

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2199 - L2 Version 3
Chandra X-Ray Center

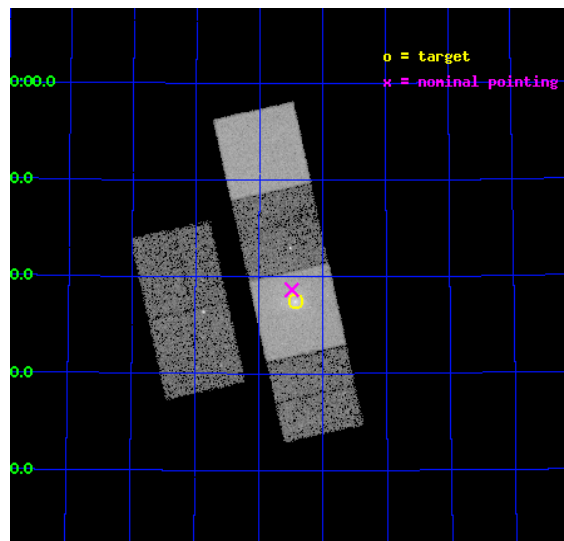
L2 Processing Date : Sep 2 2012

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1 Front

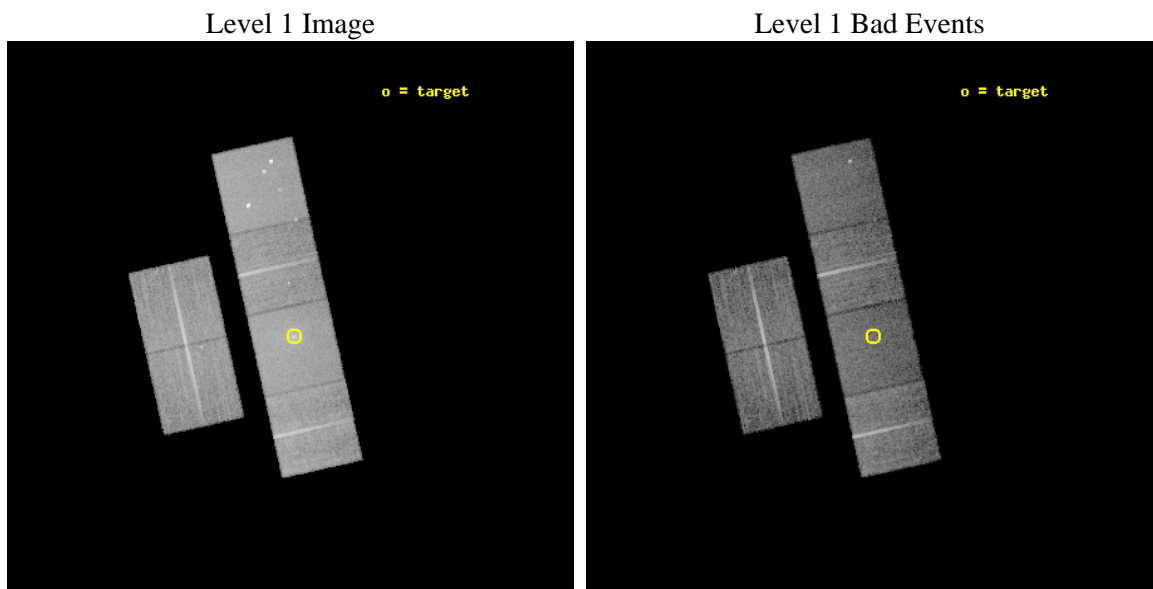
seq_num	800138	Sequence number
obs_id	2199	Observation id
title	THE INTERACTION BETWEEN RADIO GALAXIES AND ICM IN THE CORES OF CLUSTERS	Proposal title
observer	Dr Alastair Edge	Principal investigator
object	RXJ0819.6+6336	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	124.857083	Observer's specified target RA [deg]
dec_targ	63.624444	Observer's specified target Dec [deg]
ra_nom	124.87125342884	Nominal RA [deg]
dec_nom	63.644447829602	Nominal Dec [deg]
roll_nom	77.488930554082	Nominal Roll [deg]
revision	3	Processing version of data
ontime	15136.000014082	Sum of GTIs [s]
livetime	14944.338868098	Livetime [s]
ontime2	15129.51814346	Sum of GTIs [s]
ontime3	15136.000014082	Sum of GTIs [s]
ontime5	15136.000014082	Sum of GTIs [s]
ontime6	15136.000014082	Sum of GTIs [s]
ontime7	15136.000014082	Sum of GTIs [s]
ontime8	15136.000014082	Sum of GTIs [s]
l2events	157259	Number of level 2 events



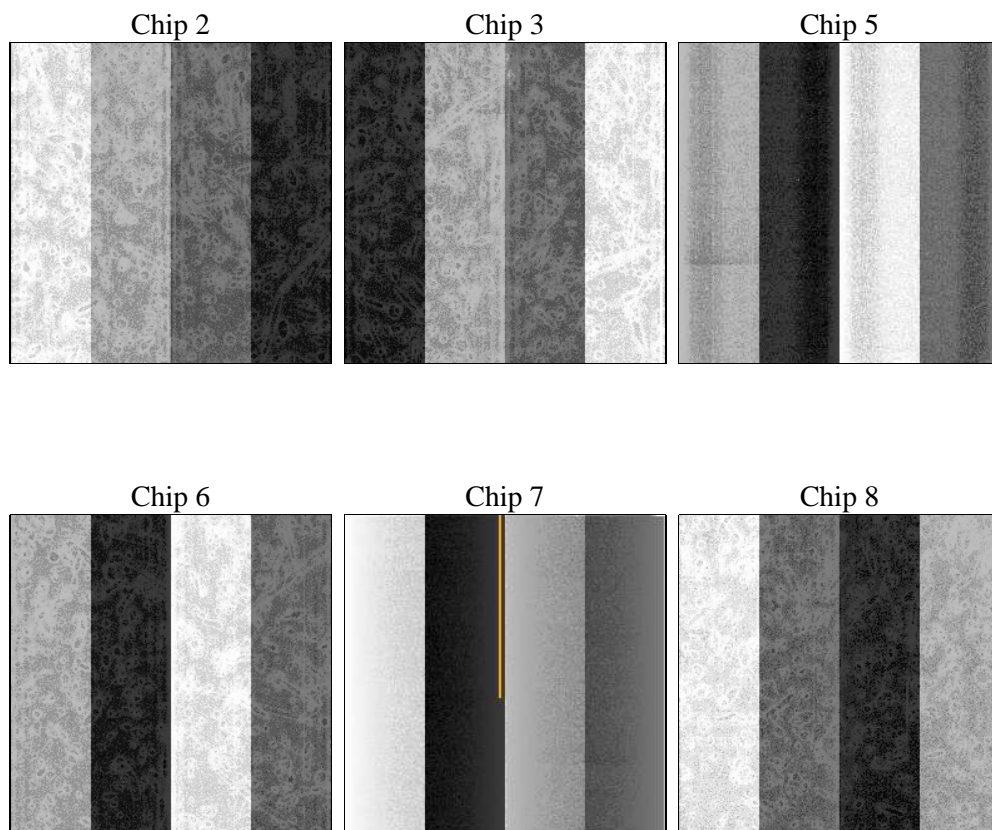
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	15000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	15136.000014082	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	15129.51814346	Sum of GTIs [s]
date	2012-09-02T09:53:31	Date and time of file creation	ontime3	15136.000014082	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	15136.000014082	Sum of GTIs [s]
			ontime6	15136.000014082	Sum of GTIs [s]
			ontime7	15136.000014082	Sum of GTIs [s]
			ontime8	15136.000014082	Sum of GTIs [s]
			l1events	692989	Number of level 1 events

