

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5982 - L2 Version 4
Chandra X-Ray Center

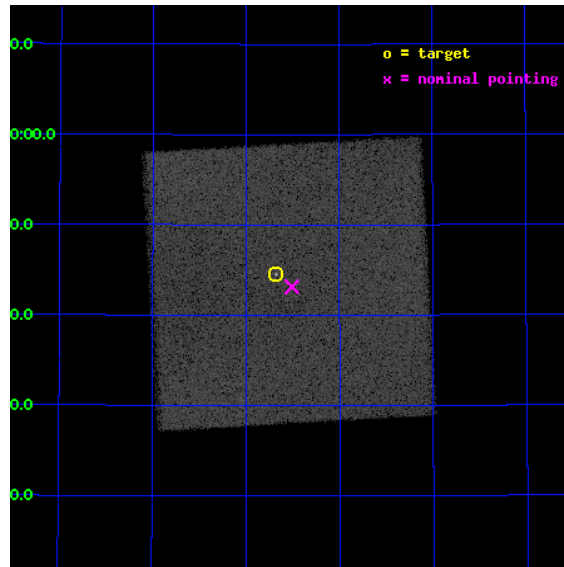
L2 Processing Date : Dec 29 2012

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1 Front

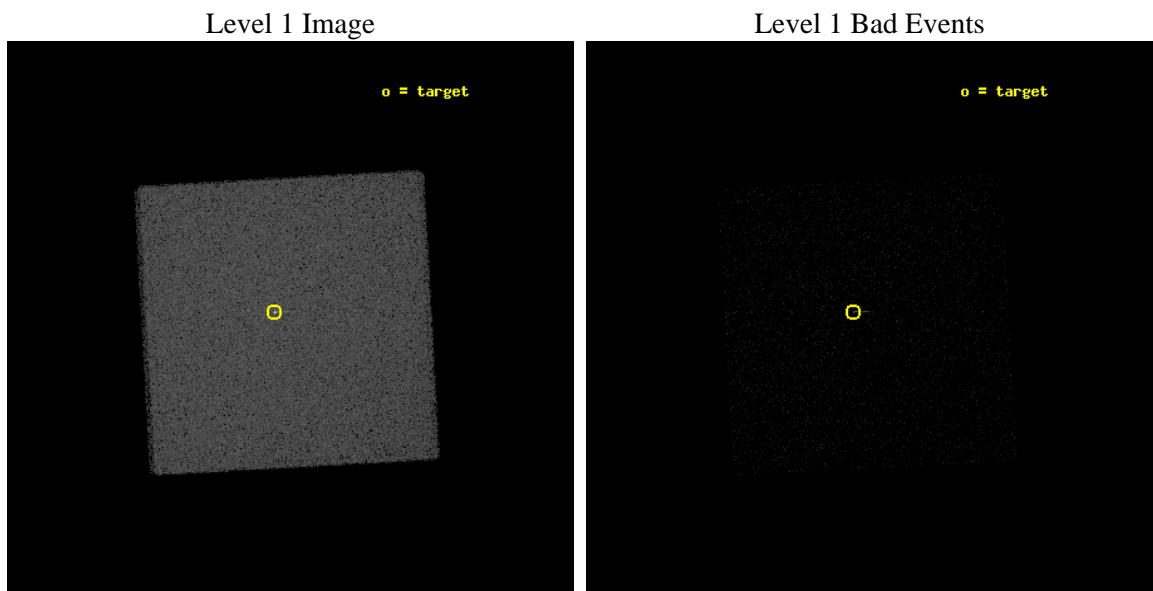
seq_num	290474	Sequence number
obs_id	5982	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1273325073	Nominal RA [deg]
dec_nom	45.719214048983	Nominal Dec [deg]
roll_nom	221.79689560026	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1184.1313044727	[s]
livetime	613.70059318824	Ontime multiplied by DTCOR
l2events	163758	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	1184.1313044727	[s]
caldbver	4.5.5	 	l1events	278211	Number of level 1 events
date	2012-12-29T12:58:33	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

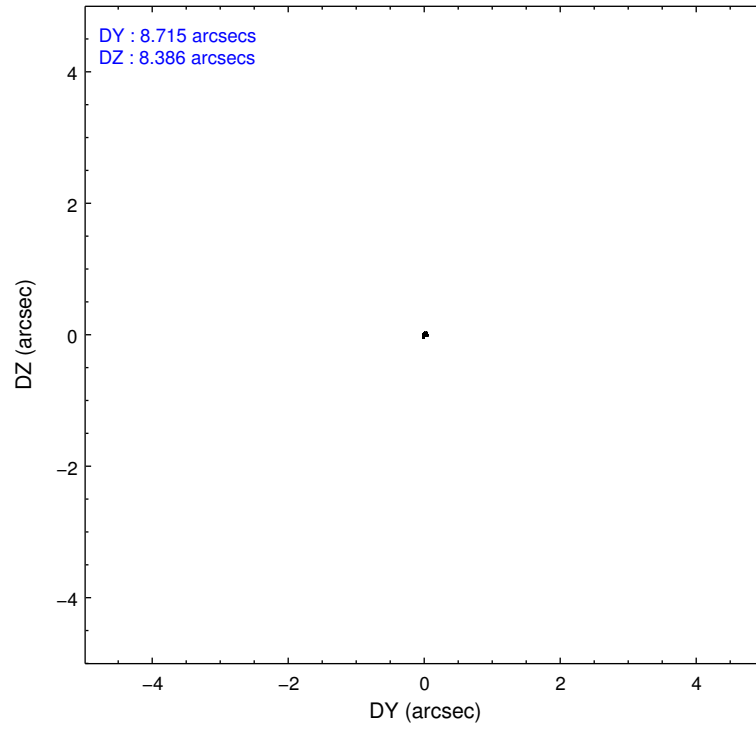
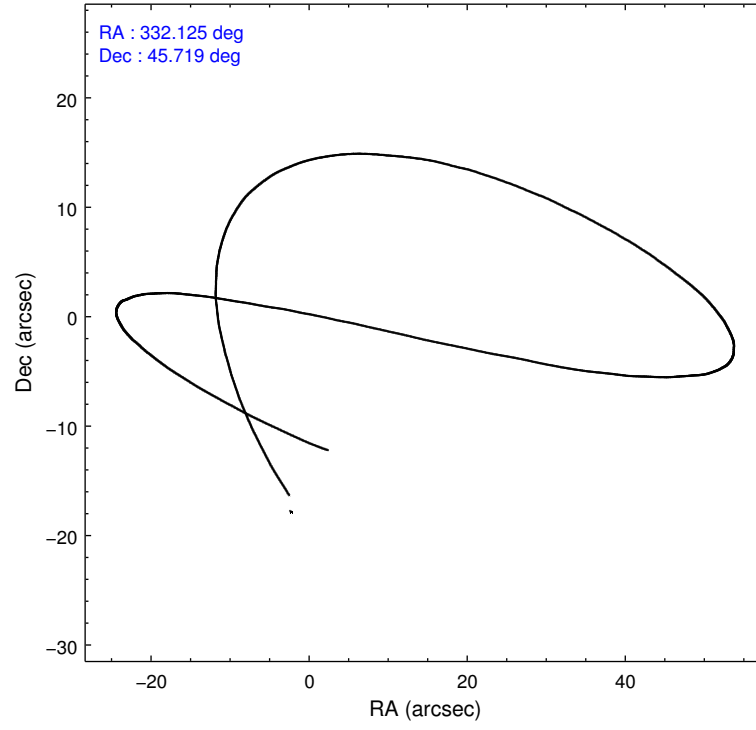
Level 1 Events

