

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8293 - L2 Version 3
Chandra X-Ray Center

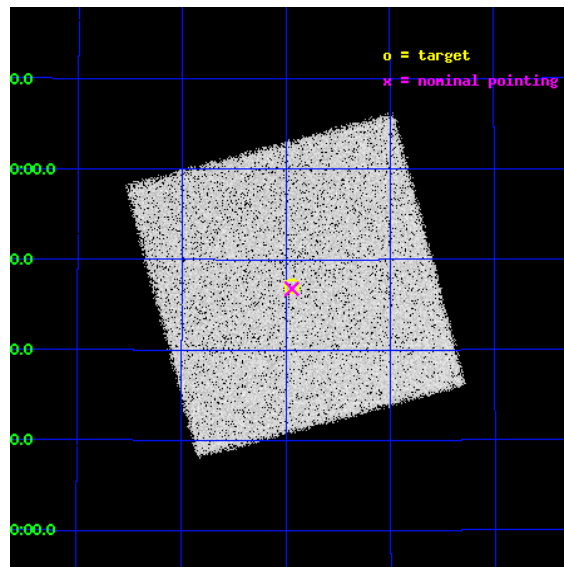
L2 Processing Date : Aug 12 2012

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1 Front

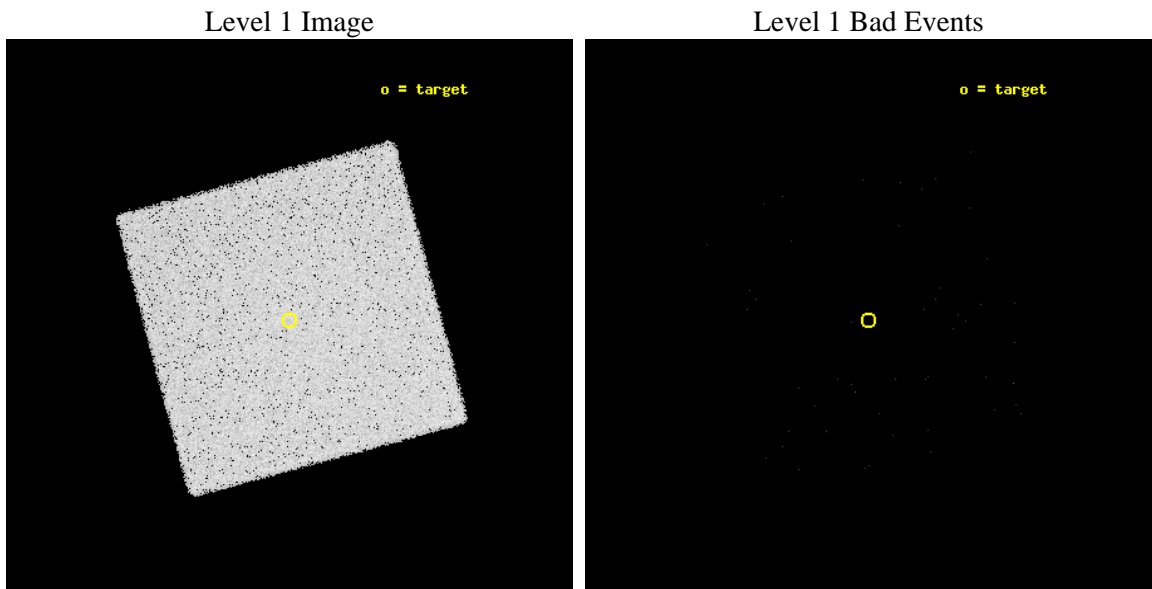
seq_num	290672	Sequence number
obs_id	8293	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23584010382	Nominal RA [deg]
dec_nom	38.779555440915	Nominal Dec [deg]
roll_nom	300.00899822302	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2141.4813532829	[s]
liveltime	2119.3102972263	Ontime multiplied by DTCOR
l2events	127987	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2141.4813532829	[s]
caldbver	4.5.1.1	 	l1events	269907	Number of level 1 events
date	2012-08-12T06:30:44	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

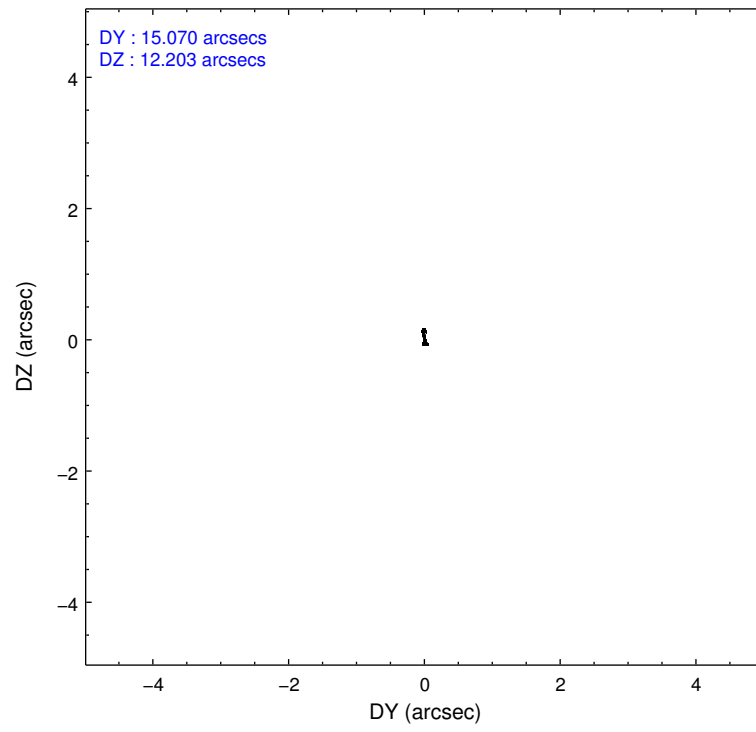
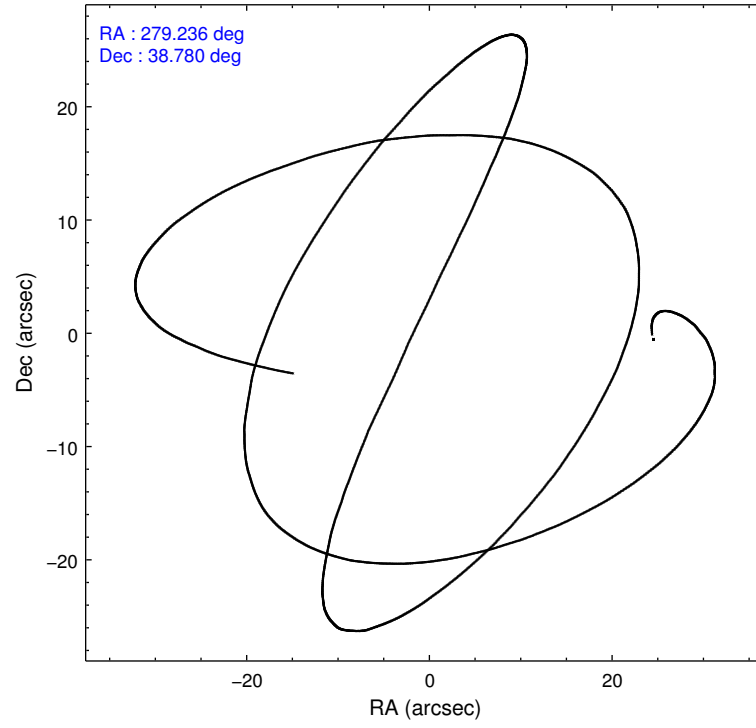
Level 1 Events

