

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3781 - L2 Version 3
Chandra X-Ray Center

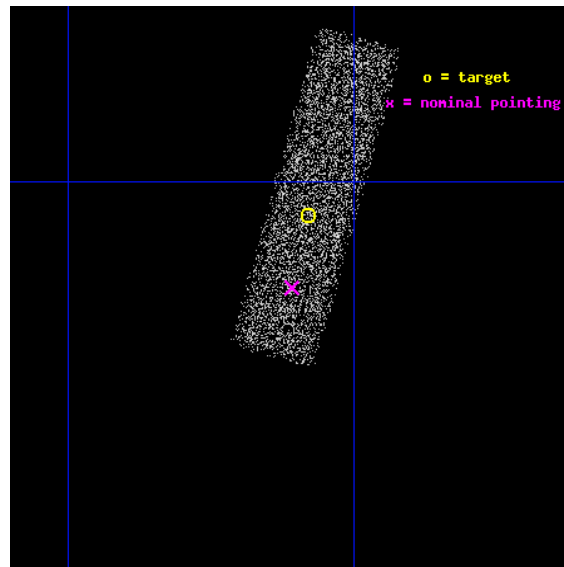
L2 Processing Date : Oct 23 2012

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1 Front

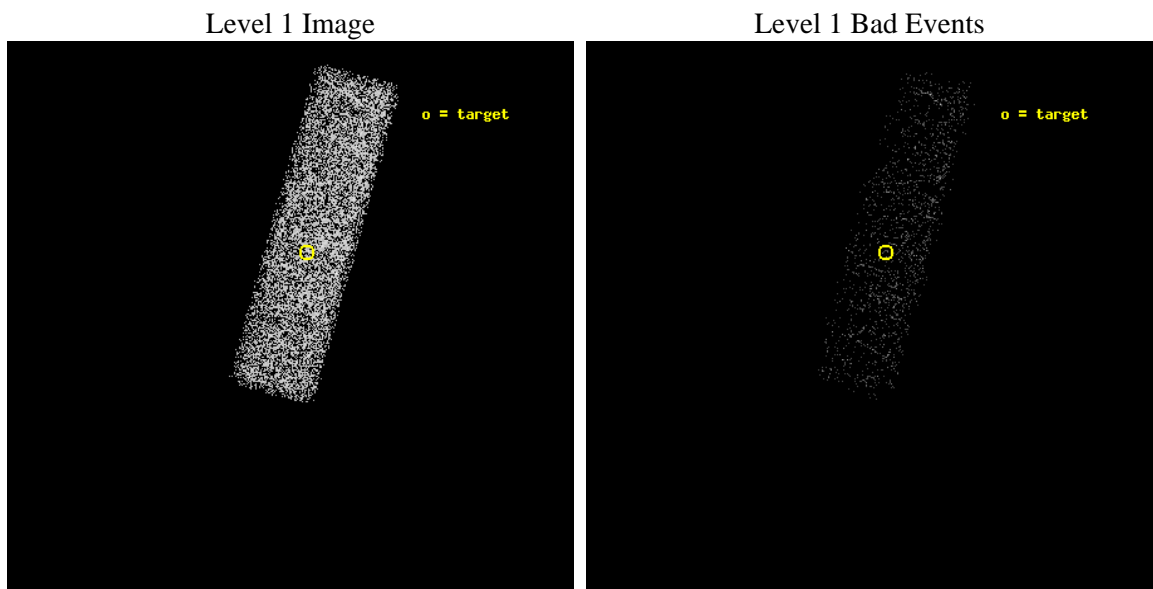
seq_num	300106	Sequence number
obs_id	3781	Observation id
title	A X-RAY WINDOW TO V838 MON, A BRIGHT SYMBIOTIC NOVA	Proposal title
observer	Dr Marina Orio	Principal investigator
object	V838 MON	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	106.02	Observer's specified target RA [deg]
dec_targ	-3.847528	Observer's specified target Dec [deg]
ra_nom	106.02704617544	Nominal RA [deg]
dec_nom	-3.8791257809884	Nominal Dec [deg]
roll_nom	285.61455361345	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7147.2001065016	Sum of GTIs [s]
livetime	6798.4401279384	Livetime [s]
ontime7	7147.2001065016	Sum of GTIs [s]
l2events	6547	Number of level 2 events



2 OBI

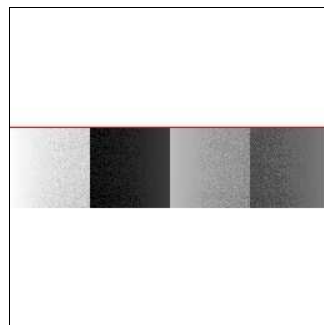
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6563.187000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7147.2001065016	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	7147.2001065016	Sum of GTIs [s]
date	2012-10-23T10:59:59	Date and time of file creation	l1events	15634	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

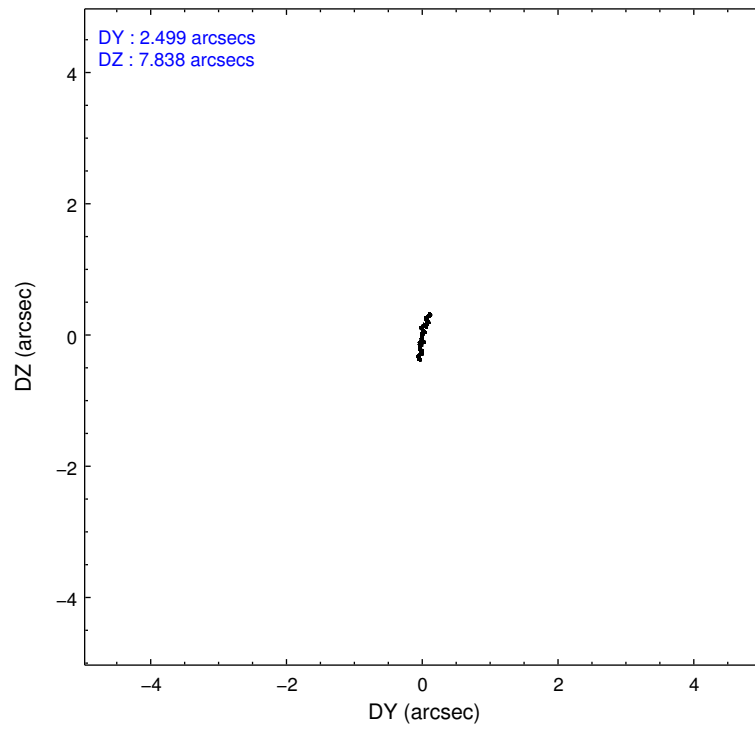
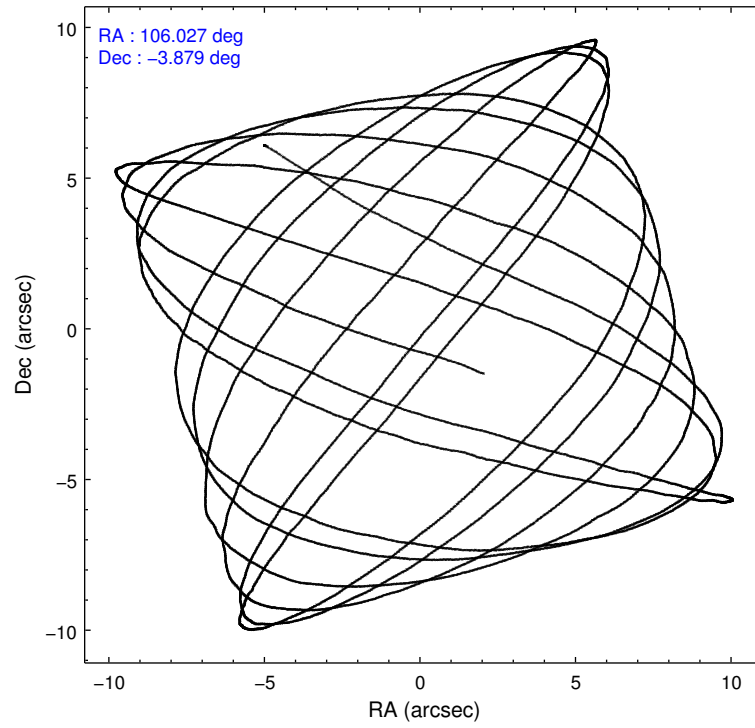
	ccd 7
level 1 events	15634
rejected events	8880
rejected %	56%

