

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6498 - L2 Version 3
Chandra X-Ray Center

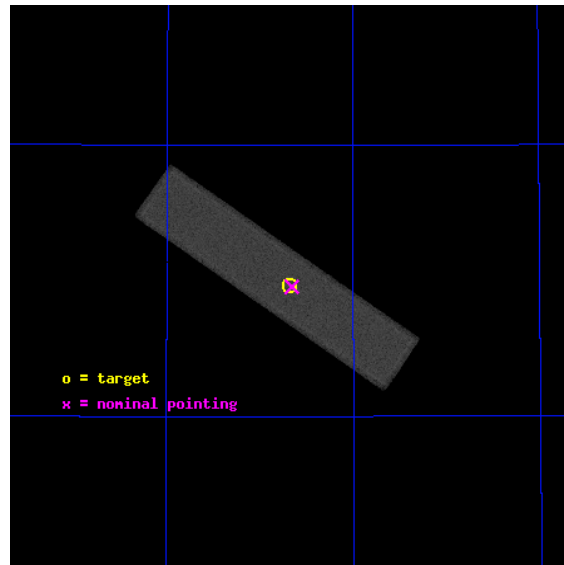
L2 Processing Date : Aug 11 2012

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1 Front

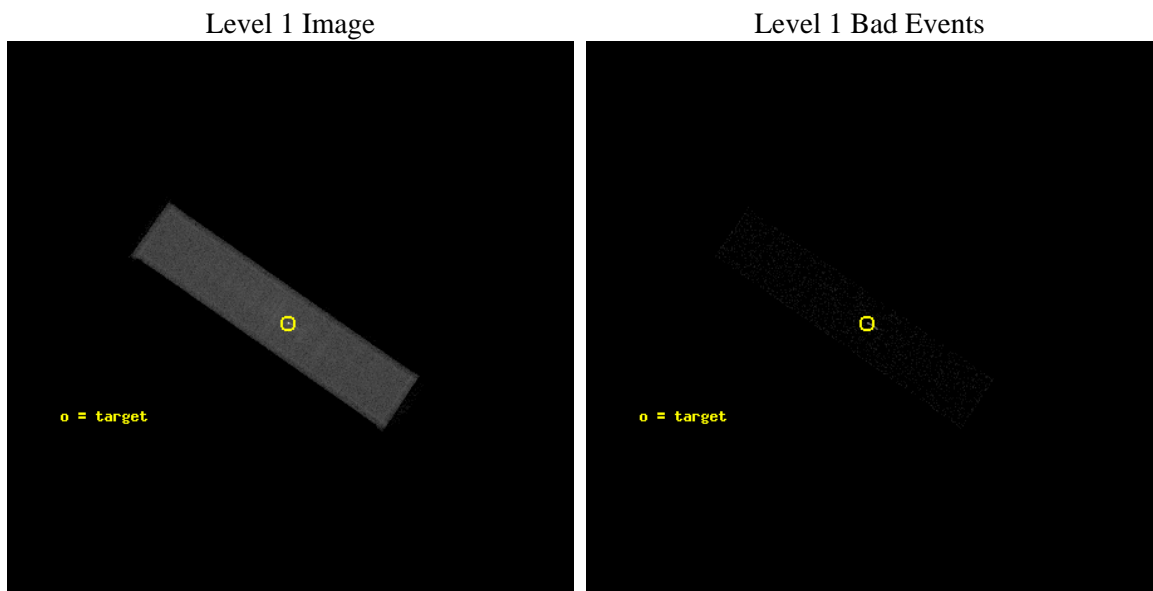
seq_num	290591	Sequence number
obs_id	6498	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1644294512	Nominal RA [deg]
dec_nom	45.739637497187	Nominal Dec [deg]
roll_nom	214.58444091544	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3143.9313977957	[s]
livetime	3119.2662392609	Ontime multiplied by DTCOR
l2events	175025	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	3143.9313977957	[s]
caldsver	4.5.1.1	 	l1events	284548	Number of level 1 events
date	2012-08-11T13:07:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

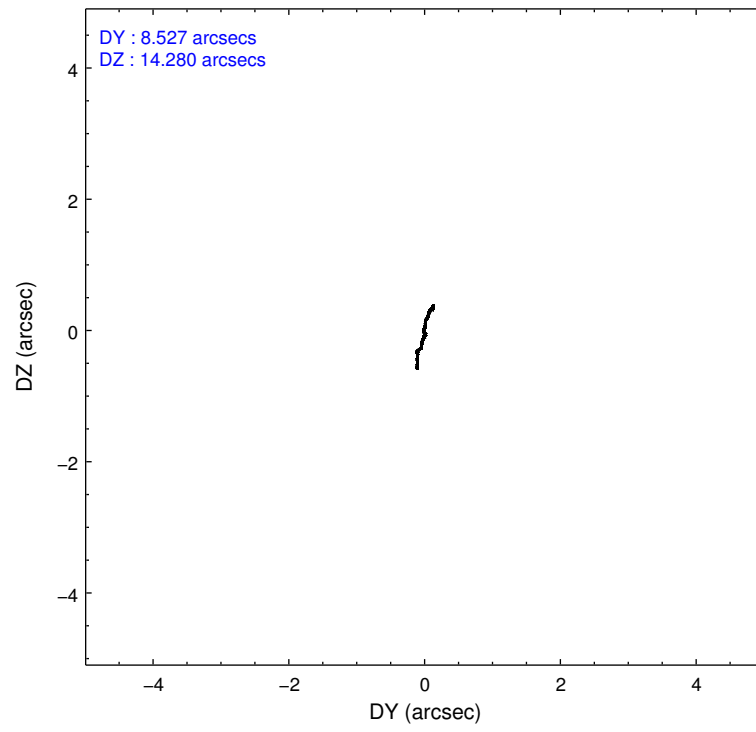
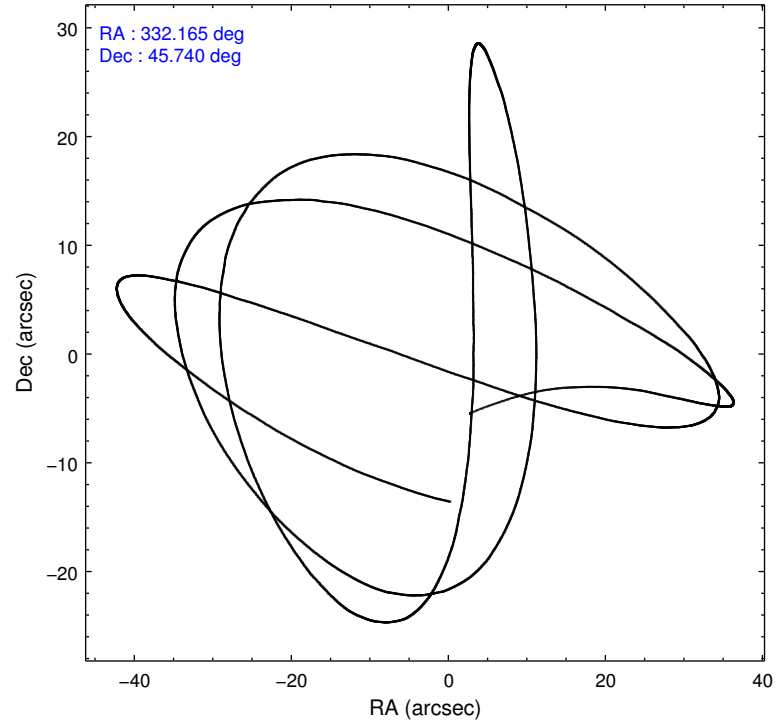
	segment 1	segment 2	segment 3
level 1 events	0	284548	0
rejected events	0	72755	0
rejected %	0%	25%	0%

