

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1121 - L2 Version 3

Chandra X-Ray Center

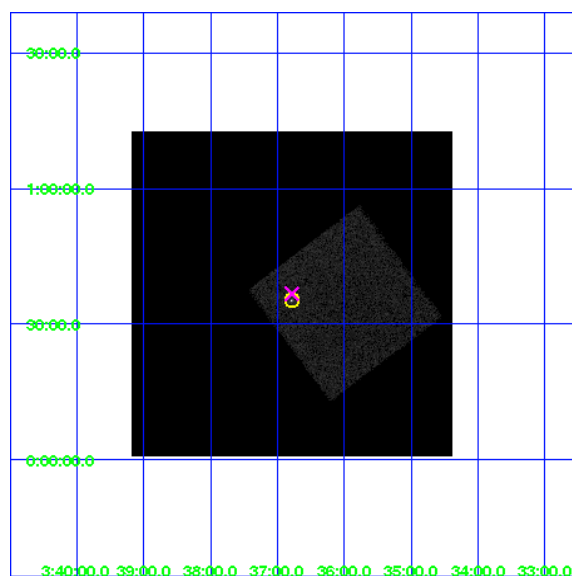
L2 Processing Date : Jan 12 2010

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1 Front

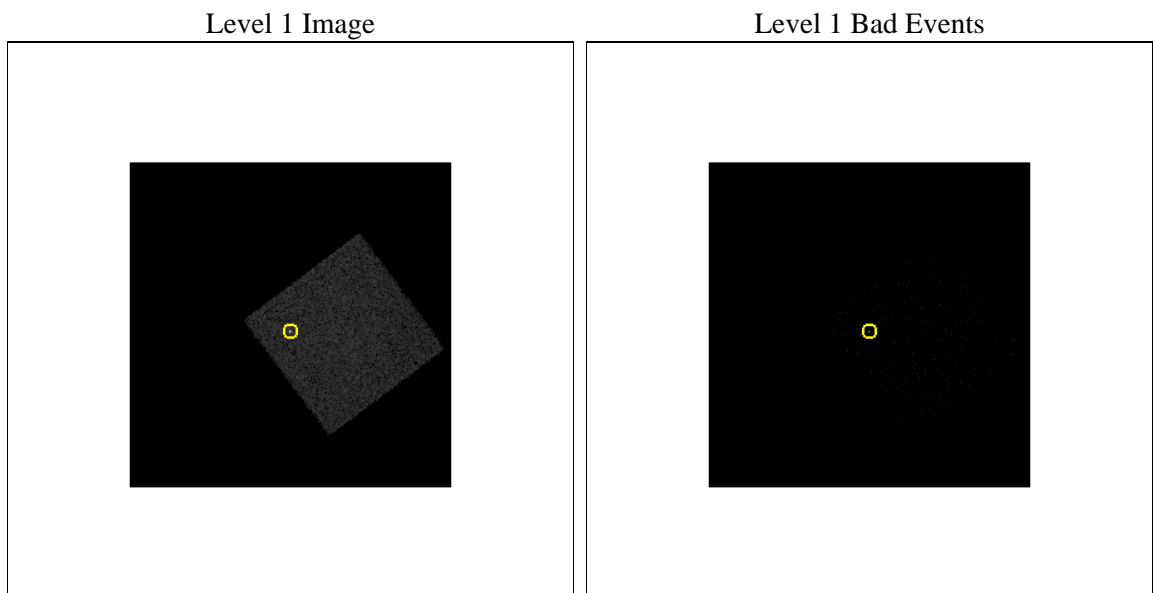
seq_num	280071	Sequence number
obs_id	1121	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.195873226849	Nominal RA
dec_nom	0.612141133017	Nominal Dec
roll_nom	98.230961972084	Nominal Roll
revision	3	Processing version of data
ontime	796.68127860874	[s]
livetime	789.83479702797	Ontime multiplied by DTCOR
l2events	36010	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	796.68127860874	[s]
caldbver	4.1.5	 	l1events	58988	Number of level 1 events
date	2010-01-12T20:58:38	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

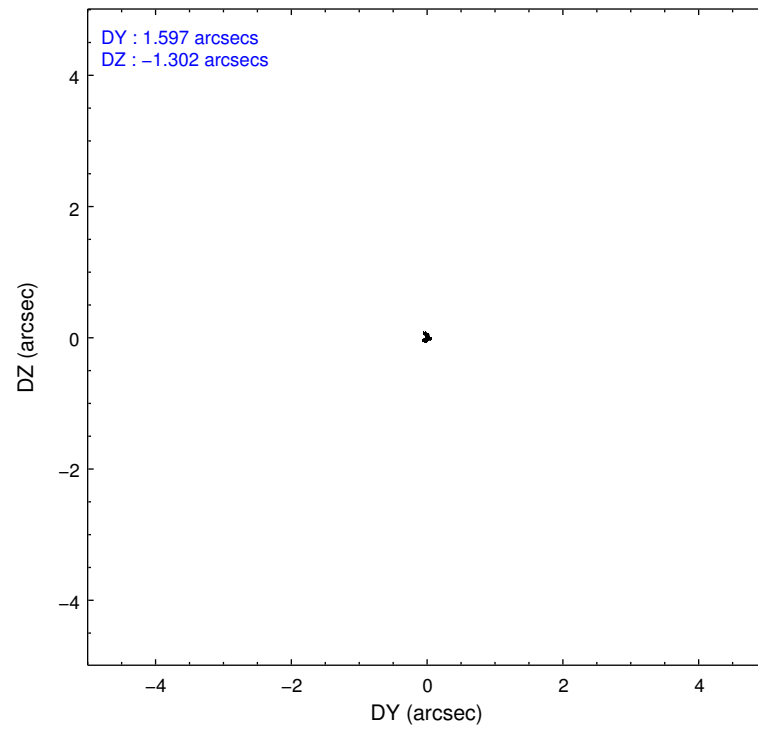
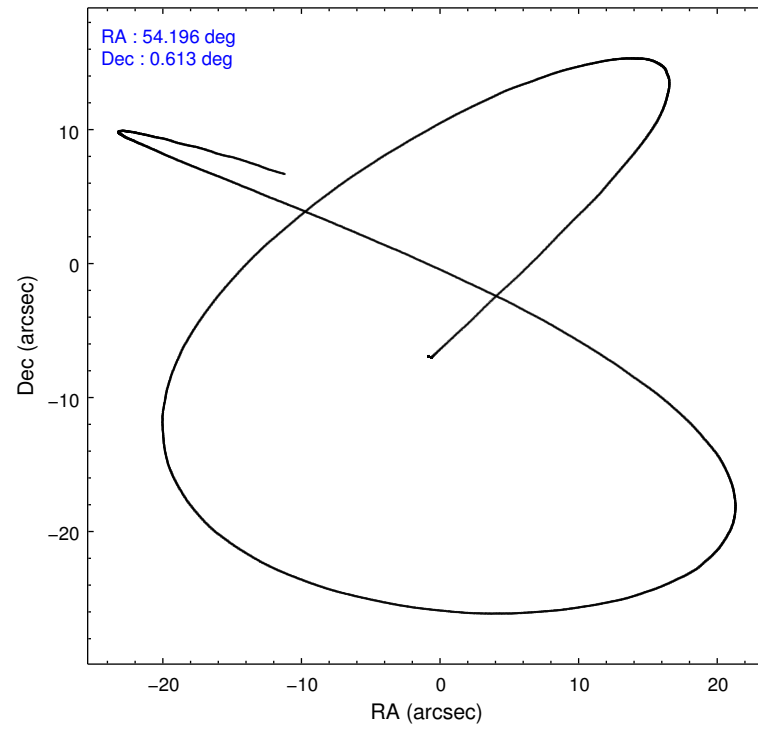
	segment 0
level 1 events	58988
rejected events	3543
rejected %	6%

