

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 827 - L2 Version 3
Chandra X-Ray Center

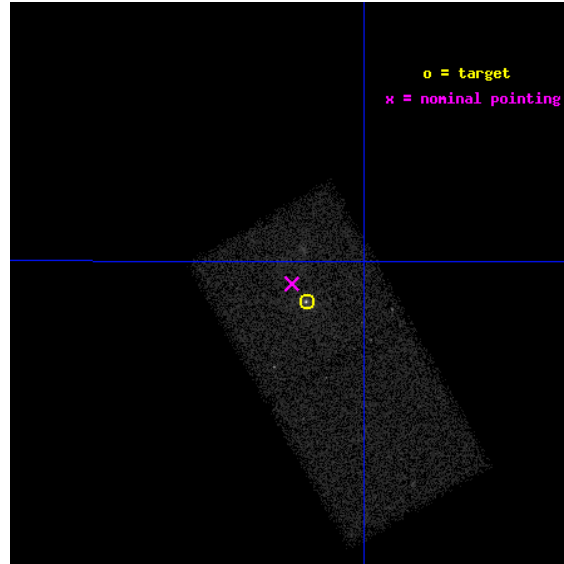
L2 Processing Date : Sep 2 2012

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1 Front

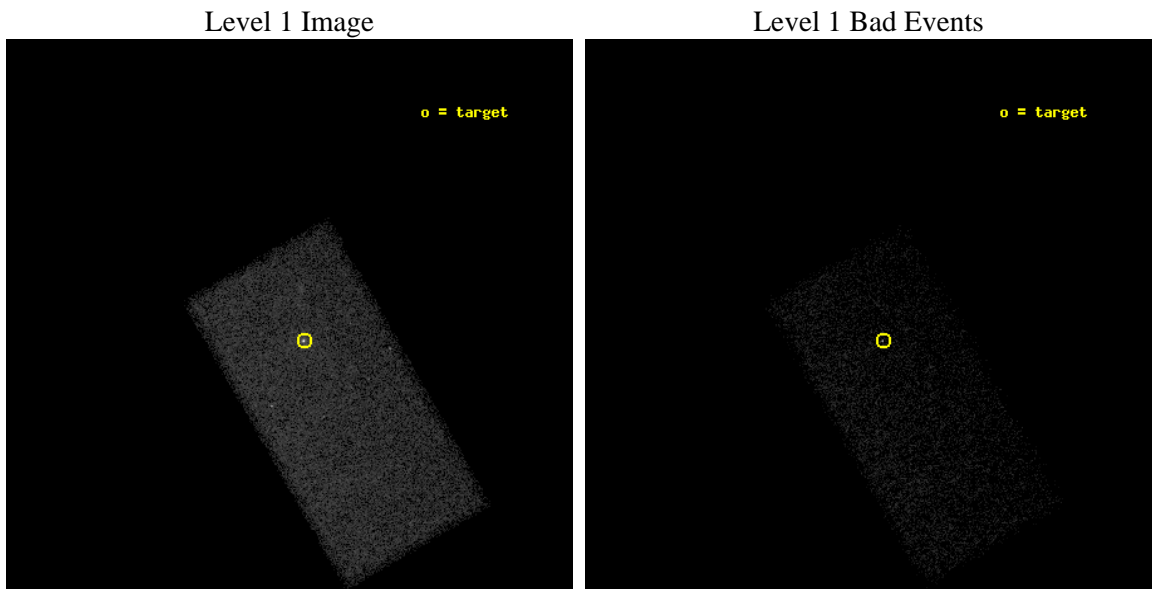
seq_num	700132	Sequence number
obs_id	827	Observation id
title	THE X-RAY COMPLEX STRUCTURE OF THE POWERFUL RADIOGALAXY 3C 219	Pro
observer	Dr. Gianfranco Brunetti	Principal investigator
object	3C 219	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	140.285833	Observer's specified target RA [deg]
dec_targ	45.649444	Observer's specified target Dec [deg]
ra_nom	140.29494539486	Nominal RA [deg]
dec_nom	45.65695834916	Nominal Dec [deg]
roll_nom	60.170029365641	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19236.211033851	Sum of GTIs [s]
livetime	18755.141650515	Livetime [s]
ontime7	19236.211033851	Sum of GTIs [s]
l2events	41236	Number of level 2 events



2 OBI

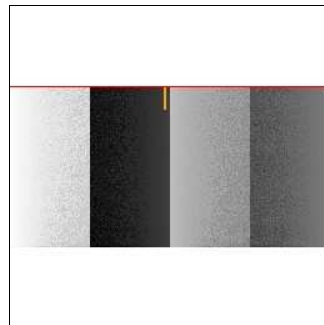
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	18500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	19236.211033851	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime7	19236.211033851	Sum of GTIs [s]
date	2012-09-02T09:47:28	Date and time of file creation	l1events	84088	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

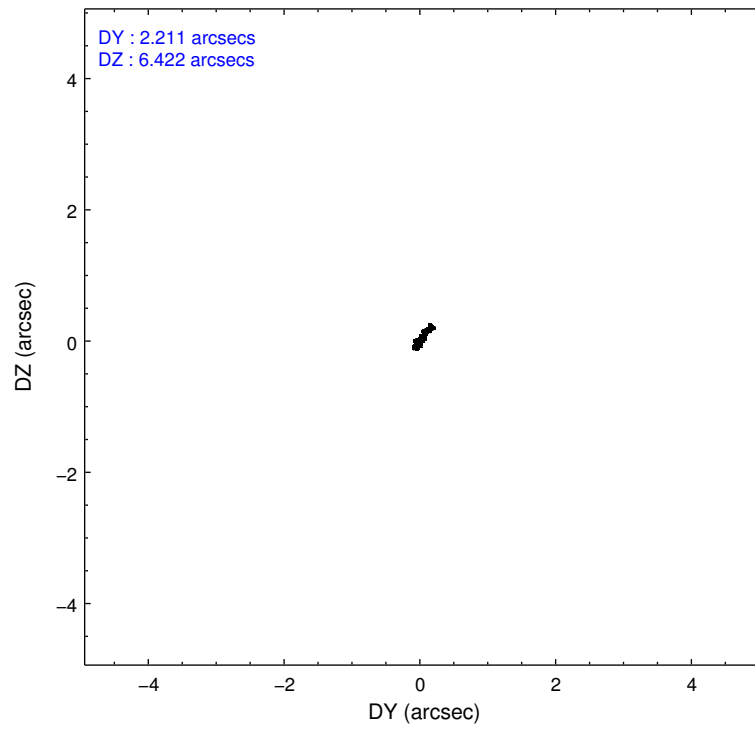
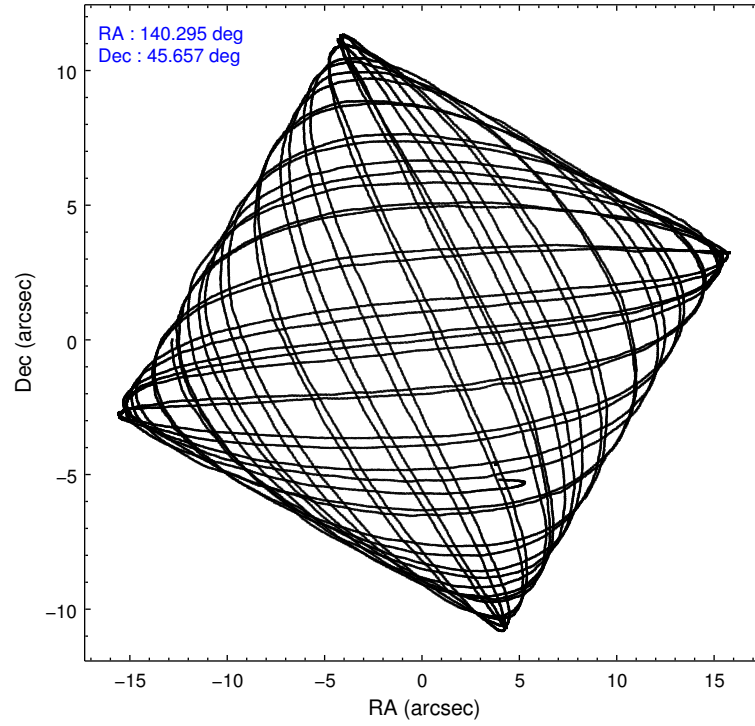
	ccd 7
level 1 events	84088
rejected events	41892
rejected %	49%

