

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 301 - L2 Version 6
Chandra X-Ray Center

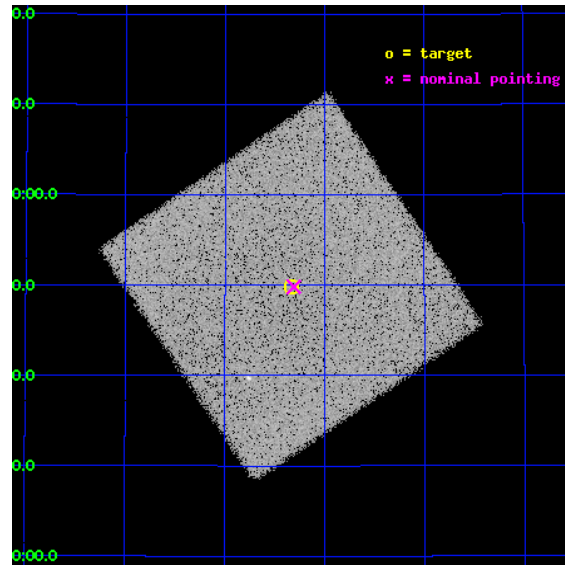
L2 Processing Date : Sep 2 2012

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1 Front

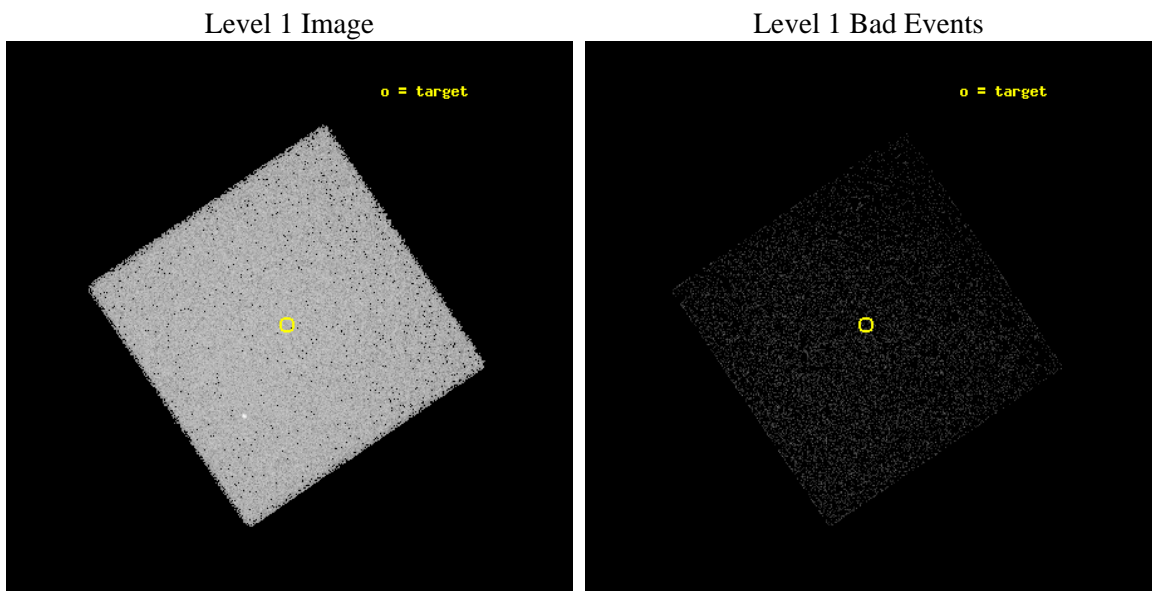
seq_num	600061	Sequence number
obs_id	301	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - North 2	Source name
ra_targ	11.333333	Observer's specified target RA [deg]
dec_targ	41.829722	Observer's specified target Dec [deg]
ra_nom	11.327003485422	Nominal RA [deg]
dec_nom	41.830474195504	Nominal Dec [deg]
roll_nom	190.93486627299	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1186.1812947989	[s]
livetime	1093.1683448918	Ontime multiplied by DTCOR
l2events	131233	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	994.372000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1186.1812947989	[s]
caldbver	4.5.1.1	 	l1events	234758	Number of level 1 events
date	2012-09-02T09:33:25	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

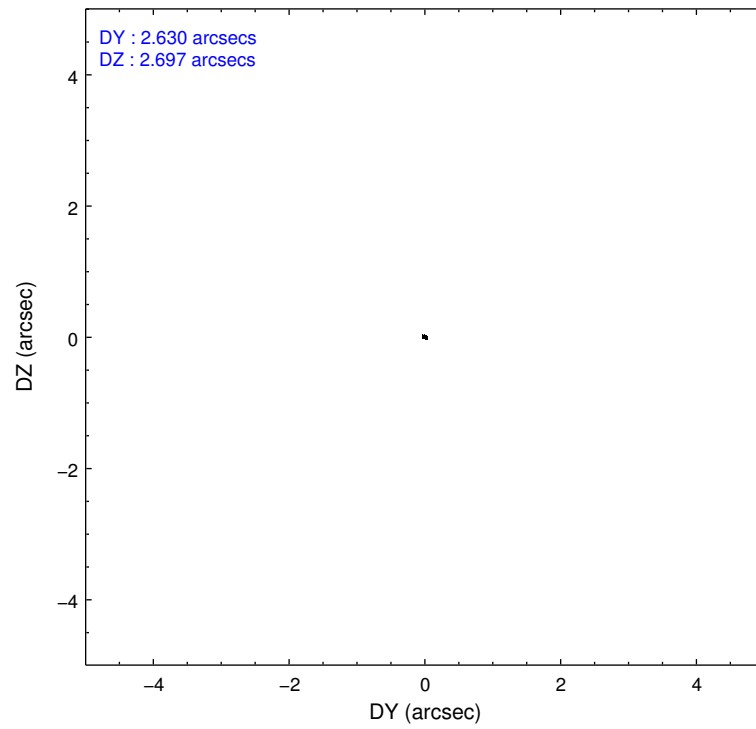
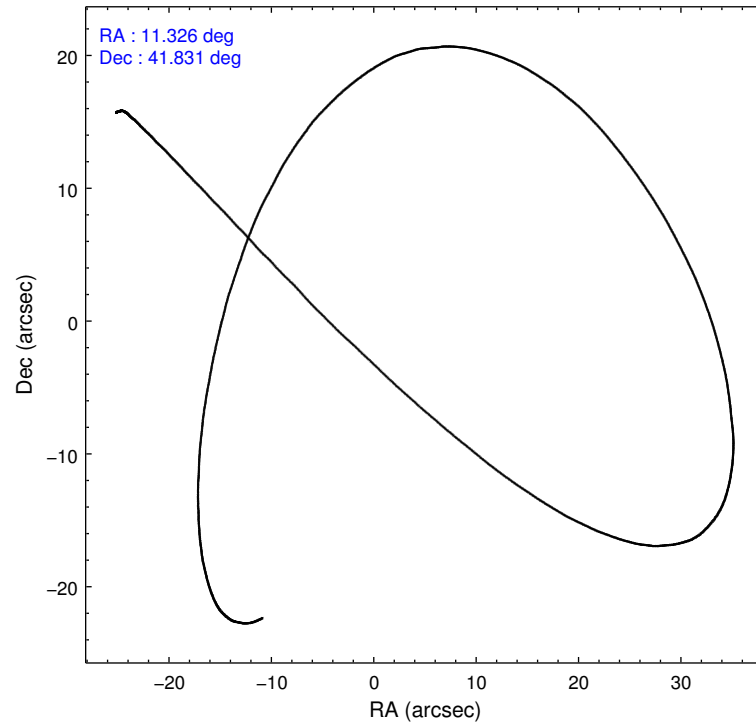
	segment 0
level 1 events	234758
rejected events	59483
rejected %	25%

