

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1143 - L2 Version 4

Chandra X-Ray Center

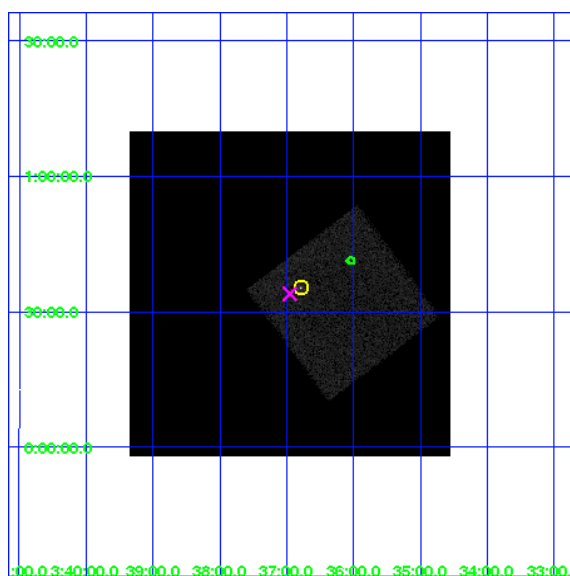
L2 Processing Date : Jan 12 2010

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1 Front

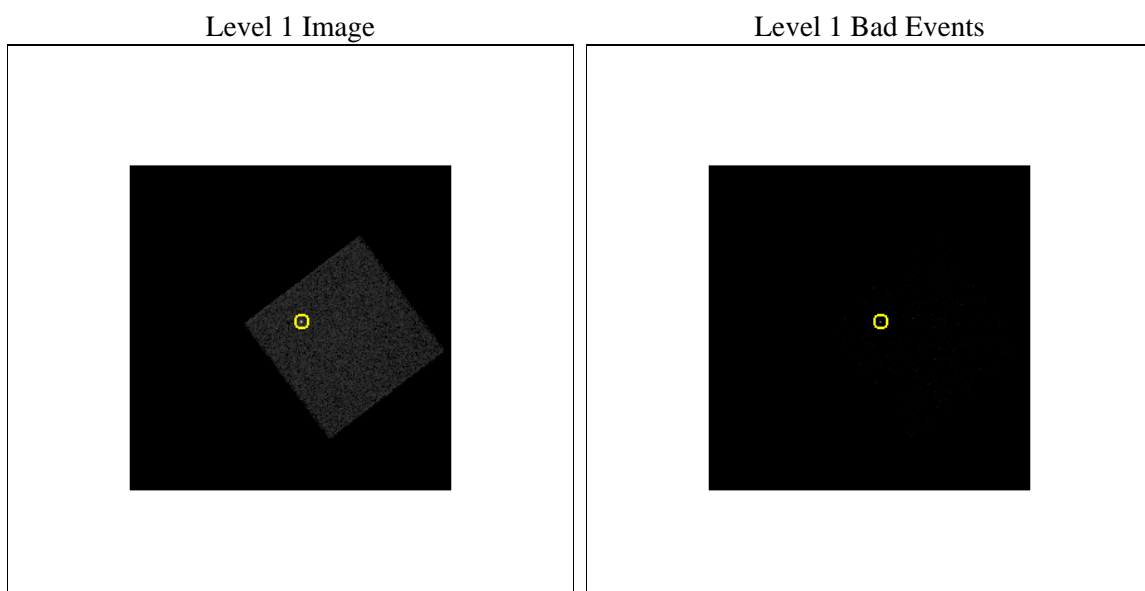
seq_num	280093	Sequence number
obs_id	1143	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.237914208423	Nominal RA
dec_nom	0.56597669293885	Nominal Dec
roll_nom	98.068985119329	Nominal Roll
revision	4	Processing version of data
ontime	794.63127853721	[s]
livetime	788.05753954908	Ontime multiplied by DTCOR
l2events	34147	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	1000.000000	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	794.63127853721	[s]
caldbver	4.1.5	 	l1events	55124	Number of level 1 events
date	2010-01-13T00:07:02	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

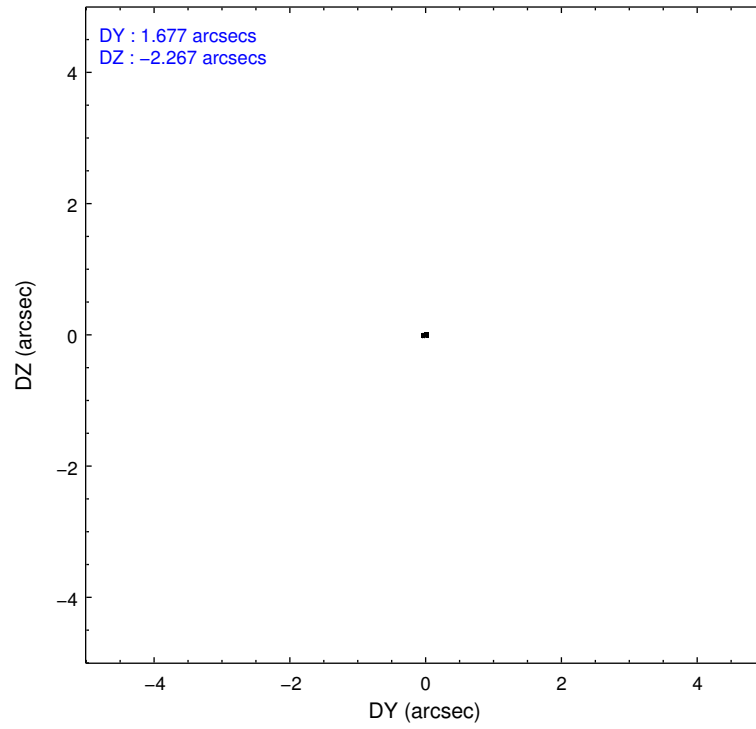
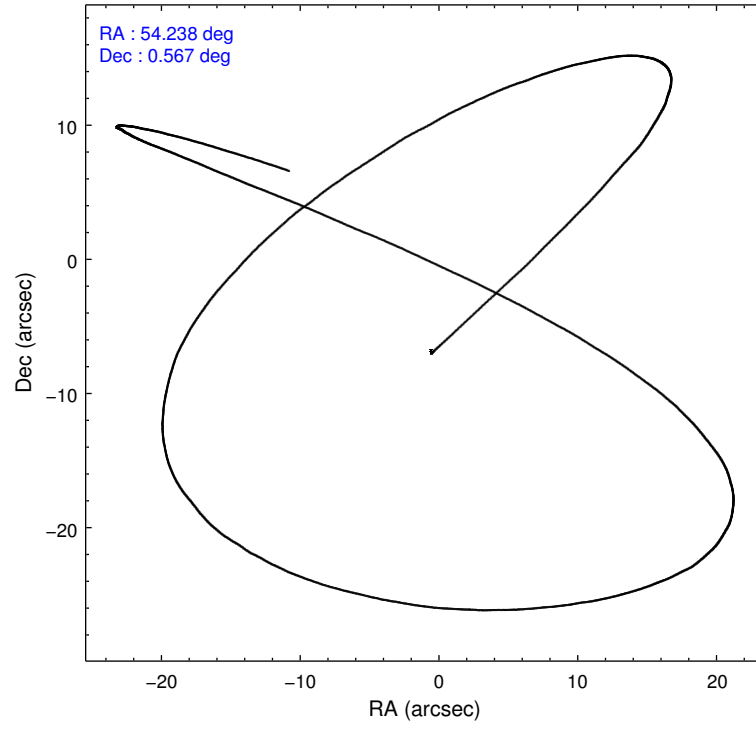
Level 1 Events

