

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 18609 - L2 Version 1
Chandra X-Ray Center

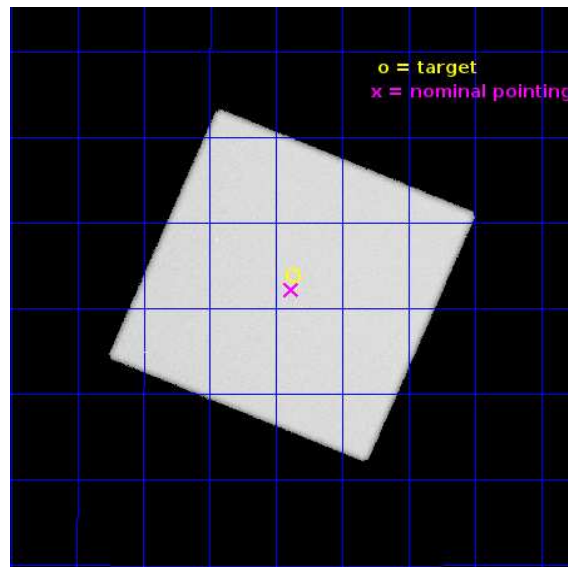
L2 Processing Date : Jun 2 2016

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1 Front

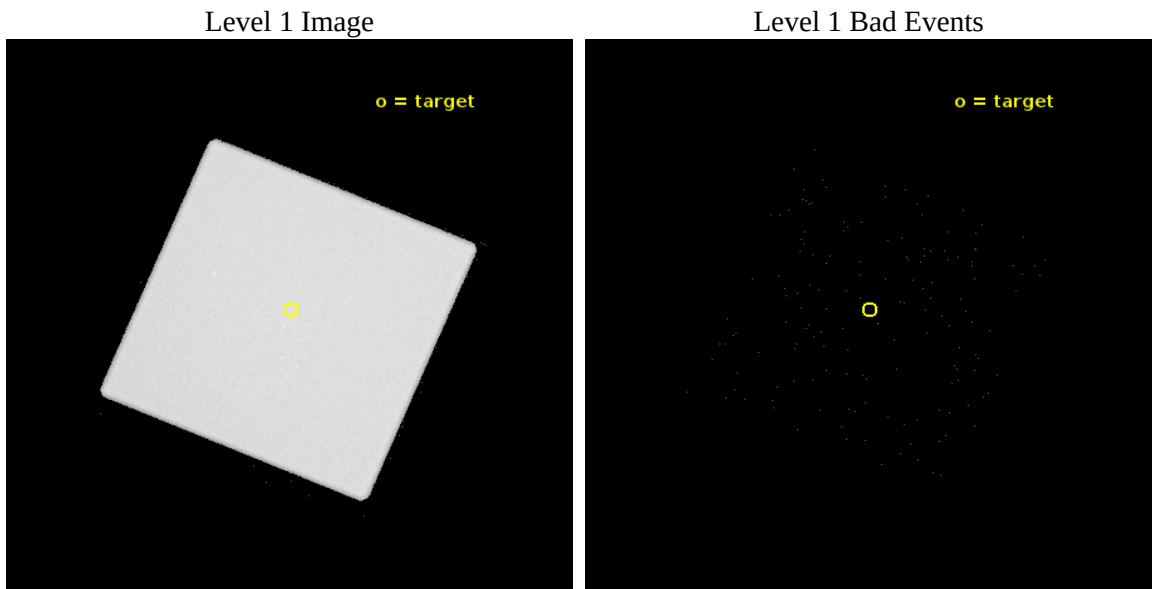
seq_num	100160	Sequence number
obs_id	18609	Observation id
title	The dynamic interaction of the Jovian magnetosphere with the Solar wind	Proposal title
observer	Ralph Kraft	Principal investigator
object	Jupiter	Source name
ra_targ	165.5918	Observer's specified target RA [deg]
dec_targ	7.56363	Observer's specified target Dec [deg]
ra_nom	165.59621814988	Nominal RA [deg]
dec_nom	7.5366744722041	Nominal Dec [deg]
roll_nom	247.90490021654	Nominal Roll [deg]
revision	1	Processing version of data
ontime	40154.633538485	[s]
livetime	39717.103102842	Ontime multiplied by DTCOR
l2events	3613137	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	40154.633548498	[s]
caldbver	4.7.2	 	l1events	4931527	Number of level 1 events
date	2016-06-02T05:52:28	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

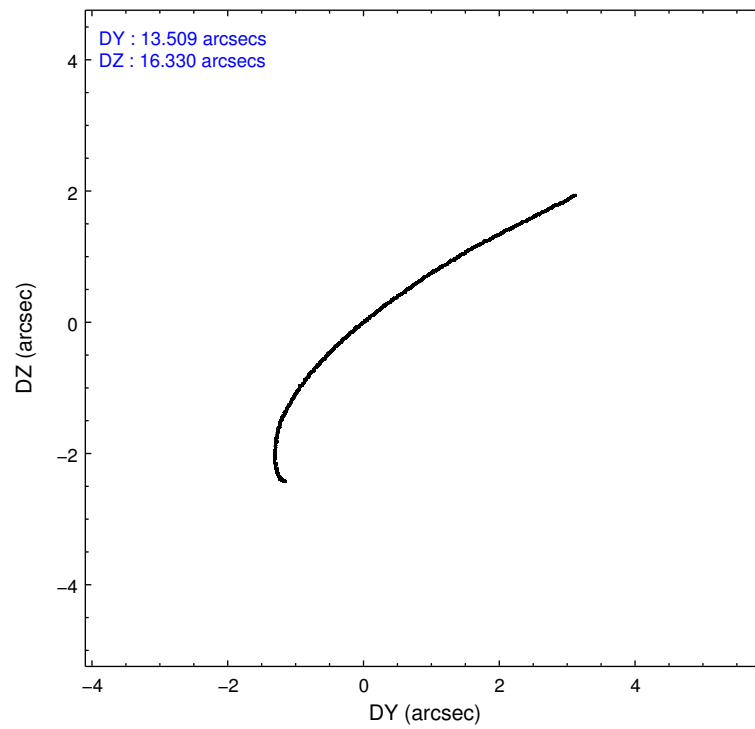
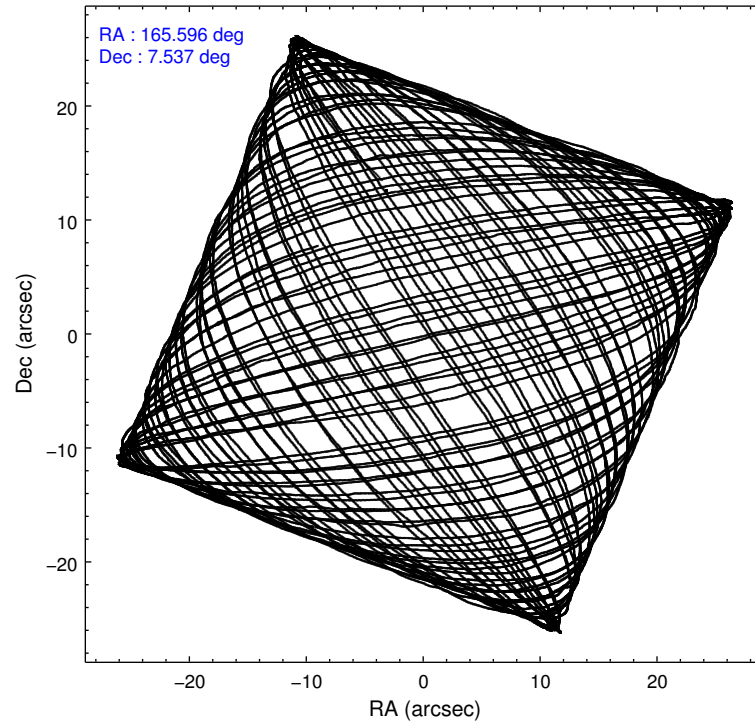
Level 1 Events

