

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1125 - L2 Version 4

Chandra X-Ray Center

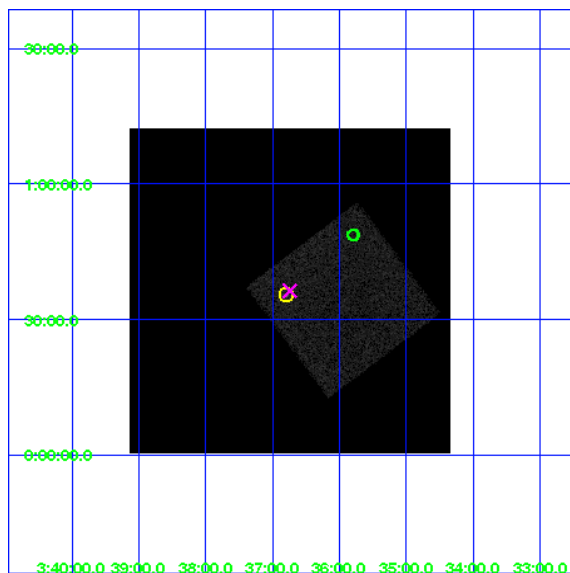
L2 Processing Date : Jan 12 2010

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1 Front

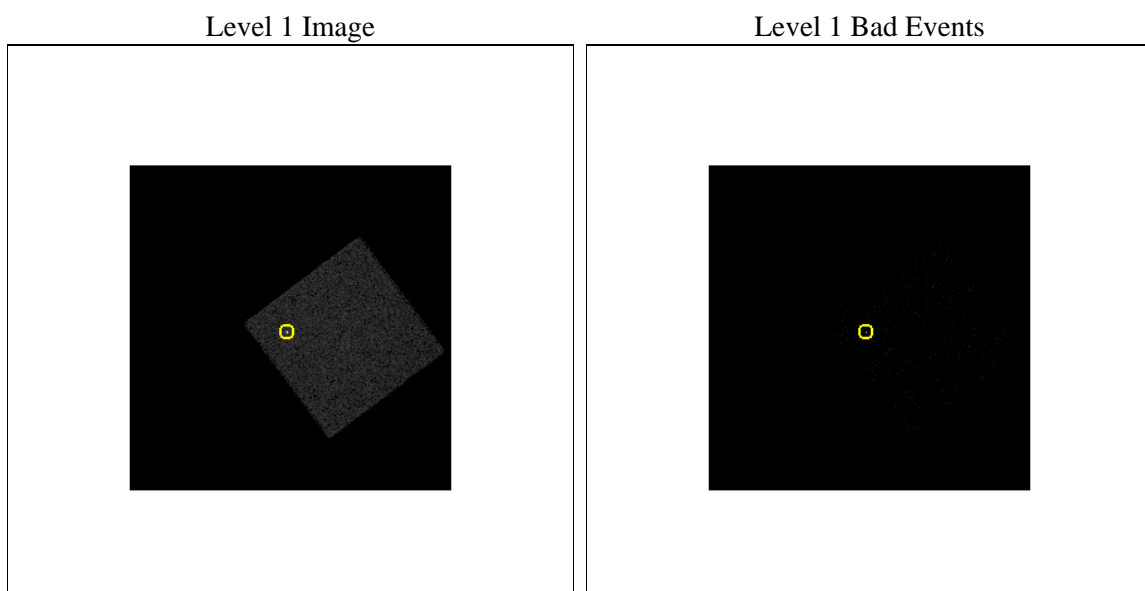
seq_num	280075	Sequence number
obs_id	1125	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.184870728434	Nominal RA
dec_nom	0.60564123420171	Nominal Dec
roll_nom	98.202576193227	Nominal Roll
revision	4	Processing version of data
ontime	794.63127853721	[s]
livetime	788.09396287387	Ontime multiplied by DTCOR
l2events	33088	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	54253	Number of level 1 events
date	2010-01-12T22:23:26	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

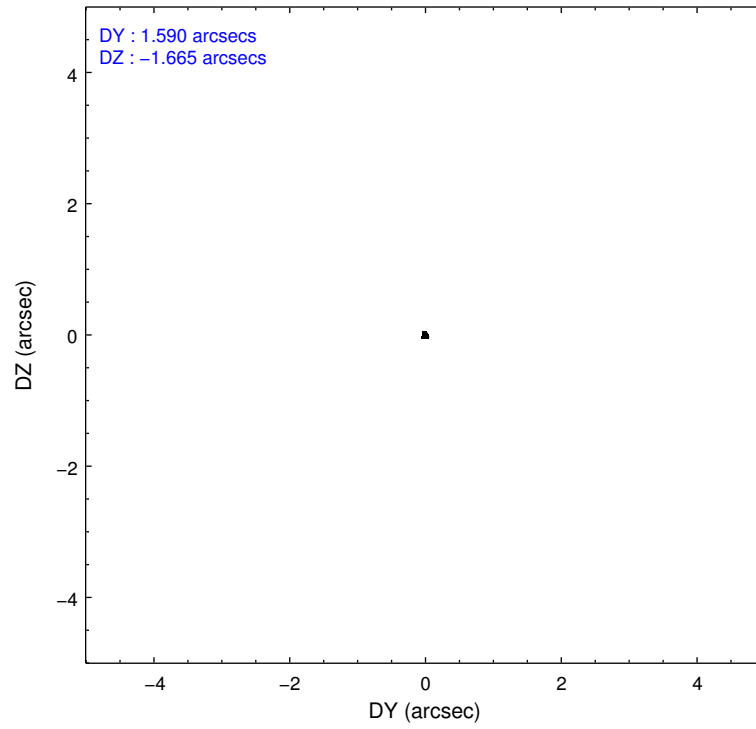
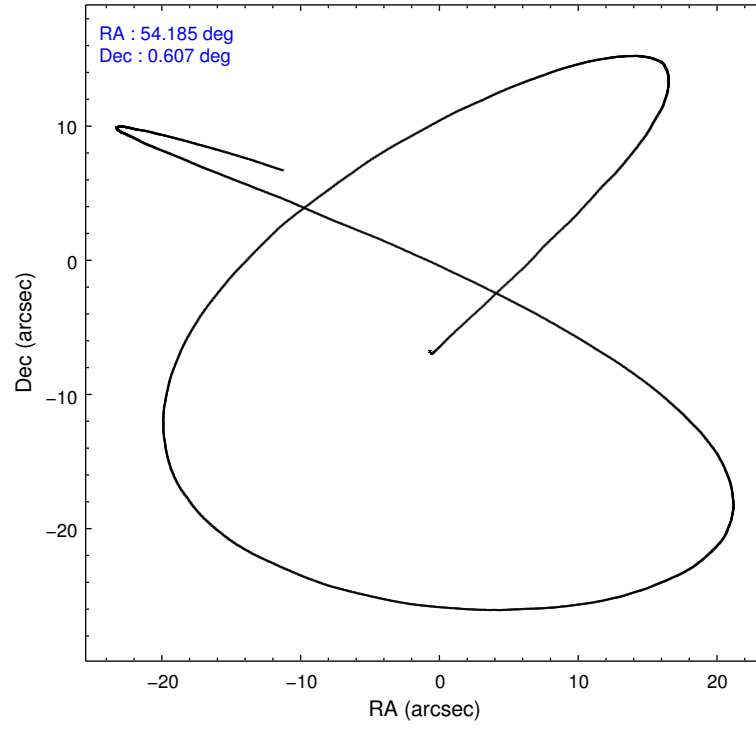
	segment 0
level 1 events	54253
rejected events	3268
rejected %	6%

