

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 270 - L2 Version 6
Chandra X-Ray Center

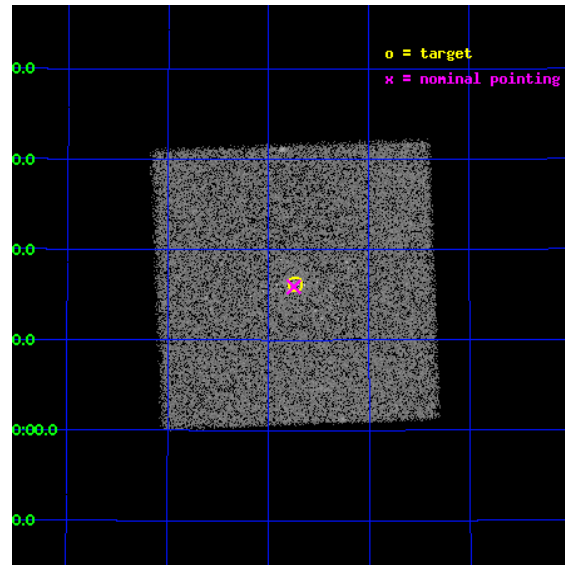
L2 Processing Date : Aug 22 2012

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1 Front

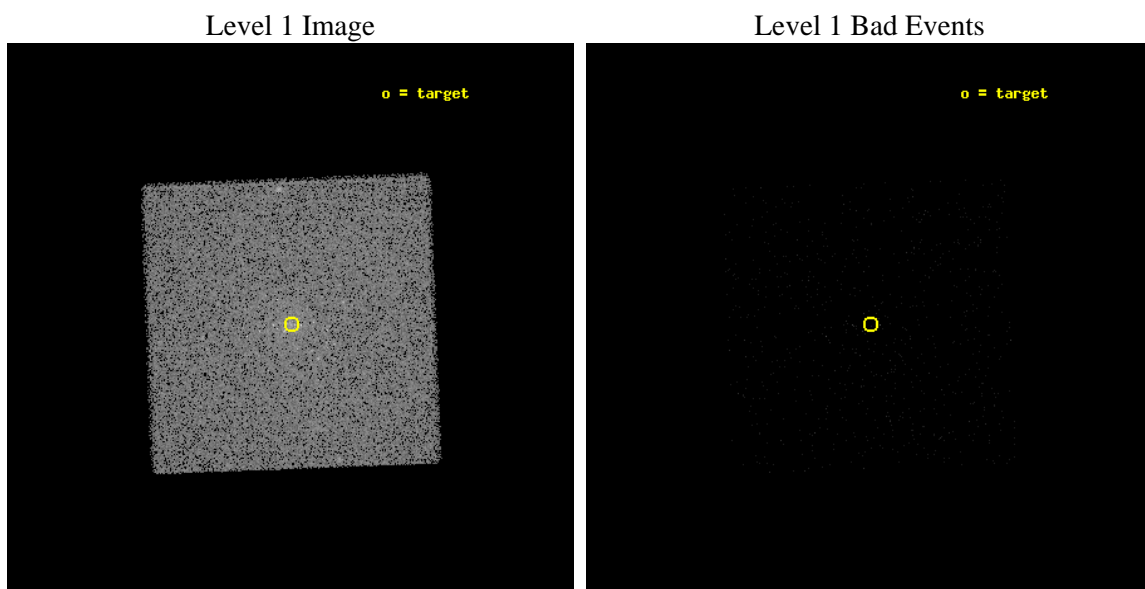
seq_num	600030	Sequence number
obs_id	270	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.686662118086	Nominal RA [deg]
dec_nom	41.265126654094	Nominal Dec [deg]
roll_nom	312.84550563122	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1481.3813040107	[s]
livetime	1469.8775492841	Ontime multiplied by DTCOR
l2events	78535	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1481.3813040107	[s]
caldbver	4.5.1.1	 	l1events	134504	Number of level 1 events
date	2012-08-22T13:09:35	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

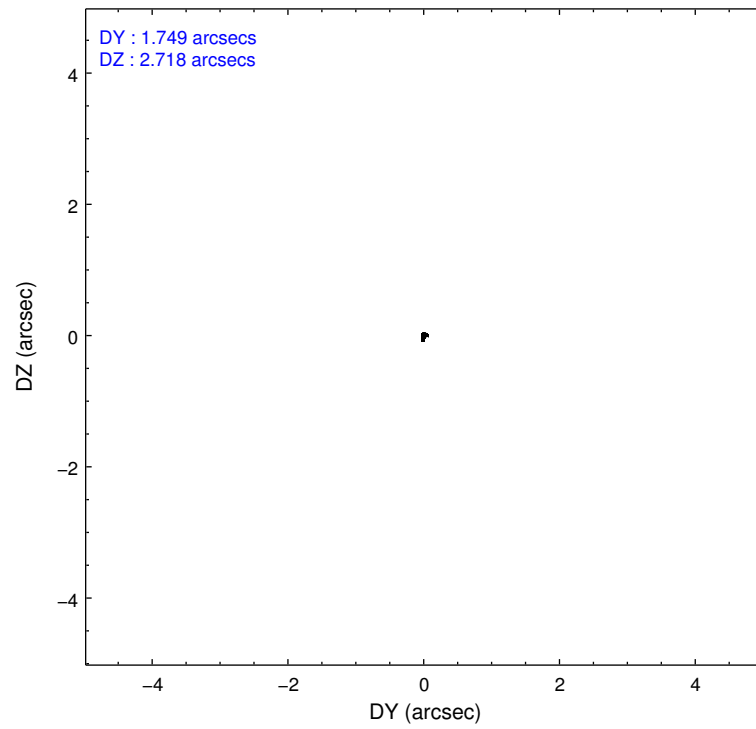
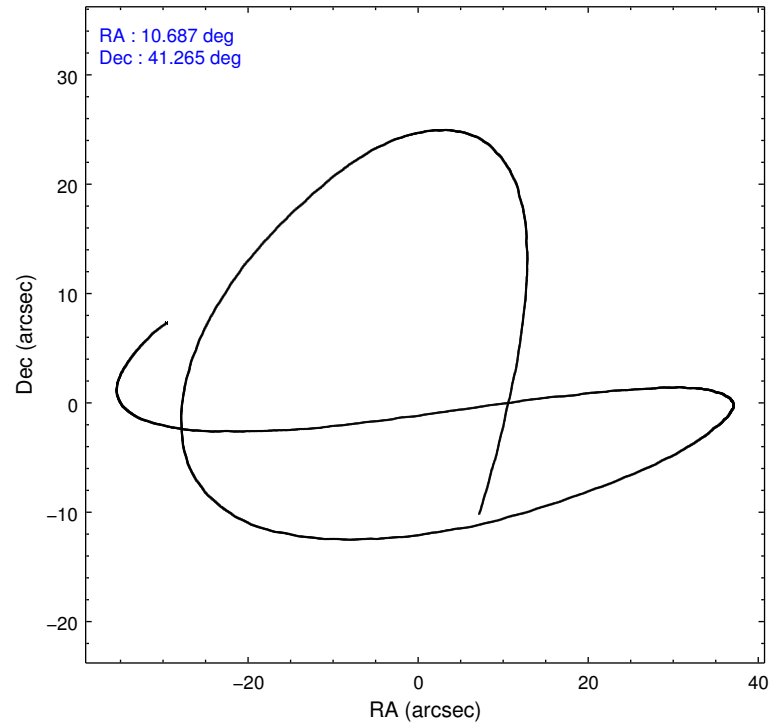
	segment 0
level 1 events	134504
rejected events	22620
rejected %	16%

