

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9826 - L2 Version 3
Chandra X-Ray Center

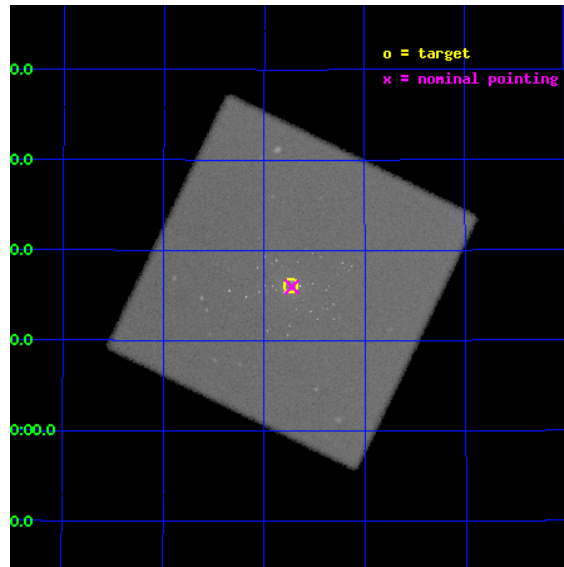
L2 Processing Date : Aug 12 2012

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1 Front

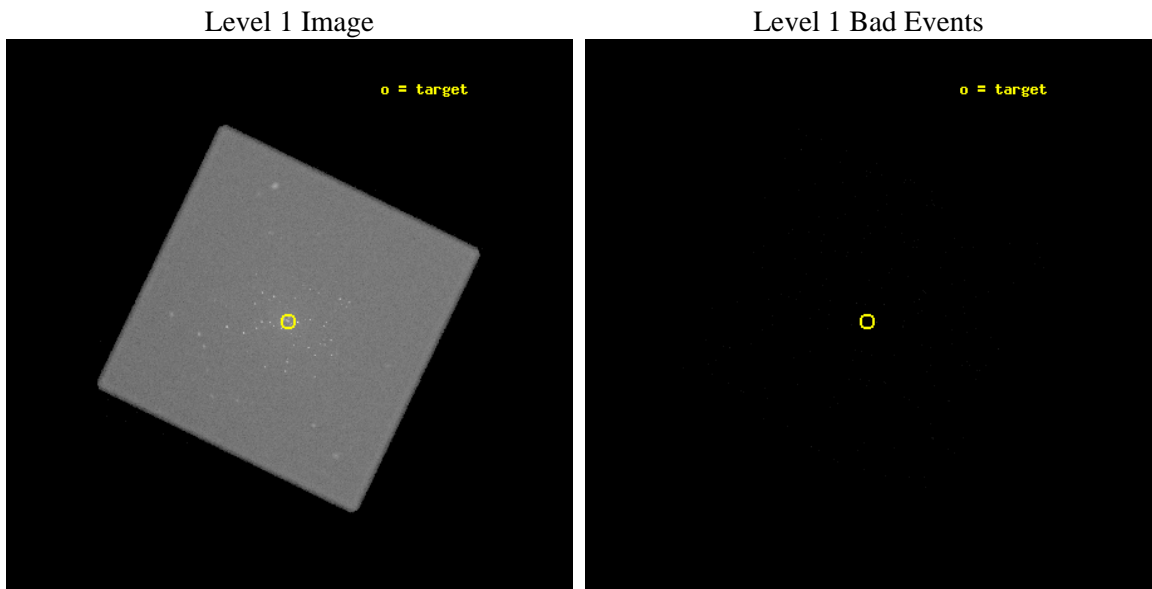
seq_num	300234	Sequence number
obs_id	9826	Observation id
title	Resolving short supersoft source states of optical novae in the core of M31	Proposal title
observer	Dr. Wolfgang Pietsch	Principal investigator
object	M31	Source name
ra_targ	10.684583	Observer's specified target RA [deg]
dec_targ	41.269278	Observer's specified target Dec [deg]
ra_nom	10.680951073266	Nominal RA [deg]
dec_nom	41.266033764829	Nominal Dec [deg]
roll_nom	250.88789581067	Nominal Roll [deg]
revision	3	Processing version of data
ontime	20144.582244098	[s]
liveltime	19918.75149393	Ontime multiplied by DTCOR
l2events	1386837	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	20000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	20144.582244098	[s]
caldbver	4.5.1.1	 	l1events	2123378	Number of level 1 events
date	2012-08-12T23:37:48	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

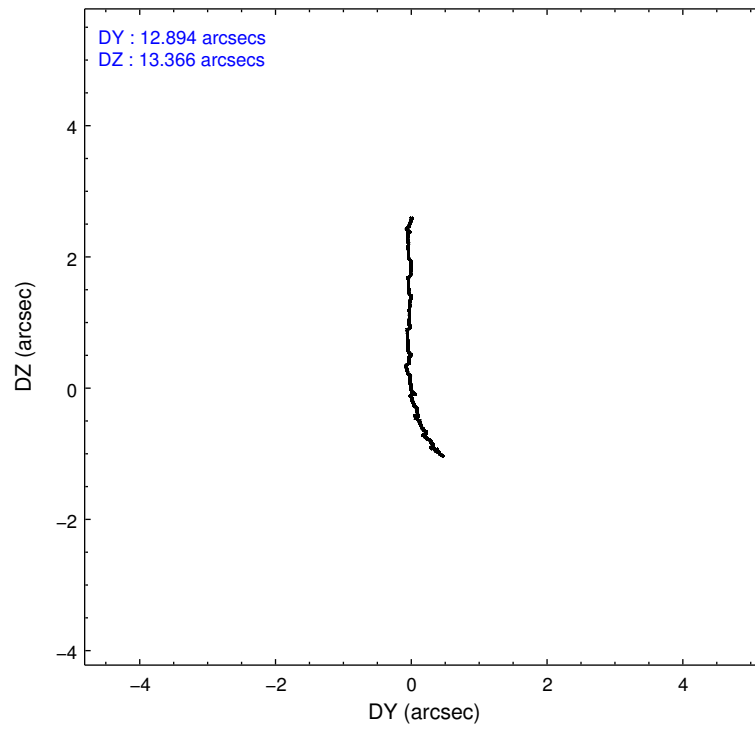
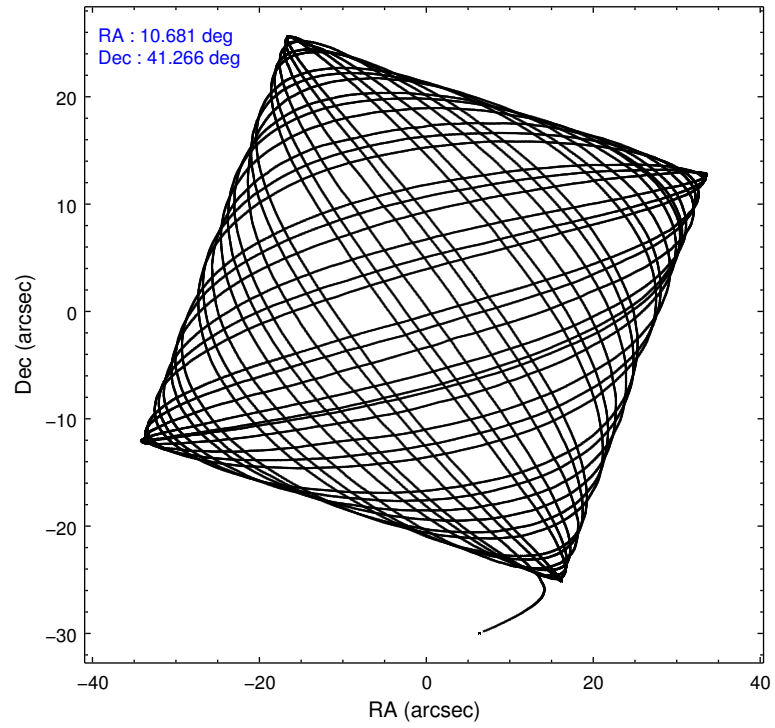
Level 1 Events

