

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1135 - L2 Version 5

Chandra X-Ray Center

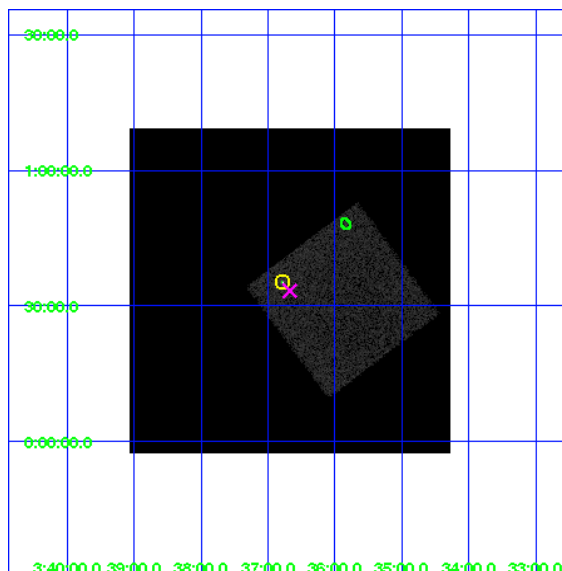
L2 Processing Date : Jan 12 2010

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1 Front

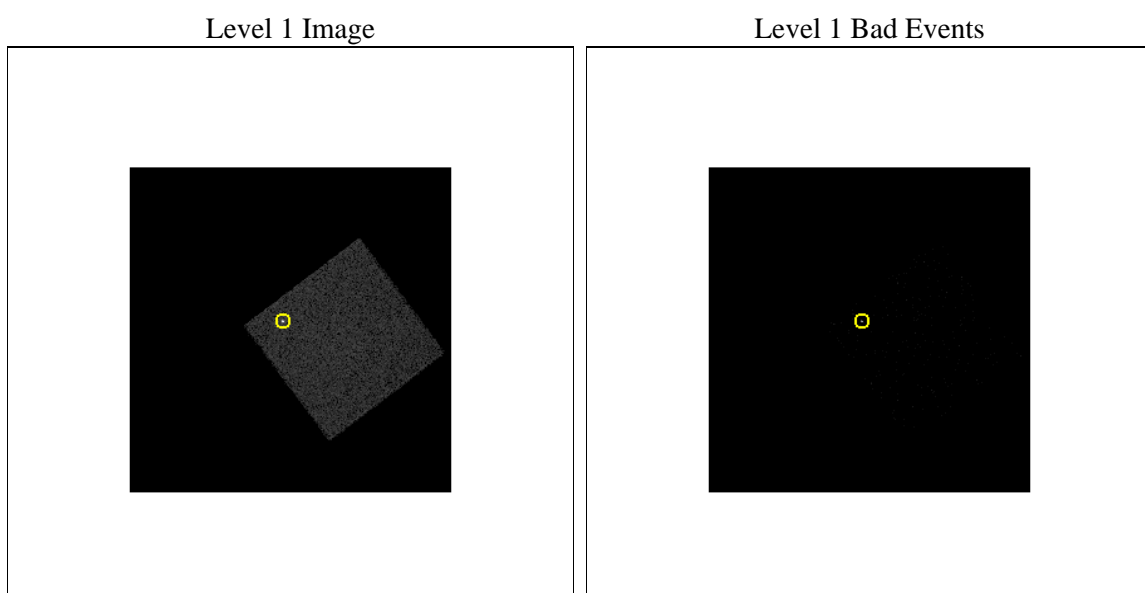
seq_num	280085	Sequence number
obs_id	1135	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.168654218496	Nominal RA
dec_nom	0.55599329055046	Nominal Dec
roll_nom	98.121740193768	Nominal Roll
revision	5	Processing version of data
ontime	796.68127860874	[s]
livetime	790.18430930434	Ontime multiplied by DTCOR
l2events	33153	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	796.68127860874	[s]
caldbver	4.1.5	 	l1events	53790	Number of level 1 events
date	2010-01-12T22:30:56	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

