

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1214 - L2 Version 4

Chandra X-Ray Center

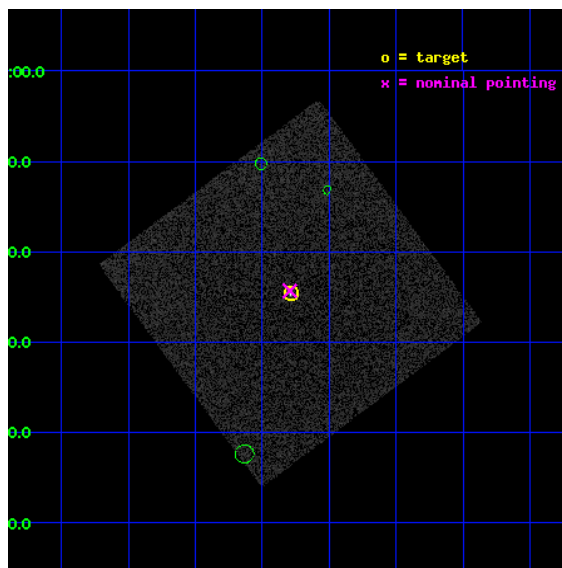
L2 Processing Date : Jul 9 2010

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1 Front

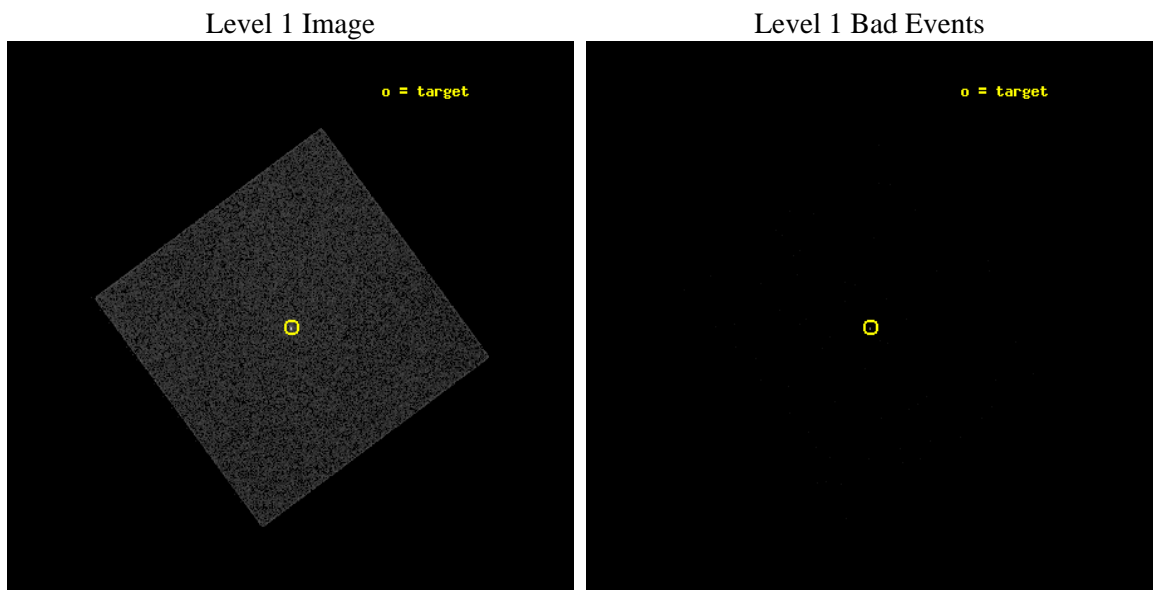
seq_num	280164	Sequence number
obs_id	1214	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.198398184063	Nominal RA
dec_nom	0.59458779335157	Nominal Dec
roll_nom	98.43617050799	Nominal Roll
revision	4	Processing version of data
ontime	1673.0563100874	[s]
livetime	1660.1648707424	Ontime multiplied by DTCOR
l2events	56947	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	2000.000000	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	1673.0563100874	[s]
caldbver	4.1.5	 	l1events	97992	Number of level 1 events
date	2010-01-12T19:57:03	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

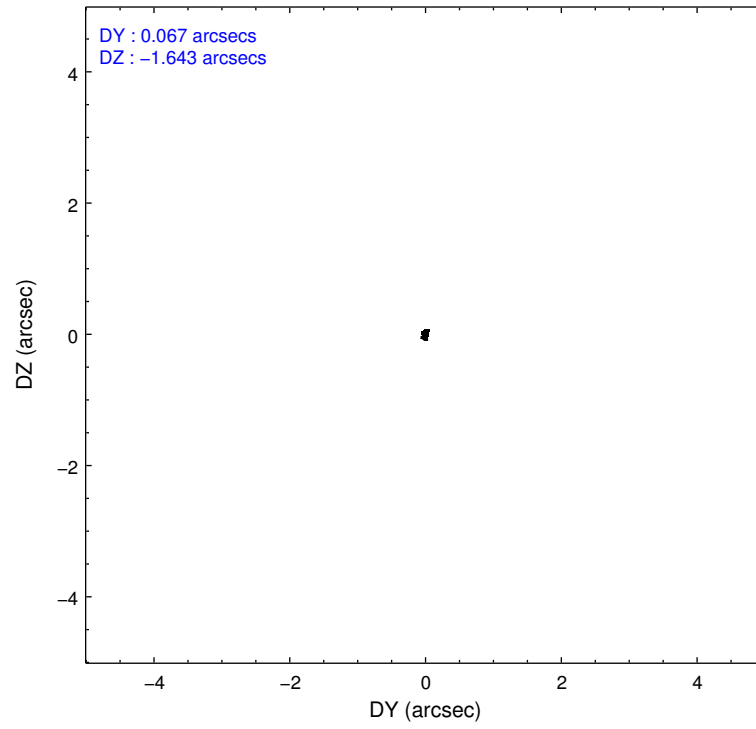
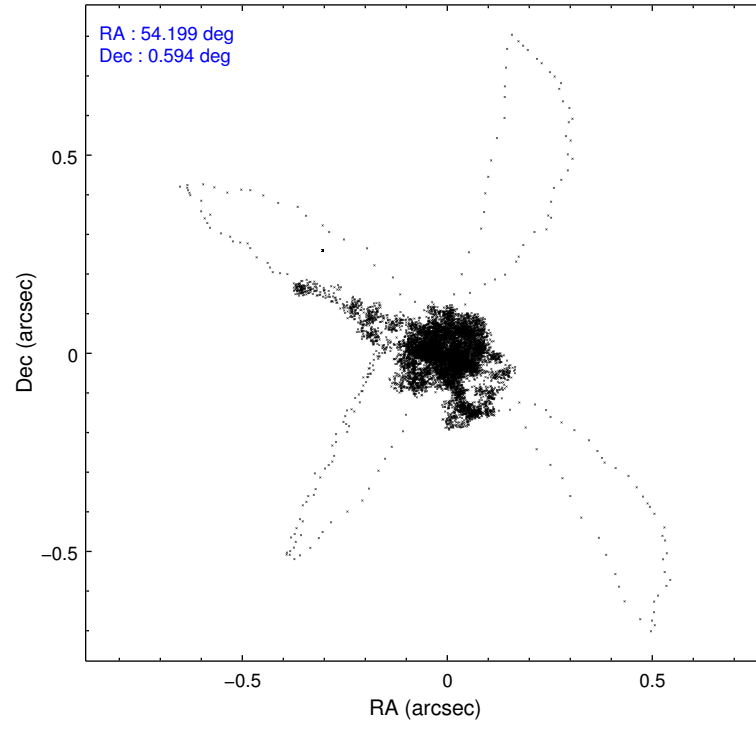
	segment 0
level 1 events	97992
rejected events	2819
rejected %	2%

