

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6182 - L2 Version 4
Chandra X-Ray Center

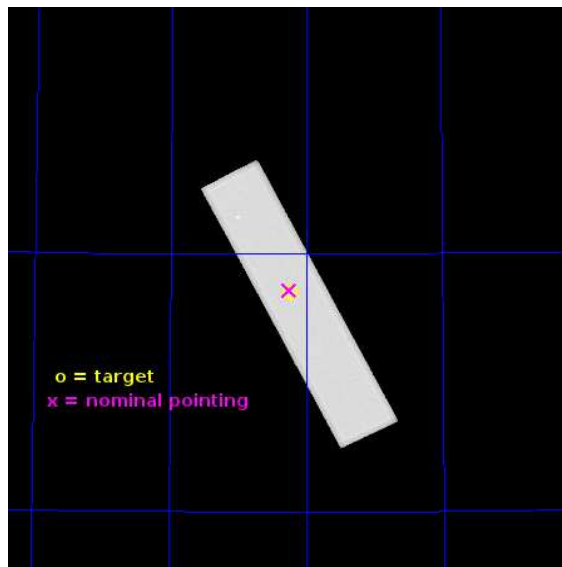
L2 Processing Date : Jun 28 2013

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1 Front

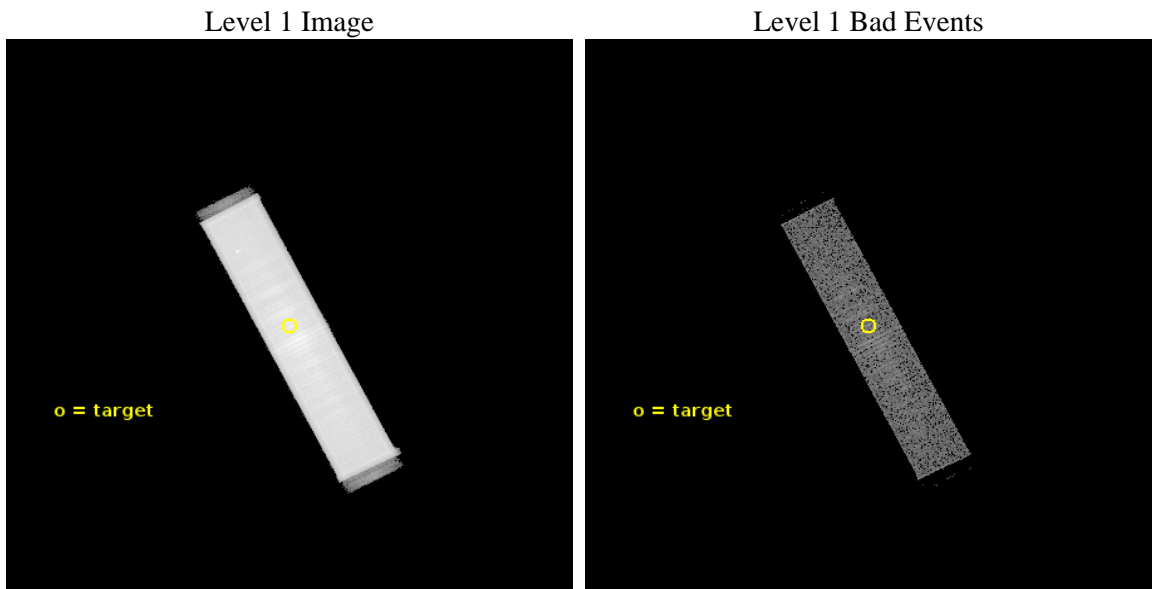
seq_num	500431	Sequence number
obs_id	6182	Observation id
title	THE NEXT GEMINGA: TAKING THE PULSE OF THE EGRET SOURCE 3EG J1835+5918	Proposal title
observer	Prof. Jules Halpern	Principal investigator
object	3EG J1835+5918	Source name
ra_targ	279.057083	Observer's specified target RA [deg]
dec_targ	59.425028	Observer's specified target Dec [deg]
ra_nom	279.06155272186	Nominal RA [deg]
dec_nom	59.429170771822	Nominal Dec [deg]
roll_nom	62.479858120976	Nominal Roll [deg]
revision	4	Processing version of data
ontime	45181.233296096	[s]
livetime	45016.493295253	Ontime multiplied by DTCOR
l2events	1629399	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	45000.000000	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	45181.233296096	[s]
caldsver	4.5.7	 	l1events	2506307	Number of level 1 events
date	2013-06-29T02:26:01	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

	segment 1	segment 2	segment 3
level 1 events	3324	25029785	
rejected events	126	101359	0
rejected %	3%	4%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.066777	279.0615527218603			
[deg] Pointing Dec	59.400643	59.42917077182233			
[deg] Pointing Roll	62.408029	62.47985812097588			
[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)	226007279.184000	226006117.39158			
Observation start date	2005-02-28T19:46:55	2005-02-28T19:28:37			
[s] Observation end time (MET)	226052279.184000	226053173.09371			
Observation end date	2005-03-01T08:16:55	2005-03-01T08:32:53			

