

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10596 - L2 Version 3
Chandra X-Ray Center

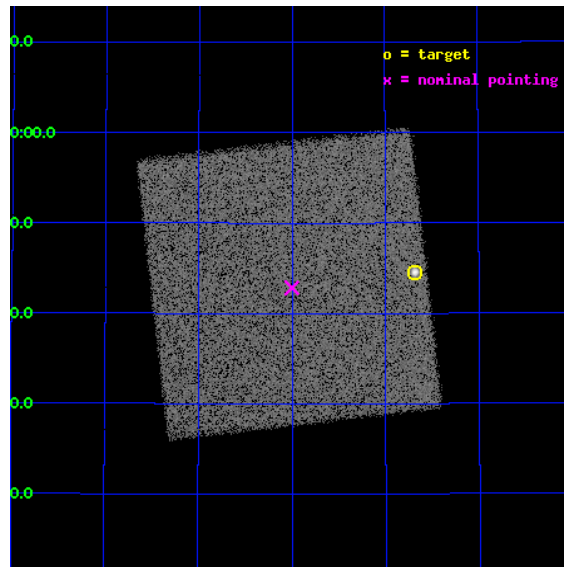
L2 Processing Date : Aug 13 2012

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1 Front

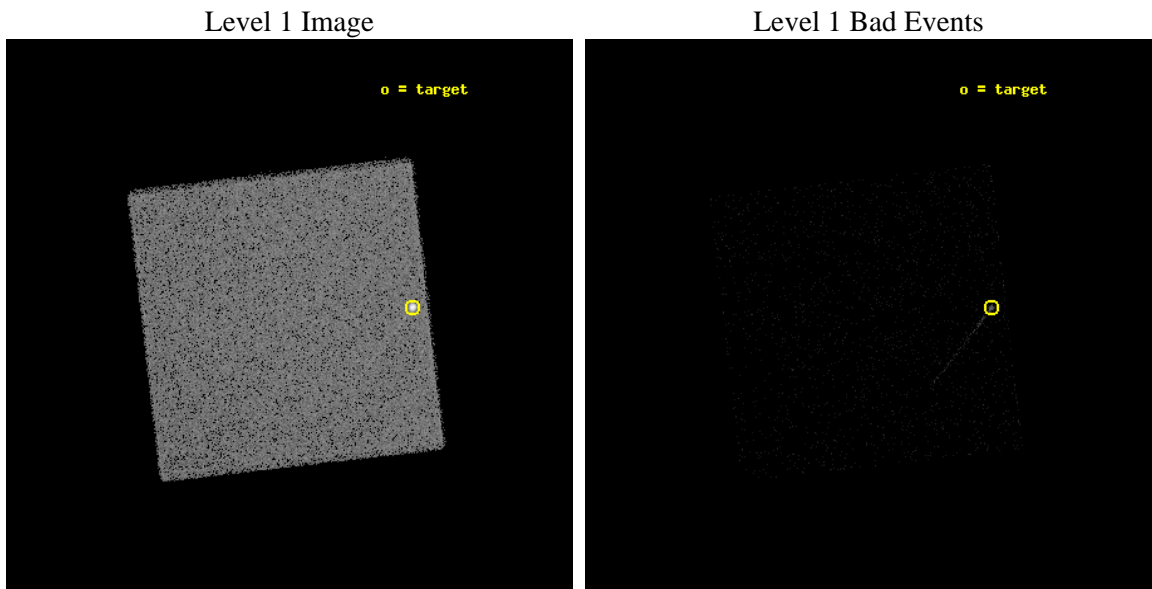
seq_num	290832	Sequence number
obs_id	10596	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.50004057926	Nominal RA [deg]
dec_nom	45.714045017057	Nominal Dec [deg]
roll_nom	218.43217358691	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1179.7750592828	[s]
livetime	1165.0727567153	Ontime multiplied by DTCOR
l2events	93688	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	1179.7750592828	[s]
caldbver	4.5.1.1	 	l1events	171954	Number of level 1 events
date	2012-08-13T14:47:31	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

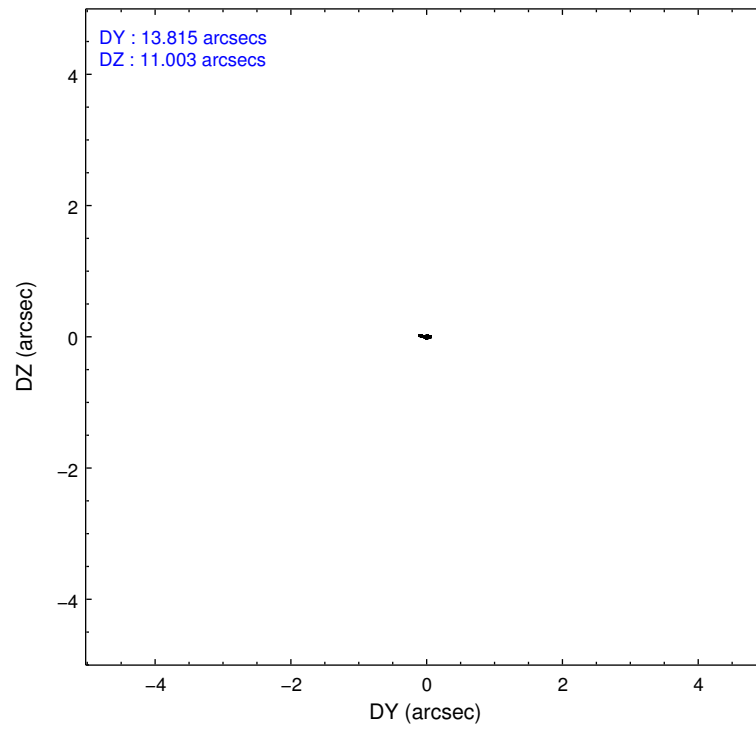
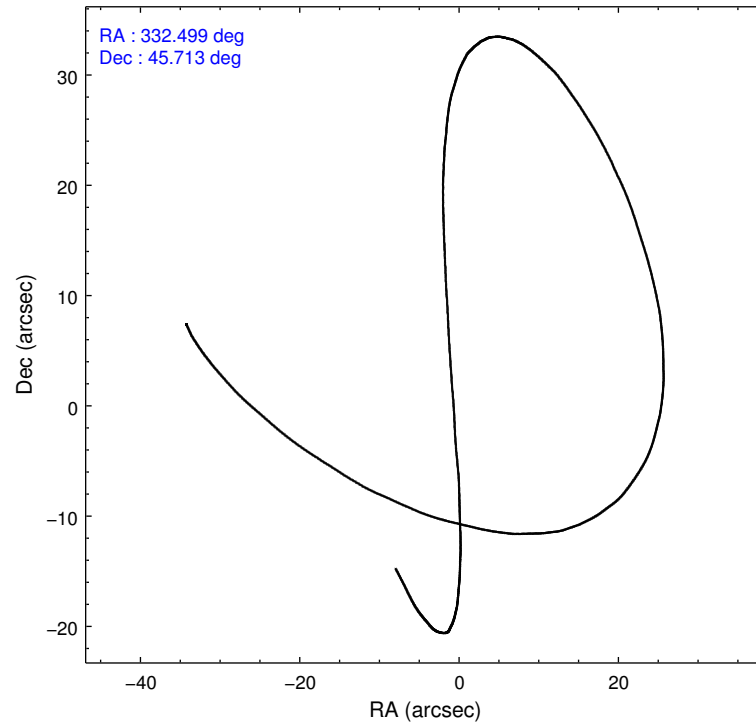
Level 1 Events

