

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5061 - L2 Version 4
Chandra X-Ray Center

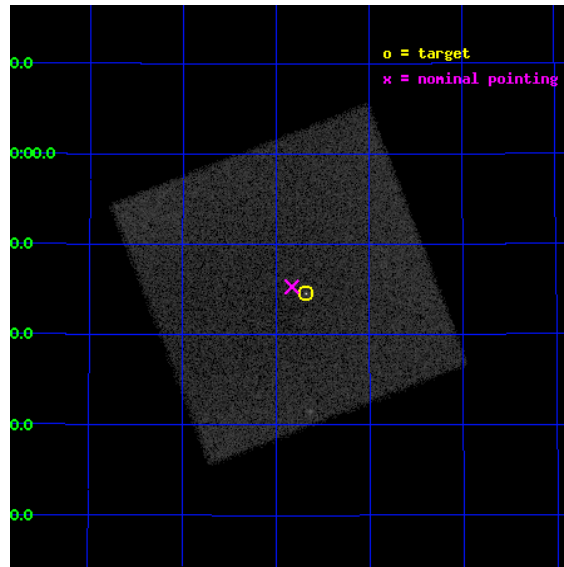
L2 Processing Date : Dec 8 2012

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1 Front

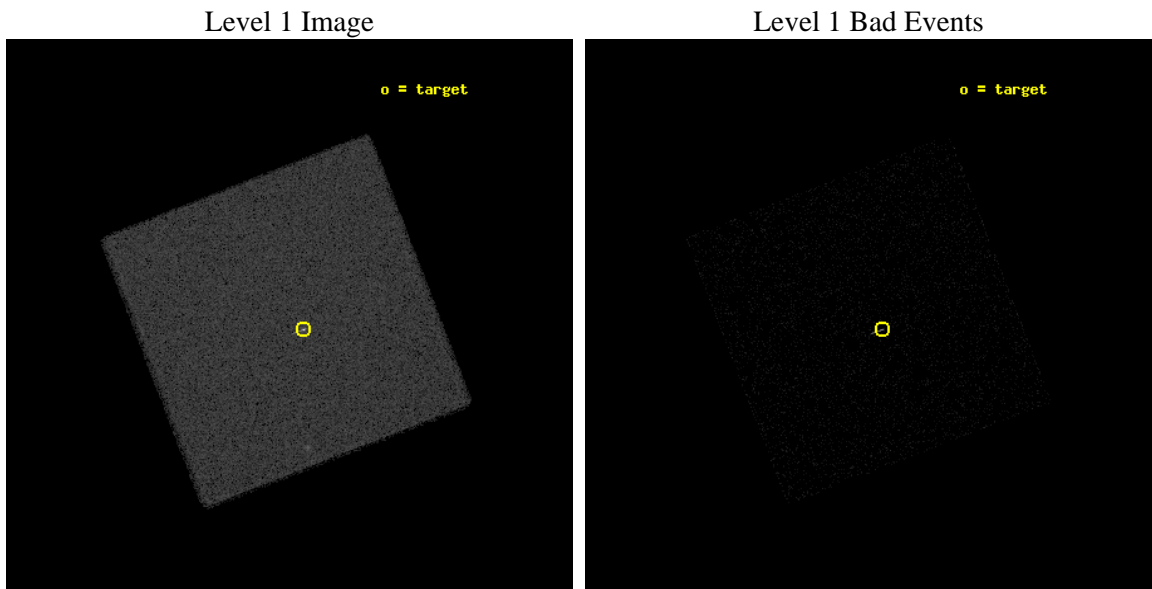
seq_num	290334	Sequence number
obs_id	5061	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.20752927218	Nominal RA [deg]
dec_nom	45.755133224697	Nominal Dec [deg]
roll_nom	203.87765419516	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1177.7250525653	[s]
livetime	1116.2695917291	Ontime multiplied by DTCOR
l2events	122388	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	Processing system revision	ontime	1177.7250525653	[s]
caldbver	4.5.4	 	l1events	240903	Number of level 1 events
date	2012-12-08T23:59:07	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

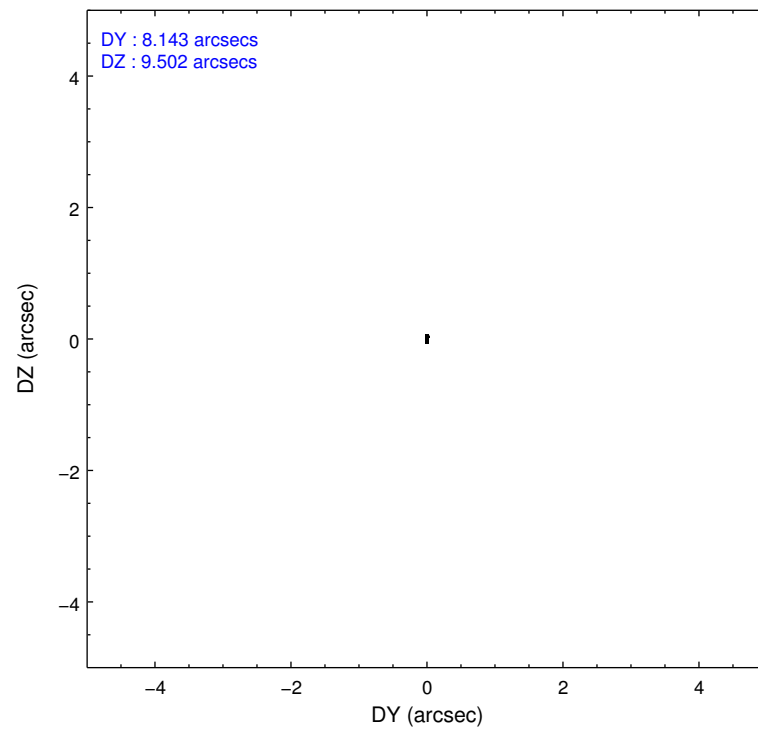
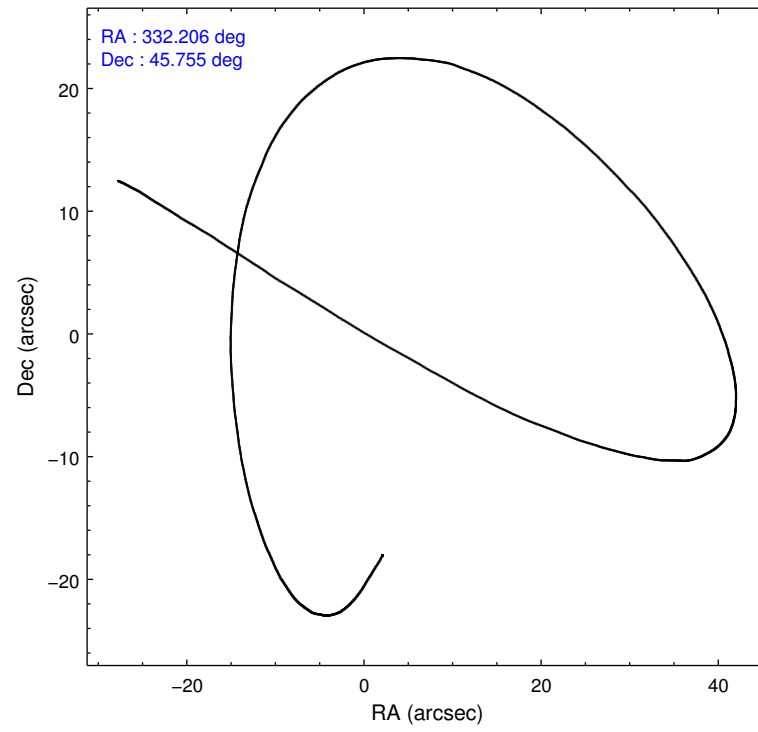
	segment 0
level 1 events	240903
rejected events	49876
rejected %	20%

