

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1132 - L2 Version 4
Chandra X-Ray Center

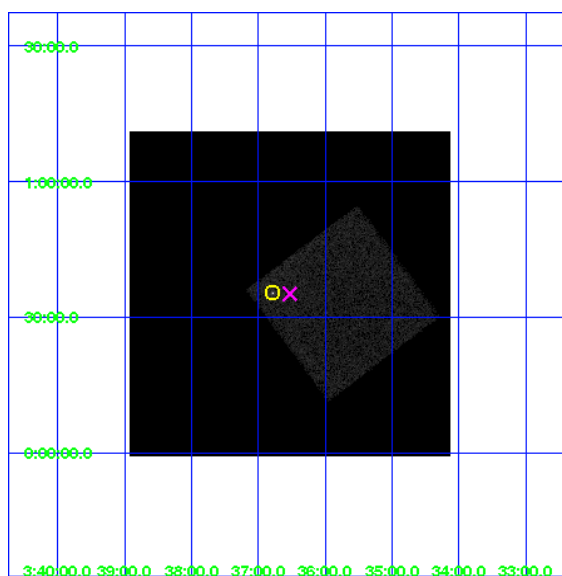
L2 Processing Date : Jan 12 2010

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1 Front

seq_num	280082	Sequence number
obs_id	1132	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	54.132321787999	Nominal RA
dec_nom	0.58607145733963	Nominal Dec
roll_nom	98.15279907173	Nominal Roll
revision	4	Processing version of data
ontime	795.65627856553	[s]
livetime	789.09832803816	Ontime multiplied by DTCOR
l2events	33532	Number of level 2 events

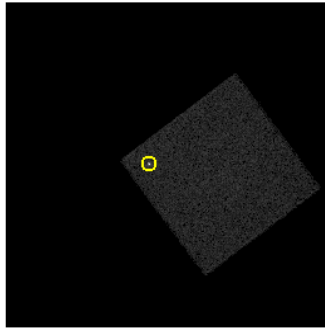


2 OBI

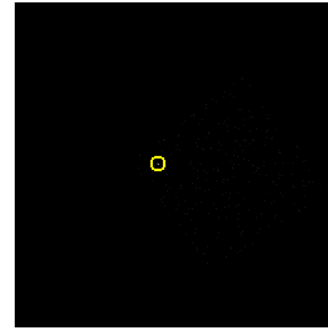
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



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	795.65627856553	[s]
caldbver	4.1.5	 	l1events	54573	Number of level 1 events
date	2010-01-12T22:29:39	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

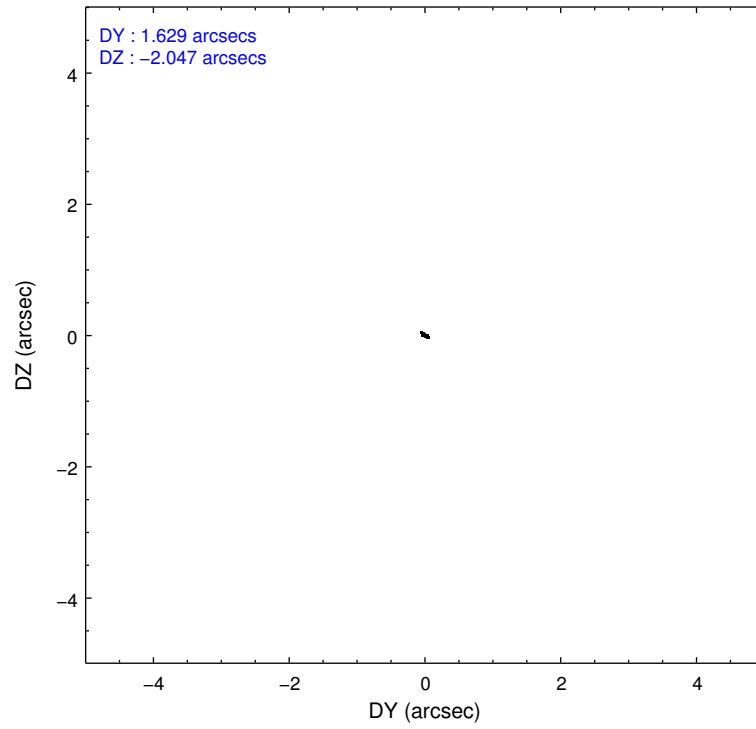
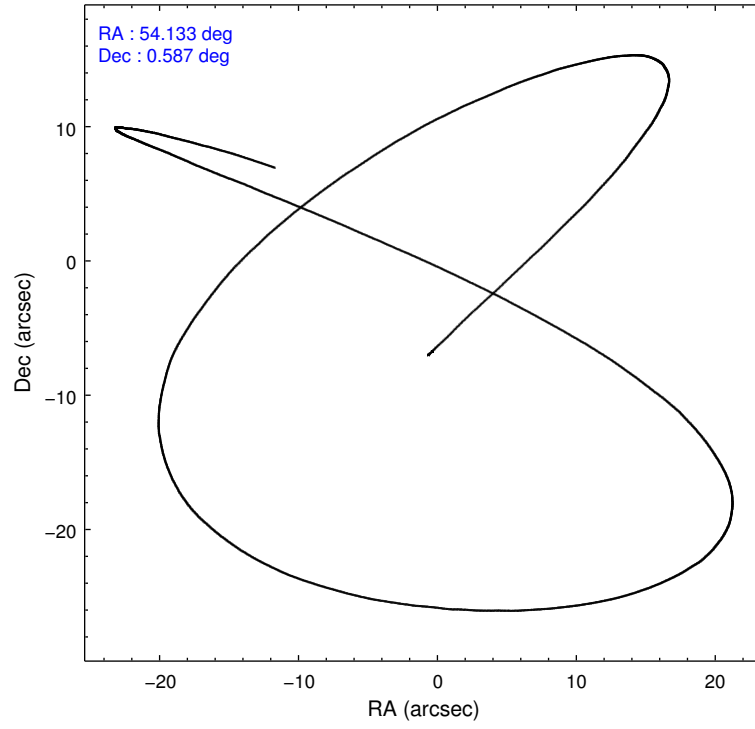
	segment 0
level 1 events	54573
rejected events	3117
rejected %	5%