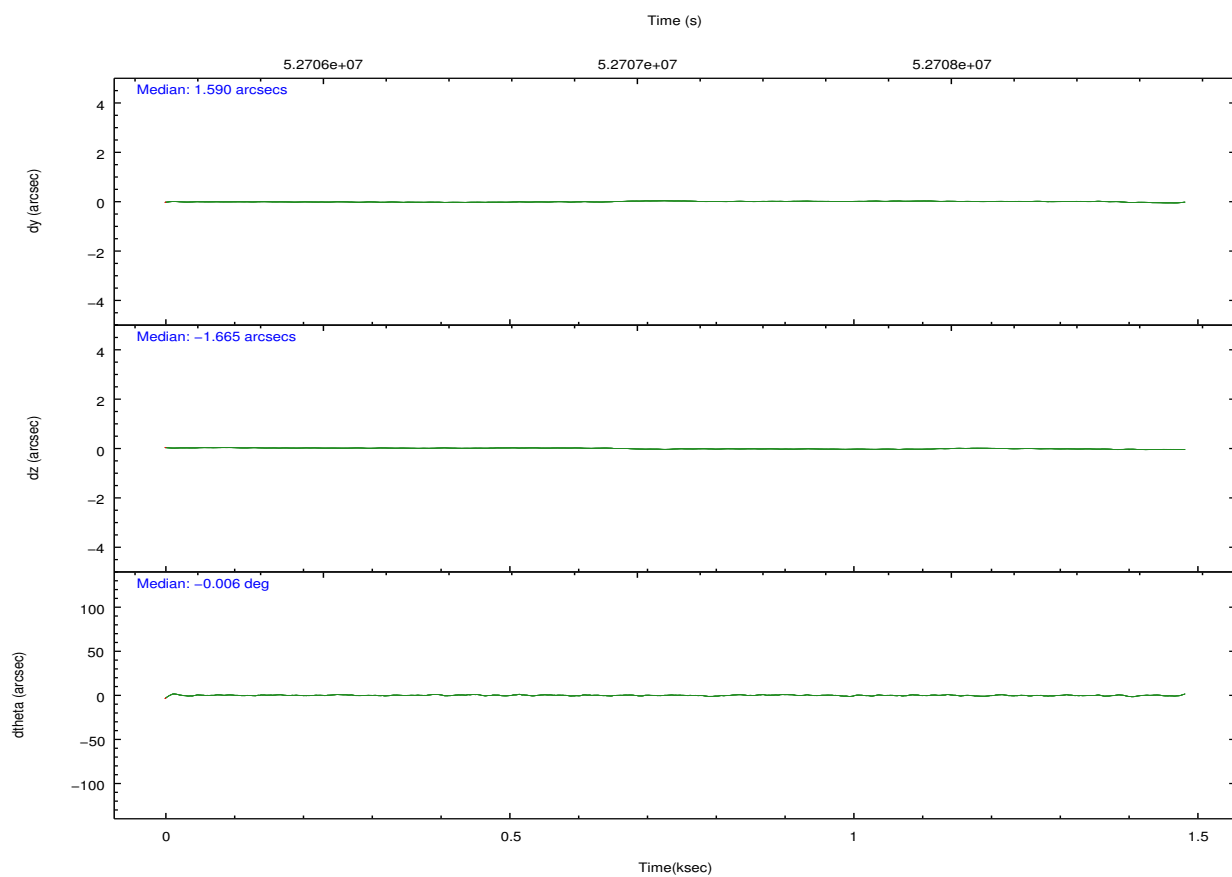
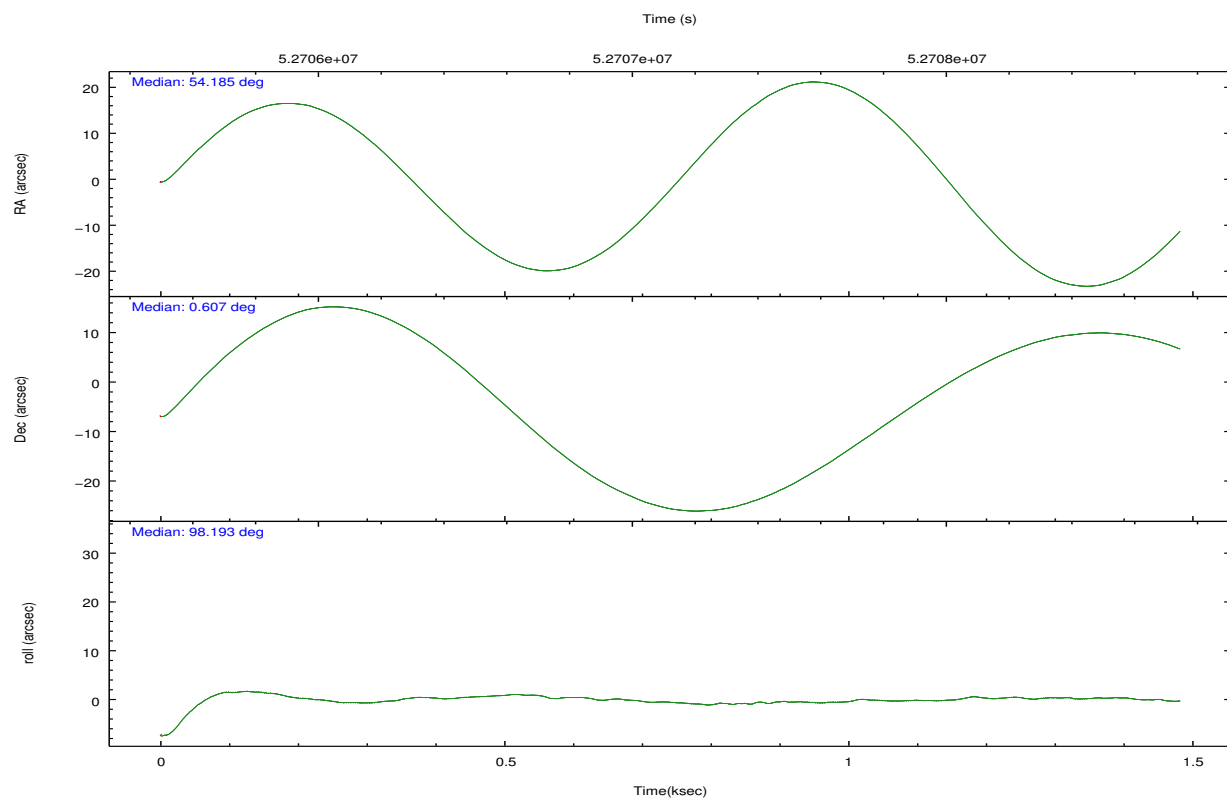
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.201964	54.18487072843359
Pointing Dec	0.583102	0.6056412342017115
Pointing Roll	98.297927	98.202576193227
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	52706802.184000	52706135.631111
Observation start date	1999-09-03T00:45:38	1999-09-03T00:35:35
Observation end time	52707802.184000	52707935.531176
Observation end date	1999-09-03T01:02:18	1999-09-03T01:05:35