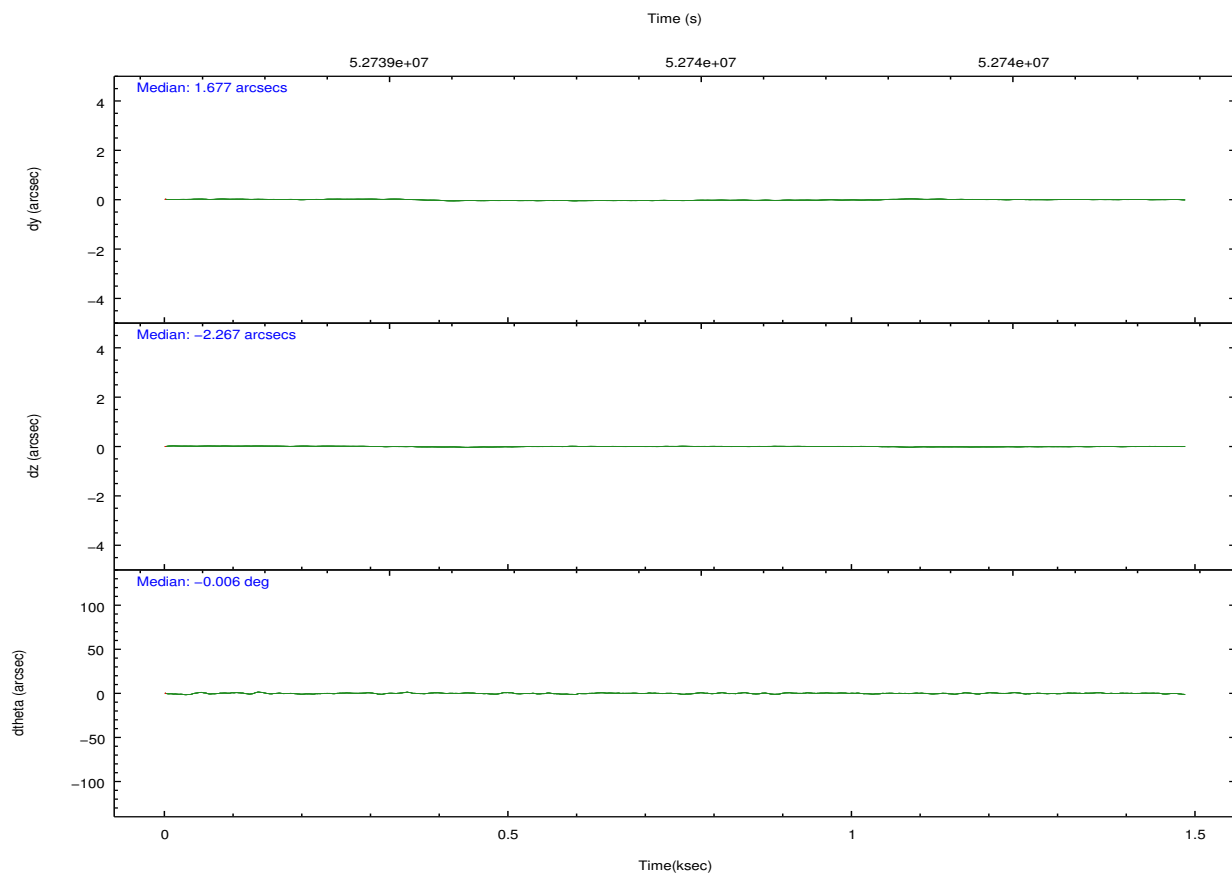
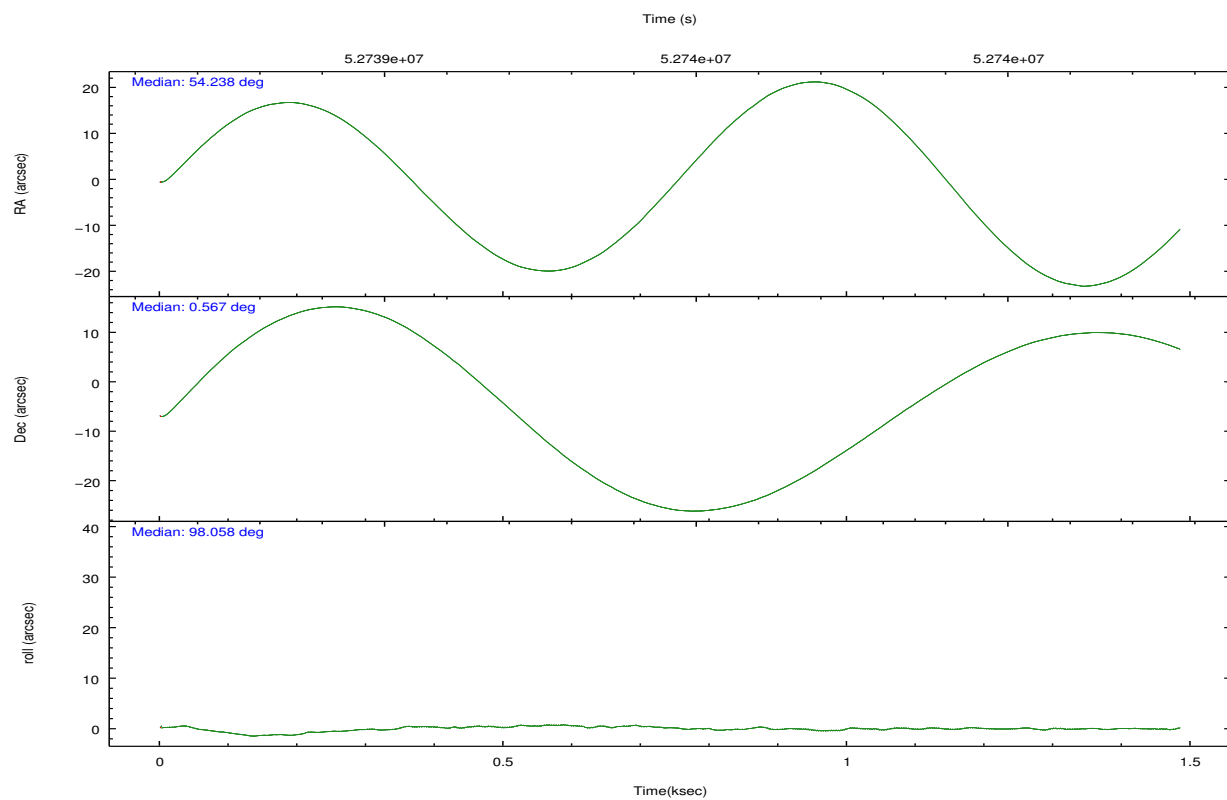
	segment 0
level 1 events	55124
rejected events	3231
rejected %	5%

