

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9715 - L2 Version 4
Chandra X-Ray Center

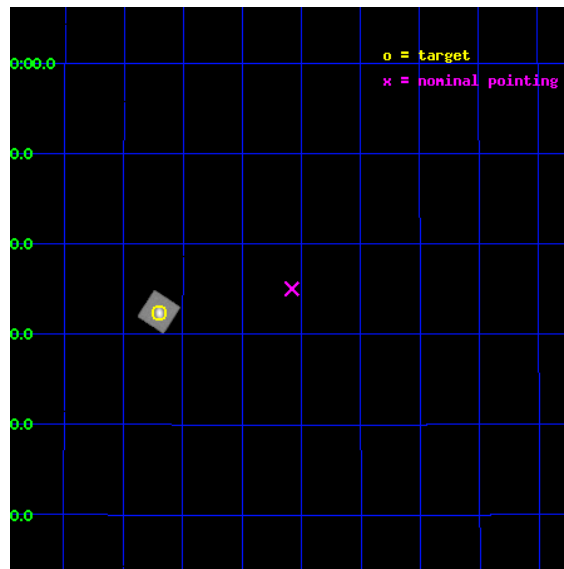
L2 Processing Date : Aug 12 2012

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1 Front

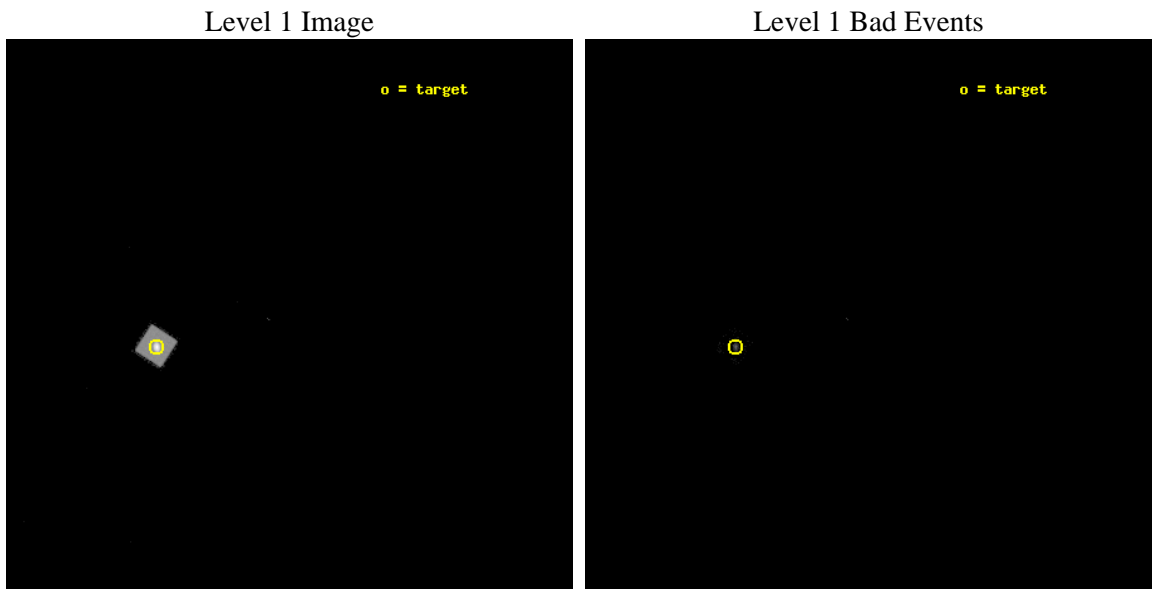
seq_num	990011	Sequence number
obs_id	9715	Observation id
title	AO9 Calibration Observations of the ACIS charged particle background	
observer	Dr. CXC Calibration	Principal investigator
object	31 Com	Source name
ra_targ	192.924583	Observer's specified target RA [deg]
dec_targ	27.540722	Observer's specified target Dec [deg]
ra_nom	192.64493639498	Nominal RA [deg]
dec_nom	27.584336467066	Nominal Dec [deg]
roll_nom	258.03392994716	Nominal Roll [deg]
revision	4	Processing version of data
ontime	51036.802501976	[s]
livetime	44672.046408953	Ontime multiplied by DTCOR
l2events	92376	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	51395.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	51069.602501988	[s]
caldbver	4.5.1.1	 	l1events	108820	Number of level 1 events
date	2012-08-12T15:47:29	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

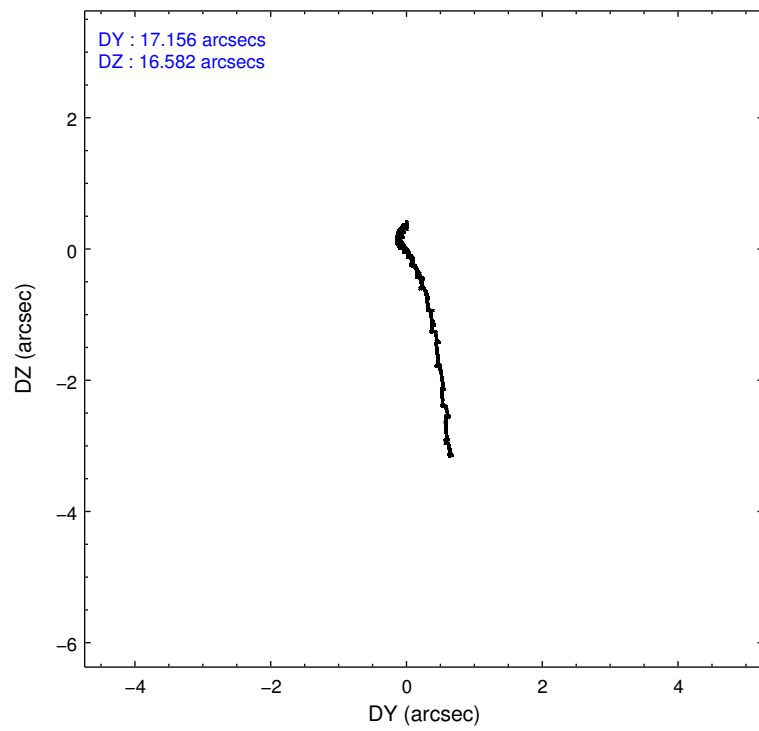
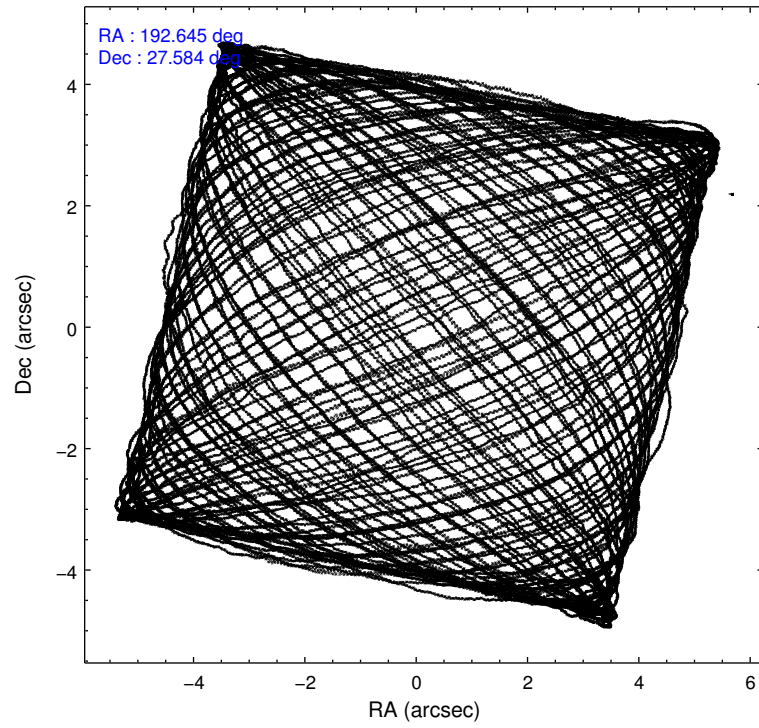
Level 1 Events

