

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7029 - L2 Version 6
Chandra X-Ray Center

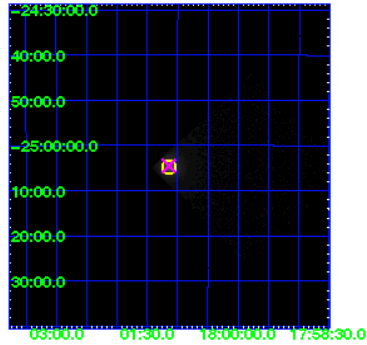
L2 Processing Date : Aug 10 2012

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1 Front

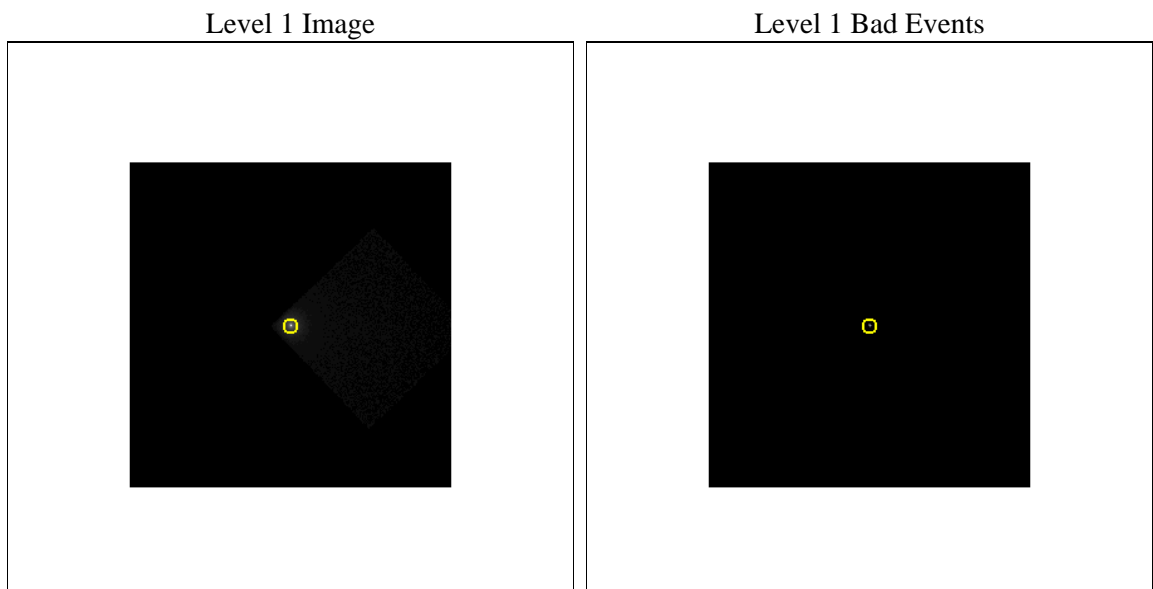
seq_num	900445	Sequence number
obs_id	7029	Observation id
title	High-Resolution X-ray Images of Dust Halos	Proposal title
observer	Dr. Randall Smith	Principal investigator
object	GX5-1	Source name
ra_targ	270.284167	Observer's specified target RA [deg]
dec_targ	-25.079167	Observer's specified target Dec [deg]
ra_nom	270.28606799768	Nominal RA [deg]
dec_nom	-25.075506722088	Nominal Dec [deg]
roll_nom	91.249182071214	Nominal Roll [deg]
revision	6	Processing version of data
ontime	4784.9564722776	[s]
livetime	3285.5896820486	Ontime multiplied by DTCOR
l2events	790557	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4784.9564722776	[s]
caldbver	4.5.1.1	 	l1events	890592	Number of level 1 events
date	2012-08-11T00:43:36	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

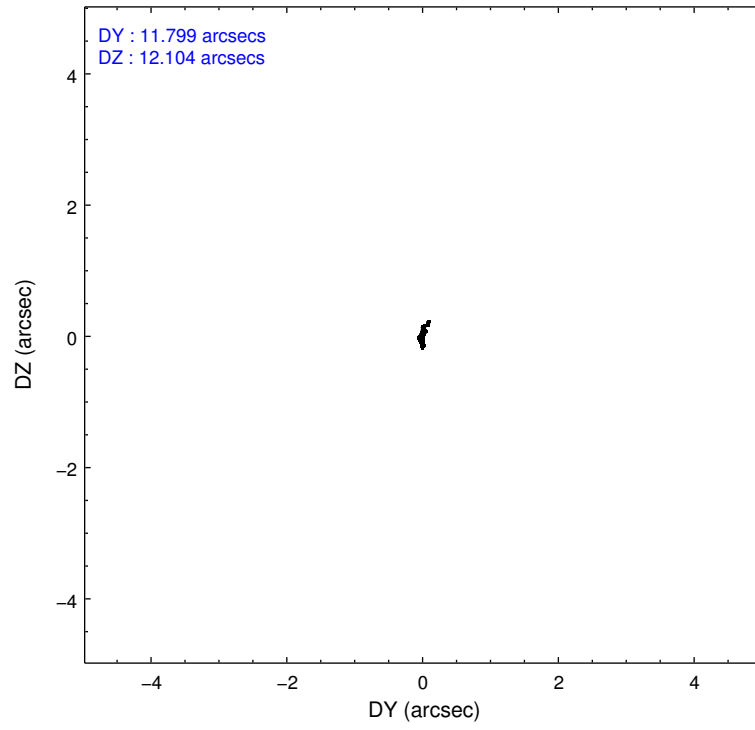
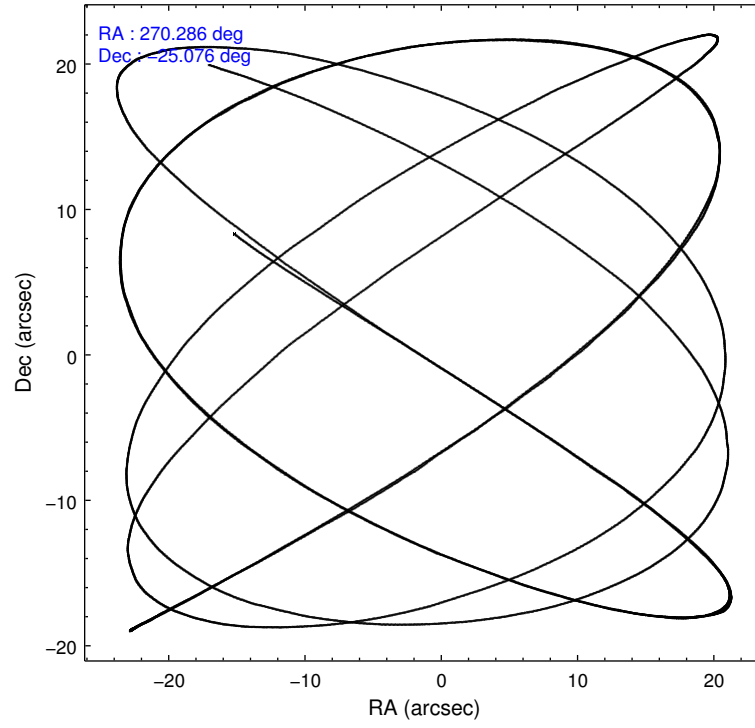
Level 1 Events

