

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6449 - L2 Version 4
Chandra X-Ray Center

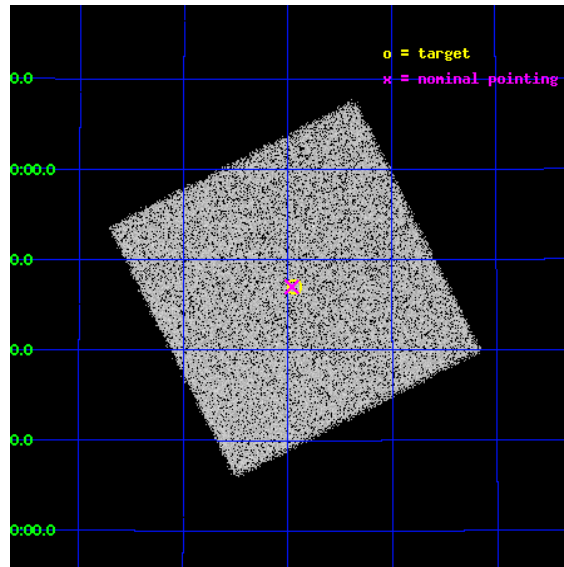
L2 Processing Date : Aug 10 2012

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1 Front

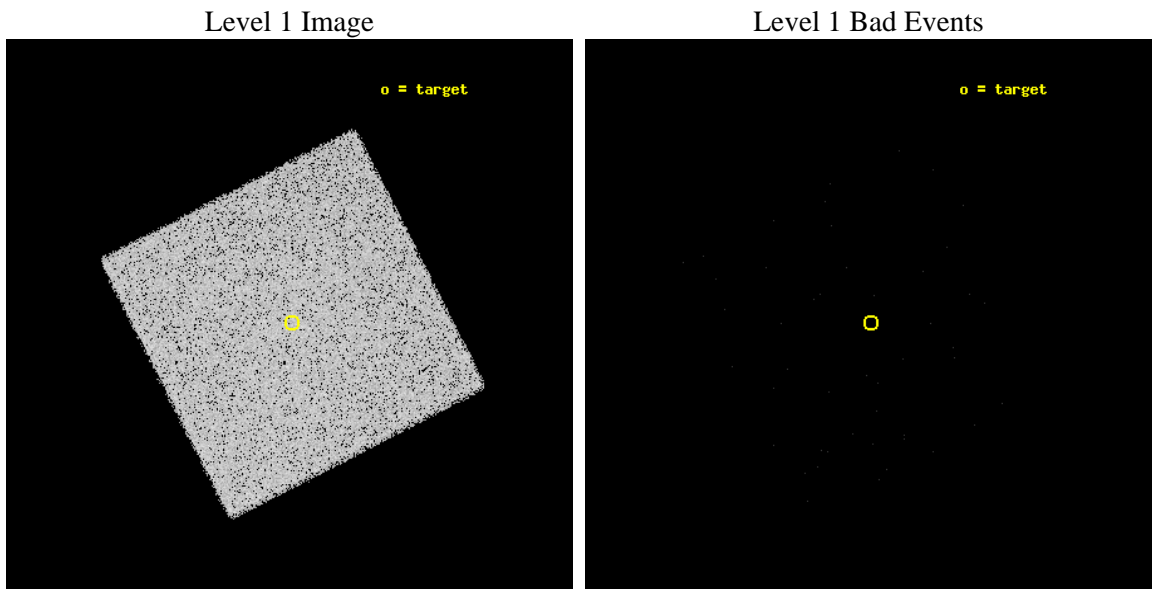
seq_num	290542	Sequence number
obs_id	6449	Observation id
title	AO7 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.24015376724	Nominal RA [deg]
dec_nom	38.783754183019	Nominal Dec [deg]
roll_nom	18.001630868504	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2148.4000995755	[s]
livetime	2131.8279926646	Ontime multiplied by DTCOR
l2events	89439	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2148.4000995755	[s]
caldbver	4.5.1.1	 	l1events	138048	Number of level 1 events
date	2012-08-10T23:28:13	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

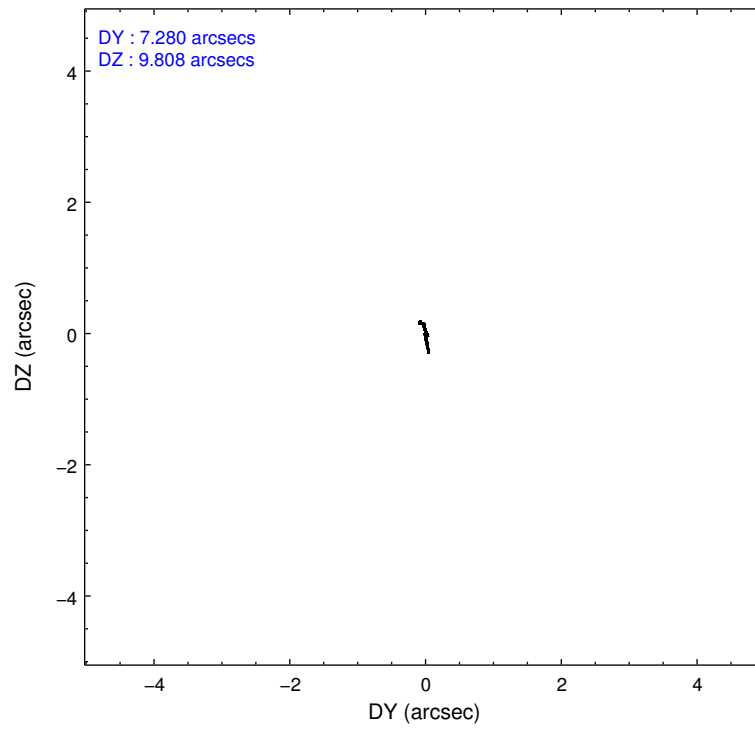
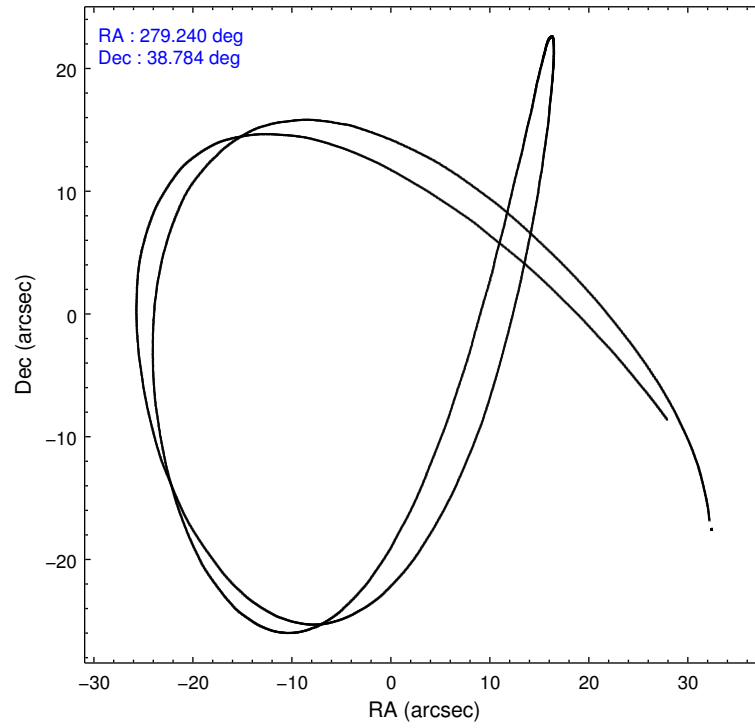
Level 1 Events