2.1.4 Events

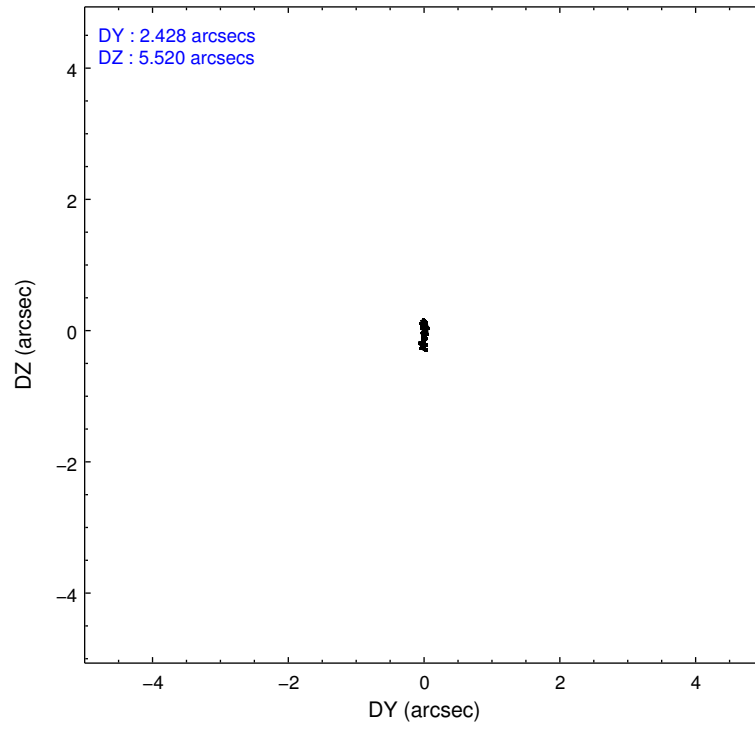
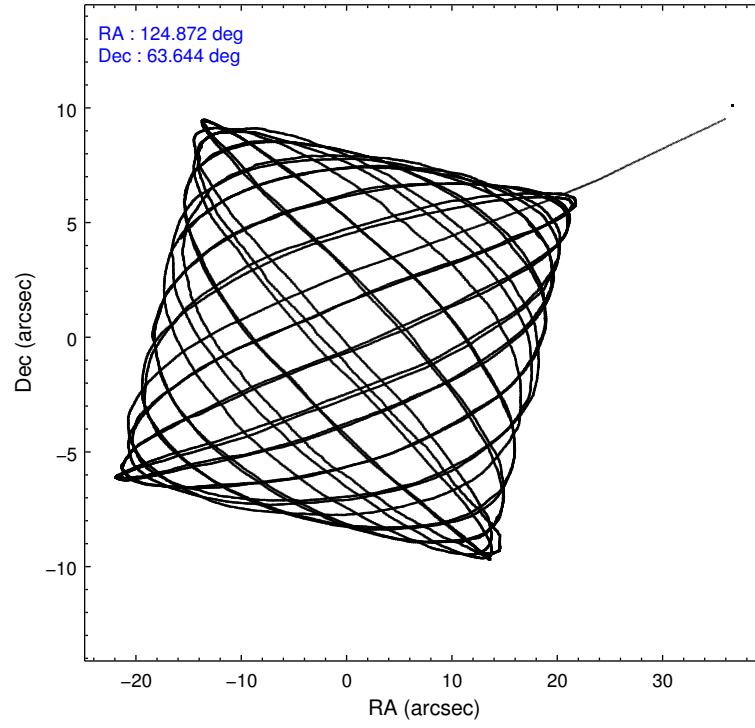
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	102003	97165	137725	100657	133463	121976	grade 0 events	4554	4695	11077	5145	8862	7809
rejected events	91371	86616	71627	88970	70589	97618		4%	4%	8%	5%	6%	6%
rejected %	89%	89%	52%	88%	52%	80%	grade 1 events	27	50	836	38	112	66
								0%	0%	0%	0%	0%	0%
							grade 2 events	2255	2051	18371	2228	13015	5098
								2%	2%	13%	2%	9%	4%
							grade 3 events	1016	1019	2712	1087	6068	2821
								0%	1%	1%	1%	4%	2%
							grade 4 events	997	1029	2685	1130	6007	2664
								0%	1%	1%	1%	4%	2%
							grade 5 events	3333	3542	9967	3800	11452	4858
								3%	3%	7%	3%	8%	3%
							grade 6 events	1843	1791	31433	2126	29104	6036
								1%	1%	22%	2%	21%	4%
							grade 7 events	87978	82988	60644	85103	58843	92624
								86%	85%	44%	84%	44%	75%

