

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10269 - L2 Version 2
Chandra X-Ray Center

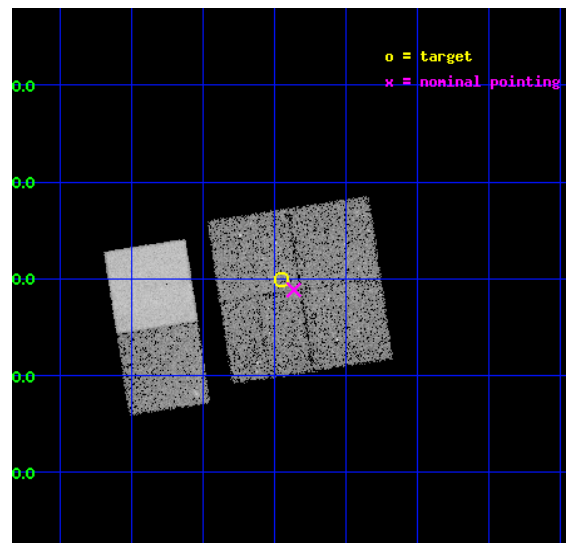
L2 Processing Date : Jun 2 2012

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1 Front

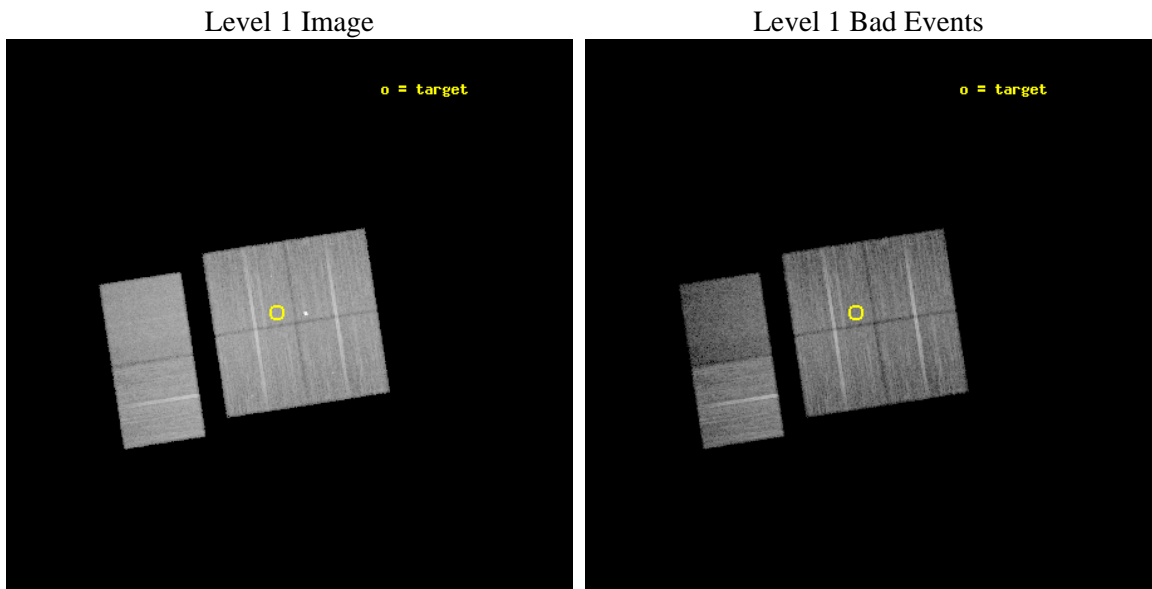
seq_num	701812	Sequence number
obs_id	10269	Observation id
title	Using Chandra and HST to Construct the First Detailed Timeline of Early-Type Galaxy Evolution	Proposal title
observer	Prof. Ann Zabludoff	Principal investigator
object	SDSSJ094426.96+042956.8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	146.112083	Observer's specified target RA [deg]
dec_targ	4.499111	Observer's specified target Dec [deg]
ra_nom	146.09056078559	Nominal RA [deg]
dec_nom	4.4811922055331	Nominal Dec [deg]
roll_nom	261.21037149405	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15043.199944019	Sum of GTIs [s]
livetime	14852.713888401	Livetime [s]
ontime0	15043.199944019	Sum of GTIs [s]
ontime1	15036.717903018	Sum of GTIs [s]
ontime2	15043.199944019	Sum of GTIs [s]
ontime3	15043.199944019	Sum of GTIs [s]
ontime6	15043.199944019	Sum of GTIs [s]
ontime7	15043.199944019	Sum of GTIs [s]
l2events	105176	Number of level 2 events



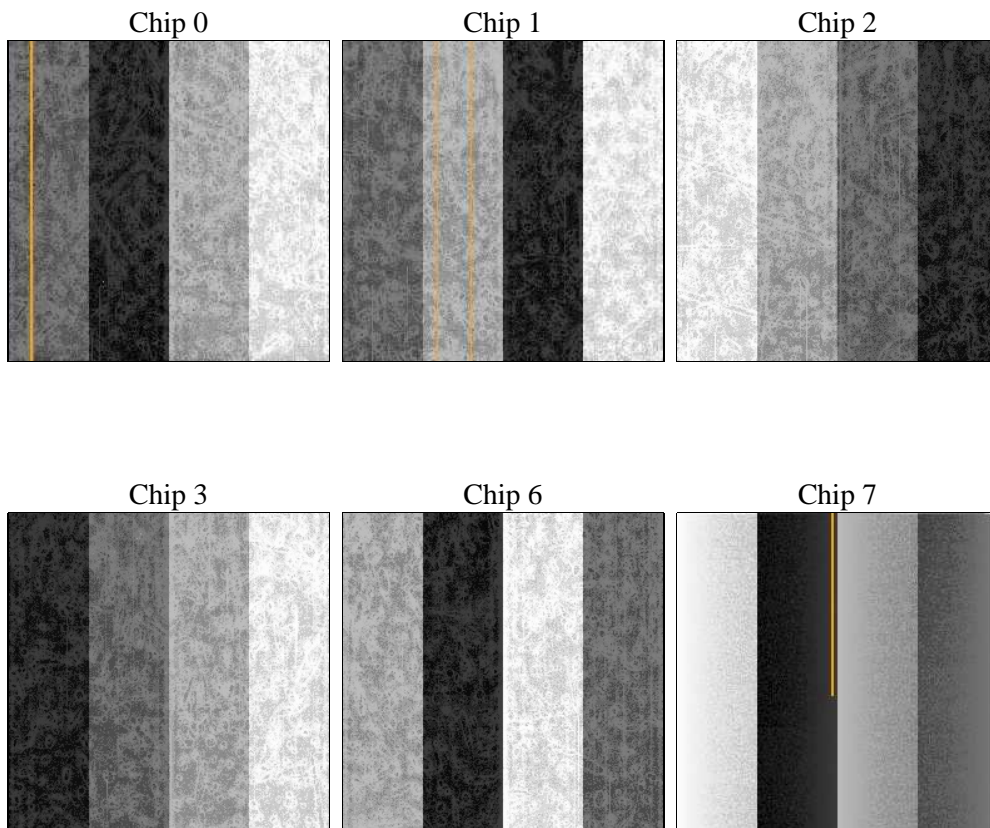
2 OBI

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	8.4.4	Processing system revision	ontime	15043.199944019	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	15043.199944019	Sum of GTIs [s]
date	2012-06-02T15:04:36	Date and time of file creation	ontime1	15036.717903018	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	15043.199944019	Sum of GTIs [s]
			ontime3	15043.199944019	Sum of GTIs [s]
			ontime6	15043.199944019	Sum of GTIs [s]
			ontime7	15043.199944019	Sum of GTIs [s]
			l1events	708403	Number of level 1 events

