

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 18608 - L2 Version 1
Chandra X-Ray Center

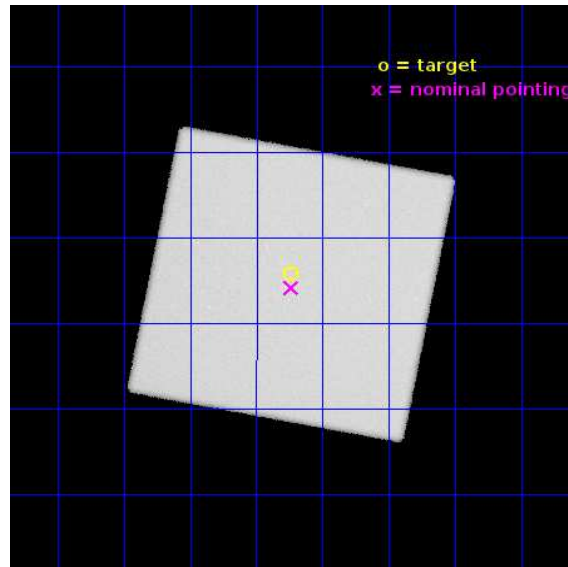
L2 Processing Date : May 25 2016

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1 Front

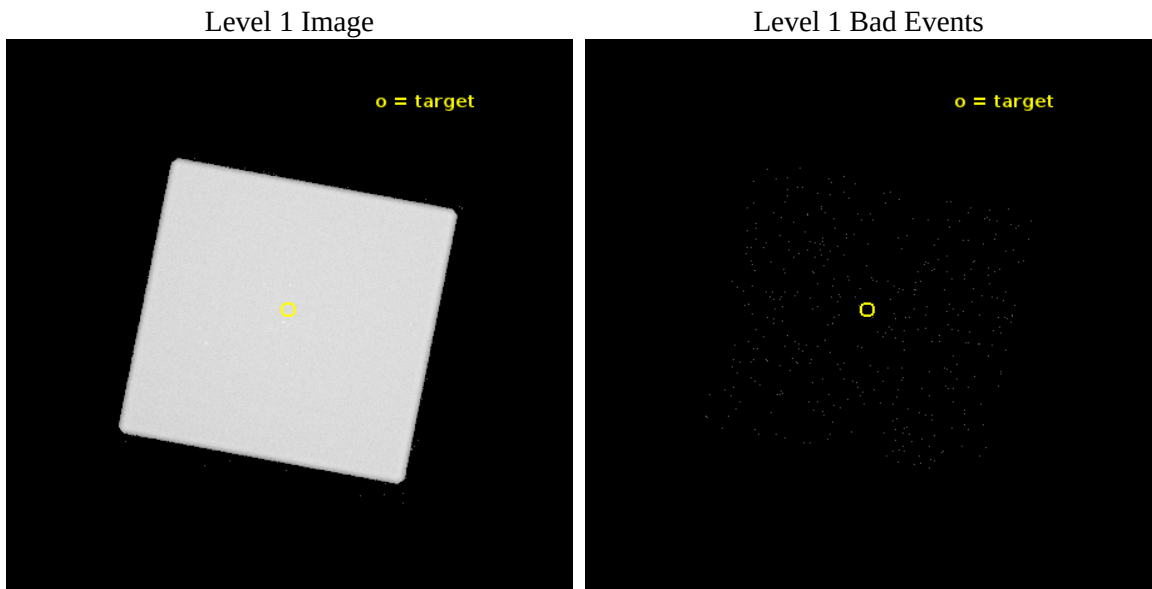
seq_num	100159	Sequence number
obs_id	18608	Observation id
title	The dynamic interaction of the Jovian magnetosphere with the Solar wind	Proposal title
observer	Ralph Kraft	Principal investigator
object	Jupiter	Source name
ra_targ	165.1851	Observer's specified target RA [deg]
dec_targ	7.763232	Observer's specified target Dec [deg]
ra_nom	165.18381294404	Nominal RA [deg]
dec_nom	7.7359599462493	Nominal Dec [deg]
roll_nom	235.90499029546	Nominal Roll [deg]
revision	1	Processing version of data
ontime	40168.98354888	[s]
livetime	39743.977695941	Ontime multiplied by DTCOR
l2events	3498628	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	40000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3.1	Processing system revision	ontime	40168.98354888	[s]
caldbver	4.7.1	 	l1events	4772365	Number of level 1 events
date	2016-05-25T04:44:53	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

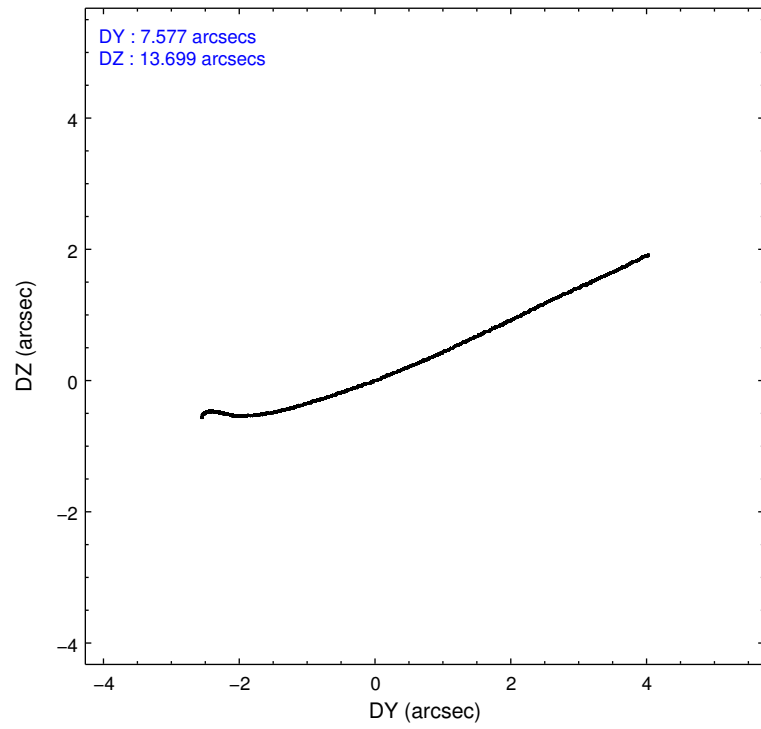
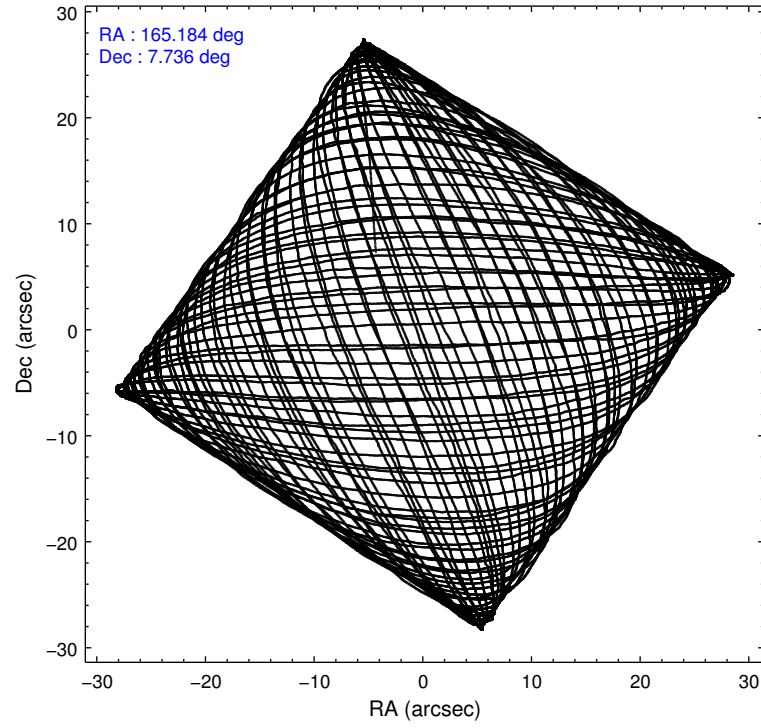
Level 1 Events

