

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2341 - L2 Version 5
Chandra X-Ray Center

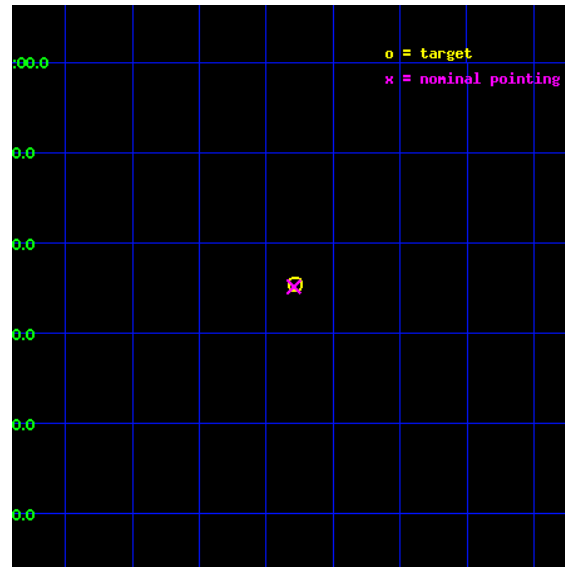
L2 Processing Date : Sep 4 2012

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1 Front

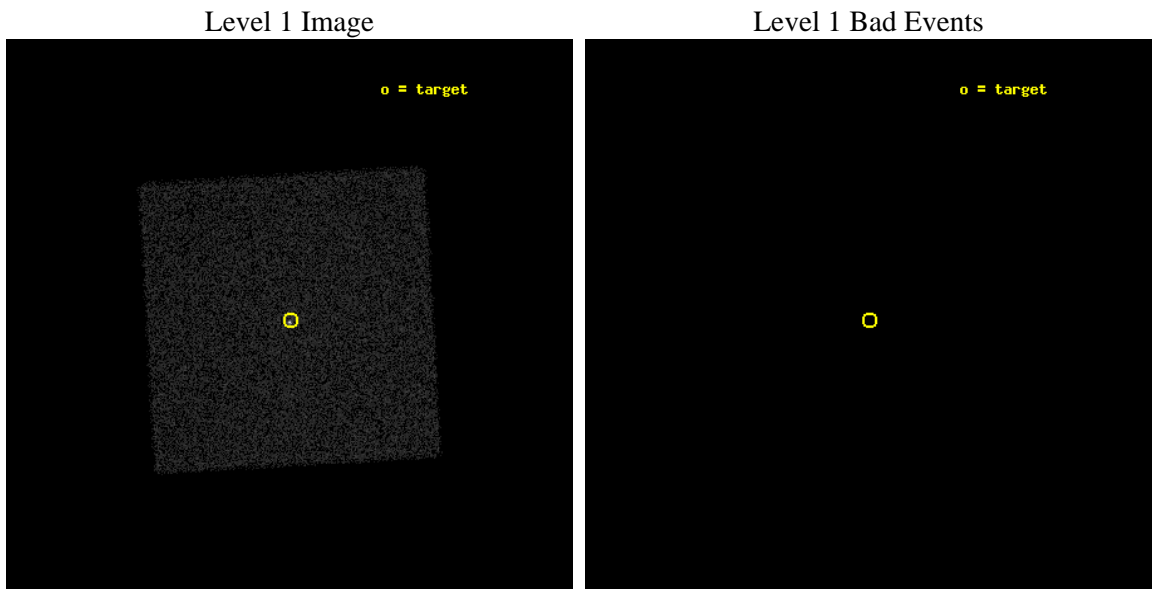
seq_num	390023	Sequence number
obs_id	2341	Observation id
title	HRC-I FOCUS CHECK	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA [deg]
dec_targ	0.589972	Observer's specified target Dec [deg]
ra_nom	54.198406120781	Nominal RA [deg]
dec_nom	0.58594709115295	Nominal Dec [deg]
roll_nom	311.67034640175	Nominal Roll [deg]
revision	5	Processing version of data
ontime	0.0	[s]
livetime	0.0	Ontime multiplied by DTCOR
l2events	0	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	1350.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	0.0	[s]
caldbver	4.5.1.1	 	l1events	67594	Number of level 1 events
date	2012-09-04T18:11:09	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

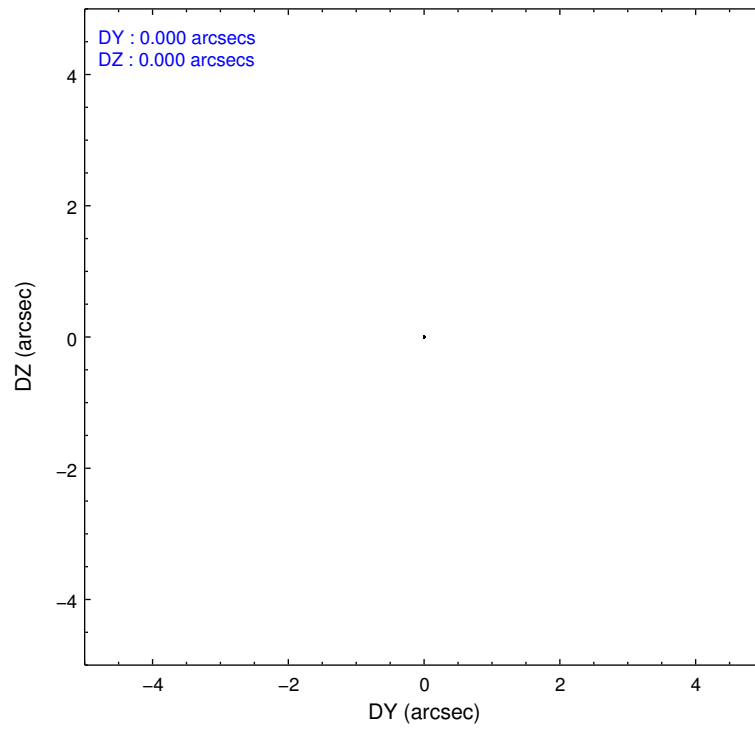
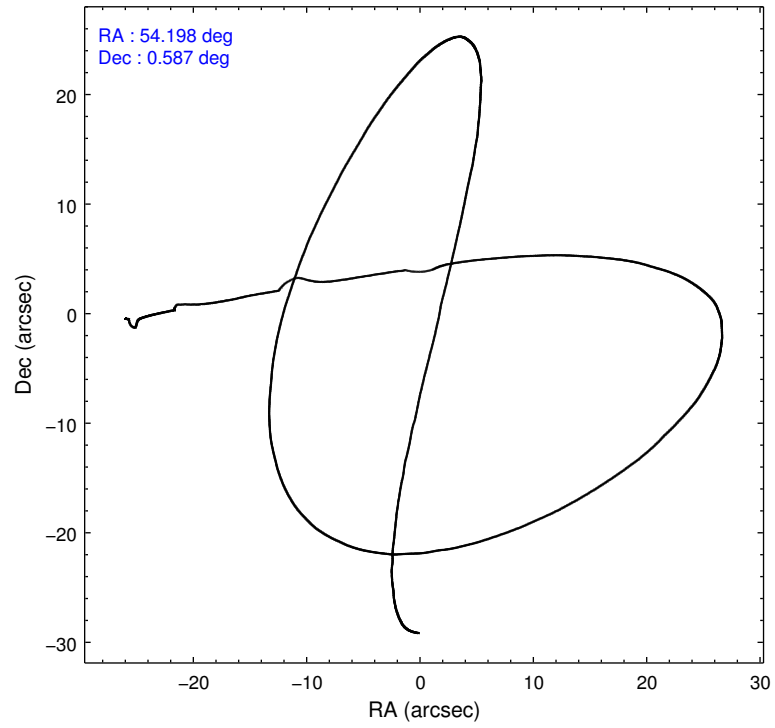
	segment 0
level 1 events	67594
rejected events	0
rejected %	0%

