

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6011 - L2 Version 3
Chandra X-Ray Center

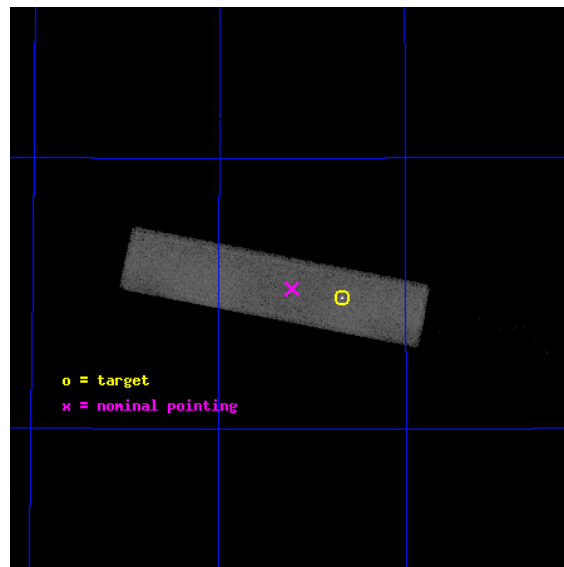
L2 Processing Date : Mar 18 2013

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1 Front

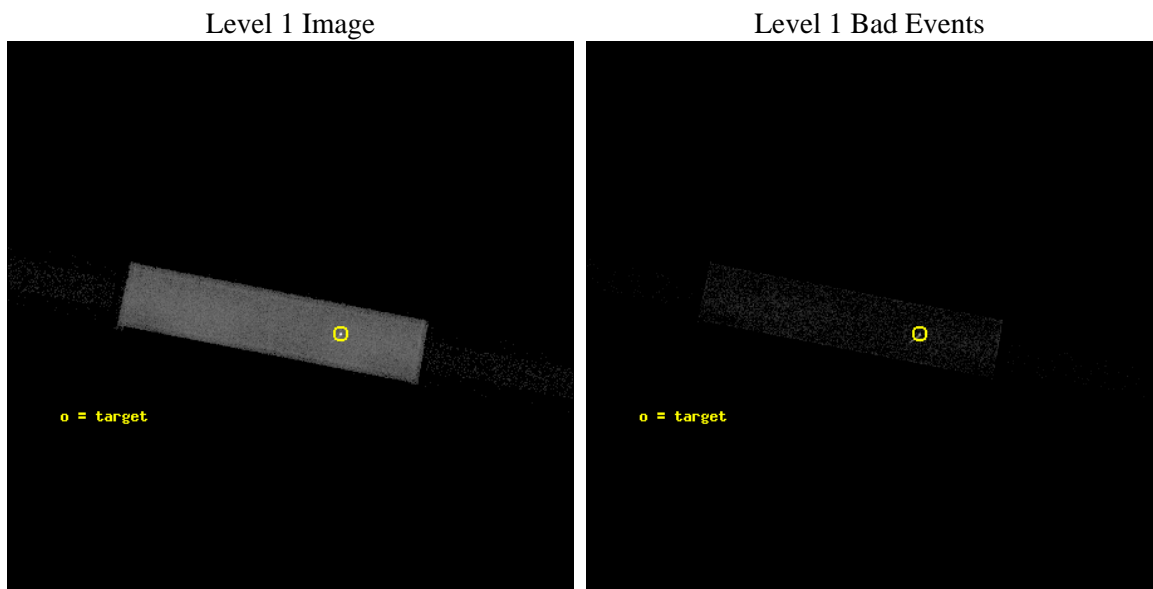
seq_num	290503	Sequence number
obs_id	6011	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.30462787781	Nominal RA [deg]
dec_nom	45.759515232428	Nominal Dec [deg]
roll_nom	190.92499911202	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813030124	[s]
livetime	1139.392995073	Ontime multiplied by DTCOR
l2events	106943	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	1153.3813030124	[s]
caldsver	4.5.5	 	l1events	158033	Number of level 1 events
date	2012-12-28T18:49:11	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

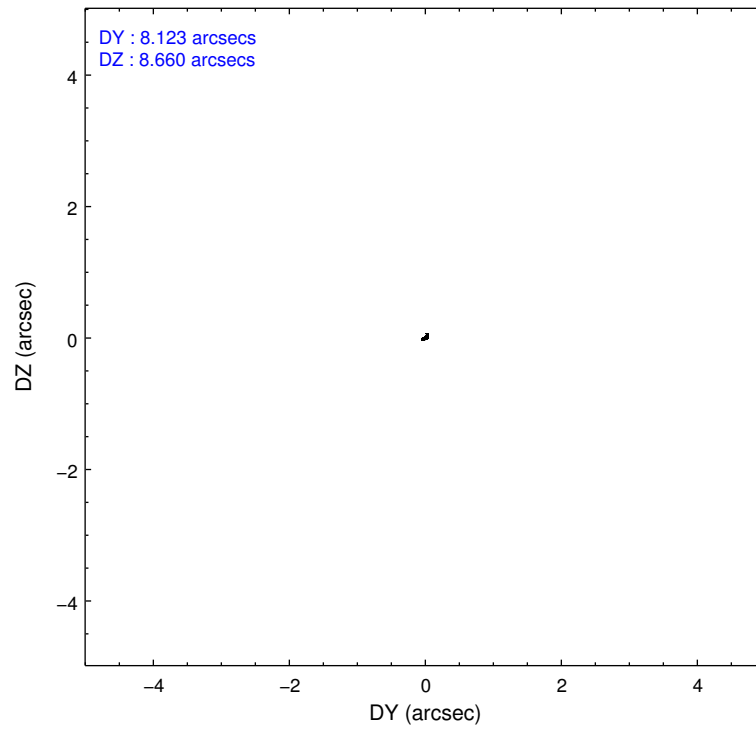
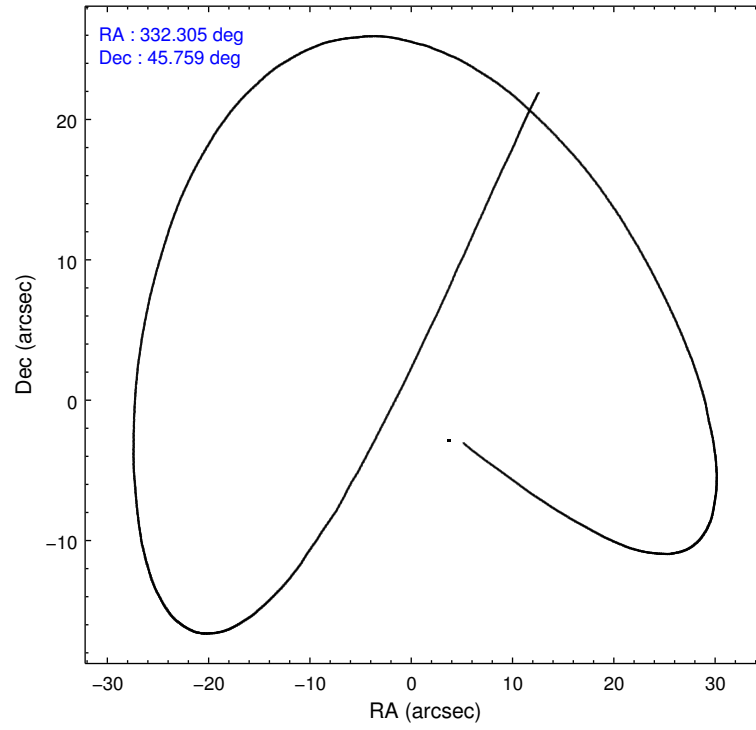
	segment 1	segment 2	segment 3
level 1 events	1480	155244	1309
rejected events	1480	35289	1275
rejected %	100%	22%	97%