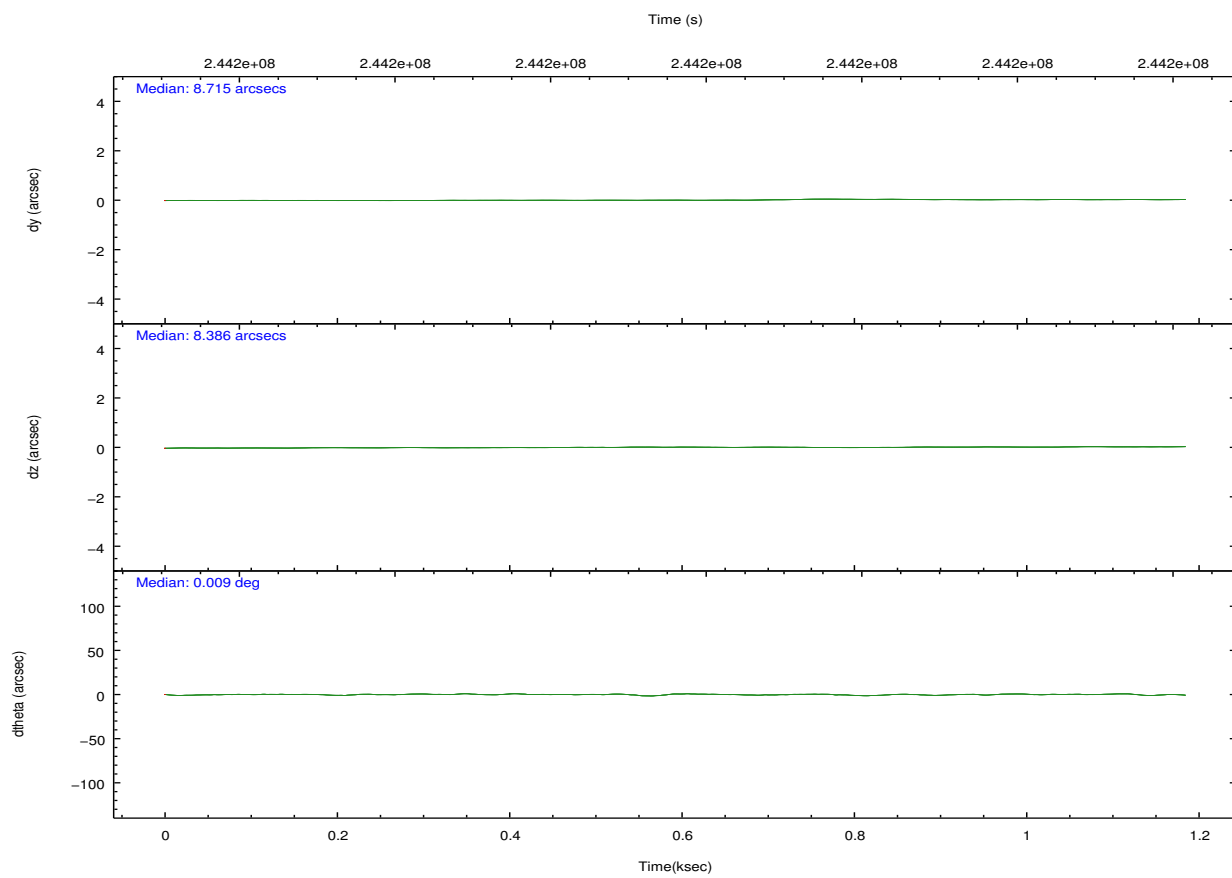
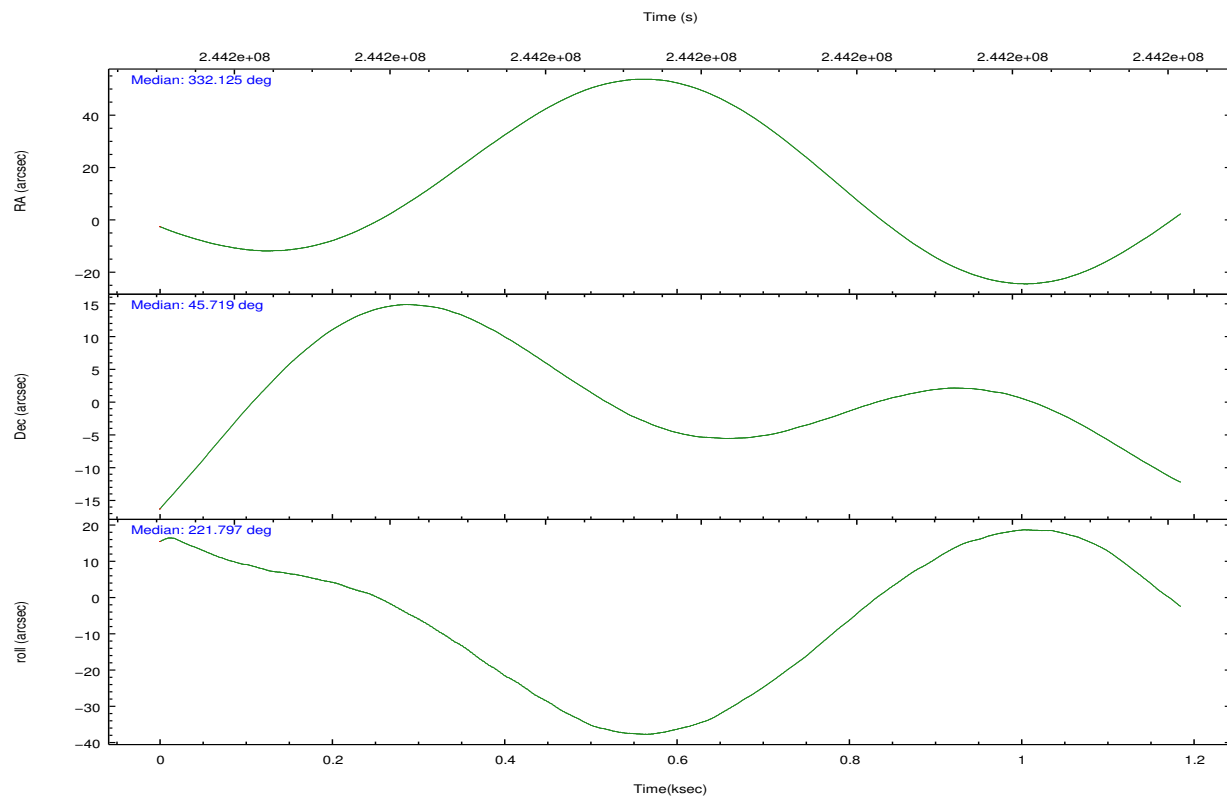
	segment 0
level 1 events	278211
rejected events	59773
rejected %	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.140081	332.1273325072994			
[deg] Pointing Dec	45.744630	45.71921404898291			
[deg] Pointing Roll	221.883133	221.7968956002573			
[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)	244203752.184000	244203376.28479			
Observation start date	2005-09-27T10:21:28	2005-09-27T10:16:16			
[s] Observation end time (MET)	244204752.184000	244204886.10986			
Observation end date	2005-09-27T10:38:08	2005-09-27T10:41:26			

