

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 12236 - L2 Version 2
Chandra X-Ray Center

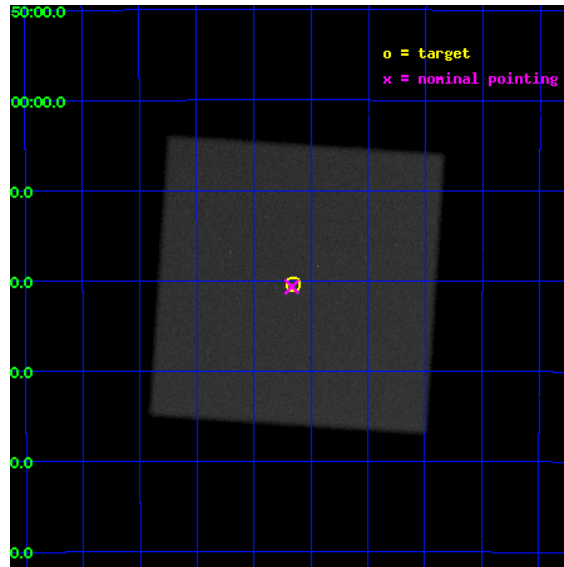
L2 Processing Date : Jul 1 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

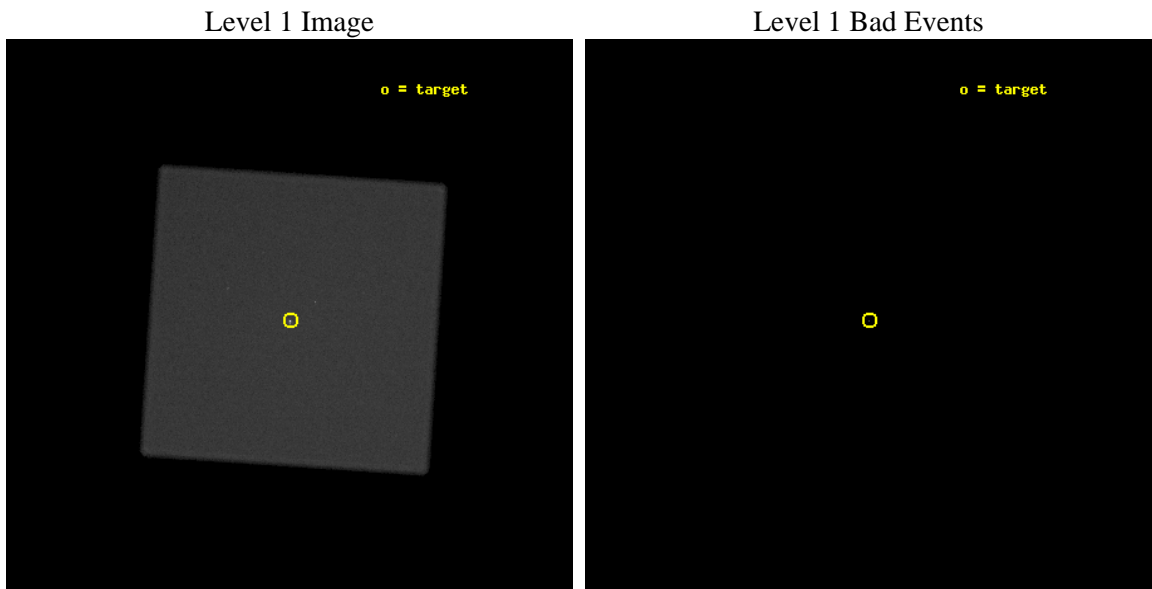
seq_num	200658	Sequence number
obs_id	12236	Observation id
title	Hunting debris disks with Chandra	Proposal title
observer	Dr. Elisa Costantini	Principal investigator
object	AU Microscopii	Source name
ra_targ	311.289583	Observer's specified target RA [deg]
dec_targ	-31.340889	Observer's specified target Dec [deg]
ra_nom	311.29186855076	Nominal RA [deg]
dec_nom	-31.344590129948	Nominal Dec [deg]
roll_nom	318.79546998771	Nominal Roll [deg]
revision	2	Processing version of data
ontime	24176.419988334	[s]
livetime	23901.890719583	Ontime multiplied by DTCOR
l2events	1890424	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	24000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	24176.419988334	[s]
caldbver	4.5.0	 	l1events	2761381	Number of level 1 events
date	2012-07-01T17:06:37	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

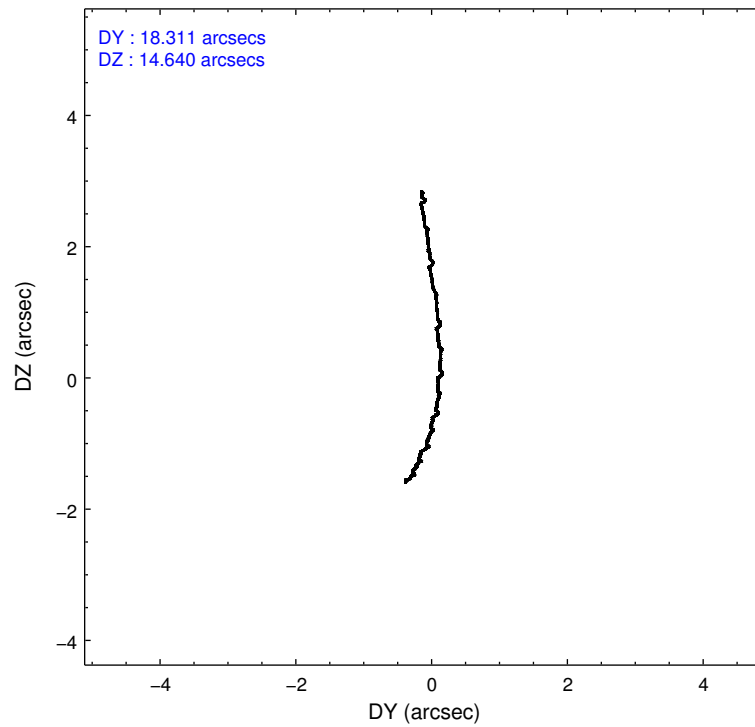
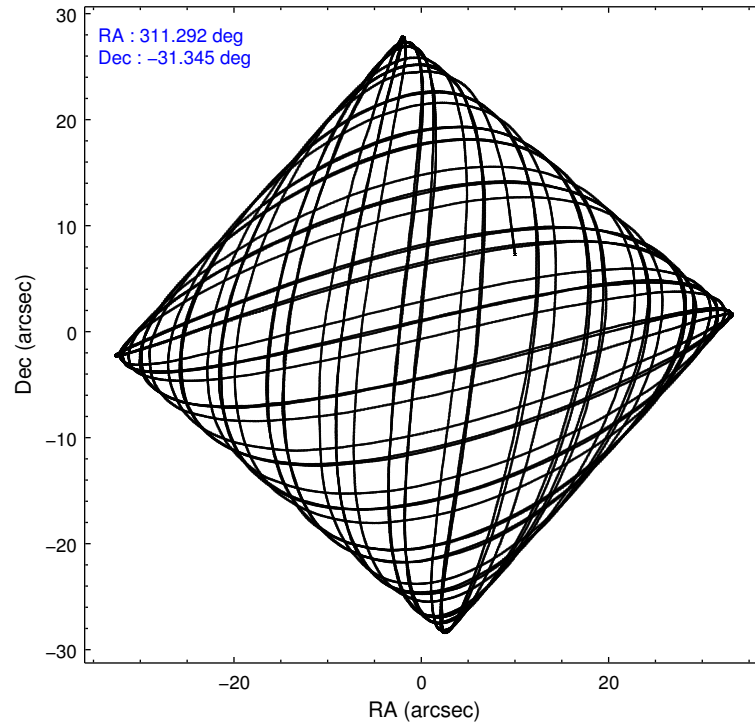
	segment 0
level 1 events	2761381
rejected events	109480
rejected %	3%