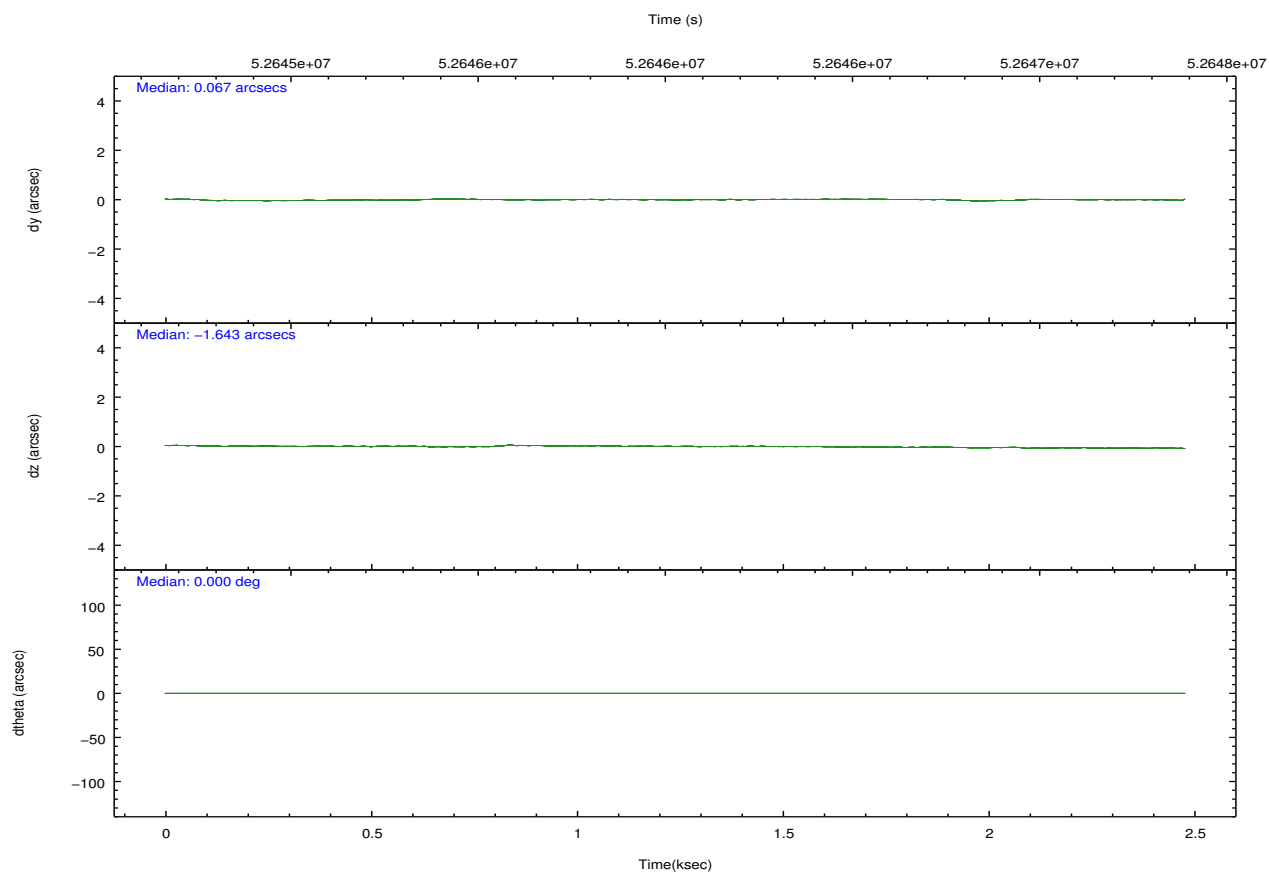
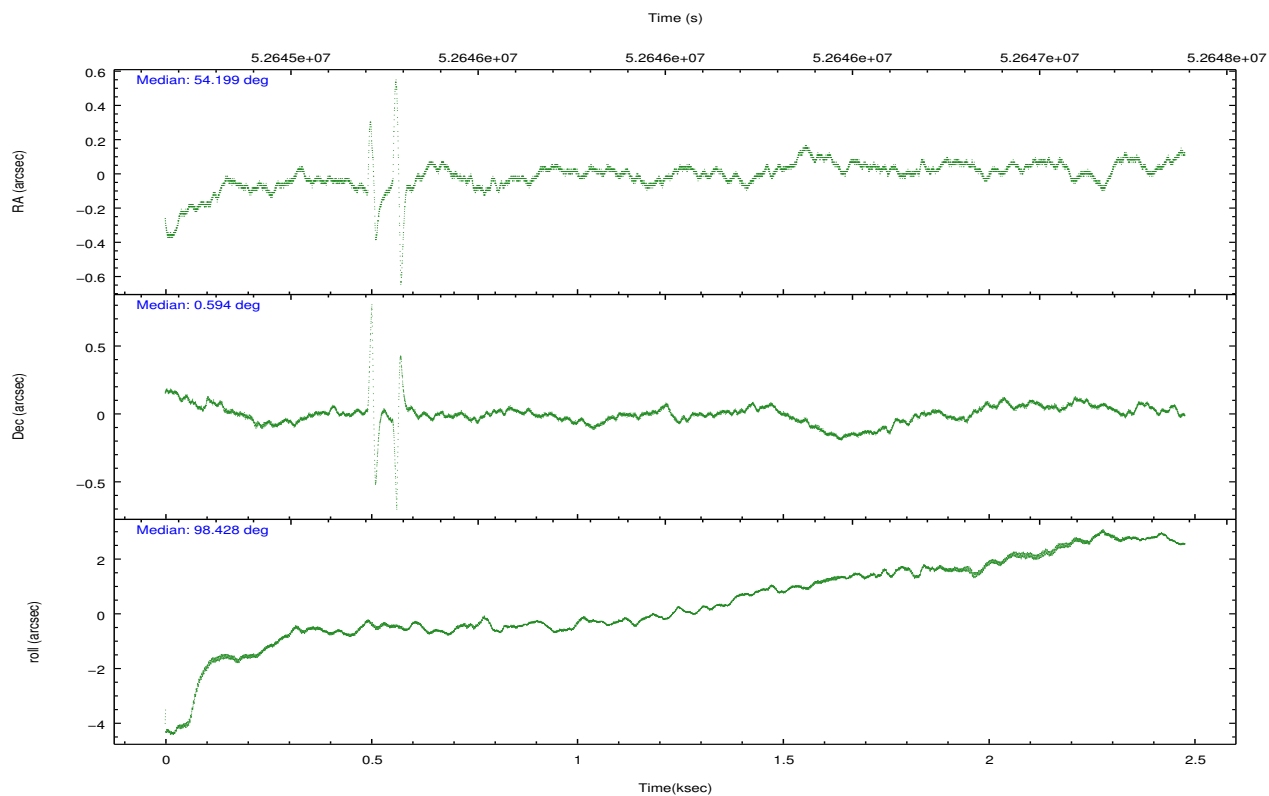
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.215442	54.19839818406313
Pointing Dec	0.573174	0.5945877933515693
Pointing Roll	98.531485	98.43617050799011
SIM focus pos (mm)	-1.040293	-1.016036269358593
SIM defocus (mm)	0	0.02425635130028114
SIM translation stage pos (mm)	126.985494	126.9829799899862
SIM translation stage offset (mm)	0	0.002508901615314585
Observation start time	52645264.184000	52644597.191401
Observation start date	1999-09-02T07:40:00	1999-09-02T07:29:57
Observation end time	52647264.184000	52647433.879003
Observation end date	1999-09-02T08:13:20	1999-09-02T08:17:13

