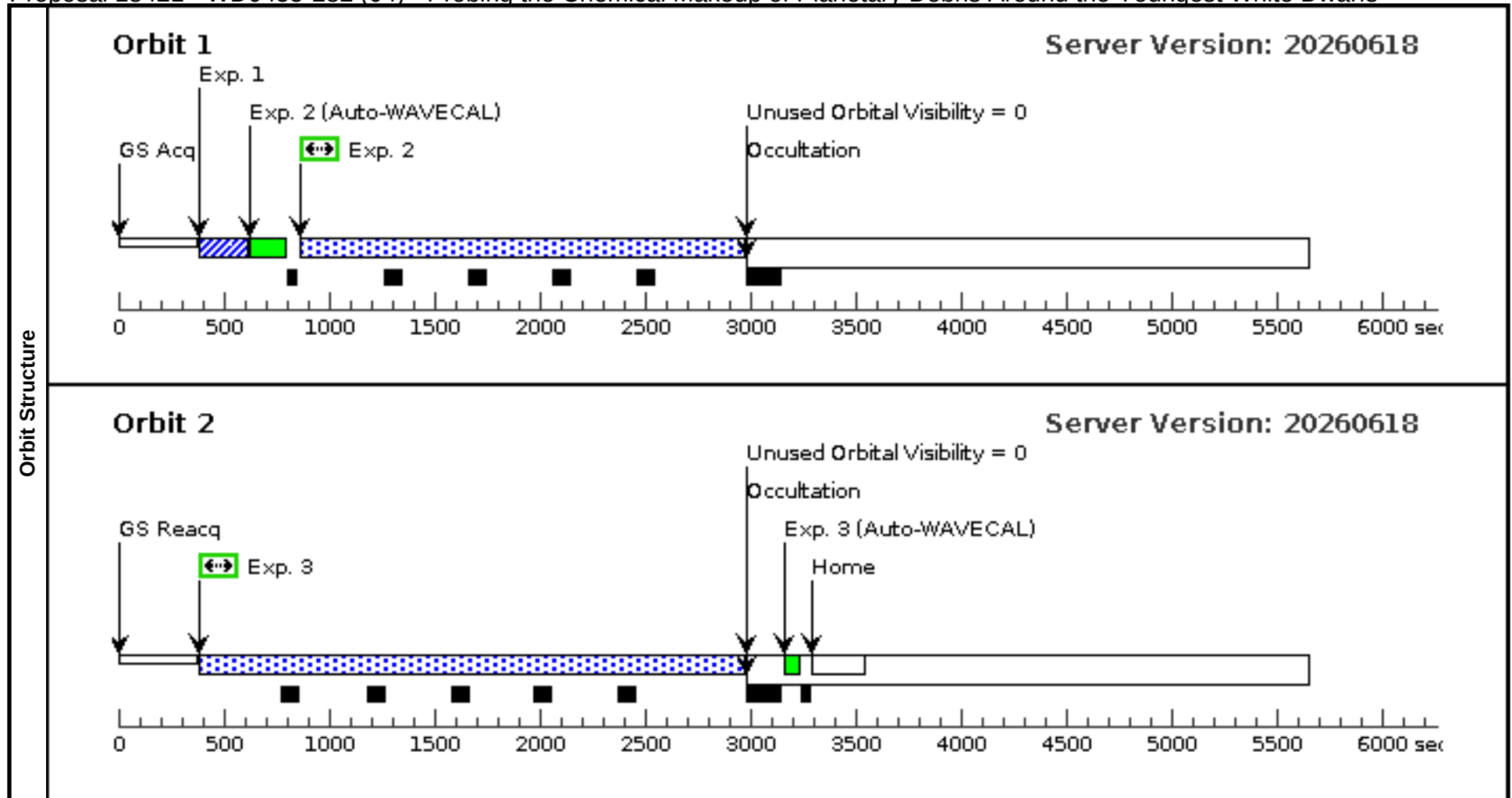
Proposal 18421 - WD0106-358 Visit 2 (03) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD0106-358 Visit 2 (03)										Mon Aug 10 14:00:56 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(2)	WD0106-358	RA: 01 08 20.7693 (17.0865387d) Dec: -35 34 41.70 (-35.57825d) Equinox: J2000	Proper Motion RA: -38.56 mas/yr Proper Motion Dec: -52.062000099795114 mas/yr Parallax: 0.0106896" Epoch of Position: 2000			V=14.72		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 2 (STIS.ta.236 1698)	(2) WD0106-358	STIS/CCD, ACQ, F28X50LP	MIRROR				0.8 Secs (0.8 Secs)			
									[==>]		[1]	
	2	NUV Exposure 4 (STIS.sp.23 61700)	(2) WD0106-358	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=84 8			2000 Secs (2099 Secs)			
									[==>2099.0 Secs]		[1]	
	3	NUV Exposure 5 (STIS.sp.23 61701)	(2) WD0106-358	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=84 8			2000 Secs (2582 Secs)			
									[==>2582.0 Secs]		[2]	



Proposal 18421 - WD0455-282 (04) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD0455-282 (04)										Mon Aug 10 14:00:56 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(3)	WD0455-282	RA: 04 57 13.3208 (74.3055033d) Dec: -28 07 52.75 (-28.13132d) Equinox: J2000		Proper Motion RA: 51.443 mas/yr Proper Motion Dec: 12.626 mas/yr Parallax: 0.0079641" Epoch of Position: 2000		V=13.92		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 1 (STIS.ta.236 1703)	(3) WD0455-282	STIS/CCD, ACQ, F28X50LP	MIRROR				0.5 Secs (0.5 Secs)			
									[==>]		[1]	
	2	NUV Exposure 1 (STIS.sp.23 61705)	(3) WD0455-282	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=39 9			2000 Secs (2090 Secs)			
									[==>2090.0 Secs]		[1]	
	3	NUV Exposure 2 (STIS.sp.23 61706)	(3) WD0455-282	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=39 9			2500 Secs (2573 Secs)			
									[==>2573.0 Secs]		[2]	

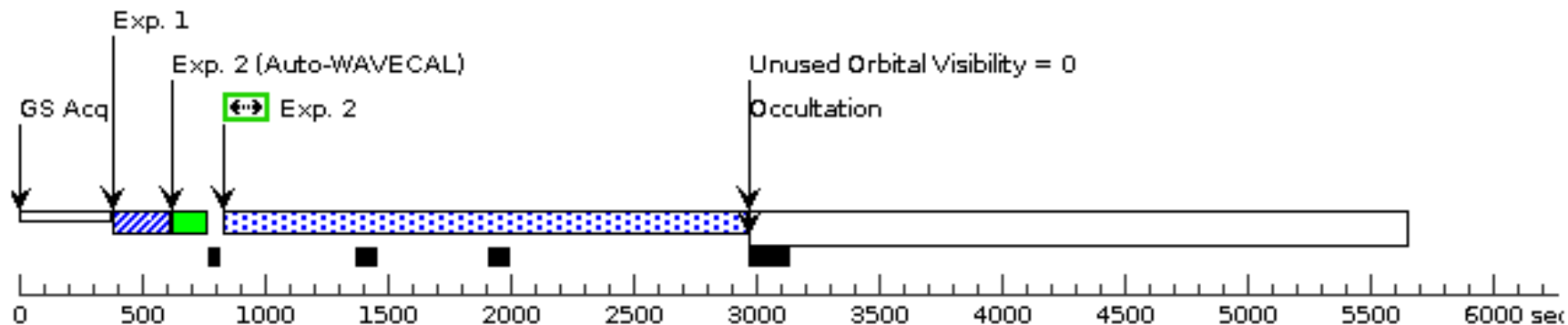


Proposal 18421 - WD1017-138 Visit 1 (05) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1017-138 Visit 1 (05)										Mon Aug 10 14:00:56 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(4)	WD1017-138	RA: 10 19 52.3626 (154.9681775d) Dec: -14 07 34.25 (-14.12618d) Equinox: J2000		Proper Motion RA: -48.026 mas/yr Proper Motion Dec: 8.881 mas/yr Parallax: 0.0097902" Epoch of Position: 2000		V=14.547		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 1 (STIS.ta.236 1723)	(4) WD1017-138	STIS/CCD, ACQ, F28X50LP	MIRROR				0.8 Secs (0.8 Secs)			
									[==>]		[1]	
	2	FUV Exposure 1 (STIS.sp.23 61726)	(4) WD1017-138	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=54 0			2000 Secs (2111 Secs)			
									[==>2111.0 Secs]		[1]	
	3	FUV Exposure 2 (STIS.sp.23 61727)	(4) WD1017-138	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=54 0			2500 Secs (2564 Secs)			
									[==>2564.0 Secs]		[2]	
	4	FUV Exposure 3 (STIS.sp.23 61727)	(4) WD1017-138	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=54 0			2500 Secs (2564 Secs)			
								[==>2564.0 Secs]		[3]		

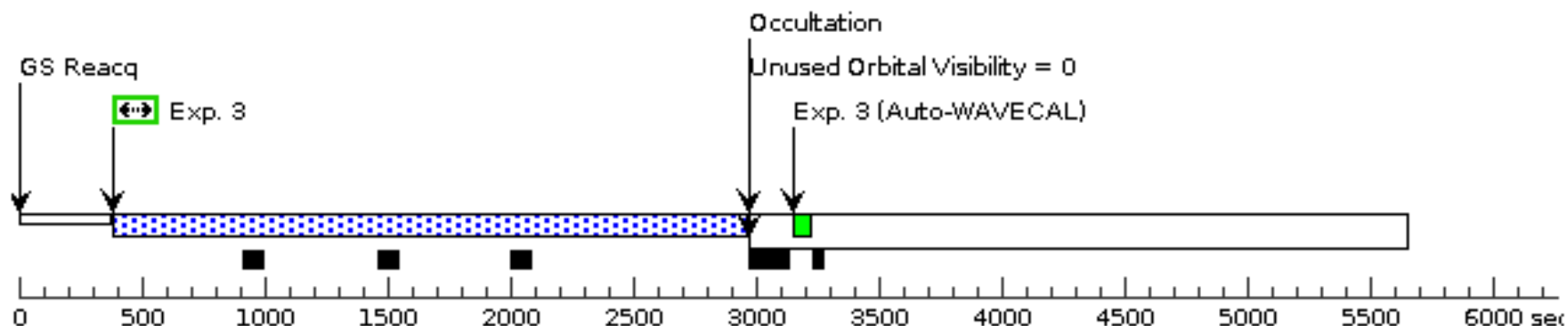
Orbit 1

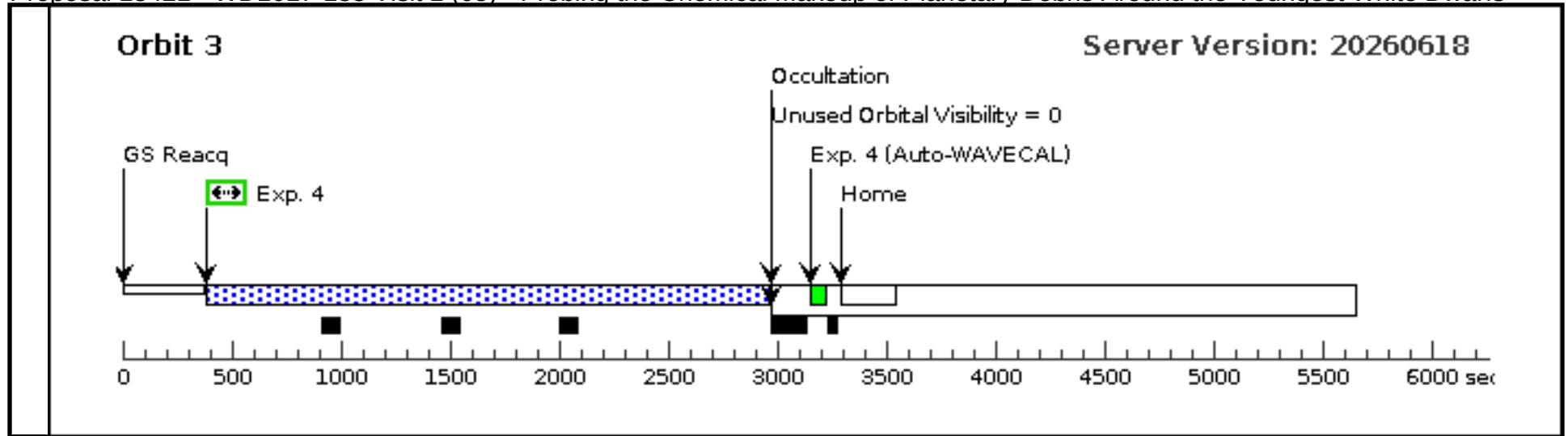
Server Version: 20260618



Orbit 2

Server Version: 20260618



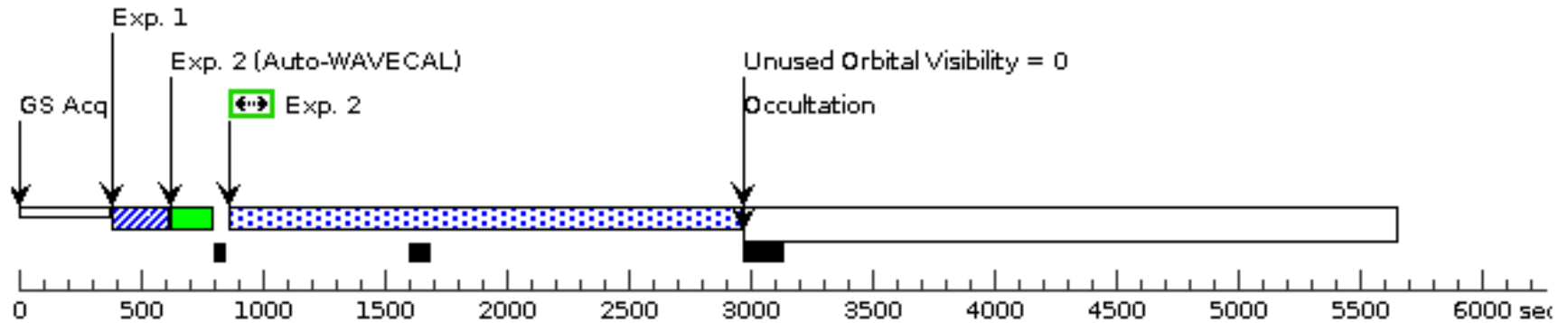


Proposal 18421 - WD1017-138 Visit 2 (06) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1017-138 Visit 2 (06)									Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	WD1017-138	RA: 10 19 52.3626 (154.9681775d) Dec: -14 07 34.25 (-14.12618d) Equinox: J2000	Proper Motion RA: -48.026 mas/yr Proper Motion Dec: 8.881 mas/yr Parallax: 0.0097902" Epoch of Position: 2000		V=14.547		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.									
	Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acq 2 (STIS.ta.236 1723)	(4) WD1017-138	STIS/CCD, ACQ, F28X50LP	MIRROR				0.8 Secs (0.8 Secs)	
									[==>]	[1]
	2	NUV Exposure 1 (STIS.sp.23 61728)	(4) WD1017-138	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=73 9			2000 Secs (2081 Secs)	
									[==>2081.0 Secs]	[1]
	3	NUV Exposure 2 (STIS.sp.23 61729)	(4) WD1017-138	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=73 9			2000 Secs (2564 Secs)	
									[==>2564.0 Secs]	[2]
4	NUV Exposure 3 (STIS.sp.23 61729)	(4) WD1017-138	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=73 9			2000 Secs (2564 Secs)		
								[==>2564.0 Secs]	[3]	

