

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9665 - L2 Version 3
Chandra X-Ray Center

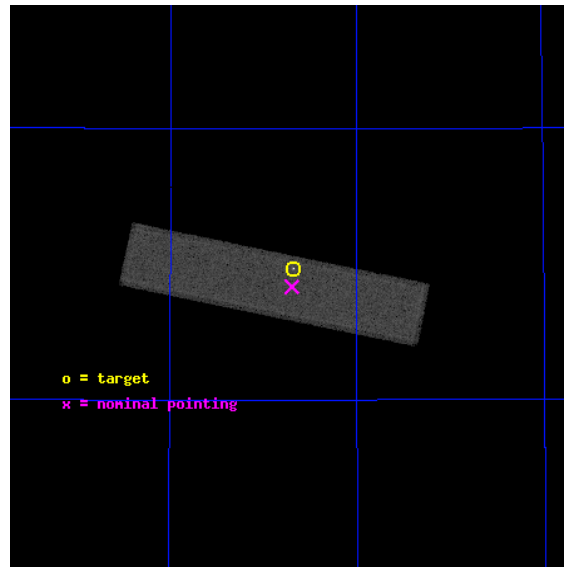
L2 Processing Date : Aug 12 2012

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1 Front

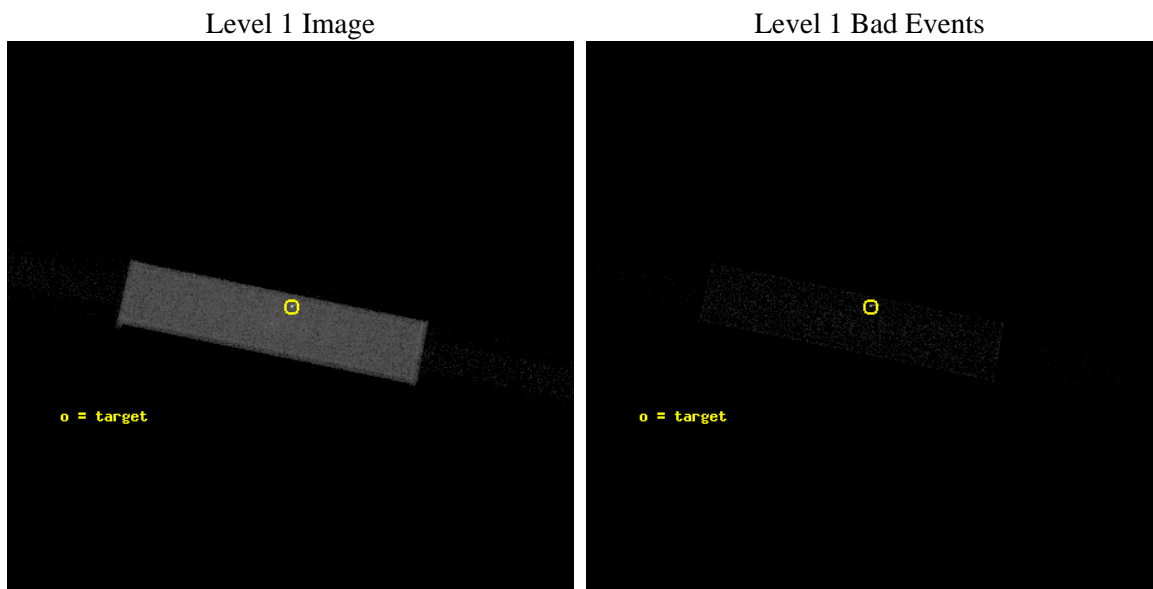
seq_num	290788	Sequence number
obs_id	9665	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.17373411495	Nominal RA [deg]
dec_nom	45.709127021295	Nominal Dec [deg]
roll_nom	191.47125264893	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1331.731315434	[s]
livetime	1319.893207004	Ontime multiplied by DTCOR
l2events	84845	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1331.731315434	[s]
caldsver	4.5.1.1	 	l1events	129831	Number of level 1 events
date	2012-08-12T17:40:39	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

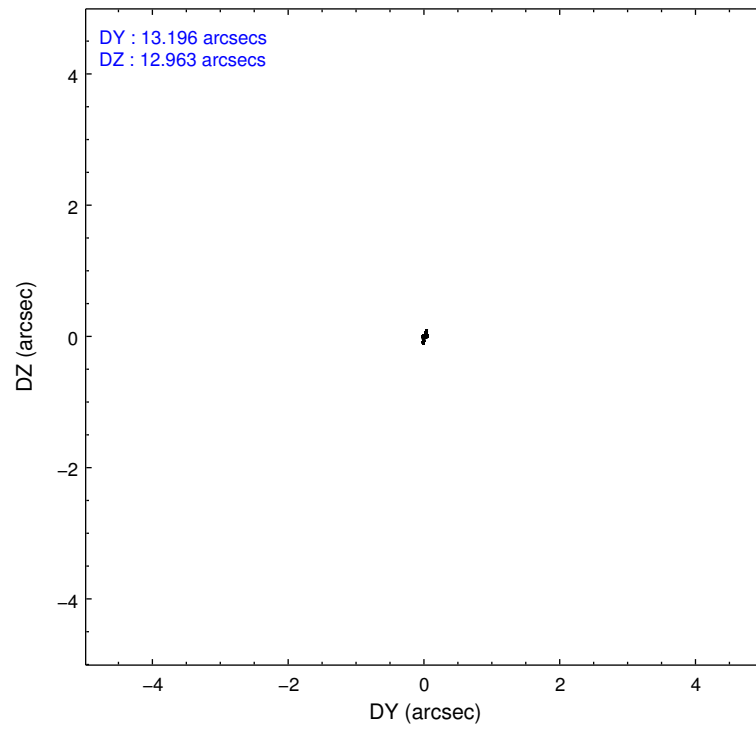
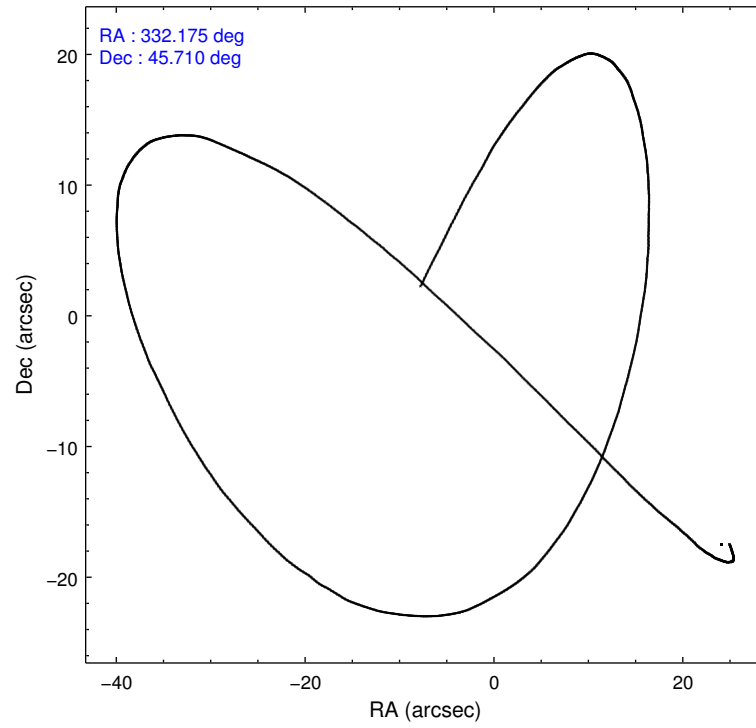
	segment 1	segment 2	segment 3
level 1 events	911	127962	958
rejected events	911	26401	958
rejected %	100%	20%	100%

