

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8360 - L2 Version 5
Chandra X-Ray Center

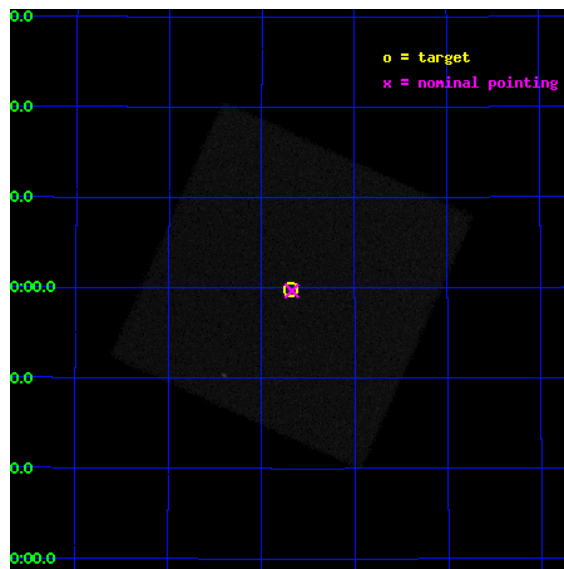
L2 Processing Date : Aug 11 2012

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1 Front

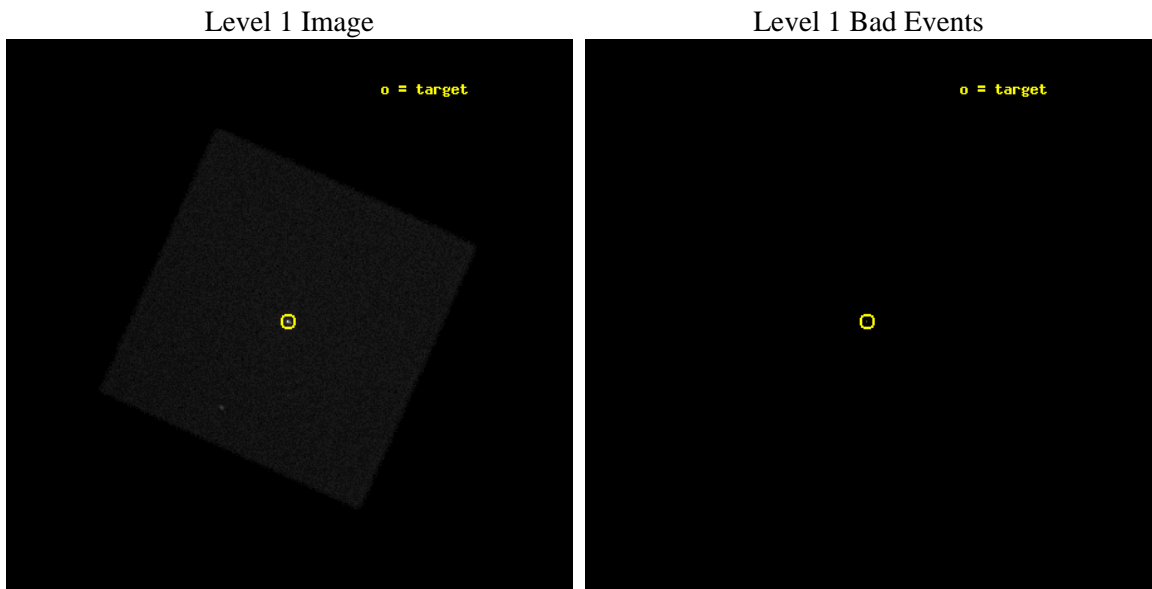
seq_num	290739	Sequence number
obs_id	8360	Observation id
title	Improving the De-Gap Corrections for the HRC-I	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
ra_targ	79.1725	Observer's specified target RA [deg]
dec_targ	45.998	Observer's specified target Dec [deg]
ra_nom	79.168581743826	Nominal RA [deg]
dec_nom	45.994737257445	Nominal Dec [deg]
roll_nom	249.24319438504	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5185.7314957976	[s]
livetime	5079.4953258878	Ontime multiplied by DTCOR
l2events	446897	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	6200.300000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5185.7314957976	[s]
caldsver	4.5.1.1	 	l1events	623604	Number of level 1 events
date	2012-08-11T18:14:17	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

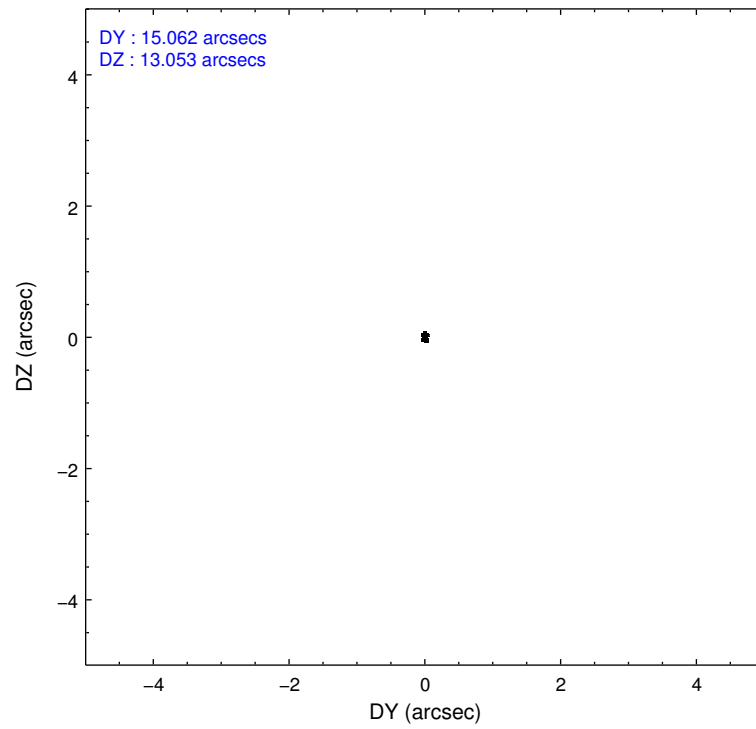
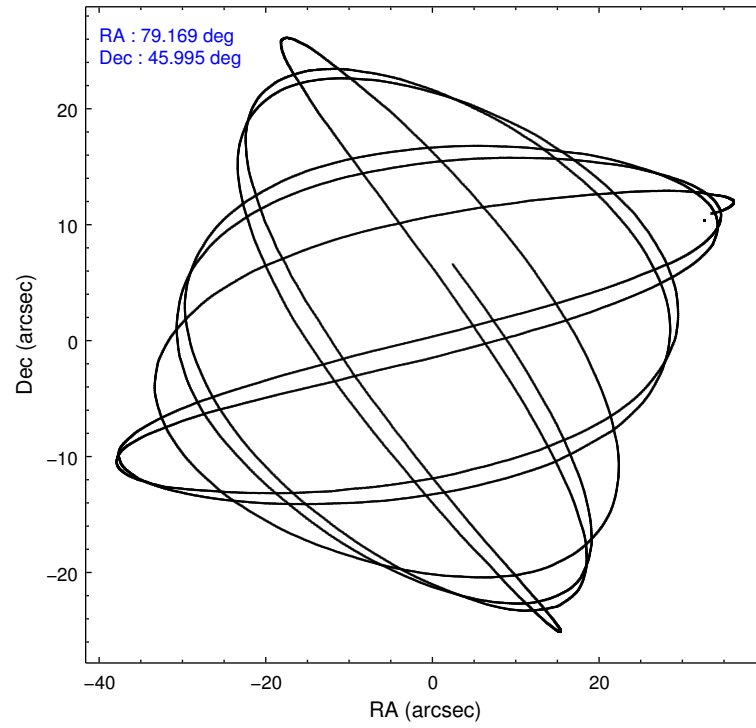
Level 1 Events

