

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6018 - L2 Version 3
Chandra X-Ray Center

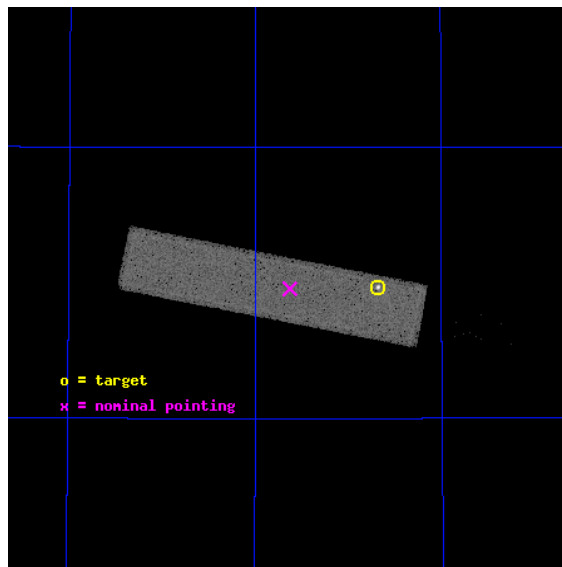
L2 Processing Date : Dec 28 2012

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1 Front

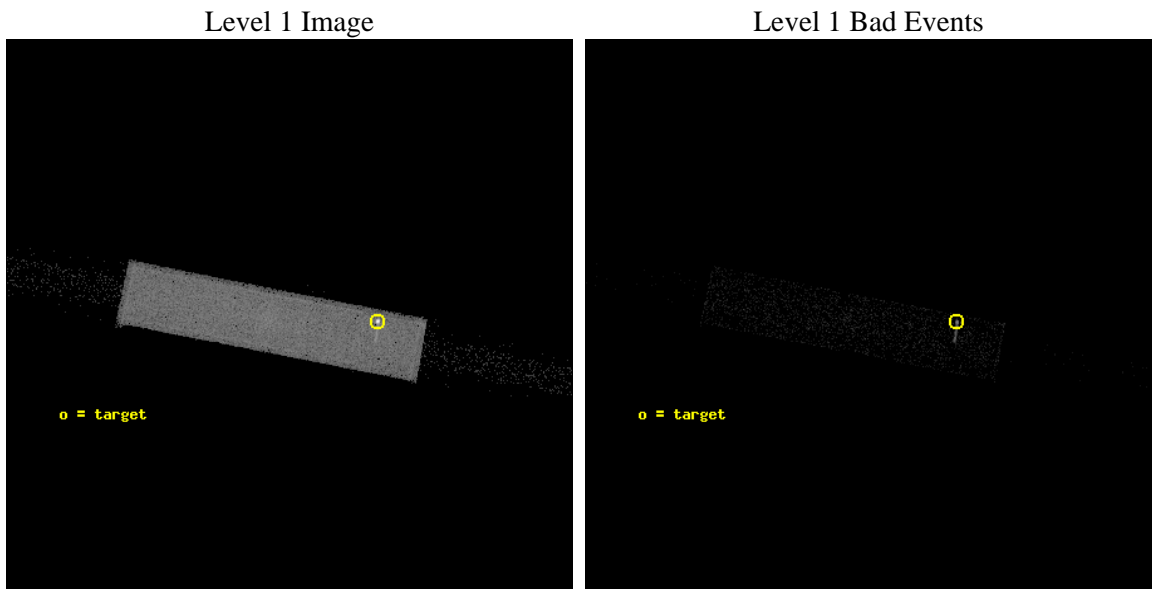
seq_num	290510	Sequence number
obs_id	6018	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.40646562174	Nominal RA [deg]
dec_nom	45.739703547356	Nominal Dec [deg]
roll_nom	190.93903853901	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.4813031554	[s]
livetime	1148.9734084227	Ontime multiplied by DTCOR
l2events	59601	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	1157.4813031554	[s]
caldsver	4.5.5	 	l1events	95382	Number of level 1 events
date	2012-12-28T18:51:49	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

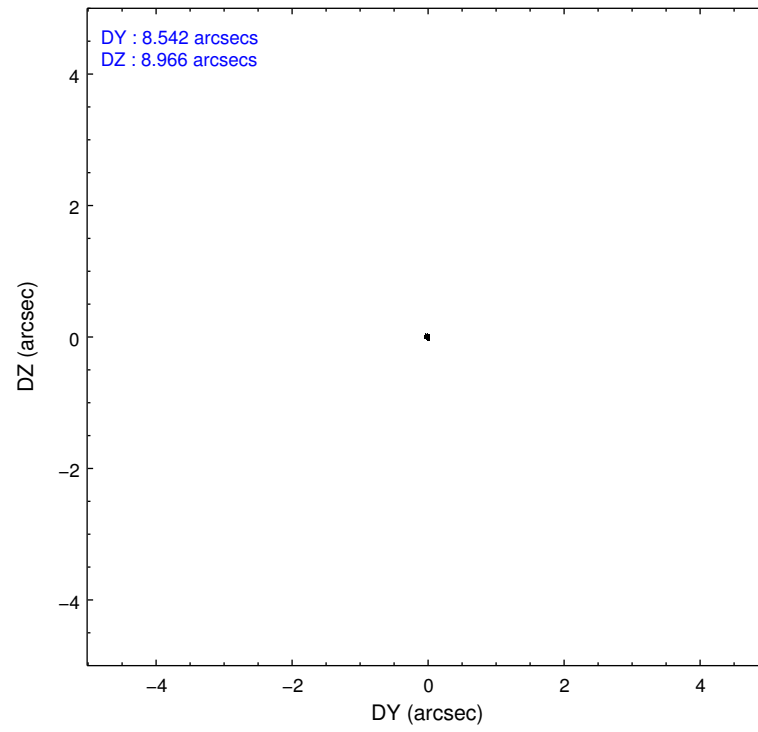
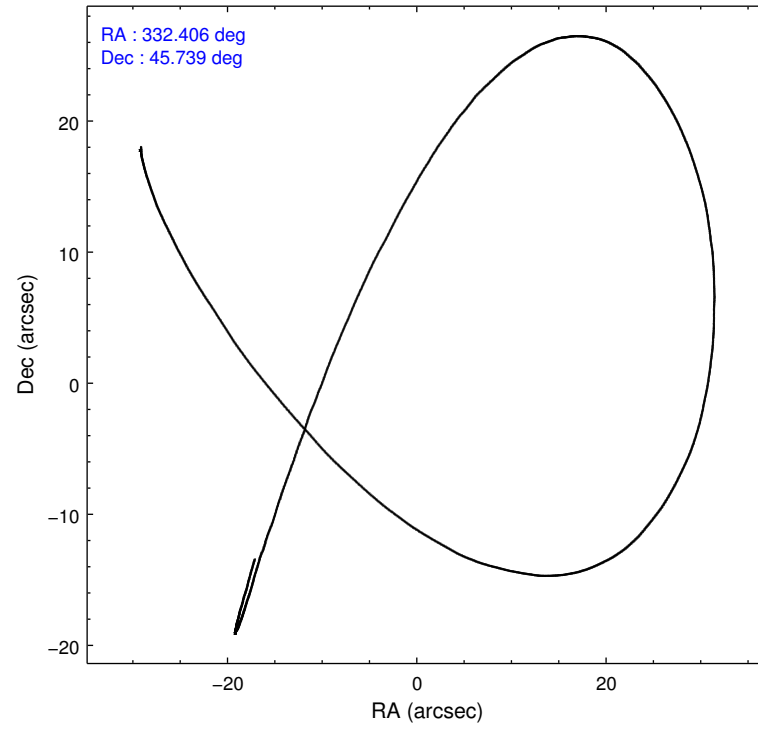
Level 1 Events