2.1.4 Events

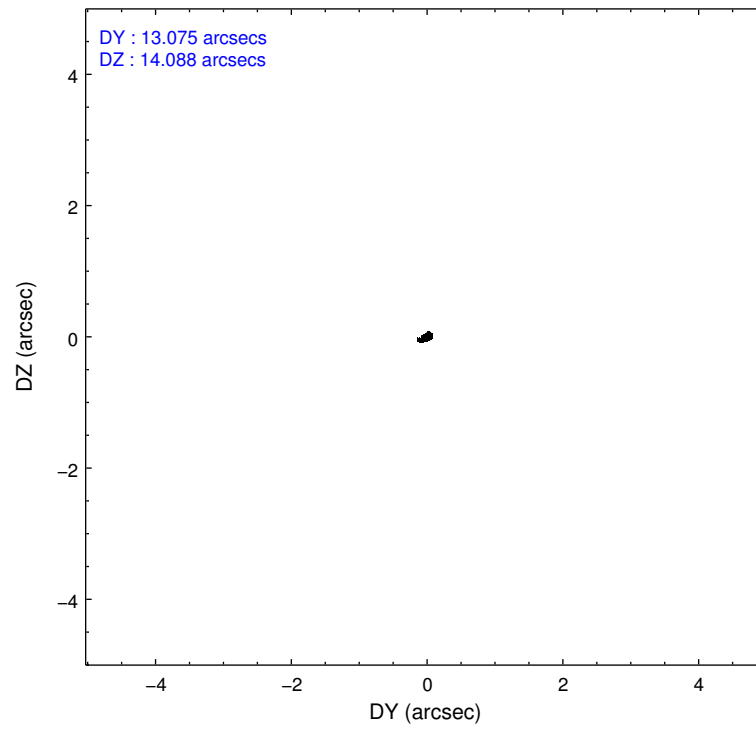
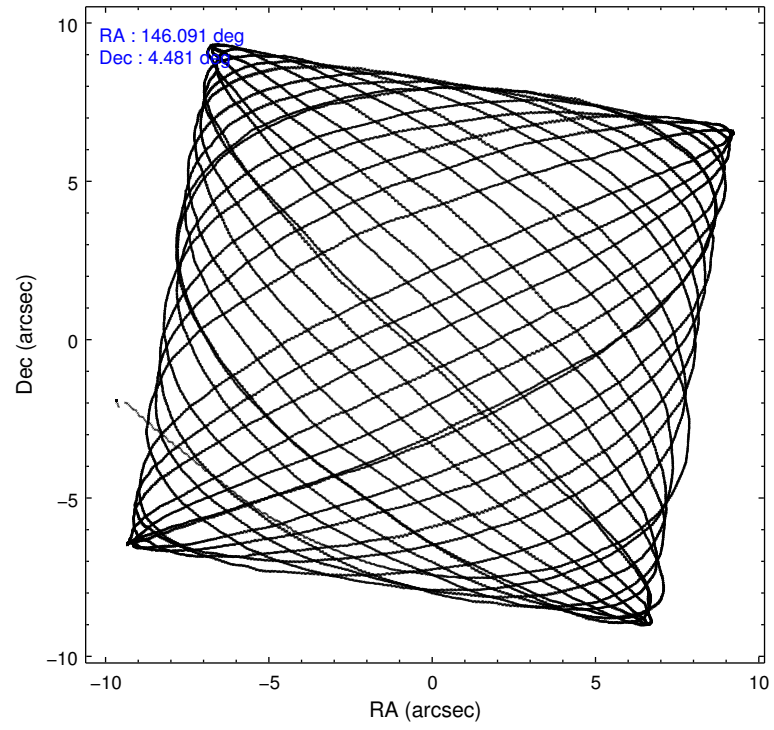
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	109935	113838	122466	119802	125185	117177	grade 0 events	4354	4328	4593	4213	4478	5835
rejected events	97885	97304	110597	108503	112643	59737		3%	3%	3%	3%	3%	4%
rejected %	89%	85%	90%	90%	89%	50%	grade 1 events	67	61	67	61	79	210
								0%	0%	0%	0%	0%	0%
							grade 2 events	2812	7019	2761	2457	2950	12398
								2%	6%	2%	2%	2%	10%
							grade 3 events	1362	1359	1260	1240	1307	5319
								1%	1%	1%	1%	1%	4%
							grade 4 events	1321	1313	1261	1243	1309	5084
								1%	1%	1%	1%	1%	4%
							grade 5 events	3630	4027	3428	4212	4281	12535
								3%	3%	2%	3%	3%	10%
							grade 6 events	2201	2516	1996	2147	2499	28812
								2%	2%	1%	1%	1%	24%
							grade 7 events	94188	93215	107100	104229	108282	46984
								85%	81%	87%	87%	86%	40%