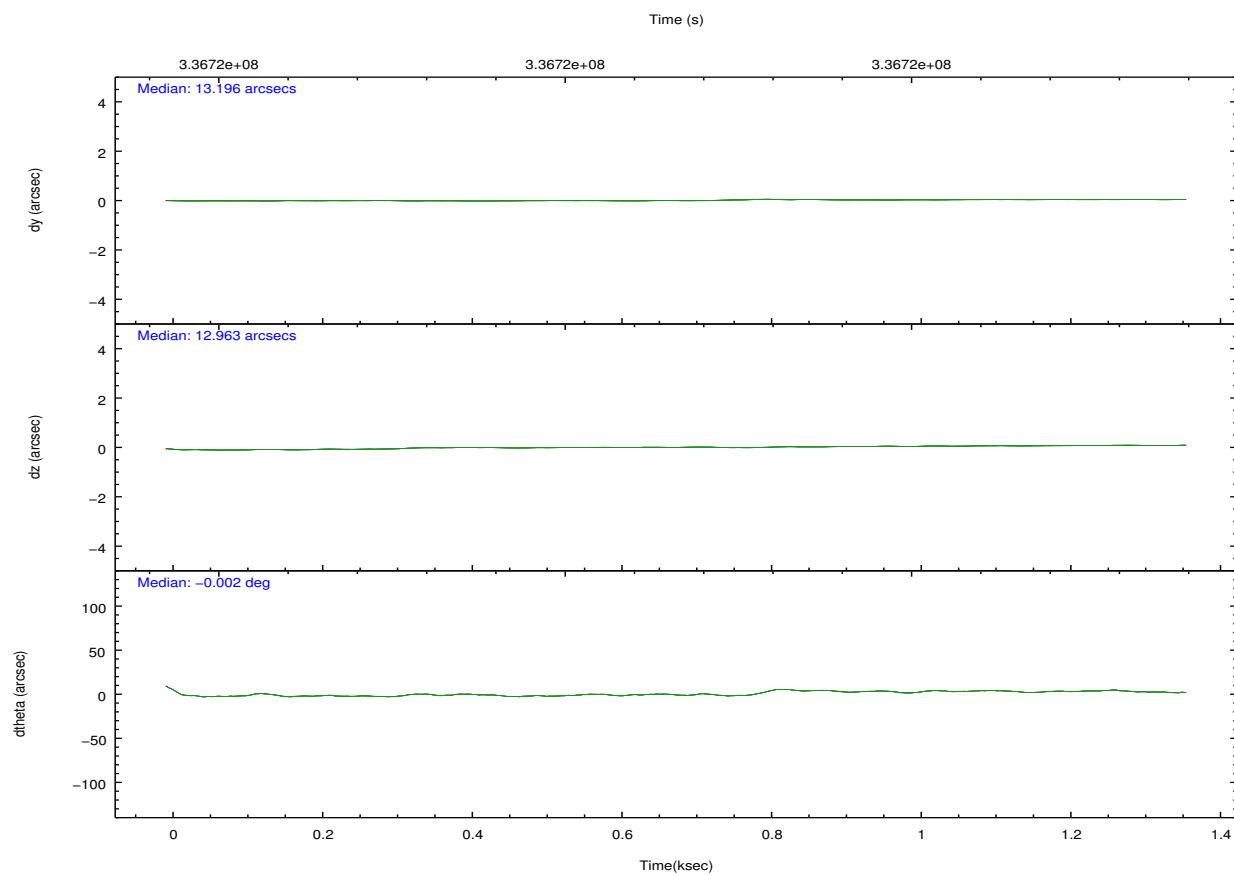
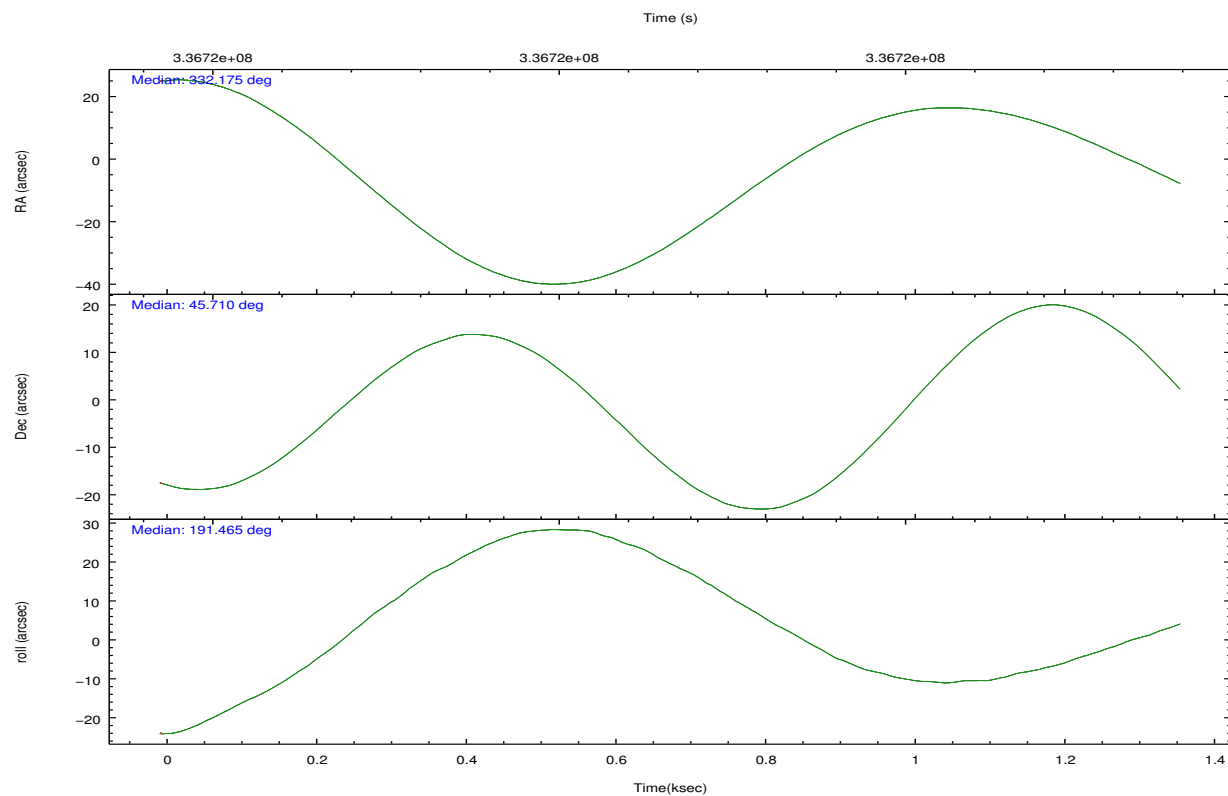
2.2 Compared Parameters

