

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 879 - L2 Version 4
Chandra X-Ray Center

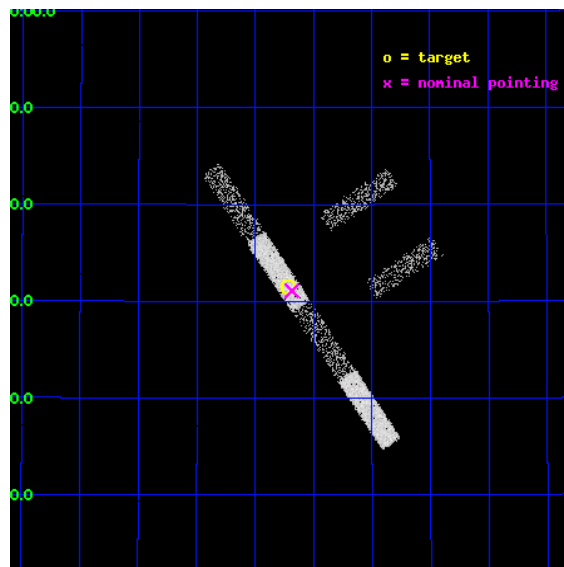
L2 Processing Date : Aug 29 2012

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1 Front

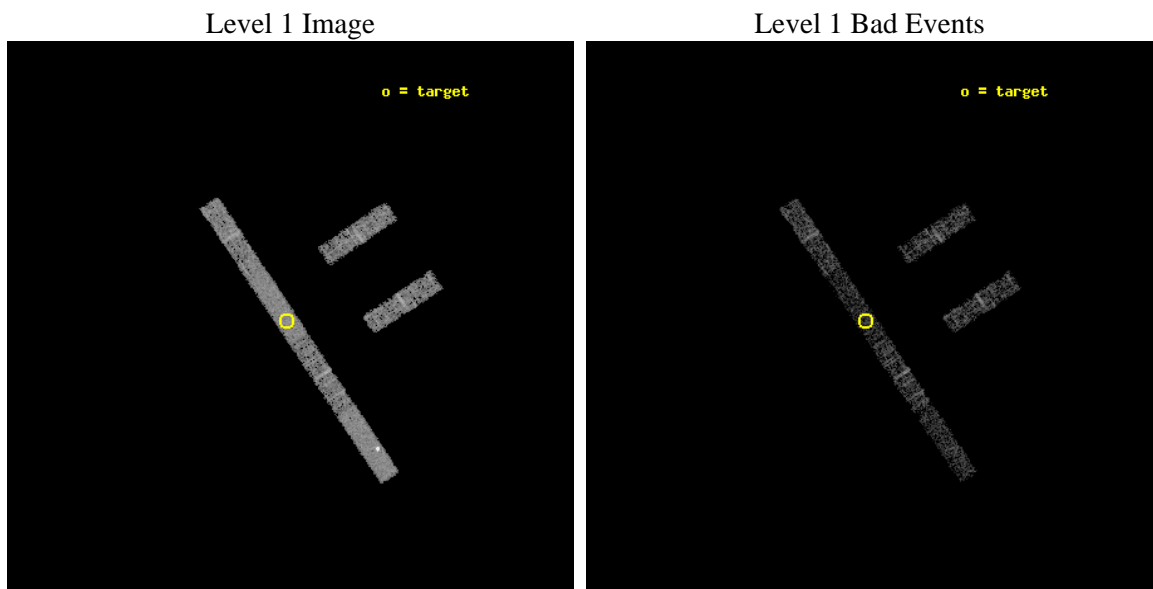
seq_num	700184	Sequence number
obs_id	879	Observation id
title	SURVEY OF RADIO QUIET $Z > 4$ QUASARS	Proposal title
observer	Dr. Jill Bechtold	Principal investigator
object	PSS 1317+3531	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	199.43	Observer's specified target RA [deg]
dec_targ	35.525278	Observer's specified target Dec [deg]
ra_nom	199.42150299186	Nominal RA [deg]
dec_nom	35.518058482738	Nominal Dec [deg]
roll_nom	236.34648531532	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2890.7999843359	Sum of GTIs [s]
liveltime	2786.8260383242	Livetime [s]
ontime2	2890.7999843359	Sum of GTIs [s]
ontime3	2890.6865940094	Sum of GTIs [s]
ontime5	2890.7686740011	Sum of GTIs [s]
ontime6	2890.7276340127	Sum of GTIs [s]
ontime7	2890.7999843359	Sum of GTIs [s]
ontime8	2890.6455540061	Sum of GTIs [s]
l2events	10876	Number of level 2 events



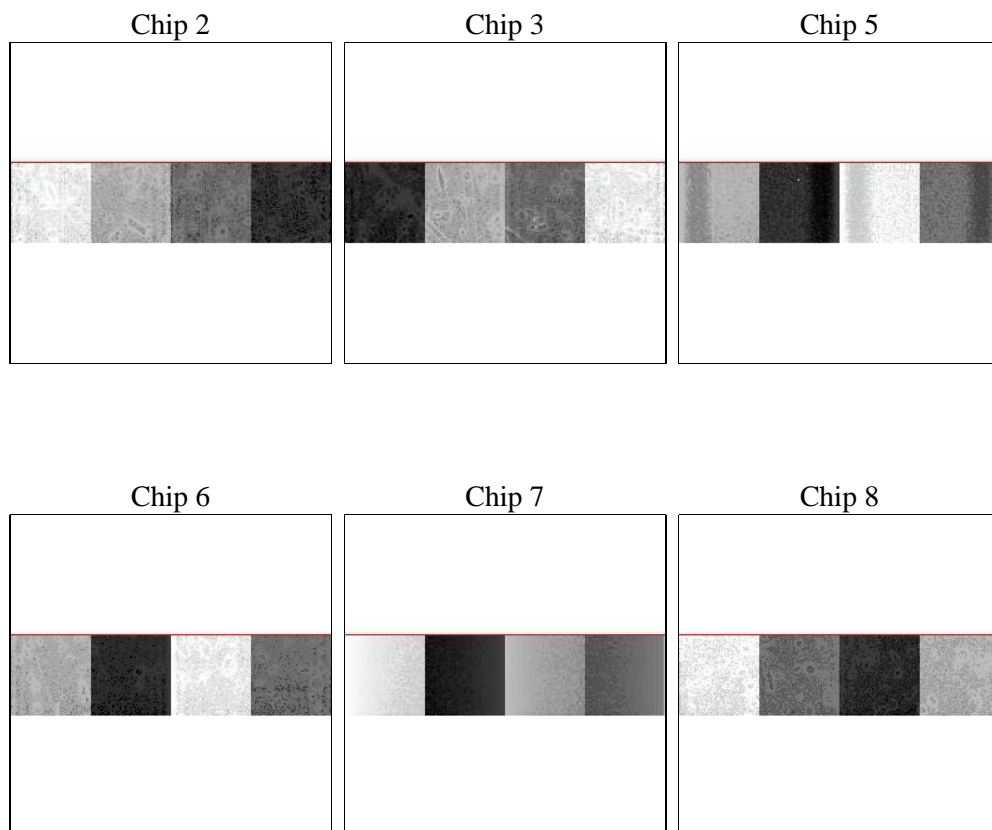
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2890.7999843359	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	2890.7999843359	Sum of GTIs [s]
date	2012-08-29T07:12:52	Date and time of file creation	ontime3	2890.6865940094	Sum of GTIs [s]
revision	4	Processing version of data	ontime5	2890.7686740011	Sum of GTIs [s]
			ontime6	2890.7276340127	Sum of GTIs [s]
			ontime7	2890.7999843359	Sum of GTIs [s]
			ontime8	2890.6455540061	Sum of GTIs [s]
			l1events	42388	Number of level 1 events