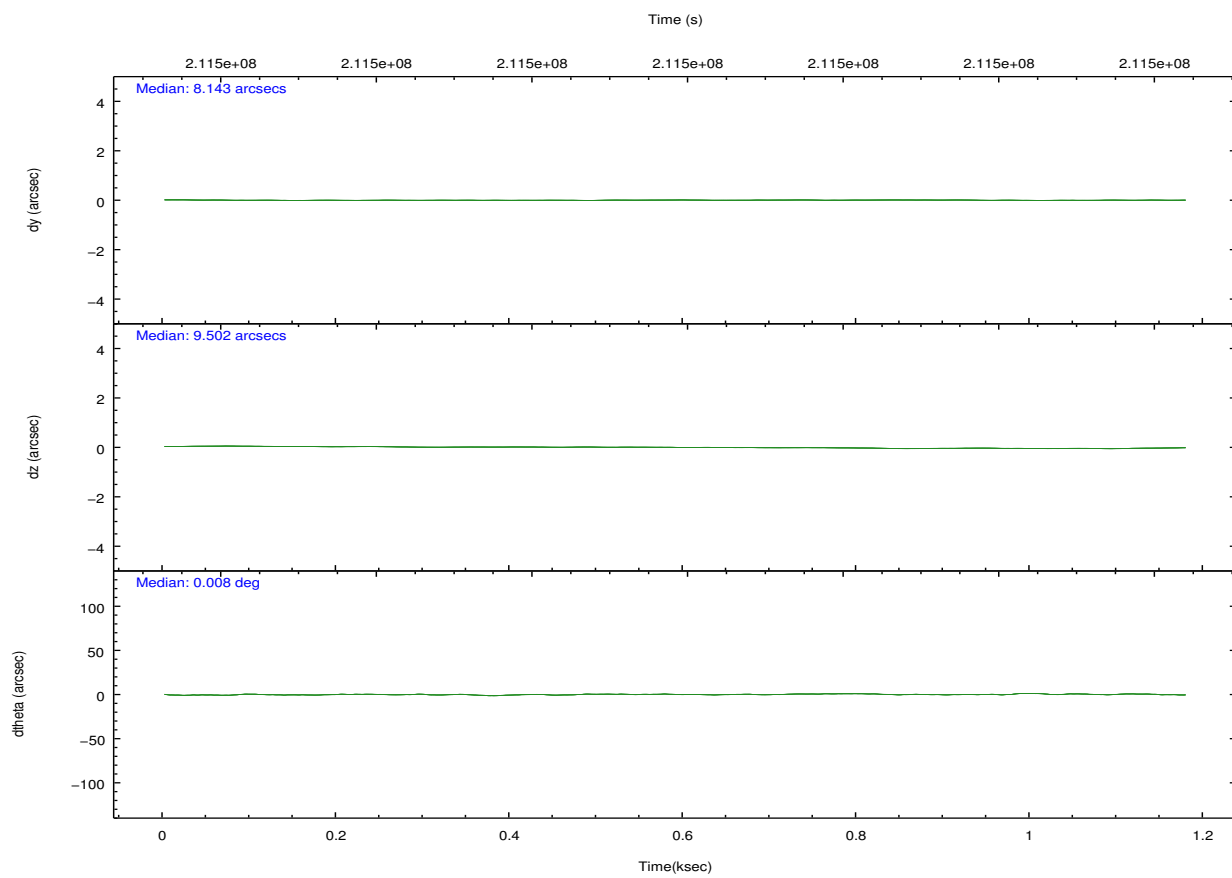
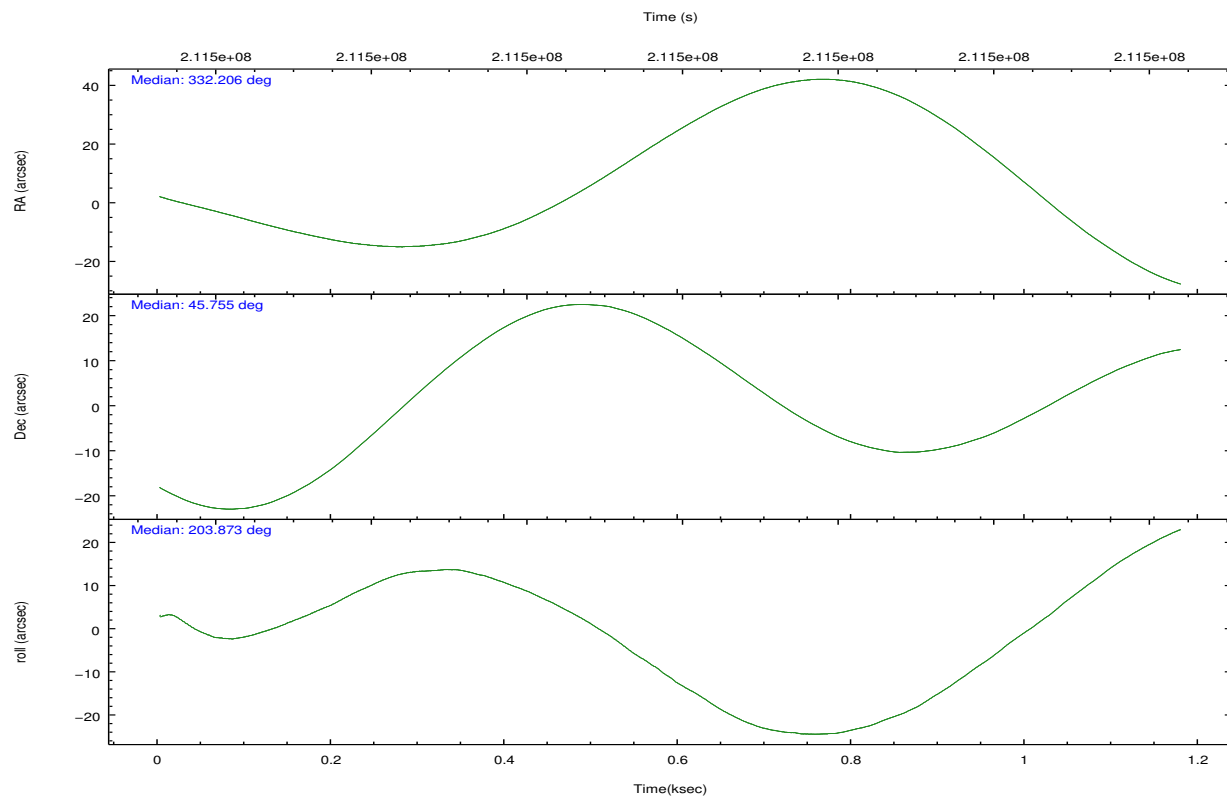
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.229854	332.2075292721785
[deg] Pointing Dec	45.778019	45.75513322469664
[deg] Pointing Roll	203.957121	203.8776541951619
[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)	211496773.184000	211496380.22666
Observation start date	2004-09-13T21:05:09	2004-09-13T20:59:40
[s] Observation end time (MET)	211497773.184000	211497925.92673
Observation end date	2004-09-13T21:21:49	2004-09-13T21:25:25

