

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9295 - L2 Version 2
Chandra X-Ray Center

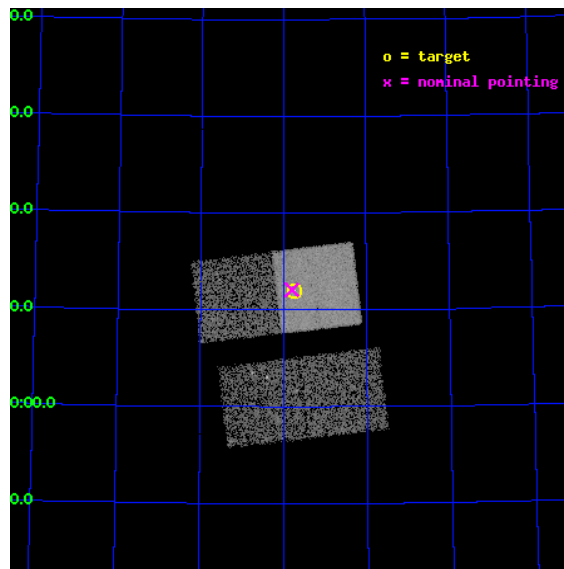
L2 Processing Date : May 12 2012

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1 Front

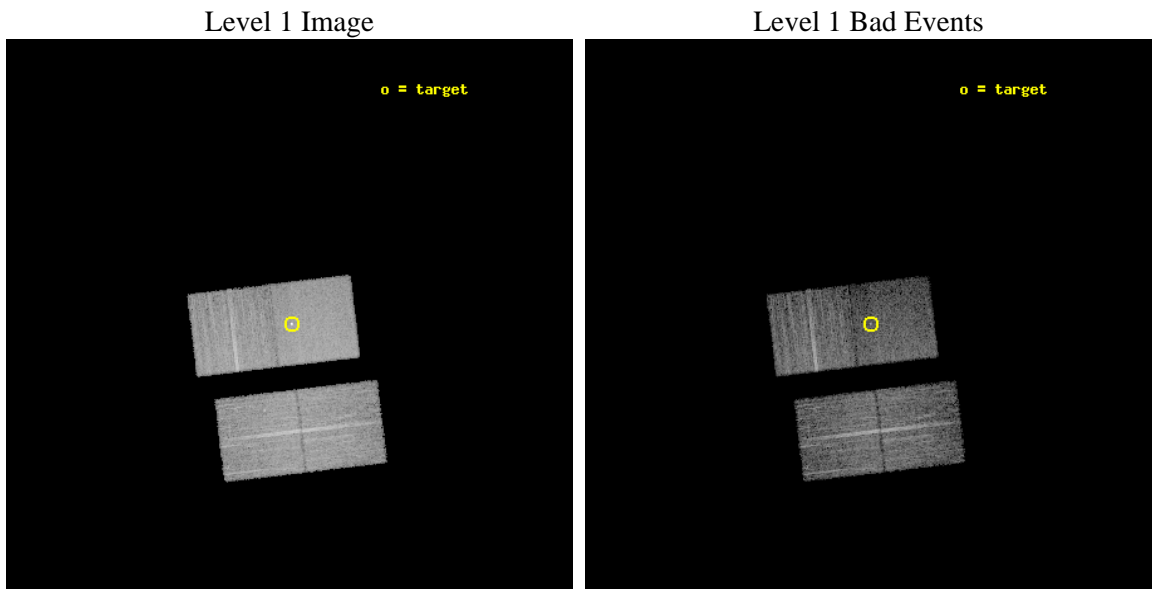
seq_num	701735	Sequence number
obs_id	9295	Observation id
title	Towards a Complete Sample: 3CR Extragalactic Radio Sources with $z < 0.3$	Proposal title
observer	Dr. Daniel Harris	Principal investigator
object	3C33.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	17.434583	Observer's specified target RA [deg]
dec_targ	73.199278	Observer's specified target Dec [deg]
ra_nom	17.449904993852	Nominal RA [deg]
dec_nom	73.201276489444	Nominal Dec [deg]
roll_nom	353.25130081986	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8174.700062871	Sum of GTIs [s]
livetime	8067.8915884229	Livetime [s]
ontime2	8171.5590925813	Sum of GTIs [s]
ontime3	8174.700062871	Sum of GTIs [s]
ontime6	8174.700062871	Sum of GTIs [s]
ontime7	8174.700062871	Sum of GTIs [s]
l2events	49226	Number of level 2 events



