

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1145 - L2 Version 4

Chandra X-Ray Center

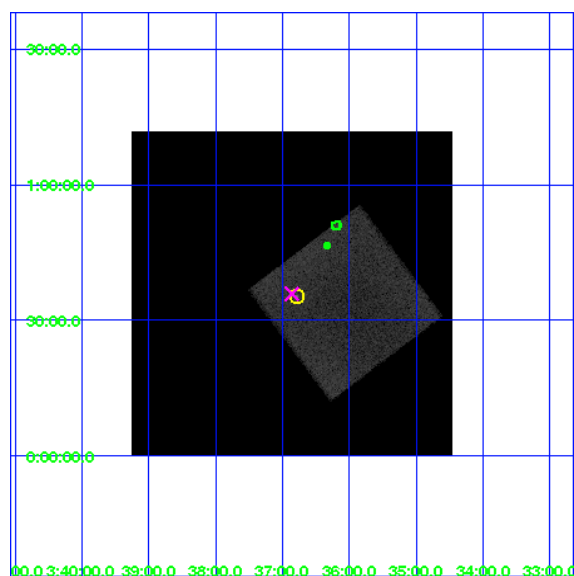
L2 Processing Date : Jan 12 2010

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1 Front

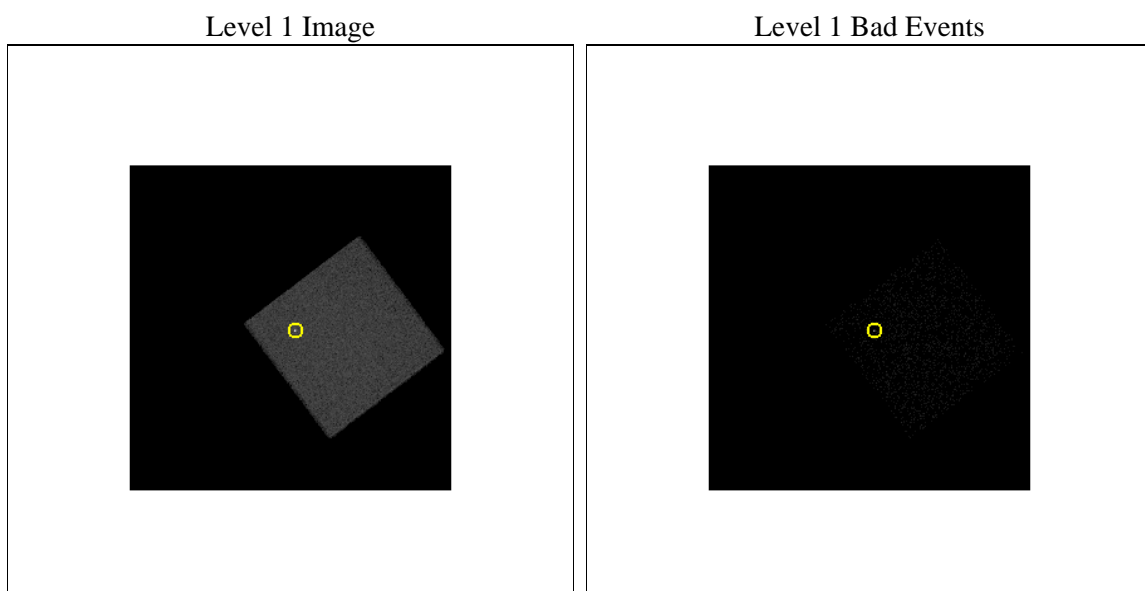
seq_num	280095	Sequence number
obs_id	1145	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.214801543112	Nominal RA
dec_nom	0.59801053849895	Nominal Dec
roll_nom	98.06742194284	Nominal Roll
revision	4	Processing version of data
ontime	794.63127853721	[s]
livetime	775.37807262475	Ontime multiplied by DTCOR
l2events	71695	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	131667	Number of level 1 events
date	2010-01-13T00:12:20	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

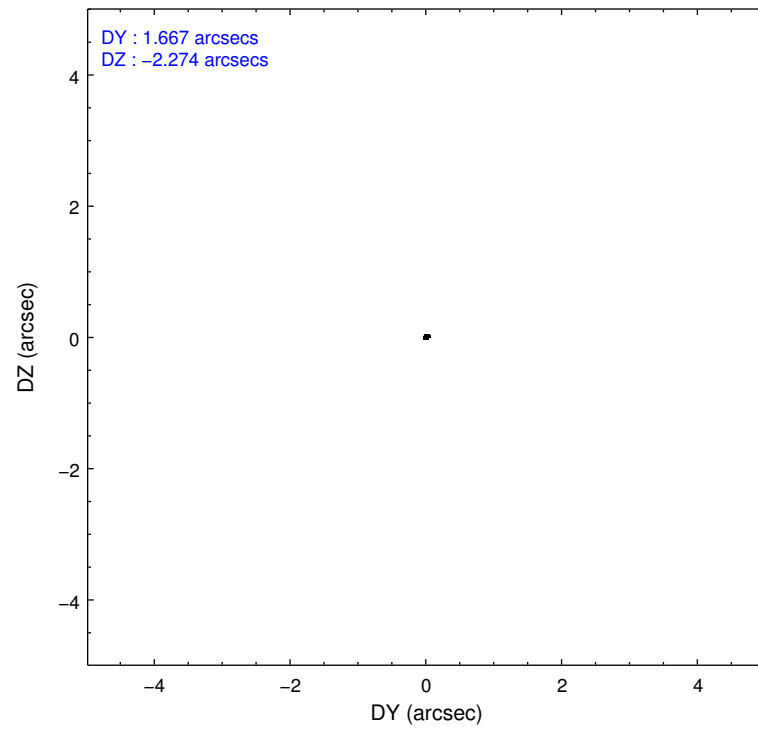
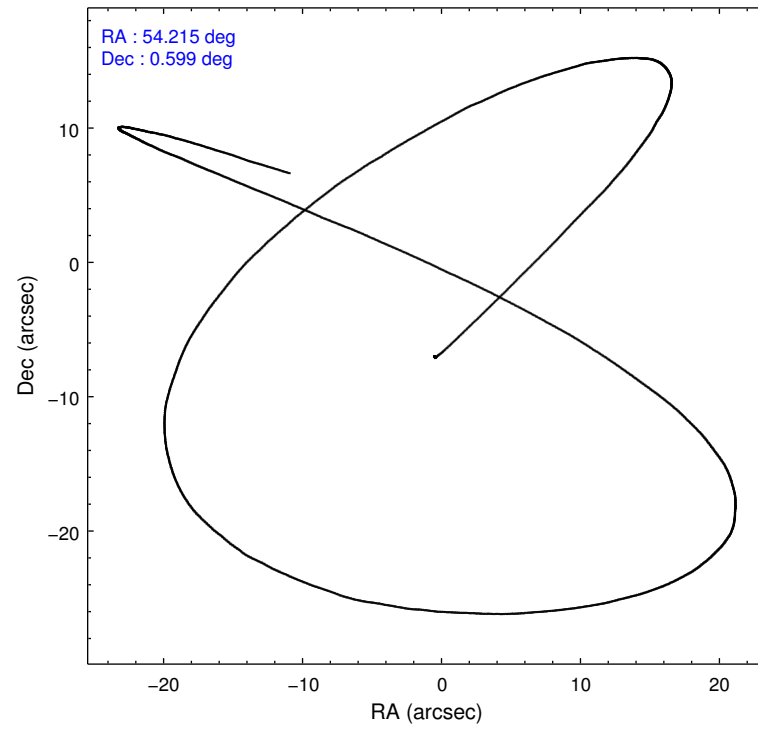
	segment 0
level 1 events	131667
rejected events	9286
rejected %	7%

