

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5993 - L2 Version 4
Chandra X-Ray Center

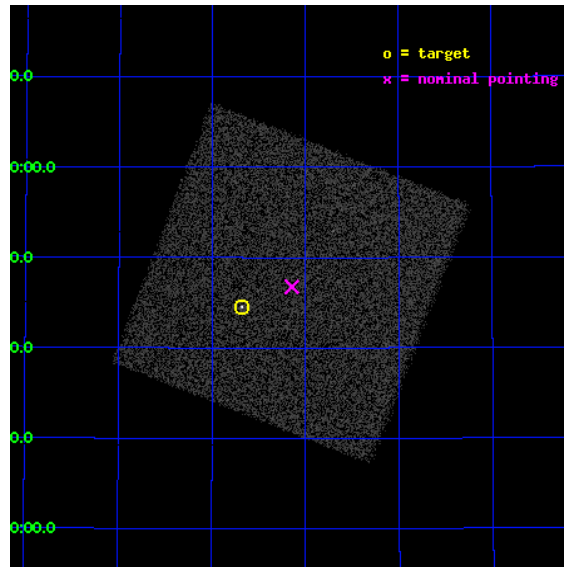
L2 Processing Date : Mar 18 2013

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1 Front

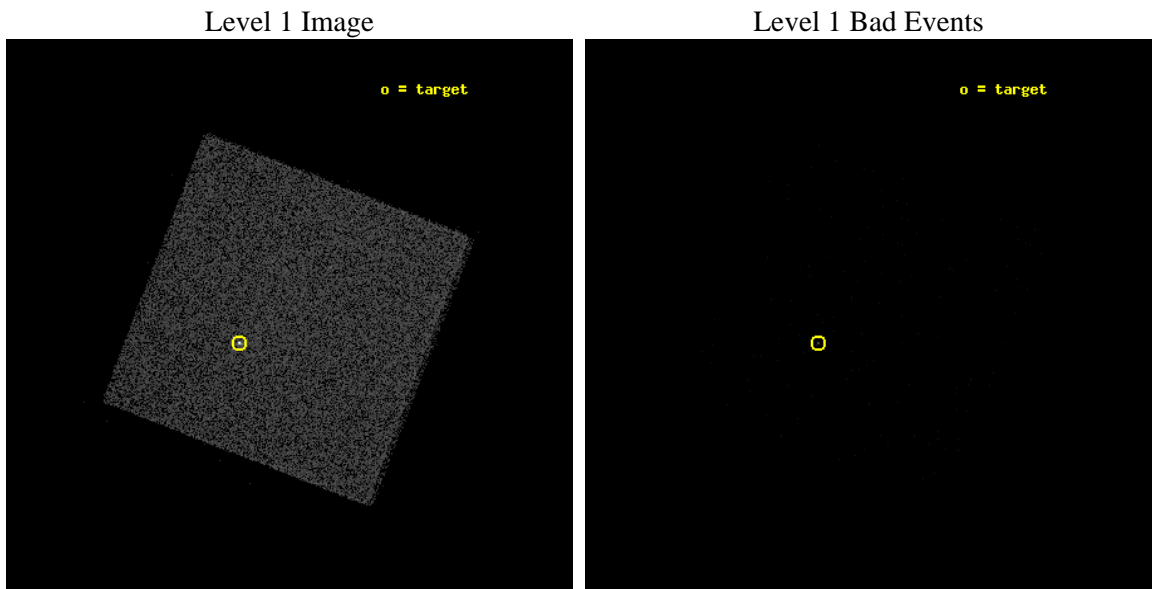
seq_num	290485	Sequence number
obs_id	5993	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.03620418972	Nominal RA [deg]
dec_nom	45.779650268008	Nominal Dec [deg]
roll_nom	246.19471481702	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1186.9500546753	[s]
livetime	1178.1117644944	Ontime multiplied by DTCOR
l2events	49362	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	1186.9500546753	[s]
caldbver	4.5.5	 	l1events	127361	Number of level 1 events
date	2012-12-30T19:37:12	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

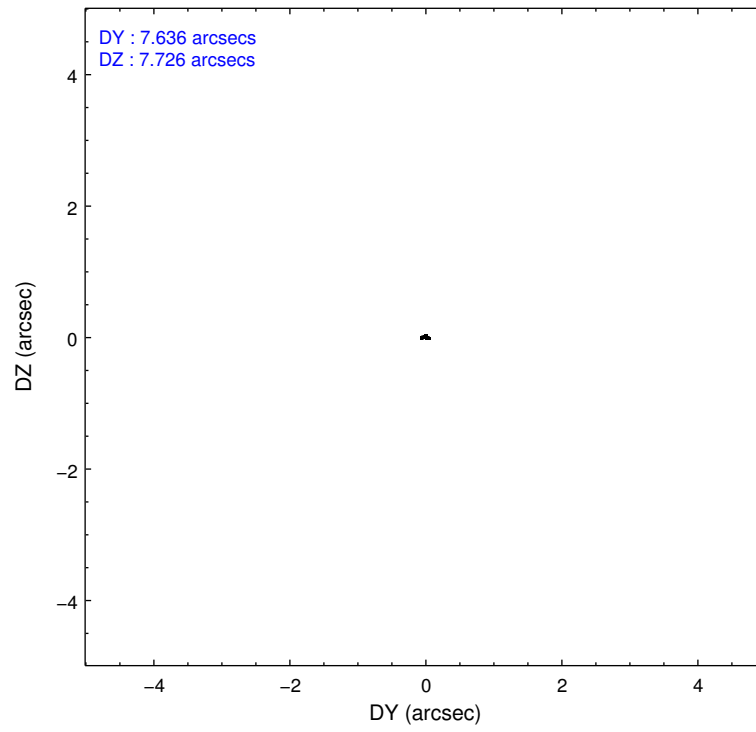
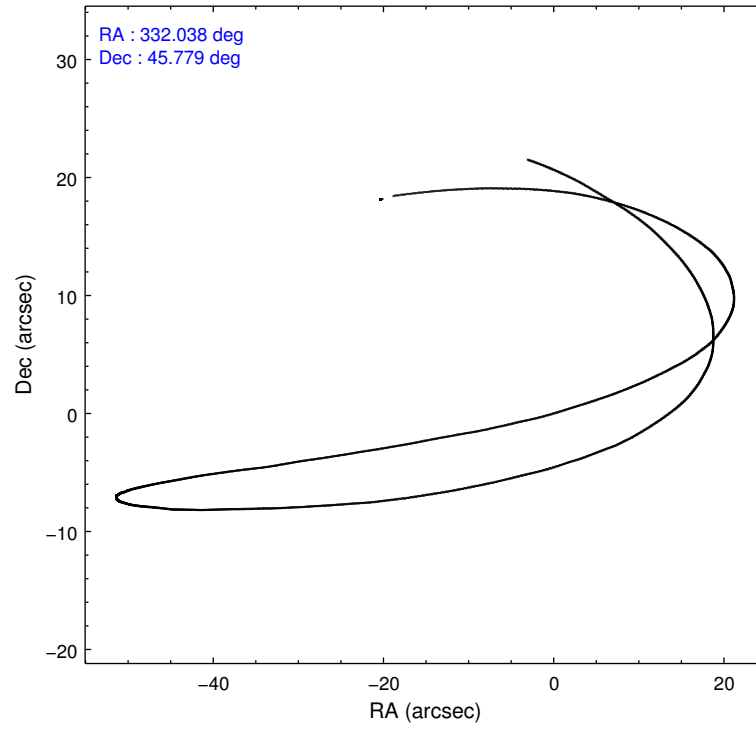
	segment 0
level 1 events	127361
rejected events	55032
rejected %	43%

