

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6489 - L2 Version 3
Chandra X-Ray Center

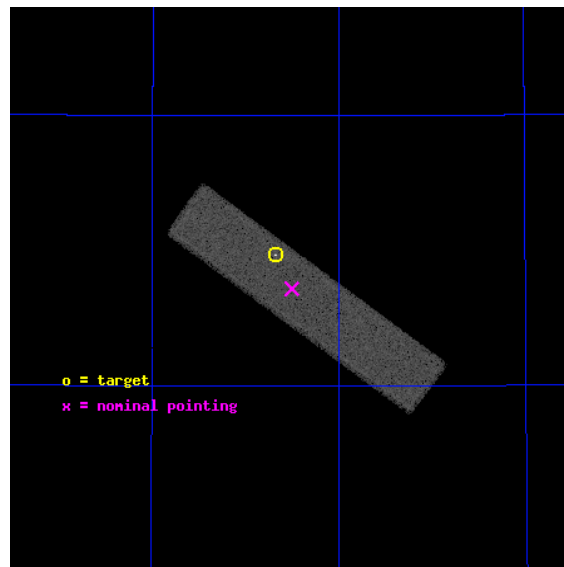
L2 Processing Date : Aug 11 2012

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1 Front

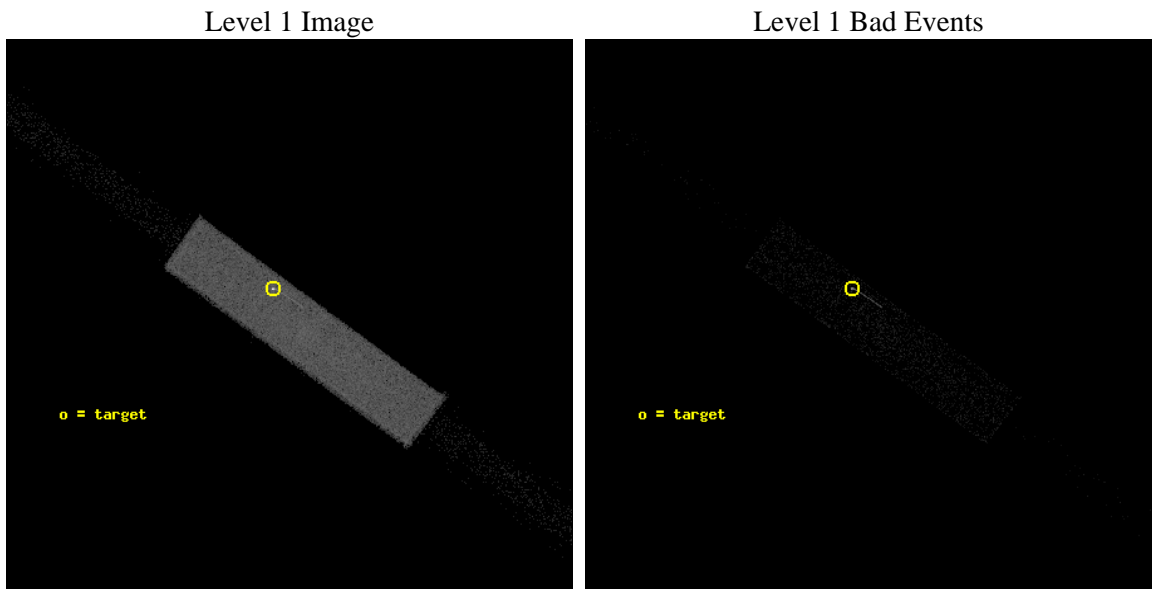
seq_num	290582	Sequence number
obs_id	6489	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12569806847	Nominal RA [deg]
dec_nom	45.679817813692	Nominal Dec [deg]
roll_nom	36.083084834286	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313035667	[s]
livetime	1142.3476076324	Ontime multiplied by DTCOR
l2events	63522	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	8.4.5	Processing system revision	ontime	1151.3313035667	[s]
caldbver	4.5.1.1	 	l1events	100861	Number of level 1 events
date	2012-08-11T05:26:48	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

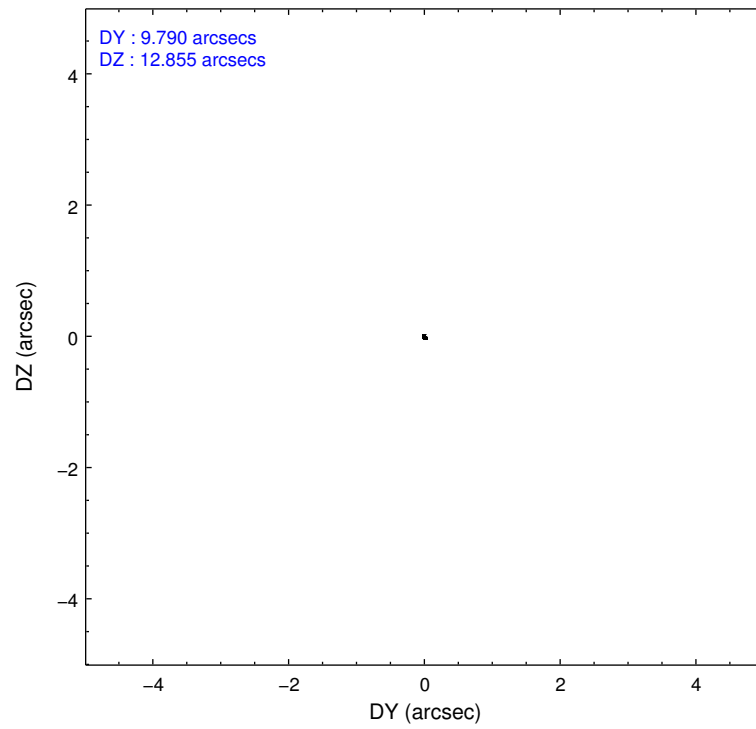
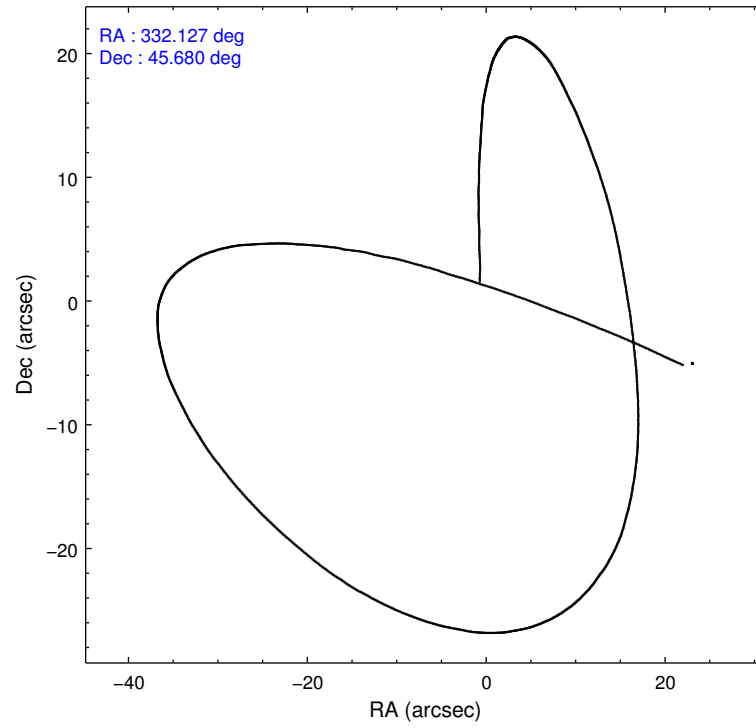
	segment 1	segment 2	segment 3
level 1 events	1028	98869	964
rejected events	1028	22490	964
rejected %	100%	22%	100%

