

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5980 - L2 Version 4
Chandra X-Ray Center

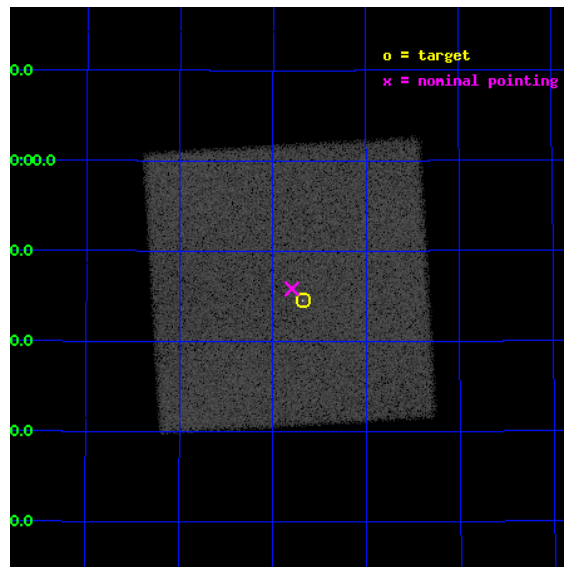
L2 Processing Date : Dec 29 2012

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1 Front

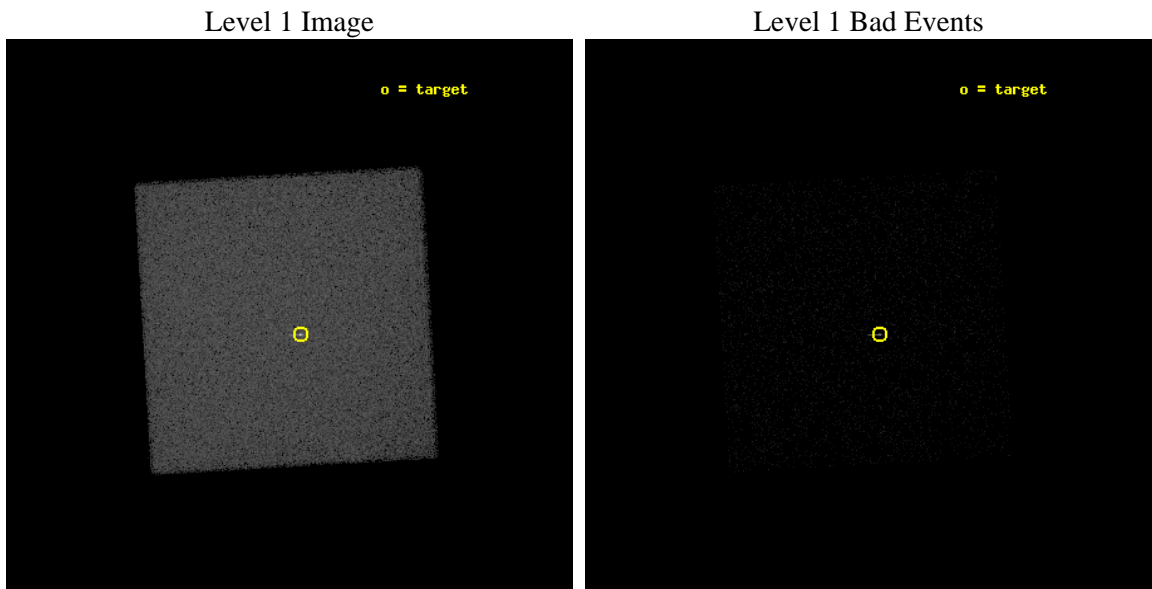
seq_num	290472	Sequence number
obs_id	5980	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19923423436	Nominal RA [deg]
dec_nom	45.763955958408	Nominal Dec [deg]
roll_nom	221.65040161371	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1182.0813043714	[s]
livetime	592.15602549537	Ontime multiplied by DTCOR
l2events	169181	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	1182.0813043714	[s]
caldbver	4.5.5	 	l1events	276750	Number of level 1 events
date	2012-12-29T12:58:46	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

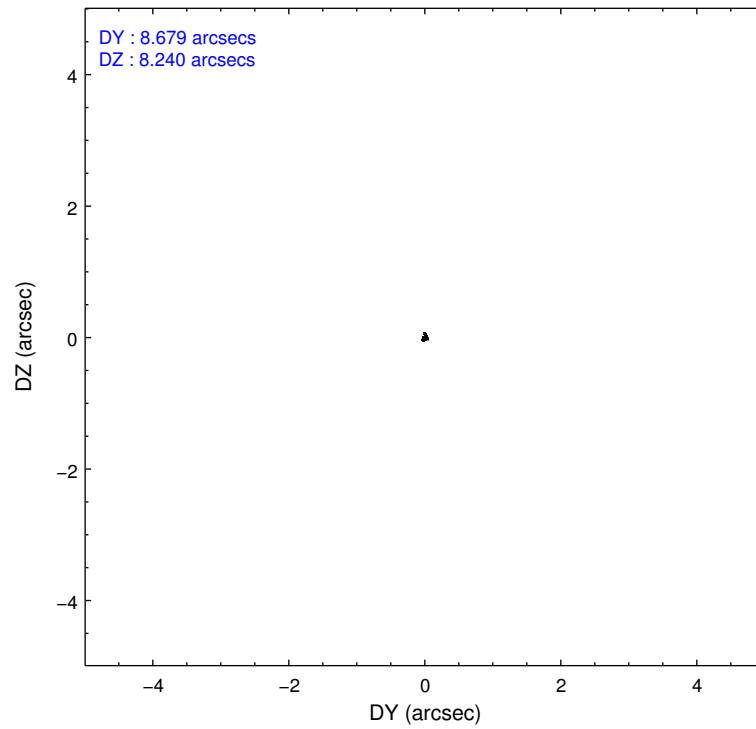
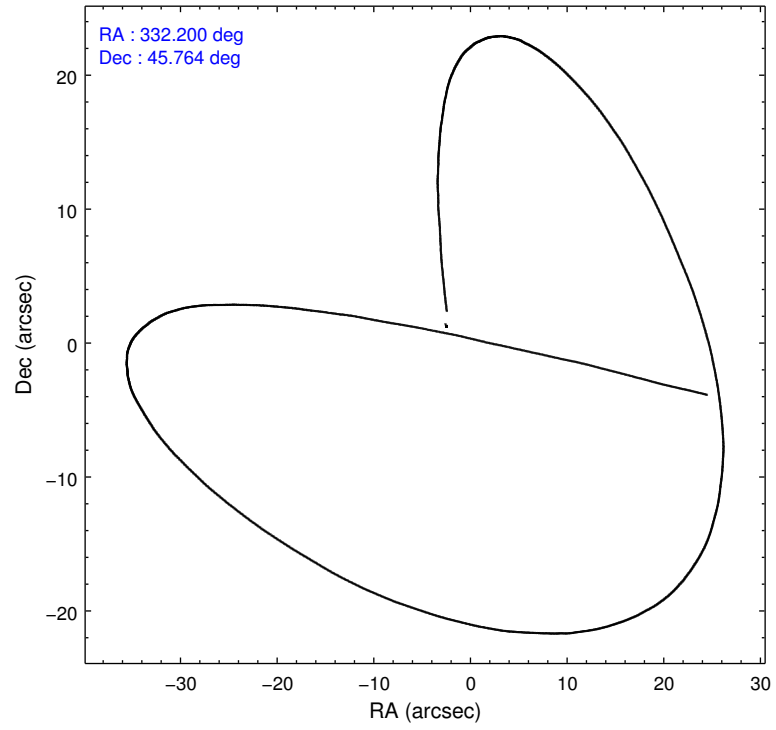
Level 1 Events

