

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8530 - L2 Version 3
Chandra X-Ray Center

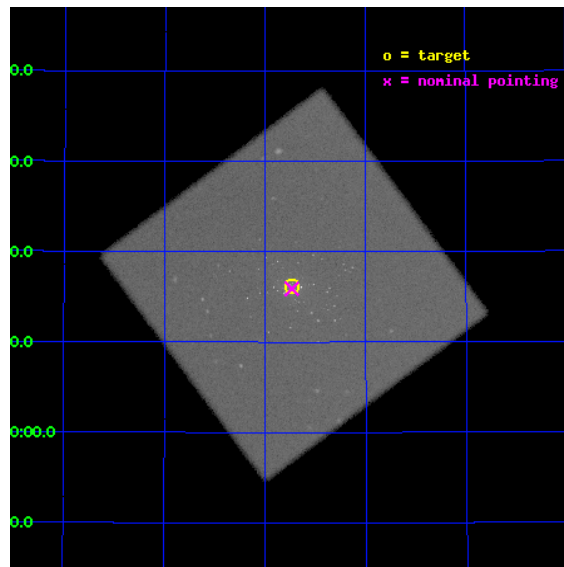
L2 Processing Date : Aug 12 2012

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

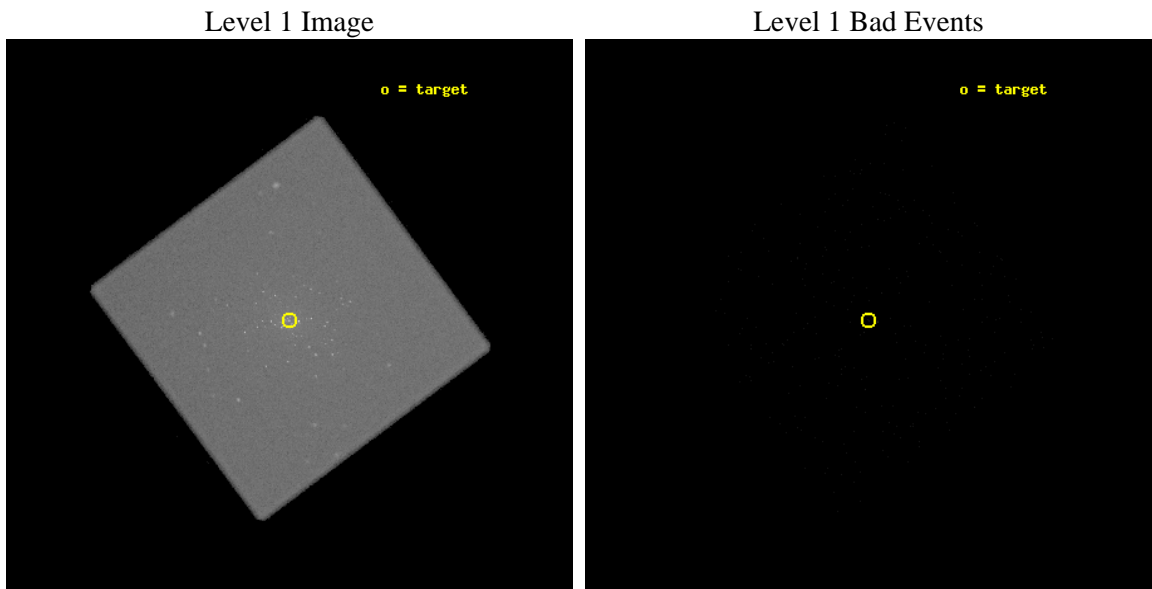
seq_num	300200	Sequence number
obs_id	8530	Observation id
title	Resolving short supersoft source states of optical novae in the core of M31	Proposal title
observer	Dr. Wolfgang Pietsch	Principal investigator
object	M31	Source name
ra_targ	10.684583	Observer's specified target RA [deg]
dec_targ	41.269278	Observer's specified target Dec [deg]
ra_nom	10.683304345951	Nominal RA [deg]
dec_nom	41.26506630558	Nominal Dec [deg]
roll_nom	278.33297133282	Nominal Roll [deg]
revision	3	Processing version of data
ontime	20156.882224917	[s]
livetime	19866.044220341	Ontime multiplied by DTCOR
l2events	1377120	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	20156.882224917	[s]
caldbver	4.5.1.1	 	l1events	2057382	Number of level 1 events
date	2012-08-12T07:55:46	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

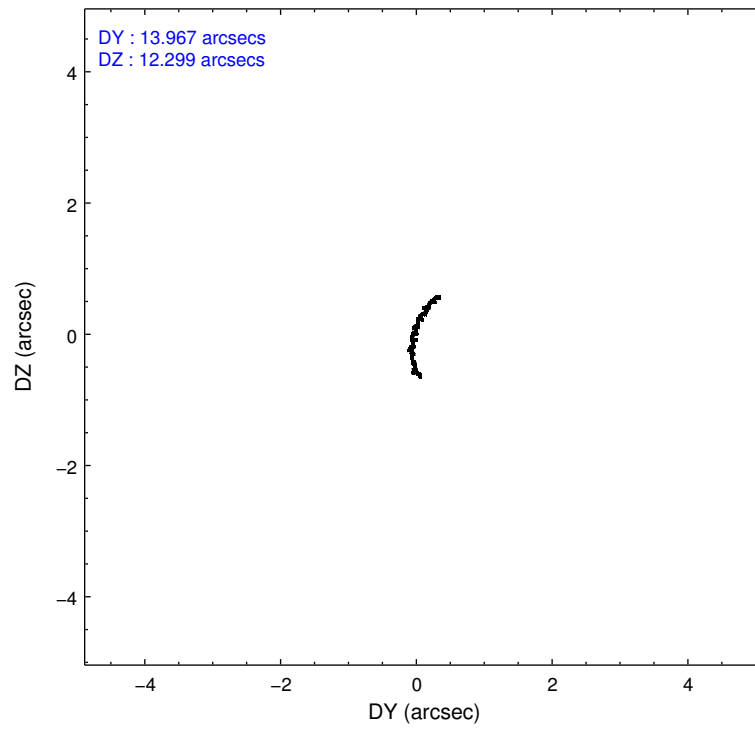
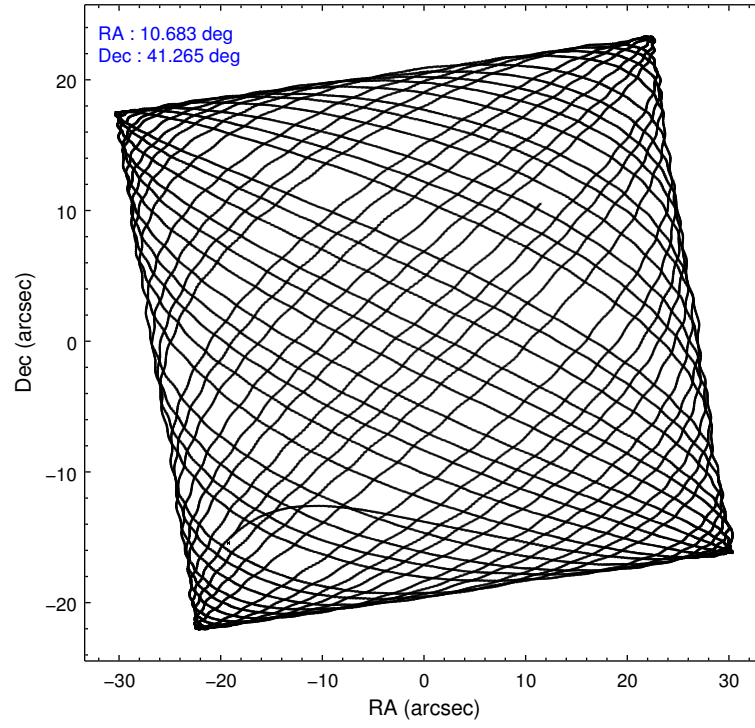
Level 1 Events