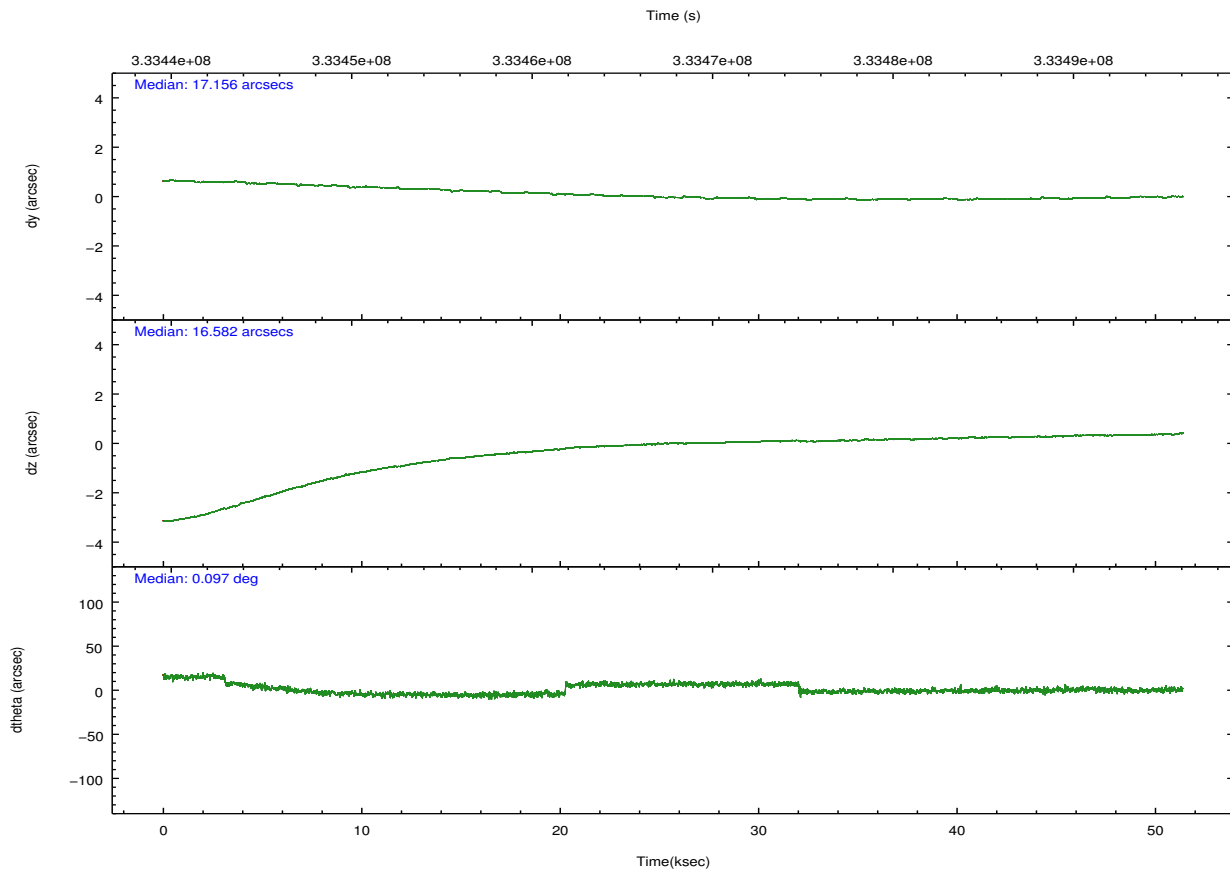
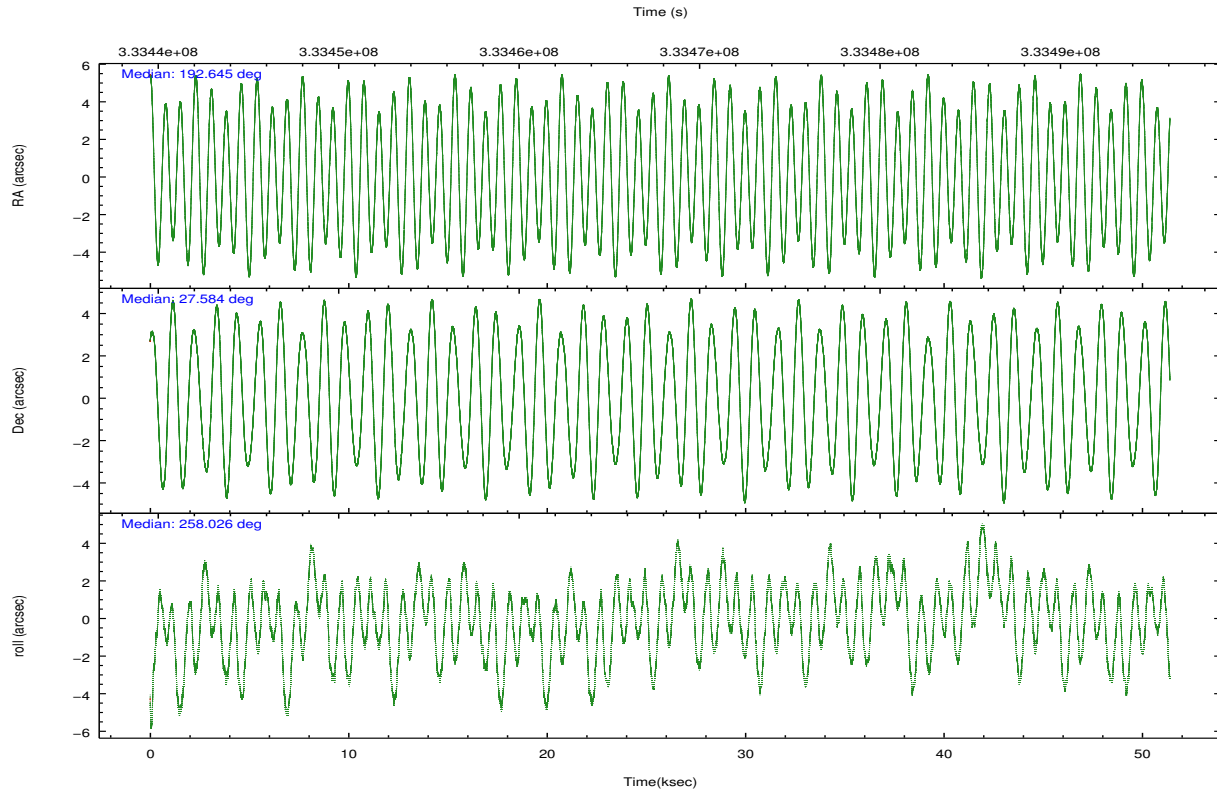
	segment 0
level 1 events	108820
rejected events	611
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	NEXT_IN_LINE	NEXT_IN_LINE			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	192.6449364261516	192.6449363949764			
[deg] Pointing Dec	27.58433647663792	27.58433646706622			
[deg] Pointing Roll	258.0339299277319	258.0339299471591			
[s] Window start time (MET)	325987265.184000	325987265.184000			
[s] Window stop time (MET)	333849665.184000	333849665.184000			
[mm] SIM focus pos	-1.038866356238299	-1.038866356238299			
[mm] SIM defocus	0.00142623211714632	0.00142623211714632			
[mm] SIM translation stage pos	51.9960404362608	51.9960404362608			
[mm] SIM translation stage offset	74.989453869027	74.989453869027			
[s] Observation start time (MET)	333442100.184	333442100.184			
Observation start date	2008-07-26T06:47:15	2008-07-26T06:48:20			
[s] Observation end time (MET)	333493495.184	333493495.184			
Observation end date	2008-07-26T21:03:50	2008-07-26T21:04:55			