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	54.254957	54.23791420842271			
Pointing Dec	0.543385	0.5659766929388516			
Pointing Roll	98.164302	98.06898511932873			
SIM focus pos (mm)	-1.040293	-1.300001029371461			
SIM defocus (mm)	0	-0.259708408712586			
SIM translation stage pos (mm)	91.869942	91.86553817309772			
SIM translation stage offset (mm)	35.115552	35.11995071850384			
Observation start time	52739202.184000	52738535.369774			
Observation start date	1999-09-03T09:45:38	1999-09-03T09:35:35			
Observation end time	52740202.184000	52740335.269839			
Observation end date	1999-09-03T10:02:18	1999-09-03T10:05:35			

2.3 Aspect



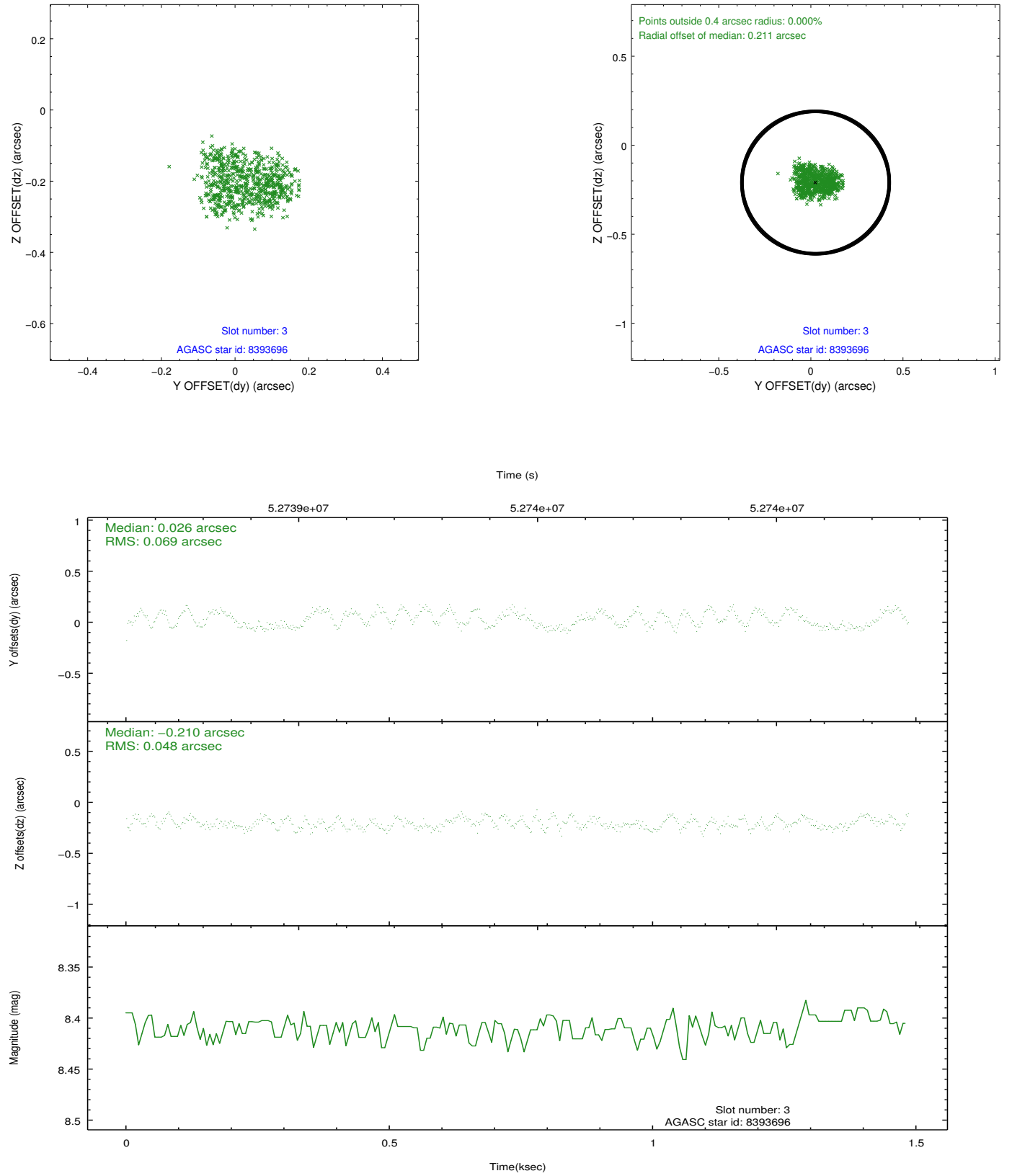


Slot Statistics