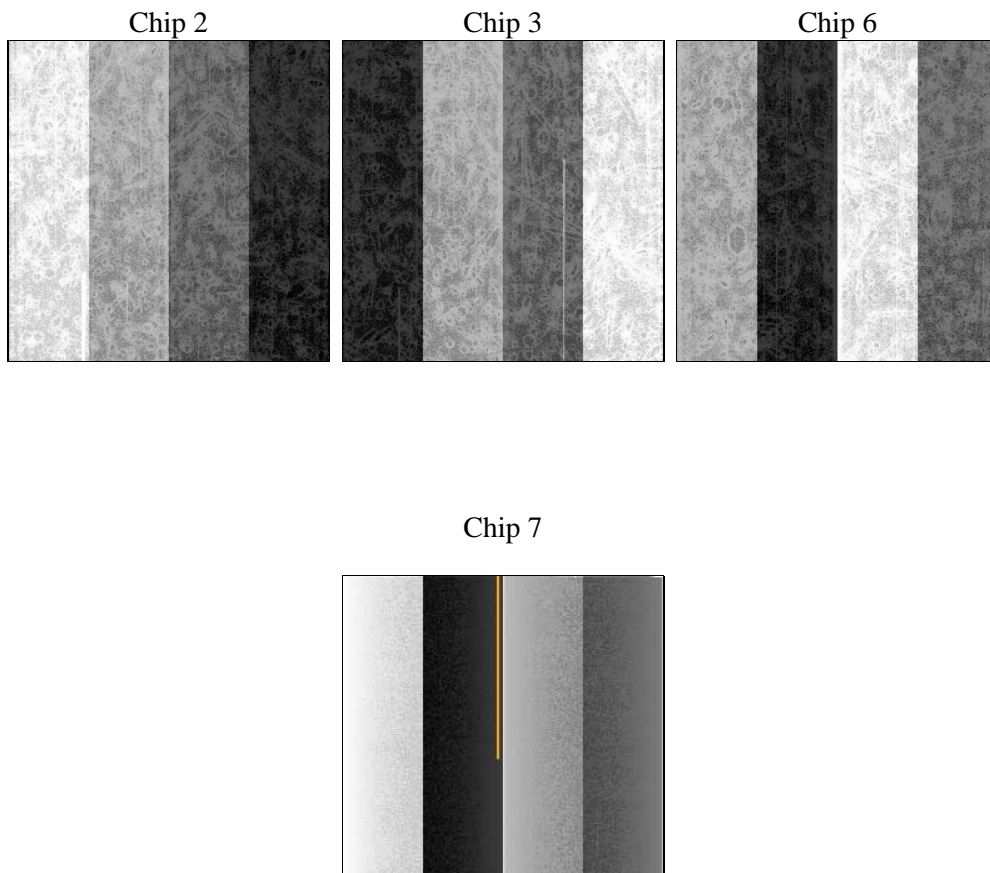
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8174.700062871	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	8171.5590925813	Sum of GTIs [s]
date	2012-05-12T13:11:41	Date and time of file creation	ontime3	8174.700062871	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8174.700062871	Sum of GTIs [s]
			ontime7	8174.700062871	Sum of GTIs [s]
			l1events	269642	Number of level 1 events