2.3 Aspect



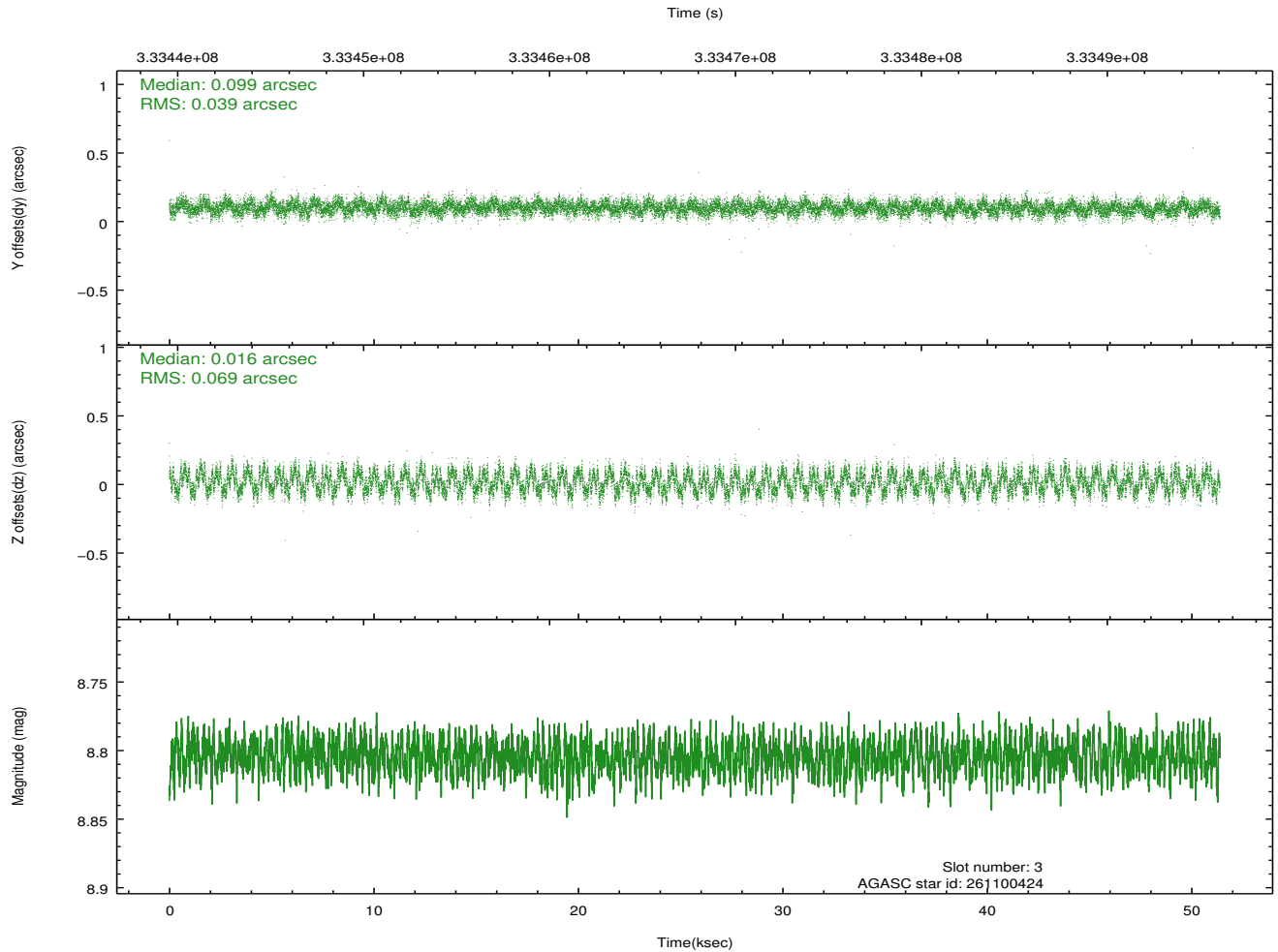
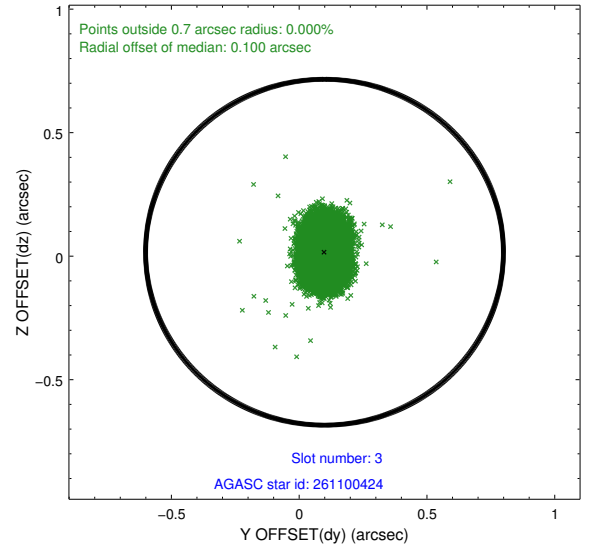
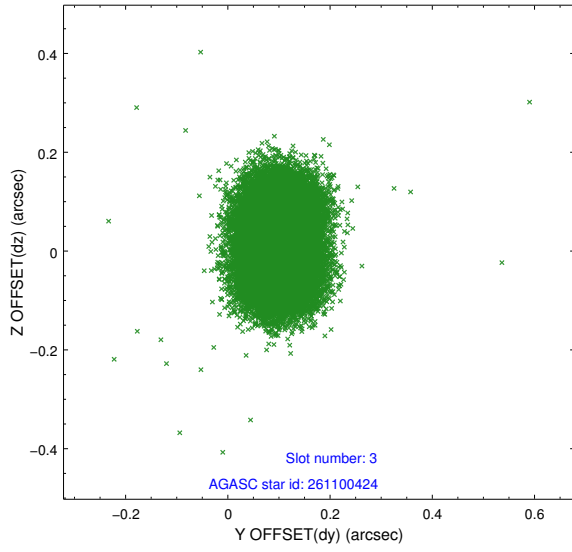