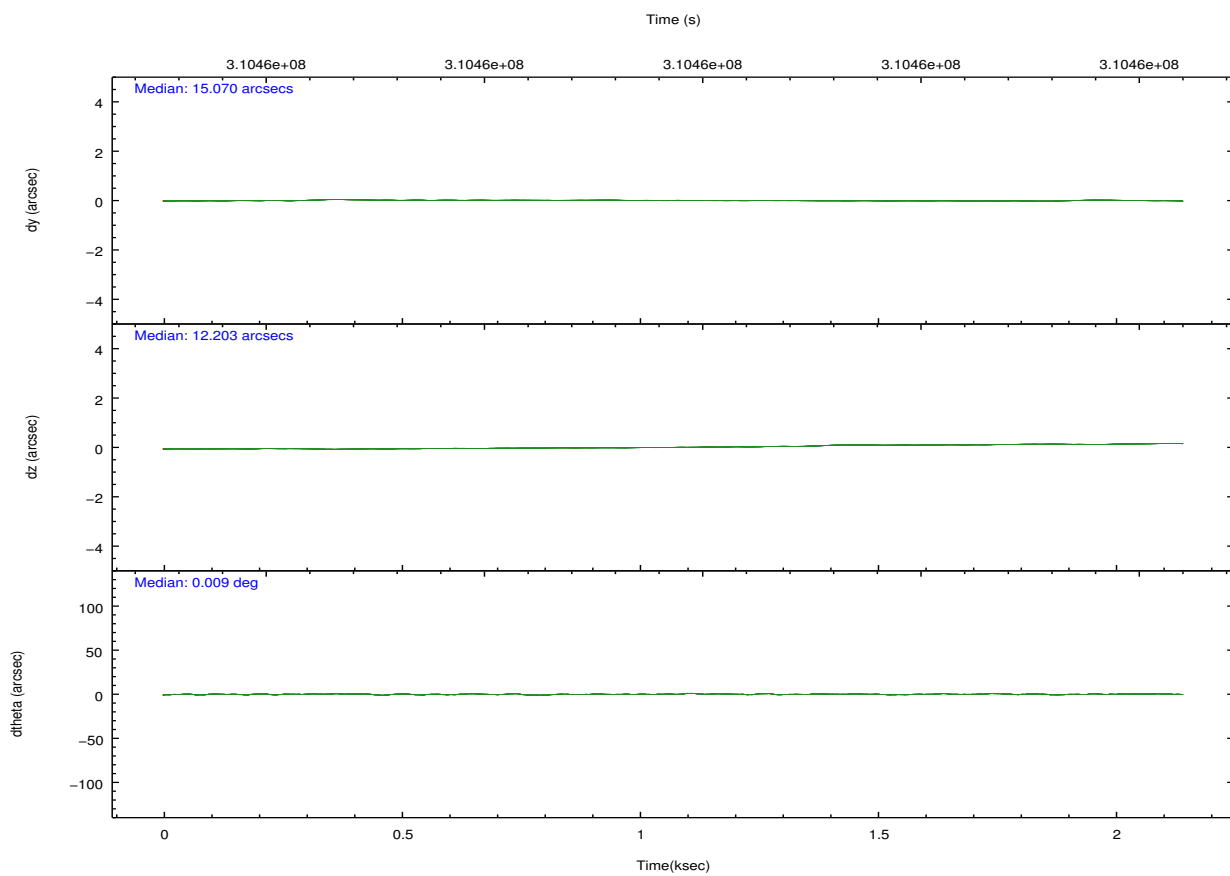
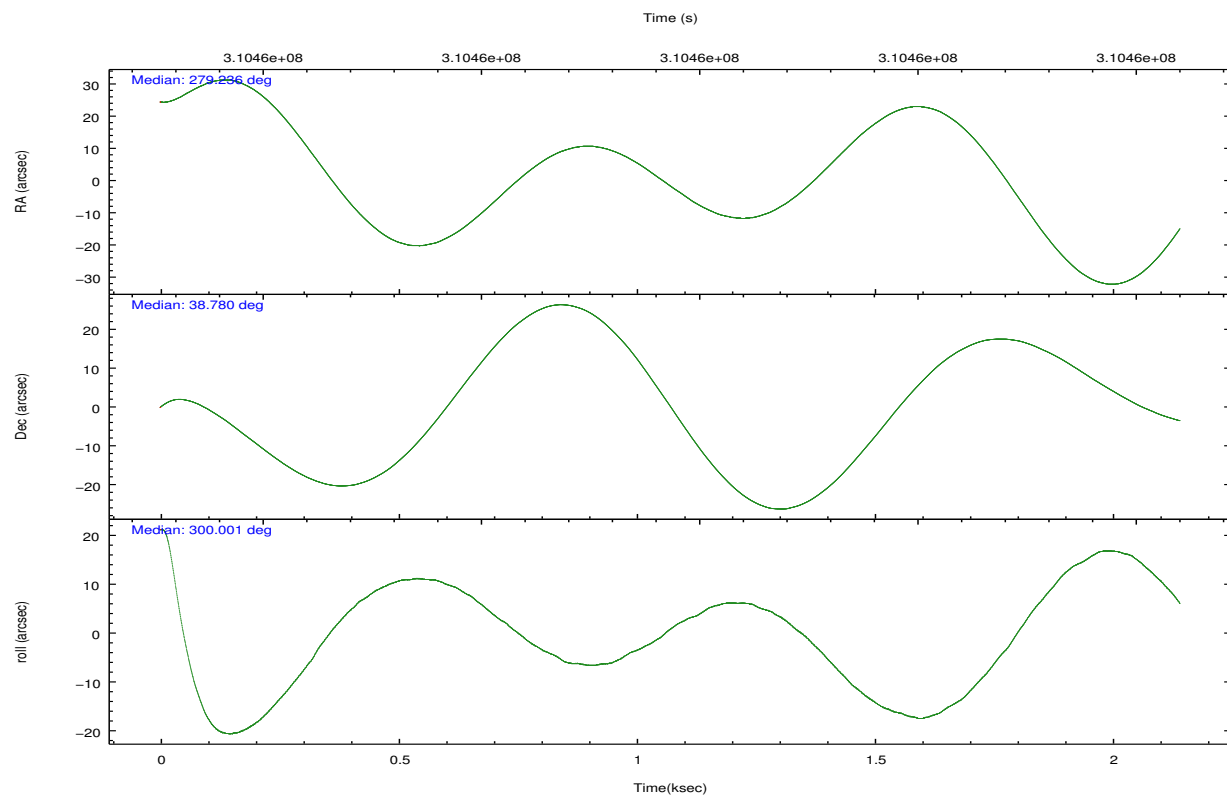
	segment 0
level 1 events	269907
rejected events	80551
rejected %	29%