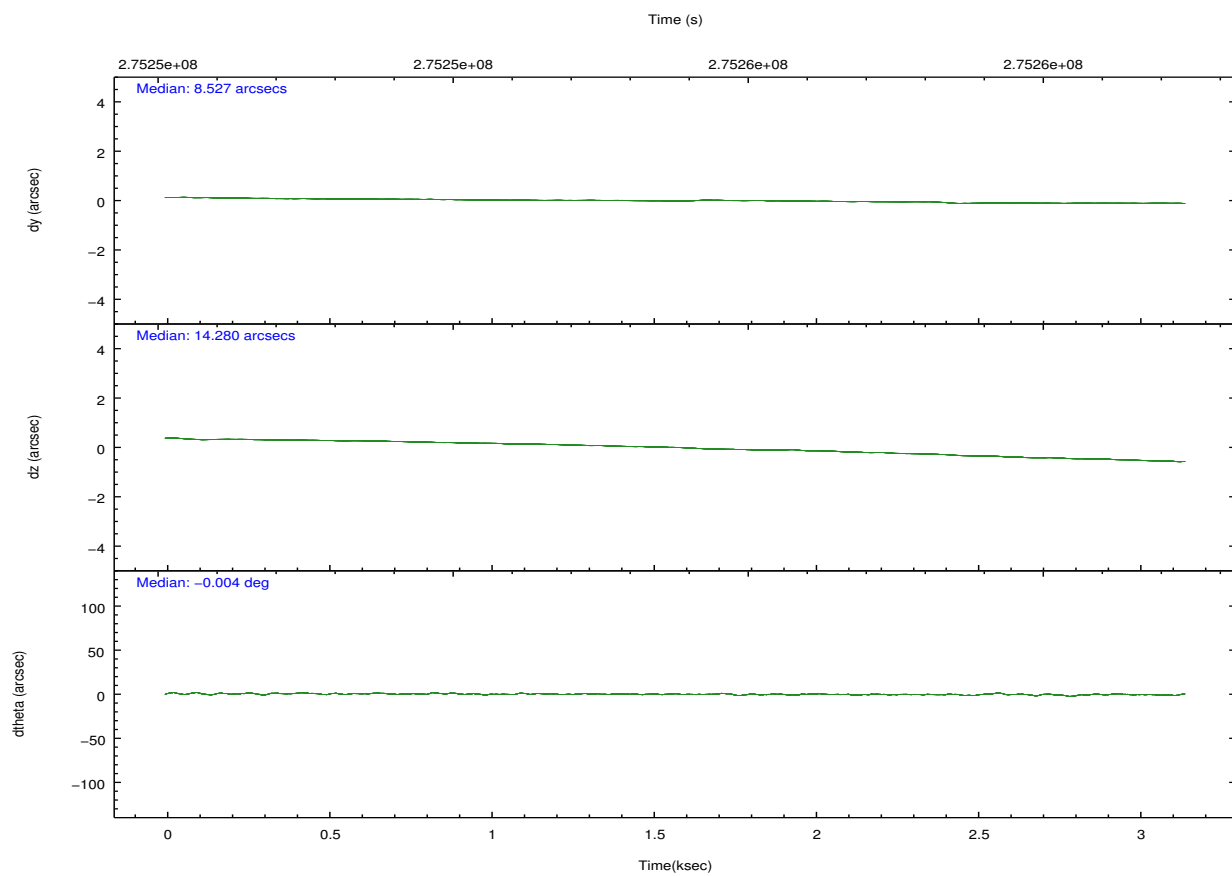
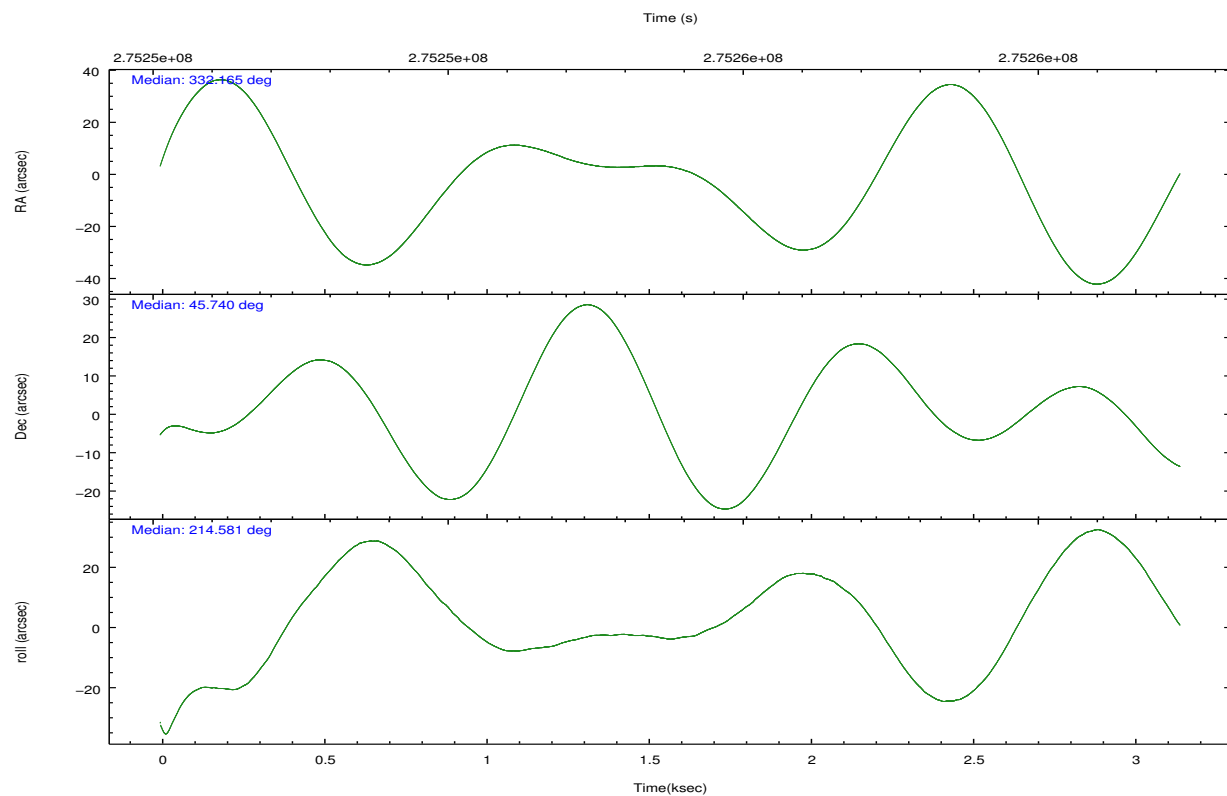
2.2 Compared Parameters

