

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13052 - L2 Version 3
Chandra X-Ray Center

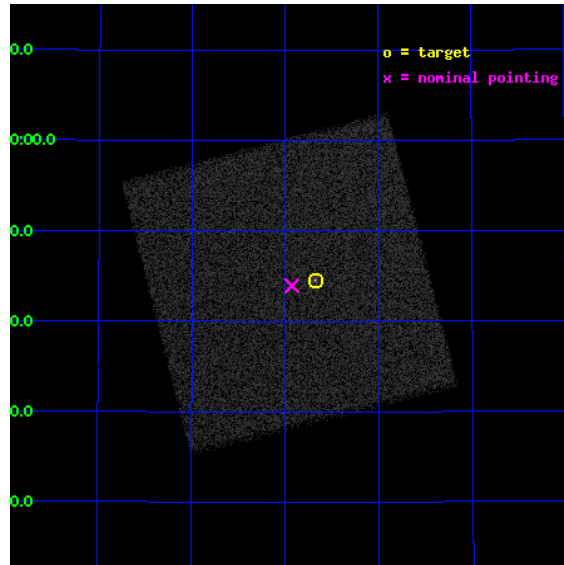
L2 Processing Date : Jul 27 2012

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1 Front

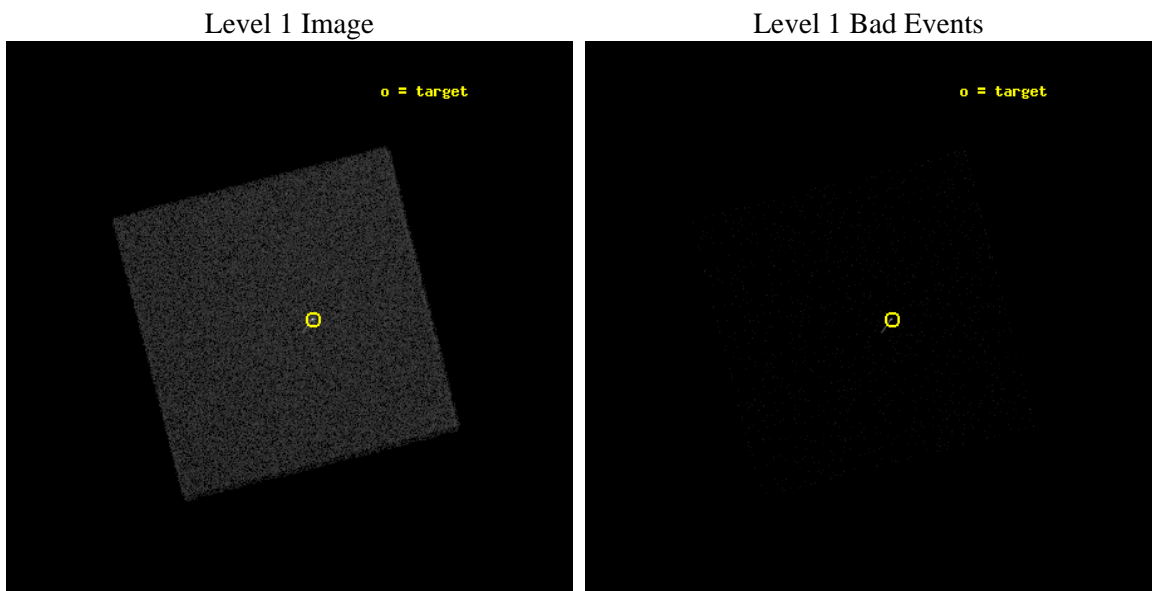
seq_num	290971	Sequence number
obs_id	13052	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.23220716334	Nominal RA [deg]
dec_nom	45.732390785772	Nominal Dec [deg]
roll_nom	210.56665477255	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1181.8250618577	[s]
livetime	1170.7364563456	Ontime multiplied by DTCOR
l2events	81011	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	1181.8250618577	[s]
caldbver	4.5.1	 	l1events	141422	Number of level 1 events
date	2012-07-28T01:33:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

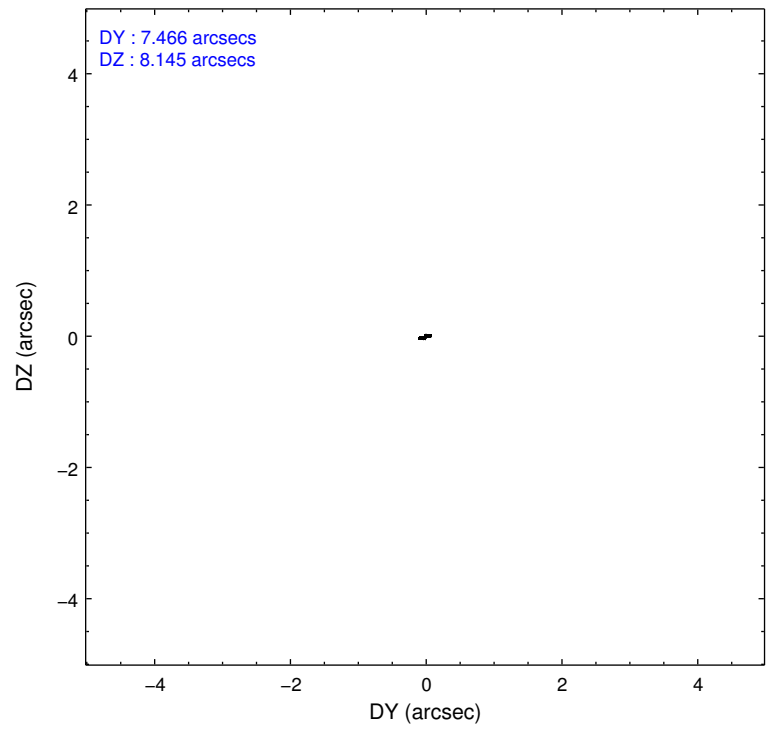
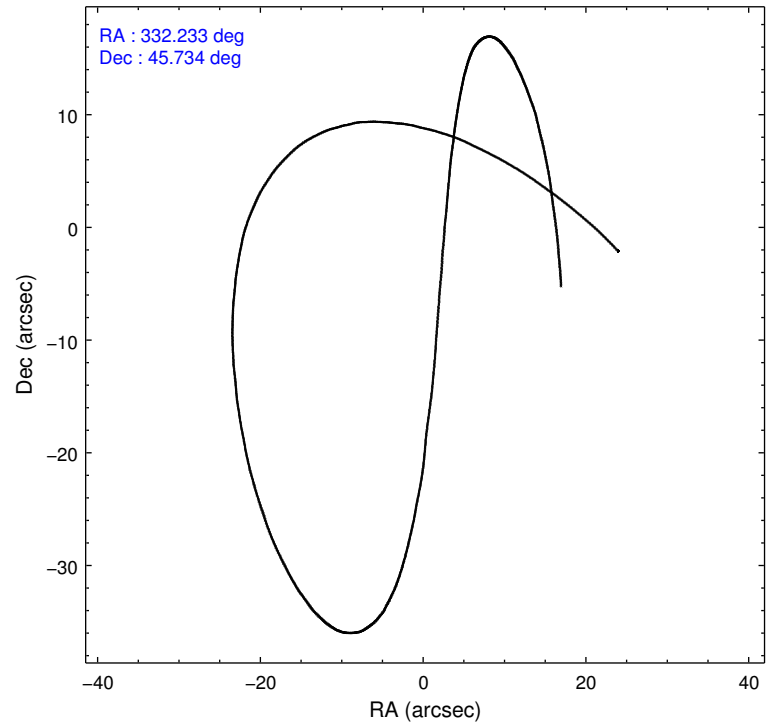
Level 1 Events