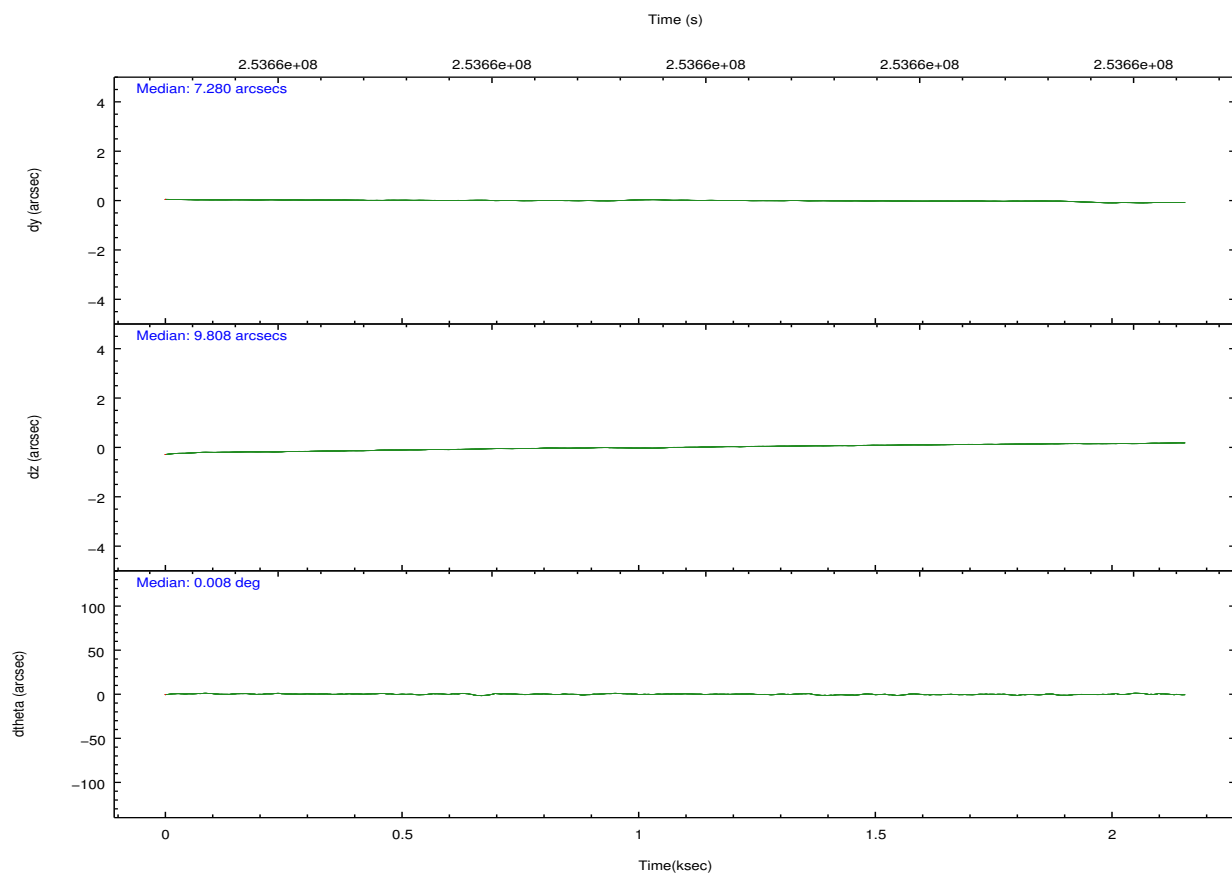
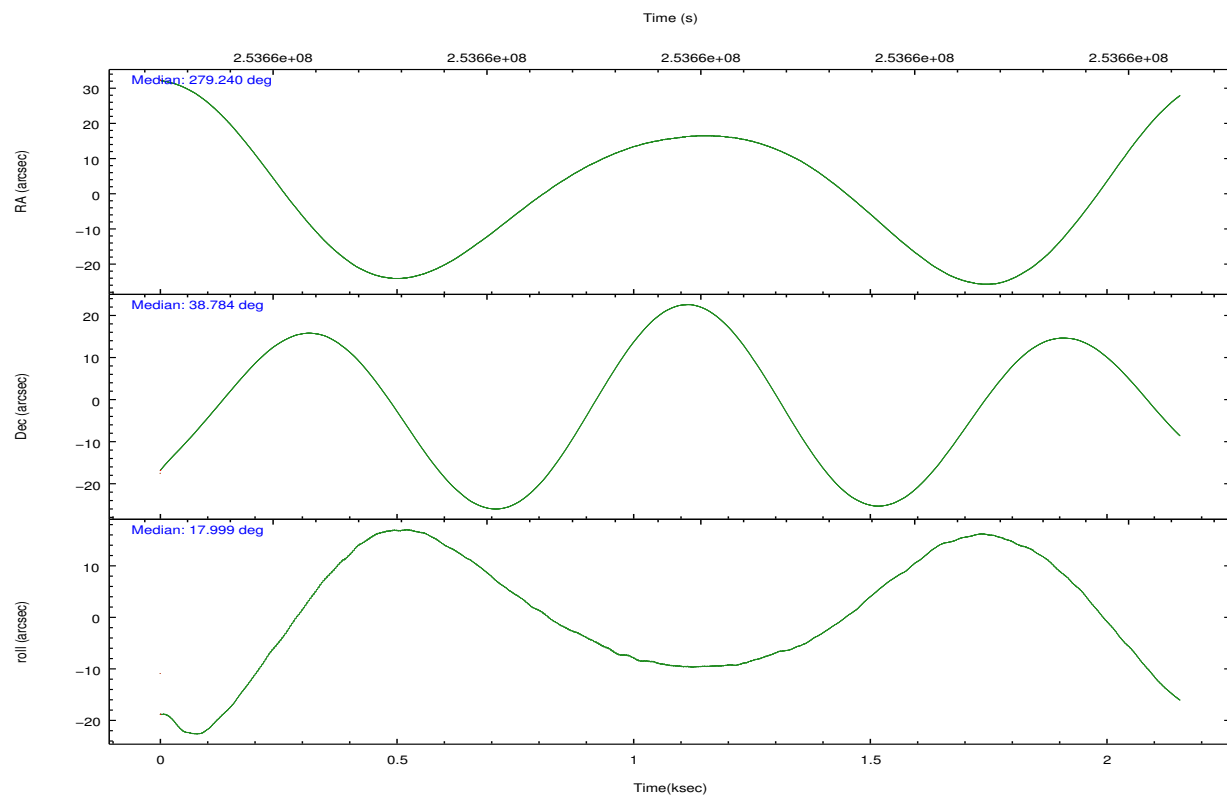
	segment 0
level 1 events	138048
rejected events	4277
rejected %	3%

