

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1129 - L2 Version 4

Chandra X-Ray Center

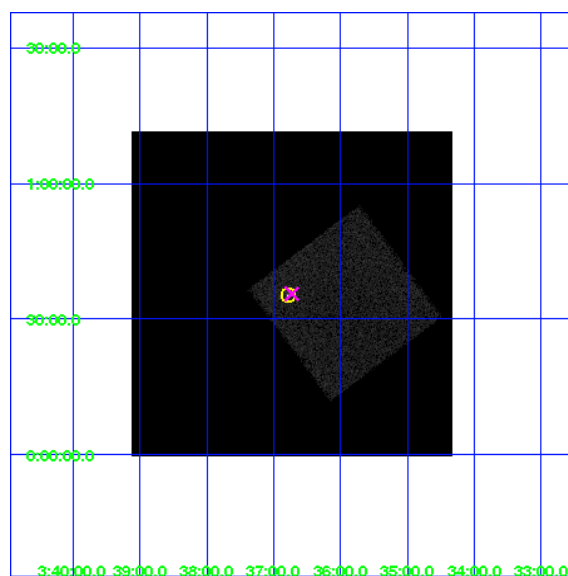
L2 Processing Date : Jan 12 2010

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1 Front

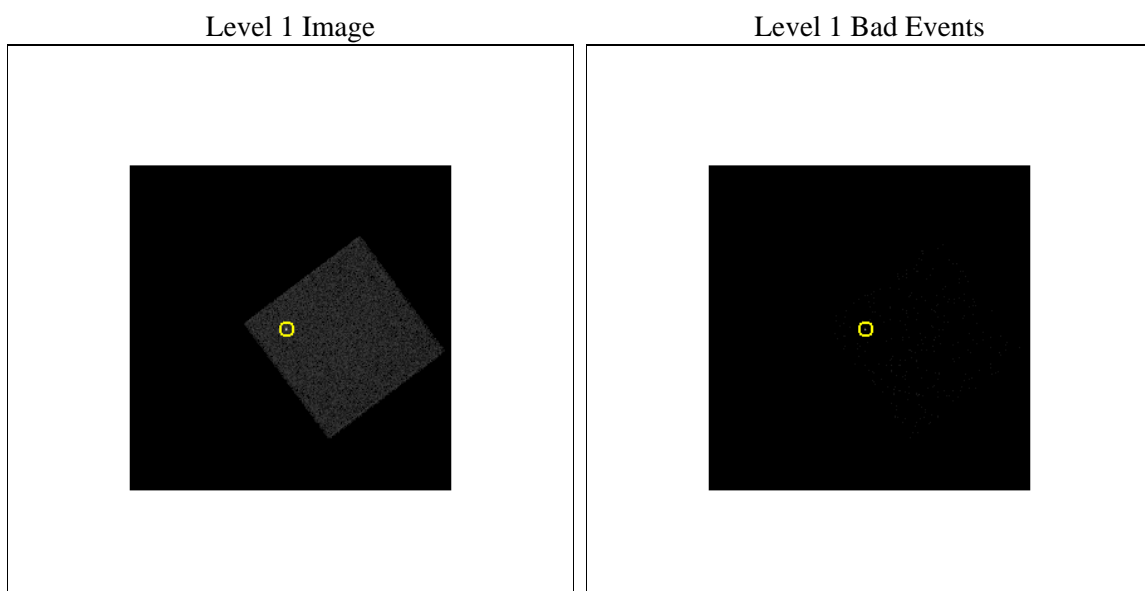
seq_num	280079	Sequence number
obs_id	1129	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.181792567852	Nominal RA
dec_nom	0.59325342271148	Nominal Dec
roll_nom	98.1722409941	Nominal Roll
revision	4	Processing version of data
ontime	794.63127853721	[s]
livetime	787.9903929319	Ontime multiplied by DTCOR
l2events	34493	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	56245	Number of level 1 events
date	2010-01-12T22:26:20	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

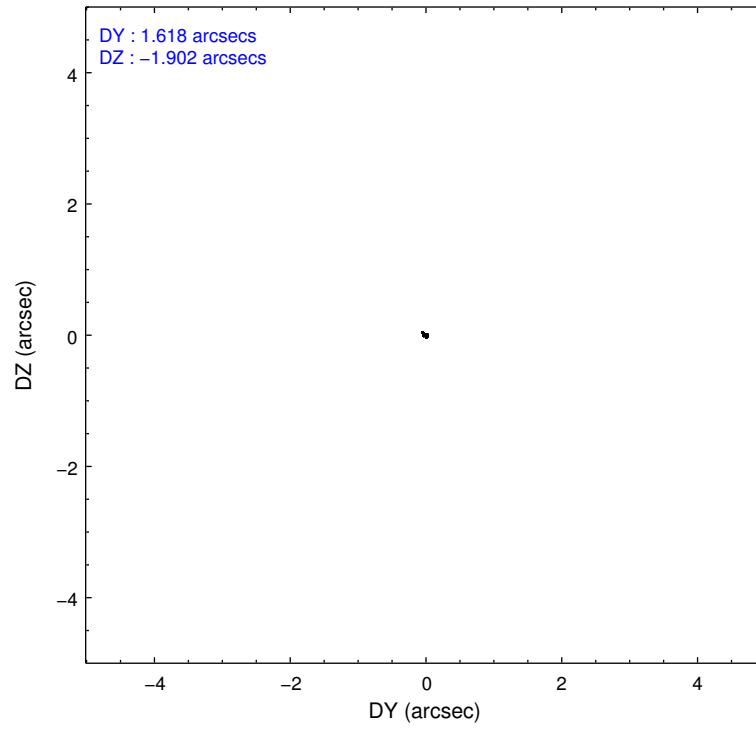
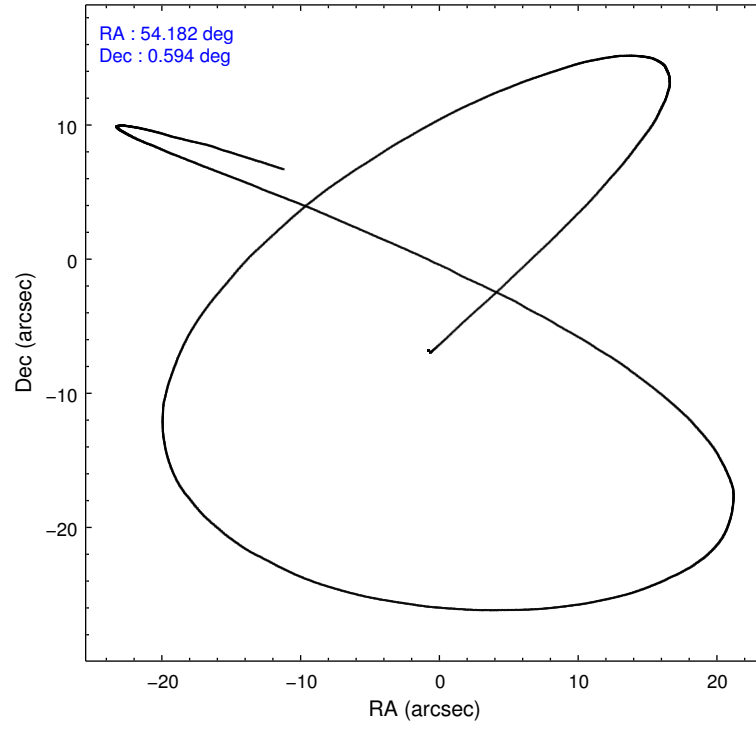
	segment 0
level 1 events	56245
rejected events	3307
rejected %	5%