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	332.180112	332.1644294511964
[deg] Pointing Dec	45.766170	45.7396374971869
[deg] Pointing Roll	214.506007	214.5844409154402
[s] Window start time (MET)	273456065.184000	273456065.184000
[s] Window stop time (MET)	278640065.184000	278640065.184000
[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)	275253320.184000	275252178.55472
Observation start date	2006-09-21T19:14:15	2006-09-21T18:56:18
[s] Observation end time (MET)	275256320.184000	275256454.34242
Observation end date	2006-09-21T20:04:15	2006-09-21T20:07:34

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

2.3 Aspect



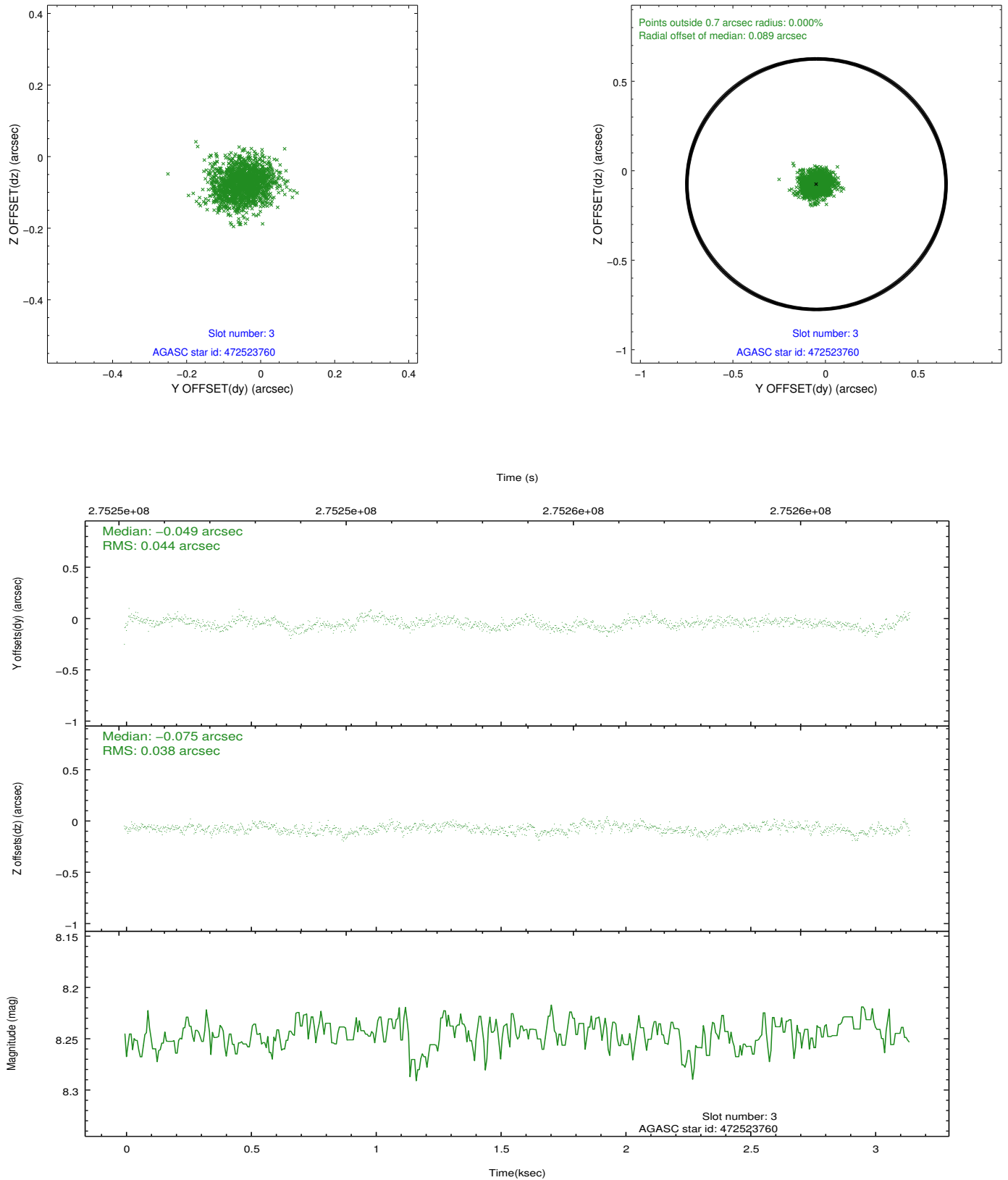


Slot Statistics

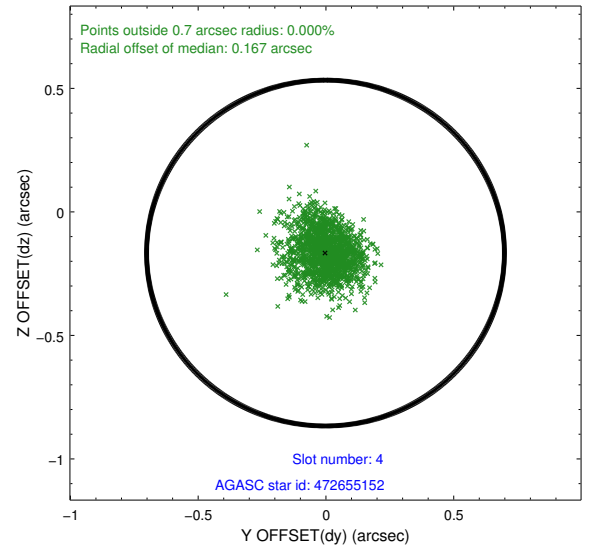
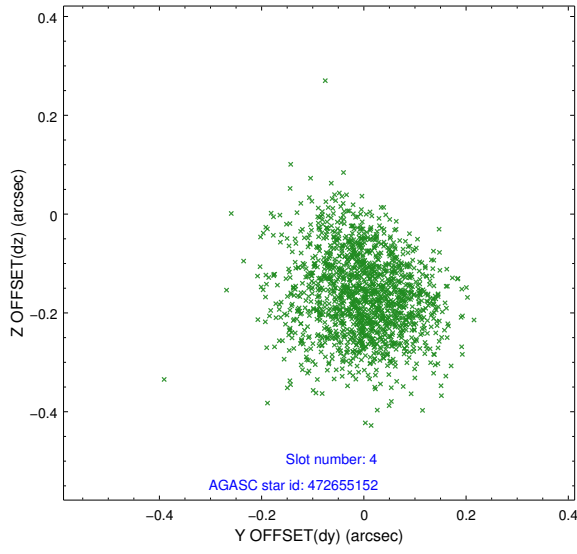
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	768	0.144	-0.193	0.012	0.023	0.000000	0.000000	-1162.66	-463.09
1	FID	HRC-S-2	7.05	767	0.135	-0.109	0.004	0.008	0.000000	0.000000	1235.47	-456.22
2	FID	HRC-S-3	7.07	768	0.111	-0.000	0.012	0.023	0.000000	0.000000	-1163.82	566.03
3	GUIDE	472523760	8.25	1533	-0.049	-0.075	0.062	0.097	331.645363	45.403260	1851.66	307.01
4	GUIDE	472655152	9.42	1533	-0.002	-0.167	0.119	0.194	332.504239	45.862991	-866.58	171.55
5	GUIDE	472665256	9.02	1534	0.085	0.086	0.086	0.136	332.808125	46.195041	-2167.99	-390.99
6	GUIDE	420754040	9.08	1534	0.006	0.108	0.090	0.144	331.917939	44.882543	2350.57	2241.72
7	GUIDE	472533912	9.16	1534	-0.034	0.047	0.104	0.171	331.791136	46.368695	-432.02	-2335.53