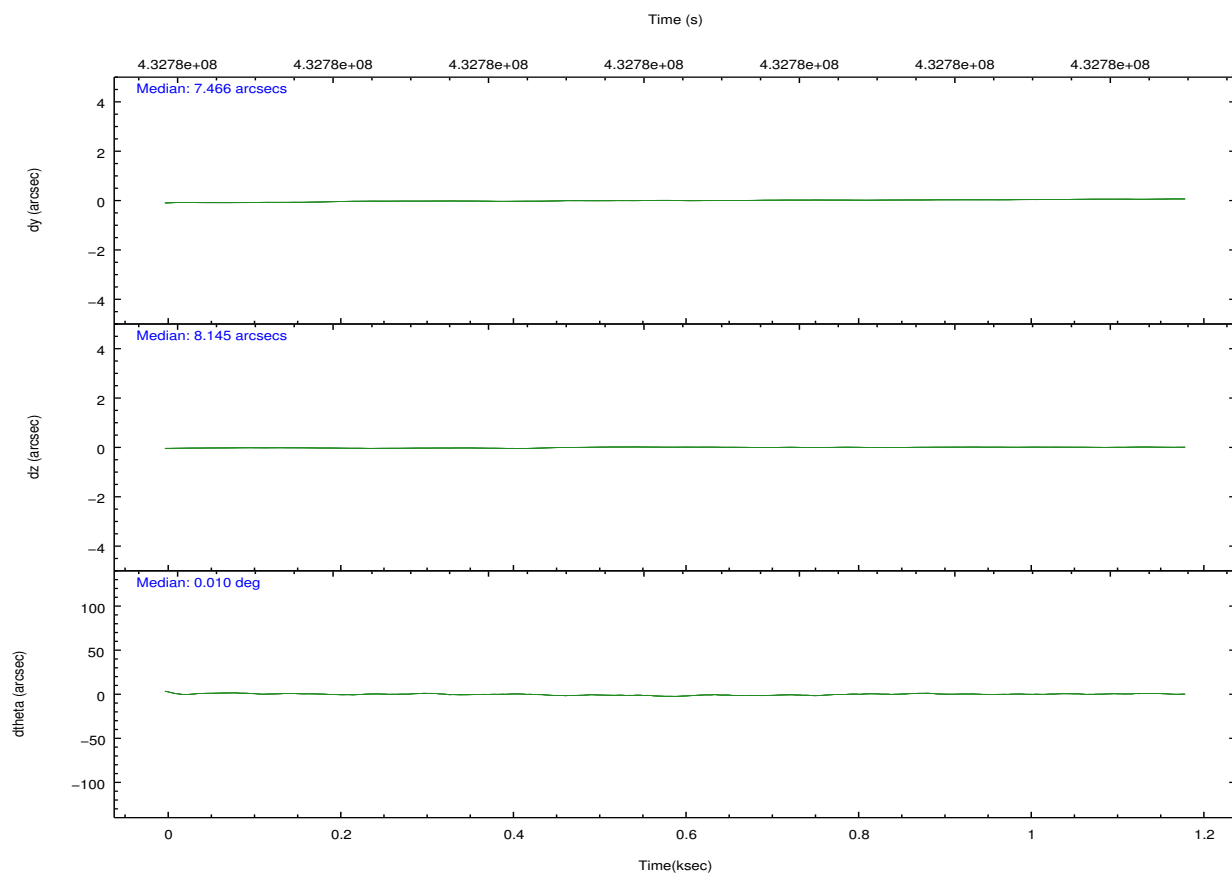
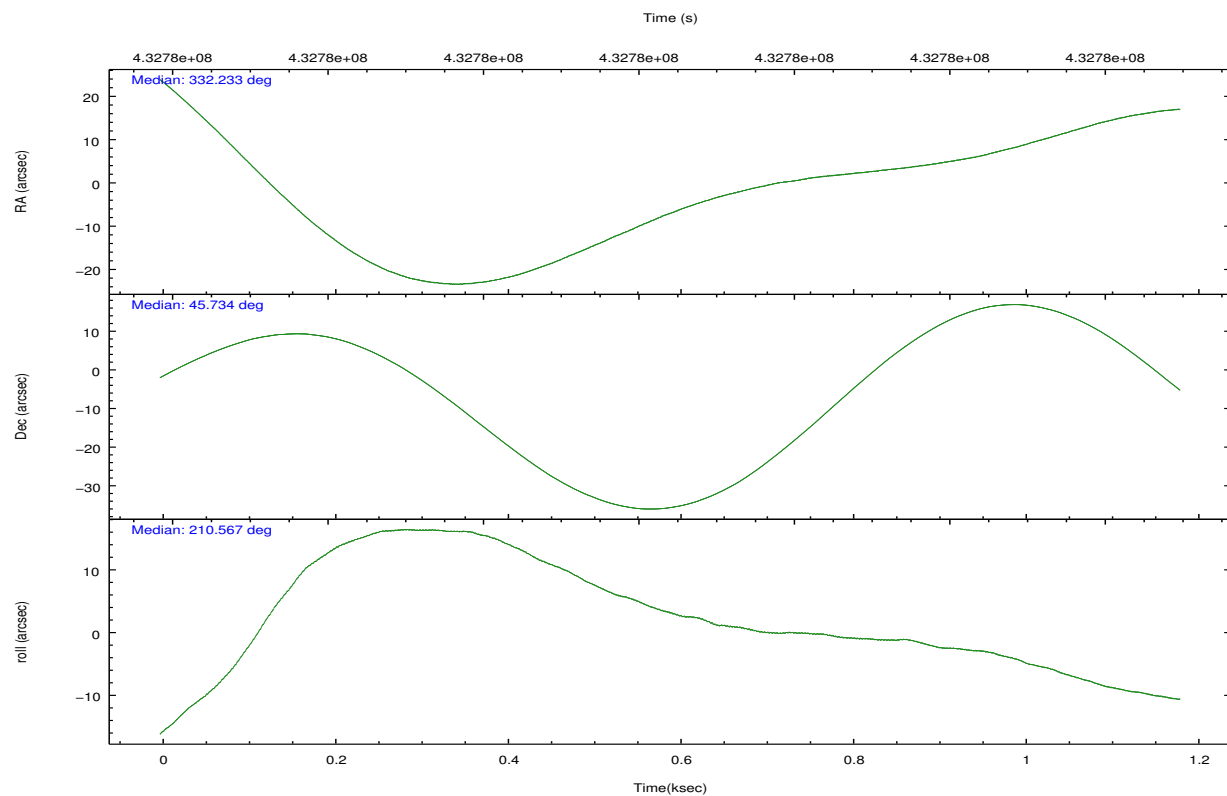
	segment 0
level 1 events	141422
rejected events	31048
rejected %	21%

