

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11903 - L2 Version 2
Chandra X-Ray Center

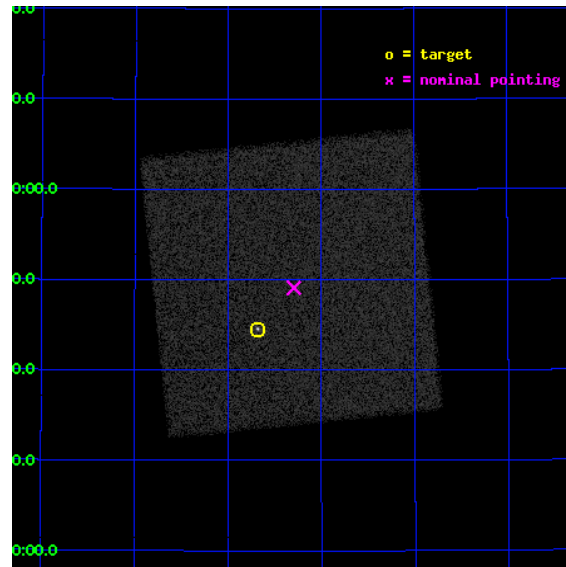
L2 Processing Date : Jul 3 2012

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1 Front

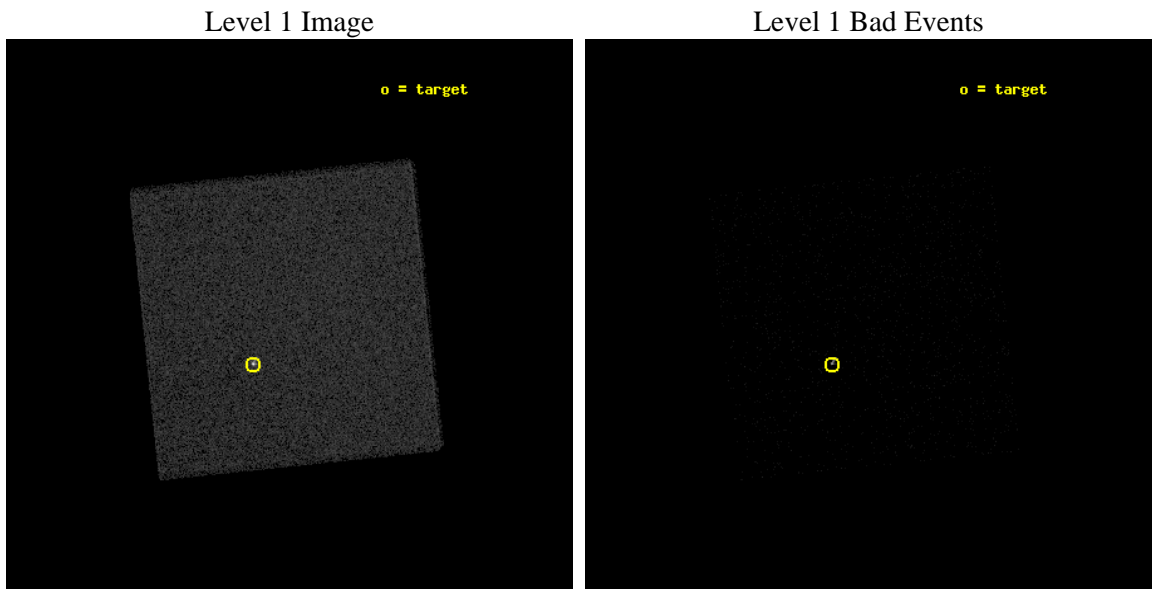
seq_num	290892	Sequence number
obs_id	11903	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.07349951315	Nominal RA [deg]
dec_nom	45.818509033662	Nominal Dec [deg]
roll_nom	219.06227535604	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1186.1813108921	[s]
livetime	1173.2153720994	Ontime multiplied by DTCOR
l2events	90979	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	1186.1813108921	[s]
caldbver	4.5.0	 	l1events	160662	Number of level 1 events
date	2012-07-03T23:49:04	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

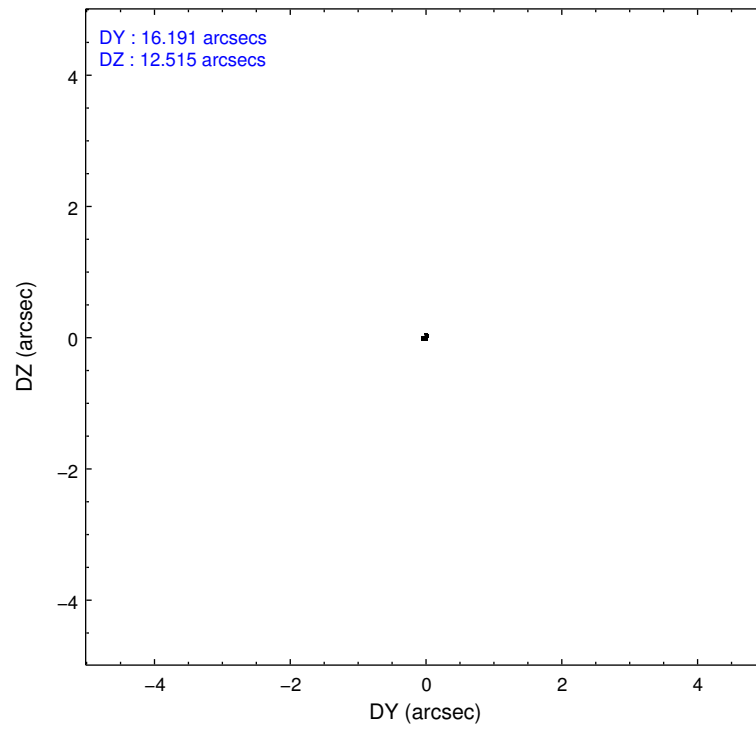
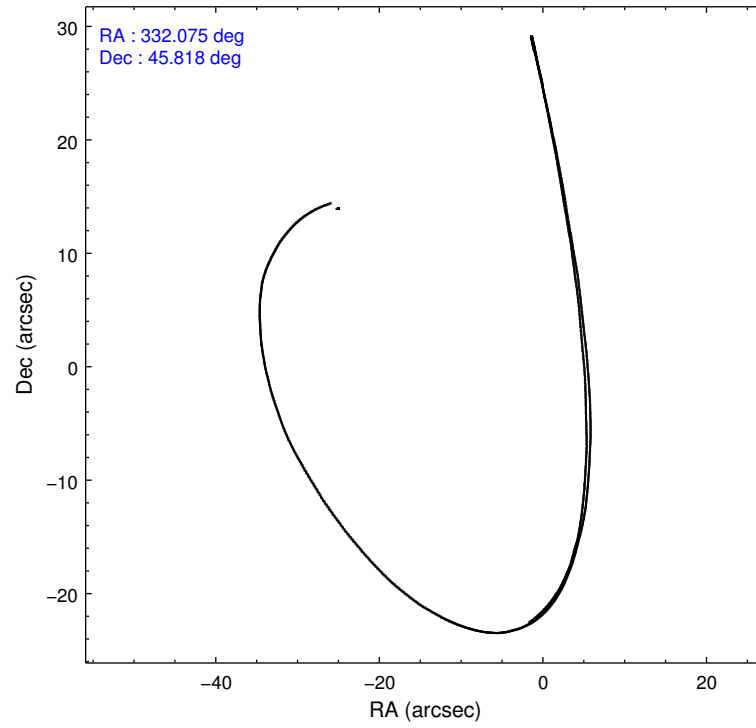
	segment 0
level 1 events	160662
rejected events	34293
rejected %	21%