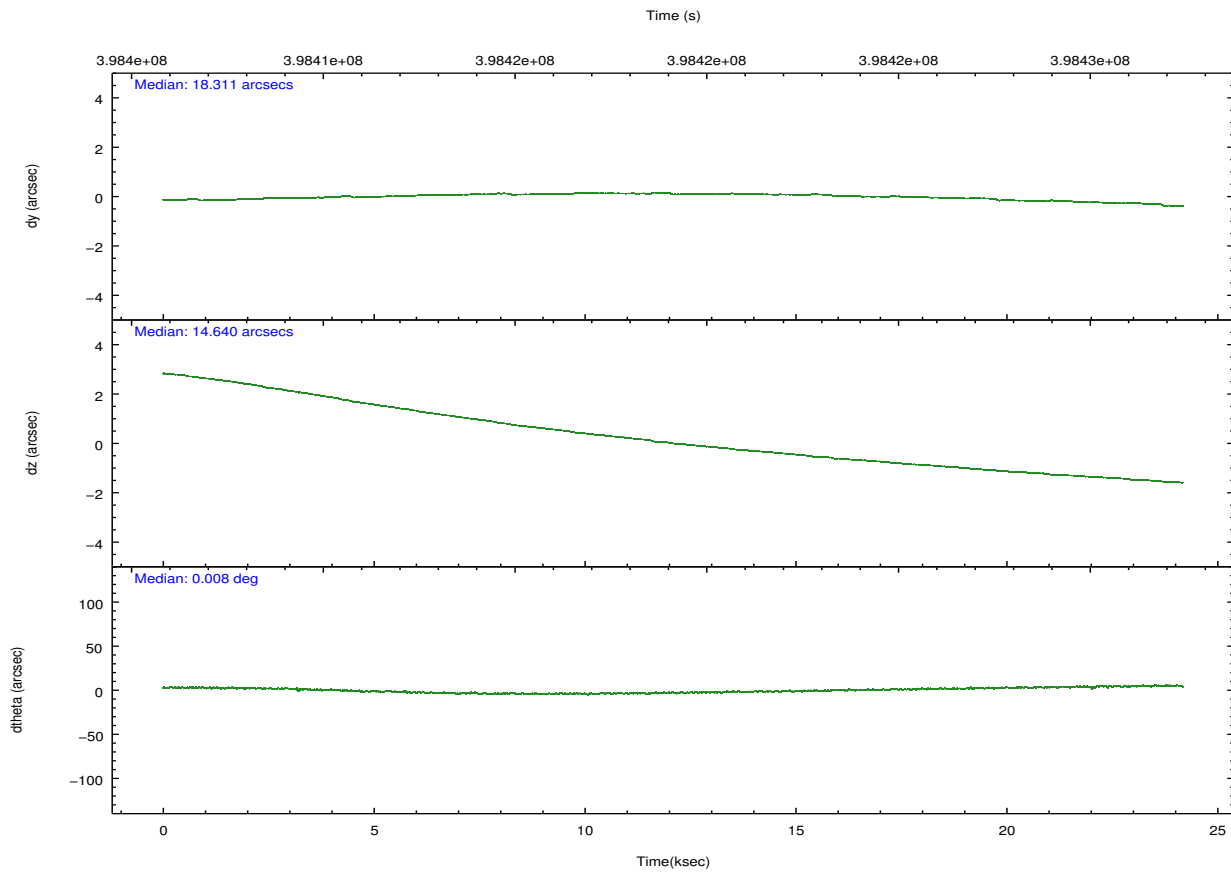
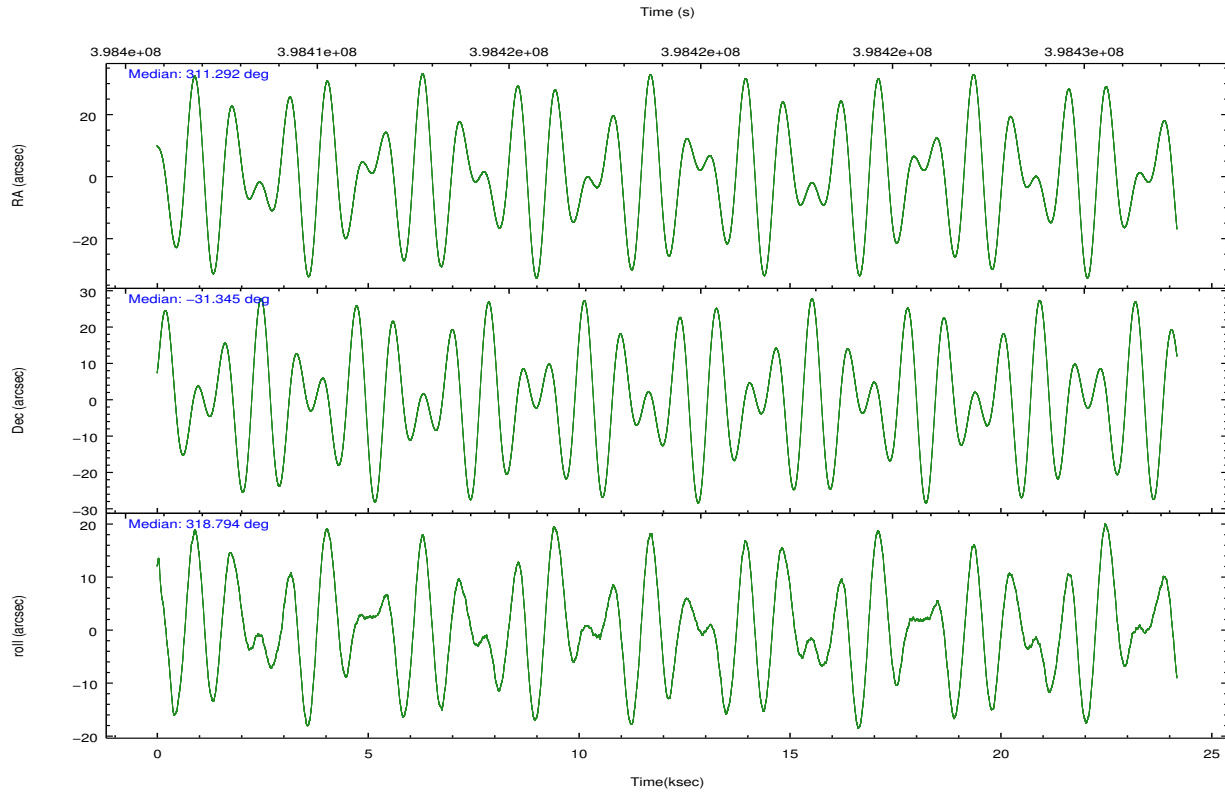
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	311.260466	311.291868550758
[deg] Pointing Dec	-31.339970	-31.344590129948
[deg] Pointing Roll	318.874621	318.7954699877101
[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)	398407213.184000	398406033.2895
Observation start date	2010-08-17T04:39:07	2010-08-17T04:20:33
[s] Observation end time (MET)	398431213.184000	398431470.2033
Observation end date	2010-08-17T11:19:07	2010-08-17T11:24:30