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	332.250912	332.2322071633367			
[deg] Pointing Dec	45.755255	45.73239078577216			
[deg] Pointing Roll	210.648759	210.5666547725463			
[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)	432775825.184000	432775449.61048			
Observation start date	2011-09-18T23:29:19	2011-09-18T23:24:09			
[s] Observation end time (MET)	432776825.184000	432776959.94805			
Observation end date	2011-09-18T23:45:59	2011-09-18T23:49:19			

2.3 Aspect



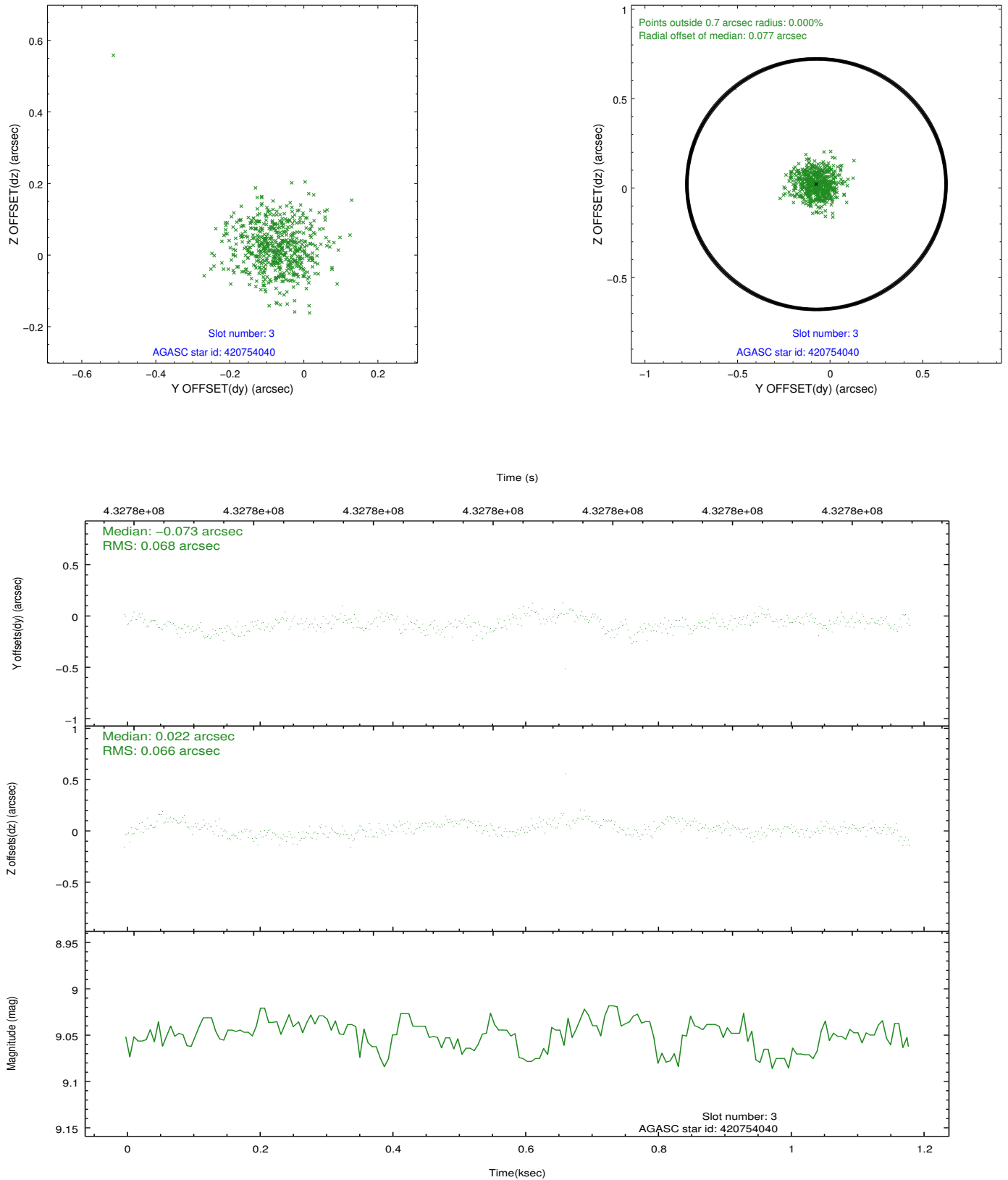


Slot Statistics

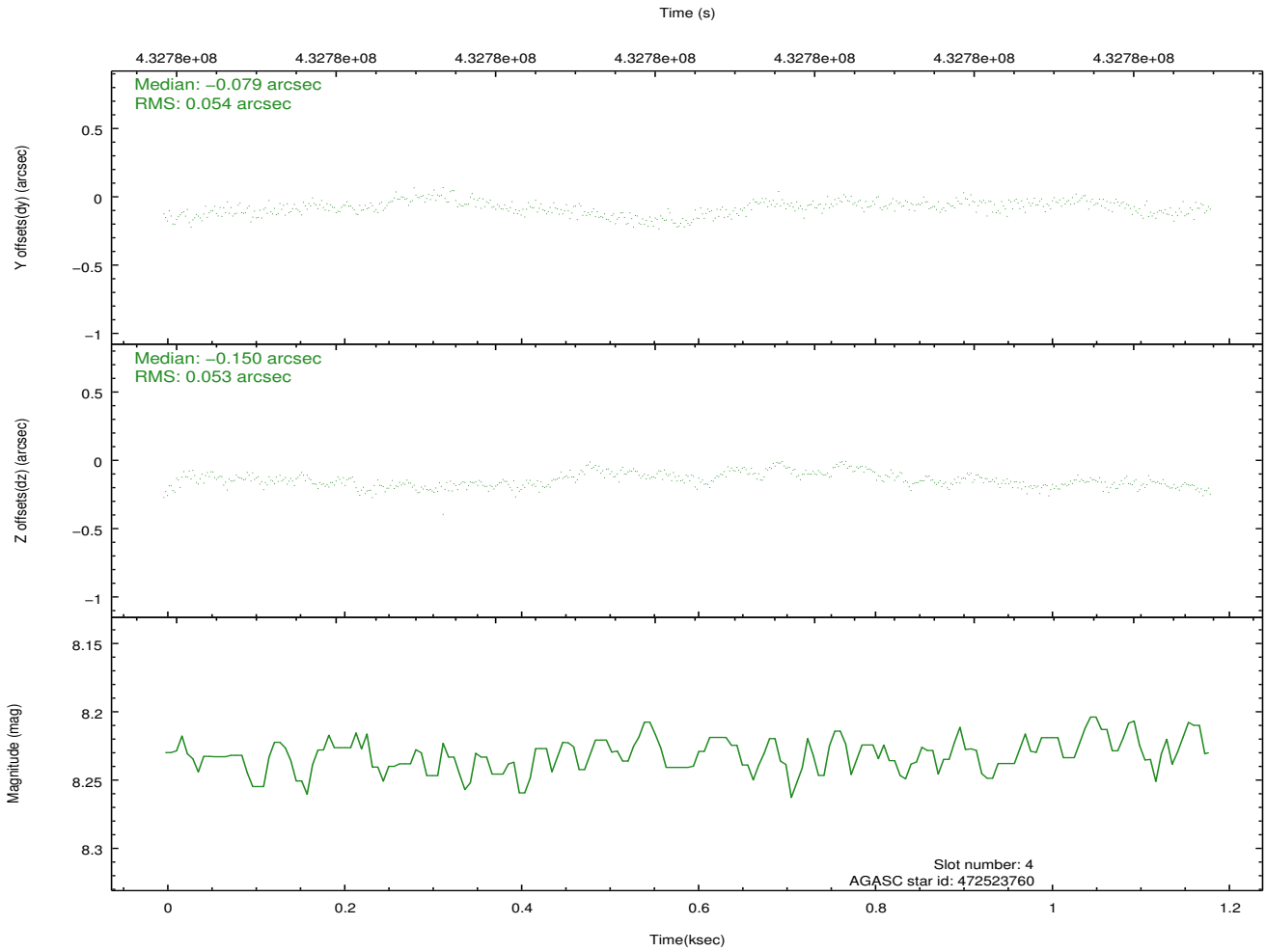
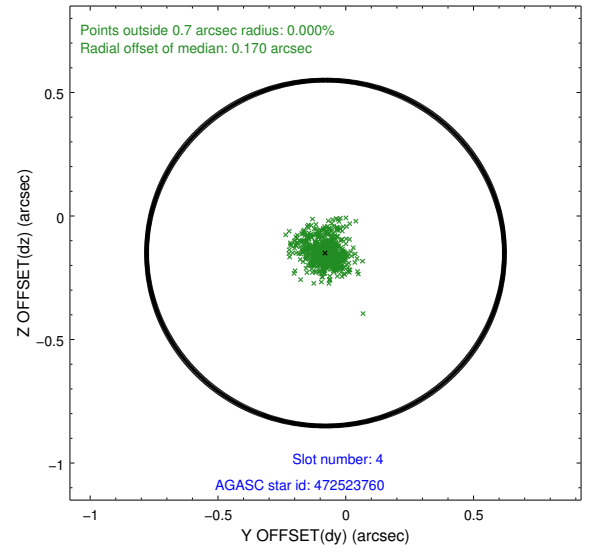
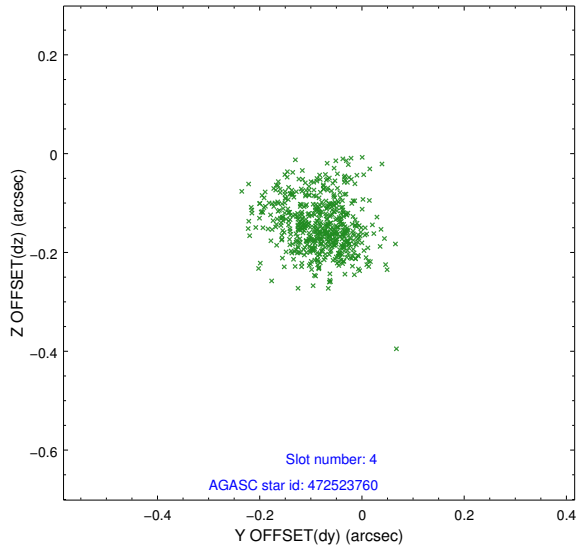
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	289	-0.018	0.039	0.014	0.050	0.000000	0.000000	-763.10	-1295.97
1	FID	HRC-I-2	6.99	289	0.207	-0.169	0.011	0.023	0.000000	0.000000	847.11	-1302.25
2	FID	HRC-I-3	7.04	289	-0.070	0.042	0.011	0.031	0.000000	0.000000	-1188.67	1004.11
3	GUIDE	420754040	9.05	577	-0.073	0.022	0.097	0.157	331.917939	44.882543	2331.76	2272.83
4	GUIDE	472523760	8.23	578	-0.079	-0.150	0.080	0.131	331.645363	45.403260	1965.55	312.80
5	GUIDE	472663080	9.39	578	0.139	0.030	0.103	0.165	332.652741	46.473840	-2172.01	-1715.19
6	GUIDE	472665256	9.01	578	0.089	-0.009	0.084	0.140	332.808125	46.195041	-2006.18	-657.26
7	GUIDE	472659832	9.44	577	-0.073	0.112	0.134	0.251	332.780399	46.098139	-1770.55	-388.83