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

2.3 Aspect



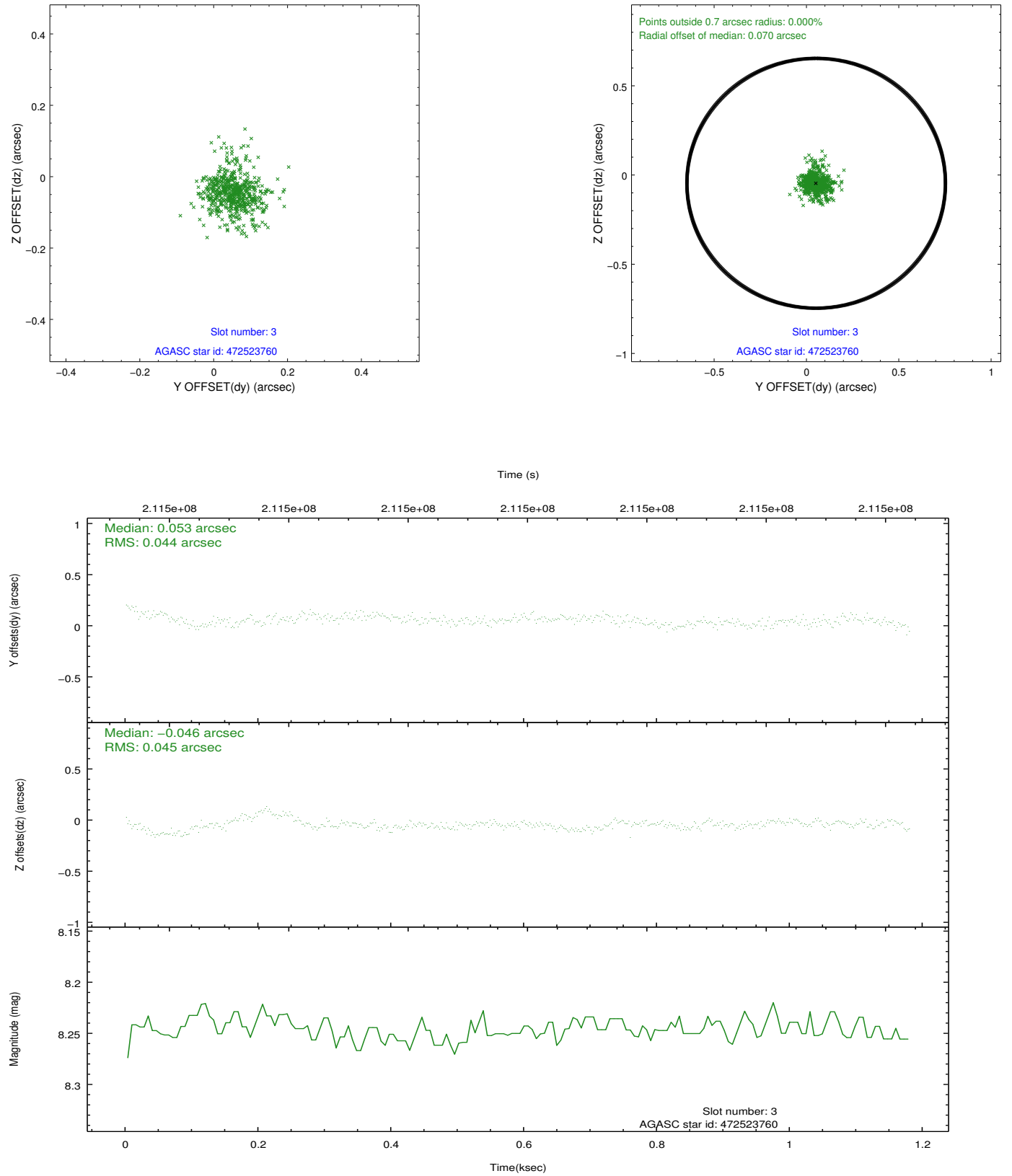


Slot Statistics

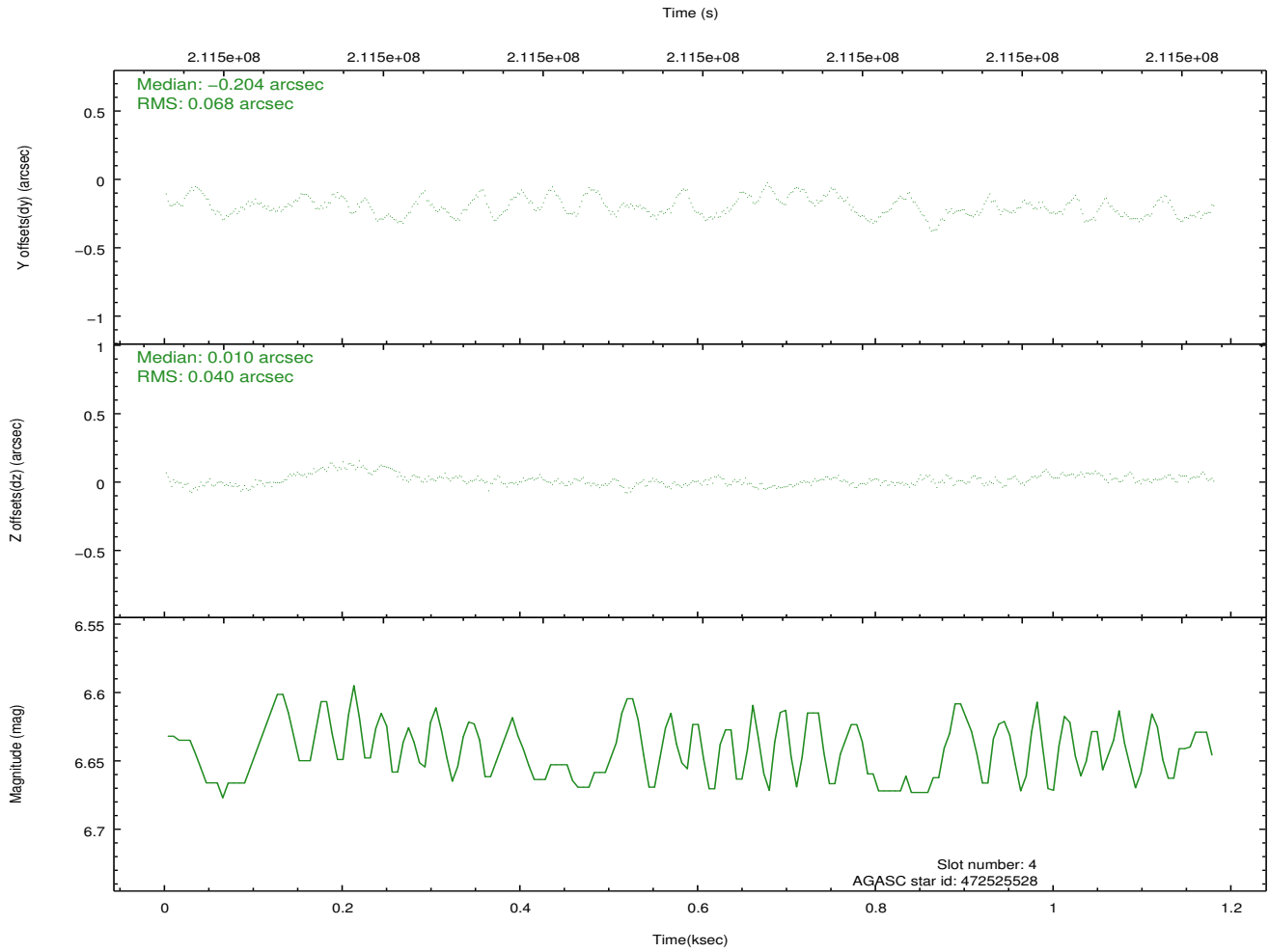
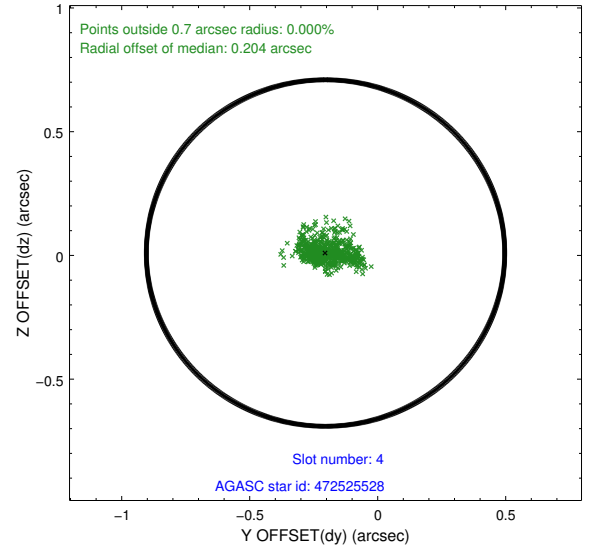
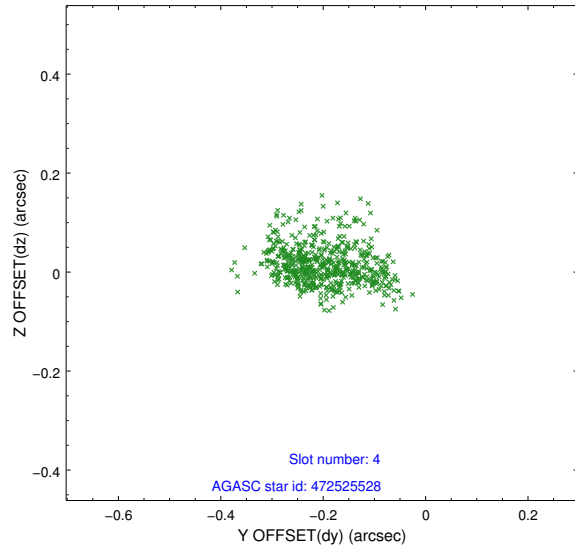
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.04	288	-0.035	0.038	0.008	0.013	0.000000	0.000000	-763.79	-1297.38
1	FID	HRC-I-2	7.08	288	0.160	-0.098	0.007	0.012	0.000000	0.000000	846.38	-1303.59
2	FID	HRC-I-3	7.13	288	-0.007	-0.029	0.006	0.011	0.000000	0.000000	-1189.31	1002.59
3	GUIDE	472523760	8.25	576	0.053	-0.046	0.064	0.117	331.645363	45.403260	1894.79	626.42
4	GUIDE	472525528	6.65	576	-0.204	0.010	0.084	0.136	331.551102	45.248694	2344.94	1035.75
5	GUIDE	472659832	9.46	576	0.120	0.095	0.106	0.201	332.780399	46.098139	-1722.56	-499.54
6	GUIDE	472533912	9.15	576	0.015	-0.011	0.134	0.212	331.791136	46.368695	127.53	-2391.20
7	GUIDE	472654568	9.42	575	0.009	-0.030	0.143	0.234	332.194449	45.063576	1125.74	2307.92