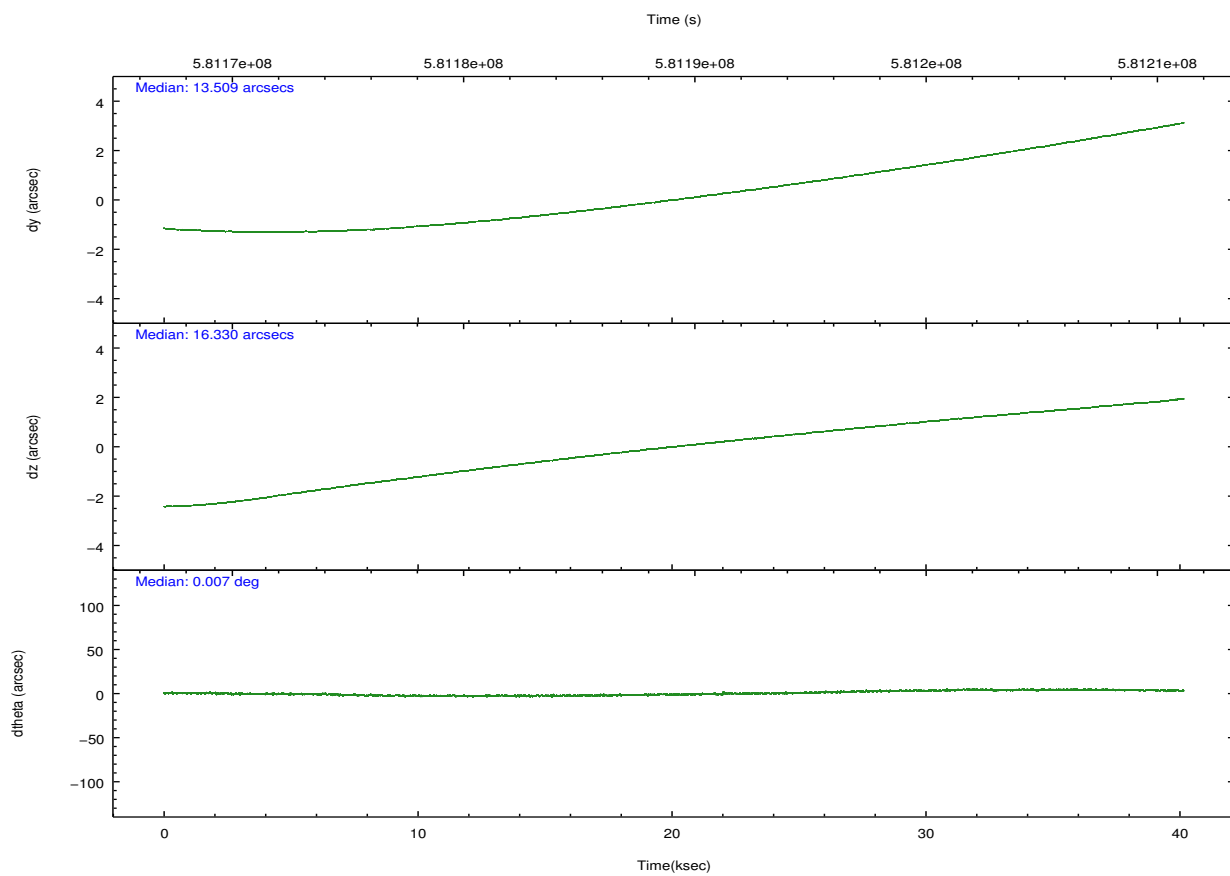
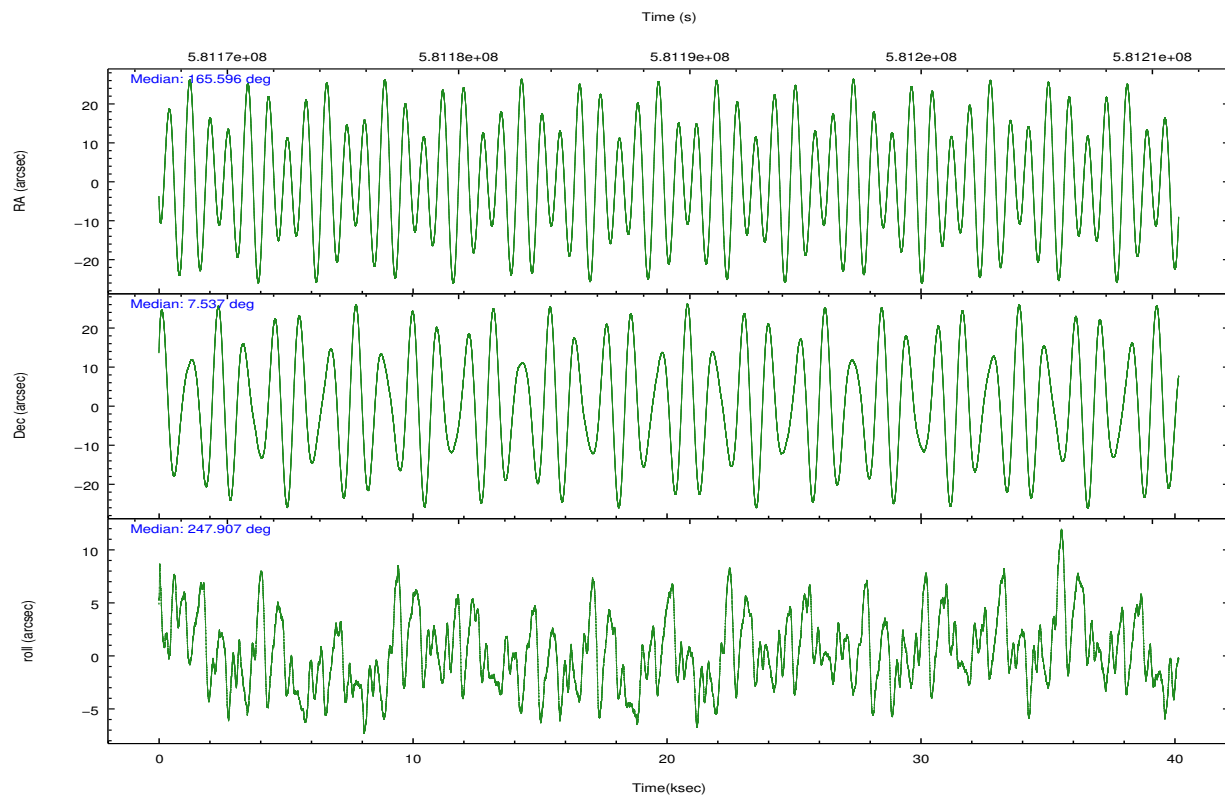
	segment 0
level 1 events	4931527
rejected events	130622
rejected %	2%