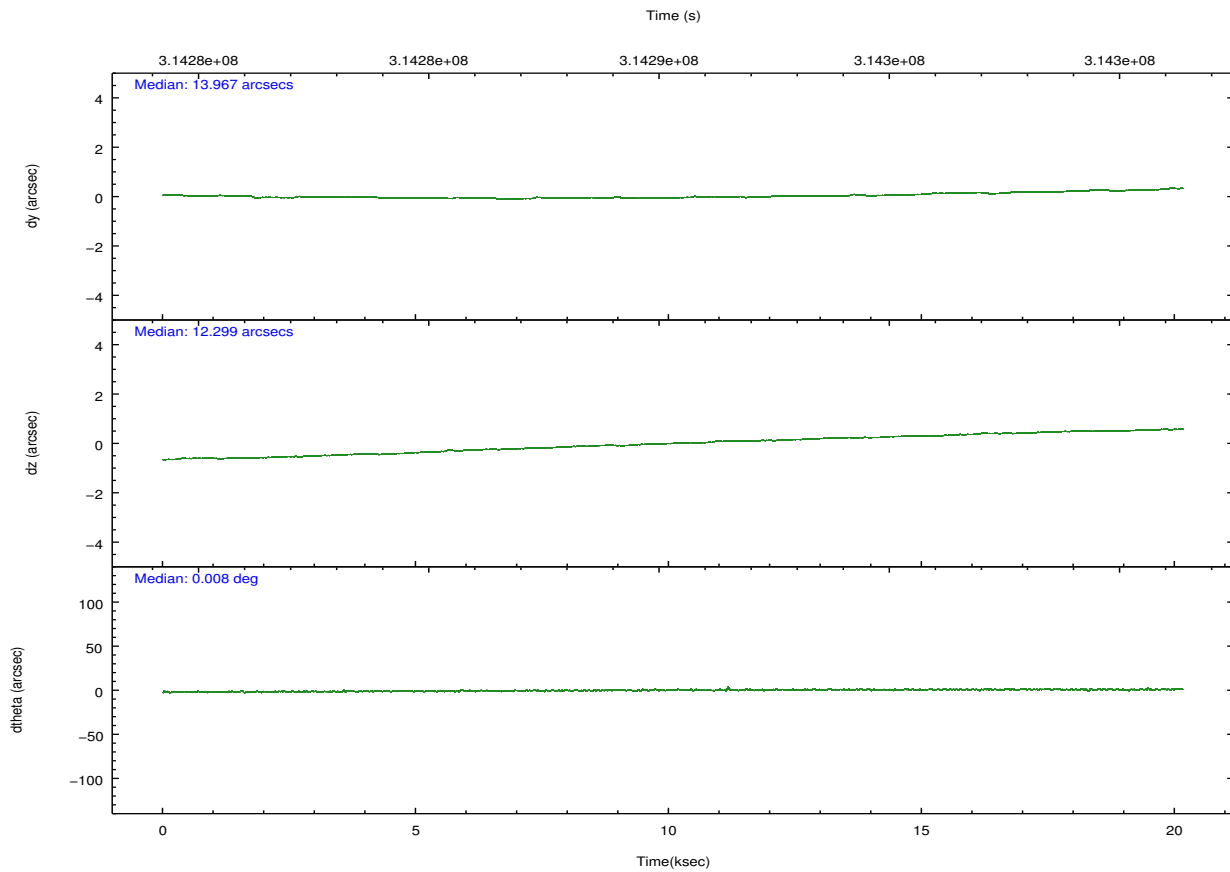
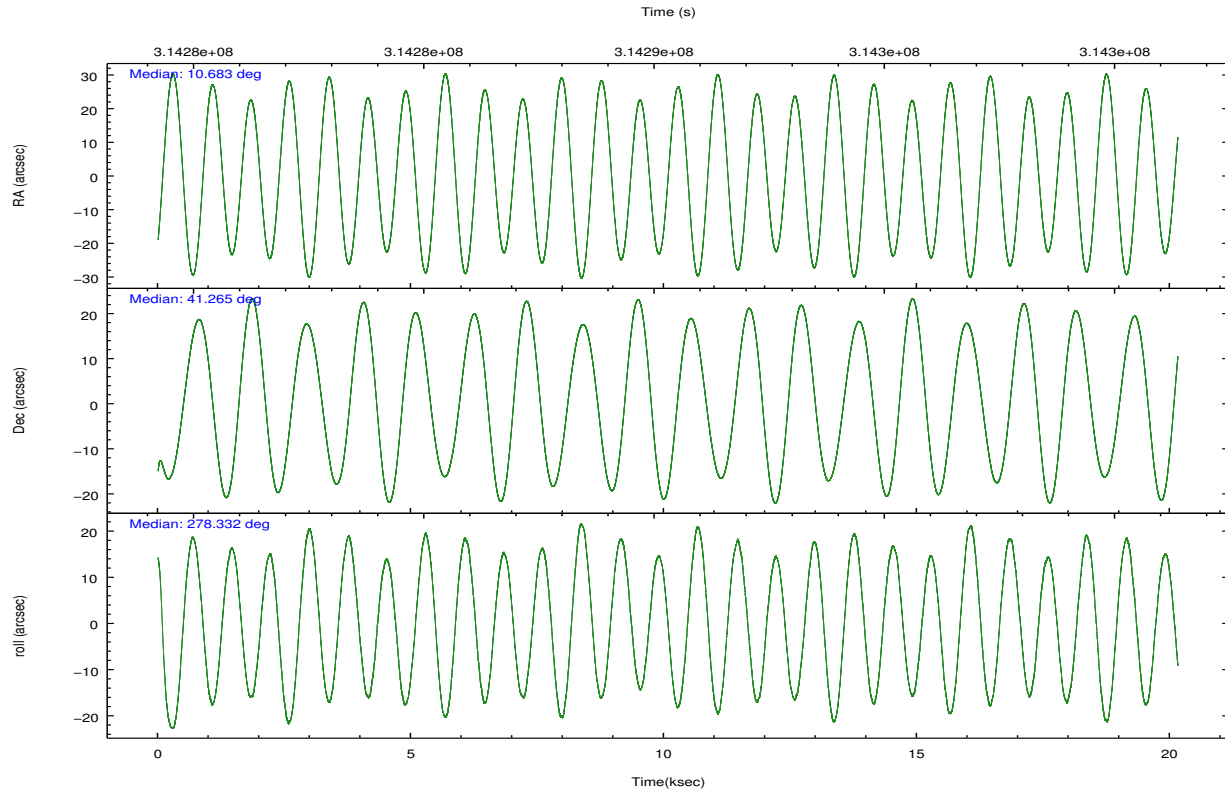
	segment 0
level 1 events	2057382
rejected events	78871
rejected %	3%

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	10.660196	10.68330434595052			
[deg] Pointing Dec	41.286102	41.26506630557981			
[deg] Pointing Roll	278.443705	278.3329713328192			
[s] Window start time (MET)	314236865.184000	314236865.184000			
[s] Window stop time (MET)	314496005.184000	314496005.184000			
[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)	314280396.184000	314279389.05474			
Observation start date	2007-12-17T12:05:31	2007-12-17T11:49:49			
[s] Observation end time (MET)	314300396.184000	314301183.6308			
Observation end date	2007-12-17T17:38:51	2007-12-17T17:53:03			

