

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8212 - L2 Version 5
Chandra X-Ray Center

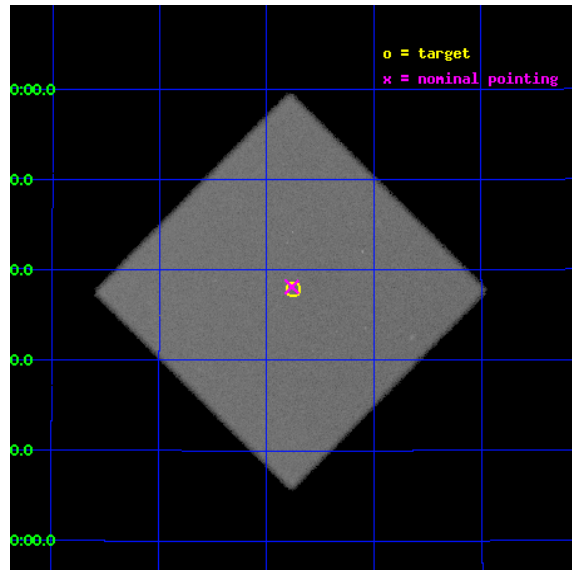
L2 Processing Date : Aug 11 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

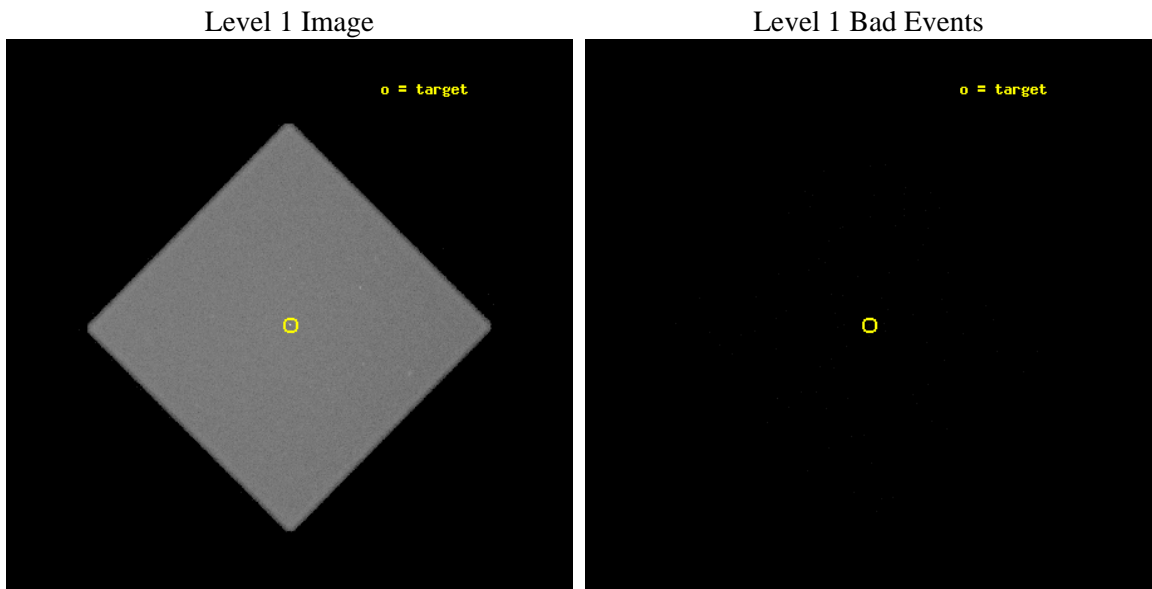
seq_num	600647	Sequence number
obs_id	8212	Observation id
title	NGC 4190-ULX1: The forgotten ULX	Proposal title
observer	Dr Timothy Roberts	Principal investigator
object	NGC 4190-ULX1	Source name
ra_targ	183.439167	Observer's specified target RA [deg]
dec_targ	36.631944	Observer's specified target Dec [deg]
ra_nom	183.44114154334	Nominal RA [deg]
dec_nom	36.635840027338	Nominal Dec [deg]
roll_nom	89.763976824686	Nominal Roll [deg]
revision	5	Processing version of data
ontime	25185.532443881	[s]
livetime	24954.885369955	Overtime multiplied by DTCOR
l2events	1295220	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	25000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	25185.532443881	[s]
caldsver	4.5.1.1	 	l1events	2012871	Number of level 1 events
date	2012-08-11T18:01:29	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

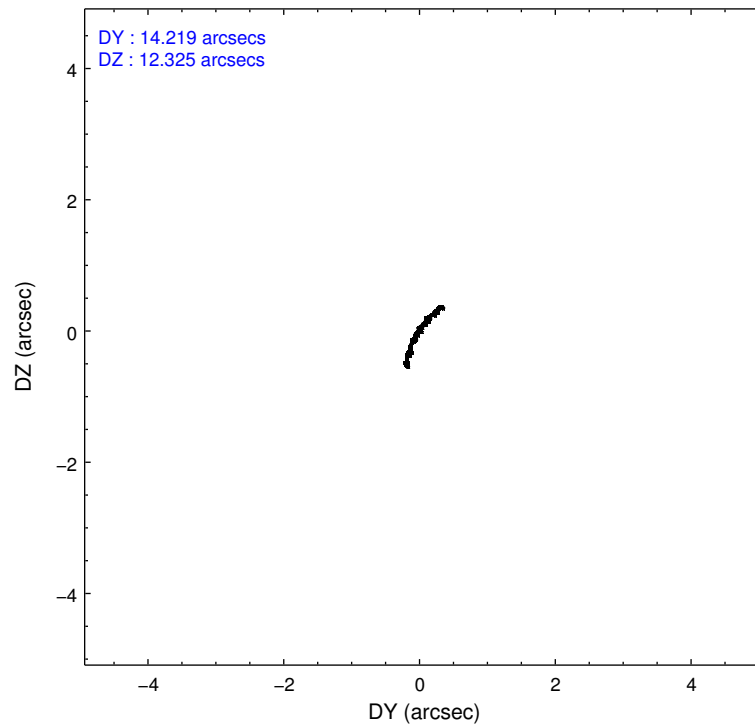
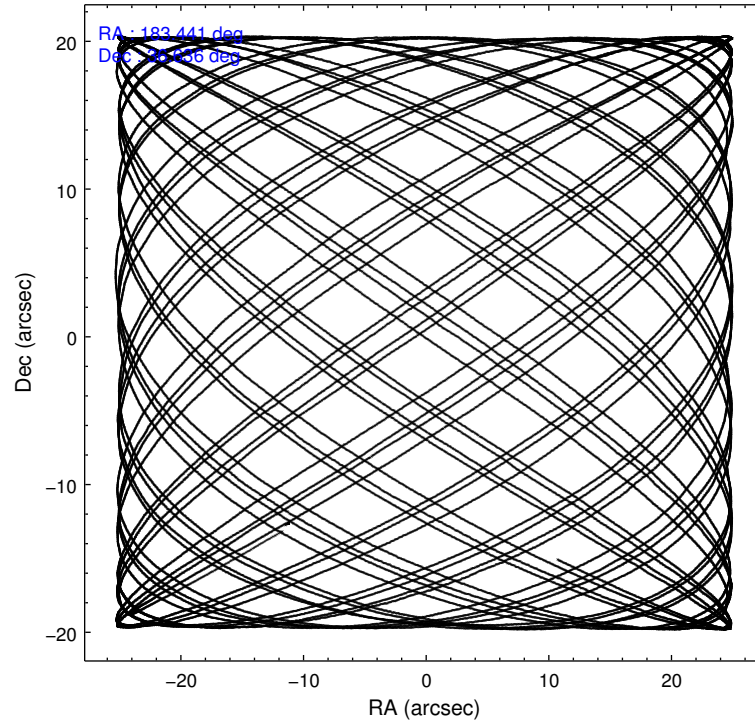
Level 1 Events