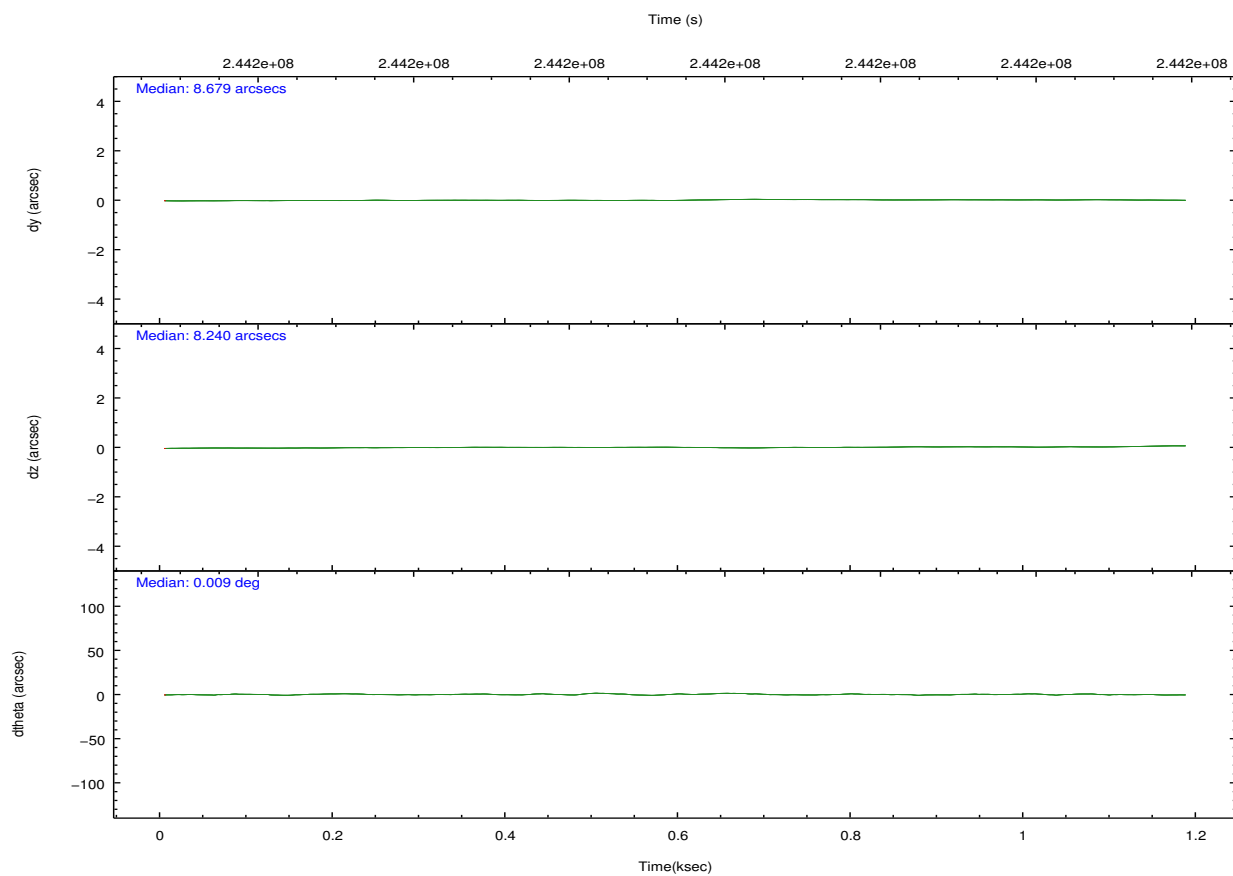
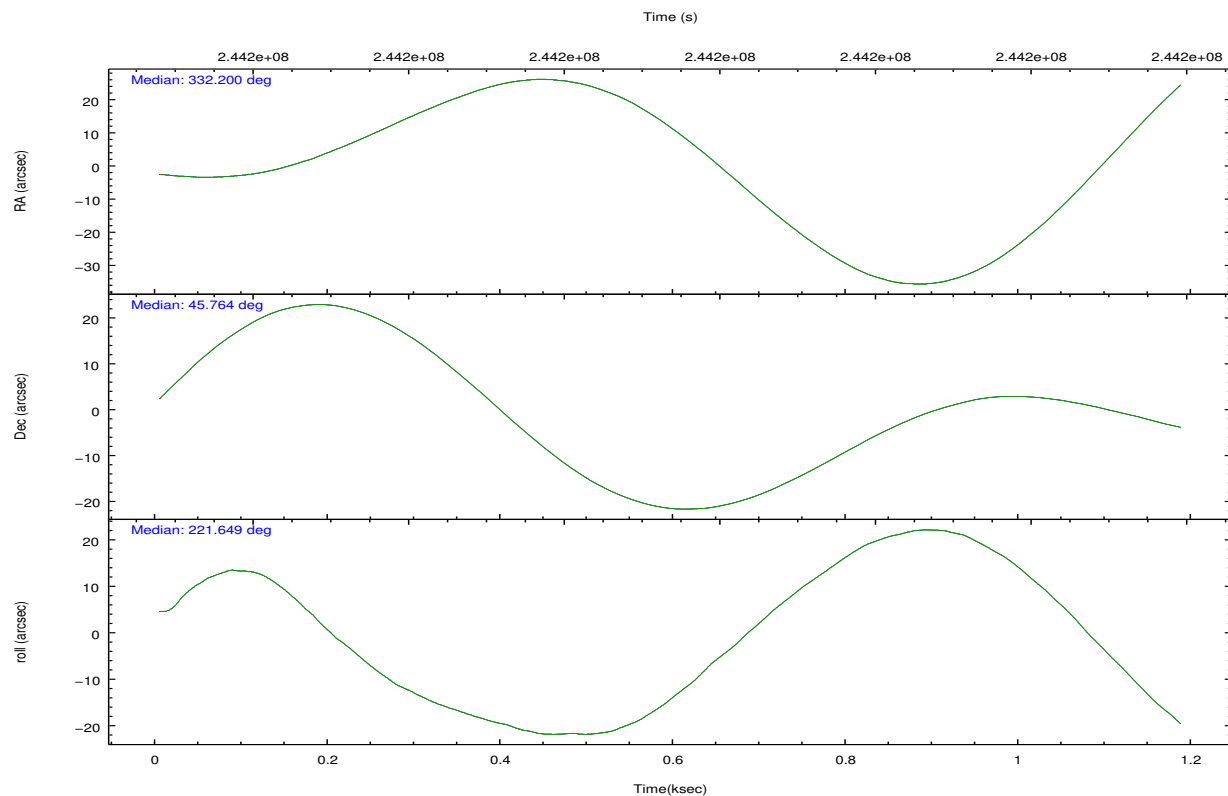
	segment 0
level 1 events	276750
rejected events	60528
rejected %	21%