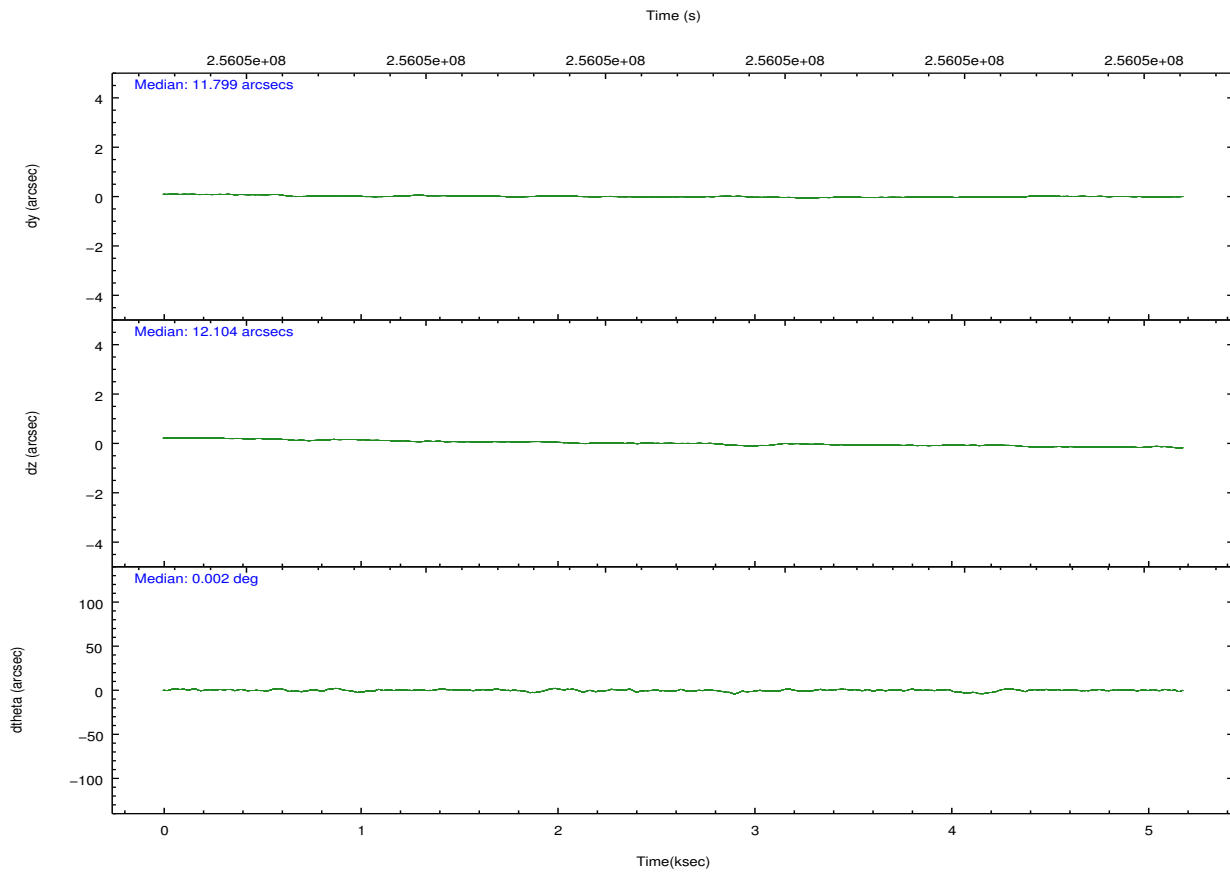
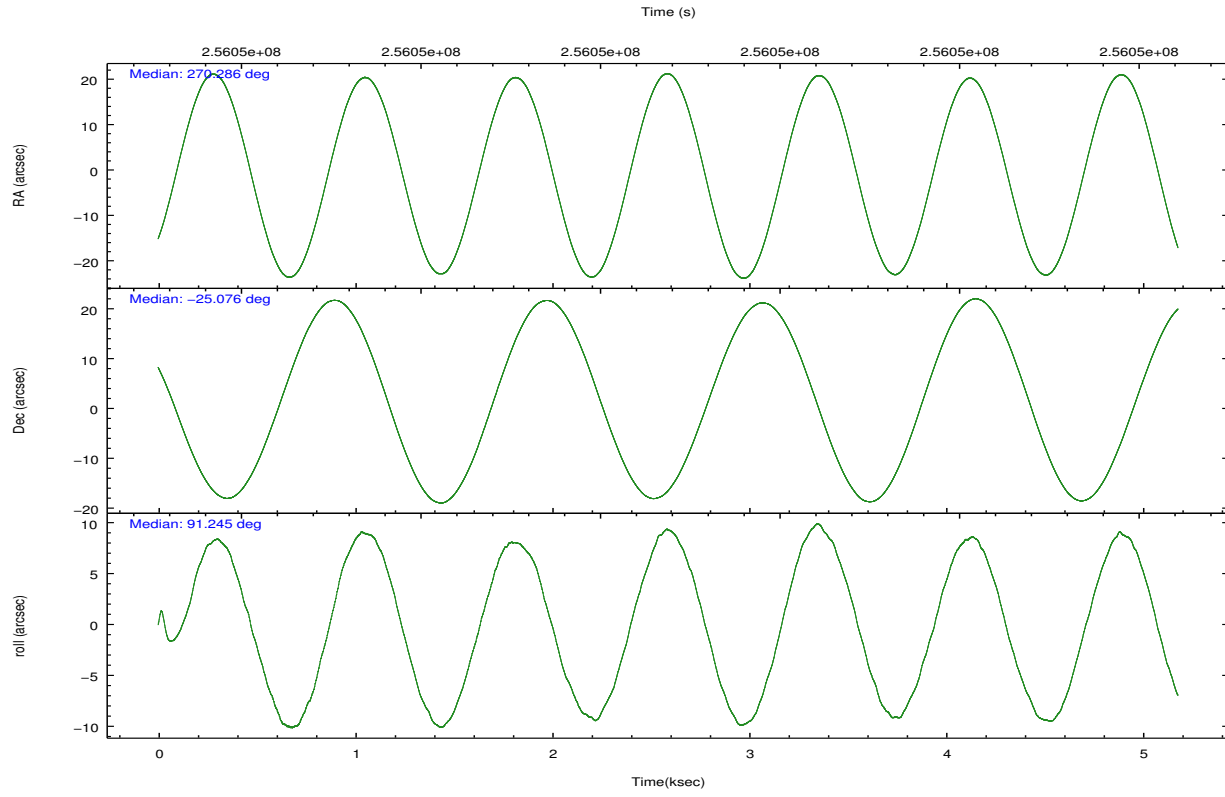
	segment 0
level 1 events	890592
rejected events	8298
rejected %	0%