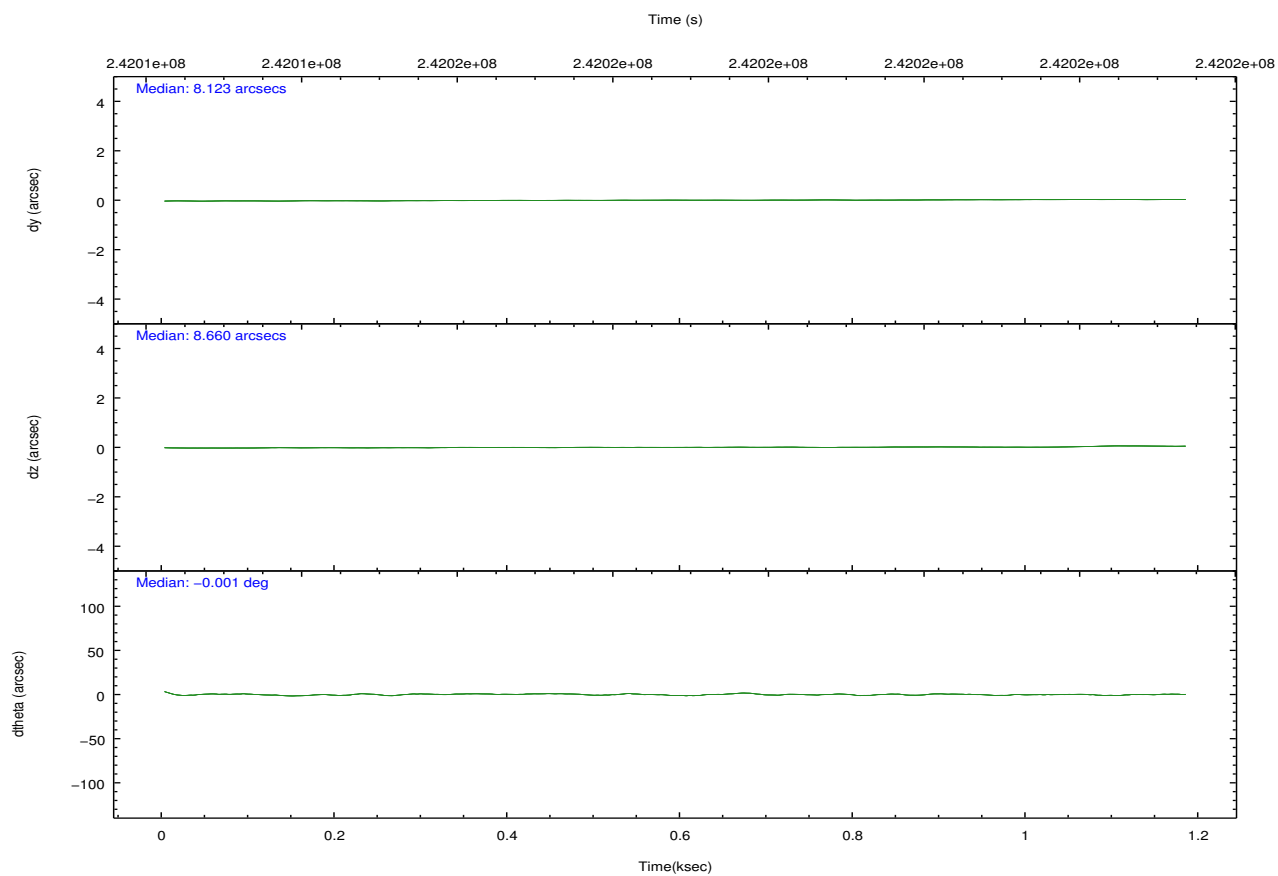
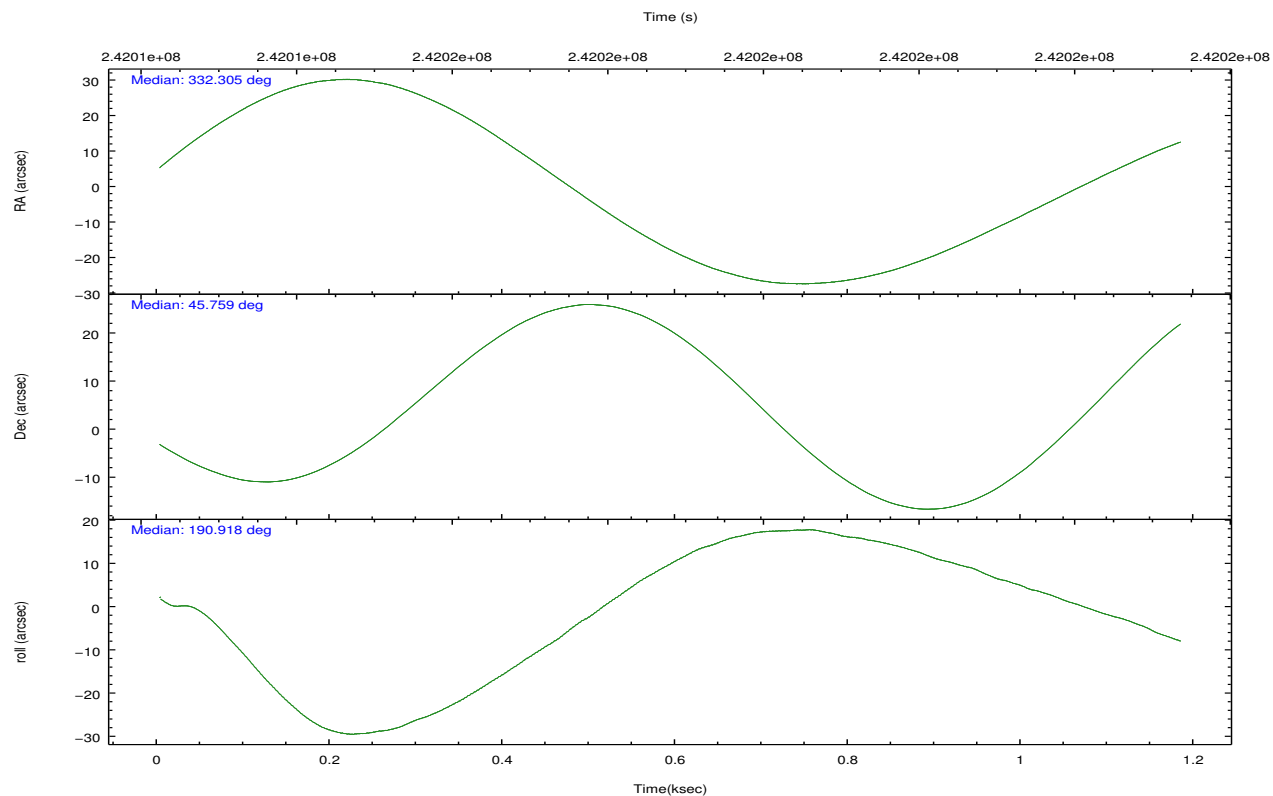
2.2 Compared Parameters

