

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9660 - L2 Version 3
Chandra X-Ray Center

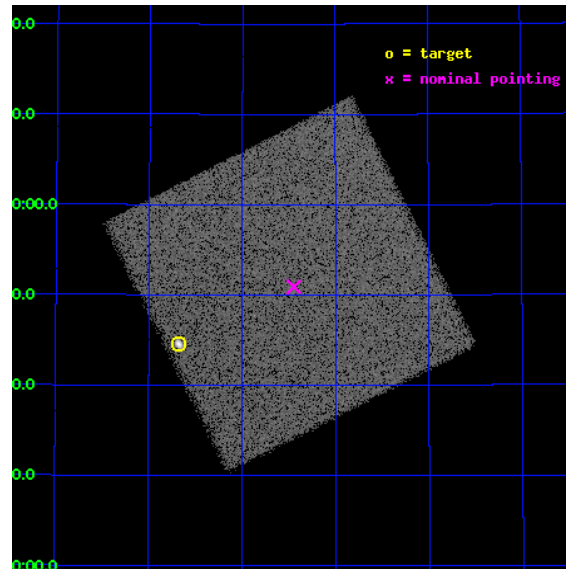
L2 Processing Date : Aug 12 2012

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1 Front

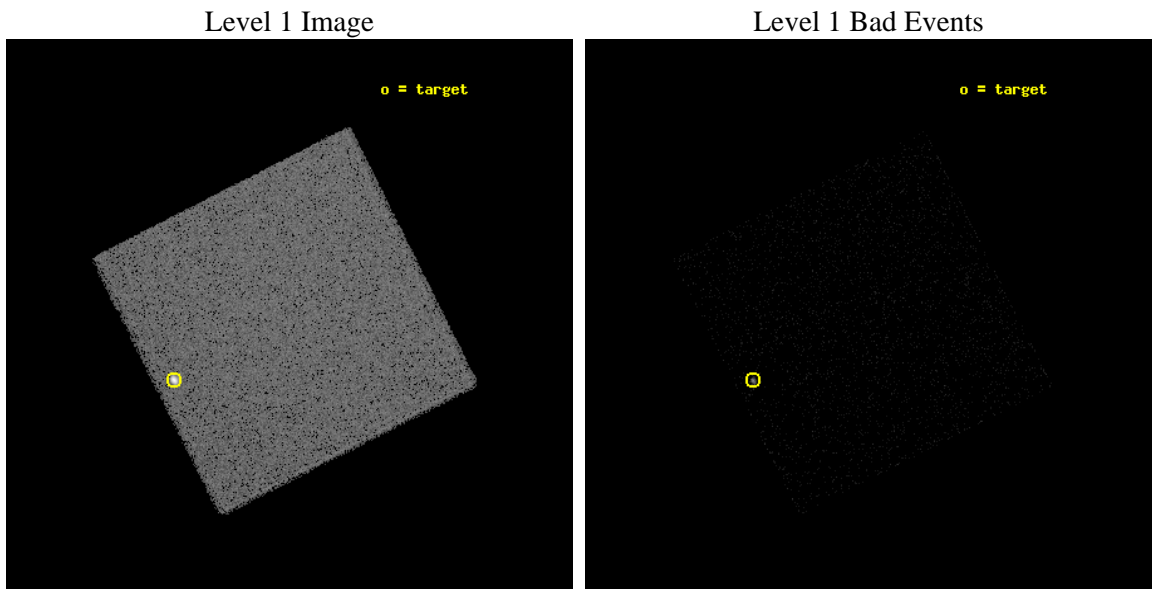
seq_num	290783	Sequence number
obs_id	9660	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.86136108838	Nominal RA [deg]
dec_nom	45.848524325107	Nominal Dec [deg]
roll_nom	198.24916030711	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1368.6313172579	[s]
livetime	1352.6721028458	Ontime multiplied by DTCOR
l2events	104036	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	1180.553000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1368.6313172579	[s]
caldbver	4.5.1.1	 	l1events	188724	Number of level 1 events
date	2012-08-12T21:00:22	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

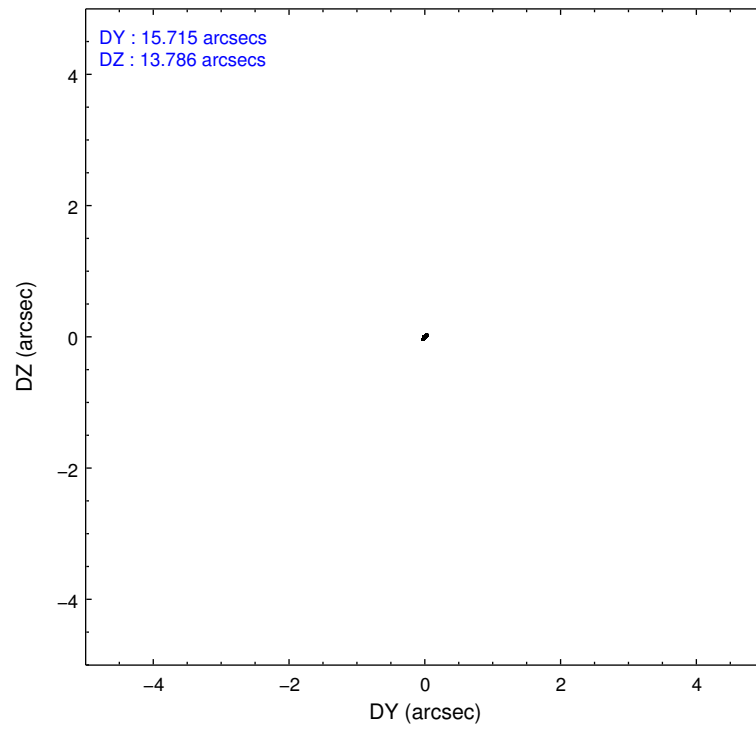
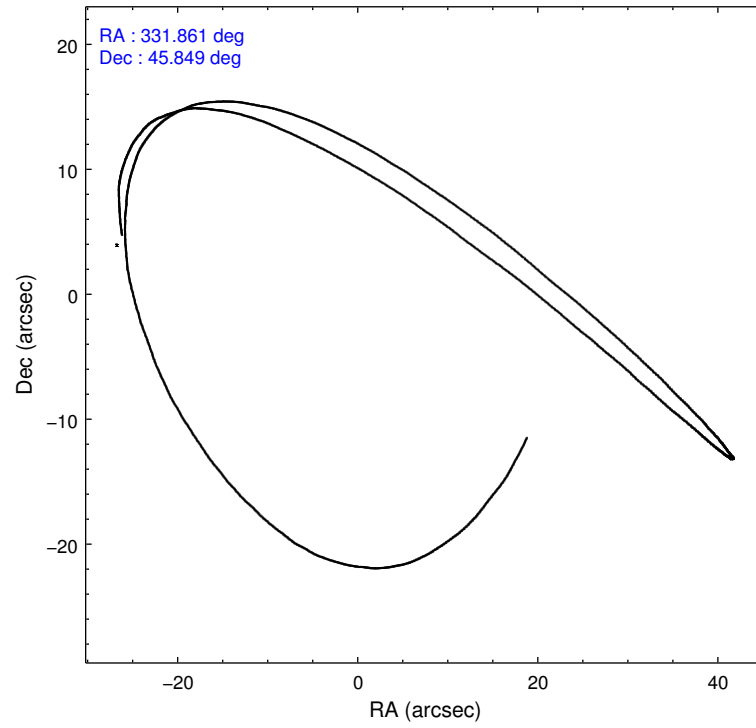
	segment 0
level 1 events	188724
rejected events	39731
rejected %	21%