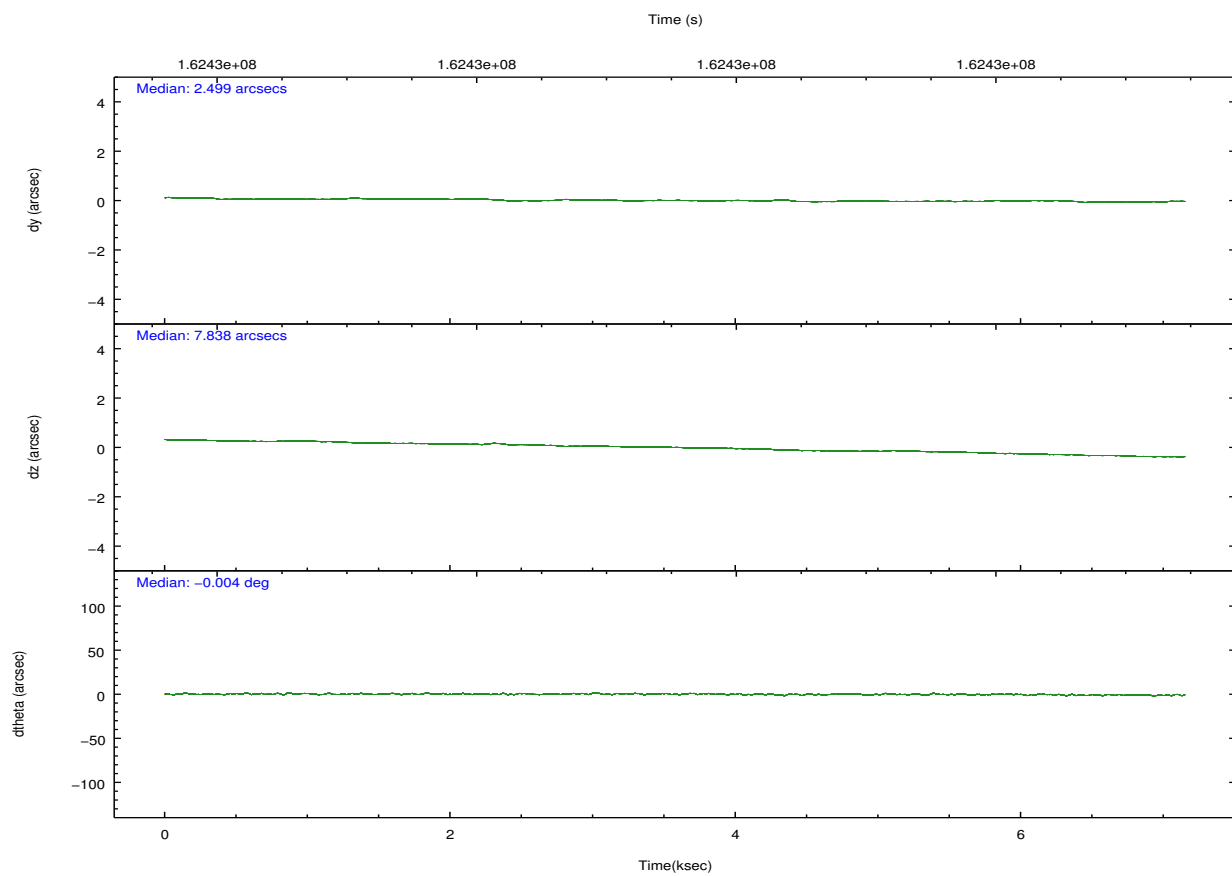
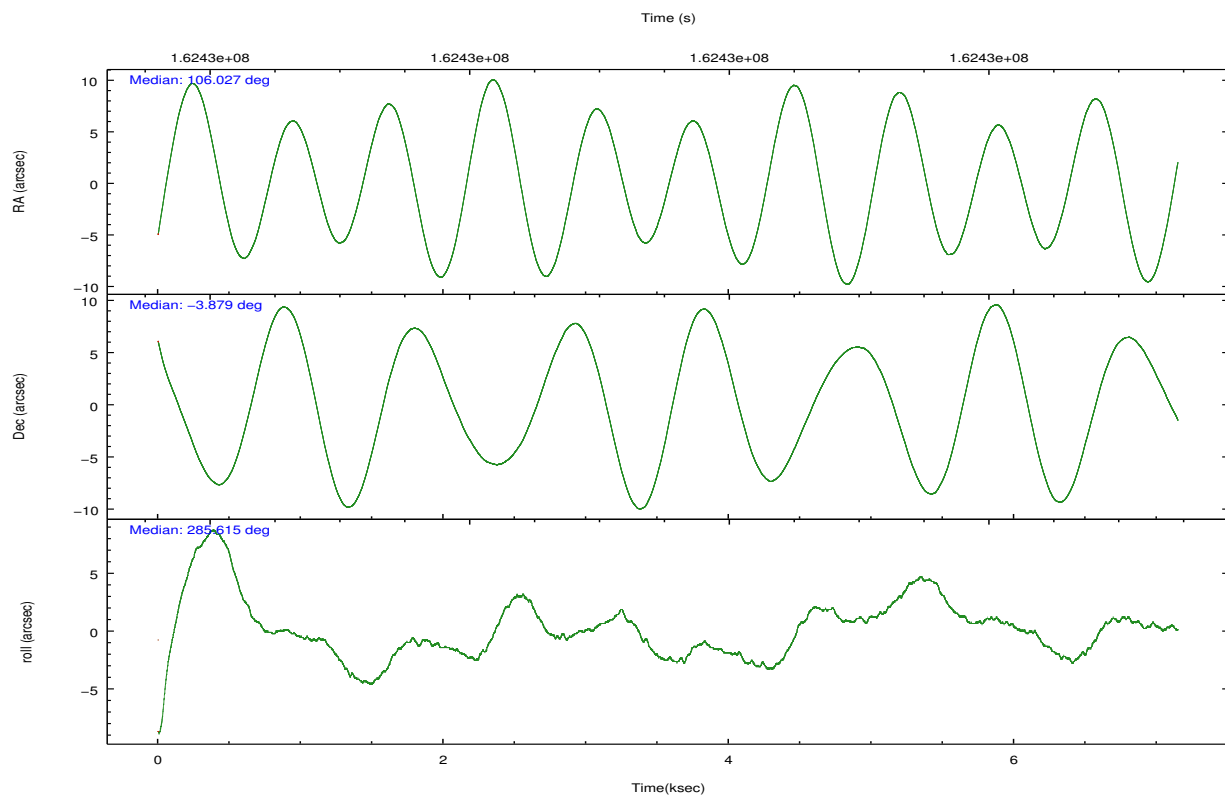
	ccd 7
grade 0 events	700
	4%
grade 1 events	19
	0%
grade 2 events	1311
	8%
grade 3 events	823
	5%
grade 4 events	793
	5%
grade 5 events	1457
	9%
grade 6 events	3388
	21%
grade 7 events	7143
	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	106.007272	106.0270461754352	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-3.860384	-3.8791257809884	Subarray start row	384	385
[deg] Pointing Roll	285.456592	285.6145536134501	Subarray row count	256	256
[s] Window start time (MET)	155131264.184000	155131264.184000	Alternating exposures requested	N	N
[s] Window stop time (MET)	170856064.184000	170856064.184000	[s] Primary exposure time	0.000000	0.8
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	162426542.184000	162425379.9876			
Observation start date	2003-02-23T22:27:58	2003-02-23T22:09:39			
[s] Observation end time (MET)	162433105.184000	162433420.08794			
Observation end date	2003-02-24T00:17:21	2003-02-24T00:23:40			
Read mode	TIMED	TIMED			