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

2.3 Aspect



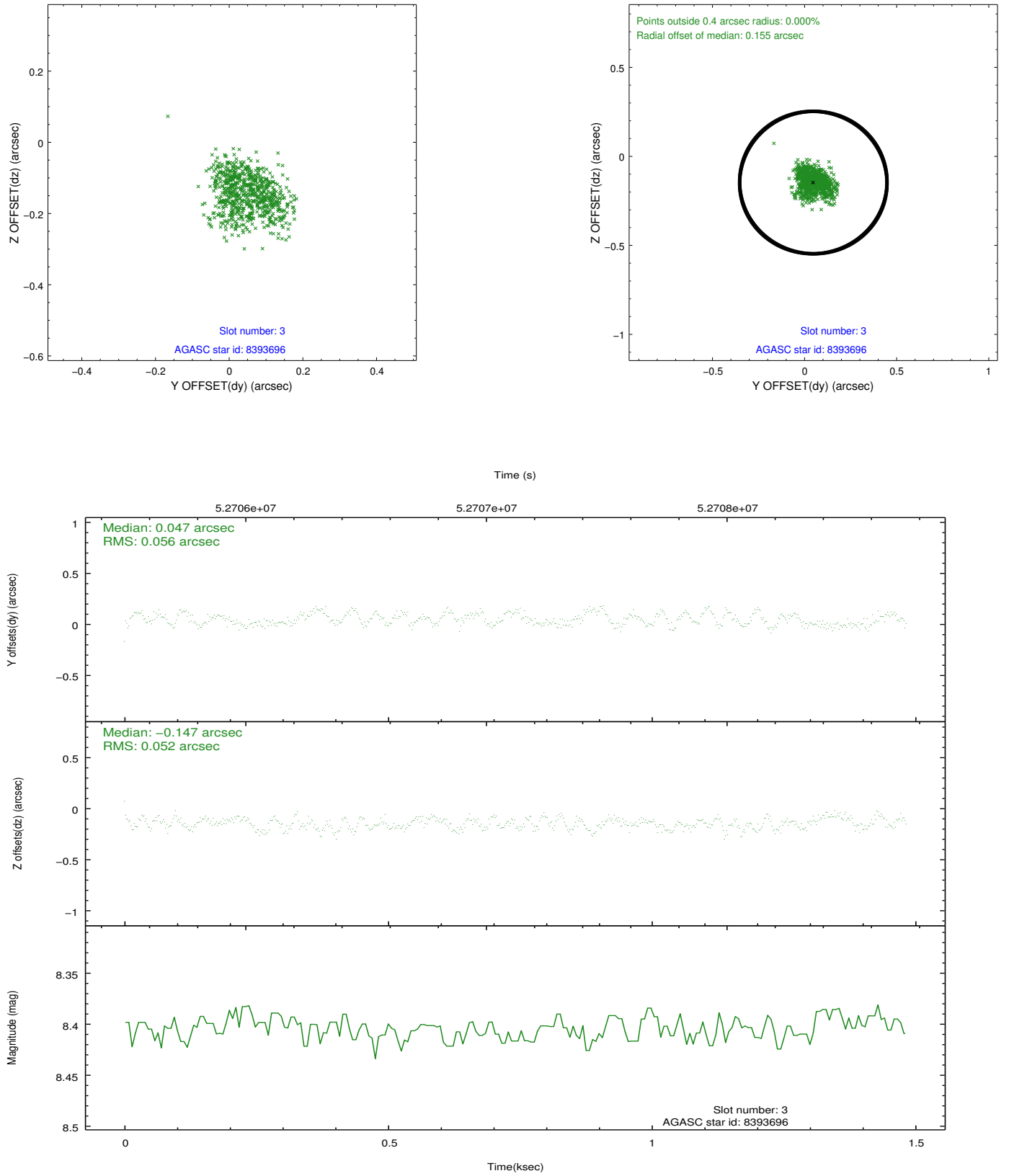


Slot Statistics

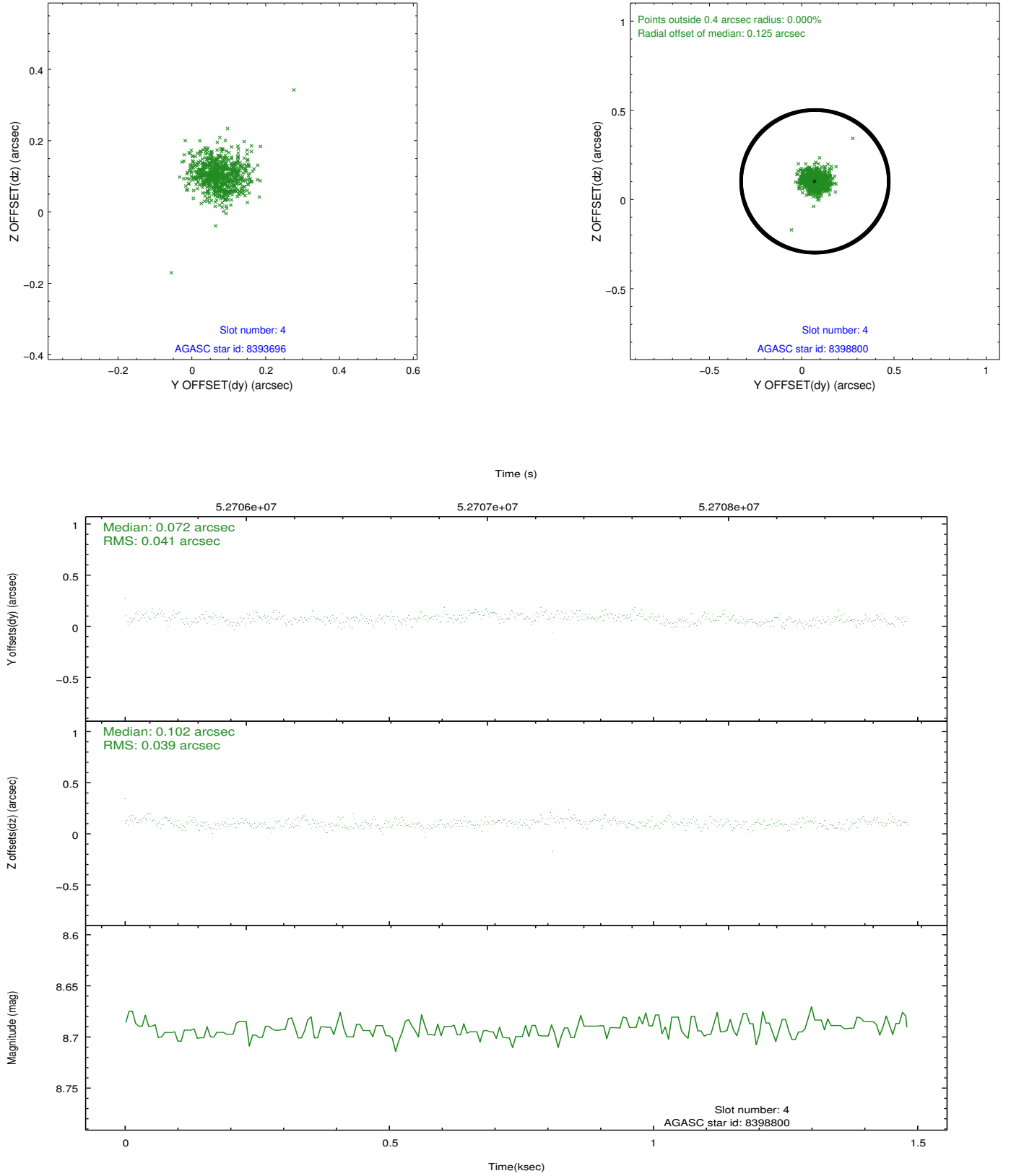
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	724	-0.268	-0.167	0.006	0.012	0.000000	0.000000	-755.73	-568.11
1	FID	HRC-I-3	7.01	724	0.251	-0.202	0.007	0.011	0.000000	0.000000	-1187.38	1739.28
2	FID	HRC-I-4	6.88	724	0.133	0.276	0.005	0.008	0.000000	0.000000	1283.13	1741.20
3	GUIDE	8393696	8.40	724	0.047	-0.147	0.081	0.127	53.645666	0.680479	631.95	1930.85
4	GUIDE	8398800	8.69	724	0.072	0.102	0.057	0.093	54.242352	0.922024	1183.57	-317.06
5	GUIDE	8390744	9.03	724	-0.052	-0.116	0.095	0.151	53.677290	0.926294	1492.75	1690.15
6	GUIDE	8395104	8.66	724	0.035	0.199	0.087	0.127	54.744893	0.796520	476.98	-2042.25
7	GUIDE	8399352	9.95	723	-0.102	-0.041	0.127	0.196	53.946831	1.204693	2343.54	583.21

