

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6014 - L2 Version 3
Chandra X-Ray Center

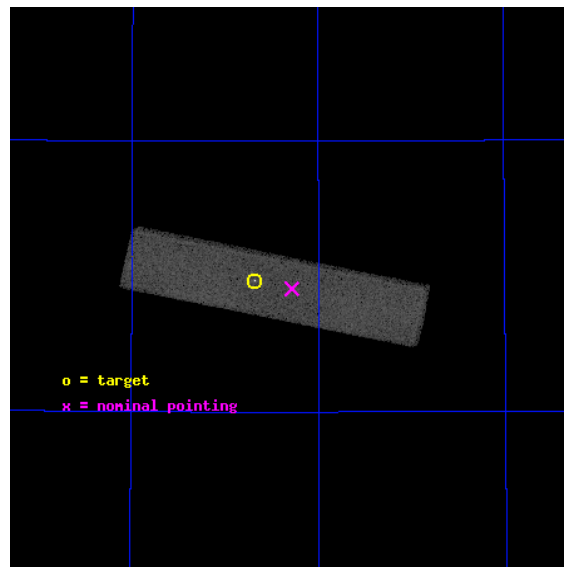
L2 Processing Date : Mar 15 2013

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1 Front

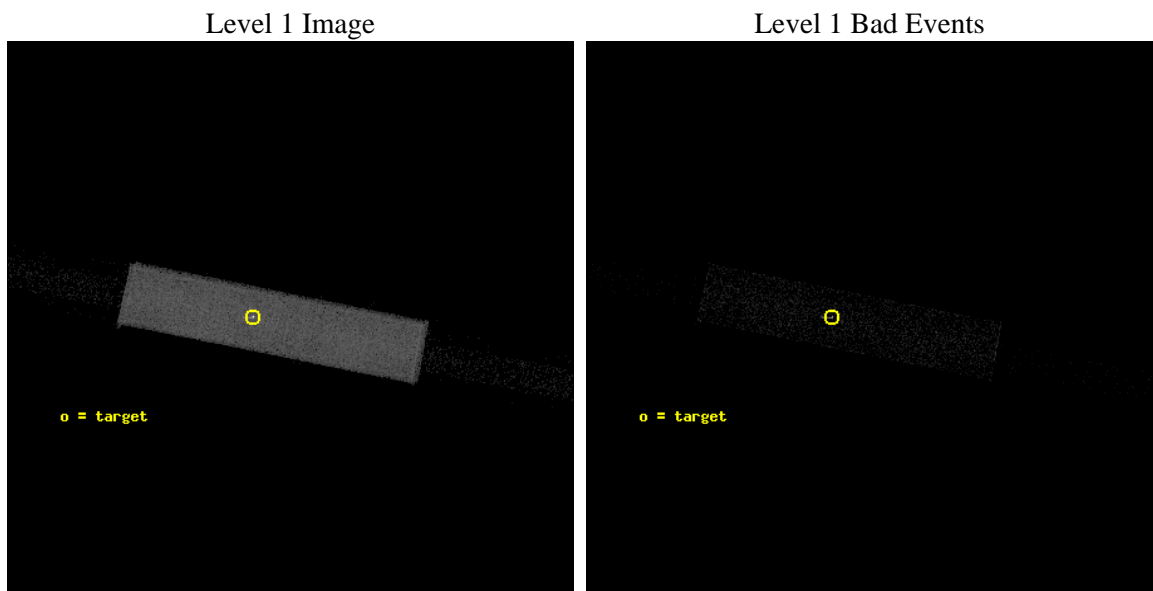
seq_num	290506	Sequence number
obs_id	6014	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.07065290482	Nominal RA [deg]
dec_nom	45.727523252106	Nominal Dec [deg]
roll_nom	191.27038134002	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813030124	[s]
livetime	1143.4098941494	Ontime multiplied by DTCOR
l2events	71572	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	1153.3813030124	[s]
caldsver	4.5.5	 	l1events	110779	Number of level 1 events
date	2012-12-28T18:49:48	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

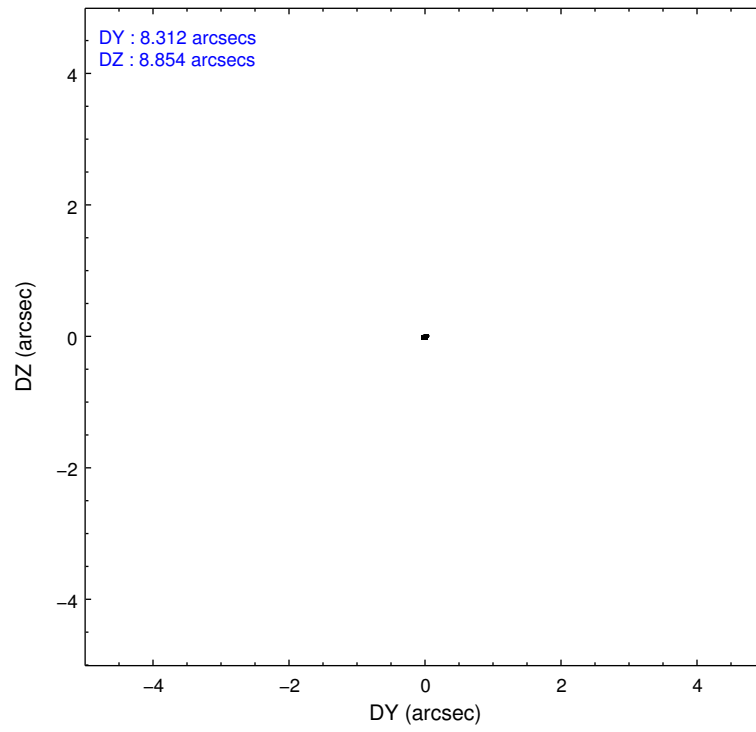
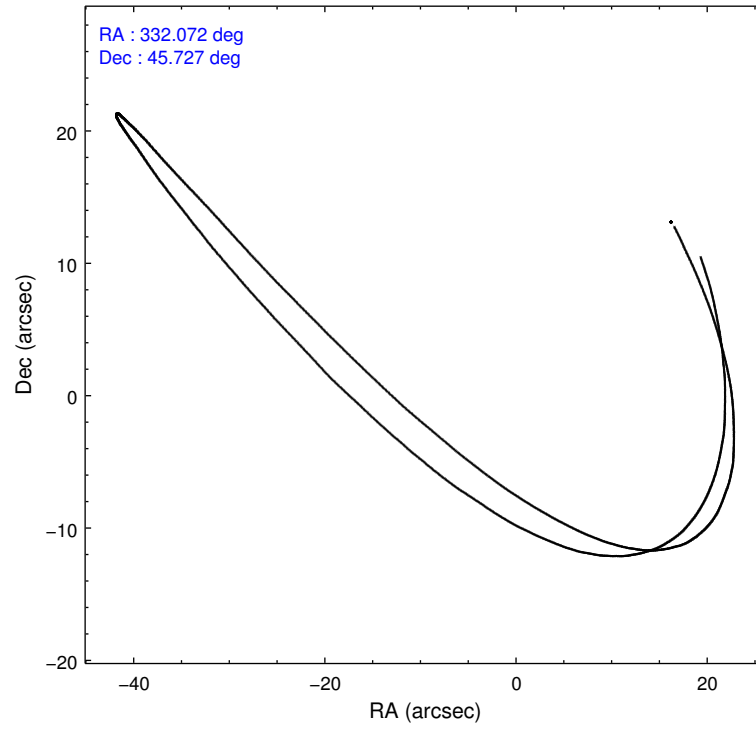
Level 1 Events

