

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1817 - L2 Version 4
Chandra X-Ray Center

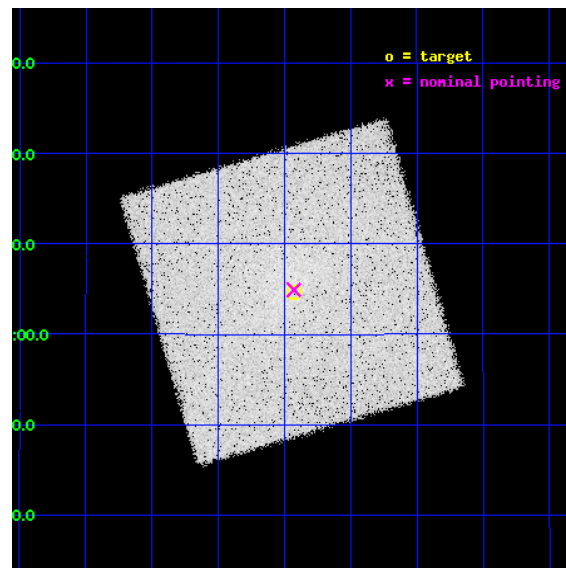
L2 Processing Date : Sep 20 2012

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1 Front

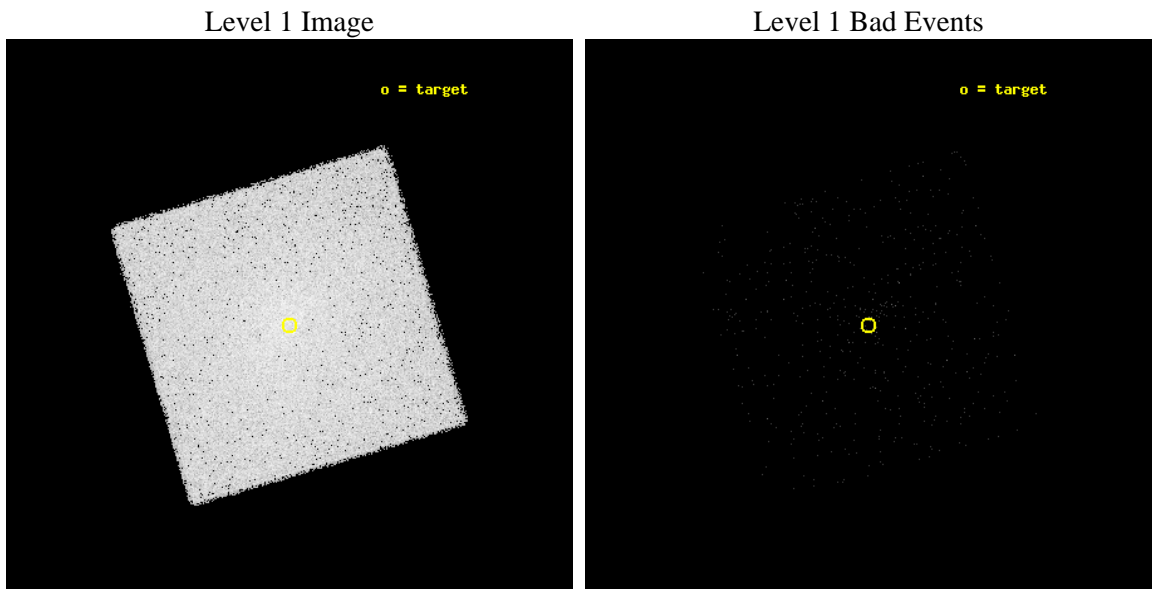
seq_num	100009	Sequence number
obs_id	1817	Observation id
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2	Proposal title
observer	DR W. THOMAS VESTRAND	Principal investigator
object	LINEAR 2001 A2	Source name
ra_targ	348.607475	Observer's specified target RA [deg]
dec_targ	8.078107	Observer's specified target Dec [deg]
ra_nom	348.60720340809	Nominal RA [deg]
dec_nom	8.0820234011904	Nominal Dec [deg]
roll_nom	118.62679480312	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2335.9750913829	[s]
livetime	2095.7560609891	Ontime multiplied by DTCOR
l2events	171139	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	2150.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2335.9750913829	[s]
caldbver	4.5.1.1	 	l1events	262865	Number of level 1 events
date	2012-09-20T13:00:17	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

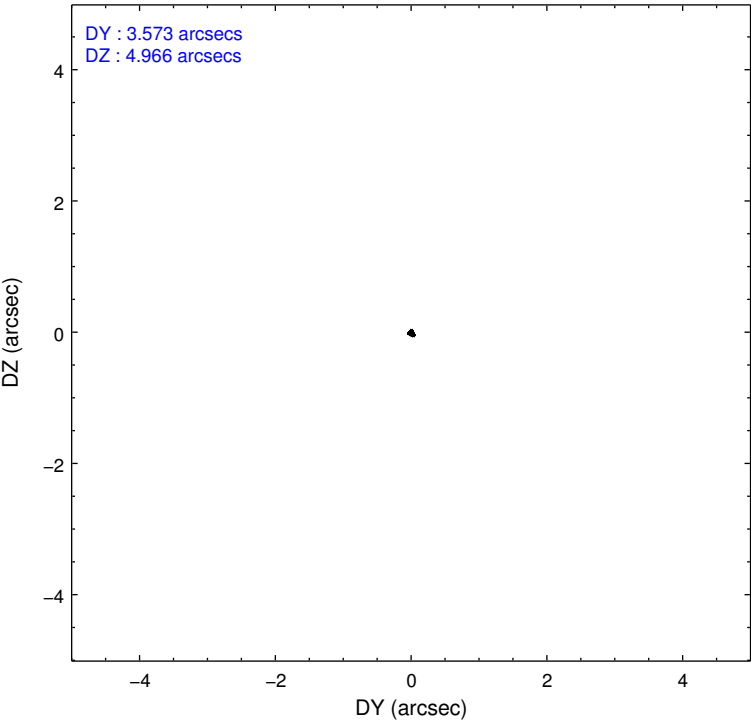
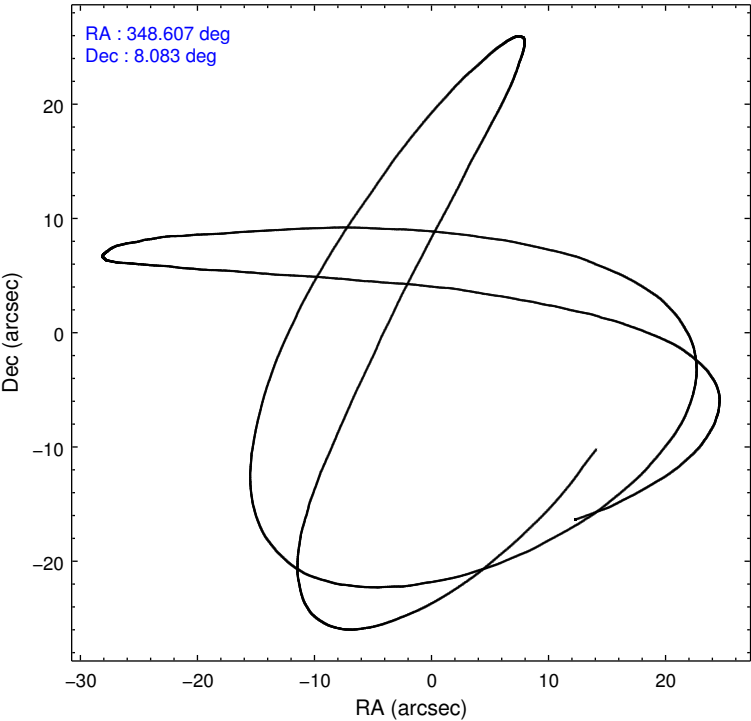
	segment 0
level 1 events	262865
rejected events	42126
rejected %	16%