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	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	270.301957	270.2860679976797			
[deg] Pointing Dec	-25.098124	-25.07550672208832			
[deg] Pointing Roll	91.351417	91.24918207121374			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	73.985494	73.983727748403			
[mm] SIM translation stage offset	53	53.00176114319856			
[s] Observation start time (MET)	256045967.184000	256045464.23216			
Observation start date	2006-02-11T11:51:42	2006-02-11T11:44:24			
[s] Observation end time (MET)	256050967.184000	256051916.60746			
Observation end date	2006-02-11T13:15:02	2006-02-11T13:31:56			

2.3 Aspect



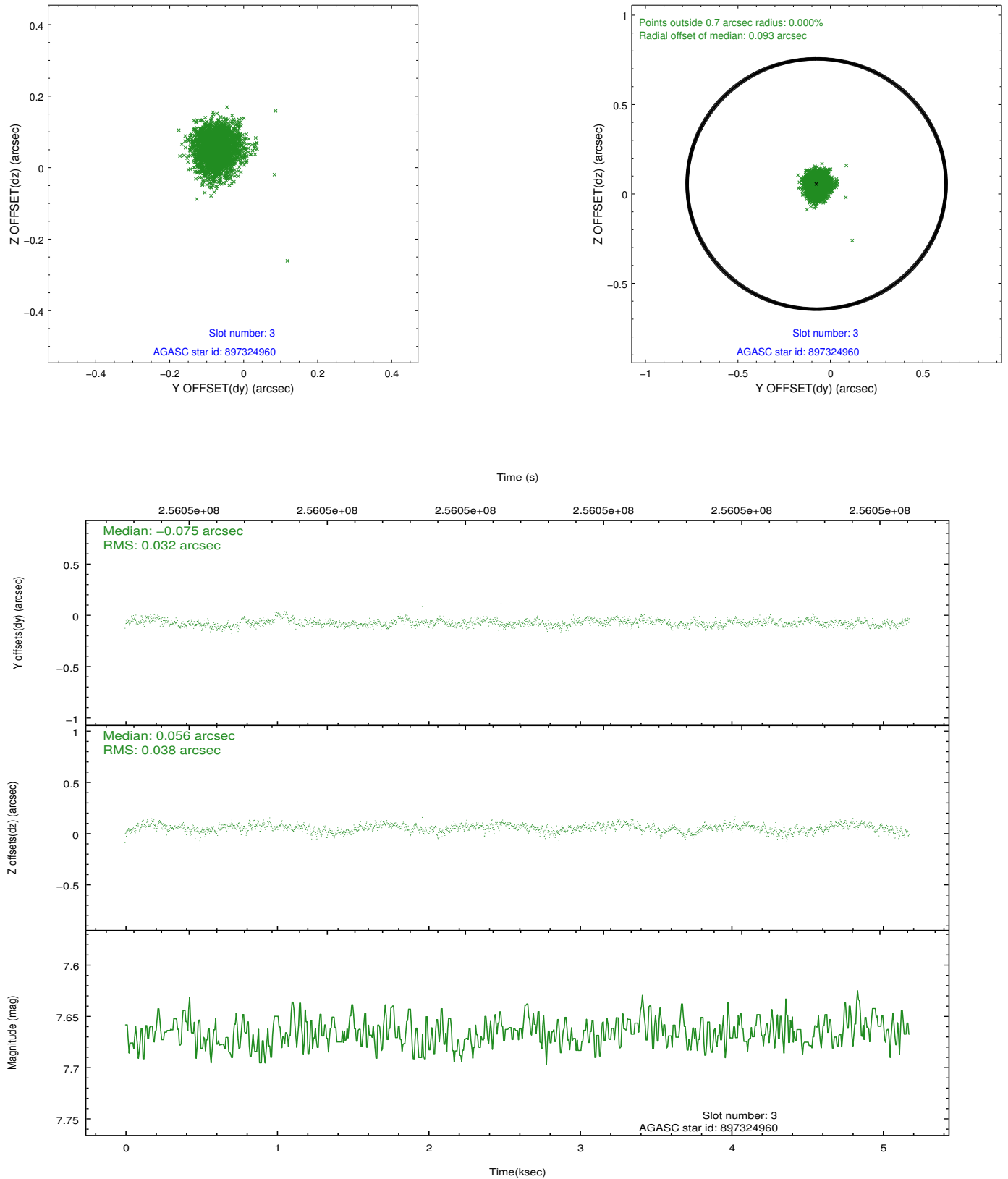


Slot Statistics

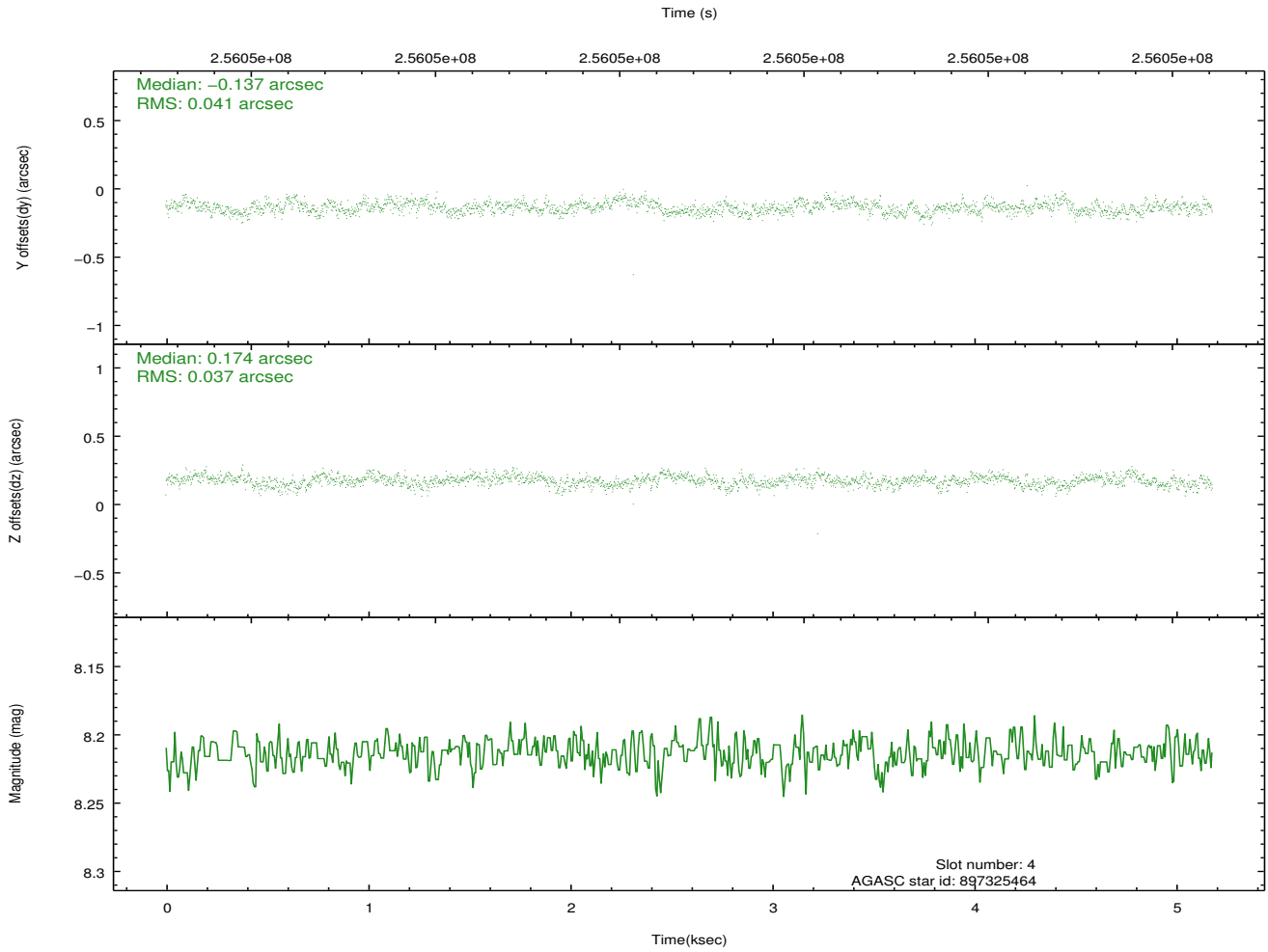