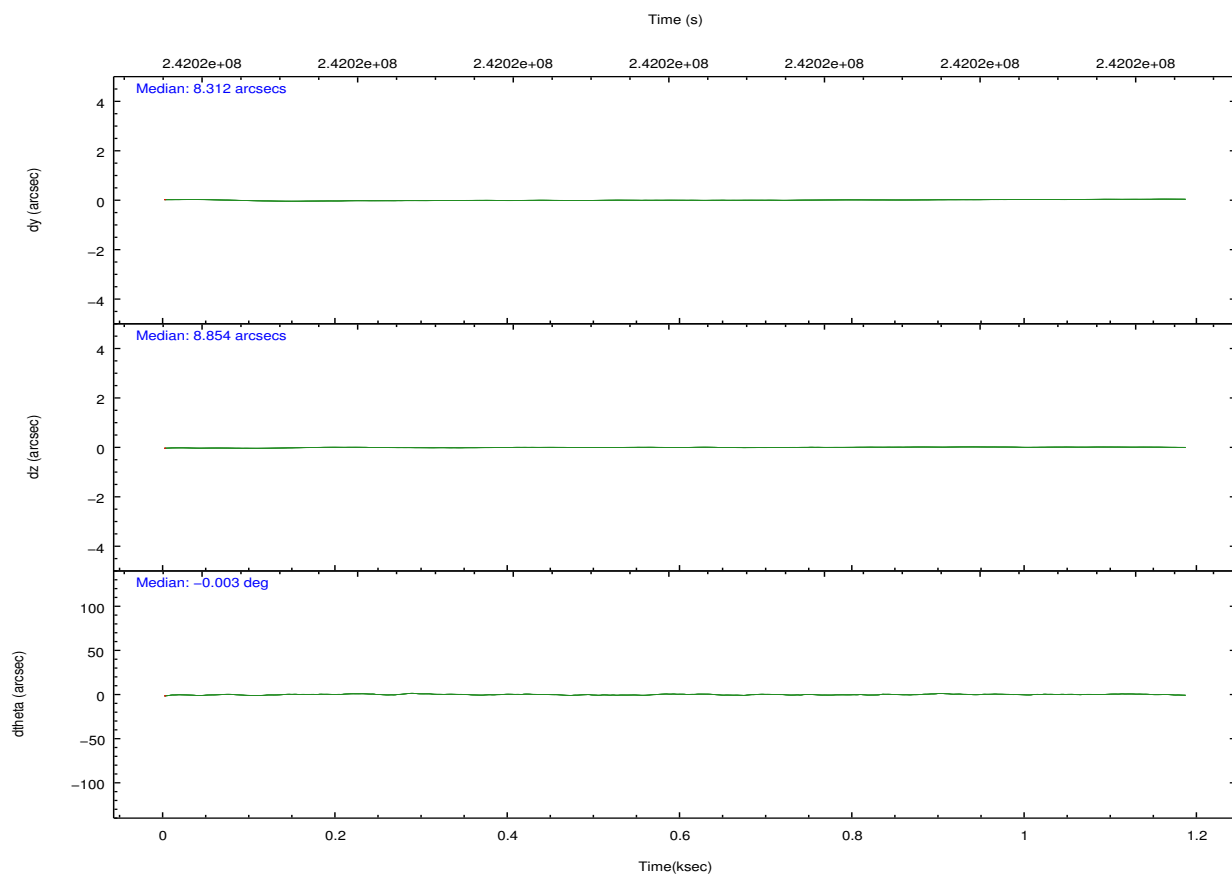
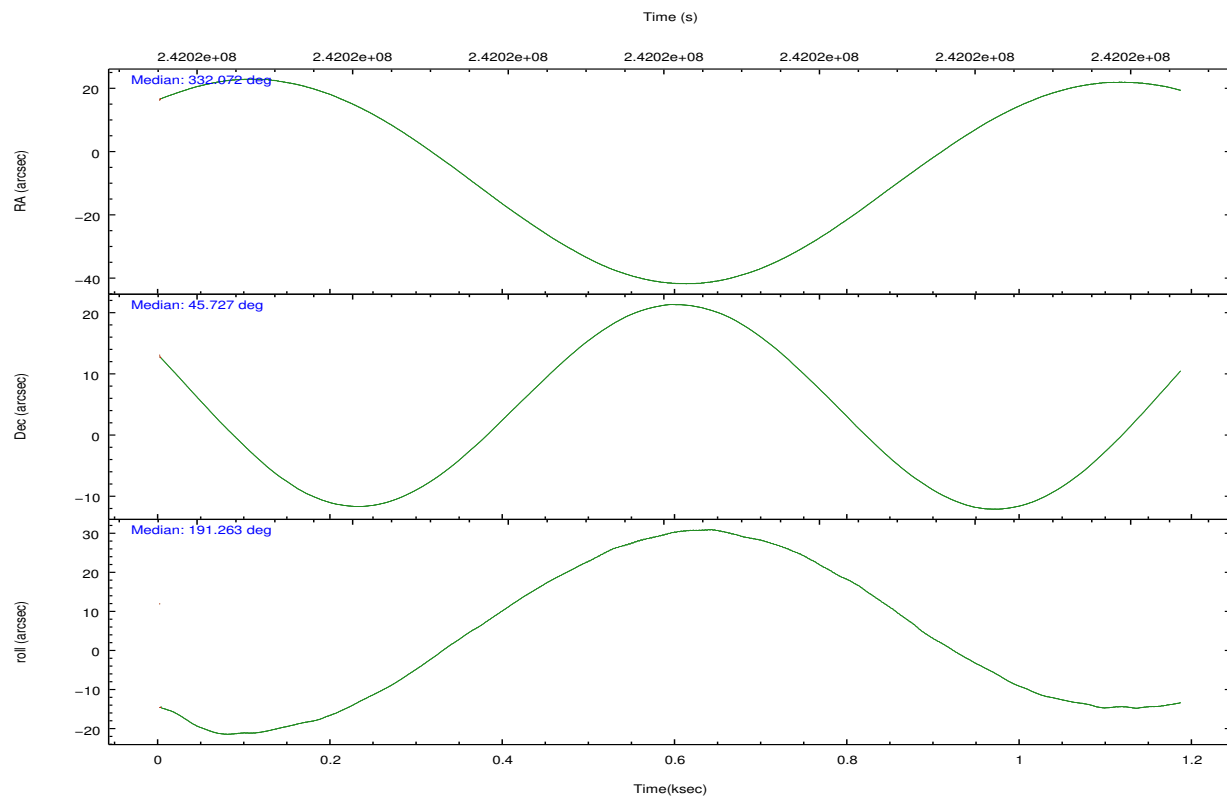
	segment 1	segment 2	segment 3
level 1 events	1158	108476	1145
rejected events	1158	24470	1145
rejected %	100%	22%	100%