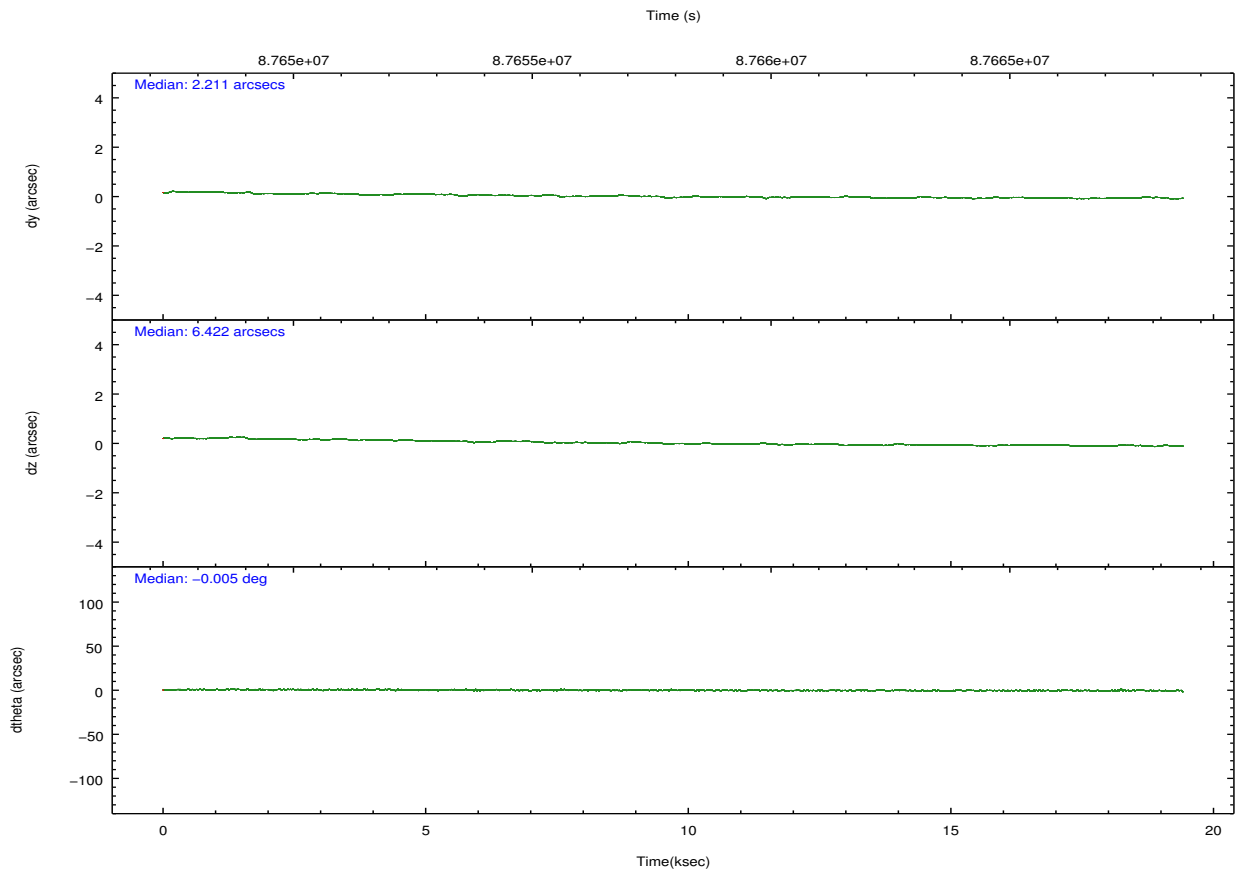
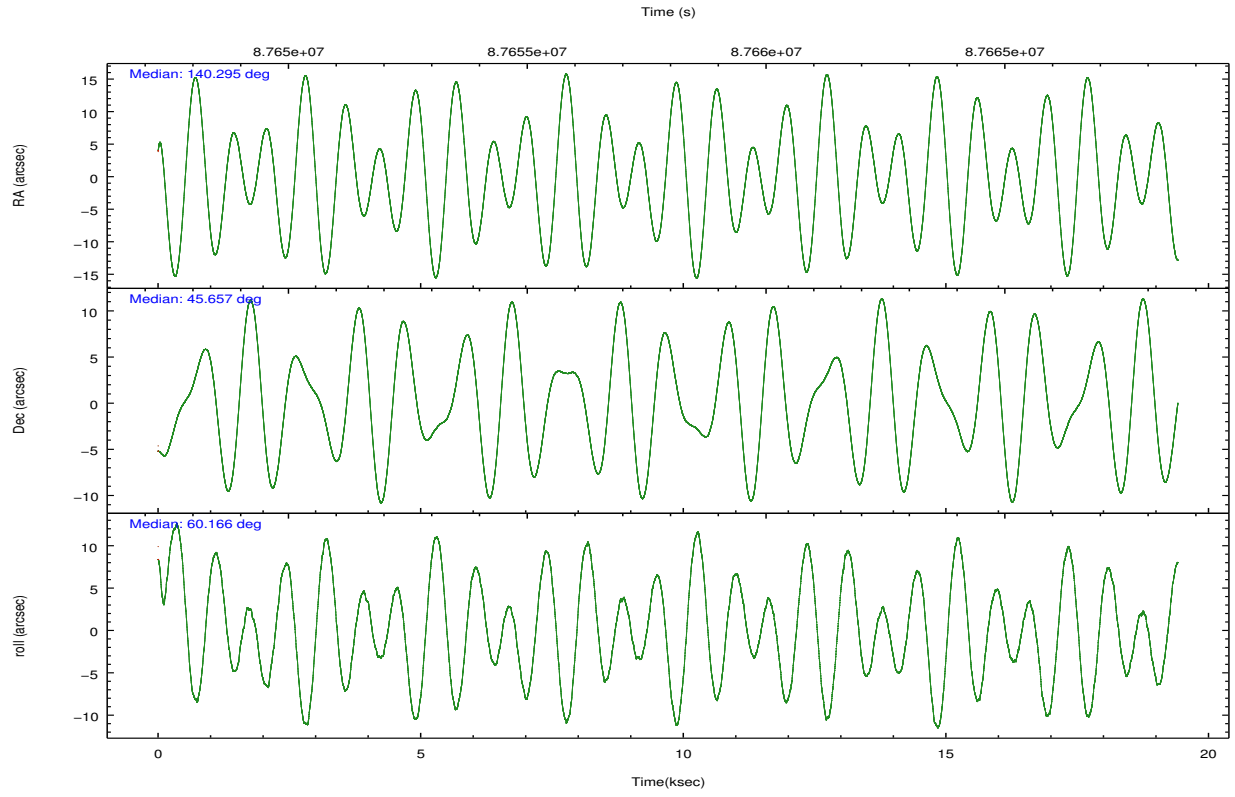
	ccd 7
grade 0 events	6030
	7%
grade 1 events	136
	0%
grade 2 events	8787
	10%
grade 3 events	4308
	5%
grade 4 events	4225
	5%
grade 5 events	7432
	8%
grade 6 events	18858
	22%
grade 7 events	34312
	40%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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	140.295350	140.2949453948627	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	45.629637	45.65695834915957	Subarray start row	256	256
[deg] Pointing Roll	60.013116	60.17002936564056	Subarray row count	512	512
[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	1.6
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	87649158.184000	87647837.570628			
Observation start date	2000-10-11T10:58:14	2000-10-11T10:37:17			
[s] Observation end time (MET)	87667658.184000	87667996.758889			
Observation end date	2000-10-11T16:06:34	2000-10-11T16:13:16			
Read mode	TIMED	TIMED			