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	165.591834	165.5962181498818			
[deg] Pointing Dec	7.563631	7.536674472204064			
[deg] Pointing Roll	248.000965	247.9049002165395			
[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)	581169170.184000	581167928.81411			
Observation start date	2016-06-01T11:51:42	2016-06-01T11:32:08			
[s] Observation end time (MET)	581209170.184000	581210170.09153			
Observation end date	2016-06-01T22:58:22	2016-06-01T23:16:10			

2.3 Aspect



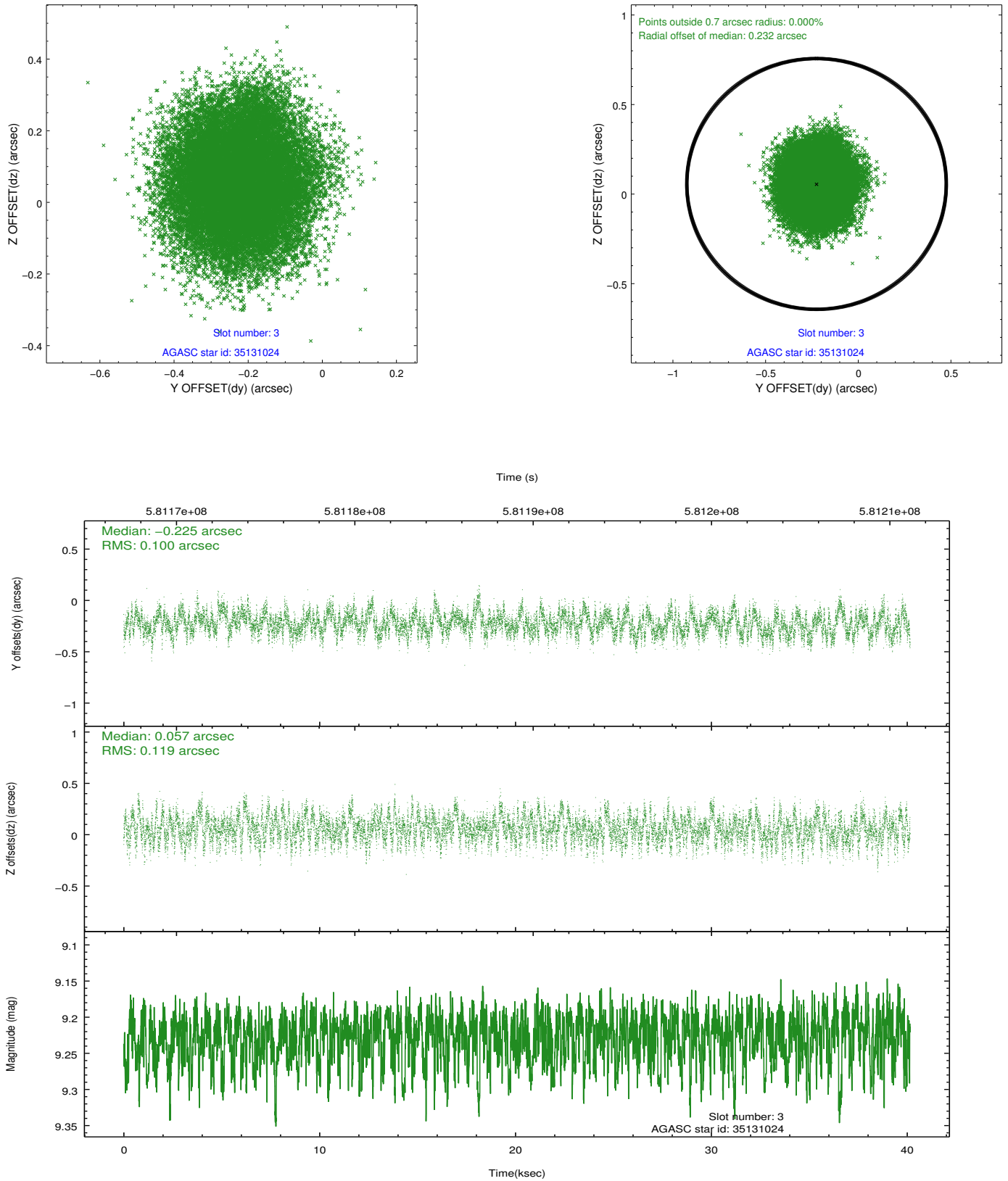


Slot Statistics

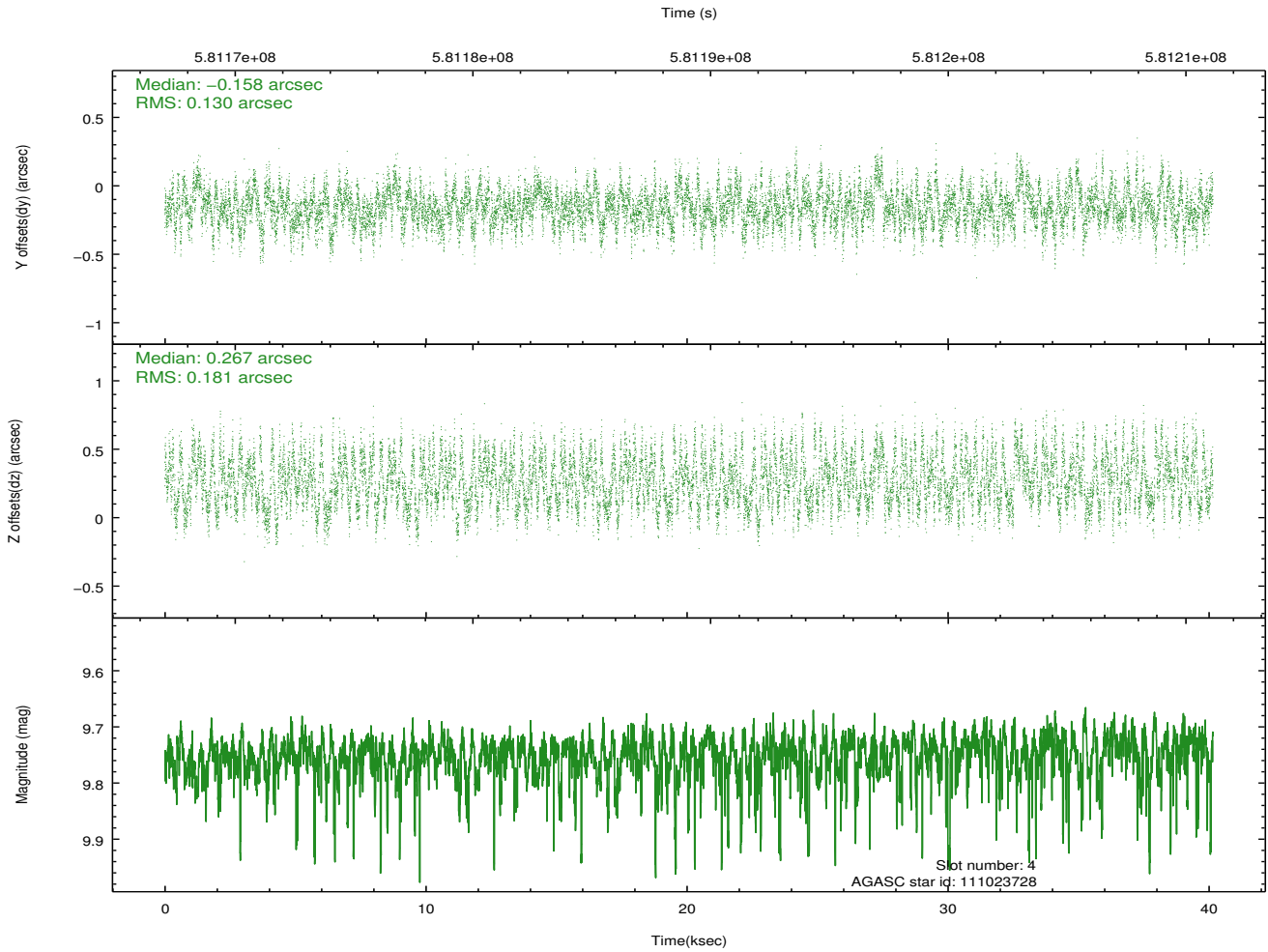
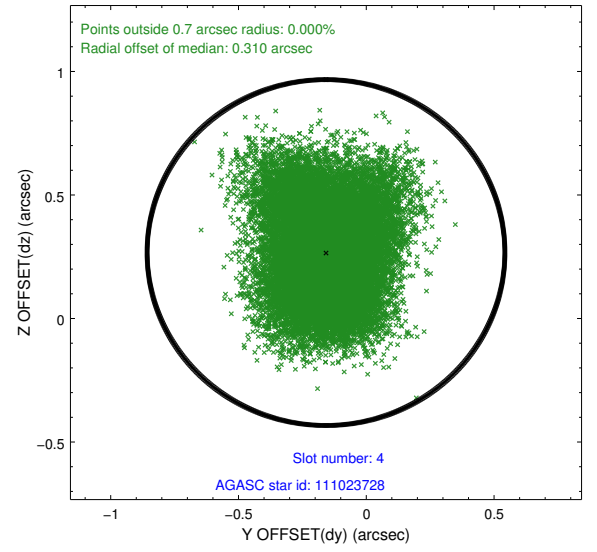
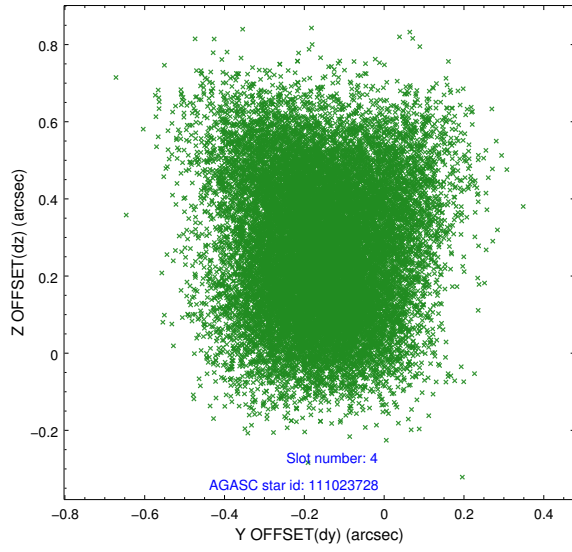
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.99	9793	-0.175	0.010	0.018	0.025	0.000000	0.000000	-769.70	-1304.33
1	FID		HRC-I-2	7.01	9794	0.336	-0.133	0.040	0.053	0.000000	0.000000	843.36	-1306.14
2	FID		HRC-I-3	7.07	9792	-0.042	0.025	0.031	0.042	0.000000	0.000000	-1198.02	1000.11
3	GUIDE	used	35131024	9.22	19572	-0.225	0.057	0.170	0.258	165.915084	7.016286	1394.65	1808.63
4	GUIDE	used	111023728	9.75	19553	-0.158	0.267	0.239	0.380	165.653559	8.140477	-2007.57	-573.35
5	GUIDE	used	111028152	7.14	19588	-0.357	-0.039	0.131	0.223	165.922060	7.581968	-502.61	1067.76
6	GUIDE	used	111028824	8.81	19564	0.191	0.127	0.124	0.204	165.235389	7.617714	295.95	-1252.08
7	GUIDE	used	35133784	9.77	19569	0.537	-0.420	0.203	0.344	165.139148	7.050082	2320.18	-807.86

