

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1126 - L2 Version 2

Chandra X-Ray Center

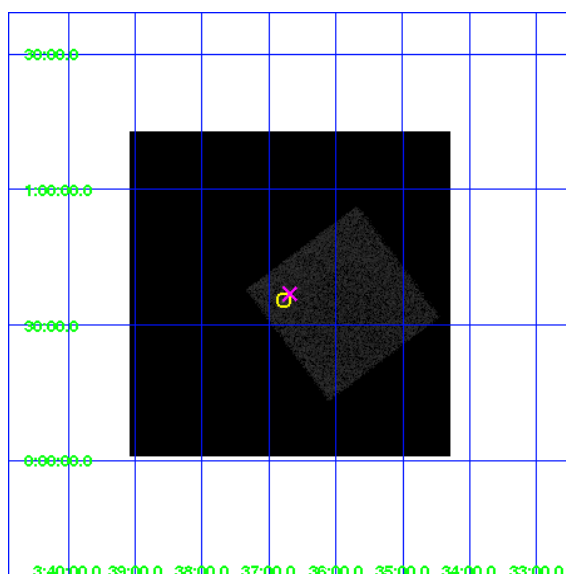
L2 Processing Date : Jan 12 2010

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1 Front

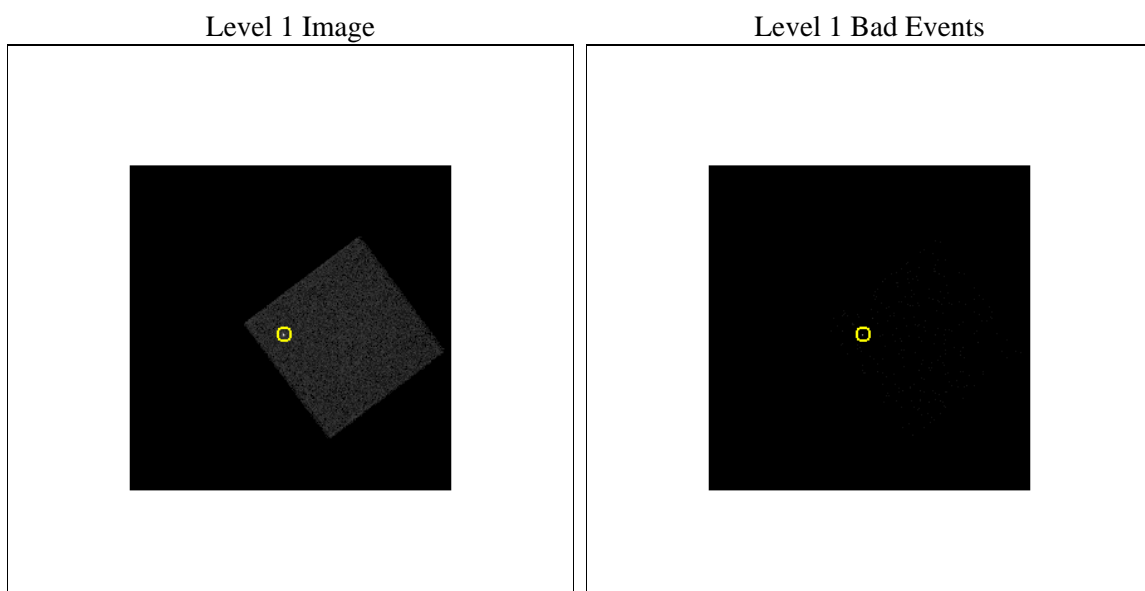
seq_num	280076	Sequence number
obs_id	1126	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.17184155	Nominal RA
dec_nom	0.61535761217081	Nominal Dec
roll_nom	98.199608215284	Nominal Roll
revision	2	Processing version of data
ontime	795.65627857298	[s]
livetime	789.12128261859	Ontime multiplied by DTCOR
l2events	32970	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	795.65627857298	[s]
caldbver	4.1.5	 	l1events	54429	Number of level 1 events
date	2010-01-12T22:25:52	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

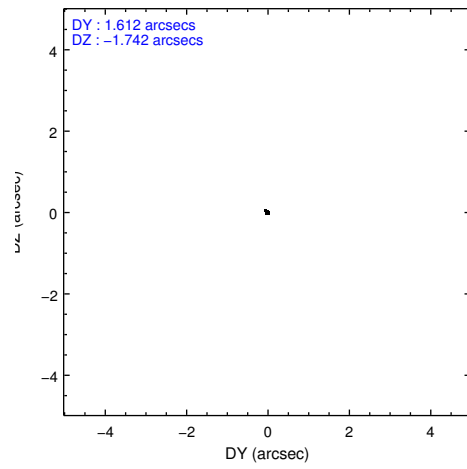
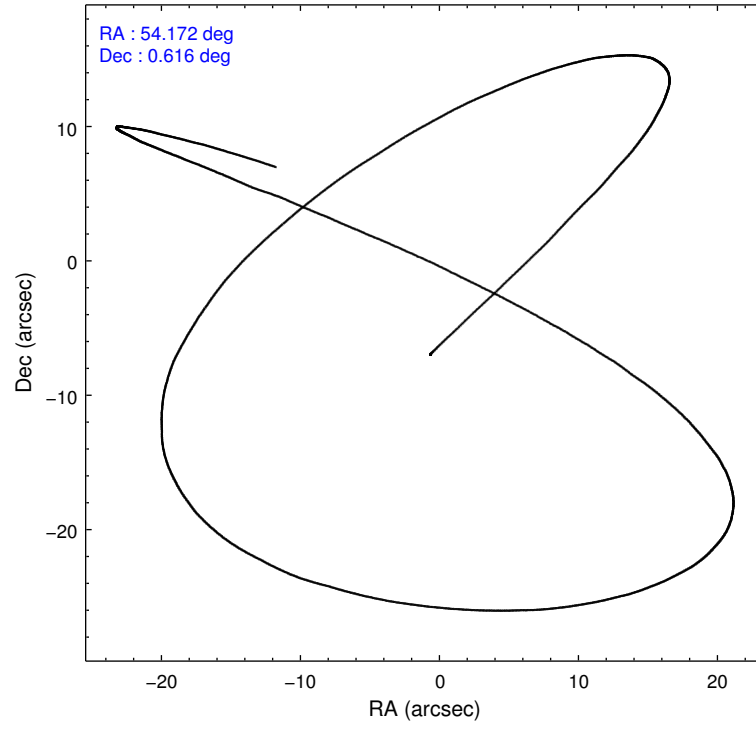
	segment 0
level 1 events	54429
rejected events	3087
rejected %	5%

