

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1212 - L2 Version 3

Chandra X-Ray Center

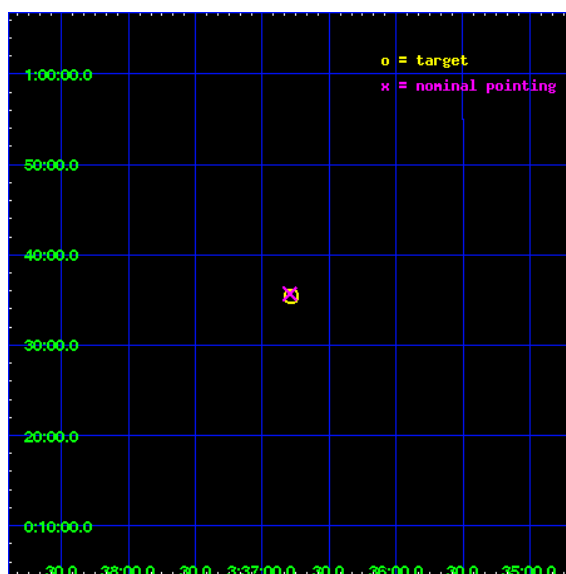
L2 Processing Date : Jan 12 2010

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1 Front

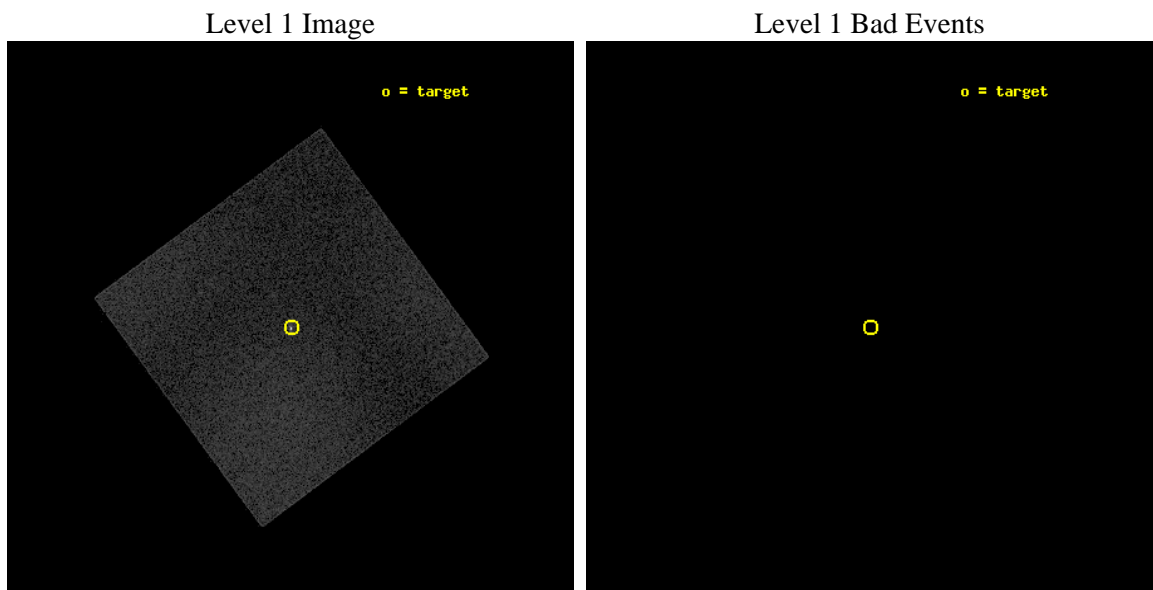
seq_num	280162	Sequence number
obs_id	1212	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.198394625229	Nominal RA
dec_nom	0.59459126589499	Nominal Dec
roll_nom	98.458535518622	Nominal Roll
revision	3	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	2000.000000	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	0.0	[s]
caldbver	4.1.5	 	l1events	129408	Number of level 1 events
date	2010-01-12T20:00:31	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