2.3 Aspect



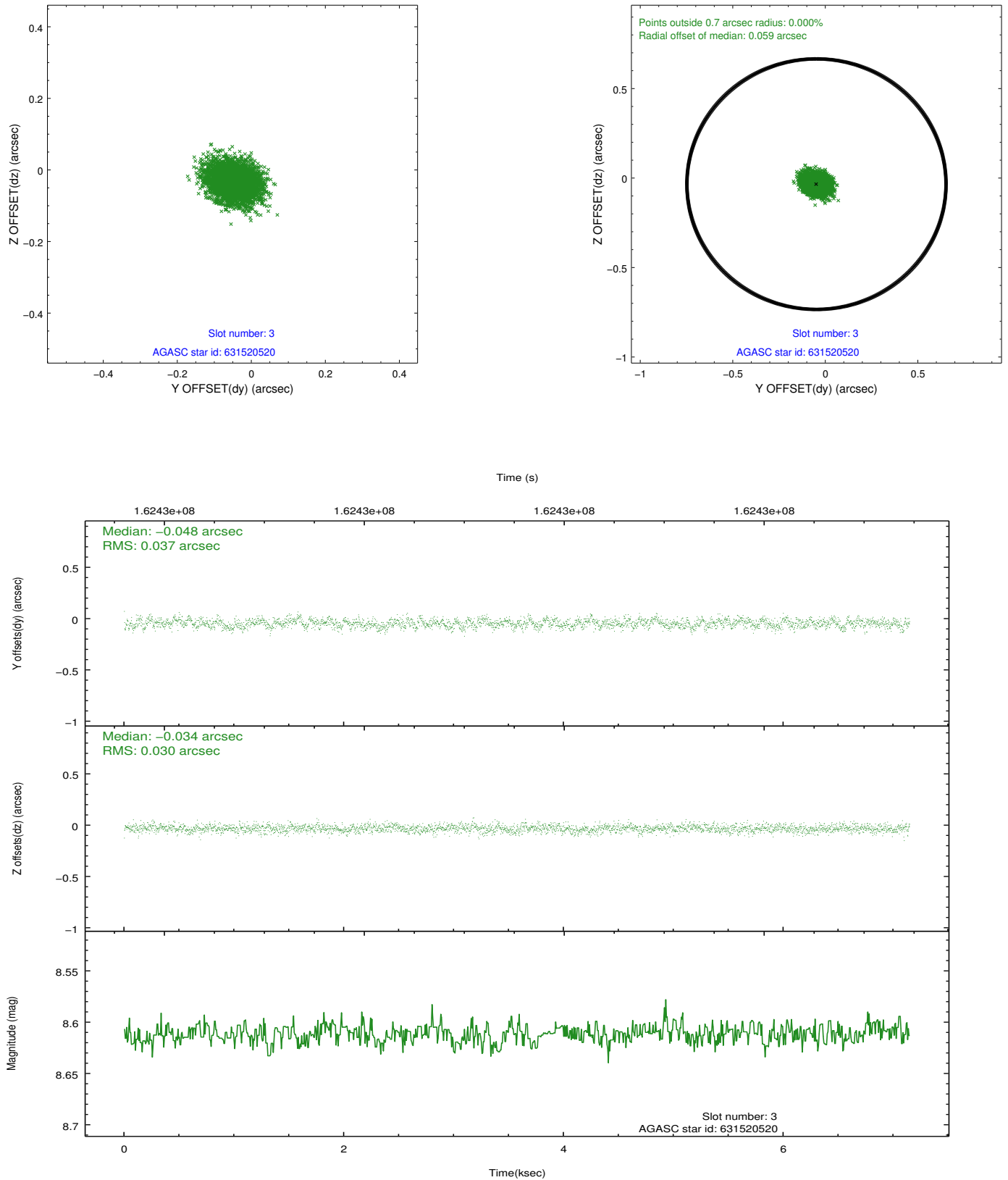


Slot Statistics

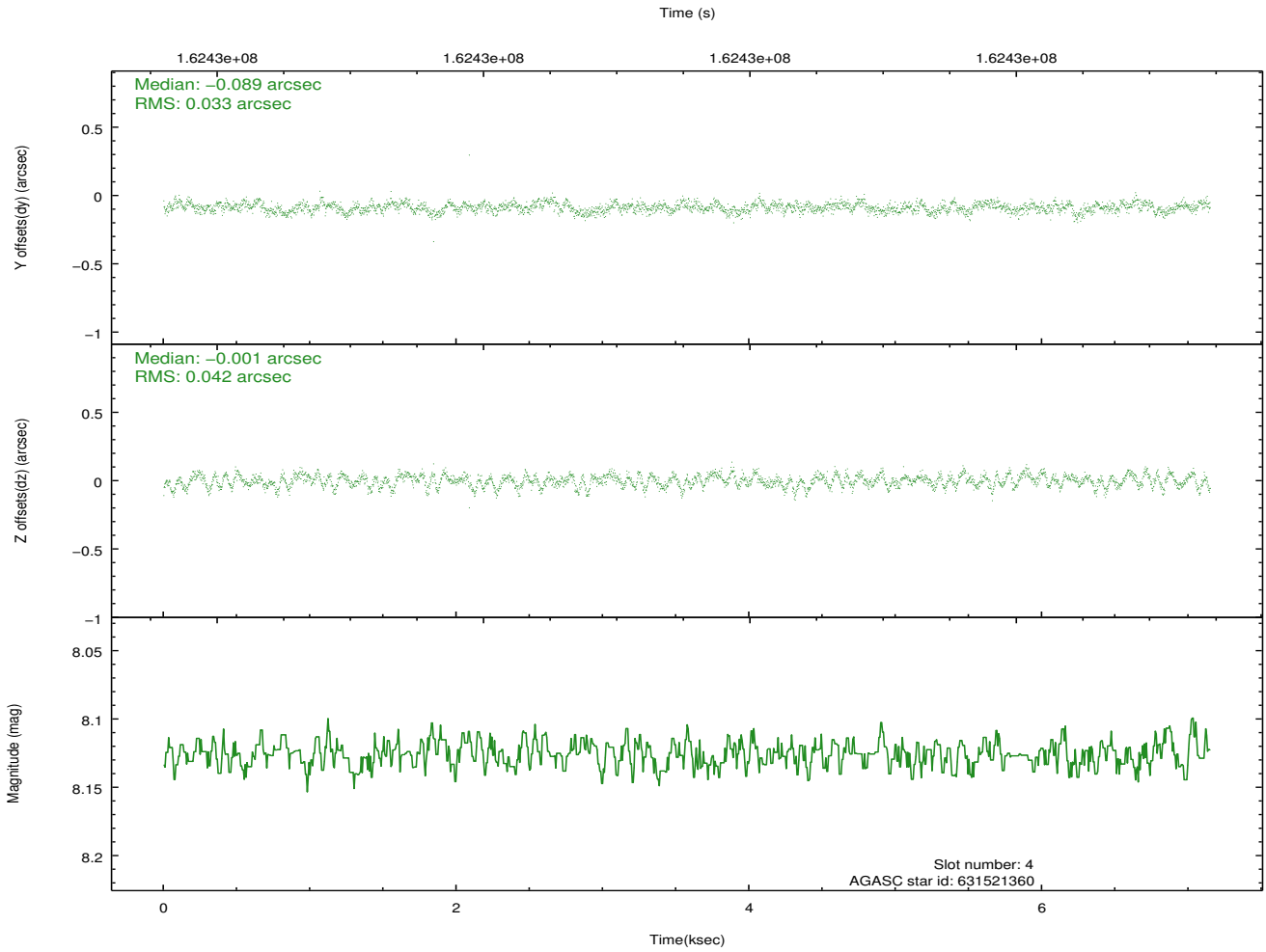
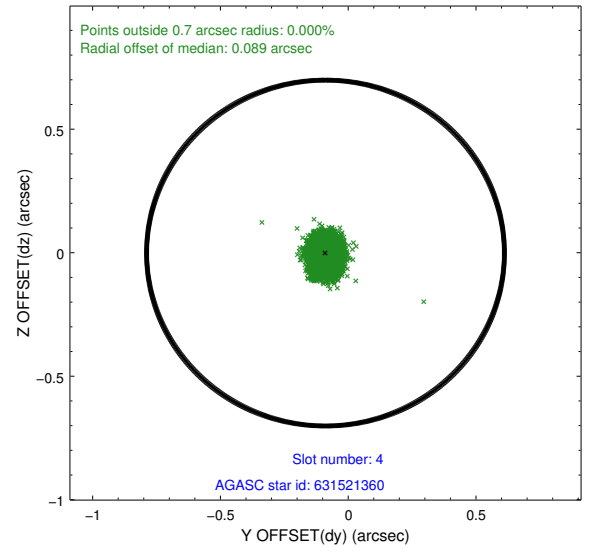
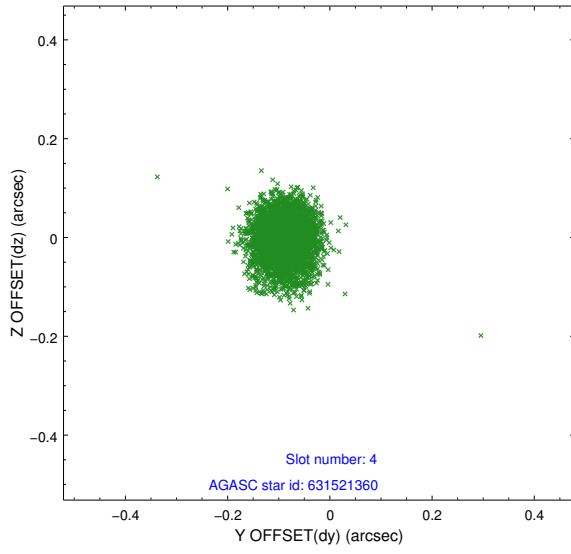
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1744	-0.008	0.000	0.008	0.013	0.000000	0.000000	-755.16	-1728.90
1	FID	ACIS-S-5	7.24	1744	0.017	0.013	0.008	0.012	0.000000	0.000000	-1808.60	172.26
2	FID	ACIS-S-6	7.35	1744	-0.034	-0.005	0.008	0.015	0.000000	0.000000	405.58	817.05
3	GUIDE	631520520	8.61	3488	-0.048	-0.034	0.050	0.082	106.017336	-3.290144	-1968.64	582.10
4	GUIDE	631521360	8.13	3488	-0.089	-0.001	0.057	0.092	105.606795	-3.321305	-2254.05	-869.86
5	GUIDE	631515768	8.98	3487	-0.091	-0.032	0.071	0.112	105.342384	-3.426544	-2141.66	-1887.12
6	GUIDE	632047896	9.34	3488	0.168	-0.086	0.092	0.146	106.235270	-4.493288	2414.19	180.95
7	GUIDE	632057272	9.14	3485	0.057	0.157	0.084	0.142	106.500809	-4.424430	2430.99	1166.51

