



11894 - NUV Detector Dark Monitor

Cycle: 17, Proposal Category: CAL/COS

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Thomas B. Ake (PI)	Computer Sciences Corporation	
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Dr. Charles D. Keyes (CoI)	Space Telescope Science Institute	
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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	DARK	COS/NUV	1	05-Mar-2009 21:01:30.0	yes
02	DARK	COS/NUV	1	05-Mar-2009 21:01:33.0	yes
03	DARK	COS/NUV	1	05-Mar-2009 21:01:34.0	yes
04	DARK	COS/NUV	1	05-Mar-2009 21:01:36.0	yes
05	DARK	COS/NUV	1	05-Mar-2009 21:01:37.0	yes
06	DARK	COS/NUV	1	05-Mar-2009 21:01:38.0	yes
07	DARK	COS/NUV	1	05-Mar-2009 21:01:39.0	yes
08	DARK	COS/NUV	1	05-Mar-2009 21:01:40.0	yes
09	DARK	COS/NUV	1	05-Mar-2009 21:01:41.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
0A	DARK	COS/NUV	1	05-Mar-2009 21:01:42.0	yes
0B	DARK	COS/NUV	1	05-Mar-2009 21:01:43.0	yes
0C	DARK	COS/NUV	1	05-Mar-2009 21:01:44.0	yes
0D	DARK	COS/NUV	1	05-Mar-2009 21:01:45.0	yes
0E	DARK	COS/NUV	1	05-Mar-2009 21:01:47.0	yes
0F	DARK	COS/NUV	1	05-Mar-2009 21:01:48.0	yes
0G	DARK	COS/NUV	1	05-Mar-2009 21:01:49.0	yes
0H	DARK	COS/NUV	1	05-Mar-2009 21:01:50.0	yes
0I	DARK	COS/NUV	1	05-Mar-2009 21:01:51.0	yes
0J	DARK	COS/NUV	1	05-Mar-2009 21:01:52.0	yes
0K	DARK	COS/NUV	1	05-Mar-2009 21:01:53.0	yes
0L	DARK	COS/NUV	1	05-Mar-2009 21:01:54.0	yes
0M	DARK	COS/NUV	1	05-Mar-2009 21:01:55.0	yes
0N	DARK	COS/NUV	1	05-Mar-2009 21:01:56.0	yes
0O	DARK	COS/NUV	1	05-Mar-2009 21:01:57.0	yes
0P	DARK	COS/NUV	1	05-Mar-2009 21:01:58.0	yes
0Q	DARK	COS/NUV	1	05-Mar-2009 21:01:59.0	yes
0R	DARK	COS/NUV	1	05-Mar-2009 21:02:00.0	yes
0S	DARK	COS/NUV	1	05-Mar-2009 21:02:01.0	yes
0T	DARK	COS/NUV	1	05-Mar-2009 21:02:02.0	yes
0U	DARK	COS/NUV	1	05-Mar-2009 21:02:03.0	yes
0V	DARK	COS/NUV	1	05-Mar-2009 21:02:04.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
0W	DARK	COS/NUV	1	05-Mar-2009 21:02:05.0	yes
0X	DARK	COS/NUV	1	05-Mar-2009 21:02:06.0	yes
0Y	DARK	COS/NUV	1	05-Mar-2009 21:02:07.0	yes
0Z	DARK	COS/NUV	1	05-Mar-2009 21:02:08.0	yes
10	DARK	COS/NUV	1	05-Mar-2009 21:02:09.0	yes
11	DARK	COS/NUV	1	05-Mar-2009 21:02:10.0	yes
12	DARK	COS/NUV	1	05-Mar-2009 21:02:11.0	yes
13	DARK	COS/NUV	1	05-Mar-2009 21:02:12.0	yes
14	DARK	COS/NUV	1	05-Mar-2009 21:02:13.0	yes
15	DARK	COS/NUV	1	05-Mar-2009 21:02:14.0	yes
16	DARK	COS/NUV	1	05-Mar-2009 21:02:15.0	yes
17	DARK	COS/NUV	1	05-Mar-2009 21:02:16.0	yes
18	DARK	COS/NUV	1	05-Mar-2009 21:02:17.0	yes
19	DARK	COS/NUV	1	05-Mar-2009 21:02:18.0	yes
1A	DARK	COS/NUV	1	05-Mar-2009 21:02:19.0	yes
1B	DARK	COS/NUV	1	05-Mar-2009 21:02:20.0	yes
1C	DARK	COS/NUV	1	05-Mar-2009 21:02:21.0	yes
1D	DARK	COS/NUV	1	05-Mar-2009 21:02:22.0	yes
1E	DARK	COS/NUV	1	05-Mar-2009 21:02:23.0	yes
1F	DARK	COS/NUV	1	05-Mar-2009 21:02:24.0	yes
1G	DARK	COS/NUV	1	05-Mar-2009 21:02:25.0	yes
1H	DARK	COS/NUV	1	05-Mar-2009 21:02:25.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
1I	DARK	COS/NUV	1	05-Mar-2009 21:02:26.0	yes
1J	DARK	COS/NUV	1	05-Mar-2009 21:02:27.0	yes
1K	DARK	COS/NUV	1	05-Mar-2009 21:02:28.0	yes
1L	DARK	COS/NUV	1	05-Mar-2009 21:02:29.0	yes
1M	DARK	COS/NUV	1	05-Mar-2009 21:02:30.0	yes
1N	DARK	COS/NUV	1	05-Mar-2009 21:02:31.0	yes
1O	DARK	COS/NUV	1	05-Mar-2009 21:02:32.0	yes
1P	DARK	COS/NUV	1	05-Mar-2009 21:02:33.0	yes
1Q	DARK	COS/NUV	1	05-Mar-2009 21:02:34.0	yes
1R	DARK	COS/NUV	1	05-Mar-2009 21:02:35.0	yes
1S	DARK	COS/NUV	1	05-Mar-2009 21:02:36.0	yes
1T	DARK	COS/NUV	1	05-Mar-2009 21:02:37.0	yes
1U	DARK	COS/NUV	1	05-Mar-2009 21:02:38.0	yes
1V	DARK	COS/NUV	1	05-Mar-2009 21:02:39.0	yes
1W	DARK	COS/NUV	1	05-Mar-2009 21:02:40.0	yes
1X	DARK	COS/NUV	1	05-Mar-2009 21:02:41.0	yes
1Y	DARK	COS/NUV	1	05-Mar-2009 21:02:42.0	yes
1Z	DARK	COS/NUV	1	05-Mar-2009 21:02:43.0	yes
20	DARK	COS/NUV	1	05-Mar-2009 21:02:44.0	yes
21	DARK	COS/NUV	1	05-Mar-2009 21:02:45.0	yes
22	DARK	COS/NUV	1	05-Mar-2009 21:02:46.0	yes
23	DARK	COS/NUV	1	05-Mar-2009 21:02:46.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
24	DARK	COS/NUV	1	05-Mar-2009 21:02:47.0	yes
25	DARK	COS/NUV	1	05-Mar-2009 21:02:48.0	yes
26	DARK	COS/NUV	1	05-Mar-2009 21:02:49.0	yes
27	DARK	COS/NUV	1	05-Mar-2009 21:02:50.0	yes
28	DARK	COS/NUV	1	05-Mar-2009 21:02:51.0	yes
29	DARK	COS/NUV	1	05-Mar-2009 21:02:52.0	yes
2A	DARK	COS/NUV	1	05-Mar-2009 21:02:53.0	yes
2B	DARK	COS/NUV	1	05-Mar-2009 21:02:54.0	yes
2C	DARK	COS/NUV	1	05-Mar-2009 21:02:55.0	yes
2D	DARK	COS/NUV	1	05-Mar-2009 21:02:56.0	yes
2E	DARK	COS/NUV	1	05-Mar-2009 21:02:57.0	yes
2F	DARK	COS/NUV	1	05-Mar-2009 21:02:58.0	yes
2G	DARK	COS/NUV	1	05-Mar-2009 21:02:59.0	yes
2H	DARK	COS/NUV	1	05-Mar-2009 21:02:59.0	yes
2I	DARK	COS/NUV	1	05-Mar-2009 21:03:00.0	yes
2J	DARK	COS/NUV	1	05-Mar-2009 21:03:01.0	yes
2K	DARK	COS/NUV	1	05-Mar-2009 21:03:02.0	yes
2L	DARK	COS/NUV	1	05-Mar-2009 21:03:03.0	yes
2M	DARK	COS/NUV	1	05-Mar-2009 21:03:04.0	yes
2N	DARK	COS/NUV	1	05-Mar-2009 21:03:05.0	yes
2O	DARK	COS/NUV	1	05-Mar-2009 21:03:06.0	yes
2P	DARK	COS/NUV	1	05-Mar-2009 21:03:07.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
2Q	DARK	COS/NUV	1	05-Mar-2009 21:03:08.0	yes
2R	DARK	COS/NUV	1	05-Mar-2009 21:03:08.0	yes
2S	DARK	COS/NUV	1	05-Mar-2009 21:03:09.0	yes
2T	DARK	COS/NUV	1	05-Mar-2009 21:03:10.0	yes
2U	DARK	COS/NUV	1	05-Mar-2009 21:03:11.0	yes
2V	DARK	COS/NUV	1	05-Mar-2009 21:03:12.0	yes
2W	DARK	COS/NUV	1	05-Mar-2009 21:03:13.0	yes
2X	DARK	COS/NUV	1	05-Mar-2009 21:03:14.0	yes
2Y	DARK	COS/NUV	1	05-Mar-2009 21:03:15.0	yes
2Z	DARK	COS/NUV	1	05-Mar-2009 21:03:16.0	yes
30	DARK	COS/NUV	1	05-Mar-2009 21:03:16.0	yes
31	DARK	COS/NUV	1	05-Mar-2009 21:03:17.0	yes
32	DARK	COS/NUV	1	05-Mar-2009 21:03:18.0	yes
33	DARK	COS/NUV	1	05-Mar-2009 21:03:19.0	yes
34	DARK	COS/NUV	1	05-Mar-2009 21:03:20.0	yes
35	DARK	COS/NUV	1	05-Mar-2009 21:03:21.0	yes
36	DARK	COS/NUV	1	05-Mar-2009 21:03:22.0	yes
37	DARK	COS/NUV	1	05-Mar-2009 21:03:23.0	yes
38	DARK	COS/NUV	1	05-Mar-2009 21:03:24.0	yes
39	DARK	COS/NUV	1	05-Mar-2009 21:03:24.0	yes
3A	DARK	COS/NUV	1	05-Mar-2009 21:03:25.0	yes
3B	DARK	COS/NUV	1	05-Mar-2009 21:03:26.0	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>
3C	DARK	COS/NUV	1	05-Mar-2009 21:03:27.0	yes
3D	DARK	COS/NUV	1	05-Mar-2009 21:03:28.0	yes
3E	DARK	COS/NUV	1	05-Mar-2009 21:03:29.0	yes
3F	DARK	COS/NUV	1	05-Mar-2009 21:03:30.0	yes
3G	DARK	COS/NUV	1	05-Mar-2009 21:03:31.0	yes
3H	DARK	COS/NUV	1	05-Mar-2009 21:03:32.0	yes
3I	DARK	COS/NUV	1	05-Mar-2009 21:03:33.0	yes
3J	DARK	COS/NUV	1	05-Mar-2009 21:03:33.0	yes
3K	DARK	COS/NUV	1	05-Mar-2009 21:03:34.0	yes
3L	DARK	COS/NUV	1	05-Mar-2009 21:03:35.0	yes
3M	DARK	COS/NUV	1	05-Mar-2009 21:03:36.0	yes

130 Total Orbits Used

ABSTRACT

Measure the NUV detector dark rate by taking long science exposures with no light on the detector. The detector dark rate and spatial distribution of counts will be compared to pre-launch and SMOV data in order to verify the nominal operation of the detector. Variations of count rate as a function of orbital position will be analyzed to find dependence of dark rate on proximity to the SAA. Dependence of dark rate as function of time will also be tracked.

OBSERVING DESCRIPTION

Monitor the NUV detector dark rate by taking TIME-TAG science exposures without illuminating the detector. Two times a week a 22-min exposure is taken with the NUV (MAMA) detector with the shutter closed. The length of the exposures is chosen to make them fit in Earth occultations.

ADDITIONAL COMMENTS

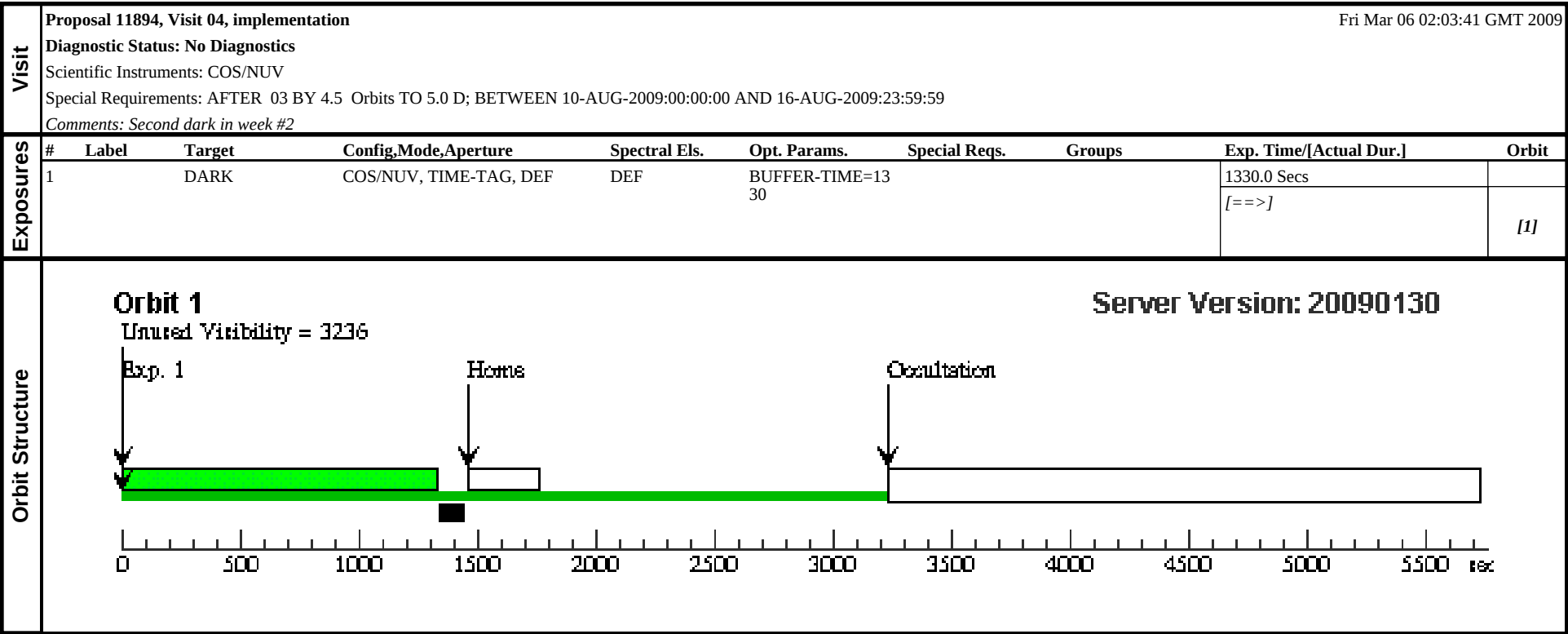
As to scheduling the individual visits, experience with the STIS NUV-MAMA shows that detector temperatures systematically increase while the MAMA is turned on between SAA-impacted orbits, and decreases when the MAMA is turned off for SAA passages. Hence, some effort should be made to ensure that the darks are distributed over the daily cycle of MAMA operations, i.e., that they don't tend to systematically clump together just after turnon or just before turnoff.

Proposal 11894 - Visit 01 - NUV Detector Dark Monitor

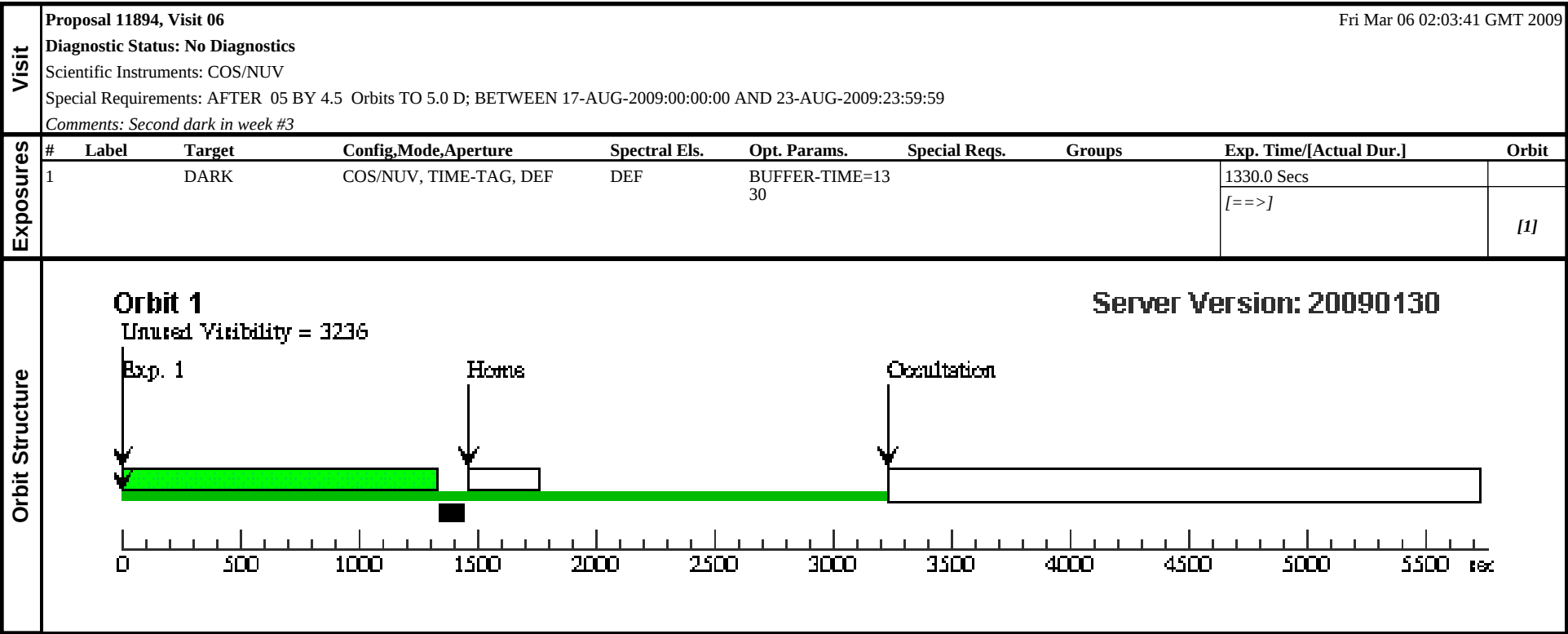
Visit	Proposal 11894, Visit 01, implementation										Fri Mar 06 02:03:40 GMT 2009
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV										
	Special Requirements: BETWEEN 03-AUG-2009:00:00:00 AND 09-AUG-2009:23:59:59										
	Comments: First dark in week #1										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs		
									[==>]	[1]	
Orbit Structure	Orbit 1 Unused Visibility = 3236 Exp. 1 Home Occultation 050010001500200025003000350040004500500055006000sec										
	Server Version: 20090130										

Visit	Proposal 11894, Visit 02, implementation										Fri Mar 06 02:03:40 GMT 2009	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/NUV											
	Special Requirements: AFTER 01 BY 4.5 Orbits TO 5.0 D; BETWEEN 03-AUG-2009:00:00:00 AND 09-AUG-2009:23:59:59											
Comments: Second dark in week #1												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs			
									[==>]		[1]	
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation 											Server Version: 20090130
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec											

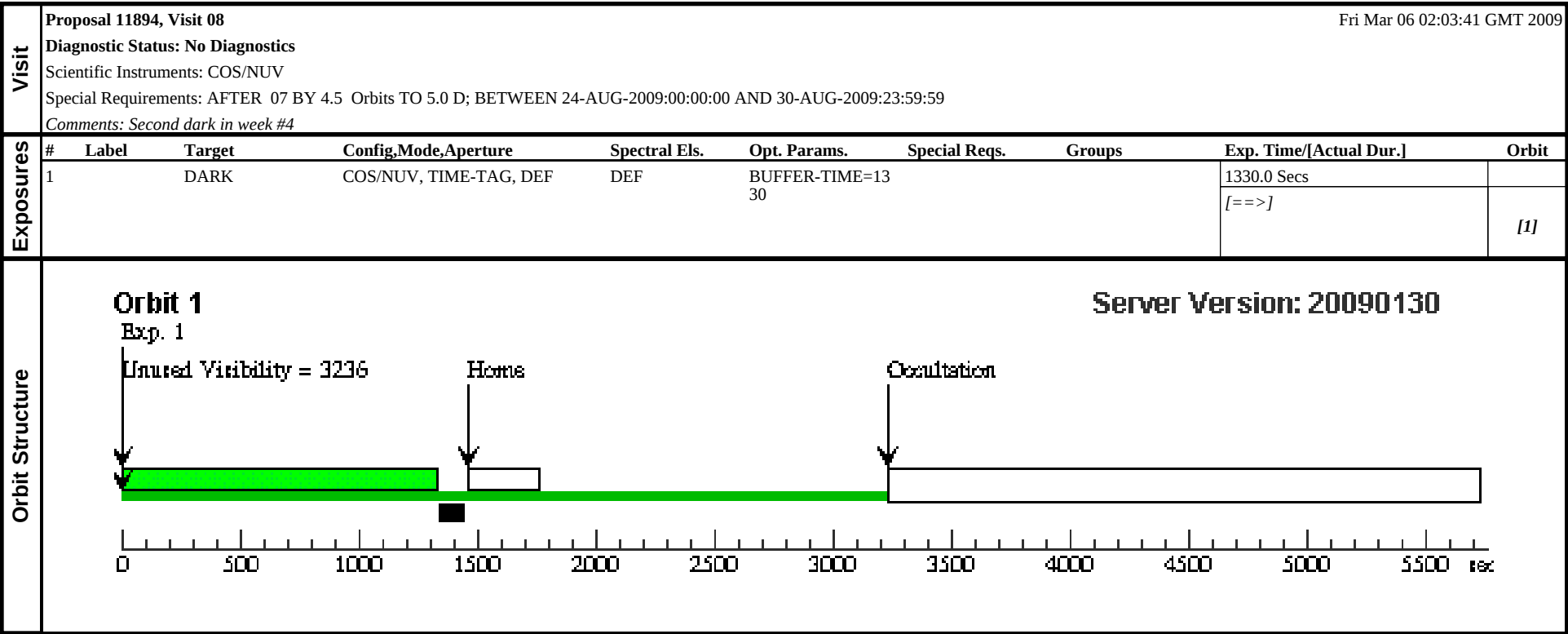
Visit	Proposal 11894, Visit 03, implementation										Fri Mar 06 02:03:40 GMT 2009
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV										
	Special Requirements: BETWEEN 10-AUG-2009:00:00:00 AND 16-AUG-2009:23:59:59										
Comments: First dark in week #2											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs		
										[==>]	[1]
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation  05001000150020002500300035004000450050005500 sec										
	Server Version: 20090130										

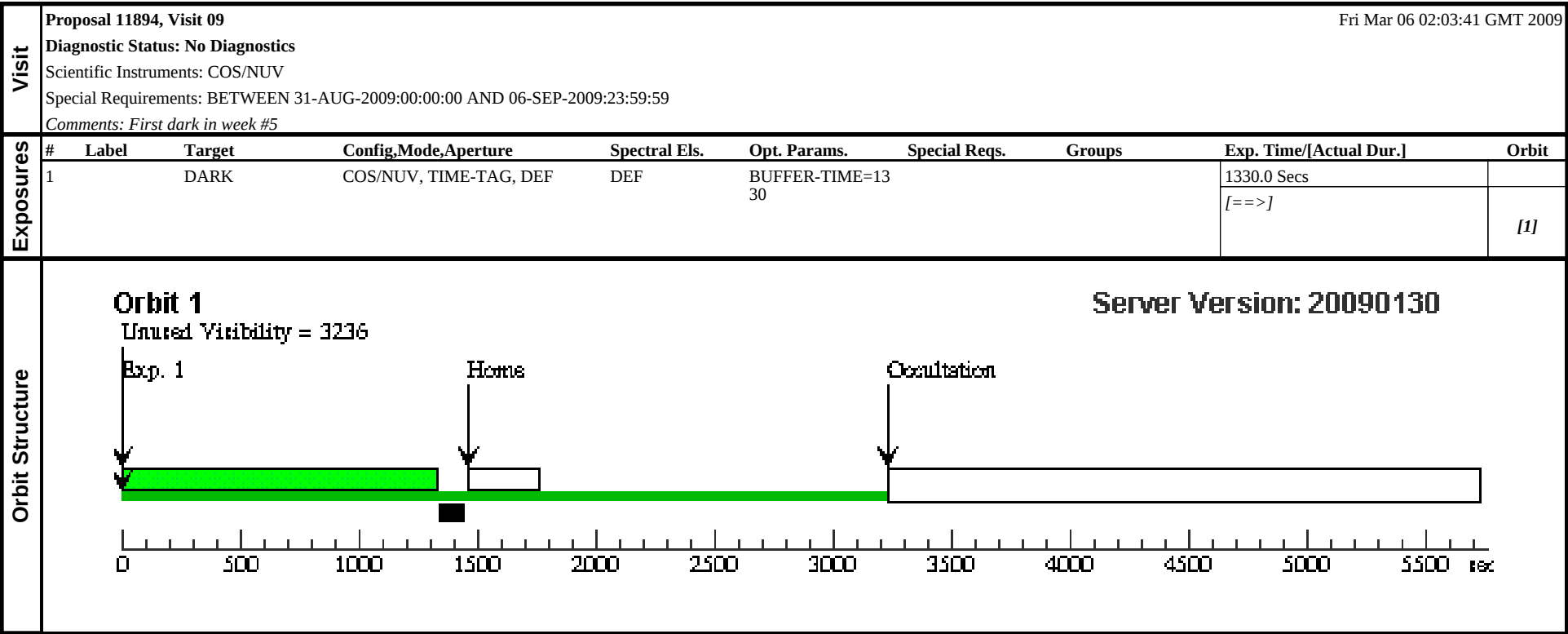


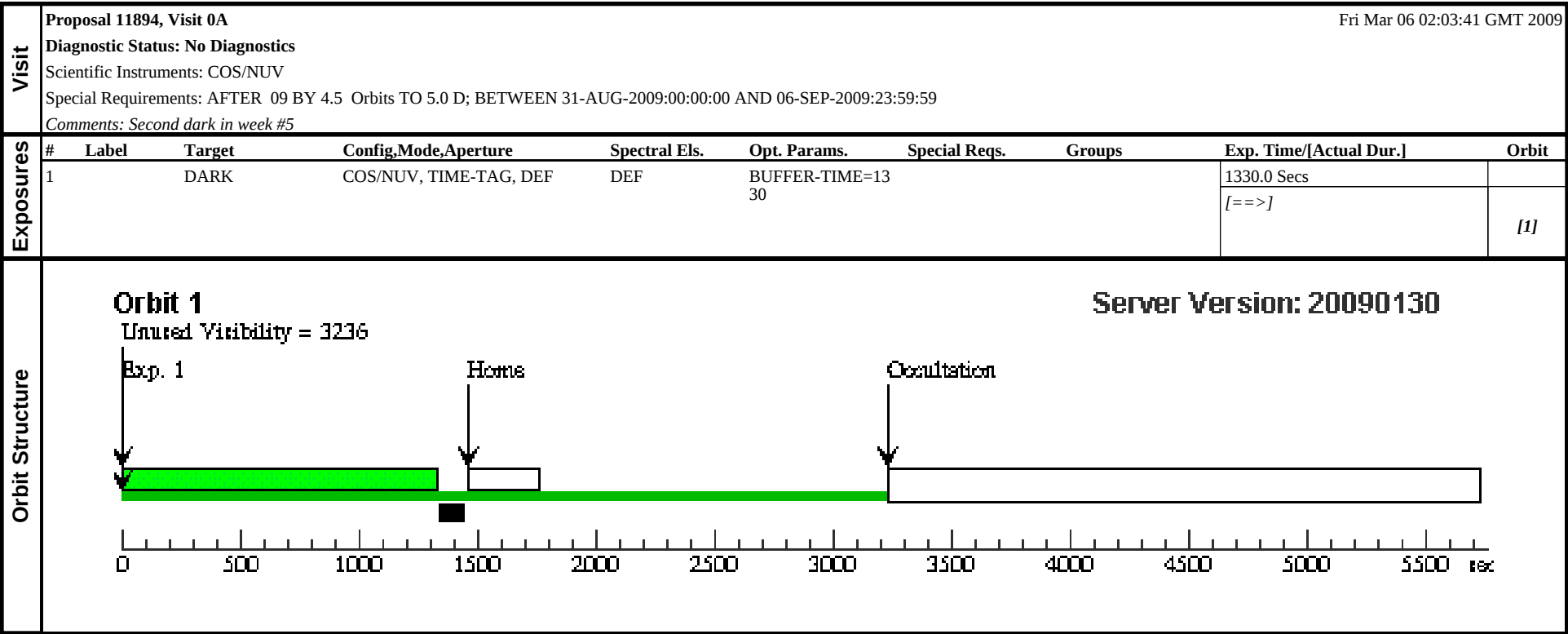
Visit	Proposal 11894, Visit 05 Fri Mar 06 02:03:41 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: BETWEEN 17-AUG-2009:00:00:00 AND 23-AUG-2009:23:59:59 <i>Comments: First dark in week #3</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs [==>]	[1]
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation Server Version: 20090130									

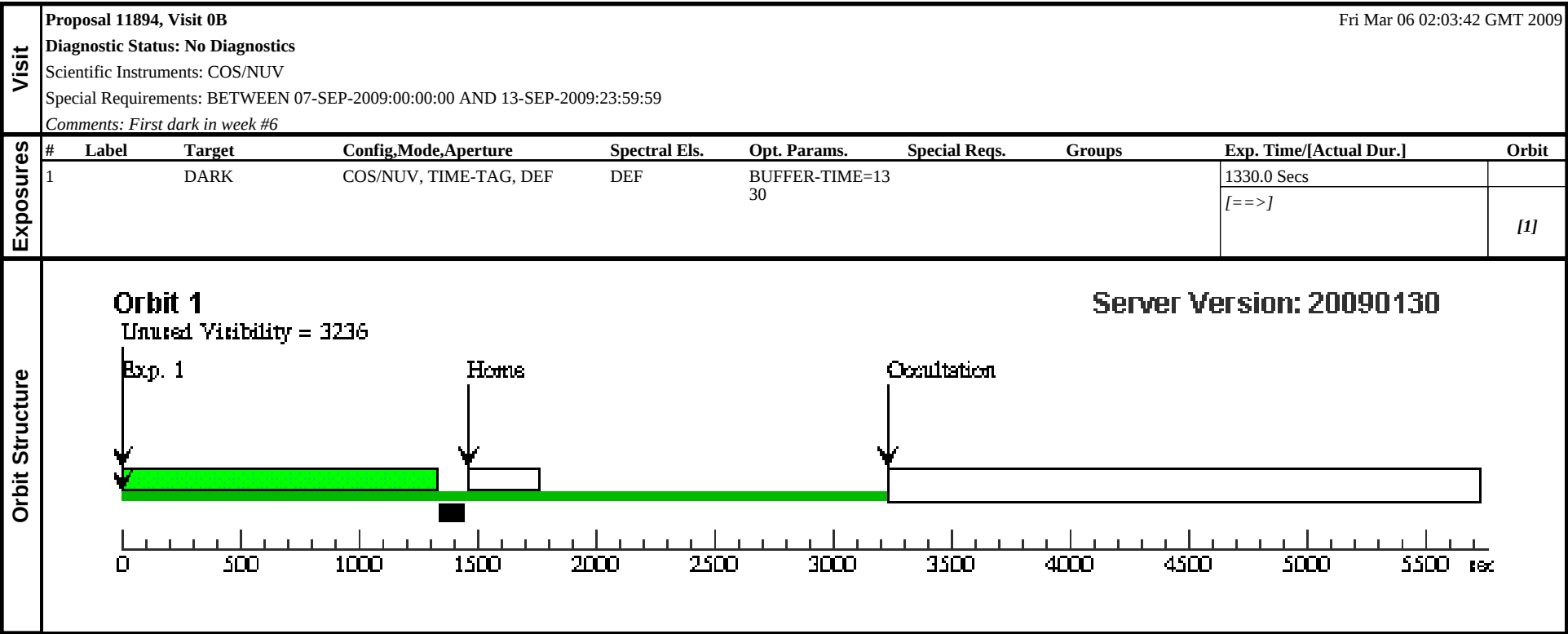


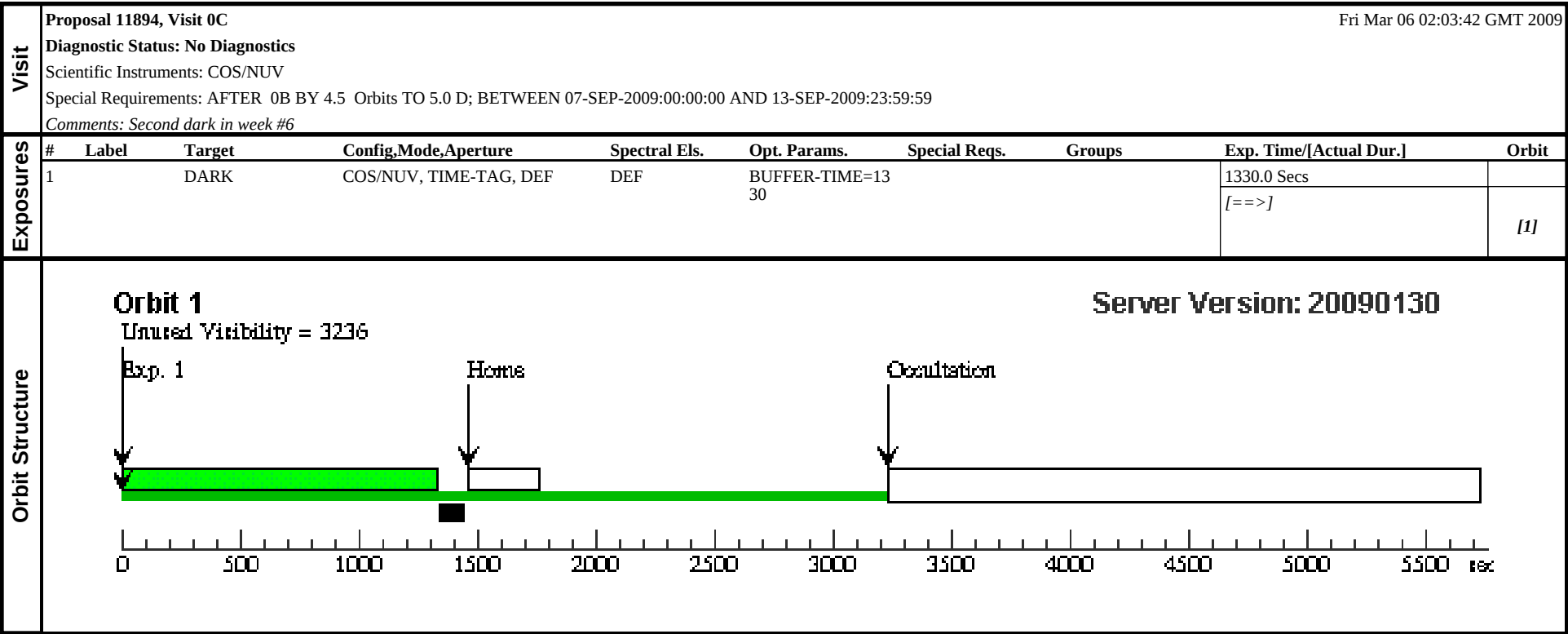
Visit	Proposal 11894, Visit 07 Fri Mar 06 02:03:41 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: BETWEEN 24-AUG-2009:00:00:00 AND 30-AUG-2009:23:59:59 <i>Comments: First dark in week #4</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs [==>]	[1]
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation Server Version: 20090130									