2.4 Star Slots

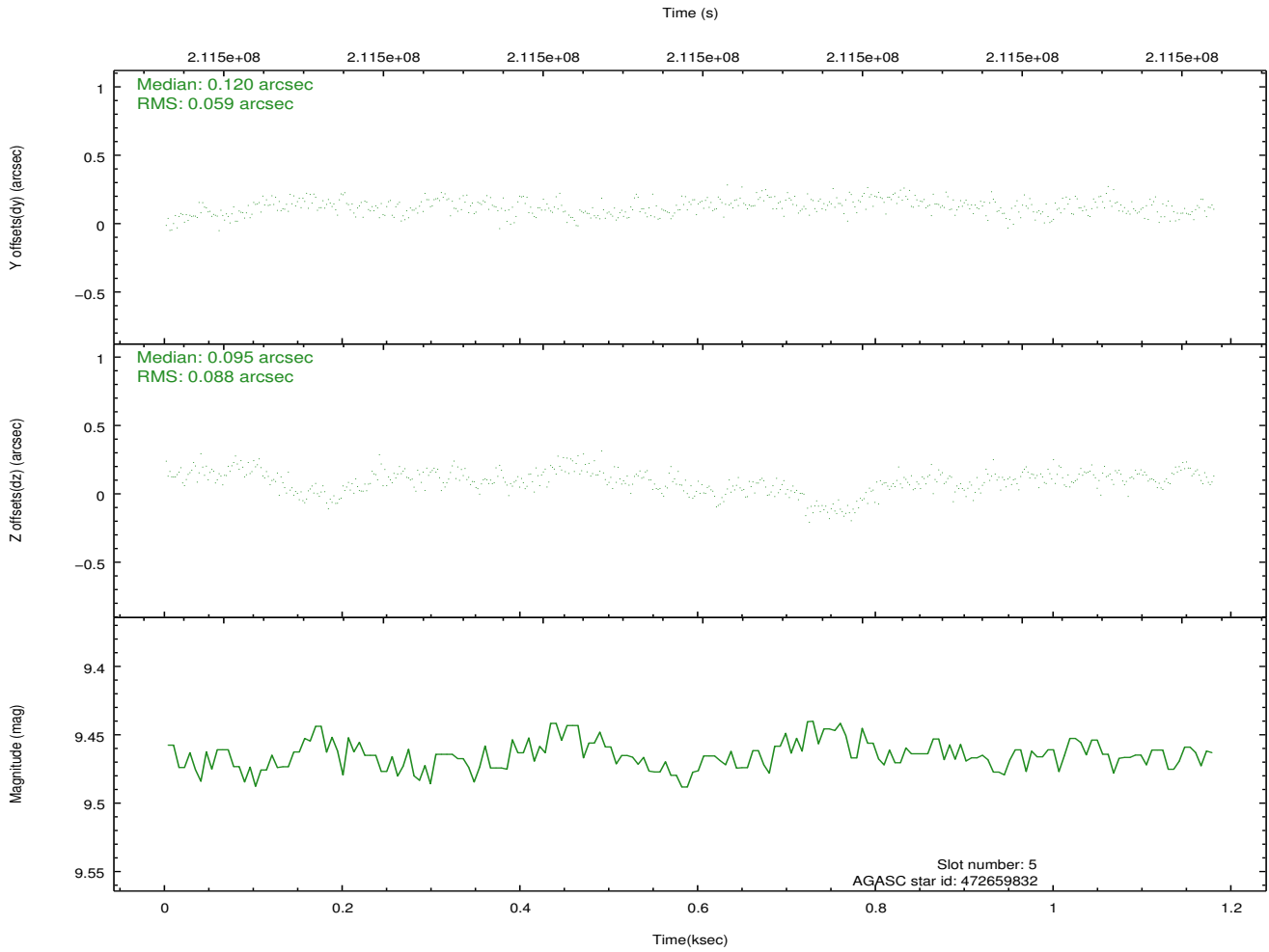
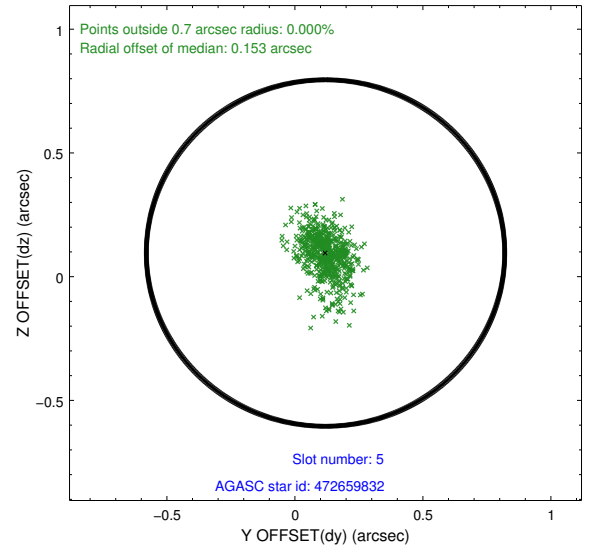
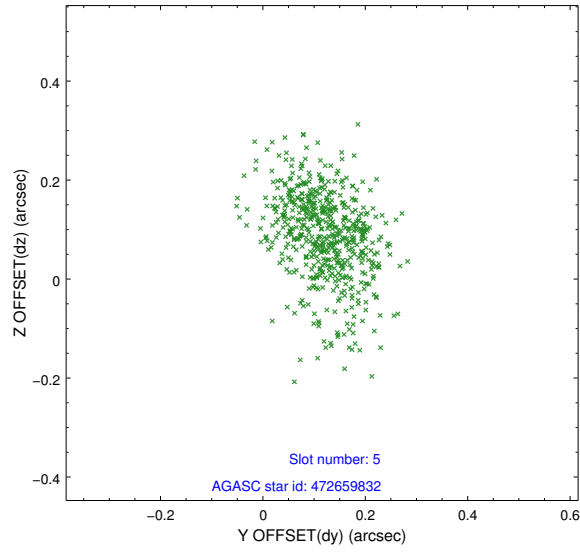