2.3 Aspect



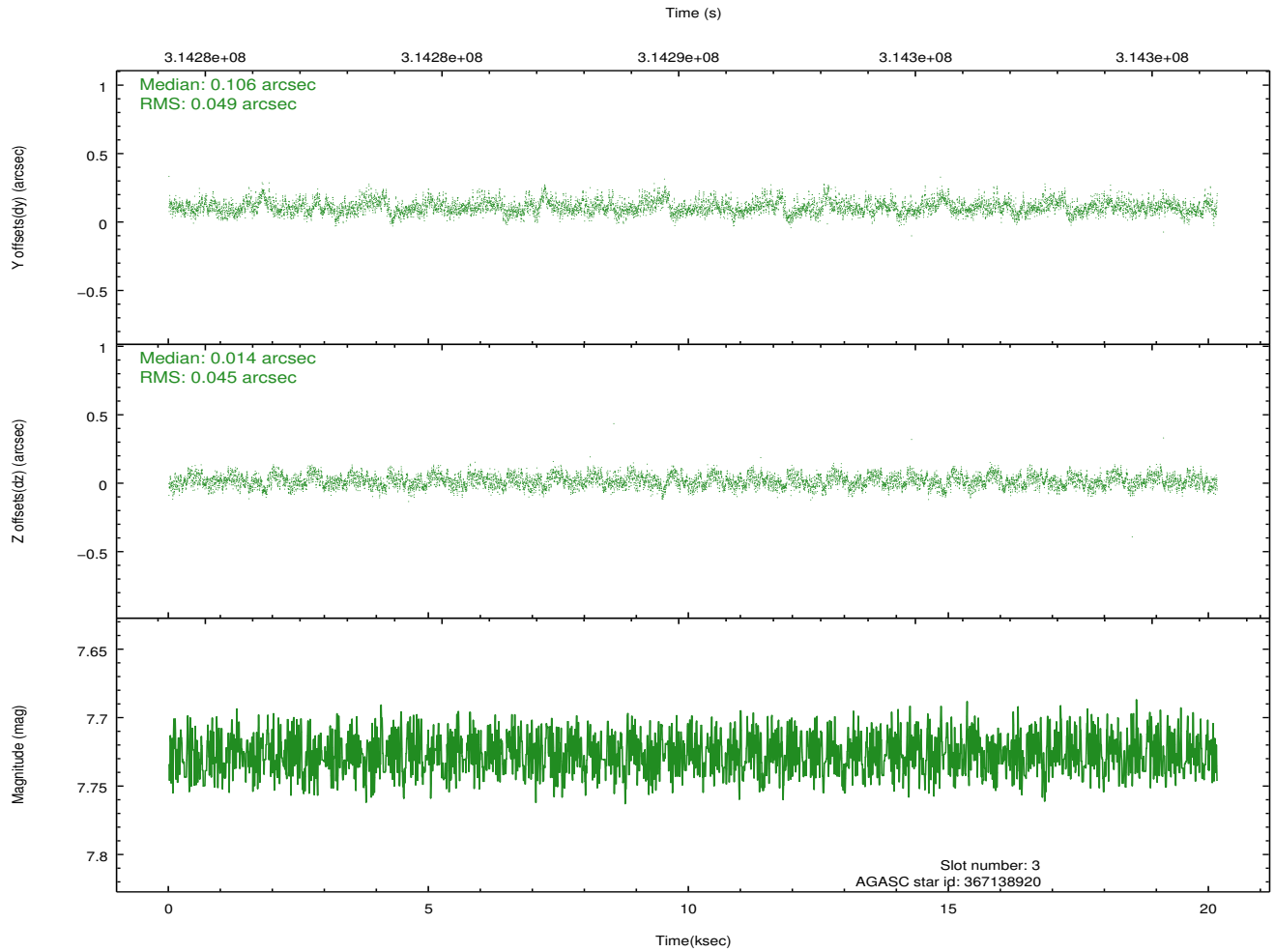
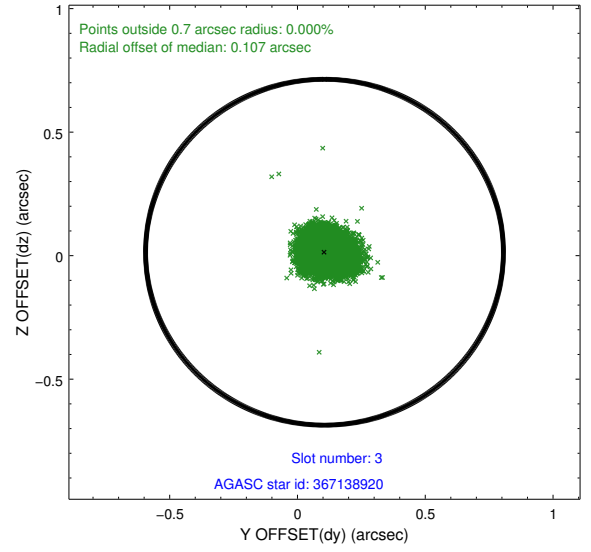
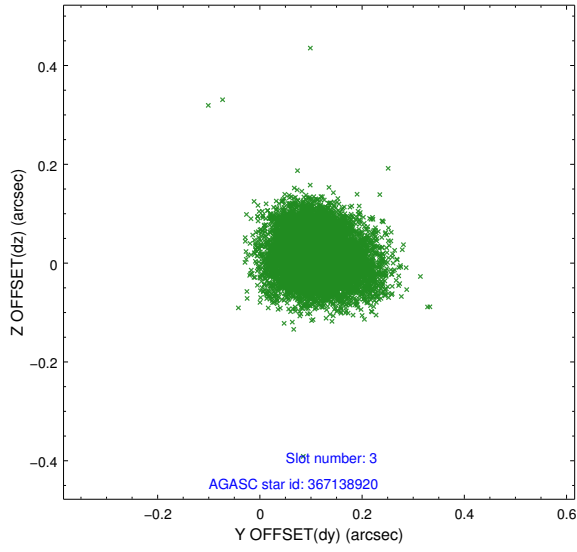