2.1.4 Events

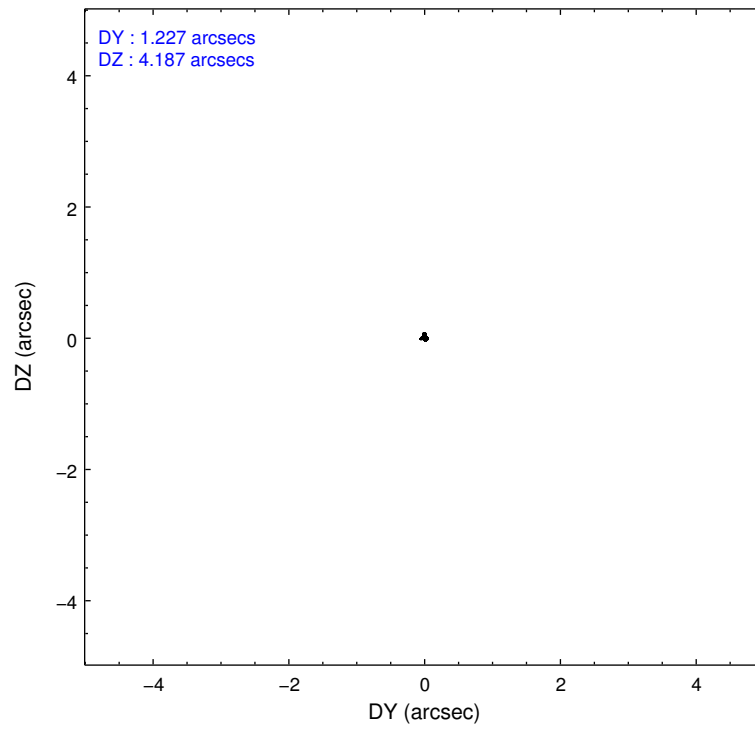
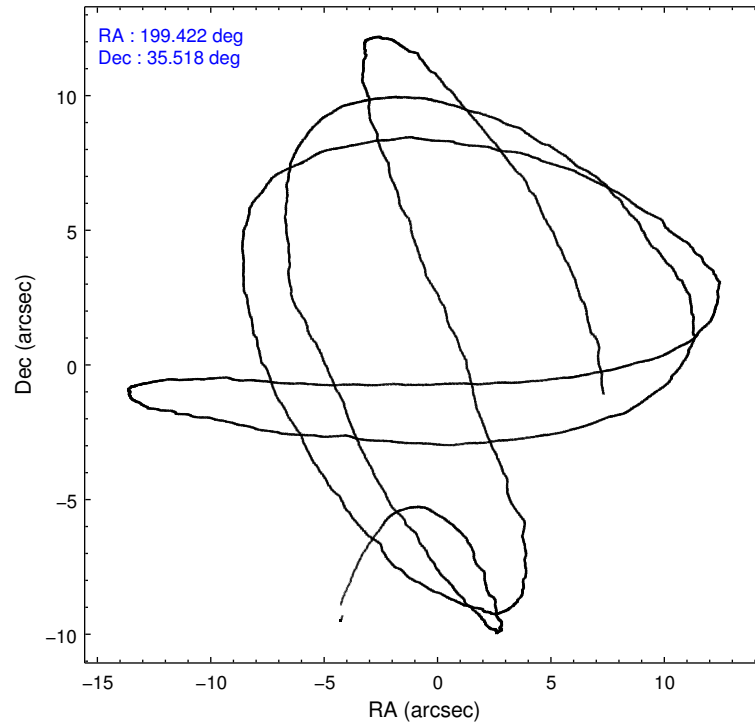
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	5861	5799	10483	5680	7590	6975
rejected events	5327	5203	3305	5070	3122	5675
rejected %	90%	89%	31%	89%	41%	81%

