

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1131 - L2 Version 3

Chandra X-Ray Center

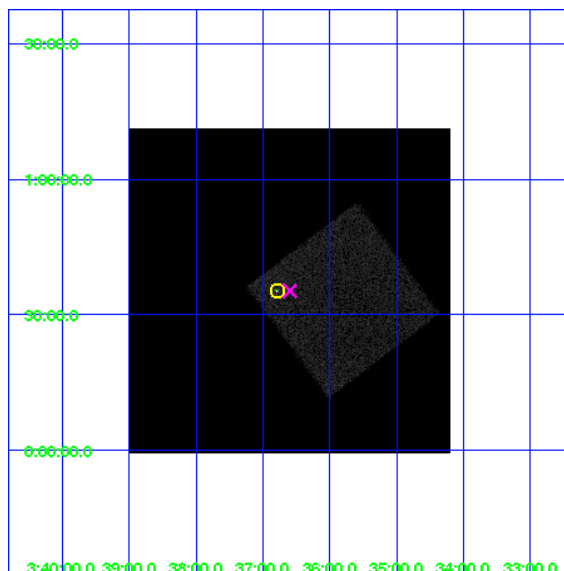
L2 Processing Date : Jan 12 2010

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1 Front

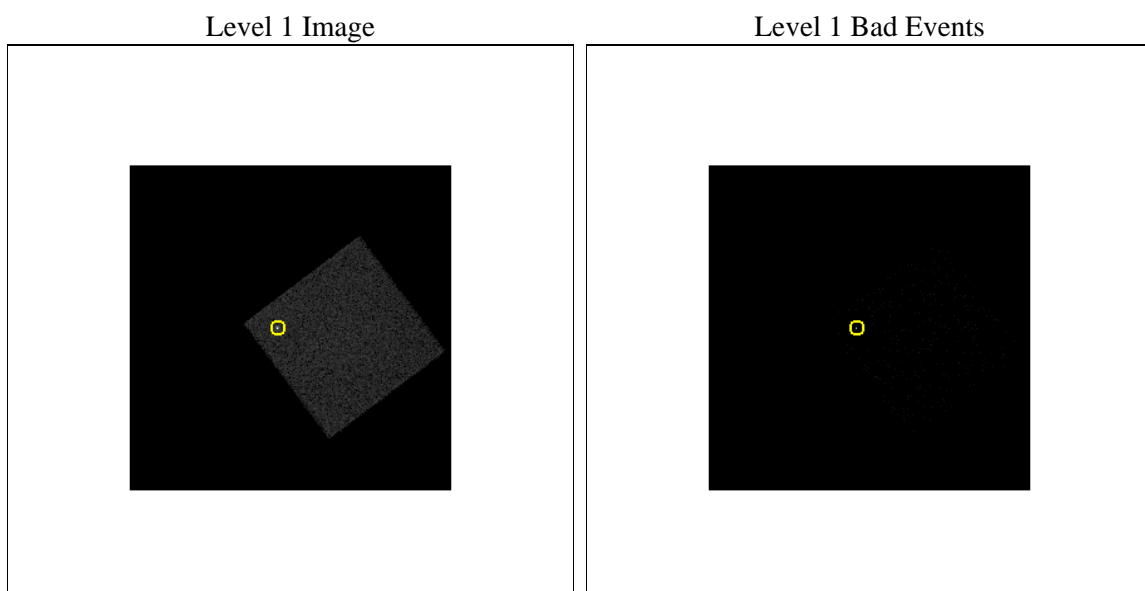
seq_num	280081	Sequence number
obs_id	1131	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.148800263248	Nominal RA
dec_nom	0.5884639400397	Nominal Dec
roll_nom	98.159285249801	Nominal Roll
revision	3	Processing version of data
ontime	794.63127853721	[s]
livetime	788.0617811939	Ontime multiplied by DTCOR
l2events	33672	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	55046	Number of level 1 events
date	2010-01-12T22:28:17	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

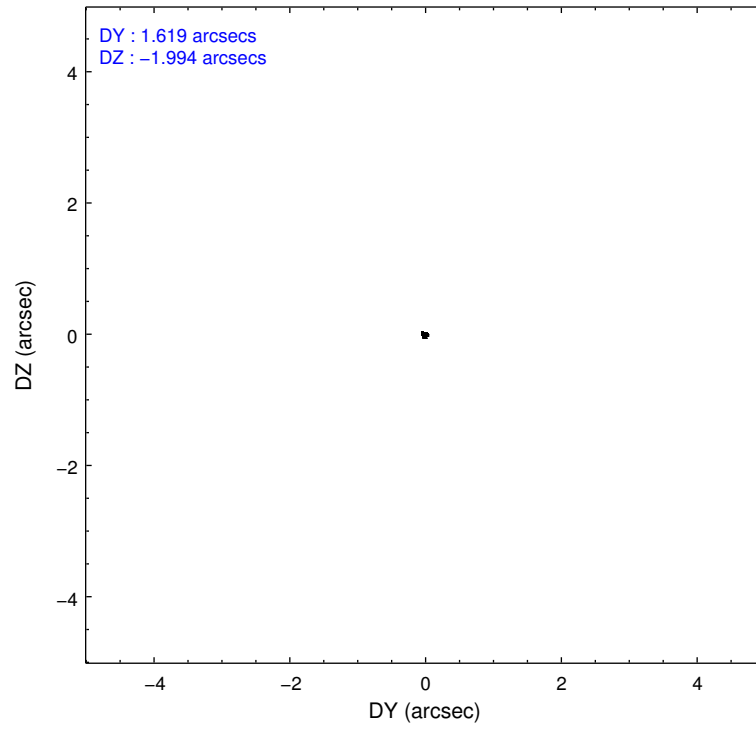
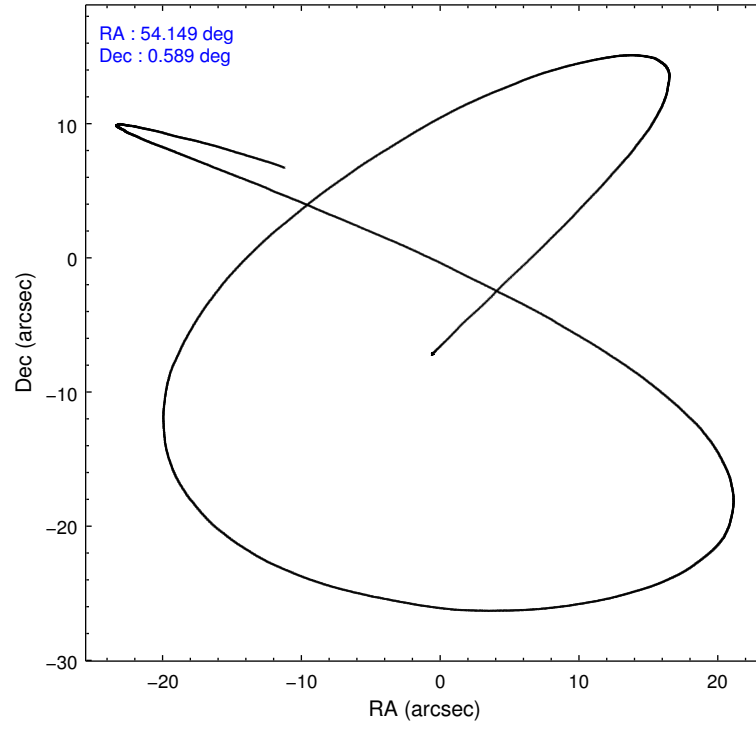
	segment 0
level 1 events	55046
rejected events	3192
rejected %	5%