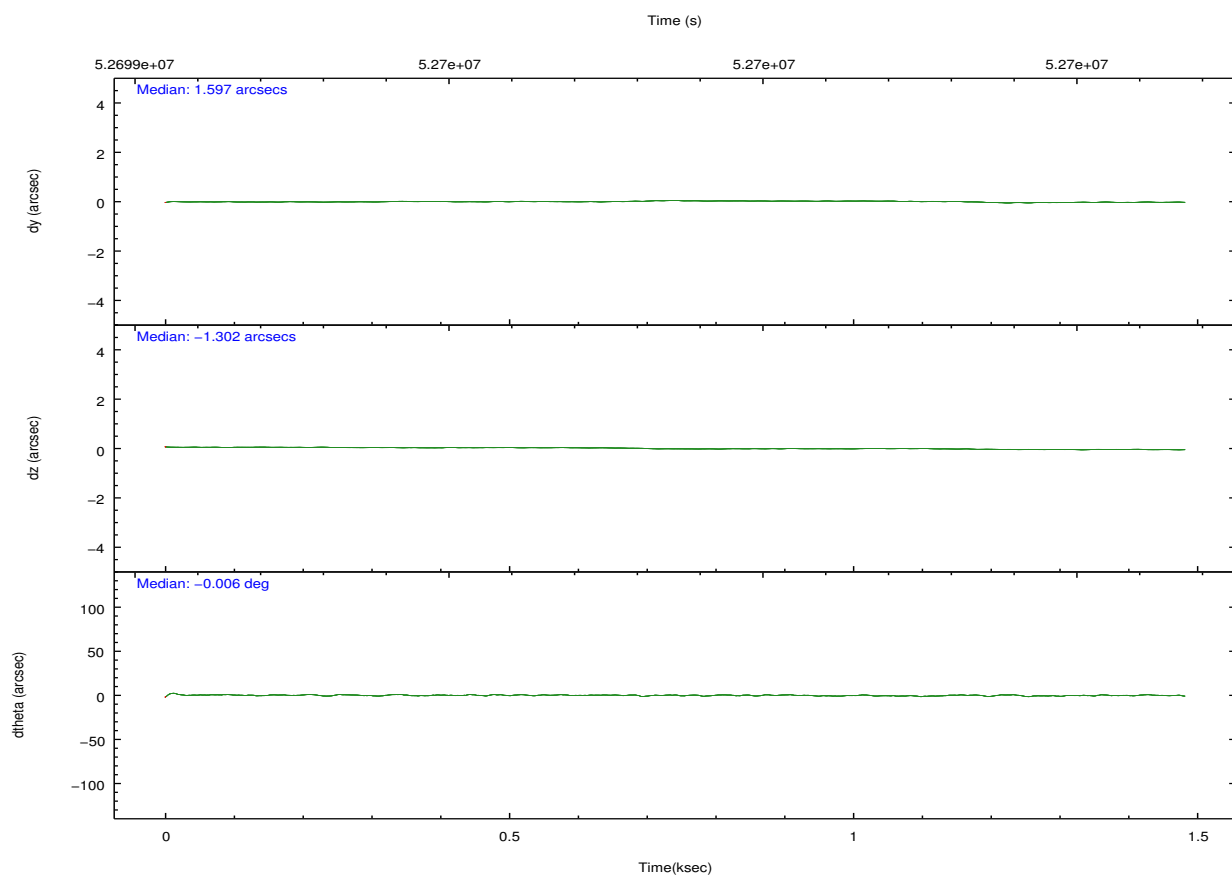
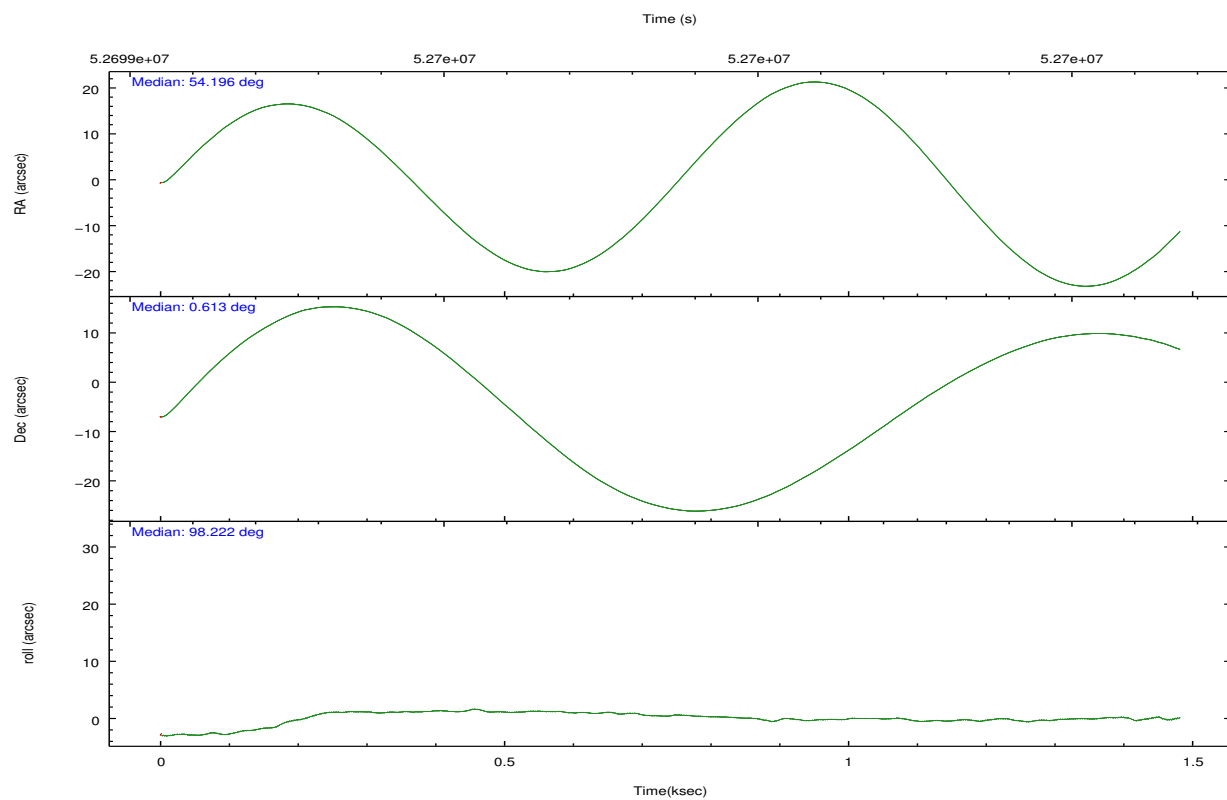
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.212975	54.19587322684908
Pointing Dec	0.589605	0.6121411330170042
Pointing Roll	98.326272	98.2309619720839
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	52699602.184000	52698935.518352
Observation start date	1999-09-02T22:45:38	1999-09-02T22:35:35
Observation end time	52700602.184000	52700735.418417
Observation end date	1999-09-02T23:02:18	1999-09-02T23:05:35