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	332.202154	332.173734114947
[deg] Pointing Dec	45.728805	45.70912702129487
[deg] Pointing Roll	191.383550	191.4712526489286
[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)	336719663.184000	336719286.47057
Observation start date	2008-09-02T05:13:18	2008-09-02T05:08:06
[s] Observation end time (MET)	336720843.184000	336720976.69566
Observation end date	2008-09-02T05:32:58	2008-09-02T05:36:16

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

2.3 Aspect



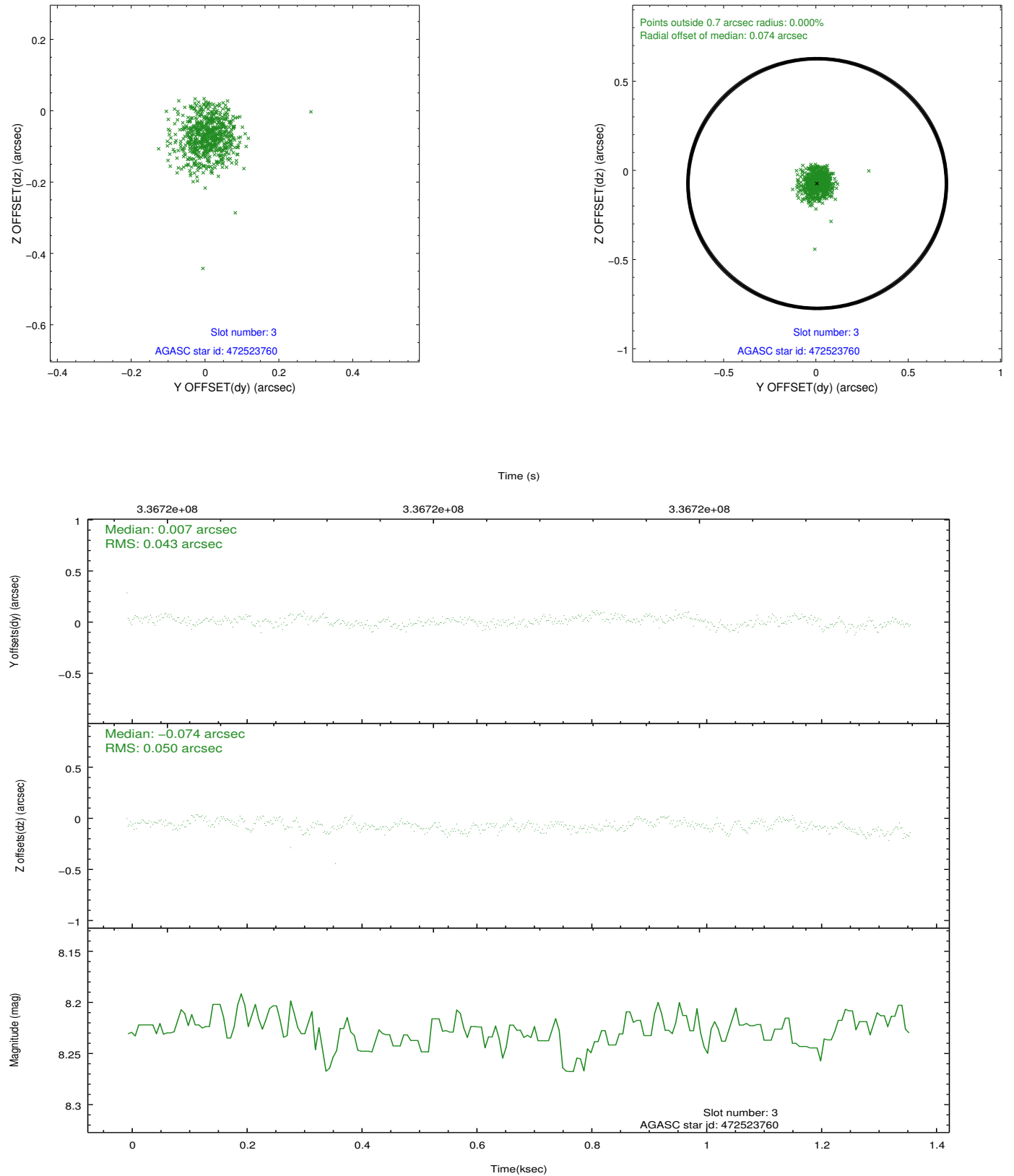


Slot Statistics

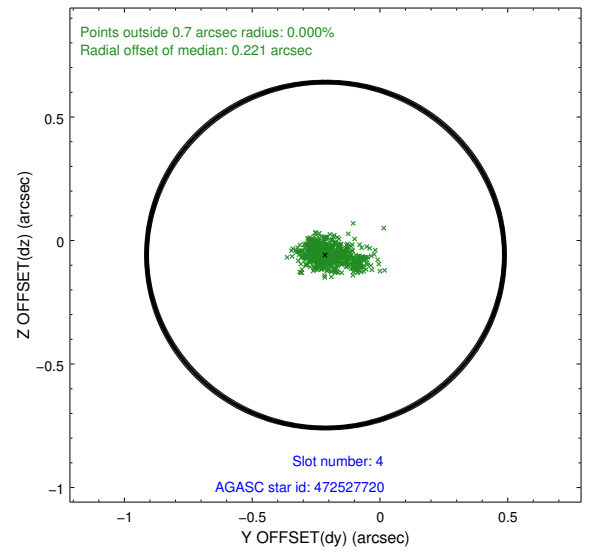
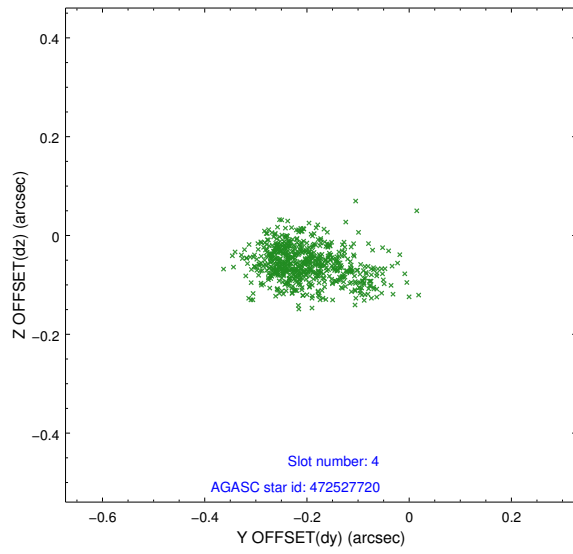
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	333	0.072	-0.157	0.008	0.013	0.000000	0.000000	-1167.58	-461.71
1	FID	HRC-S-3	7.01	333	0.025	-0.065	0.008	0.013	0.000000	0.000000	-1173.83	566.51
2	FID	HRC-S-4	6.96	332	0.292	-0.075	0.005	0.012	0.000000	0.000000	1227.37	572.09
3	GUIDE	472523760	8.23	666	0.007	-0.074	0.070	0.106	331.645363	45.403260	1613.01	867.43
4	GUIDE	472527720	6.98	666	-0.213	-0.059	0.072	0.143	331.460205	45.112509	2289.19	1796.93
5	GUIDE	472535576	7.88	666	-0.111	0.038	0.066	0.102	331.438373	46.291802	1467.32	-2367.04
6	GUIDE	472655152	9.45	664	0.158	0.048	0.106	0.179	332.504239	45.862991	-832.70	-327.98
7	GUIDE	472665256	9.00	665	0.141	0.055	0.086	0.147	332.808125	46.195041	-1810.79	-1352.69