2.4 Star Slots

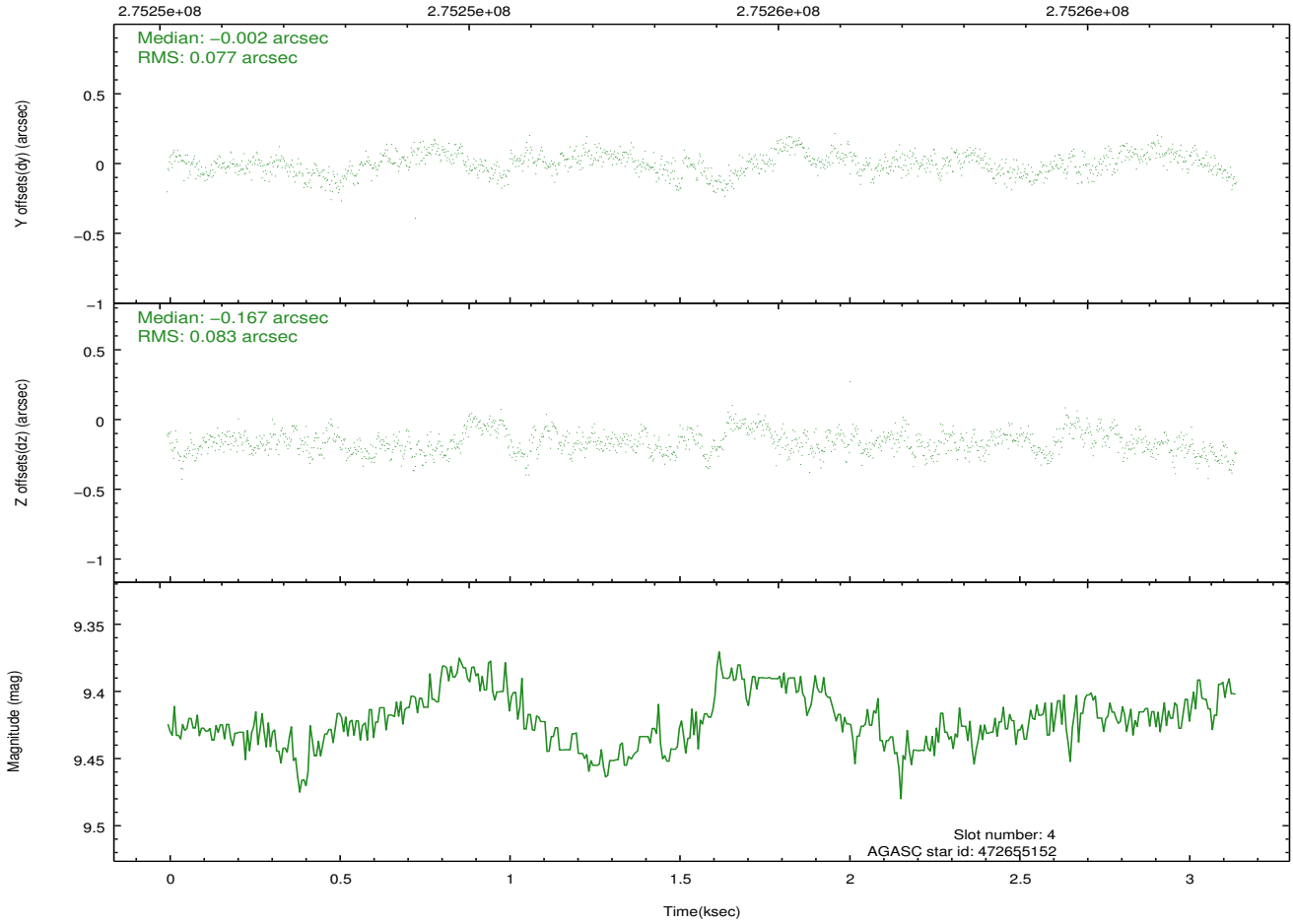
2.4.1 Slot 3



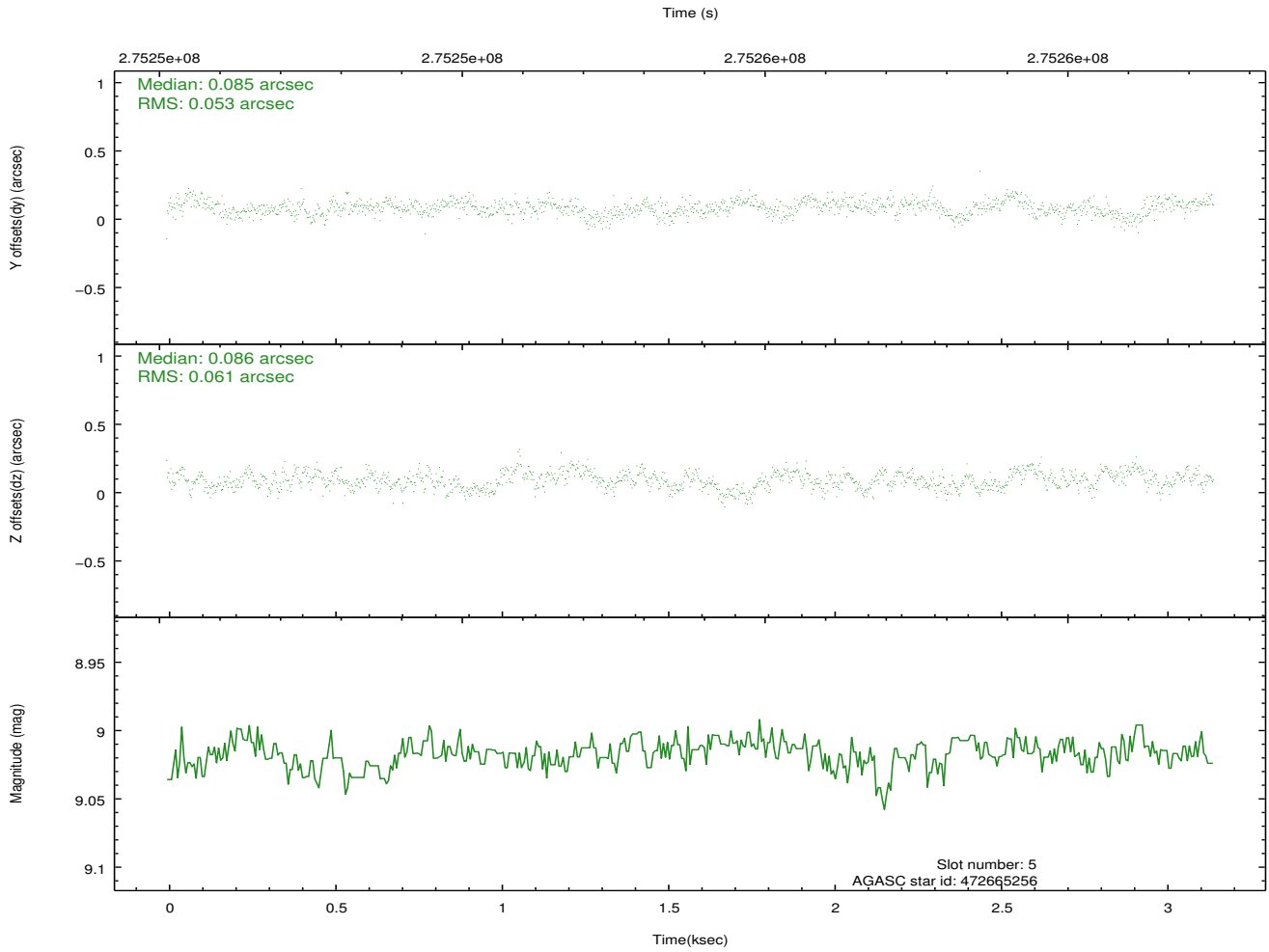
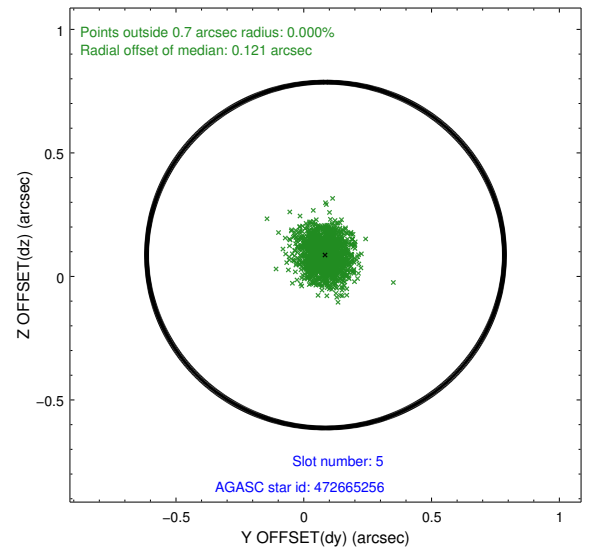
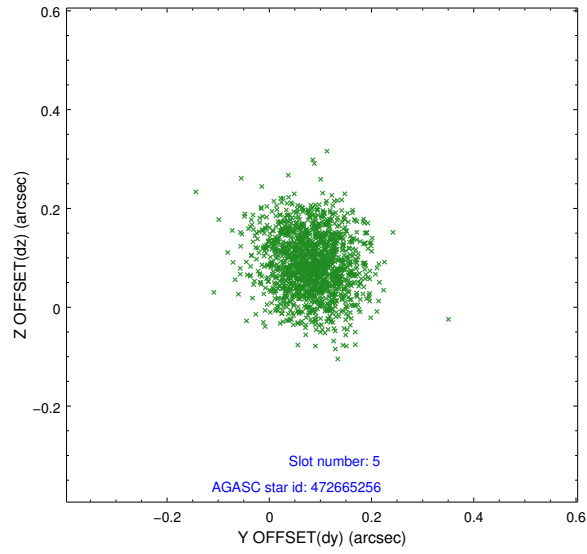
2.4.2 Slot 4