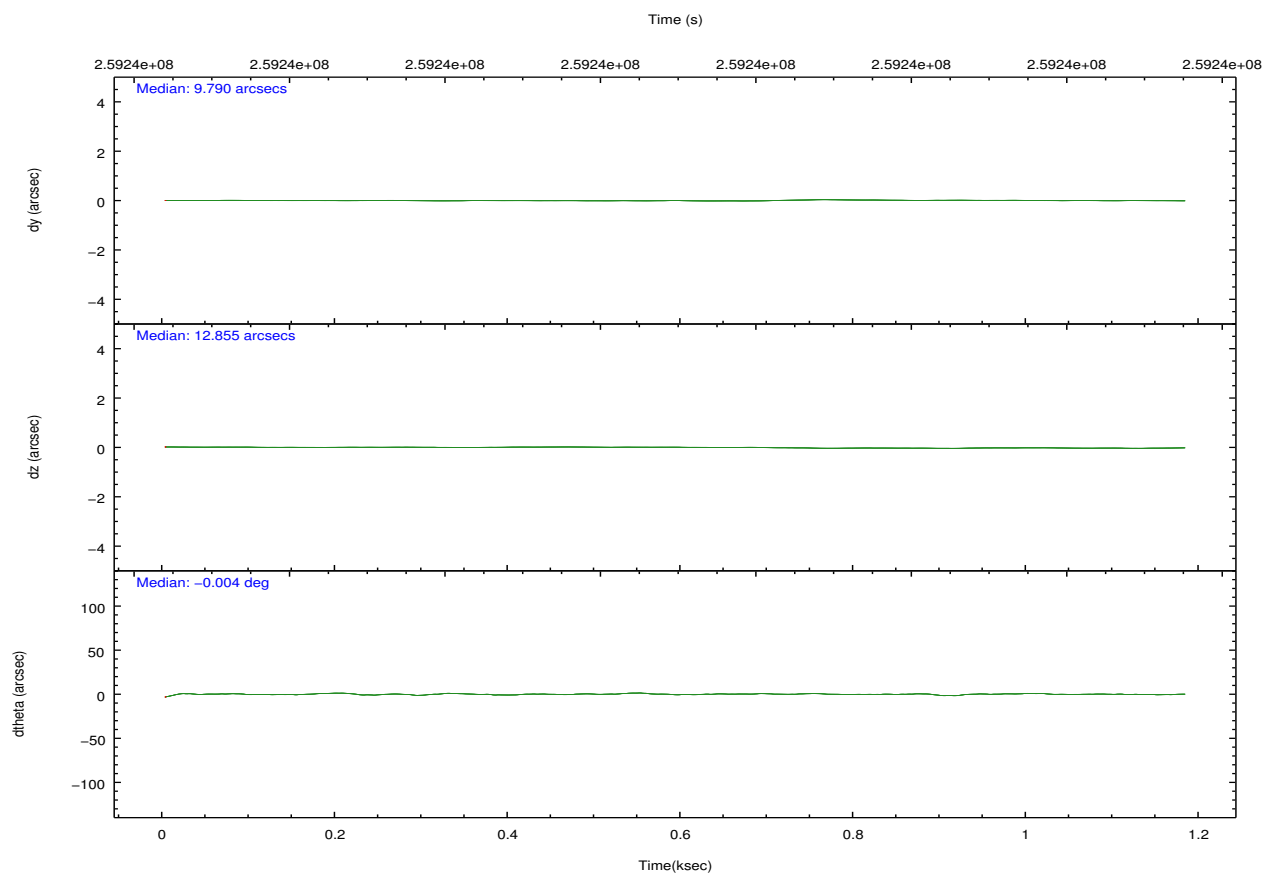
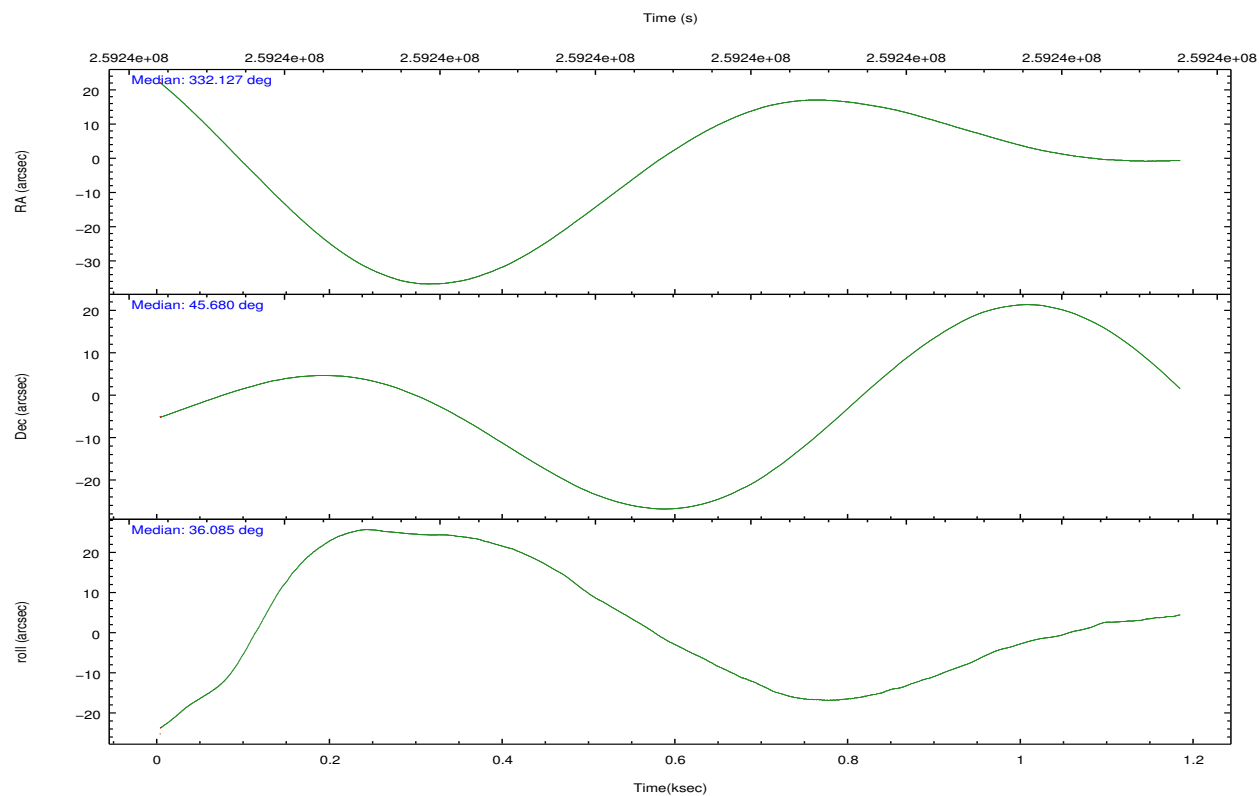
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.111641	332.1256980684669
[deg] Pointing Dec	45.652105	45.67981781369246
[deg] Pointing Roll	36.025867	36.08308483428647
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	259240089.184000	259239713.39313
Observation start date	2006-03-20T11:07:04	2006-03-20T11:01:53
[s] Observation end time (MET)	259241089.184000	259241223.7307
Observation end date	2006-03-20T11:23:44	2006-03-20T11:27:03