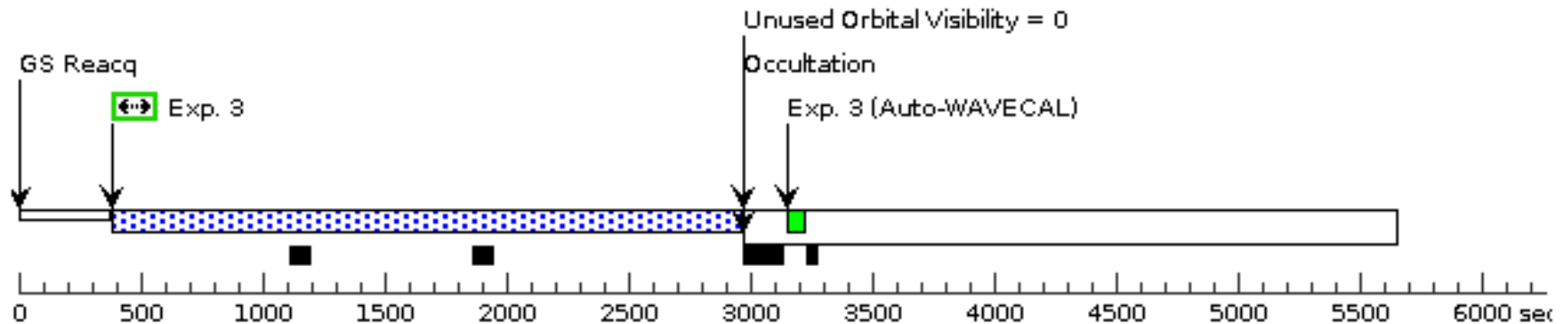
Orbit 1

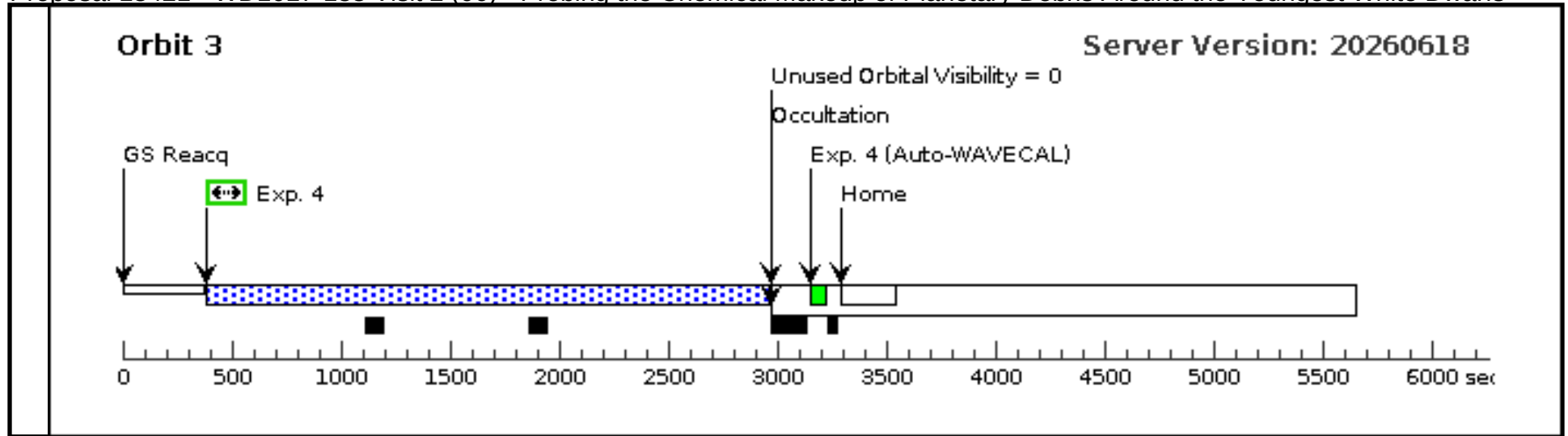
Server Version: 20260618



Orbit 2

Server Version: 20260618





Proposal 18421 - WD1337+701 (07) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Mon Aug 10 14:00:57 GMT 2026

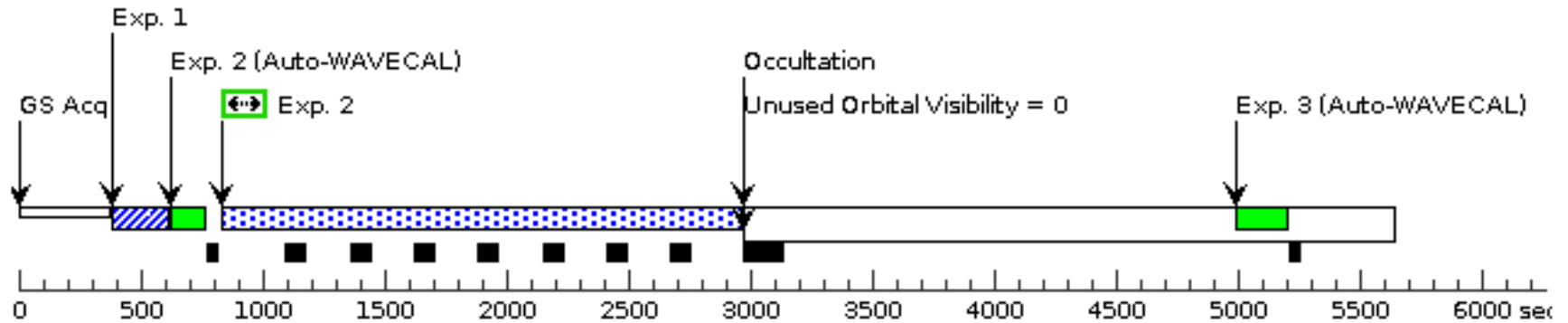
Visit	Proposal 18421, WD1337+701 (07)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(5)	WD1337+701	RA: 13 38 50.4781 (204.7103254d) Dec: +70 17 7.64 (70.28546d) Equinox: J2000	Proper Motion RA: -402.079 mas/yr Proper Motion Dec: -24.556000062148087 mas/yr Parallax: 0.0377291" Epoch of Position: 2000		V=12.6	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acq 1 (STIS.ta.236 2124)	(5) WD1337+701	STIS/CCD, ACQ, F28X50LP	MIRROR				0.2 Secs (0.2 Secs)	
									[==>]	[1]
	2	NUV Exposure 1 (STIS.sp.23 60132)	(5) WD1337+701	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=34 6			2000 Secs (2230 Secs)	
									[==>2230.0 Secs]	[1]
Orbit Structure	Orbit 1 Server Version: 20260618									

Proposal 18421 - WD1611-084 (08) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1611-084 (08)									Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	WD1611-084	RA: 16 14 19.1264 (243.5796933d) Dec: -08 33 26.61 (-8.55739d) Equinox: J2000	Proper Motion RA: -9.285 mas/yr Proper Motion Dec: -35.90799992707616 mas/yr Parallax: 0.011762700000000001" Epoch of Position: 2000	V=13.43	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.									
	Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acq 1 (STIS.ta.236 2128)	(6) WD1611-084	STIS/CCD, ACQ, F28X50LP	MIRROR				0.5 Secs (0.5 Secs)	
									[==>]	[1]
	2	FUV Exposure 1 (STIS.sp.23 62134)	(6) WD1611-084	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=26 3			2114 Secs (2114 Secs)	
									[==>]	[1]
	3	NUV Exposure 1 (STIS.sp.23 63929)	(6) WD1611-084	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=45 3			813 Secs (813 Secs)	
									[==>]	[2]
	4	FUV Exposure 2 (STIS.sp.23 63928)	(6) WD1611-084	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=26 3			1267 Secs (1267 Secs)	
									[==>]	[2]
	5	NUV Exposure 2 (STIS.sp.23 62132)	(6) WD1611-084	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=45 3			2567 Secs (2567 Secs)	
								[==>]	[3]	

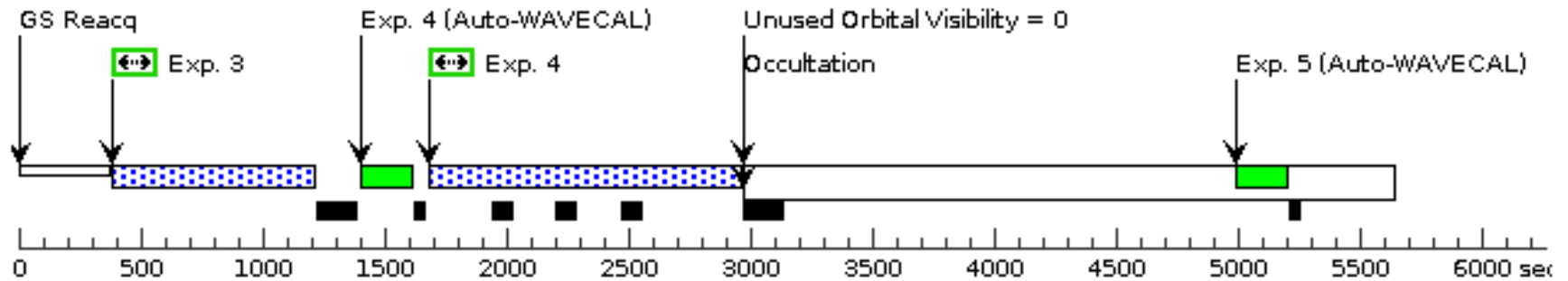
Orbit 1

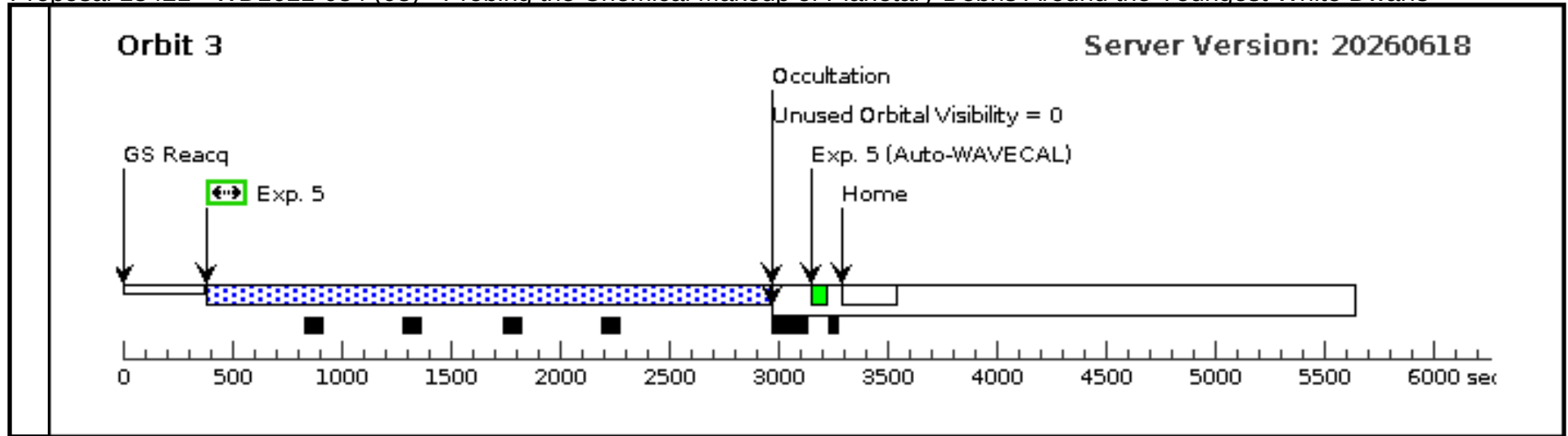
Server Version: 20260618



Orbit 2

Server Version: 20260618



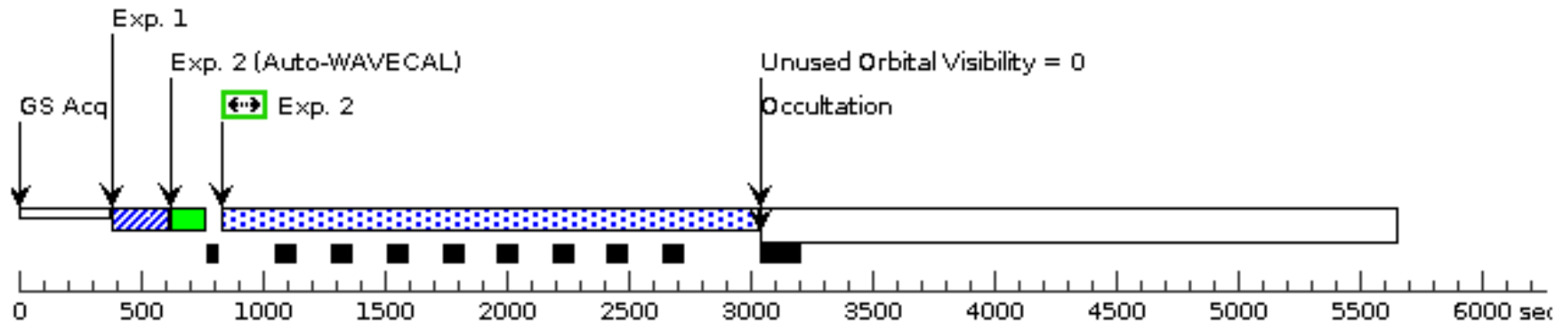


Proposal 18421 - WD1819+580 (09) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1819+580 (09)										Mon Aug 10 14:00:57 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	WD1819+580	RA: 18 20 29.7869 (275.1241121d) Dec: +58 04 40.96 (58.07804d) Equinox: J2000			Proper Motion RA: -6.421 mas/yr Proper Motion Dec: 0.318 mas/yr Parallax: 0.0122835" Epoch of Position: 2000		V=14.23		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 1 (STIS.ta.236 2136)	(7) WD1819+580	STIS/CCD, ACQ, F28X50LP	MIRROR				0.5 Secs (0.5 Secs)			
									[==>]		[1]	
	2	FUV Exposure 1 (STIS.sp.23 62138)	(7) WD1819+580	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=22 6			2000 Secs (2181 Secs)			
									[==>2181.0 Secs]		[1]	
	3	FUV Exposure 2 (STIS.sp.23 62139)	(7) WD1819+580	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=22 6			1500 Secs (1144 Secs)			
									[==>1144.0 Secs]		[2]	
	4	NUV Exposure 1 (STIS.sp.23 62140)	(7) WD1819+580	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=41 3			1500 Secs (1144 Secs)			
									[==>1144.0 Secs]		[2]	
	5	NUV Exposure 2 (STIS.sp.23 62141)	(7) WD1819+580	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=41 3			3000 Secs (2634 Secs)			
								[==>2634.0 Secs]		[3]		

