

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5975 - L2 Version 4
Chandra X-Ray Center

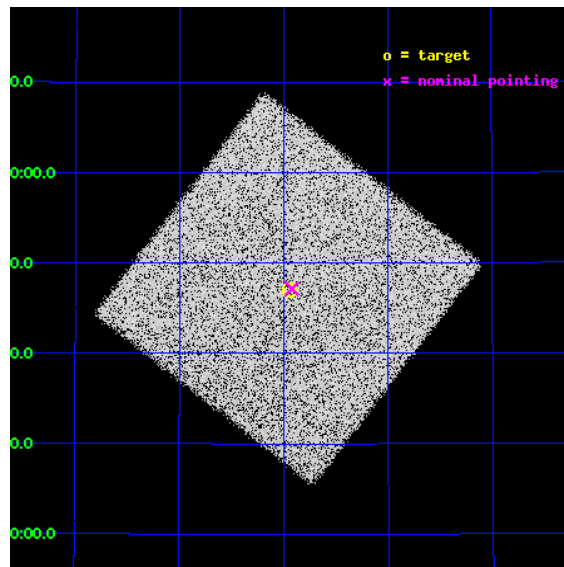
L2 Processing Date : Dec 25 2012

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1 Front

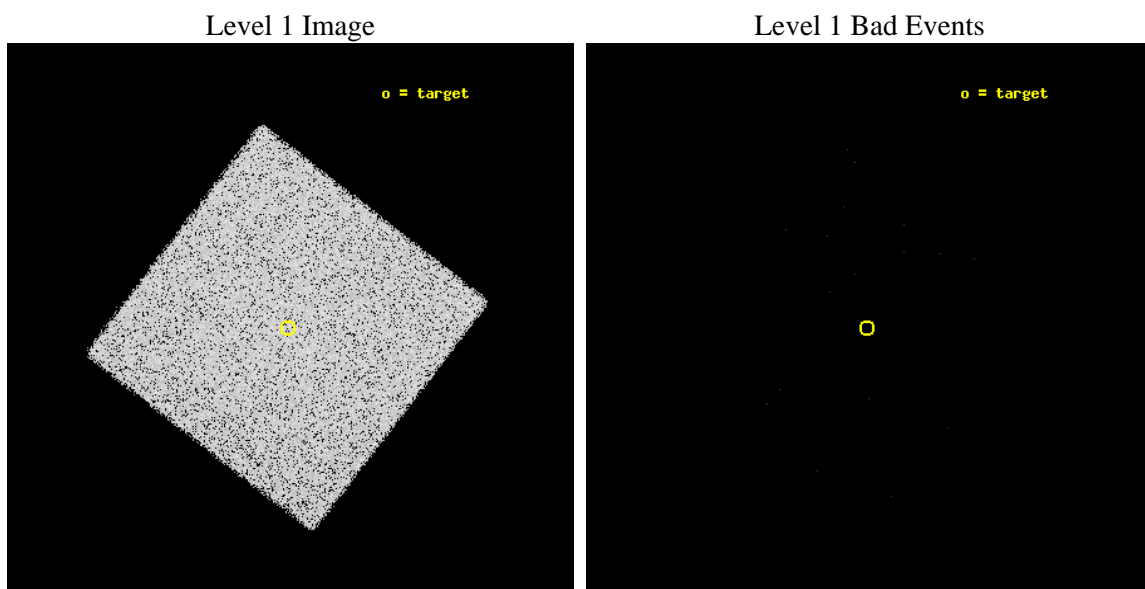
seq_num	290467	Sequence number
obs_id	5975	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23035577908	Nominal RA [deg]
dec_nom	38.786125115528	Nominal Dec [deg]
roll_nom	172.75456158434	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2178.381349504	[s]
livetime	2162.7015949615	Ontime multiplied by DTCOR
l2events	83112	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	2178.381349504	[s]
caldbver	4.5.5	 	l1events	164001	Number of level 1 events
date	2012-12-25T05:41:19	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

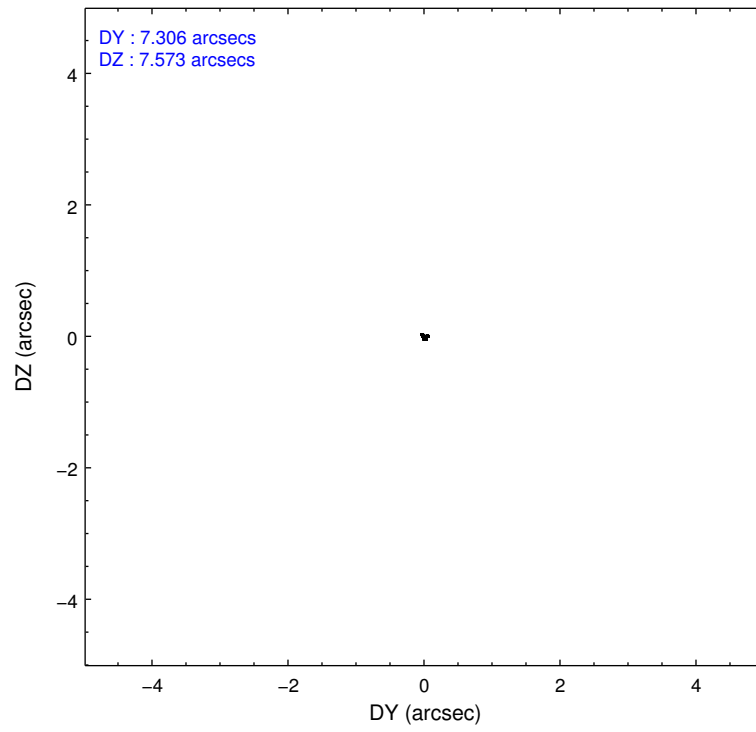
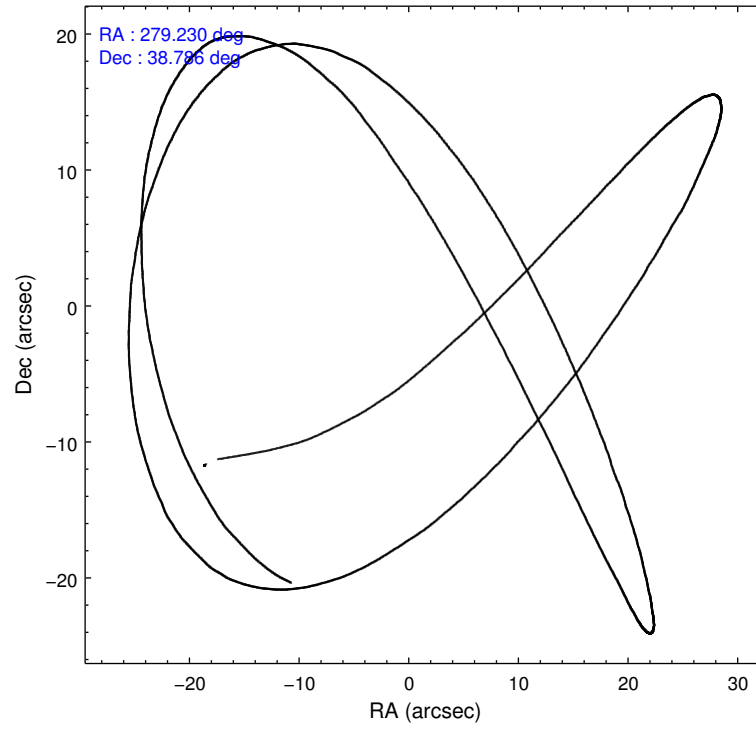
Level 1 Events