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

2.3 Aspect



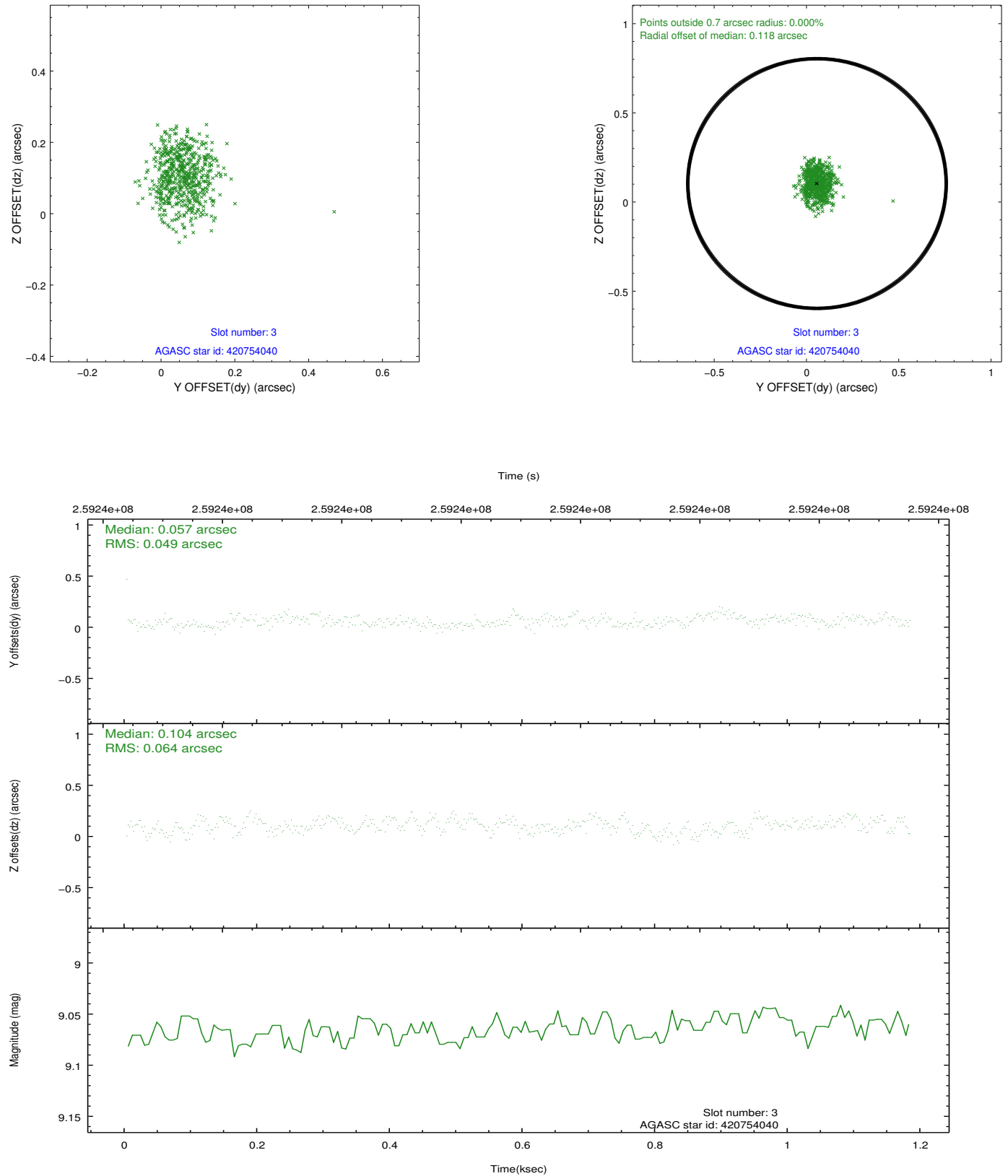


Slot Statistics

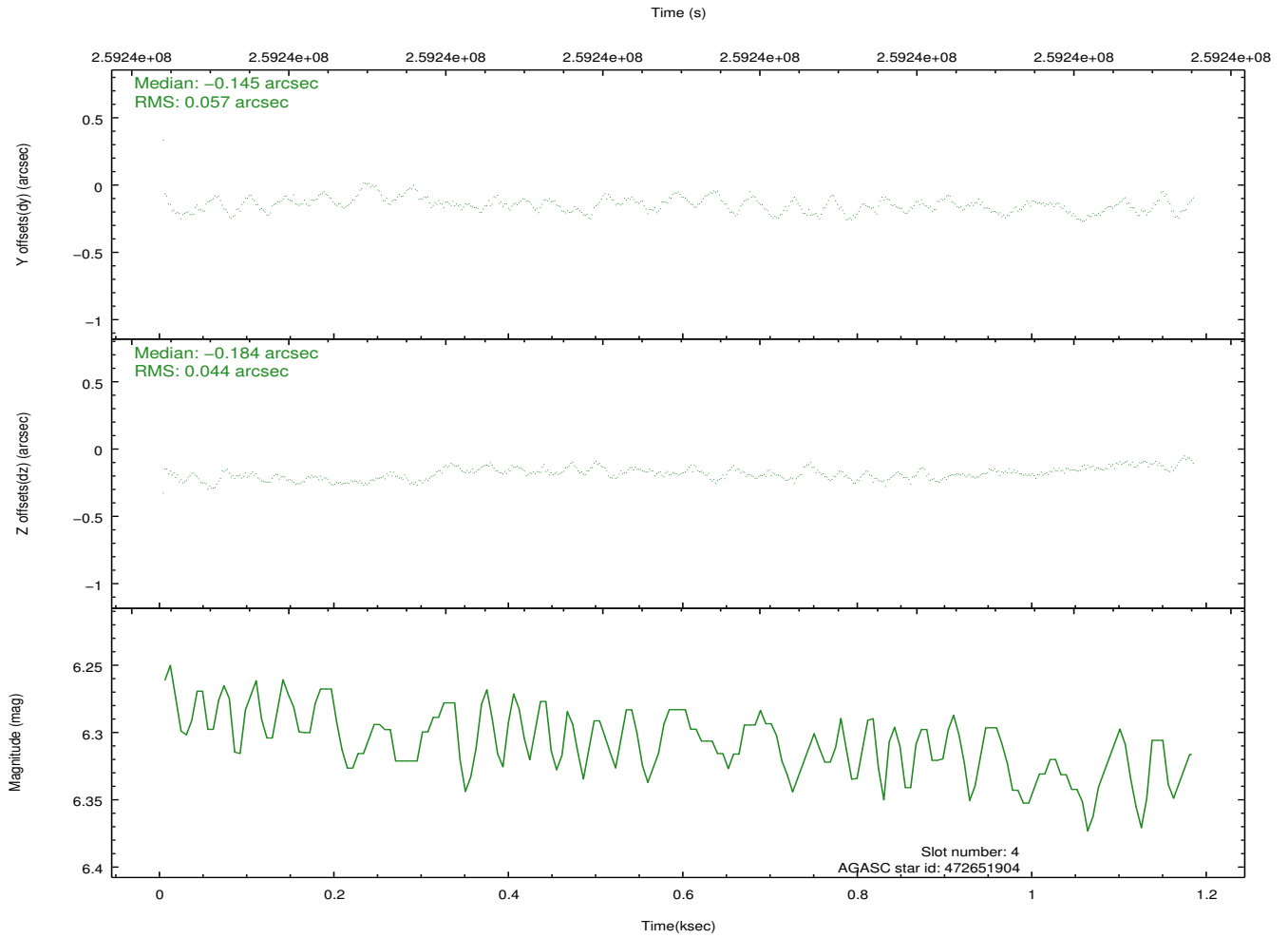
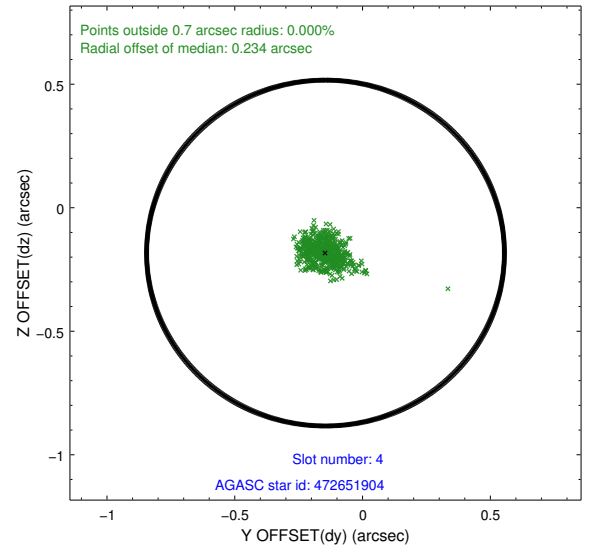
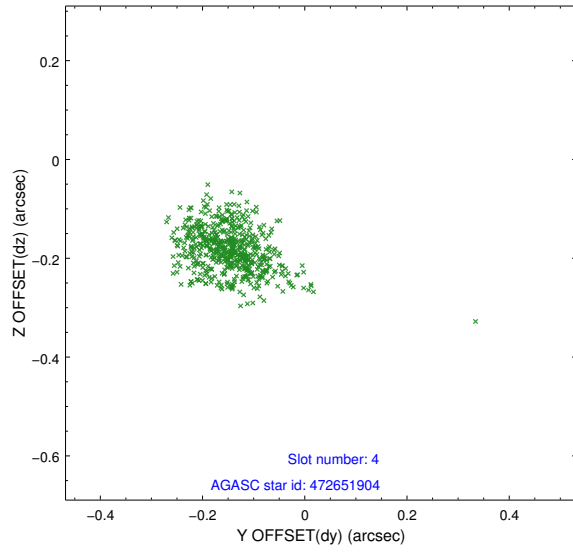
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.05	289	0.133	-0.142	0.007	0.009	0.000000	0.000000	-1163.99	-461.61
1	FID	HRC-S-2	7.04	289	0.136	-0.104	0.005	0.012	0.000000	0.000000	1231.65	-455.79
2	FID	HRC-S-3	7.06	289	0.122	-0.056	0.006	0.010	0.000000	0.000000	-1162.47	566.42
3	GUIDE	420754040	9.07	575	0.057	0.104	0.083	0.133	331.917939	44.882543	-2028.56	-1953.32
4	GUIDE	472651904	6.31	577	-0.145	-0.184	0.076	0.117	332.170077	45.742257	305.39	169.30
5	GUIDE	472655152	9.43	574	0.142	-0.010	0.115	0.183	332.504239	45.862991	1244.04	33.38
6	GUIDE	472525528	6.62	577	-0.016	0.011	0.073	0.117	331.551102	45.248694	-1998.63	-338.54
7	GUIDE	472659832	9.47	573	-0.028	0.079	0.123	0.192	332.780399	46.098139	2294.74	318.10