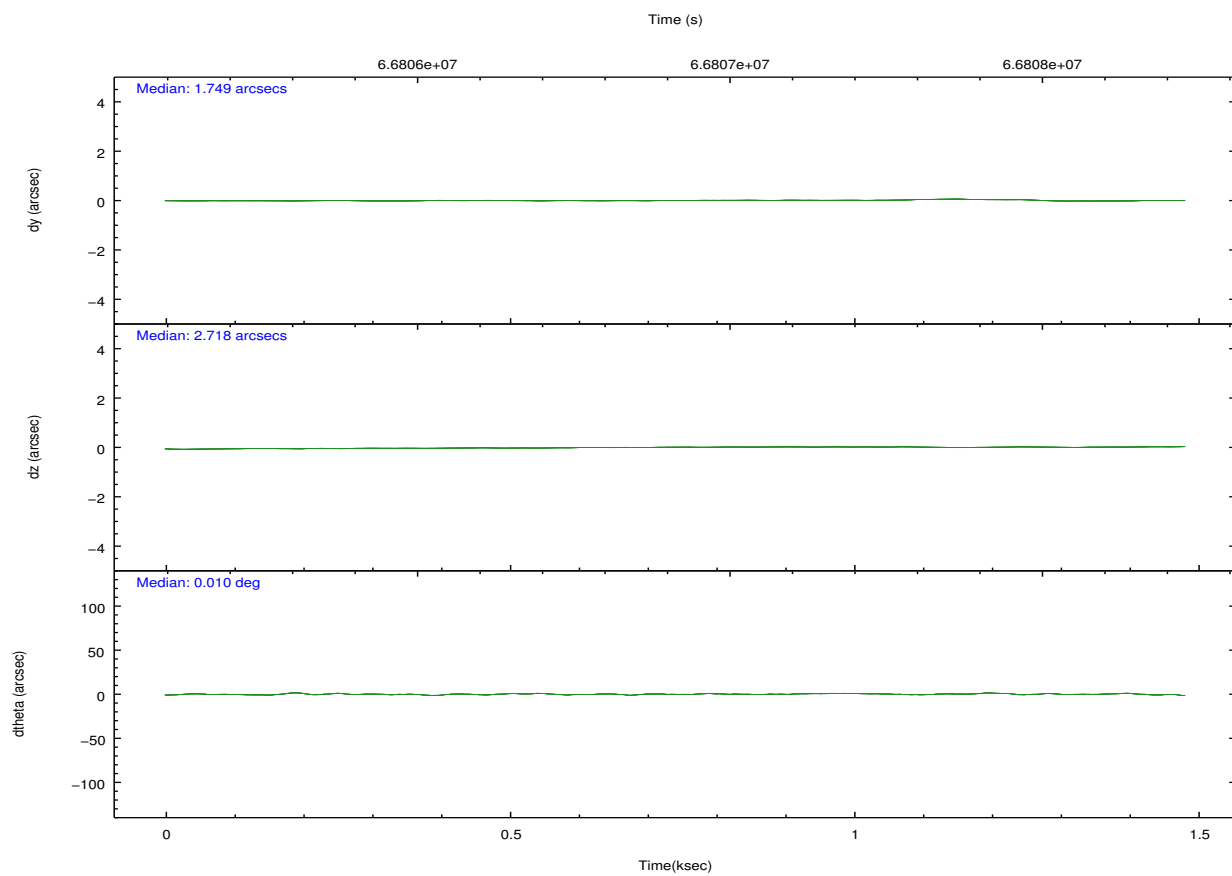
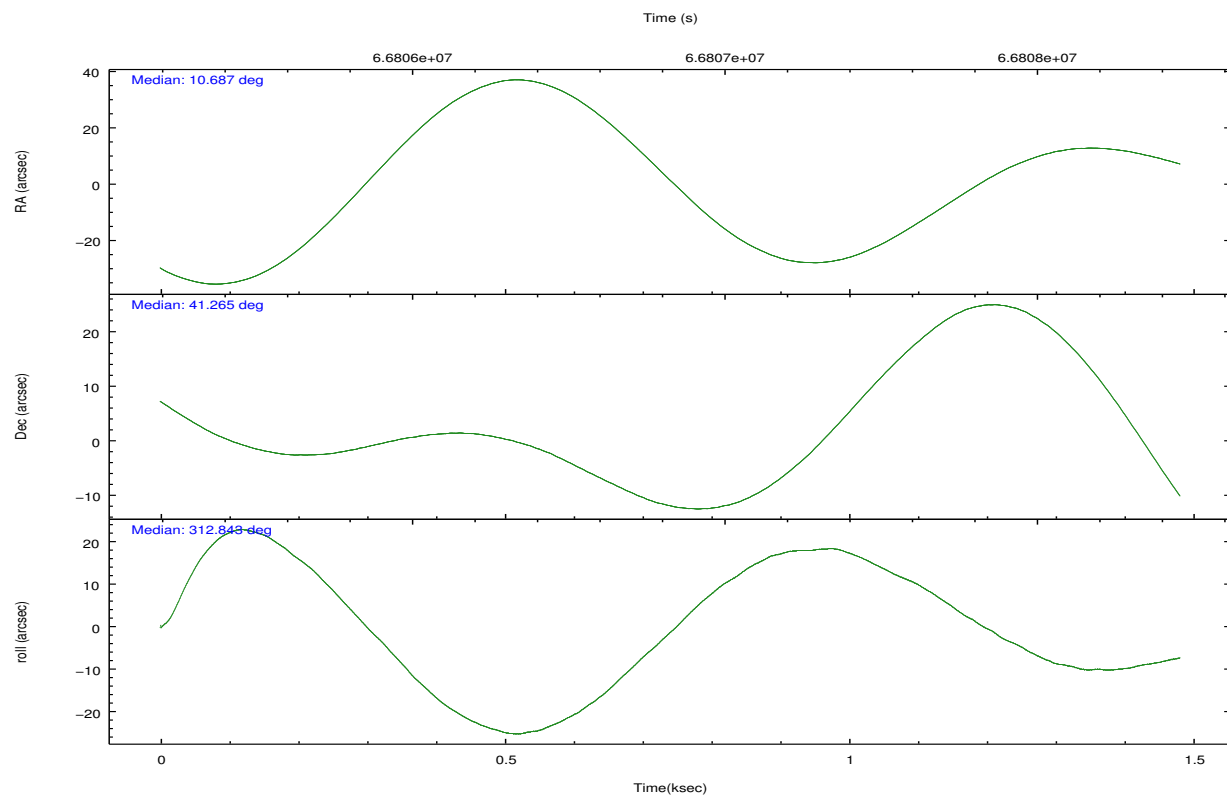
2.2 Compared Parameters

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	10.652215	10.6866621180858
[deg] Pointing Dec	41.272453	41.26512665409425
[deg] Pointing Roll	312.963740	312.8455056312151
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	66806652.184000	66805986.433628
Observation start date	2000-02-13T05:23:08	2000-02-13T05:13:06
[s] Observation end time (MET)	66807652.184000	66807786.333693
Observation end date	2000-02-13T05:39:48	2000-02-13T05:43:06