Slot Statistics

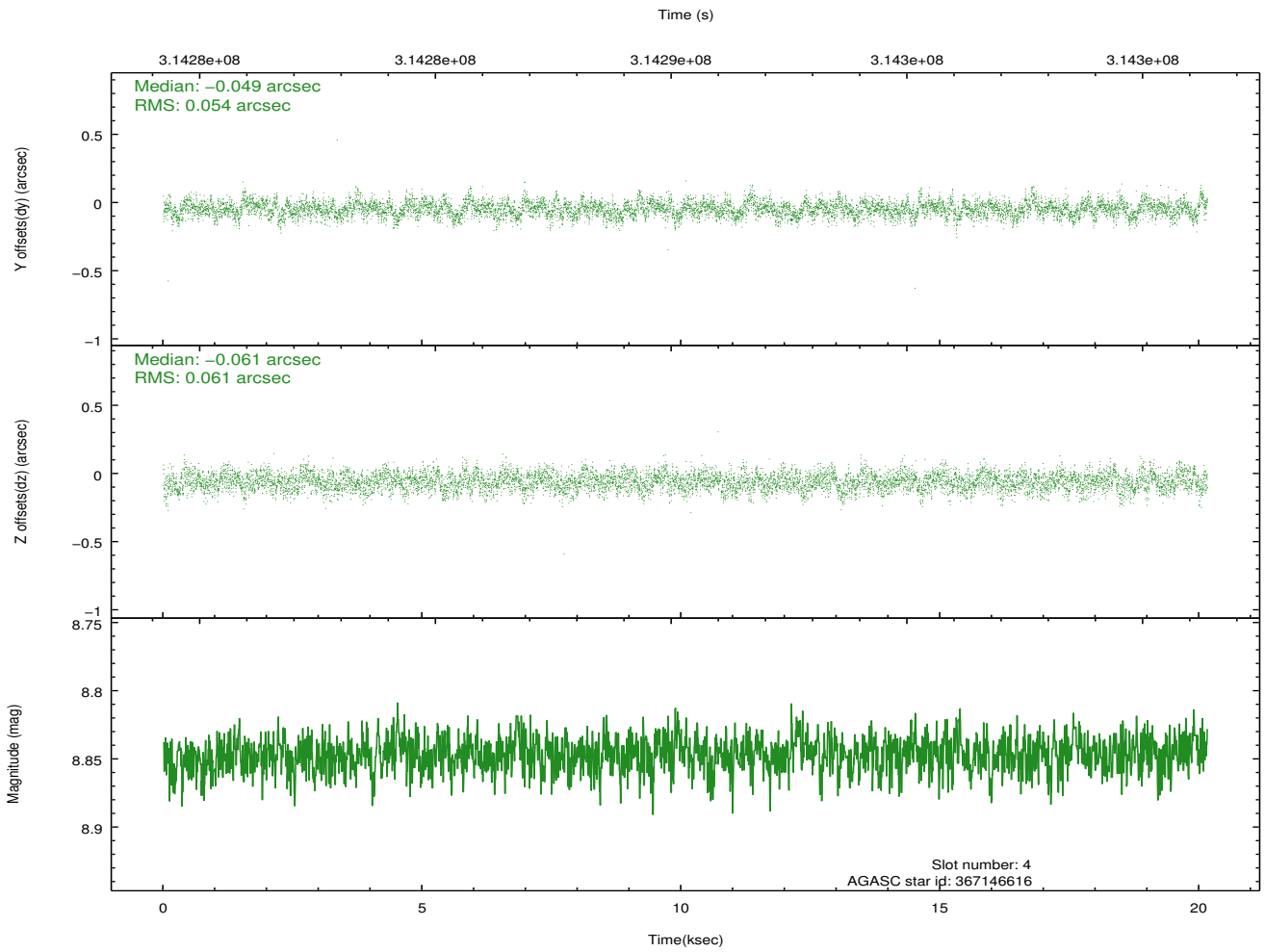
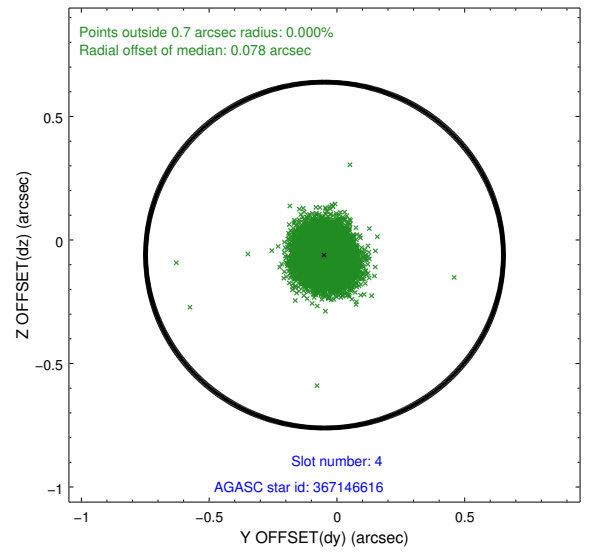
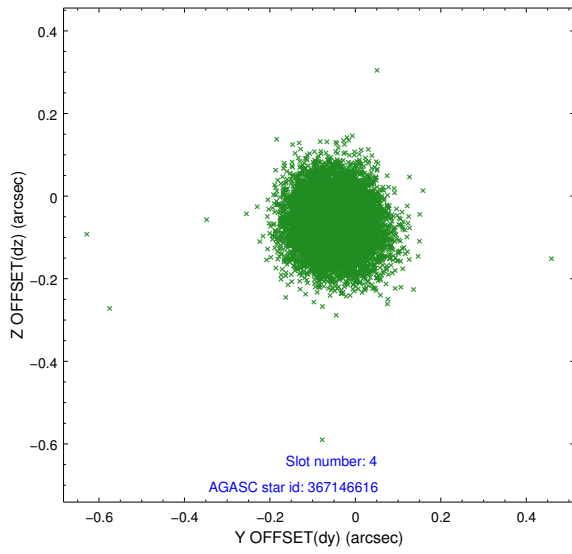
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	4917	-0.060	0.026	0.014	0.021	0.000000	0.000000	-769.83	-1300.26
1	FID	HRC-I-2	7.01	4916	0.228	-0.144	0.013	0.027	0.000000	0.000000	842.93	-1302.25
2	FID	HRC-I-3	7.07	4917	-0.050	0.026	0.011	0.019	0.000000	0.000000	-1198.15	1004.04
3	GUIDE	367138920	7.73	9832	0.106	0.014	0.071	0.115	11.513485	40.808909	2029.91	2050.15
4	GUIDE	367146616	8.85	9826	-0.049	-0.061	0.086	0.138	11.418645	41.190163	634.41	1983.31
5	GUIDE	367148872	7.23	9833	0.043	0.038	0.070	0.112	10.505940	40.688258	2067.13	-732.29
6	GUIDE	367663272	9.28	9818	-0.114	-0.049	0.114	0.205	10.656279	41.699429	-1473.30	207.35
7	GUIDE	367674552	8.85	9825	0.019	0.057	0.078	0.127	11.016238	41.570845	-875.38	1099.61