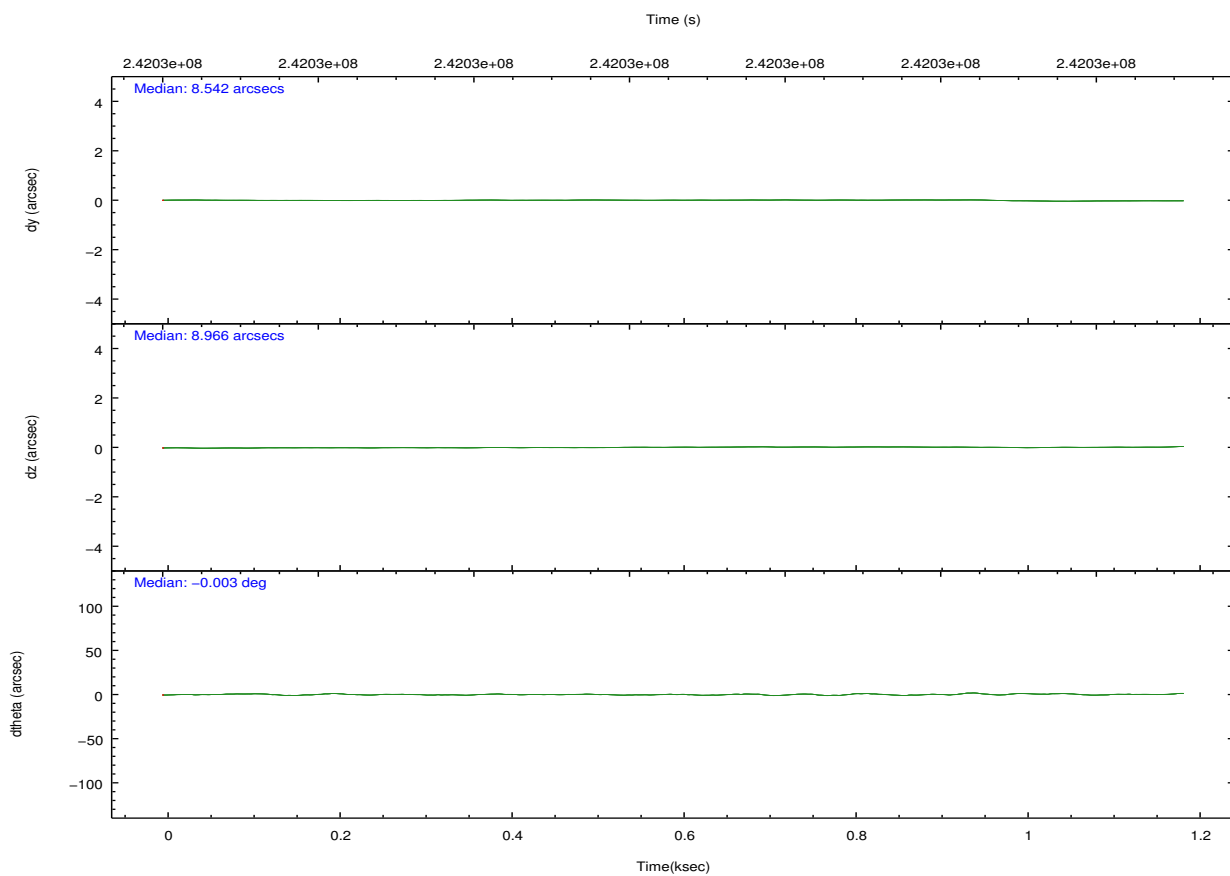
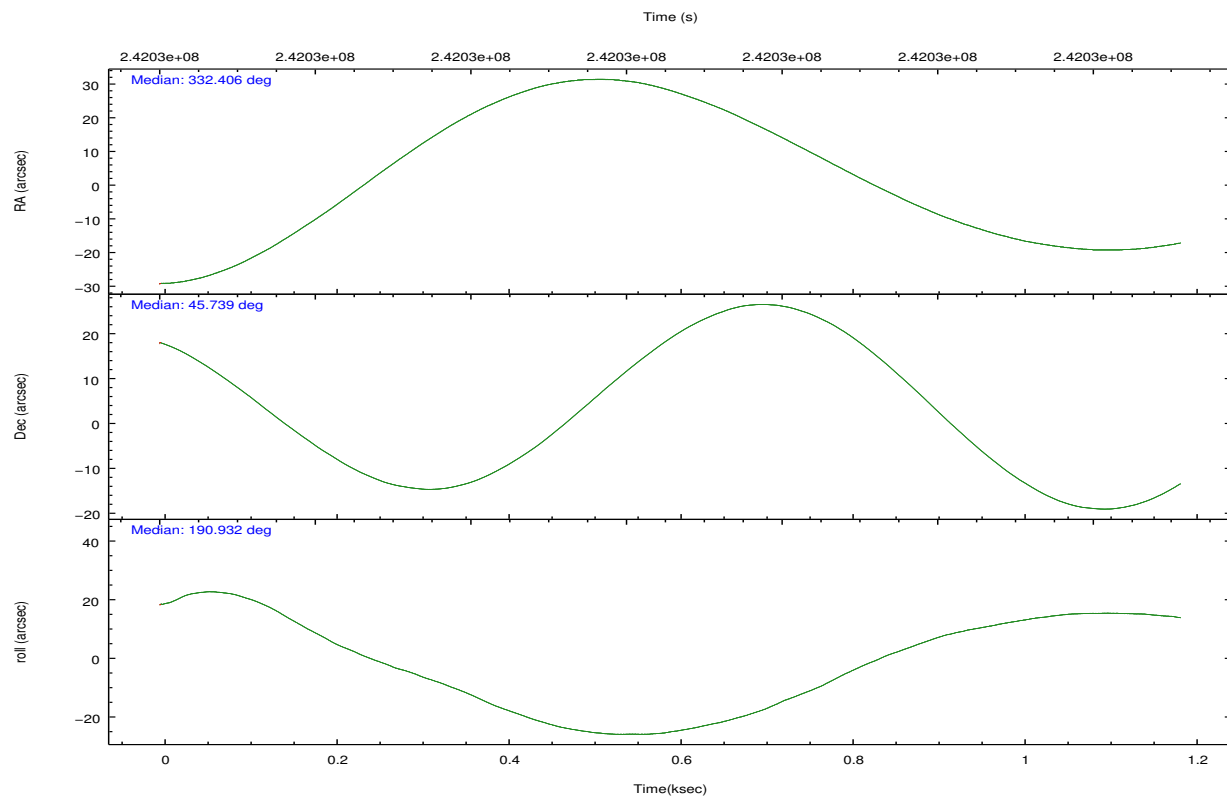
	segment 1	segment 2	segment 3
level 1 events	846	93717	819
rejected events	846	21834	801
rejected %	100%	23%	97%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.436524	332.4064656217357			
[deg] Pointing Dec	45.760276	45.73970354735561			
[deg] Pointing Roll	190.850189	190.9390385390128			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	242025444.184000	242025068.73468			
Observation start date	2005-09-02T05:16:20	2005-09-02T05:11:08			
[s] Observation end time (MET)	242026444.184000	242026578.55975			
Observation end date	2005-09-02T05:33:00	2005-09-02T05:36:18			

