

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13229 - L2 Version 3
Chandra X-Ray Center

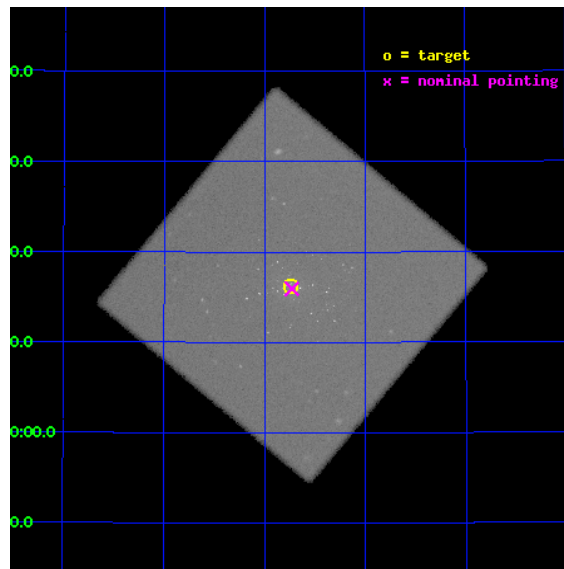
L2 Processing Date : Jul 28 2012

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1 Front

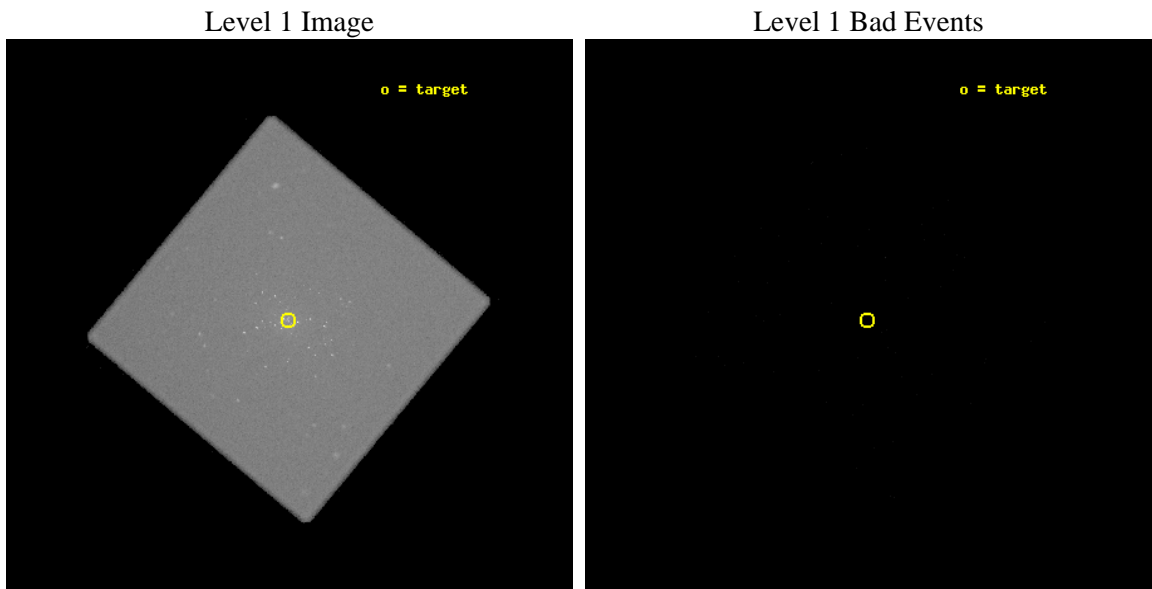
seq_num	300294	Sequence number
obs_id	13229	Observation id
title	Resolving short supersoft source states of optical novae in the core of M31	Proposal title
observer	Dr. Wolfgang Pietsch	Principal investigator
object	M31	Source name
ra_targ	10.684583	Observer's specified target RA [deg]
dec_targ	41.269278	Observer's specified target Dec [deg]
ra_nom	10.682133423025	Nominal RA [deg]
dec_nom	41.265520688179	Nominal Dec [deg]
roll_nom	264.97516995233	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19775.582292438	[s]
livetime	19567.453158772	Ontime multiplied by DTCOR
l2events	1526885	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	19589.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	19775.582292438	[s]
caldbver	4.5.1	 	l1events	2131731	Number of level 1 events
date	2012-07-28T06:36:13	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

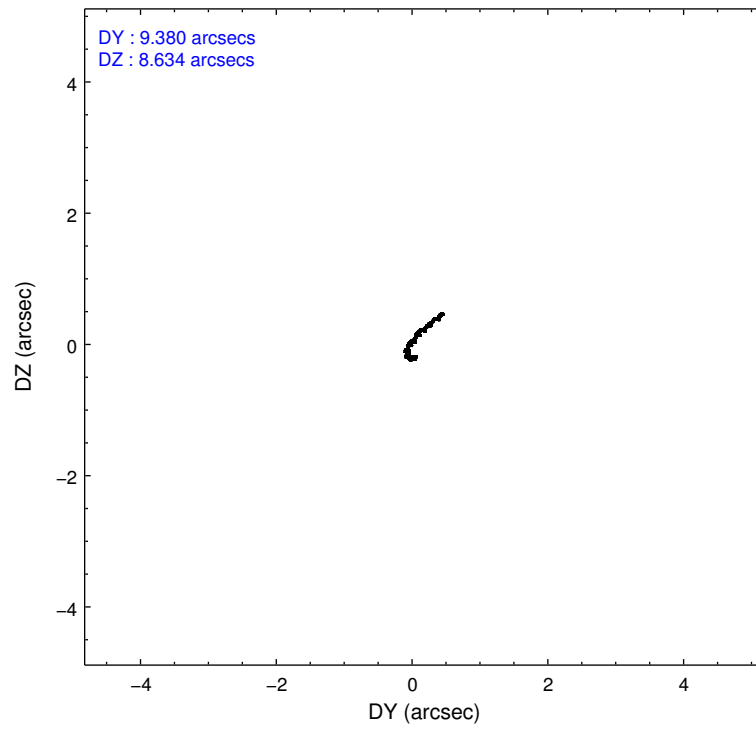
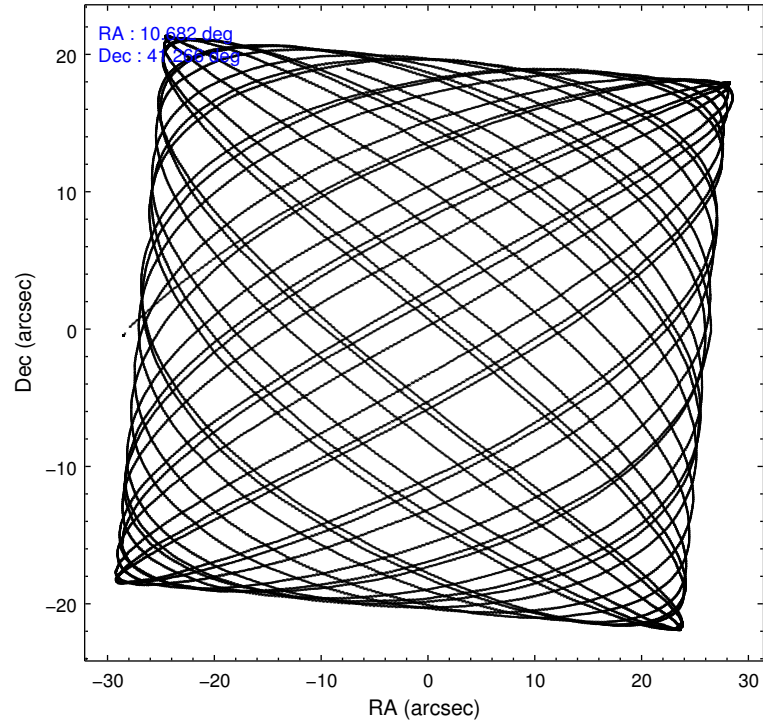
Level 1 Events