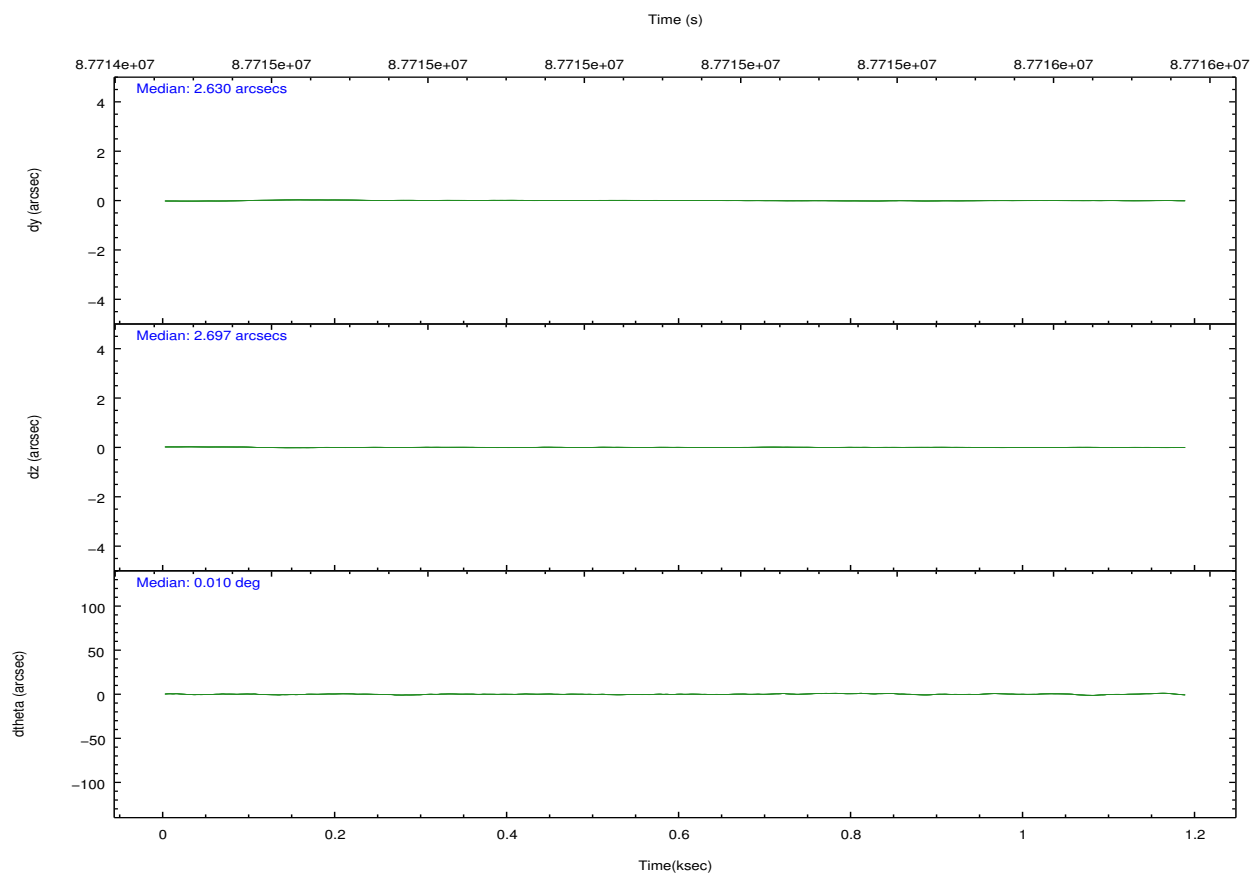
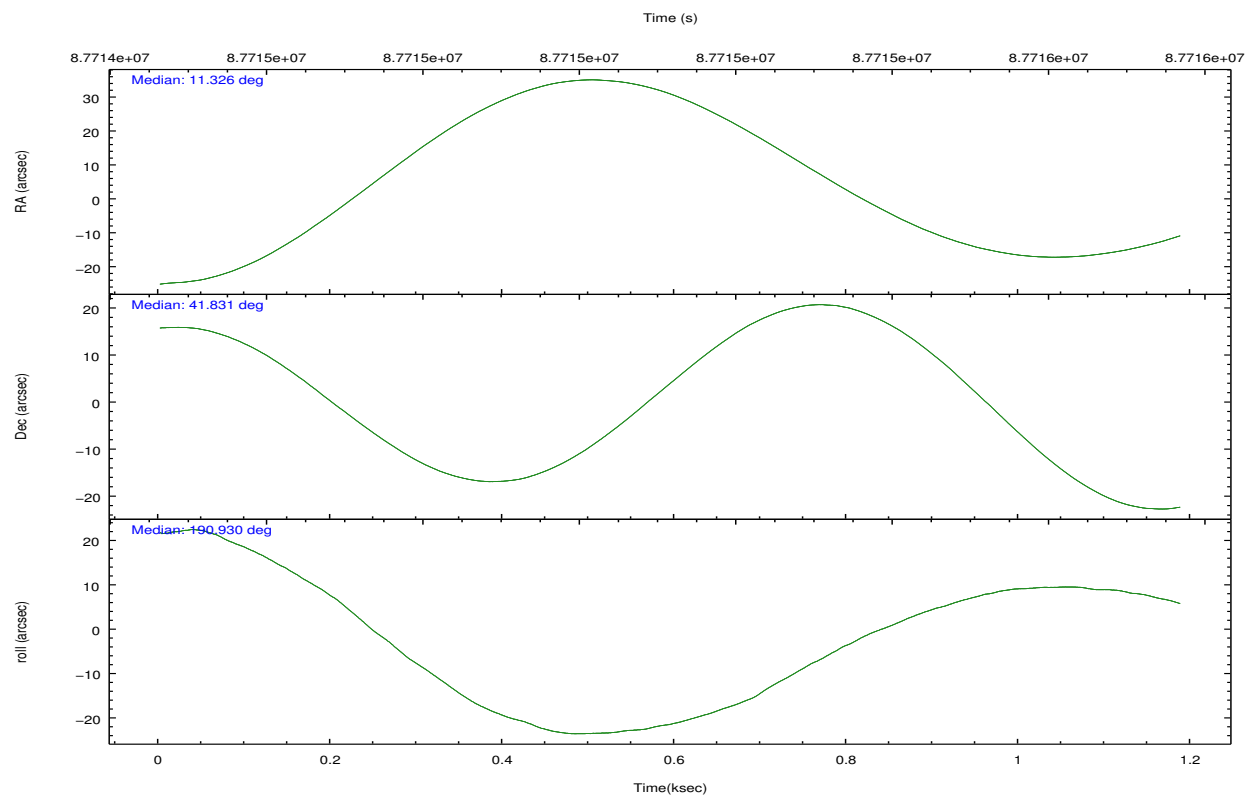
2.2 Compared Parameters

