

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1130 - L2 Version 4

Chandra X-Ray Center

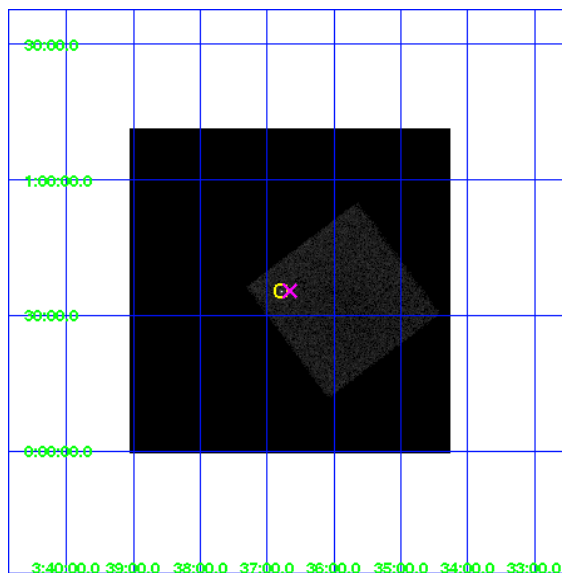
L2 Processing Date : Jan 12 2010

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1 Front

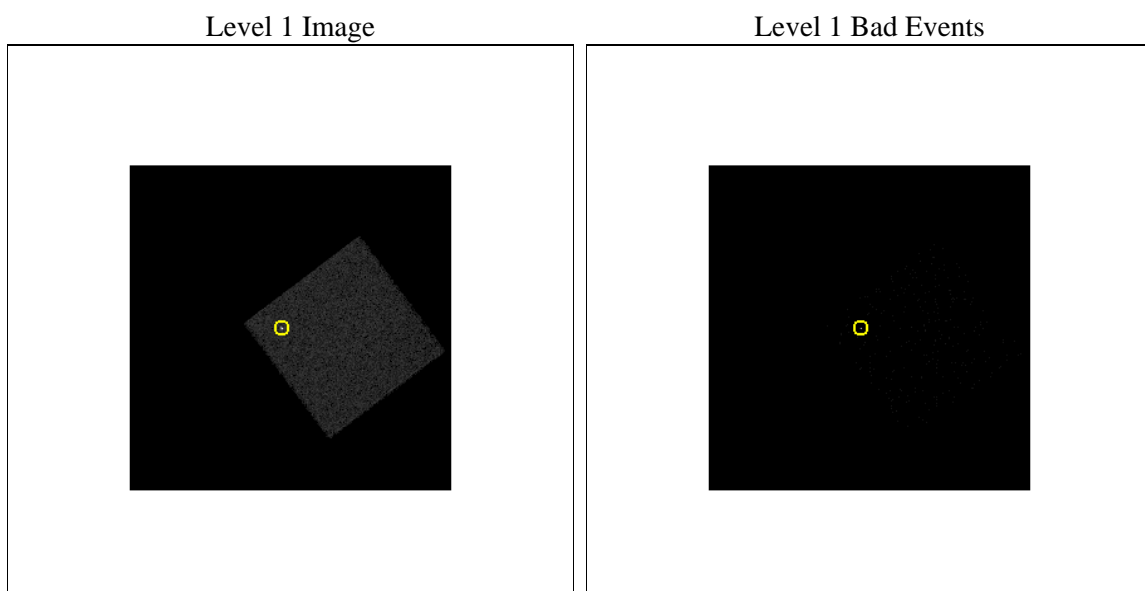
seq_num	280080	Sequence number
obs_id	1130	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.165316526712	Nominal RA
dec_nom	0.59084541164978	Nominal Dec
roll_nom	98.16575310072	Nominal Roll
revision	4	Processing version of data
ontime	795.65627857298	[s]
livetime	789.00980011434	Ontime multiplied by DTCOR
l2events	34682	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	56242	Number of level 1 events
date	2010-01-12T22:26:50	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

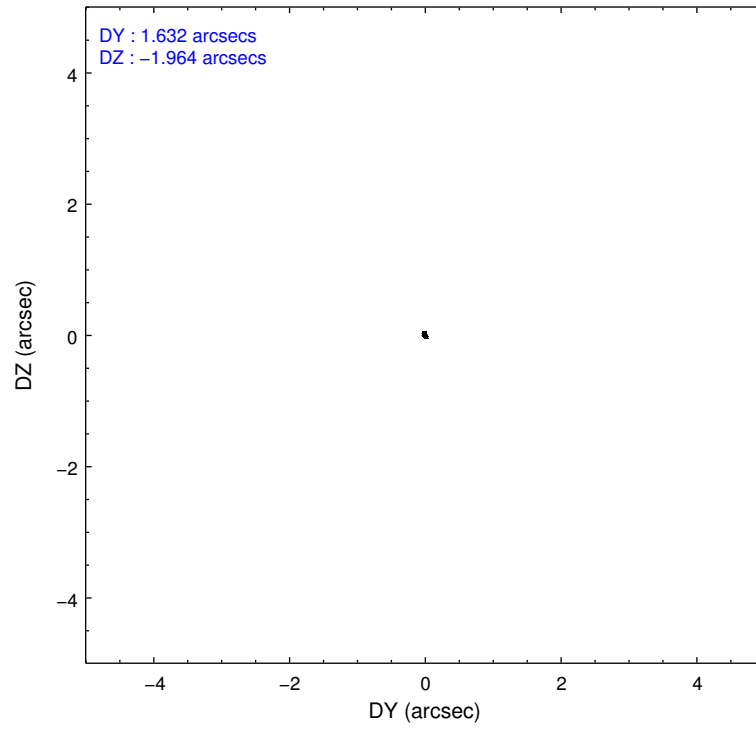
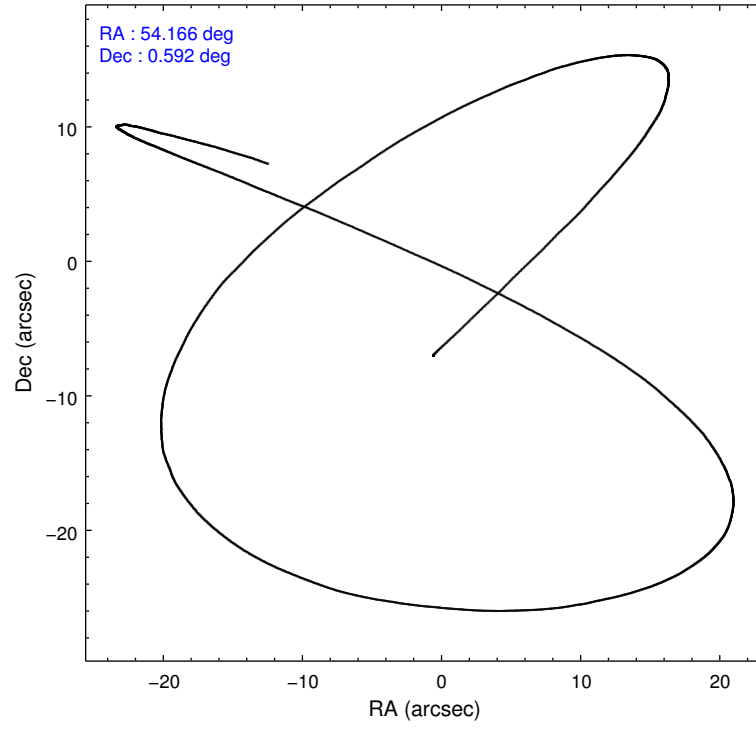
	segment 0
level 1 events	56242
rejected events	3227
rejected %	5%