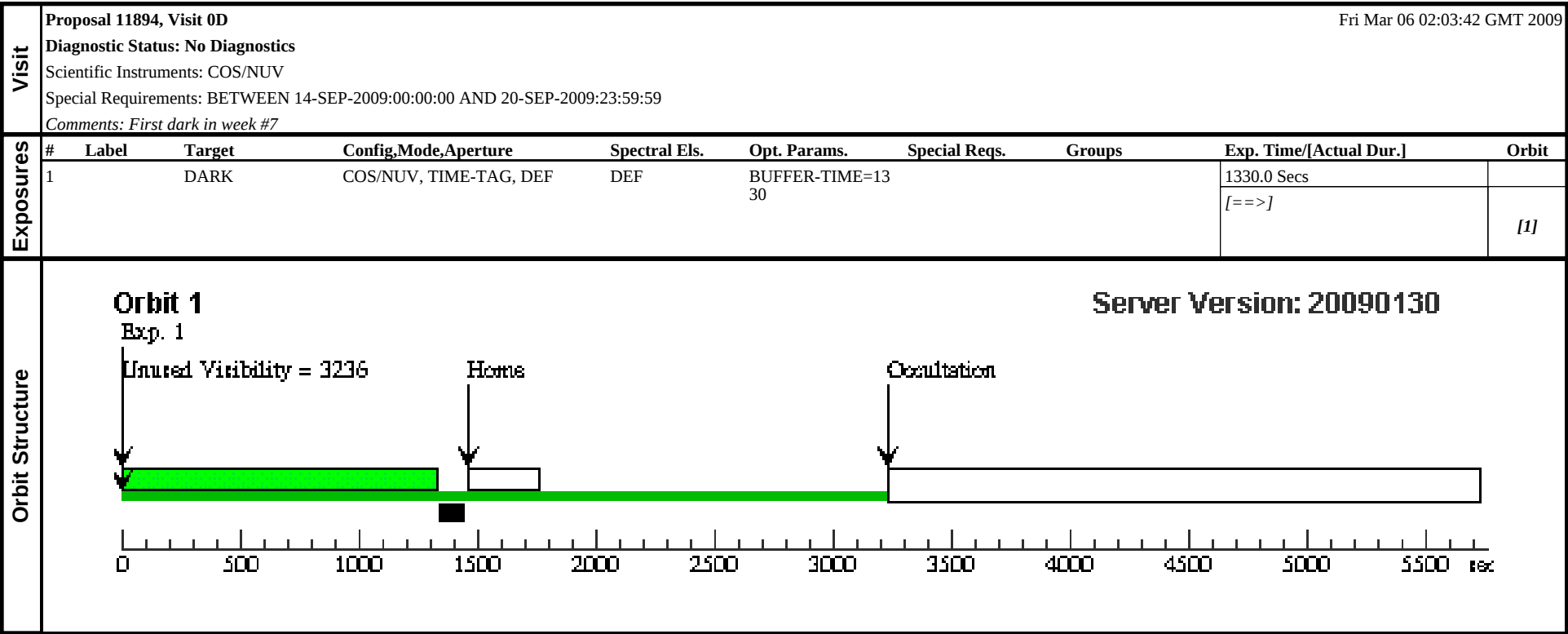


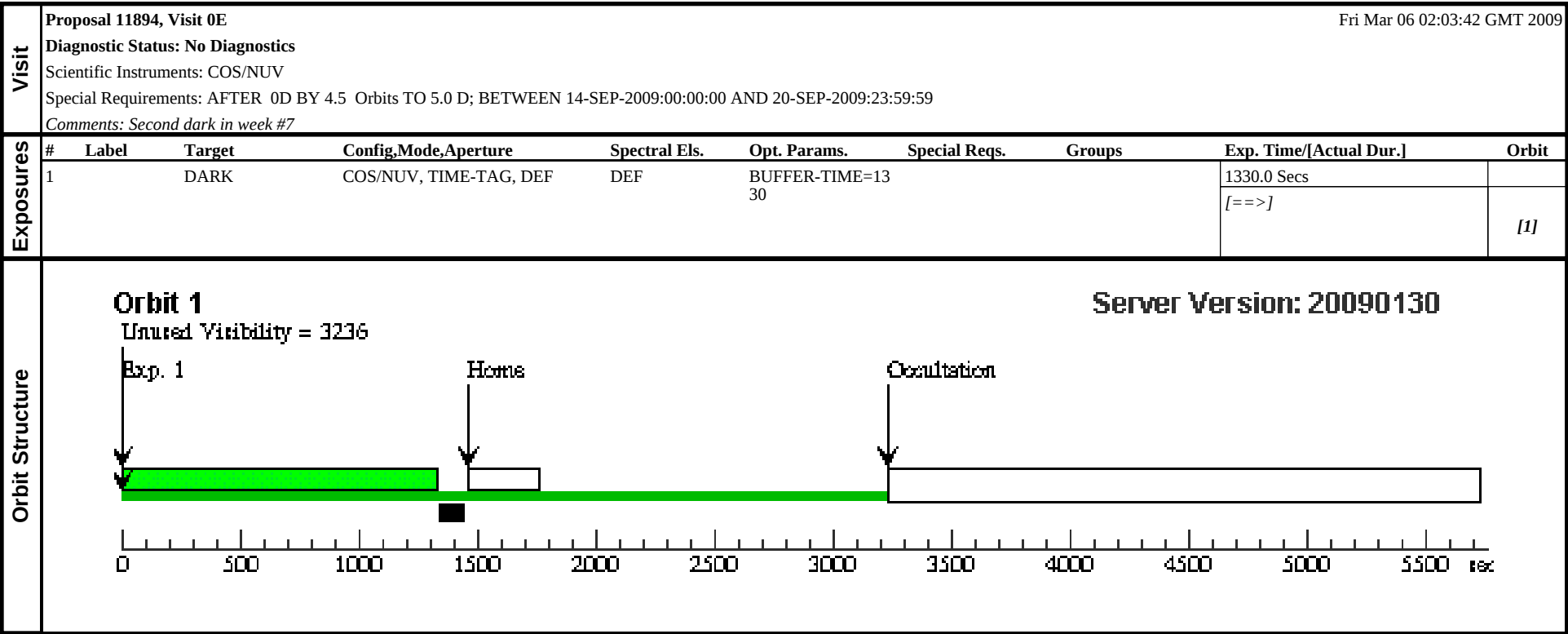


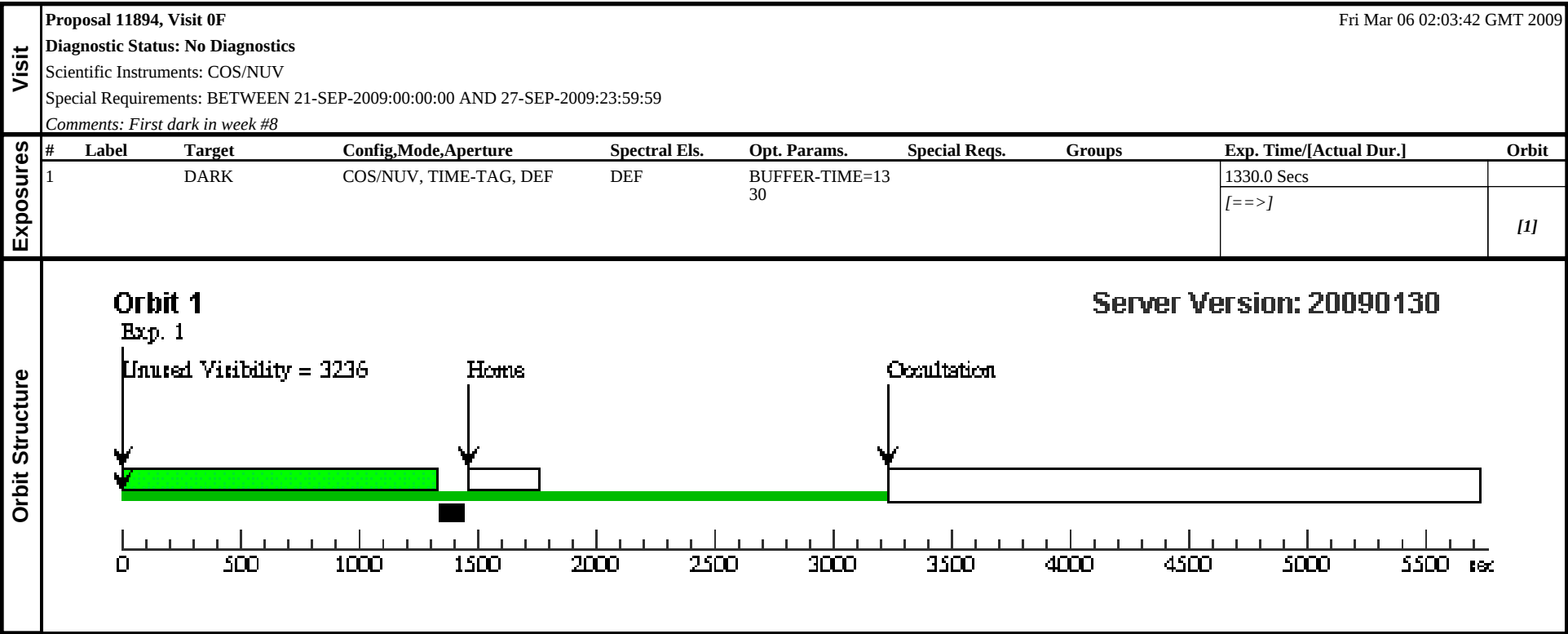


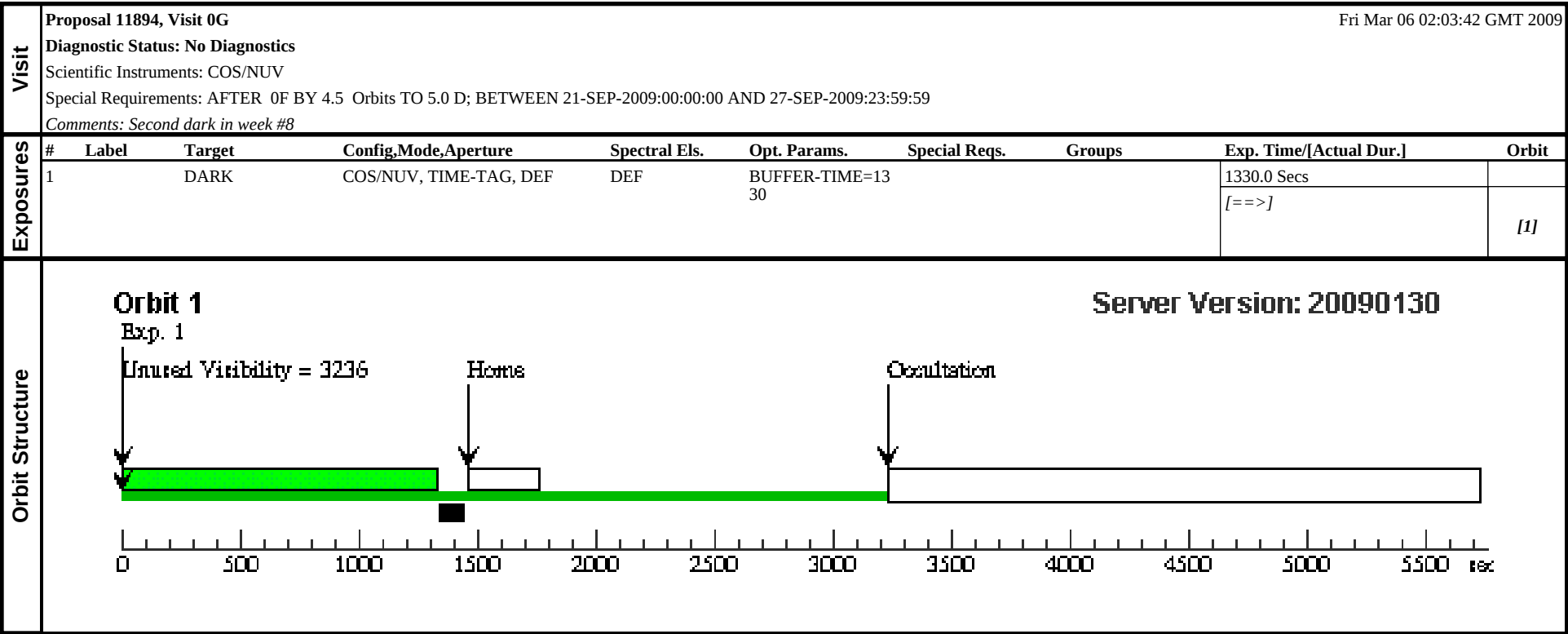


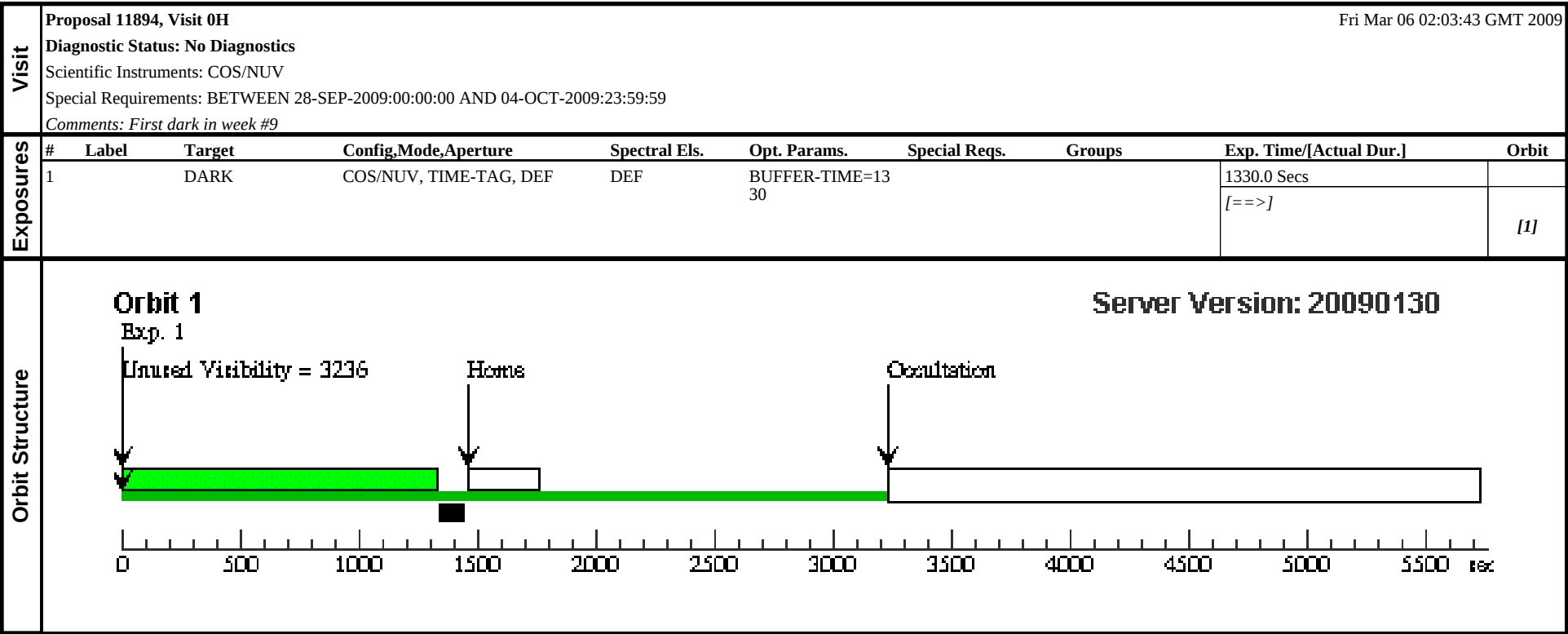


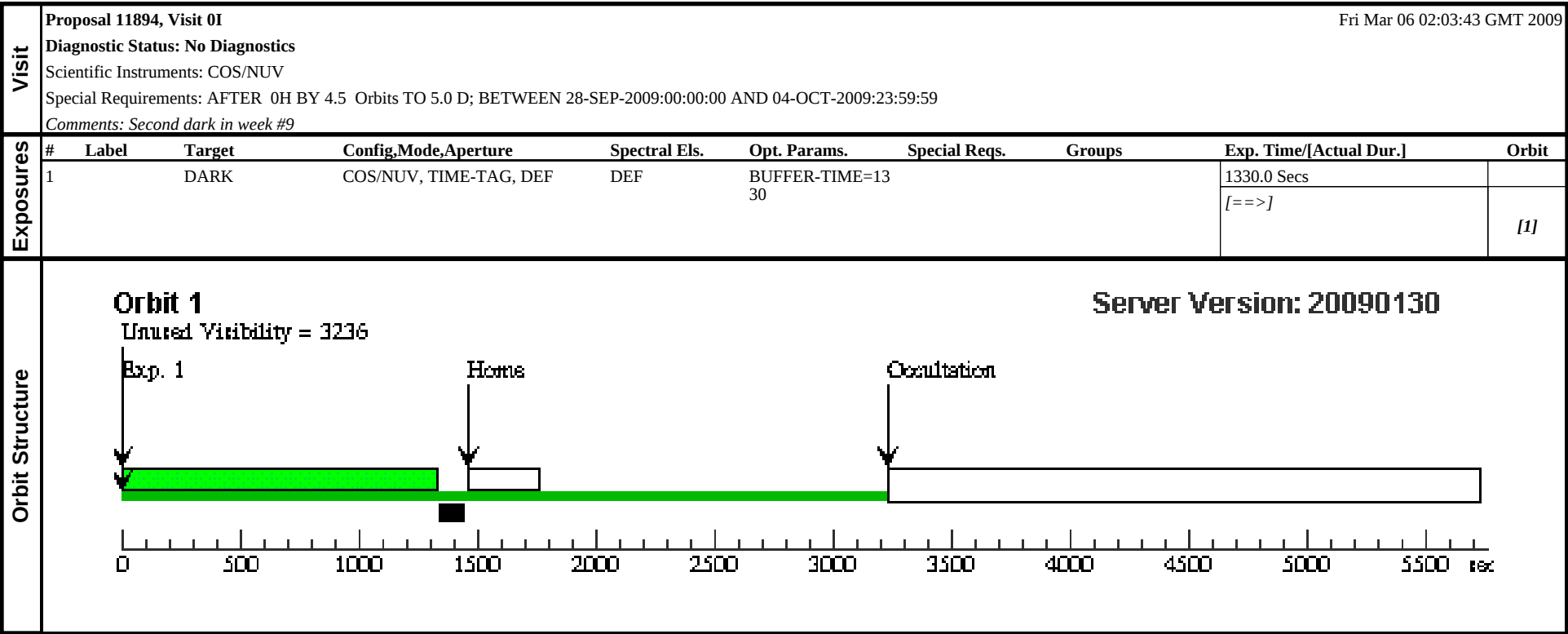


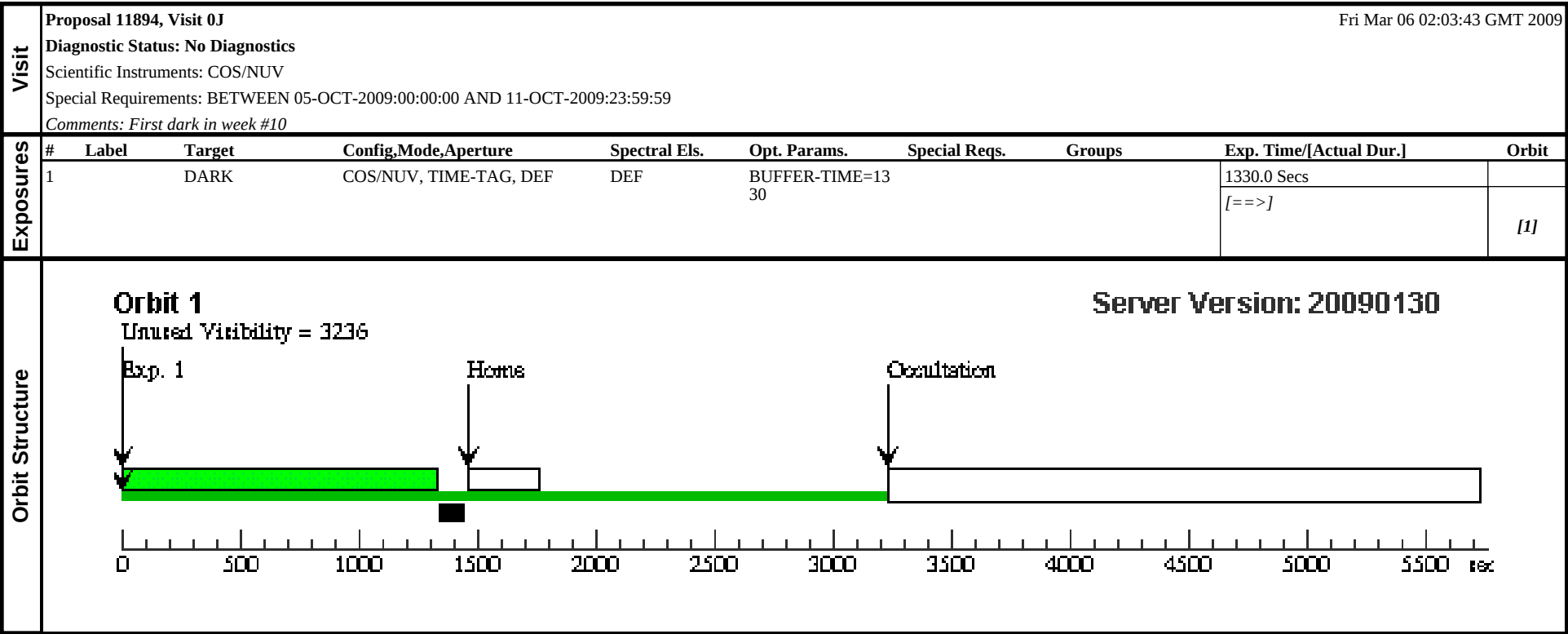


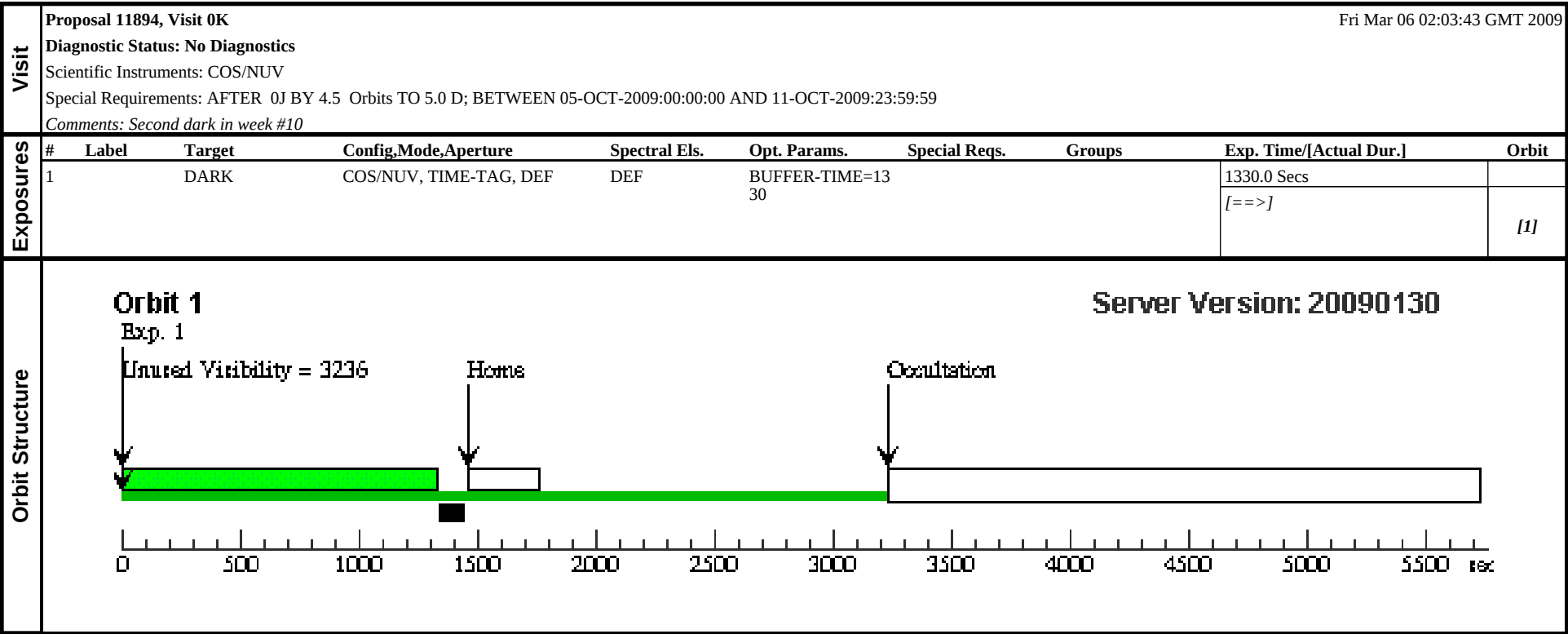


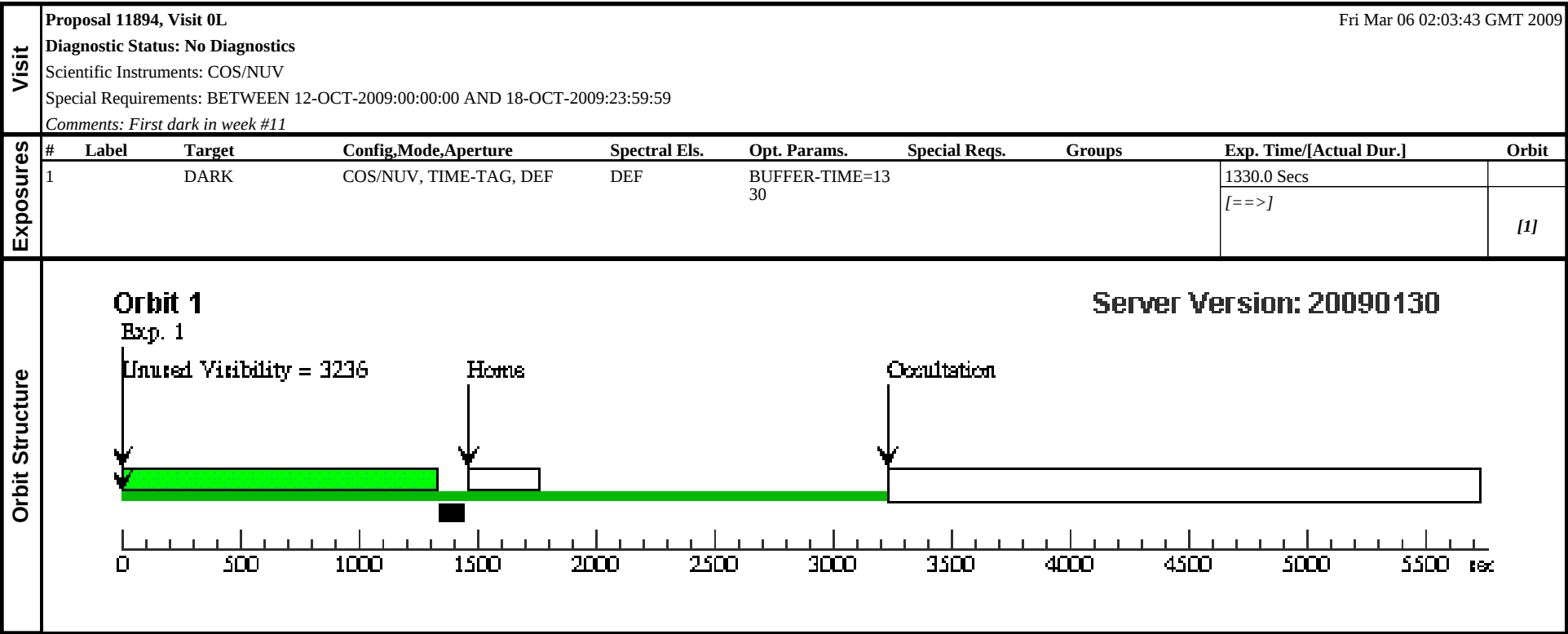


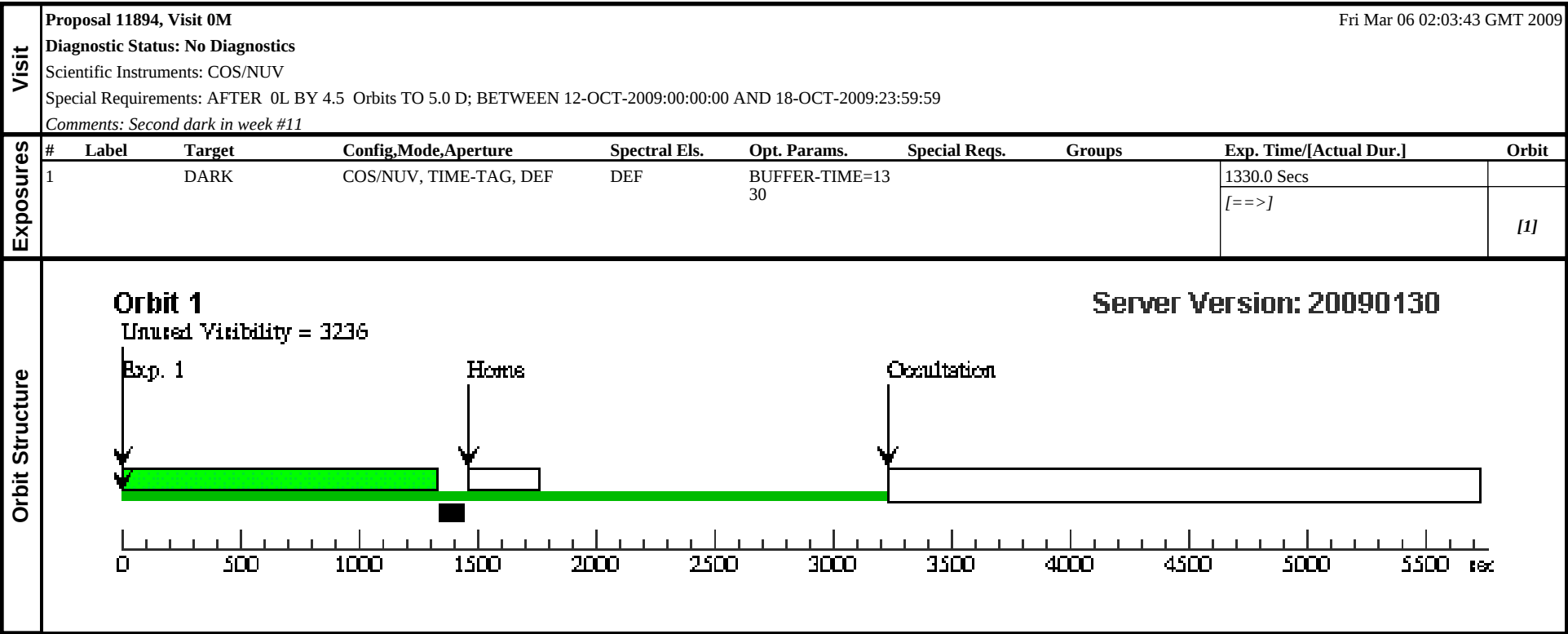


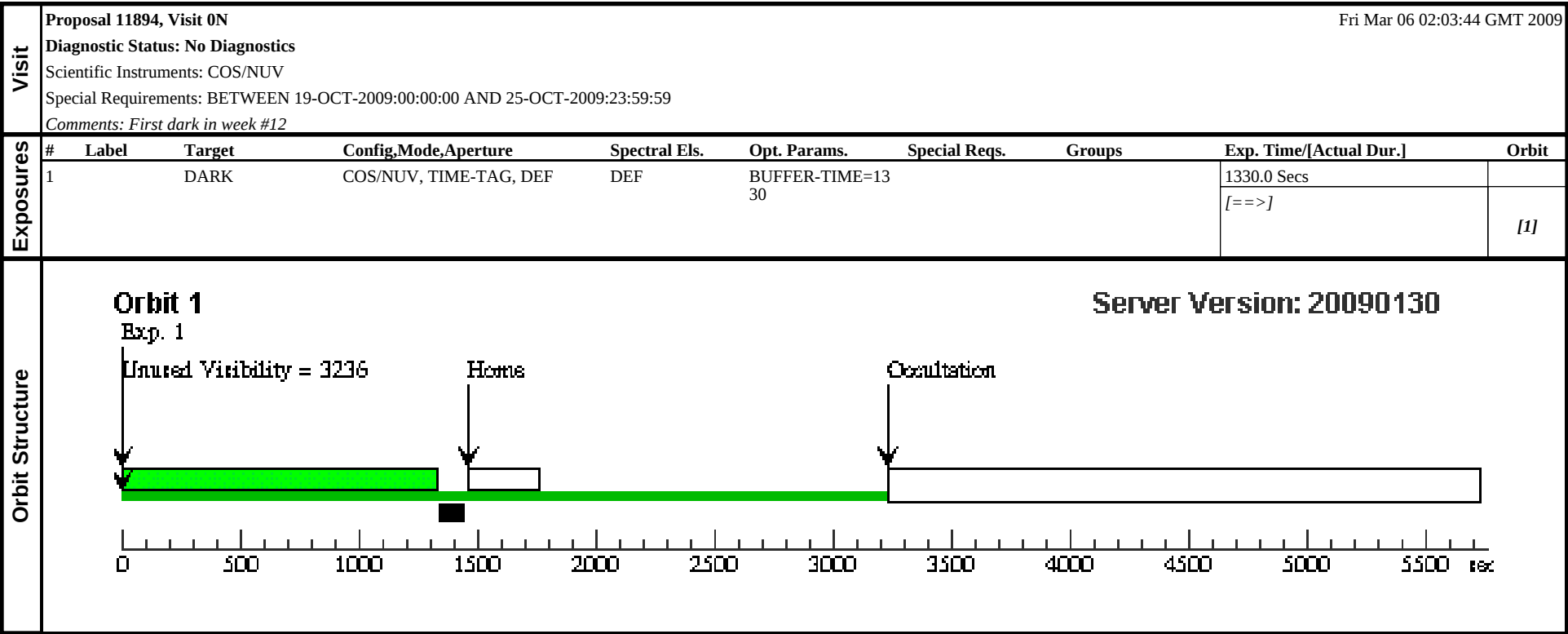


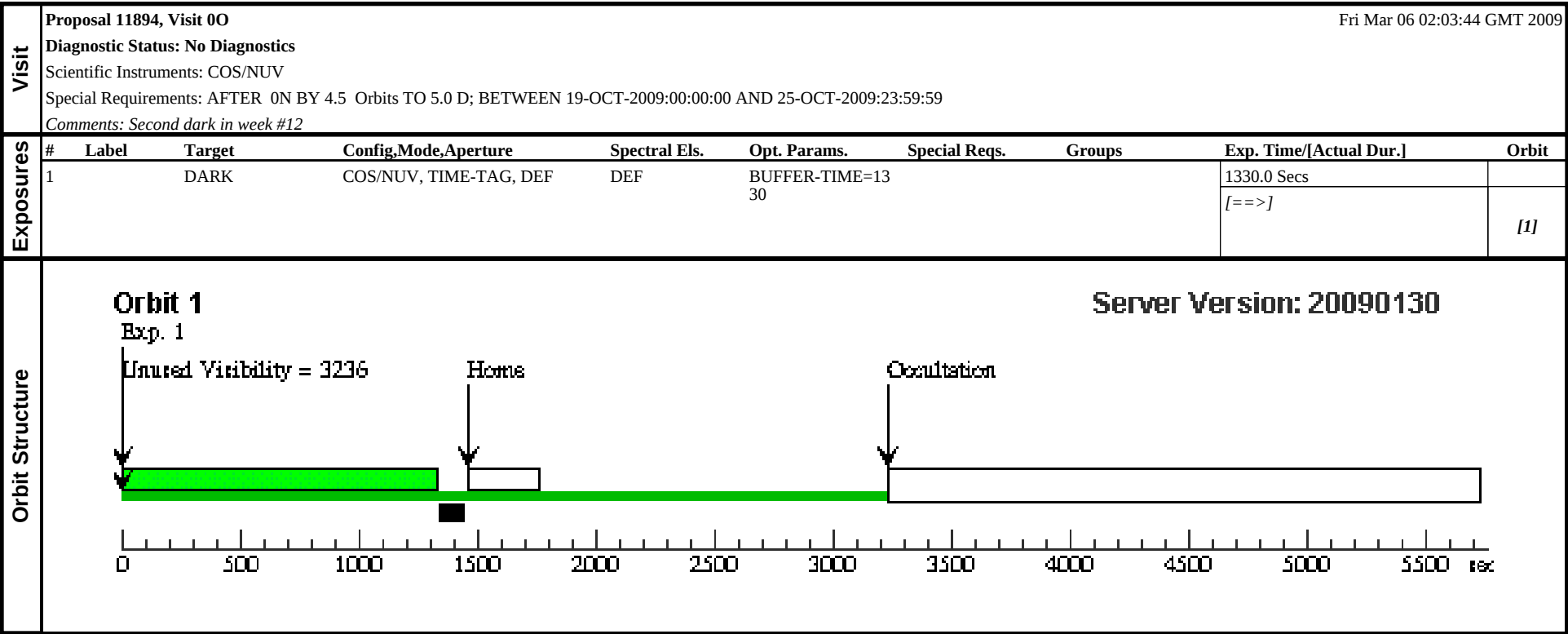








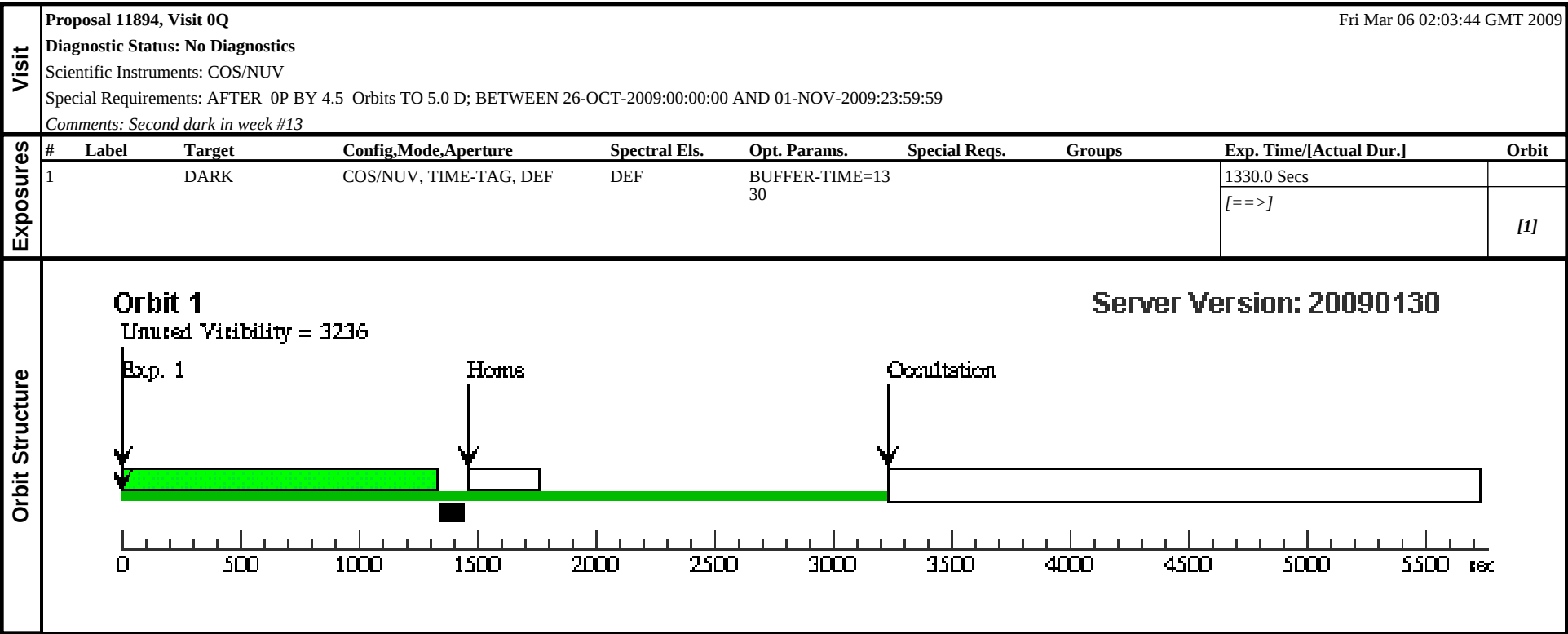




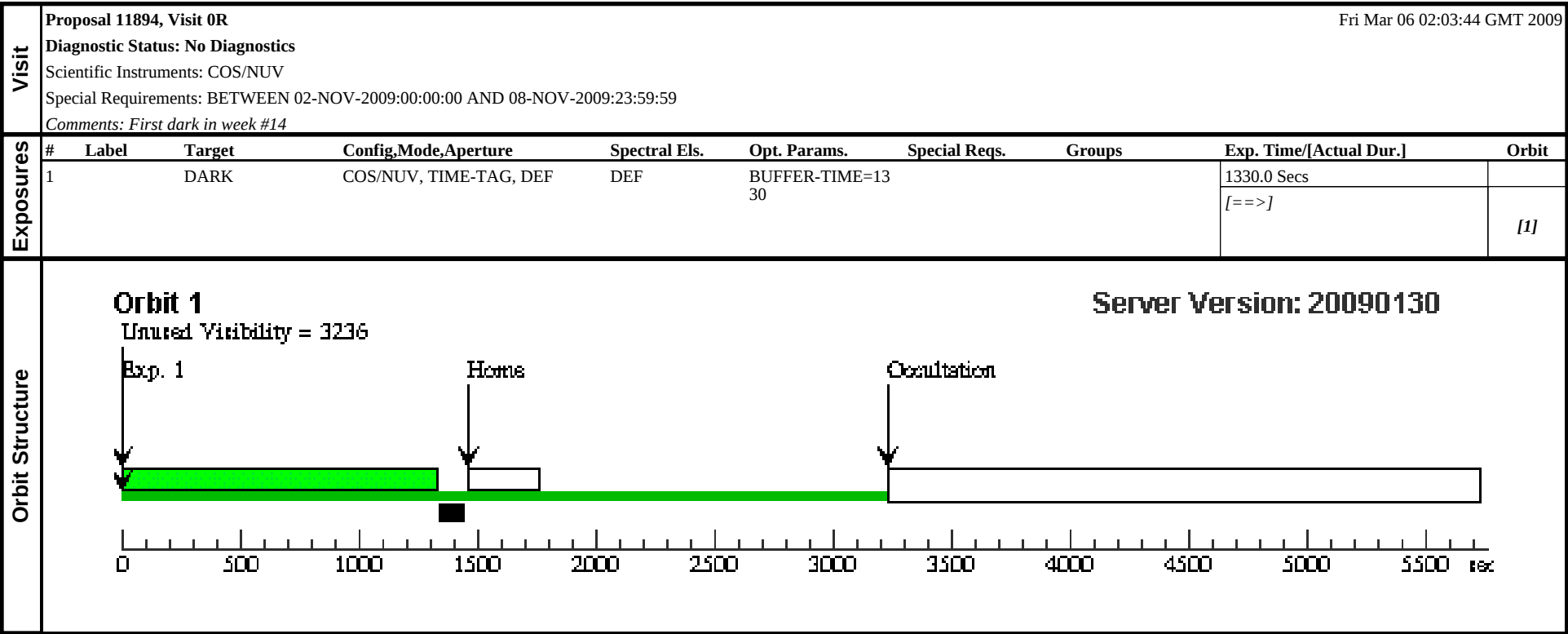
Proposal 11894 - Visit 0P - NUV Detector Dark Monitor

Visit	Proposal 11894, Visit 0P									Fri Mar 06 02:03:44 GMT 2009
	Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: BETWEEN 26-OCT-2009:00:00:00 AND 01-NOV-2009:23:59:59 <i>Comments: First dark in week #13</i>									
Exposures	#	Label	Target	Config,Mode,Aperature	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs [==>]	[1]
Orbit Structure	Server Version: 20090130 The diagram illustrates the timing of exposures during Orbit 1. The horizontal axis represents time in seconds, ranging from 0 to 5500. A continuous green bar shows the duration of the observation. Key features include: Unused Visibility = 3236: Indicated by a vertical arrow pointing to the start of the exposure sequence. Horns: A specific event or feature occurring around 1400 seconds. Occultation: A period where observations are blocked, starting around 3200 seconds.									