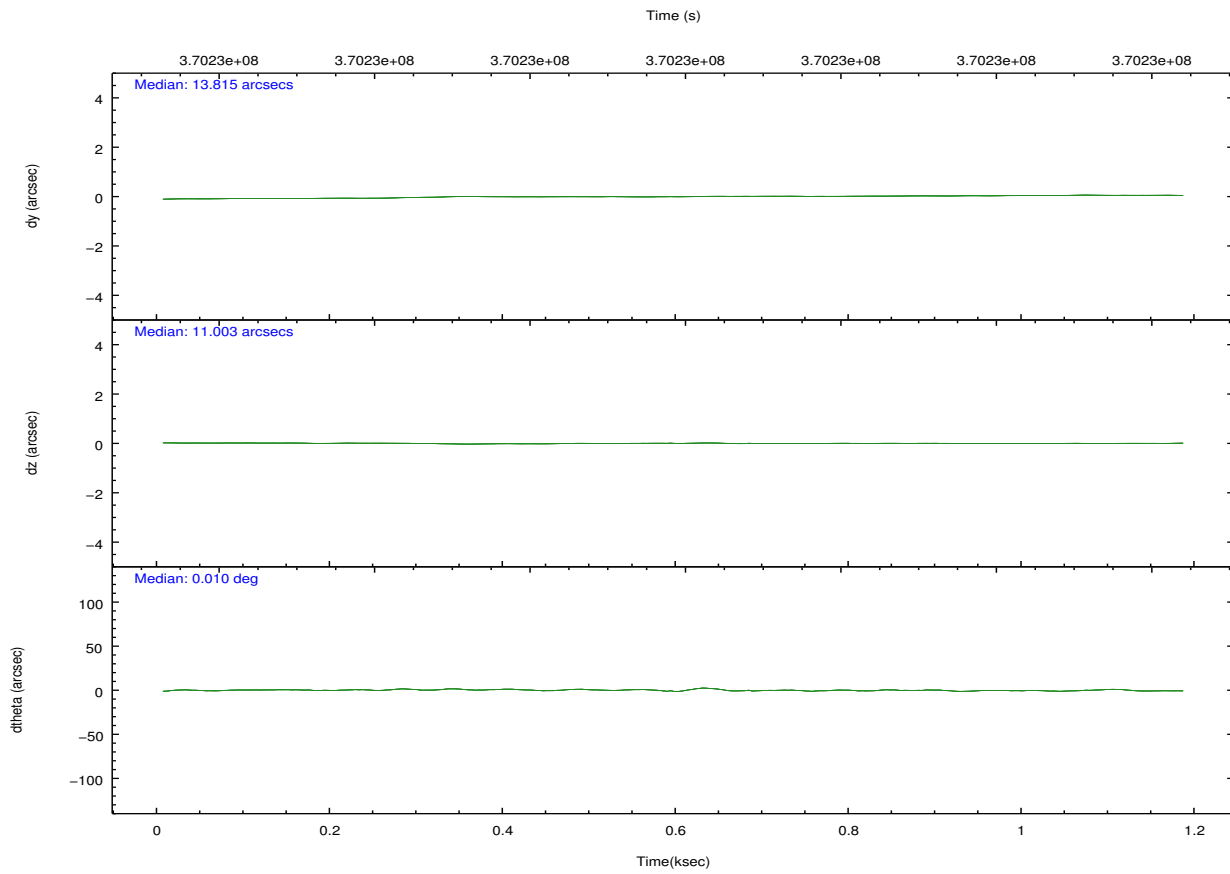
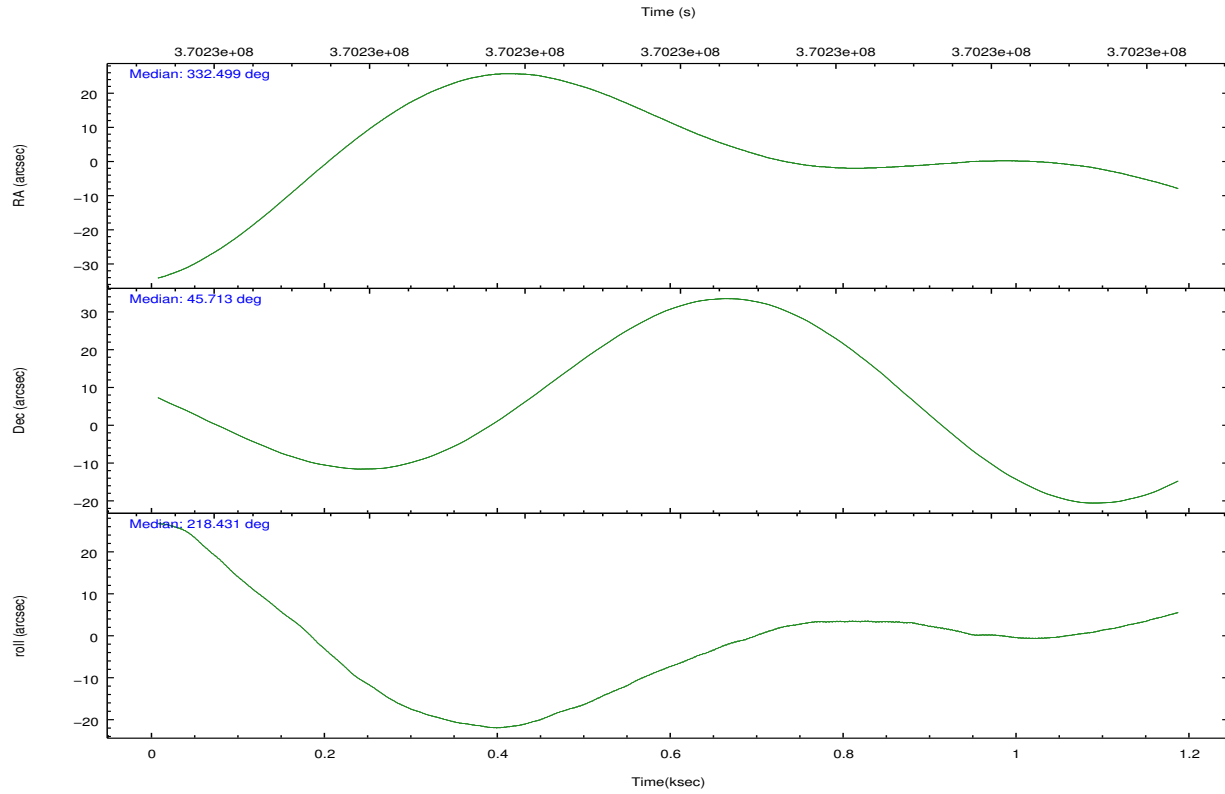
	segment 0
level 1 events	171954
rejected events	37535
rejected %	21%