2.3 Aspect



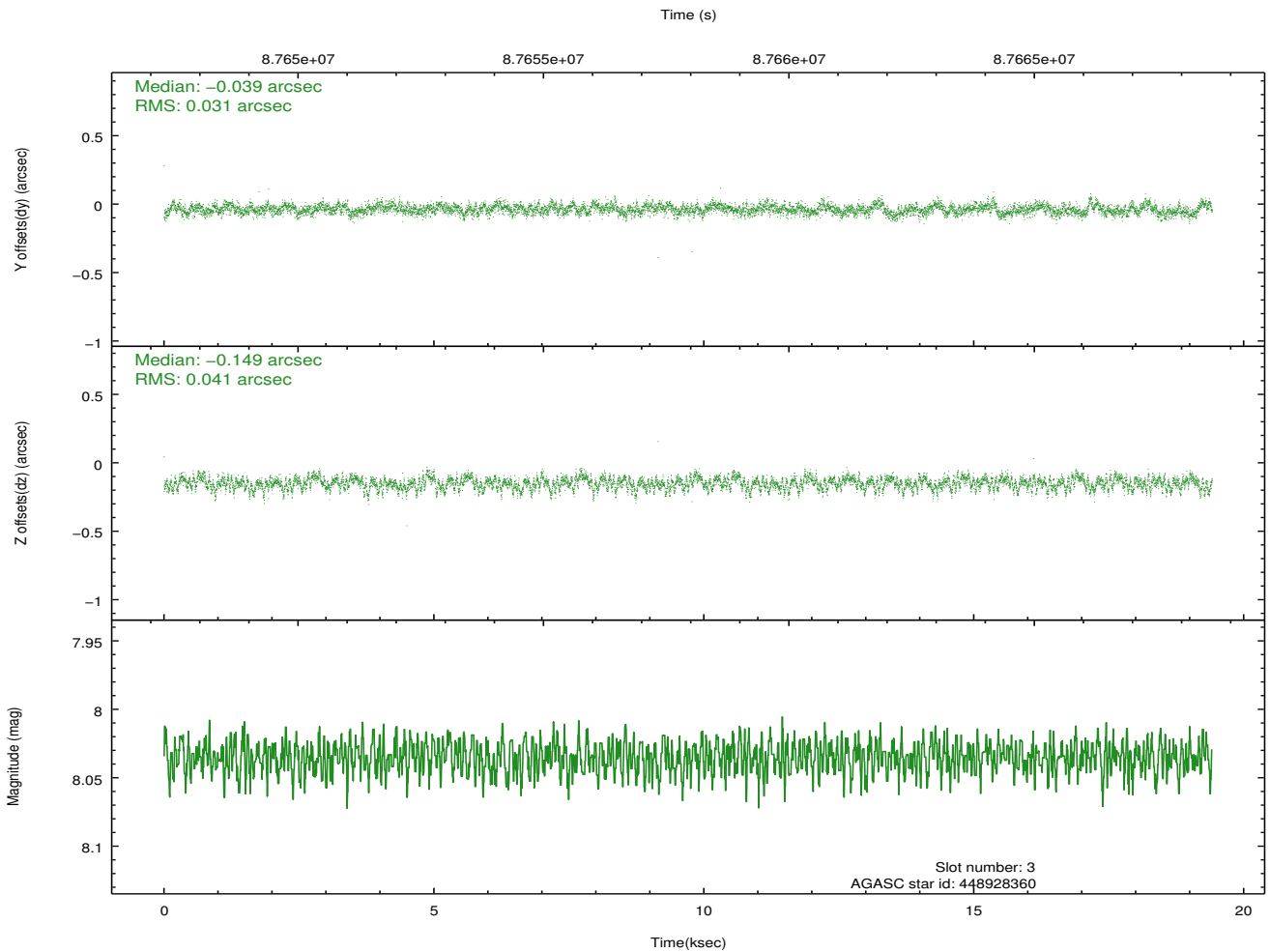
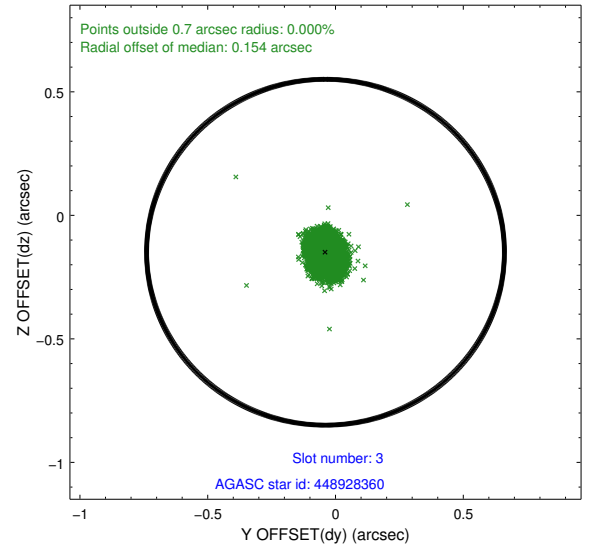
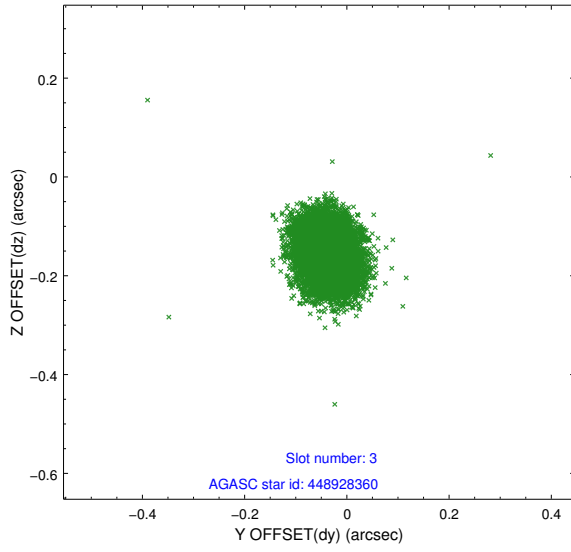