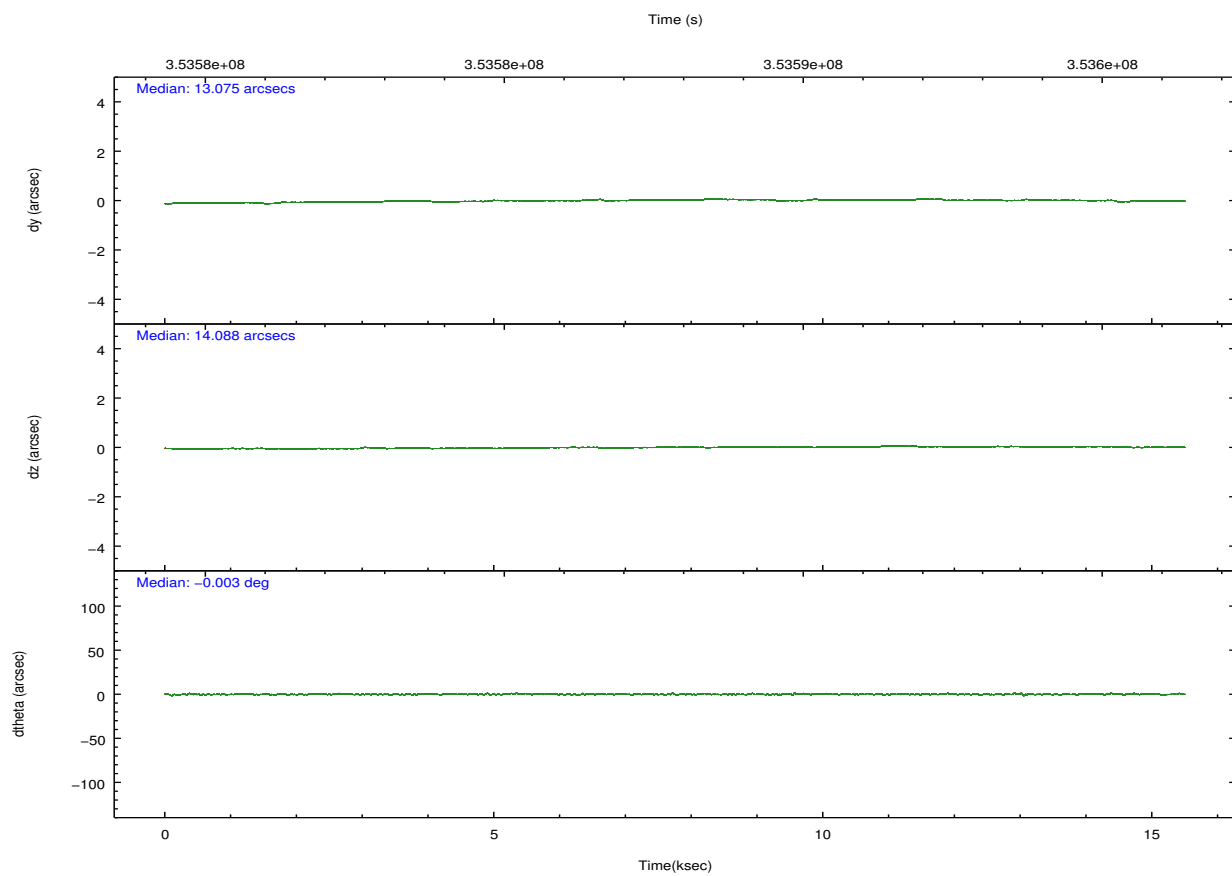
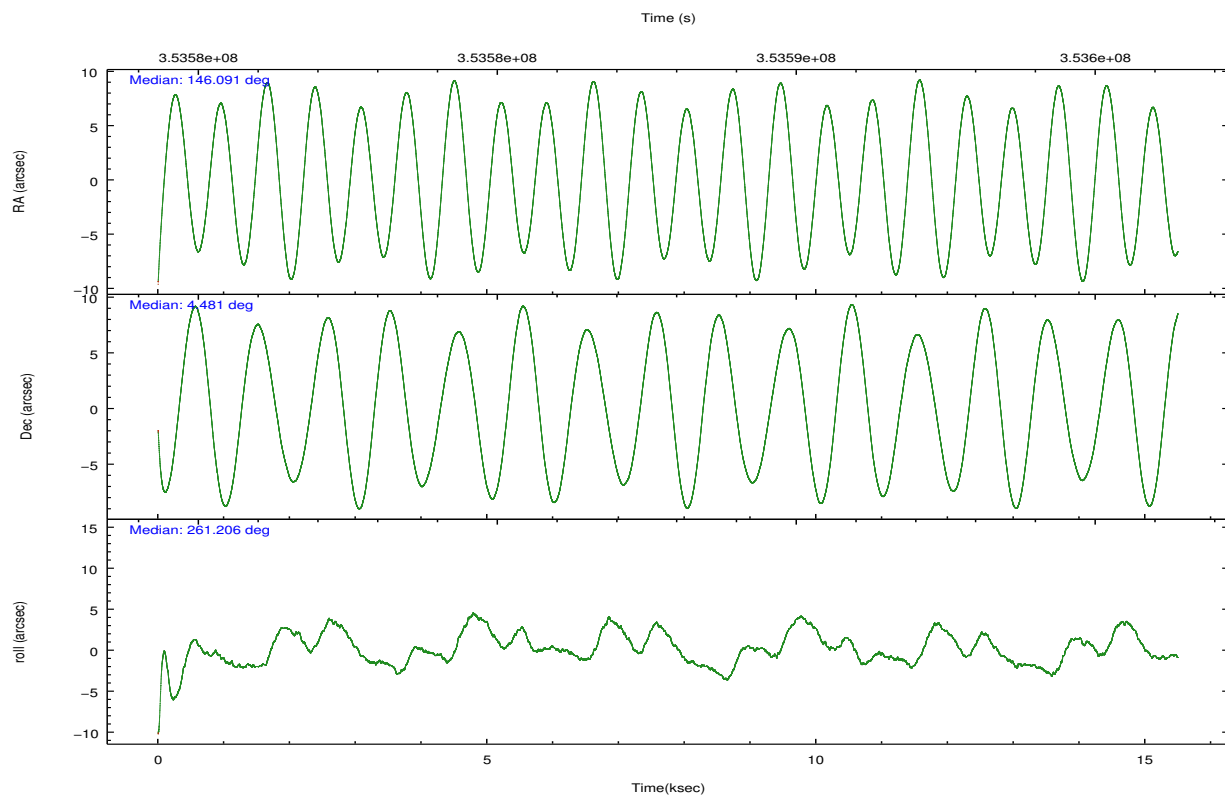
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	146.080471	146.0905607855863
[deg] Pointing Dec	4.506797	4.481192205533141
[deg] Pointing Roll	261.002479	261.2103714940451
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.001439871863259334
[mm] SIM translation stage pos	-233.592463	-233.5874344608287
[mm] SIM translation stage offset	0	-0.005018542100998502
[s] Observation start time (MET)	353580600.184000	353579437.9911
Observation start date	2009-03-16T08:48:54	2009-03-16T08:30:37
[s] Observation end time (MET)	353595600.184000	353596762.54196
Observation end date	2009-03-16T12:58:54	2009-03-16T13:19:22
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
CCD I0 on	Y	Y
CCD I1 on	Y	Y
CCD I2 on	Y	Y
CCD I3 on	Y	Y
CCD S0 on	N	N
CCD S1 on	N	N
CCD S2 on	O1	Y
CCD S3 on	O2	Y
CCD S4 on	N	N
CCD S5 on	N	N
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