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	11.354780	11.32700348542173
[deg] Pointing Dec	41.848798	41.83047419550438
[deg] Pointing Roll	191.011790	190.934866272988
[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)	87714716.184000	87714340.085639
Observation start date	2000-10-12T05:10:52	2000-10-12T05:05:40
[s] Observation end time (MET)	87715710.184000	87716024.160703
Observation end date	2000-10-12T05:27:26	2000-10-12T05:33:44

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

2.3 Aspect



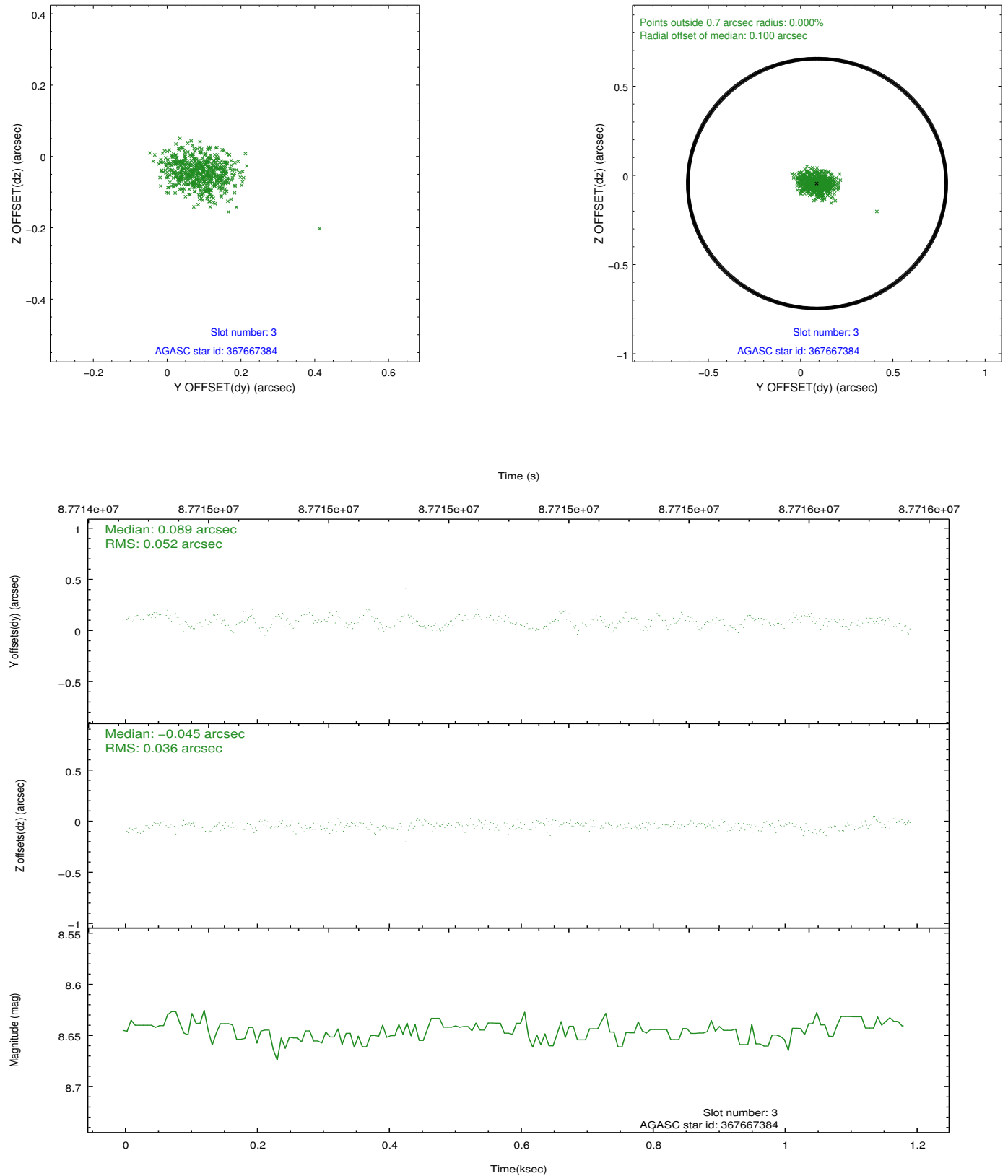


Slot Statistics

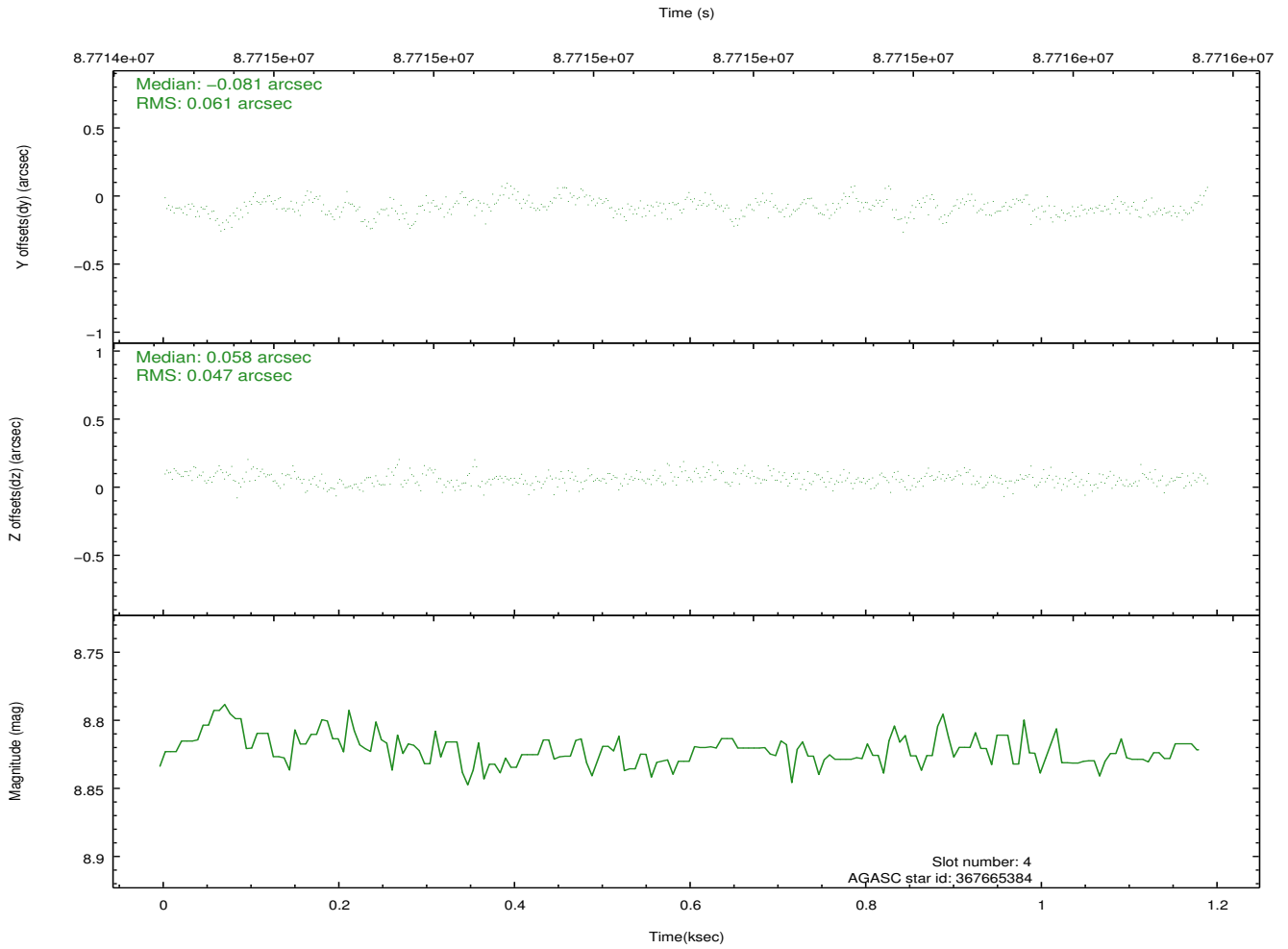
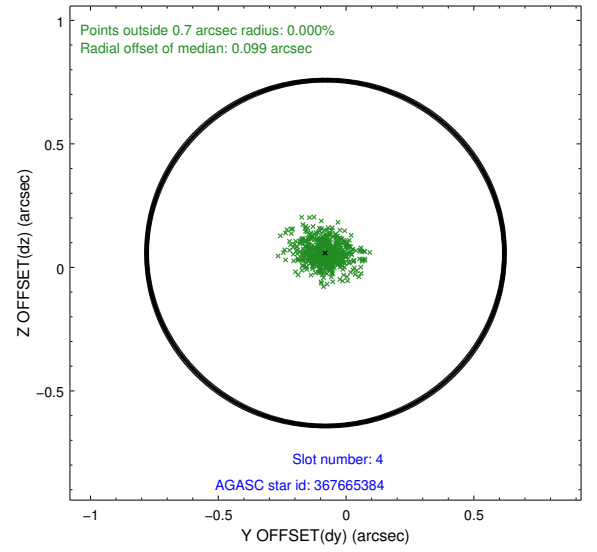
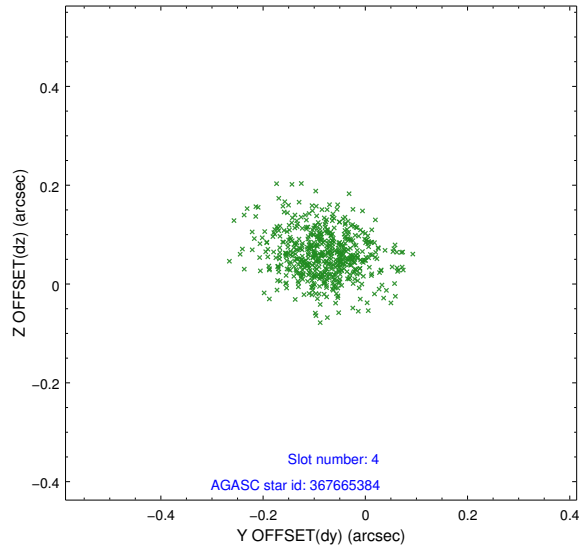
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	290	0.069	-0.002	0.006	0.011	0.000000	0.000000	-758.07	-1290.40
1	FID	HRC-I-3	7.07	290	-0.000	-0.022	0.007	0.011	0.000000	0.000000	-1189.17	1009.71
2	FID	HRC-I-4	7.00	290	0.045	-0.065	0.005	0.007	0.000000	0.000000	1280.67	1015.12
3	GUIDE	367667384	8.64	580	0.089	-0.045	0.067	0.106	12.077552	41.596878	-1740.75	1254.51
4	GUIDE	367665384	8.82	580	-0.081	0.058	0.079	0.141	10.414363	42.275730	2157.44	-1997.47
5	GUIDE	367674552	8.85	580	0.045	-0.013	0.073	0.120	11.016238	41.570845	1087.12	803.76
6	GUIDE	367657896	9.02	580	-0.057	-0.015	0.080	0.135	11.197765	41.313576	784.03	1812.12
7	GUIDE	367660528	9.55	579	0.011	-0.000	0.084	0.143	11.676845	42.311657	-1161.10	-1469.59