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

2.3 Aspect



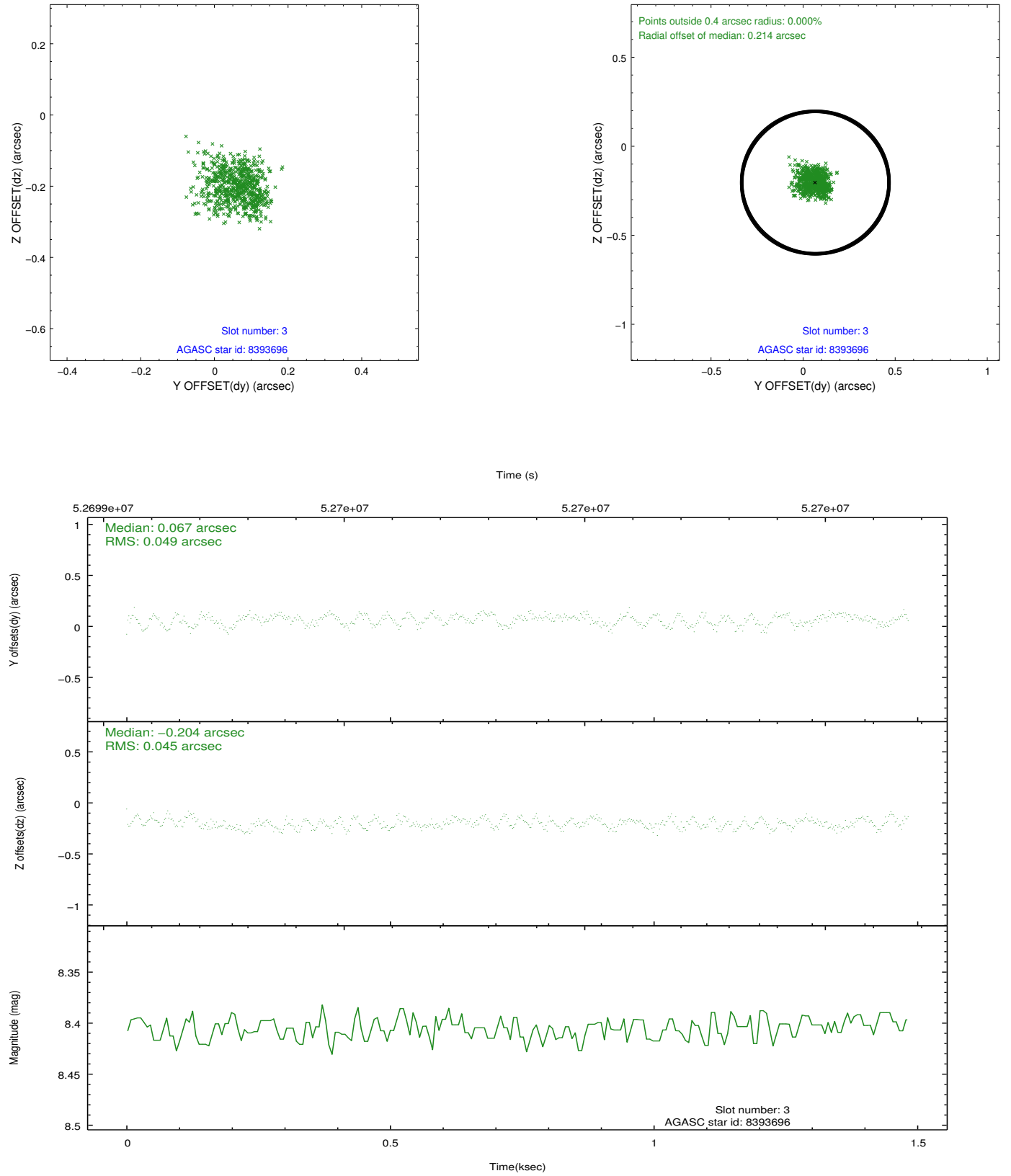


Slot Statistics

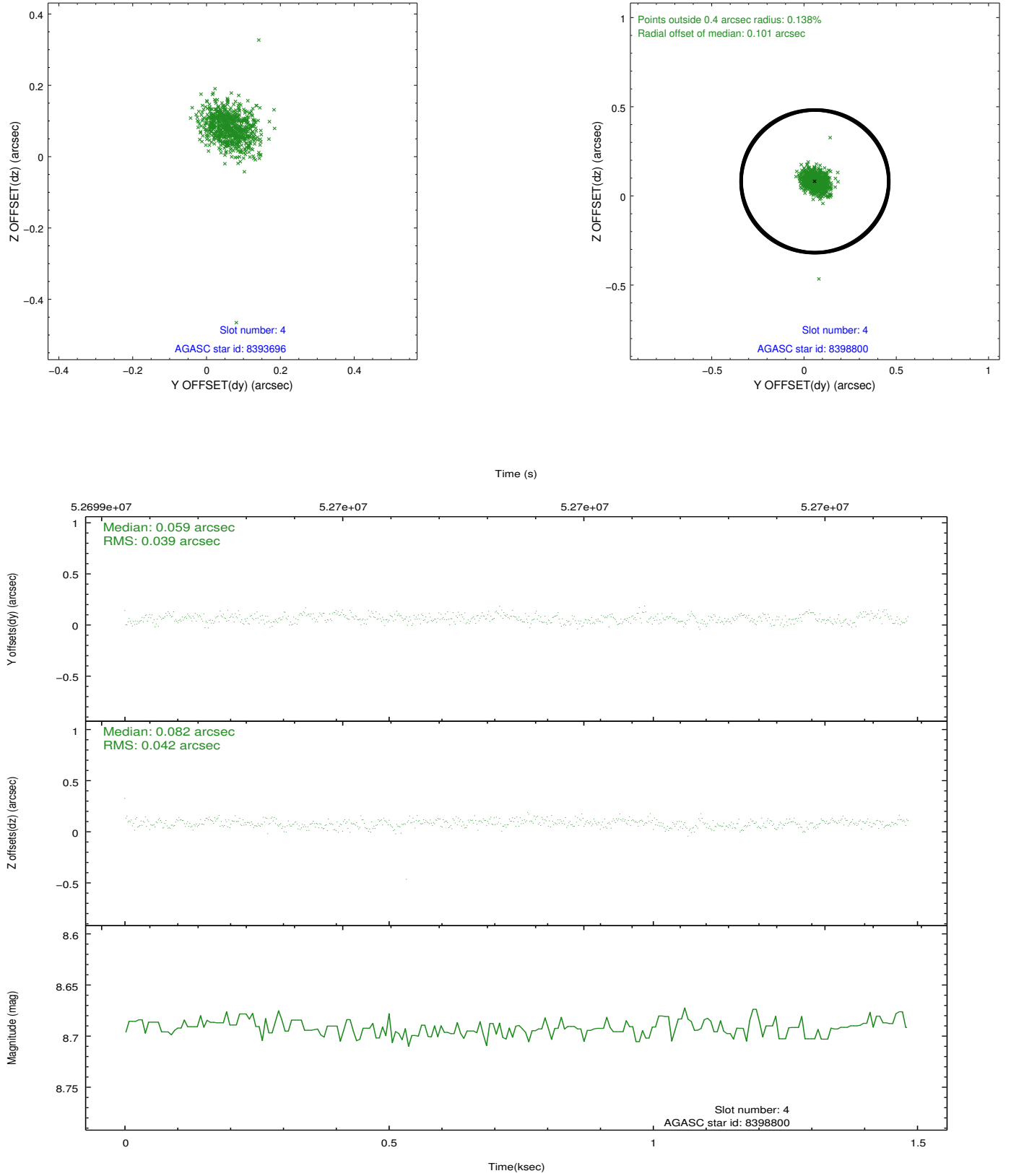
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	724	-0.269	-0.161	0.006	0.011	0.000000	0.000000	-755.75	-568.47
1	FID	HRC-I-3	7.02	724	0.248	-0.207	0.007	0.011	0.000000	0.000000	-1187.38	1738.90
2	FID	HRC-I-4	6.88	724	0.136	0.276	0.005	0.008	0.000000	0.000000	1283.13	1740.81
3	GUIDE	8393696	8.40	724	0.067	-0.204	0.071	0.115	53.645666	0.680479	615.57	1973.13
4	GUIDE	8398800	8.69	724	0.059	0.082	0.055	0.093	54.242352	0.922024	1166.00	-274.97
5	GUIDE	8390744	9.02	724	-0.042	-0.140	0.071	0.115	53.677290	0.926294	1476.23	1732.09
6	GUIDE	8395104	8.66	724	0.015	0.177	0.075	0.117	54.744893	0.796520	458.53	-1999.80
7	GUIDE	8397176	9.61	723	-0.101	0.079	0.121	0.181	54.271296	1.290456	2462.98	-575.39