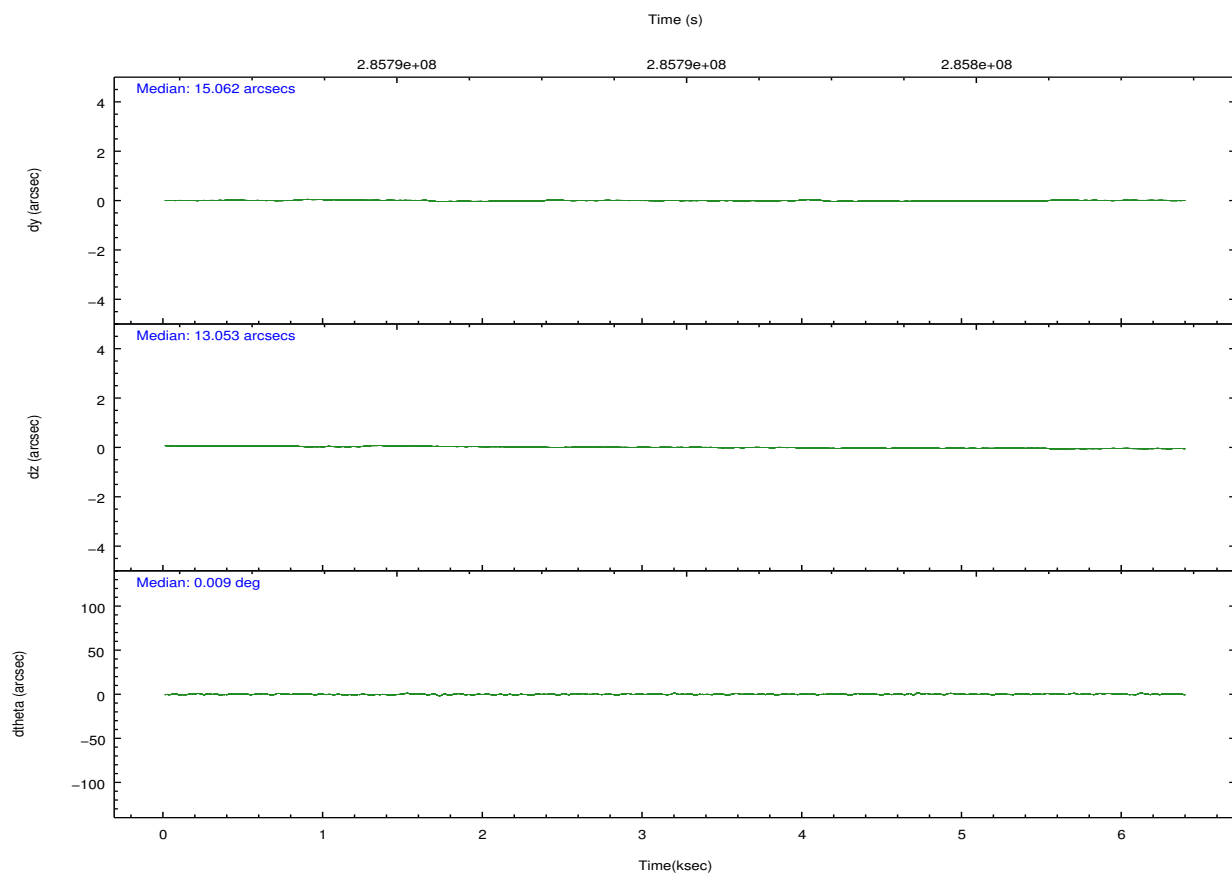
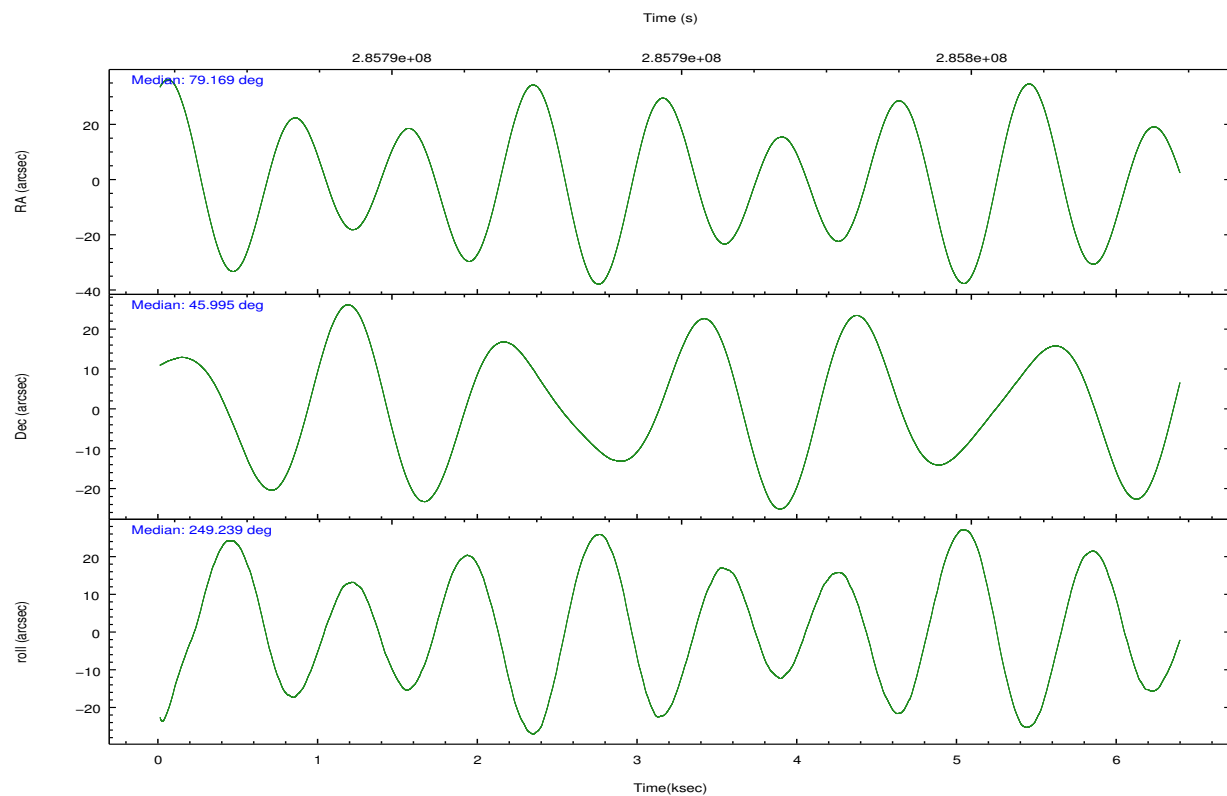
	segment 0
level 1 events	623604
rejected events	21804
rejected %	3%

