

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11910 - L2 Version 2
Chandra X-Ray Center

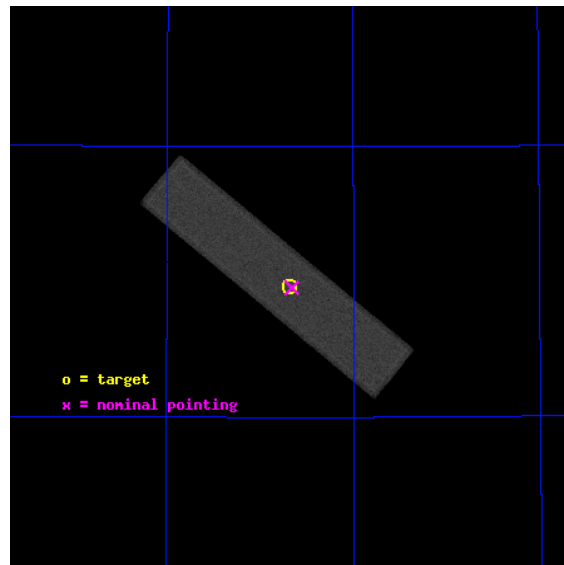
L2 Processing Date : Jul 3 2012

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1 Front

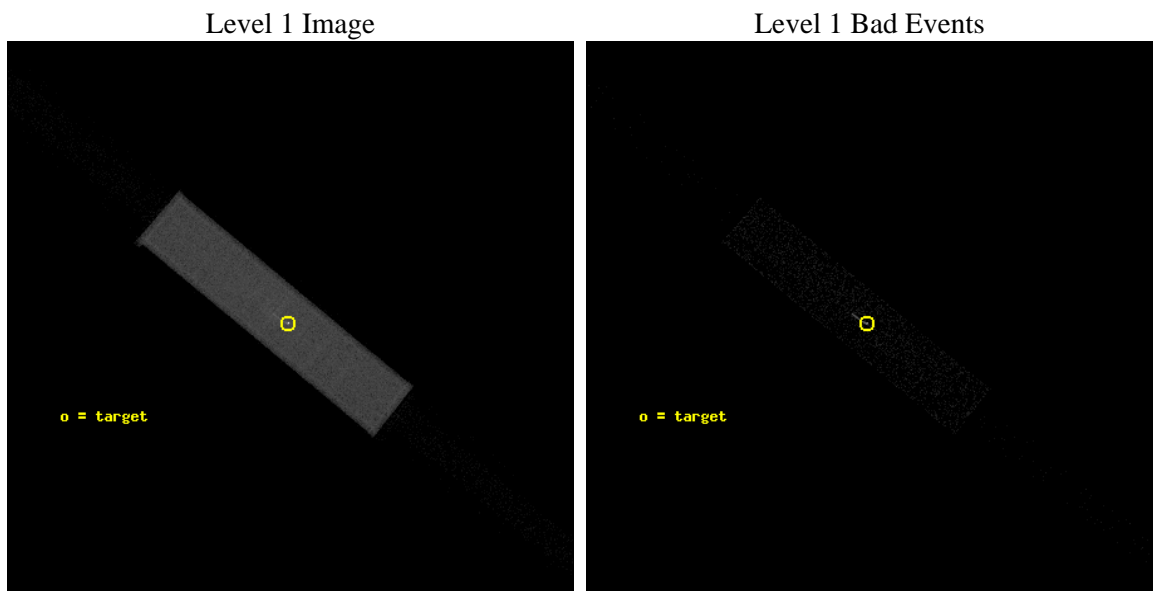
seq_num	290899	Sequence number
obs_id	11910	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16492960674	Nominal RA [deg]
dec_nom	45.739303402588	Nominal Dec [deg]
roll_nom	219.39280269943	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3154.181411922	[s]
livetime	3128.4967903813	Ontime multiplied by DTCOR
l2events	190054	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	8.4.5	Processing system revision	ontime	3154.181411922	[s]
caldbver	4.5.0	 	l1events	250699	Number of level 1 events
date	2012-07-03T23:54:23	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

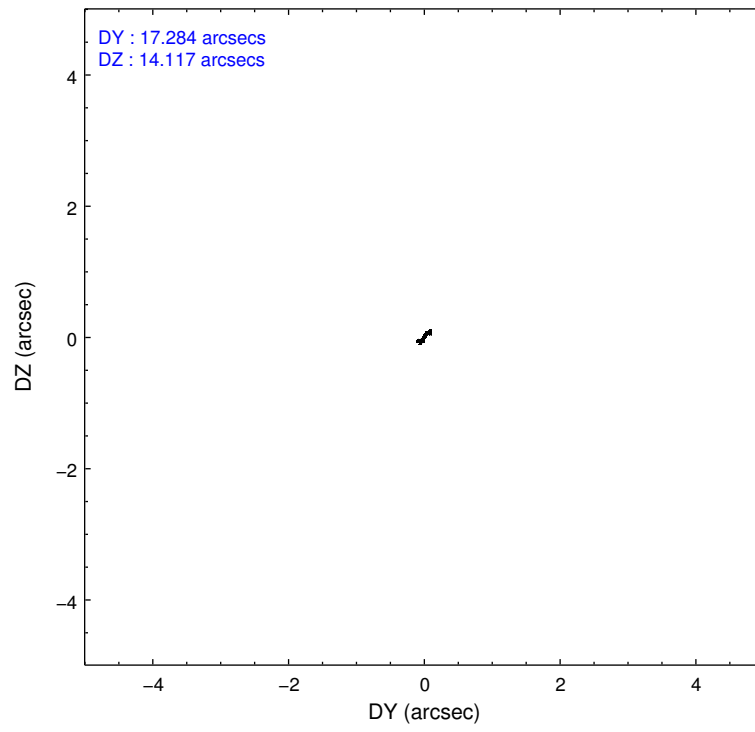
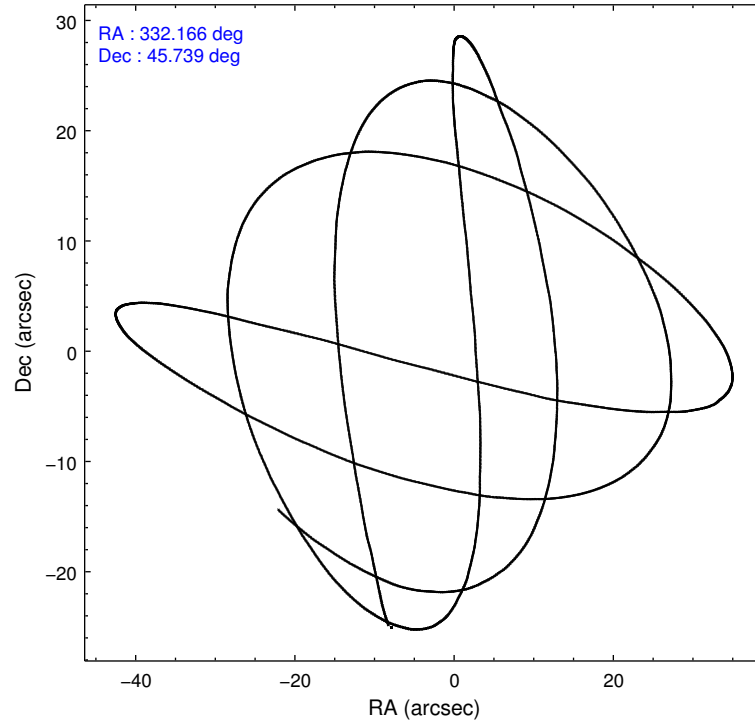
	segment 1	segment 2	segment 3
level 1 events	927	248839	933
rejected events	927	24422	933
rejected %	100%	9%	100%