2.4 Star Slots

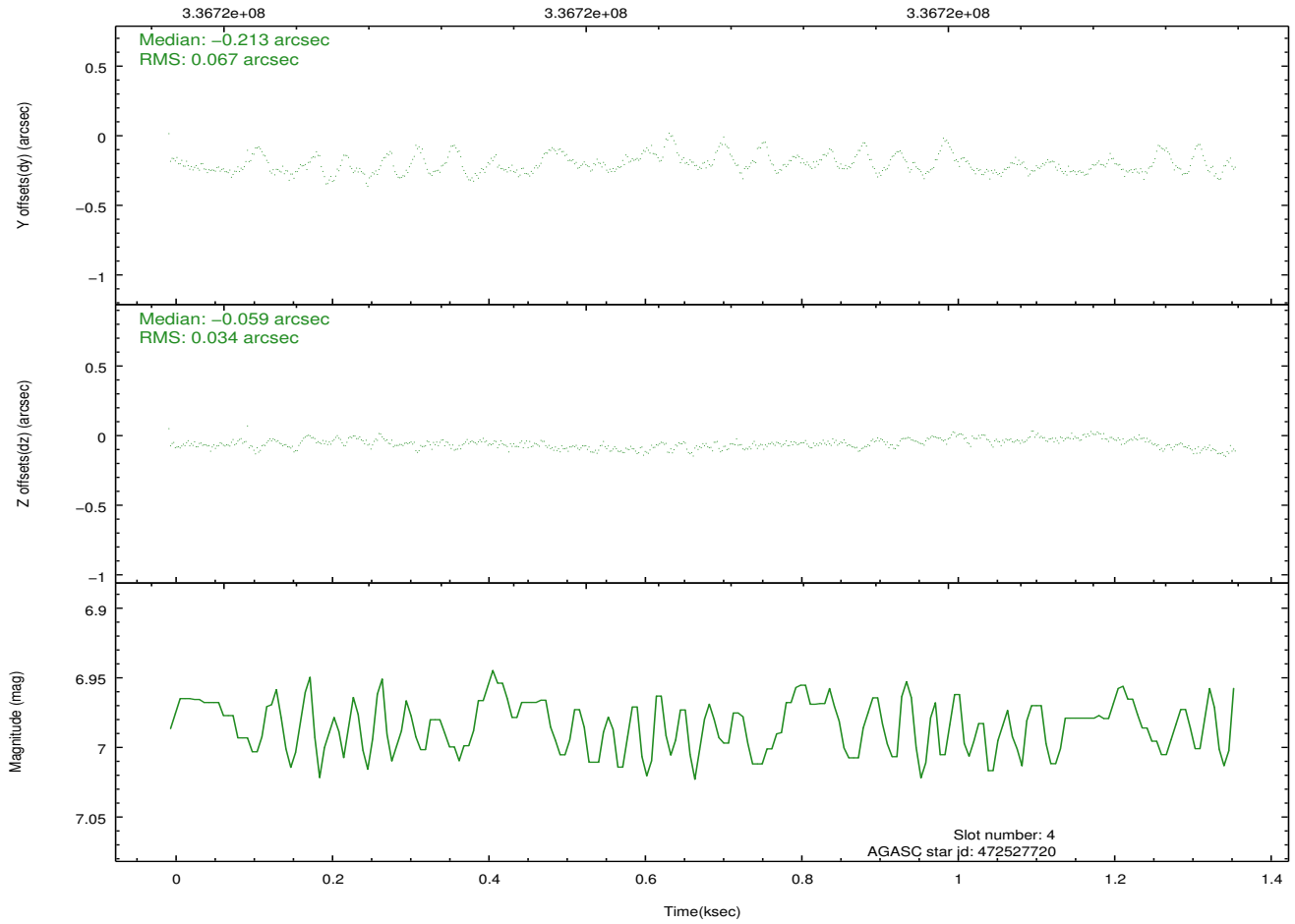
2.4.1 Slot 3



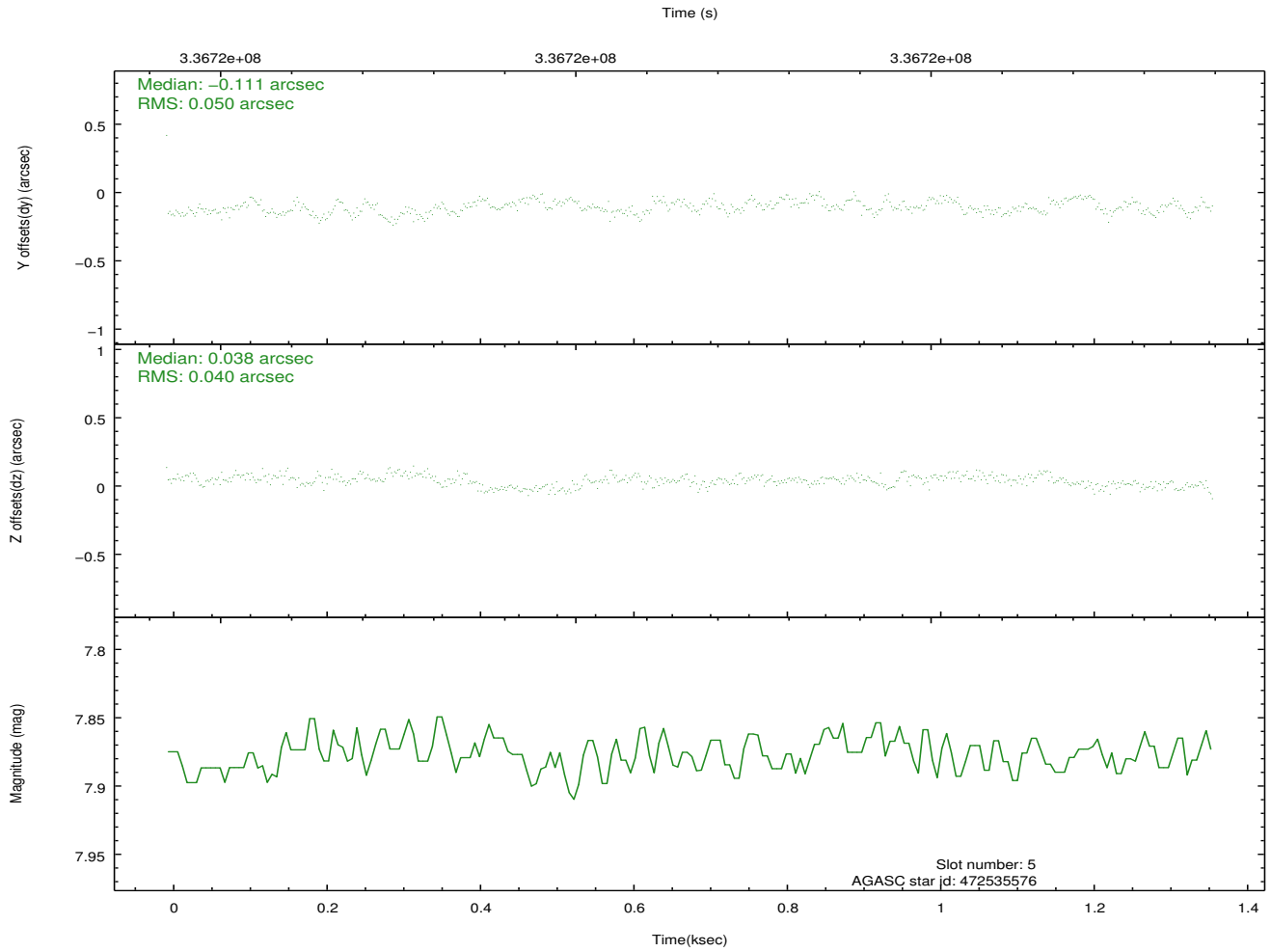
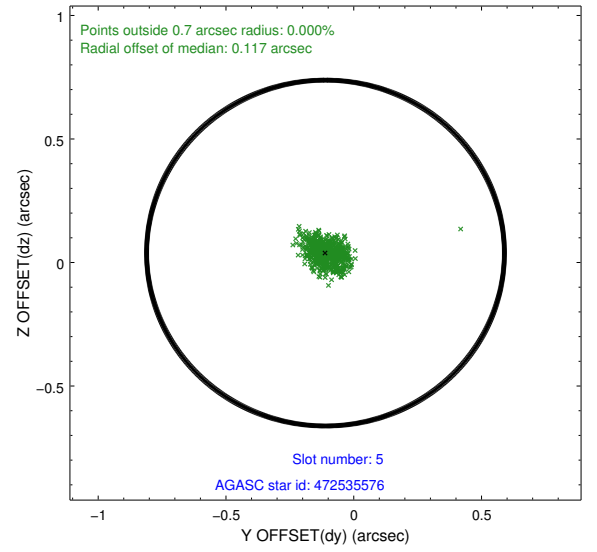
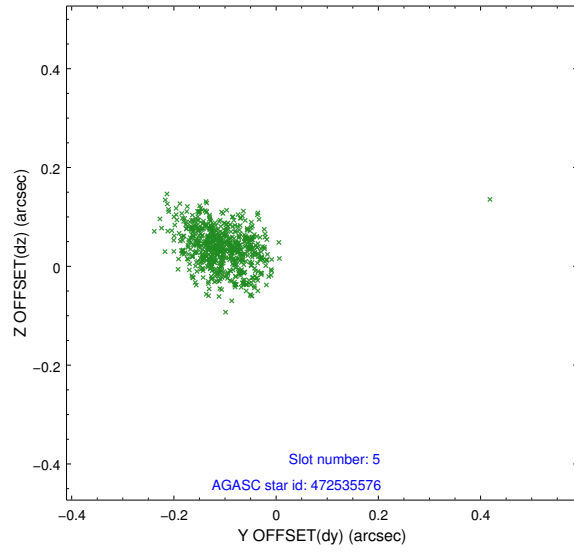
2.4.2 Slot 4