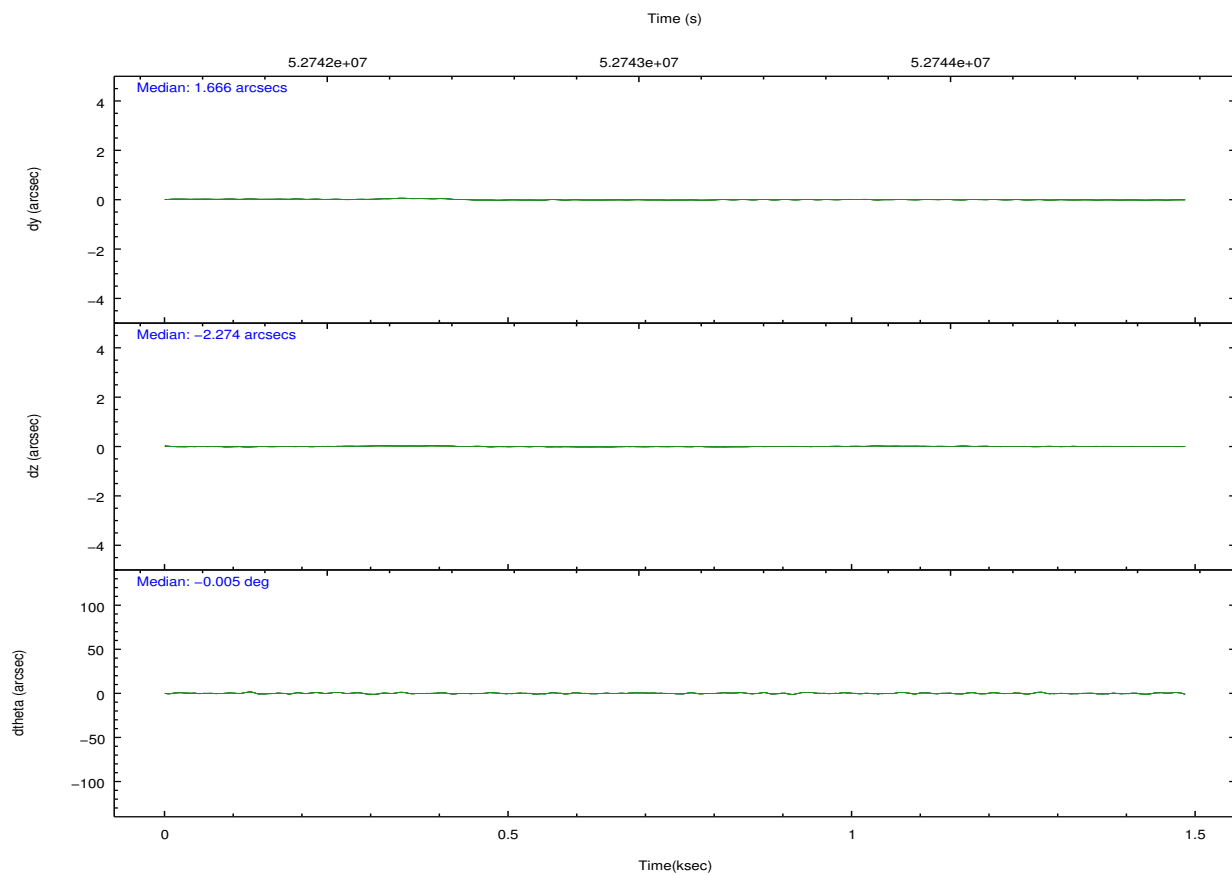
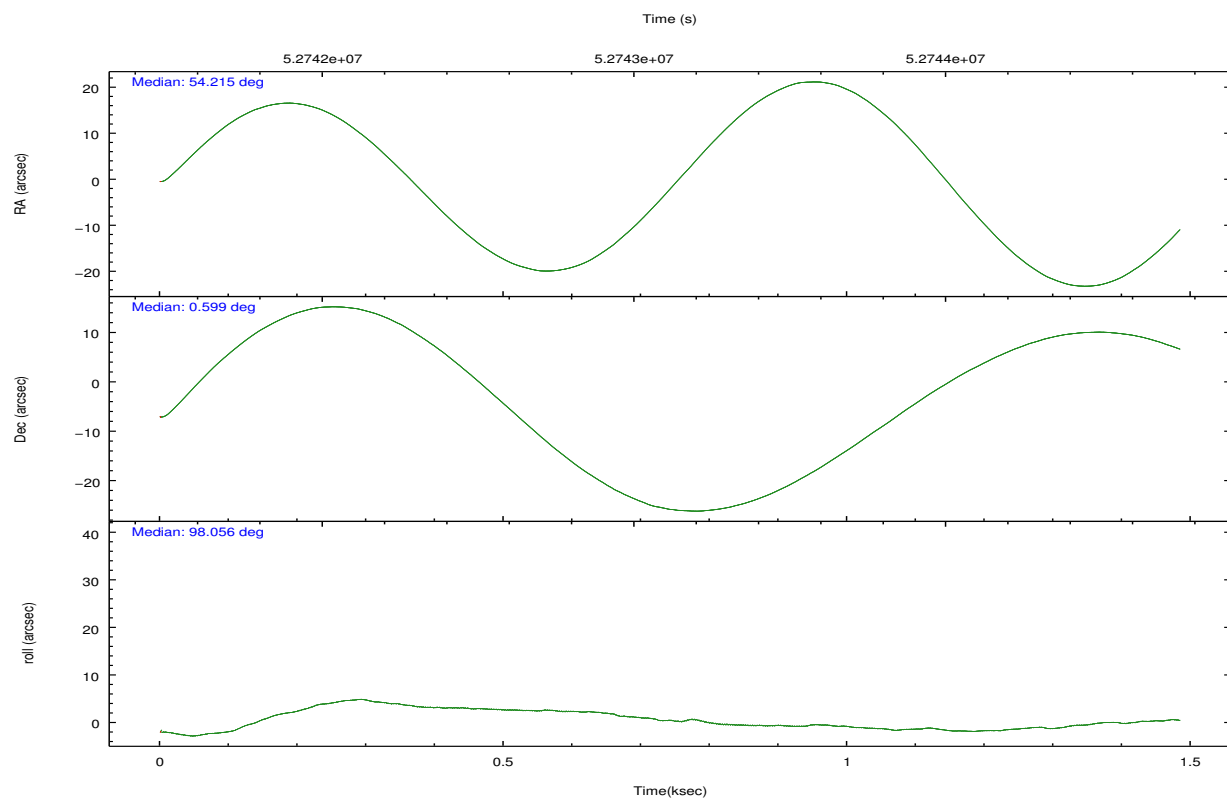
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.231836	54.21480154311181
Pointing Dec	0.575423	0.5980105384989519
Pointing Roll	98.162733	98.06742194284027
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	52742802.184000	52742135.682404
Observation start date	1999-09-03T10:45:38	1999-09-03T10:35:35
Observation end time	52743802.184000	52743935.582468
Observation end date	1999-09-03T11:02:18	1999-09-03T11:05:35