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



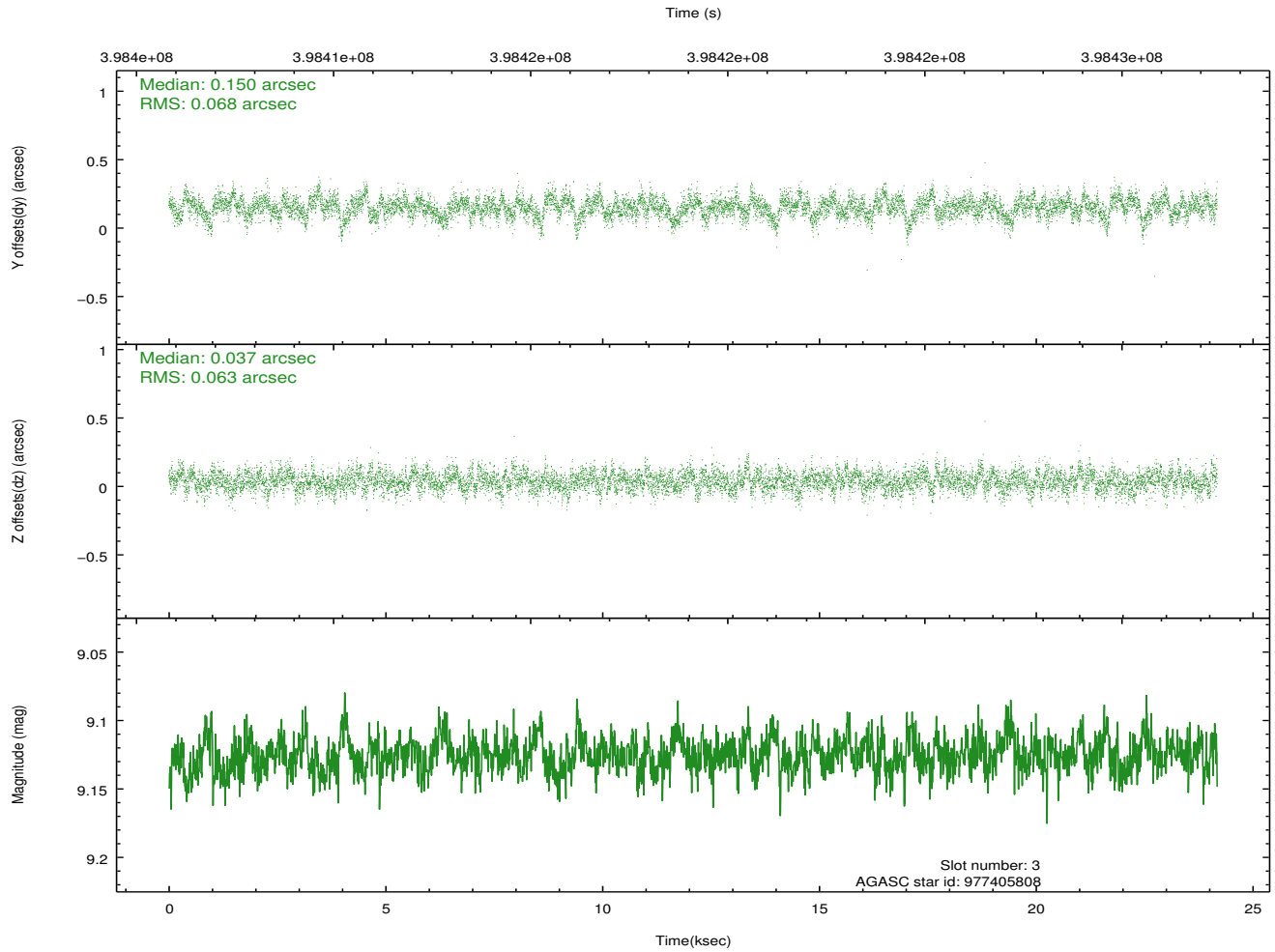
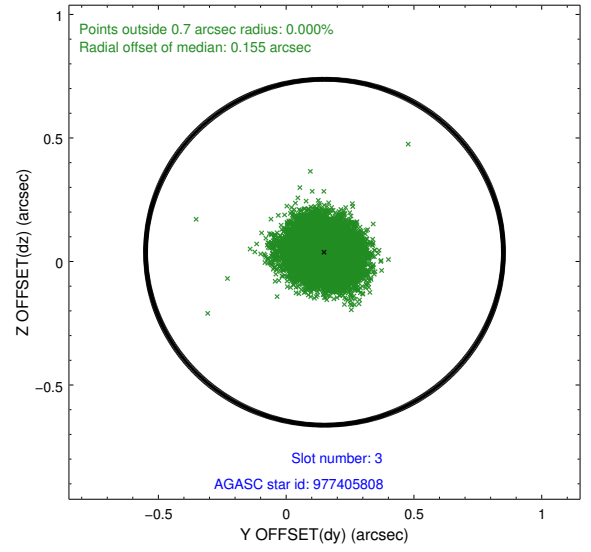
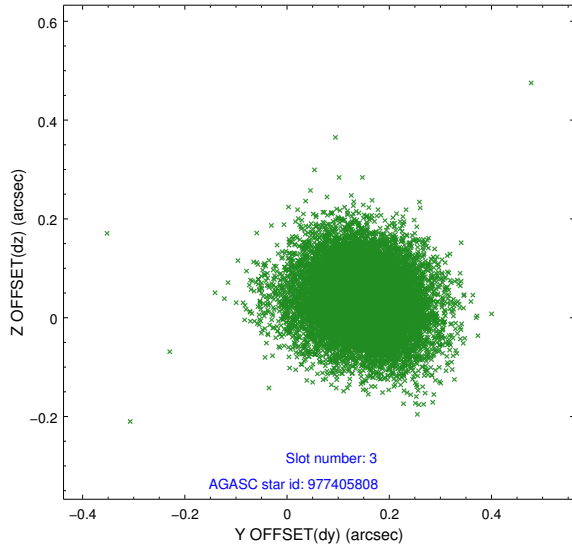


