

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5976 - L2 Version 3
Chandra X-Ray Center

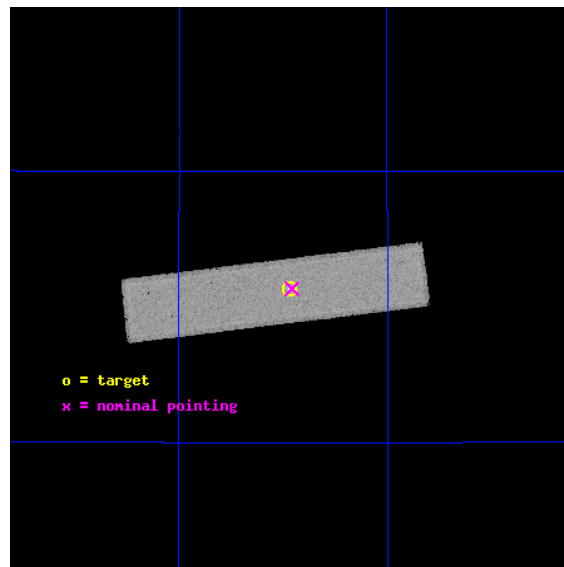
L2 Processing Date : Dec 25 2012

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1 Front

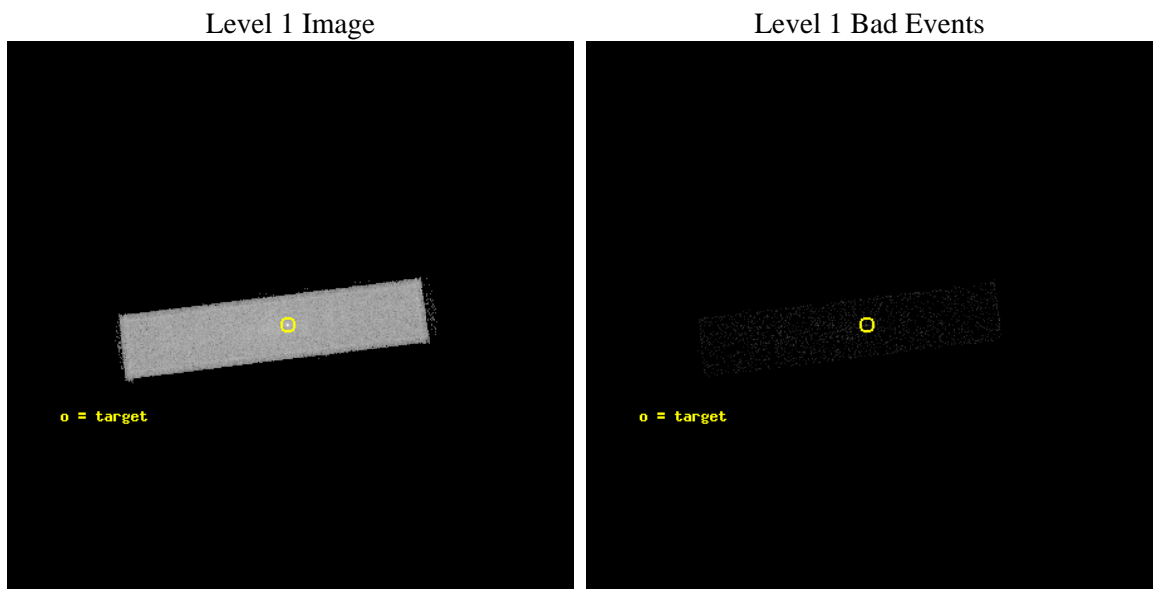
seq_num	290468	Sequence number
obs_id	5976	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.22905413172	Nominal RA [deg]
dec_nom	38.784312056428	Nominal Dec [deg]
roll_nom	172.96187219849	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2152.7563483417	[s]
livetime	2139.2120952678	Ontime multiplied by DTCOR
l2events	90109	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	8.5.1.1	Processing system revision	ontime	2152.7563483417	[s]
caldbver	4.5.5	 	l1events	121469	Number of level 1 events
date	2012-12-25T05:42:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

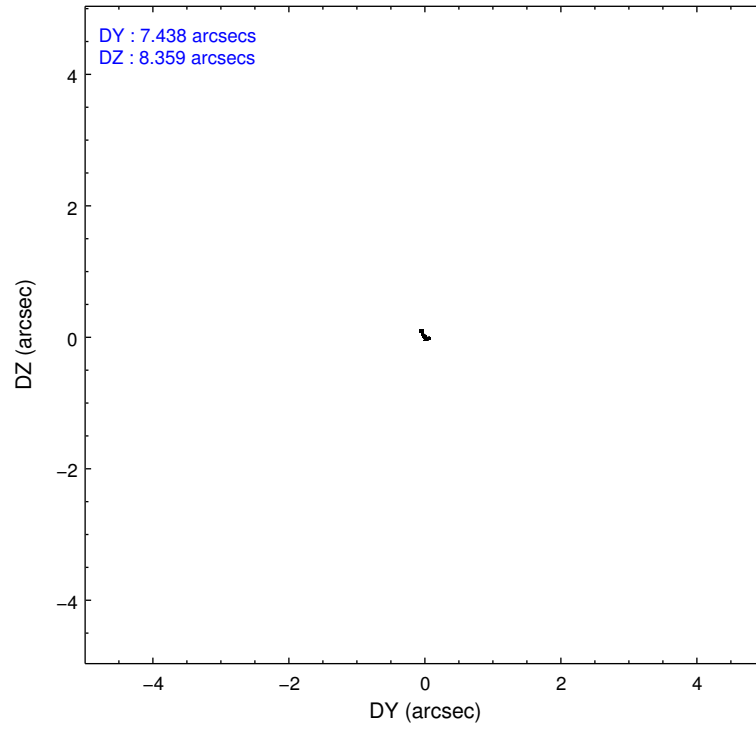
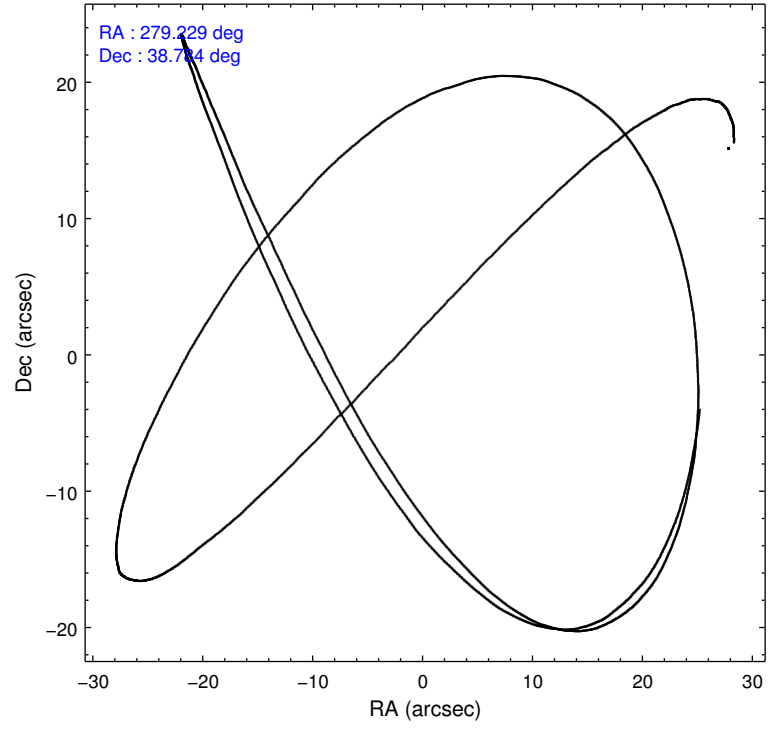
Level 1 Events