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

2.3 Aspect



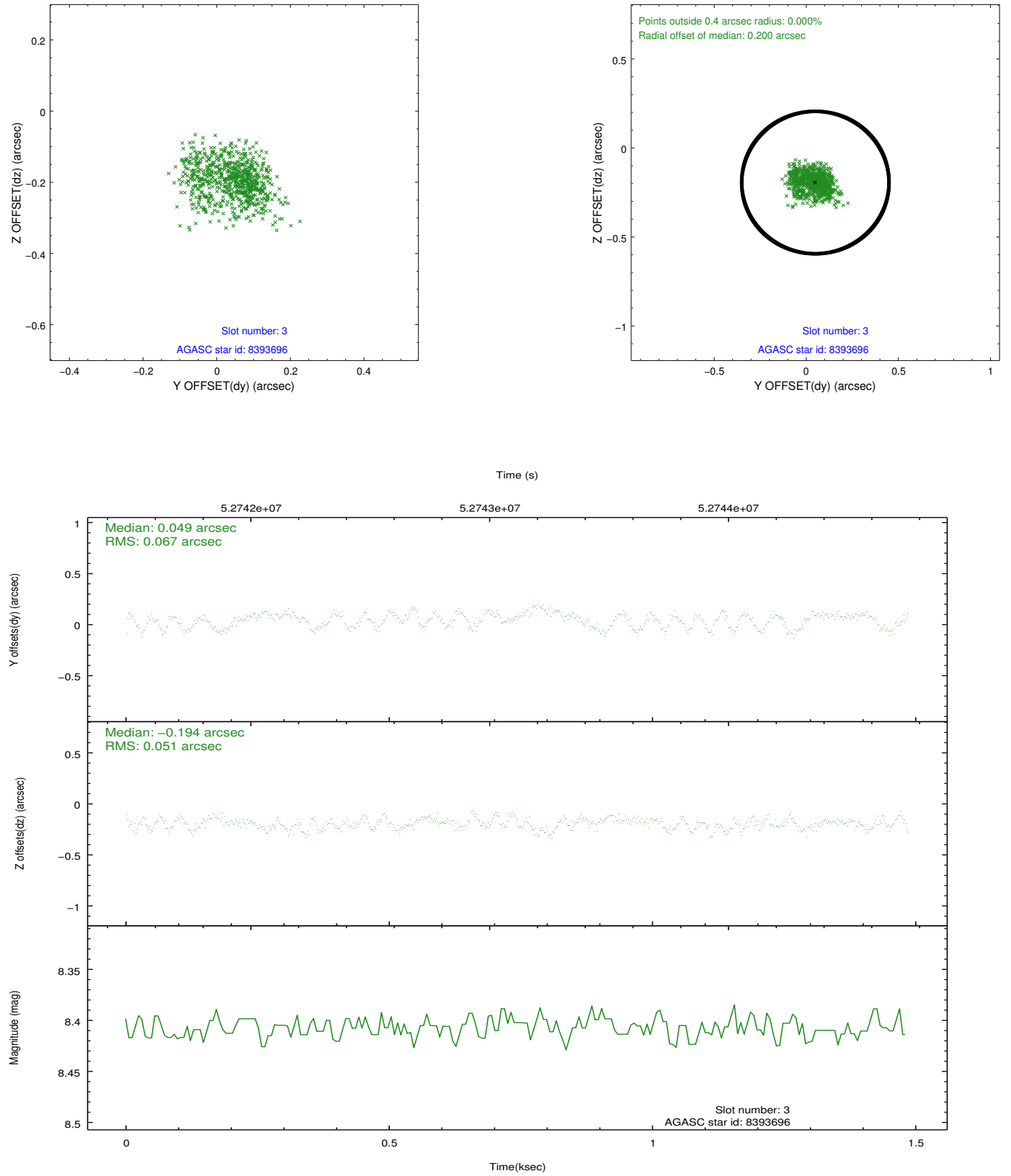


Slot Statistics

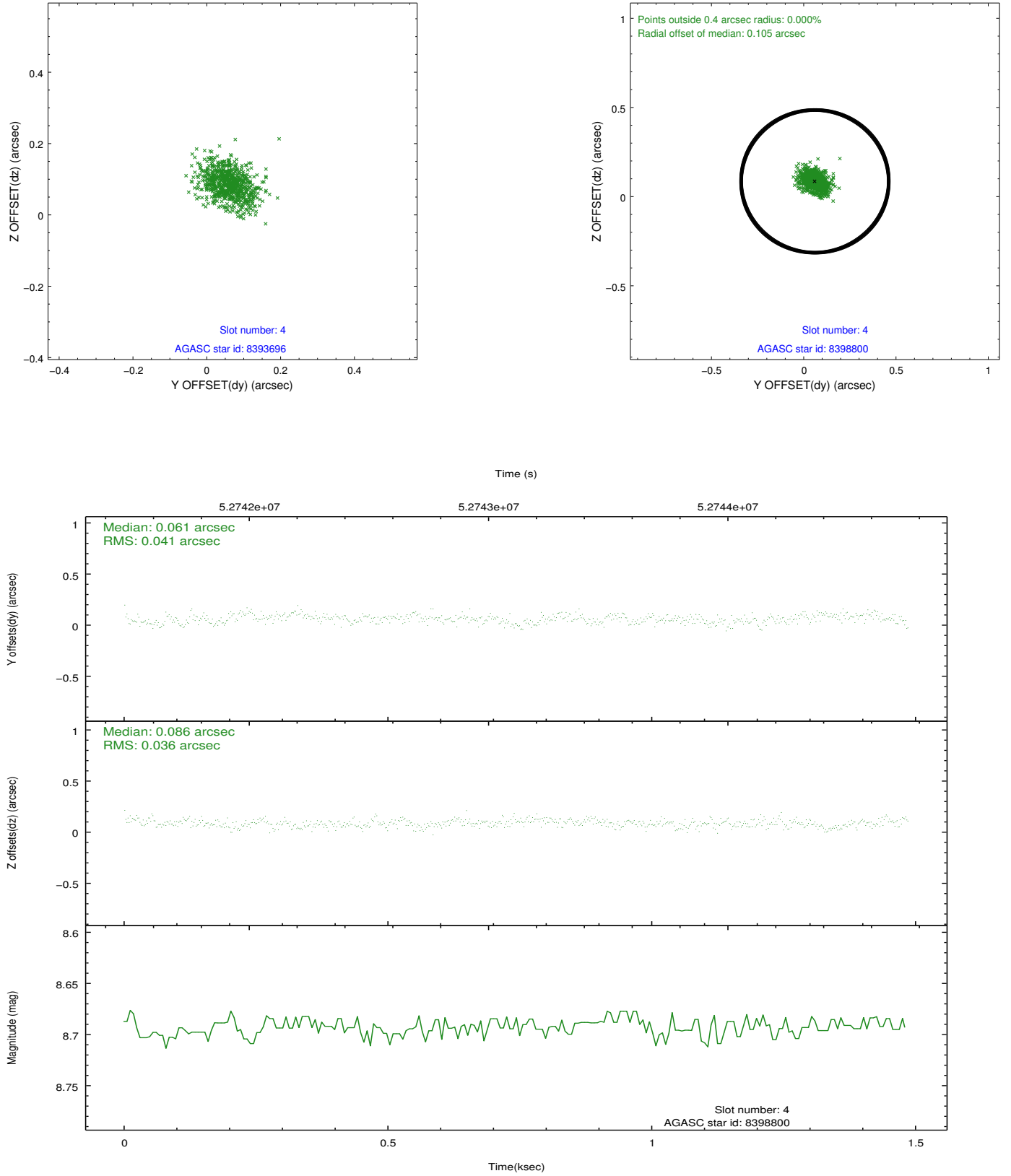
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	725	-0.263	-0.129	0.007	0.012	0.000000	0.000000	-755.82	-567.43
1	FID	HRC-I-3	7.01	725	0.250	-0.228	0.007	0.013	0.000000	0.000000	-1187.43	1739.90
2	FID	HRC-I-4	6.87	725	0.128	0.265	0.005	0.008	0.000000	0.000000	1283.07	1741.79
3	GUIDE	8393696	8.41	725	0.049	-0.194	0.093	0.144	53.645666	0.680479	669.55	2034.35
4	GUIDE	8398800	8.69	725	0.061	0.086	0.059	0.097	54.242352	0.922024	1226.56	-212.08
5	GUIDE	8390744	9.02	725	-0.075	-0.146	0.072	0.113	53.677290	0.926294	1530.97	1795.86
6	GUIDE	8395104	8.66	725	-0.031	0.187	0.068	0.113	54.744893	0.796520	524.02	-1938.93
7	GUIDE	8397624	9.54	724	-0.008	0.064	0.115	0.183	54.812881	1.297049	2271.84	-2441.81