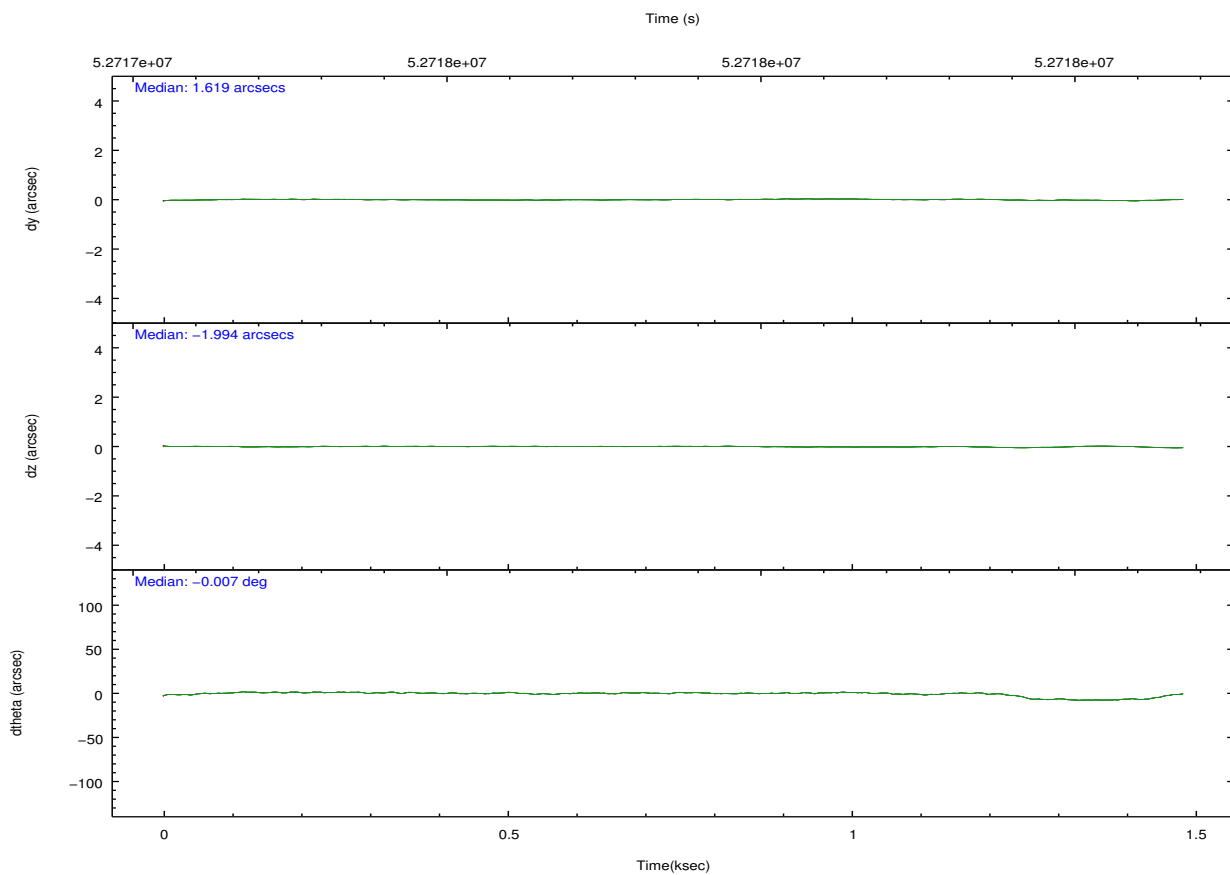
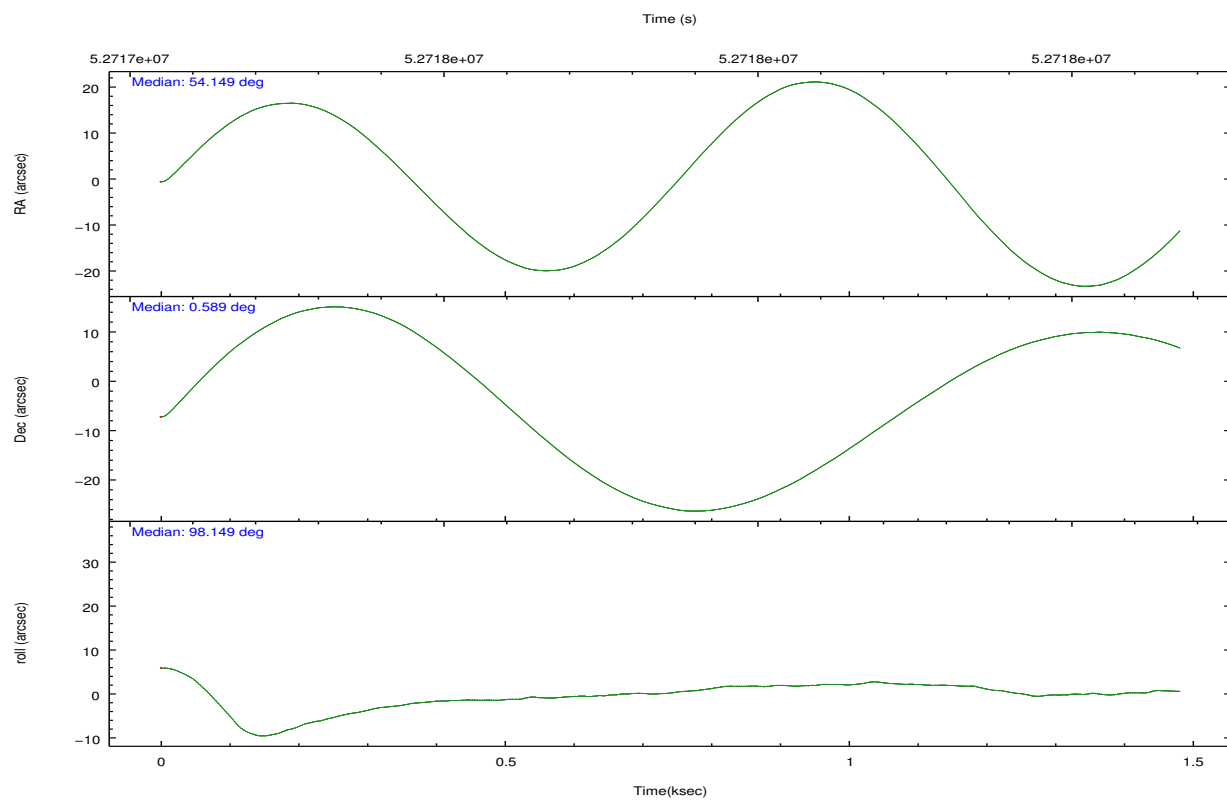
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.165878	54.14880026324781
Pointing Dec	0.565905	0.5884639400396985
Pointing Roll	98.254580	98.15928524980113
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	52717602.184000	52716935.543999
Observation start date	1999-09-03T03:45:38	1999-09-03T03:35:35
Observation end time	52718602.184000	52718735.444063
Observation end date	1999-09-03T04:02:18	1999-09-03T04:05:35