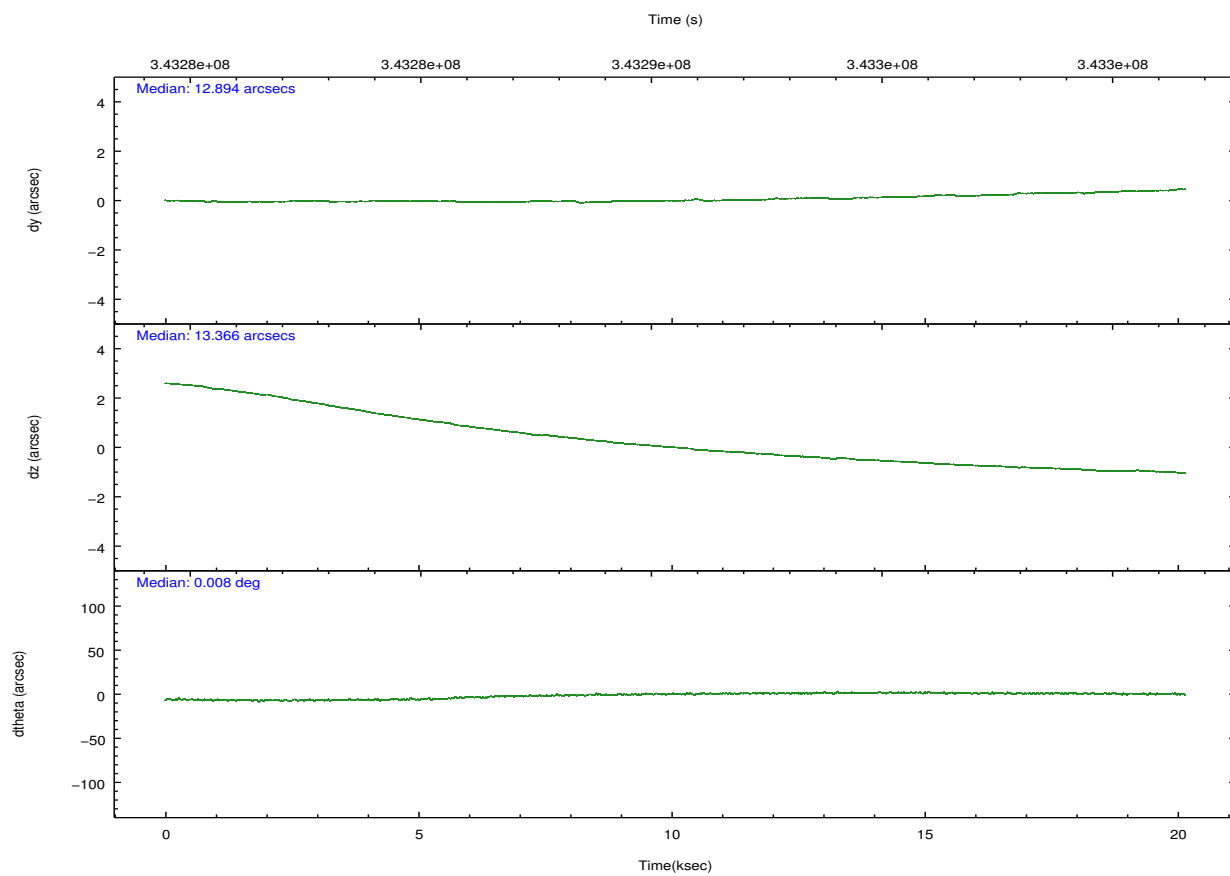
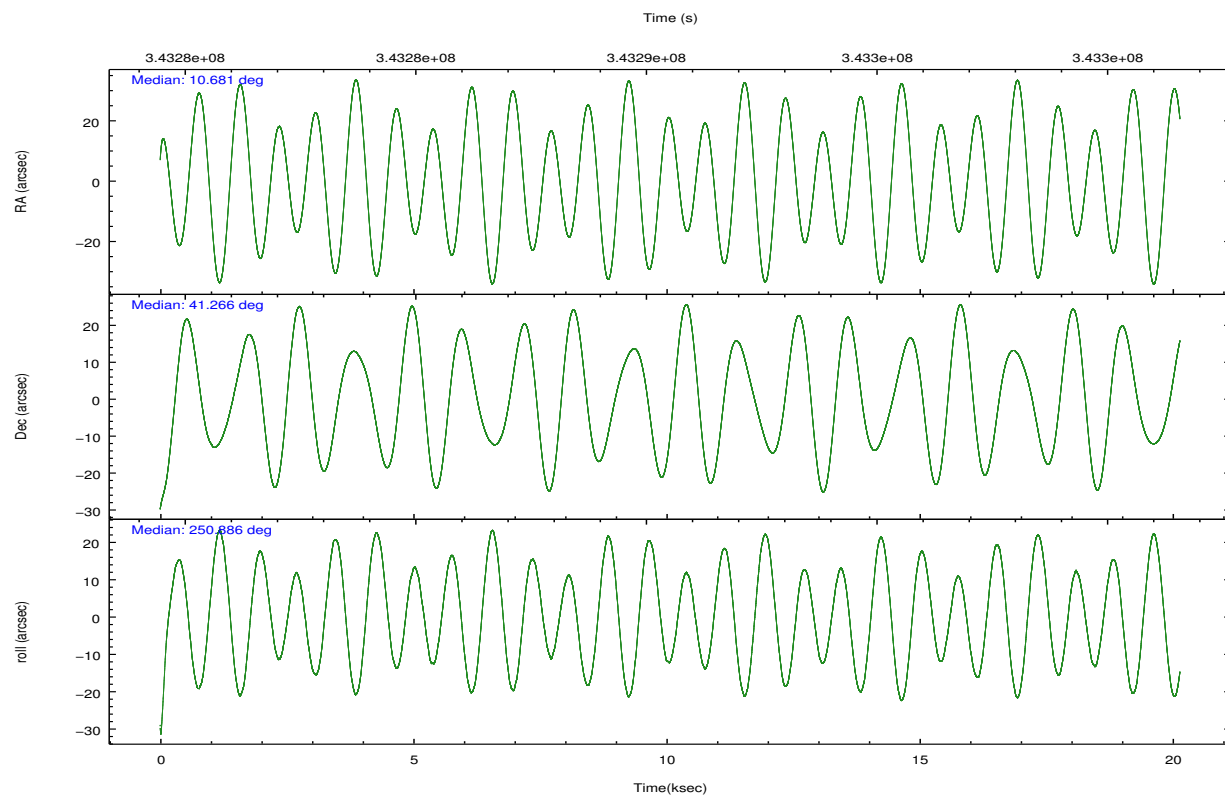
	segment 0
level 1 events	2123378
rejected events	112619
rejected %	5%