2.4 Star Slots

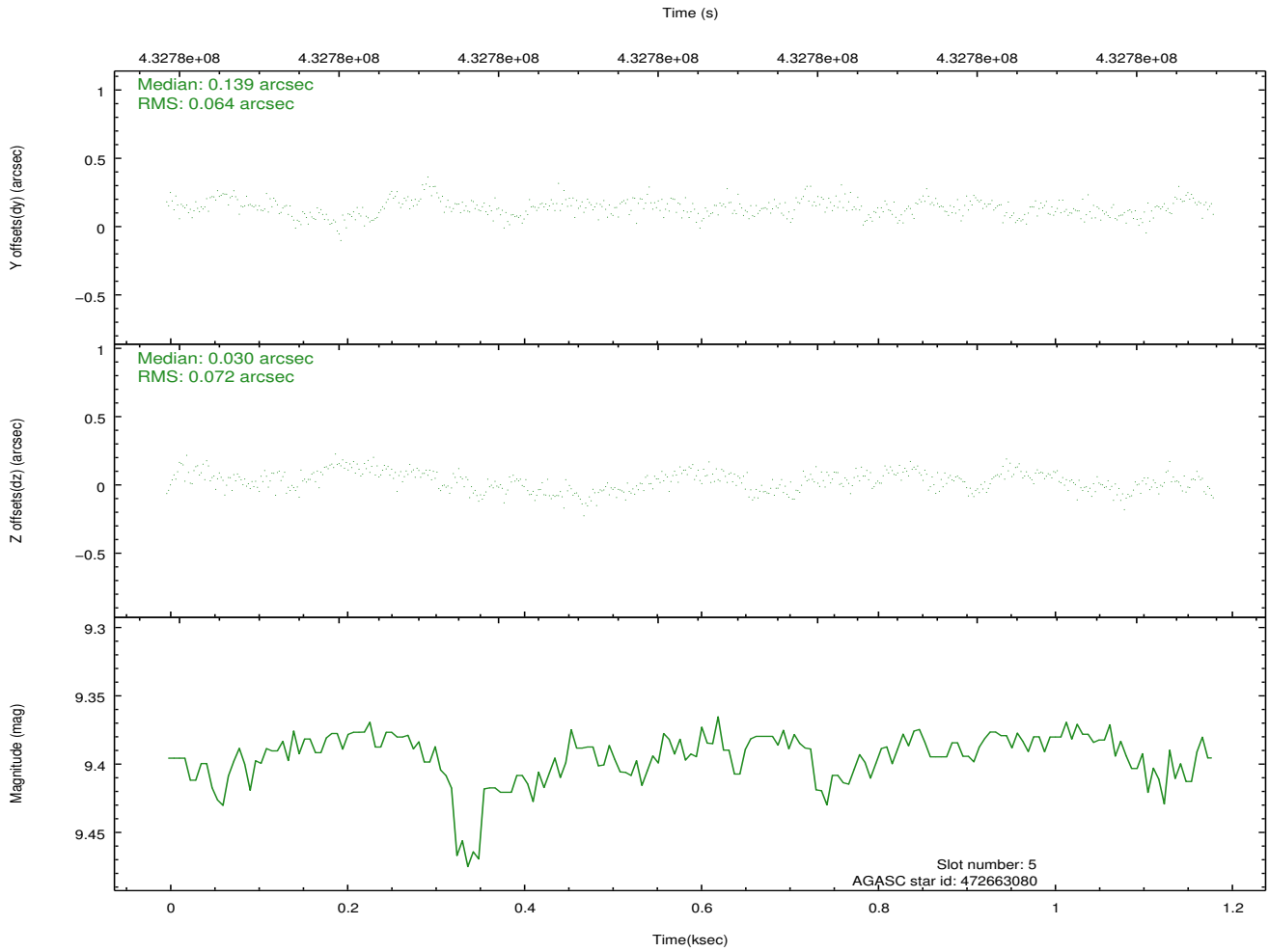
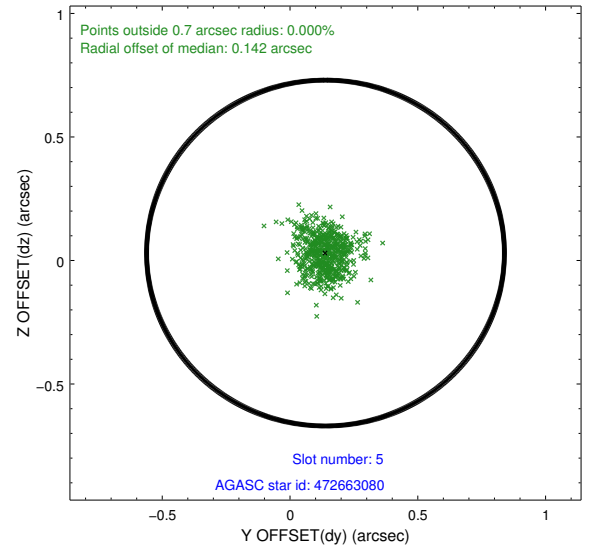
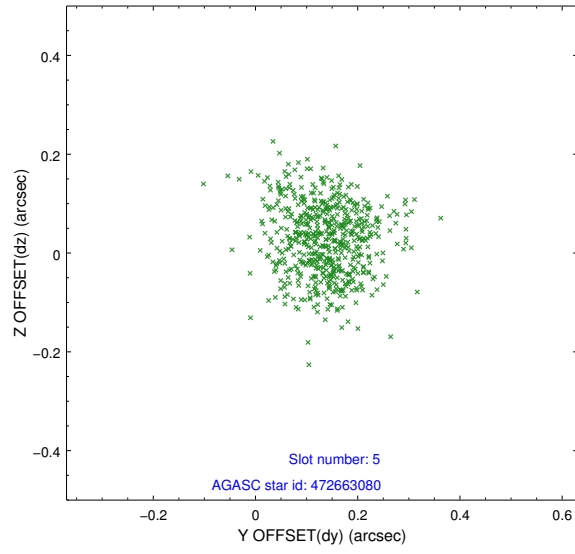