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

2.3 Aspect



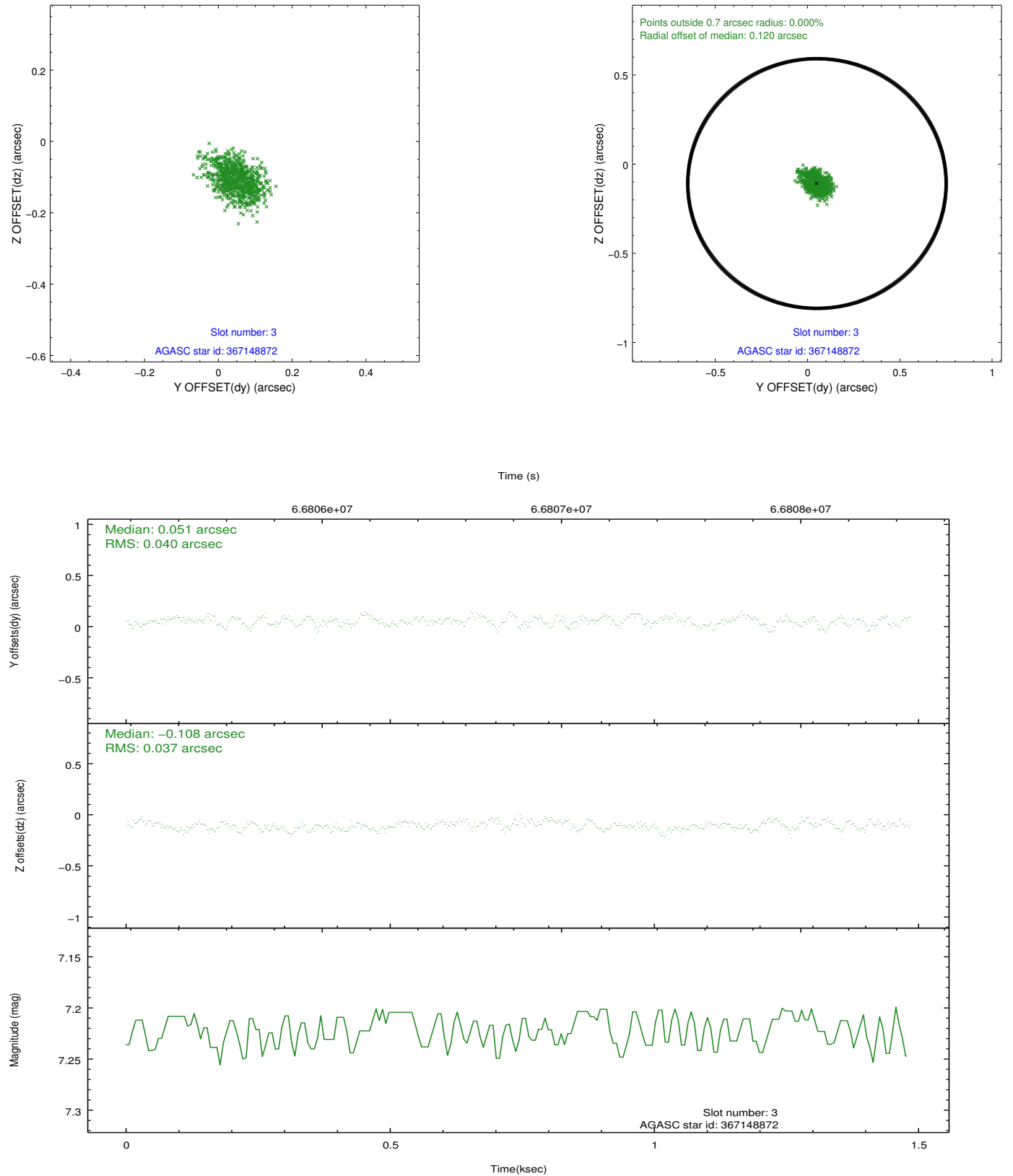


Slot Statistics

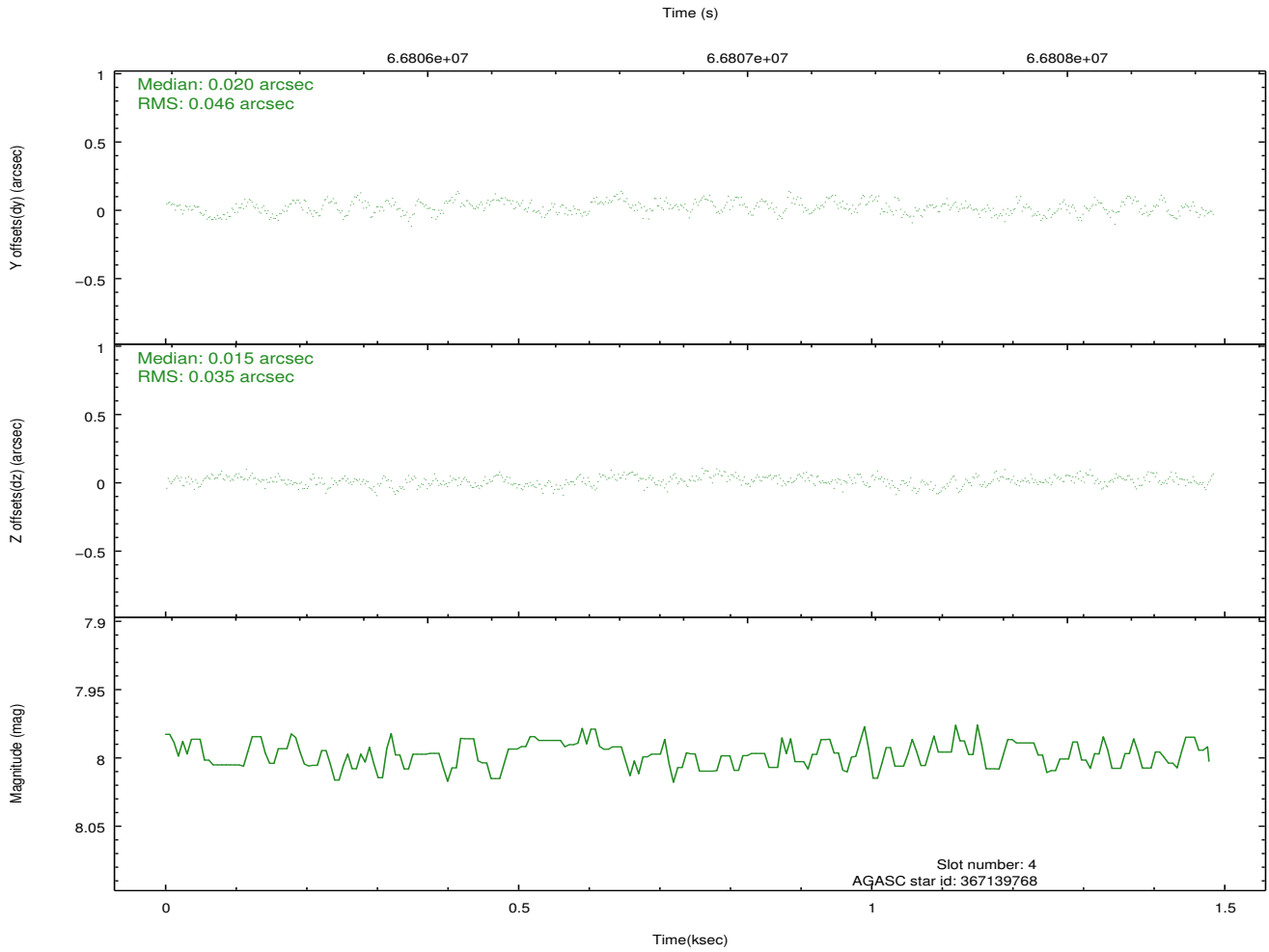
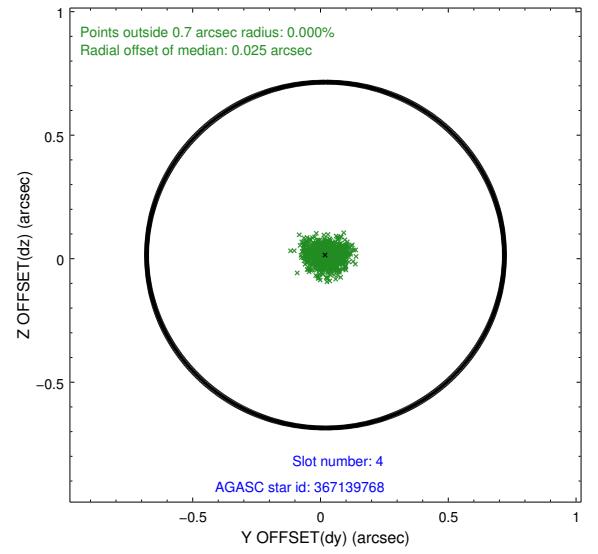
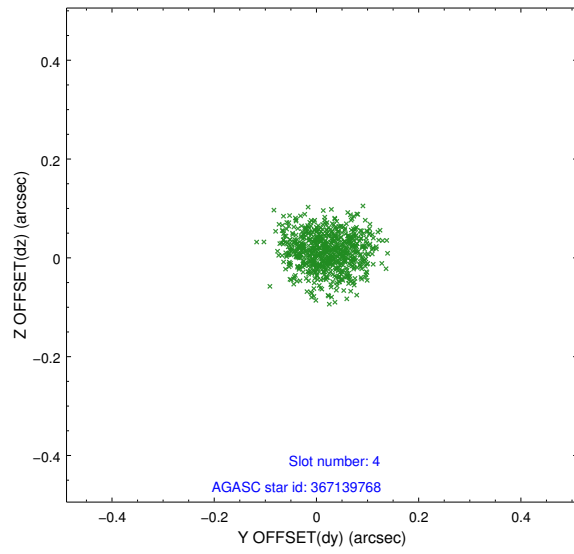
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	362	0.050	0.003	0.005	0.010	0.000000	0.000000	-757.18	-1290.46
1	FID	HRC-I-2	6.99	362	0.057	-0.048	0.006	0.011	0.000000	0.000000	853.36	-1295.68
2	FID	HRC-I-4	6.98	362	0.009	-0.047	0.005	0.009	0.000000	0.000000	1287.99	1008.03
3	GUIDE	367148872	7.22	724	0.051	-0.108	0.058	0.093	10.505940	40.688258	1268.91	-1726.12
4	GUIDE	367139768	8.00	724	0.020	0.015	0.063	0.095	11.069715	40.685175	2325.85	-608.01
5	GUIDE	367671800	9.41	722	-0.099	0.083	0.102	0.159	10.554735	41.964935	-1997.11	1506.66
6	GUIDE	367657896	9.02	723	0.077	0.041	0.070	0.115	11.197765	41.313576	893.03	1185.02
7	GUIDE	367665472	9.48	722	-0.063	-0.036	0.089	0.138	10.241611	41.730843	-1958.04	320.02