Slot Statistics

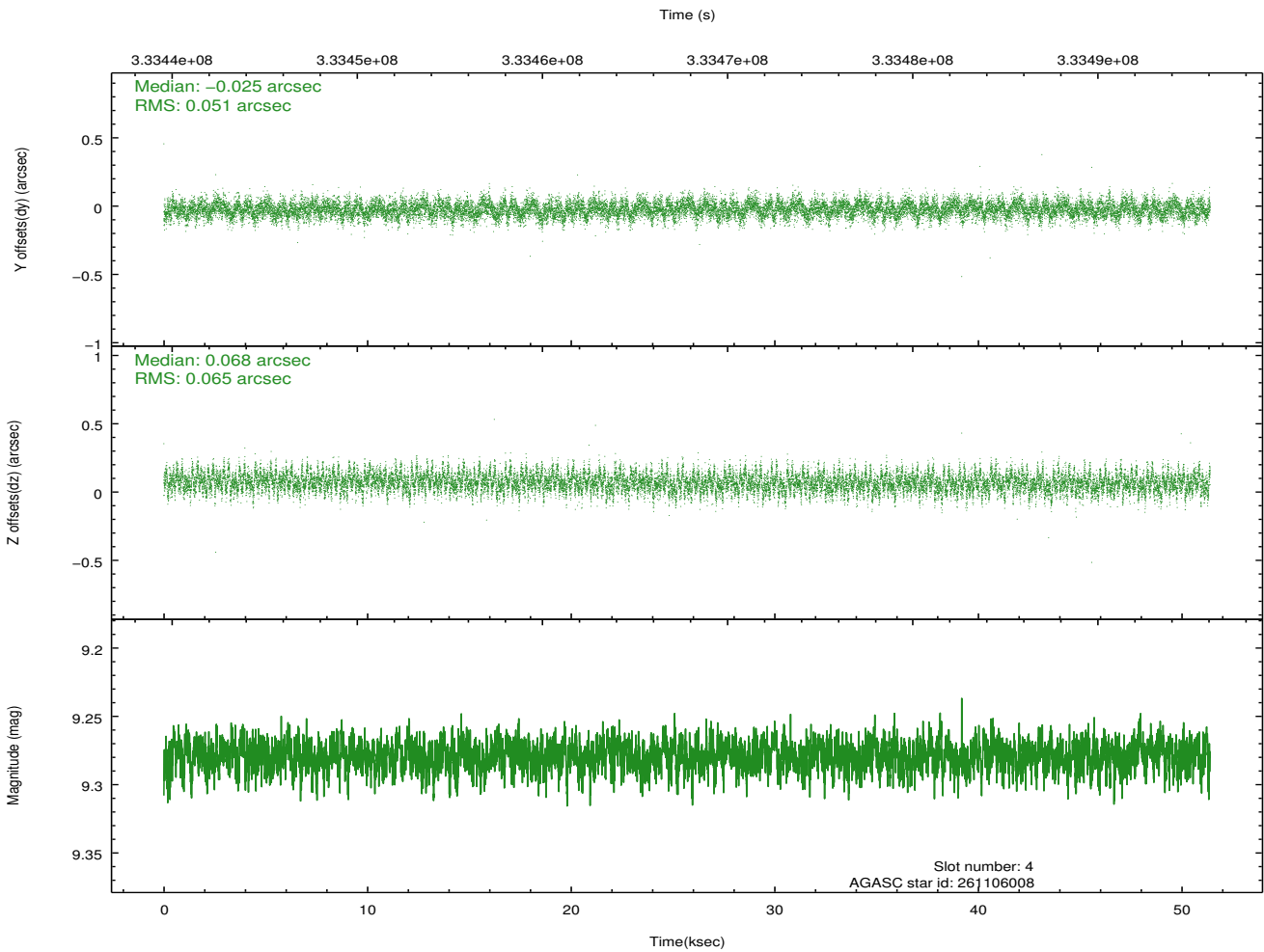
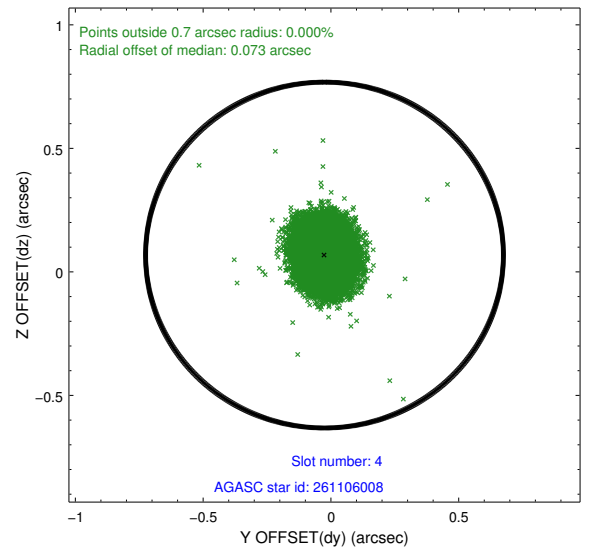
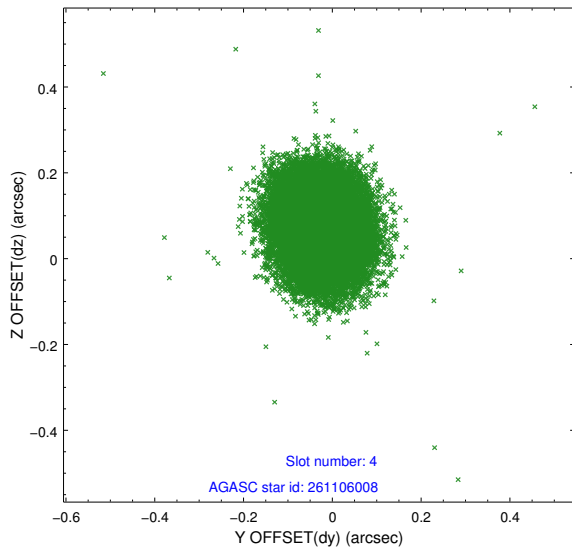
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.88	12535	-0.689	-0.029	0.008	0.015	0.000000	0.000000	-771.89	233.60
1	FID	HRC-I-2	6.99	12536	0.768	-0.025	0.008	0.015	0.000000	0.000000	839.06	234.70
2	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	261100424	8.80	25060	0.099	0.016	0.086	0.133	192.107071	27.783953	-270.02	-1774.29
4	GUIDE	261106008	9.28	25035	-0.025	0.068	0.087	0.143	191.902860	27.409319	1182.12	-2141.91
5	GUIDE	261110000	8.02	25061	0.121	-0.152	0.081	0.122	192.012480	27.105810	2182.76	-1578.78
6	GUIDE	261113144	6.23	25070	0.005	-0.050	0.072	0.127	192.322716	27.552380	407.20	-932.87
7	GUIDE	261507256	8.34	25057	-0.206	0.110	0.072	0.116	193.022402	28.129301	-2084.31	819.87