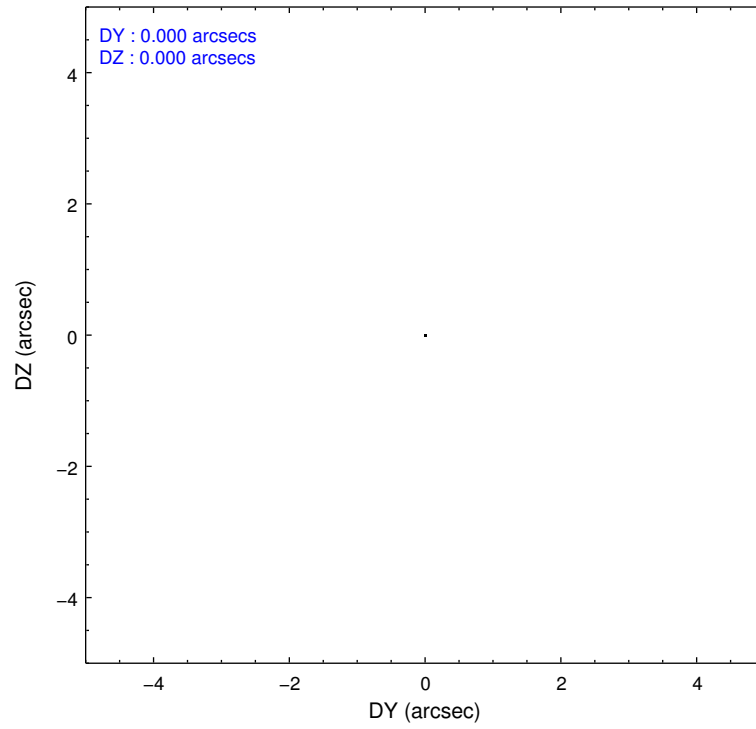
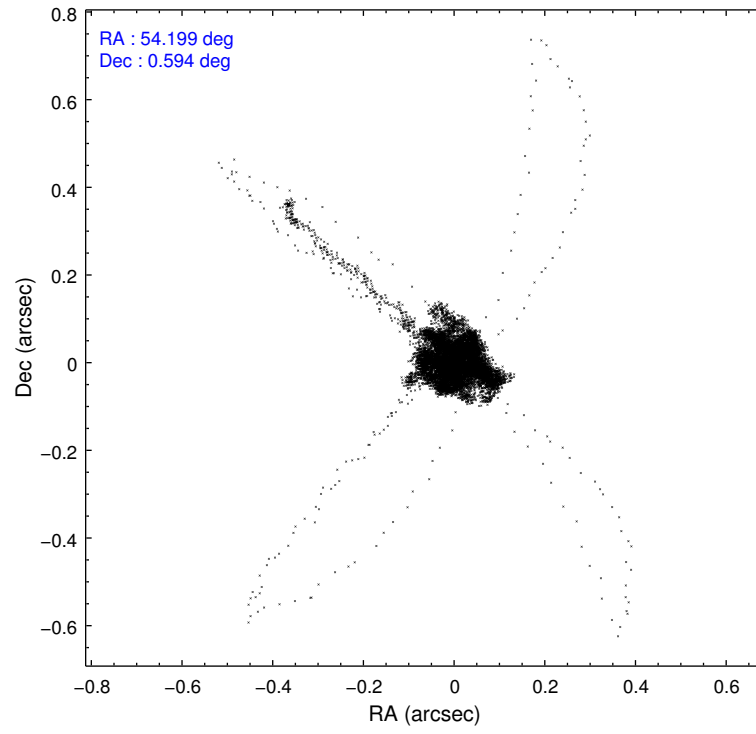
Level 1 Events