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	279.205169	279.235840103819			
[deg] Pointing Dec	38.792638	38.77955544091484			
[deg] Pointing Roll	300.123491	300.0089982230238			
[s] Window start time (MET)	304992065.184000	304992065.184000			
[s] Window stop time (MET)	312768065.184000	312768065.184000			
[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)	310459500.184000	310458470.23265			
Observation start date	2007-11-03T06:43:55	2007-11-03T06:27:50			
[s] Observation end time (MET)	310461500.184000	310461635.43281			
Observation end date	2007-11-03T07:17:15	2007-11-03T07:20:35			

2.3 Aspect



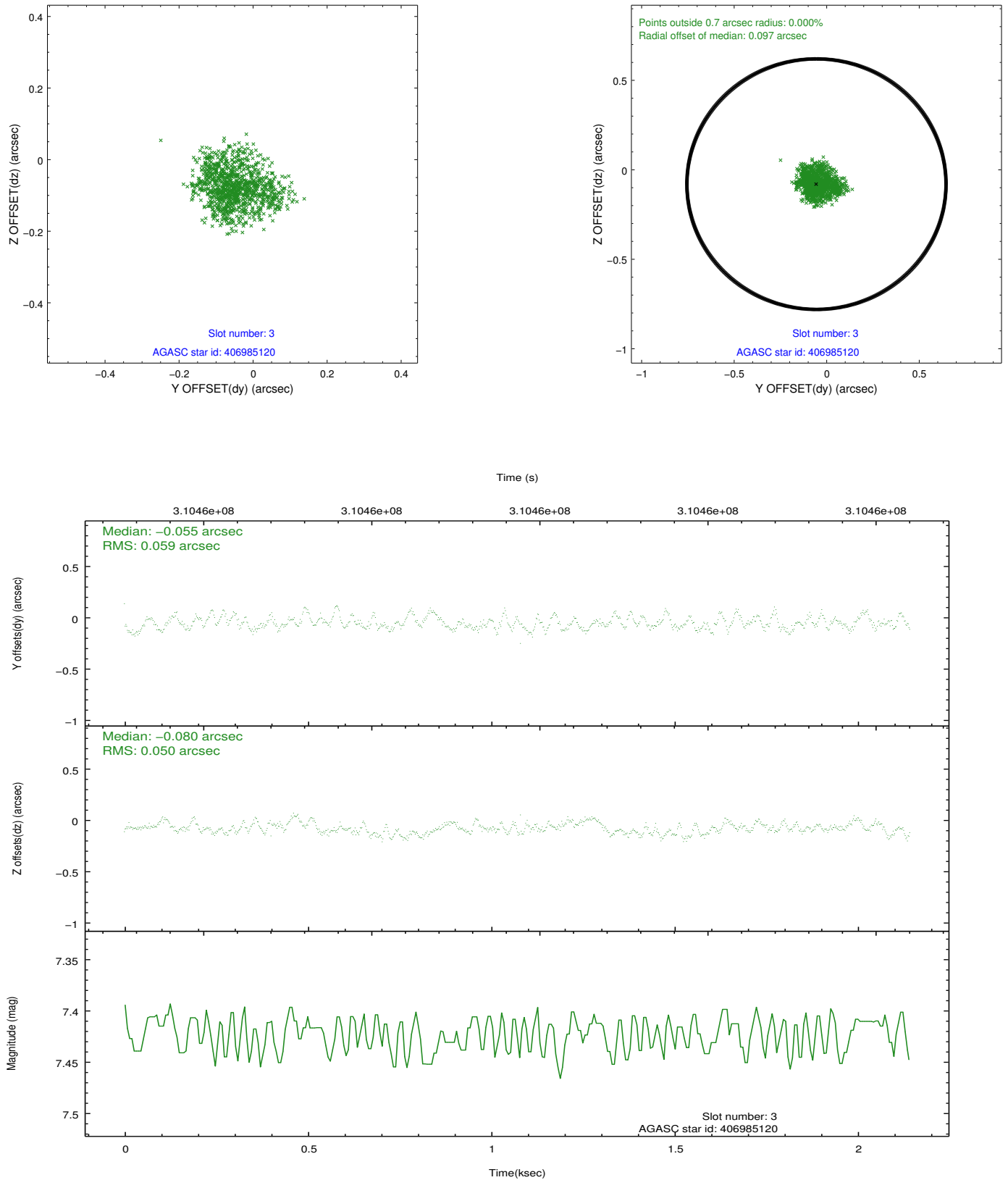


Slot Statistics

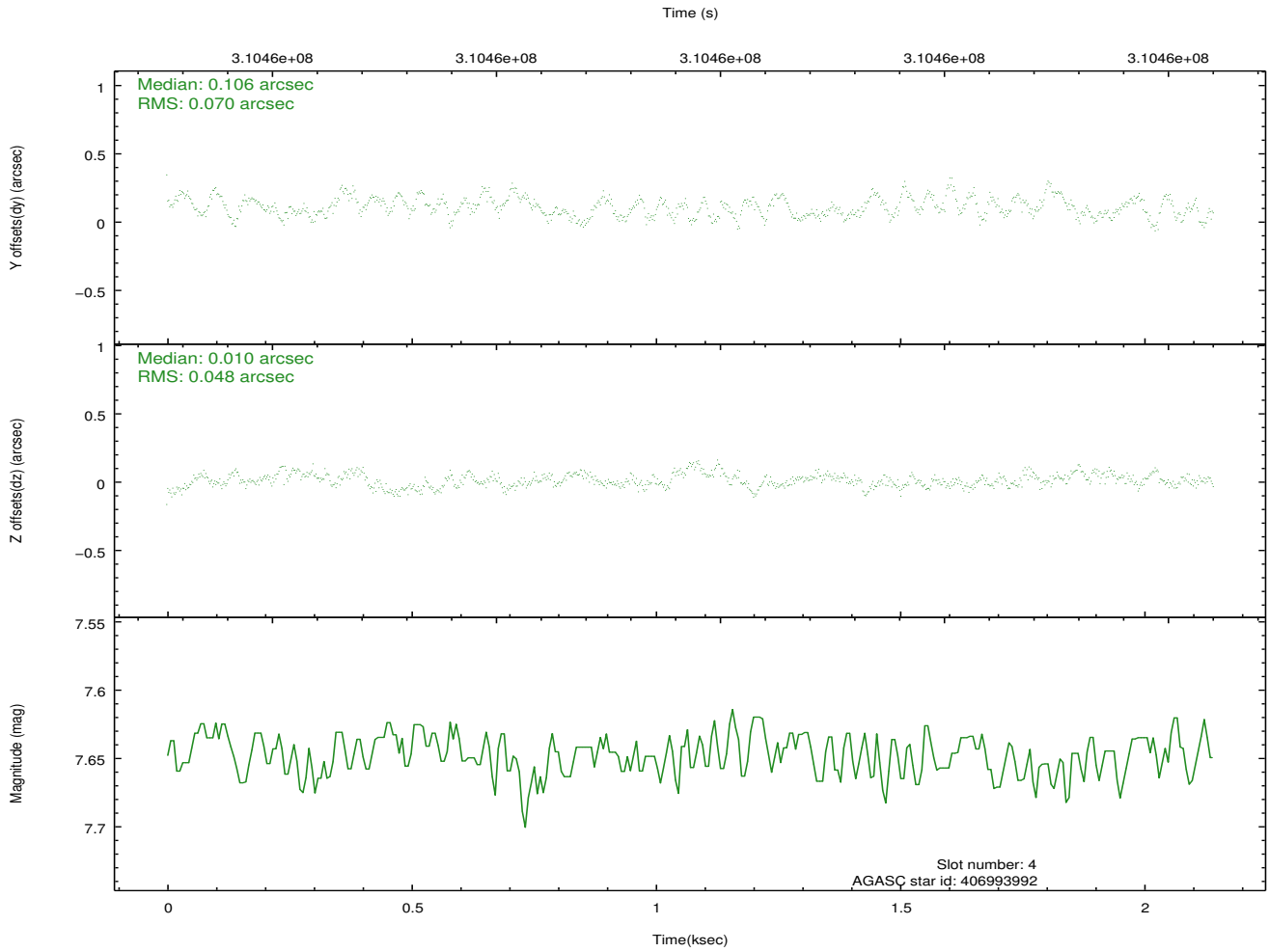
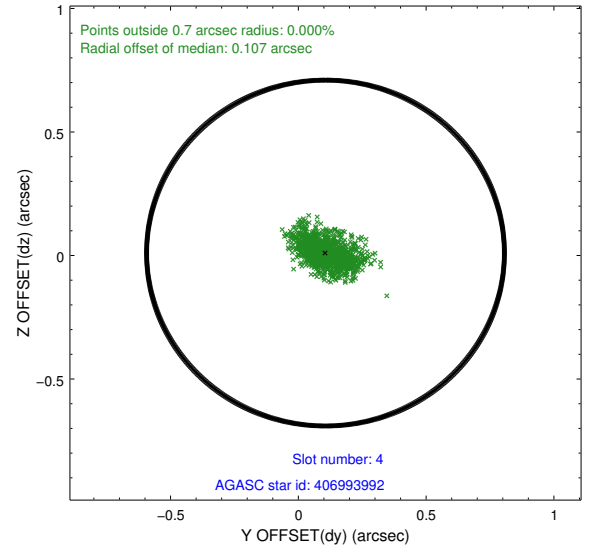
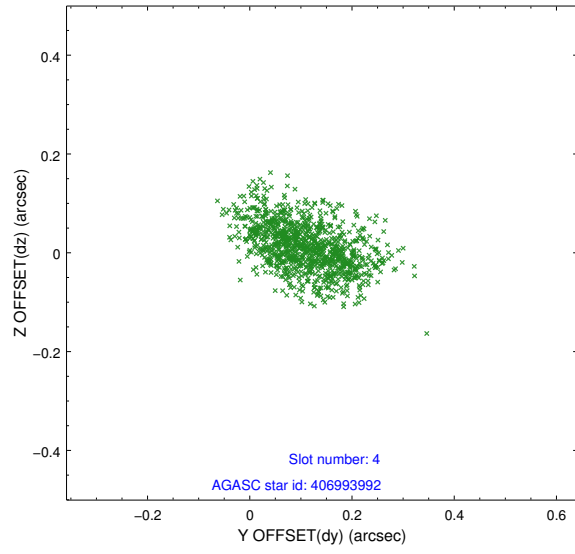