2.4 Star Slots

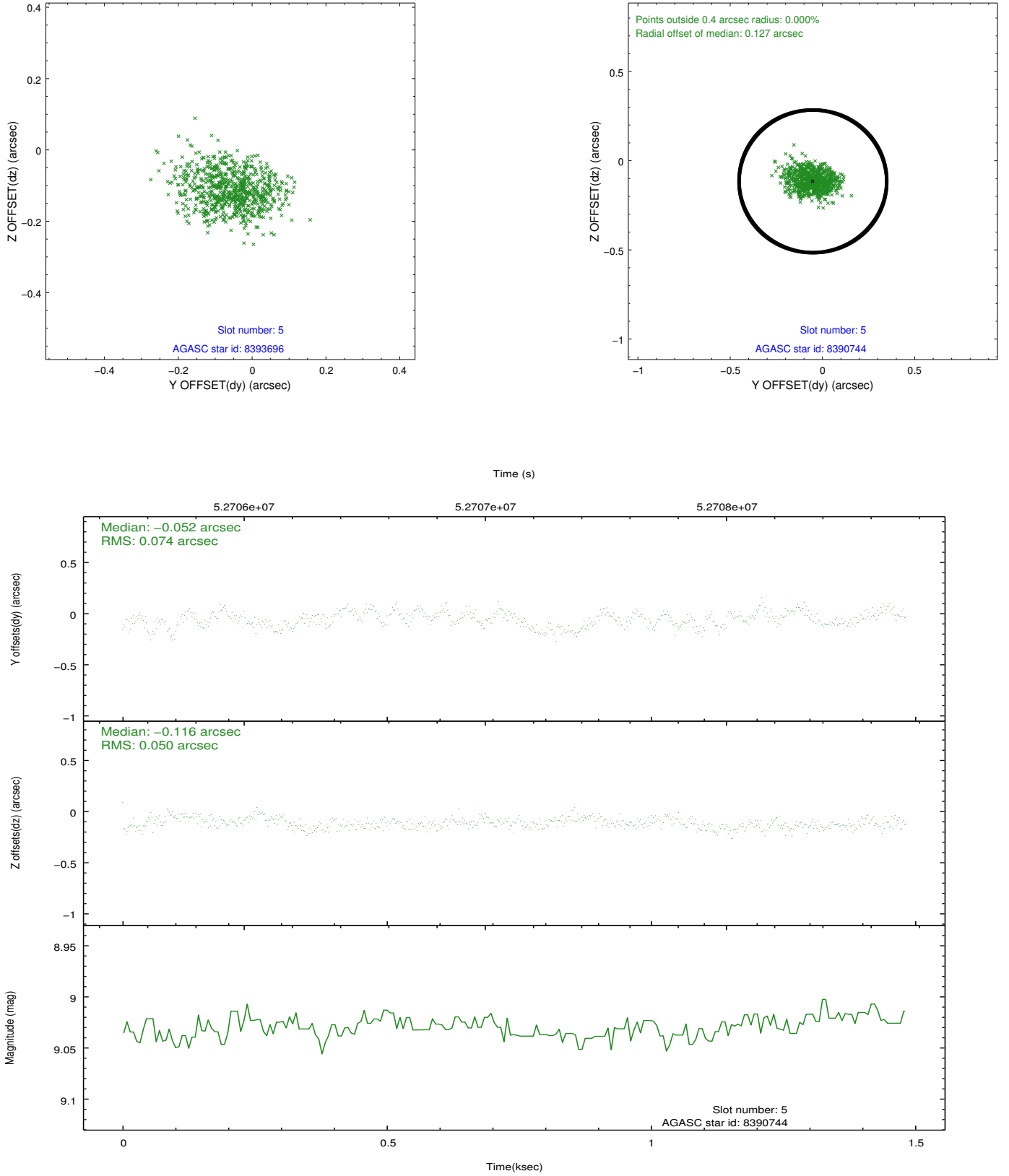
2.4.1 Slot 3



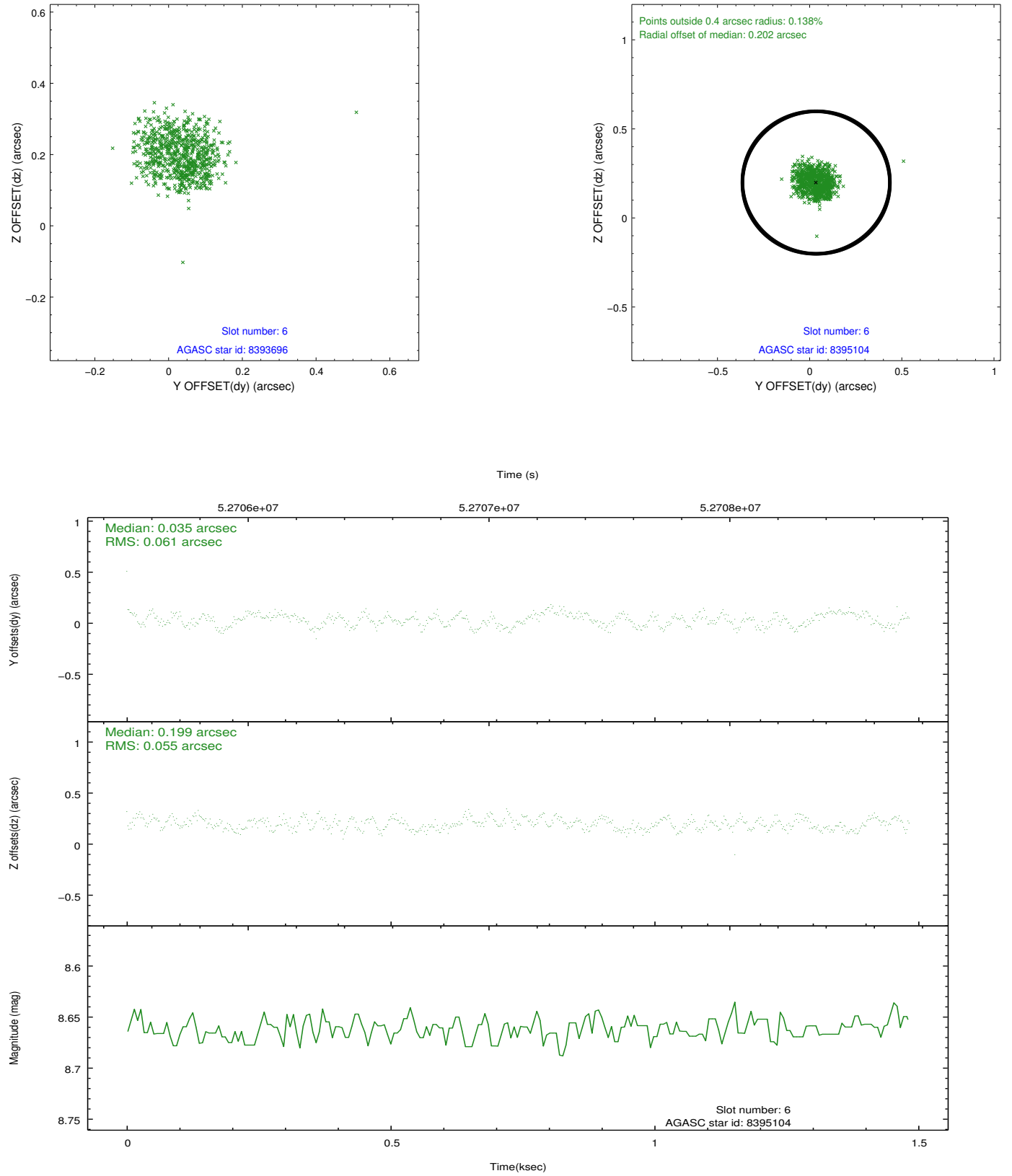
2.4.2 Slot 4