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	10.673260	10.68095107326639			
[deg] Pointing Dec	41.292665	41.26603376482913			
[deg] Pointing Roll	250.988473	250.8878958106743			
[s] Window start time (MET)	343267265.184000	343267265.184000			
[s] Window stop time (MET)	343526405.184000	343526405.184000			
[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)	343280579.184000	343279318.56866			
Observation start date	2008-11-17T03:41:54	2008-11-17T03:21:58			
[s] Observation end time (MET)	343300579.184000	343301589.25726			
Observation end date	2008-11-17T09:15:14	2008-11-17T09:33:09			

2.3 Aspect



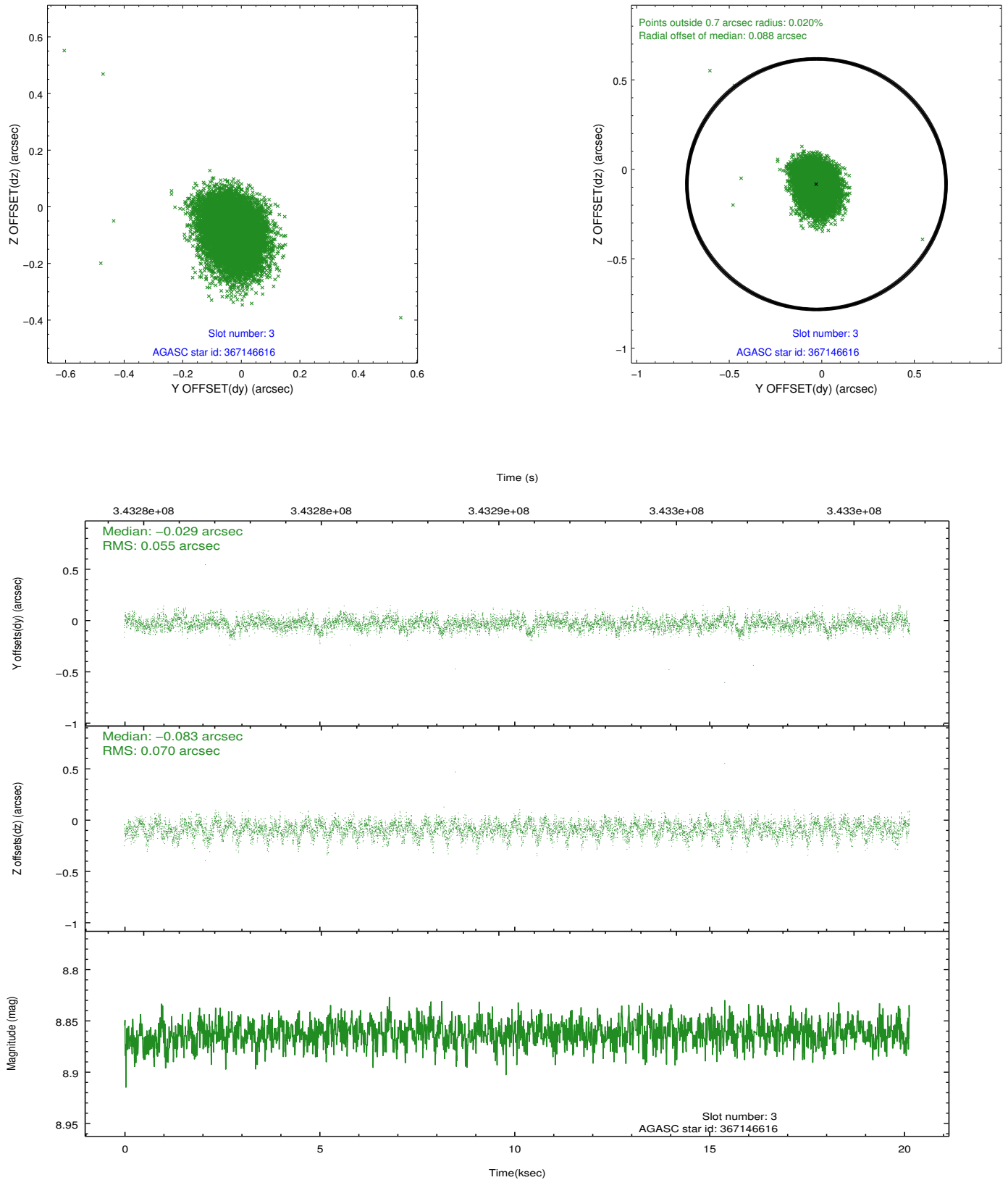


Slot Statistics

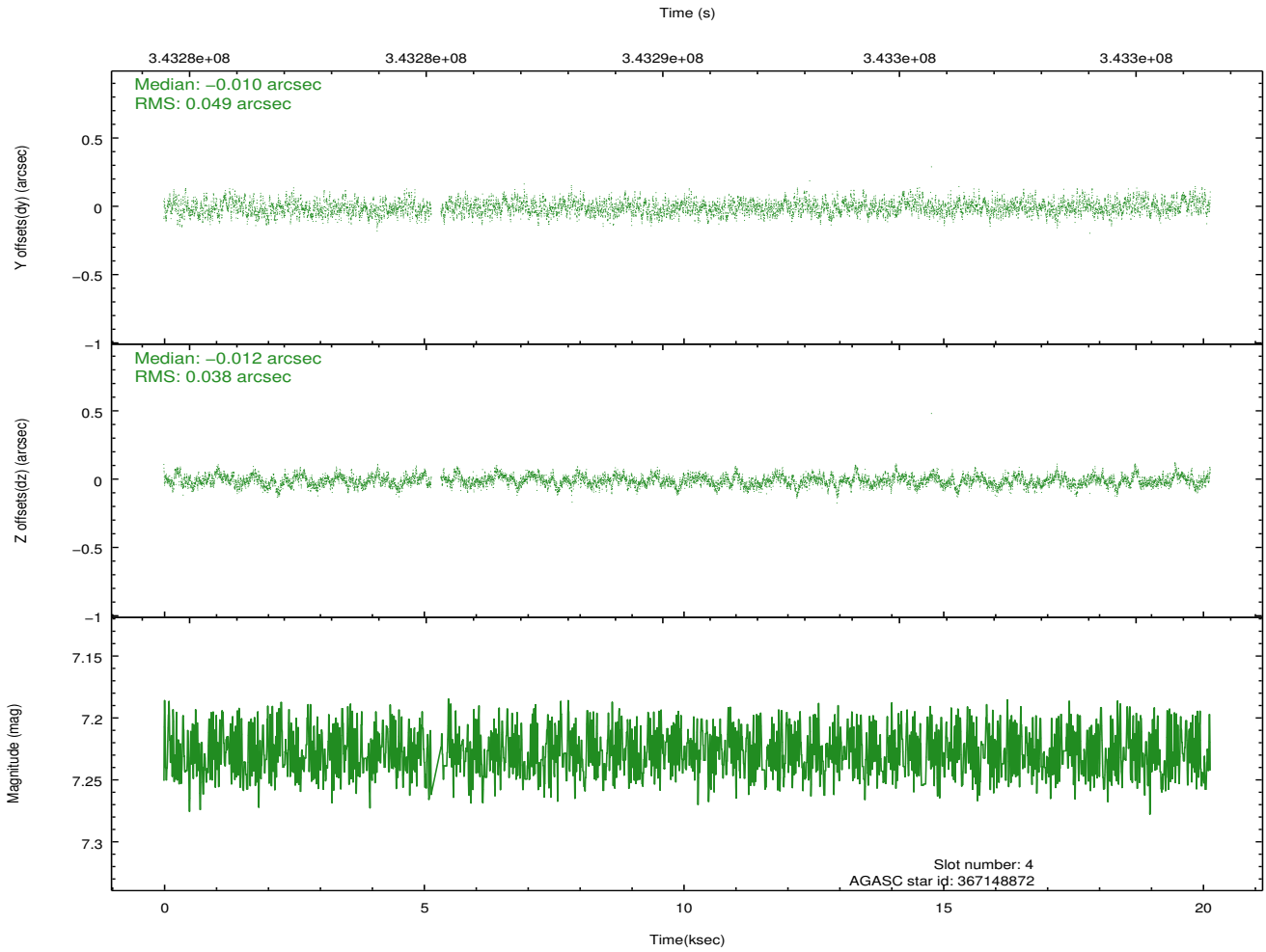
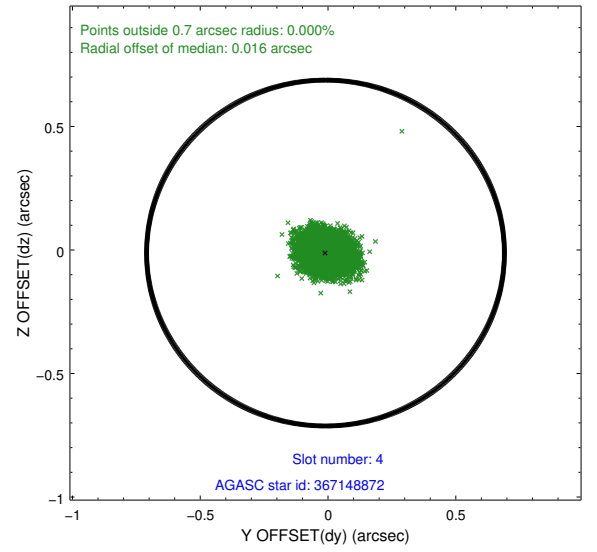
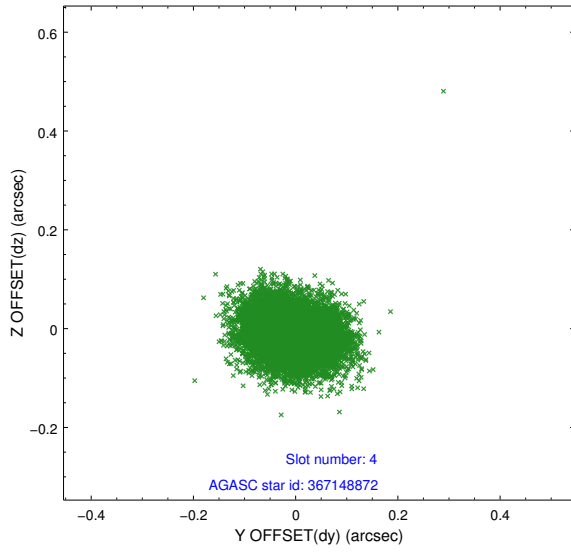
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	4912	-0.071	0.018	0.018	0.036	0.000000	0.000000	-768.78	-1301.70
1	FID	HRC-I-2	7.05	4914	0.255	-0.164	0.032	0.055	0.000000	0.000000	844.03	-1303.69
2	FID	HRC-I-3	7.10	4913	-0.066	0.044	0.035	0.047	0.000000	0.000000	-1197.10	1002.62
3	GUIDE	367146616	8.86	9822	-0.029	-0.083	0.093	0.153	11.418645	41.190163	-317.16	2026.46
4	GUIDE	367148872	7.23	9737	-0.010	-0.012	0.066	0.107	10.505940	40.688258	2206.17	277.24
5	GUIDE	367657896	9.02	9823	-0.008	0.098	0.092	0.155	11.197765	41.313576	-536.99	1315.09
6	GUIDE	367663272	9.29	9804	0.017	0.089	0.102	0.164	10.656279	41.699429	-1368.97	-520.55
7	GUIDE	367674552	8.85	9732	0.028	-0.087	0.078	0.127	11.016238	41.570845	-1249.43	546.52