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	79.161211	79.16858174382587			
[deg] Pointing Dec	46.021610	45.9947372574452			
[deg] Pointing Roll	249.343990	249.2431943850445			
[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)	285790919.184000	285790543.32759			
Observation start date	2007-01-21T18:20:54	2007-01-21T18:15:43			
[s] Observation end time (MET)	285797119.184000	285797313.45291			
Observation end date	2007-01-21T20:04:14	2007-01-21T20:08:33			

2.3 Aspect



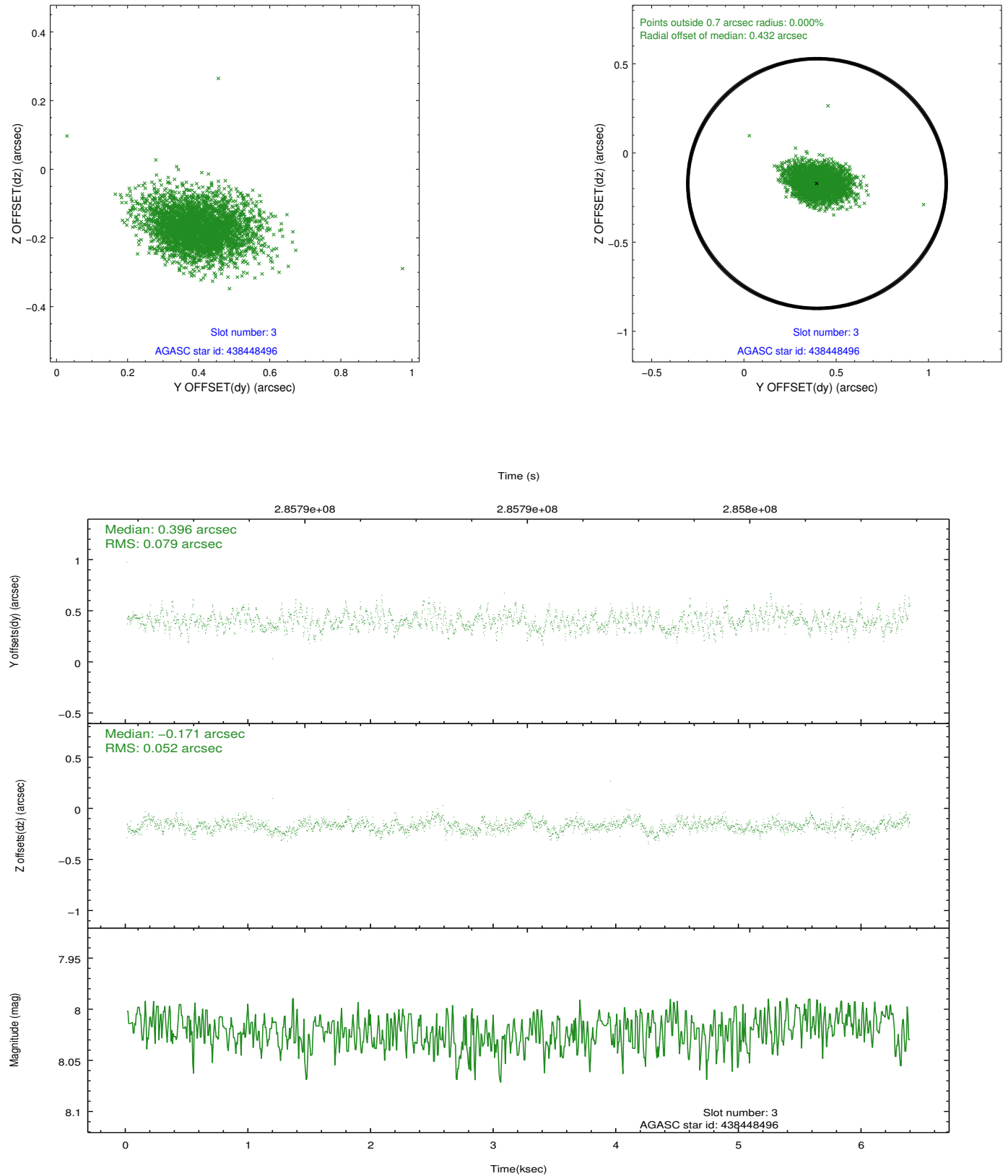


Slot Statistics

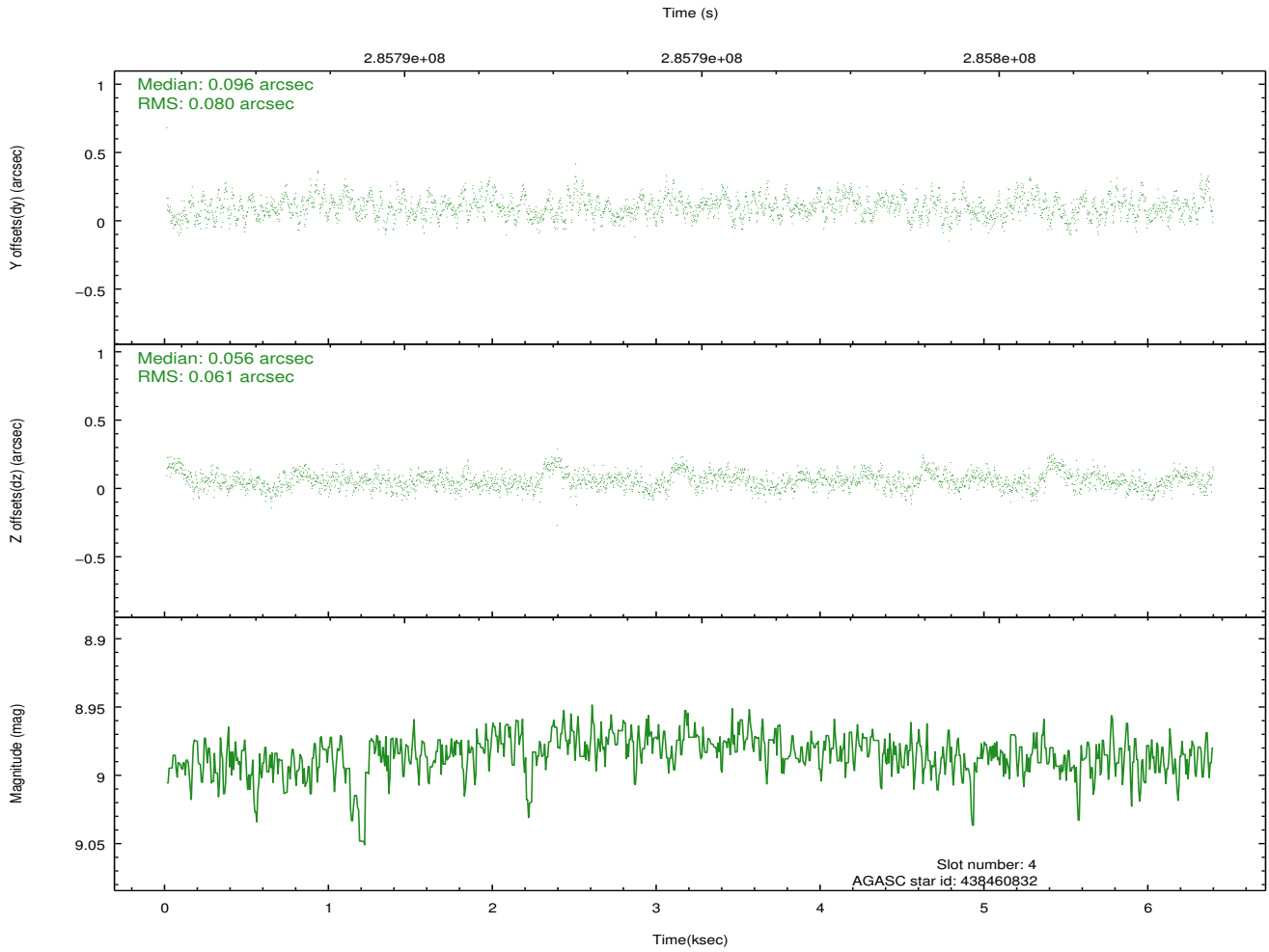
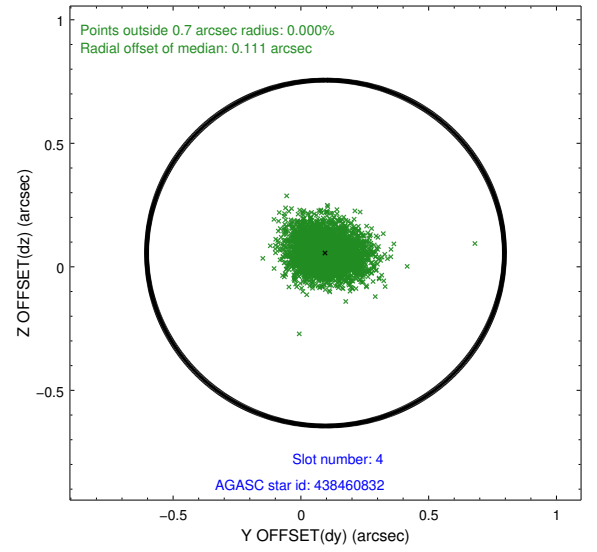
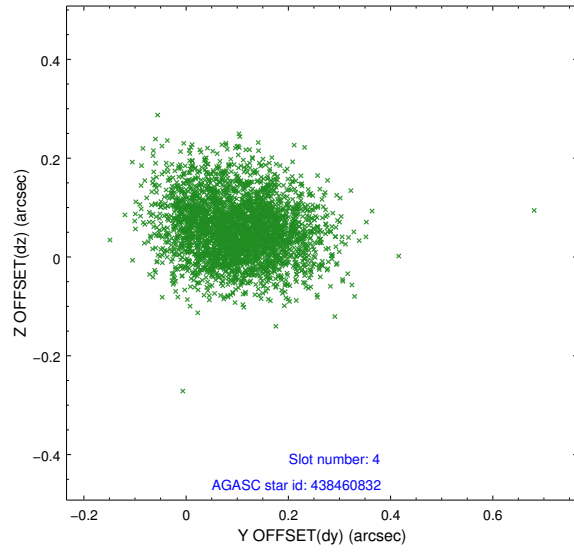
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	1558	-0.051	0.031	0.007	0.011	0.000000	0.000000	-770.93	-1301.04
1	FID	HRC-I-2	7.02	1558	0.209	-0.132	0.006	0.009	0.000000	0.000000	841.47	-1303.62
2	FID	HRC-I-3	7.07	1558	-0.039	0.011	0.006	0.010	0.000000	0.000000	-1198.84	1002.67
3	GUIDE	438448496	8.02	3115	0.396	-0.171	0.097	0.169	77.967952	45.656964	2267.33	-2354.75
4	GUIDE	438460832	8.98	3110	0.096	0.056	0.105	0.171	78.414614	45.554782	2229.52	-1172.16
5	GUIDE	440140240	9.99	3112	-0.223	0.139	0.129	0.218	78.889349	46.726437	-2137.88	-1524.02
6	GUIDE	440150048	7.15	3114	-0.238	0.038	0.086	0.134	79.112838	46.416060	-1287.06	-614.16
7	GUIDE	440163560	9.56	3114	-0.036	-0.064	0.117	0.196	79.359509	46.135242	-558.10	317.69