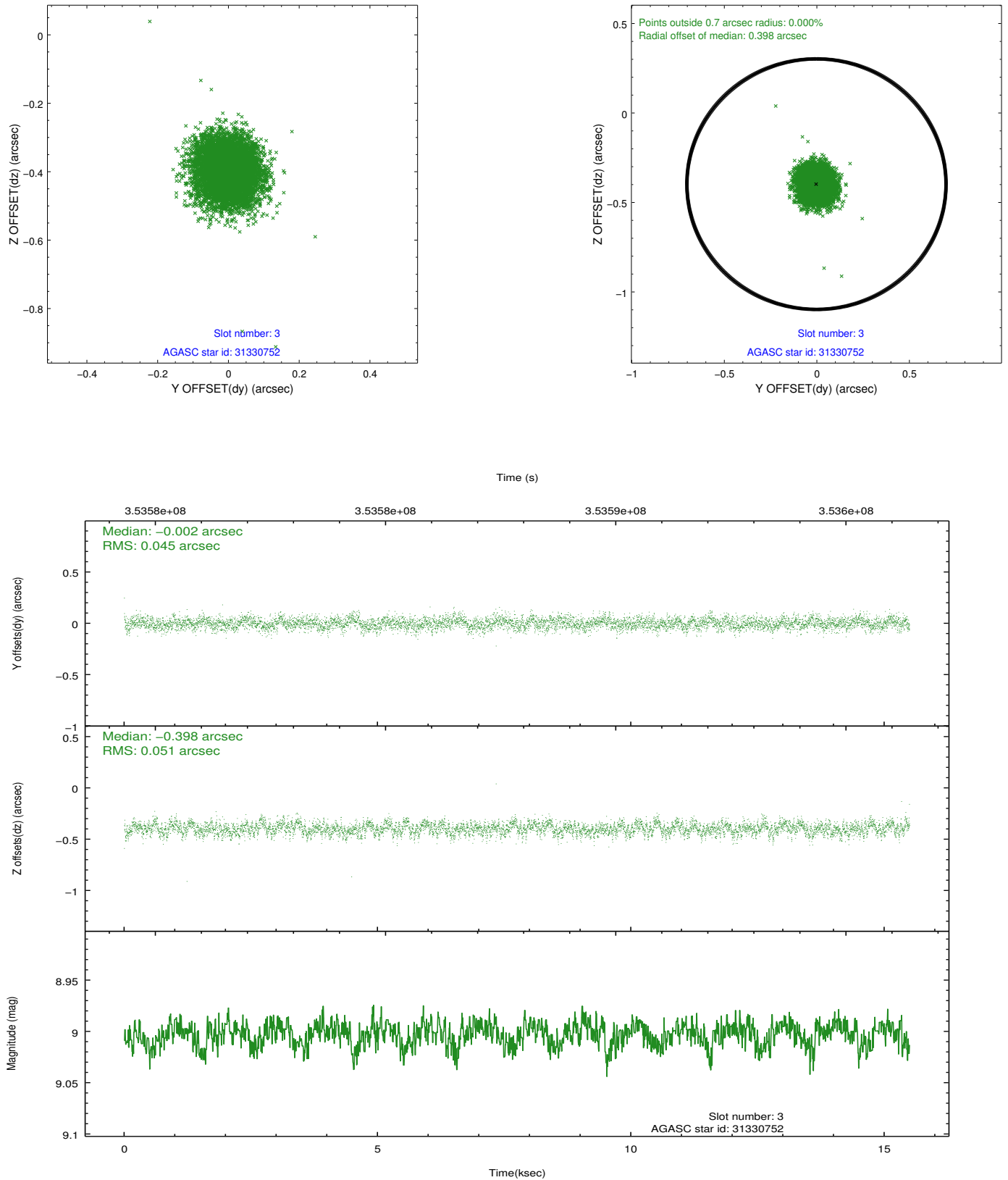


Slot Statistics

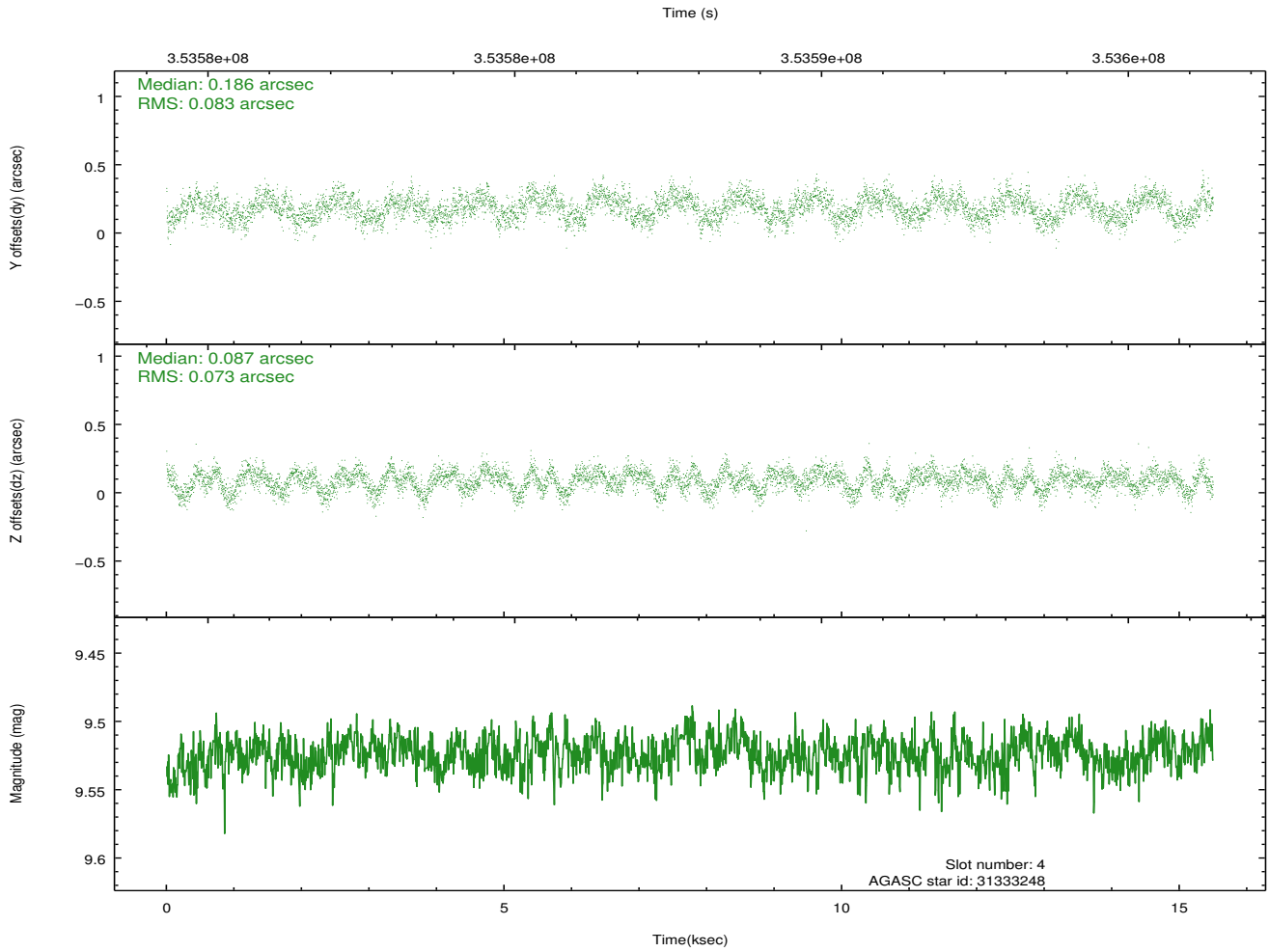
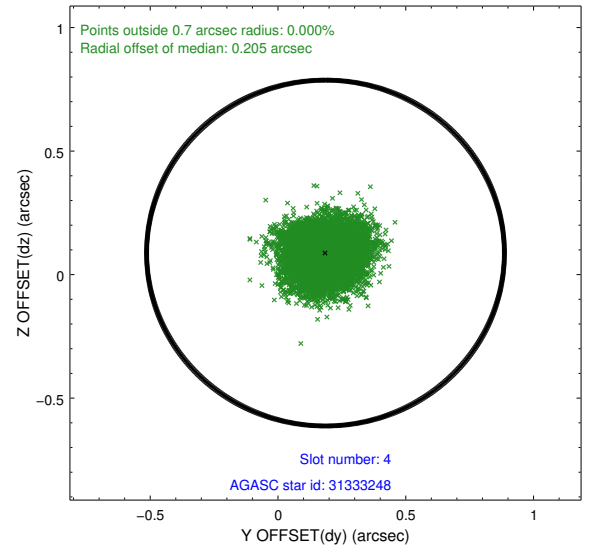
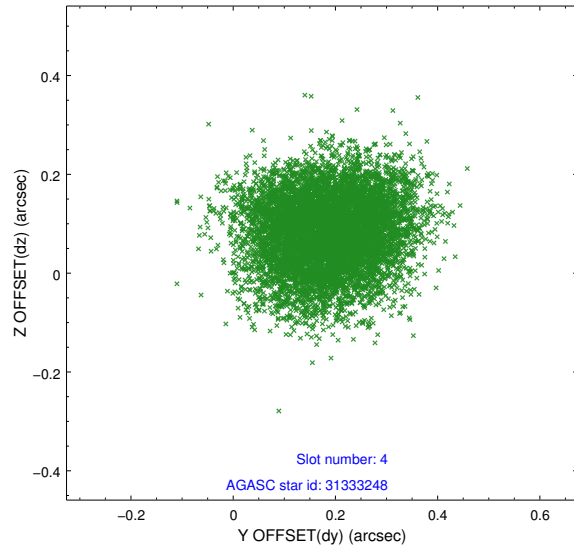
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.11	3780	0.036	0.013	0.006	0.011	0.000000	0.000000	926.50	-837.63
1	FID	ACIS-I-5	7.10	3781	-0.209	0.047	0.007	0.012	0.000000	0.000000	-1821.72	1059.71
2	FID	ACIS-I-6	7.11	3781	0.082	0.011	0.007	0.012	0.000000	0.000000	391.74	1704.53
3	GUIDE	31330752	9.00	7558	-0.002	-0.398	0.072	0.116	146.086310	4.929000	-1504.16	-217.31
4	GUIDE	31333248	9.52	7551	0.186	0.087	0.119	0.186	146.174070	3.927001	2009.41	658.72
5	GUIDE	31337296	9.12	7548	-0.088	0.123	0.112	0.171	146.104653	4.869176	-1301.56	-118.02
6	GUIDE	31341760	8.54	7491	-0.058	0.111	0.078	0.128	145.507714	4.969846	-1325.06	-2289.34
7	GUIDE	31720672	8.95	7551	-0.036	0.084	0.102	0.163	145.719775	5.025753	-1642.97	-1570.30