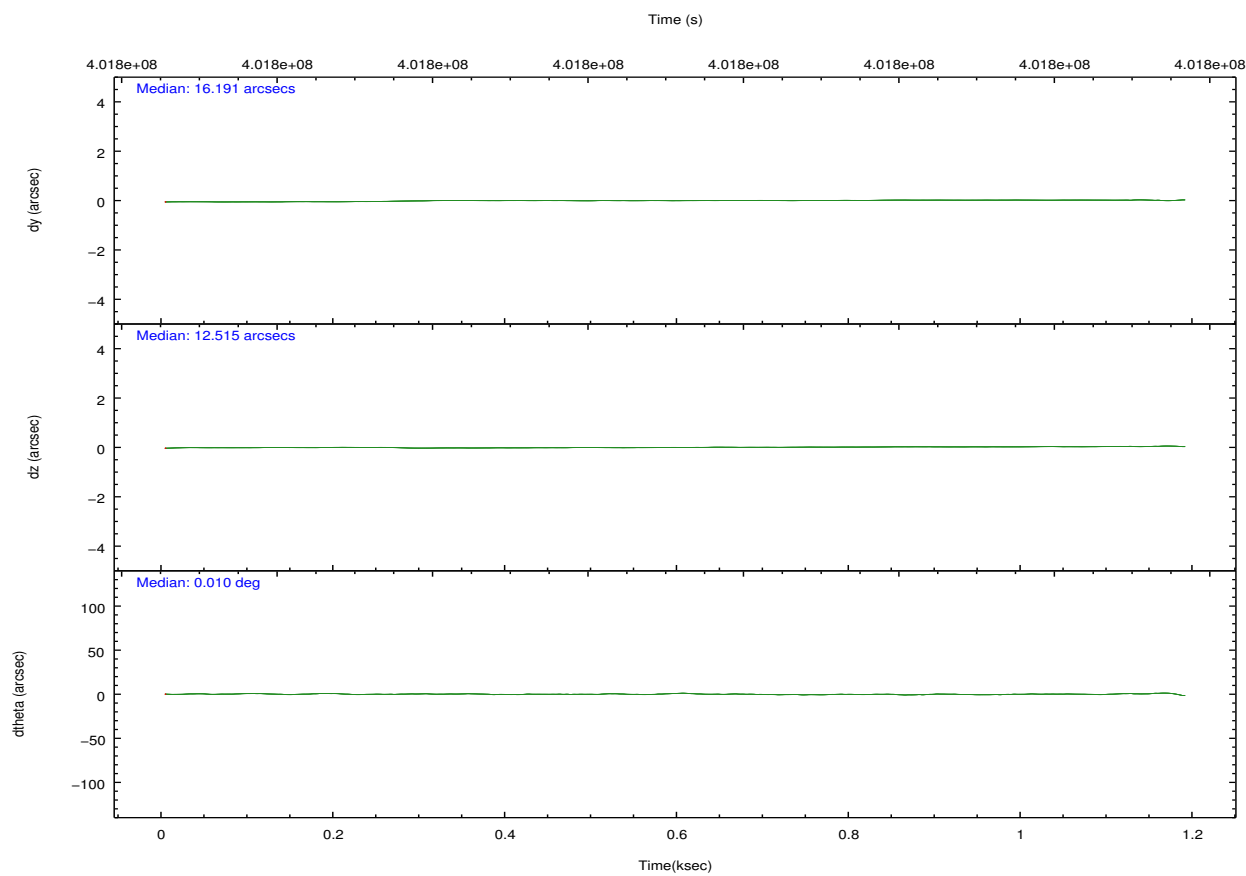
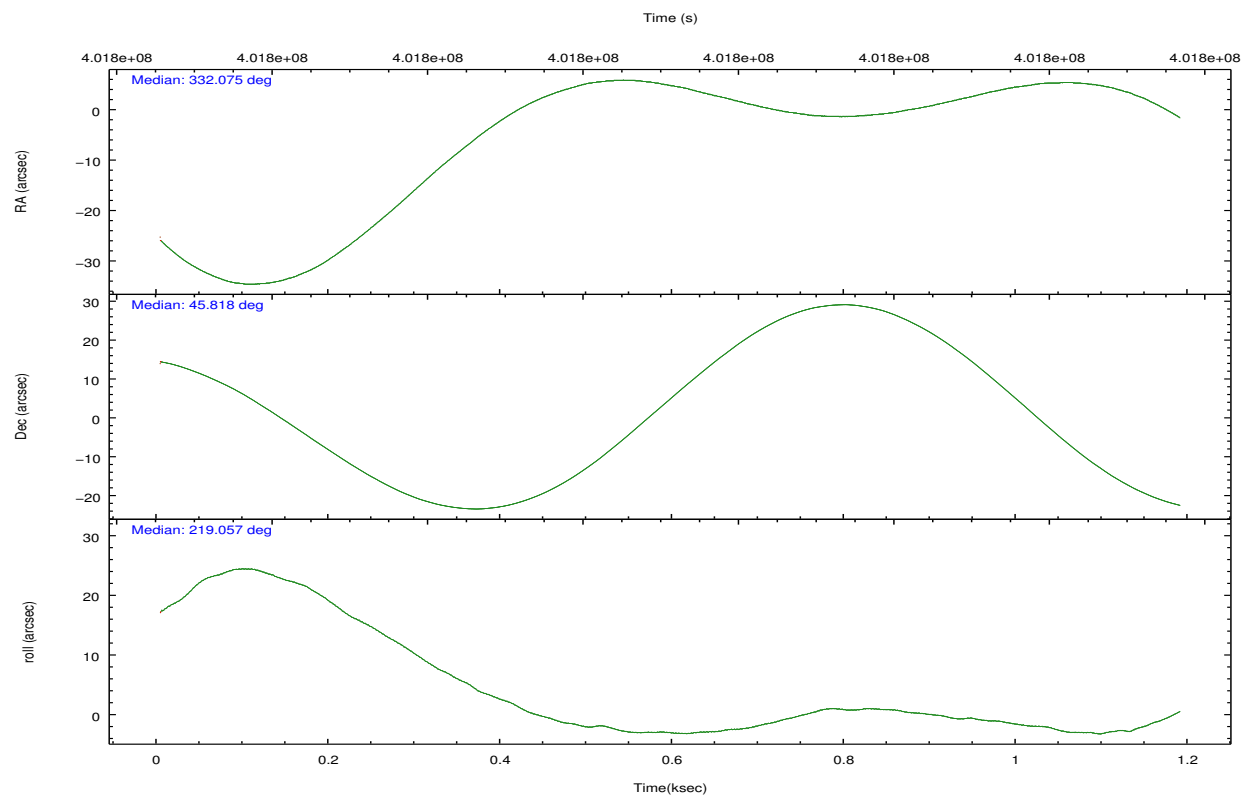
2.2 Compared Parameters