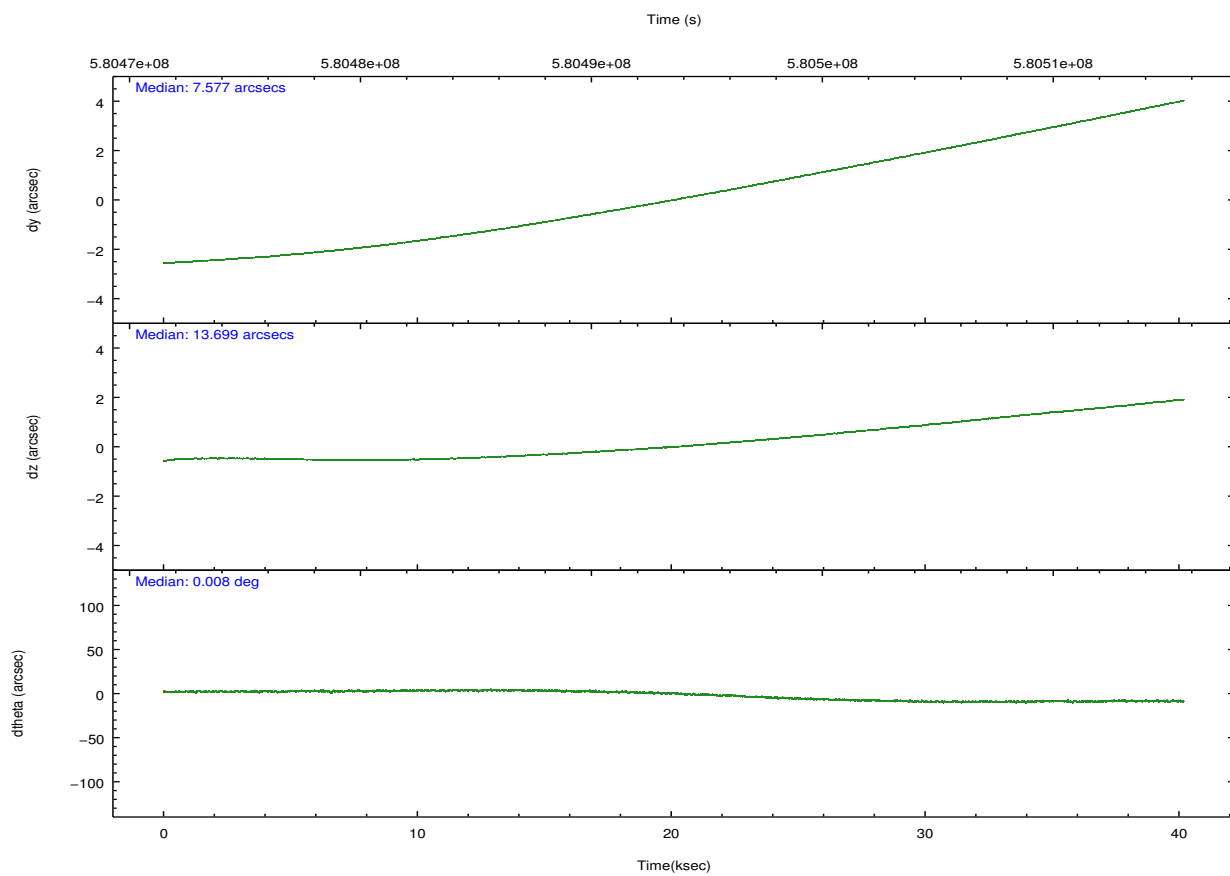
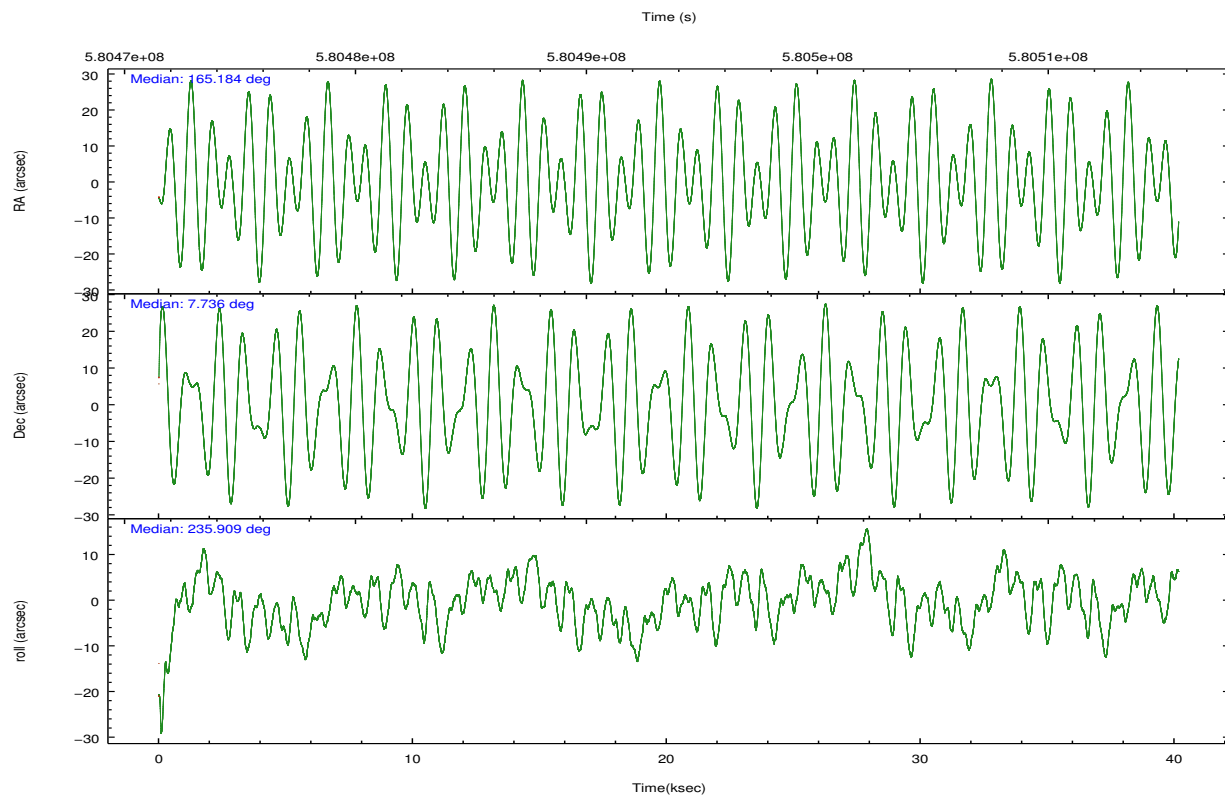
	segment 0
level 1 events	4772365
rejected events	110360
rejected %	2%