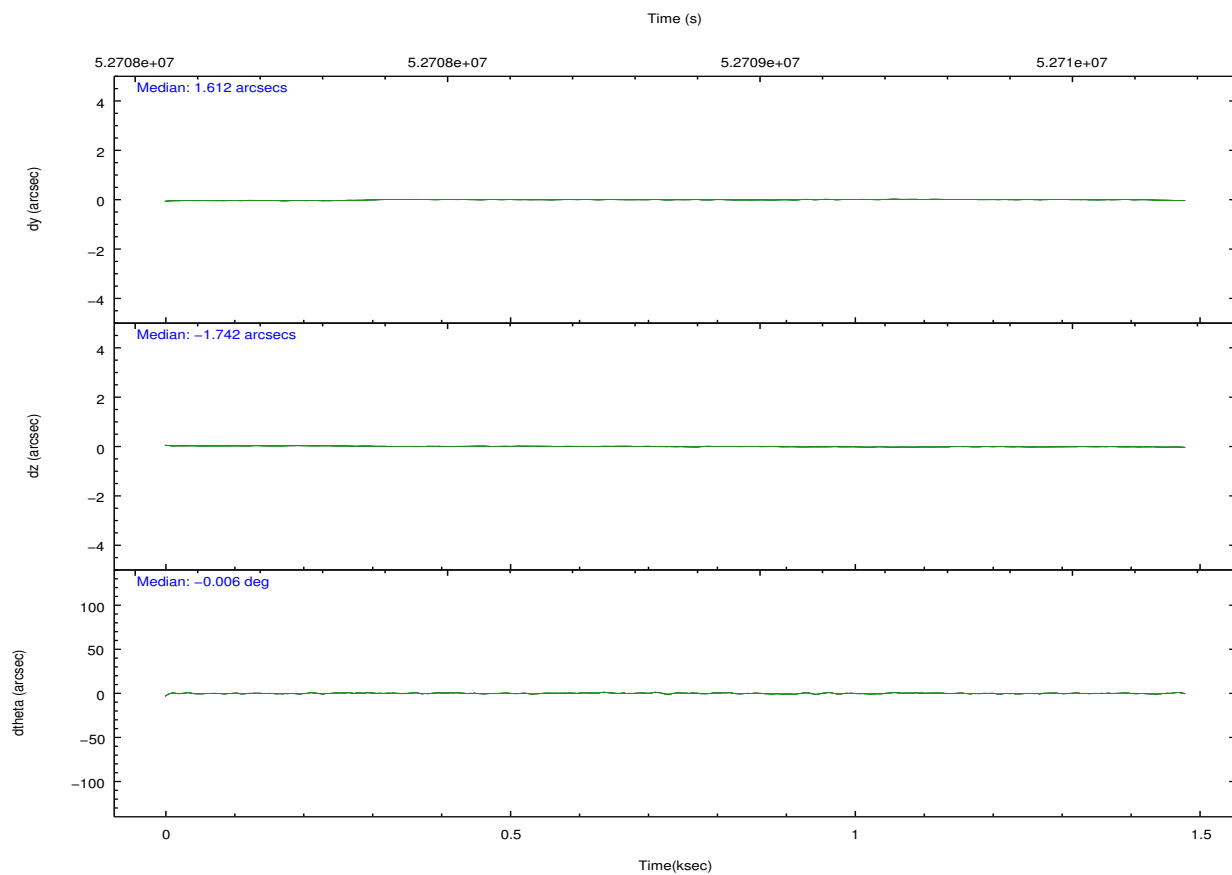
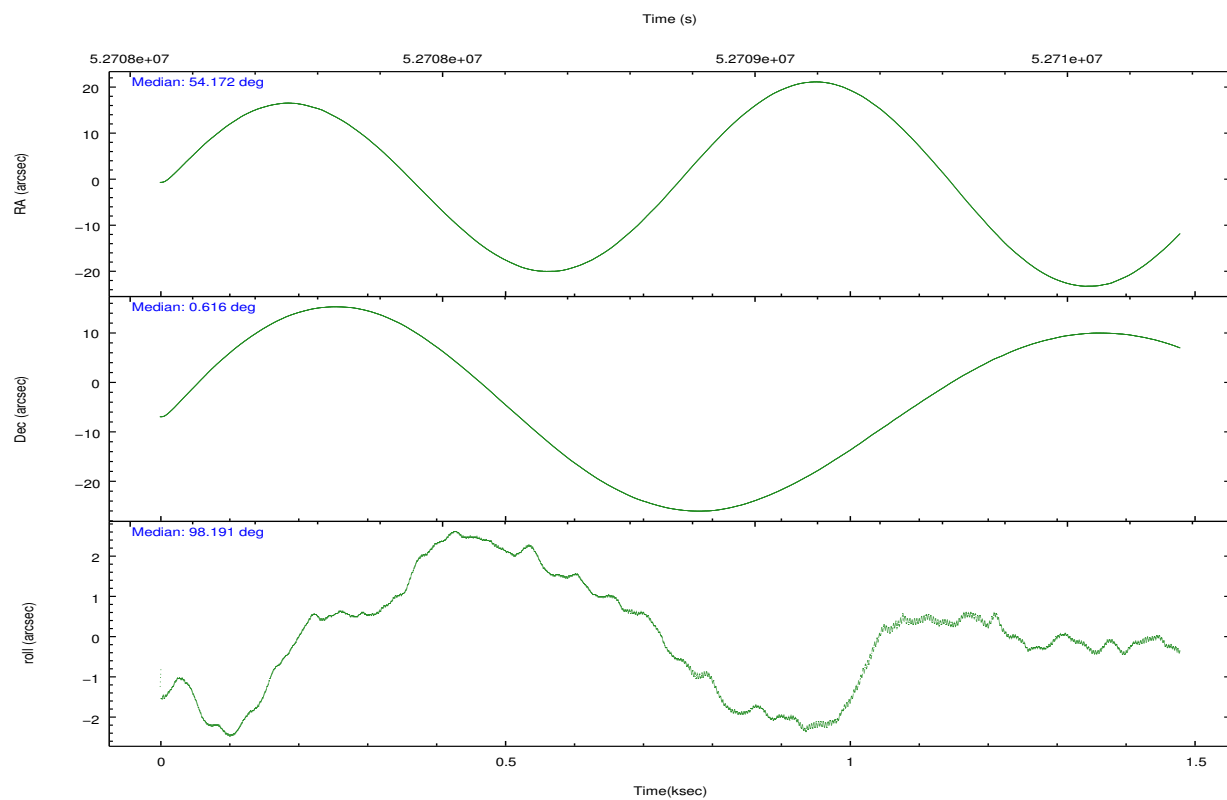
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.188919	54.17184155000048
Pointing Dec	0.592823	0.6153576121708115
Pointing Roll	98.294911	98.19960821528429
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	52708602.184000	52707935.531176
Observation start date	1999-09-03T01:15:38	1999-09-03T01:05:35
Observation end time	52709602.184000	52709735.94374
Observation end date	1999-09-03T01:32:18	1999-09-03T01:35:35