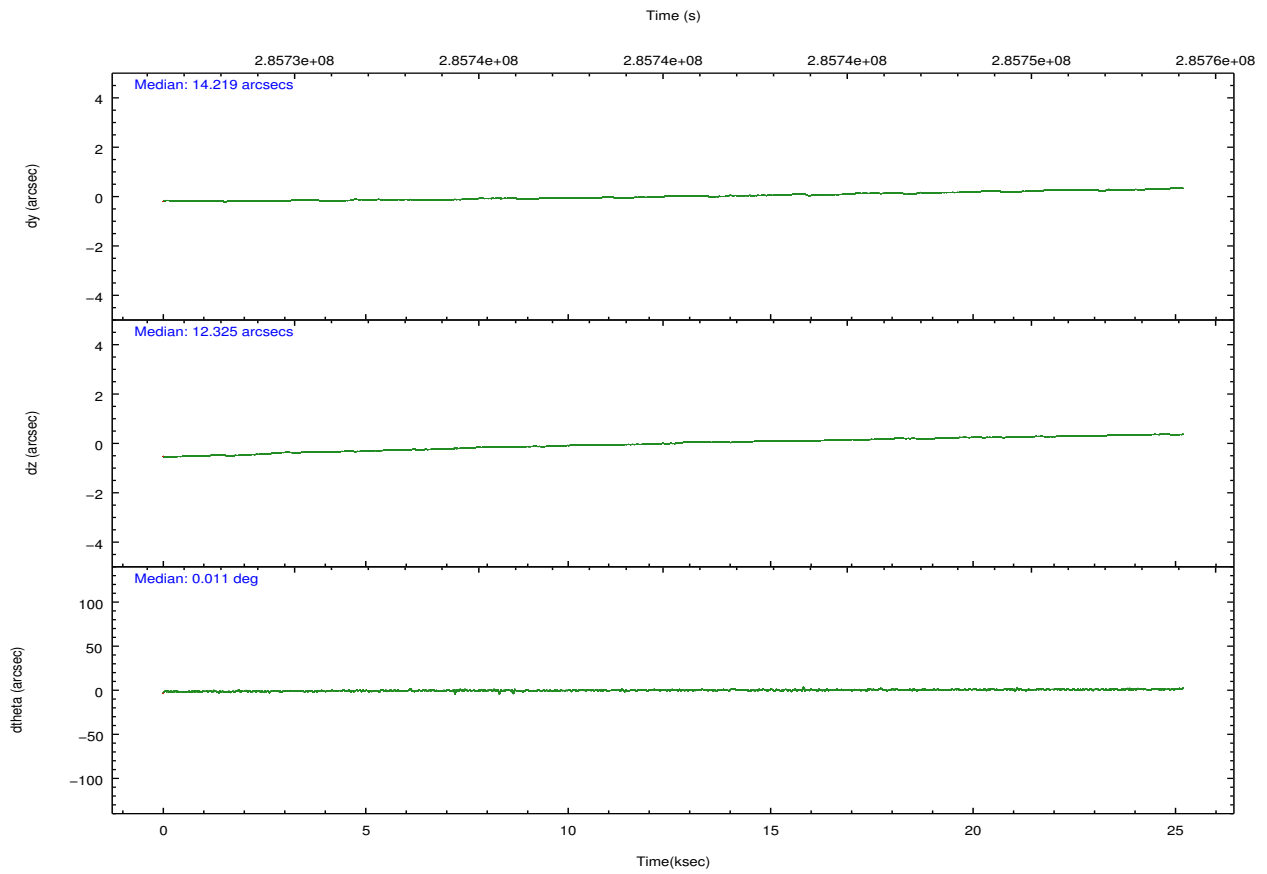
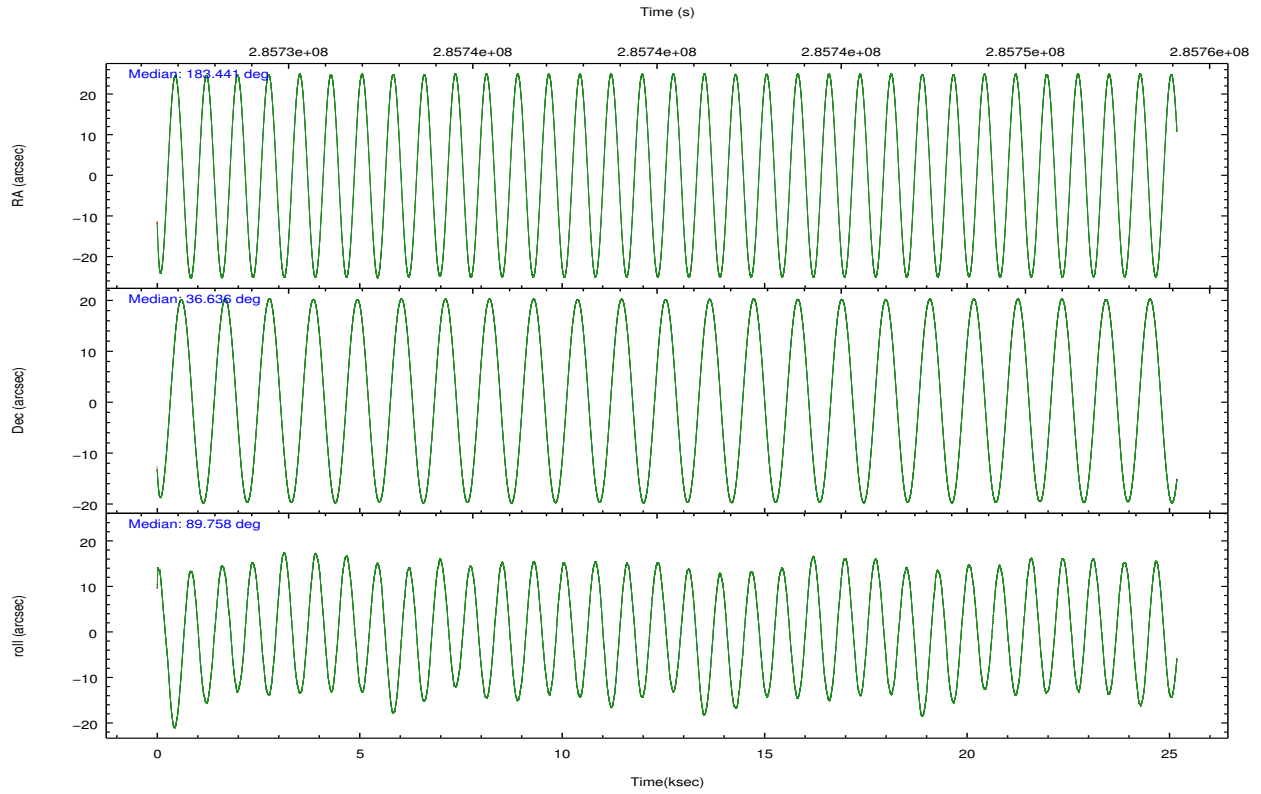
	segment 0
level 1 events	2012871
rejected events	85516
rejected %	4%

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	183.458631	183.4411415433427			
[deg] Pointing Dec	36.612572	36.63584002733815			
[deg] Pointing Roll	89.849028	89.76397682468559			
[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)	285727862.184000	285726592.03706			
Observation start date	2007-01-21T00:49:57	2007-01-21T00:29:52			
[s] Observation end time (MET)	285752862.184000	285753244.60082			
Observation end date	2007-01-21T07:46:37	2007-01-21T07:54:04			