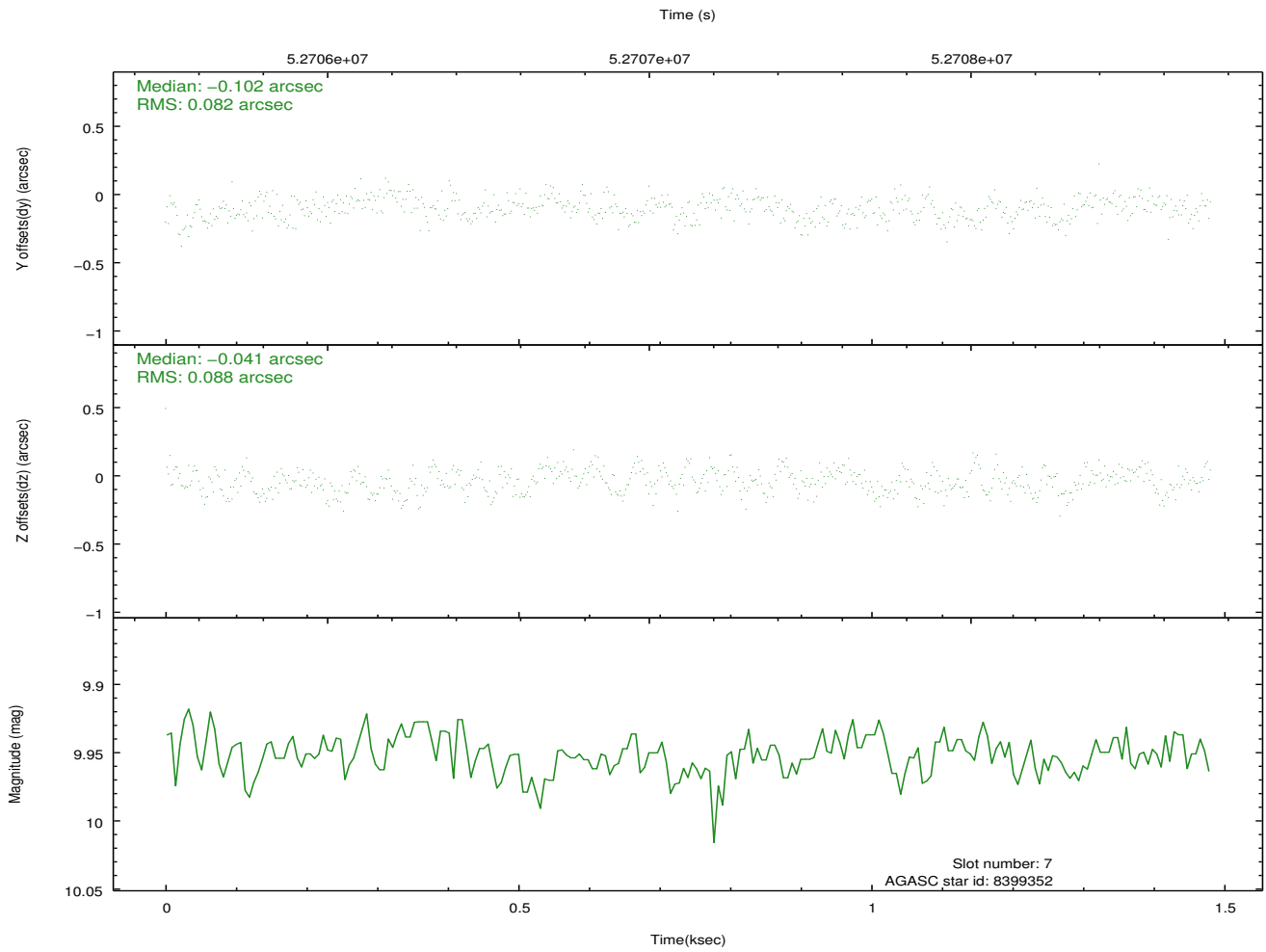
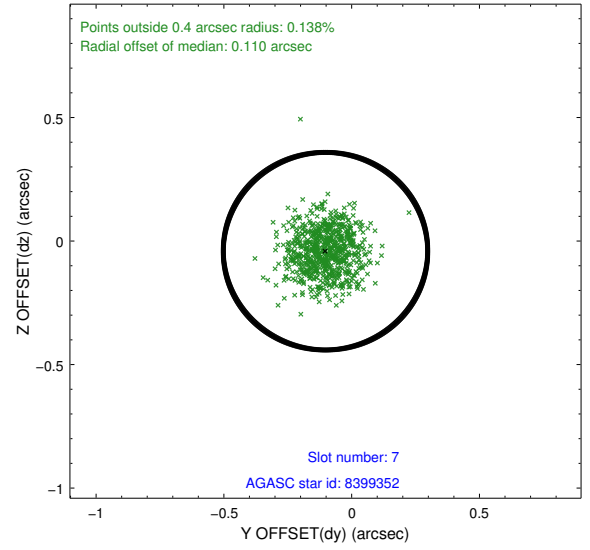
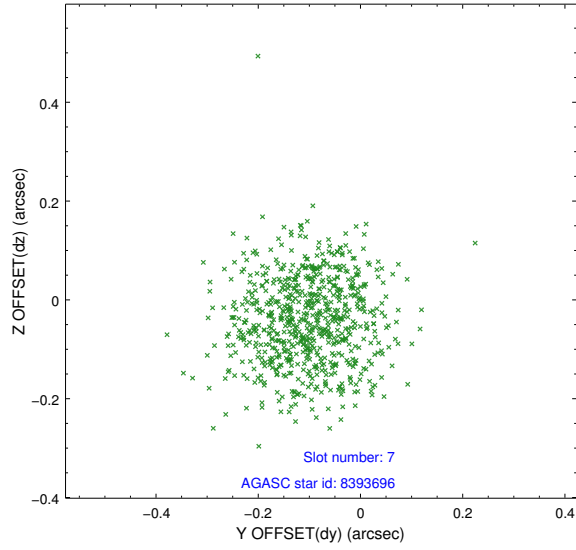
2.4.3 Slot 5