2.4 Star Slots

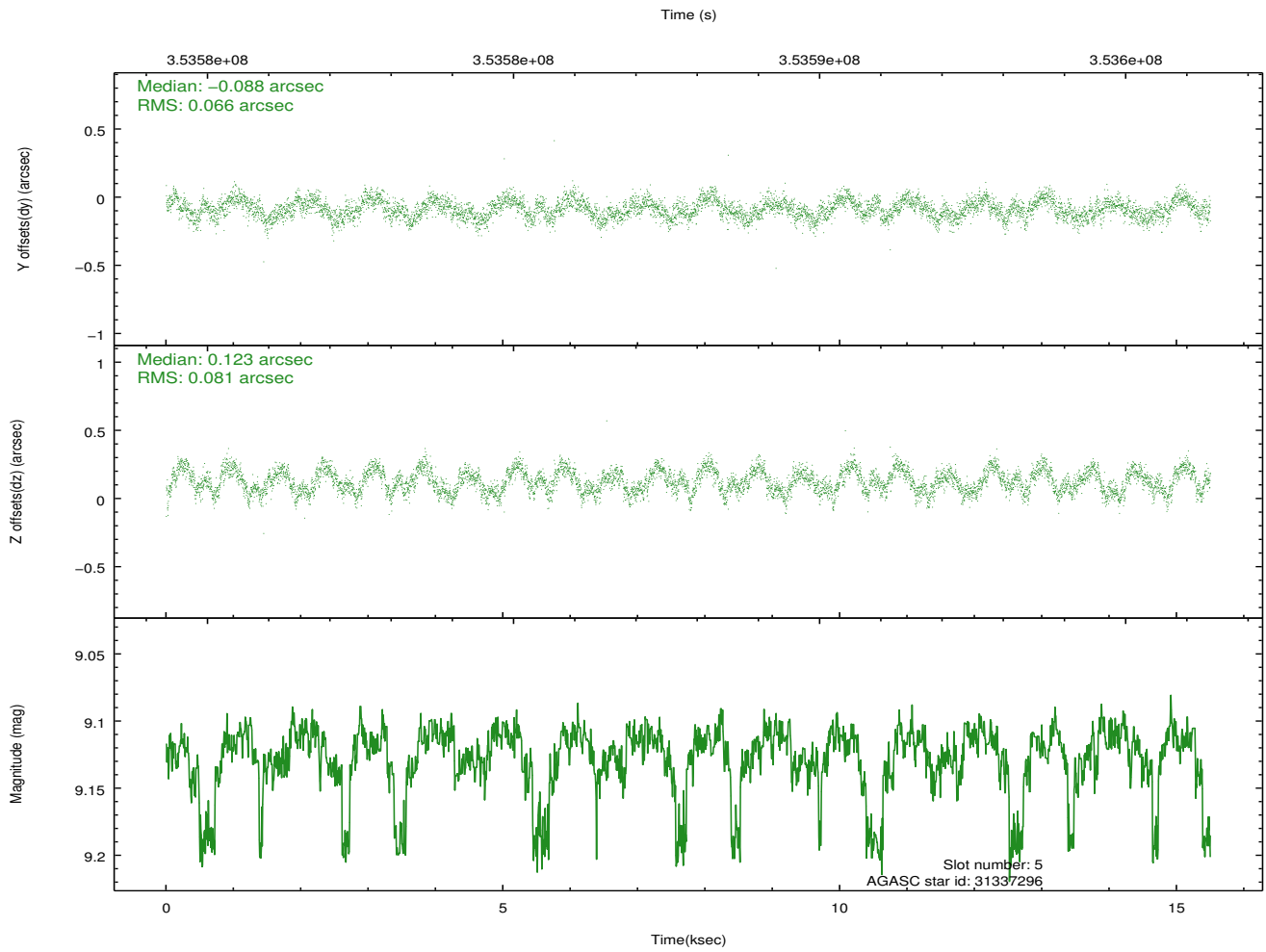
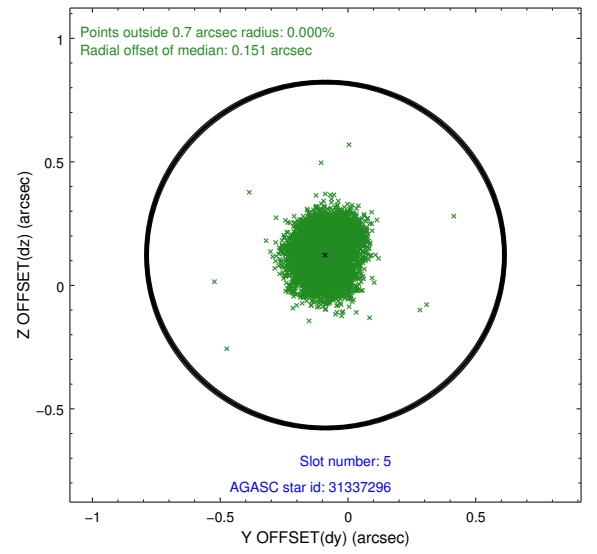
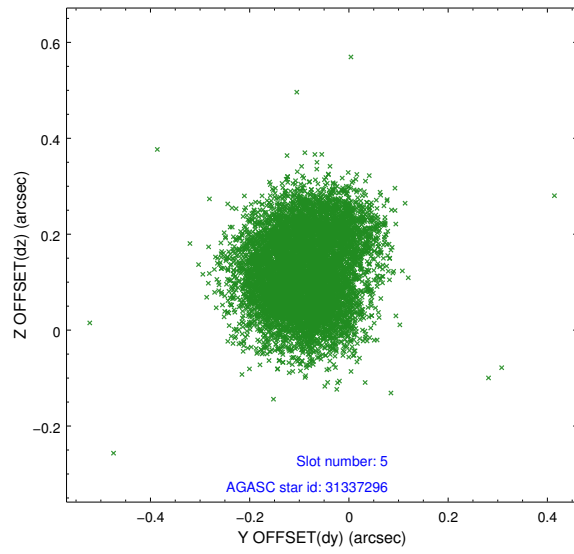
2.4.1 Slot 3



