

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5979 - L2 Version 4
Chandra X-Ray Center

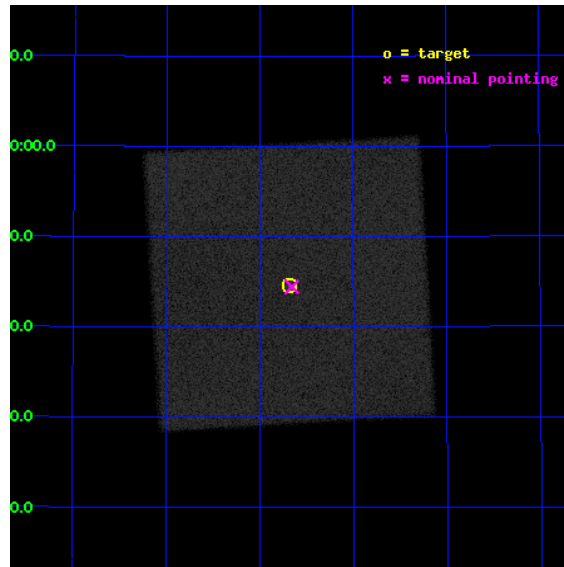
L2 Processing Date : Dec 29 2012

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1 Front

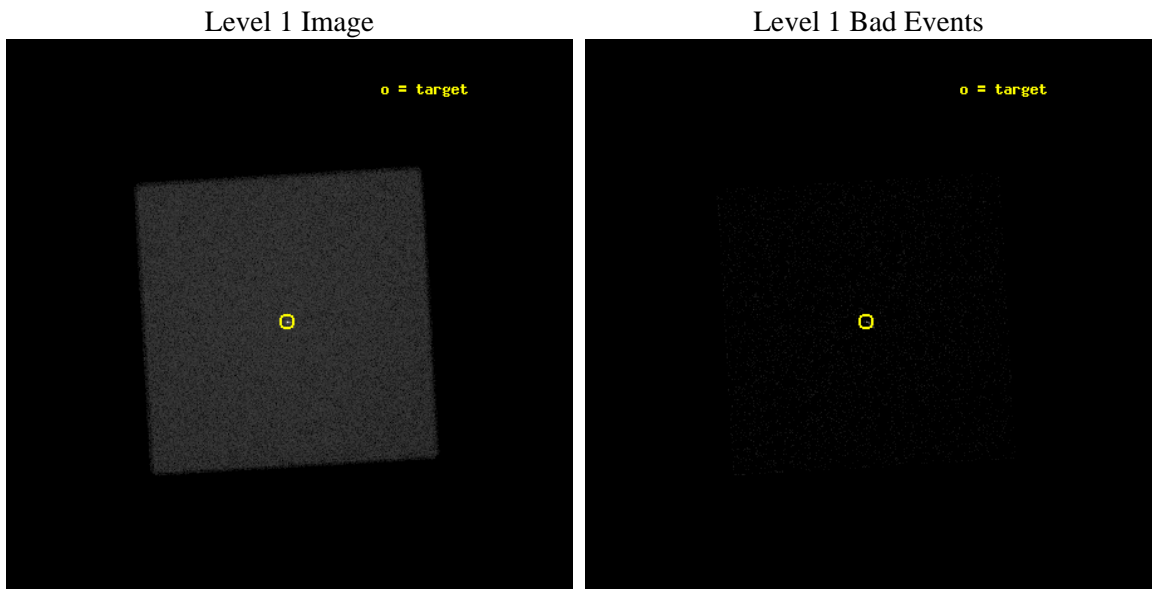
seq_num	290471	Sequence number
obs_id	5979	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16461204166	Nominal RA [deg]
dec_nom	45.741002024467	Nominal Dec [deg]
roll_nom	221.61579388149	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3143.9313946366	[s]
livetime	2698.4792969165	Ontime multiplied by DTCOR
l2events	266708	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	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	3143.9313946366	[s]
caldbver	4.5.5	 	l1events	491470	Number of level 1 events
date	2012-12-29T12:59:23	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

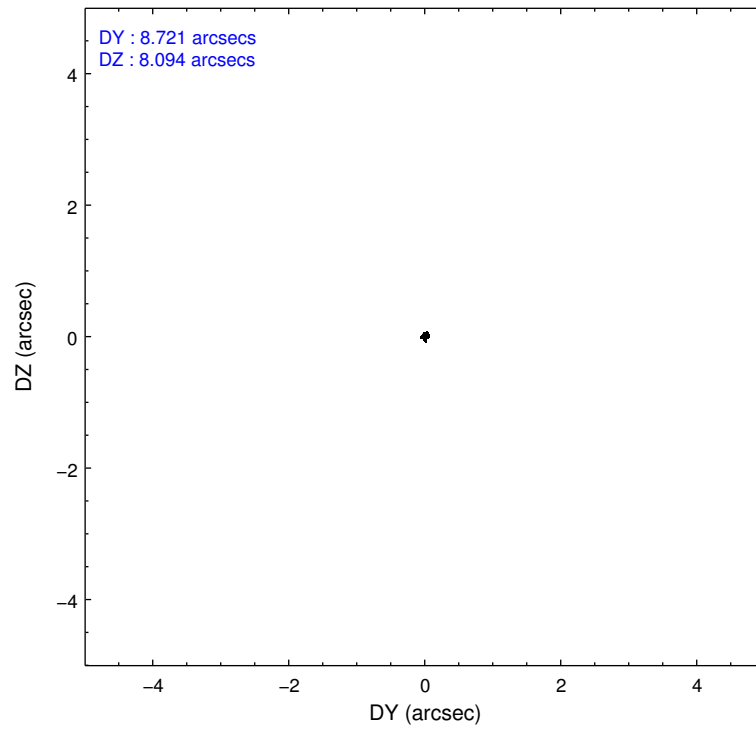
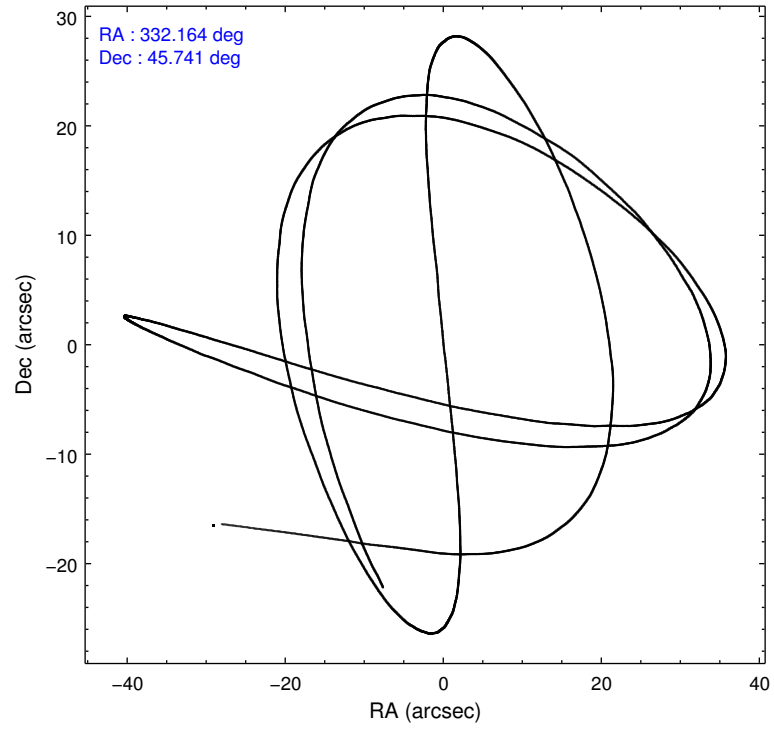
Level 1 Events