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	332.513272	332.5000405792649			
[deg] Pointing Dec	45.740514	45.71404501705744			
[deg] Pointing Roll	218.518127	218.4321735869116			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	370225979.184000	370225603.33497			
Observation start date	2009-09-25T00:31:53	2009-09-25T00:26:43			
[s] Observation end time (MET)	370226979.184000	370227113.16005			
Observation end date	2009-09-25T00:48:33	2009-09-25T00:51:53			

2.3 Aspect



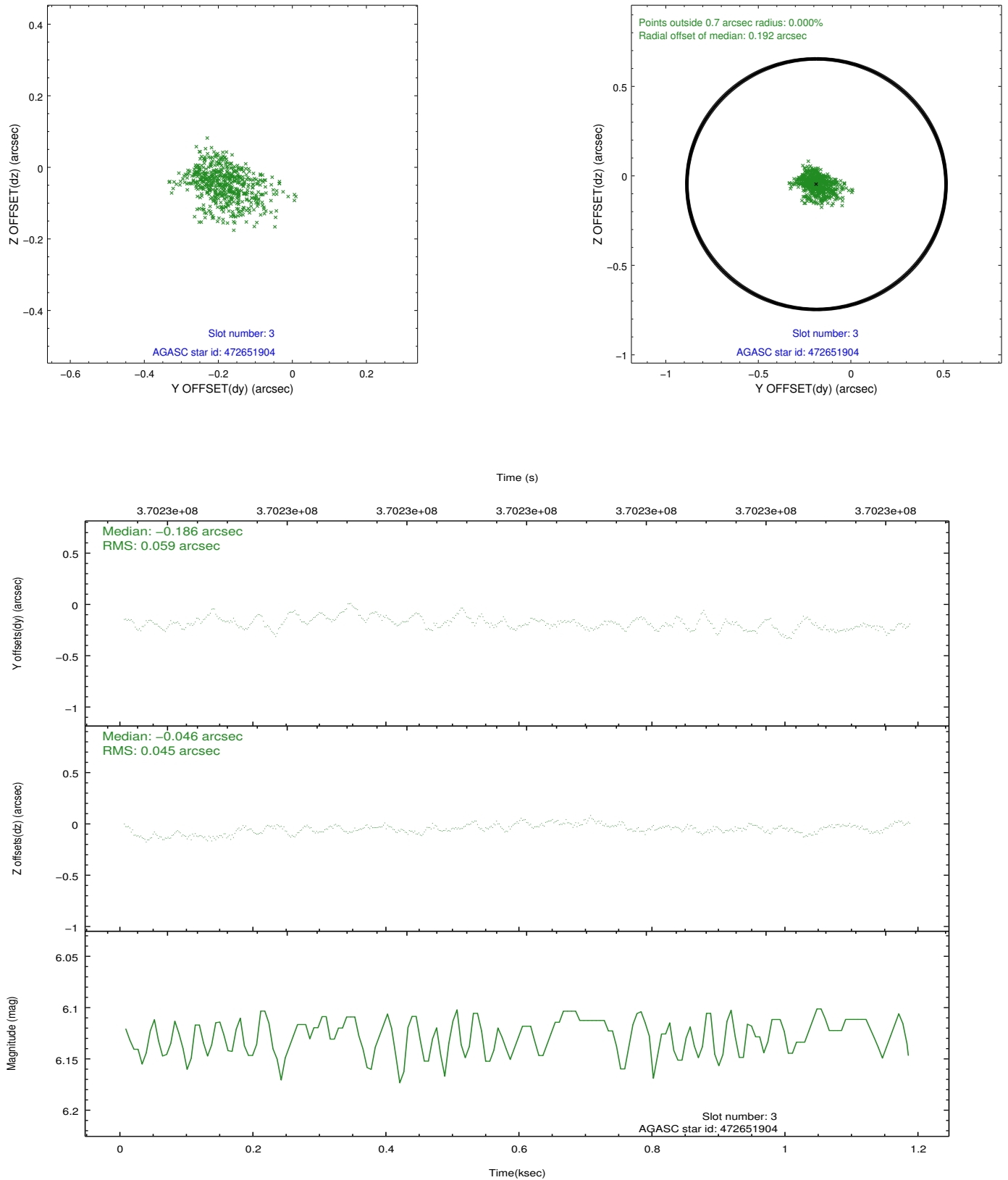


Slot Statistics

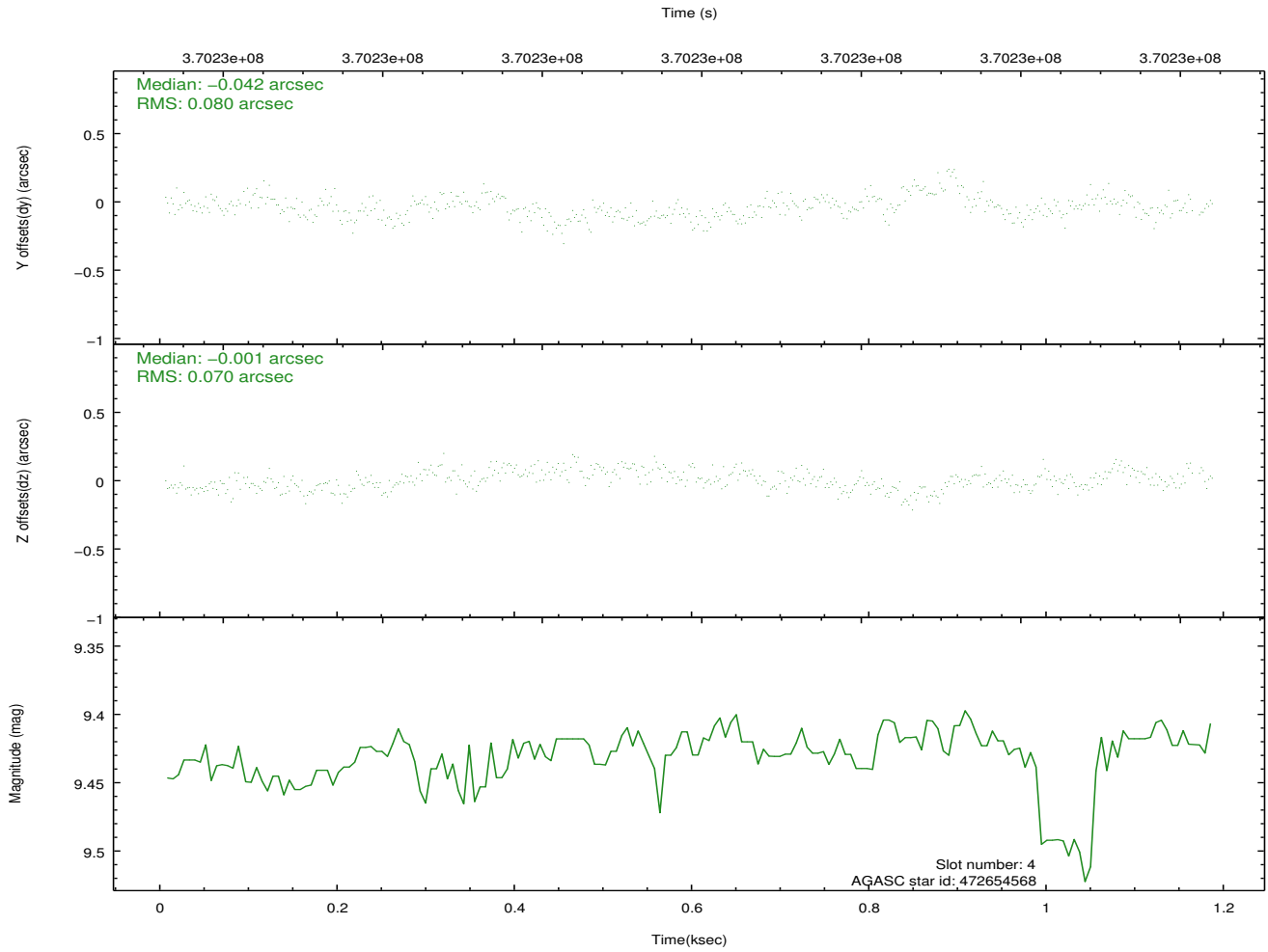
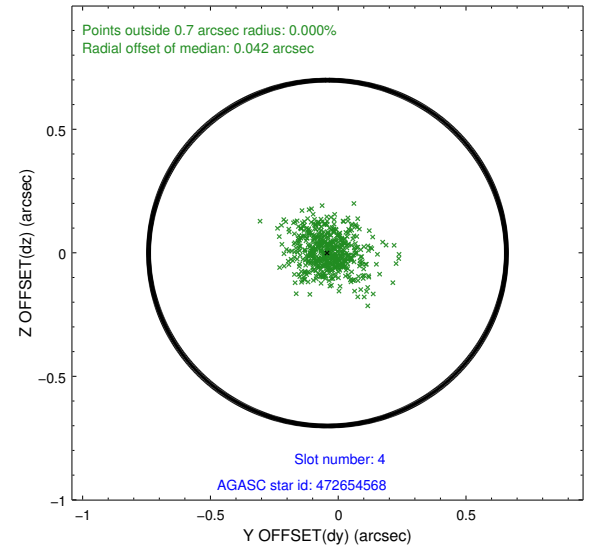
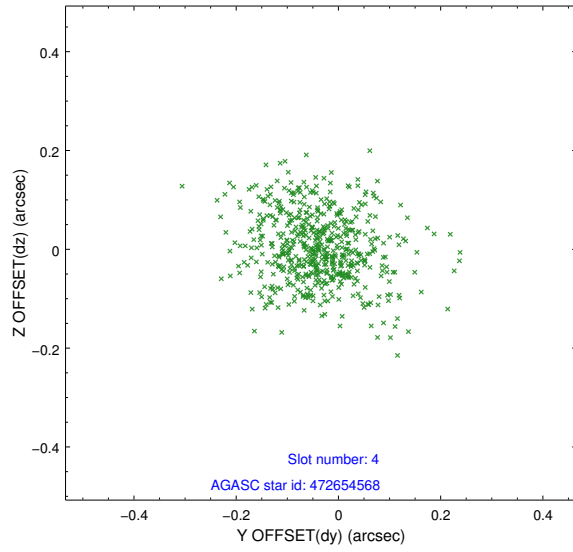
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	288	-0.008	-0.053	0.008	0.014	0.000000	0.000000	-769.63	-1298.95