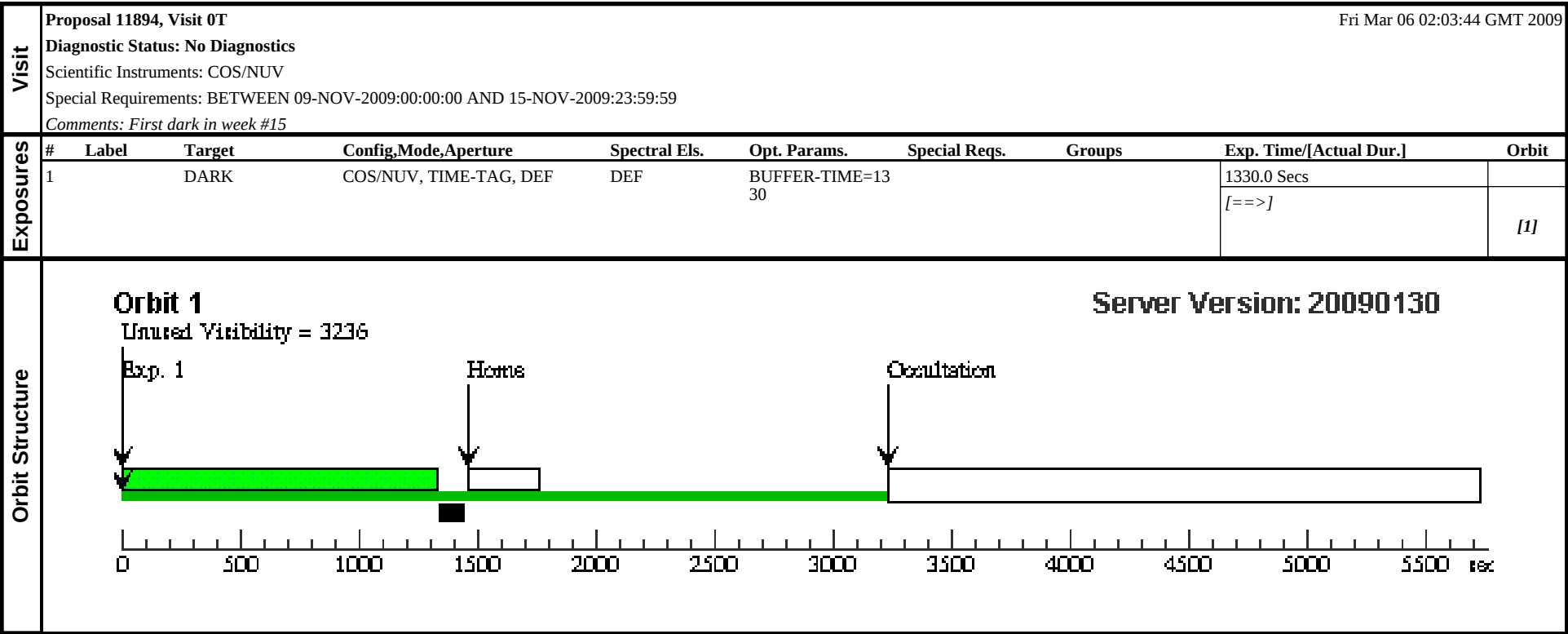
Proposal 11894 - Visit 0Q - NUV Detector Dark Monitor

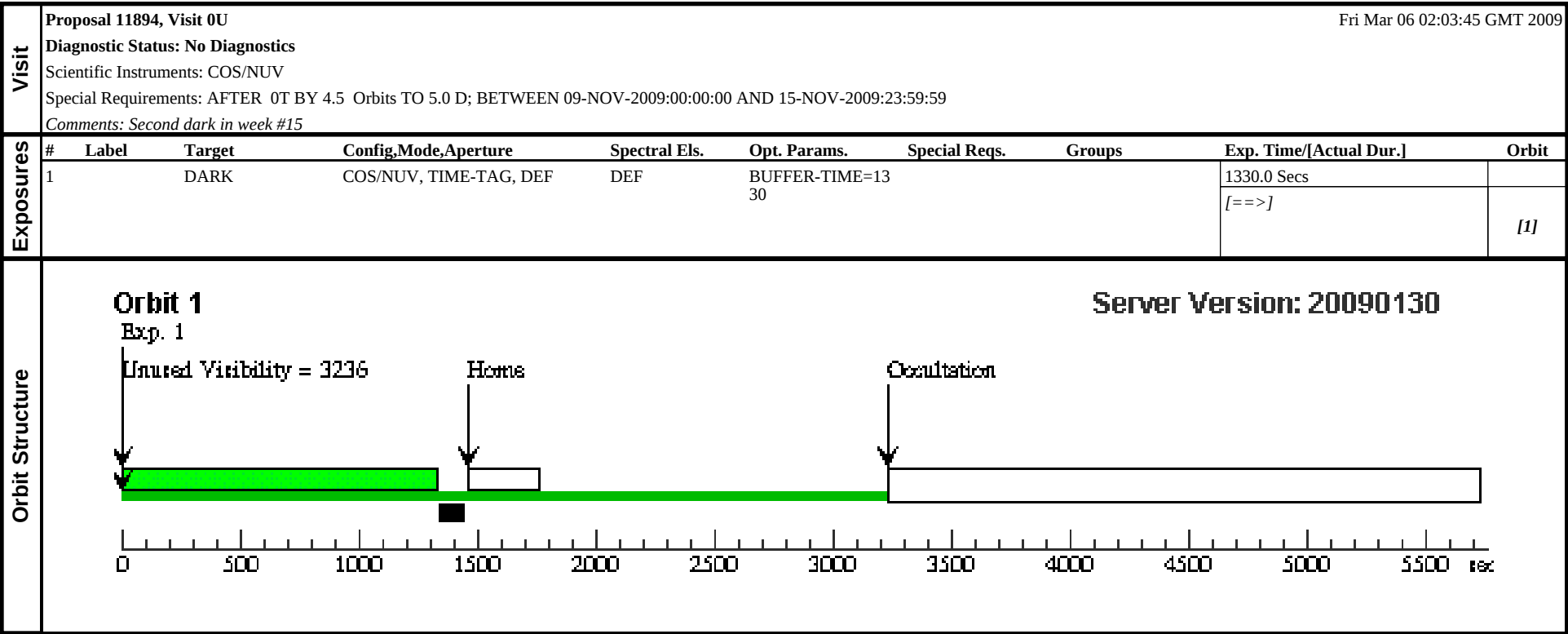


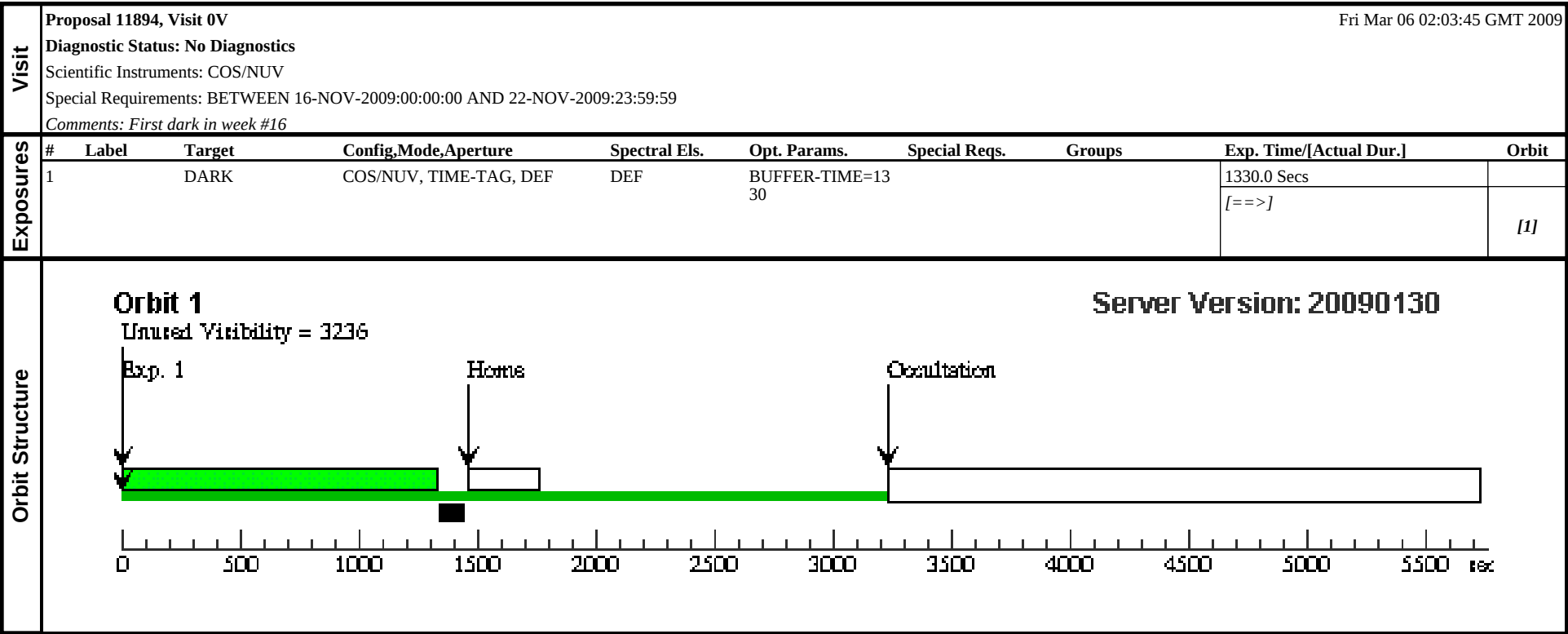
Proposal 11894 - Visit 0R - NUV Detector Dark Monitor



Visit	Proposal 11894, Visit 0S										Fri Mar 06 02:03:44 GMT 2009
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV										
	Special Requirements: AFTER 0R BY 4.5 Orbits TO 5.0 D; BETWEEN 02-NOV-2009:00:00:00 AND 08-NOV-2009:23:59:59										
	Comments: Second dark in week #14										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs		
									[==>]	[1]	
Orbit Structure	Orbit 1 Unused Visibility = 3236 Exp. 1 Home Occultation Server Version: 20090130										
	050010001500200025003000350040004500500055006000 sec										



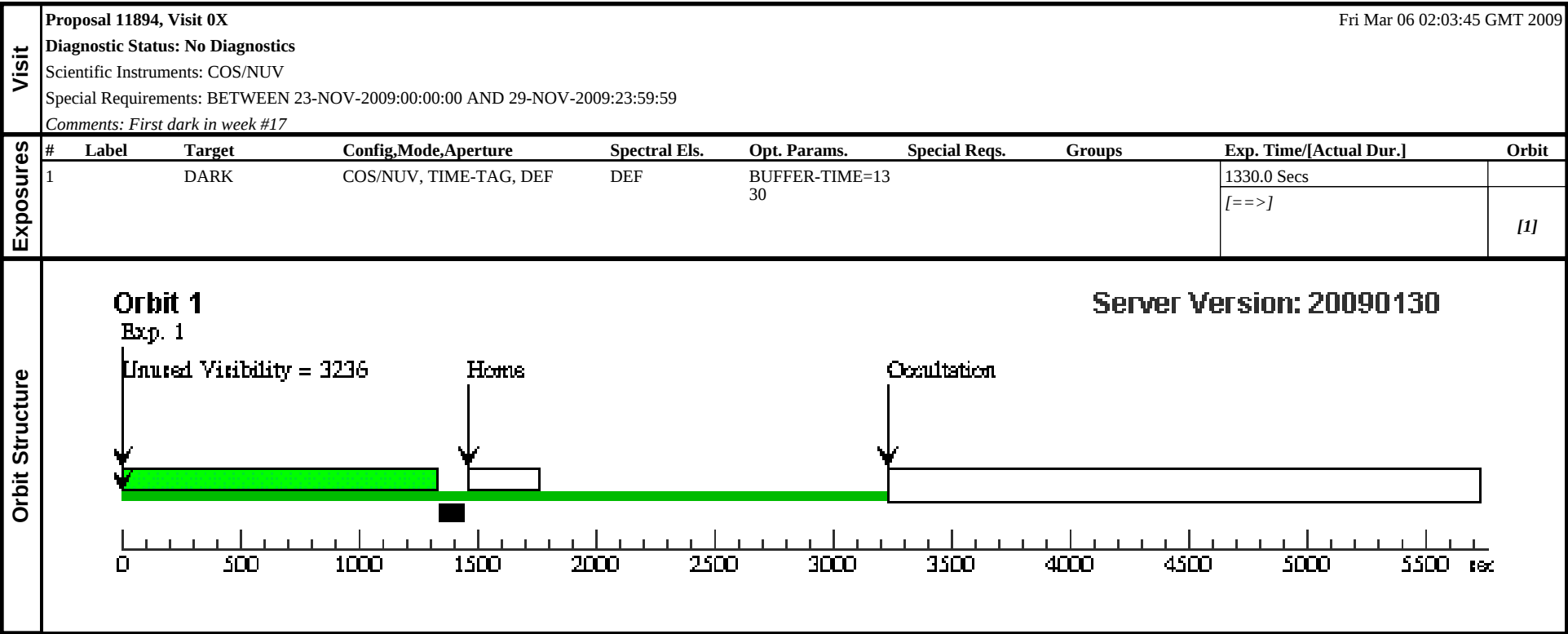


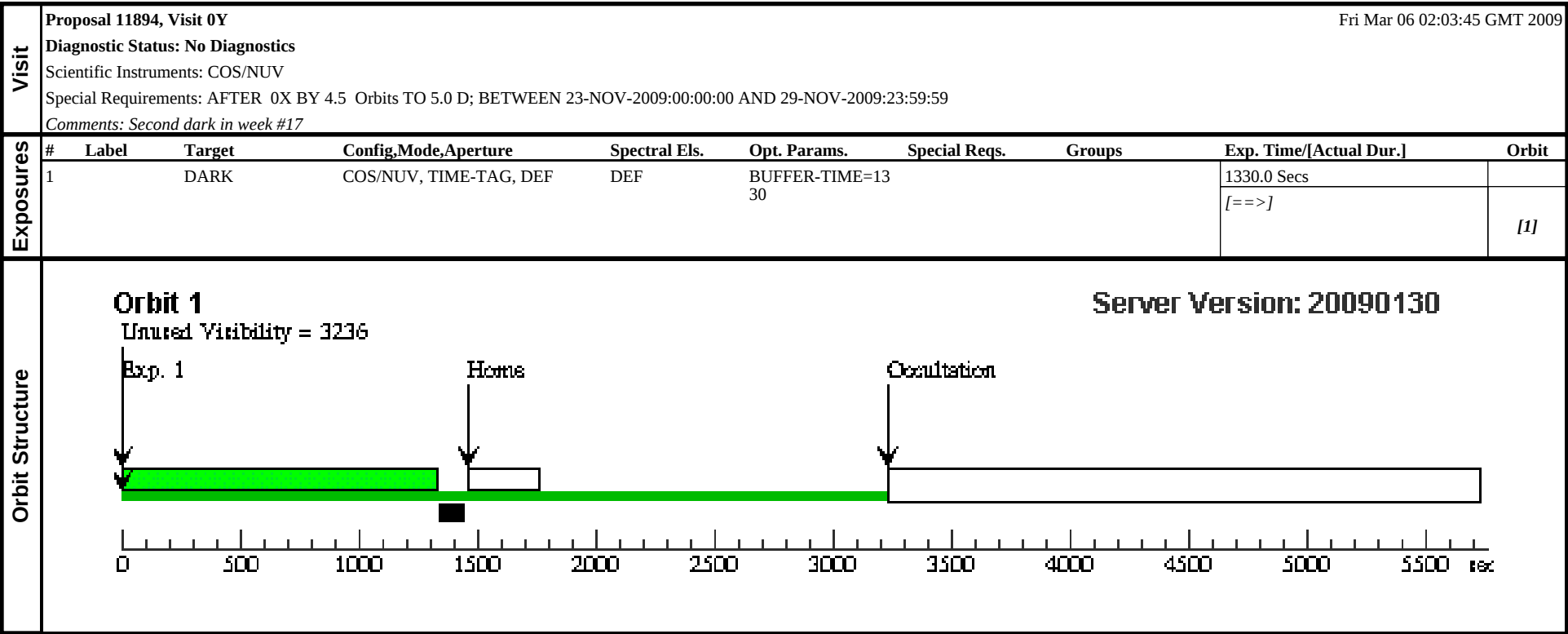


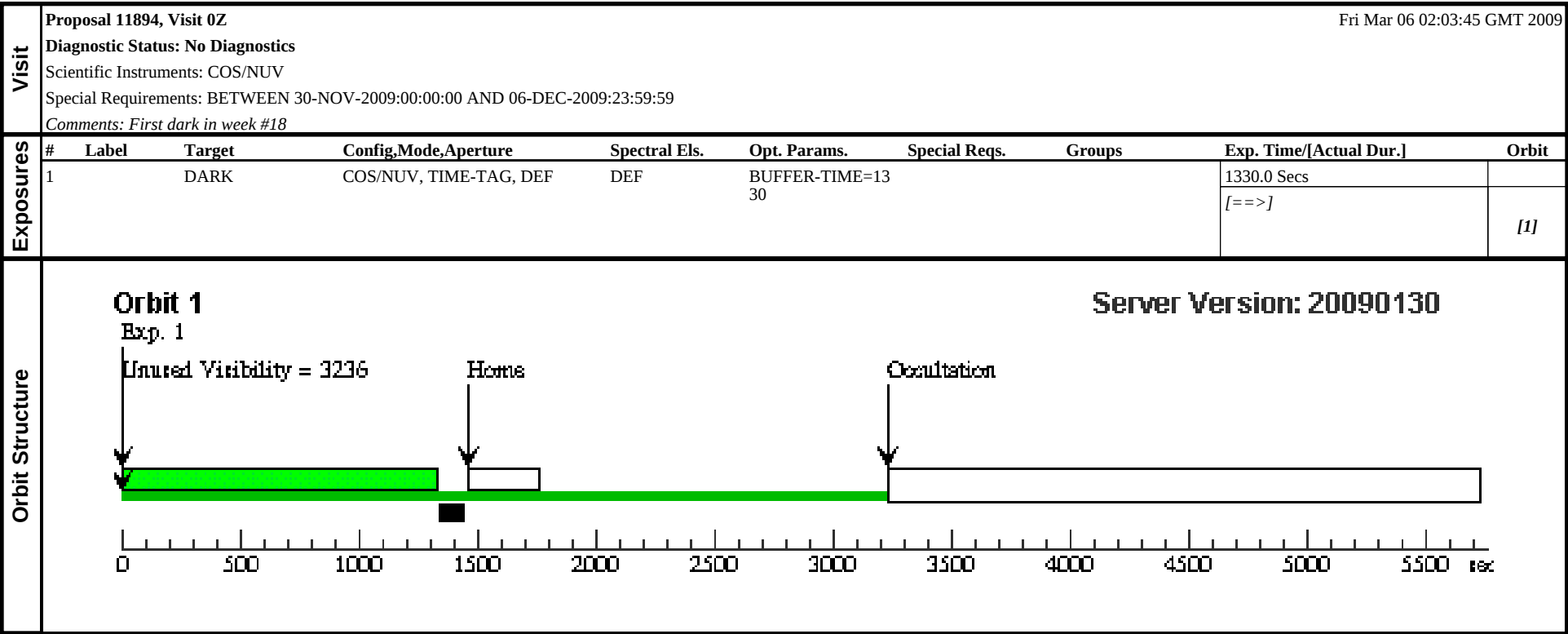
Proposal 11894 - Visit 0W - NUV Detector Dark Monitor

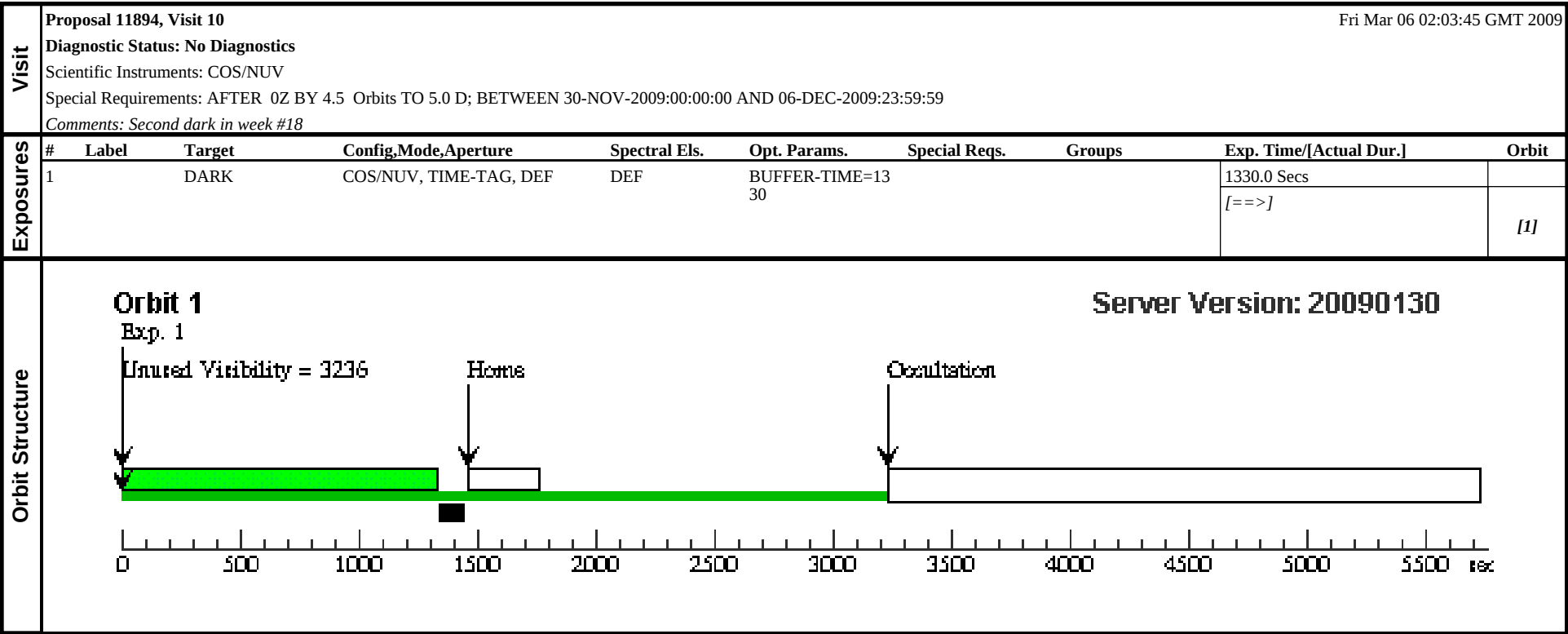
Visit	Proposal 11894, Visit 0W									Fri Mar 06 02:03:45 GMT 2009
	Diagnostic Status: No Diagnostics									
Exposures	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0V BY 4.5 Orbits TO 5.0 D; BETWEEN 16-NOV-2009:00:00:00 AND 22-NOV-2009:23:59:59									
	Comments: Second dark in week #16									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs [==>]	[1]
Orbit Structure	Orbit 1									
	Unused Visibility = 3236									
Orbit Structure	Server Version: 20090130									

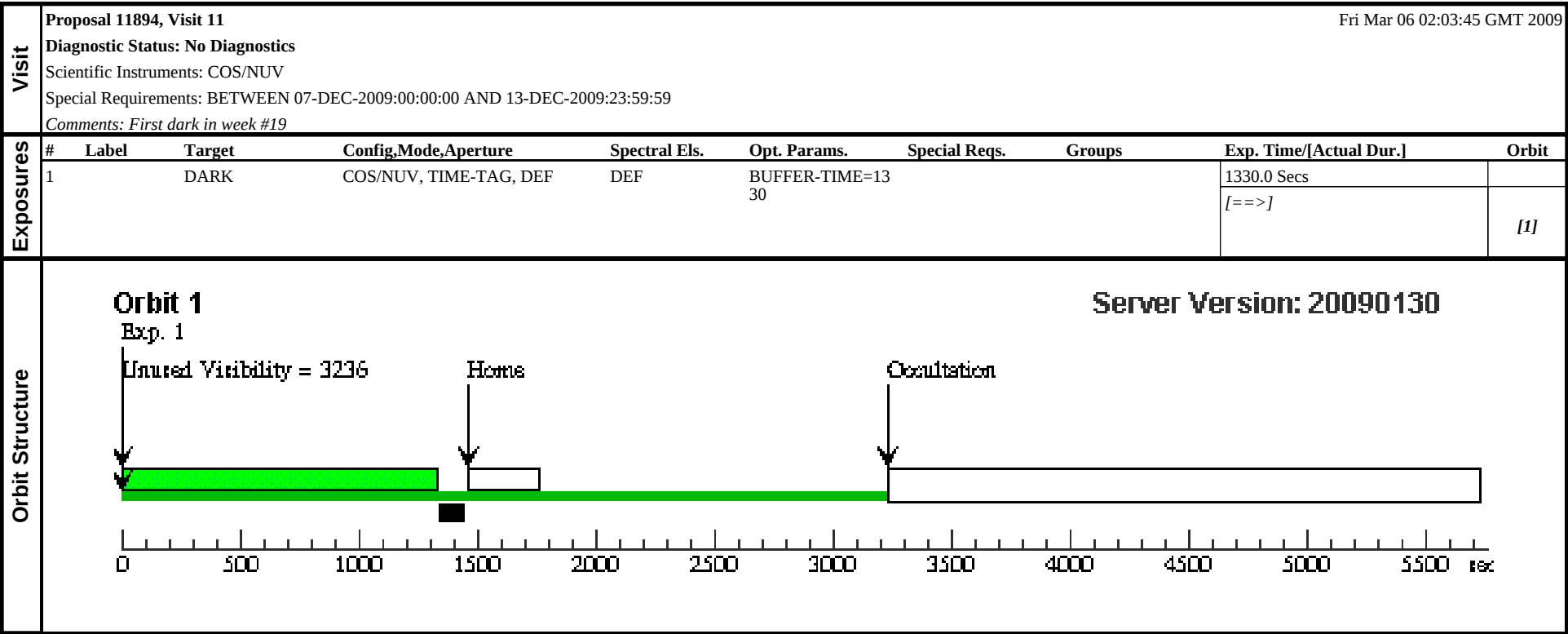
Proposal 11894 - Visit 0X - NUV Detector Dark Monitor





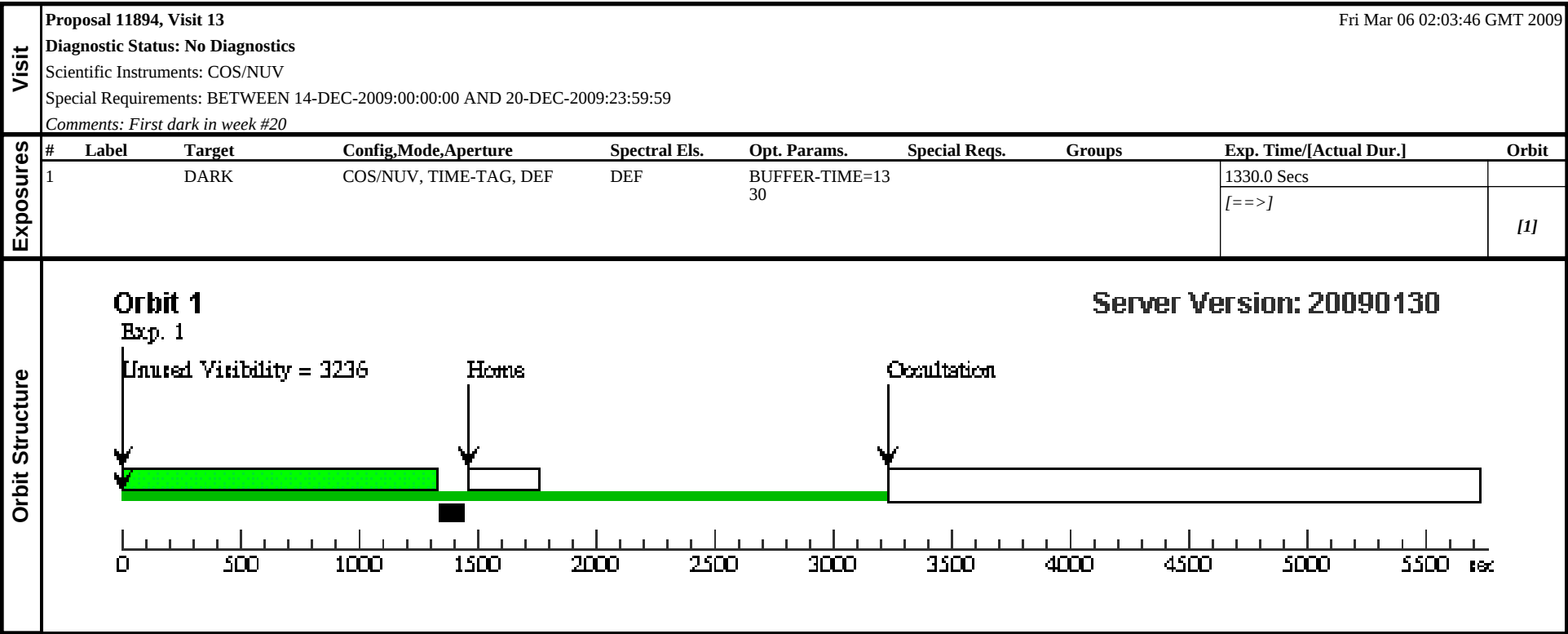


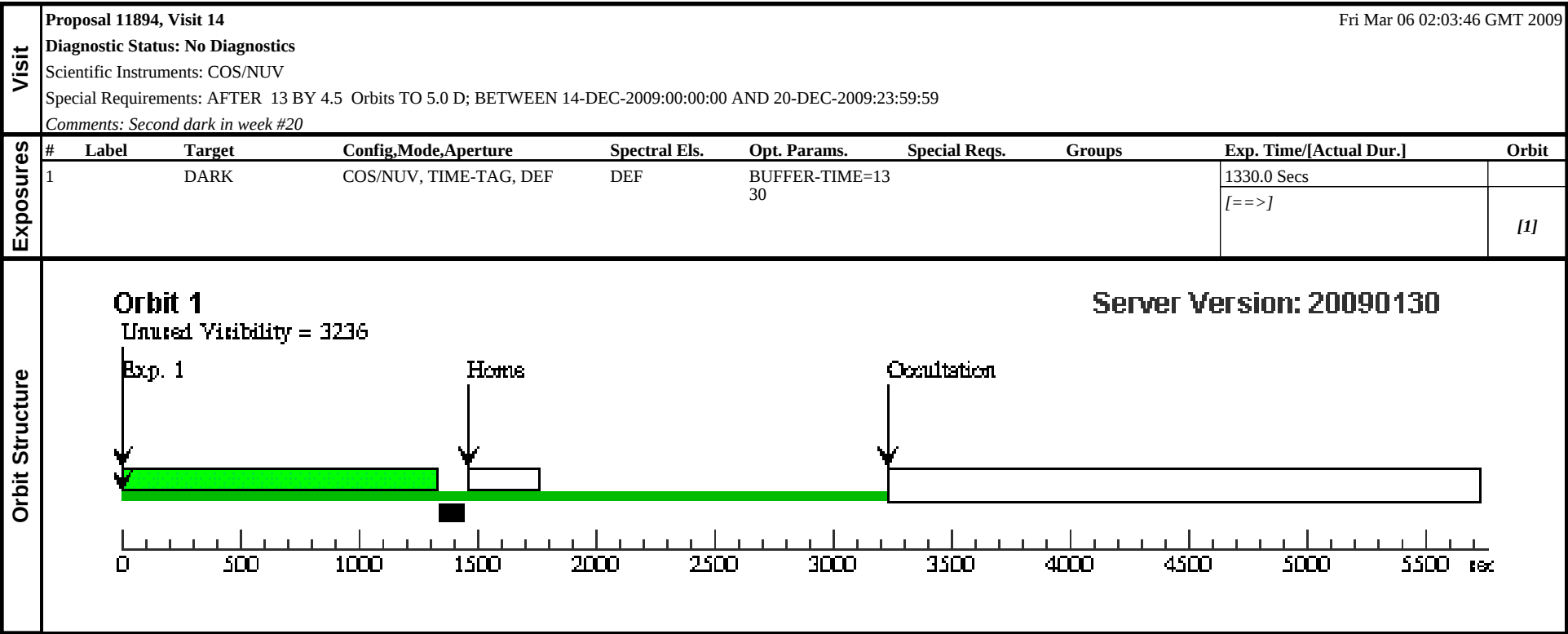




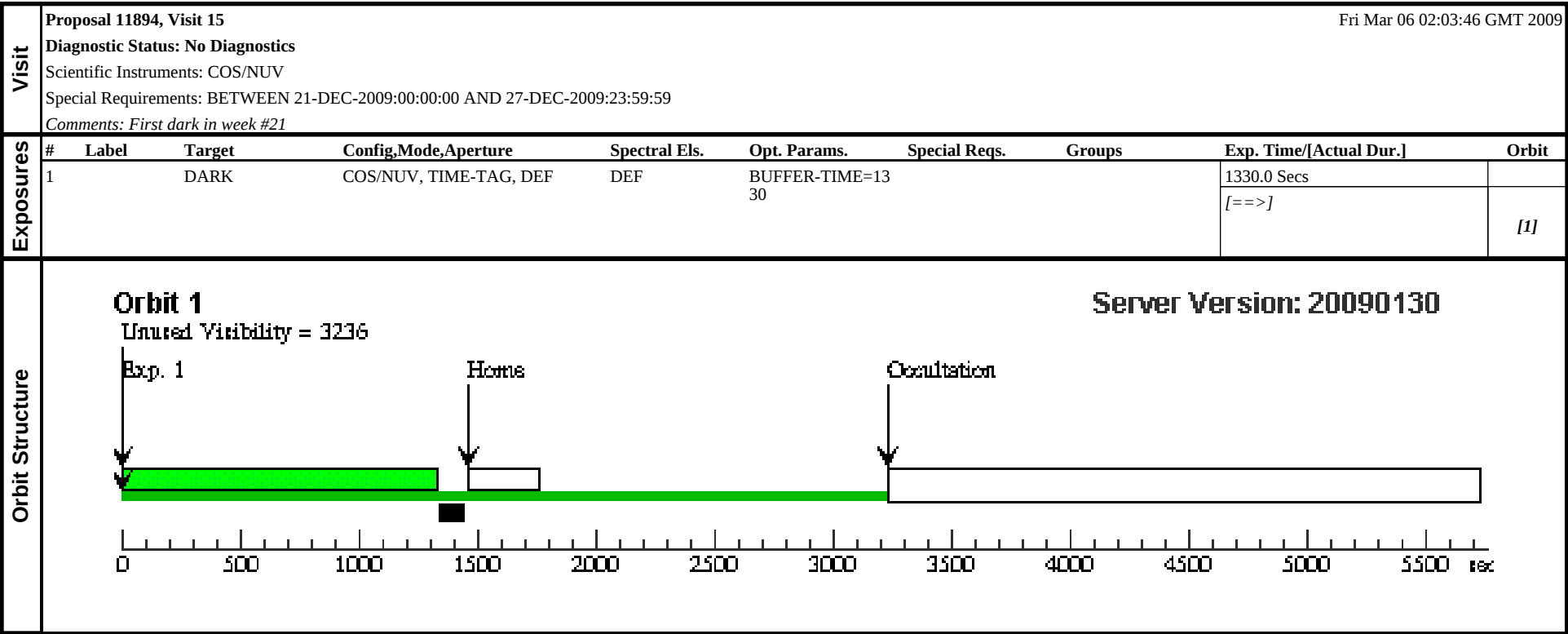
Proposal 11894 - Visit 12 - NUV Detector Dark Monitor