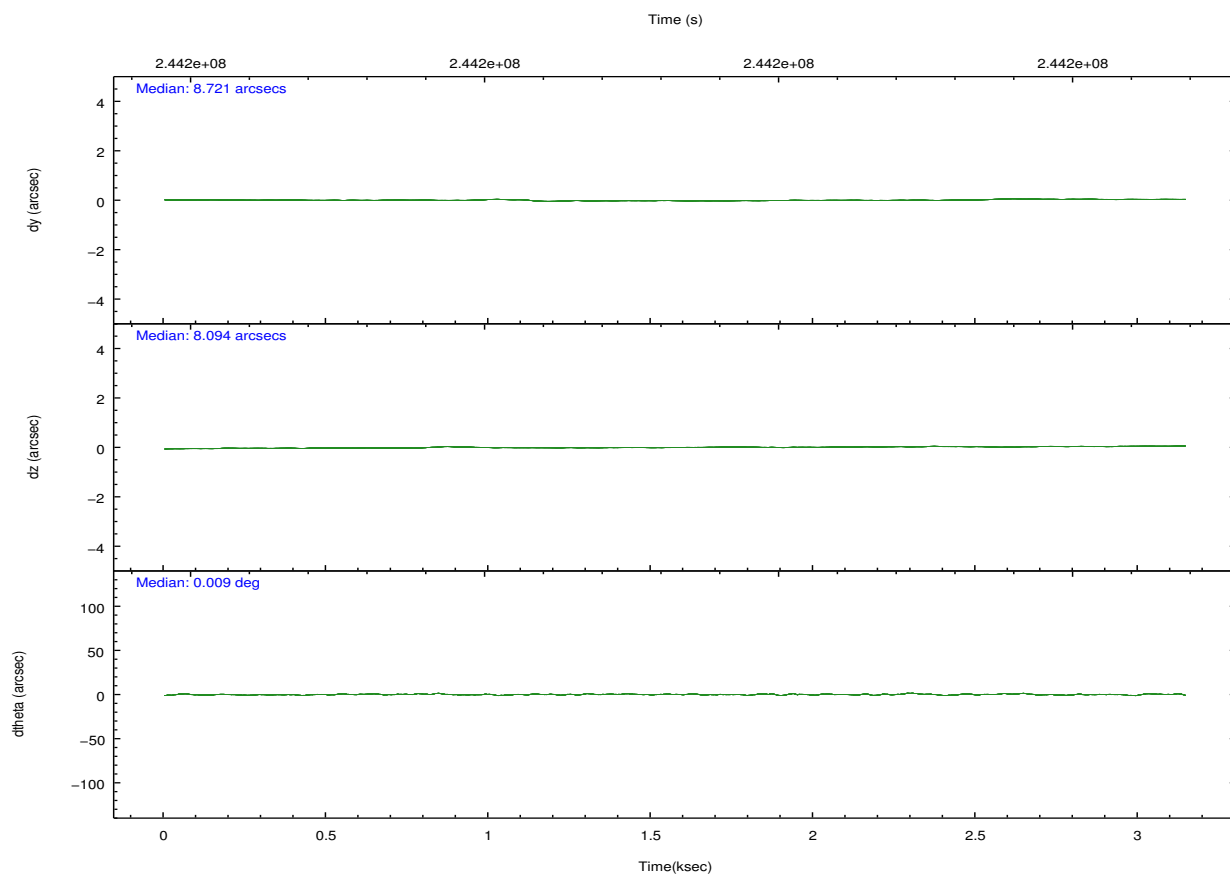
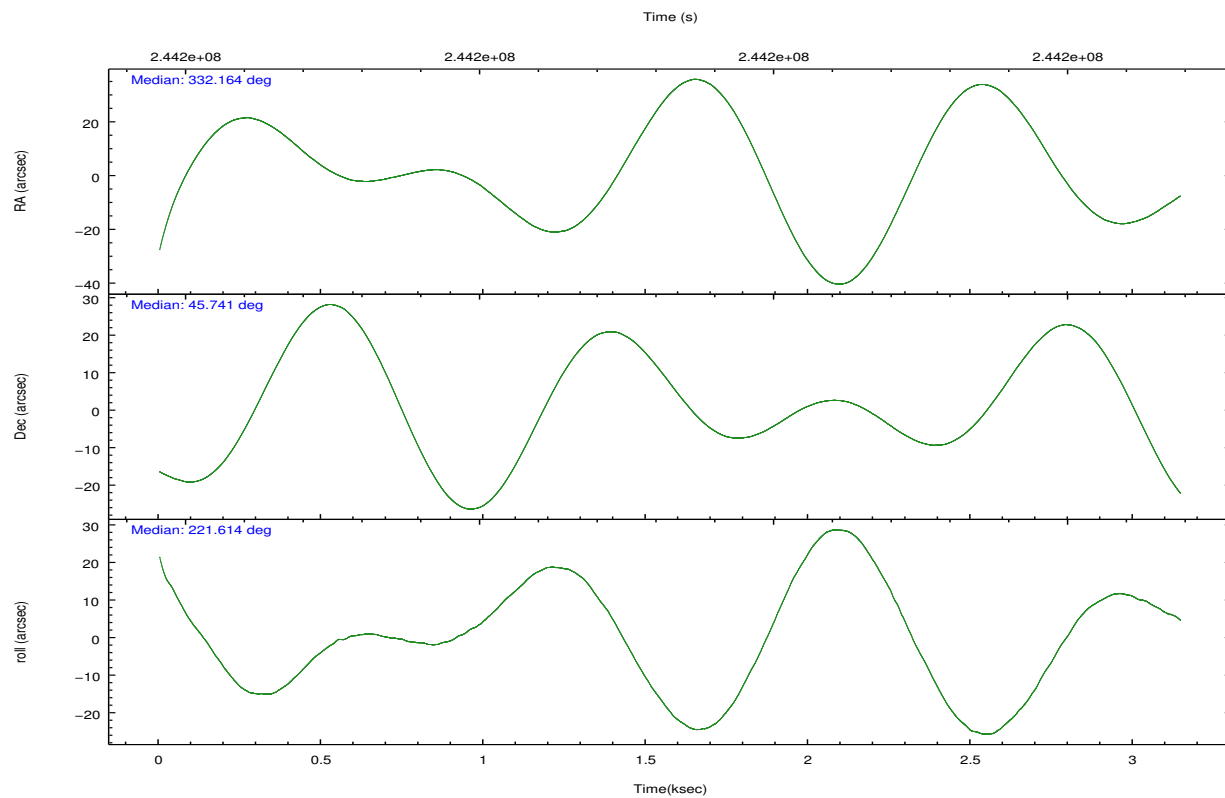
	segment 0
level 1 events	491470
rejected events	136538
rejected %	27%

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	332.175745	332.1646120416594			
[deg] Pointing Dec	45.766862	45.74100202446689			
[deg] Pointing Roll	221.703318	221.6157938814938			
[s] Window start time (MET)	241920064.184000	241920064.184000			
[s] Window stop time (MET)	244425664.184000	244425664.184000			
[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)	244197222.184000	244195584.23443			
Observation start date	2005-09-27T08:32:38	2005-09-27T08:06:24			
[s] Observation end time (MET)	244200222.184000	244200356.12215			
Observation end date	2005-09-27T09:22:38	2005-09-27T09:25:56			