2.4 Star Slots

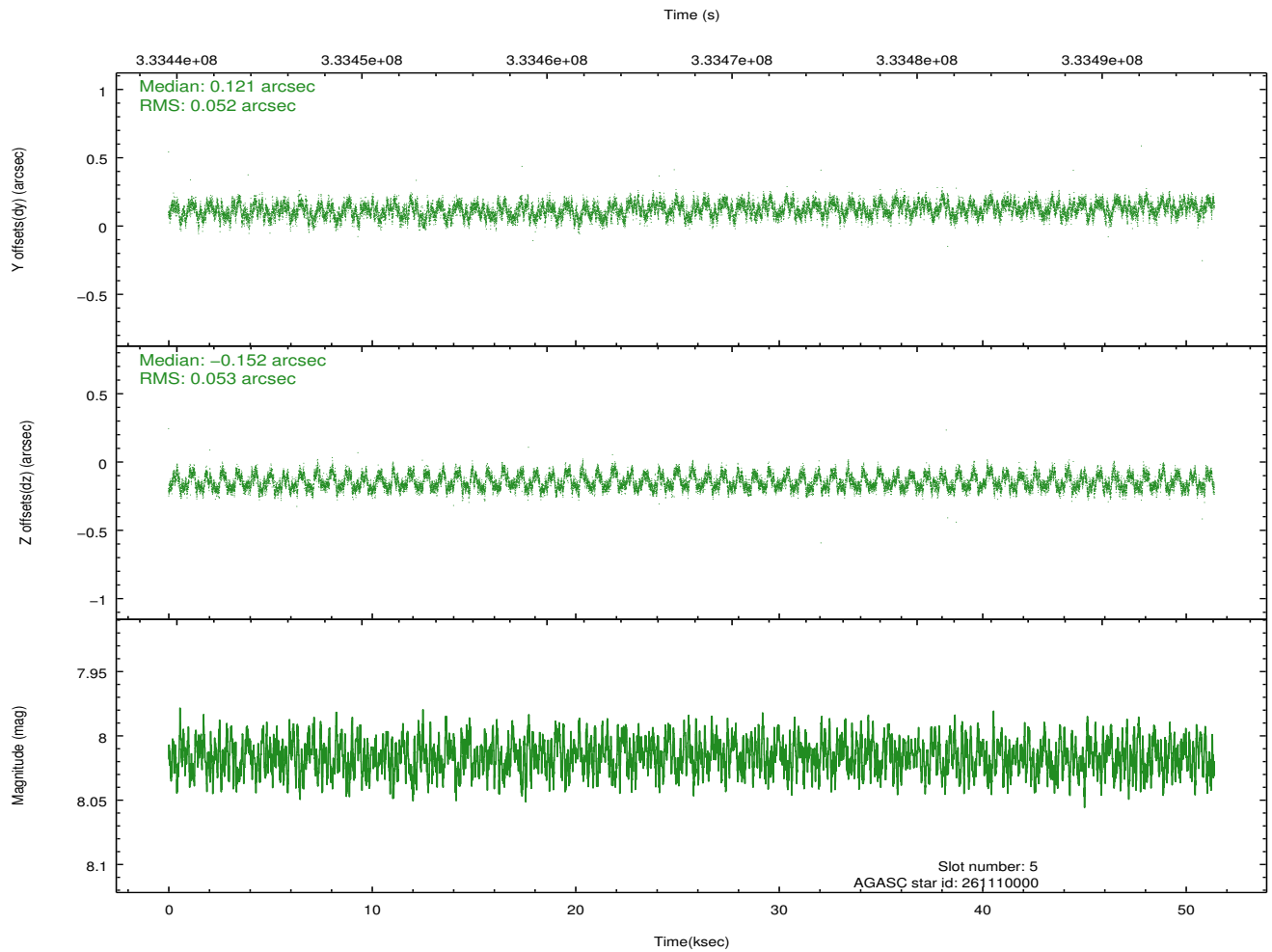
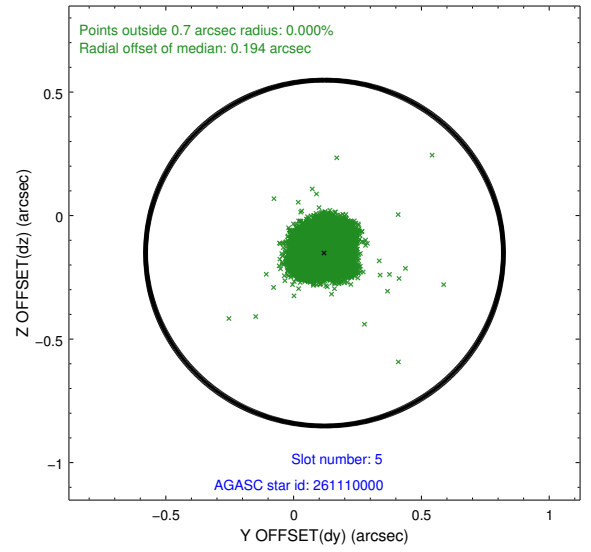
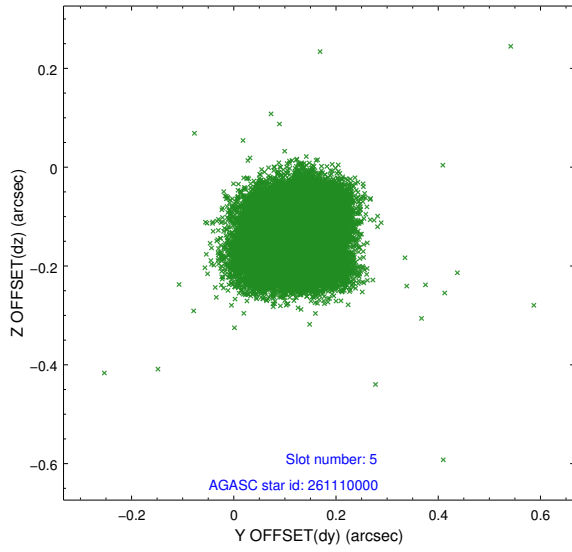
2.4.1 Slot 3