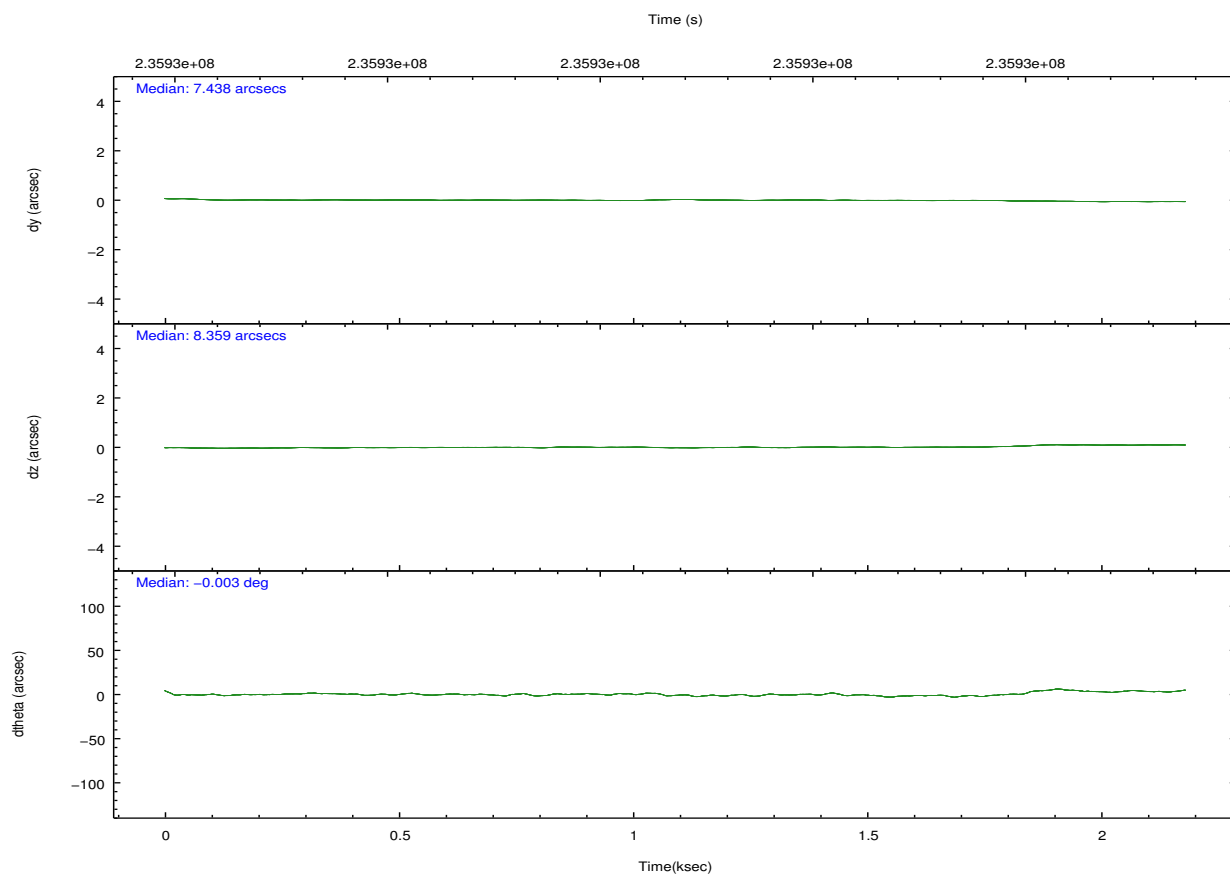
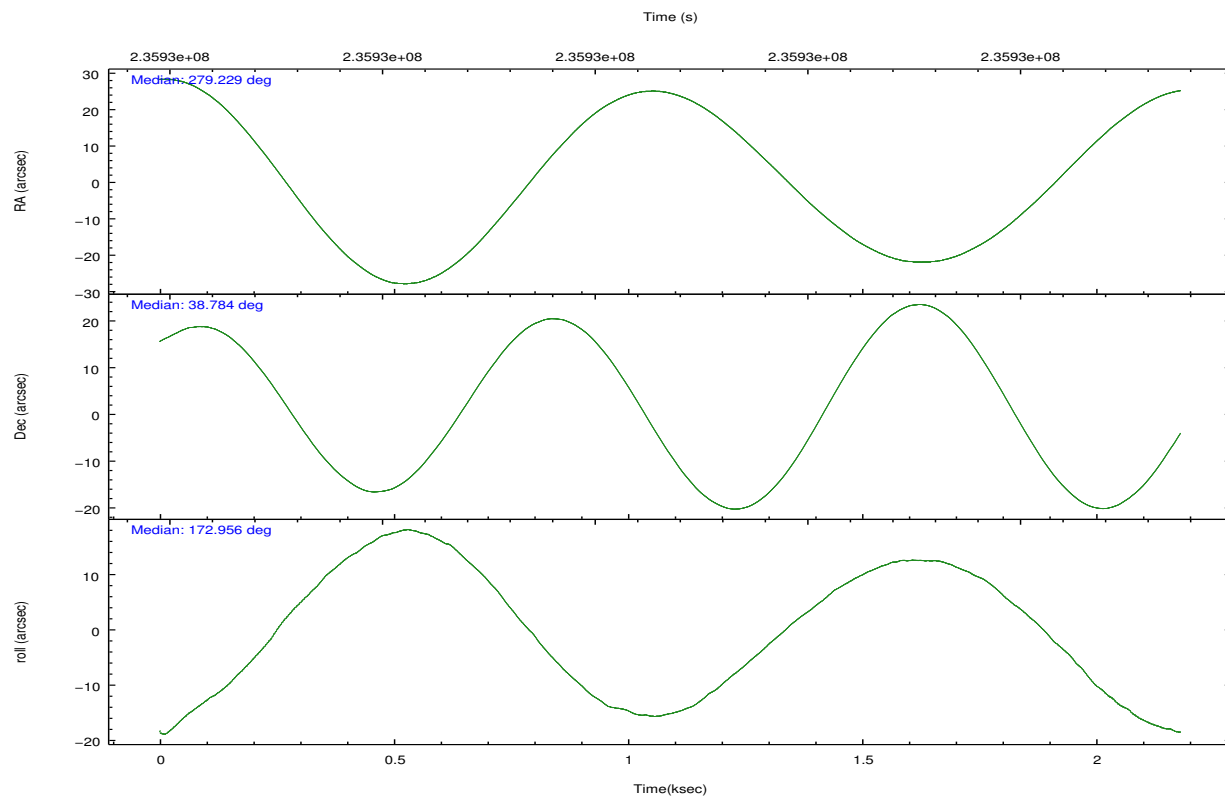
	segment 1	segment 2	segment 3
level 1 events	0	121469	0
rejected events	0	8846	0
rejected %	0%	7%	0%