2.4 Star Slots

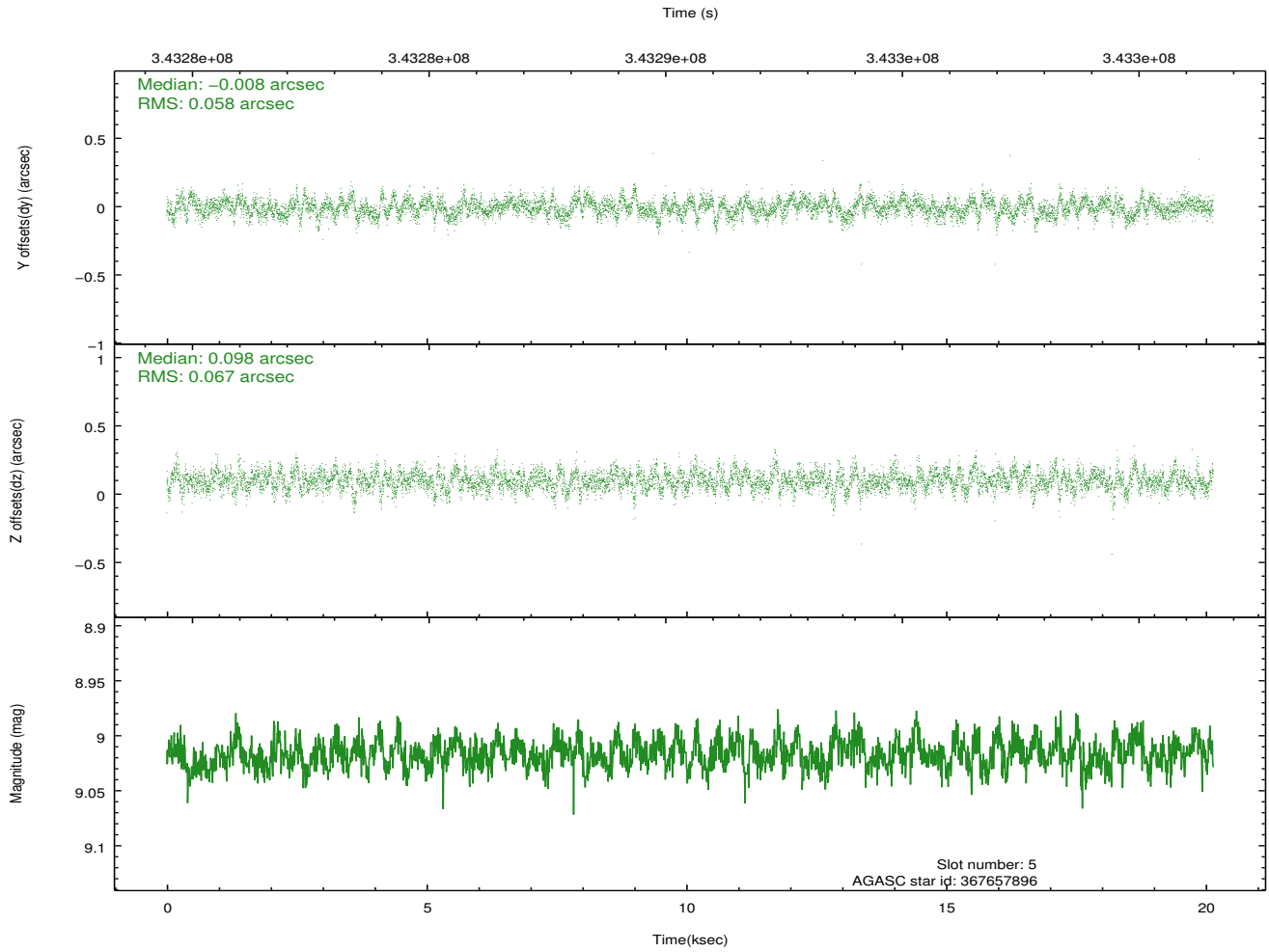
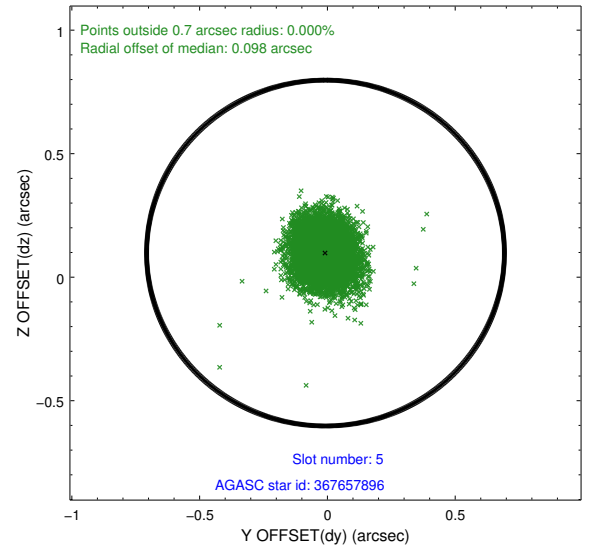
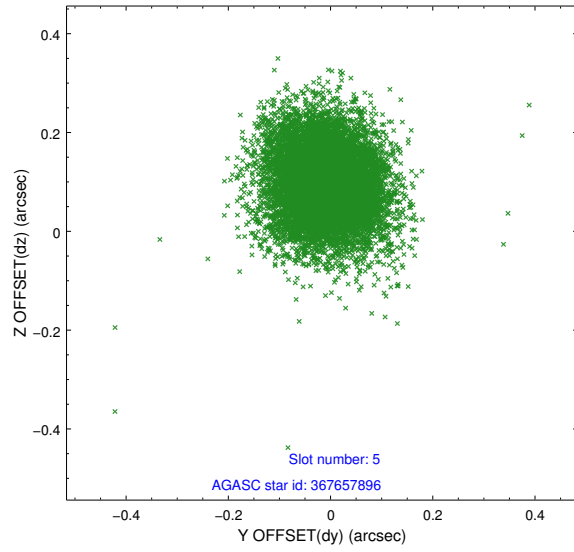