2.3 Aspect



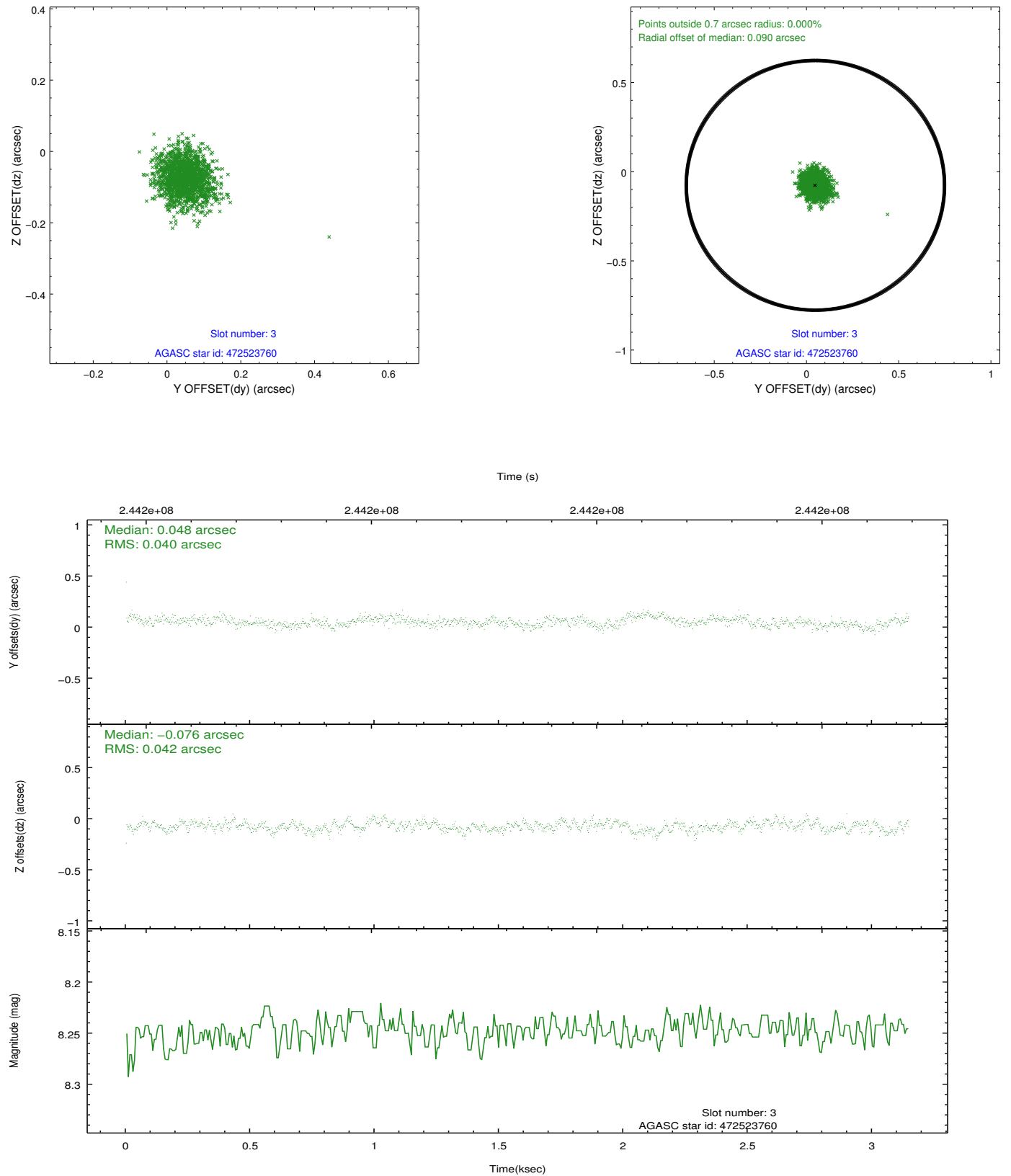


Slot Statistics

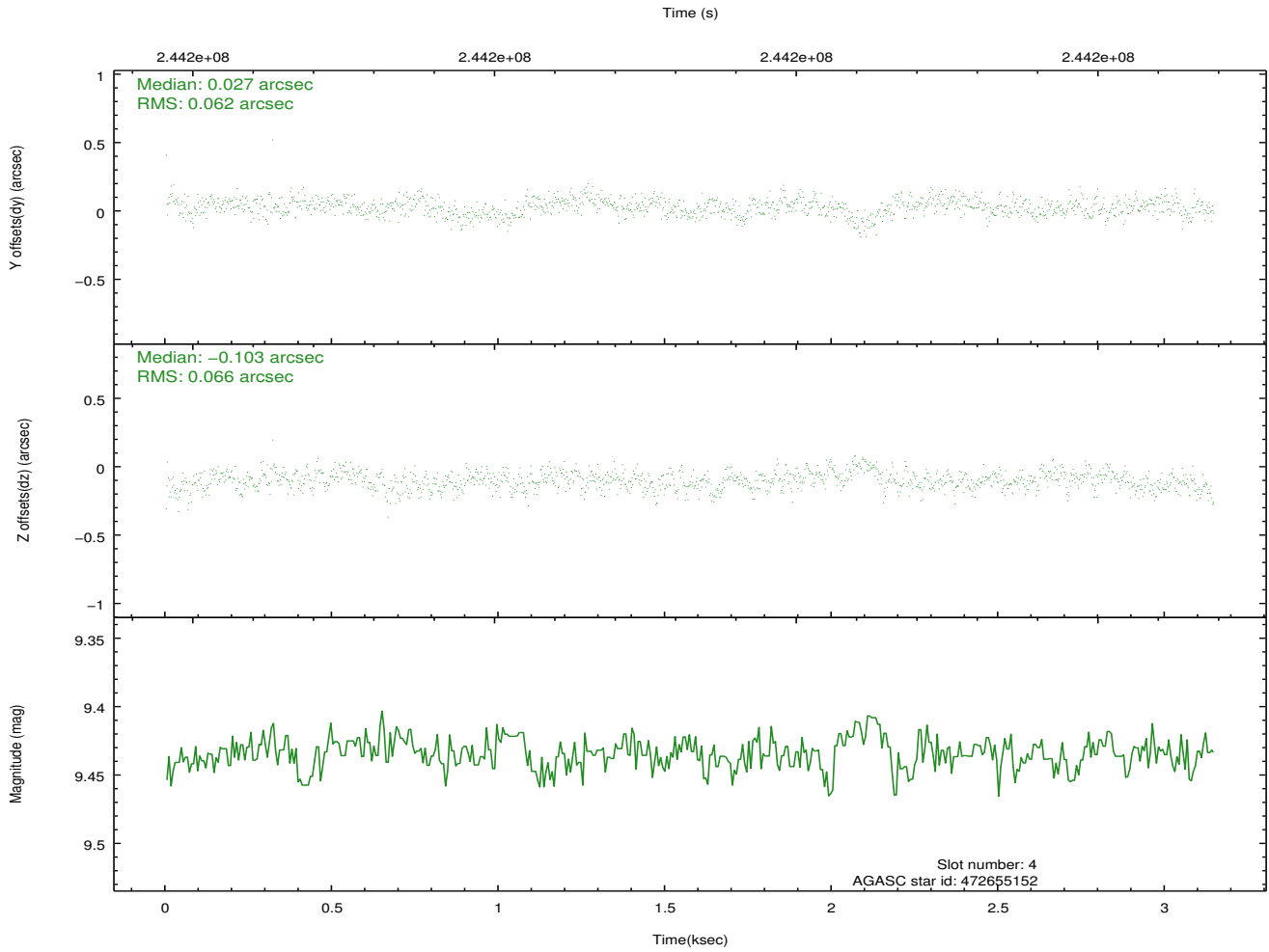
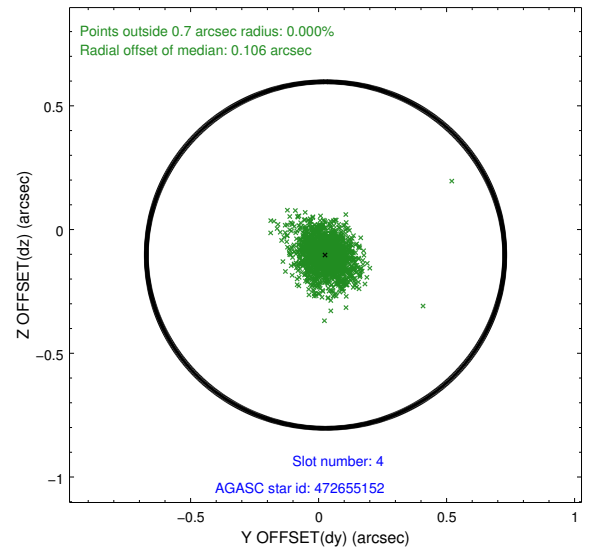
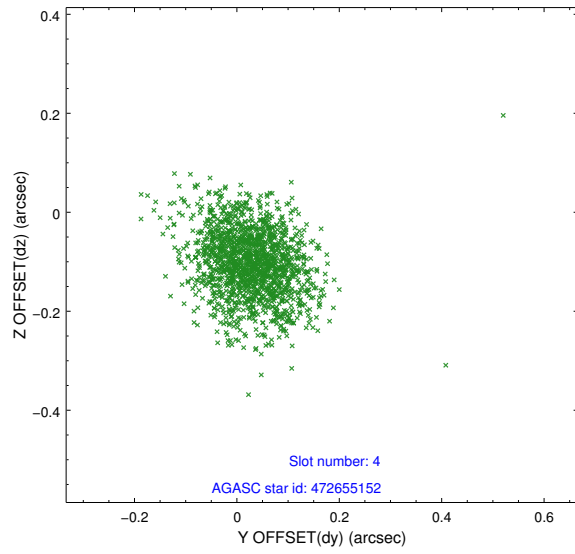
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	767	-0.008	0.053	0.008	0.017	0.000000	0.000000	-764.38	-1295.92
1	FID	HRC-I-2	7.02	767	0.162	-0.131	0.006	0.011	0.000000	0.000000	847.43	-1299.37
2	FID	HRC-I-3	7.07	768	-0.034	-0.010	0.007	0.012	0.000000	0.000000	-1191.77	1006.90
3	GUIDE	472523760	8.25	1533	0.048	-0.076	0.062	0.100	331.645363	45.403260	1869.86	82.00
4	GUIDE	472655152	9.43	1535	0.027	-0.103	0.094	0.157	332.504239	45.862991	-843.97	288.15
5	GUIDE	472665256	9.01	1534	0.105	0.106	0.077	0.124	332.808125	46.195041	-2205.61	-106.99
6	GUIDE	472533912	9.16	1532	0.039	0.021	0.116	0.187	331.791136	46.368695	-729.96	-2255.09
7	GUIDE	472525528	6.65	1534	-0.221	0.056	0.070	0.112	331.551102	45.248694	2419.19	333.49