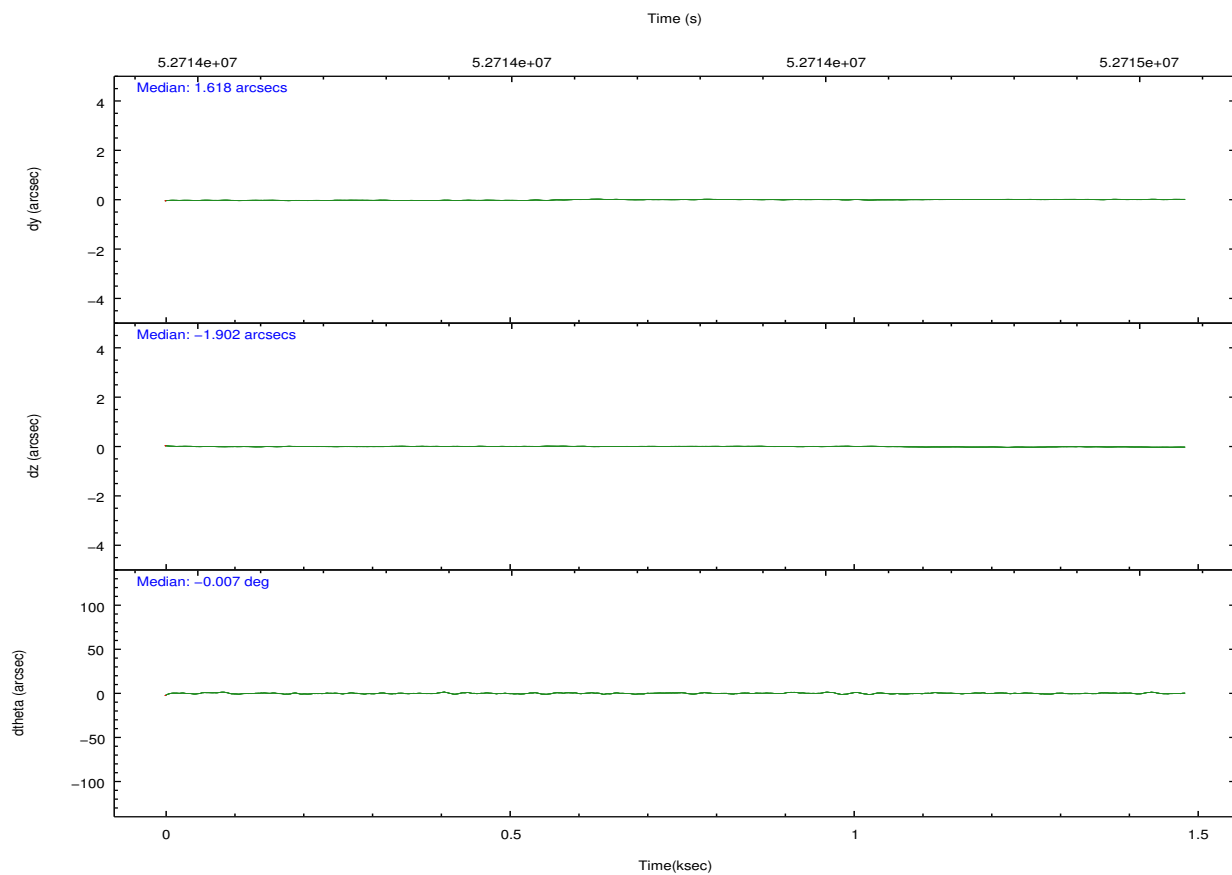
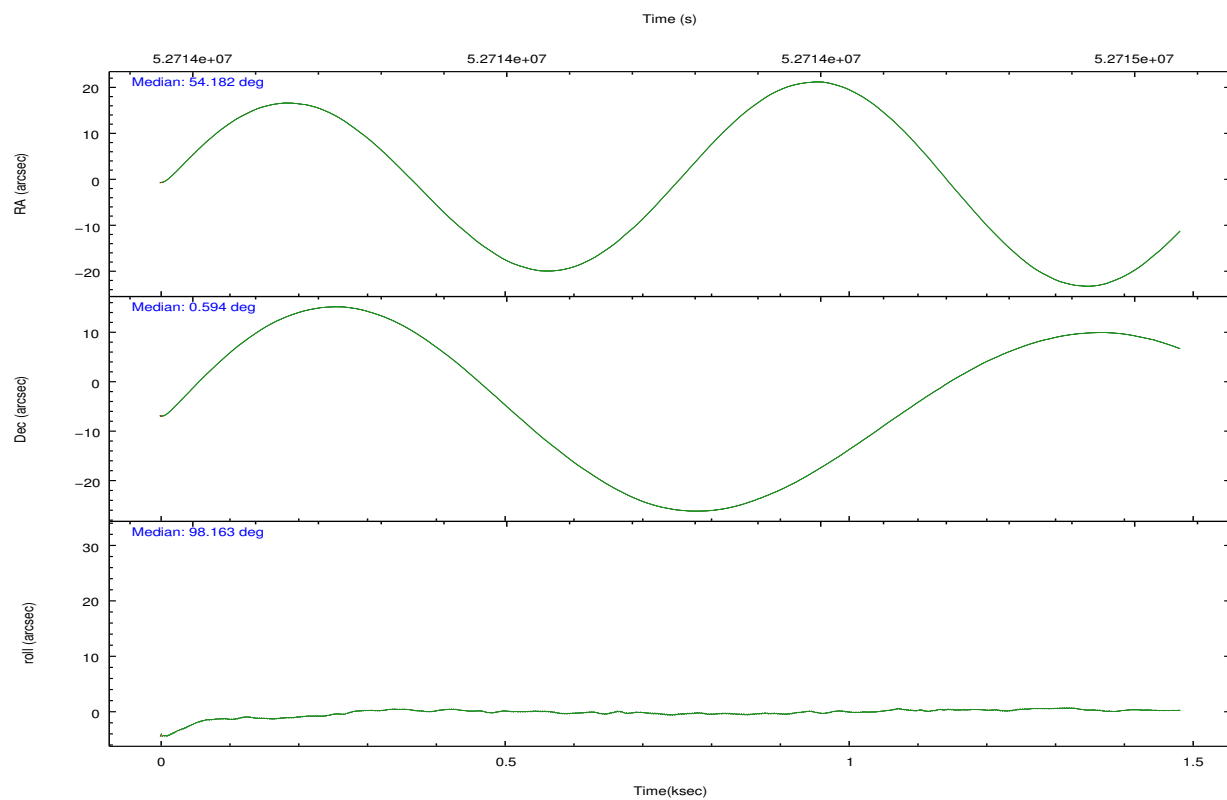
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.198870	54.18179256785194
Pointing Dec	0.570698	0.5932534227114752
Pointing Roll	98.267541	98.17224099409962
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	52714002.184000	52713335.74387
Observation start date	1999-09-03T02:45:38	1999-09-03T02:35:35
Observation end time	52715002.184000	52715135.643934
Observation end date	1999-09-03T03:02:18	1999-09-03T03:05:35