2.4 Star Slots

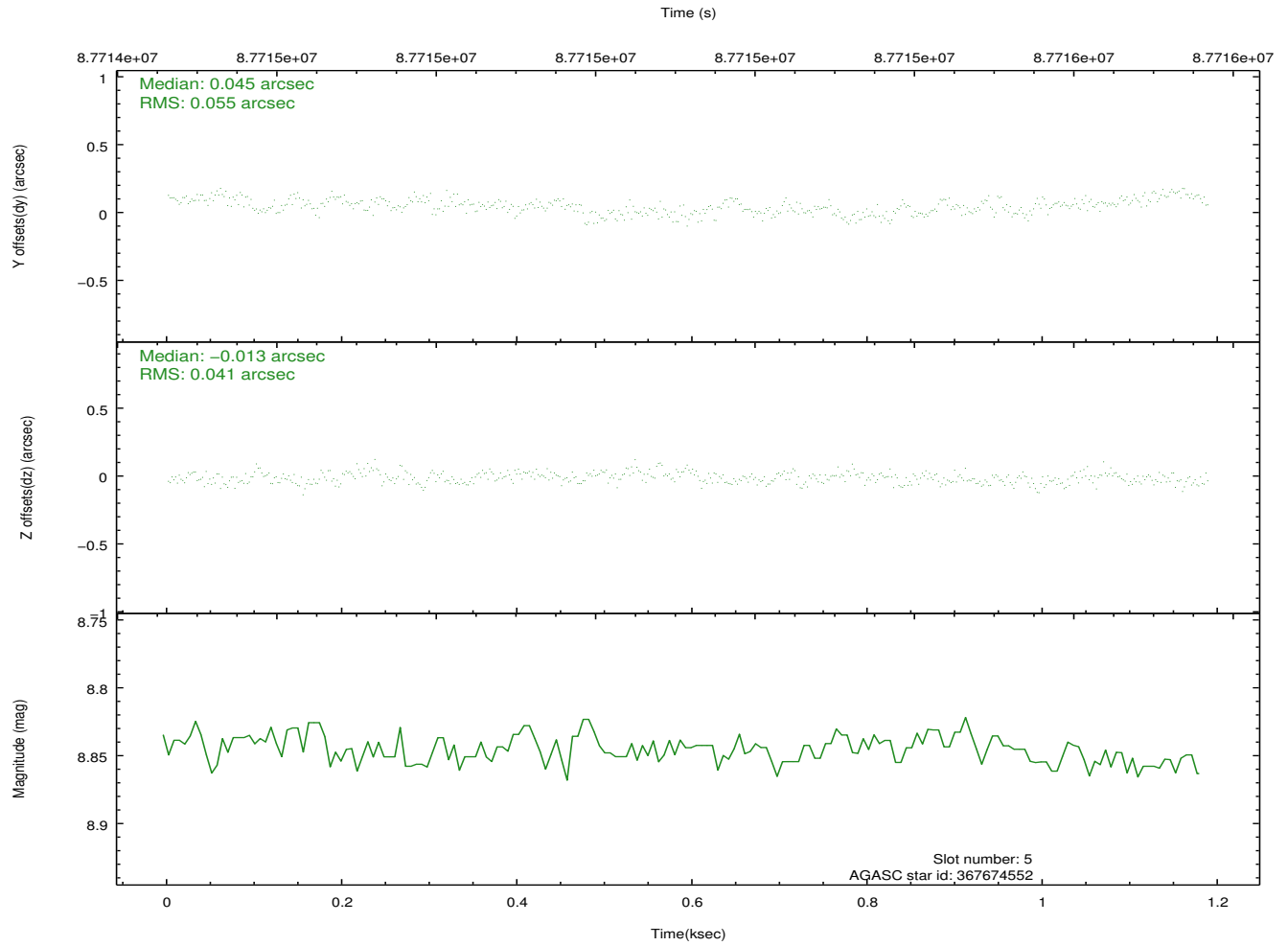
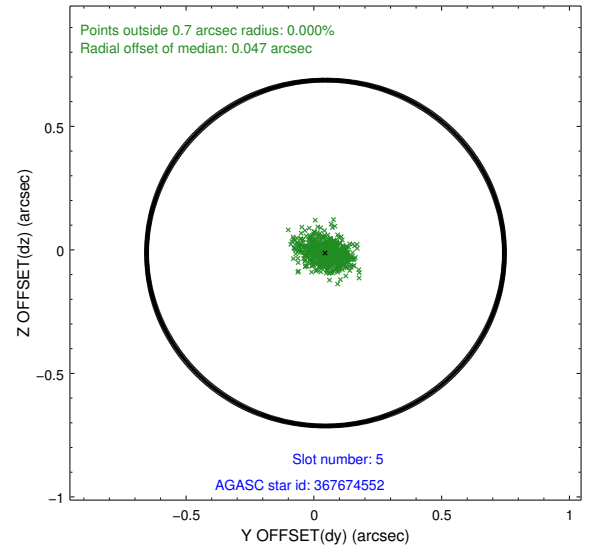
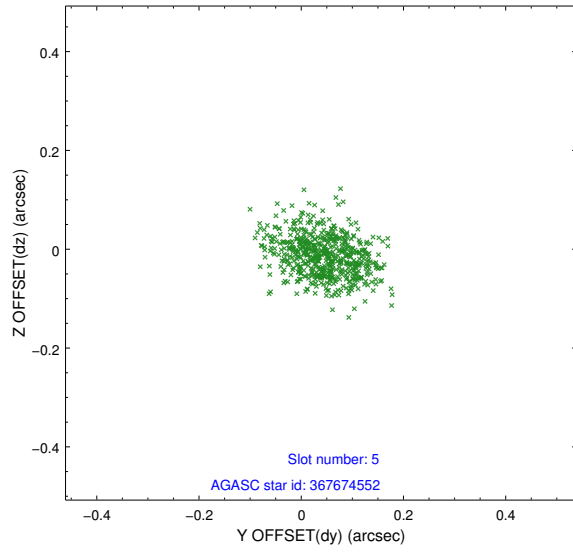