2.4.4 Slot 6

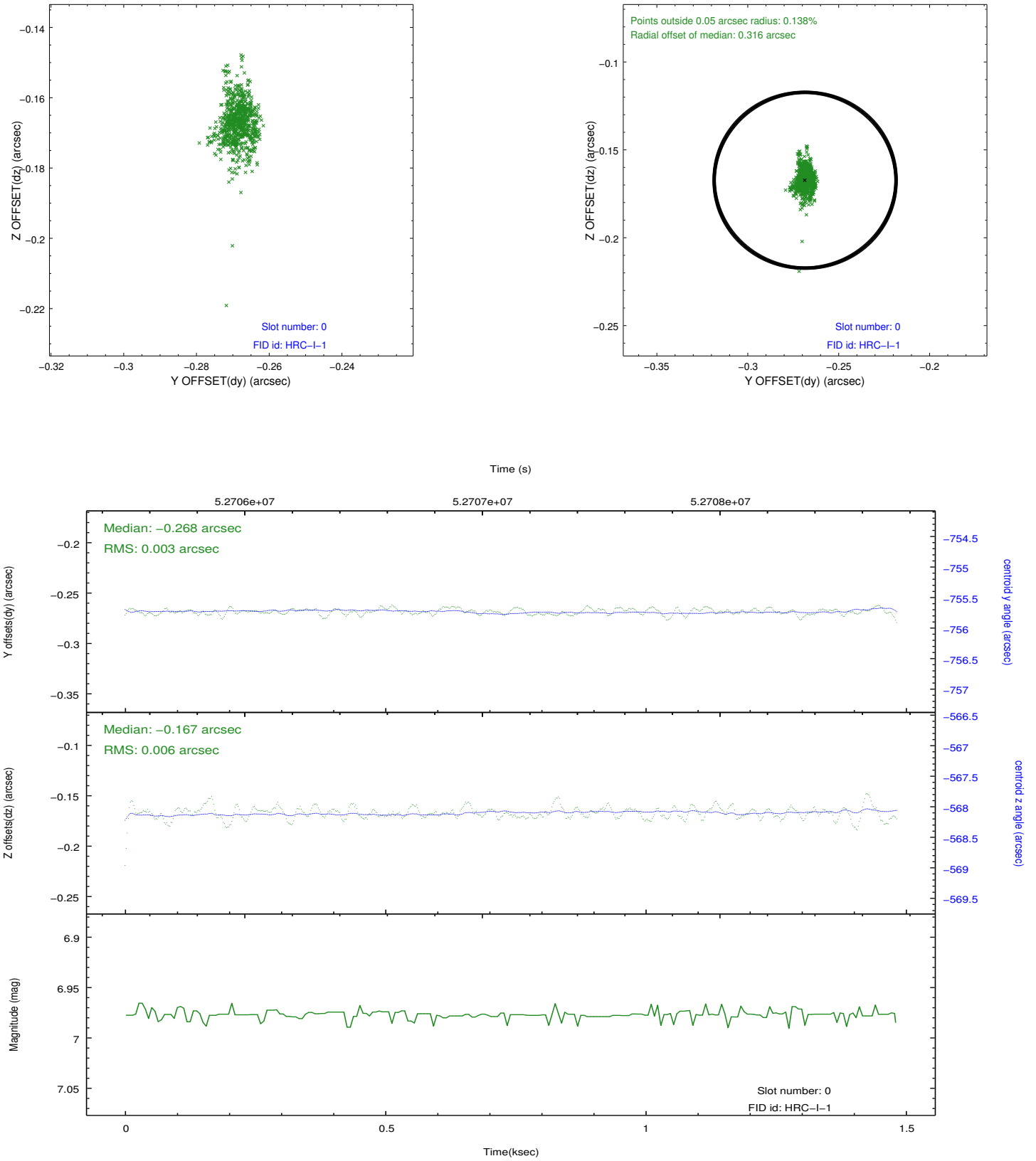


2.4.5 Slot 7

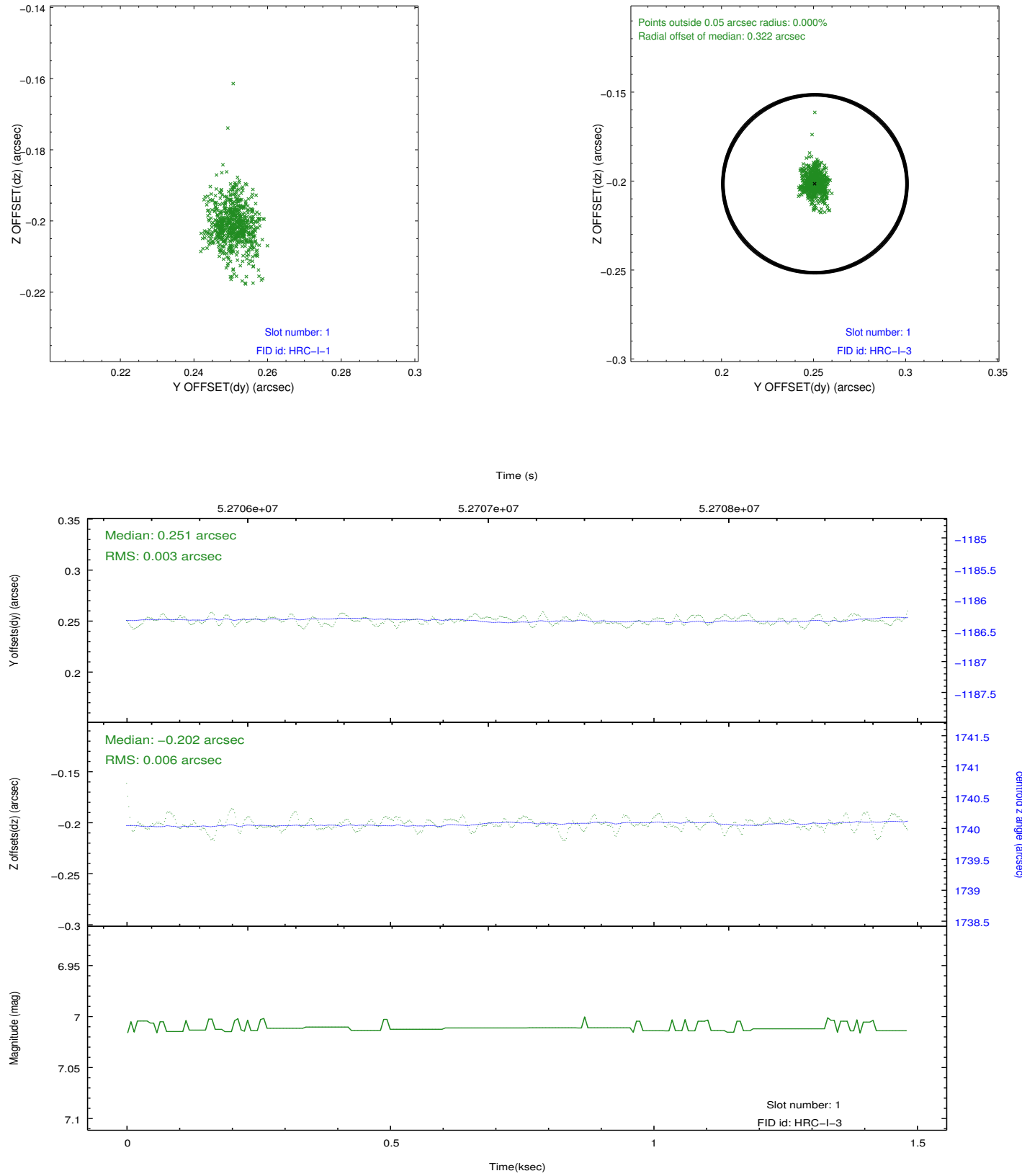


2.5 FID Slots