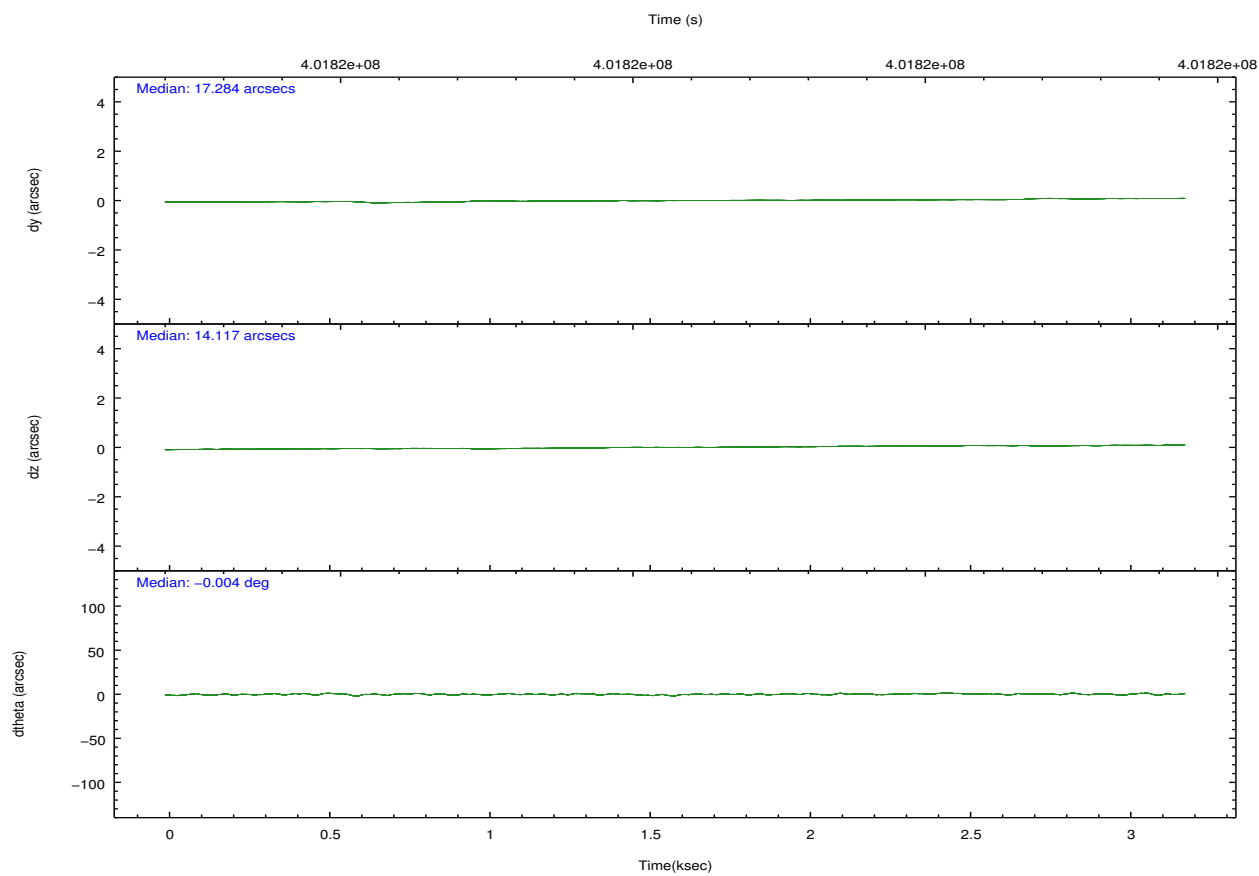
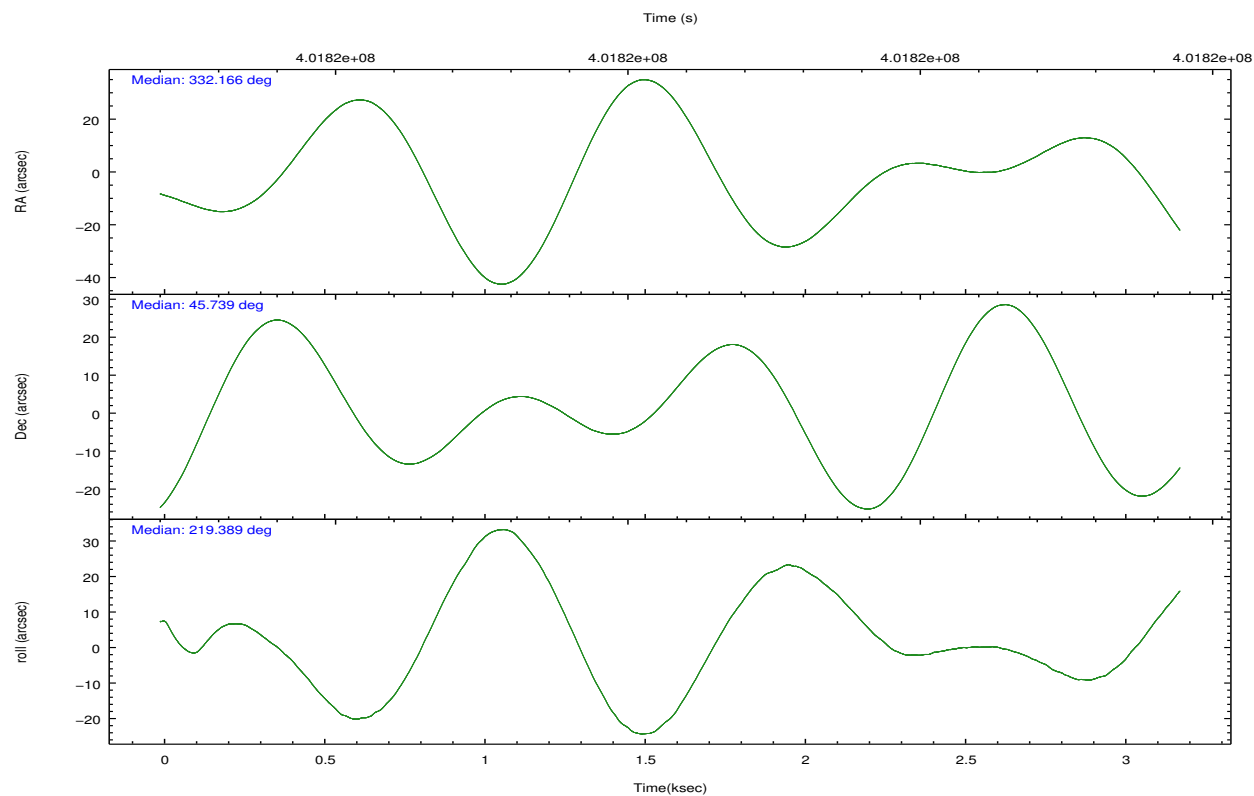
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.177208	332.164929606745
[deg] Pointing Dec	45.766682	45.73930340258816
[deg] Pointing Roll	219.316669	219.3928026994289
[s] Window start time (MET)	397008066.184000	397008066.184000
[s] Window stop time (MET)	404870466.184000	404870466.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	401814729.184000	401814353.21428
Observation start date	2010-09-25T15:11:03	2010-09-25T15:05:53
[s] Observation end time (MET)	401817729.184000	401817863.32696
Observation end date	2010-09-25T16:01:03	2010-09-25T16:04:23