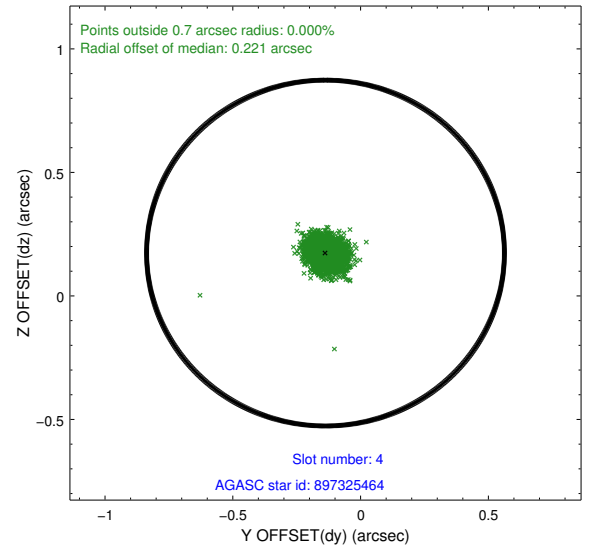
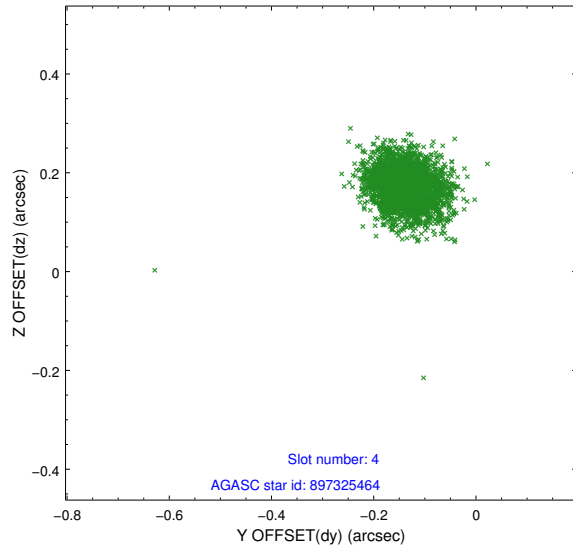
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
1	FID	HRC-I-2	7.15	1264	-0.036	0.058	0.010	0.029	0.000000	0.000000	844.11	-211.85
2	FID	HRC-I-3	7.10	1264	0.118	-0.116	0.010	0.029	0.000000	0.000000	-1196.46	2093.66
3	GUIDE	897324960	7.67	2528	-0.075	0.056	0.052	0.086	270.333871	-24.632185	1675.44	-143.03
4	GUIDE	897325464	8.21	2528	-0.137	0.174	0.058	0.092	270.454899	-24.555059	1943.93	-545.68
5	GUIDE	897190880	8.13	2528	0.035	-0.685	0.068	0.105	269.584058	-25.142408	-108.73	2342.68
6	GUIDE	897322760	8.55	2528	0.142	0.194	0.079	0.131	270.988015	-25.669699	-2114.76	-2174.83
7	GUIDE	897326256	8.25	2527	0.038	0.270	0.070	0.108	271.063775	-25.425801	-1244.34	-2448.18