2.4 Star Slots

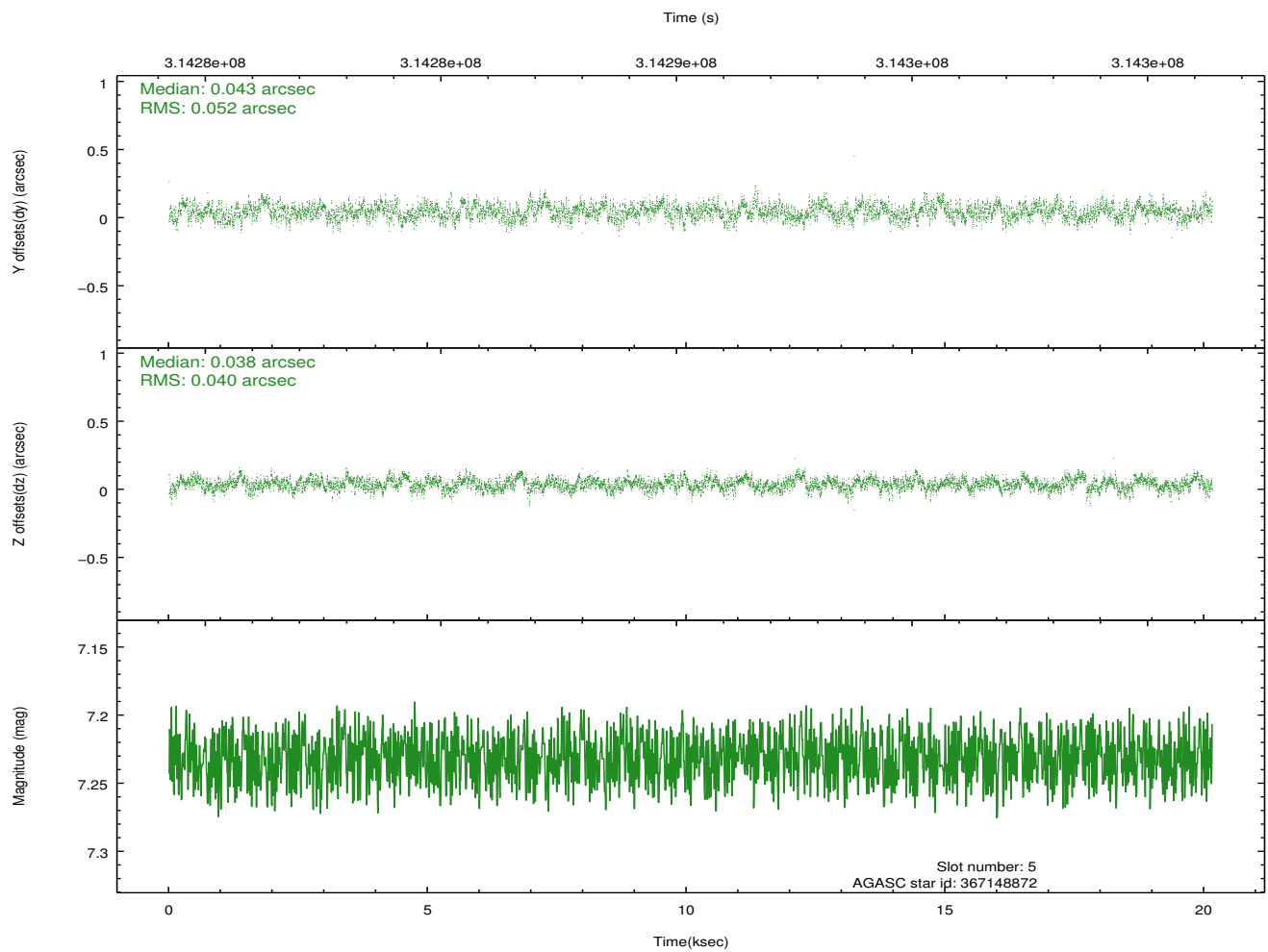
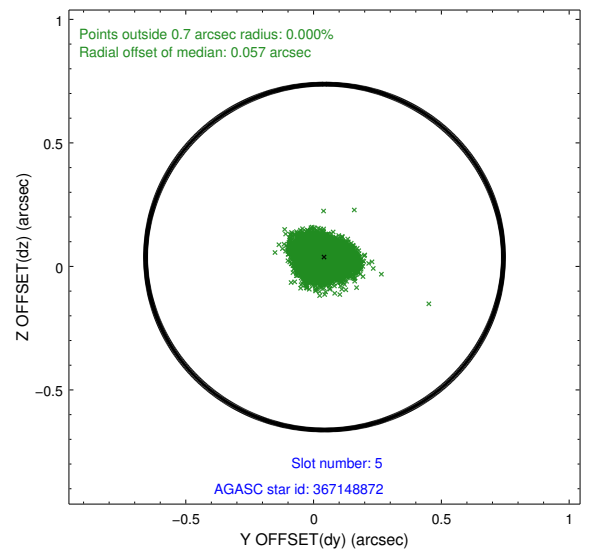
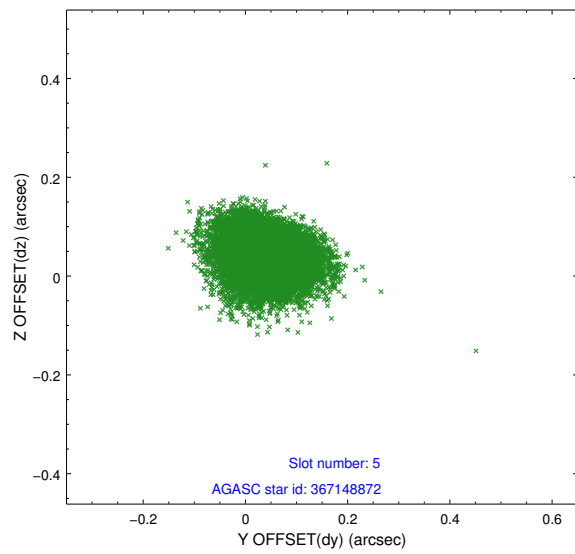
2.4.1 Slot 3



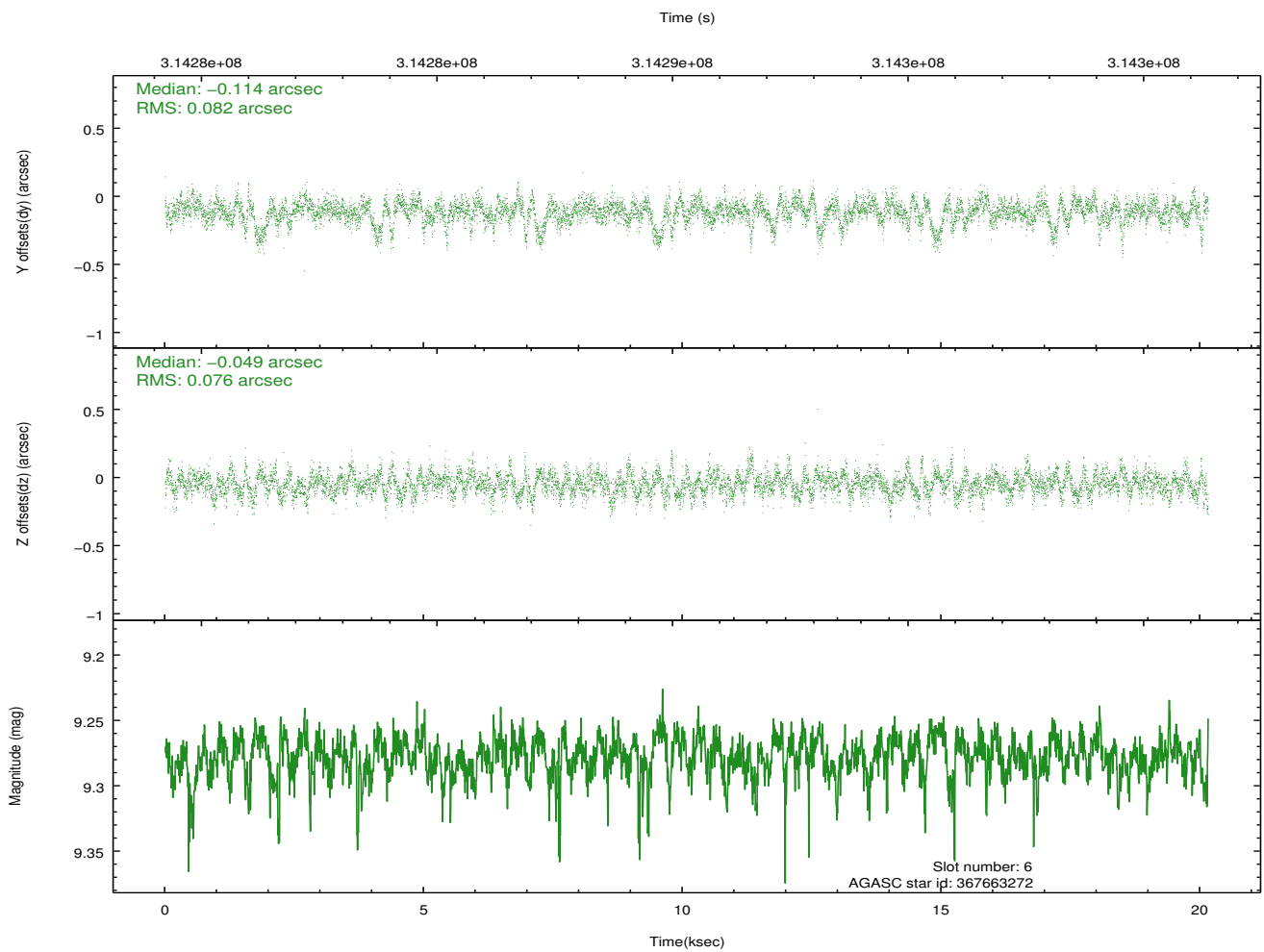
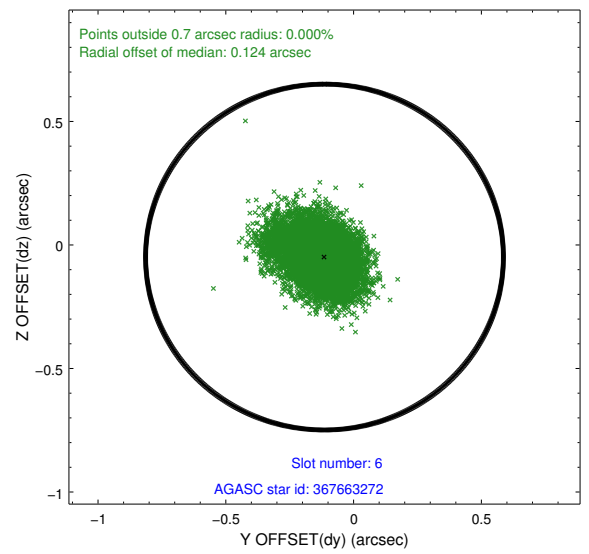
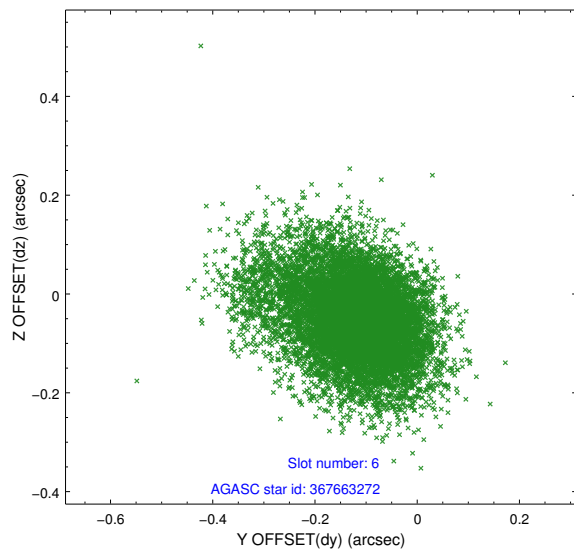
2.4.2 Slot 4