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	165.185185	165.1838129440396			
[deg] Pointing Dec	7.763233	7.735959946249277			
[deg] Pointing Roll	236.000298	235.9049902954626			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	580473658.184000	580472586.71182			
Observation start date	2016-05-24T10:39:50	2016-05-24T10:23:06			
[s] Observation end time (MET)	580513658.184000	580514722.92673			
Observation end date	2016-05-24T21:46:30	2016-05-24T22:05:22			

2.3 Aspect



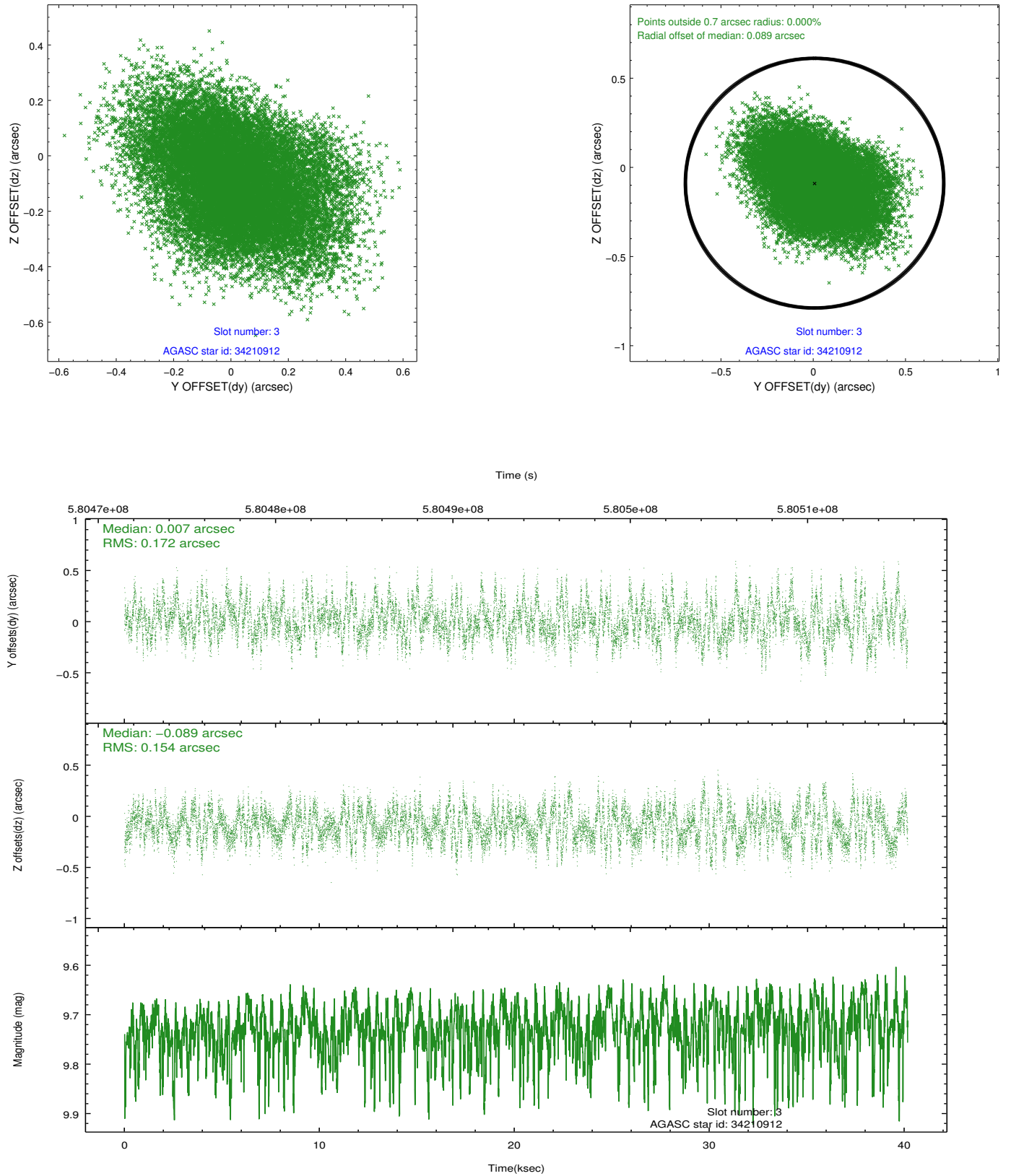


Slot Statistics

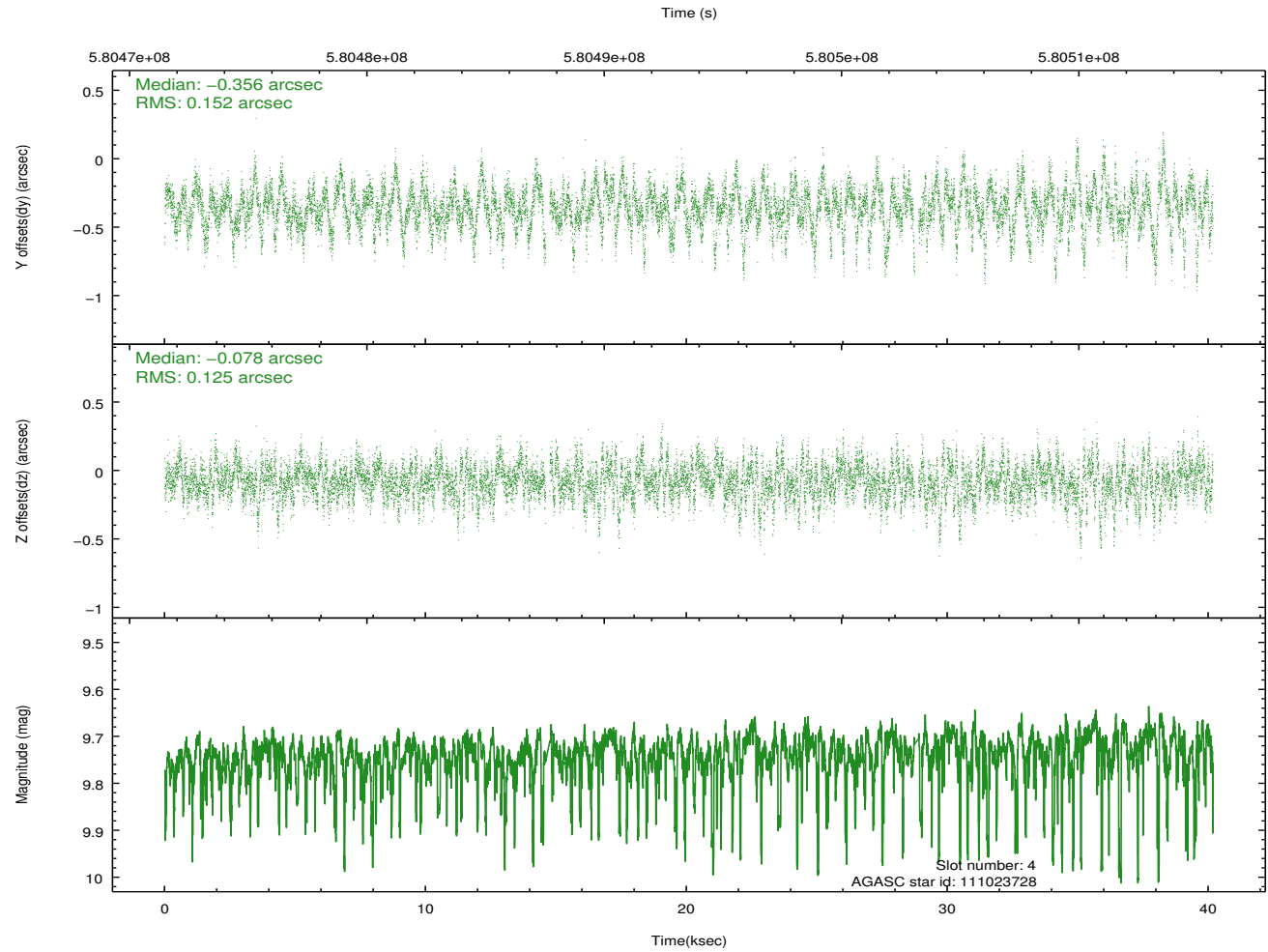
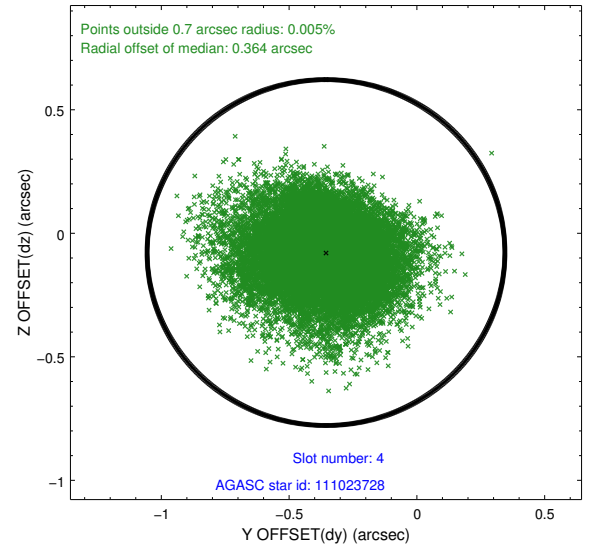
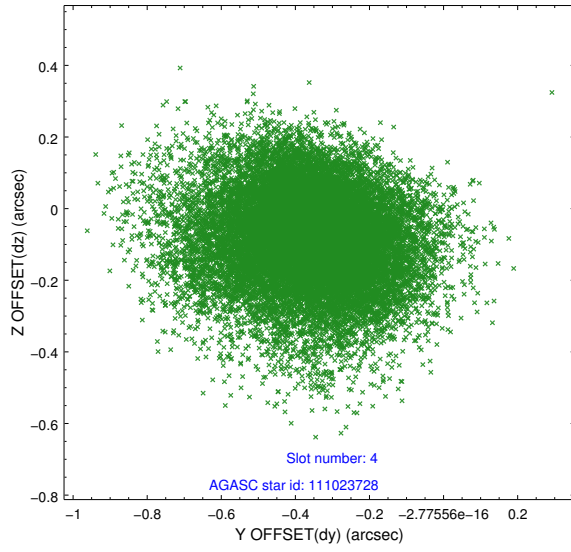
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.99	9797	-0.072	0.023	0.042	0.090	0.000000	0.000000	-763.47	-1301.94
1	FID		HRC-I-2	7.01	9798	0.268	-0.159	0.039	0.062	0.000000	0.000000	849.44	-1303.79
2	FID		HRC-I-3	7.08	9797	-0.064	0.050	0.033	0.051	0.000000	0.000000	-1191.88	1002.52
3	GUIDE	used	34210912	9.73	19562	0.007	-0.089	0.246	0.403	164.782668	7.416934	1836.81	-494.29
4	GUIDE	used	111023728	9.74	19410	-0.356	-0.078	0.206	0.352	165.653559	8.140477	-2059.90	624.31
5	GUIDE	used	111028824	8.80	19584	-0.064	-0.083	0.142	0.232	165.235389	7.617714	334.30	441.83
6	GUIDE	used	111024984	10.12	19543	-0.016	0.334	0.280	0.448	165.115148	8.538905	-2175.45	-1767.32
7	GUIDE	used	34213728	9.20	19581	0.422	-0.094	0.146	0.251	164.400930	7.493104	2370.23	-1779.35