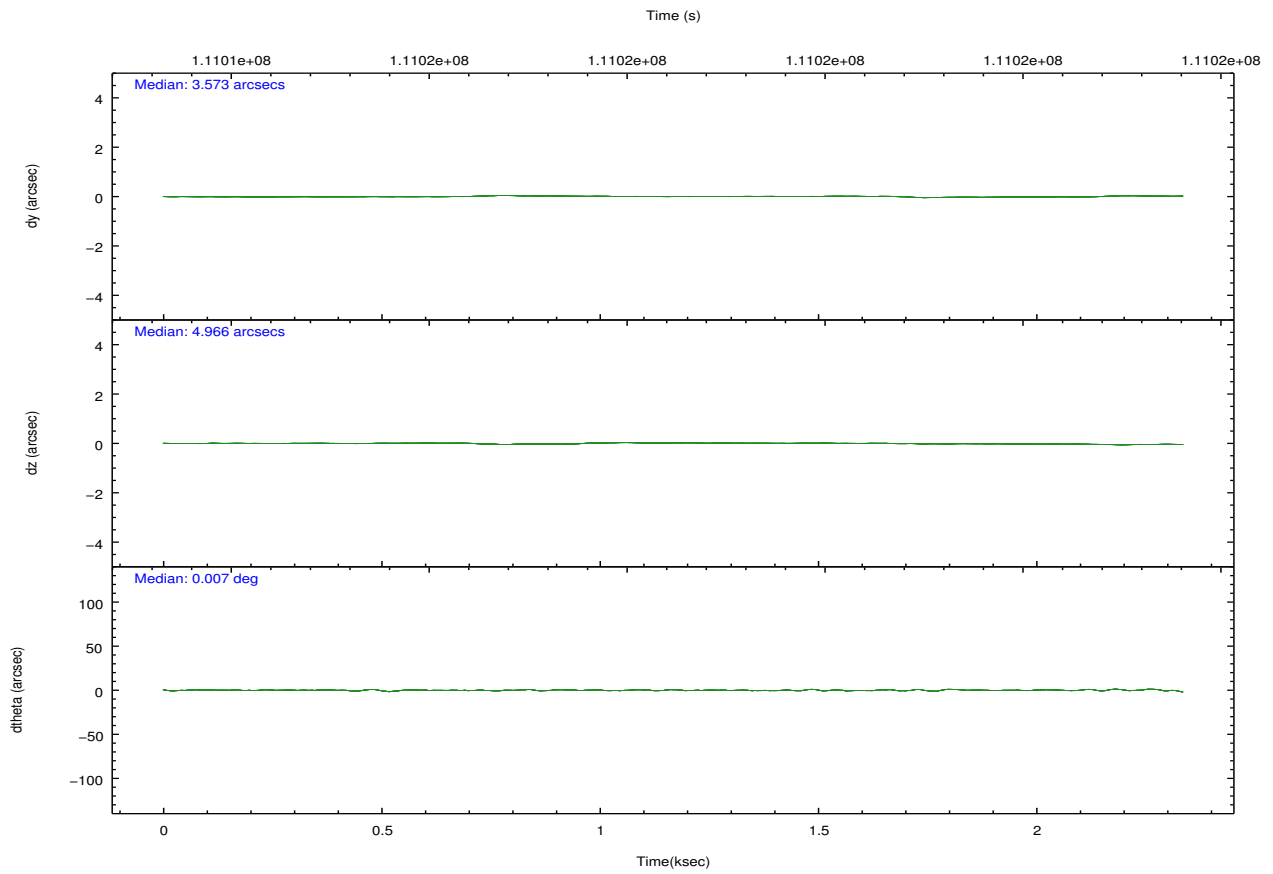
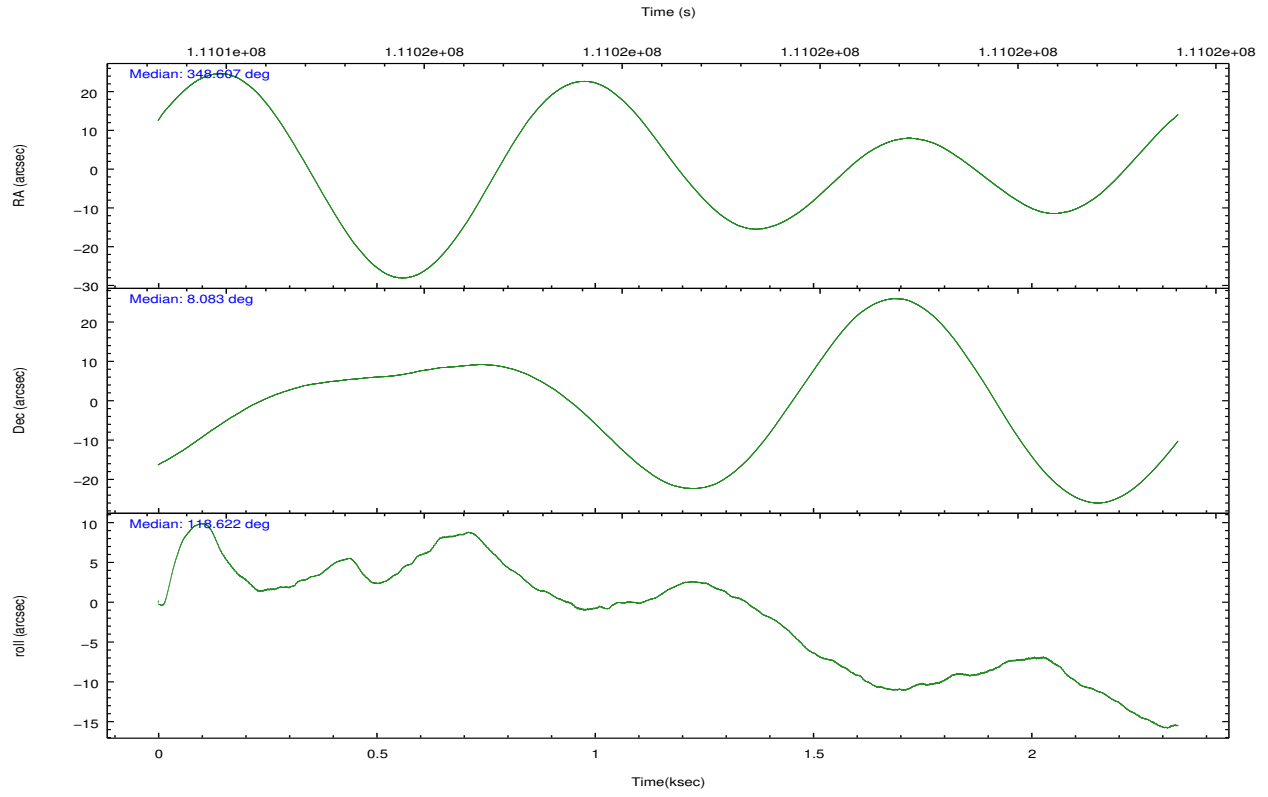
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	348.630732	348.6072034080922
[deg] Pointing Dec	8.068683	8.082023401190398
[deg] Pointing Roll	118.718936	118.6267948031182
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	111014632.184000	111014256.60831
Observation start date	2001-07-08T21:22:48	2001-07-08T21:17:36
[s] Observation end time (MET)	111016782.184000	111016916.48341
Observation end date	2001-07-08T21:58:38	2001-07-08T22:01:56