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	332.211374	332.1992342343649			
[deg] Pointing Dec	45.789062	45.76395595840756			
[deg] Pointing Roll	221.737200	221.6504016137133			
[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)	244200732.184000	244200356.12215			
Observation start date	2005-09-27T09:31:08	2005-09-27T09:25:56			
[s] Observation end time (MET)	244201732.184000	244201866.45972			
Observation end date	2005-09-27T09:47:48	2005-09-27T09:51:06			

2.3 Aspect



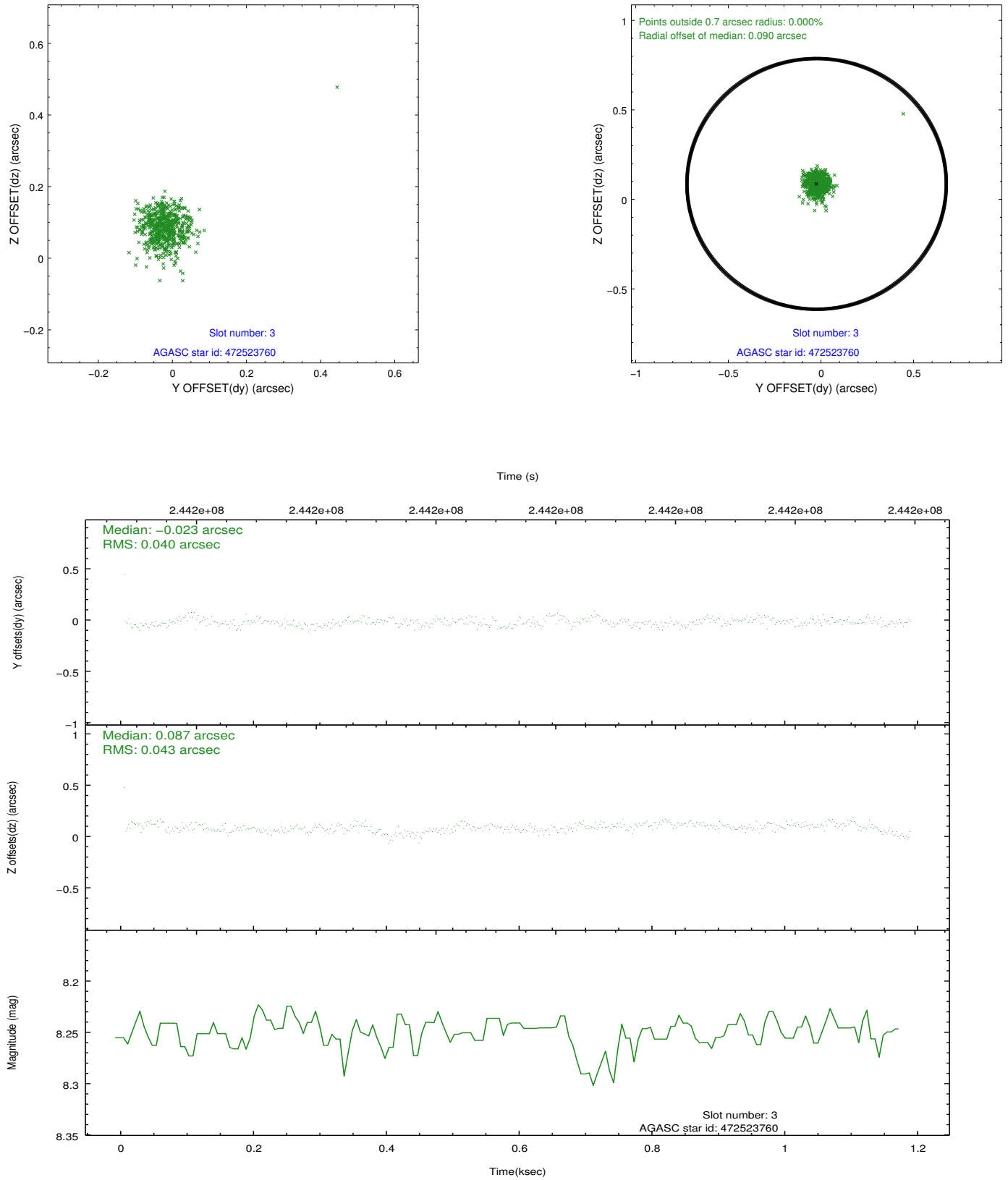


Slot Statistics

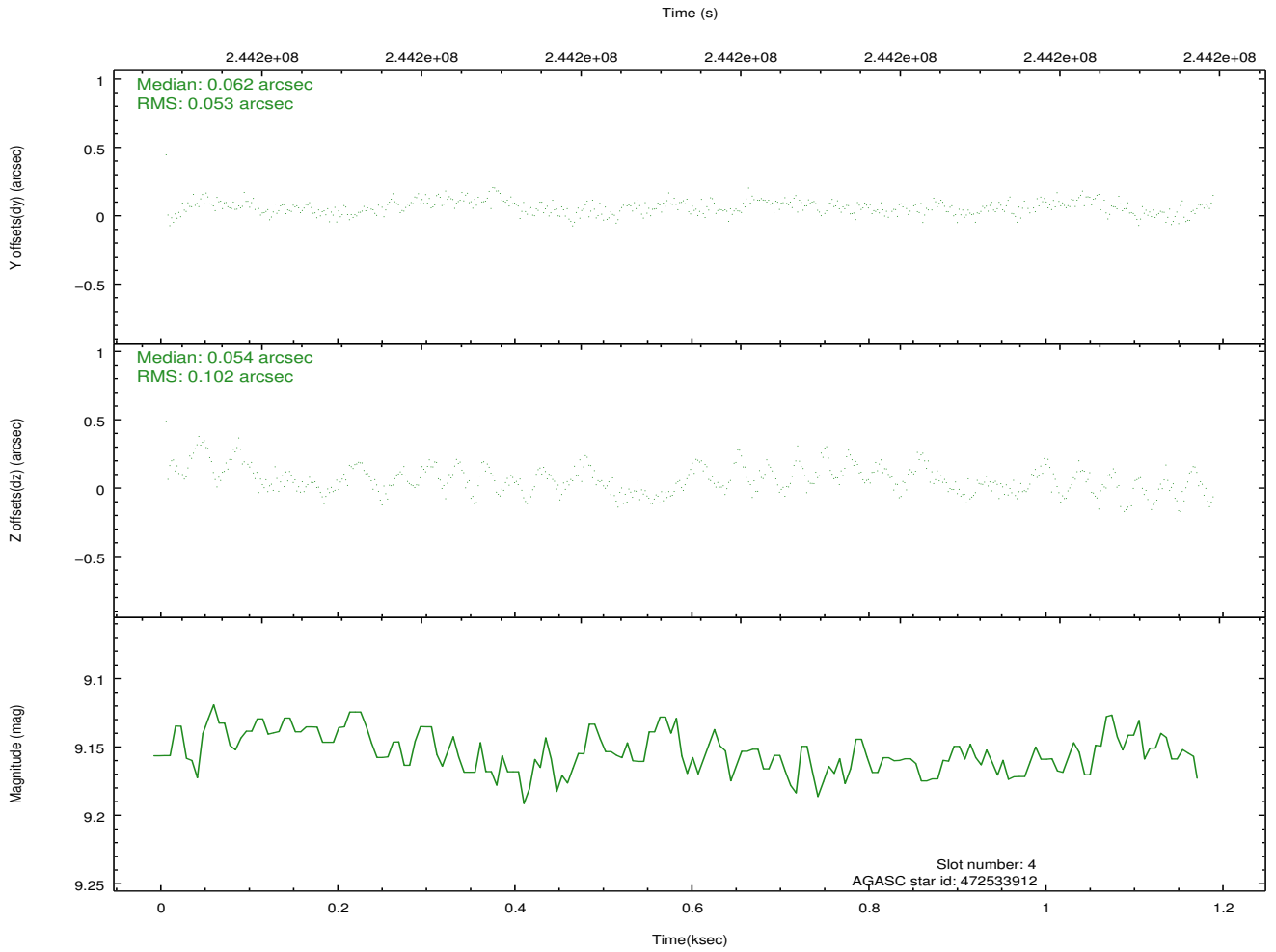
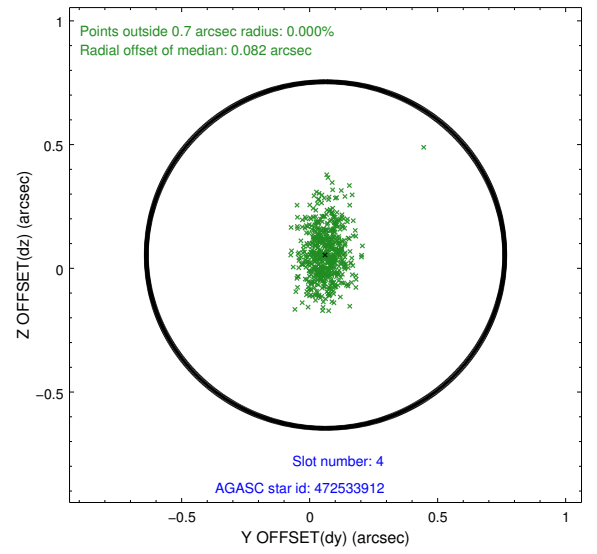
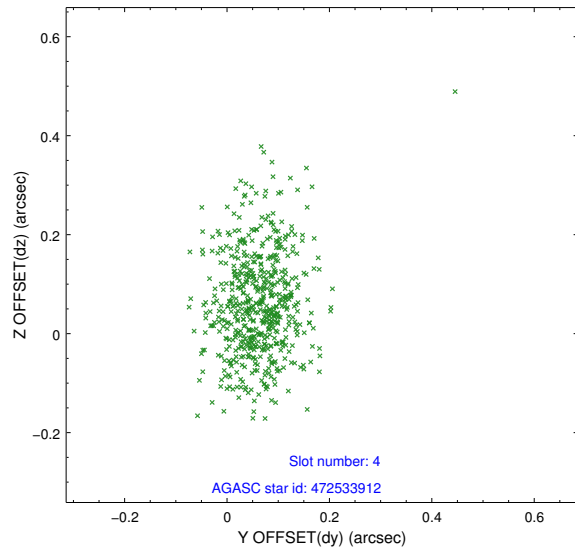
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	289	0.106	-0.083	0.006	0.010	0.000000	0.000000	848.42	-1297.78
1	FID	HRC-I-3	7.07	289	-0.085	0.042	0.006	0.010	0.000000	0.000000	-1189.94	1004.00
2	FID	HRC-I-4	7.01	289	0.098	-0.045	0.006	0.010	0.000000	0.000000	1274.47	1009.47
3	GUIDE	472523760	8.25	578	-0.023	0.087	0.058	0.090	331.645363	45.403260	1989.77	84.09
4	GUIDE	472533912	9.16	578	0.062	0.054	0.117	0.212	331.791136	46.368695	-607.51	-2250.18
5	GUIDE	472651904	6.15	578	-0.101	-0.235	0.085	0.129	332.170077	45.742257	189.39	55.84
6	GUIDE	472655152	9.42	574	0.006	-0.035	0.129	0.203	332.504239	45.862991	-724.60	292.99
7	GUIDE	472665256	9.01	577	0.055	0.120	0.076	0.119	332.808125	46.195041	-2086.60	-100.47