Visit	Proposal 11894, Visit 12 Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: AFTER 11 BY 4.5 Orbits TO 5.0 D; BETWEEN 07-DEC-2009:00:00:00 AND 13-DEC-2009:23:59:59 Comments: Second dark in week #19									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs	
									[==>]	[1]
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation									
	Server Version: 20090130									

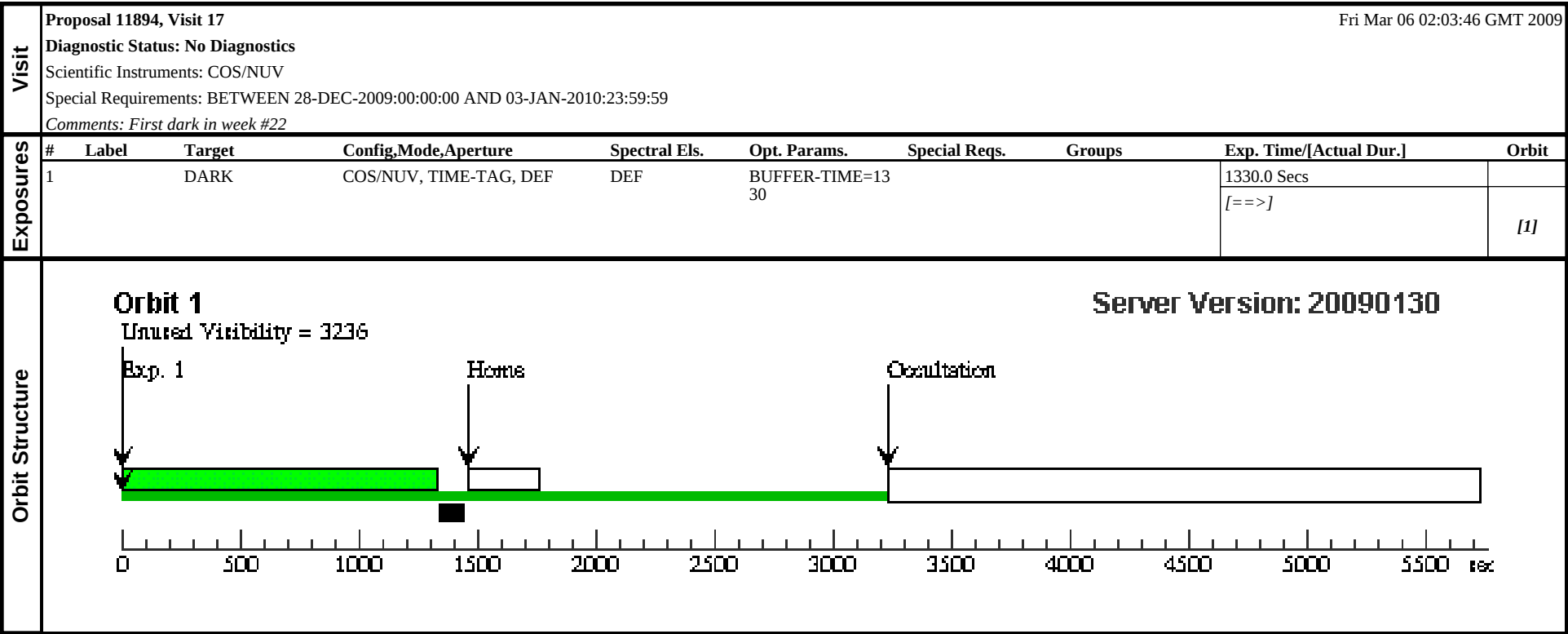


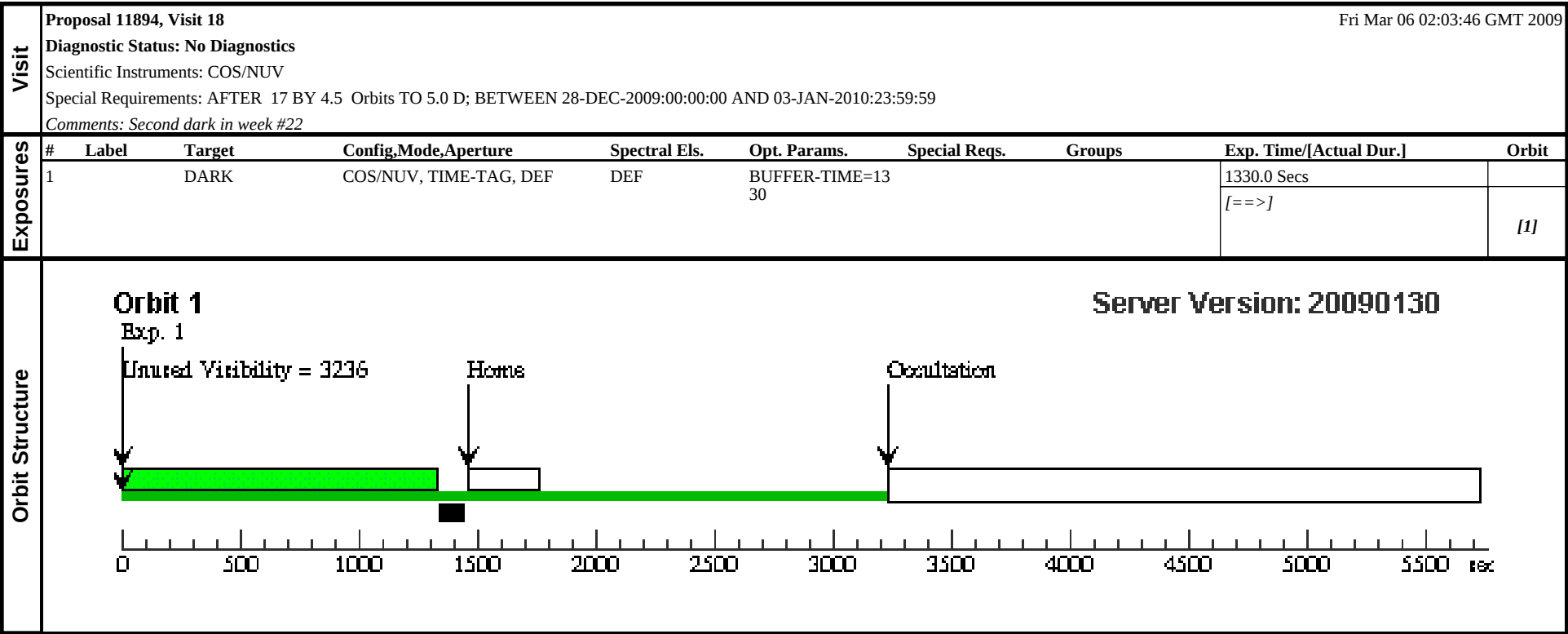


Proposal 11894 - Visit 15 - NUV Detector Dark Monitor



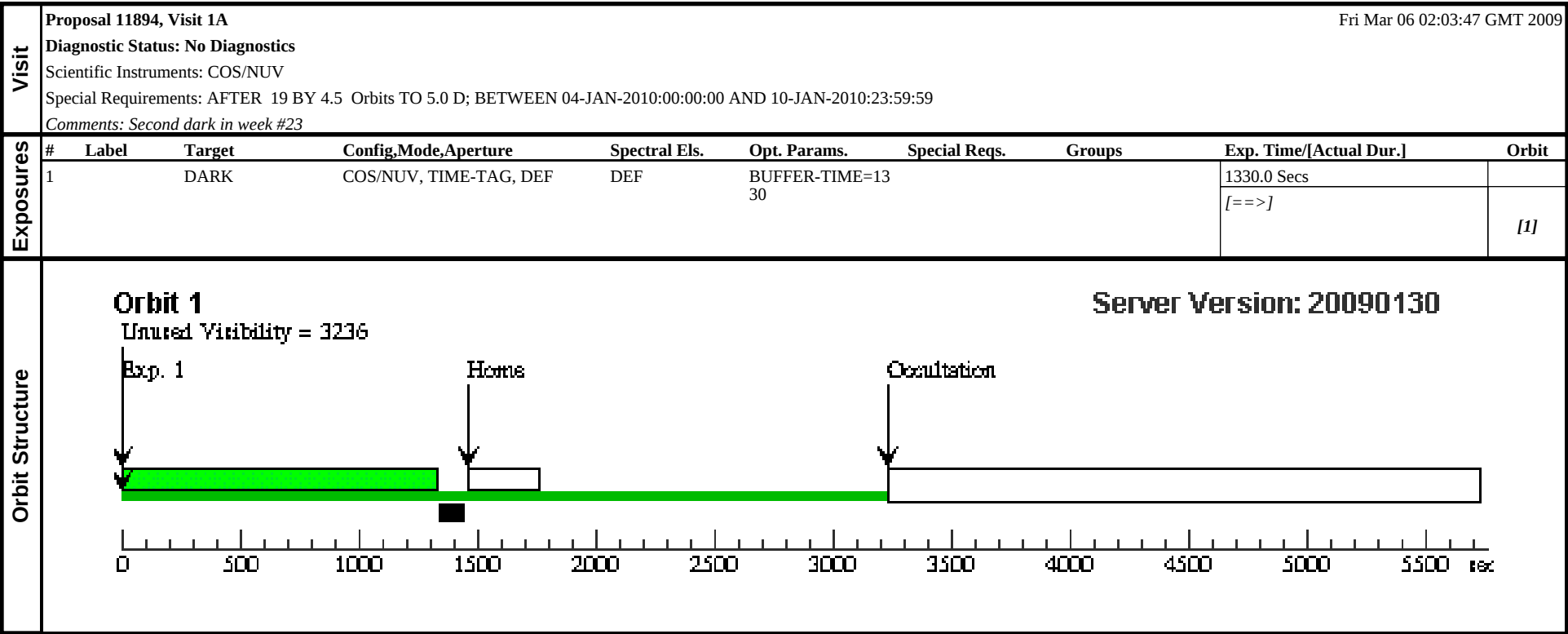
Visit	Proposal 11894, Visit 16 Fri Mar 06 02:03:46 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: AFTER 15 BY 4.5 Orbits TO 5.0 D; BETWEEN 21-DEC-2009:00:00:00 AND 27-DEC-2009:23:59:59 Comments: Second dark in week #21									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs [==>]	[1]
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation Server Version: 20090130									

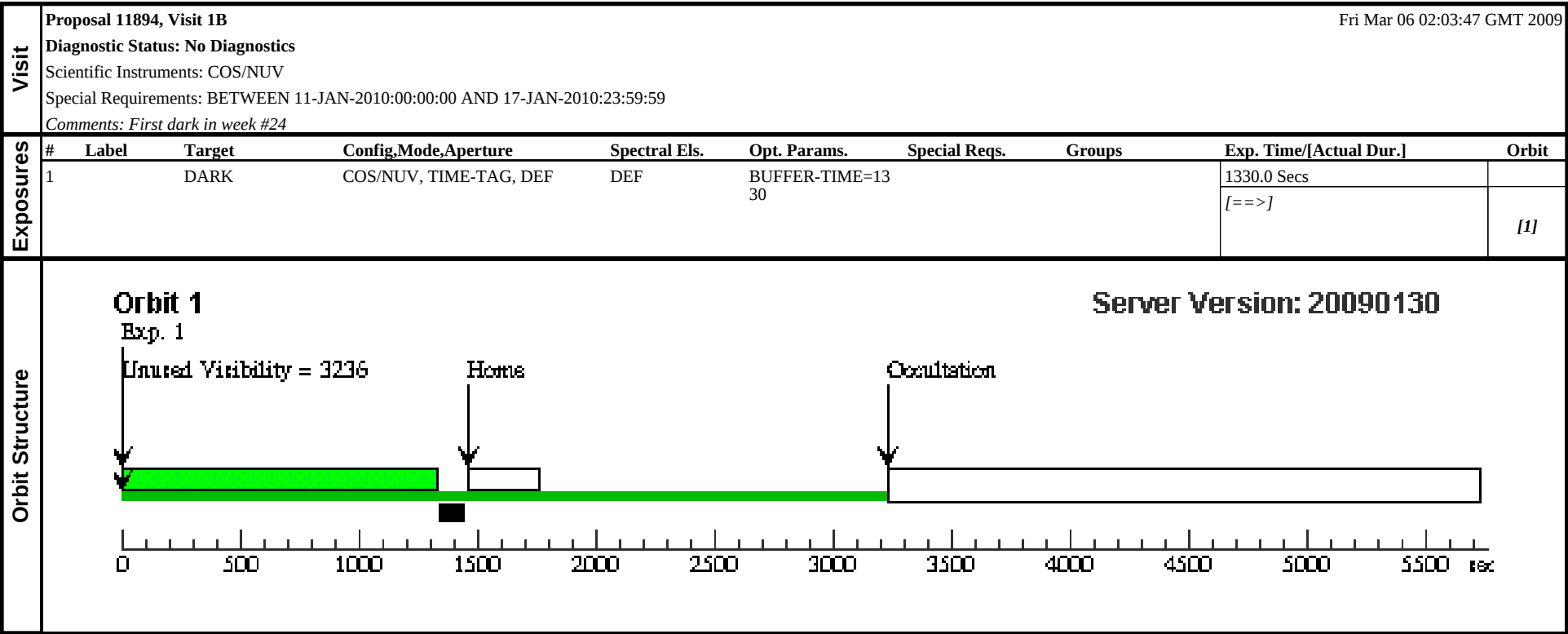


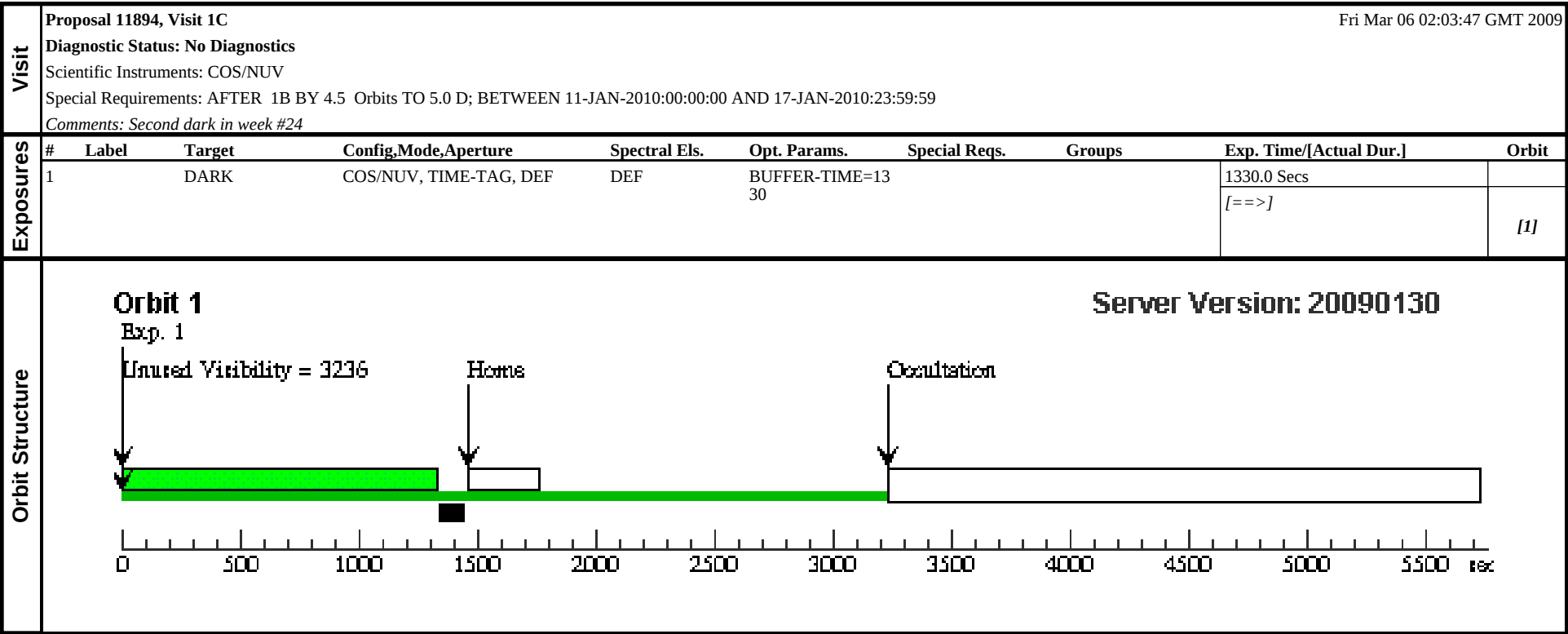


Visit	Proposal 11894, Visit 19										Fri Mar 06 02:03:46 GMT 2009
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV										
	Special Requirements: BETWEEN 04-JAN-2010:00:00:00 AND 10-JAN-2010:23:59:59										
Comments: First dark in week #23											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs		
									[==>]		[1]
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation Server Version: 20090130										
	05001000150020002500300035004000450050005500sec										

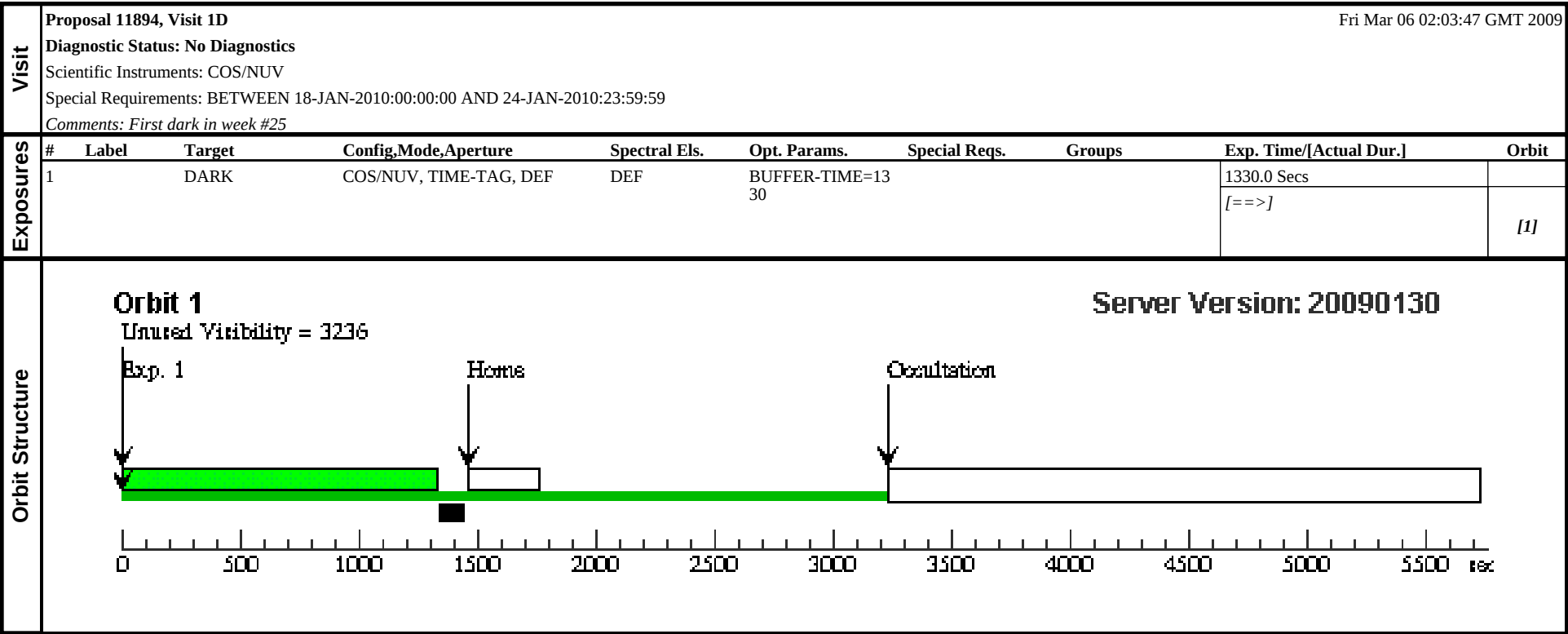
Proposal 11894 - Visit 1A - NUV Detector Dark Monitor

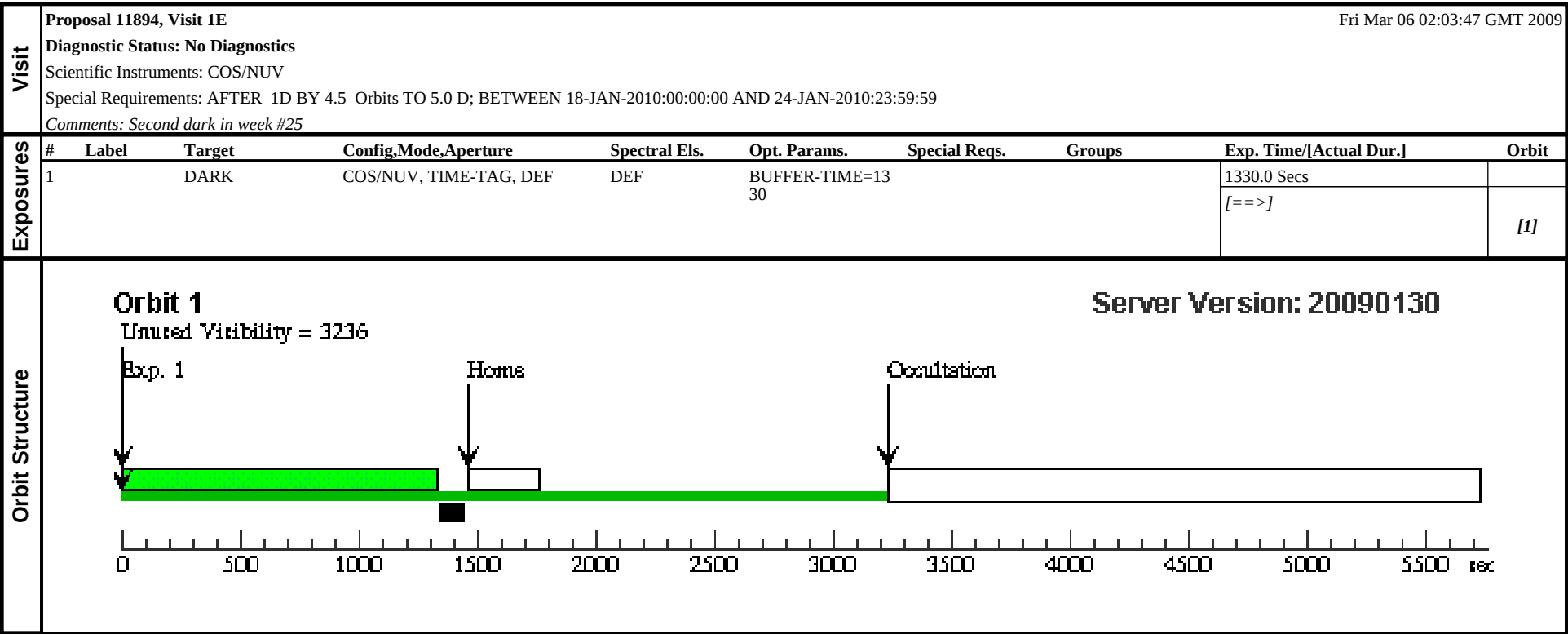


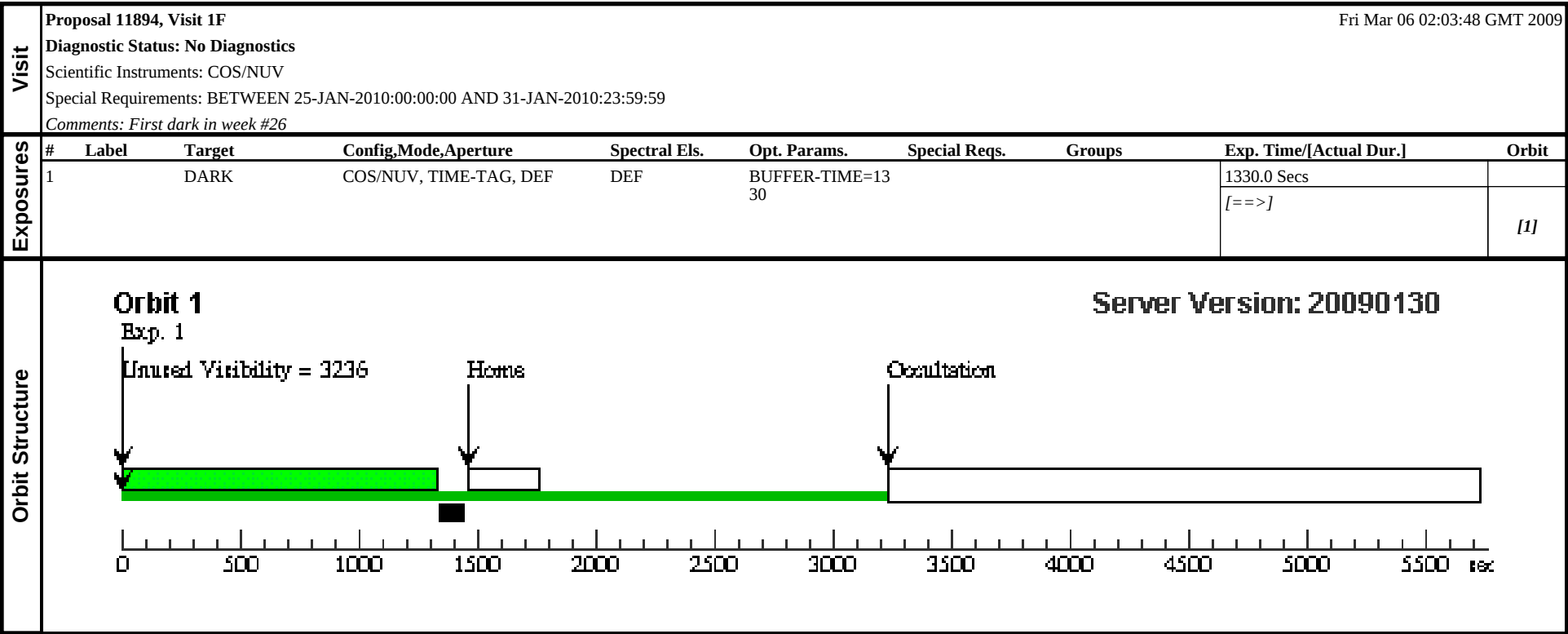




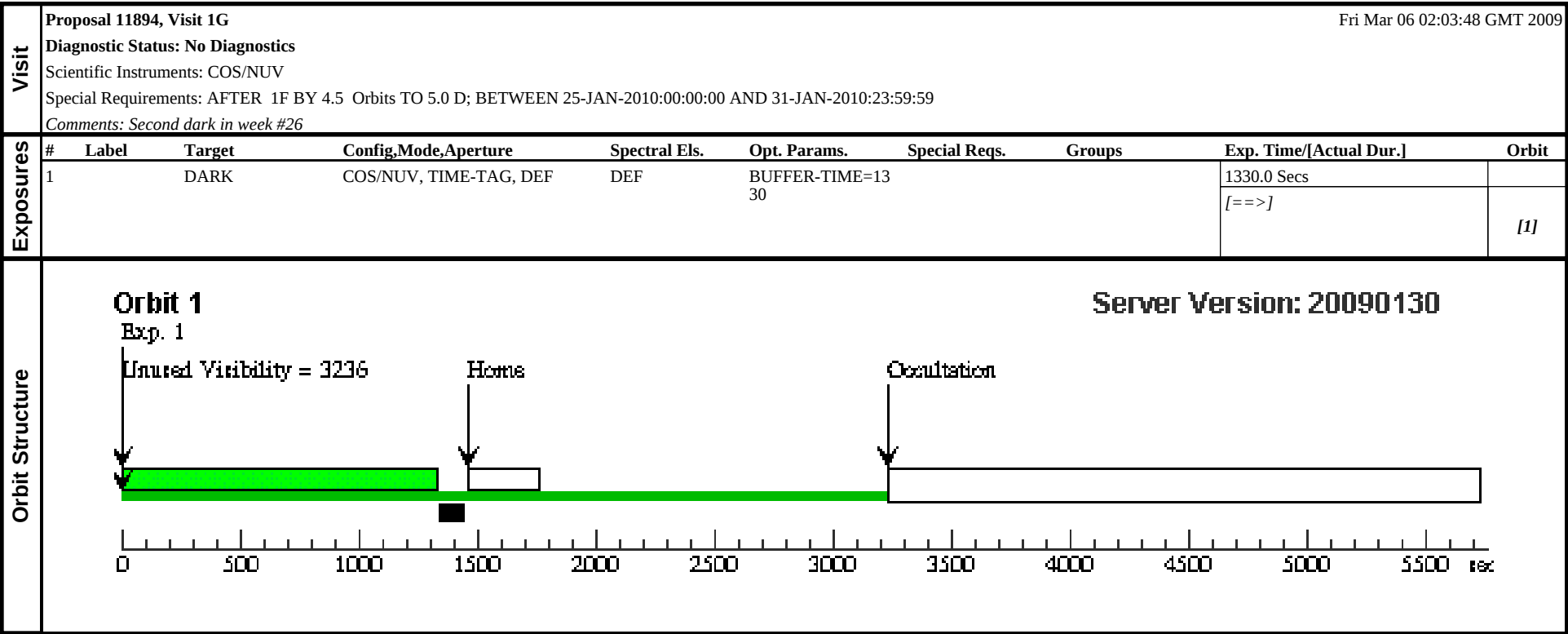
Proposal 11894 - Visit 1D - NUV Detector Dark Monitor



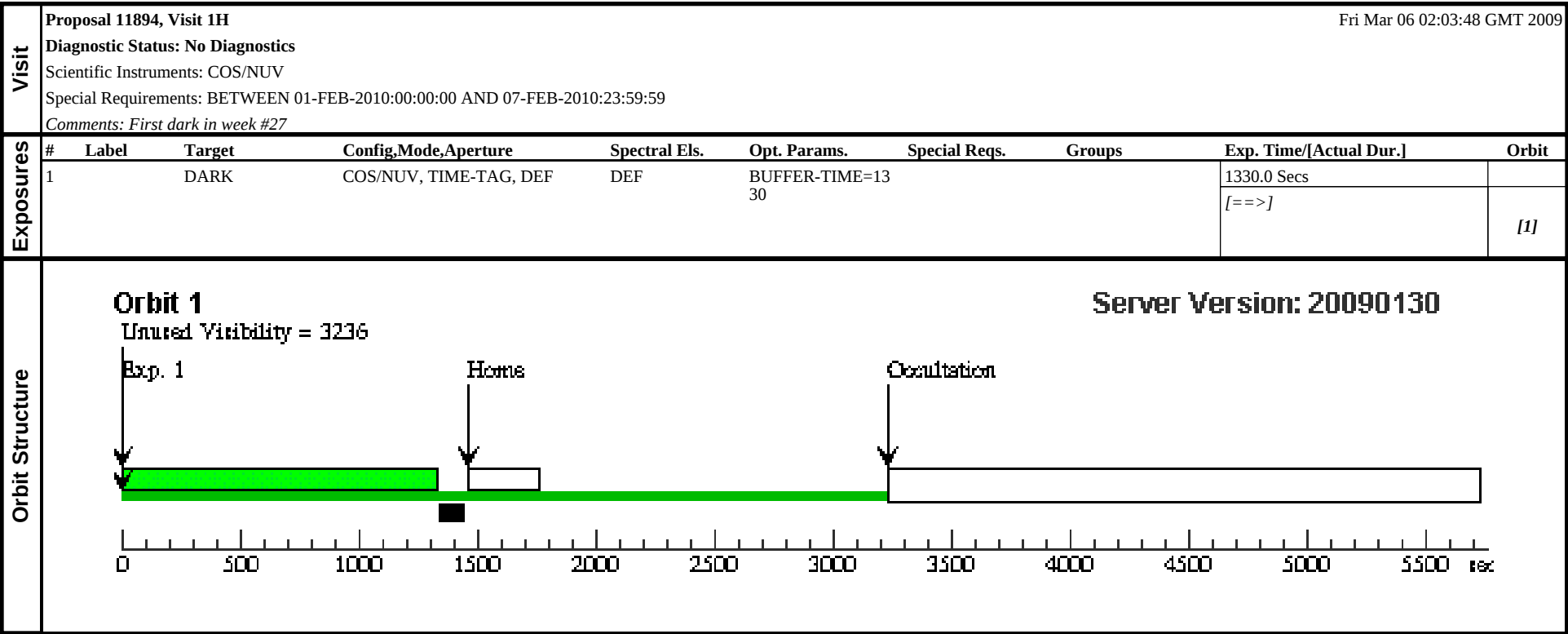


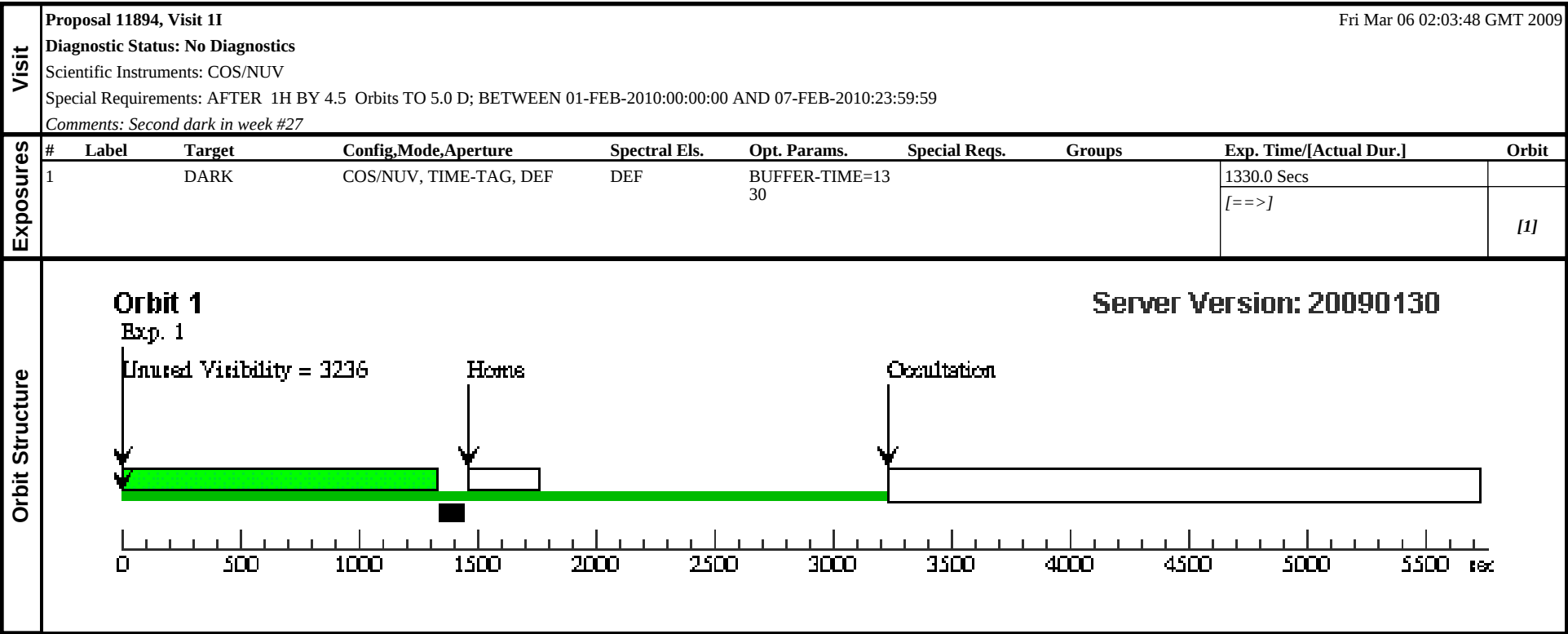


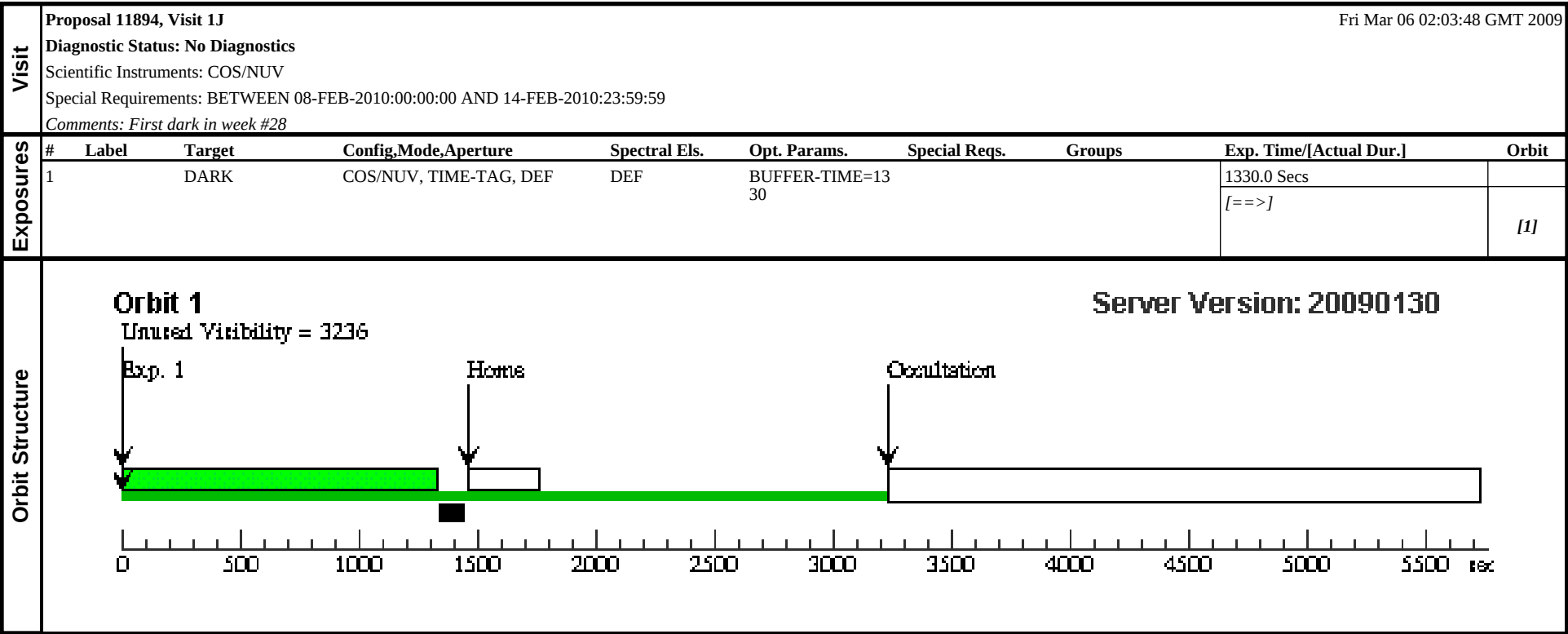
Proposal 11894 - Visit 1G - NUV Detector Dark Monitor