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	332.086848	332.0734995131485
[deg] Pointing Dec	45.844242	45.8185090336619
[deg] Pointing Roll	219.148162	219.0622753560436
[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)	401798113.184000	401797736.93843
Observation start date	2010-09-25T10:34:07	2010-09-25T10:28:56
[s] Observation end time (MET)	401799113.184000	401799247.276
Observation end date	2010-09-25T10:50:47	2010-09-25T10:54:07

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

2.3 Aspect



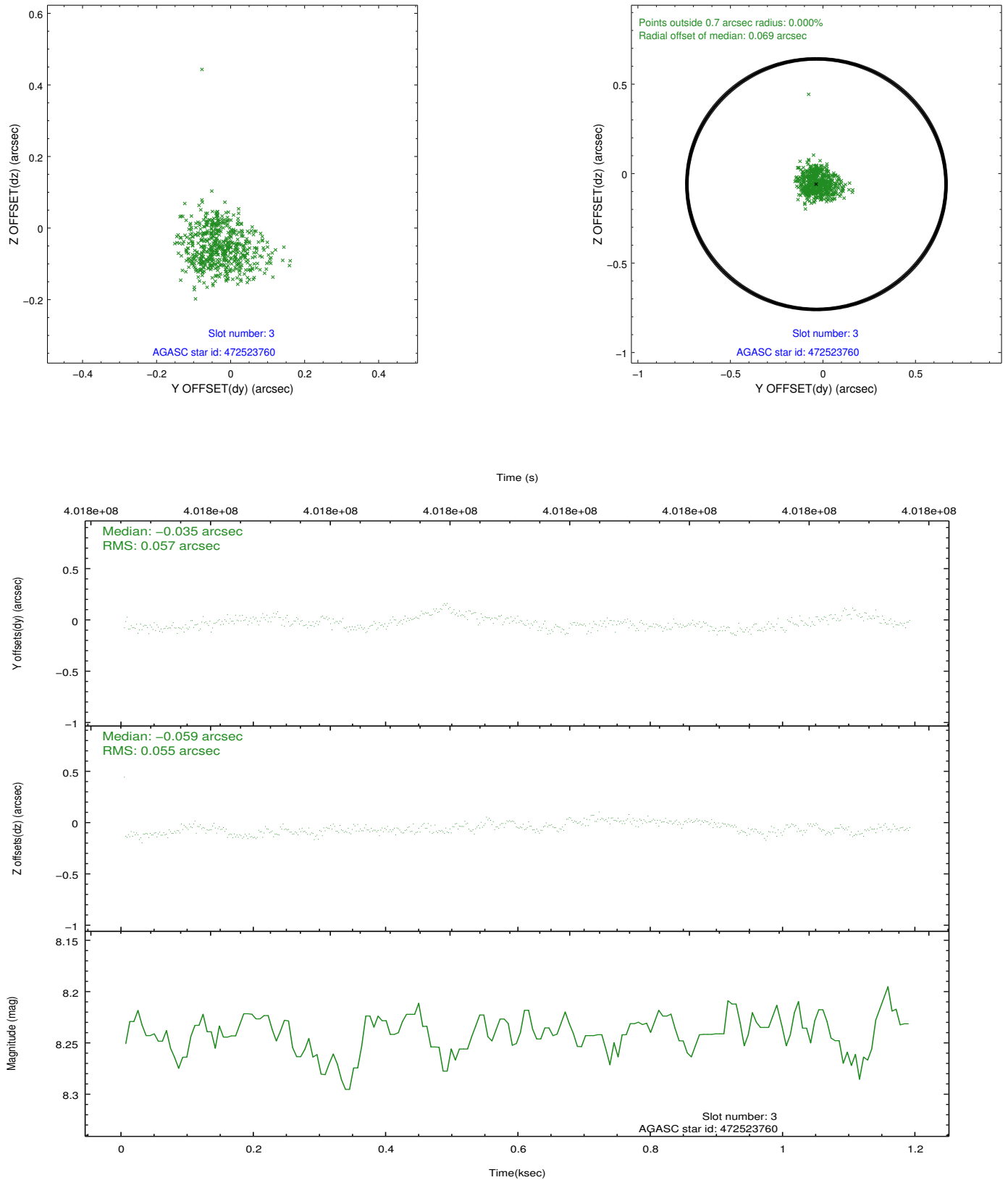


Slot Statistics

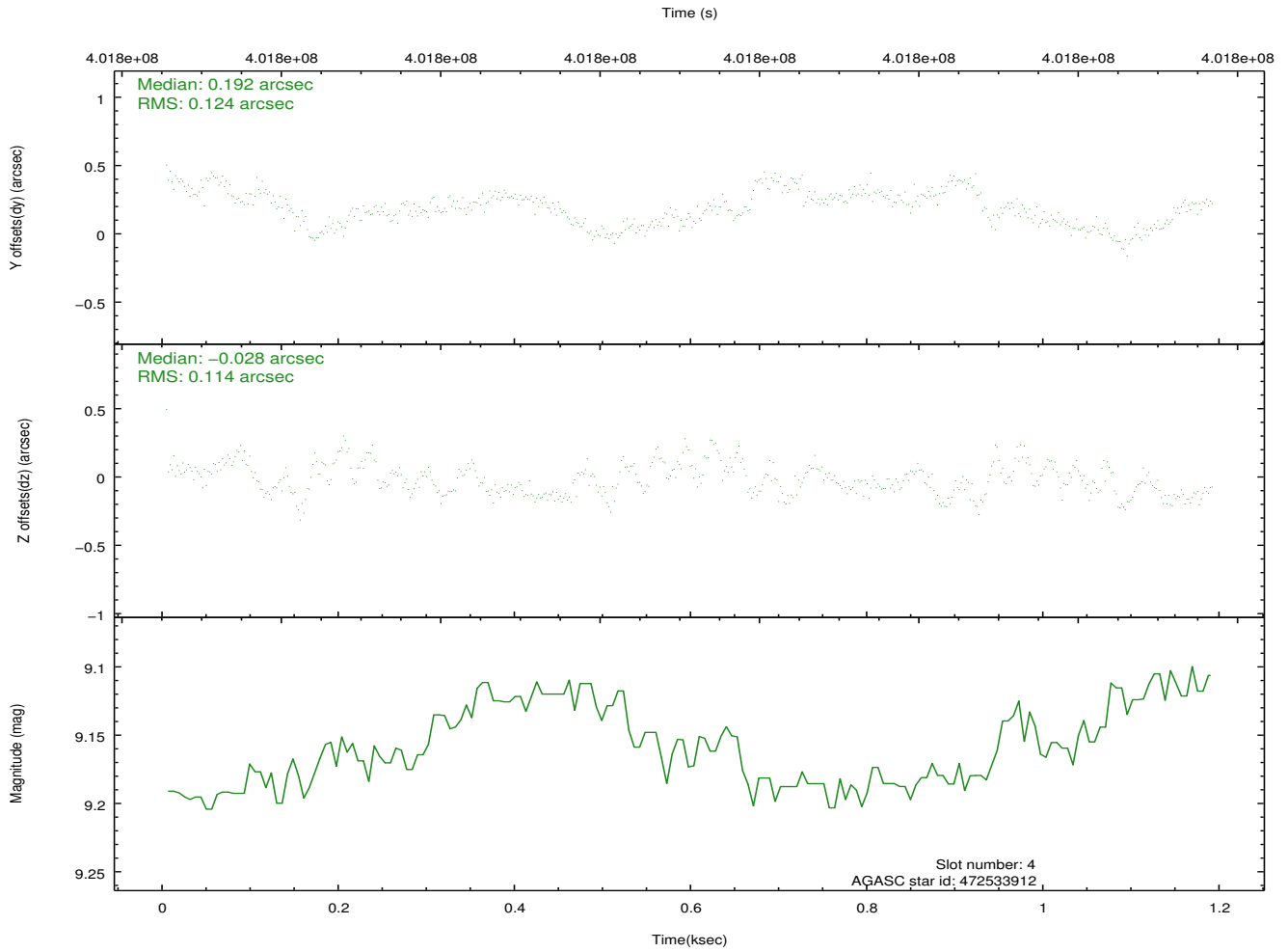
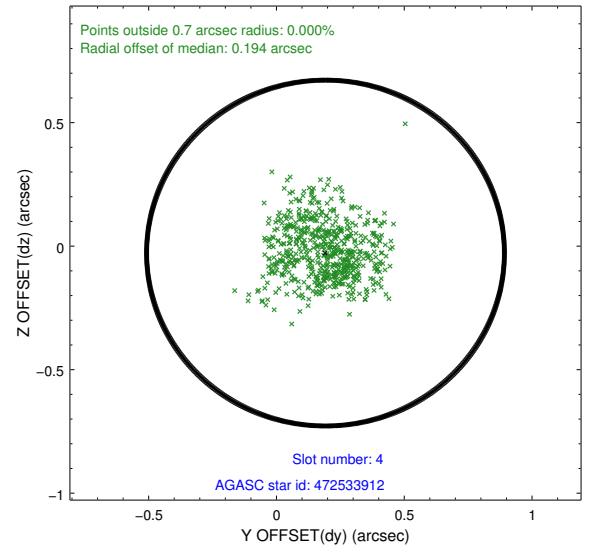
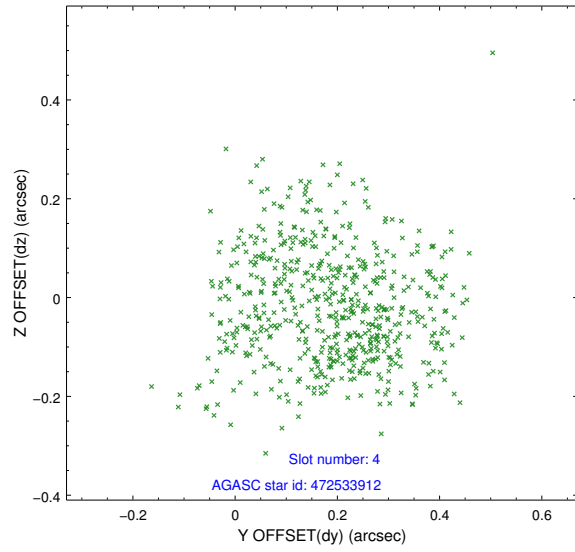
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	-0.063	0.031	0.006	0.011	0.000000	0.000000	-772.11	-1300.48