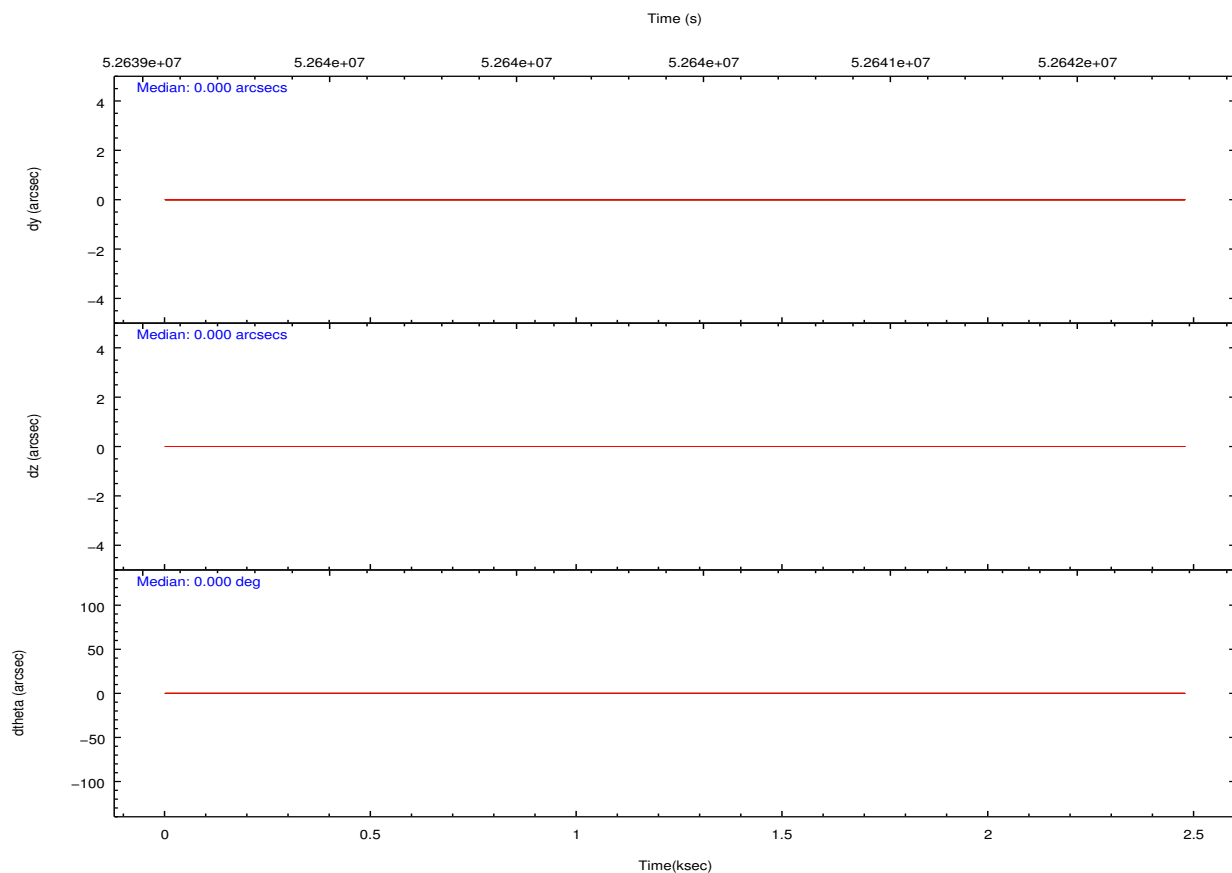
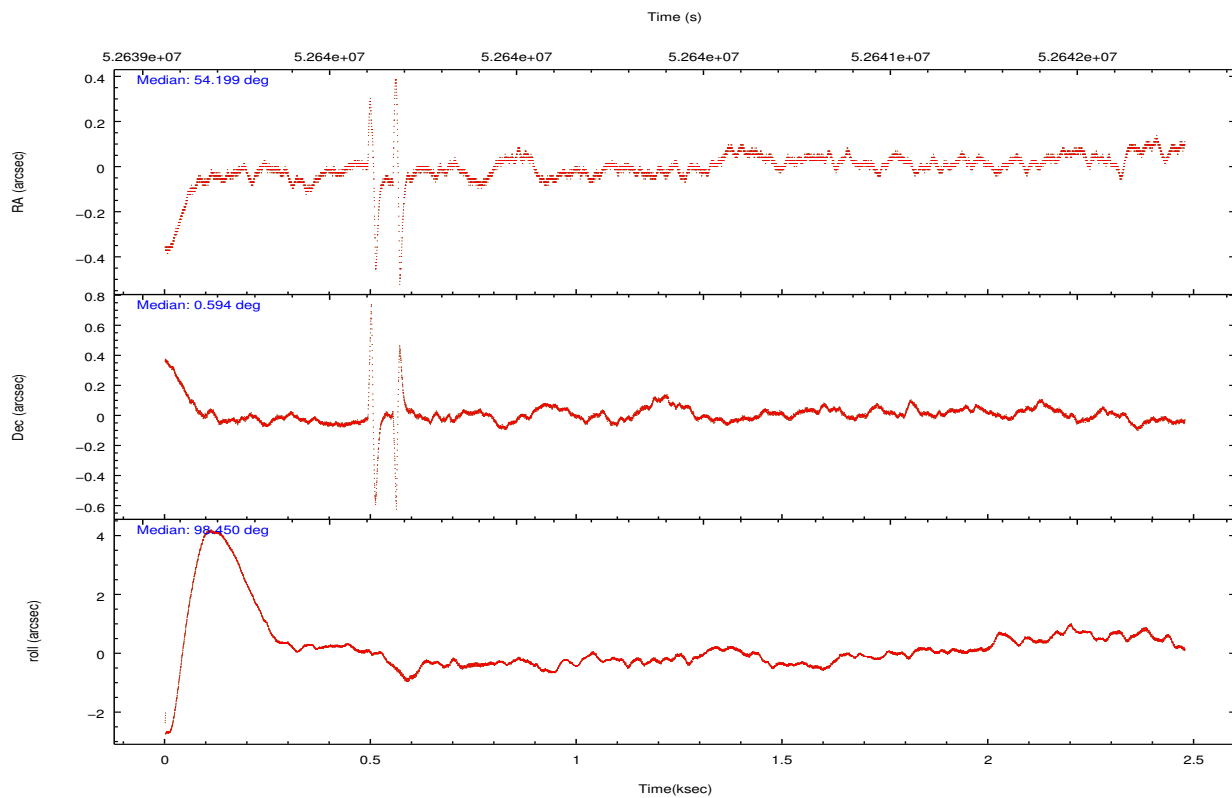
	segment 0
level 1 events	129408
rejected events	0
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	54.215454	54.19839462522877			
Pointing Dec	0.573185	0.5945912658949919			
Pointing Roll	98.553849	98.45853551862226			
SIM focus pos (mm)	-1.040293	-1.016036269358593			
SIM defocus (mm)	0	0.02425635130028114			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	52639664.184000	52638997.6162			
Observation start date	1999-09-02T06:06:40	1999-09-02T05:56:37			
Observation end time	52641664.184000	52641797.4038			
Observation end date	1999-09-02T06:40:00	1999-09-02T06:43:17			