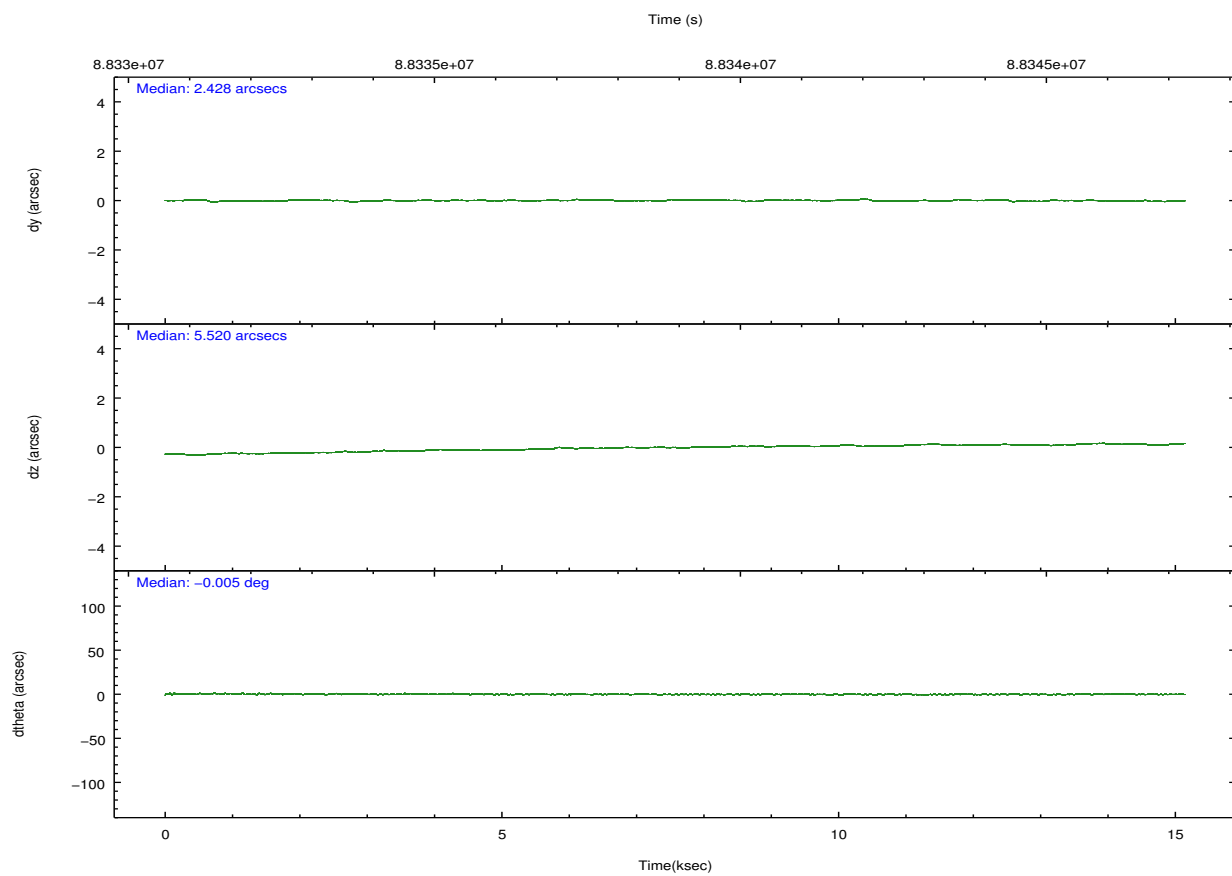
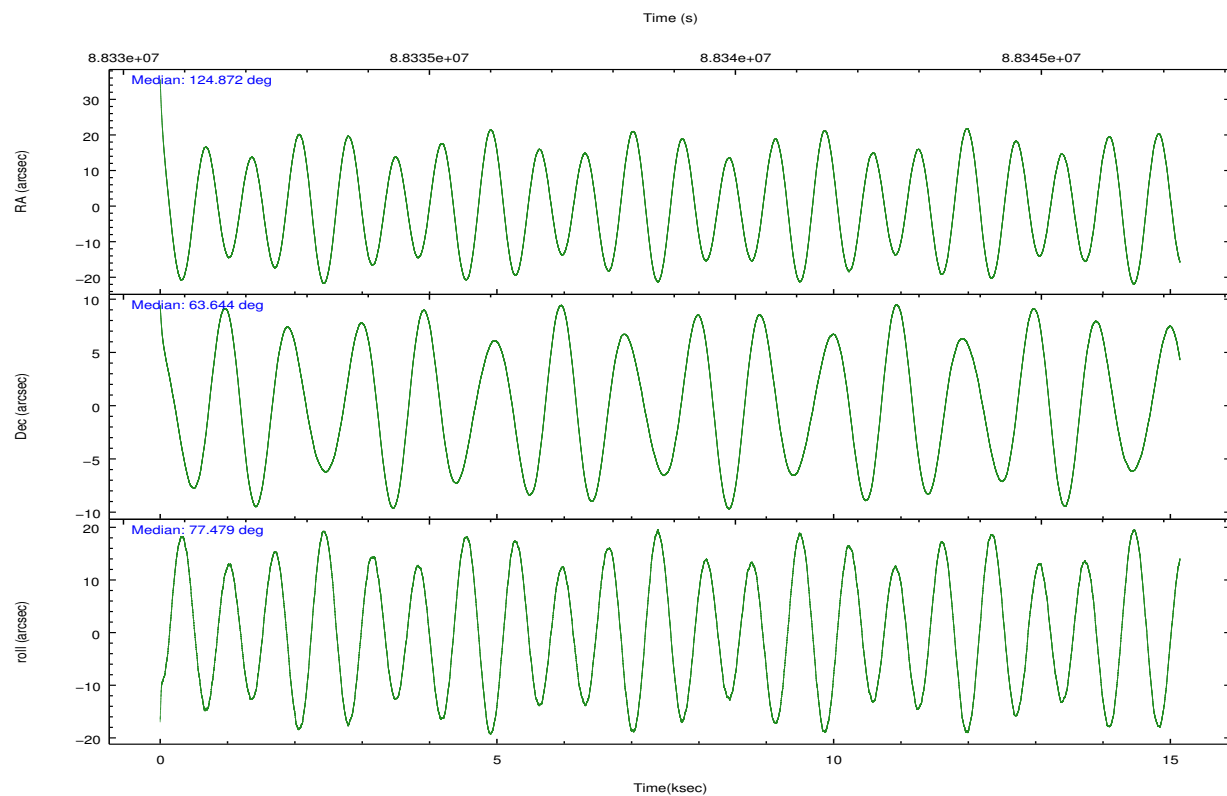
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-235678	ACIS-235678
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	124.890166	124.8712534288406
[deg] Pointing Dec	63.618420	63.64444782960186
[deg] Pointing Roll	77.315357	77.48893055408219
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1425803651734
[mm] SIM translation stage offset	0	0.01005778216563158
[s] Observation start time (MET)	88331502.184000	88330431.73391099
Observation start date	2000-10-19T08:30:38	2000-10-19T08:13:51
[s] Observation end time (MET)	88346502.184000	88347064.40954
Observation end date	2000-10-19T12:40:38	2000-10-19T12:51:04
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Aspect