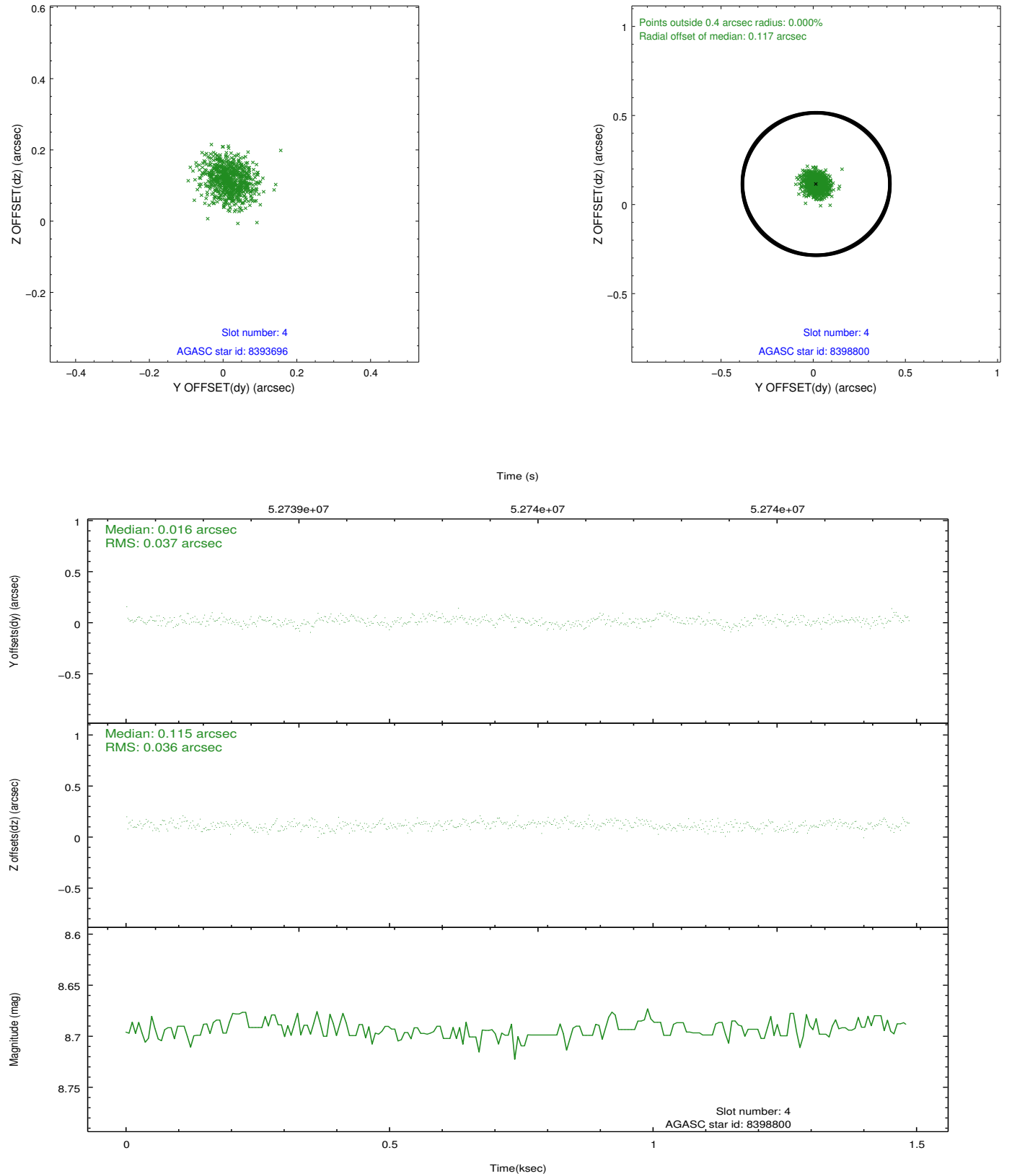
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	725	-0.263	-0.129	0.007	0.013	0.000000	0.000000	-755.82	-567.44
1	FID	HRC-I-3	7.01	725	0.251	-0.229	0.007	0.012	0.000000	0.000000	-1187.43	1739.90
2	FID	HRC-I-4	6.88	723	0.127	0.265	0.005	0.008	0.000000	0.000000	1283.06	1741.79
3	GUIDE	8393696	8.41	725	0.026	-0.210	0.093	0.129	53.645666	0.680479	795.60	2100.35
4	GUIDE	8398800	8.69	725	0.016	0.115	0.055	0.089	54.242352	0.922024	1352.68	-145.97
5	GUIDE	8390744	9.02	725	-0.031	-0.152	0.077	0.125	53.677290	0.926294	1657.24	1861.93
6	GUIDE	8395104	8.66	725	-0.023	0.178	0.072	0.122	54.744893	0.796520	650.13	-1872.84
7	GUIDE	8397624	9.54	723	0.013	0.066	0.121	0.203	54.812881	1.297049	2397.91	-2375.78