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	332.333720	332.3046278778054
[deg] Pointing Dec	45.780238	45.75951523242799
[deg] Pointing Roll	190.836808	190.9249991120231
[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)	242014874.184000	242014498.9342
Observation start date	2005-09-02T02:20:10	2005-09-02T02:14:58
[s] Observation end time (MET)	242015874.184000	242016008.75927
Observation end date	2005-09-02T02:36:50	2005-09-02T02:40:08

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

2.3 Aspect



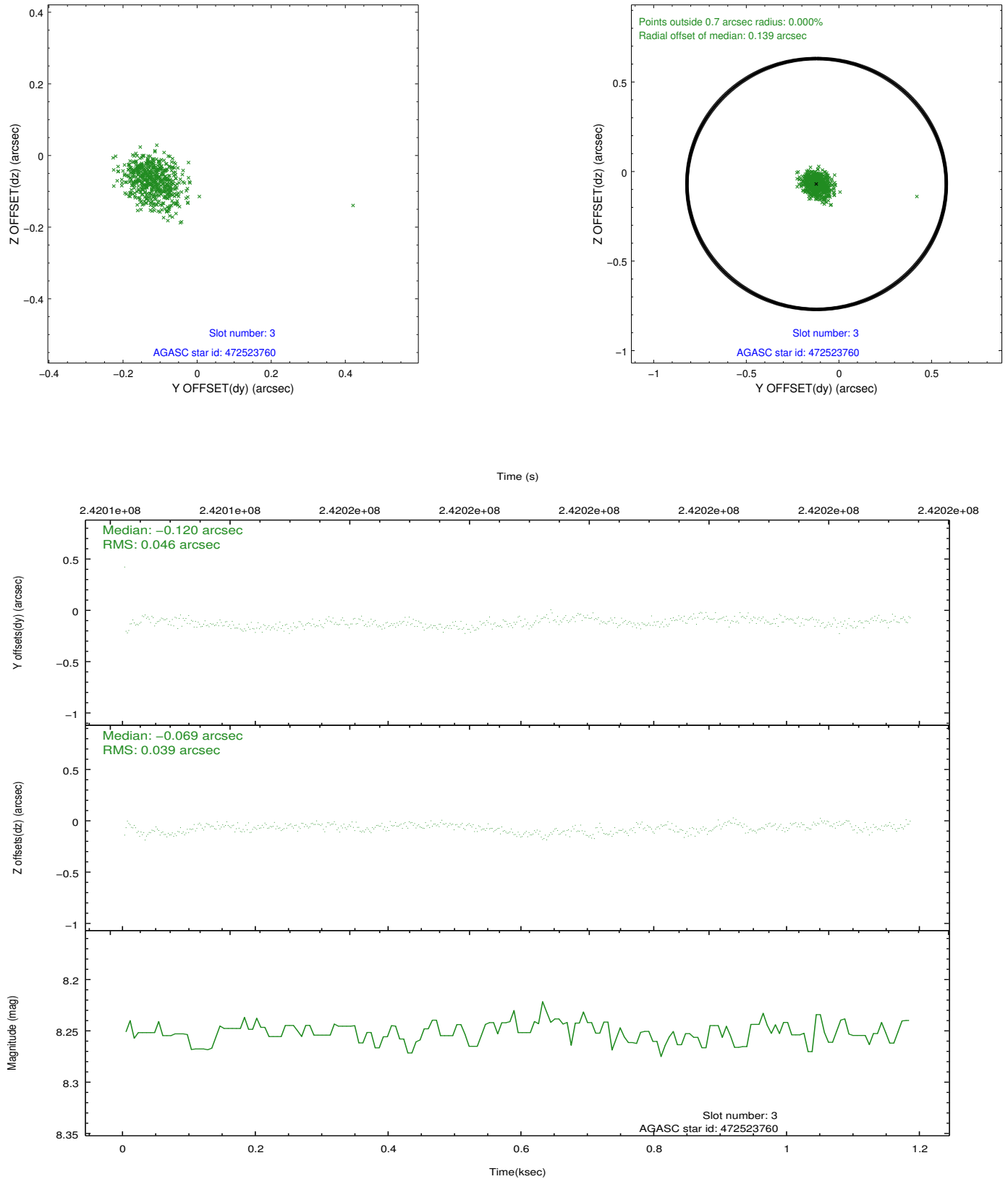


Slot Statistics

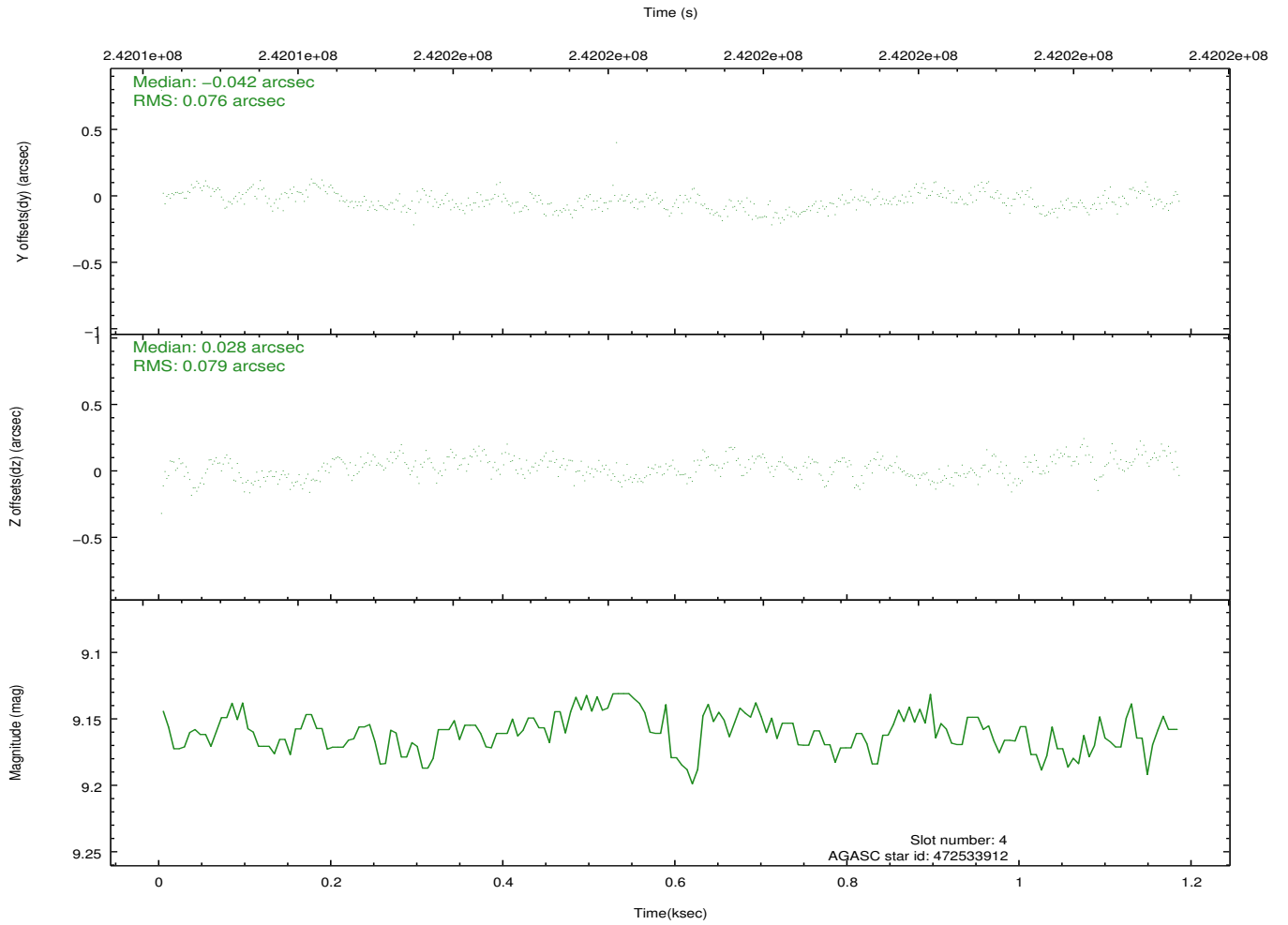
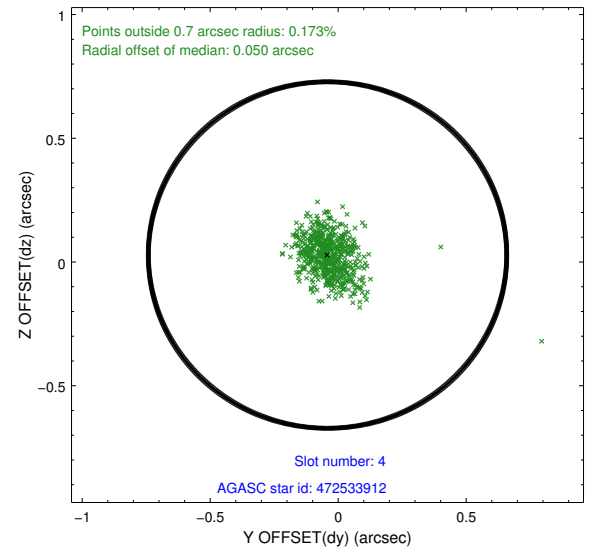
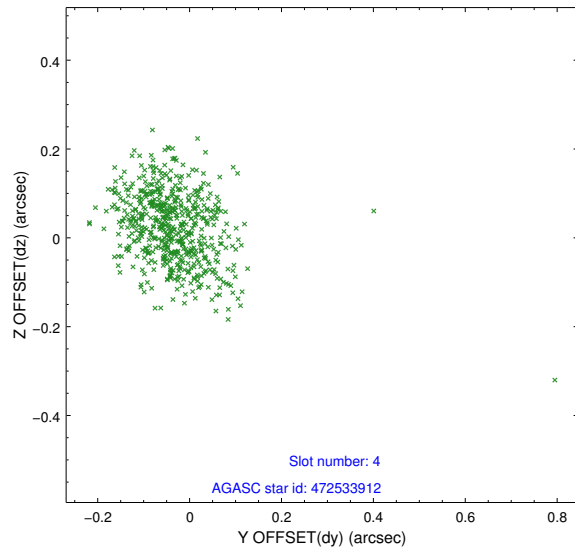
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.03	289	0.127	-0.106	0.007	0.011	0.000000	0.000000	1237.36	-449.94