2.4 Star Slots

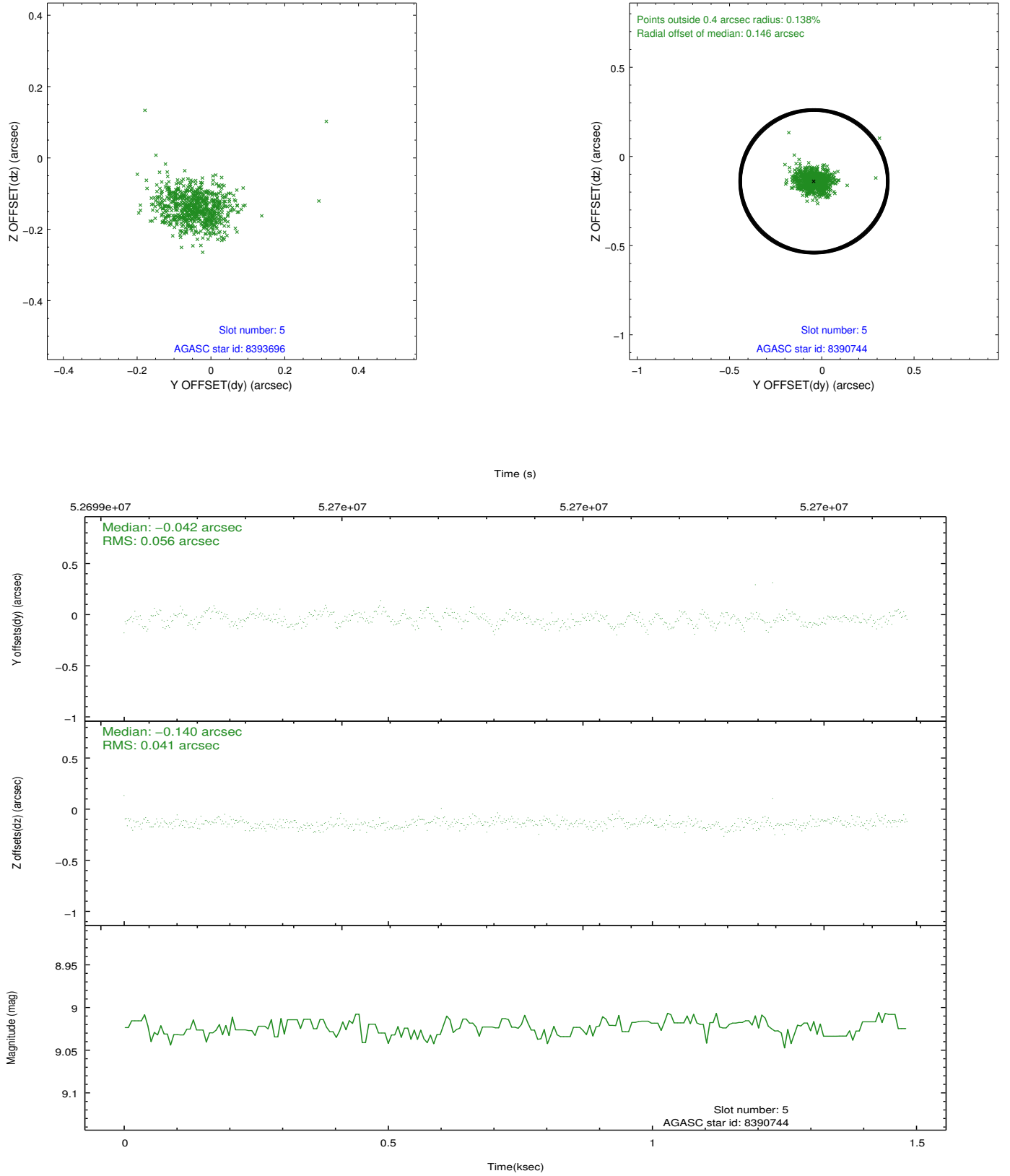
2.4.1 Slot 3



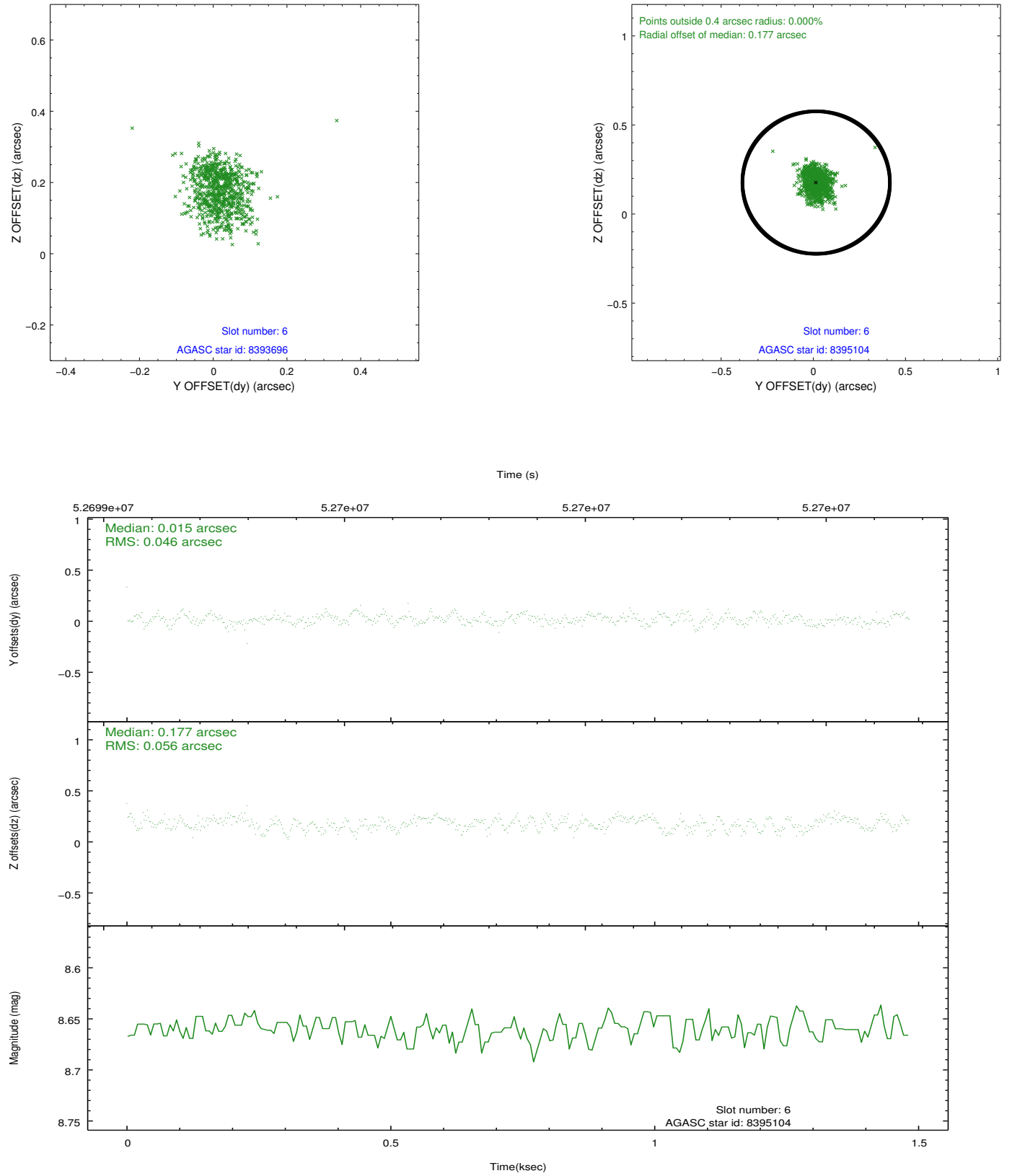
2.4.2 Slot 4



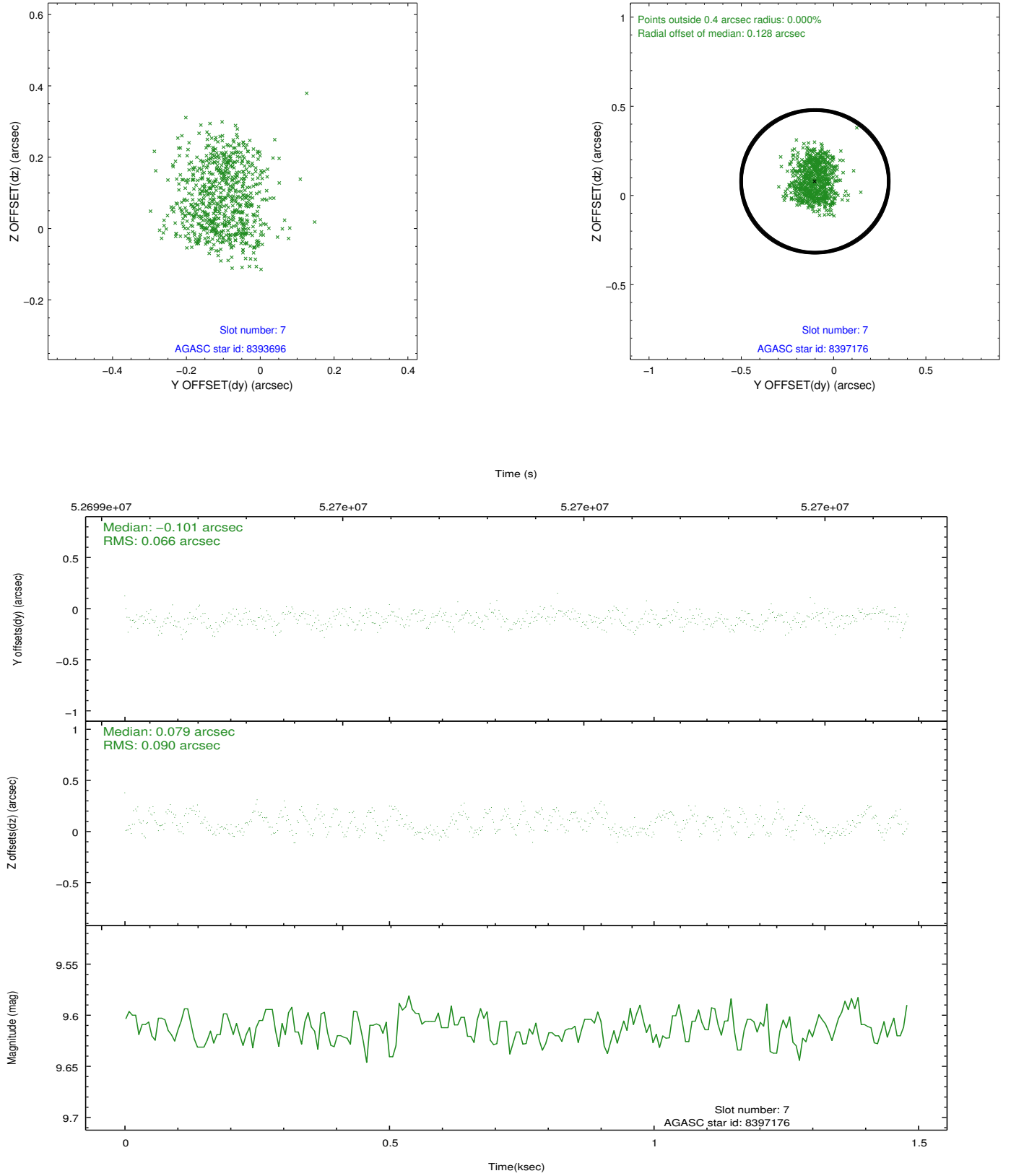
2.4.3 Slot 5



2.4.4 Slot 6