Slot Statistics

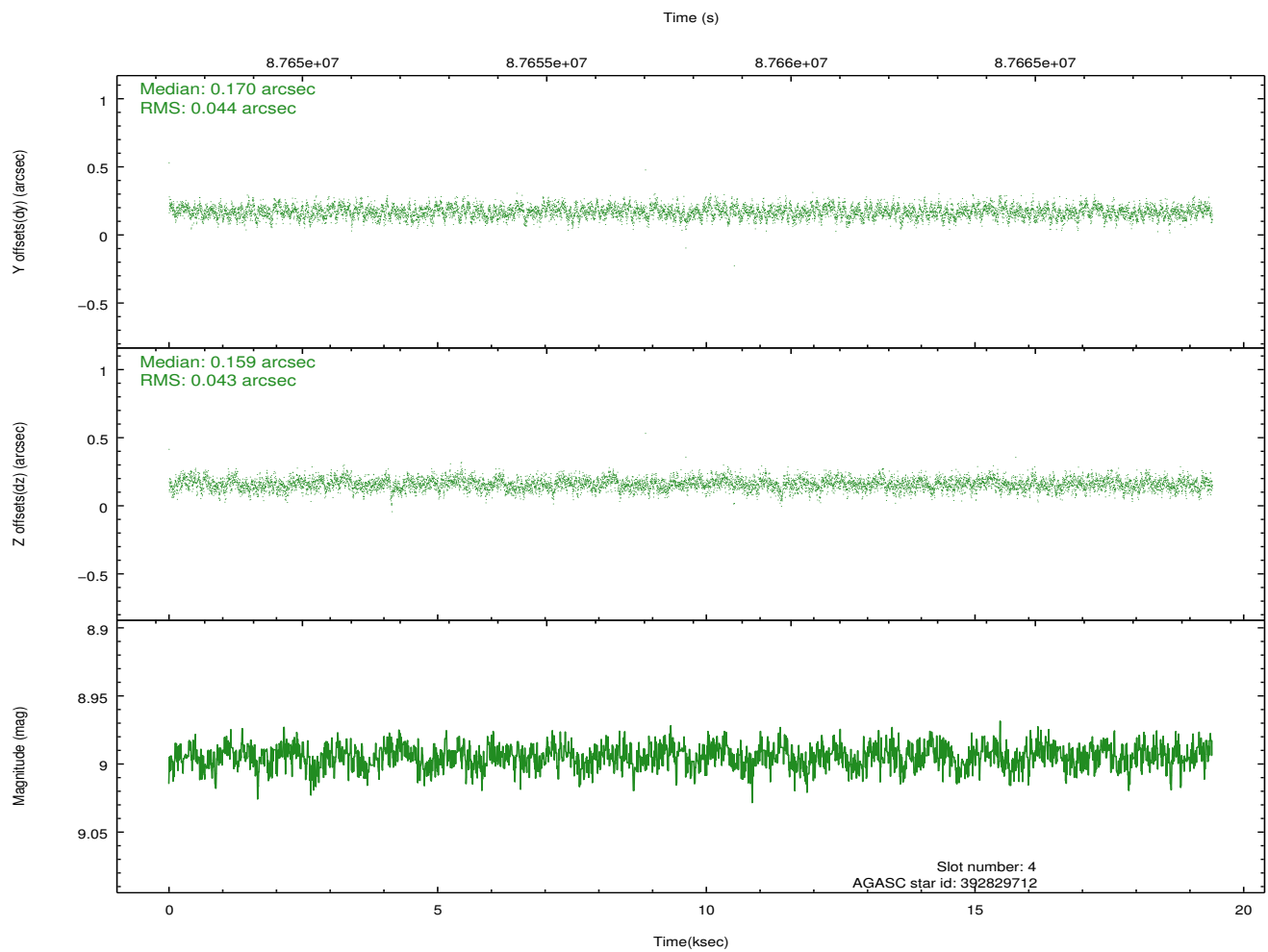
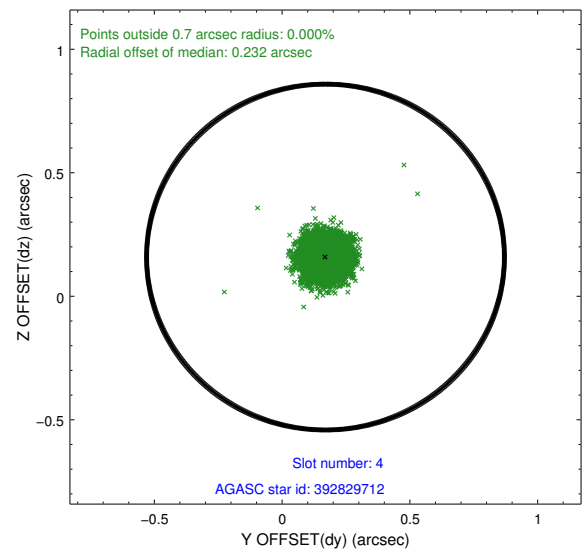
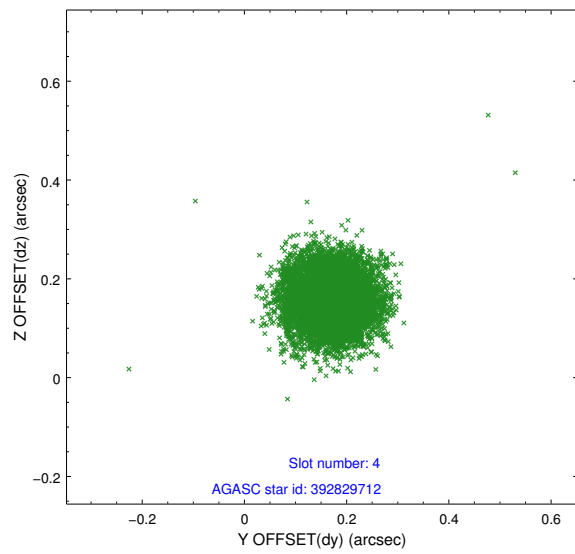
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4731	-0.037	-0.003	0.007	0.012	0.000000	0.000000	-754.87	-1727.56
1	FID	ACIS-S-4	7.20	4726	-0.019	0.018	0.006	0.011	0.000000	0.000000	2158.31	180.77
2	FID	ACIS-S-5	7.23	4732	0.025	-0.007	0.007	0.012	0.000000	0.000000	-1807.42	174.61
3	GUIDE	448928360	8.03	9462	-0.039	-0.149	0.054	0.089	140.281457	45.866986	722.67	457.52
4	GUIDE	392829712	8.99	9461	0.170	0.159	0.064	0.105	140.455655	44.898437	-2075.03	-1669.13
5	GUIDE	448930216	9.01	9458	-0.115	0.106	0.071	0.118	141.088326	45.654108	1081.98	-1678.92
6	GUIDE	448927896	9.33	9458	-0.152	0.036	0.083	0.135	140.809040	46.107191	2133.48	-248.80
7	GUIDE	448934152	9.18	9455	0.137	-0.149	0.073	0.118	139.901788	45.321134	-1457.35	309.13

2.4 Star Slots

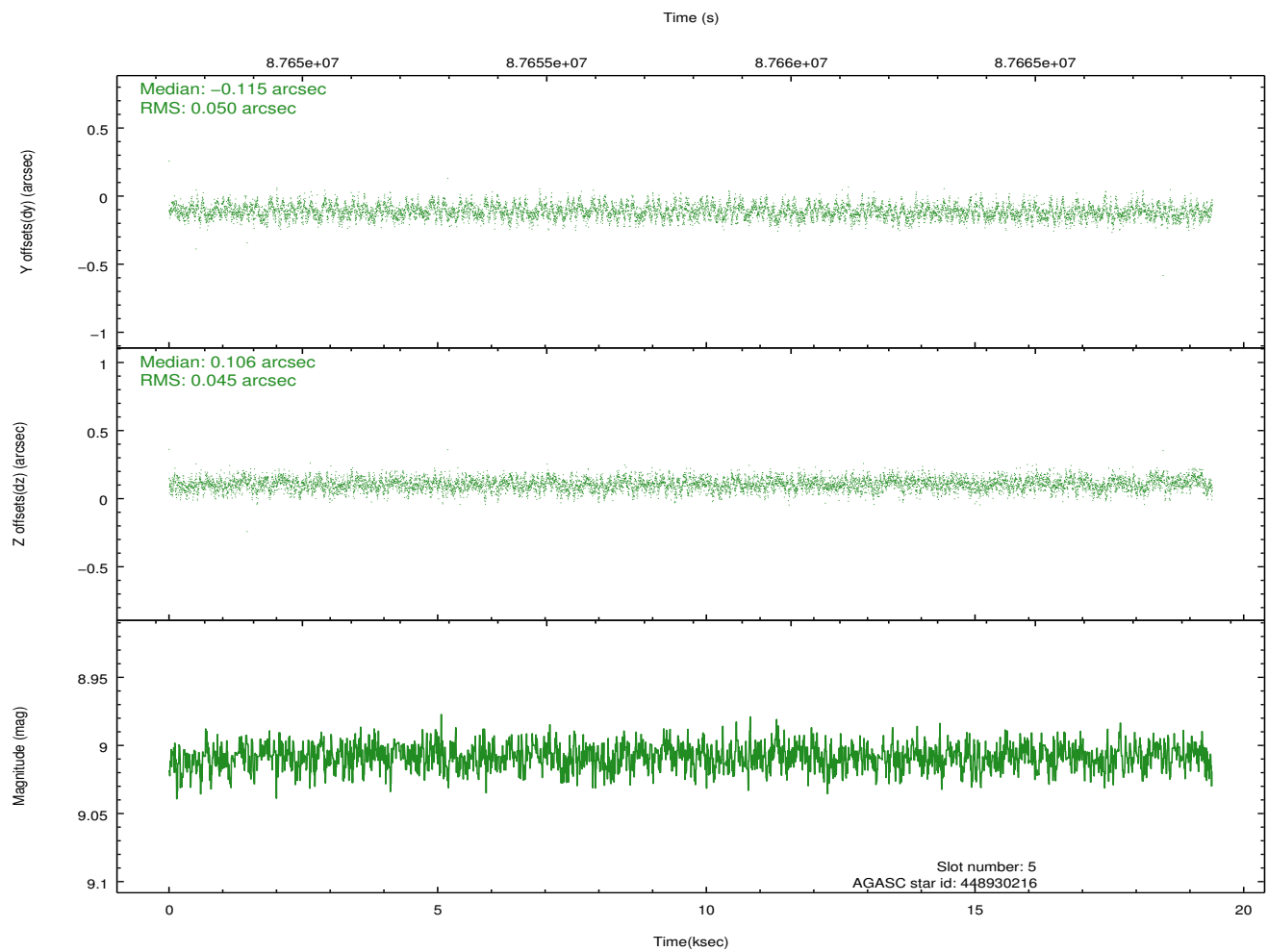
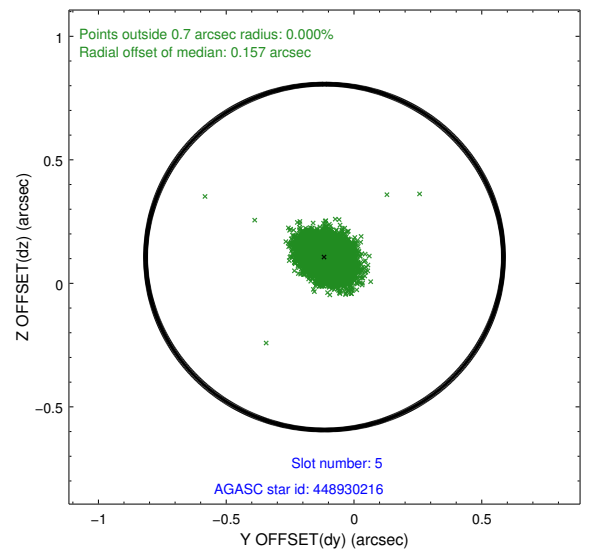
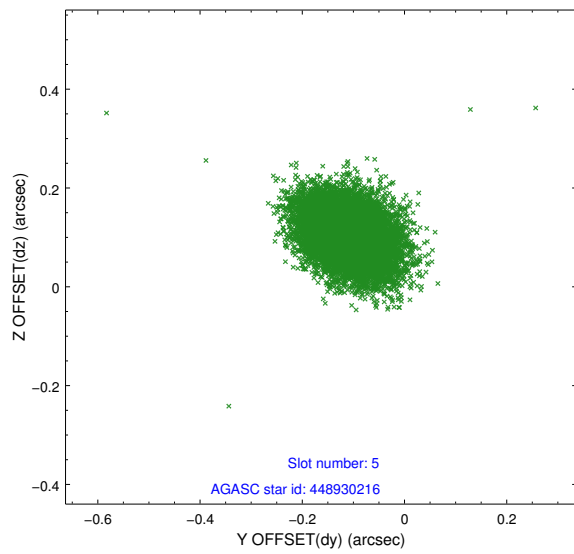
2.4.1 Slot 3