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

2.3 Aspect



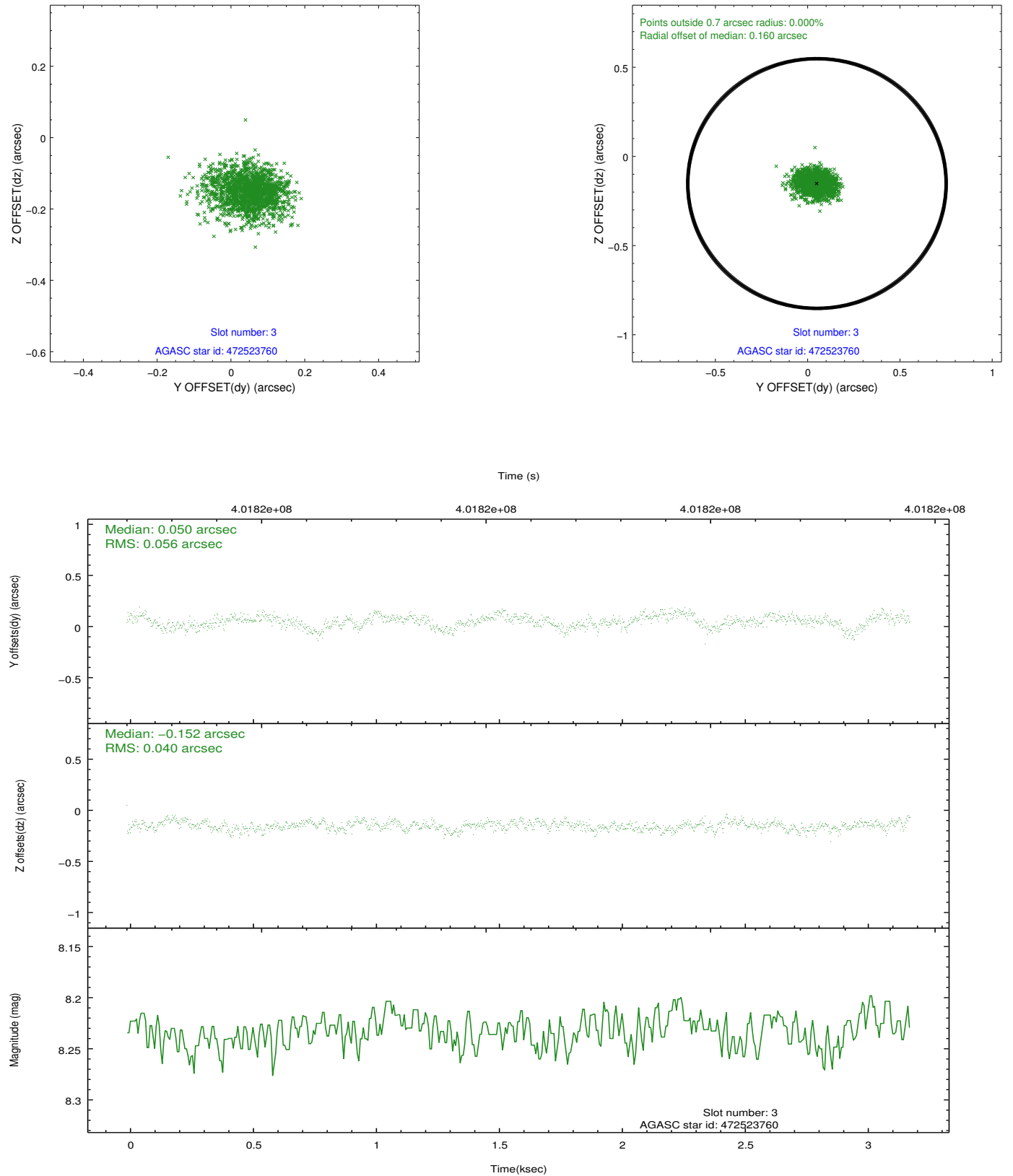


Slot Statistics

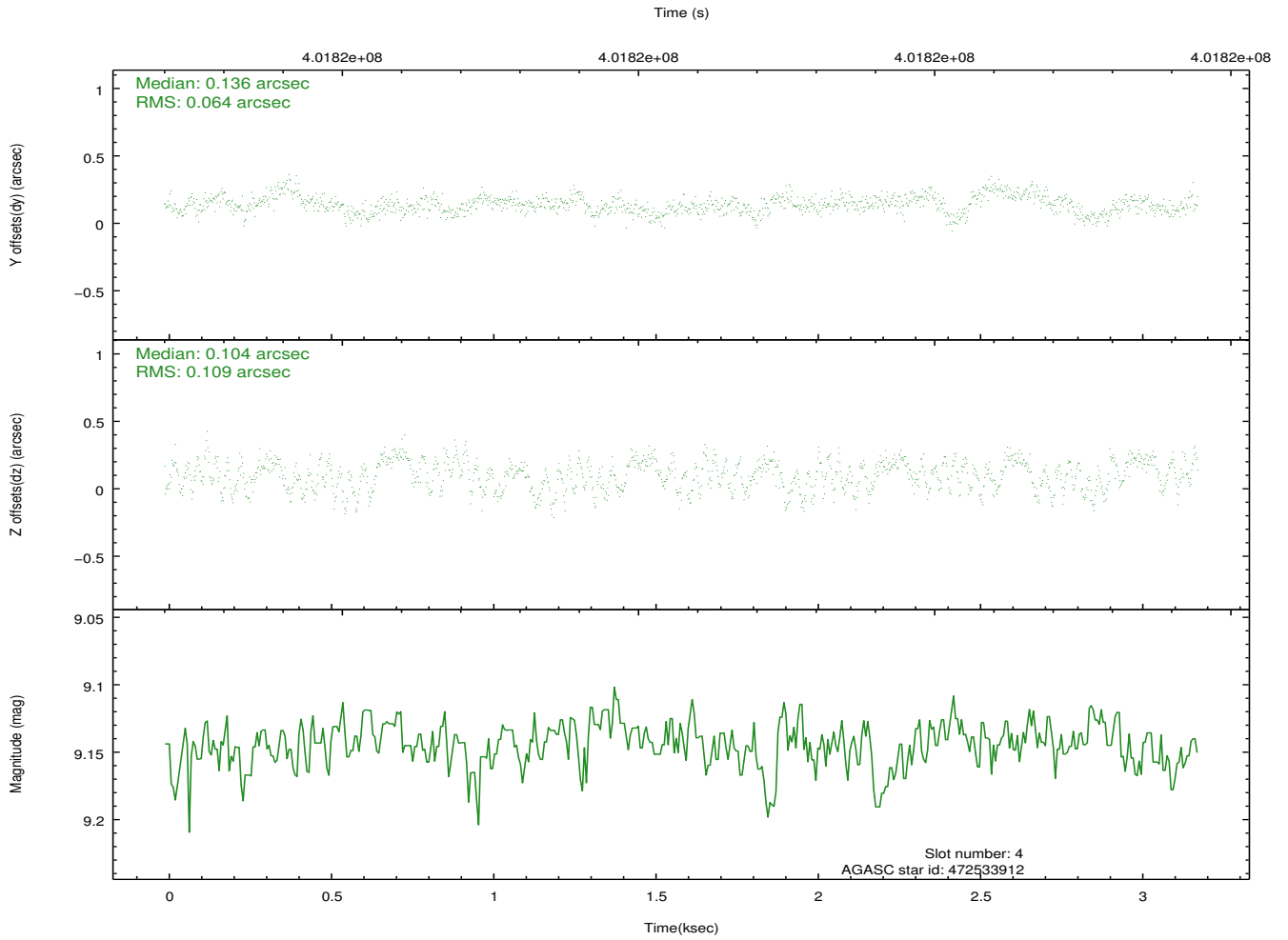
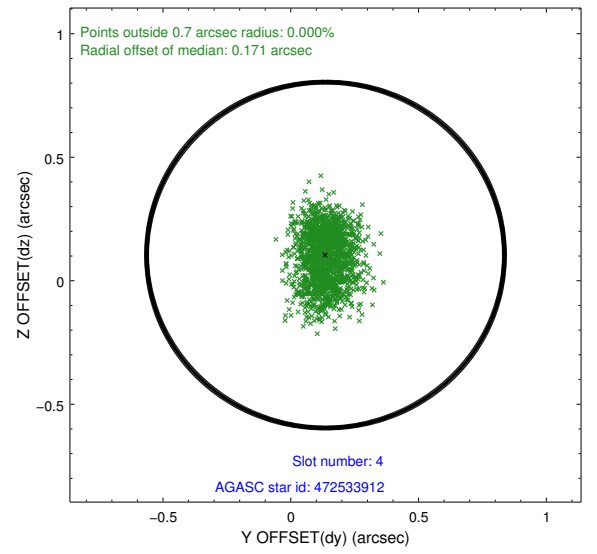
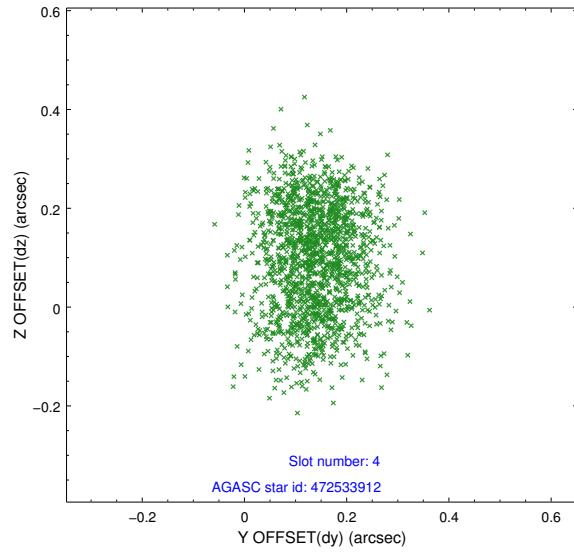
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	777	0.043	-0.191	0.008	0.013	0.000000	0.000000	-1171.78	-462.99
1	FID	HRC-S-2	6.97	777	0.277	-0.126	0.005	0.009	0.000000	0.000000	1226.61	-456.15
2	FID	HRC-S-3	7.01	777	0.069	0.015	0.008	0.014	0.000000	0.000000	-1172.90	566.15
3	GUIDE	472523760	8.23	1554	0.050	-0.152	0.073	0.119	331.645363	45.403260	1867.12	156.69
4	GUIDE	472533912	9.14	1554	0.136	0.104	0.136	0.213	331.791136	46.368695	-630.44	-2286.23
5	GUIDE	472655152	9.41	1546	0.044	-0.171	0.132	0.227	332.504239	45.862991	-854.57	248.09
6	GUIDE	472665256	9.02	1551	0.138	0.179	0.096	0.151	332.808125	46.195041	-2196.93	-201.71
7	GUIDE	472525528	6.65	1553	-0.367	0.048	0.078	0.121	331.551102	45.248694	2404.32	432.27