2.4.1 Slot 3



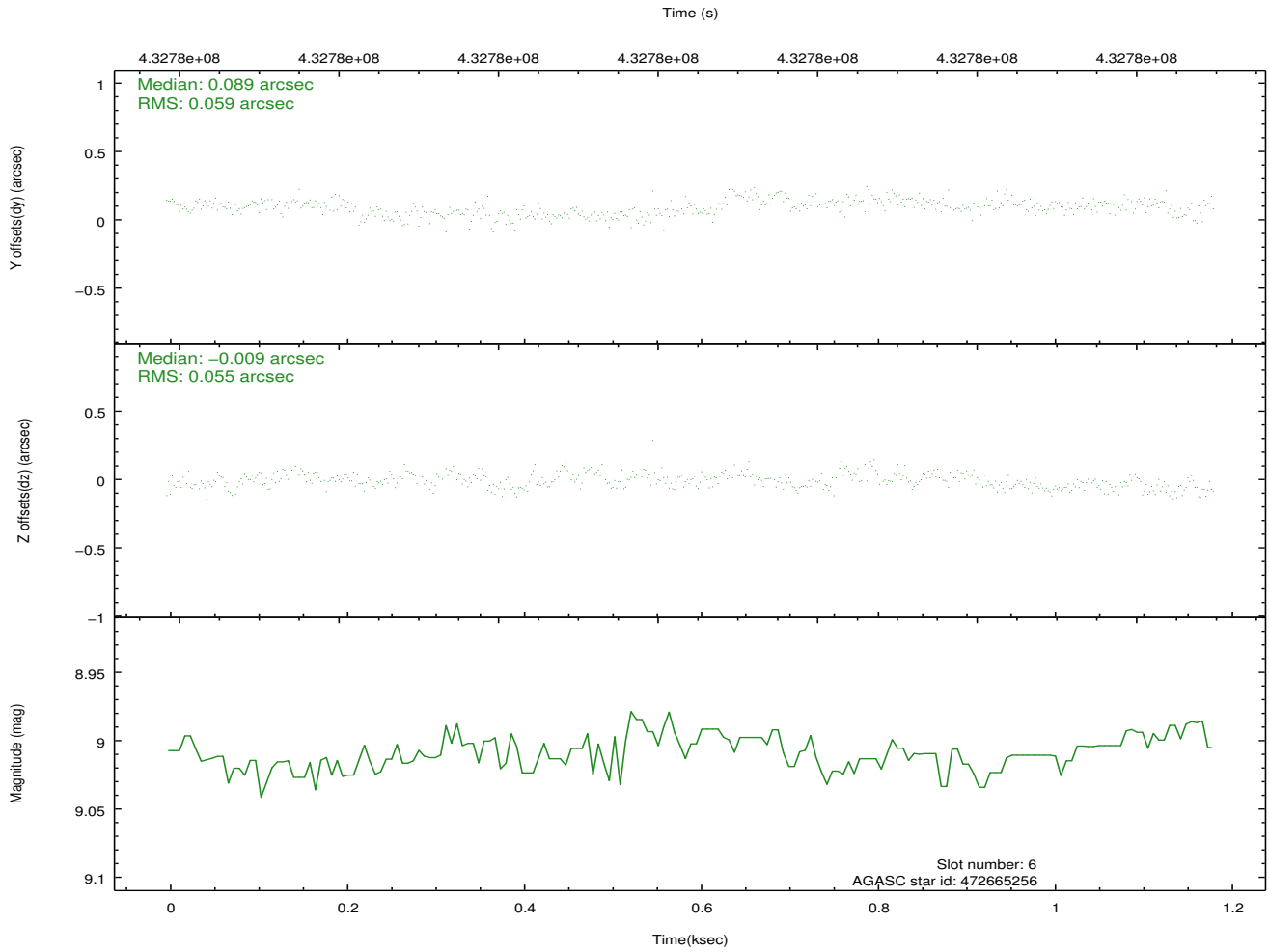
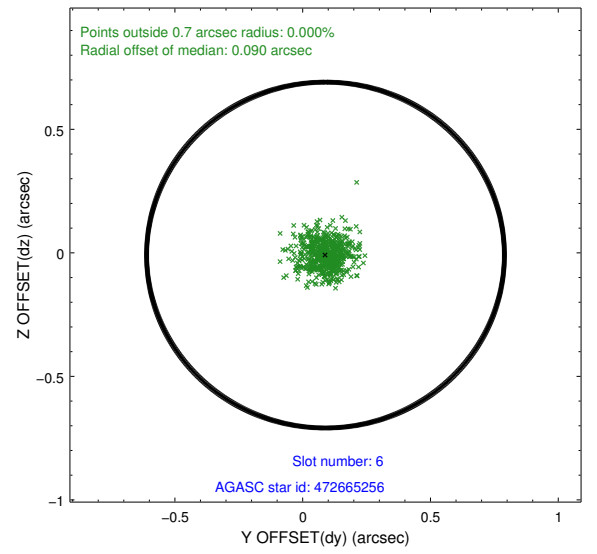
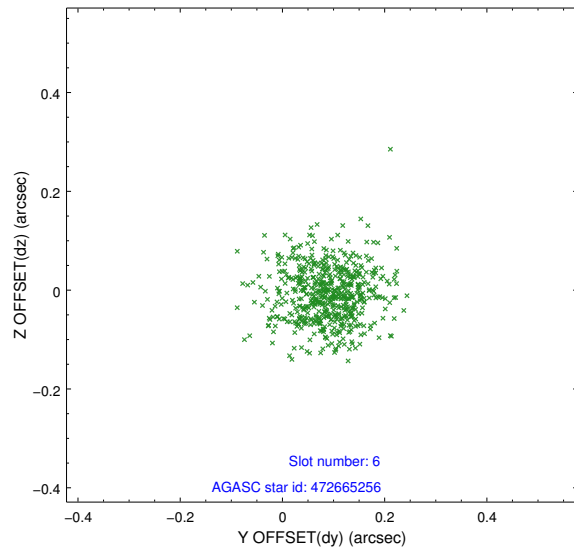
2.4.2 Slot 4