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.99	523	0.122	-0.085	0.006	0.010	0.000000	0.000000	841.87	-1301.89
1	FID	HRC-I-3	7.04	523	-0.103	0.058	0.006	0.009	0.000000	0.000000	-1197.85	1001.91
2	FID	HRC-I-4	6.97	523	0.100	-0.060	0.007	0.010	0.000000	0.000000	1269.73	1003.79
3	GUIDE	406985120	7.42	1046	-0.055	-0.080	0.086	0.128	278.839732	38.894839	-833.59	-699.99
4	GUIDE	406993992	7.65	1046	0.106	0.010	0.091	0.147	279.053714	38.034587	2144.72	-1740.93
5	GUIDE	406987272	6.95	1046	-0.157	0.082	0.057	0.094	278.536588	38.437504	155.69	-2270.24
6	GUIDE	406989616	8.22	1046	0.073	0.040	0.069	0.115	279.202881	38.520843	843.61	-498.50
7	GUIDE	407521232	8.65	1045	0.024	-0.053	0.086	0.136	279.628883	39.431715	-1400.32	2174.54

2.4 Star Slots

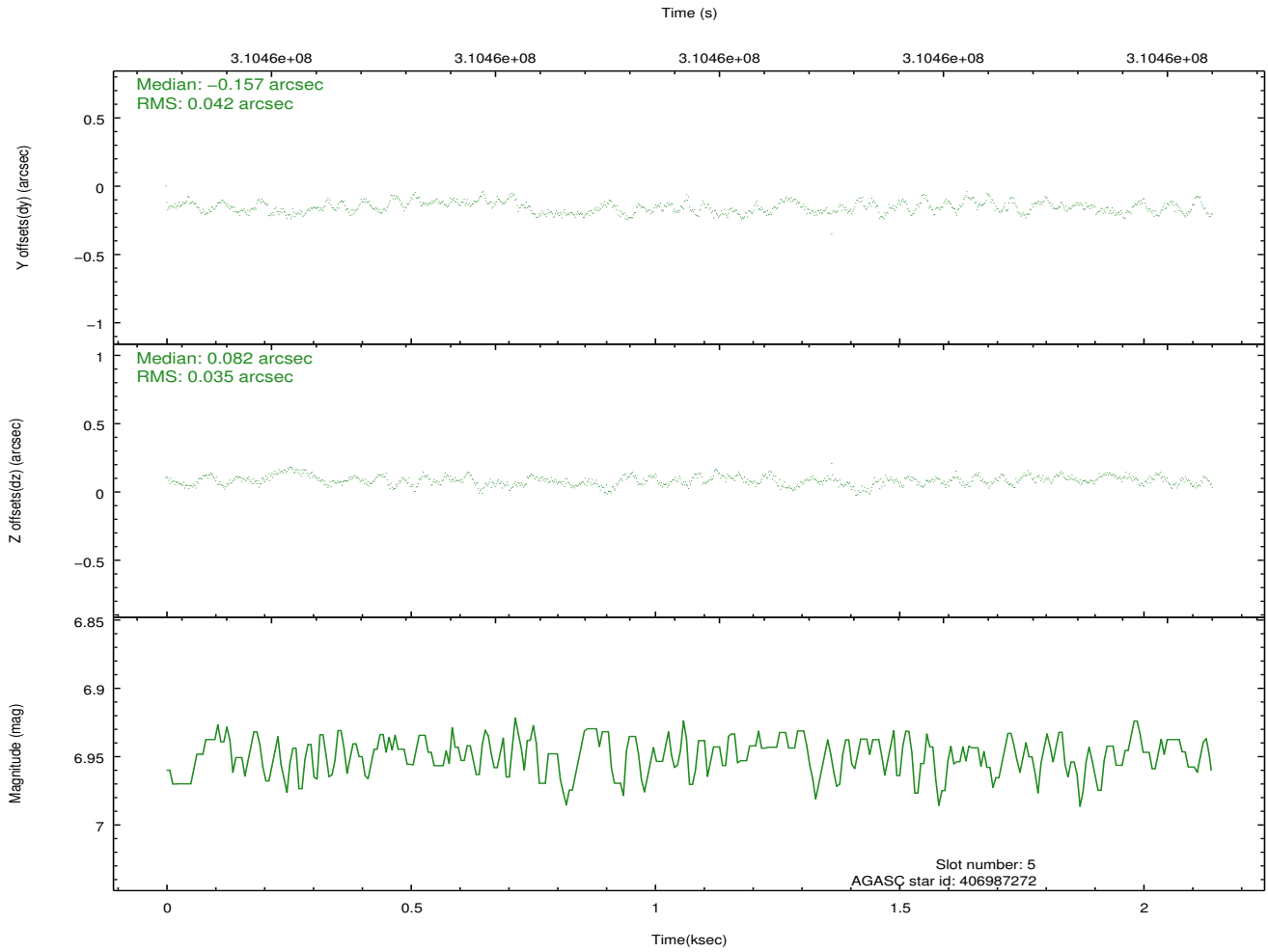
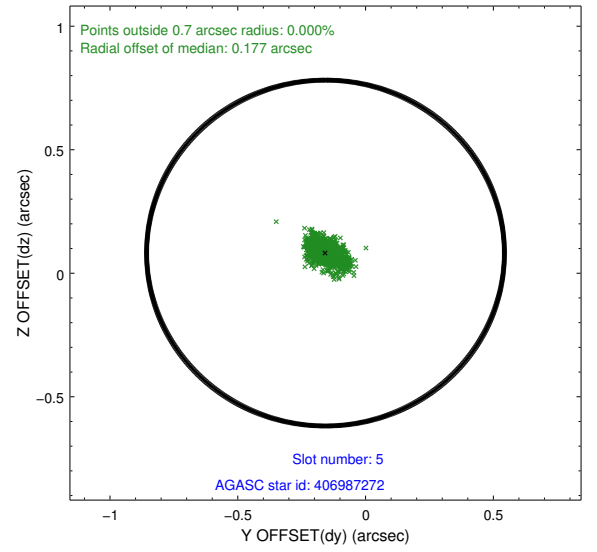
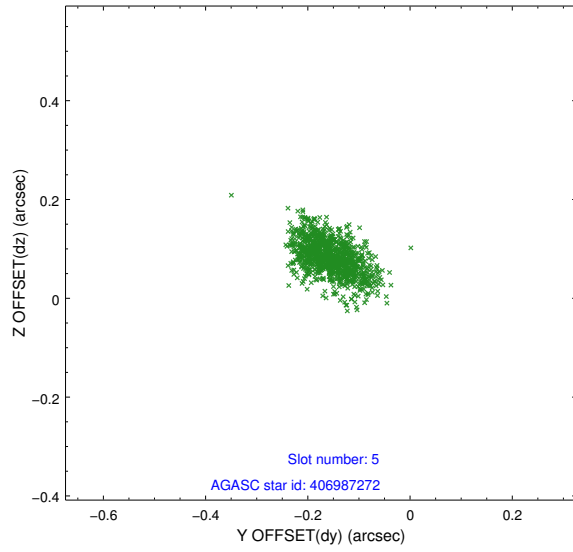
2.4.1 Slot 3