2.3 Aspect



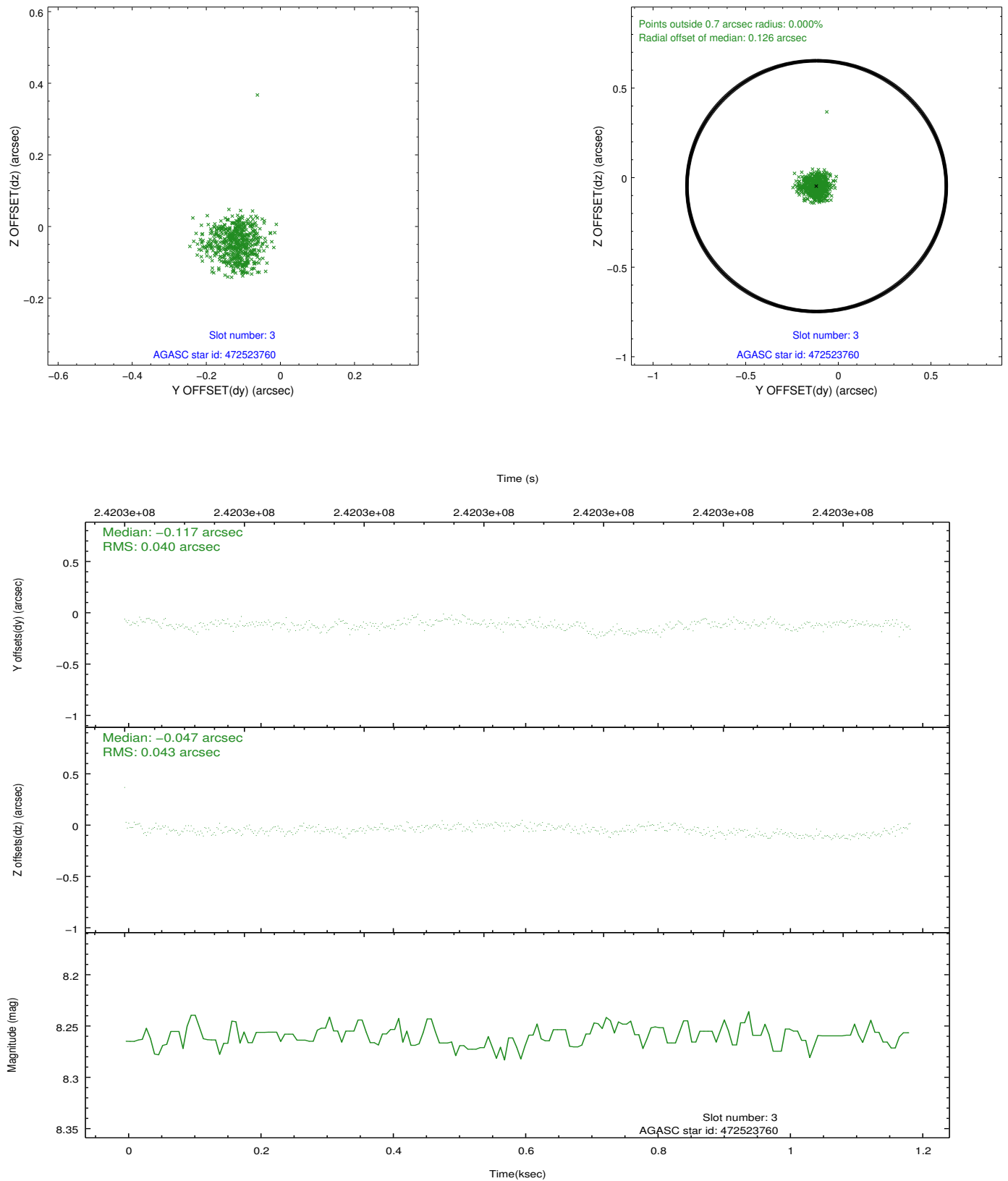


Slot Statistics

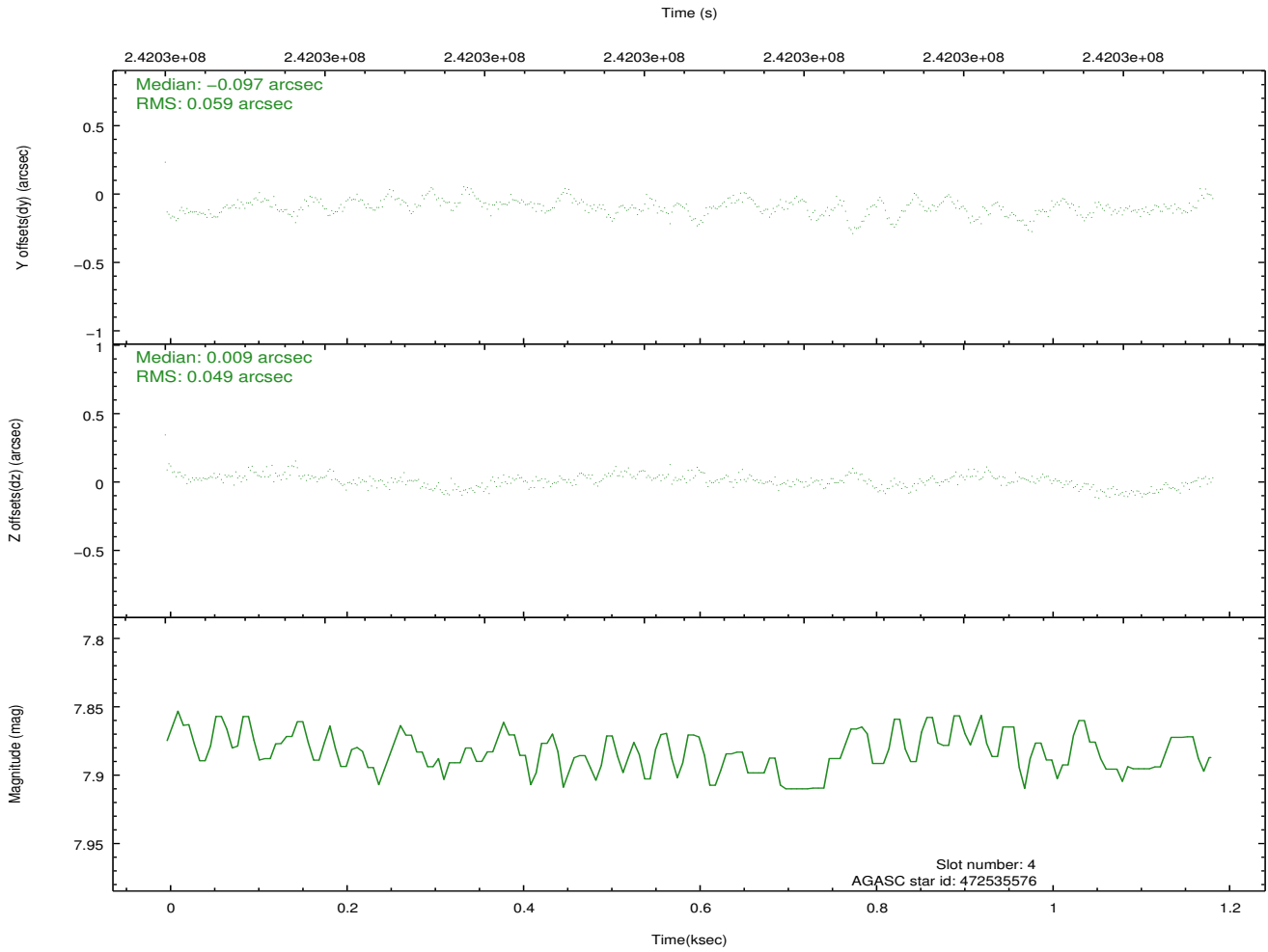
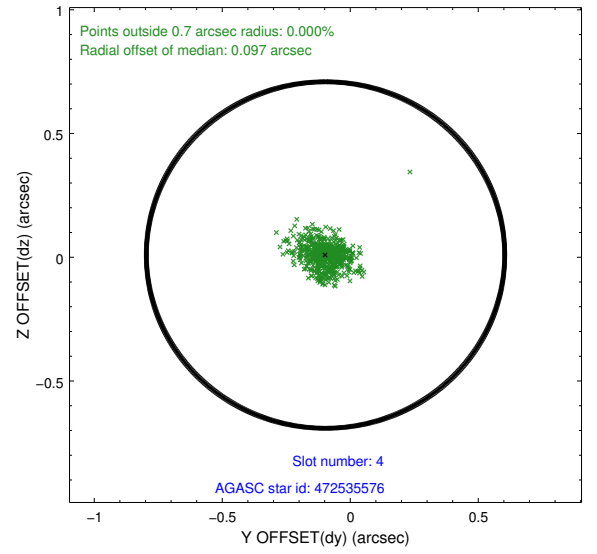
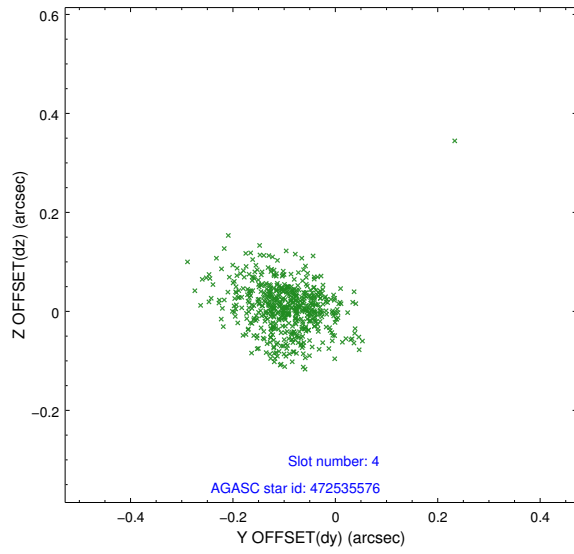
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	290	0.161	-0.175	0.007	0.012	0.000000	0.000000	-1162.70	-457.63
1	FID	HRC-S-2	7.03	290	0.125	-0.112	0.005	0.008	0.000000	0.000000	1232.93	-451.80
2	FID	HRC-S-3	7.05	290	0.103	-0.015	0.007	0.011	0.000000	0.000000	-1161.22	570.50
3	GUIDE	472523760	8.26	580	-0.117	-0.047	0.062	0.097	331.645363	45.403260	2202.55	874.00
4	GUIDE	472535576	7.88	580	-0.097	0.009	0.078	0.134	331.438373	46.291802	2078.13	-2362.68
5	GUIDE	472655152	9.45	580	0.154	0.072	0.102	0.168	332.504239	45.862991	-233.95	-337.67
6	GUIDE	472665256	9.00	580	0.122	0.046	0.085	0.148	332.808125	46.195041	-1205.97	-1368.10
7	GUIDE	472654568	9.43	579	-0.066	-0.092	0.131	0.211	332.194449	45.063576	1072.80	2341.80