2.4.1 Slot 3



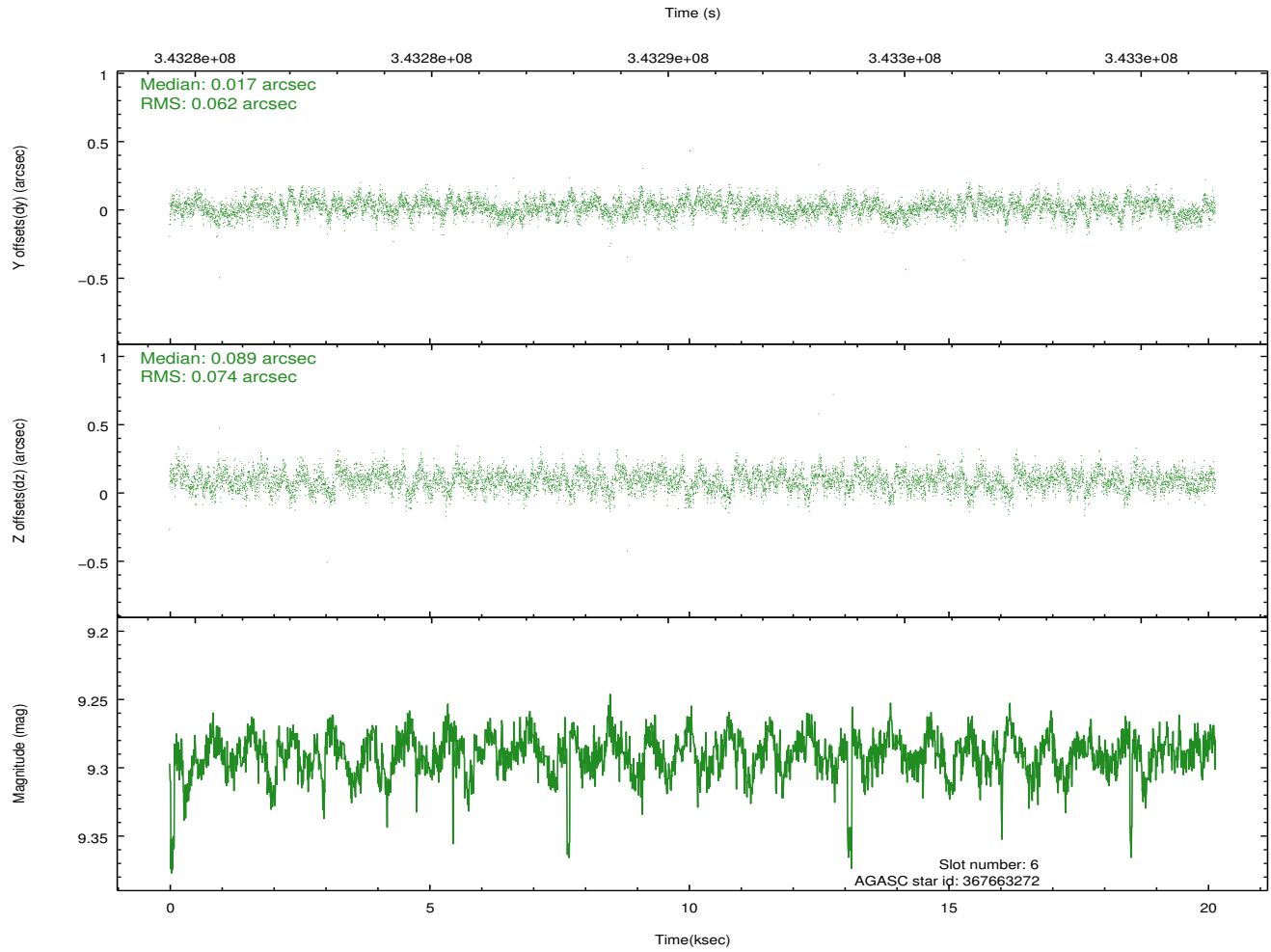
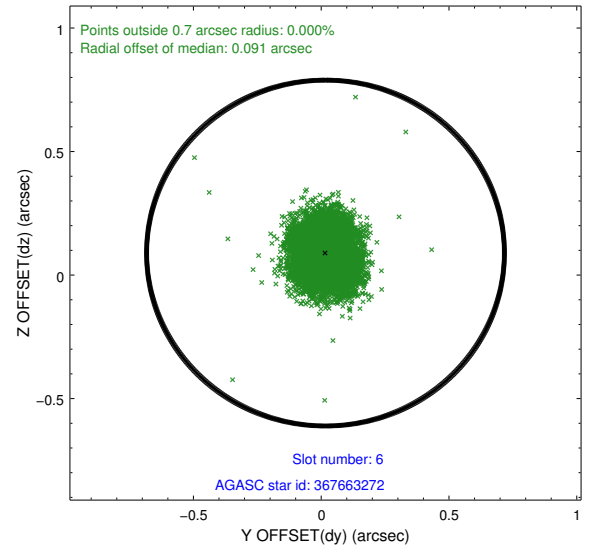
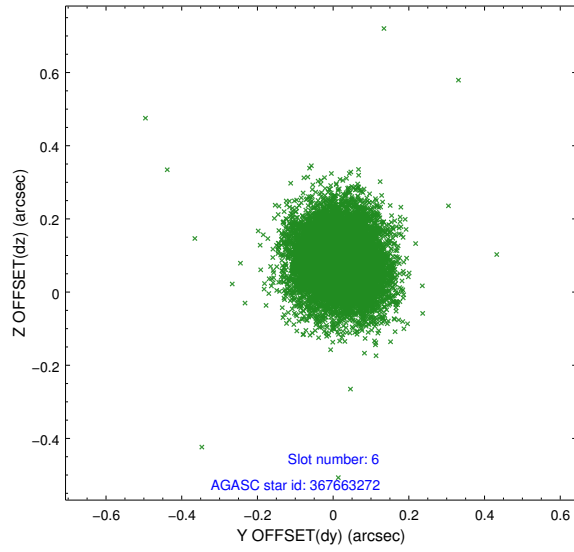
2.4.2 Slot 4