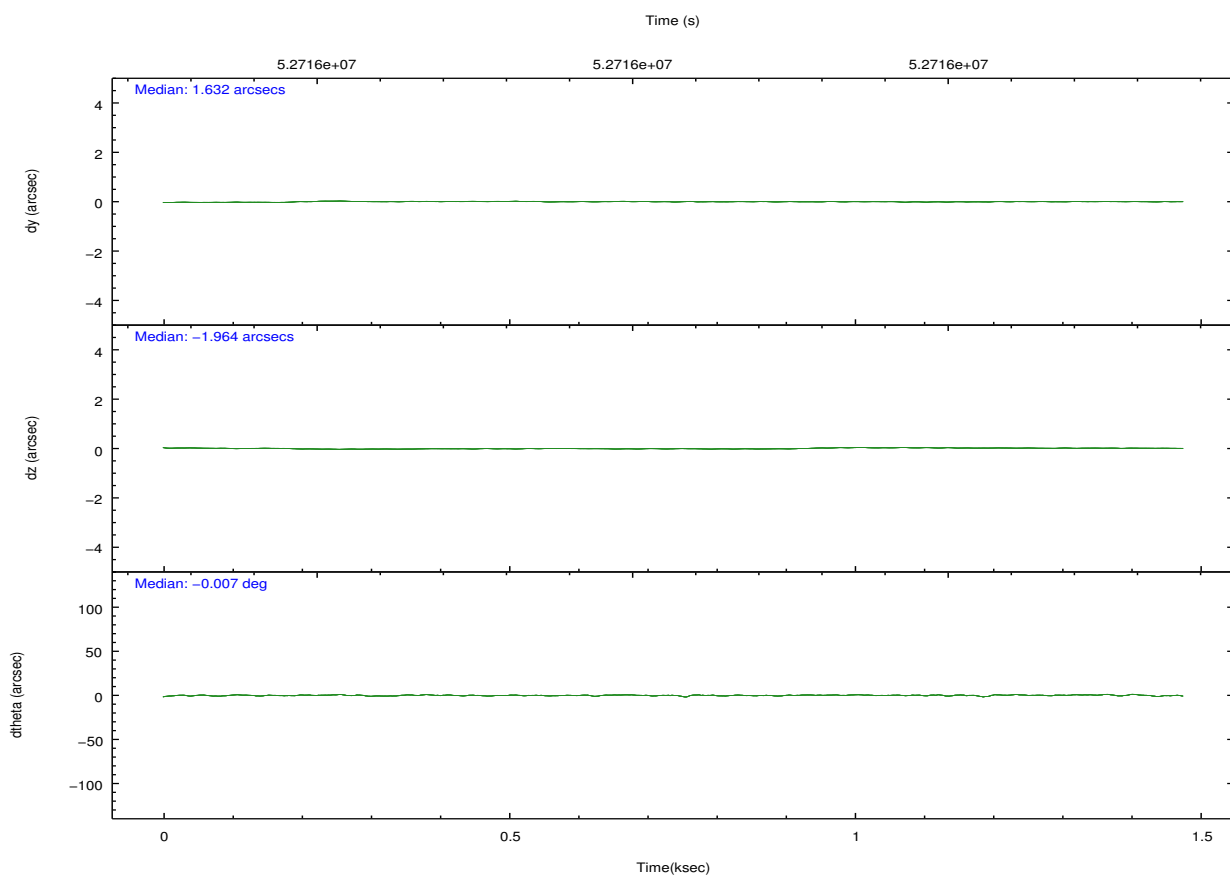
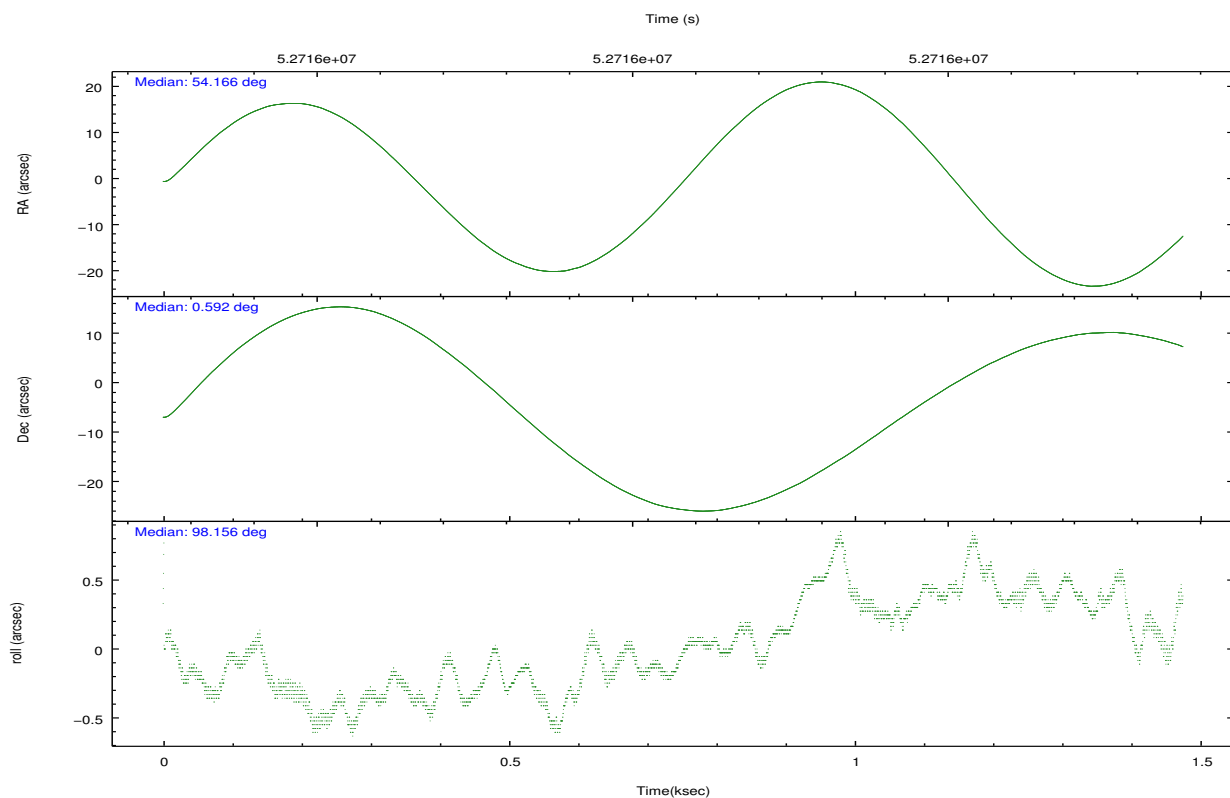
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.182383	54.1653165267122
Pointing Dec	0.568300	0.5908454116497756
Pointing Roll	98.261057	98.16575310072007
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	52715802.184000	52715135.643934
Observation start date	1999-09-03T03:15:38	1999-09-03T03:05:35
Observation end time	52716802.184000	52716935.543999
Observation end date	1999-09-03T03:32:18	1999-09-03T03:35:35