1	FID	HRC-I-3	7.07	287	-0.079	-0.051	0.007	0.011	0.000000	0.000000	-1200.80	1001.11
2	FID	HRC-I-4	7.00	288	0.200	0.015	0.006	0.010	0.000000	0.000000	1269.27	1006.70
3	GUIDE	472651904	6.13	577	-0.186	-0.046	0.079	0.132	332.170077	45.742257	668.25	-546.80
4	GUIDE	472654568	9.43	573	-0.042	-0.001	0.112	0.190	332.194449	45.063576	2150.95	1397.05
5	GUIDE	472655152	9.45	575	0.128	-0.004	0.120	0.191	332.504239	45.862991	-254.18	-359.29
6	GUIDE	472663080	9.40	576	0.029	0.071	0.105	0.168	332.652741	46.473840	-1916.44	-1853.86
7	GUIDE	472665256	9.03	576	0.064	-0.031	0.119	0.176	332.808125	46.195041	-1599.22	-829.79

2.4 Star Slots

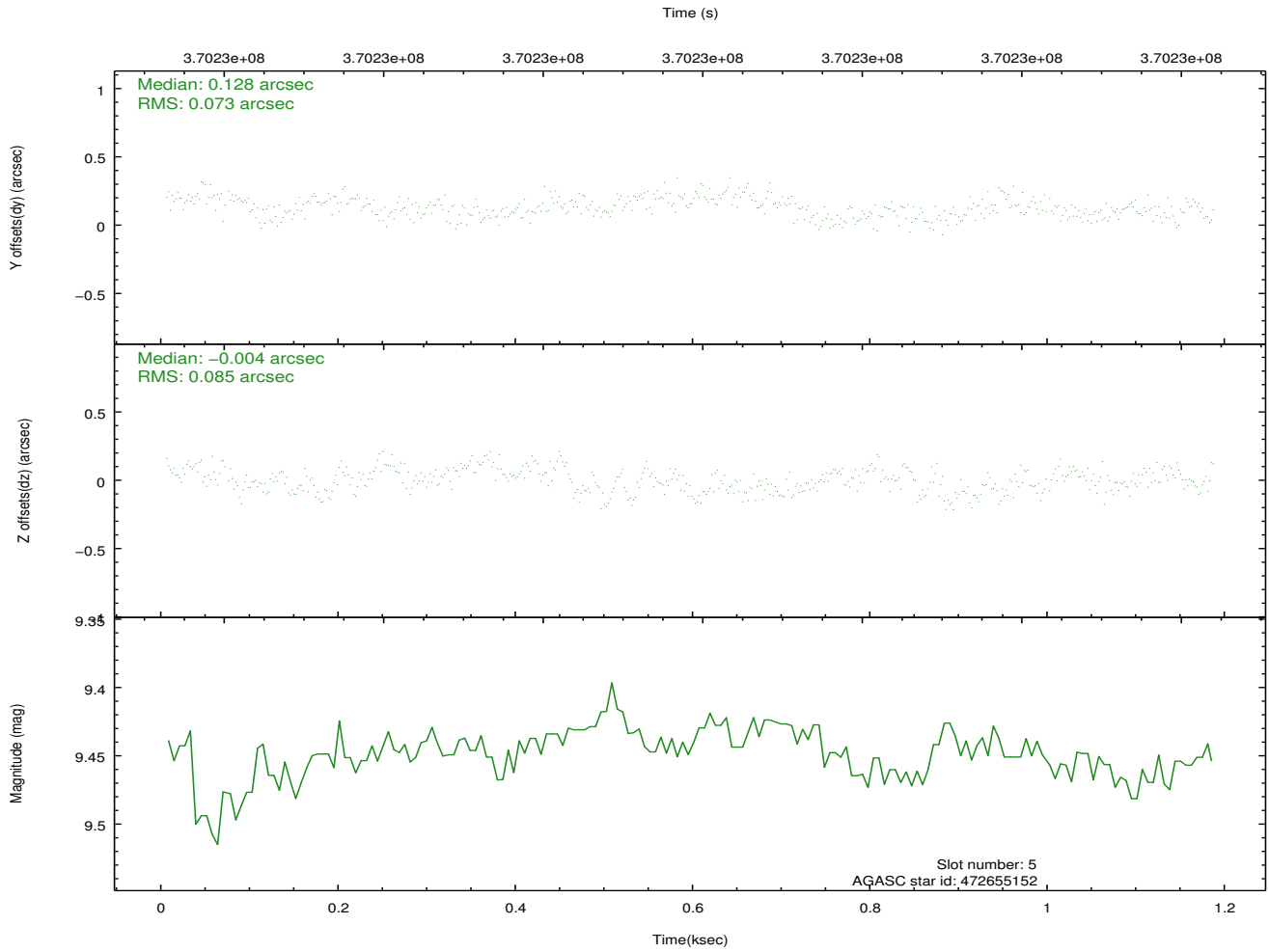
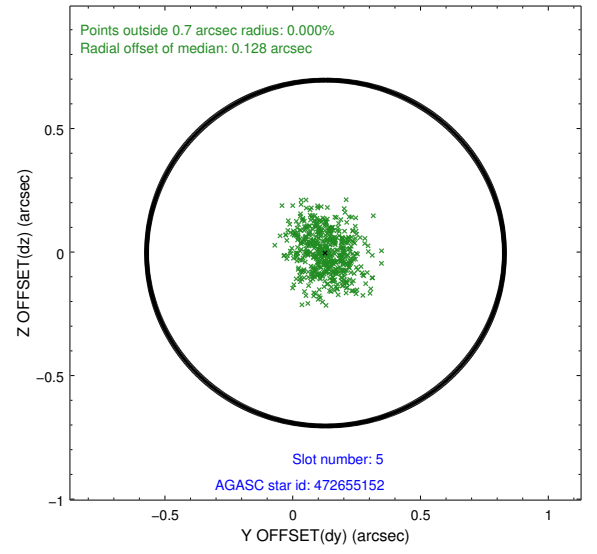
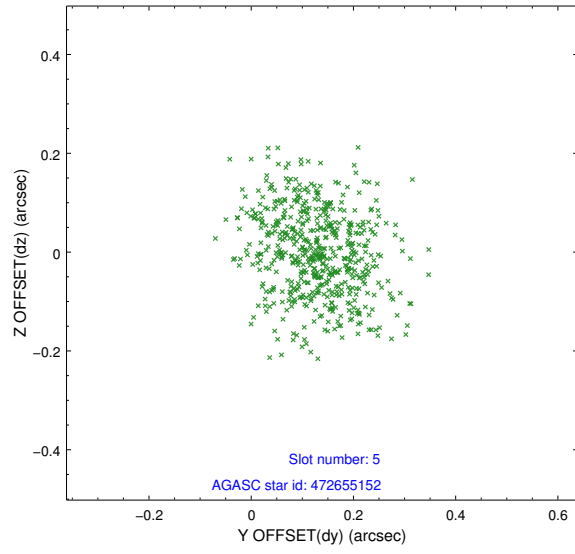
2.4.1 Slot 3