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	279.262100	279.2290541317183			
[deg] Pointing Dec	38.796932	38.78431205642796			
[deg] Pointing Roll	172.873827	172.9618721984892			
[s] Window start time (MET)	231292864.184000	231292864.184000			
[s] Window stop time (MET)	236476864.184000	236476864.184000			
[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)	235929267.184000	235928891.20547			
Observation start date	2005-06-23T15:53:23	2005-06-23T15:48:11			
[s] Observation end time (MET)	235931267.184000	235931400.91809			
Observation end date	2005-06-23T16:26:43	2005-06-23T16:30:00			

2.3 Aspect



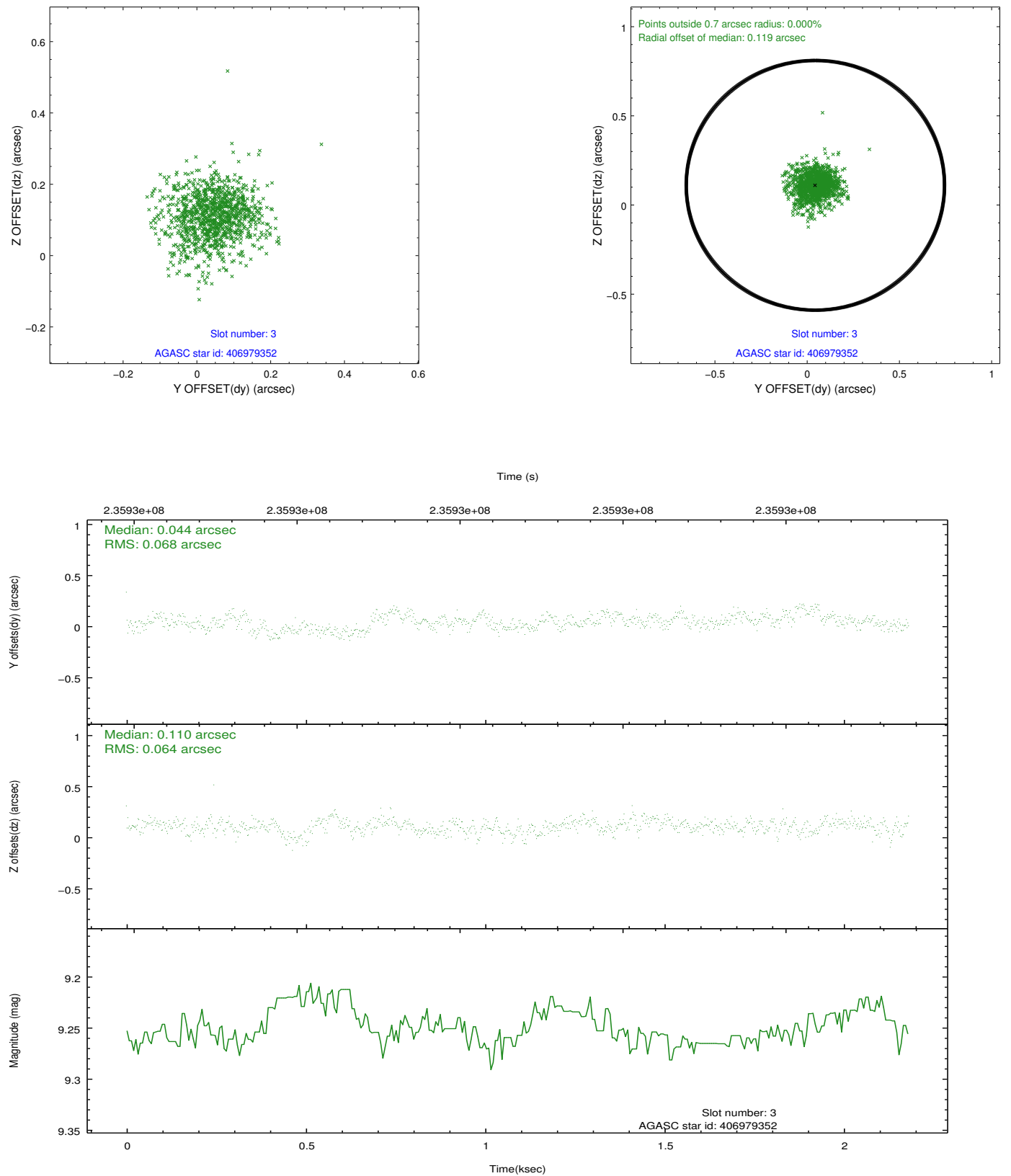


Slot Statistics

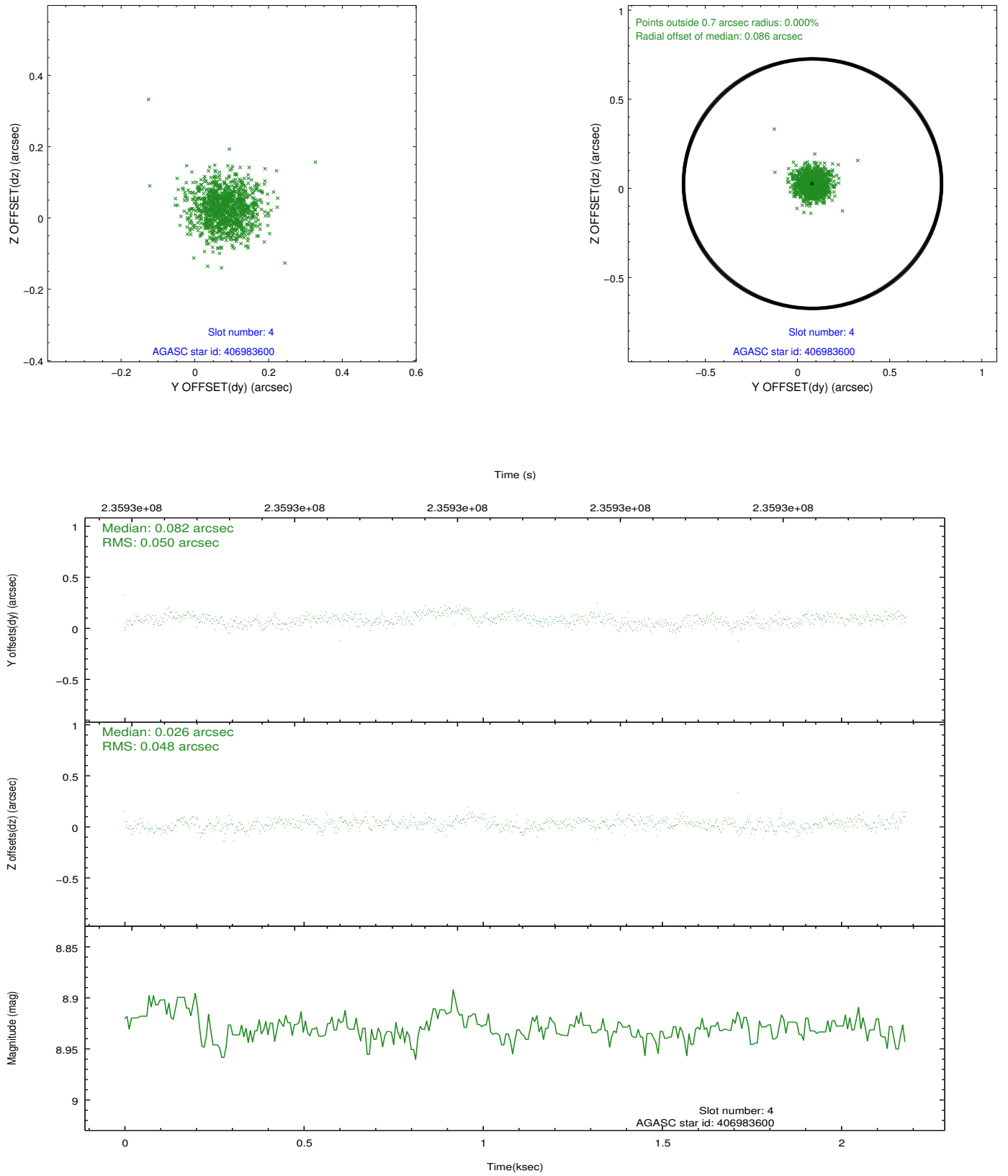
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.03	533	0.144	-0.147	0.021	0.049	0.000000	0.000000	1238.10	-449.64
1	FID	HRC-S-3	7.05	533	0.054	-0.094	0.009	0.024	0.000000	0.000000	-1162.07	571.74
2	FID	HRC-S-4	7.00	532	0.208	-0.054	0.020	0.052	0.000000	0.000000	1234.56	576.25
3	GUIDE	406979352	9.25	1062	0.044	0.110	0.096	0.163	279.968297	39.230258	-1759.23	-1799.31
4	GUIDE	406983600	8.93	1065	0.082	0.026	0.072	0.115	279.940957	39.020708	-1784.84	-1043.66
5	GUIDE	406987272	6.93	1065	-0.206	-0.217	0.054	0.088	278.536588	38.437504	1869.11	1528.19
6	GUIDE	407510432	8.16	1065	0.100	0.006	0.101	0.154	278.762778	39.530640	1706.48	-2451.45
7	GUIDE	407521232	8.64	1064	-0.015	0.066	0.094	0.145	279.628883	39.431715	-726.08	-2398.73