2.3 Aspect



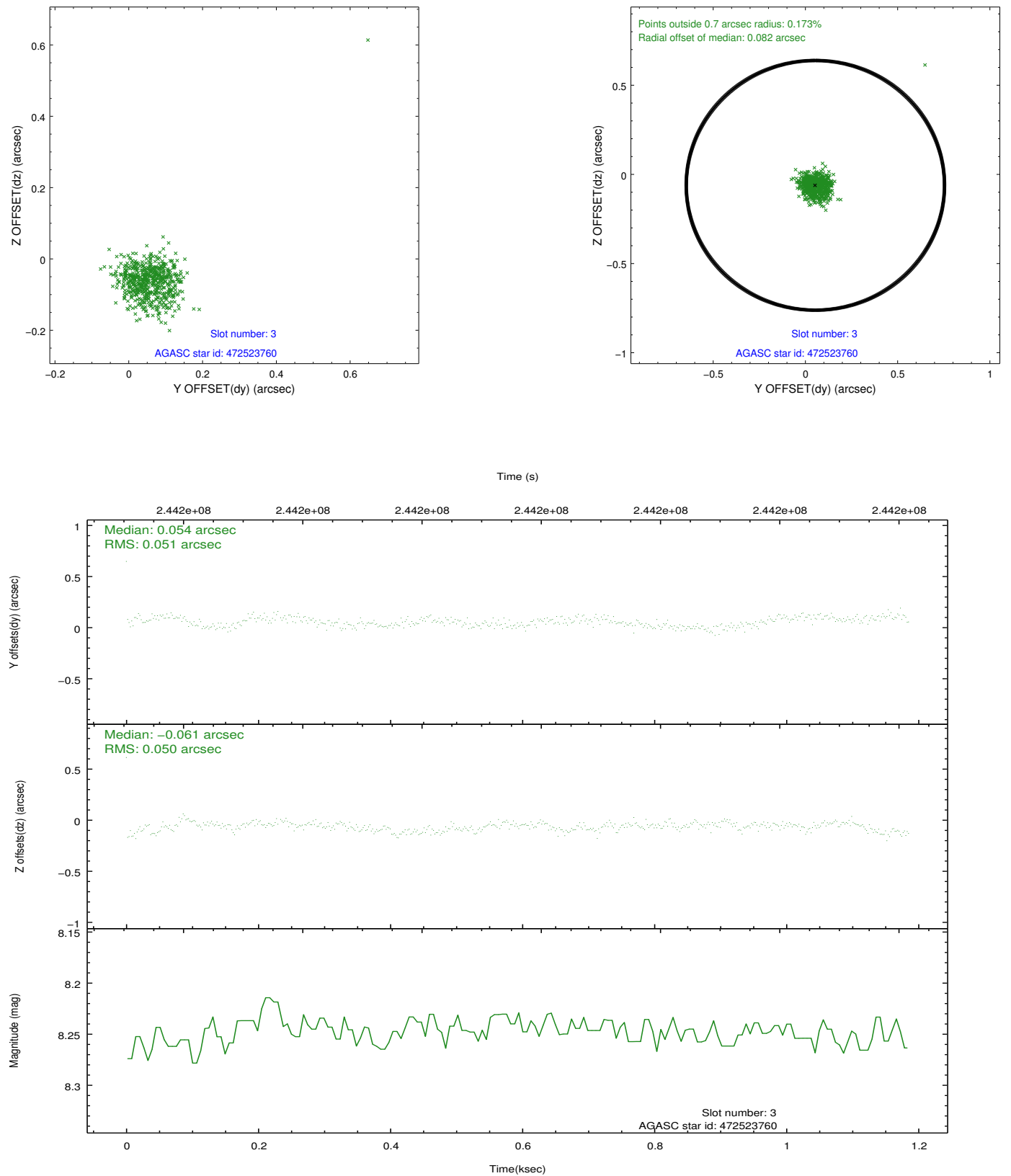


Slot Statistics

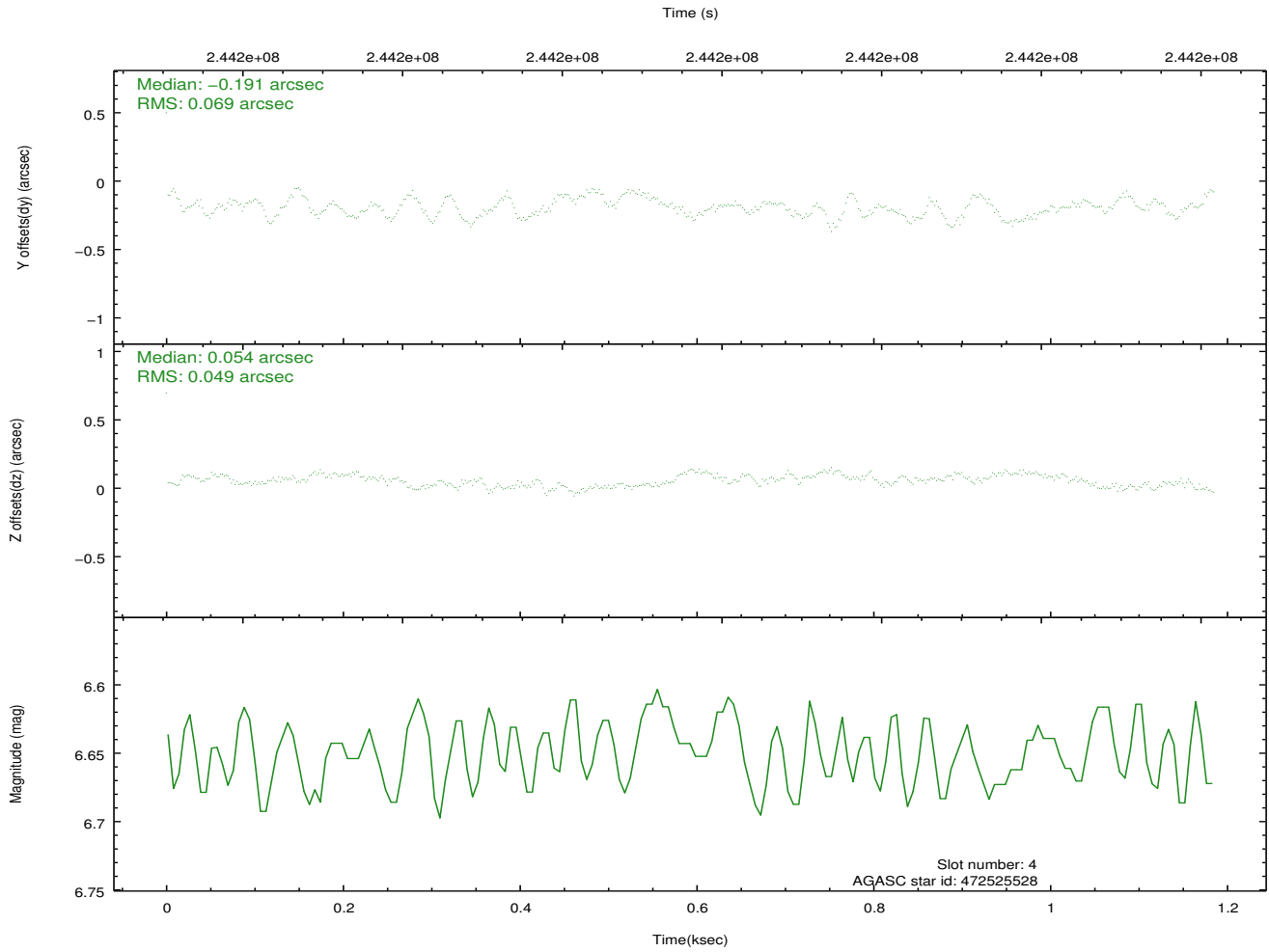
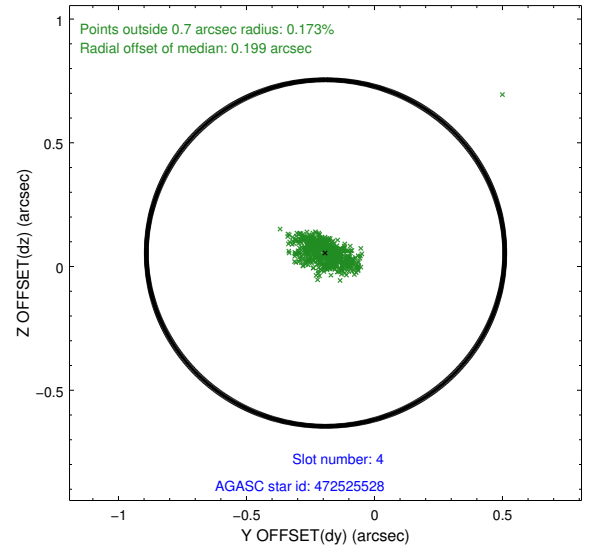
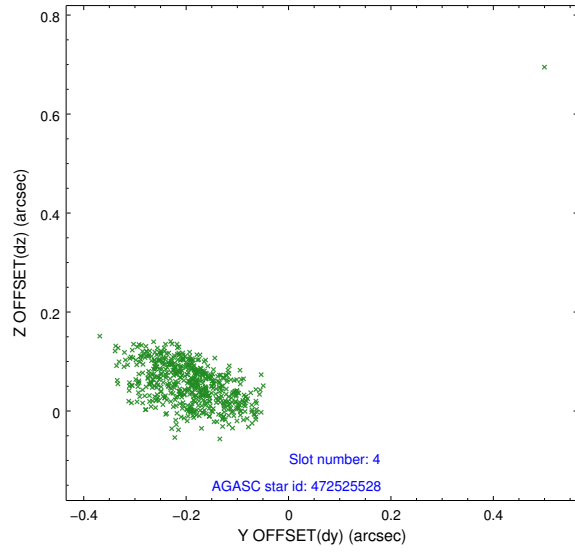
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	290	0.103	-0.084	0.007	0.010	0.000000	0.000000	848.37	-1297.93
1	FID	HRC-I-3	7.07	290	-0.079	0.039	0.007	0.011	0.000000	0.000000	-1189.99	1003.86
2	FID	HRC-I-4	7.00	290	0.095	-0.042	0.006	0.010	0.000000	0.000000	1274.43	1009.31
3	GUIDE	472523760	8.25	578	0.054	-0.061	0.066	0.100	331.645363	45.403260	1747.83	81.31
4	GUIDE	472525528	6.65	579	-0.191	0.054	0.081	0.132	331.551102	45.248694	2301.35	332.92
5	GUIDE	472533912	9.16	576	0.028	-0.009	0.112	0.187	331.791136	46.368695	-852.78	-2248.18
6	GUIDE	472655152	9.43	579	0.006	-0.090	0.103	0.170	332.504239	45.862991	-968.13	290.87
7	GUIDE	472665256	9.02	578	0.099	0.096	0.067	0.109	332.808125	46.195041	-2329.26	-96.36