Slot Statistics

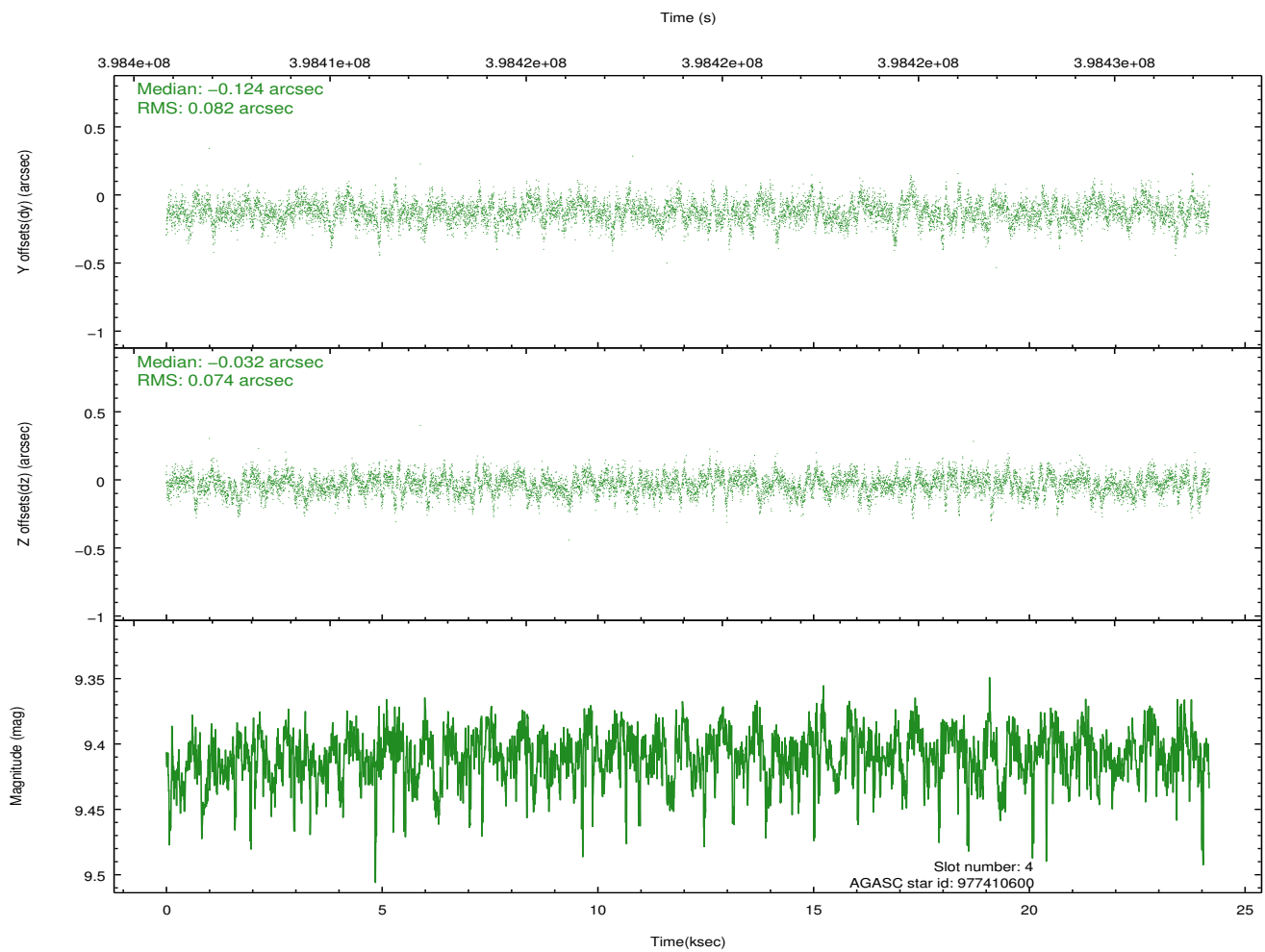
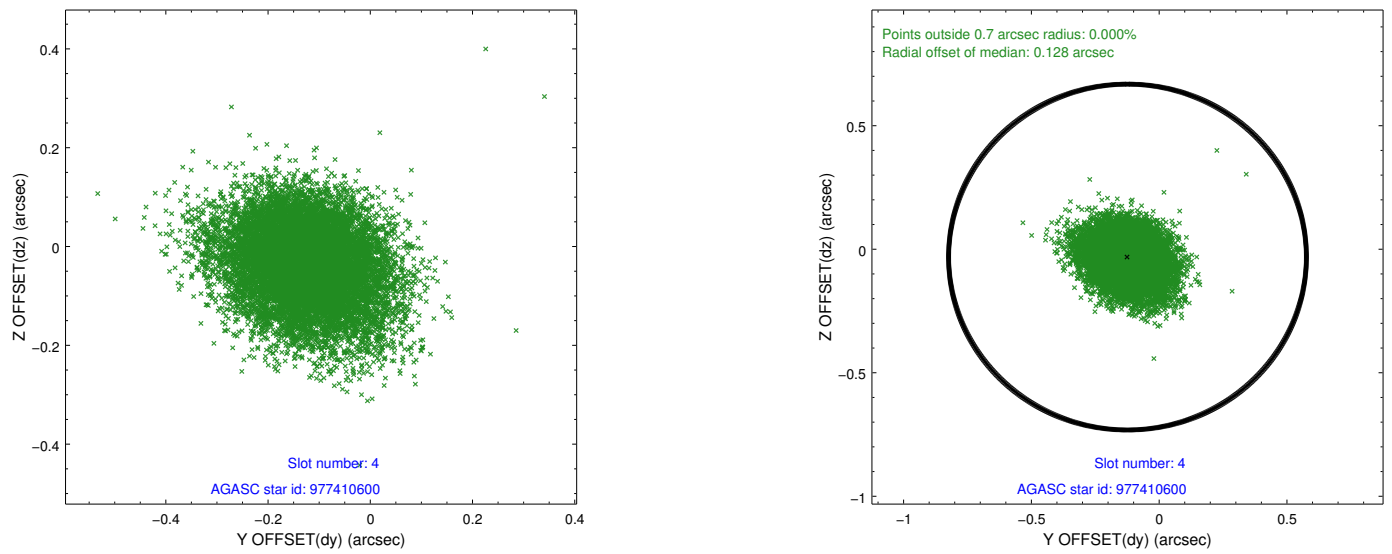
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	5897	-0.098	0.018	0.020	0.028	0.000000	0.000000	-774.26	-1302.97
1	FID	HRC-I-2	7.05	5897	0.266	-0.143	0.028	0.038	0.000000	0.000000	838.60	-1304.90
2	FID	HRC-I-3	7.10	5897	-0.051	0.035	0.024	0.037	0.000000	0.000000	-1202.59	1001.39
3	GUIDE	977405808	9.13	11781	0.150	0.037	0.098	0.161	310.636168	-31.037508	-2162.59	-450.60
4	GUIDE	977410600	9.41	11777	-0.124	-0.032	0.116	0.196	311.969215	-31.533404	2100.86	900.36
5	GUIDE	977414712	8.84	11793	0.140	-0.105	0.098	0.160	311.577379	-31.522390	1166.17	143.88
6	GUIDE	977416336	8.87	11777	-0.080	-0.013	0.106	0.170	311.811088	-31.455987	1552.64	794.28
7	GUIDE	977930272	9.12	11741	-0.080	0.120	0.098	0.159	311.346812	-32.011979	1790.32	-1649.02