2.4 Star Slots

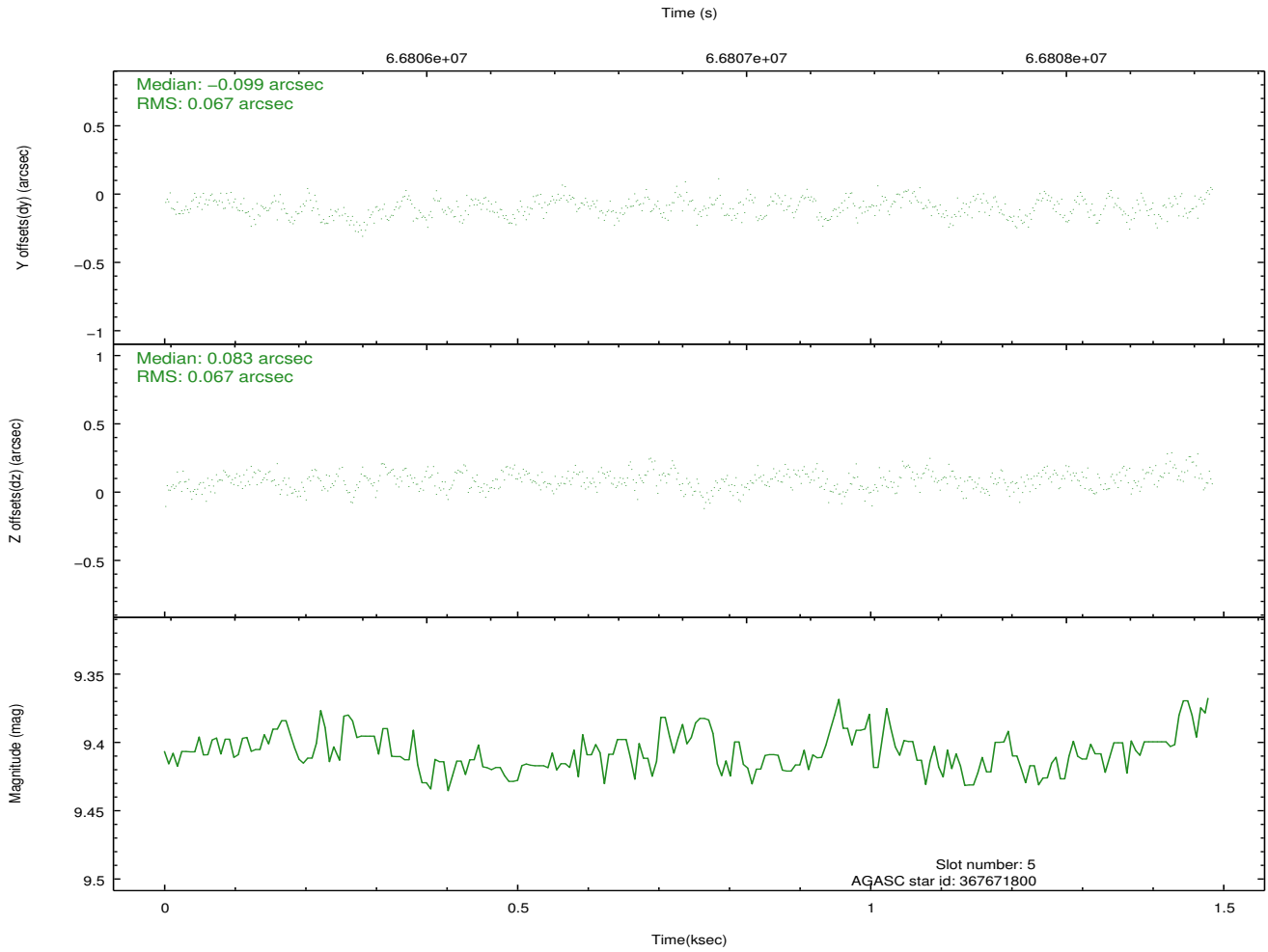
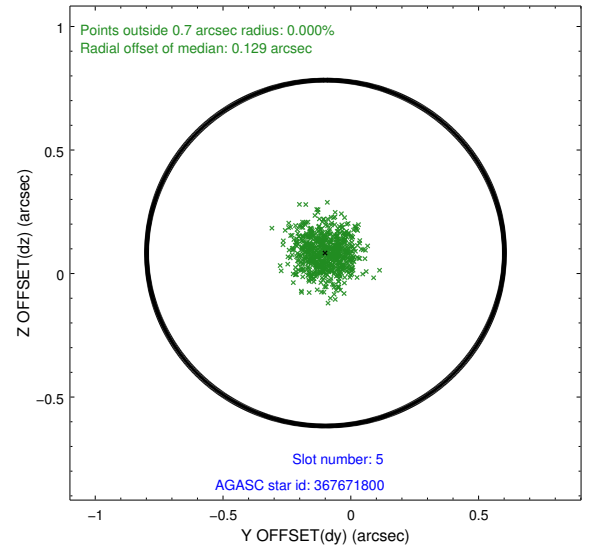
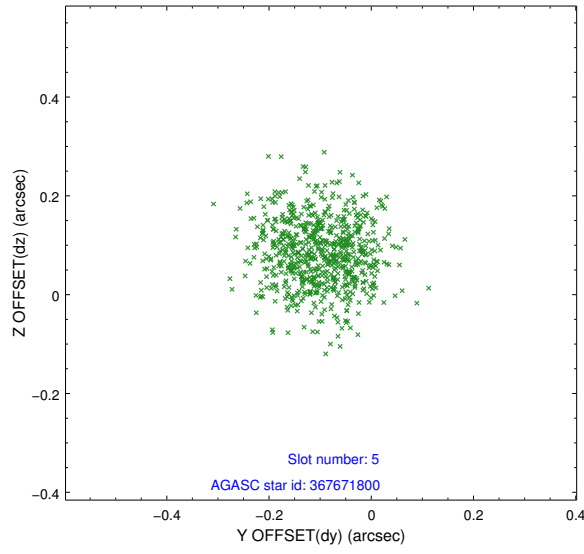
2.4.1 Slot 3