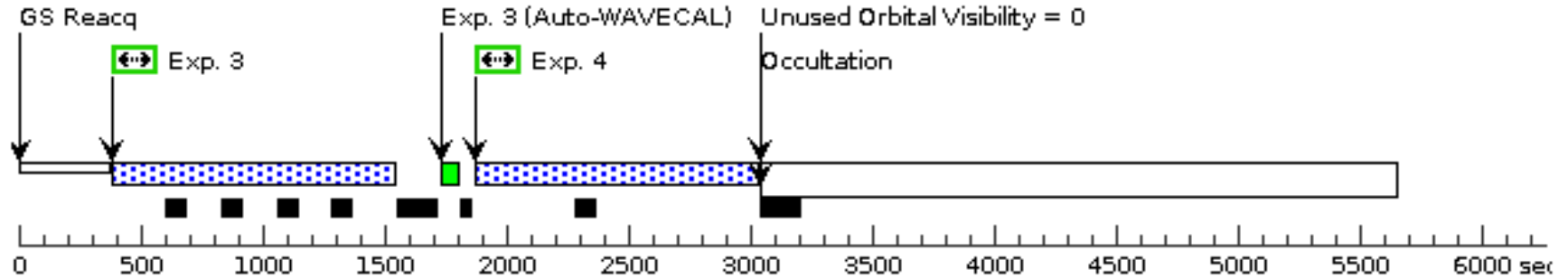
Orbit 1

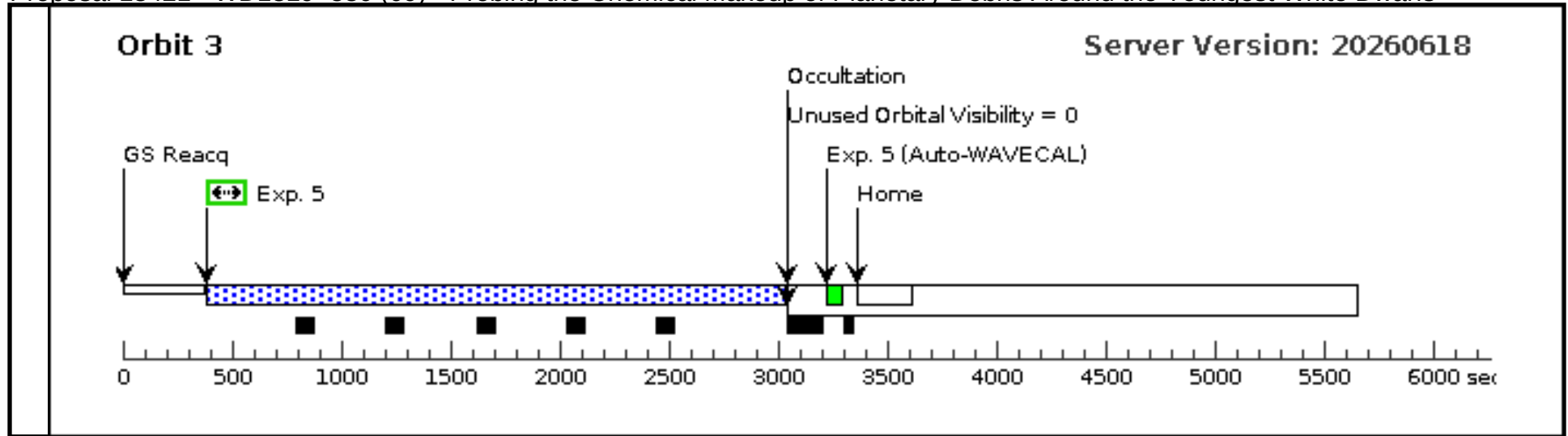
Server Version: 20260618



Orbit 2

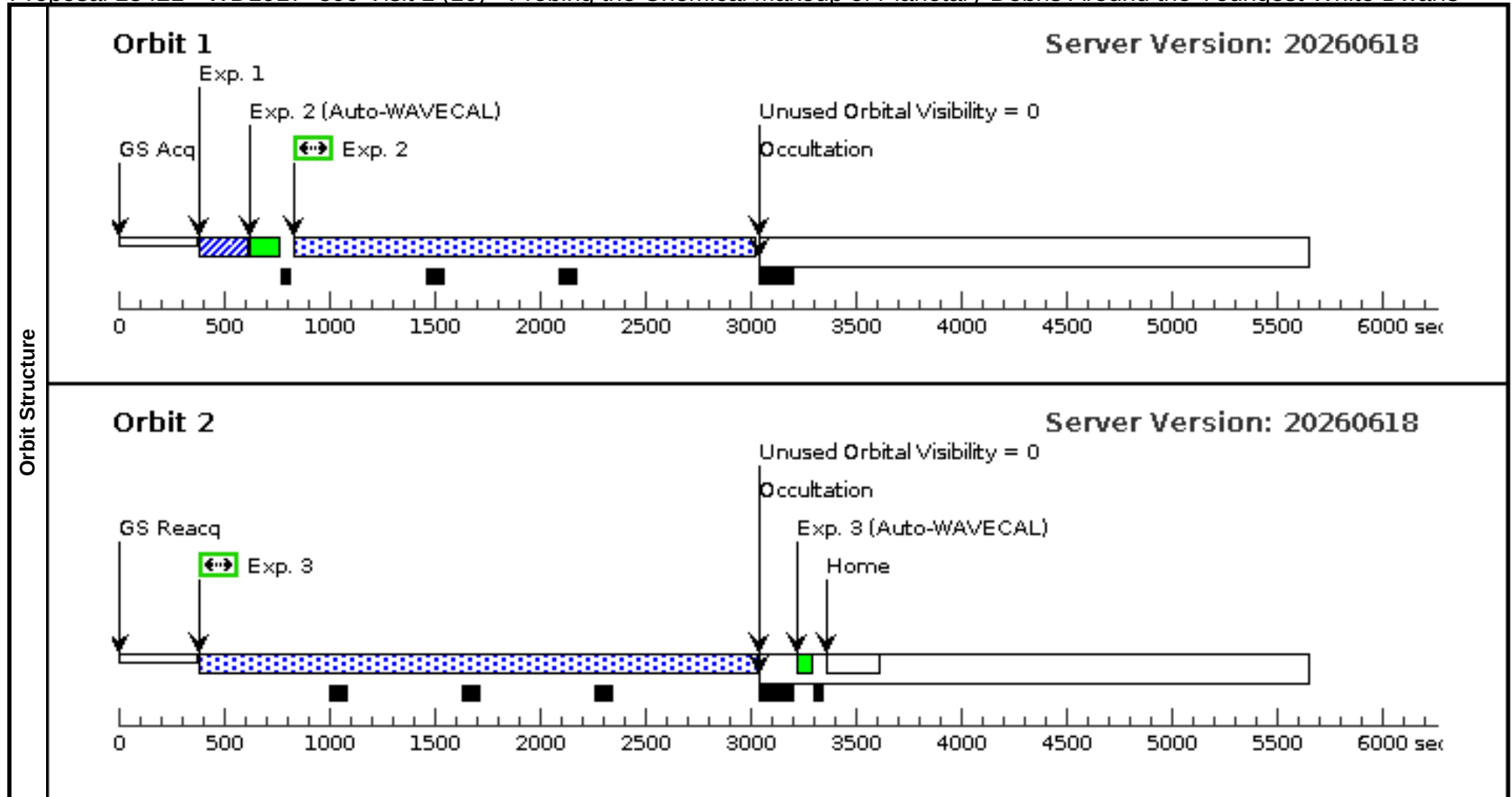
Server Version: 20260618





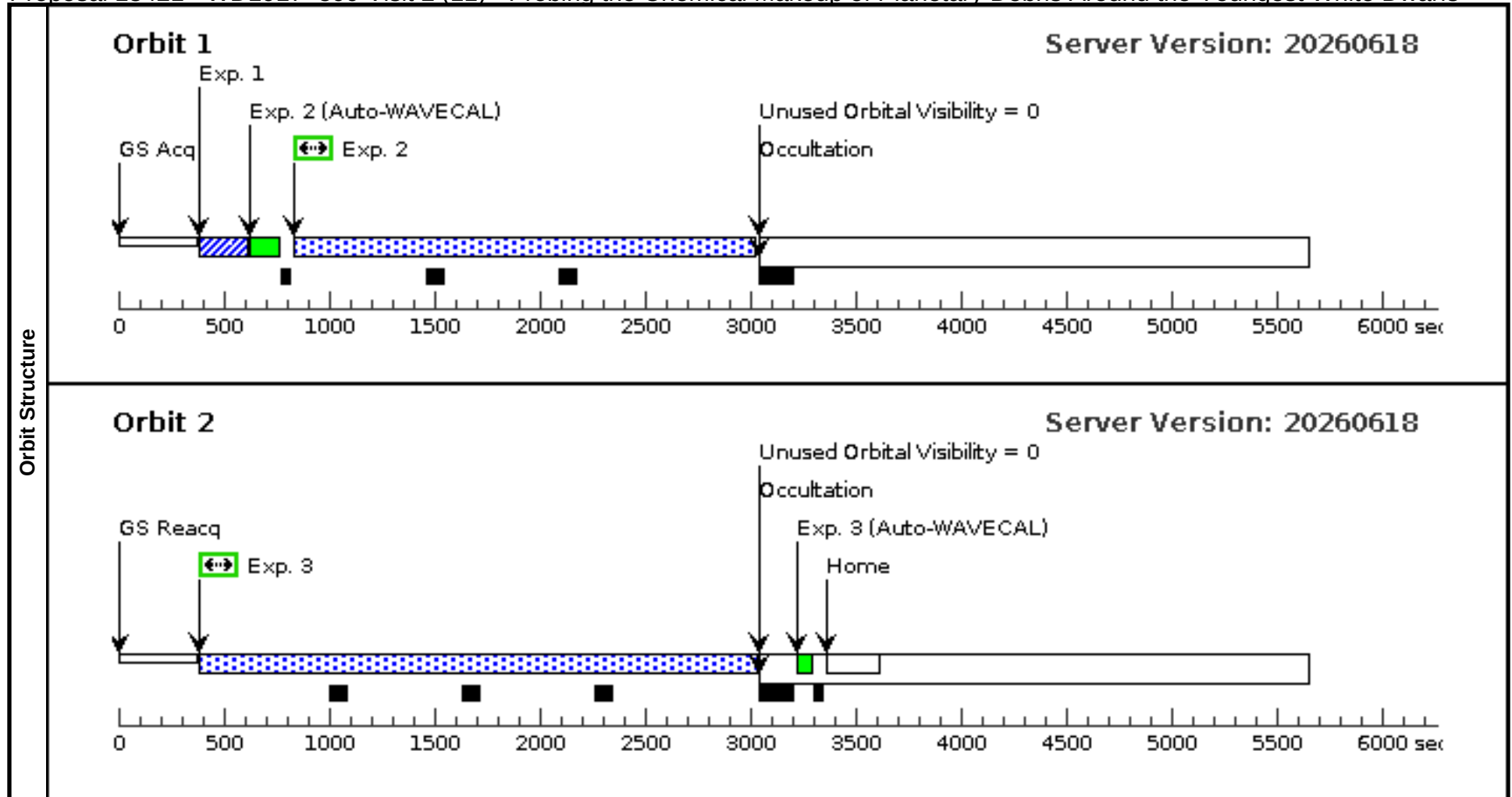
Proposal 18421 - WD1917+599 Visit 1 (10) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1917+599 Visit 1 (10)										Mon Aug 10 14:00:57 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	WD1917+599	RA: 19 18 23.8681 (289.5994504d)		Proper Motion RA: 14.314 mas/yr		V=14.91		Reference Frame: ICRS			
			Dec: +59 59 54.64 (59.99851d)		Proper Motion Dec: -69.61599992791889 mas/yr							
			Equinox: J2000		Parallax: 0.0094395"							
					Epoch of Position: 2000							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=STAR											
	Description=[DA]											
	Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 1 (STIS.ta.236 2143)	(8) WD1917+599	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs)			
									[==>]		[1]	
	2	FUV Exposure 1 (STIS.sp.23 62146)	(8) WD1917+599	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=62 7			2000 Secs (2179 Secs)			
									[==>2179.0 Secs]		[1]	
	3	FUV Exposure 2 (STIS.sp.23 62147)	(8) WD1917+599	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=62 7			2000 Secs (2634 Secs)			
									[==>2634.0 Secs]		[2]	



Proposal 18421 - WD1917+599 Visit 2 (11) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1917+599 Visit 2 (11)										Mon Aug 10 14:00:57 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(8)	WD1917+599	RA: 19 18 23.8681 (289.5994504d) Dec: +59 59 54.64 (59.99851d) Equinox: J2000	Proper Motion RA: 14.314 mas/yr Proper Motion Dec: -69.61599992791889 mas/yr Parallax: 0.0094395" Epoch of Position: 2000			V=14.91		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 2 (STIS.ta.236 2143)	(8) WD1917+599	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs)			
									[==>]		[1]	
	2	FUV Exposure 3 (STIS.sp.23 62146)	(8) WD1917+599	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=62 7			2000 Secs (2179 Secs)			
									[==>2179.0 Secs]		[1]	
	3	FUV Exposure 4 (STIS.sp.23 62147)	(8) WD1917+599	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=62 7			2000 Secs (2634 Secs)			
									[==>2634.0 Secs]		[2]	

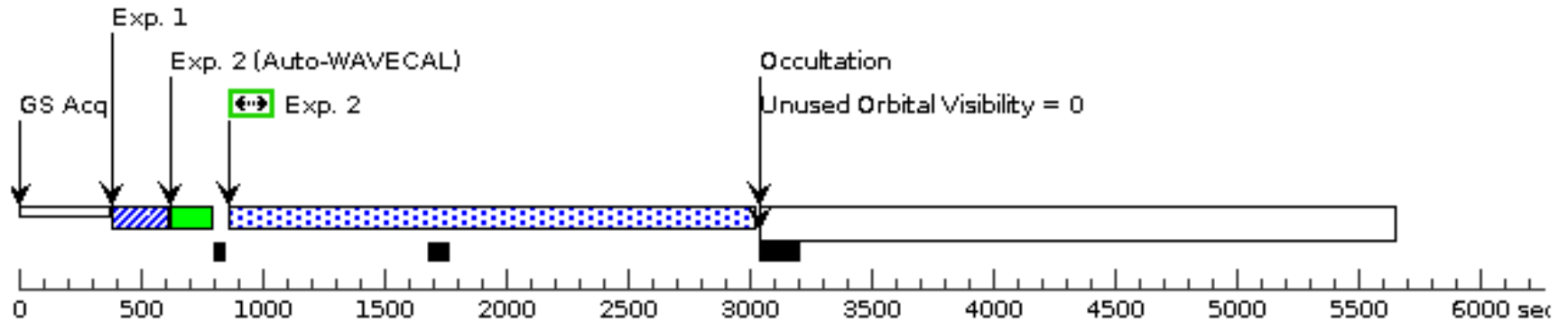


Proposal 18421 - WD1917+599 Visit 3 (12) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1917+599 Visit 3 (12)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	WD1917+599	RA: 19 18 23.8681 (289.5994504d) Dec: +59 59 54.64 (59.99851d) Equinox: J2000	Proper Motion RA: 14.314 mas/yr Proper Motion Dec: -69.61599992791889 mas/yr Parallax: 0.0094395" Epoch of Position: 2000		V=14.91		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 3 (STIS.ta.236 2143)	(8) WD1917+599	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs)		
									[>=>]		[1]
	2	NUV Exposure 1 (STIS.sp.23 62149)	(8) WD1917+599	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=81 6			2000 Secs (2149 Secs)		
									[>=>2149.0 Secs]		[1]
	3	NUV Exposure 2 (STIS.sp.23 62150)	(8) WD1917+599	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=81 6			2000 Secs (2634 Secs)		
									[>=>2634.0 Secs]		[2]
4	NUV Exposure 3 (STIS.sp.23 62150)	(8) WD1917+599	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=81 6			2000 Secs (2634 Secs)			
								[>=>2634.0 Secs]		[3]	