2.4.1 Slot 3



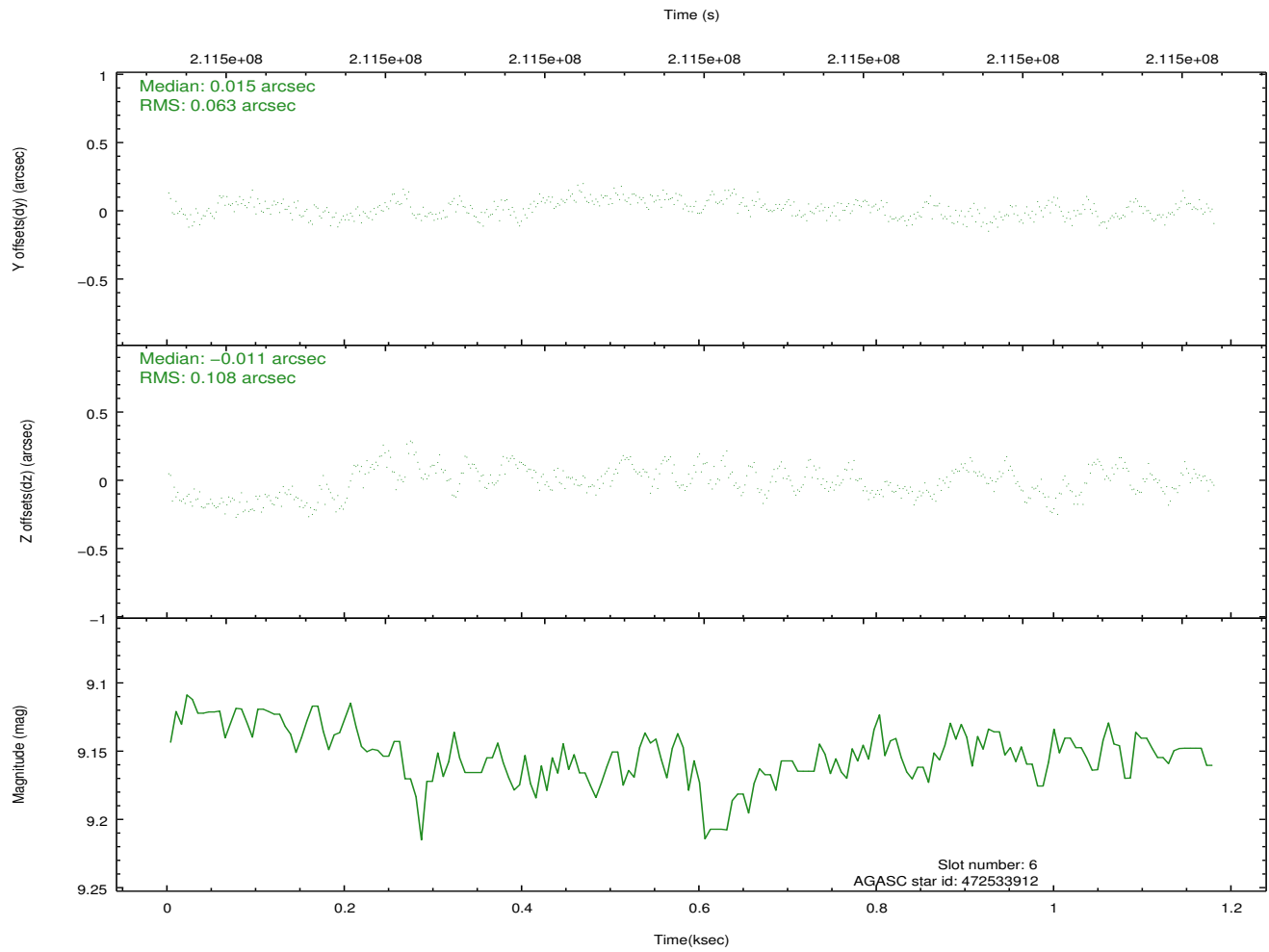
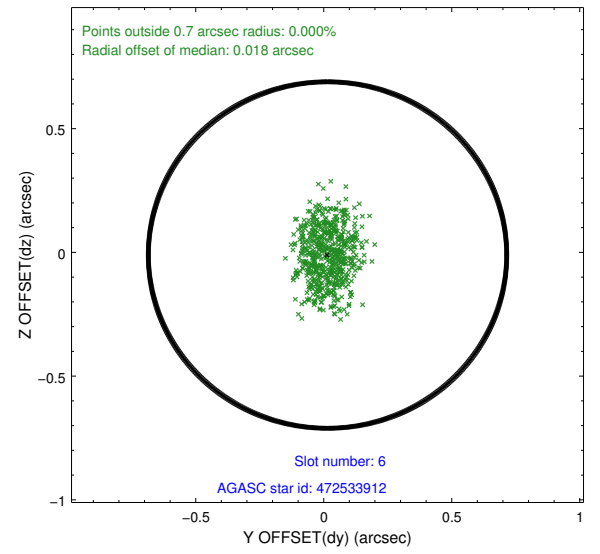
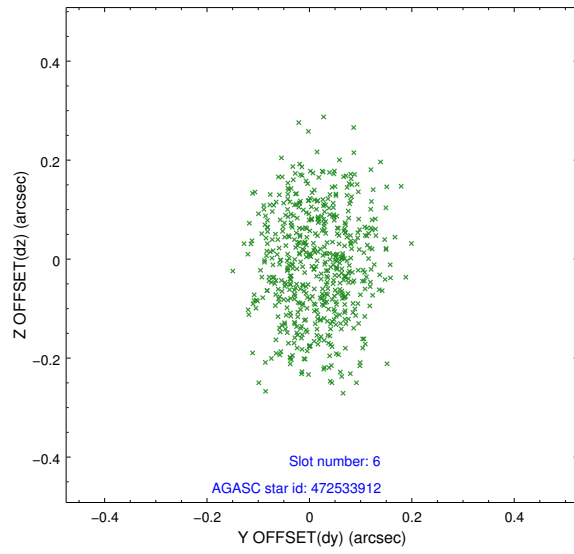
2.4.2 Slot 4



