

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6466 - L2 Version 4
Chandra X-Ray Center

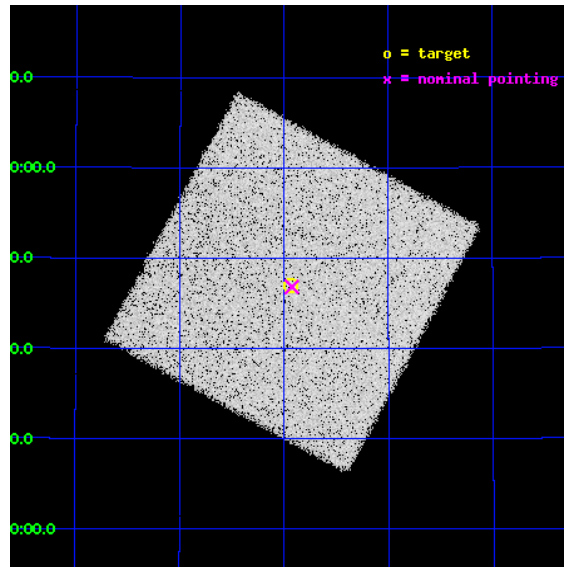
L2 Processing Date : Aug 11 2012

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1 Front

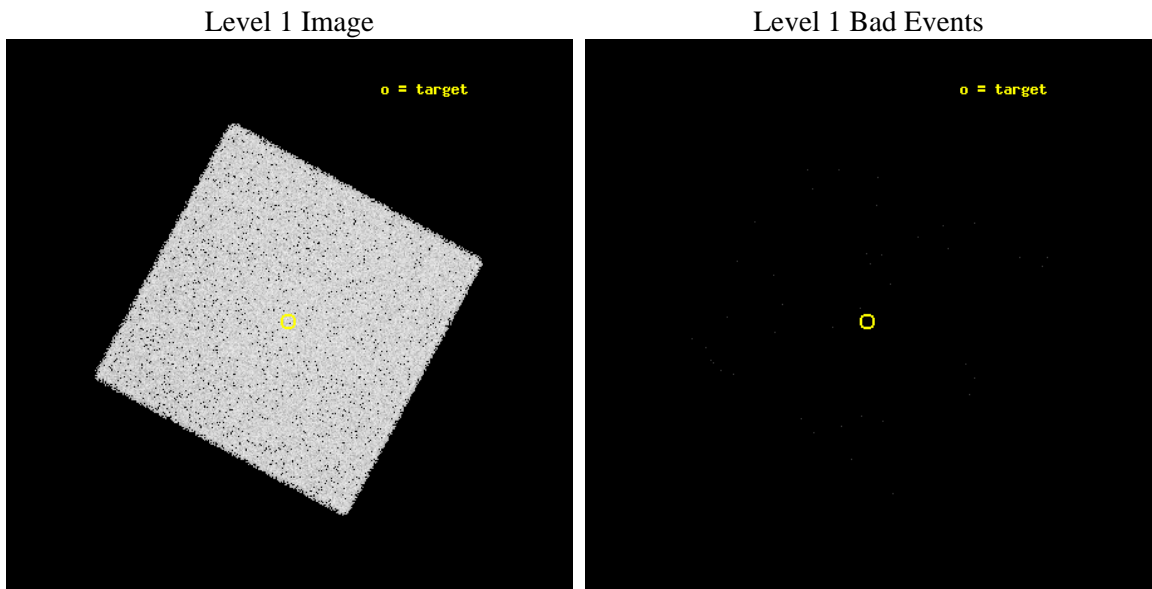
seq_num	290559	Sequence number
obs_id	6466	Observation id
title	AO7 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23133588732	Nominal RA [deg]
dec_nom	38.780598654925	Nominal Dec [deg]
roll_nom	253.60624531072	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2187.3501028419	[s]
liveltime	2166.2606087171	Ontime multiplied by DTCOR
l2events	127916	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	2187.3501028419	[s]
caldbver	4.5.1.1	 	l1events	284012	Number of level 1 events
date	2012-08-11T10:12:26	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

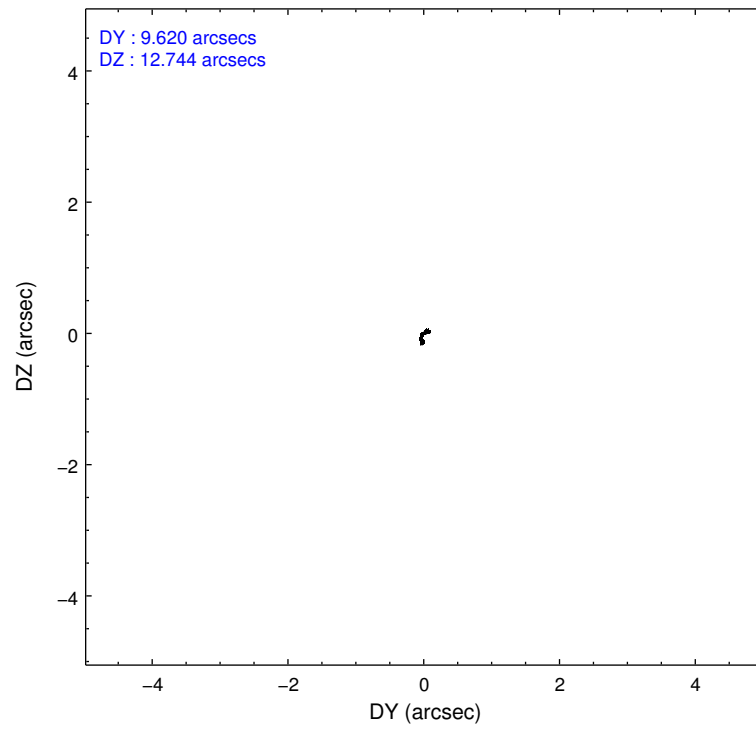
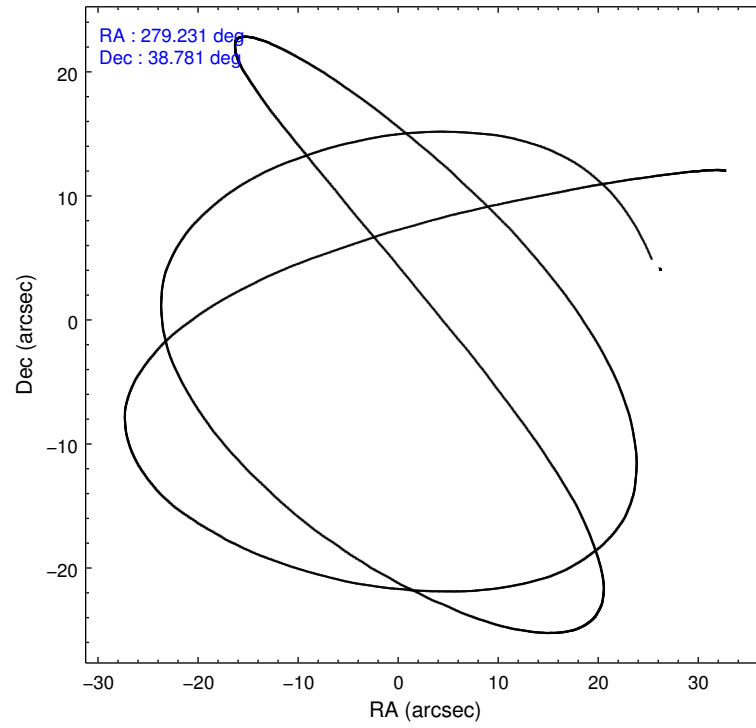
Level 1 Events