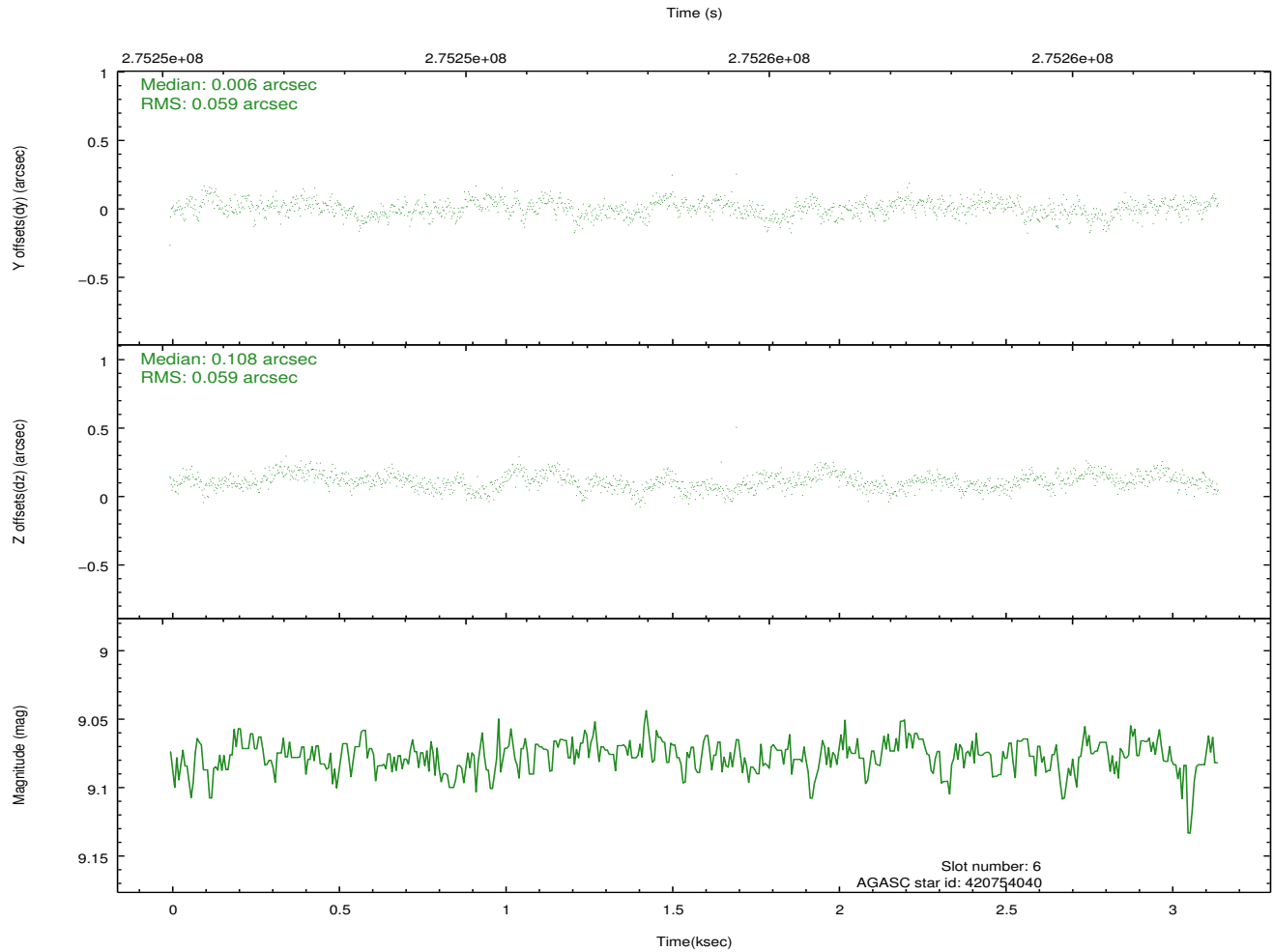
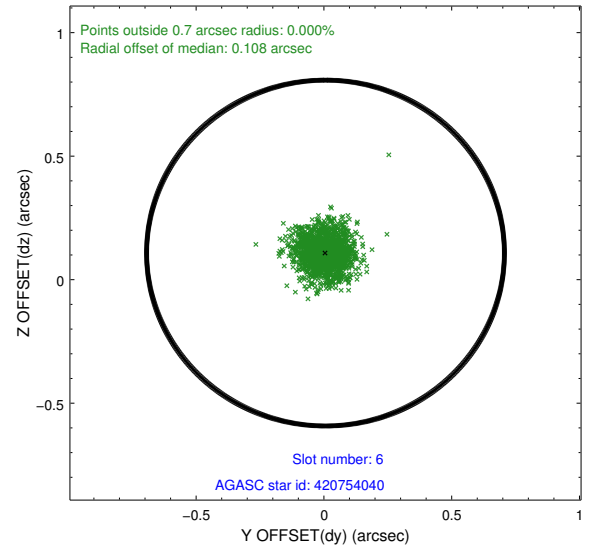
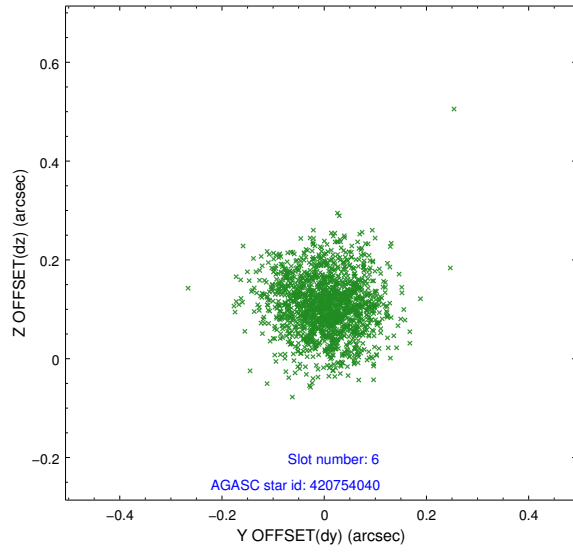
Time (s)