2.4.1 Slot 3



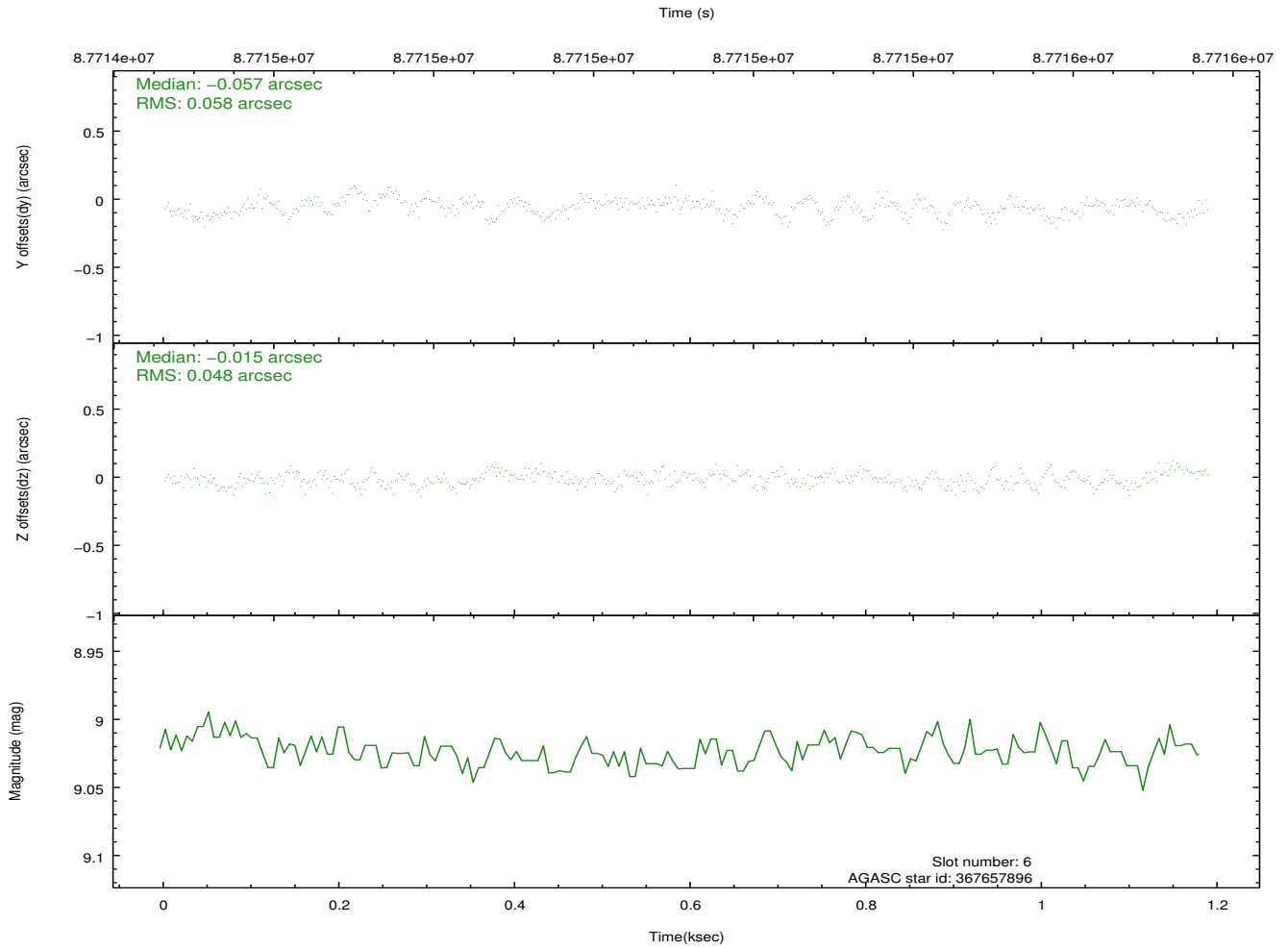
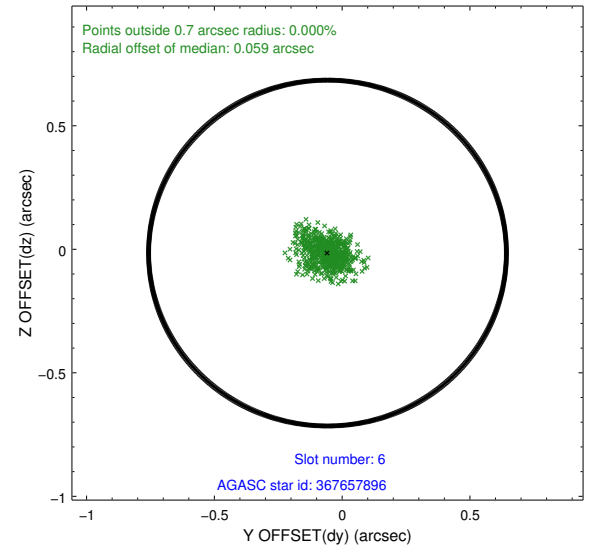
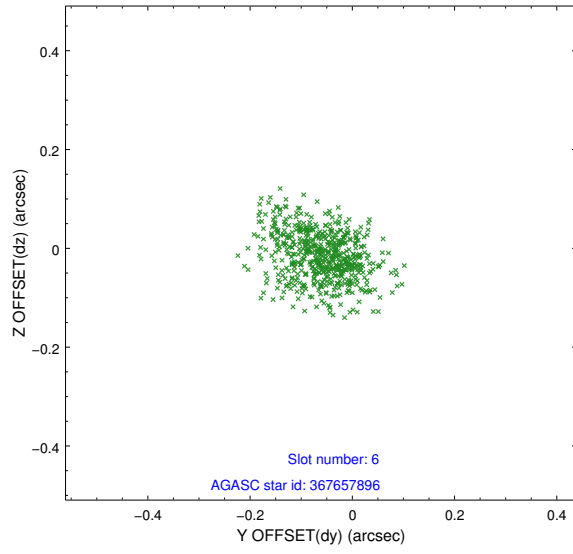
2.4.2 Slot 4