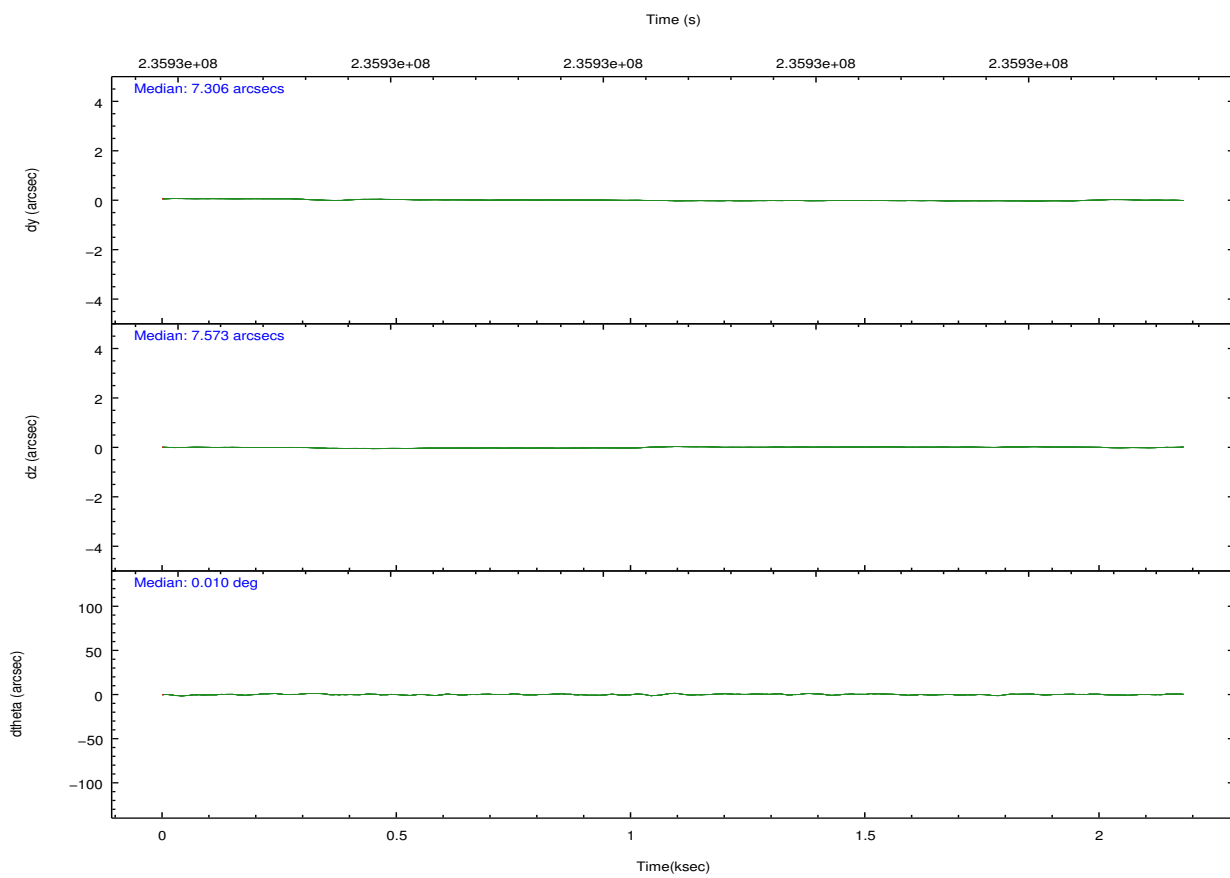
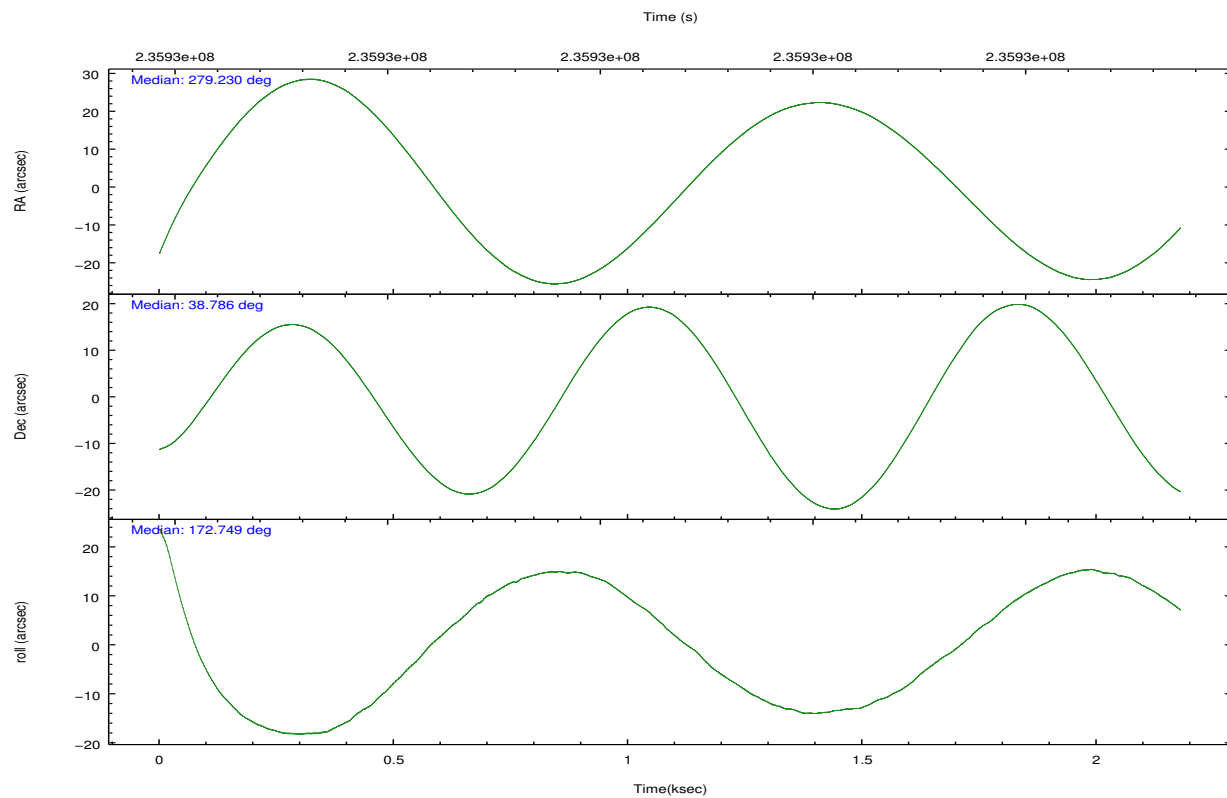
	segment 0
level 1 events	164001
rejected events	39785
rejected %	24%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.262112	279.230355779079			
[deg] Pointing Dec	38.796912	38.78612511552843			
[deg] Pointing Roll	172.830077	172.7545615843377			
[s] Window start time (MET)	231292864.184000	231292864.184000			
[s] Window stop time (MET)	236476864.184000	236476864.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	235926757.184000	235925903.84284			
Observation start date	2005-06-23T15:11:33	2005-06-23T14:58:23			
[s] Observation end time (MET)	235928757.184000	235928891.20547			
Observation end date	2005-06-23T15:44:53	2005-06-23T15:48:11			