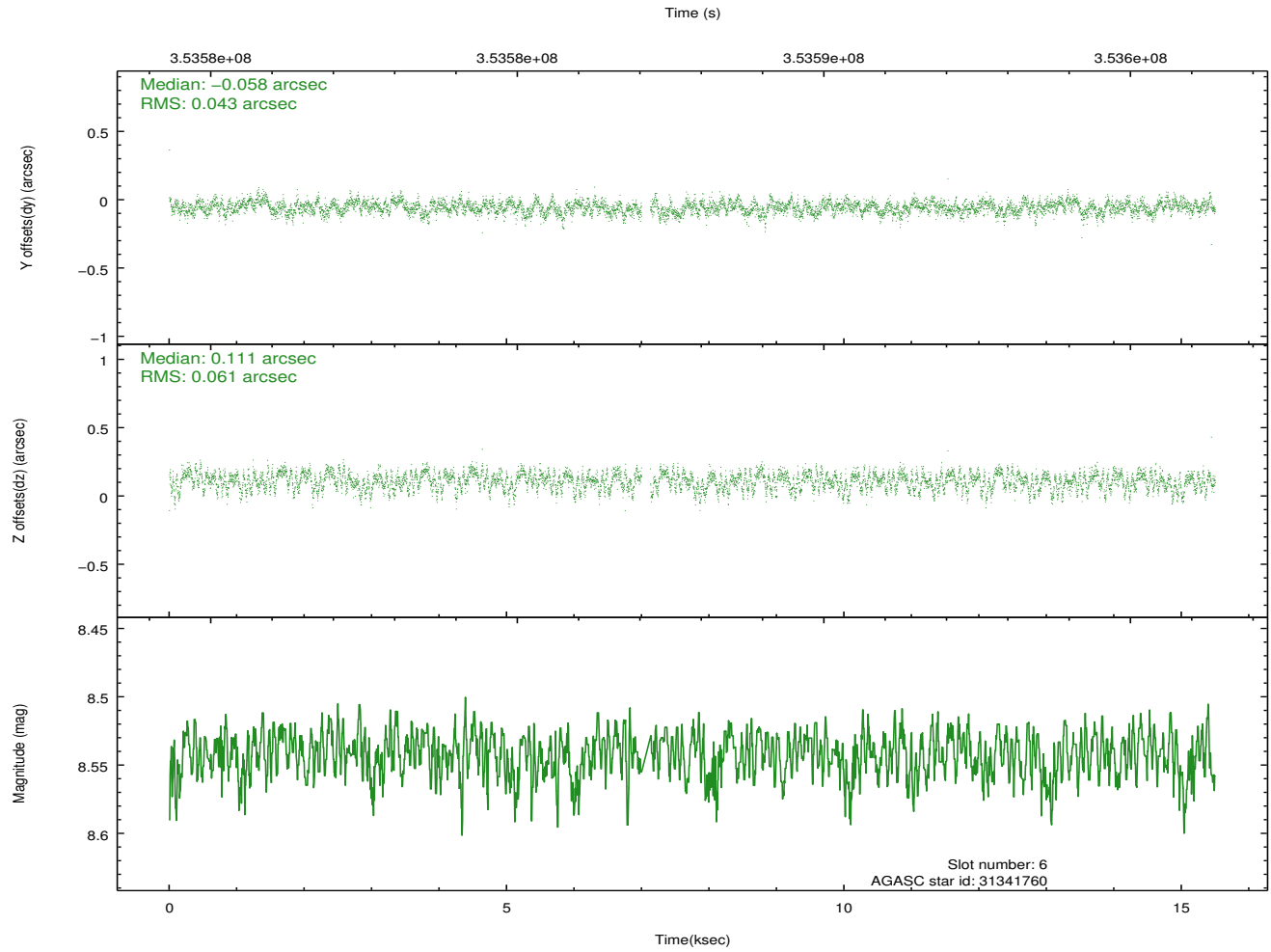
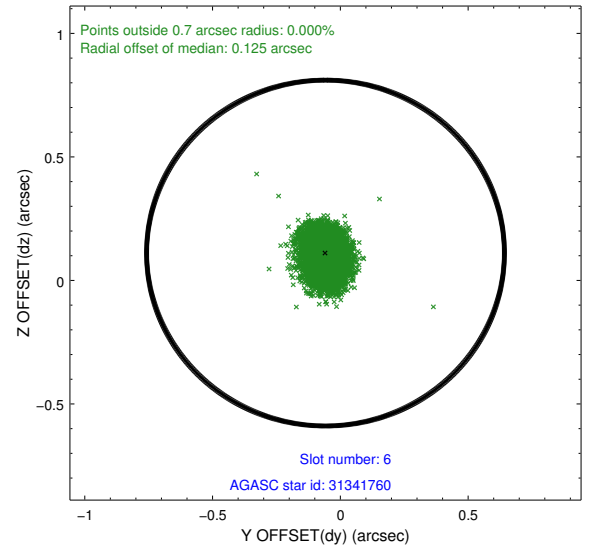
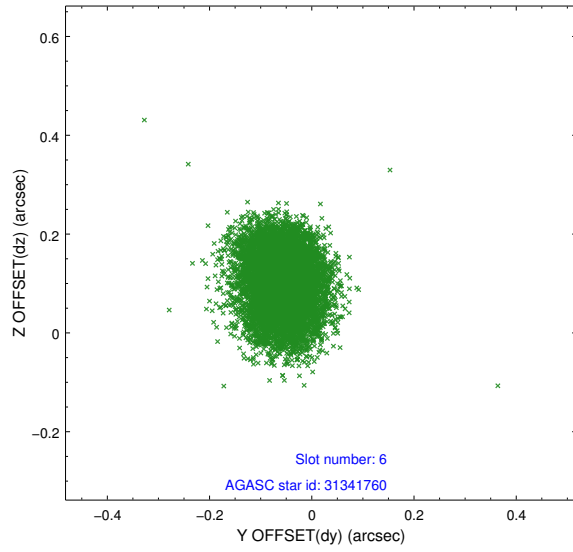
2.4.2 Slot 4



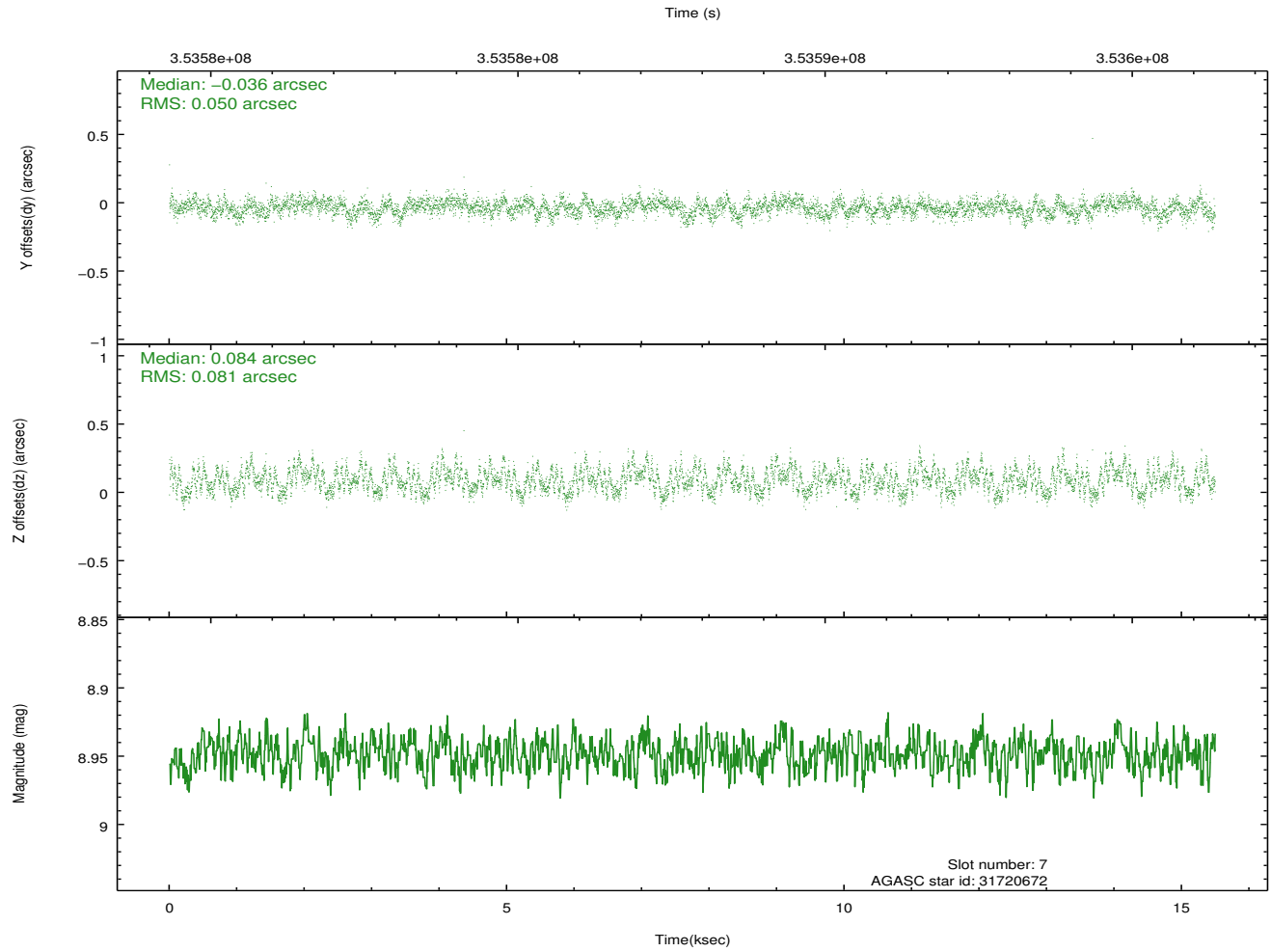
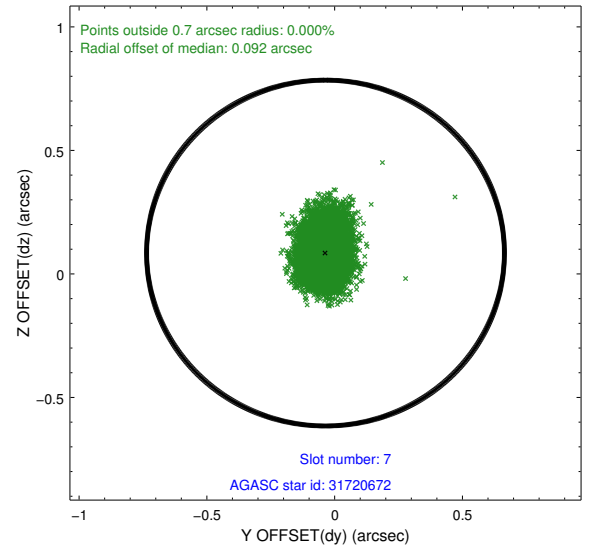
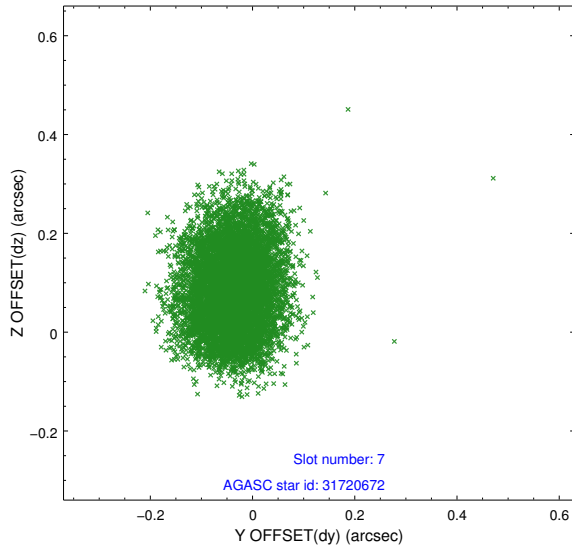
2.4.3 Slot 5