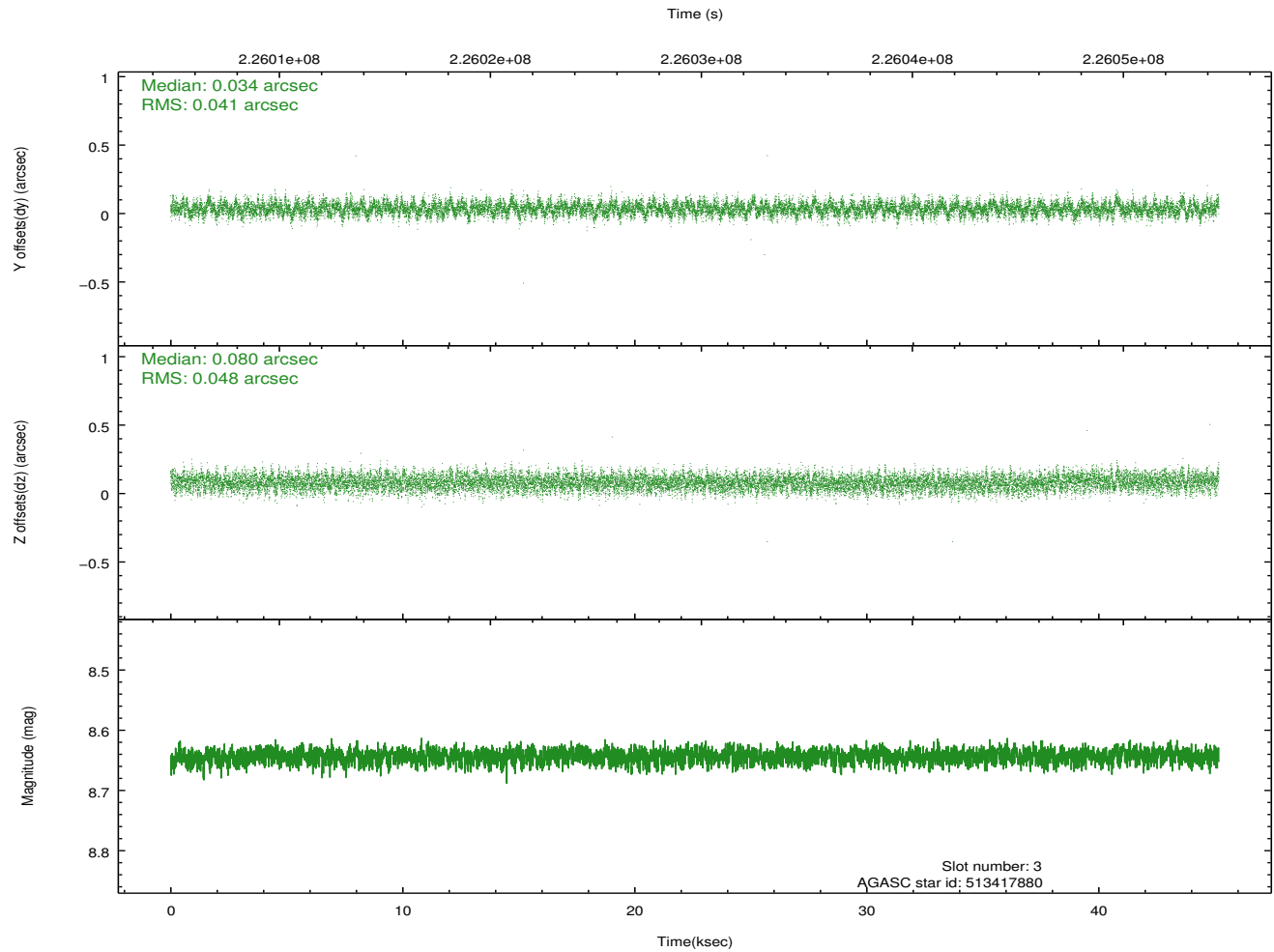
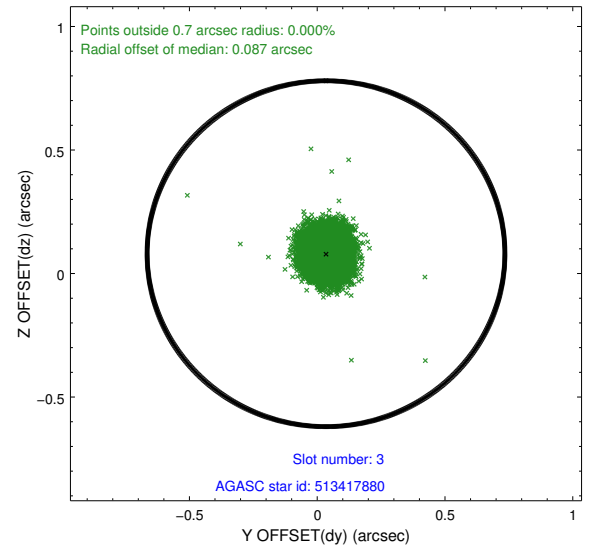
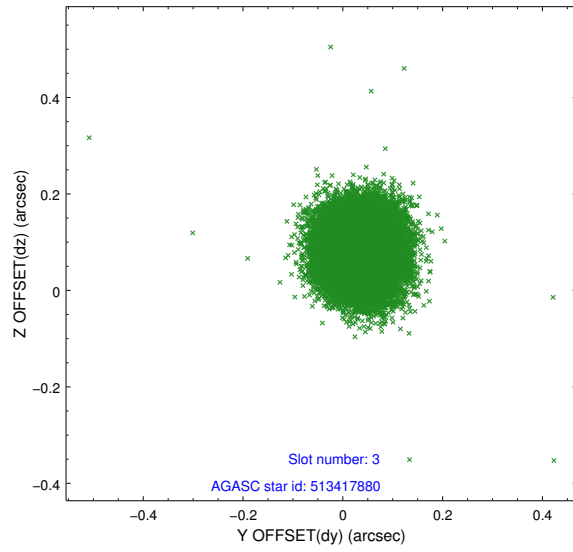
2.3 Aspect