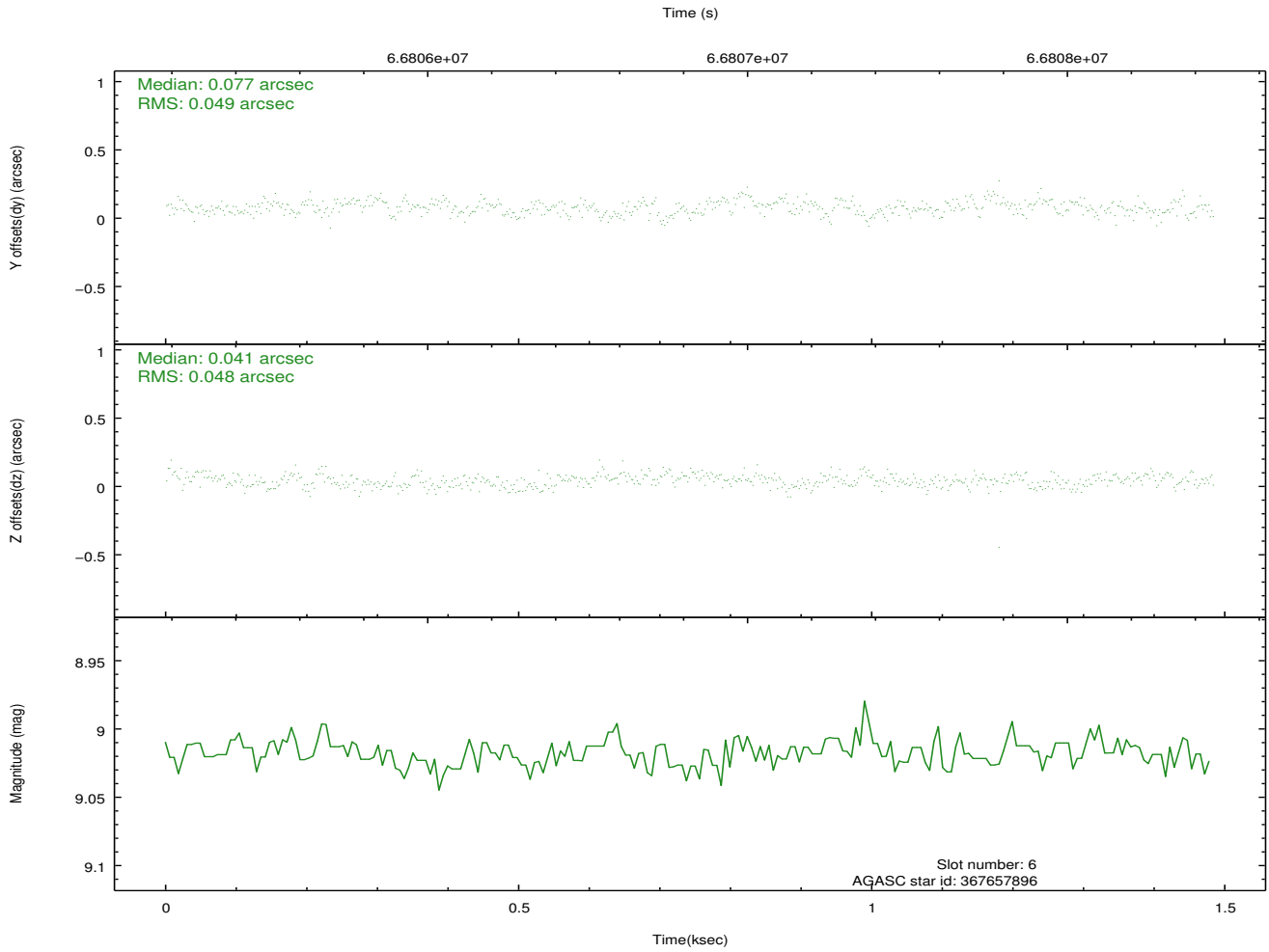
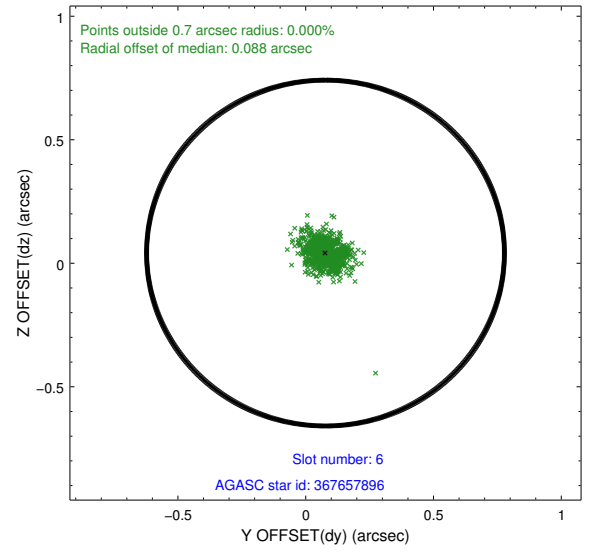
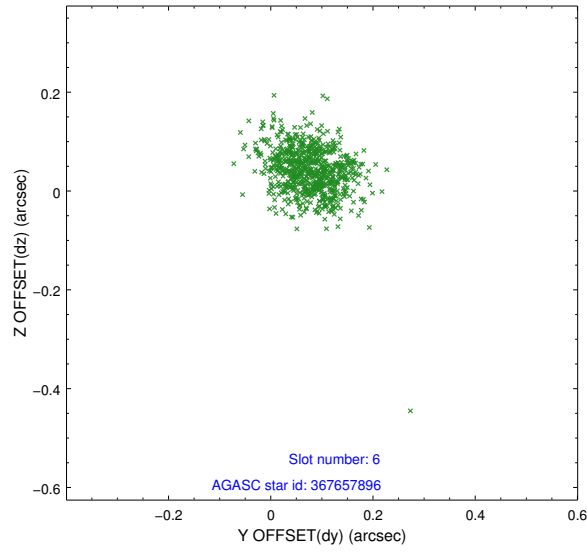
2.4.2 Slot 4



