

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6193 - L2 Version 4
Chandra X-Ray Center

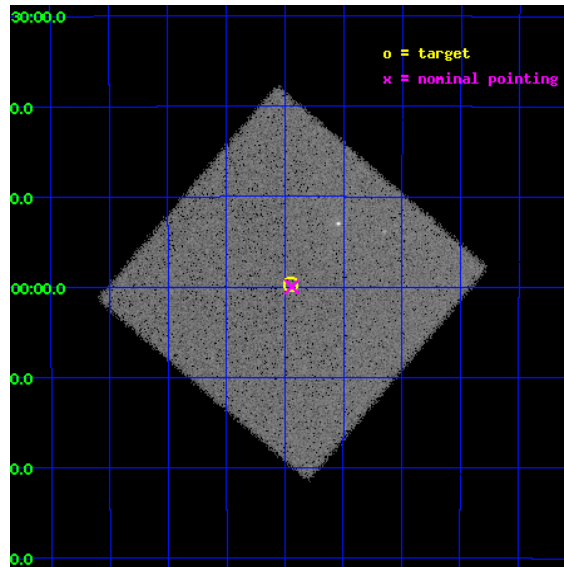
L2 Processing Date : Dec 30 2012

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1 Front

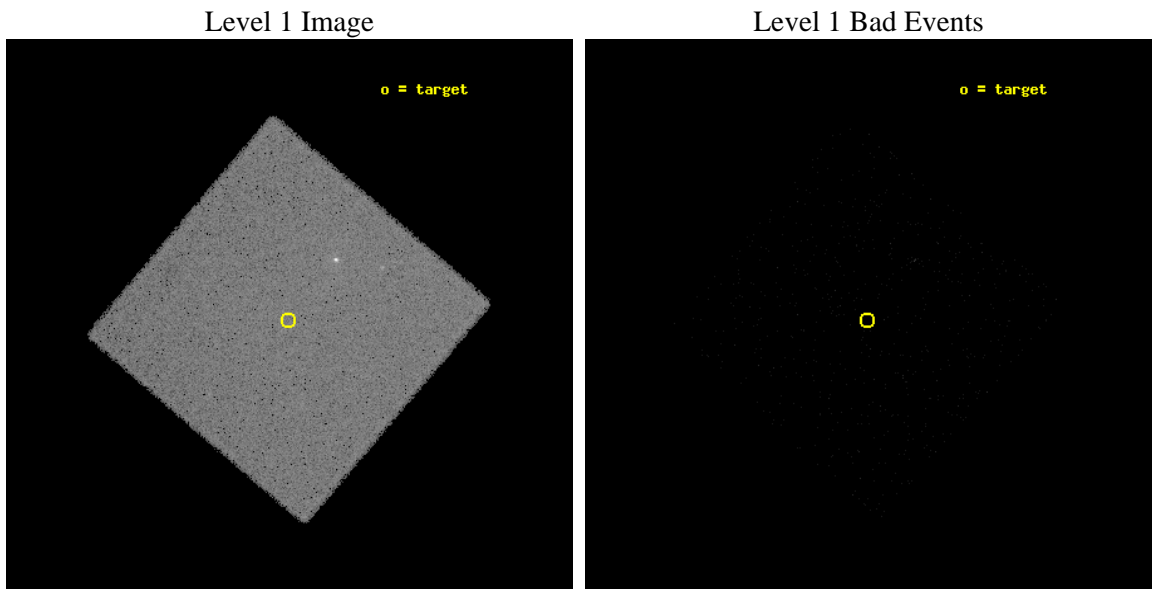
seq_num	400453	Sequence number
obs_id	6193	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-3	Source name
ra_targ	266.8625	Observer's specified target RA [deg]
dec_targ	-28.996111	Observer's specified target Dec [deg]
ra_nom	266.86021061697	Nominal RA [deg]
dec_nom	-28.99979080841	Nominal Dec [deg]
roll_nom	265.46360725548	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4379.8252018094	[s]
livetime	4347.1379466838	Ontime multiplied by DTCOR
l2events	178838	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	4200.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	4379.8252018094	[s]
caldbver	4.5.5	 	l1events	285105	Number of level 1 events
date	2012-12-30T20:07:32	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

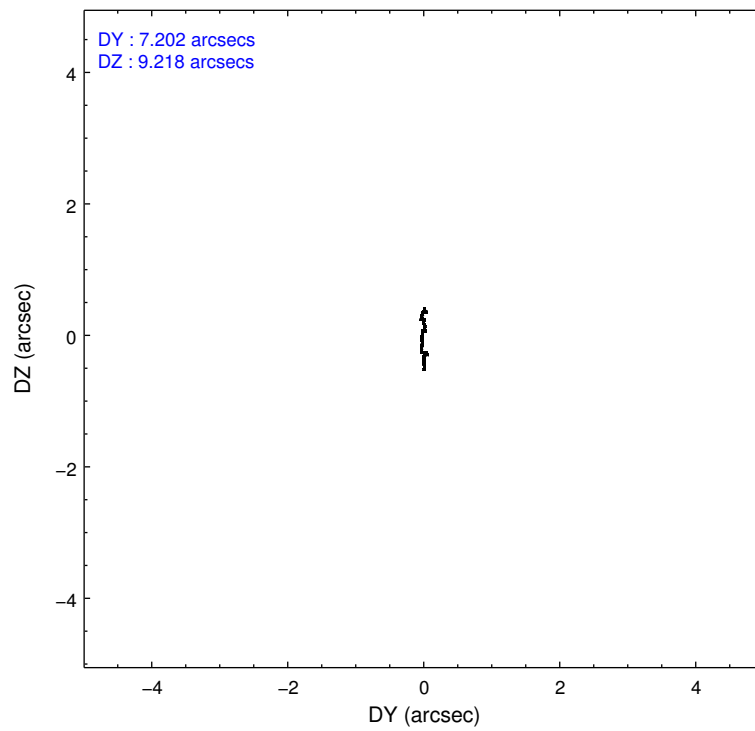
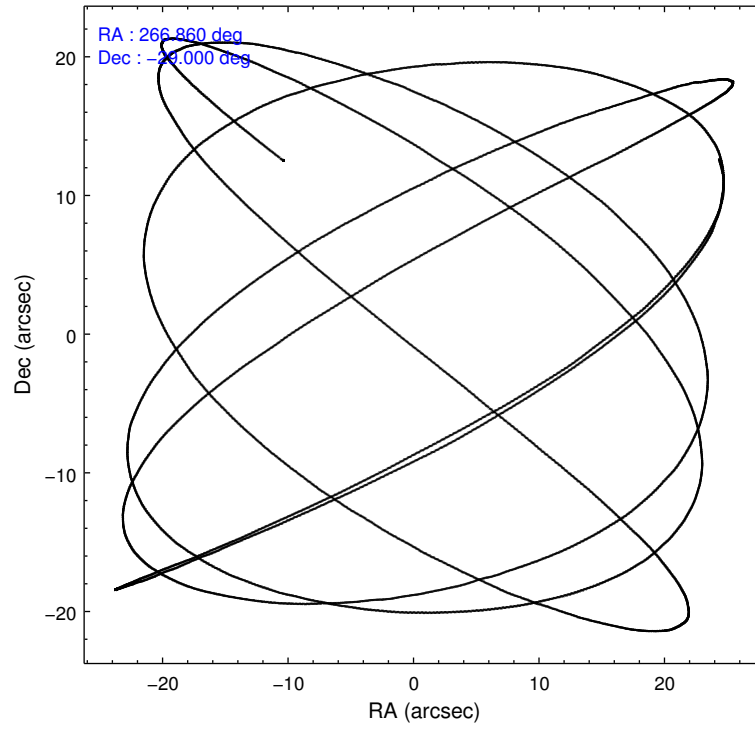
Level 1 Events

