

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 5050 - L2 Version 4
Chandra X-Ray Center

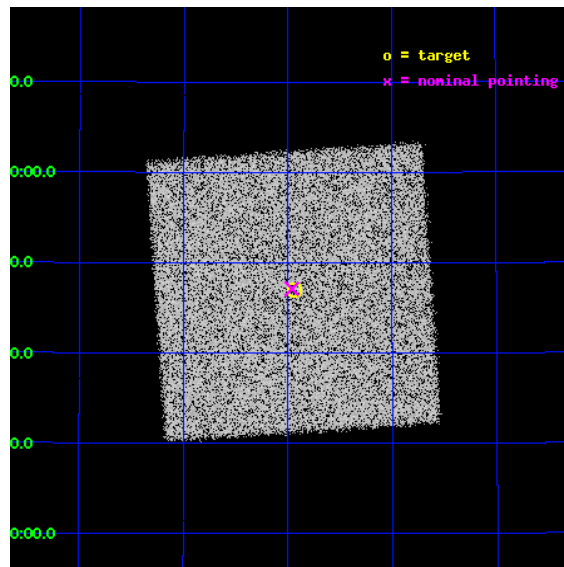
L2 Processing Date : Nov 11 2012

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1 Front

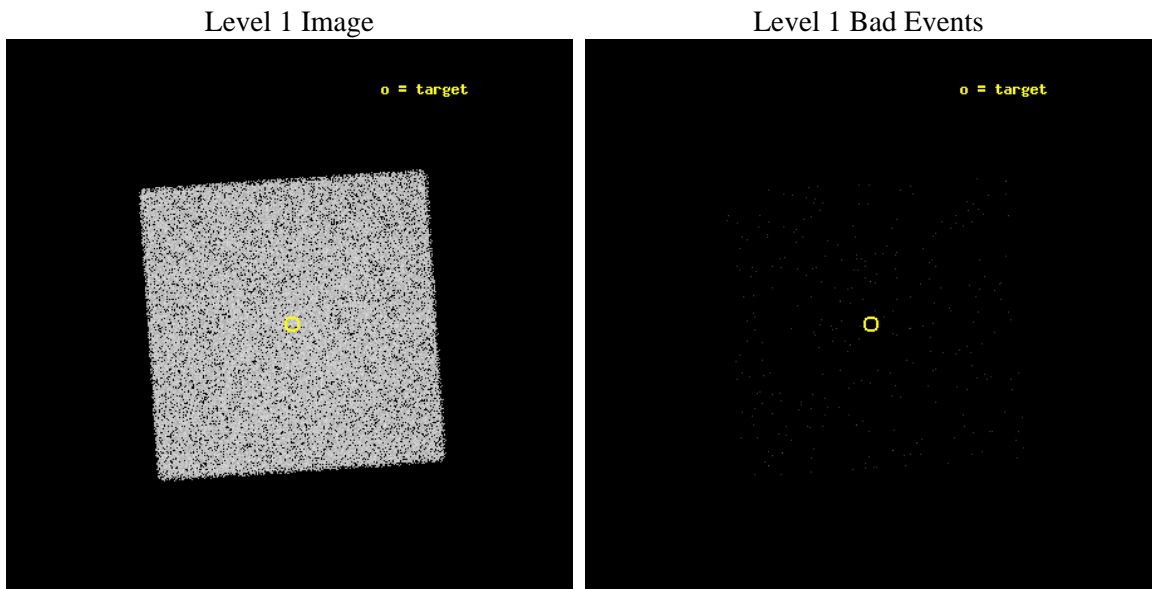
seq_num	290323	Sequence number
obs_id	5050	Observation id
title	AO5 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.24027440252	Nominal RA [deg]
dec_nom	38.785210561688	Nominal Dec [deg]
roll_nom	41.115902883156	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2083.8250910938	[s]
livetime	2071.4166397958	Ontime multiplied by DTCOR
l2events	75470	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	8.4.5	Processing system revision	ontime	2083.8250910938	[s]
caldbver	4.5.2	 	l1events	172299	Number of level 1 events
date	2012-11-11T14:29:46	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

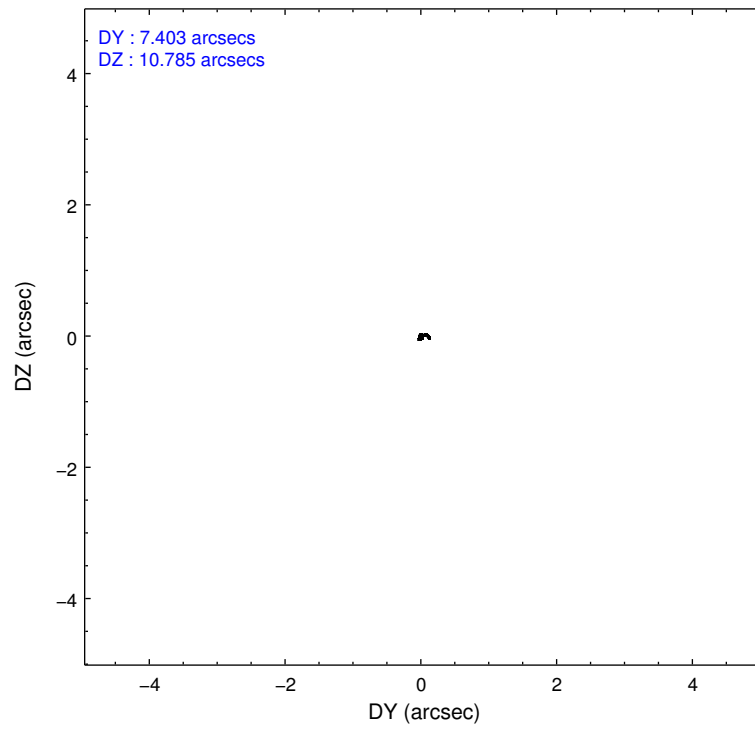
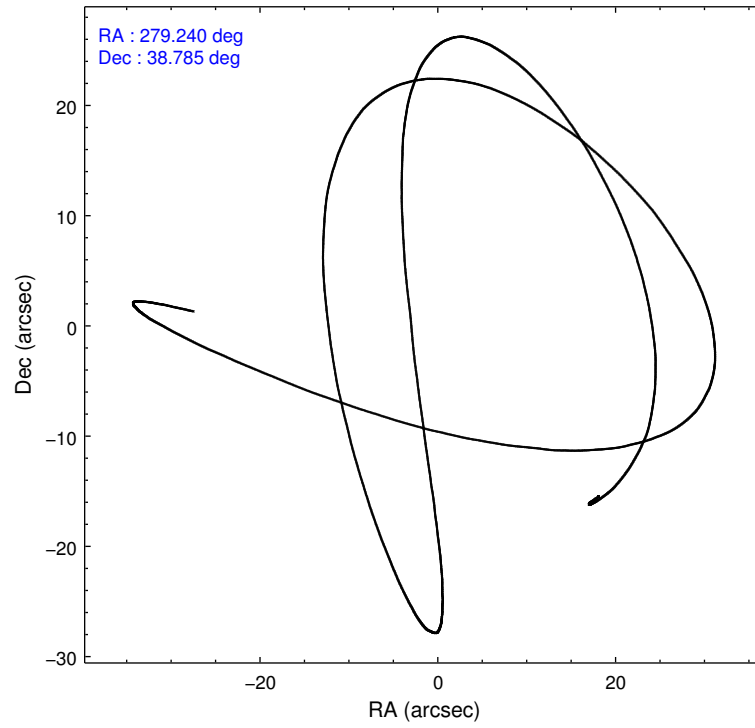
Level 1 Events

