

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1709 - L2 Version 4
Chandra X-Ray Center

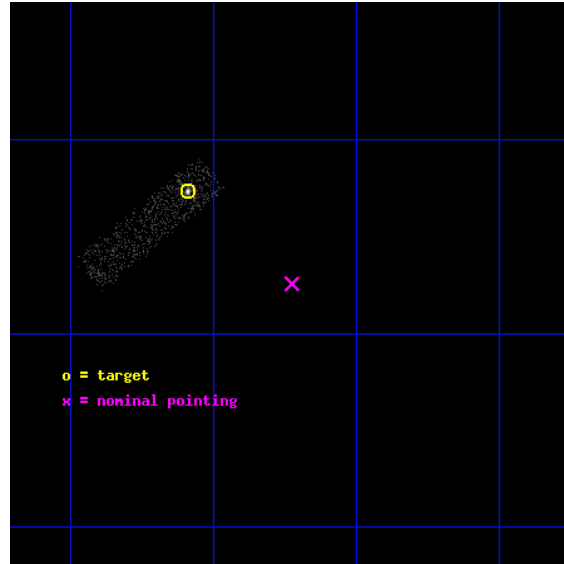
L2 Processing Date : Aug 31 2012

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1 Front

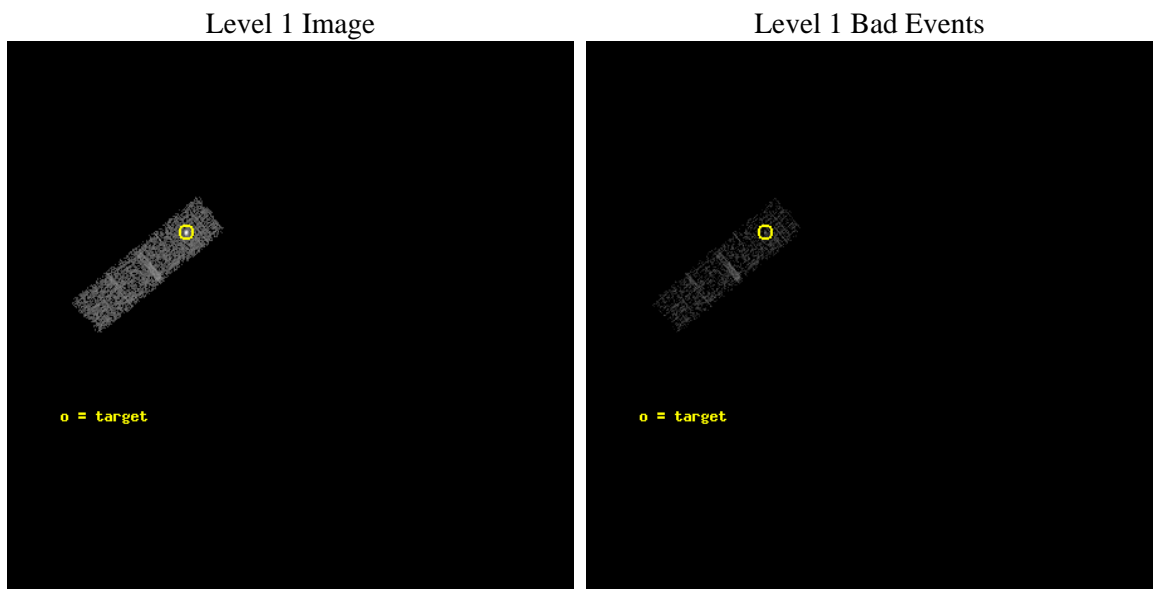
seq_num	300042	Sequence number
obs_id	1709	Observation id
title	MULTIWAVELENGTH TOO OBSERVATIONS OF BRIGHT NOVAE IN OUTBURST	Propo
observer	Regents' Professor Sumner Starrfield	Principal investigator
object	V1494 Aql	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	290.772	Observer's specified target RA [deg]
dec_targ	4.956	Observer's specified target Dec [deg]
ra_nom	290.68133913985	Nominal RA [deg]
dec_nom	4.8760960492036	Nominal Dec [deg]
roll_nom	230.55293375488	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5619.1589589864	Sum of GTIs [s]
livetime	5344.9623884585	Livetime [s]
ontime3	5619.1589589864	Sum of GTIs [s]
l2events	4081	Number of level 2 events



2 OBI

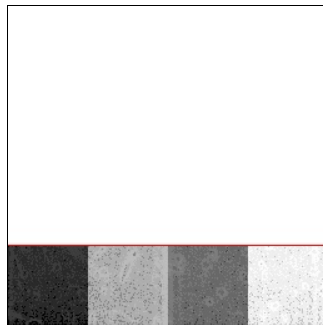
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5300.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5619.1589589864	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime3	5619.1589589864	Sum of GTIs [s]
date	2012-08-31T12:13:06	Date and time of file creation	l1events	15017	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

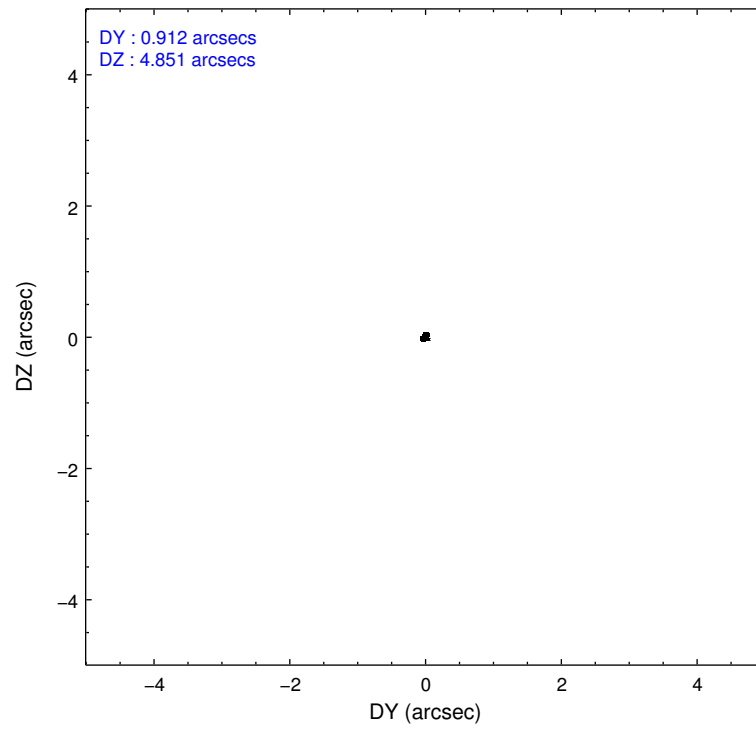
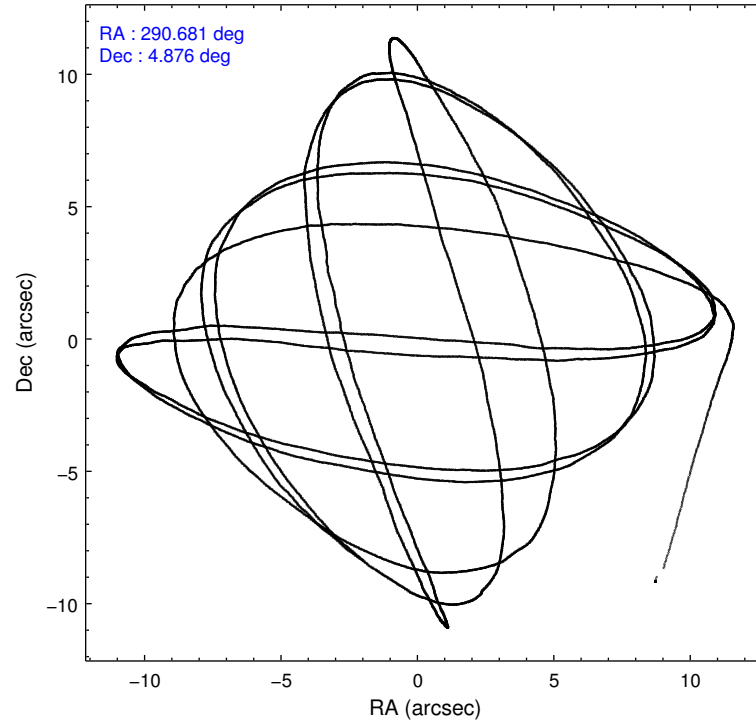
	ccd 3
level 1 events	15017
rejected events	10750
rejected %	71%