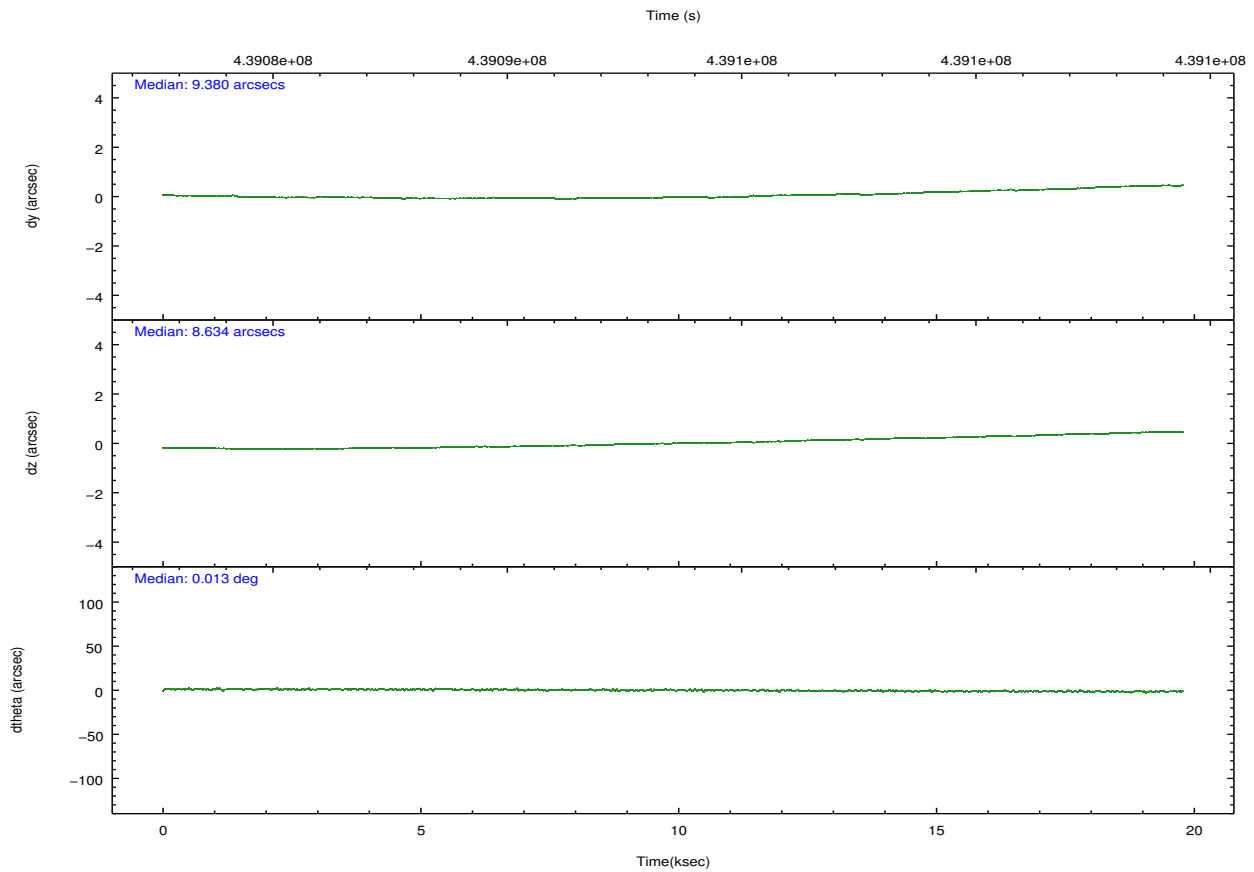
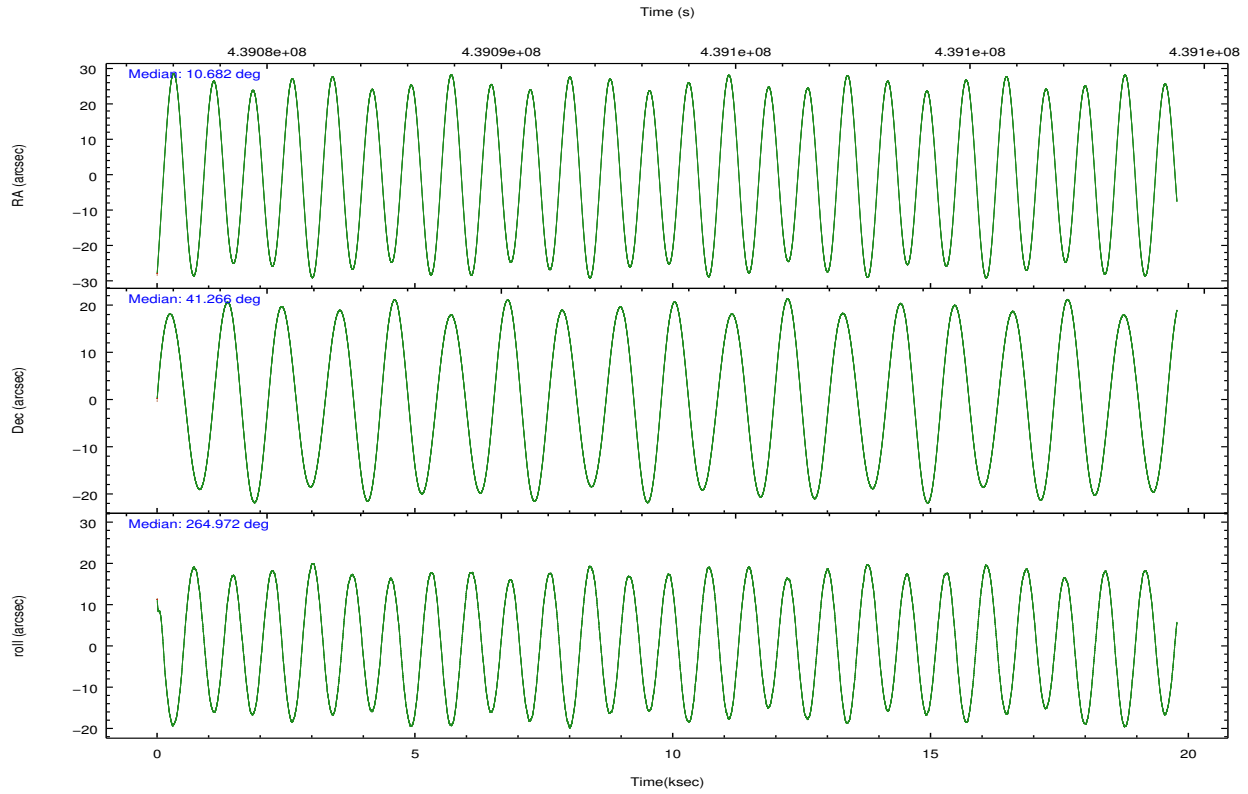
	segment 0
level 1 events	2131731
rejected events	57706
rejected %	2%

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	10.666022	10.68213342302499			
[deg] Pointing Dec	41.289881	41.26552068817922			
[deg] Pointing Roll	265.081290	264.9751699523332			
[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)	439083837.184000	439083055.77938			
Observation start date	2011-11-30T23:42:51	2011-11-30T23:30:55			
[s] Observation end time (MET)	439103426.184000	439104104.66799			
Observation end date	2011-12-01T05:09:20	2011-12-01T05:21:44			