2.3 Aspect



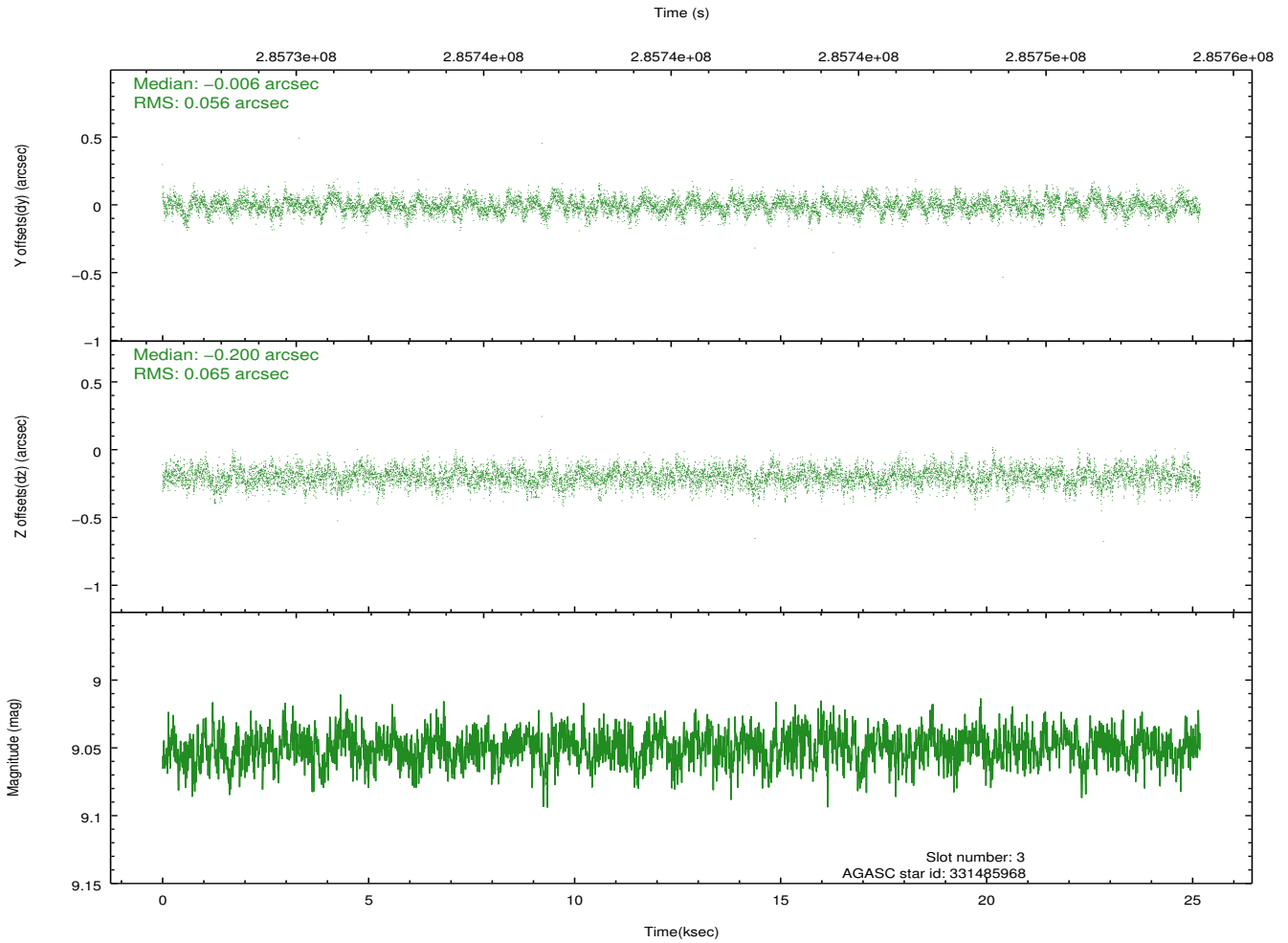
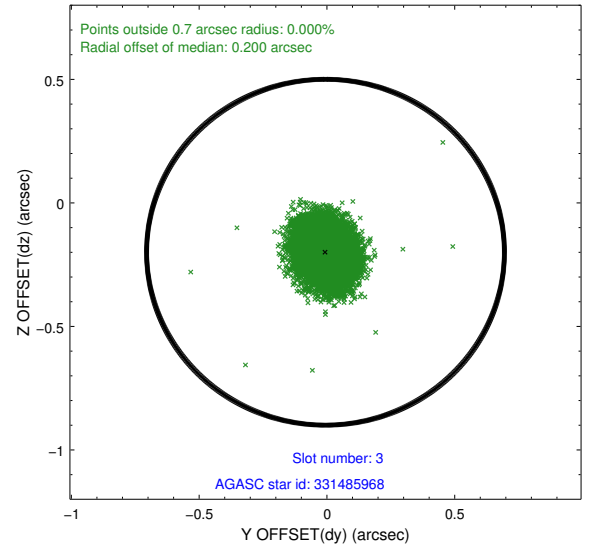
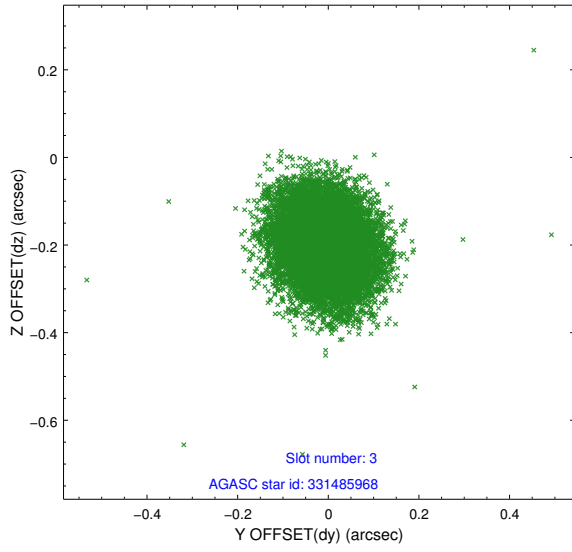