2.4 Star Slots

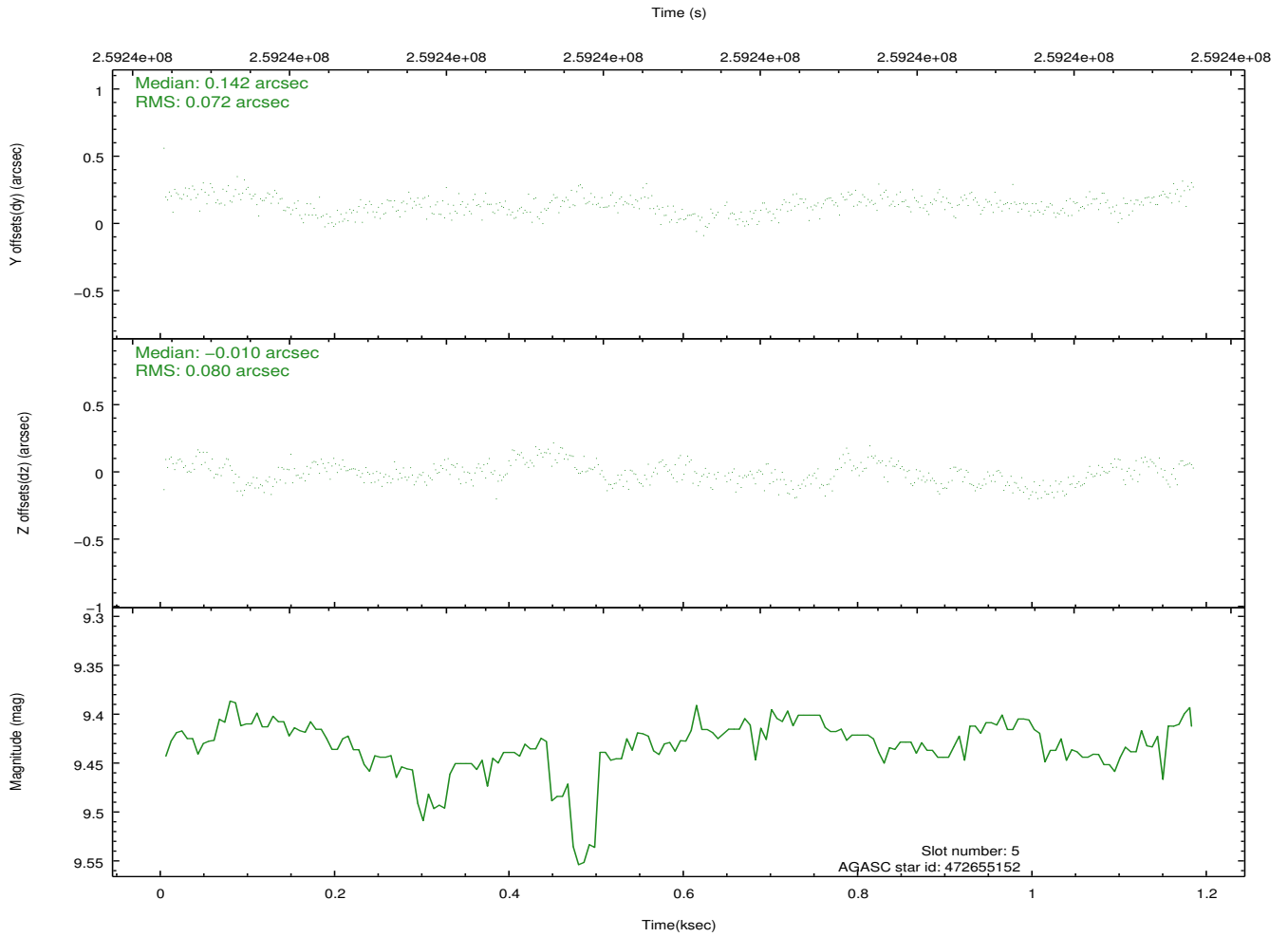
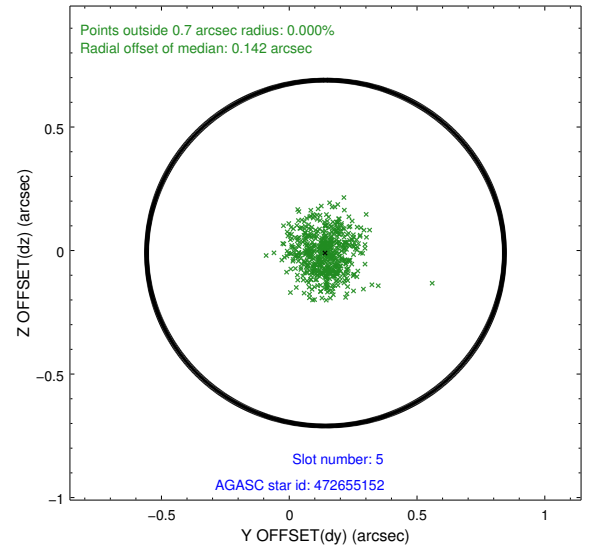
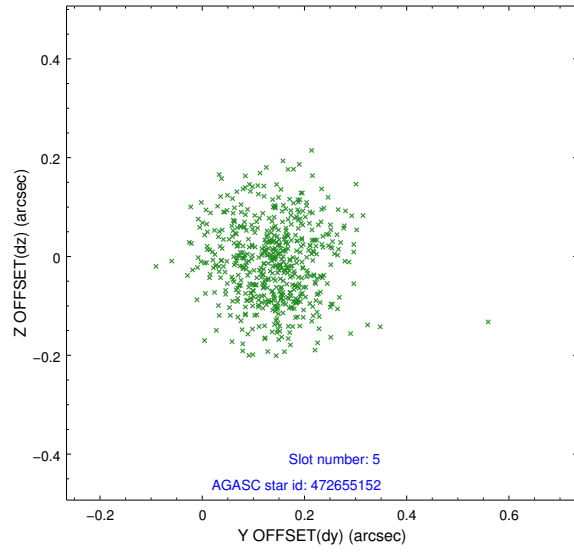
2.4.1 Slot 3