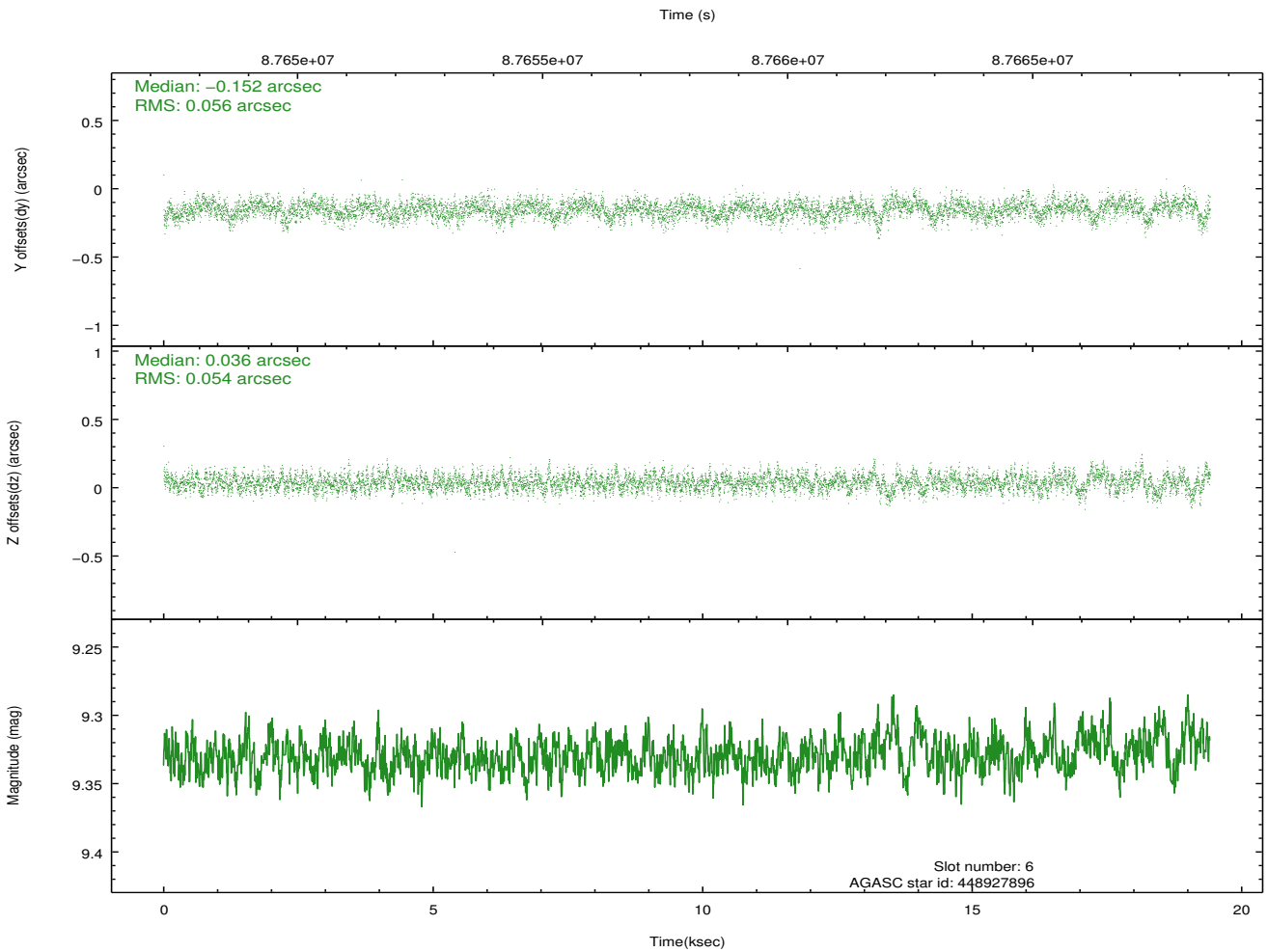
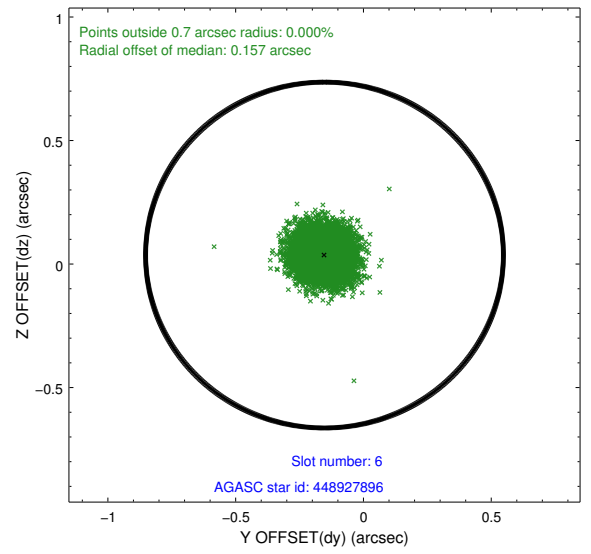
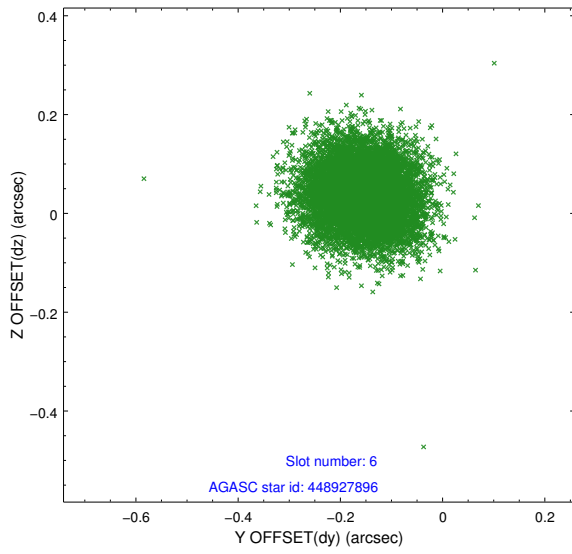
2.4.2 Slot 4