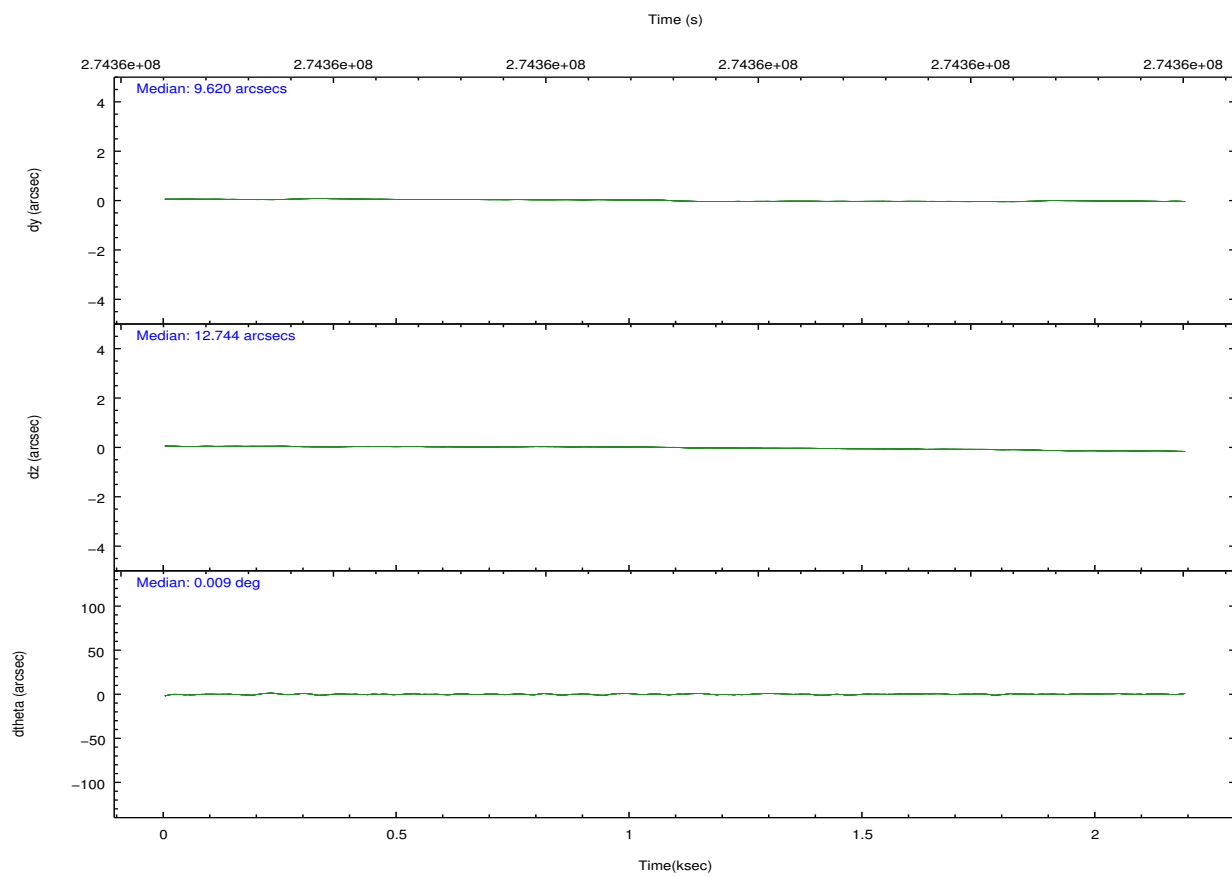
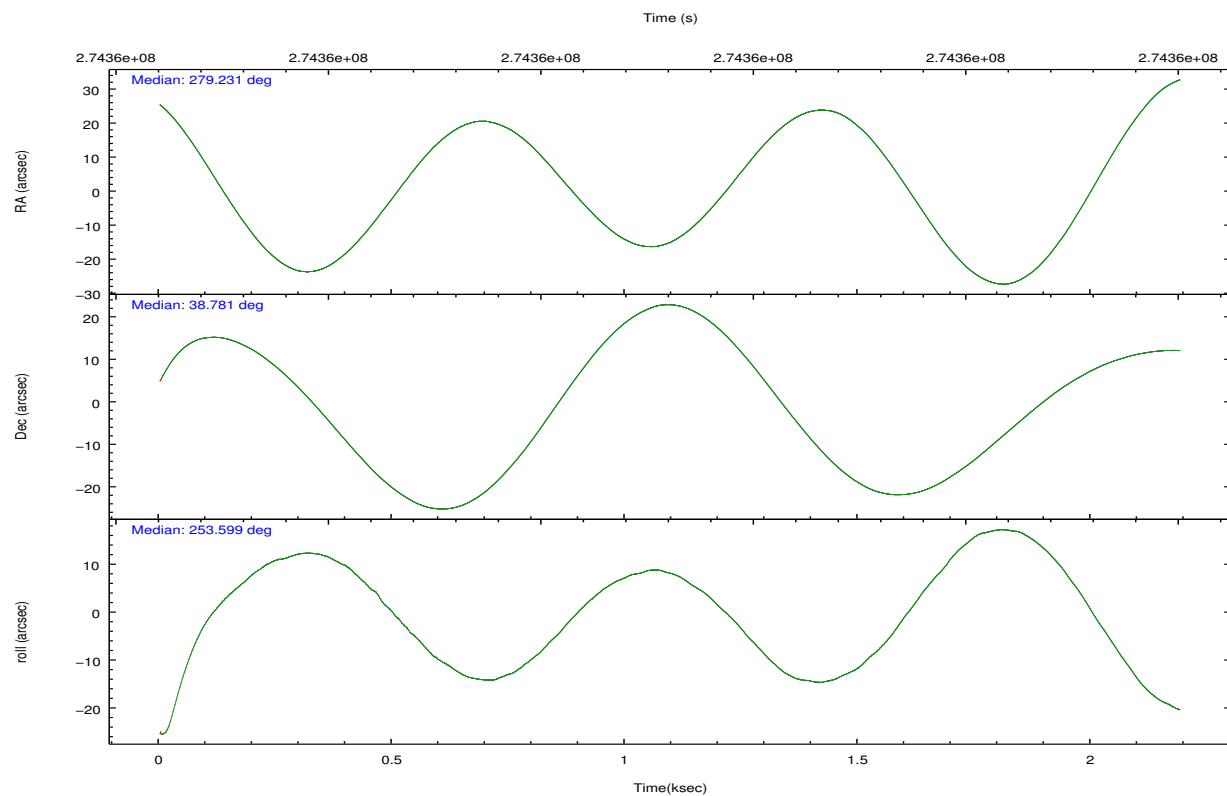
	segment 0
level 1 events	284012
rejected events	98561
rejected %	34%