1	FID	HRC-S-3	7.04	289	0.053	-0.102	0.005	0.010	0.000000	0.000000	-1160.80	570.76
2	FID	HRC-S-4	7.02	289	0.225	-0.089	0.007	0.012	0.000000	0.000000	1232.05	576.78
3	GUIDE	472523760	8.25	578	-0.120	-0.069	0.060	0.096	331.645363	45.403260	1963.47	995.33
4	GUIDE	472533912	9.16	578	-0.042	0.028	0.109	0.177	331.791136	46.368695	929.35	-2340.09
5	GUIDE	472535576	7.87	578	-0.127	0.076	0.060	0.100	331.438373	46.291802	1841.74	-2246.97
6	GUIDE	472655152	9.44	578	0.130	0.005	0.113	0.188	332.504239	45.862991	-471.61	-219.91
7	GUIDE	472665256	9.00	577	0.157	-0.013	0.075	0.135	332.808125	46.195041	-1442.04	-1251.83

2.4 Star Slots

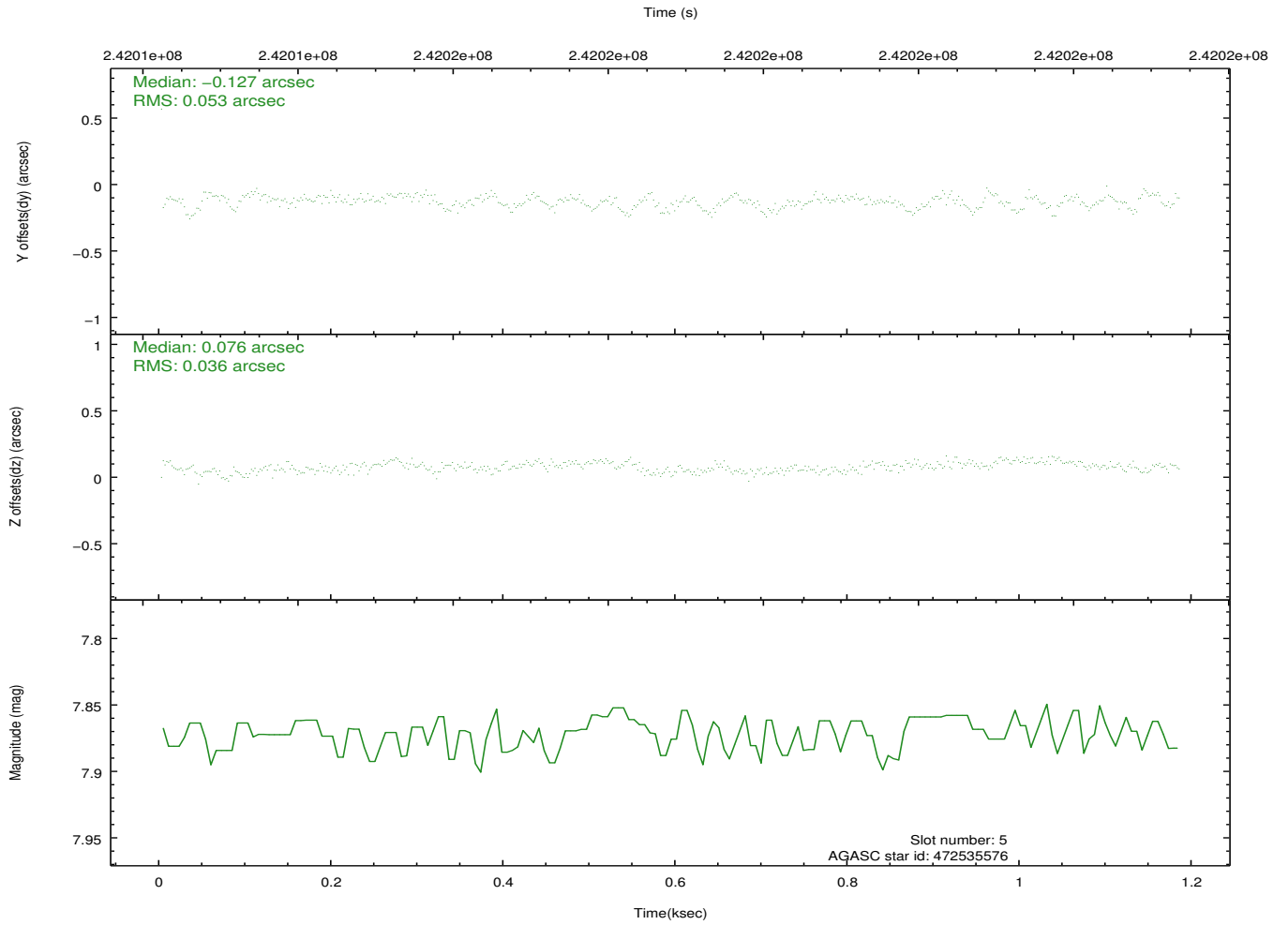
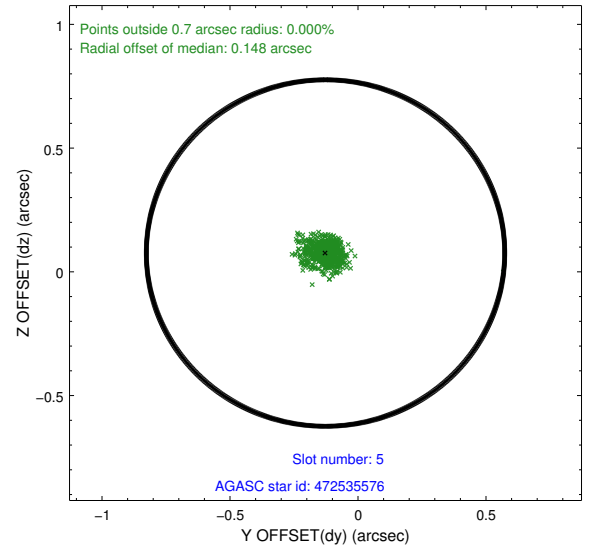
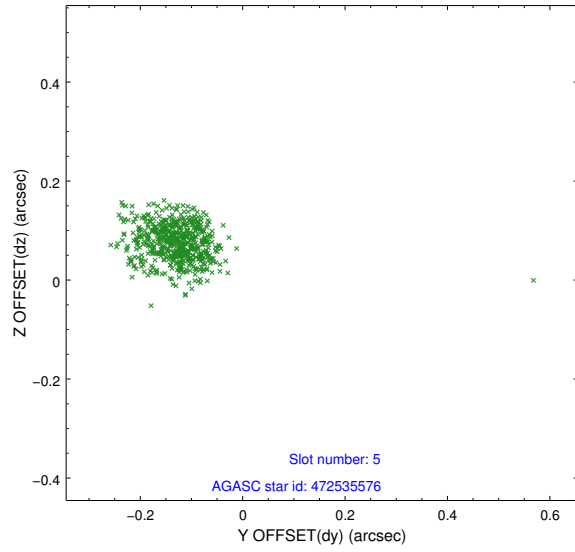
2.4.1 Slot 3