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	279.217675	279.2401537672419			
[deg] Pointing Dec	38.762878	38.78375418301943			
[deg] Pointing Roll	18.111214	18.00163086850377			
[s] Window start time (MET)	247190464.184000	247190464.184000			
[s] Window stop time (MET)	255052865.184000	255052865.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	253657004.184000	253656602.70886			
Observation start date	2006-01-14T20:15:39	2006-01-14T20:10:02			
[s] Observation end time (MET)	253659004.184000	253659137.53398			
Observation end date	2006-01-14T20:48:59	2006-01-14T20:52:17			

2.3 Aspect



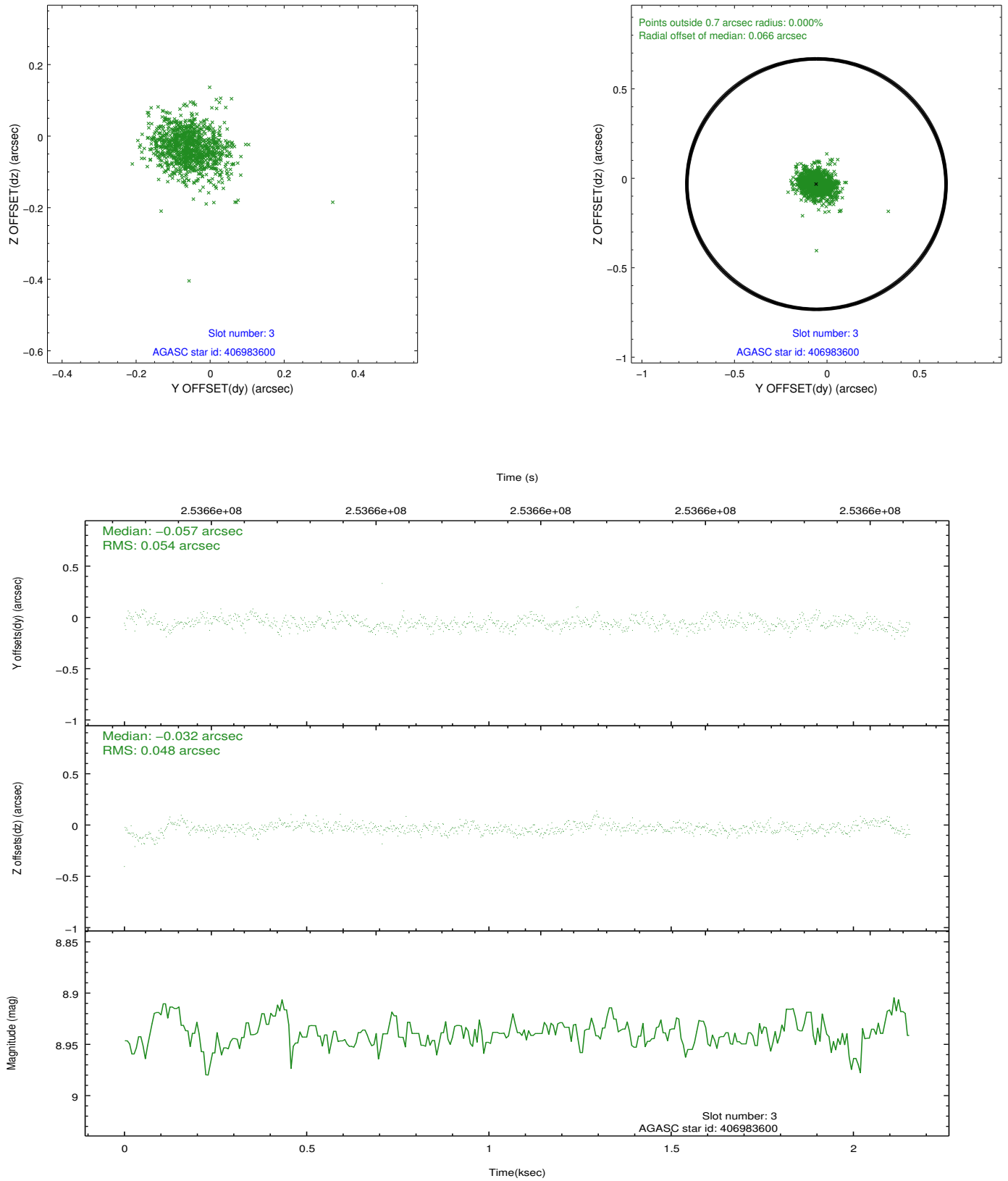


Slot Statistics

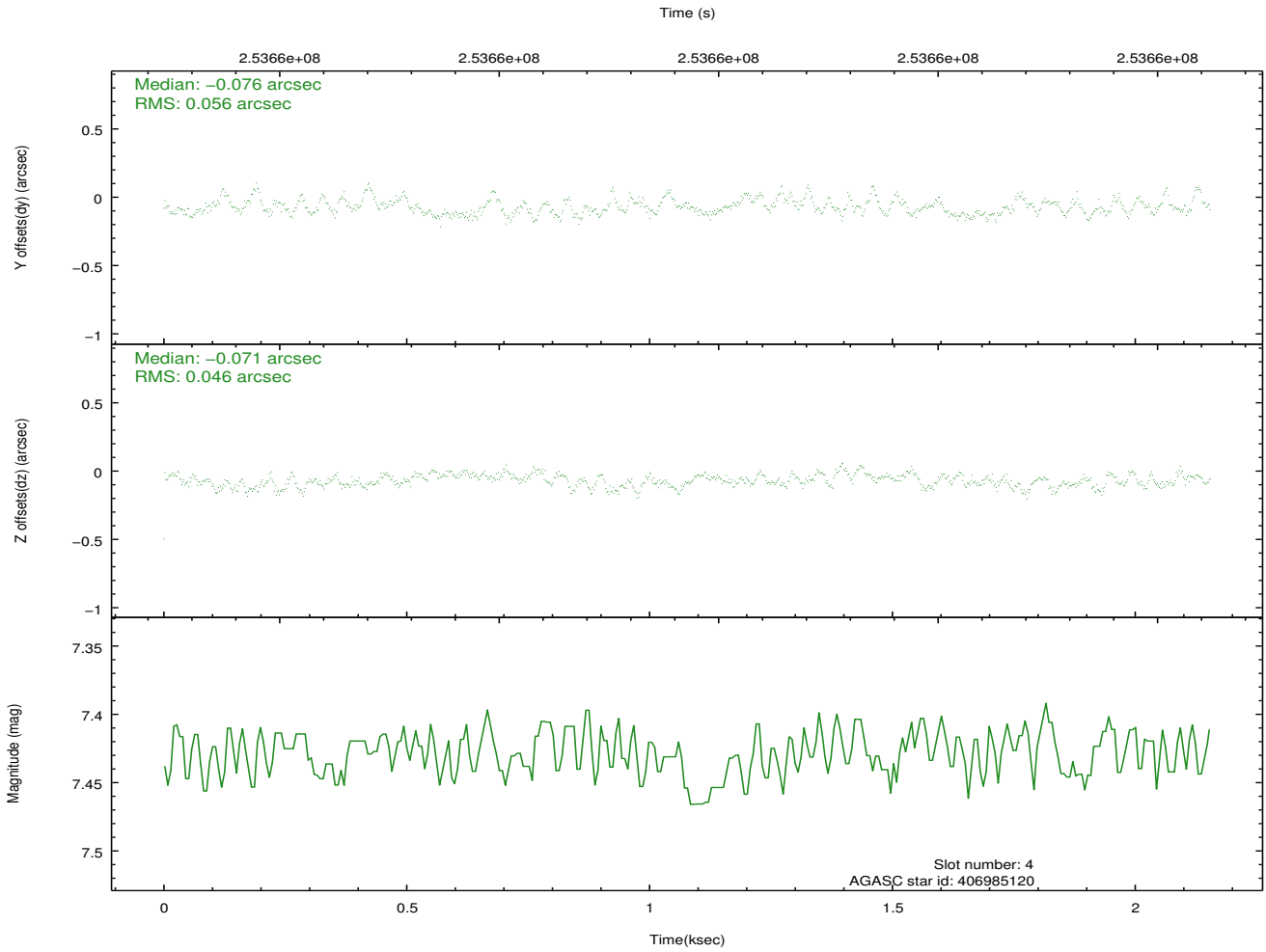
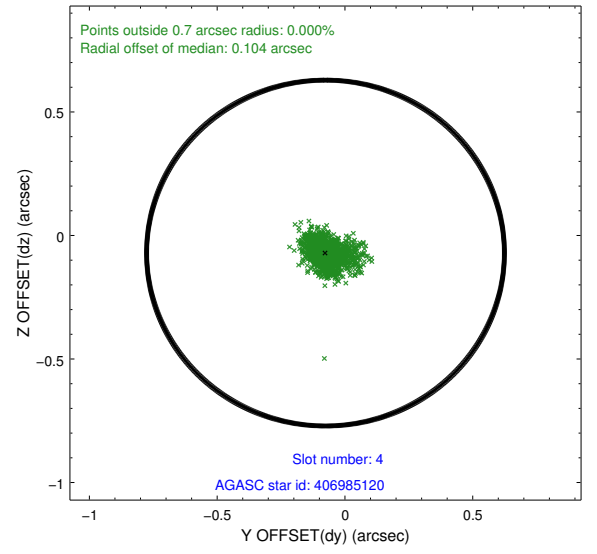
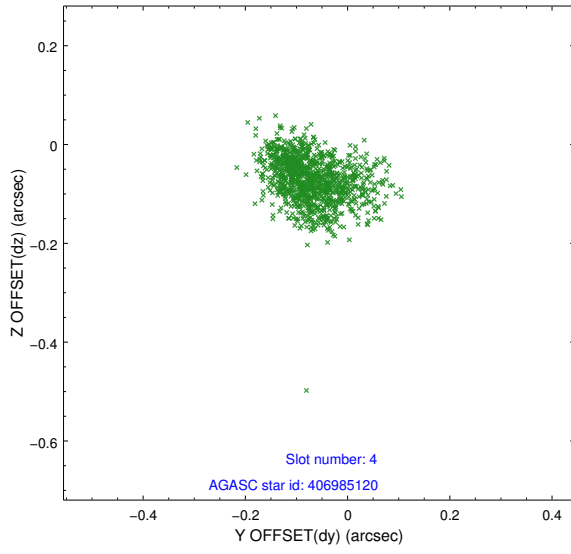