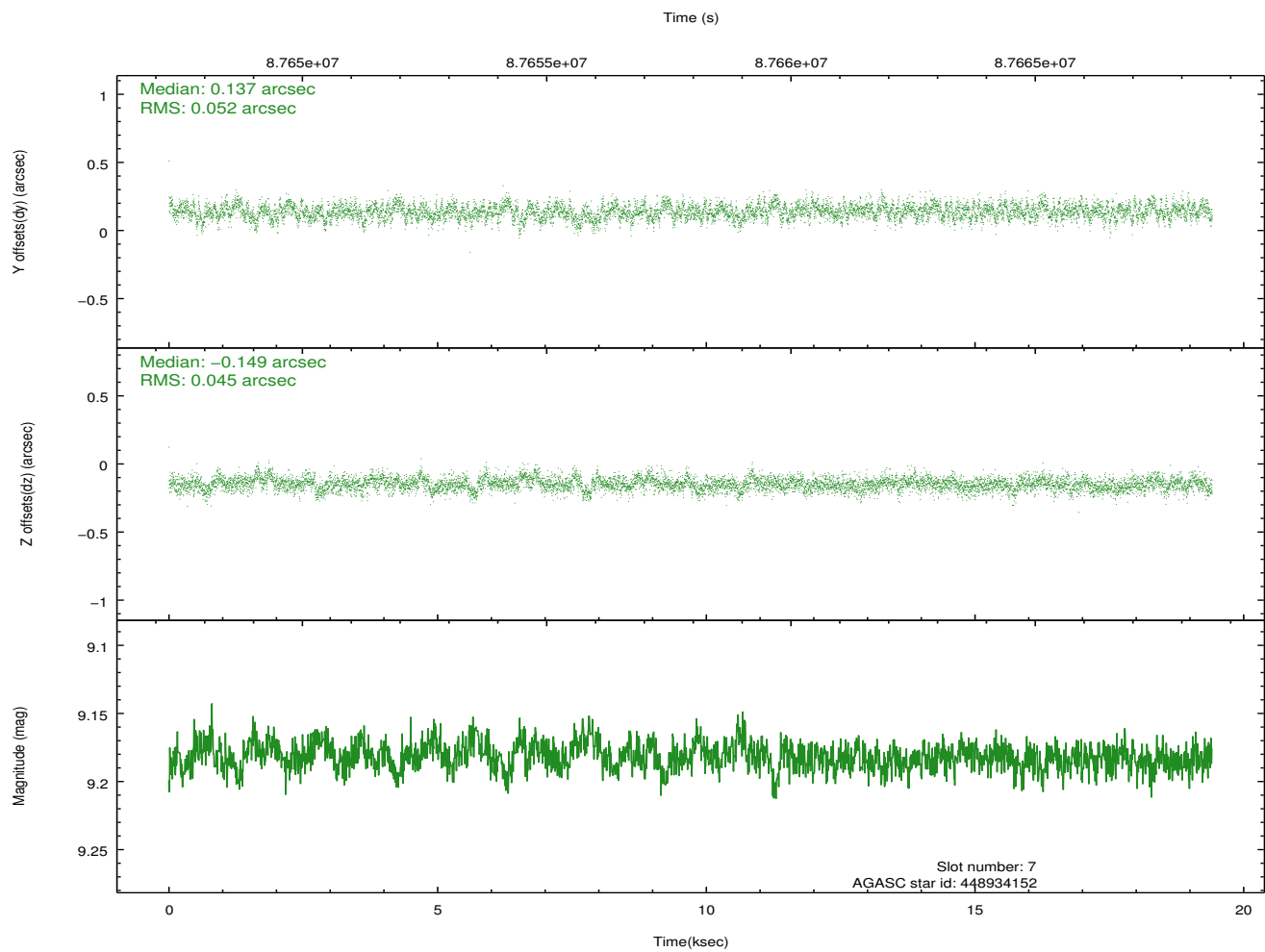
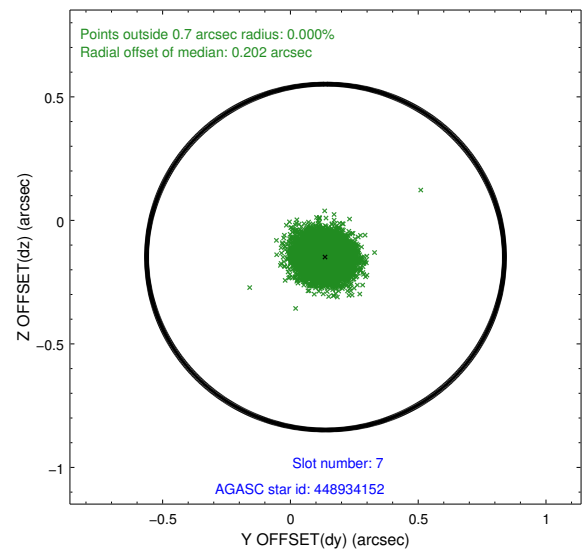
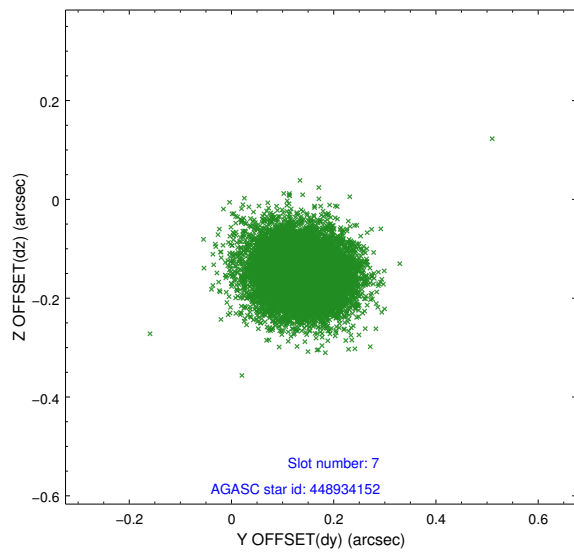
2.4.3 Slot 5