2.4 Star Slots

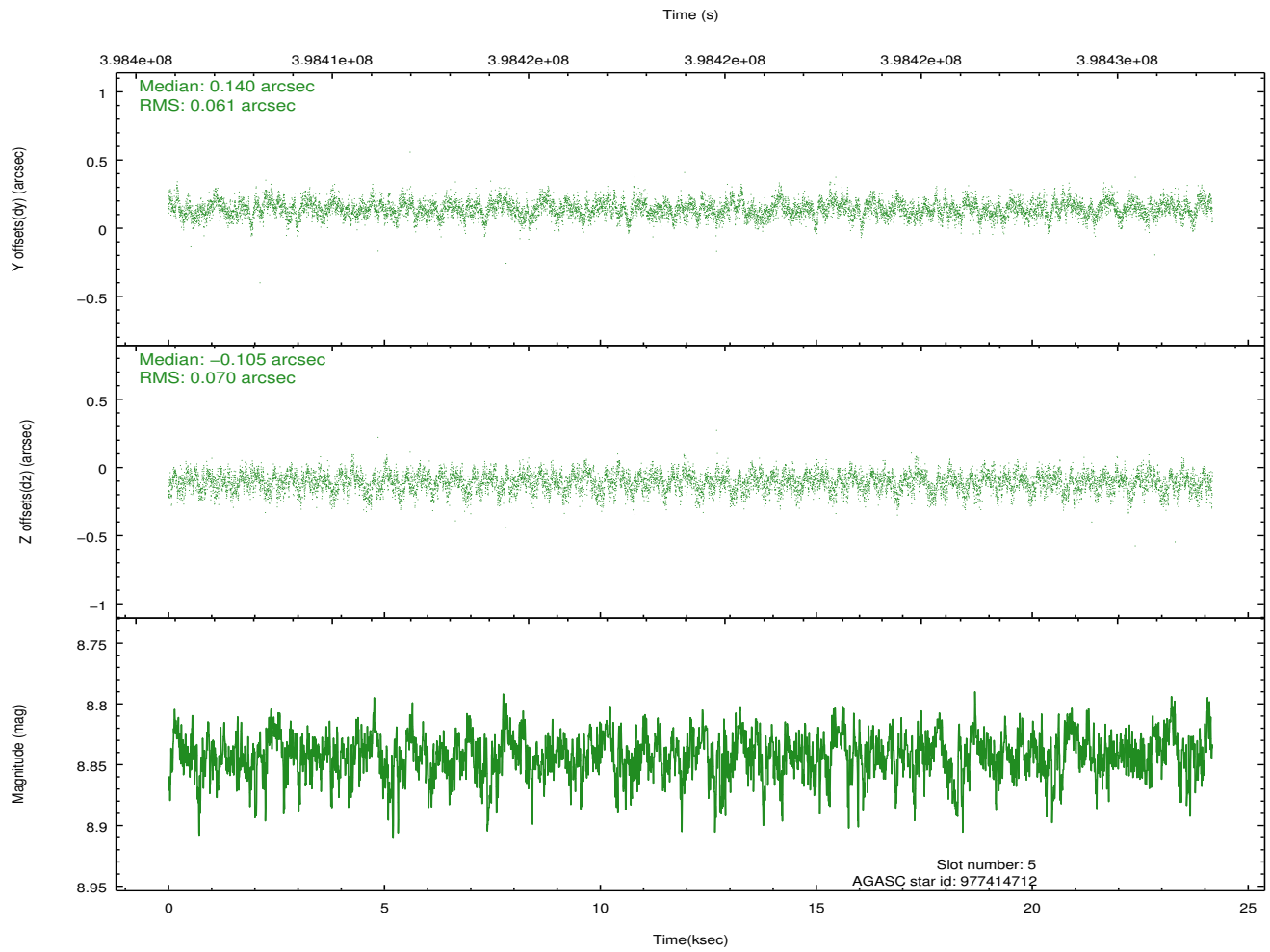
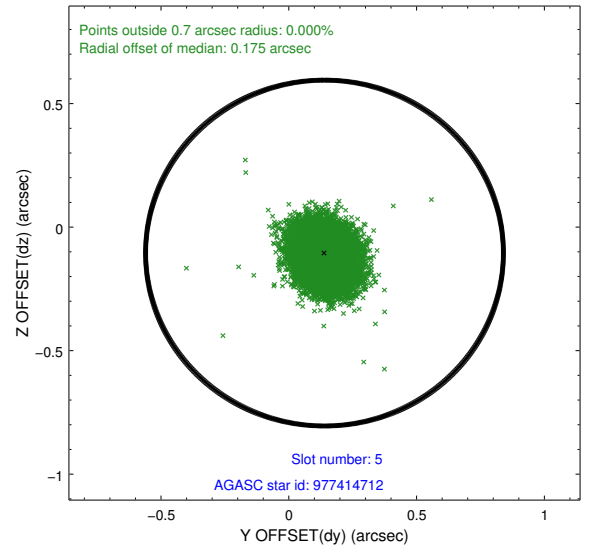
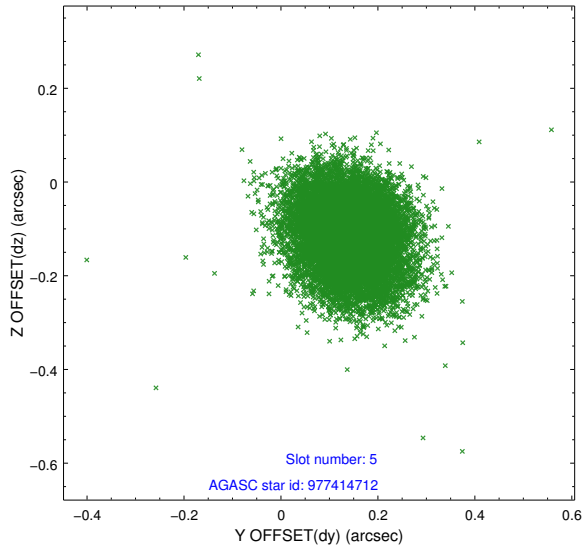
2.4.1 Slot 3



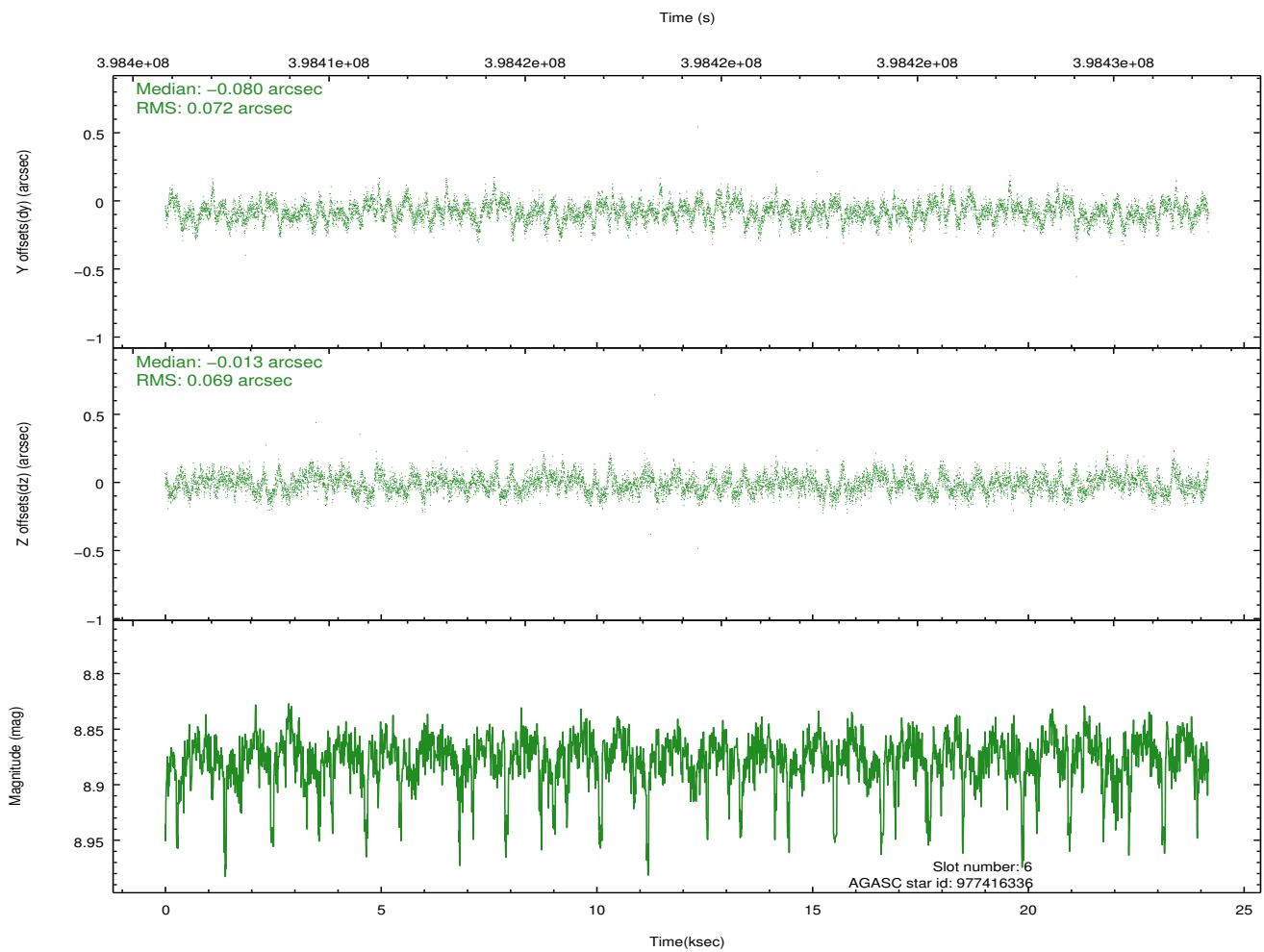
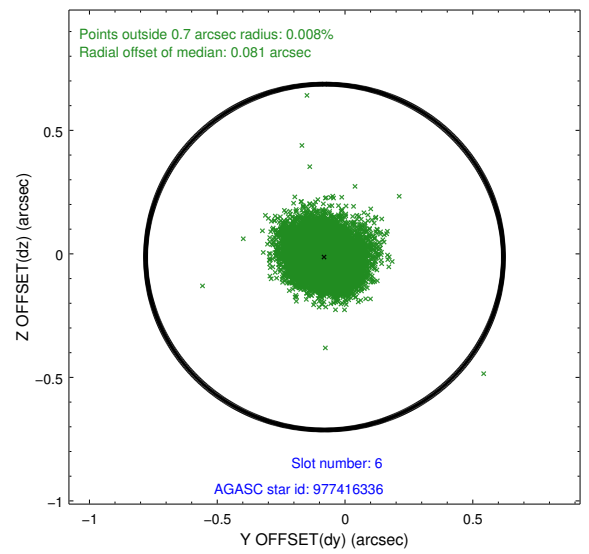
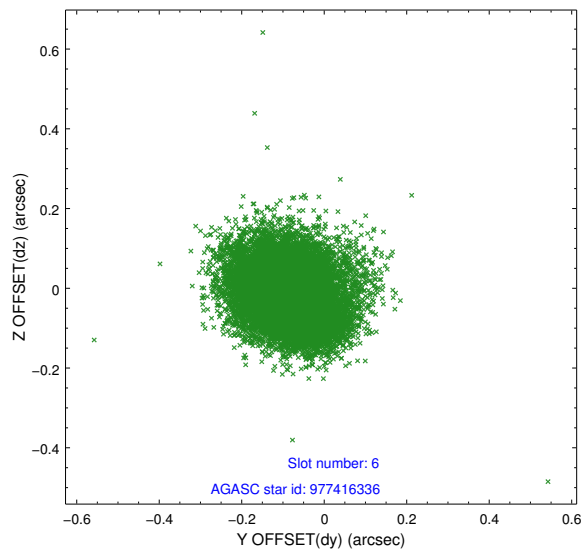
2.4.2 Slot 4