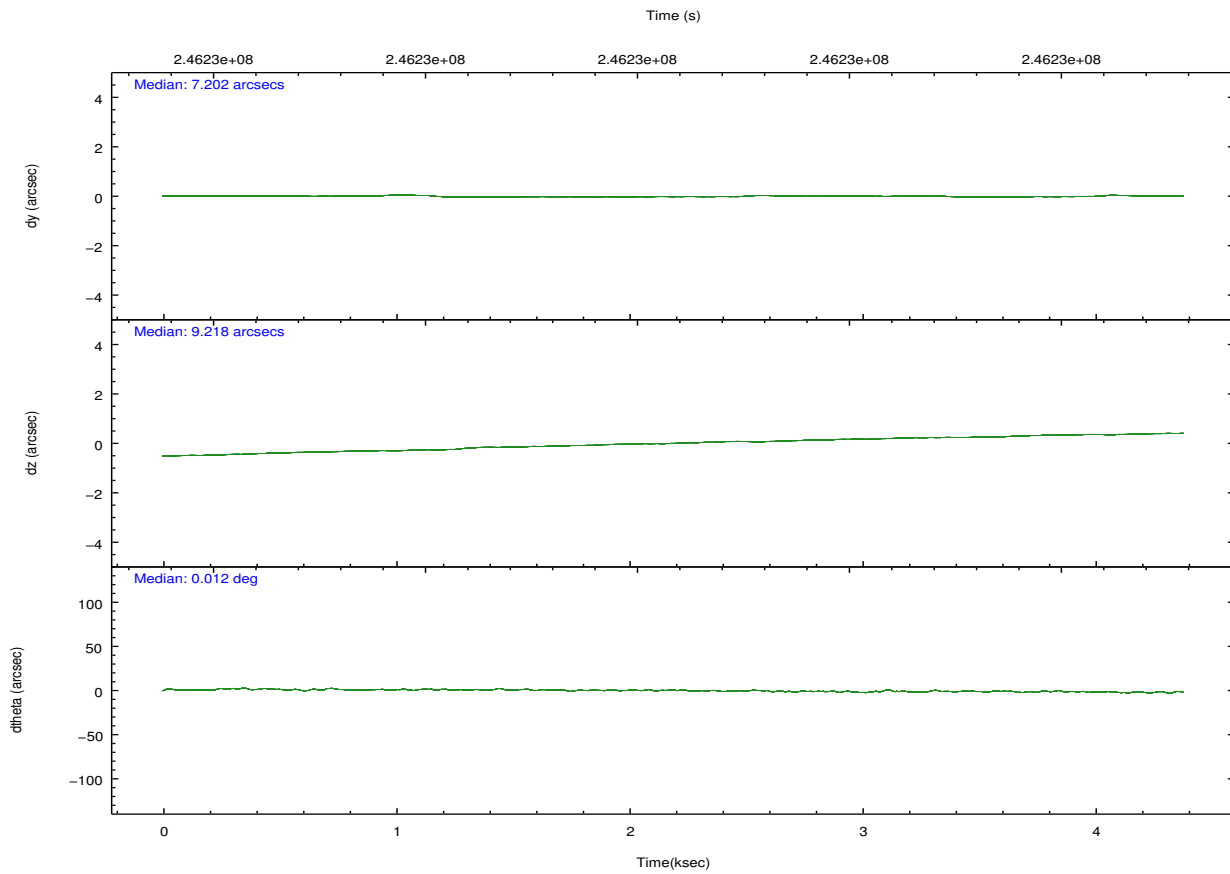
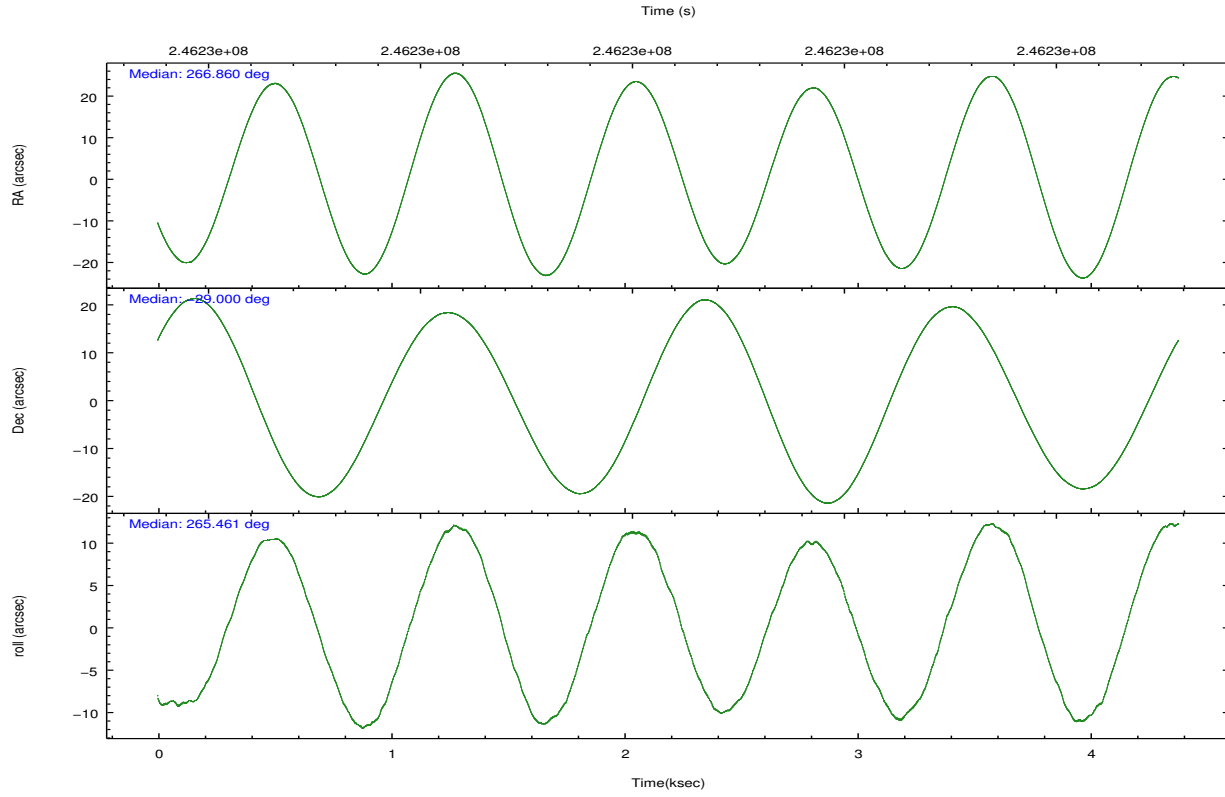
	segment 0
level 1 events	285105
rejected events	20112
rejected %	7%

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	266.846351	266.8602106169695			
[deg] Pointing Dec	-28.975627	-28.99979080841027			
[deg] Pointing Roll	265.552392	265.4636072554841			
[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)	246226158.184000	246225782.35289			
Observation start date	2005-10-20T20:08:14	2005-10-20T20:03:02			
[s] Observation end time (MET)	246230358.184000	246230492.22811			
Observation end date	2005-10-20T21:18:14	2005-10-20T21:21:32			