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	279.222665	279.2313358873213			
[deg] Pointing Dec	38.806728	38.78059865492528			
[deg] Pointing Roll	253.707259	253.6062453107244			
[s] Window start time (MET)	270777665.184000	270777665.184000			
[s] Window stop time (MET)	275961665.184000	275961665.184000			
[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)	274359394.184000	274358350.32518			
Observation start date	2006-09-11T10:55:29	2006-09-11T10:39:10			
[s] Observation end time (MET)	274361394.184000	274361528.85033			
Observation end date	2006-09-11T11:28:49	2006-09-11T11:32:08			

2.3 Aspect



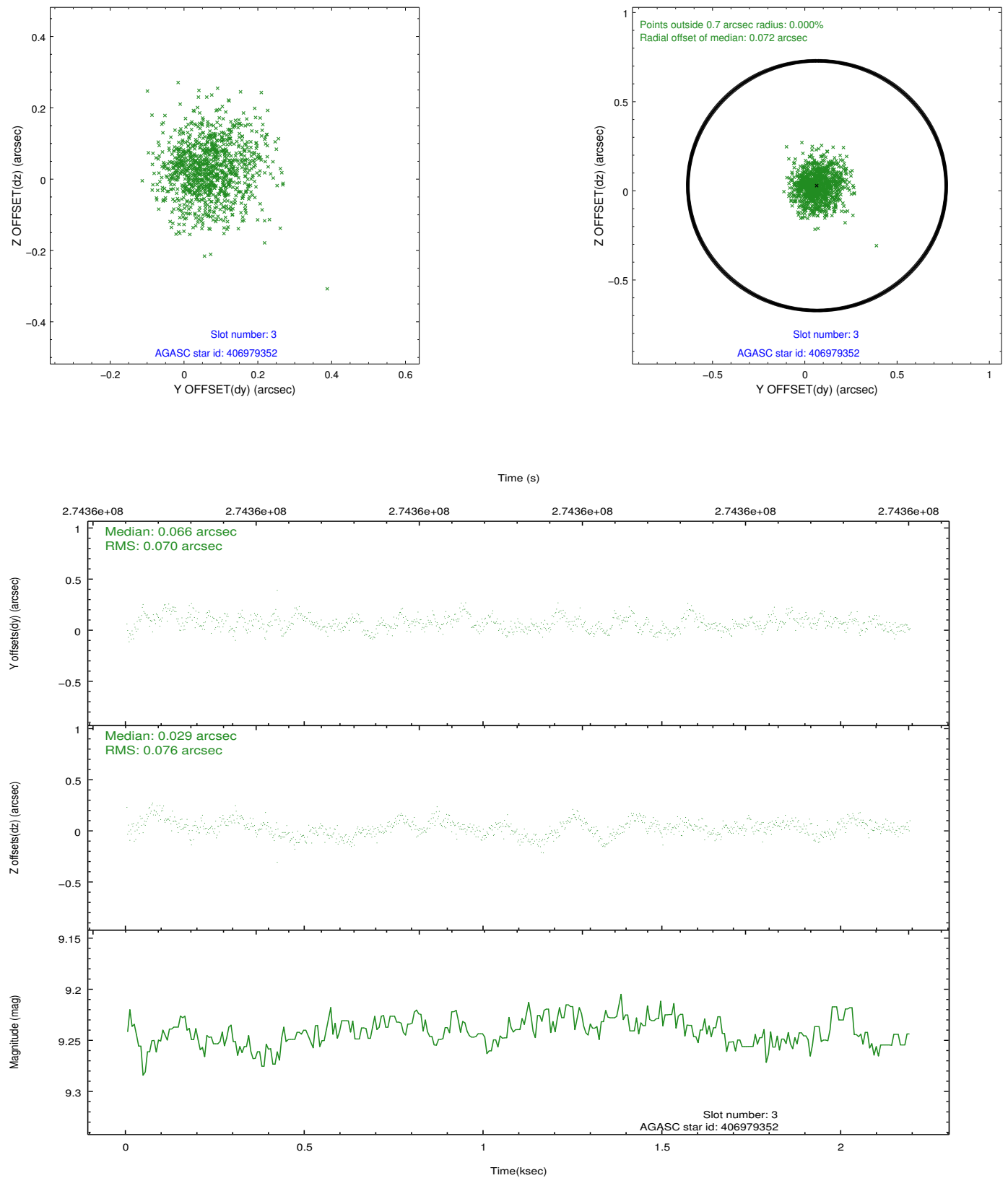


Slot Statistics

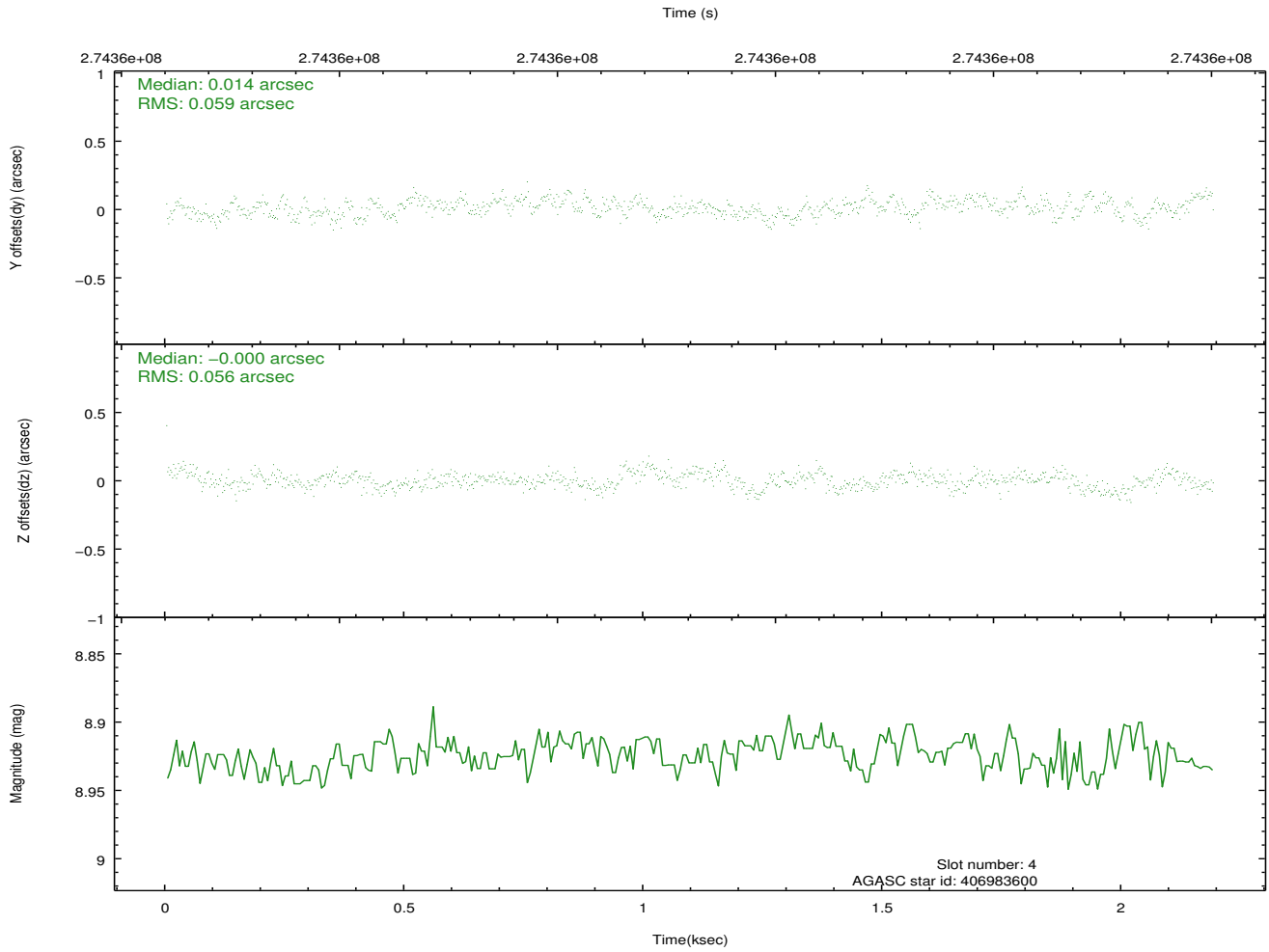
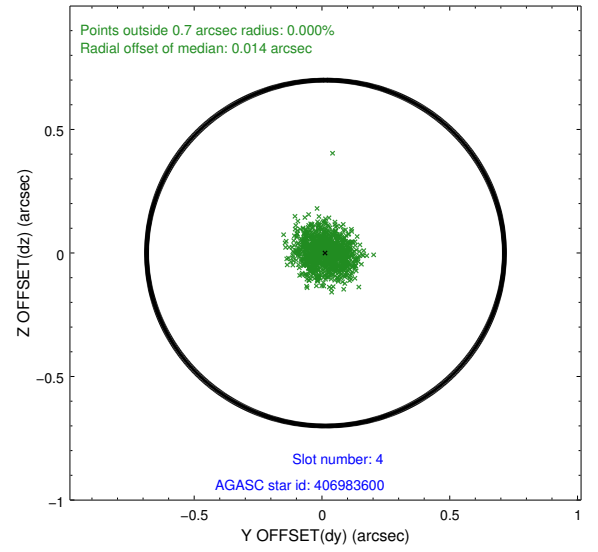