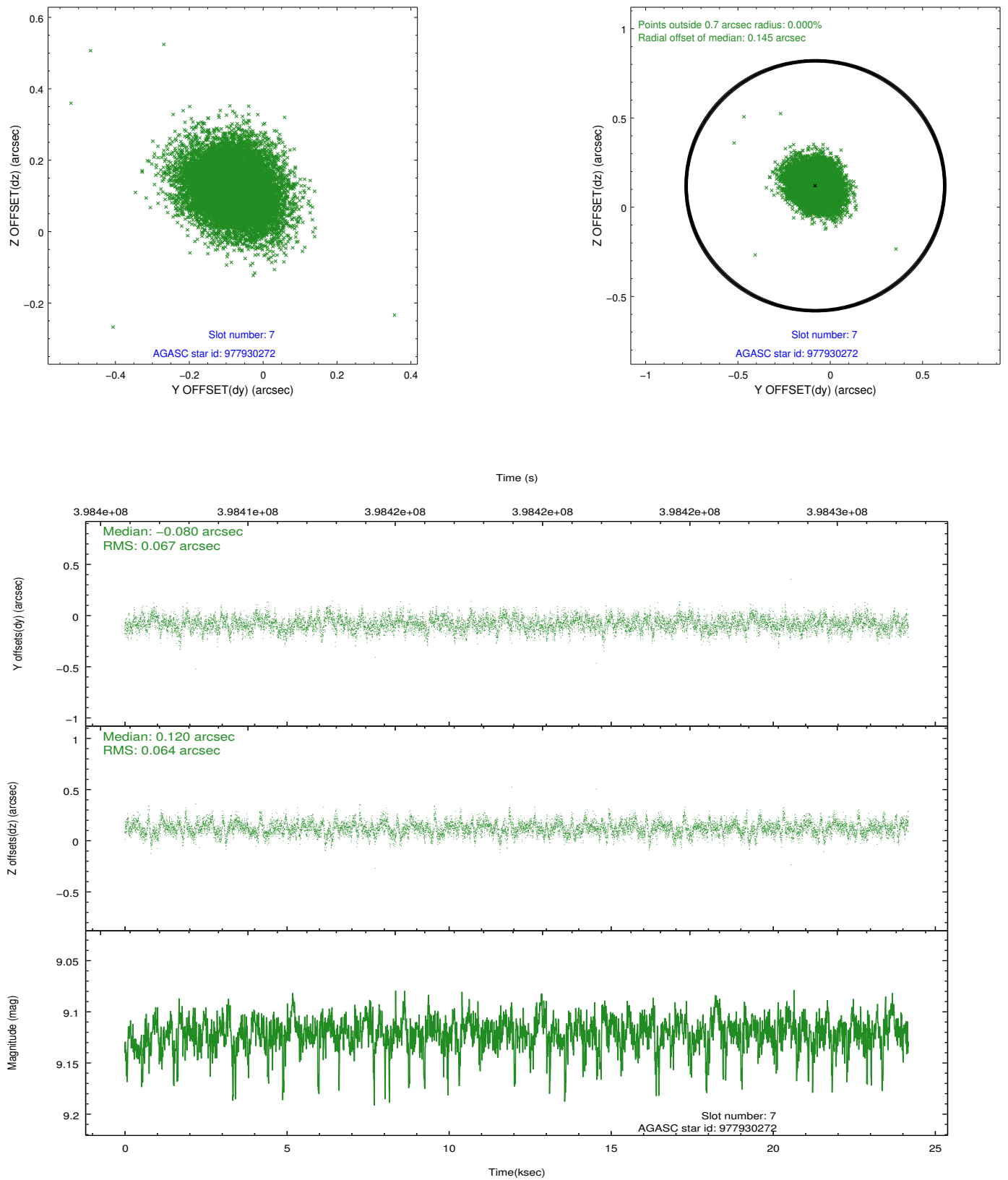
2.4.3 Slot 5



2.4.4 Slot 6

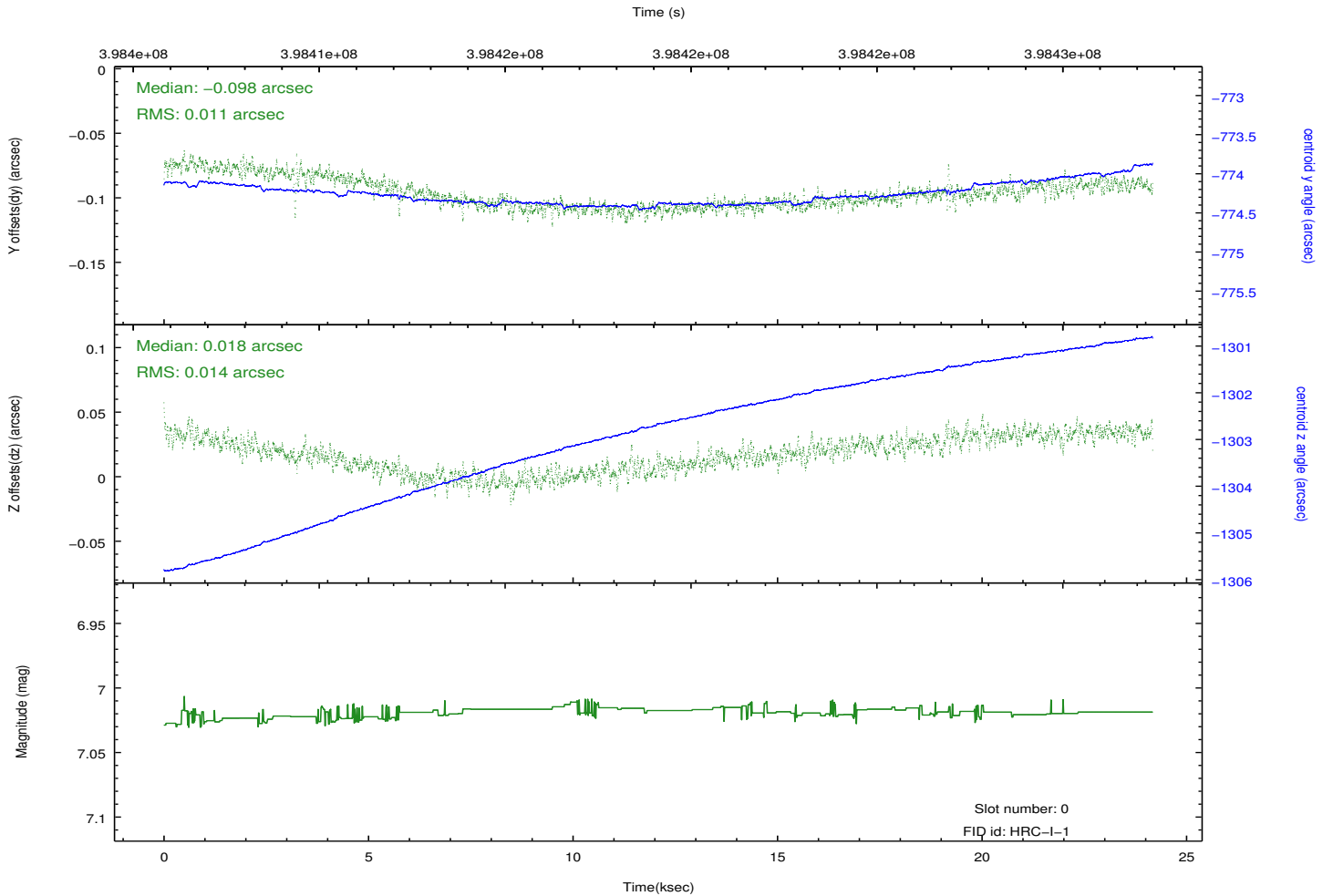
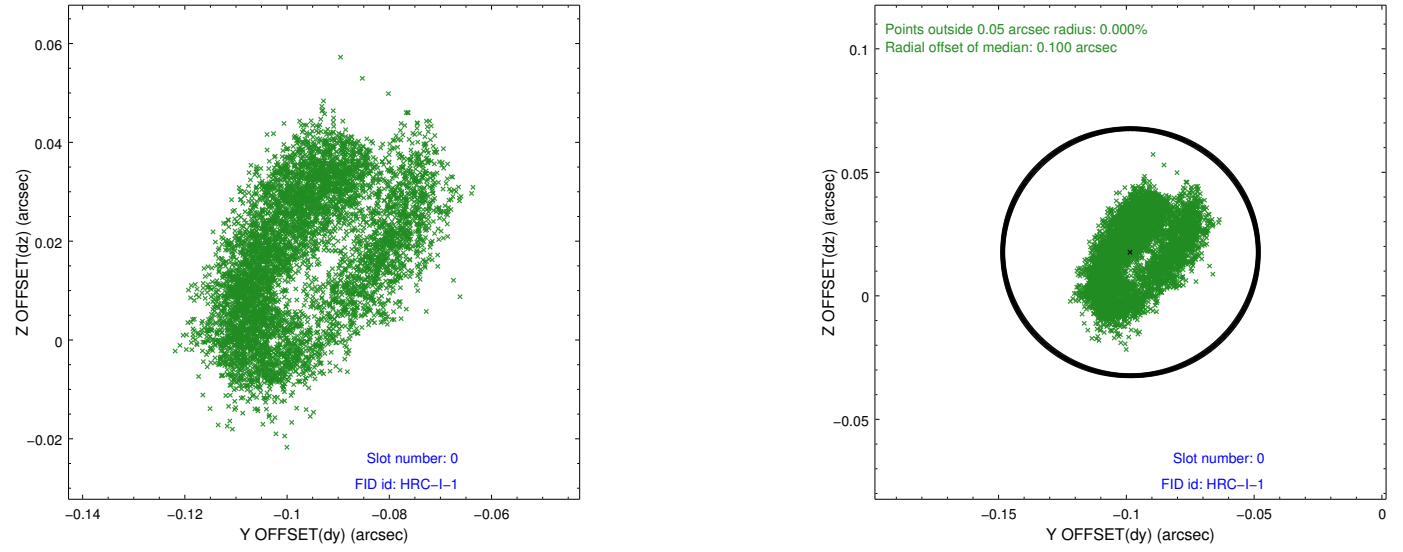


