

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 13878 - L2 Version 1
Chandra X-Ray Center

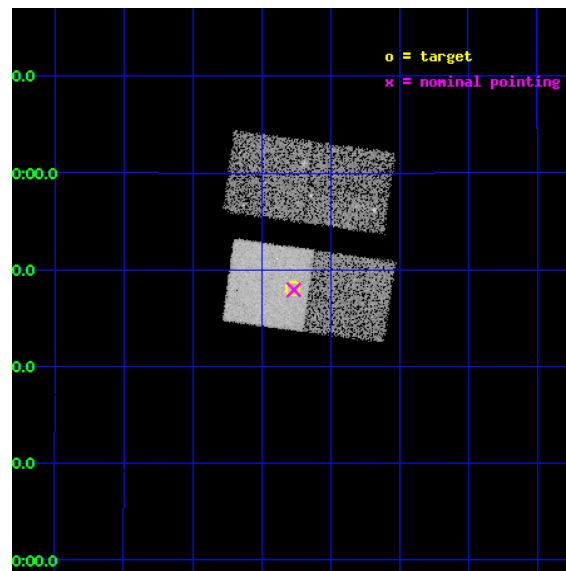
L2 Processing Date : Aug 15 2012

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1 Front

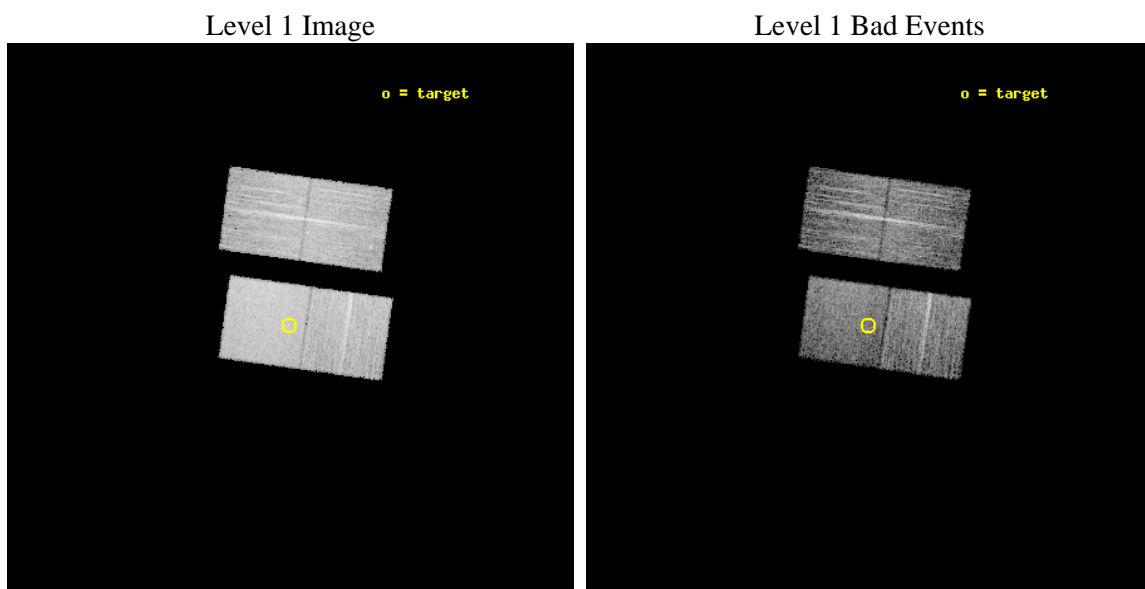
seq_num	702603	Sequence number
obs_id	13878	Observation id
title	Extending the Chandra 3C Snapshot Survey: Radio Galaxies with 0.3	Proposal title
observer	Dr. Francesco Massaro	Principal investigator
object	3c434	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	320.817917	Observer's specified target RA [deg]
dec_targ	15.801667	Observer's specified target Dec [deg]
ra_nom	320.81662617759	Nominal RA [deg]
dec_nom	15.798895623287	Nominal Dec [deg]
roll_nom	187.88992403244	Nominal Roll [deg]
revision	1	Processing version of data
ontime	12079.372687459	Sum of GTIs [s]
livetime	11921.546790593	Livetime [s]
ontime2	12079.249567449	Sum of GTIs [s]
ontime3	12079.290607452	Sum of GTIs [s]
ontime6	12079.331647456	Sum of GTIs [s]
ontime7	12079.372687459	Sum of GTIs [s]
l2events	54112	Number of level 2 events



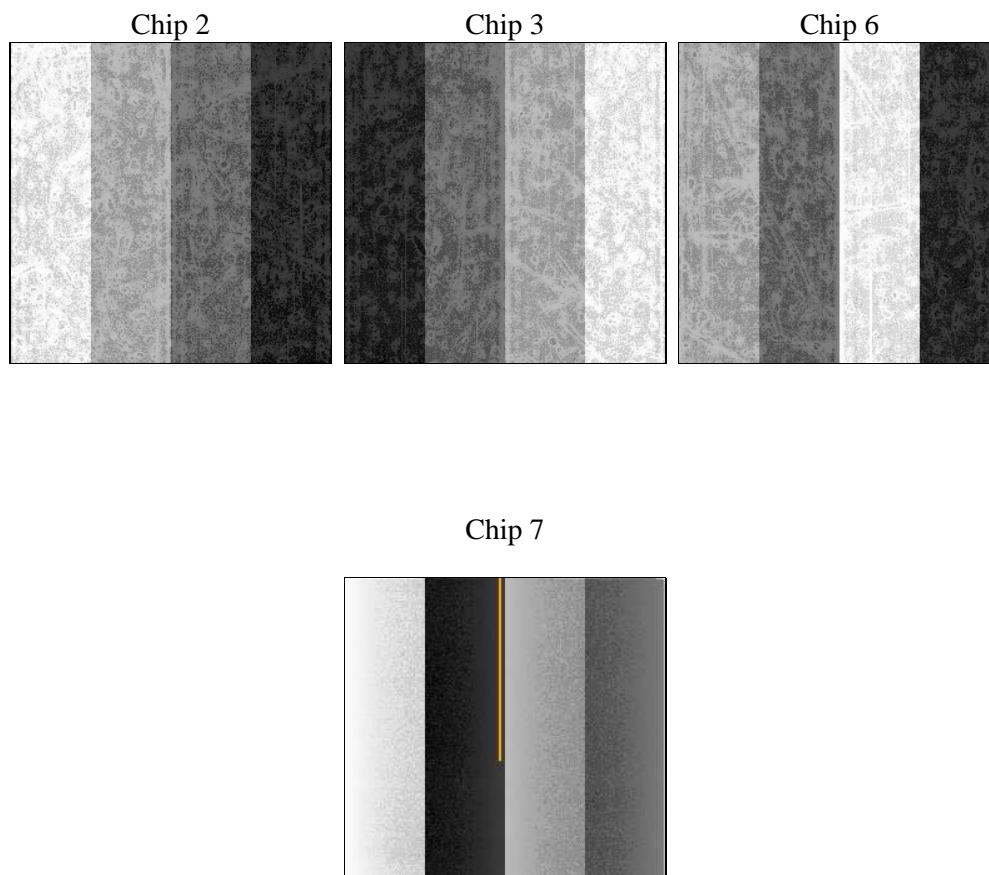
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12079.372687459	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	12079.249567449	Sum of GTIs [s]
date	2012-08-15T17:58:28	Date and time of file creation	ontime3	12079.290607452	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	12079.331647456	Sum of GTIs [s]
			ontime7	12079.372687459	Sum of GTIs [s]
			l1events	259973	Number of level 1 events