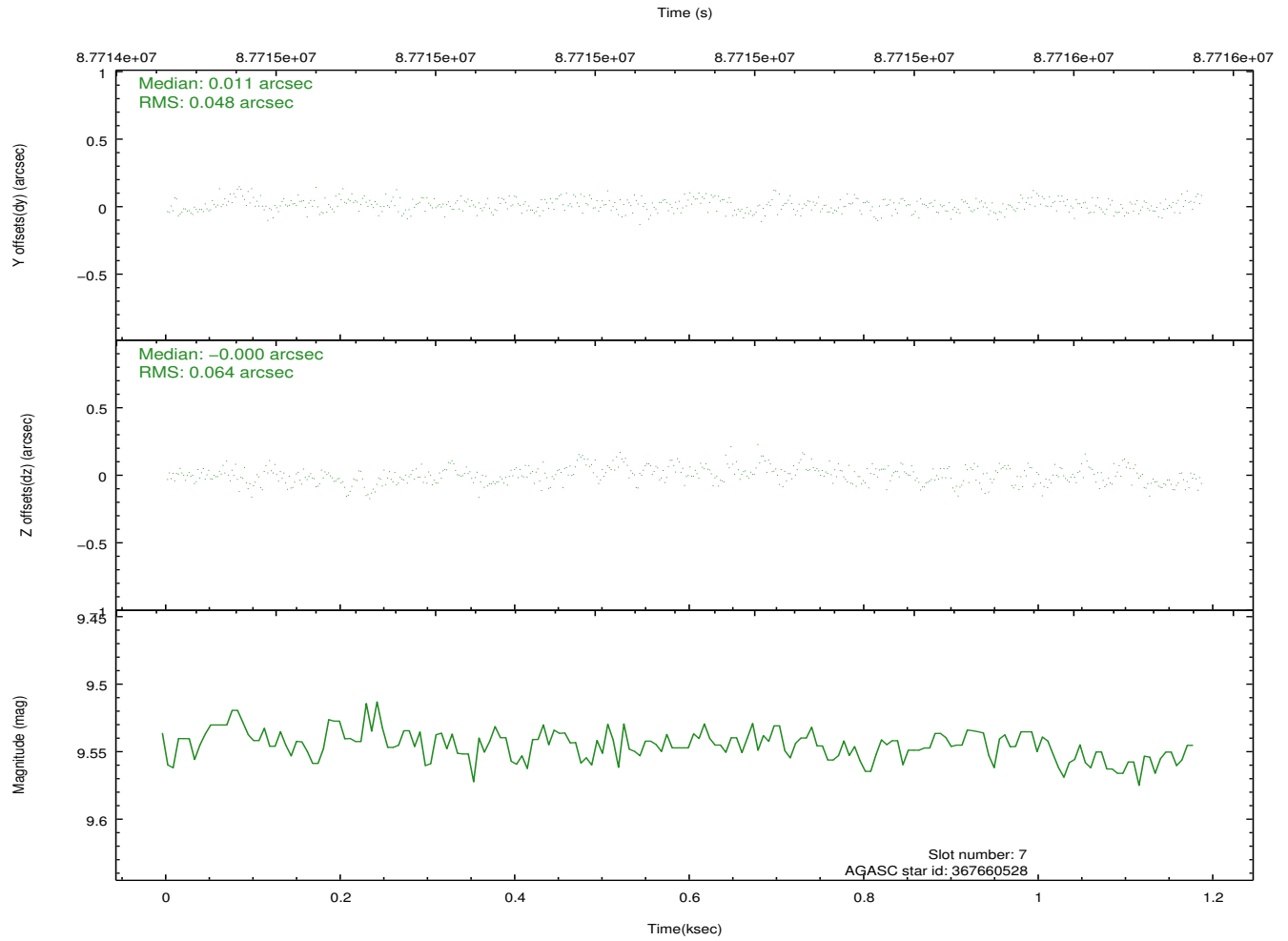
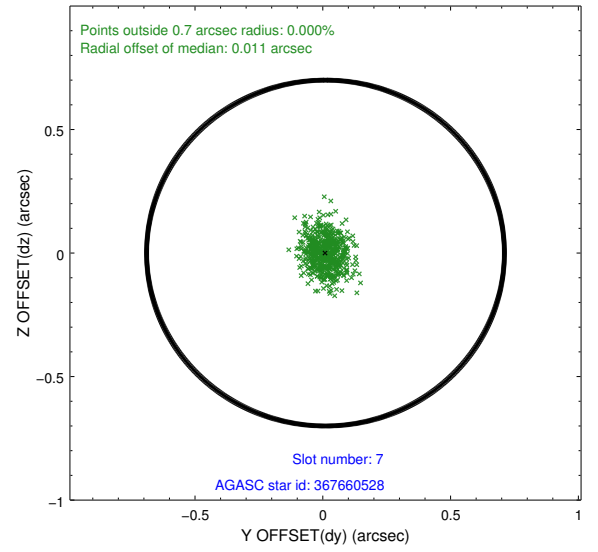
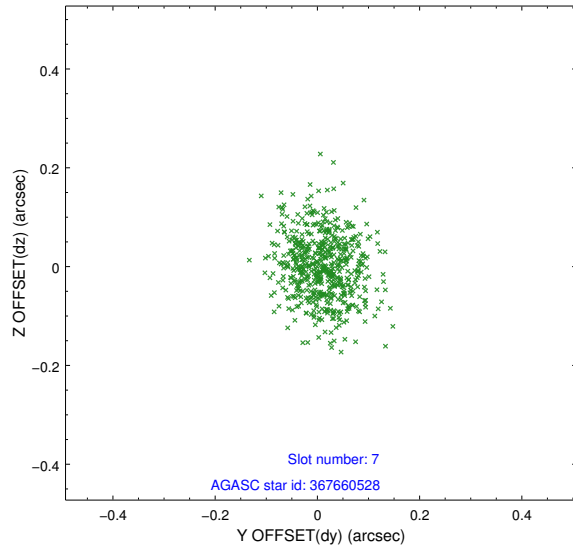
2.4.3 Slot 5



