

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5971 - L2 Version 3
Chandra X-Ray Center

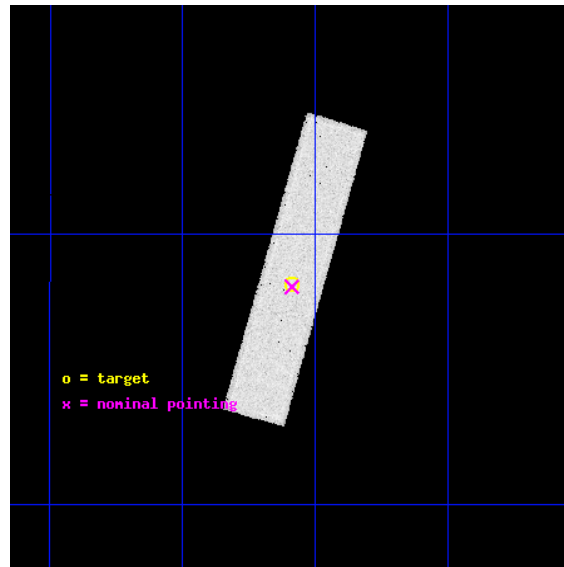
L2 Processing Date : Dec 16 2012

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1 Front

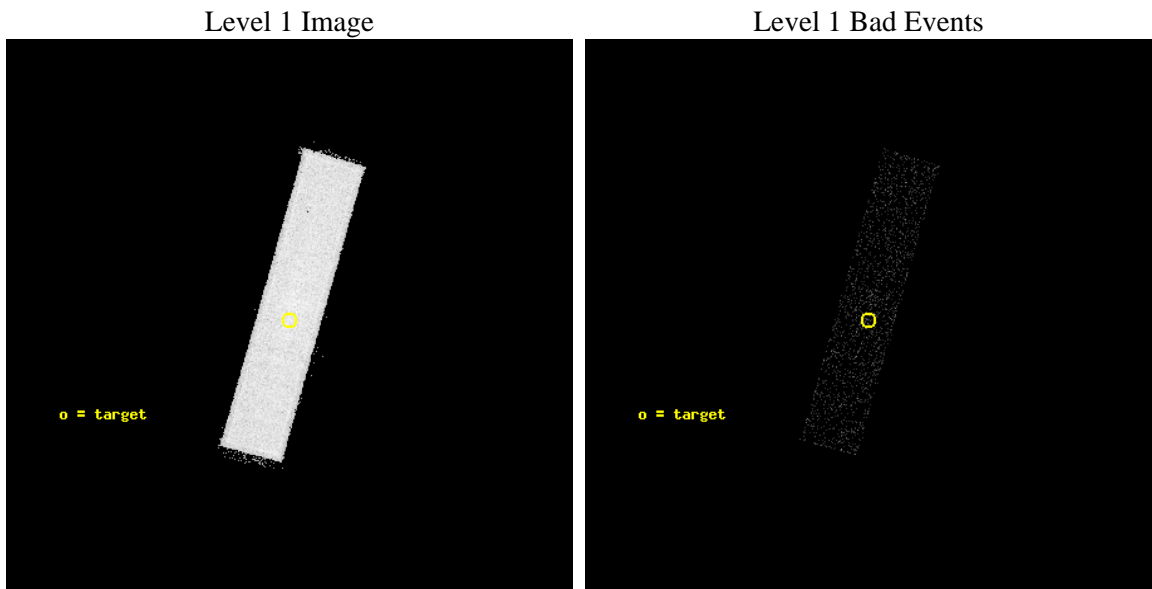
seq_num	290463	Sequence number
obs_id	5971	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Betelgeuse	Source name
ra_targ	88.792917	Observer's specified target RA [deg]
dec_targ	7.407056	Observer's specified target Dec [deg]
ra_nom	88.793902015562	Nominal RA [deg]
dec_nom	7.4024871319113	Nominal Dec [deg]
roll_nom	285.90125339454	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2152.7563473582	[s]
livetime	2140.3392783427	Ontime multiplied by DTCOR
l2events	81322	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	2152.7563473582	[s]
caldsver	4.5.5	 	l1events	110554	Number of level 1 events
date	2012-12-17T01:37:54	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

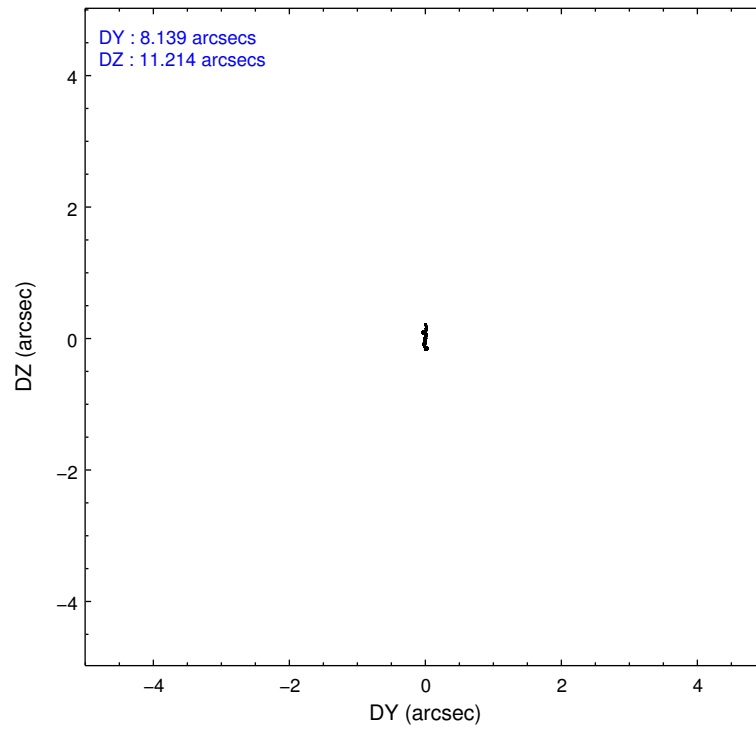
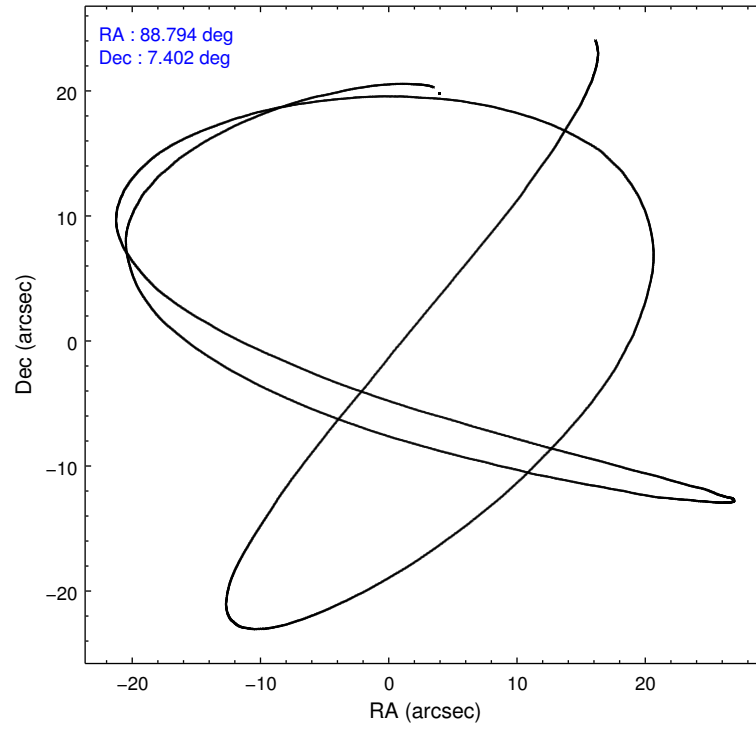
Level 1 Events