Slot Statistics

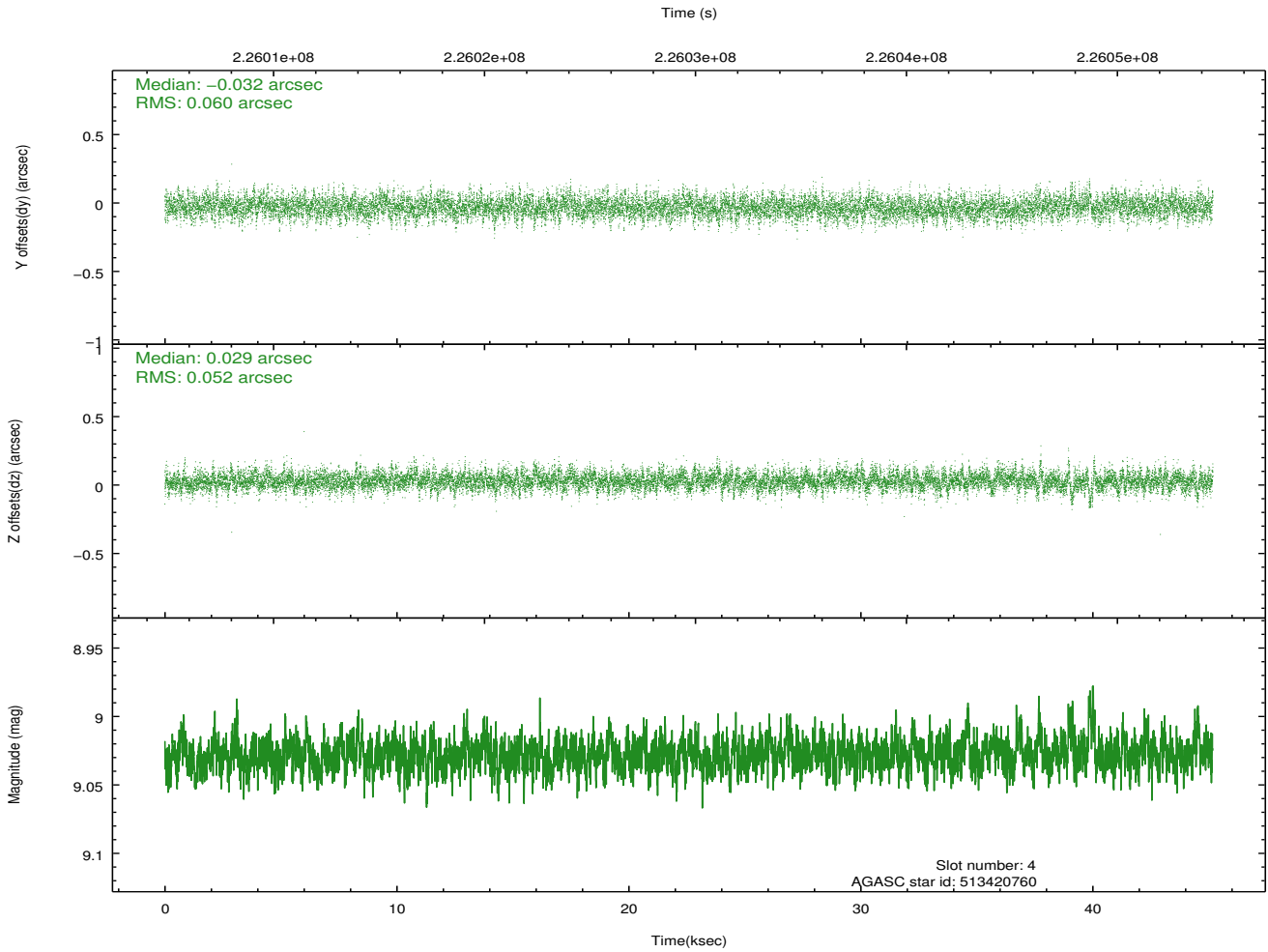
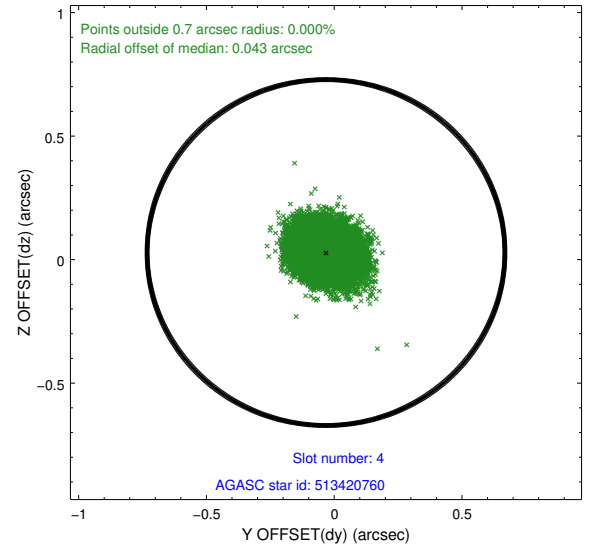
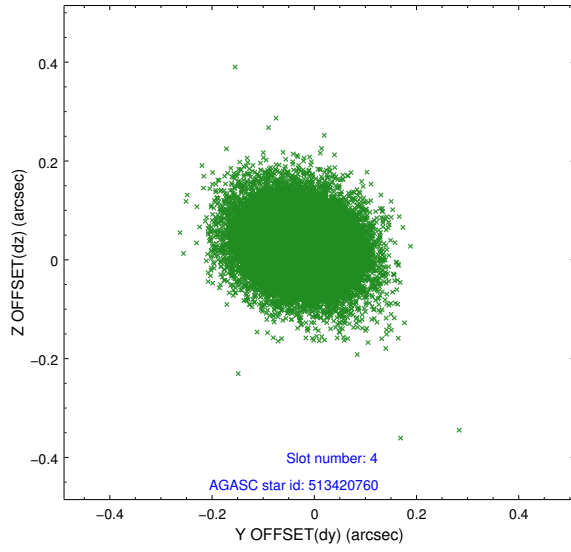
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	11021	0.112	-0.159	0.031	0.041	0.000000	0.000000	-1160.44	-457.29
1	FID	HRC-S-2	7.03	11020	0.158	-0.104	0.012	0.021	0.000000	0.000000	1239.18	-449.91
2	FID	HRC-S-3	7.04	11018	0.121	-0.039	0.038	0.048	0.000000	0.000000	-1163.05	572.31
3	GUIDE	513417880	8.64	22033	0.034	0.080	0.068	0.108	279.584245	59.253862	-23.74	-1086.89
4	GUIDE	513420760	9.03	22021	-0.032	0.029	0.084	0.140	277.675033	59.117633	-2070.53	1819.44
5	GUIDE	513422640	8.02	22035	-0.029	-0.012	0.068	0.108	277.976729	59.419970	-848.95	1809.04
6	GUIDE	513419672	8.92	22034	0.006	-0.058	0.100	0.157	278.251329	59.888562	882.32	2123.26
7	GUIDE	515114104	9.37	22018	0.027	-0.040	0.114	0.190	280.808618	59.672771	2371.85	-2332.51