2.4 Star Slots

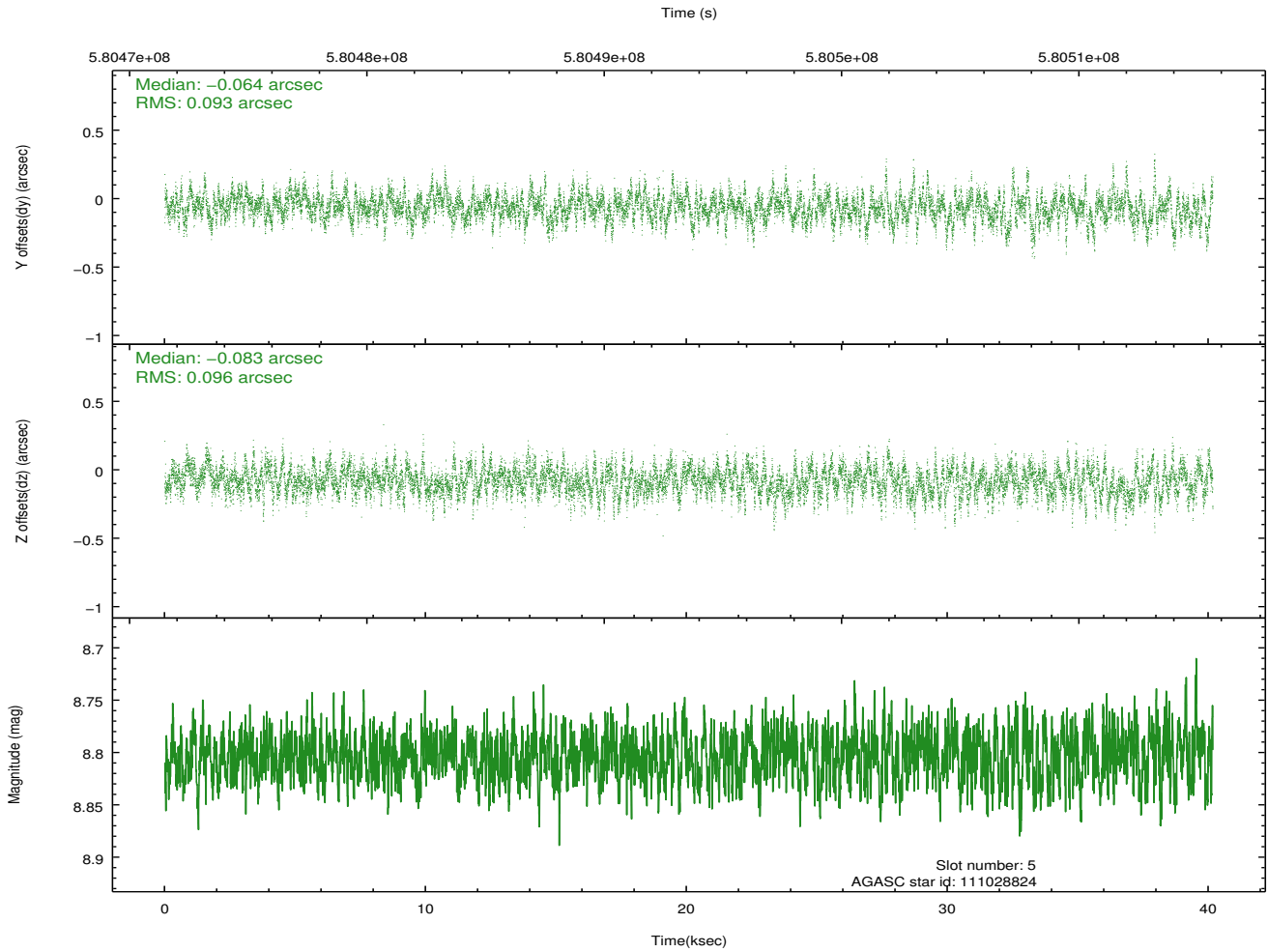
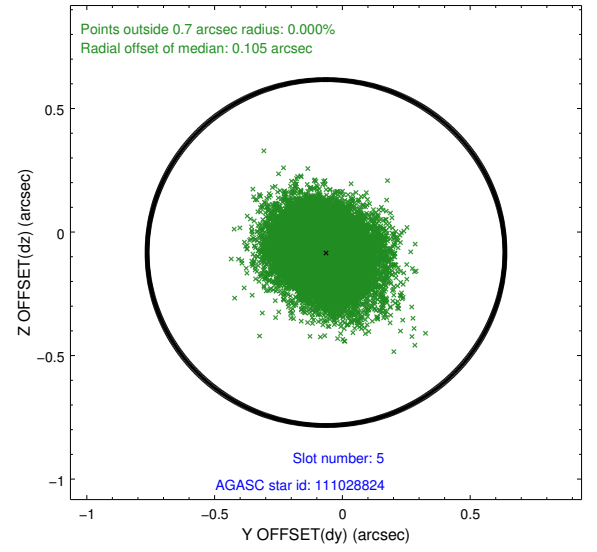
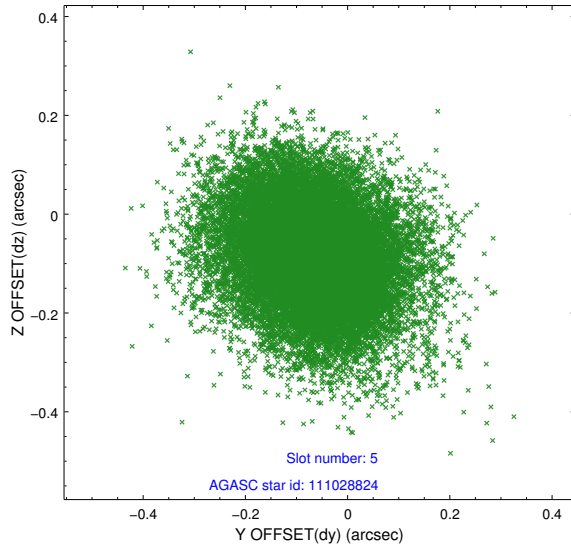
2.4.1 Slot 3