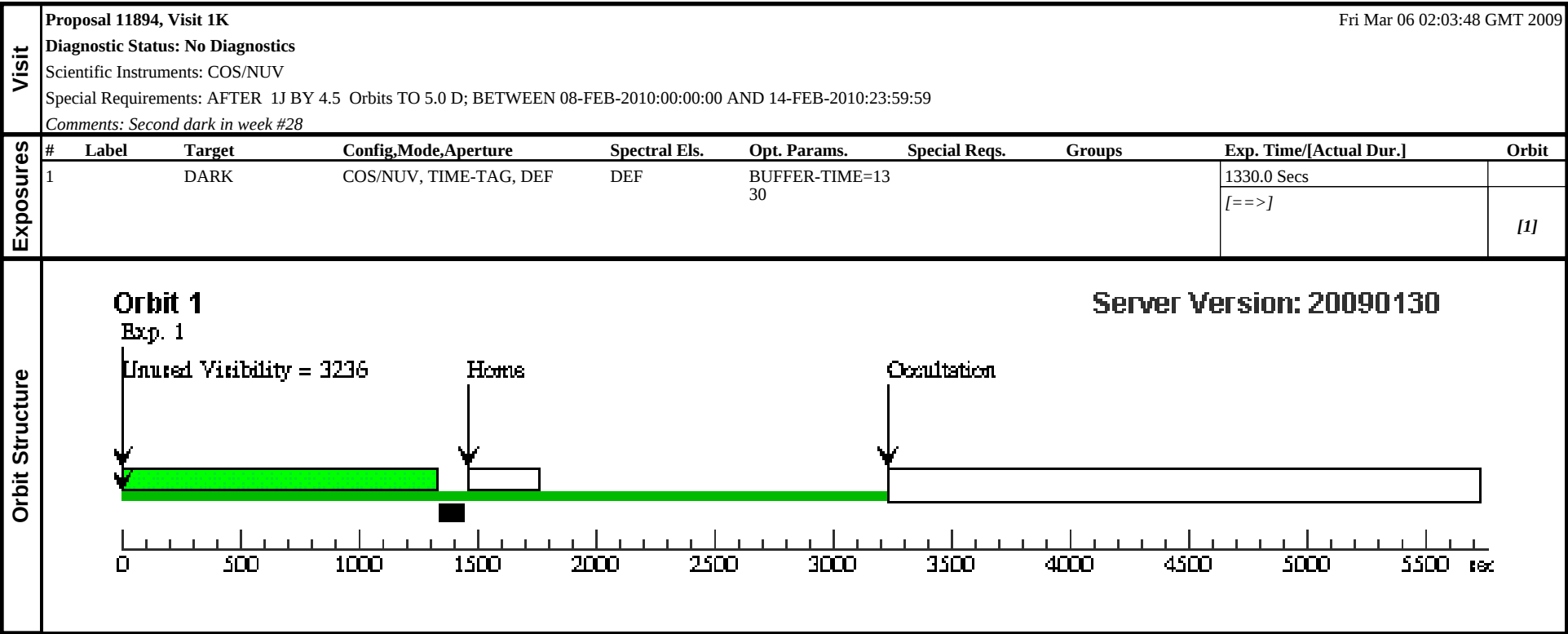
Proposal 11894 - Visit 1H - NUV Detector Dark Monitor

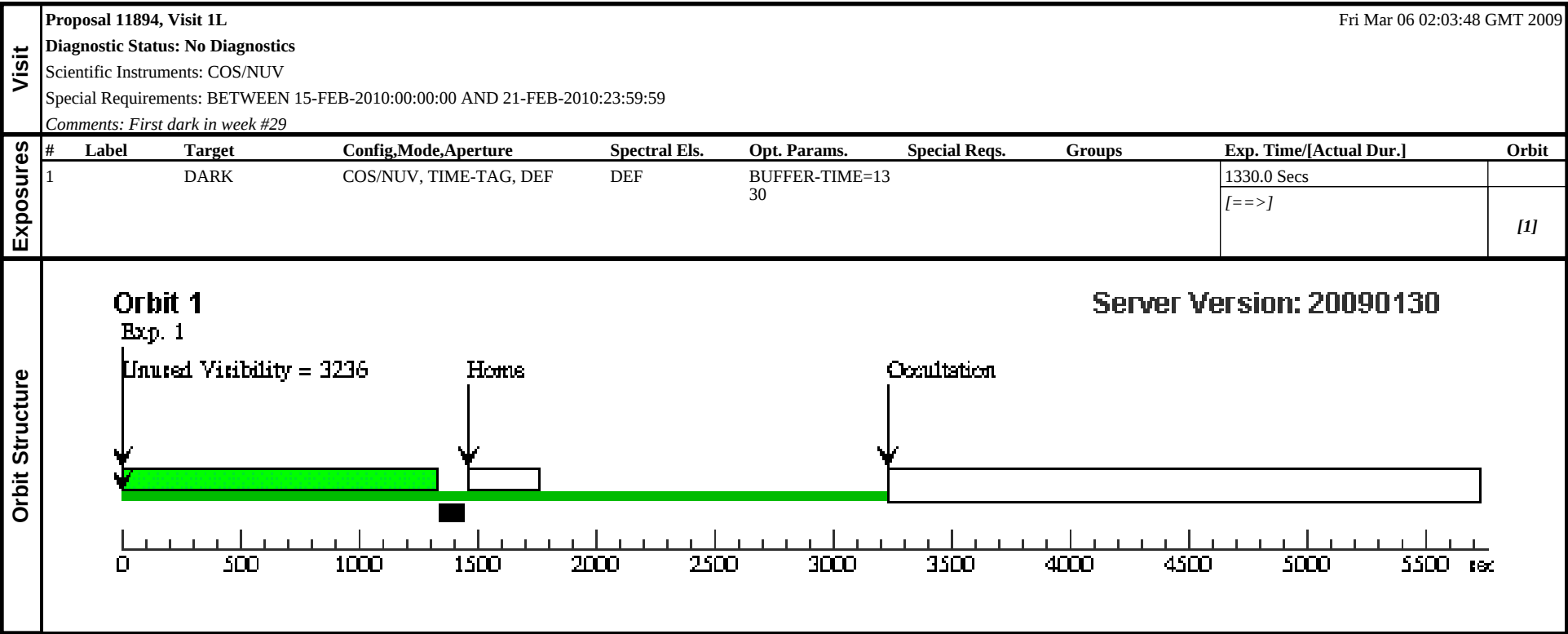




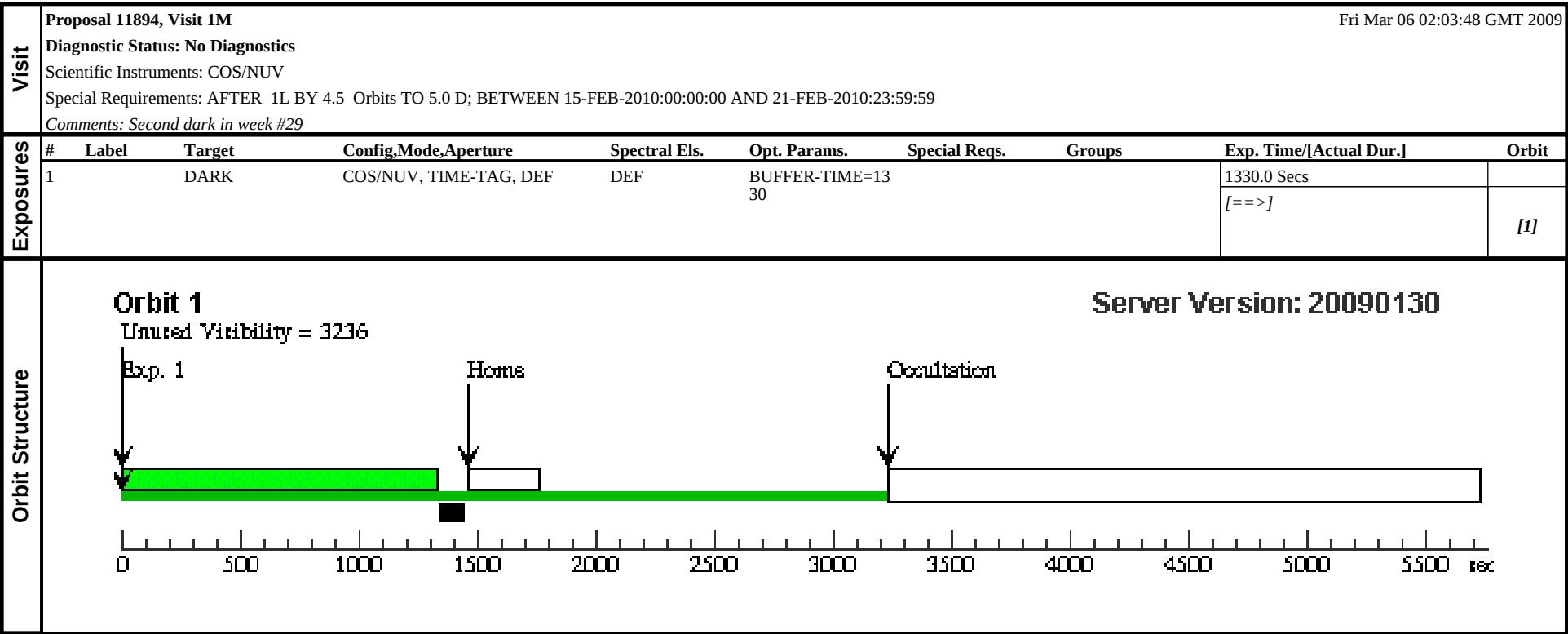


Proposal 11894 - Visit 1K - NUV Detector Dark Monitor

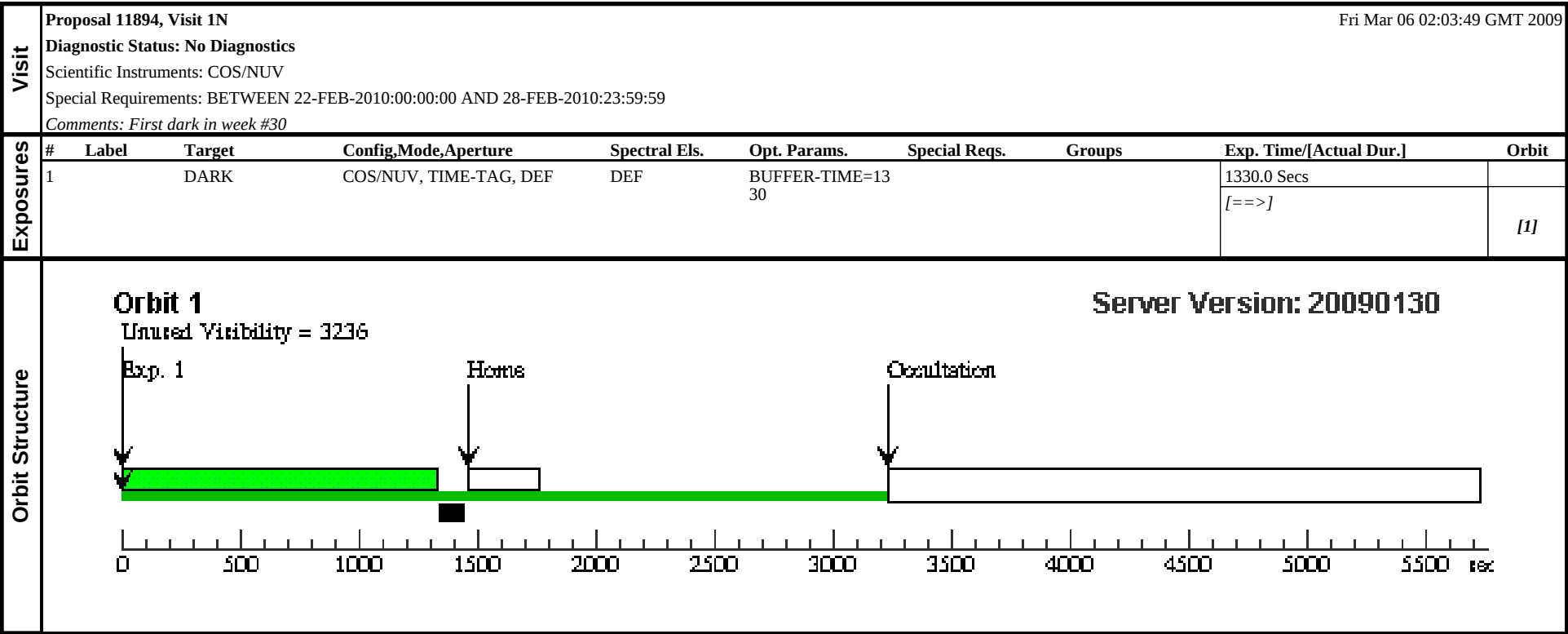




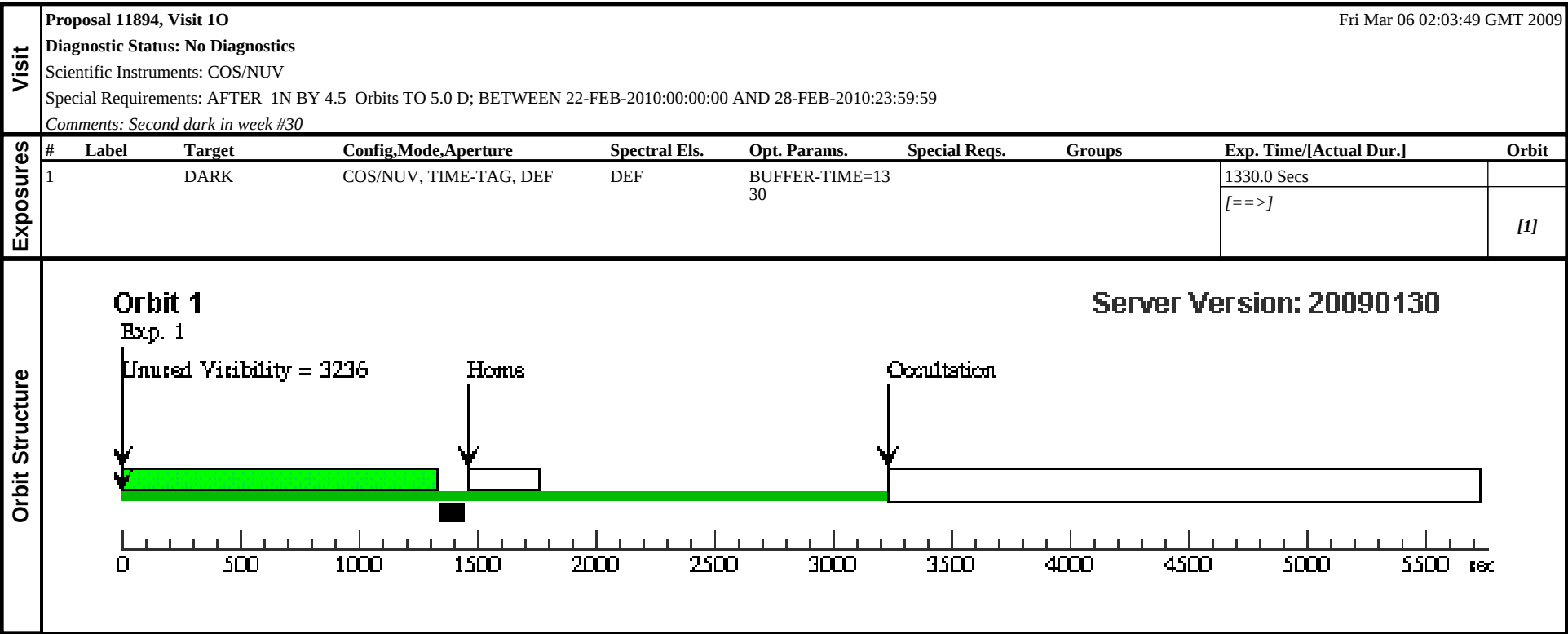
Proposal 11894 - Visit 1M - NUV Detector Dark Monitor



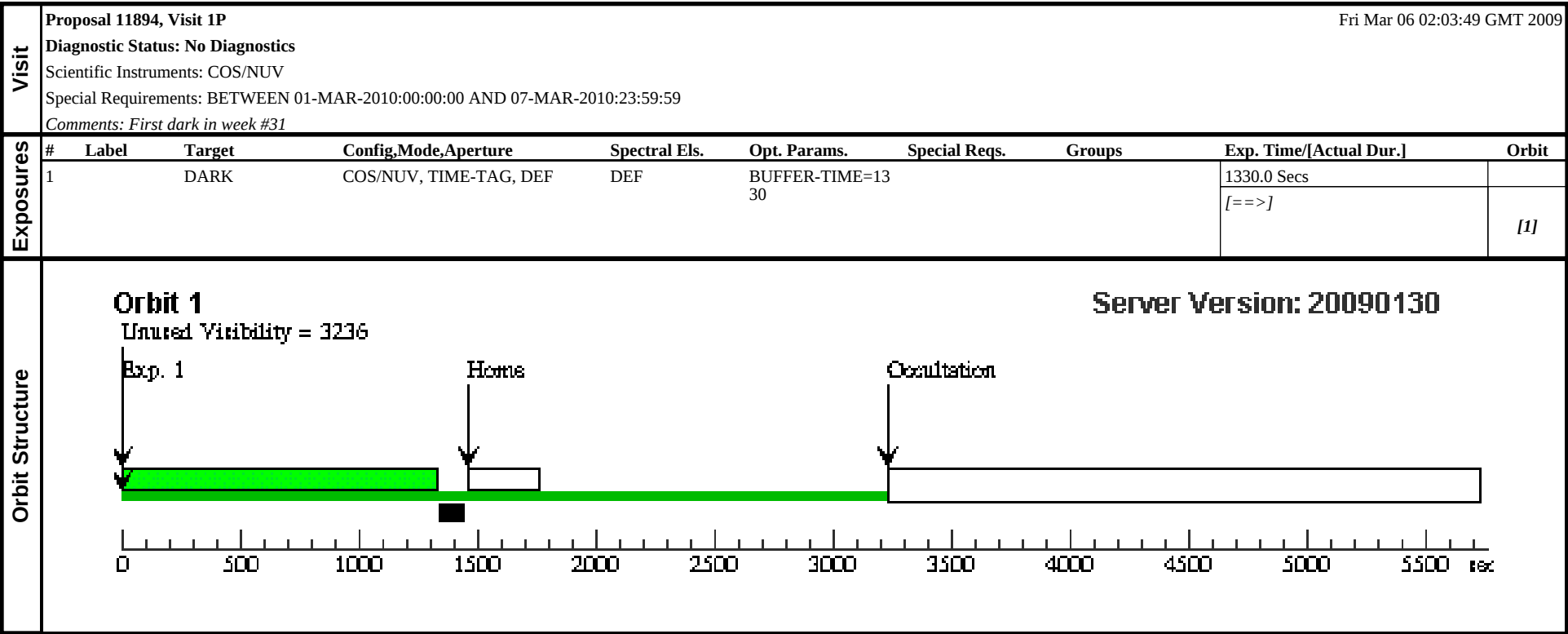
Proposal 11894 - Visit 1N - NUV Detector Dark Monitor



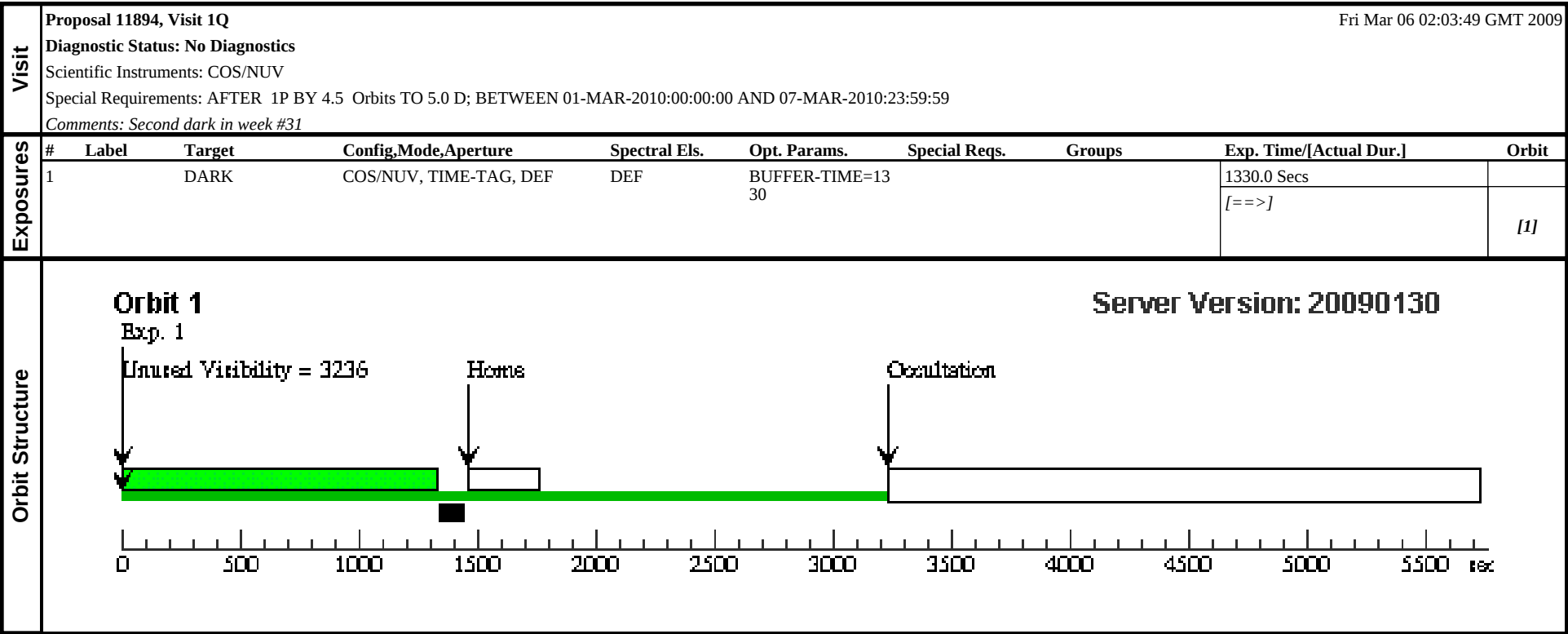
Proposal 11894 - Visit 1O - NUV Detector Dark Monitor



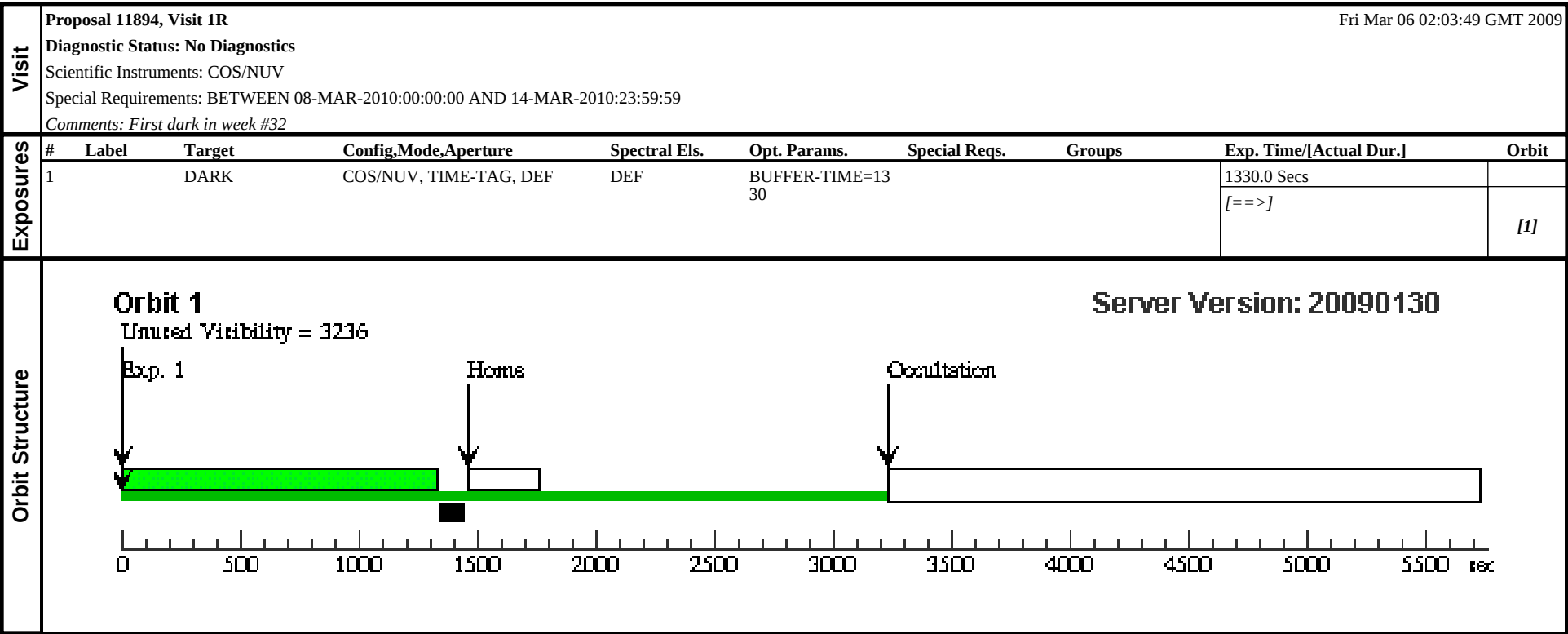
Proposal 11894 - Visit 1P - NUV Detector Dark Monitor

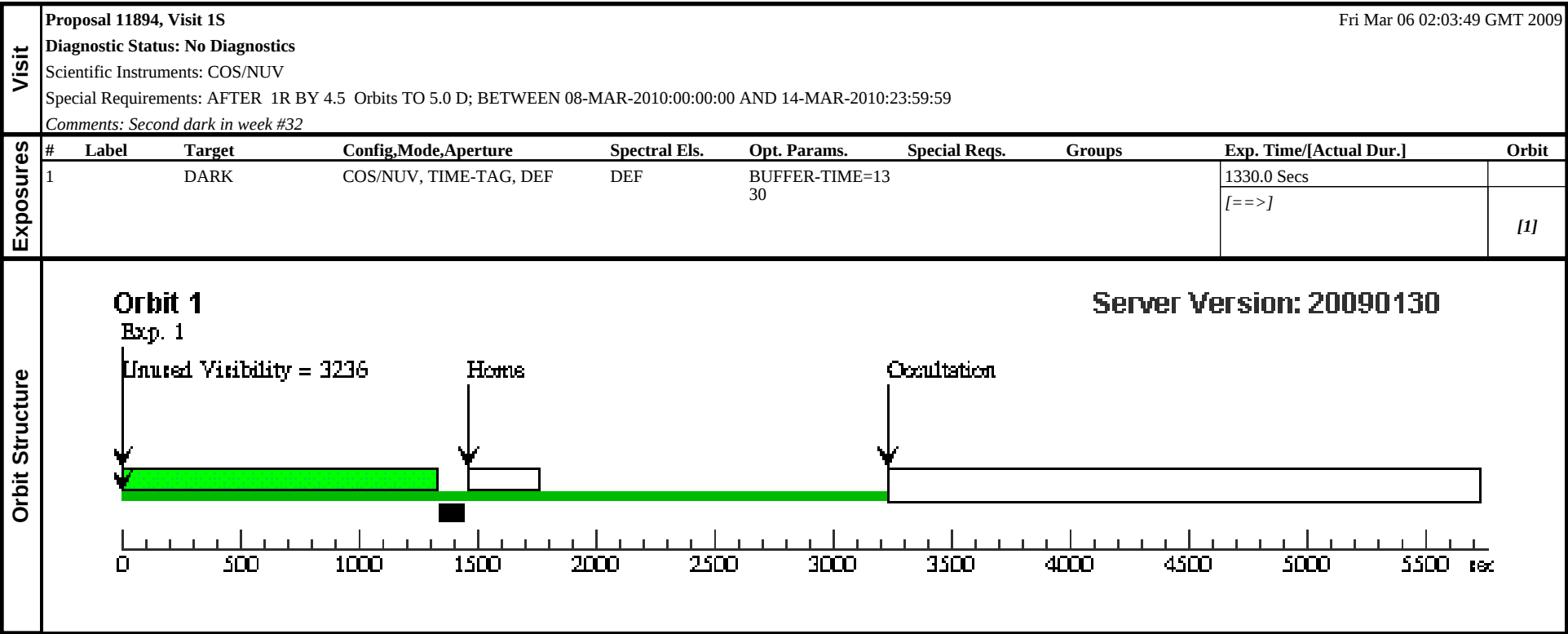


Proposal 11894 - Visit 1Q - NUV Detector Dark Monitor

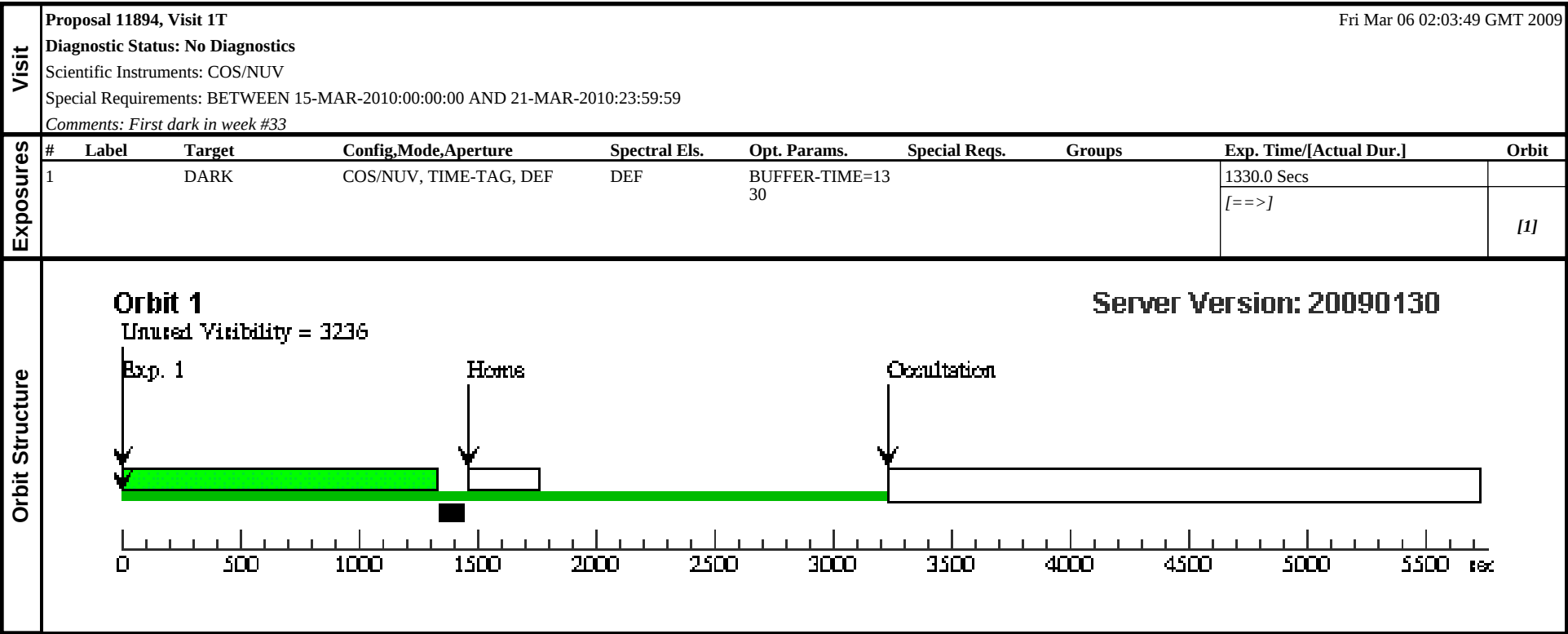


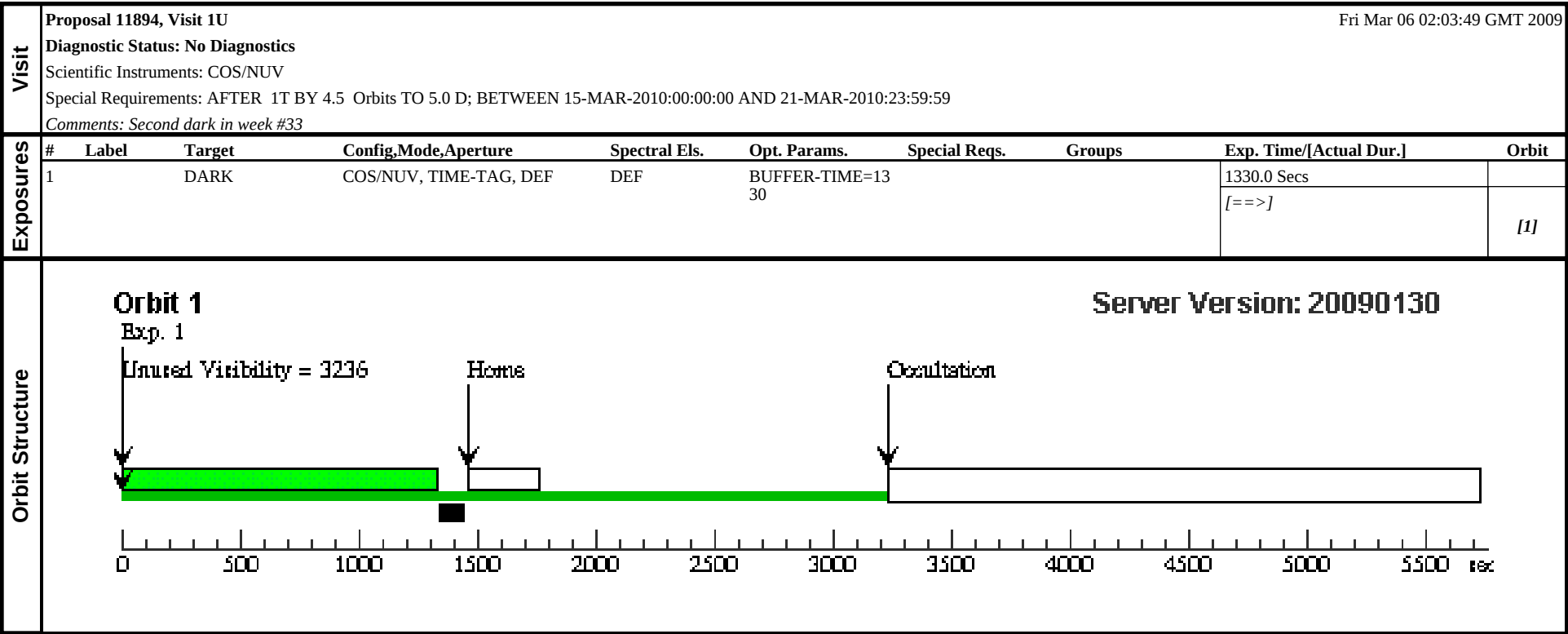
Proposal 11894 - Visit 1R - NUV Detector Dark Monitor