2.3 Aspect



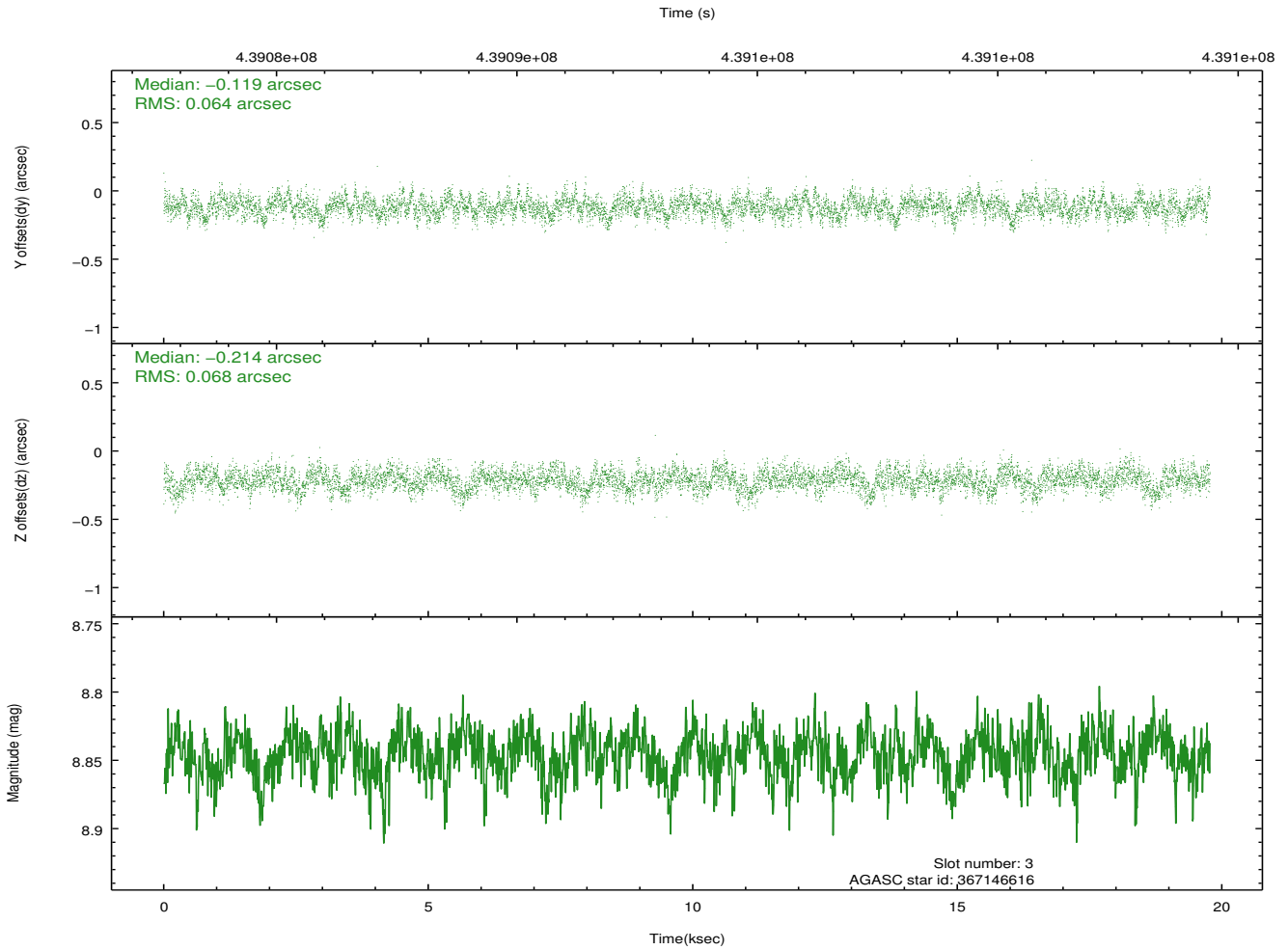
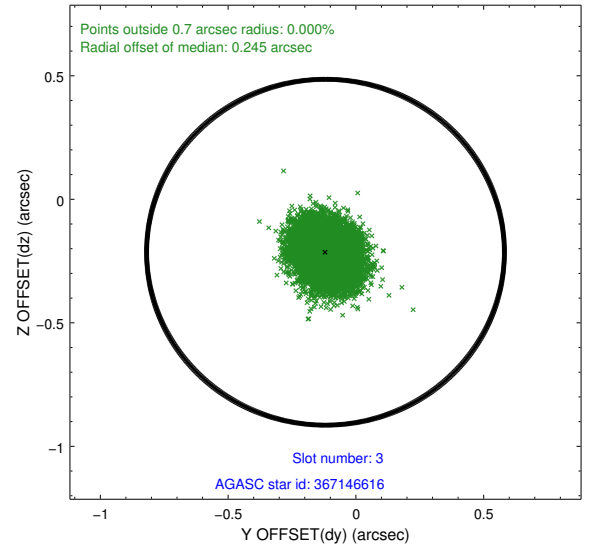
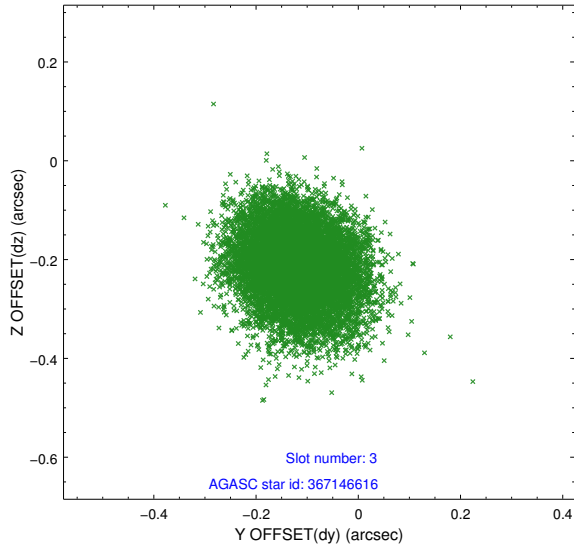