2.4 Star Slots

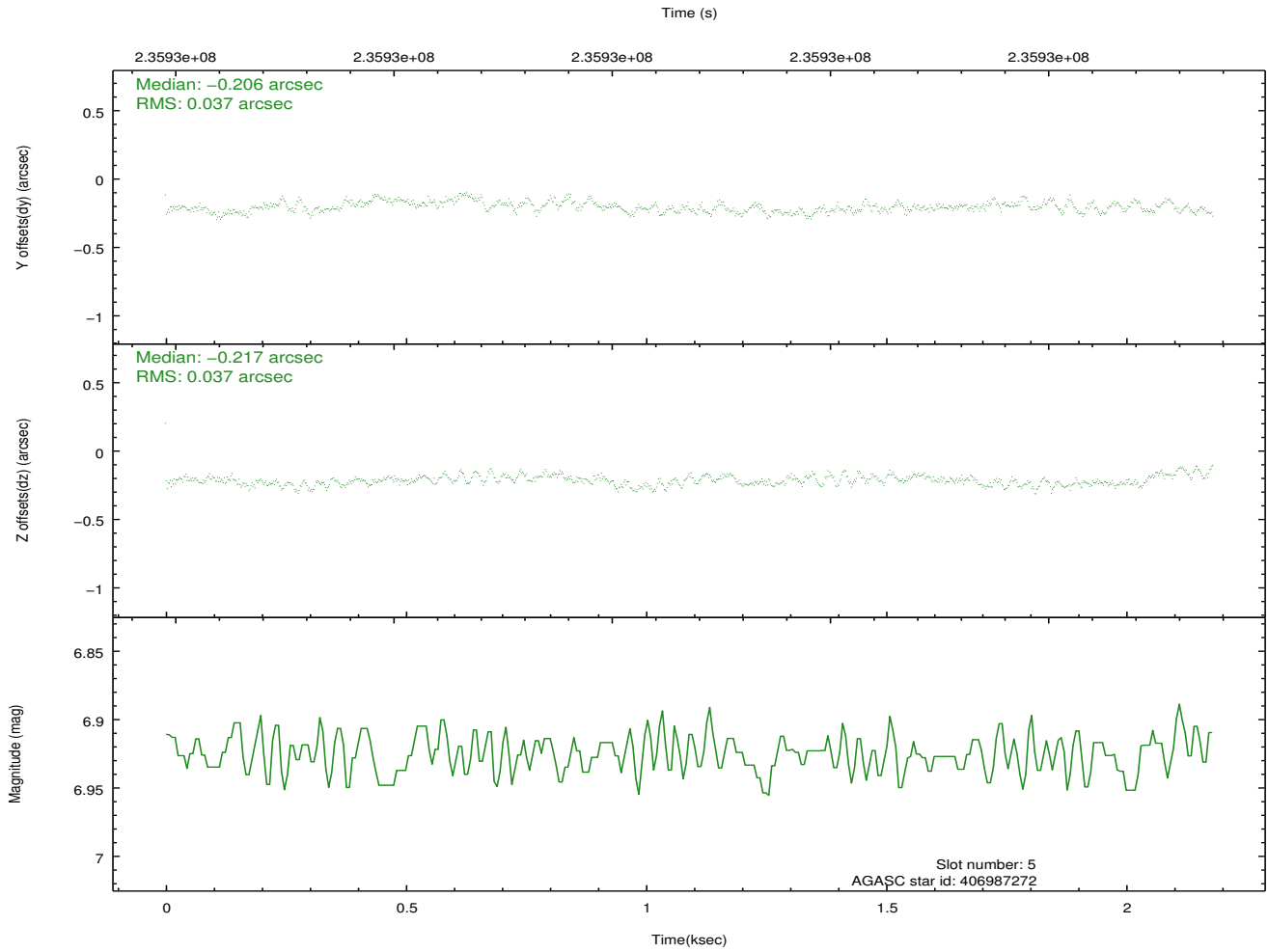
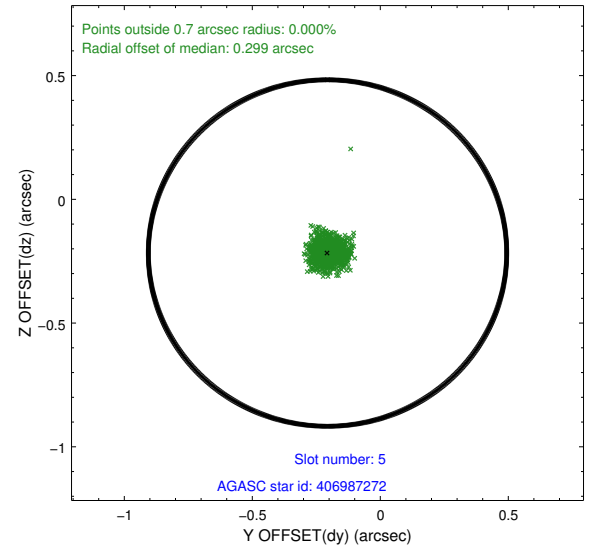
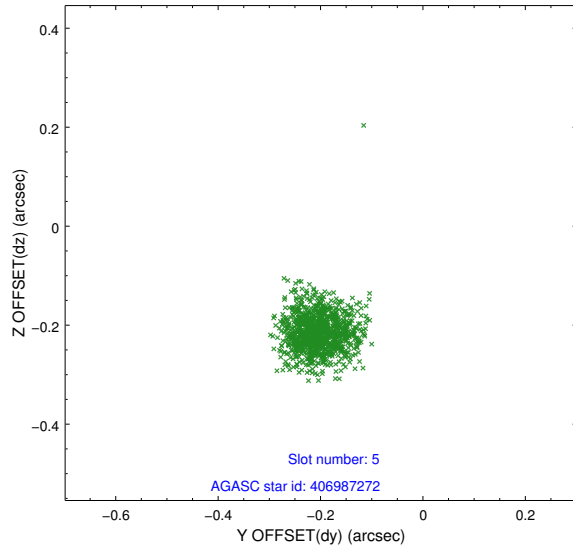