2.1.4 Events

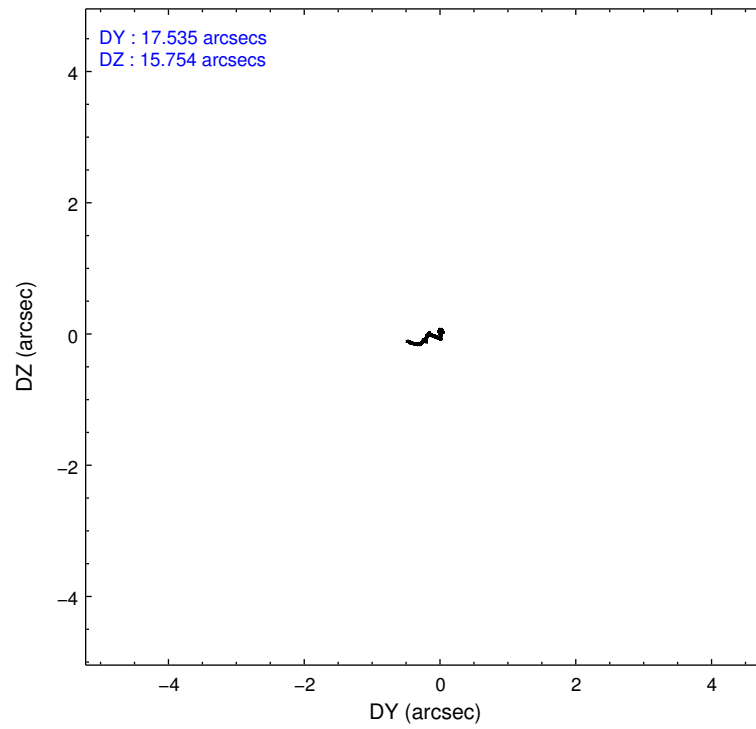
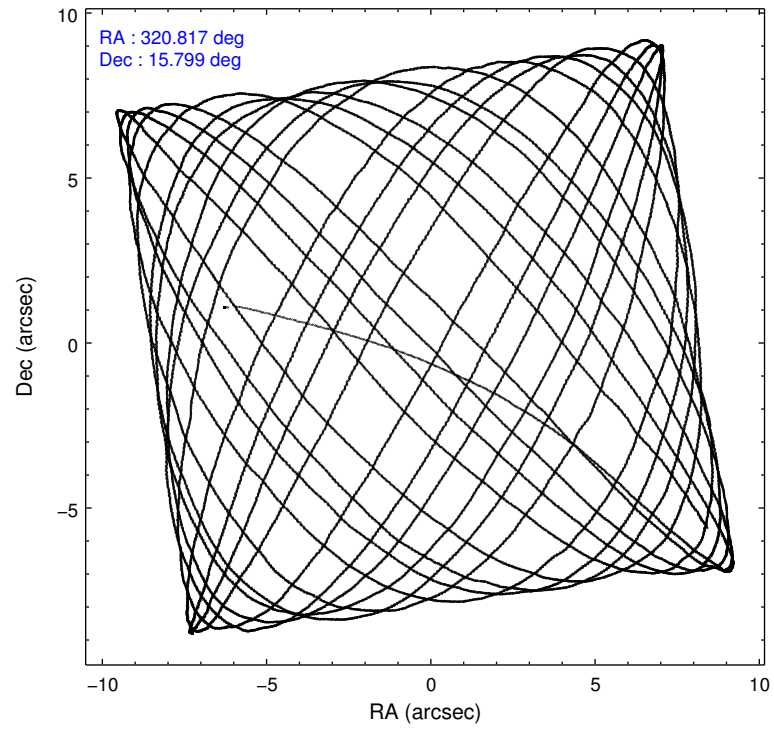
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	59011	58144	61493	81325
rejected events	51534	51510	53858	45244
rejected %	87%	88%	87%	55%