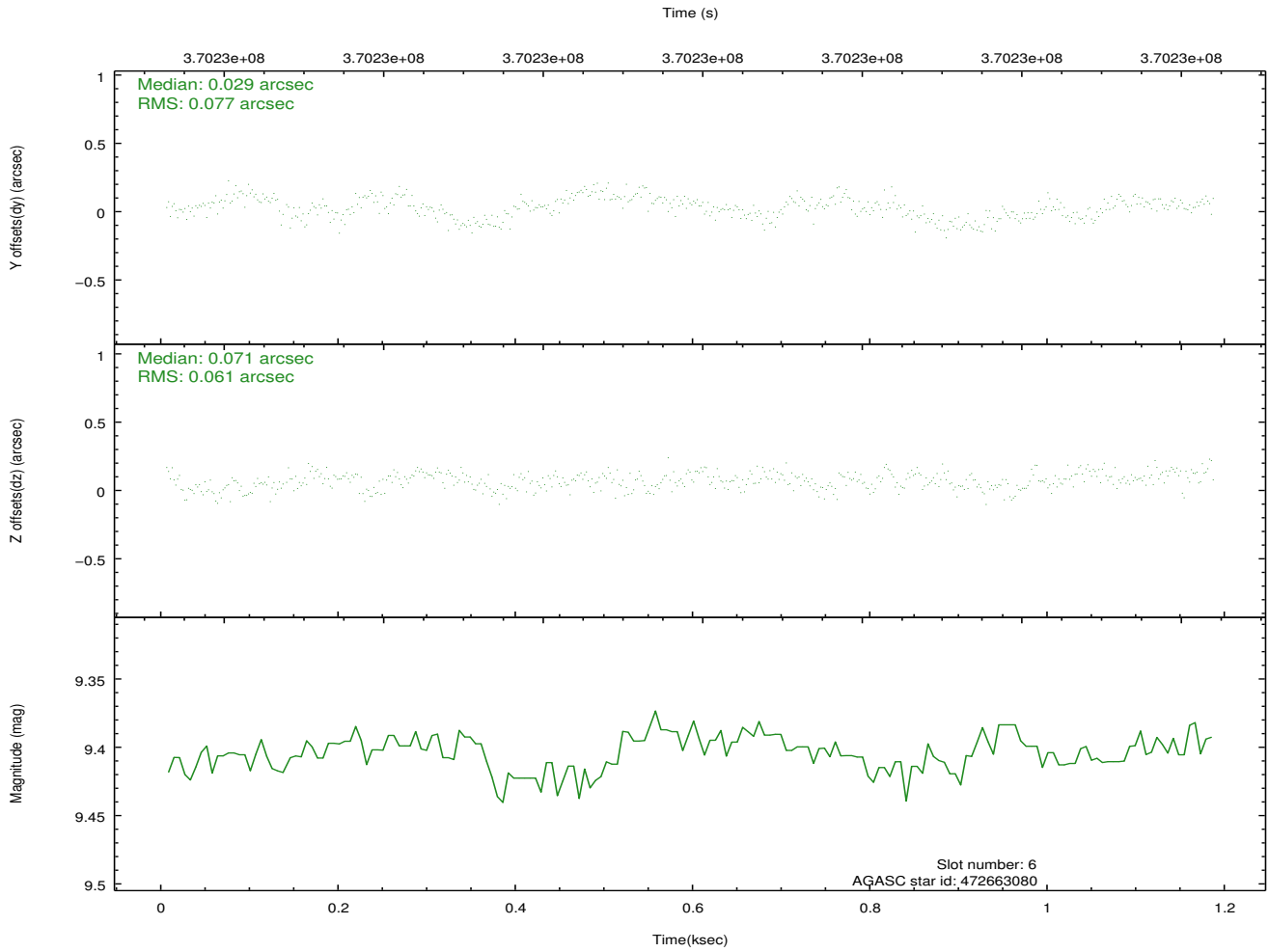
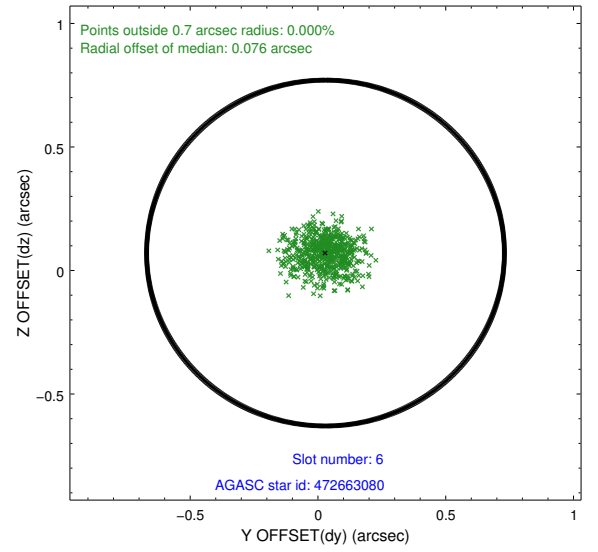
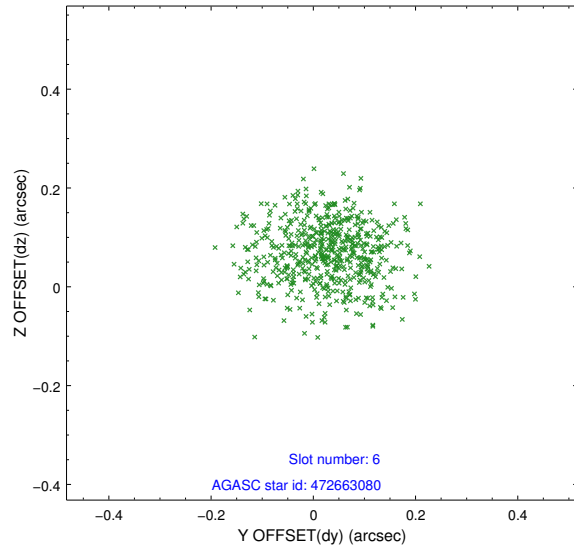
2.4.2 Slot 4