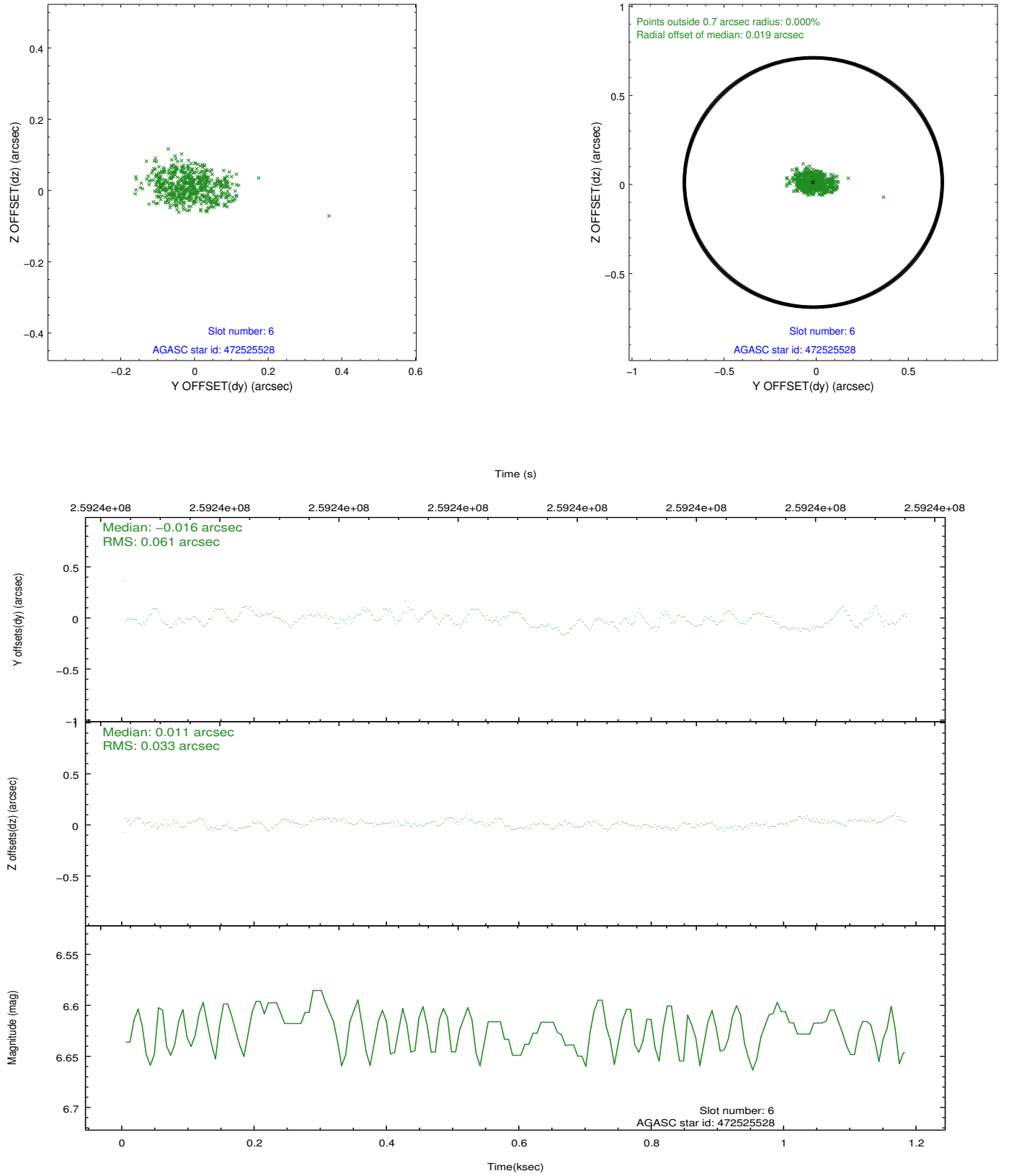
2.4.2 Slot 4



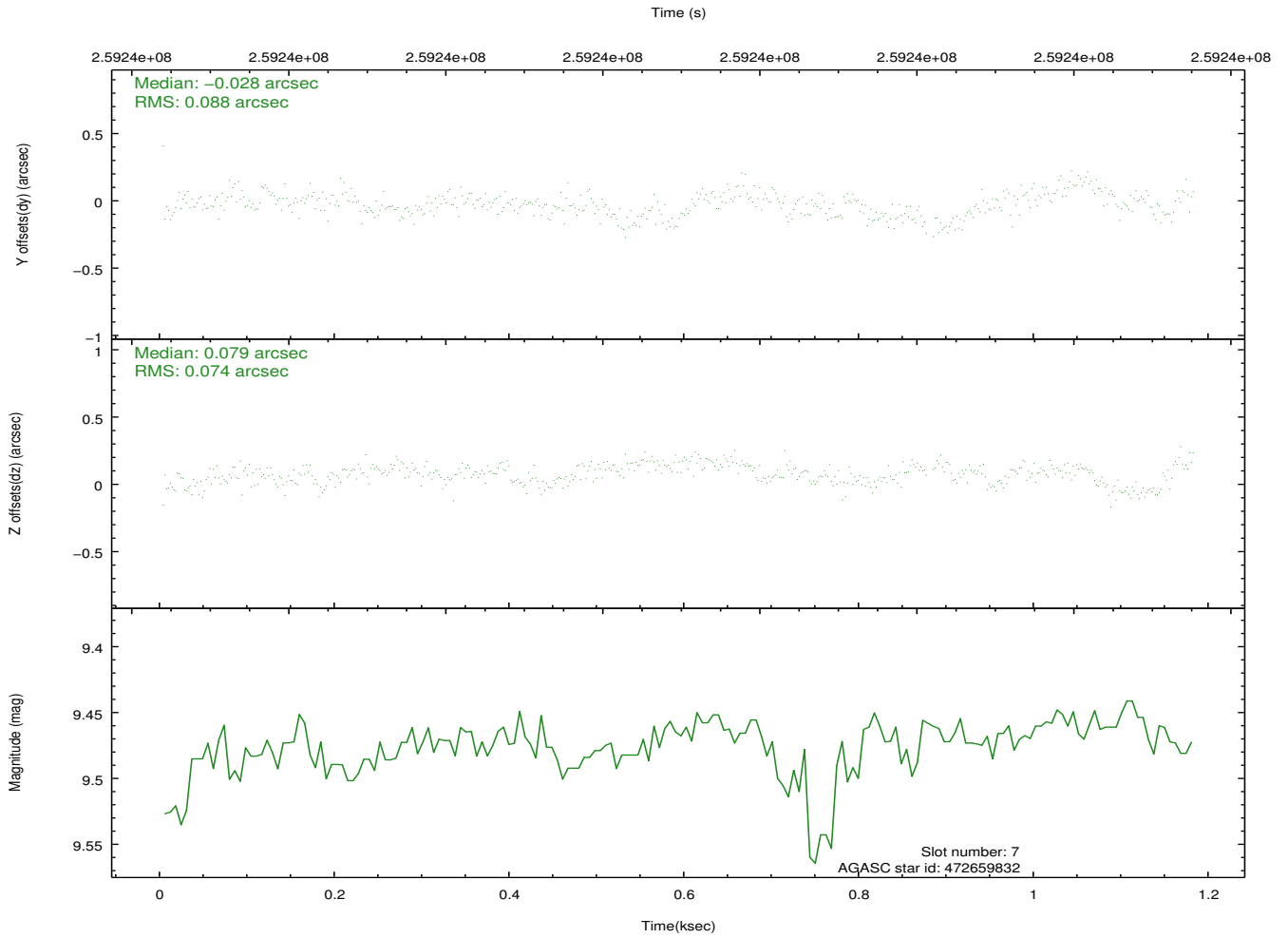
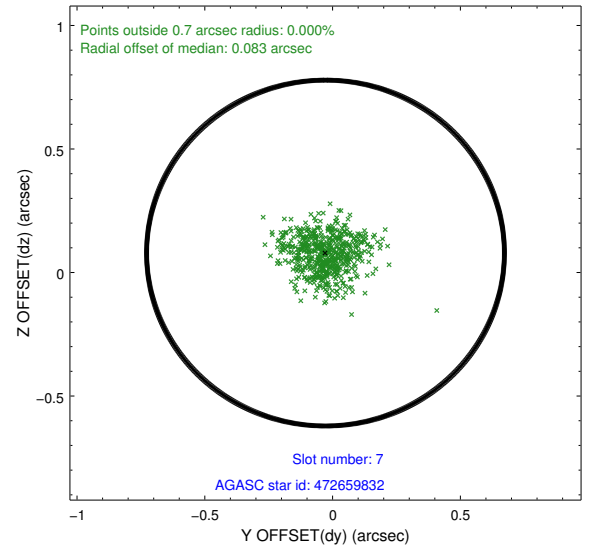
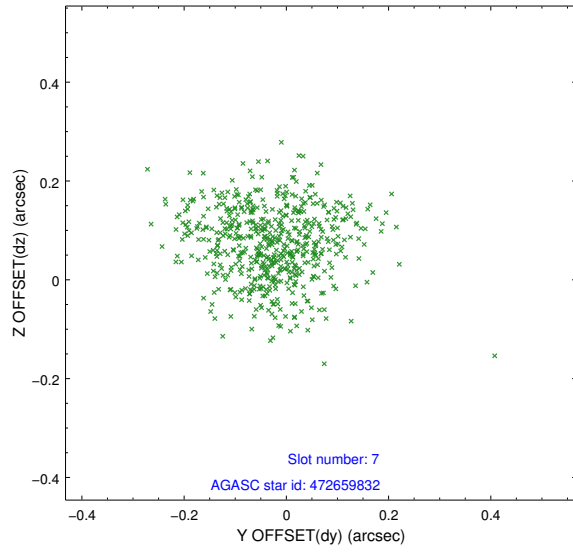
2.4.3 Slot 5