Slot Statistics

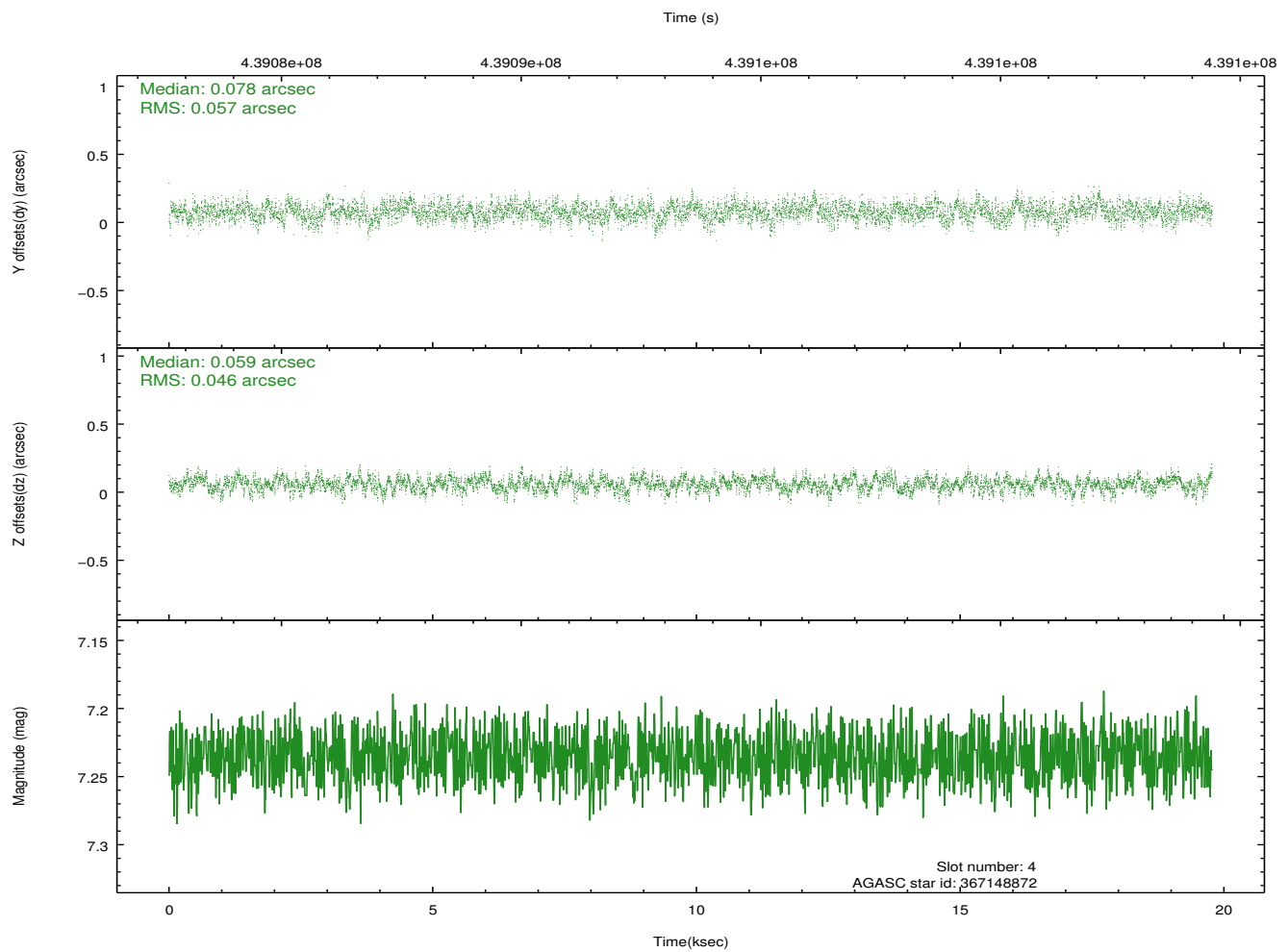
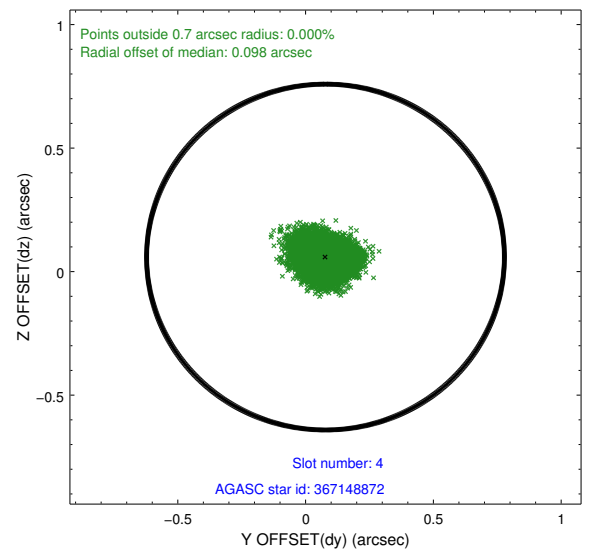
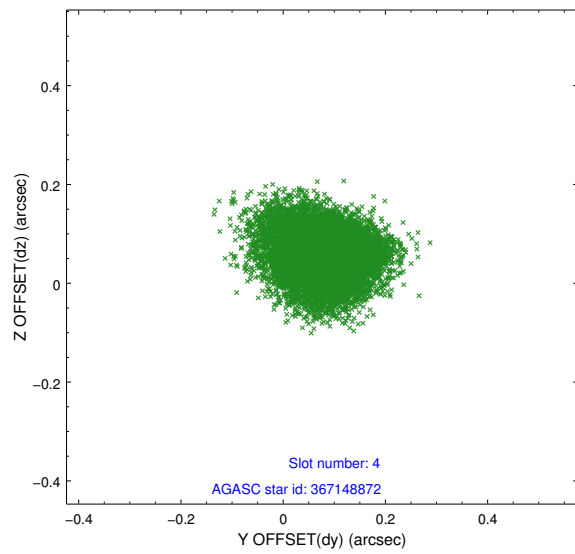
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	4824	-0.098	-0.022	0.010	0.021	0.000000	0.000000	-765.31	-1296.53
1	FID	HRC-I-2	6.99	4824	0.174	-0.092	0.008	0.014	0.000000	0.000000	847.43	-1298.56
2	FID	HRC-I-4	6.96	4824	0.039	0.022	0.010	0.019	0.000000	0.000000	1277.98	1005.25
3	GUIDE	367146616	8.84	9636	-0.119	-0.214	0.101	0.159	11.418645	41.190163	174.12	2061.16
4	GUIDE	367148872	7.24	9648	0.078	0.059	0.078	0.126	10.505940	40.688258	2196.10	-249.47
5	GUIDE	367657896	9.02	9637	0.087	0.051	0.104	0.166	11.197765	41.313576	-212.13	1424.80
6	GUIDE	367663272	9.29	9643	-0.071	0.175	0.102	0.167	10.656279	41.699429	-1465.95	-153.22
7	GUIDE	367674552	8.85	9643	0.028	-0.069	0.082	0.139	11.016238	41.570845	-1090.30	852.85