2.4 Star Slots

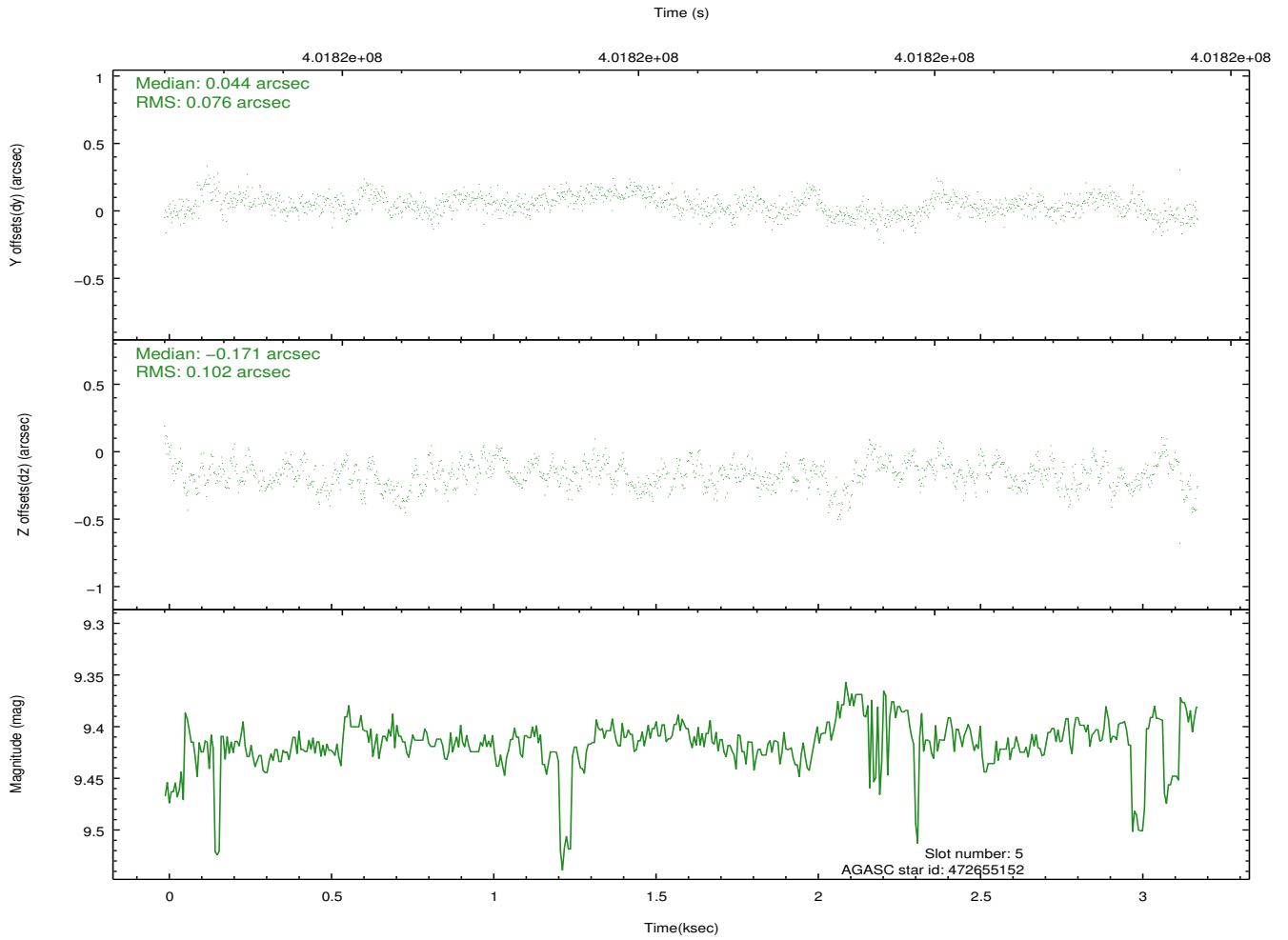
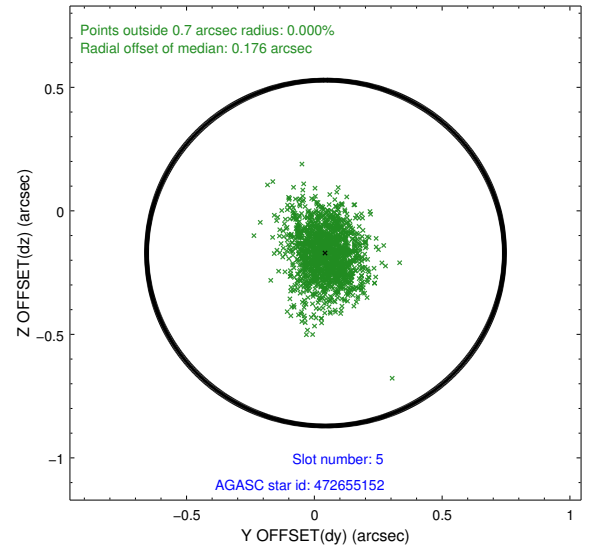
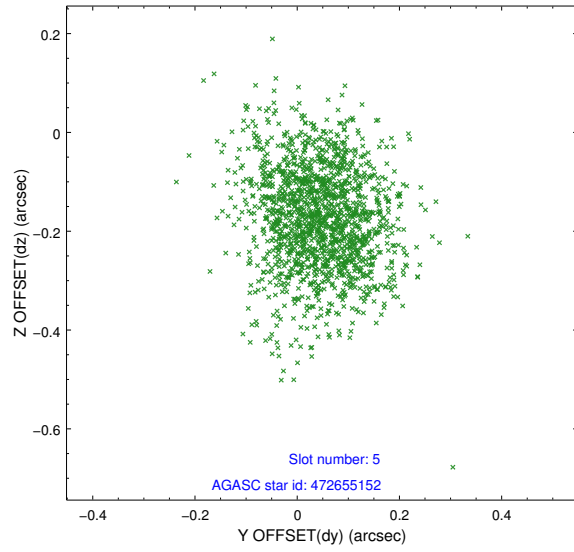
2.4.1 Slot 3