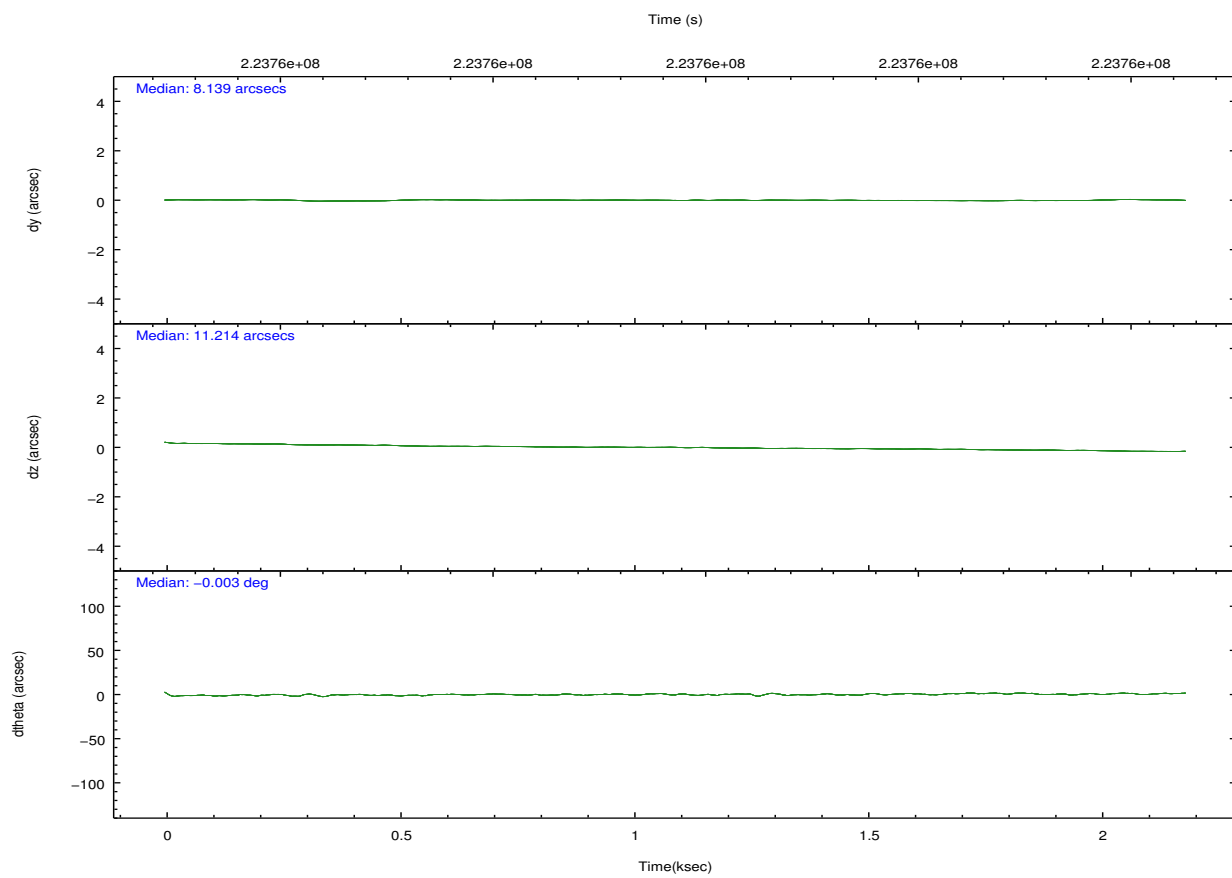
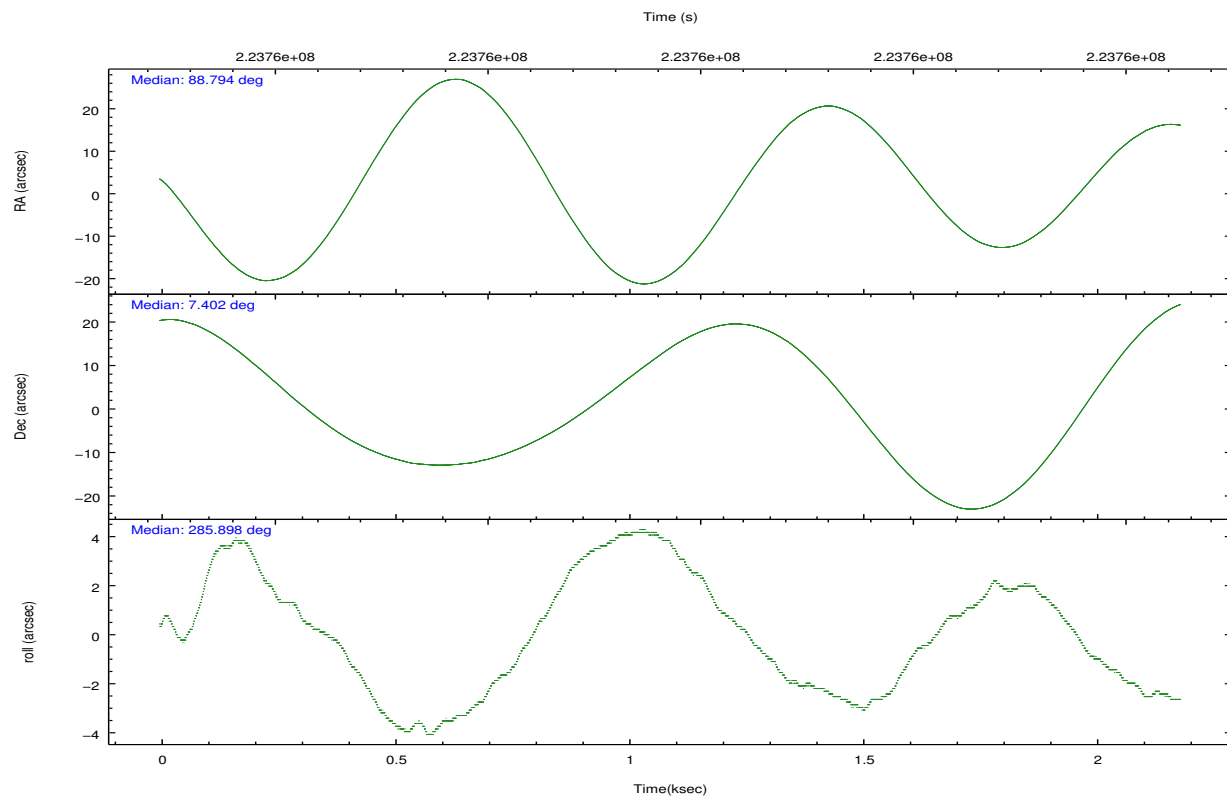
	segment 1	segment 2	segment 3
level 1 events	0	110554	0
rejected events	0	8234	0
rejected %	0%	7%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	88.772398	88.79390201556178			
[deg] Pointing Dec	7.421380	7.40248713191132			
[deg] Pointing Roll	285.836674	285.9012533945423			
[s] Window start time (MET)	223603264.184000	223603264.184000			
[s] Window stop time (MET)	228614464.184000	228614464.184000			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	223760017.184000	223759641.18992			
Observation start date	2005-02-02T19:32:33	2005-02-02T19:27:21			
[s] Observation end time (MET)	223762017.184000	223762150.90254			
Observation end date	2005-02-02T20:05:53	2005-02-02T20:09:10			