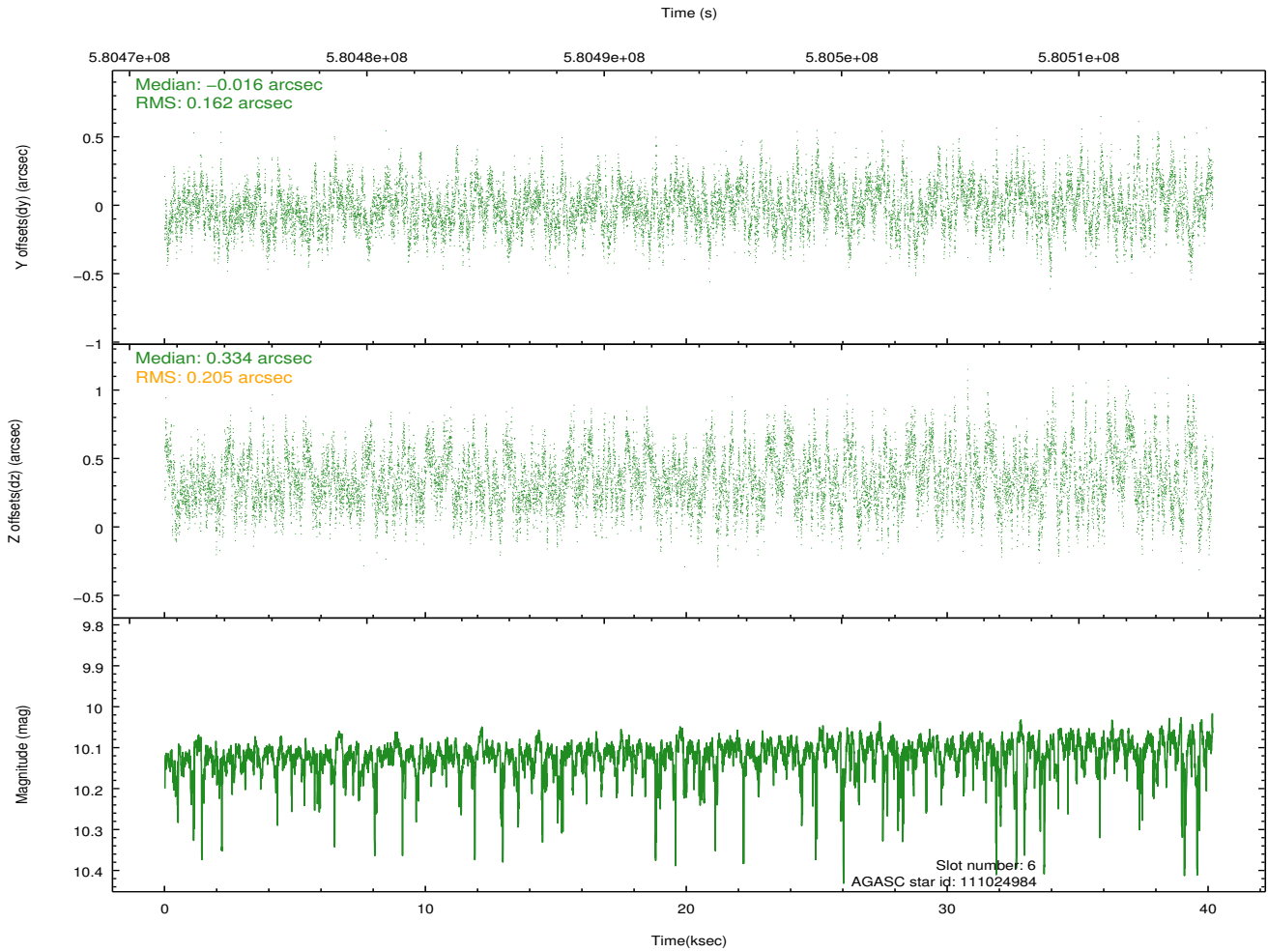
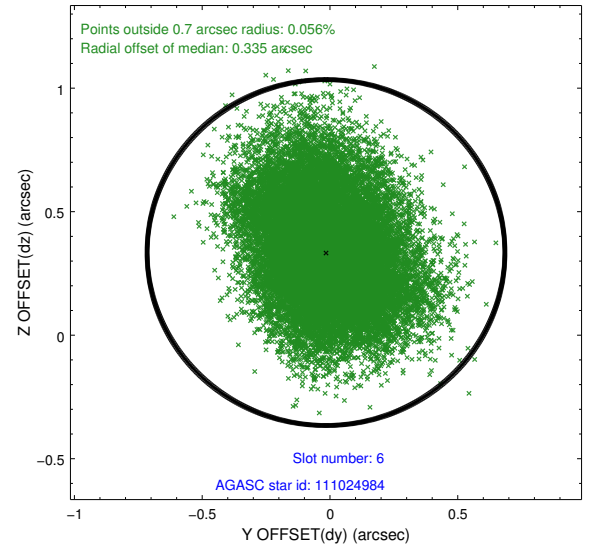
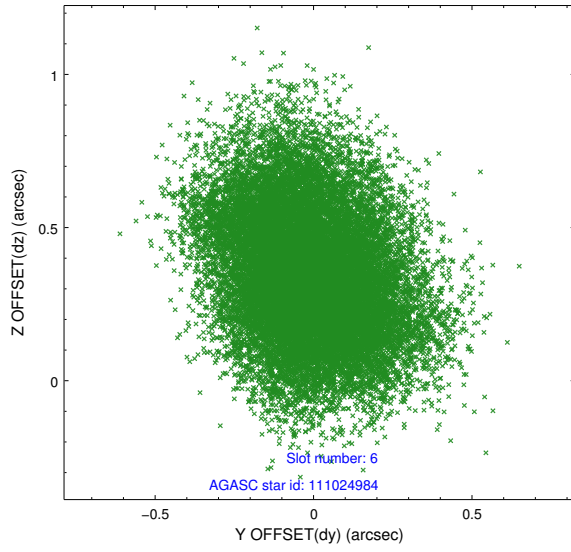
2.4.2 Slot 4