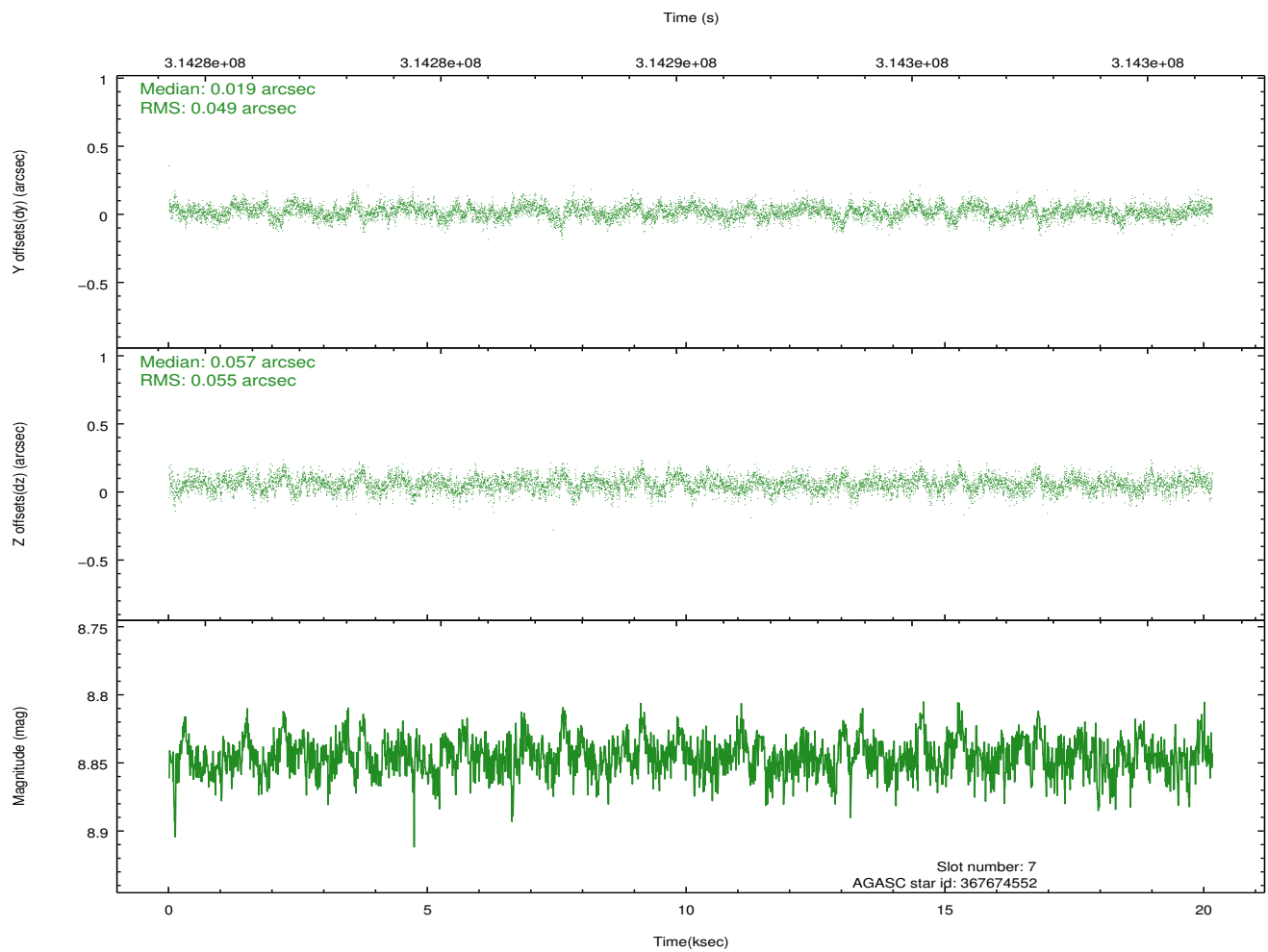
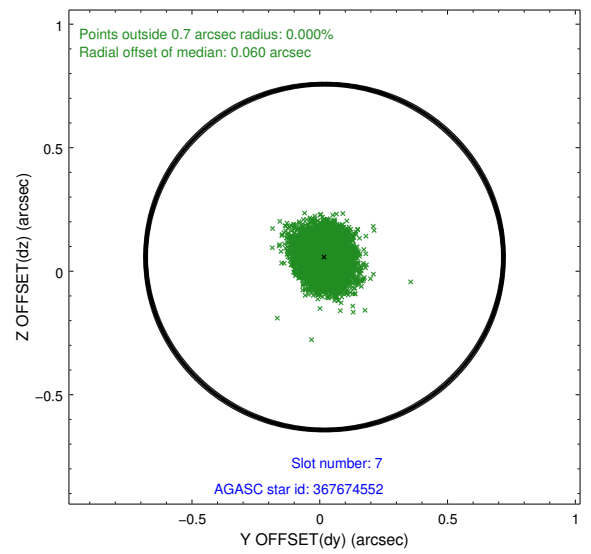
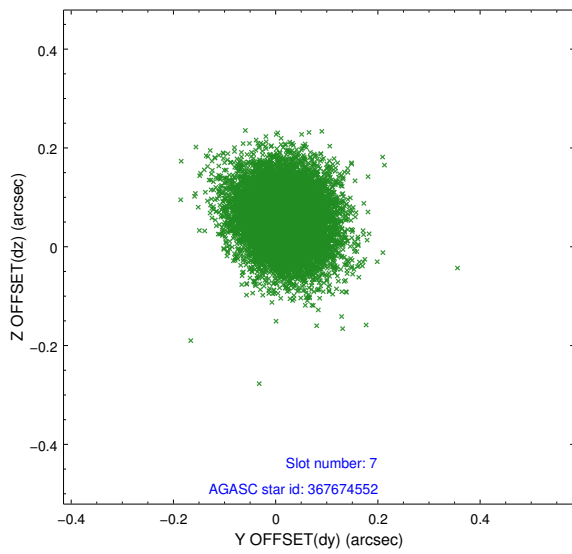
2.4.3 Slot 5