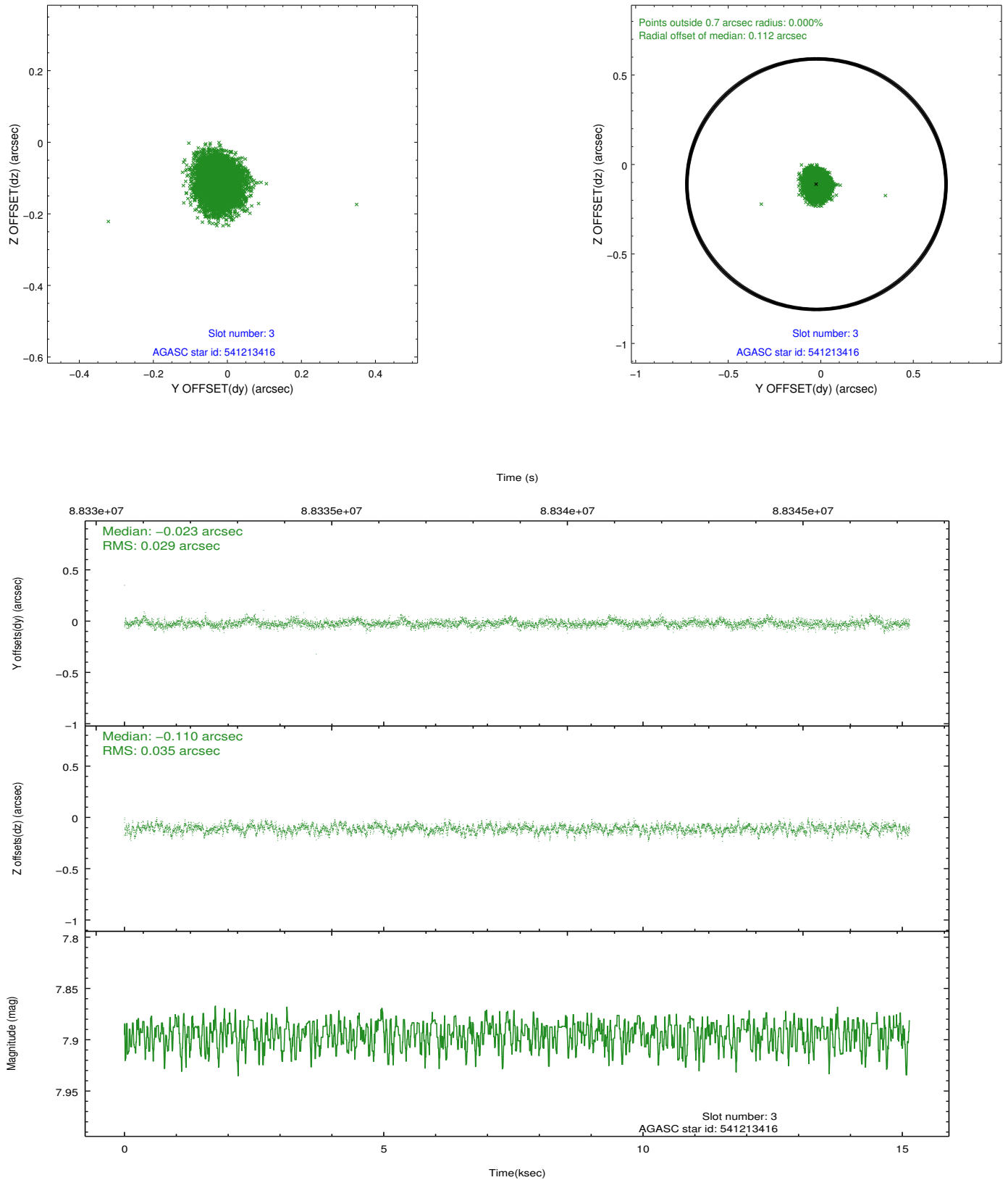


Slot Statistics

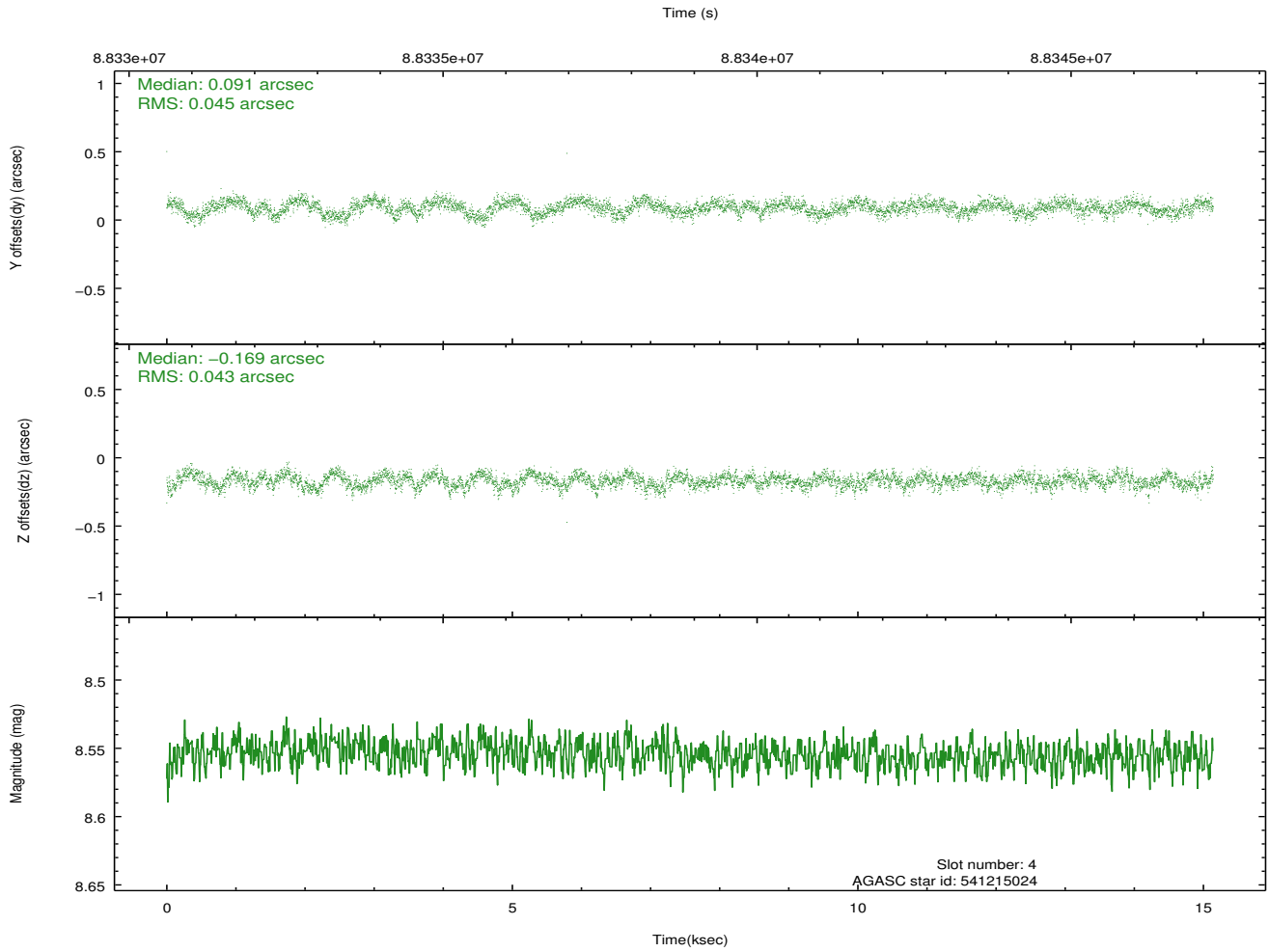
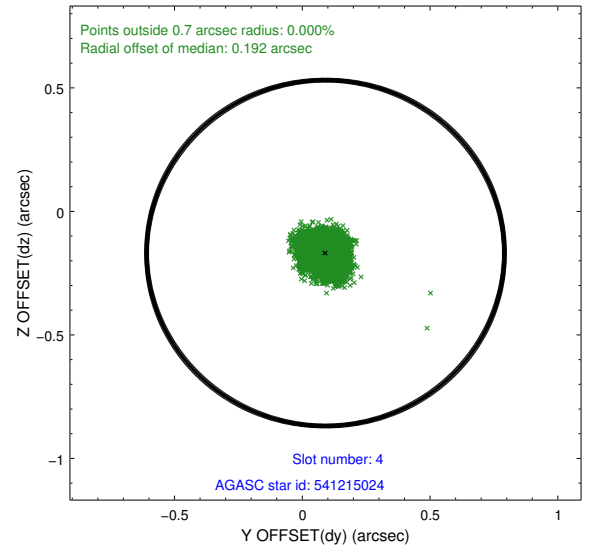
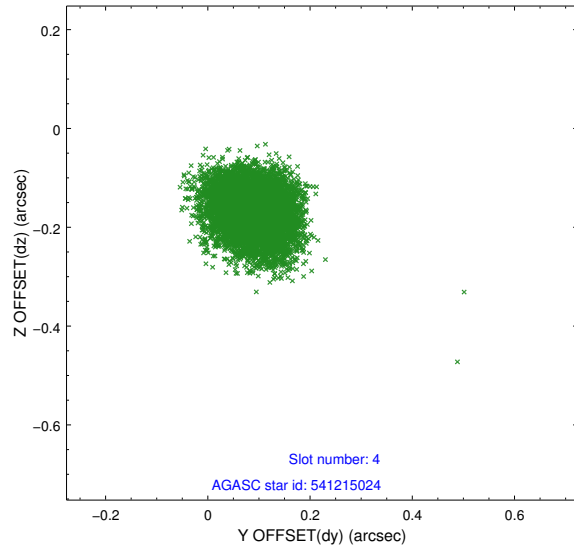
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3694	-0.047	-0.007	0.007	0.011	0.000000	0.000000	-755.06	-1726.59
1	FID	ACIS-S-4	7.20	3694	0.008	0.024	0.005	0.010	0.000000	0.000000	2158.09	181.68
2	FID	ACIS-S-5	7.23	3694	0.007	-0.008	0.007	0.011	0.000000	0.000000	-1807.51	175.58
3	GUIDE	541213416	7.89	7386	-0.023	-0.110	0.048	0.080	124.092958	63.730099	120.86	1329.71
4	GUIDE	541215024	8.55	7388	0.091	-0.169	0.067	0.105	124.782420	63.562167	-235.18	124.57
5	GUIDE	541199712	8.98	7384	0.083	0.092	0.063	0.102	125.630285	63.310683	-810.95	-1408.75
6	GUIDE	541212432	9.12	7384	-0.016	0.089	0.069	0.113	125.331076	63.704075	457.67	-617.25
7	GUIDE	541337424	9.52	7381	-0.138	0.100	0.093	0.154	126.570903	63.968743	1847.94	-2304.90

