

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6012 - L2 Version 3
Chandra X-Ray Center

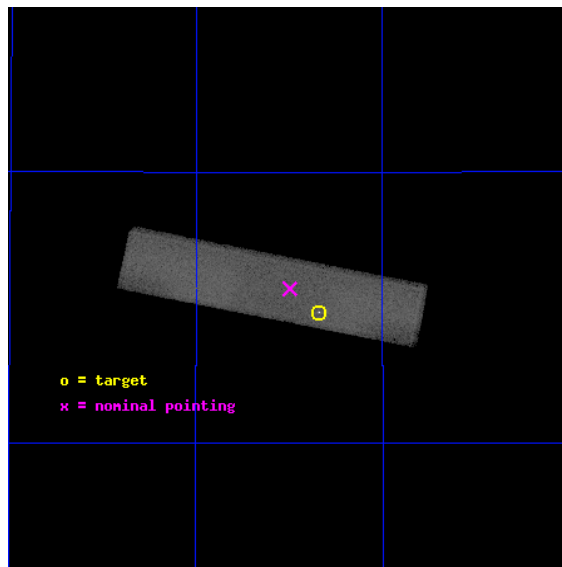
L2 Processing Date : Mar 19 2013

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1 Front

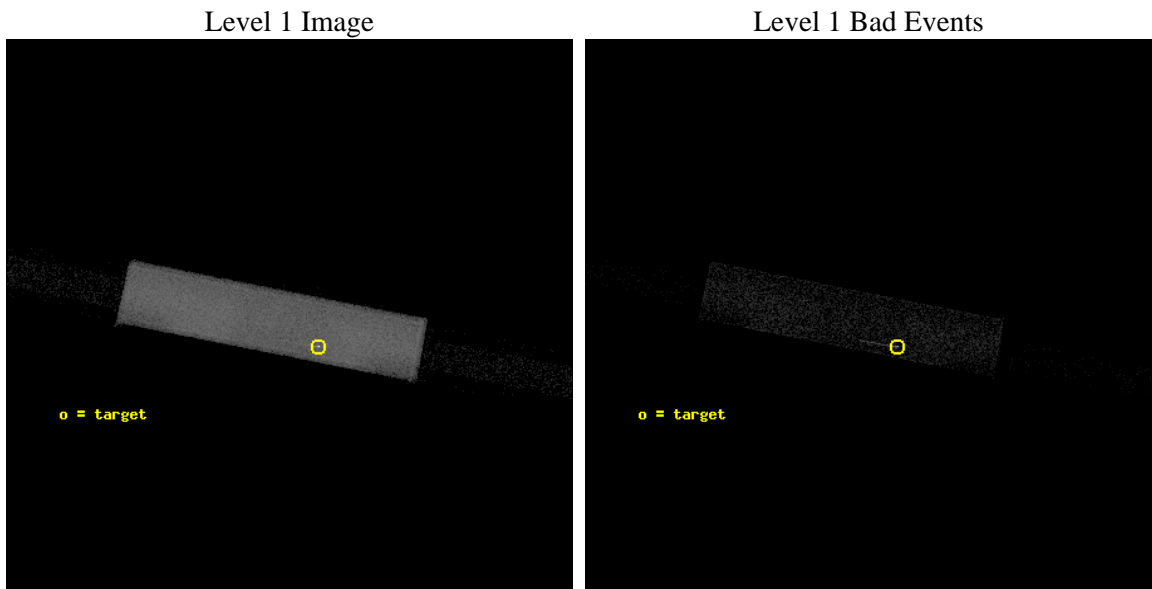
seq_num	290504	Sequence number
obs_id	6012	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.24859616227	Nominal RA [deg]
dec_nom	45.785867713802	Nominal Dec [deg]
roll_nom	191.00846843111	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.4813031554	[s]
livetime	1139.9233682417	Ontime multiplied by DTCOR
l2events	134158	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	191746	Number of level 1 events
date	2012-12-28T18:49:19	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

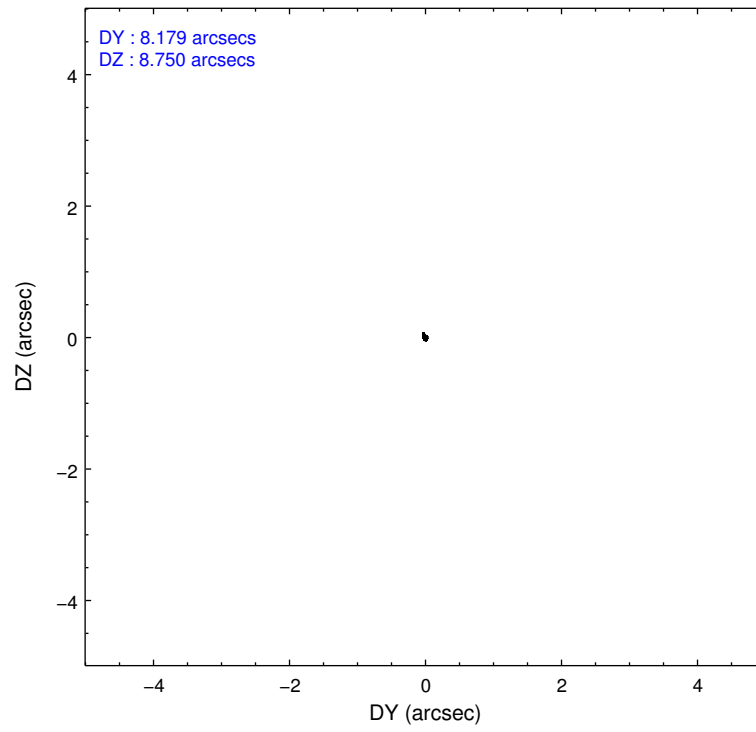
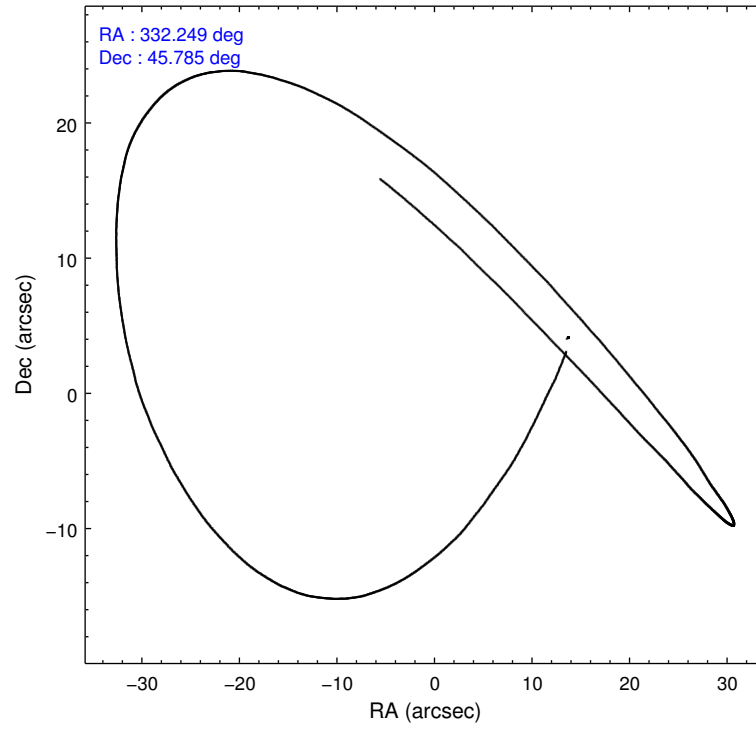
Level 1 Events