2.4 Star Slots

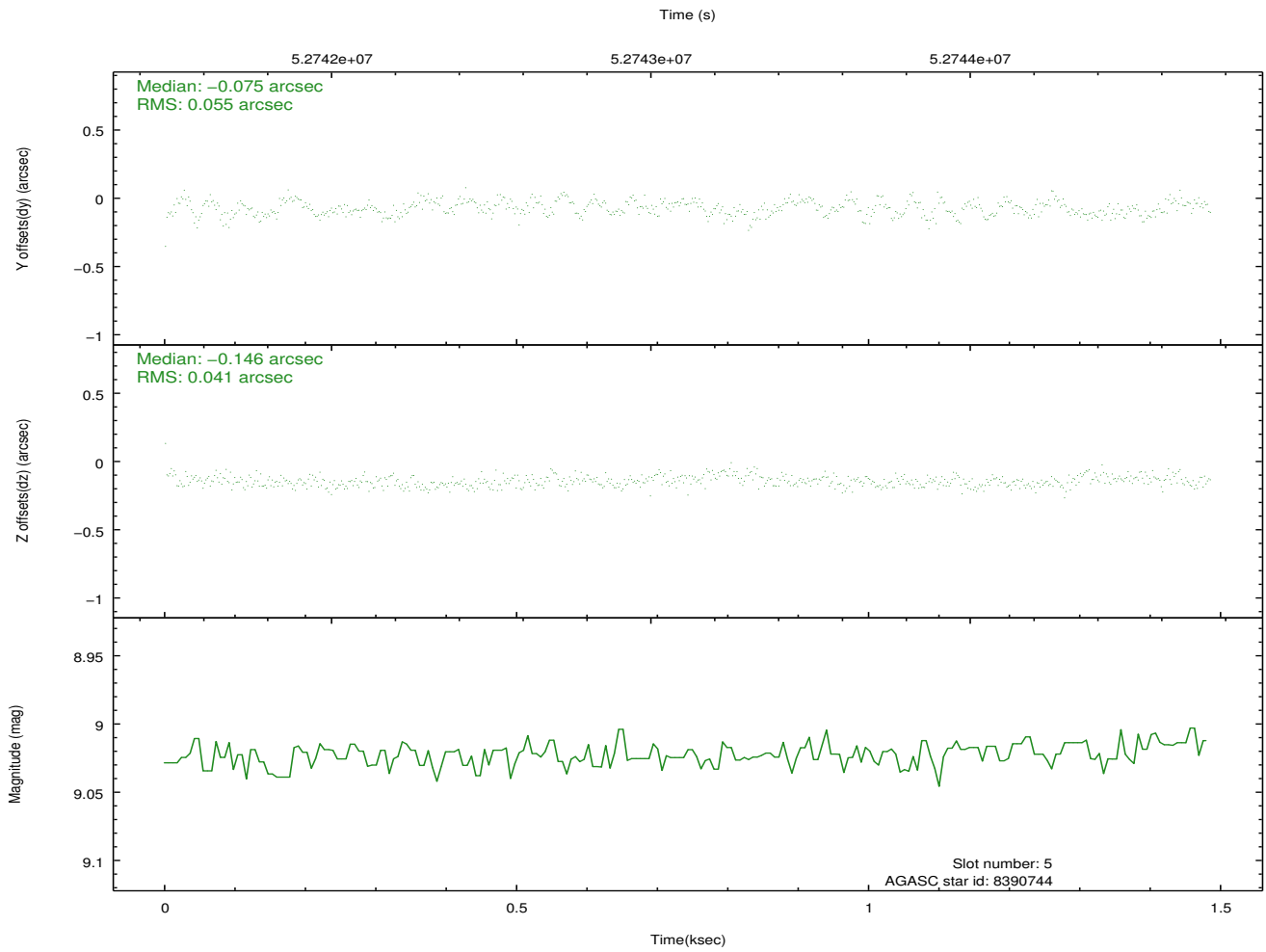
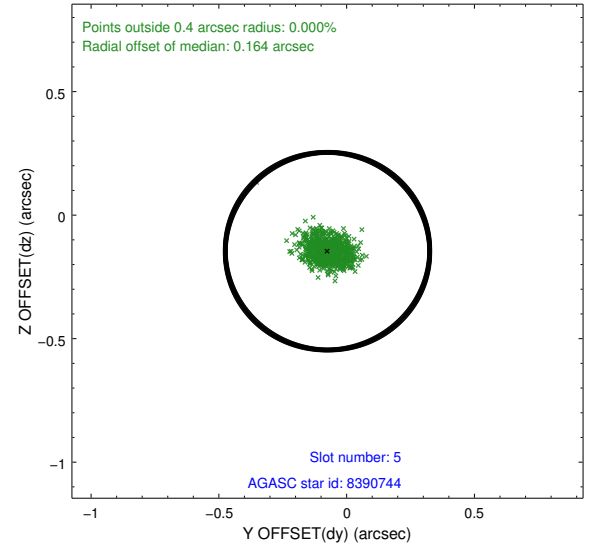
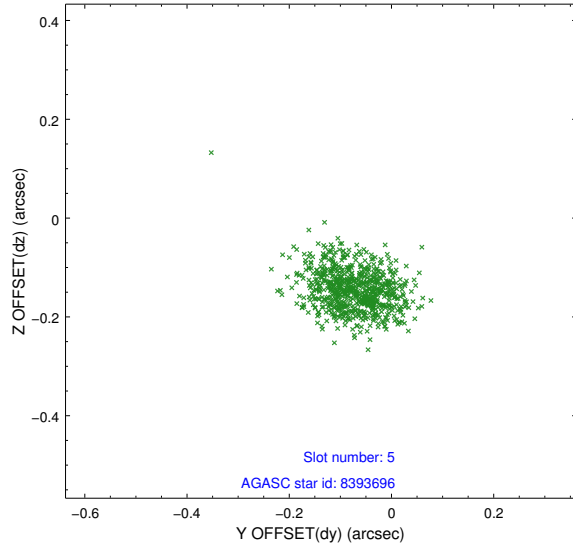
2.4.1 Slot 3