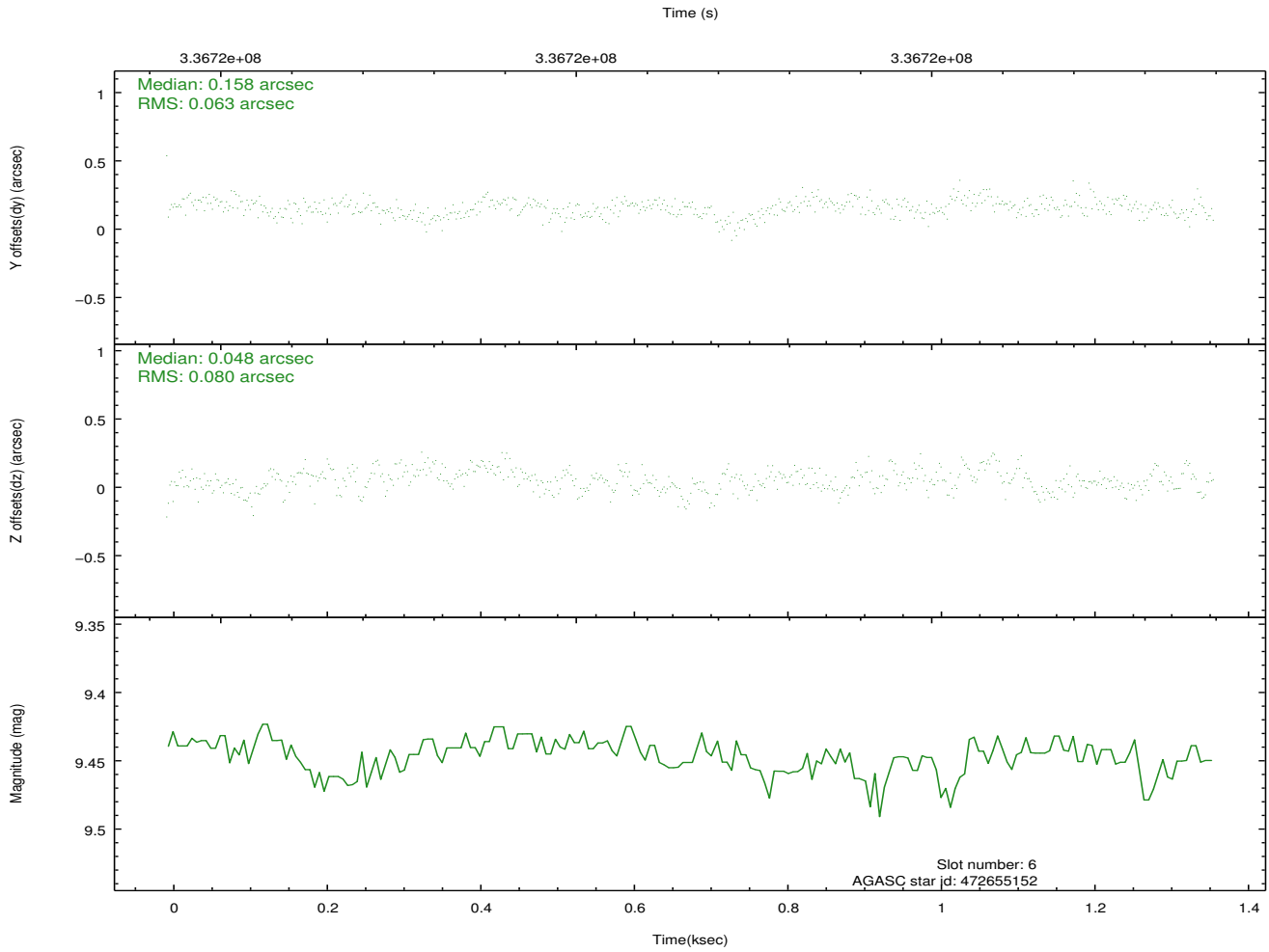
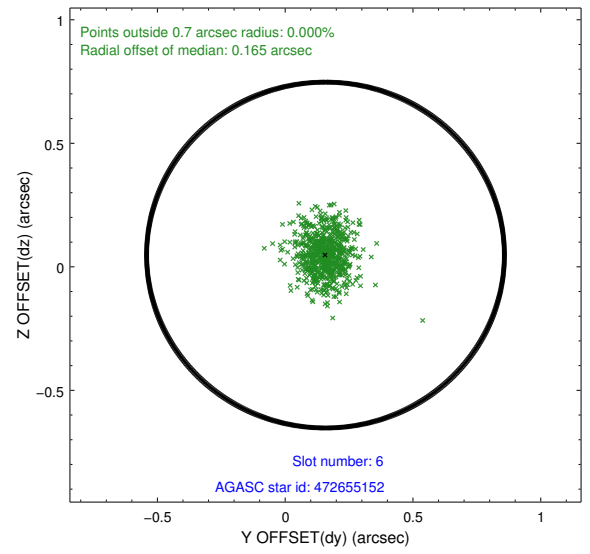
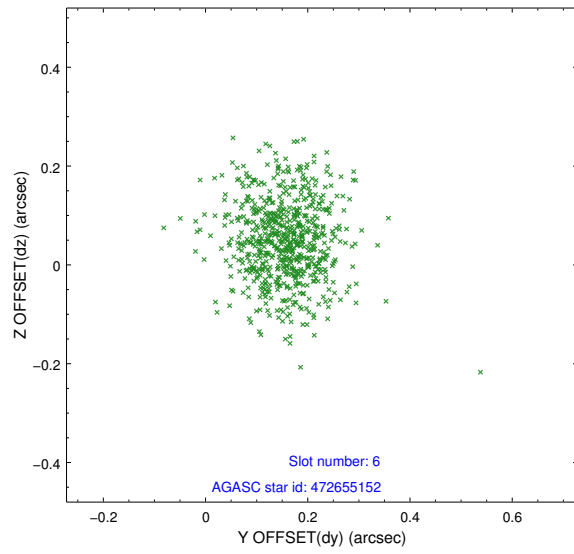
Time (s)