2.4 Star Slots

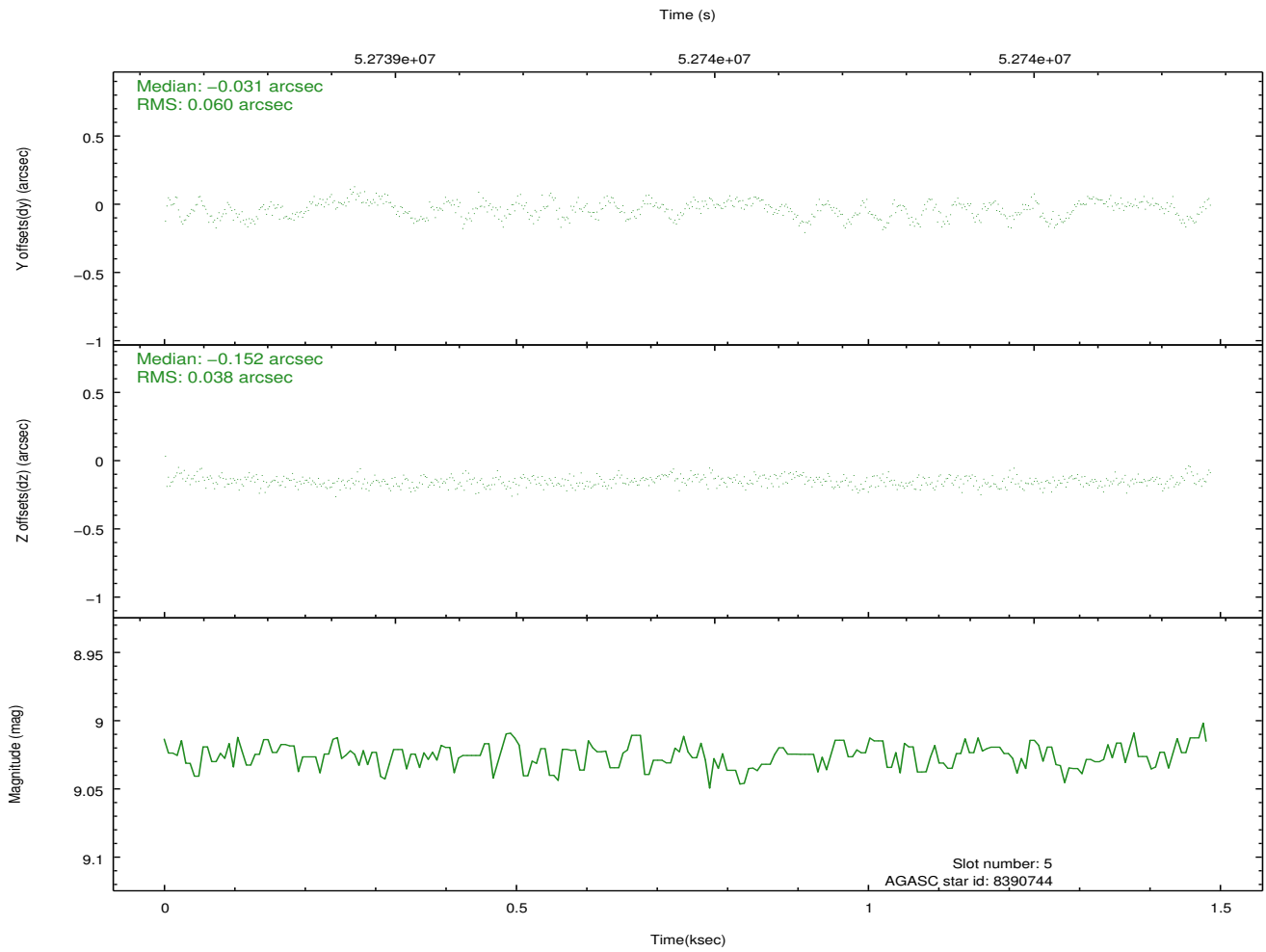
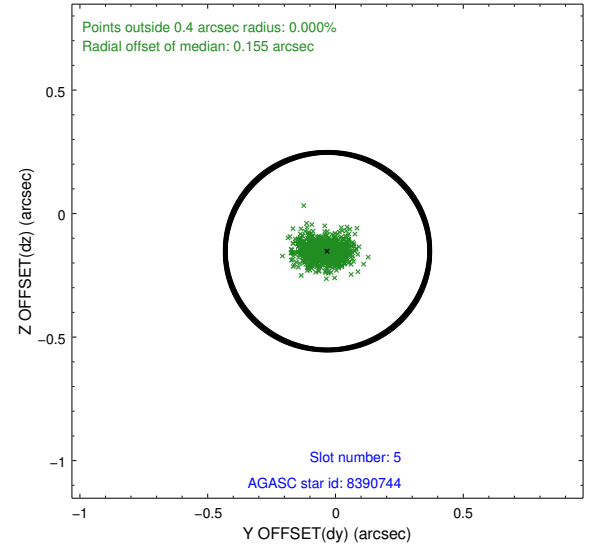
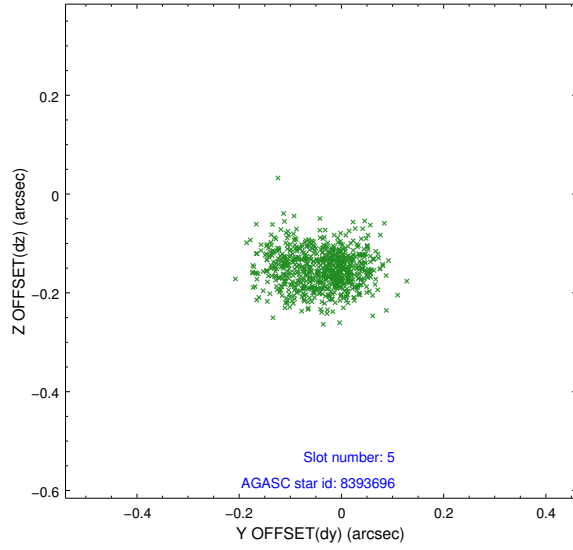
2.4.1 Slot 3