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



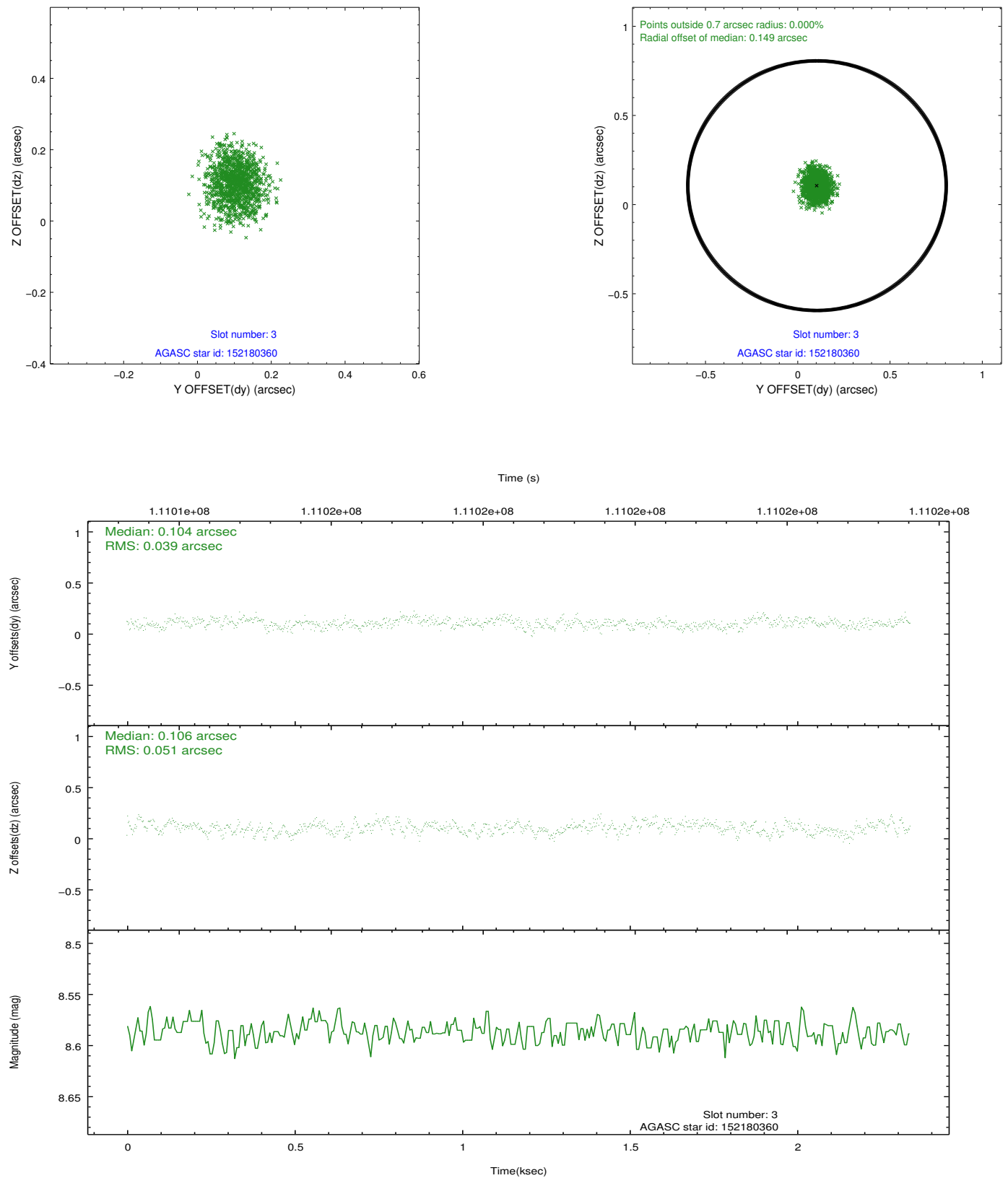


Slot Statistics

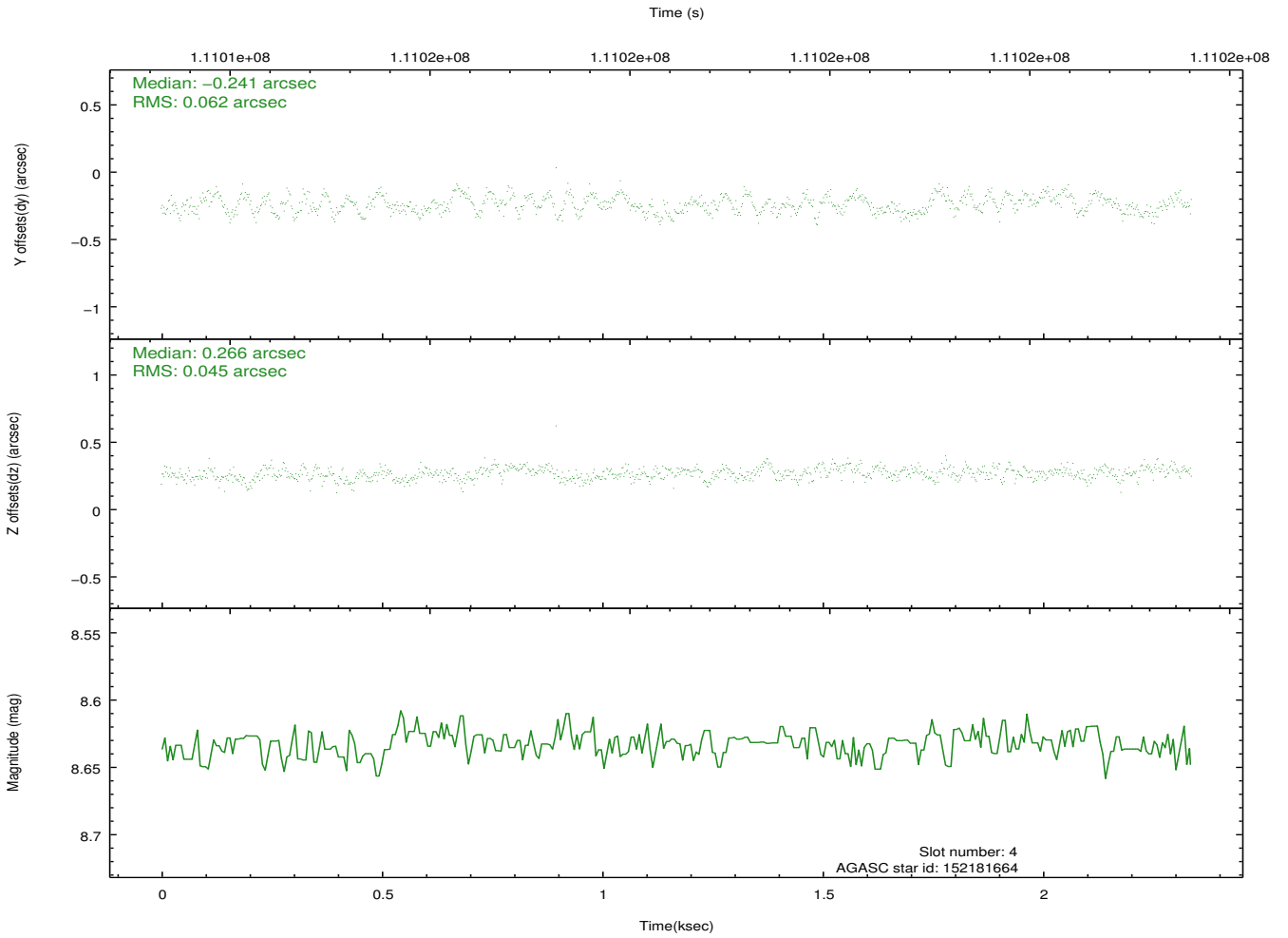
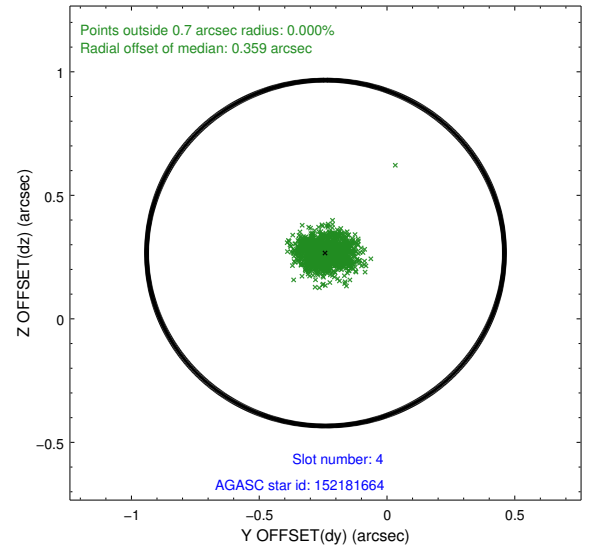
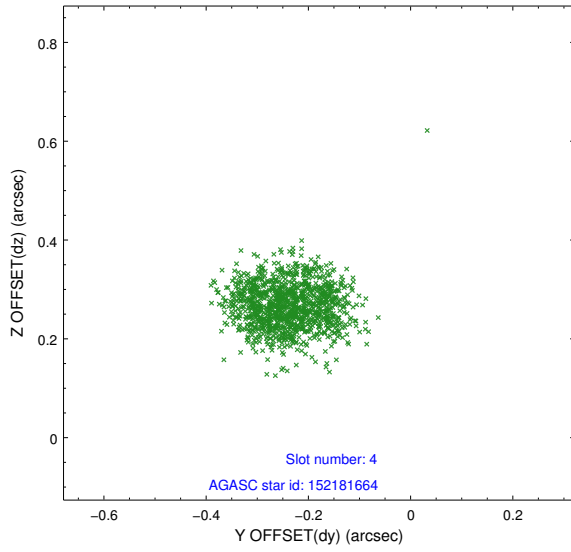
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	570	0.050	-0.015	0.007	0.012	0.000000	0.000000	853.66	-1294.36
1	FID	HRC-I-3	7.06	570	0.014	-0.022	0.006	0.011	0.000000	0.000000	-1186.07	1009.44
2	FID	HRC-I-4	7.00	570	0.055	-0.049	0.006	0.011	0.000000	0.000000	1281.68	1011.13
3	GUIDE	152180360	8.59	1141	0.104	0.106	0.069	0.113	349.110181	8.037159	-919.18	-1445.14
4	GUIDE	152181664	8.63	1141	-0.241	0.266	0.082	0.125	348.774873	8.789488	2028.99	-1697.99
5	GUIDE	152188480	8.91	1141	0.037	-0.120	0.072	0.118	348.517103	8.131940	396.63	243.80
6	GUIDE	76417928	9.88	1134	0.168	-0.145	0.136	0.246	348.460608	7.395636	-1832.22	1696.44
7	GUIDE	152184592	9.65	1133	-0.065	-0.104	0.116	0.187	348.366260	8.397865	1490.92	257.71