2.4.4 Slot 6

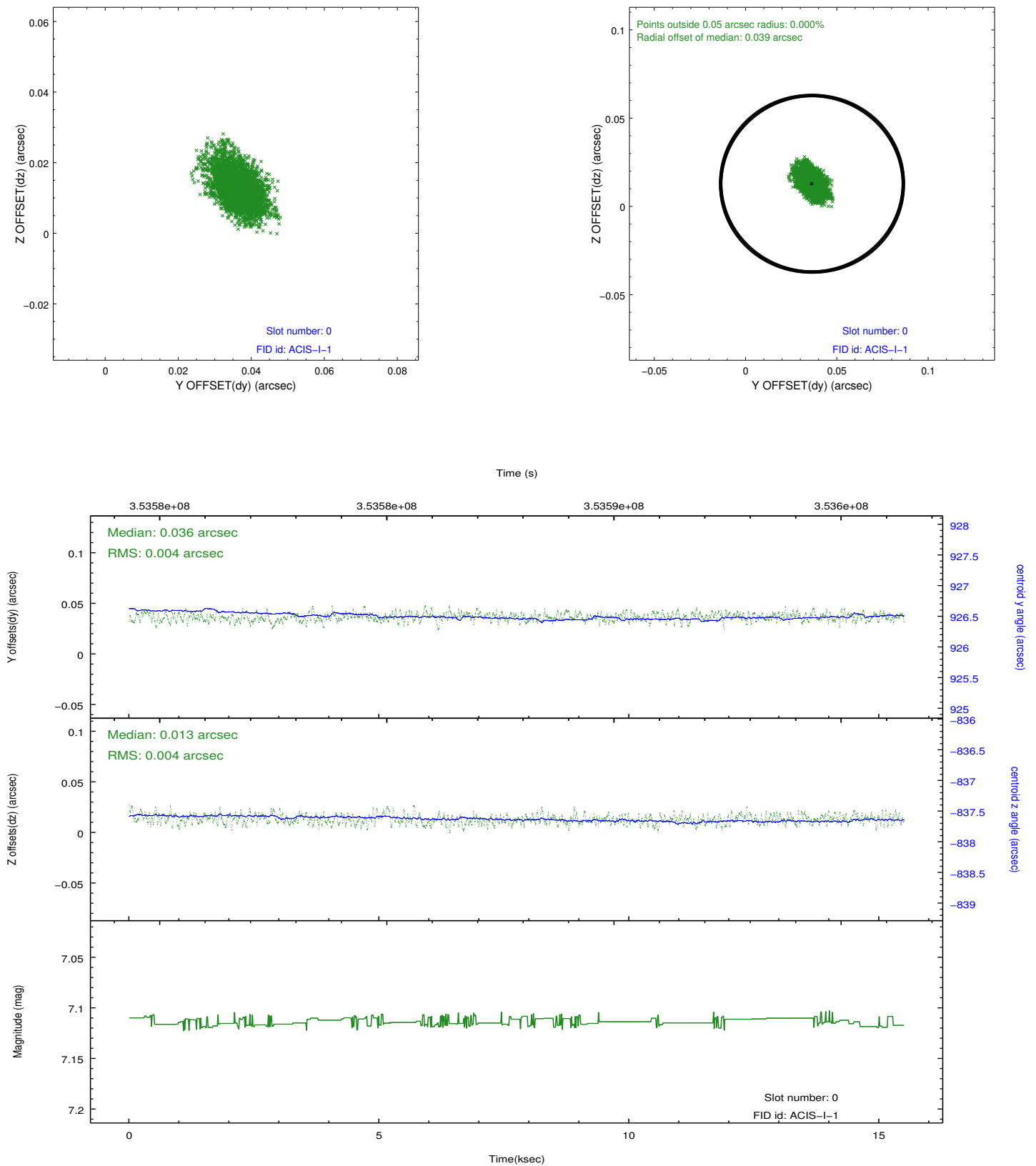


2.4.5 Slot 7

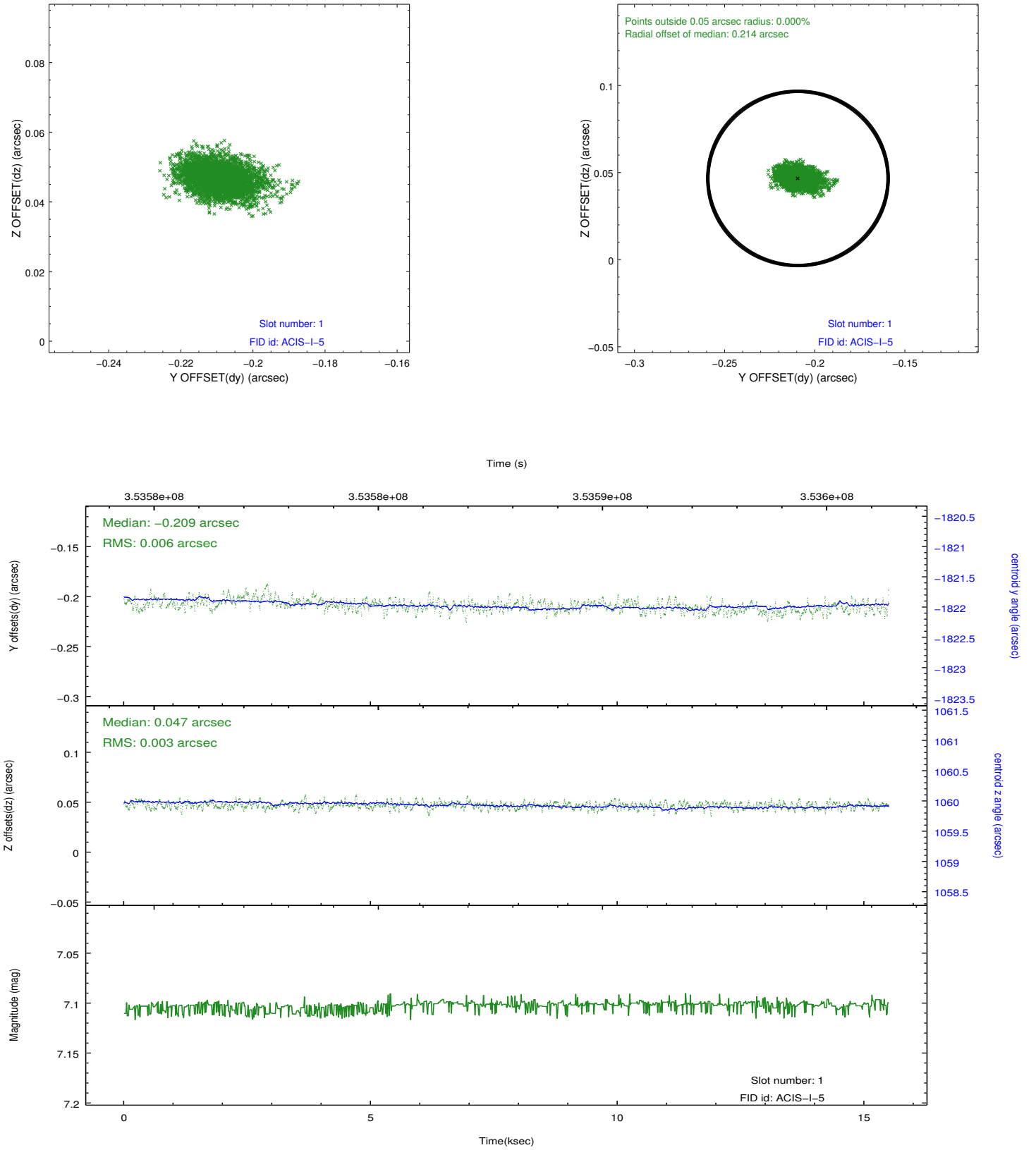


2.5 FID Slots

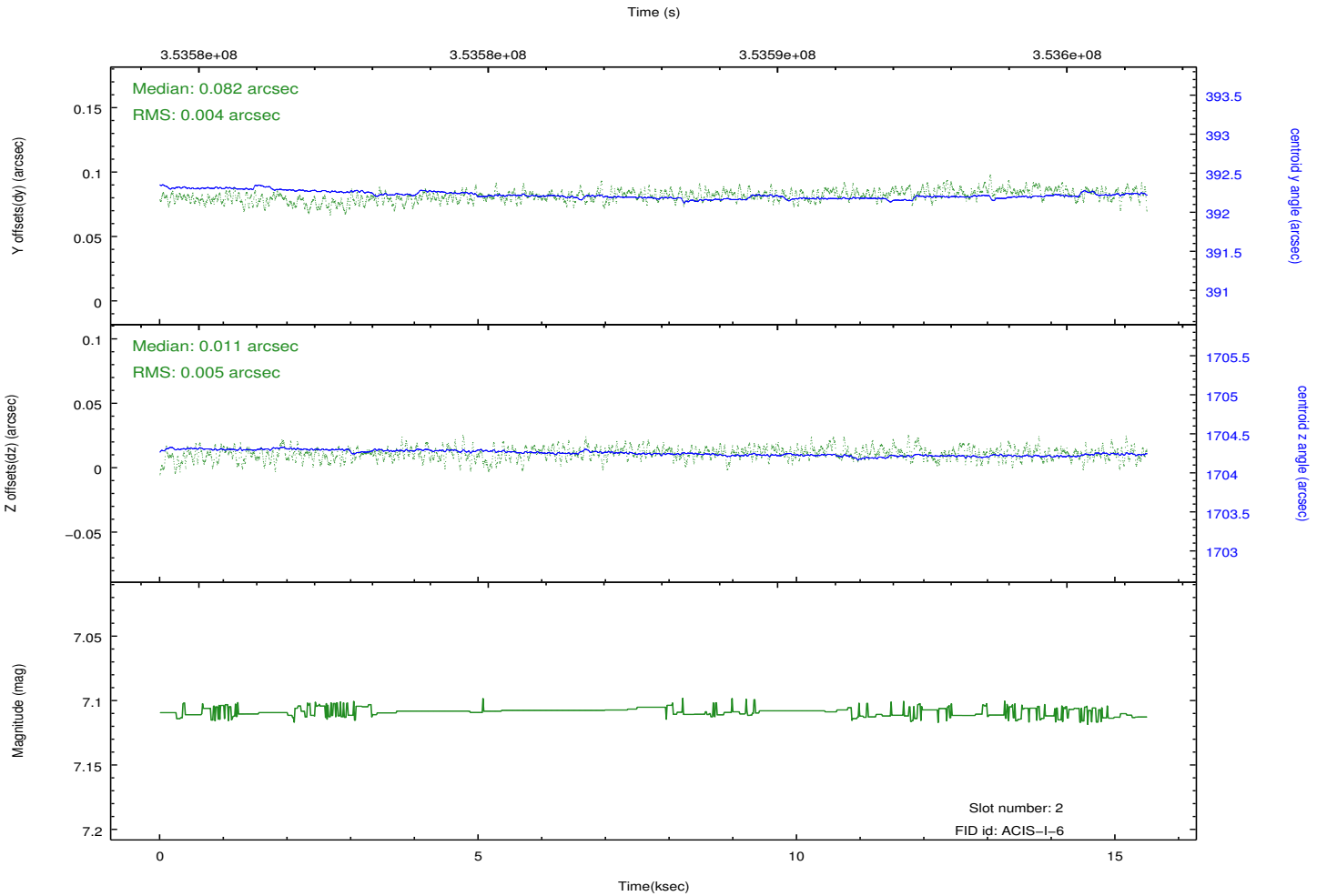