2.4 Star Slots

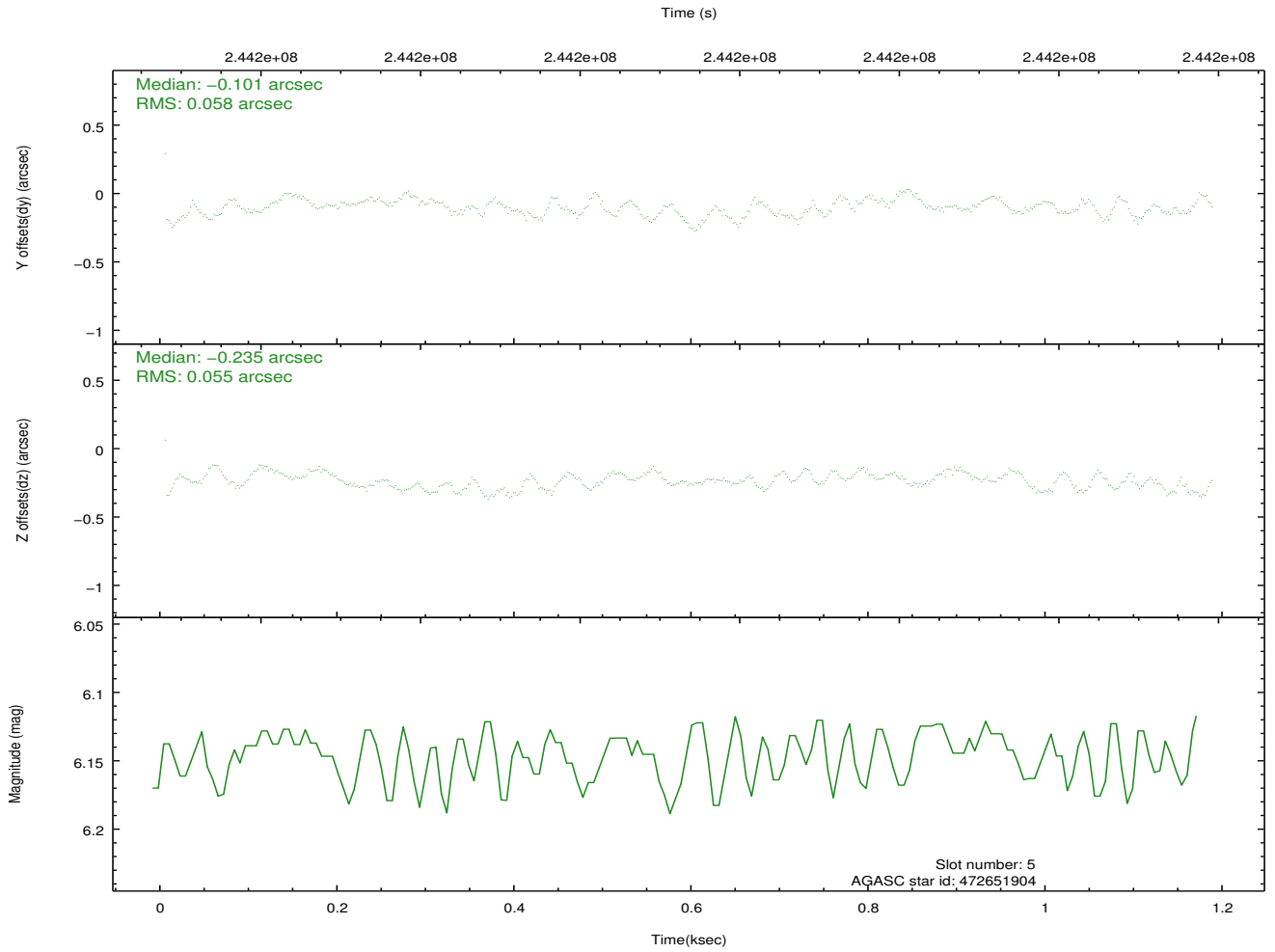
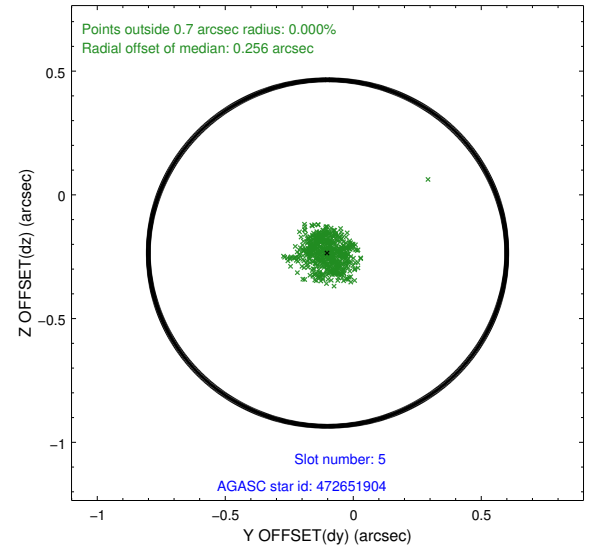
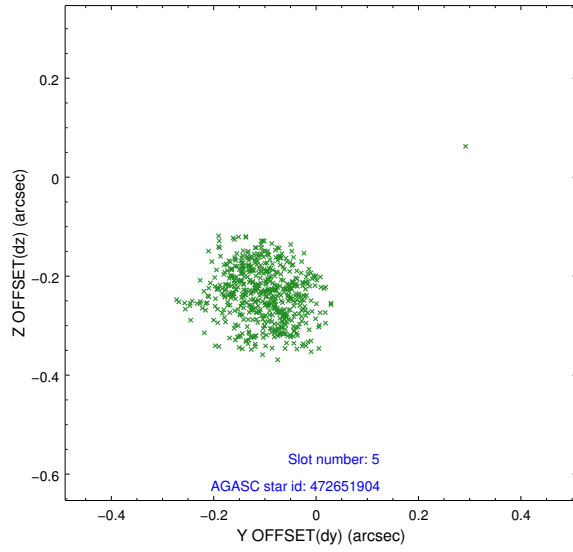
2.4.1 Slot 3