2.3 Aspect



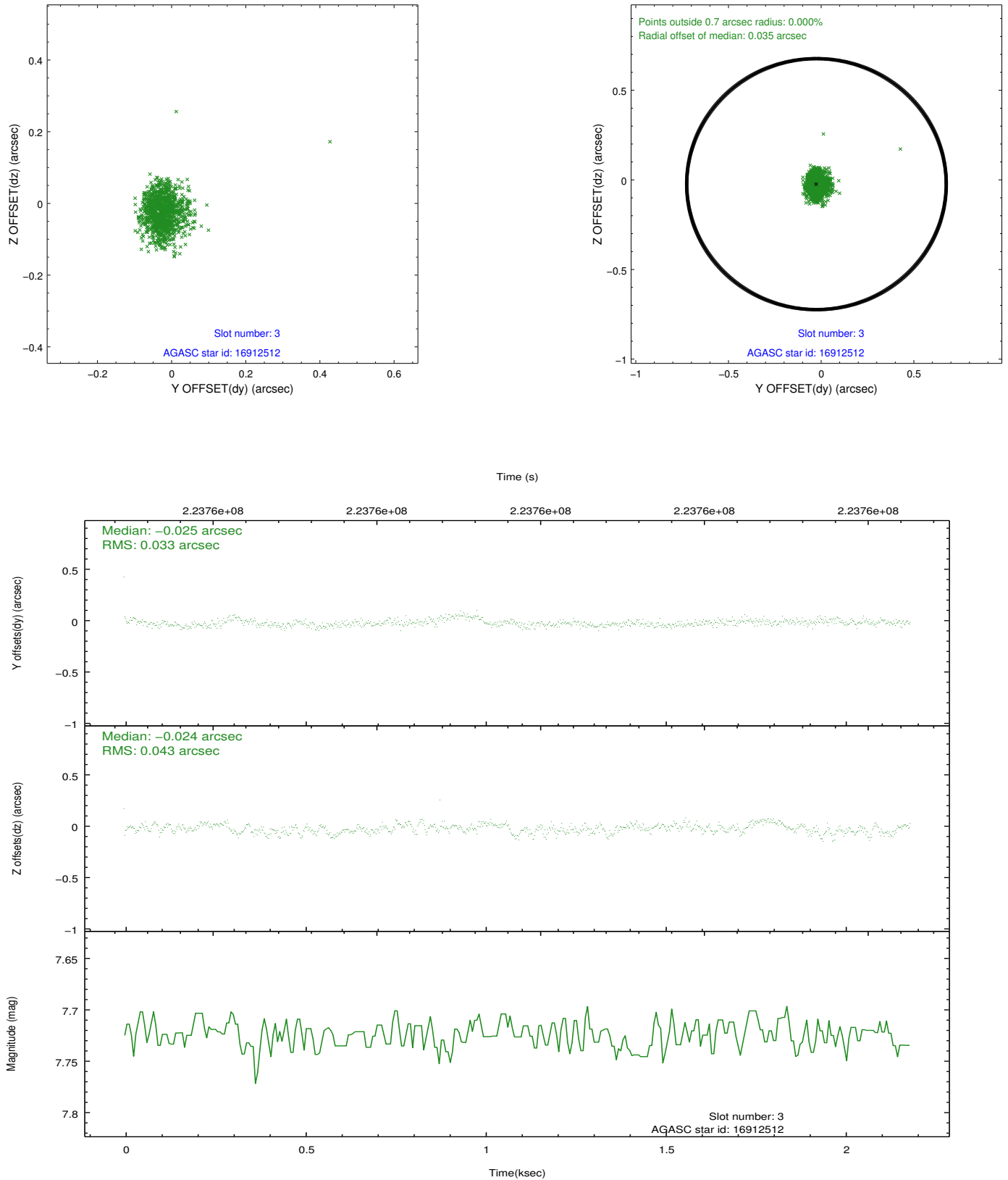


Slot Statistics

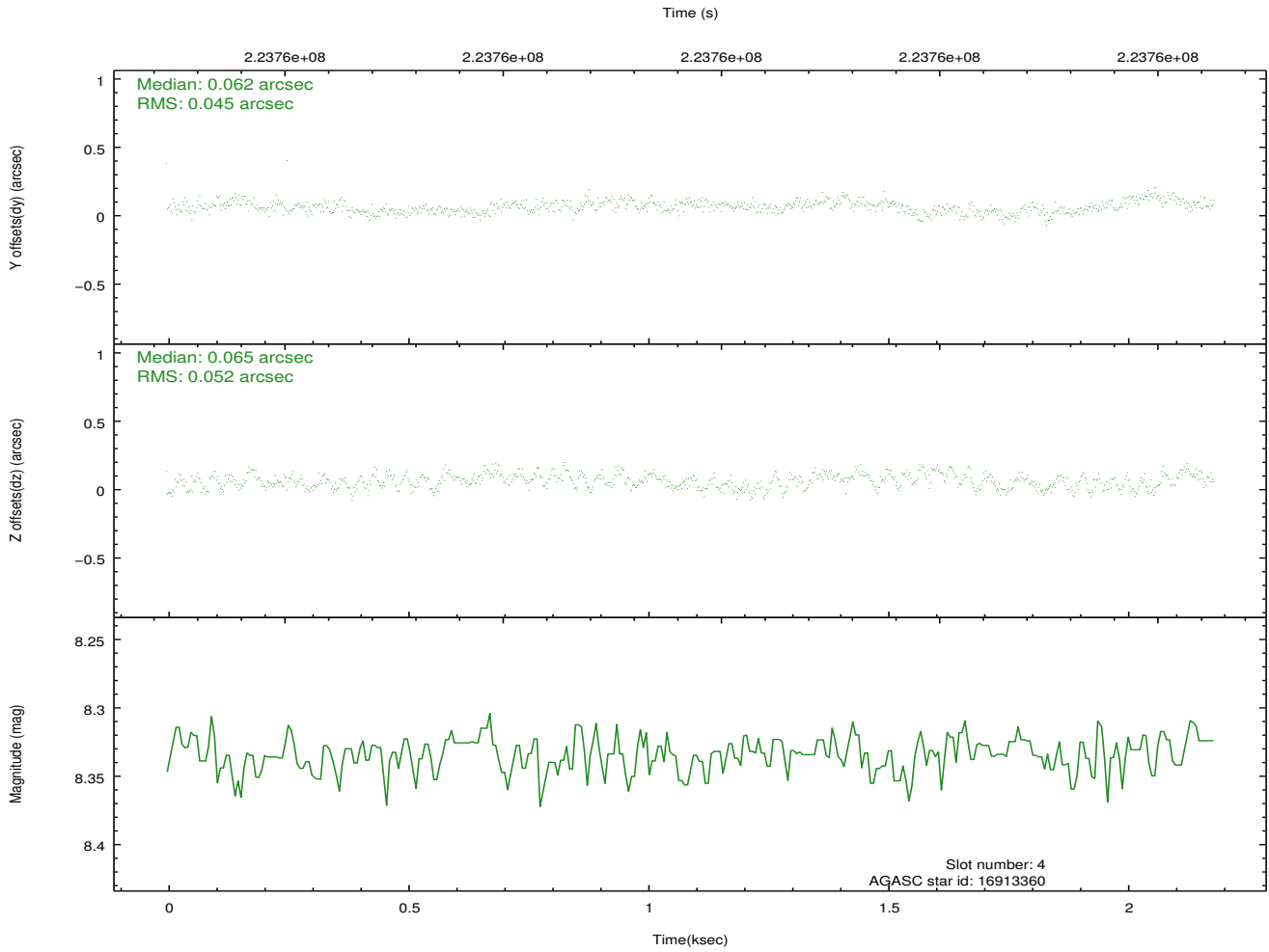
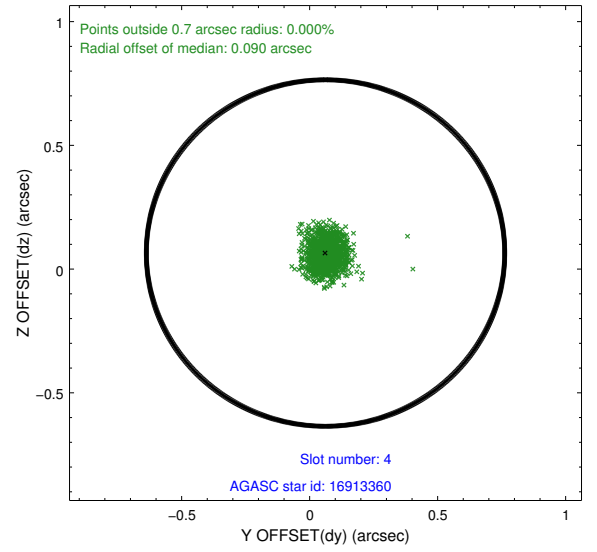
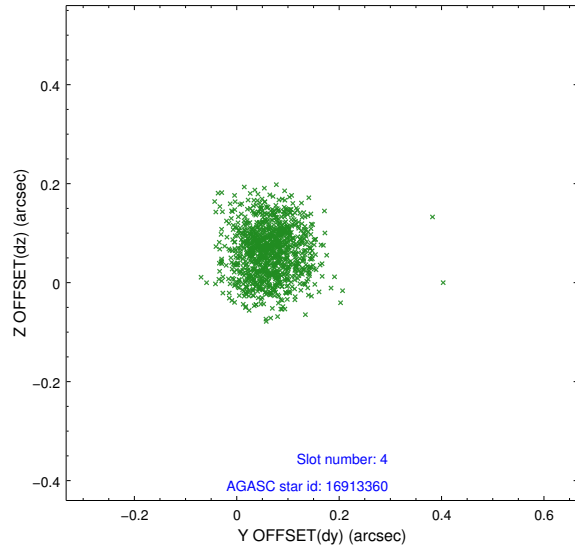
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.01	533	0.121	-0.181	0.008	0.015	0.000000	0.000000	1237.36	-452.60
1	FID	HRC-S-3	7.02	533	0.073	-0.105	0.006	0.011	0.000000	0.000000	-1162.76	568.81
2	FID	HRC-S-4	6.98	533	0.211	-0.010	0.008	0.014	0.000000	0.000000	1233.85	573.37
3	GUIDE	16912512	7.72	1066	-0.025	-0.024	0.055	0.090	88.651510	7.129862	892.15	-700.95
4	GUIDE	16913360	8.33	1064	0.062	0.065	0.074	0.115	89.178373	7.247125	999.80	1224.09
5	GUIDE	16918912	8.66	1065	0.158	0.172	0.071	0.121	89.257075	6.922287	2201.80	1178.65
6	GUIDE	93727304	8.27	1066	-0.180	-0.113	0.067	0.111	88.040179	7.731431	-1786.40	-2205.98
7	GUIDE	93856056	7.98	1065	-0.015	-0.098	0.065	0.107	88.147460	7.547925	-1049.66	-2022.24