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

2.3 Aspect



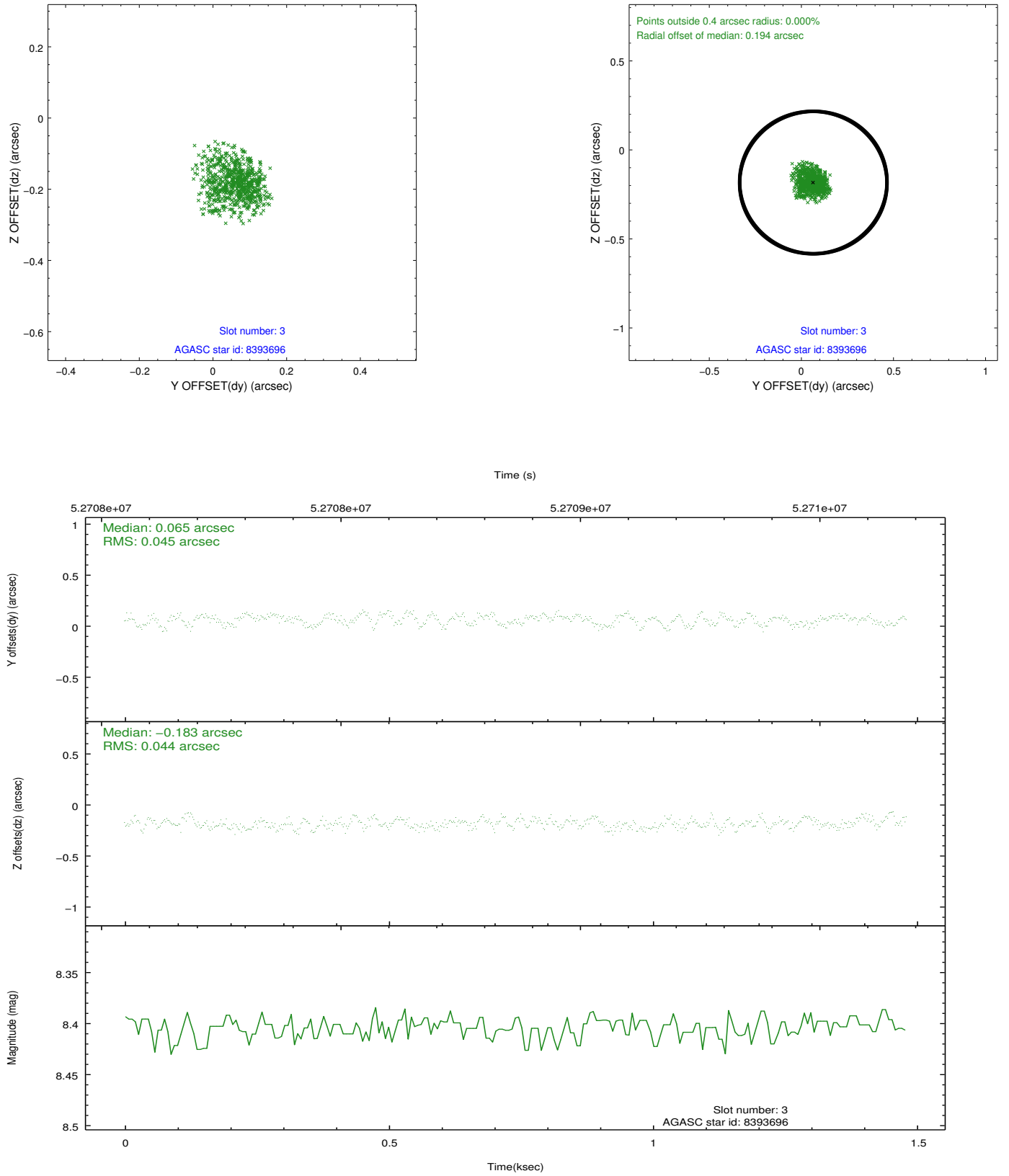


Slot Statistics

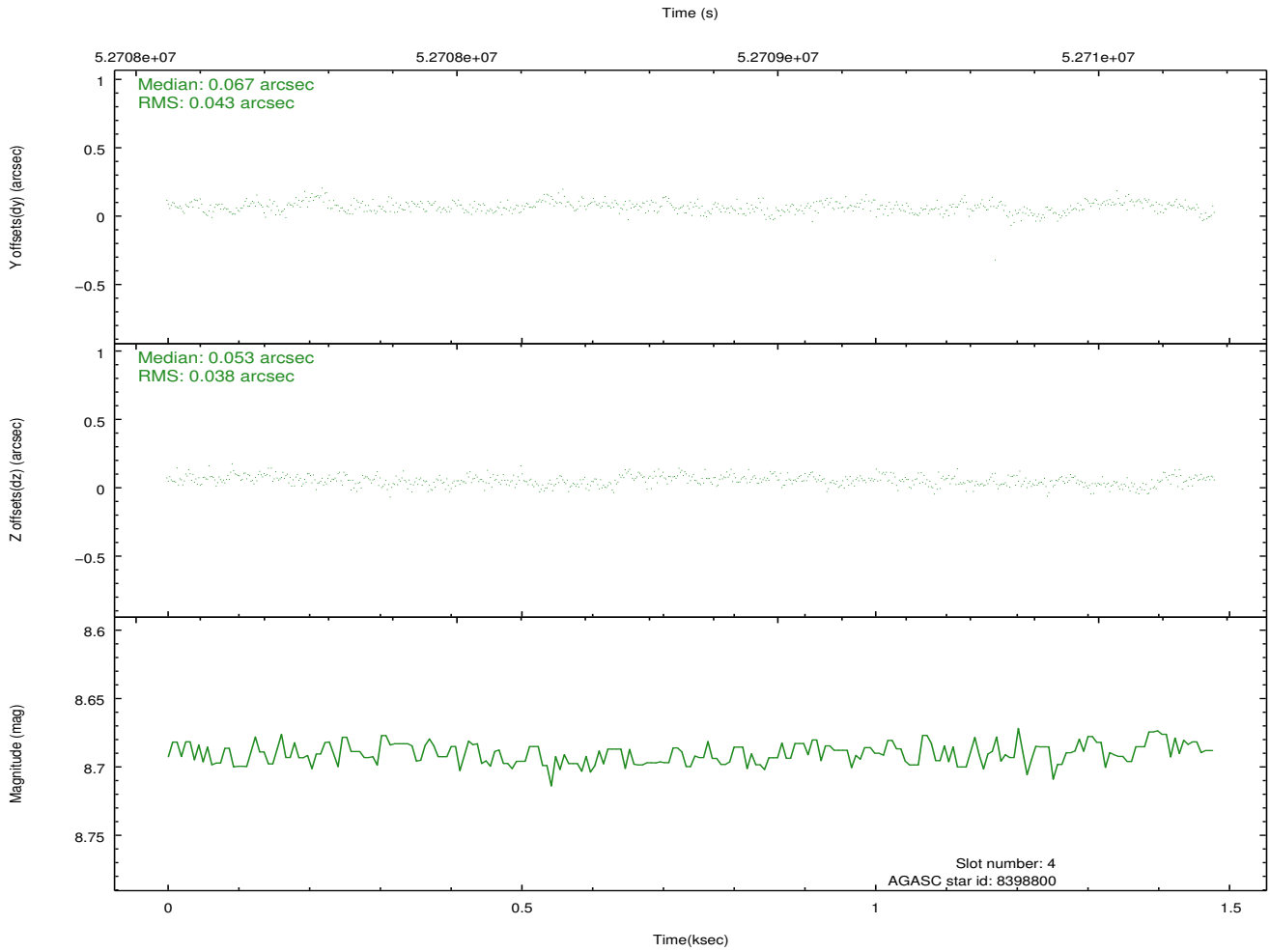
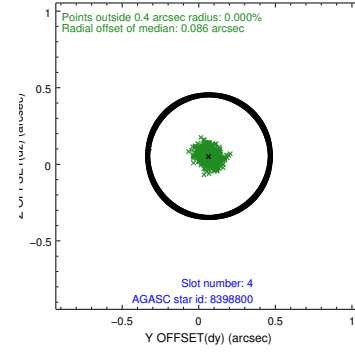
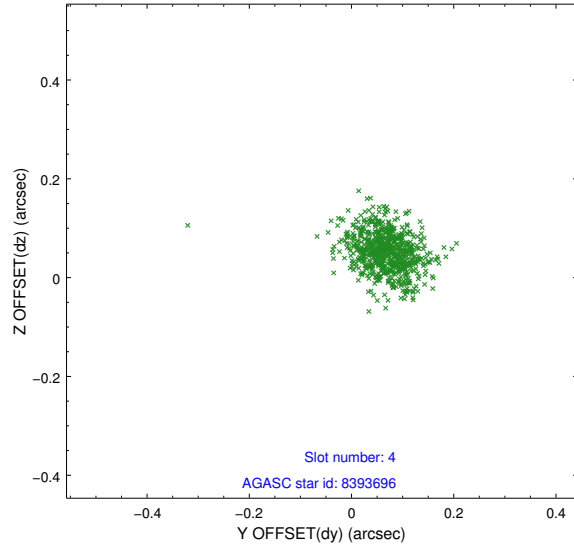
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	723	-0.267	-0.173	0.006	0.011	0.000000	0.000000	-755.75	-568.04
1	FID	HRC-I-3	7.02	721	0.249	-0.195	0.007	0.012	0.000000	0.000000	-1187.40	1739.36
2	FID	HRC-I-4	6.88	721	0.133	0.276	0.005	0.009	0.000000	0.000000	1283.10	1741.28
3	GUIDE	8393696	8.40	720	0.065	-0.183	0.070	0.108	53.645666	0.680479	590.50	1889.42
4	GUIDE	8398800	8.69	722	0.067	0.053	0.059	0.099	54.242352	0.922024	1142.13	-358.53
5	GUIDE	8390744	9.02	720	-0.032	-0.145	0.073	0.116	53.677290	0.926294	1451.22	1648.66
6	GUIDE	8395104	8.66	722	0.020	0.175	0.082	0.123	54.744893	0.796520	435.60	-2083.72
7	GUIDE	8397176	9.61	720	-0.122	0.096	0.120	0.186	54.271296	1.290456	2439.27	-658.20