2.3 Aspect



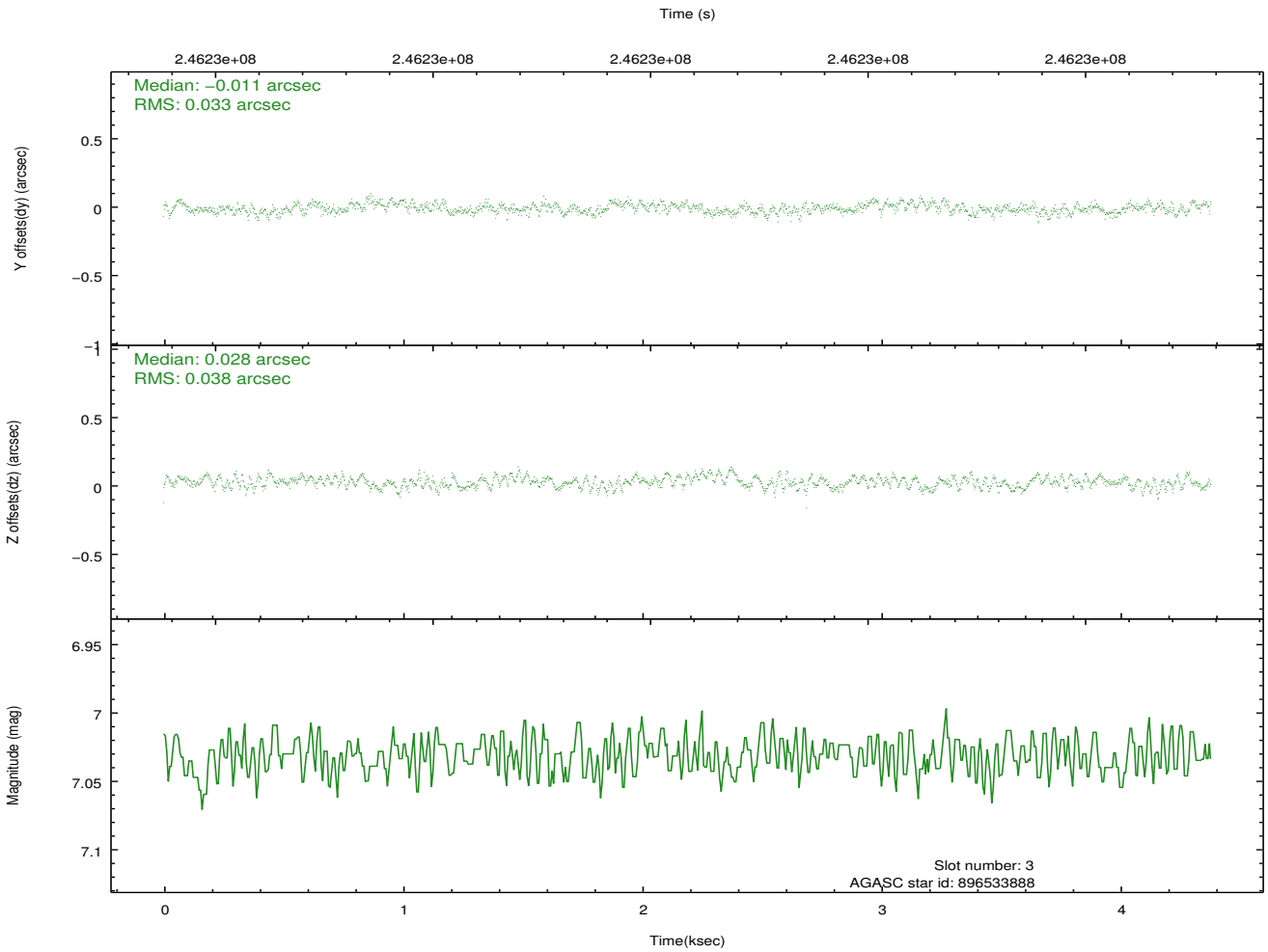
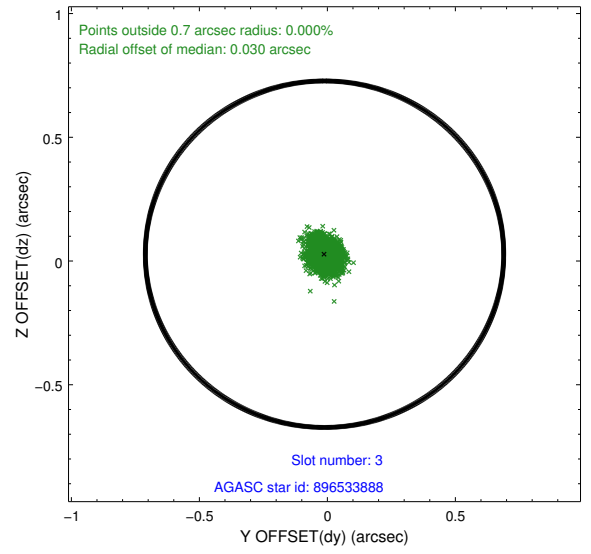
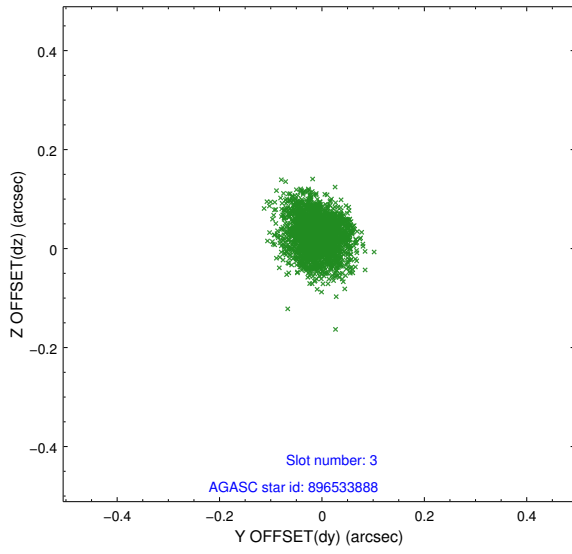