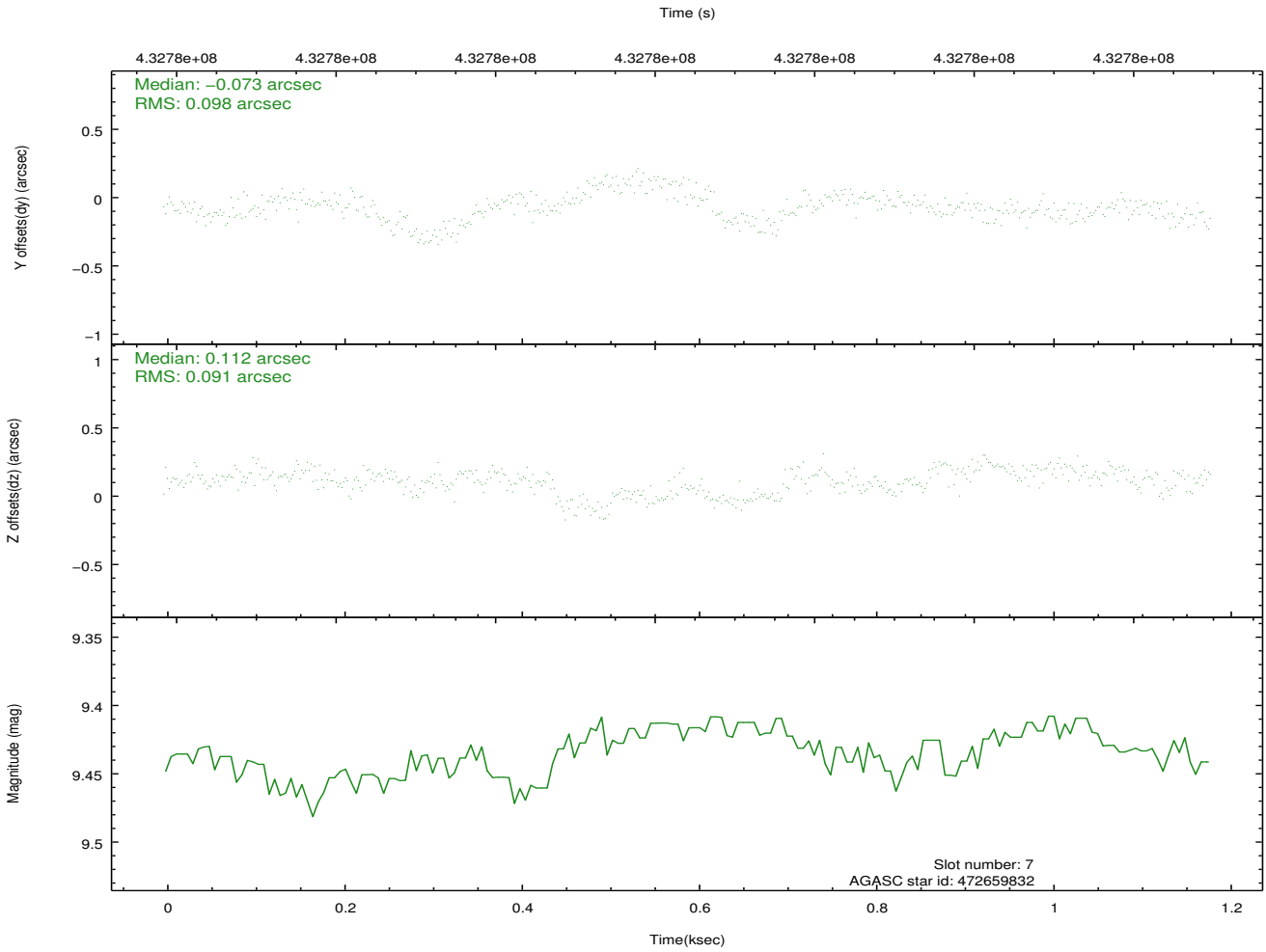
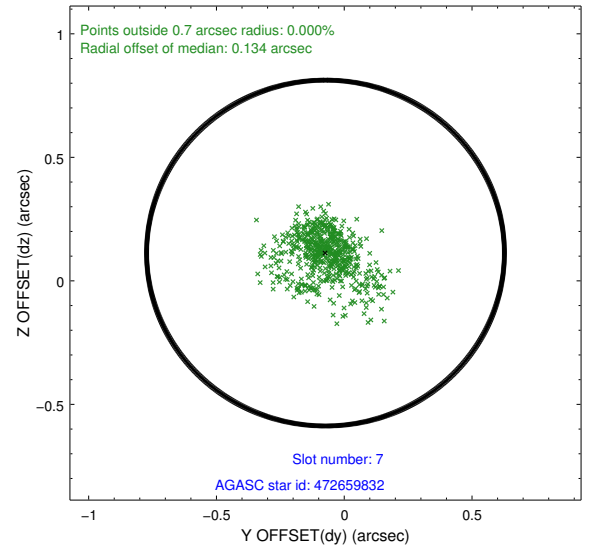
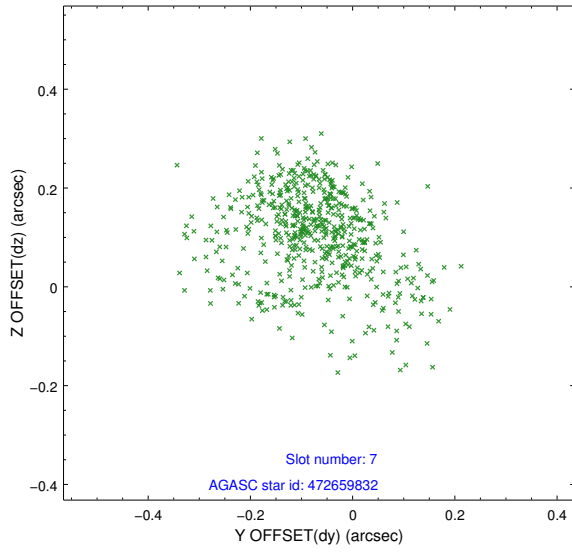
2.4.3 Slot 5