2.3 Aspect



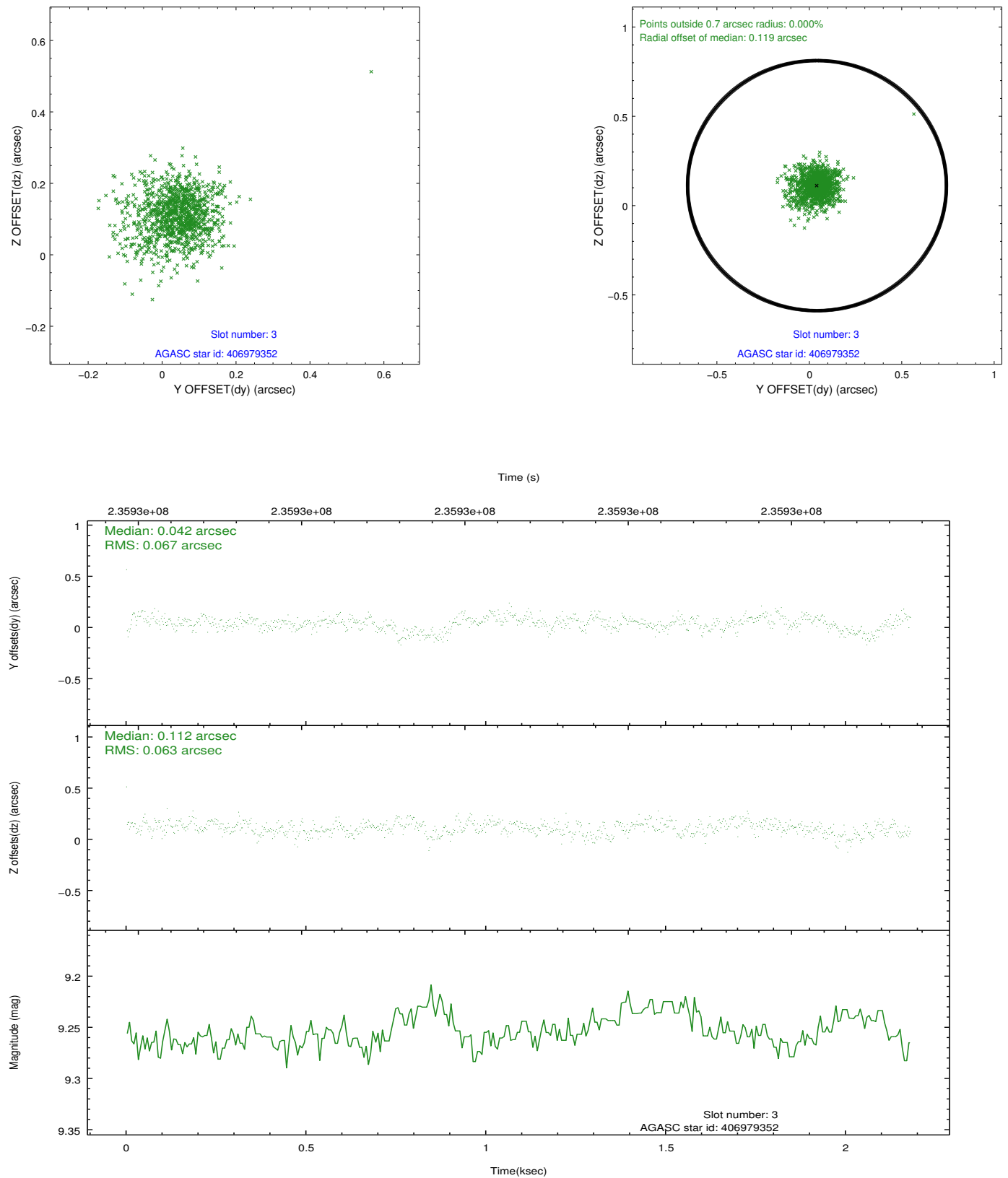


Slot Statistics

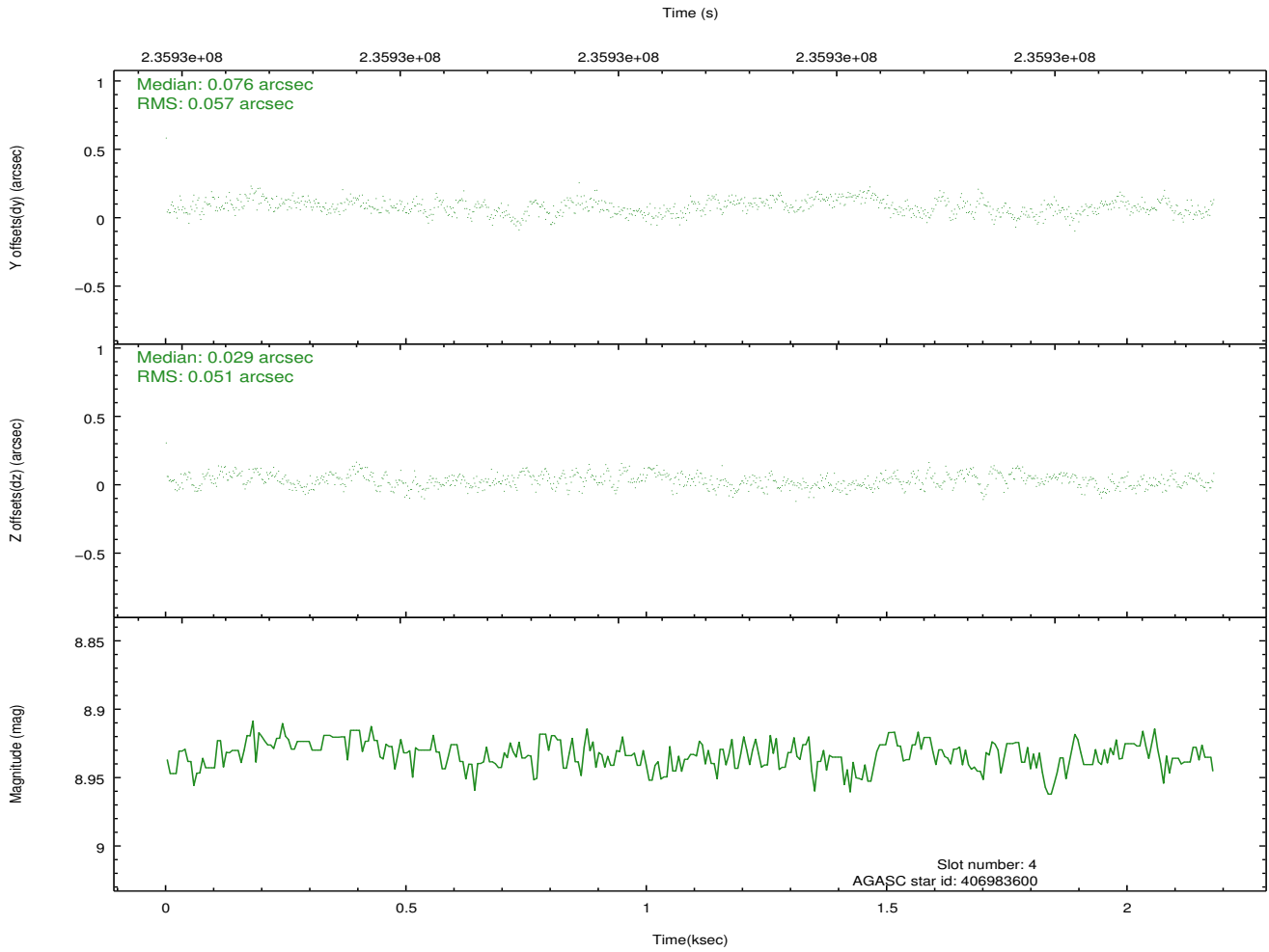
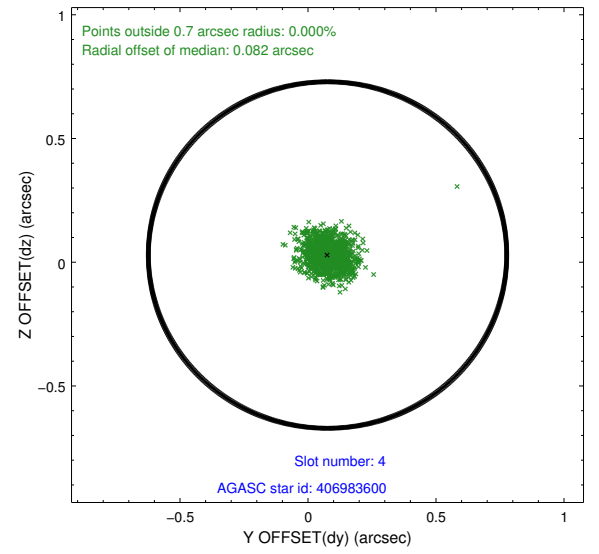
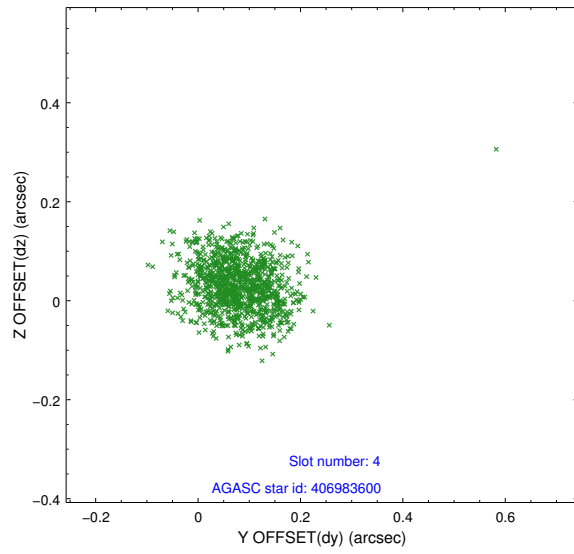
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	532	0.003	0.025	0.008	0.013	0.000000	0.000000	-762.93	-1295.39
1	FID	HRC-I-2	7.05	532	0.142	-0.116	0.006	0.010	0.000000	0.000000	848.41	-1299.57
2	FID	HRC-I-3	7.10	532	-0.026	0.002	0.007	0.011	0.000000	0.000000	-1189.80	1006.72
3	GUIDE	406979352	9.26	1063	0.042	0.112	0.095	0.162	279.968297	39.230258	-1758.08	-1799.23