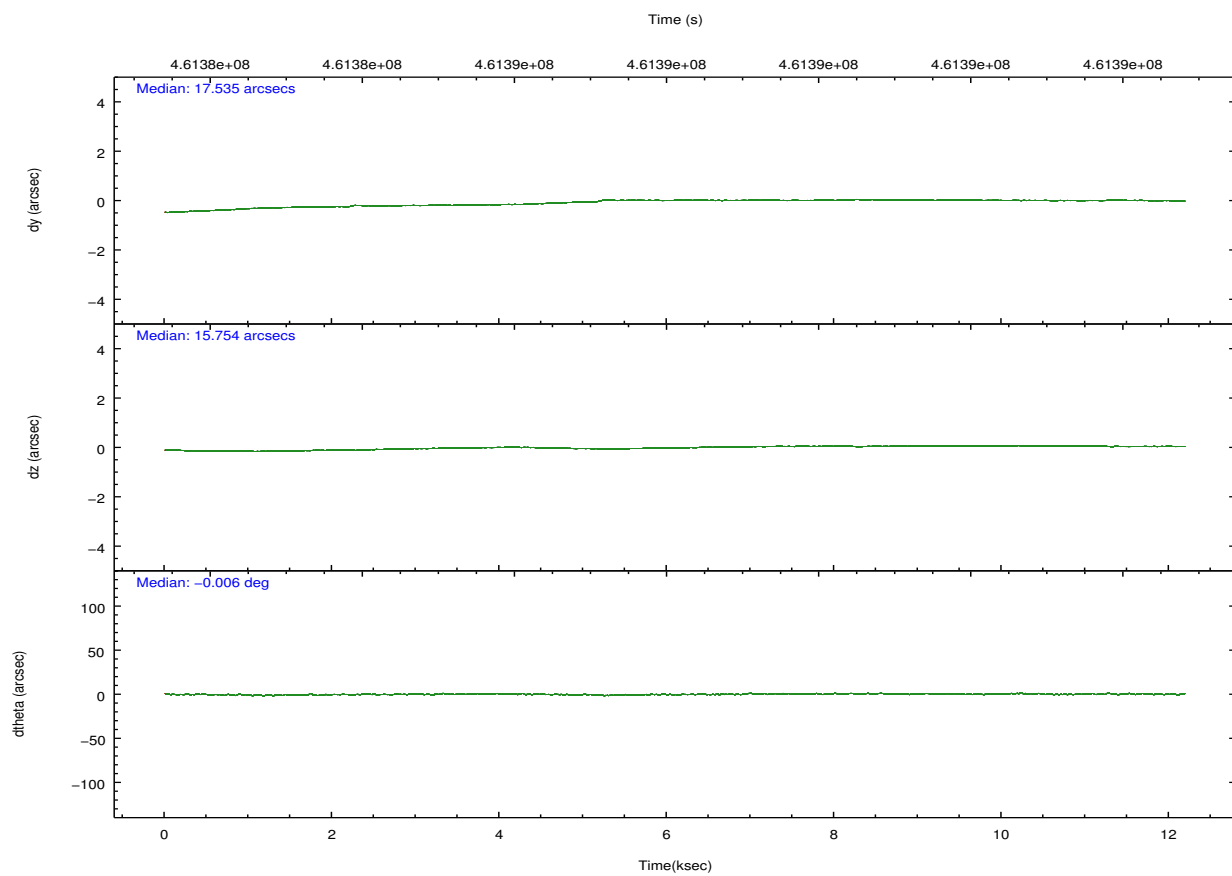
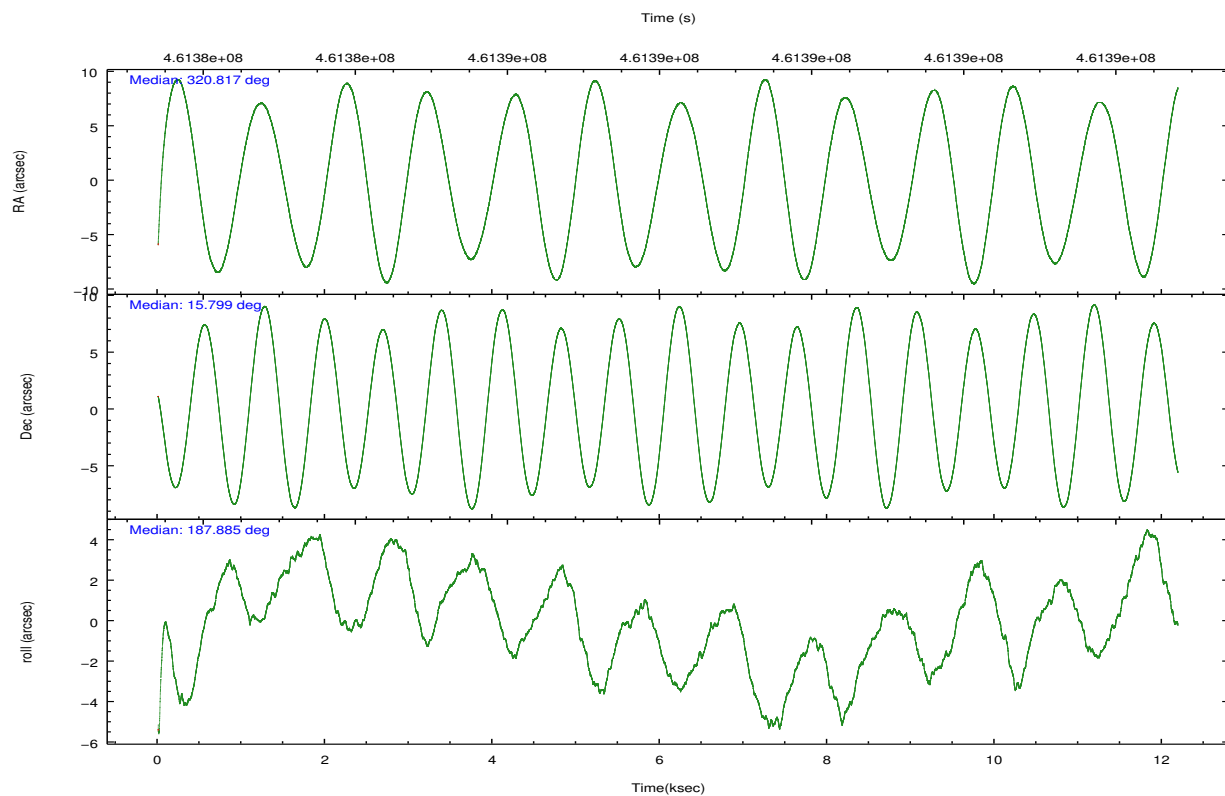
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2899	2375	2673	3152
	4%	4%	4%	3%
grade 1 events	33	38	36	107
	0%	0%	0%	0%
grade 2 events	1689	1524	1640	7455
	2%	2%	2%	9%
grade 3 events	728	682	813	3136
	1%	1%	1%	3%
grade 4 events	723	684	809	3023
	1%	1%	1%	3%
grade 5 events	2588	3224	3138	8376
	4%	5%	5%	10%
grade 6 events	1439	1372	1703	19329
	2%	2%	2%	23%
grade 7 events	48912	48245	50681	36747
	82%	82%	82%	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	320.838792	320.8166261775875	CCD I2 on	O1	Y
[deg] Pointing Dec	15.816000	15.79889562328704	CCD I3 on	O2	Y
[deg] Pointing Roll	187.727260	187.8899240324375	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	N	N
[s] Observation start time (MET)	461382215.184000	461381244.69668	CCD S5 on	N	N
Observation start date	2012-08-15T01:42:28	2012-08-15T01:27:24	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	461394215.184000	461395721.28496	On-chip summing requested	N	N
Observation end date	2012-08-15T05:02:28	2012-08-15T05:28:41	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