Slot Statistics

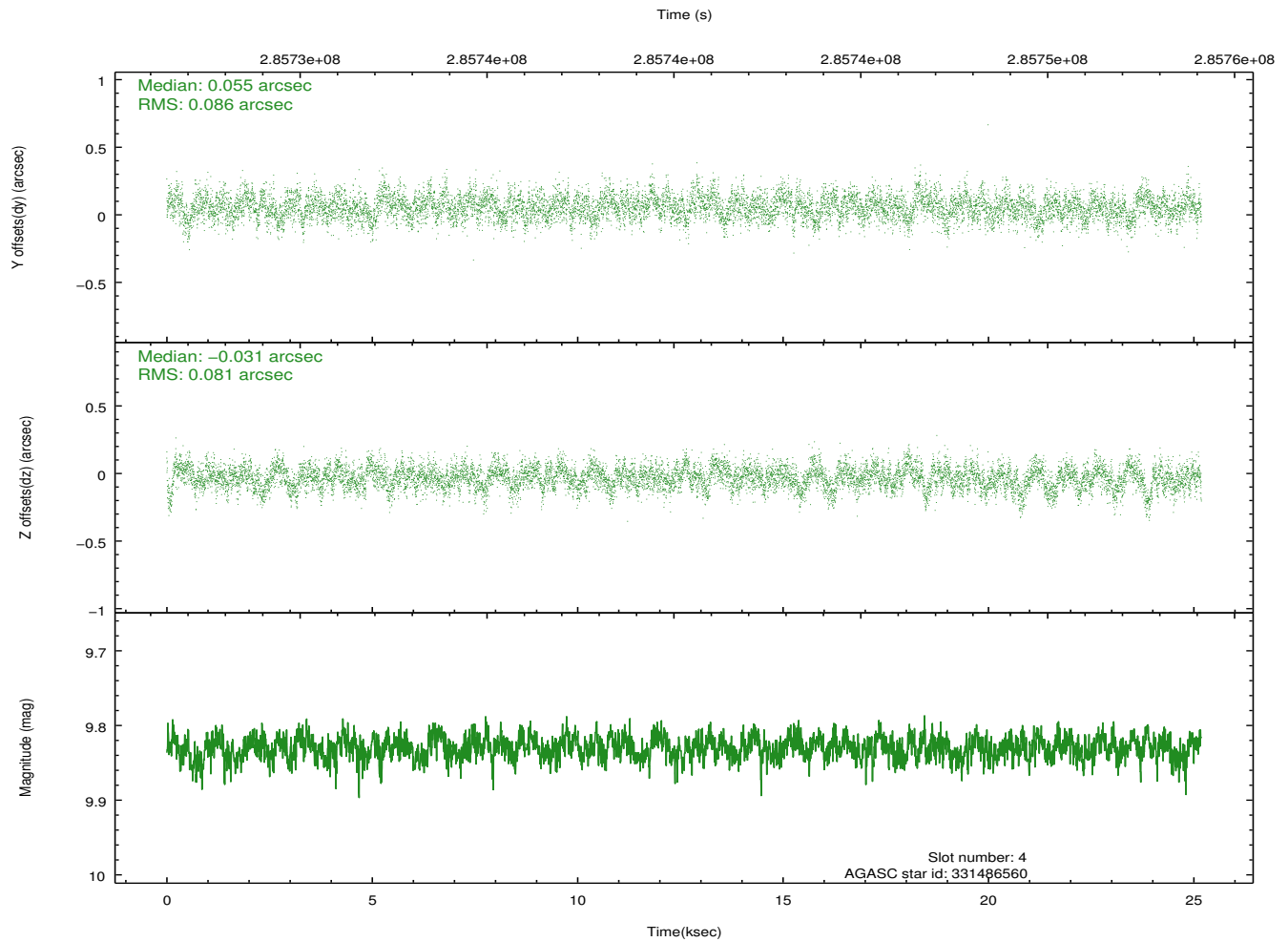
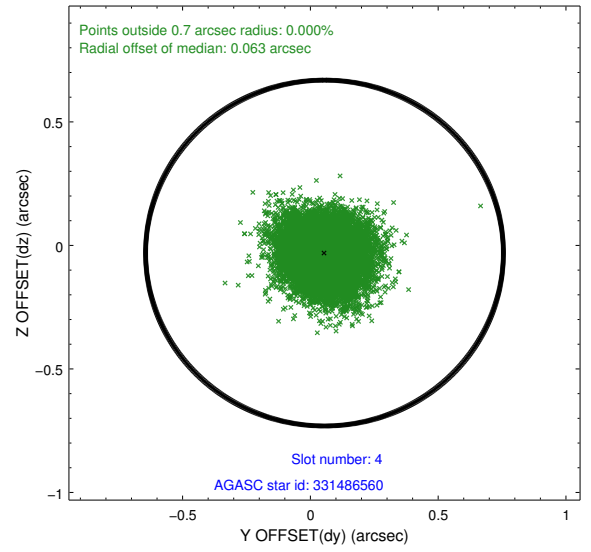
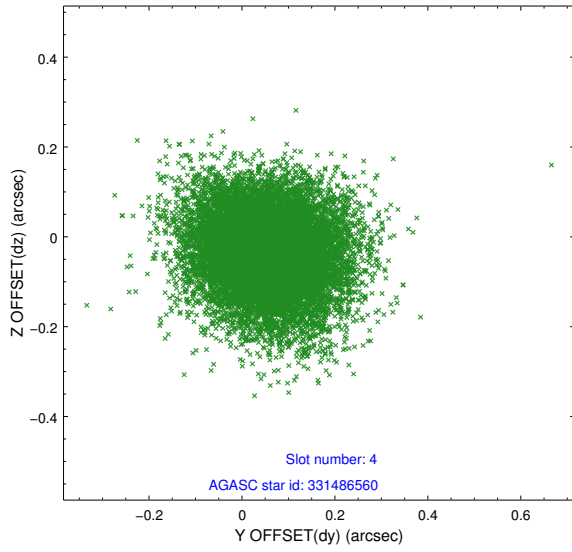
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	6143	-0.087	0.001	0.016	0.024	0.000000	0.000000	-770.17	-1300.26
1	FID	HRC-I-2	7.01	6144	0.185	-0.073	0.009	0.015	0.000000	0.000000	842.60	-1302.19
2	FID	HRC-I-4	7.00	6143	0.016	-0.018	0.014	0.023	0.000000	0.000000	1272.97	1001.58
3	GUIDE	331485968	9.05	12270	-0.006	-0.200	0.090	0.148	183.439805	36.736932	447.74	55.31
4	GUIDE	331486560	9.83	12256	0.055	-0.031	0.125	0.204	182.702998	37.144896	1919.50	2173.83
5	GUIDE	331488032	8.79	12273	0.098	0.008	0.081	0.130	183.136084	36.256011	-1284.01	933.21
6	GUIDE	331492352	9.99	12256	-0.059	0.236	0.180	0.293	183.842690	37.023047	1483.12	-1099.35
7	GUIDE	331487824	9.10	12216	-0.089	-0.011	0.098	0.159	183.054951	36.985101	1340.86	1164.57