2.4 Star Slots

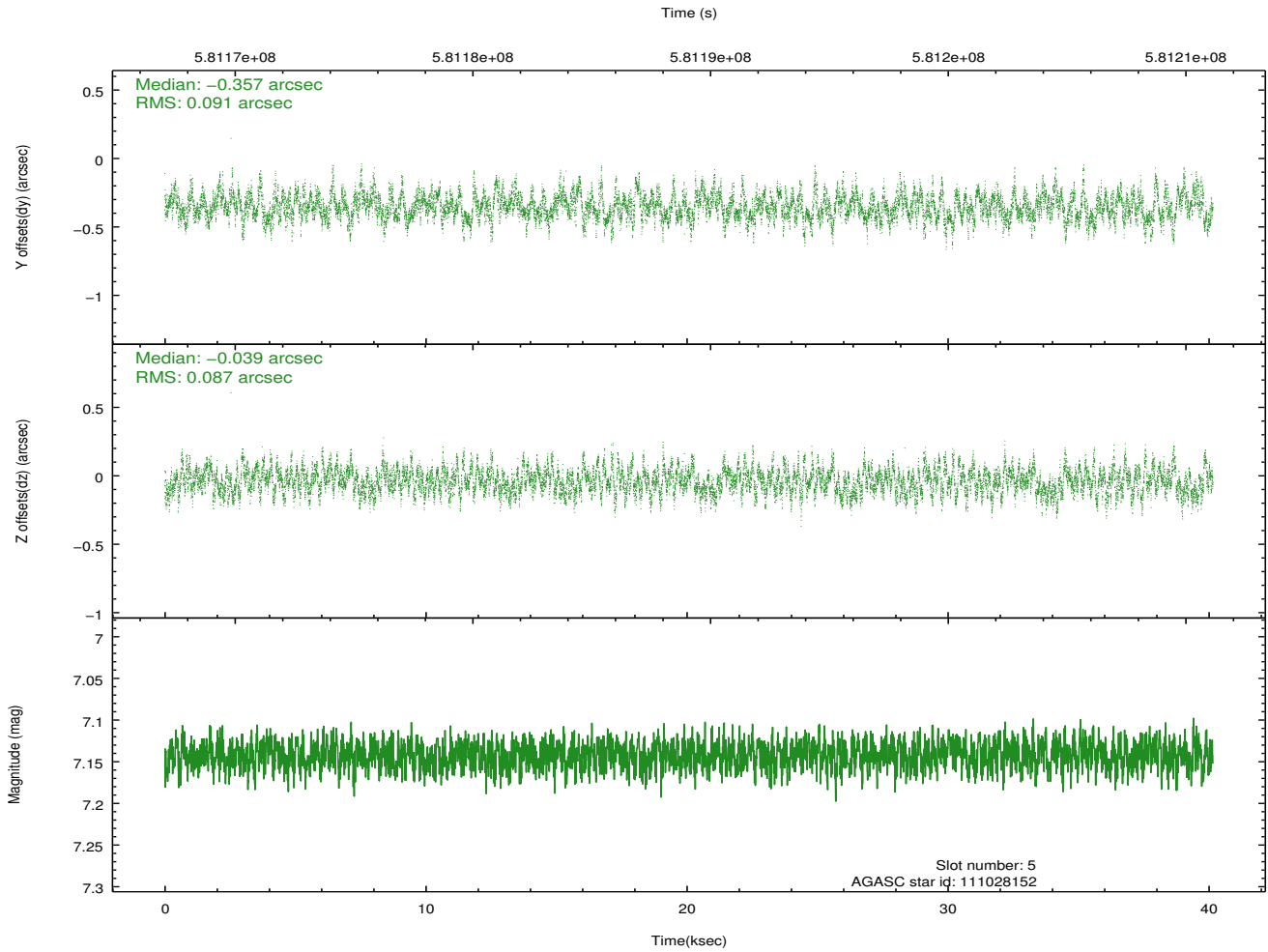
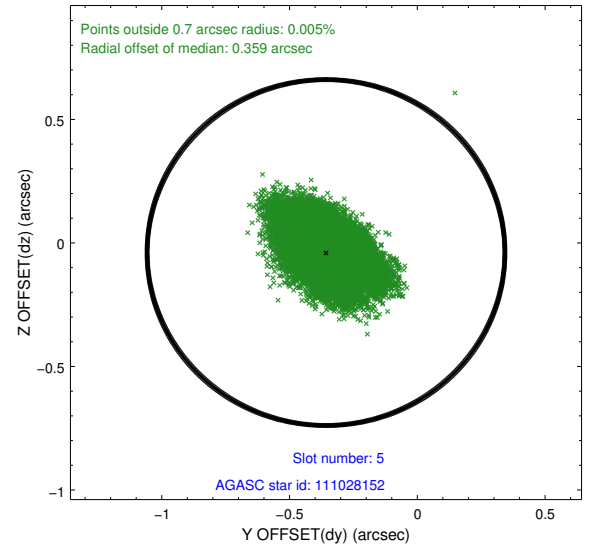
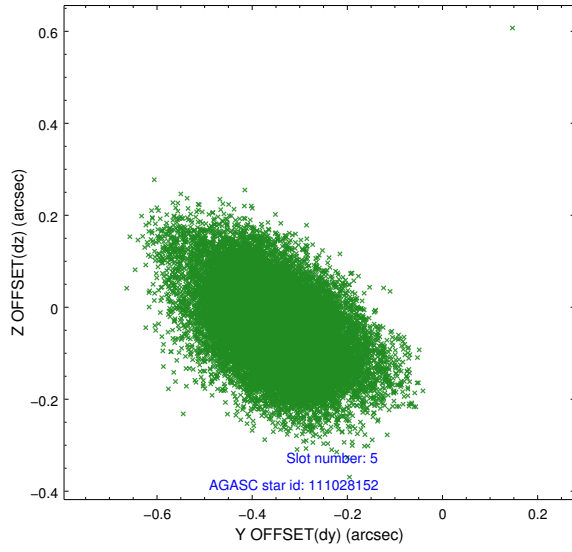
2.4.1 Slot 3