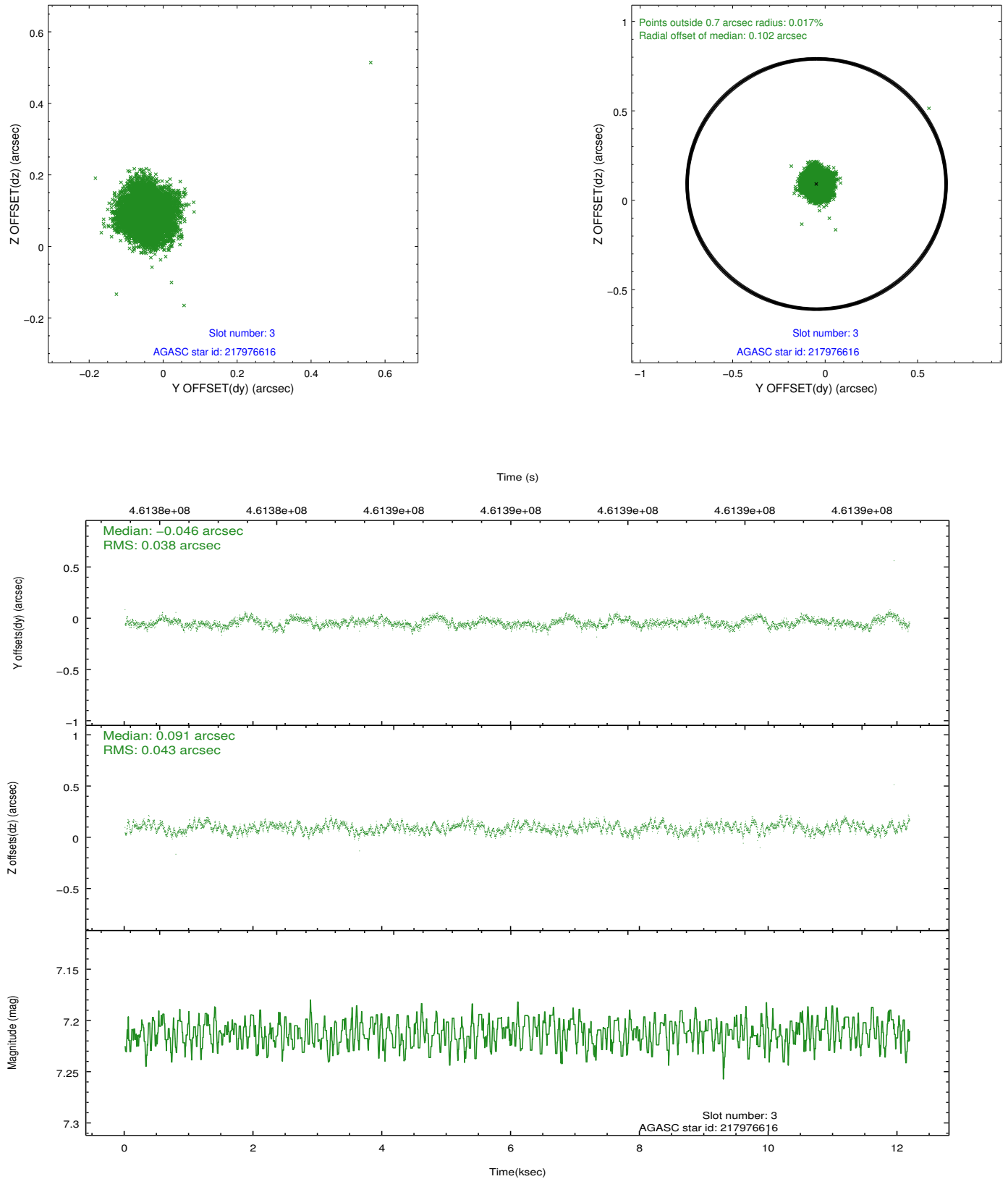


Slot Statistics

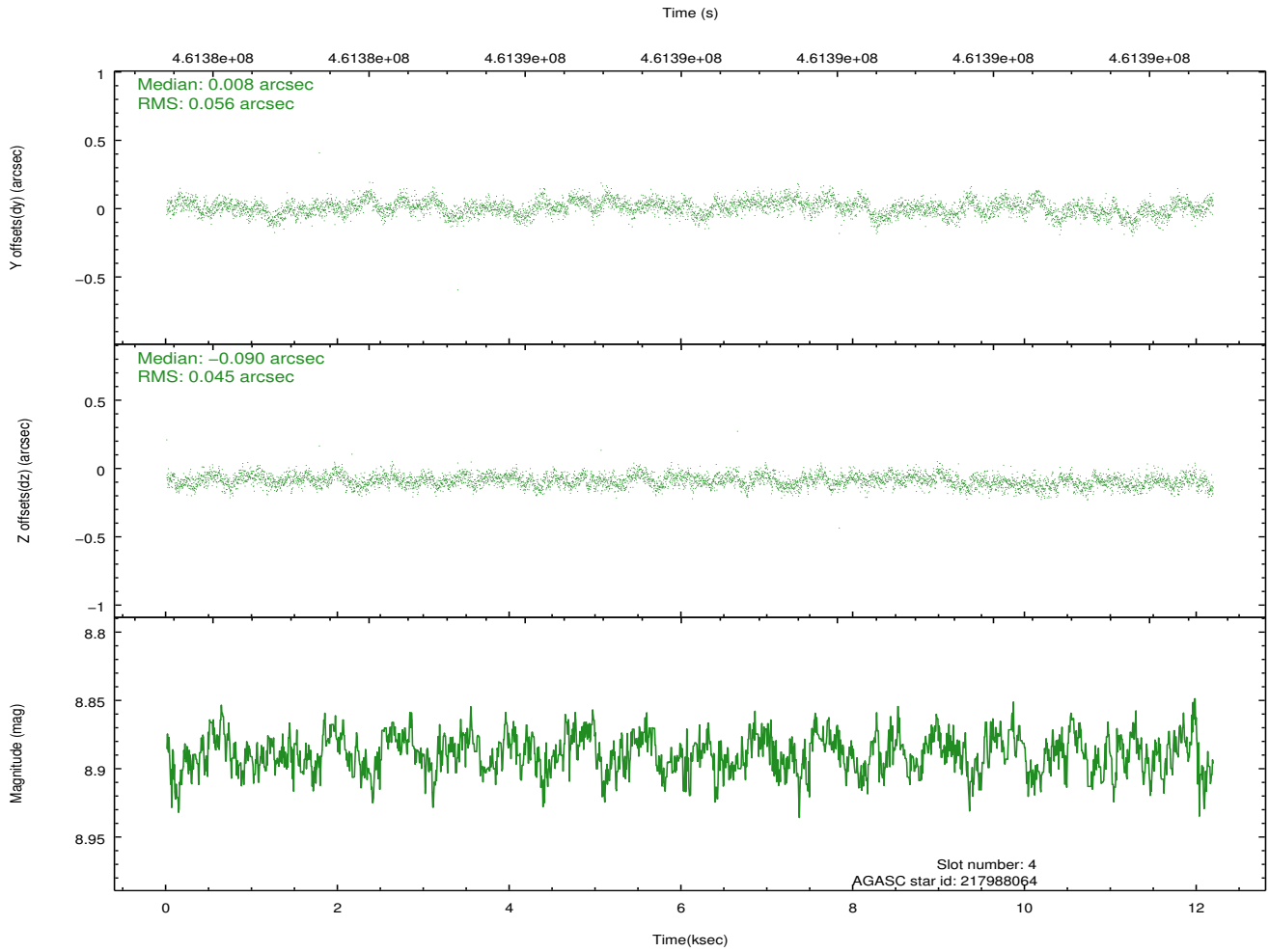
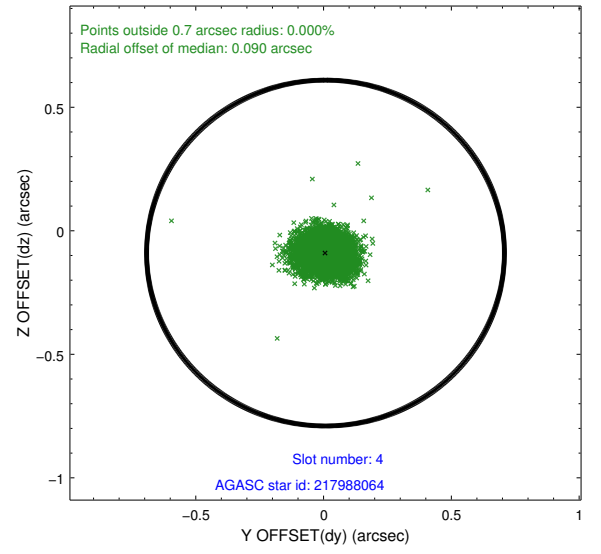
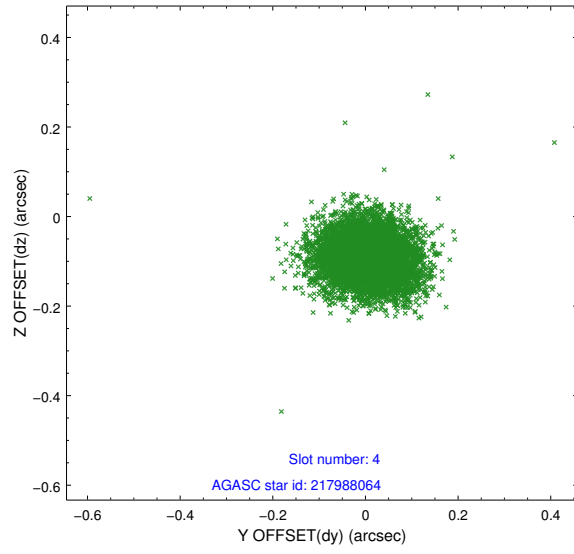
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.04	2973	0.056	-0.072	0.009	0.016	0.000000	0.000000	925.64	-1732.83
1	FID	ACIS-S-4	7.04	2973	0.180	0.028	0.008	0.014	0.000000	0.000000	2143.36	171.03
2	FID	ACIS-S-5	7.07	2972	-0.263	0.057	0.011	0.020	0.000000	0.000000	-1823.06	165.04
3	GUIDE	217976616	7.21	5941	-0.046	0.091	0.061	0.092	320.741027	16.004097	244.70	-716.25
4	GUIDE	217988064	8.89	5940	0.008	-0.090	0.075	0.123	320.290517	15.327738	2122.30	1483.39
5	GUIDE	217988200	9.18	5903	-0.077	-0.190	0.120	0.203	320.564855	15.277686	1203.48	1792.21
6	GUIDE	217974432	7.12	5945	0.090	0.275	0.066	0.106	320.782628	16.496747	-136.72	-2453.95
7	GUIDE	217985120	8.15	5940	0.037	-0.089	0.087	0.132	321.174147	15.781717	-1134.60	276.91