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	332.099104	332.0706529048167			
[deg] Pointing Dec	45.748528	45.7275232521057			
[deg] Pointing Roll	191.182656	191.270381340015			
[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)	242019404.184000	242019028.40941			
Observation start date	2005-09-02T03:35:40	2005-09-02T03:30:28			
[s] Observation end time (MET)	242020404.184000	242020538.23448			
Observation end date	2005-09-02T03:52:20	2005-09-02T03:55:38			

2.3 Aspect



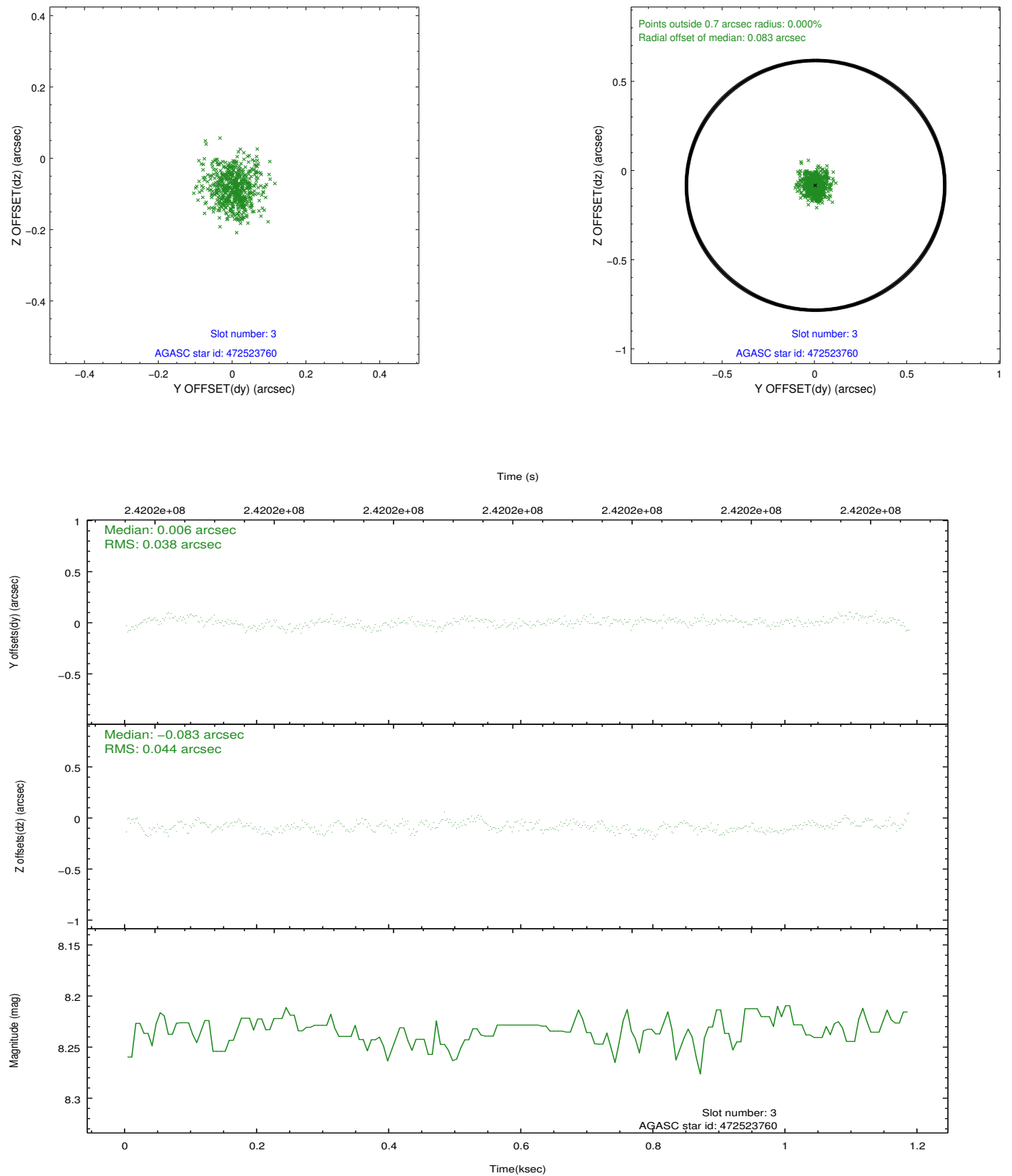


Slot Statistics

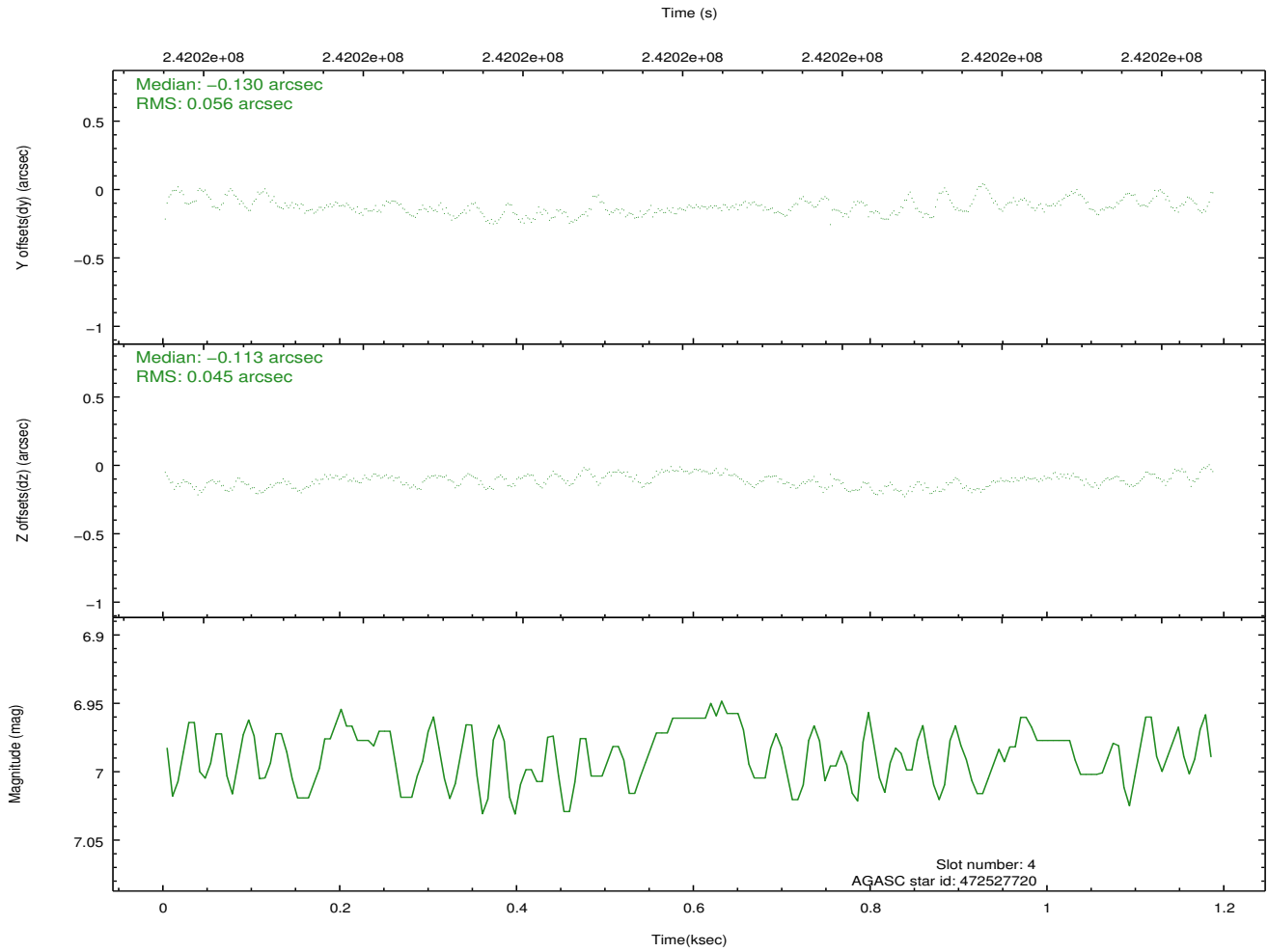
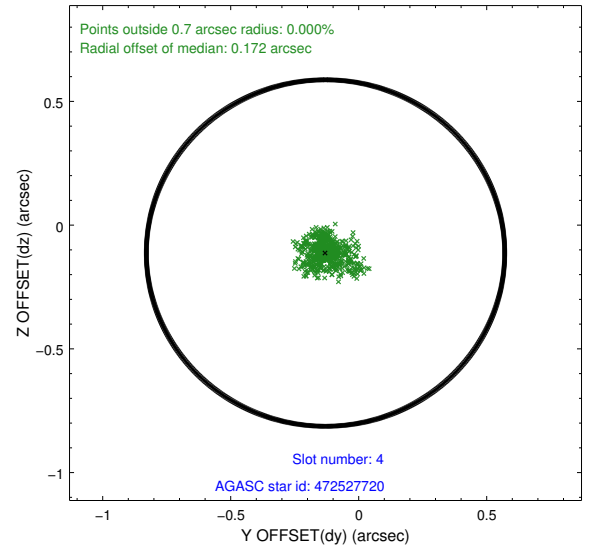
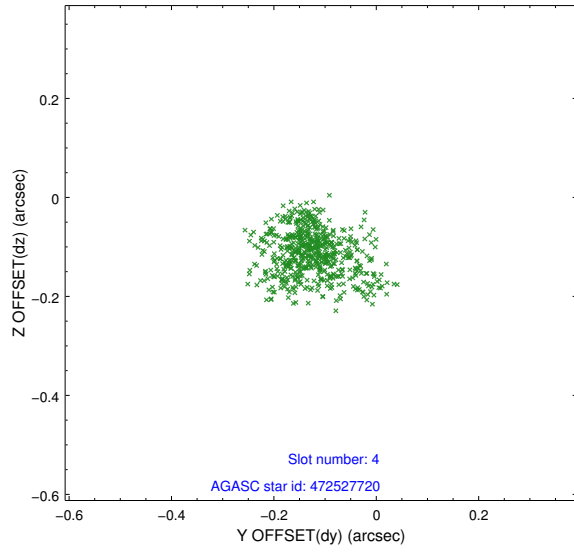
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	289	0.159	-0.168	0.007	0.014	0.000000	0.000000	-1162.47	-457.51
1	FID	HRC-S-2	7.03	290	0.134	-0.115	0.004	0.010	0.000000	0.000000	1233.17	-451.68
2	FID	HRC-S-3	7.04	289	0.096	-0.019	0.007	0.014	0.000000	0.000000	-1160.99	570.60
3	GUIDE	472523760	8.23	579	0.006	-0.083	0.061	0.099	331.645363	45.403260	1367.37	989.69
4	GUIDE	472527720	6.99	579	-0.130	-0.113	0.077	0.130	331.460205	45.112509	2039.13	1922.78
5	GUIDE	472535576	7.86	579	-0.110	0.111	0.056	0.093	331.438373	46.291802	1237.38	-2244.72
6	GUIDE	472665256	9.00	577	0.244	0.032	0.075	0.122	332.808125	46.195041	-2042.15	-1250.28
7	GUIDE	472533912	9.15	578	-0.005	0.052	0.125	0.191	331.791136	46.368695	315.82	-2346.30