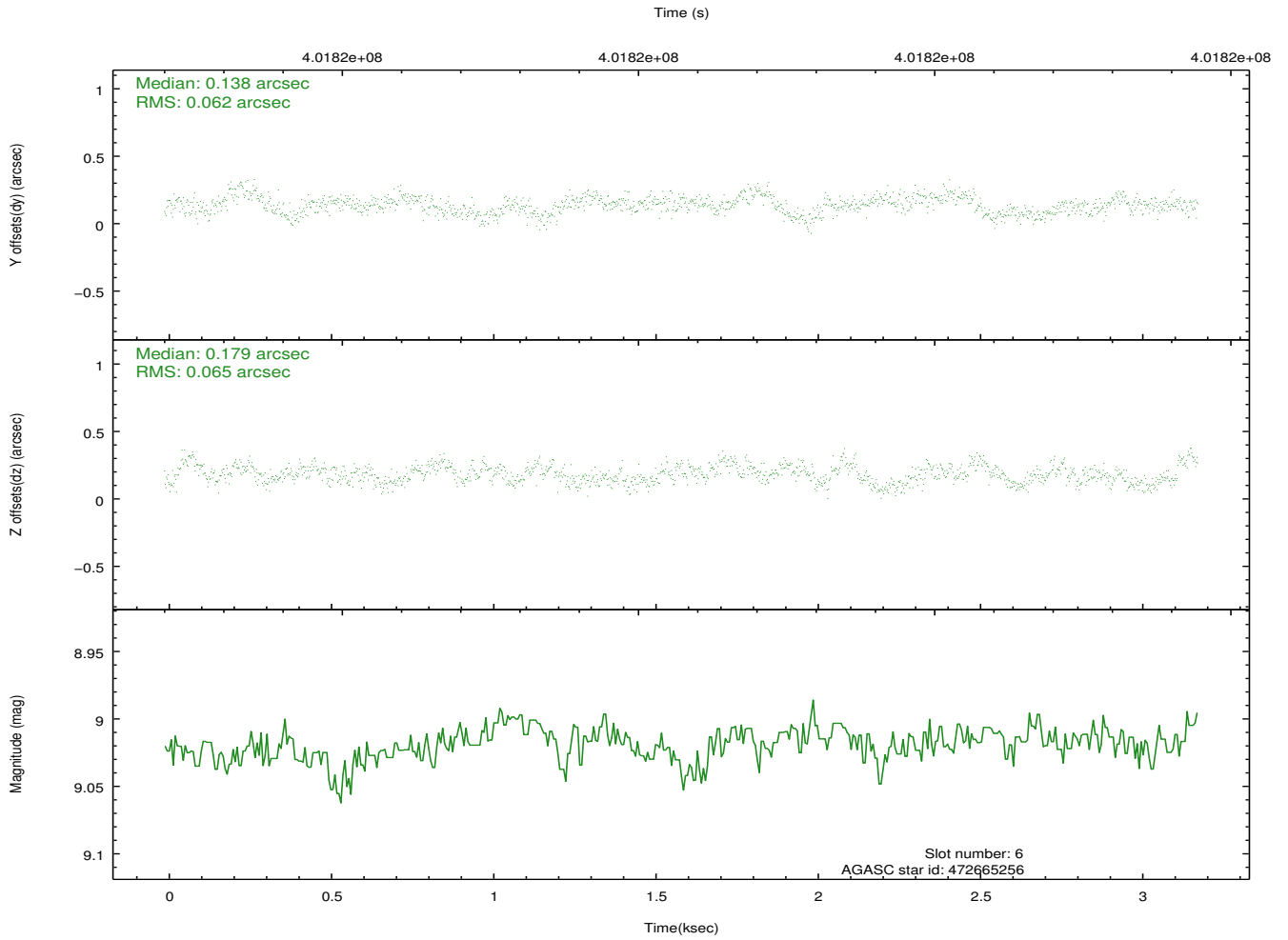
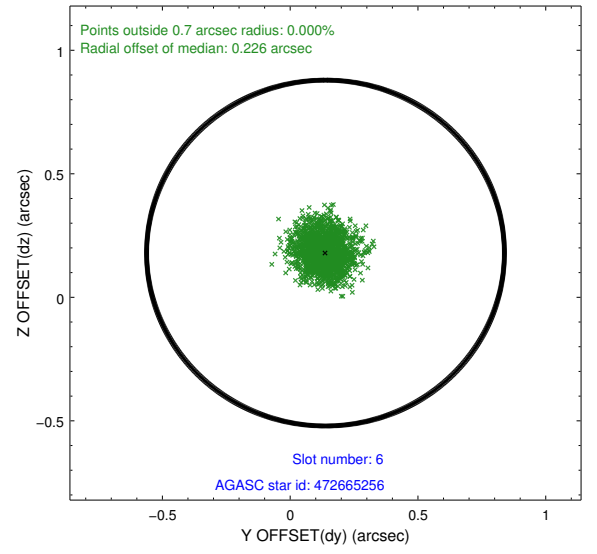
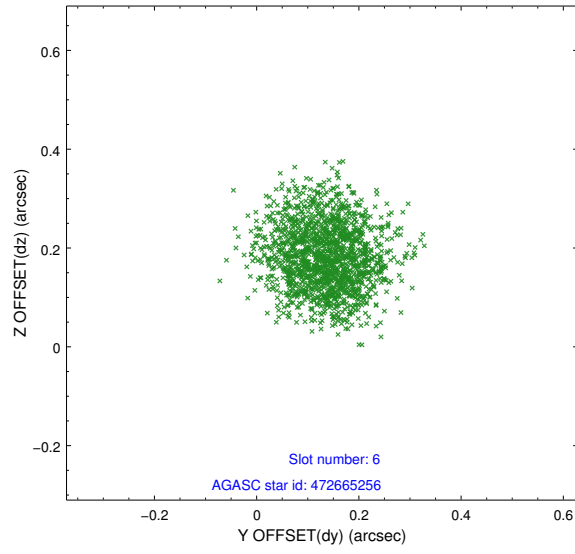
2.4.2 Slot 4