2.4 Star Slots

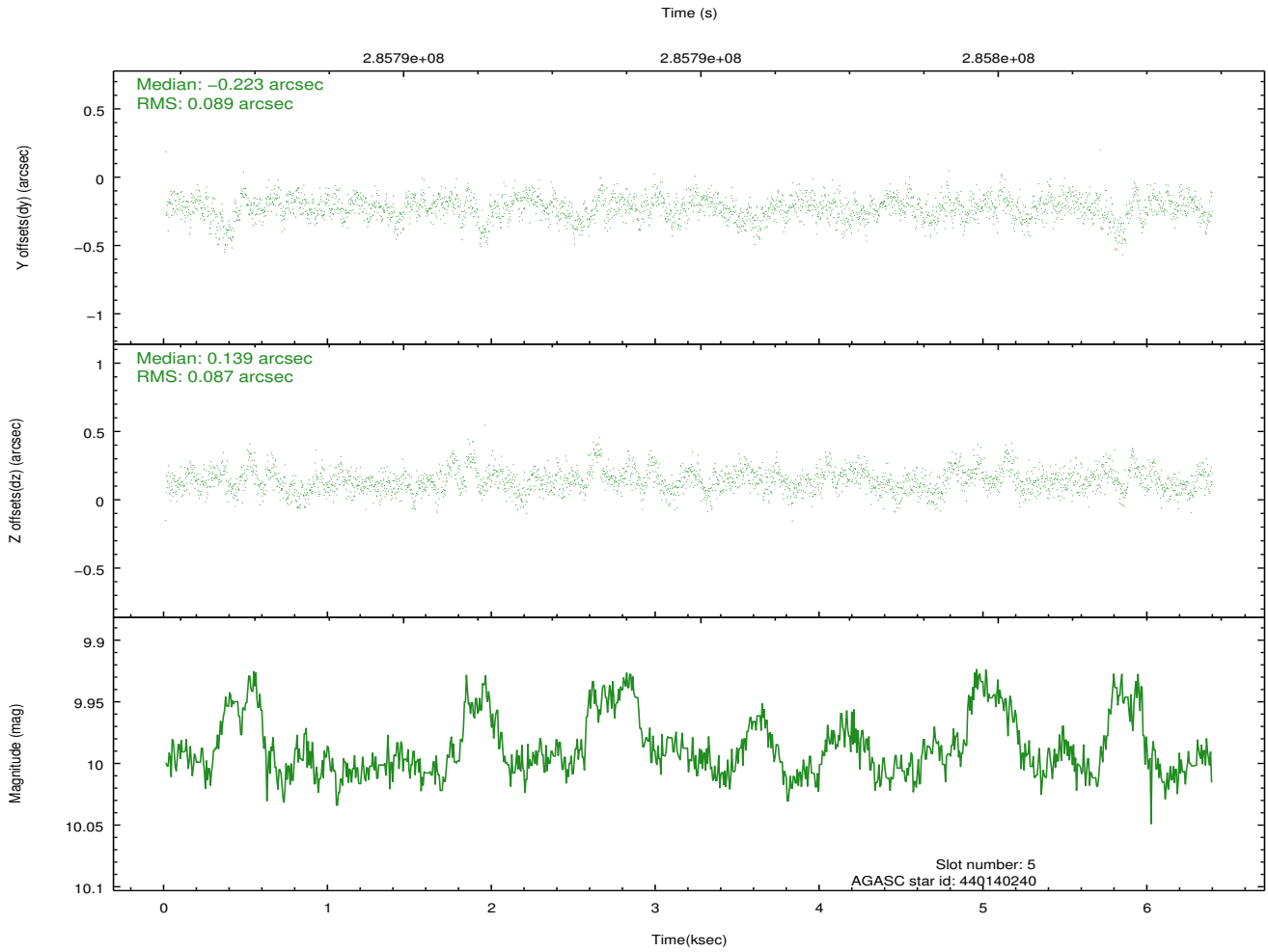
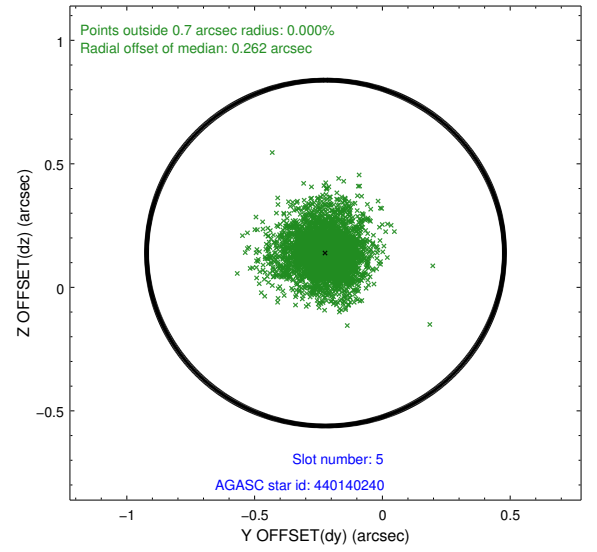
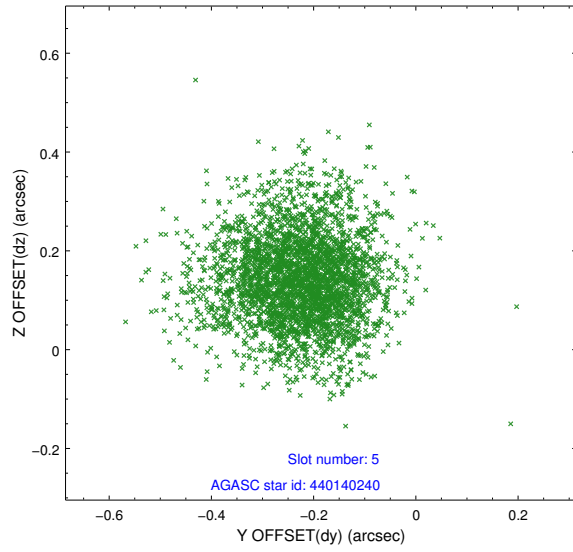