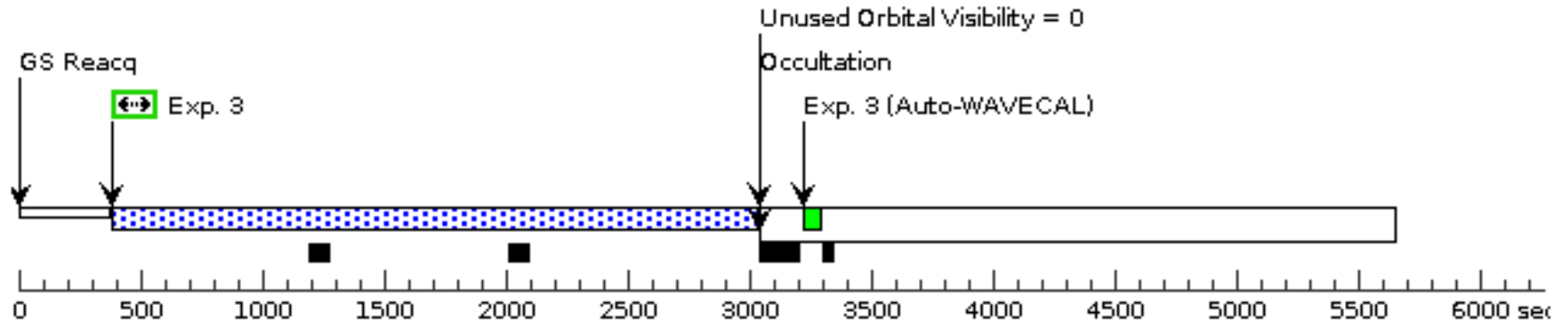
Orbit 1

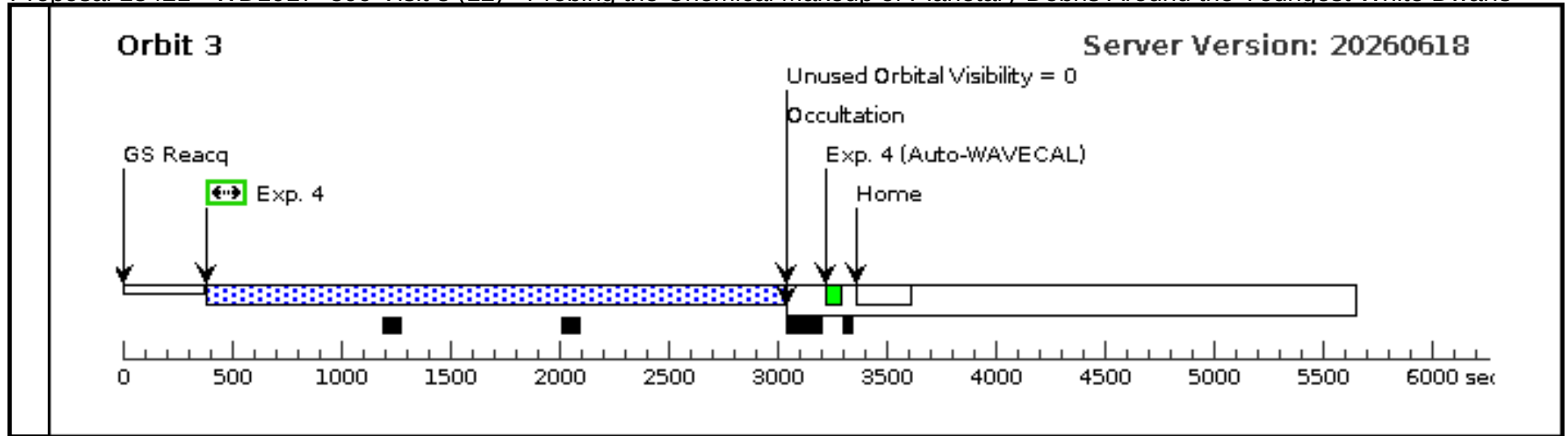
Server Version: 20260618



Orbit 2

Server Version: 20260618



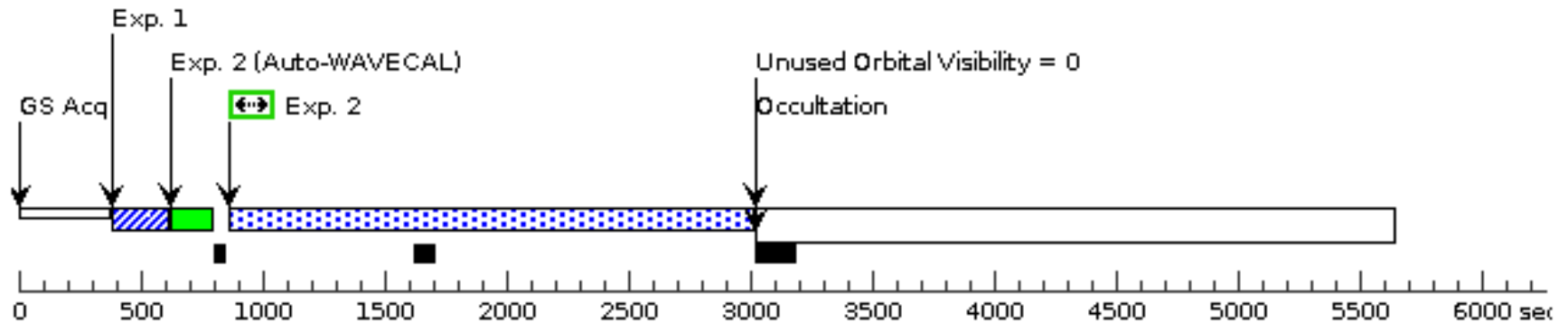


Proposal 18421 - WD1942+499 (13) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1942+499 (13)										Mon Aug 10 14:00:57 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	WD1942+499	RA: 19 43 43.6812 (295.9320050d)		Proper Motion RA: 26.571 mas/yr		V=14.717		Reference Frame: ICRS			
			Dec: +50 04 37.92 (50.07720d)		Proper Motion Dec: 45.653 mas/yr							
			Equinox: J2000		Parallax: 0.0100258"							
					Epoch of Position: 2000							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=STAR											
	Description=[DA]											
	Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 1 (STIS.ta.236 2152)	(9) WD1942+499	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs)			
									[==>]		[1]	
	2	NUV Exposure 1 (STIS.sp.23 62153)	(9) WD1942+499	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=76 0			2000 Secs (2131 Secs)			
									[==>2131.0 Secs]		[1]	
	3	NUV Exposure 2 (STIS.sp.23 62154)	(9) WD1942+499	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=76 0			2000 Secs (2616 Secs)			
									[==>2616.0 Secs]		[2]	
	4	NUV Exposure 3 (STIS.sp.23 62154)	(9) WD1942+499	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=76 0			2000 Secs (2616 Secs)			
								[==>2616.0 Secs]		[3]		

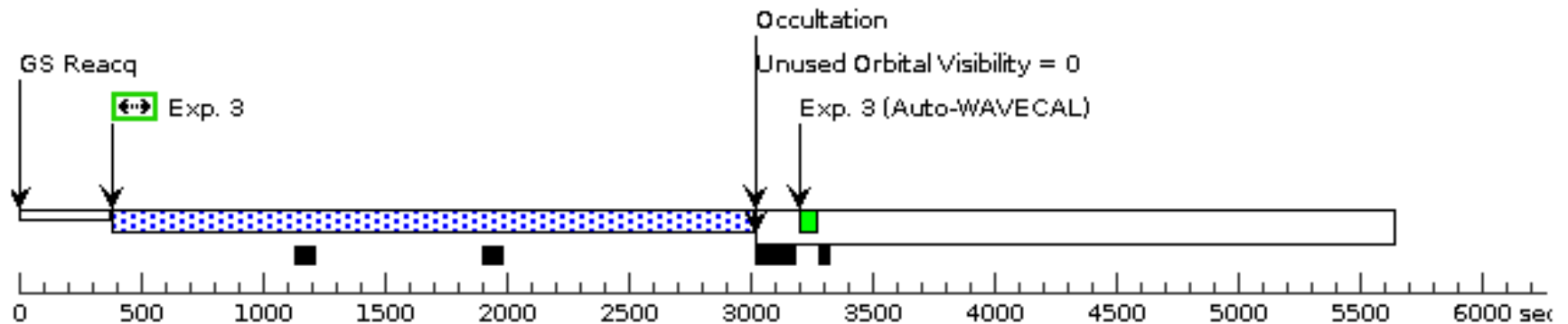
Orbit 1

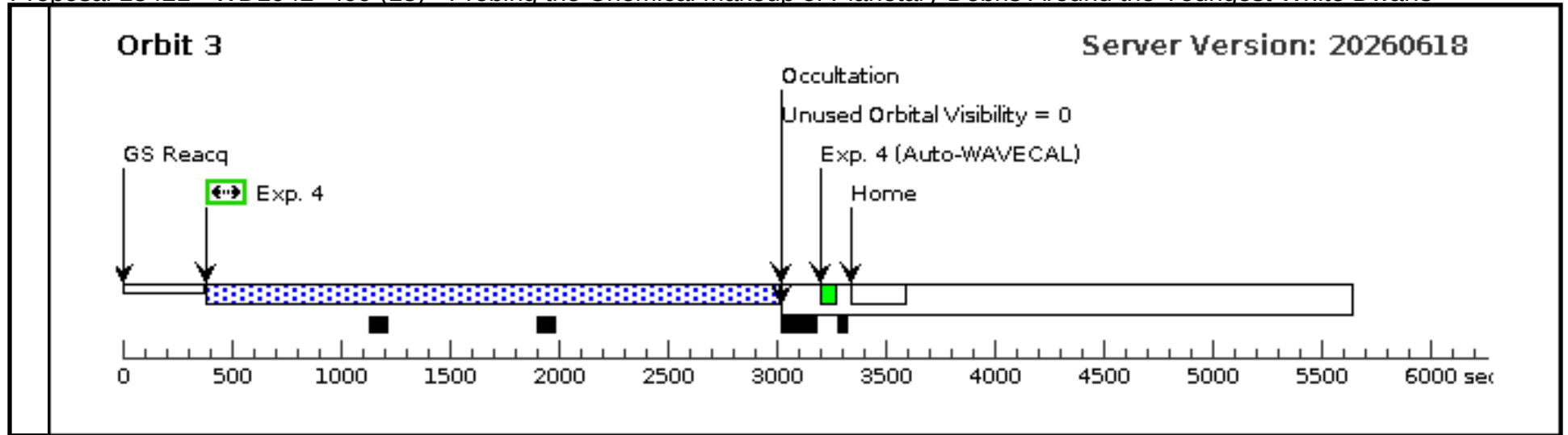
Server Version: 20260618



Orbit 2

Server Version: 20260618



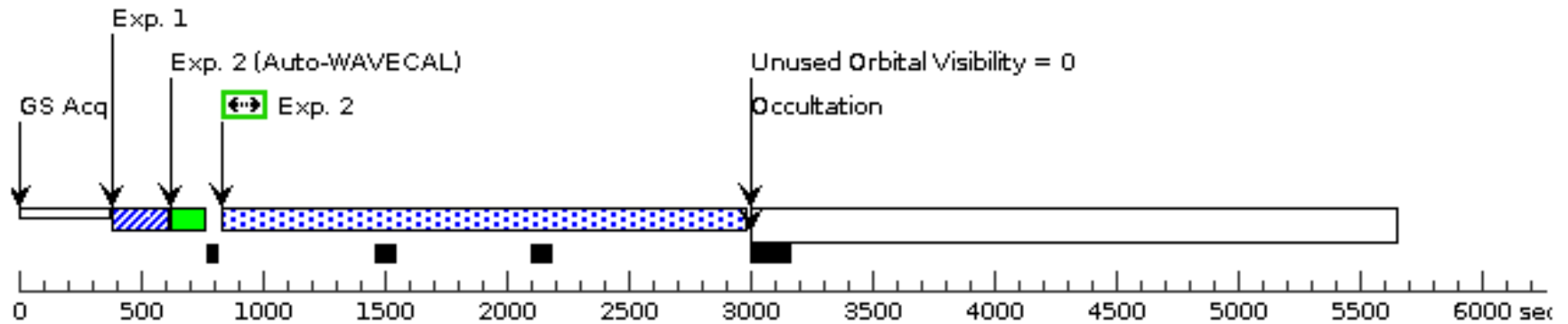


Proposal 18421 - WD1950-432 Visit 1 (14) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1950-432 Visit 1 (14)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	WD1950-432	RA: 19 53 47.7634 (298.4490142d) Dec: -43 07 13.92 (-43.12053d) Equinox: J2000		Proper Motion RA: 109.645 mas/yr Proper Motion Dec: -80.34000002226094 mas/yr Parallax: 0.0070268" Epoch of Position: 2000		V=15.0		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 1 (STIS.ta.236 2158)	(10) WD1950-432	STIS/CCD, ACQ, F28X50LP	MIRROR				1.2 Secs (1.2 Secs)		
									[==>]		[1]
	2	FUV Exposure 1 (STIS.sp.23 62160)	(10) WD1950-432	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=63 1			2000 Secs (2136 Secs)		
									[==>2136.0 Secs]		[1]
	3	FUV Exposure 2 (STIS.sp.23 62161)	(10) WD1950-432	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=63 1			2000 Secs (2591 Secs)		
									[==>2591.0 Secs]		[2]
4	FUV Exposure 3 (STIS.sp.23 62161)	(10) WD1950-432	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=63 1			2000 Secs (2591 Secs)			
								[==>2591.0 Secs]		[3]	

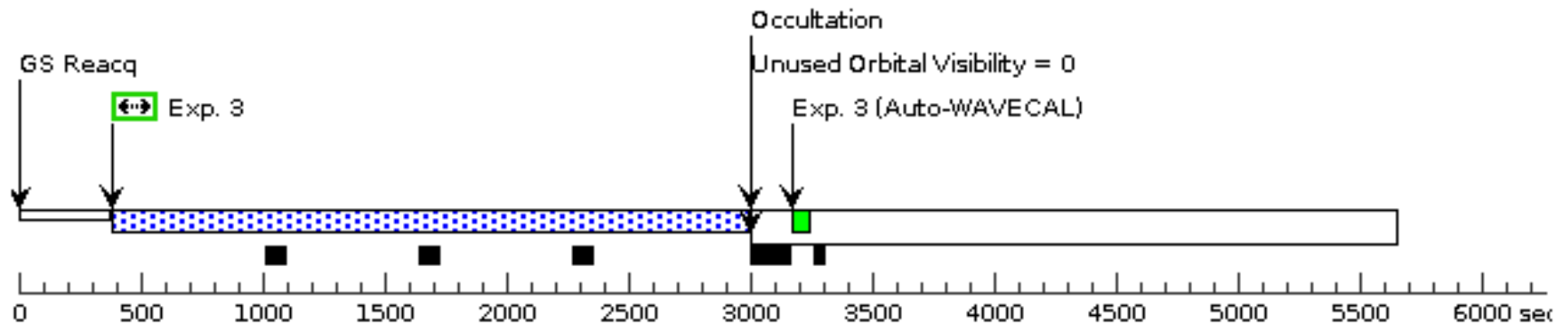
Orbit 1

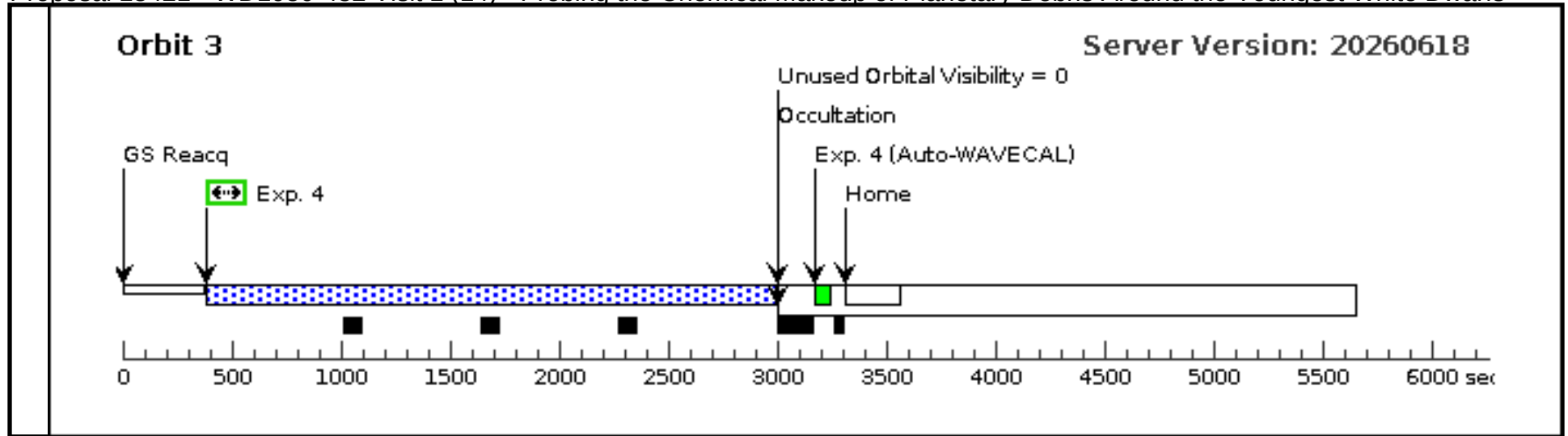
Server Version: 20260618



Orbit 2

Server Version: 20260618



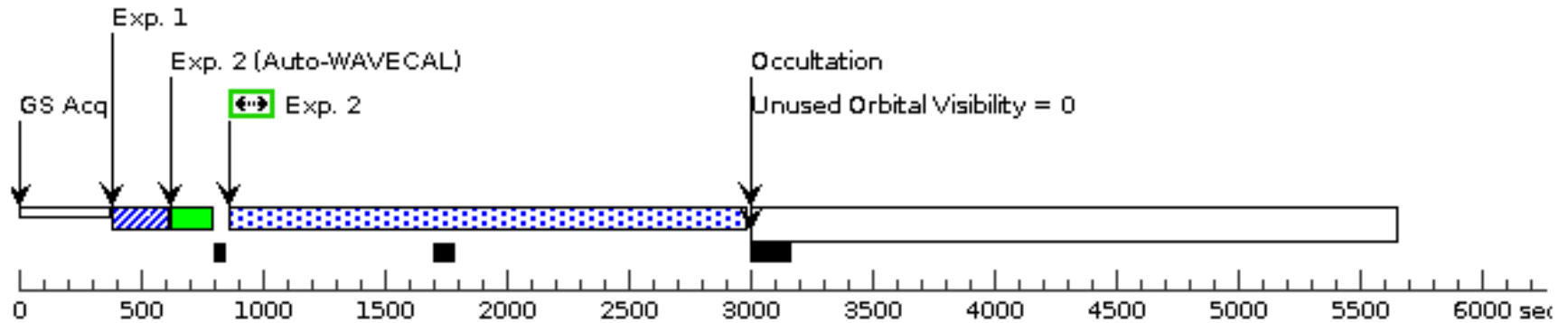


Proposal 18421 - WD1950-432 Visit 2 (15) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD1950-432 Visit 2 (15)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(10)	WD1950-432	RA: 19 53 47.7634 (298.4490142d) Dec: -43 07 13.92 (-43.12053d) Equinox: J2000	Proper Motion RA: 109.645 mas/yr Proper Motion Dec: -80.34000002226094 mas/yr Parallax: 0.0070268" Epoch of Position: 2000			V=15.0	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 2 (STIS.ta.236 2158)	(10) WD1950-432	STIS/CCD, ACQ, F28X50LP	MIRROR				1.2 Secs (1.2 Secs)		
									[==>]		[1]
	2	NUV Exposure 1 (STIS.sp.23 62162)	(10) WD1950-432	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=84 2			2000 Secs (2106 Secs)		
									[==>2106.0 Secs]		[1]
	3	NUV Exposure 2 (STIS.sp.23 62163)	(10) WD1950-432	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=84 2			2000 Secs (2591 Secs)		
									[==>2591.0 Secs]		[2]
4	NUV Exposure 3 (STIS.sp.23 62163)	(10) WD1950-432	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=84 2			2000 Secs (2591 Secs)			
								[==>2591.0 Secs]		[3]	