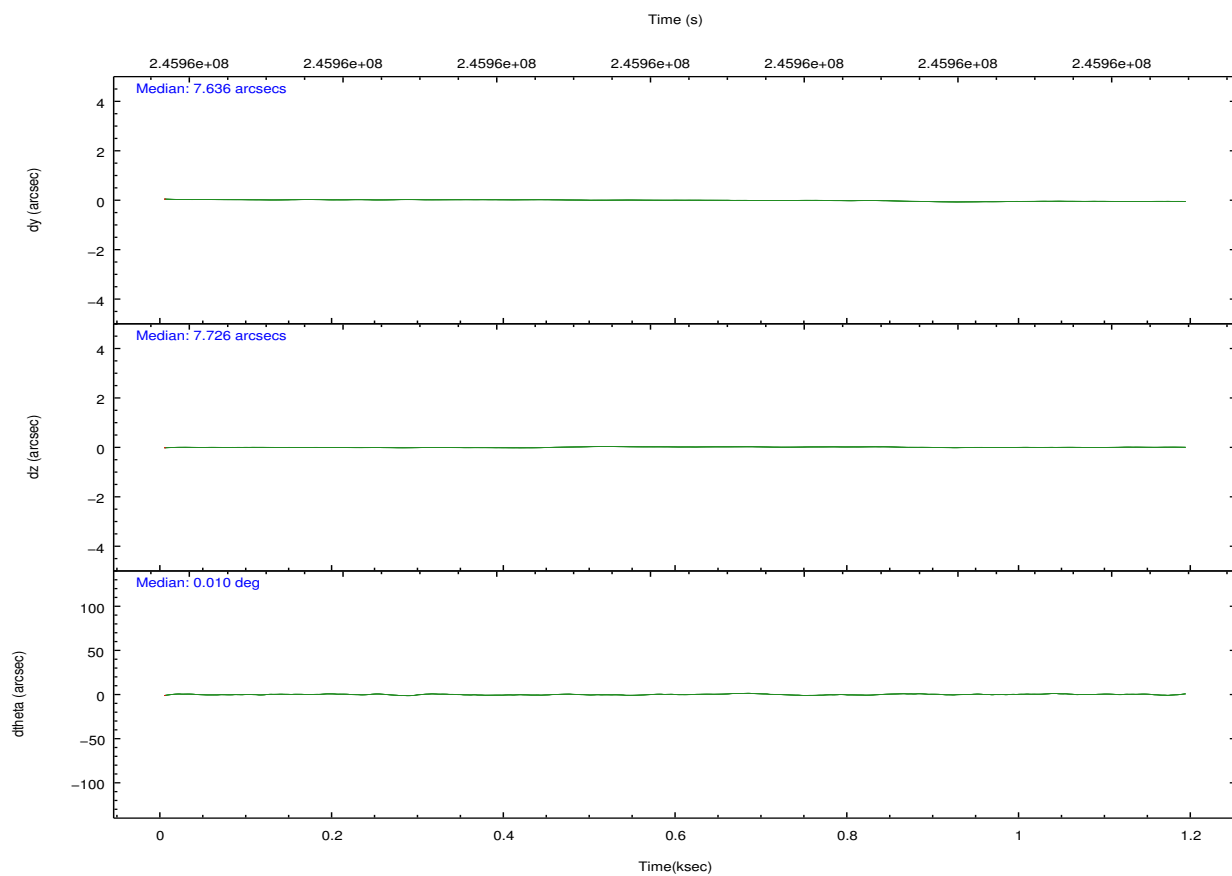
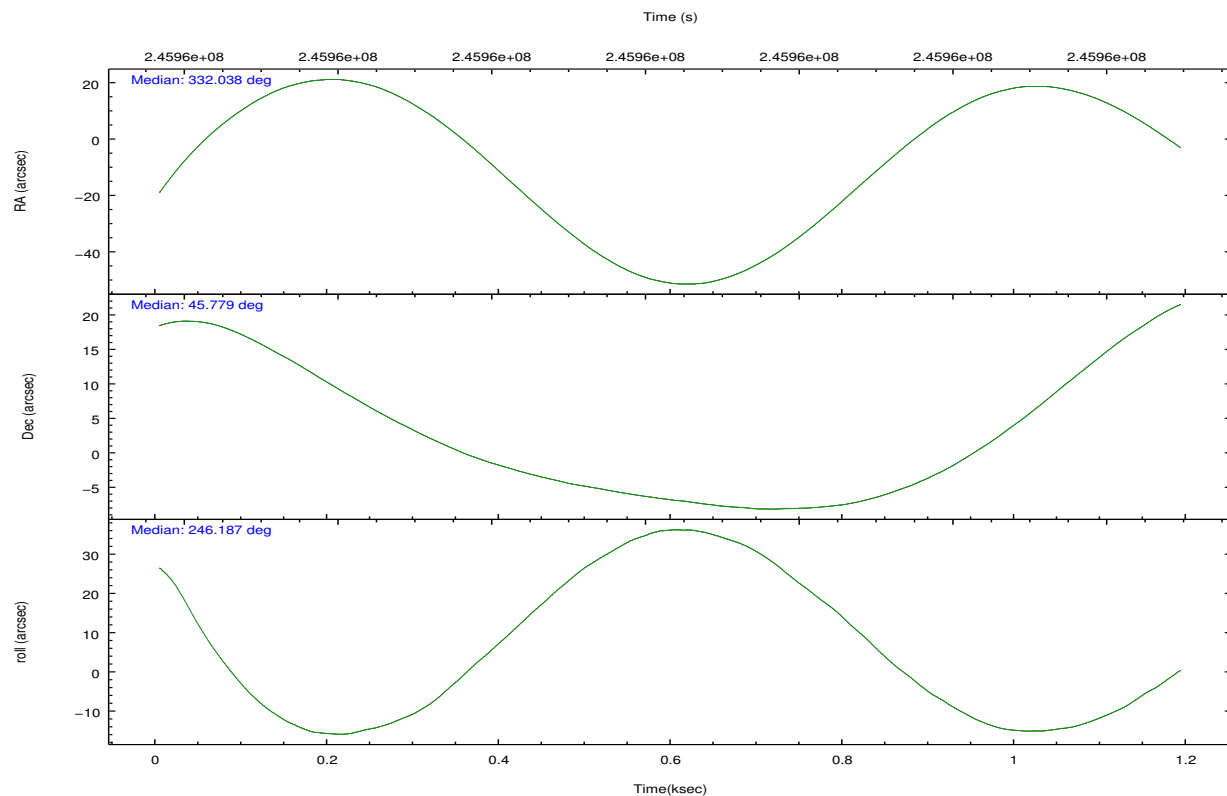
2.2 Compared Parameters