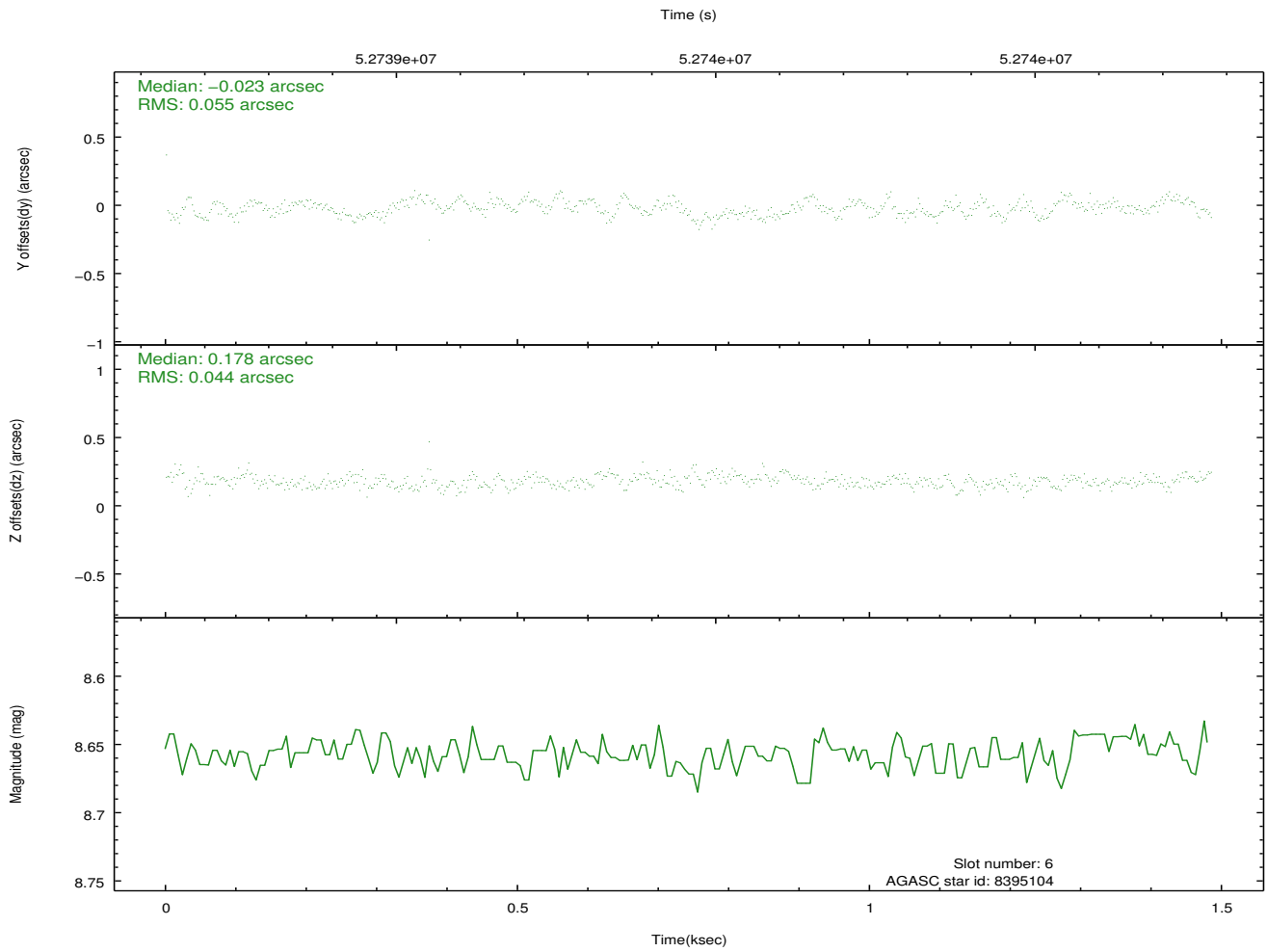
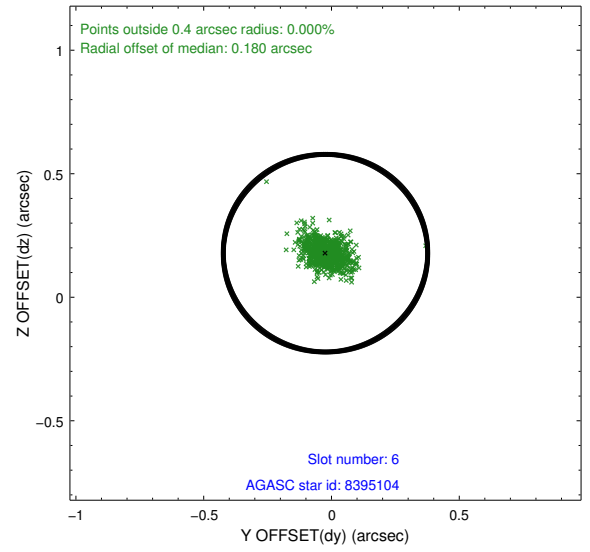
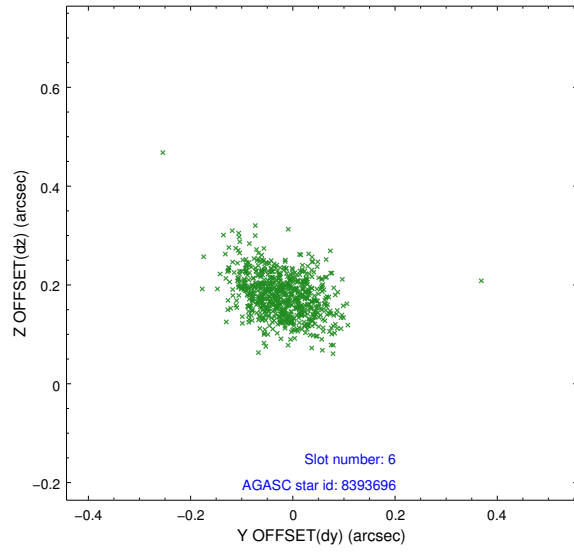
2.4.2 Slot 4



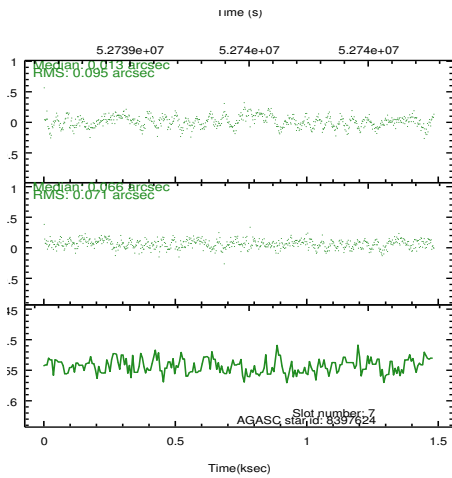
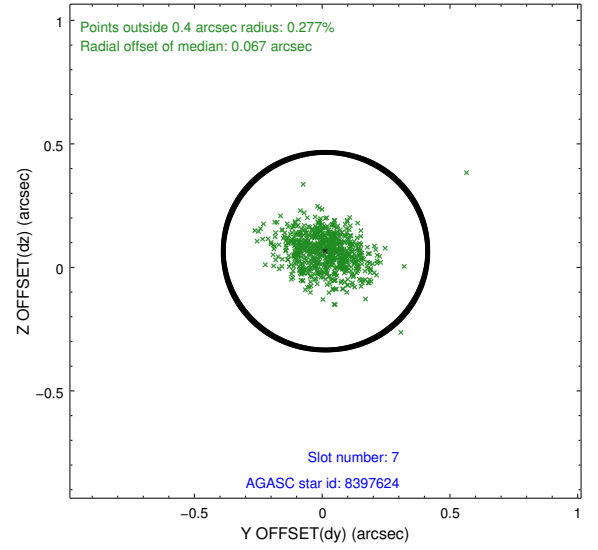
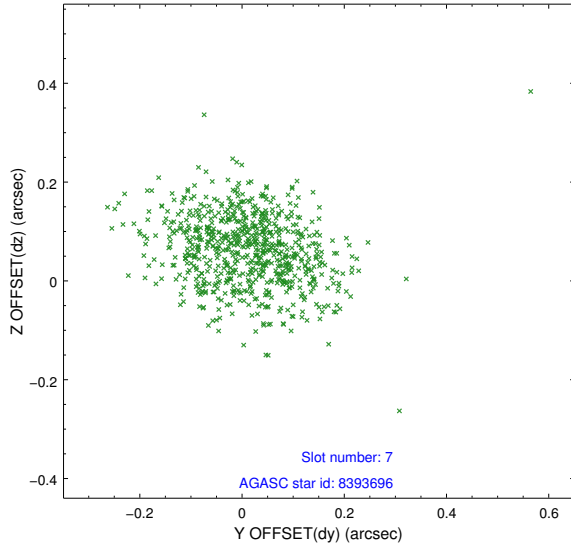
2.4.3 Slot 5