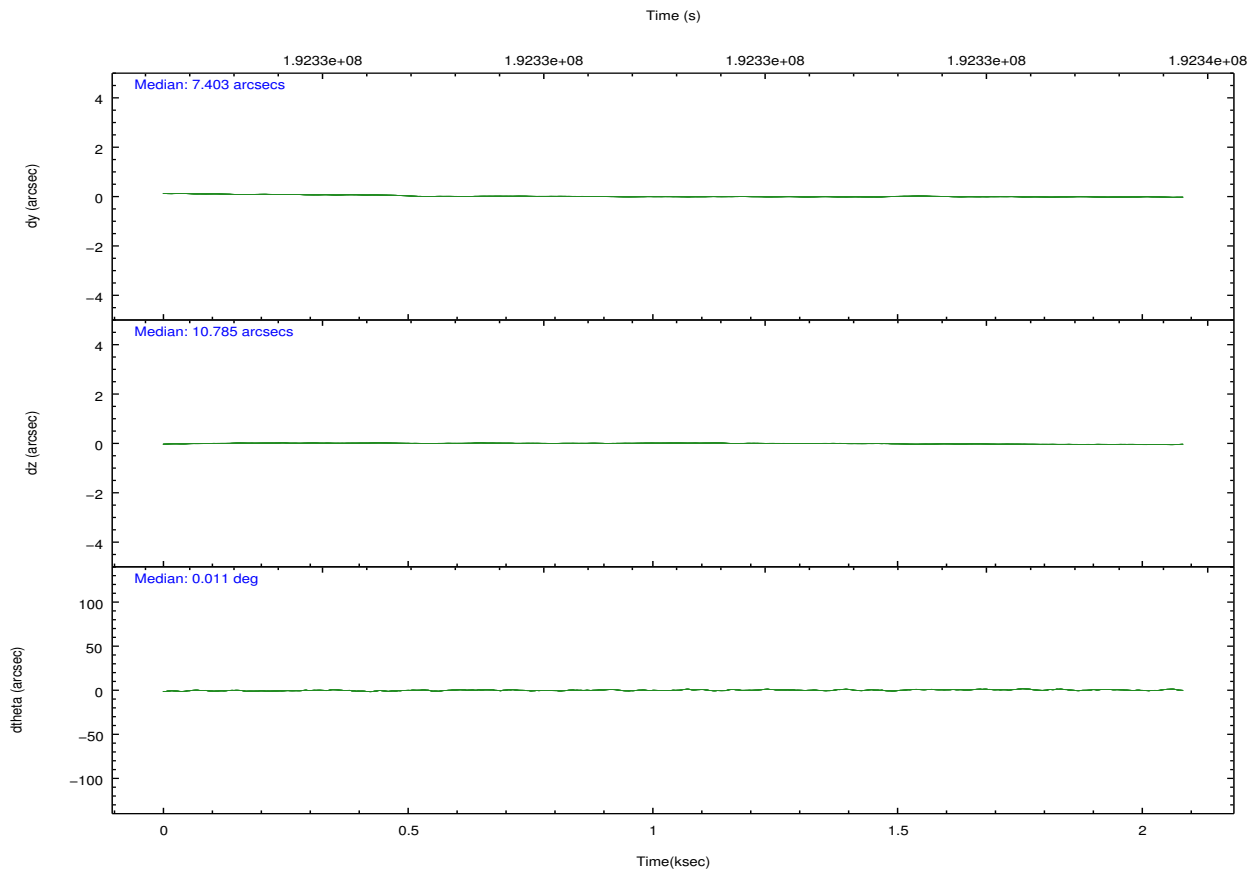
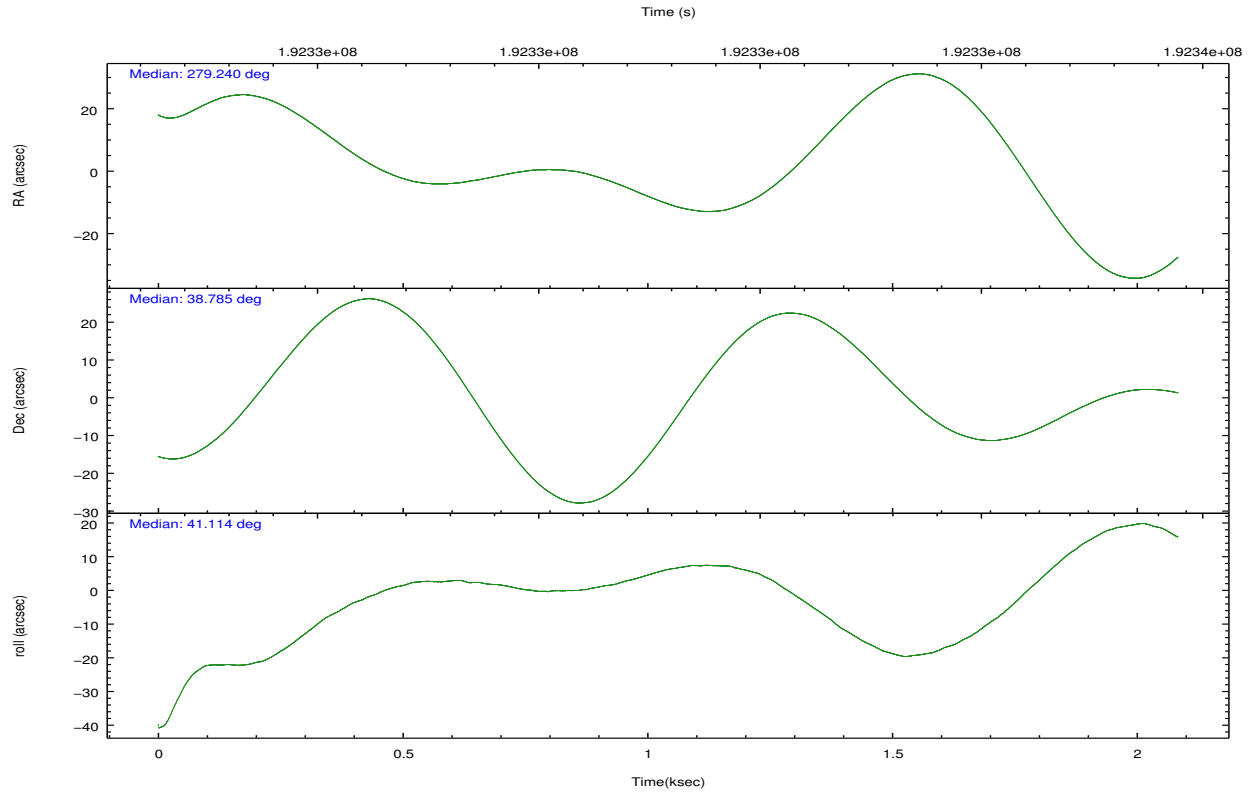
	segment 0
level 1 events	172299
rejected events	64656
rejected %	37%