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

2.3 Aspect



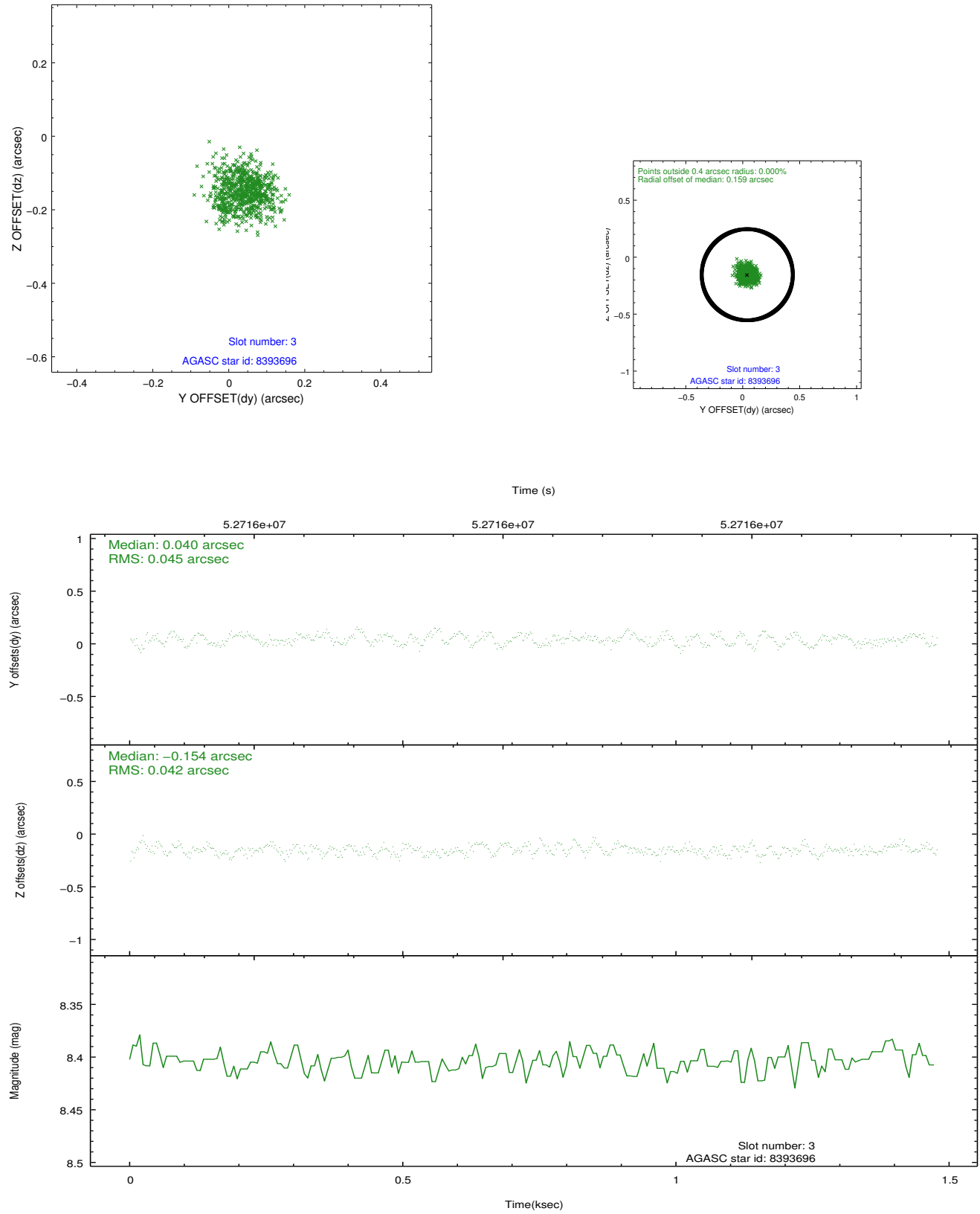


Slot Statistics

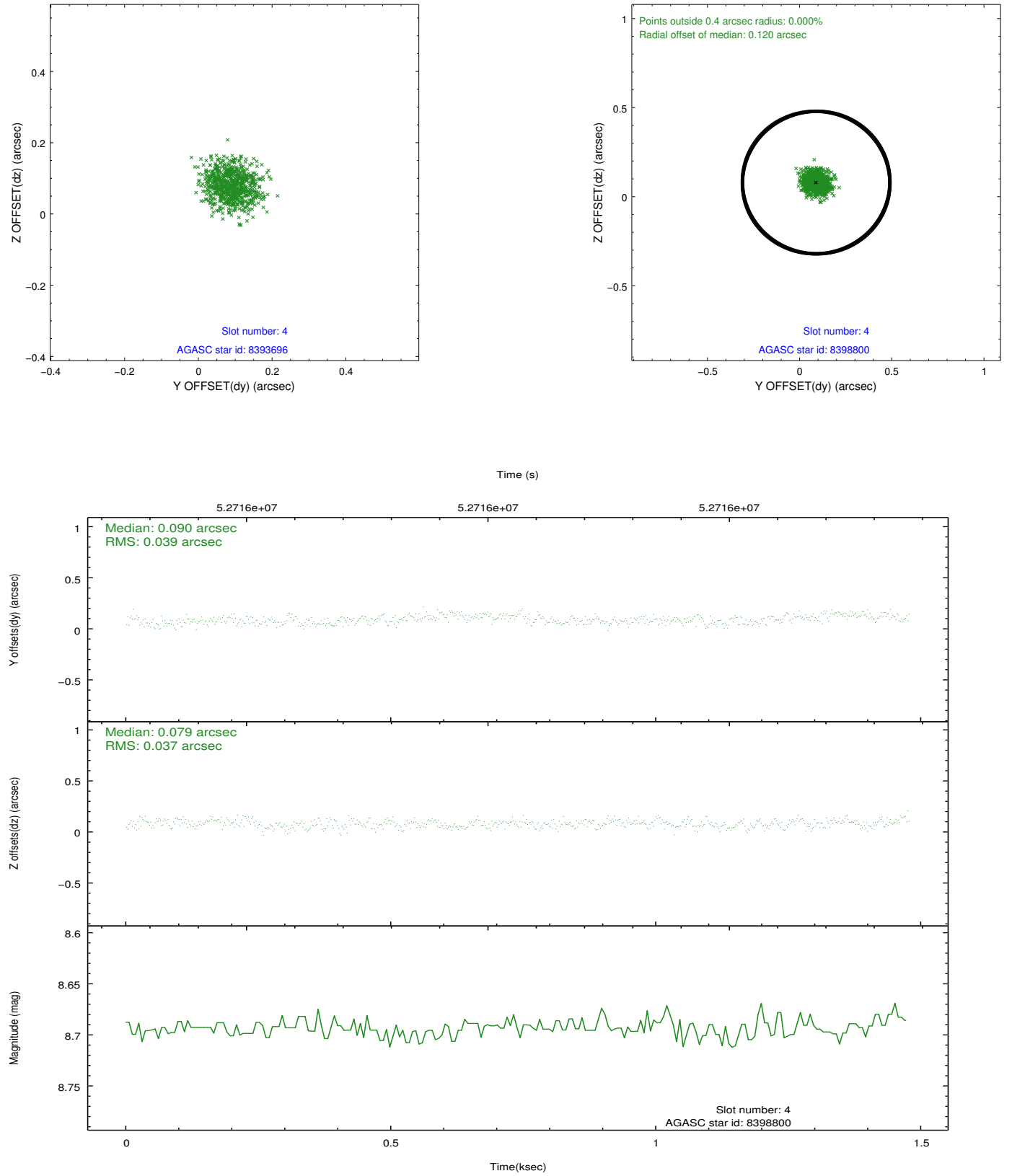
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	721	-0.265	-0.178	0.007	0.012	0.000000	0.000000	-755.77	-567.81
1	FID	HRC-I-3	7.01	721	0.250	-0.189	0.008	0.012	0.000000	0.000000	-1187.43	1739.59
2	FID	HRC-I-4	6.88	721	0.130	0.275	0.005	0.008	0.000000	0.000000	1283.07	1741.51
3	GUIDE	8393696	8.40	721	0.040	-0.154	0.066	0.103	53.645666	0.680479	673.21	1853.75