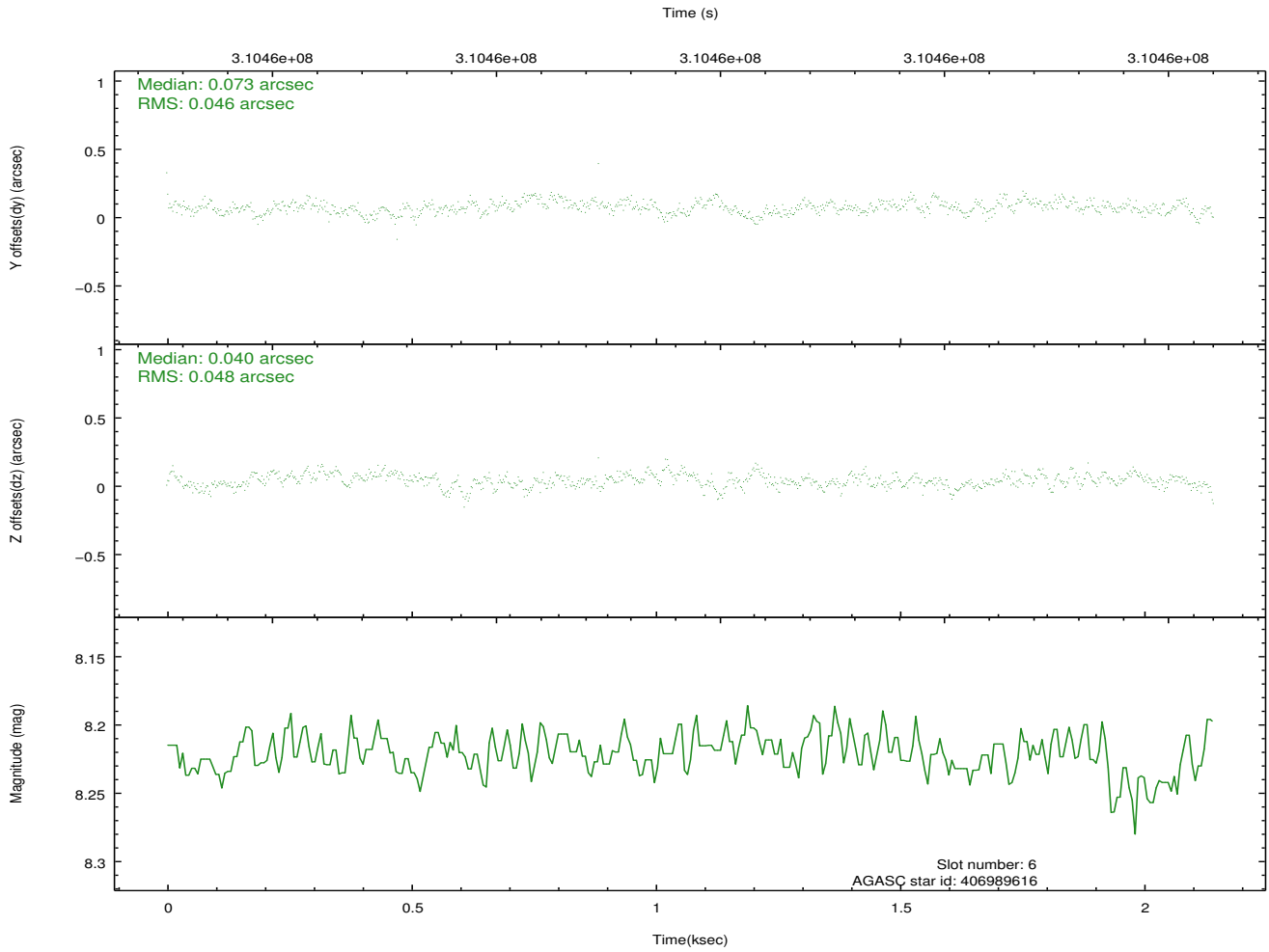
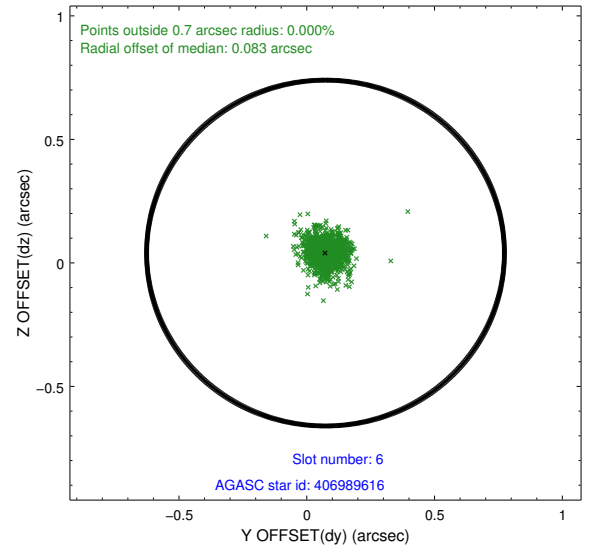
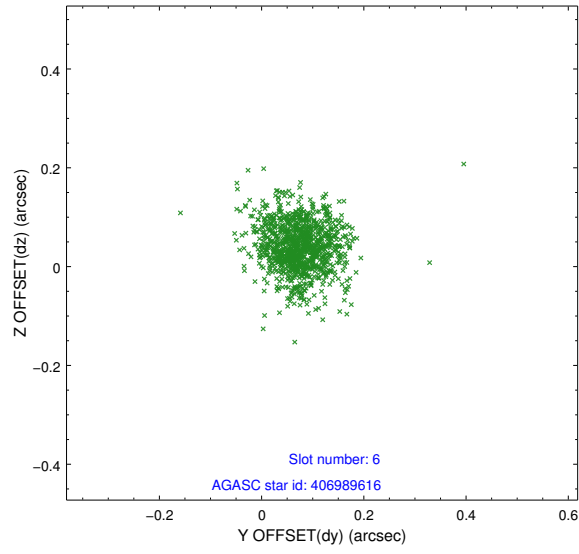
2.4.2 Slot 4