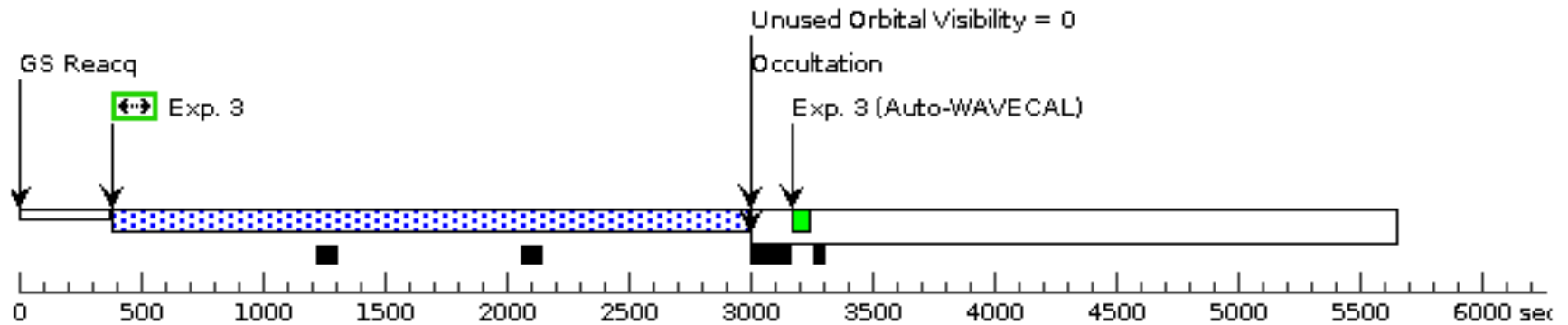
Orbit 1

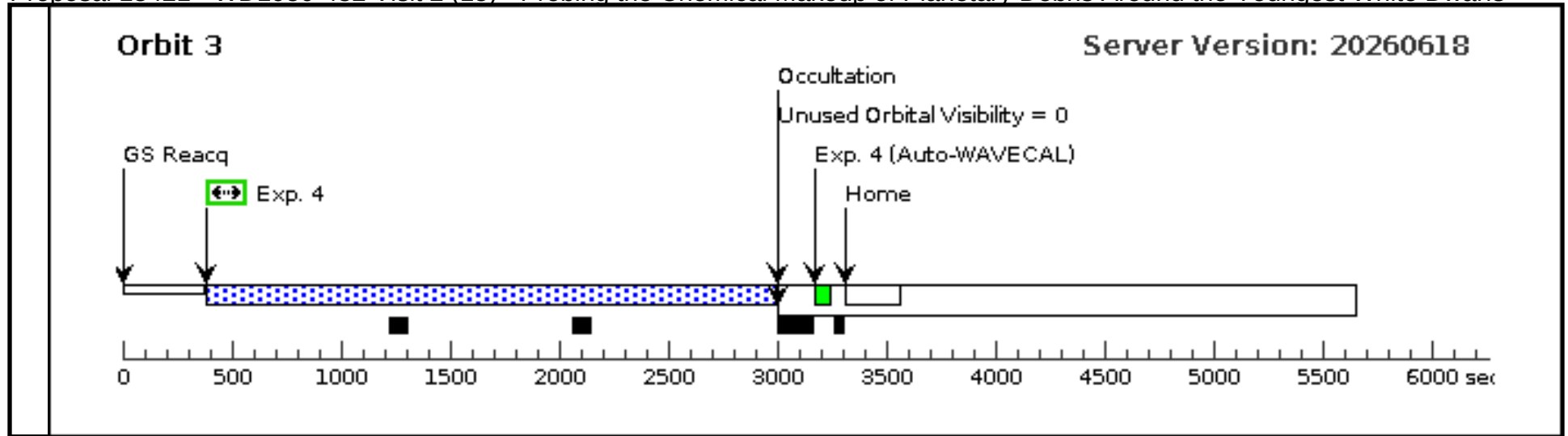
Server Version: 20260618



Orbit 2

Server Version: 20260618



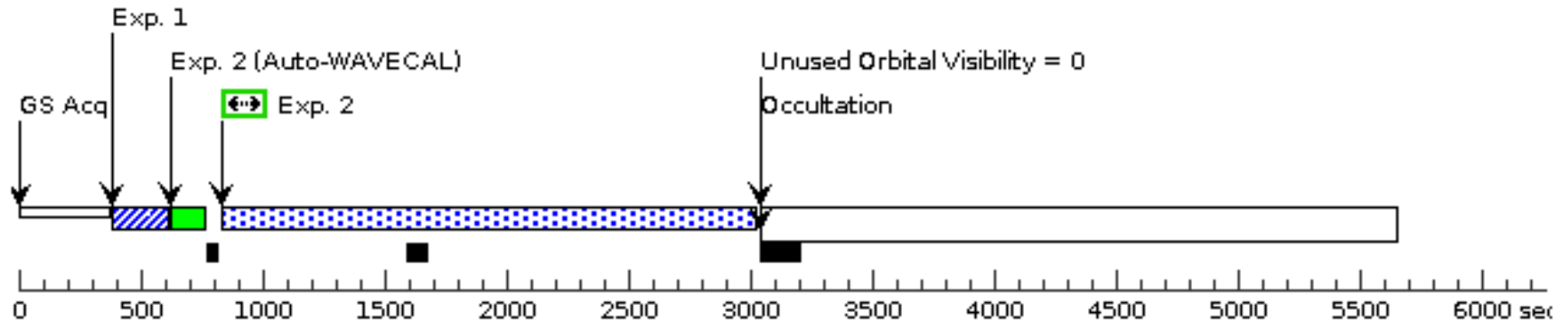


Proposal 18421 - WD2000-562 Visit 1 (16) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2000-562 Visit 1 (16)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(11)	WD2000-562	RA: 20 04 18.2562 (301.0760675d) Dec: -56 02 47.93 (-56.04665d) Equinox: J2000	Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -37.7390000721789 mas/yr Parallax: 0.0054737" Epoch of Position: 2000		V=15.226044		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 1 (STIS.ta.236 2169)	(11) WD2000-562	STIS/CCD, ACQ, F28X50LP	MIRROR				1.5 Secs (1.5 Secs)		
									[==>]		[1]
	2	FUV Exposure 1 (STIS.sp.23 62171)	(11) WD2000-562	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=76 0			2000 Secs (2177 Secs)		
									[==>2177.0 Secs]		[1]
	3	FUV Exposure 2 (STIS.sp.23 62172)	(11) WD2000-562	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=76 0			2000 Secs (2634 Secs)		
									[==>2634.0 Secs]		[2]
4	FUV Exposure 3 (STIS.sp.23 62172)	(11) WD2000-562	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=76 0			2000 Secs (2634 Secs)			
								[==>2634.0 Secs]		[3]	

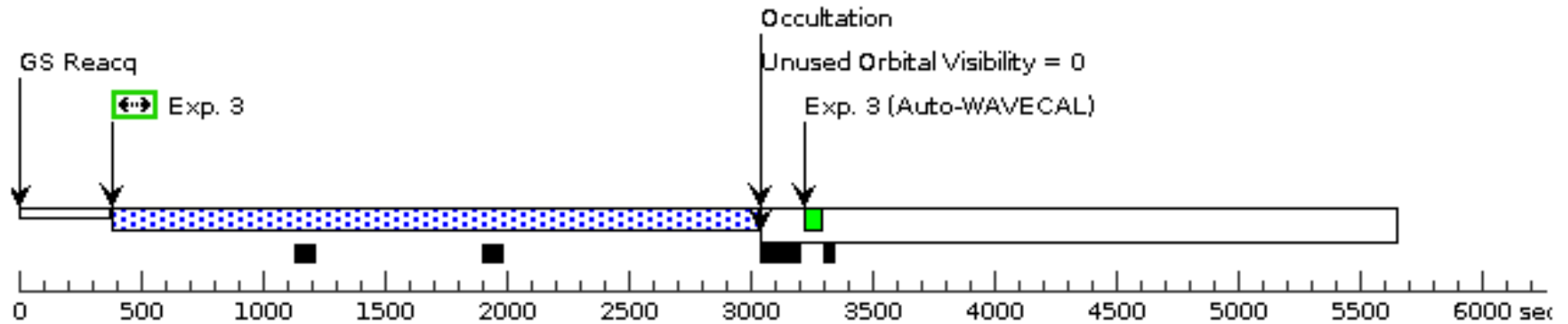
Orbit 1

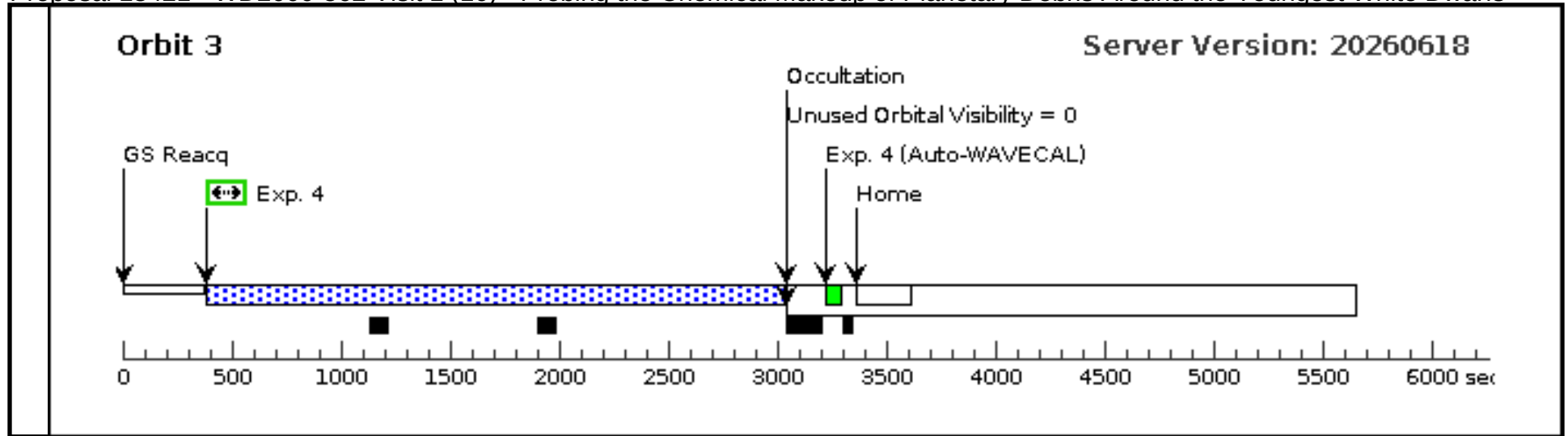
Server Version: 20260618



Orbit 2

Server Version: 20260618



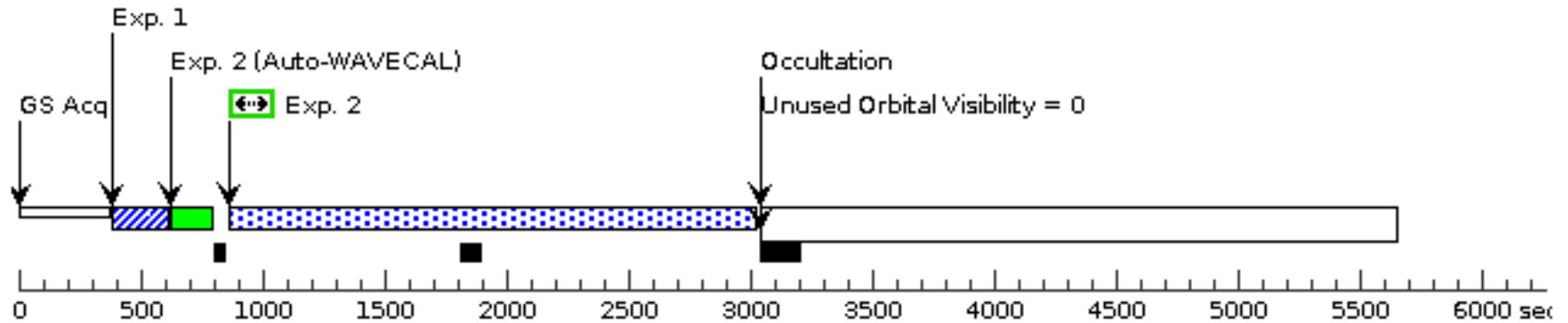


Proposal 18421 - WD2000-562 Visit 2 (18) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2000-562 Visit 2 (18)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(11)	WD2000-562	RA: 20 04 18.2562 (301.0760675d) Dec: -56 02 47.93 (-56.04665d) Equinox: J2000	Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -37.7390000721789 mas/yr Parallax: 0.0054737" Epoch of Position: 2000			V=15.226044		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 2 (STIS.ta.236 2169)	(11) WD2000-562	STIS/CCD, ACQ, F28X50LP	MIRROR				1.5 Secs (1.5 Secs)		
									[==>]		[1]
	2	NUV Exposure 1 (STIS.sp.23 62174)	(11) WD2000-562	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=94 6			2000 Secs (2147 Secs)		
									[==>2147.0 Secs]		[1]
	3	NUV Exposure 2 (STIS.sp.23 62175)	(11) WD2000-562	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=94 6			2000 Secs (2634 Secs)		
									[==>2634.0 Secs]		[2]
4	NUV Exposure 3 (STIS.sp.23 62175)	(11) WD2000-562	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=94 6			2000 Secs (2634 Secs)			
								[==>2634.0 Secs]		[3]	