4	GUIDE	8398800	8.69	721	0.090	0.079	0.059	0.090	54.242352	0.922024	1226.35	-393.92
5	GUIDE	8390744	9.02	721	-0.032	-0.110	0.074	0.122	53.677290	0.926294	1534.26	1613.51
6	GUIDE	8395104	8.66	718	0.030	0.221	0.069	0.122	54.744893	0.796520	520.86	-2119.47
7	GUIDE	8399352	9.95	718	-0.137	-0.045	0.126	0.200	53.946831	1.204693	2385.67	507.11

2.4 Star Slots

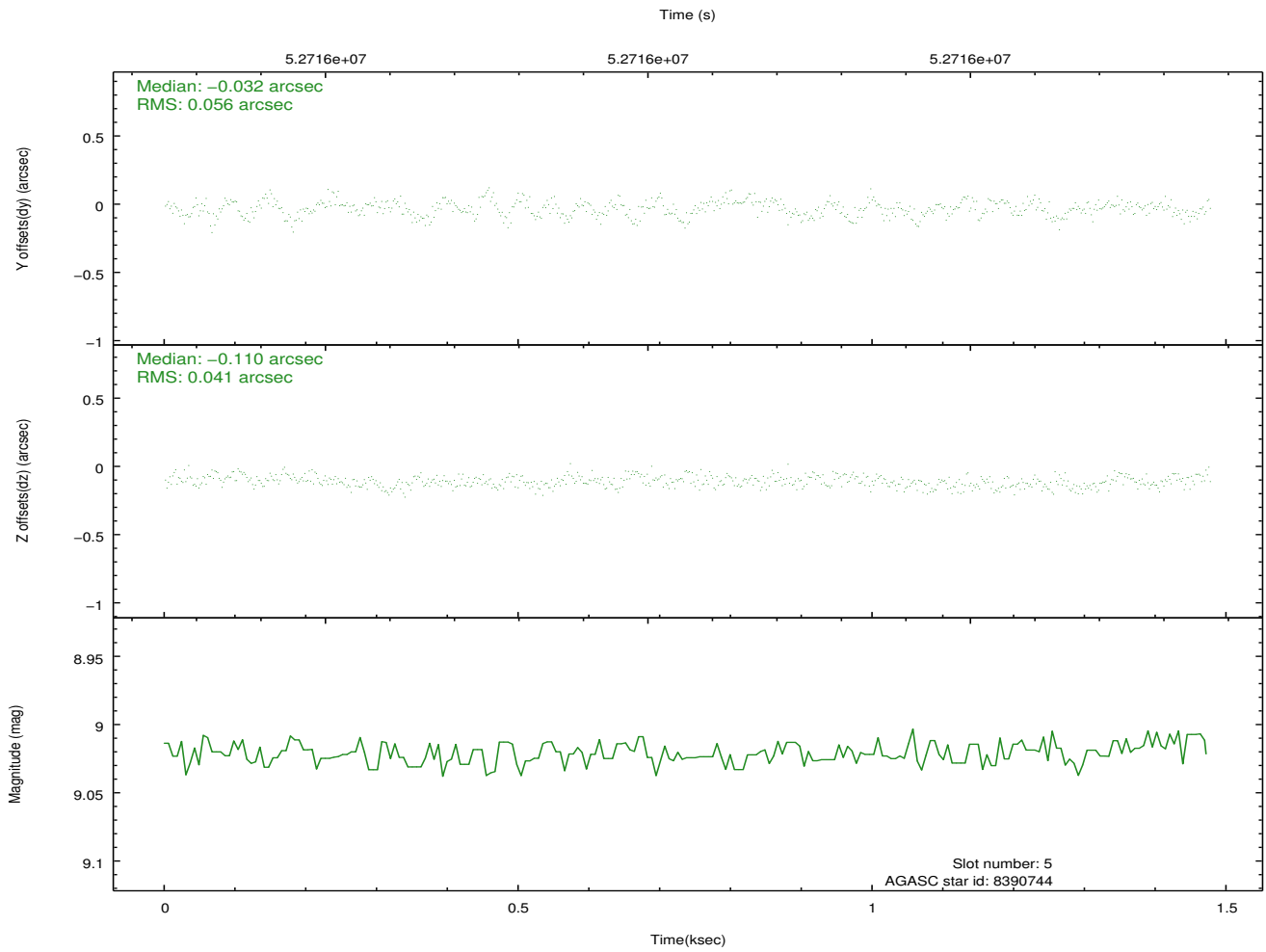
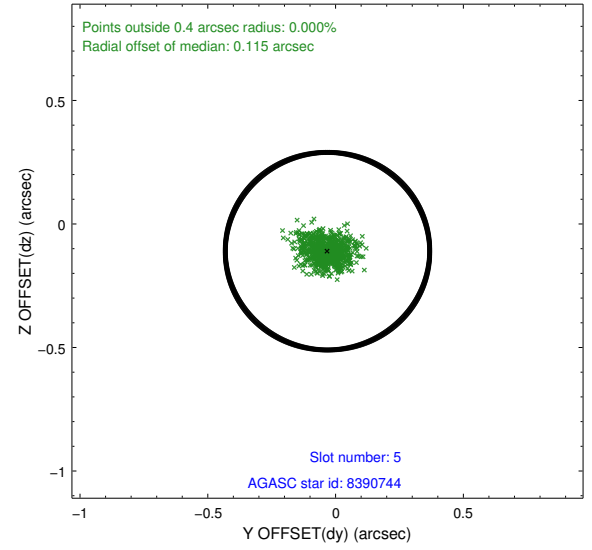
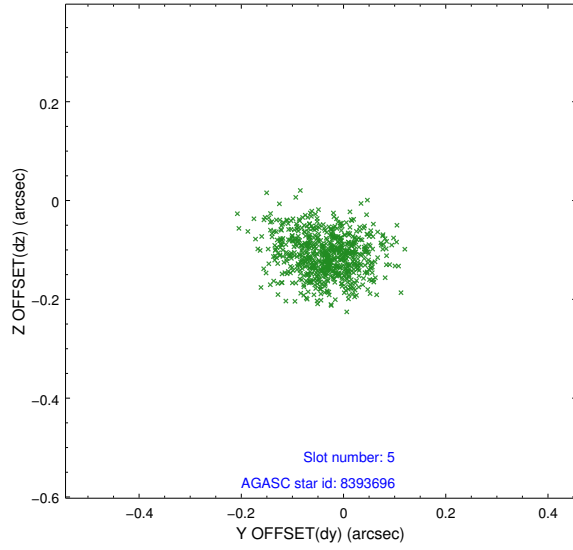
2.4.1 Slot 3