2.4.1 Slot 3



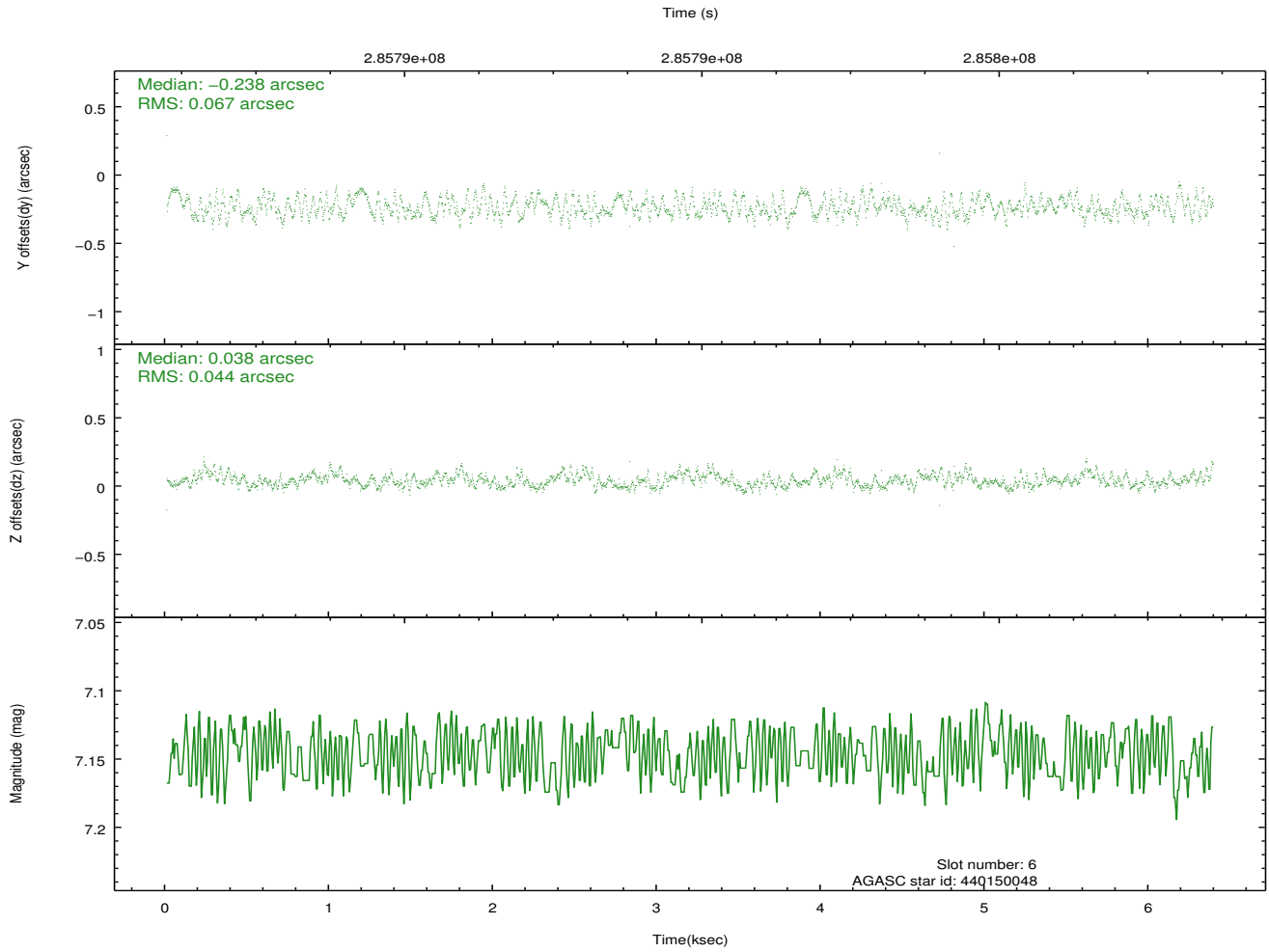
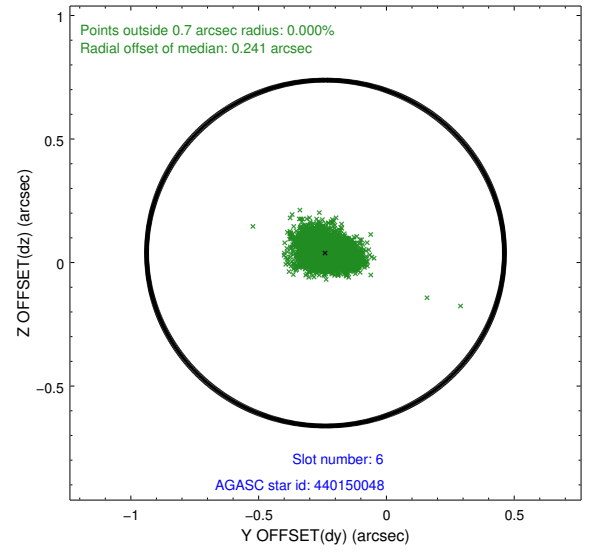
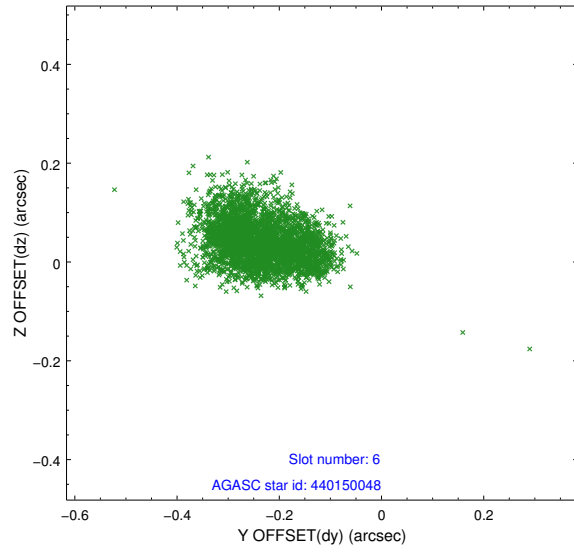
2.4.2 Slot 4