2.4 Star Slots

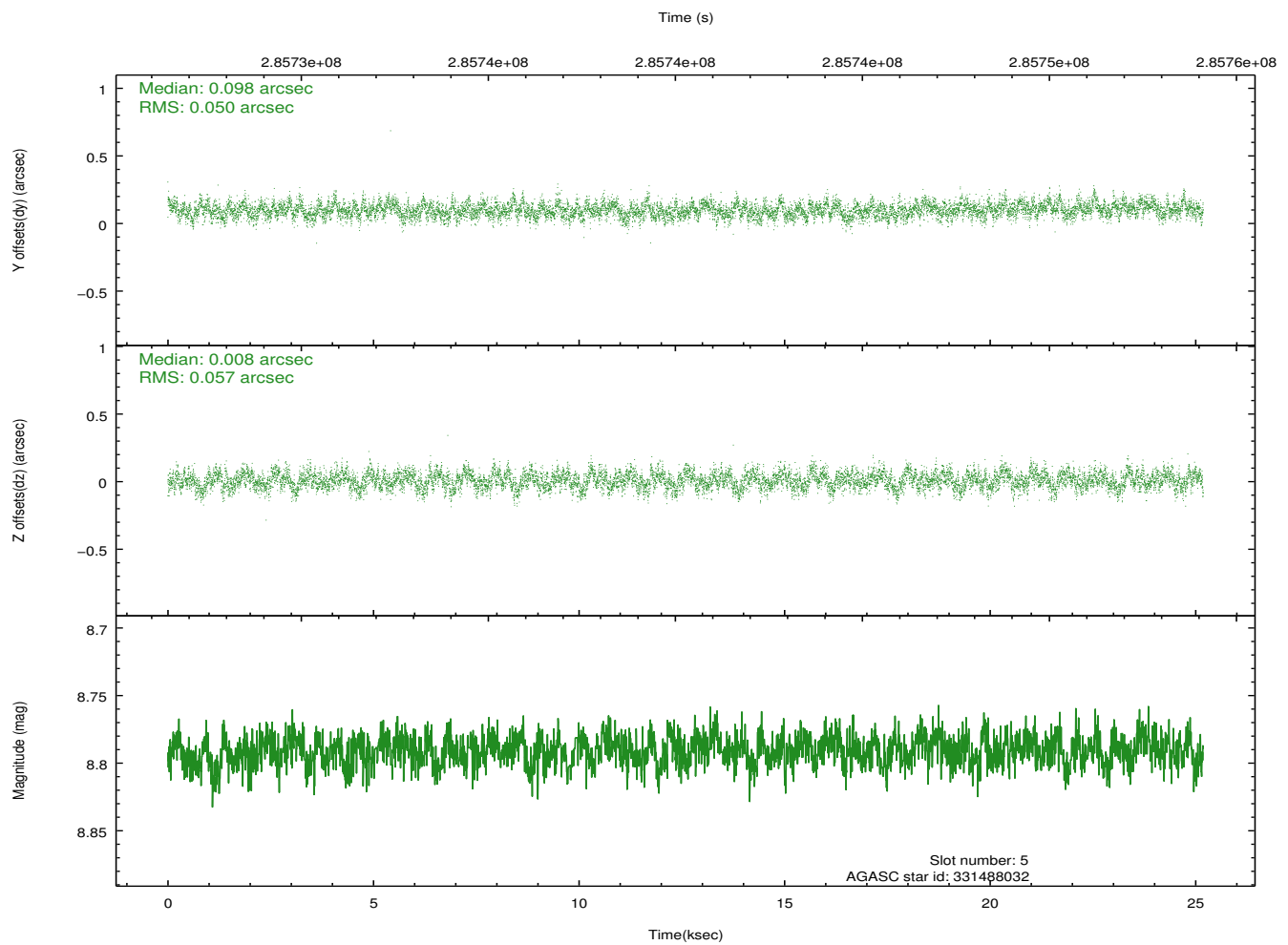
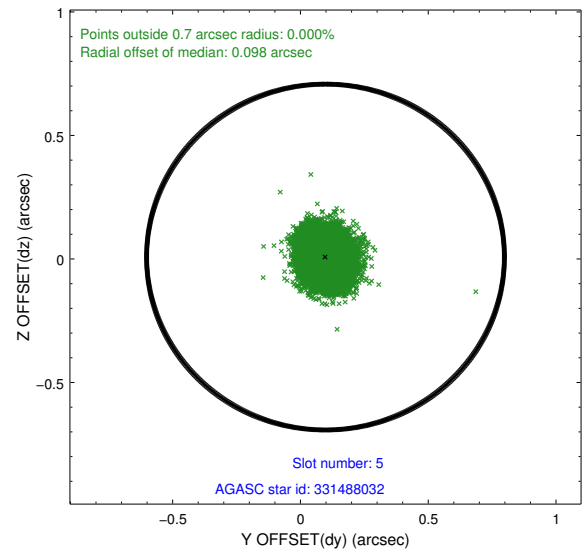
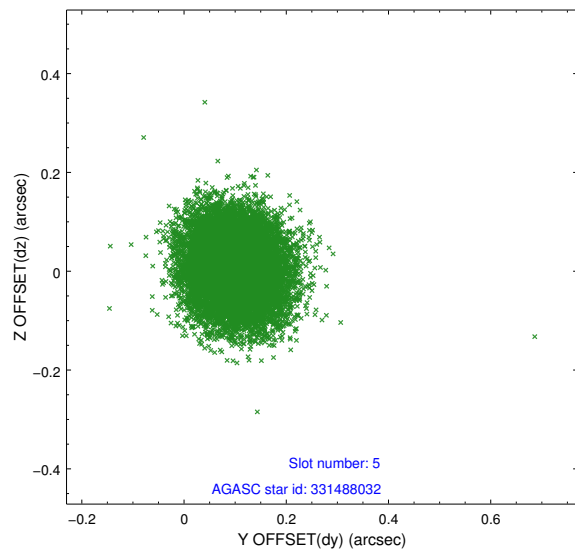
2.4.1 Slot 3



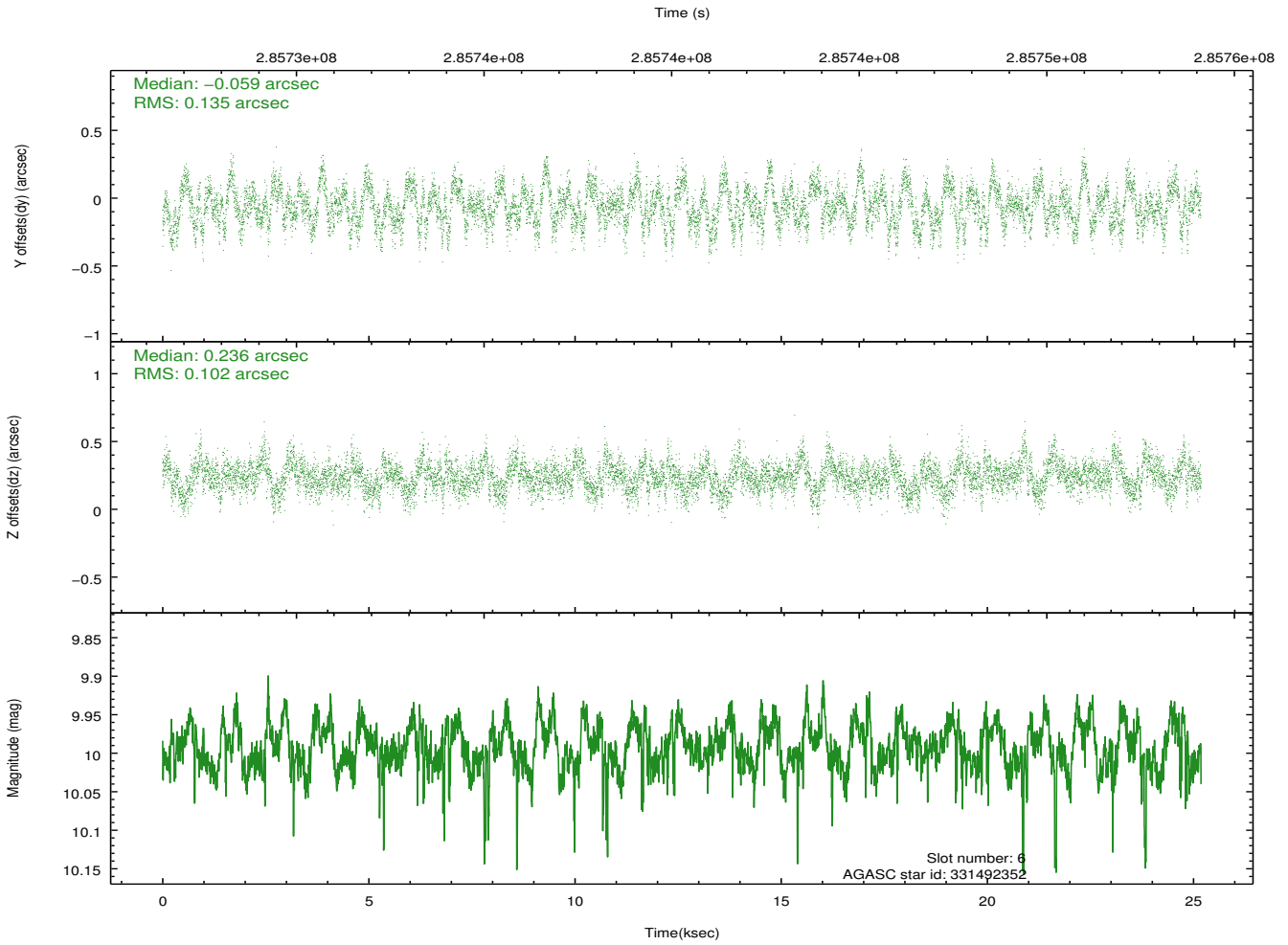
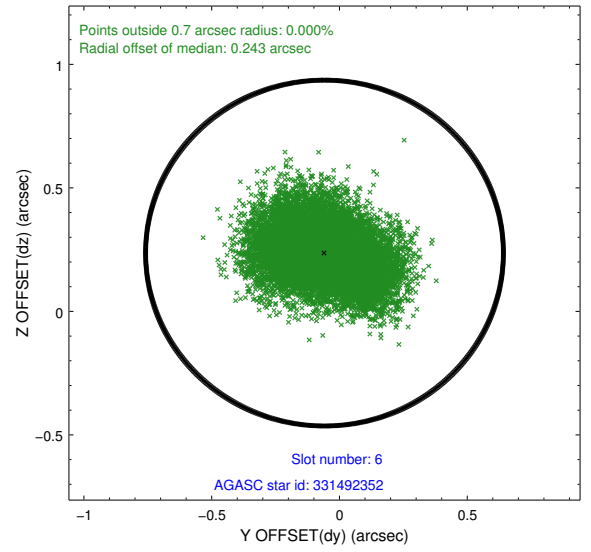
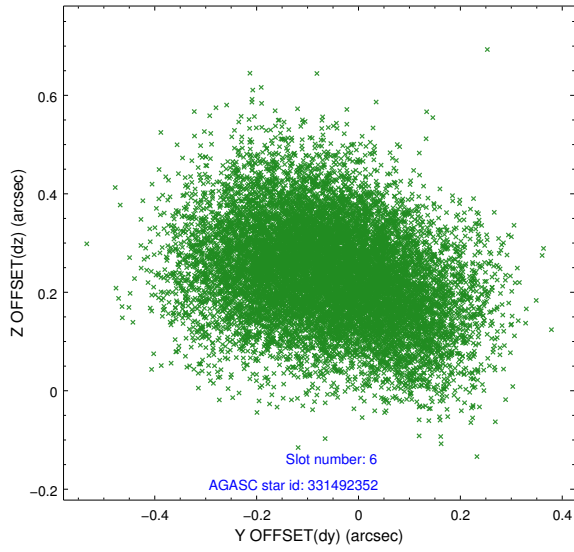
2.4.2 Slot 4