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	279.229591	279.2402744025204			
[deg] Pointing Dec	38.759245	38.78521056168784			
[deg] Pointing Roll	41.218246	41.1159028831561			
[s] Window start time (MET)	191980864.184000	191980864.184000			
[s] Window stop time (MET)	197078464.184000	197078464.184000			
[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)	192332836.184000	192331570.00504			
Observation start date	2004-02-05T01:46:12	2004-02-05T01:26:10			
[s] Observation end time (MET)	192334836.184000	192334971.98019			
Observation end date	2004-02-05T02:19:32	2004-02-05T02:22:51			

2.3 Aspect



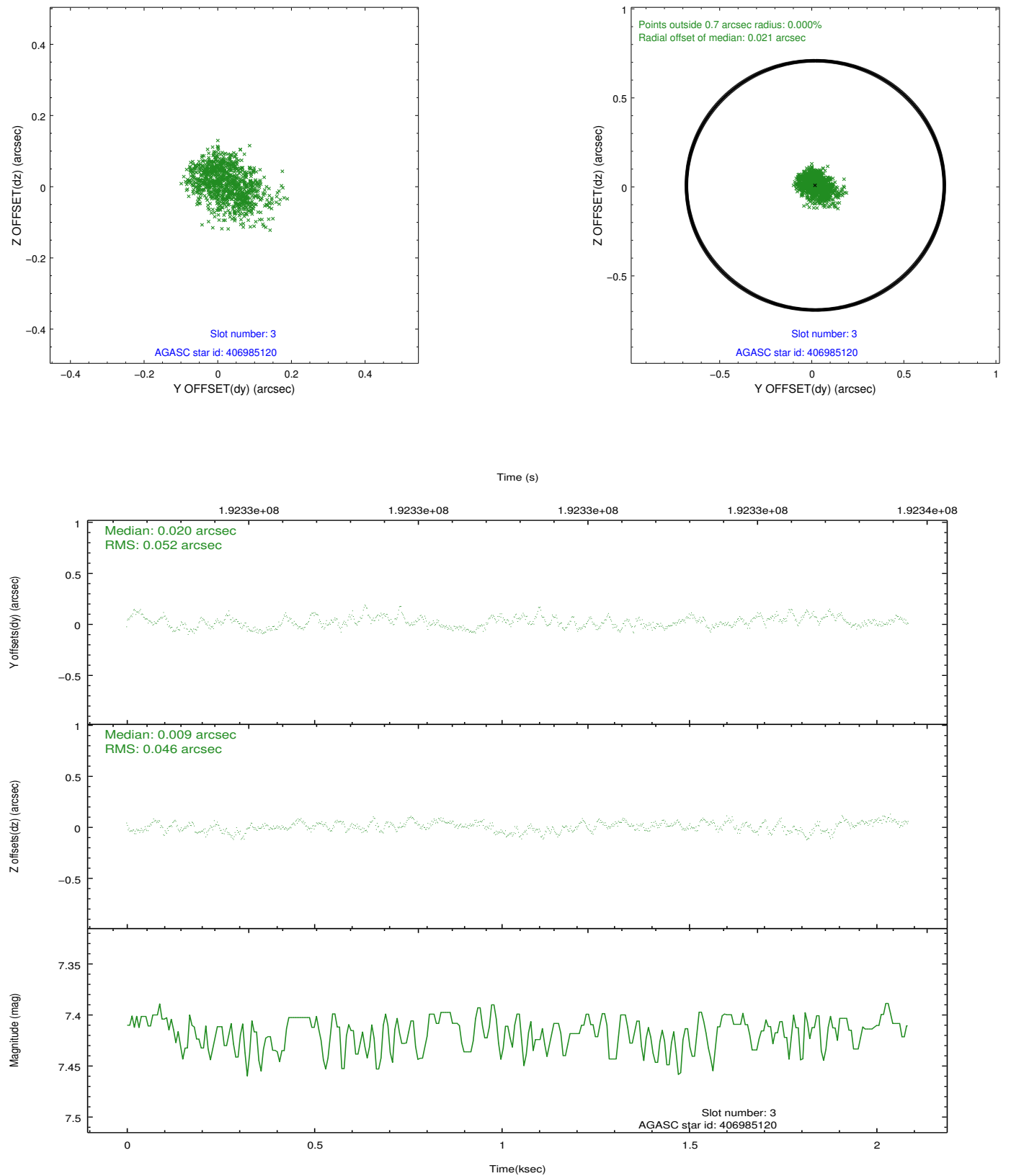


Slot Statistics

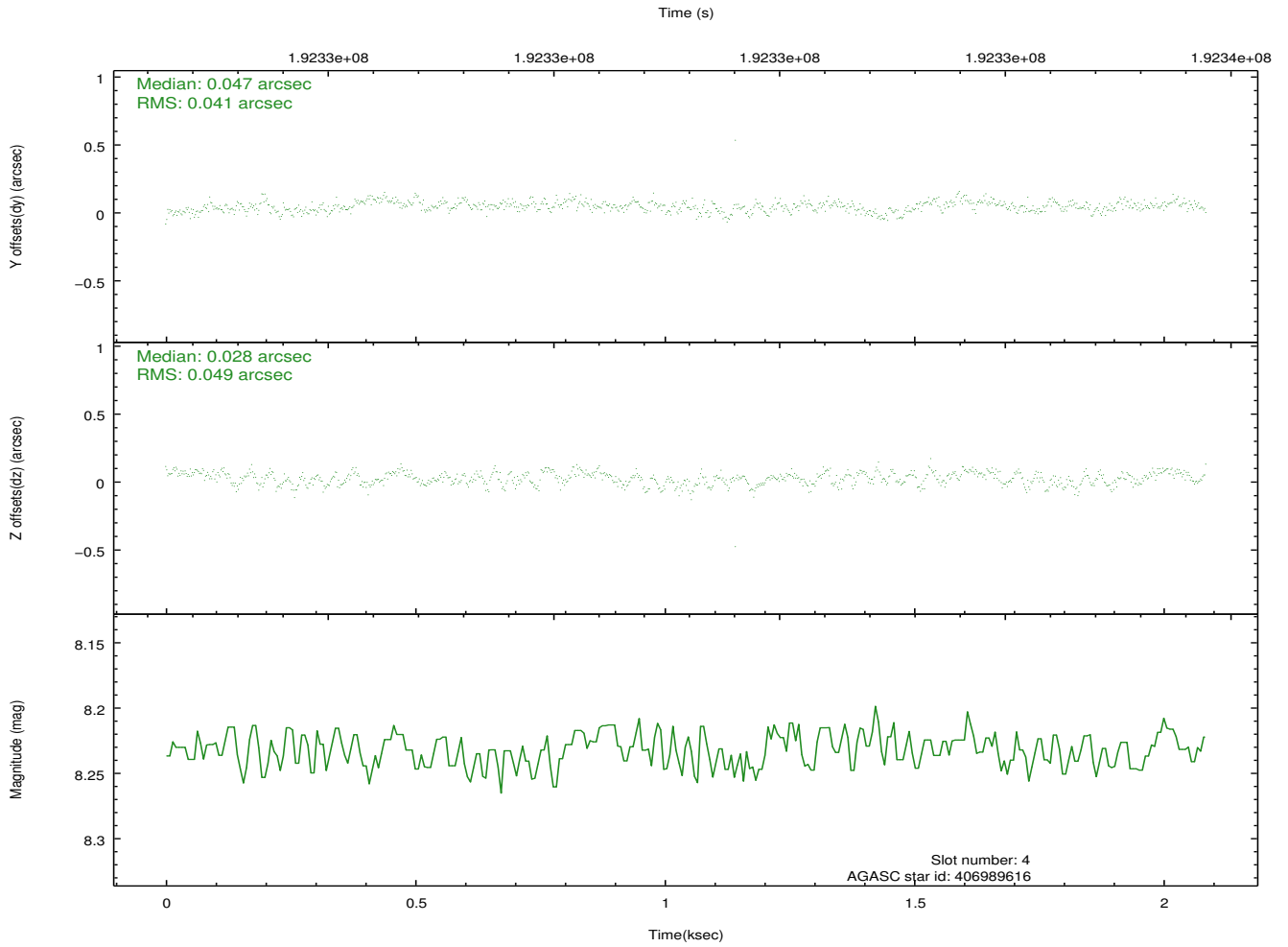
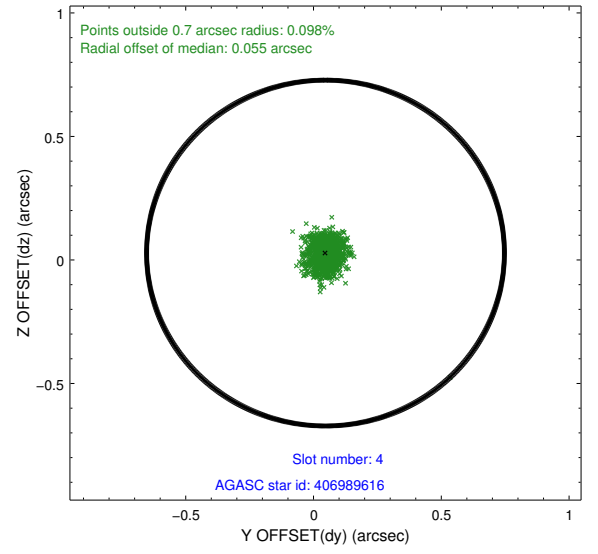
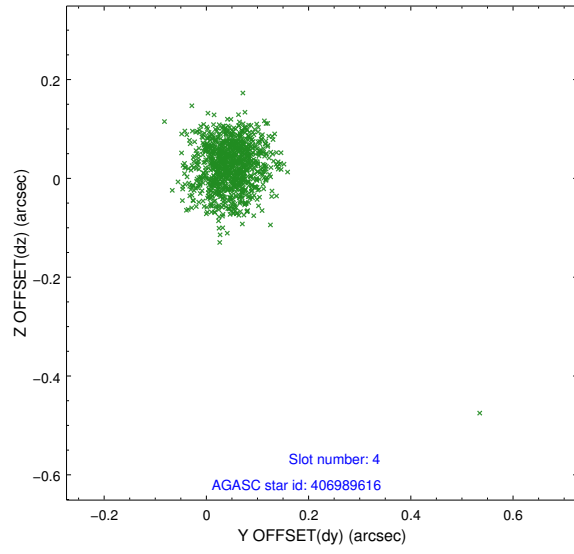
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	509	-0.036	-0.058	0.006	0.009	0.000000	0.000000	-763.10	-1298.76
1	FID	HRC-I-2	7.04	509	0.091	-0.034	0.007	0.011	0.000000	0.000000	848.16	-1302.92
2	FID	HRC-I-4	7.03	509	0.060	0.000	0.005	0.009	0.000000	0.000000	1281.54	1000.83
3	GUIDE	406985120	7.42	1018	0.020	0.009	0.074	0.113	278.839732	38.894839	-499.02	1088.89
4	GUIDE	406989616	8.23	1018	0.047	0.028	0.065	0.101	279.202881	38.520843	-623.02	-594.74
5	GUIDE	406990192	8.99	1018	0.002	-0.072	0.084	0.156	278.510952	38.533654	-2053.33	728.02
6	GUIDE	406993992	7.62	1018	-0.057	0.027	0.060	0.100	279.053714	38.034587	-2096.26	-1632.76
7	GUIDE	406983600	8.93	1017	-0.012	0.009	0.079	0.128	279.940957	39.020708	2119.43	-598.95