2.4 Star Slots

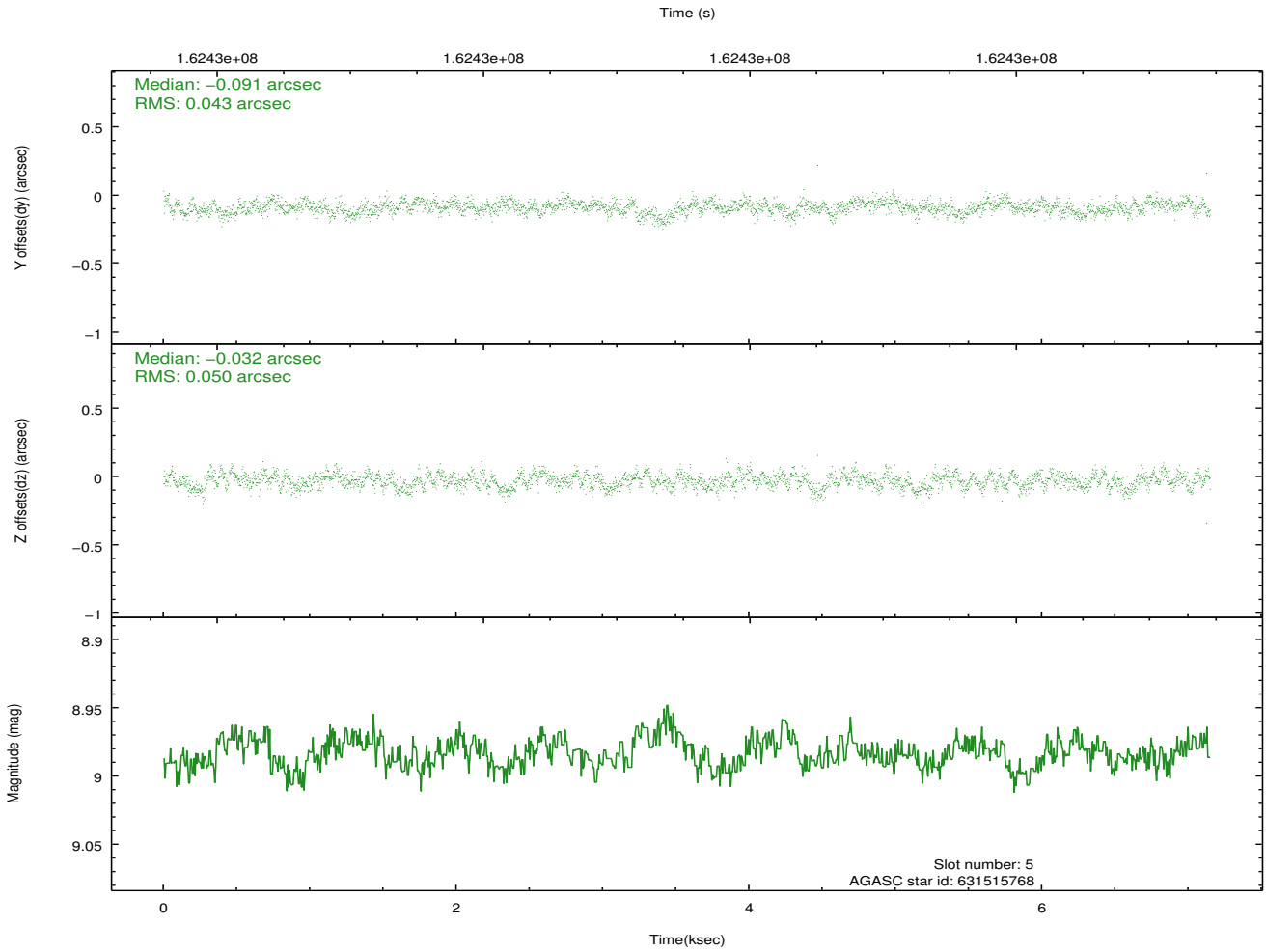
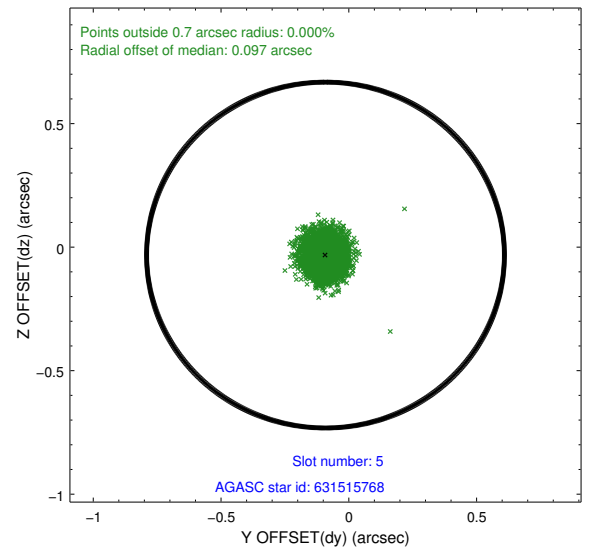
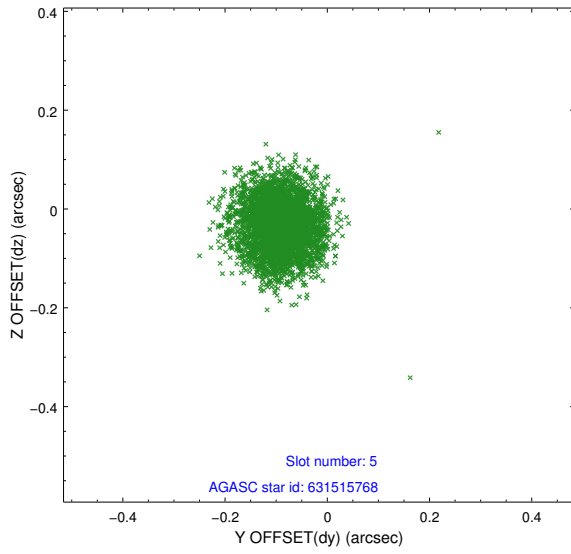
2.4.1 Slot 3