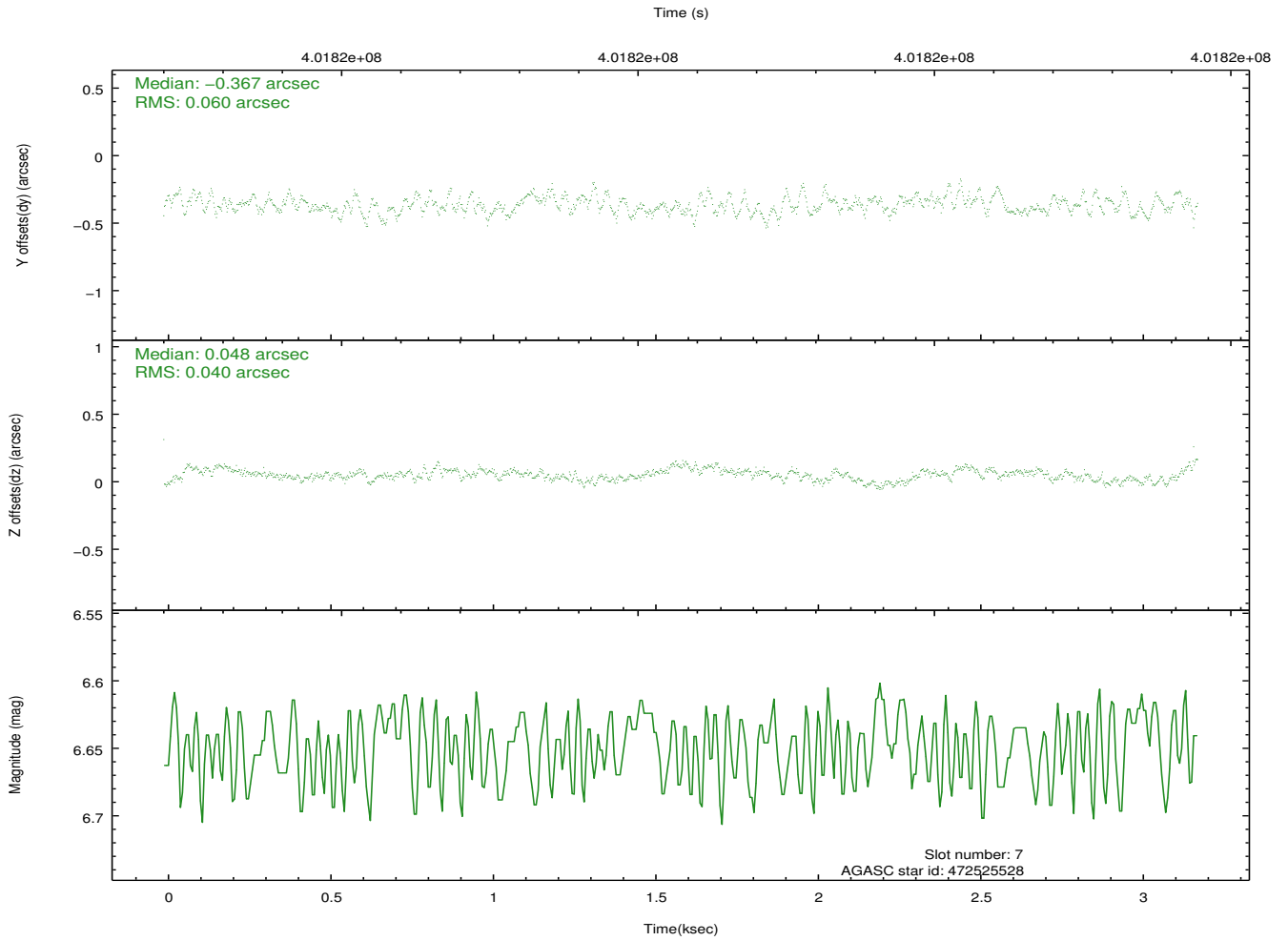
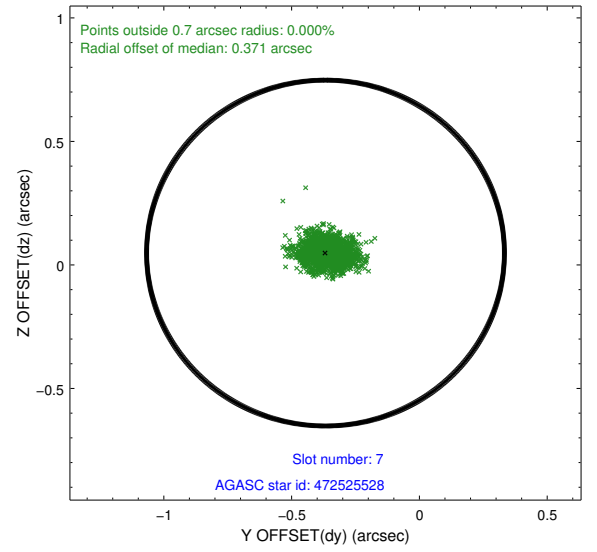
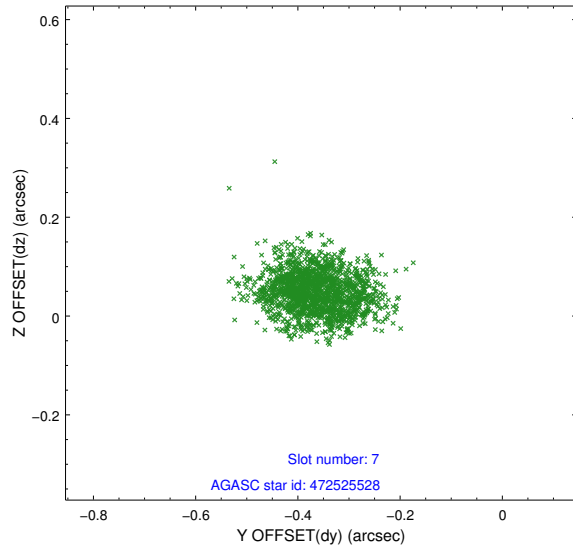
2.4.3 Slot 5