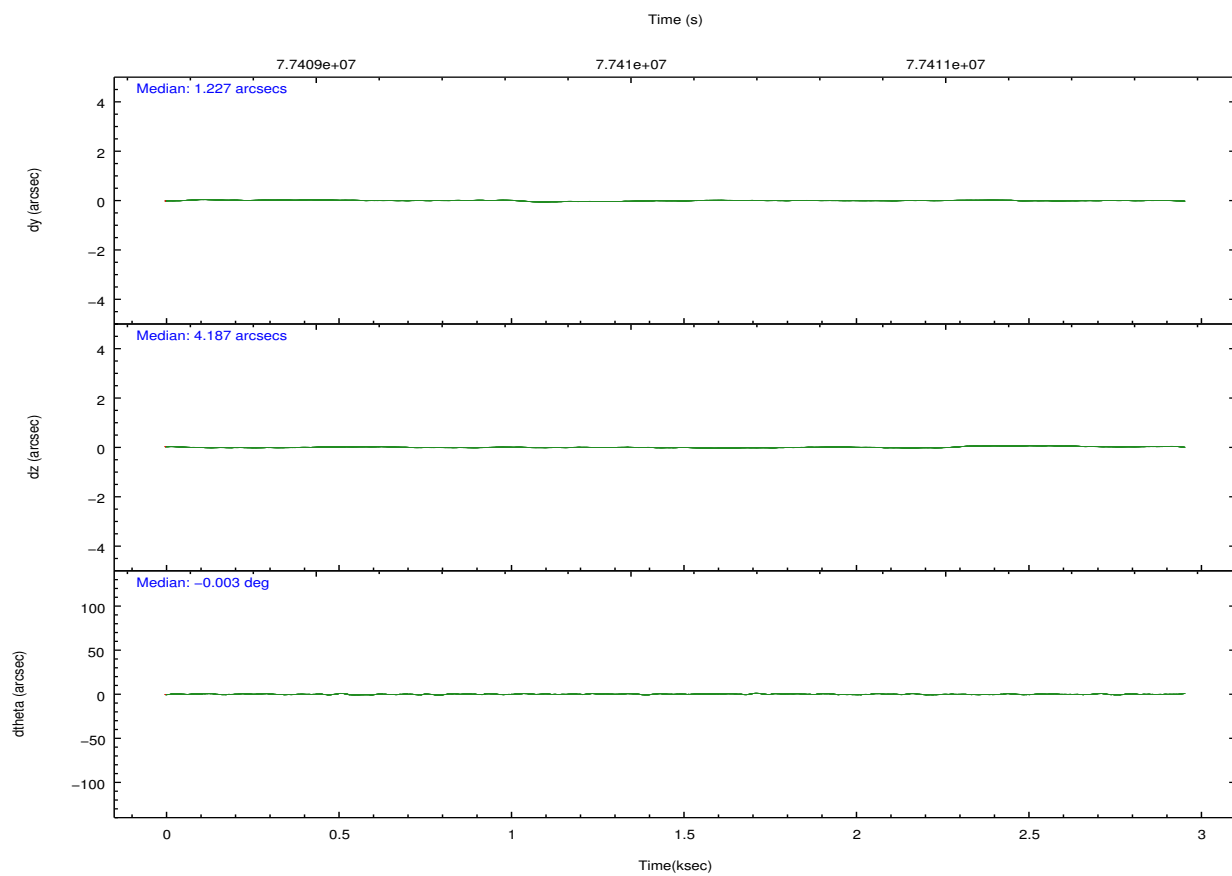
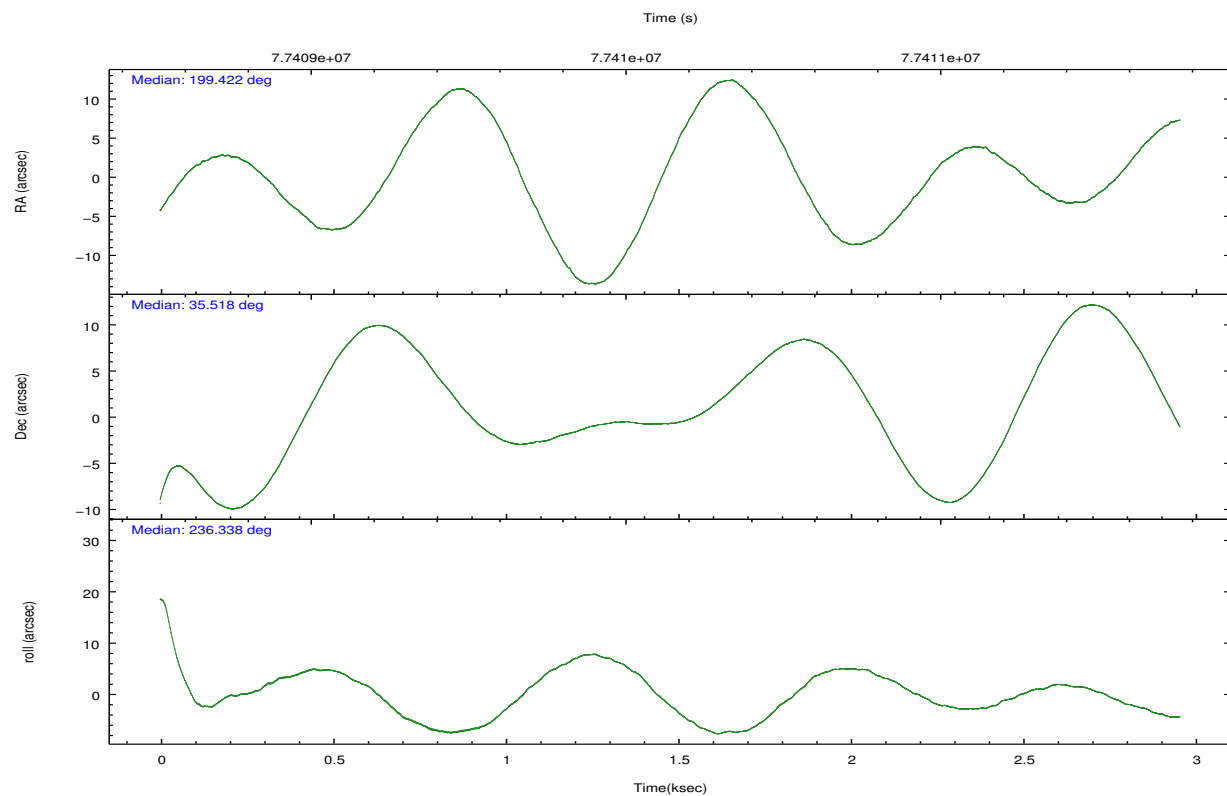
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	217	223	3221	223	650	399
	3%	3%	30%	3%	8%	5%
grade 1 events	0	0	8	1	4	1
	0%	0%	0%	0%	0%	0%
grade 2 events	91	133	1293	90	905	262
	1%	2%	12%	1%	11%	3%
grade 3 events	67	90	357	97	447	144
	1%	1%	3%	1%	5%	2%
grade 4 events	67	70	346	95	425	148
	1%	1%	3%	1%	5%	2%
grade 5 events	154	146	483	171	546	213
	2%	2%	4%	3%	7%	3%
grade 6 events	93	80	1966	106	2047	347
	1%	1%	18%	1%	26%	4%
grade 7 events	5172	5057	2809	4897	2566	5461
	88%	87%	26%	86%	33%	78%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	199.423461	199.4215029918642	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	35.545483	35.51805848273779	Subarray start row	385	385
[deg] Pointing Roll	236.188646	236.3464853153212	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	1.1
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	77409117.184000	77408016.463553			
Observation start date	2000-06-14T22:30:53	2000-06-14T22:13:36			
[s] Observation end time (MET)	77411617.184000	77412137.98870499			
Observation end date	2000-06-14T23:12:33	2000-06-14T23:22:17			
Read mode	TIMED	TIMED			