1	FID	HRC-I-2	7.00	290	0.229	-0.142	0.007	0.012	0.000000	0.000000	838.15	-1306.74
2	FID	HRC-I-3	7.05	290	-0.047	0.022	0.005	0.010	0.000000	0.000000	-1197.64	999.58
3	GUIDE	472523760	8.24	579	-0.035	-0.059	0.081	0.131	331.645363	45.403260	1865.46	524.75
4	GUIDE	472533912	9.16	580	0.192	-0.028	0.184	0.271	331.791136	46.368695	-619.96	-1927.75
5	GUIDE	472535576	7.86	580	-0.224	0.169	0.069	0.113	331.438373	46.291802	228.19	-2275.74
6	GUIDE	472655152	9.43	577	-0.023	-0.029	0.126	0.193	332.504239	45.862991	-855.72	602.59
7	GUIDE	472665256	9.01	579	0.088	-0.072	0.092	0.156	332.808125	46.195041	-2198.00	150.33

2.4 Star Slots

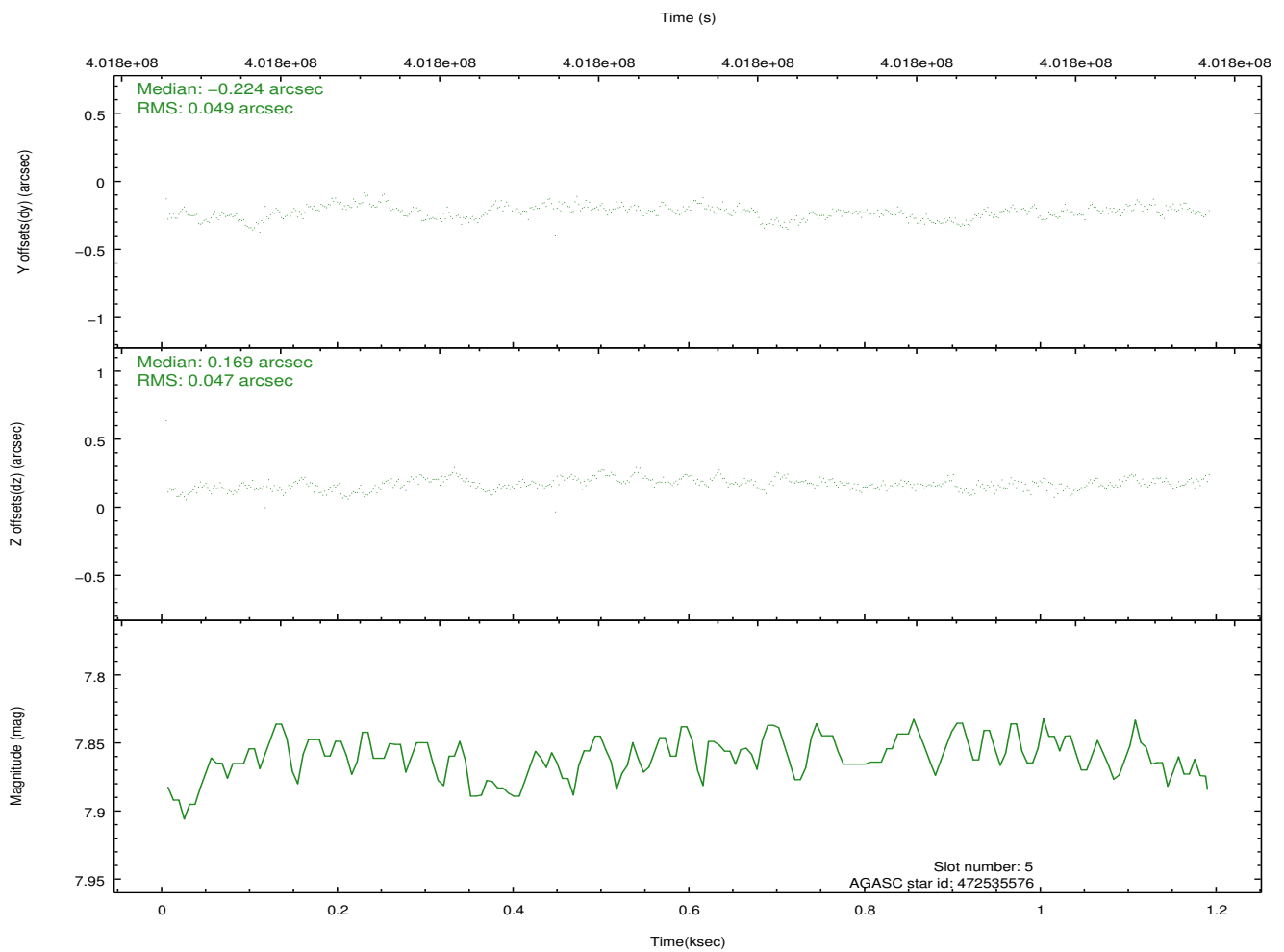
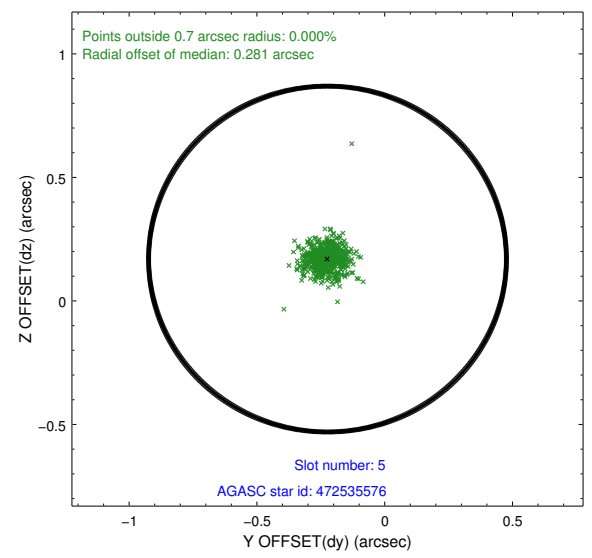
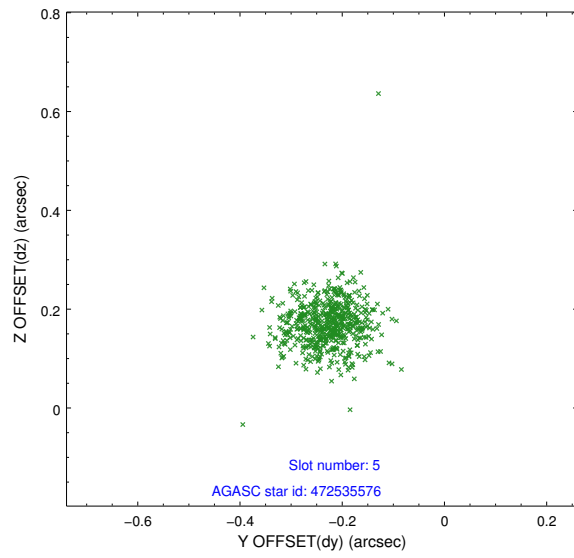
2.4.1 Slot 3