2.4 Star Slots

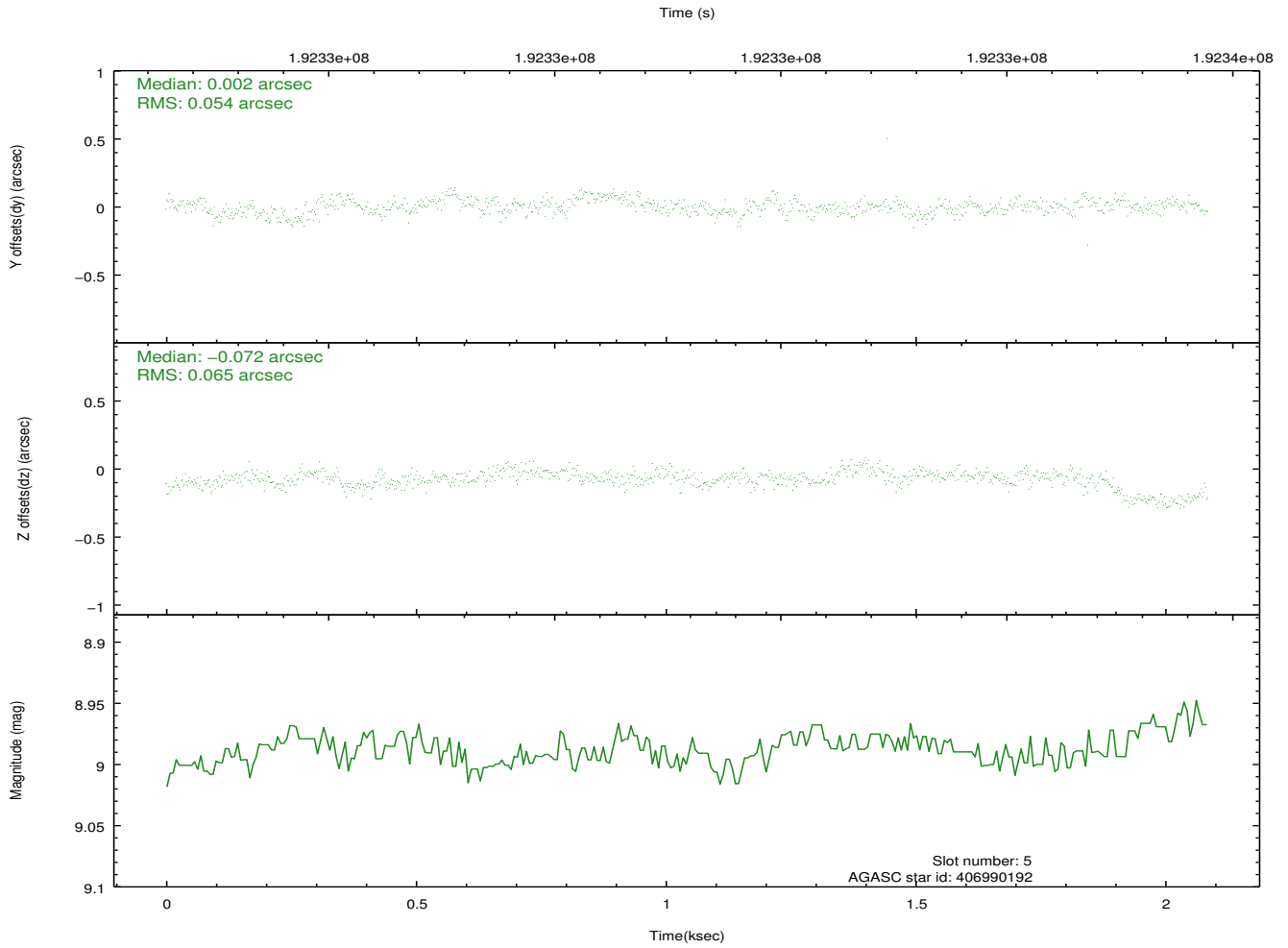
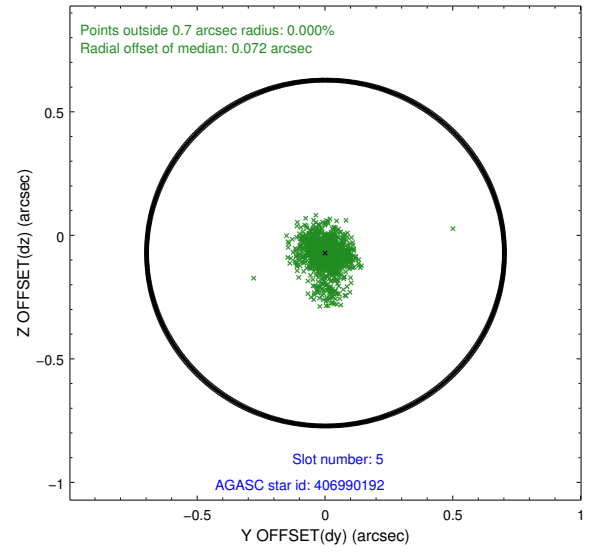
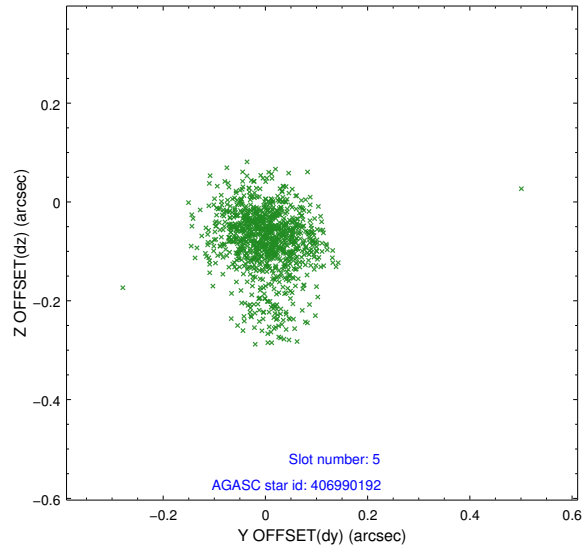