2.3 Aspect



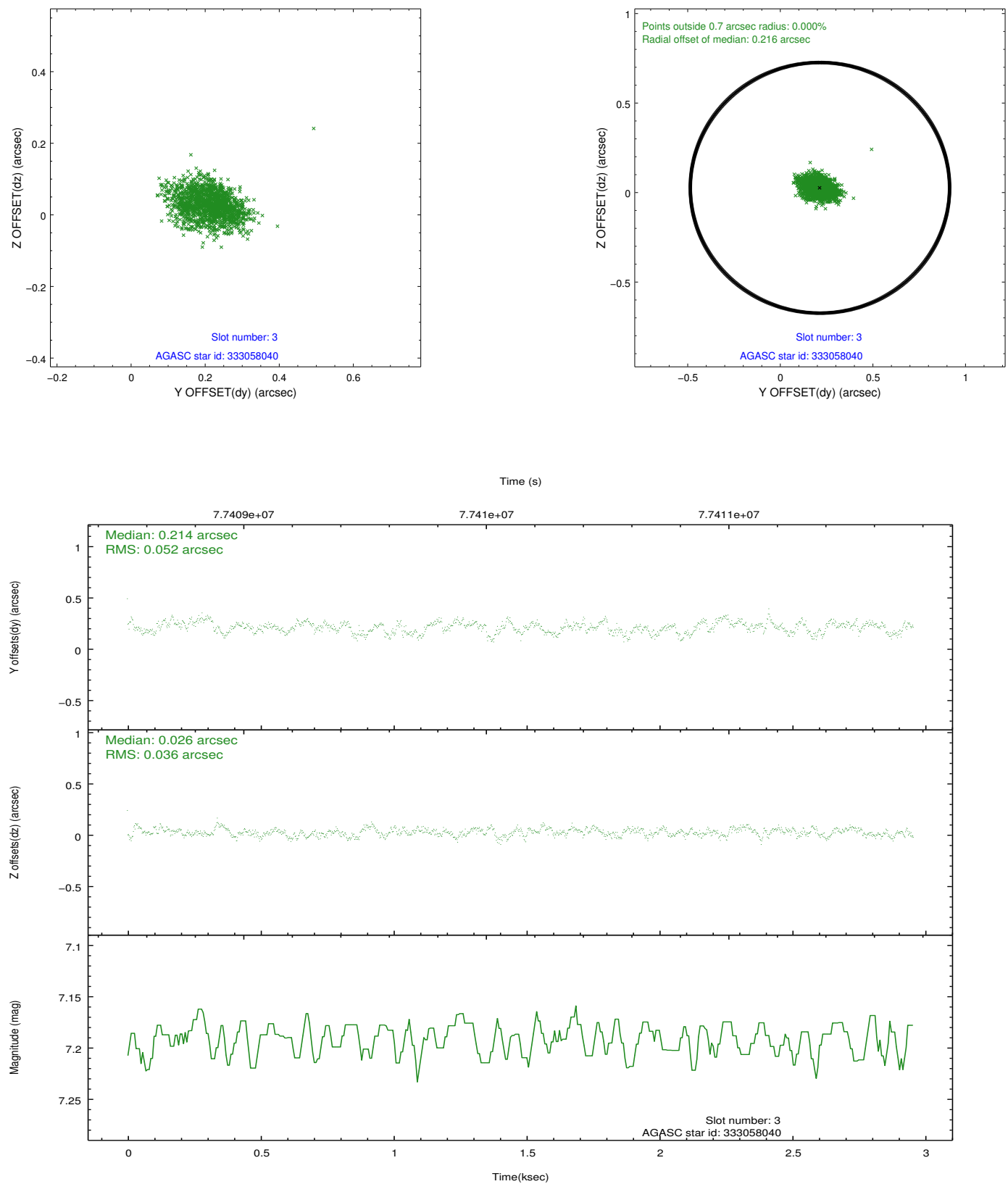


Slot Statistics

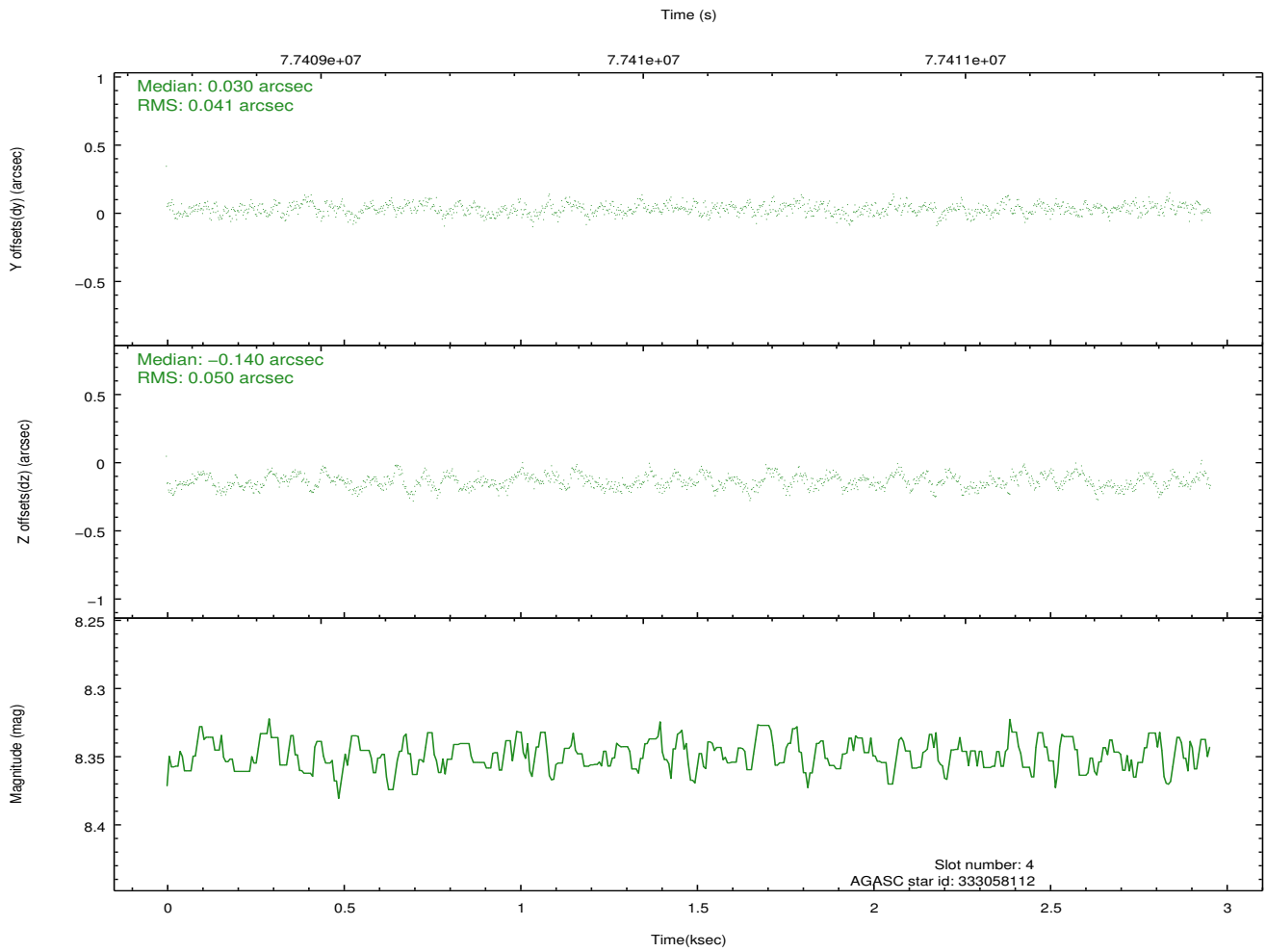
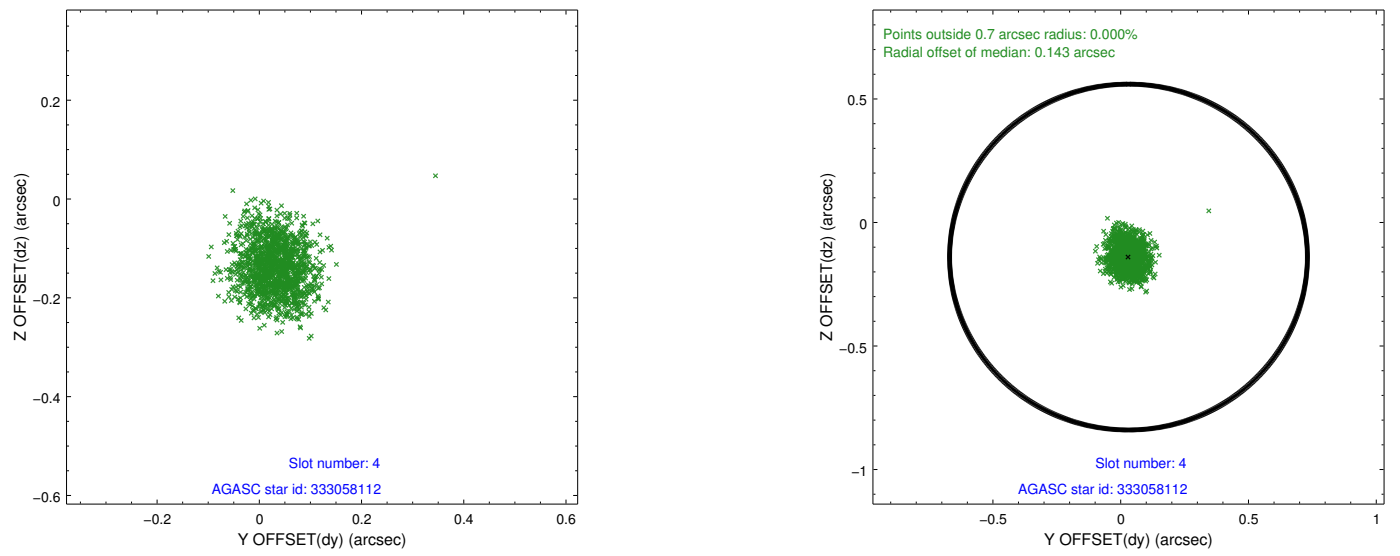
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	722	-0.019	-0.008	0.005	0.010	0.000000	0.000000	-753.86	-1725.28
1	FID	ACIS-S-4	7.21	722	-0.006	0.011	0.005	0.011	0.000000	0.000000	2158.48	180.96
2	FID	ACIS-S-5	7.23	722	-0.005	0.005	0.006	0.011	0.000000	0.000000	-1803.88	177.13
3	GUIDE	333058040	7.19	1443	0.214	0.026	0.067	0.110	198.785816	35.445798	1334.86	-1357.63
4	GUIDE	333058112	8.35	1443	0.030	-0.140	0.069	0.109	199.046872	35.885862	-406.82	-1597.03
5	GUIDE	333056976	8.89	1441	-0.065	0.150	0.074	0.122	200.168167	35.704483	-1693.78	1484.17
6	GUIDE	333058176	8.83	1442	-0.168	-0.091	0.079	0.134	199.176915	36.381304	-2103.61	-2268.43
7	GUIDE	333059688	9.57	1441	-0.008	0.053	0.094	0.156	199.875675	35.780471	-1441.23	622.82