2.1.4 Events

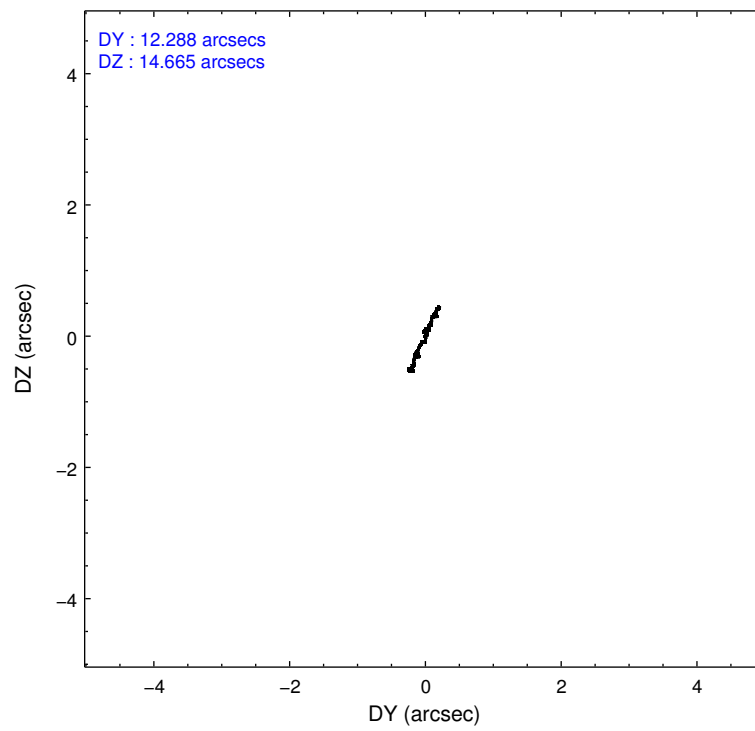
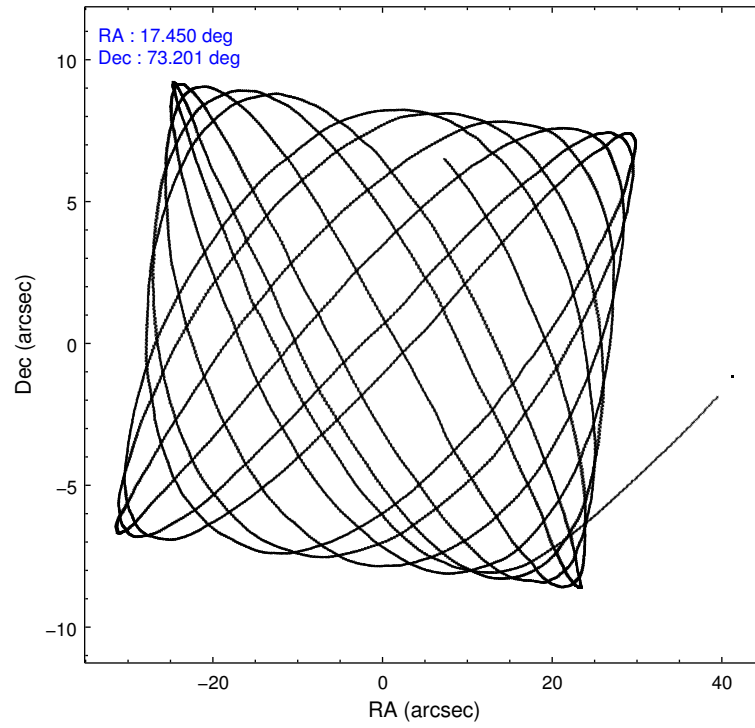
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	67128	62610	65917	73987
rejected events	60604	56554	59222	40348
rejected %	90%	90%	89%	54%