2.3 Aspect



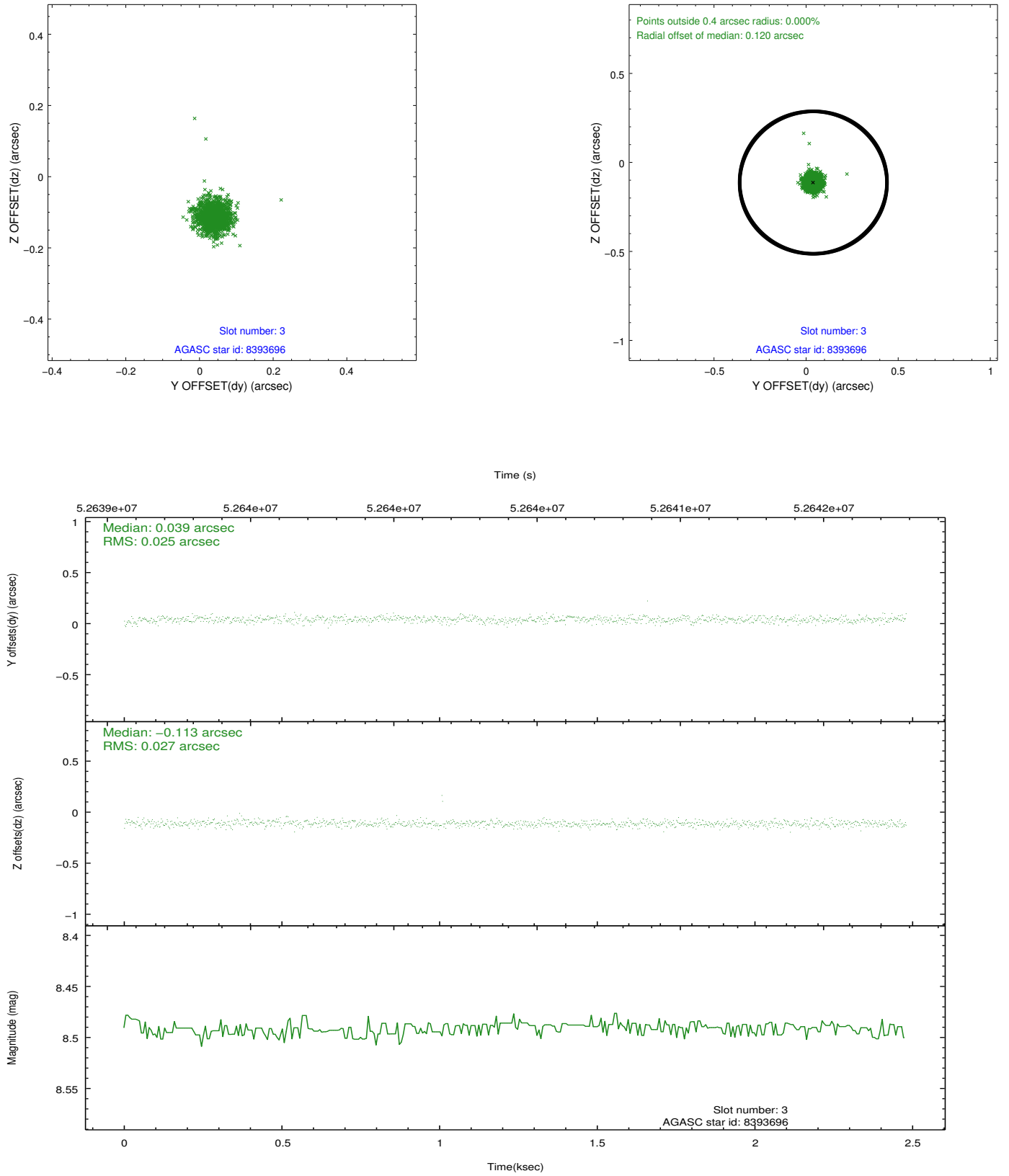


Slot Statistics

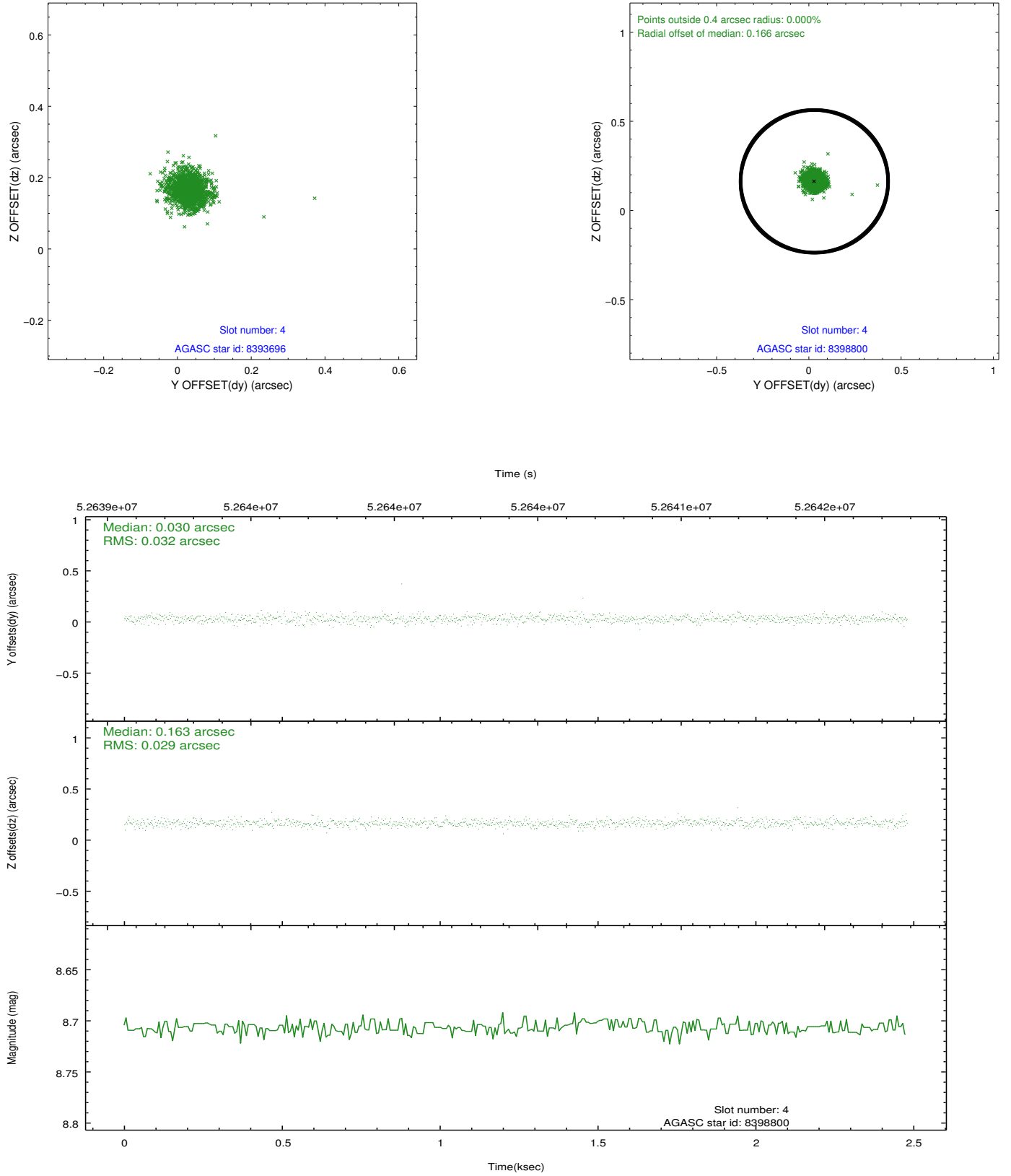
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	BAD	HRC-I-1	6.96	250	-0.301	1.199	0.032	0.044	0.000000	0.000000	-755.49	-1286.57
1	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
2	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	8393696	8.49	1207	0.039	-0.113	0.036	0.060	53.645666	0.680479	687.48	1971.13
4	GUIDE	8398800	8.71	1207	0.030	0.163	0.043	0.071	54.242352	0.922024	1228.63	-280.24
5	GUIDE	8390744	9.05	1207	0.023	-0.108	0.047	0.077	53.677290	0.926294	1546.66	1726.76
6	GUIDE	8395104	8.66	1207	0.093	0.150	0.040	0.066	54.744893	0.796520	513.92	-2002.21
7	GUIDE	8399352	9.94	1208	-0.181	-0.096	0.086	0.146	53.946831	1.204693	2392.68	616.89