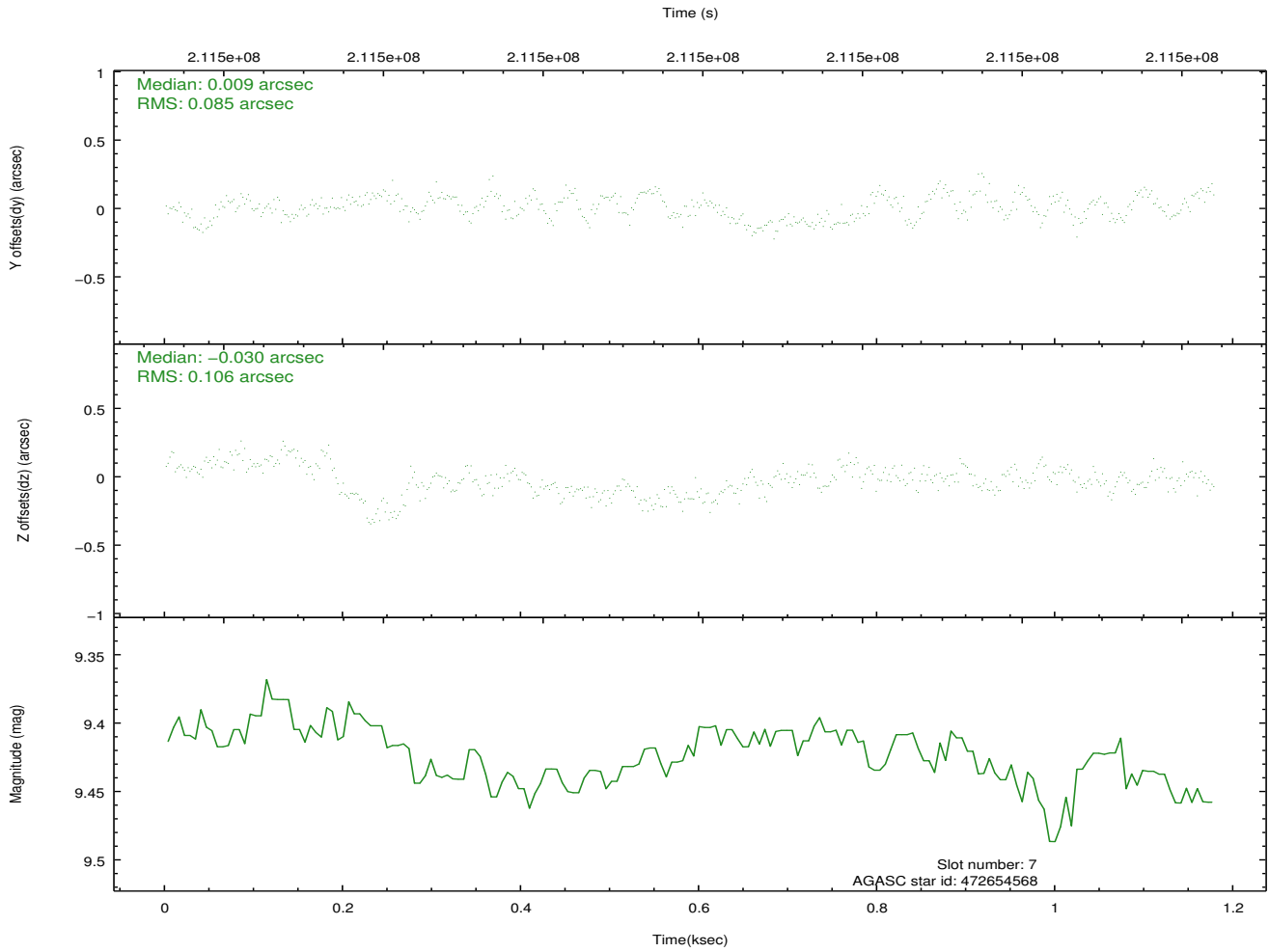
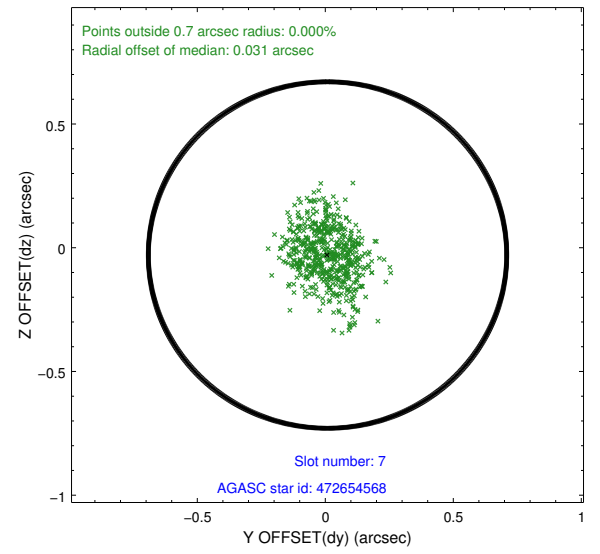
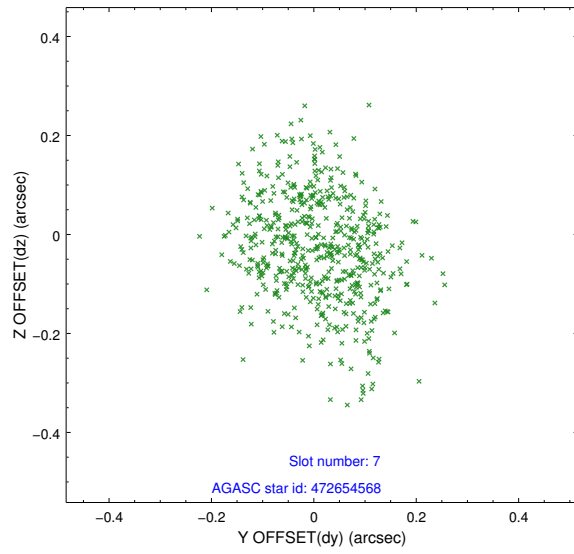
2.4.3 Slot 5