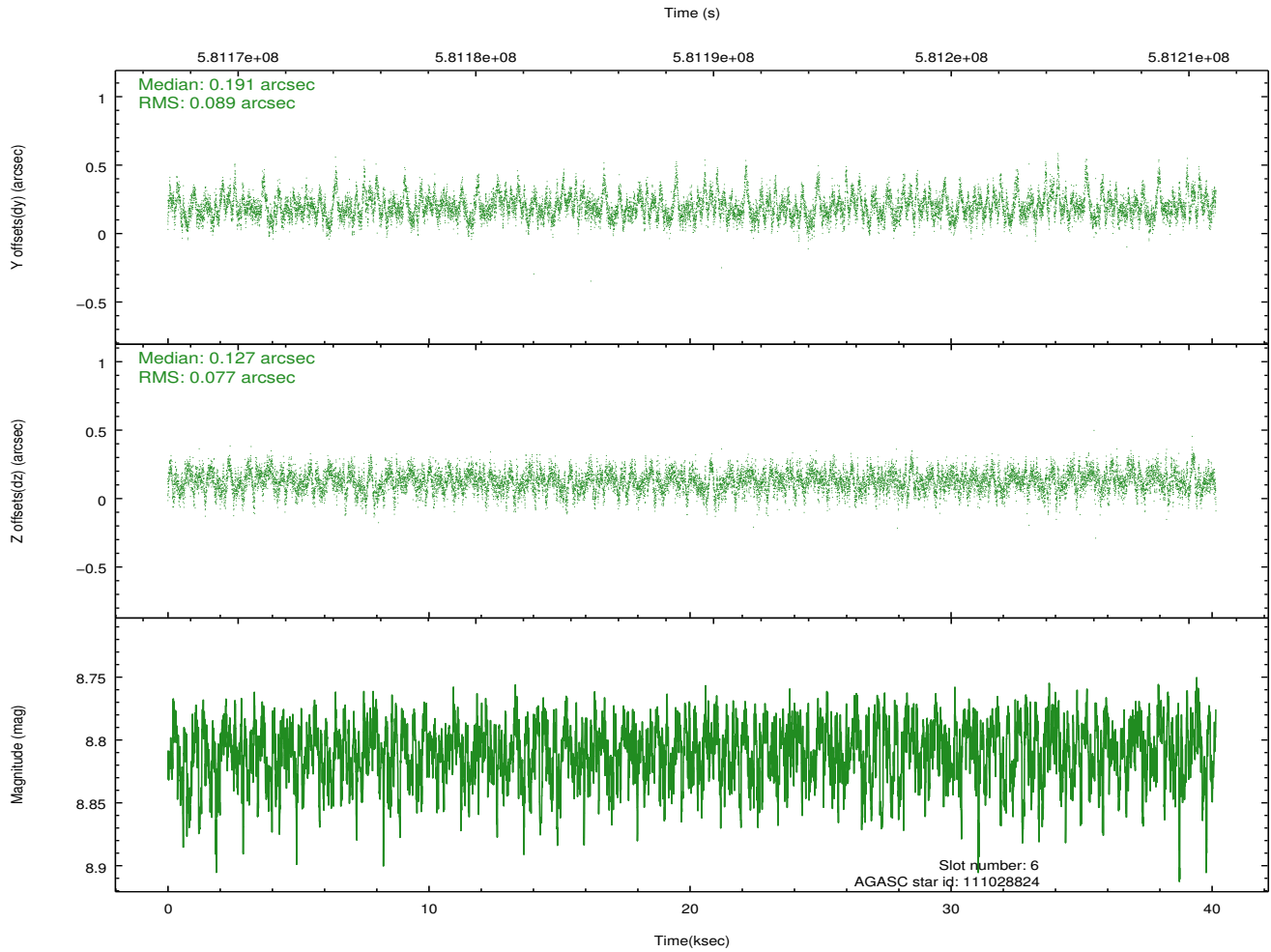
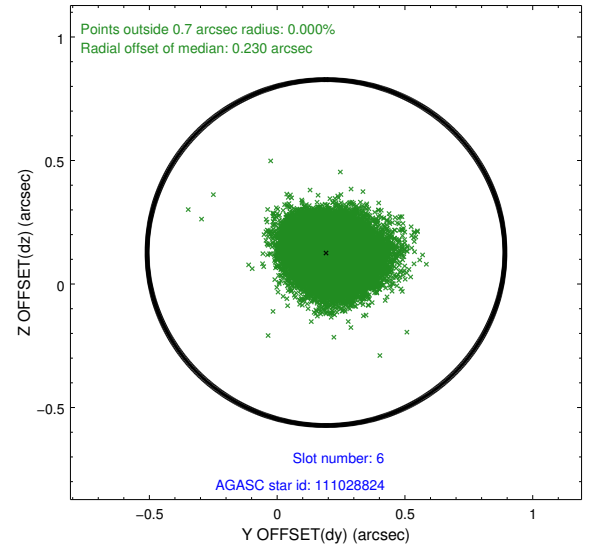
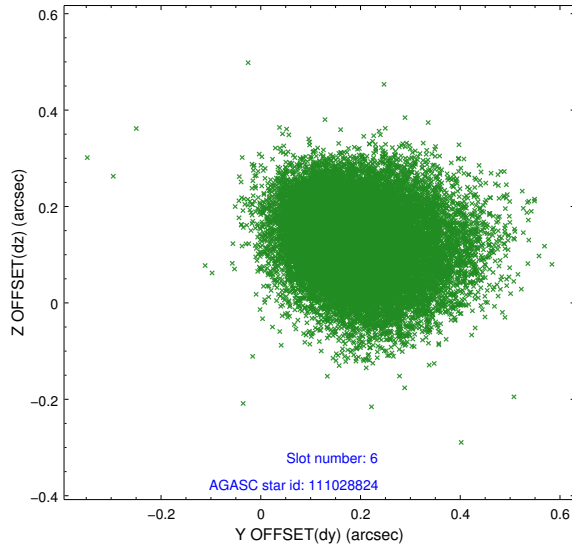
2.4.2 Slot 4