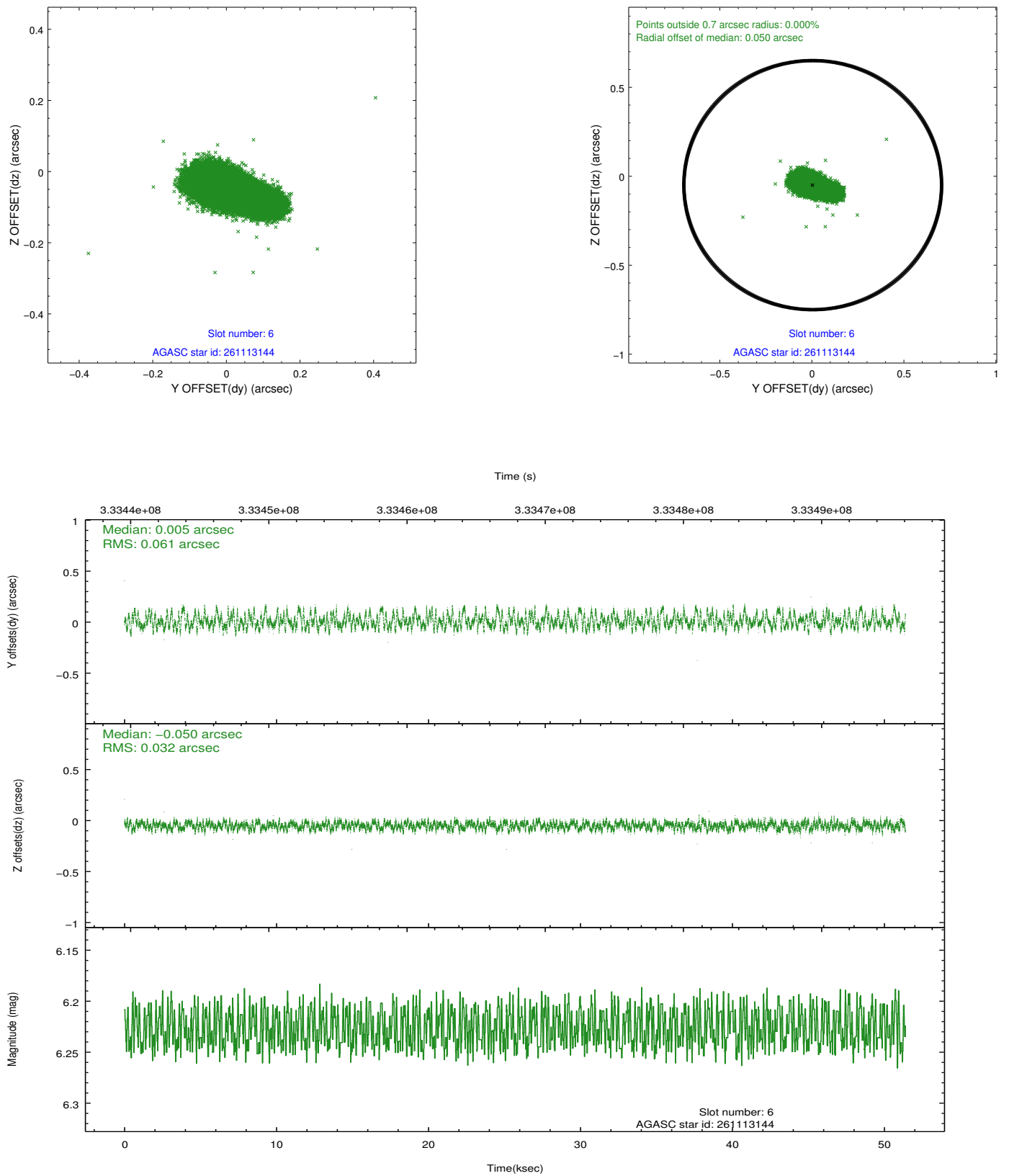
2.4.2 Slot 4



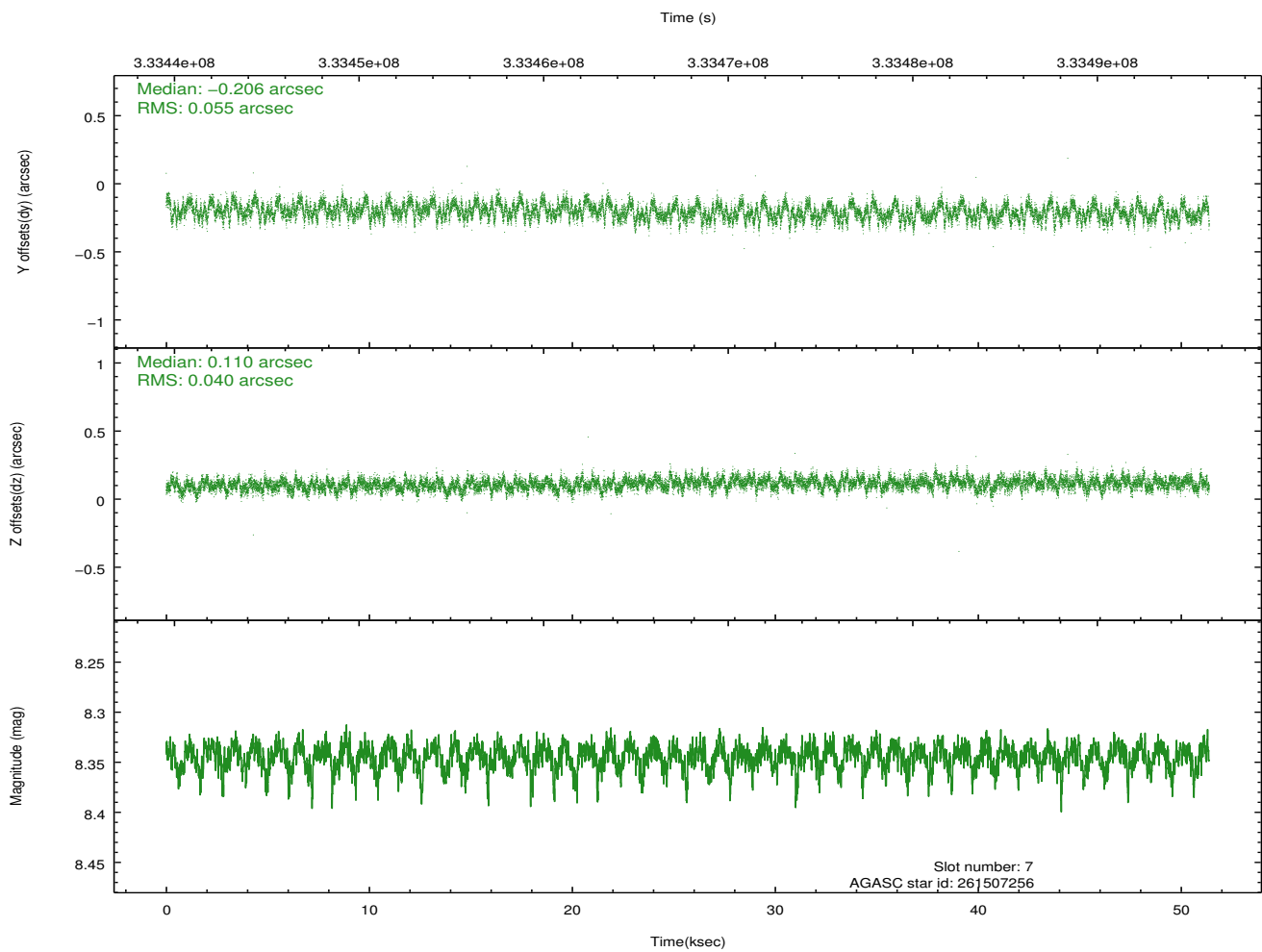