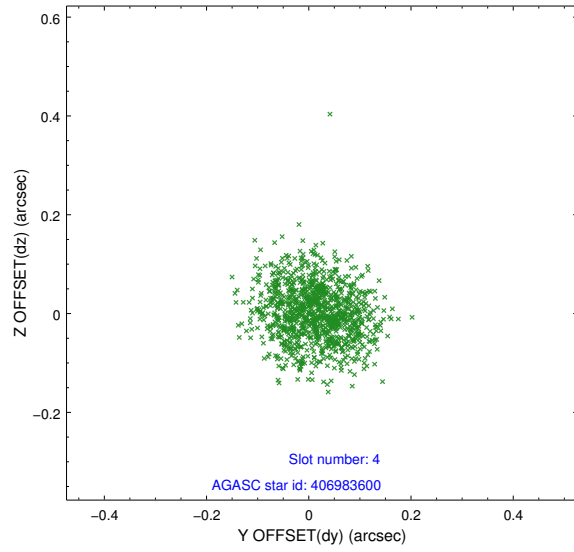
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.04	535	0.120	-0.105	0.006	0.009	0.000000	0.000000	847.46	-1302.41
1	FID	HRC-I-3	7.10	535	-0.092	0.059	0.005	0.009	0.000000	0.000000	-1192.27	1001.47
2	FID	HRC-I-4	7.04	535	0.091	-0.040	0.006	0.009	0.000000	0.000000	1275.38	1003.26
3	GUIDE	406979352	9.24	1068	0.066	0.029	0.110	0.178	279.968297	39.230258	-2053.85	1567.12
4	GUIDE	406983600	8.92	1068	0.014	-0.000	0.088	0.134	279.940957	39.020708	-1312.05	1713.24
5	GUIDE	406987272	6.96	1069	-0.113	0.094	0.067	0.104	278.536588	38.437504	1810.58	-1483.20
6	GUIDE	406990192	9.00	1069	0.165	-0.019	0.081	0.141	278.510952	38.533654	1500.84	-1650.14
7	GUIDE	407510432	8.12	1068	-0.136	-0.103	0.080	0.137	278.762778	39.530640	-2144.49	-1958.47