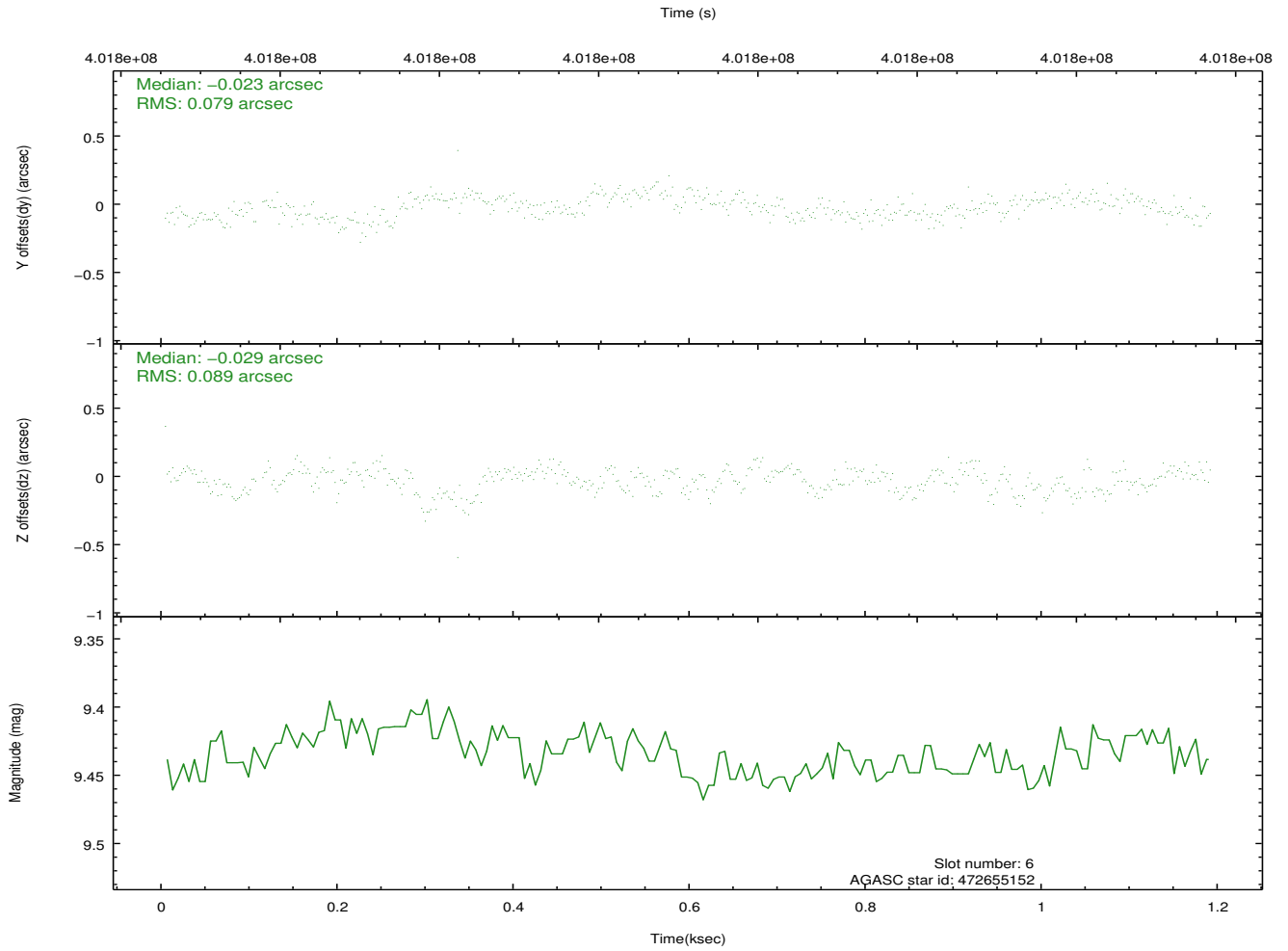
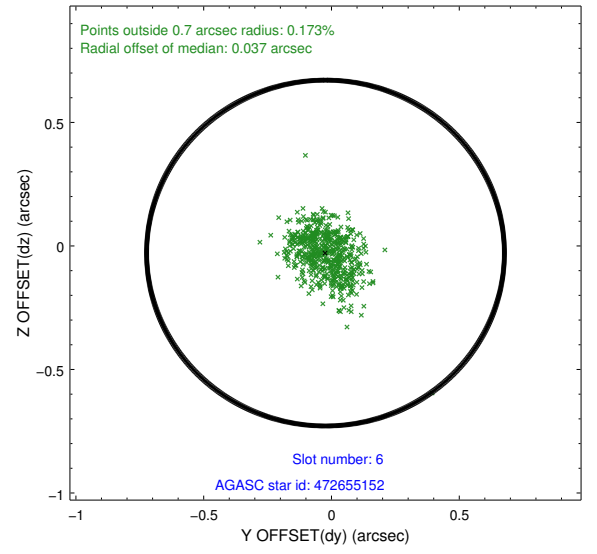
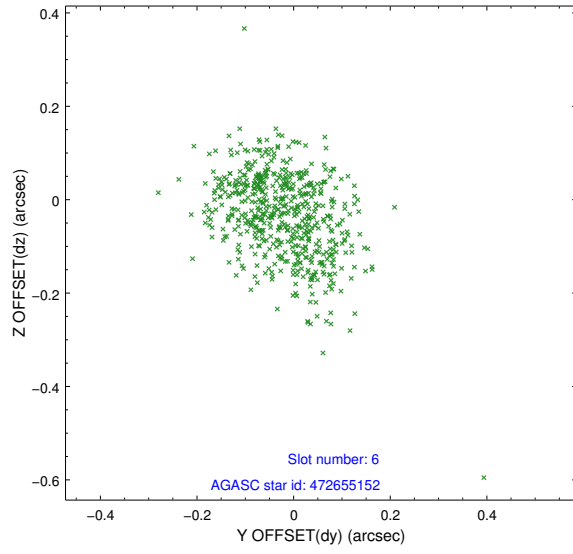
2.4.2 Slot 4