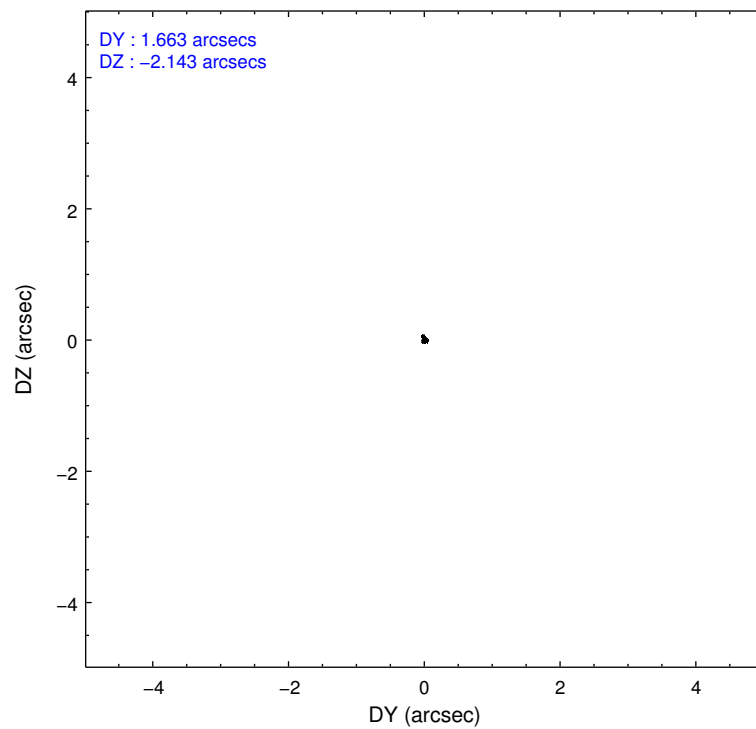
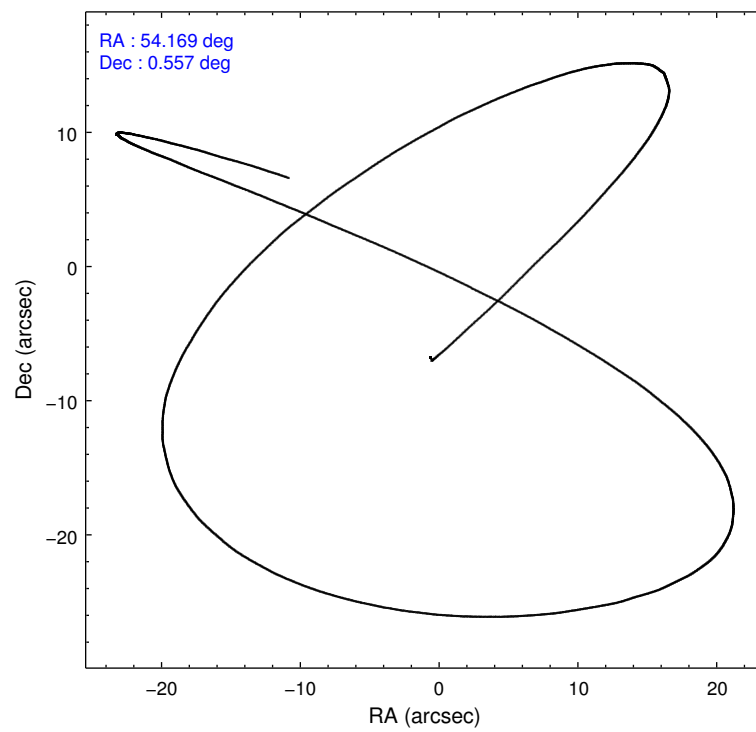
	segment 0
level 1 events	53790
rejected events	3022
rejected %	5%

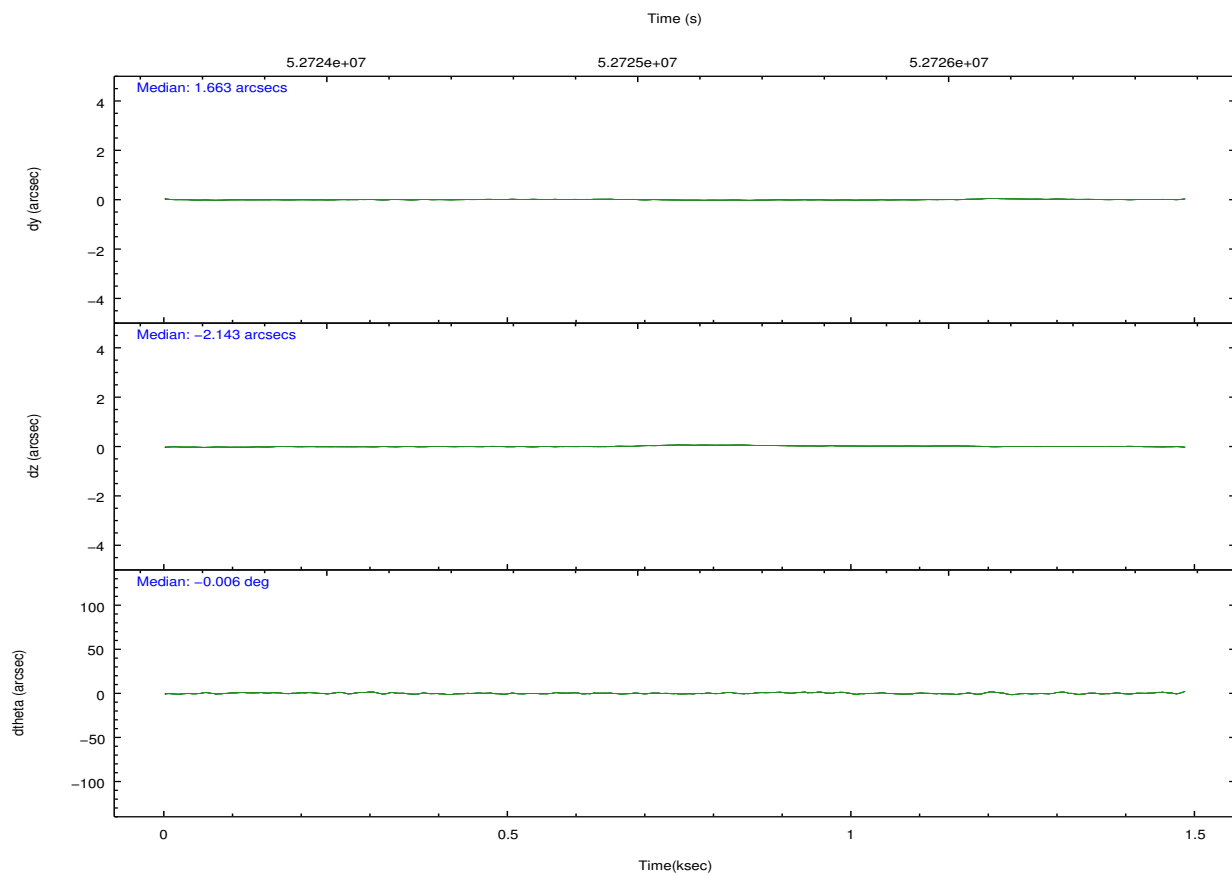
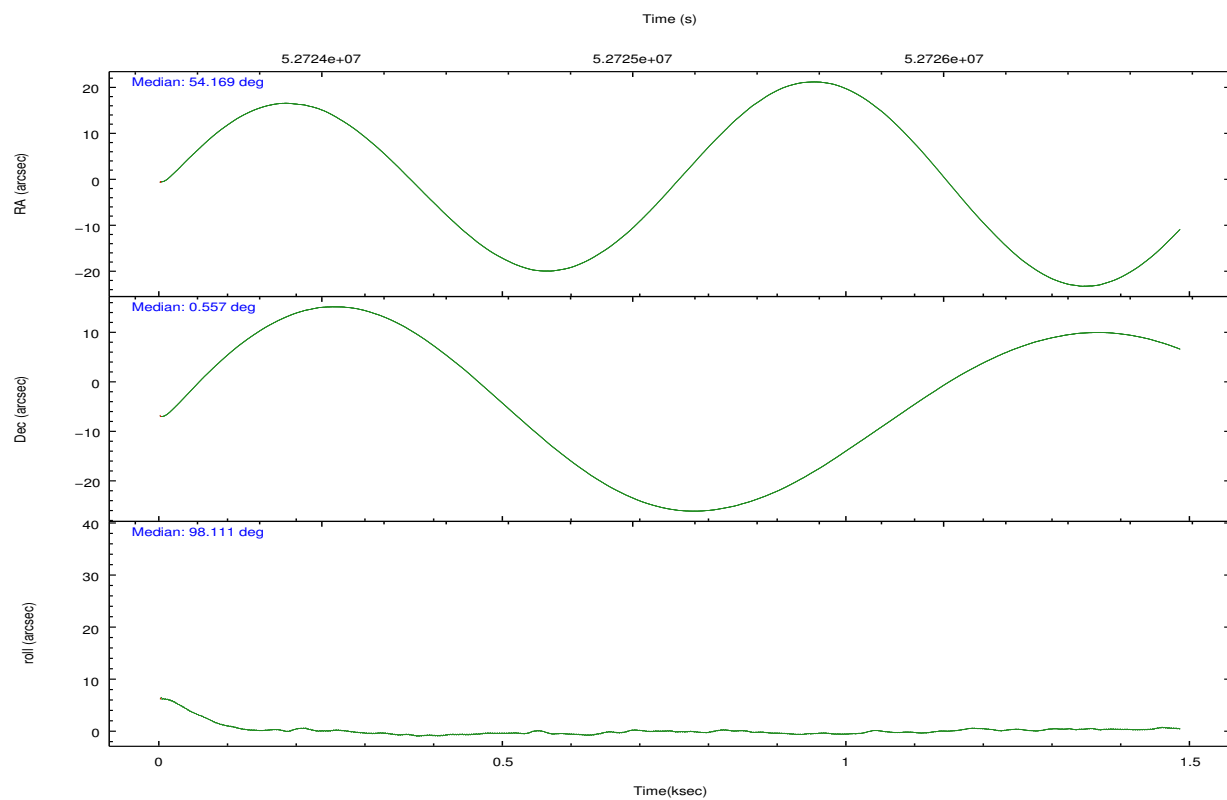
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.185715	54.16865421849589
Pointing Dec	0.533429	0.5559932905504554
Pointing Roll	98.217040	98.12174019376829
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	52724802.184000	52724135.656757
Observation start date	1999-09-03T05:45:38	1999-09-03T05:35:35
Observation end time	52725802.184000	52725936.069322
Observation end date	1999-09-03T06:02:18	1999-09-03T06:05:36