2.4.5 Slot 7

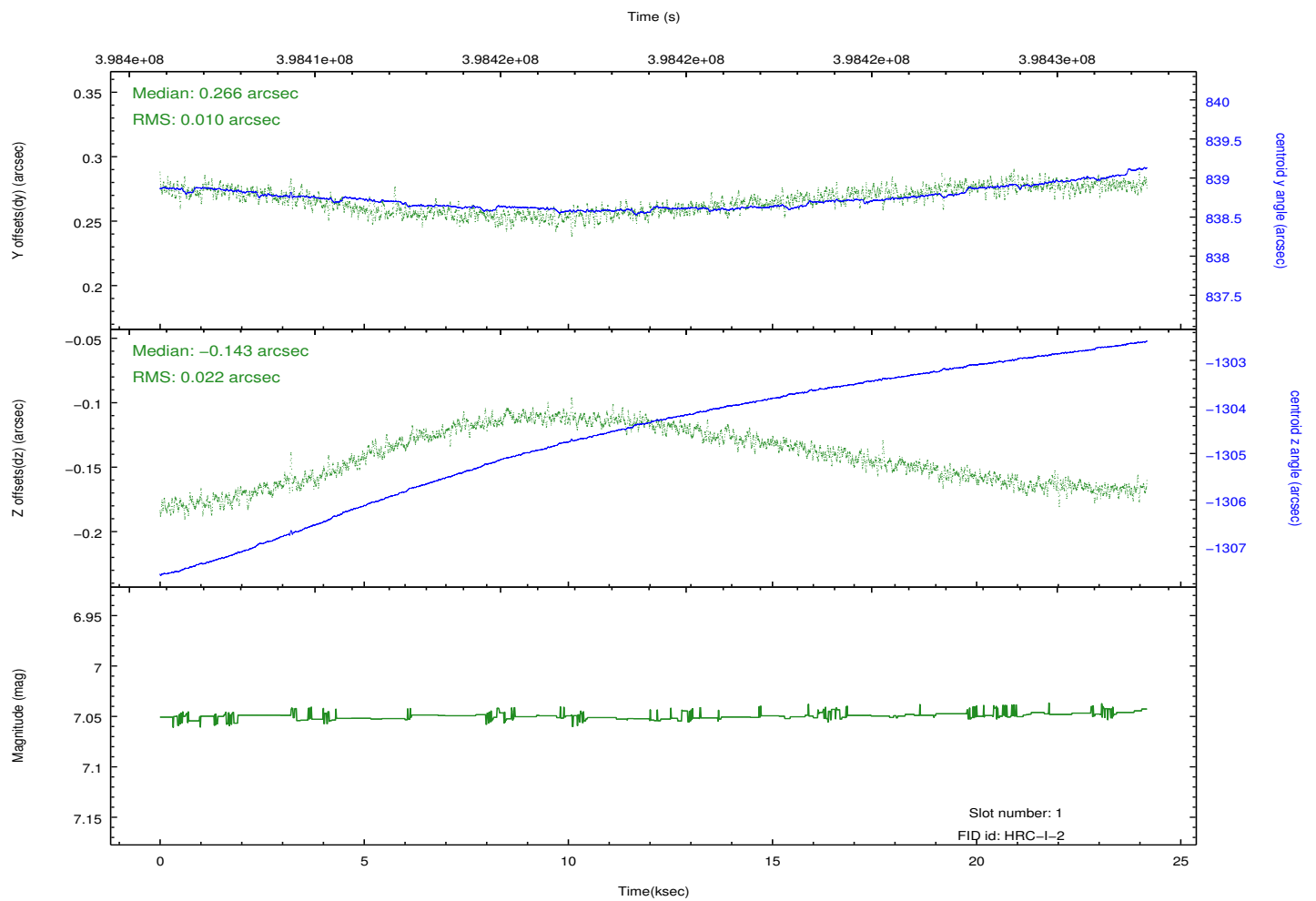
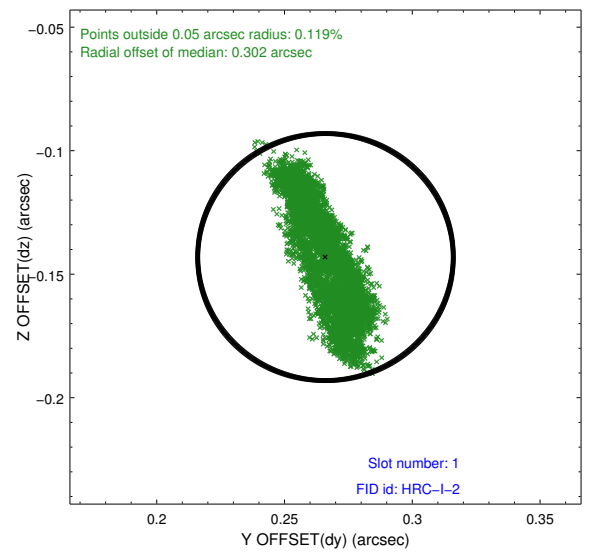
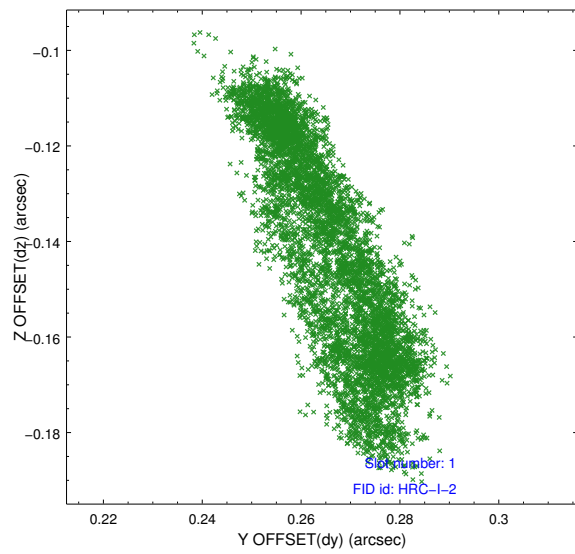