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	526	-0.021	0.032	0.008	0.013	0.000000	0.000000	-762.87	-1297.66
1	FID	HRC-I-2	7.03	526	0.119	-0.066	0.008	0.014	0.000000	0.000000	848.45	-1301.77
2	FID	HRC-I-3	7.07	526	0.021	-0.056	0.007	0.011	0.000000	0.000000	-1189.73	1004.34
3	GUIDE	406983600	8.94	1052	-0.057	-0.032	0.074	0.125	279.940957	39.020708	2214.33	259.16
4	GUIDE	406985120	7.43	1052	-0.076	-0.071	0.075	0.126	278.839732	38.894839	-855.84	781.72
5	GUIDE	406987272	6.93	1052	0.062	0.083	0.062	0.096	278.536588	38.437504	-2187.81	-509.66
6	GUIDE	407521232	8.65	1051	-0.001	-0.011	0.074	0.117	279.628883	39.431715	1834.22	1933.94
7	GUIDE	406993992	7.62	1050	0.063	0.032	0.067	0.115	279.053714	38.034587	-1254.40	-2346.65

2.4 Star Slots

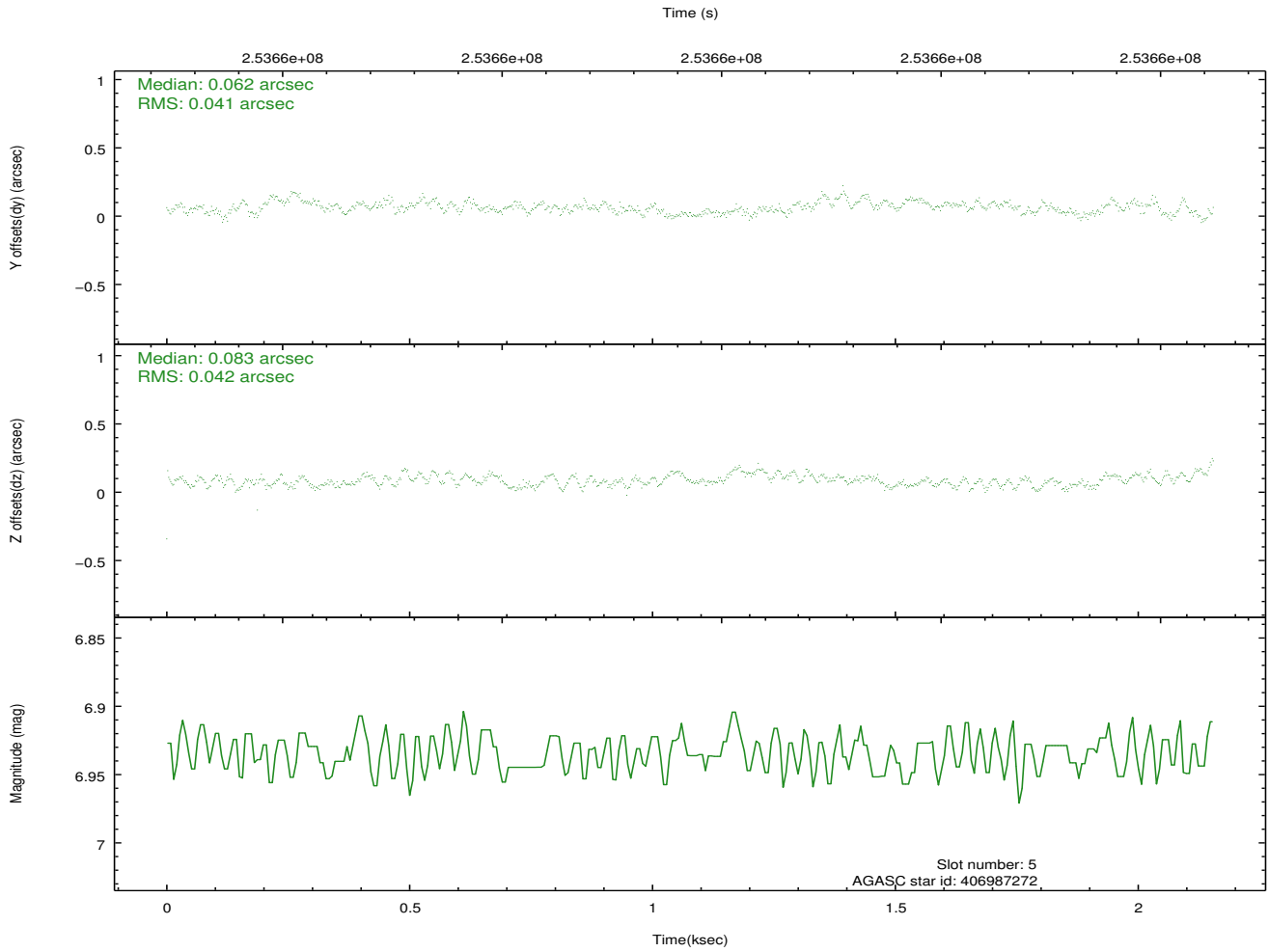
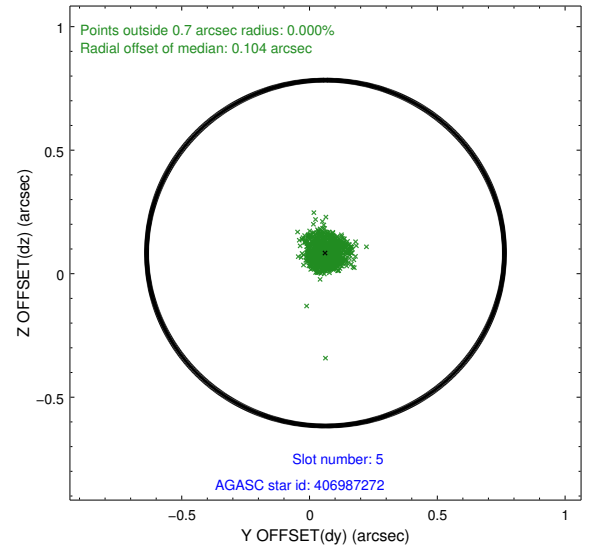
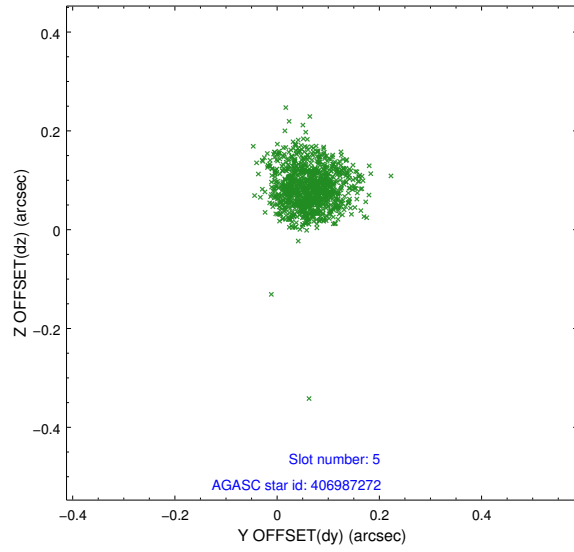
2.4.1 Slot 3