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



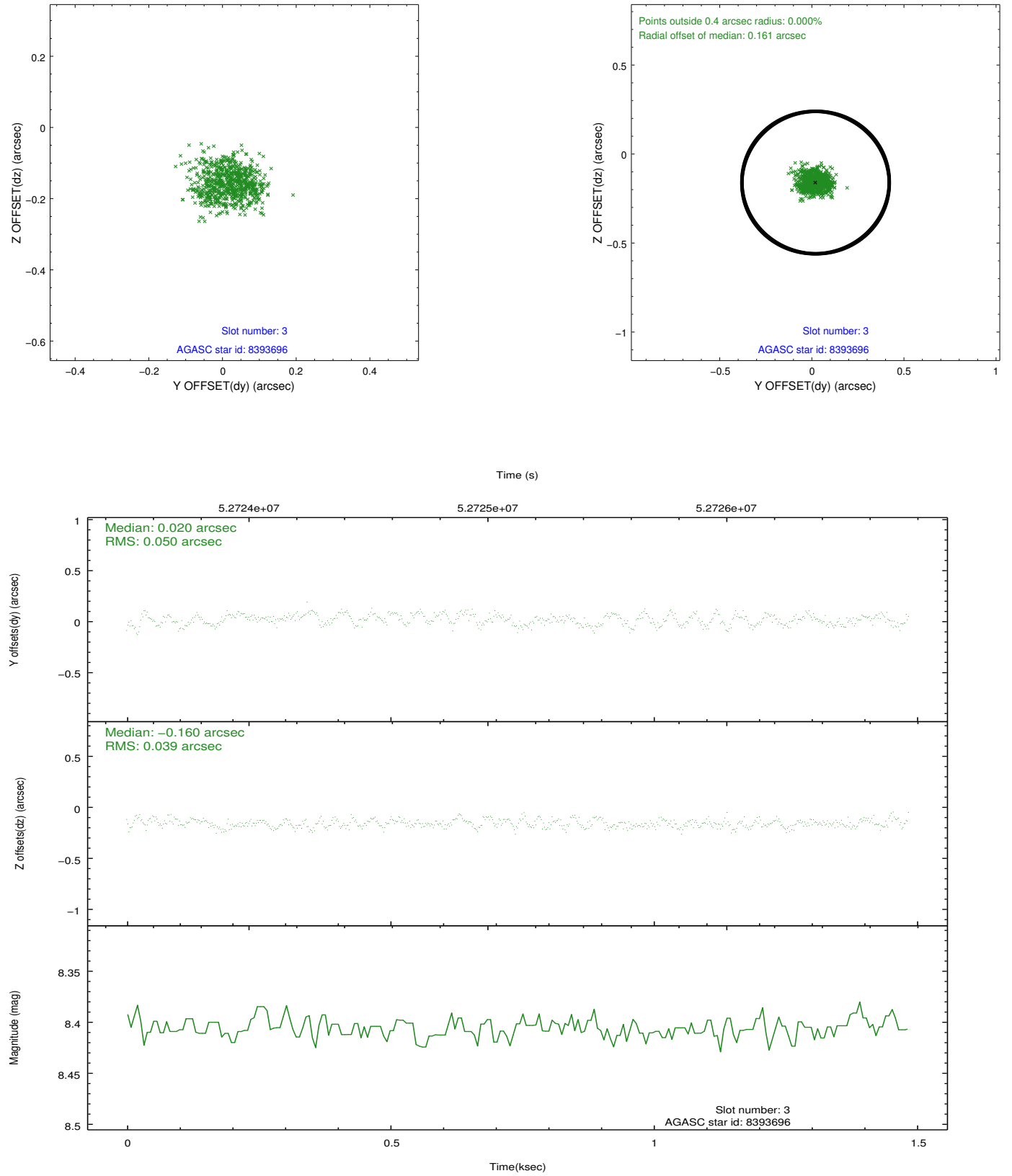


Slot Statistics

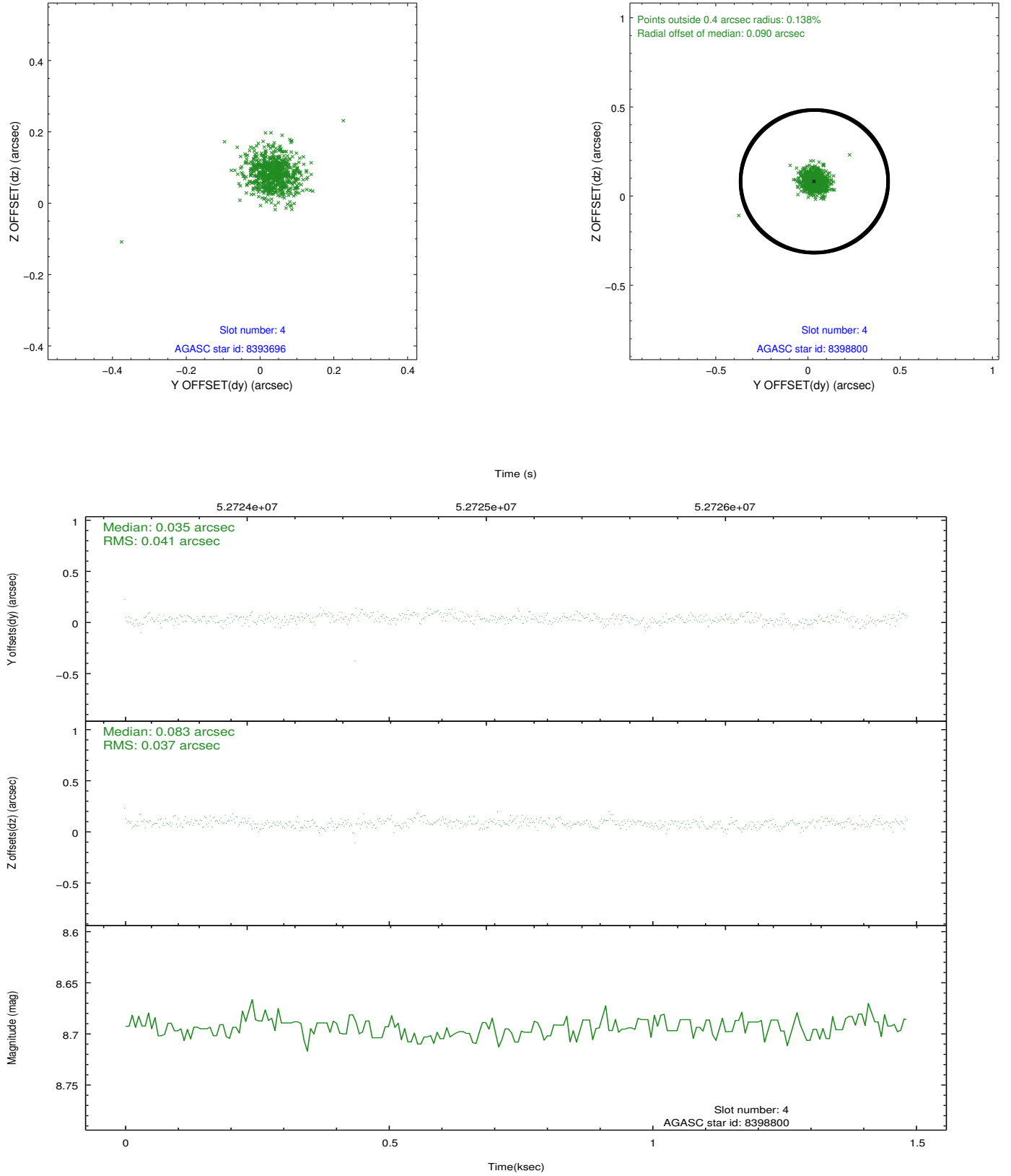
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	725	-0.268	-0.135	0.008	0.017	0.000000	0.000000	-755.82	-567.58
1	FID	HRC-I-3	7.01	725	0.252	-0.227	0.008	0.013	0.000000	0.000000	-1187.43	1739.76
2	FID	HRC-I-4	6.87	725	0.132	0.271	0.006	0.011	0.000000	0.000000	1283.07	1741.66
3	GUIDE	8393696	8.41	725	0.020	-0.160	0.068	0.107	53.645666	0.680479	797.59	1848.14
4	GUIDE	8398800	8.69	725	0.035	0.083	0.055	0.094	54.242352	0.922024	1352.65	-399.12
5	GUIDE	8390744	9.02	725	-0.055	-0.126	0.076	0.124	53.677290	0.926294	1658.98	1608.56
6	GUIDE	8395104	8.66	724	0.003	0.201	0.080	0.125	54.744893	0.796520	648.56	-2125.28
7	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