2.5 FID Slots

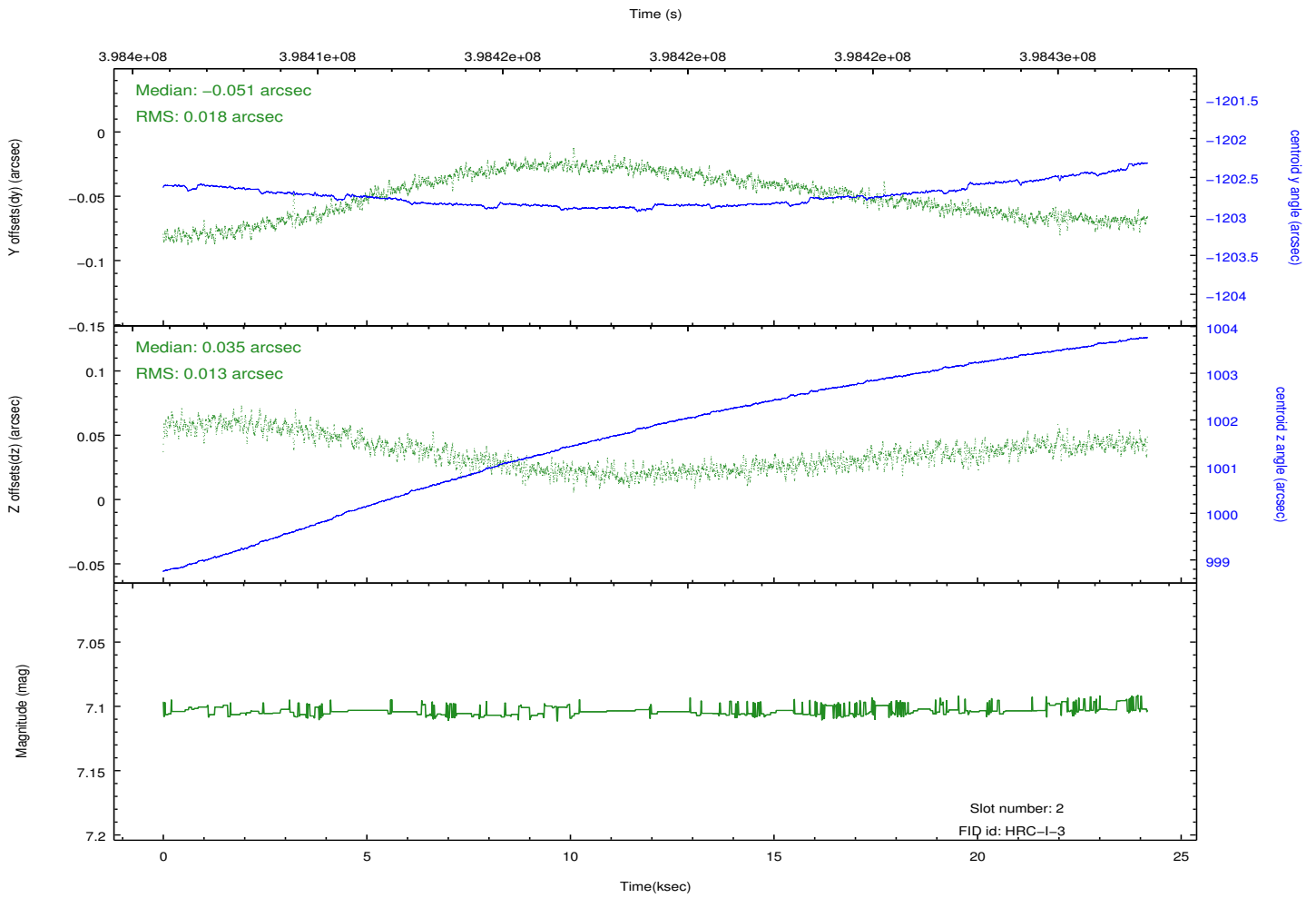
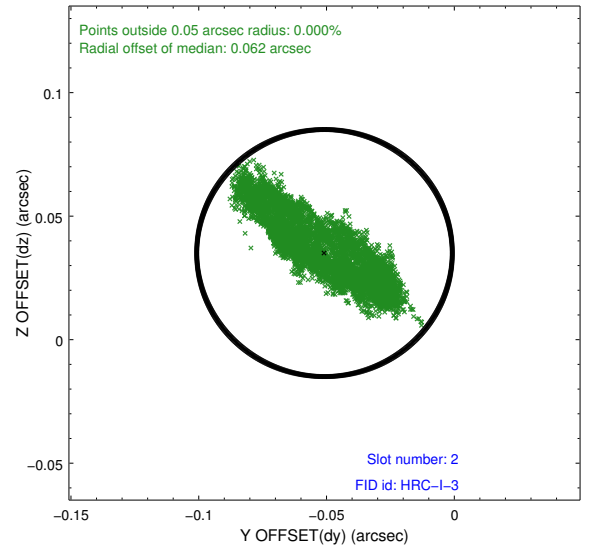
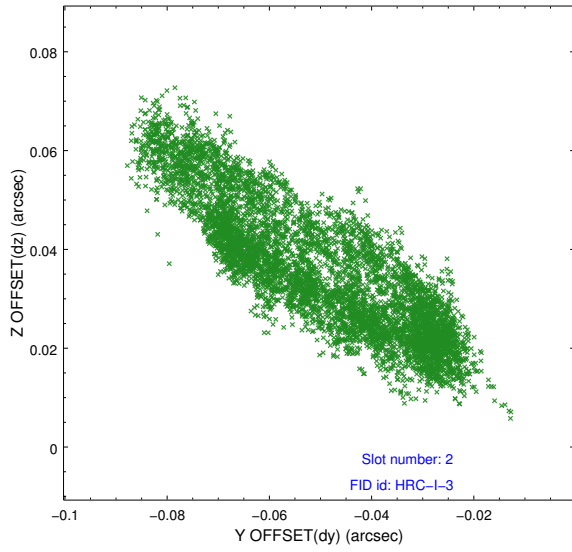
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.176676237285

A.2 Comments