2.4 Star Slots

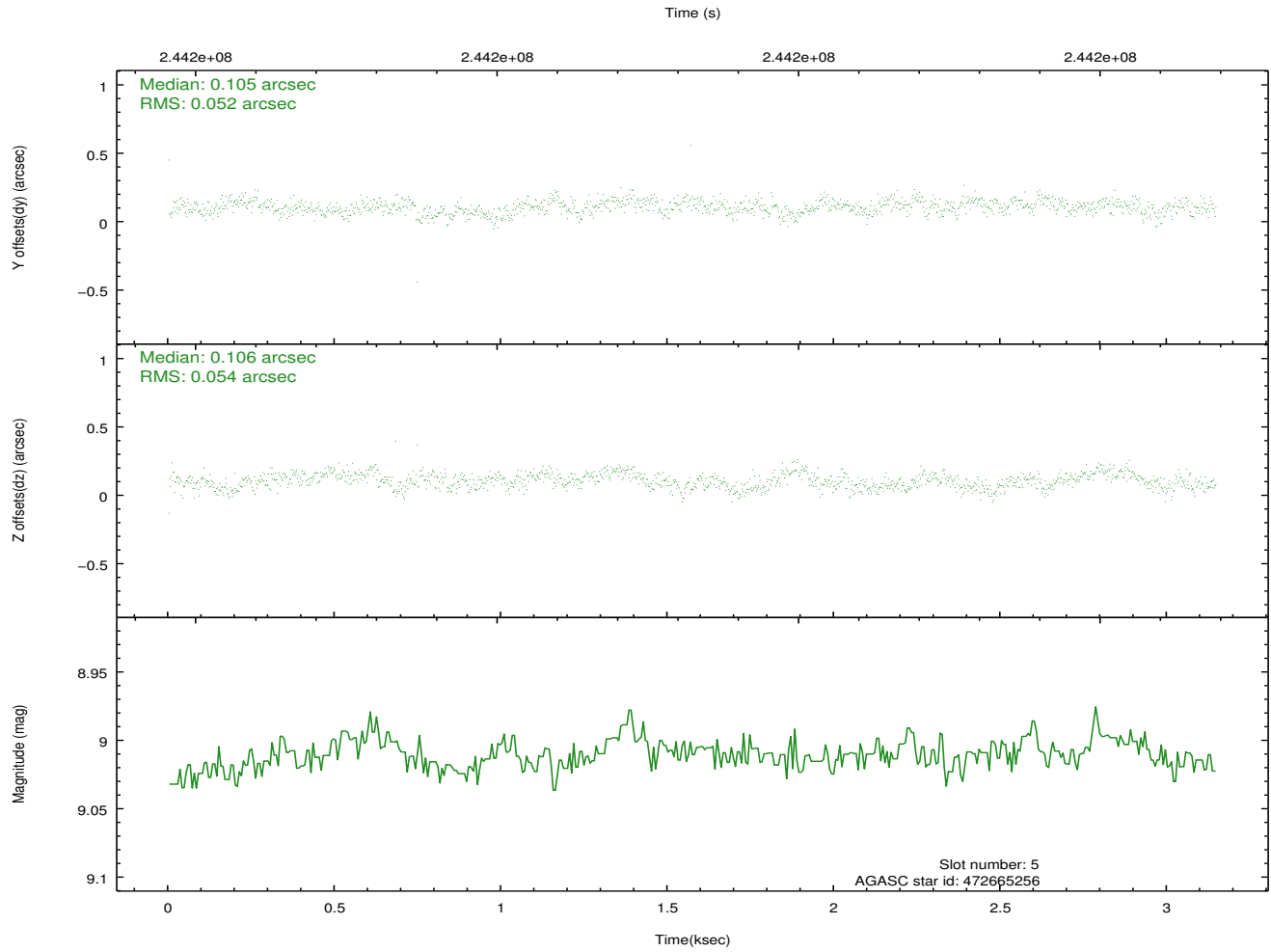
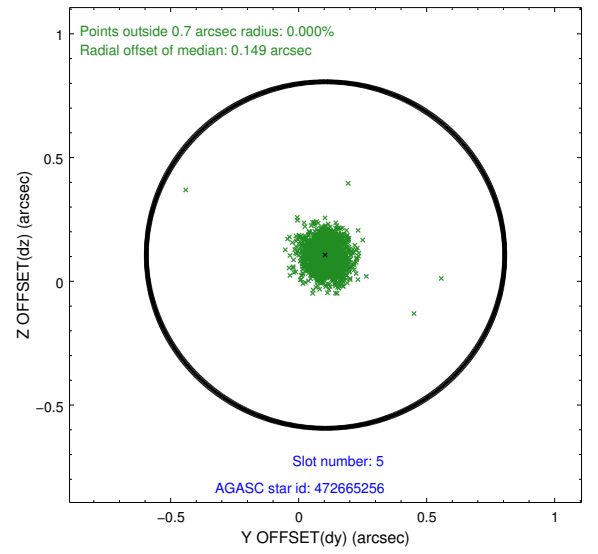
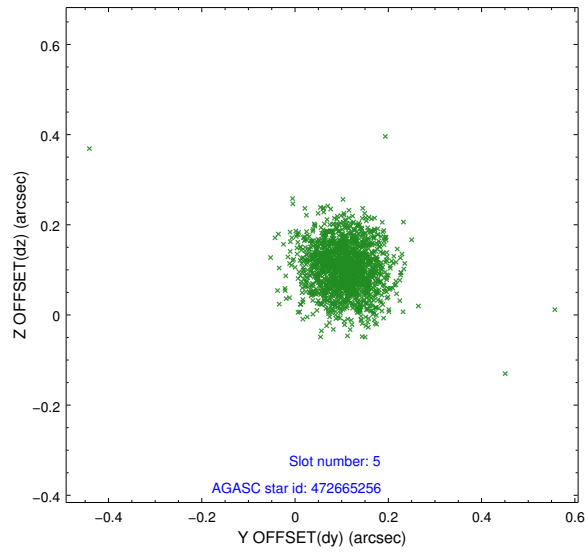
2.4.1 Slot 3