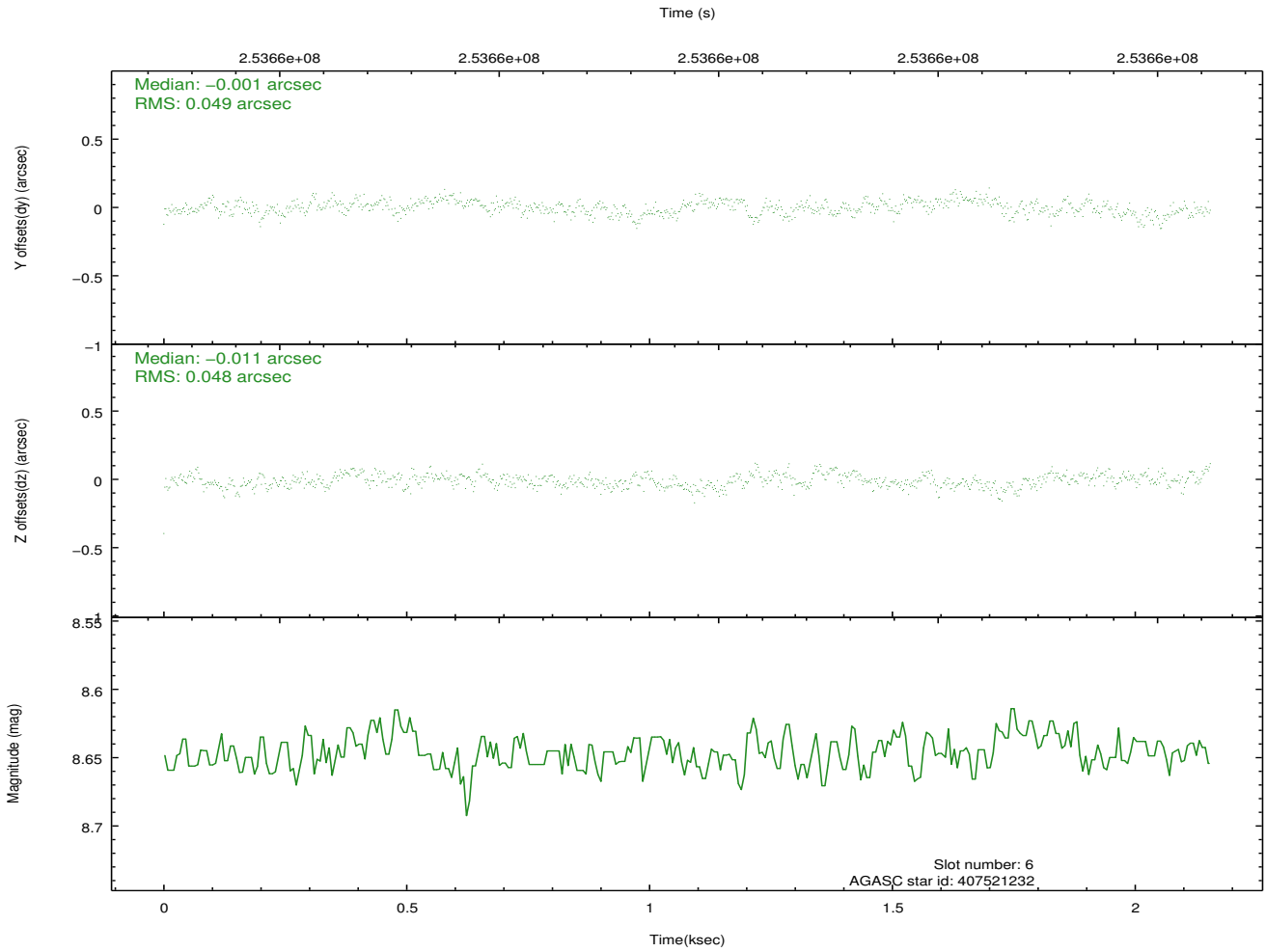
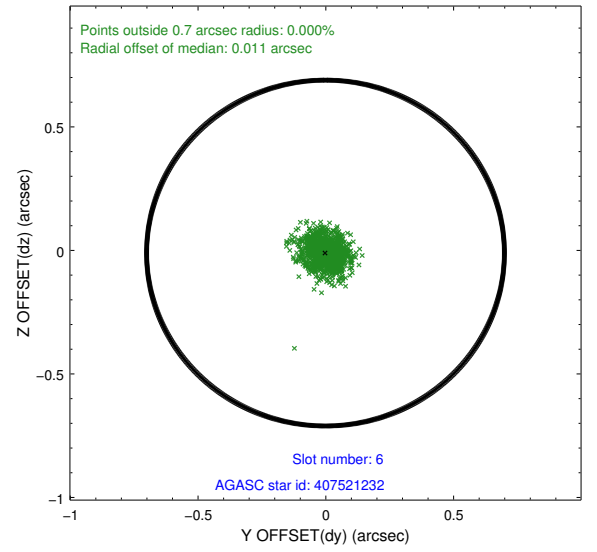
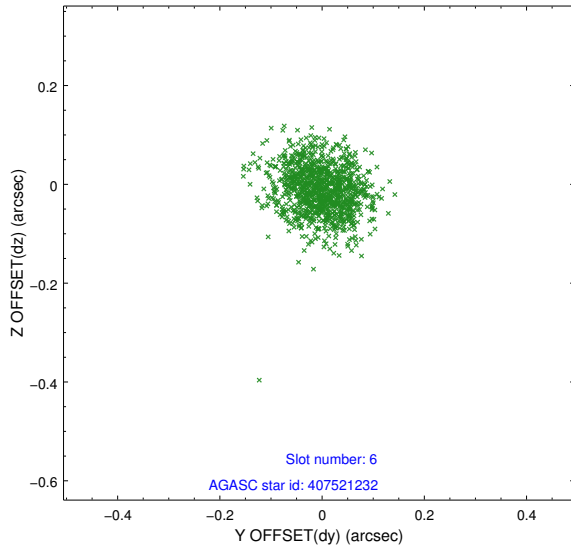
2.4.2 Slot 4