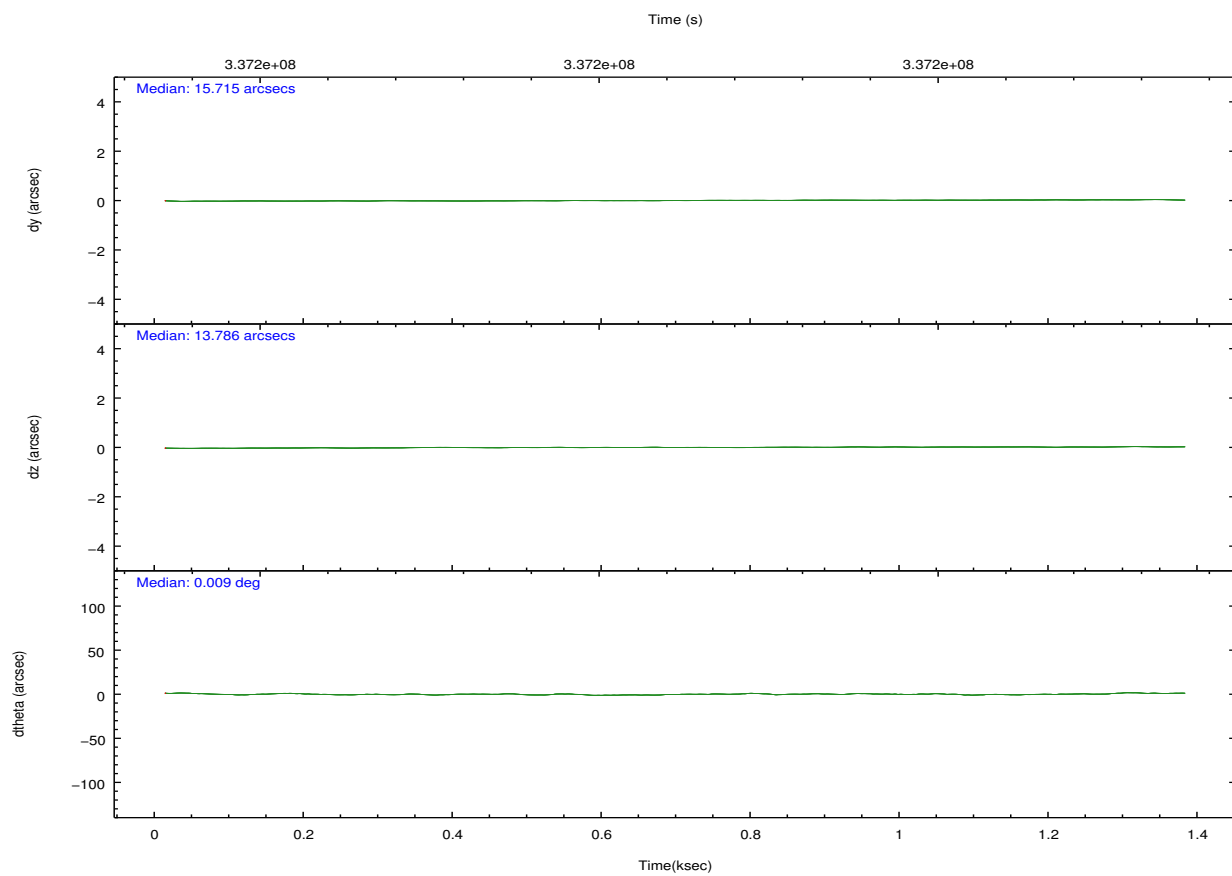
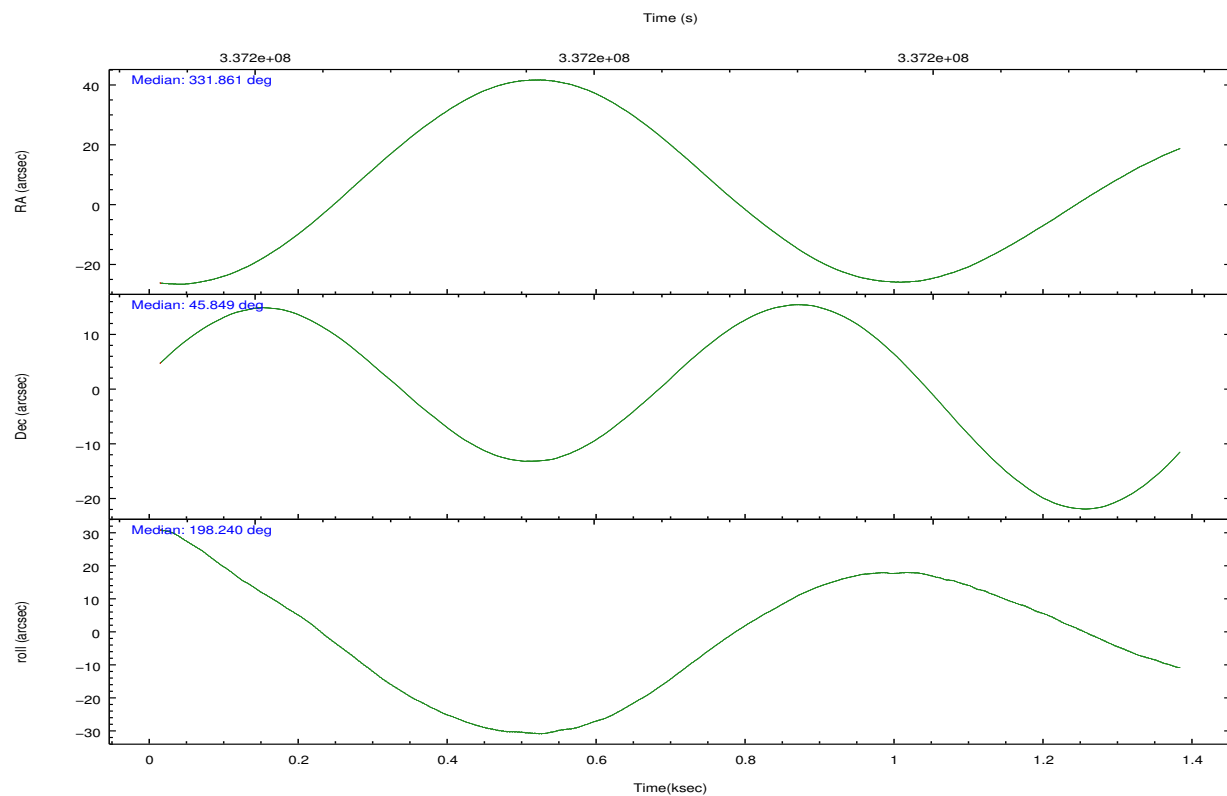
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	331.887447	331.8613610883832
[deg] Pointing Dec	45.869411	45.84852432510664
[deg] Pointing Roll	198.325874	198.2491603071085
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	337203627.184000	337203251.00685
Observation start date	2008-09-07T19:39:22	2008-09-07T19:34:11
[s] Observation end time (MET)	337204807.184000	337205002.21943
Observation end date	2008-09-07T19:59:02	2008-09-07T20:03:22