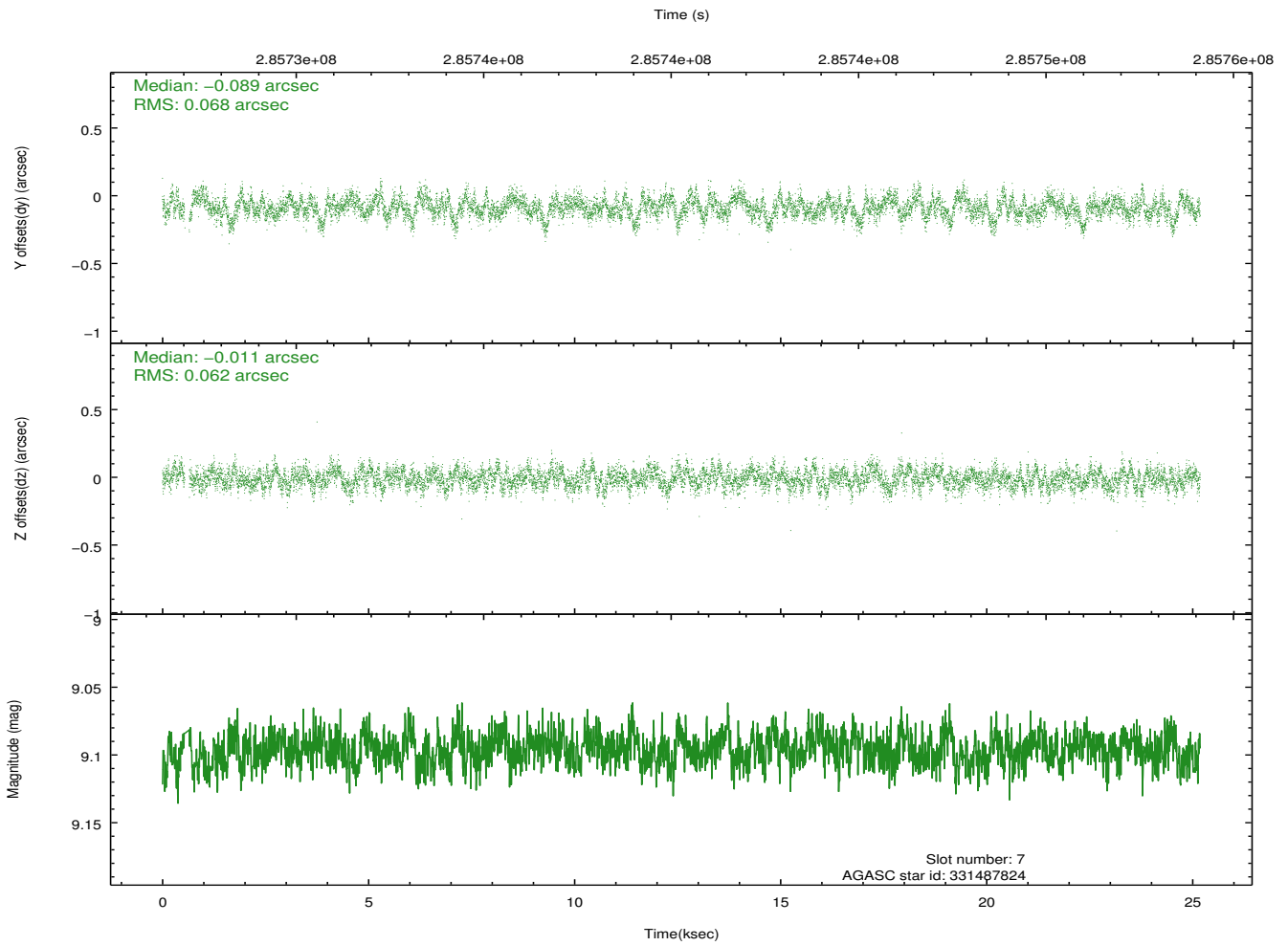
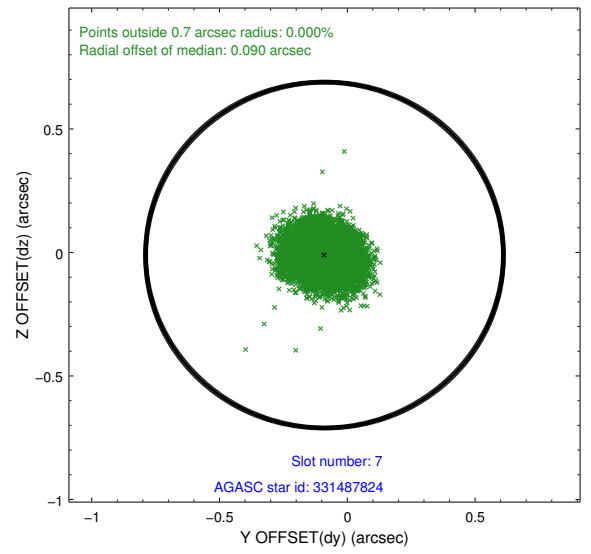
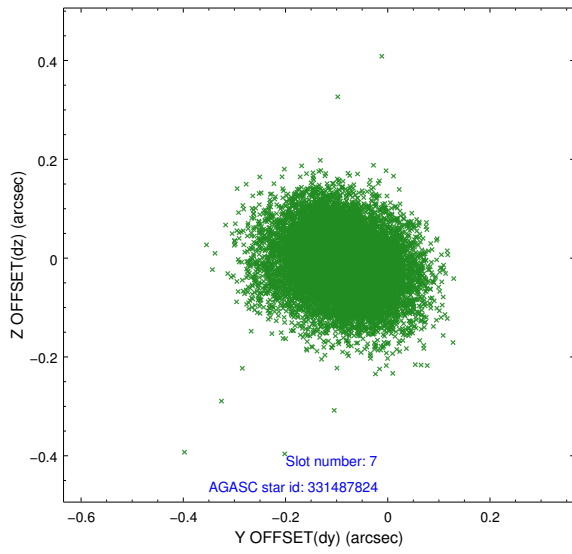
2.4.3 Slot 5