2.4 Star Slots

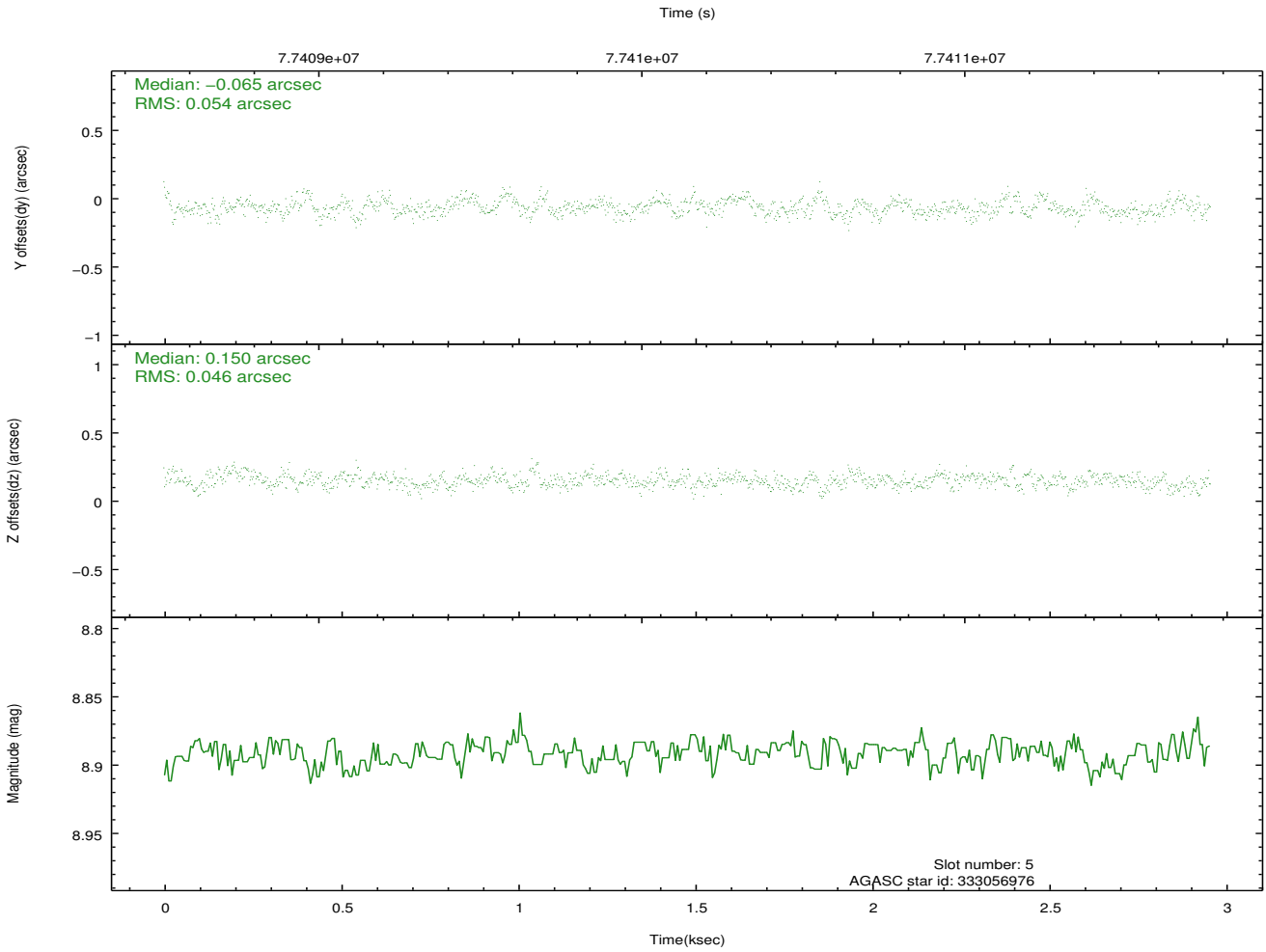
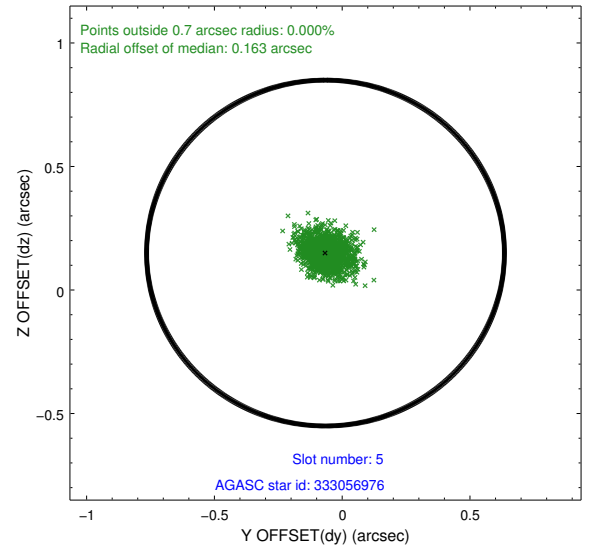
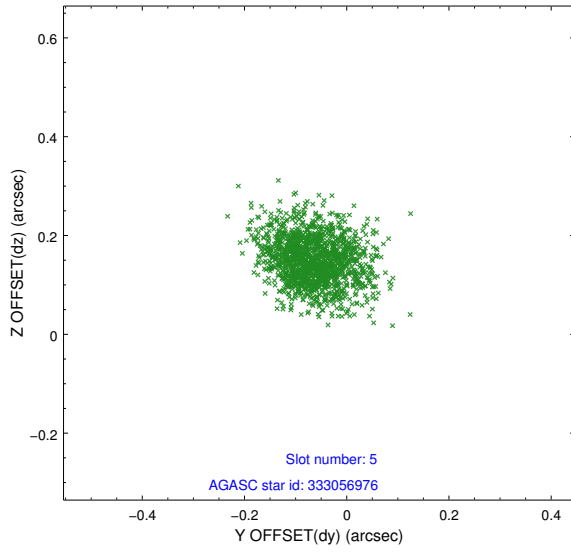
2.4.1 Slot 3