2.4.1 Slot 3



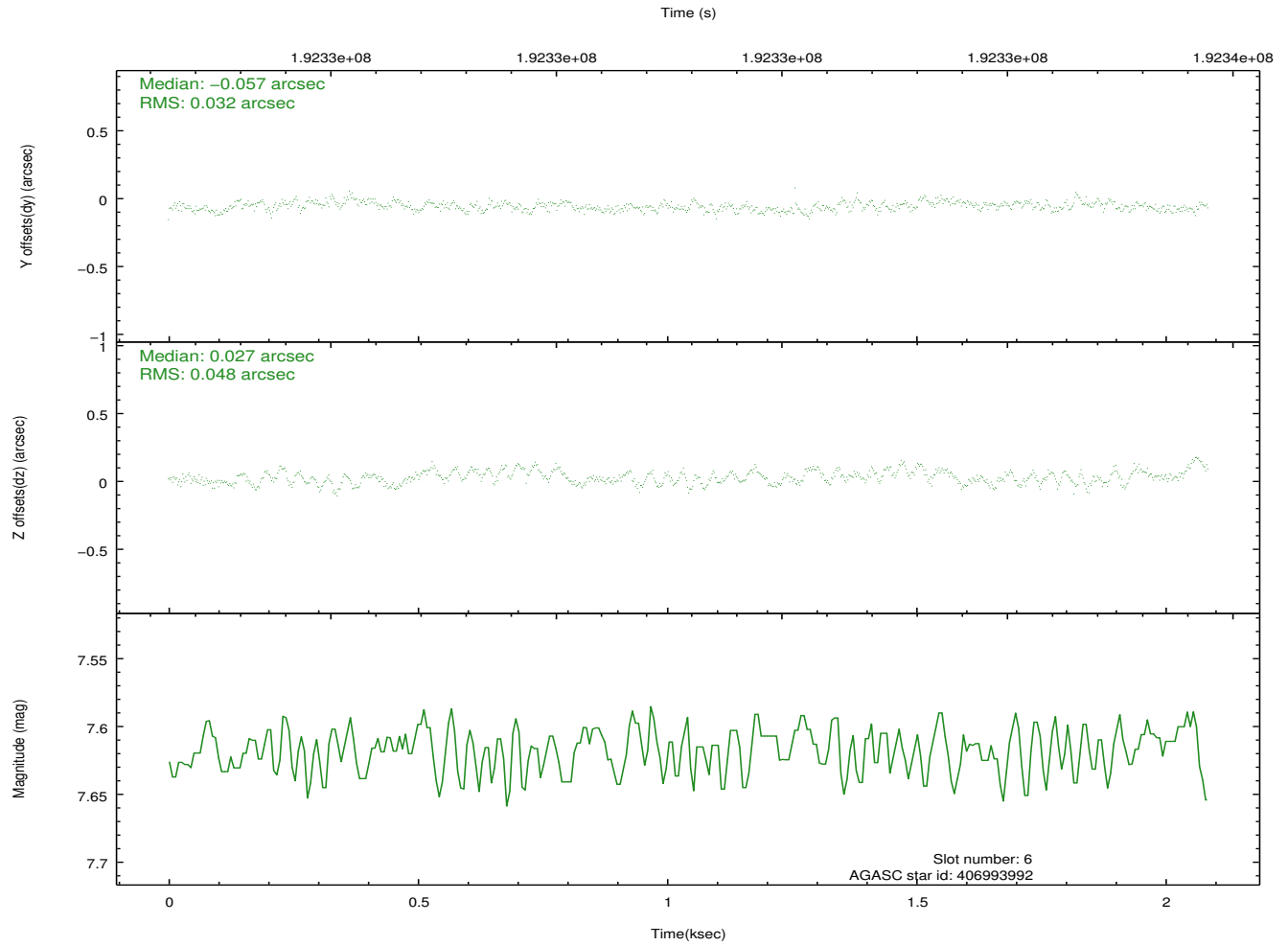
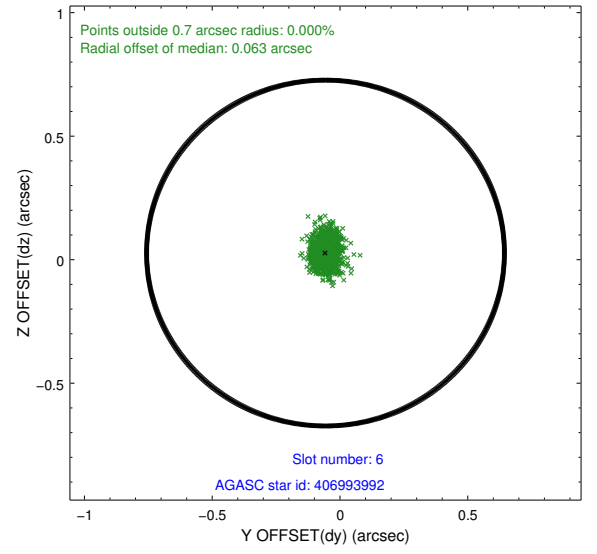
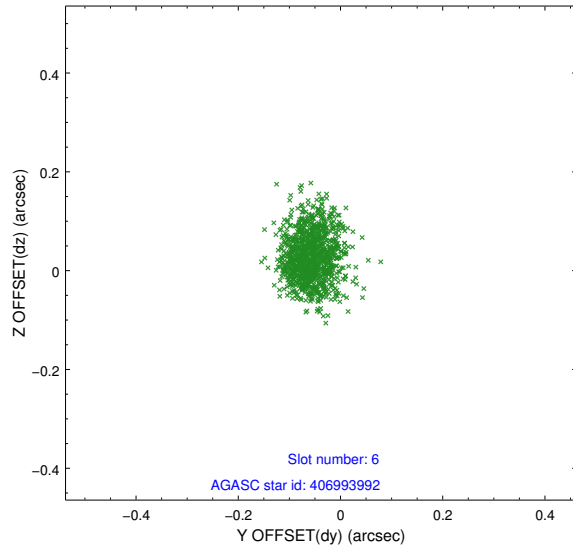
2.4.2 Slot 4