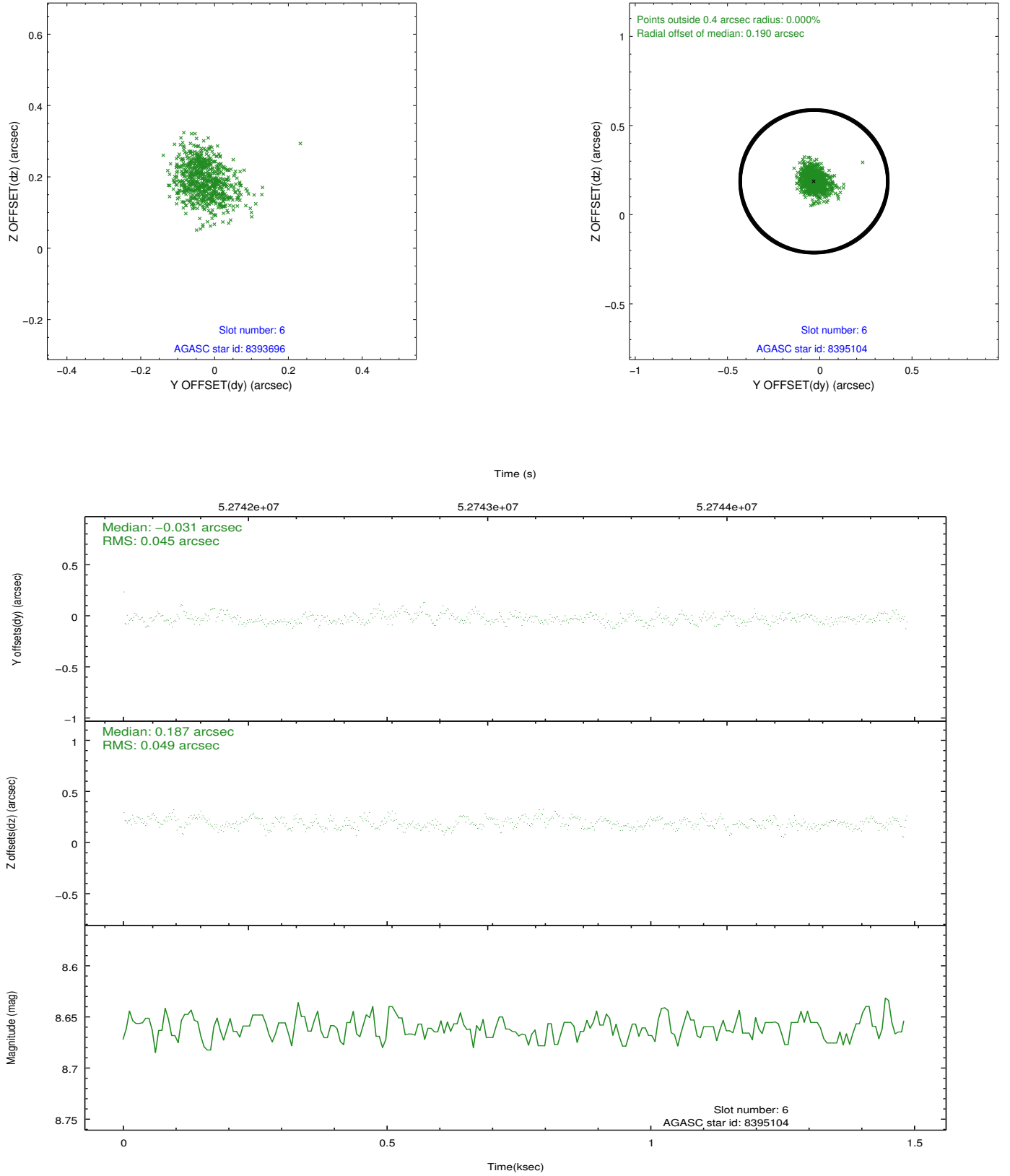
2.4.2 Slot 4



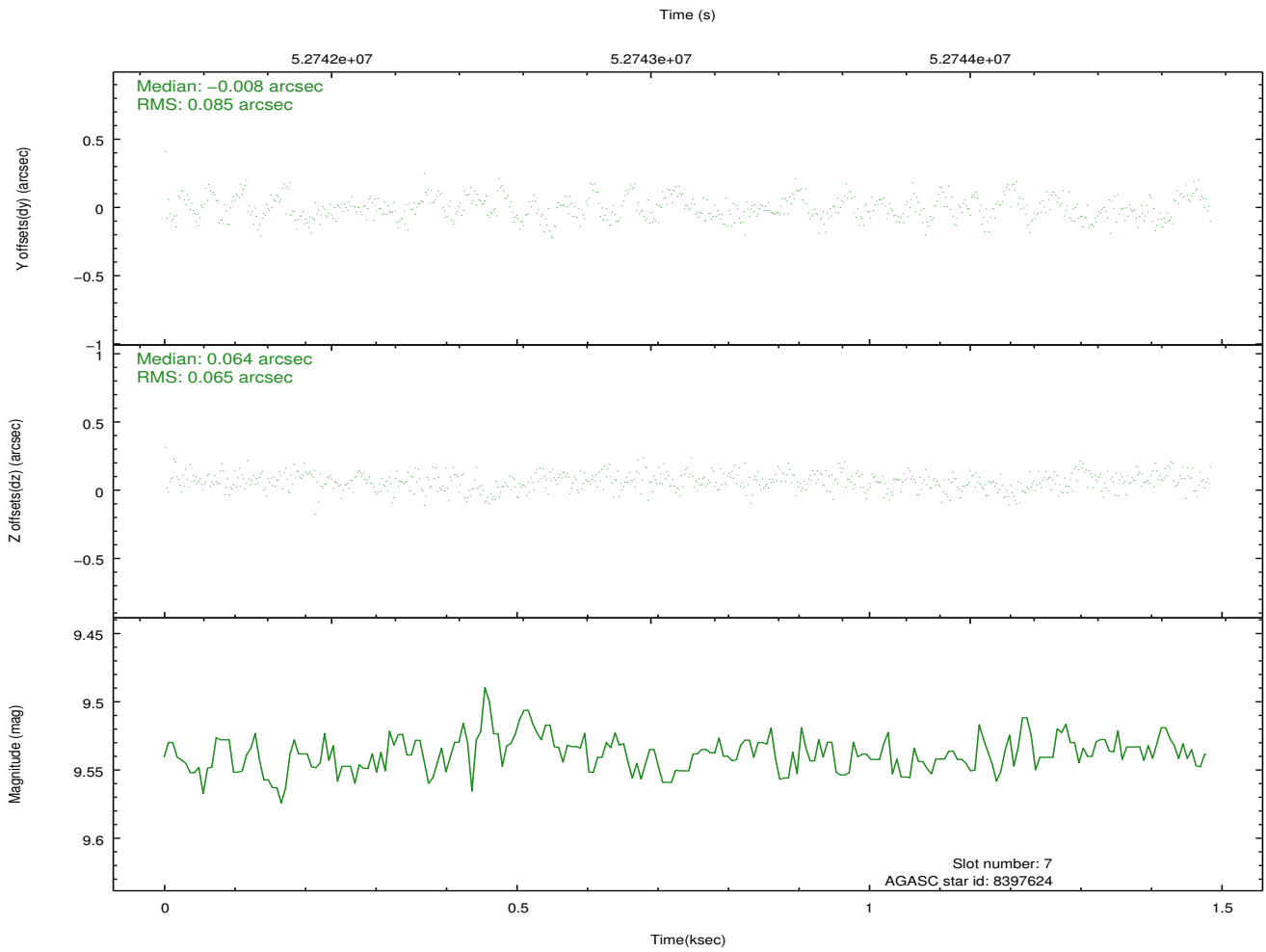