2.4.4 Slot 6

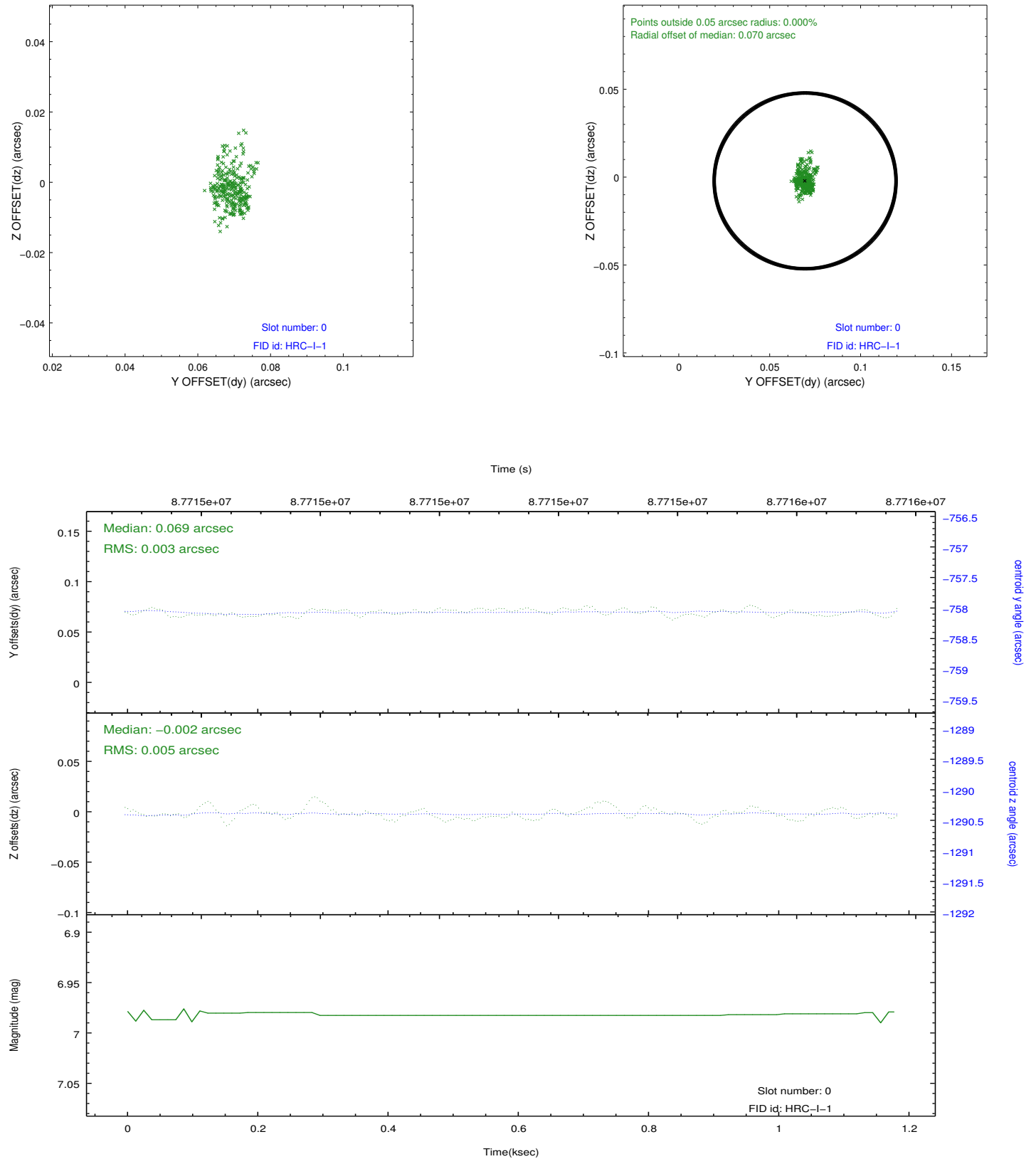


2.4.5 Slot 7

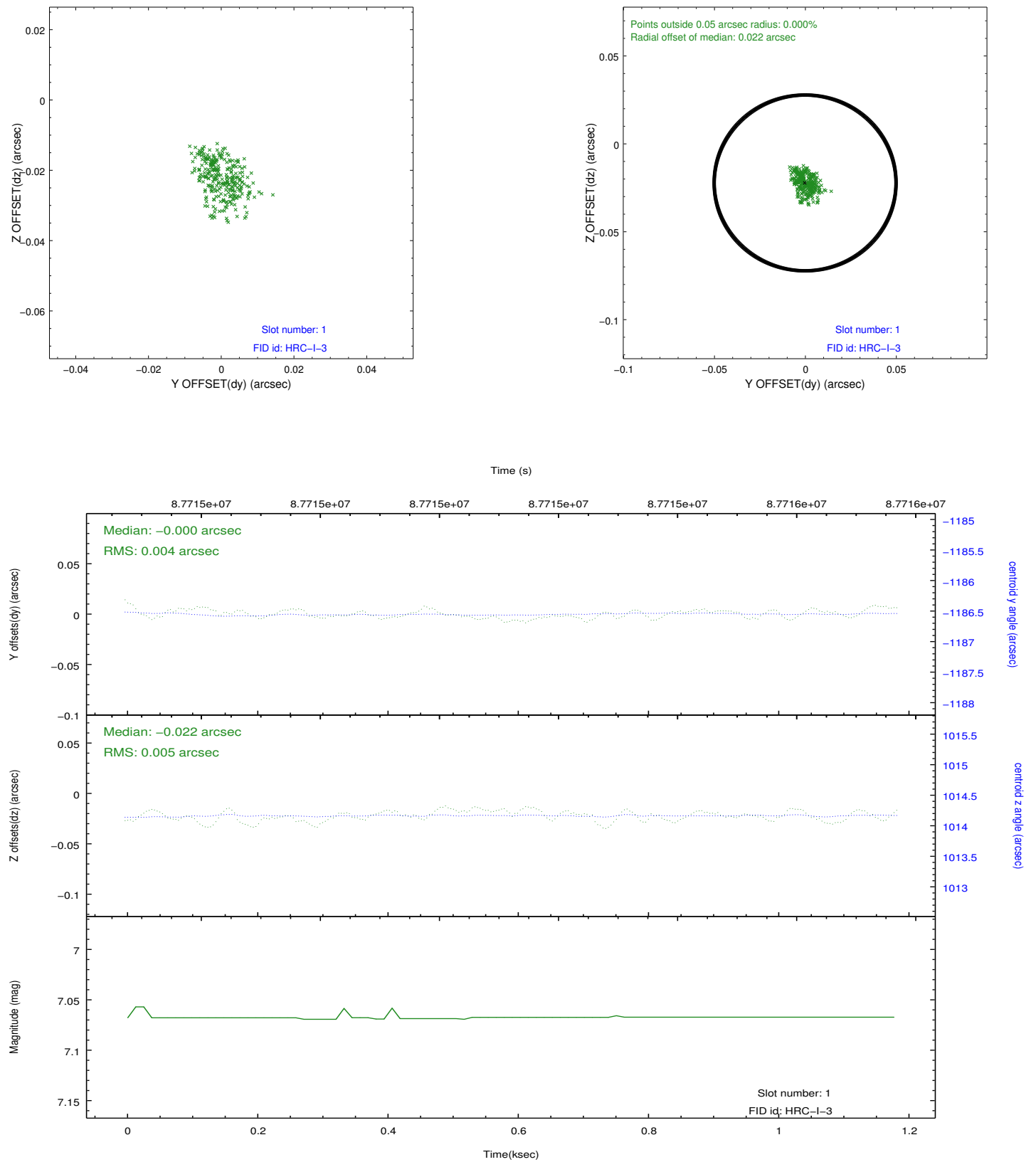


2.5 FID Slots

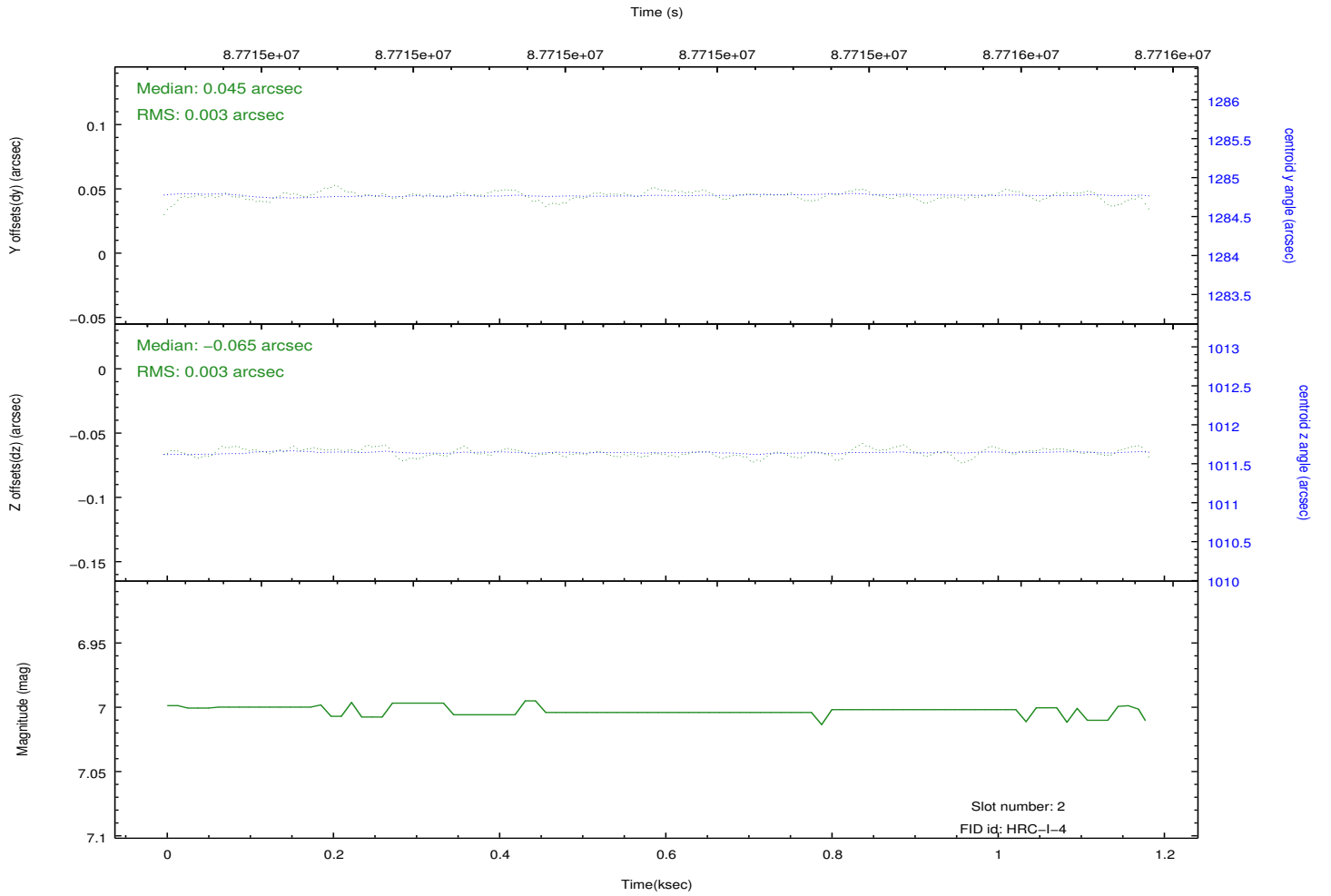