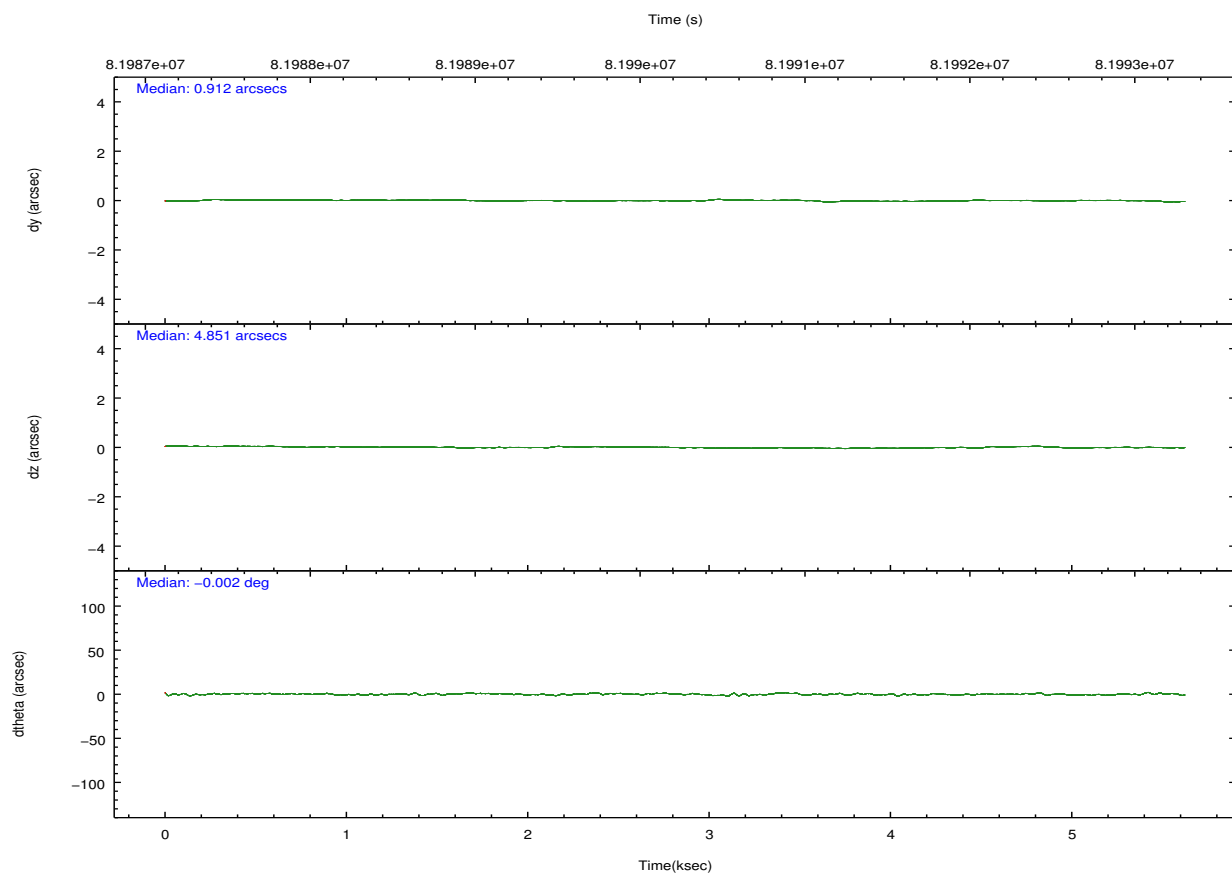
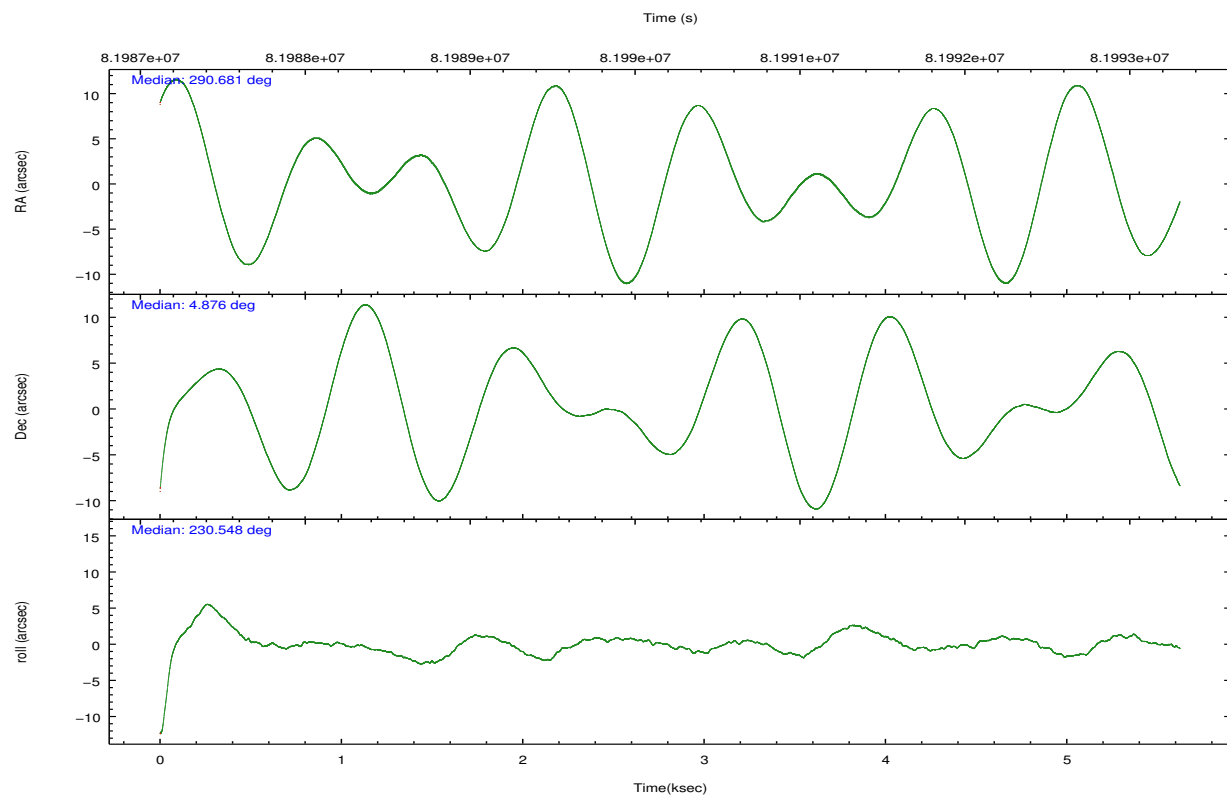
	ccd 3
grade 0 events	3408
	22%
grade 1 events	26
	0%
grade 2 events	417
	2%
grade 3 events	220
	1%
grade 4 events	209
	1%
grade 5 events	263
	1%
grade 6 events	217
	1%
grade 7 events	10257
	68%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	290.685939	290.6813391398507	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	4.903240	4.876096049203605	Subarray start row	1	1
[deg] Pointing Roll	230.343877	230.5529337548773	Subarray row count	256	256
[s] Window start time (MET)	81475264.184000	81475264.184000	Alternating exposures requested	N	N
[s] Window stop time (MET)	85363264.184000	85363264.184000	[s] Primary exposure time	0.000000	0.8
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	81987724.184000	81986589.13293			
Observation start date	2000-08-06T22:21:00	2000-08-06T22:03:09			
[s] Observation end time (MET)	81993024.184000	81993669.320693			
Observation end date	2000-08-06T23:49:20	2000-08-07T00:01:09			
Read mode	TIMED	TIMED			