2.4 Star Slots

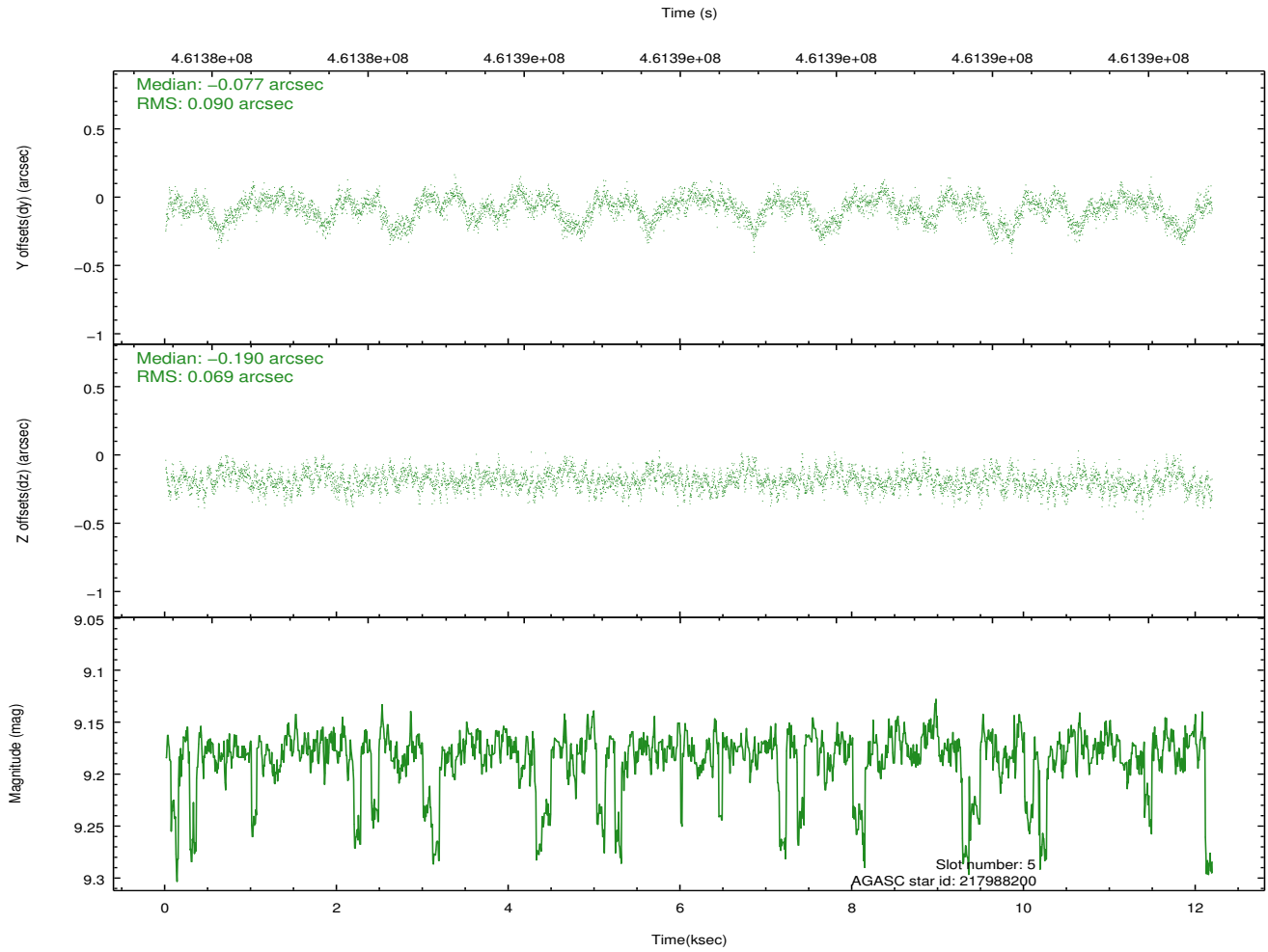
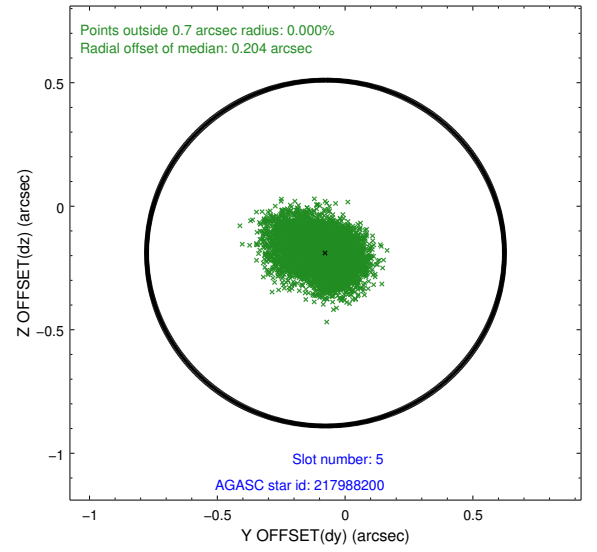
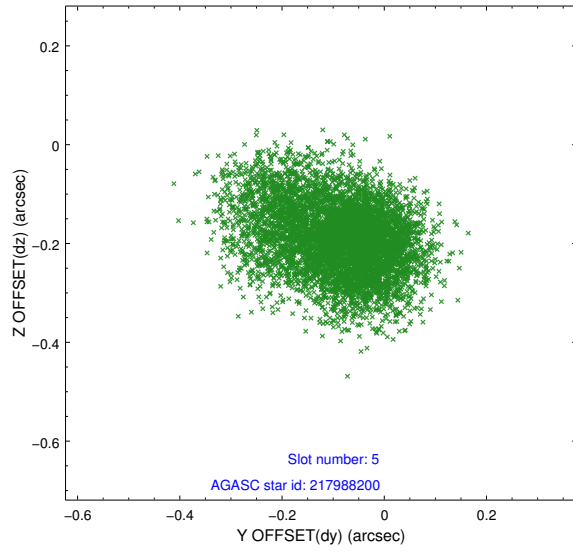
2.4.1 Slot 3