Slot Statistics

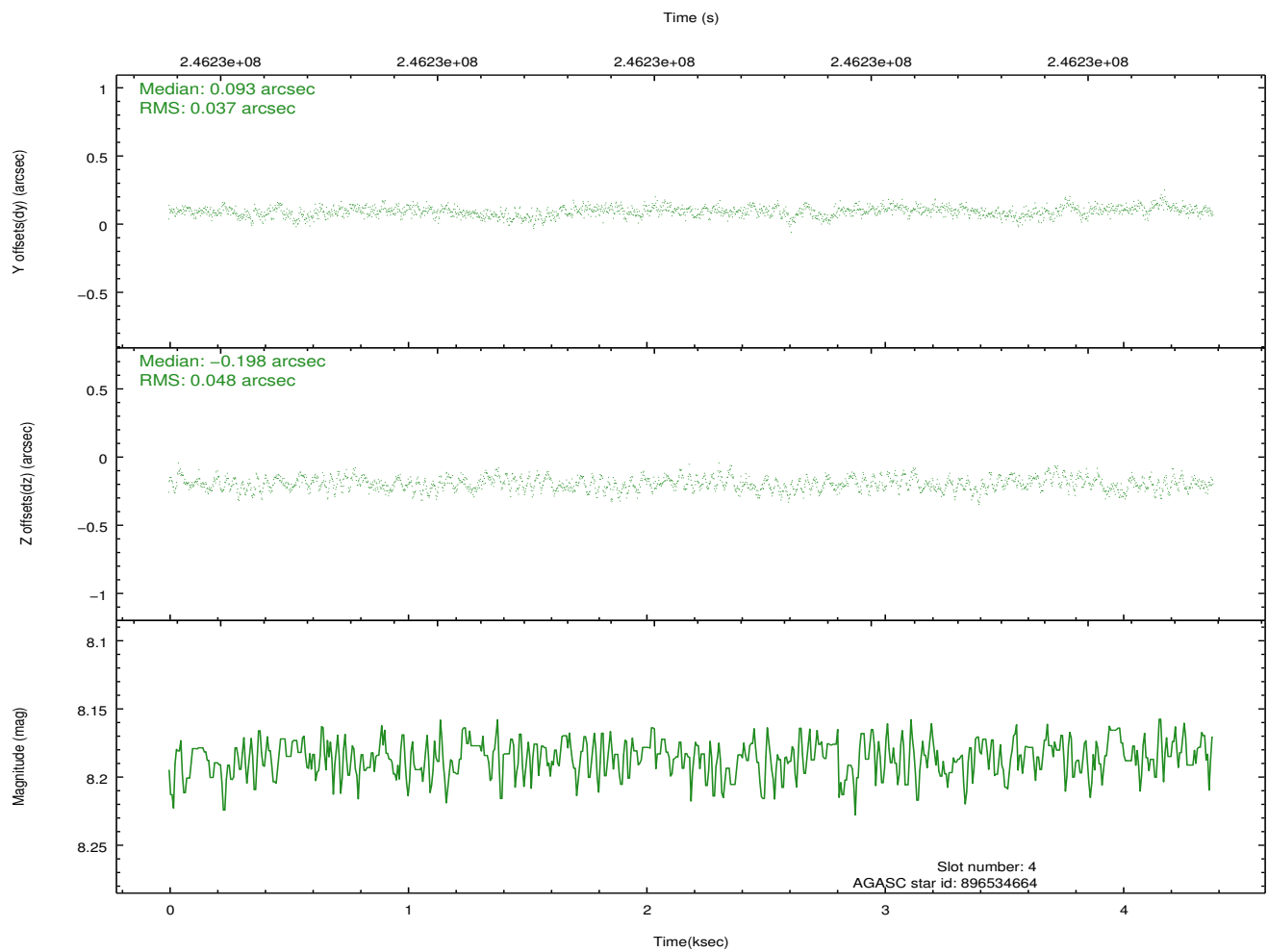
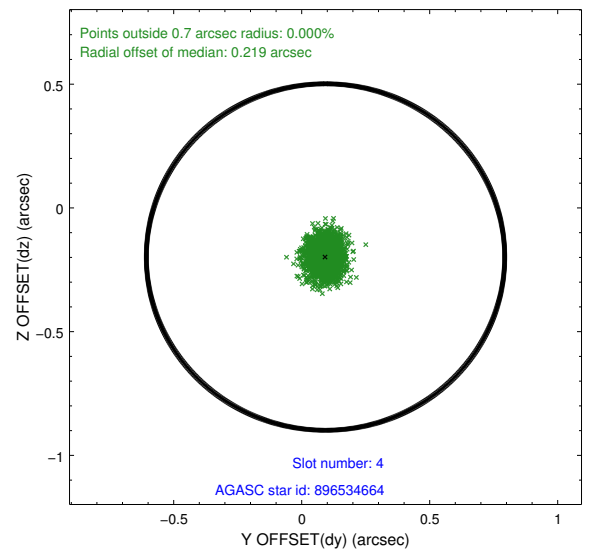
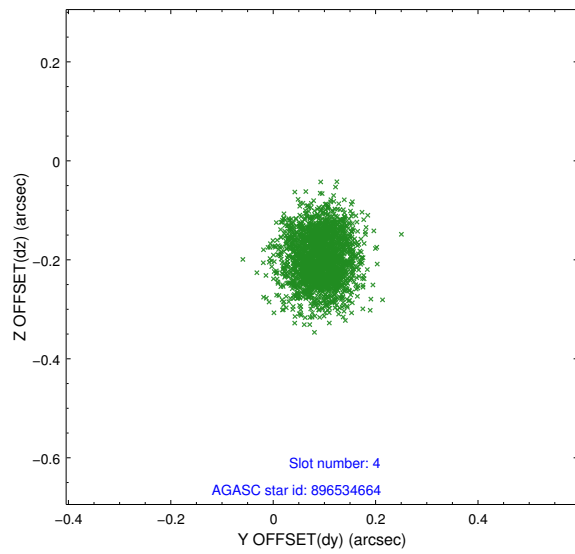
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	1069	-0.039	-0.032	0.013	0.020	0.000000	0.000000	-762.92	-1297.09
1	FID	HRC-I-2	7.04	1069	0.112	-0.074	0.014	0.021	0.000000	0.000000	849.15	-1300.02
2	FID	HRC-I-4	7.05	1069	0.045	0.013	0.010	0.016	0.000000	0.000000	1280.91	1003.77
3	GUIDE	896533888	7.03	2138	-0.011	0.028	0.054	0.084	266.666434	-29.392757	1541.81	-445.67
4	GUIDE	896534664	8.19	2137	0.093	-0.198	0.065	0.106	266.405570	-28.407461	-1927.12	-1550.11
5	GUIDE	896538696	6.72	2138	-0.345	-0.091	0.051	0.080	266.298470	-28.325572	-2195.30	-1912.77
6	GUIDE	896540528	8.25	2133	0.099	0.083	0.066	0.110	267.368305	-29.314773	1093.31	1728.35
7	GUIDE	896536400	8.55	2136	0.168	0.174	0.073	0.125	267.359146	-29.438655	1541.79	1733.90

2.4 Star Slots

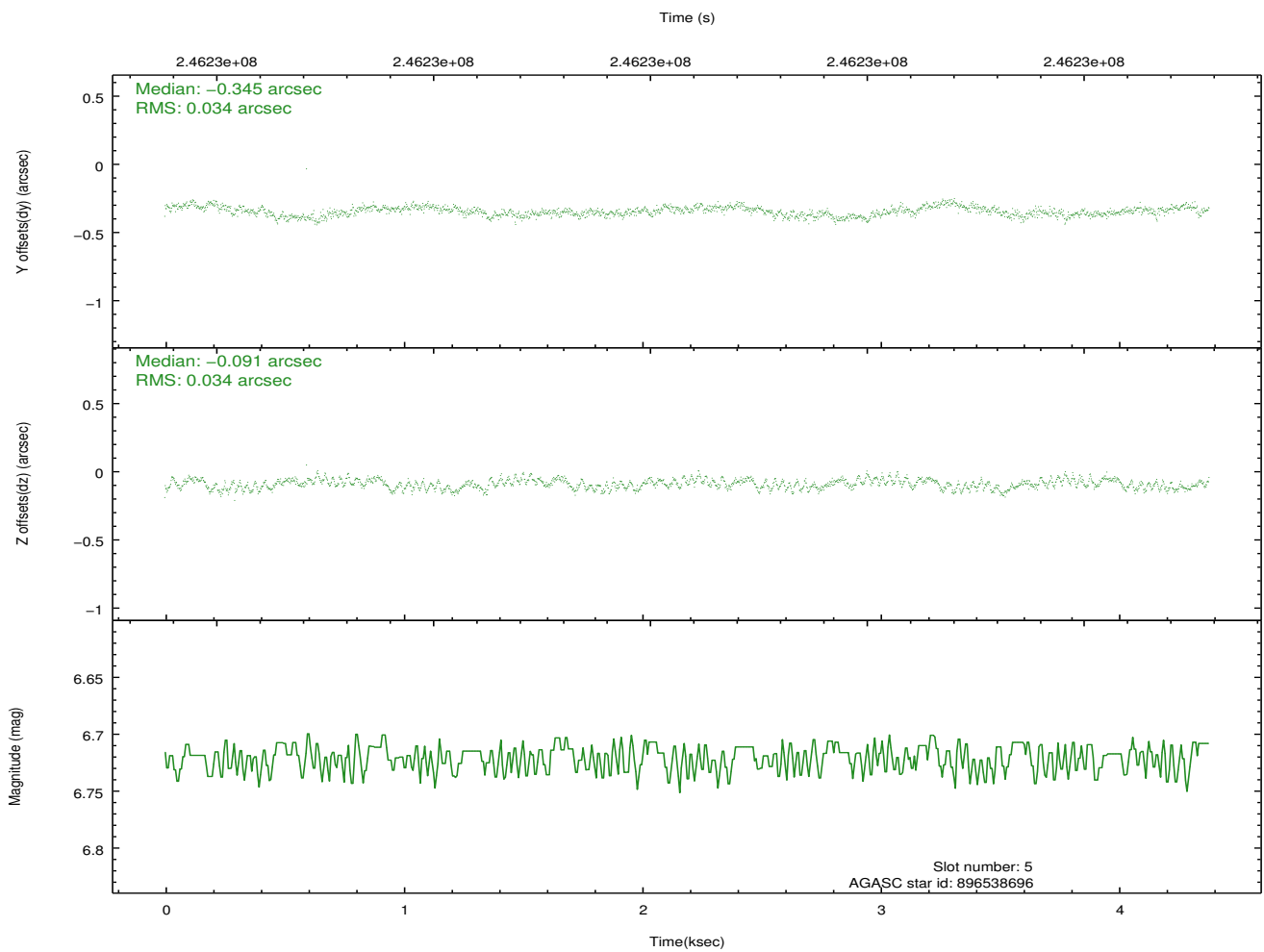
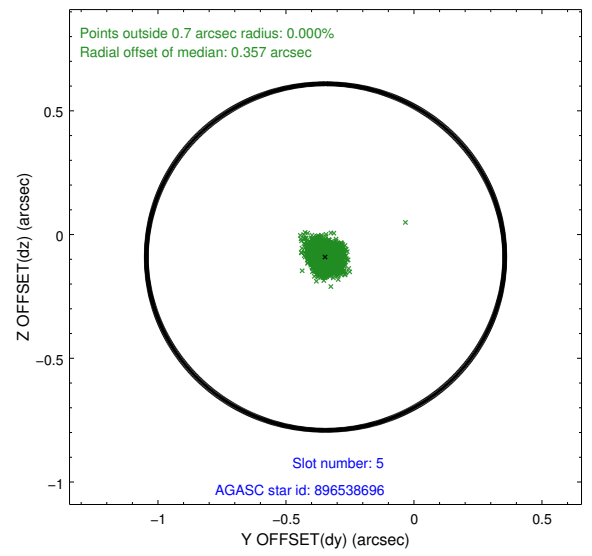
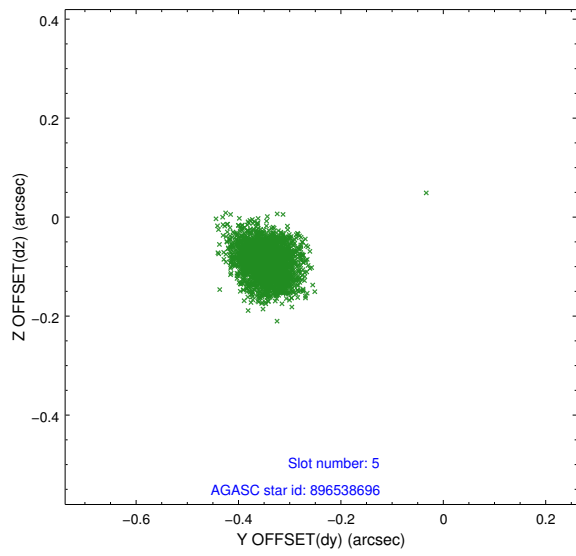
2.4.1 Slot 3