2.4 Star Slots

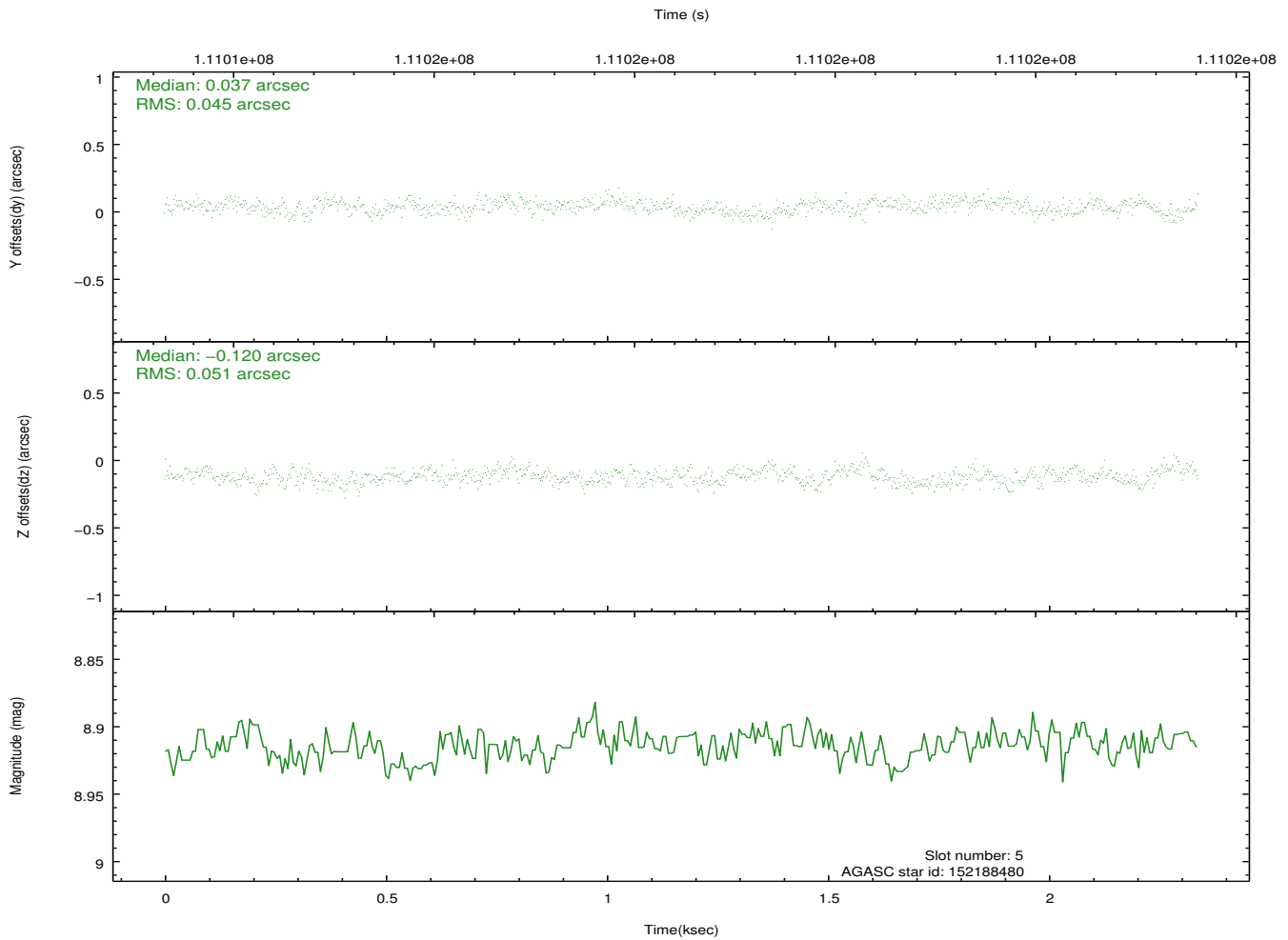
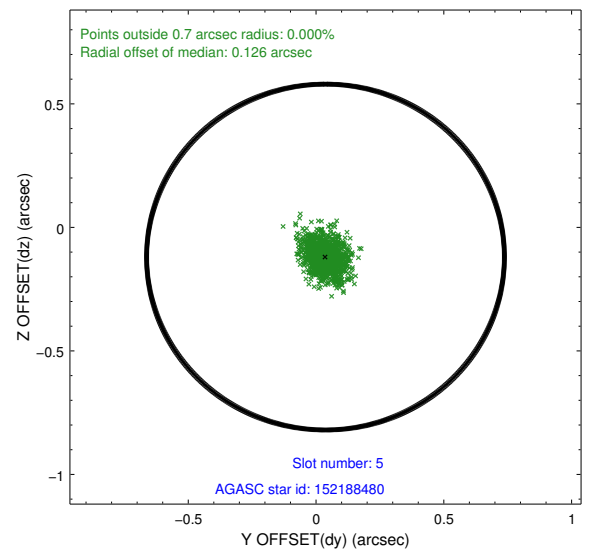
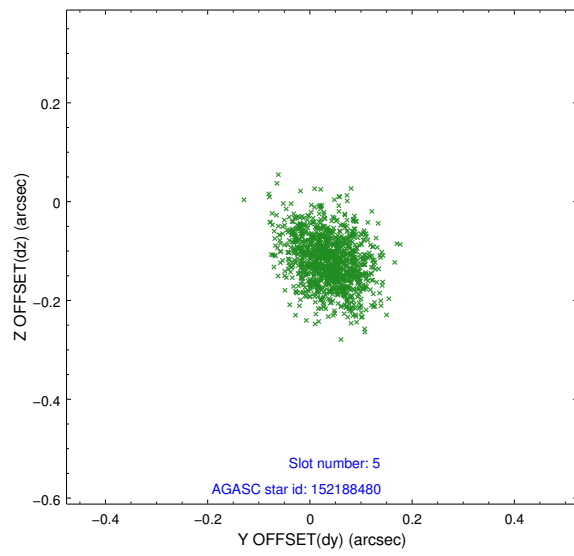
2.4.1 Slot 3