2.4 Star Slots

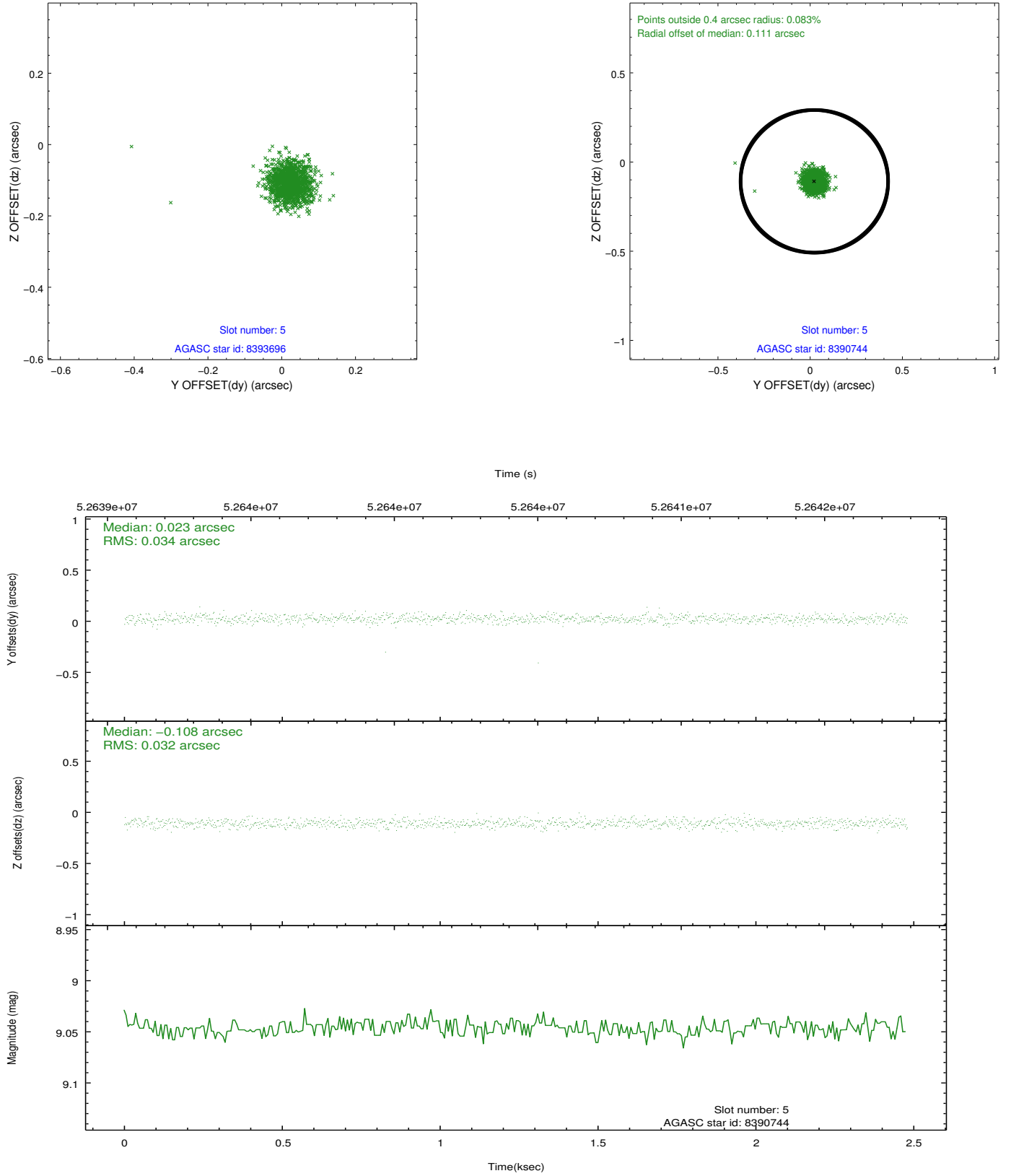
2.4.1 Slot 3



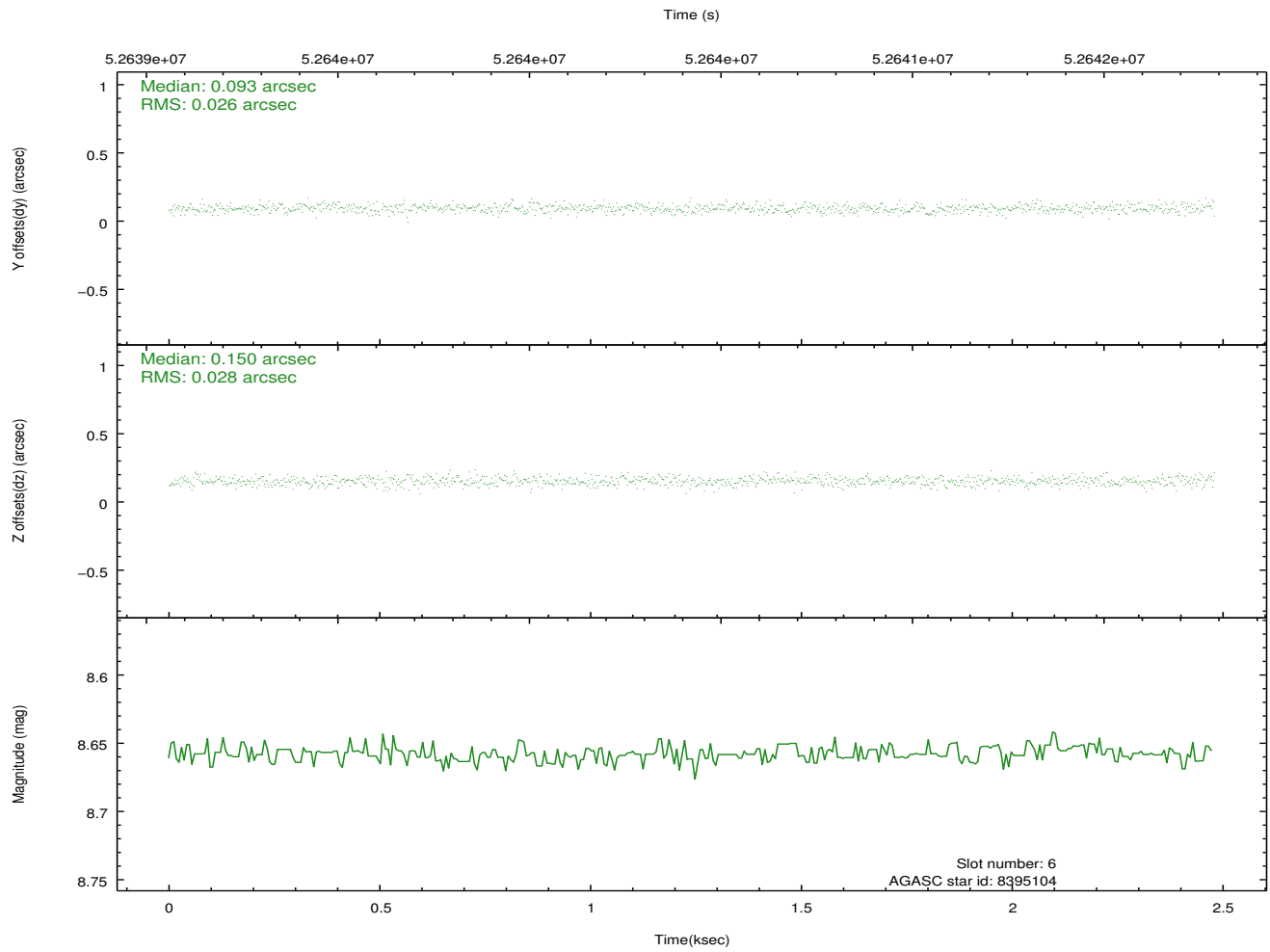