4	GUIDE	406983600	8.93	1064	0.076	0.029	0.081	0.126	279.940957	39.020708	-1784.22	-1043.58
5	GUIDE	406987272	6.92	1064	-0.204	-0.204	0.065	0.102	278.536588	38.437504	1867.75	1531.09
6	GUIDE	407510432	8.15	1064	0.089	-0.005	0.097	0.154	278.762778	39.530640	1708.18	-2448.70
7	GUIDE	407521232	8.64	1062	-0.006	0.064	0.097	0.152	279.628883	39.431715	-724.40	-2397.84

2.4 Star Slots

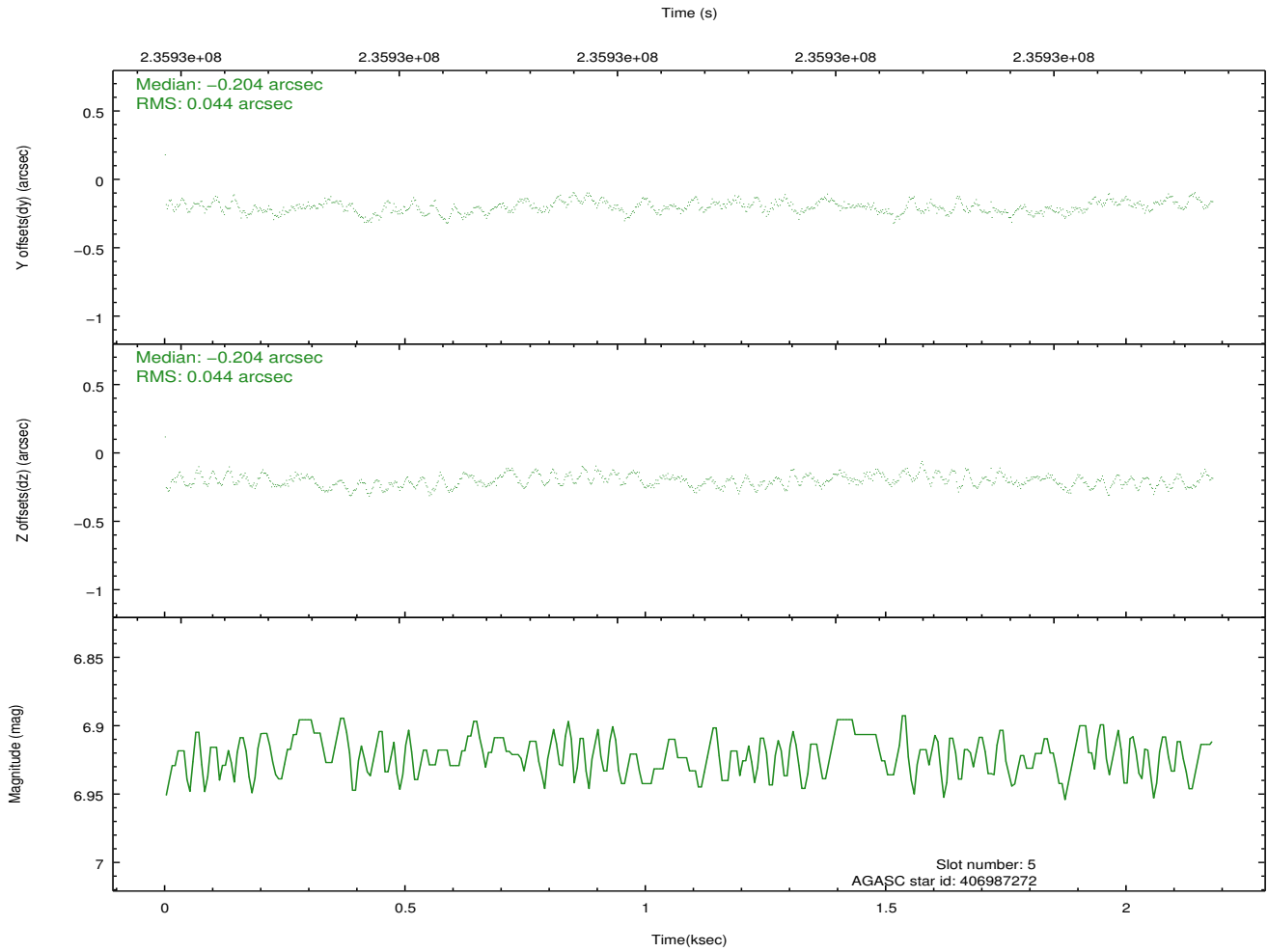
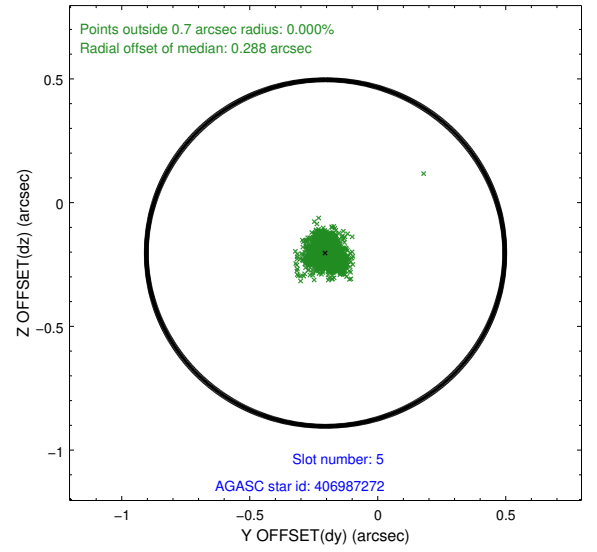
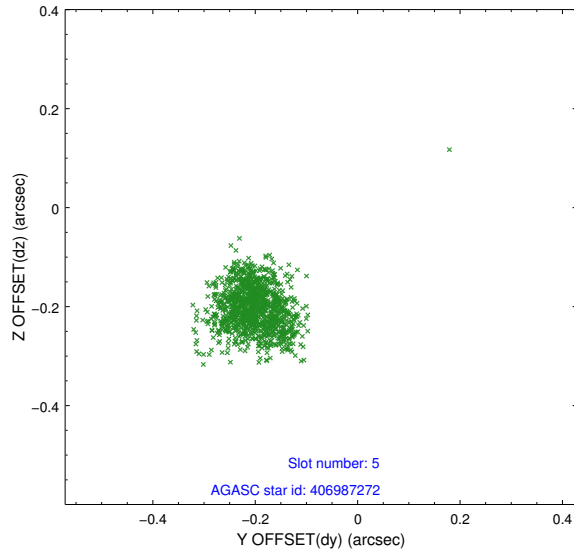
2.4.1 Slot 3