2.4 Star Slots

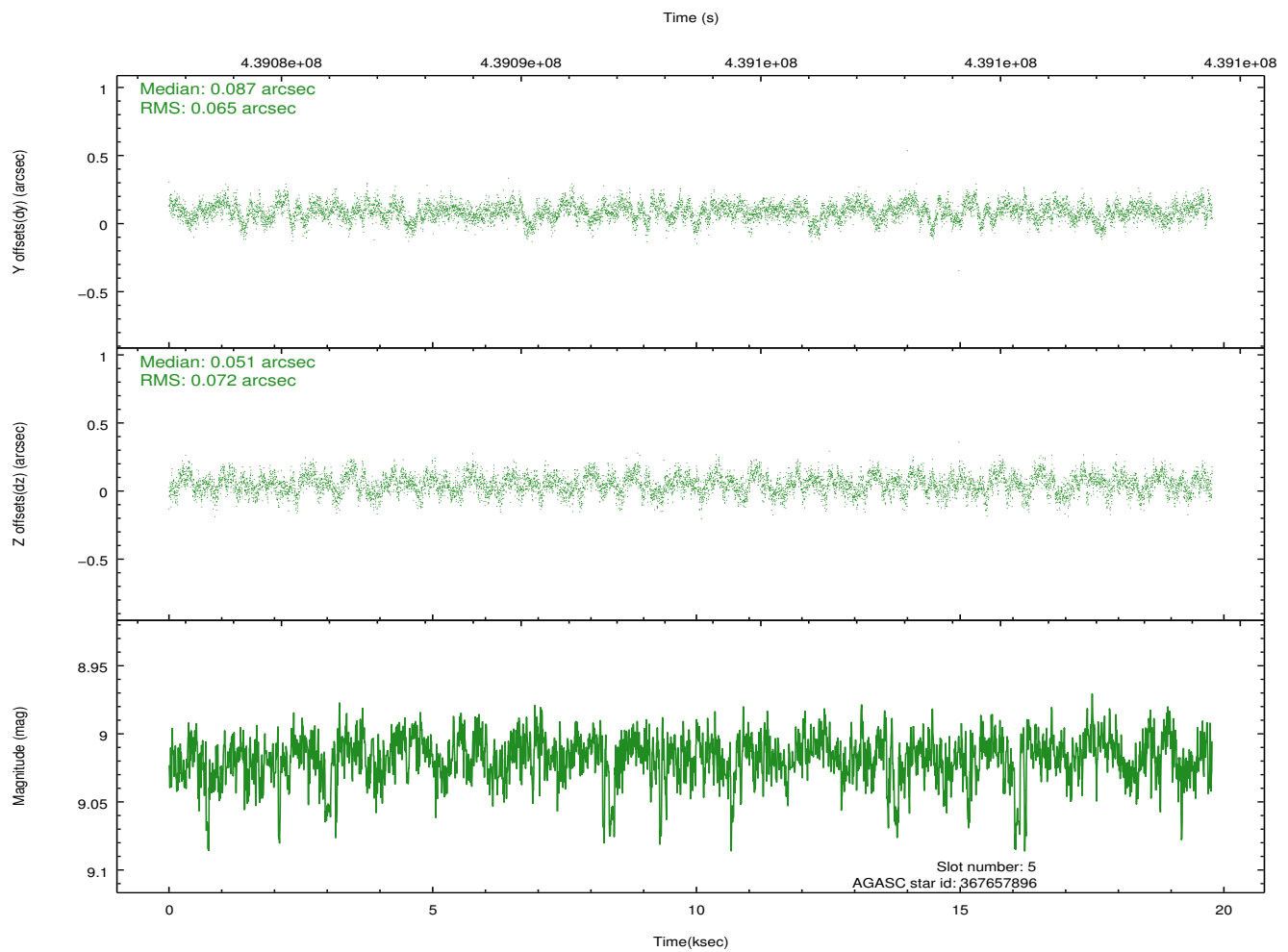
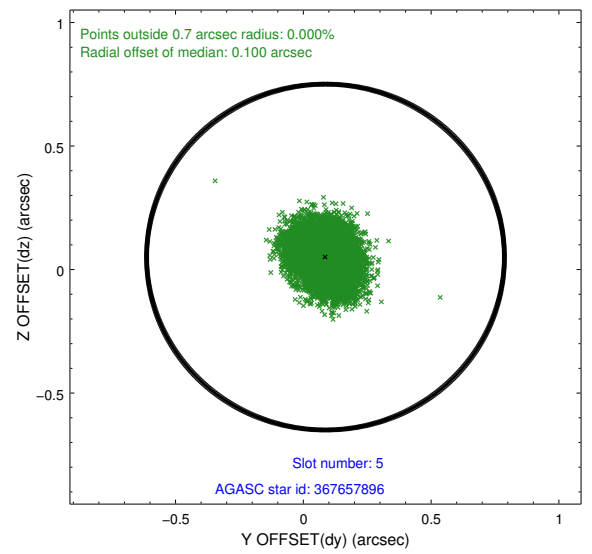
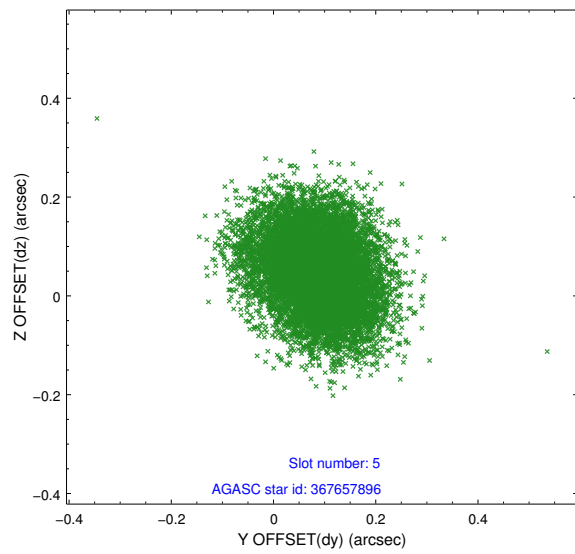
2.4.1 Slot 3



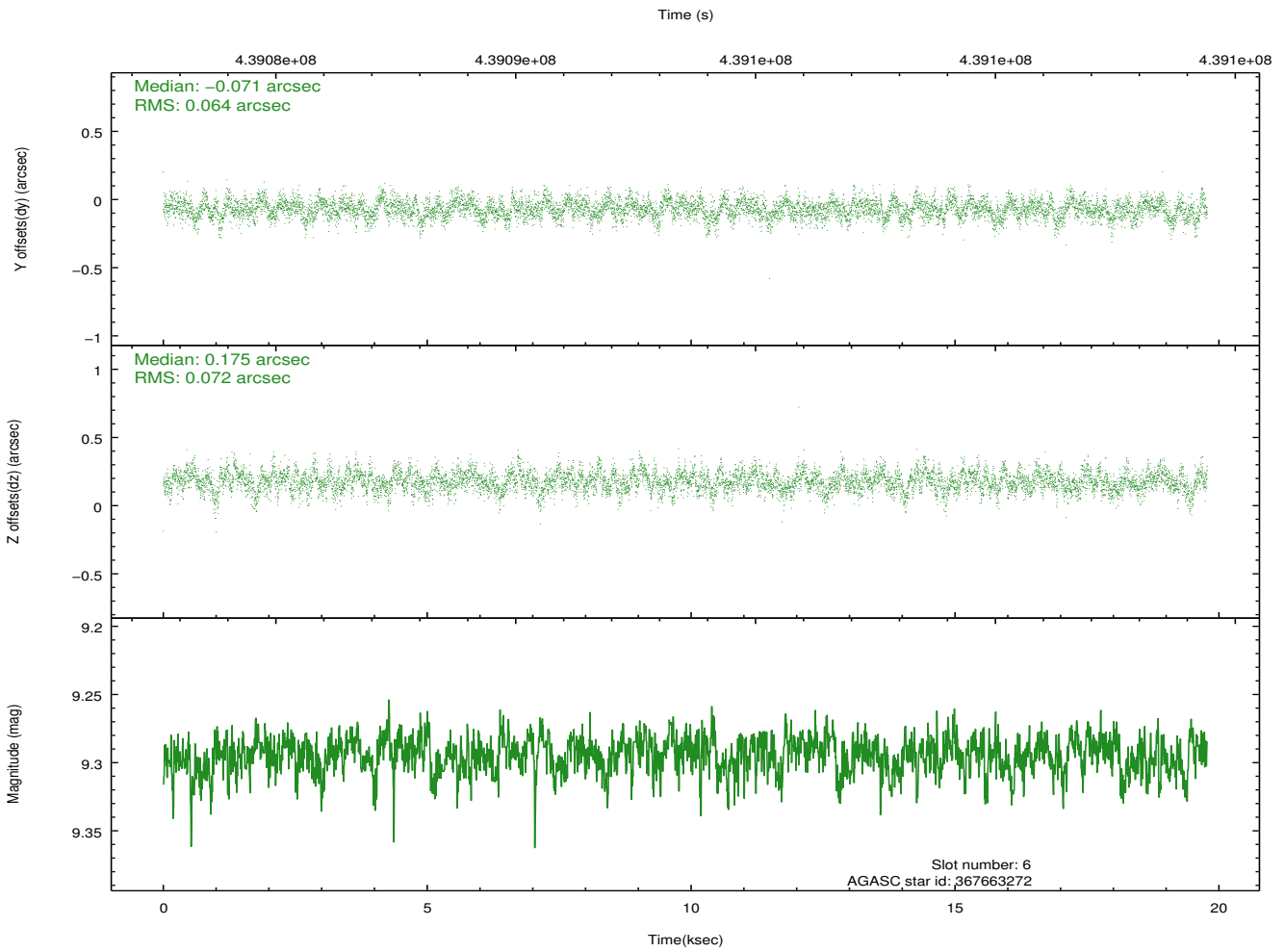
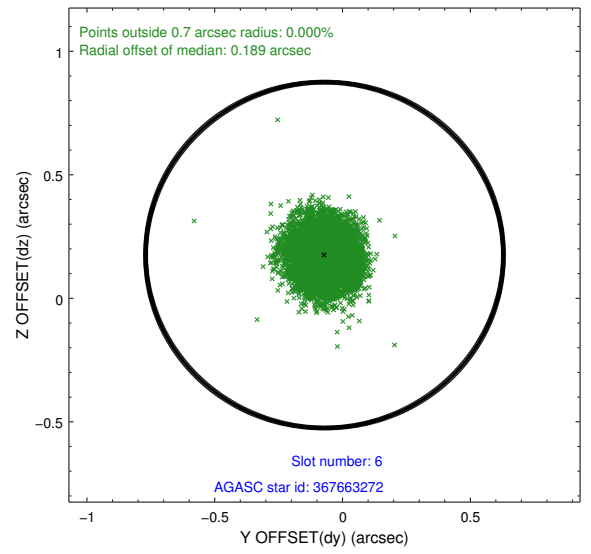
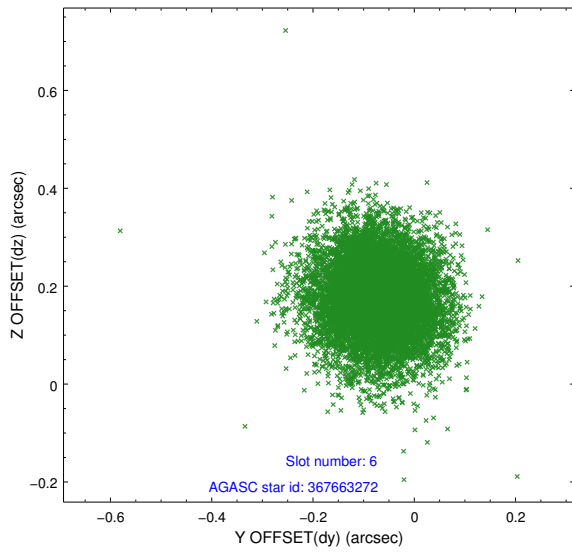
2.4.2 Slot 4