2.4 Star Slots

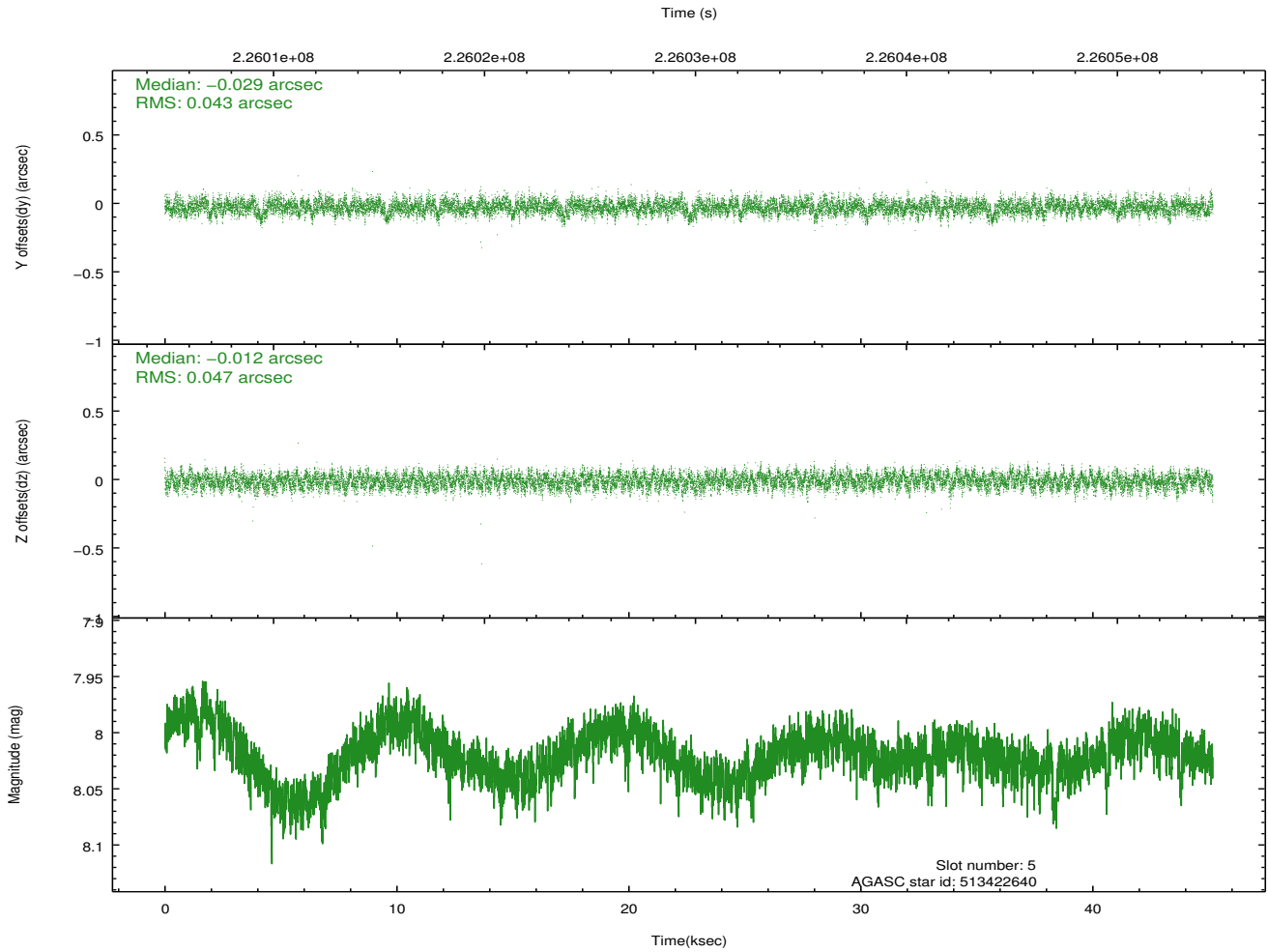
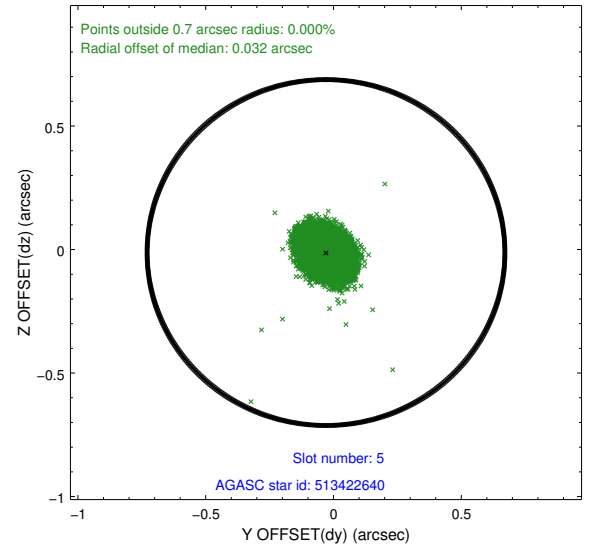
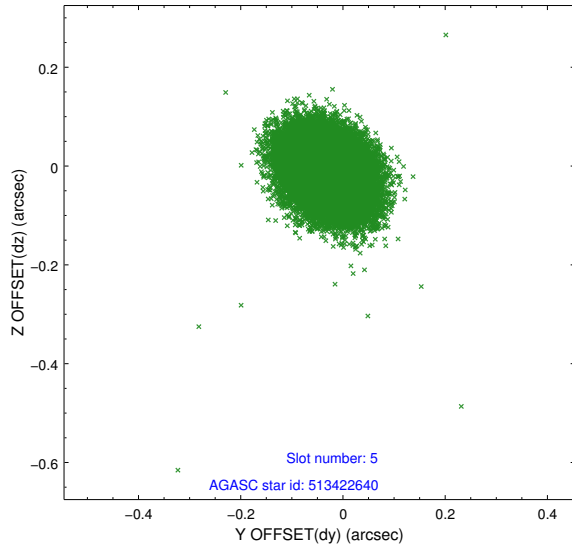
2.4.1 Slot 3