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

2.3 Aspect



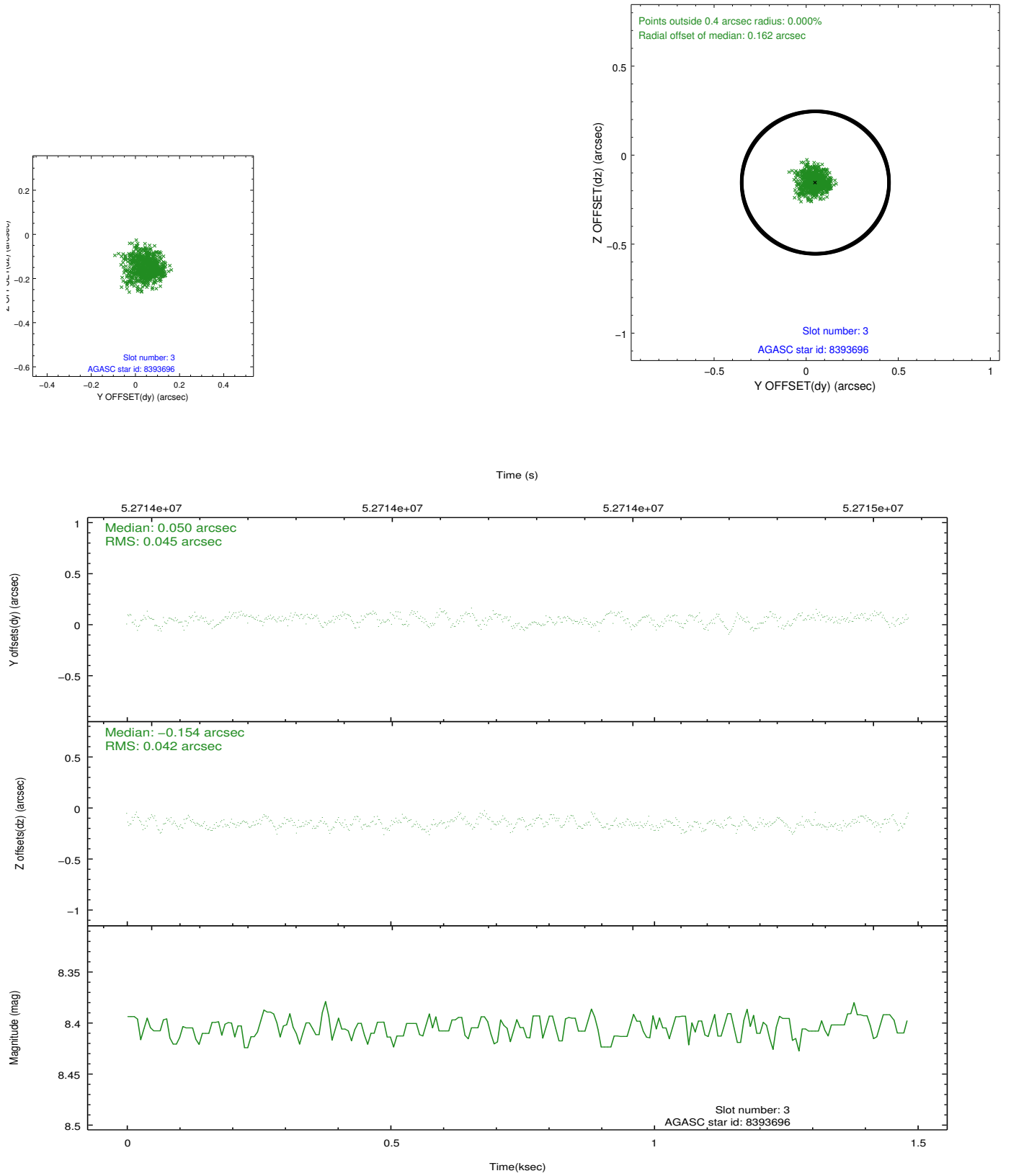


Slot Statistics

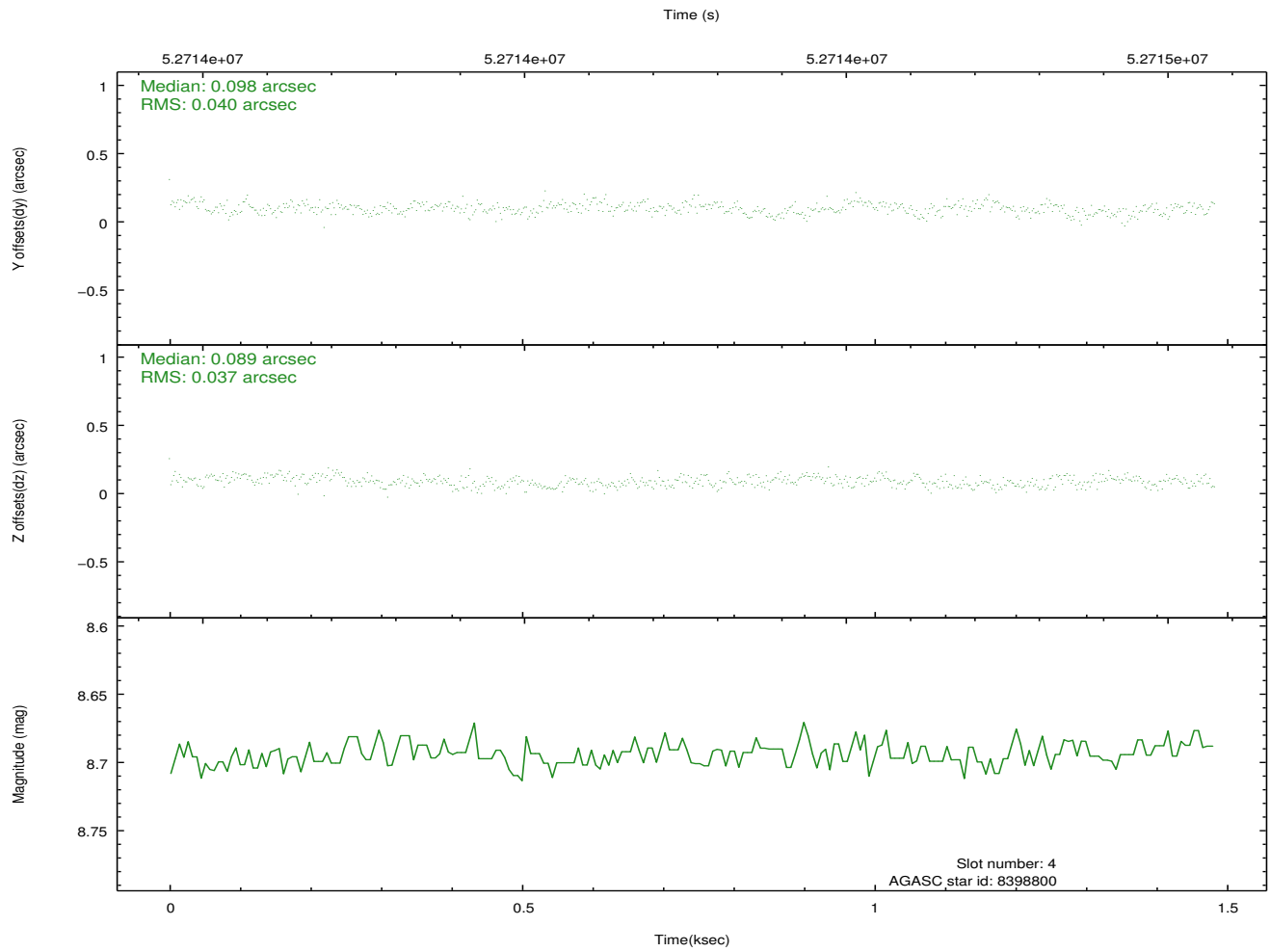
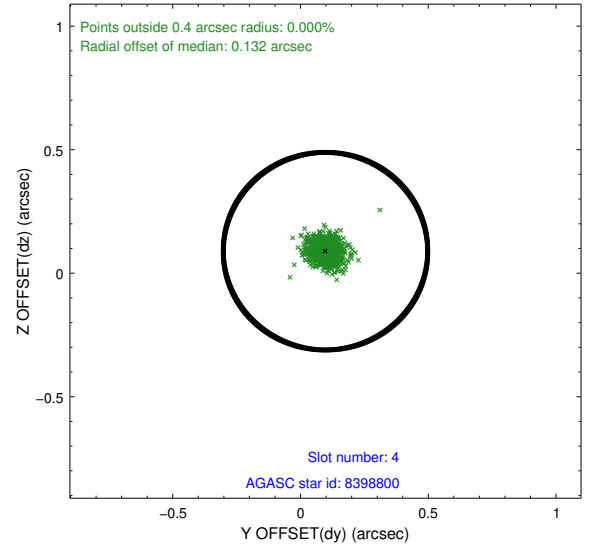
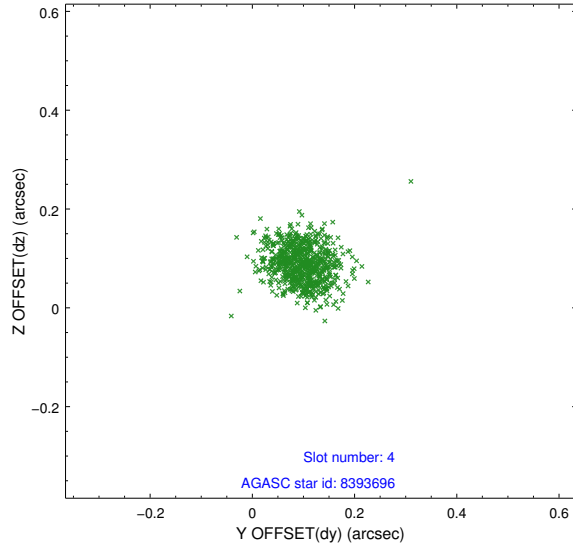
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	724	-0.266	-0.176	0.006	0.011	0.000000	0.000000	-755.75	-567.87
1	FID	HRC-I-3	7.01	724	0.249	-0.192	0.006	0.010	0.000000	0.000000	-1187.41	1739.54
2	FID	HRC-I-4	6.88	724	0.132	0.276	0.005	0.009	0.000000	0.000000	1283.10	1741.45
3	GUIDE	8393696	8.40	723	0.050	-0.154	0.067	0.105	53.645666	0.680479	673.46	1913.71
4	GUIDE	8398800	8.69	724	0.098	0.089	0.056	0.092	54.242352	0.922024	1226.32	-333.96
5	GUIDE	8390744	9.03	724	-0.044	-0.124	0.083	0.132	53.677290	0.926294	1534.44	1673.42
6	GUIDE	8395104	8.66	724	0.030	0.224	0.072	0.109	54.744893	0.796520	520.61	-2059.48
7	GUIDE	8399352	9.95	722	-0.134	-0.037	0.122	0.196	53.946831	1.204693	2385.78	566.93