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	332.029389	332.036204189715
[deg] Pointing Dec	45.806596	45.77965026800844
[deg] Pointing Roll	246.294944	246.1947148170182
[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)	245961426.184000	245960358.59066
Observation start date	2005-10-17T18:36:02	2005-10-17T18:19:18
[s] Observation end time (MET)	245962426.184000	245963228.5908
Observation end date	2005-10-17T18:52:42	2005-10-17T19:07:08

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

2.3 Aspect



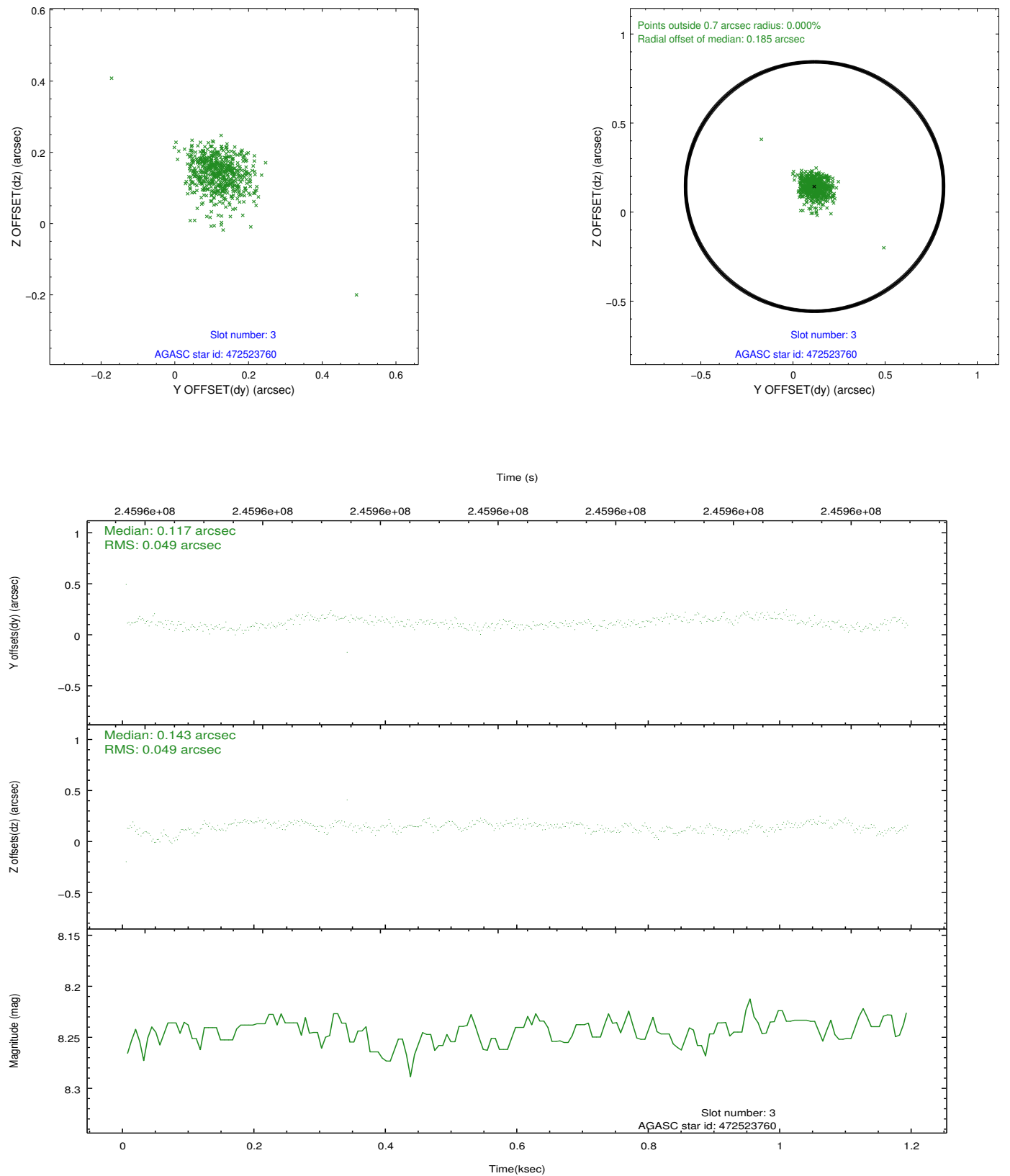


Slot Statistics

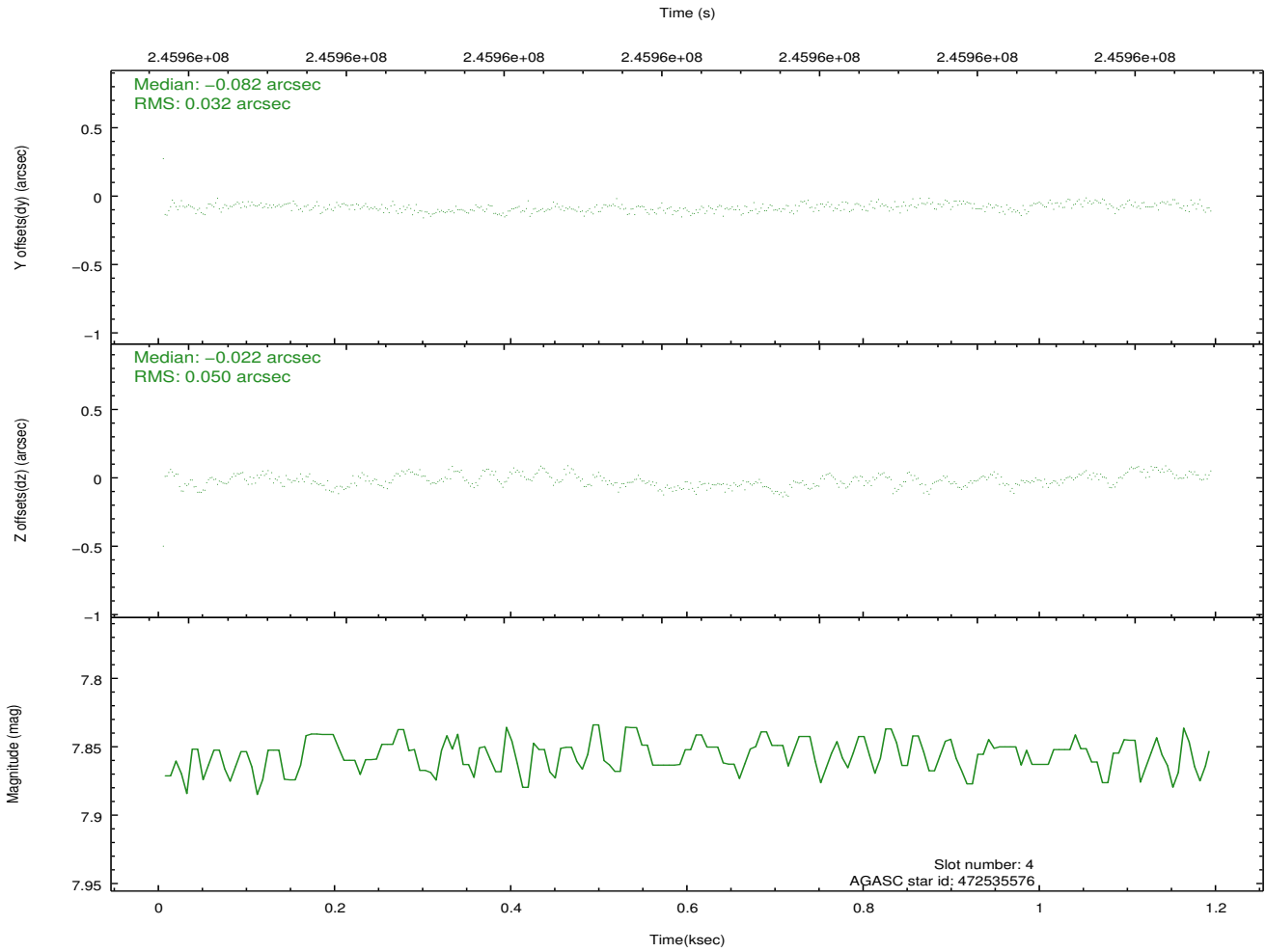
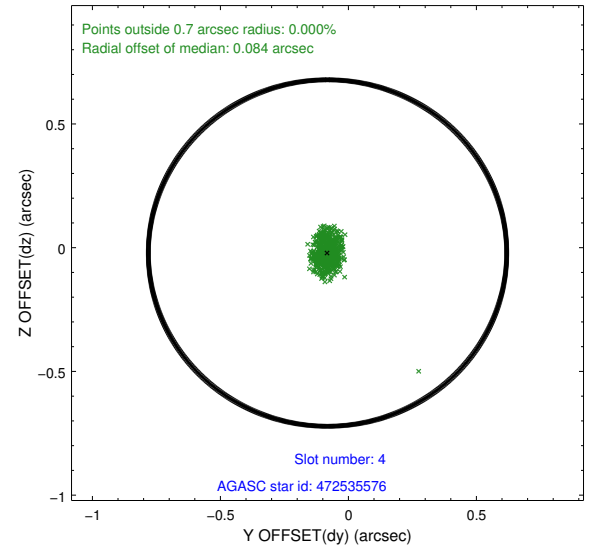
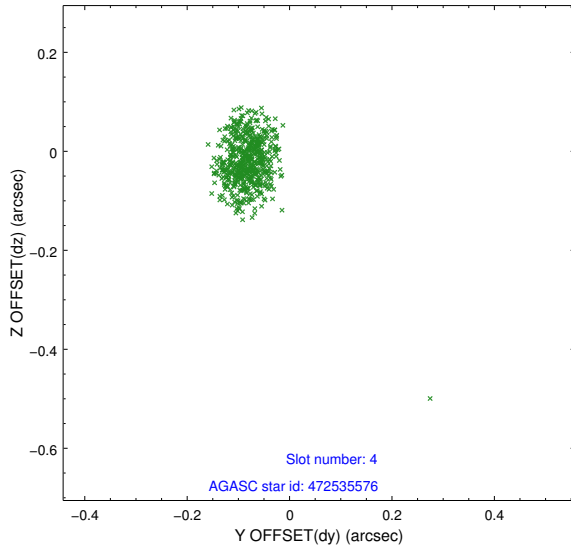
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	291	-0.012	0.029	0.007	0.011	0.000000	0.000000	-763.27	-1295.55