2.4 Star Slots

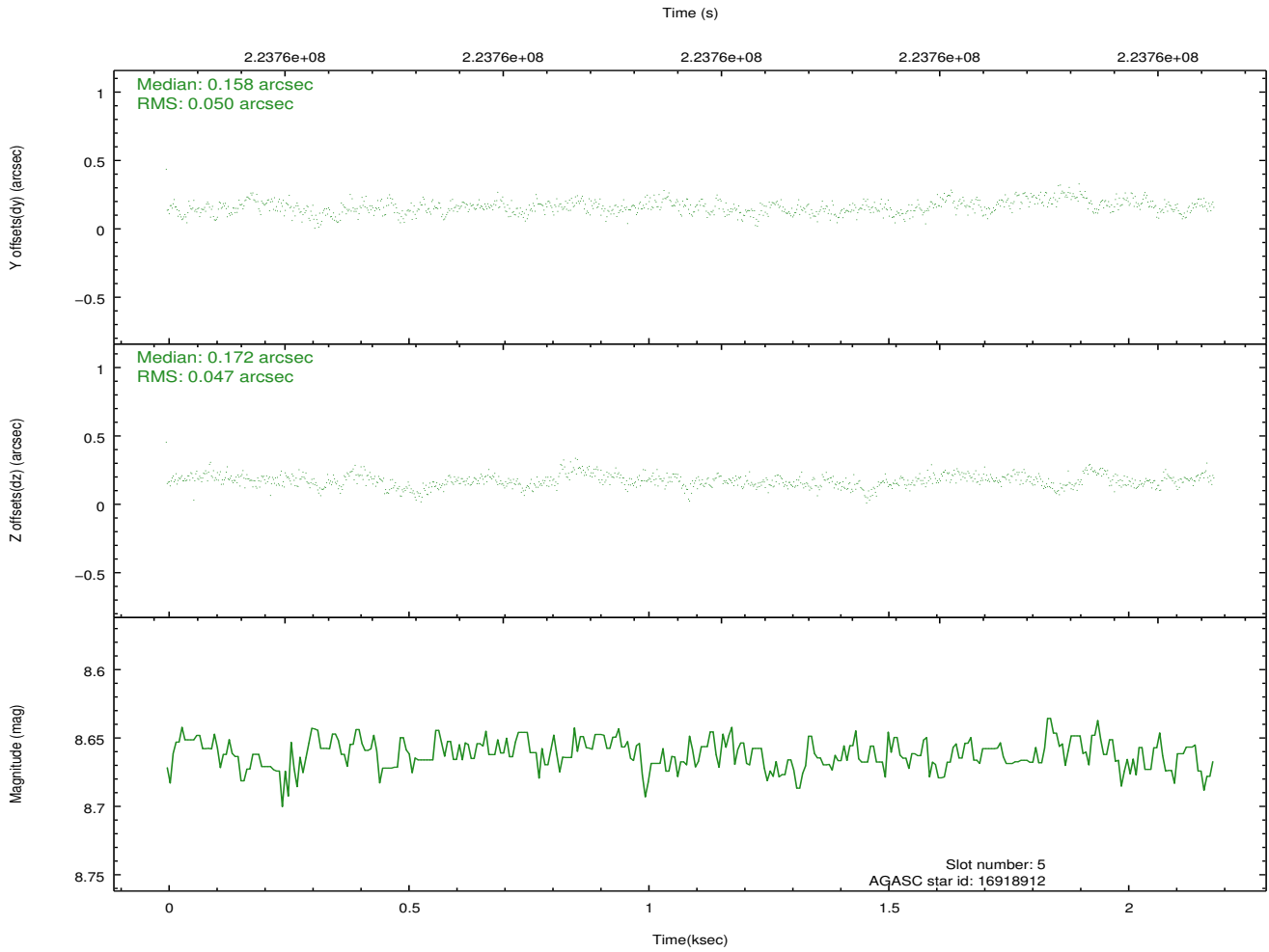
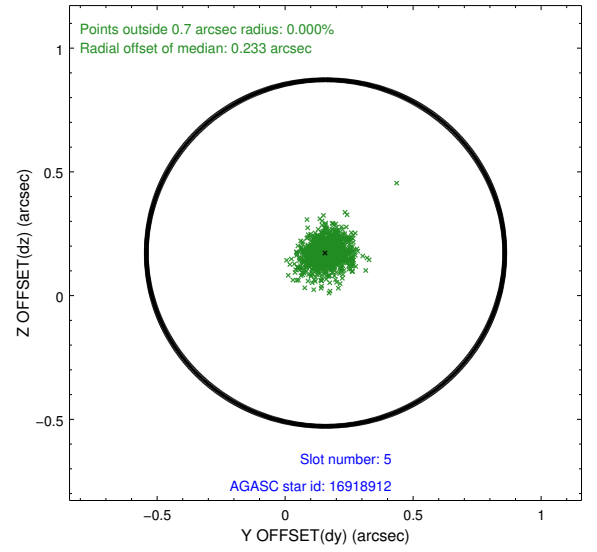
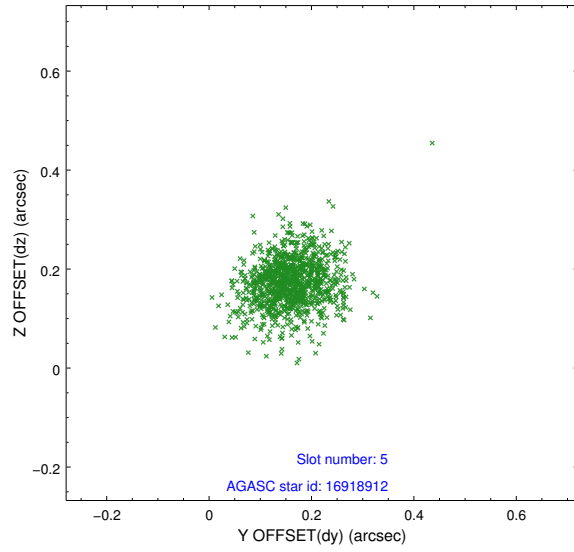
2.4.1 Slot 3