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

2.3 Aspect



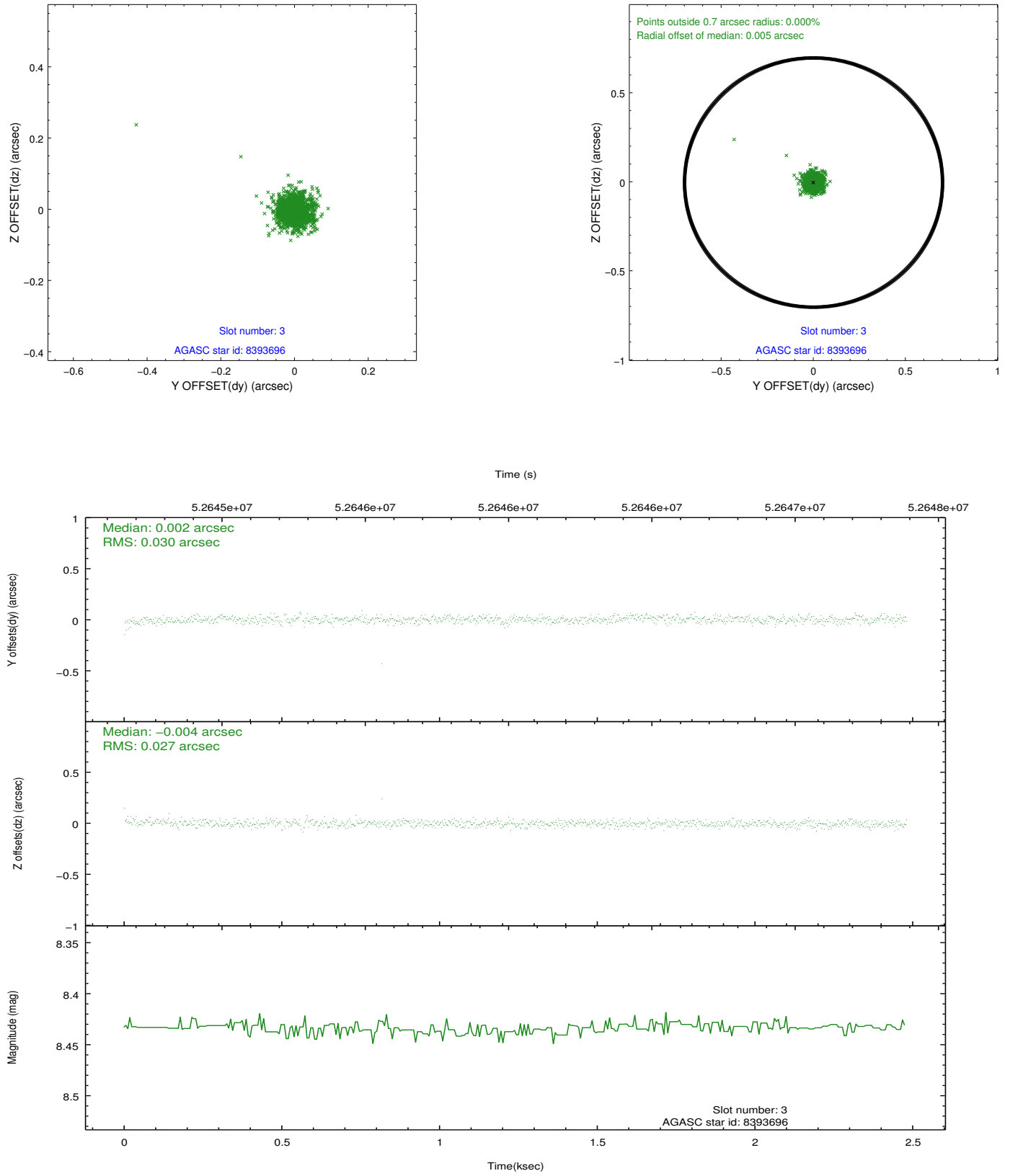


Slot Statistics

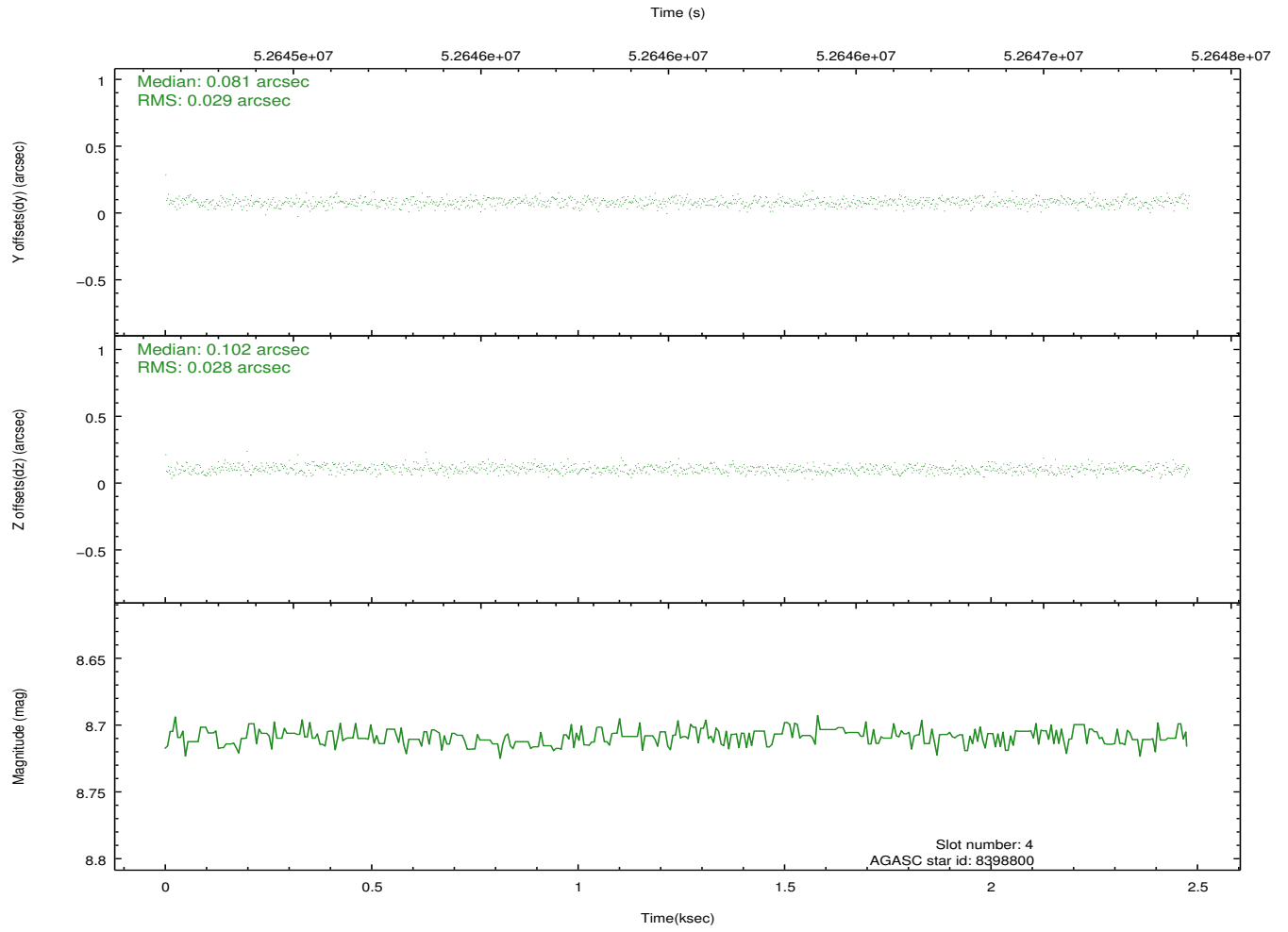
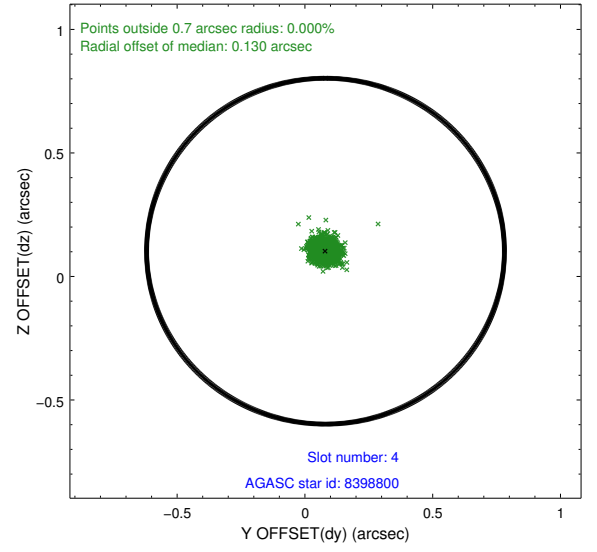
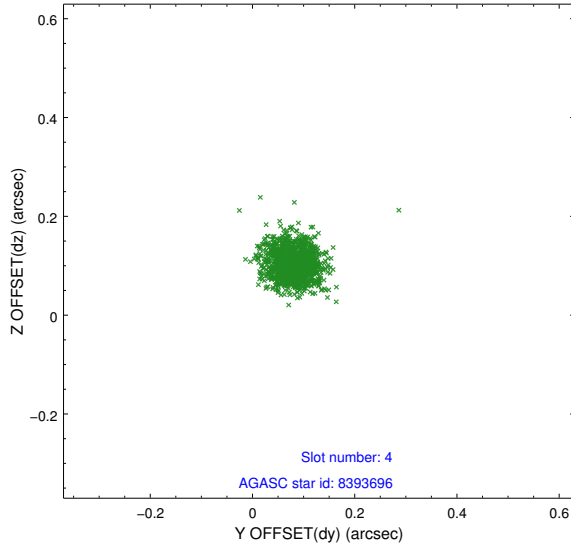
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
1	FID	HRC-I-3	7.04	1205	0.040	-0.027	0.000	0.000	0.000000	0.000000	-1184.05	1018.41
2	BAD	HRC-I-4	6.99	249	0.033	-0.345	0.011	0.018	0.000000	0.000000	1282.49	1020.13
3	GUIDE	8393696	8.43	1206	0.002	-0.004	0.040	0.063	53.645666	0.680479	686.64	1971.47
4	GUIDE	8398800	8.71	1207	0.081	0.102	0.043	0.069	54.242352	0.922024	1228.77	-279.86
5	GUIDE	8390744	9.01	1204	-0.009	-0.127	0.048	0.082	53.677290	0.926294	1545.93	1727.30
6	GUIDE	8395104	8.66	1207	0.063	0.126	0.041	0.069	54.744893	0.796520	514.66	-2002.08
7	GUIDE	8399352	9.93	1205	-0.130	-0.100	0.082	0.139	53.946831	1.204693	2392.48	617.78