2.4 Star Slots

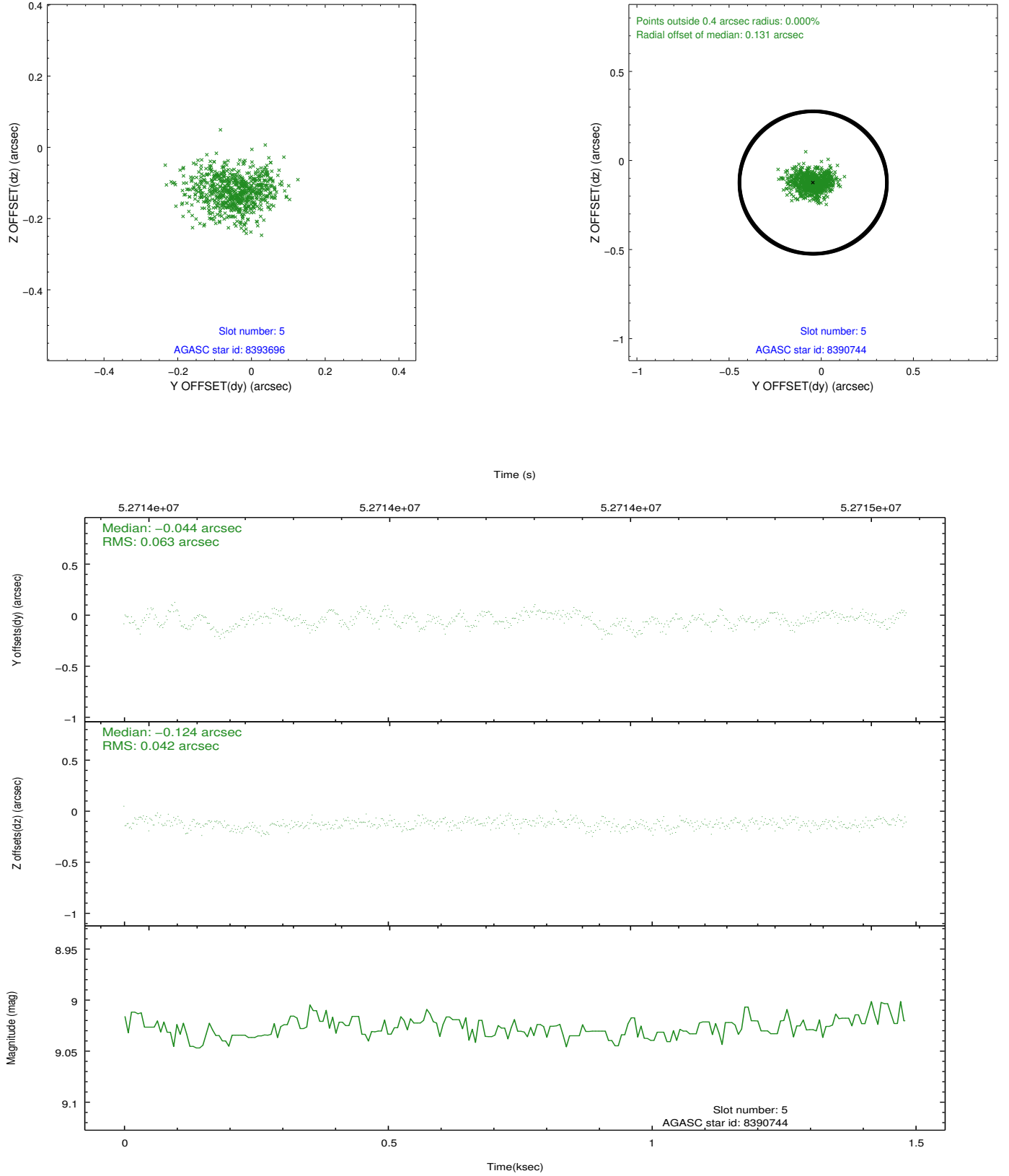
2.4.1 Slot 3



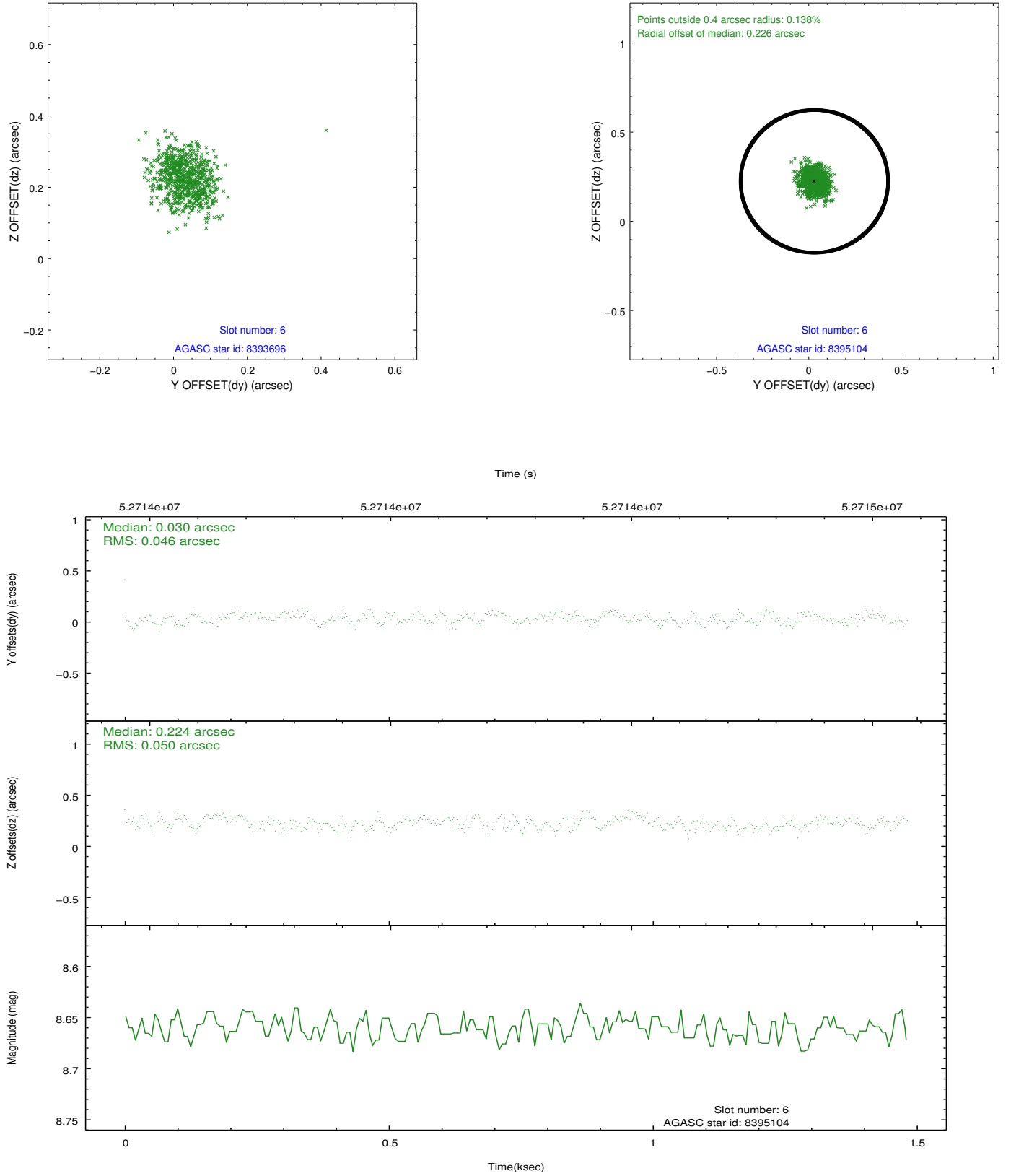
2.4.2 Slot 4