2.4.4 Slot 6

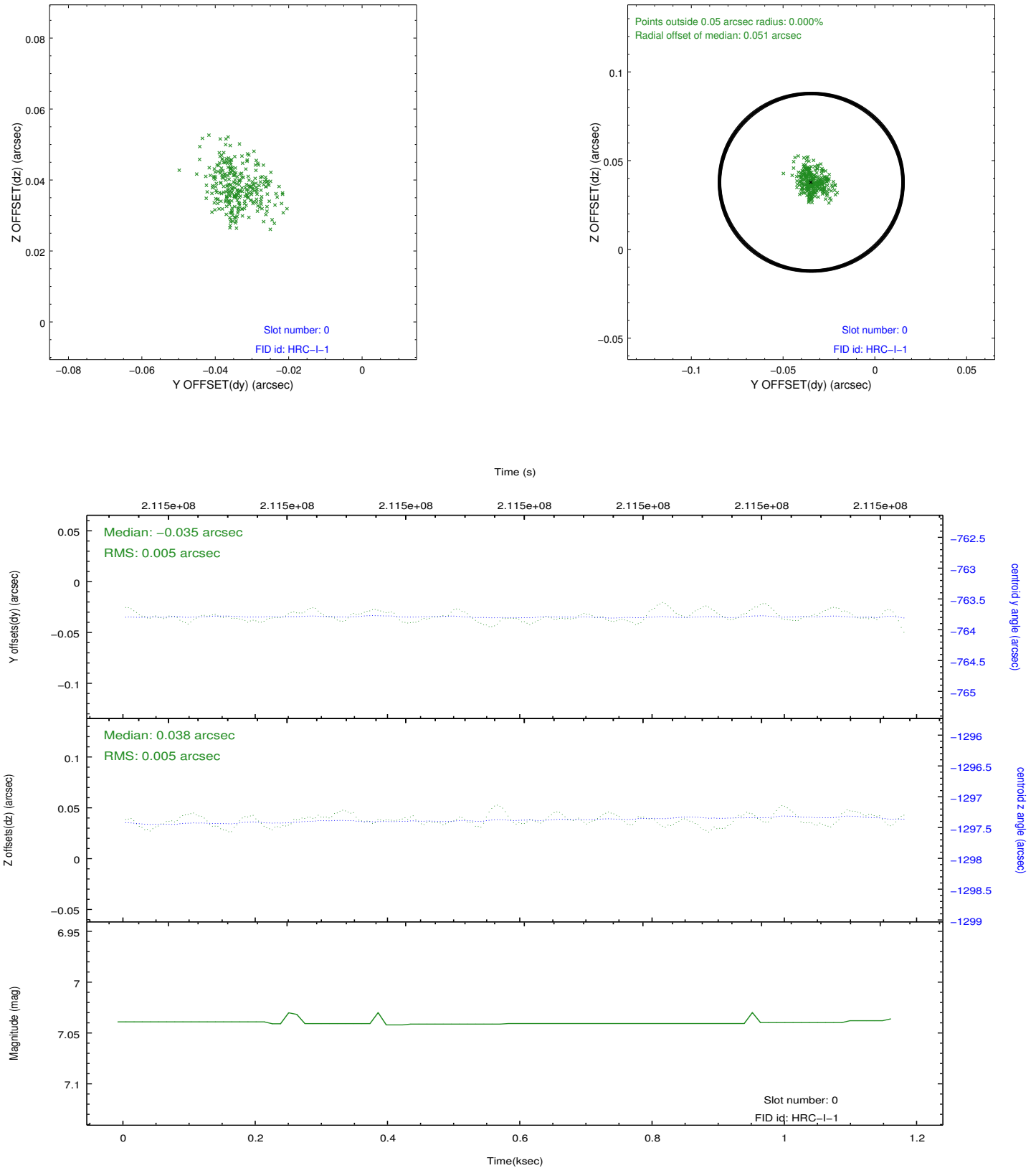


2.4.5 Slot 7

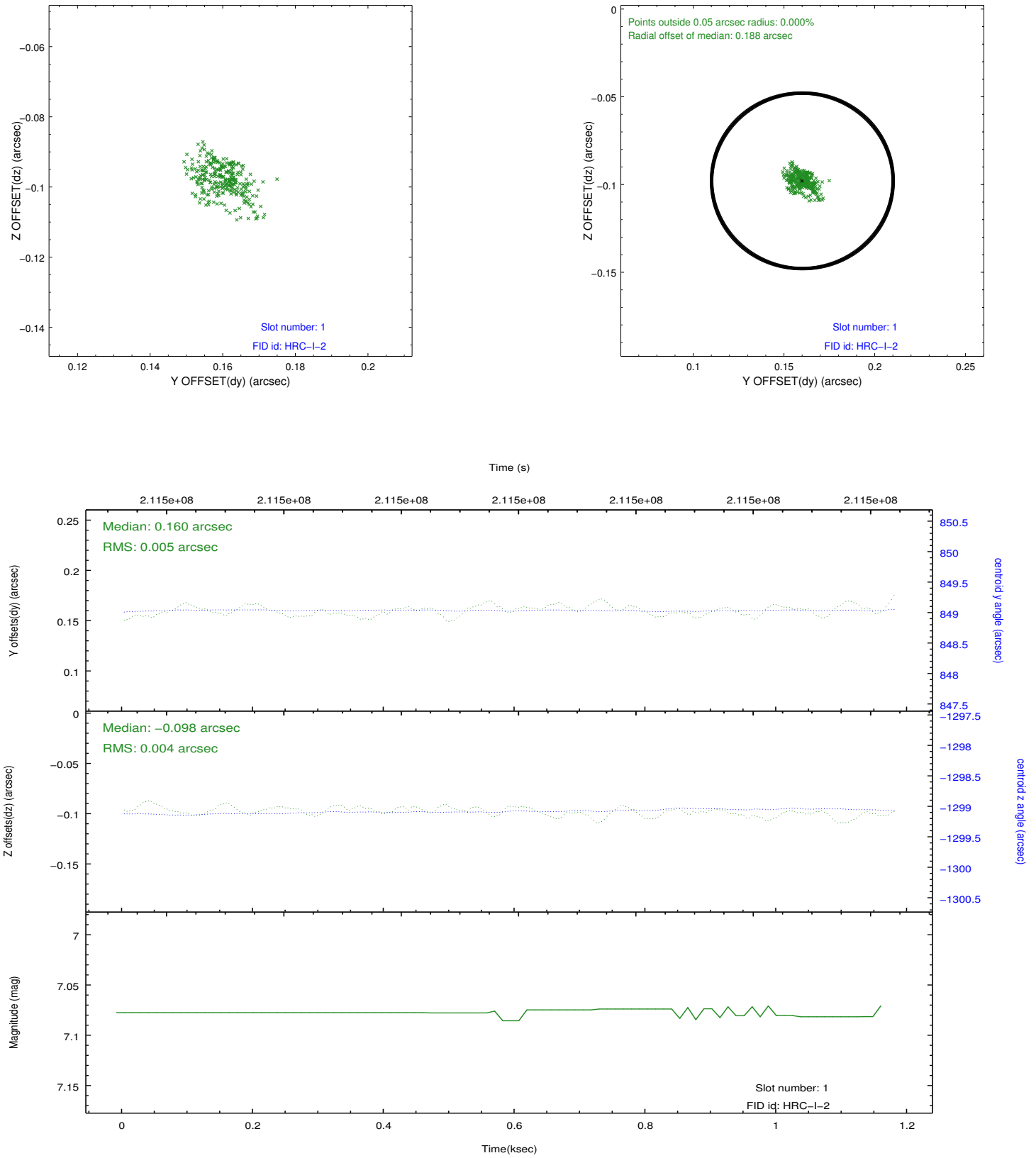


2.5 FID Slots

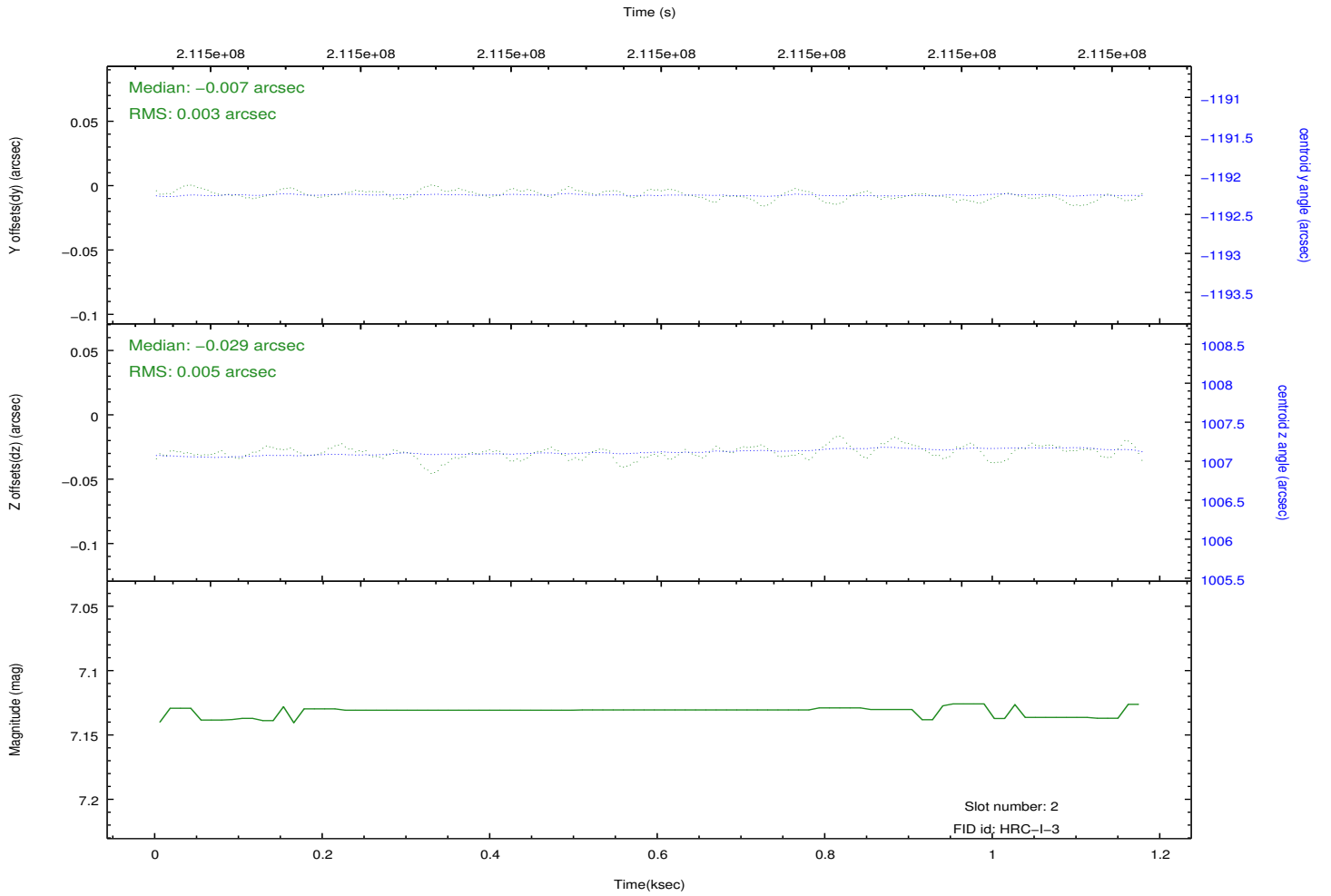
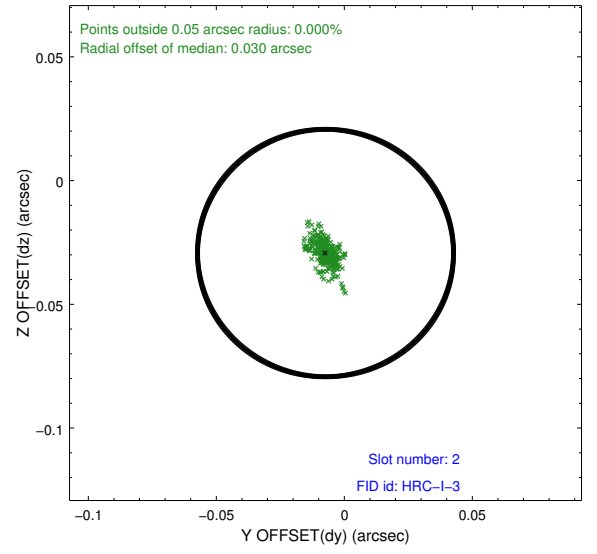
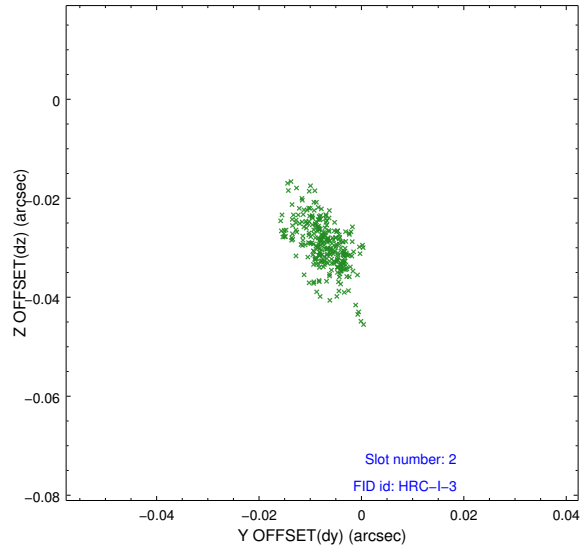
2.5.1 Slot 0



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)	2012.12.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.177

A.2 Comments