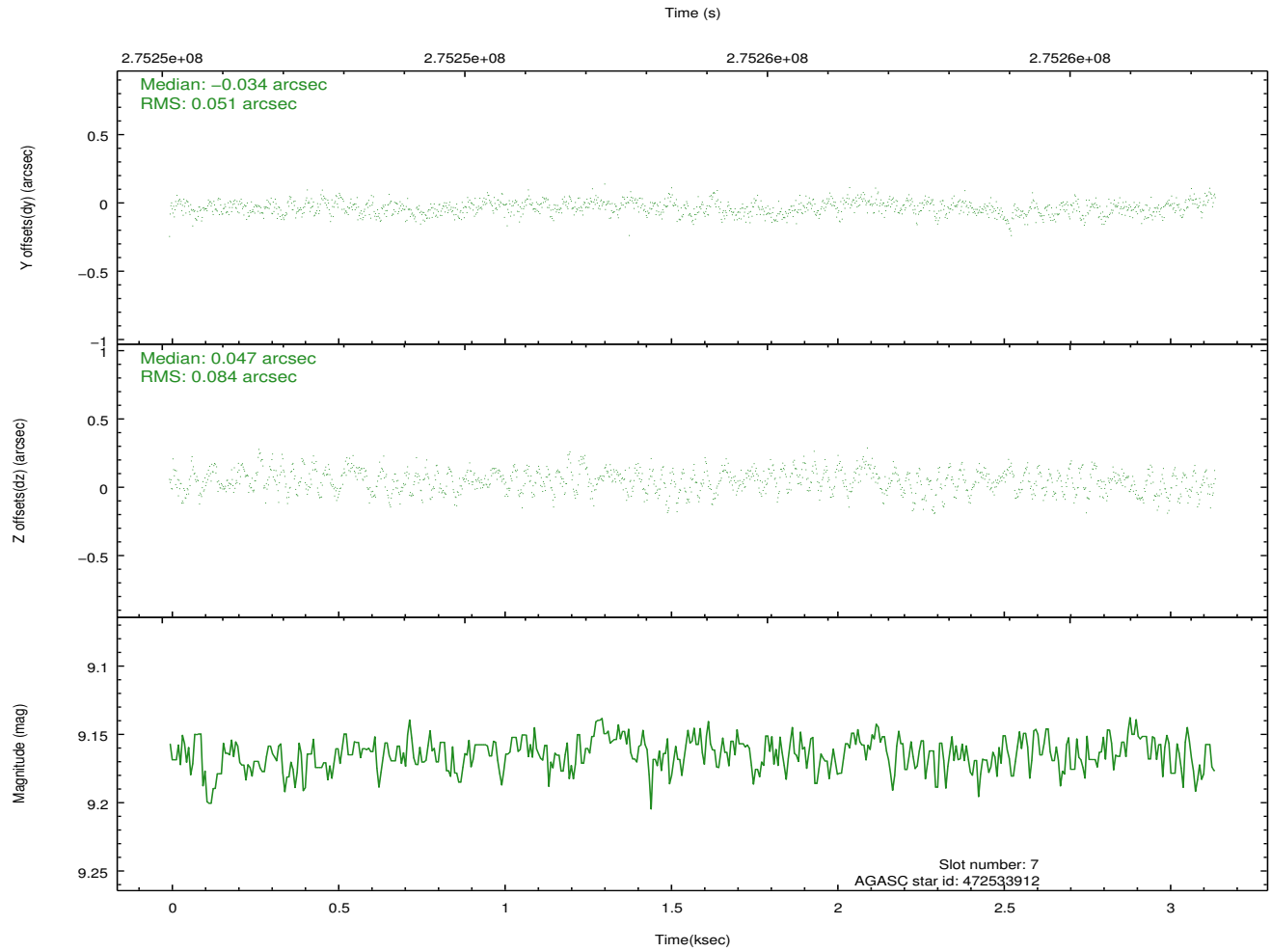
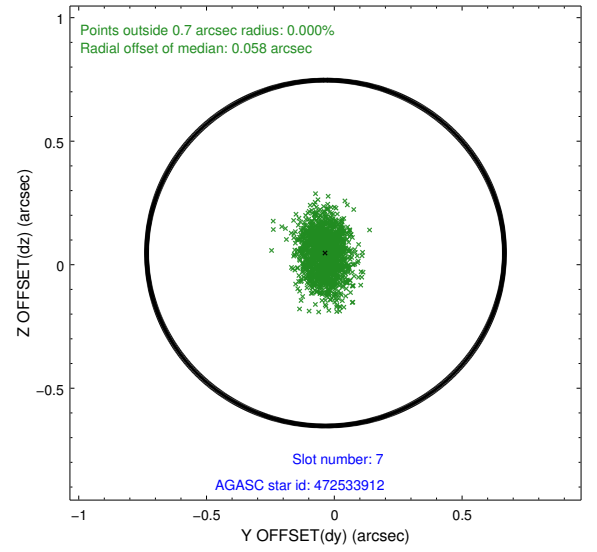
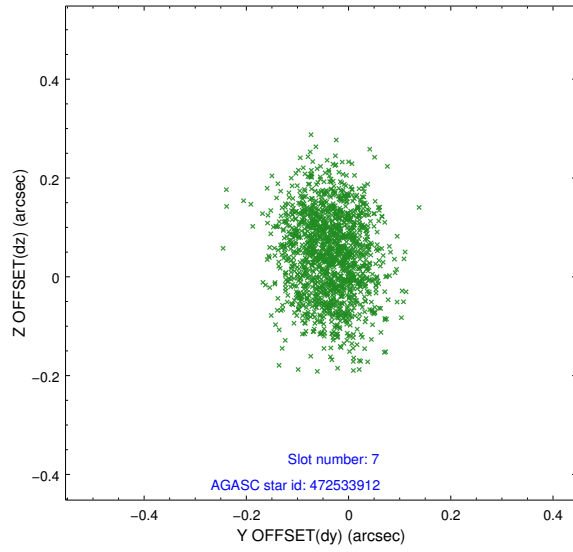
2.4.3 Slot 5