2.4 Star Slots

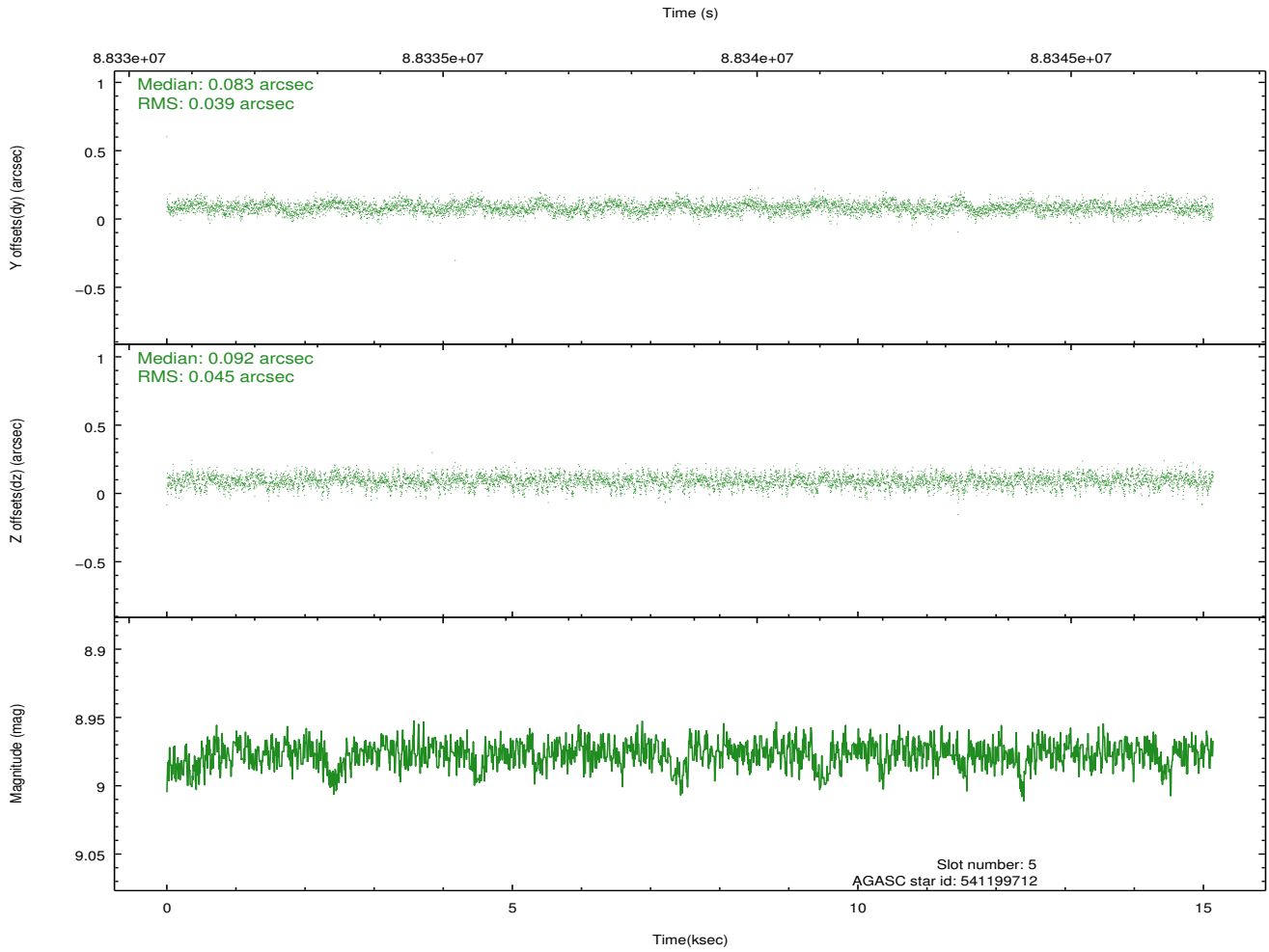
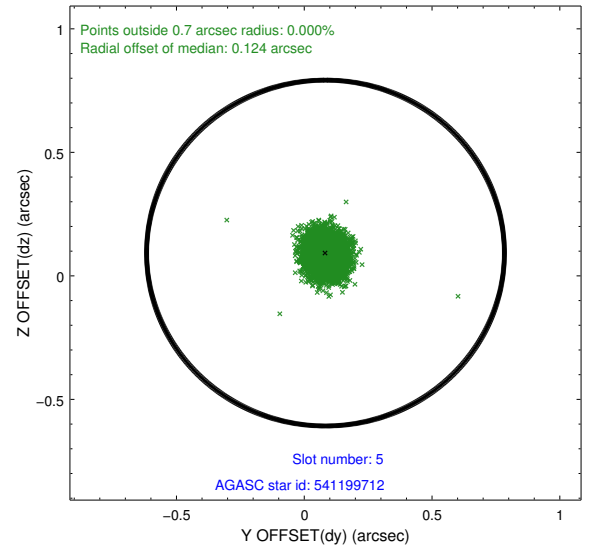
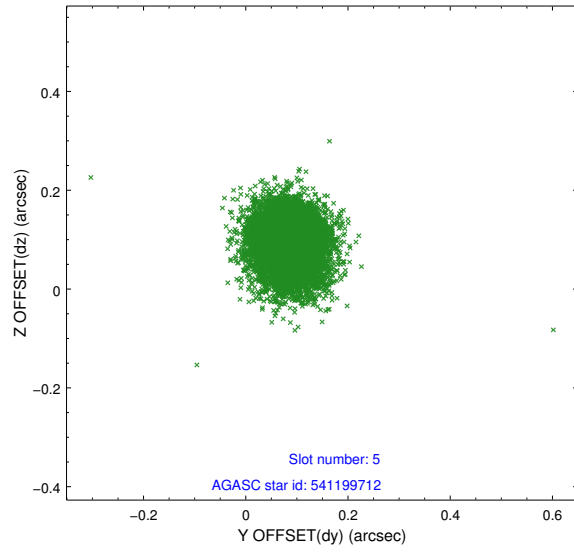
2.4.1 Slot 3