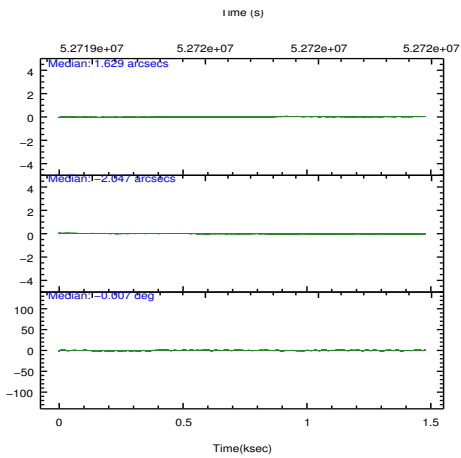
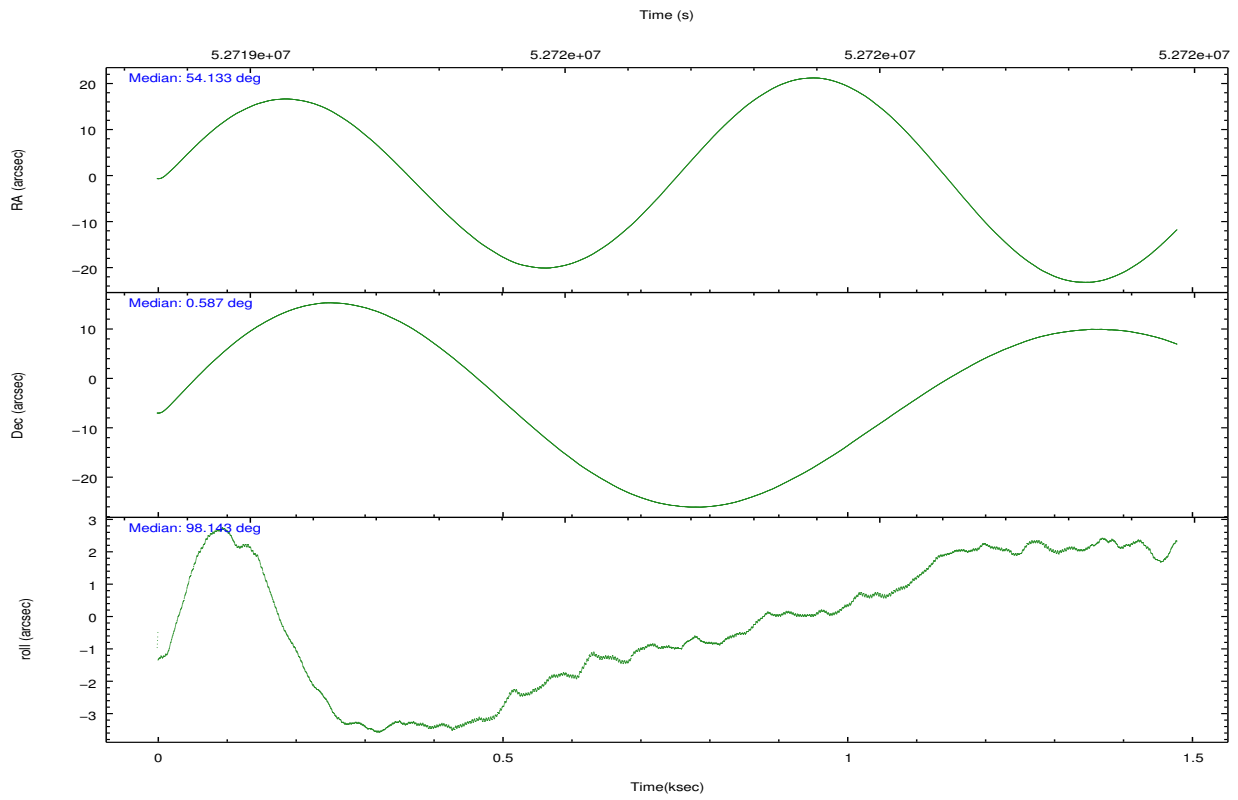
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.149385	54.13232178799851
Pointing Dec	0.563528	0.586071457339633
Pointing Roll	98.248113	98.15279907173003
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	52719402.184000	52718735.444063