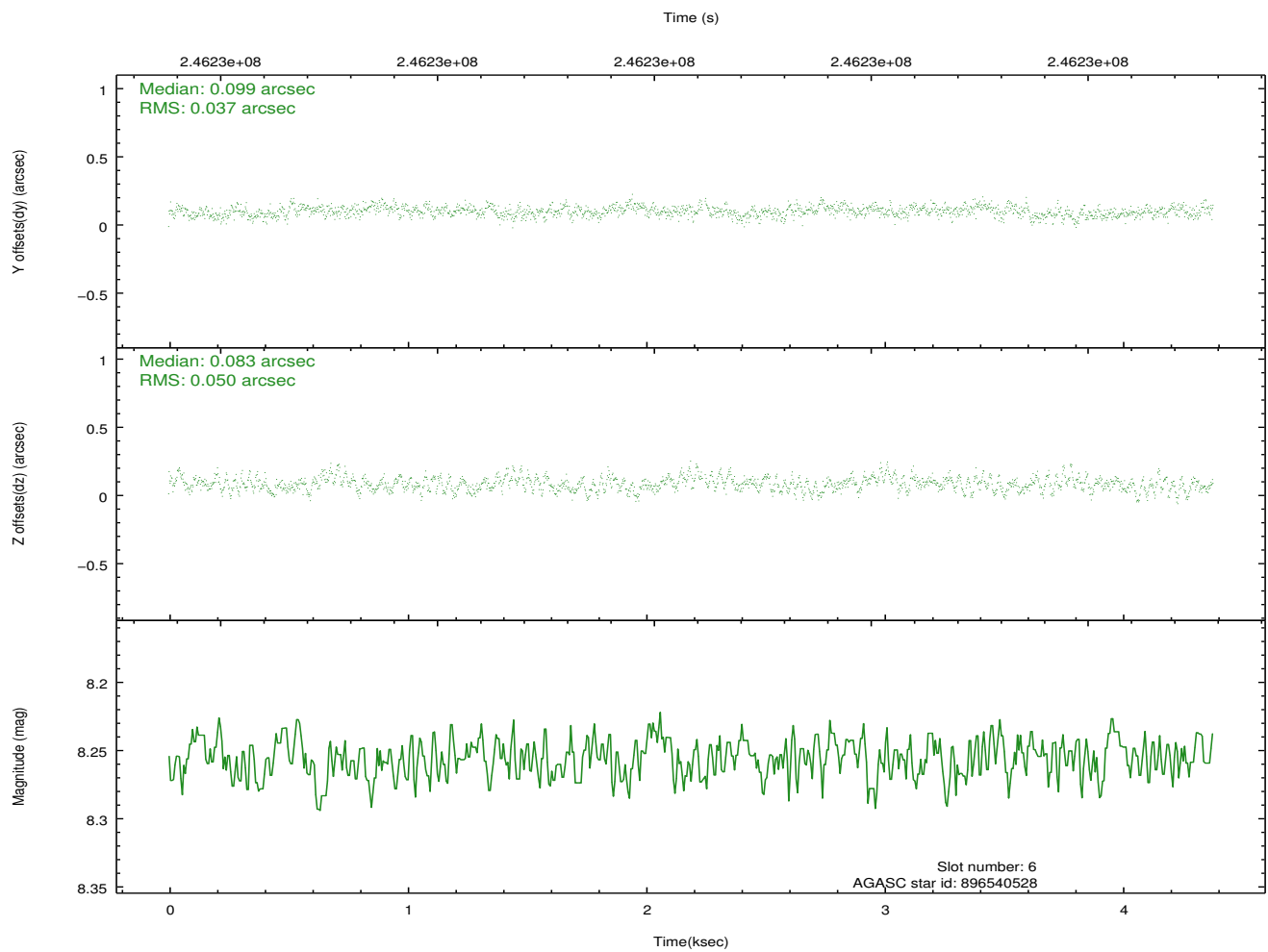
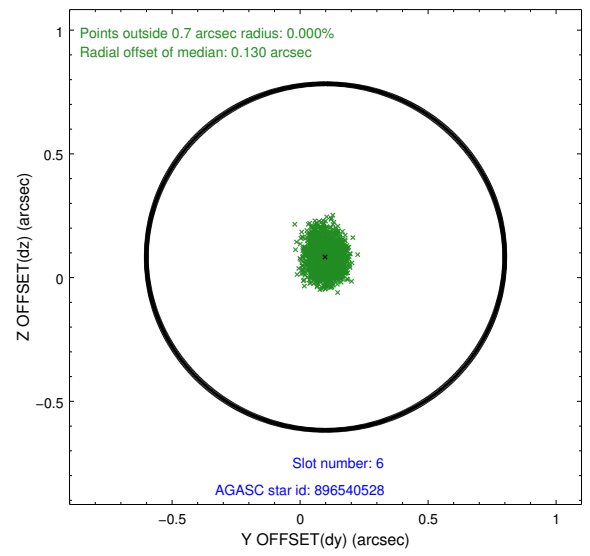
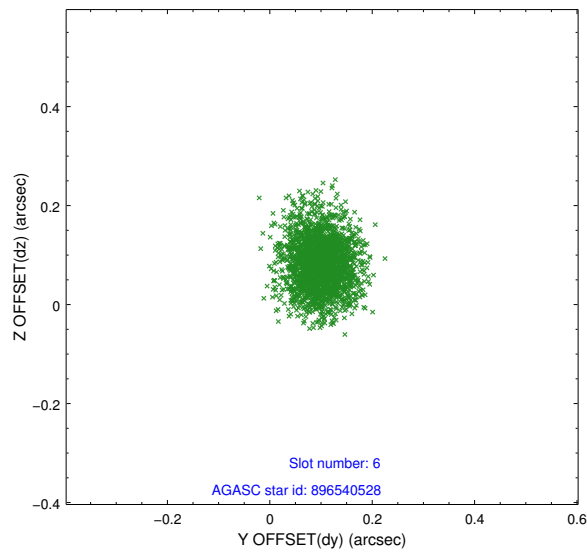
2.4.2 Slot 4