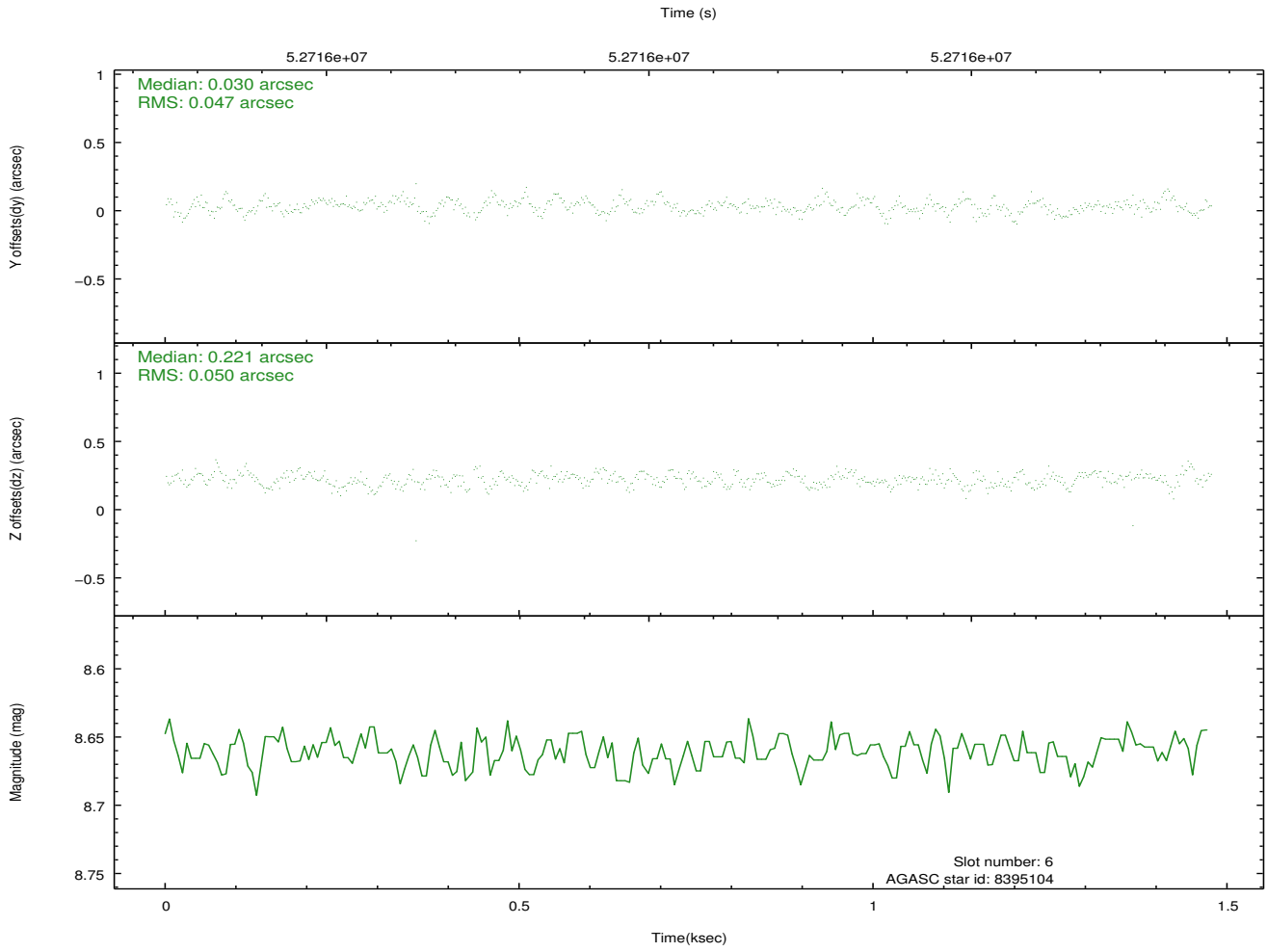
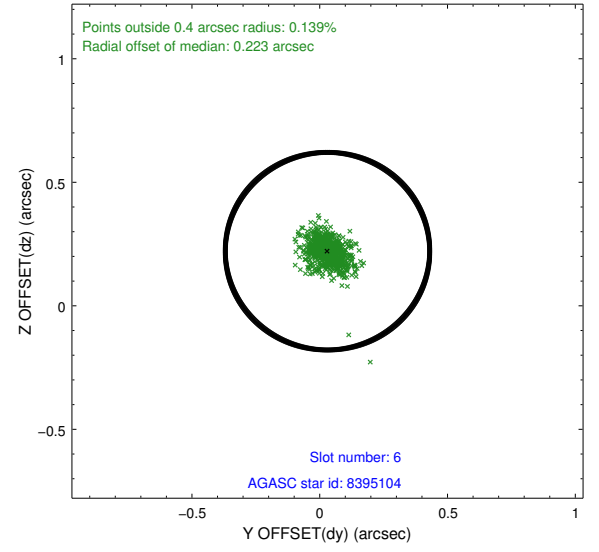
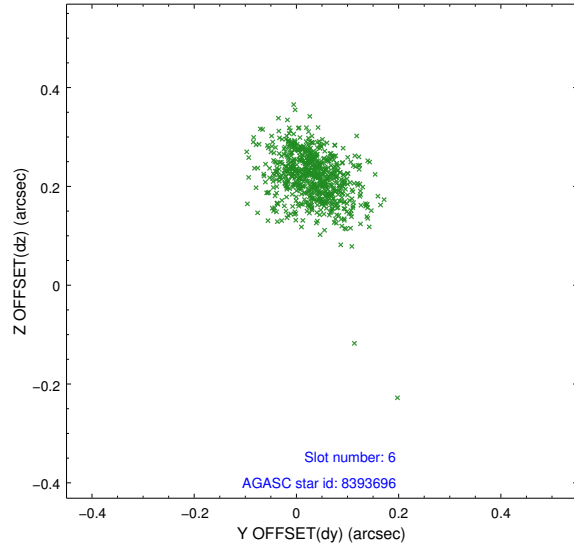
2.4.2 Slot 4