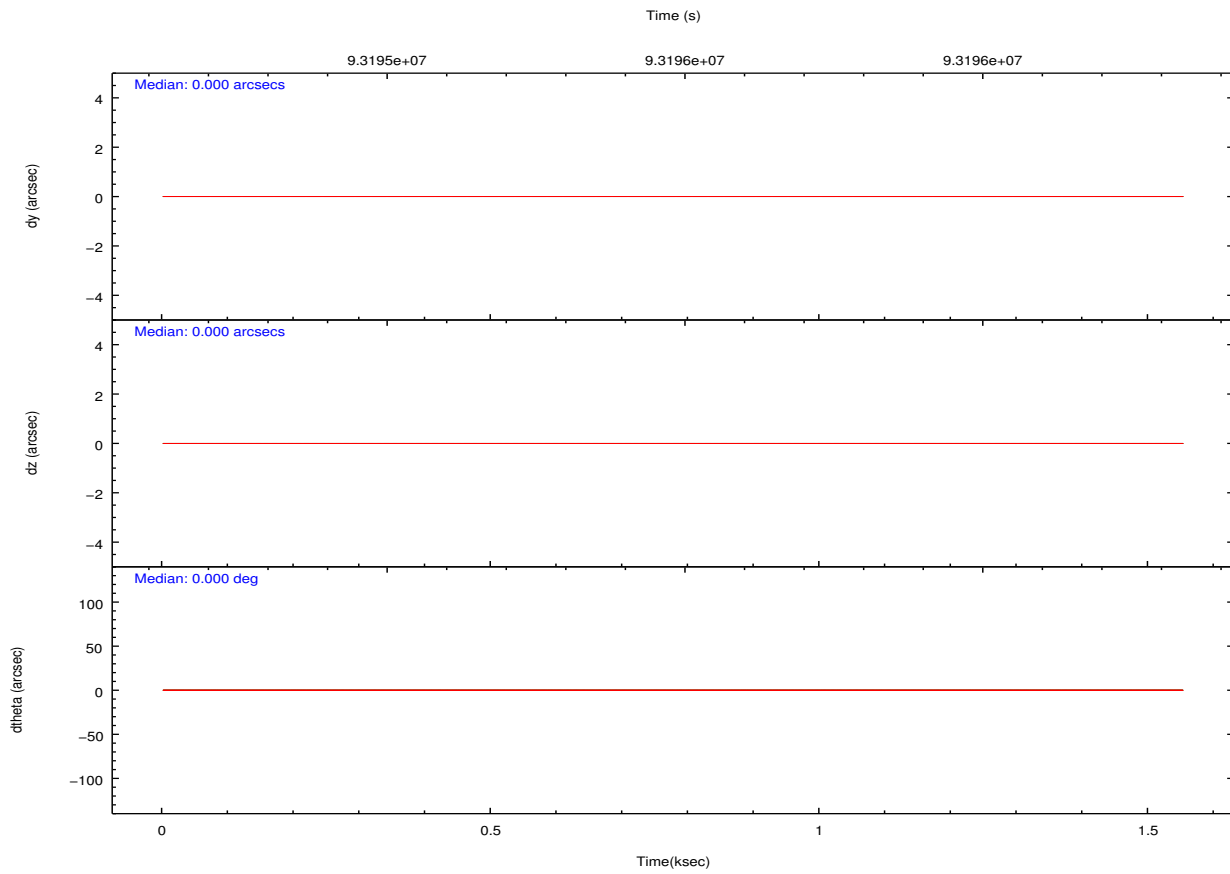
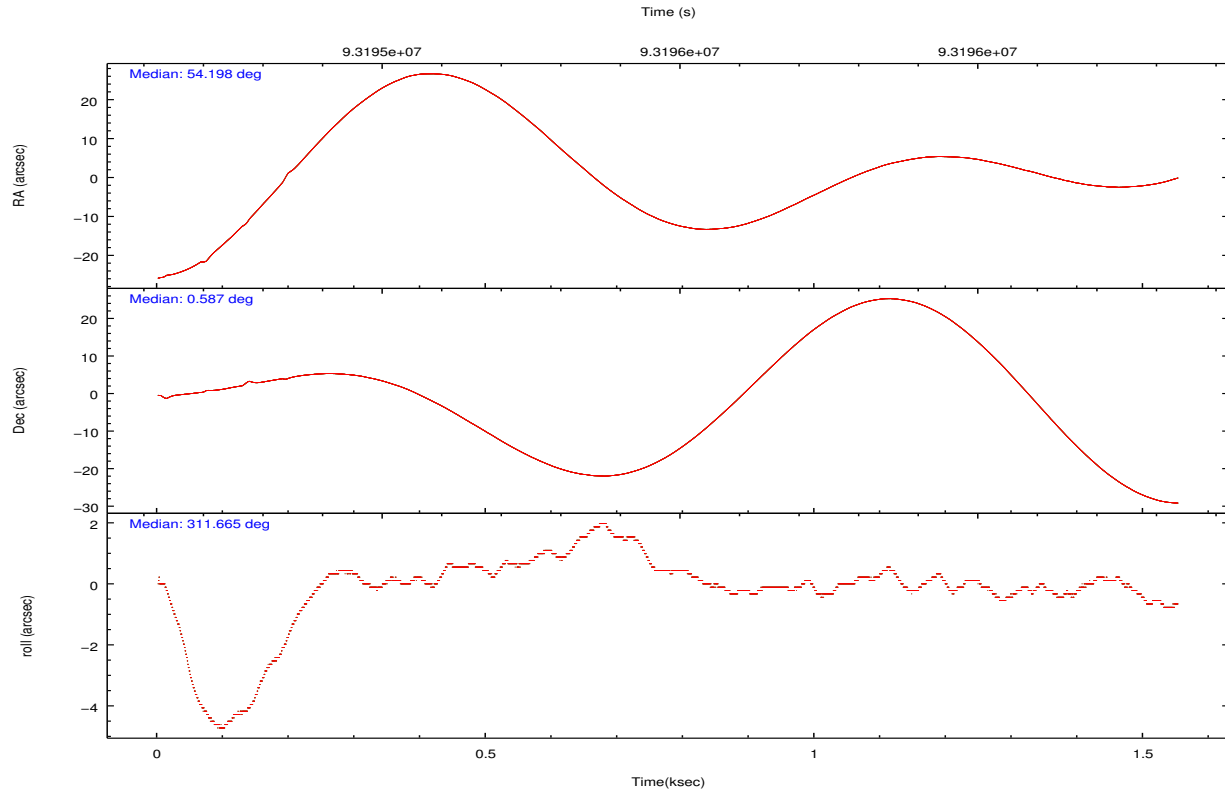
2.2 Compared Parameters