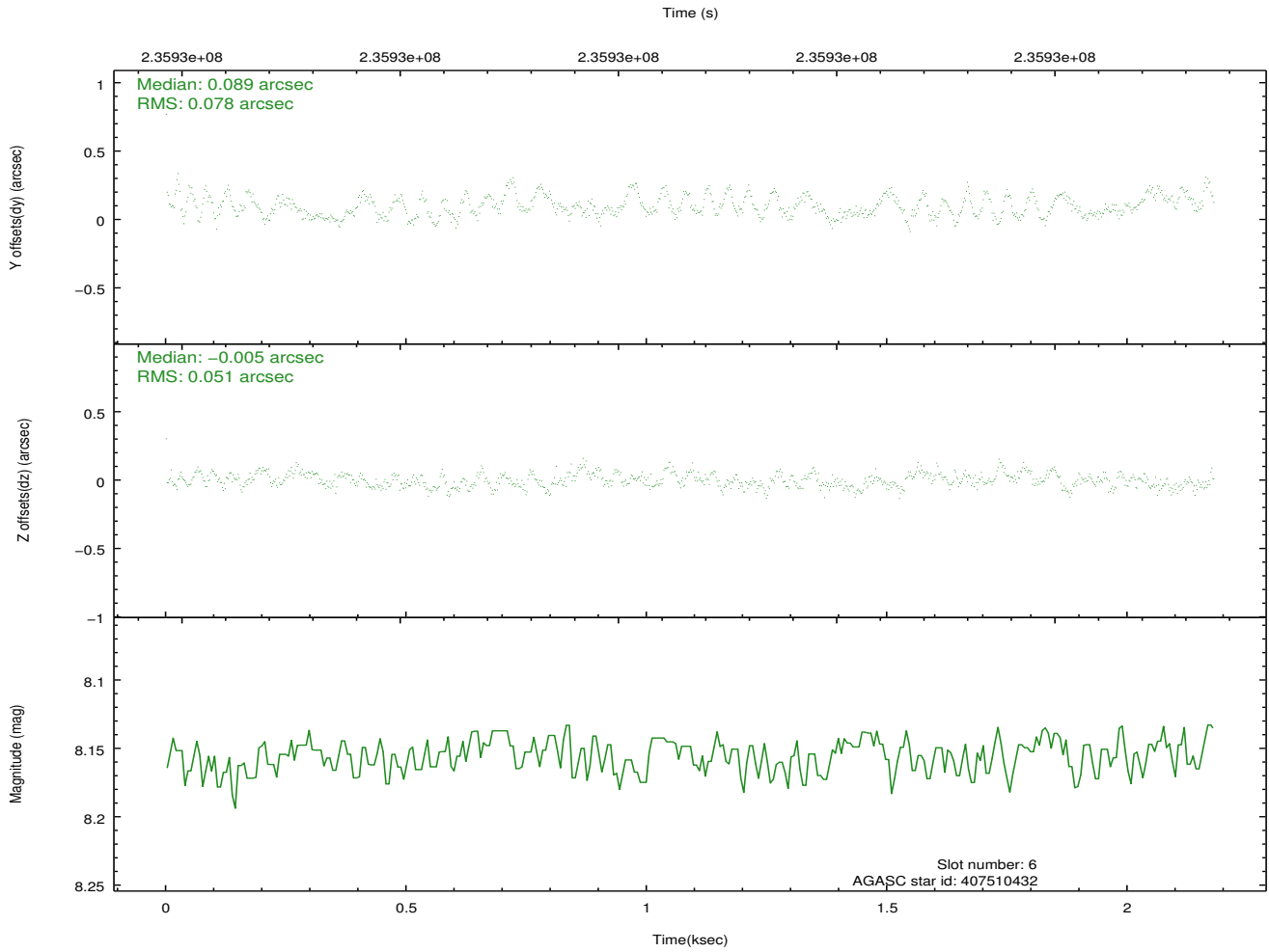
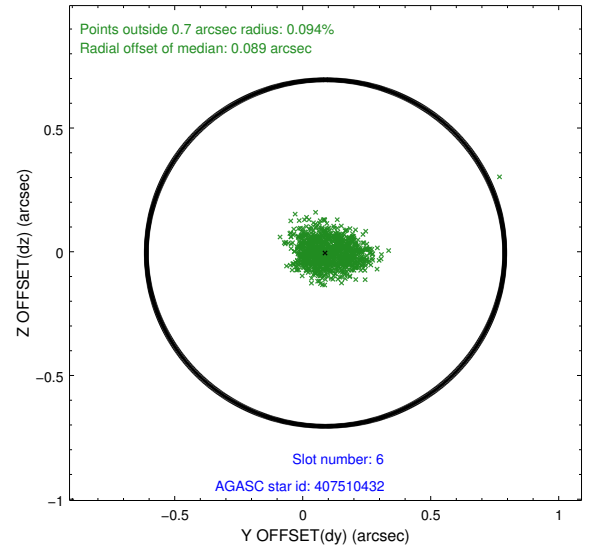
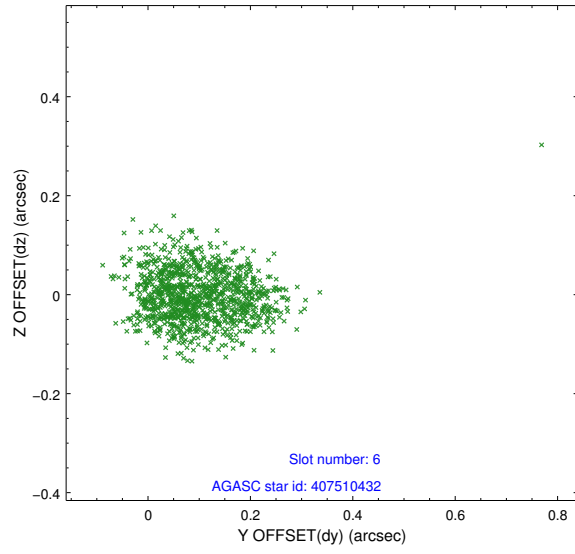
2.4.2 Slot 4