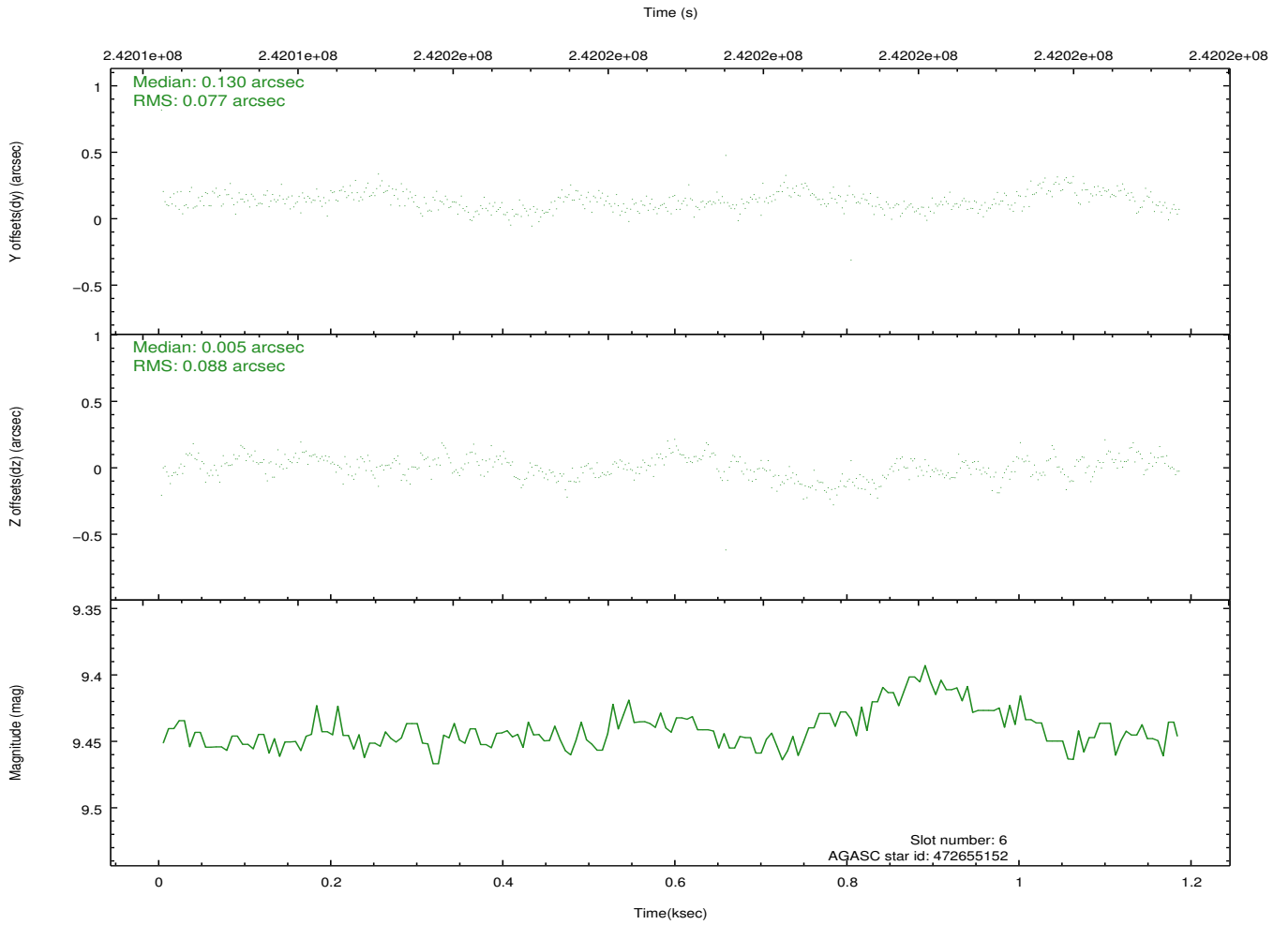
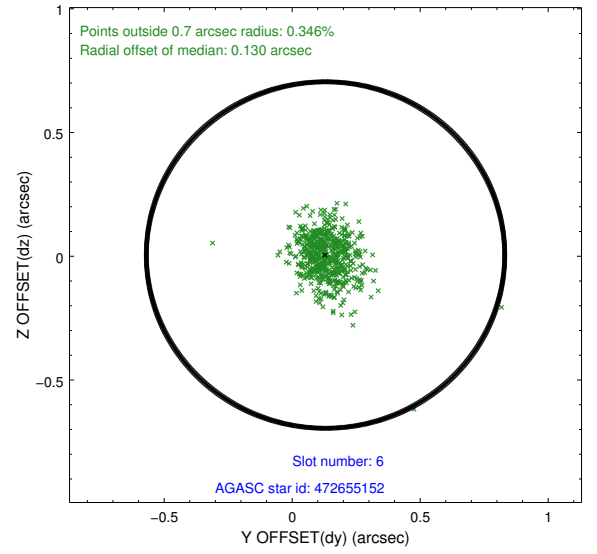
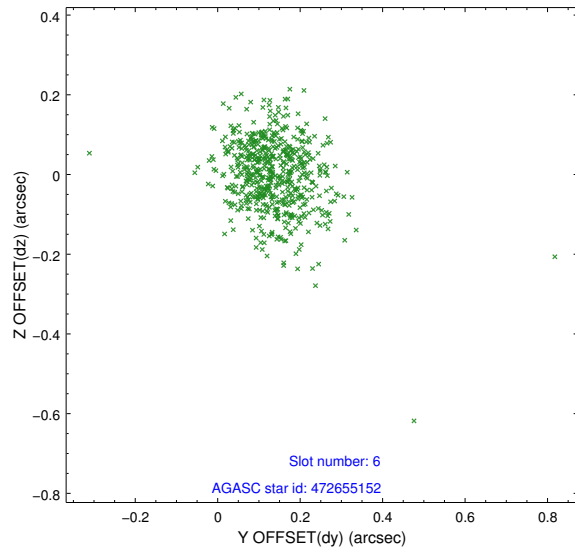
2.4.2 Slot 4