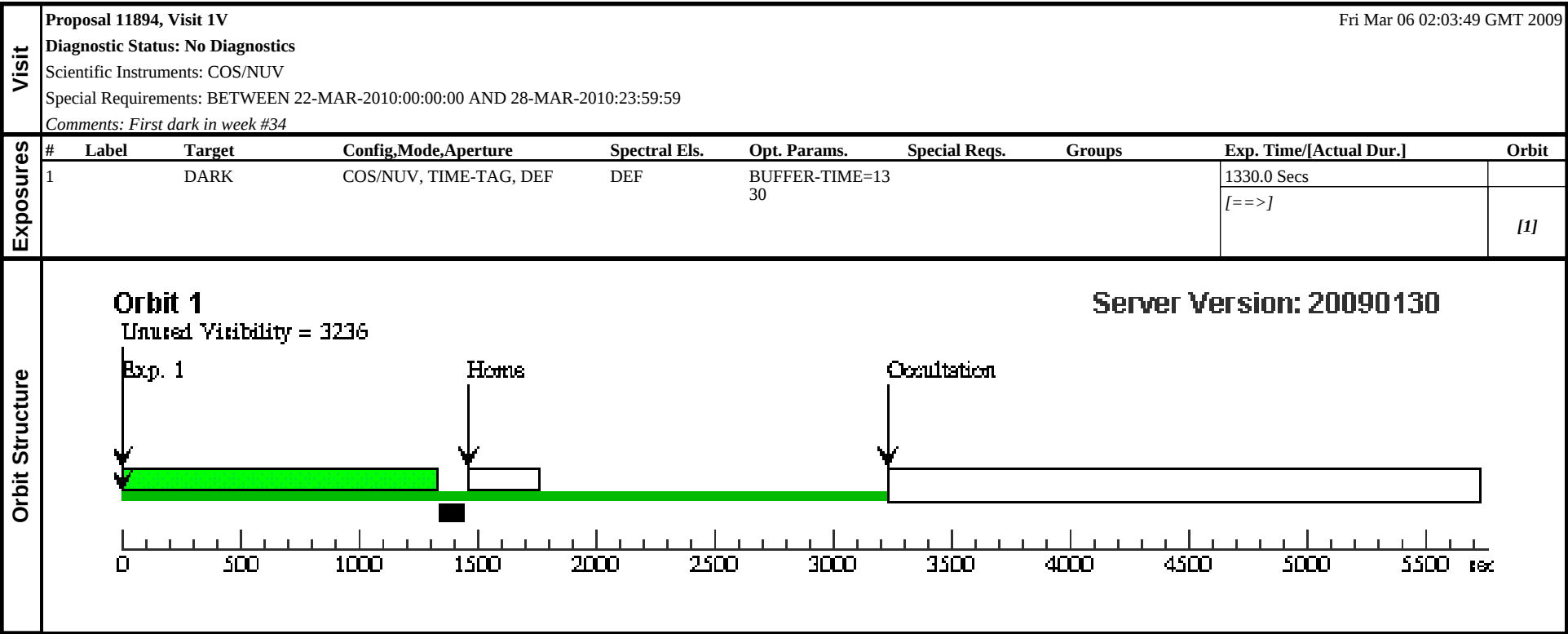


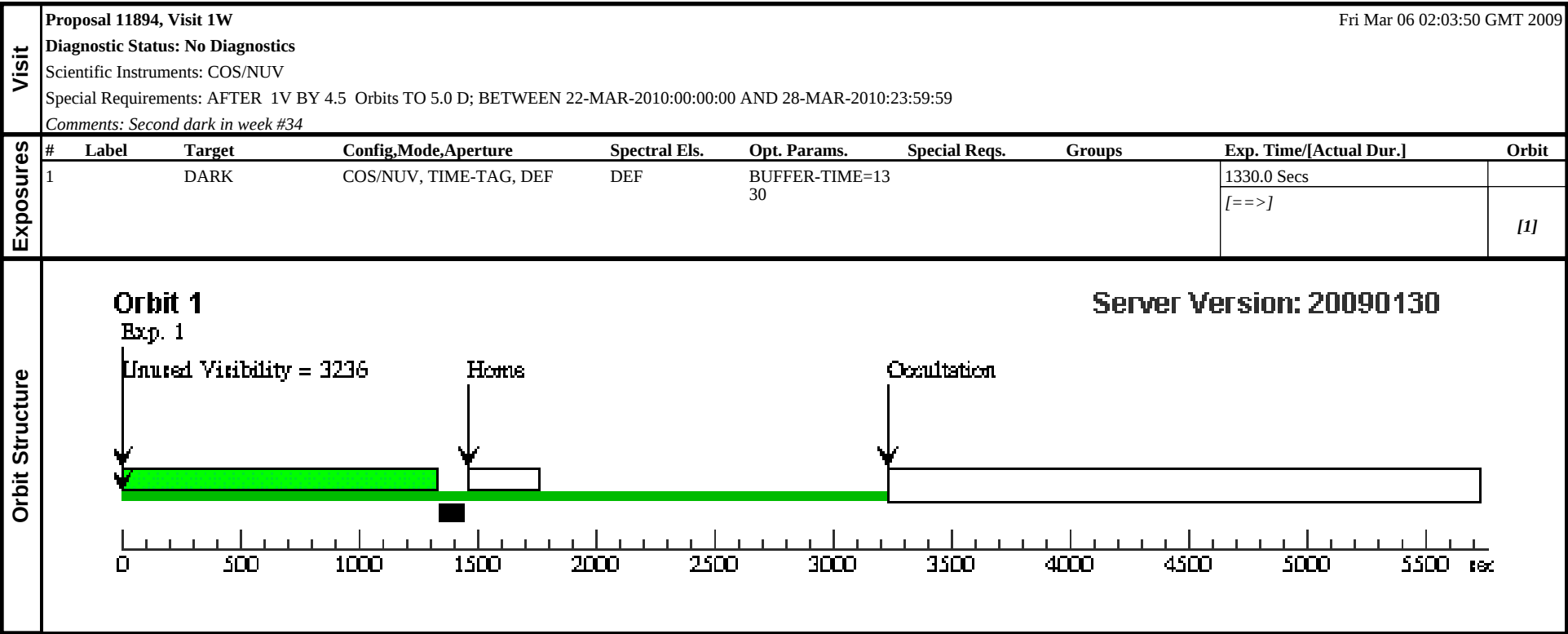
Proposal 11894 - Visit 1T - NUV Detector Dark Monitor



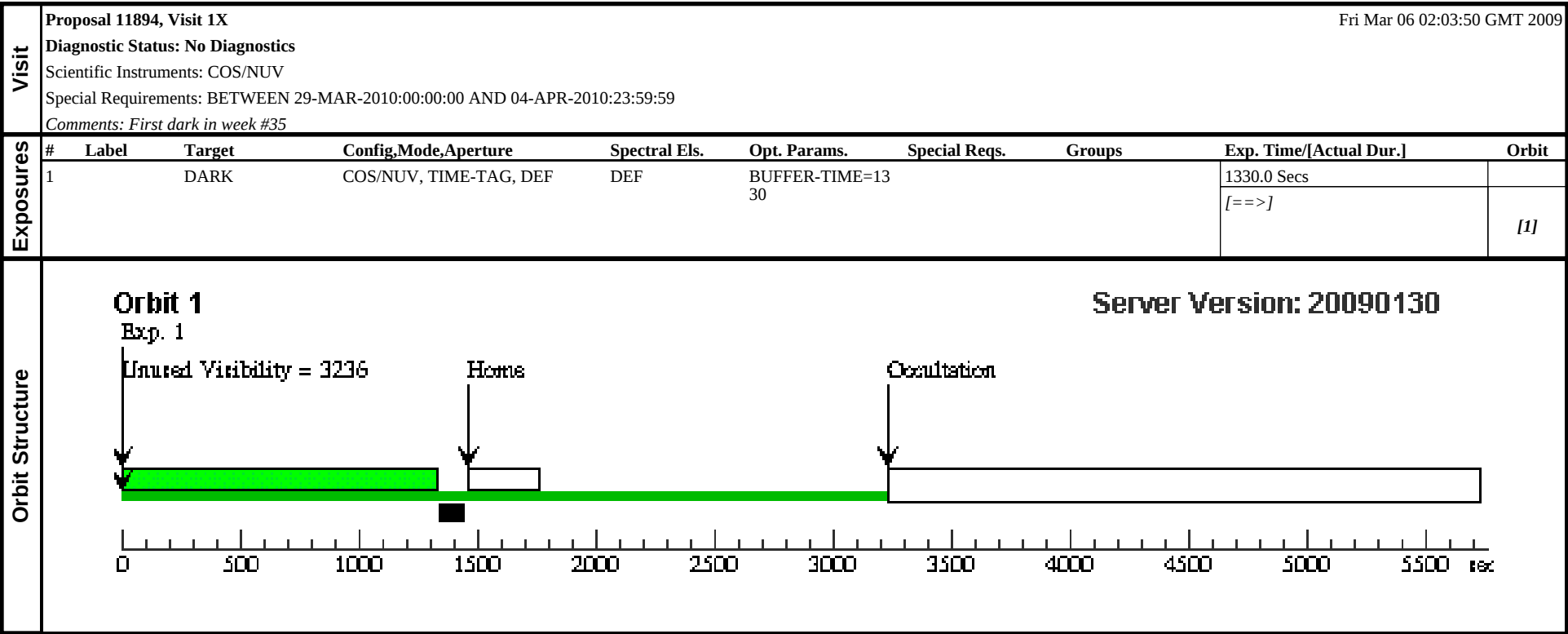


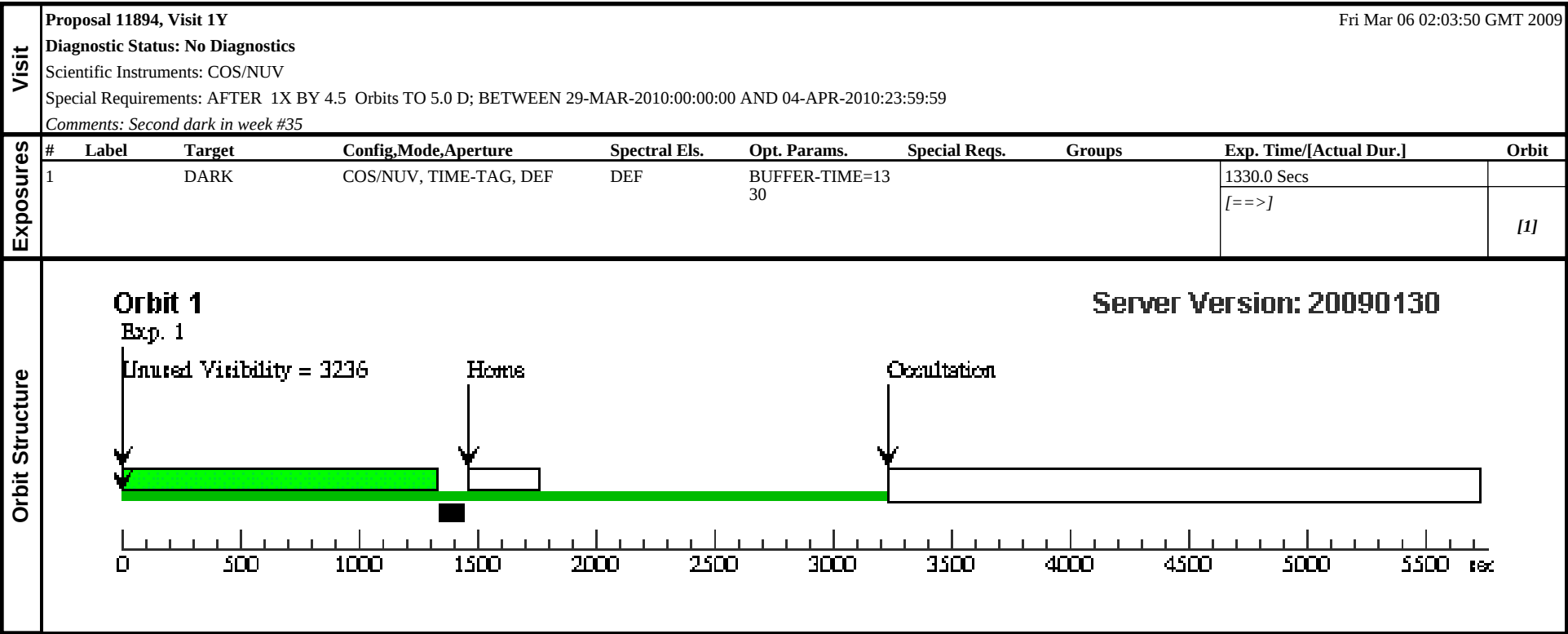
Proposal 11894 - Visit 1V - NUV Detector Dark Monitor

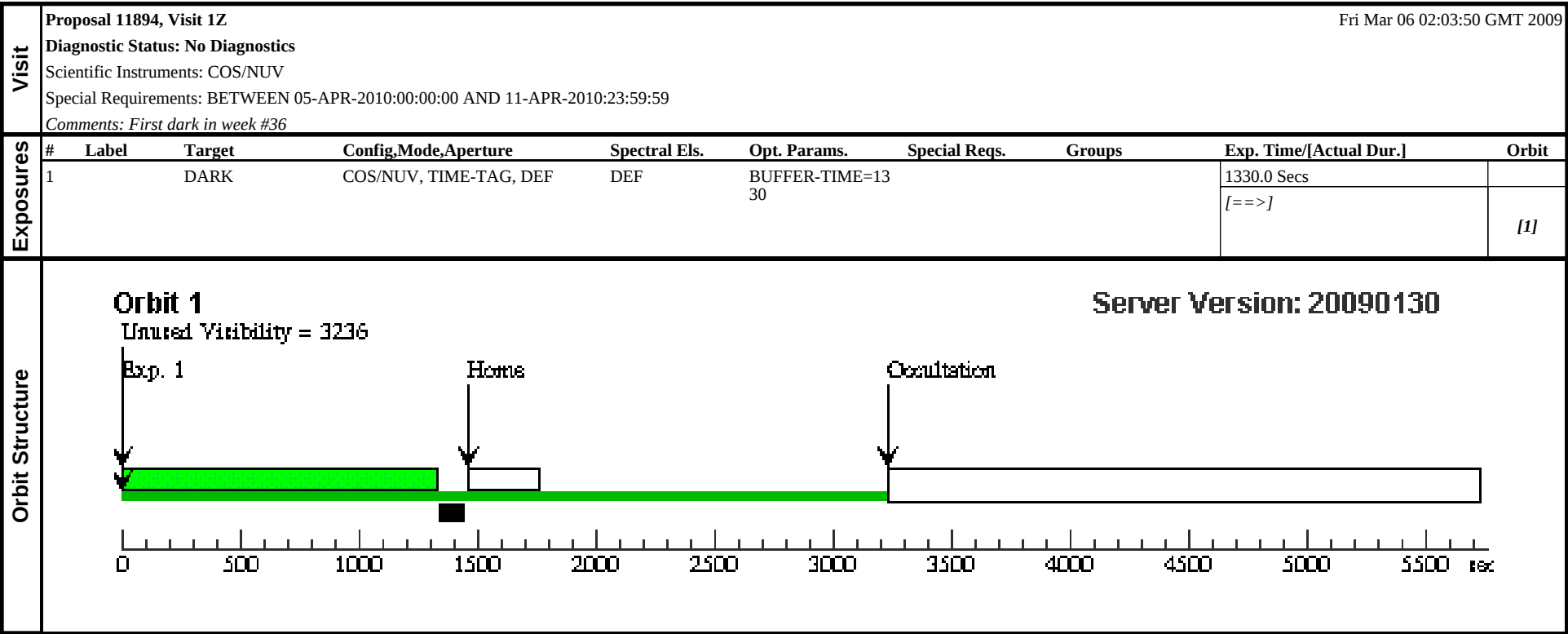


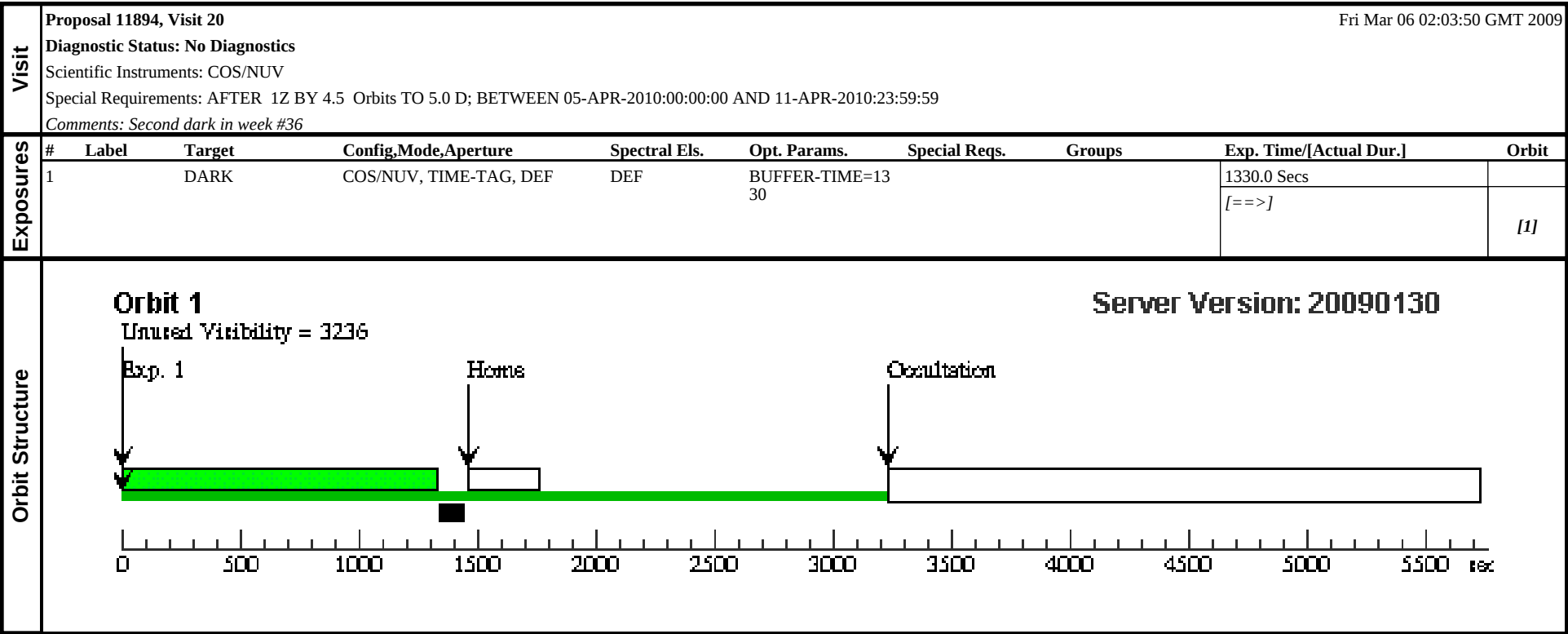


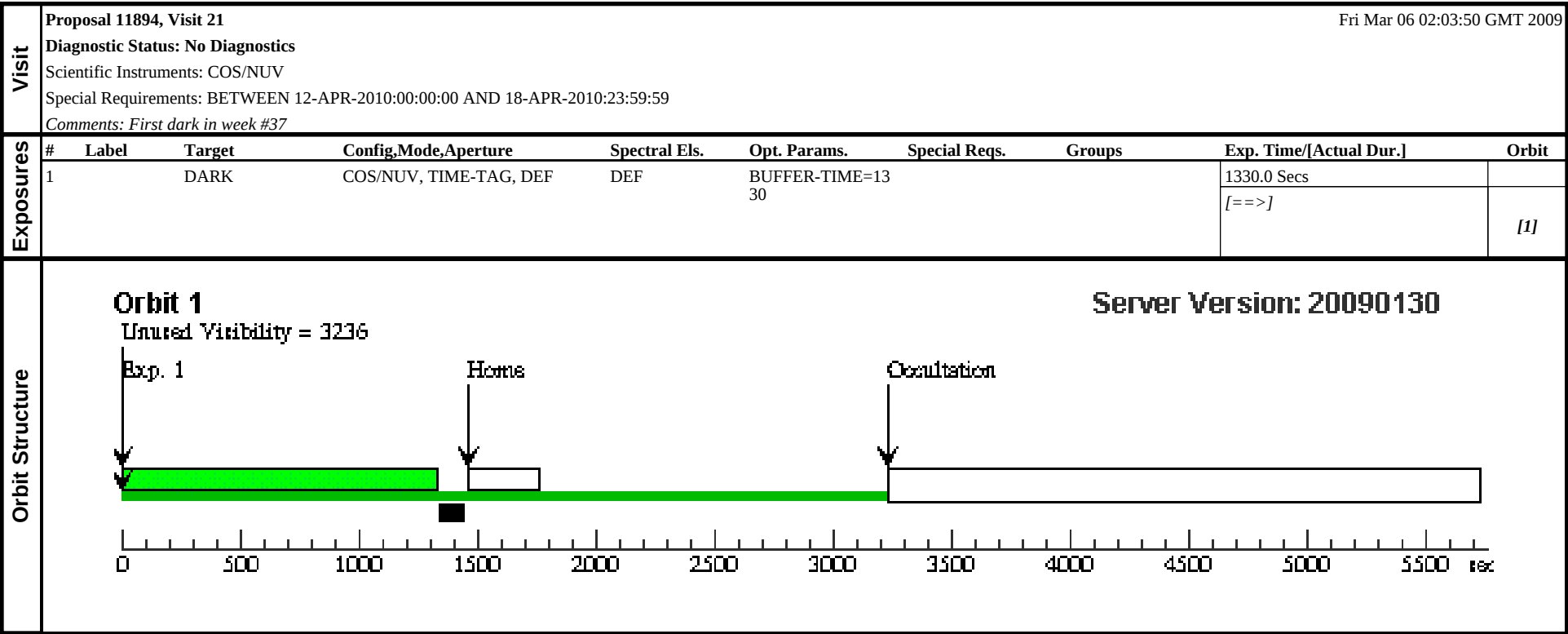
Proposal 11894 - Visit 1X - NUV Detector Dark Monitor

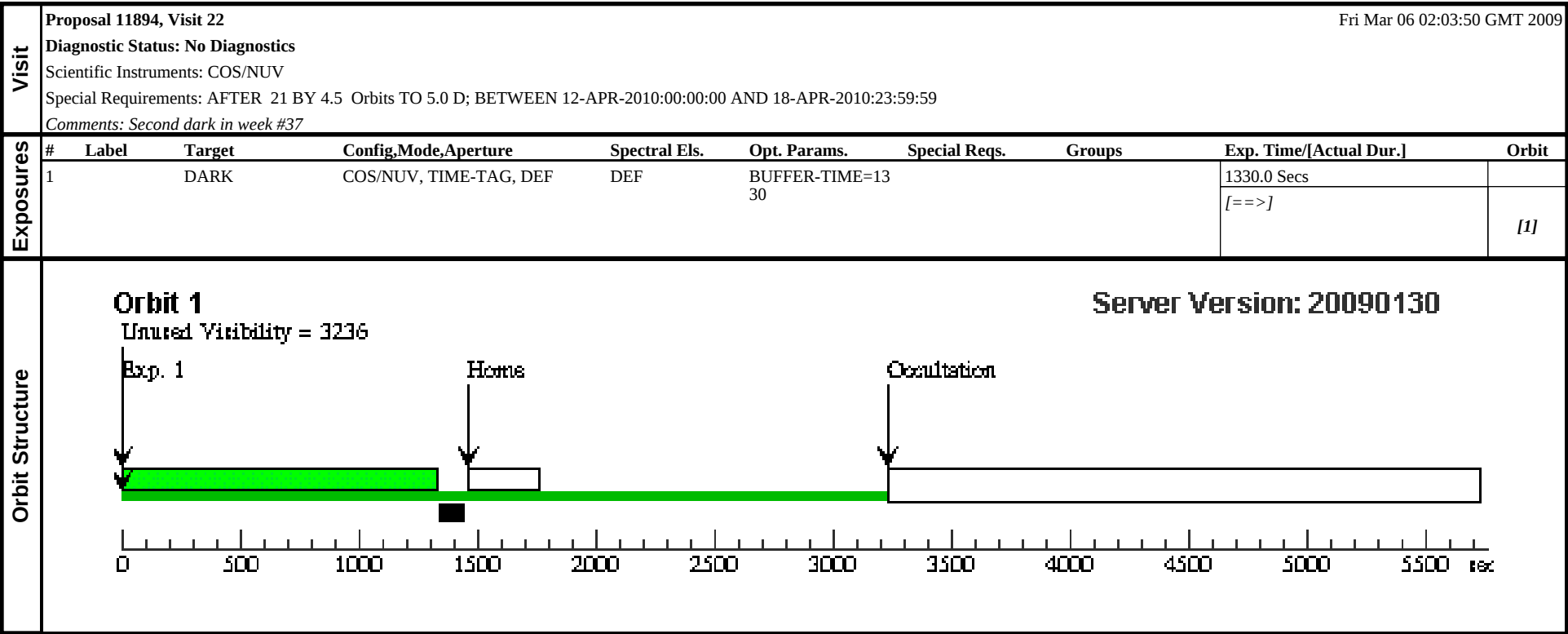


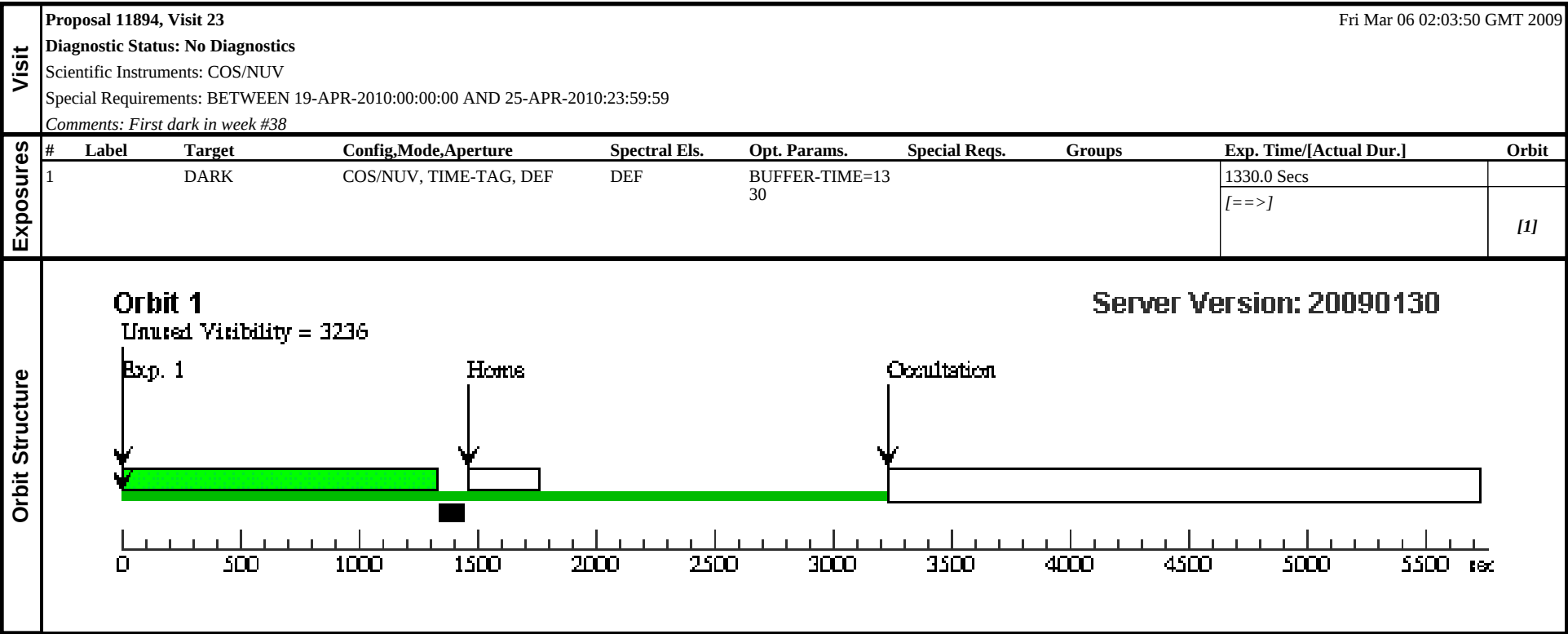


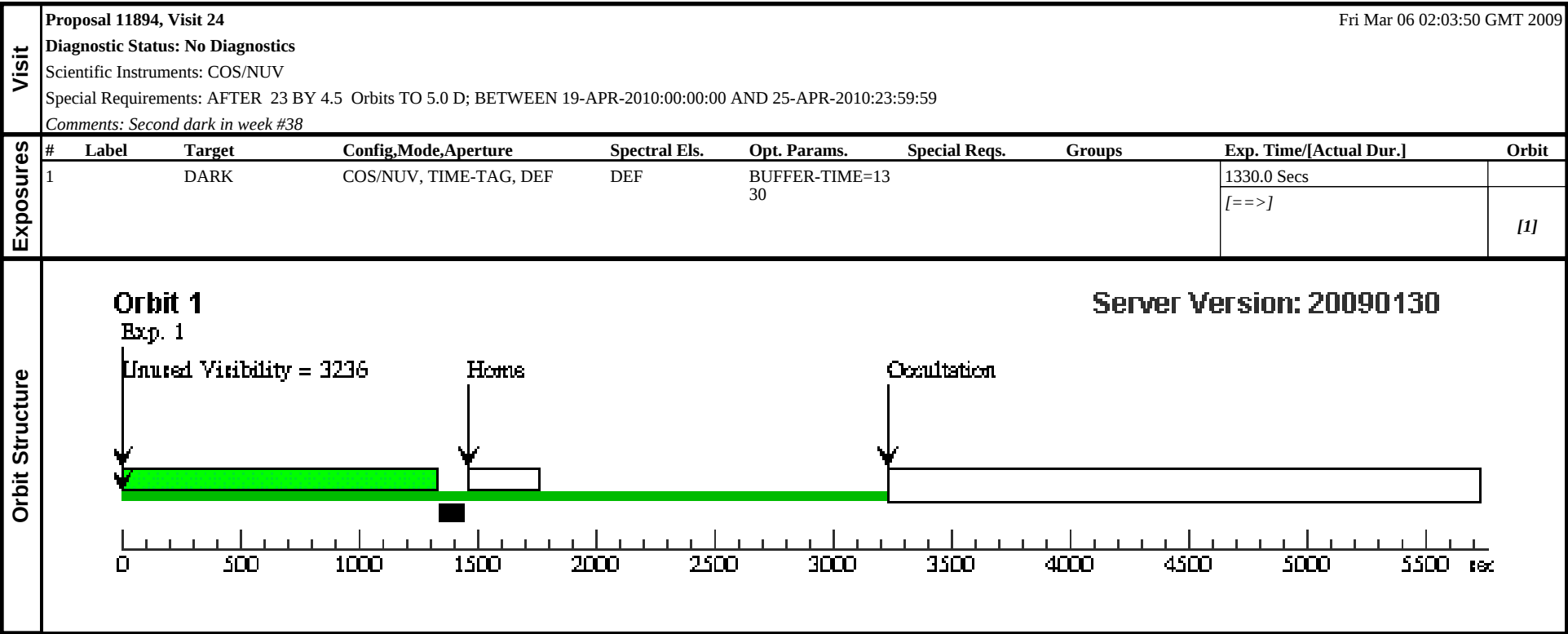








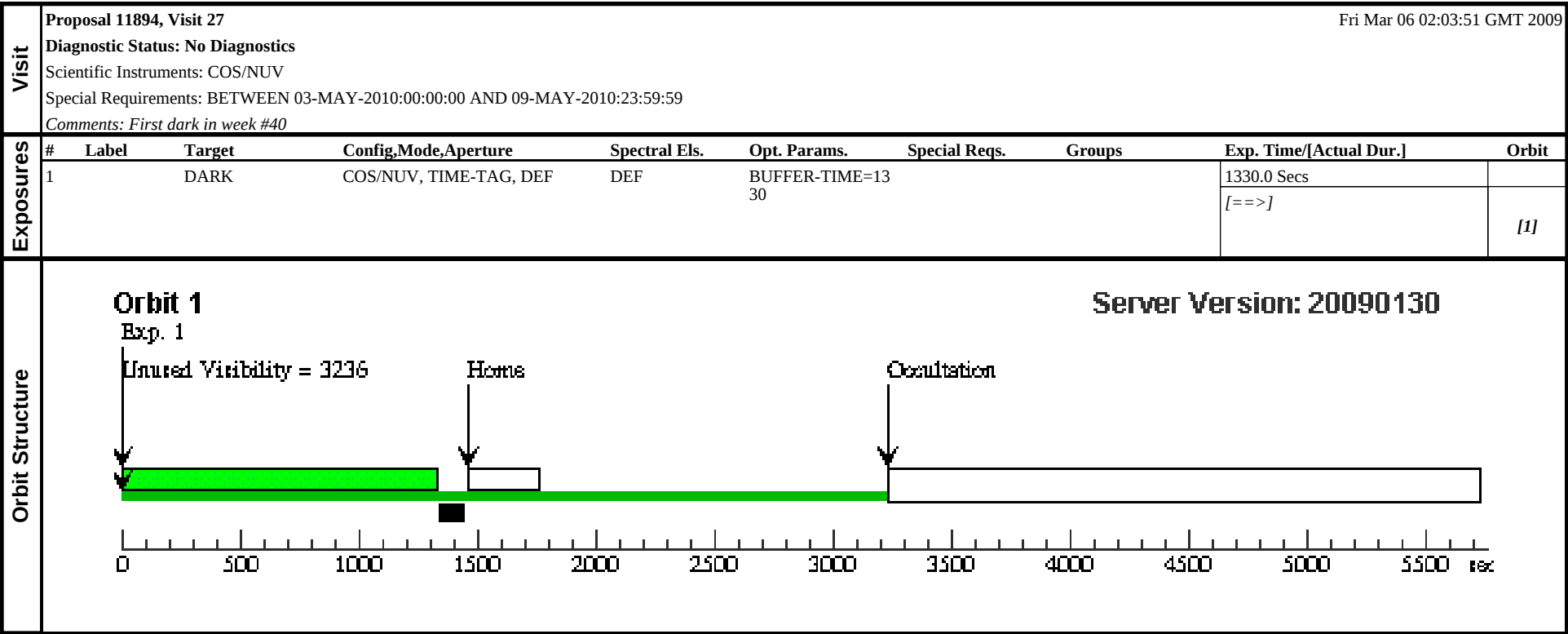


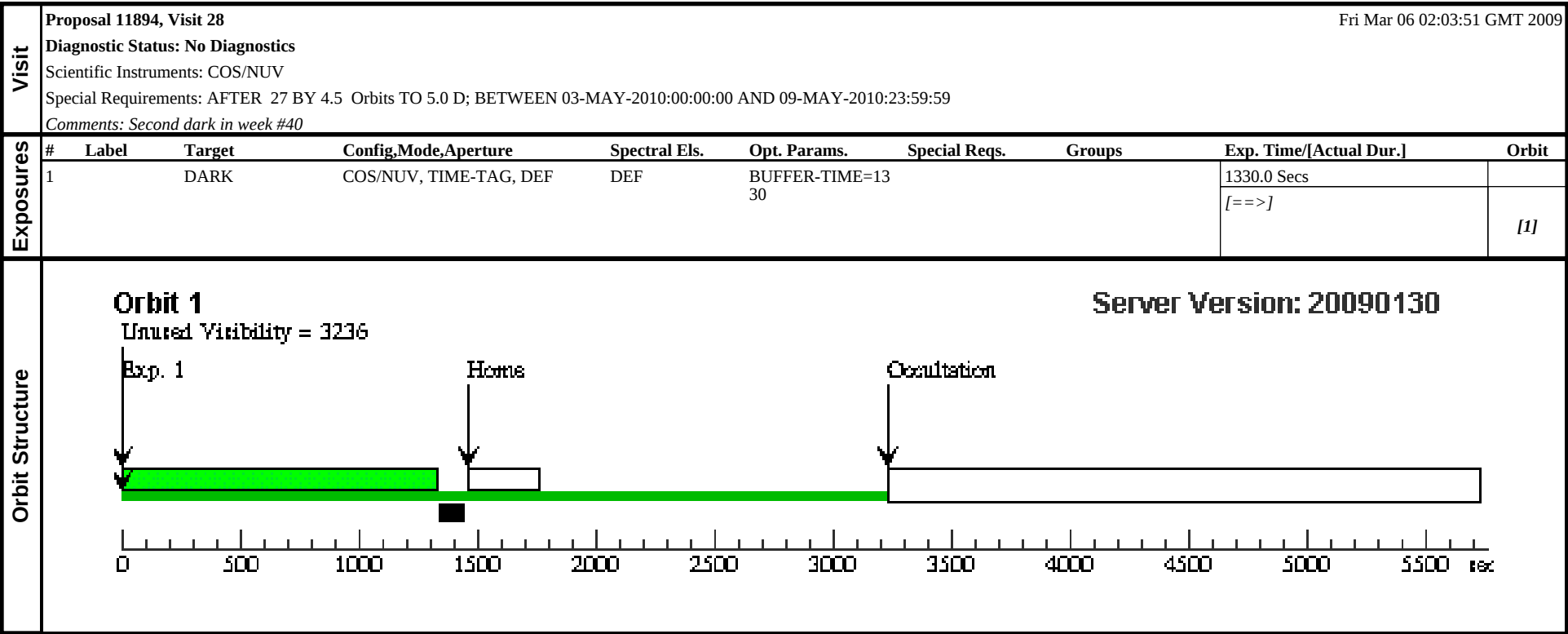


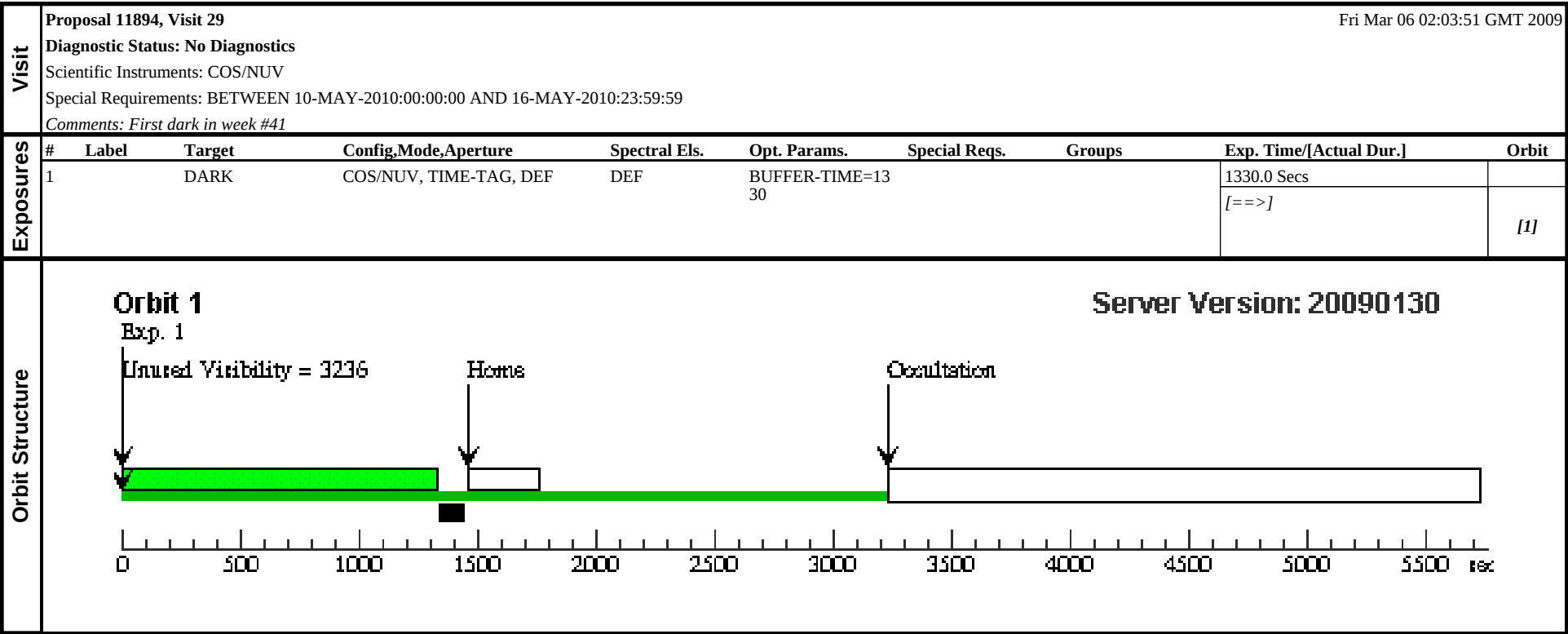
Visit	Proposal 11894, Visit 25										Fri Mar 06 02:03:51 GMT 2009
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV										
	Special Requirements: BETWEEN 26-APR-2010:00:00:00 AND 02-MAY-2010:23:59:59										
Comments: First dark in week #39											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs		
									[==>]		[1]
Orbit Structure	Orbit 1 Unused Visibility = 3236 Server Version: 20090130 Exp. 1 Home Occultation 05001000150020002500300035004000450050005500sec										