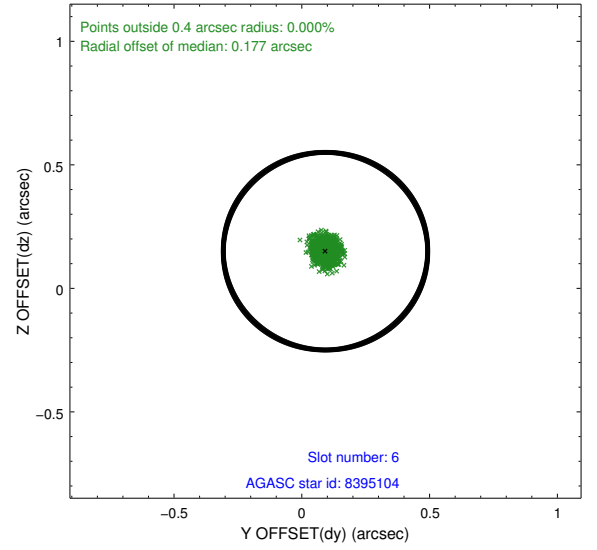
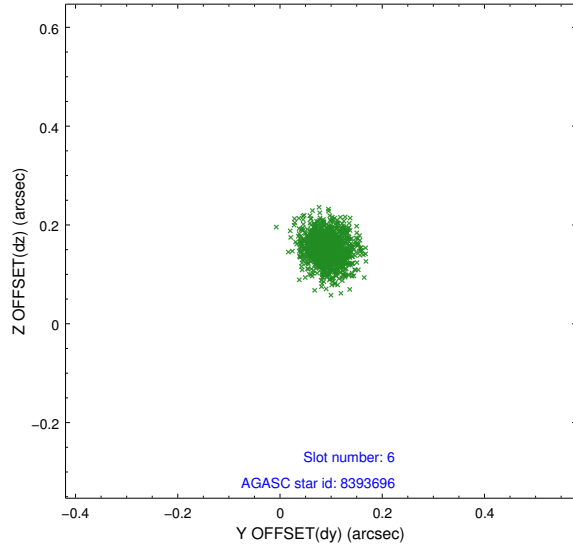
2.4.2 Slot 4