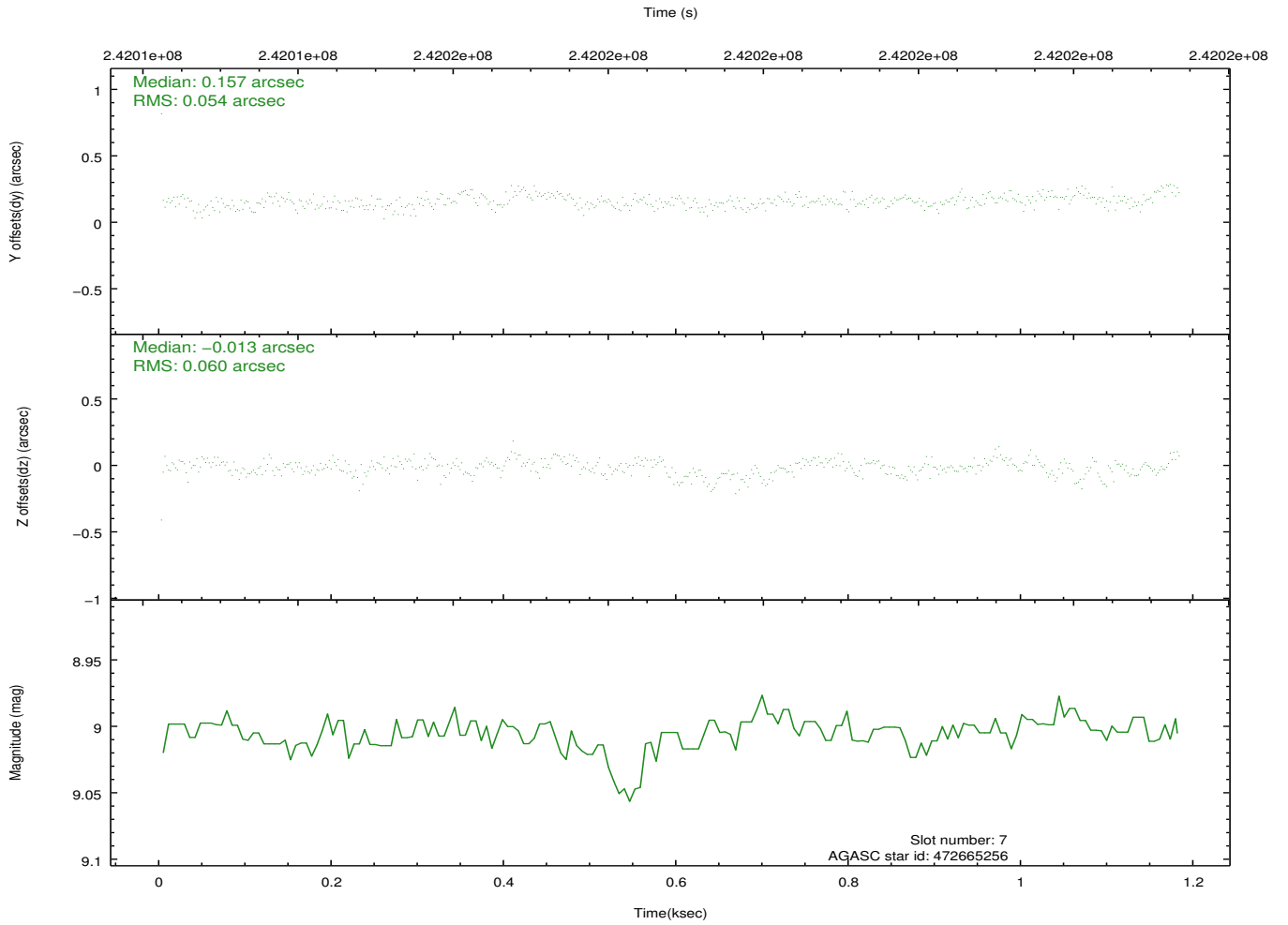
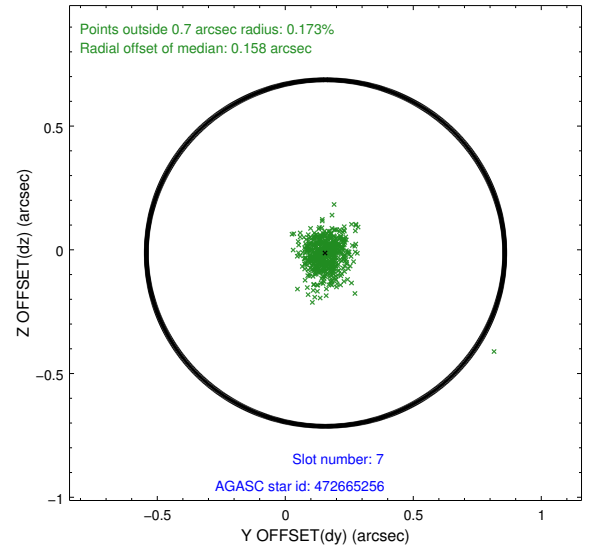
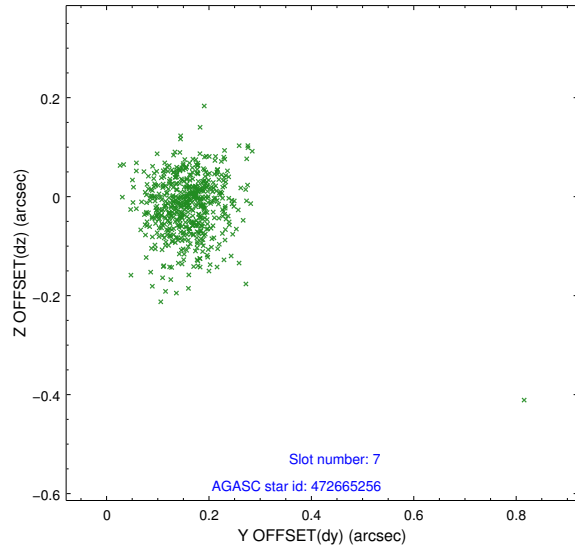
2.4.3 Slot 5