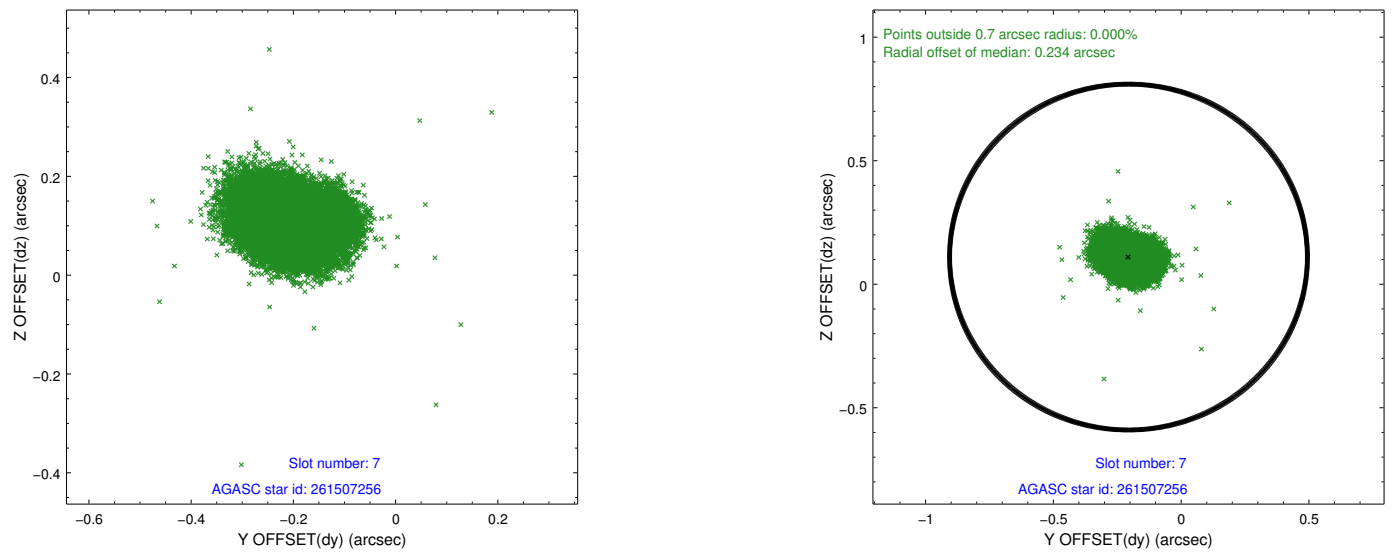
2.4.3 Slot 5