Observation start date	1999-09-03T04:15:38	1999-09-03T04:05:35
Observation end time	52720402.184000	52720535.344128
Observation end date	1999-09-03T04:32:18	1999-09-03T04:35:35

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

2.3 Aspect



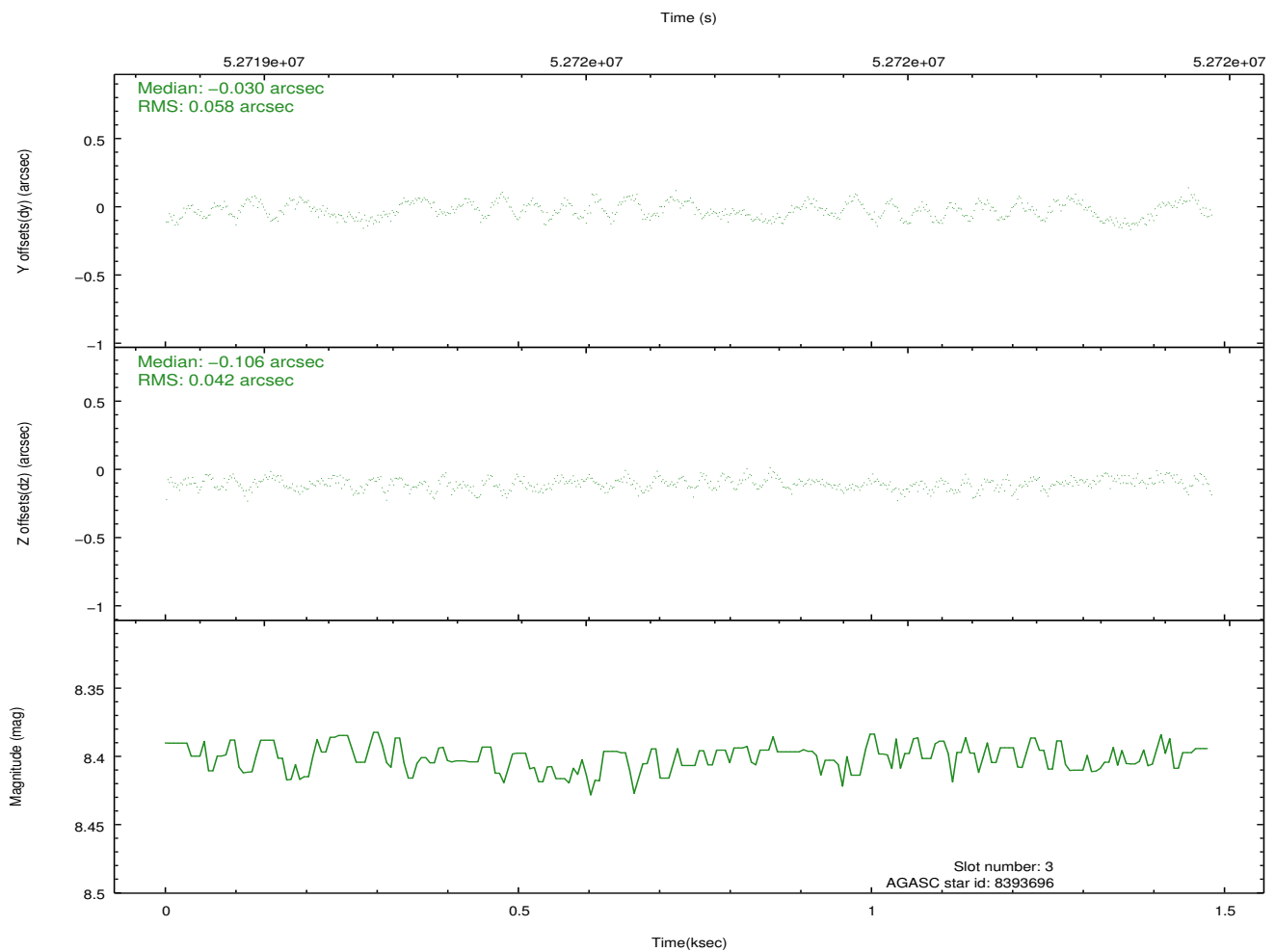
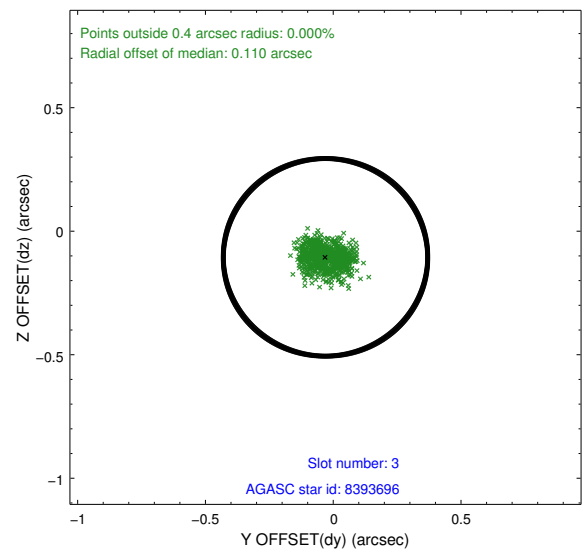
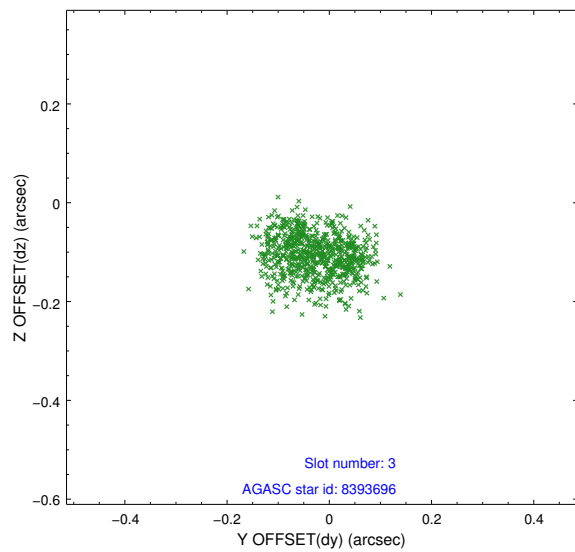