2.4 Star Slots

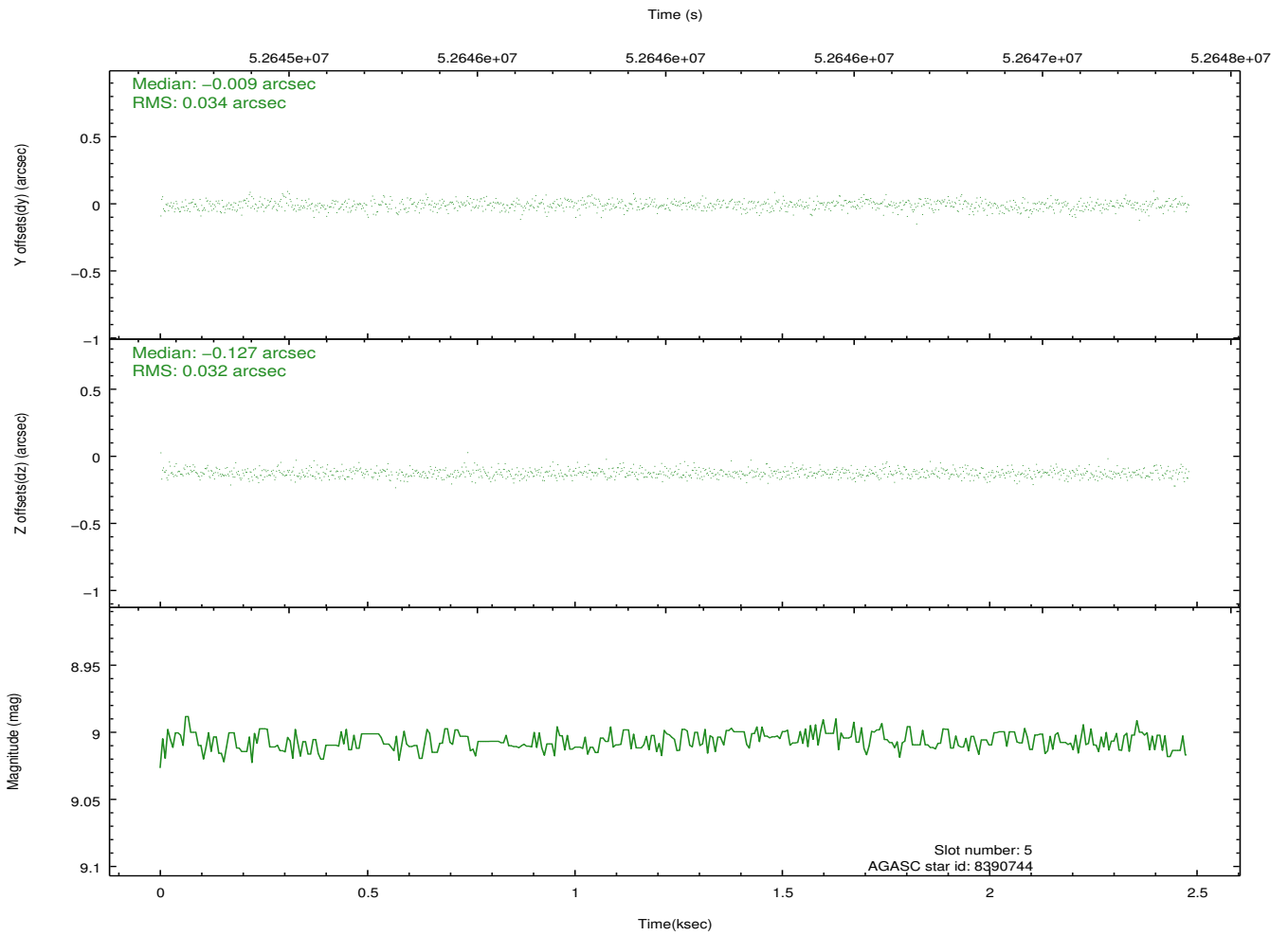
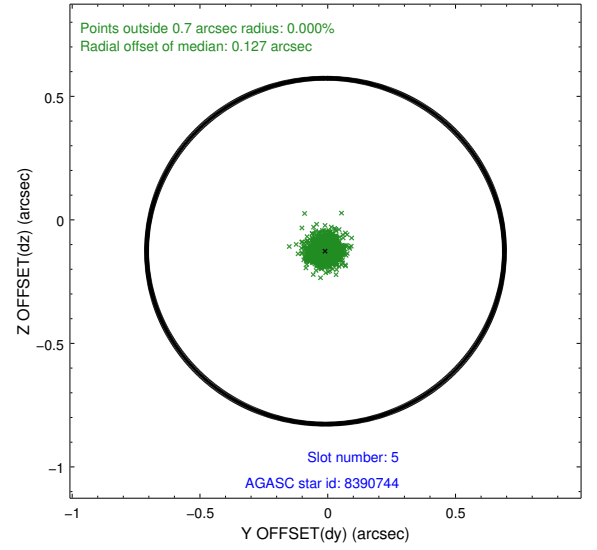
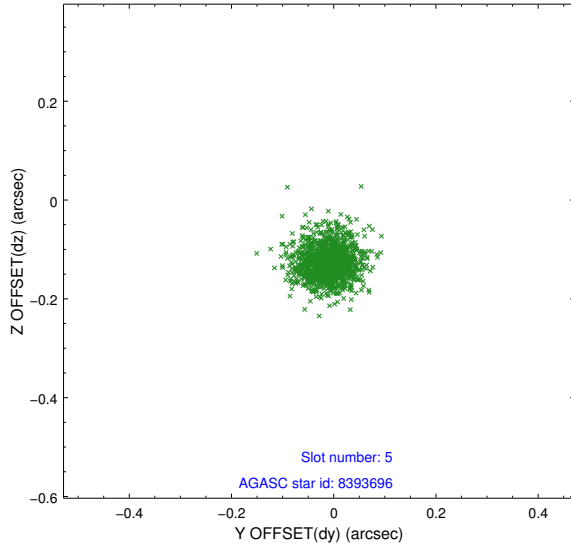
2.4.1 Slot 3