2.4 Star Slots

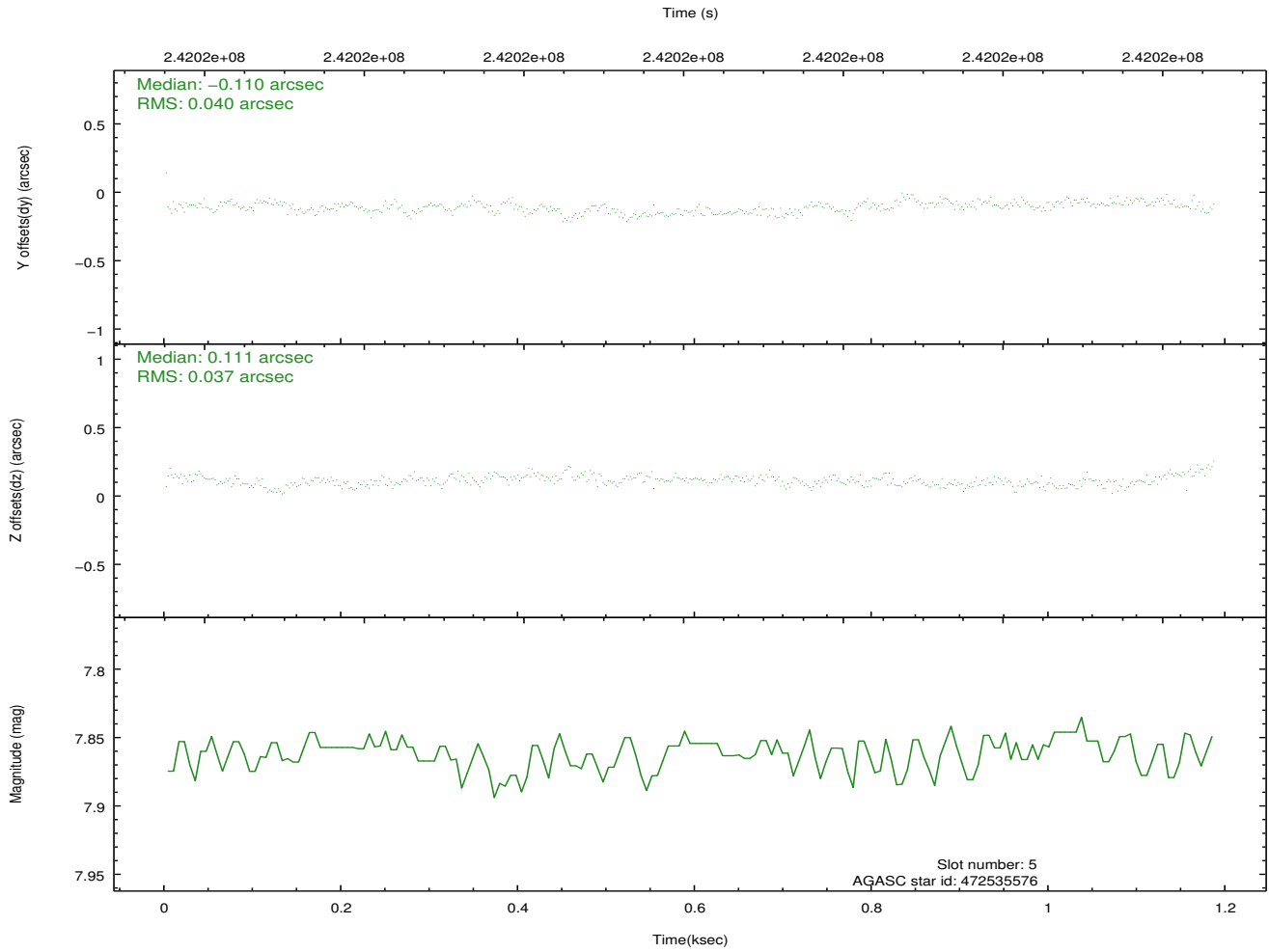
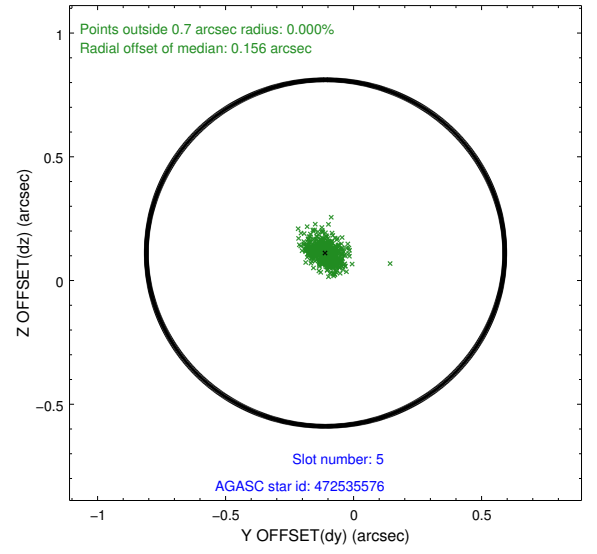
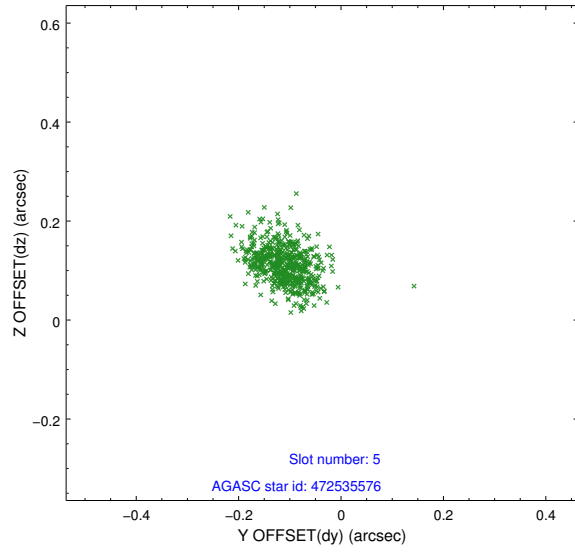
2.4.1 Slot 3