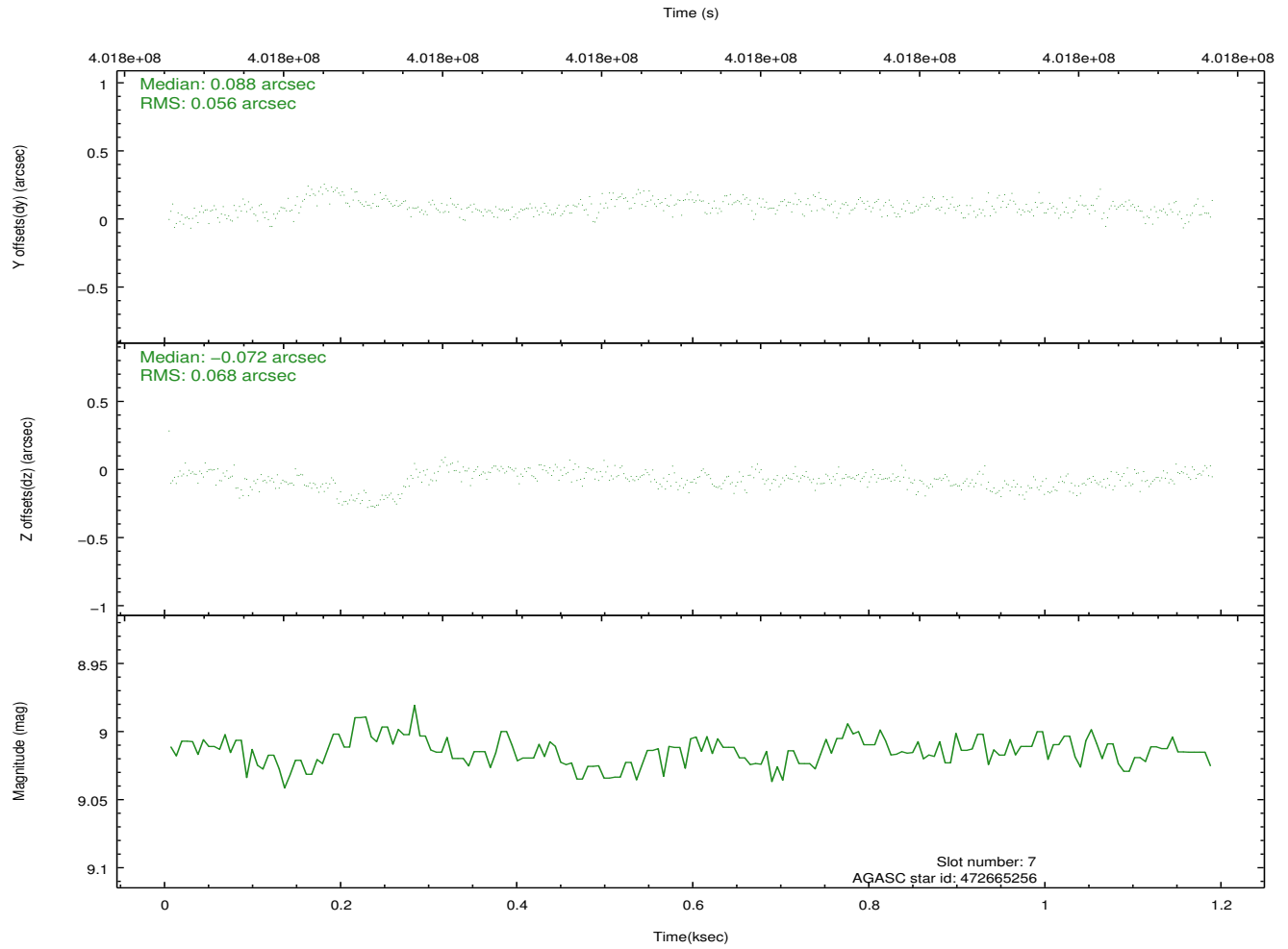
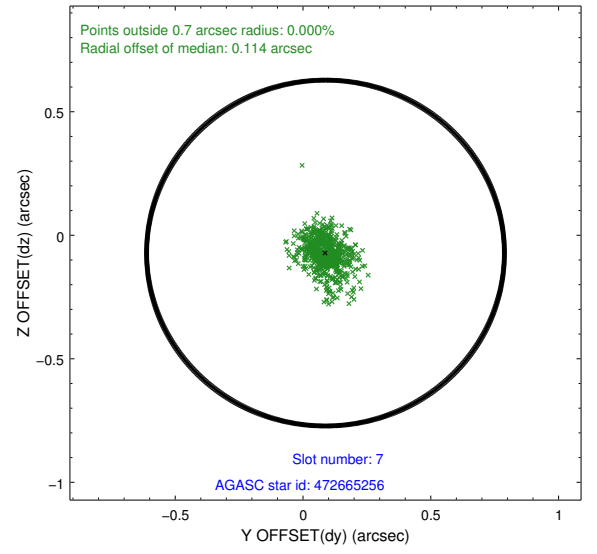
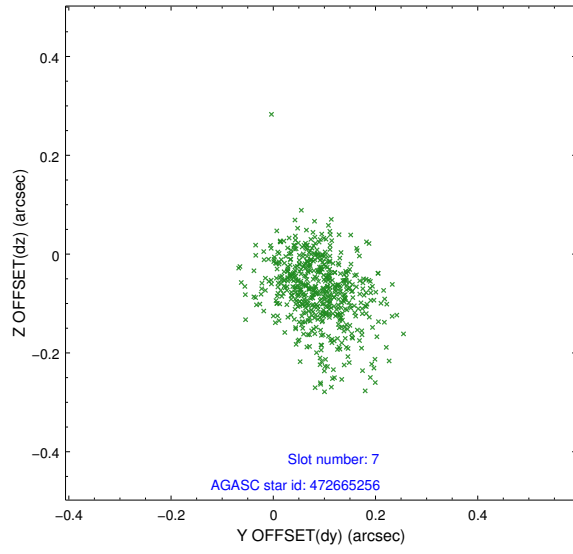
2.4.3 Slot 5