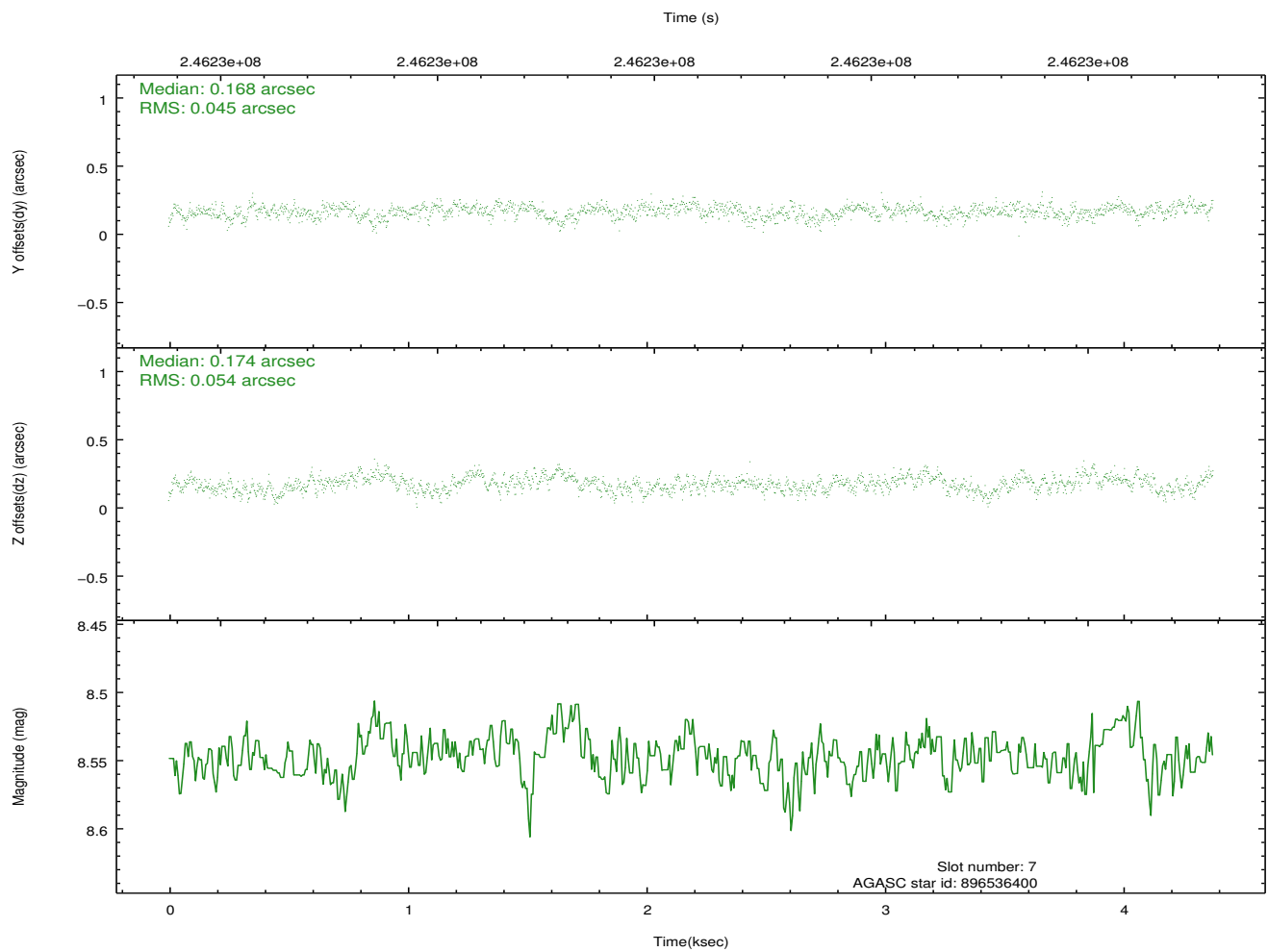
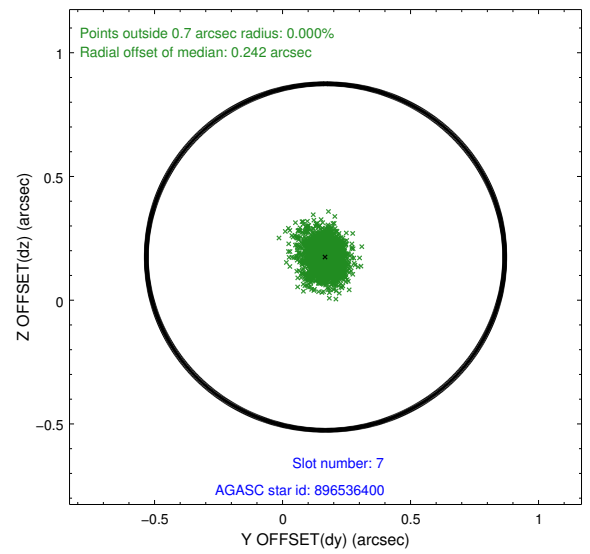
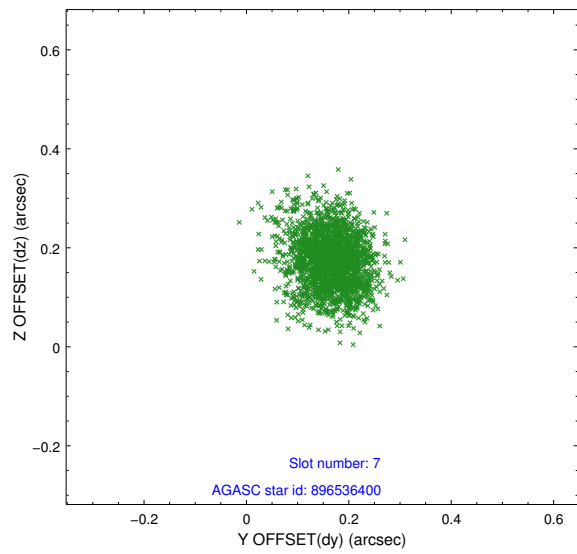
2.4.3 Slot 5