2.4.4 Slot 6

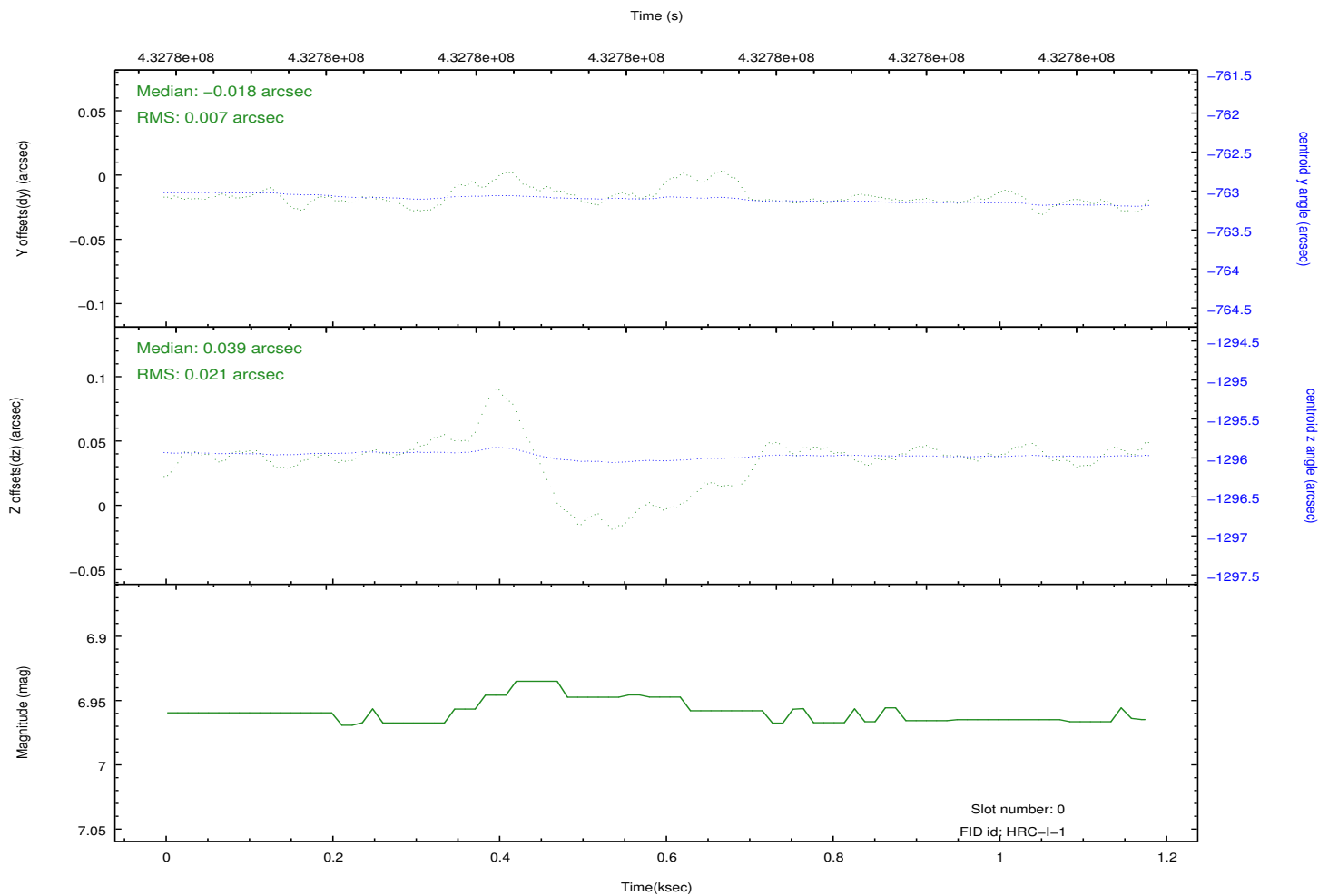
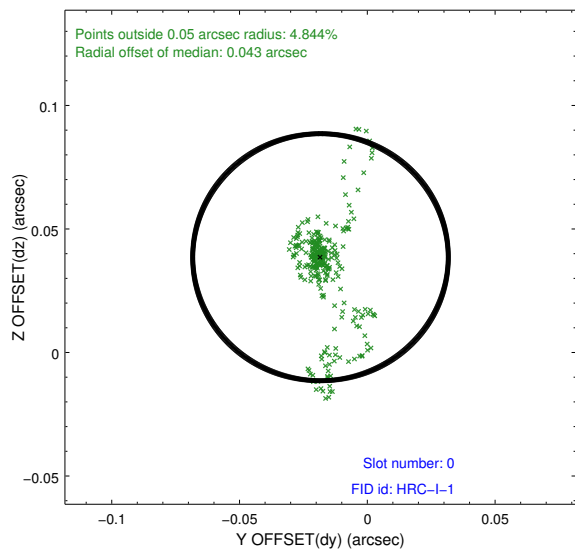
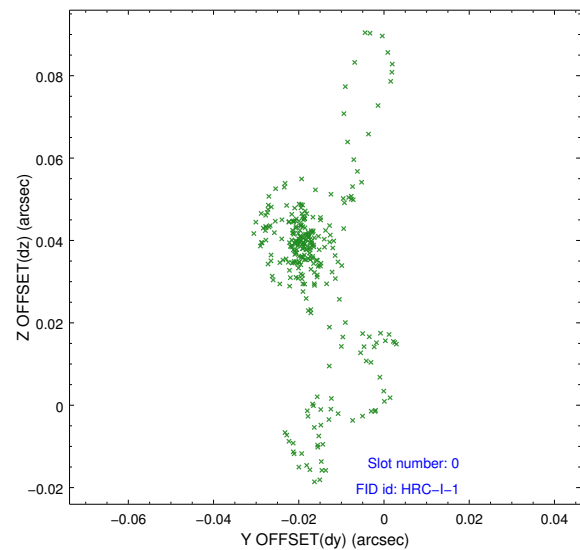