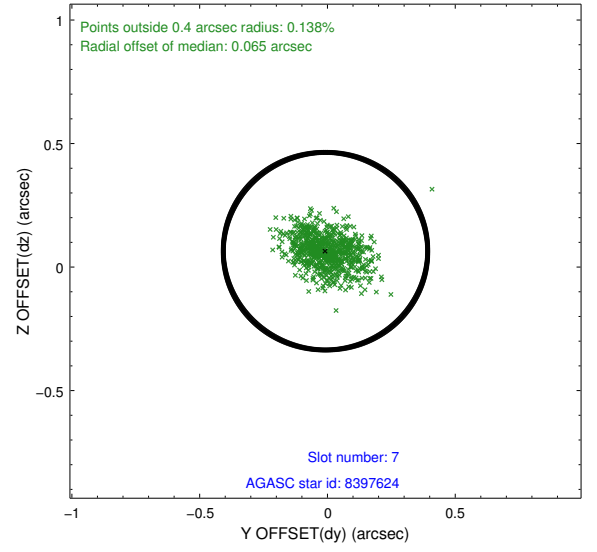
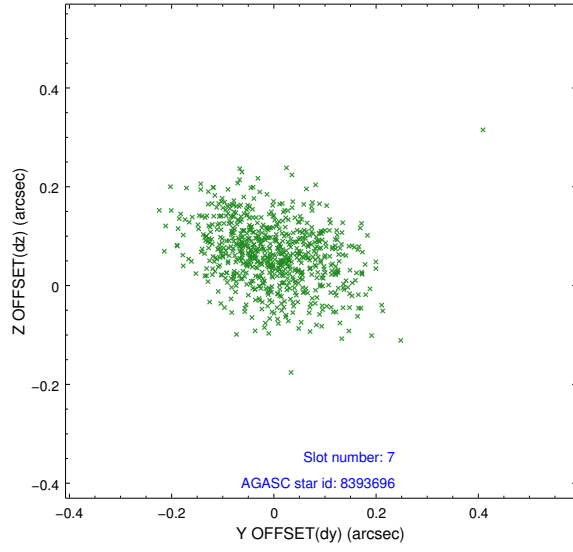
2.4.3 Slot 5