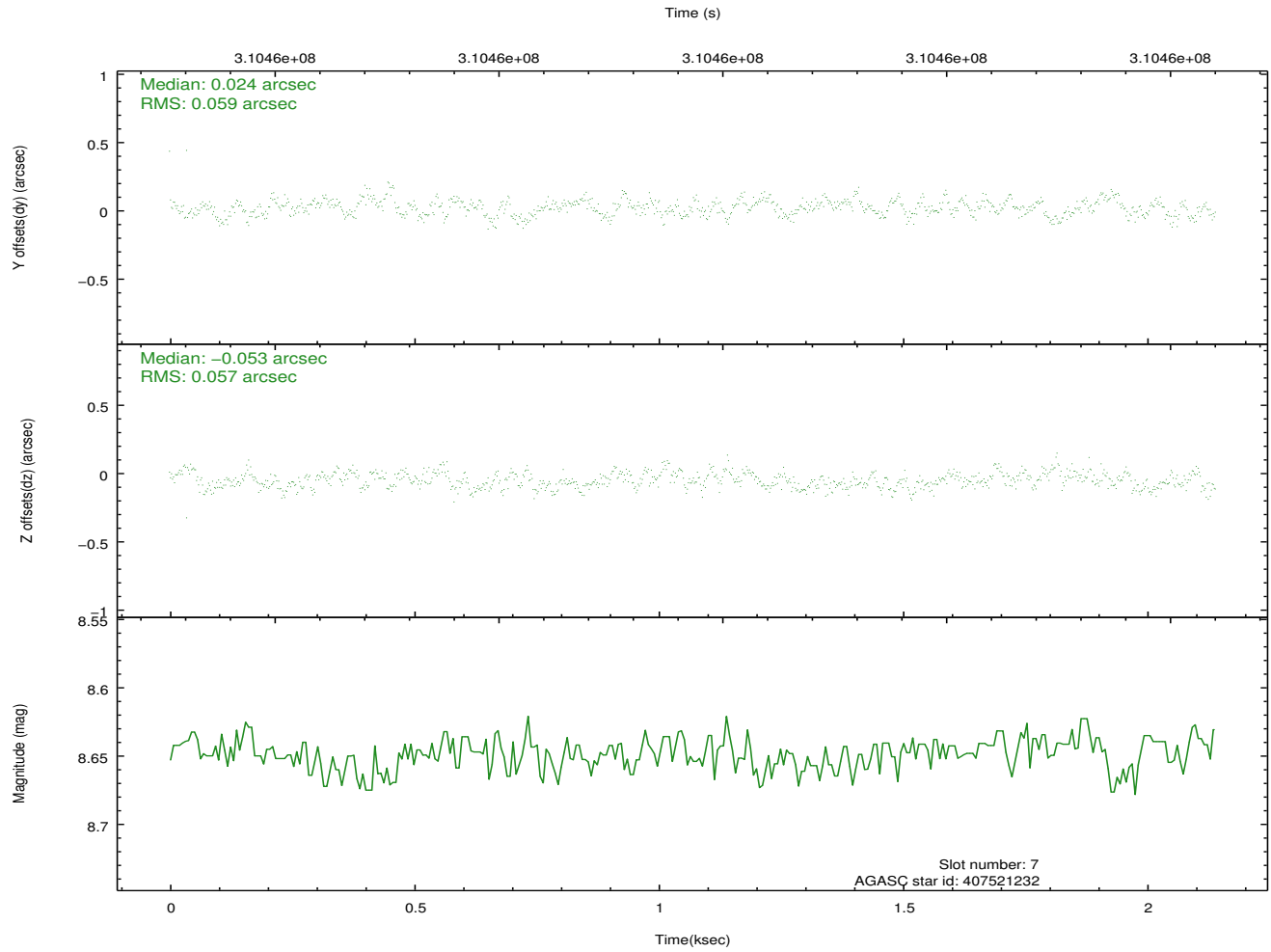
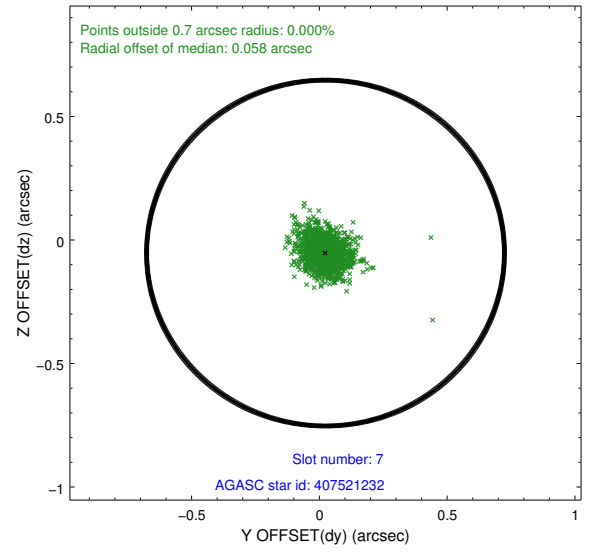
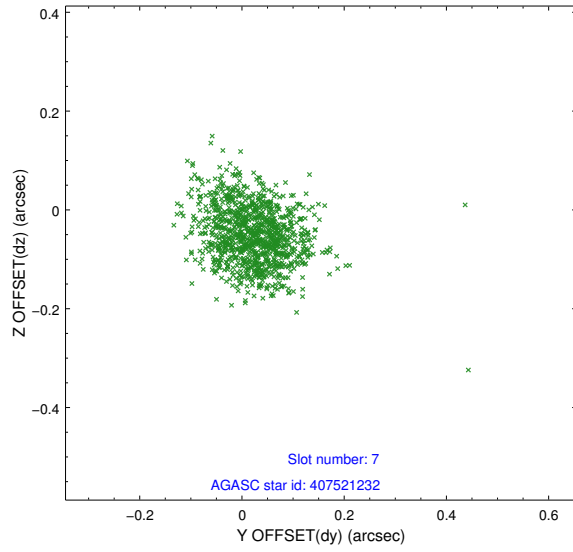
2.4.3 Slot 5