2.4.4 Slot 6

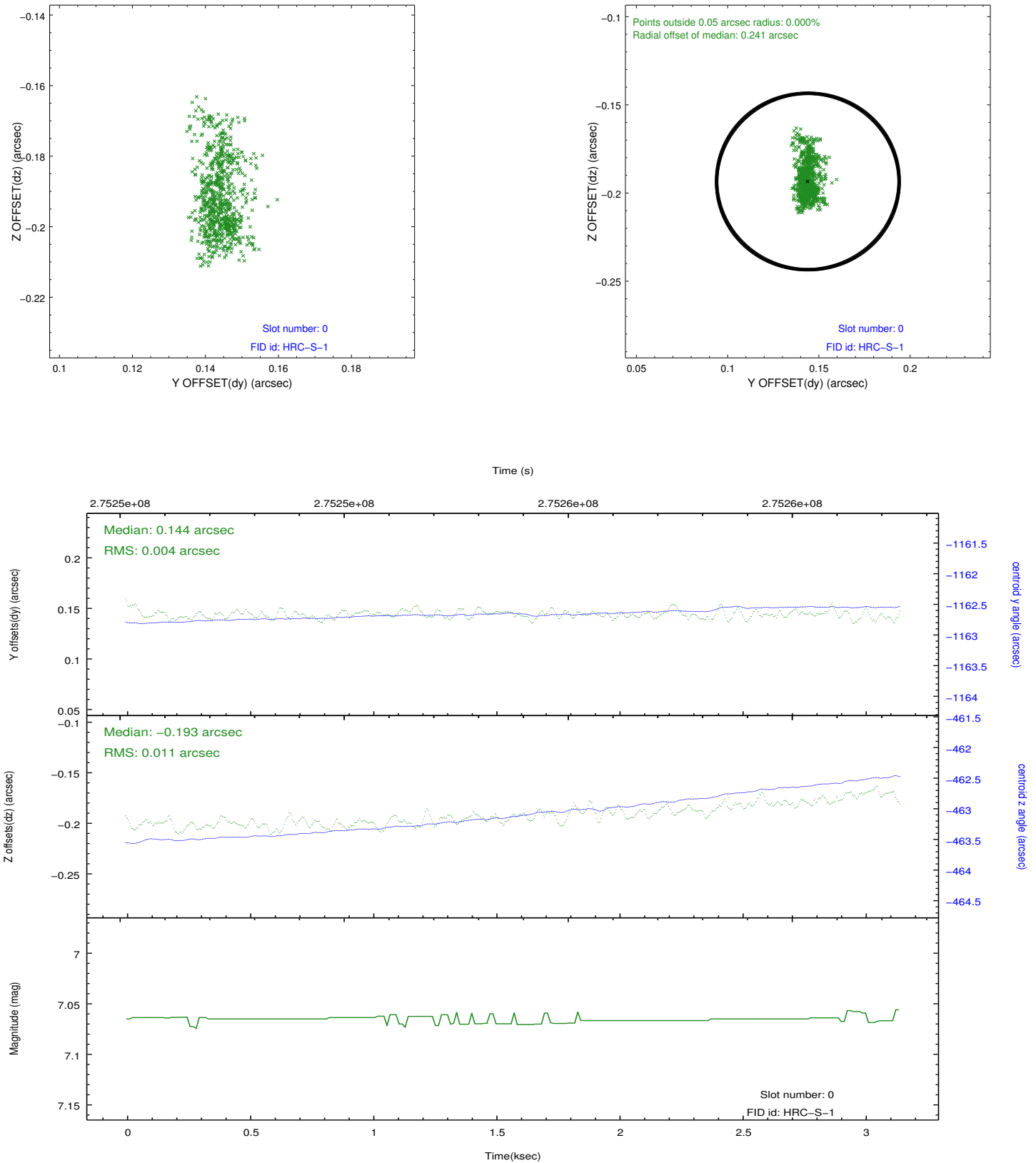


2.4.5 Slot 7

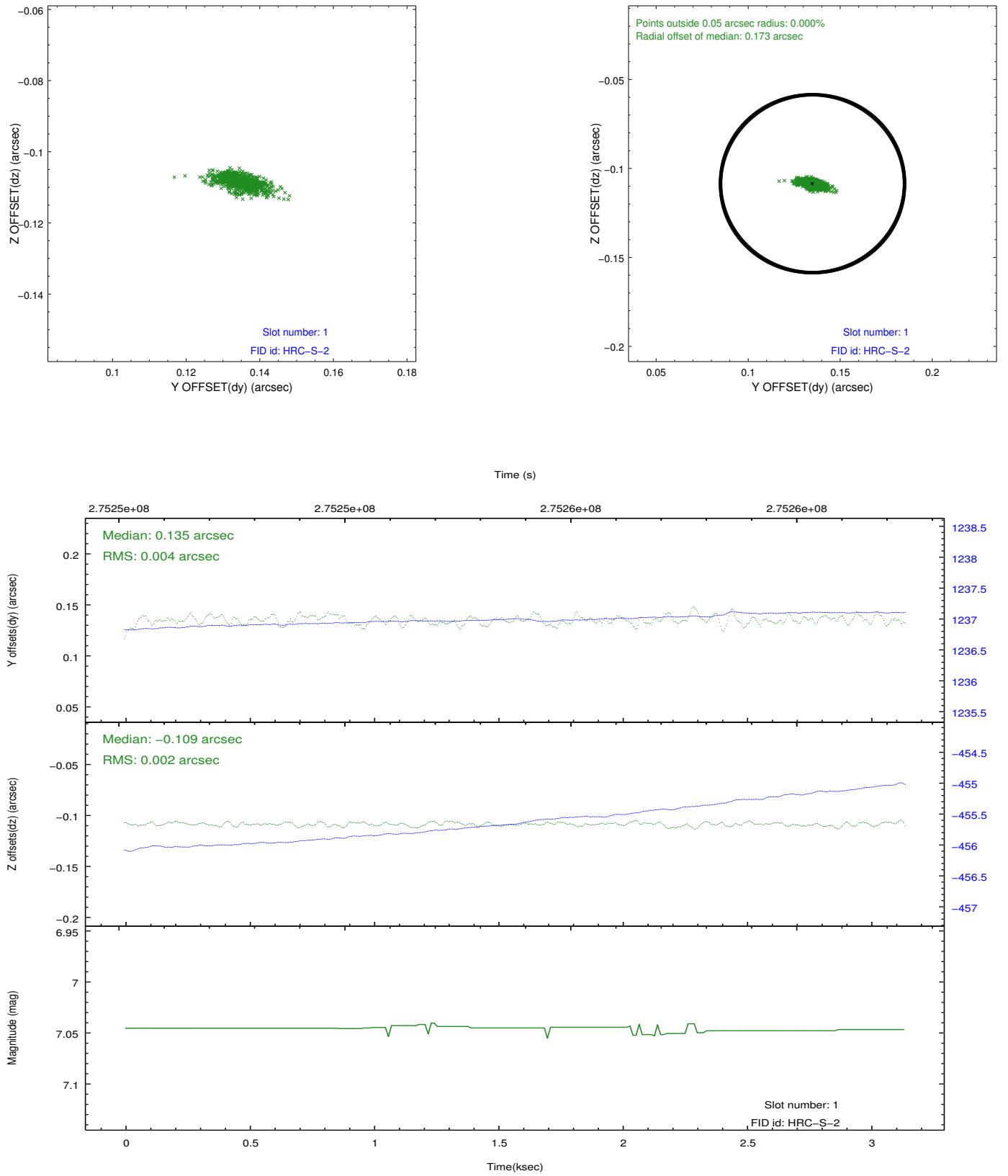


2.5 FID Slots