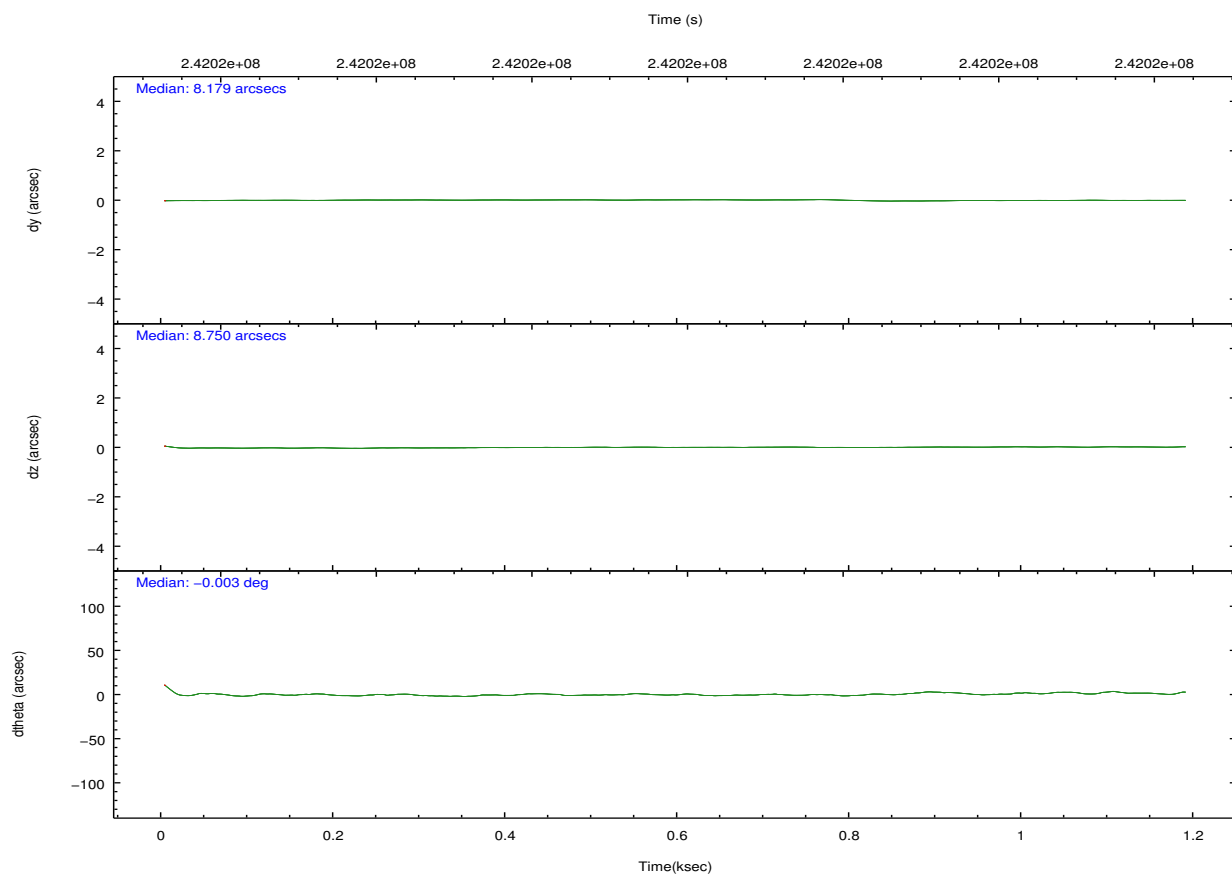
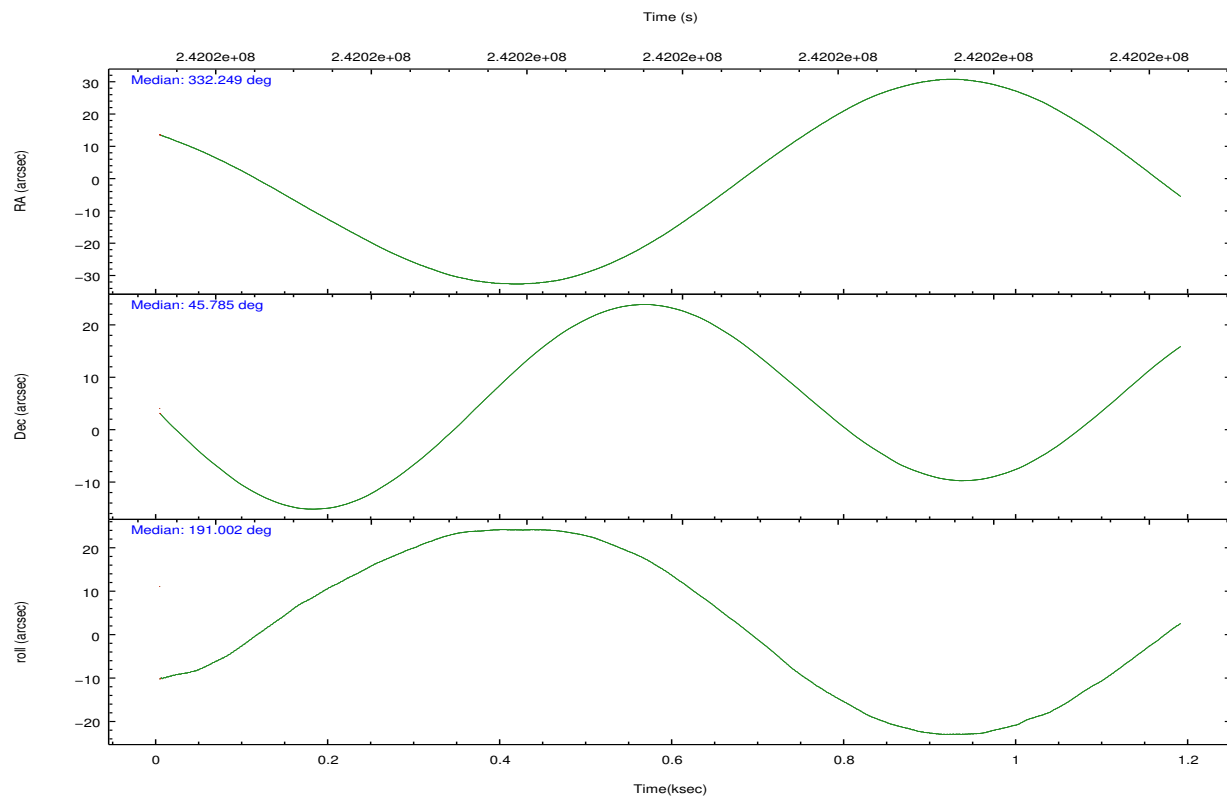
	segment 1	segment 2	segment 3
level 1 events	1644	188641	1461
rejected events	1644	41125	1461
rejected %	100%	21%	100%