2.4 Star Slots

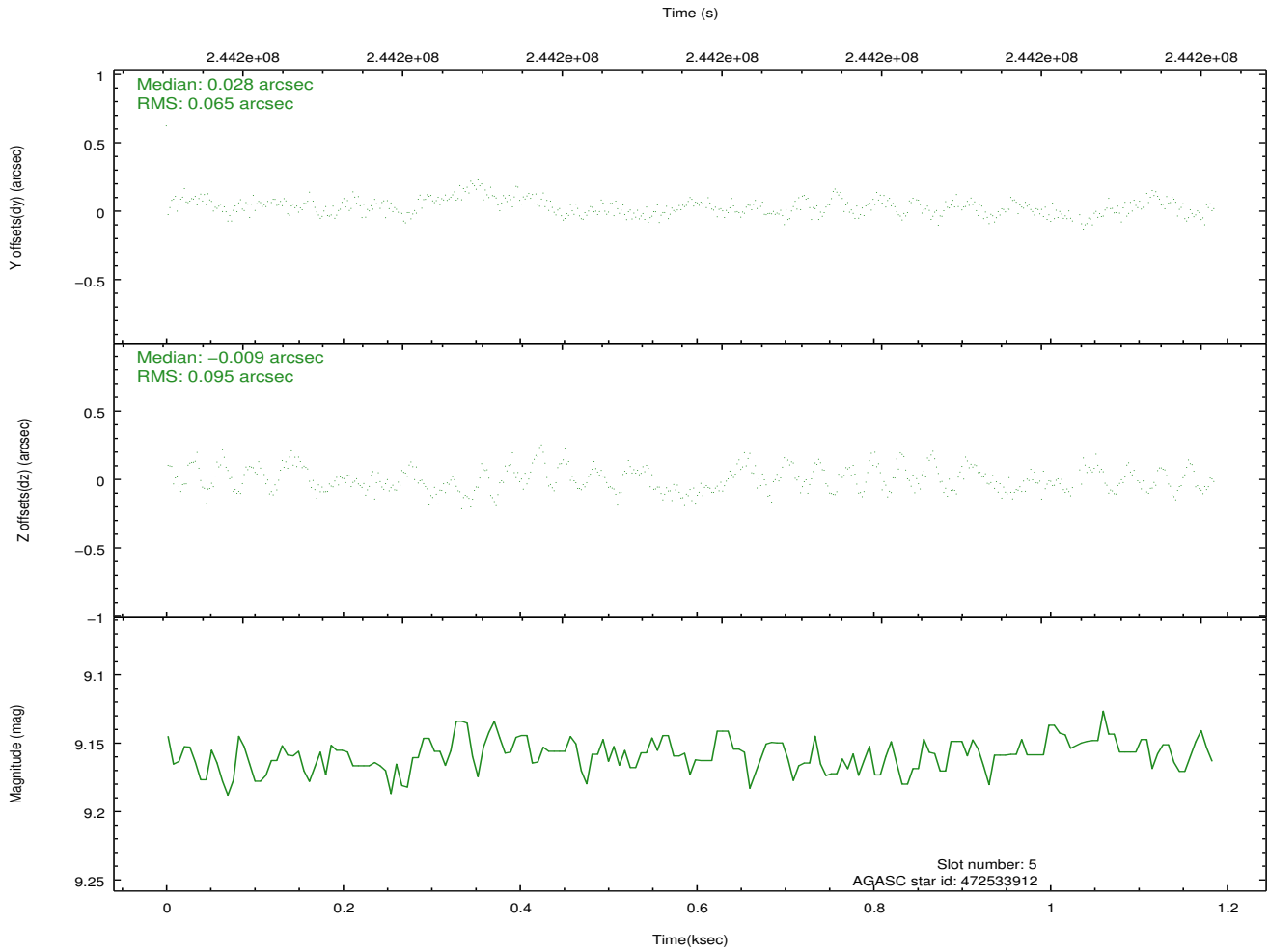
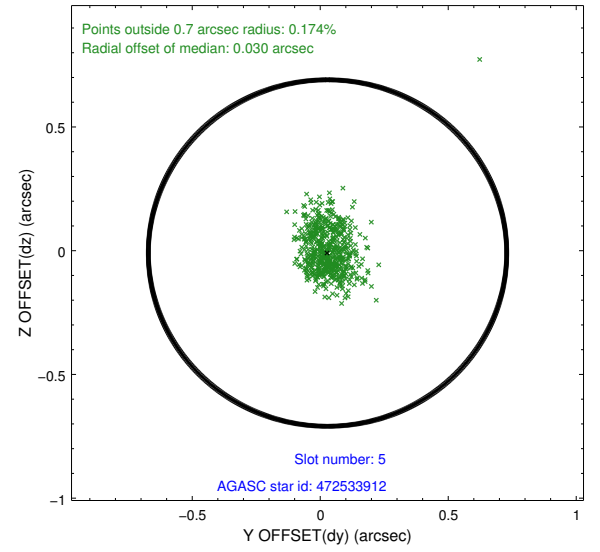
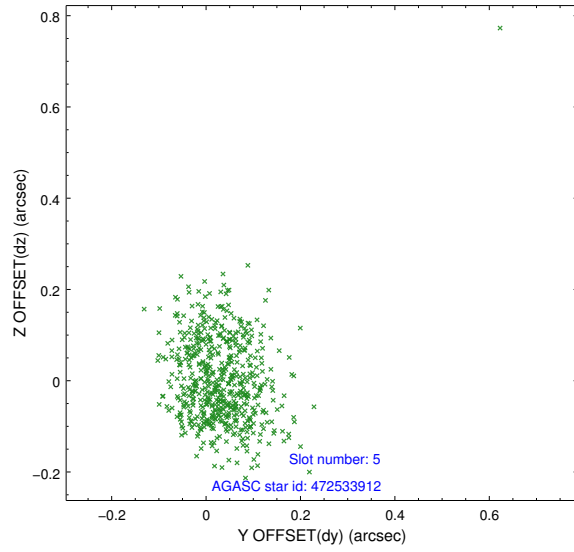
2.4.1 Slot 3