2.3 Aspect



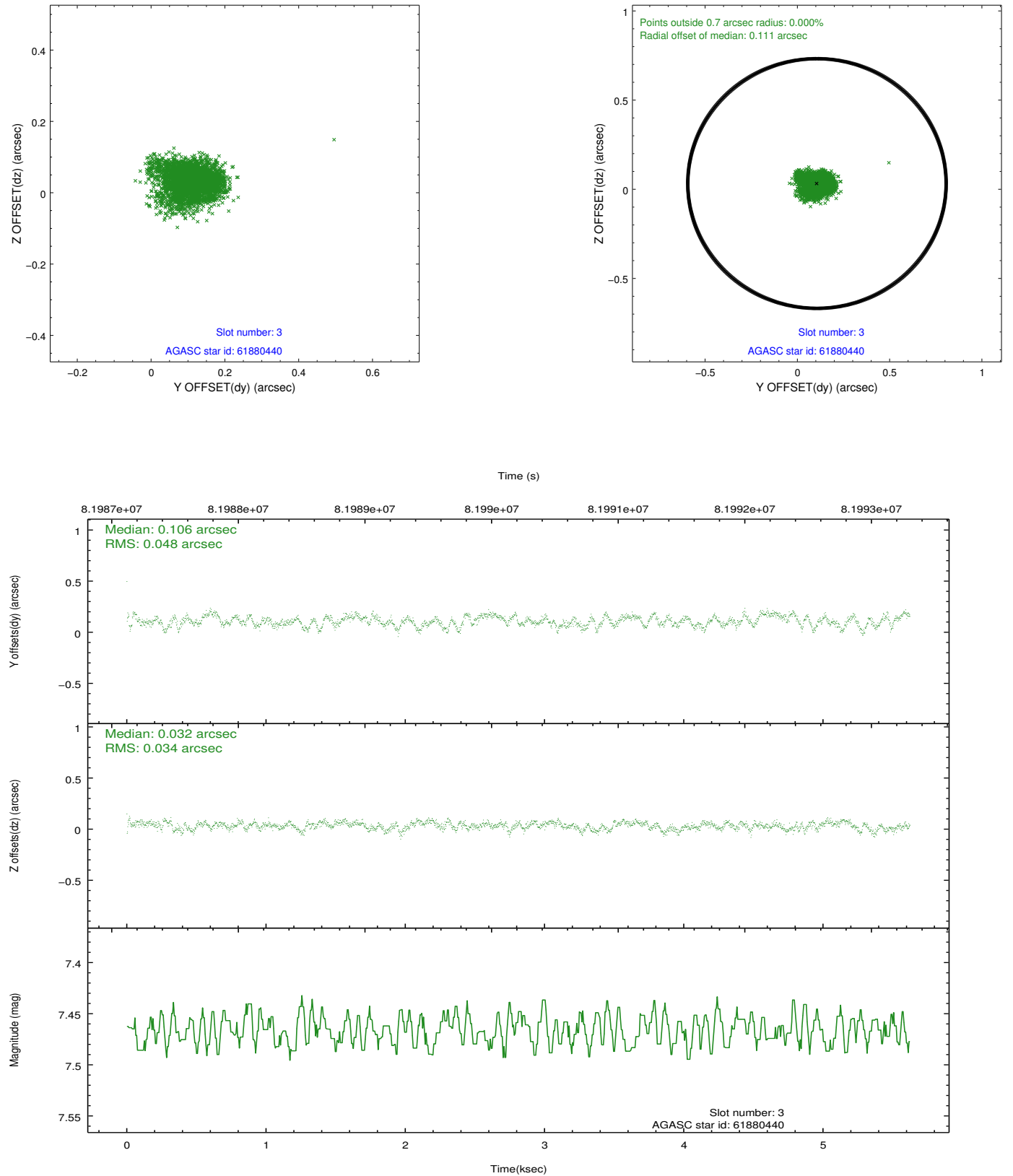


Slot Statistics

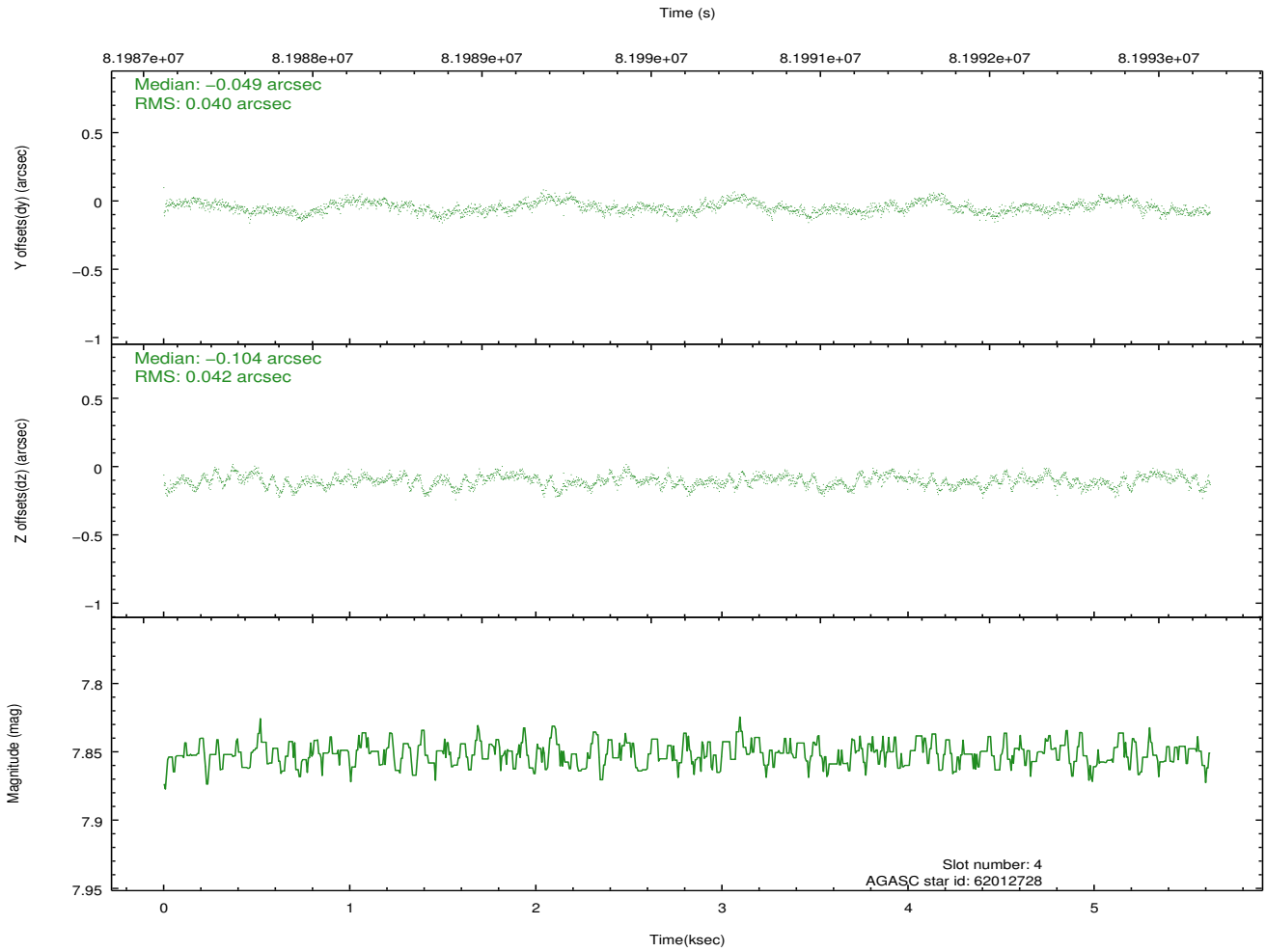
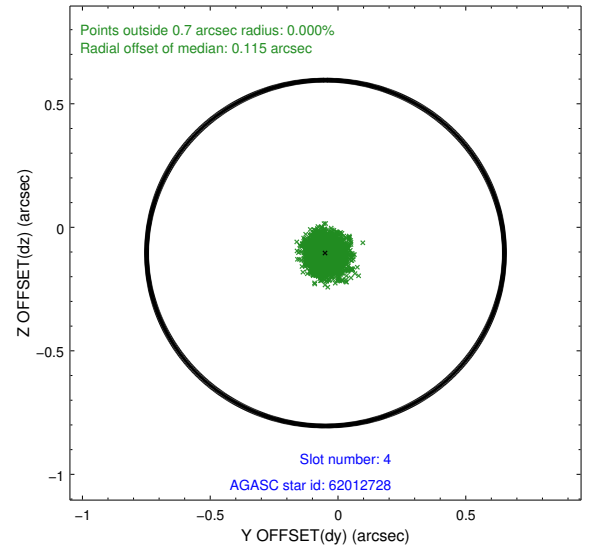
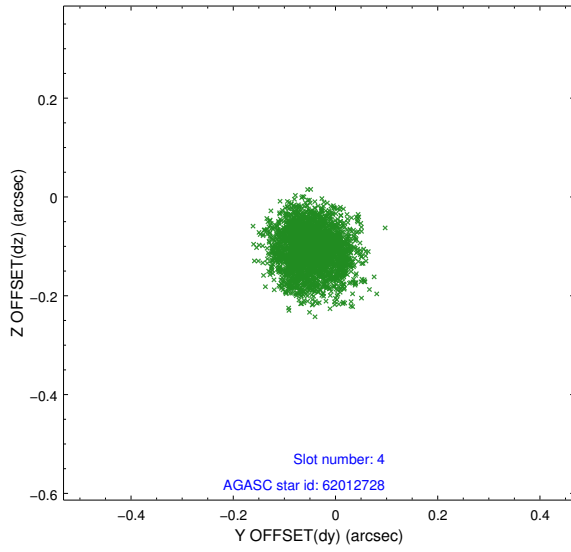
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	1372	-0.026	-0.027	0.009	0.015	0.000000	0.000000	-755.26	-834.58
1	FID	ACIS-I-4	7.19	1371	-0.033	0.031	0.007	0.013	0.000000	0.000000	2158.32	1071.11
2	FID	ACIS-I-5	7.23	1372	-0.042	0.064	0.009	0.015	0.000000	0.000000	-1807.72	1070.22
3	GUIDE	61880440	7.47	2744	0.106	0.032	0.062	0.100	290.081203	4.777895	1732.01	-1382.01
4	GUIDE	62012728	7.85	2744	-0.049	-0.104	0.064	0.097	290.627648	4.597491	981.98	541.60
5	GUIDE	62044392	8.57	2743	0.046	-0.006	0.066	0.108	290.763860	4.614406	622.94	879.81
6	GUIDE	62043480	8.89	2744	-0.065	0.002	0.097	0.160	291.375882	4.831705	-1381.70	2069.95
7	GUIDE	62021832	9.22	2743	-0.054	0.081	0.074	0.120	290.889874	5.387344	-1808.28	-548.14