2.4 Star Slots

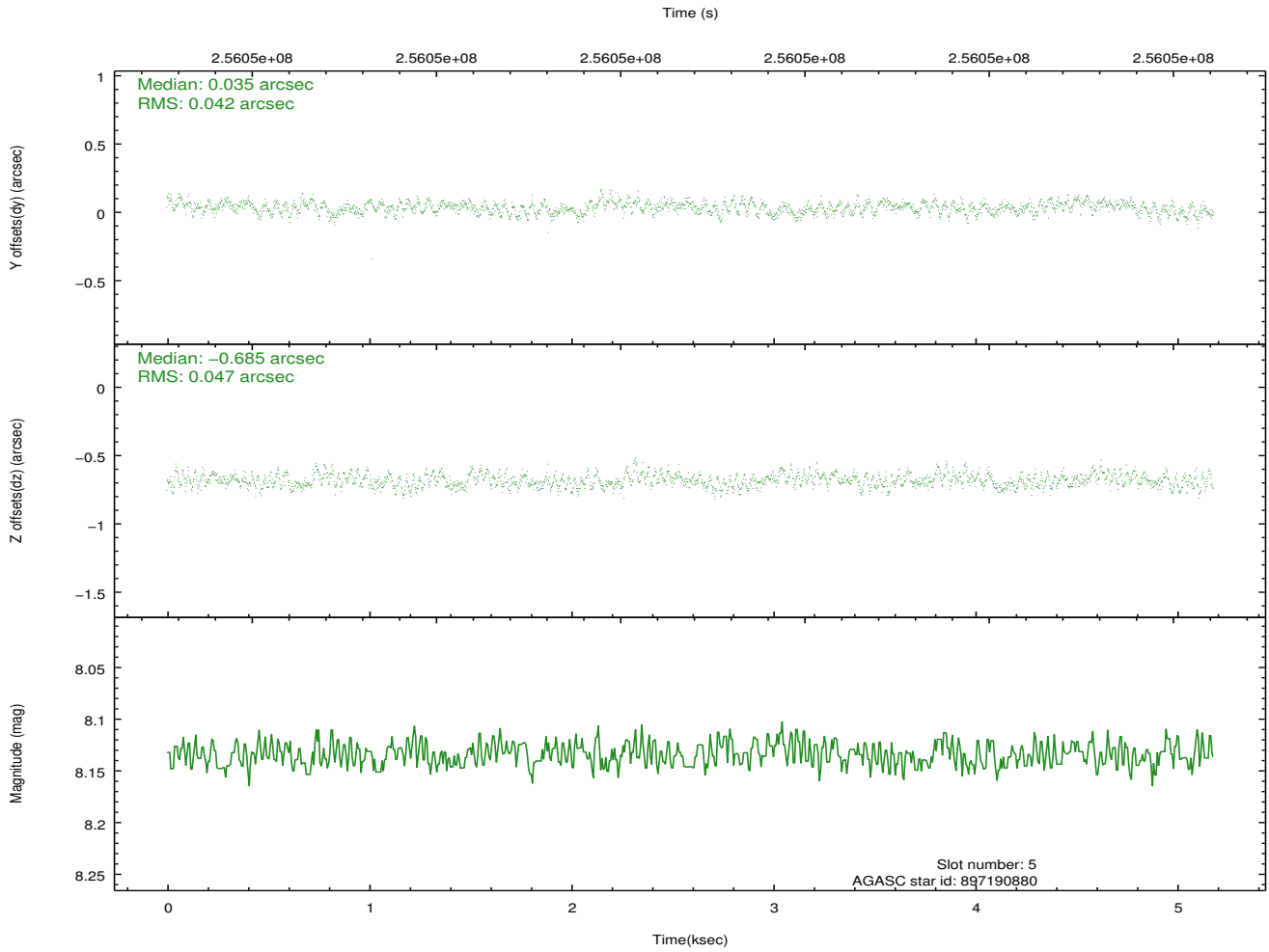
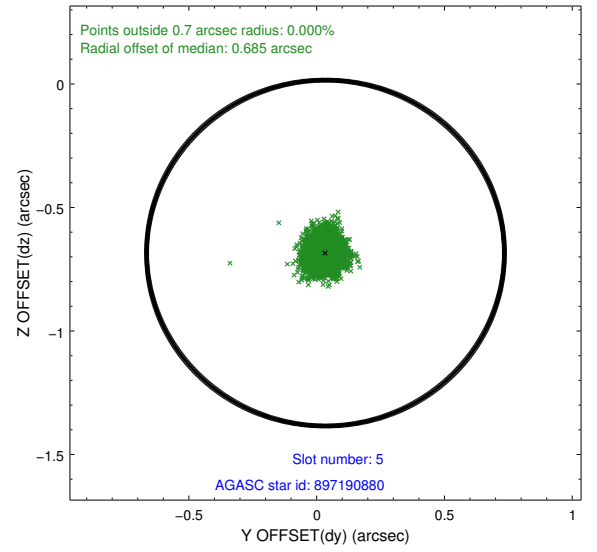
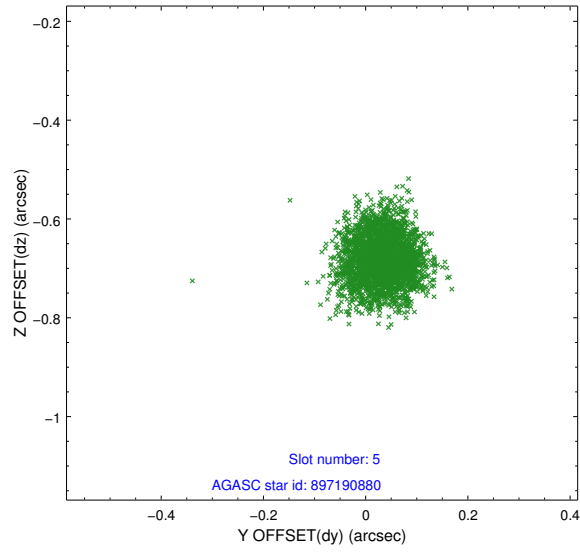
2.4.1 Slot 3