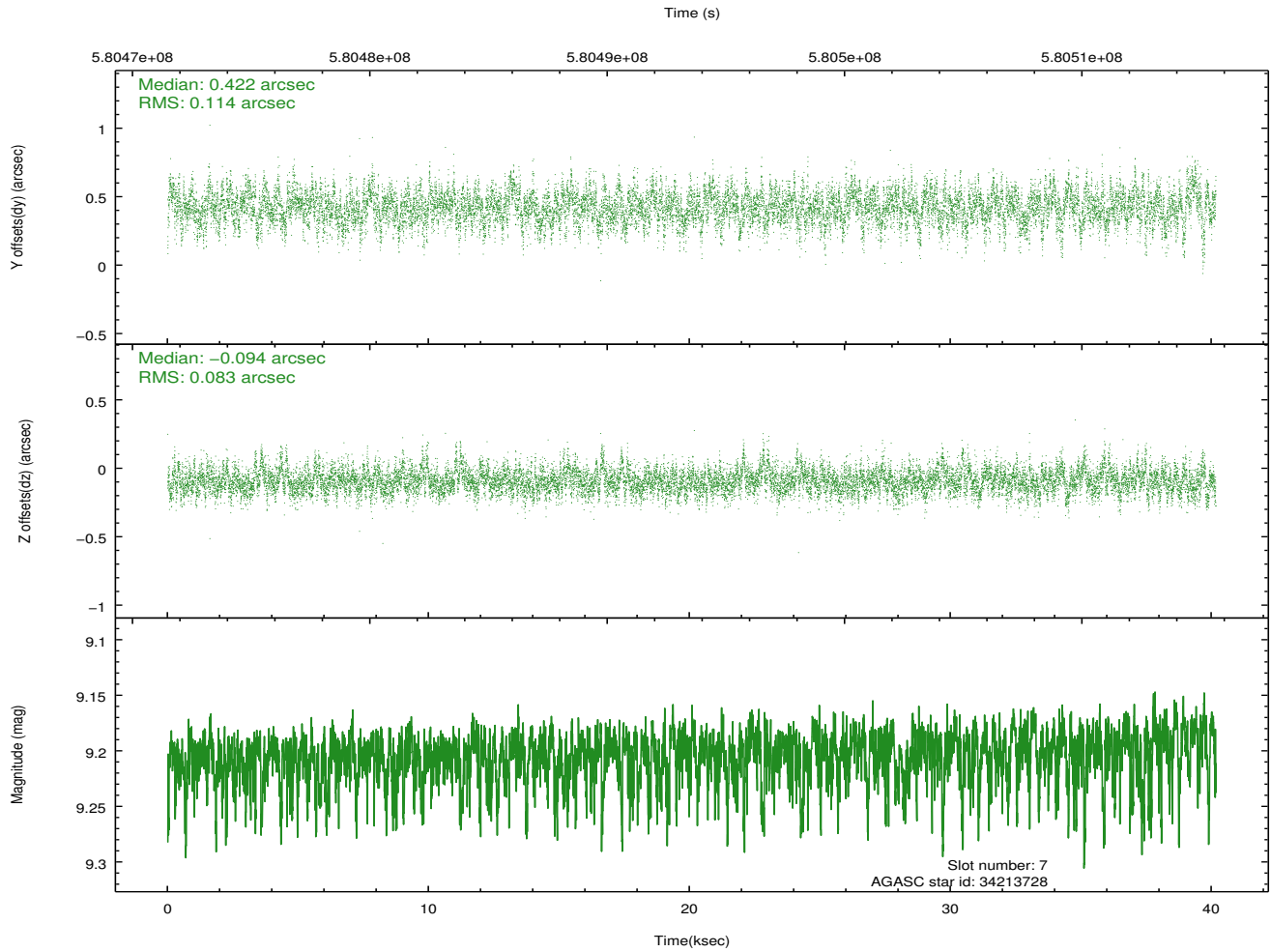
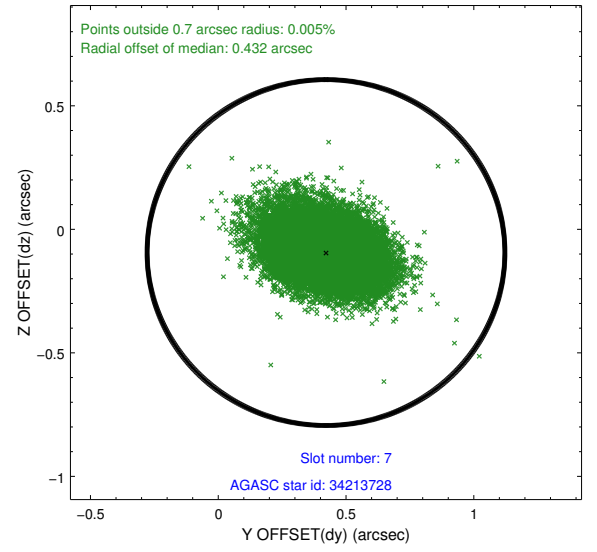
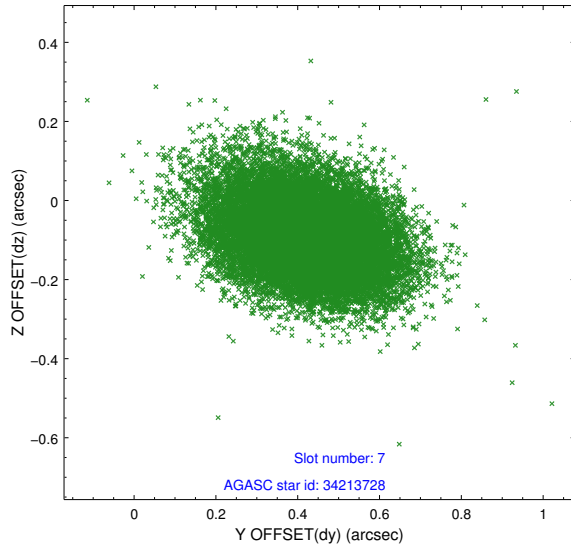
2.4.3 Slot 5