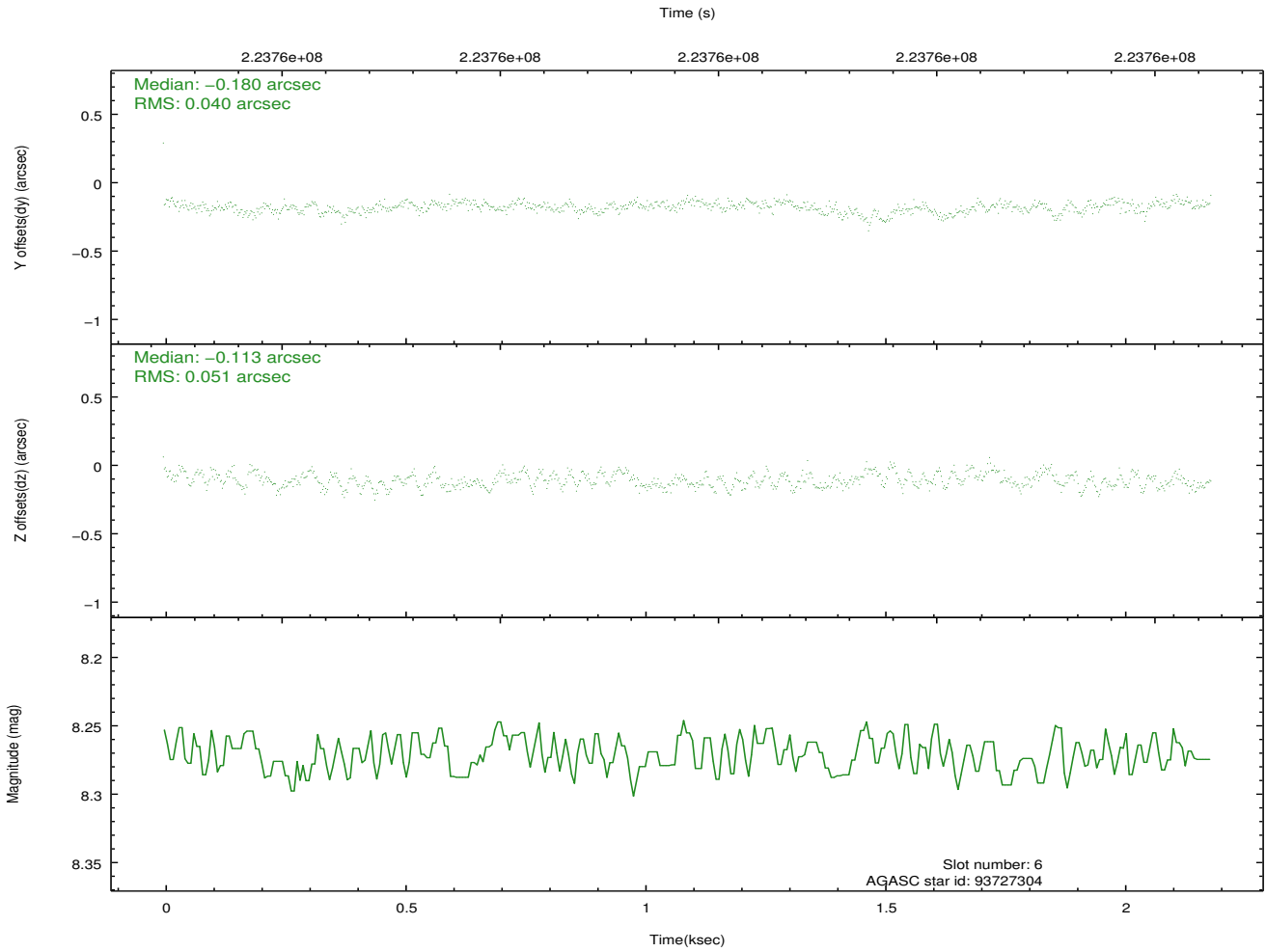
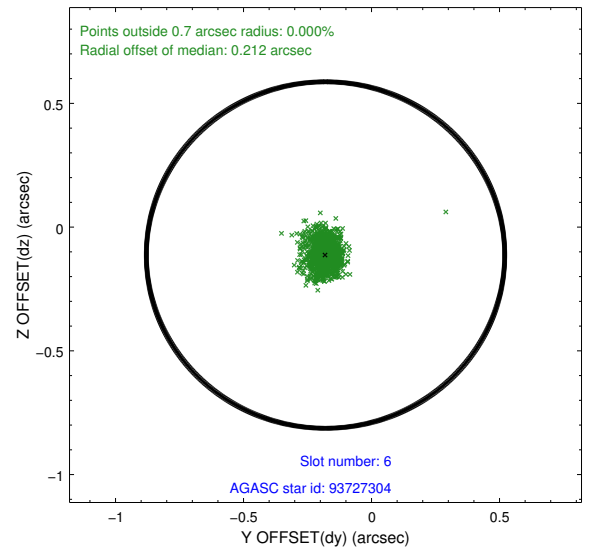
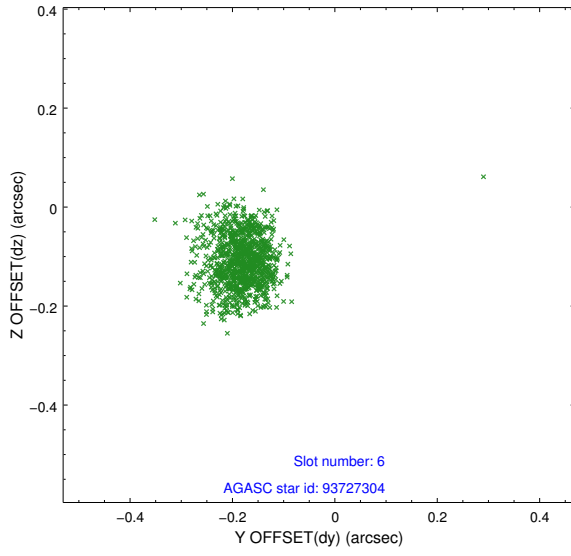
2.4.2 Slot 4