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

2.3 Aspect



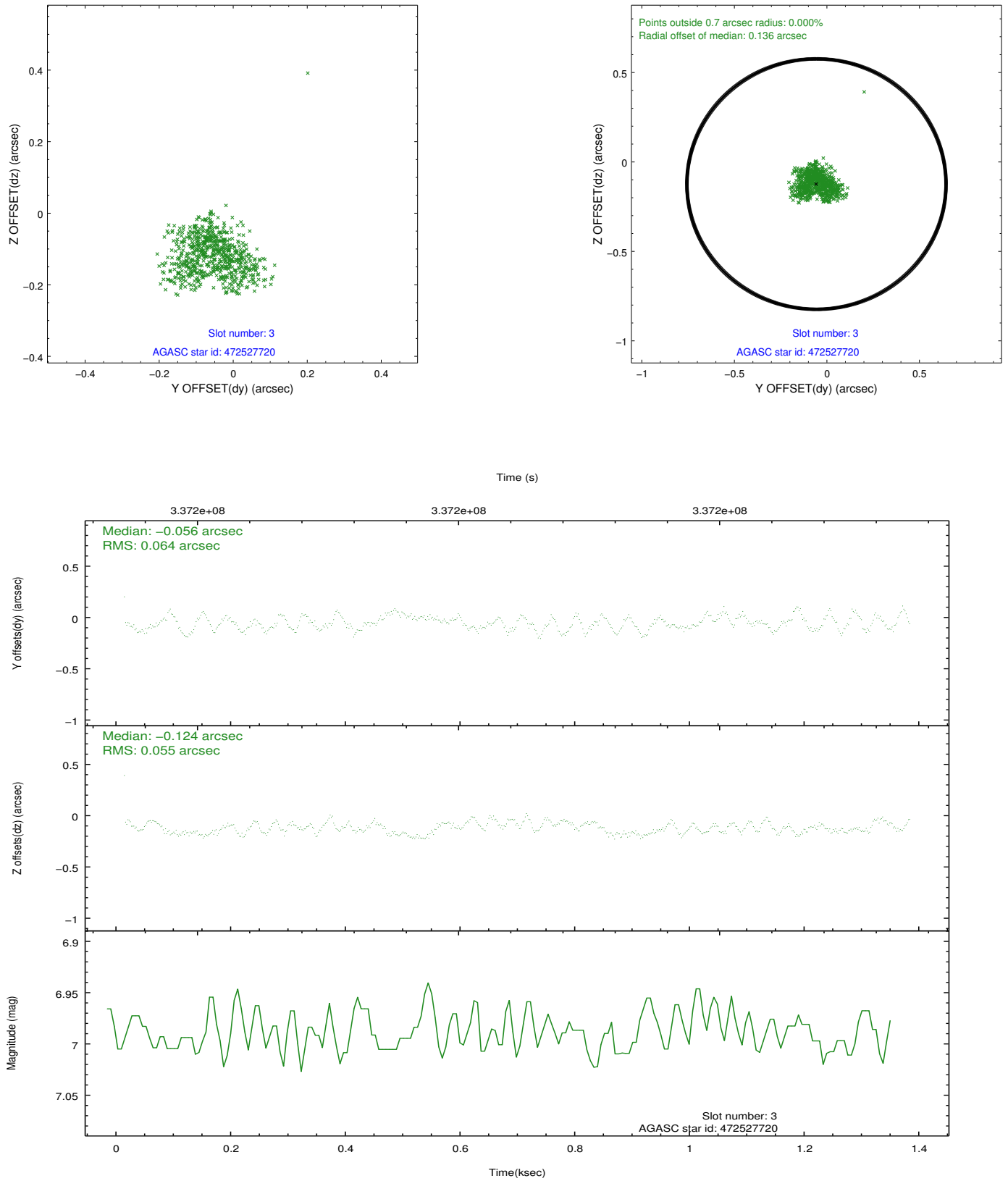


Slot Statistics

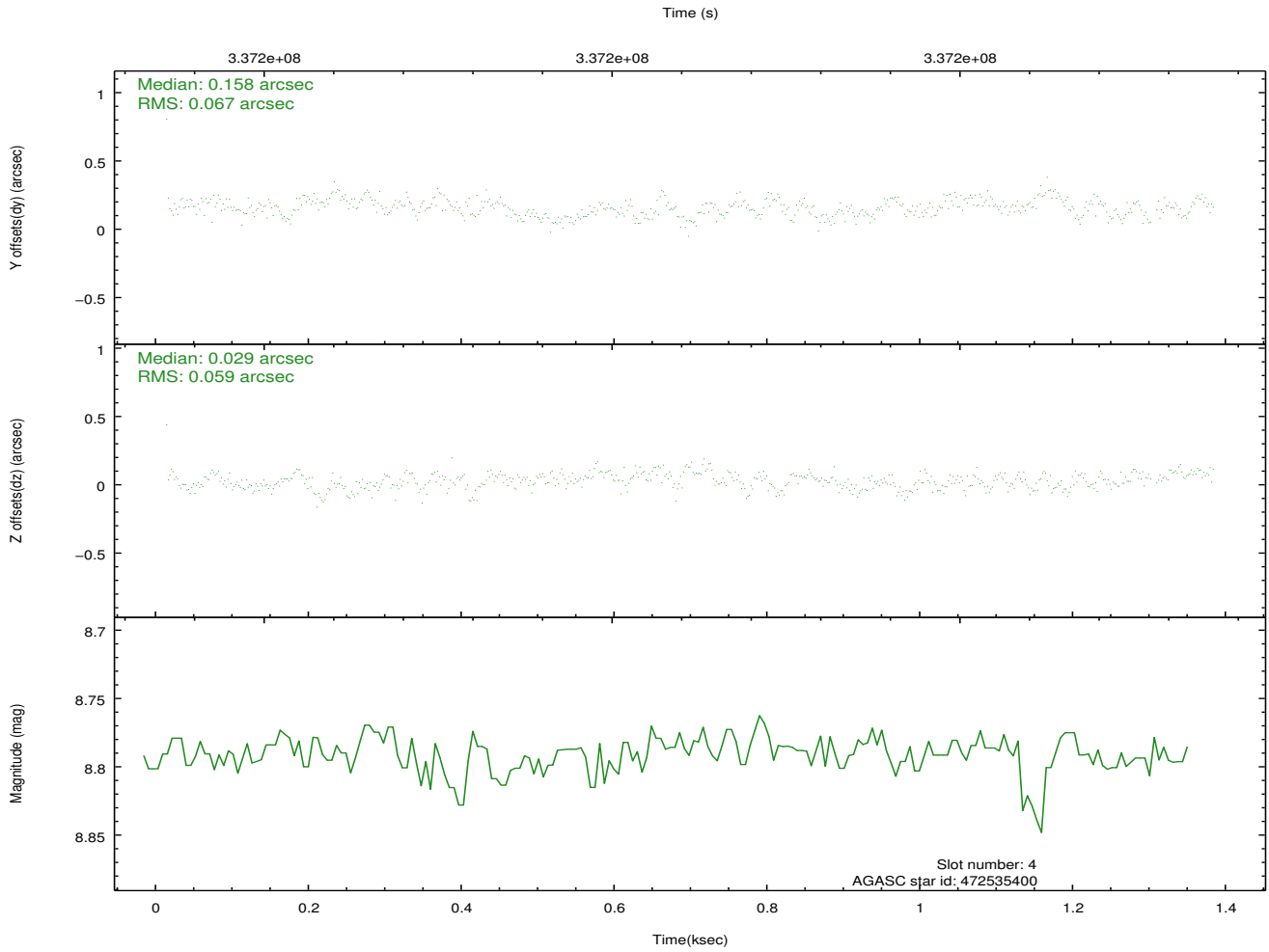
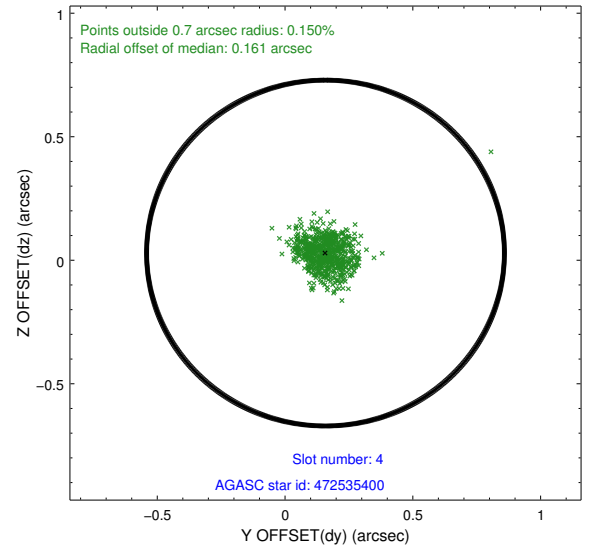
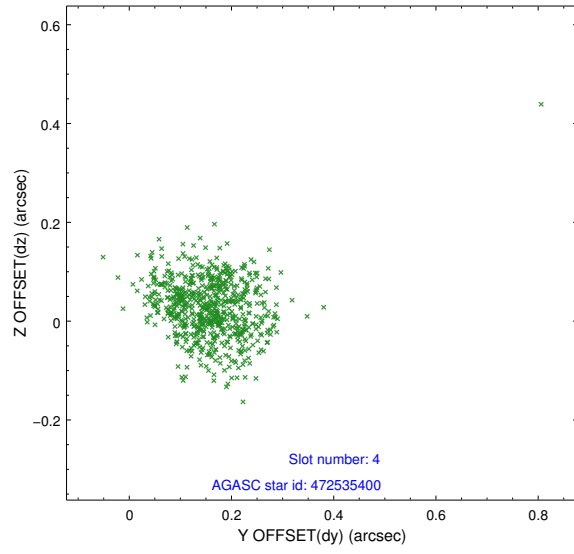
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	335	-0.071	0.010	0.007	0.013	0.000000	0.000000	-771.62	-1301.81
1	FID	HRC-I-2	7.03	335	0.227	-0.126	0.005	0.010	0.000000	0.000000	839.00	-1307.42
2	FID	HRC-I-3	7.09	335	-0.037	0.026	0.006	0.011	0.000000	0.000000	-1197.55	998.87