2.4 Star Slots

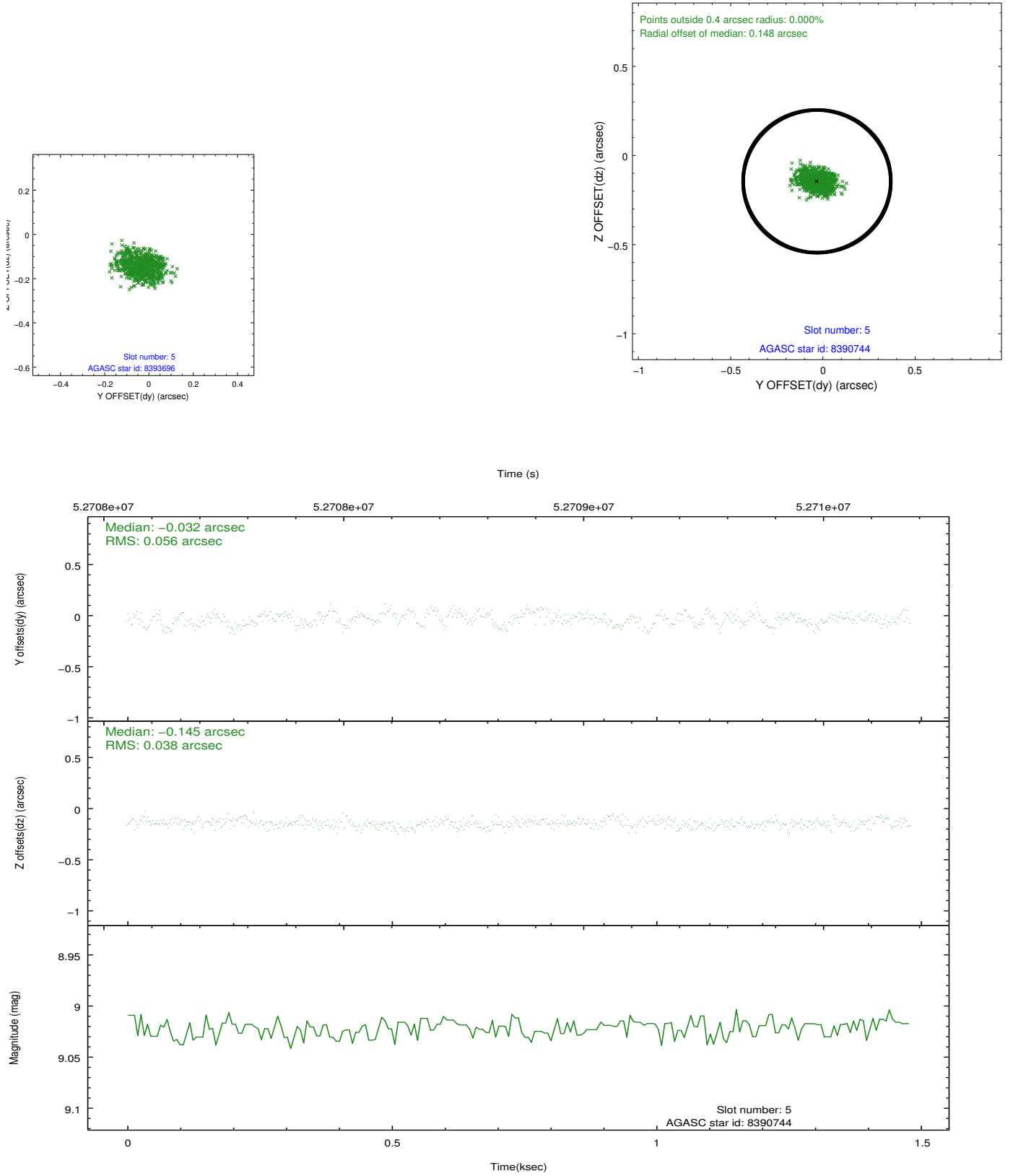
2.4.1 Slot 3



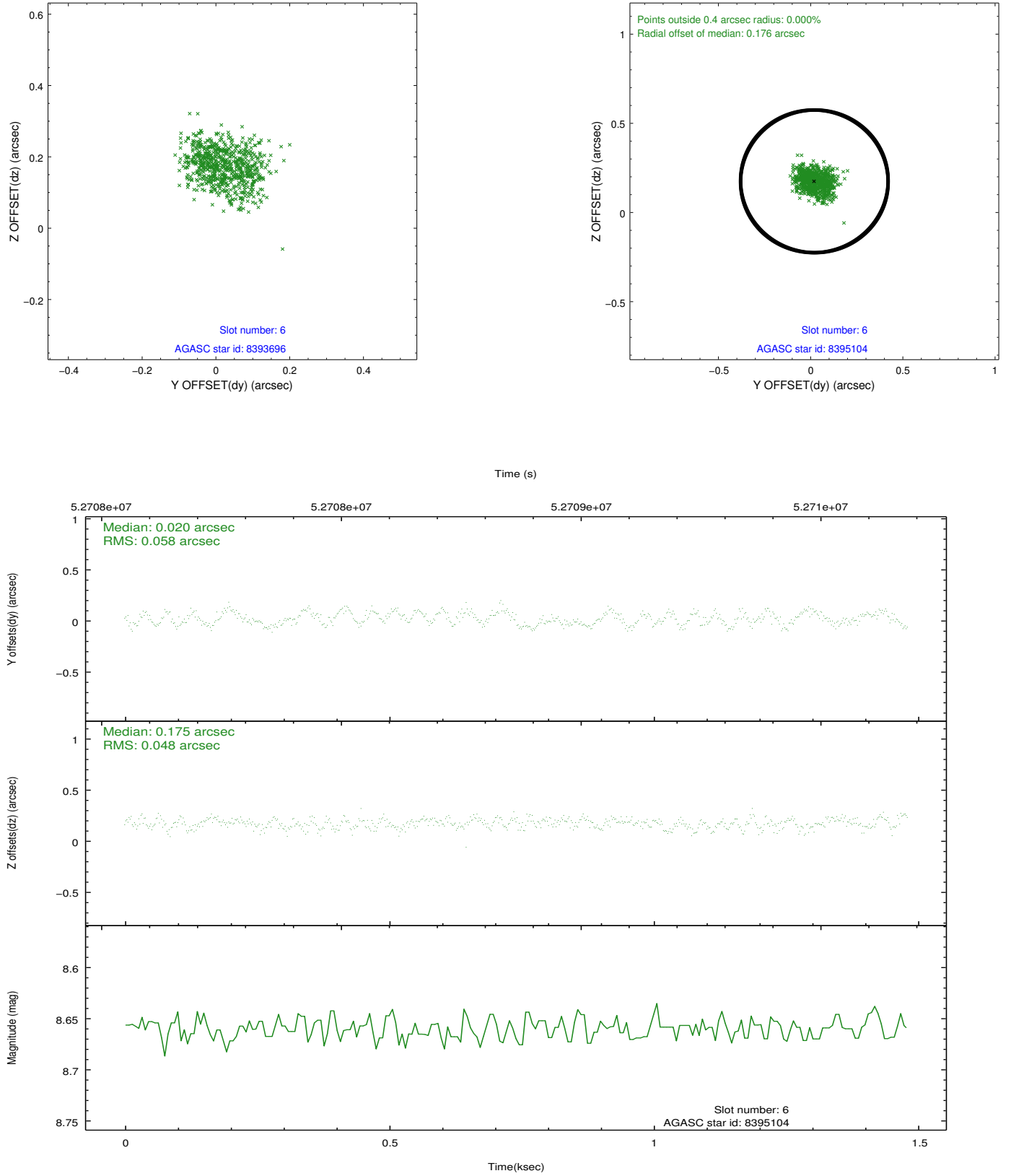
2.4.2 Slot 4