2.4 Star Slots

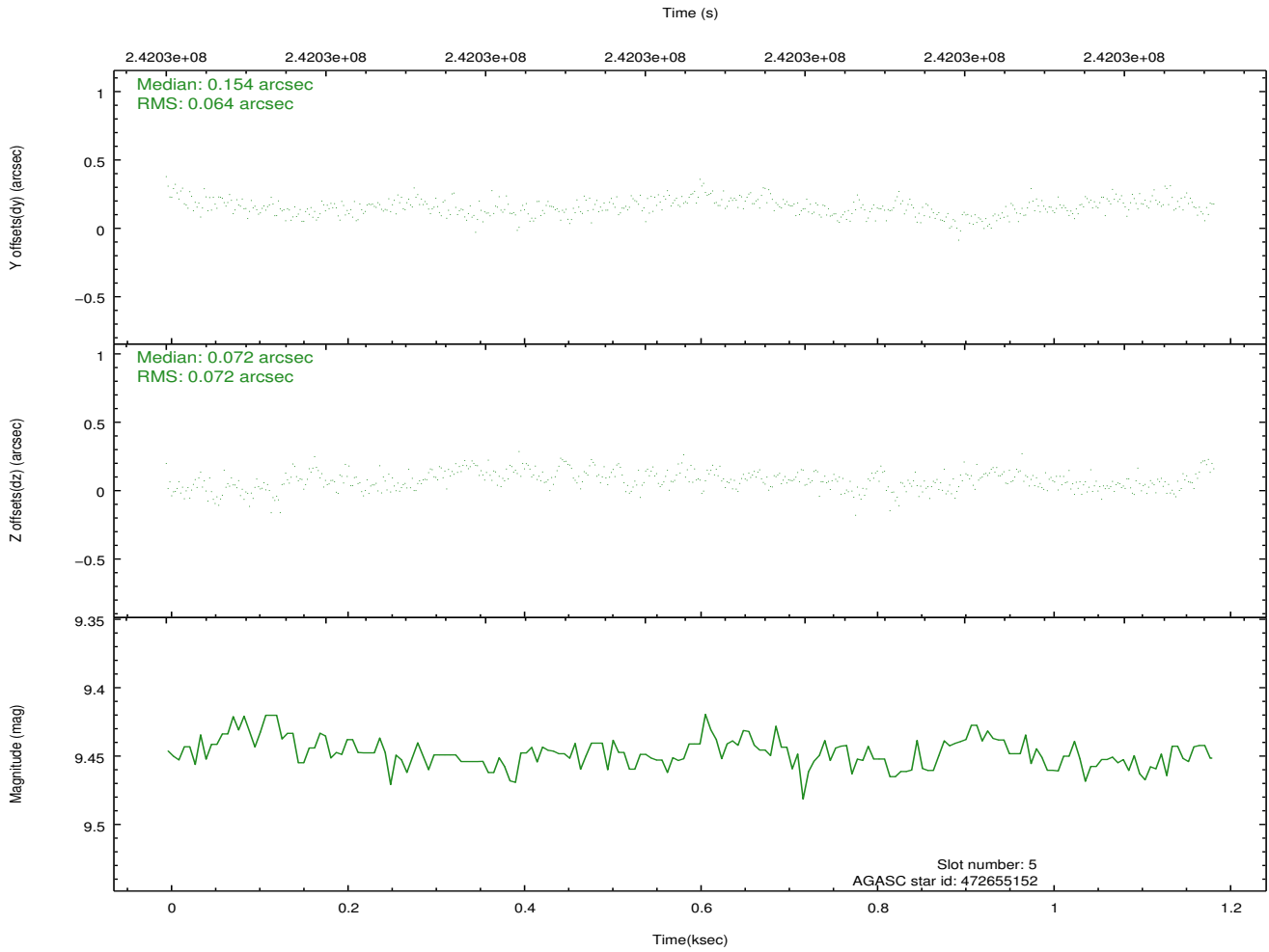
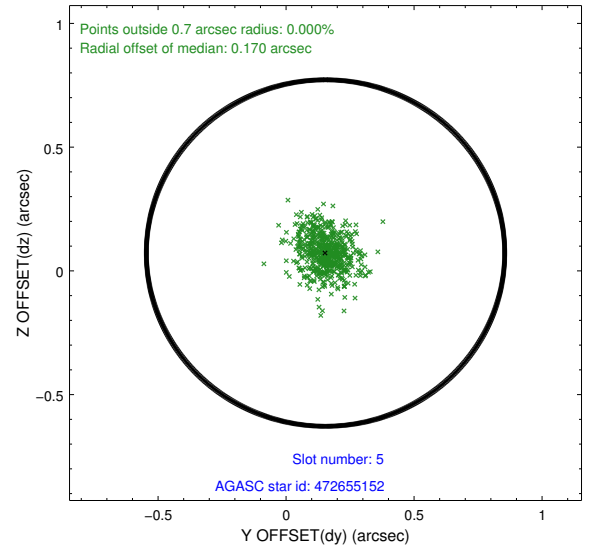
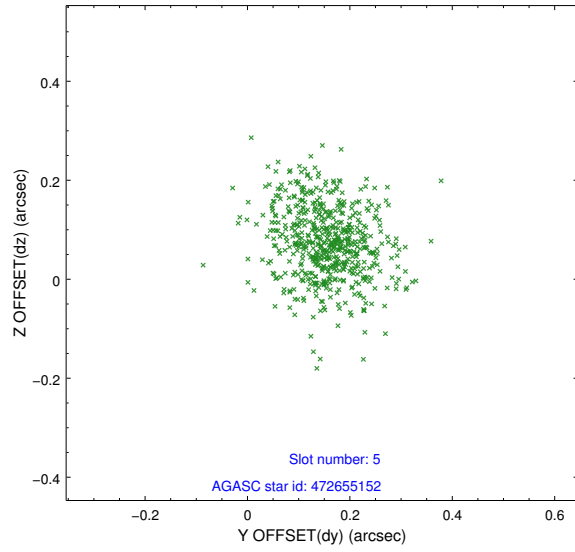
2.4.1 Slot 3