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	54.172517	54.1984061207812
[deg] Pointing Dec	0.593958	0.5859470911529457
[deg] Pointing Roll	311.766064	311.670346401748
[s] Window start time (MET)	89424064.184000	89424064.184000
[s] Window stop time (MET)	94521664.184000	94521664.184000
[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)	93194908.184000	93194531.493876
Observation start date	2000-12-14T15:27:24	2000-12-14T15:22:11
[s] Observation end time (MET)	93196258.184000	93196391.868947
Observation end date	2000-12-14T15:49:54	2000-12-14T15:53:11

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

2.3 Aspect



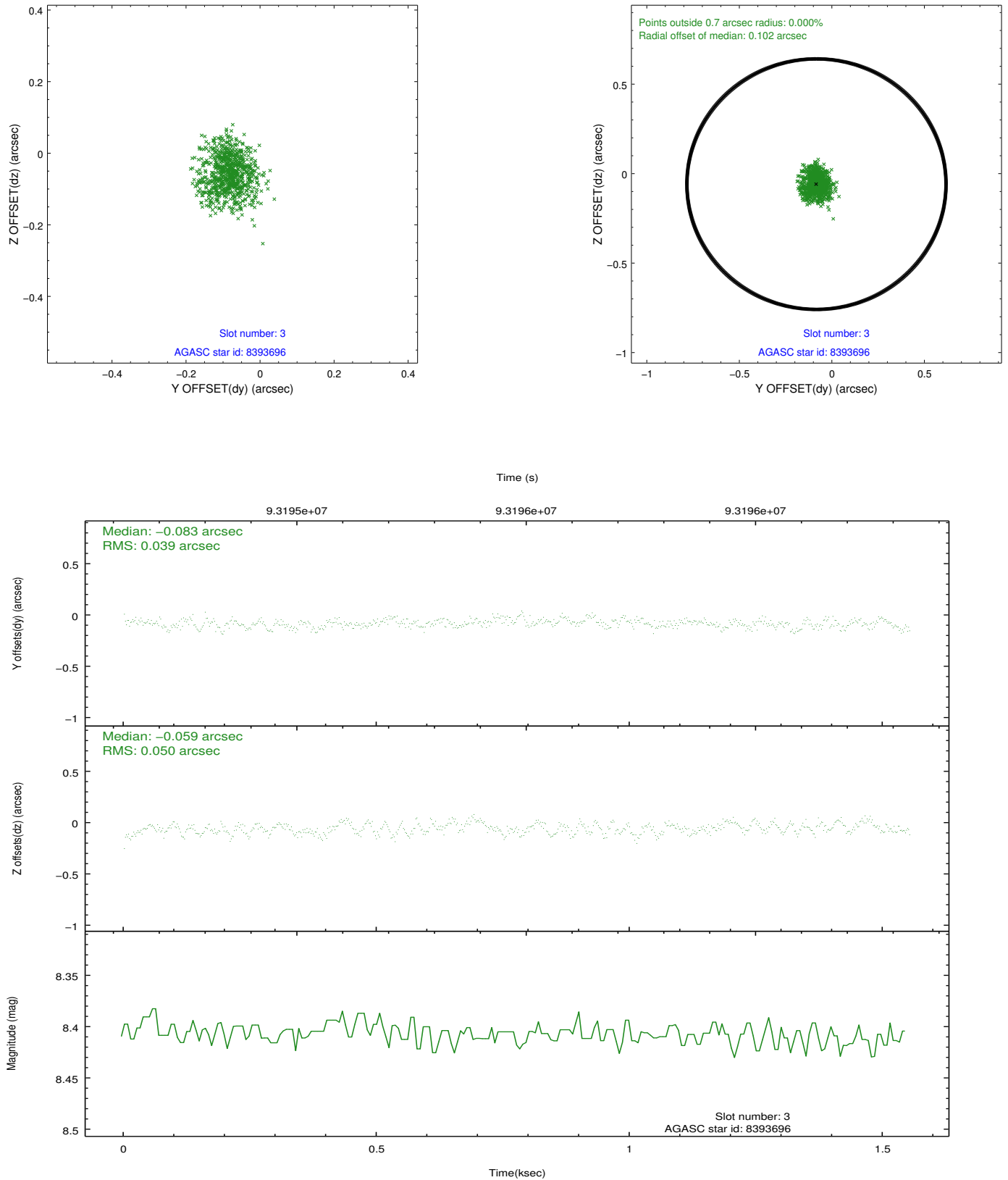


Slot Statistics

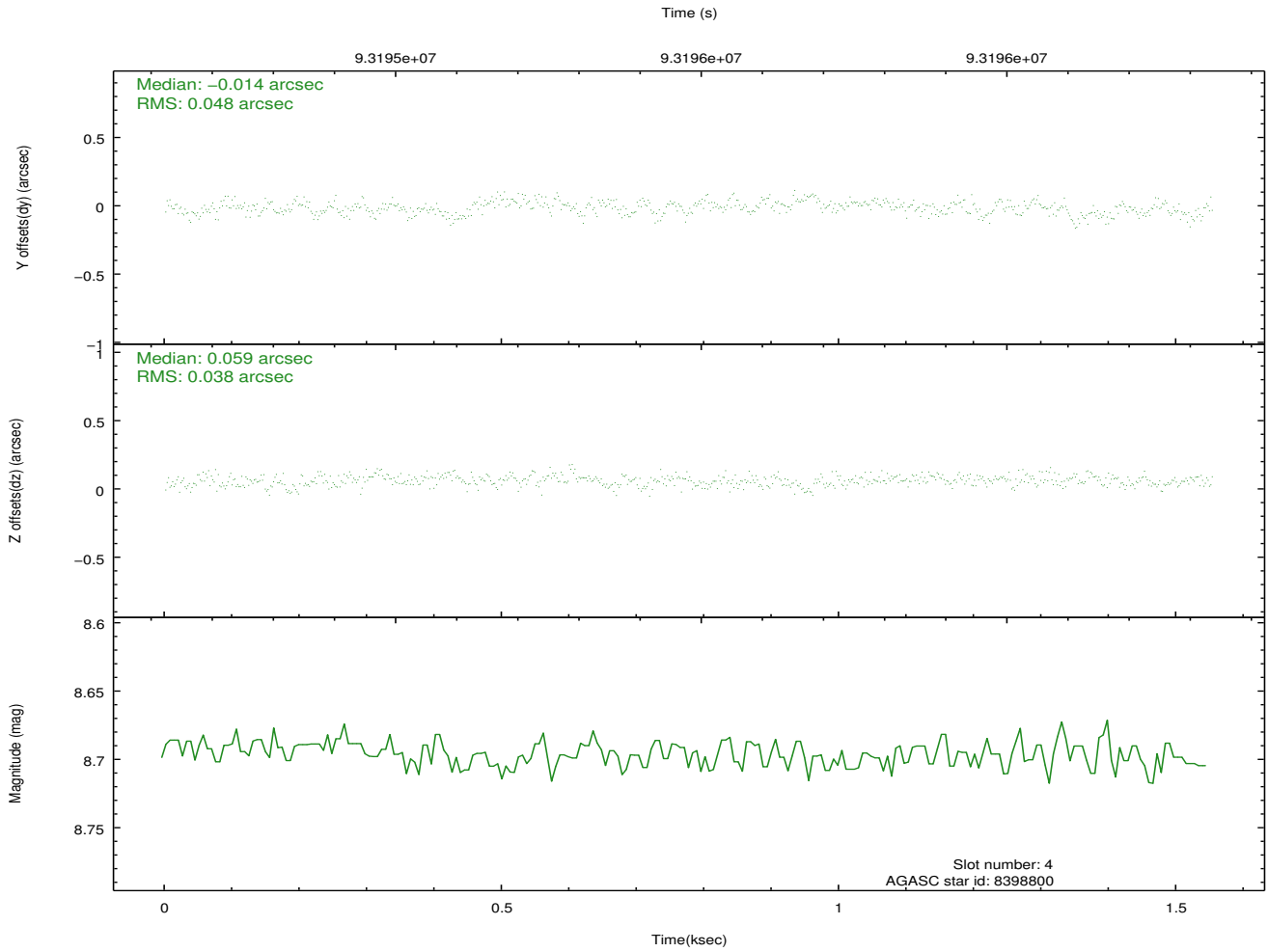