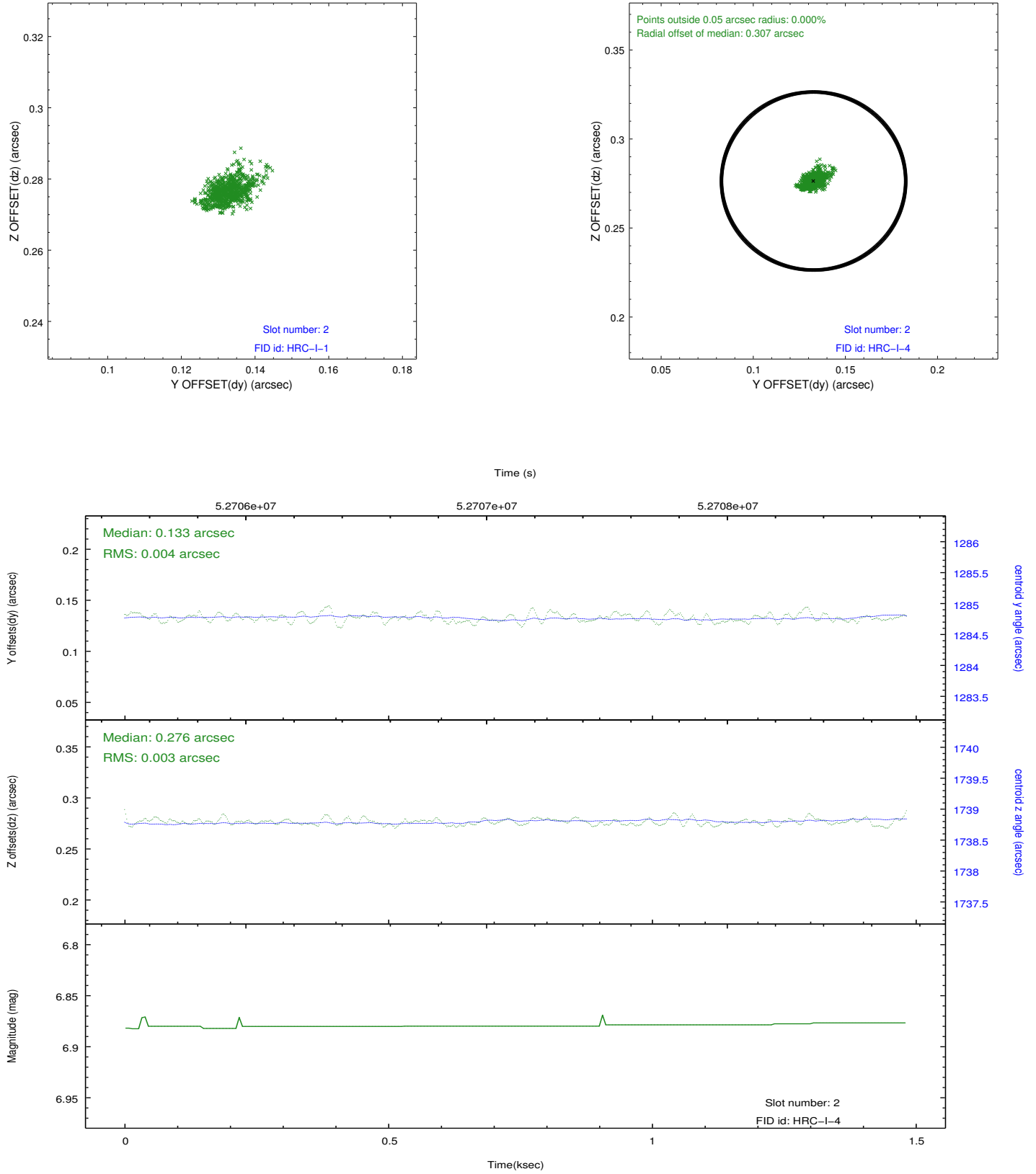
2.5.1 Slot 0



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. Target is very off-axis.