2.4.4 Slot 6

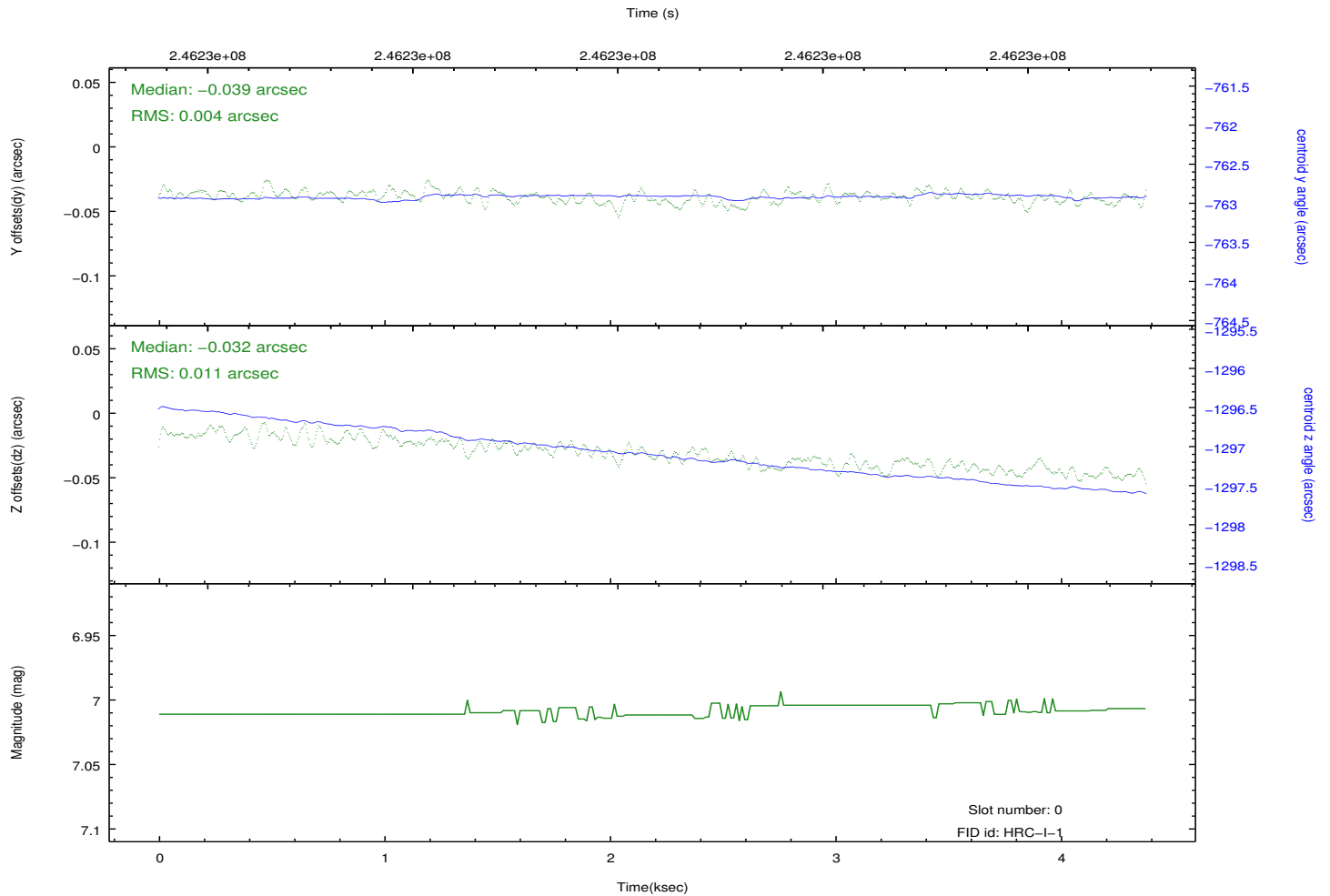
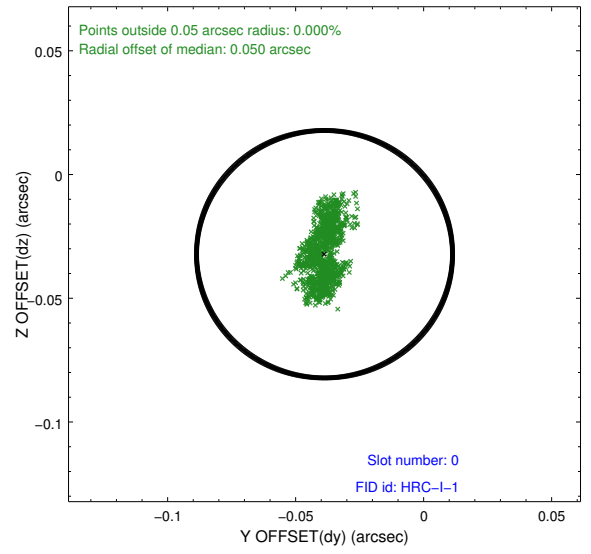
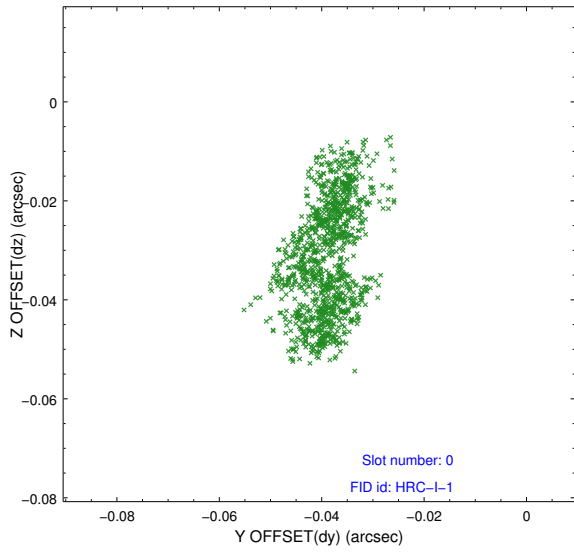


2.4.5 Slot 7

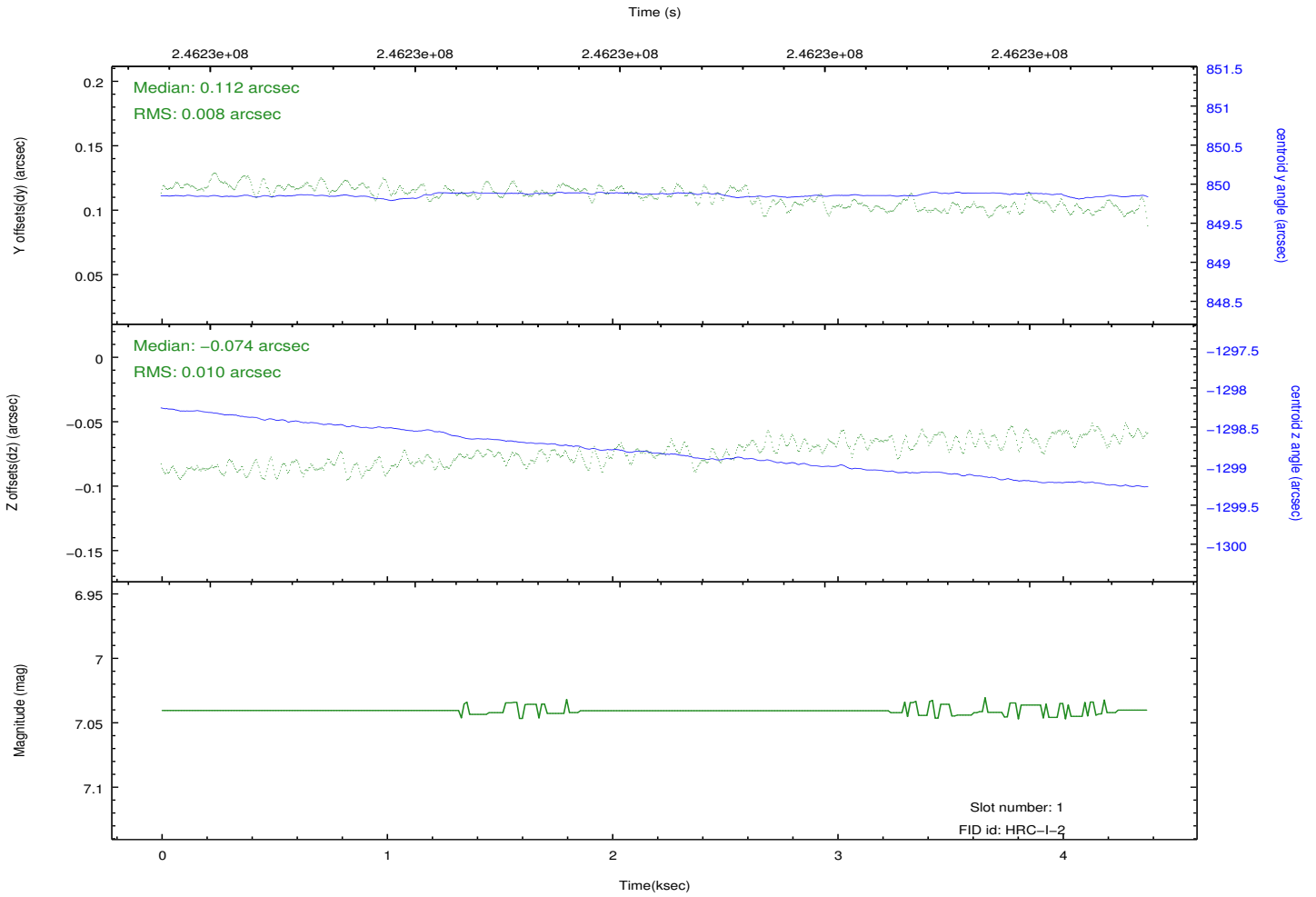
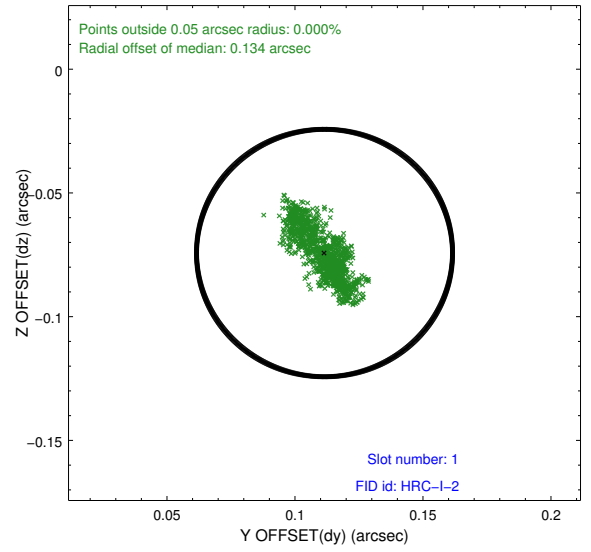
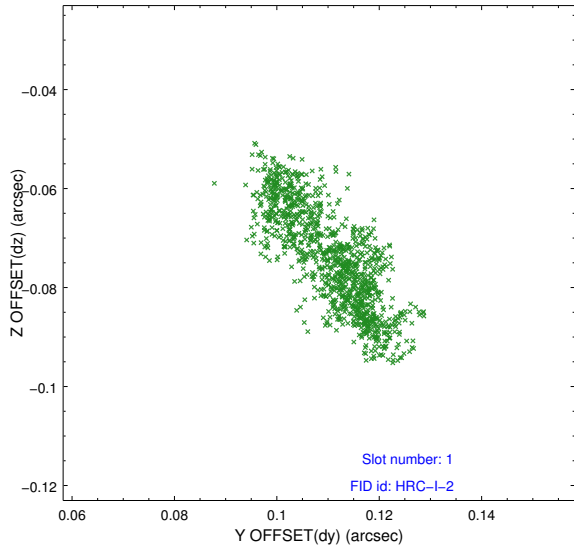