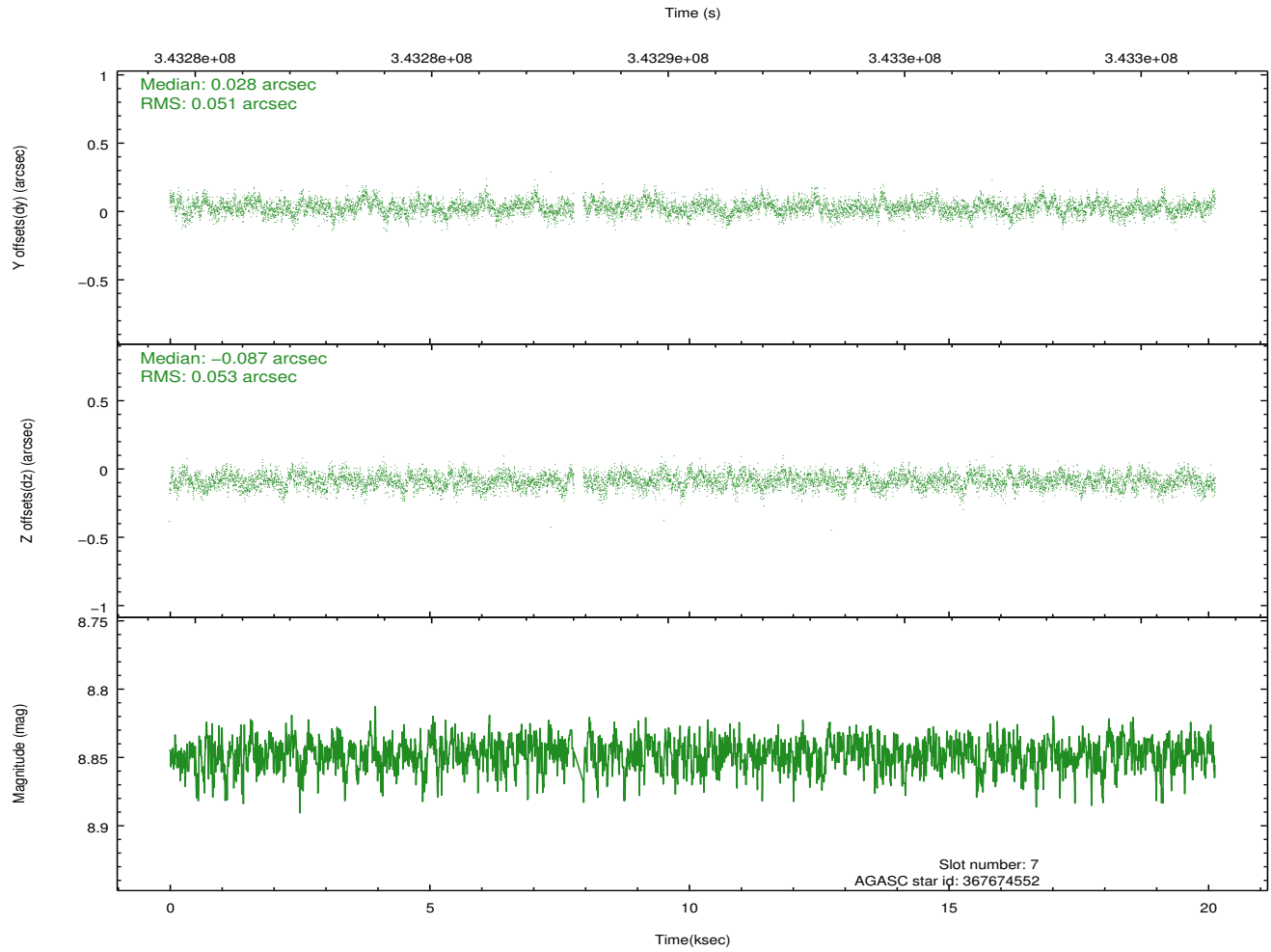
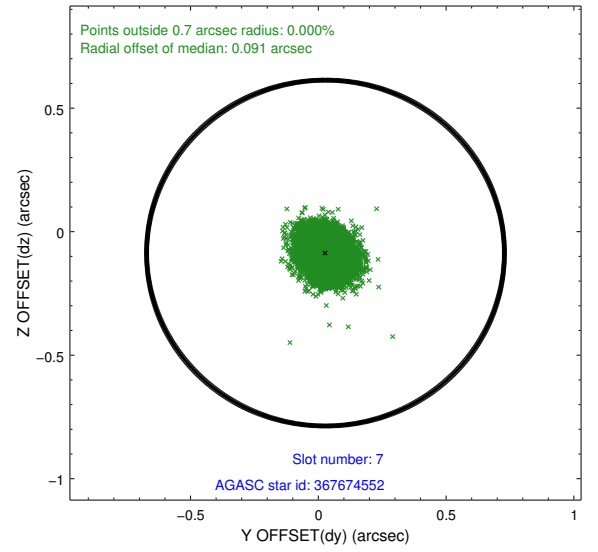
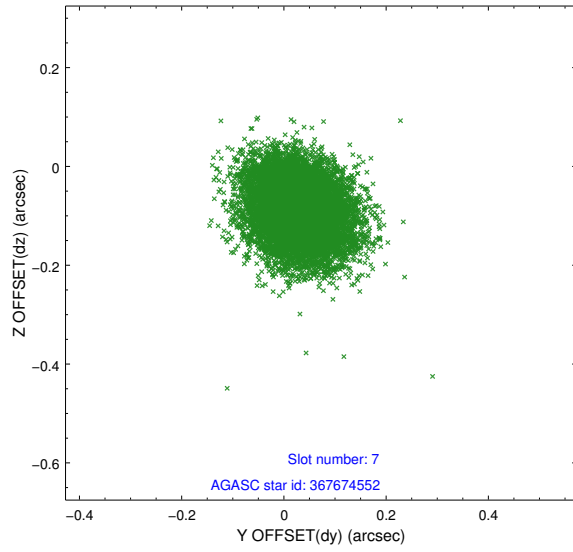
2.4.3 Slot 5