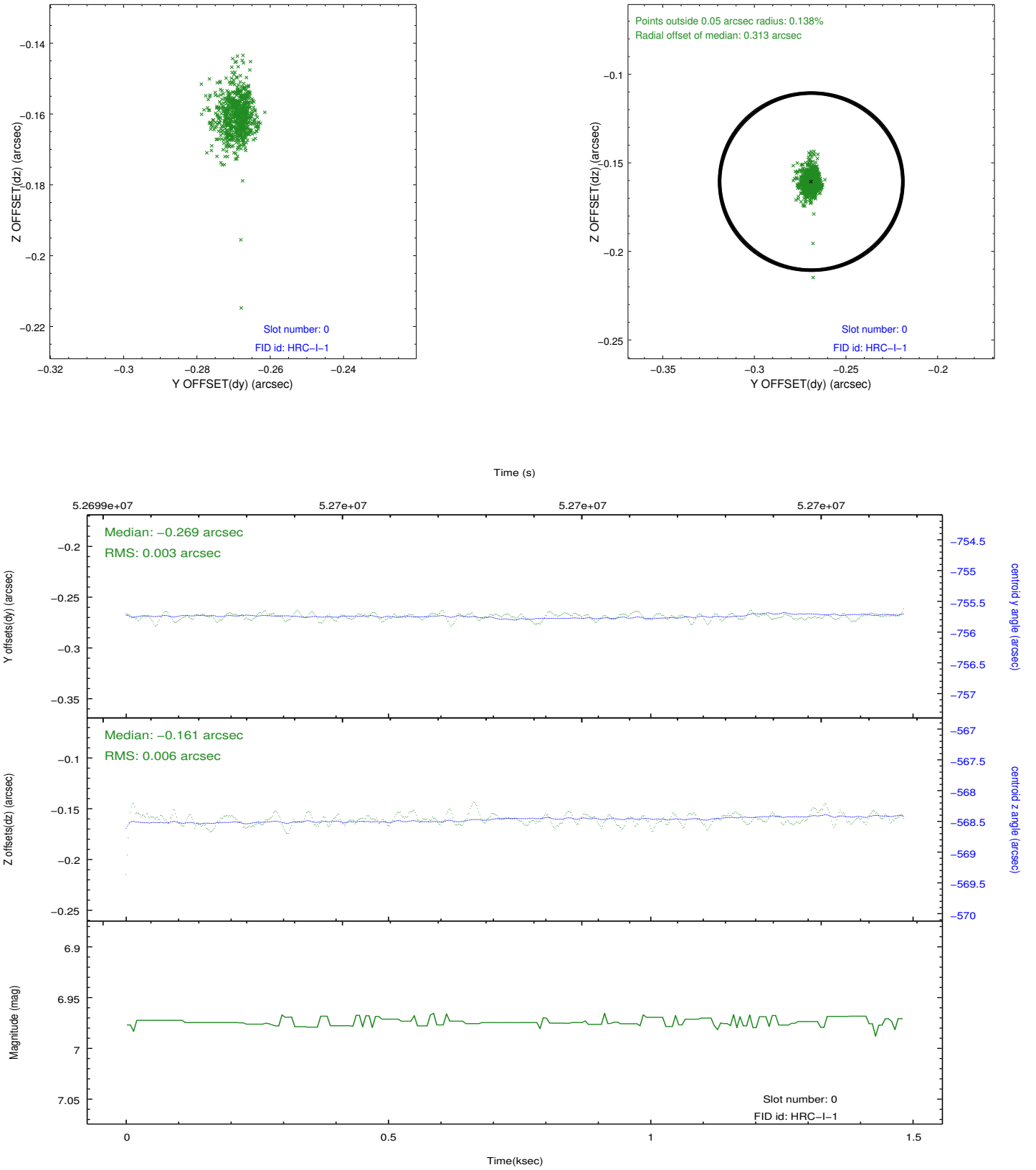


2.4.5 Slot 7

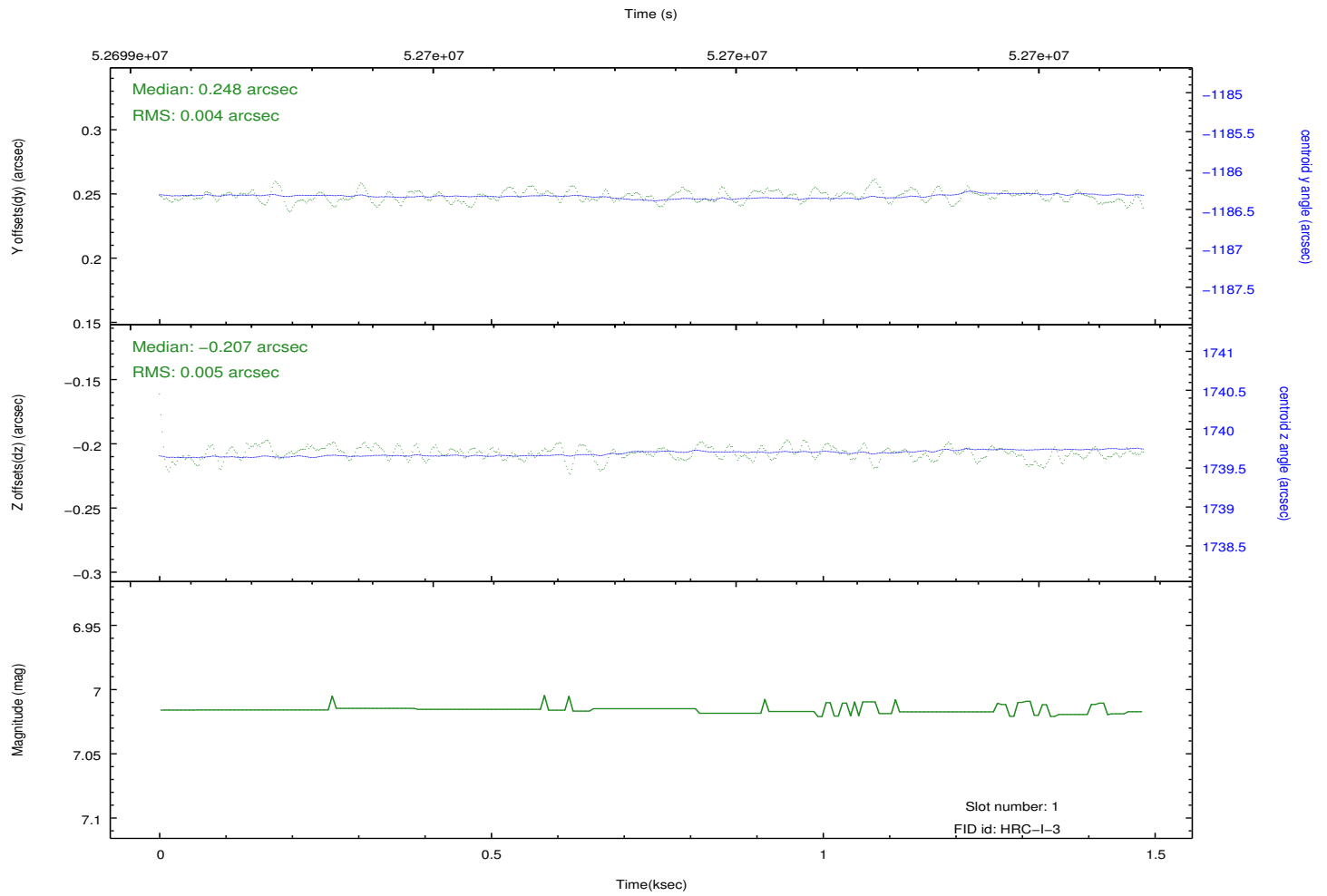
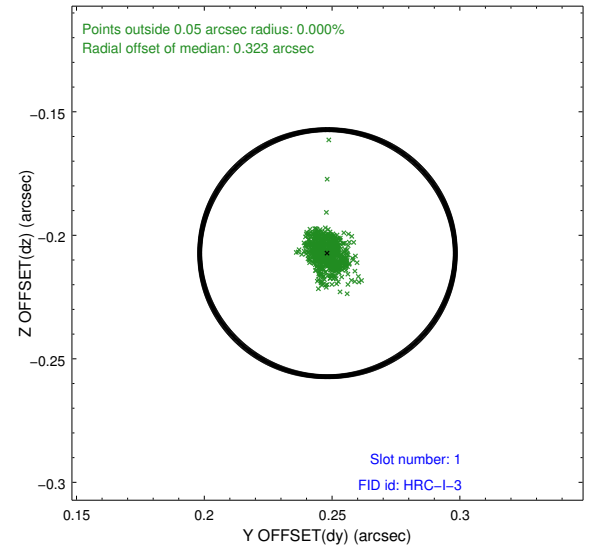
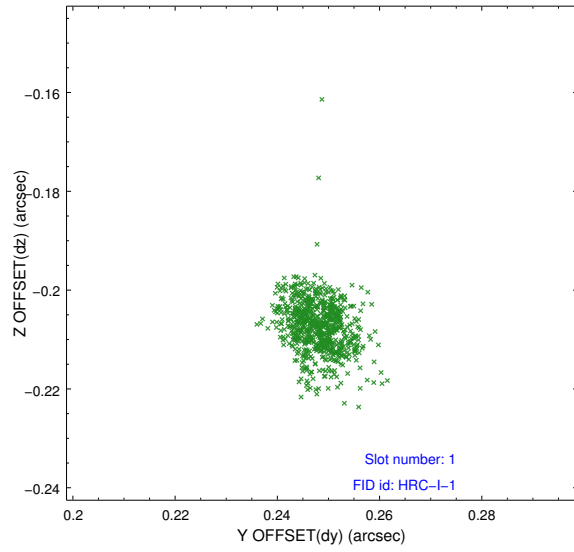