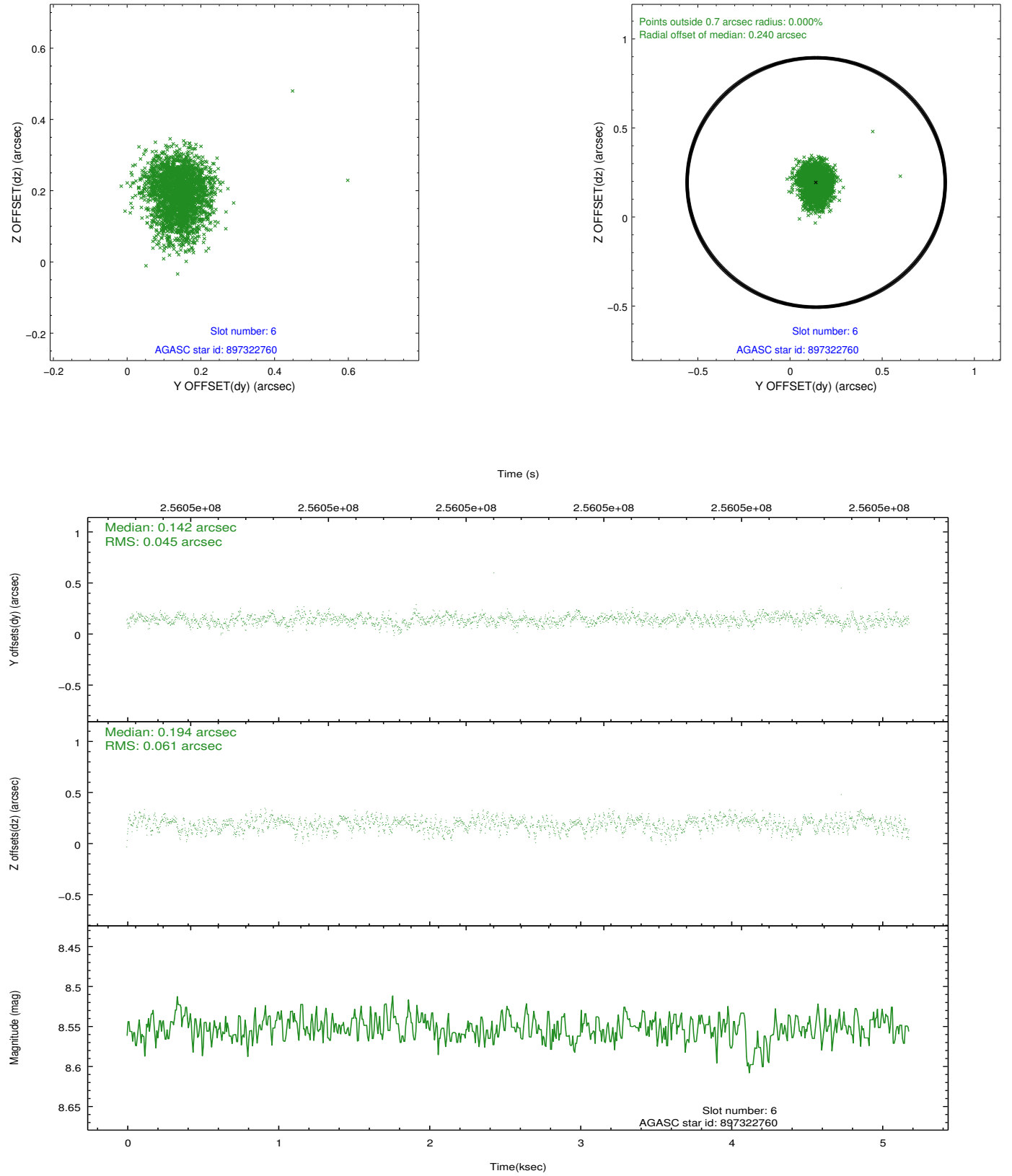
2.4.2 Slot 4



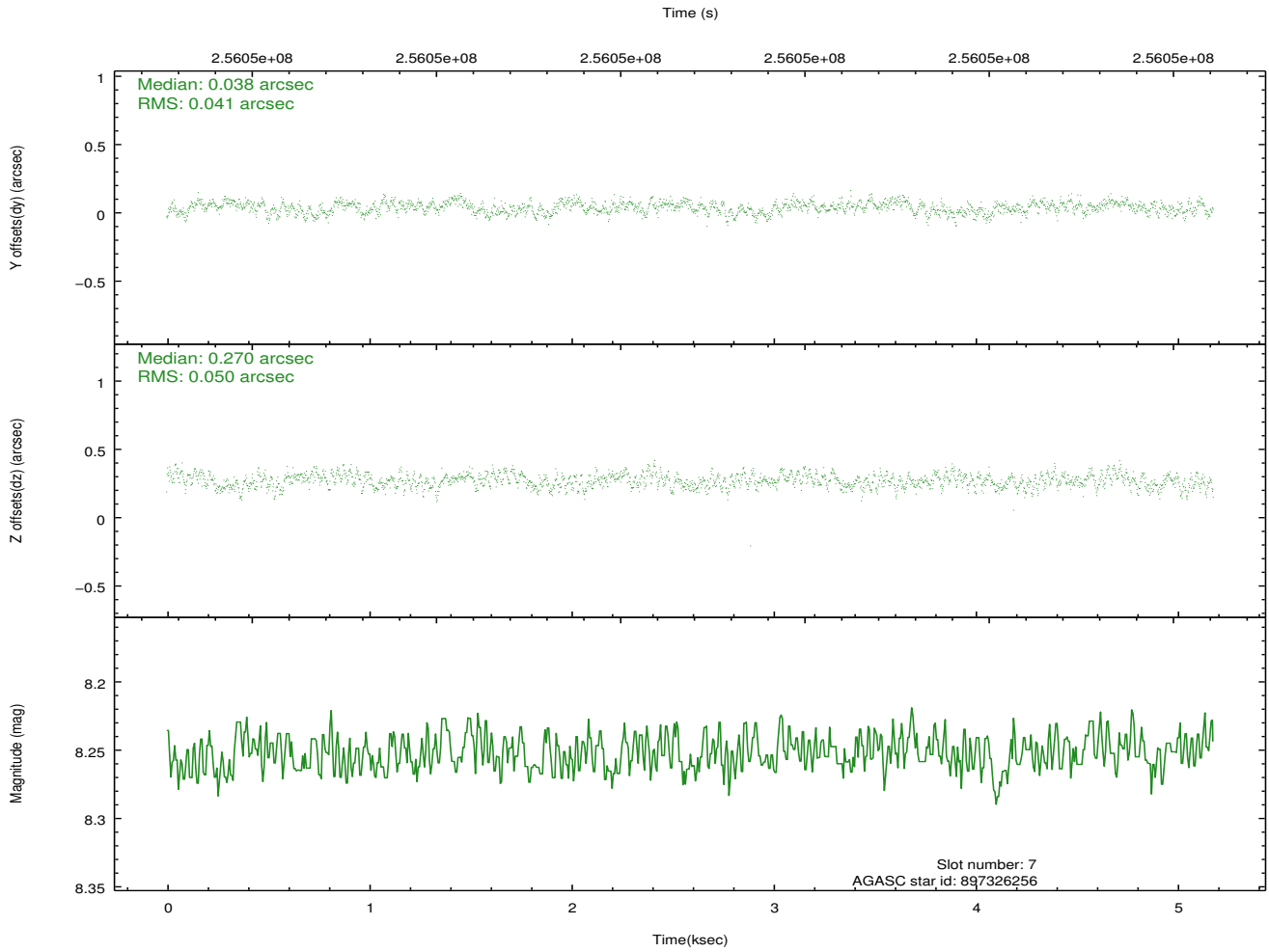
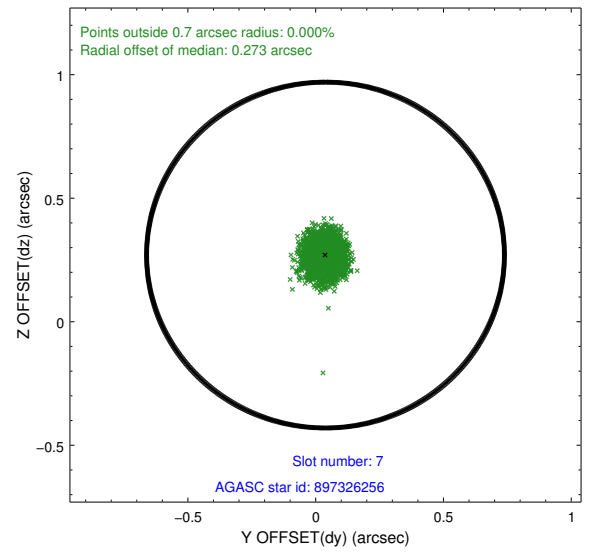
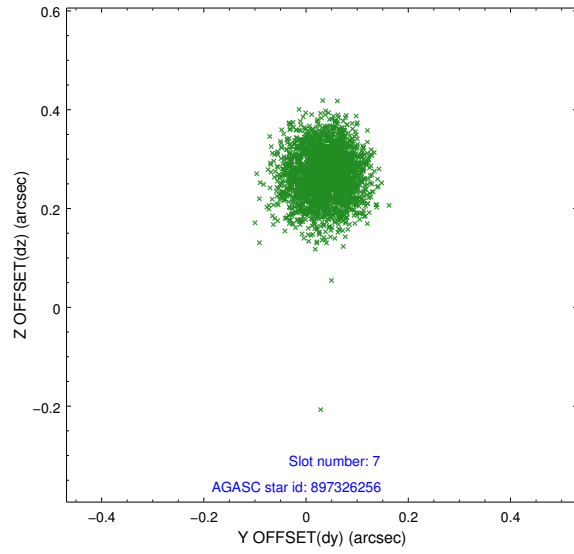
2.4.3 Slot 5