2.4.4 Slot 6

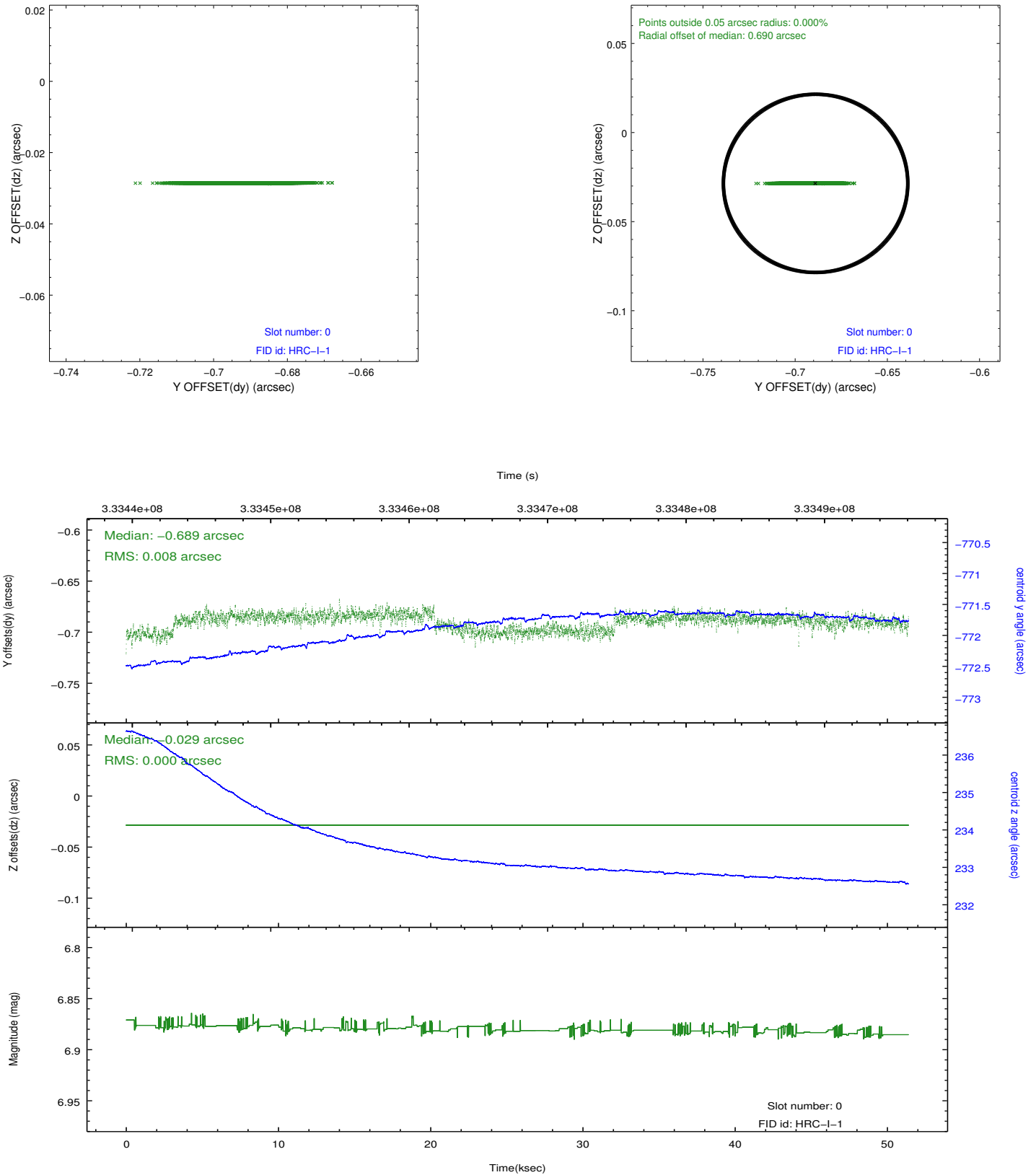


2.4.5 Slot 7

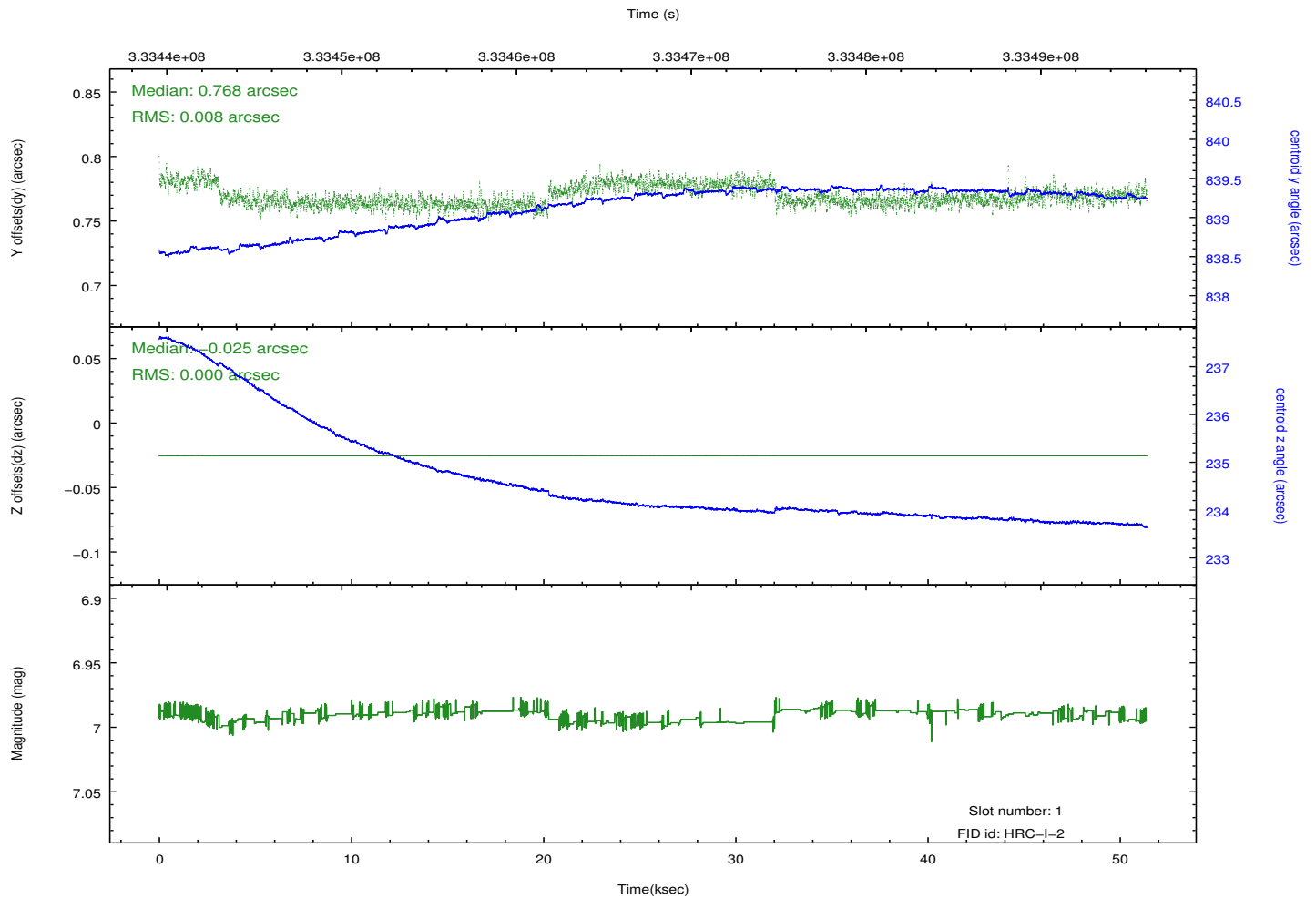
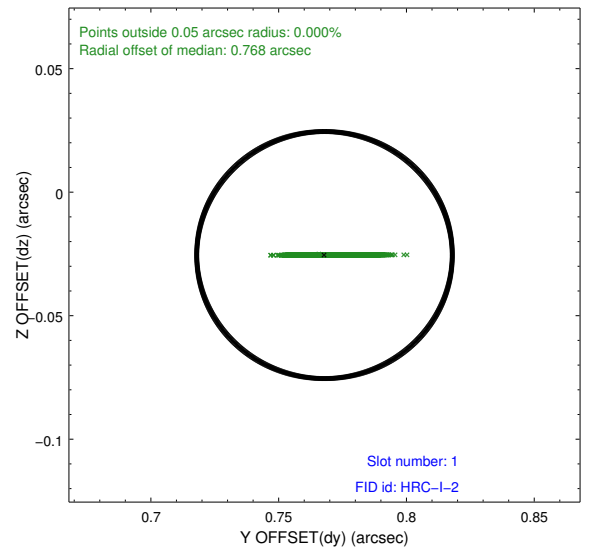
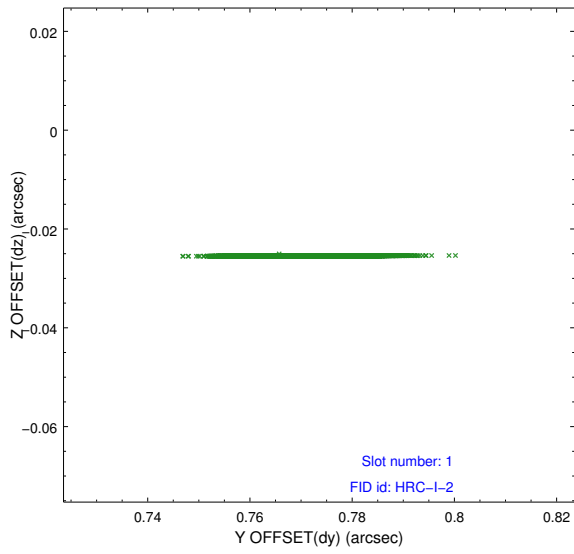


2.5 FID Slots

2.5.1 Slot 0



2.5.2 Slot 1



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.0368024

A.2 Comments

This observation was performed with a large SIM offset. As a result, the fid light positions are offset beyond normally expected ranges.

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Slot 2 was not utilized in this observation.

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Window preference met.