2.4.1 Slot 3



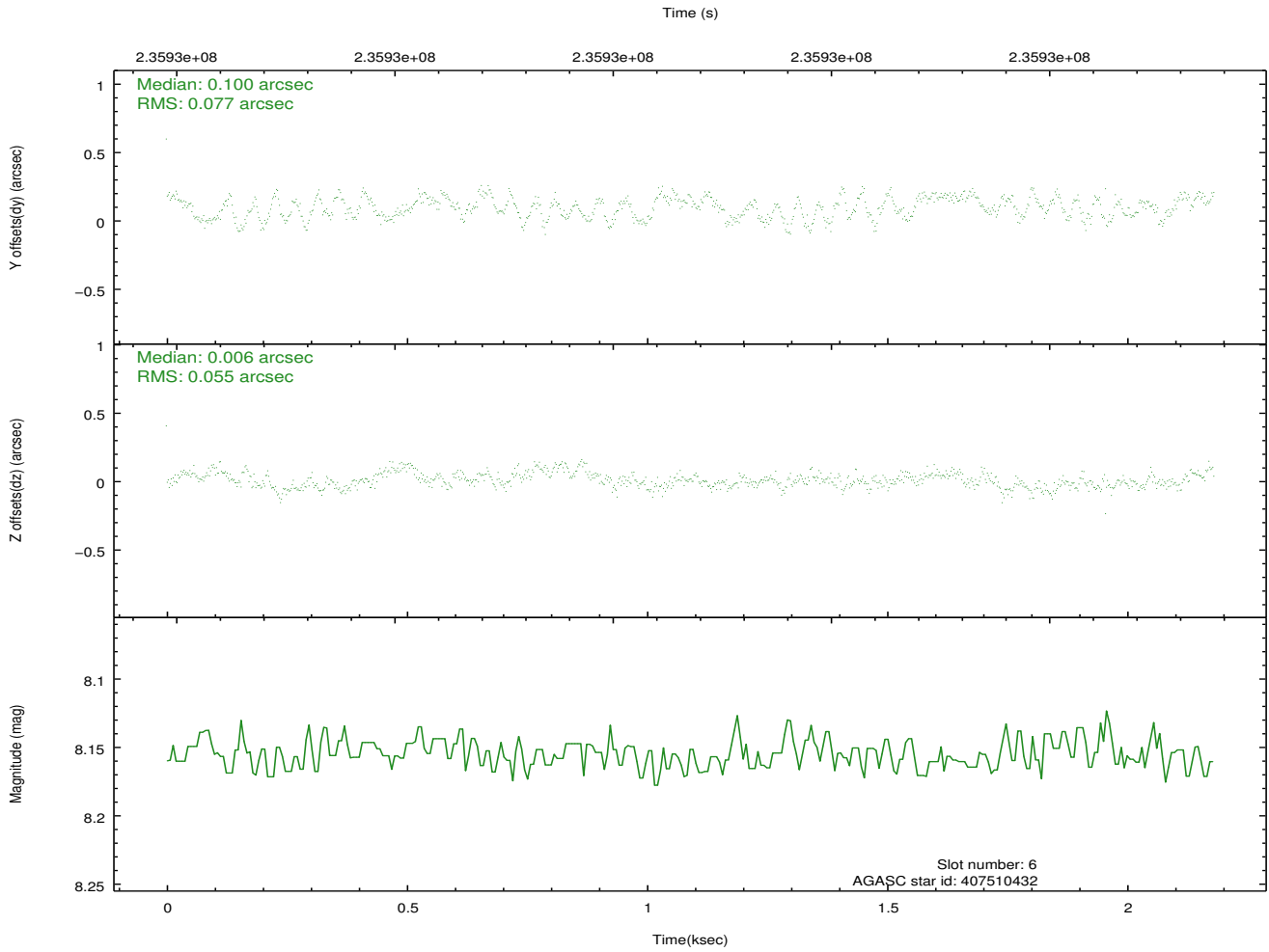
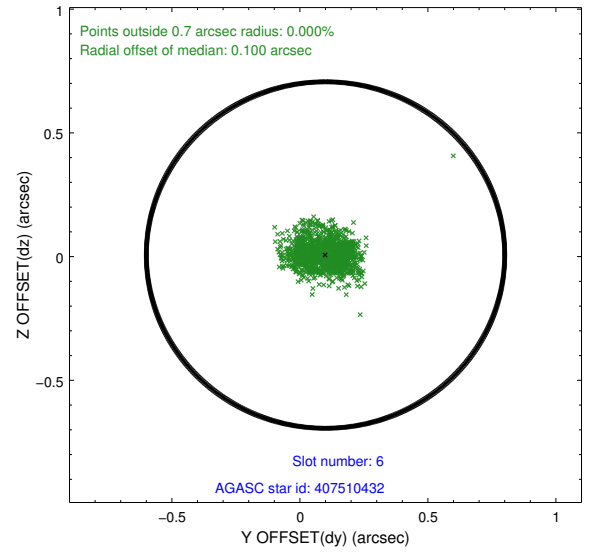
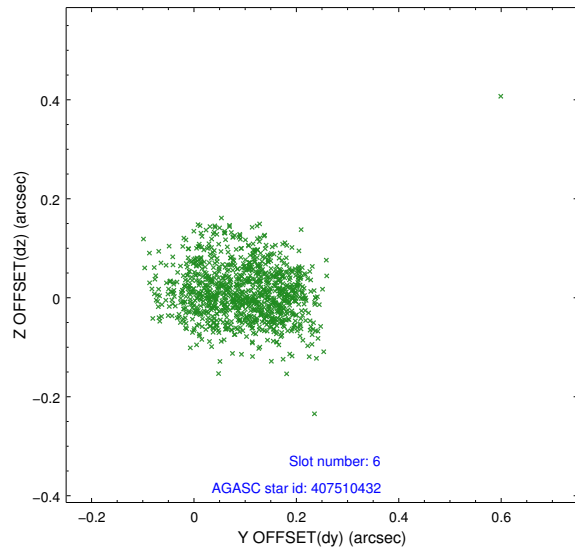
2.4.2 Slot 4