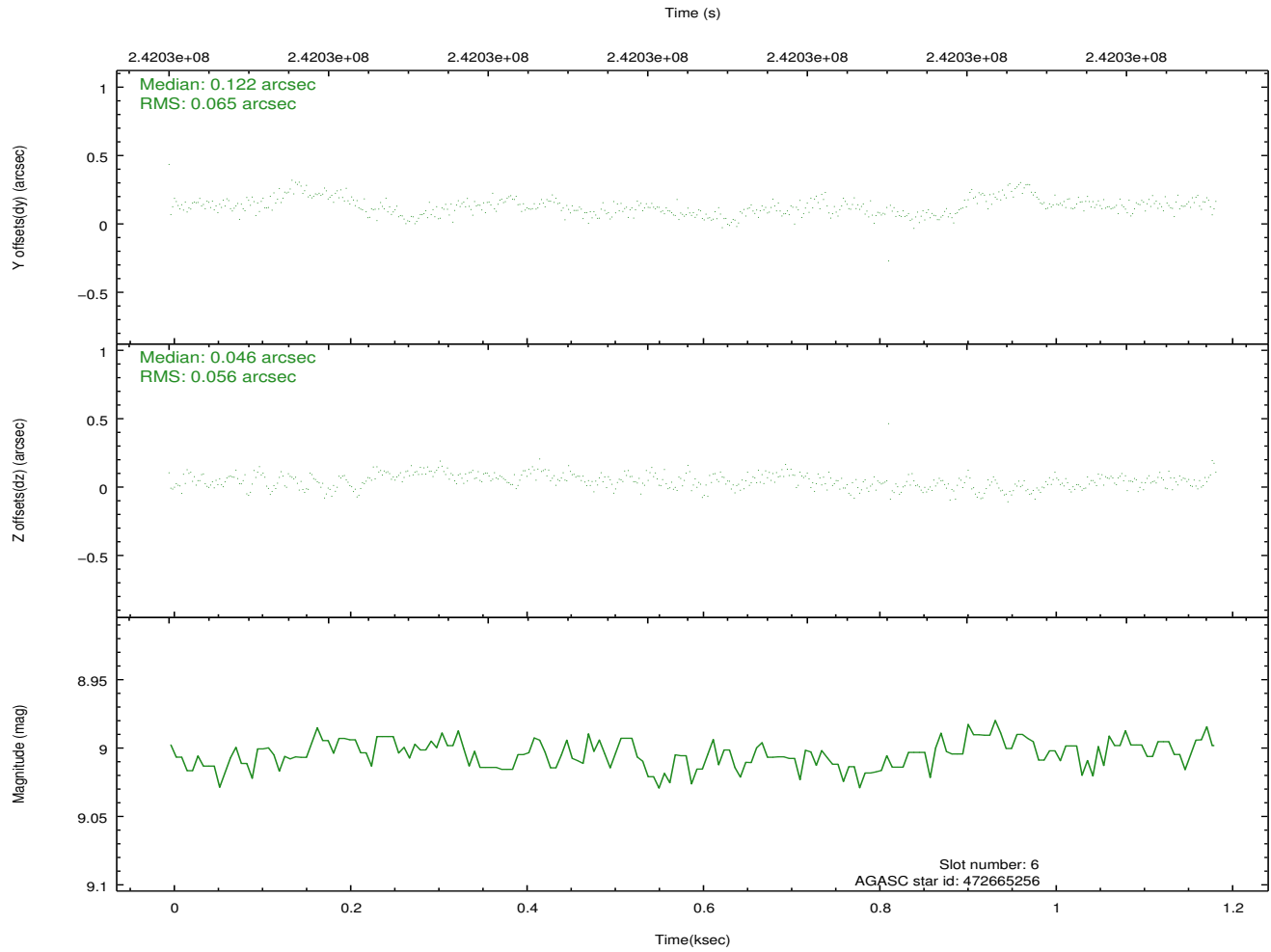
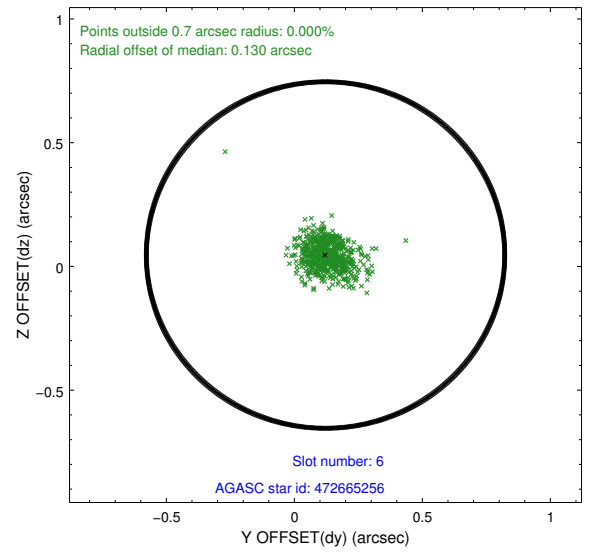
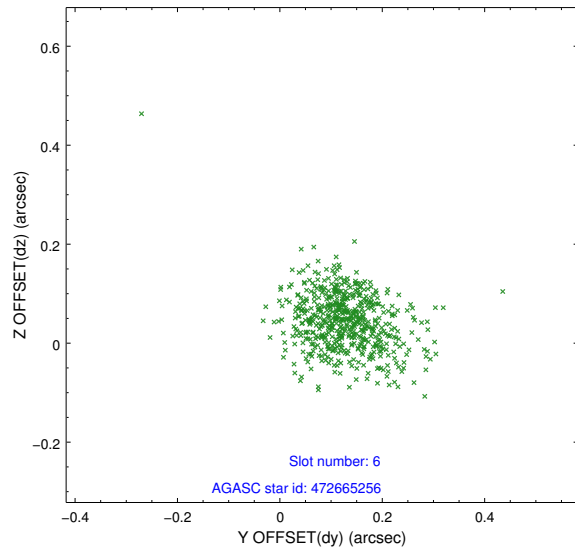
2.4.2 Slot 4