1	FID	HRC-I-2	7.06	291	0.169	-0.130	0.006	0.009	0.000000	0.000000	846.92	-1301.77
2	FID	HRC-I-3	7.11	291	-0.038	0.012	0.006	0.012	0.000000	0.000000	-1188.82	1004.53
3	GUIDE	472523760	8.24	581	0.117	0.143	0.068	0.113	331.645363	45.403260	1719.59	-309.47
4	GUIDE	472535576	7.86	581	-0.082	-0.022	0.058	0.094	331.438373	46.291802	-1008.46	-2055.03
5	GUIDE	472536328	8.11	581	-0.134	-0.002	0.073	0.128	331.496671	46.454831	-1609.55	-2157.26
6	GUIDE	472655152	9.43	581	0.064	0.008	0.099	0.165	332.504239	45.862991	-668.71	999.44
7	GUIDE	472665256	9.02	579	0.037	-0.141	0.084	0.136	332.808125	46.195041	-2068.75	1208.42

2.4 Star Slots

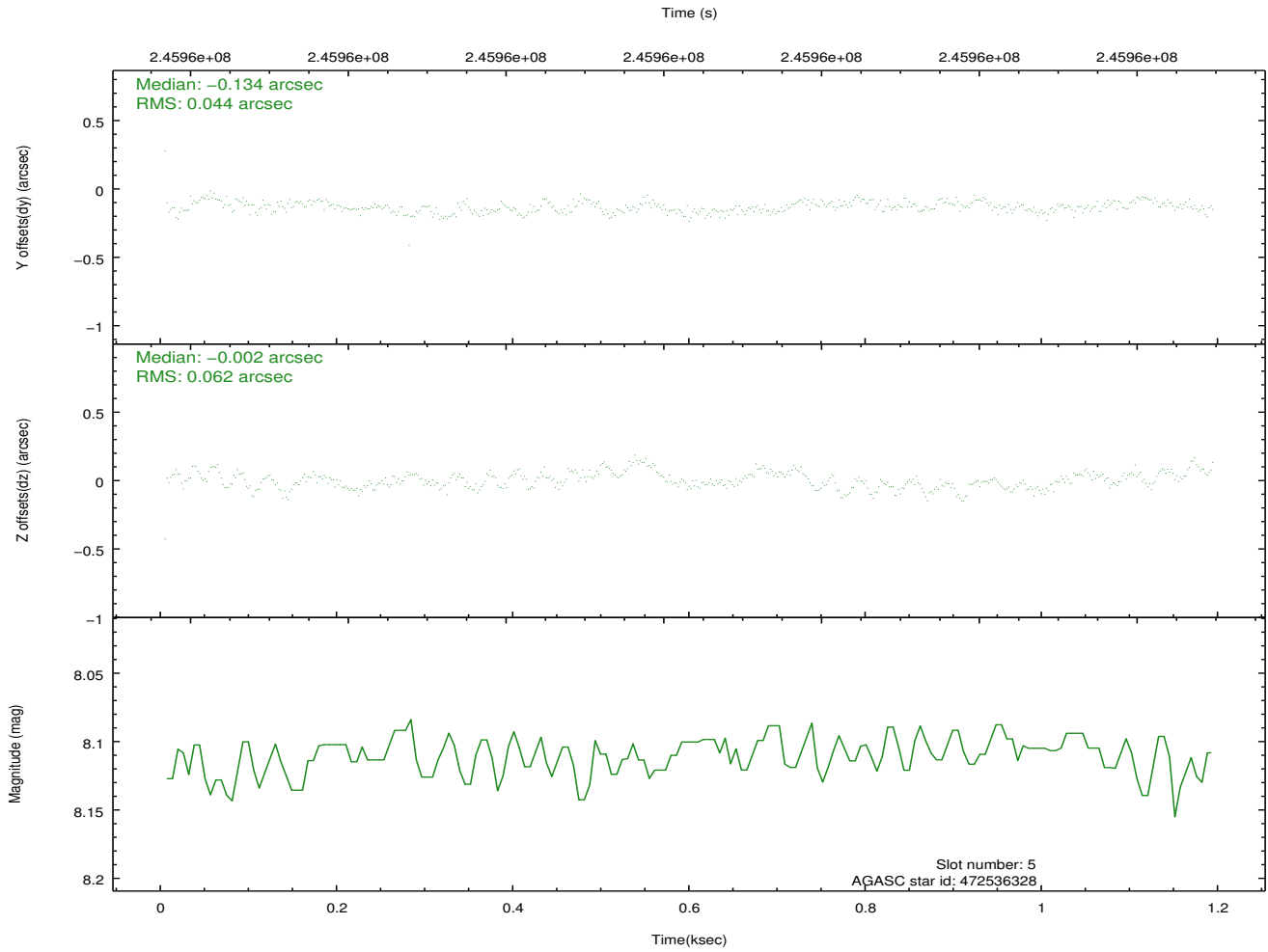
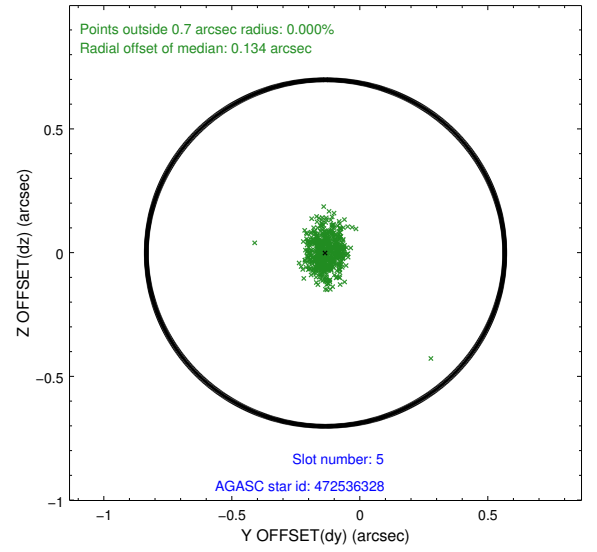
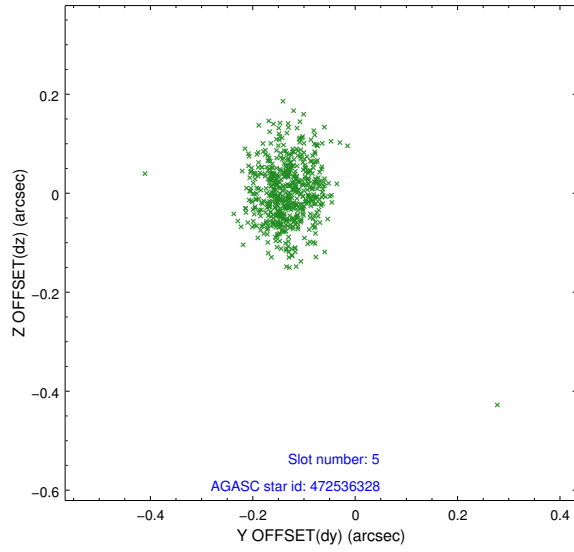
2.4.1 Slot 3