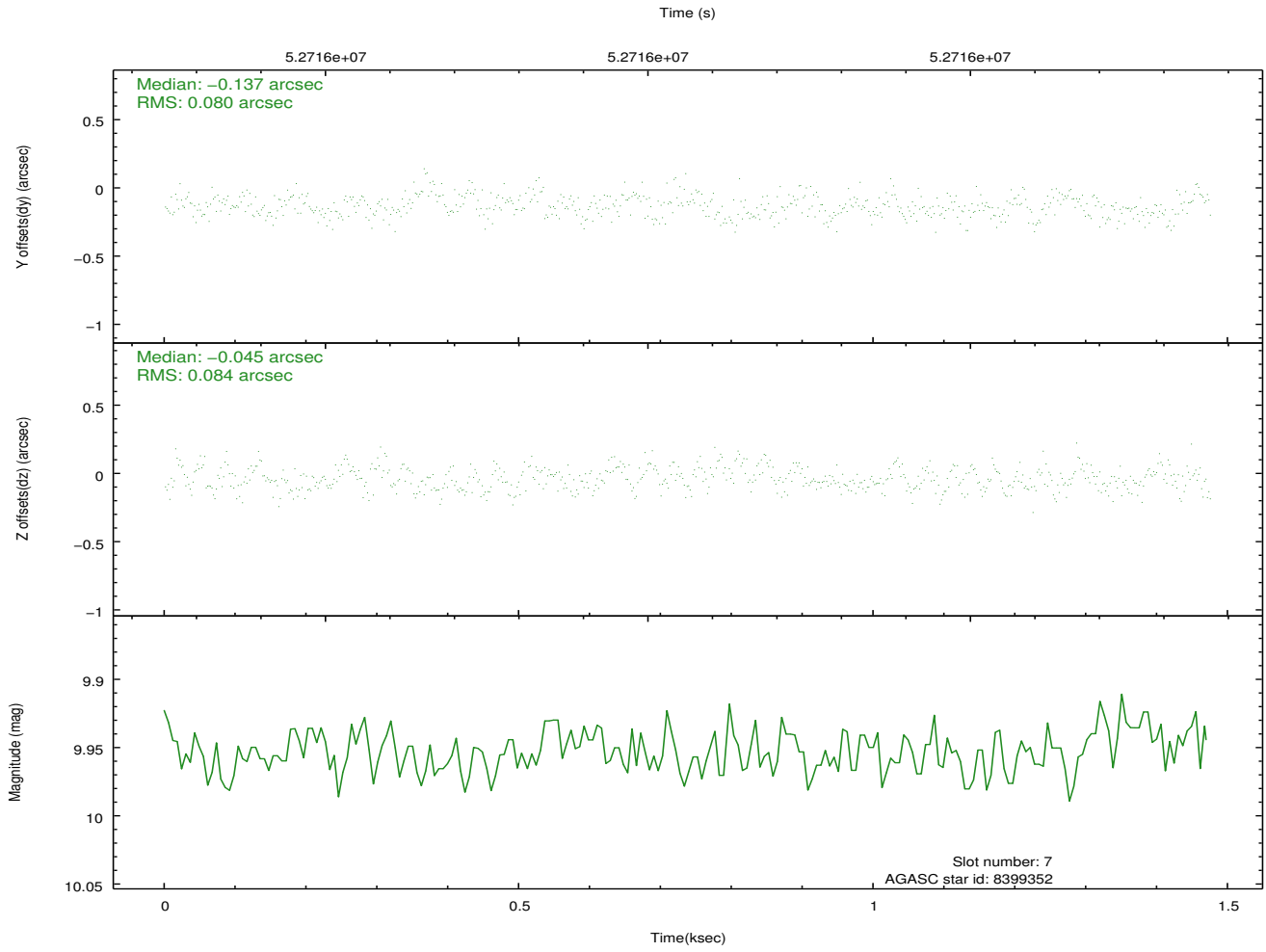
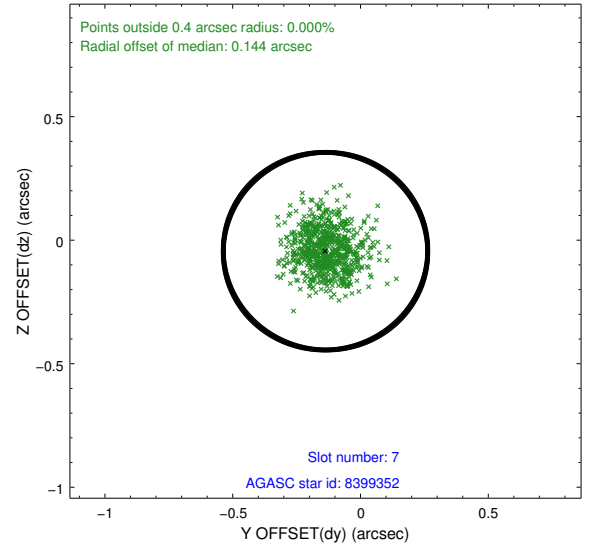
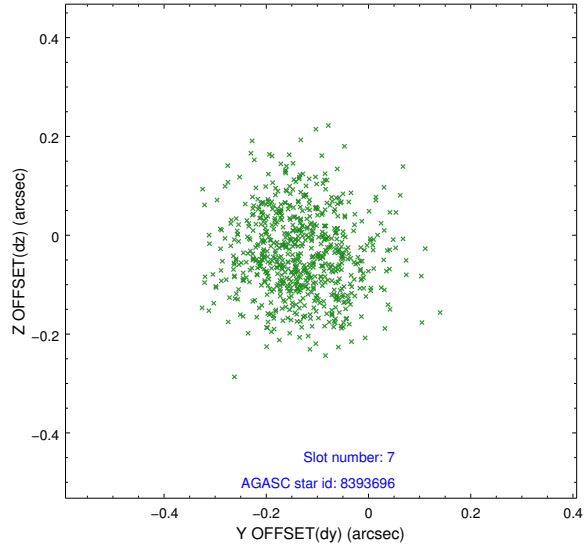
2.4.3 Slot 5