2.4.4 Slot 6

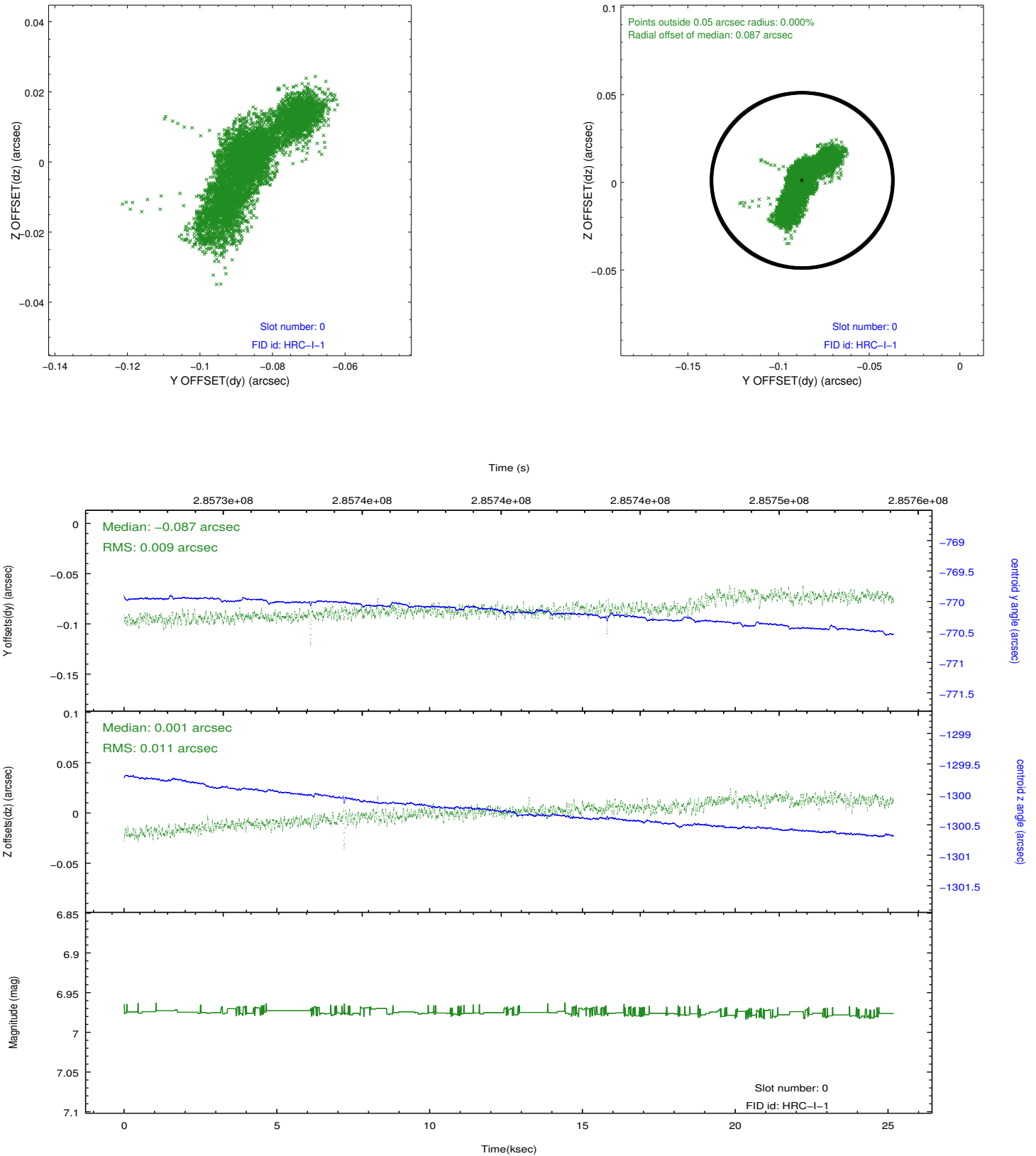


2.4.5 Slot 7

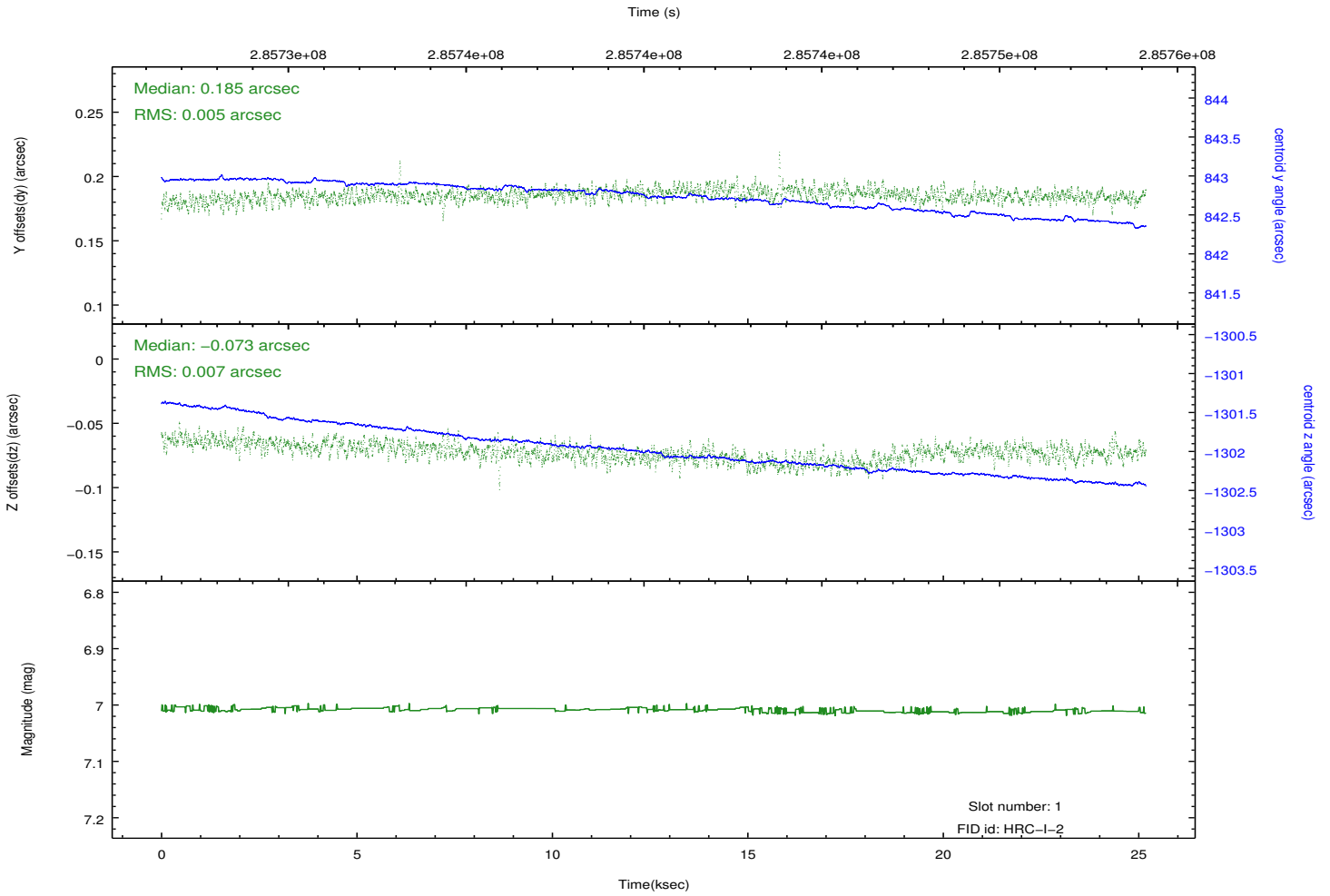
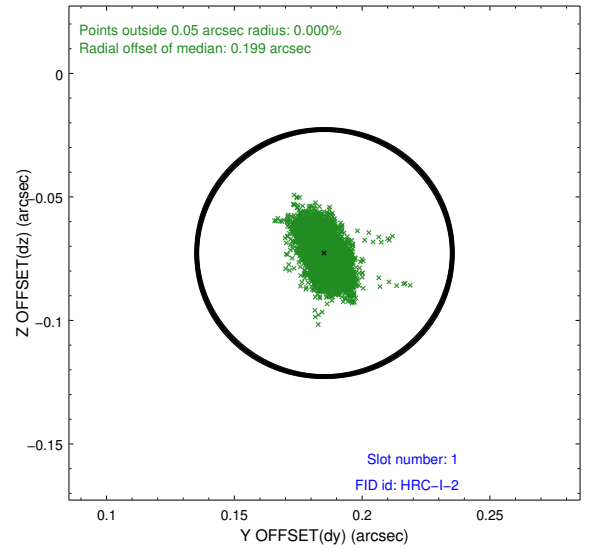
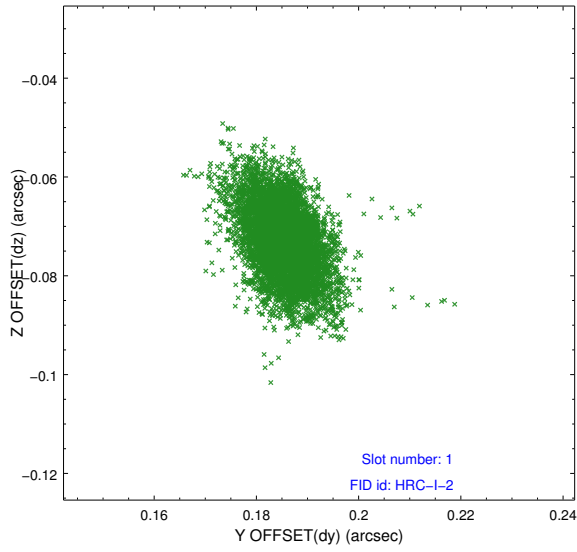