Slot Statistics

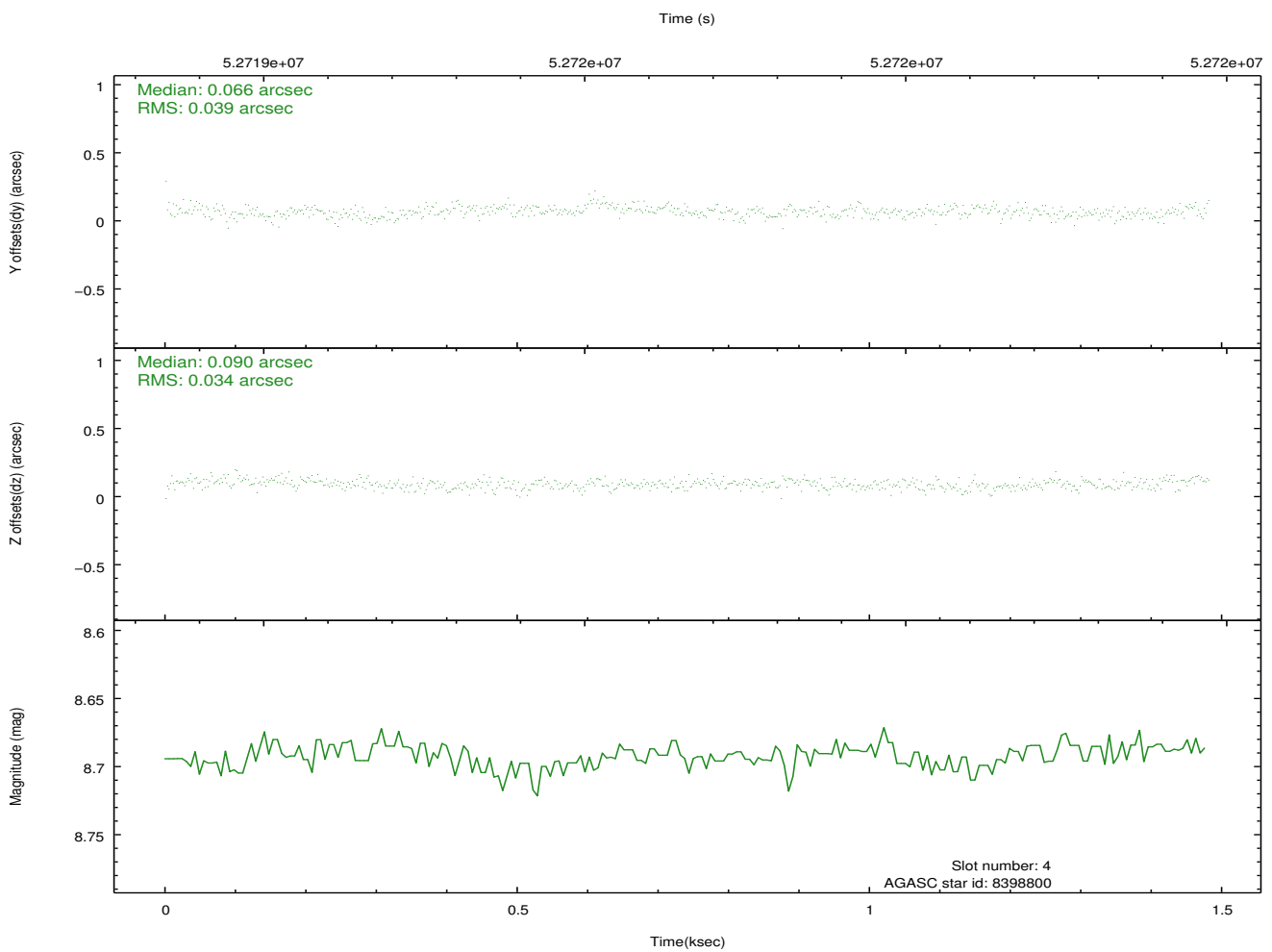
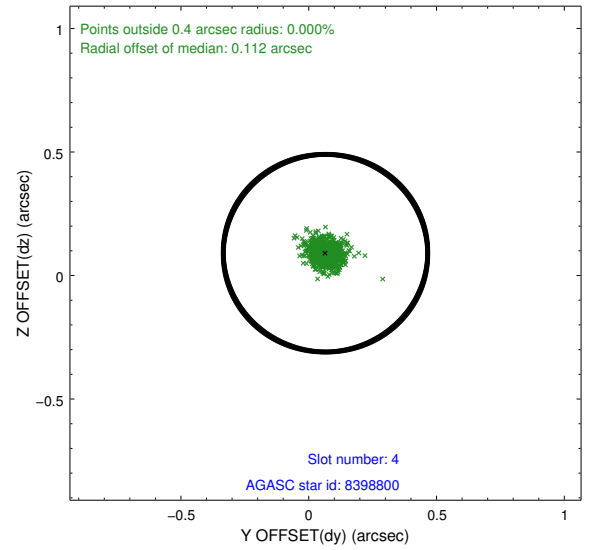
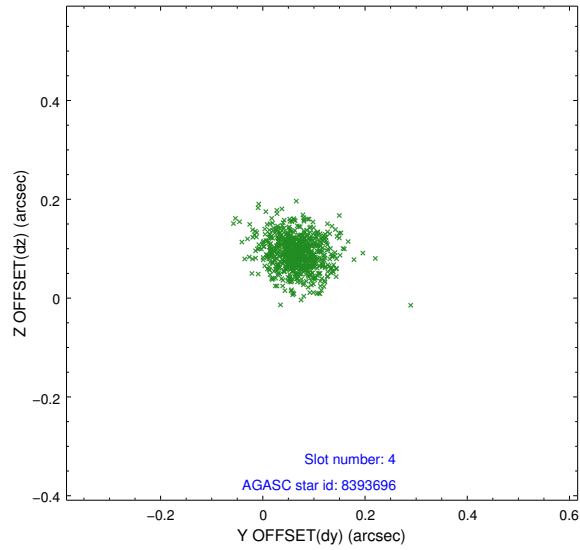
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	723	-0.263	-0.181	0.008	0.014	0.000000	0.000000	-755.77	-567.73
1	FID	HRC-I-3	7.01	723	0.248	-0.185	0.008	0.014	0.000000	0.000000	-1187.43	1739.68
2	FID	HRC-I-4	6.88	723	0.129	0.274	0.005	0.009	0.000000	0.000000	1283.07	1741.59
3	GUIDE	8393696	8.40	722	-0.030	-0.106	0.079	0.117	53.645666	0.680479	672.64	1733.85
4	GUIDE	8398800	8.69	723	0.066	0.090	0.053	0.090	54.242352	0.922024	1226.40	-513.87
5	GUIDE	8390744	9.02	721	-0.084	-0.080	0.074	0.116	53.677290	0.926294	1533.83	1493.71
6	GUIDE	8395104	8.67	723	0.030	0.233	0.081	0.125	54.744893	0.796520	521.34	-2239.64
7	GUIDE	8392416	9.68	722	0.018	-0.143	0.110	0.174	53.428256	0.991948	1895.45	2344.48