2.4.4 Slot 6

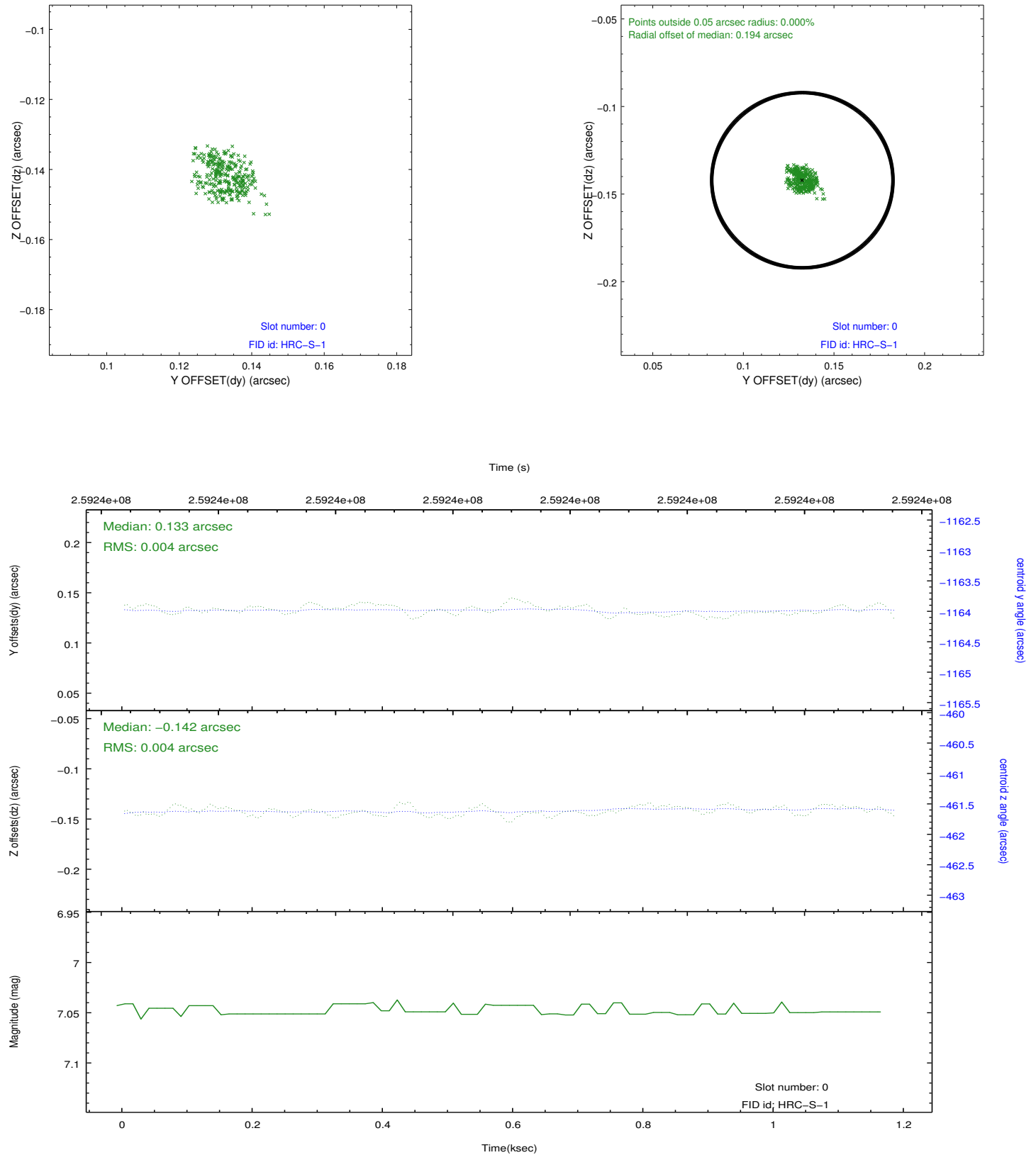


2.4.5 Slot 7

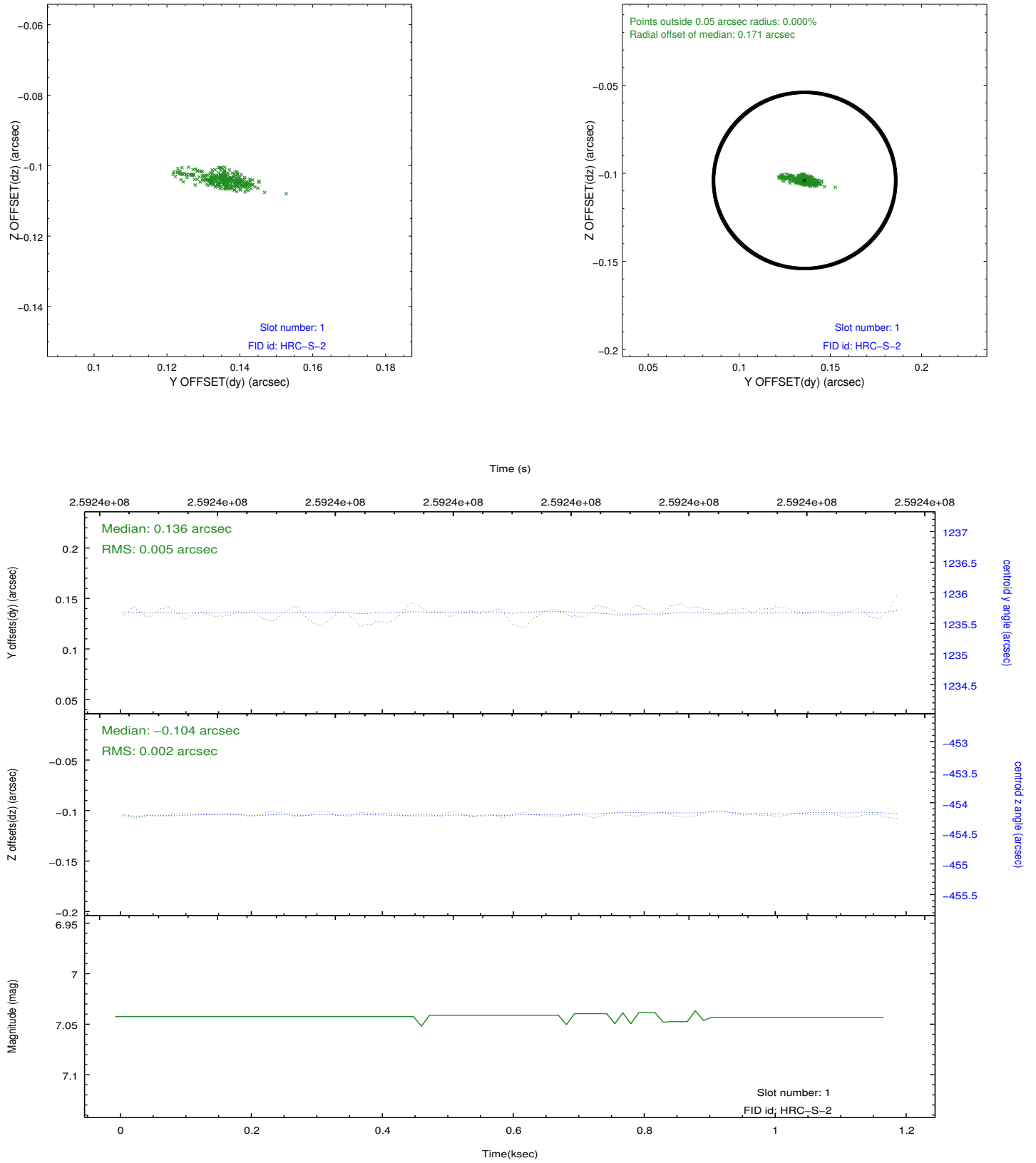


2.5 FID Slots