2.4 Star Slots

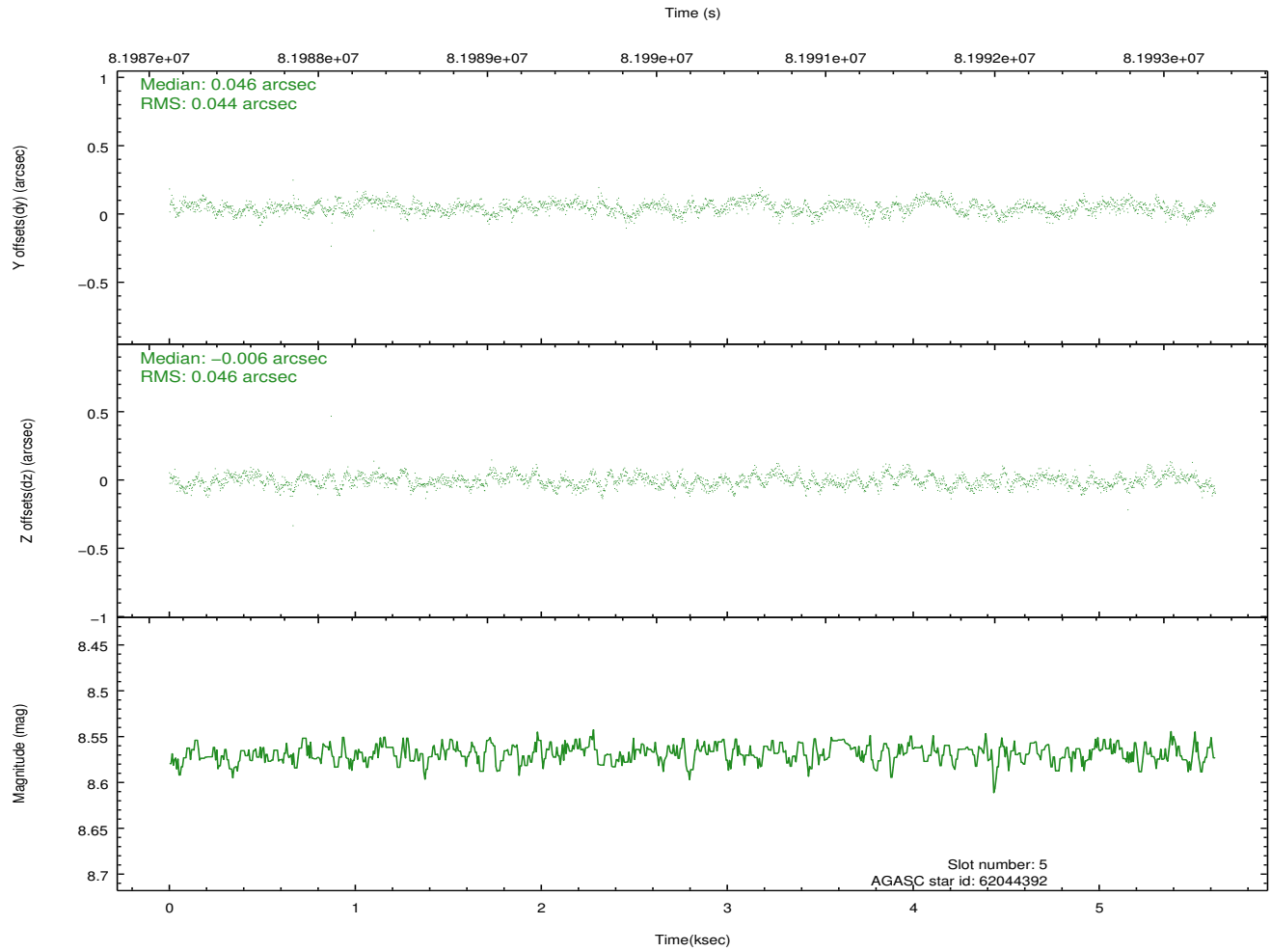
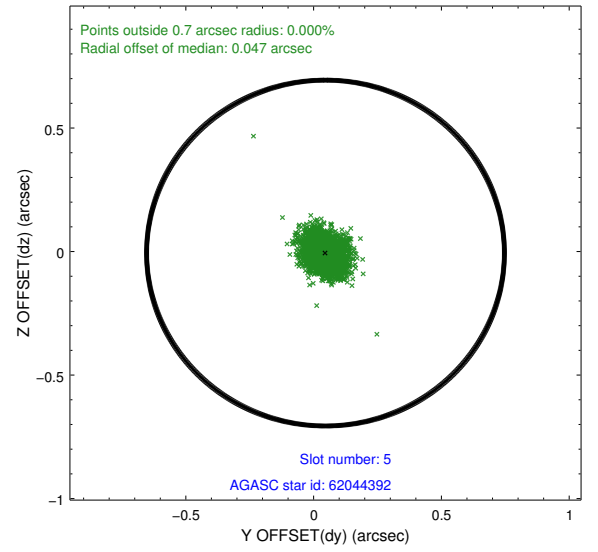
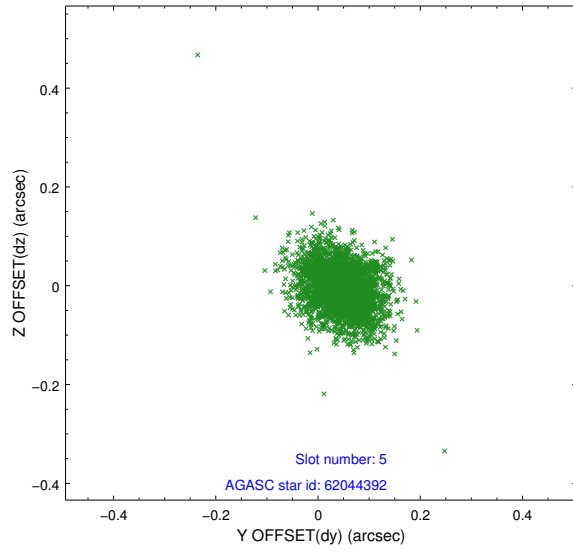
2.4.1 Slot 3