2.4.4 Slot 6

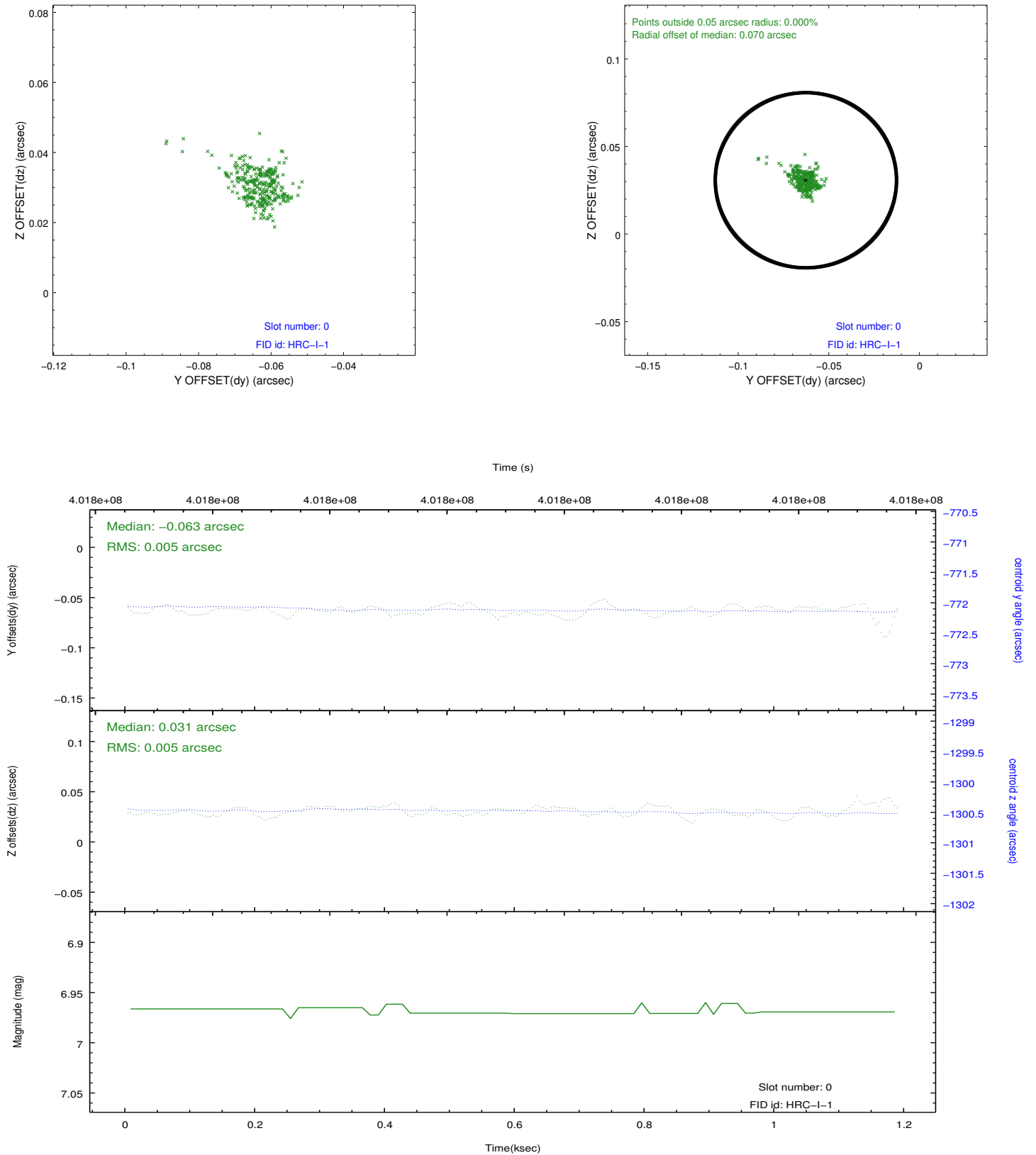


2.4.5 Slot 7

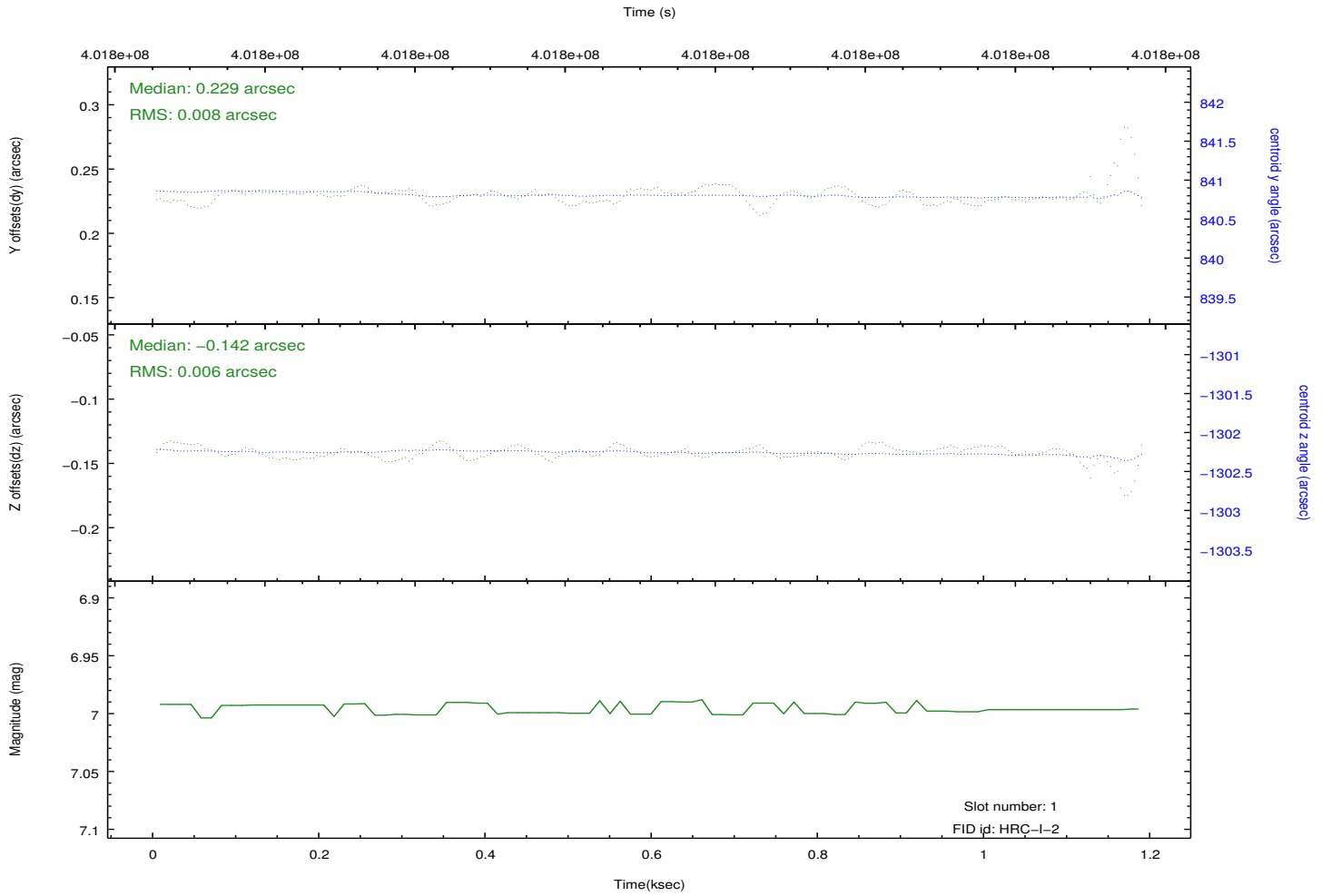
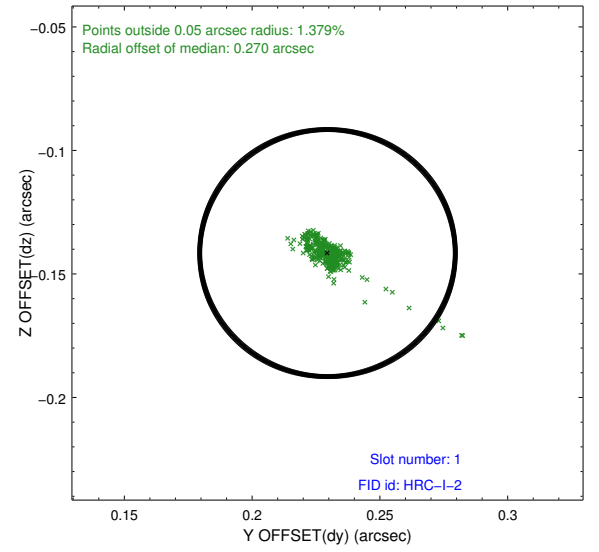