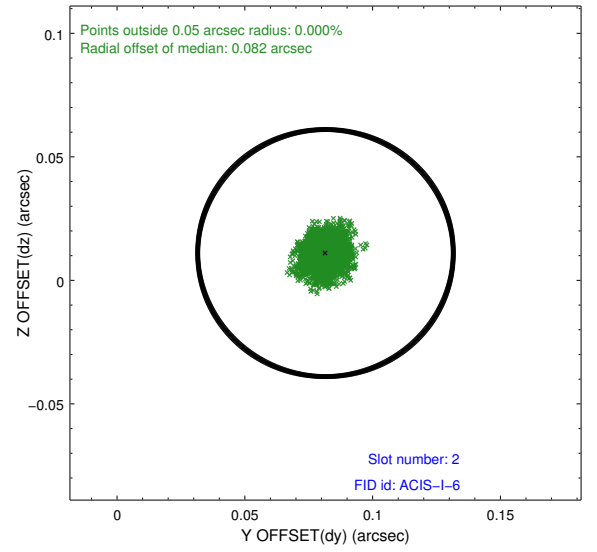
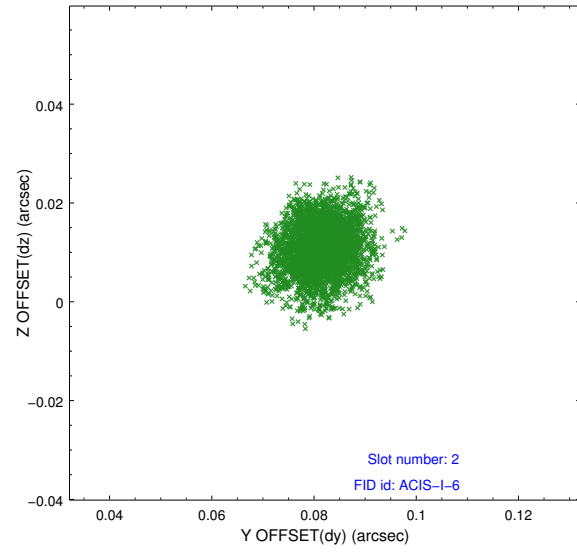
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.0431999

A.2 Comments