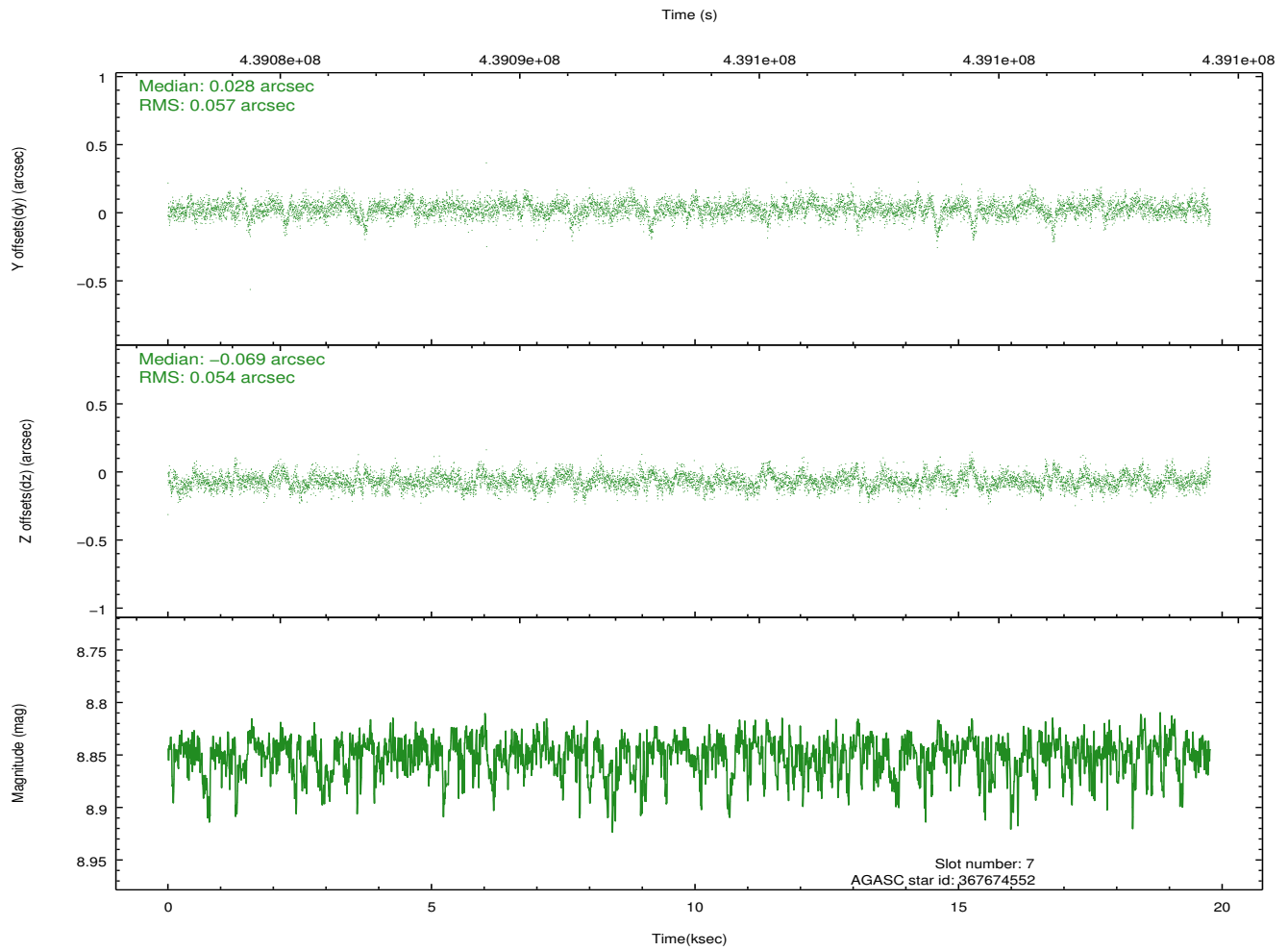
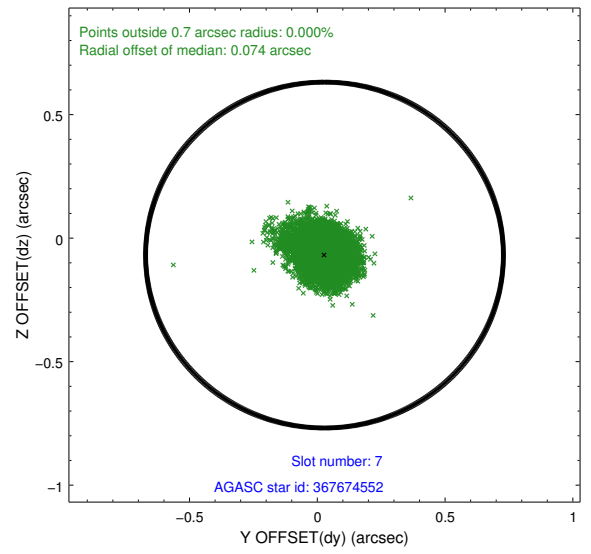
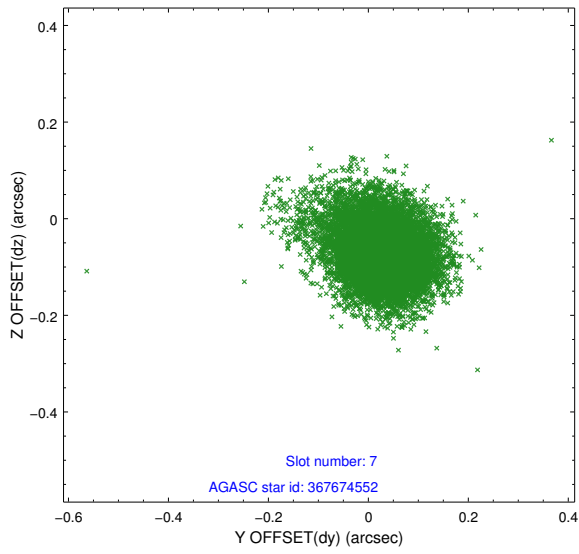
2.4.3 Slot 5