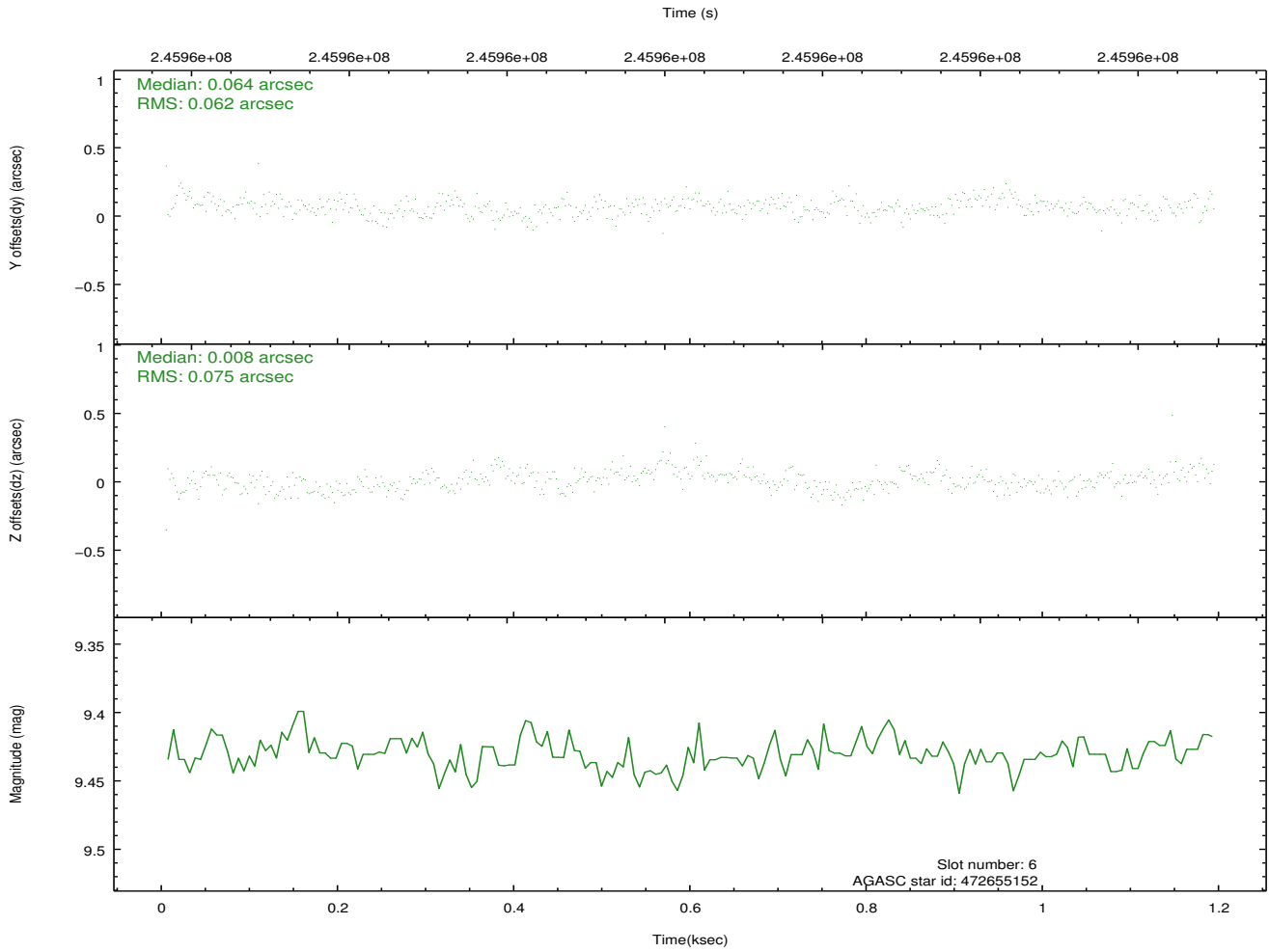
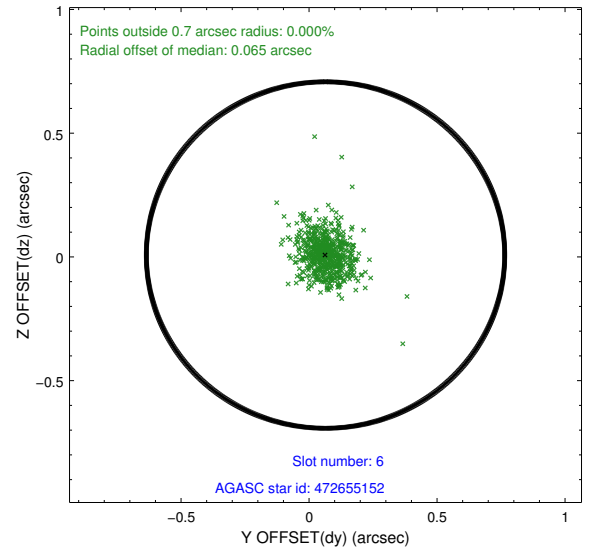
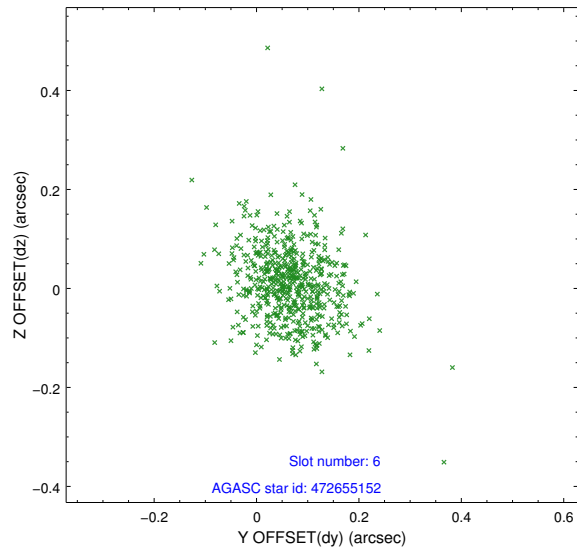
2.4.2 Slot 4