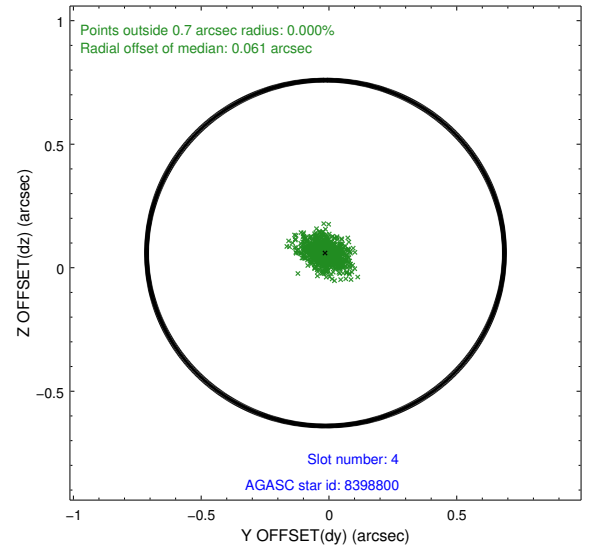
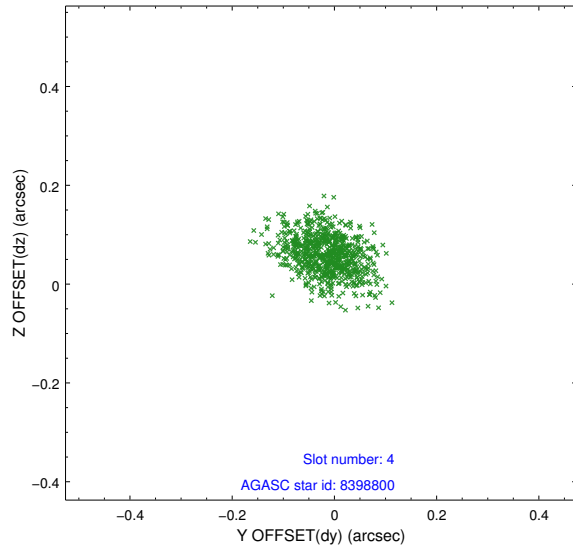
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	BAD	HRC-I-1	6.95	34	-3.634	-2.840	0.016	0.029	0.000000	0.000000	-758.83	-1290.55
1	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
2	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	8393696	8.41	758	-0.083	-0.059	0.069	0.106	53.645666	0.680479	-1494.01	-1207.06
4	GUIDE	8398800	8.70	758	-0.014	0.059	0.065	0.108	54.242352	0.922024	-713.95	972.78
5	GUIDE	8395104	8.67	758	-0.040	0.052	0.089	0.139	54.744893	0.796520	828.88	2024.23
6	GUIDE	8390744	9.02	758	-0.047	0.070	0.066	0.111	53.677290	0.926294	-2077.11	-529.87
7	GUIDE	618141232	8.99	757	0.179	-0.120	0.105	0.165	54.173459	-0.292336	2381.43	-2123.23