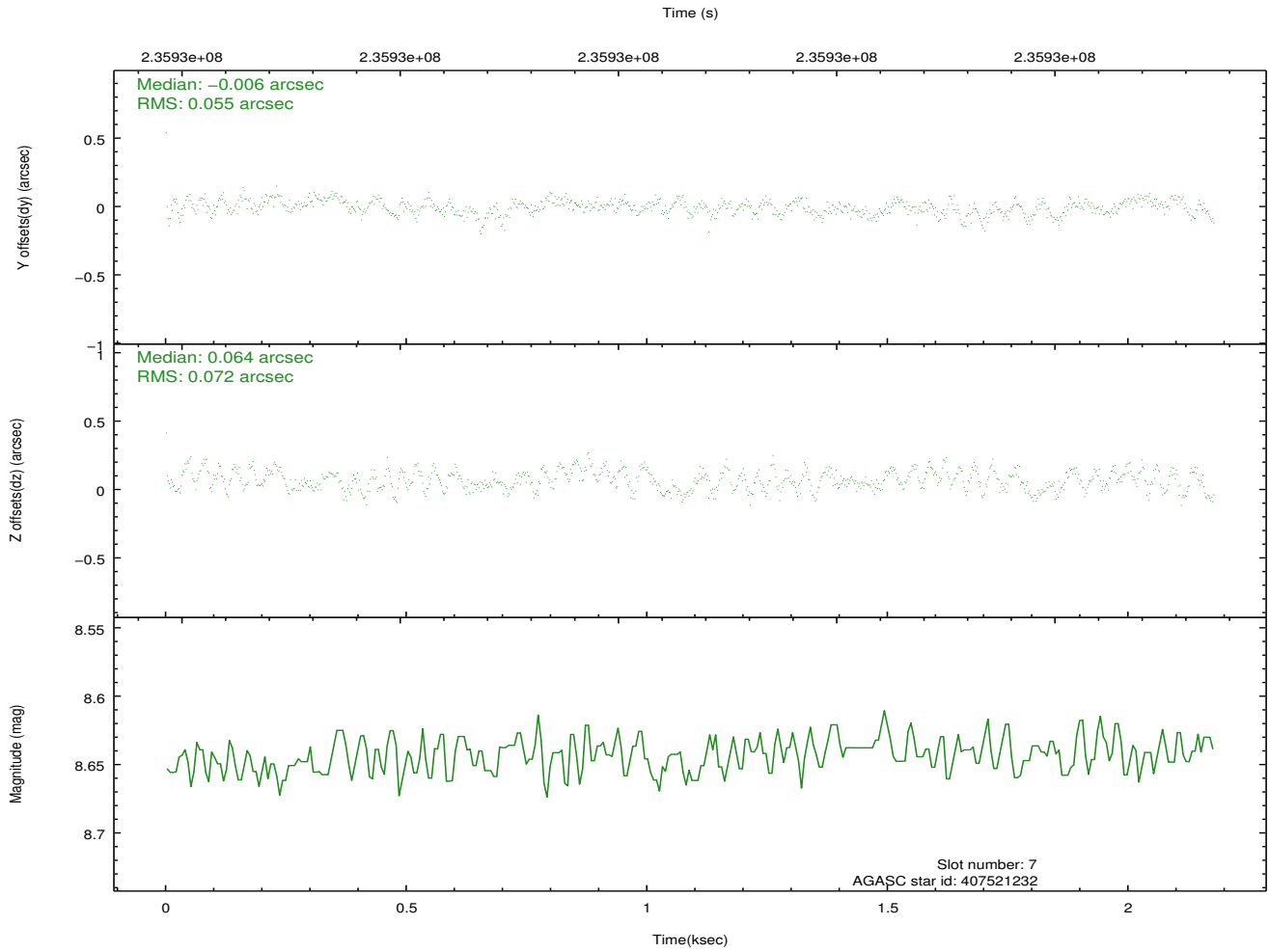
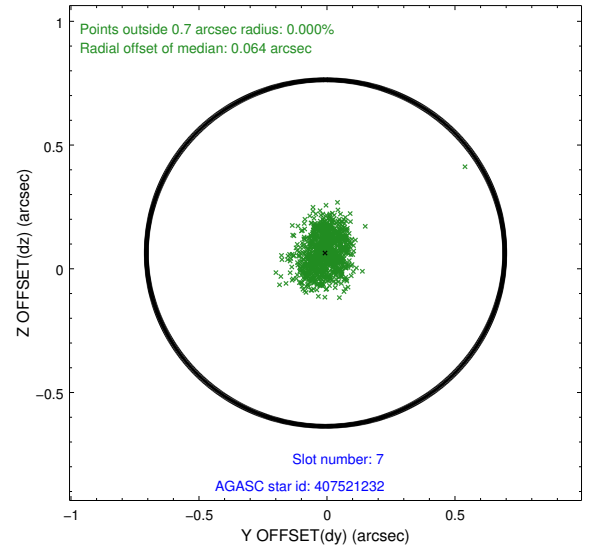
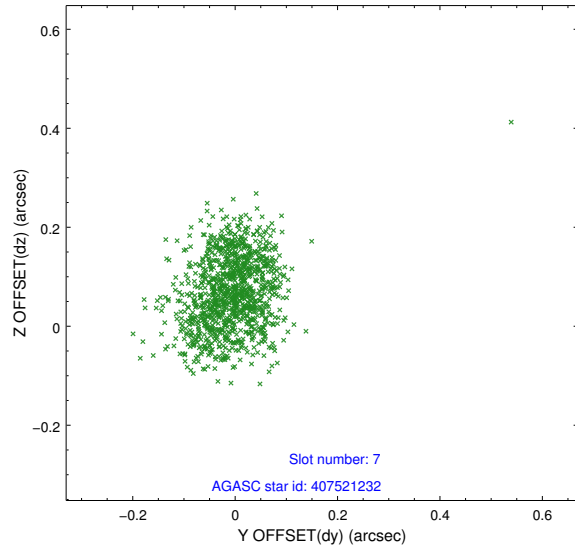
2.4.3 Slot 5