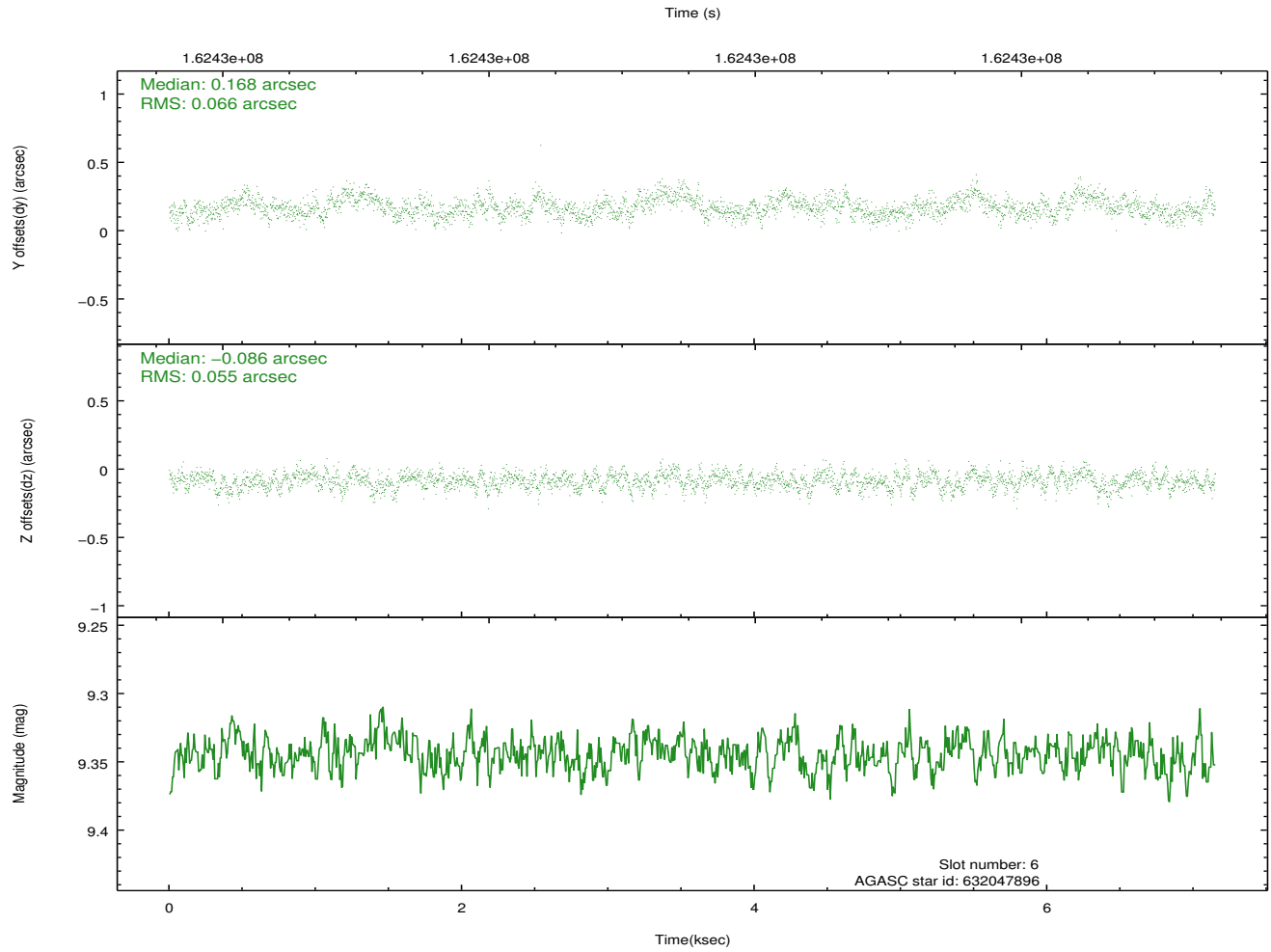
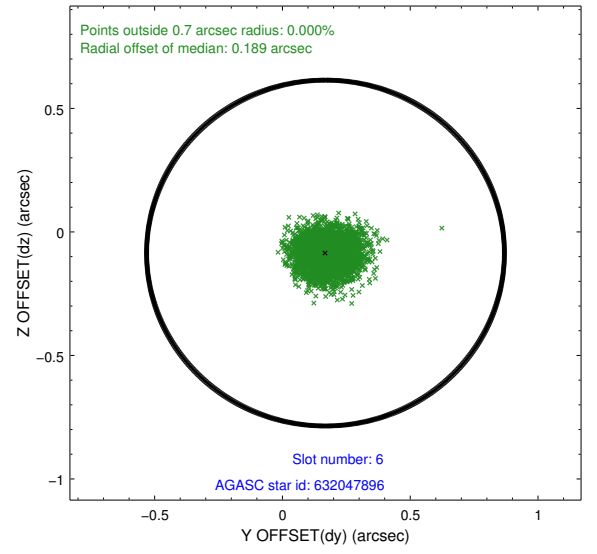
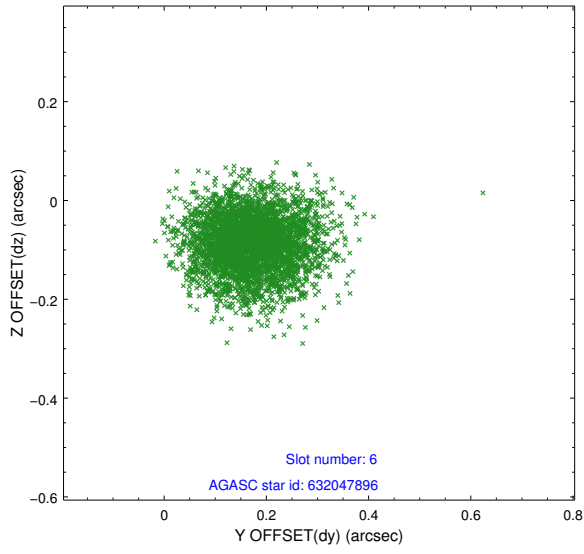
2.4.2 Slot 4