3	GUIDE	472527720	6.99	669	-0.056	-0.124	0.091	0.134	331.460205	45.112509	1884.25	2243.06
4	GUIDE	472535400	8.79	666	0.158	0.029	0.090	0.139	331.047001	46.353888	1432.12	-2318.76
5	GUIDE	472535576	7.86	669	-0.095	0.036	0.063	0.095	331.438373	46.291802	582.02	-1800.86
6	GUIDE	472536328	8.13	669	-0.121	0.171	0.074	0.120	331.496671	46.454831	256.10	-2309.90
7	GUIDE	472655152	9.43	665	0.127	-0.115	0.107	0.171	332.504239	45.862991	-1463.77	498.98

2.4 Star Slots

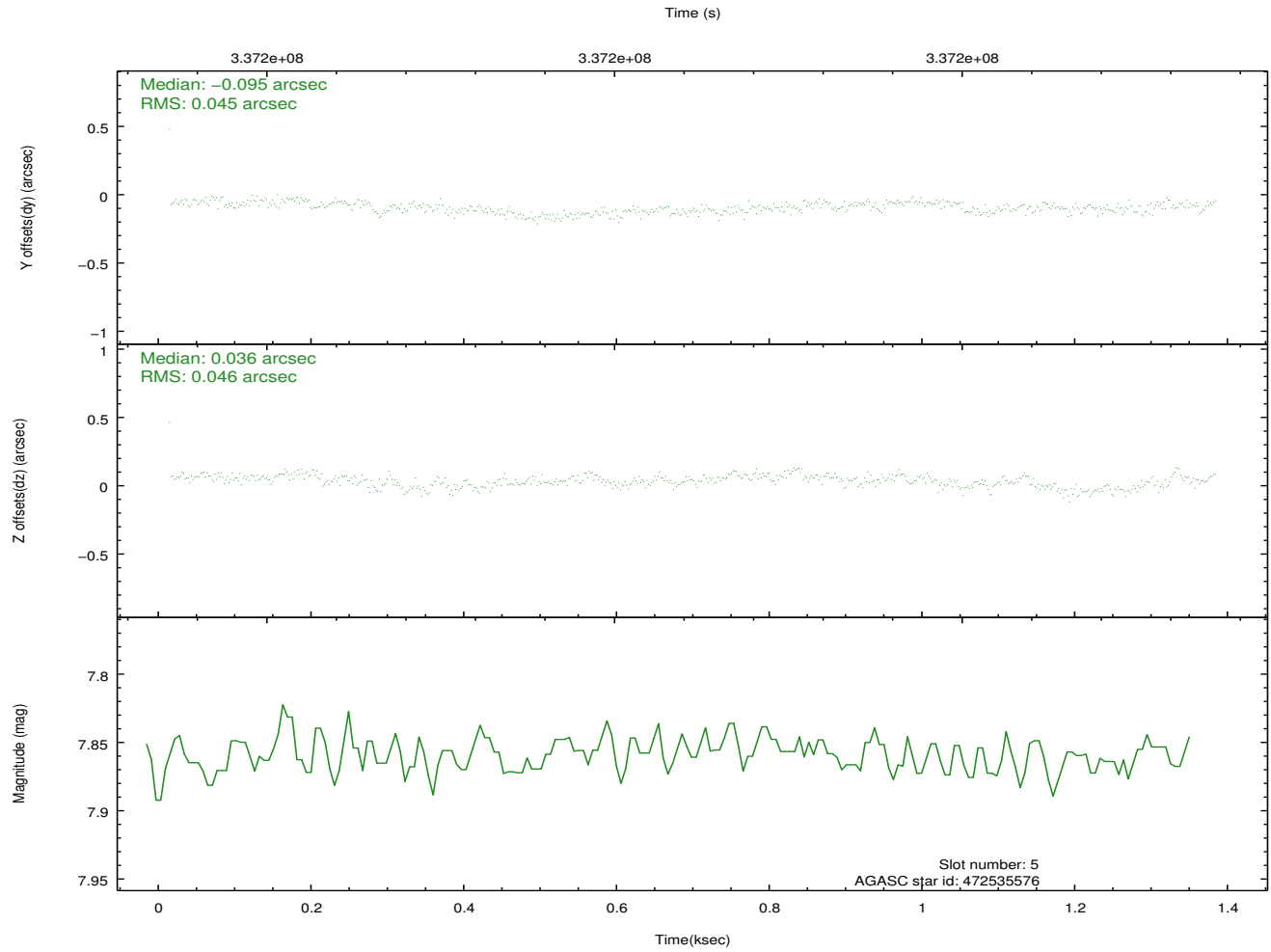
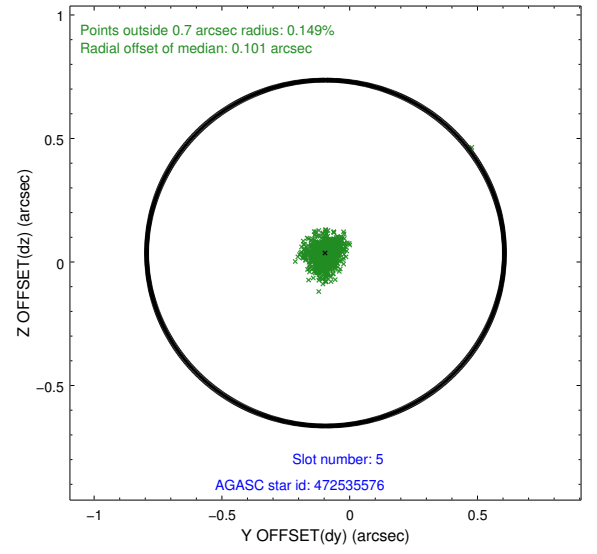
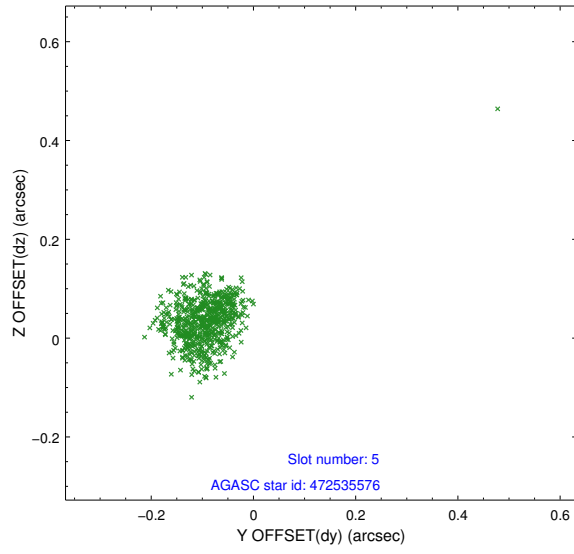
2.4.1 Slot 3