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	332.277697	332.2485961622744			
[deg] Pointing Dec	45.806767	45.7858677138022			
[deg] Pointing Roll	190.920221	191.0084684311055			
[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)	242016384.184000	242016008.75927			
Observation start date	2005-09-02T02:45:20	2005-09-02T02:40:08			
[s] Observation end time (MET)	242017384.184000	242017518.58434			
Observation end date	2005-09-02T03:02:00	2005-09-02T03:05:18			

2.3 Aspect



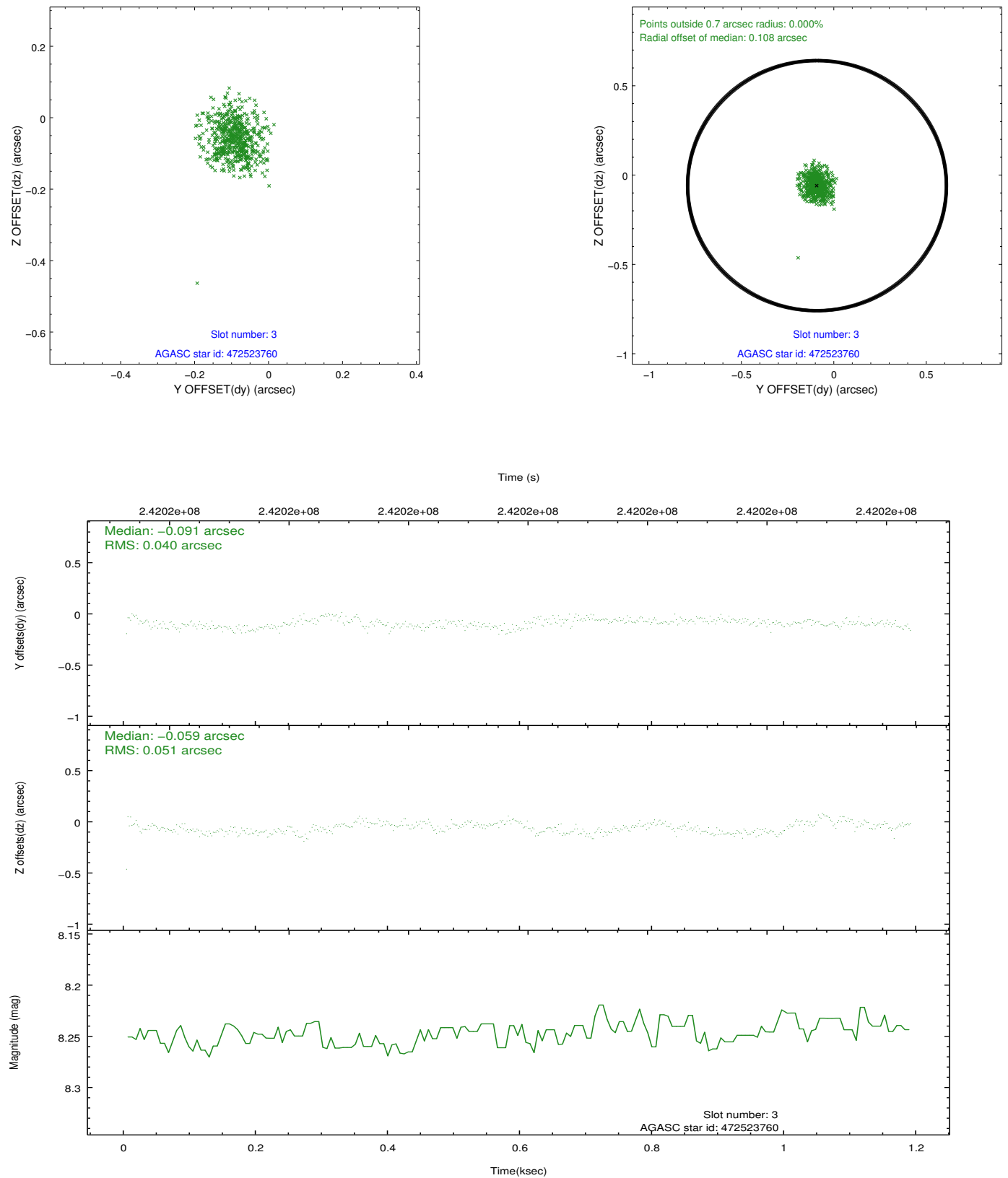


Slot Statistics

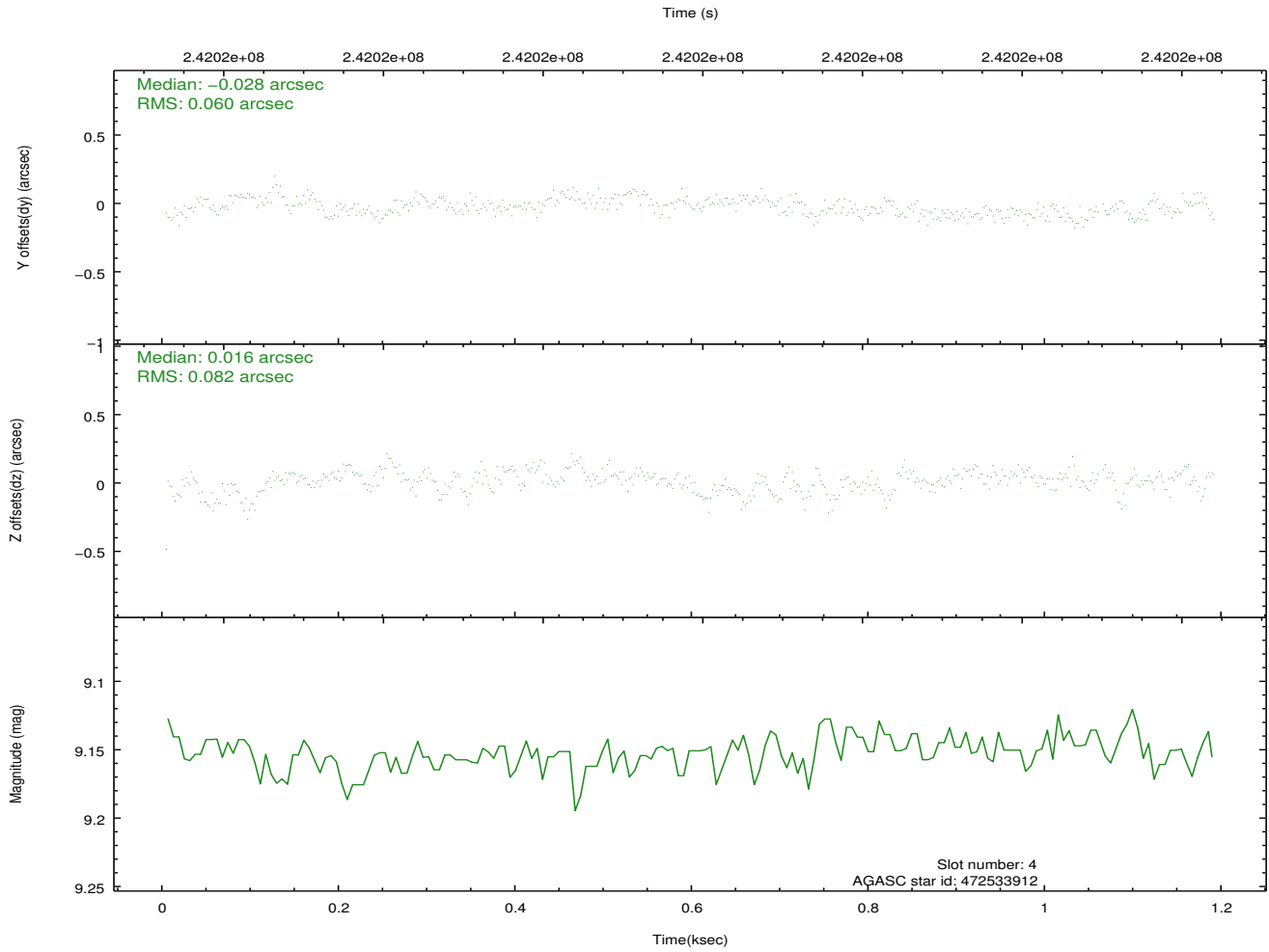
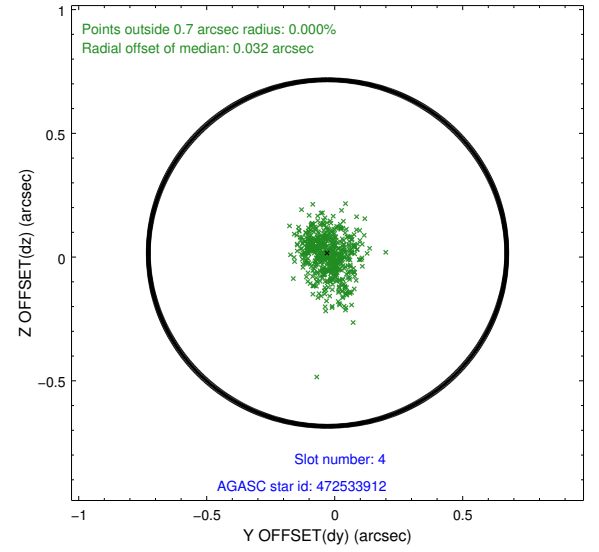
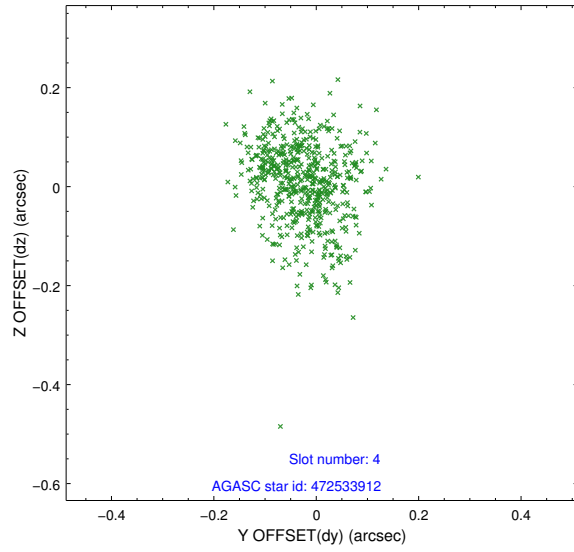
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	290	0.113	-0.169	0.007	0.012	0.000000	0.000000	-1162.38	-457.40
1	FID	HRC-S-3	7.04	290	0.052	-0.035	0.008	0.016	0.000000	0.000000	-1169.17	570.68
2	FID	HRC-S-4	7.02	290	0.222	-0.093	0.005	0.010	0.000000	0.000000	1231.96	576.72
3	GUIDE	472523760	8.25	579	-0.091	-0.059	0.068	0.108	331.645363	45.403260	1844.07	1113.70
4	GUIDE	472533912	9.15	578	-0.028	0.016	0.106	0.181	331.791136	46.368695	807.09	-2220.72
5	GUIDE	472535576	7.87	577	-0.149	0.089	0.070	0.119	331.438373	46.291802	1719.48	-2128.28
6	GUIDE	472665256	9.01	580	0.157	-0.037	0.087	0.199	332.808125	46.195041	-1559.40	-1134.11
7	GUIDE	472655152	9.44	579	0.123	0.004	0.097	0.164	332.504239	45.862991	-597.85	-97.75