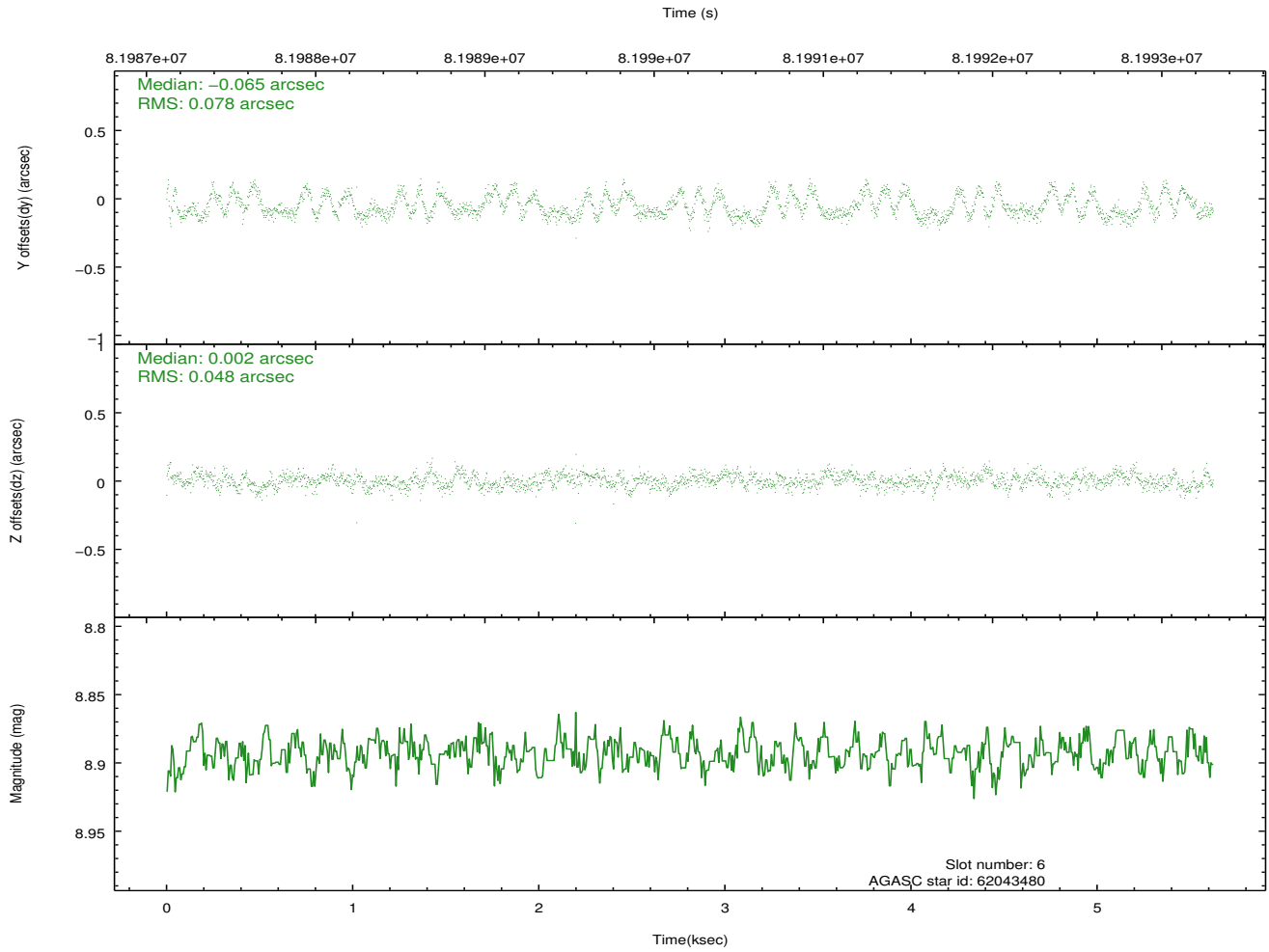
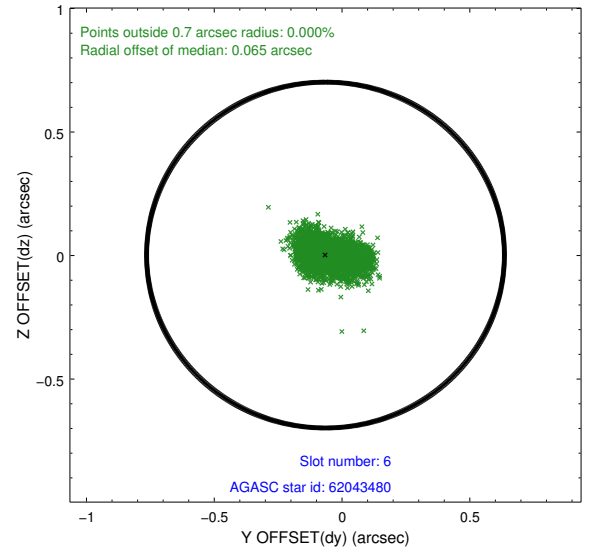
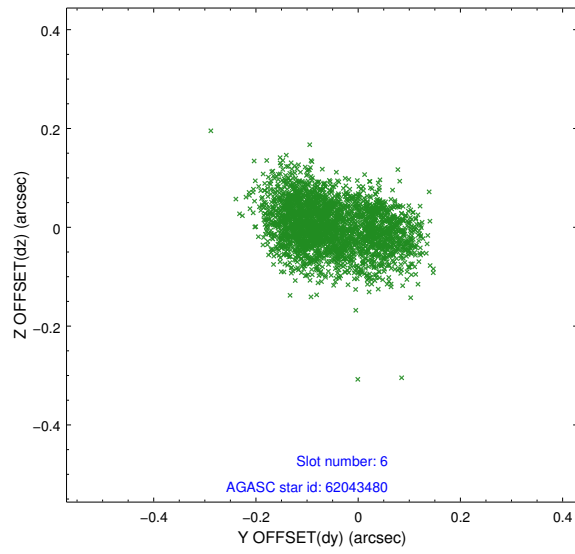
2.4.2 Slot 4