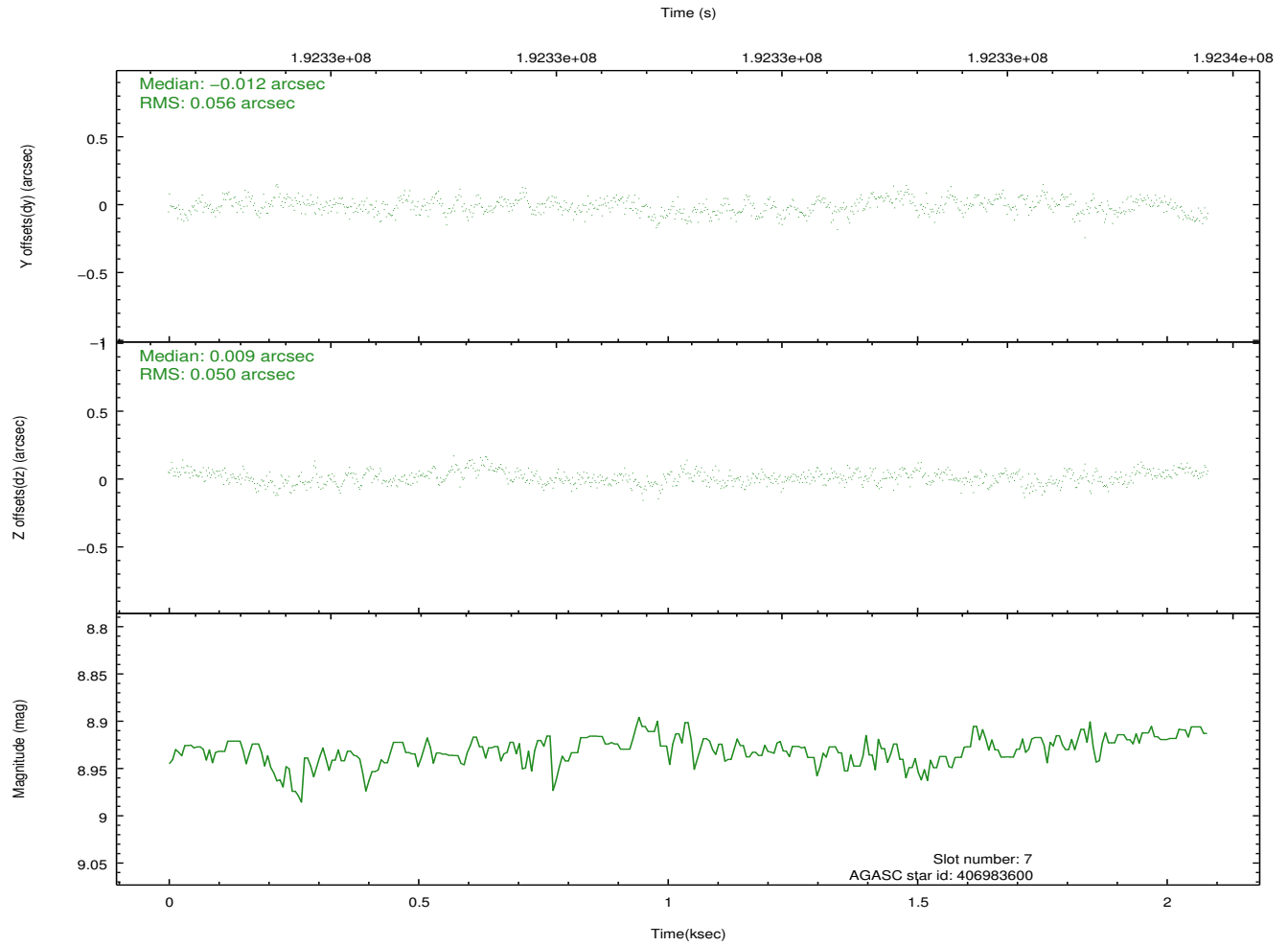
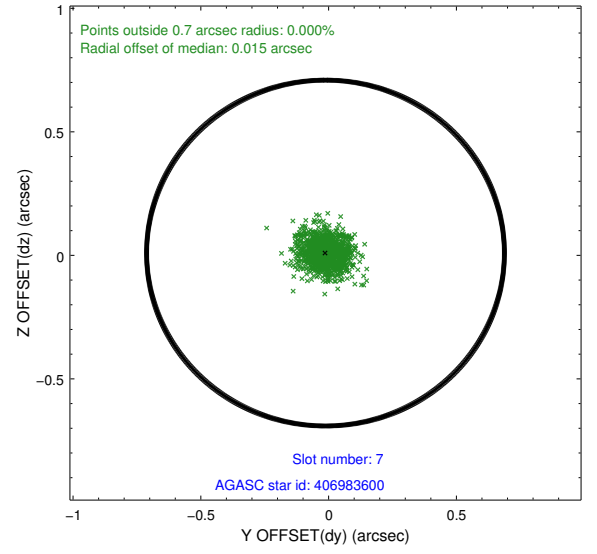
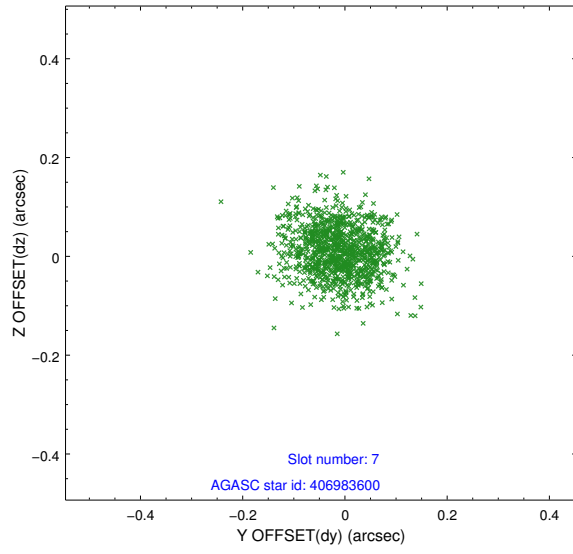
2.4.3 Slot 5