2.4 Star Slots

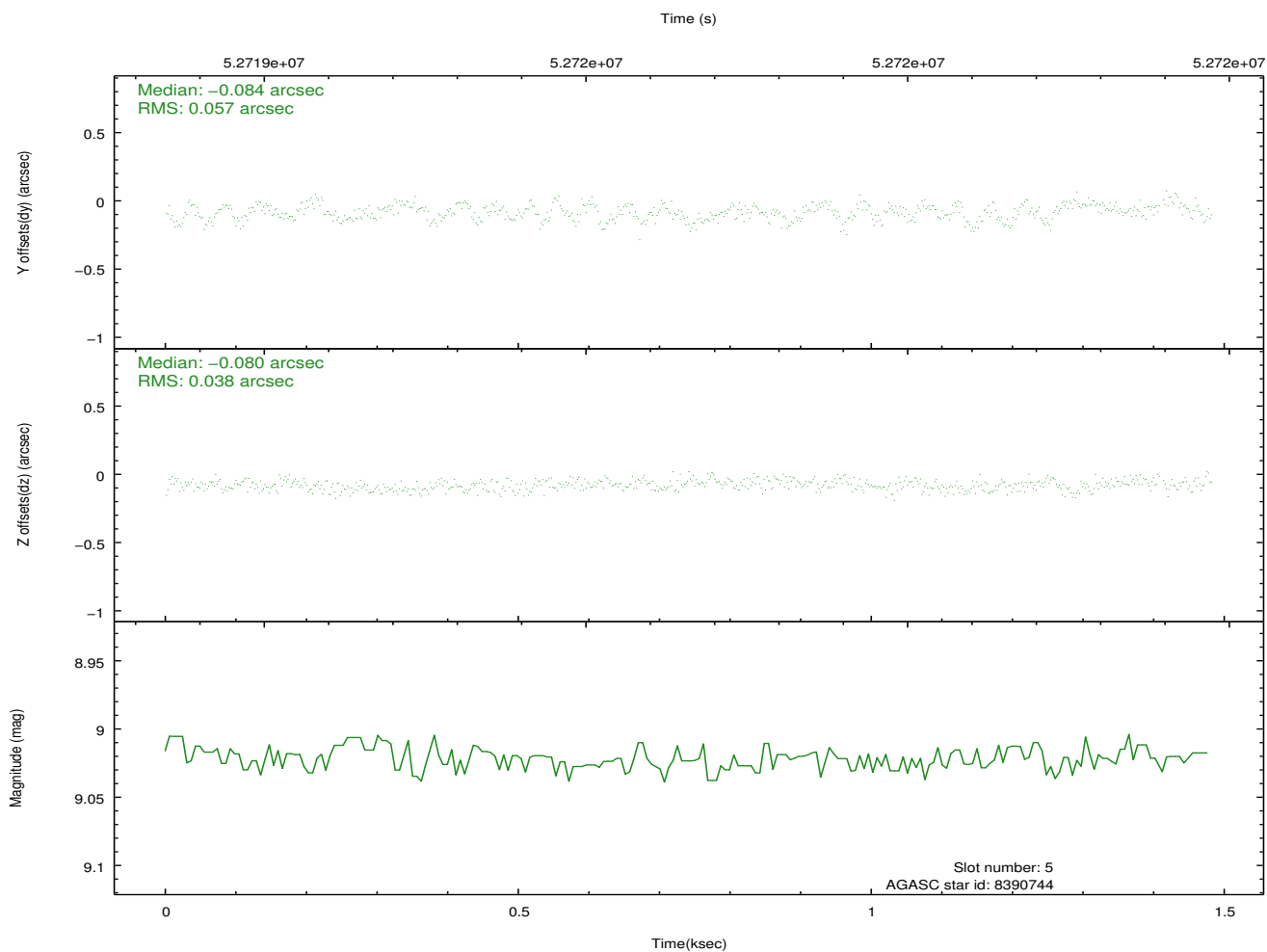
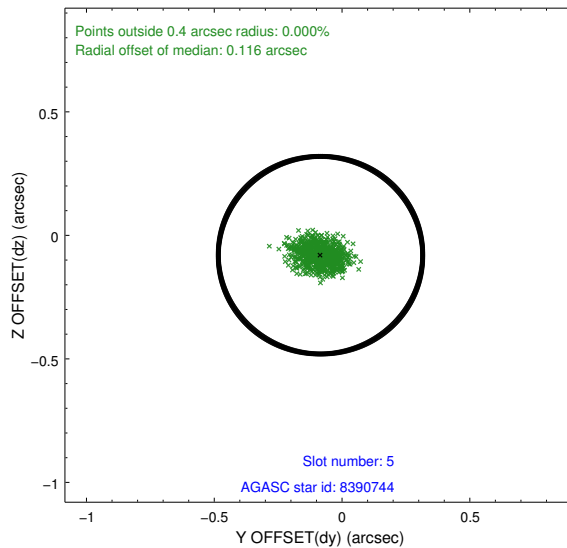
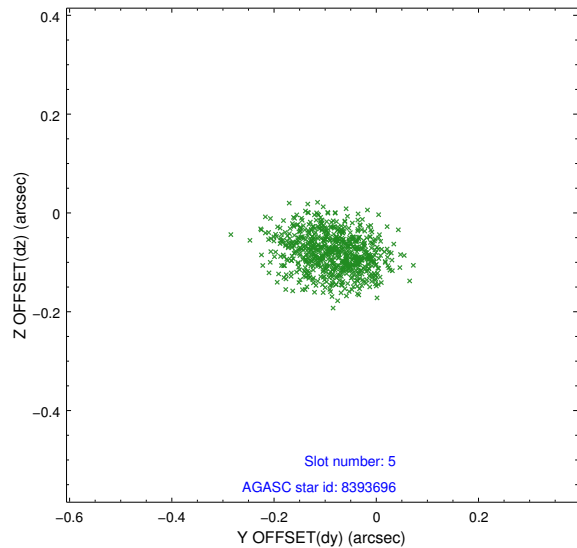
2.4.1 Slot 3