2.4 Star Slots

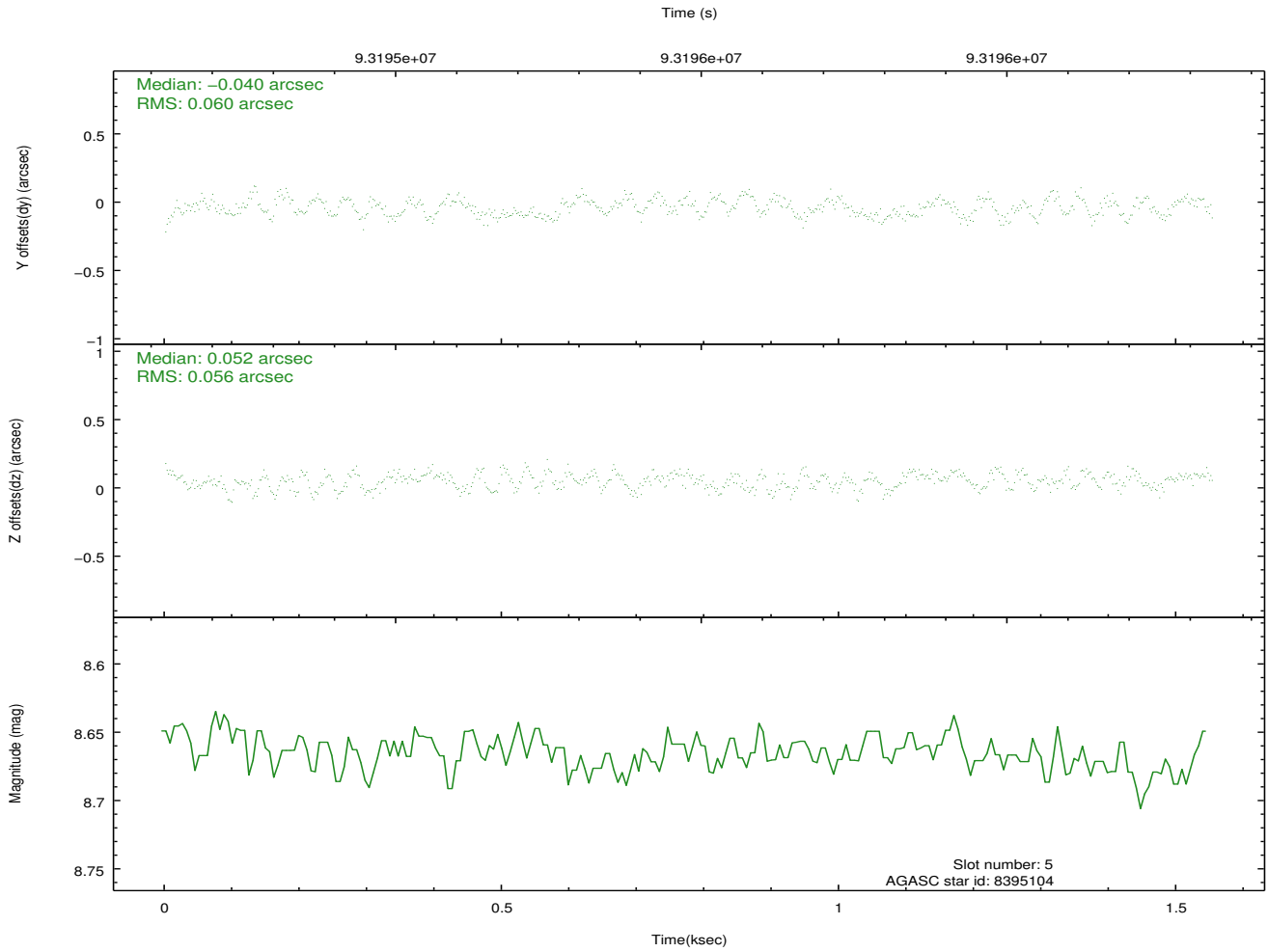
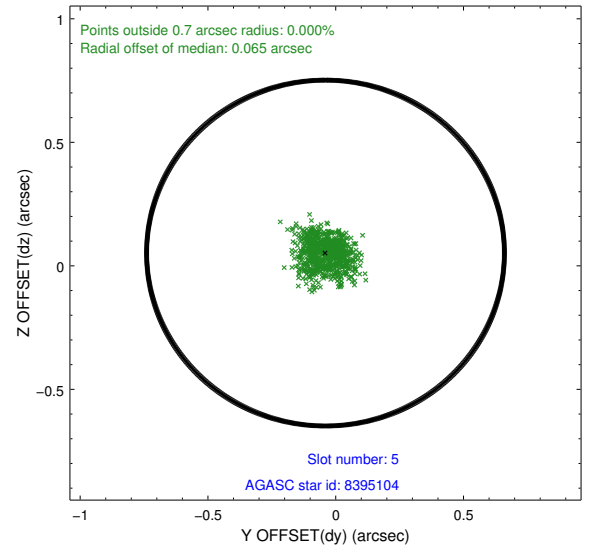
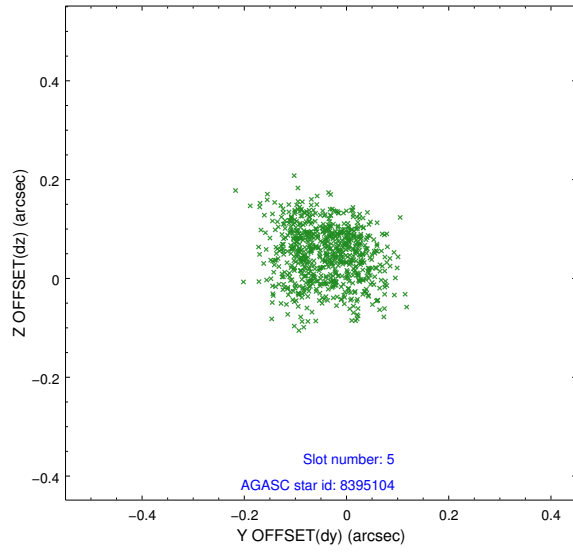
2.4.1 Slot 3