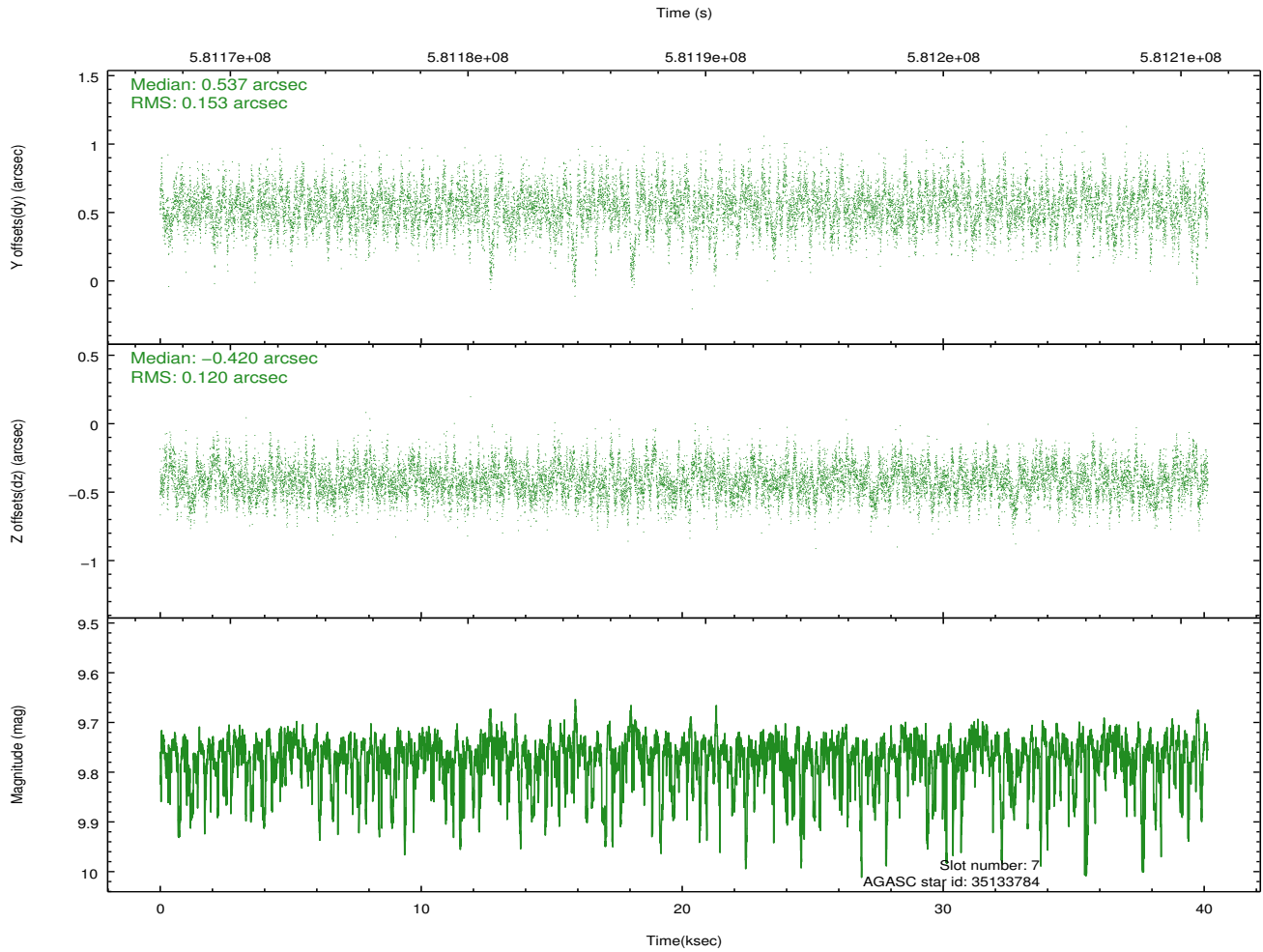
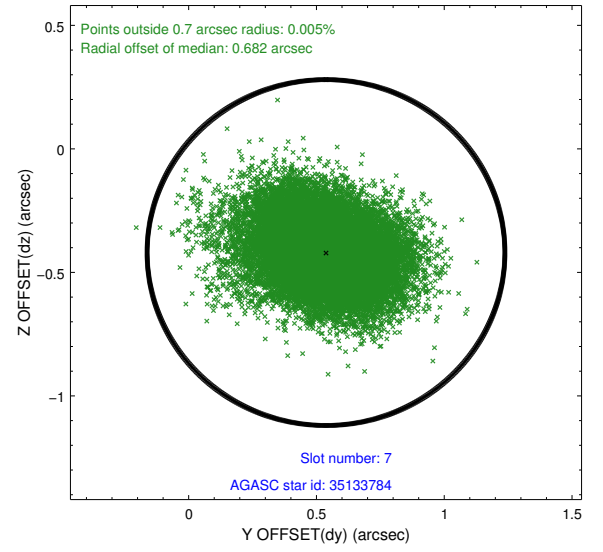
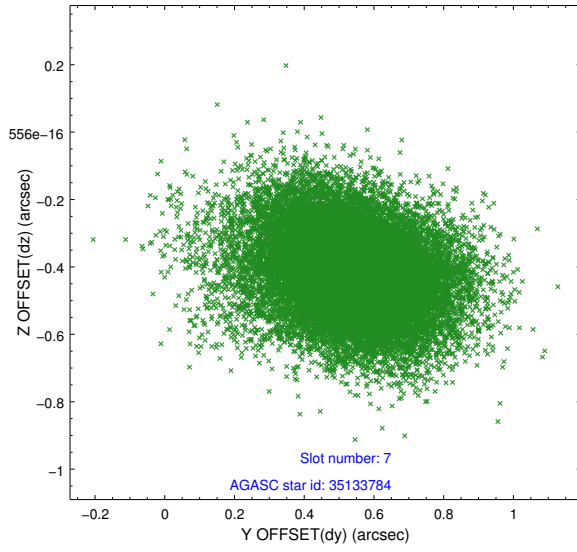
2.4.3 Slot 5