2.4.5 Slot 7

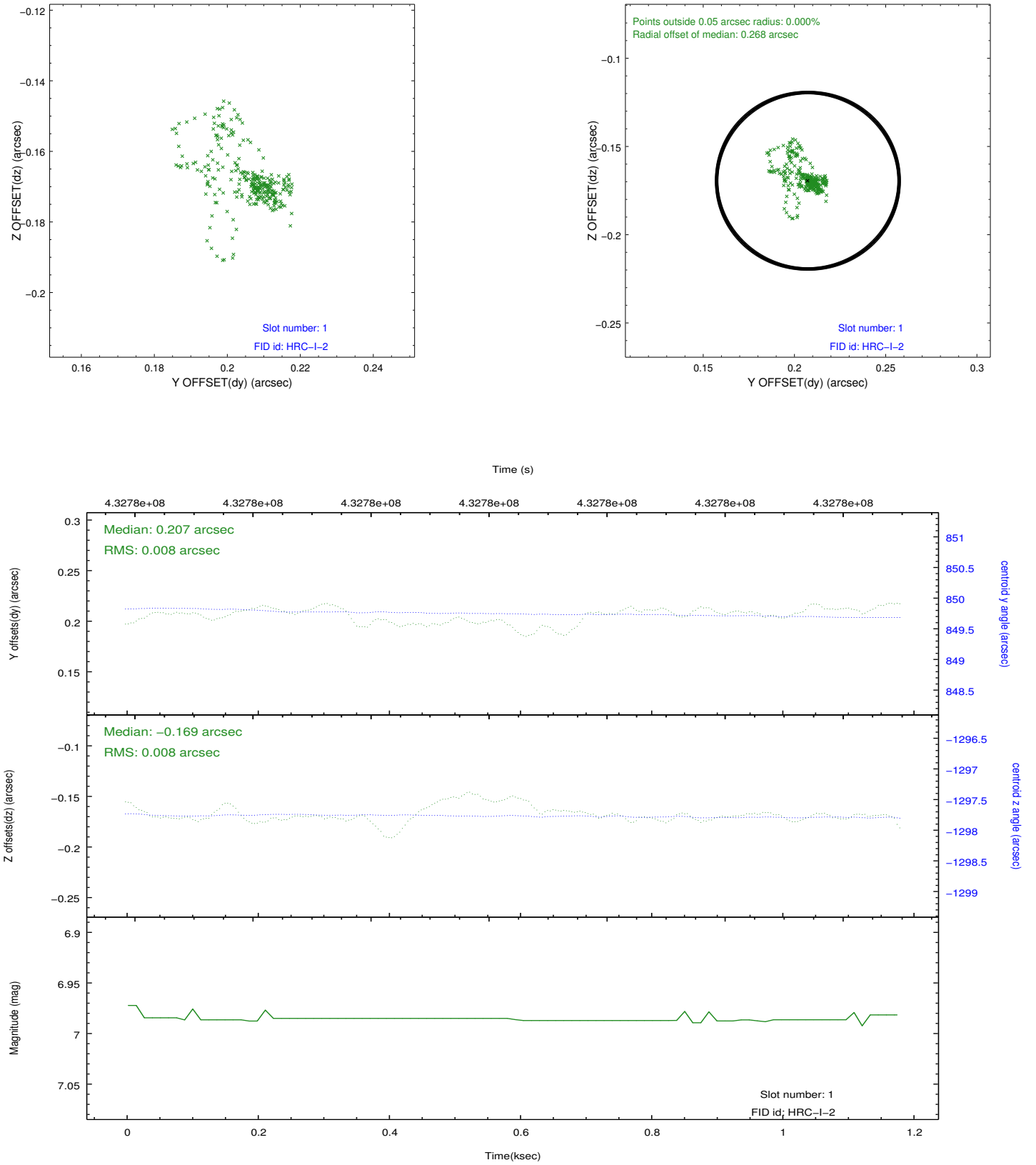


2.5 FID Slots

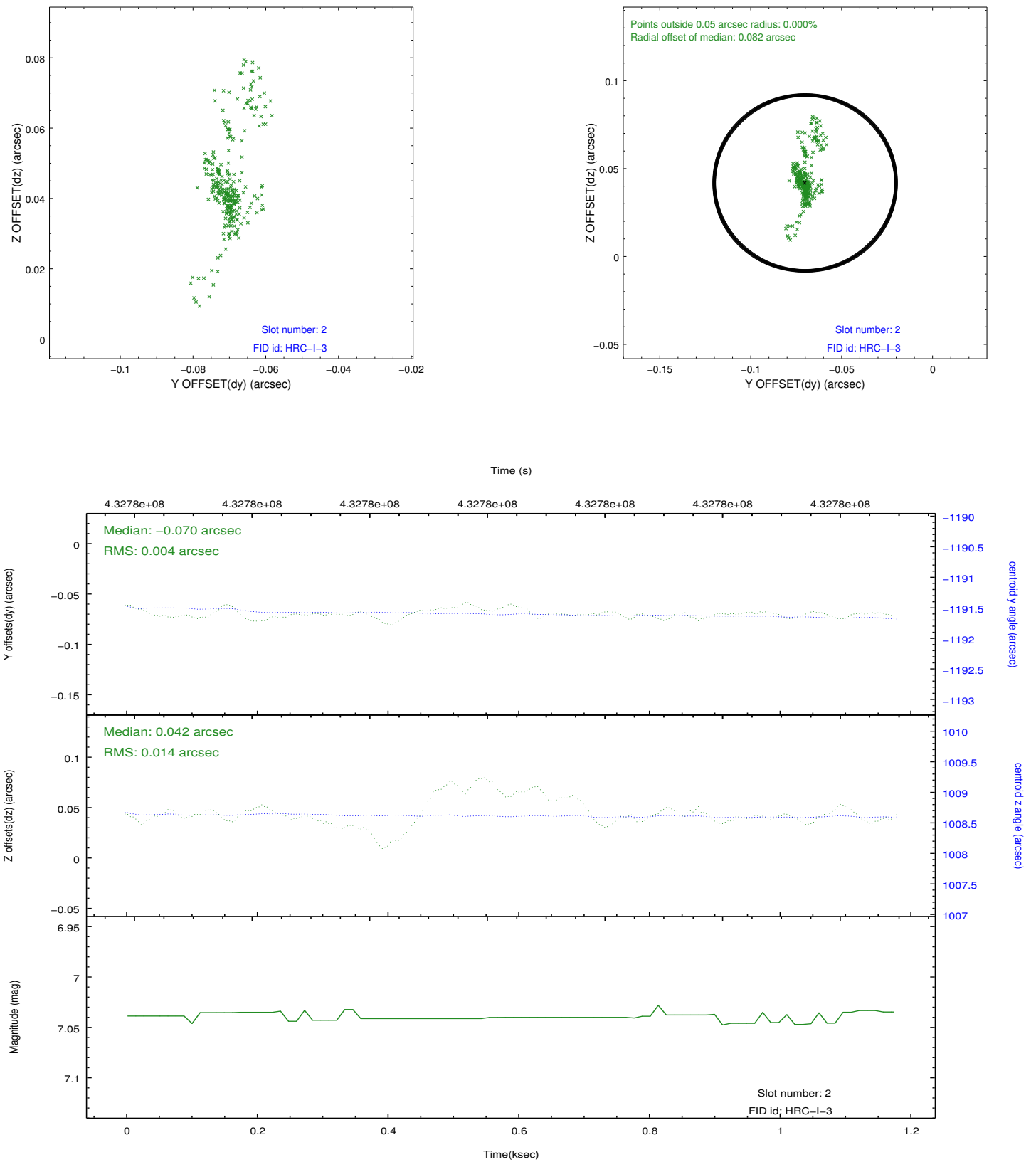
2.5.1 Slot 0



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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813120008

A.2 Comments