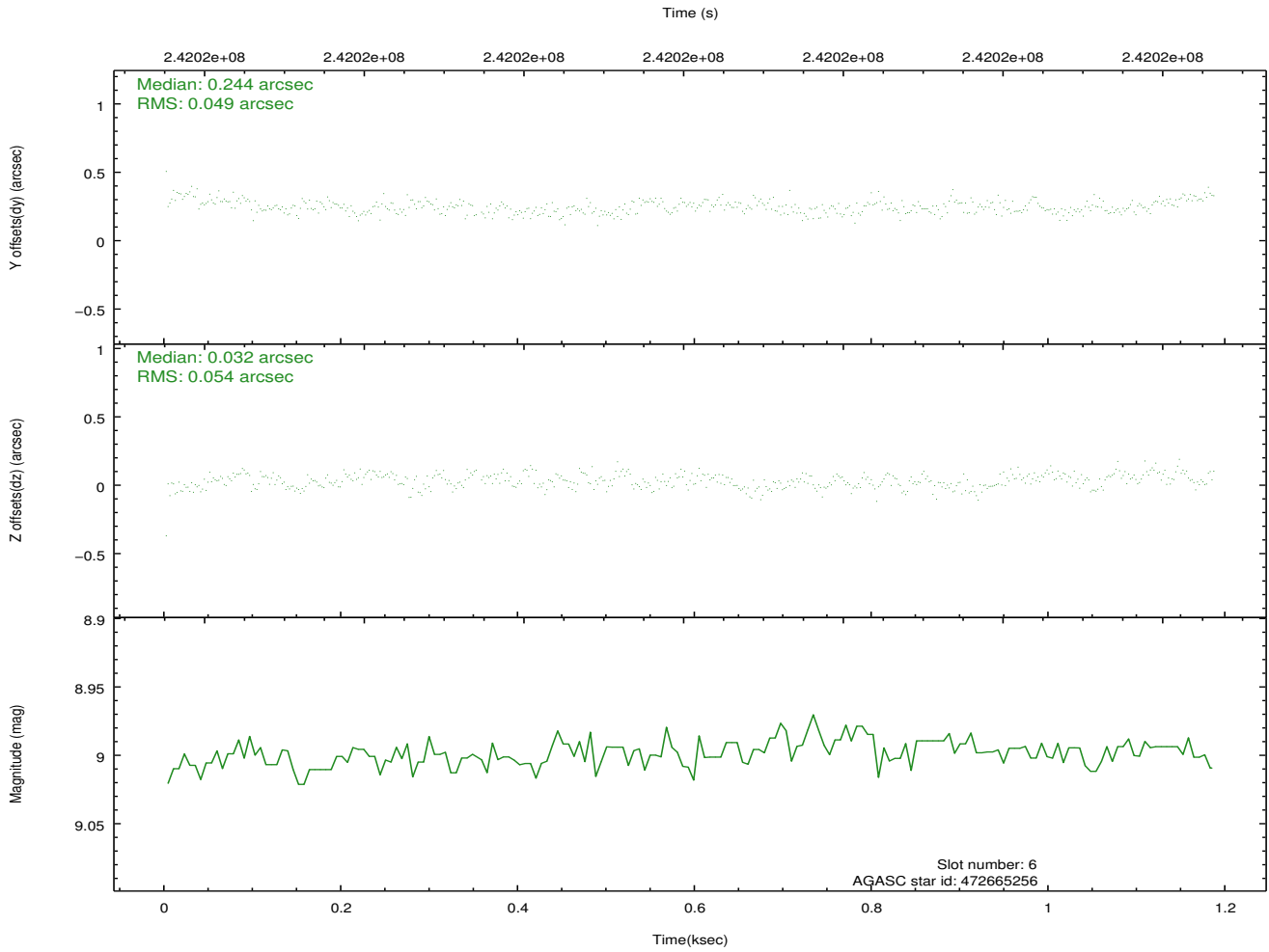
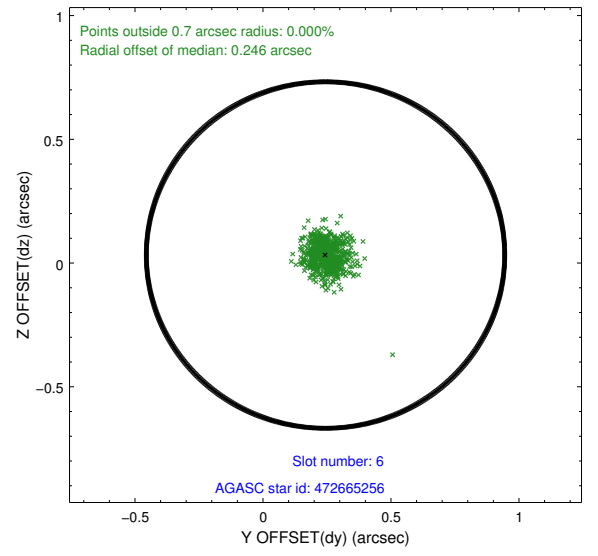
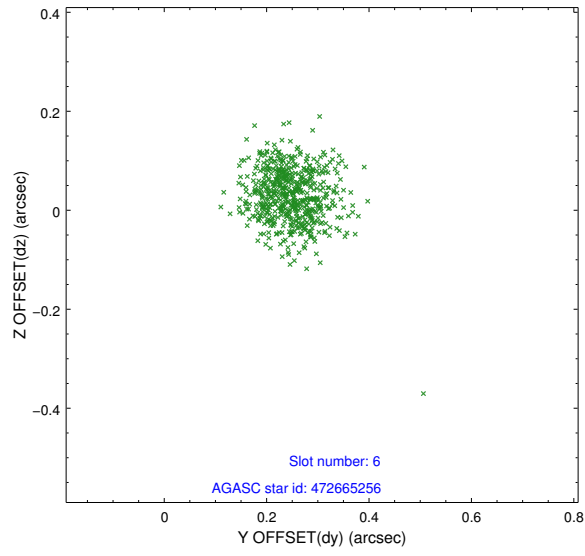
2.4.2 Slot 4