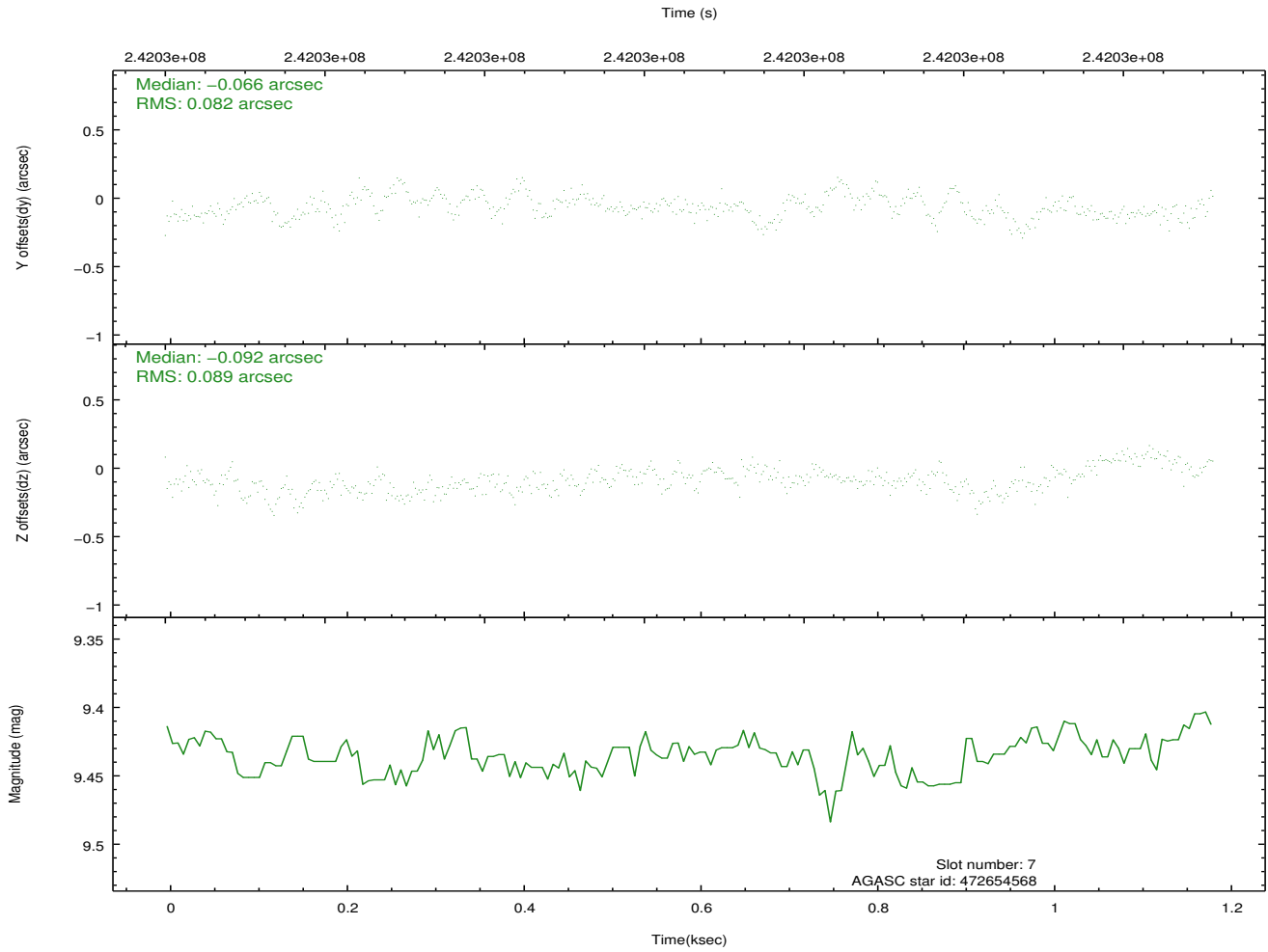
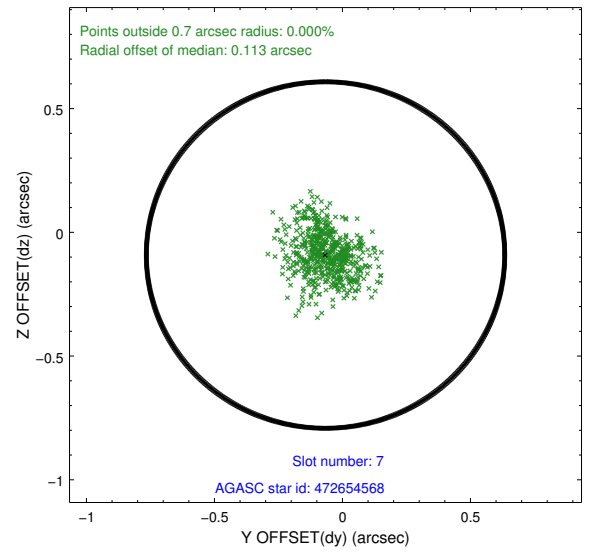
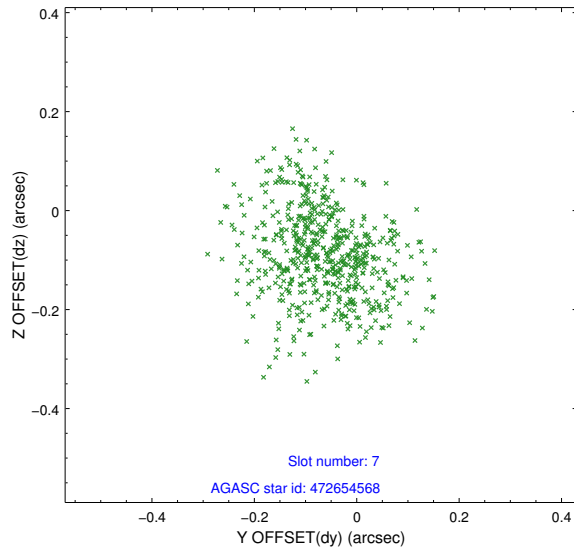
2.4.3 Slot 5