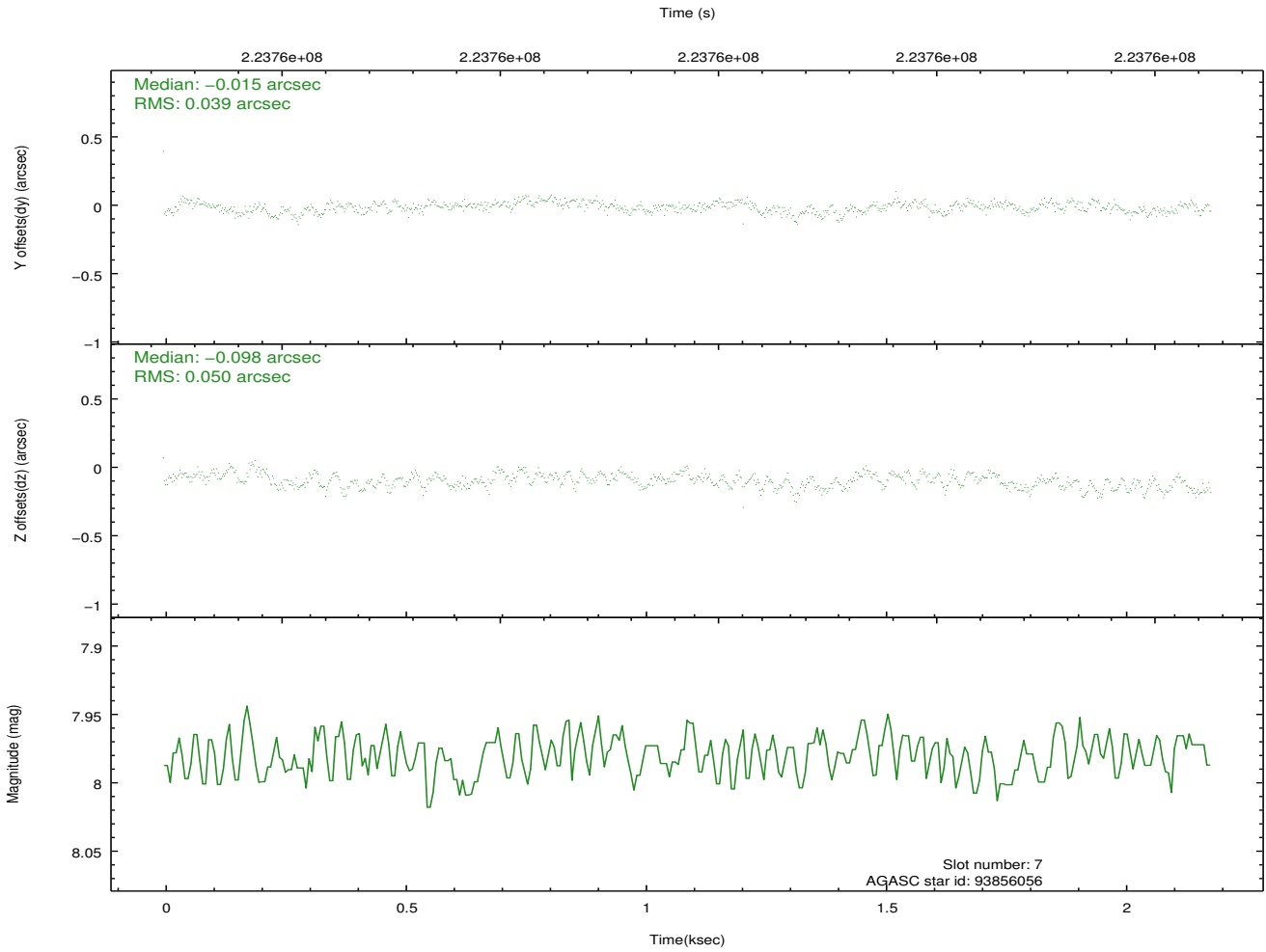
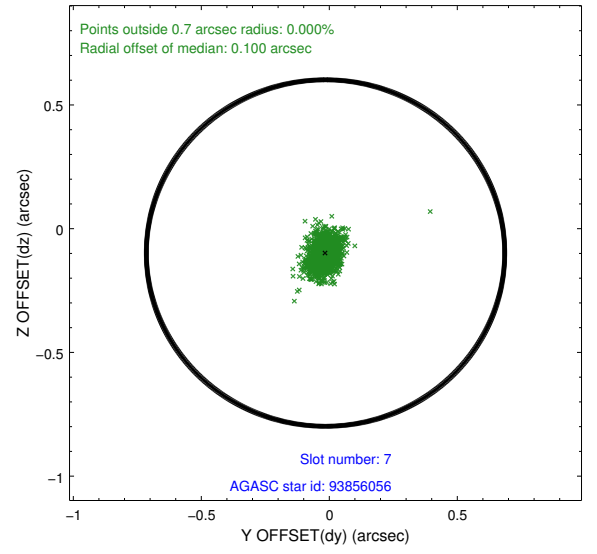
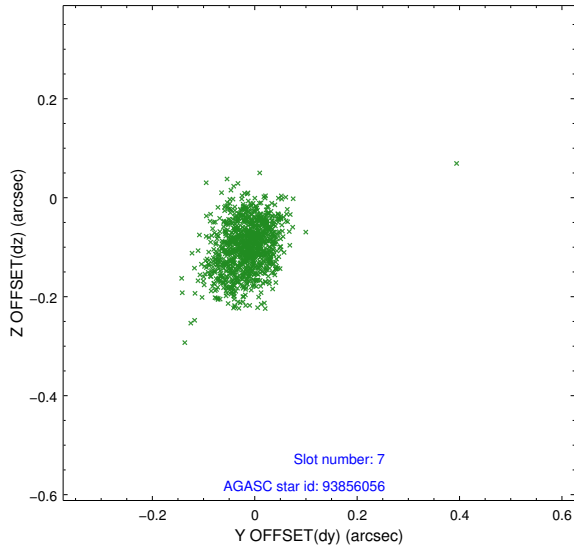
2.4.3 Slot 5