2.4 Star Slots

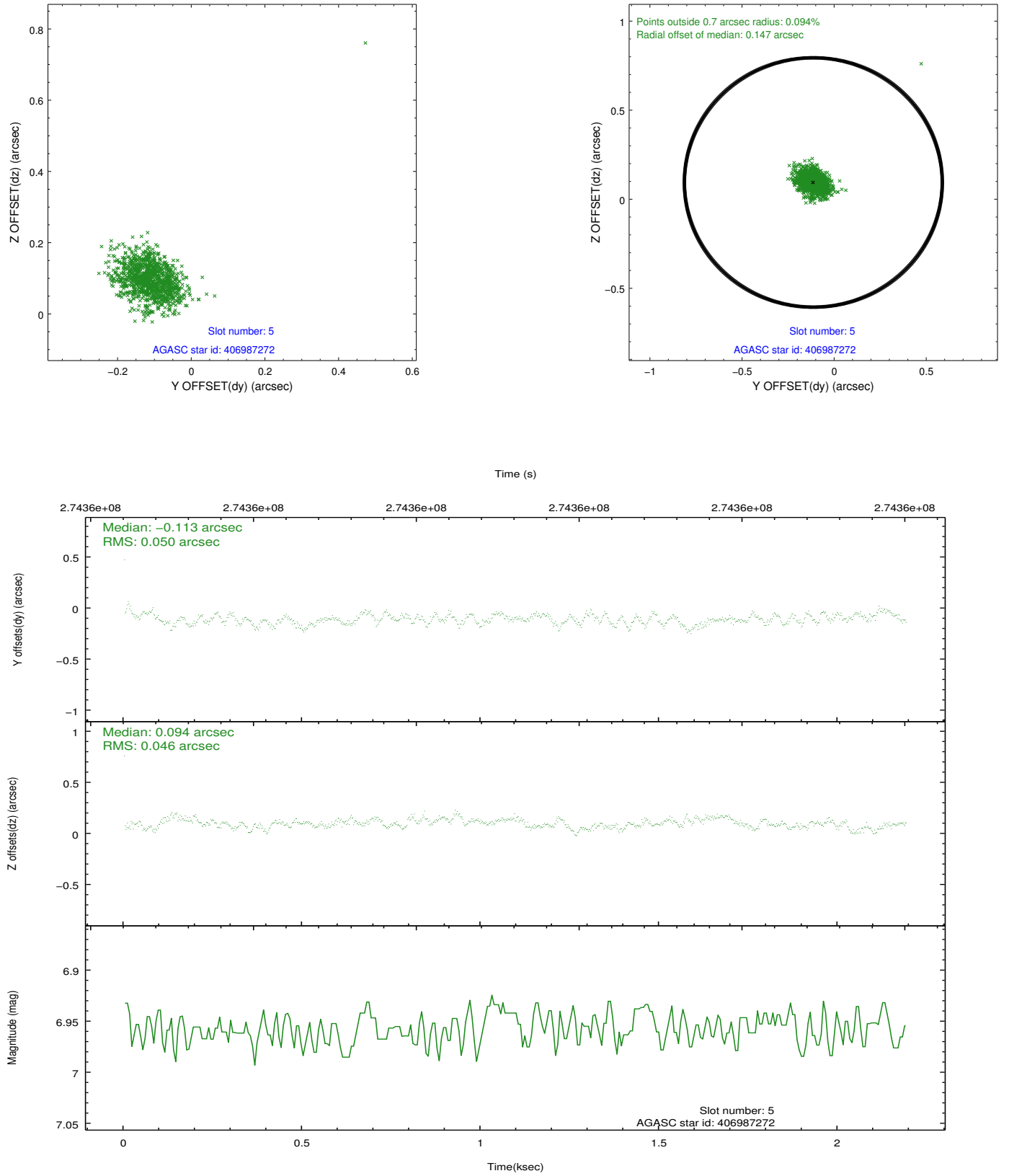
2.4.1 Slot 3



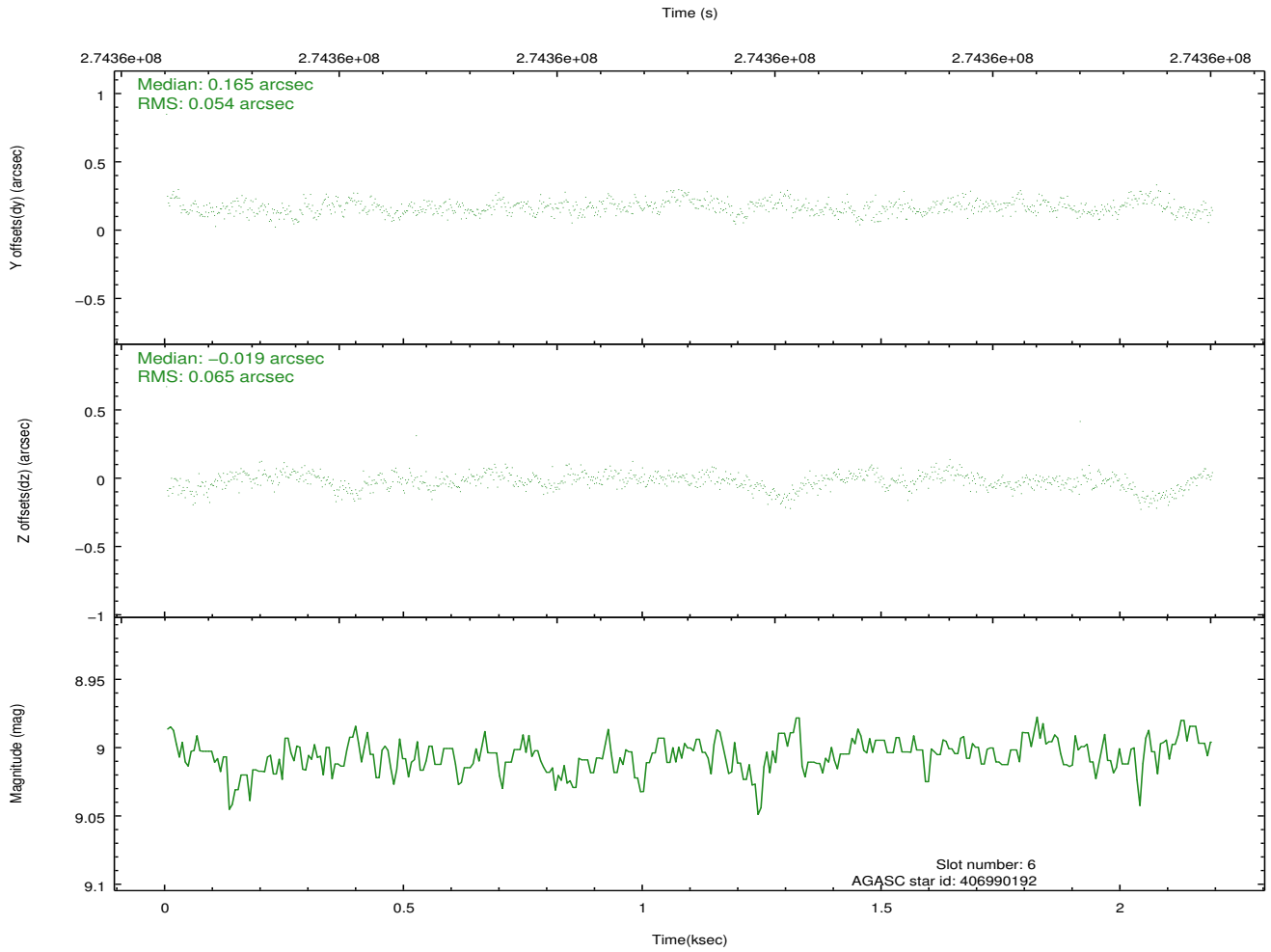
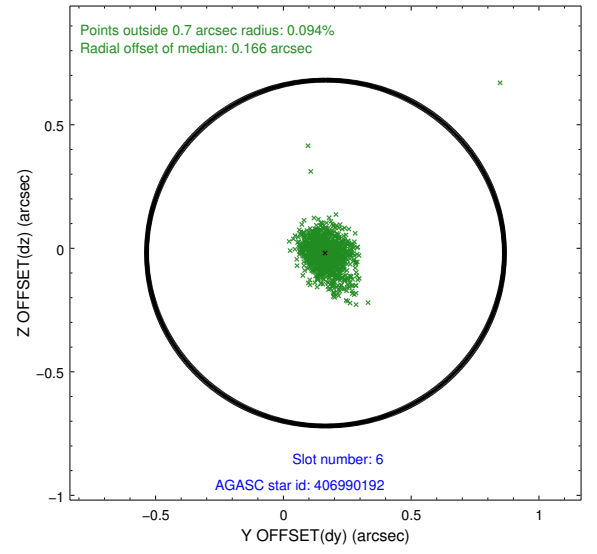
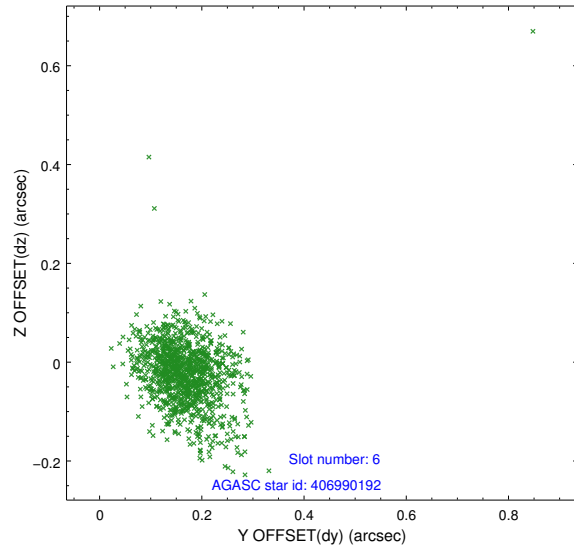
2.4.2 Slot 4