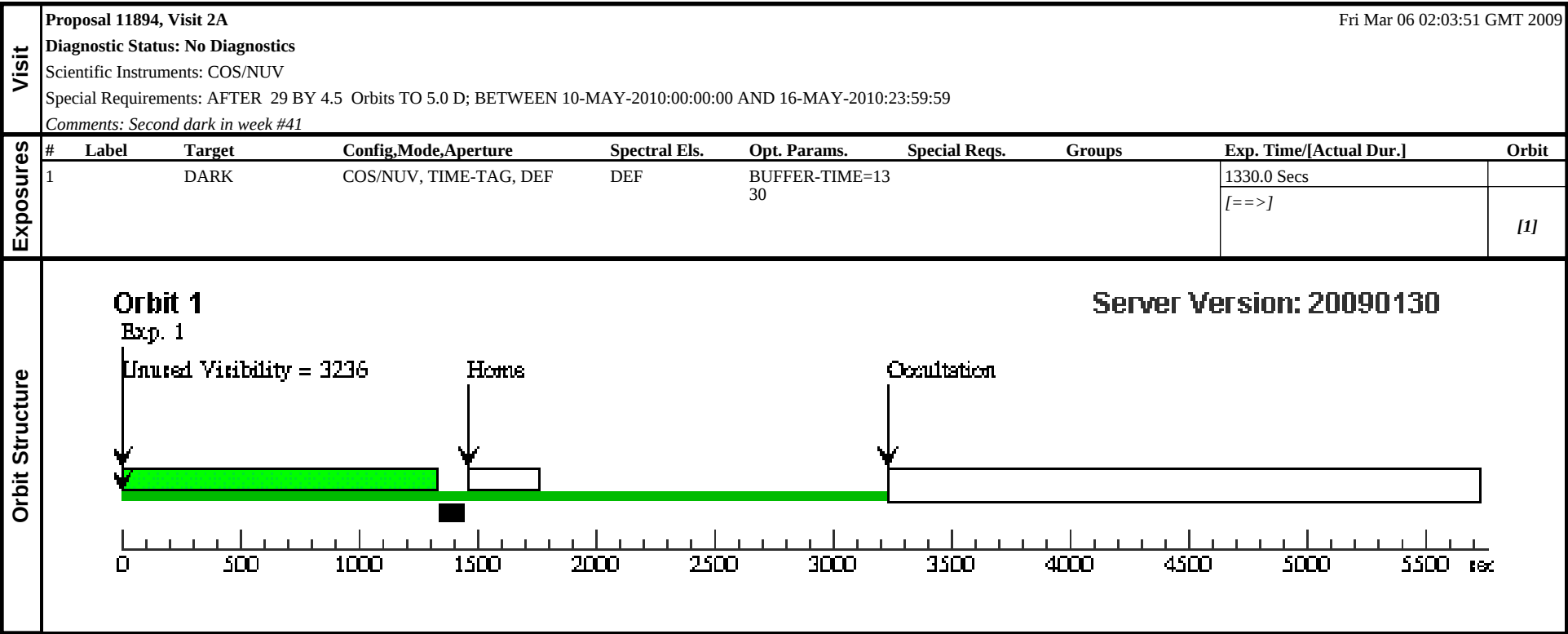
Proposal 11894 - Visit 26 - NUV Detector Dark Monitor

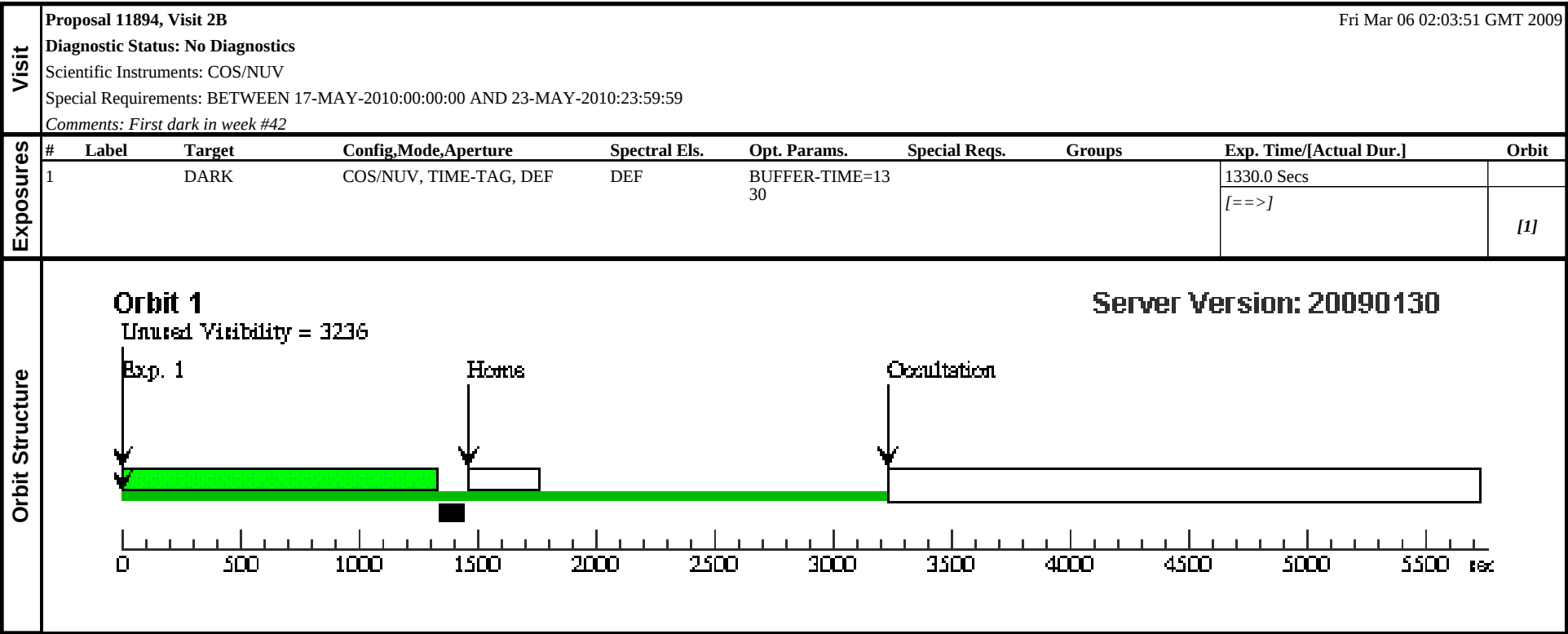
Visit	Proposal 11894, Visit 26 Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: AFTER 25 BY 4.5 Orbits TO 5.0 D; BETWEEN 26-APR-2010:00:00:00 AND 02-MAY-2010:23:59:59 Comments: Second dark in week #39									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs	
									[==>]	[1]
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation									
	Server Version: 20090130									

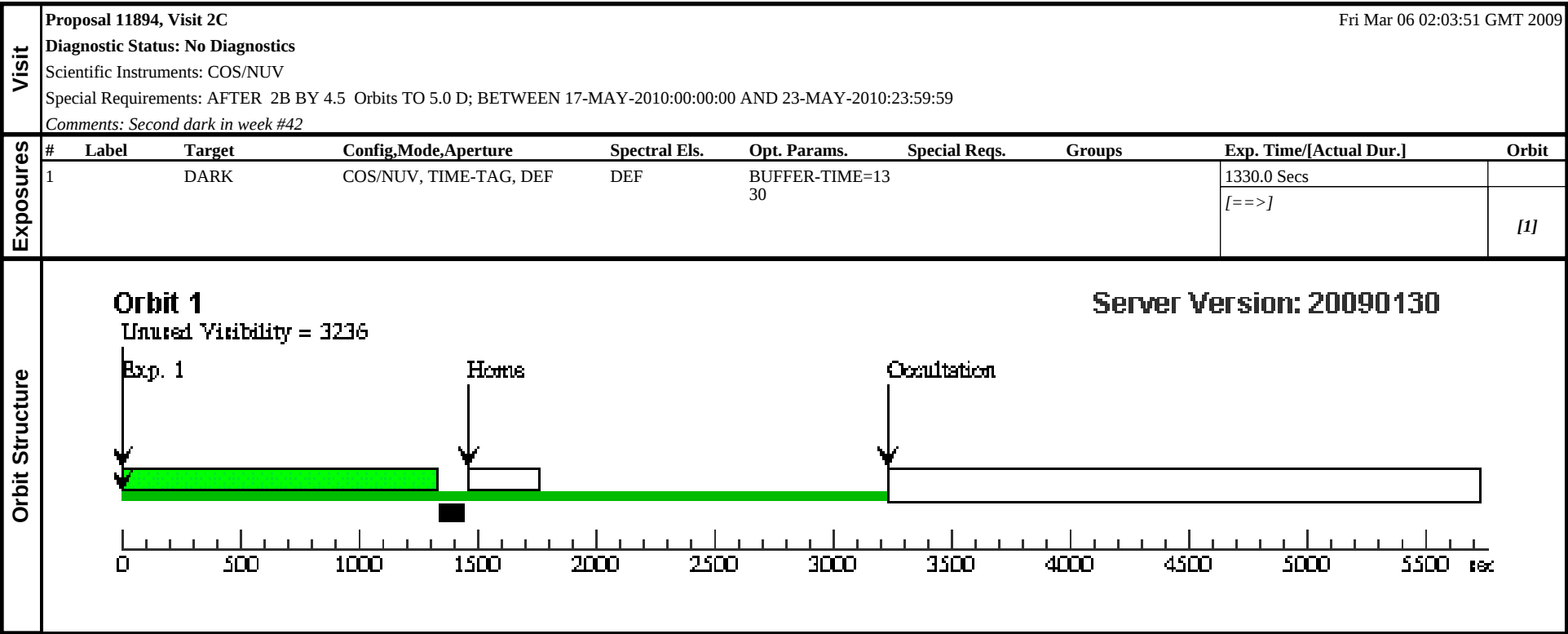




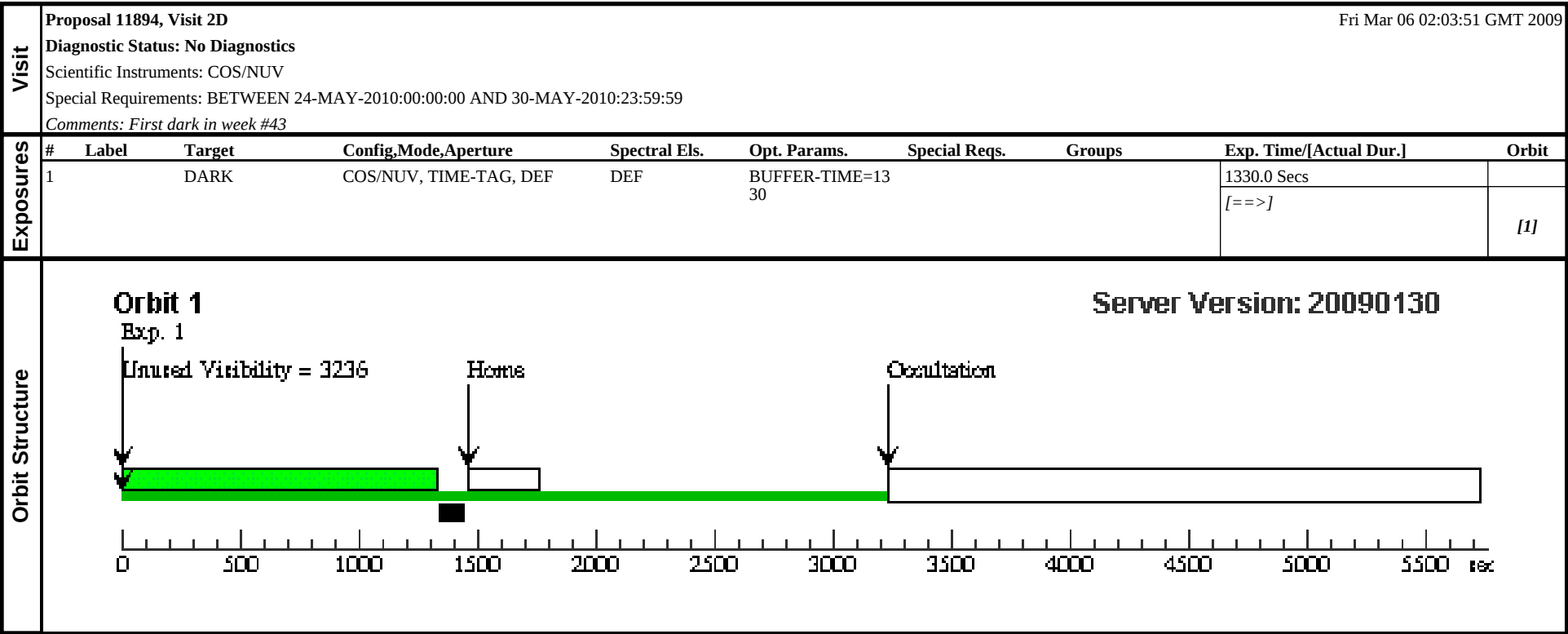


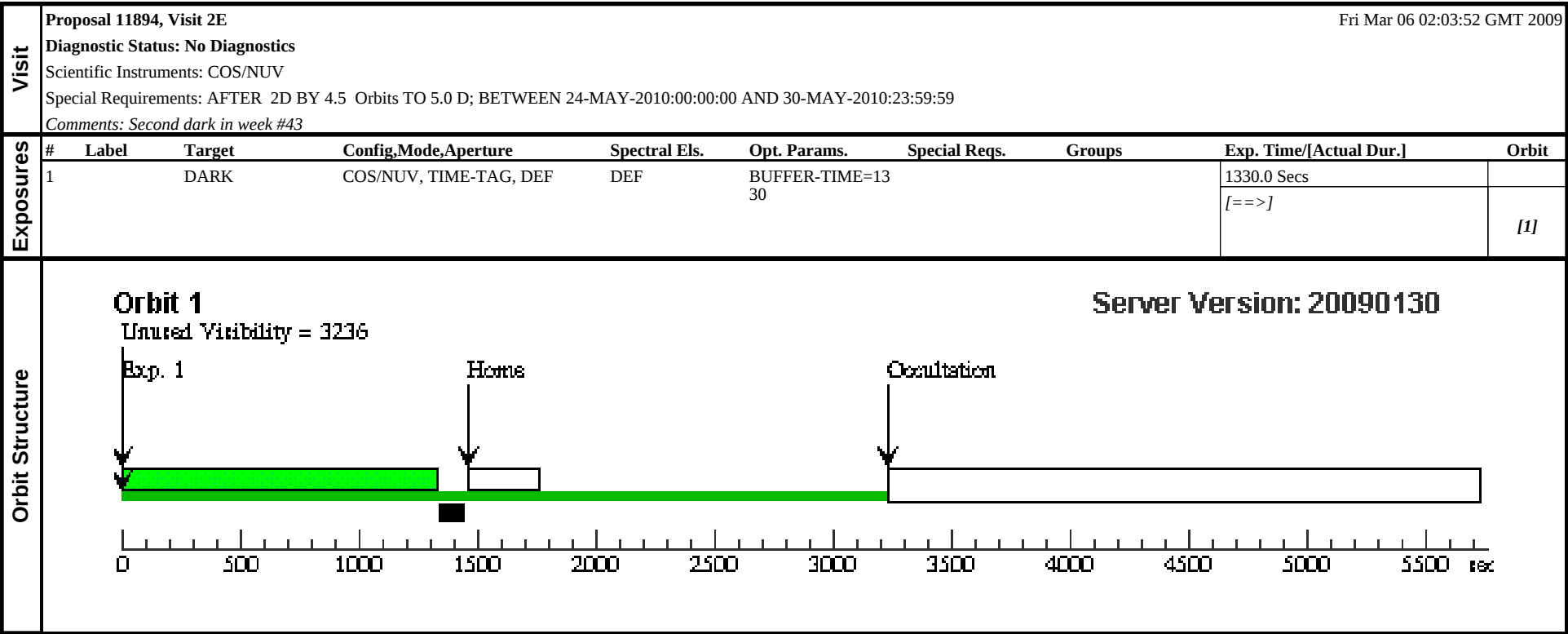


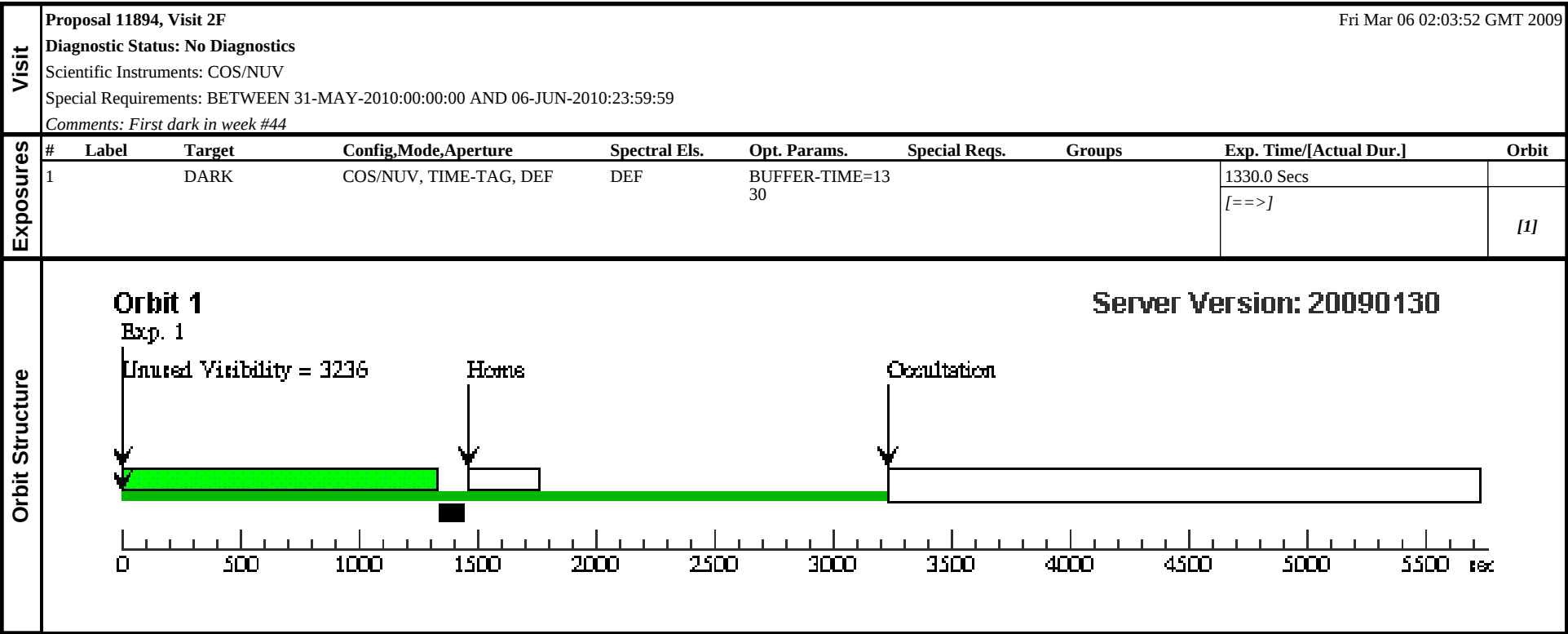




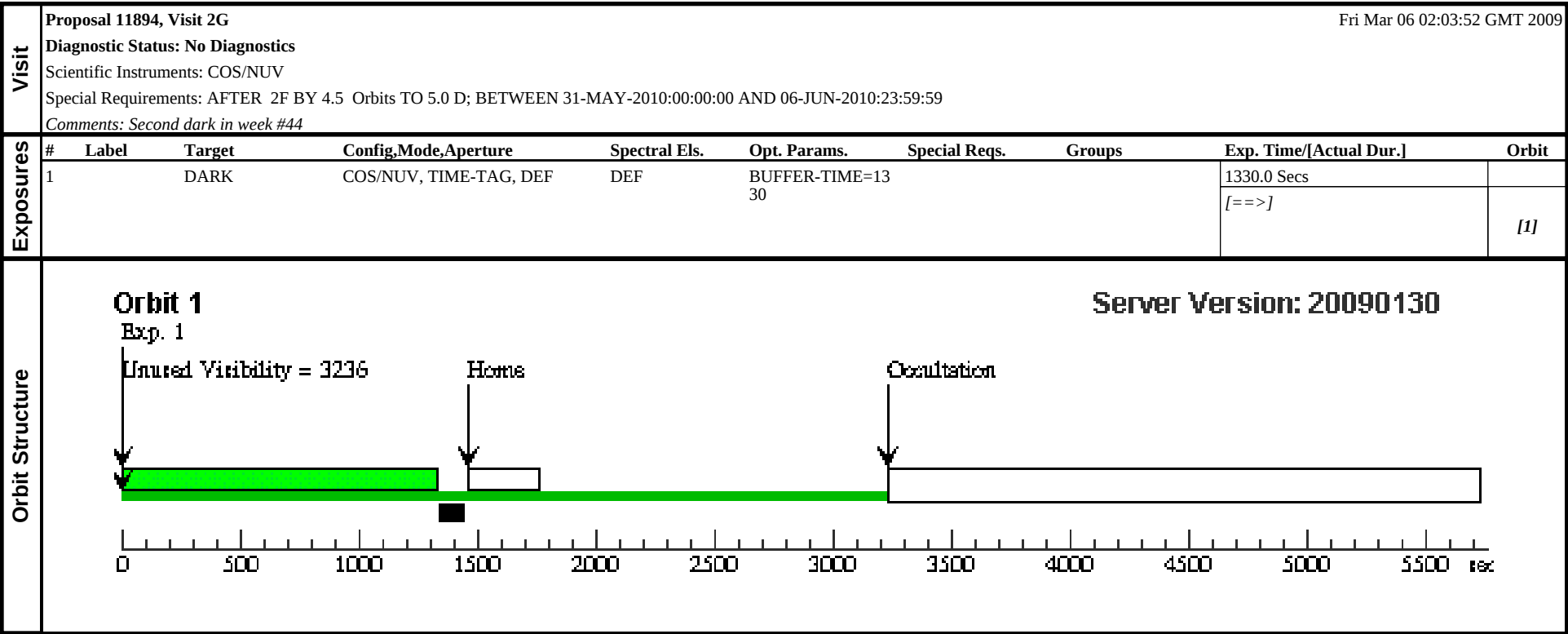
Proposal 11894 - Visit 2D - NUV Detector Dark Monitor

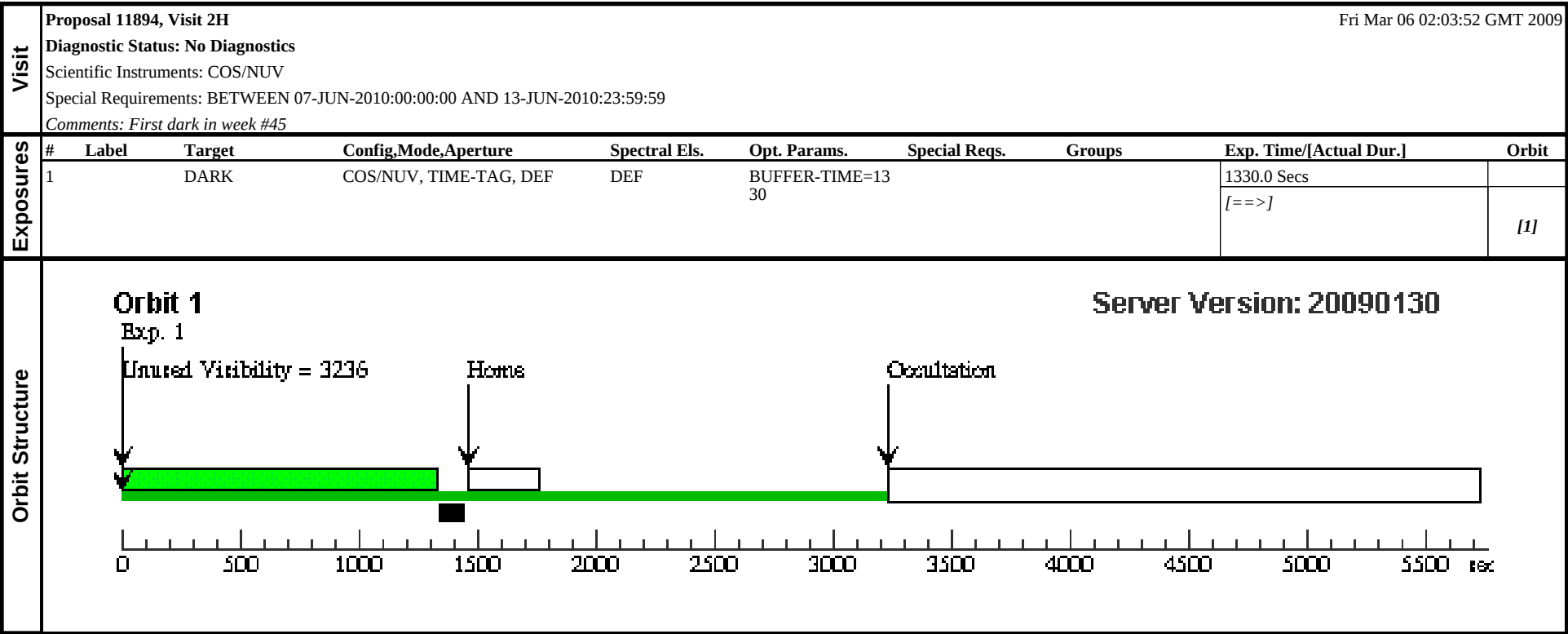


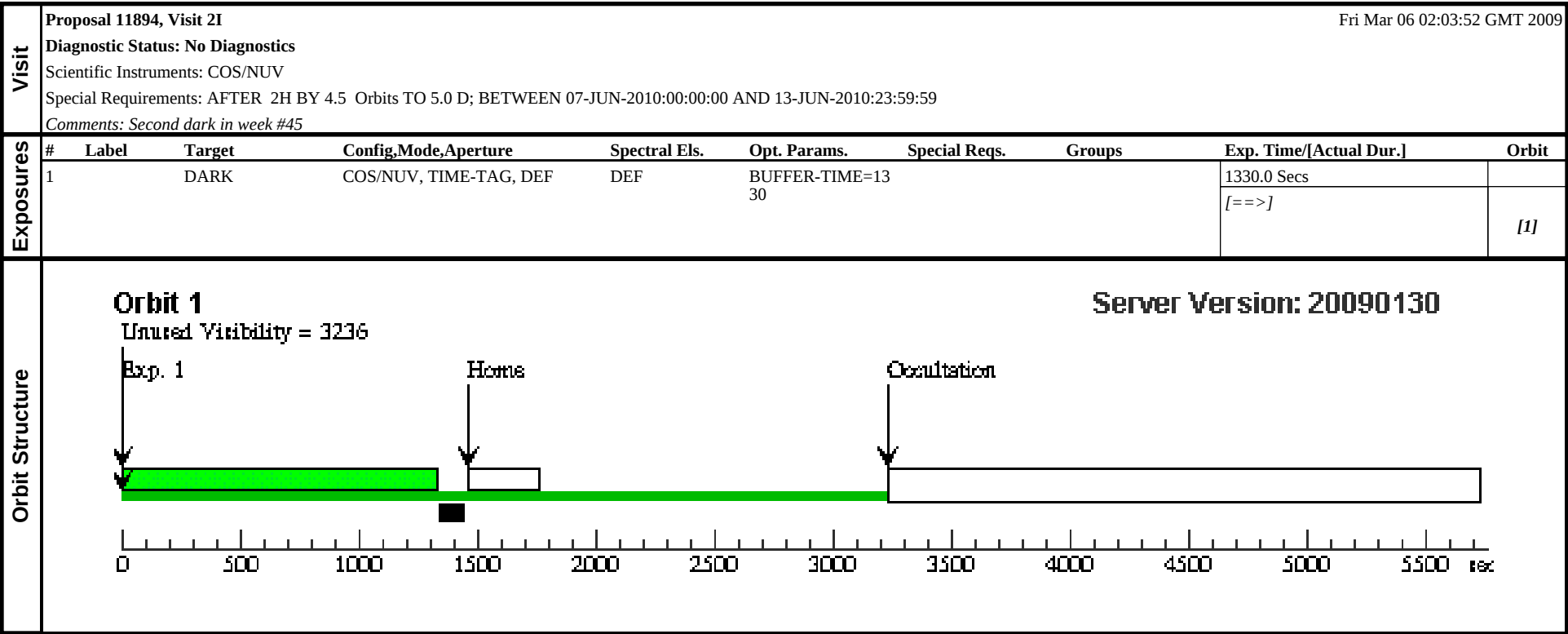




Proposal 11894 - Visit 2G - NUV Detector Dark Monitor

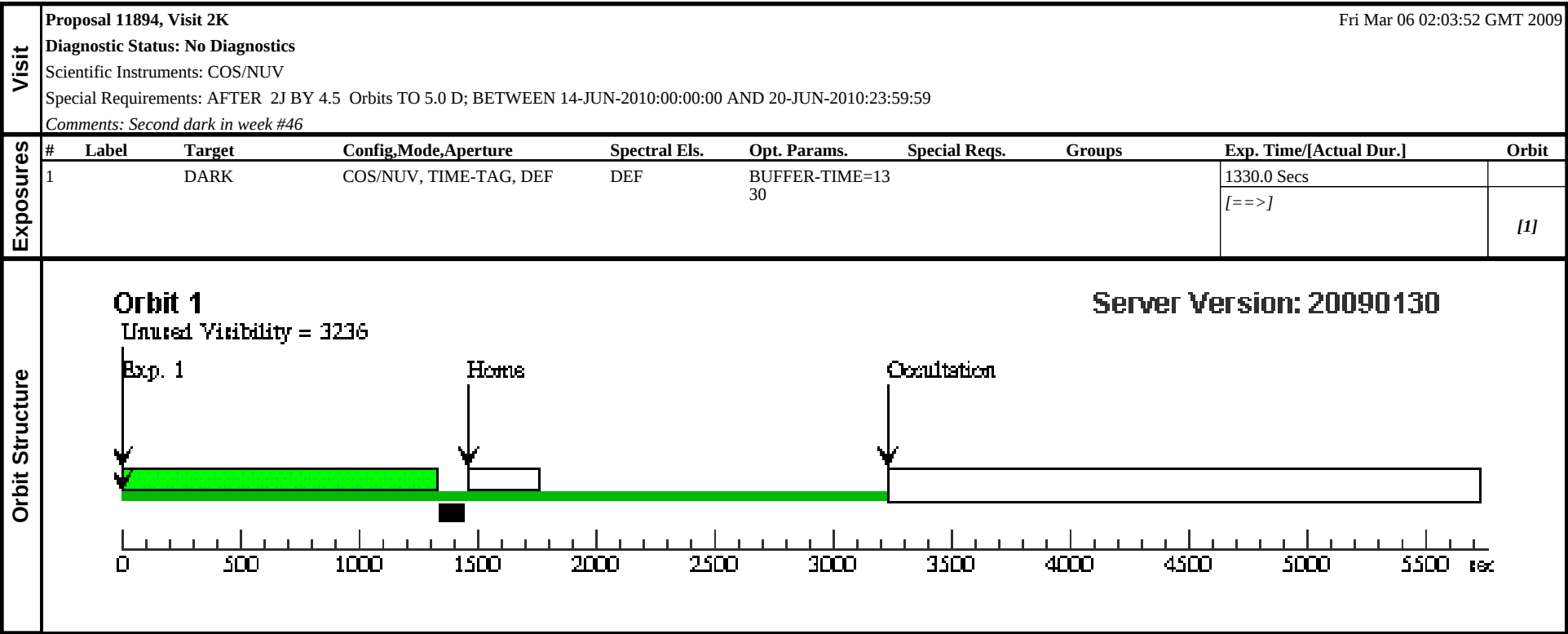


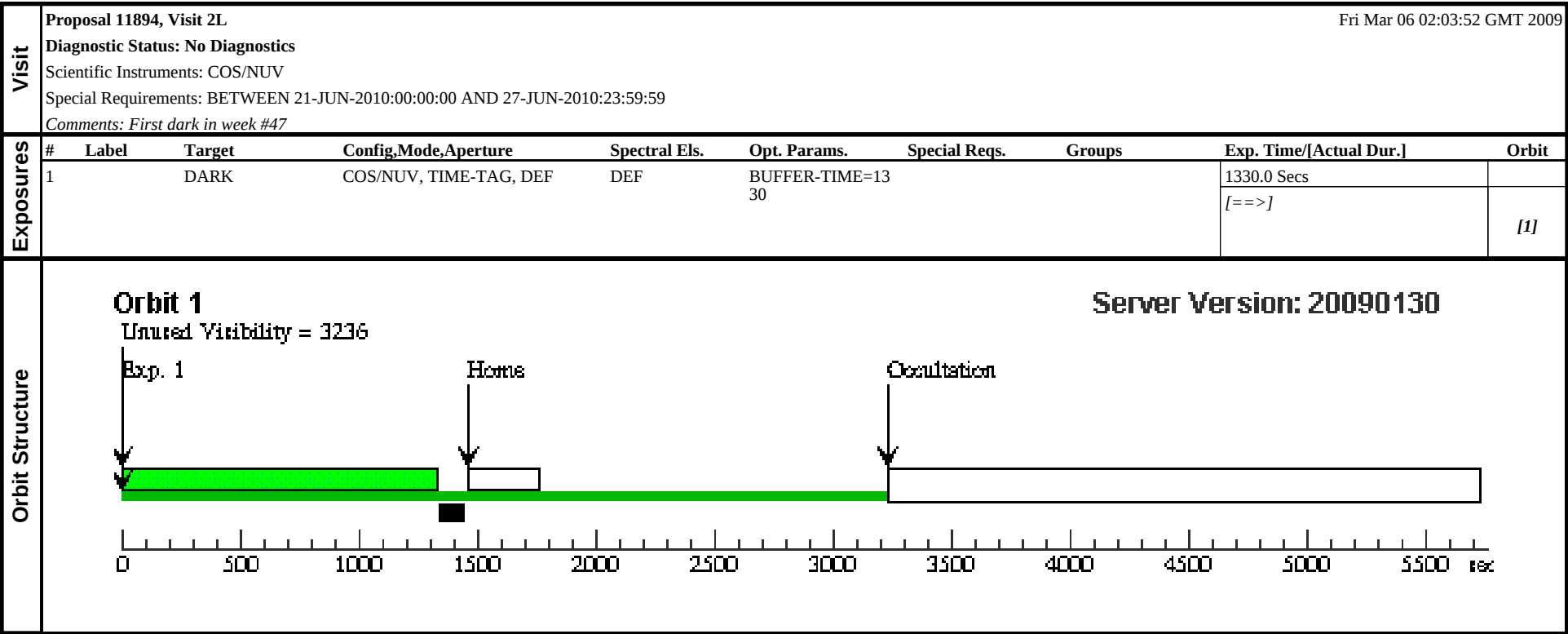




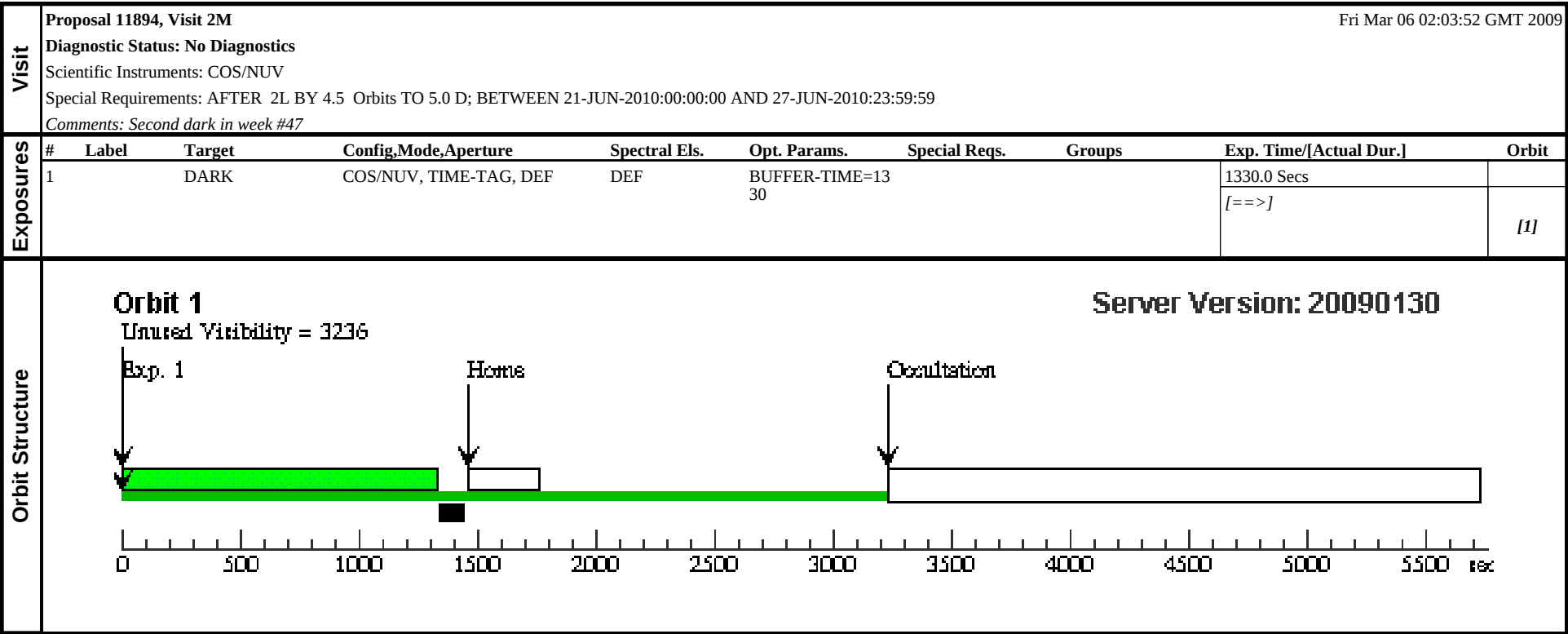
Proposal 11894 - Visit 2J - NUV Detector Dark Monitor