2.4.4 Slot 6

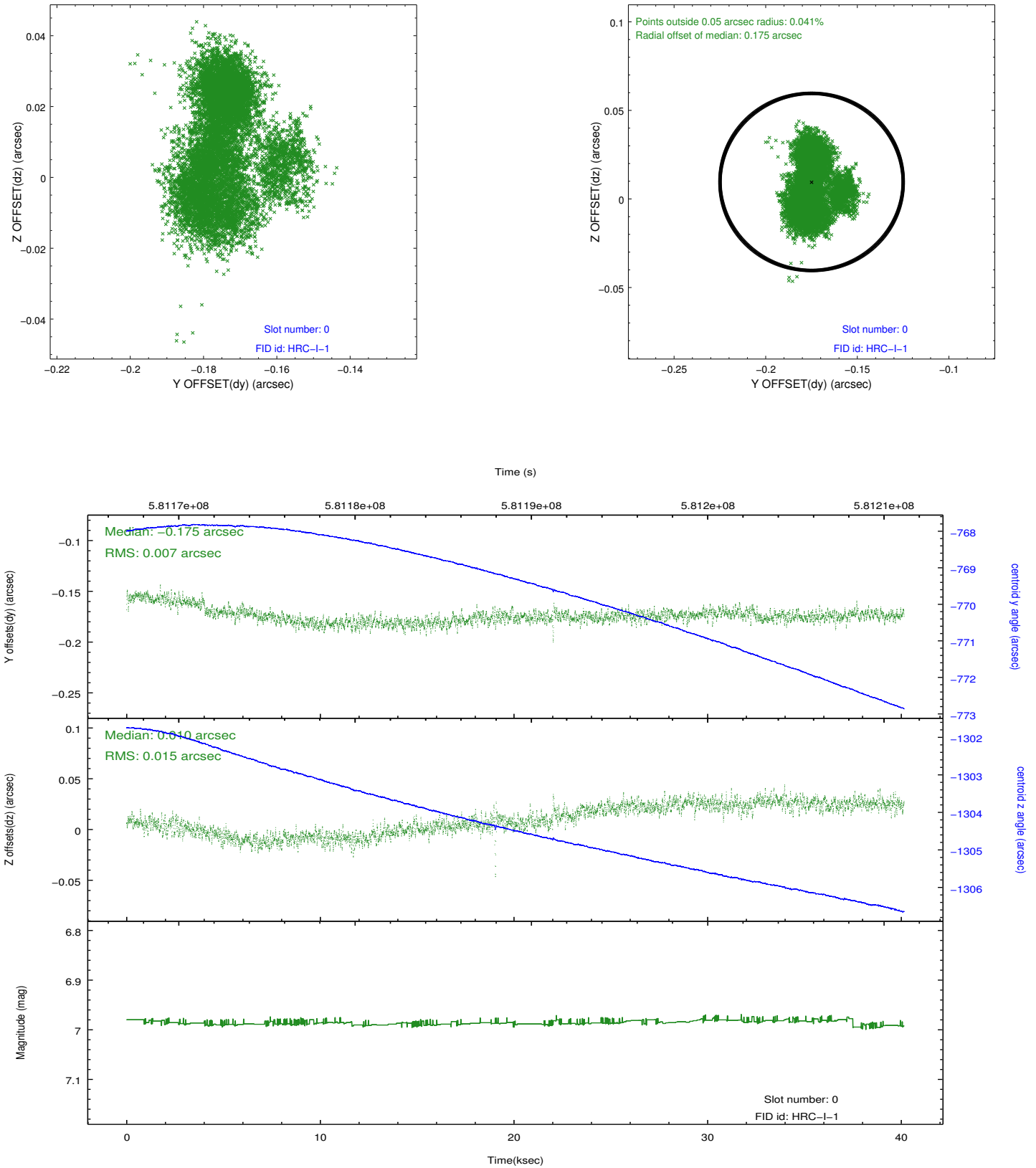


2.4.5 Slot 7

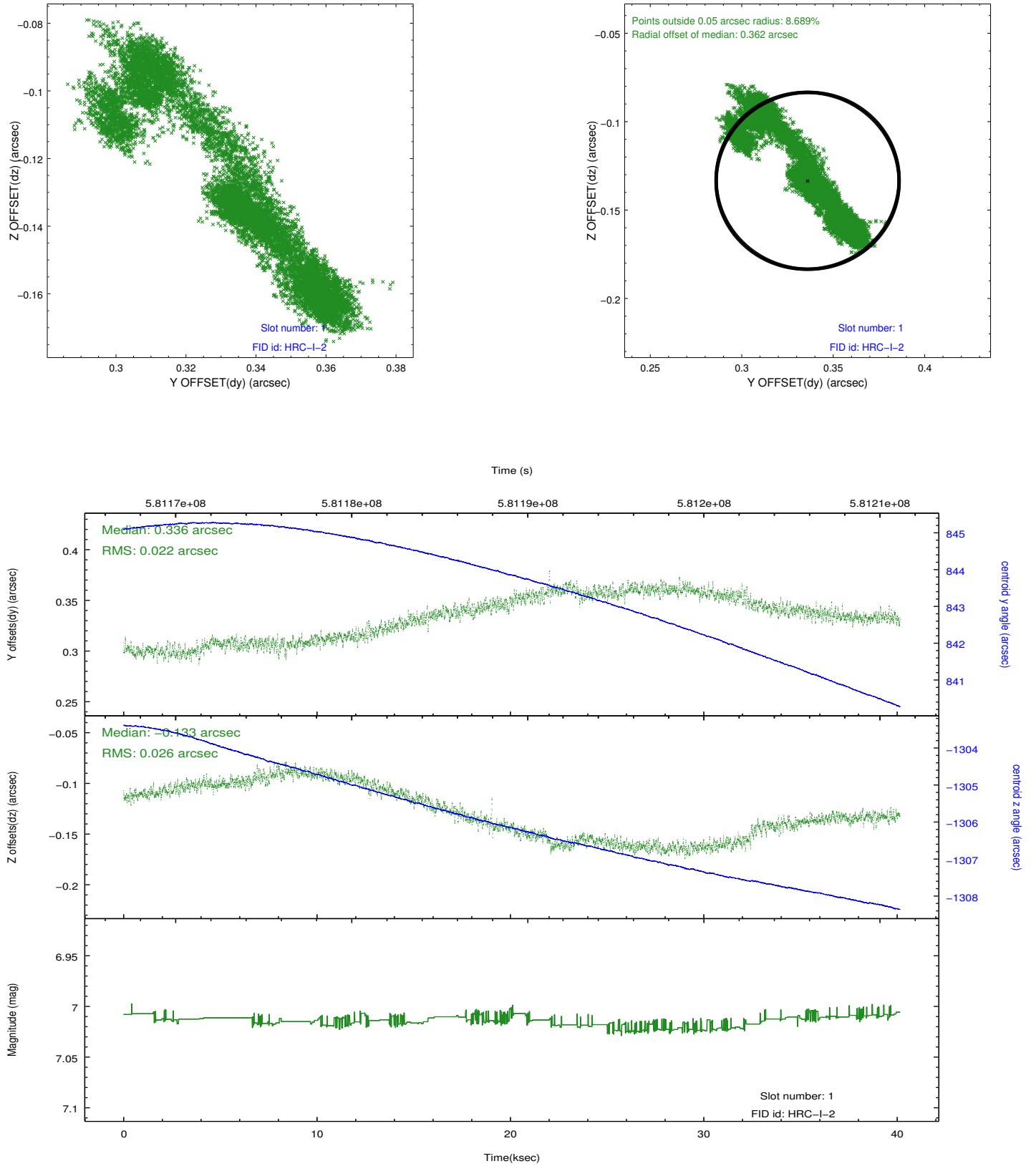


2.5 FID Slots

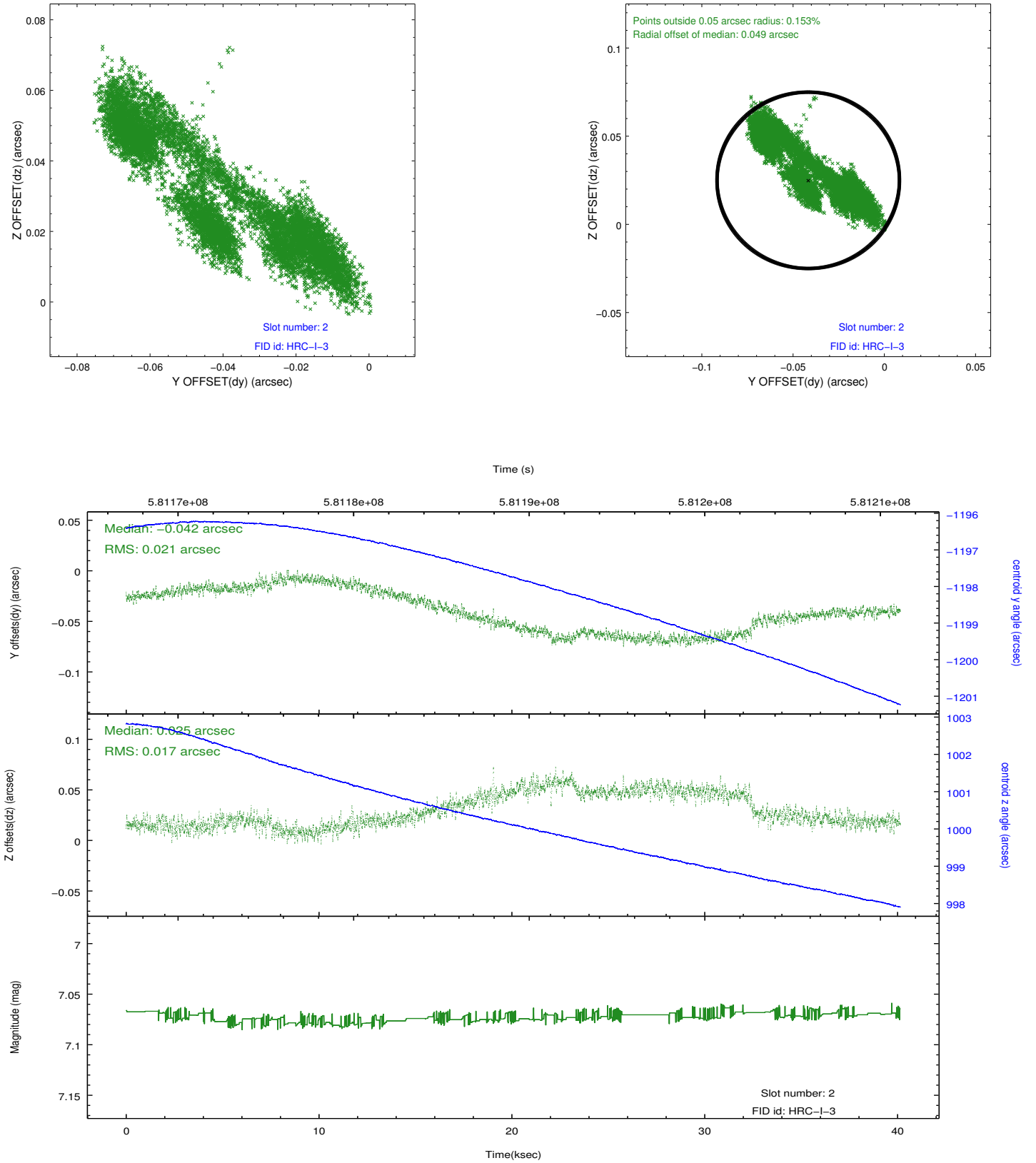
2.5.1 Slot 0



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)	2016.06.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.154633538485

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.