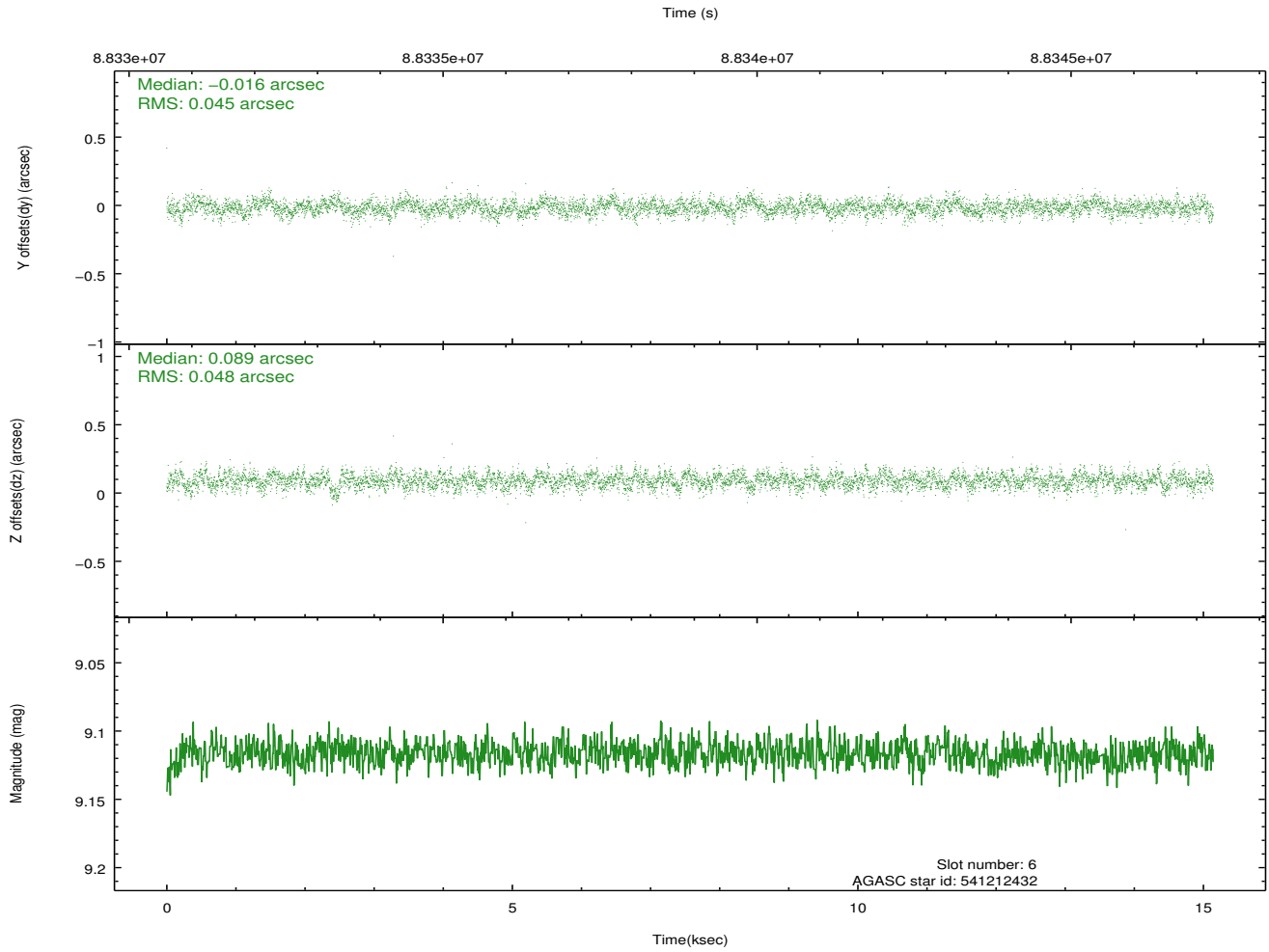
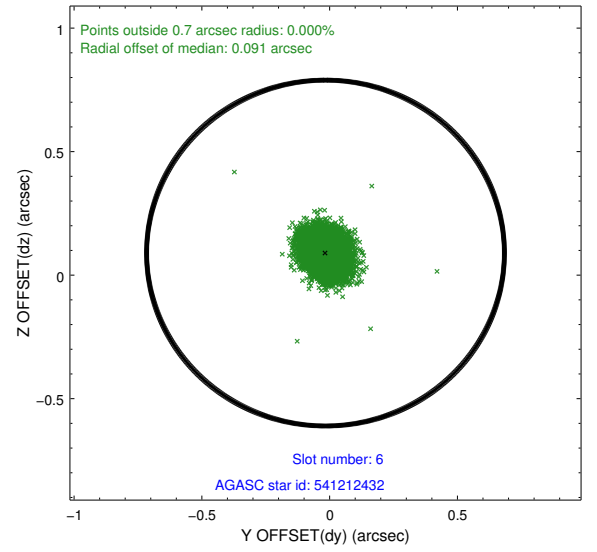
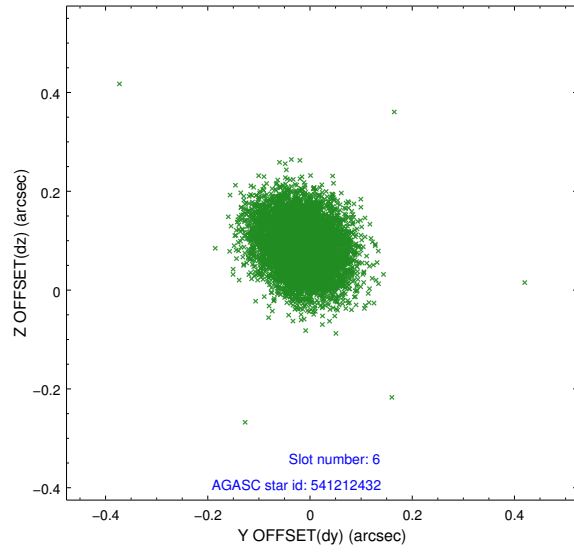
2.4.2 Slot 4