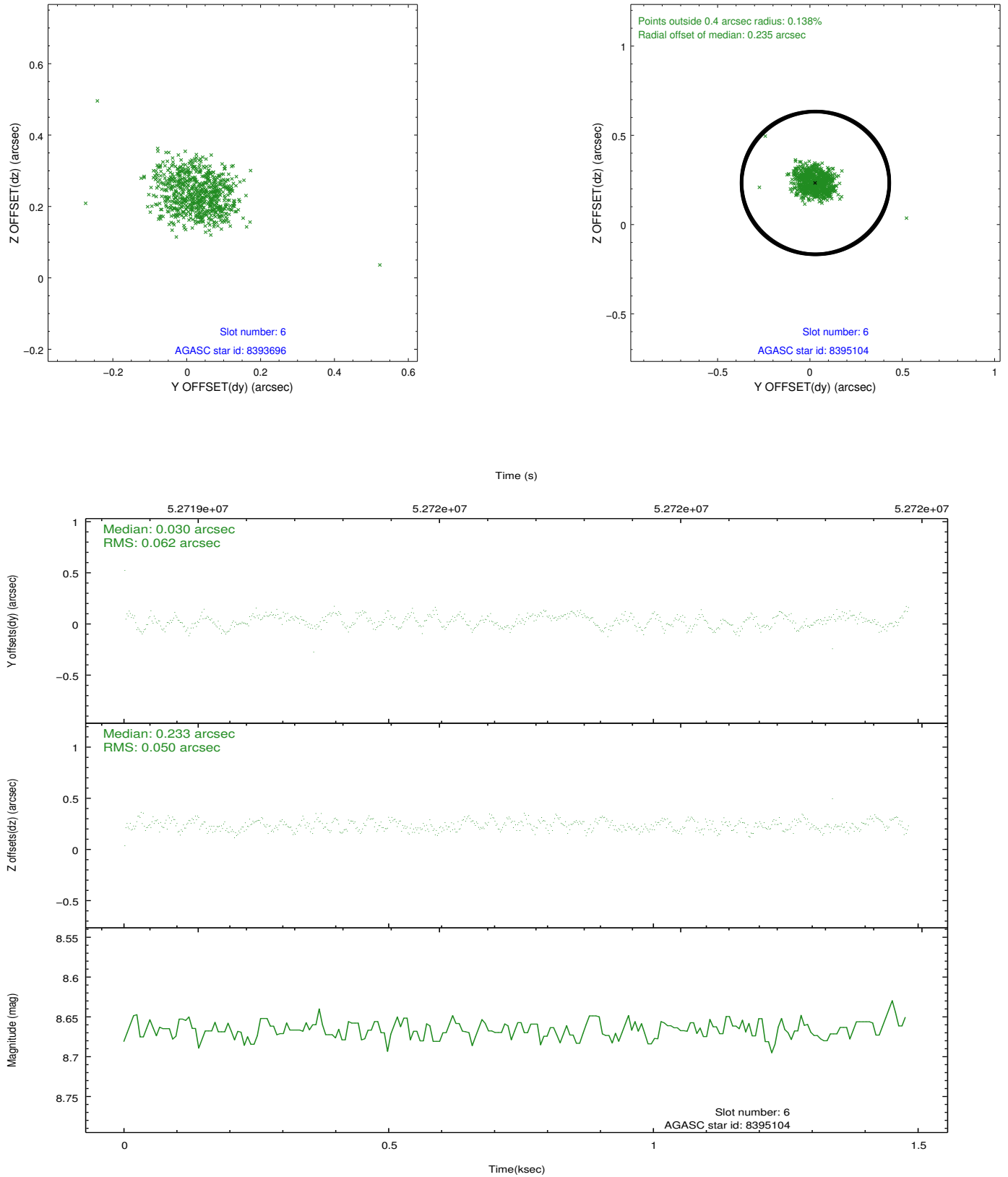
2.4.2 Slot 4



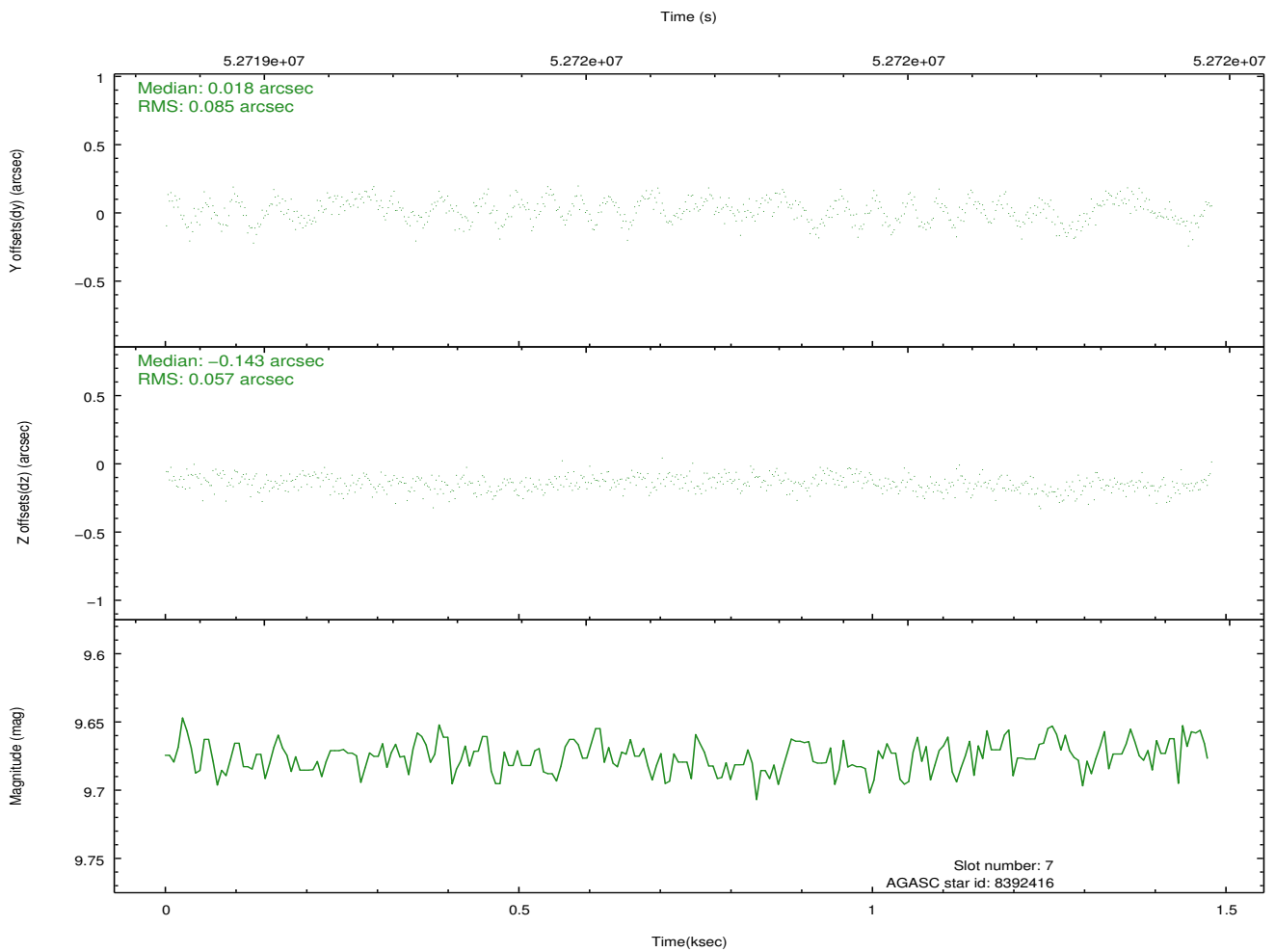
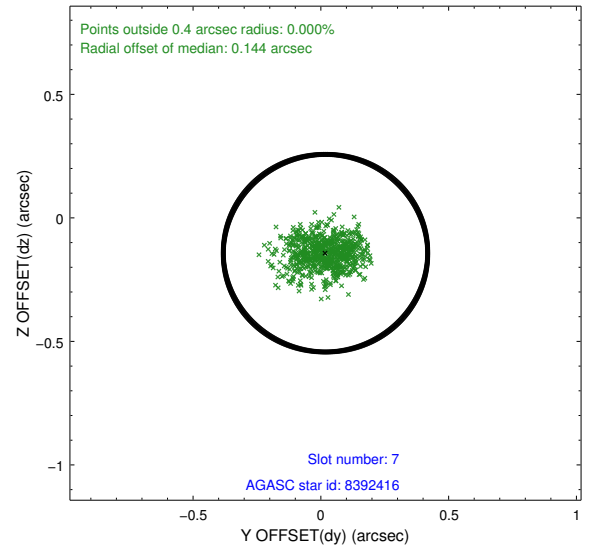
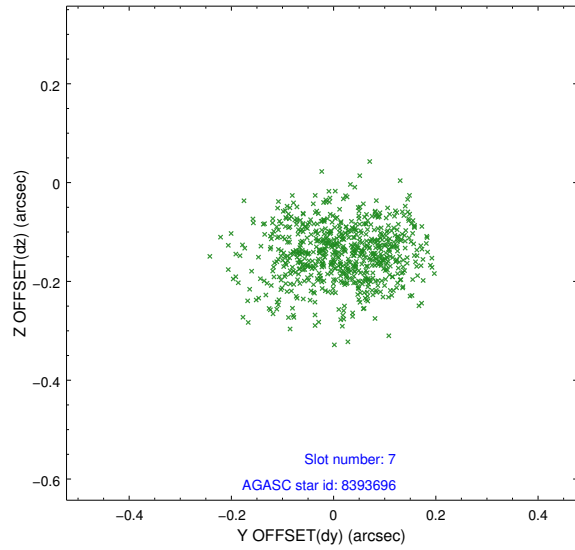
2.4.3 Slot 5