2.4.4 Slot 6

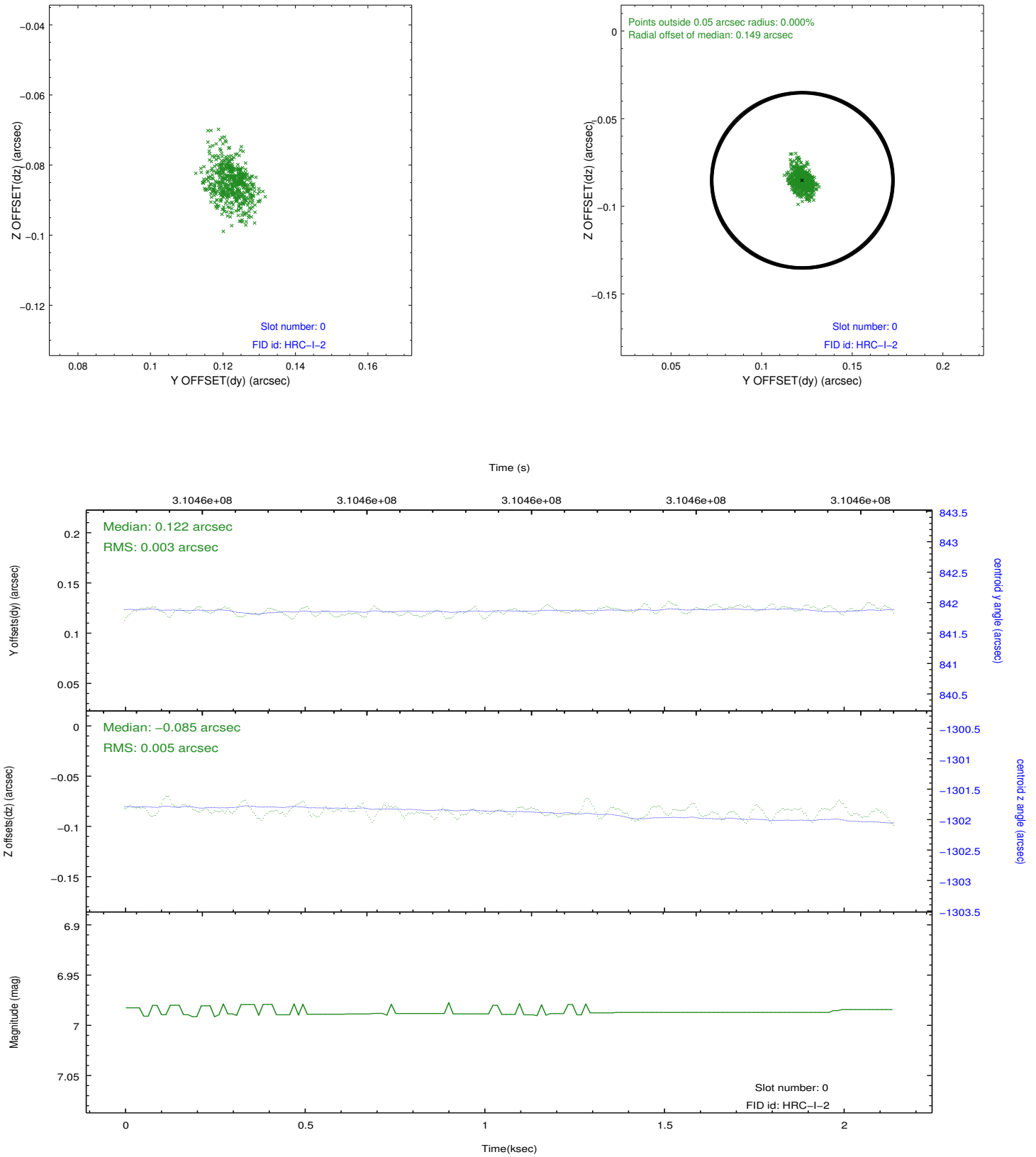


2.4.5 Slot 7

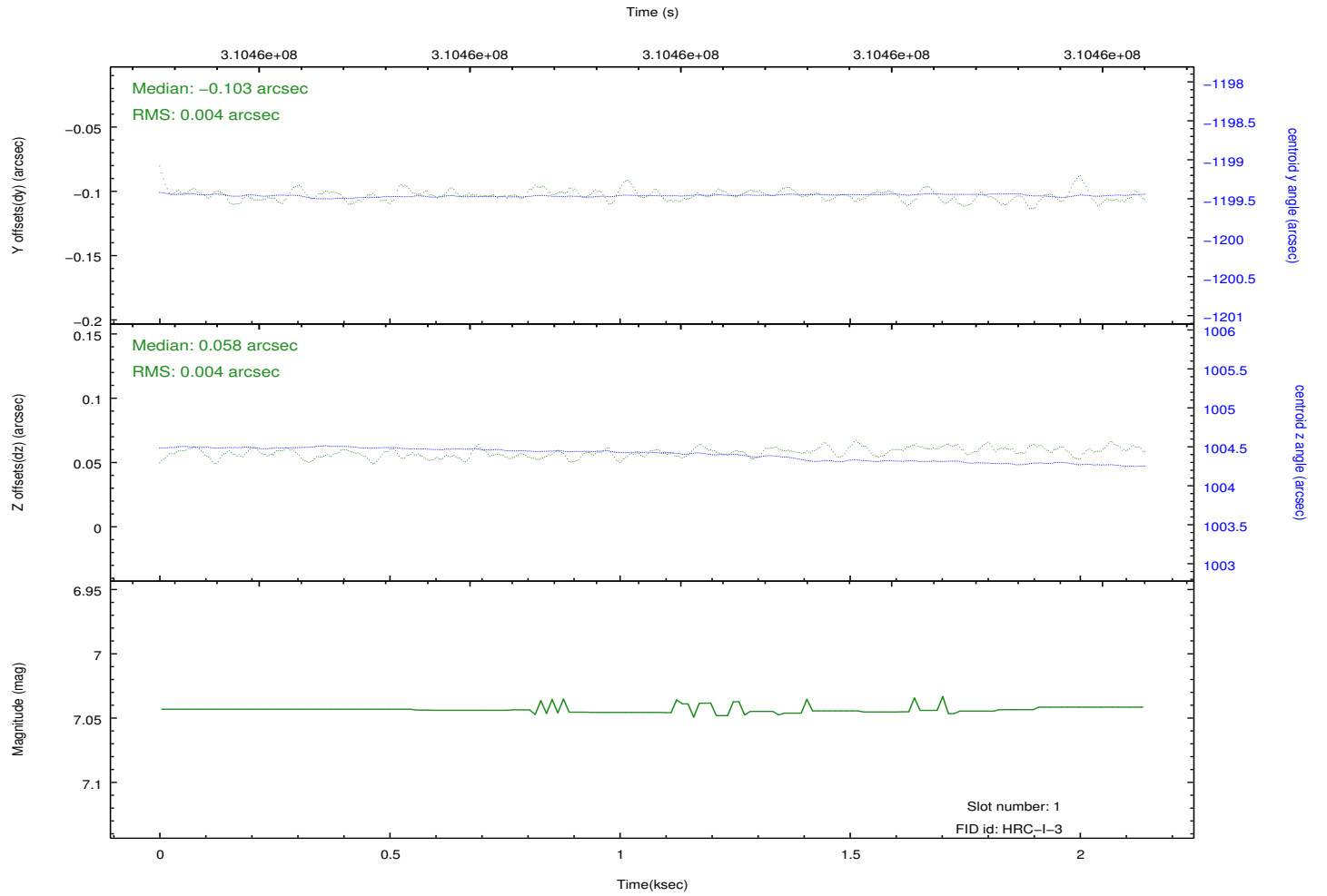
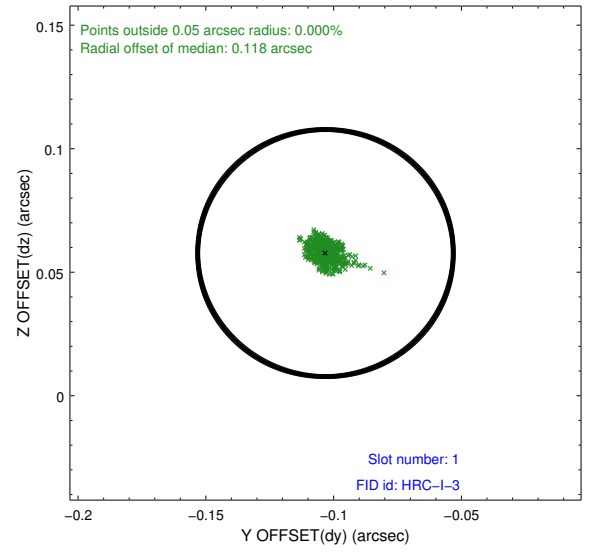
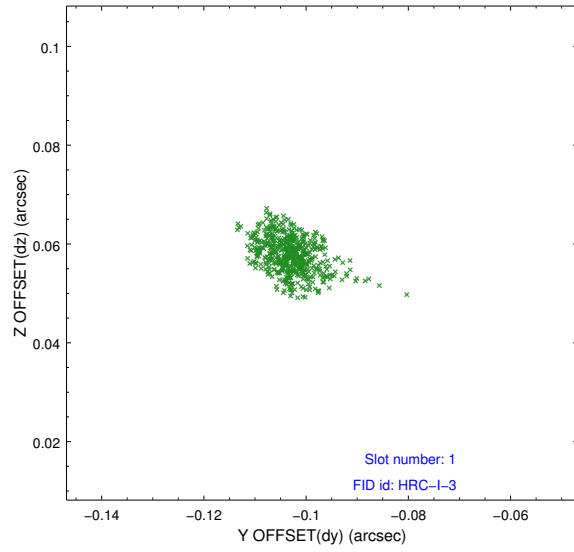