2.4.4 Slot 6

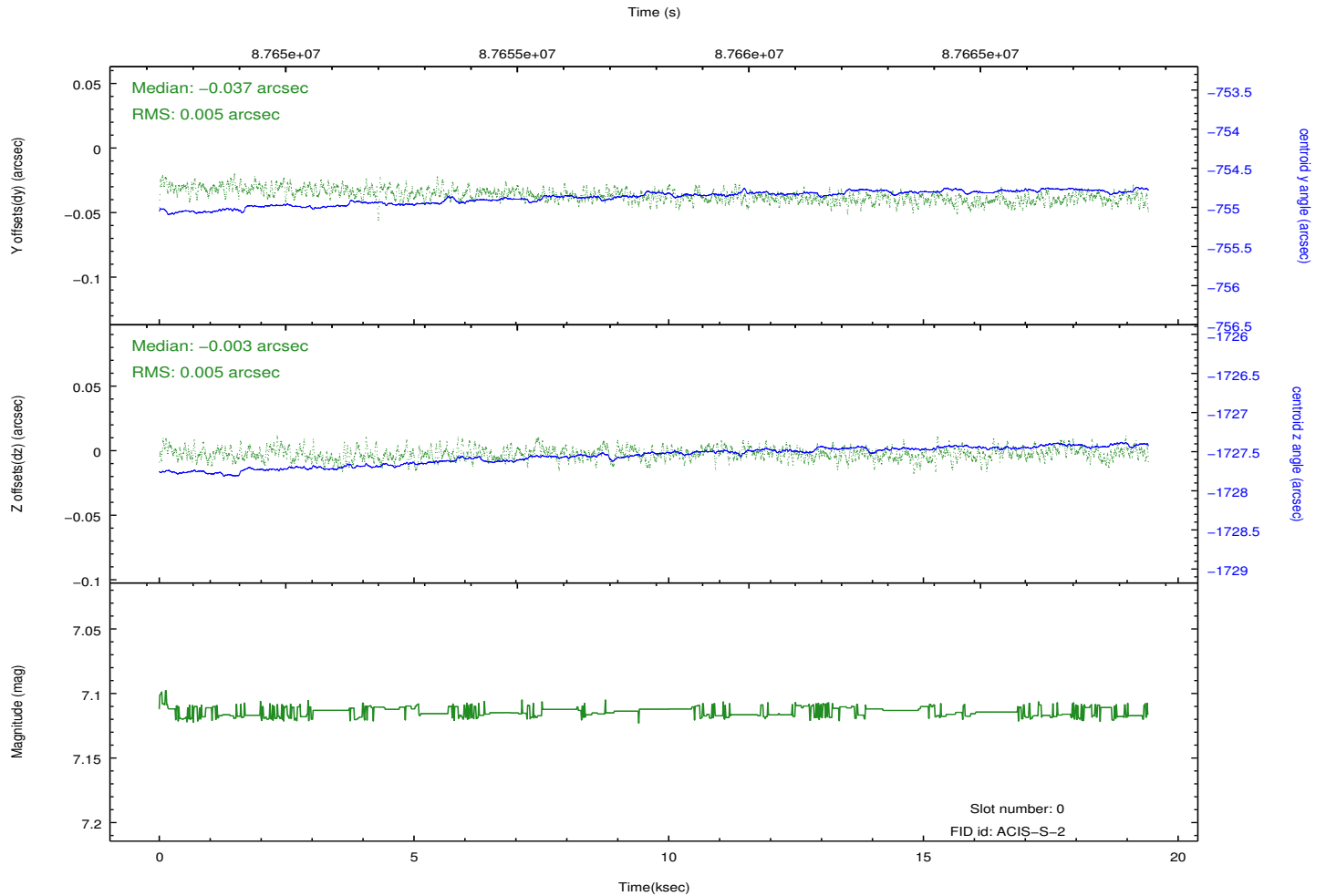
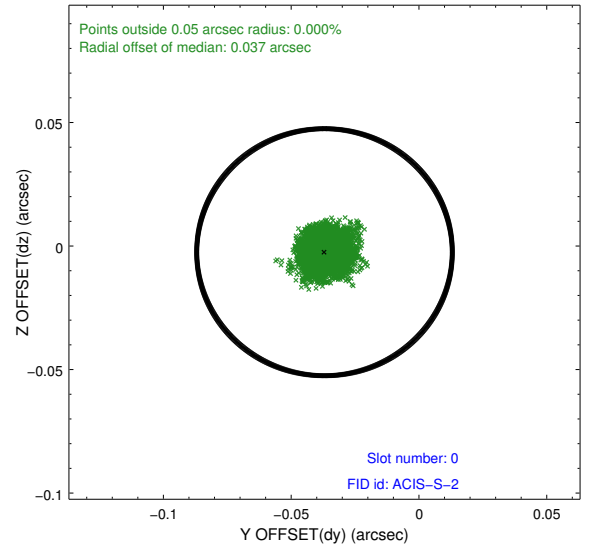
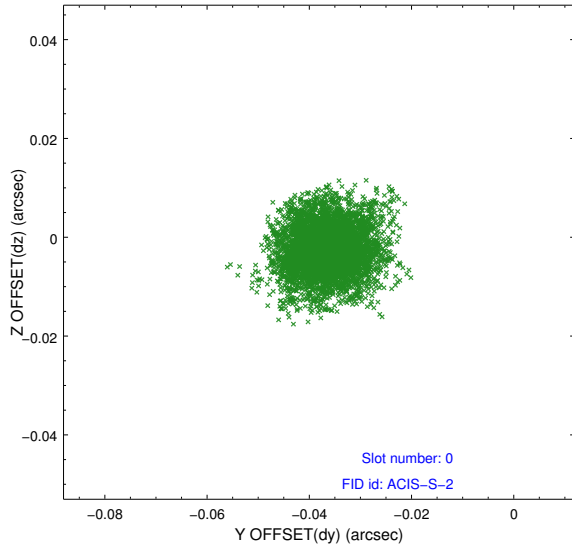


2.4.5 Slot 7

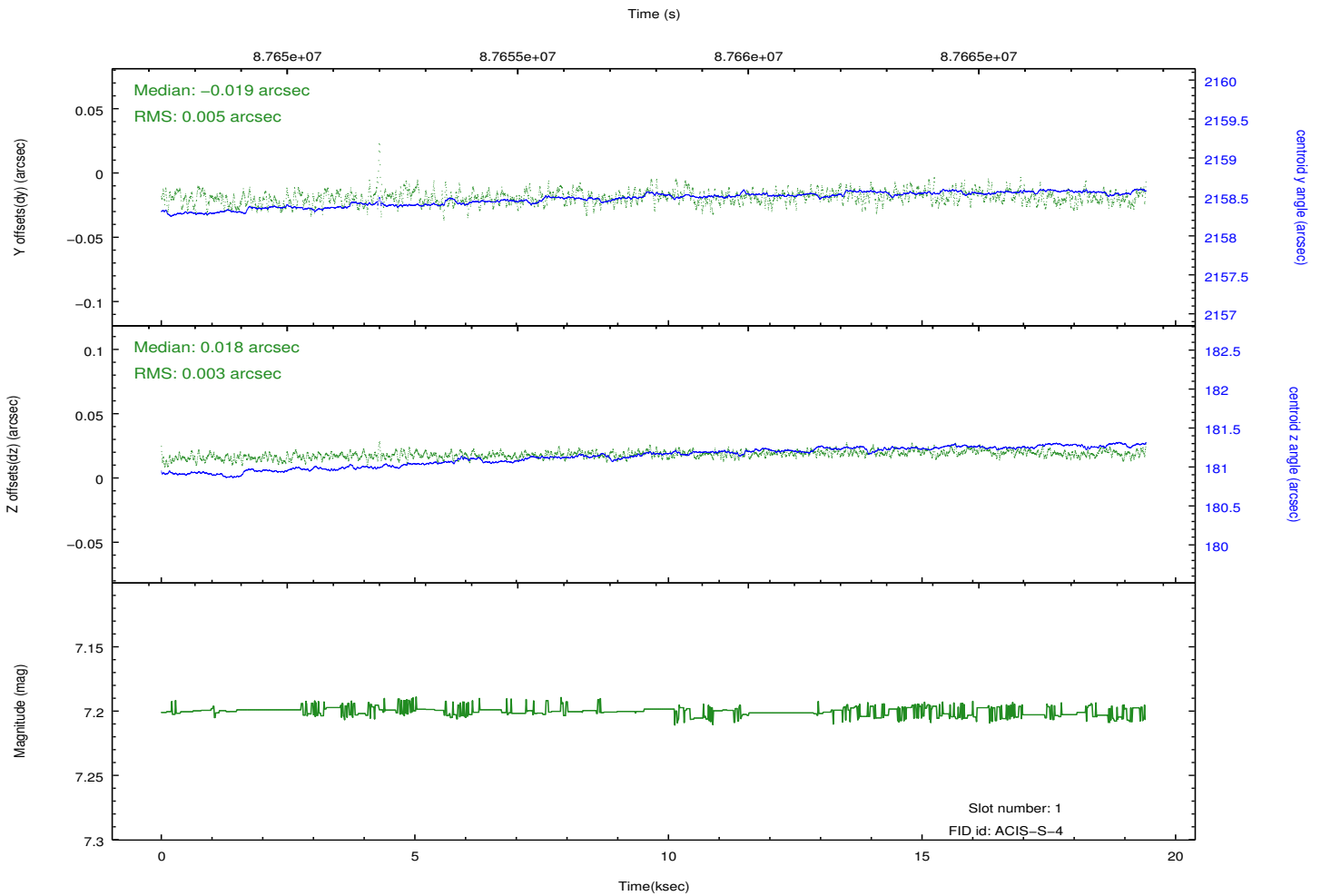
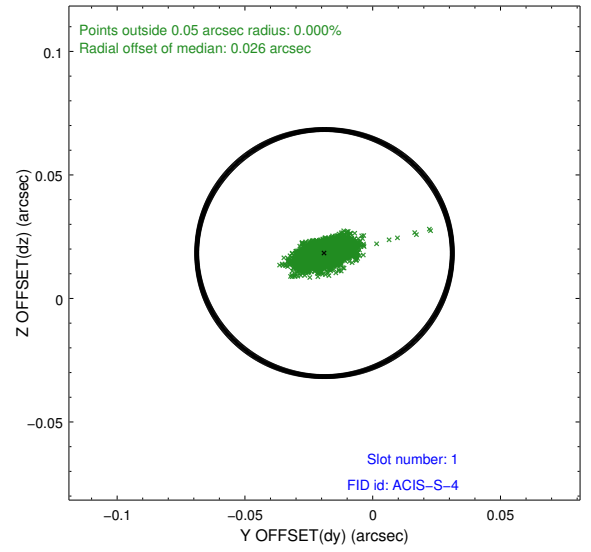
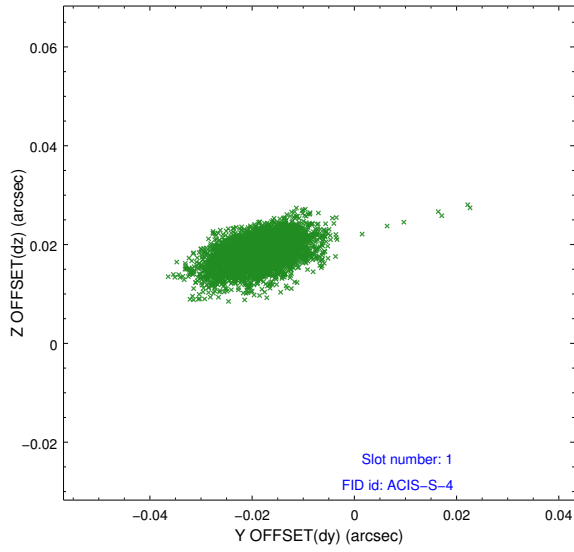