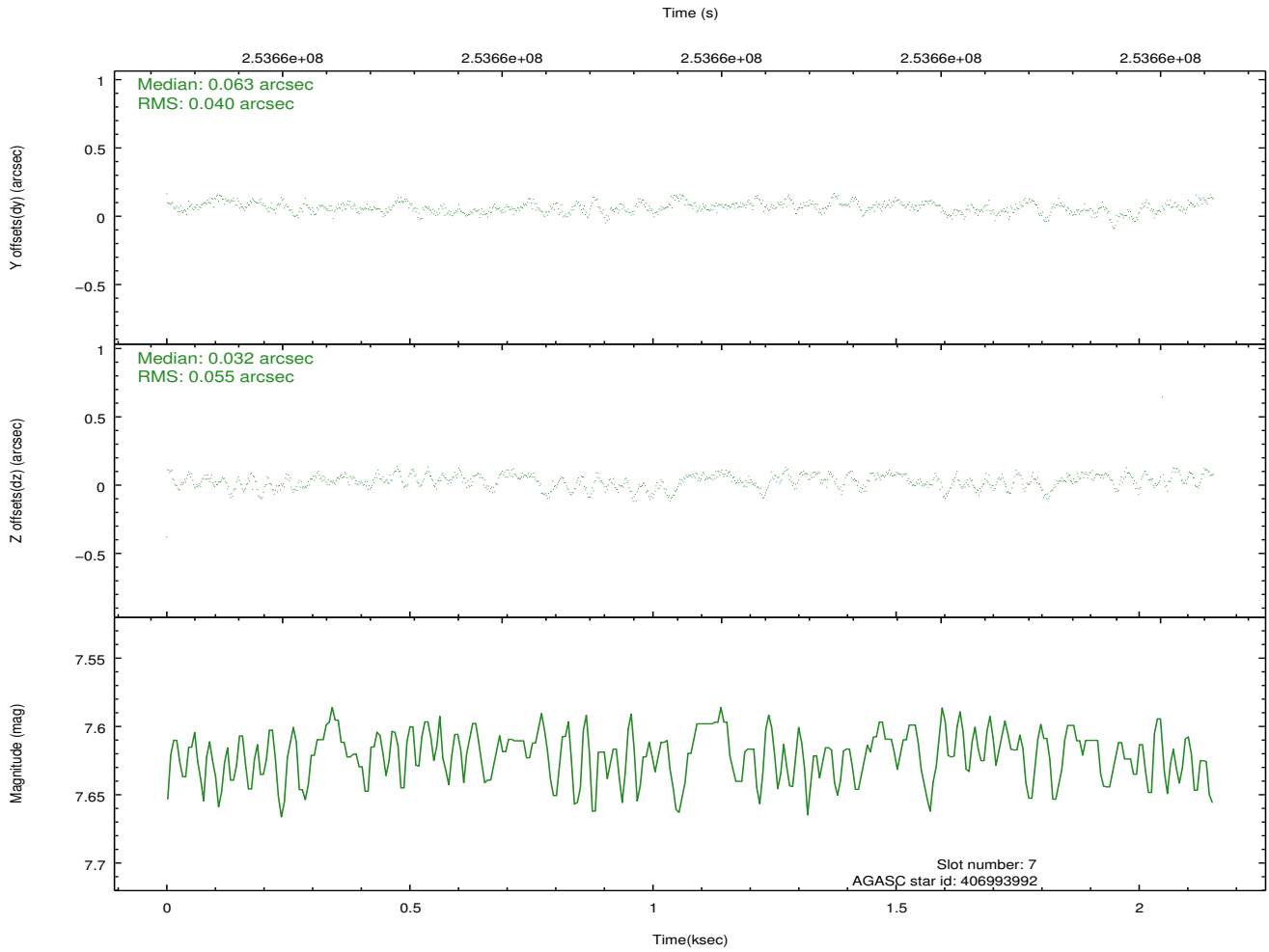
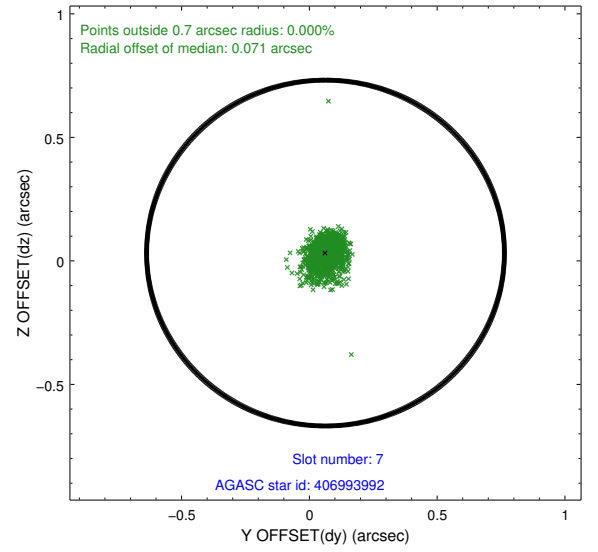
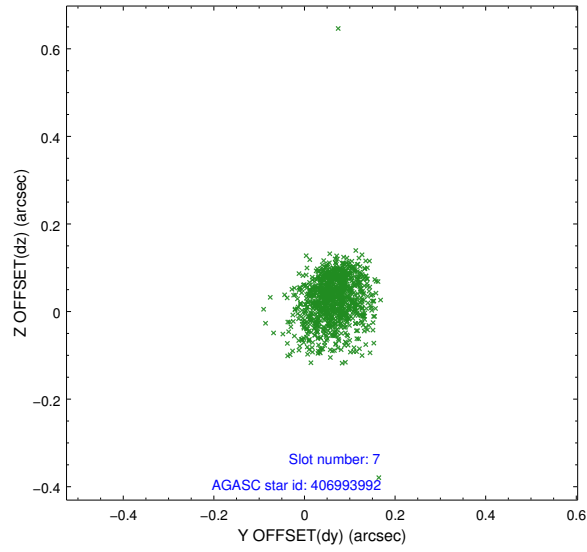
2.4.3 Slot 5