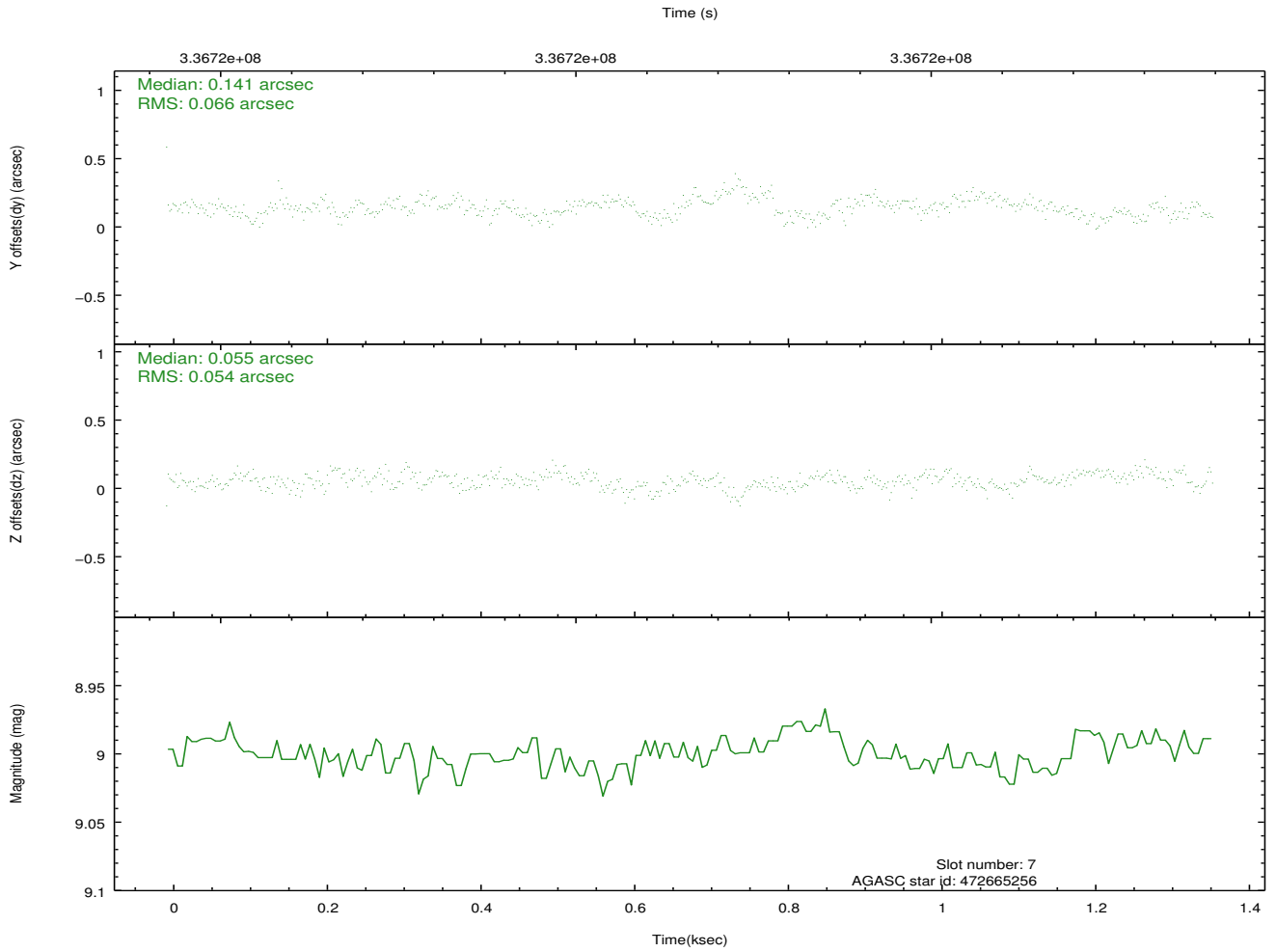
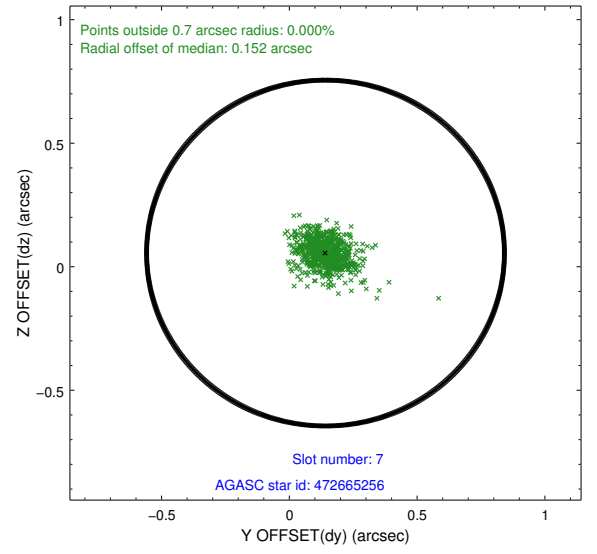
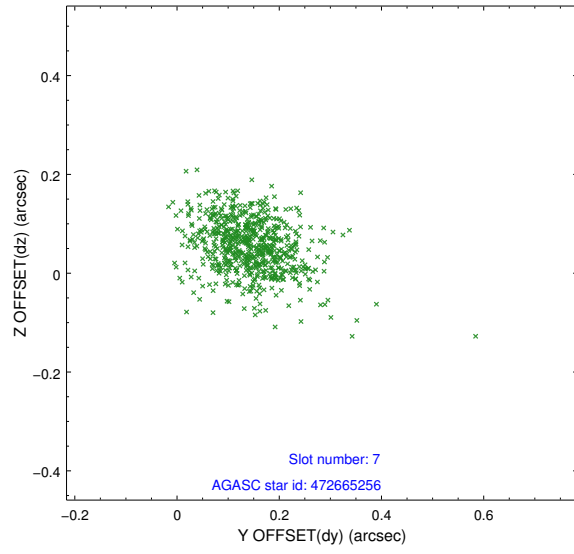
2.4.3 Slot 5