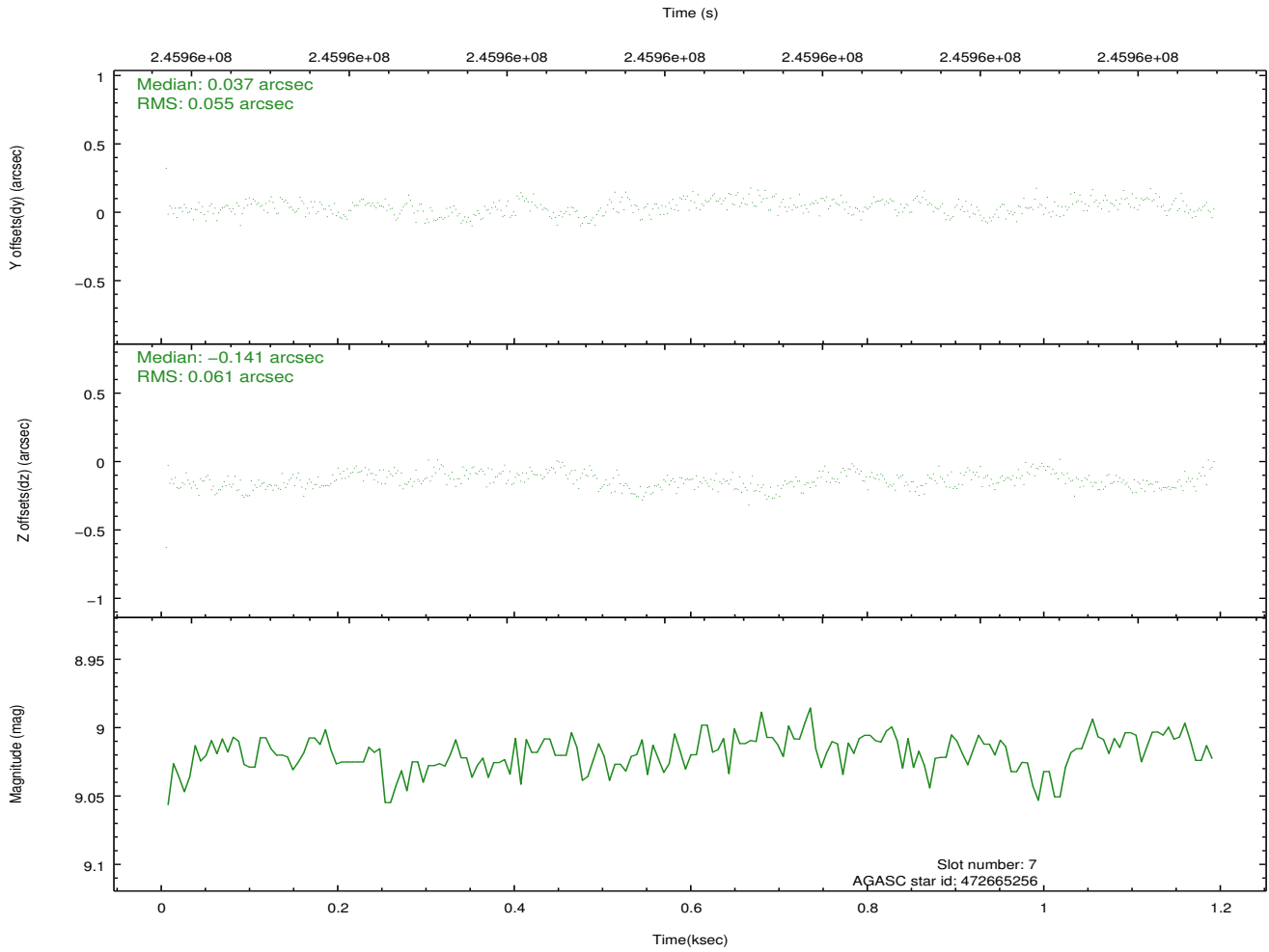
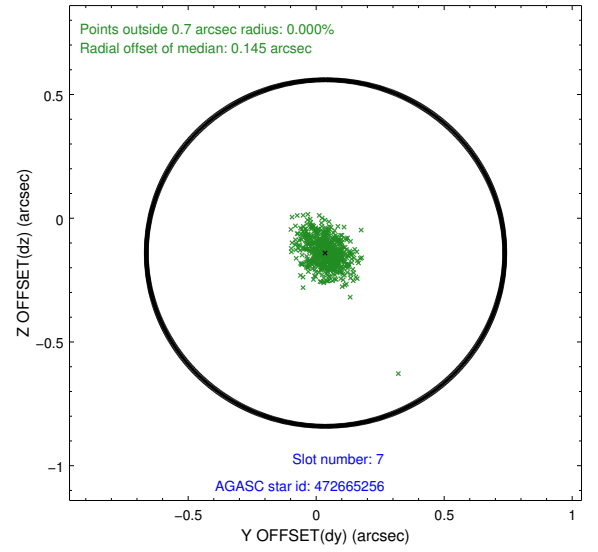
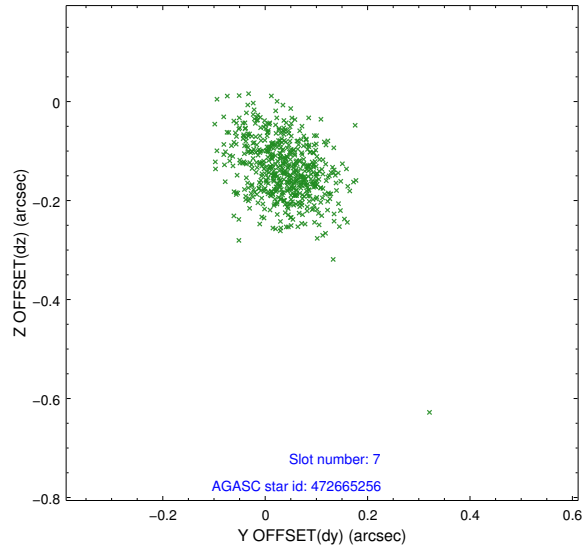
2.4.3 Slot 5