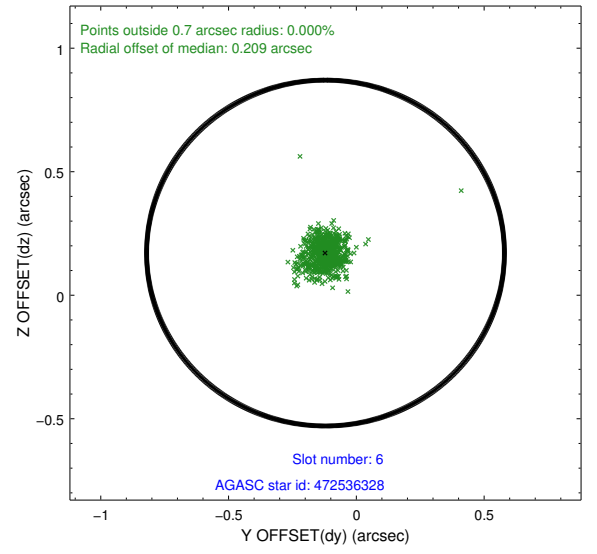
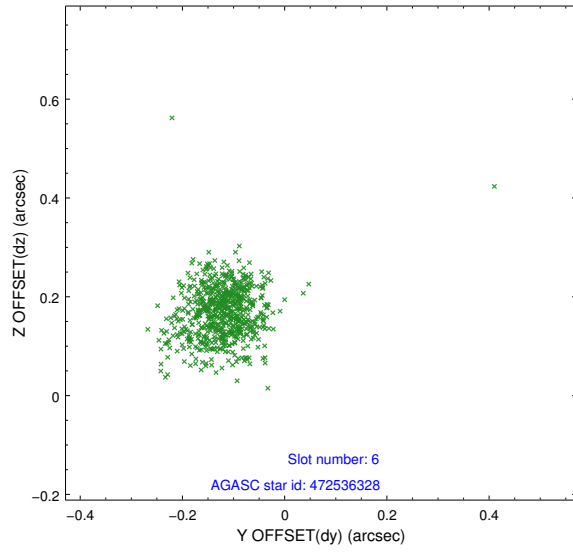
2.4.2 Slot 4