2.4.4 Slot 6

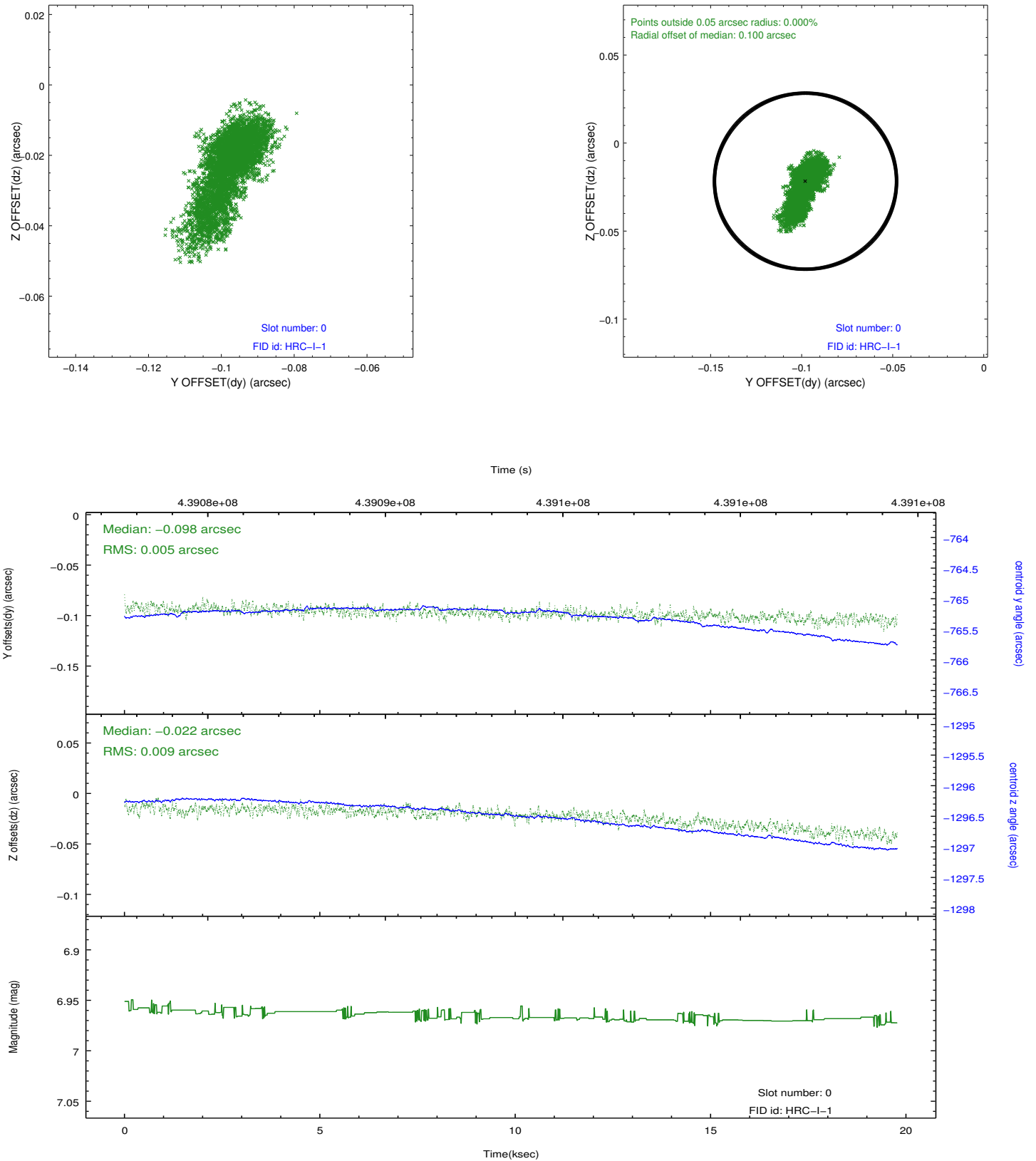


2.4.5 Slot 7

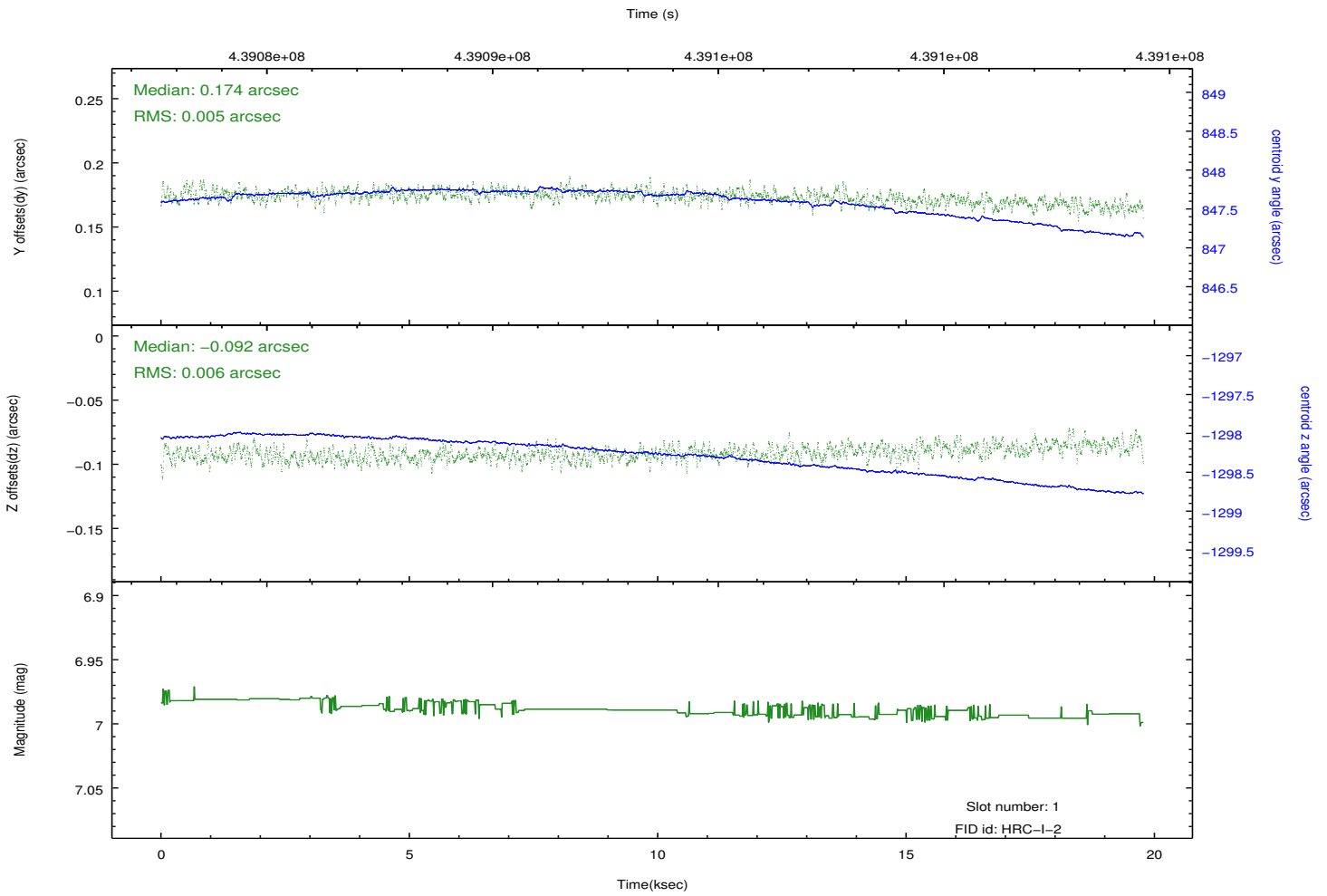
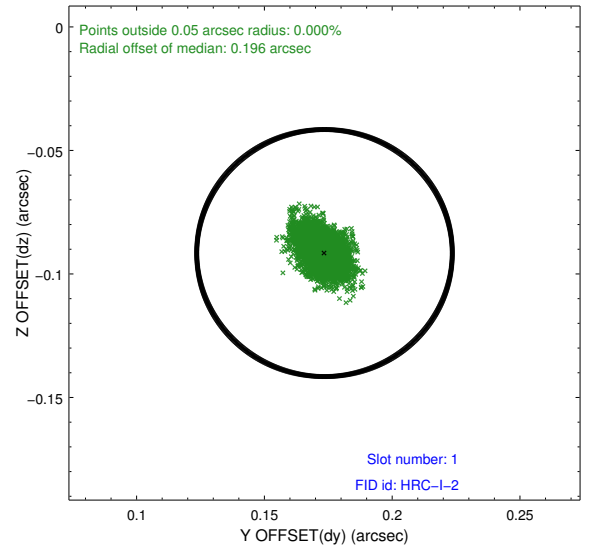
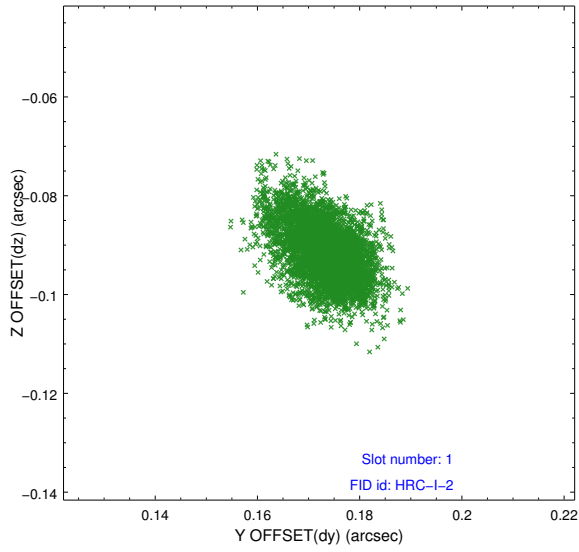