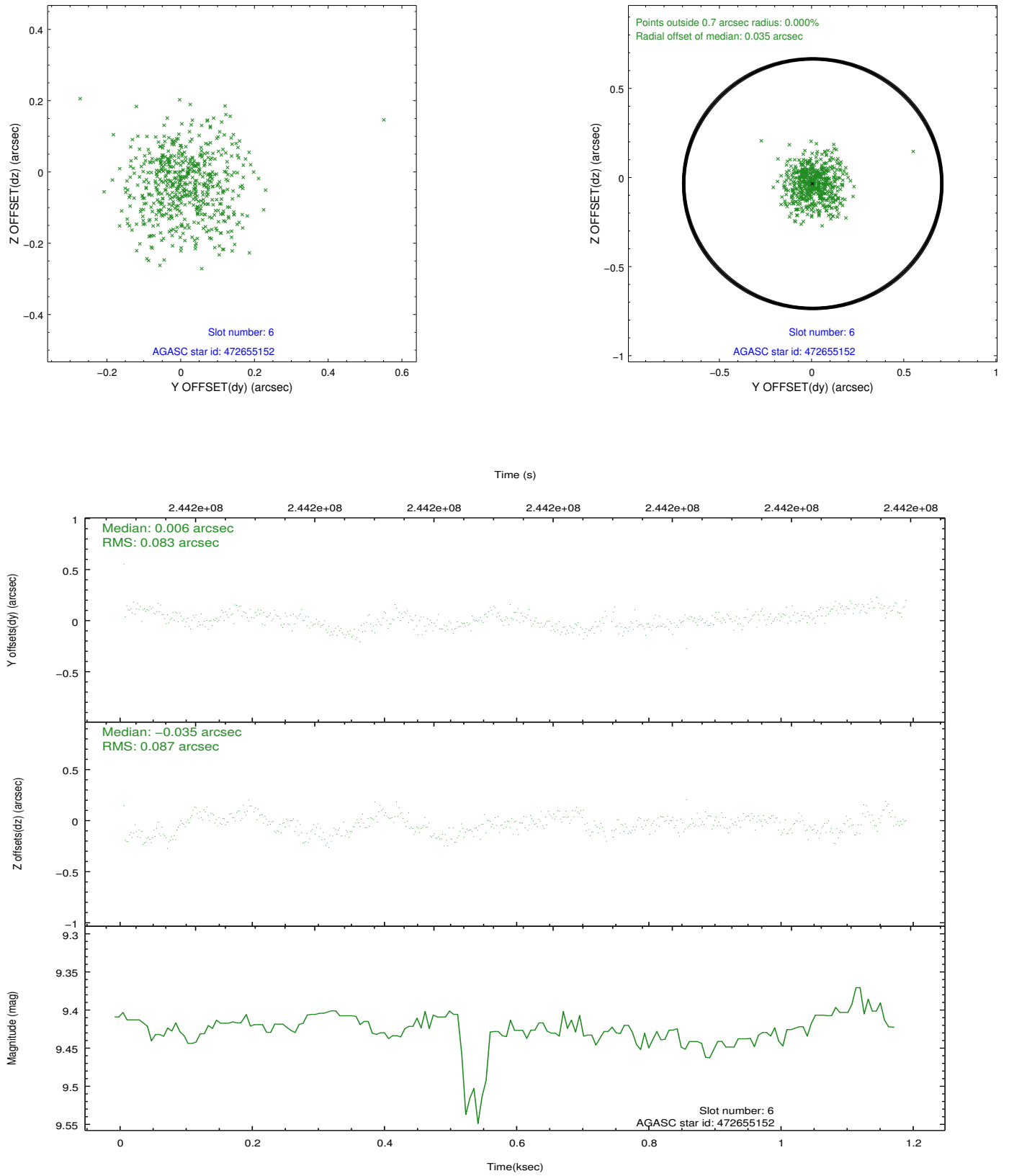
2.4.2 Slot 4



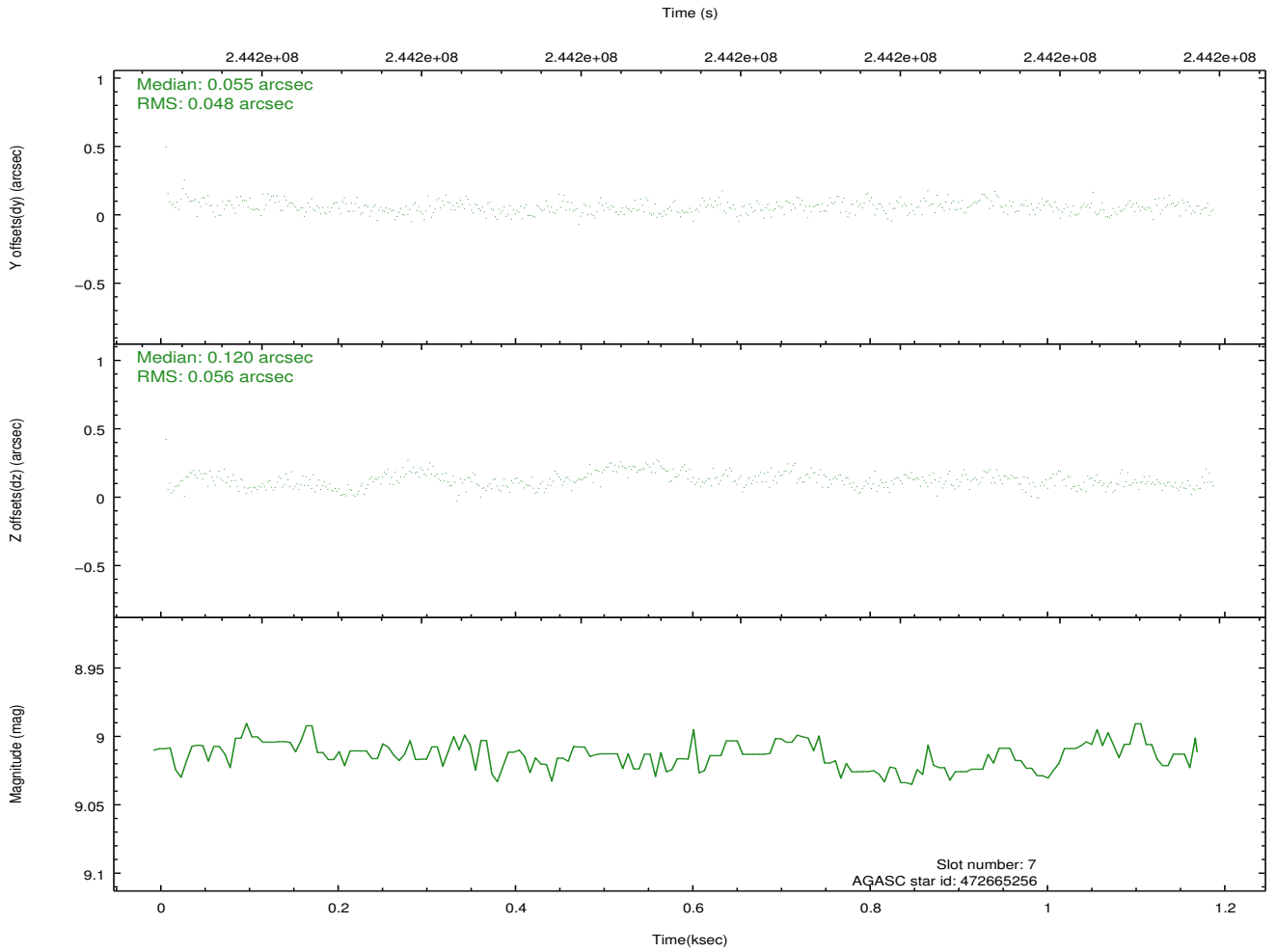
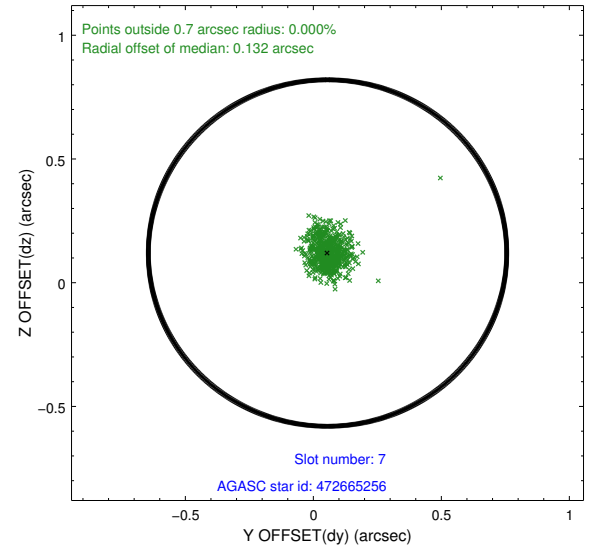
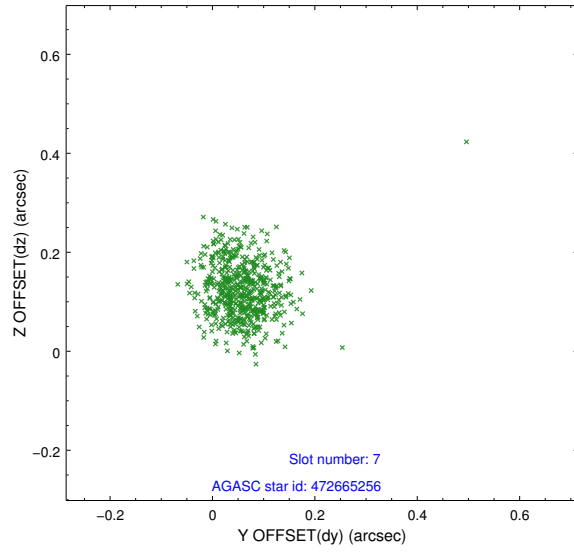
2.4.3 Slot 5