2.4.4 Slot 6

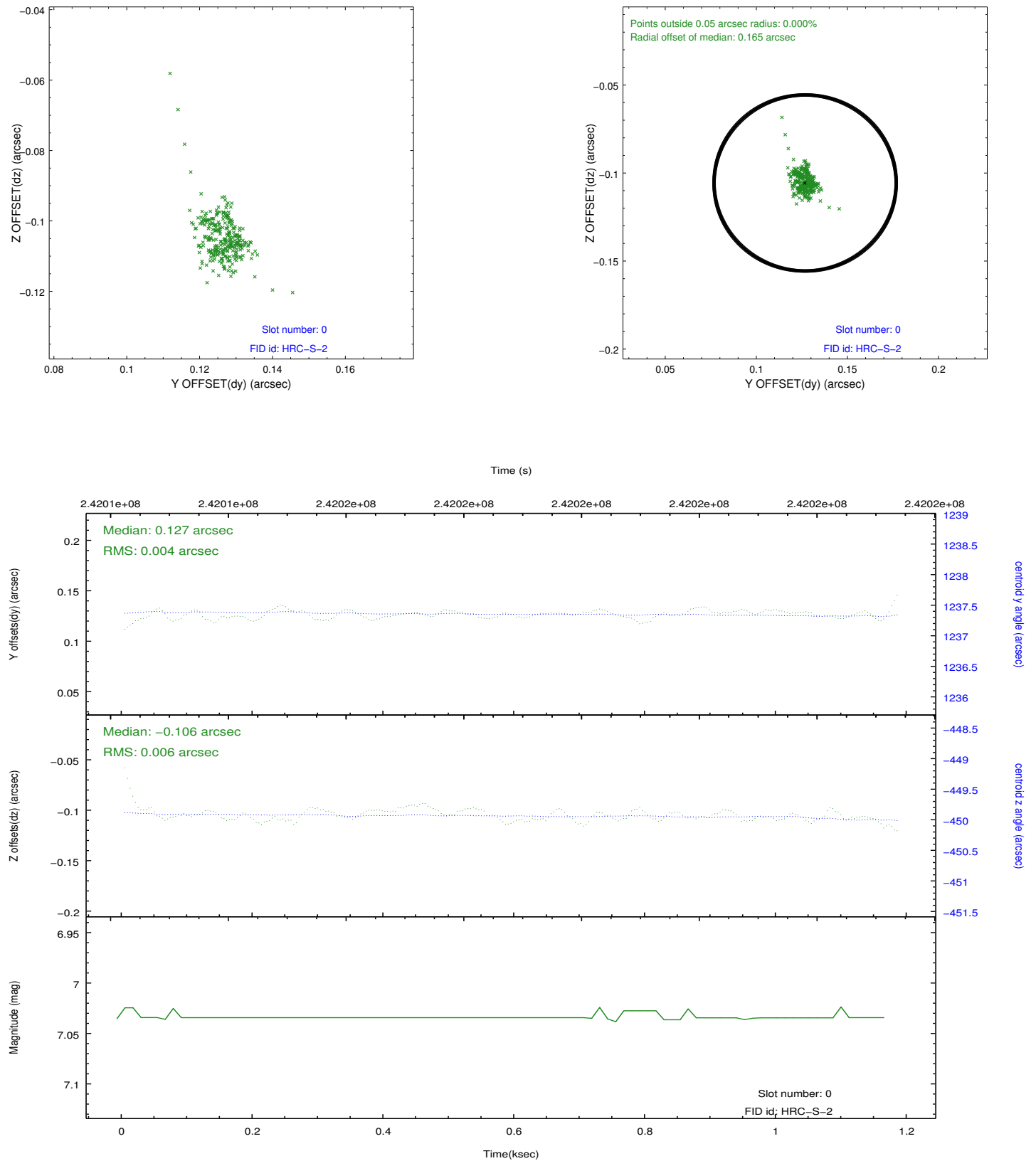


2.4.5 Slot 7

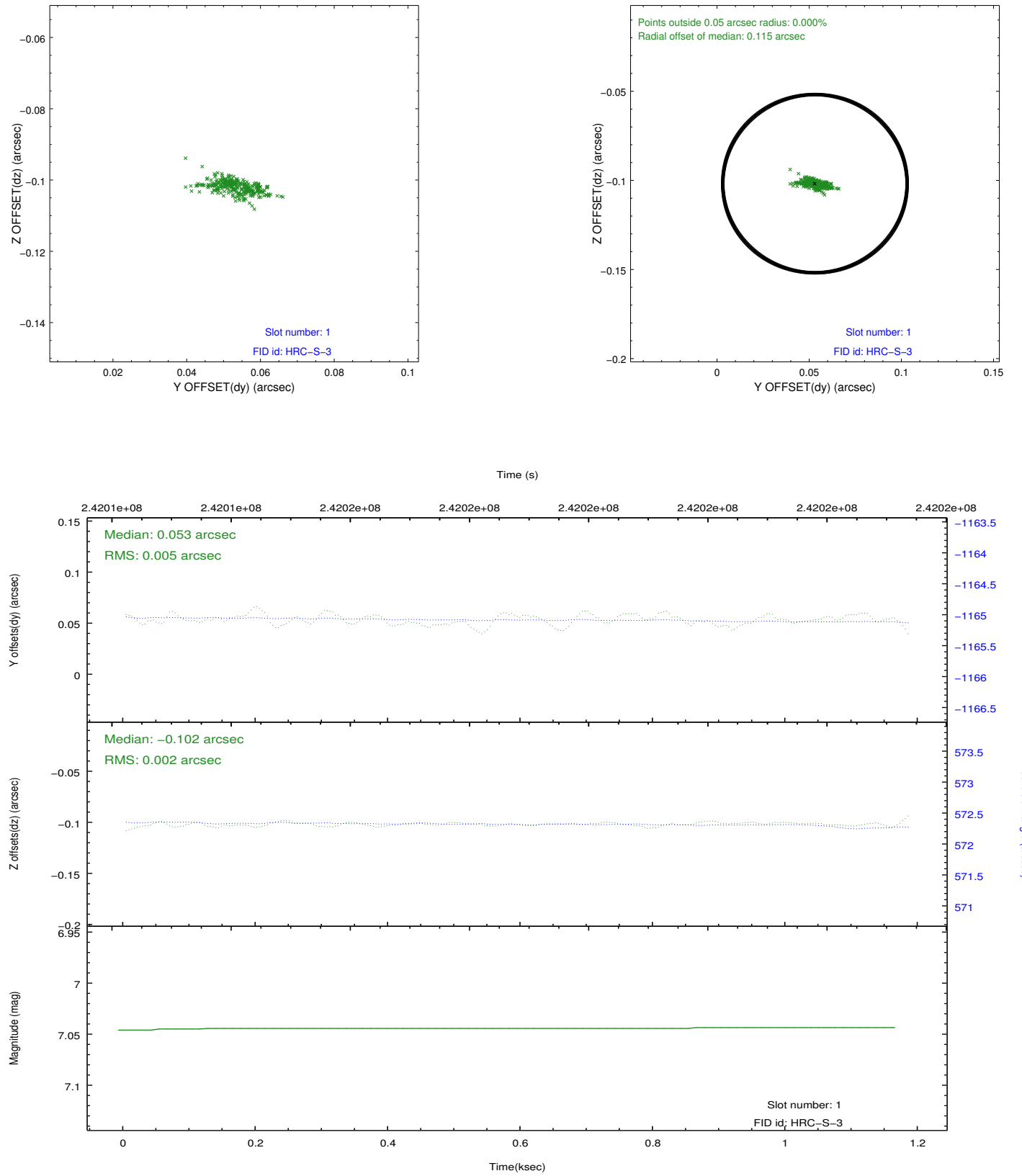


2.5 FID Slots

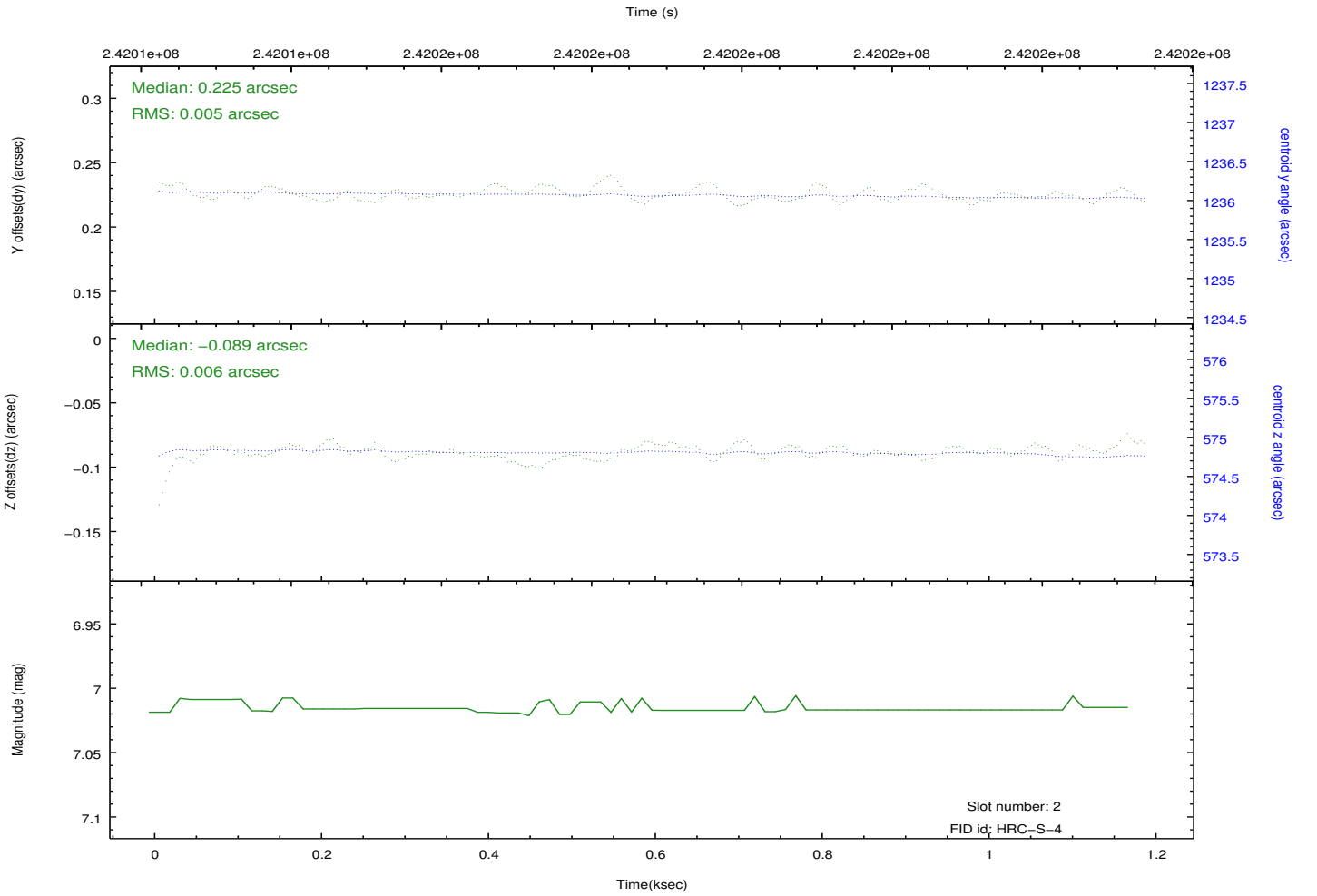