2.5 FID Slots

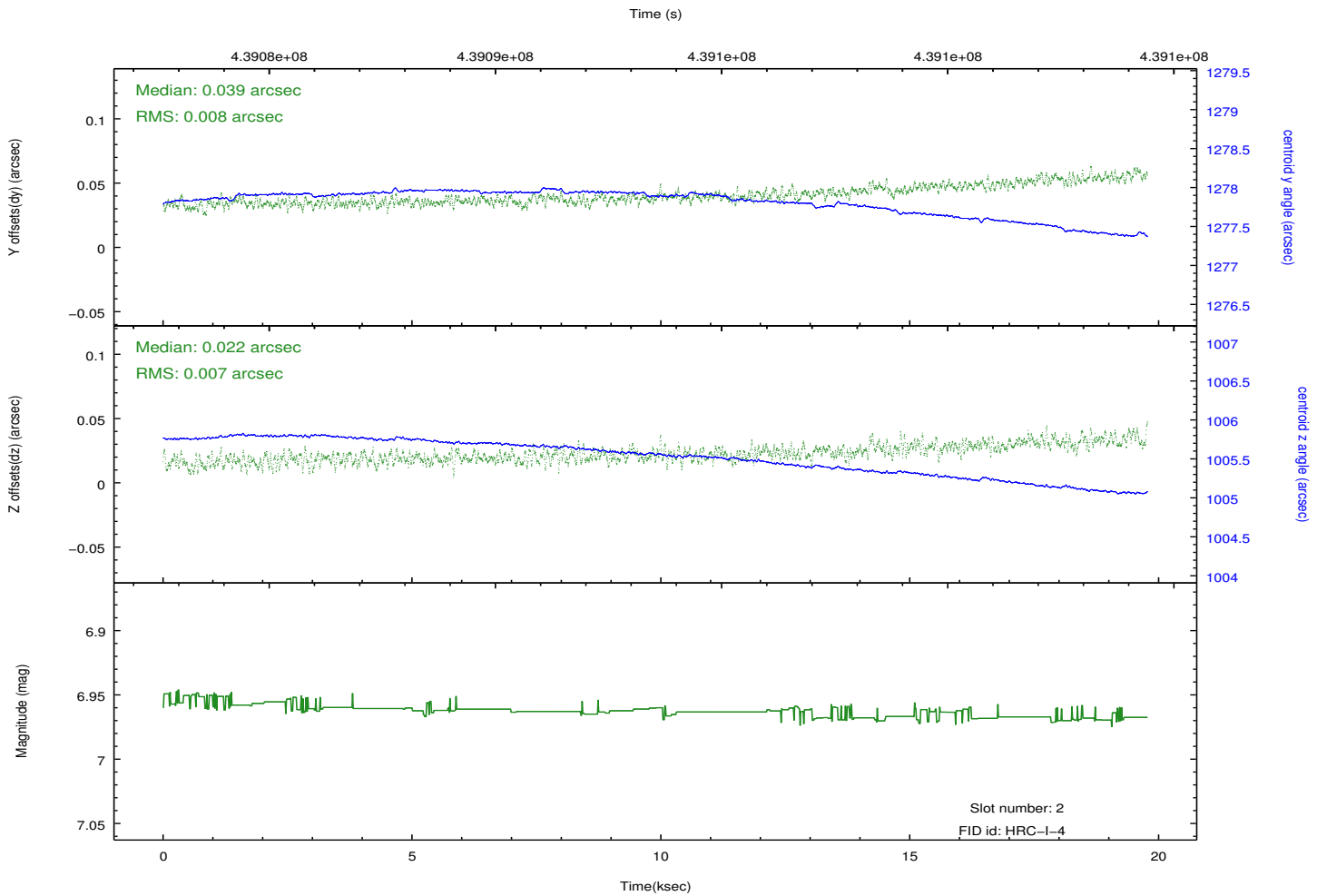
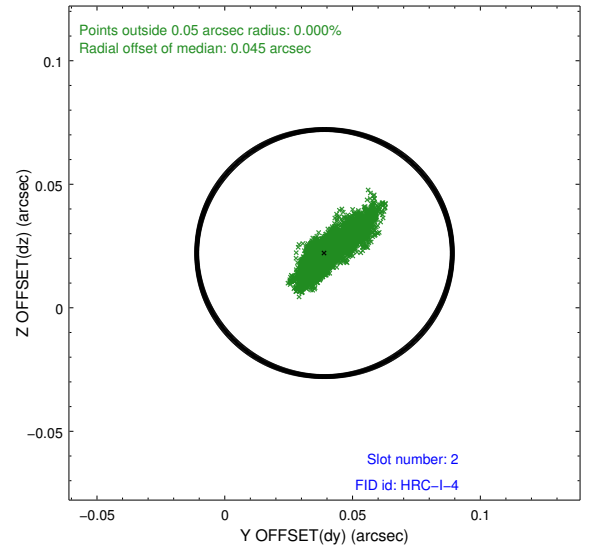
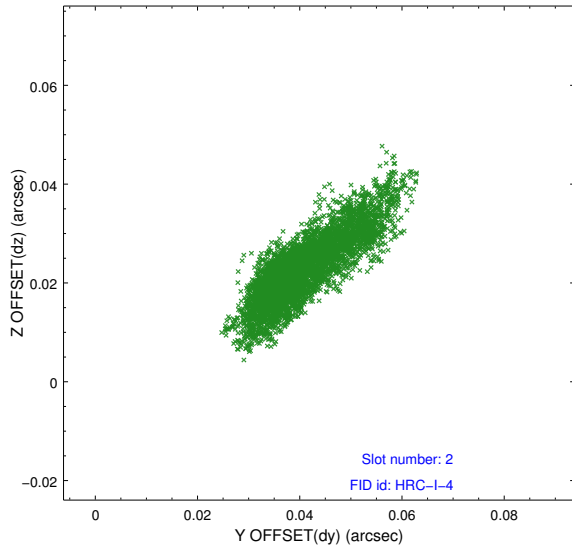
2.5.1 Slot 0



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)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.775582282126

A.2 Comments

Joint proposal with XMM.