2.5 FID Slots

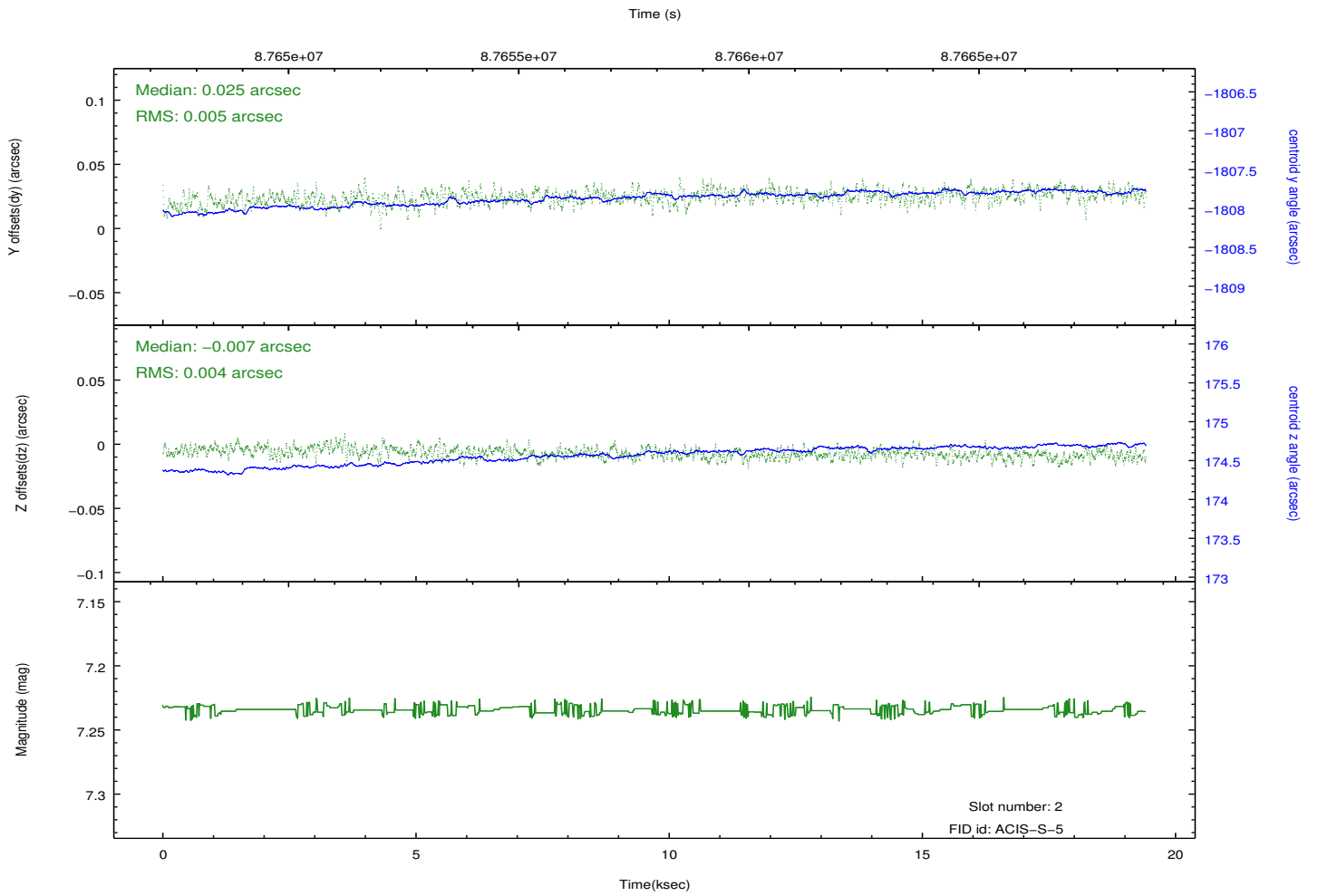
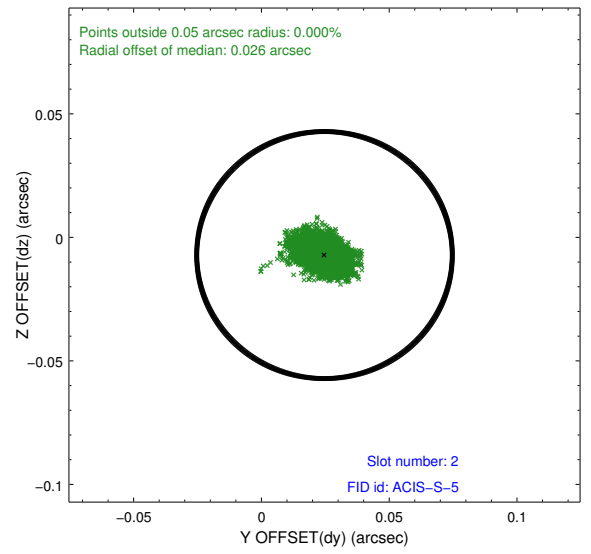
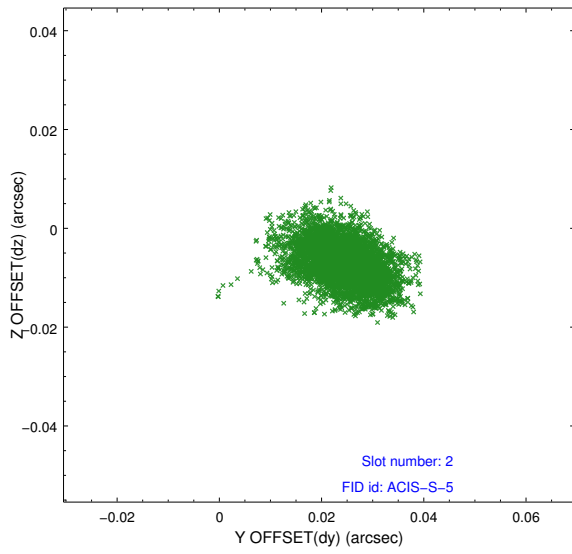
2.5.1 Slot 0



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	19.236

A.2 Comments