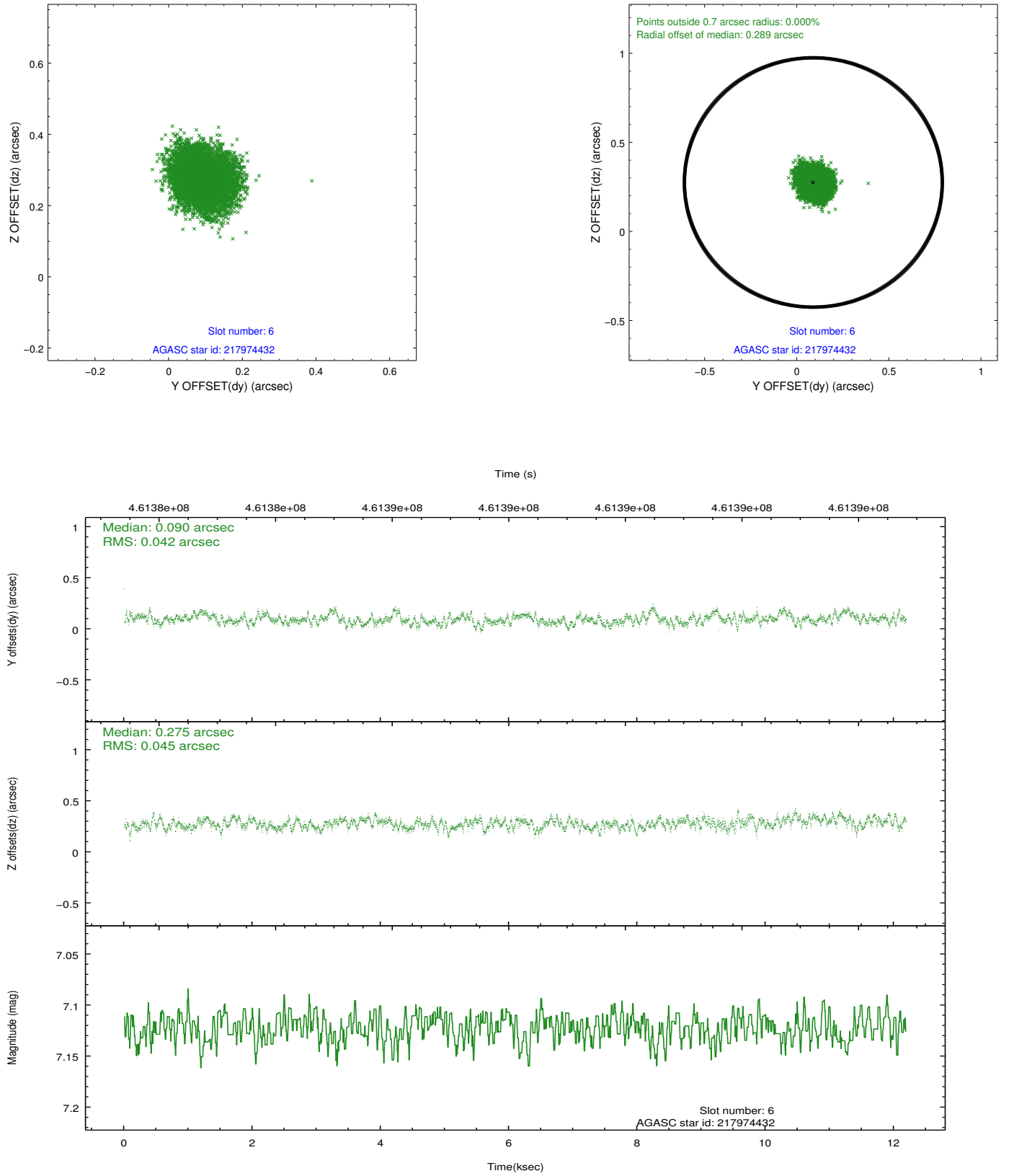
2.4.2 Slot 4



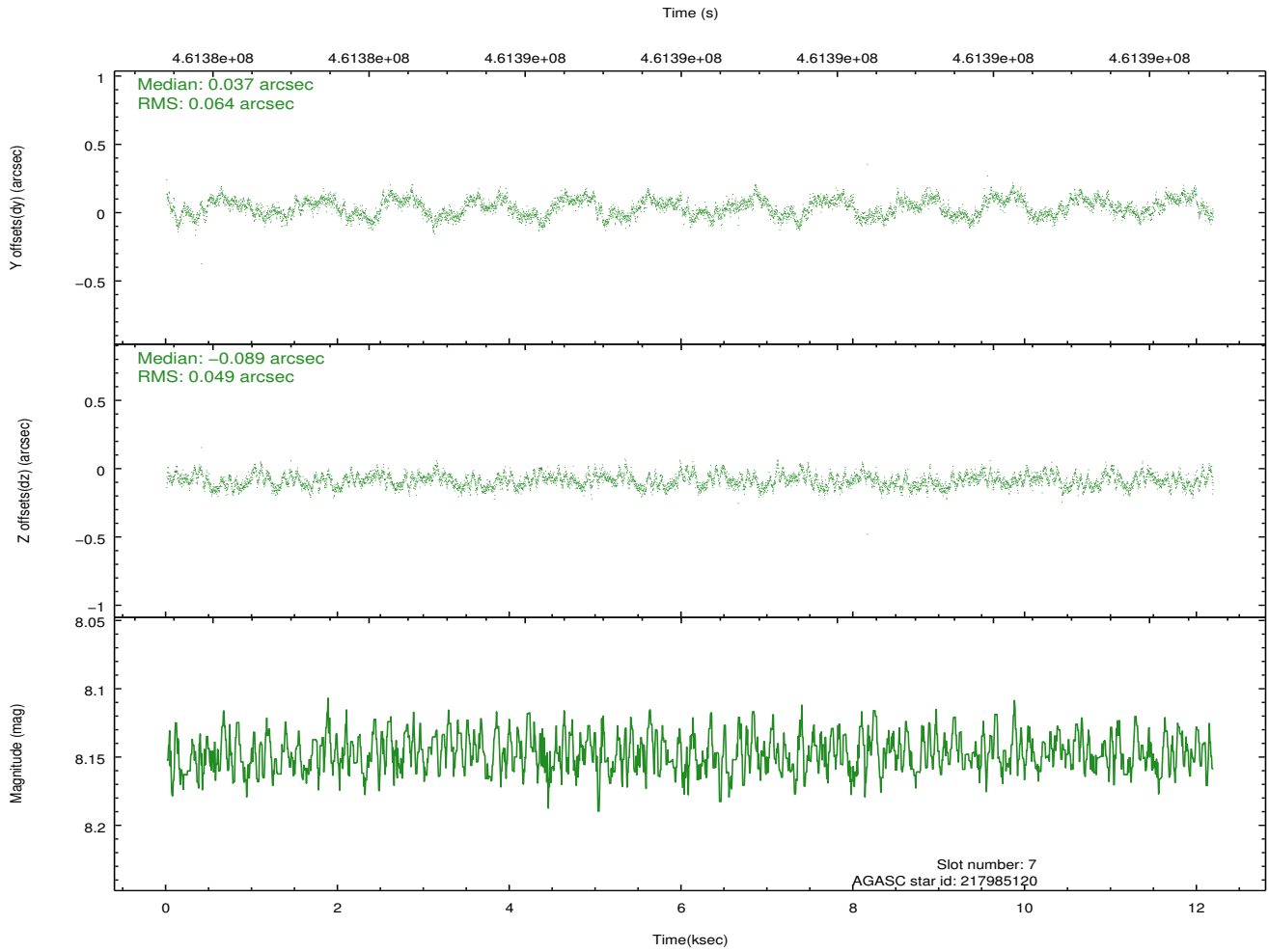
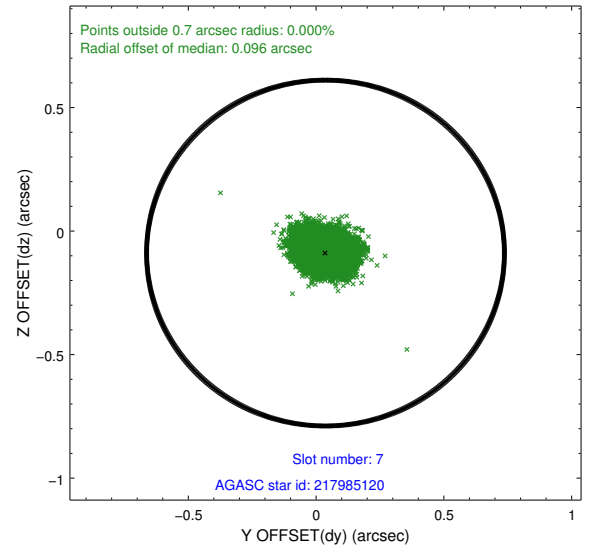
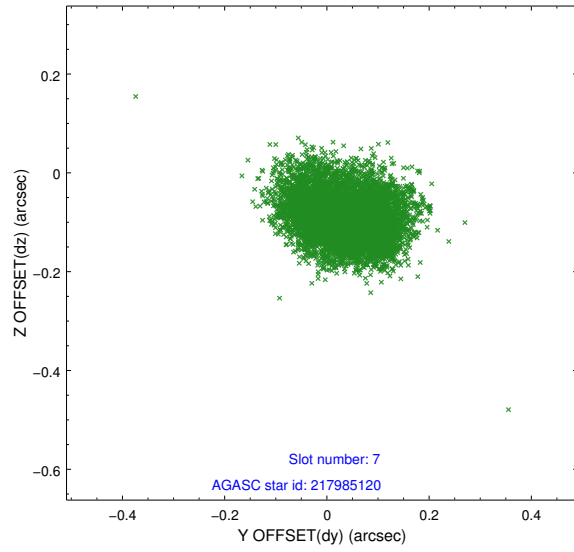
2.4.3 Slot 5