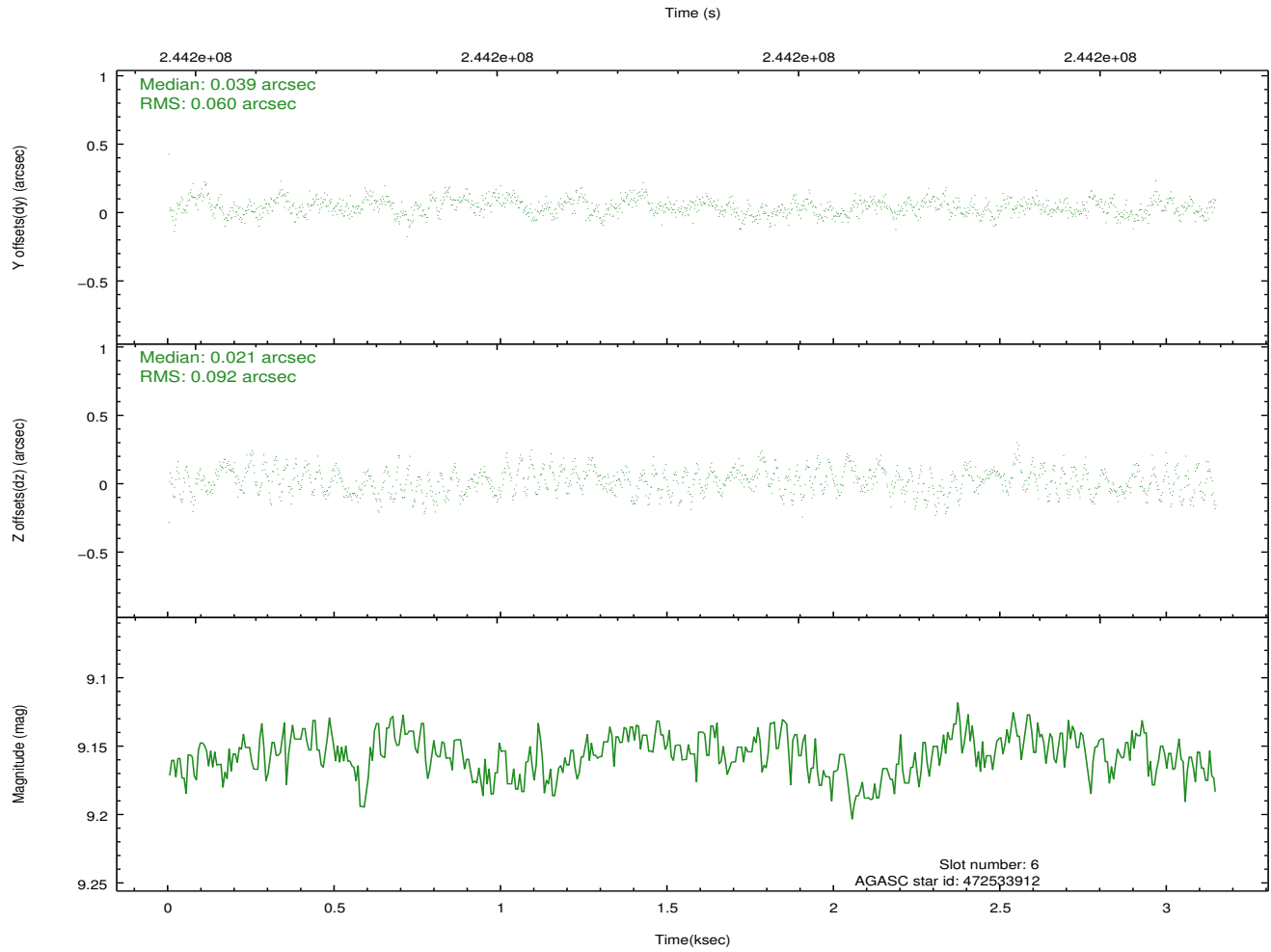
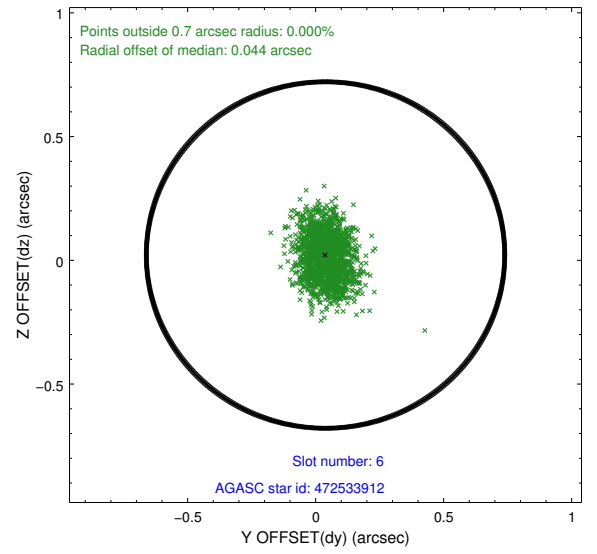
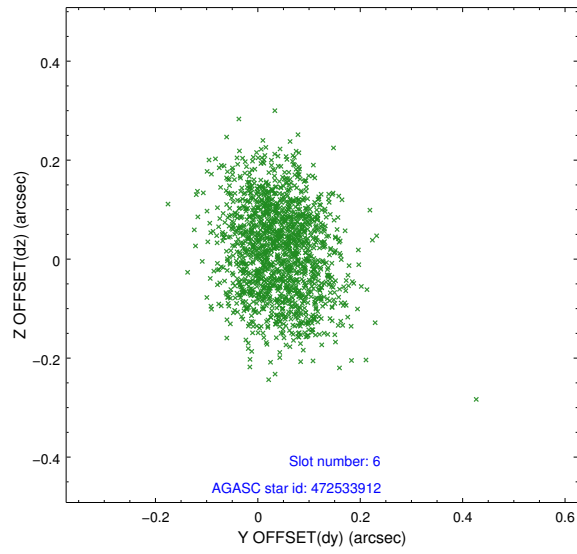
2.4.2 Slot 4