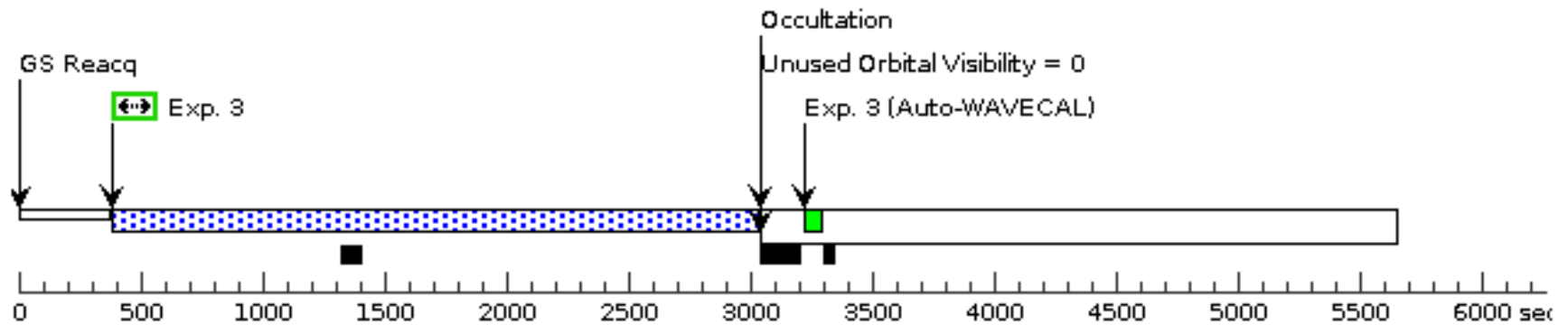
Orbit 1

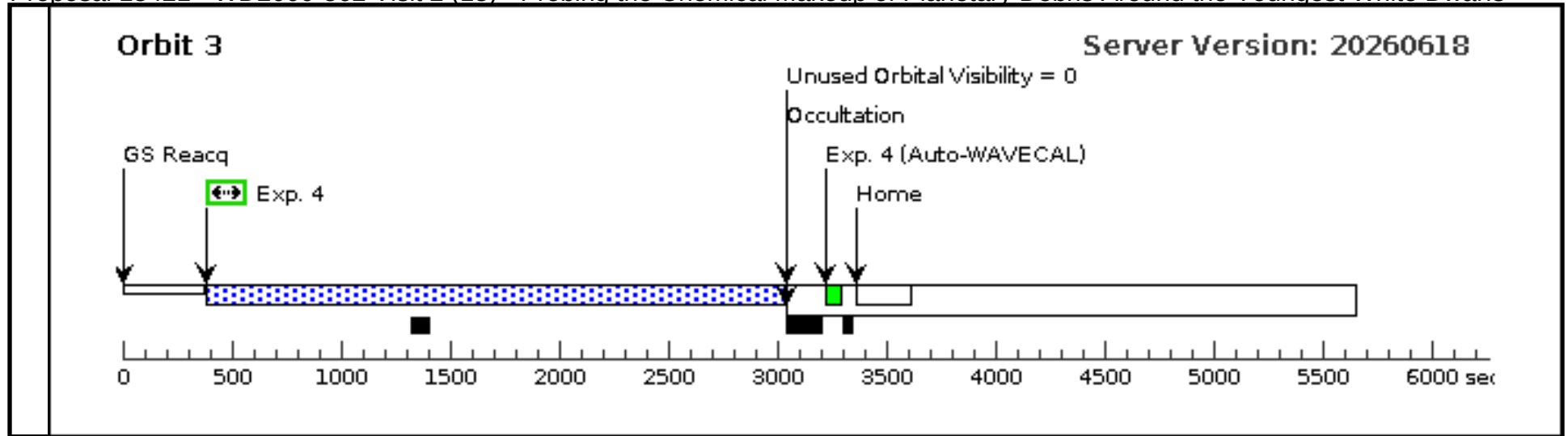
Server Version: 20260618



Orbit 2

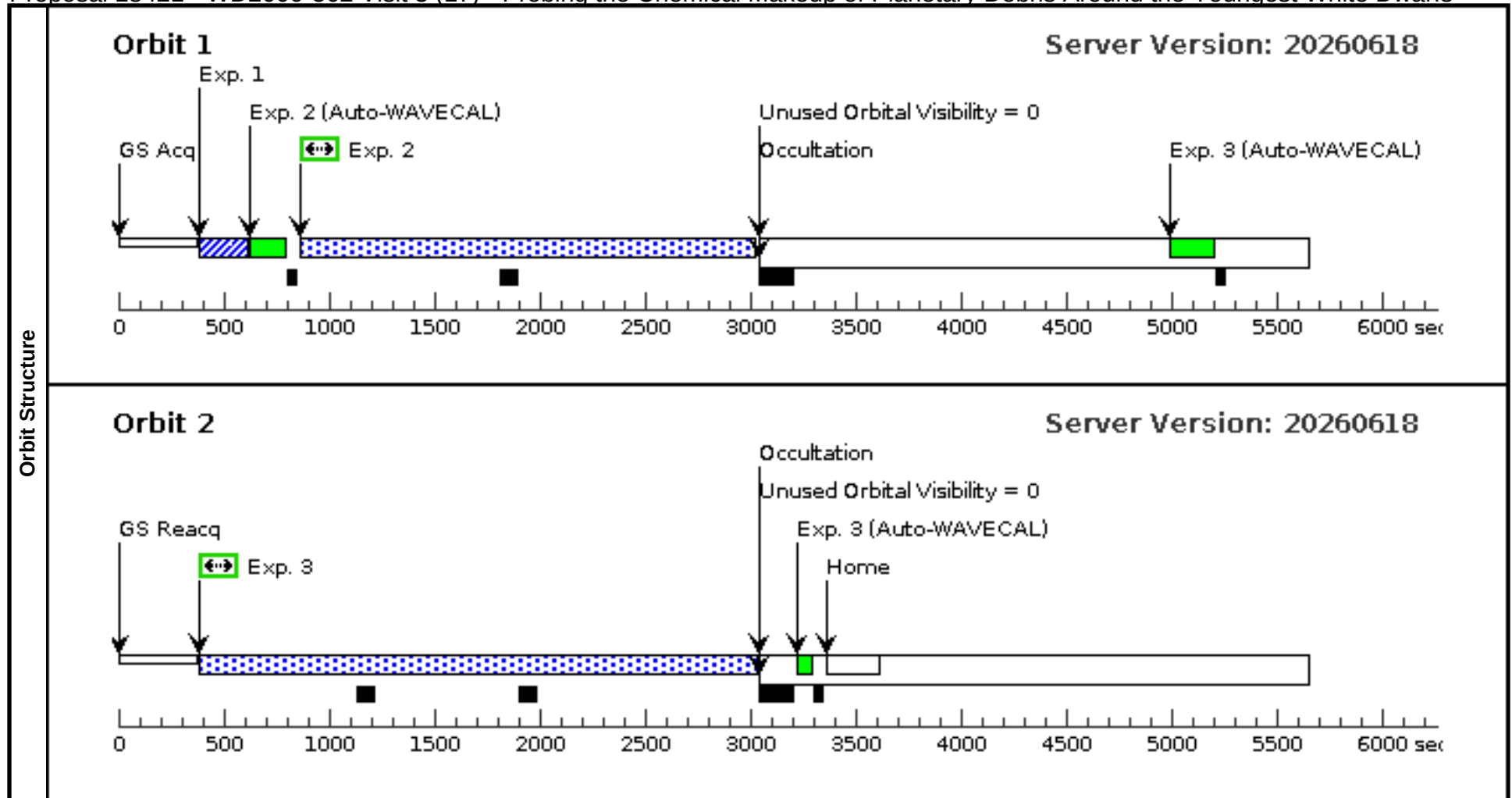
Server Version: 20260618





Proposal 18421 - WD2000-562 Visit 3 (17) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2000-562 Visit 3 (17)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(11)	WD2000-562	RA: 20 04 18.2562 (301.0760675d) Dec: -56 02 47.93 (-56.04665d) Equinox: J2000	Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -37.7390000721789 mas/yr Parallax: 0.0054737" Epoch of Position: 2000			V=15.226044	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Acq 3 (STIS.ta.236 2169)	(11) WD2000-562	STIS/CCD, ACQ, F28X50LP	MIRROR				1.5 Secs (1.5 Secs)		
									[==>]	[1]	
	2	NUV Exposure 4 (STIS.sp.23 62174)	(11) WD2000-562	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=94 6			2000 Secs (2147 Secs)		
									[==>2147.0 Secs]	[1]	
	3	FUV Exposure 4 (STIS.sp.23 62172)	(11) WD2000-562	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=76 0			2000 Secs (2634 Secs)		
									[==>2634.0 Secs]	[2]	



Proposal 18421 - WD2111+498 (19) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

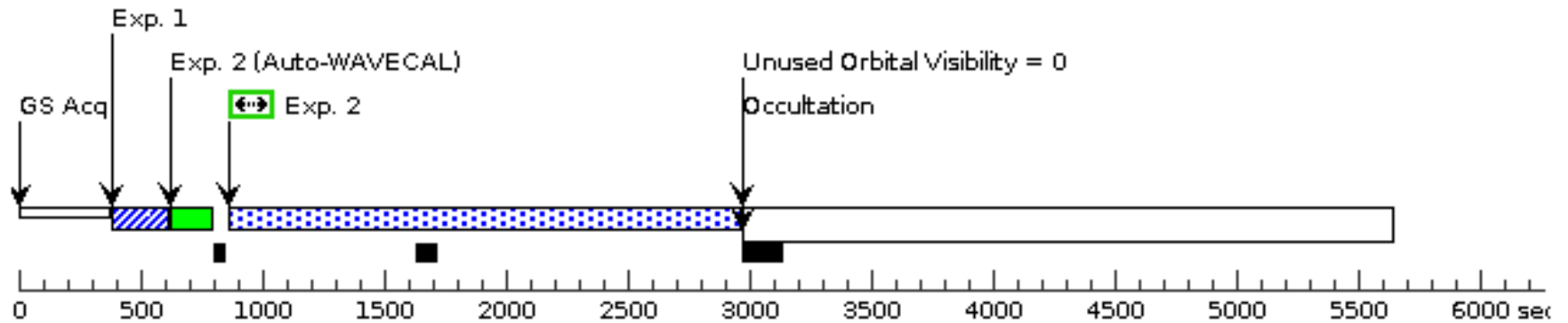
Visit	Proposal 18421, WD2111+498 (19)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(12)	WD2111+498	RA: 21 12 44.0371 (318.1834879d) Dec: +50 06 17.89 (50.10497d) Equinox: J2000	Proper Motion RA: 93.171 mas/yr Proper Motion Dec: -16.41800004108518 mas/yr Parallax: 0.01988" Epoch of Position: 2000			V=13.09	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Acq 1 (STIS.ta.236 2177)	(12) WD2111+498	STIS/CCD, ACQ, F28X50LP	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]	
	2	NUV Exposure 1 (STIS.sp.23 60208)	(12) WD2111+498	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=22 0			2000 Secs (2135 Secs) [==>2135.0 Secs]	[1]	
Orbit Structure	Orbit 1 Server Version: 20260618 GS Acq Exp. 1 Exp. 2 (Auto-WAVECAL) Exp. 2 Occultation Unused Orbital Visibility = 0 Home 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

Proposal 18421 - WD2124-224 (20) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2124-224 (20)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(13)	WD2124-224	RA: 21 27 43.1223 (321.9296762d) Dec: -22 11 48.68 (-22.19686d) Equinox: J2000		Proper Motion RA: 0.777 mas/yr Proper Motion Dec: -34.73999993275356 mas/yr Parallax: 0.0055958" Epoch of Position: 2000		V=14.94		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 1 (STIS.ta.236 2373)	(13) WD2124-224	STIS/CCD, ACQ, F28X50LP	MIRROR				1.1 Secs (1.1 Secs)		
									[==>]		[1]
	2	NUV Exposure 1 (STIS.sp.23 62375)	(13) WD2124-224	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=77 3			2000 Secs (2084 Secs)		
									[==>2084.0 Secs]		[1]
	3	NUV Exposure 2 (STIS.sp.23 62376)	(13) WD2124-224	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=77 3			2000 Secs (2569 Secs)		
								[==>2569.0 Secs]		[2]	
	4	NUV Exposure 3 (STIS.sp.23 62376)	(13) WD2124-224	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=77 3			2000 Secs (2569 Secs)		
								[==>2569.0 Secs]		[3]	

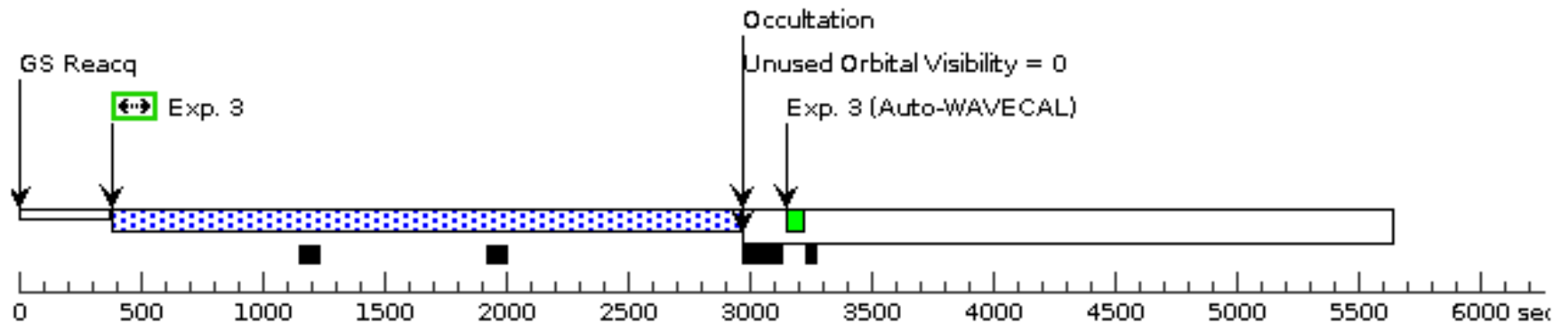
Orbit 1

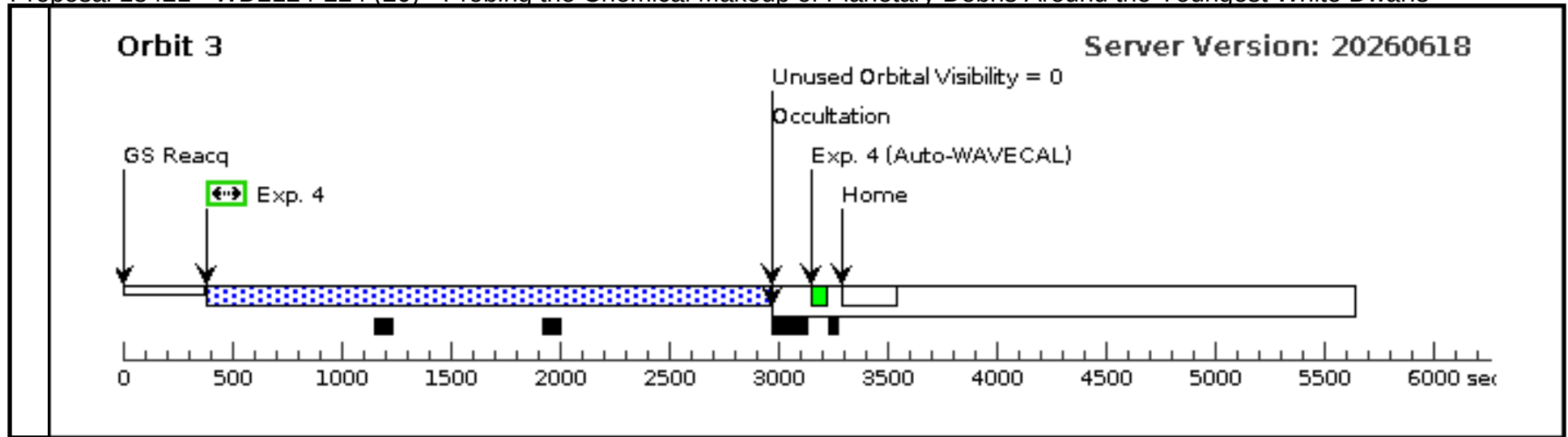
Server Version: 20260618



Orbit 2

Server Version: 20260618



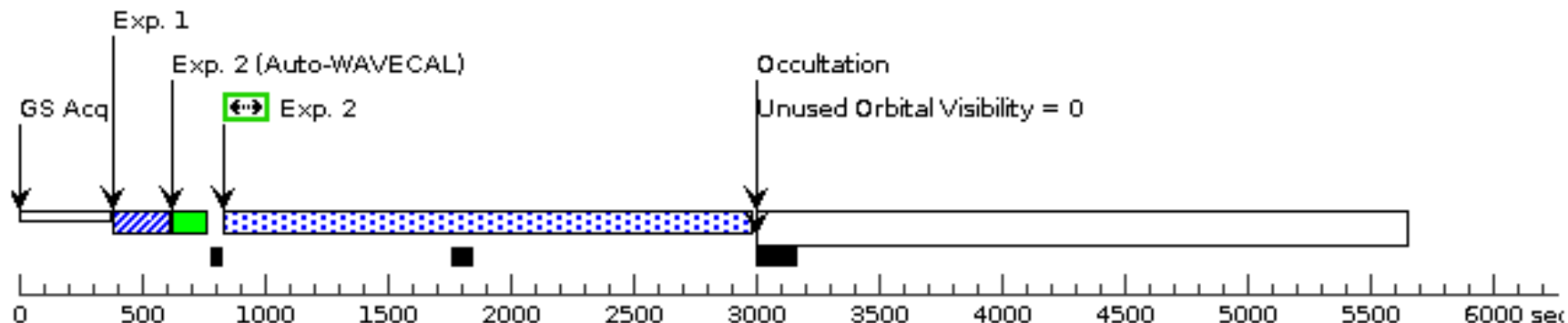


Proposal 18421 - WD2146-433 Visit 1 (21) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2146-433 Visit 1 (21)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(14)	WD2146-433	RA: 21 49 38.9312 (327.4122133d) Dec: -43 06 14.18 (-43.10394d) Equinox: J2000	Proper Motion RA: -21.955 mas/yr Proper Motion Dec: -21.19599988776748 mas/yr Parallax: 0.002915299999999996" Epoch of Position: 2000			V=15.7	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 1 (STIS.ta.236 2380)	(14) WD2146-433	STIS/CCD, ACQ, F28X50LP	MIRROR				2.2 Secs (2.2 Secs)		
									[==>]		[1]
	2	FUV Exposure 1 (STIS.sp.23 62383)	(14) WD2146-433	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=92 6			2000 Secs (2132 Secs)		
									[==>2132.0 Secs]		[1]
	3	FUV Exposure 2 (STIS.sp.23 62384)	(14) WD2146-433	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=92 6			2000 Secs (2591 Secs)		
									[==>2591.0 Secs]		[2]
4	FUV Exposure 3 (STIS.sp.23 62384)	(14) WD2146-433	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=92 6			2000 Secs (2591 Secs)			
								[==>2591.0 Secs]		[3]	