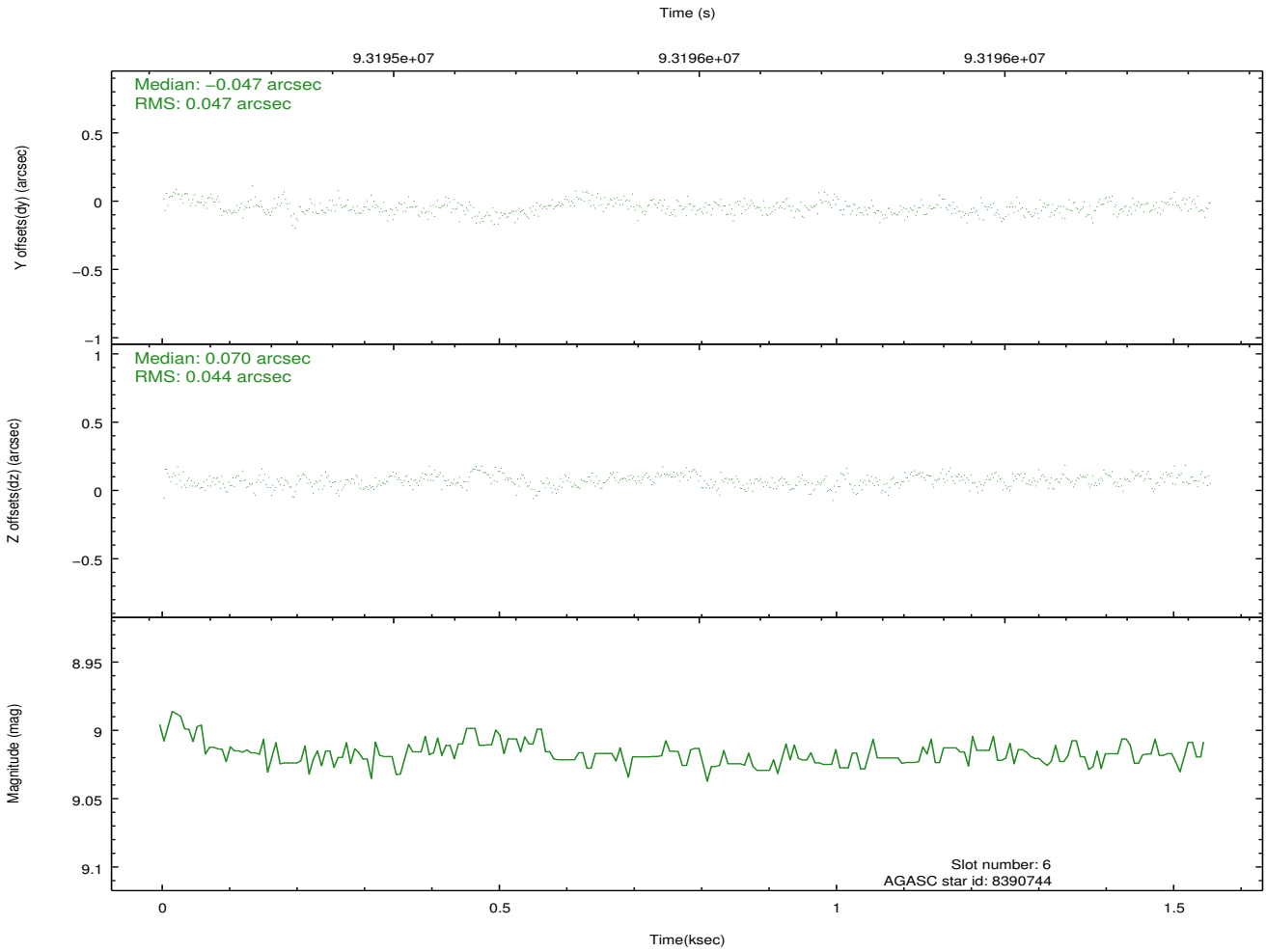
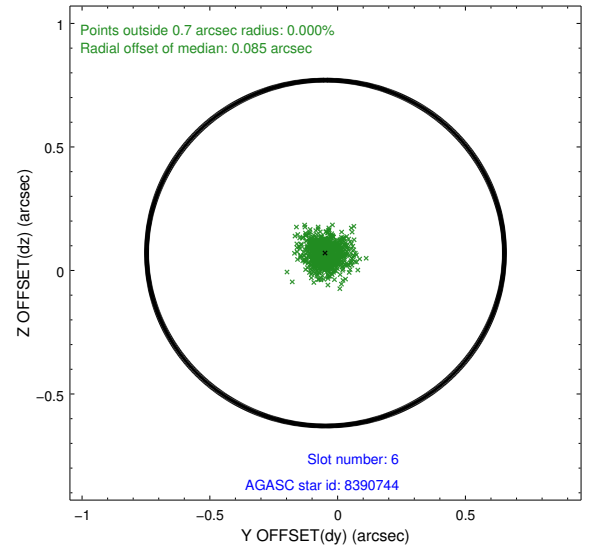
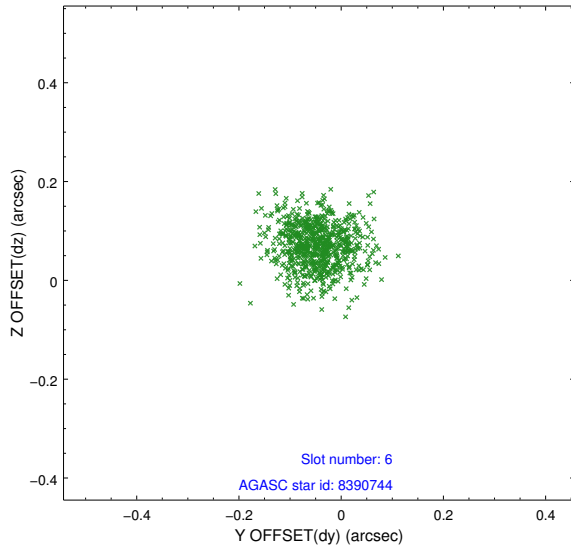
2.4.2 Slot 4