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

2.3 Aspect



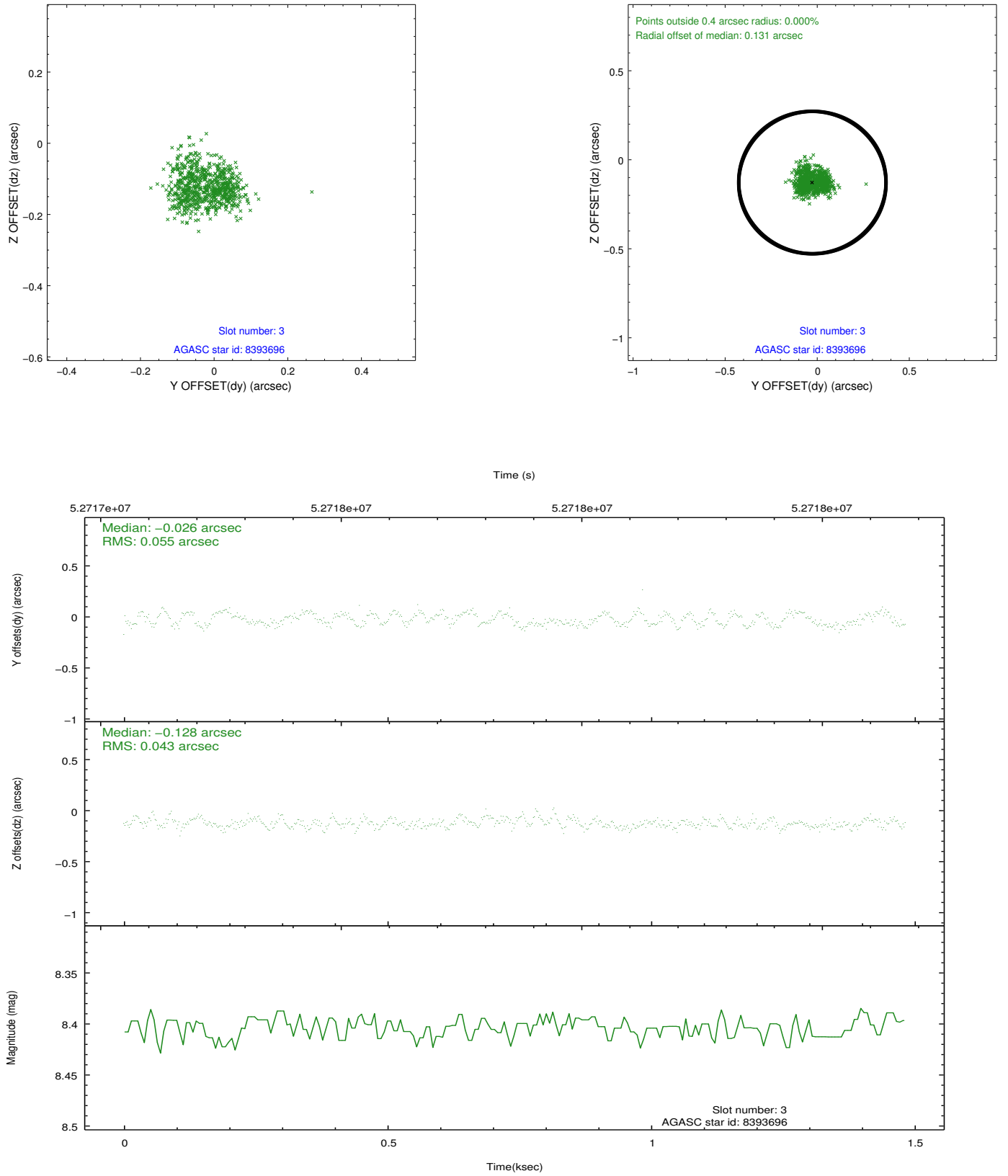


Slot Statistics

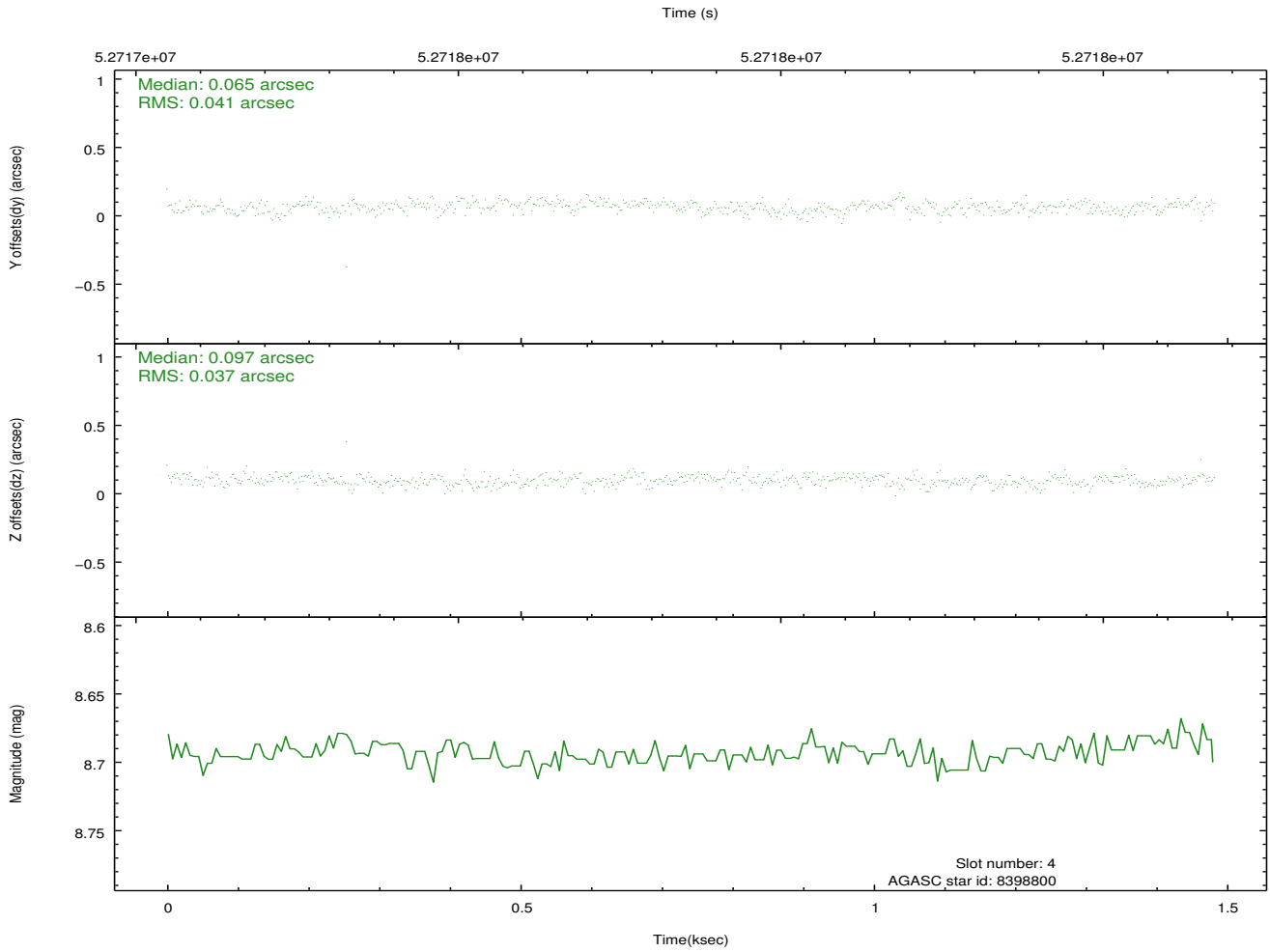
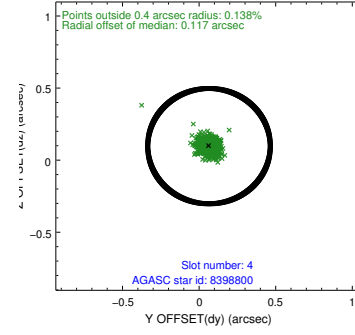
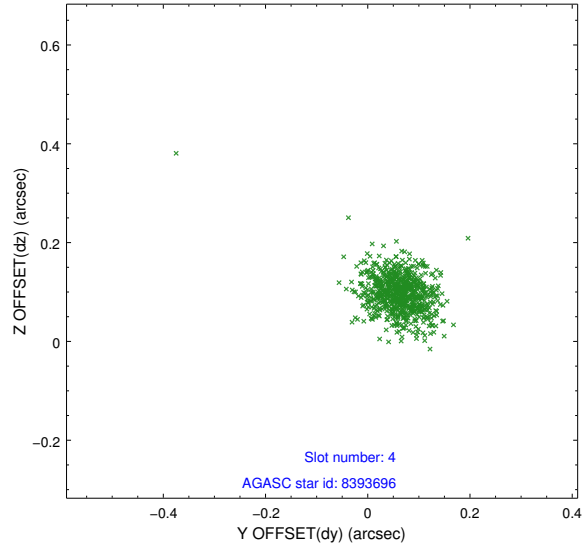
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	724	-0.263	-0.177	0.014	0.062	0.000000	0.000000	-755.75	-567.78
1	FID	HRC-I-3	7.01	724	0.248	-0.188	0.012	0.063	0.000000	0.000000	-1187.42	1739.64
2	FID	HRC-I-4	6.88	724	0.129	0.273	0.009	0.048	0.000000	0.000000	1283.08	1741.54
3	GUIDE	8393696	8.40	724	-0.026	-0.128	0.074	0.112	53.645666	0.680479	672.90	1793.84
4	GUIDE	8398800	8.69	724	0.065	0.097	0.055	0.092	54.242352	0.922024	1226.39	-453.86
5	GUIDE	8390744	9.02	724	-0.086	-0.078	0.072	0.114	53.677290	0.926294	1533.99	1553.63
6	GUIDE	8395104	8.66	723	0.028	0.238	0.084	0.130	54.744893	0.796520	521.12	-2179.54
7	GUIDE	8392416	9.68	722	0.016	-0.137	0.109	0.178	53.428256	0.991948	1895.78	2404.44