Visit	Proposal 11894, Visit 2J										Fri Mar 06 02:03:52 GMT 2009
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV										
	Special Requirements: BETWEEN 14-JUN-2010:00:00:00 AND 20-JUN-2010:23:59:59										
	Comments: First dark in week #46										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		DARK	COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs		
									[==>]	[1]	
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3236 Home Occultation Server Version: 20090130										

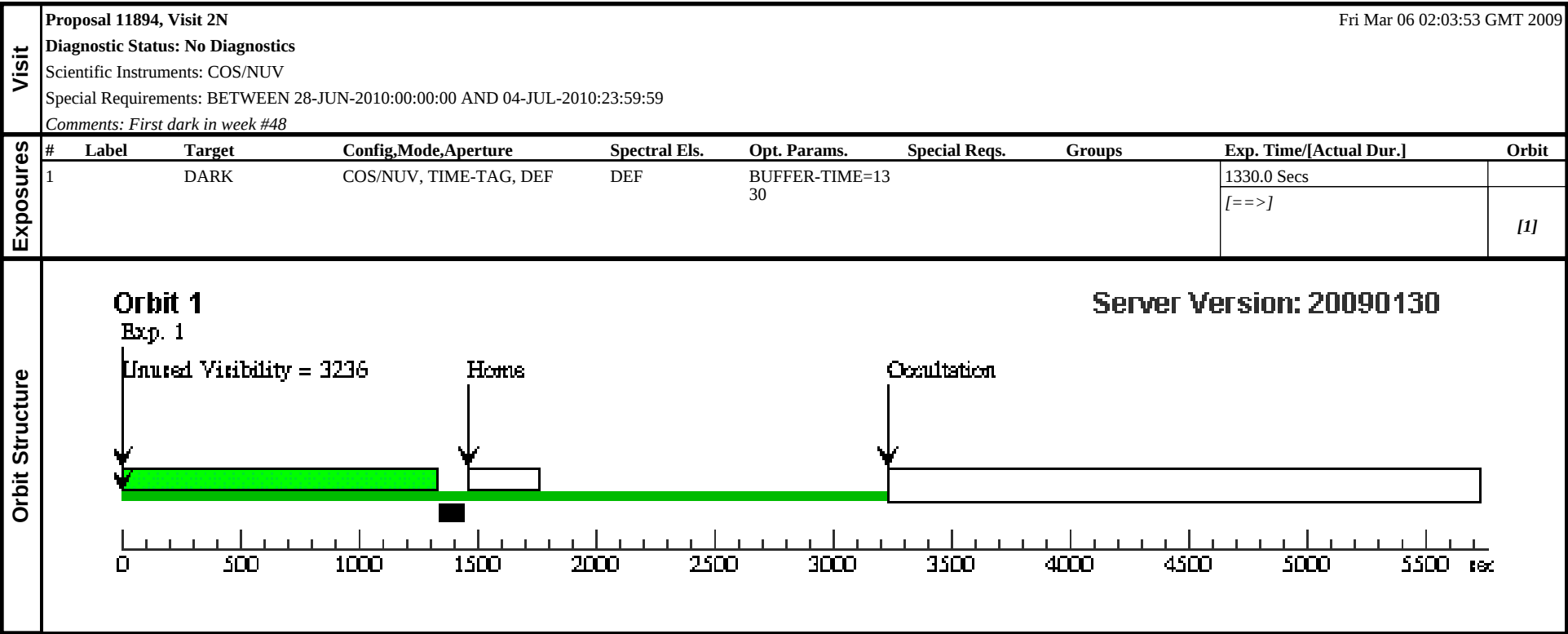




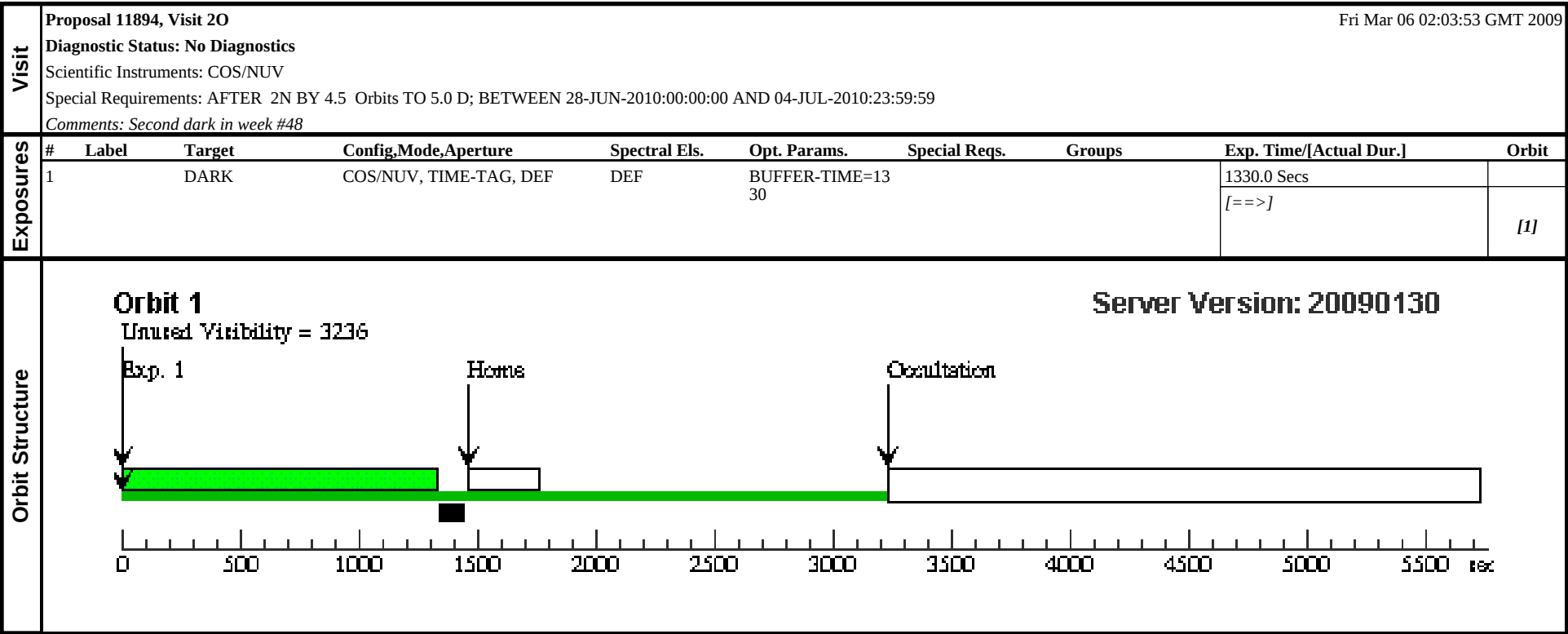
Proposal 11894 - Visit 2M - NUV Detector Dark Monitor



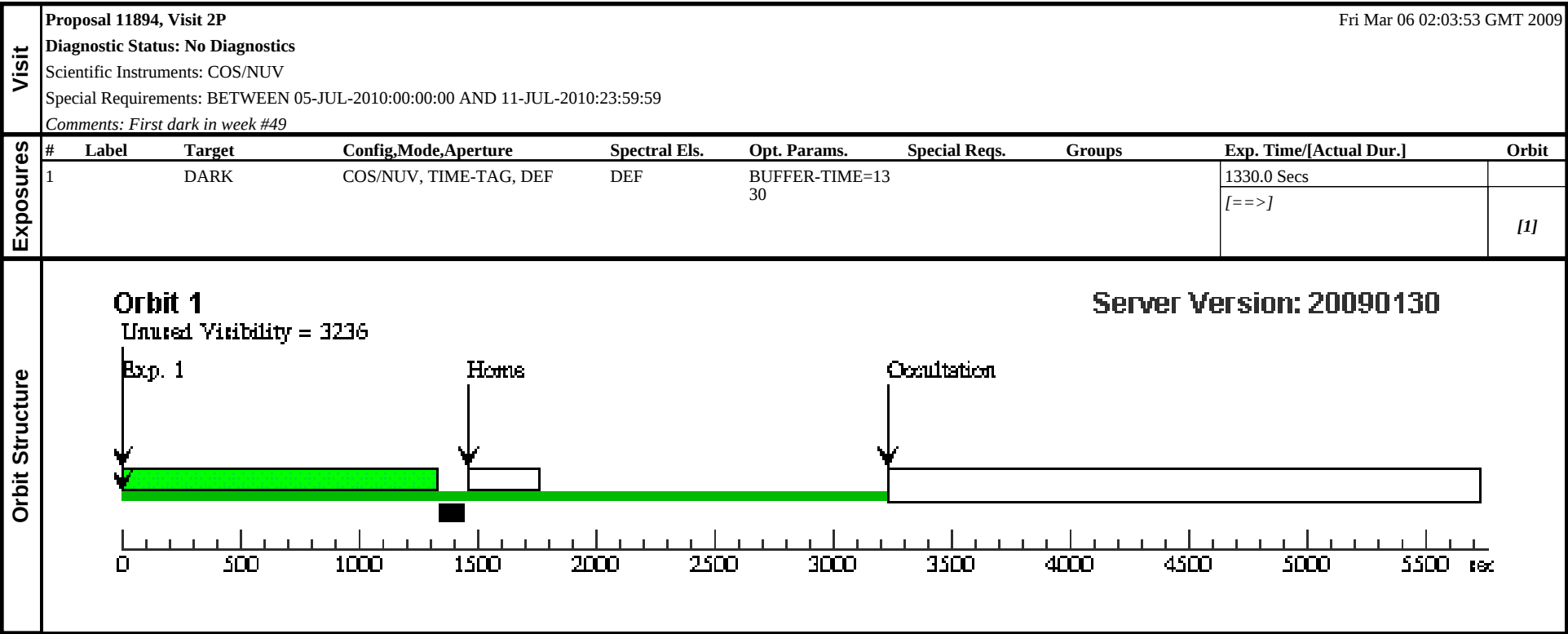
Proposal 11894 - Visit 2N - NUV Detector Dark Monitor



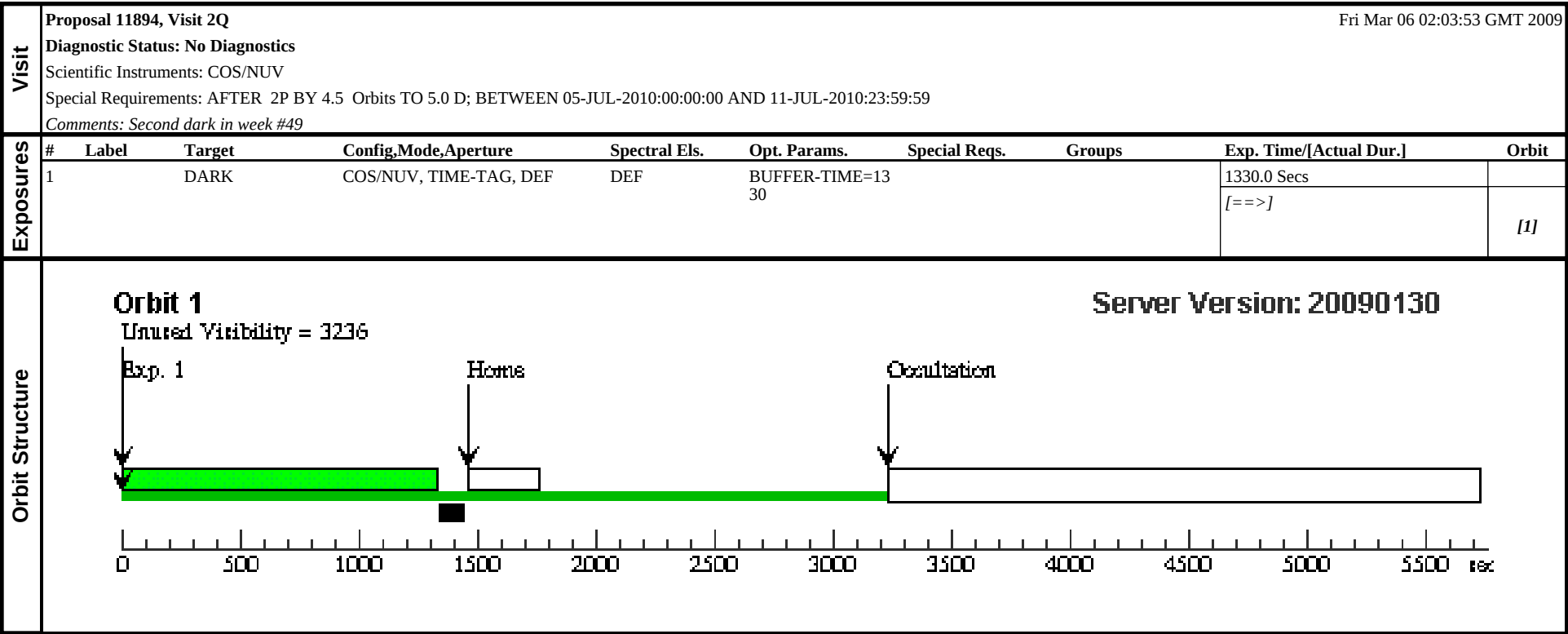
Proposal 11894 - Visit 2O - NUV Detector Dark Monitor

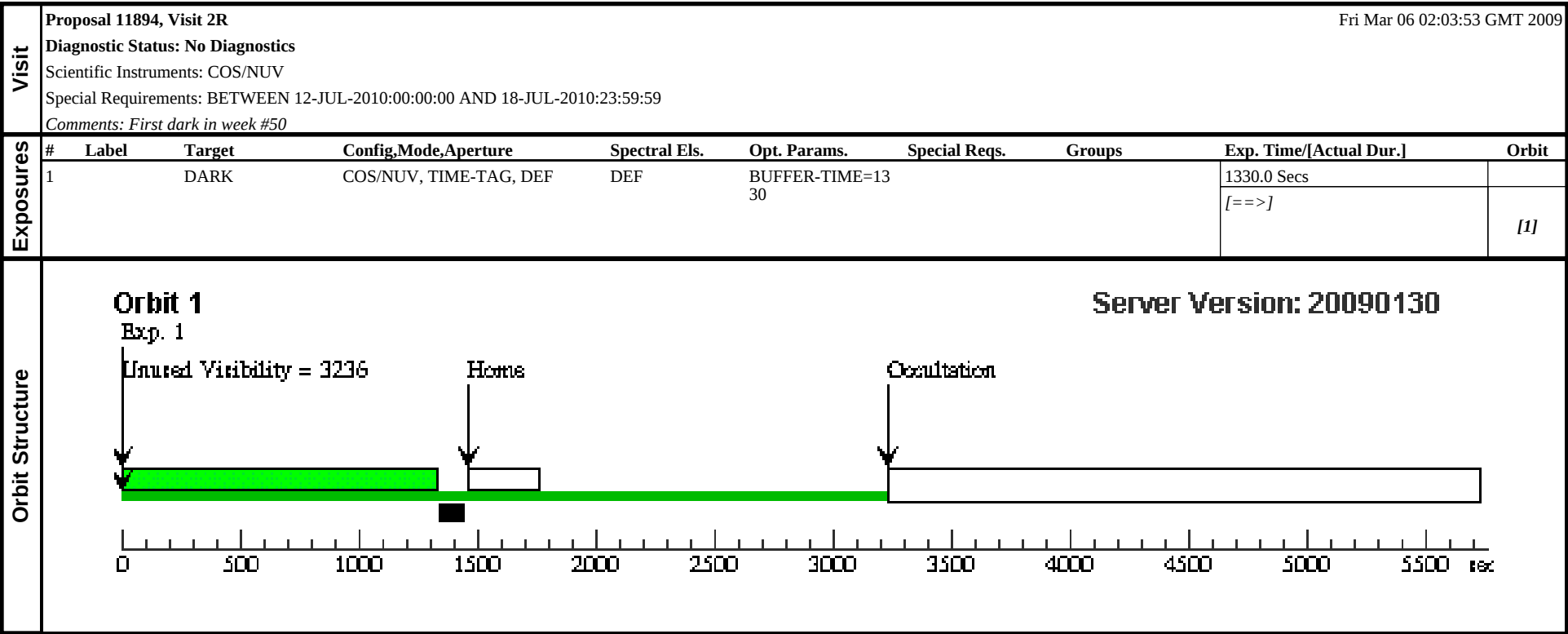


Proposal 11894 - Visit 2P - NUV Detector Dark Monitor

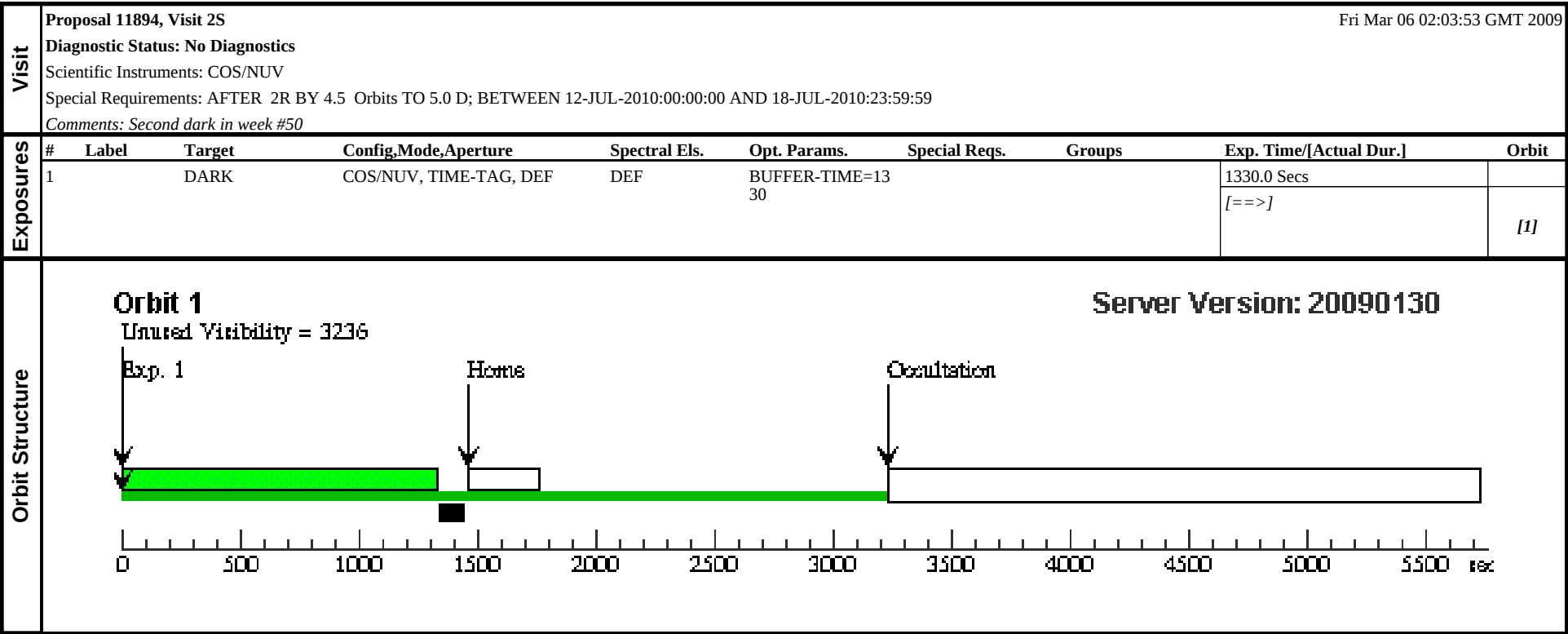


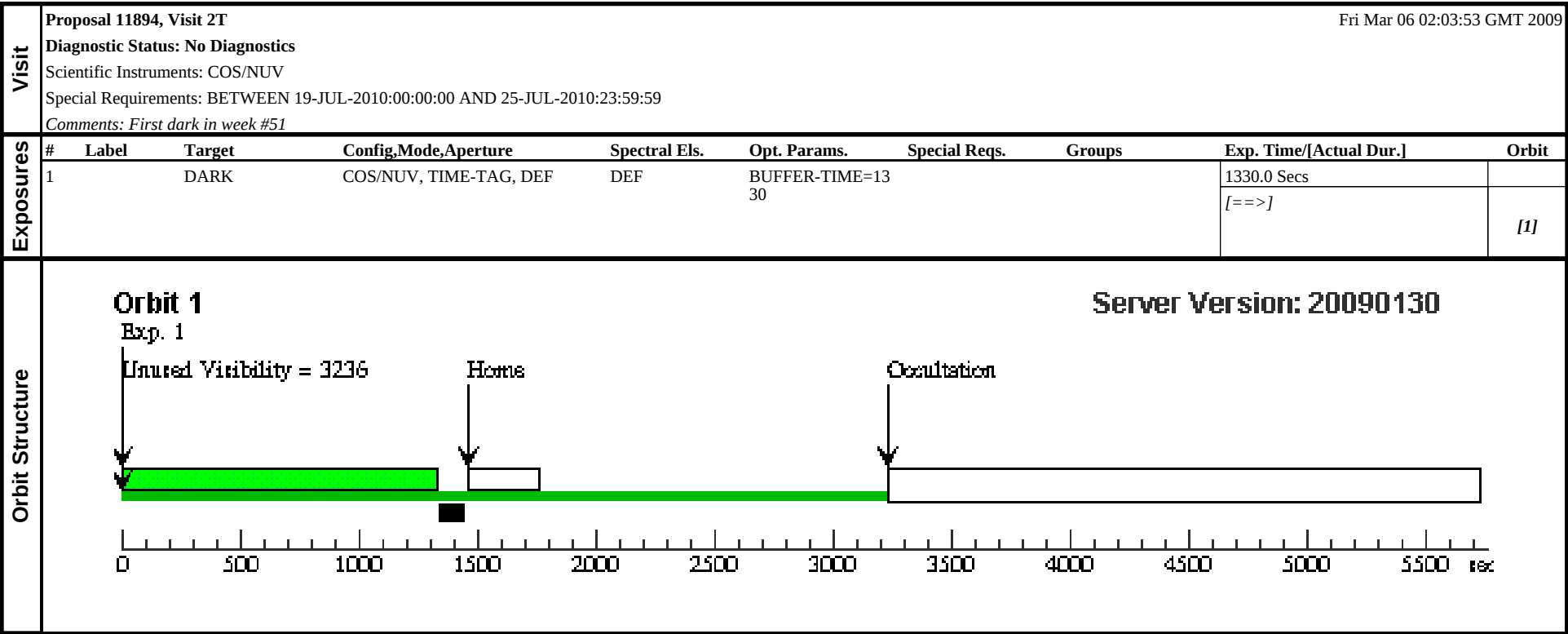
Proposal 11894 - Visit 2Q - NUV Detector Dark Monitor



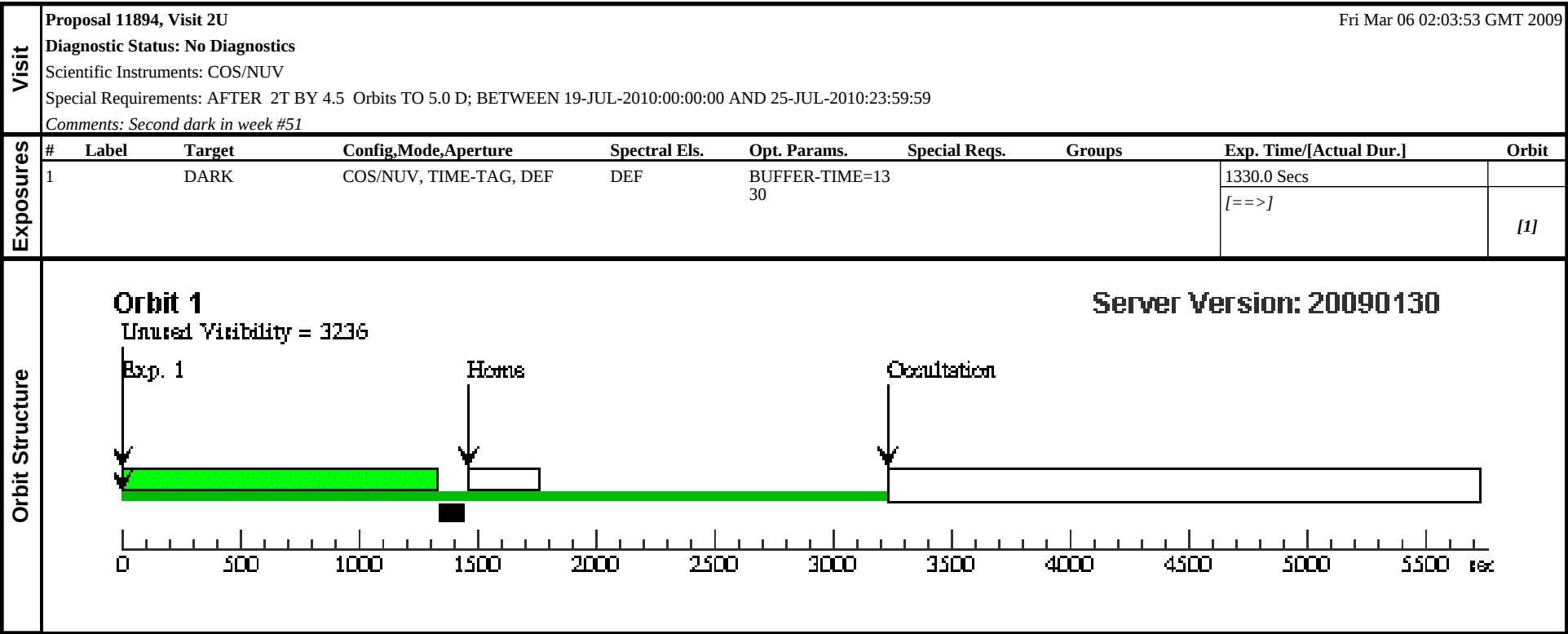


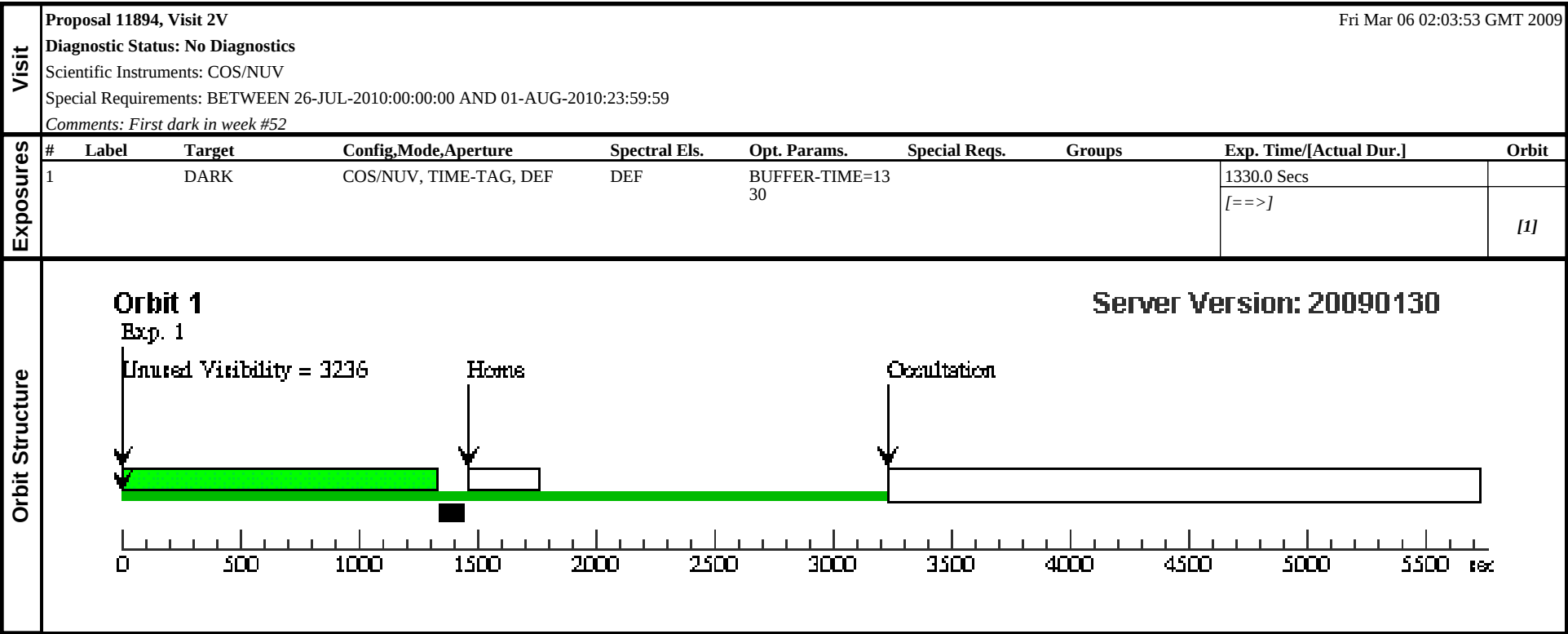
Proposal 11894 - Visit 2S - NUV Detector Dark Monitor

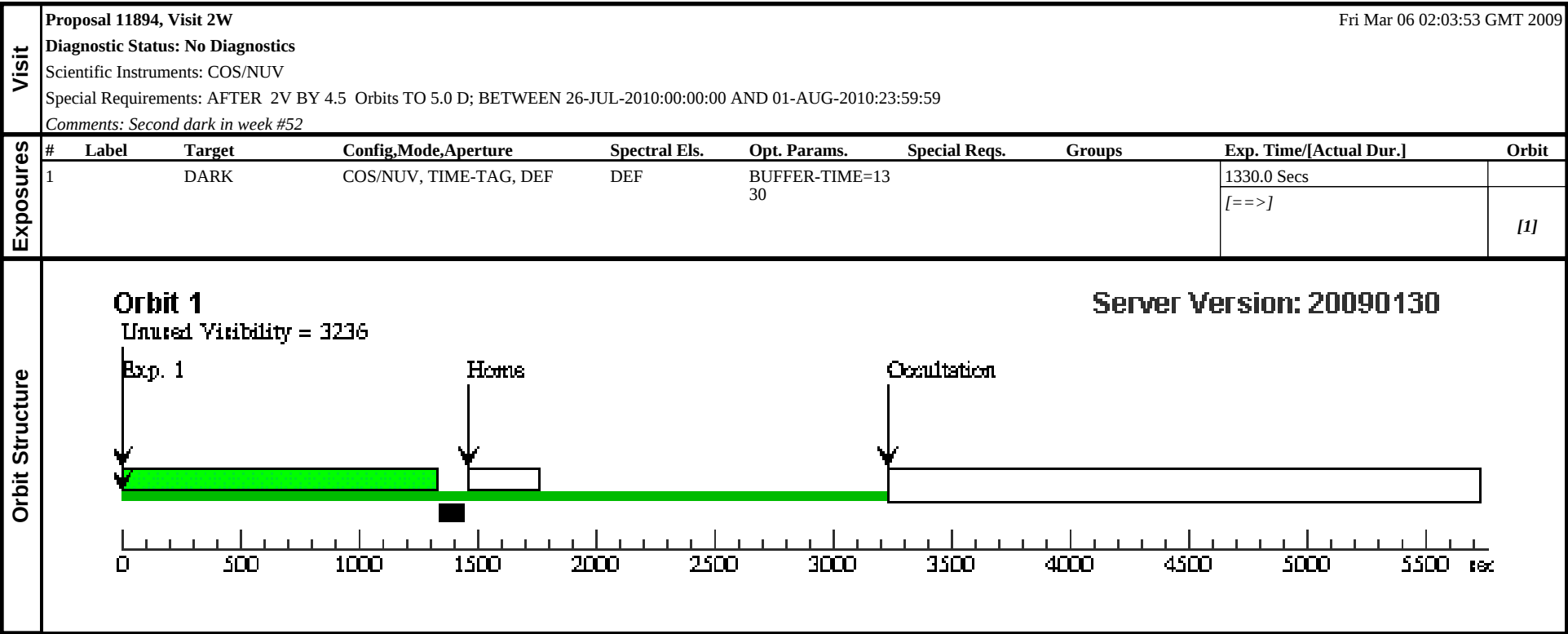




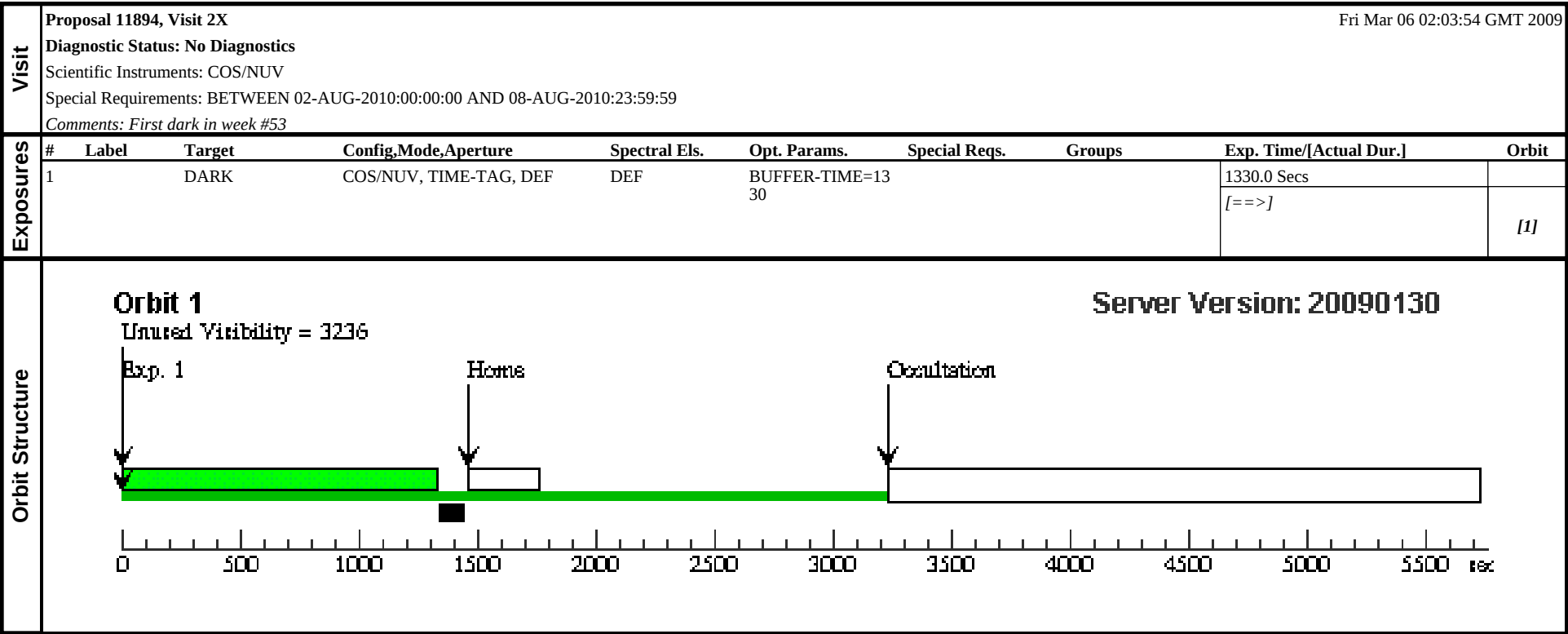
Proposal 11894 - Visit 2U - NUV Detector Dark Monitor

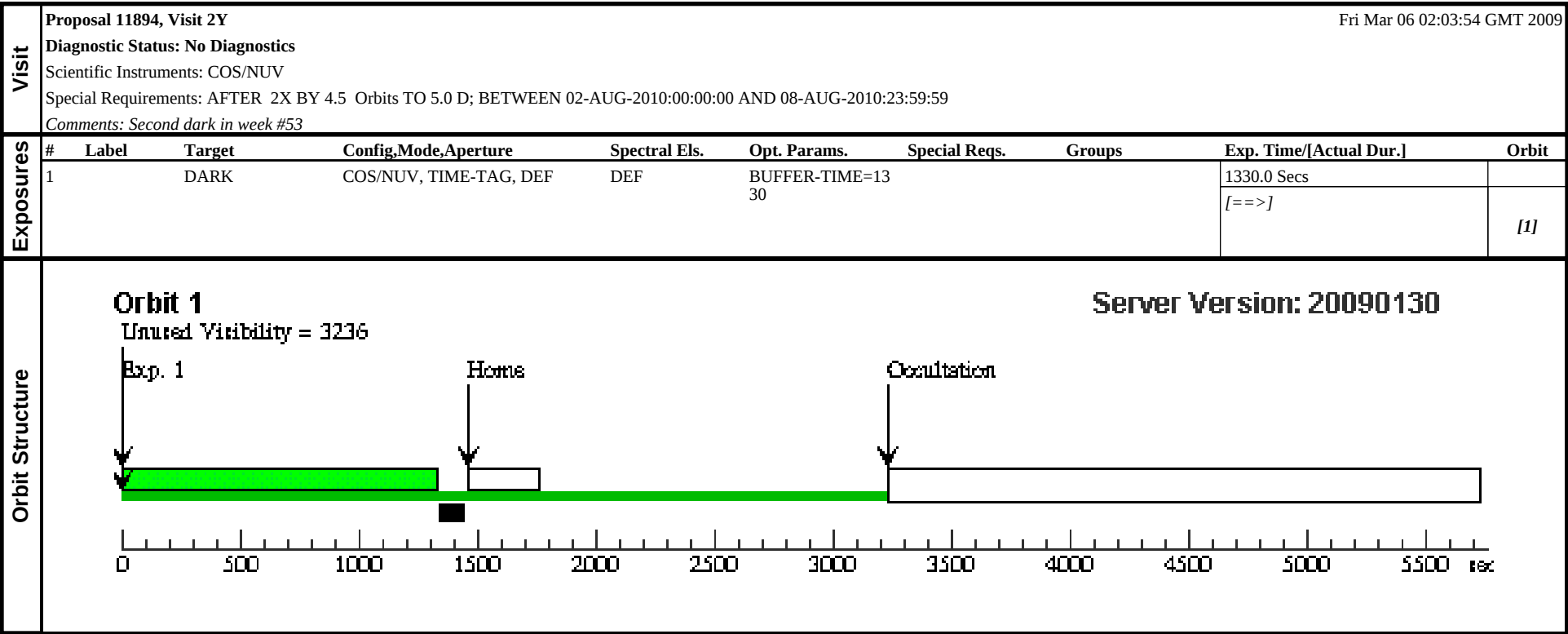






Proposal 11894 - Visit 2X - NUV Detector Dark Monitor





Proposal 11894 - Visit 2Z - NUV Detector Dark Monitor