2.4 Star Slots

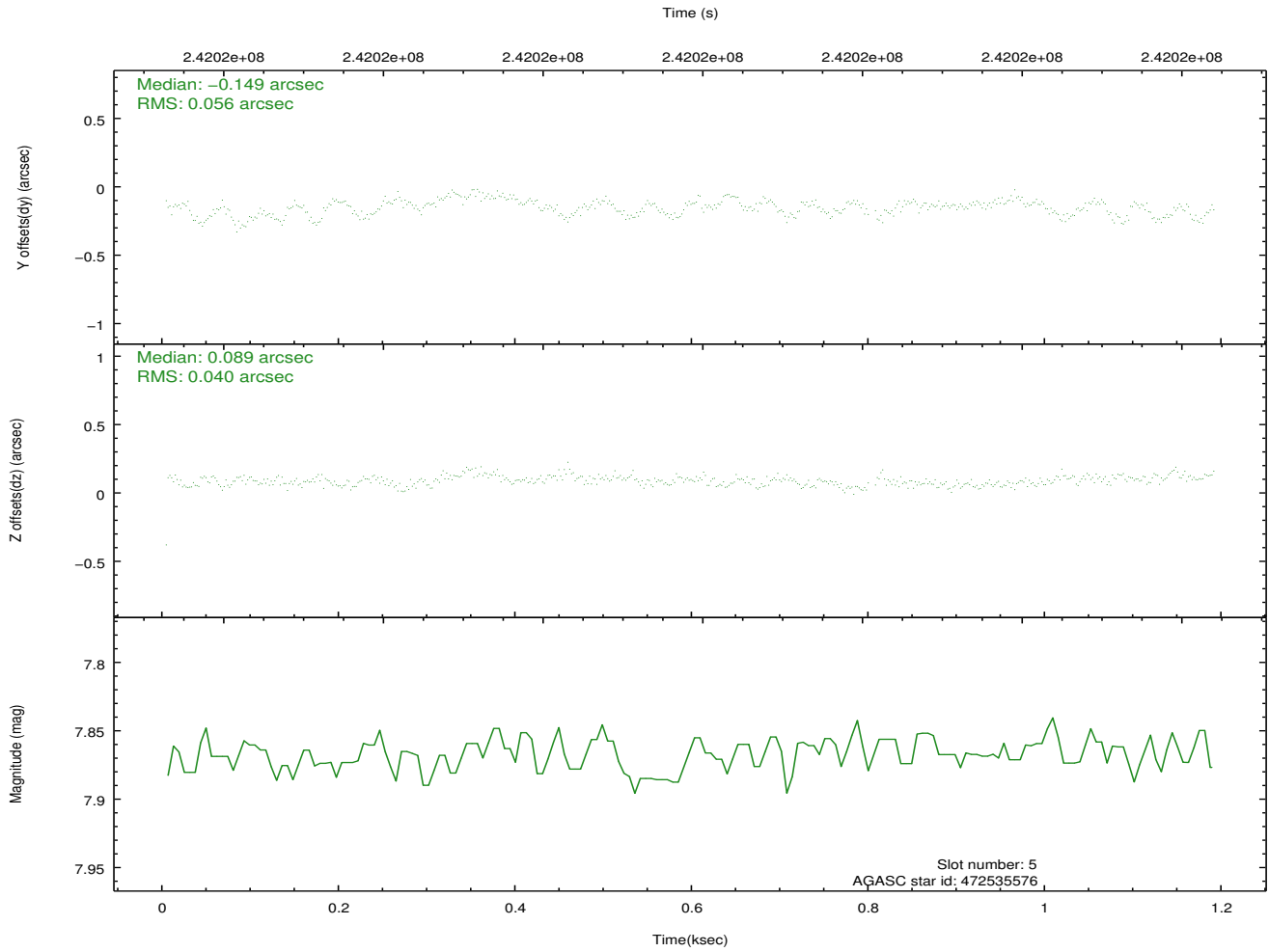
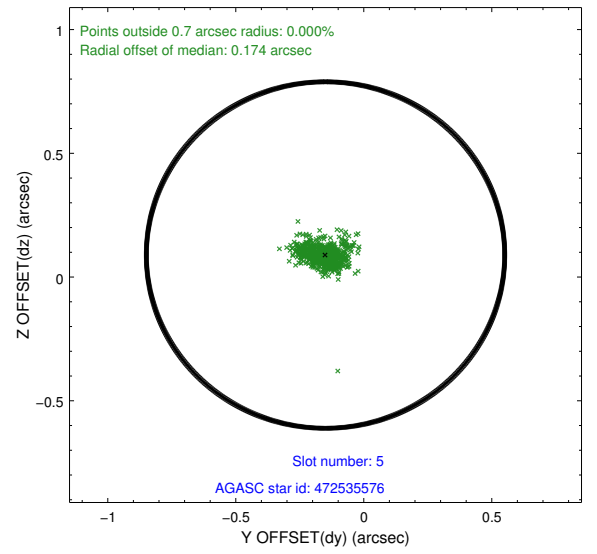
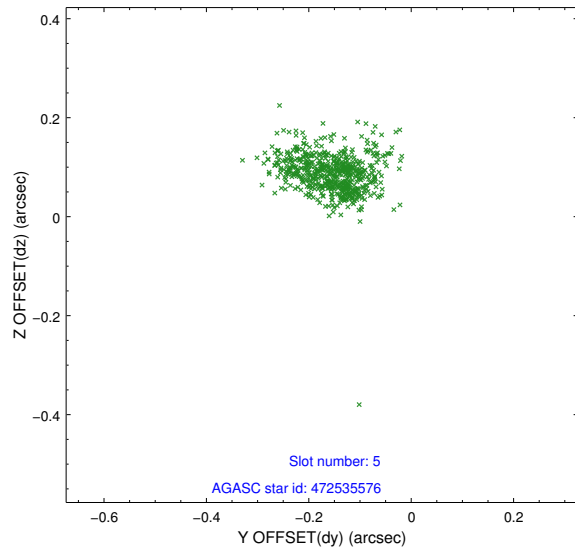
2.4.1 Slot 3