2.4.4 Slot 6

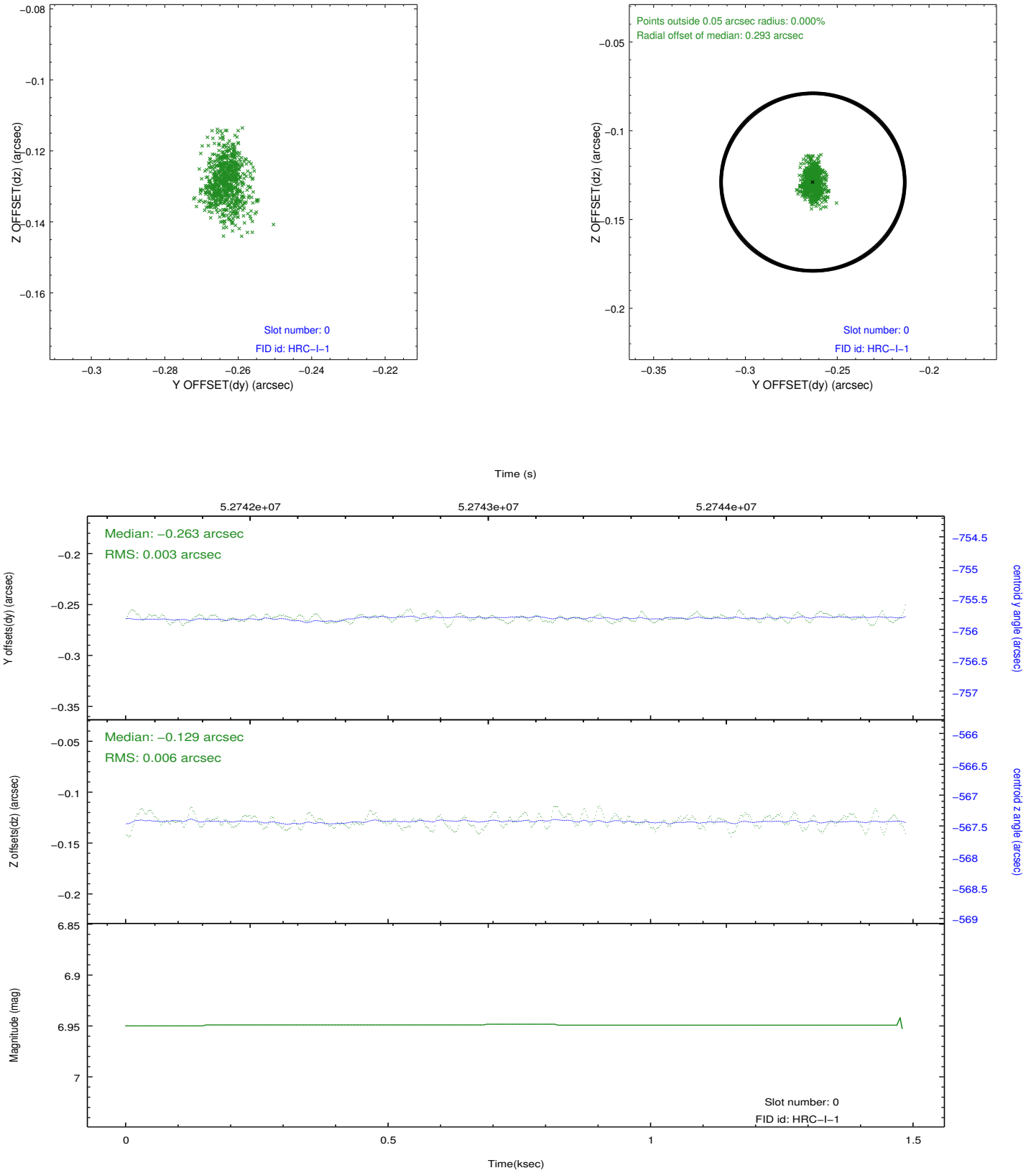


2.4.5 Slot 7

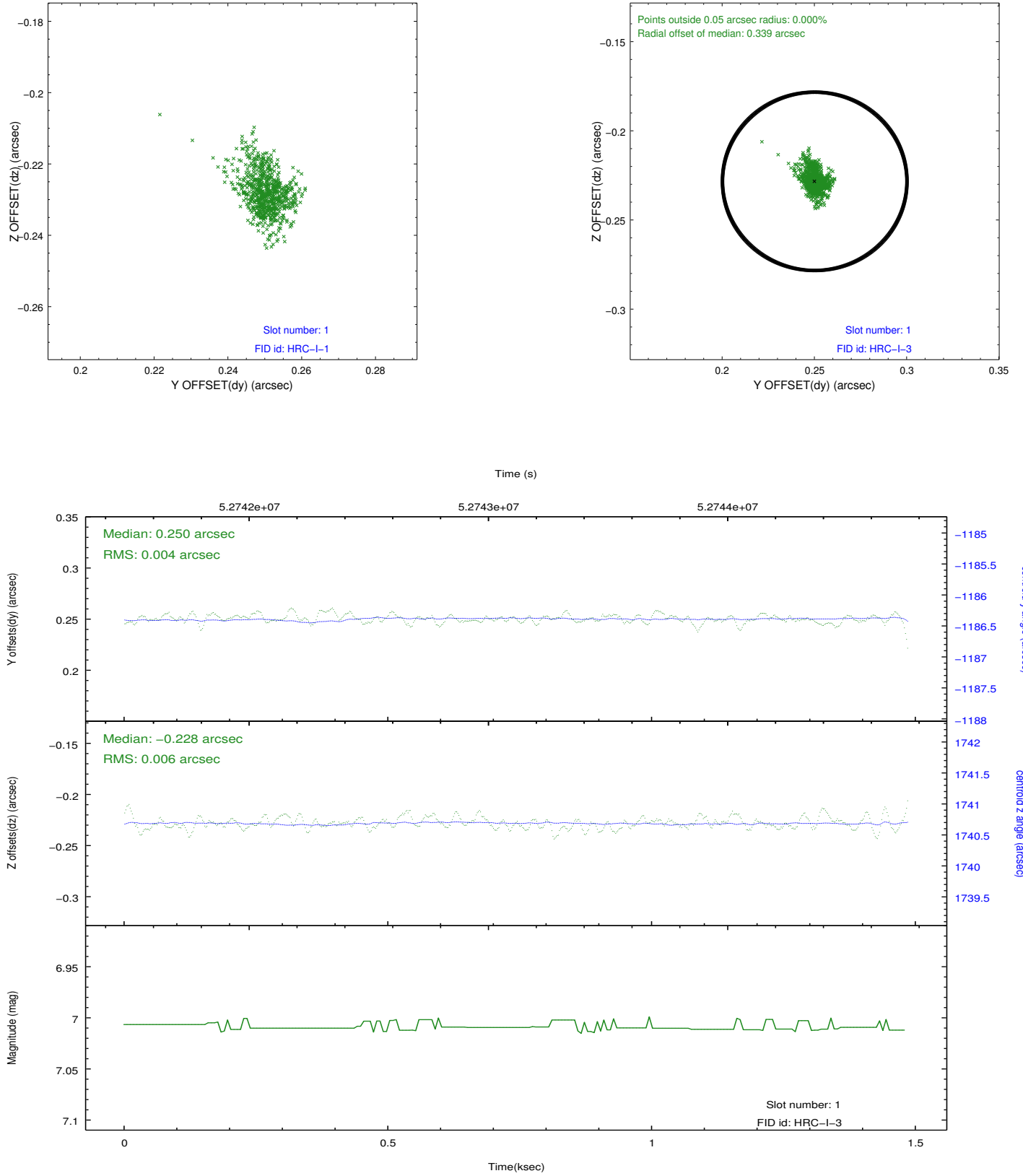


2.5 FID Slots

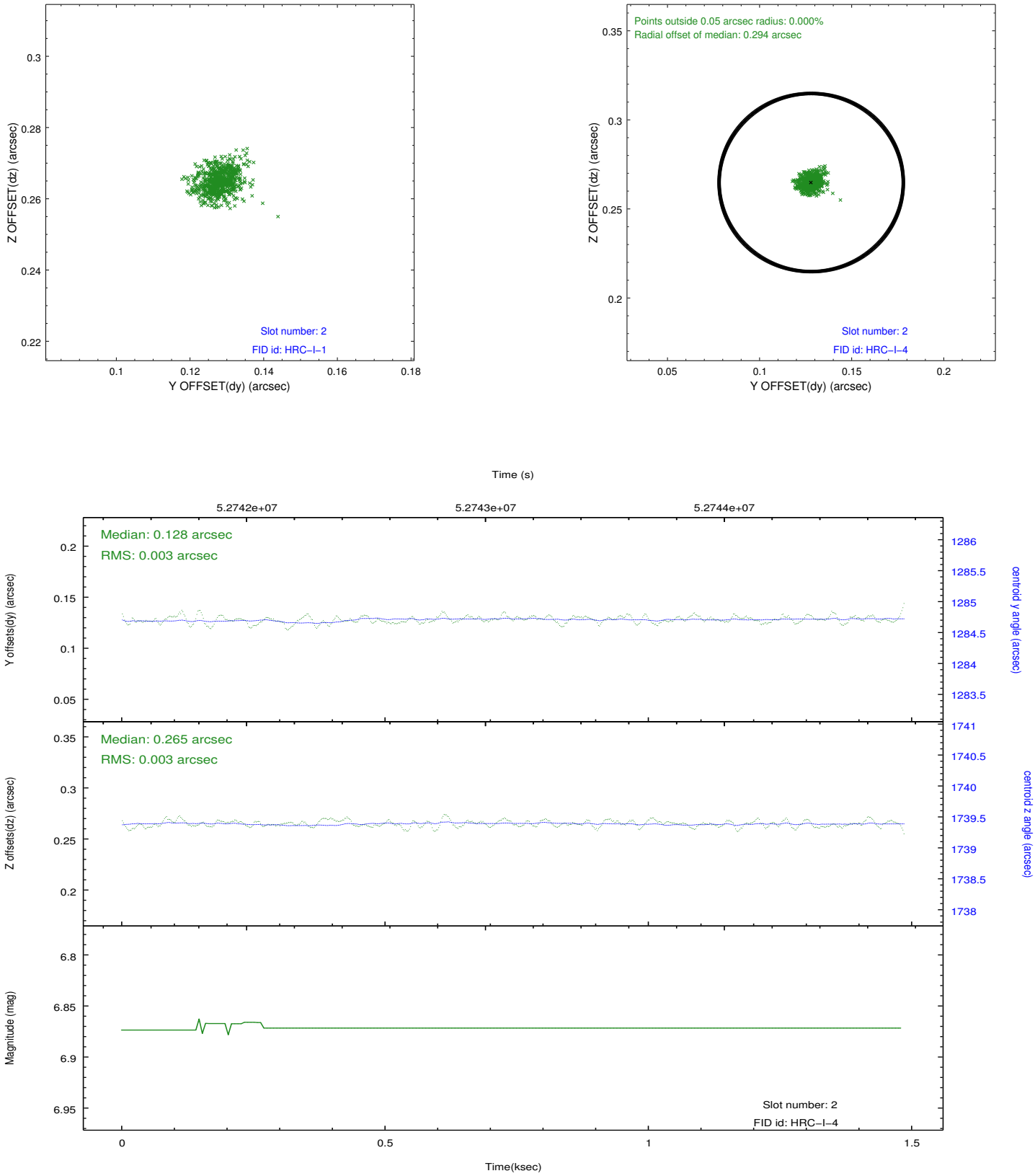
2.5.1 Slot 0



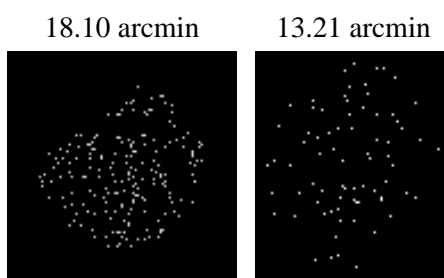
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.794

A.2 Comments

Target is very off-axis.