2.4.4 Slot 6

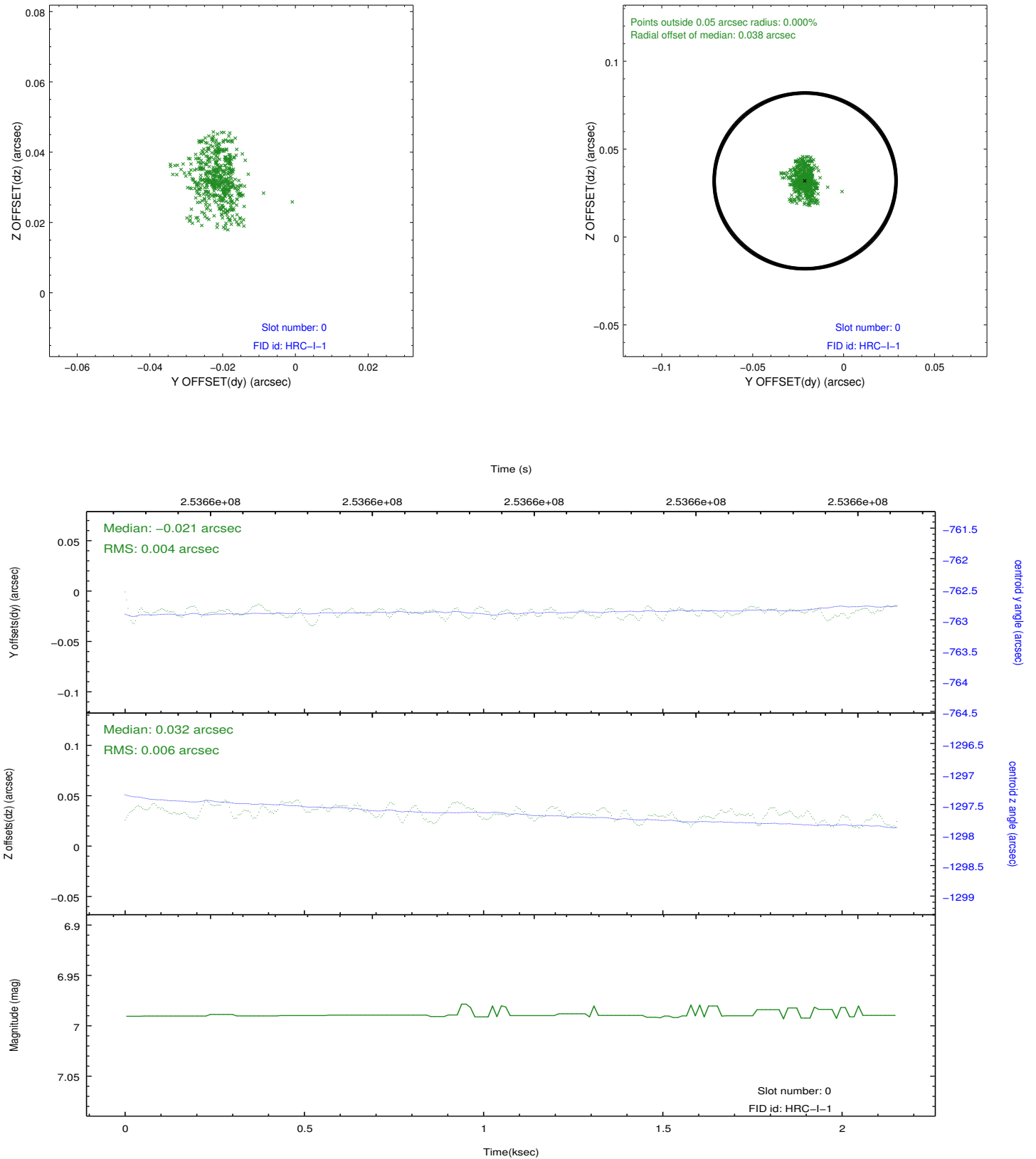


2.4.5 Slot 7

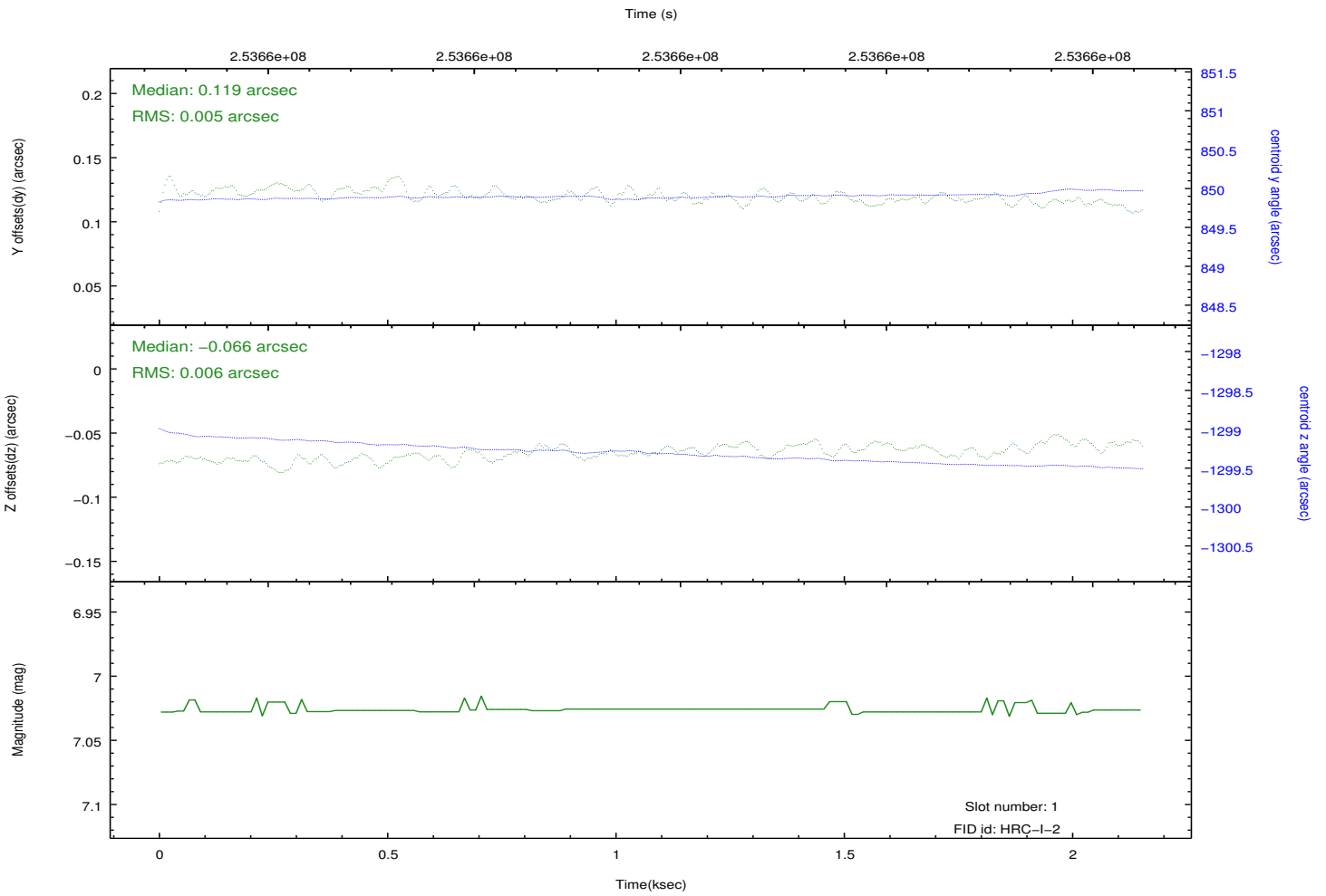
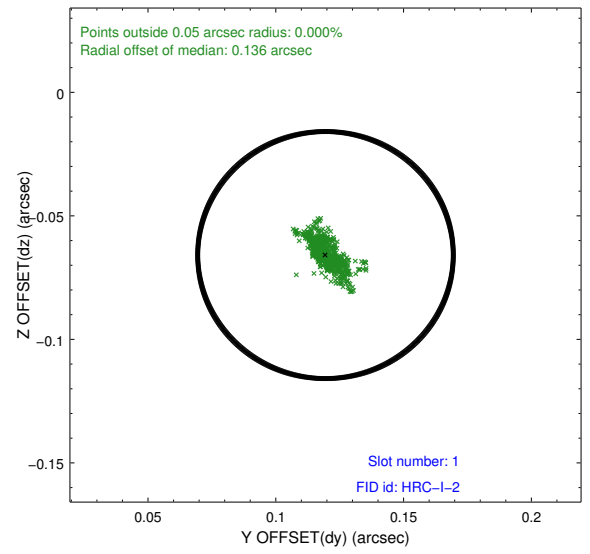
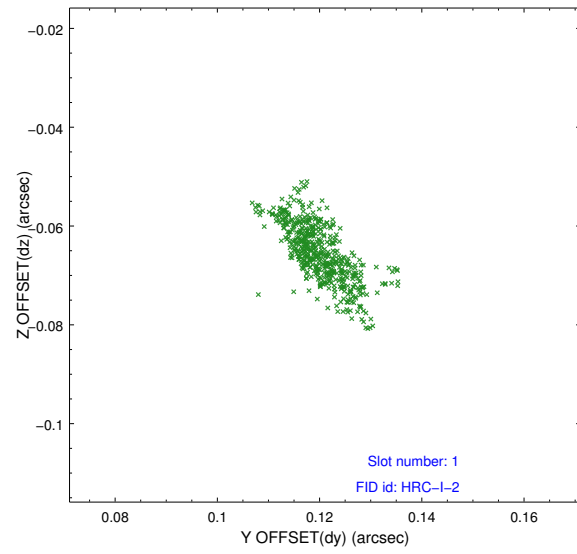


2.5 FID Slots