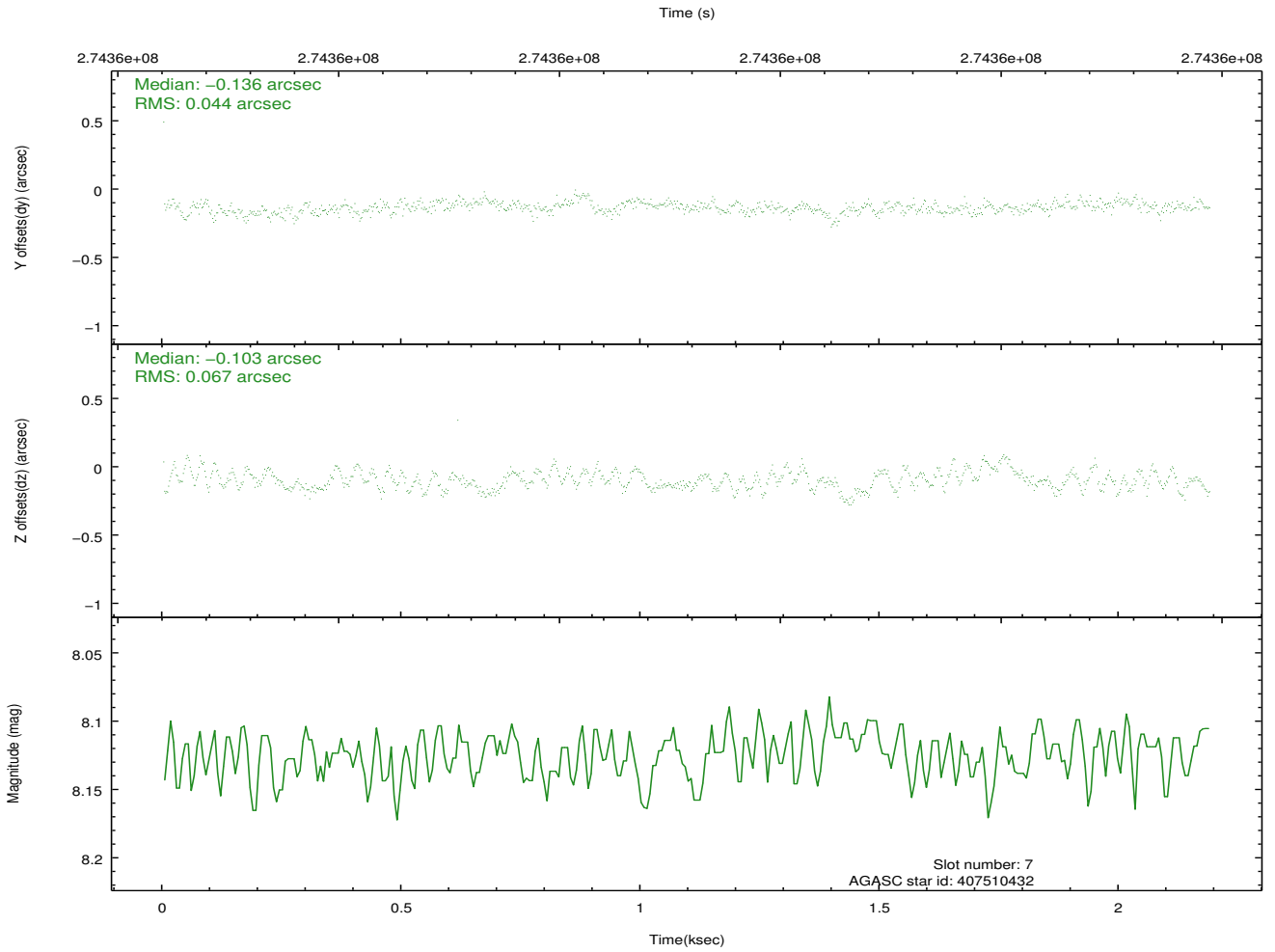
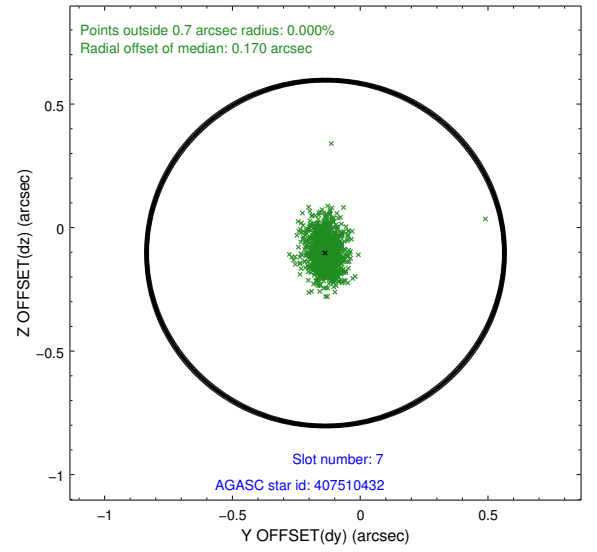
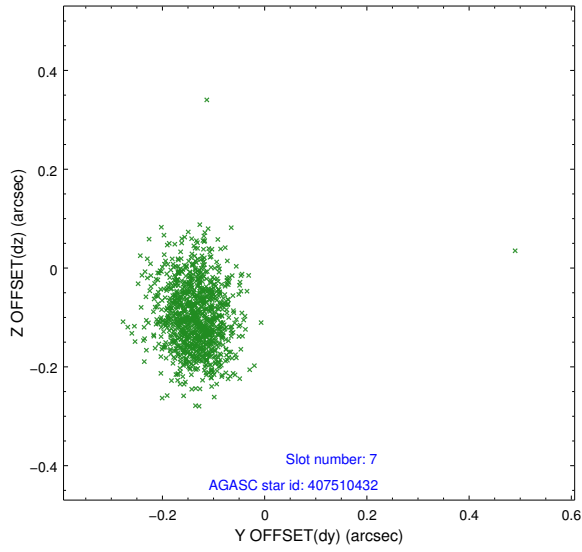
2.4.3 Slot 5