2.4.4 Slot 6

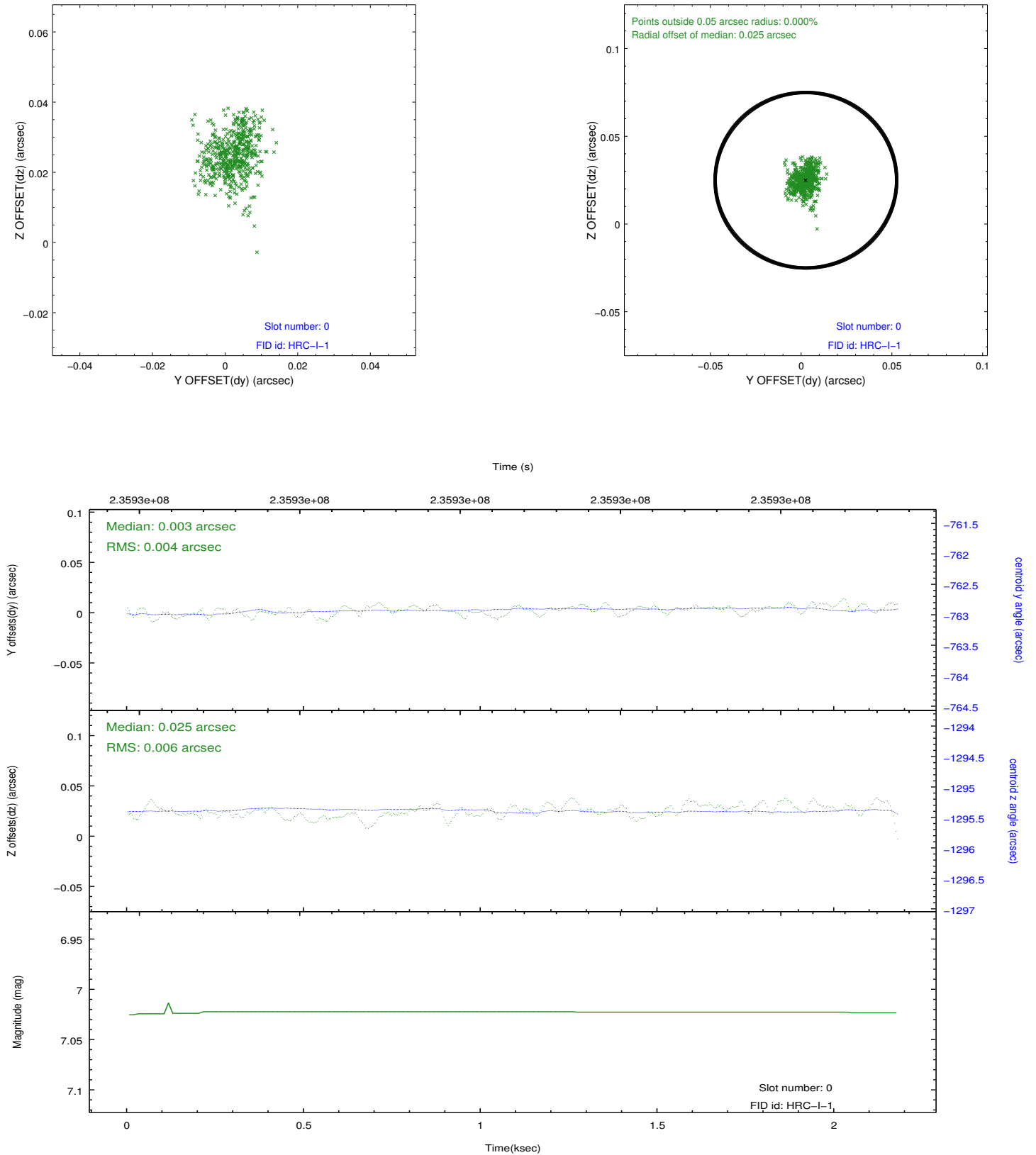


2.4.5 Slot 7

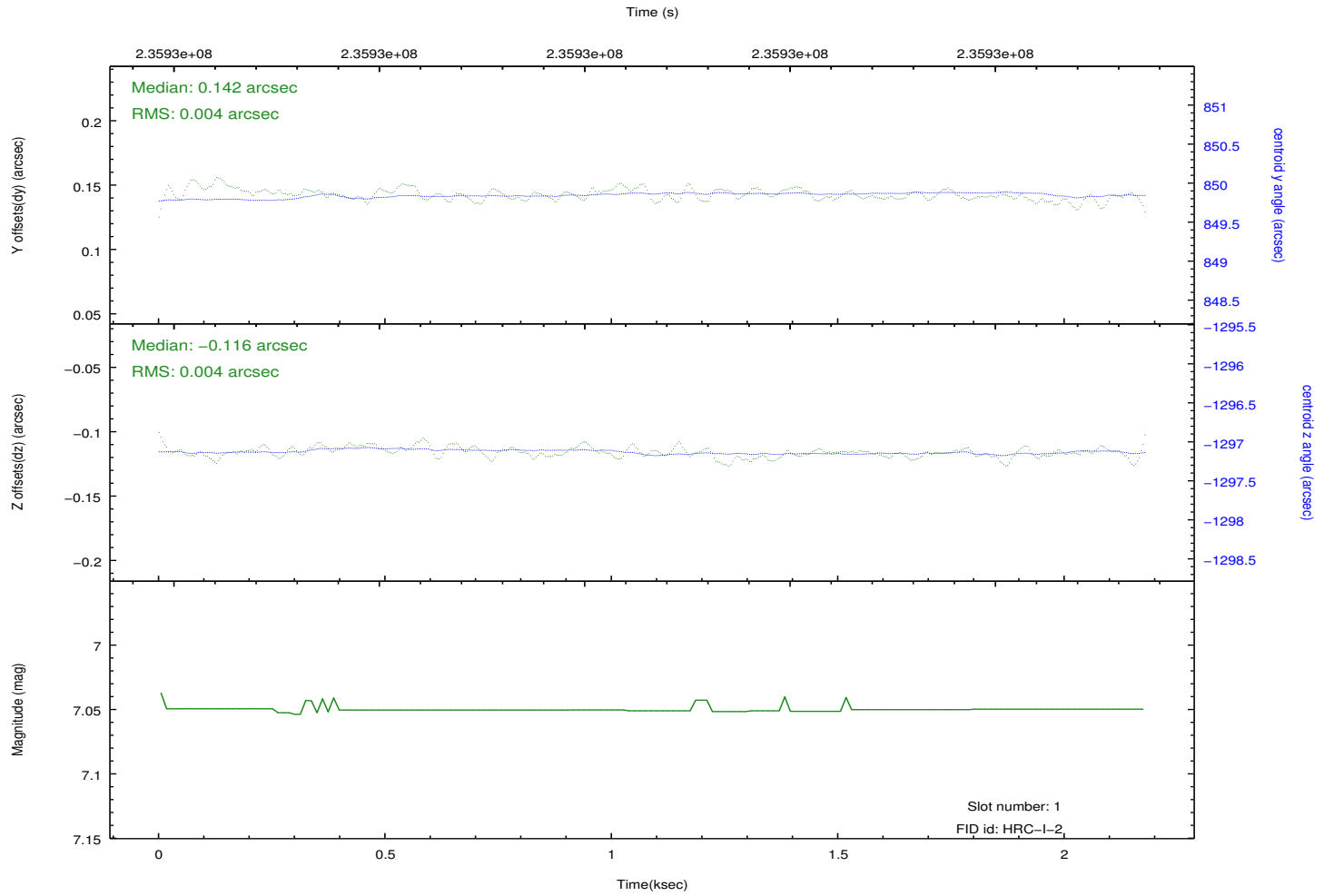
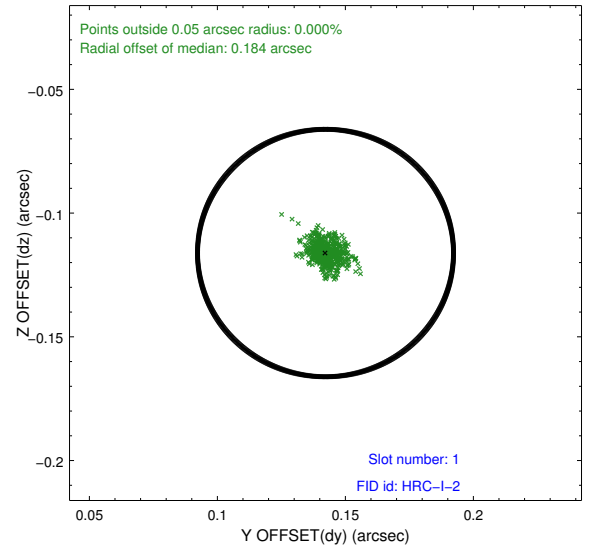
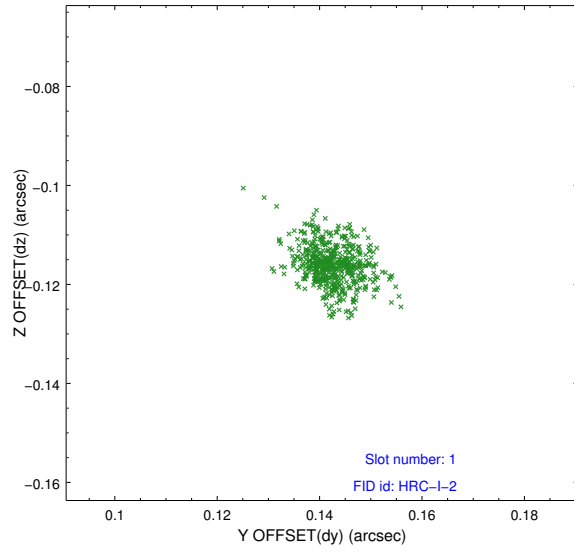