2.4.4 Slot 6

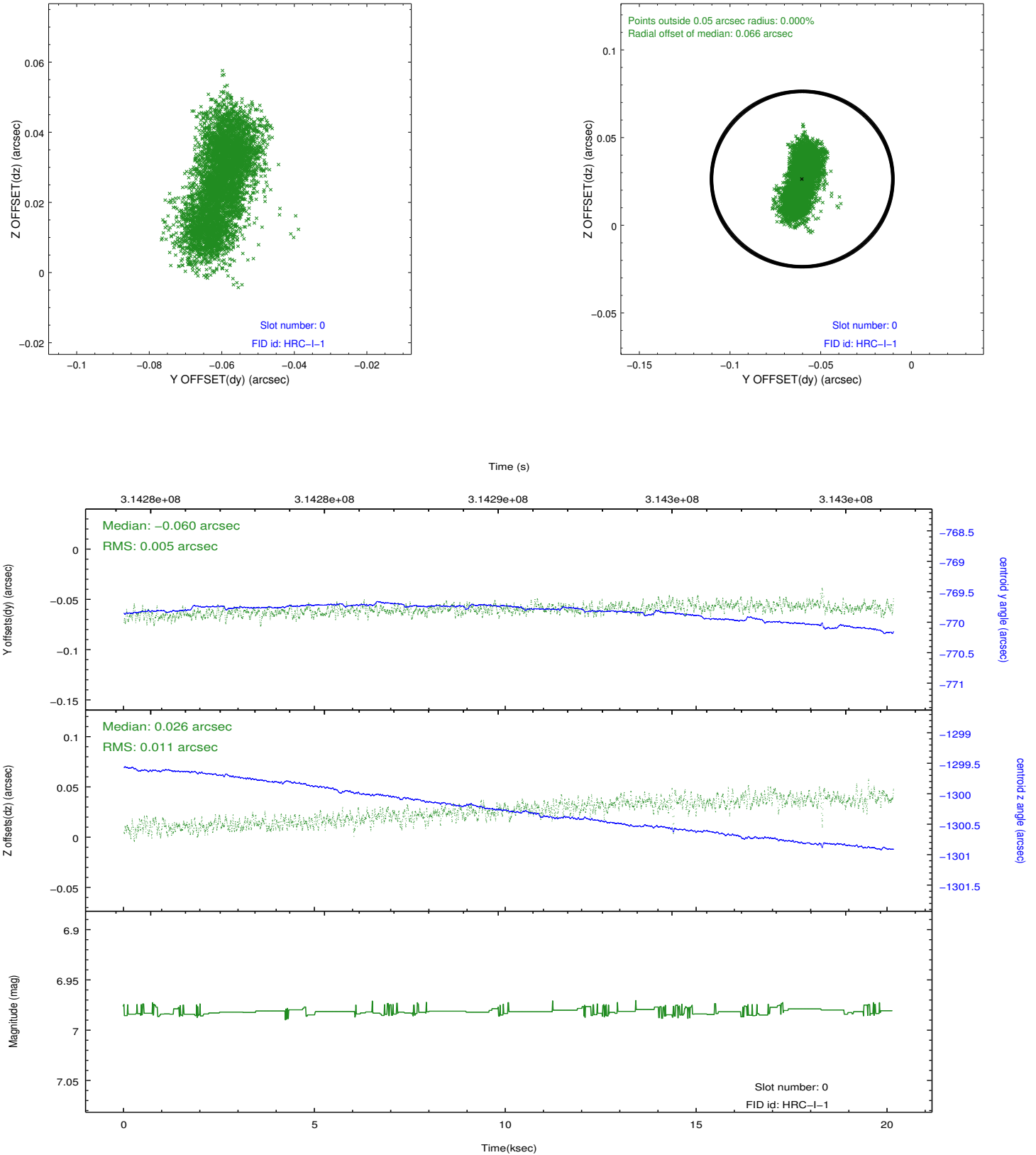


2.4.5 Slot 7

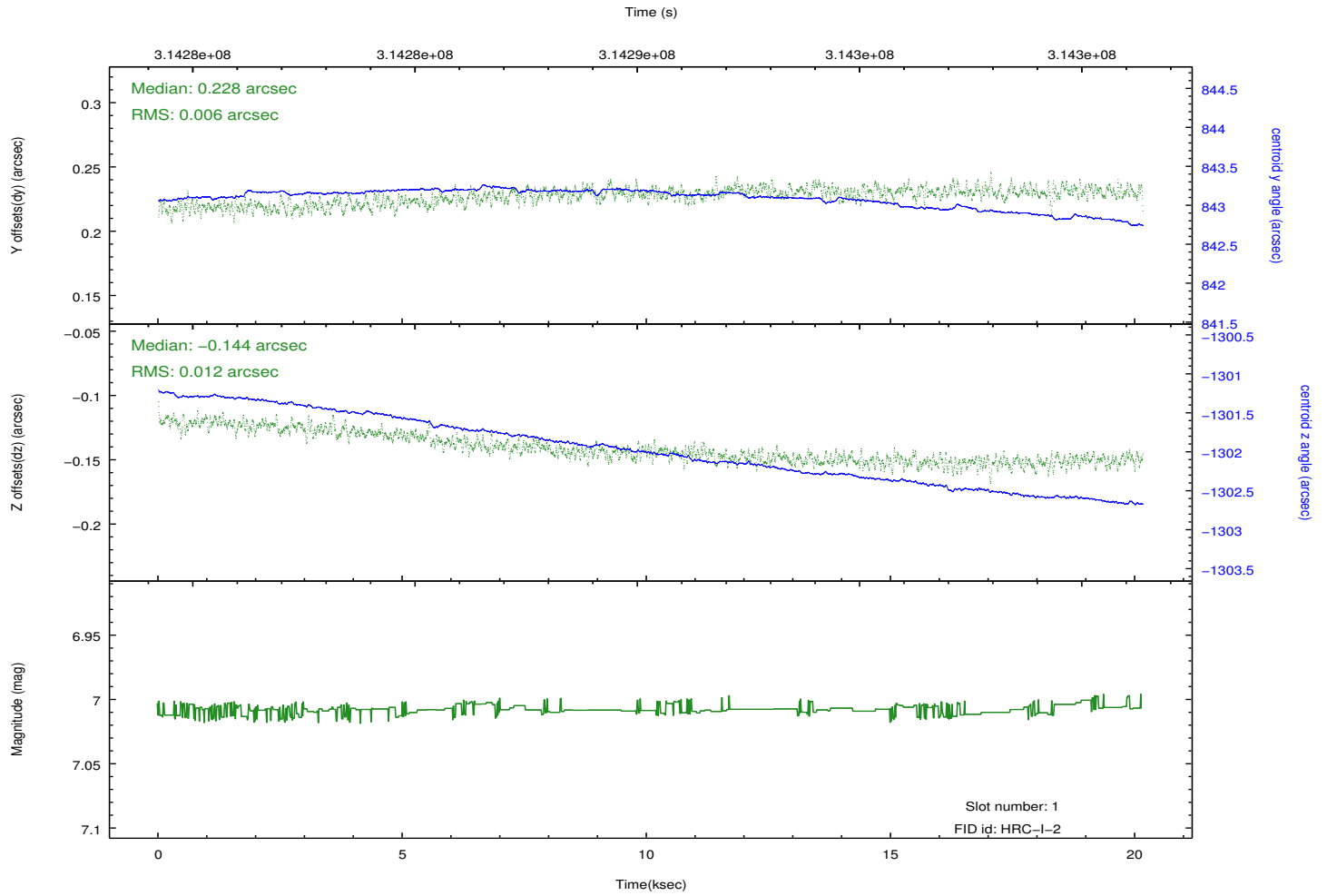
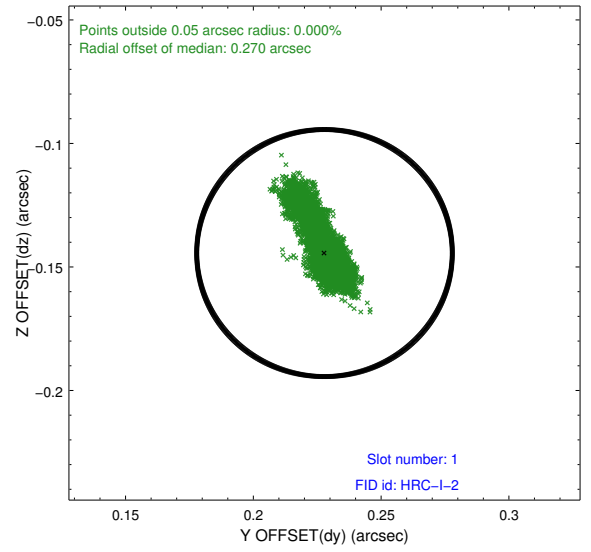
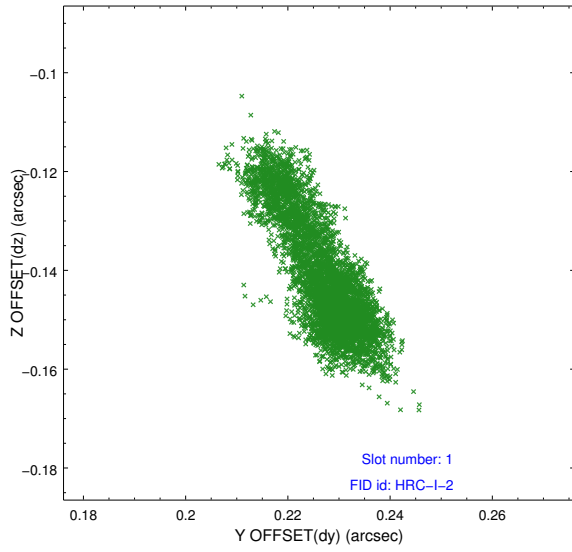