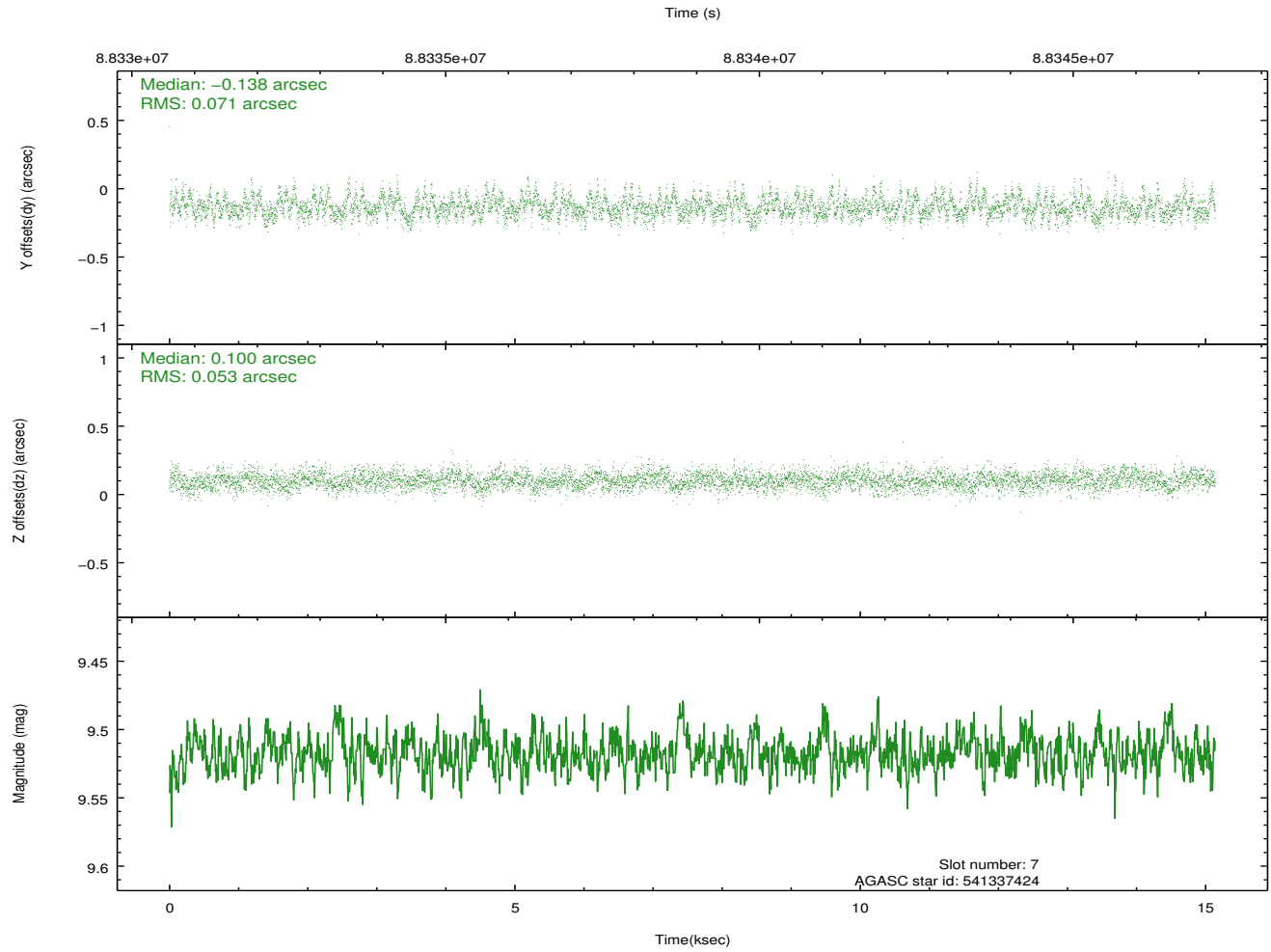
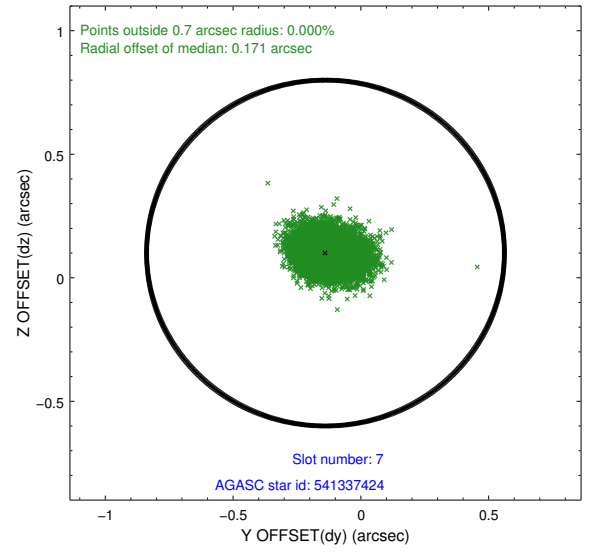
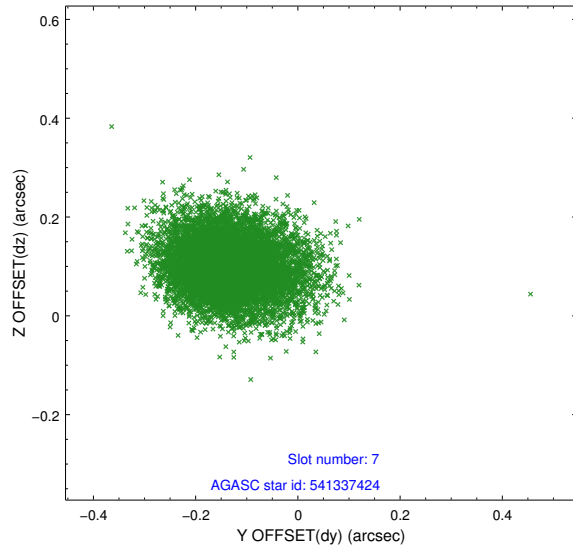
2.4.3 Slot 5