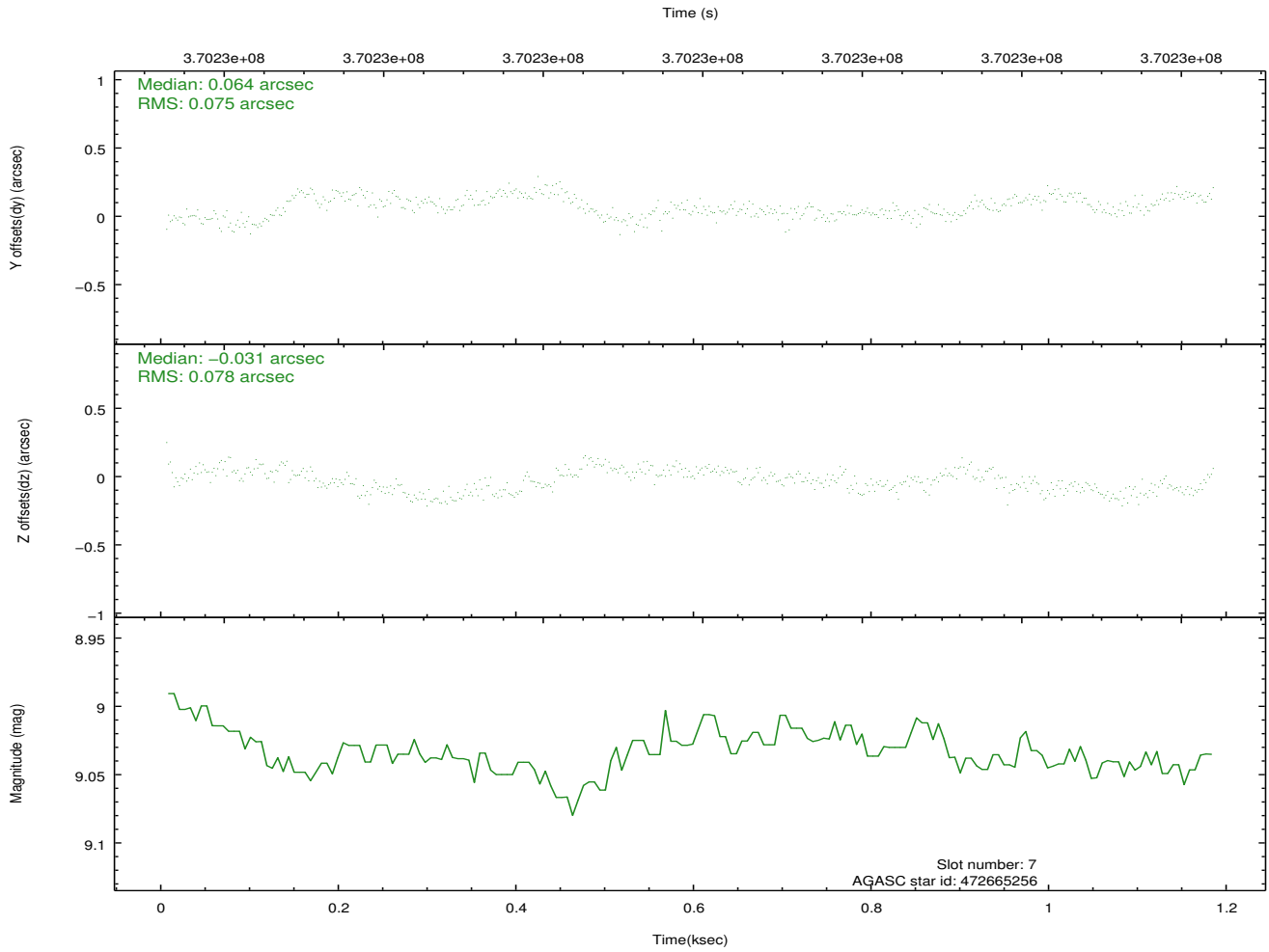
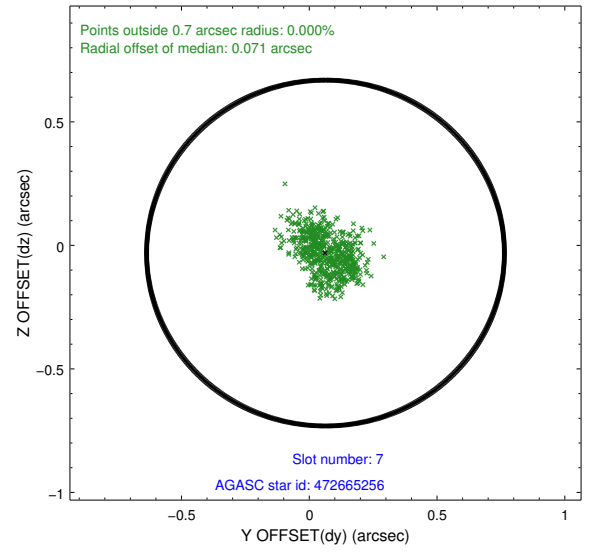
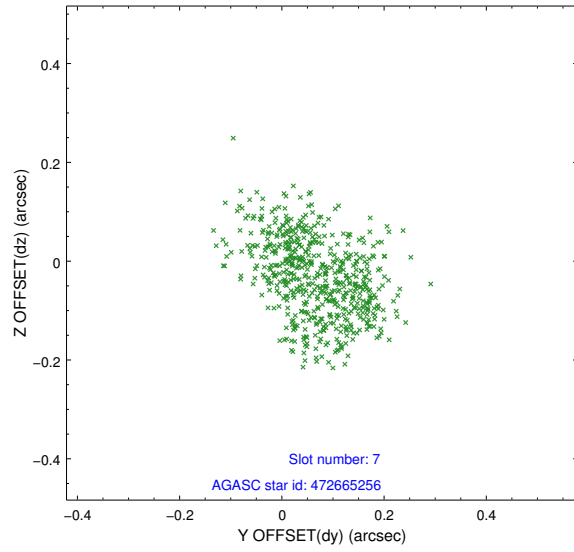
2.4.3 Slot 5