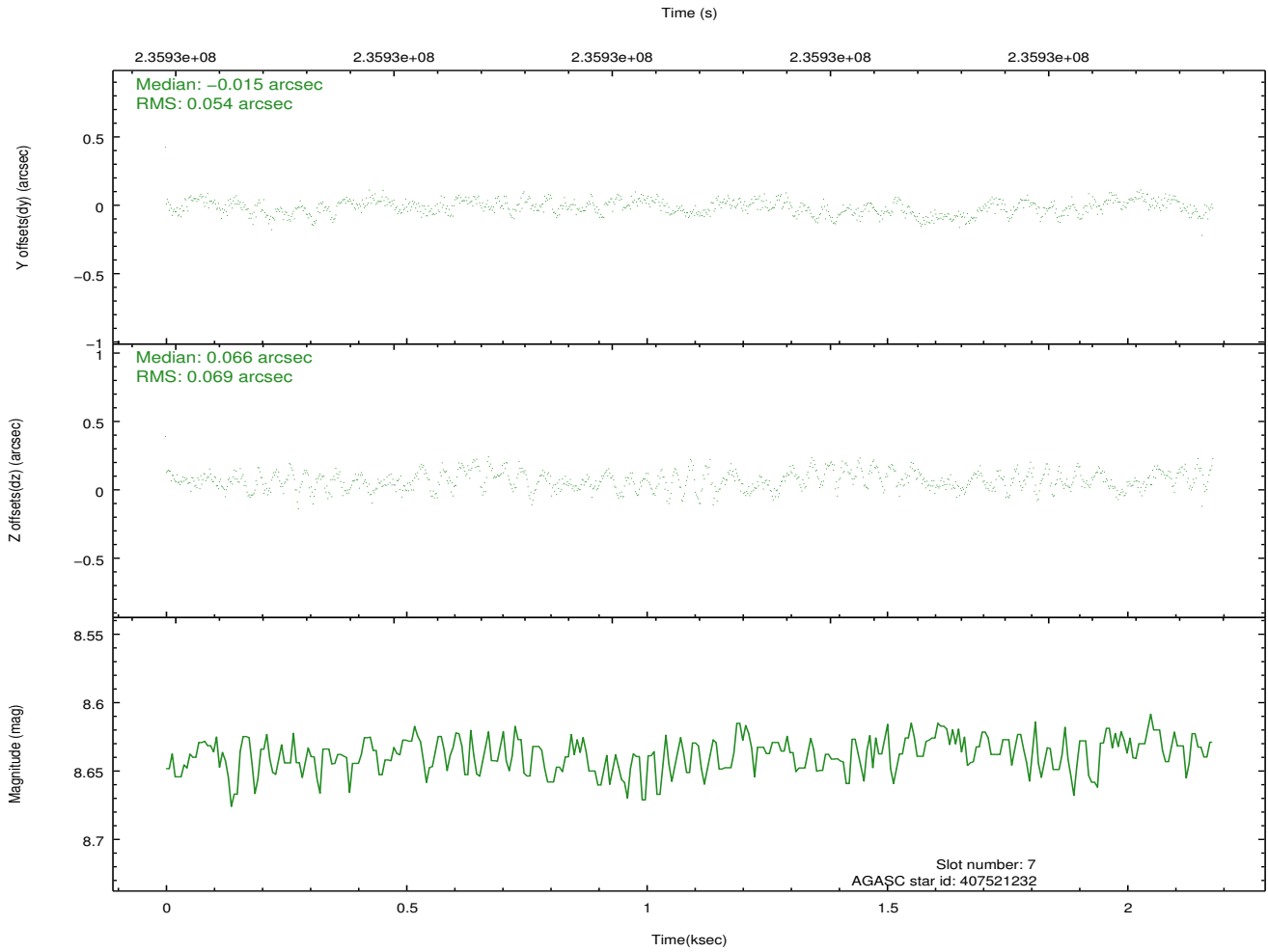
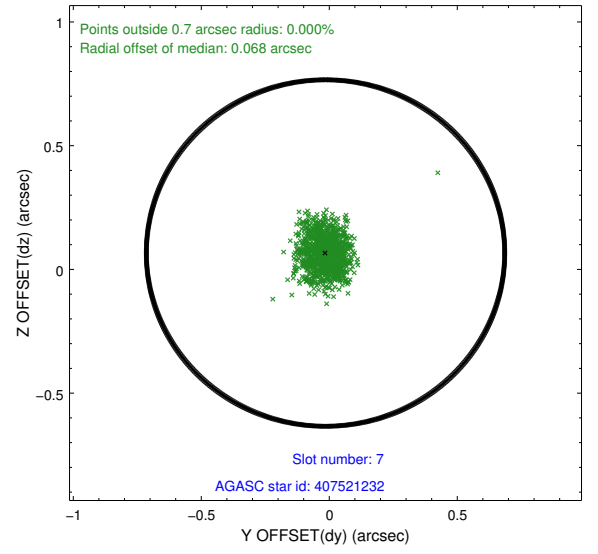
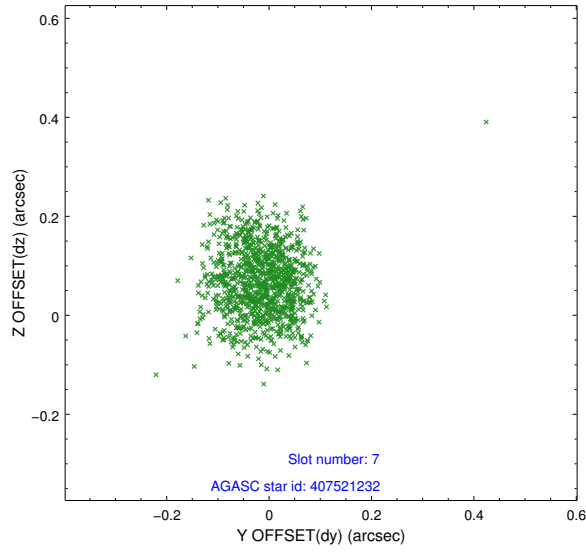
2.4.3 Slot 5