2.4.4 Slot 6

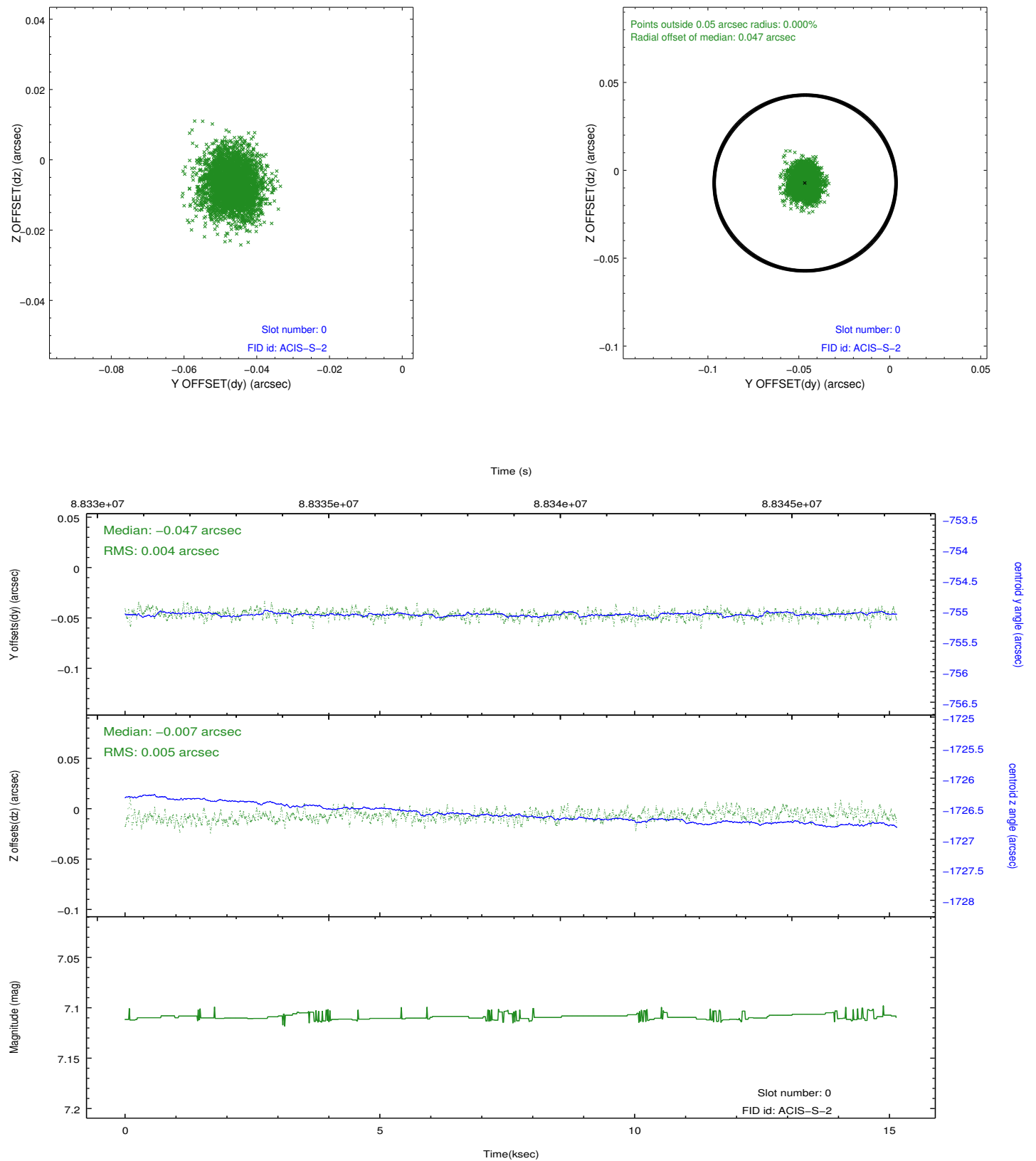


2.4.5 Slot 7

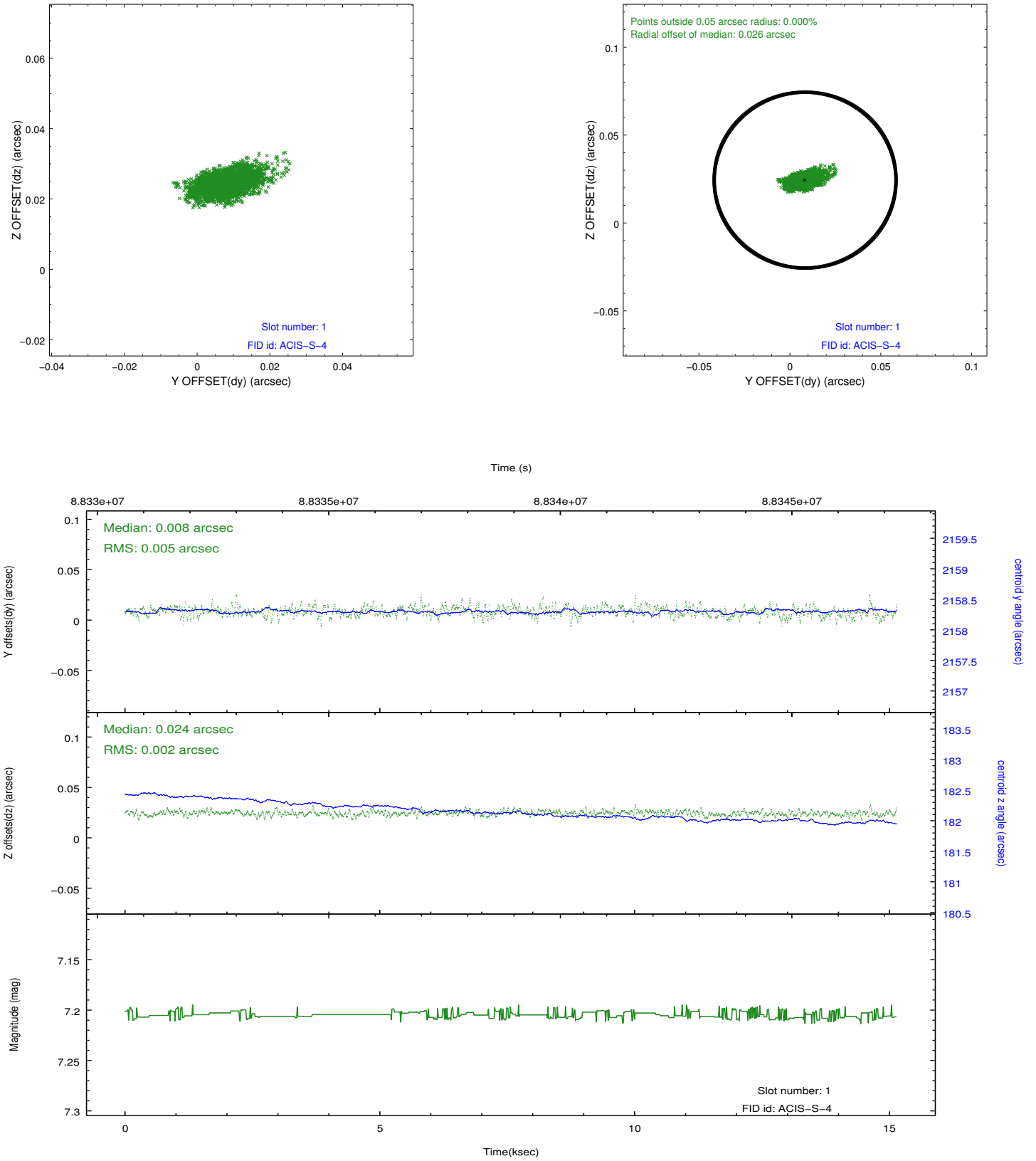


2.5 FID Slots

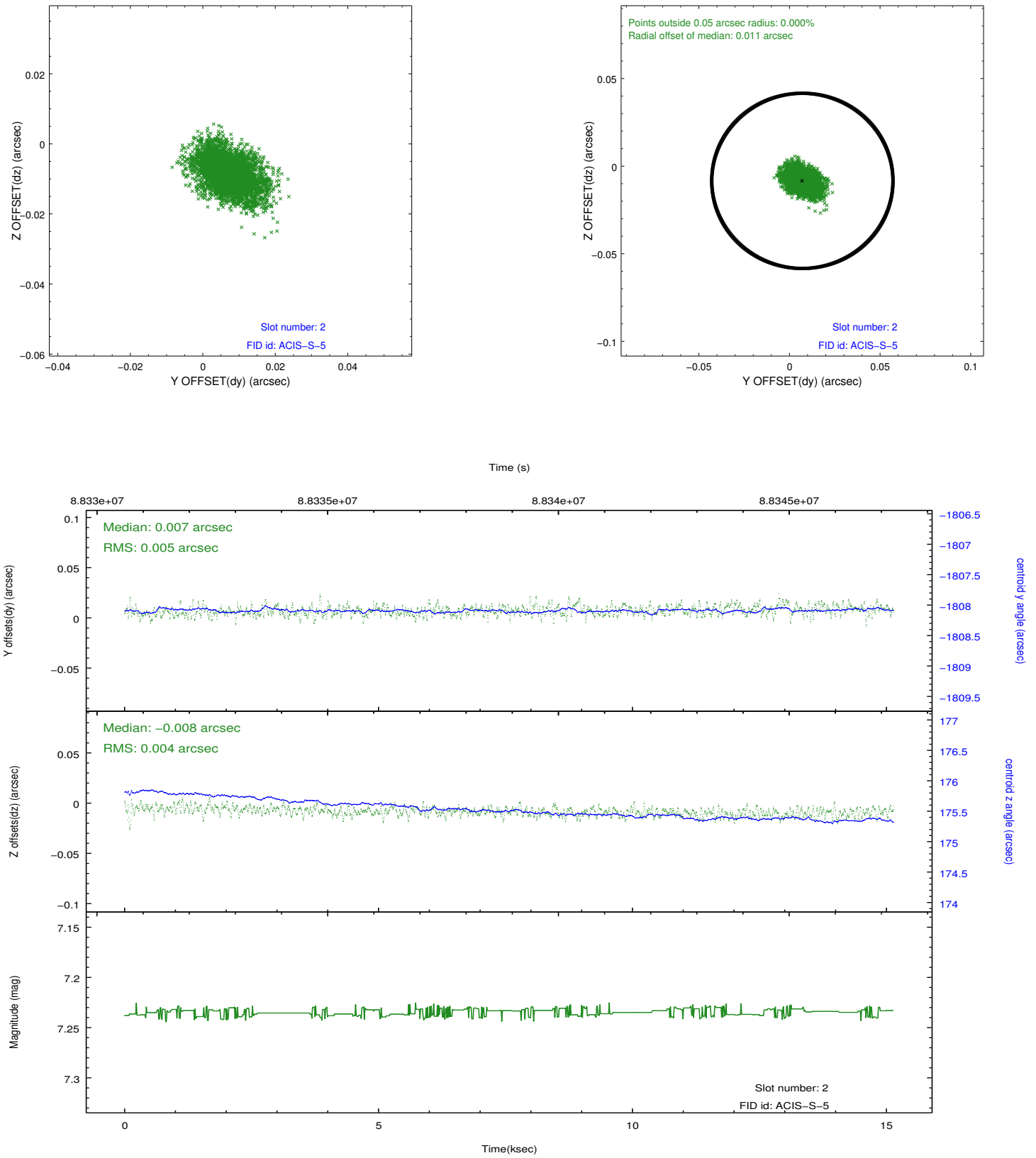
2.5.1 Slot 0



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)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.136

A.2 Comments