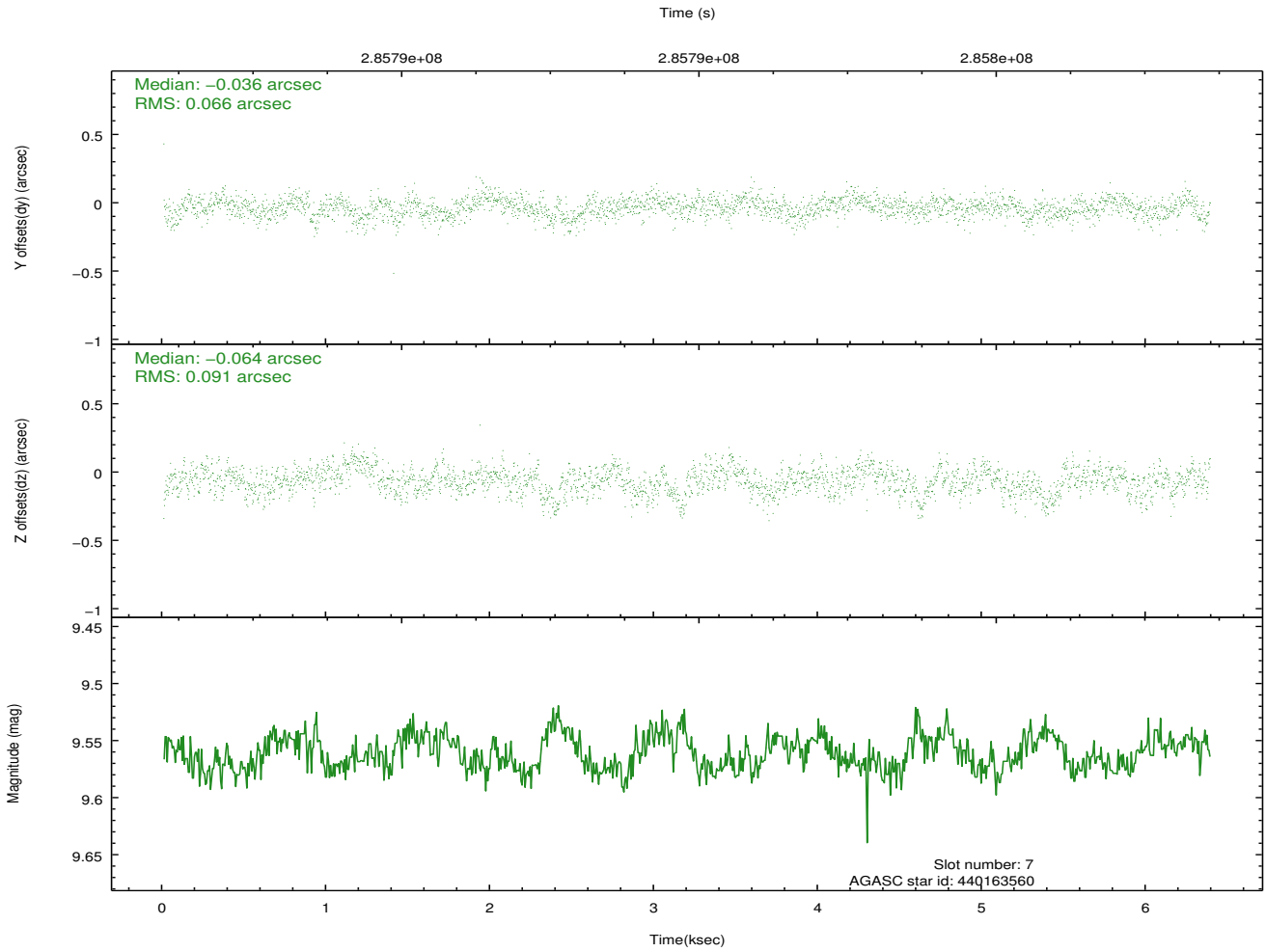
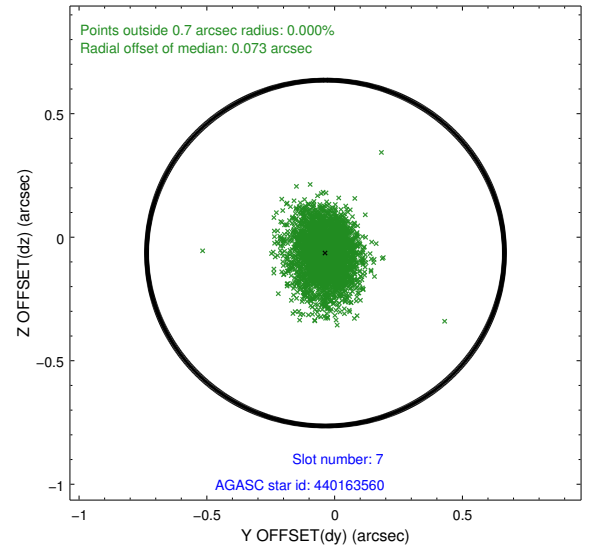
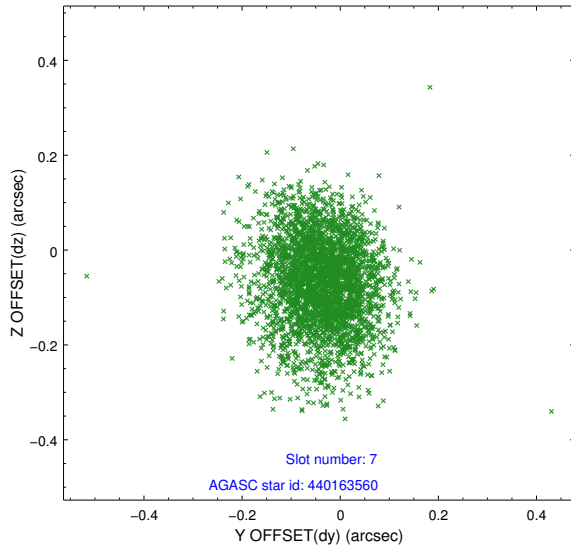
2.4.3 Slot 5