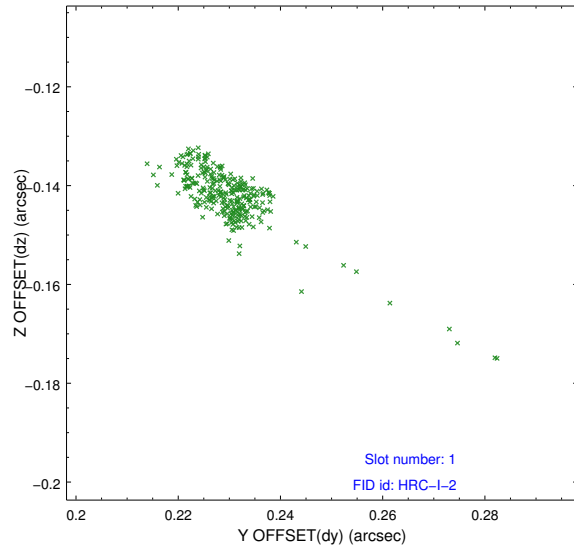


2.5 FID Slots

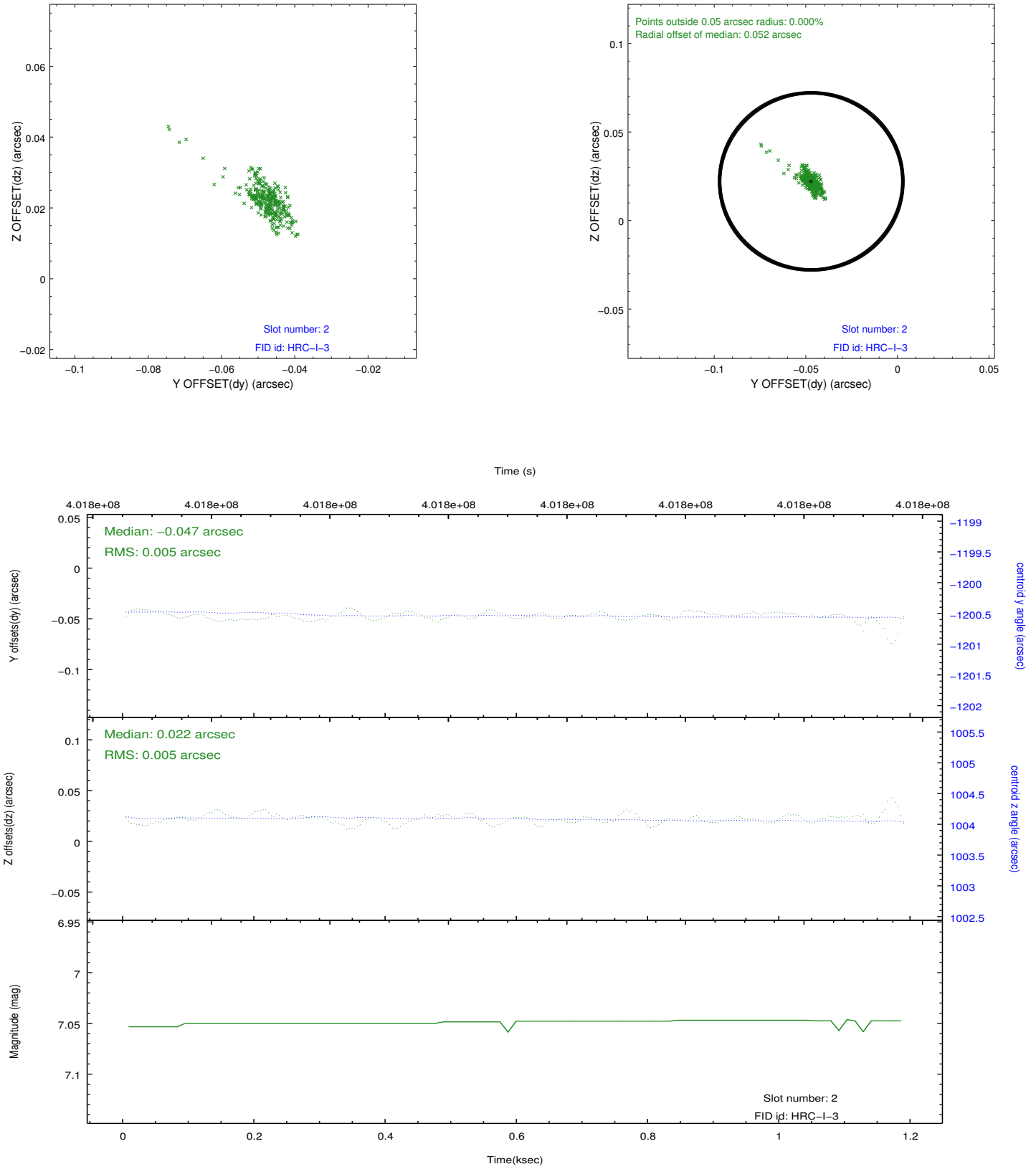
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813108921

A.2 Comments