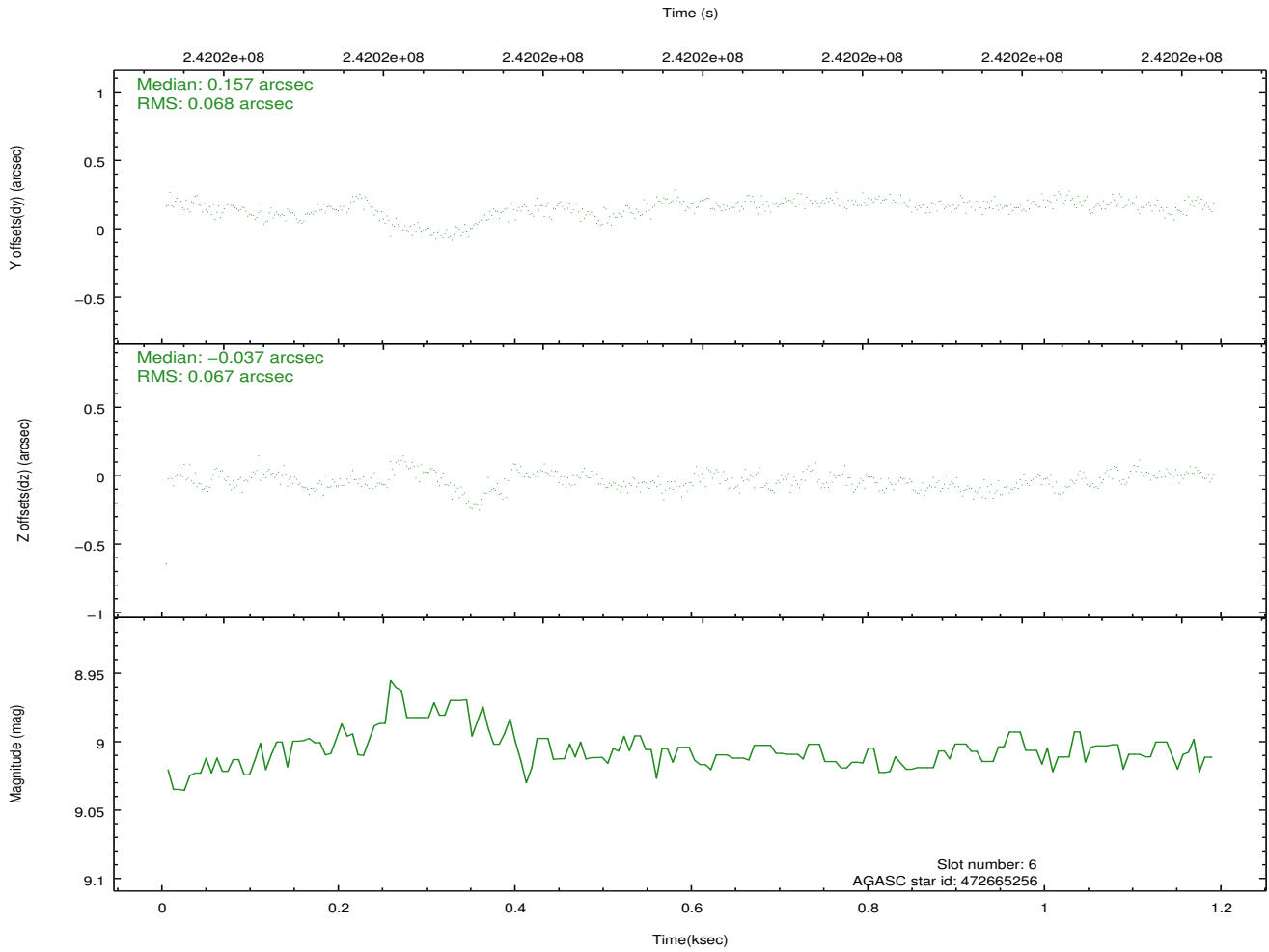
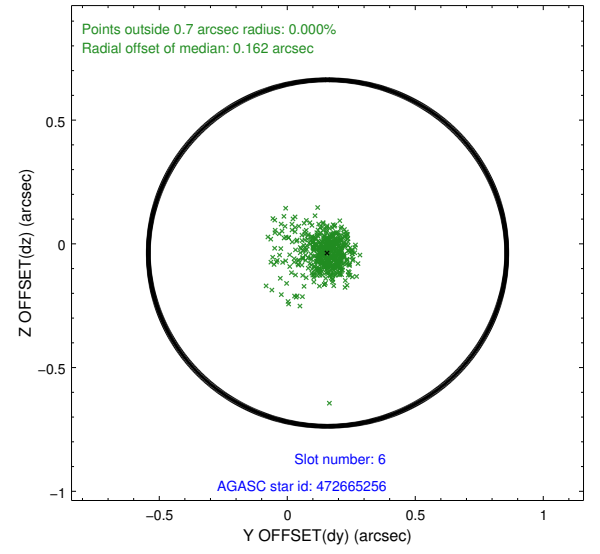
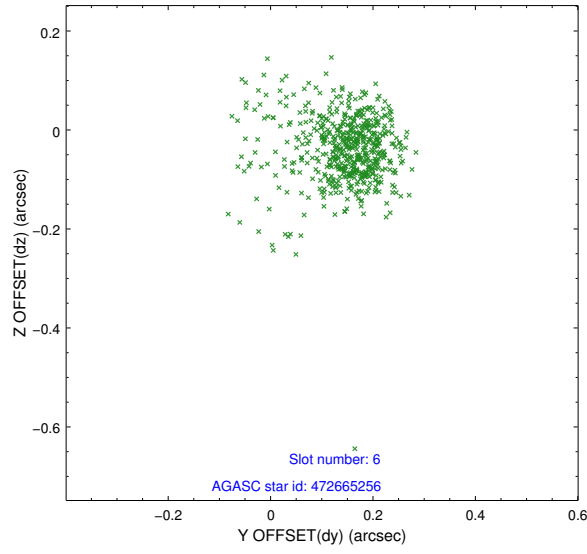
2.4.2 Slot 4