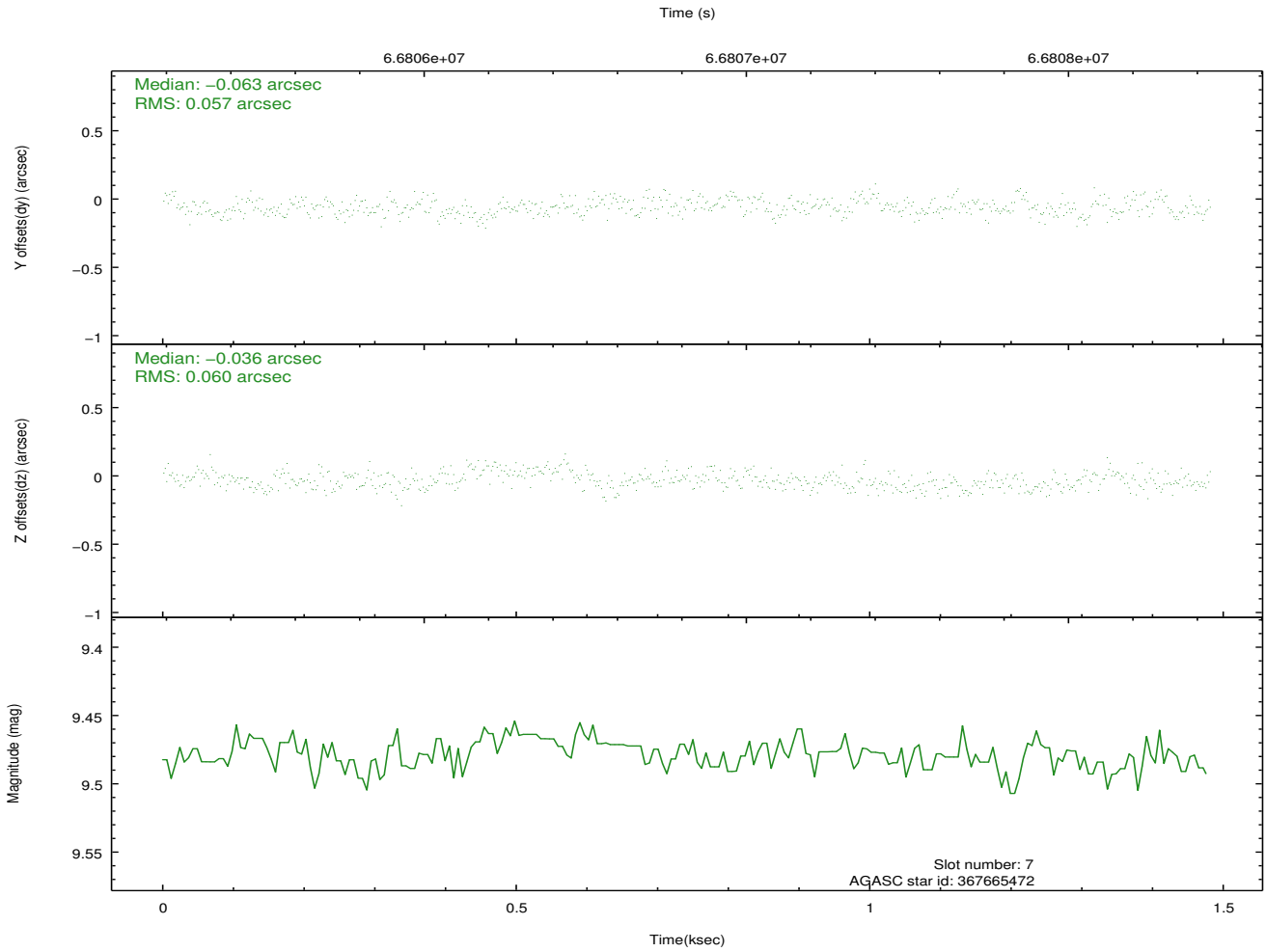
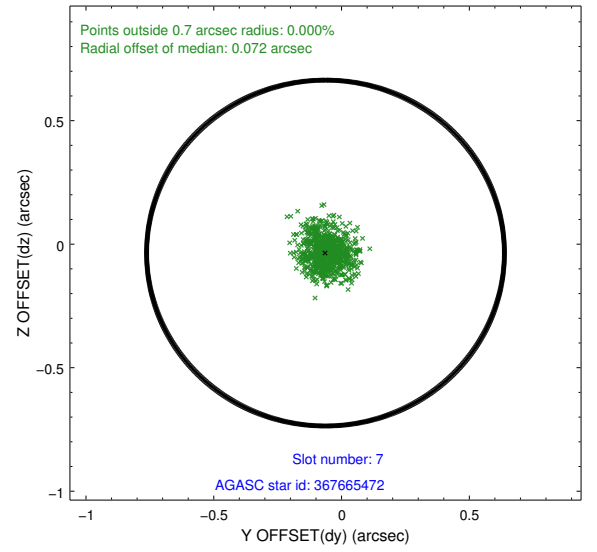
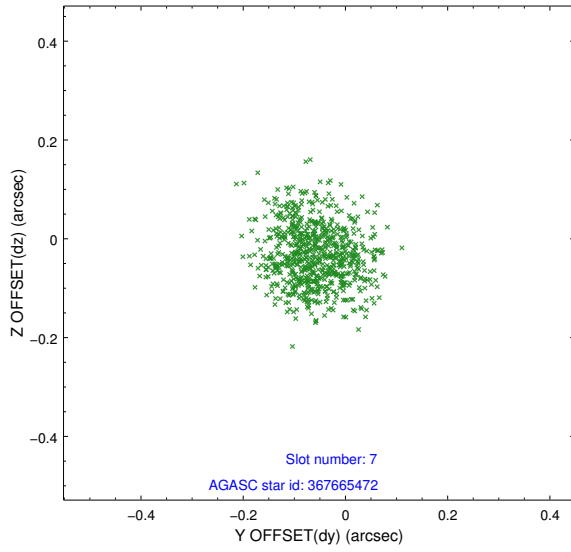
2.4.3 Slot 5