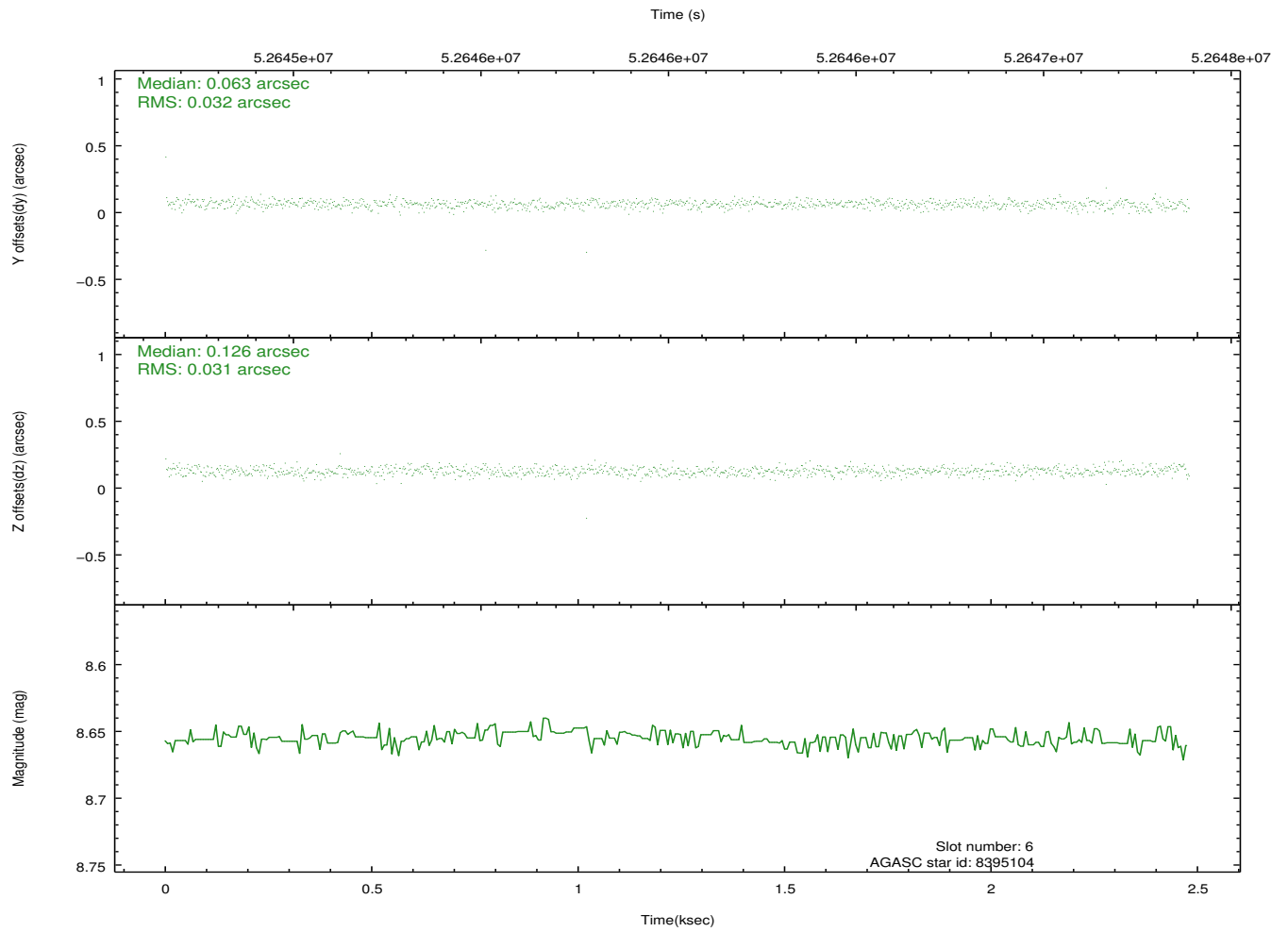
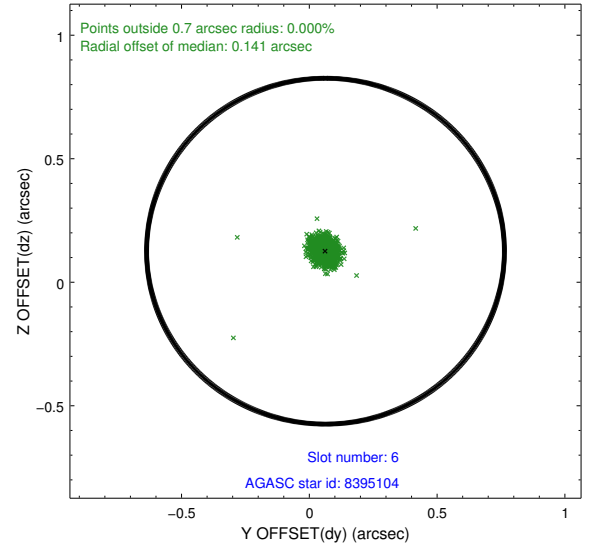
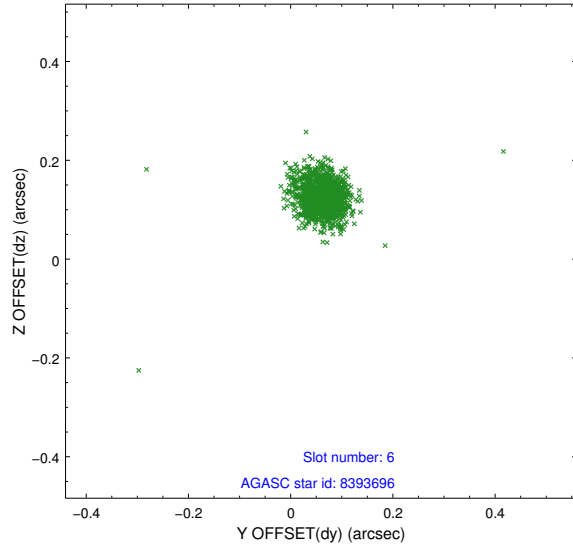
2.4.2 Slot 4