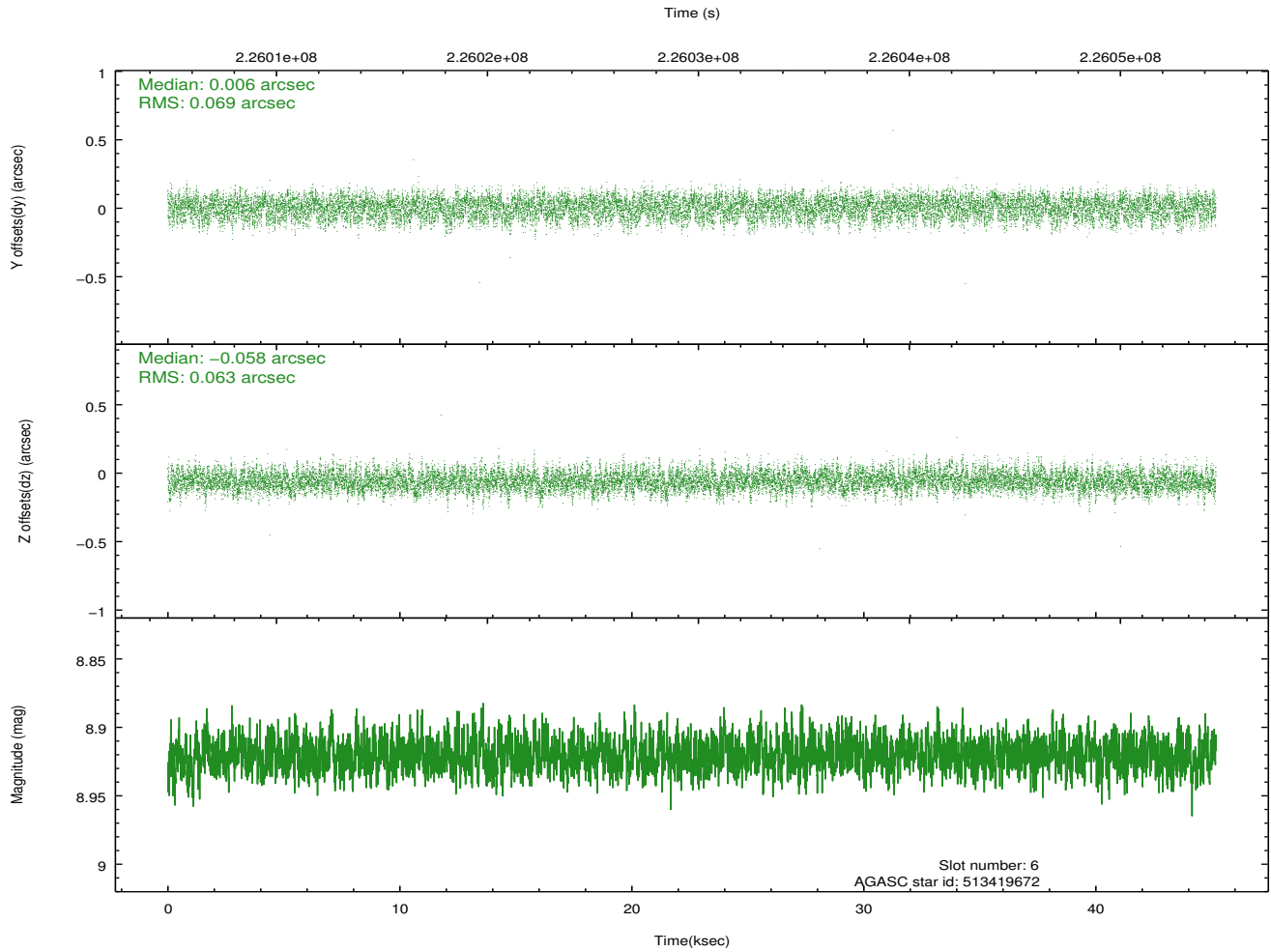
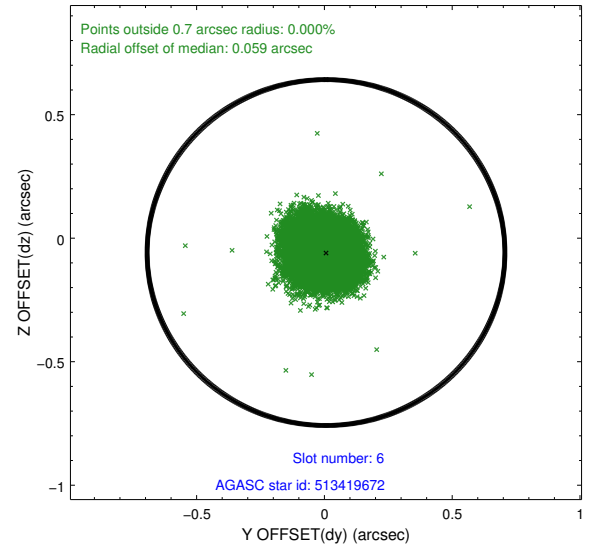
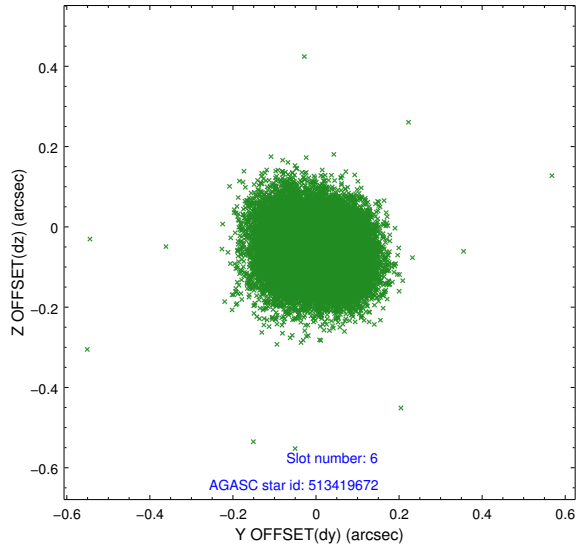
2.4.2 Slot 4