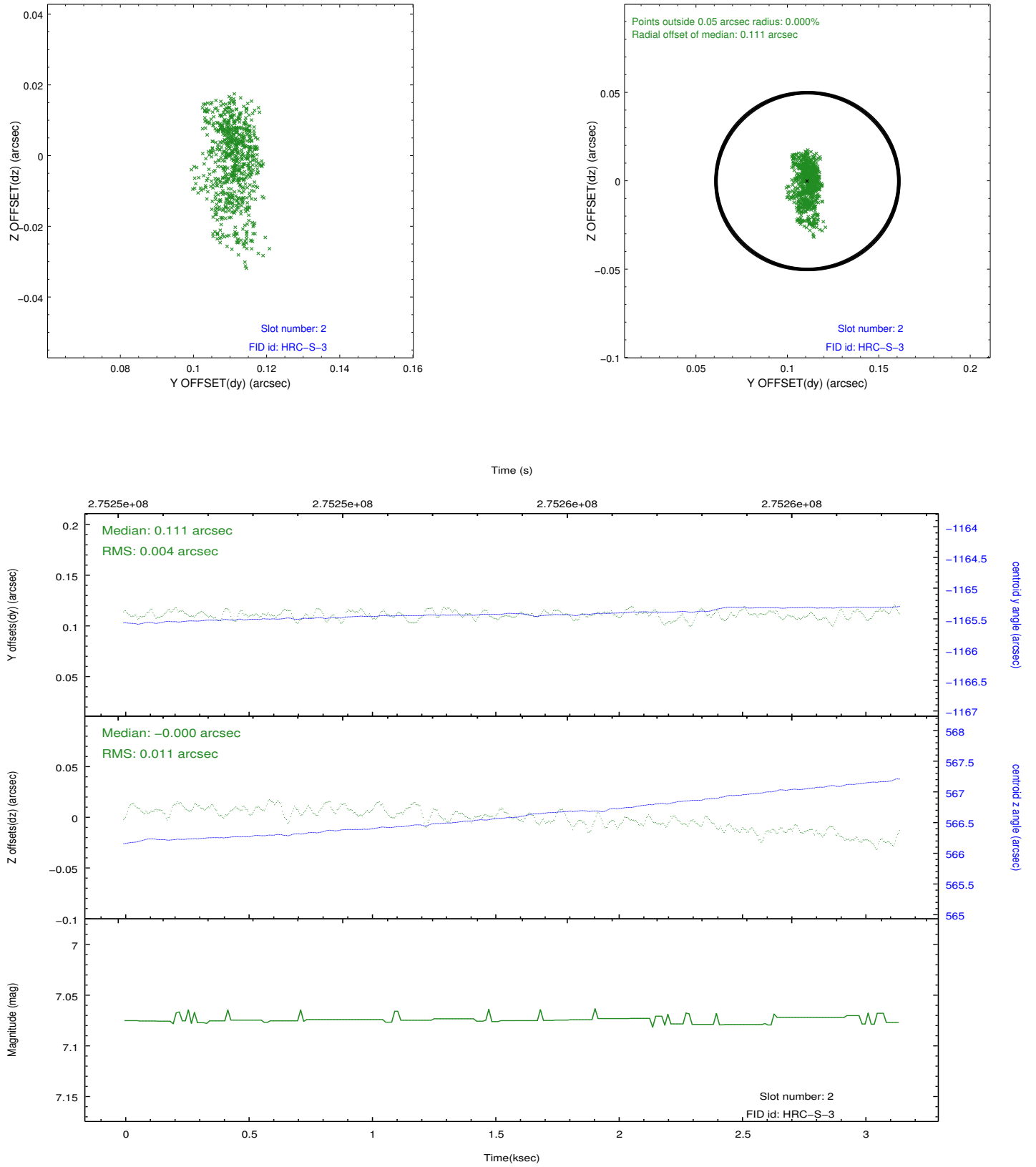
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.14367514

A.2 Comments

Window constraint met.