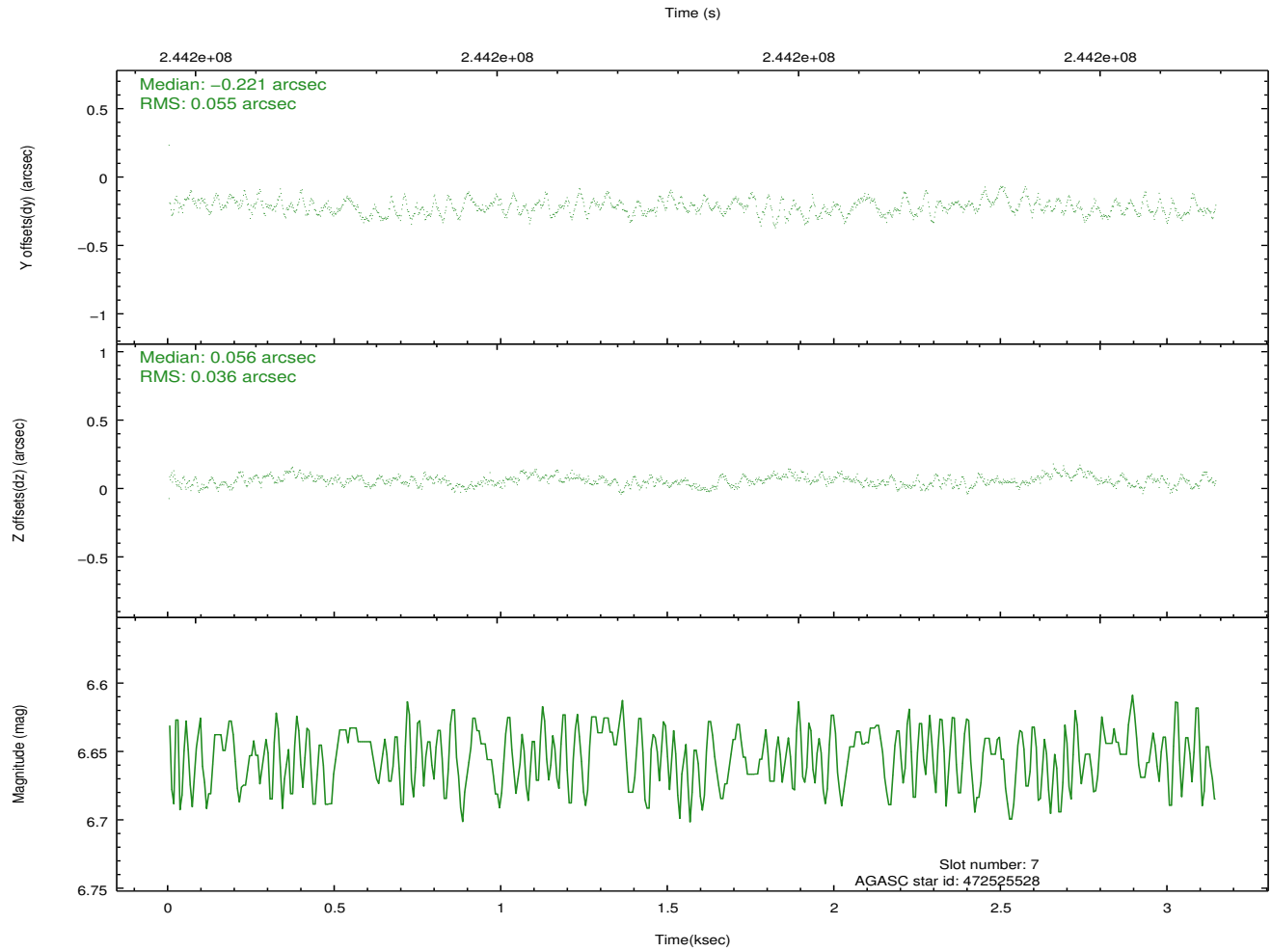
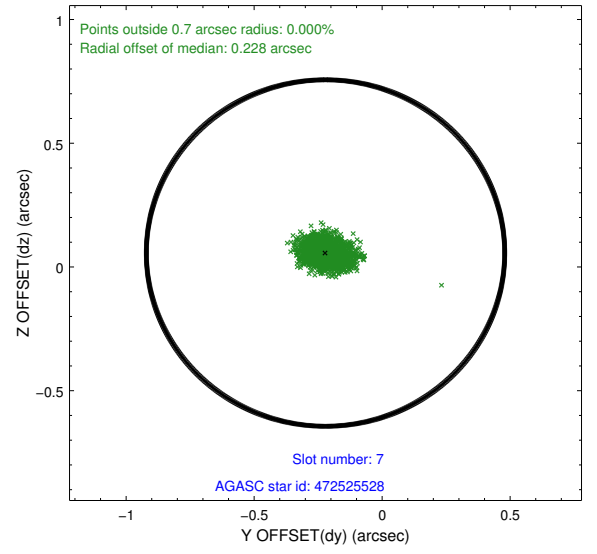
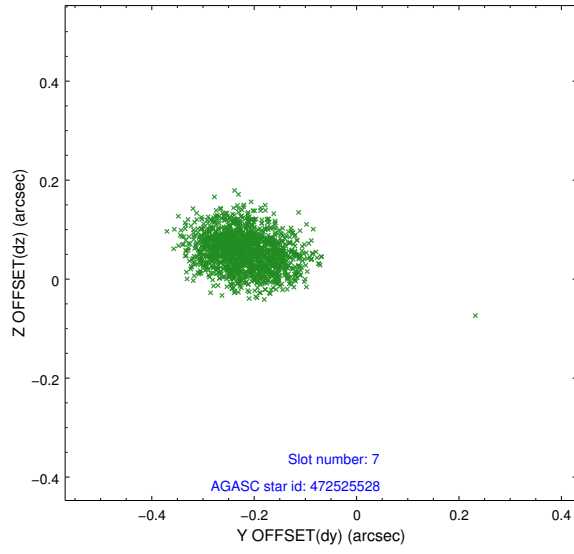
2.4.3 Slot 5