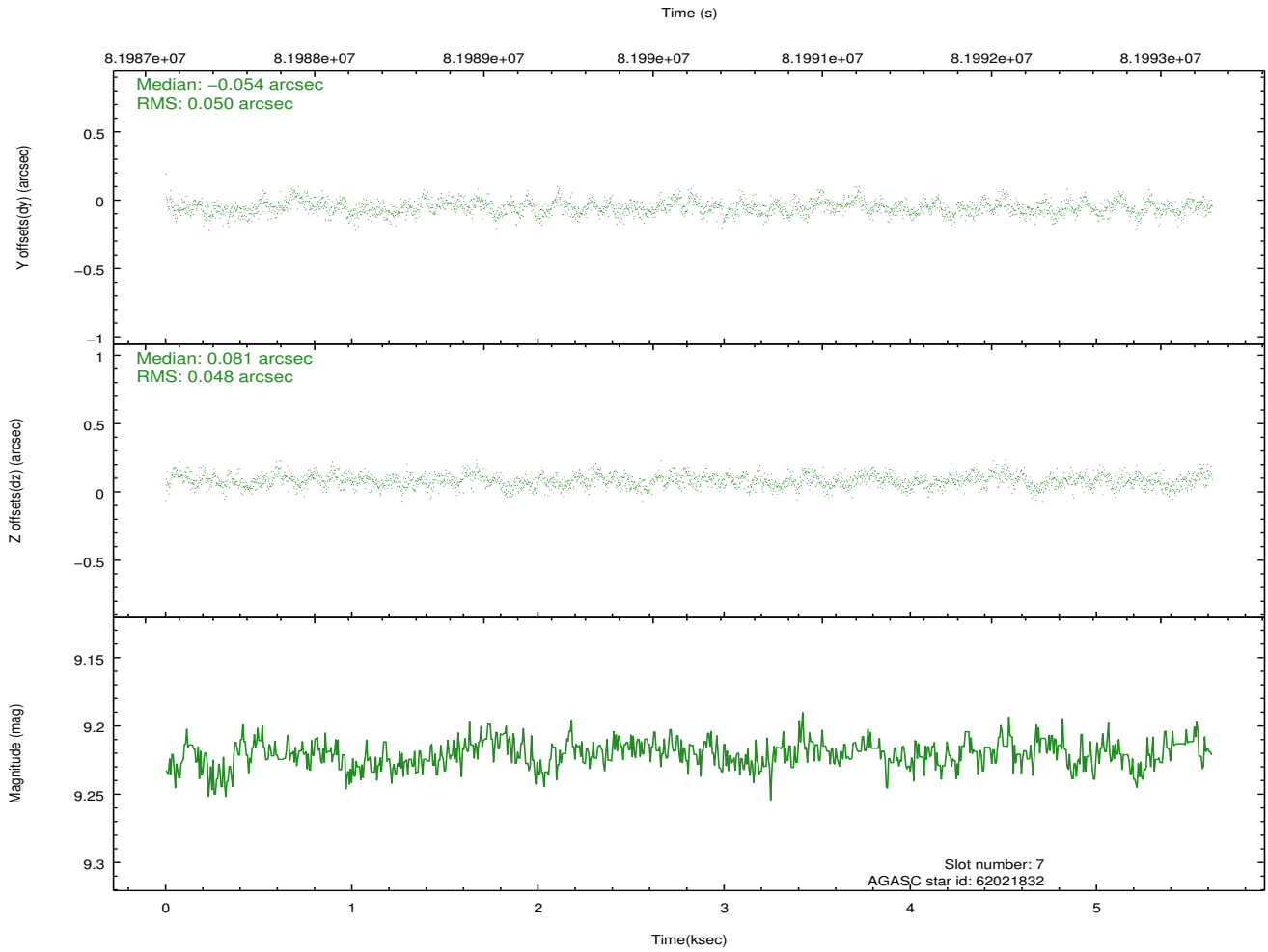
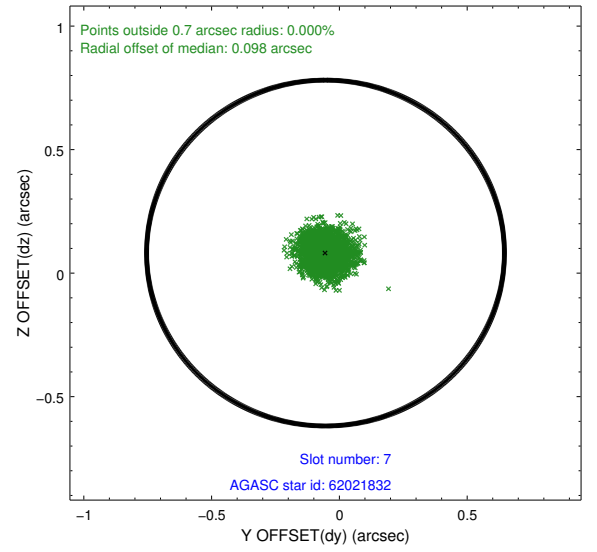
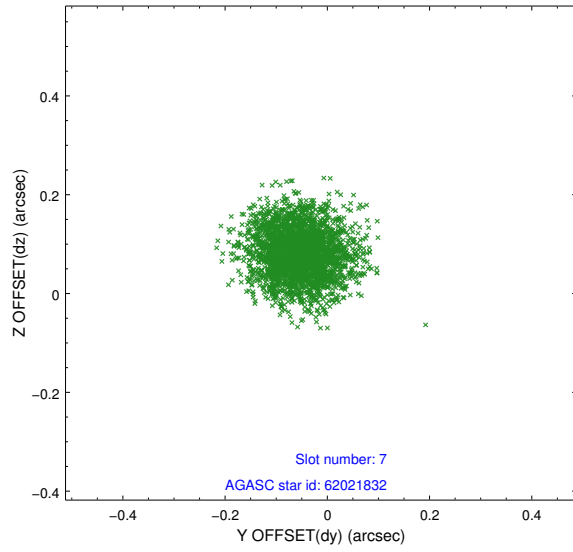
2.4.3 Slot 5