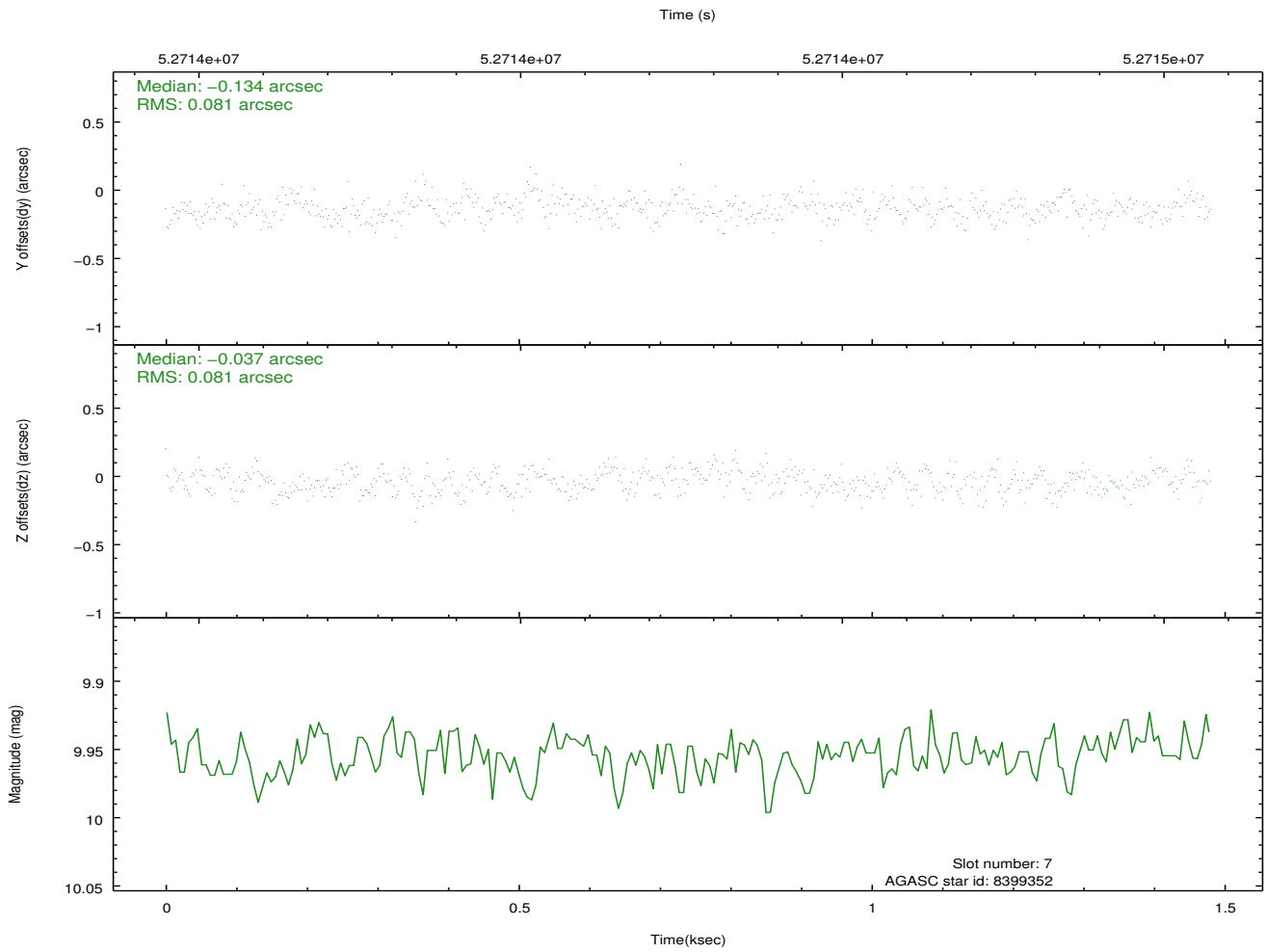
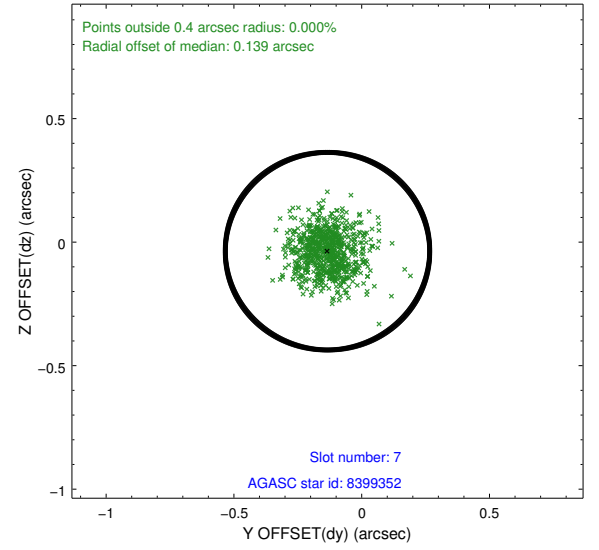
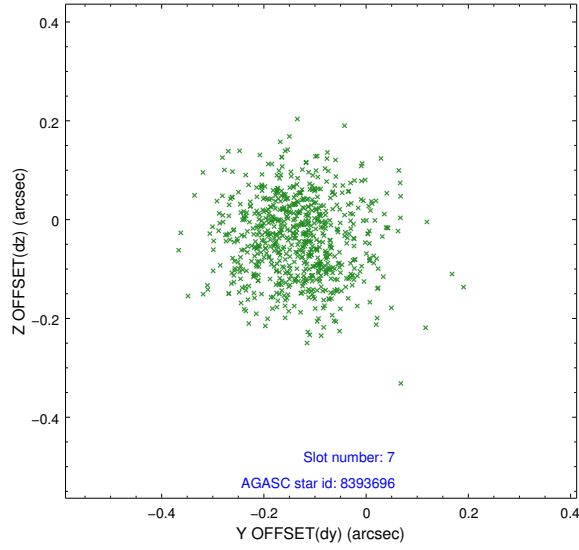
2.4.3 Slot 5