2.4.4 Slot 6

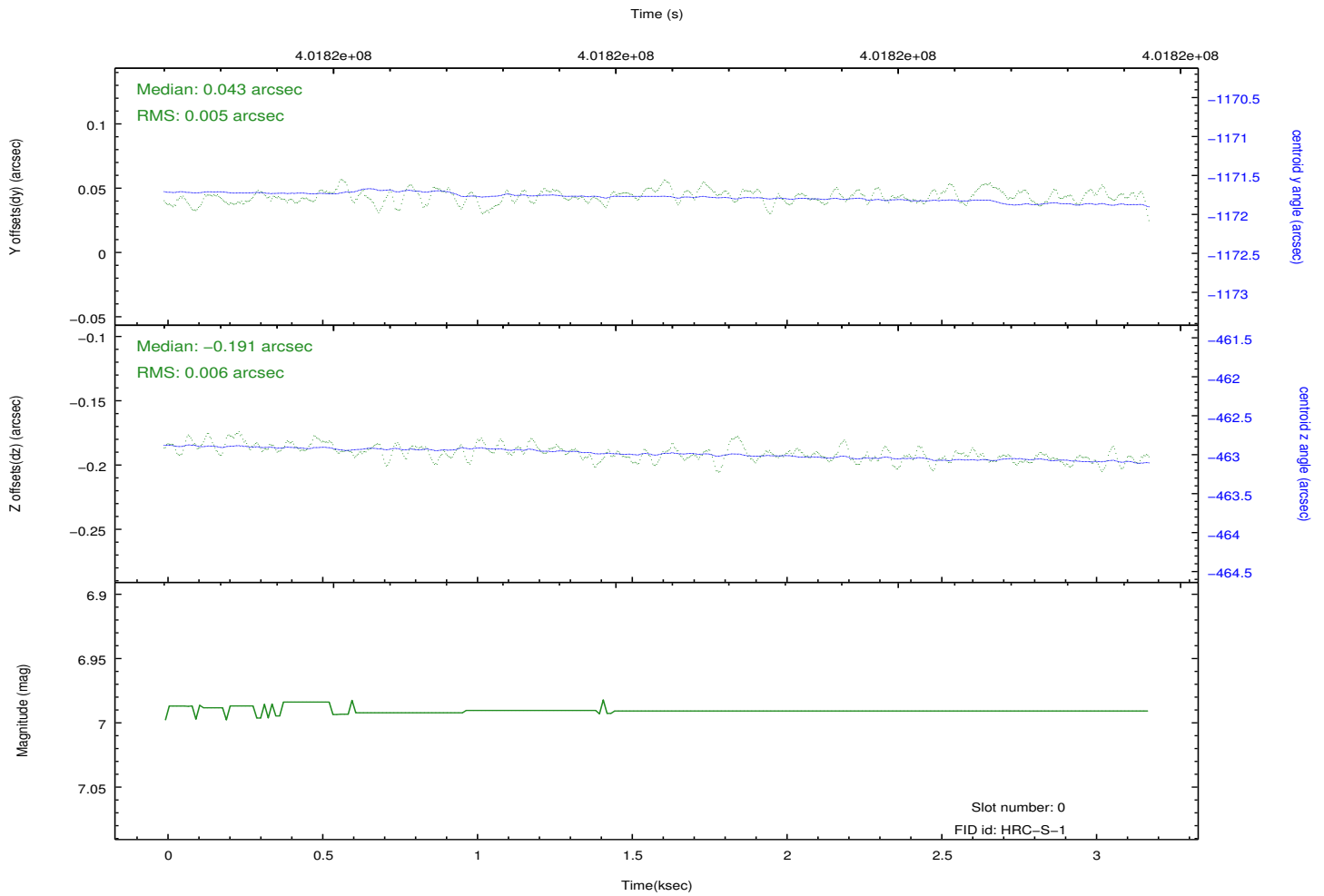
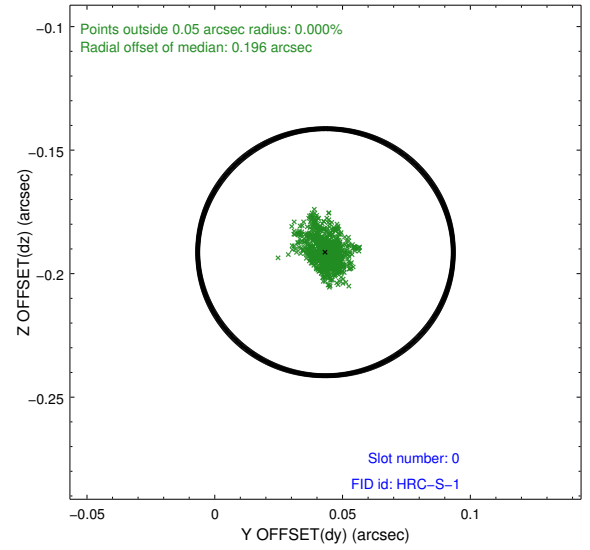
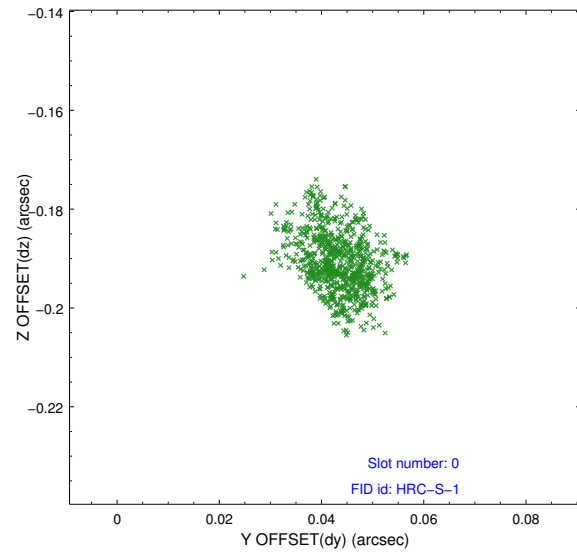