2.4.4 Slot 6

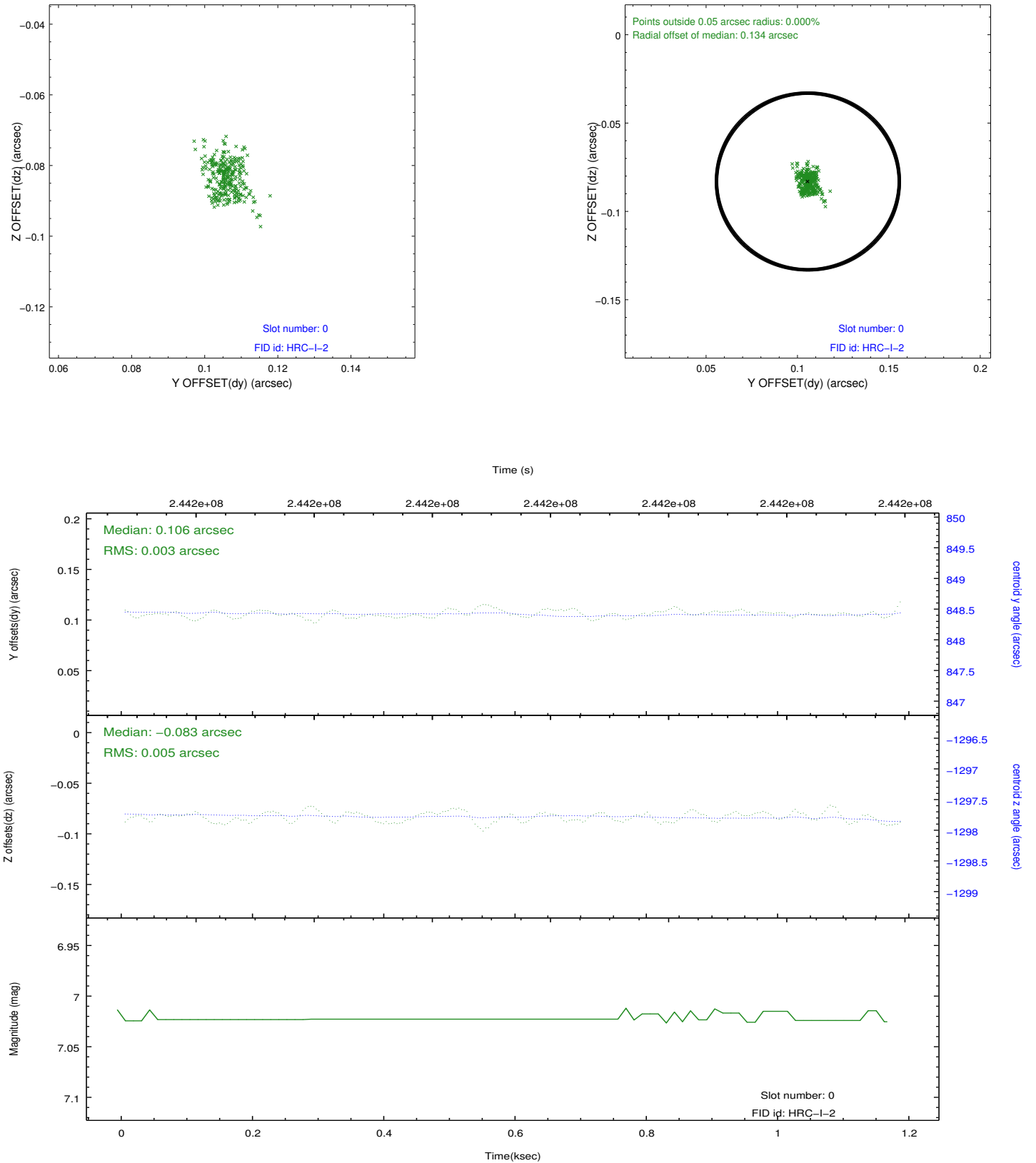


2.4.5 Slot 7

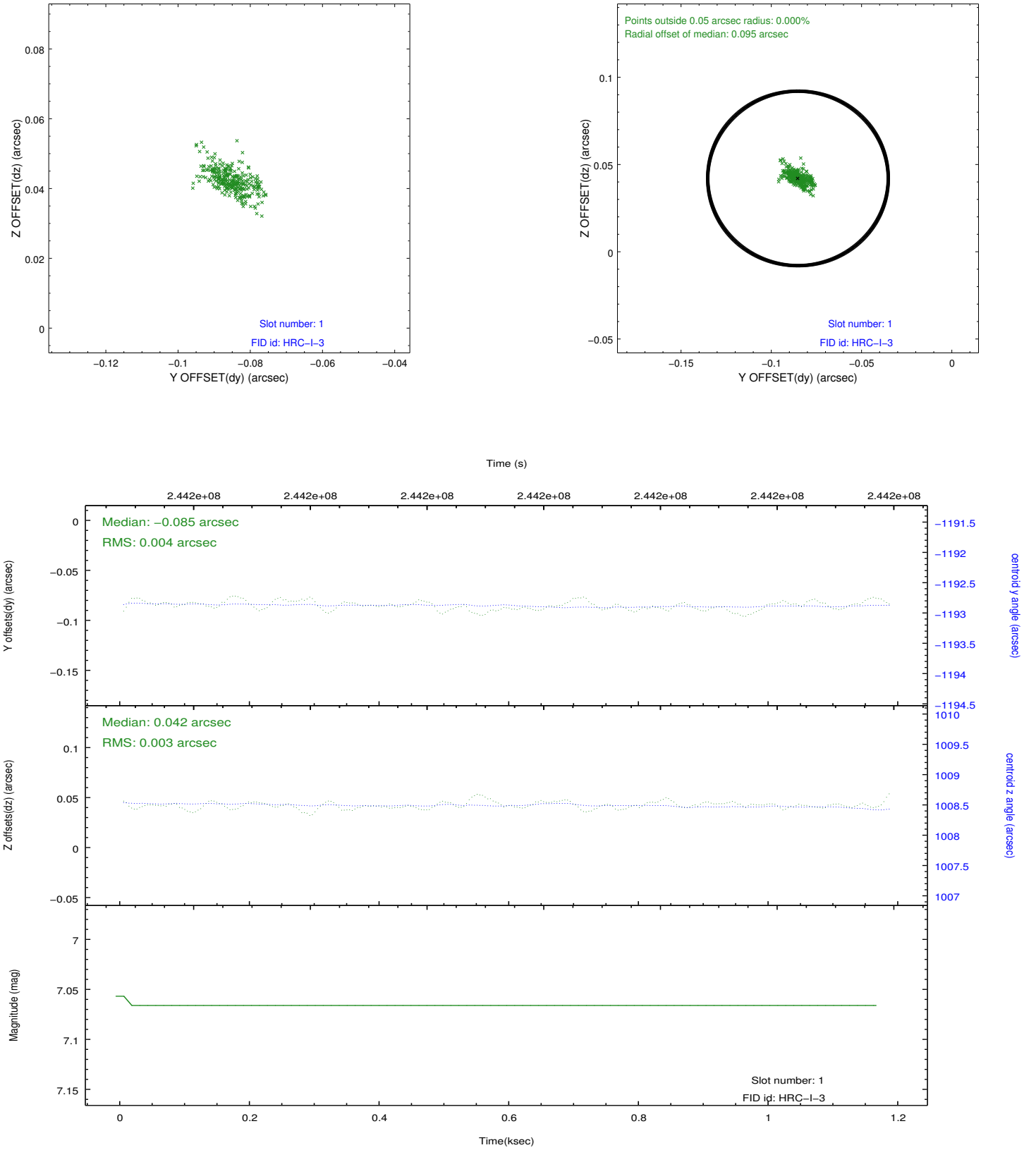


2.5 FID Slots