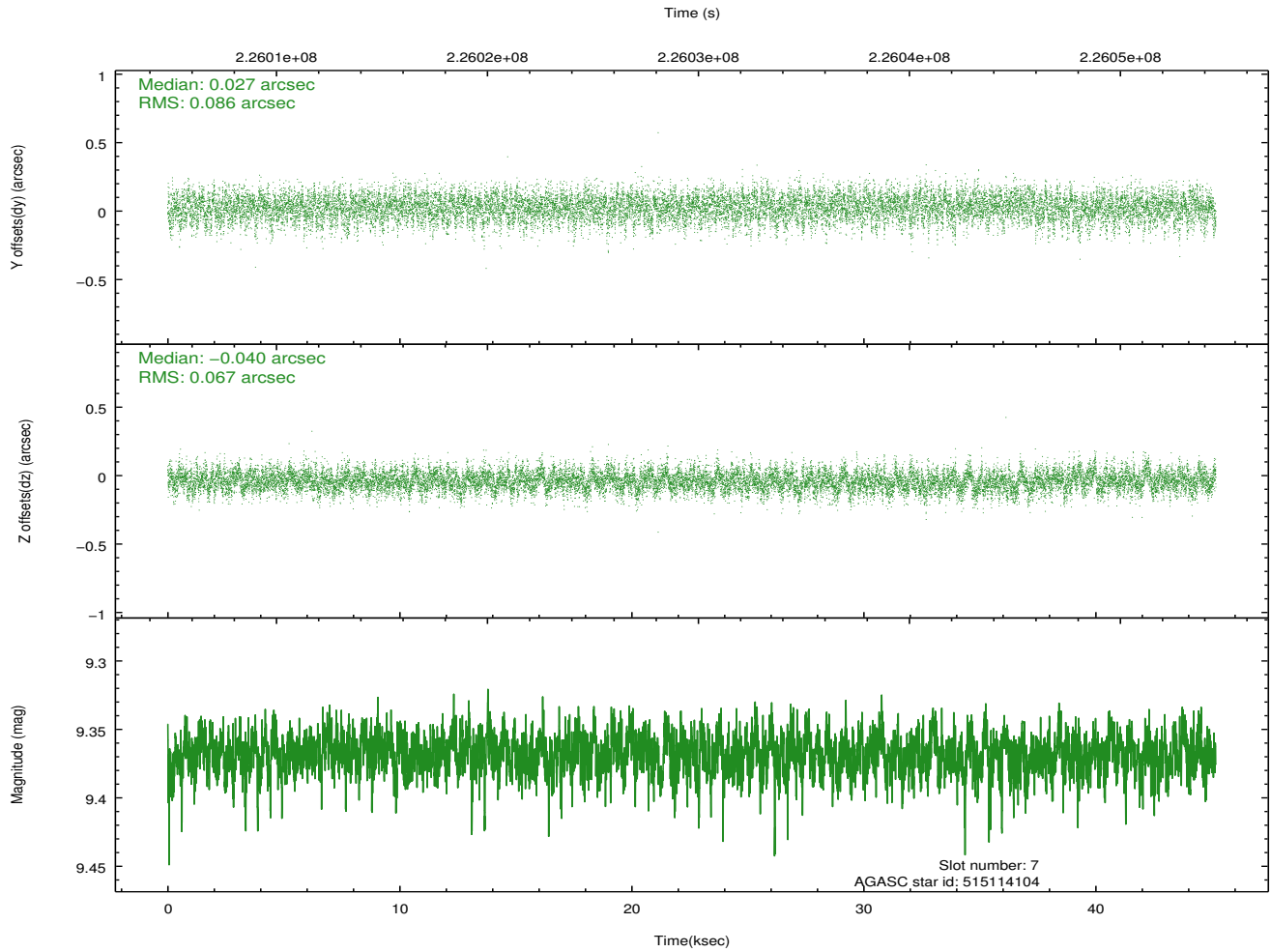
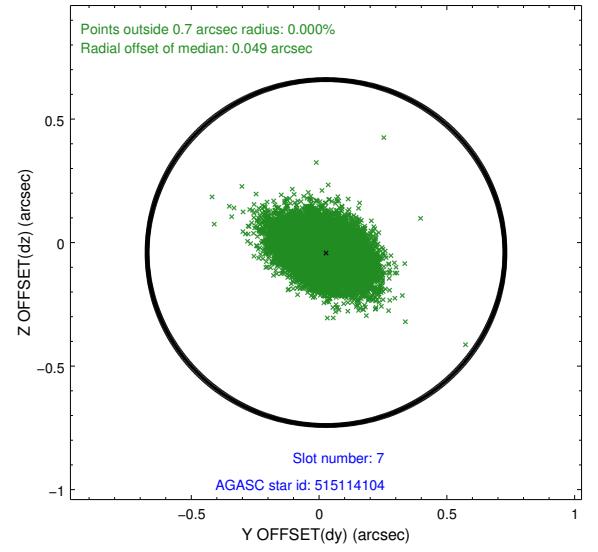
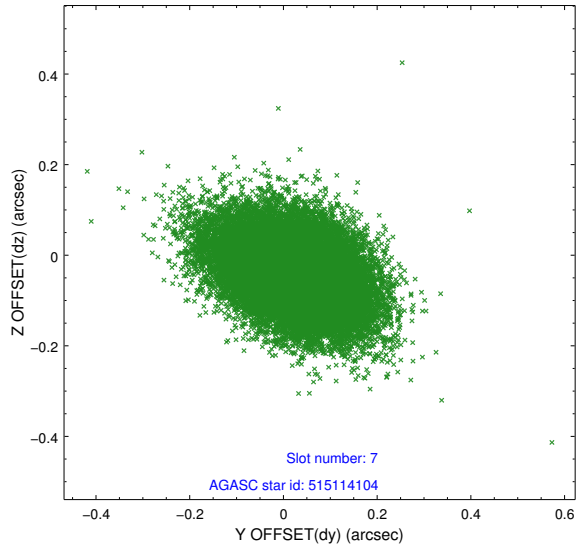
2.4.3 Slot 5