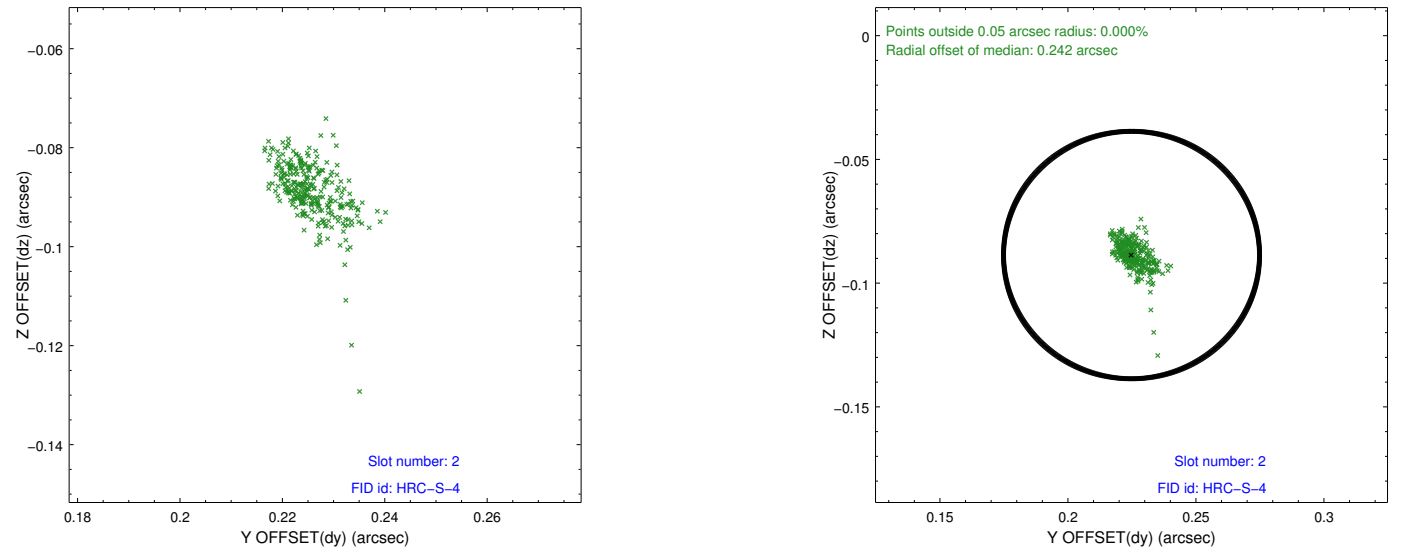
2.5.1 Slot 0



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	1.153125

A.2 Comments