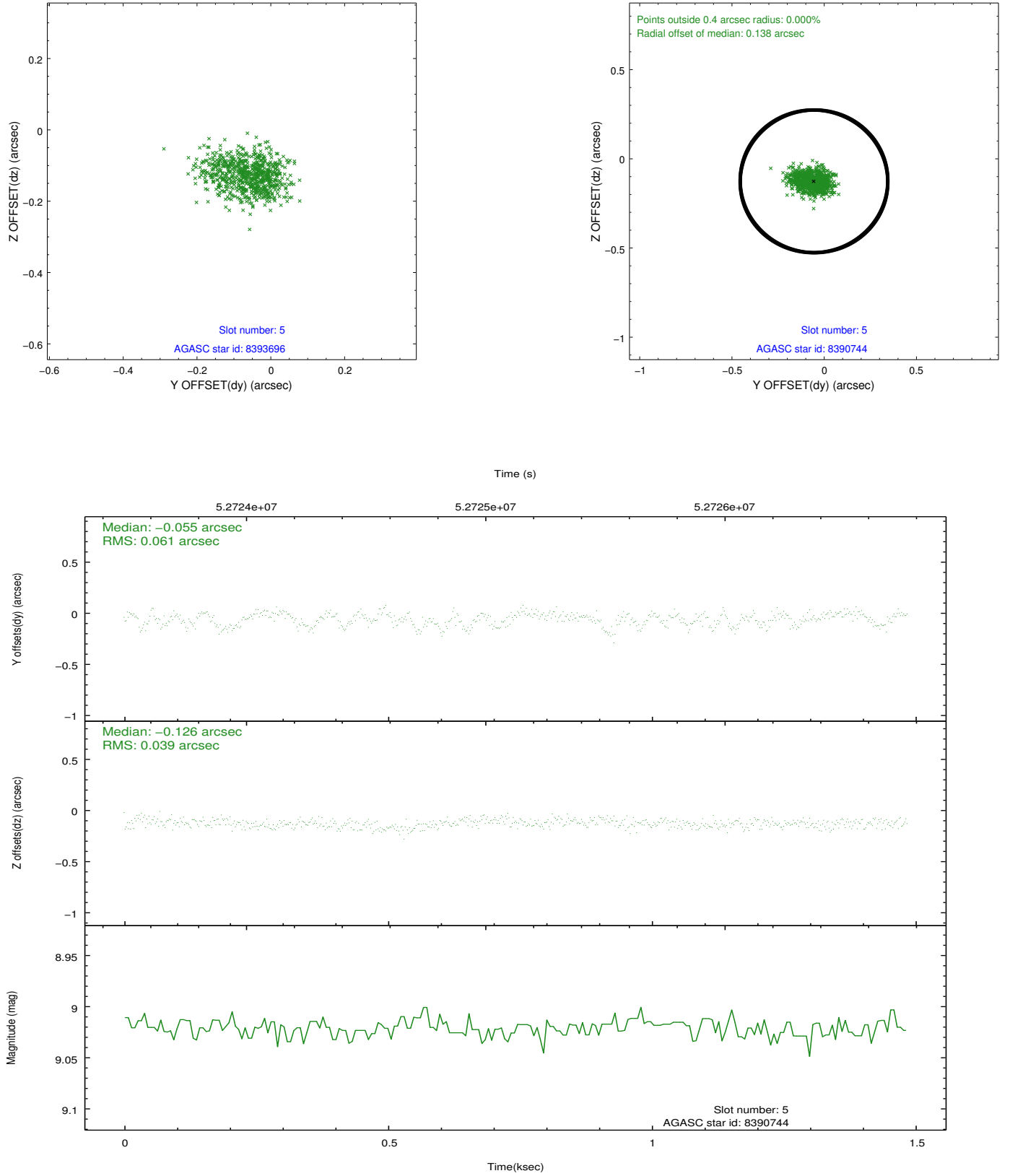
2.4.1 Slot 3



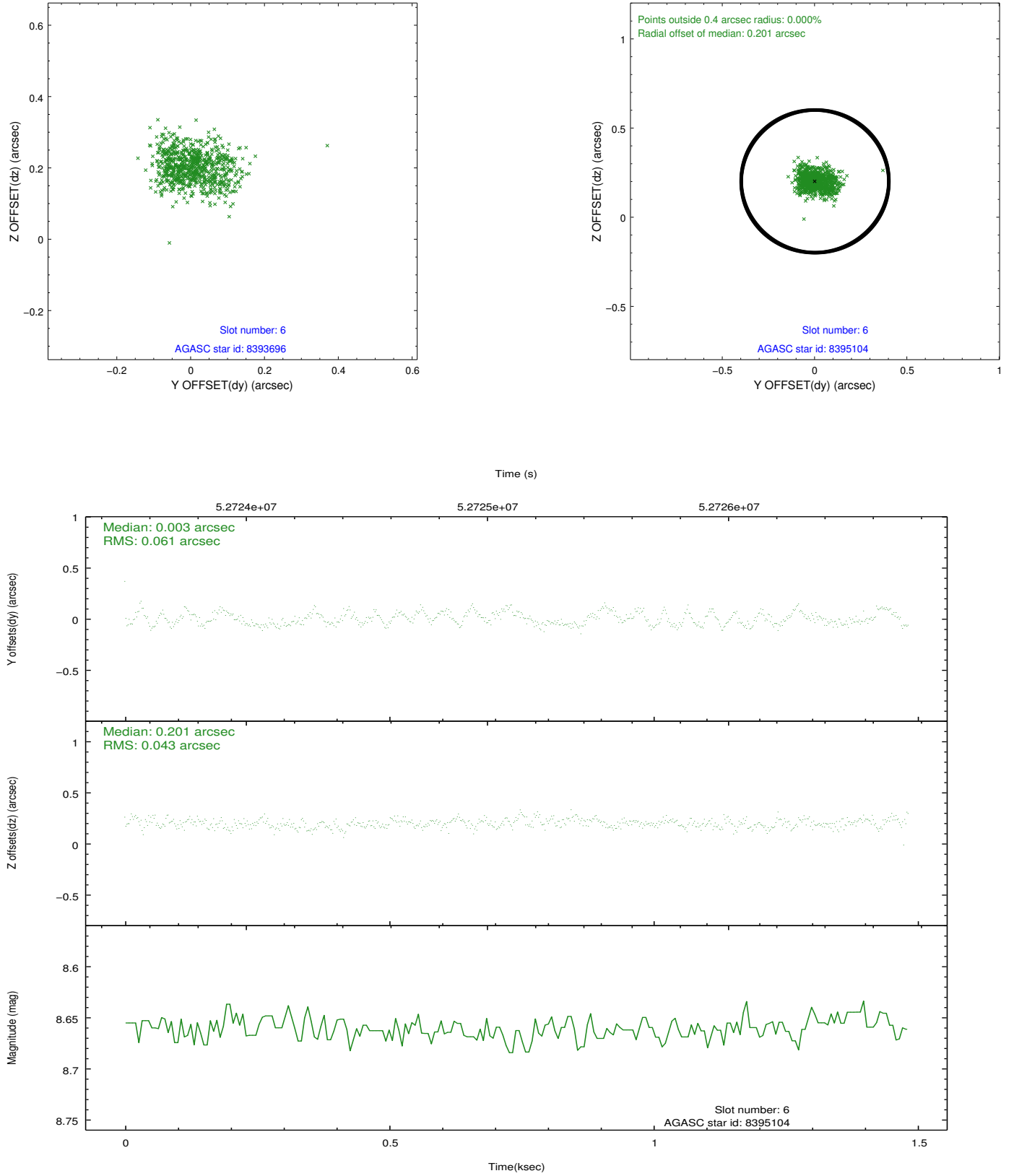
2.4.2 Slot 4



2.4.3 Slot 5

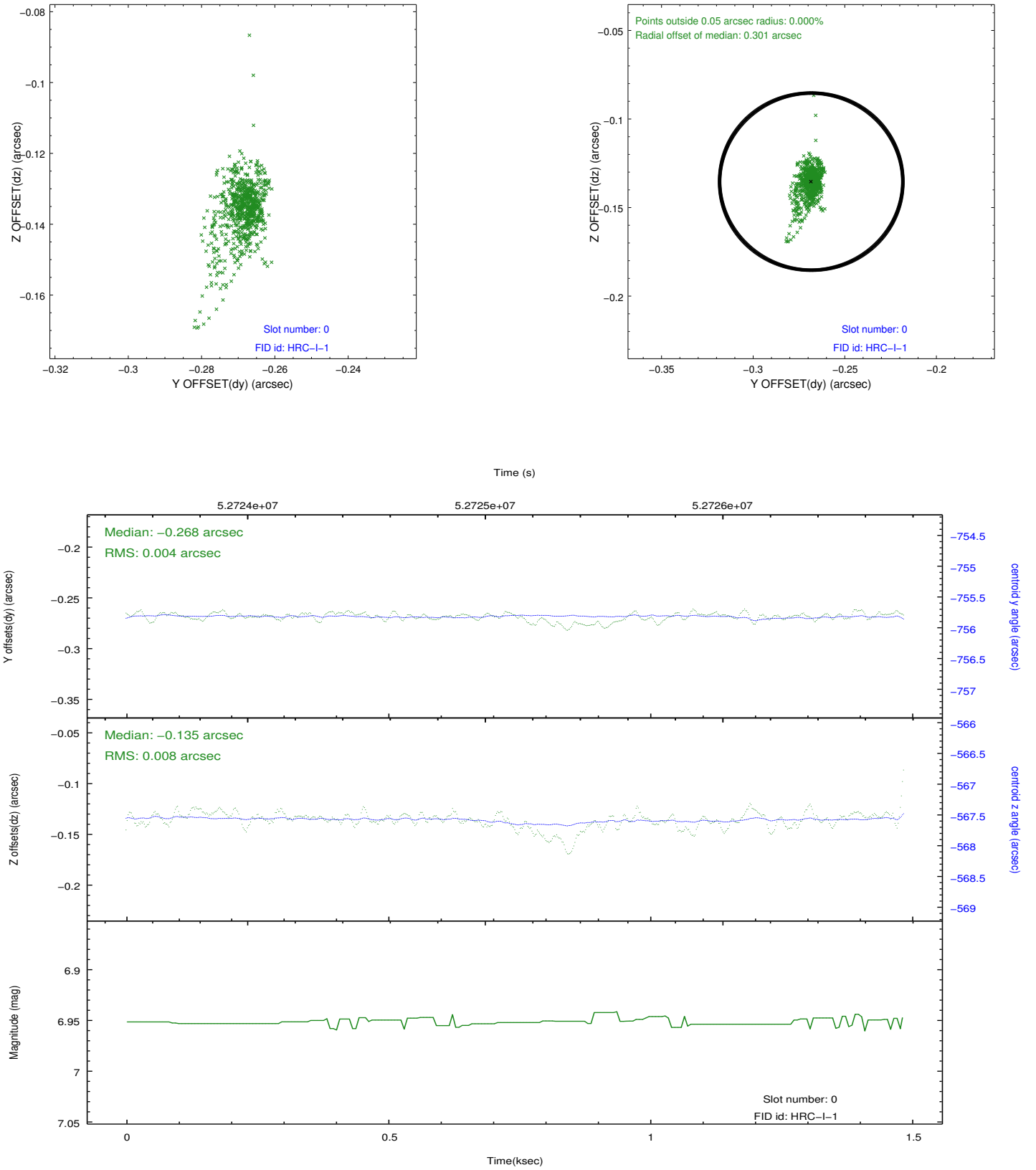


2.4.4 Slot 6