2.4.4 Slot 6

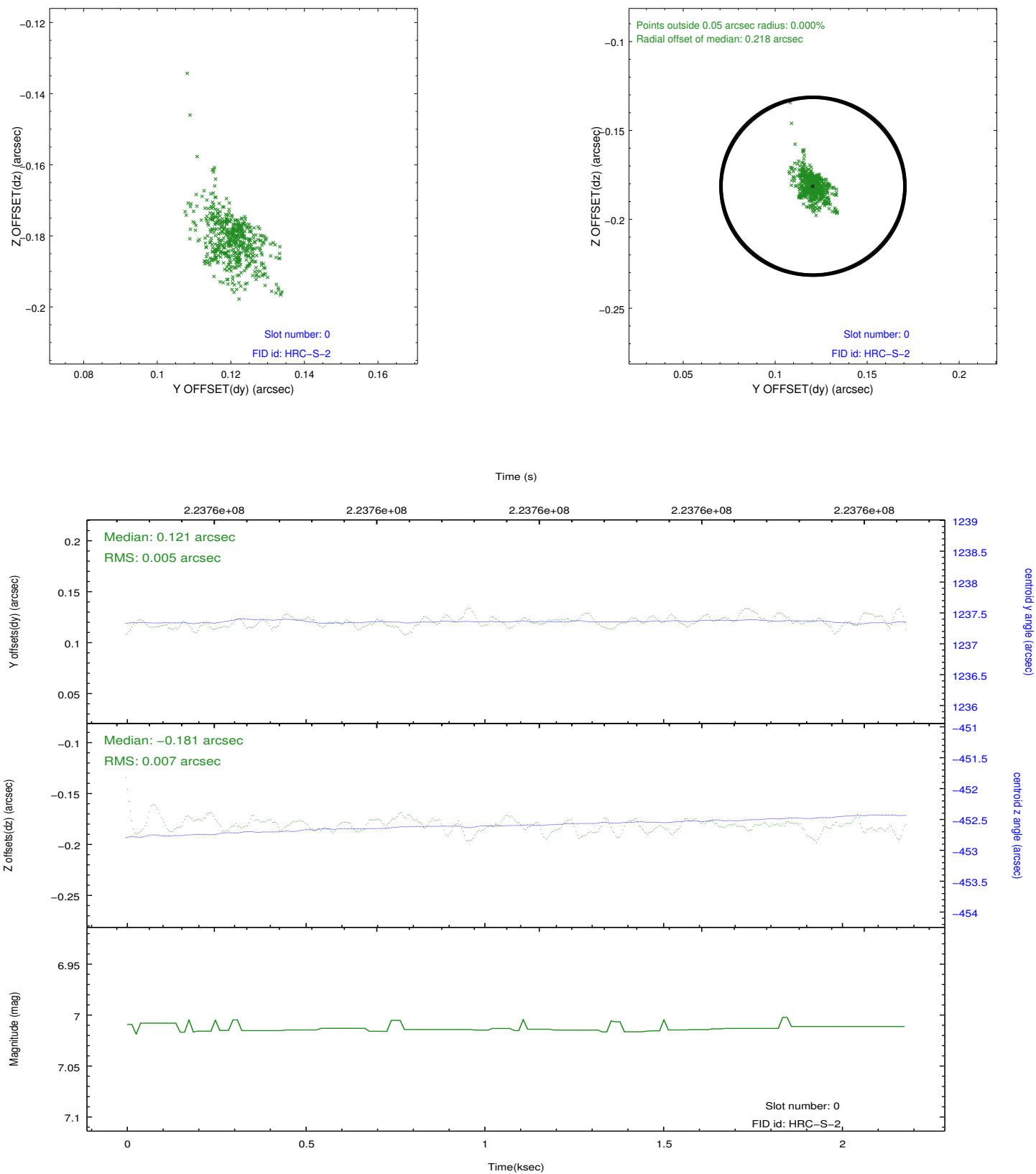


2.4.5 Slot 7

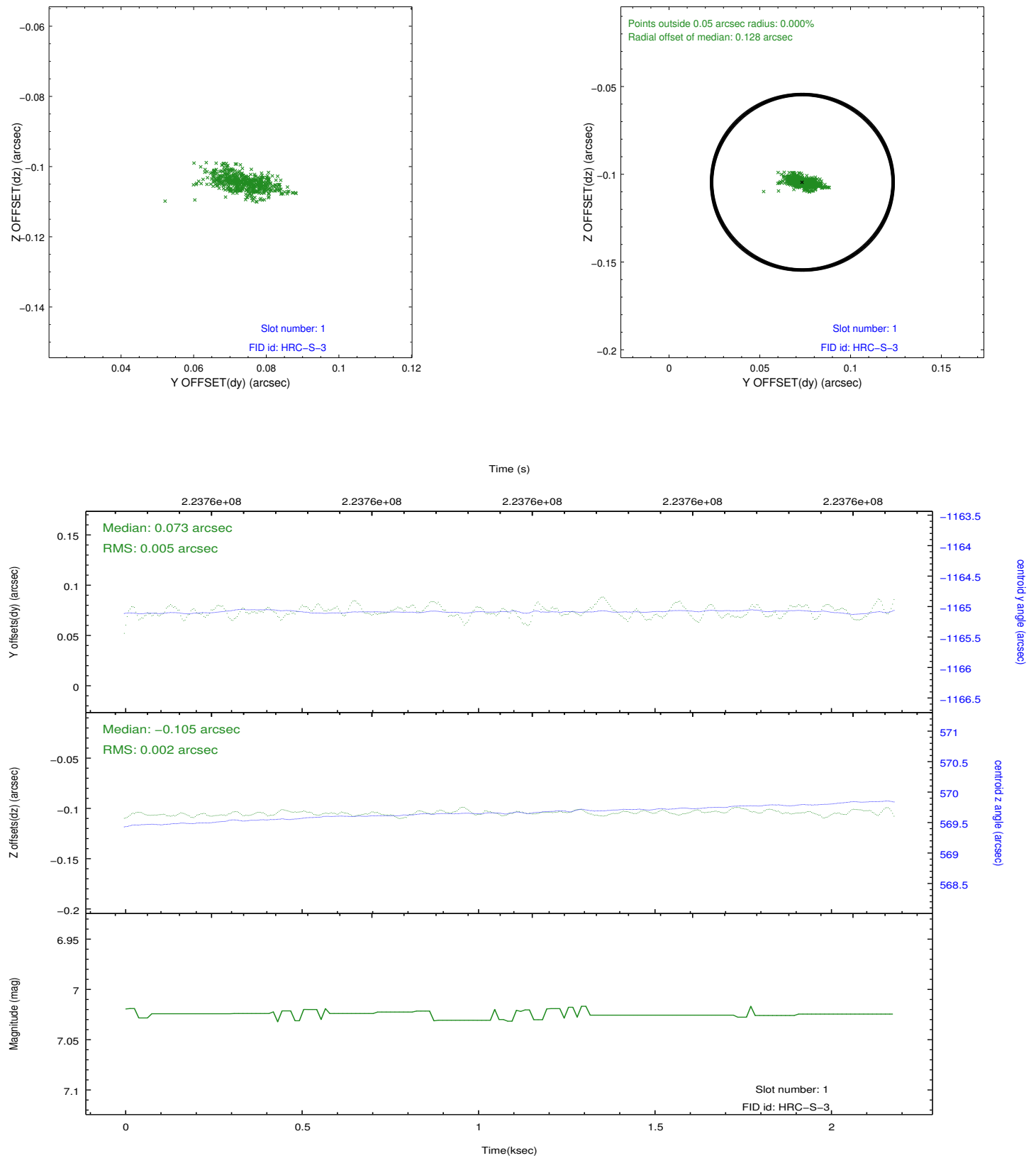


2.5 FID Slots

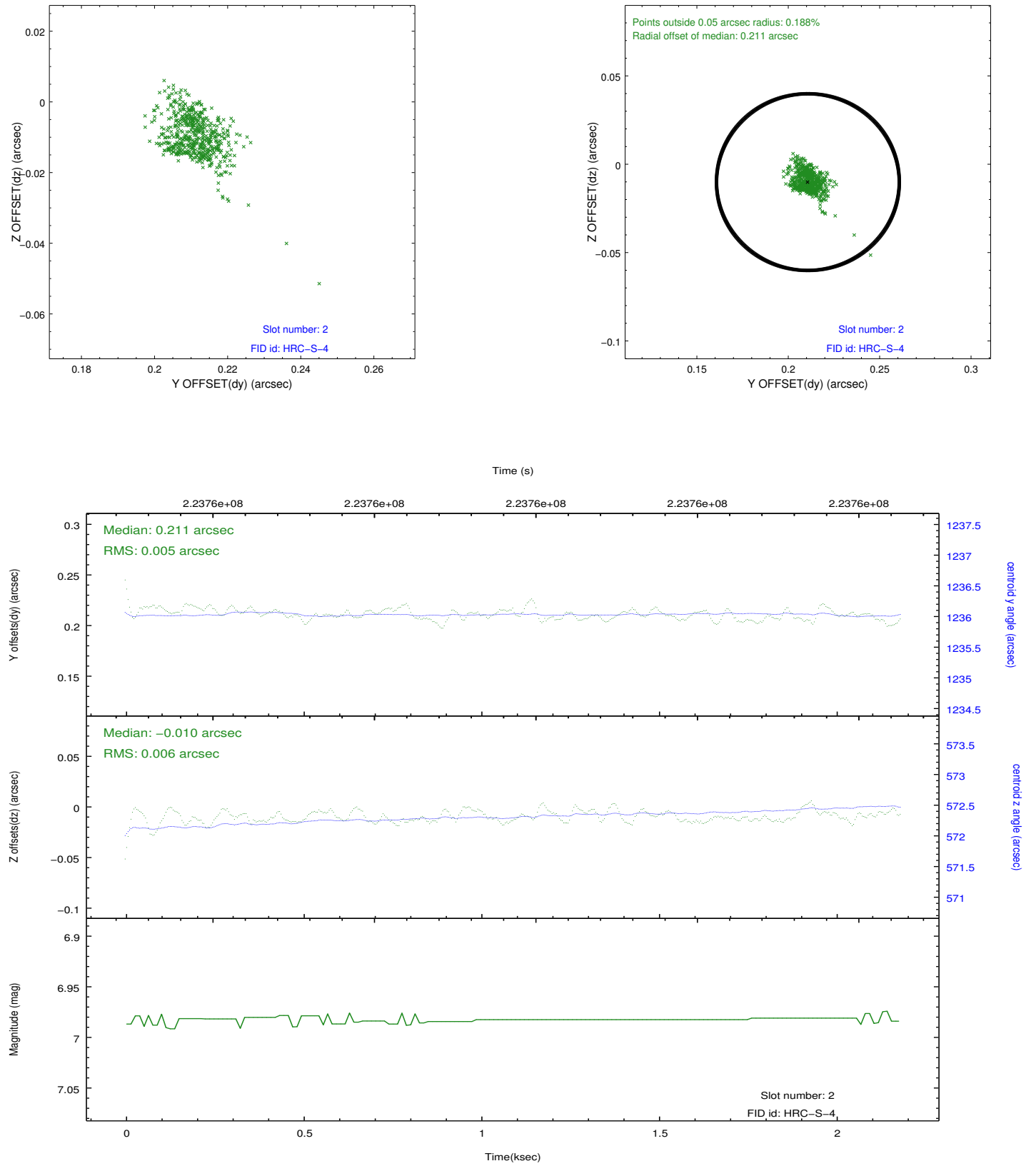
2.5.1 Slot 0



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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.152756

A.2 Comments

Window constraint met.