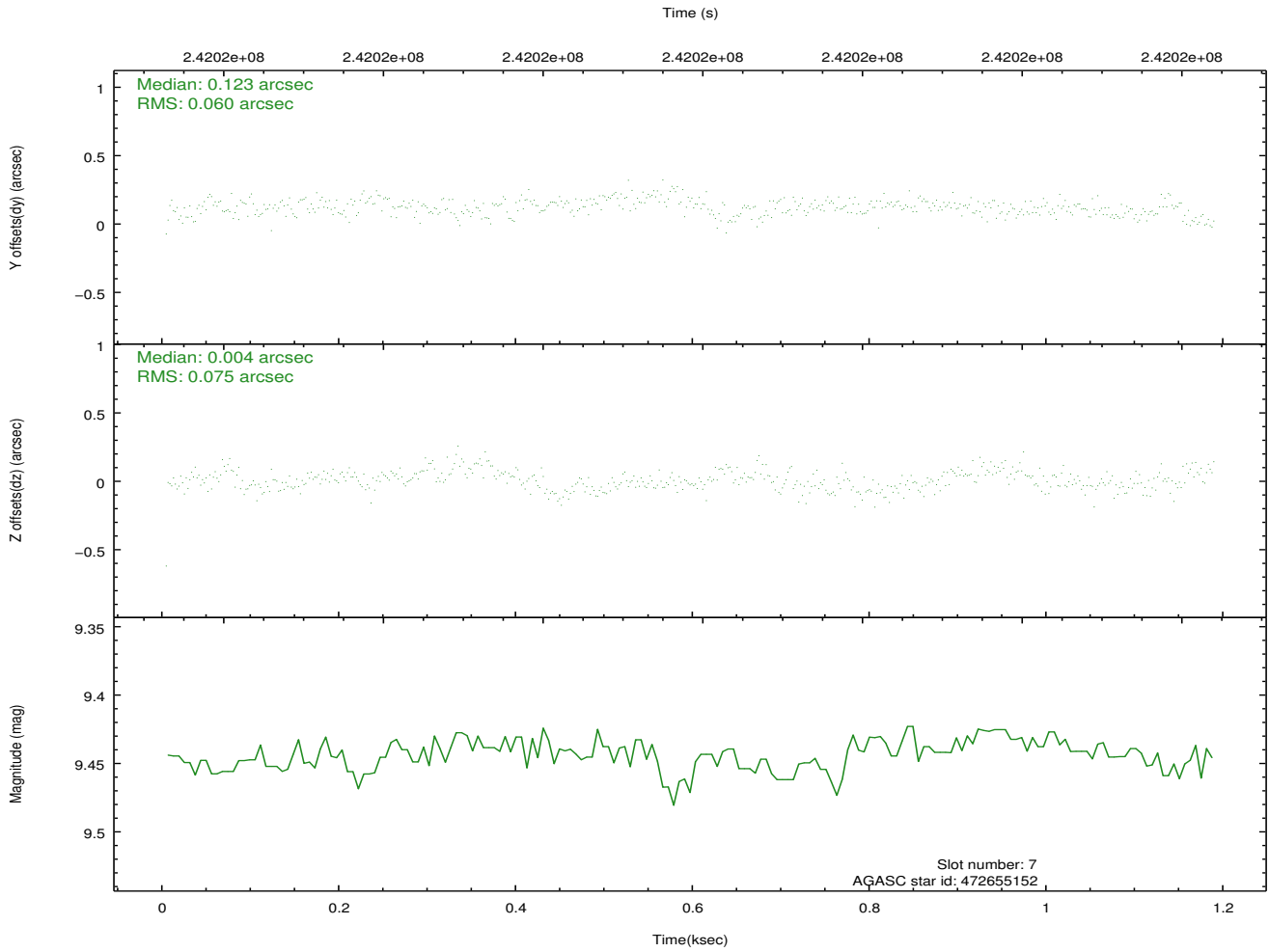
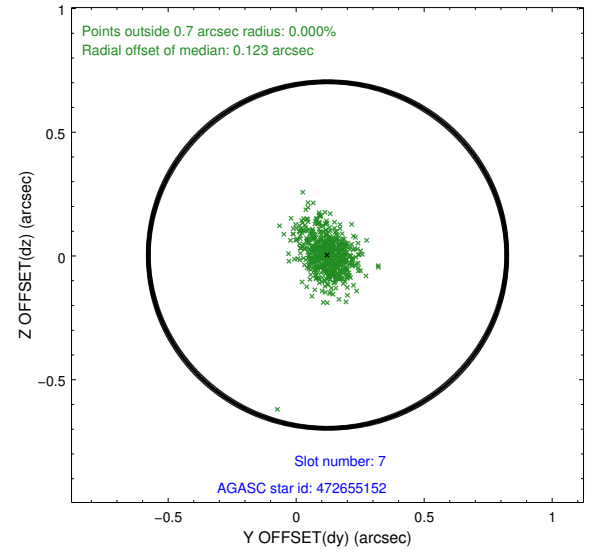
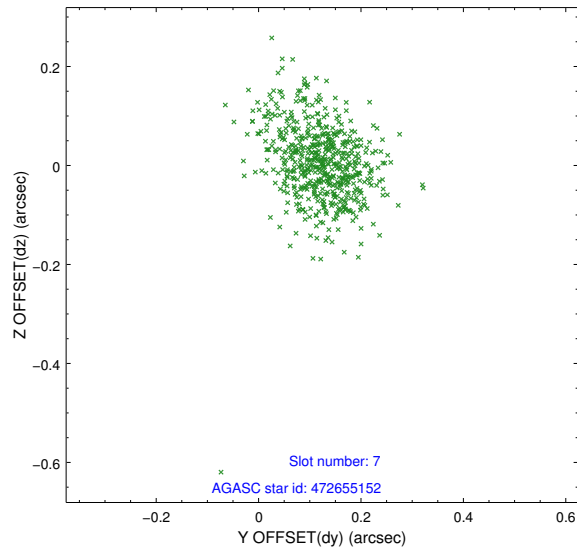
2.4.3 Slot 5