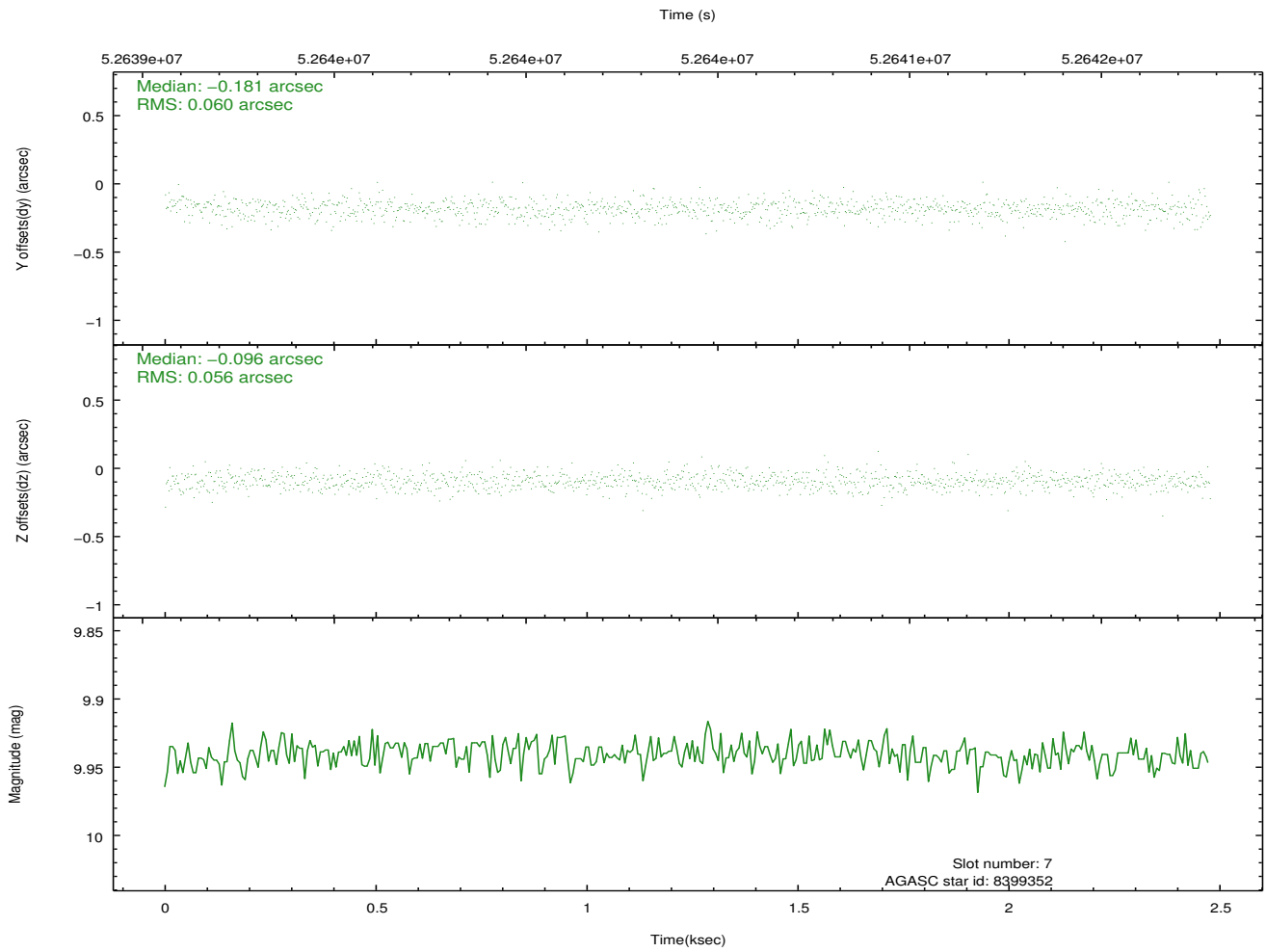
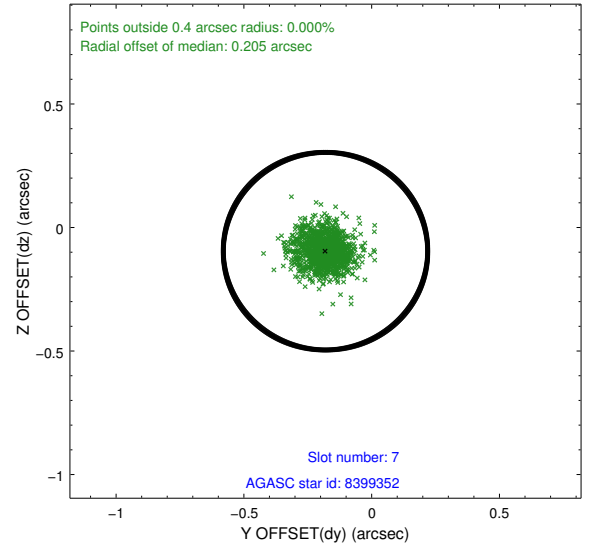
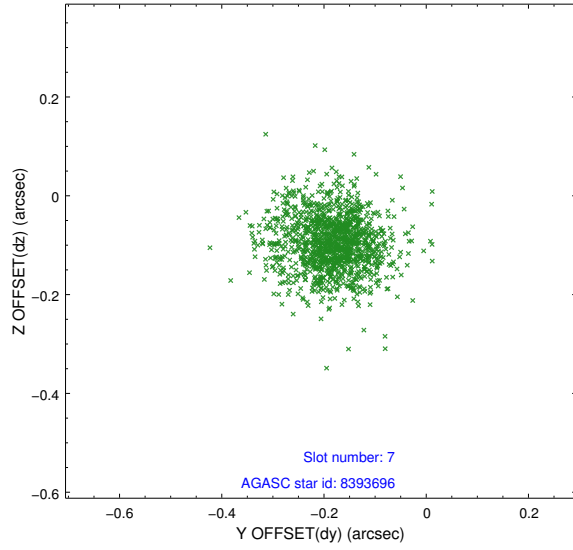
2.4.3 Slot 5