2.4.4 Slot 6

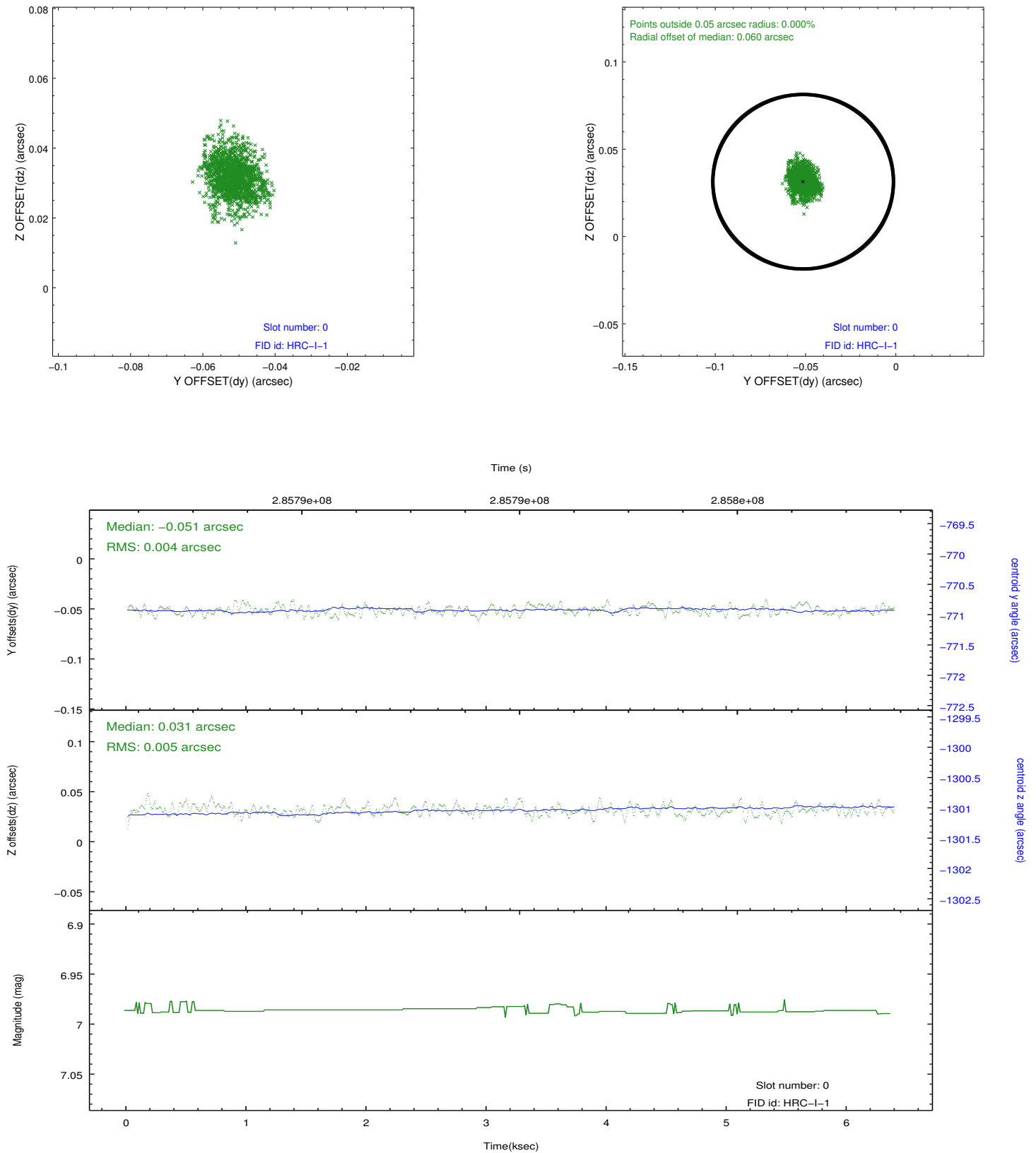


2.4.5 Slot 7

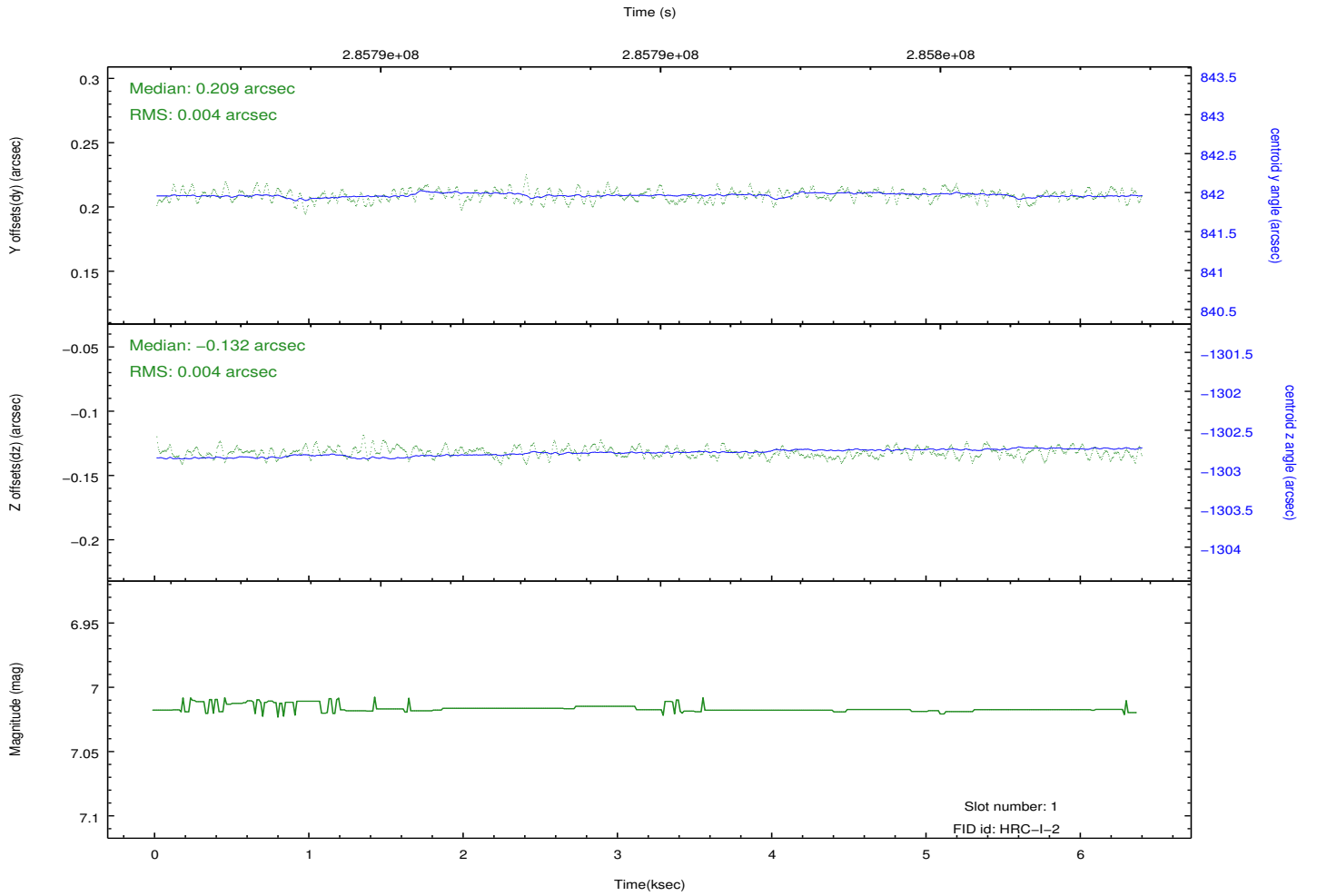
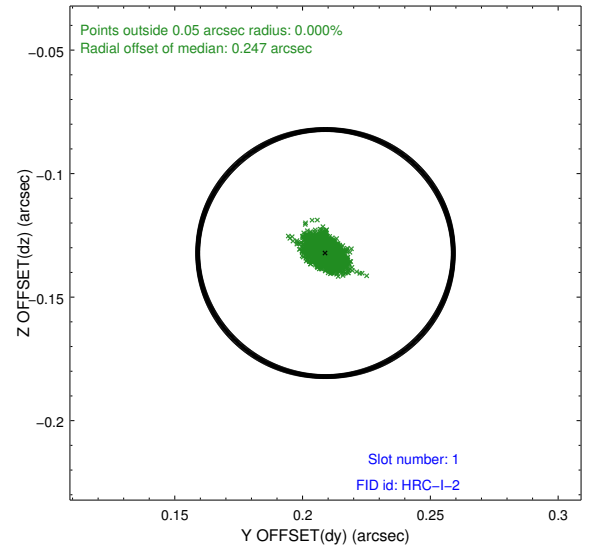