2.4.4 Slot 6

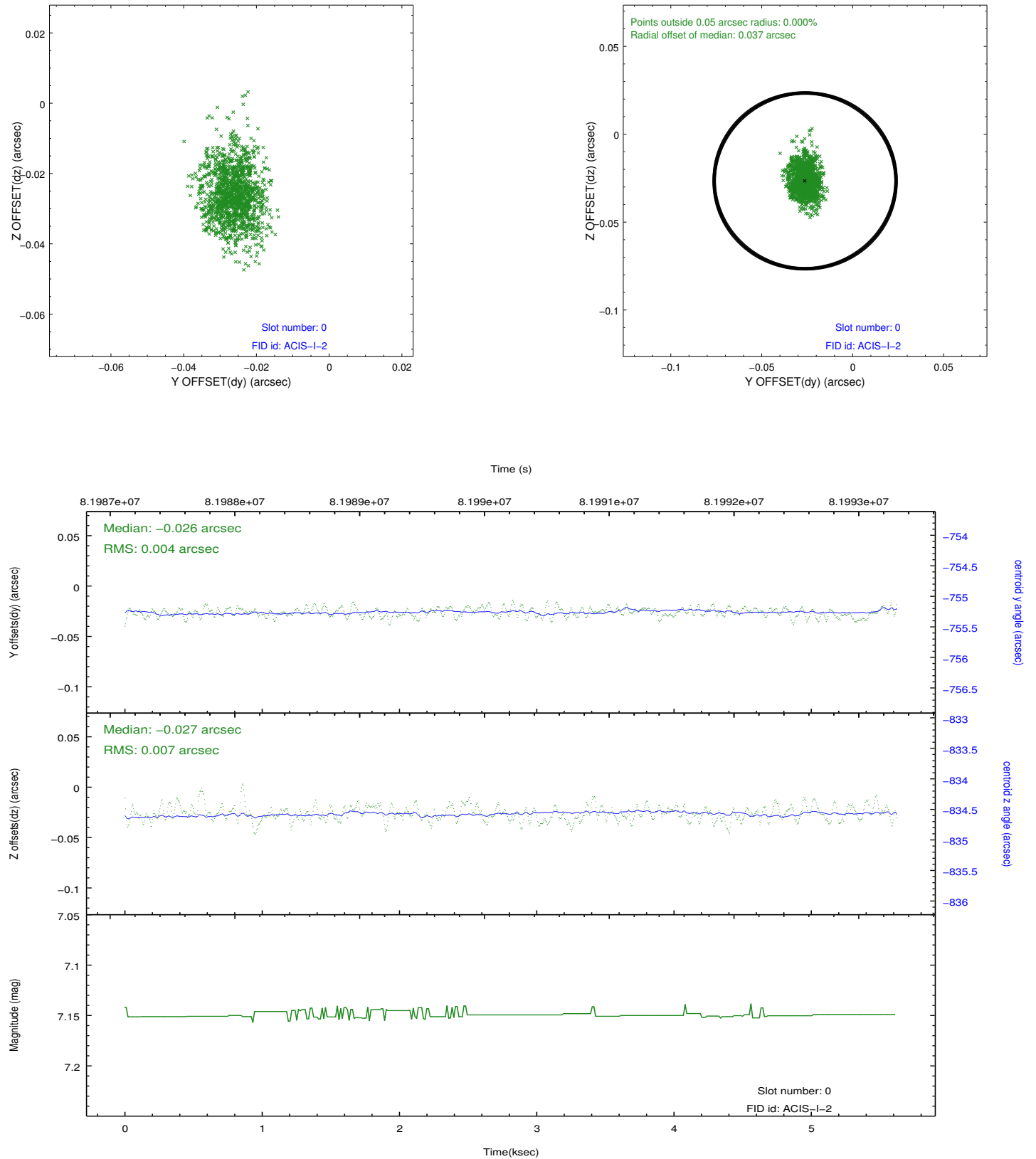


2.4.5 Slot 7

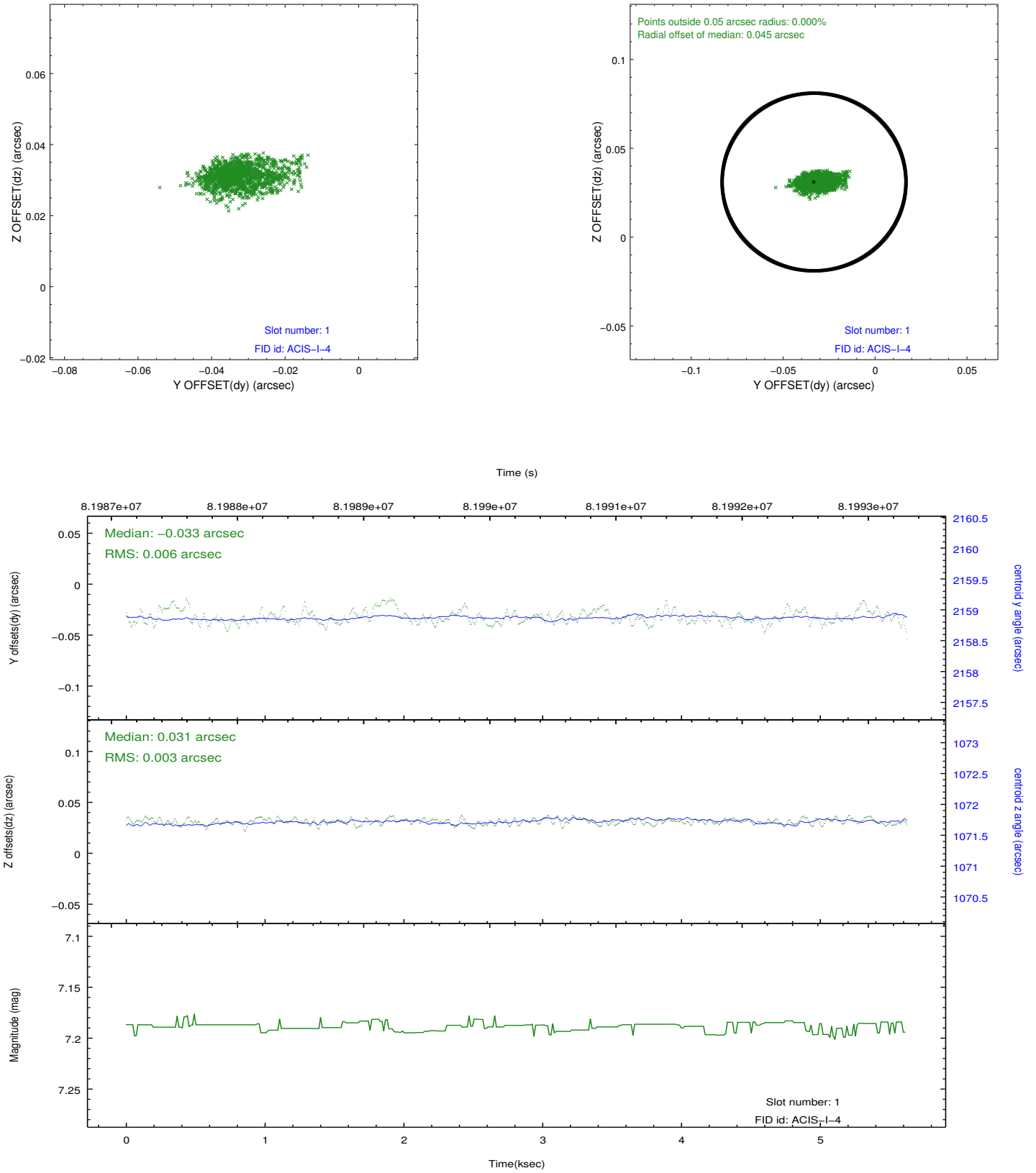


2.5 FID Slots

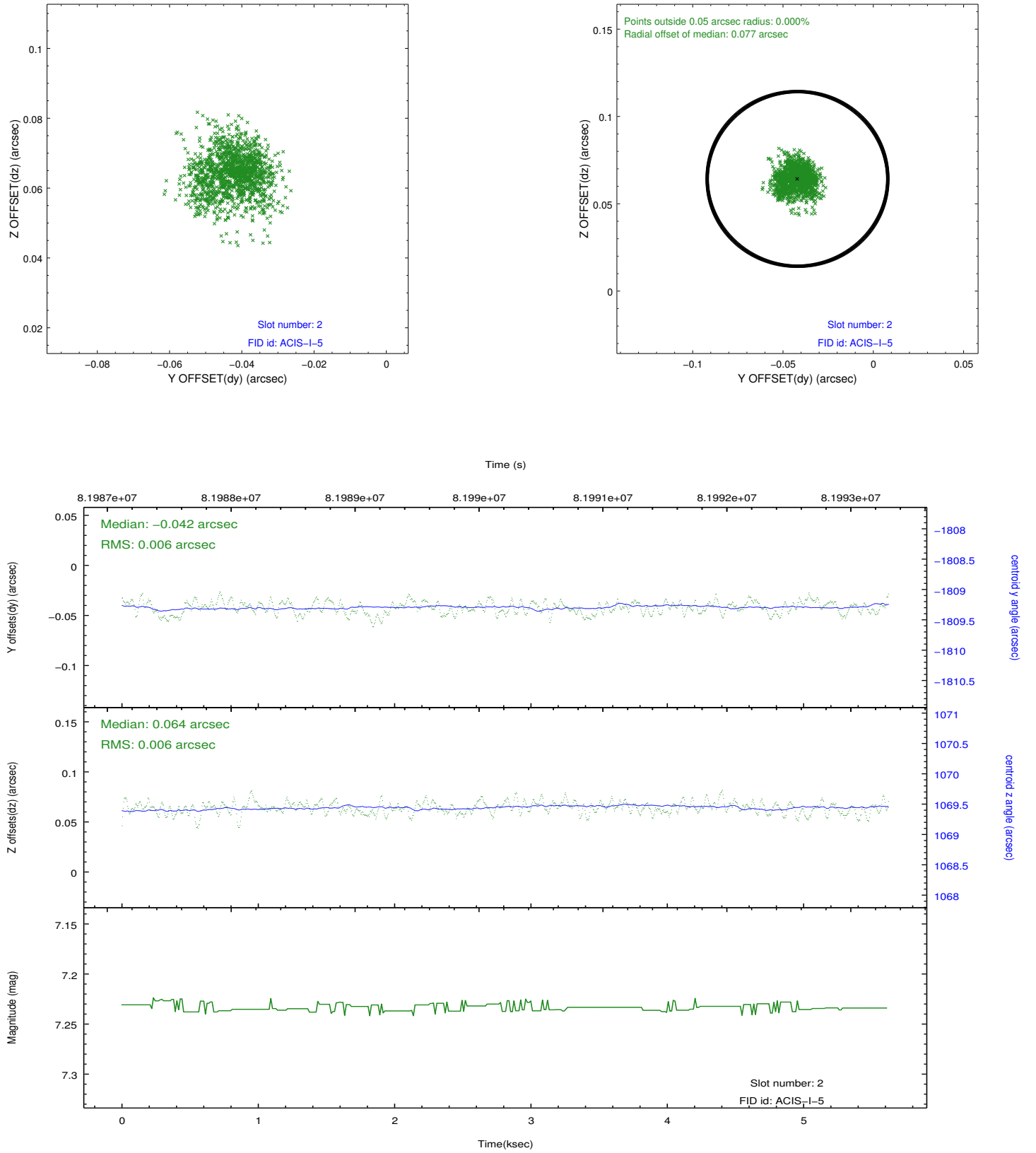
2.5.1 Slot 0



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)	2012.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.619

A.2 Comments

Window constraint met.