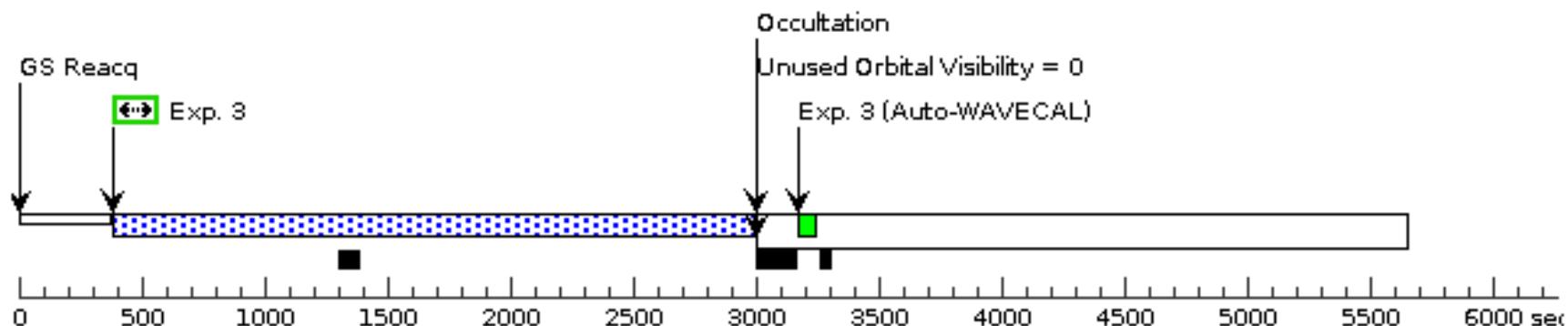
Orbit 1

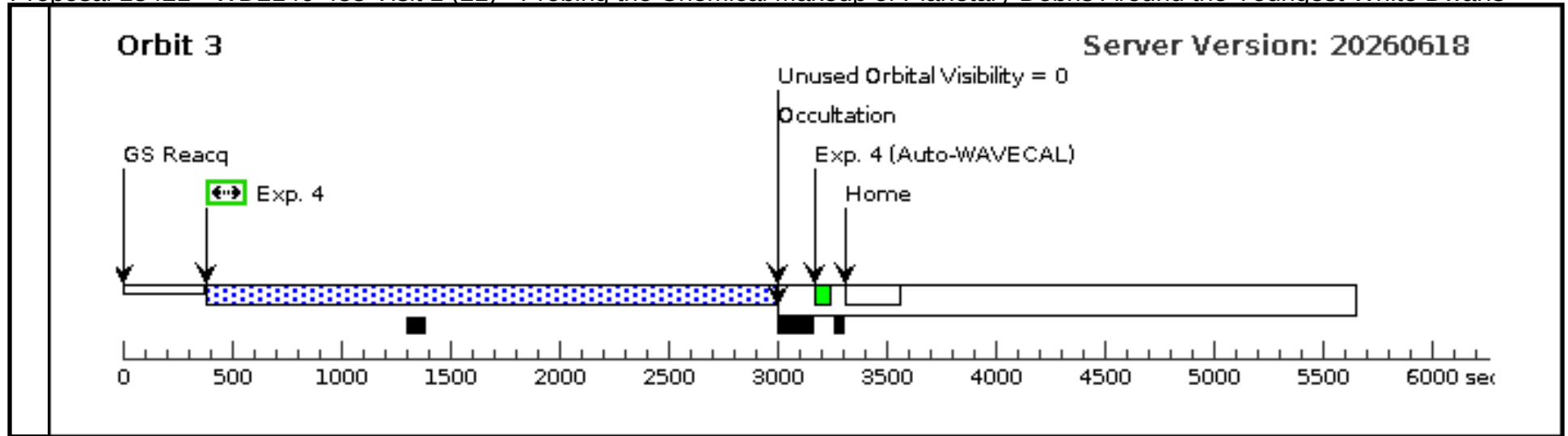
Server Version: 20260618



Orbit 2

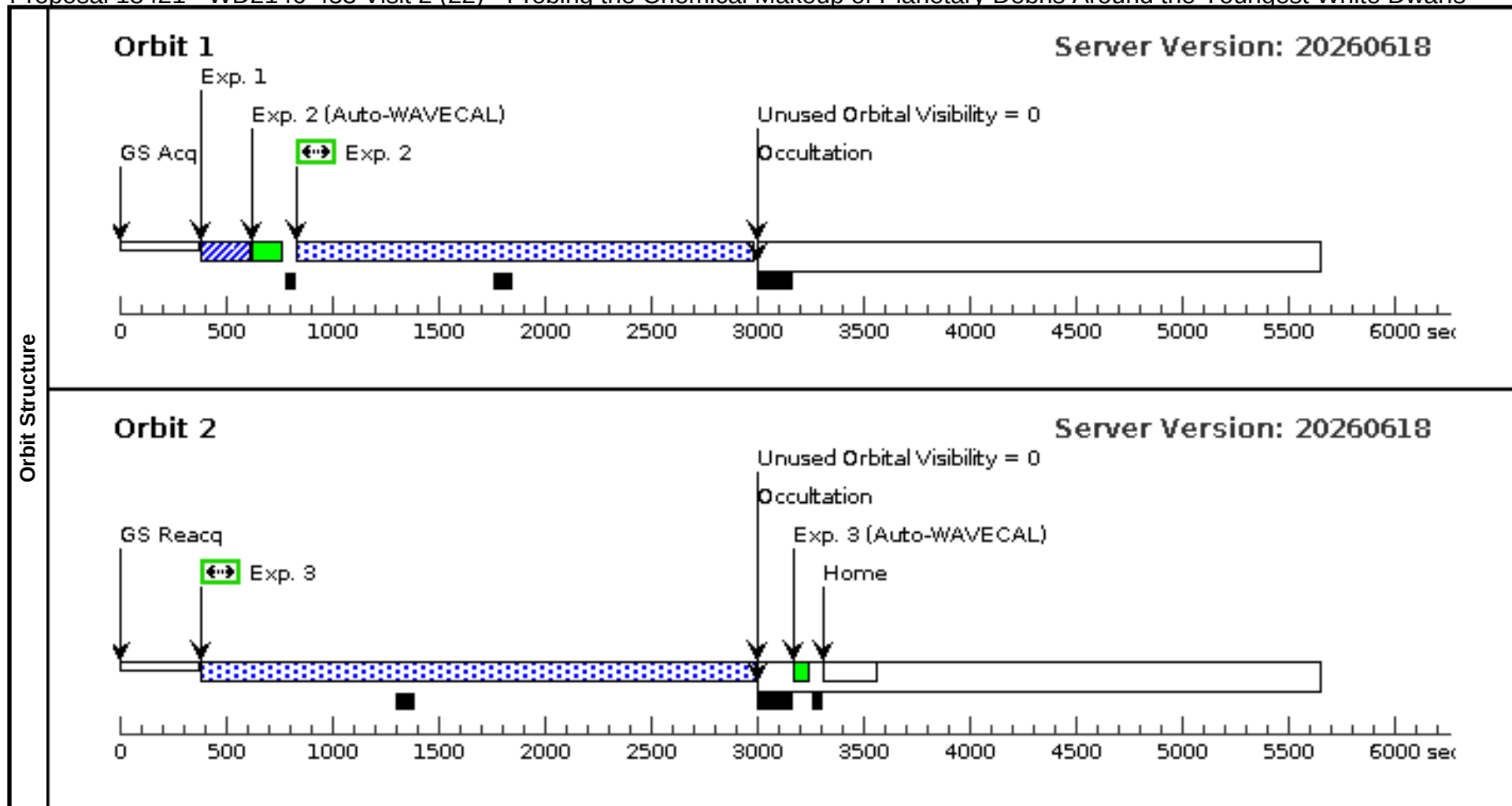
Server Version: 20260618





Proposal 18421 - WD2146-433 Visit 2 (22) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2146-433 Visit 2 (22)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(14)	WD2146-433	RA: 21 49 38.9312 (327.4122133d) Dec: -43 06 14.18 (-43.10394d) Equinox: J2000	Proper Motion RA: -21.955 mas/yr Proper Motion Dec: -21.195999988776748 mas/yr Parallax: 0.002915299999999996" Epoch of Position: 2000			V=15.7	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Acq 2 (STIS.ta.236 2380)	(14) WD2146-433	STIS/CCD, ACQ, F28X50LP	MIRROR				2.2 Secs (2.2 Secs)		
									[==>]	[1]	
	2	FUV Exposure 4 (STIS.sp.23 62383)	(14) WD2146-433	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=92 6			2000 Secs (2132 Secs)		
									[==>2132.0 Secs]	[1]	
	3	FUV Exposure 5 (STIS.sp.23 62384)	(14) WD2146-433	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=92 6			2000 Secs (2591 Secs)		
									[==>2591.0 Secs]	[2]	

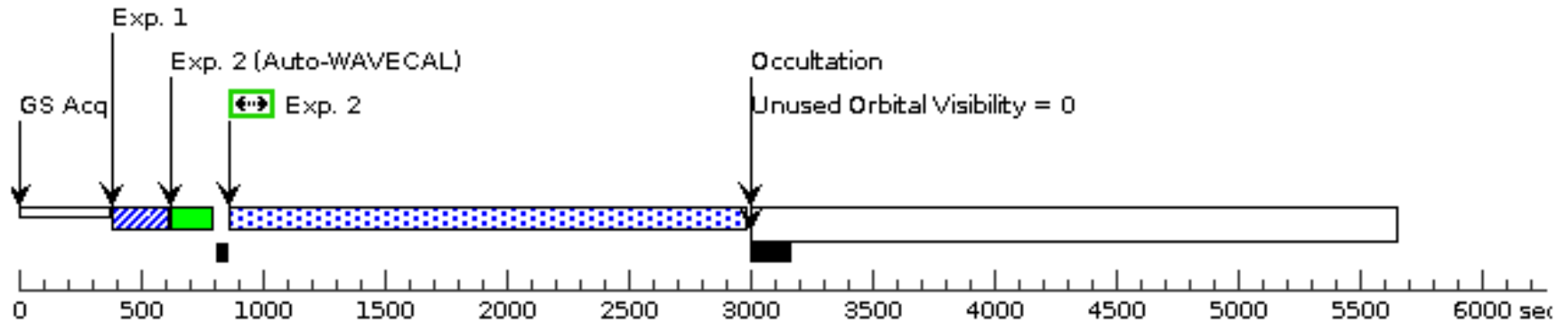


Proposal 18421 - WD2146-433 Visit 3 (23) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2146-433 Visit 3 (23)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(14)	WD2146-433	RA: 21 49 38.9312 (327.4122133d) Dec: -43 06 14.18 (-43.10394d) Equinox: J2000		Proper Motion RA: -21.955 mas/yr Proper Motion Dec: -21.19599988776748 mas/yr Parallax: 0.002915299999999996" Epoch of Position: 2000		V=15.7		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Acq 3 (STIS.ta.236 2380)	(14) WD2146-433	STIS/CCD, ACQ, F28X50LP	MIRROR				2.2 Secs (2.2 Secs)		
									[==>]		[1]
	2	NUV Exposure 1 (STIS.sp.23 62386)	(14) WD2146-433	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=10 87			2000 Secs (2102 Secs)		
									[==>2102.0 Secs]		[1]
	3	NUV Exposure 2 (STIS.sp.23 62387)	(14) WD2146-433	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=10 87			2000 Secs (2591 Secs)		
									[==>2591.0 Secs]		[2]
4	NUV Exposure 3 (STIS.sp.23 62387)	(14) WD2146-433	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=10 87			2000 Secs (2591 Secs)			
									[==>2591.0 Secs]		[3]