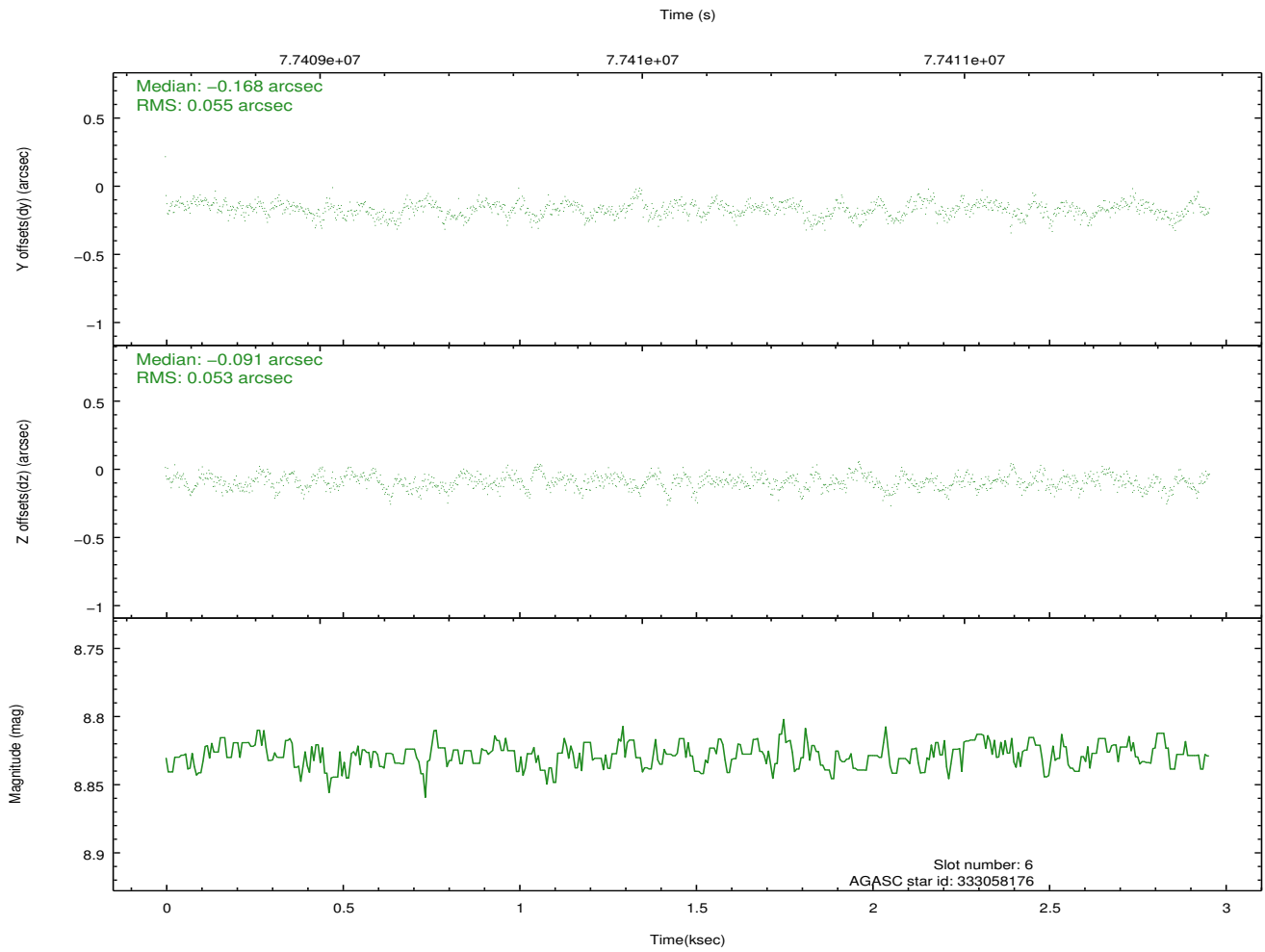
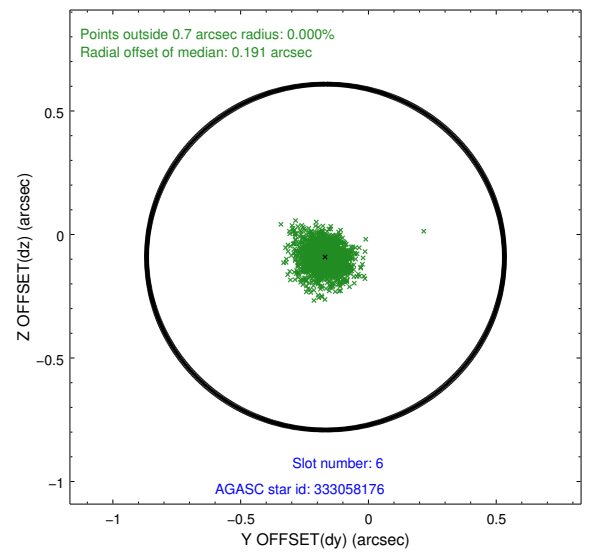
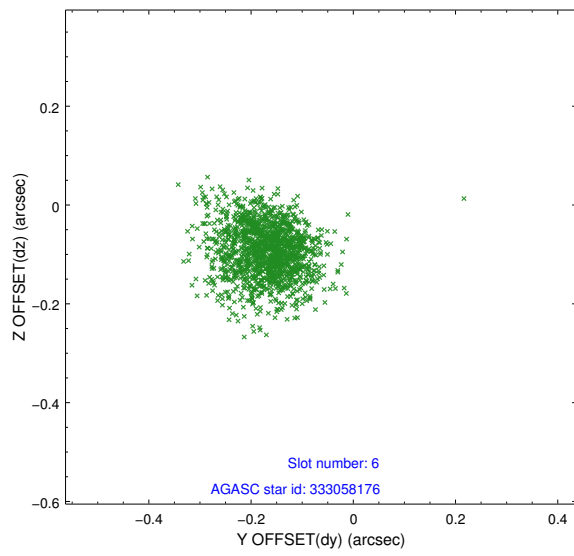
2.4.2 Slot 4