2.4.4 Slot 6

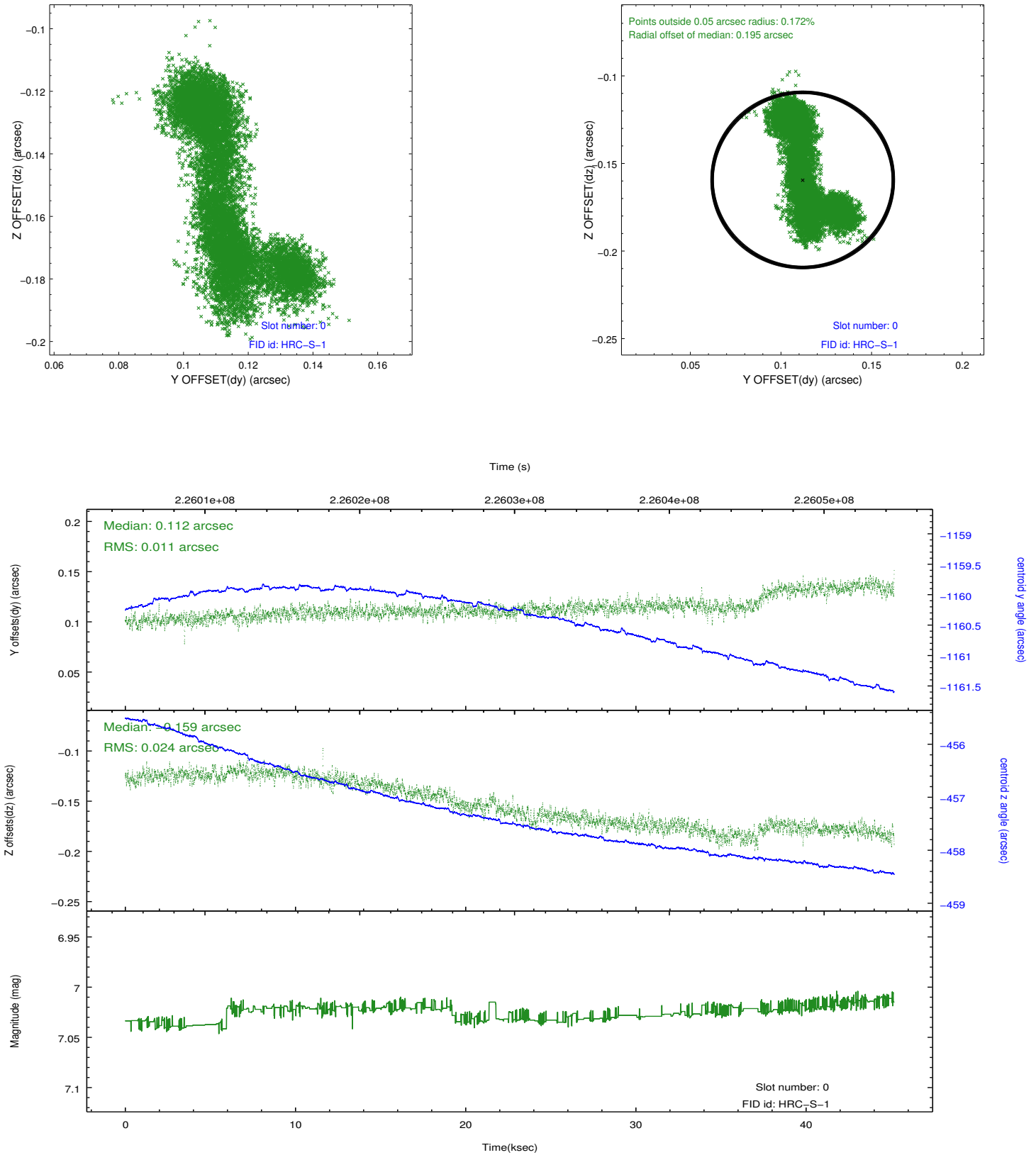


2.4.5 Slot 7

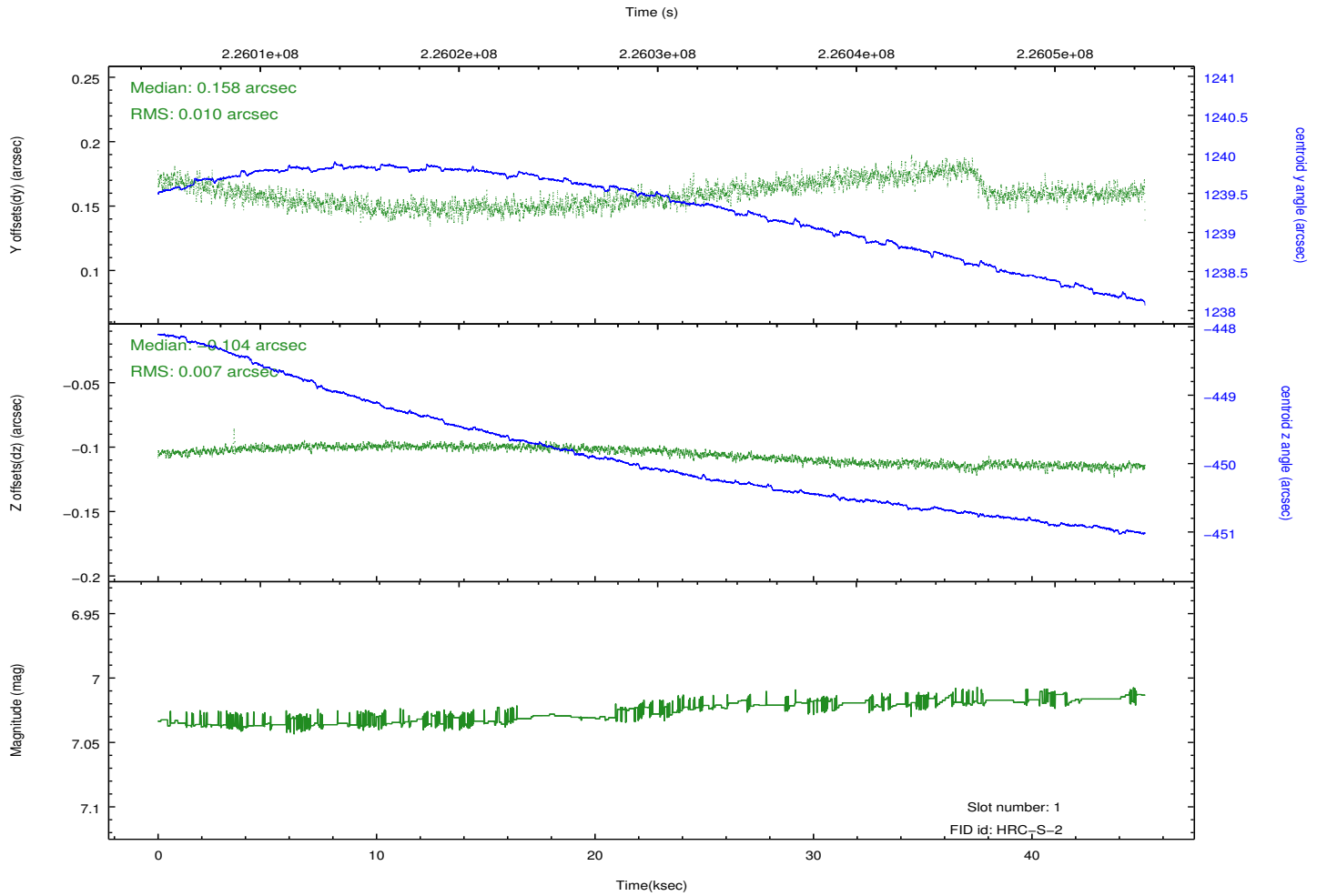
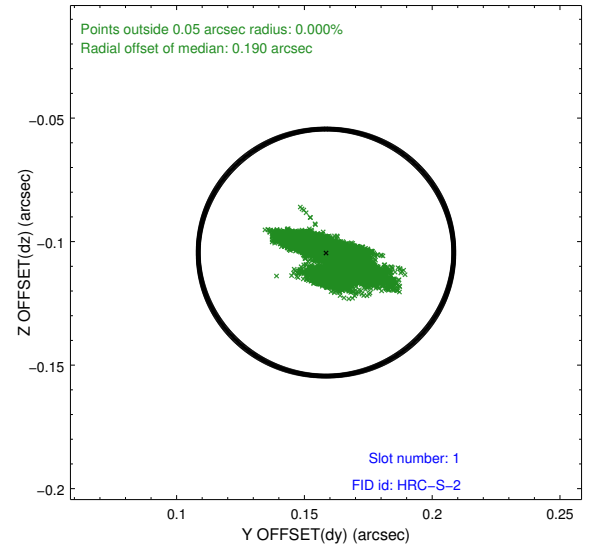
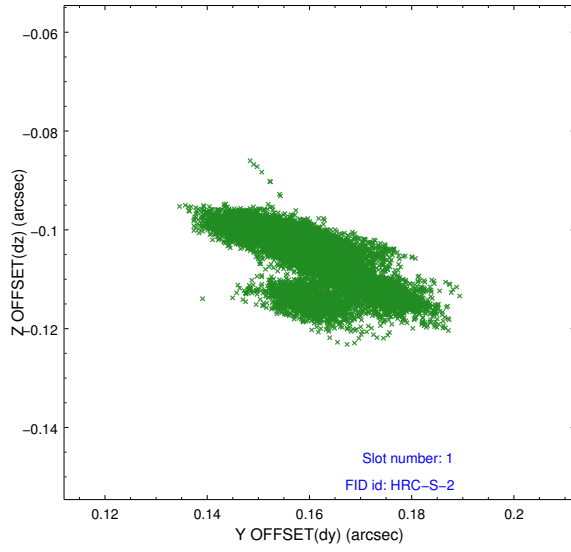