2.4.4 Slot 6

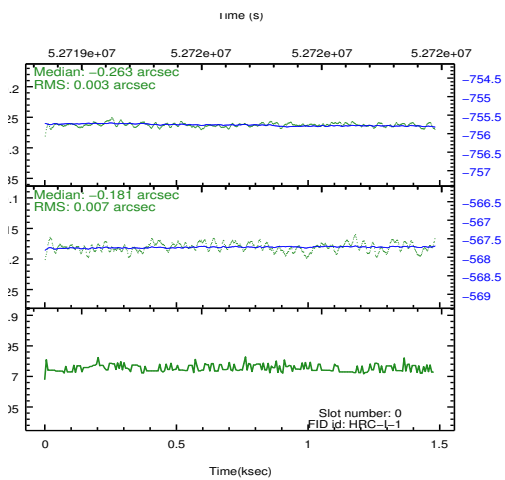
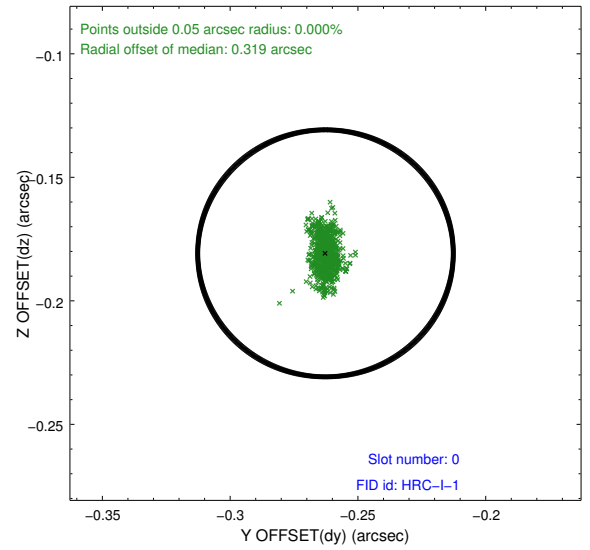
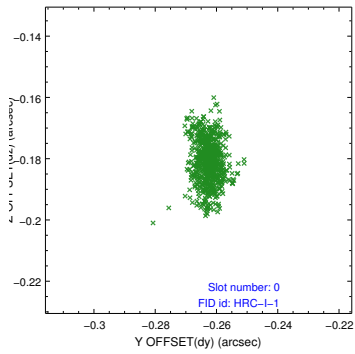


2.4.5 Slot 7

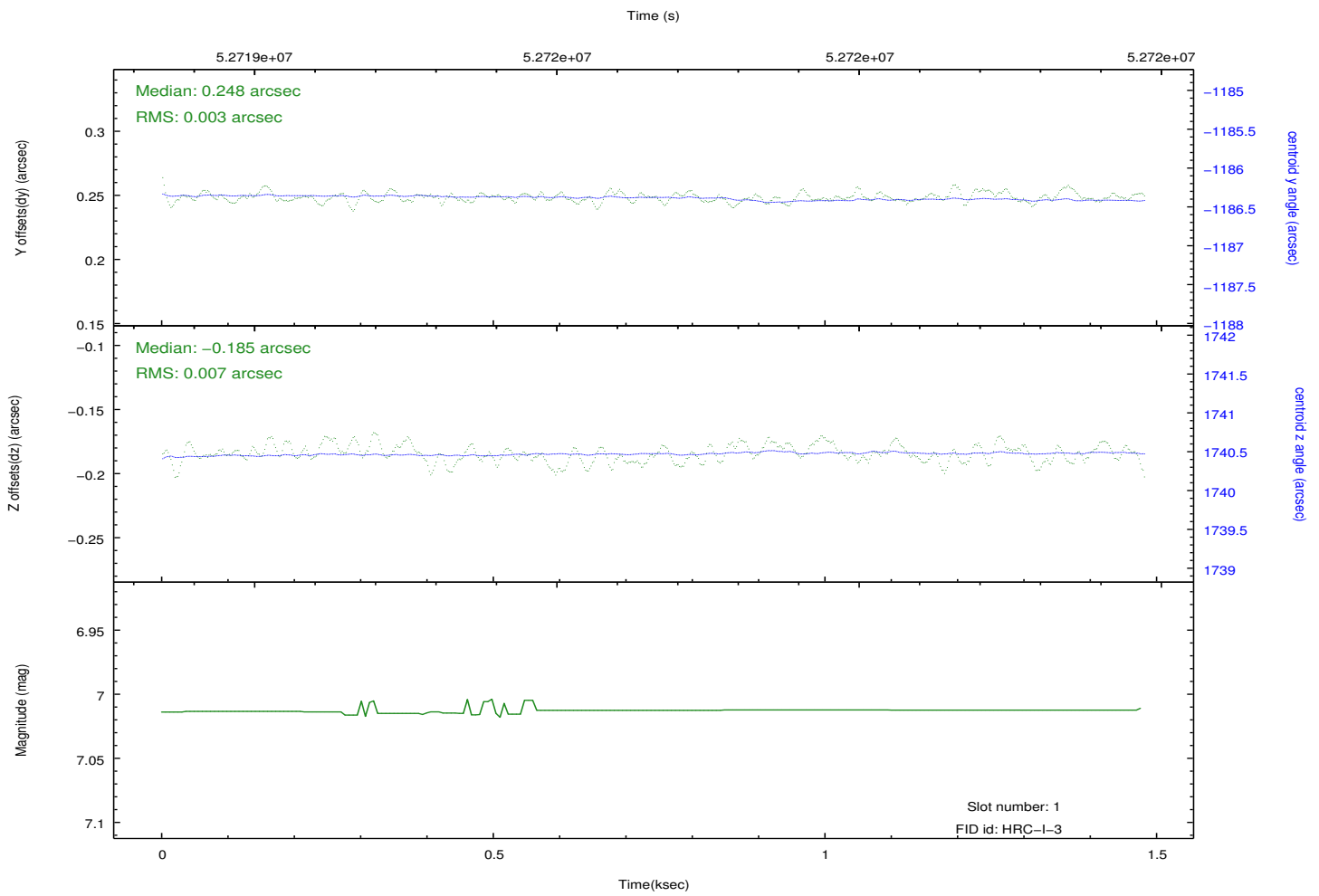
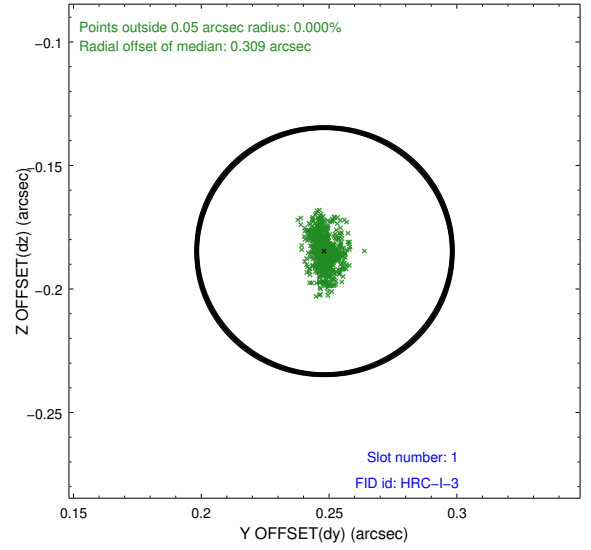
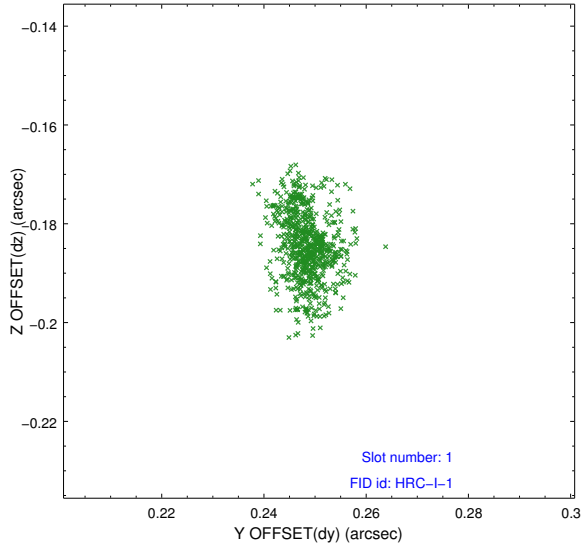