2.4.4 Slot 6

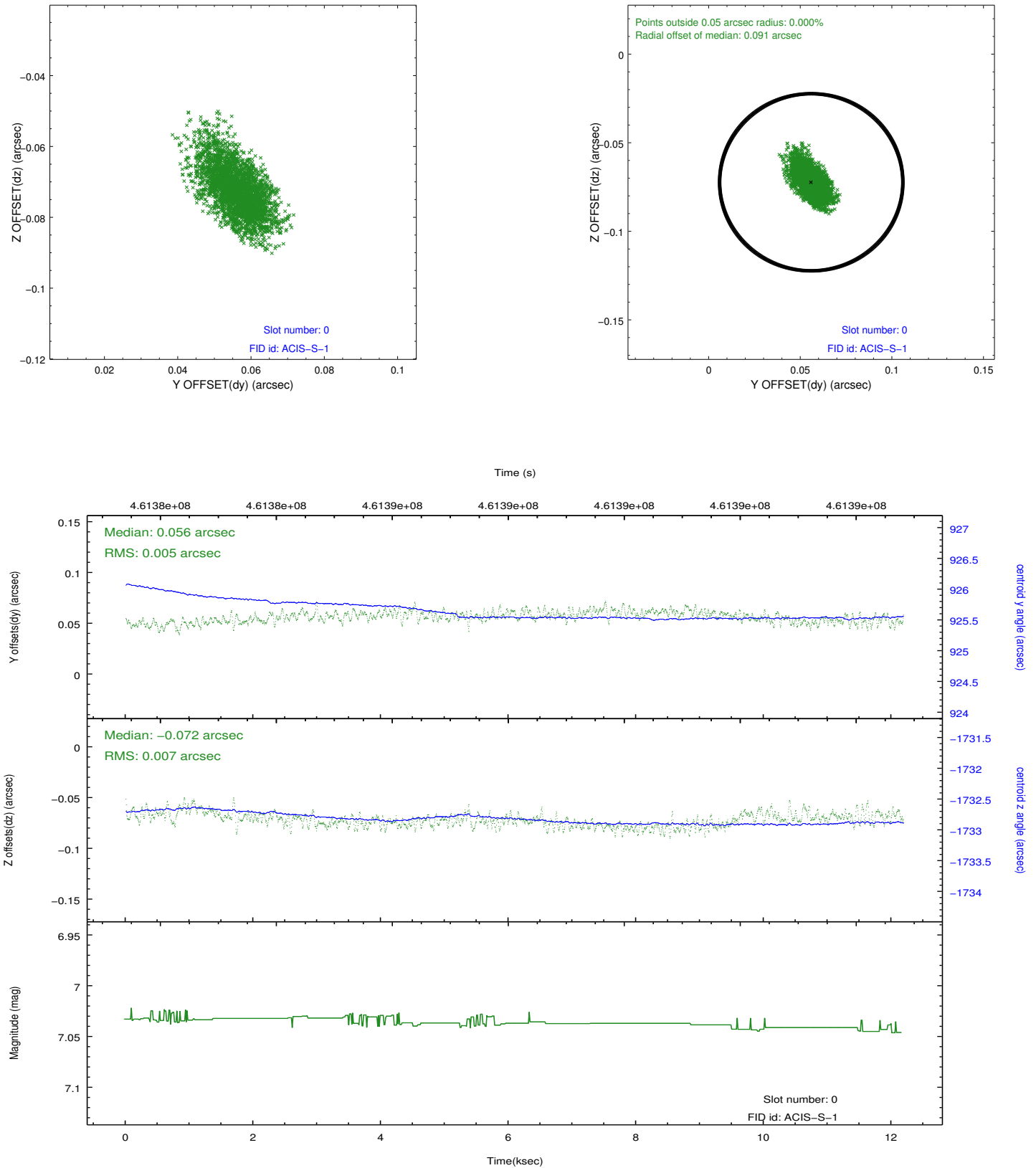


2.4.5 Slot 7

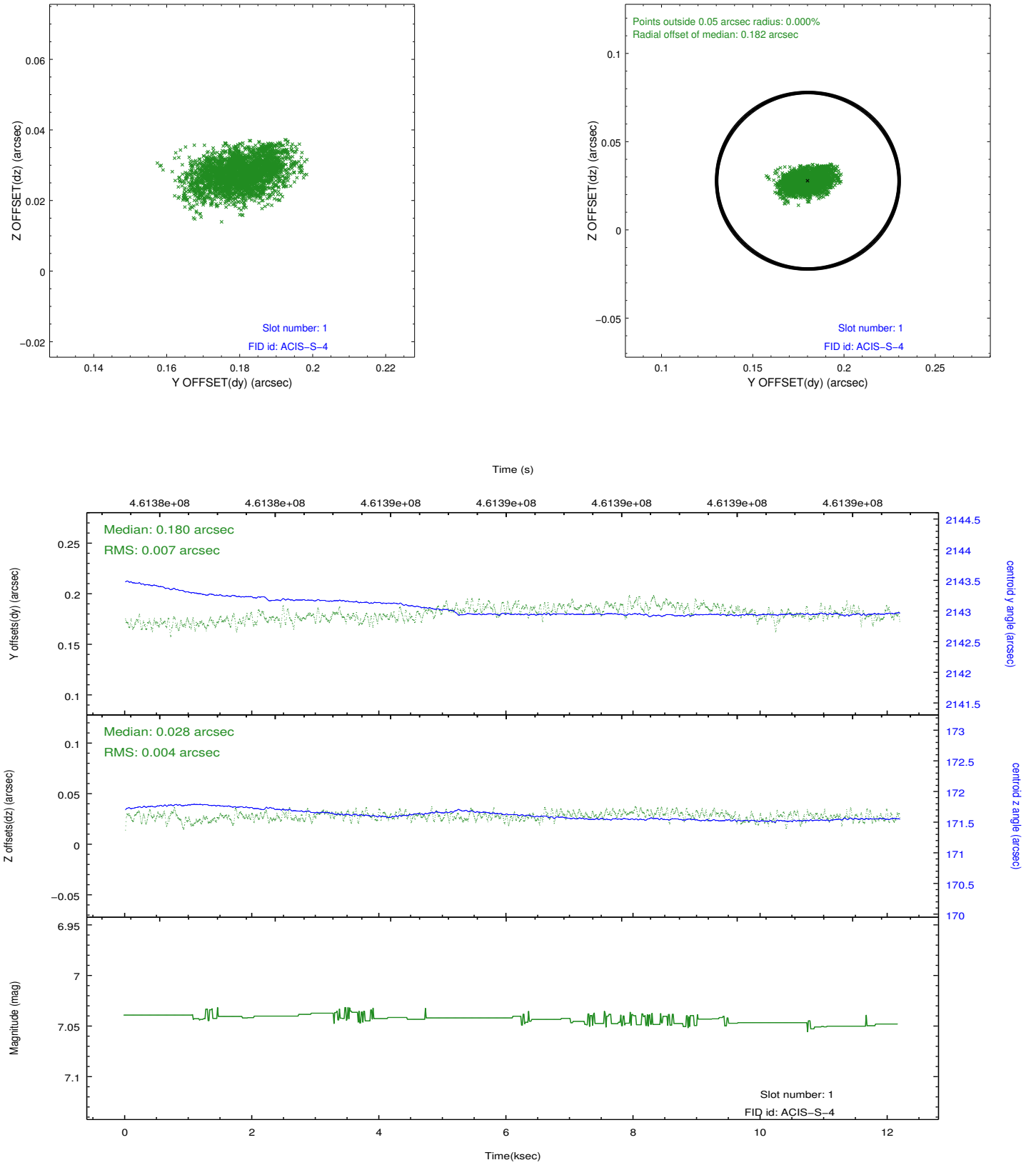


2.5 FID Slots