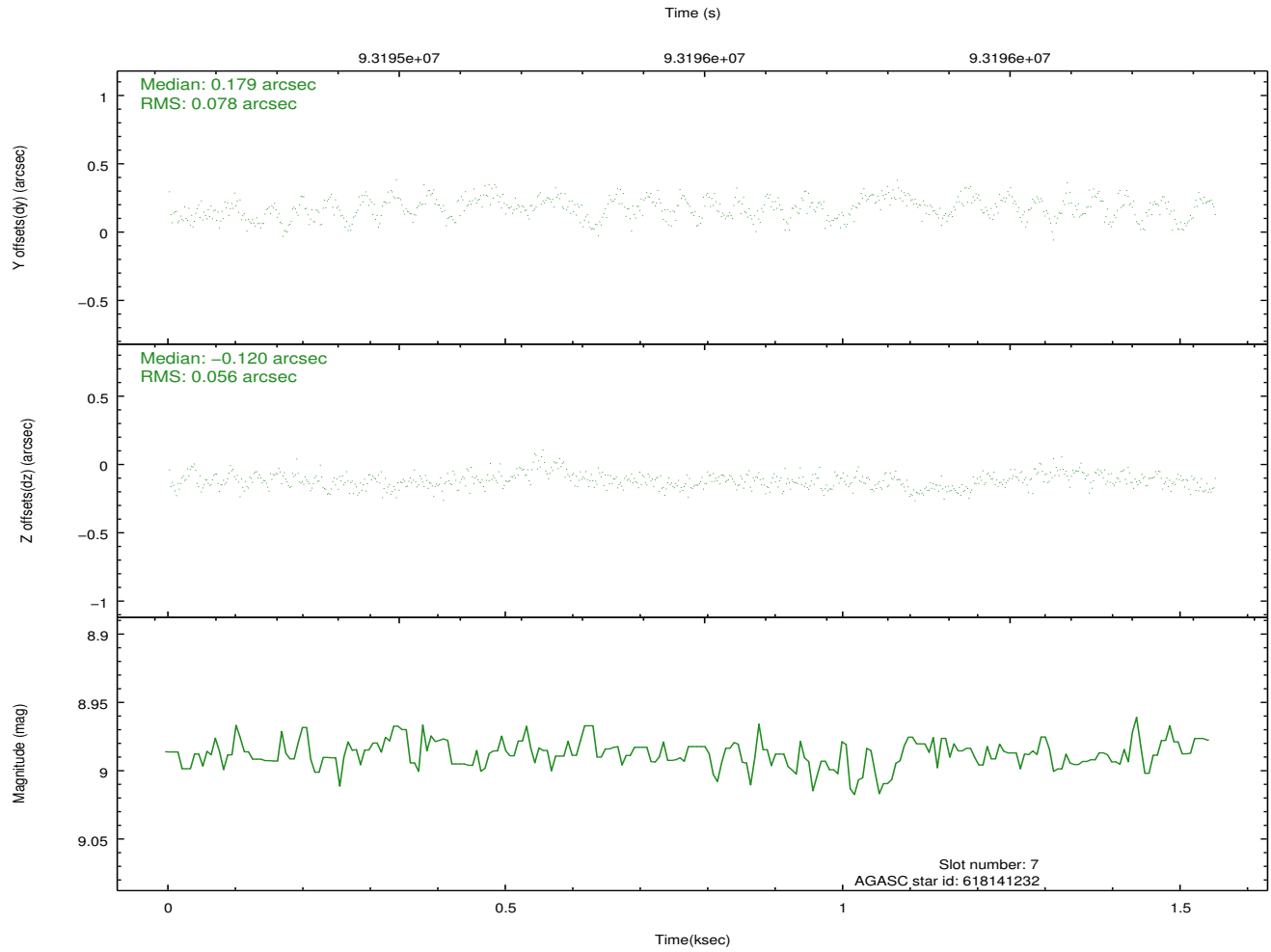
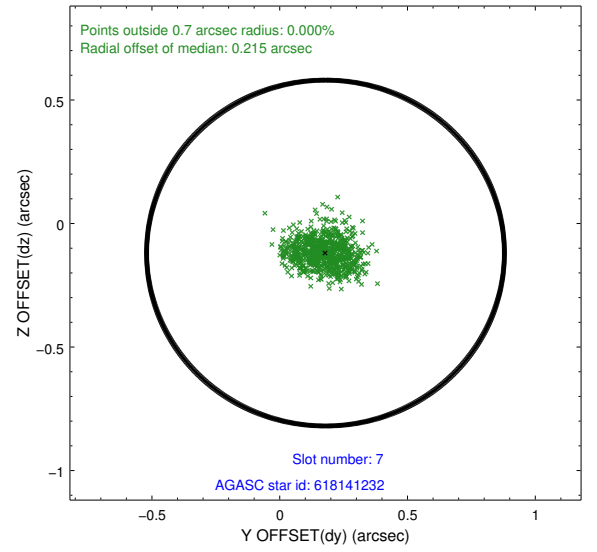
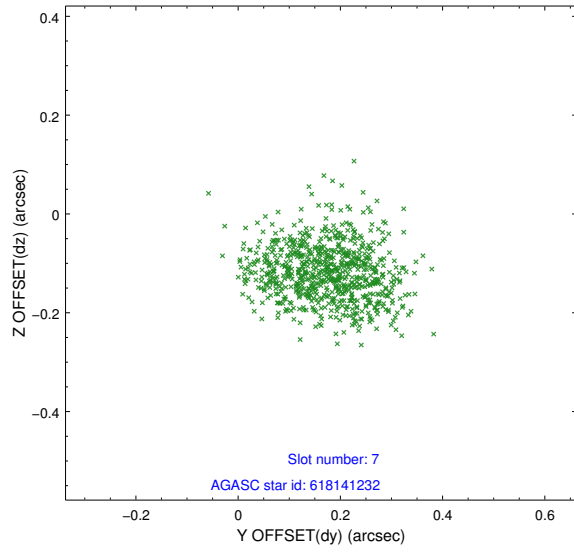
2.4.3 Slot 5