2.4.4 Slot 6

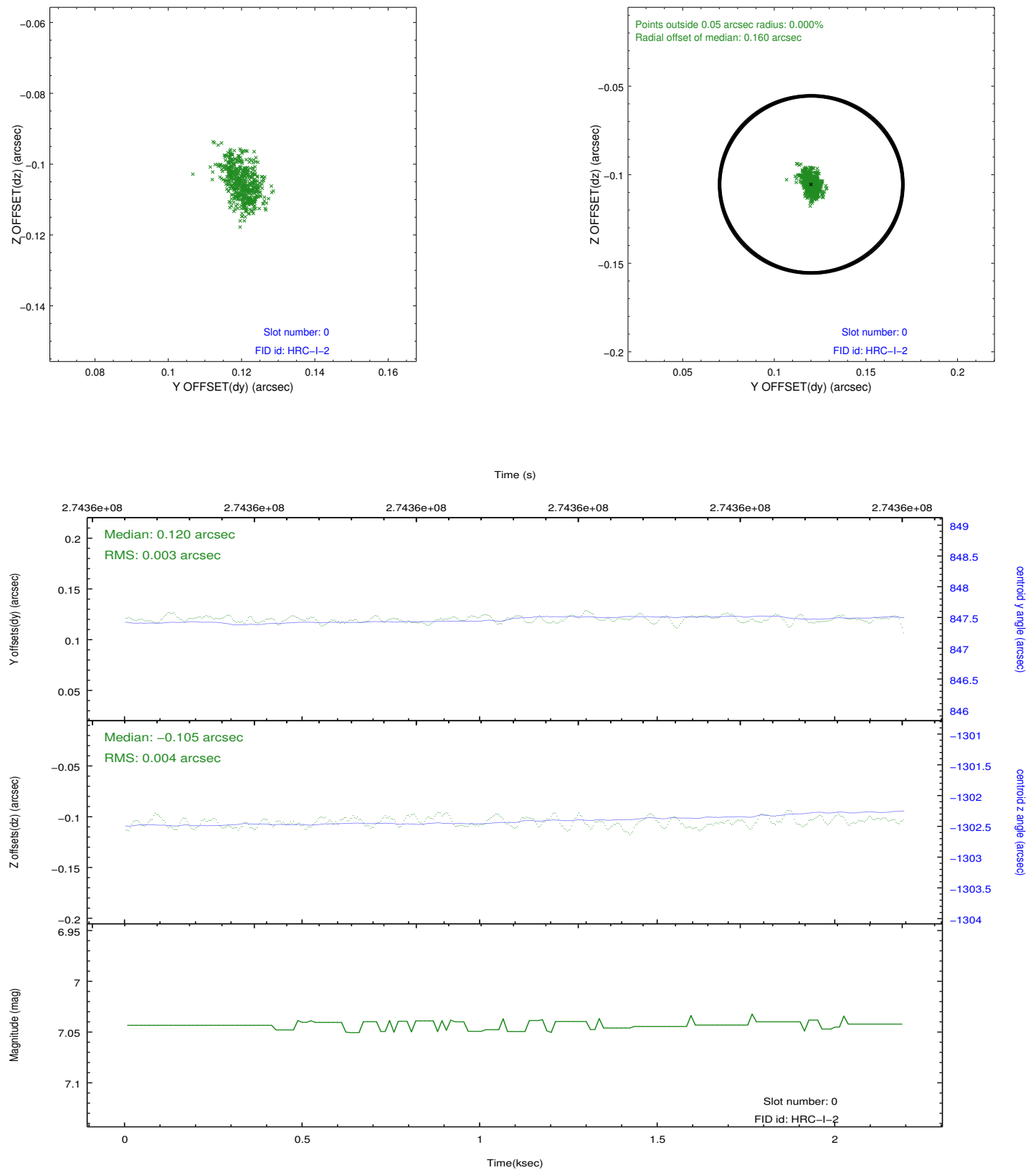


2.4.5 Slot 7

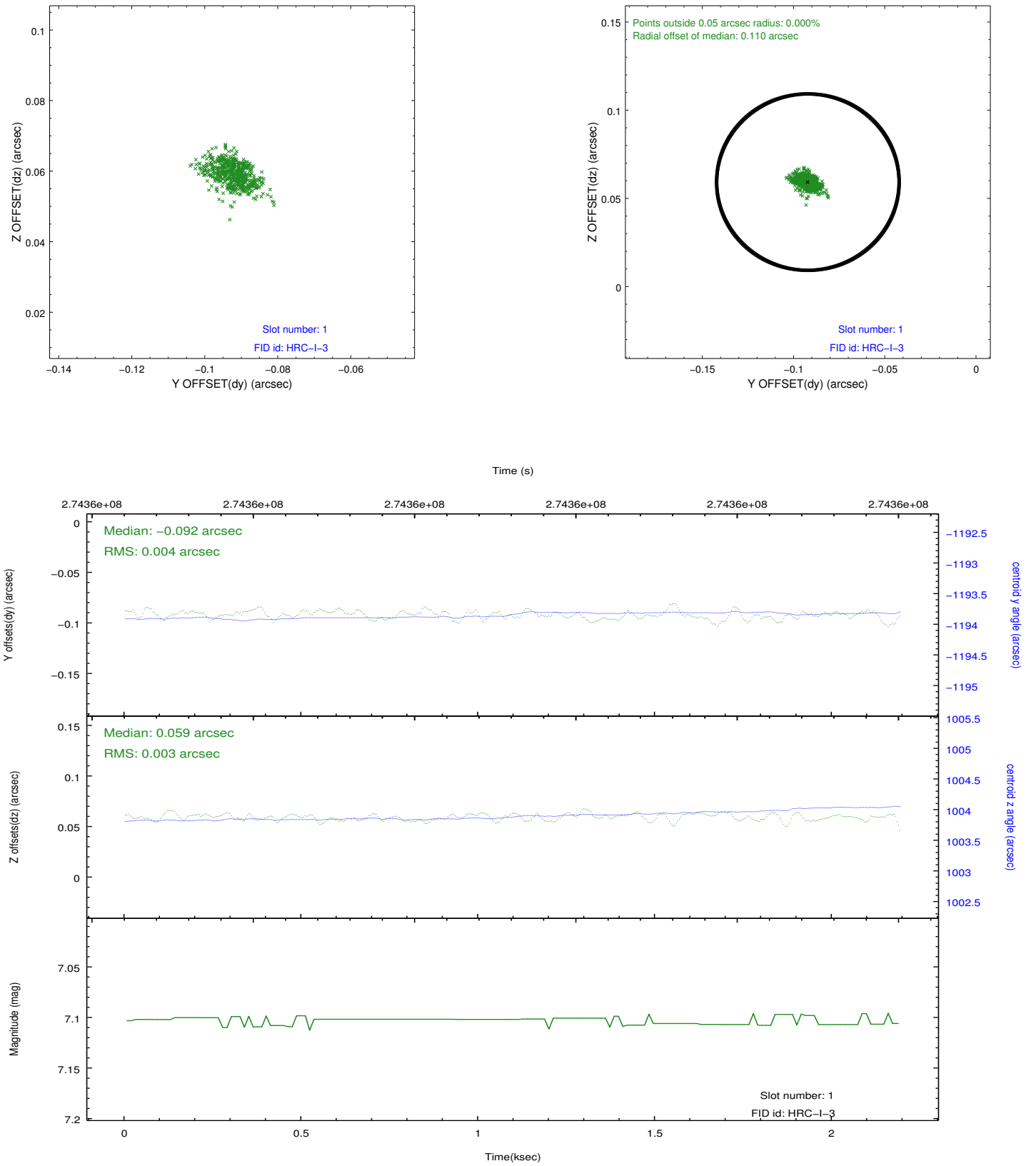


2.5 FID Slots