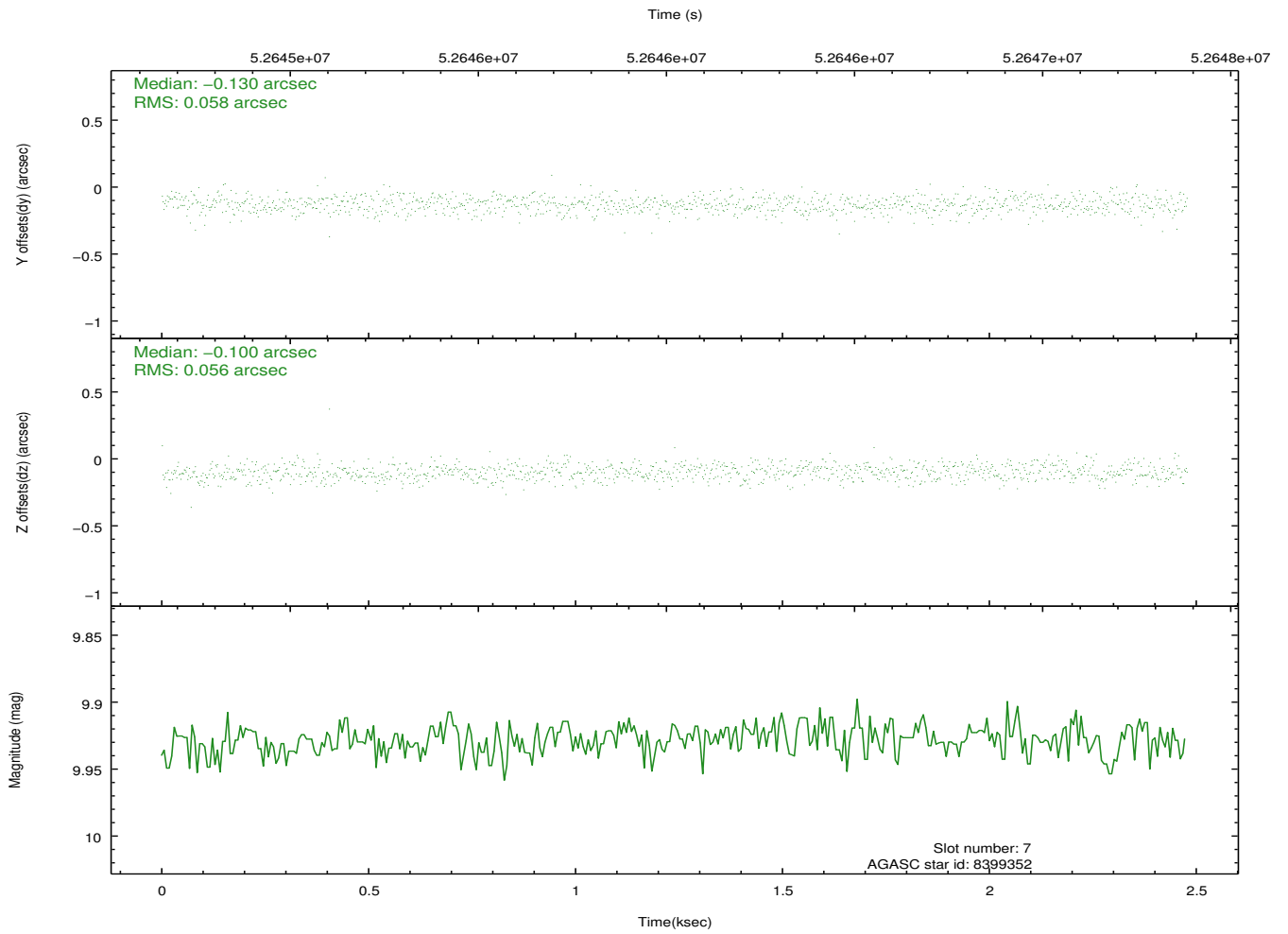
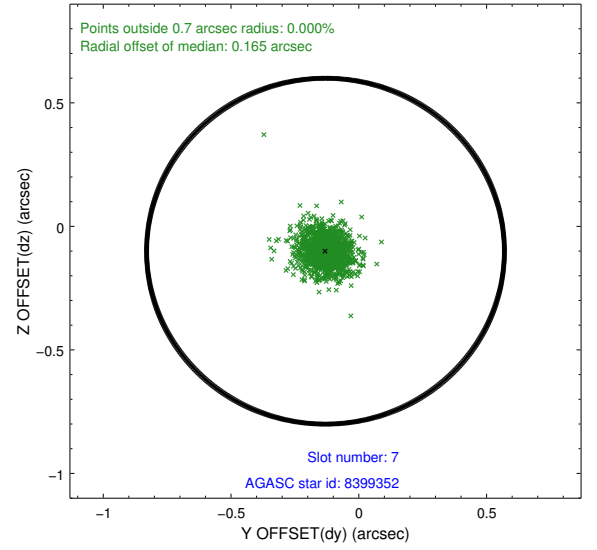
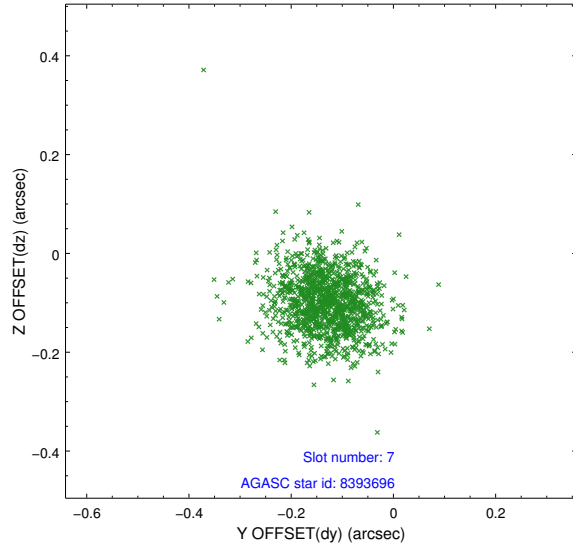
2.4.3 Slot 5