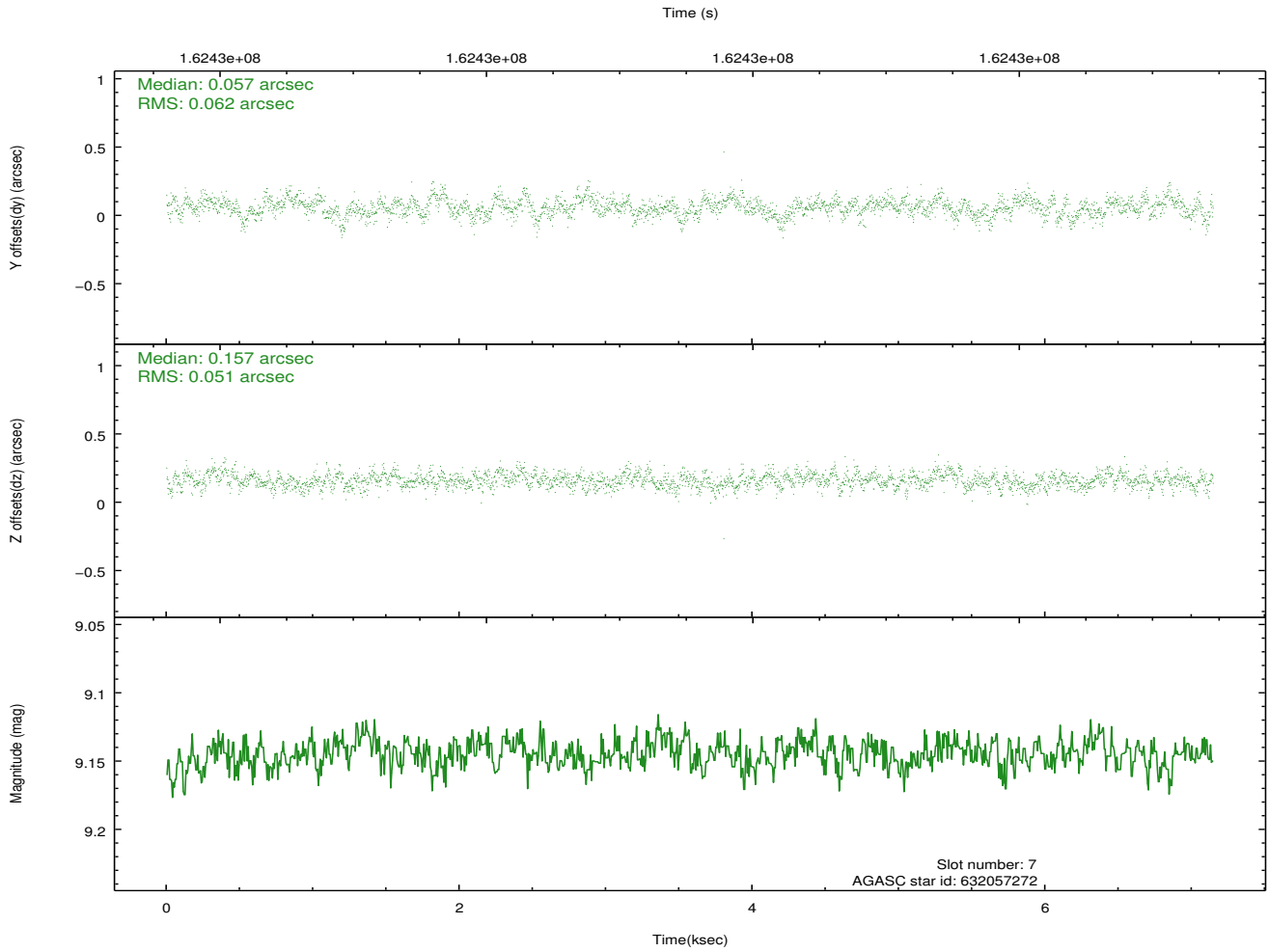
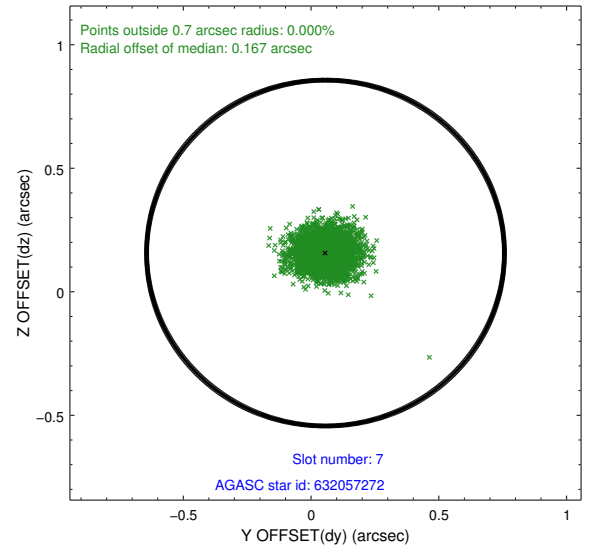
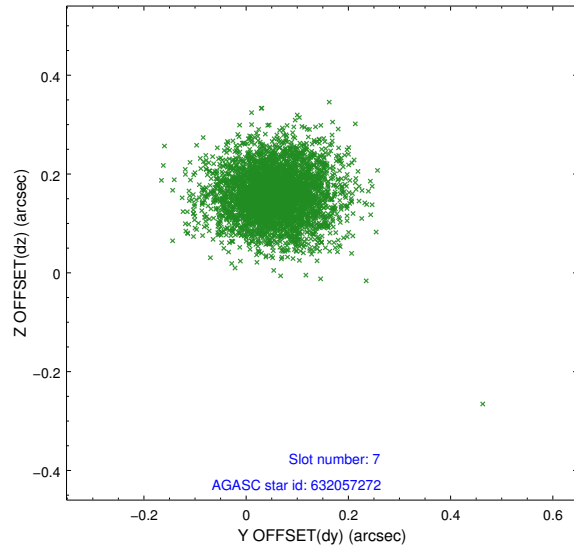
2.4.3 Slot 5