2.5 FID Slots

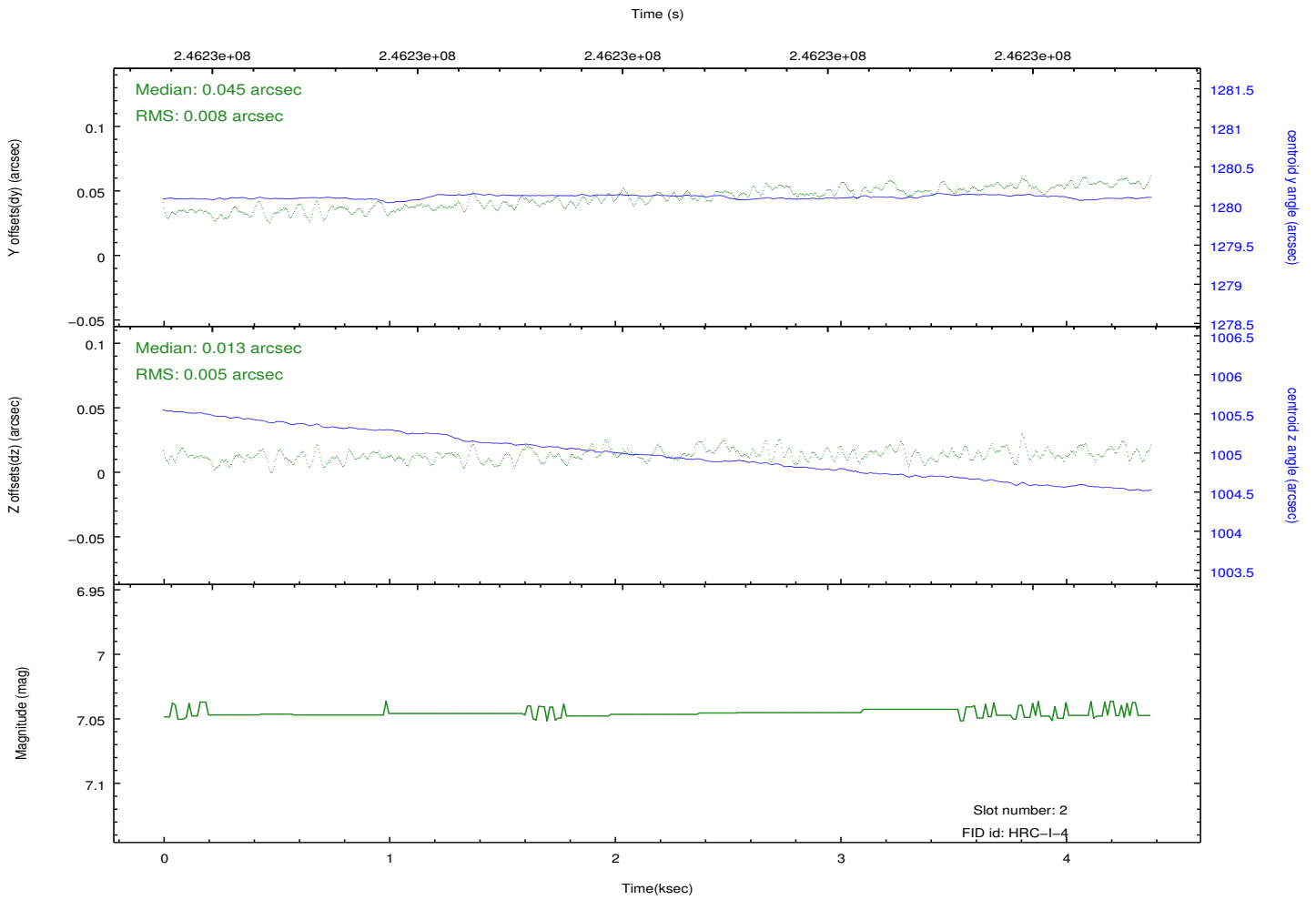
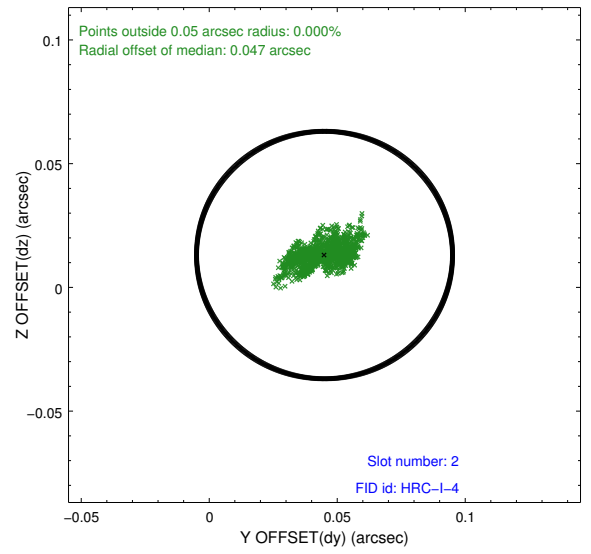
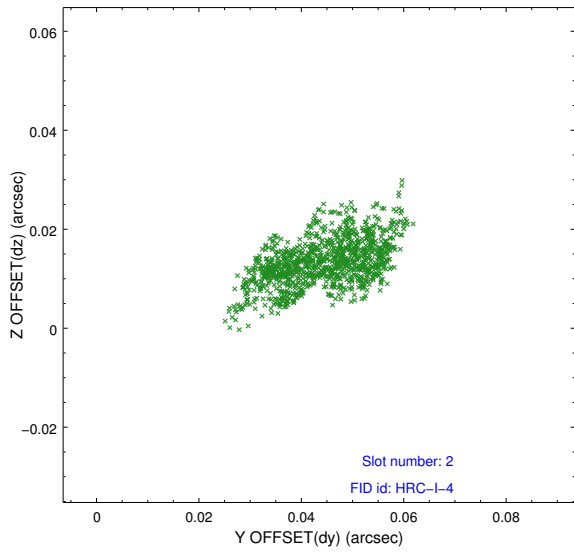
2.5.1 Slot 0



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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.379825

A.2 Comments

Joint proposal with XMM.