2.4.4 Slot 6

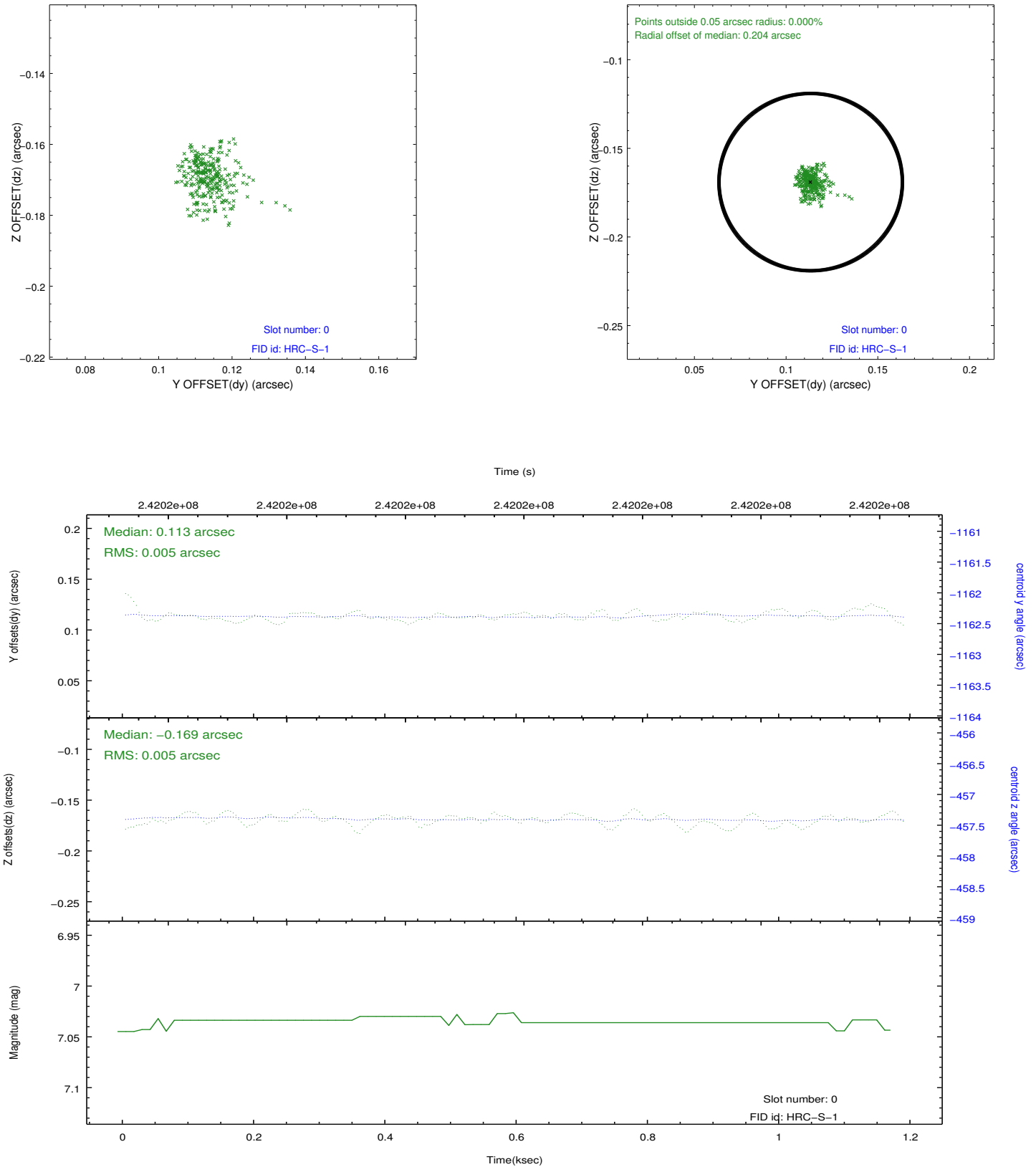


2.4.5 Slot 7

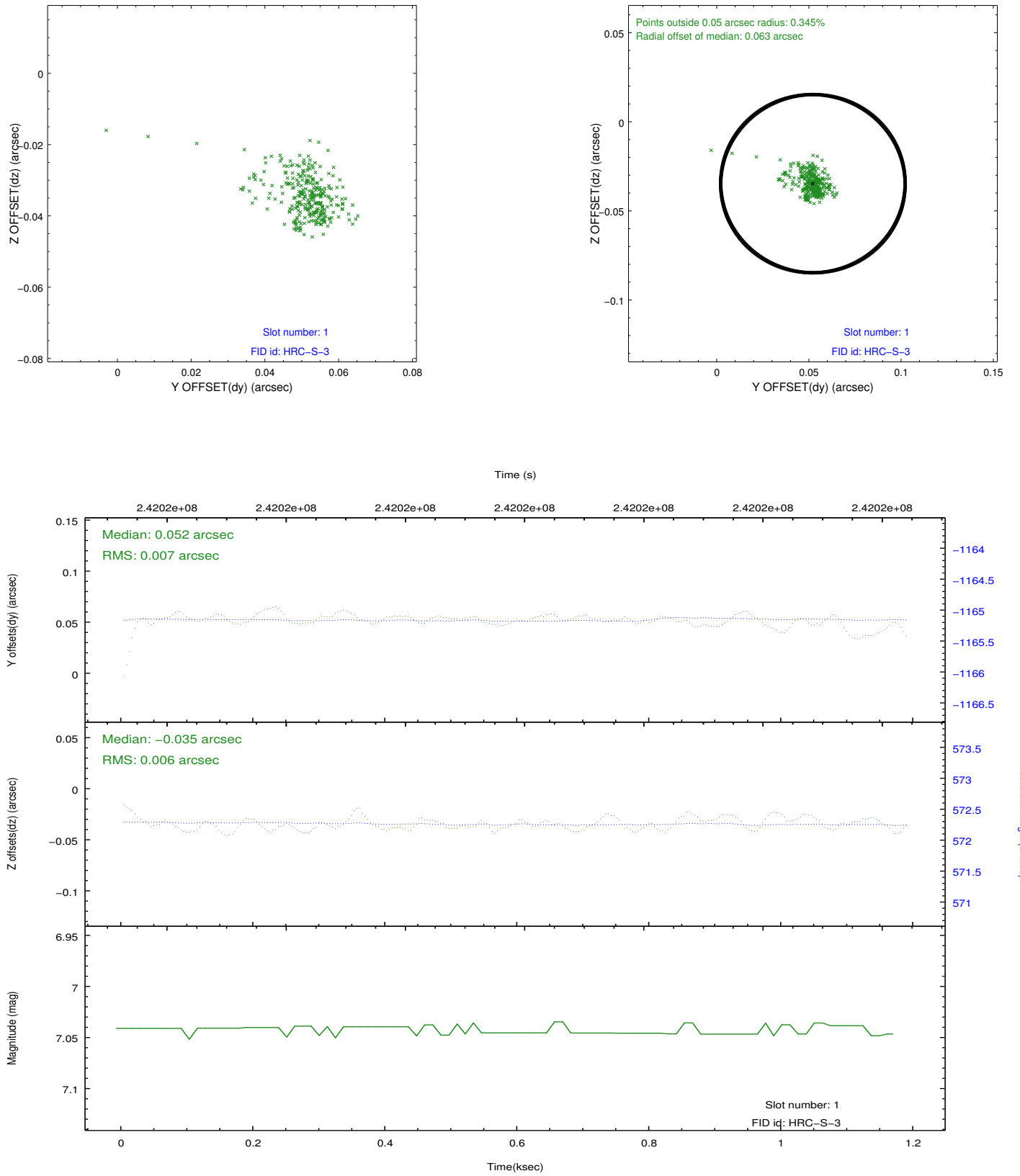


2.5 FID Slots

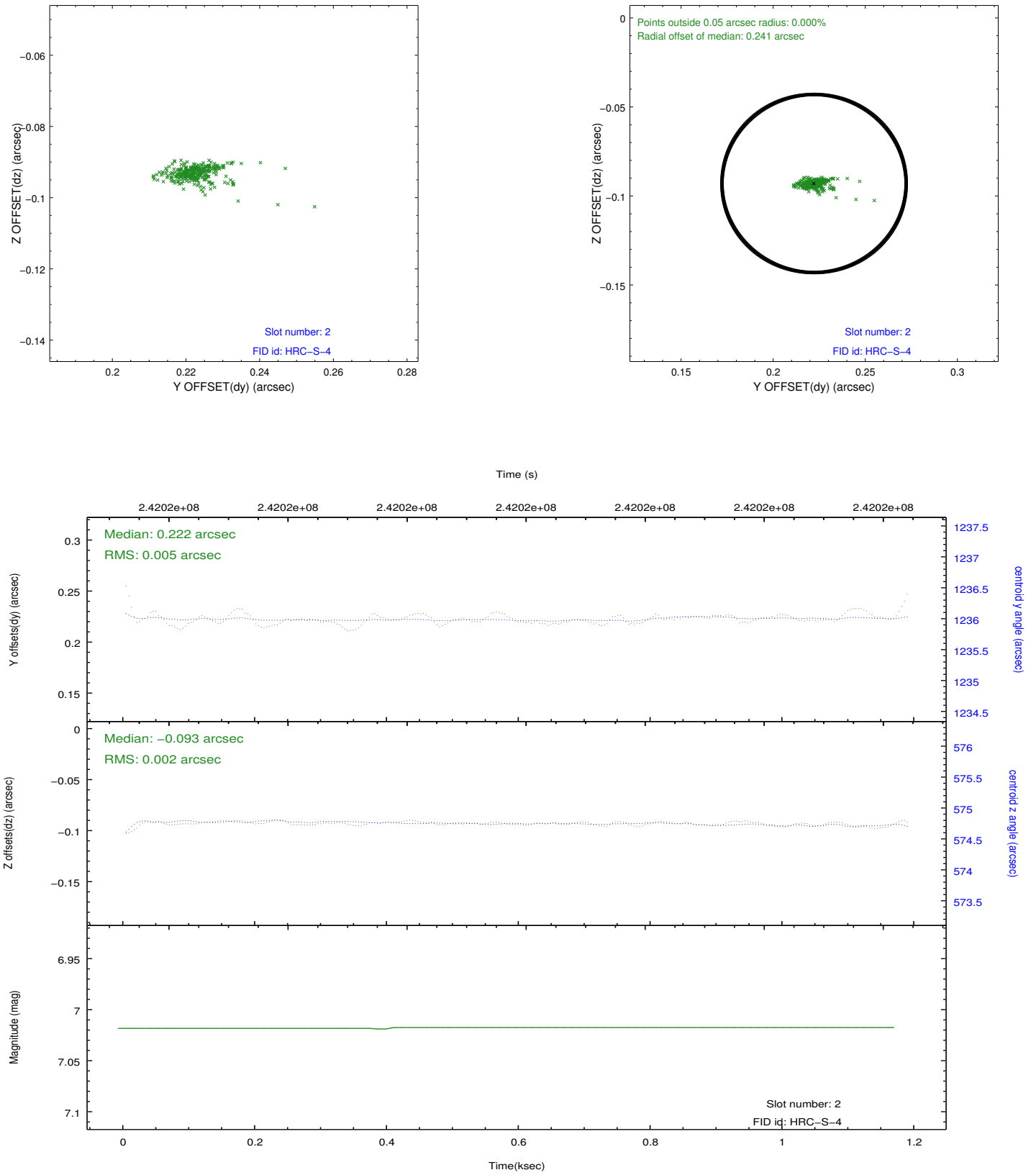
2.5.1 Slot 0



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)	2013.03.19
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.157481

A.2 Comments