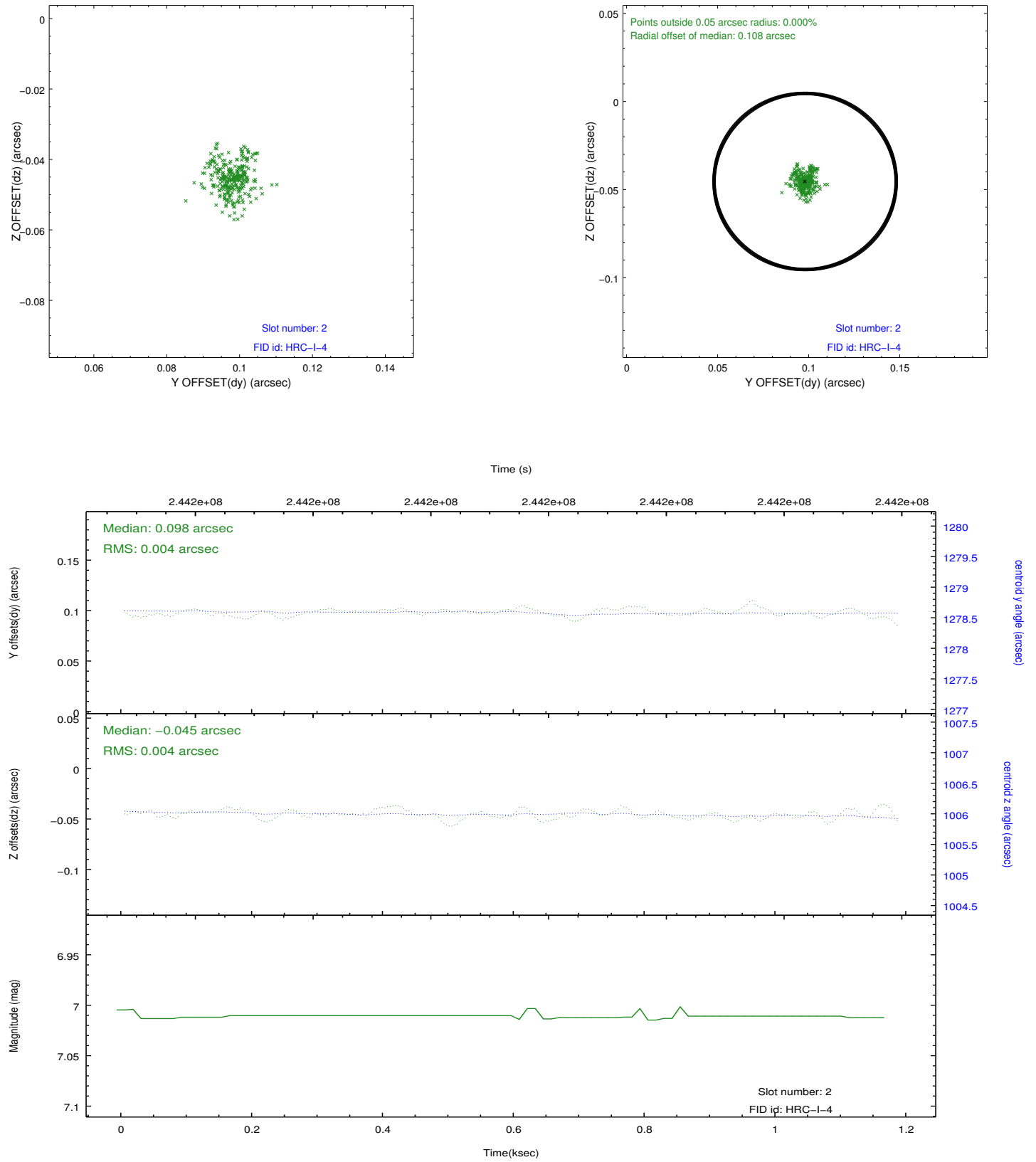
2.5.1 Slot 0



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	1.182081

A.2 Comments