2.4.4 Slot 6

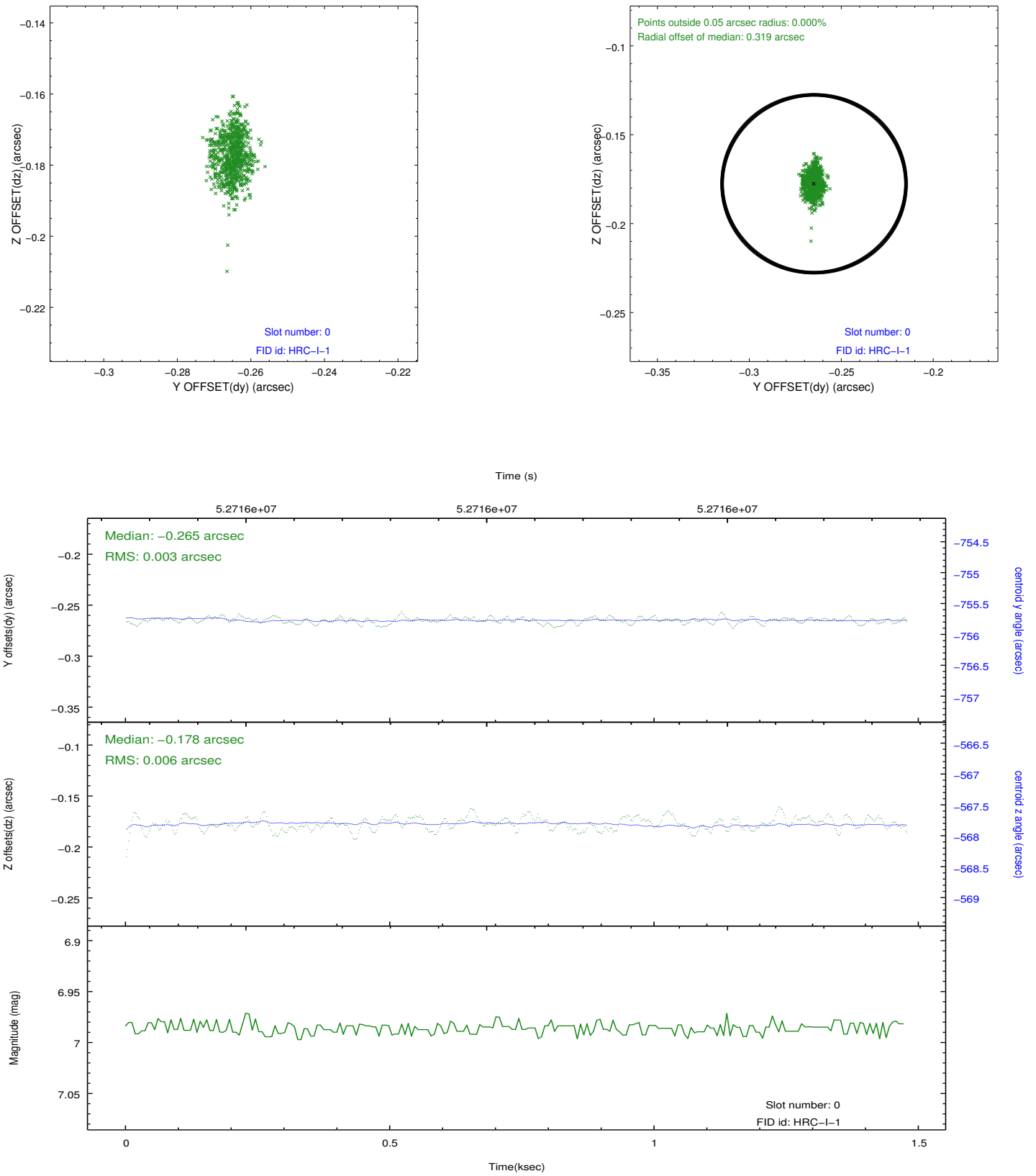


2.4.5 Slot 7

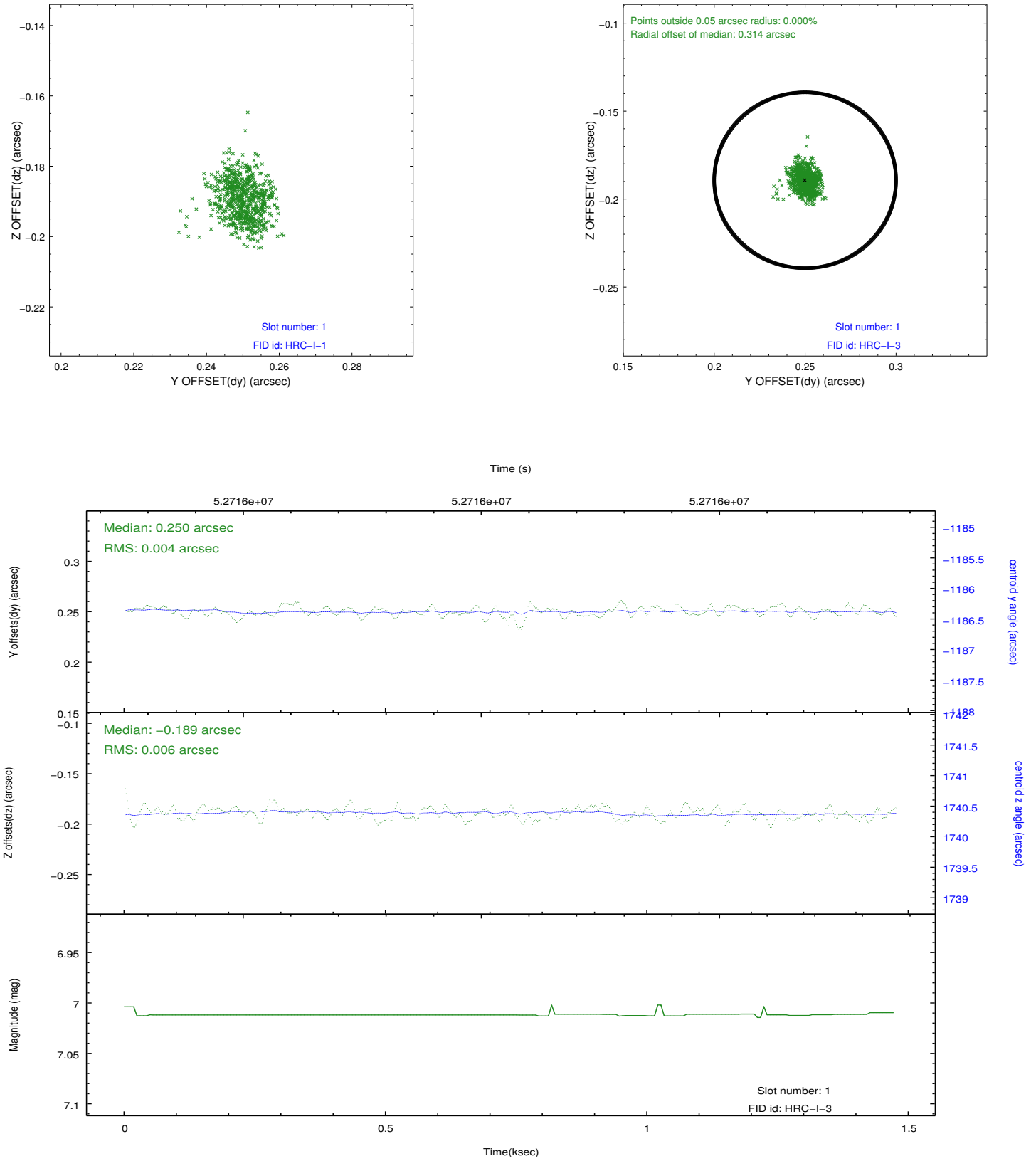


2.5 FID Slots