2.4.5 Slot 7

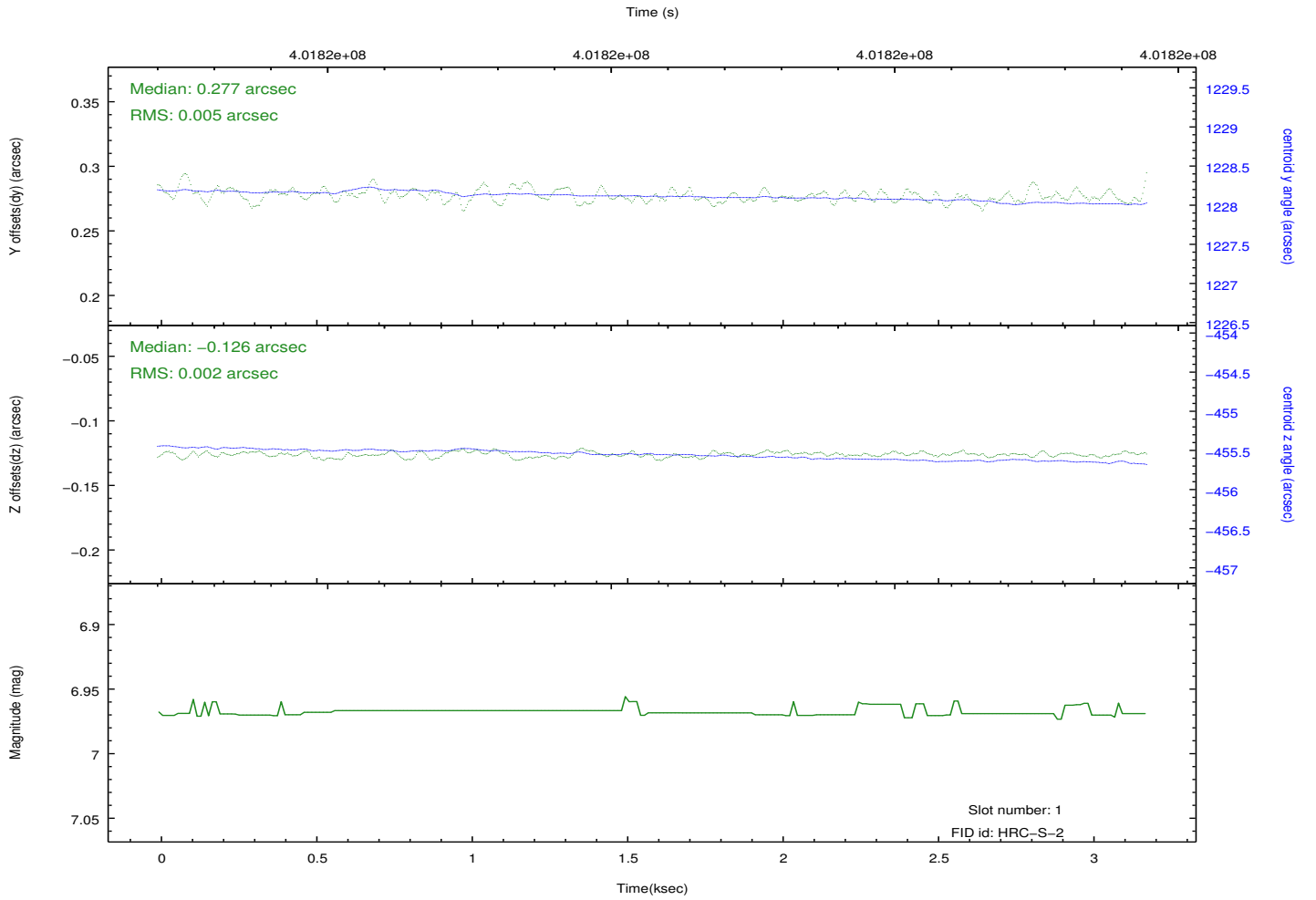
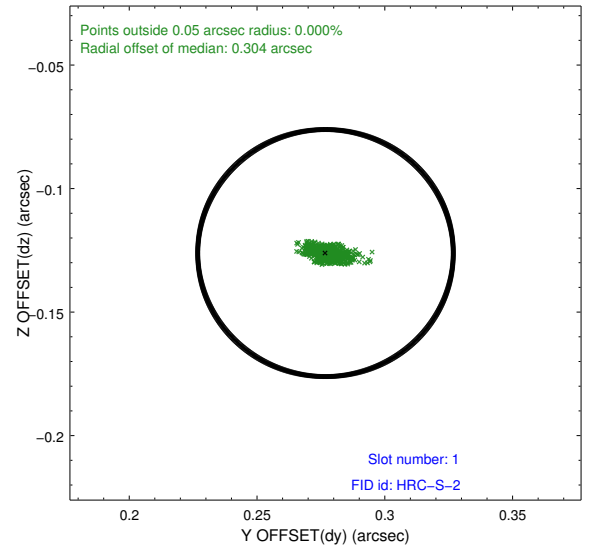
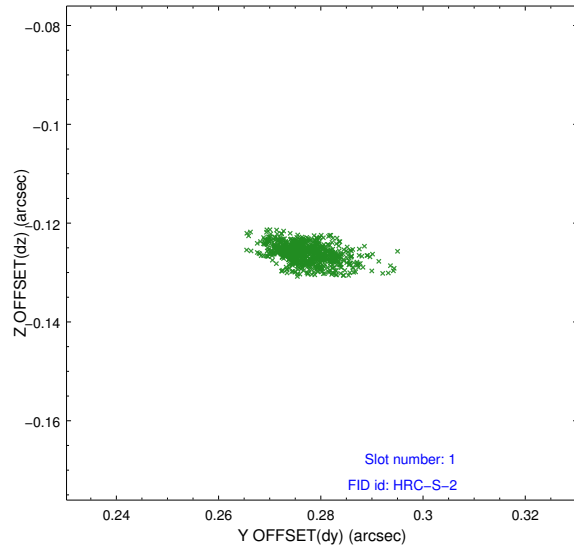


2.5 FID Slots

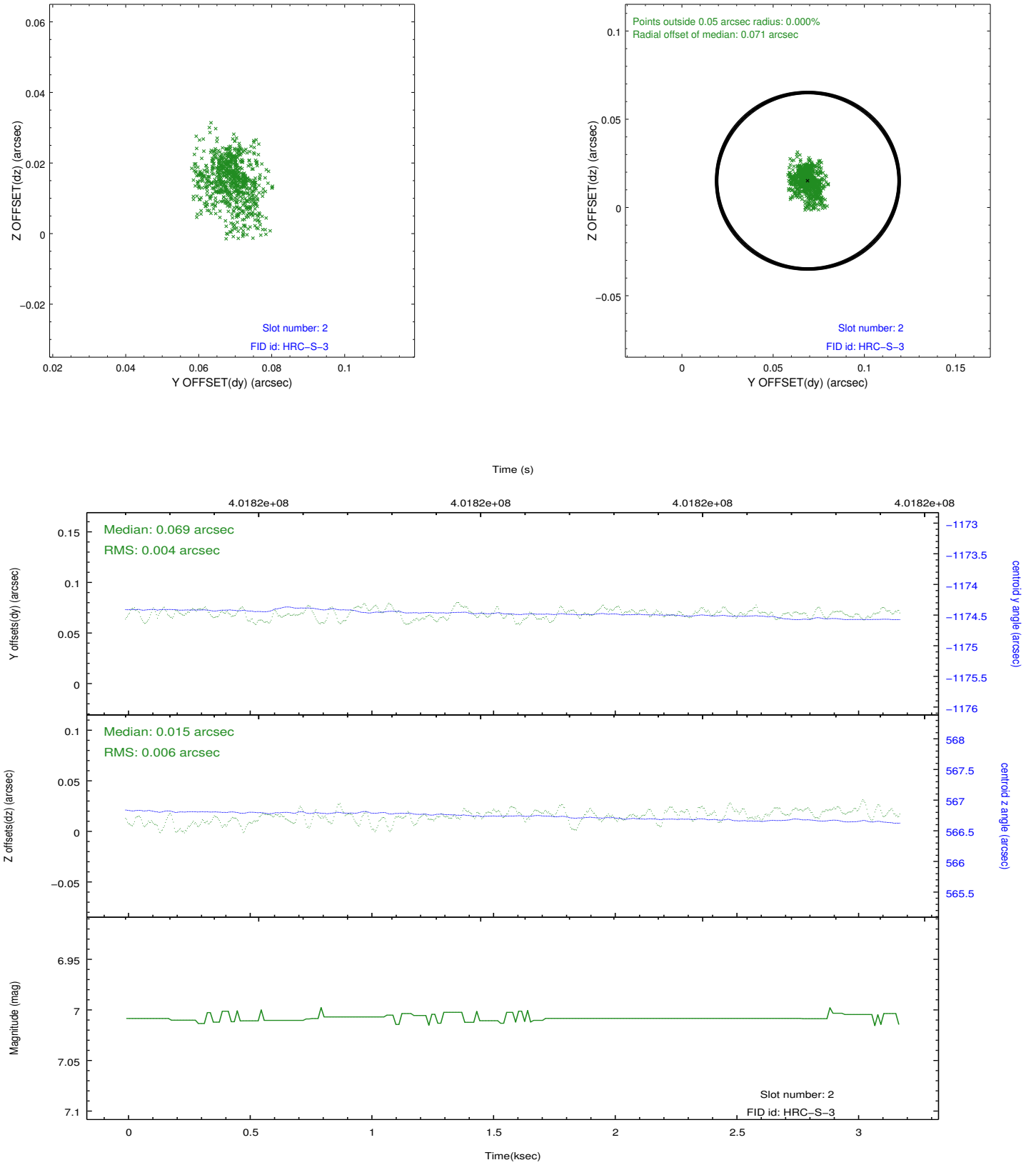
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1539251618981

A.2 Comments

Window constraint met.