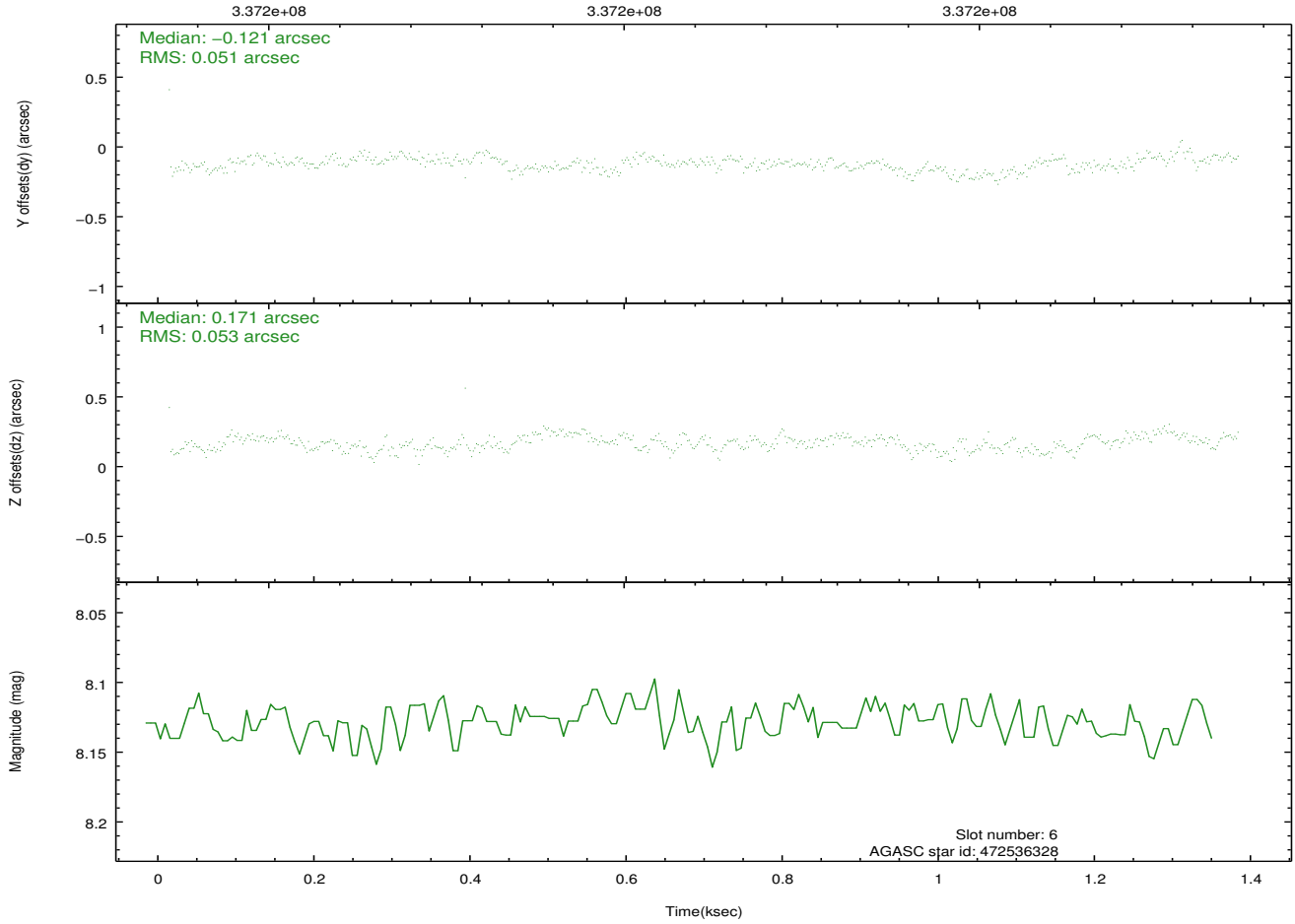
2.4.3 Slot 5



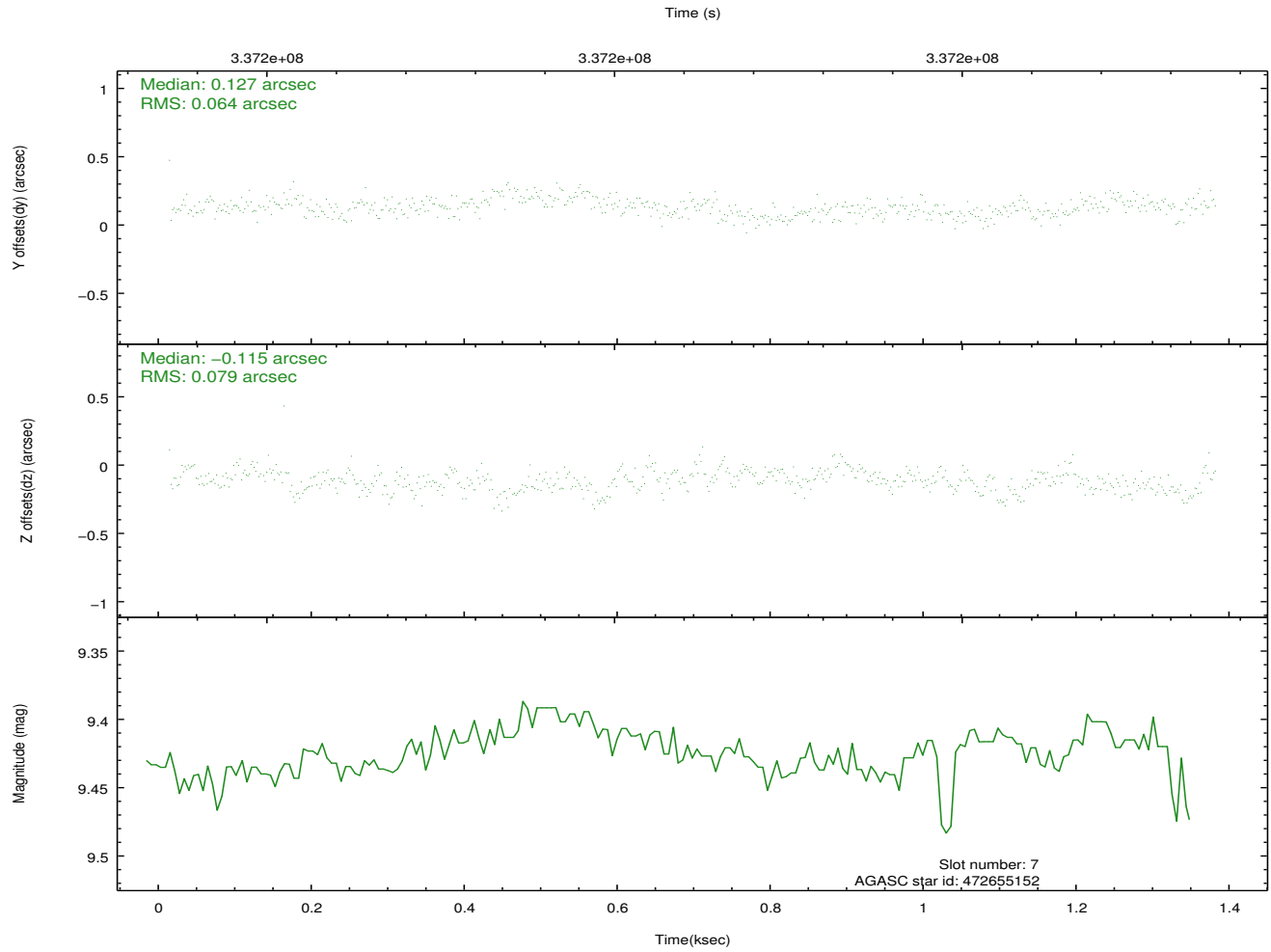
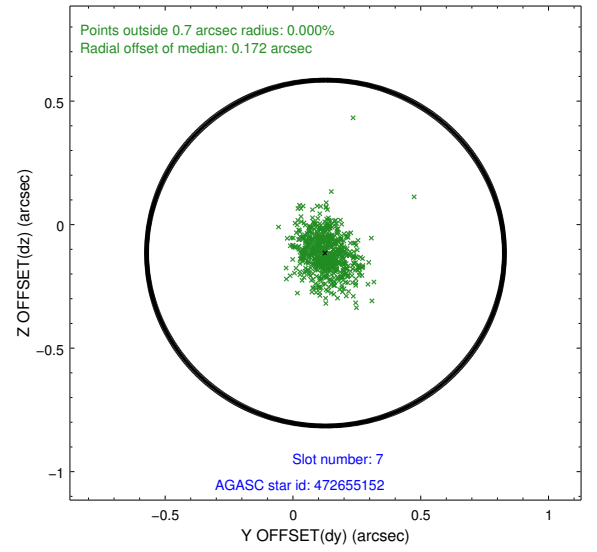
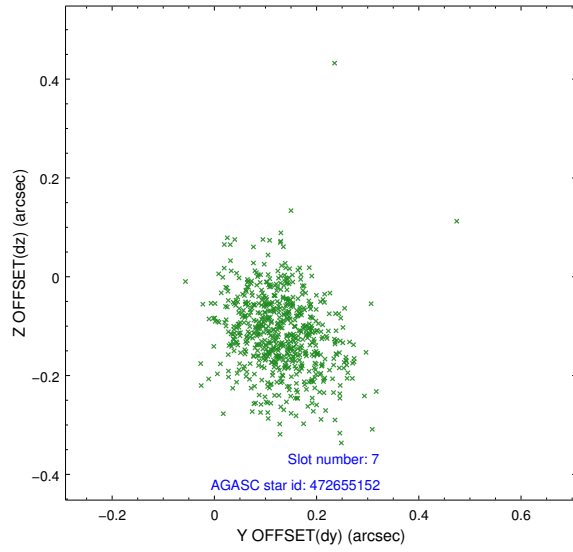
2.4.4 Slot 6