2.4 Star Slots

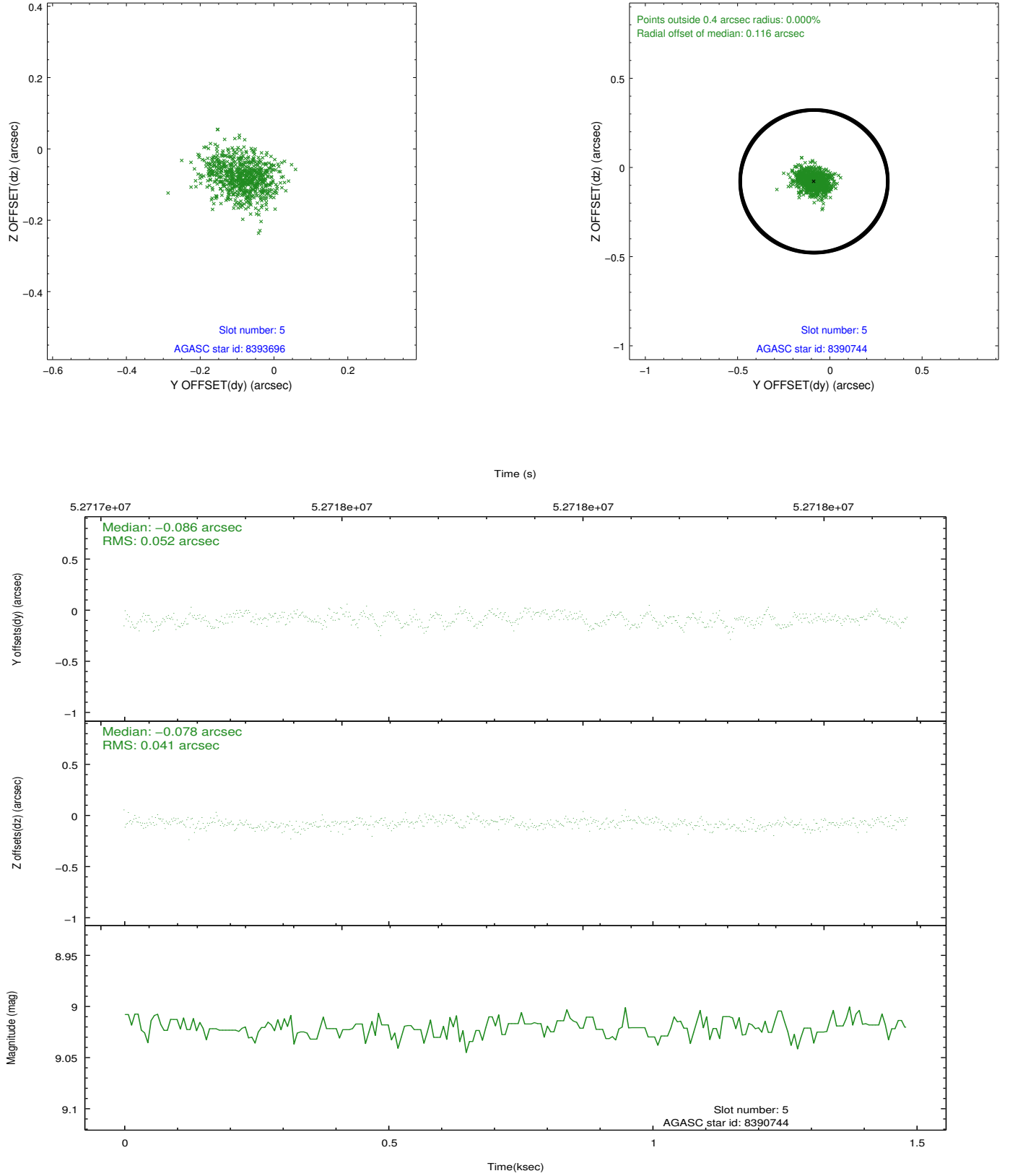
2.4.1 Slot 3



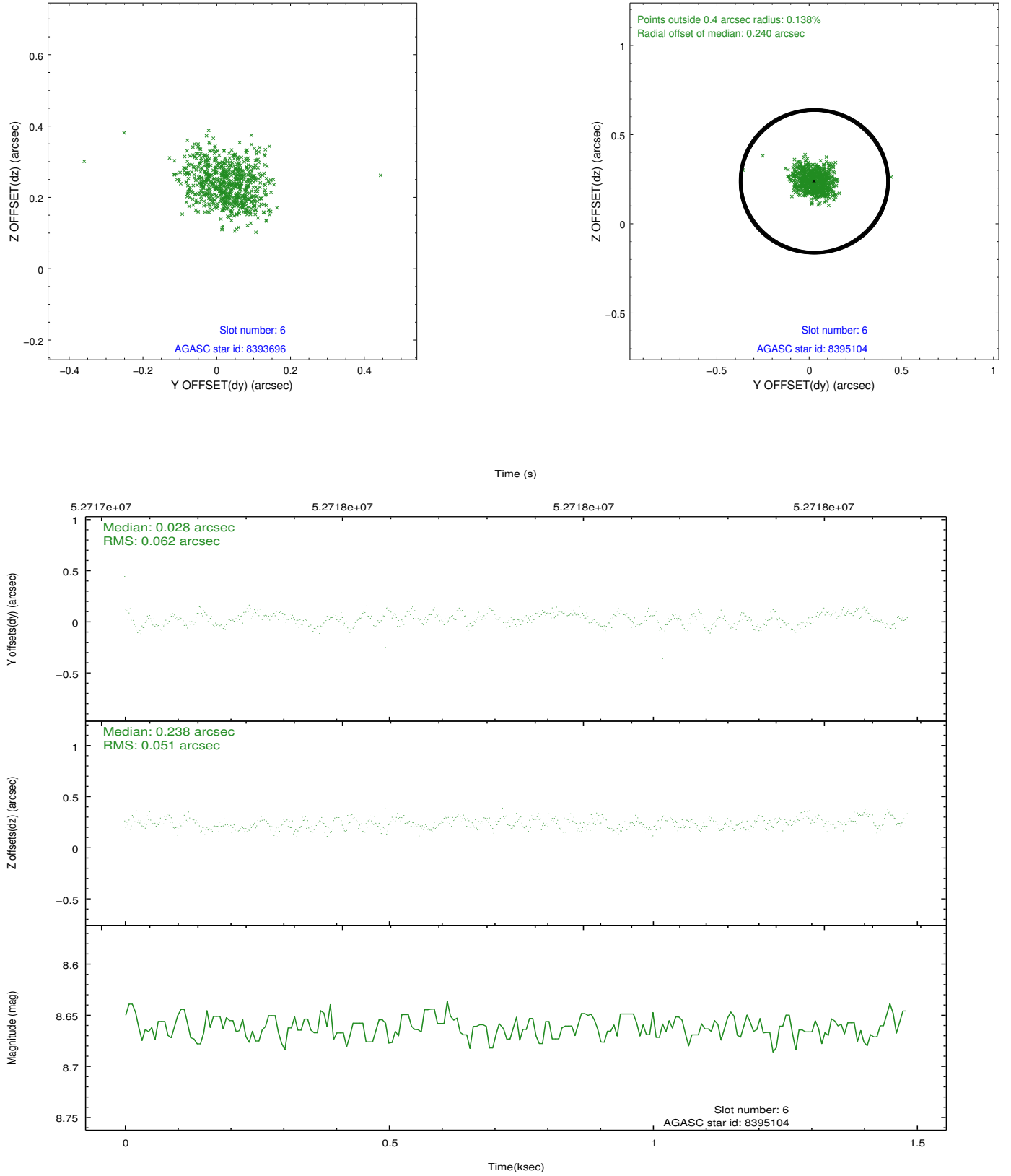
2.4.2 Slot 4