2.4.4 Slot 6

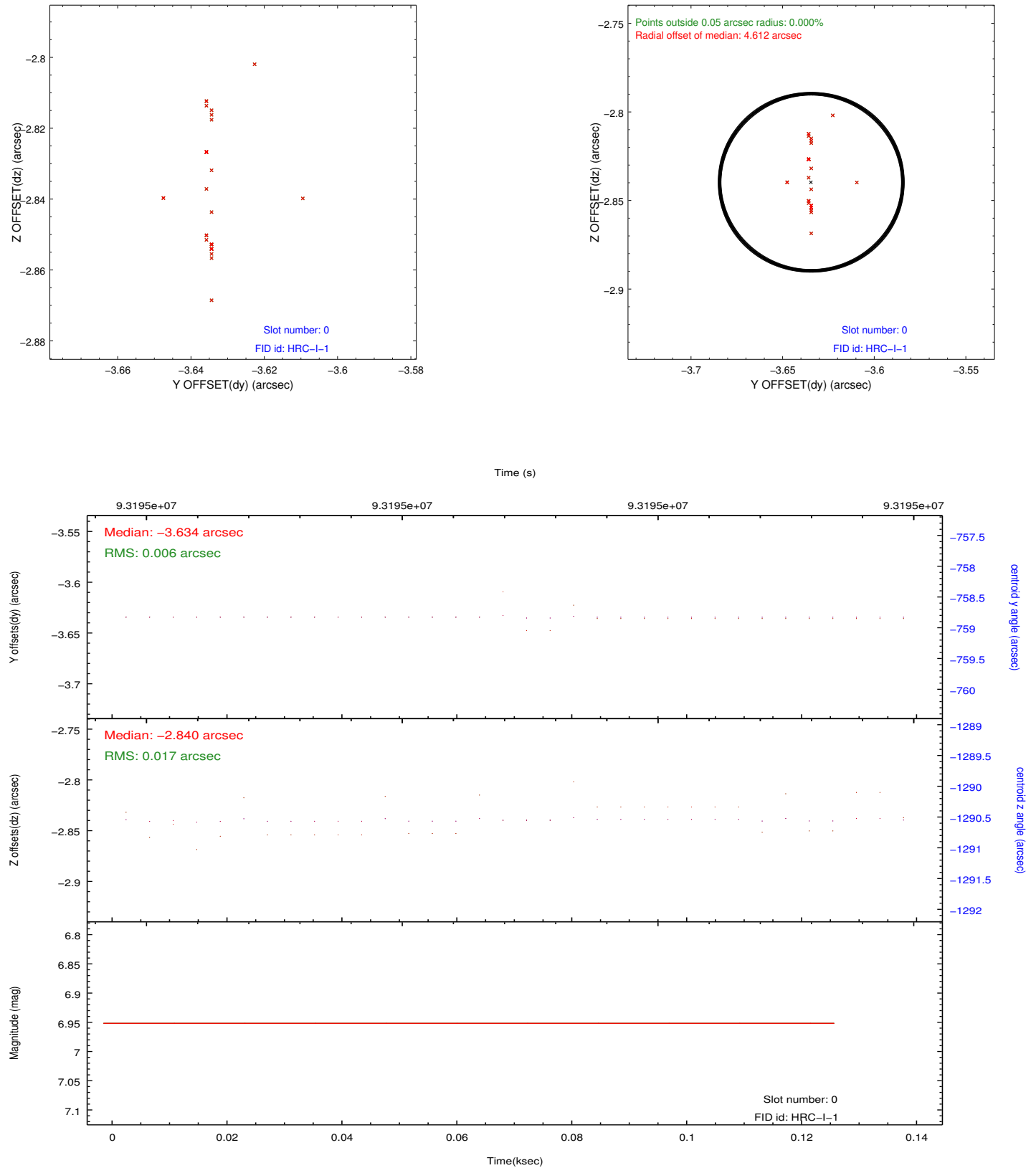


2.4.5 Slot 7



2.5 FID Slots

2.5.1 Slot 0



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5511

A.2 Comments

Window constraint met.

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While previous processings of this obsid used the bad fid light in order to produce some Level 2 events, the current processing has no usable fid light data, per the aspect team. Reprocessing will not improve the observation. There are no Level 2 events because of the lack of fid light data.

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The charge time remains at the original 1.5511 ksec, although the current processing would have resulted in a charge time of 0 ksec.