2.4.4 Slot 6

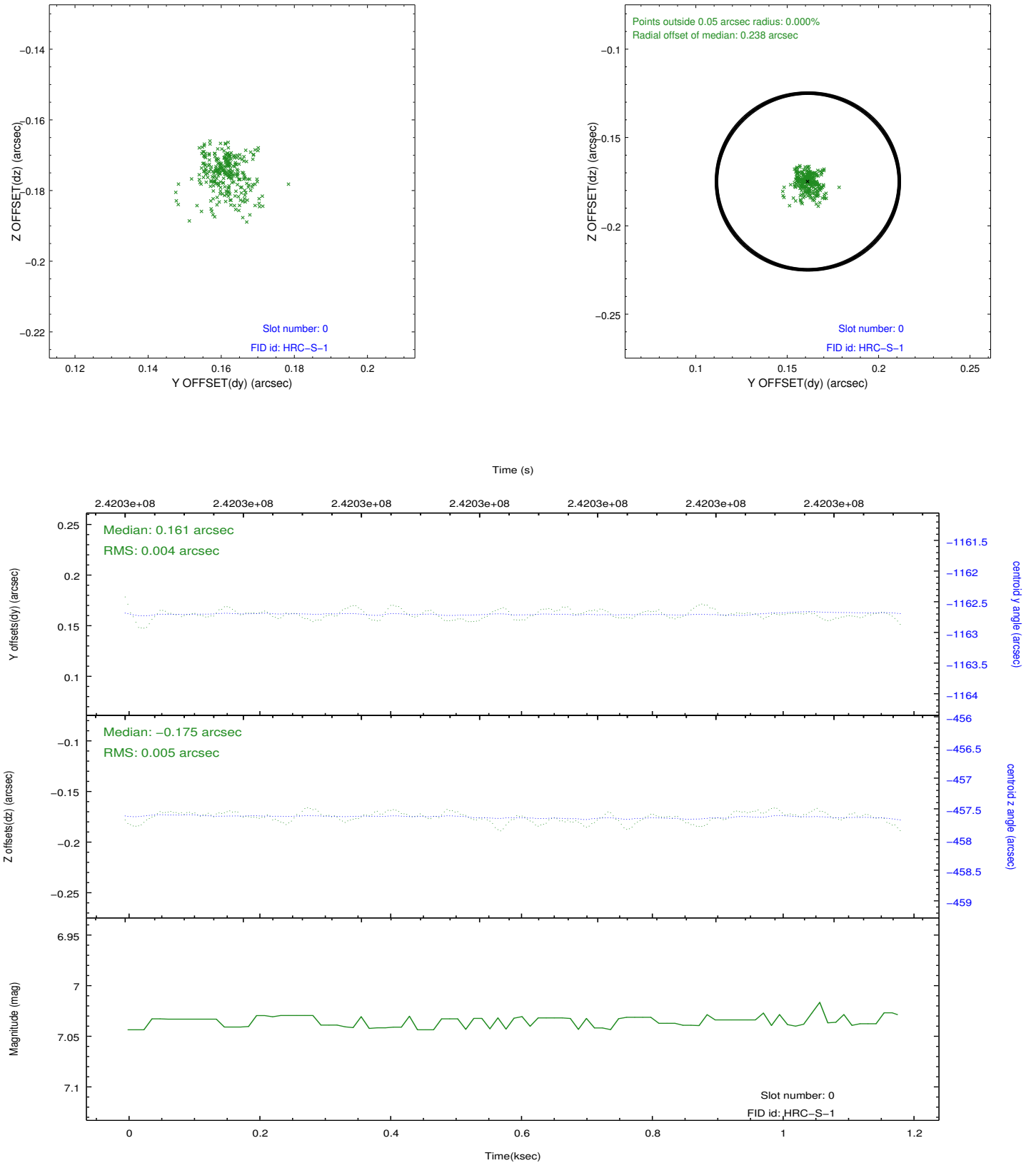


2.4.5 Slot 7

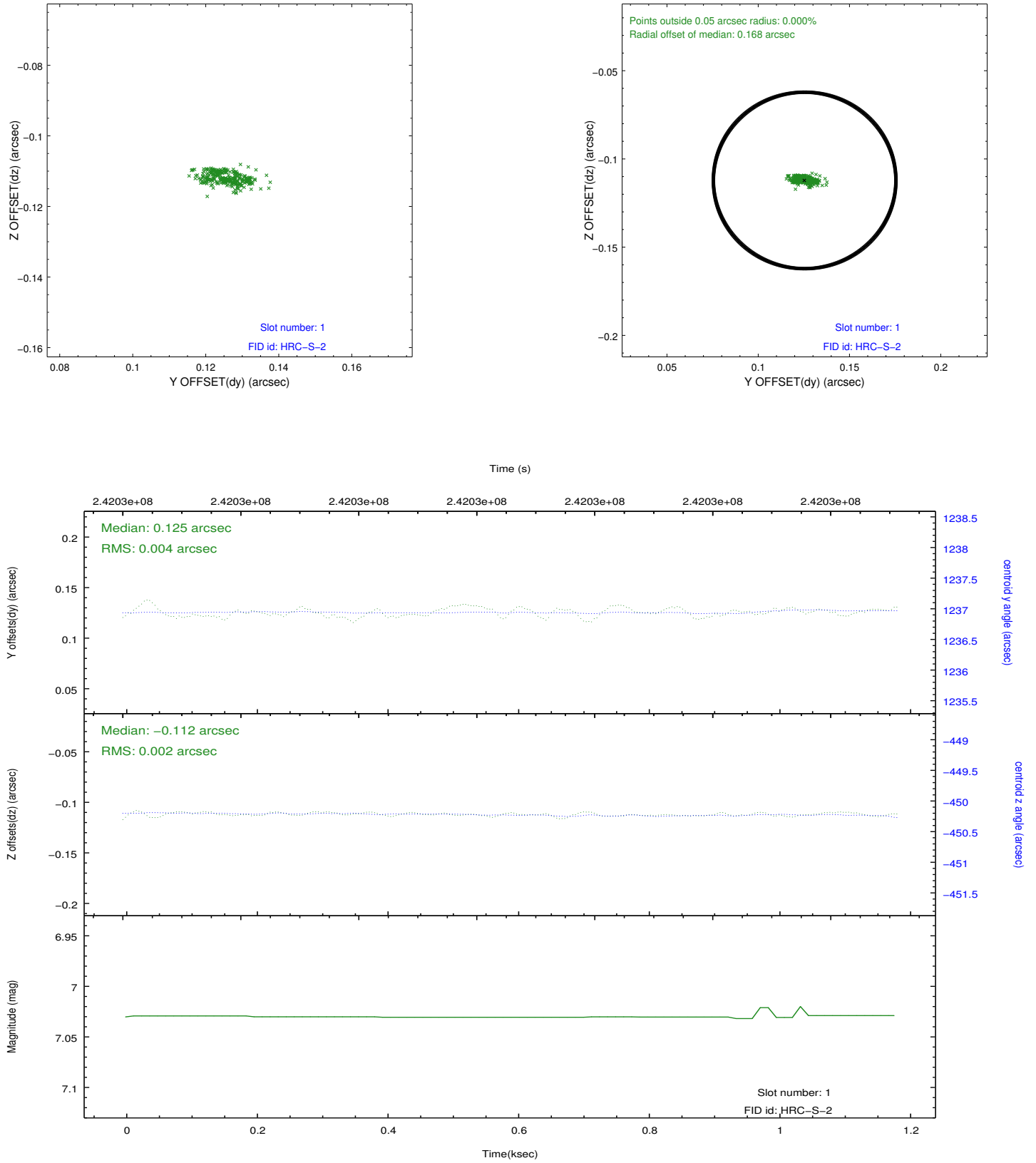


2.5 FID Slots

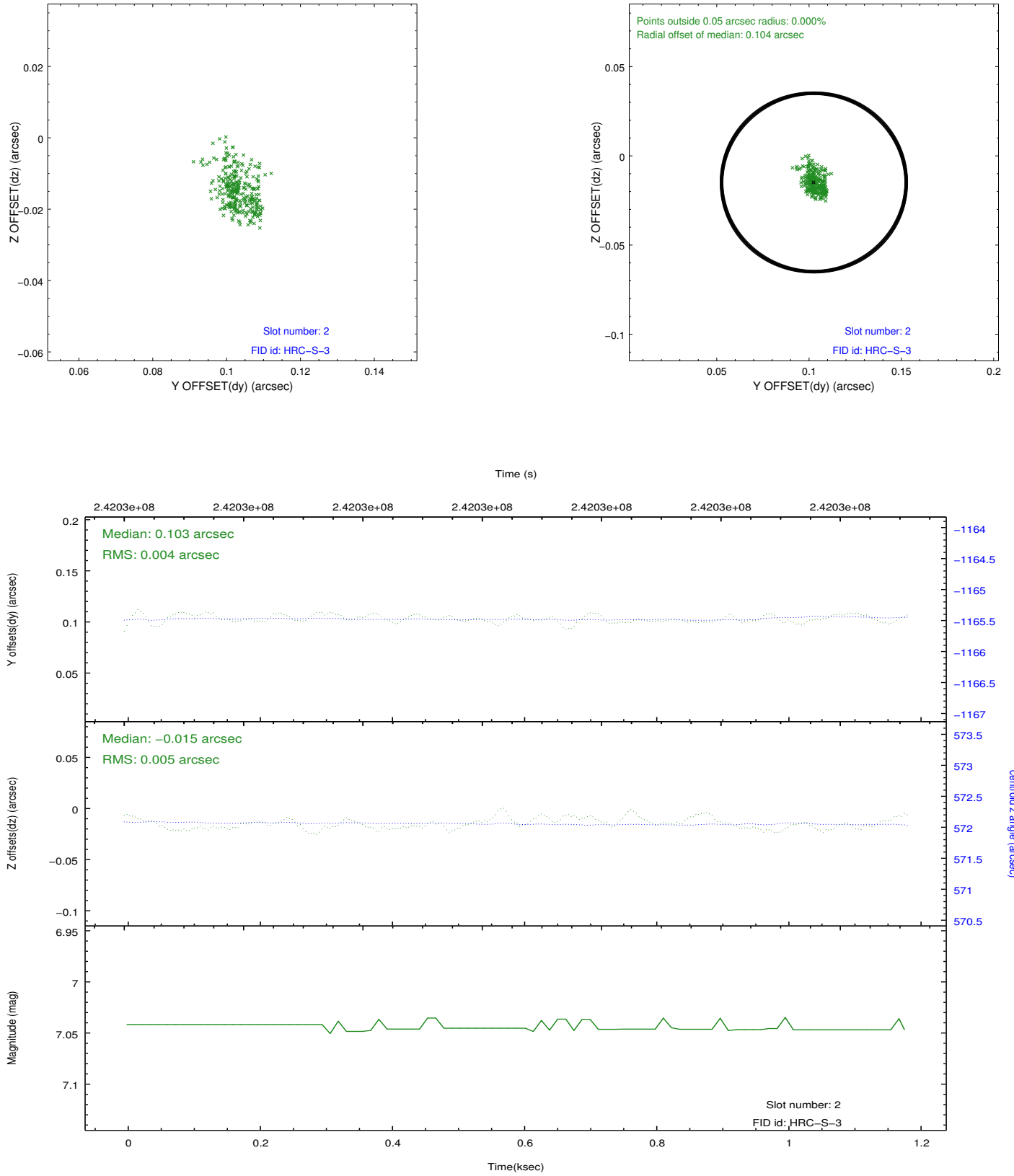
2.5.1 Slot 0



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)	2013.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.157481

A.2 Comments