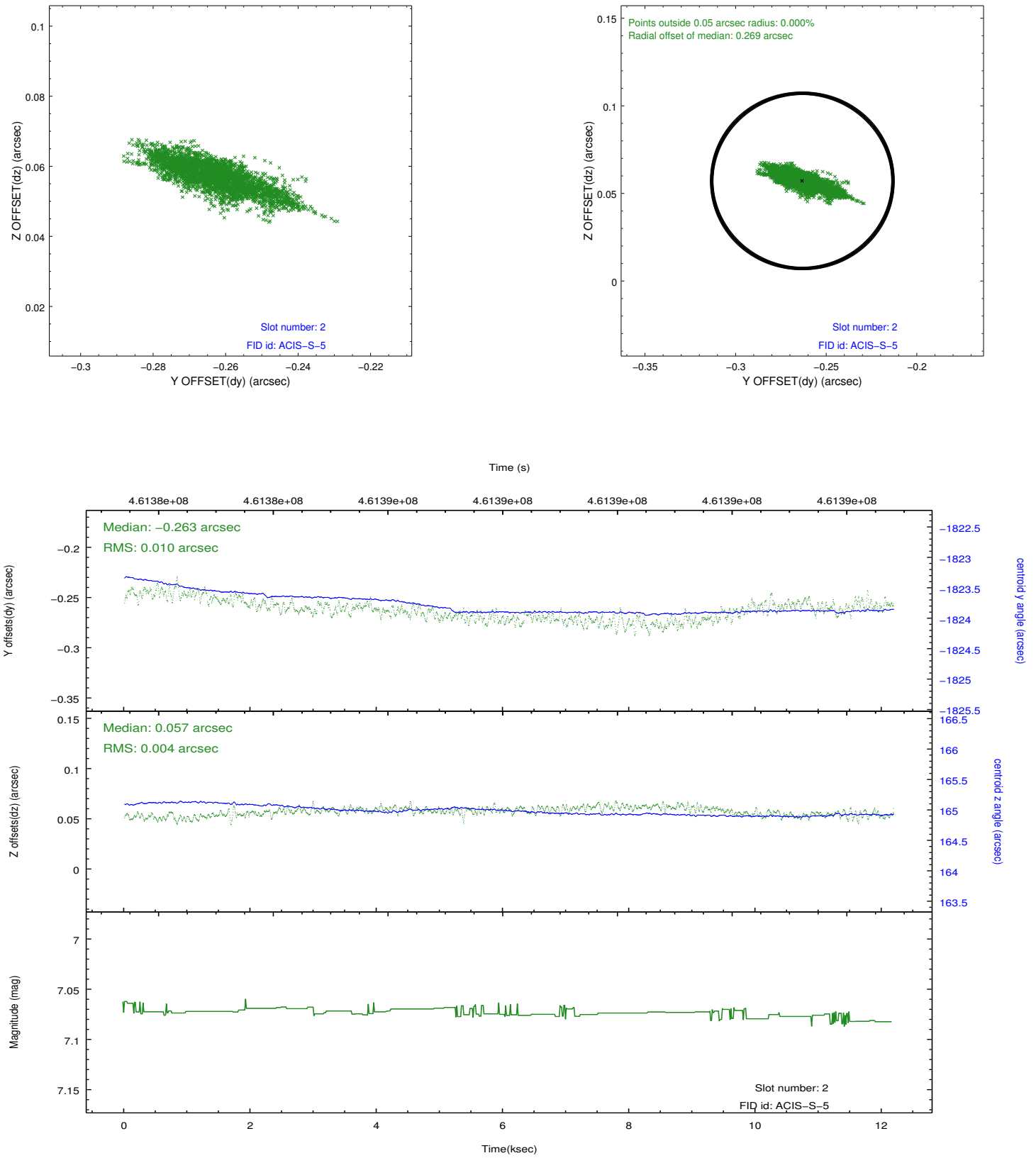
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.079372687459

A.2 Comments