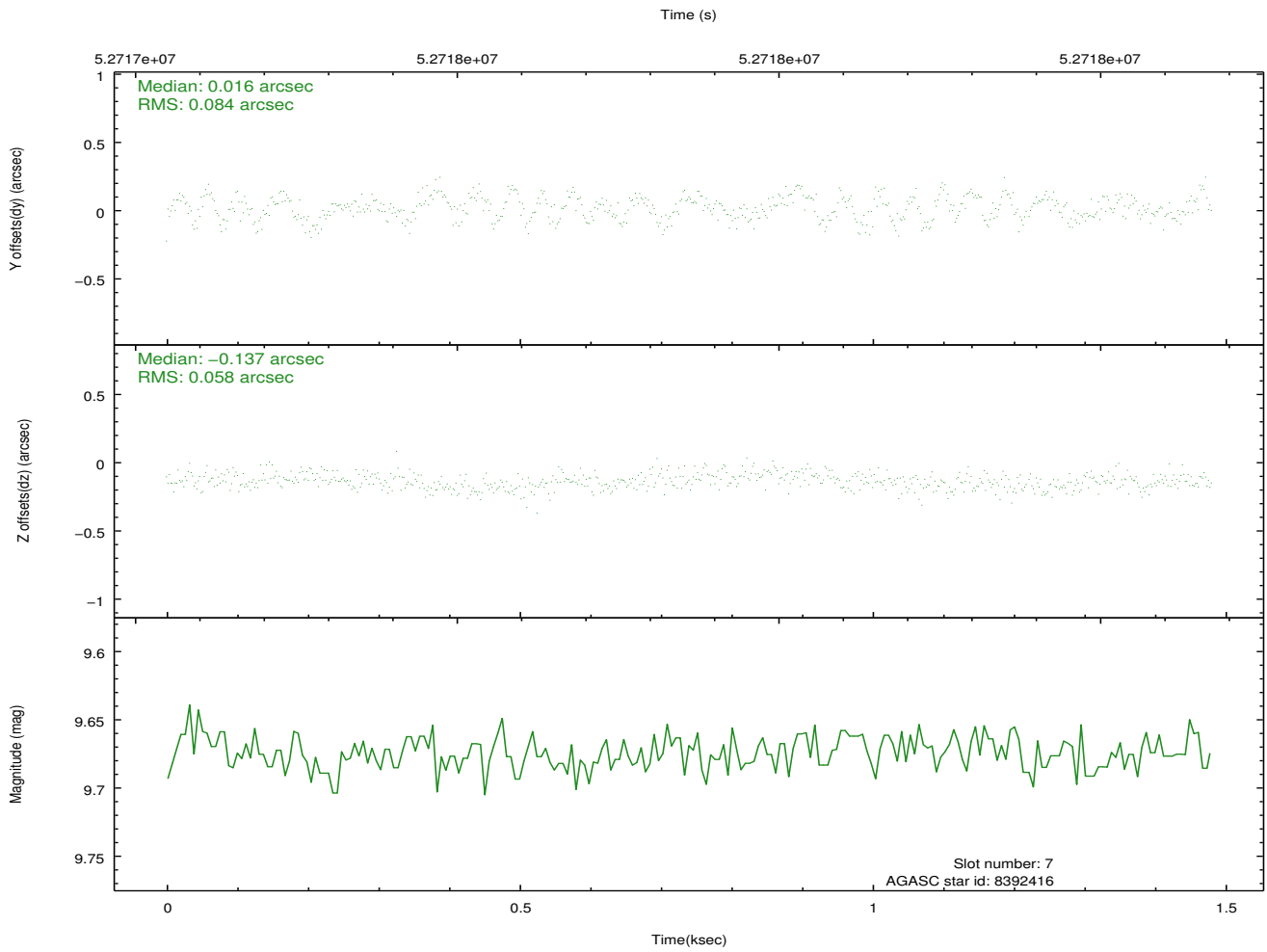
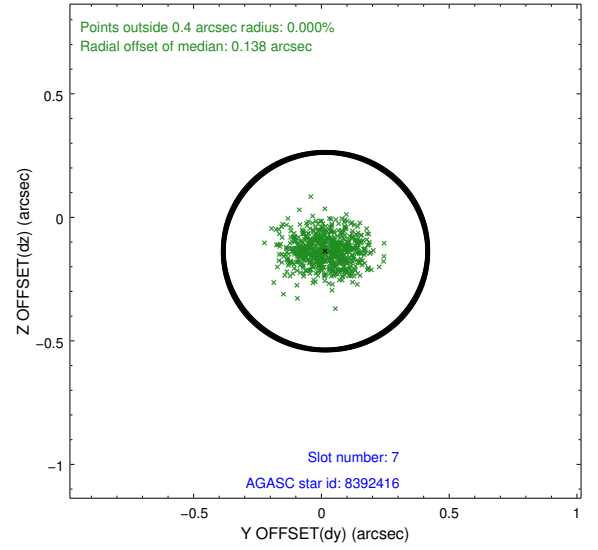
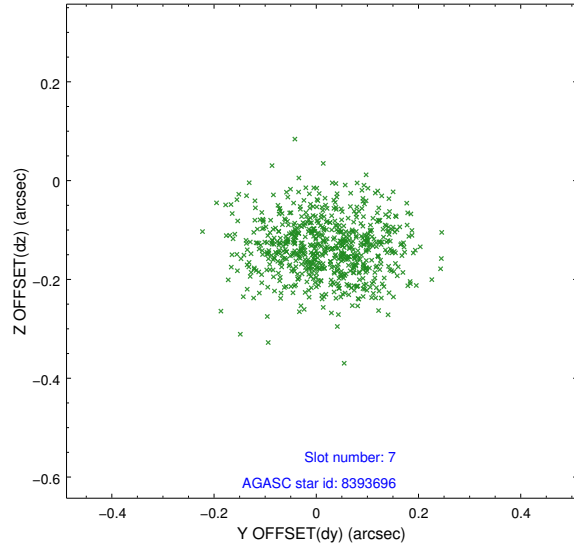
2.4.3 Slot 5