2.4.4 Slot 6

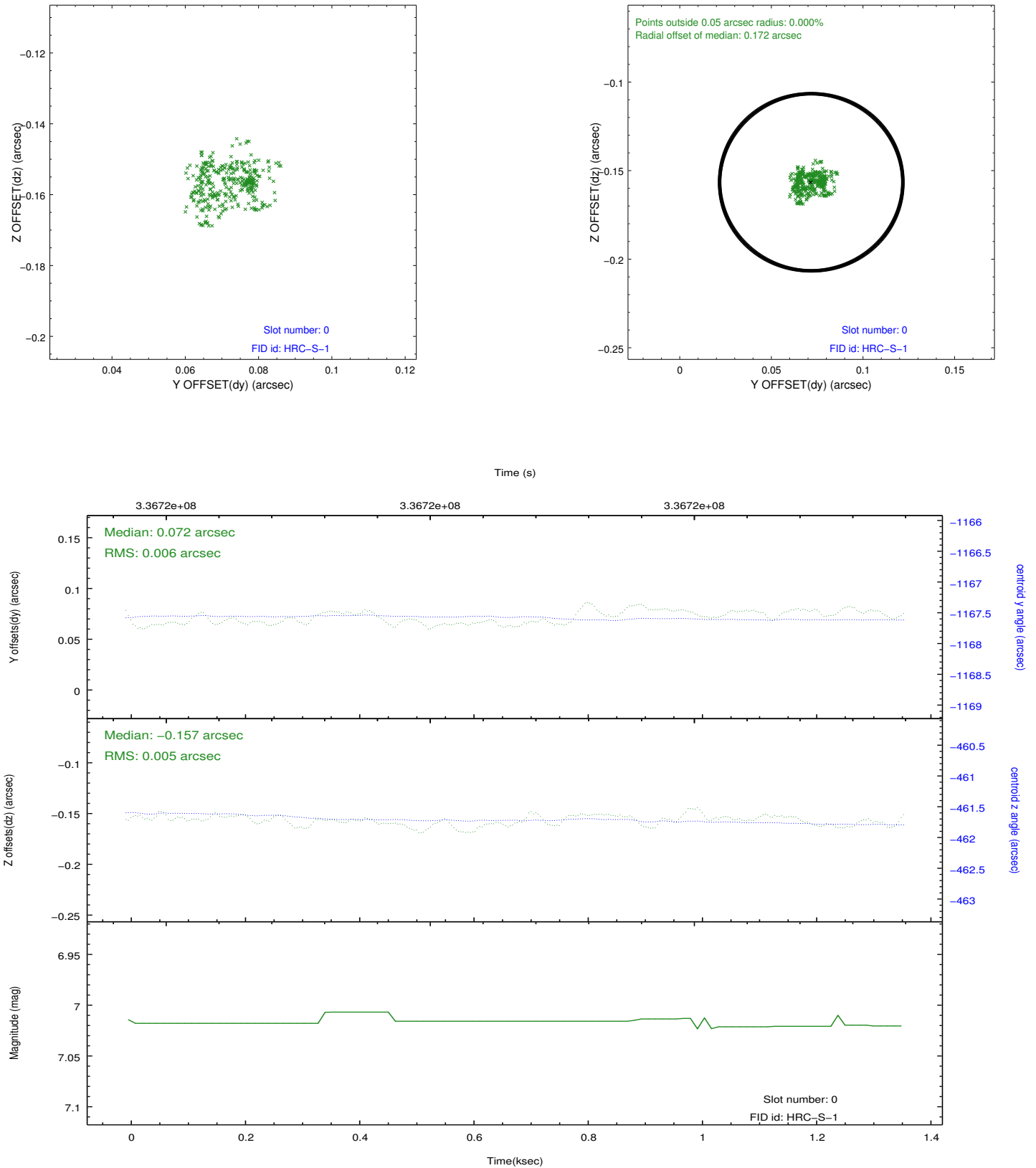


2.4.5 Slot 7

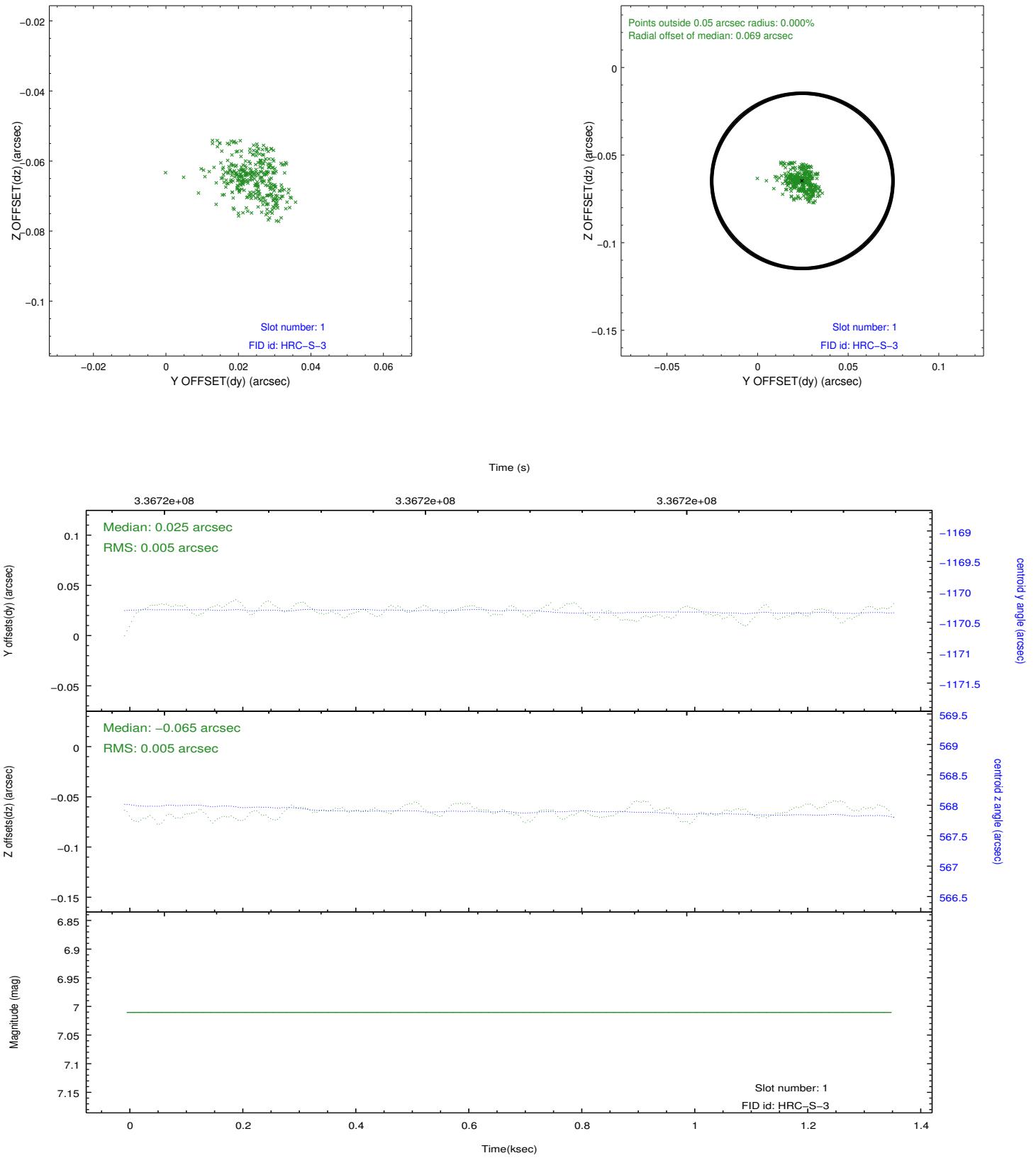


2.5 FID Slots