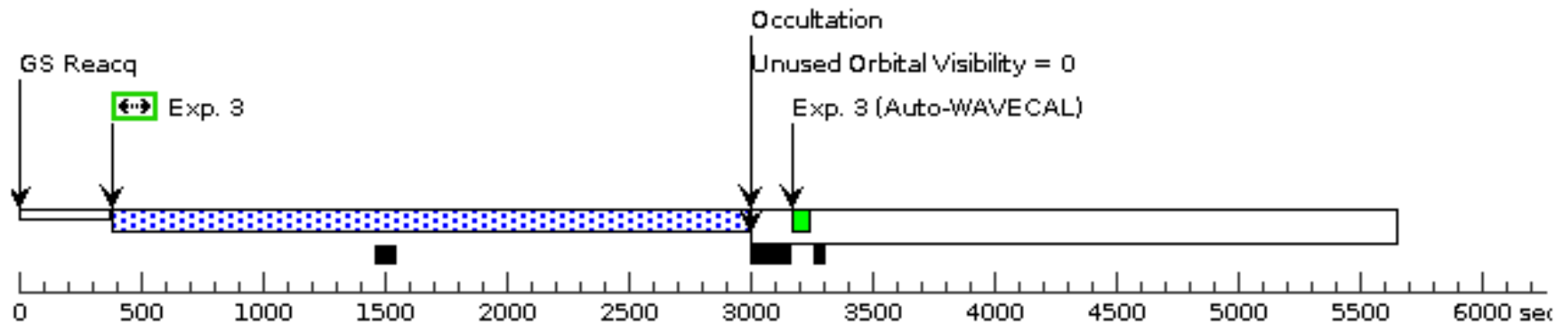
Orbit 1

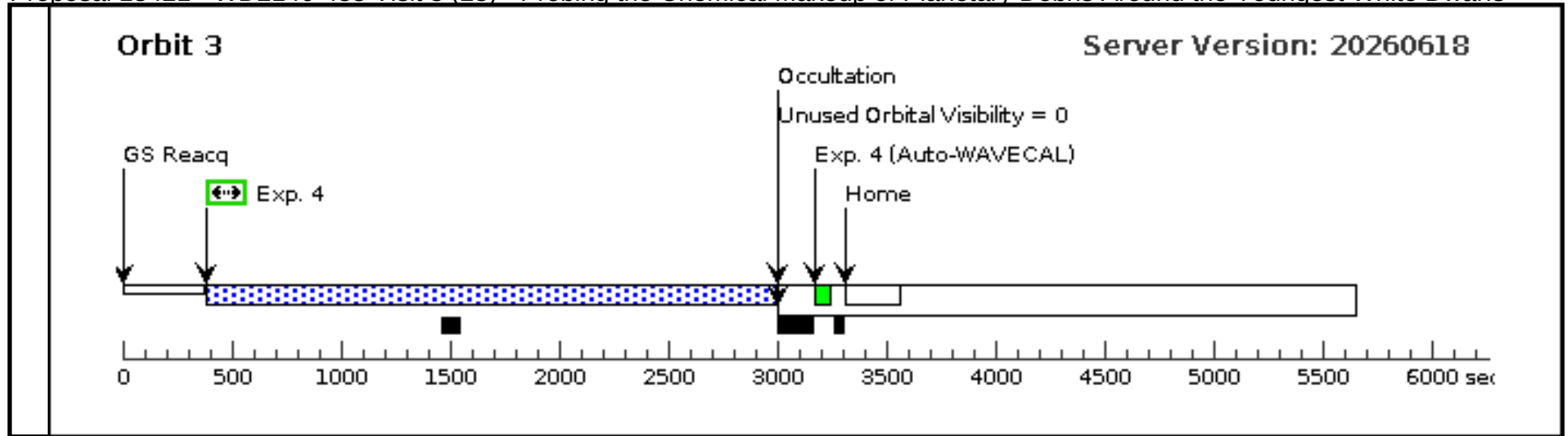
Server Version: 20260618



Orbit 2

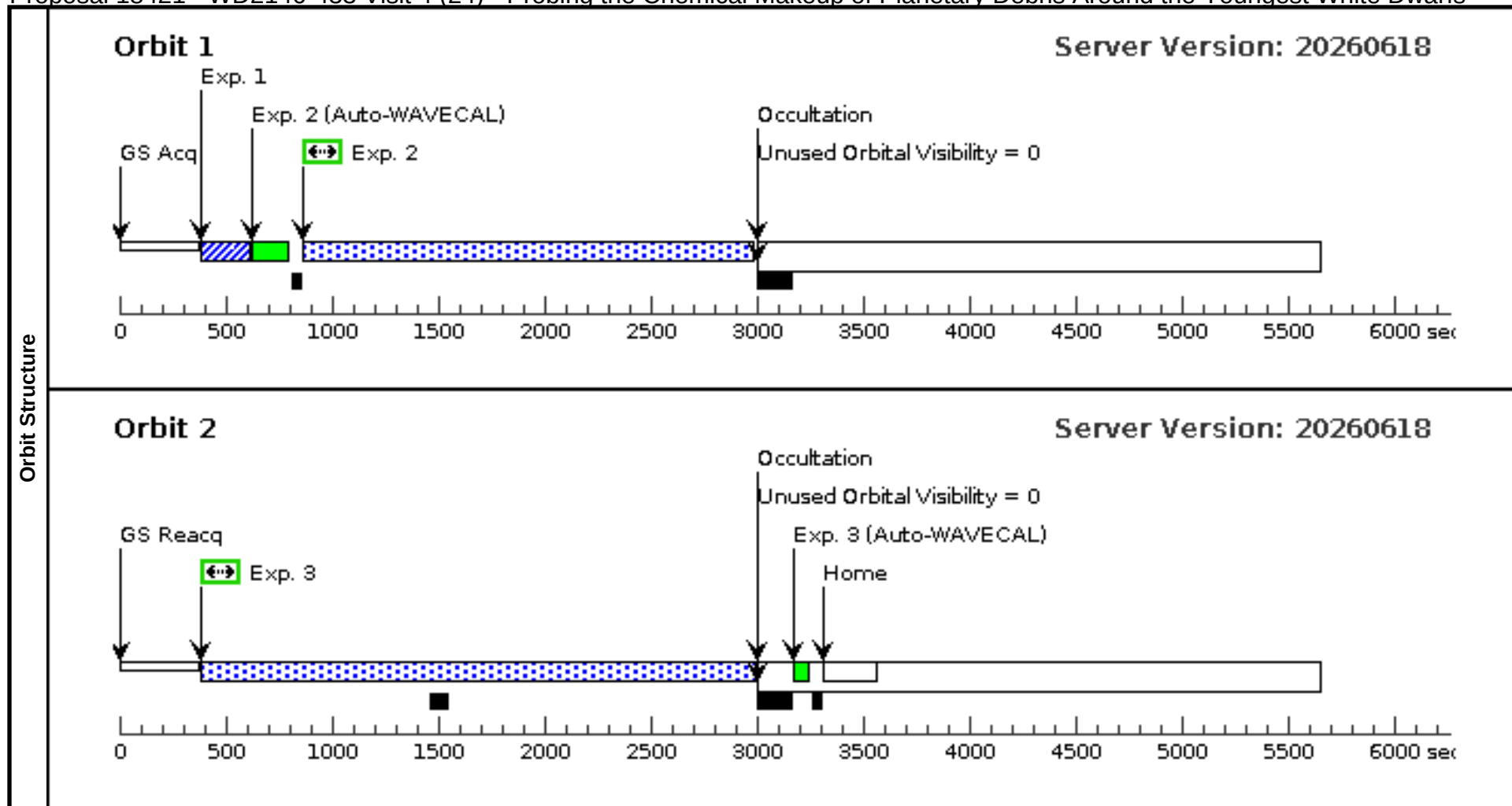
Server Version: 20260618





Proposal 18421 - WD2146-433 Visit 4 (24) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2146-433 Visit 4 (24)										Mon Aug 10 14:00:57 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(14)	WD2146-433	RA: 21 49 38.9312 (327.4122133d) Dec: -43 06 14.18 (-43.10394d) Equinox: J2000	Proper Motion RA: -21.955 mas/yr Proper Motion Dec: -21.195999988776748 mas/yr Parallax: 0.002915299999999996" Epoch of Position: 2000			V=15.7	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Acq 4 (STIS.ta.236 2380)	(14) WD2146-433	STIS/CCD, ACQ, F28X50LP	MIRROR				2.2 Secs (2.2 Secs)		
									[==>]	[1]	
	2	NUV Exposure 4 (STIS.sp.23 62386)	(14) WD2146-433	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=10 87			2000 Secs (2102 Secs)		
									[==>2102.0 Secs]	[1]	
	3	NUV Exposure 5 (STIS.sp.23 62387)	(14) WD2146-433	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=10 87			2000 Secs (2591 Secs)		
									[==>2591.0 Secs]	[2]	



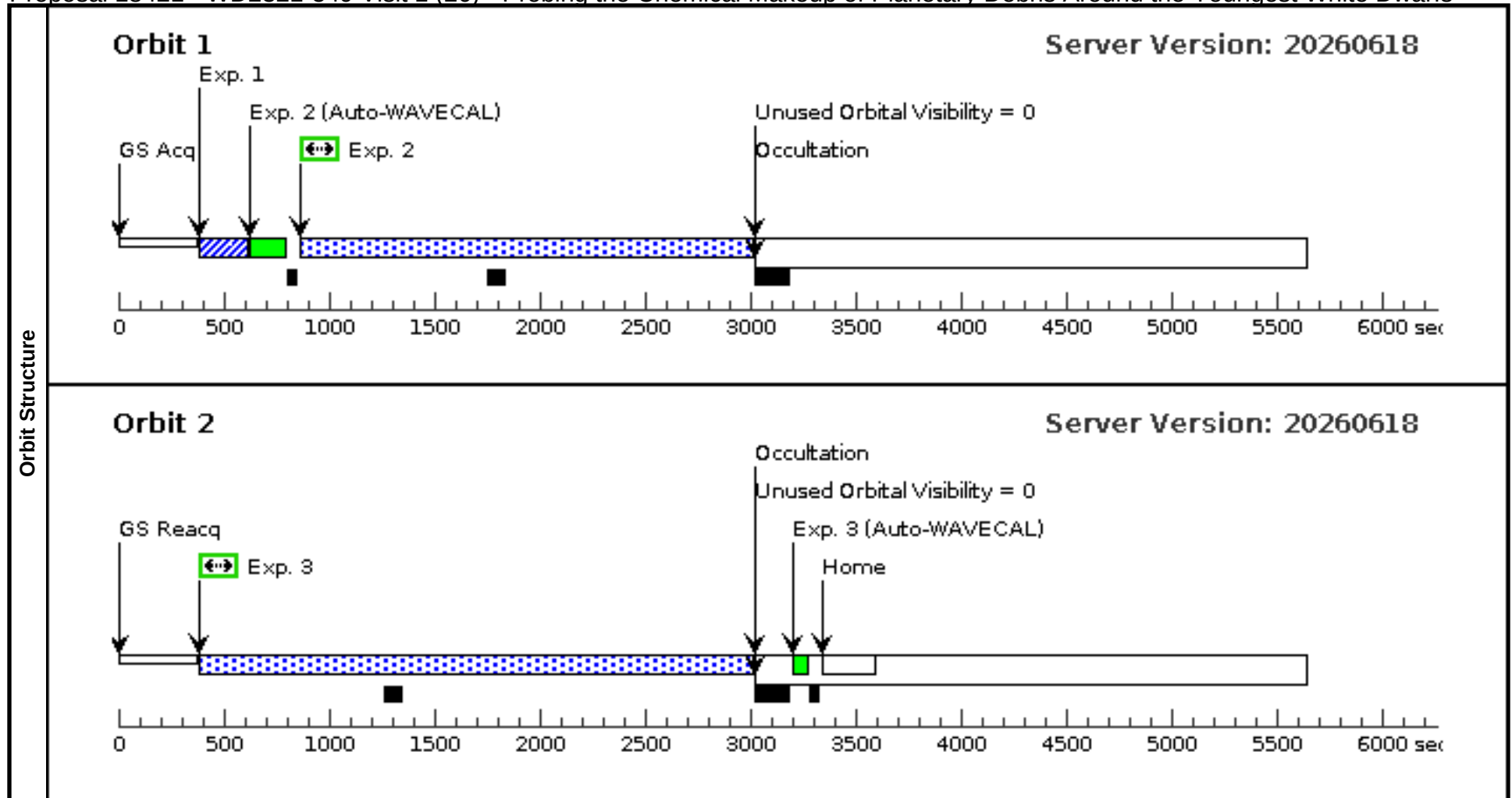
Proposal 18421 - WD2309+105 (25) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Mon Aug 10 14:00:57 GMT 2026

Visit	Proposal 18421, WD2309+105 (25)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(15)	WD2309+105	RA: 23 12 21.6158 (348.0900658d) Dec: +10 47 4.26 (10.78452d) Equinox: J2000	Proper Motion RA: 139.19 mas/yr Proper Motion Dec: -19.453000004432397 mas/yr Parallax: 0.0133025" Epoch of Position: 2000		V=13.09		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acq 1 (STIS.ta.236 2390)	(15) WD2309+105	STIS/CCD, ACQ, F28X50LP	MIRROR				0.2 Secs (0.2 Secs)	
									[==>]	[1]
	2	NUV Exposure 1 (STIS.sp.23 62391)	(15) WD2309+105	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=20 4			2000 Secs (2083 Secs)	
									[==>2083.0 Secs]	[1]
Orbit Structure	Orbit 1 Server Version: 20260618 Unused Orbital Visibility = 0									

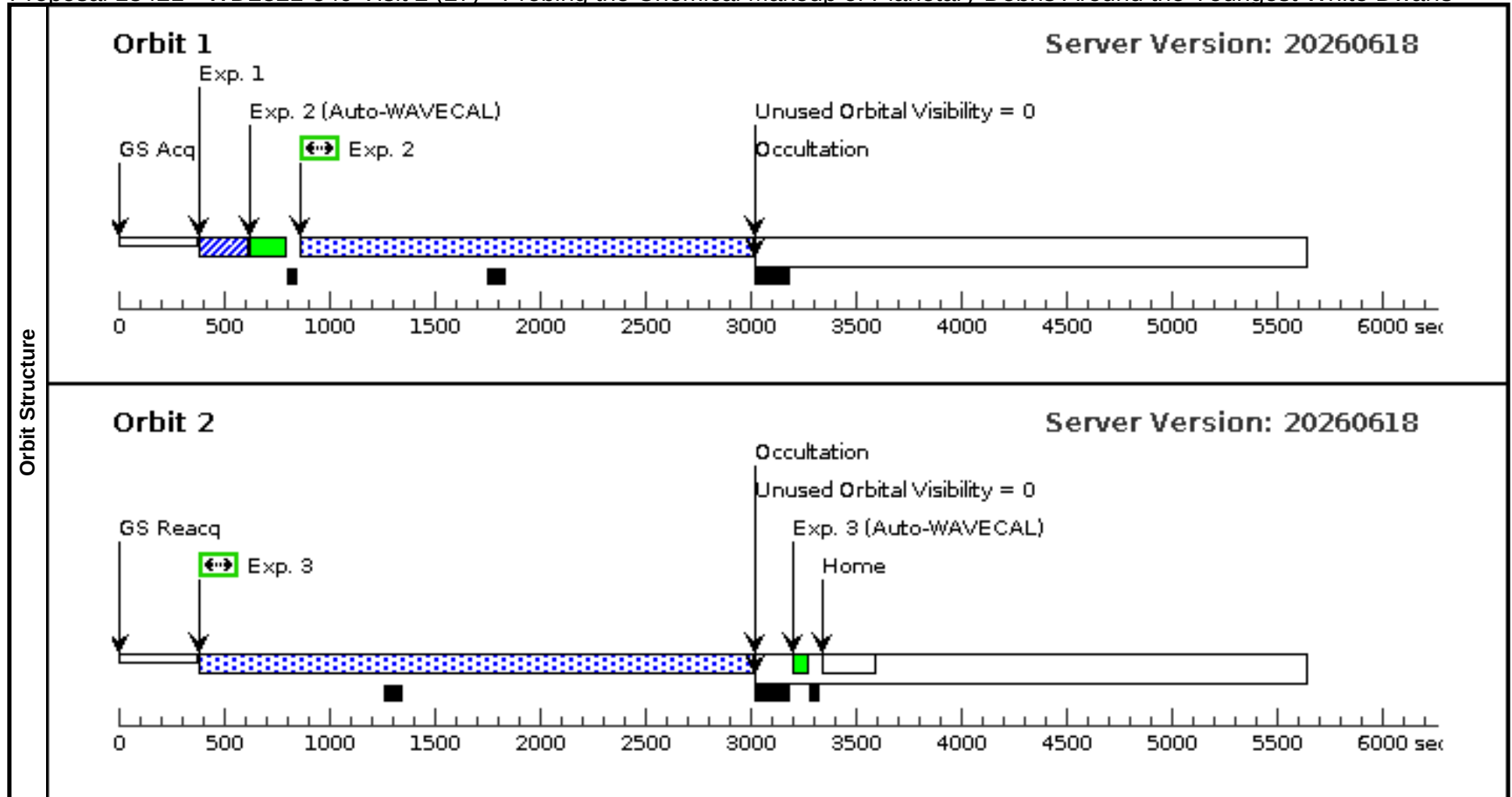
Proposal 18421 - WD2321-549 Visit 1 (26) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2321-549 Visit 1 (26)										Mon Aug 10 14:00:57 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(16)	WD2321-549	RA: 23 24 30.8623 (351.1285929d) Dec: -54 41 35.51 (-54.69320d) Equinox: J2000		Proper Motion RA: 14.782 mas/yr Proper Motion Dec: 9.394 mas/yr Parallax: 0.006618199999999999" Epoch of Position: 2000		V=15.13		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 1 (STIS.ta.236 2393)	(16) WD2321-549	STIS/CCD, ACQ, F28X50LP	MIRROR				1.3 Secs (1.3 Secs)			
									[==>]		[1]	
	2	NUV Exposure 1 (STIS.sp.23 62396)	(16) WD2321-549	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=88 9			2000 Secs (2131 Secs)			
									[==>2131.0 Secs]		[1]	
	3	NUV Exposure 2 (STIS.sp.23 62397)	(16) WD2321-549	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=88 9			2000 Secs (2616 Secs)			
									[==>2616.0 Secs]		[2]	



Proposal 18421 - WD2321-549 Visit 2 (27) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2321-549 Visit 2 (27)								Mon Aug 10 14:00:57 GMT 2026	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(16)	WD2321-549	RA: 23 24 30.8623 (351.1285929d) Dec: -54 41 35.51 (-54.69320d) Equinox: J2000	Proper Motion RA: 14.782 mas/yr Proper Motion Dec: 9.394 mas/yr Parallax: 0.006618199999999999" Epoch of Position: 2000		V=15.13		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.									
	Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acq 2 (STIS.ta.236 2393)	(16) WD2321-549	STIS/CCD, ACQ, F28X50LP	MIRROR				1.3 Secs (1.3 Secs)	
									[==>]	[1]
	2	NUV Exposure 3 (STIS.sp.23 62396)	(16) WD2321-549	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=88 9			2000 Secs (2131 Secs)	
									[==>2131.0 Secs]	[1]
	3	NUV Exposure 4 (STIS.sp.23 62397)	(16) WD2321-549	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=88 9			2000 Secs (2616 Secs)	
									[==>2616.0 Secs]	[2]



Proposal 18421 - WD2331-475 (28) - Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs

Visit	Proposal 18421, WD2331-475 (28)										Mon Aug 10 14:00:57 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(17)	WD2331-475	RA: 23 34 2.1941 (353.5091421d) Dec: -47 14 26.65 (-47.24074d) Equinox: J2000		Proper Motion RA: -8.597 mas/yr Proper Motion Dec: -25.056000026779657 mas/yr Parallax: 0.0093521" Epoch of Position: 2000		V=13.422		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	Acq 1 (STIS.ta.236 2400)	(17) WD2331-475	STIS/CCD, ACQ, F28X50LP	MIRROR				0.3 Secs (0.3 Secs)			
									[==>]		[1]	
	2	NUV Exposure 1 (STIS.sp.23 62401)	(17) WD2331-475	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=27 4			2000 Secs (2120 Secs)			
									[==>2120.0 Secs]		[1]	
	3	FUV Exposure 1 (STIS.sp.23 62402)	(17) WD2331-475	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=13 3			2000 Secs (2601 Secs)			
									[==>2601.0 Secs]		[2]	