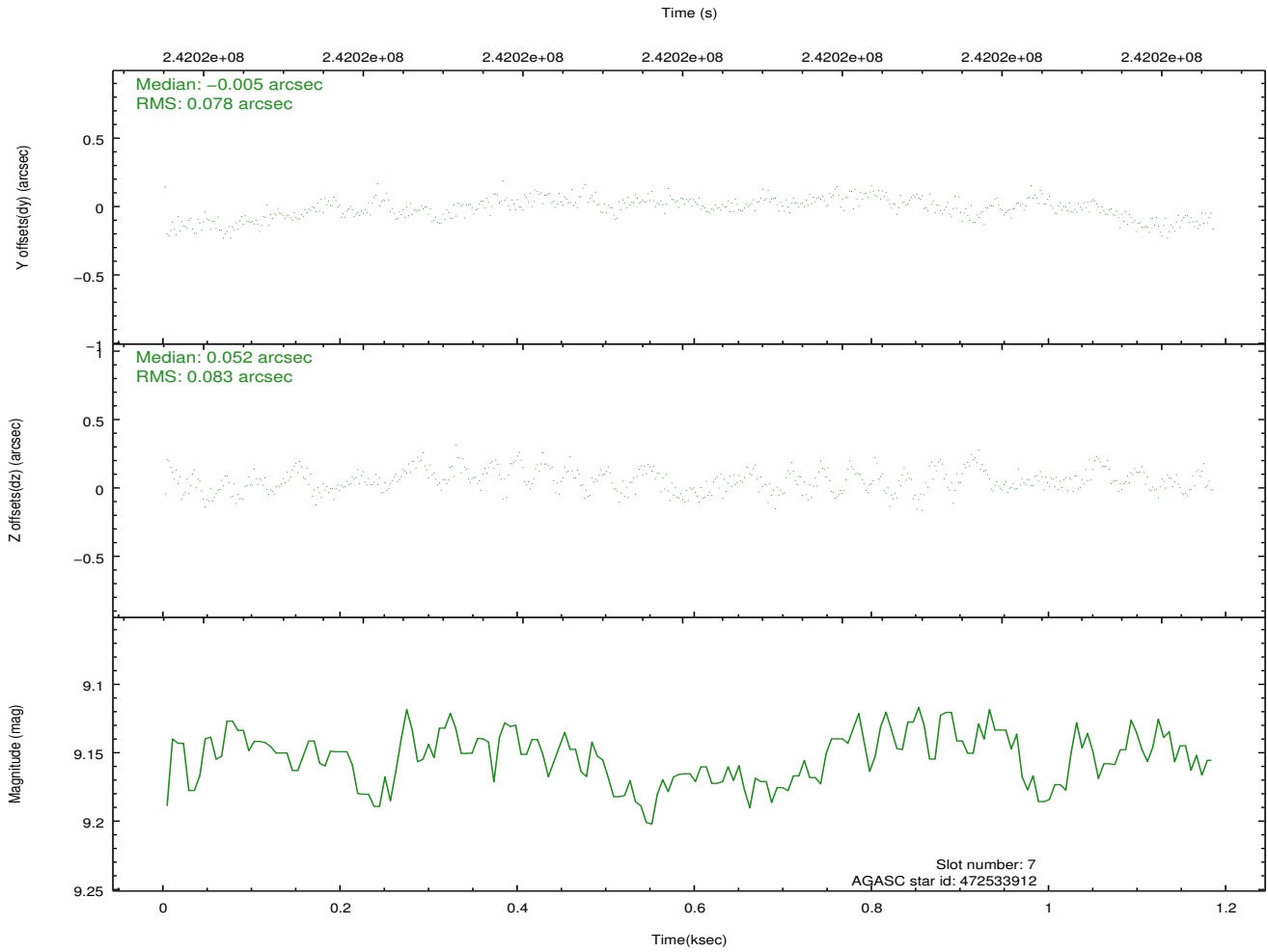
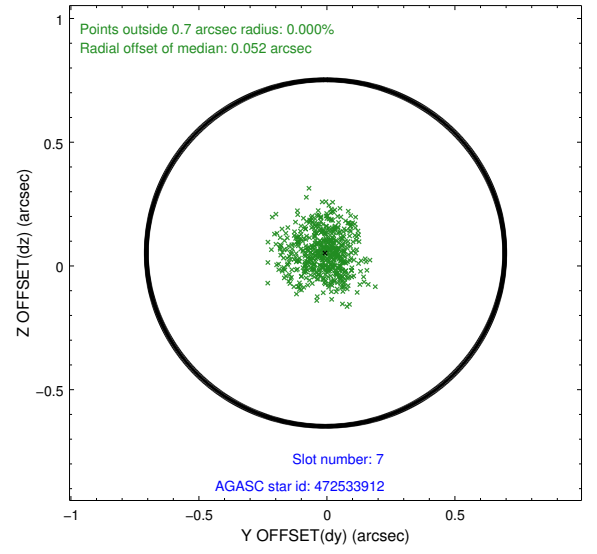
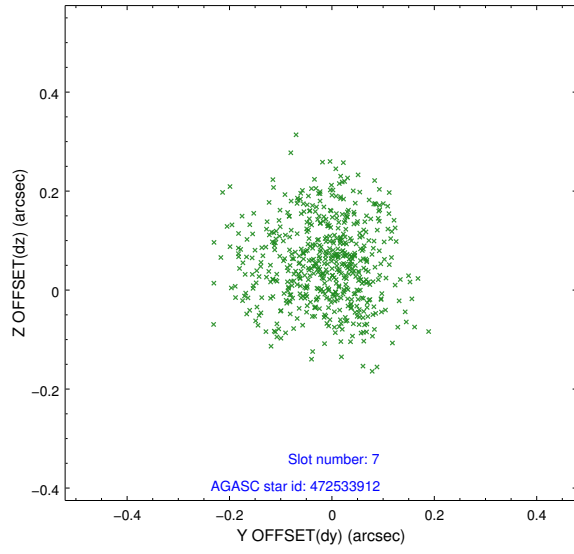
2.4.3 Slot 5