2.4.4 Slot 6

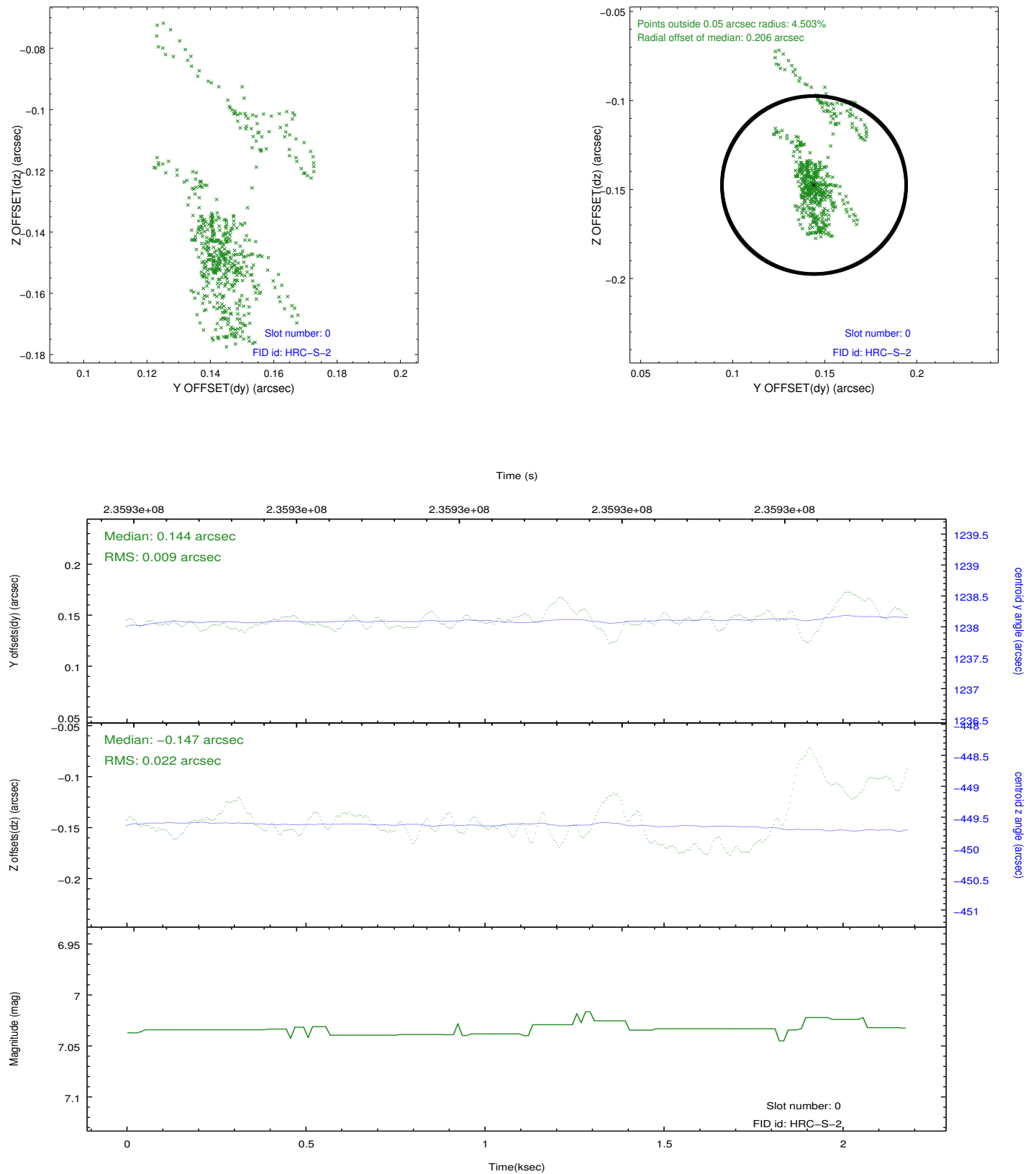


2.4.5 Slot 7

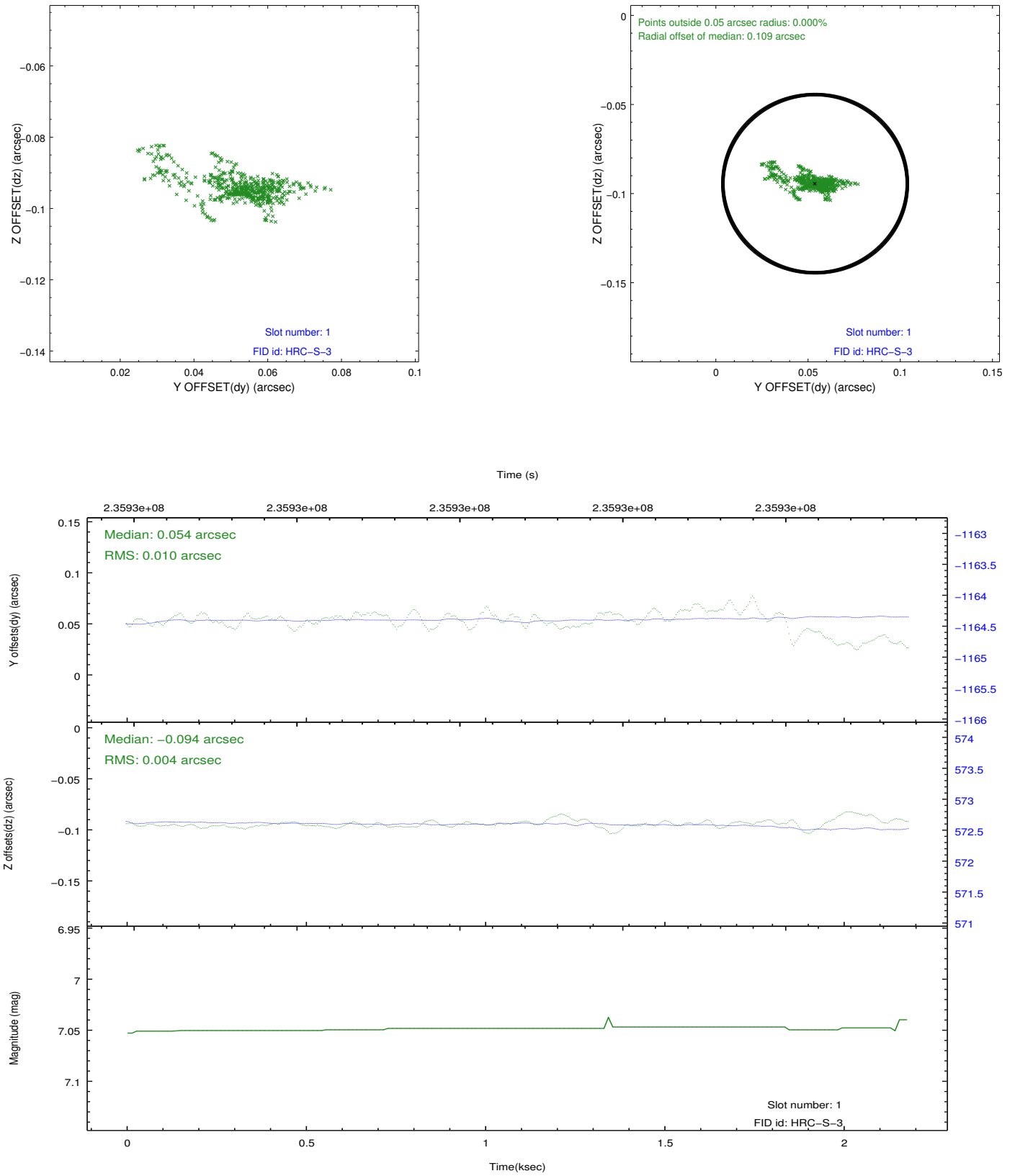


2.5 FID Slots

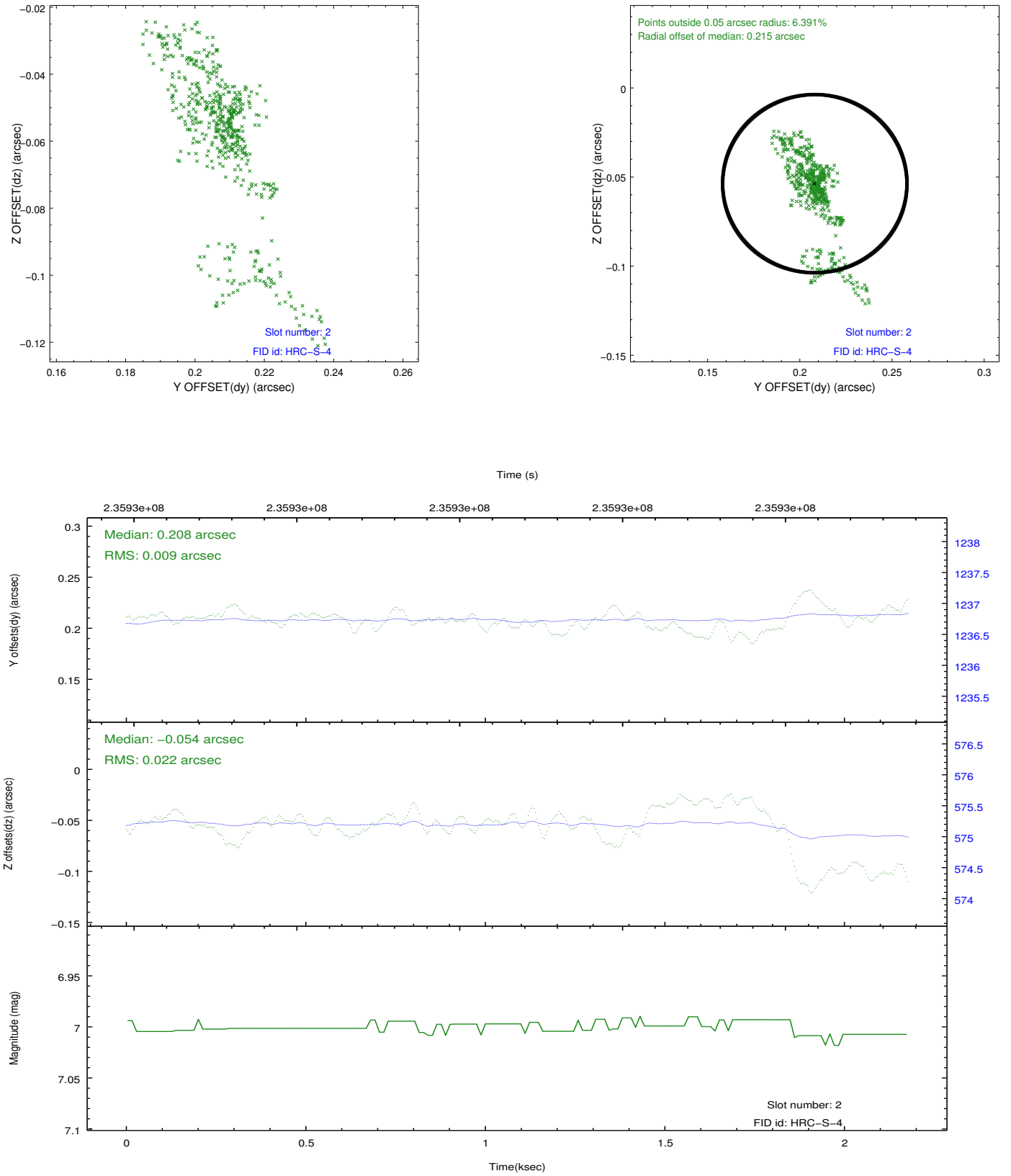
2.5.1 Slot 0



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)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.152756

A.2 Comments

Window constraint met.