2.4.4 Slot 6

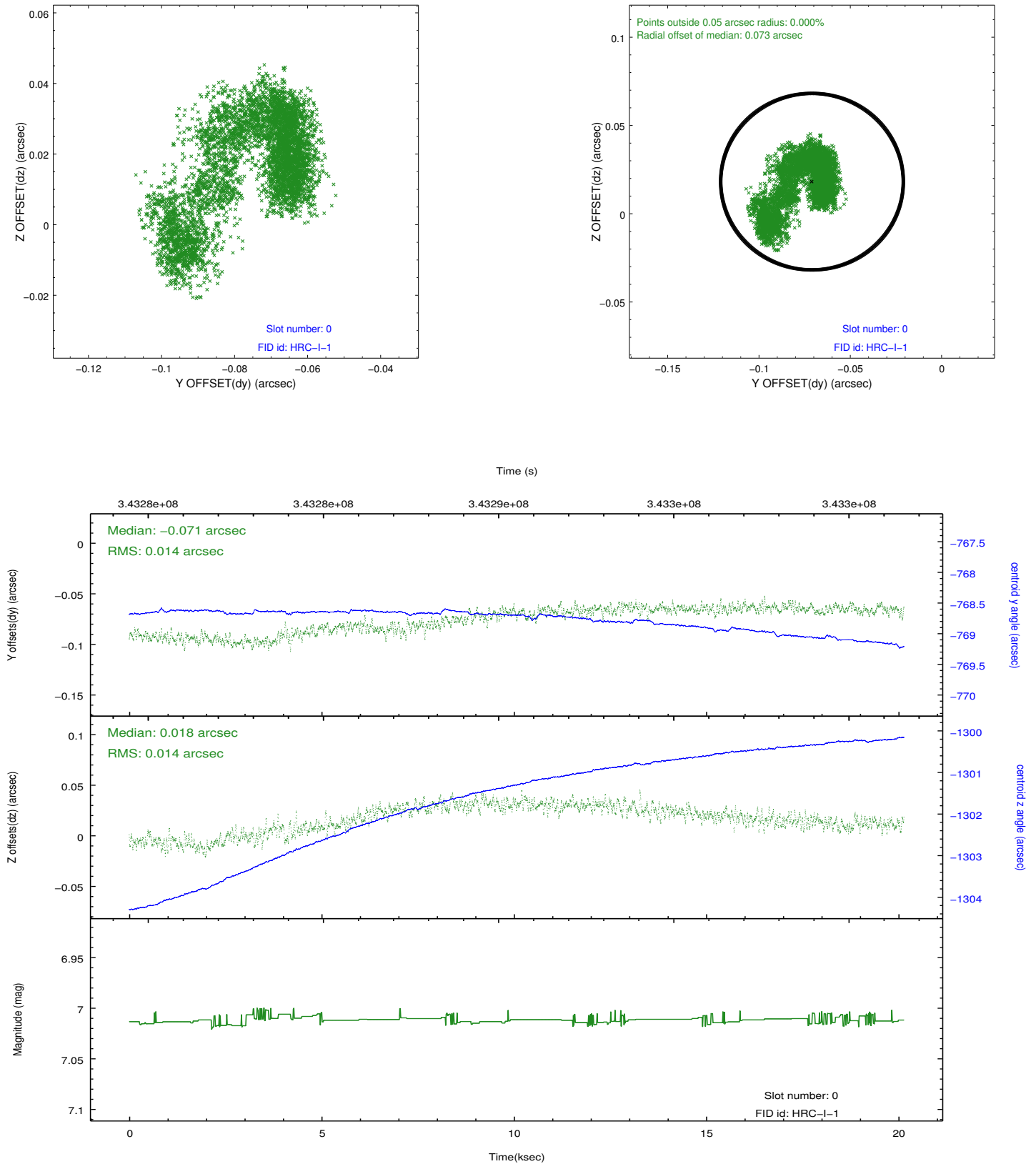


2.4.5 Slot 7

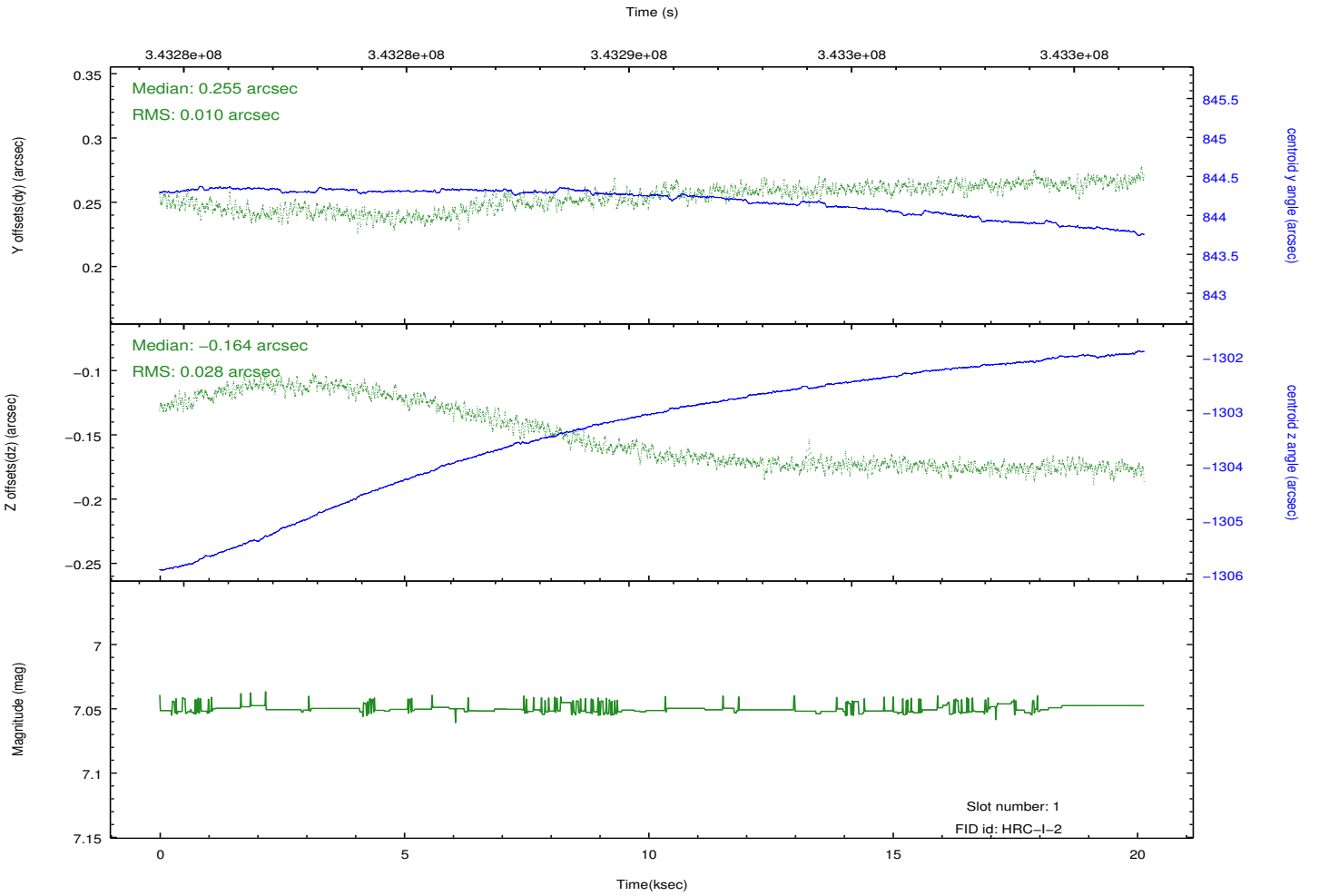
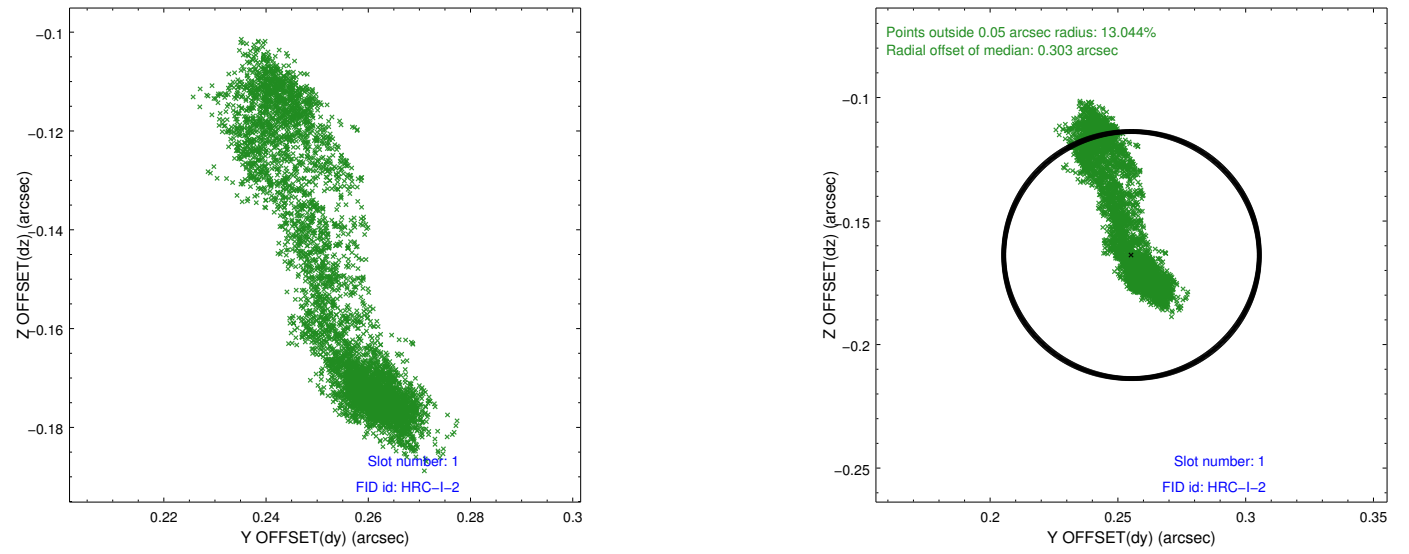


2.5 FID Slots