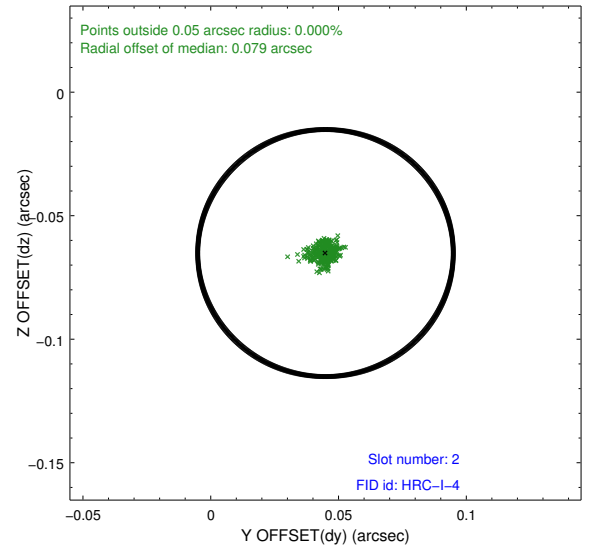
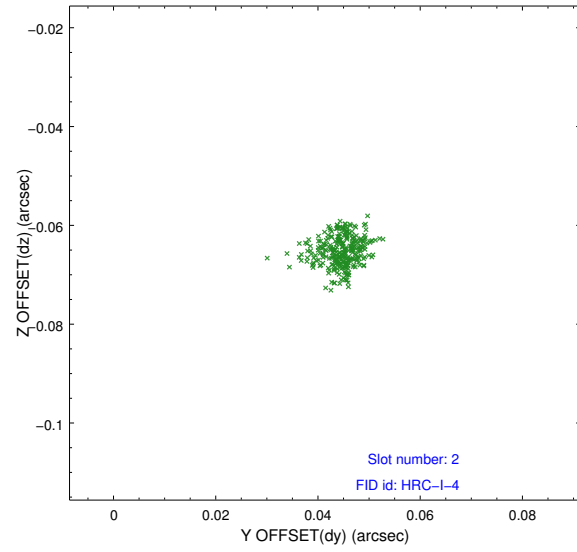
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.186

A.2 Comments