2.4.4 Slot 6

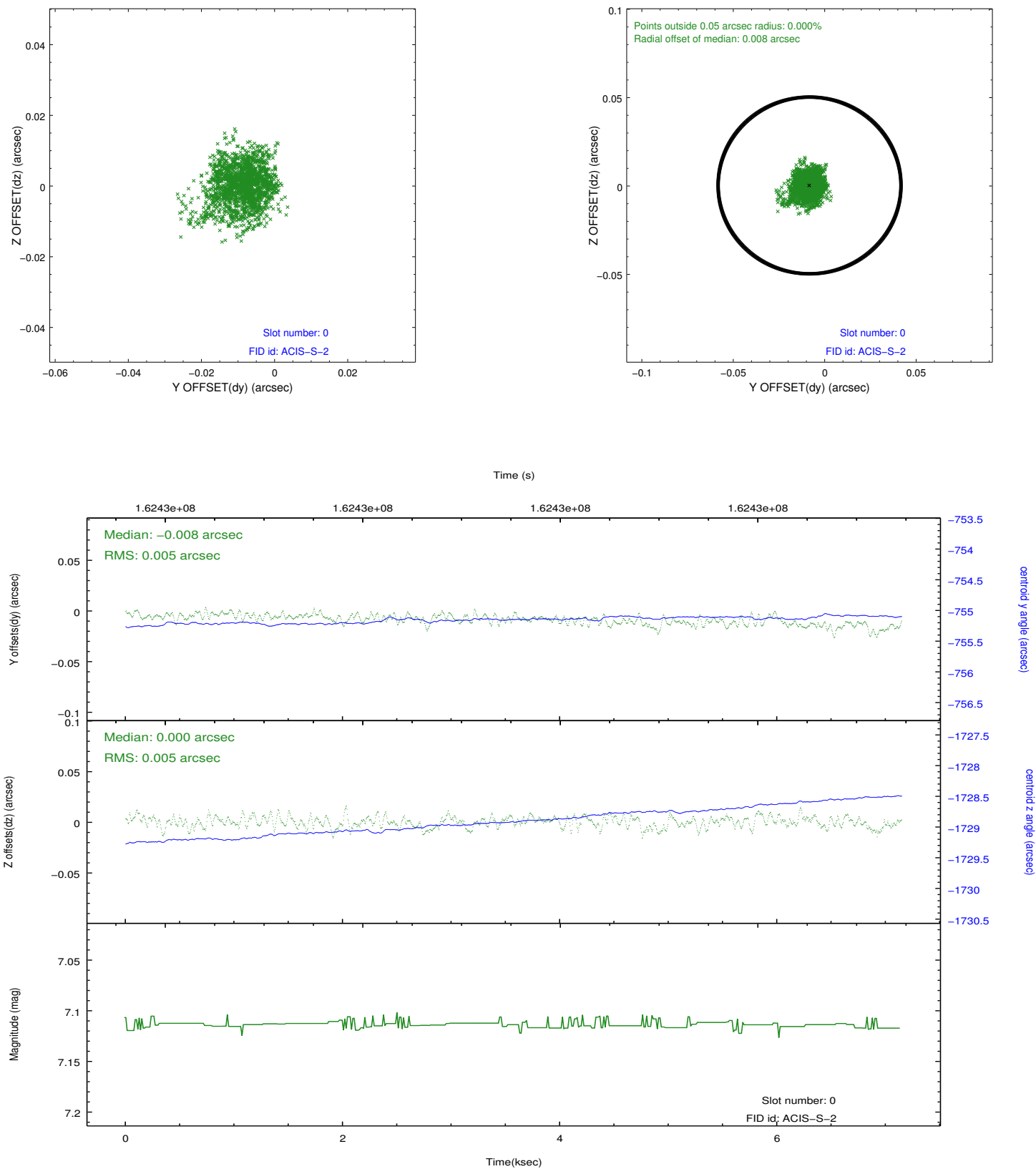


2.4.5 Slot 7

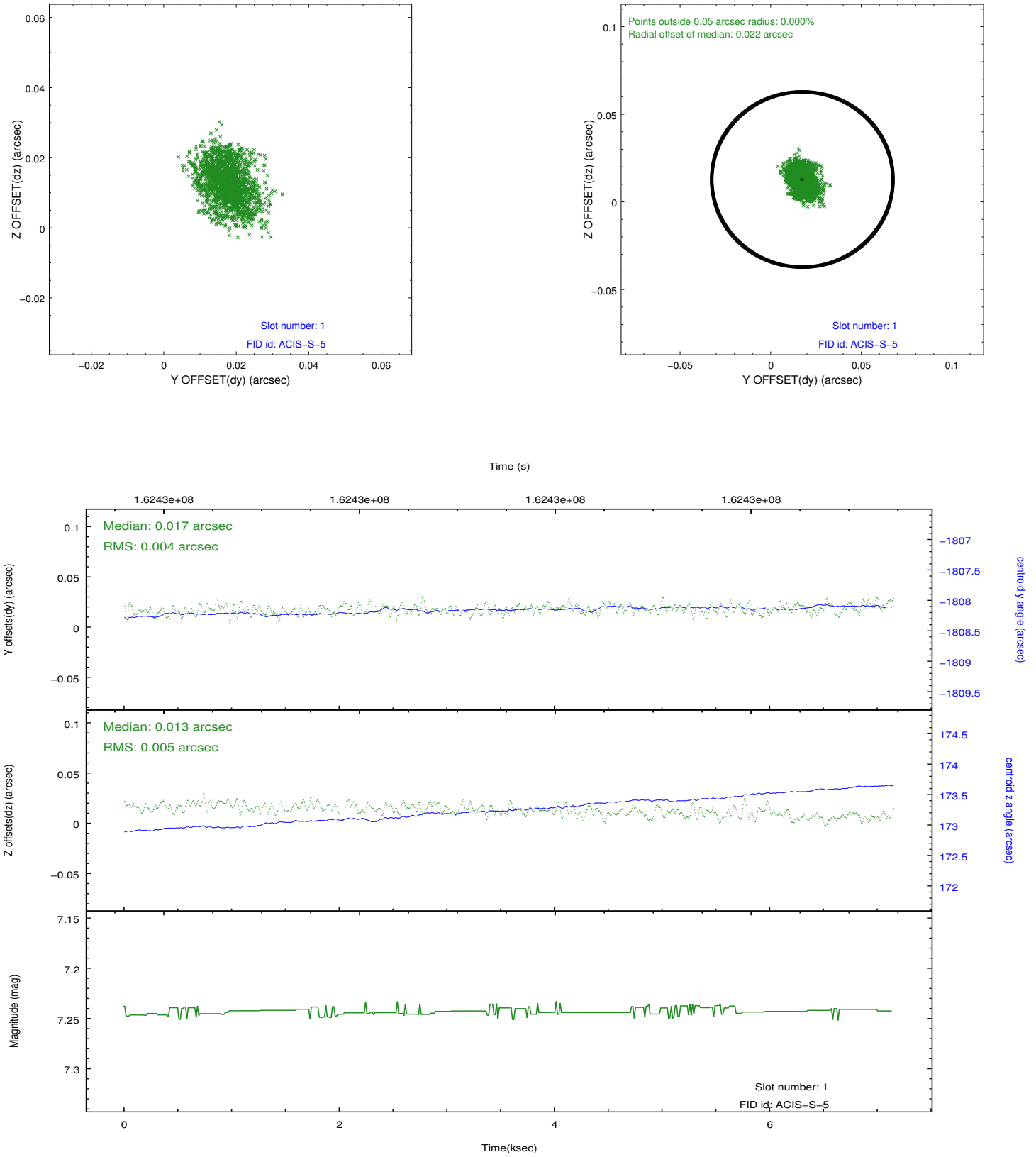


2.5 FID Slots