2.5 FID Slots

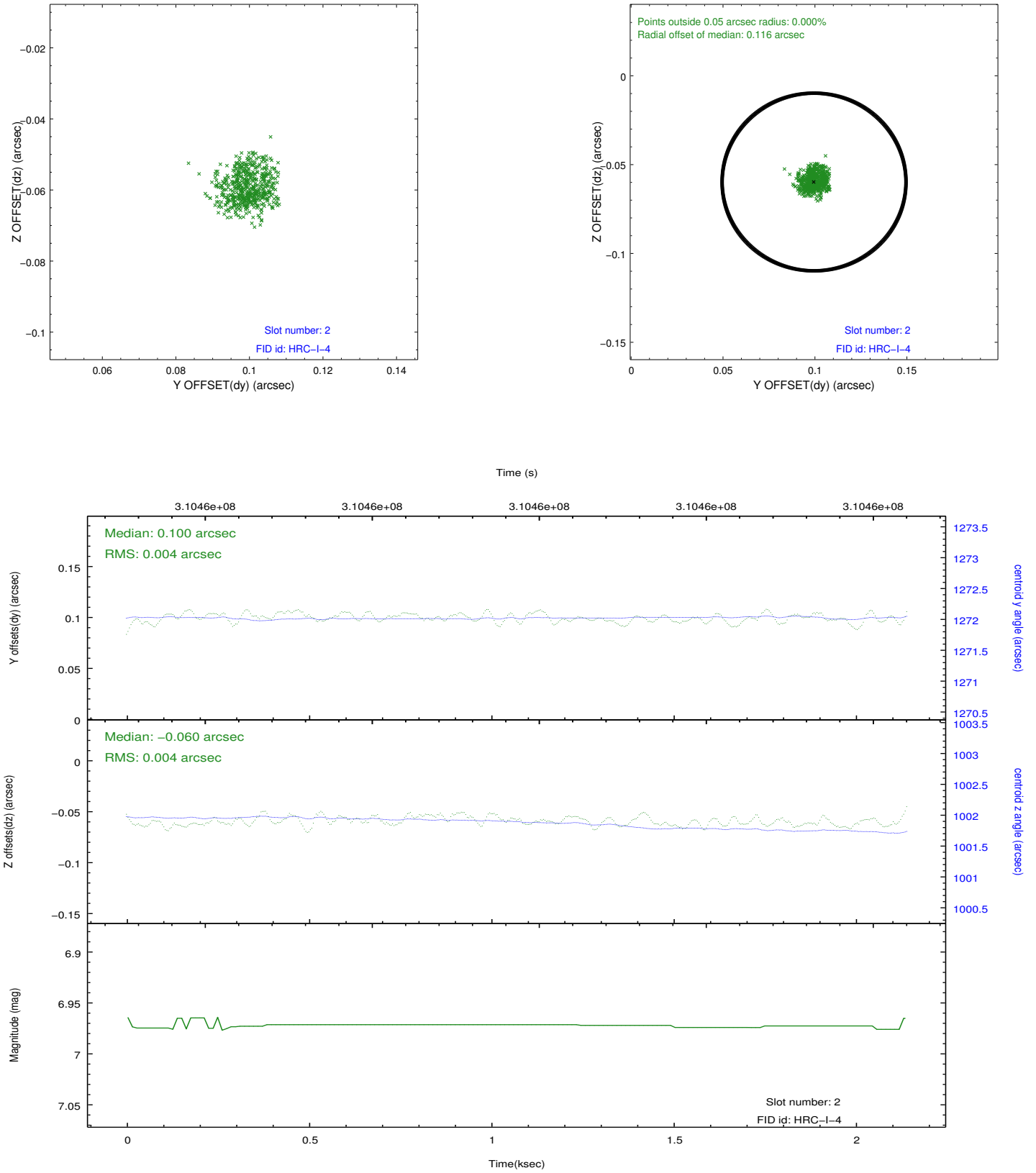
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.14148135

A.2 Comments

Window constraint met.