2.4.4 Slot 6

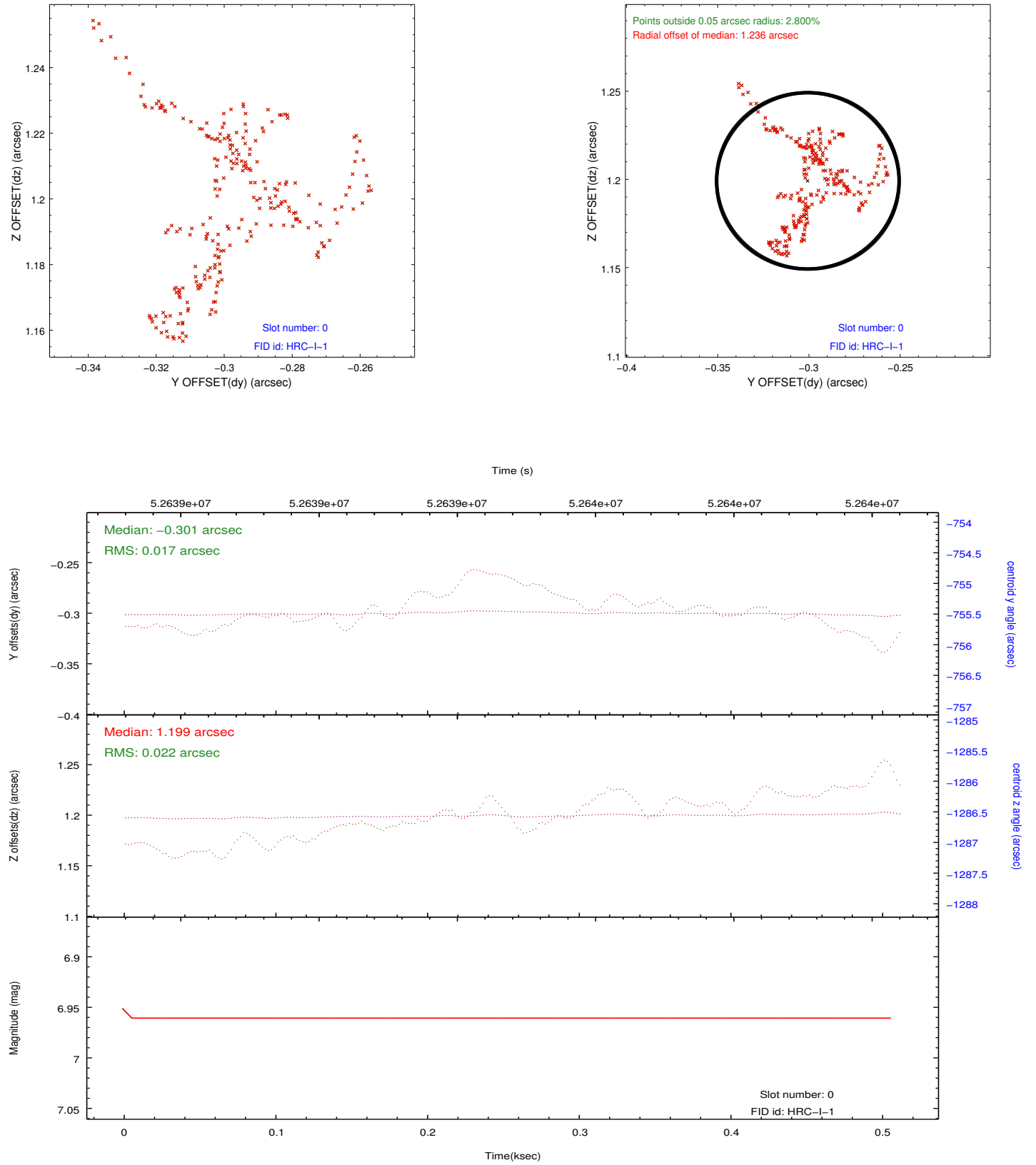


2.4.5 Slot 7



2.5 FID Slots

2.5.1 Slot 0



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.671

A.2 Comments

HRC shutter focus measurements at nominal aim point.

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Charge time for this ObsId remains at original value of 1.671 ks,
although
with the current processing the charge time would have been 0.0 ksec.

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All 3 fid lights were blocked by the HRC shutter. There is no explicit
boresight alignment
information without fid lights. There are no GTI times for this
observation because there
are no fid light data. Therefore there are no Level 2 events.