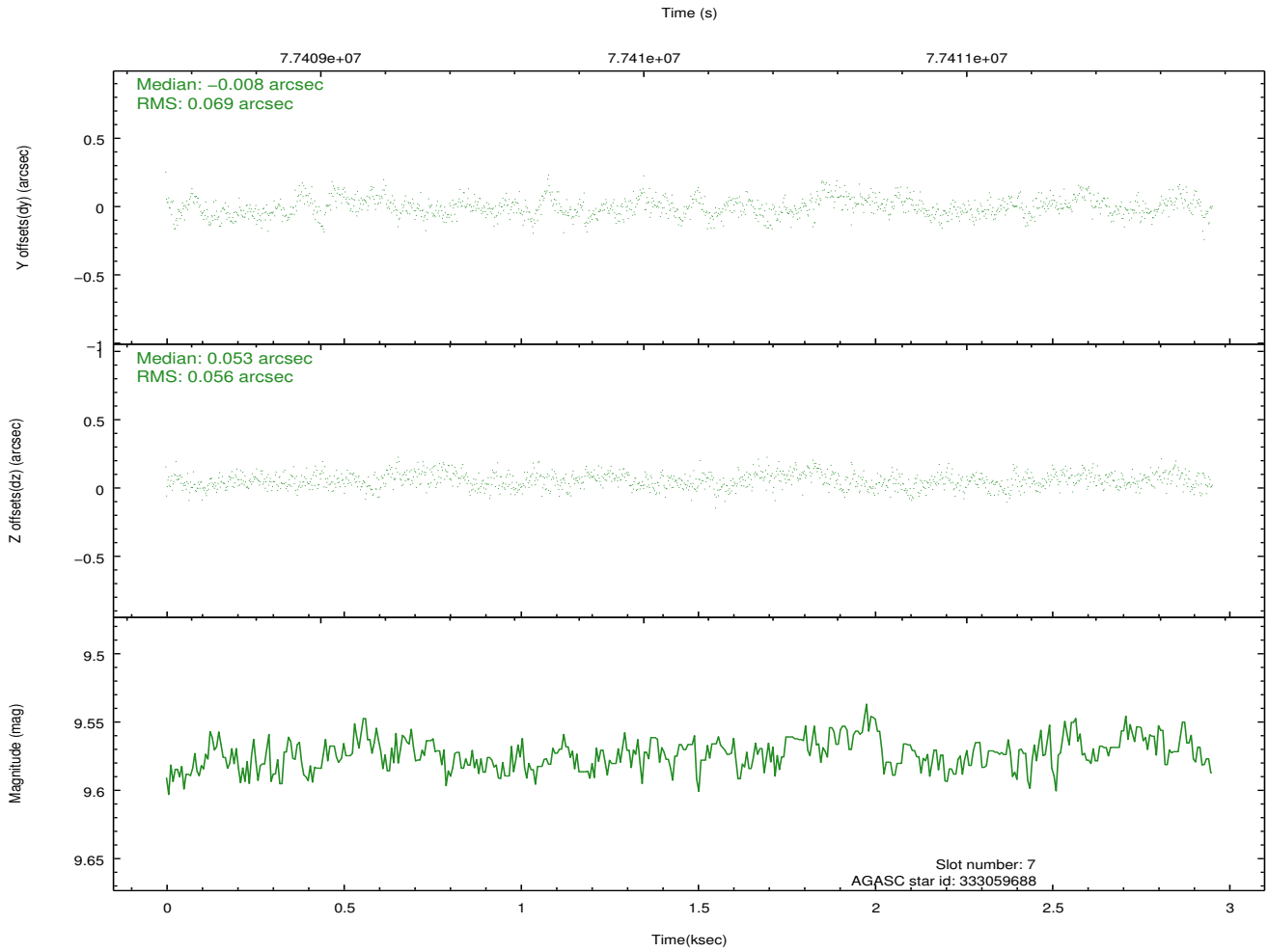
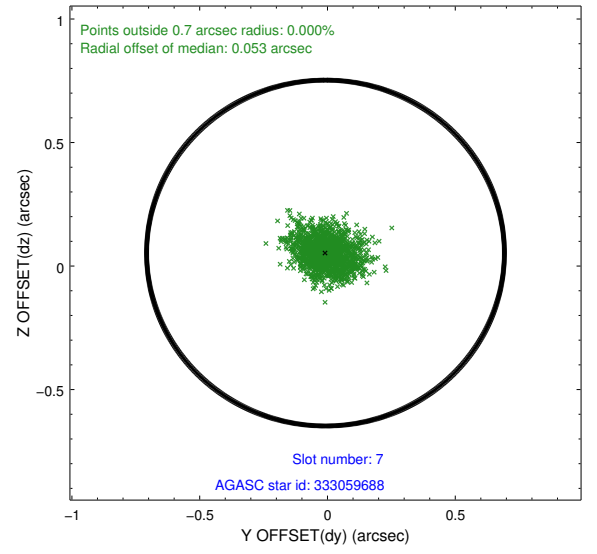
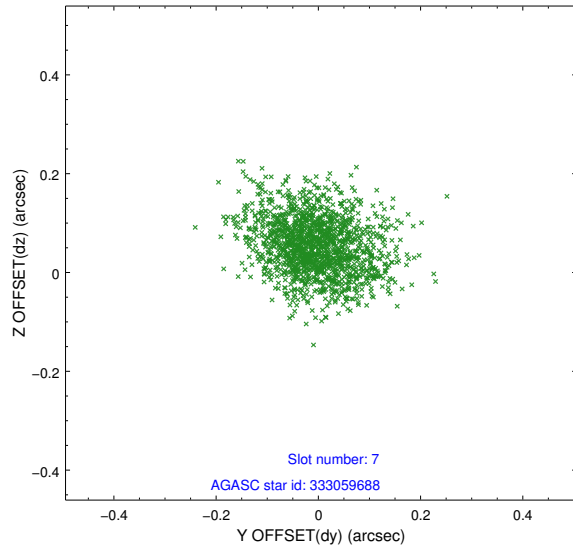
2.4.3 Slot 5