Time (s)

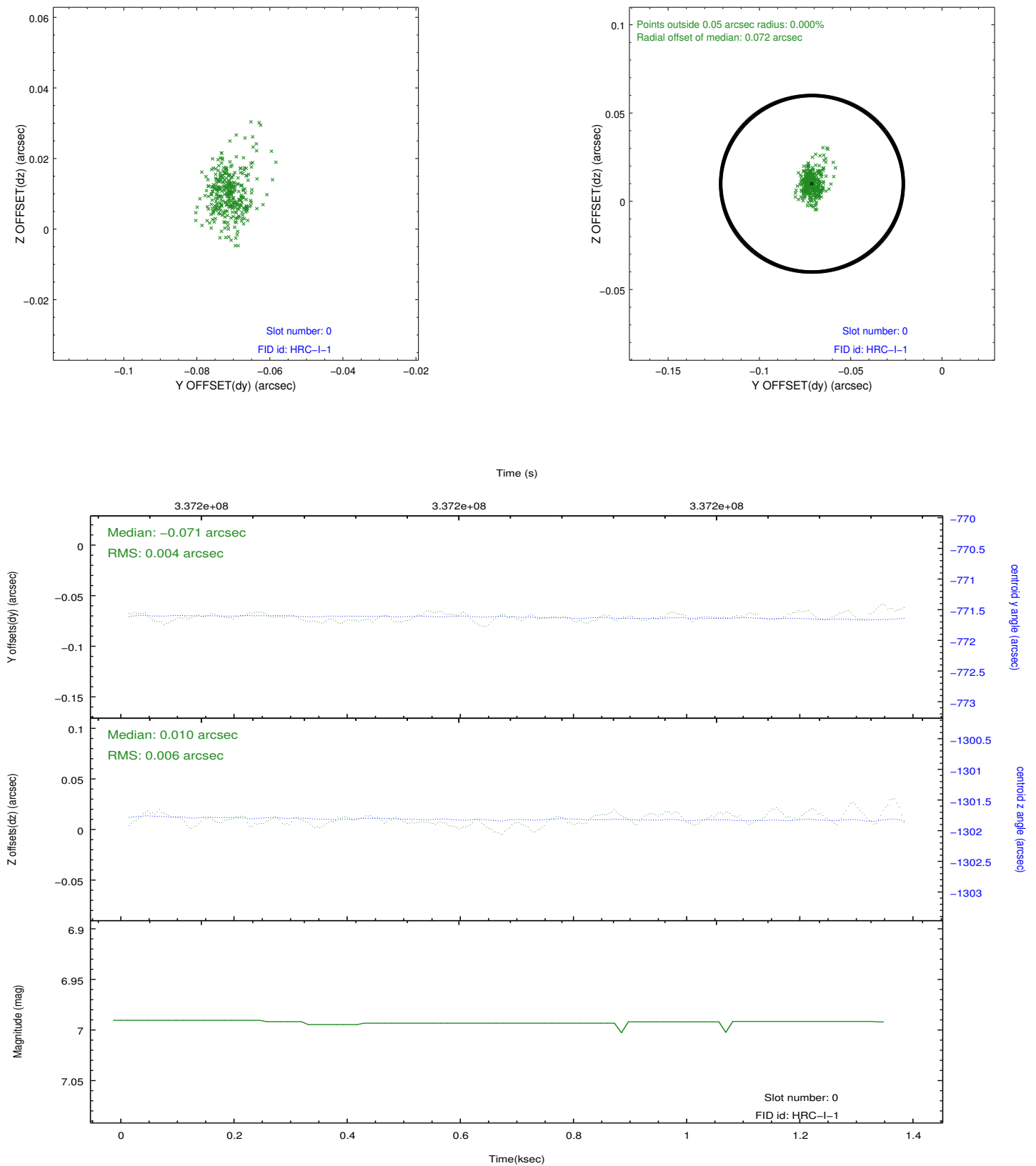


2.4.5 Slot 7

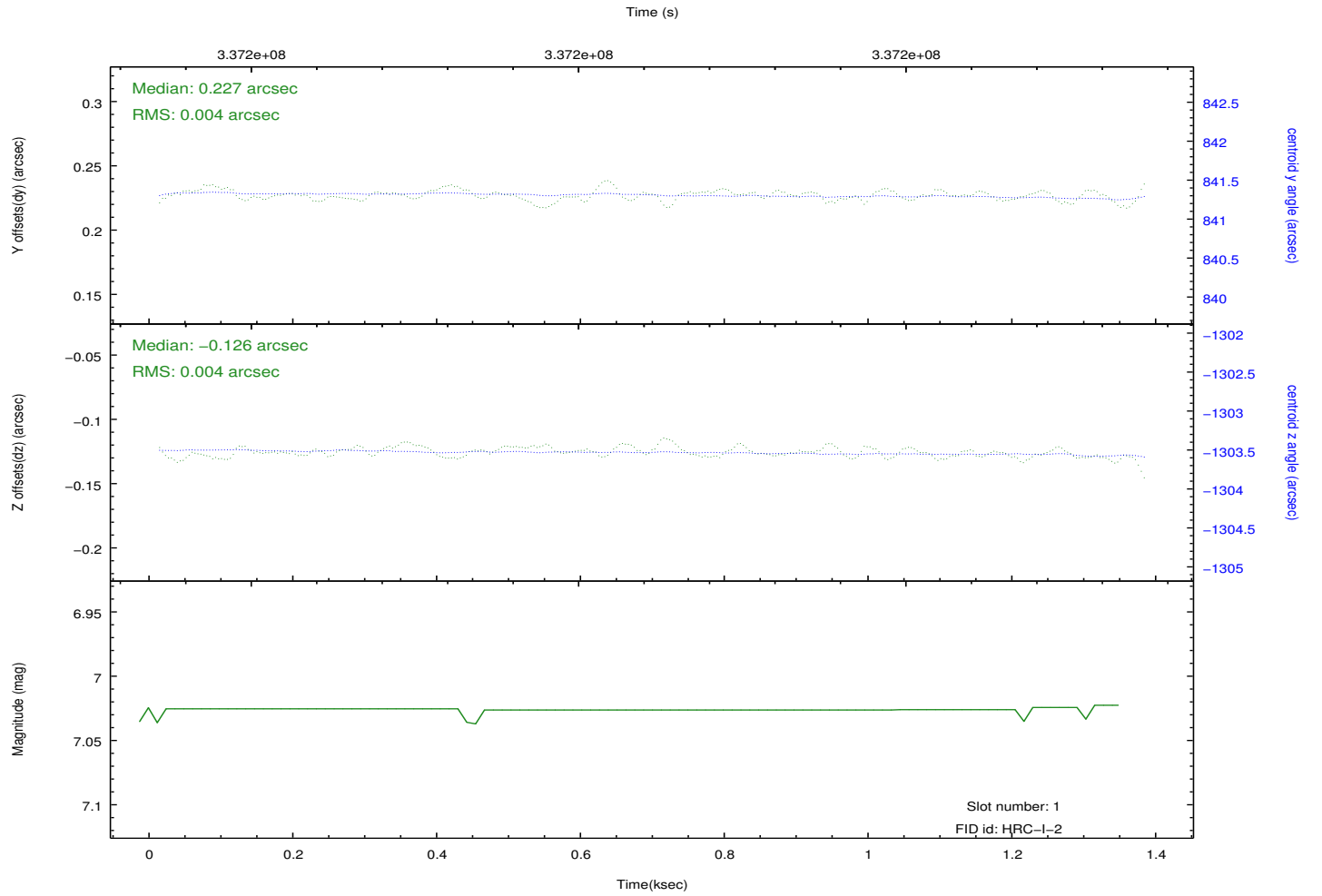
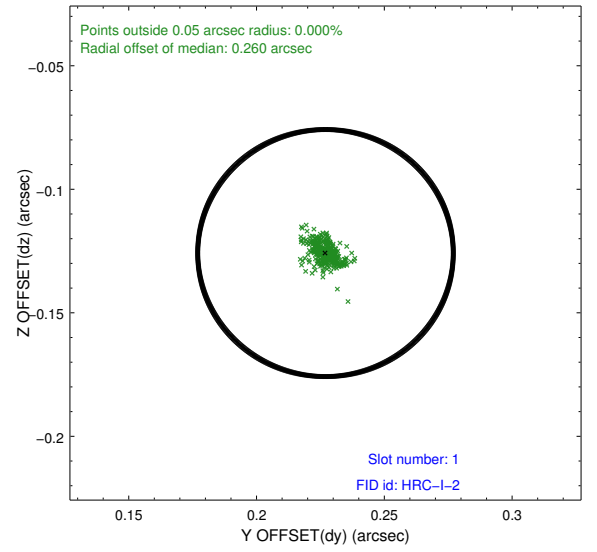