2.5 FID Slots

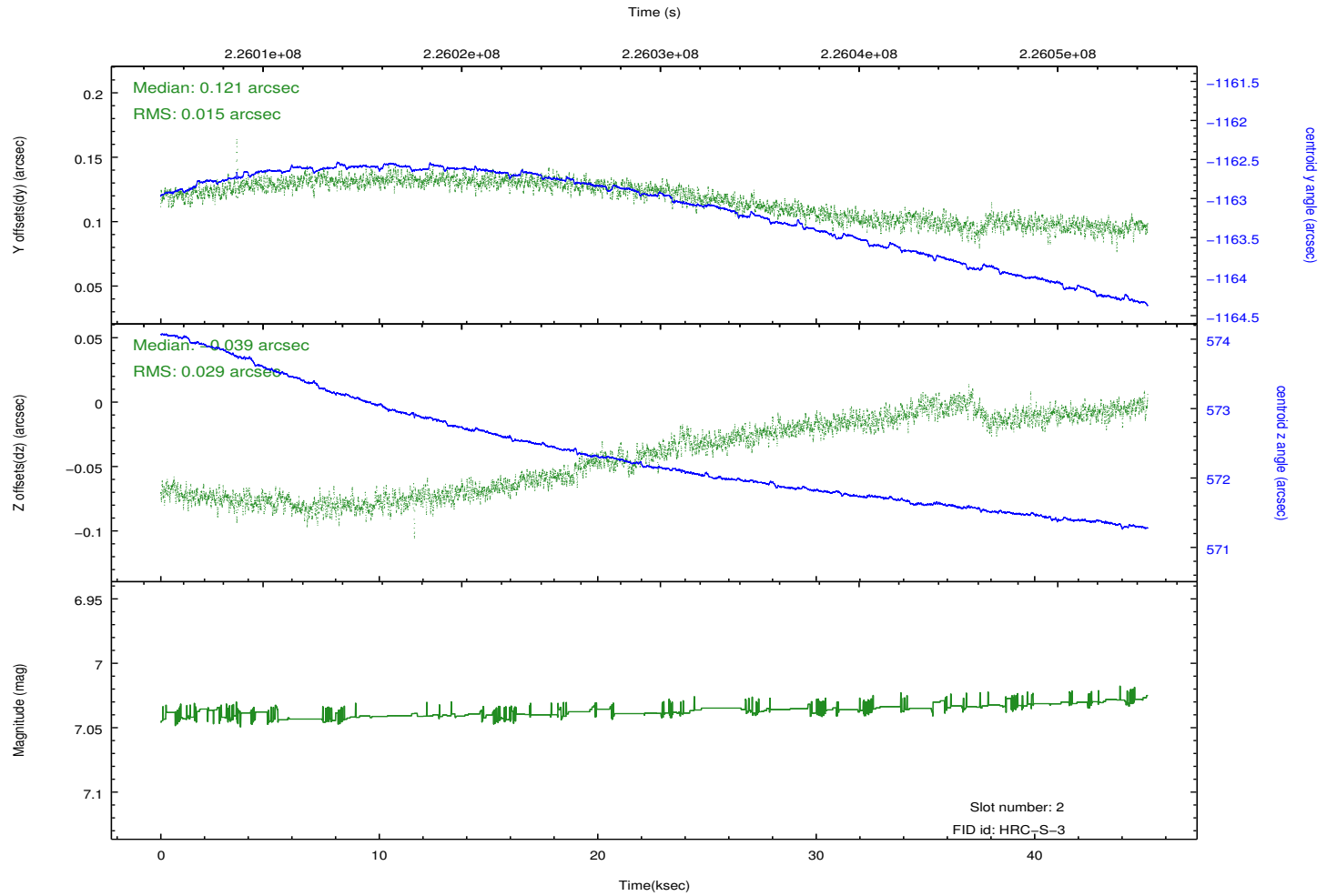
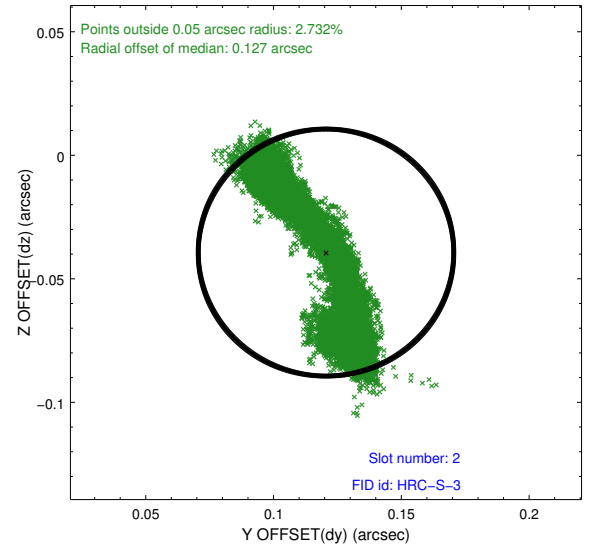
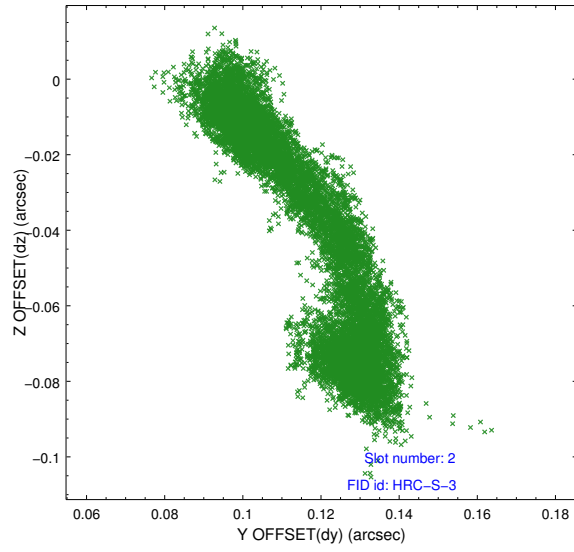
2.5.1 Slot 0



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)	2013.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.18123

A.2 Comments