2.4.4 Slot 6

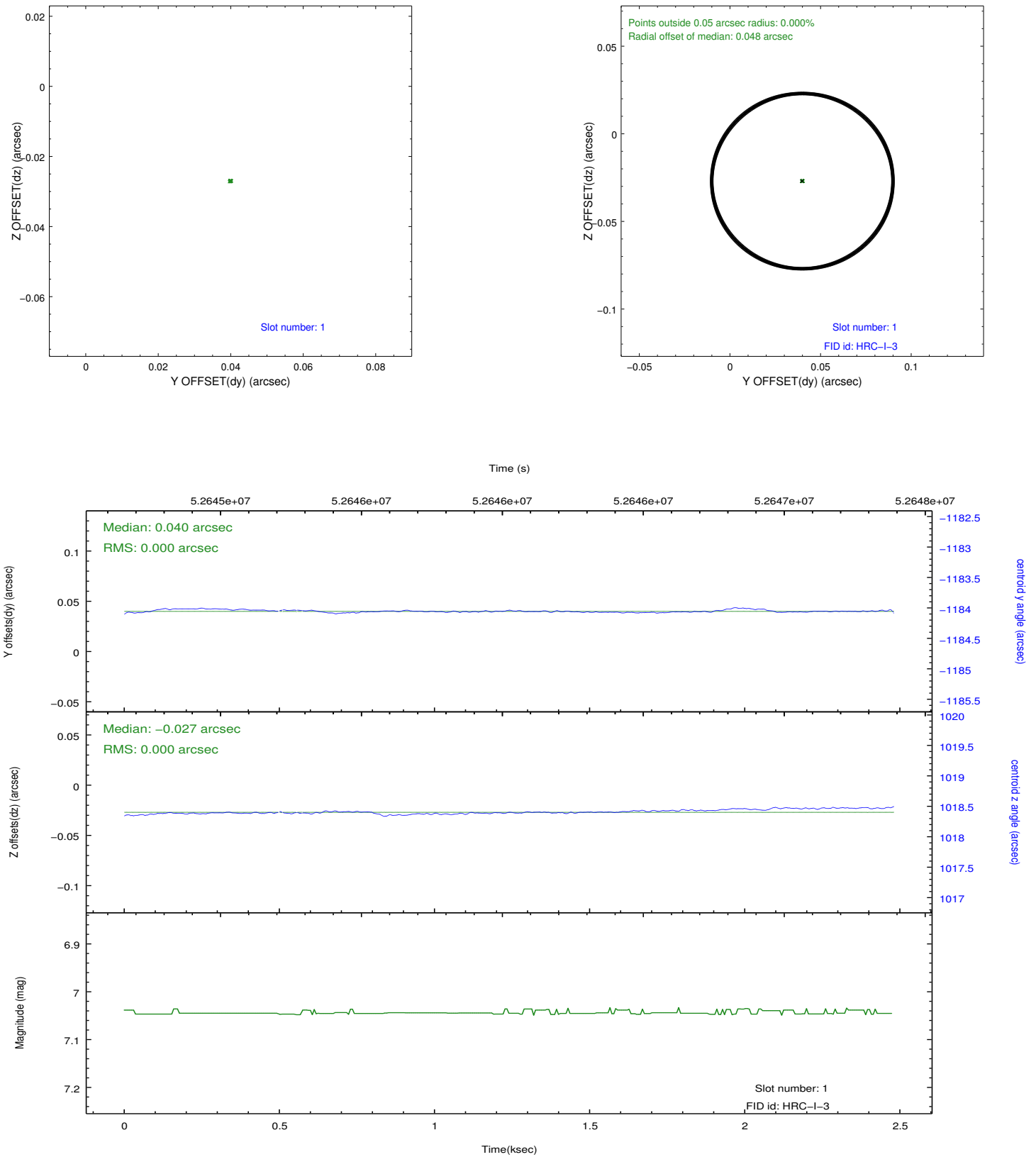


2.4.5 Slot 7

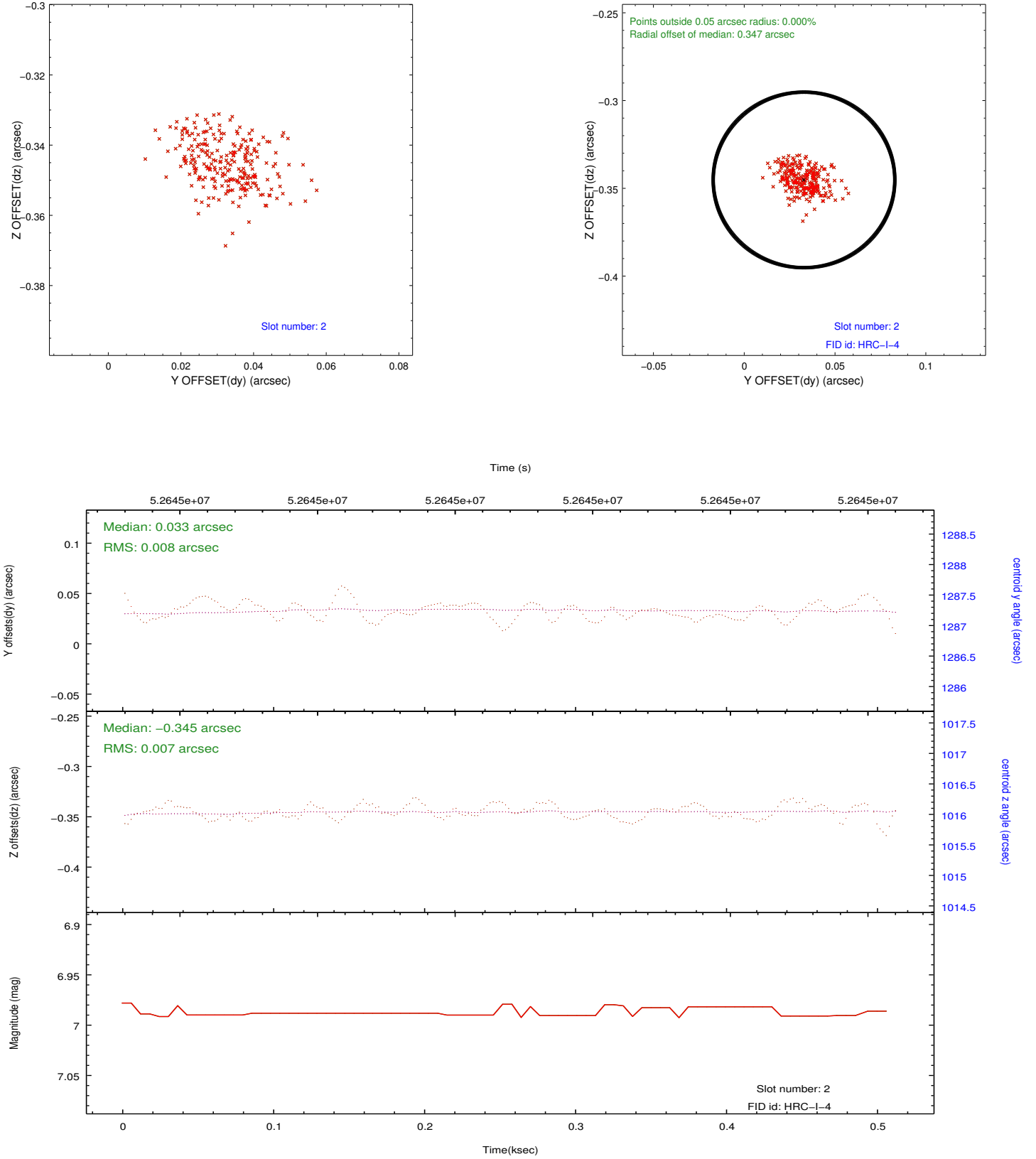


2.5 FID Slots

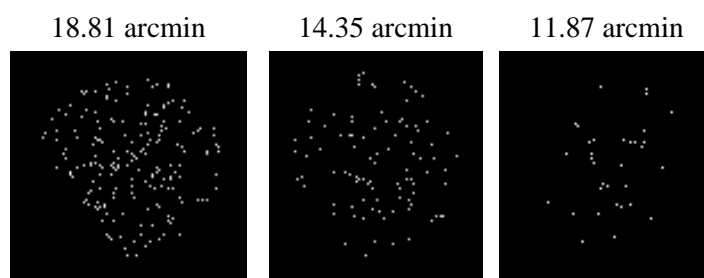
2.5.1 Slot 1



2.5.2 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.673

A.2 Comments

Target very slightly off-axis. Dither is disabled.

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Two of the 3 fid lights were occulted by the HRC shutter, which was partially closed for this observation. Since the shutter was partially closed, the flux calibration may be compromised.