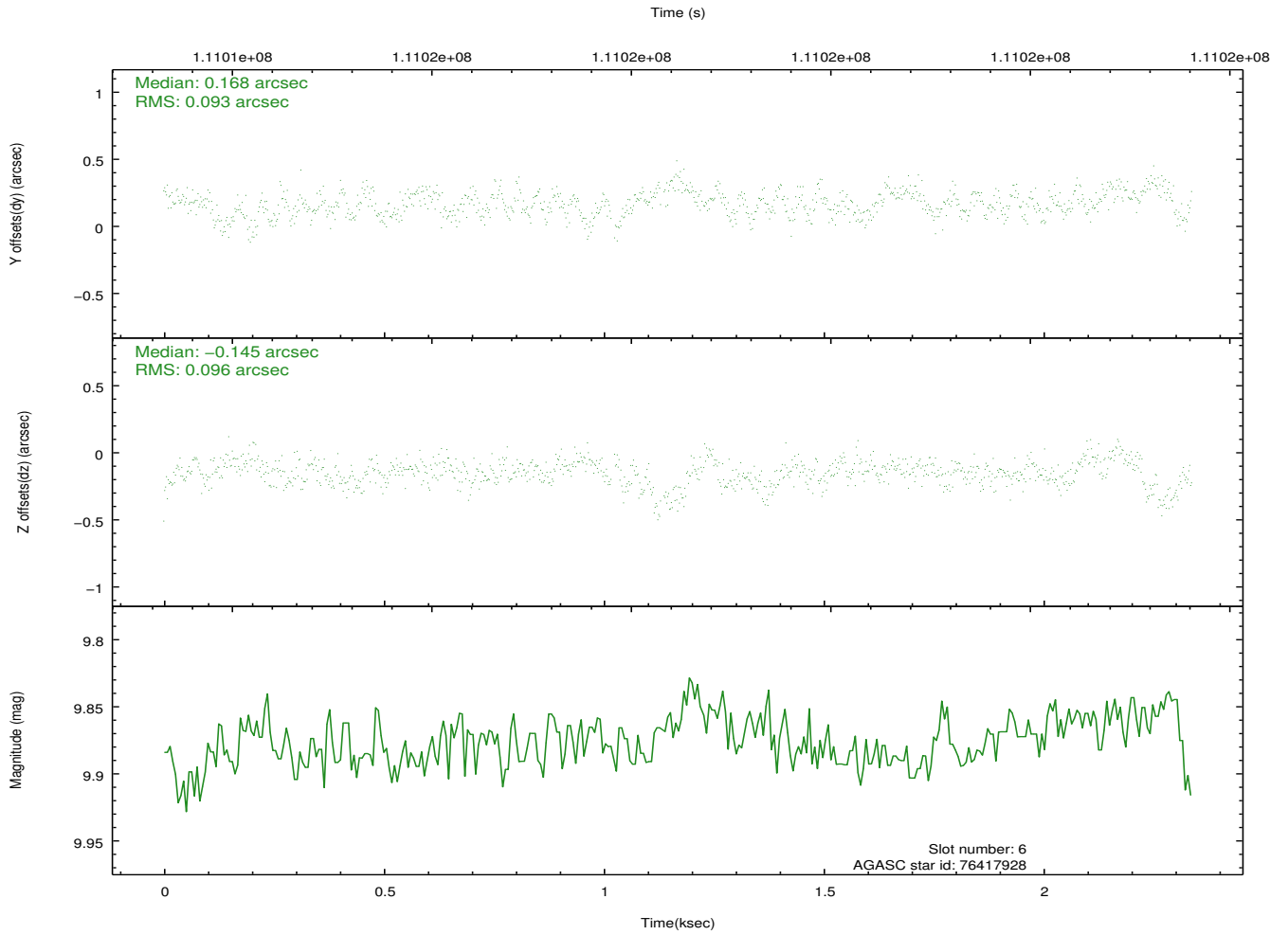
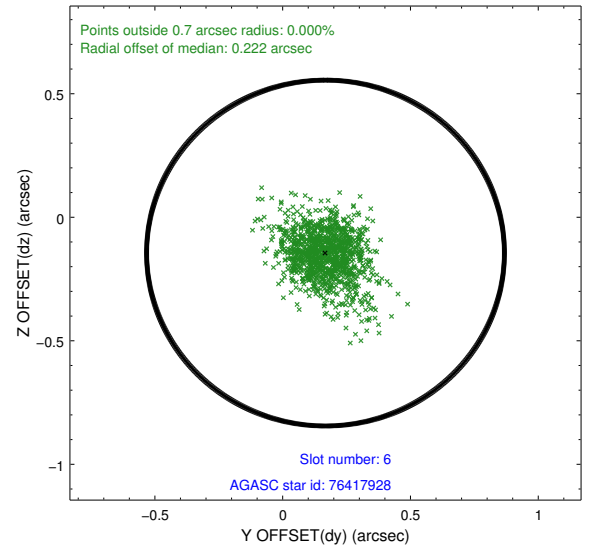
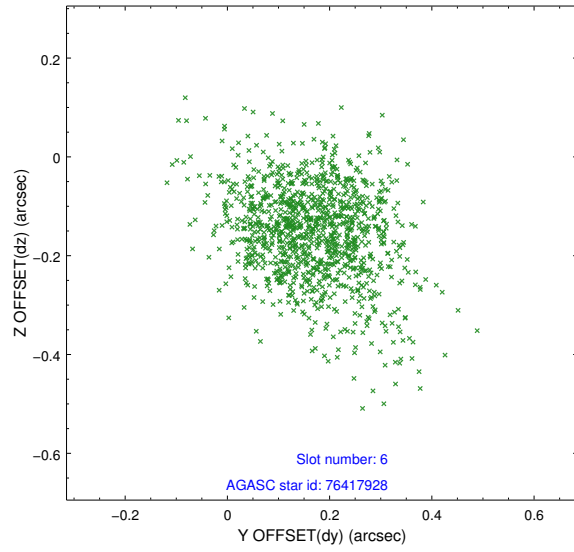
2.4.2 Slot 4