2.5 FID Slots

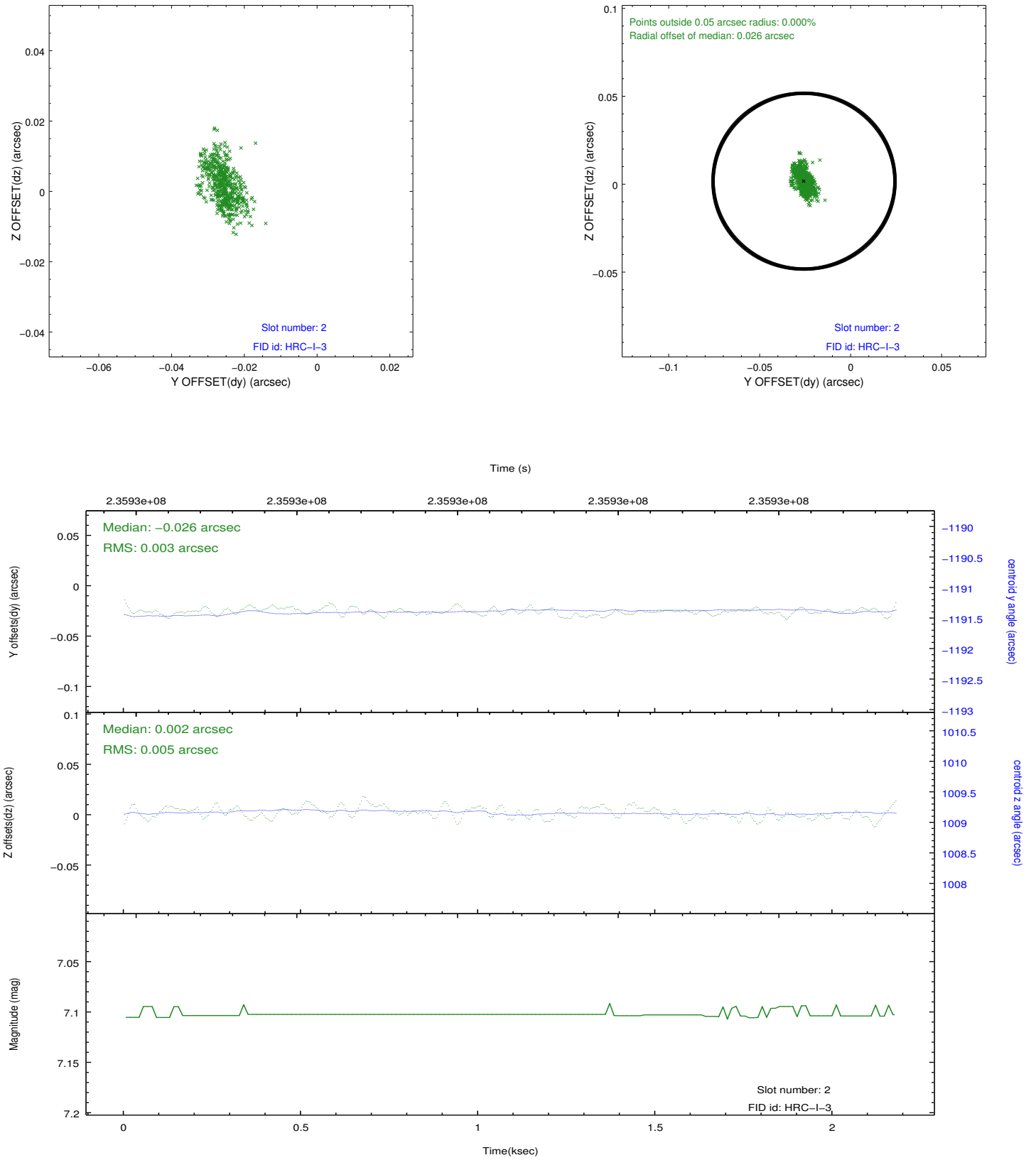
2.5.1 Slot 0



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	2.178381

A.2 Comments

Window constraint met.