2.4.4 Slot 6

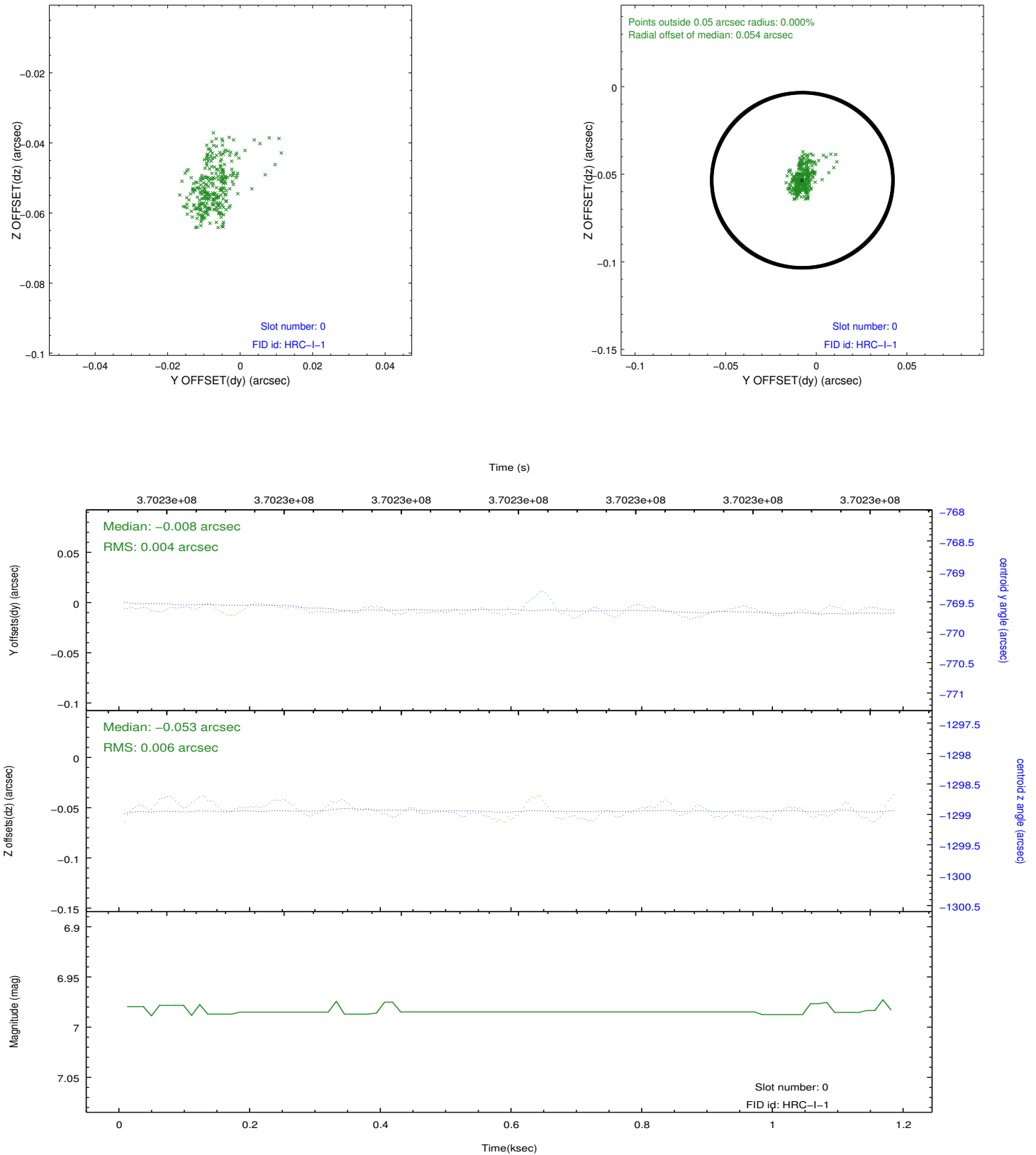


2.4.5 Slot 7

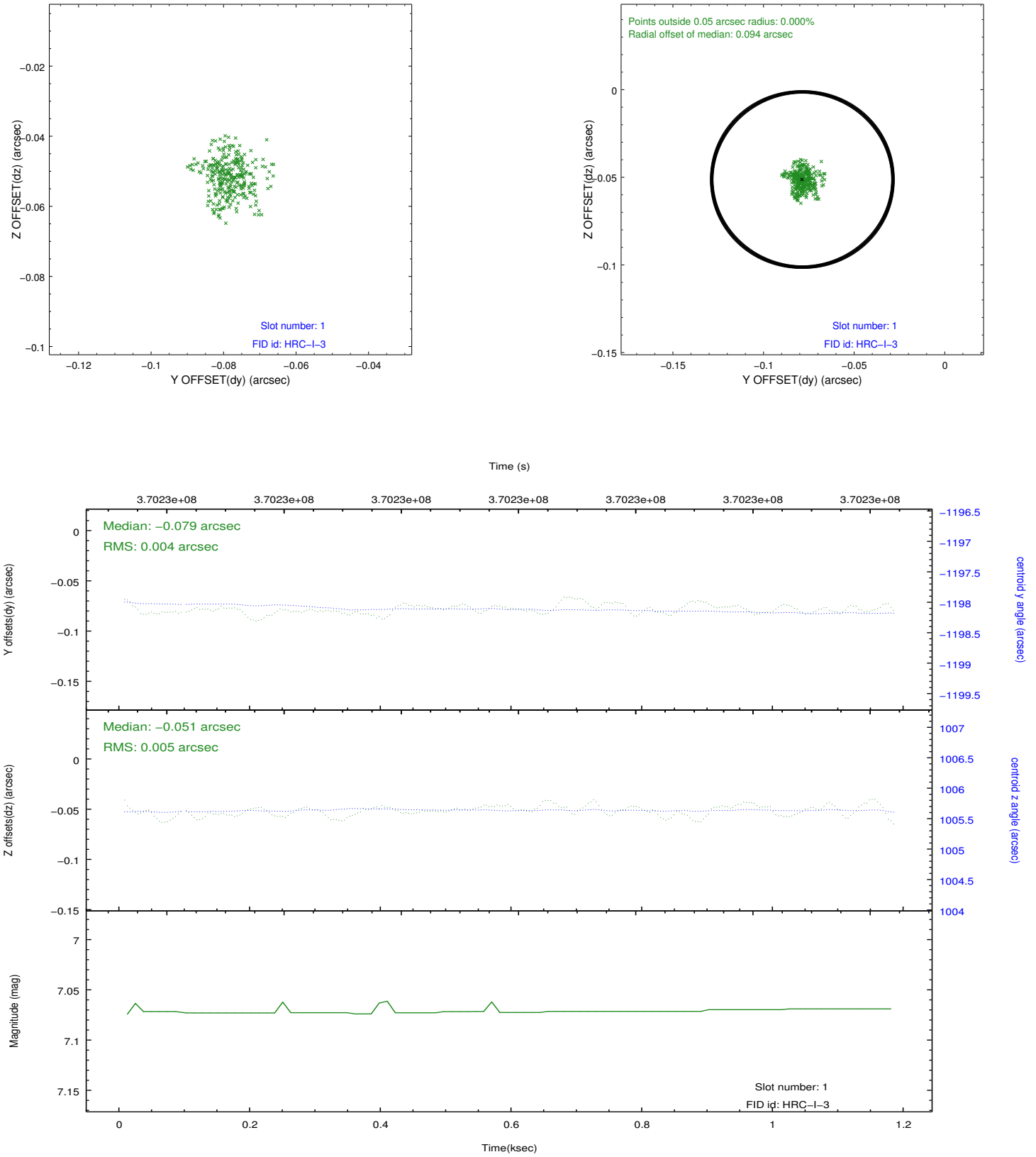


2.5 FID Slots

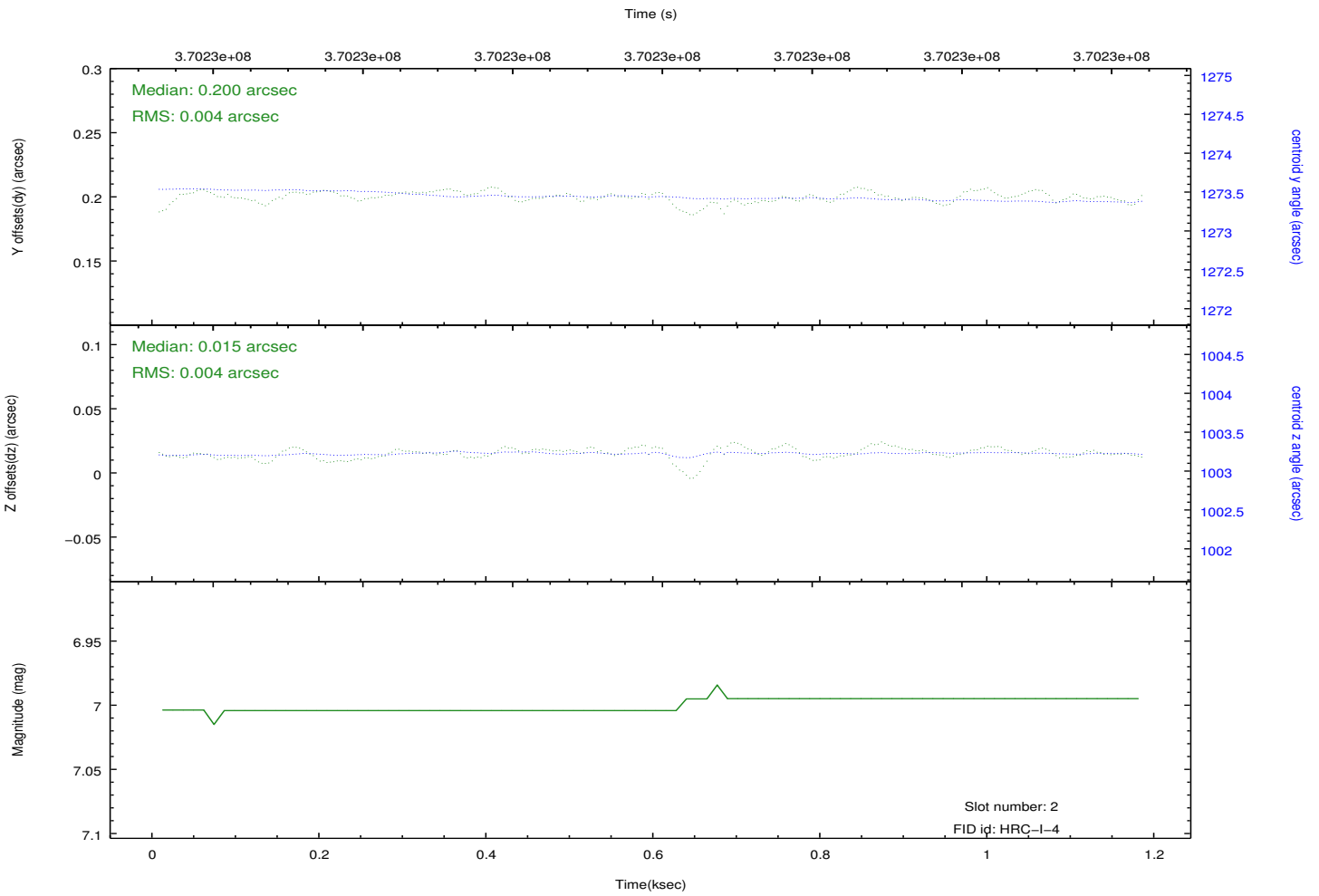
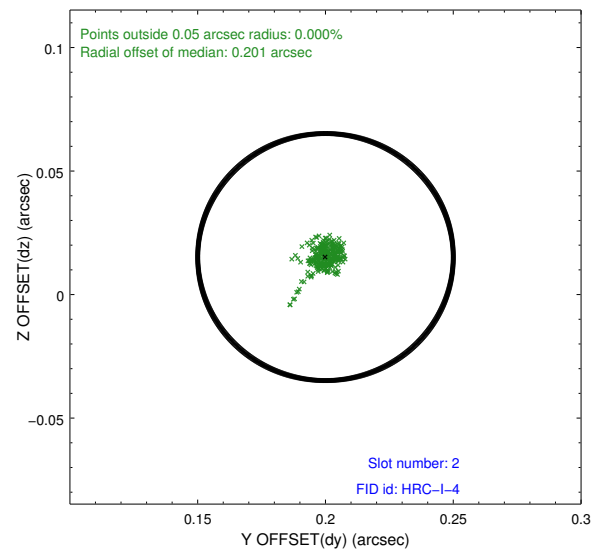
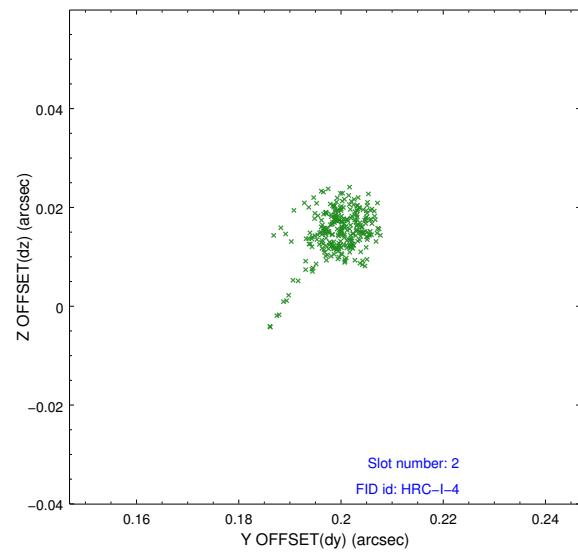
2.5.1 Slot 0



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)	2012.08.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1797750592828

A.2 Comments