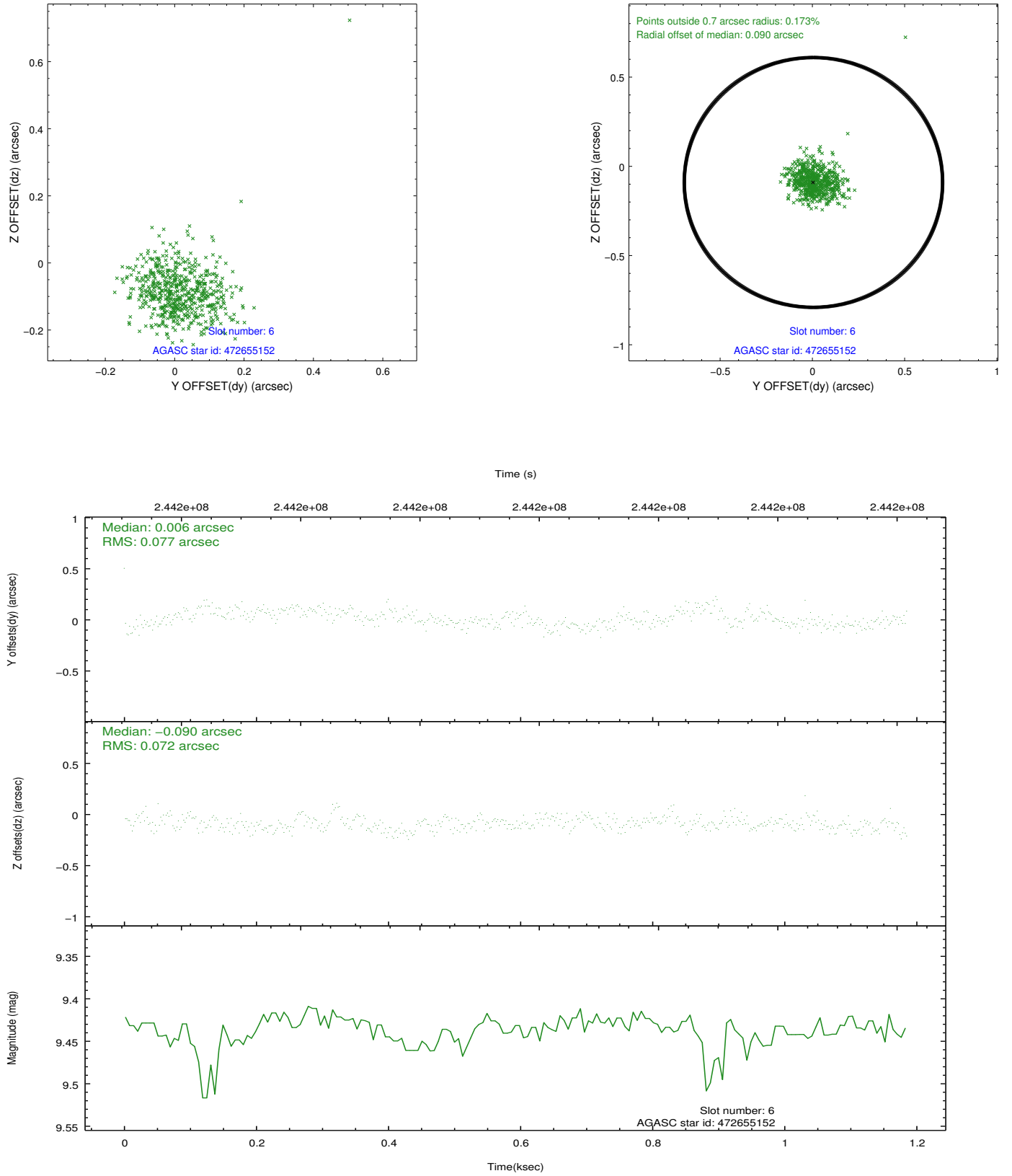
2.4.2 Slot 4



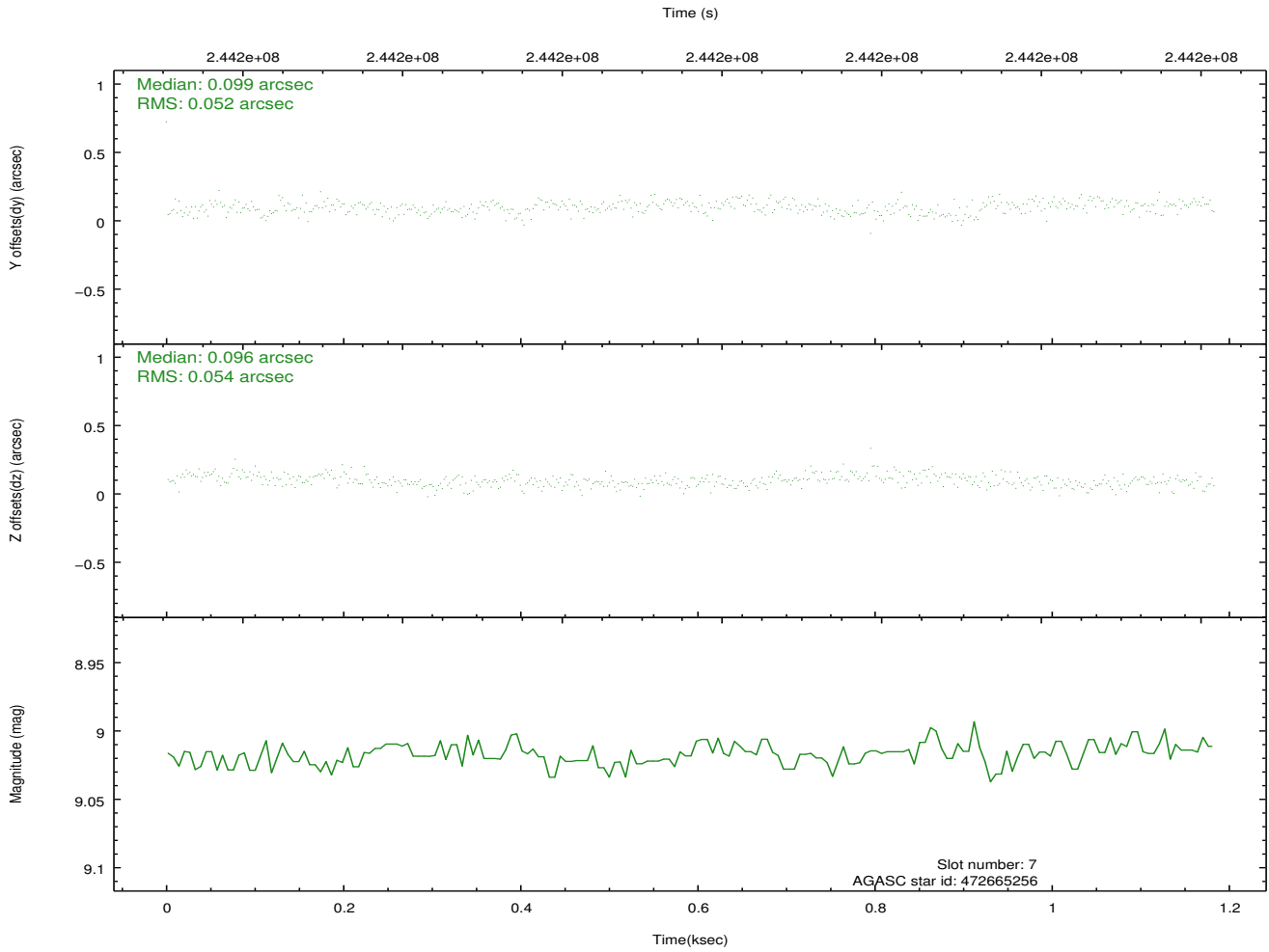
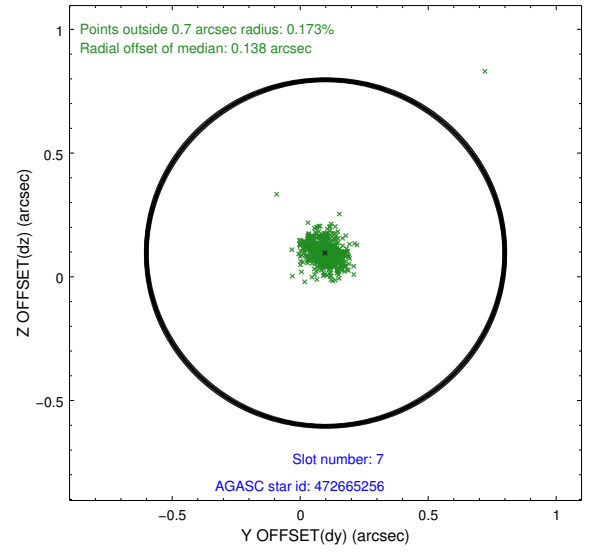
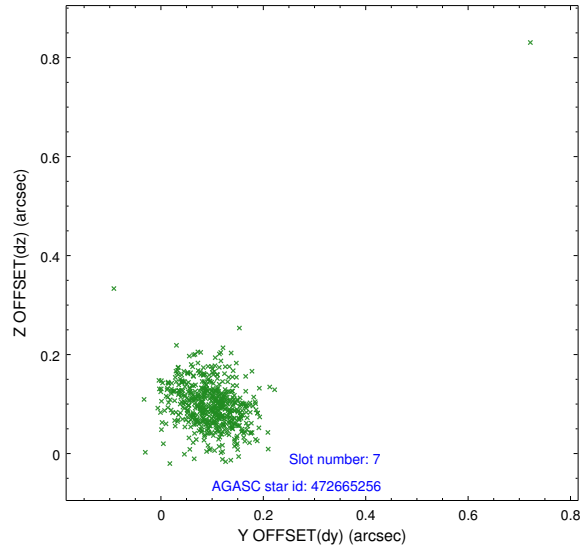
2.4.3 Slot 5