2.4.4 Slot 6

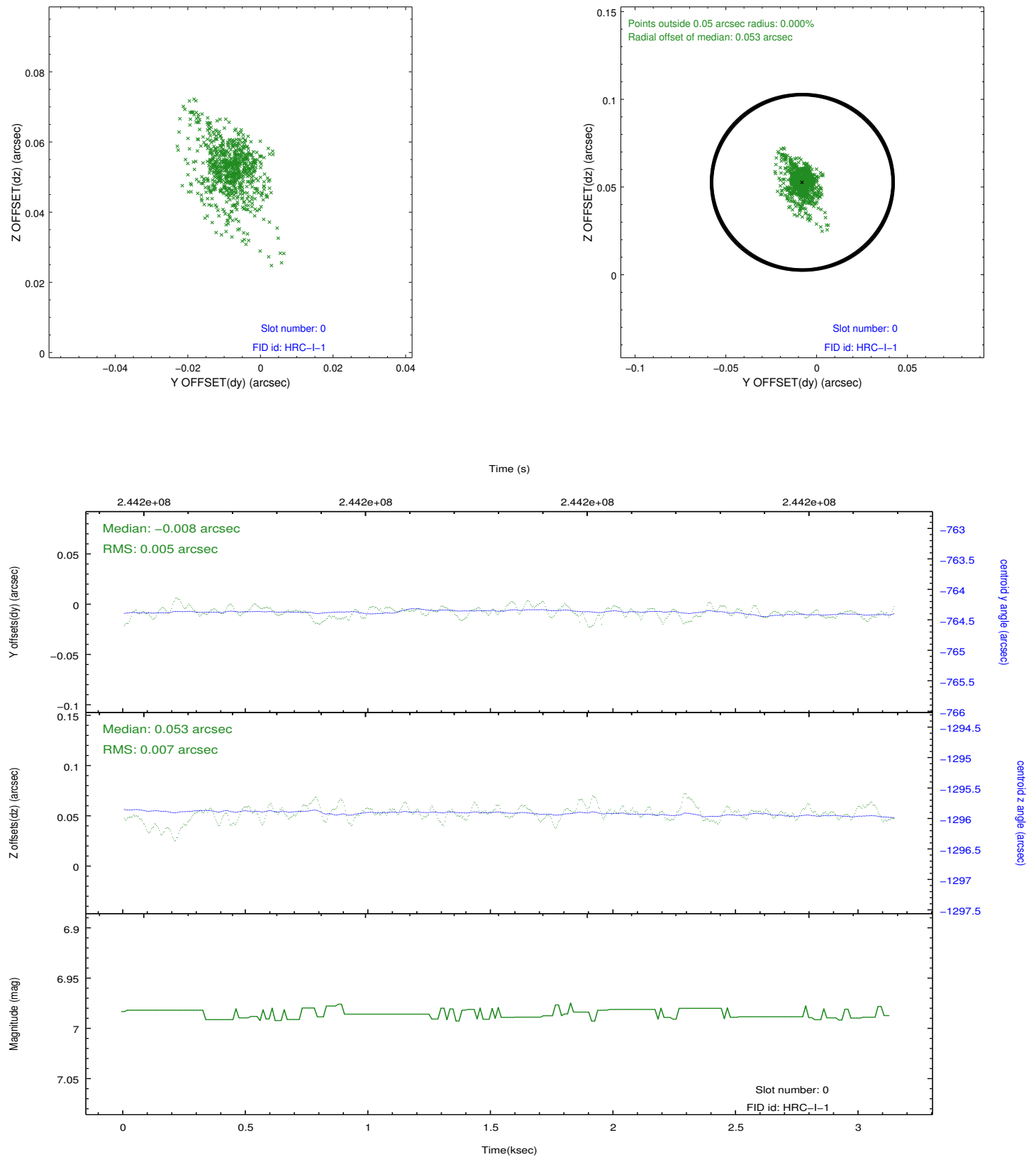


2.4.5 Slot 7

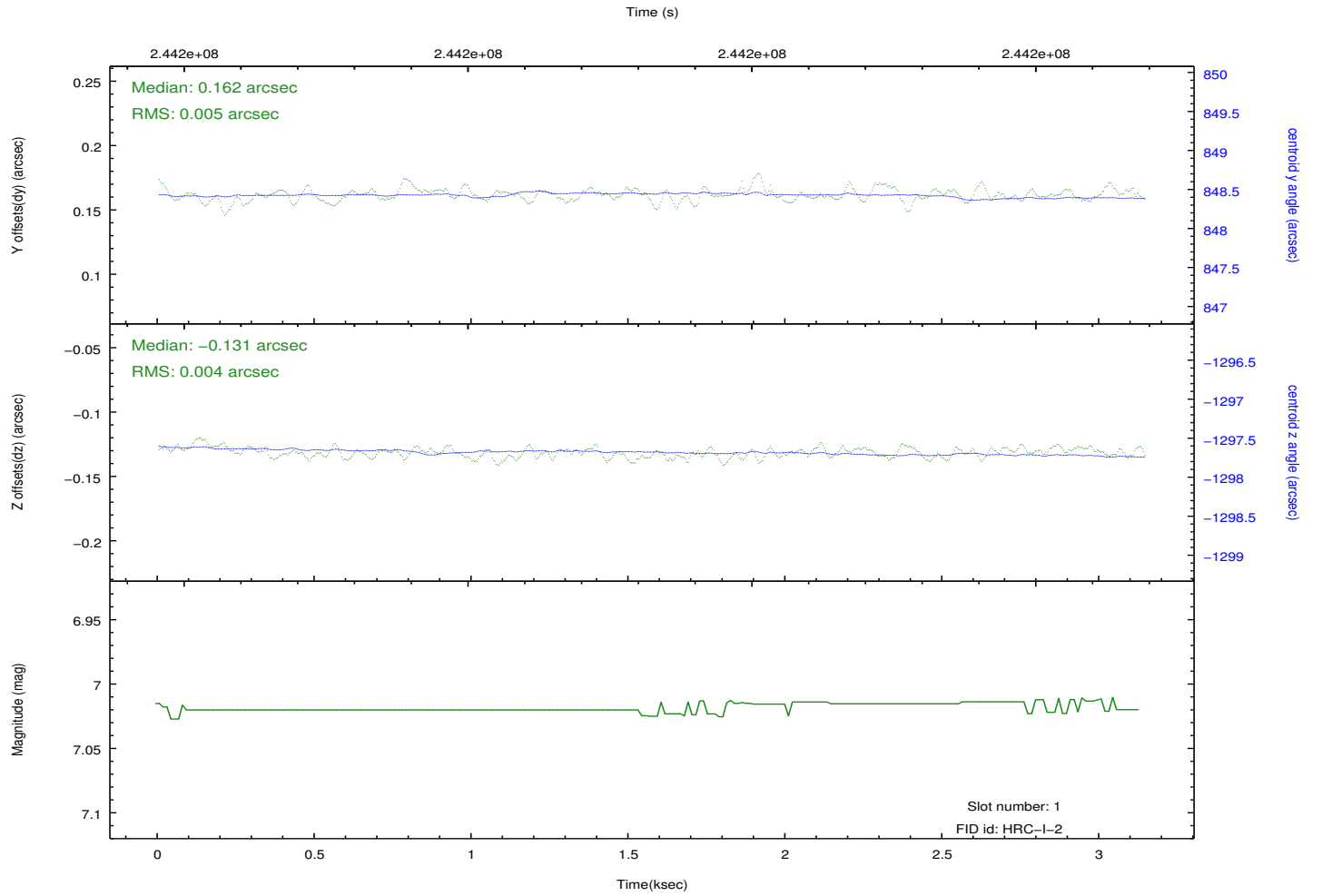
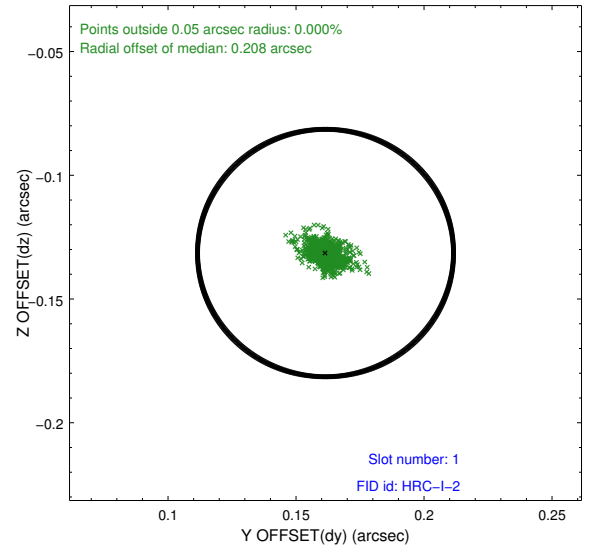
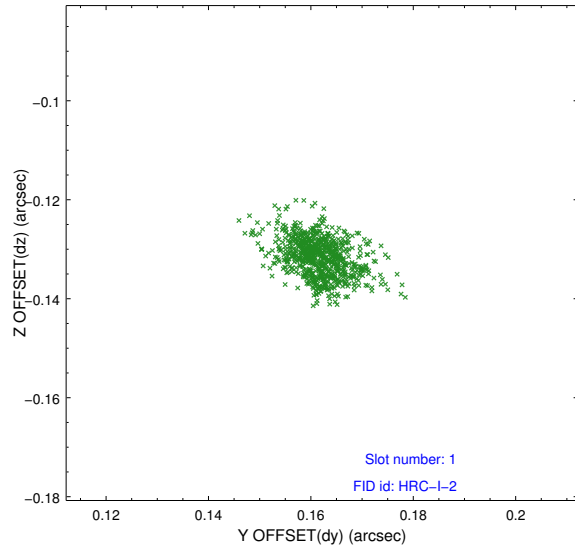