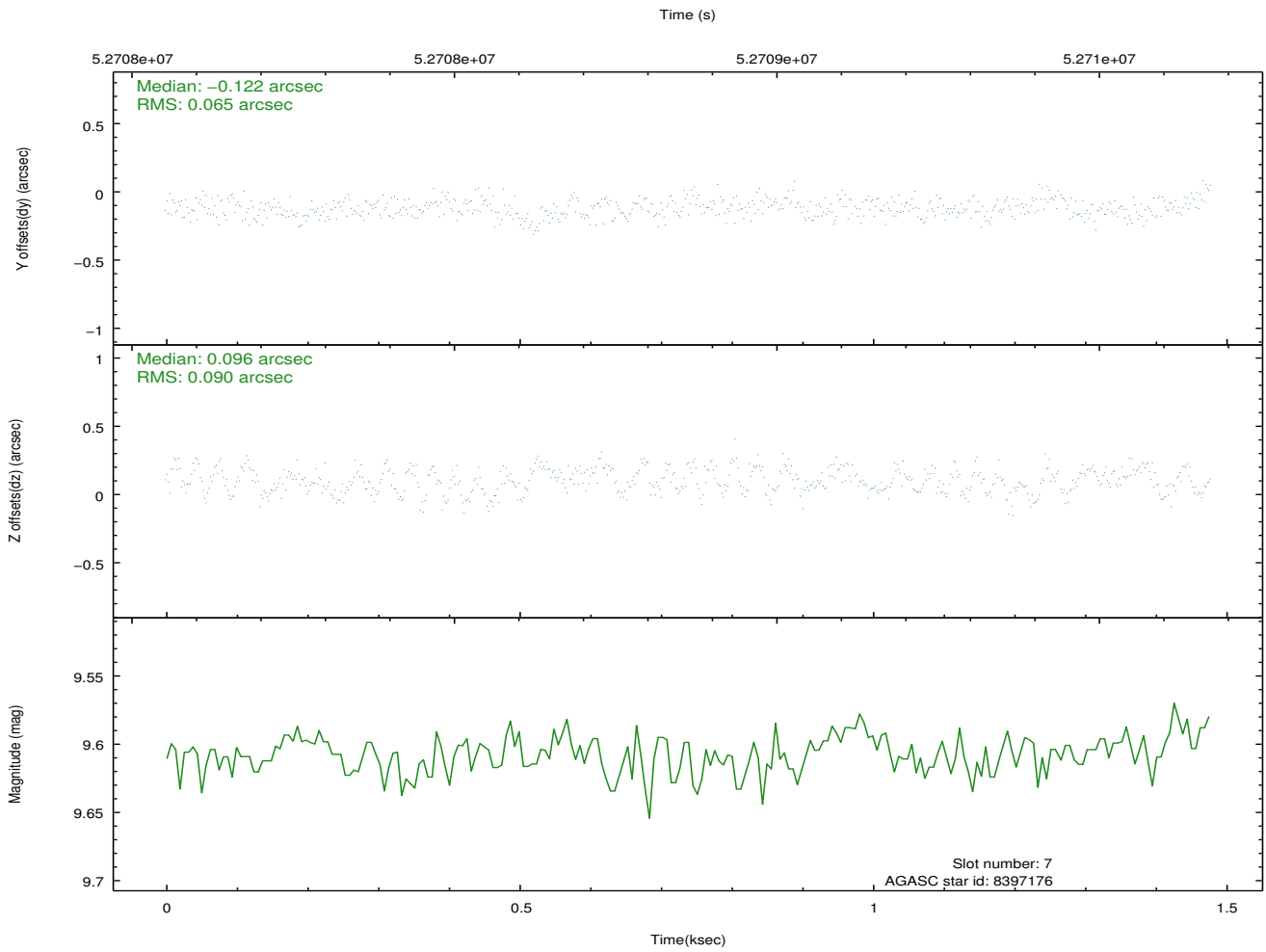
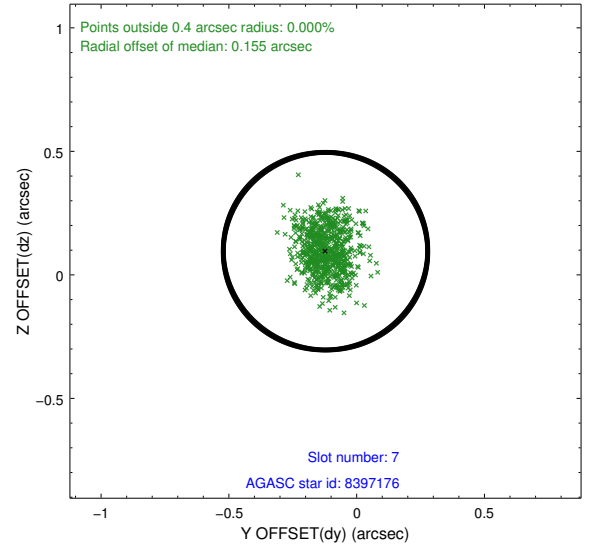
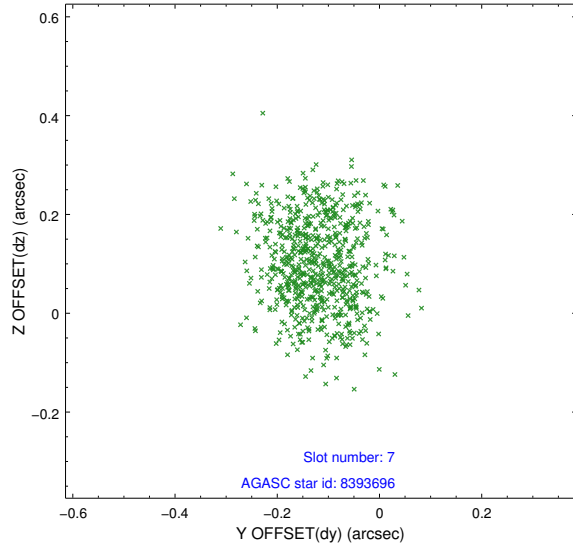
2.4.3 Slot 5