2.4.4 Slot 6

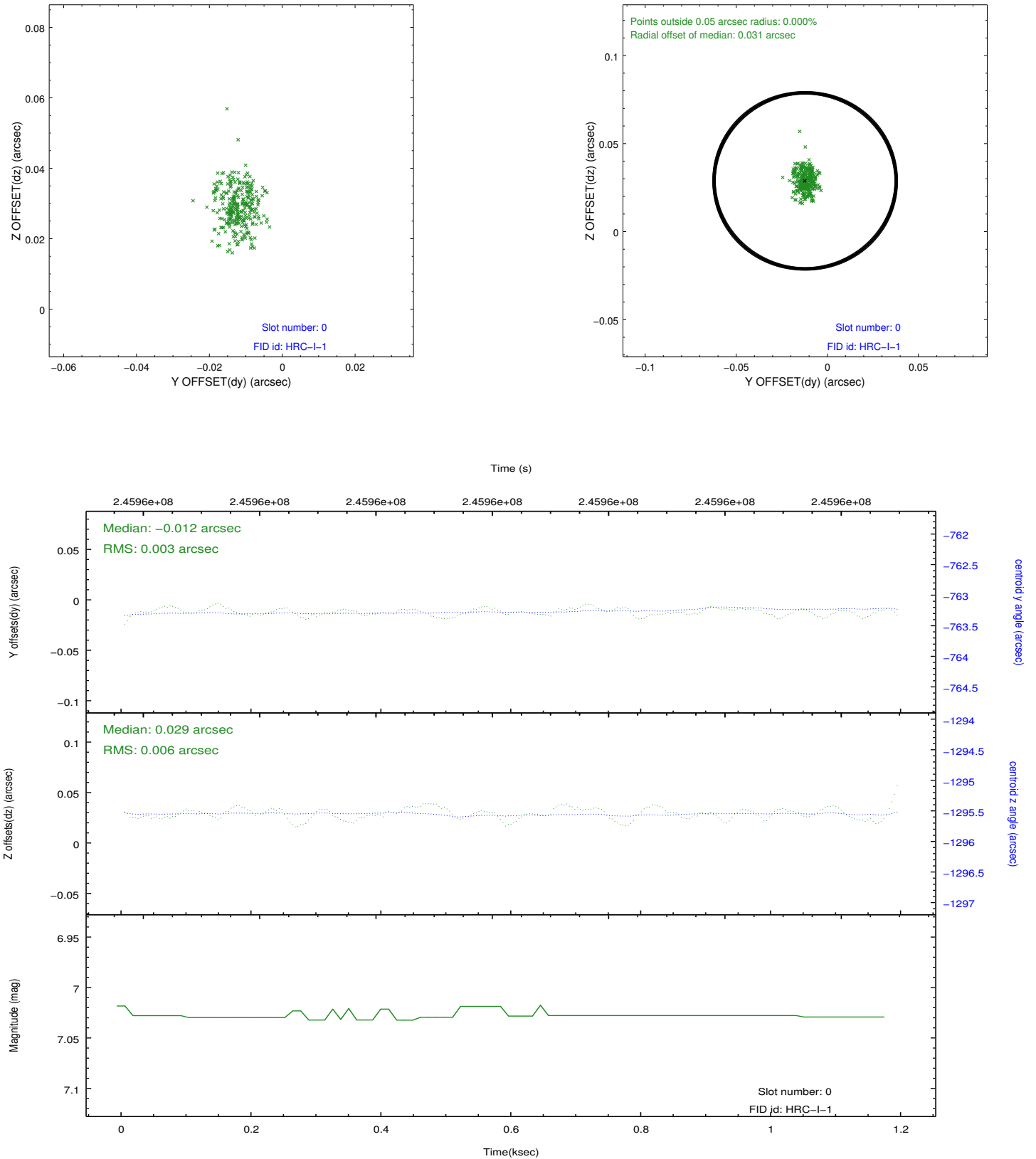


2.4.5 Slot 7

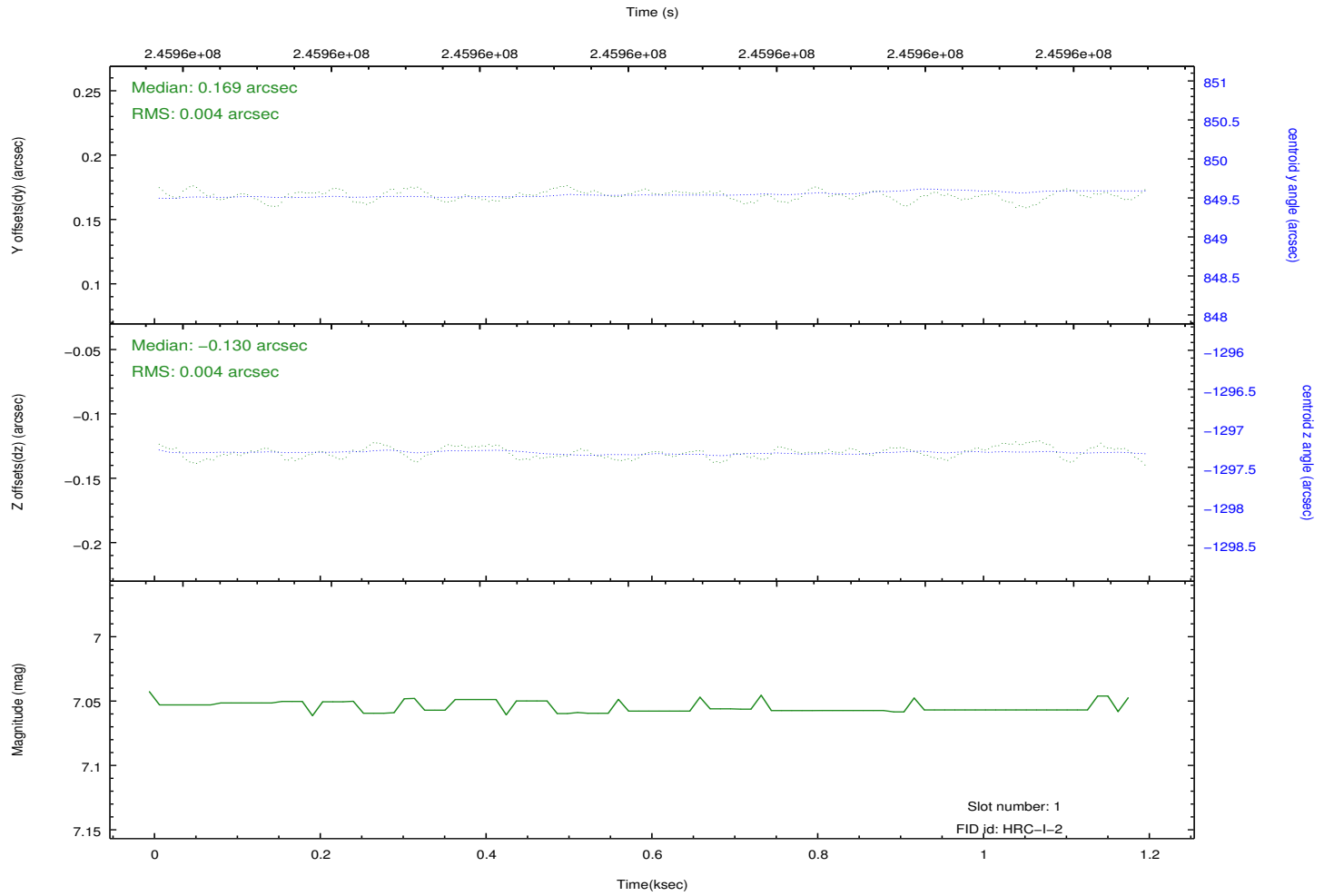
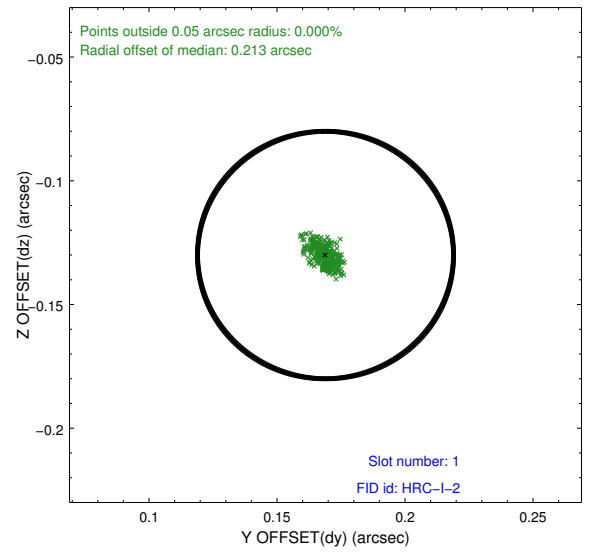
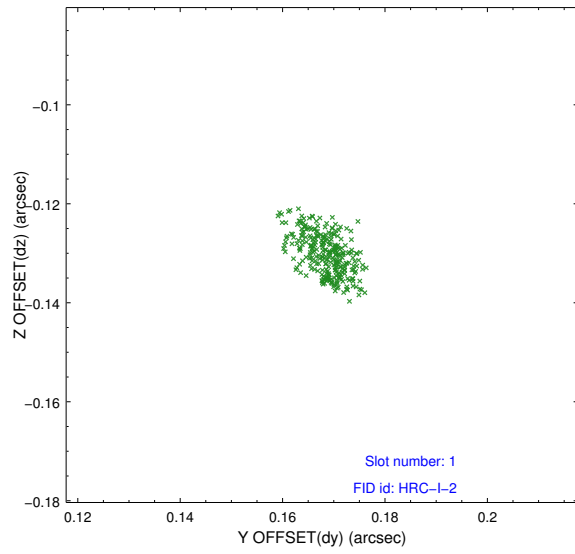