2.5 FID Slots

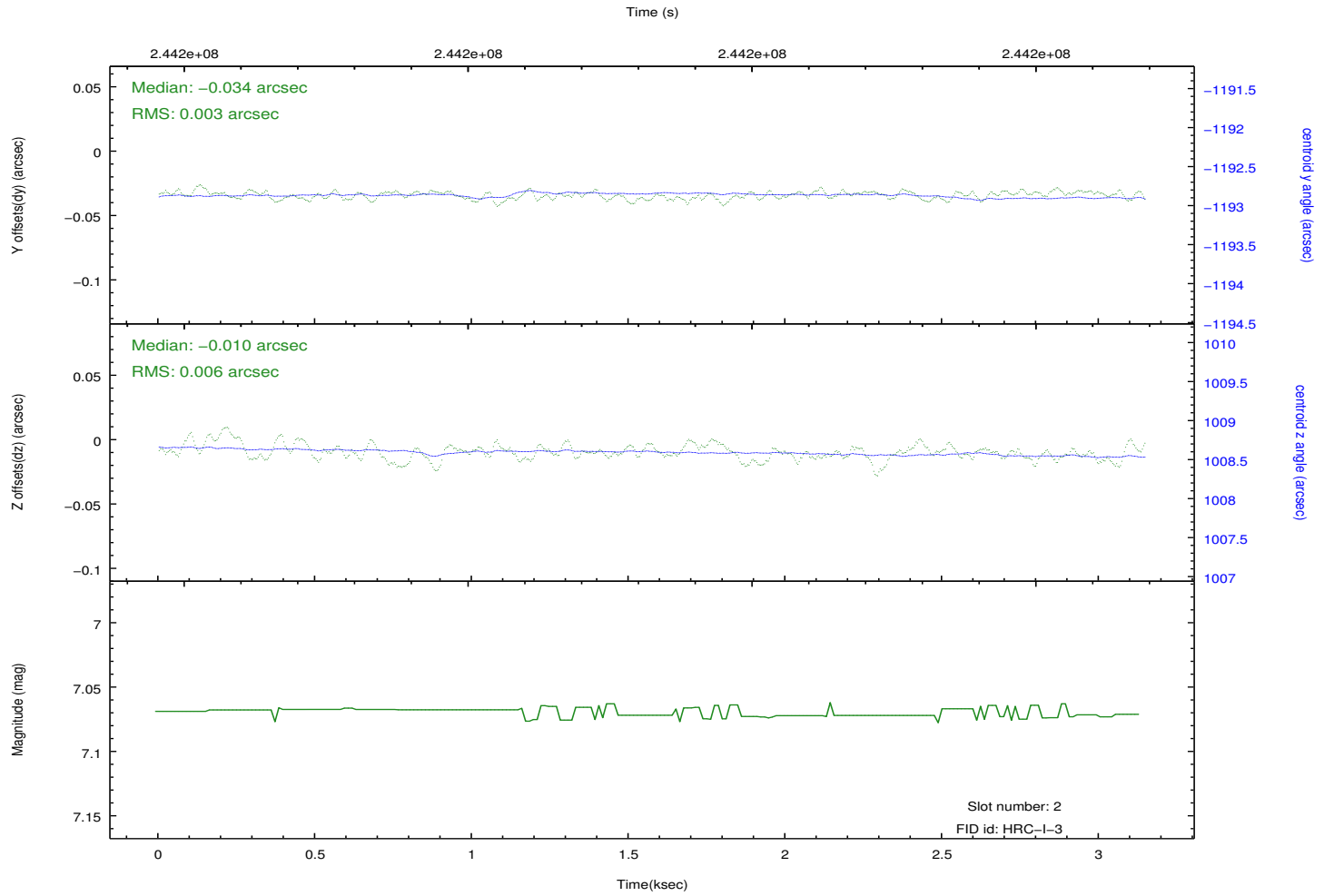
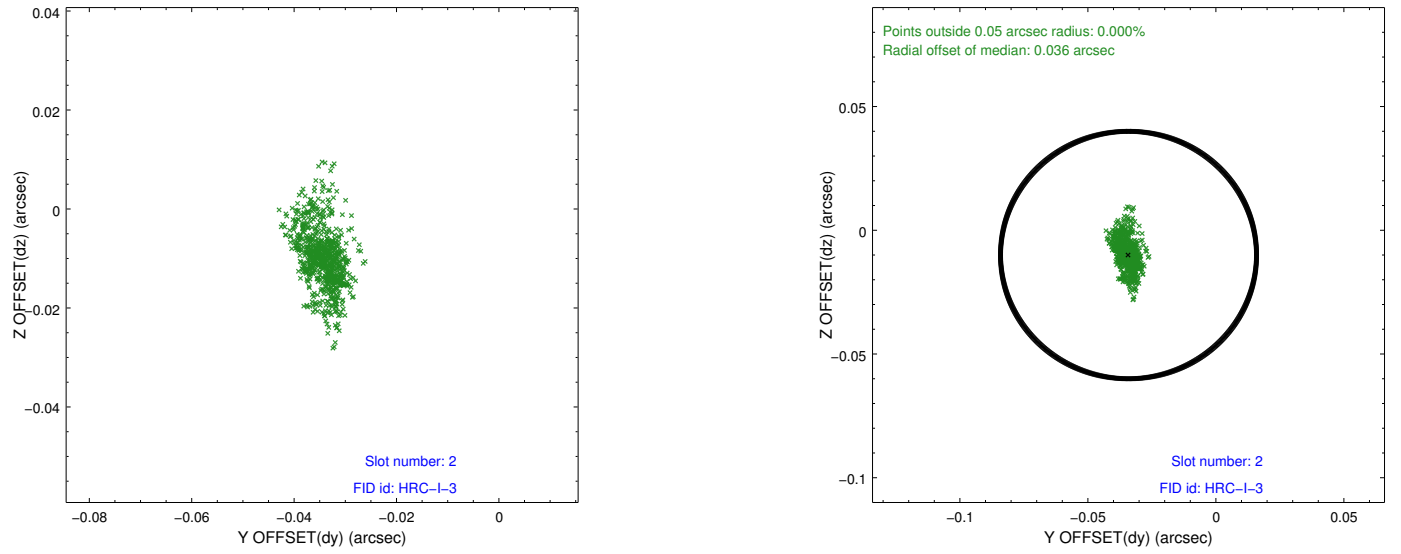
2.5.1 Slot 0



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	3.143675

A.2 Comments

Window preference met.