2.5 FID Slots

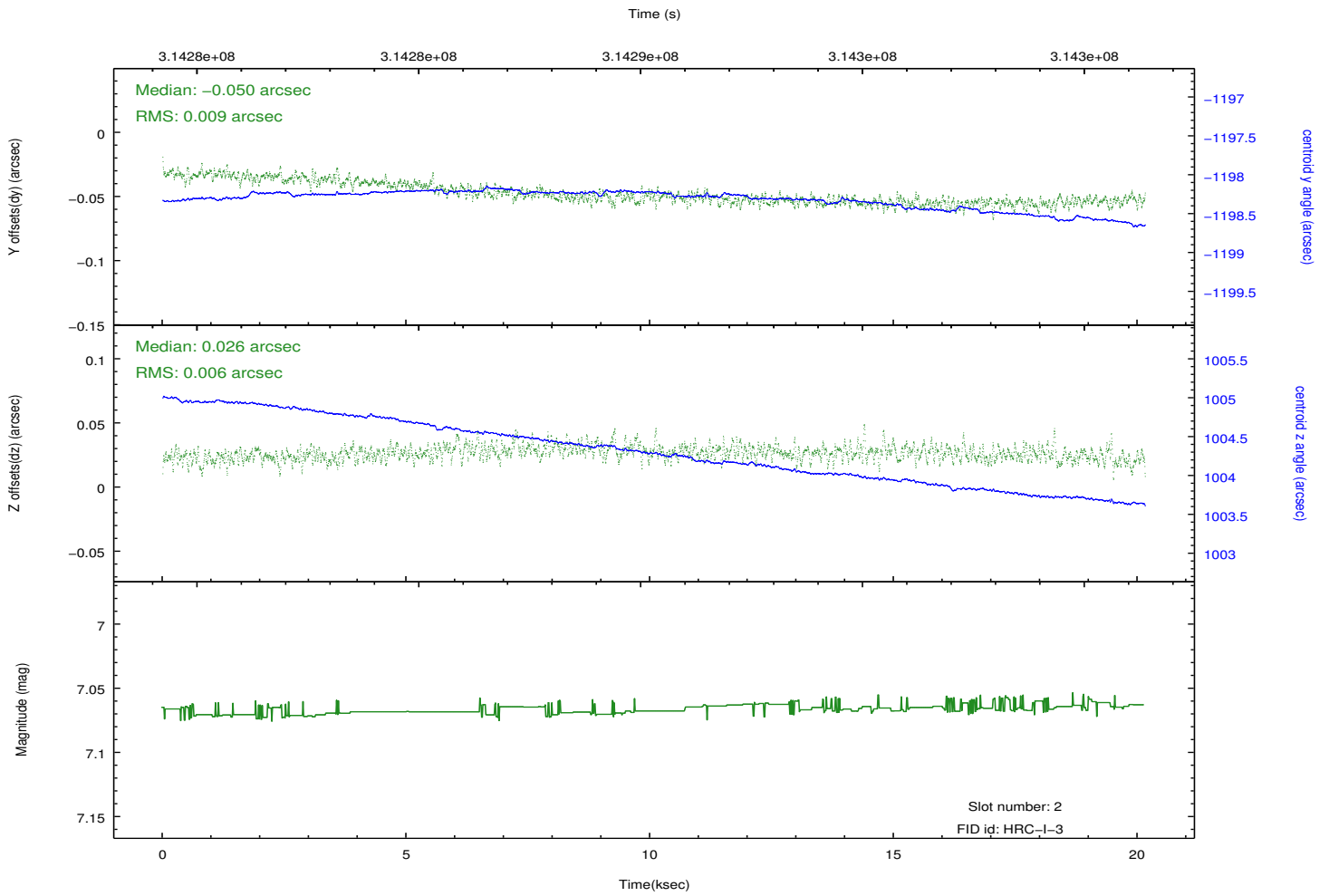
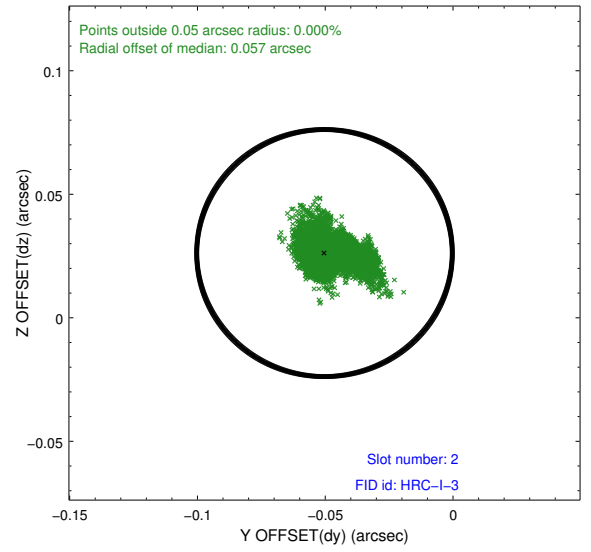
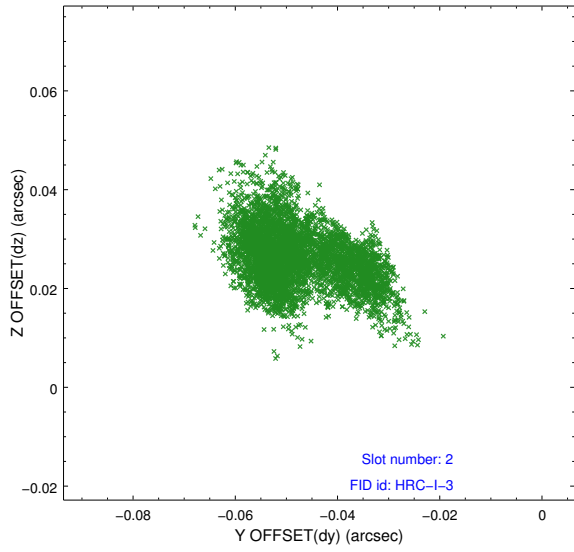
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.1568822

A.2 Comments

Joint proposal with XMM. Window preference met.