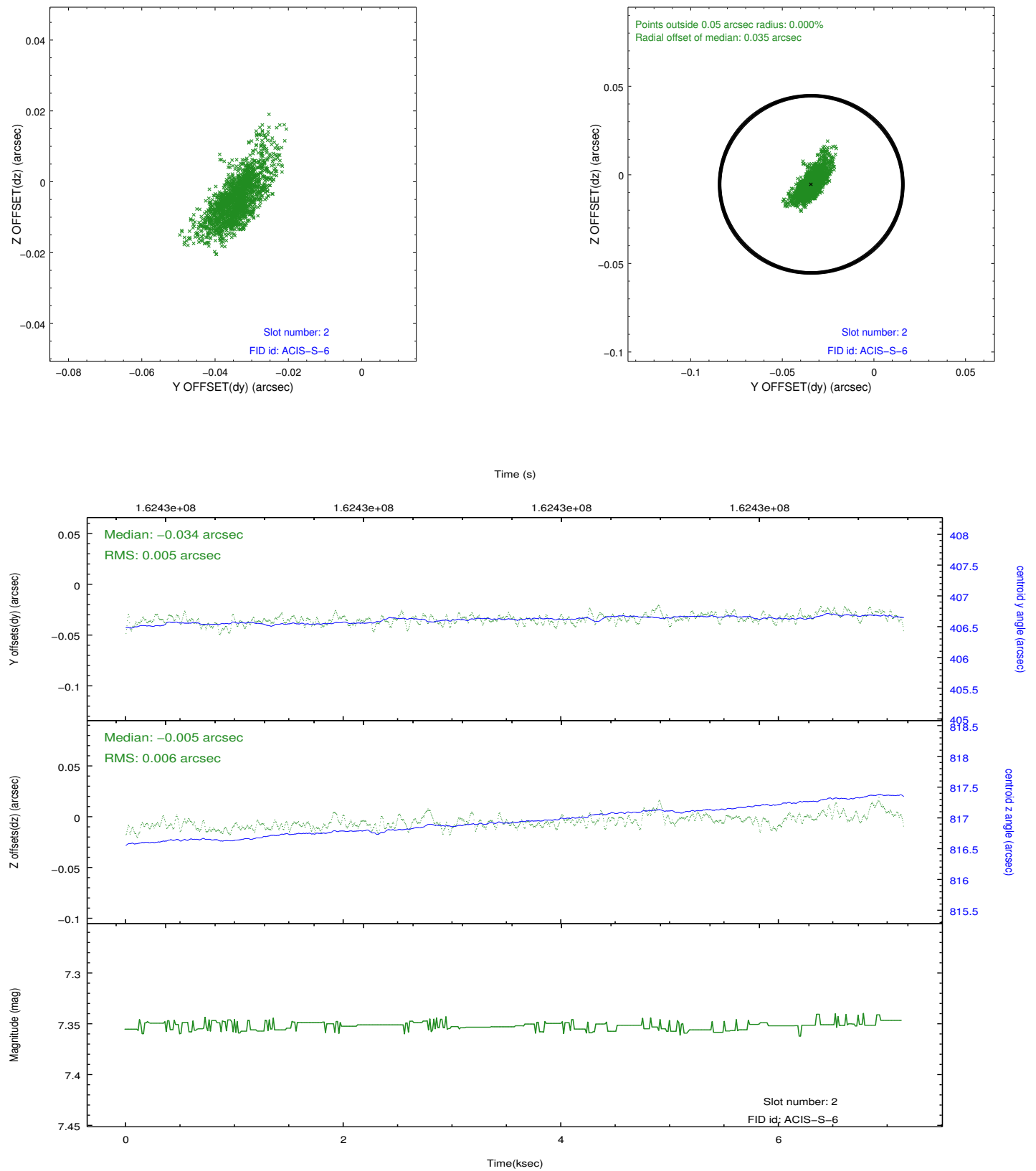
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.147

A.2 Comments

Window constraint met.