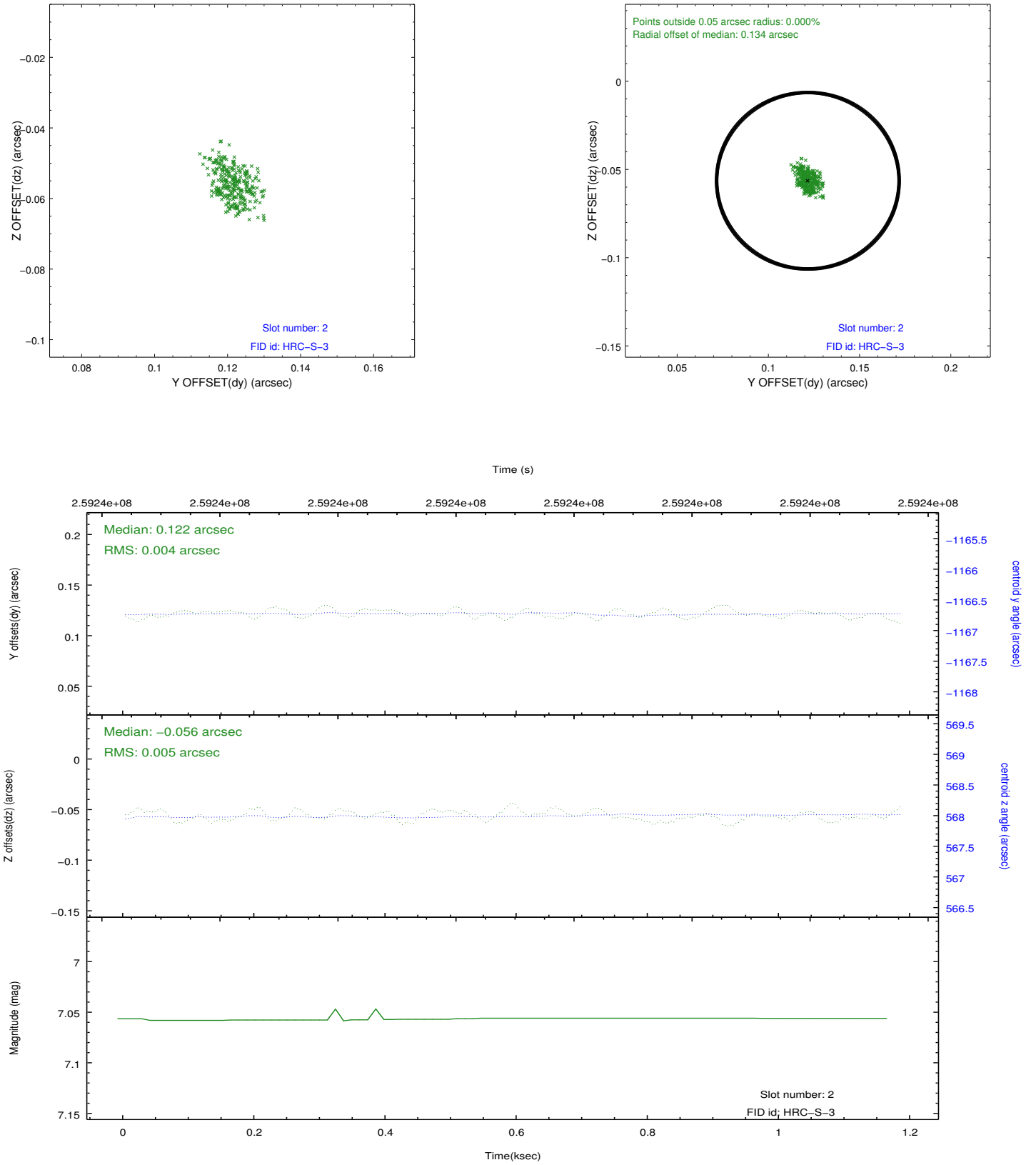
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1513313

A.2 Comments