2.4.4 Slot 6

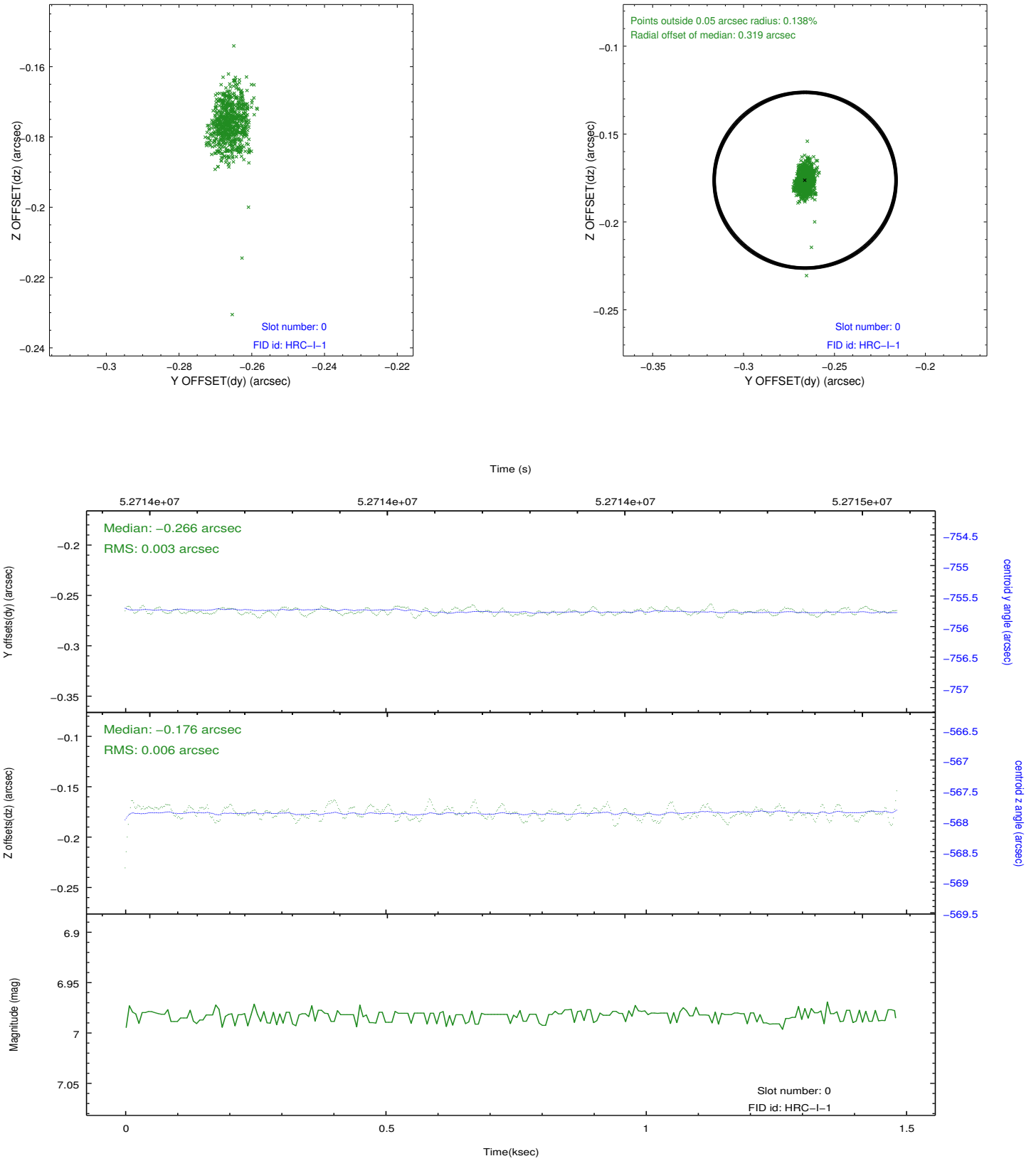


2.4.5 Slot 7

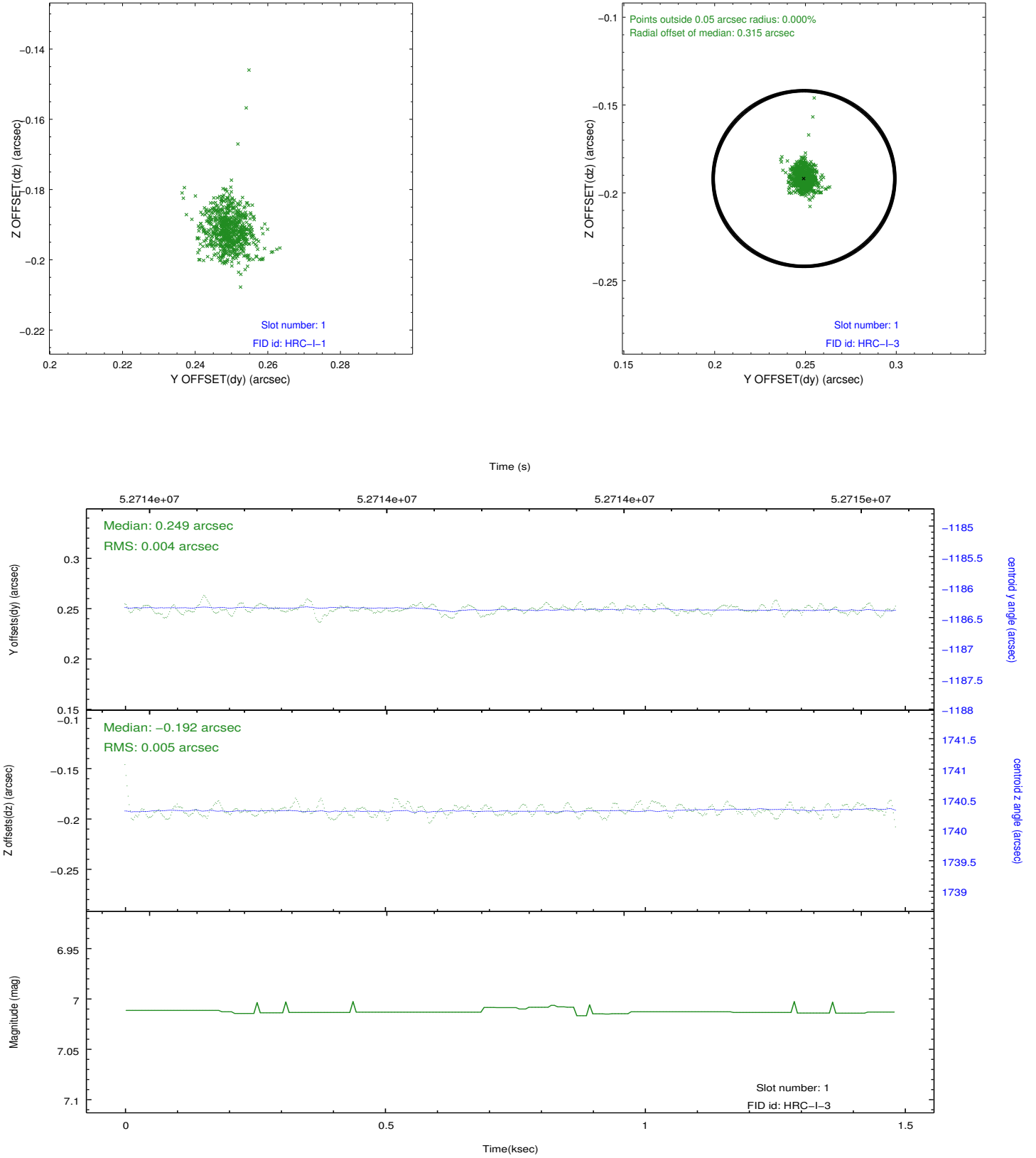


2.5 FID Slots

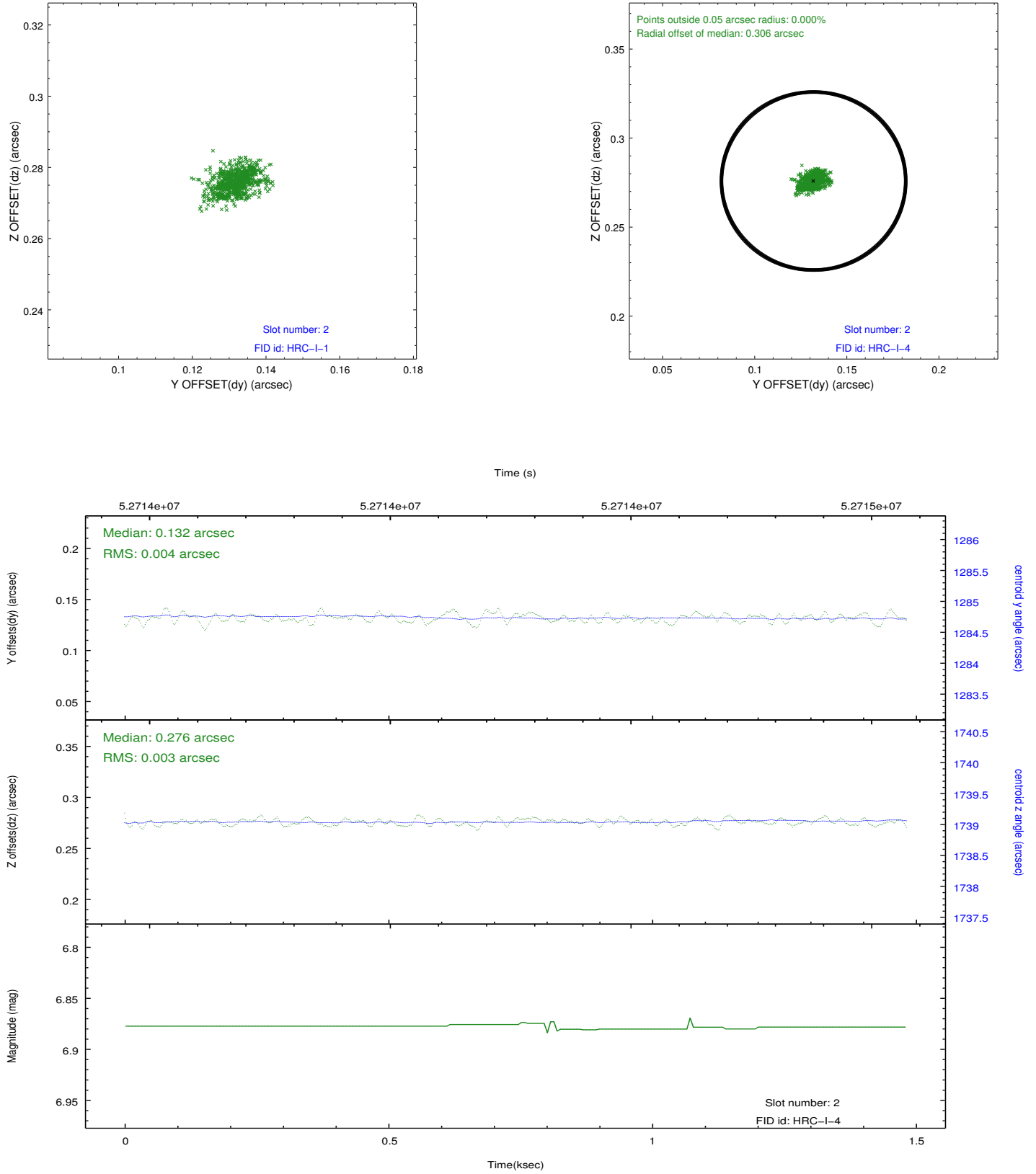
2.5.1 Slot 0



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	0.794

A.2 Comments

HRC-I Optical Axis determination. SIMBAD coordinates for this object are ra = 03:36:47.2895, dec = +00:35:15.928. Observer requested coordinates ra = 03:36:47, dec = +00:35:23.90.30. Target was intended to be off-axis for calibration purposes, but it is not at the intended position on the chip due to the observer's error in the coordinates.