2.4.4 Slot 6

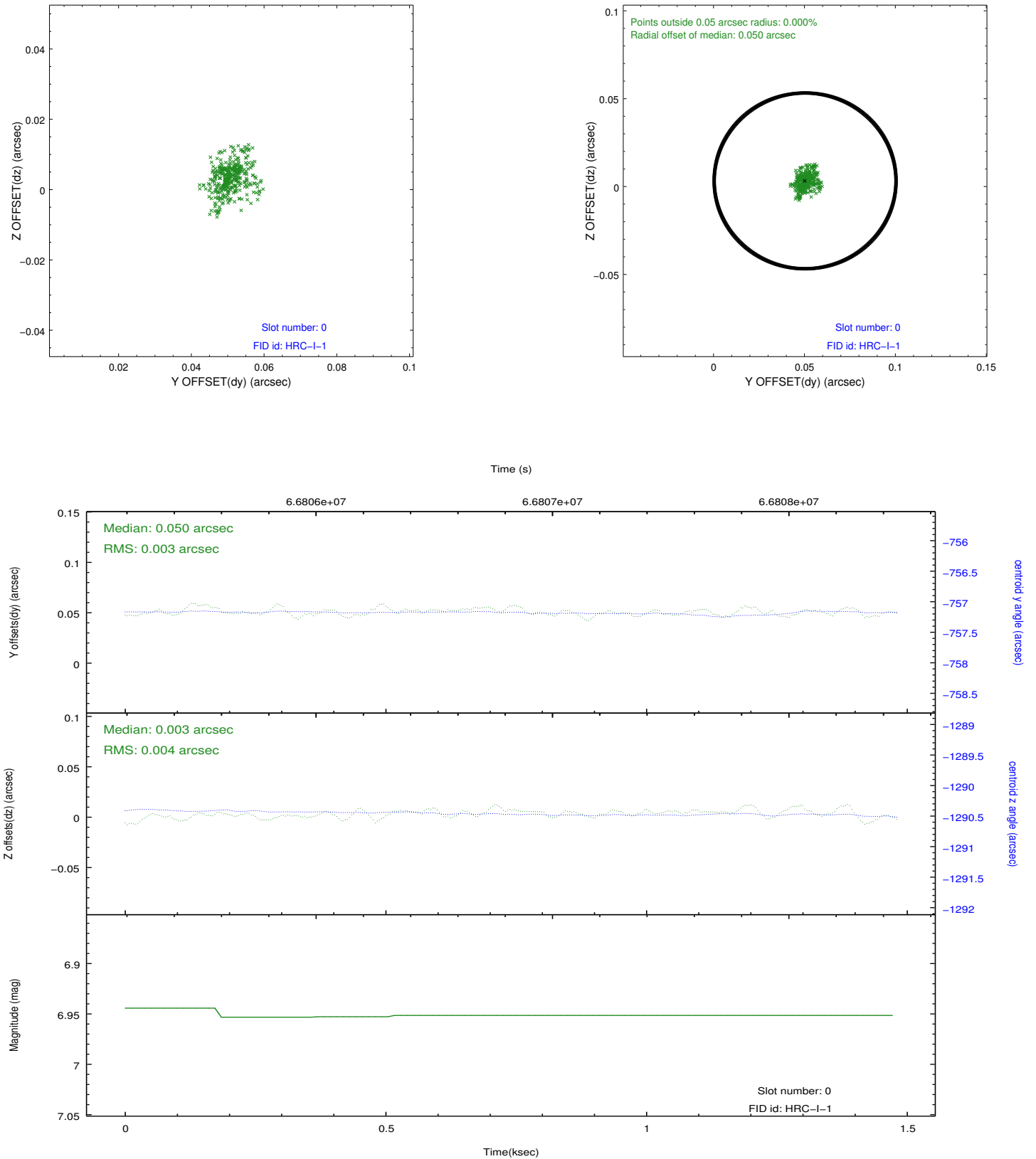


2.4.5 Slot 7

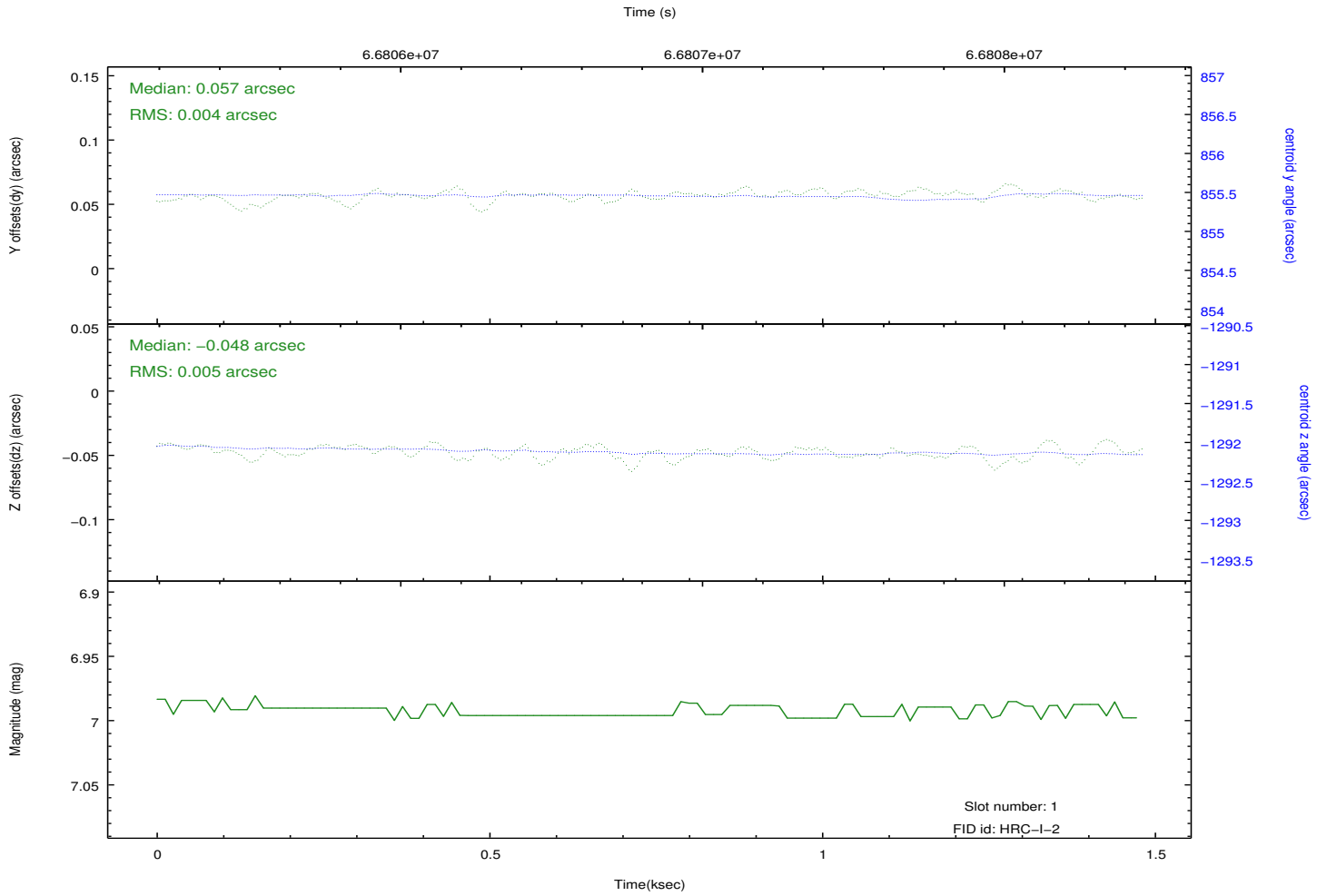
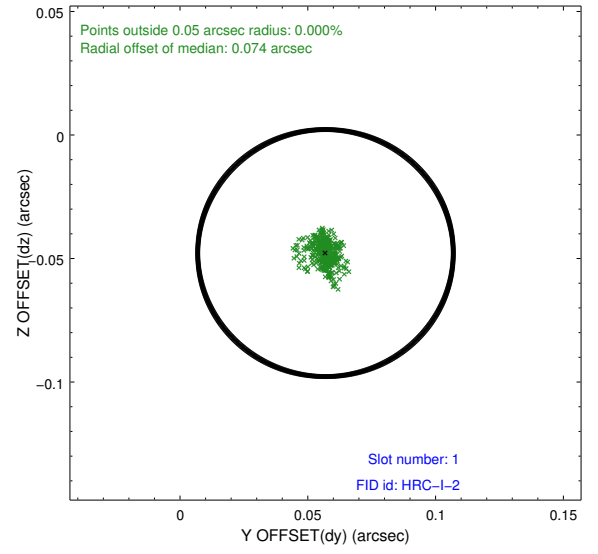
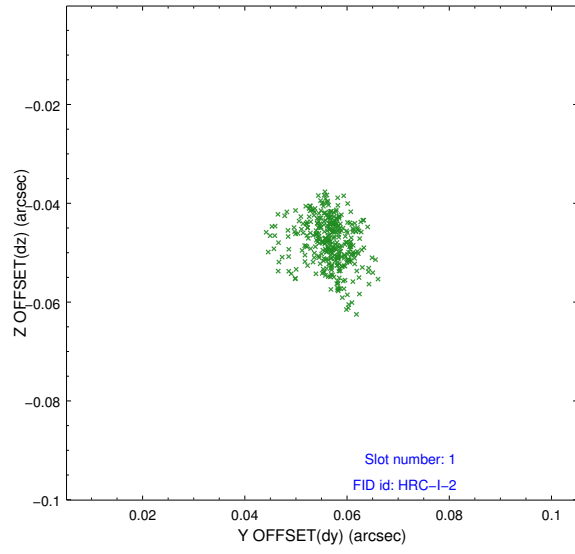