2.4.4 Slot 6

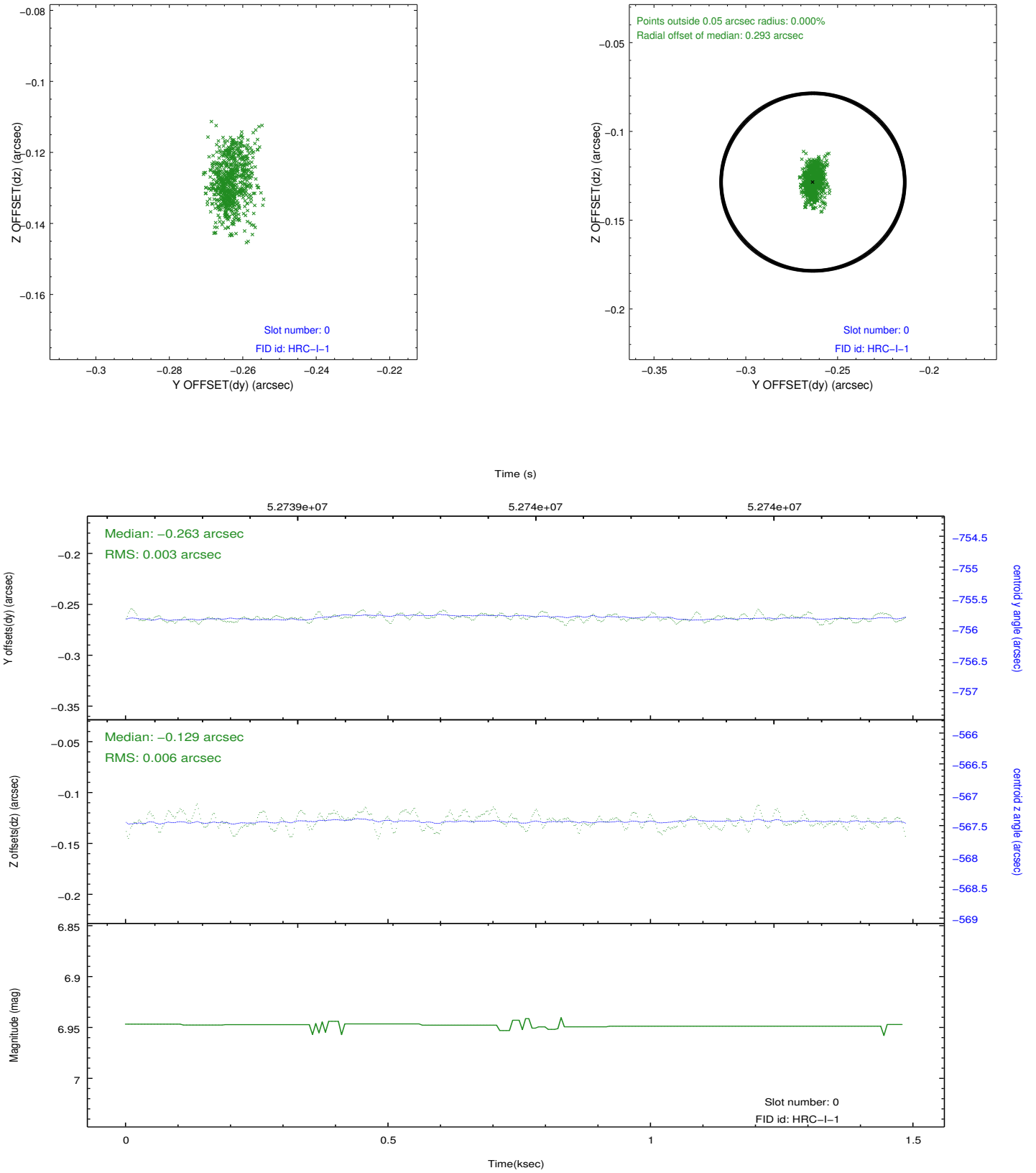


2.4.5 Slot 7

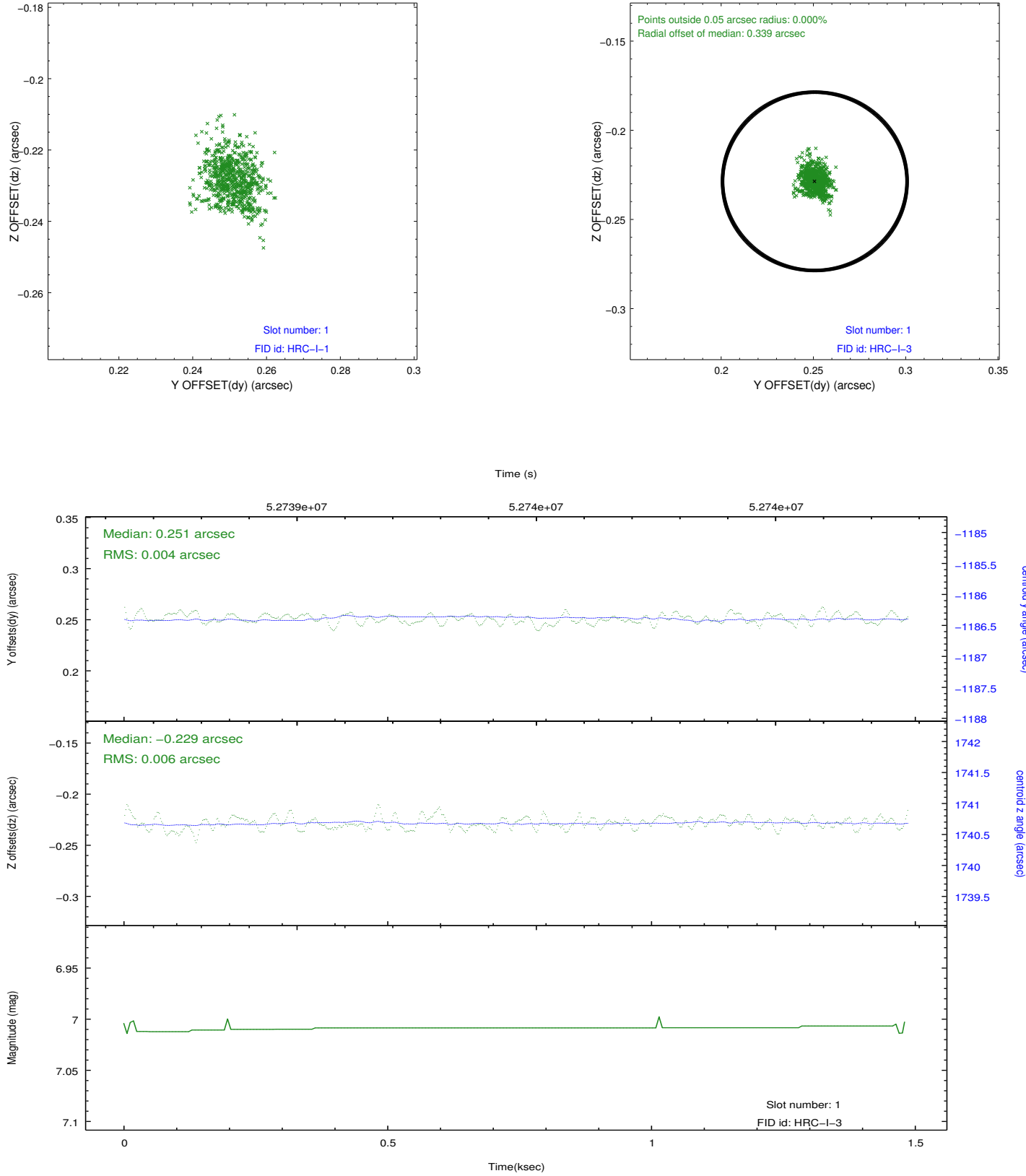


2.5 FID Slots

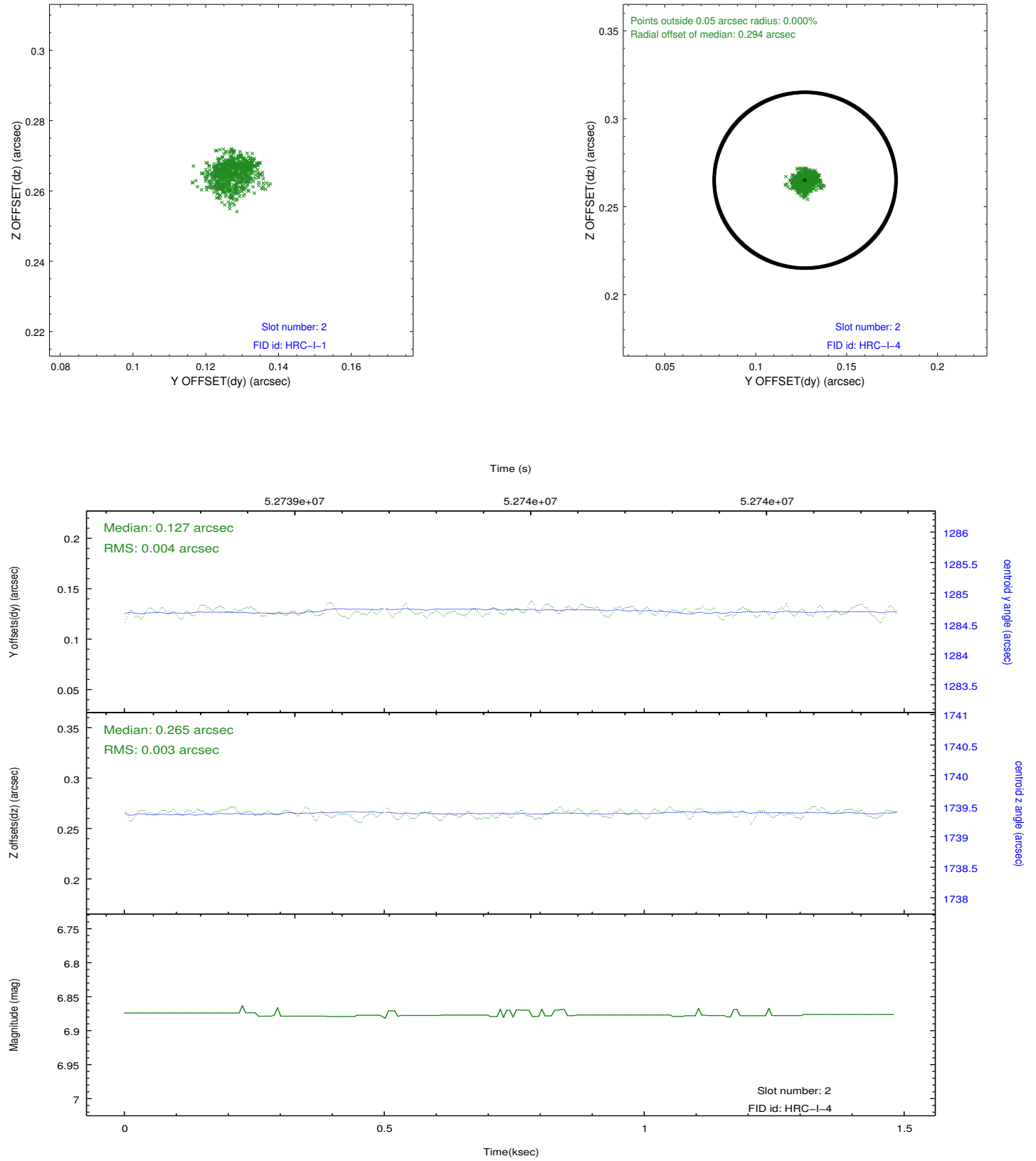
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.794

A.2 Comments

This observation was performed with a large SIM offset, per PI request. As a result, the fid light positions are offset beyond normally expected ranges, but the fid light position correction has compensated for this offset.