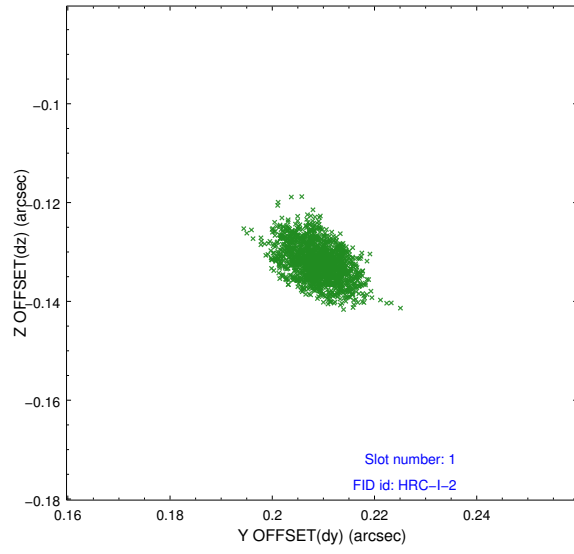


2.5 FID Slots

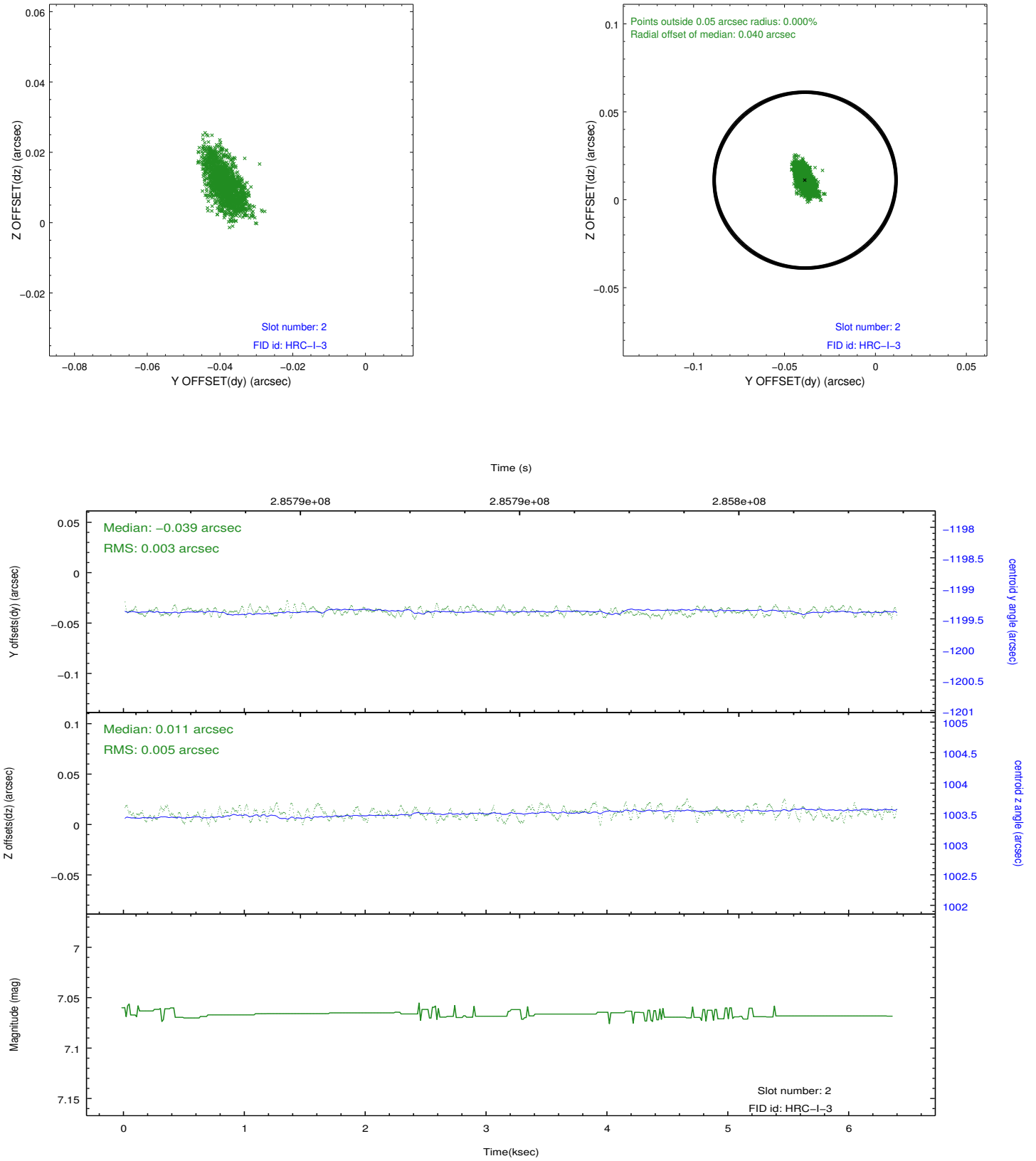
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18573149

A.2 Comments