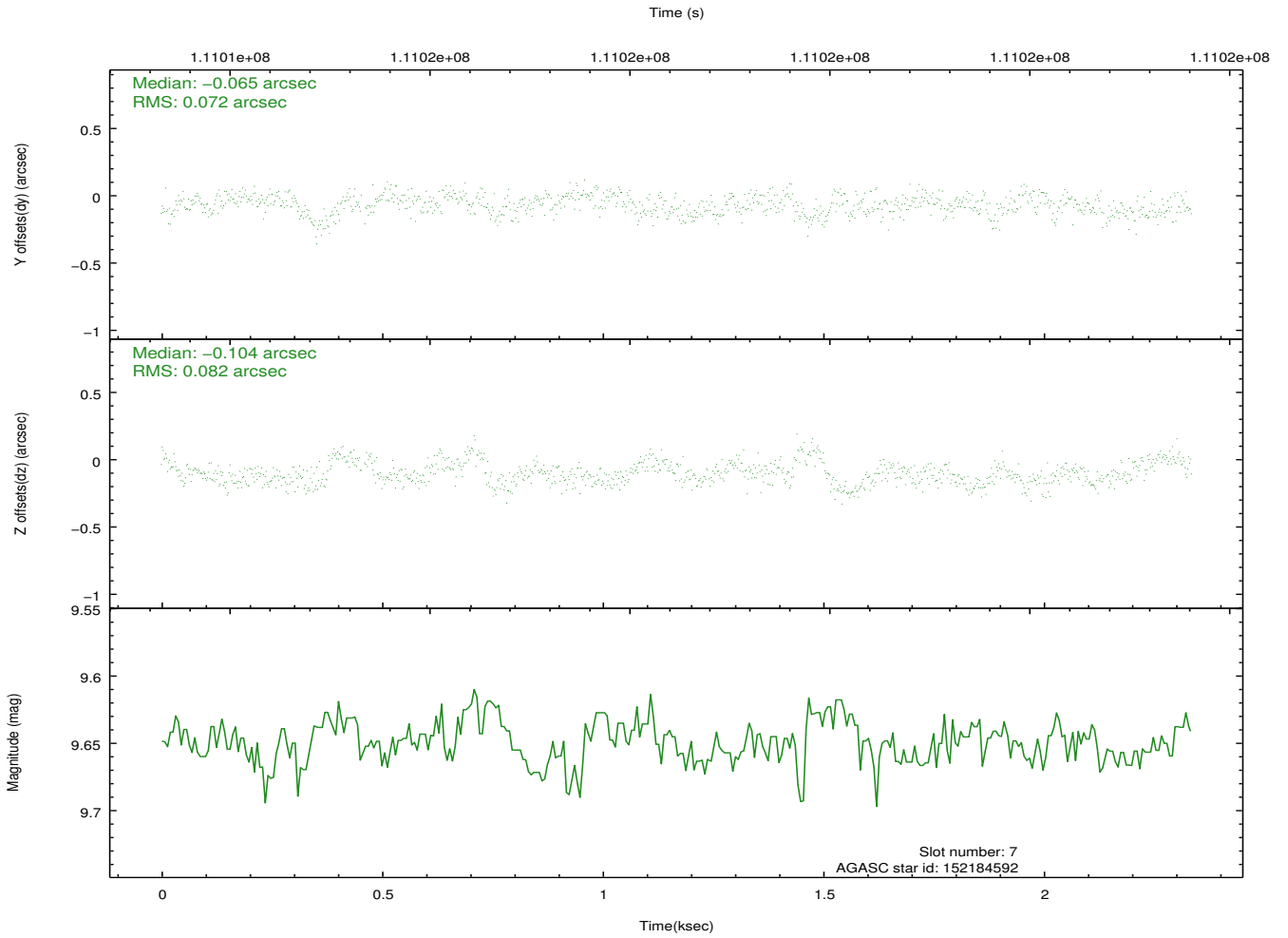
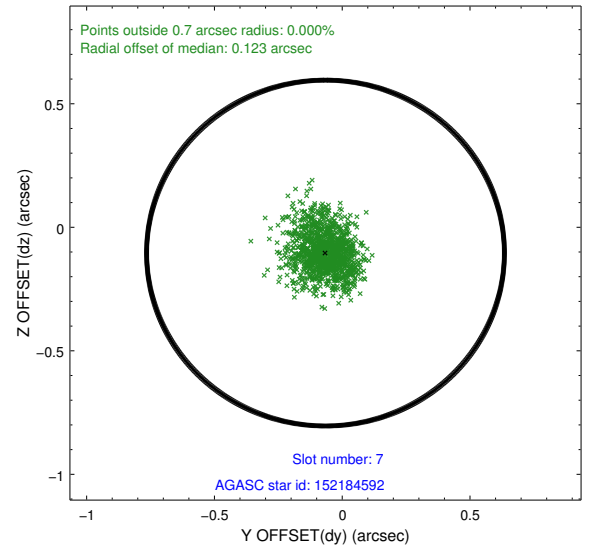
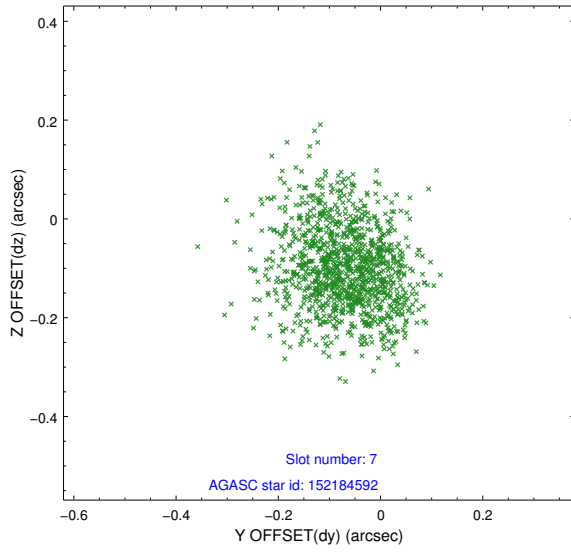
2.4.3 Slot 5