2.4.4 Slot 6

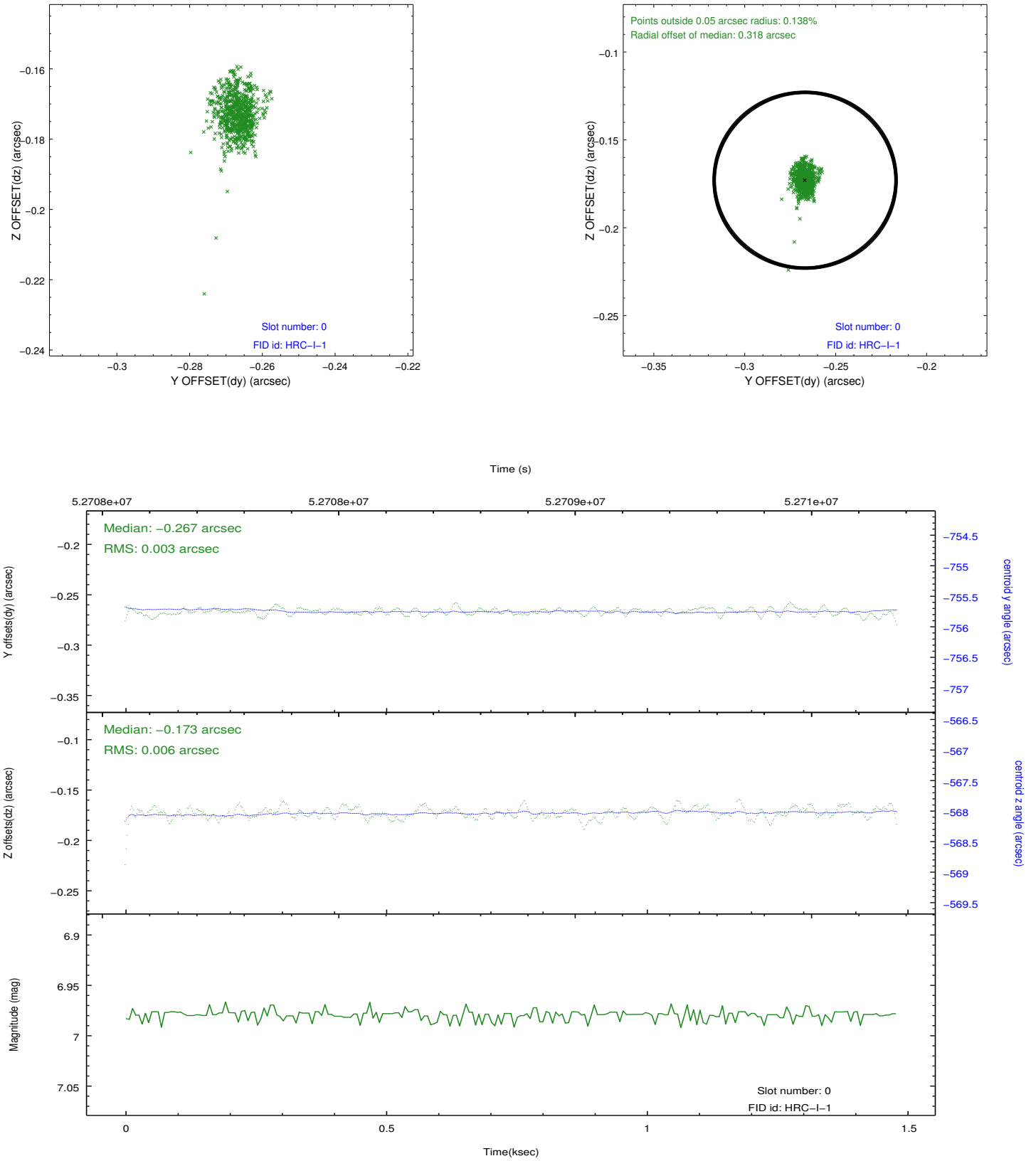


2.4.5 Slot 7

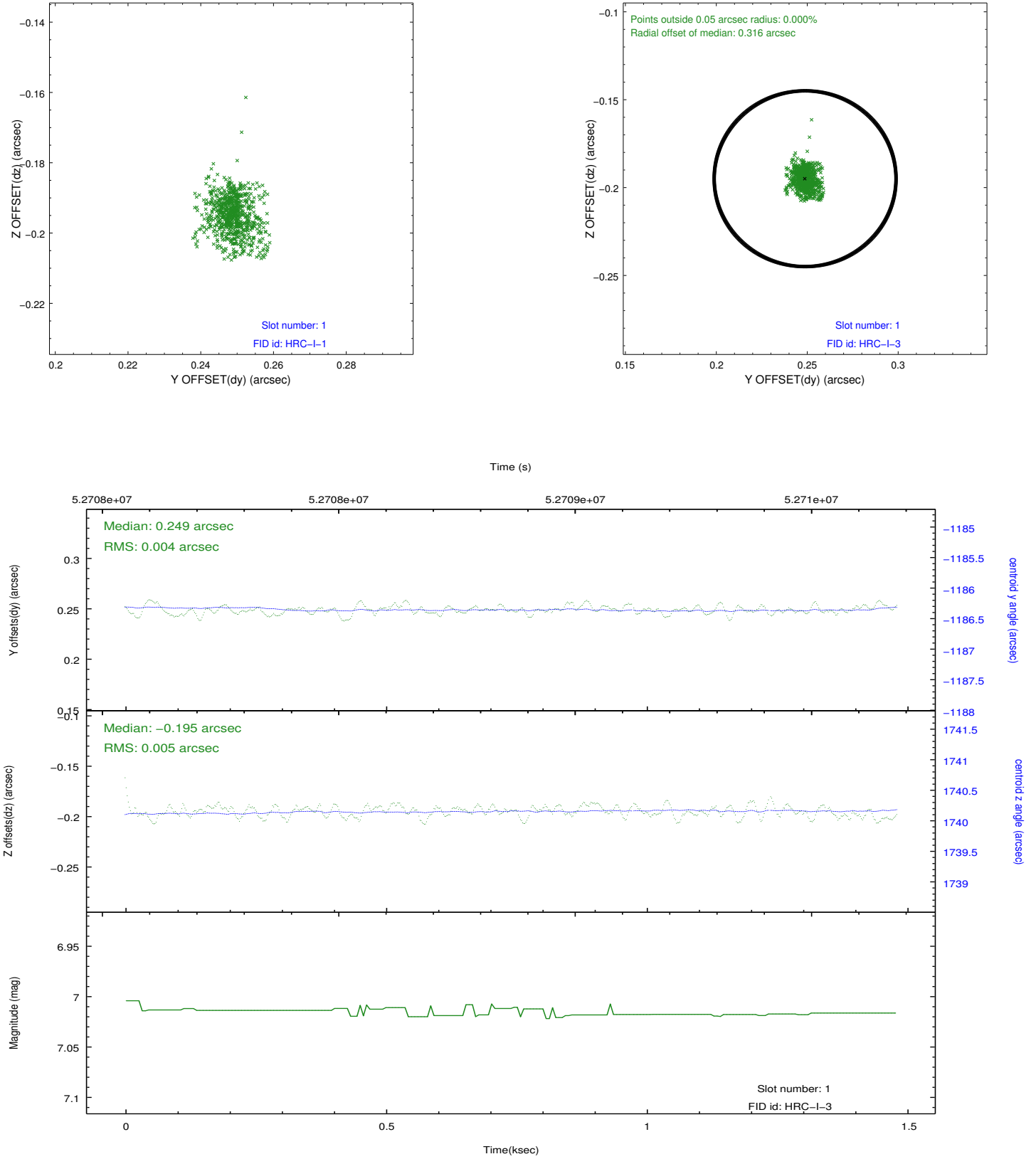


2.5 FID Slots

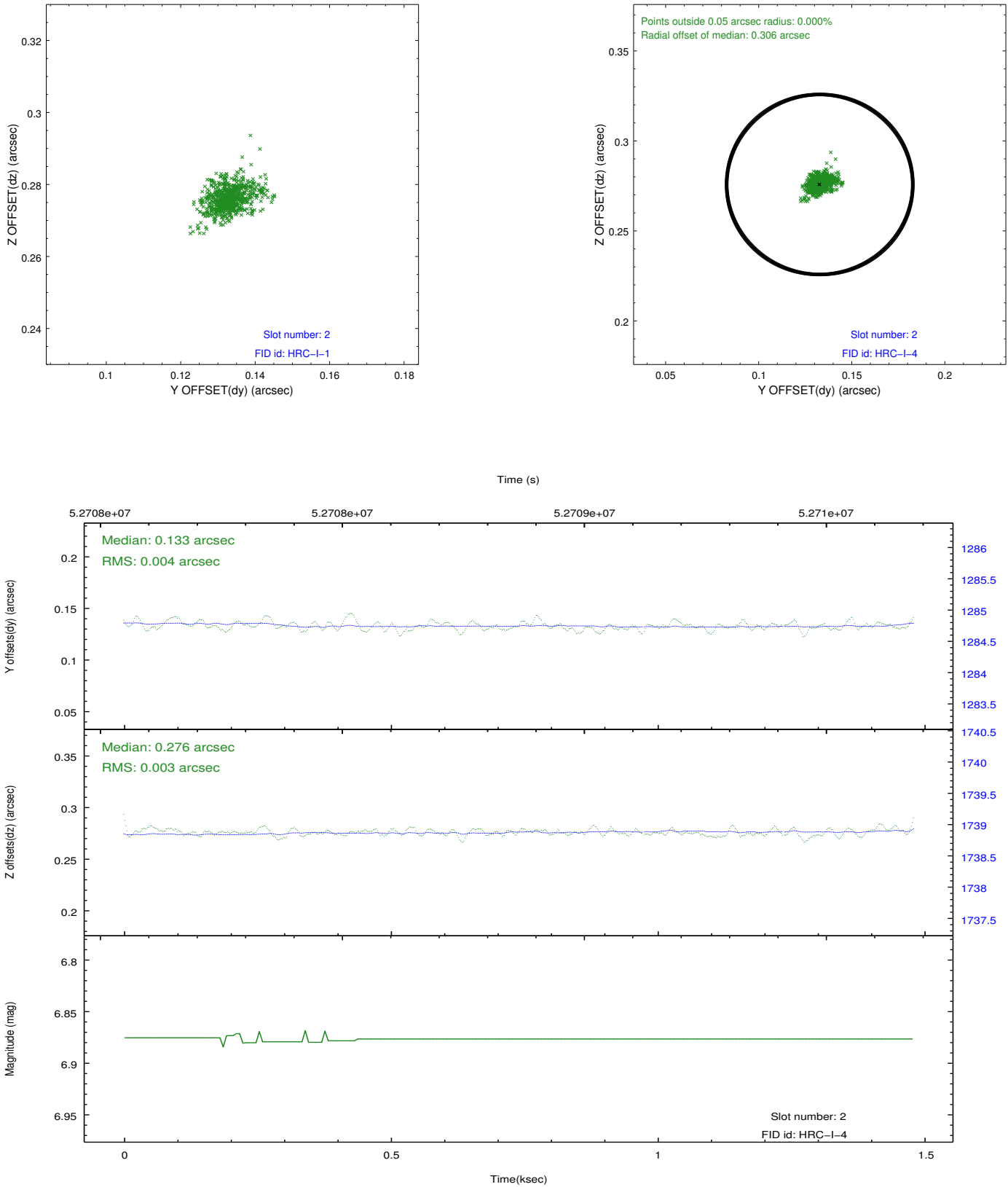
2.5.1 Slot 0



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)	2010.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.795

A.2 Comments

HRC-I Optical Axis determination. Target is very off-axis.