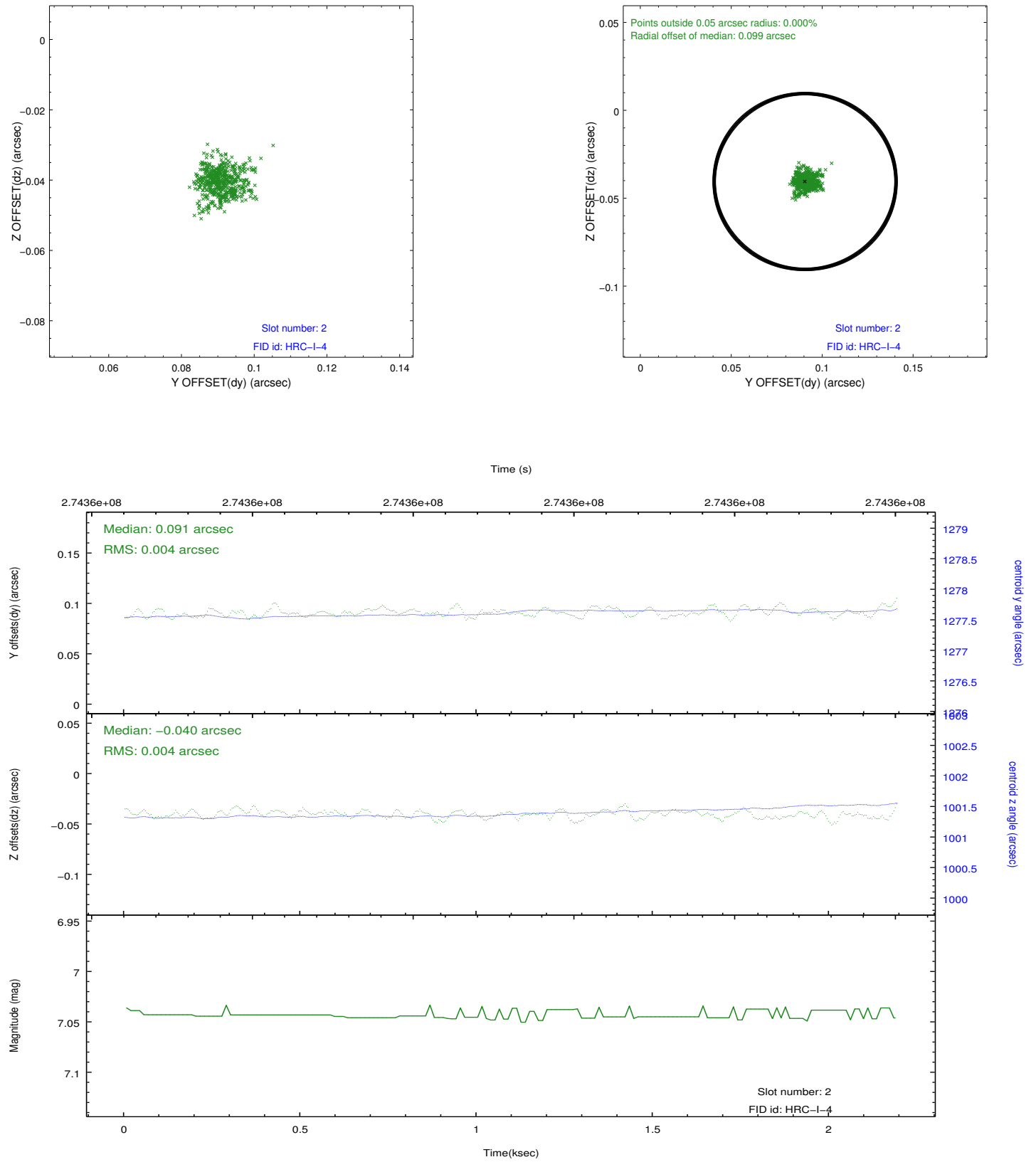
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1873501

A.2 Comments

Window constraint met.