2.5 FID Slots

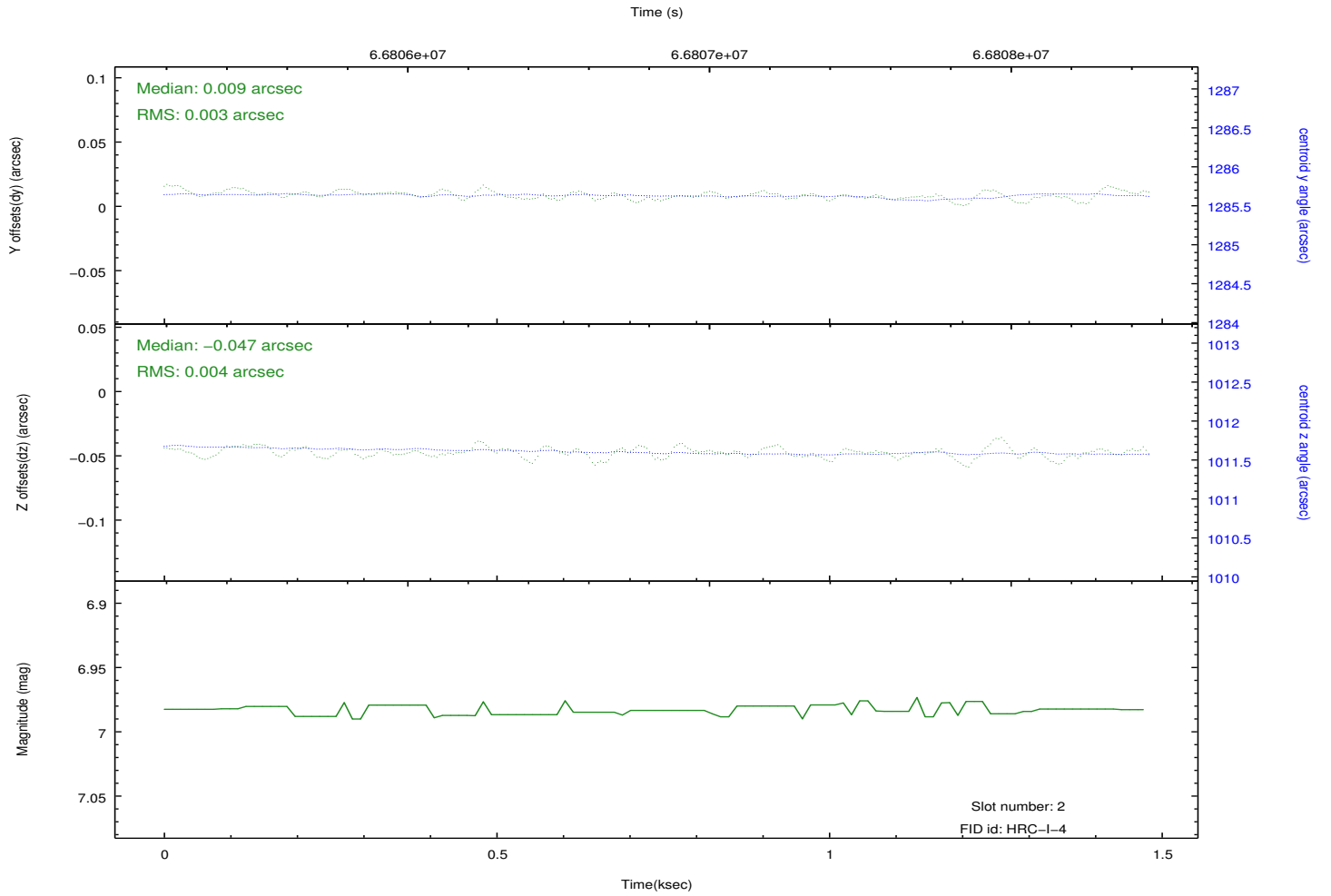
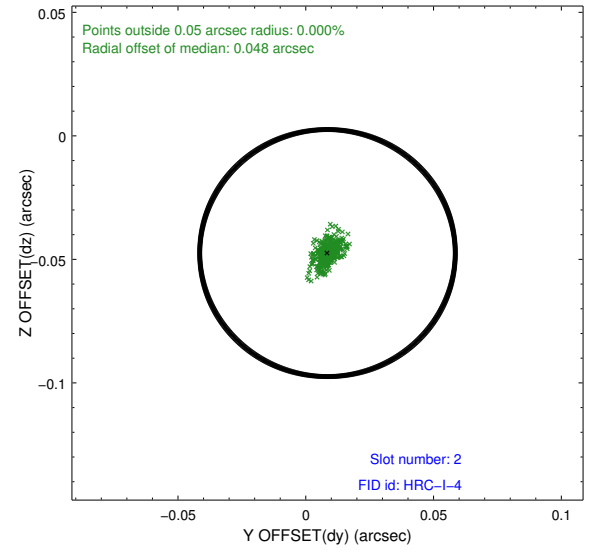
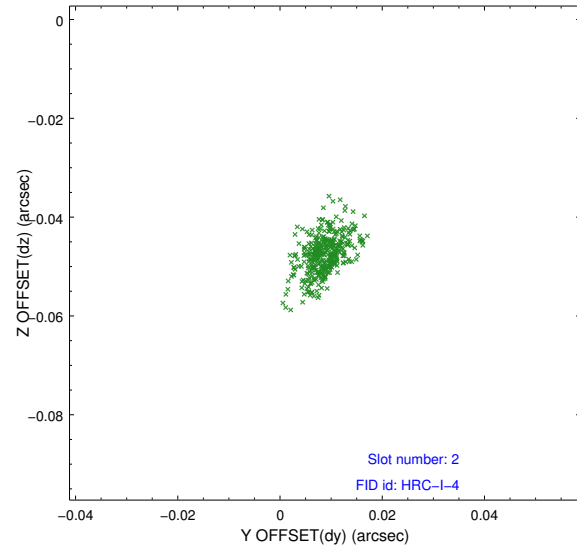
2.5.1 Slot 0



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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.481

A.2 Comments