2.4.4 Slot 6

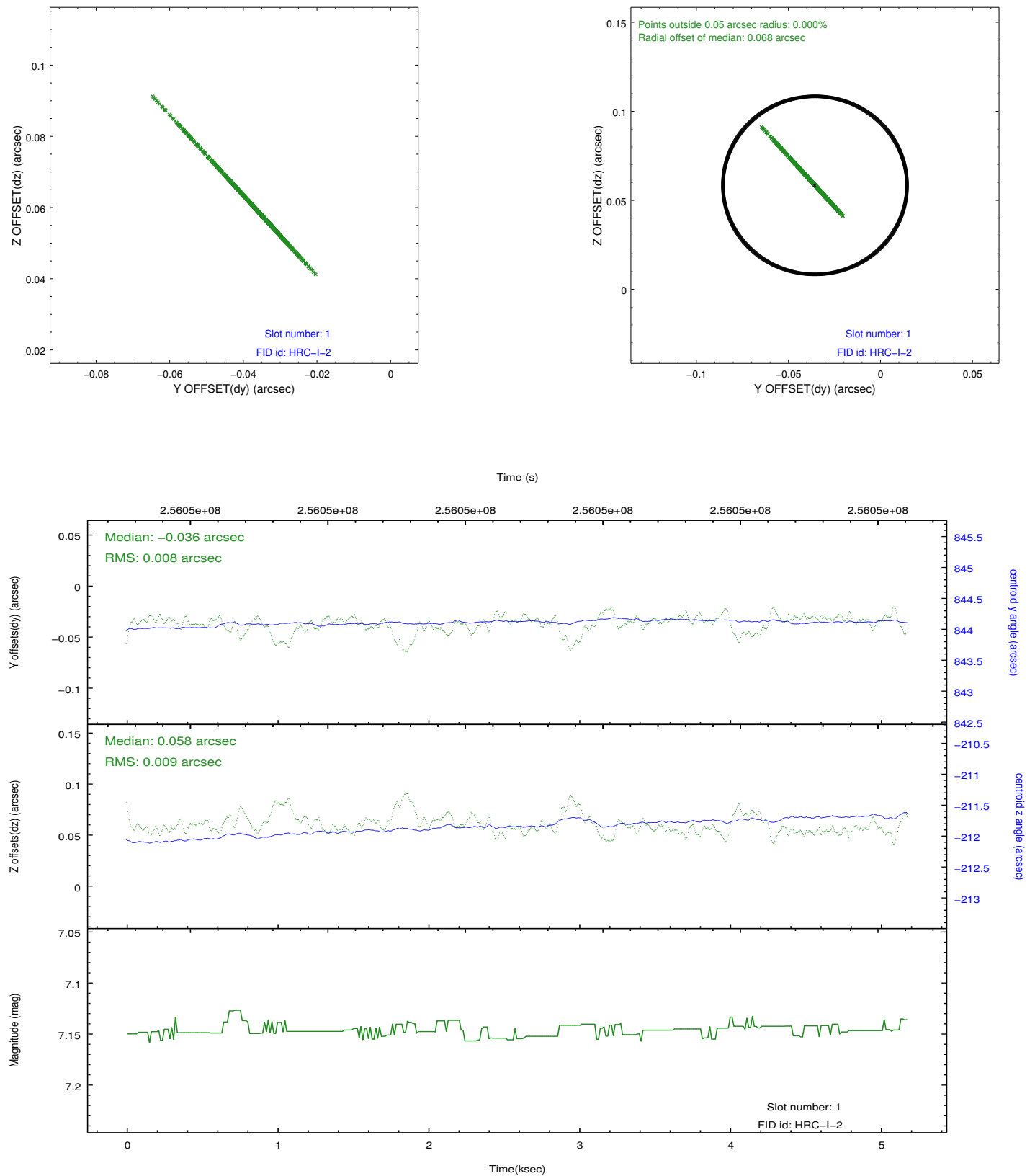


2.4.5 Slot 7

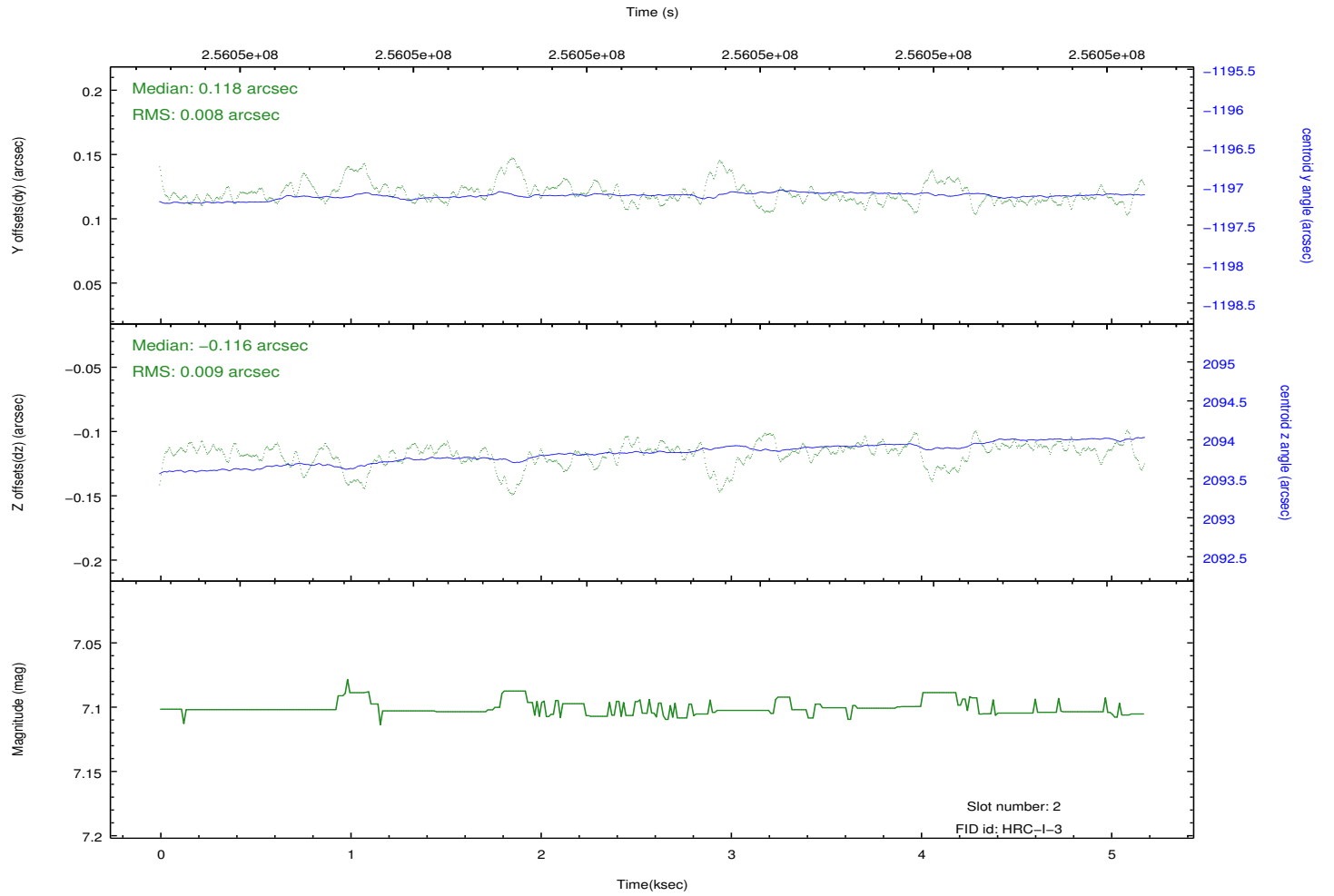
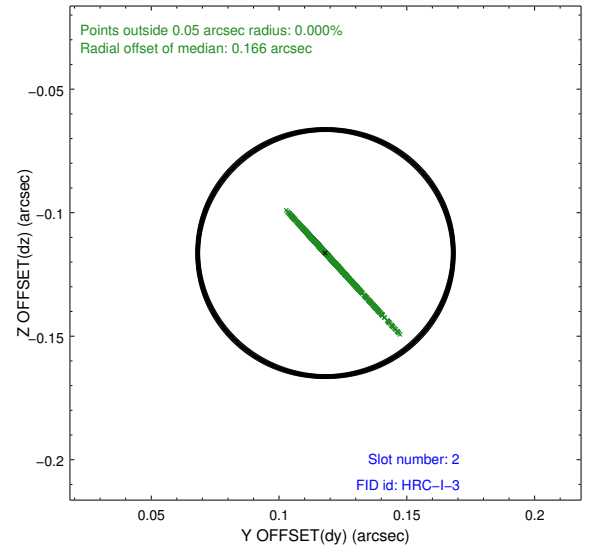
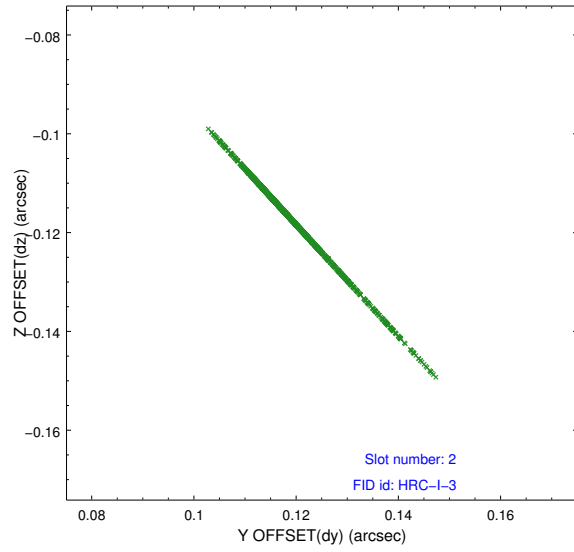


2.5 FID Slots

2.5.1 Slot 1



2.5.2 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.78495647

A.2 Comments

The fid light in slot 0 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this fid light from the solution.