2.4.4 Slot 6

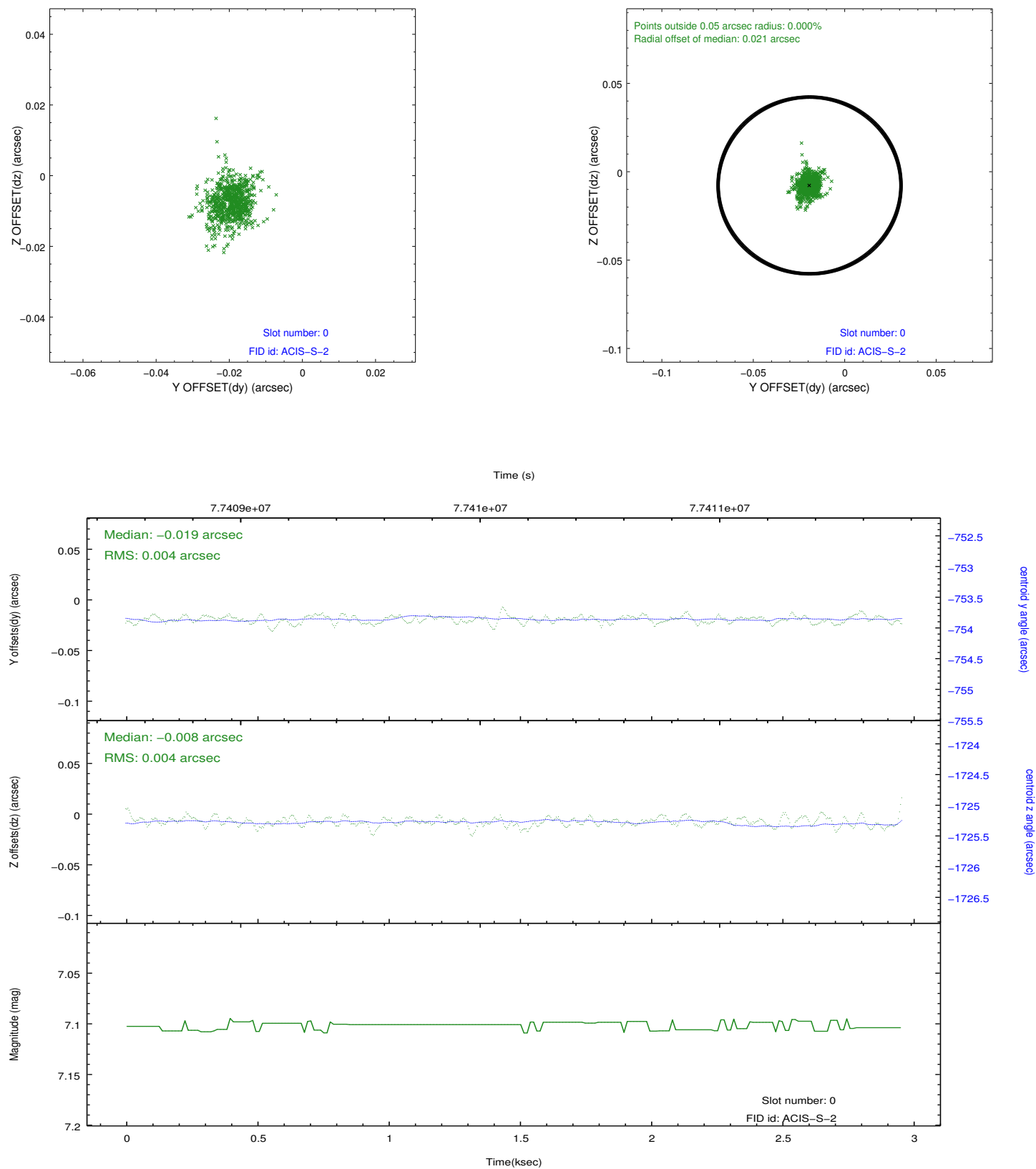


2.4.5 Slot 7

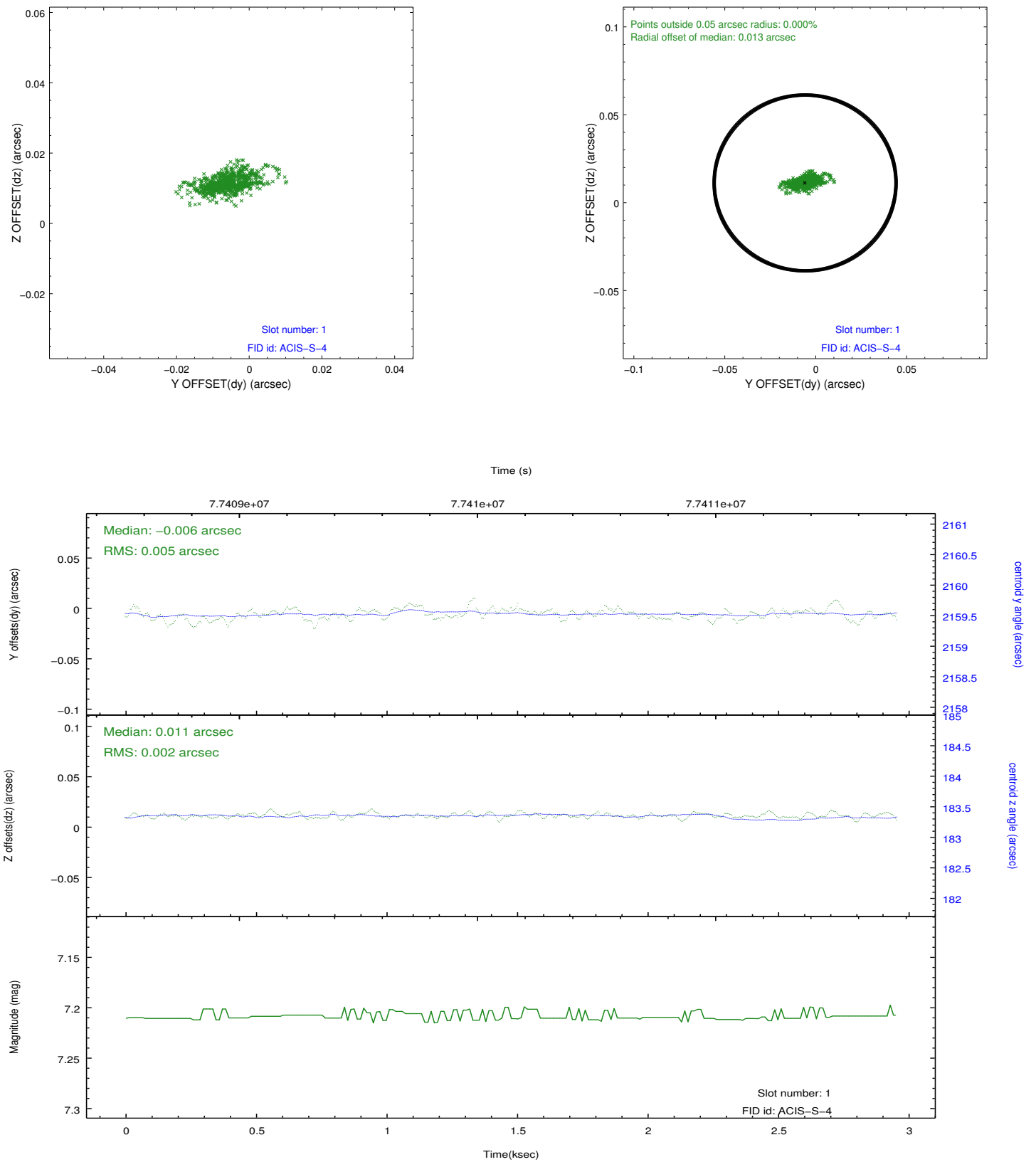


2.5 FID Slots

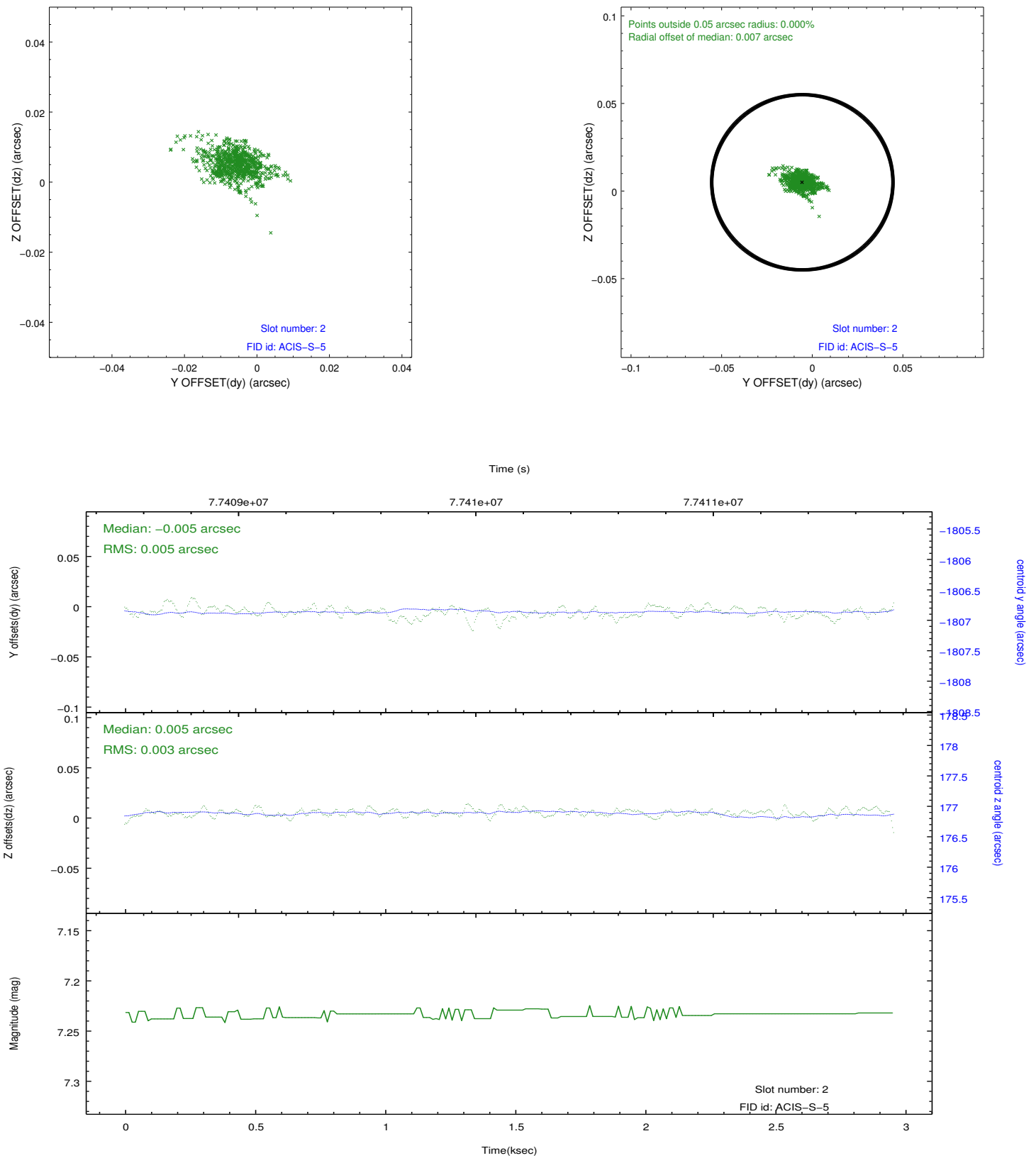
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.892

A.2 Comments