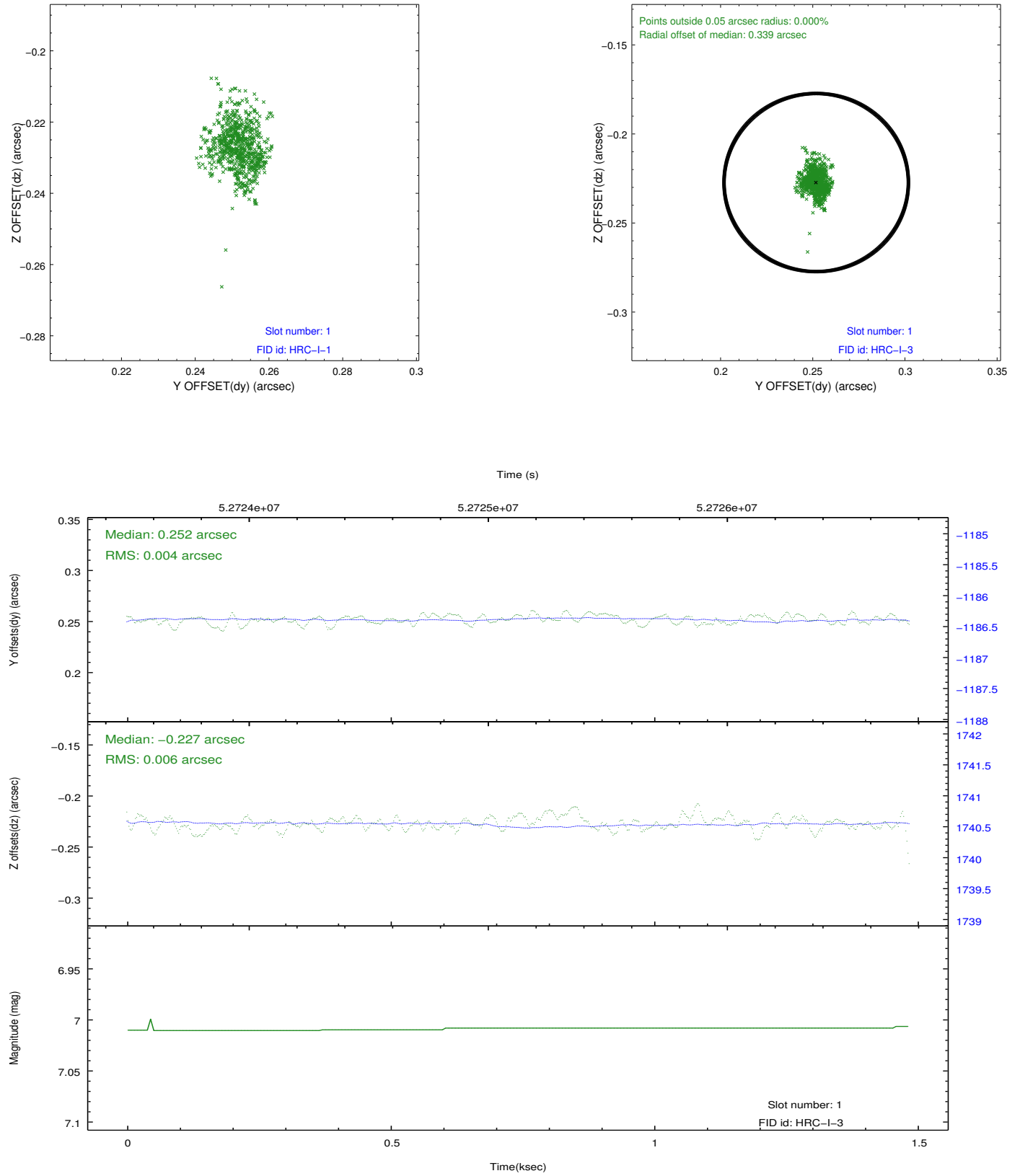


2.5 FID Slots

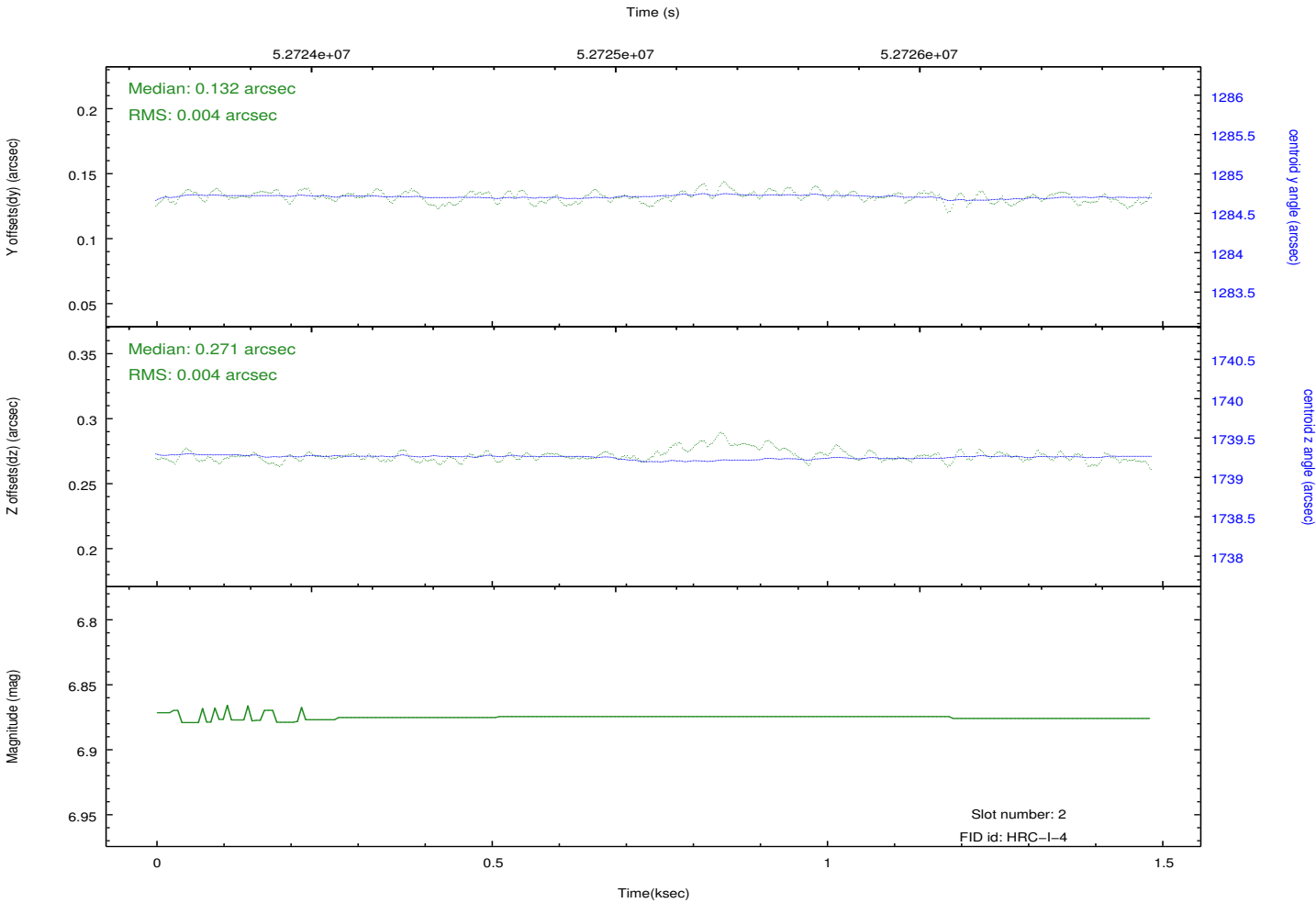
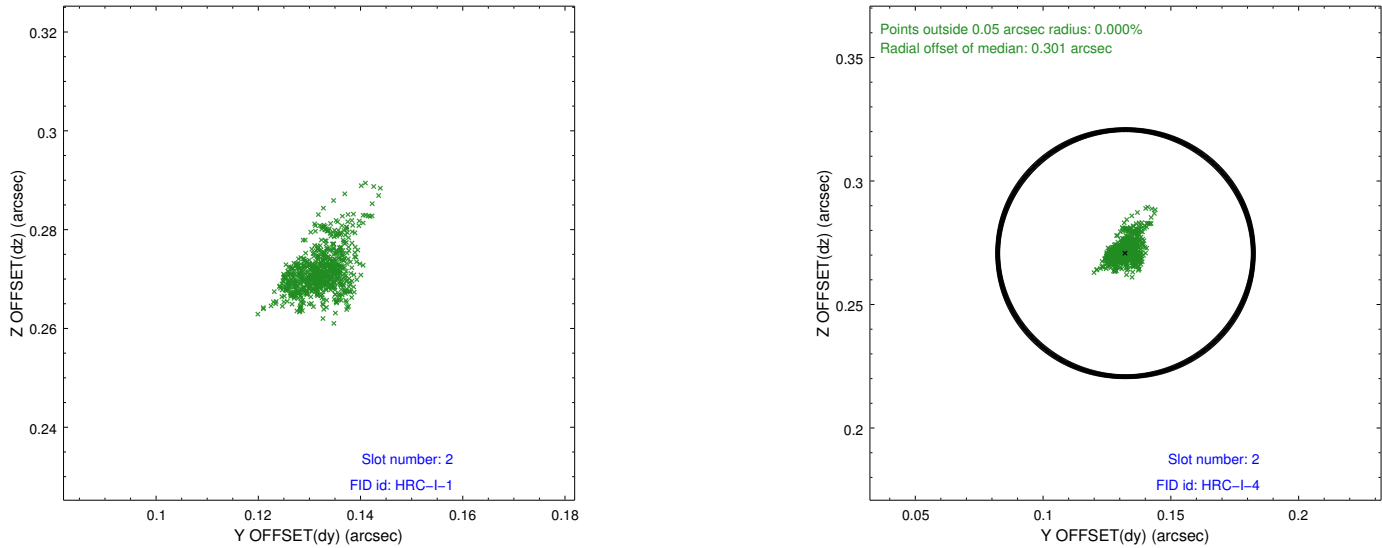
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

19.37 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.795

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.

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Charge time for this observation remains at original value of 0.795 ksec, although with the current processing the charge time would have been 0.797 ksec.

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Slot 7 was not utilized in this observation.