2.4.4 Slot 6

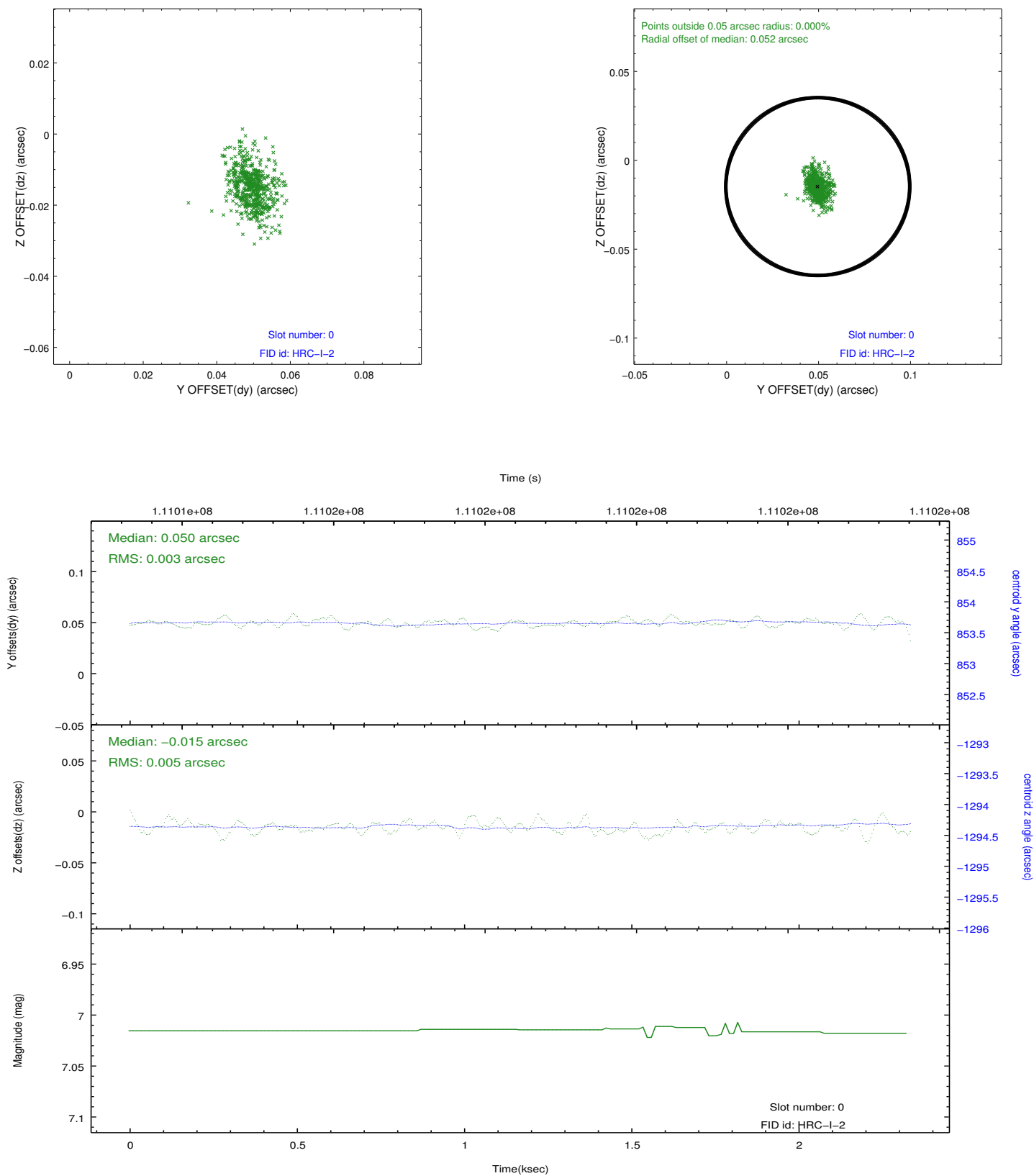


2.4.5 Slot 7

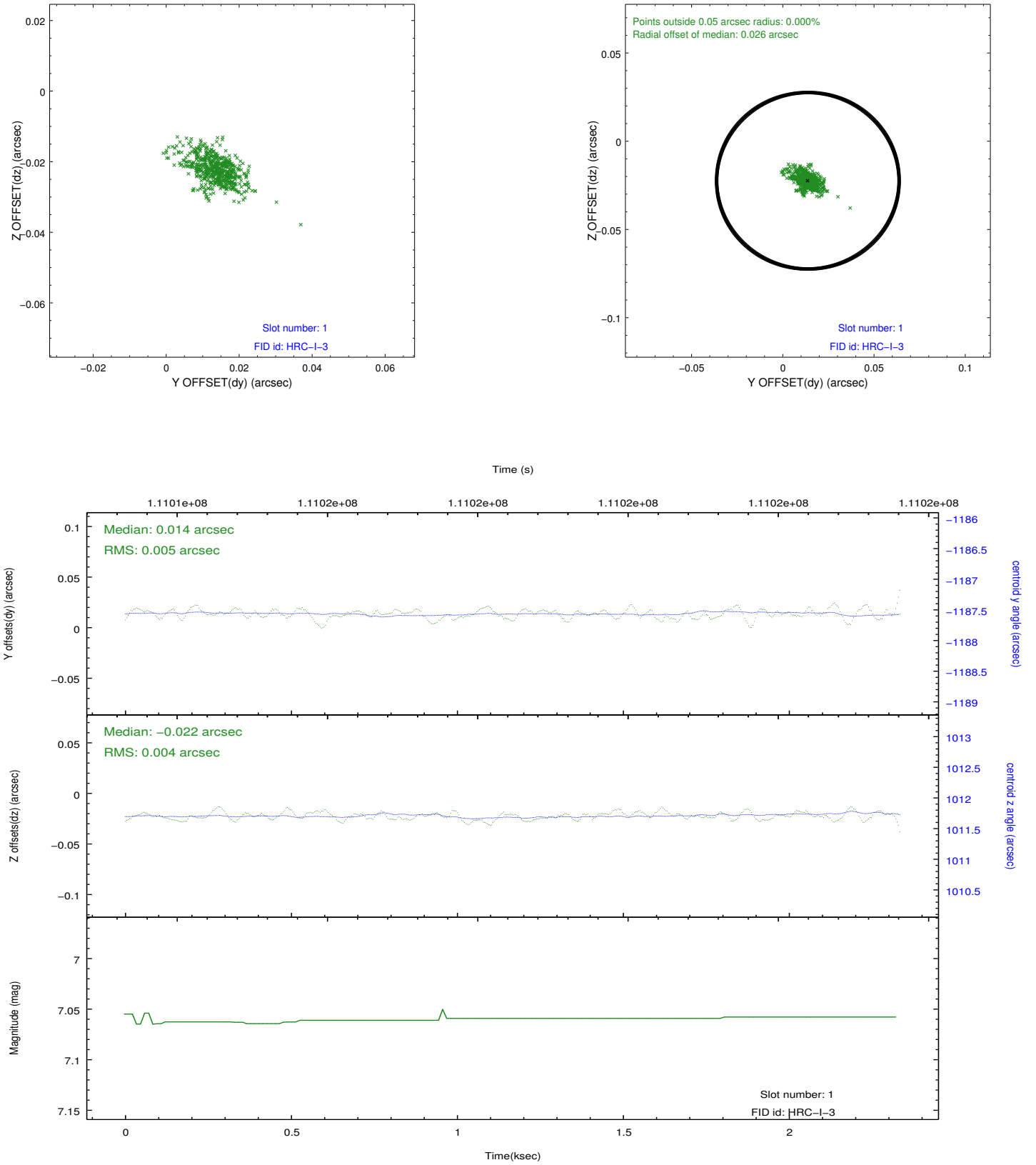


2.5 FID Slots

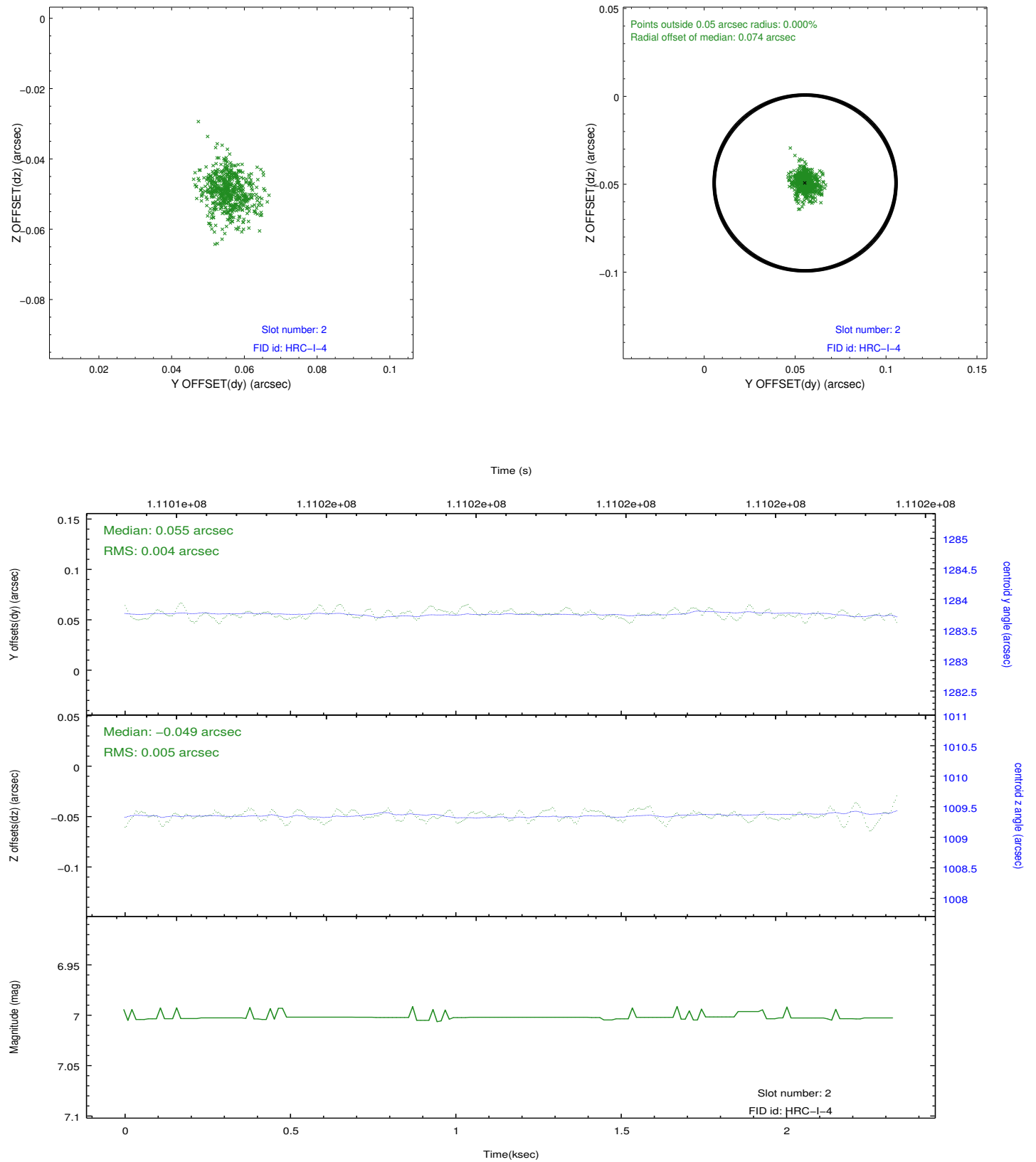
2.5.1 Slot 0



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)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.335

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.