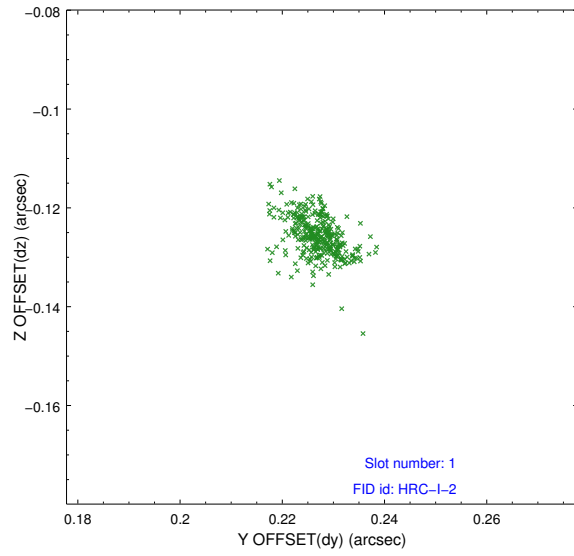


2.5 FID Slots

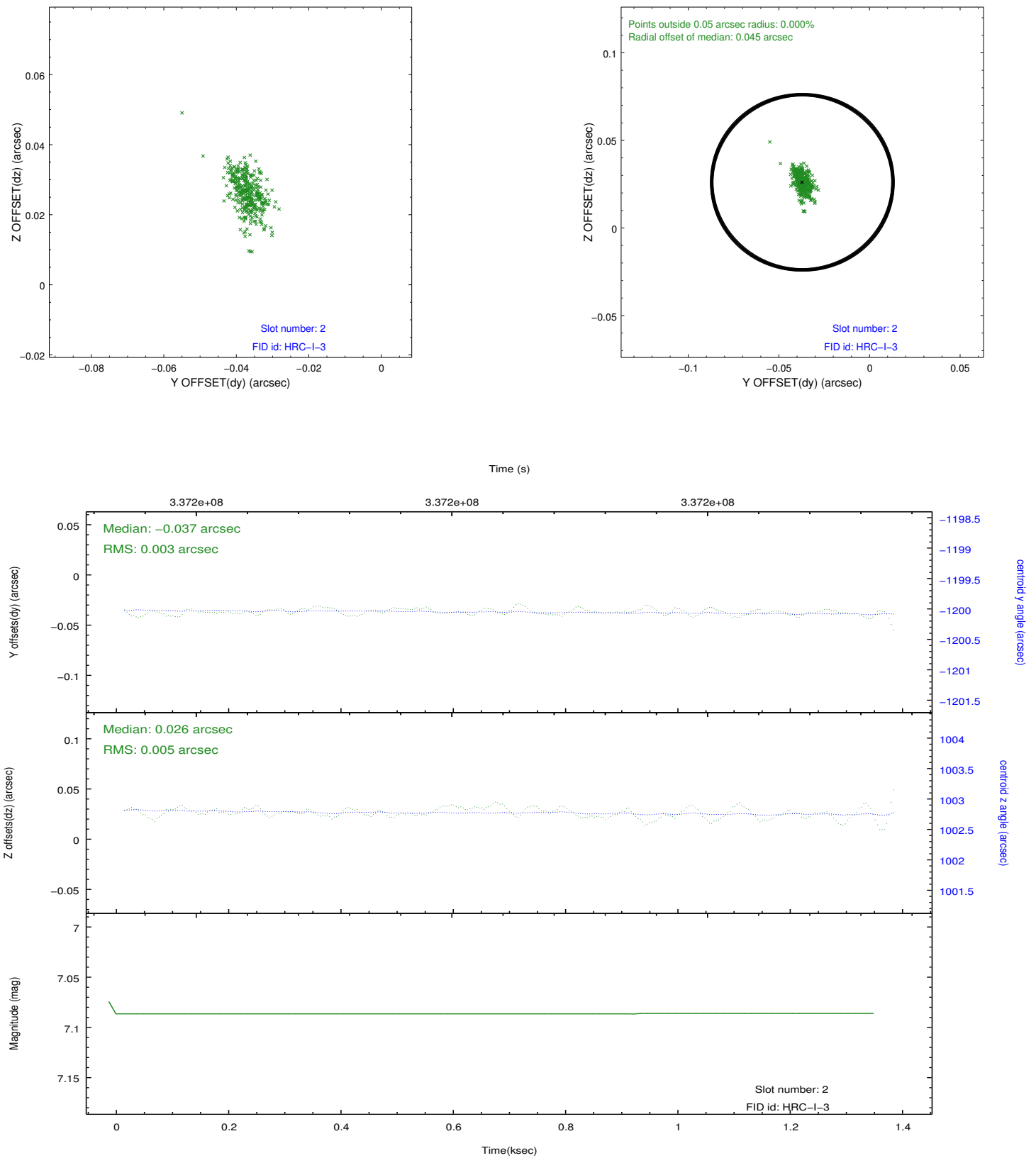
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36863131

A.2 Comments