2.5 FID Slots

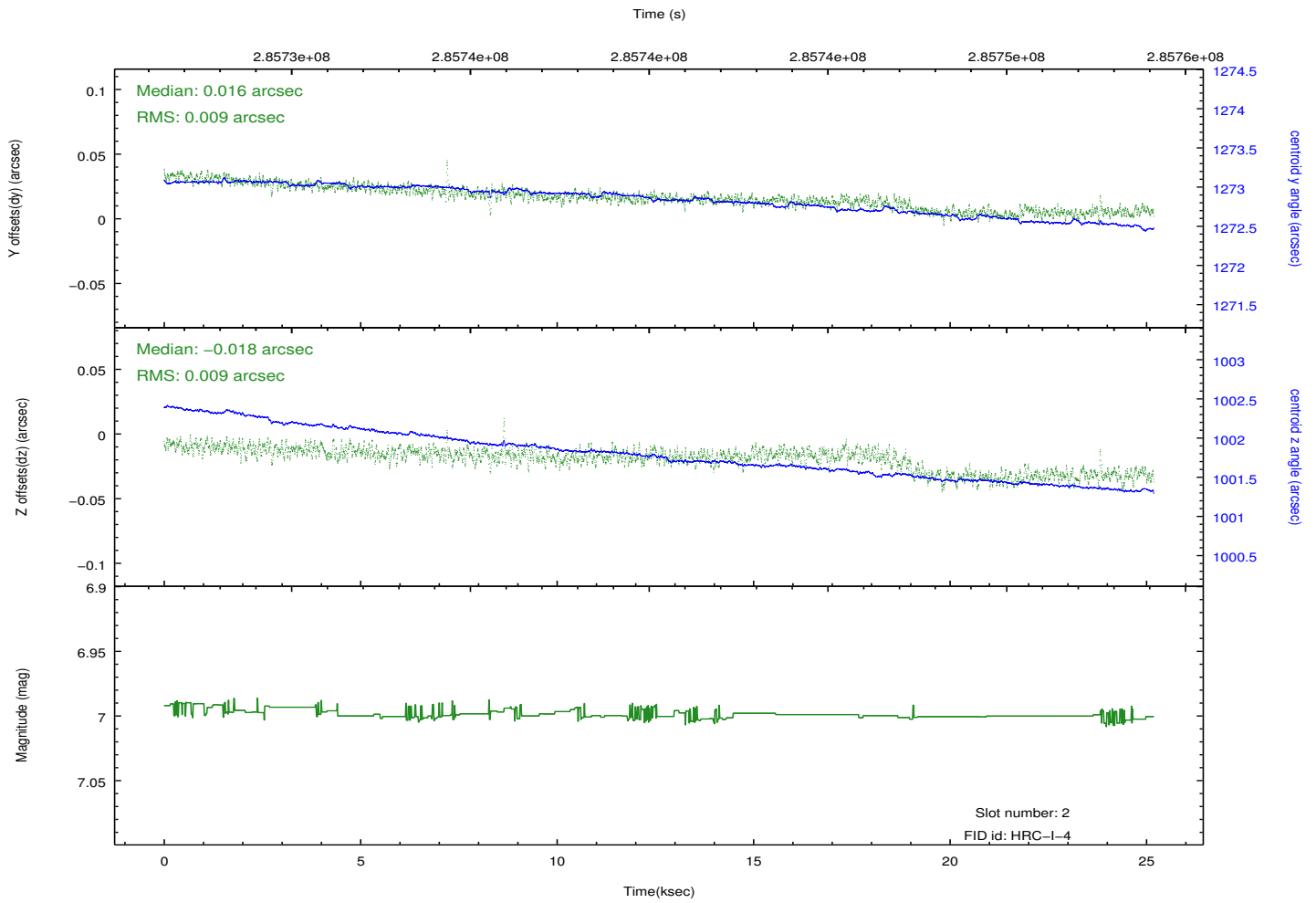
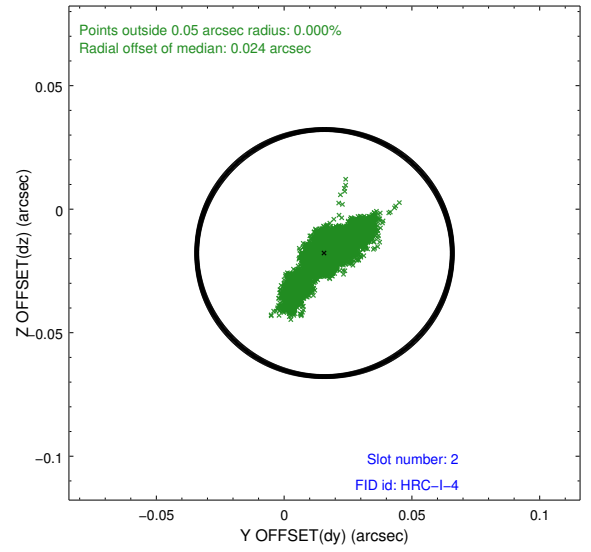
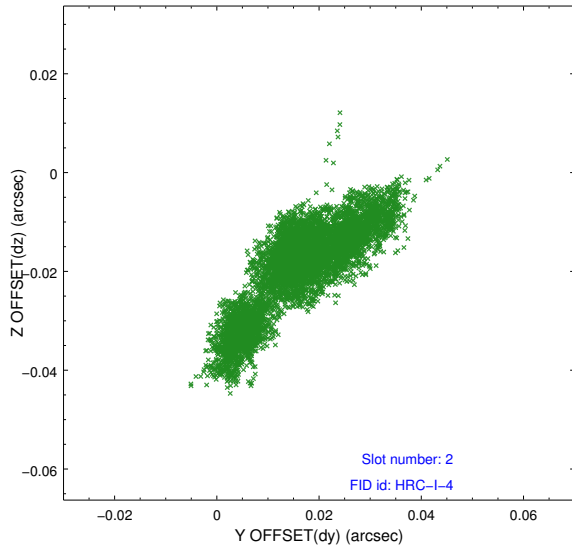
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.1855324

A.2 Comments

Joint proposal with HST.