2.5 FID Slots

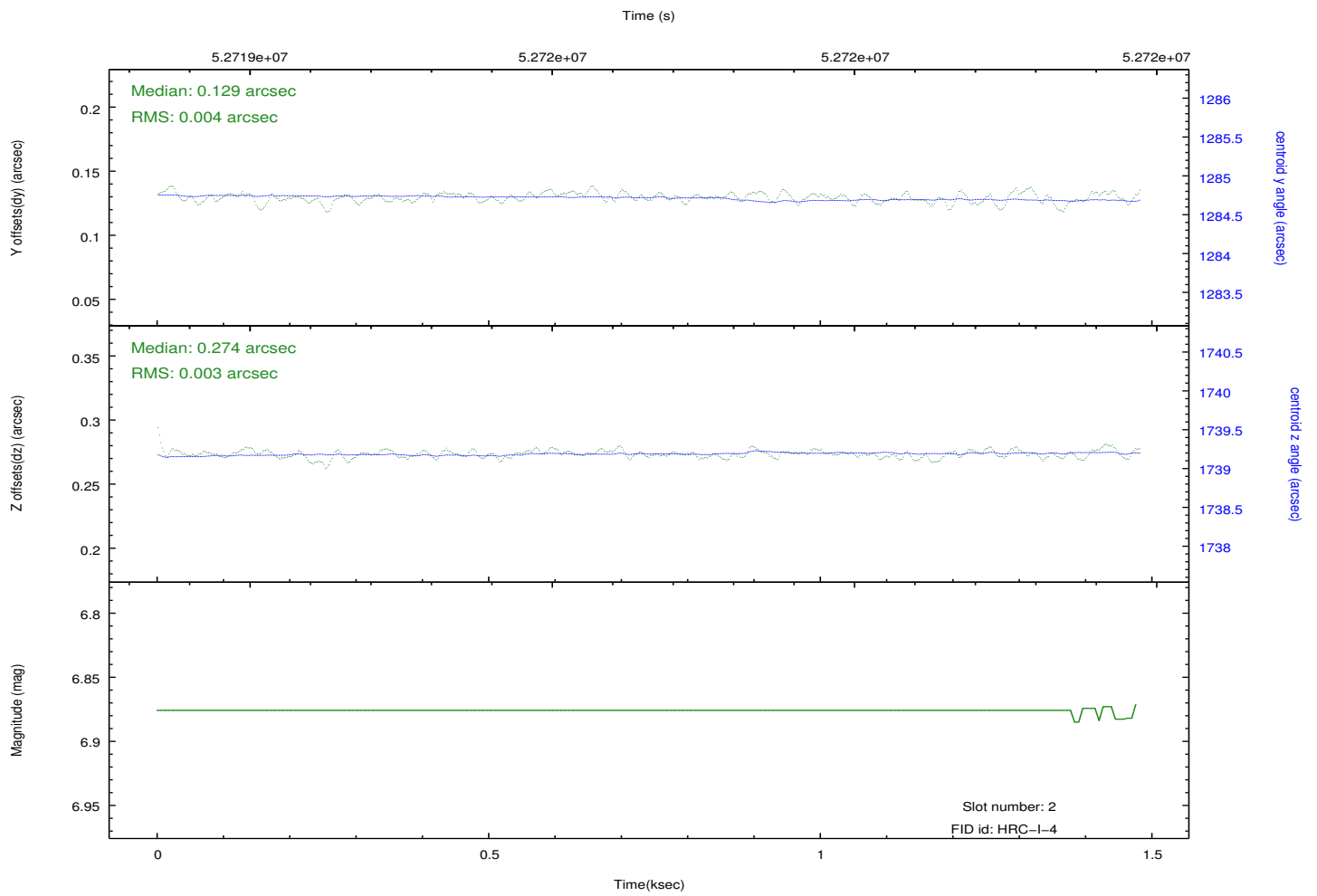
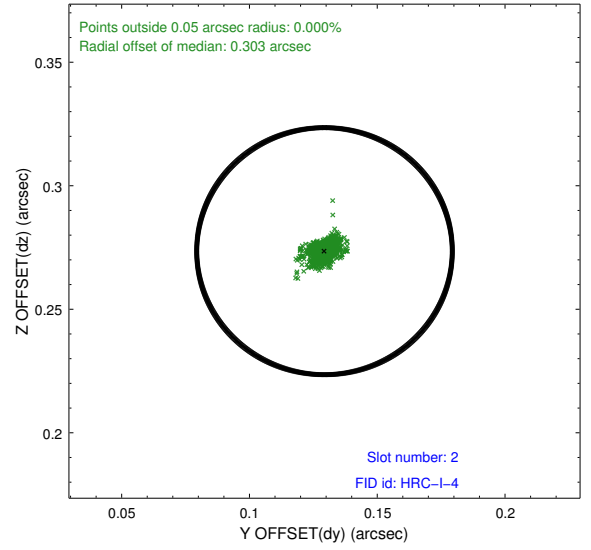
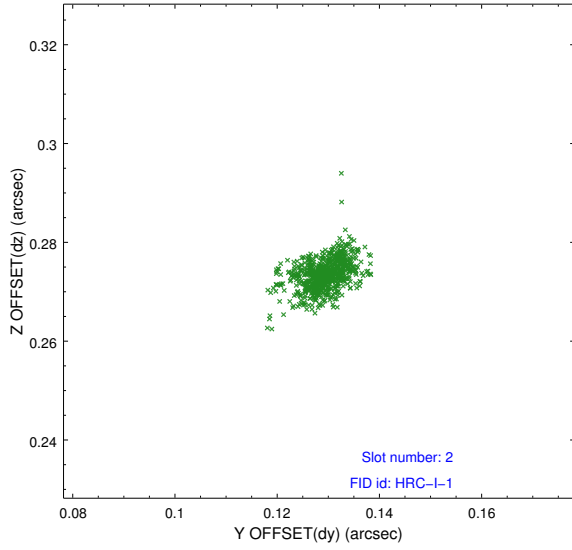
2.5.1 Slot 0



2.5.2 Slot 1

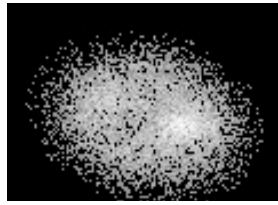


2.5.3 Slot 2



3 Point Sources

3.86 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.