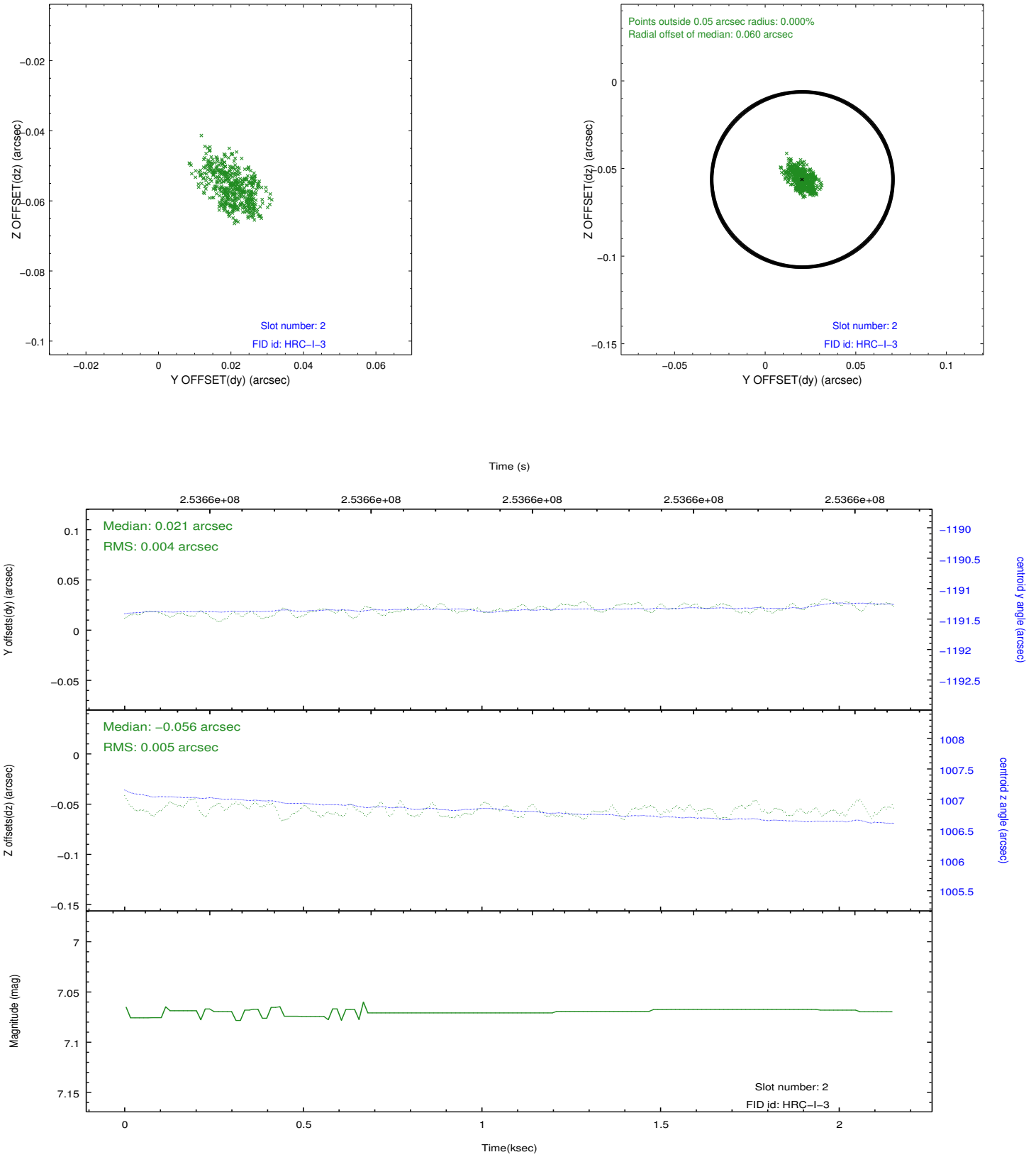
2.5.1 Slot 0



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)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.14840009

A.2 Comments

Window constraint met.