2.4.4 Slot 6

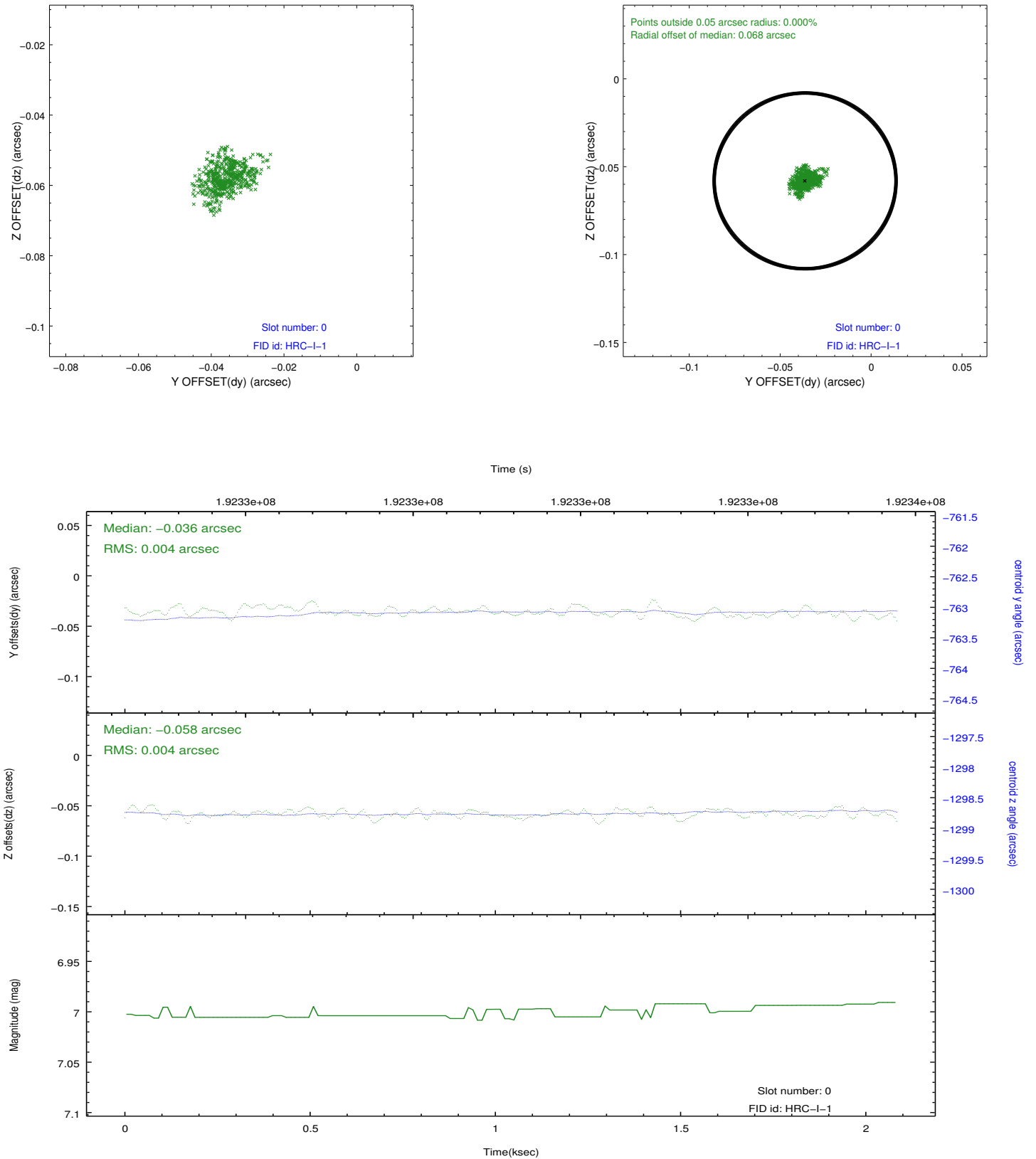


2.4.5 Slot 7

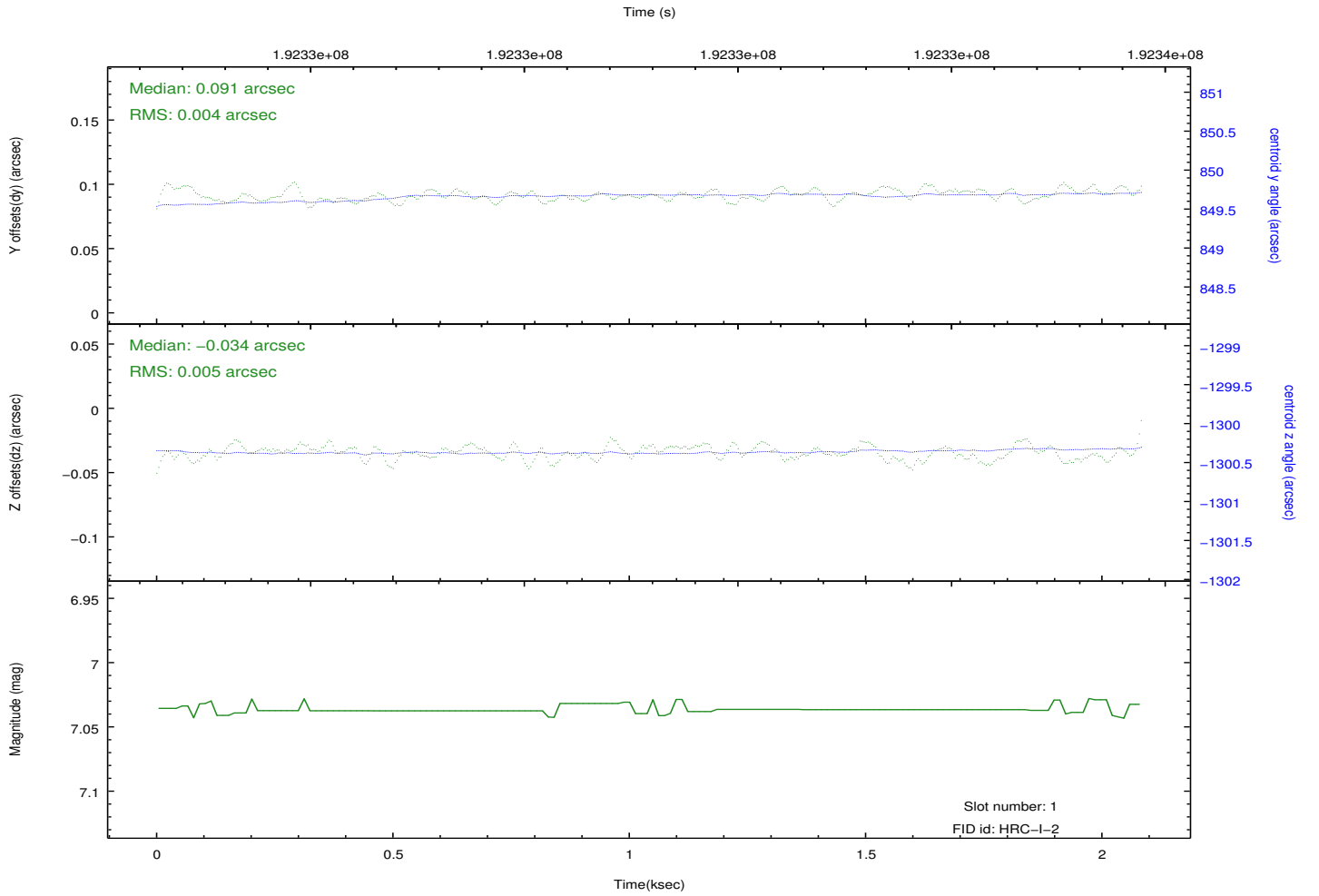
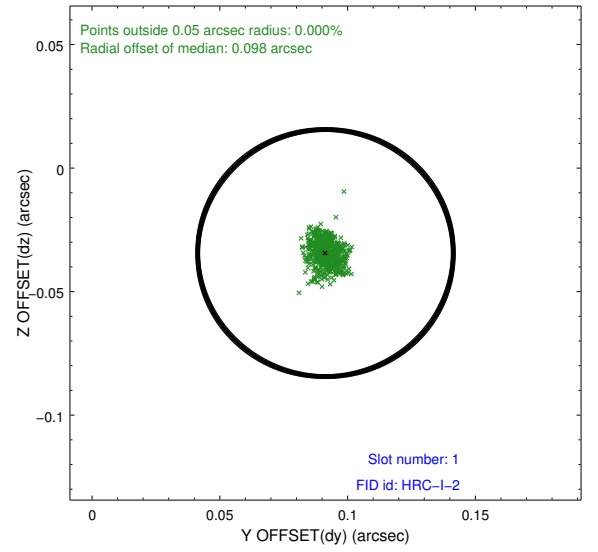
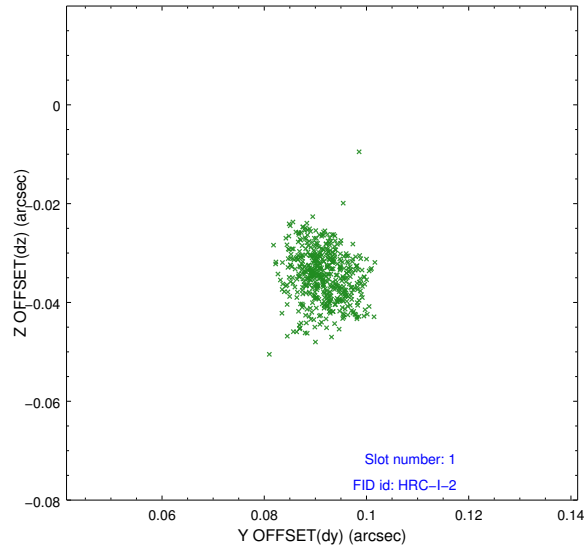


2.5 FID Slots