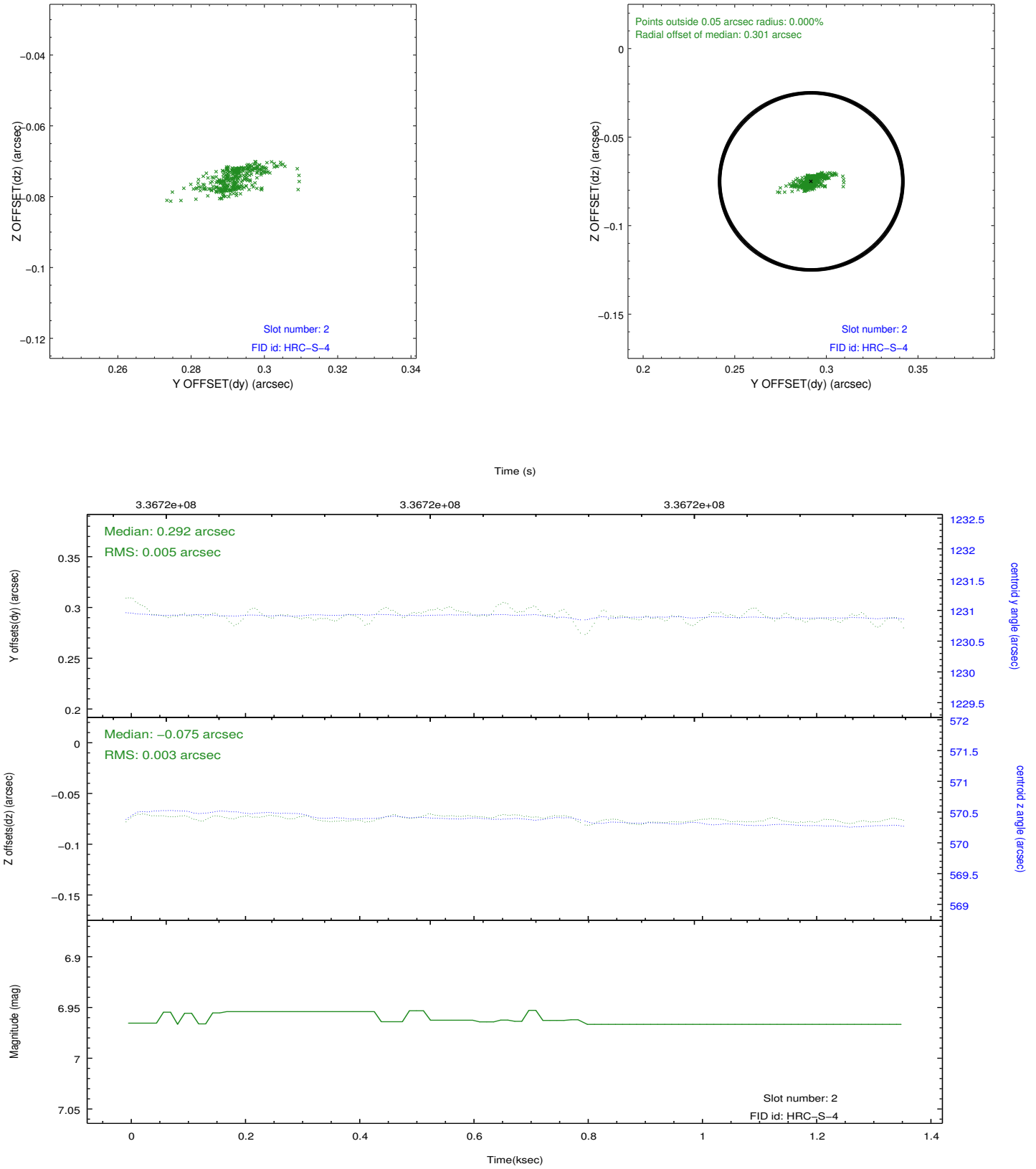
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.33173131

A.2 Comments