2.4.4 Slot 6

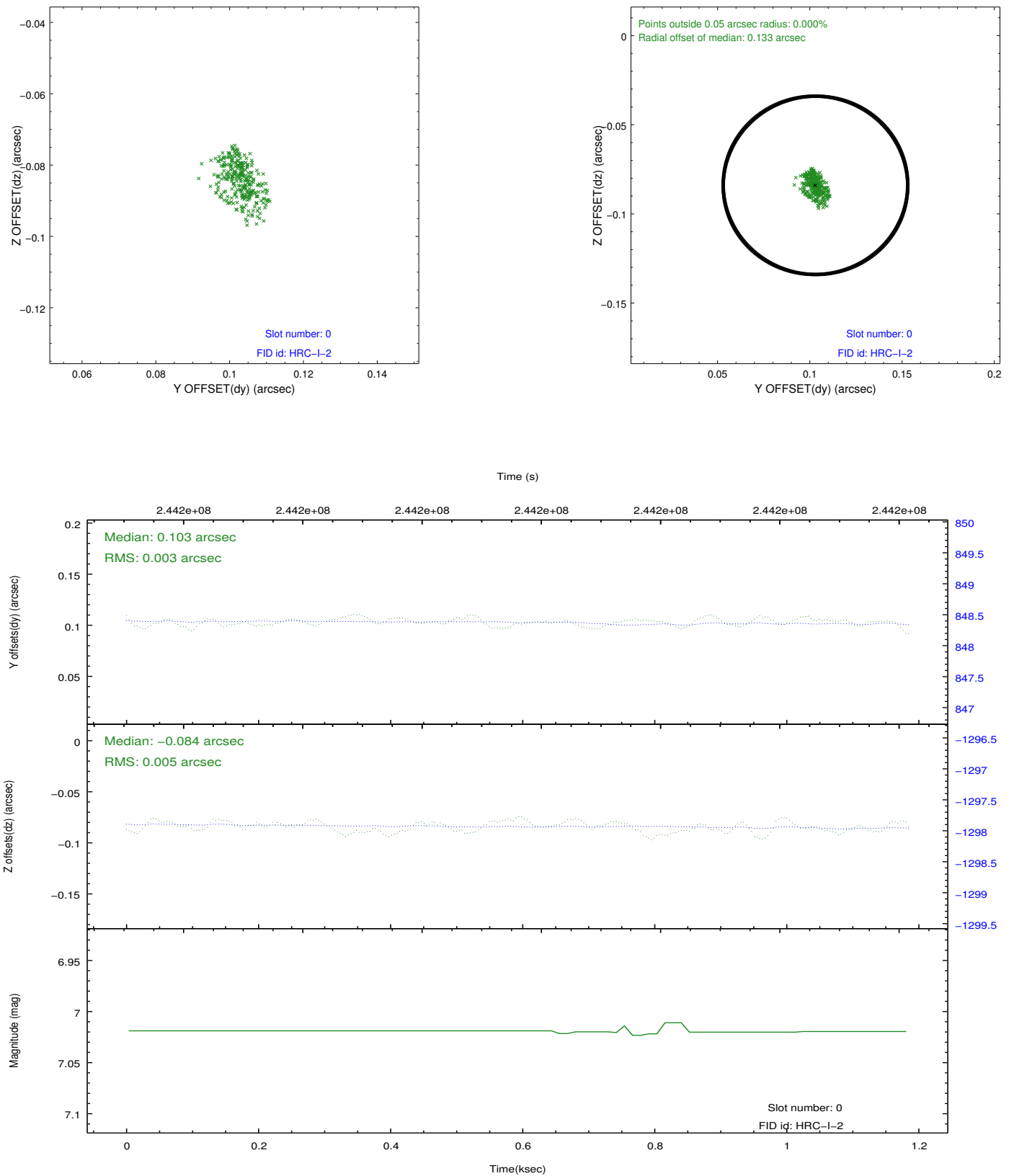


2.4.5 Slot 7

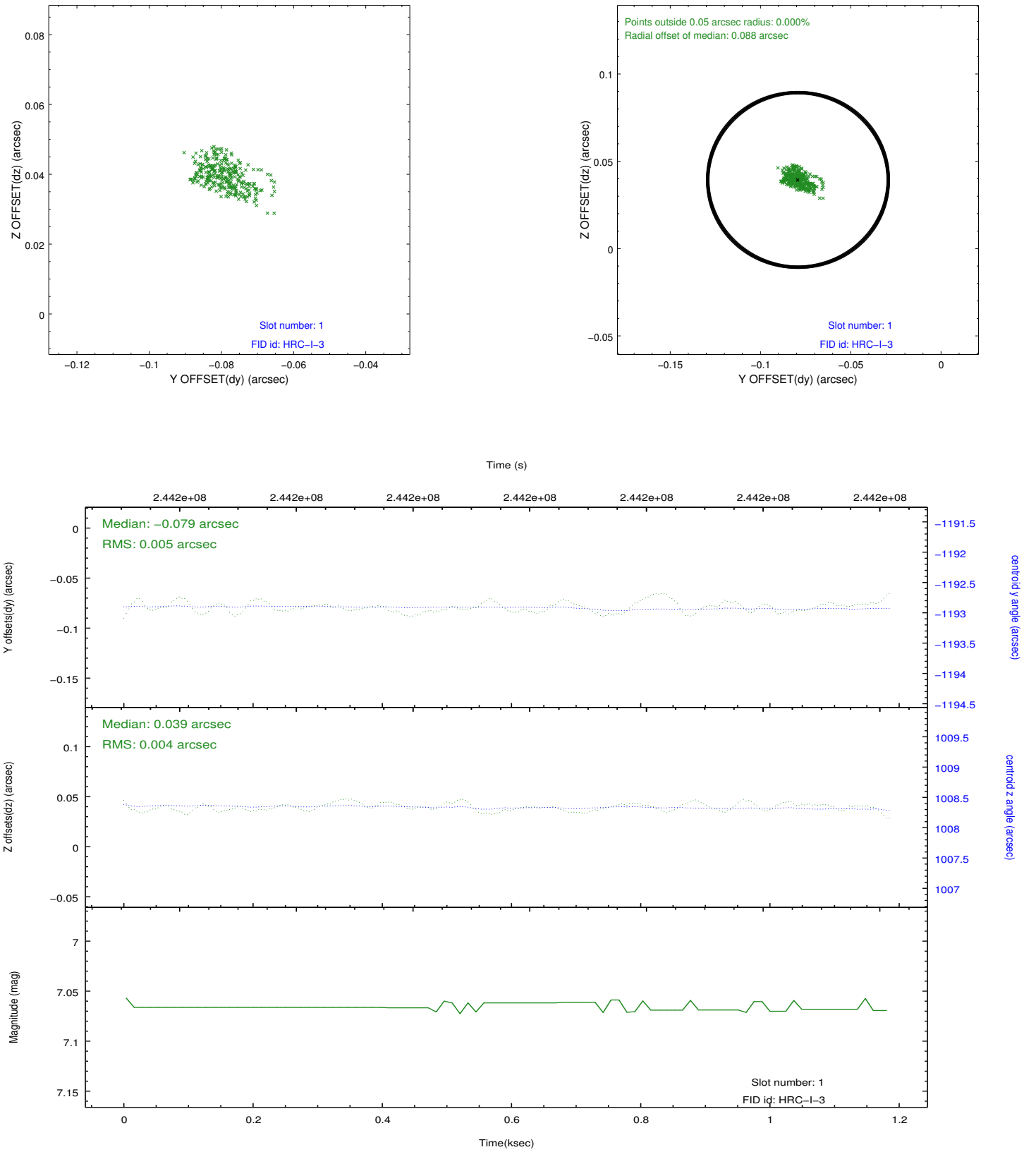


2.5 FID Slots

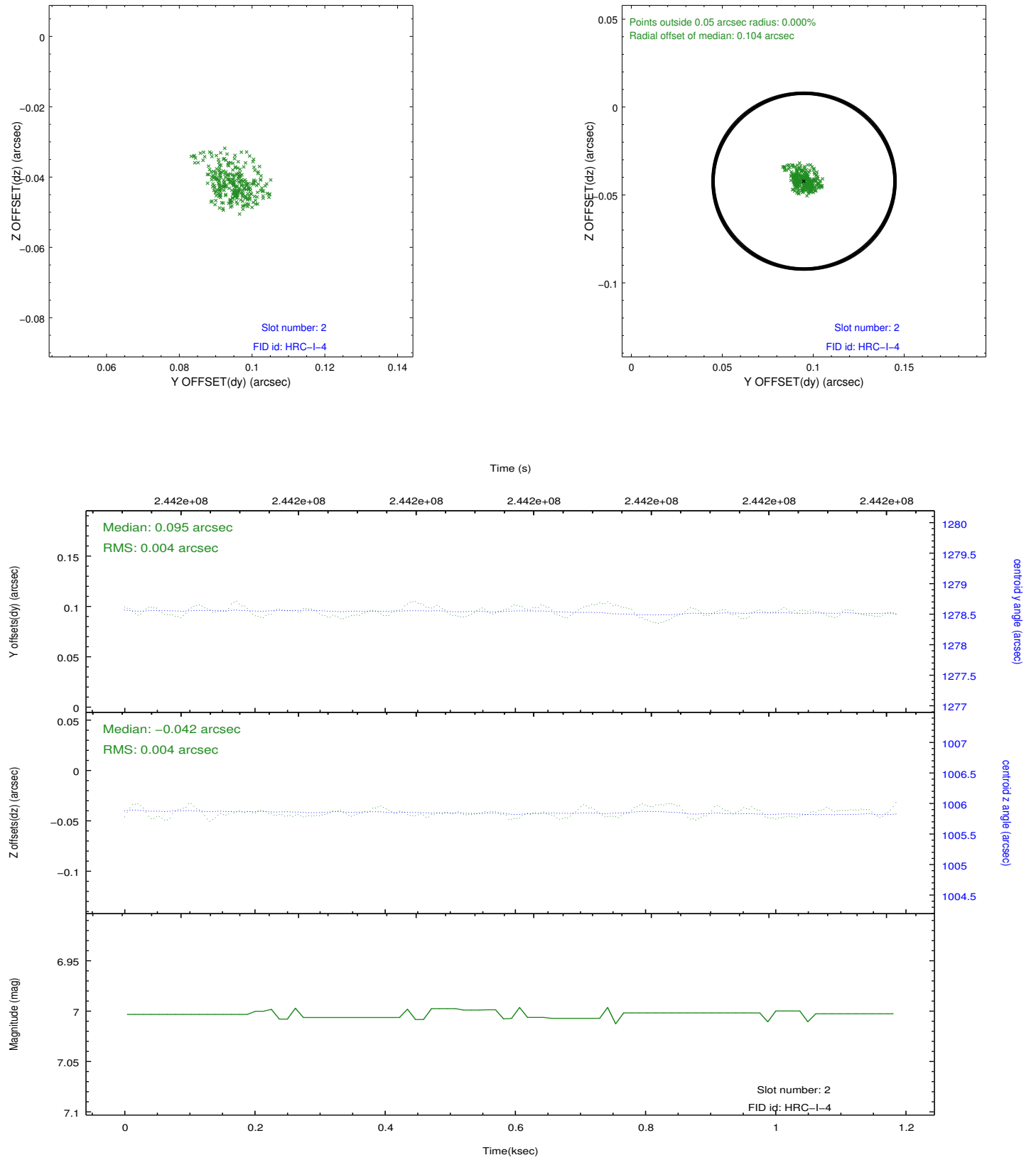
2.5.1 Slot 0



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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.184131

A.2 Comments