2.5 FID Slots

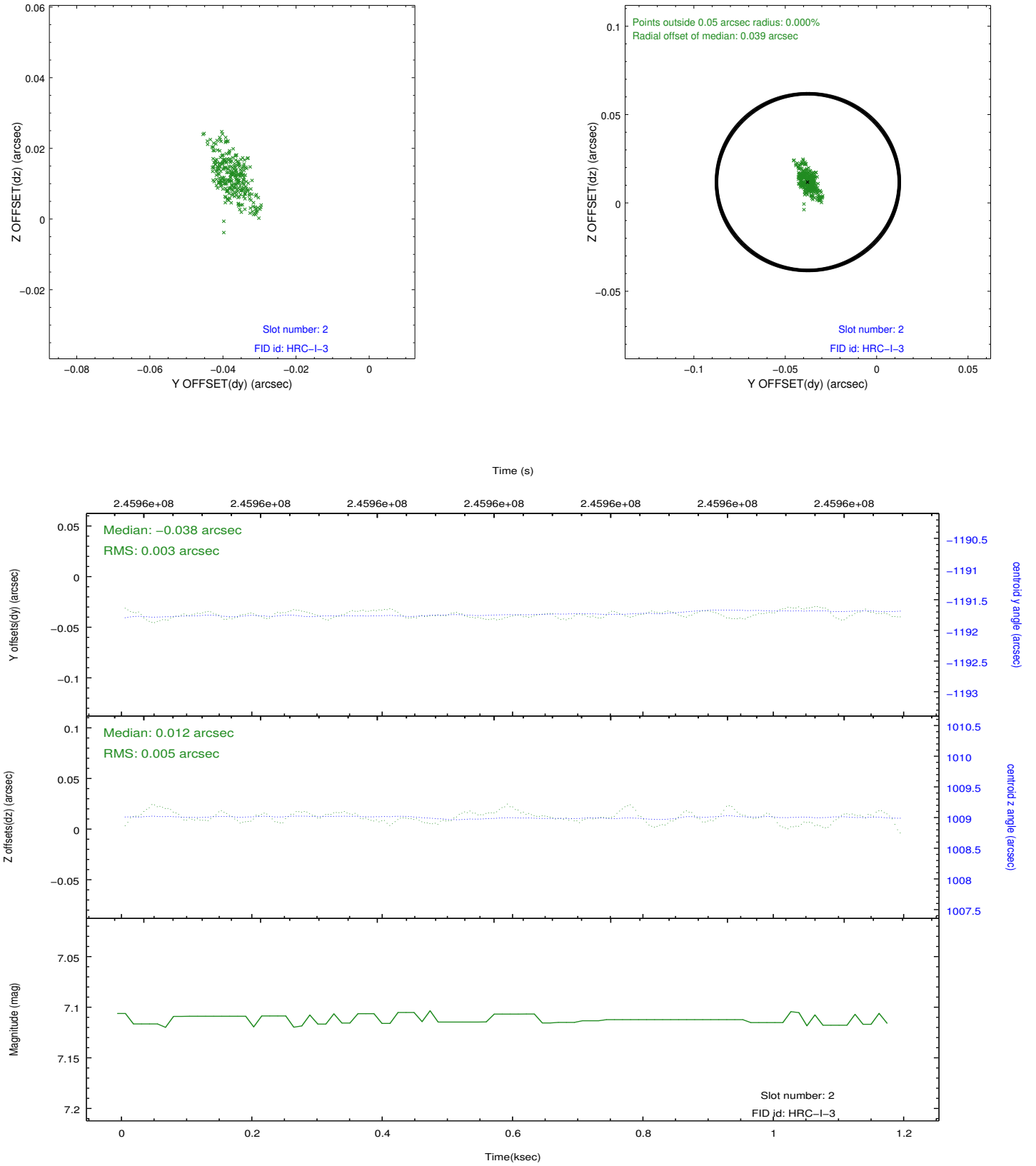
2.5.1 Slot 0



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)	2013.03.19
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.18695

A.2 Comments