2.4.4 Slot 6

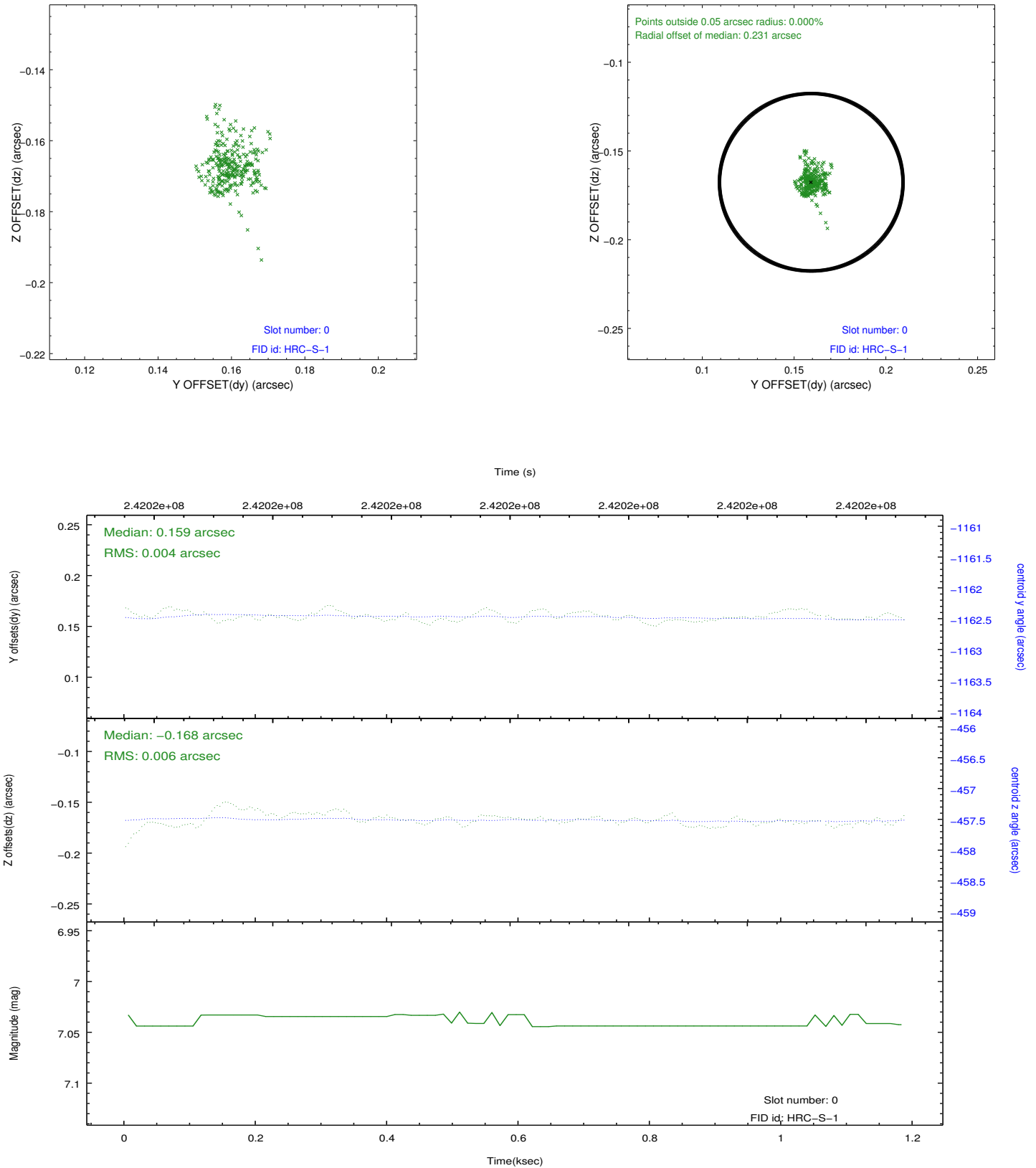


2.4.5 Slot 7

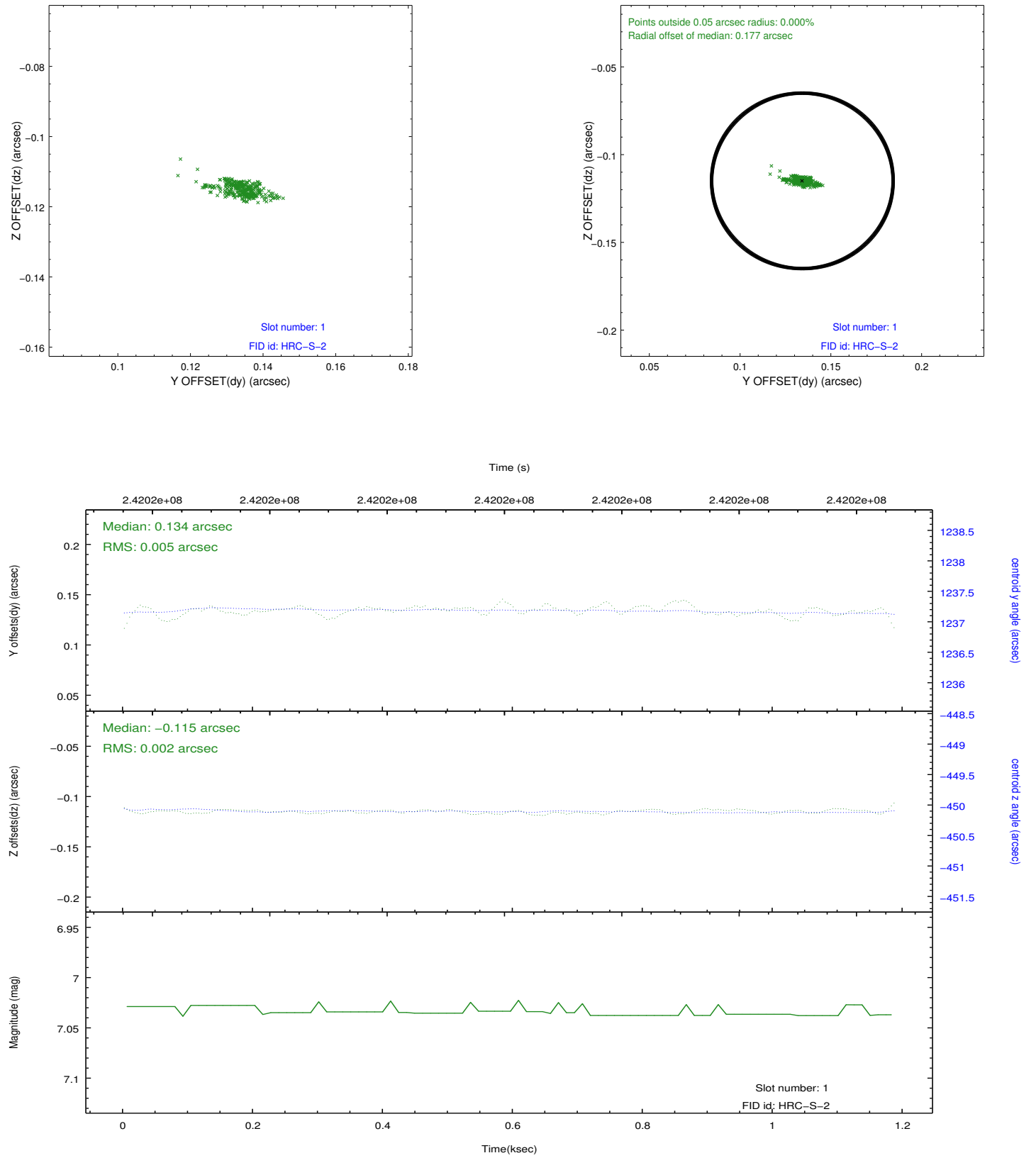


2.5 FID Slots

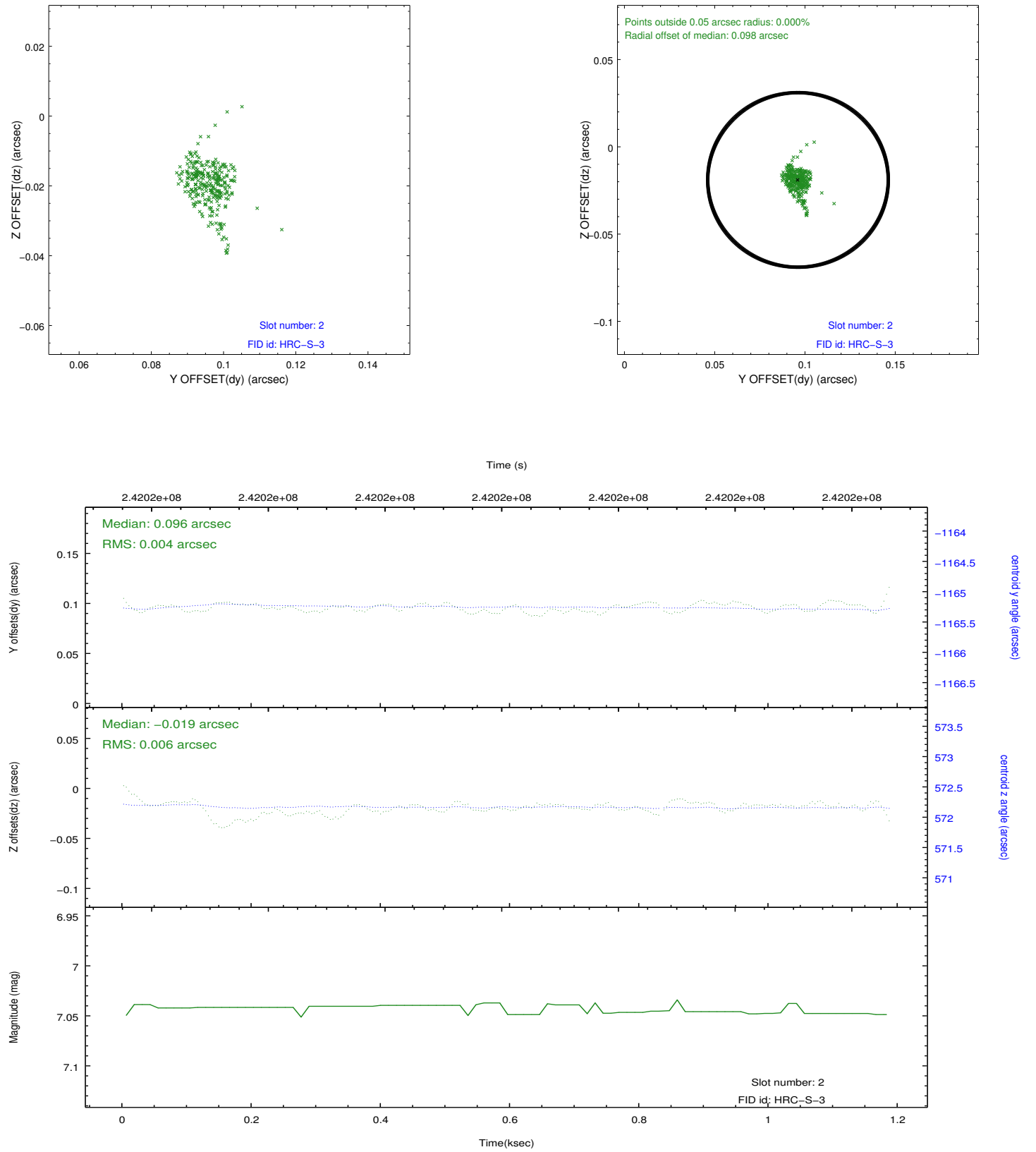
2.5.1 Slot 0



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)	2013.03.18
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.153381

A.2 Comments