2.4.4 Slot 6

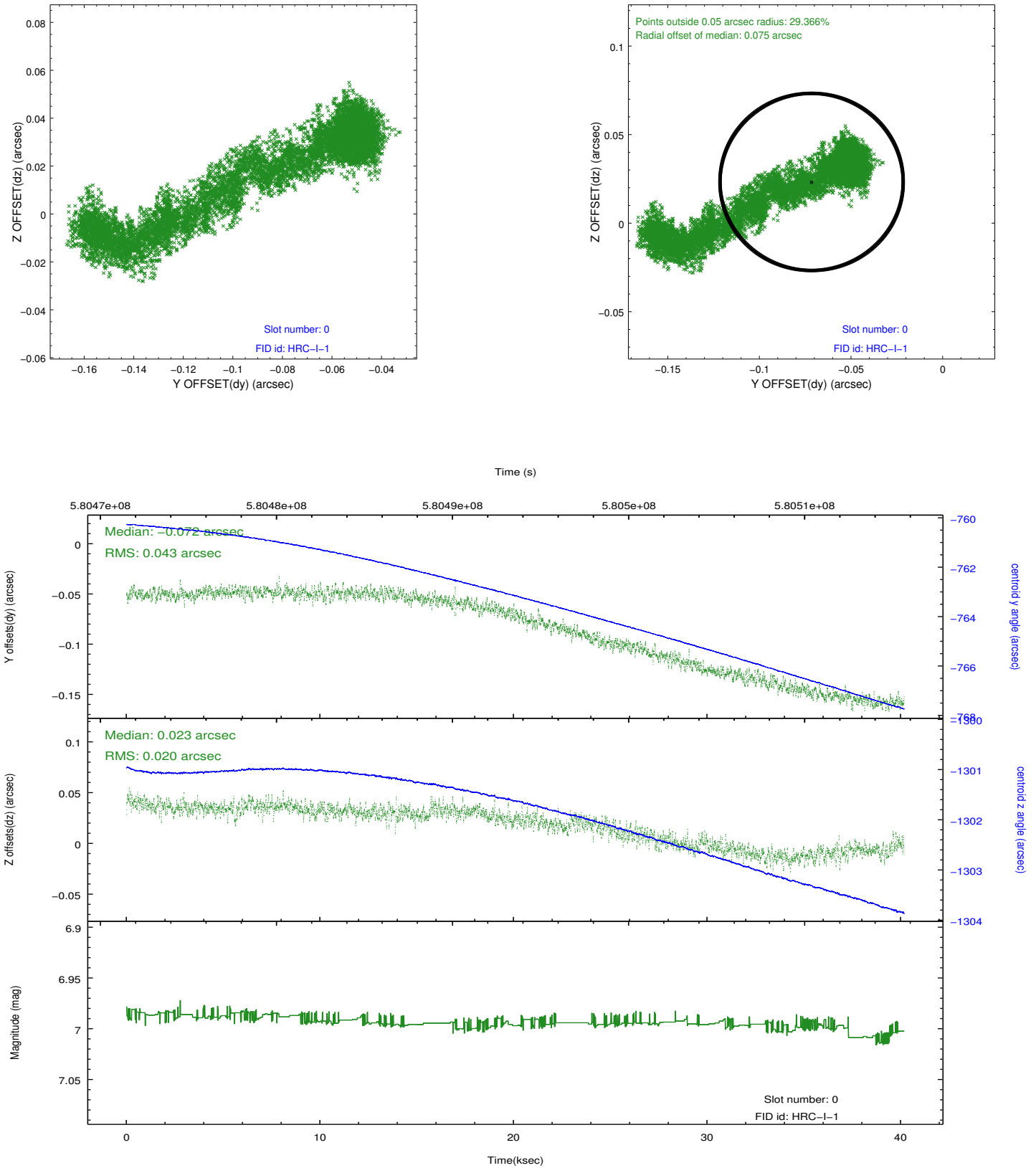


2.4.5 Slot 7

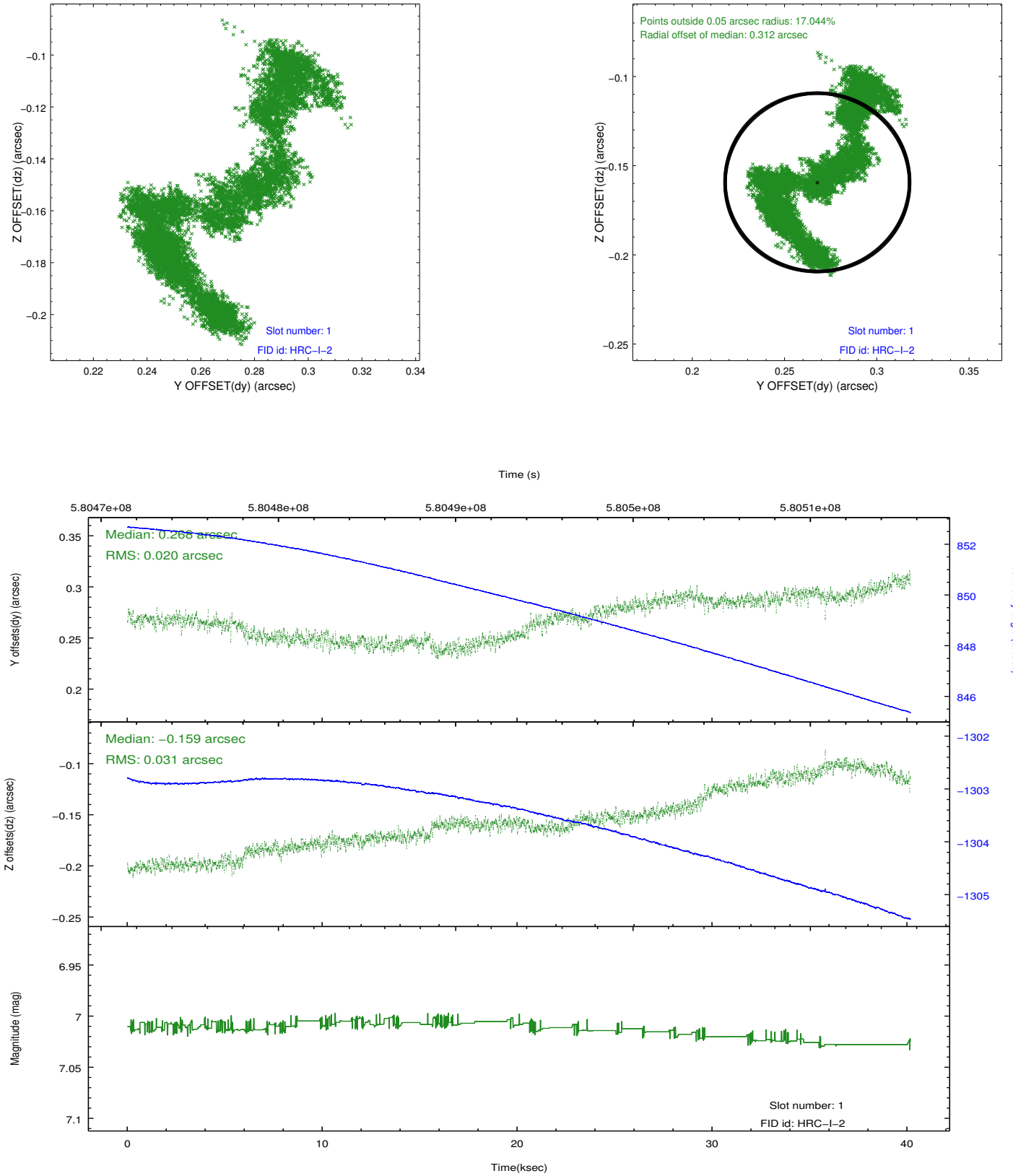


2.5 FID Slots

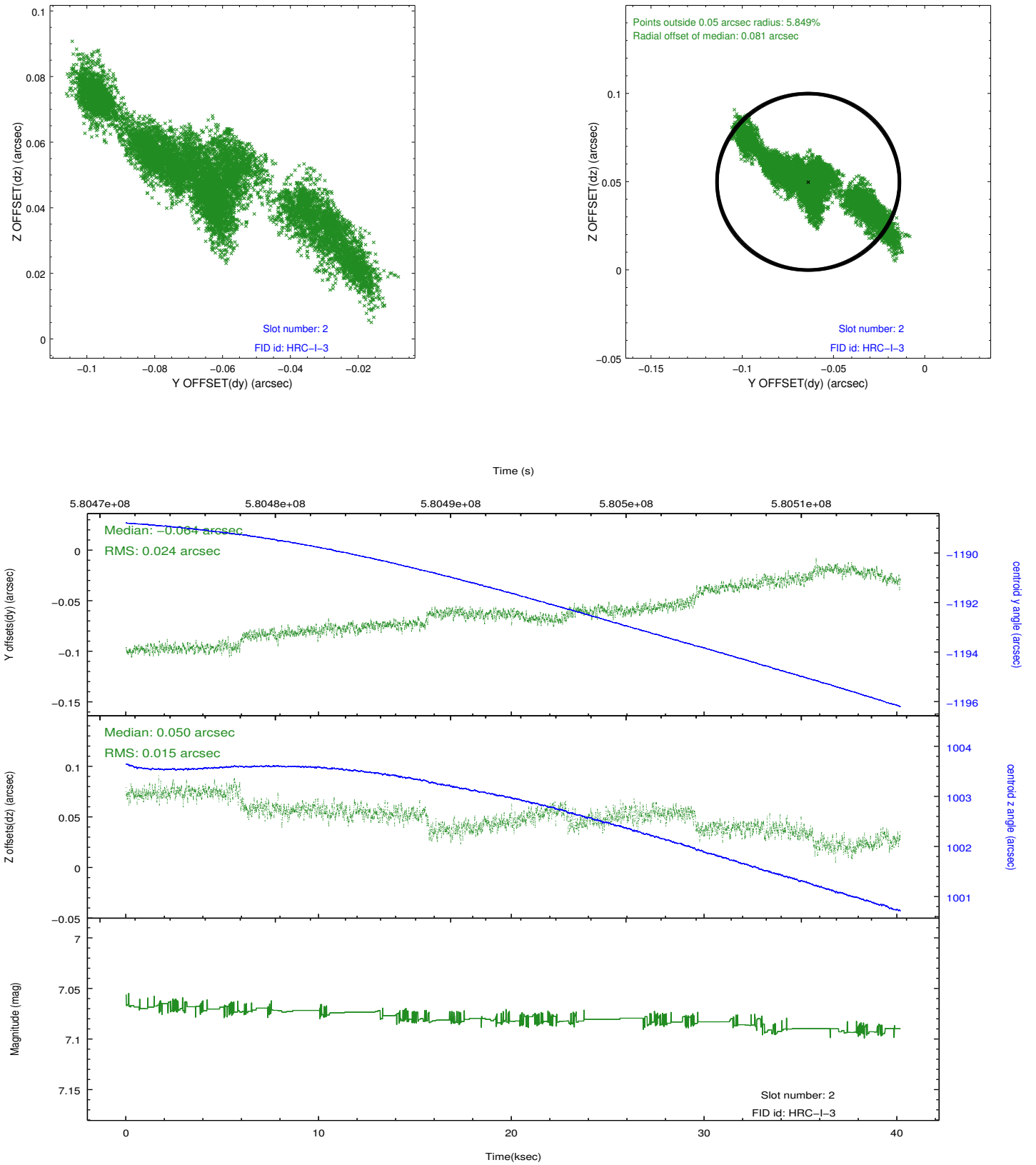
2.5.1 Slot 0



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)	2016.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.16898354888

A.2 Comments

This is a moving target. Users will need to run `sso_freeze` or similar software to position the events in the reference frame of the target.