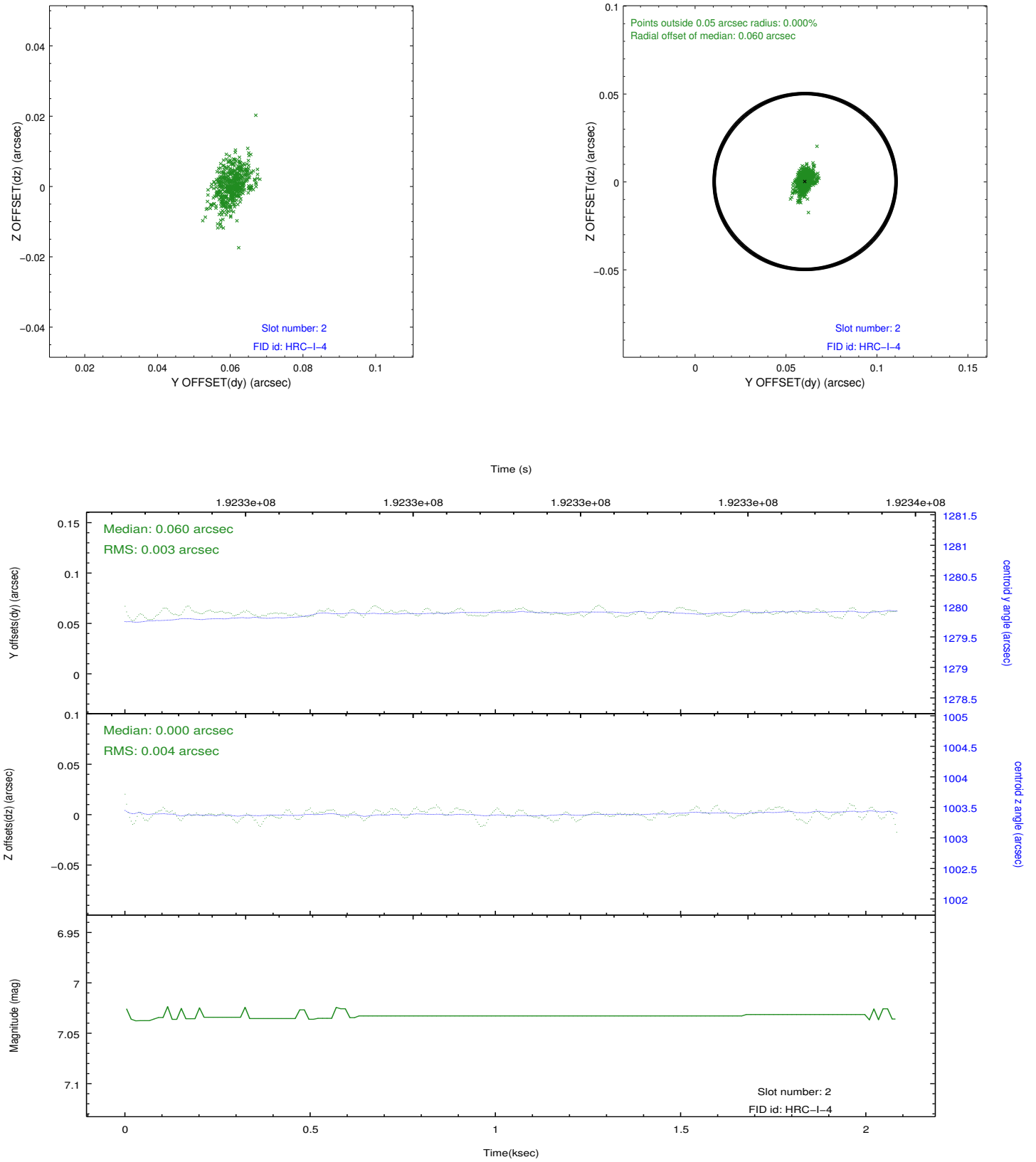
2.5.1 Slot 0



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)	2012.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.084

A.2 Comments

Window constraint met.