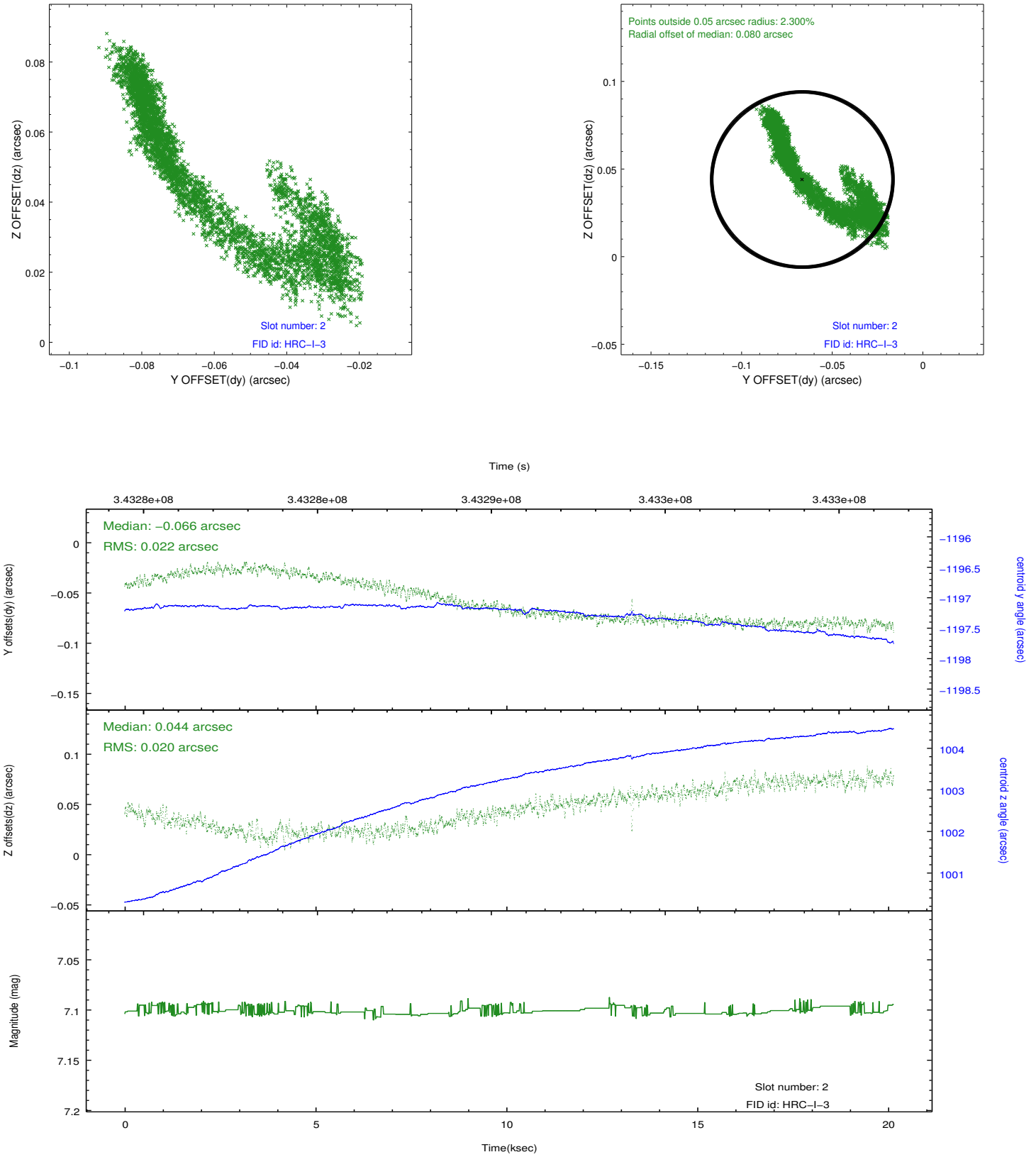
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.1445822

A.2 Comments

Joint proposal with XMM. Window preference met.