2.5 FID Slots

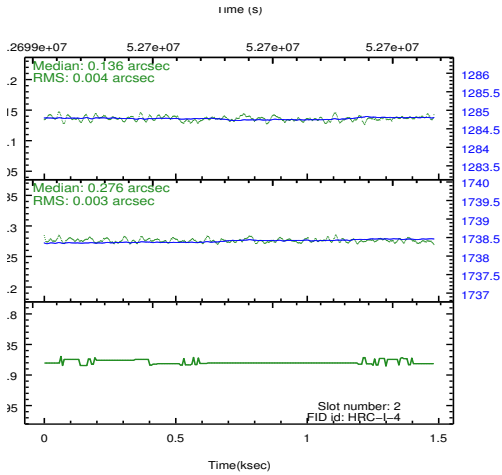
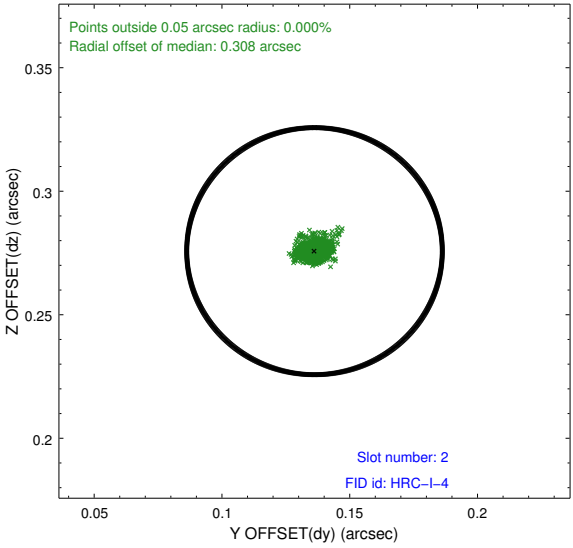
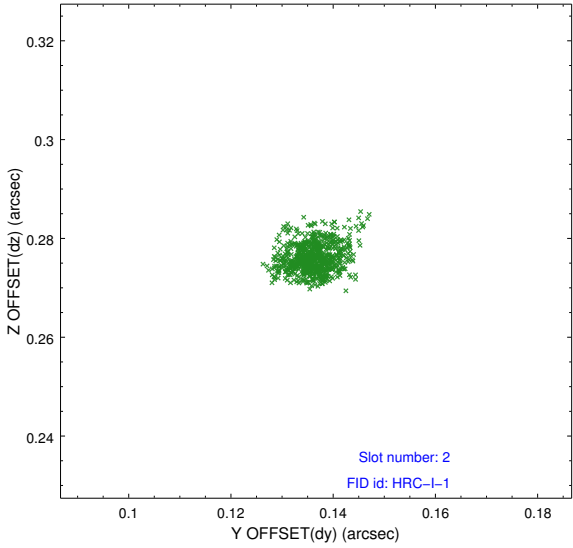
2.5.1 Slot 0



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)	2010.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.796

A.2 Comments

HRC optical axis determination. Target is very off-axis.

All three fids have a radial offset limit violation.