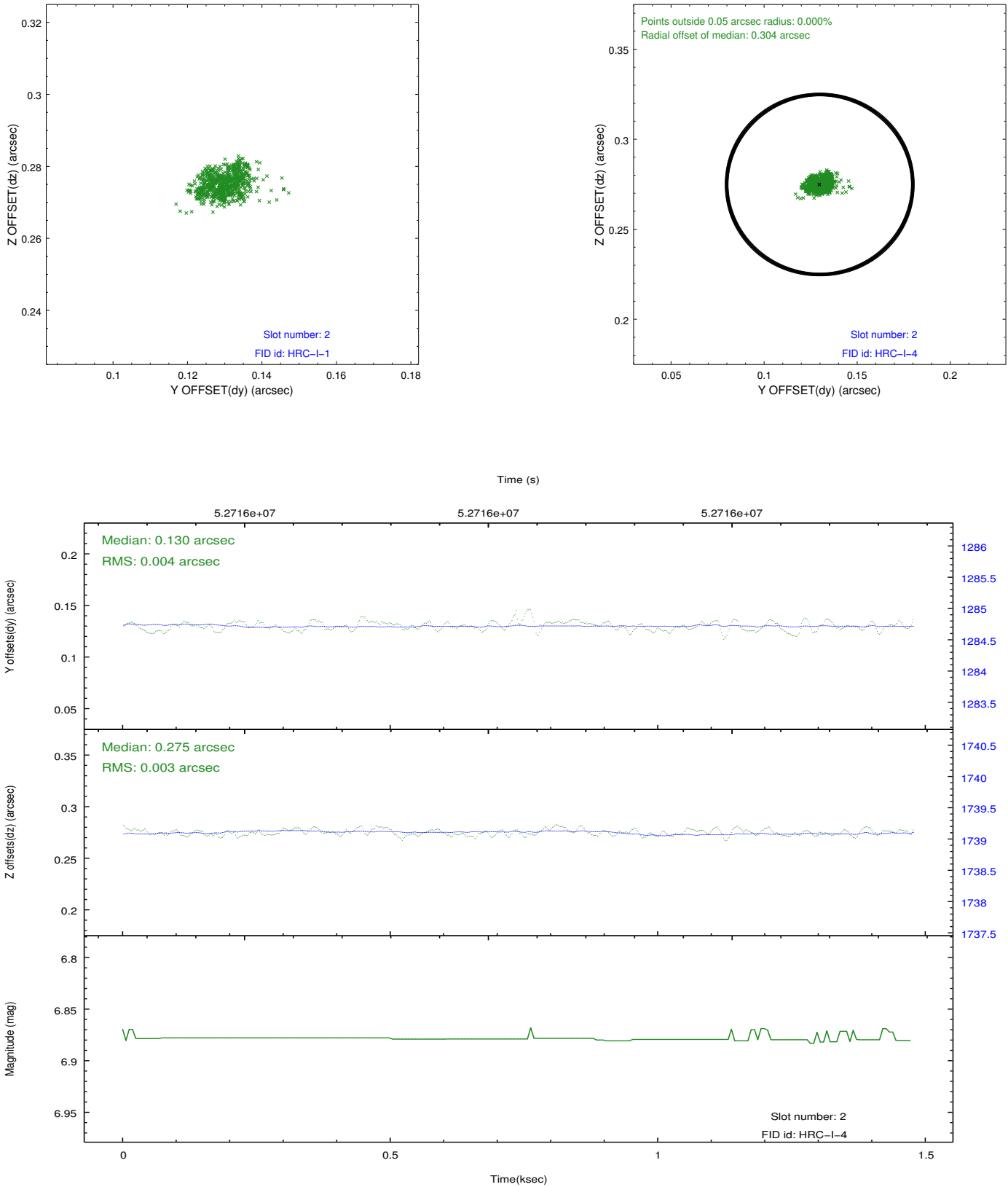
2.5.1 Slot 0



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. 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.