2.4.4 Slot 6

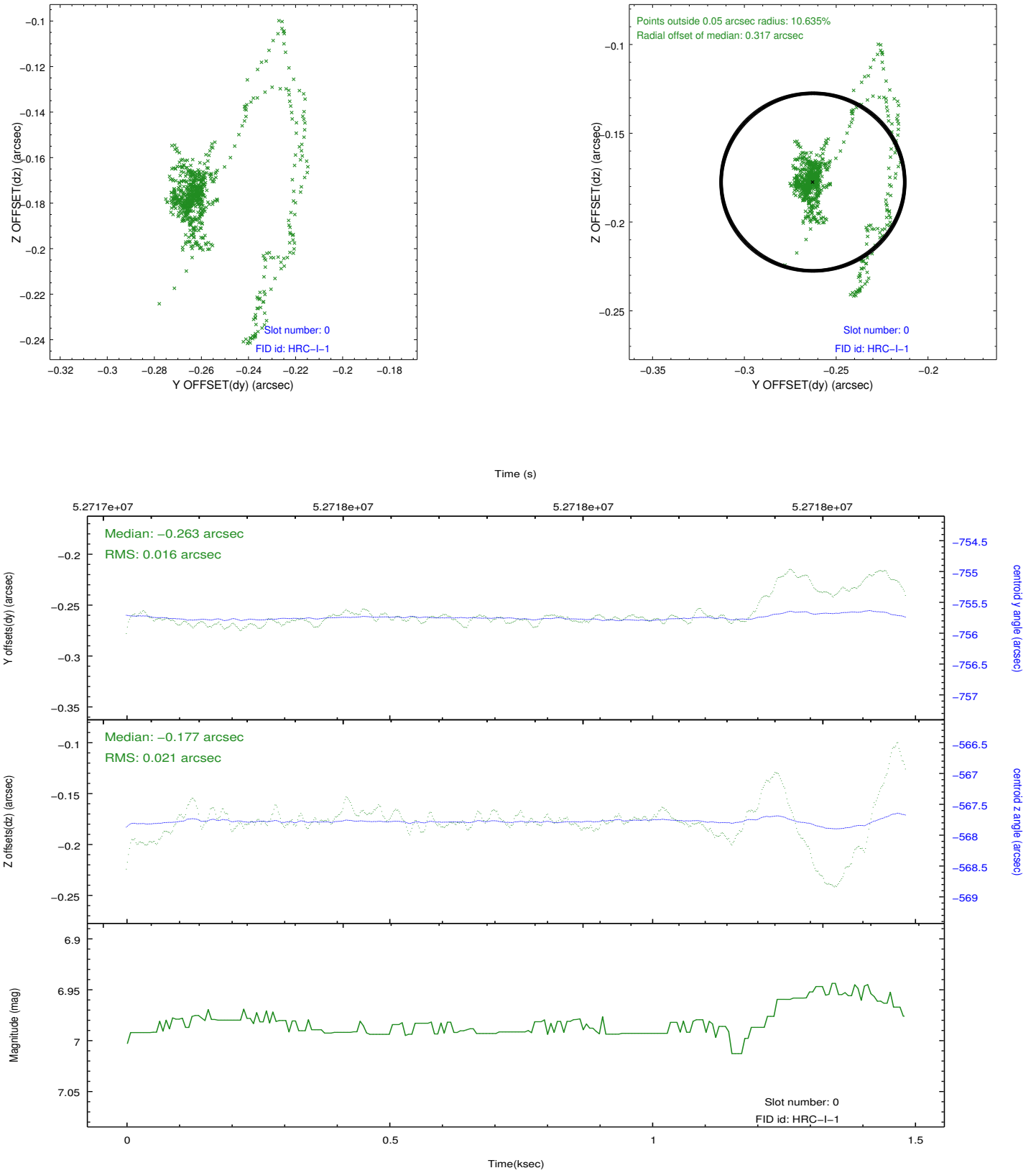


2.4.5 Slot 7

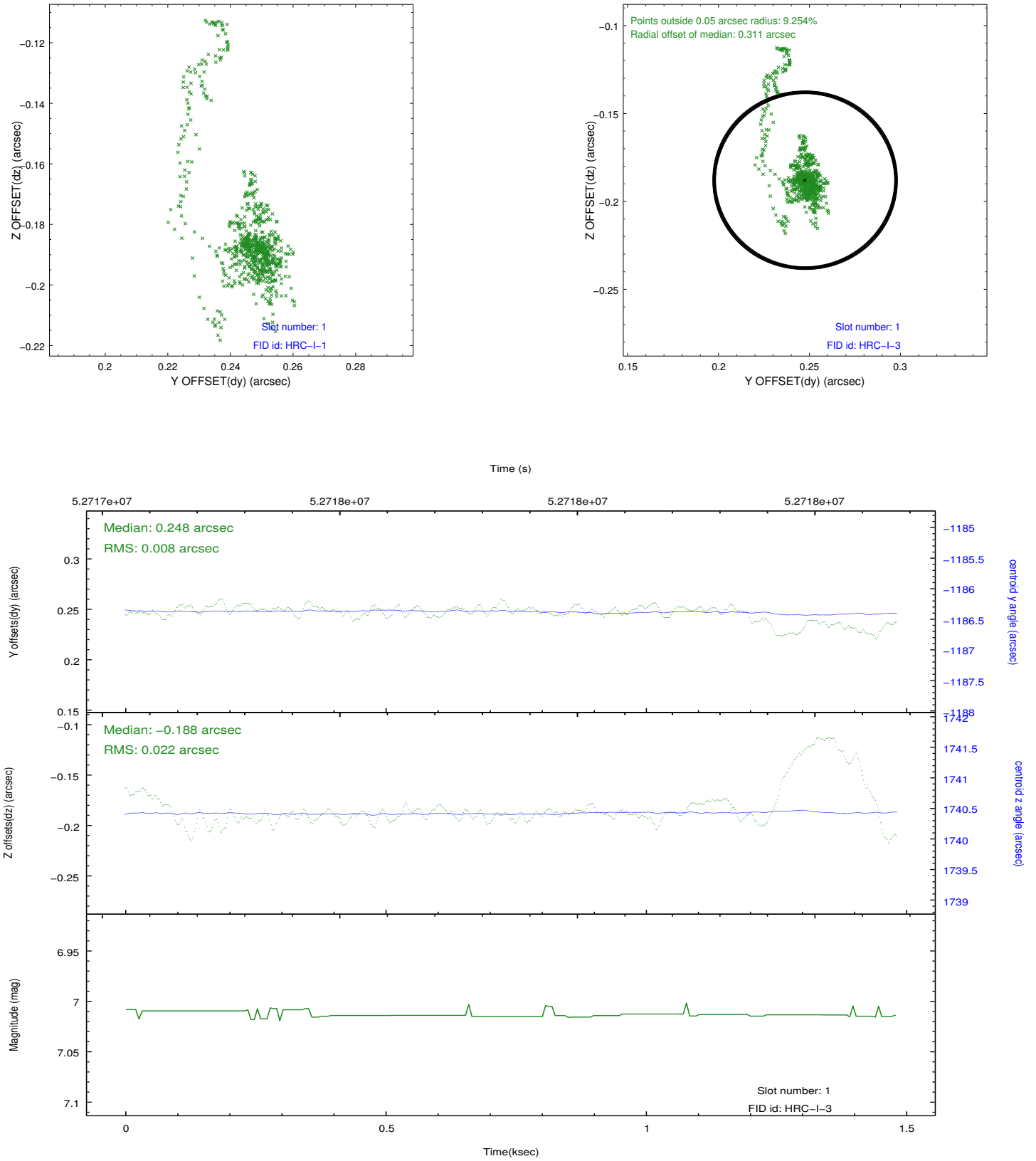


2.5 FID Slots

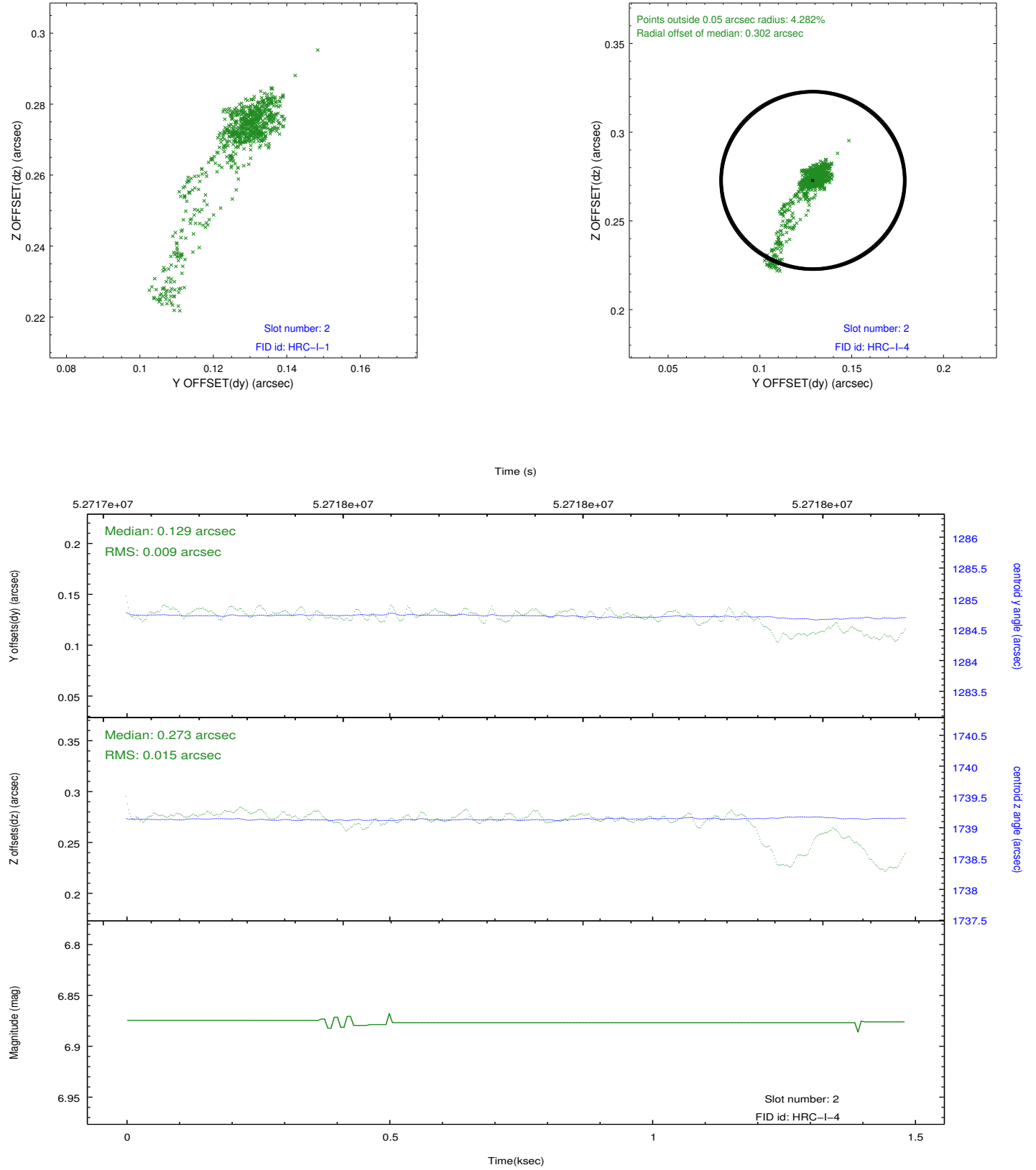
2.5.1 Slot 0



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	0.792

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.

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Charge time for this observation remains at previous value of 0.792
ksec,
although with the current processing the charge time would have been
0.794 ksec.