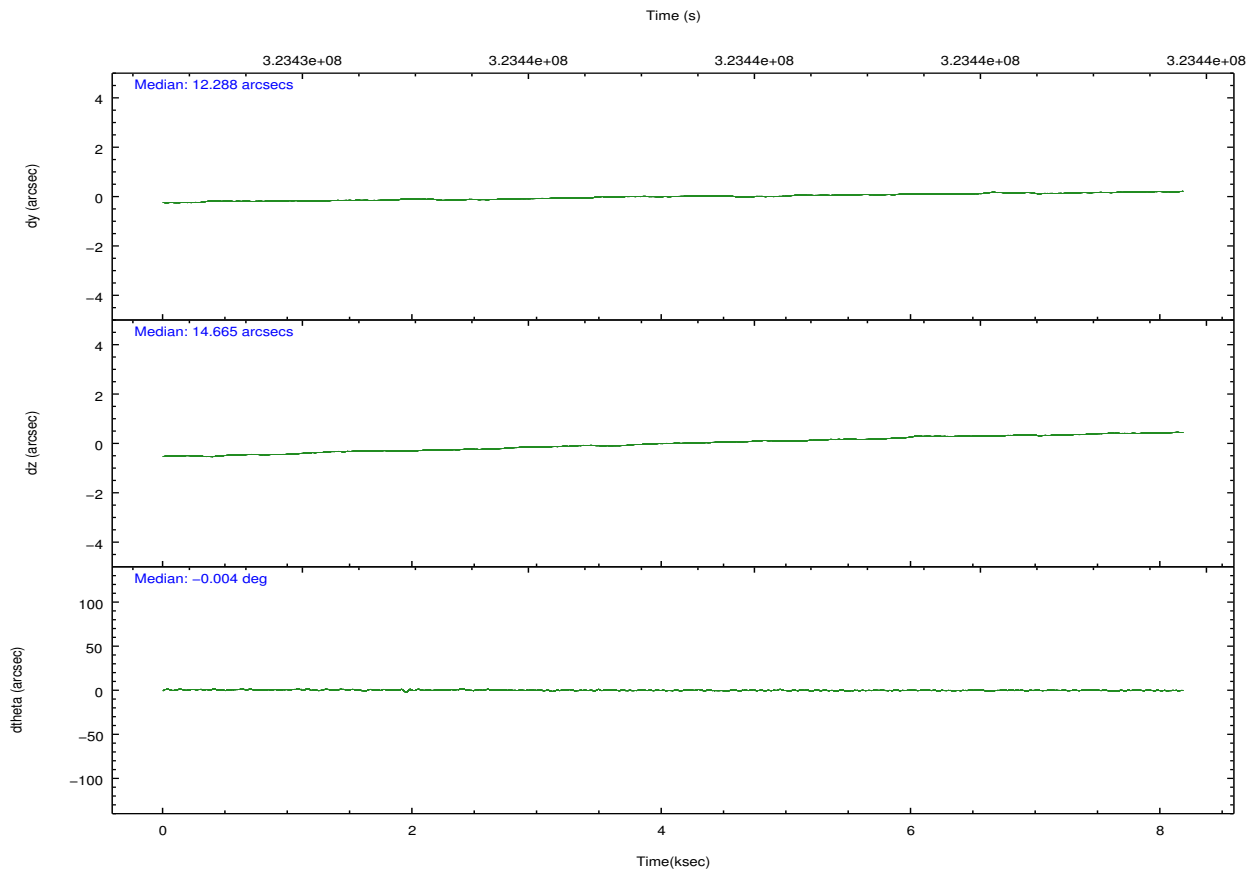
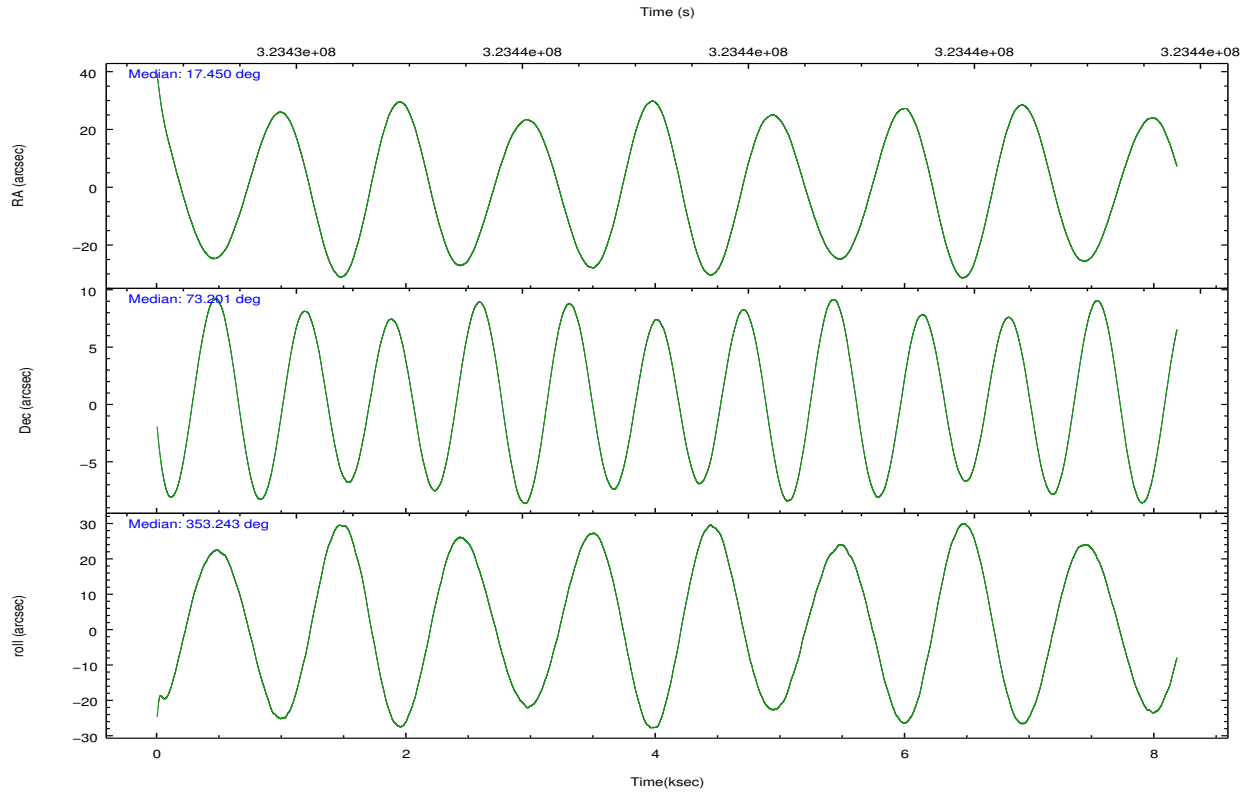
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2446	2094	2309	3231
	3%	3%	3%	4%
grade 1 events	42	37	34	81
	0%	0%	0%	0%
grade 2 events	1539	1363	1488	6889
	2%	2%	2%	9%
grade 3 events	697	672	701	3202
	1%	1%	1%	4%
grade 4 events	661	728	758	3045
	0%	1%	1%	4%
grade 5 events	2209	2625	2606	7843
	3%	4%	3%	10%
grade 6 events	1230	1245	1504	17560
	1%	1%	2%	23%
grade 7 events	58304	53846	56517	32136
	86%	86%	85%	43%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	17.363452	17.44990499385216	Subarray requested	NONE	NONE
[deg] Pointing Dec	73.190173	73.20127648944359	Alternating exposures requested	N	N
[deg] Pointing Roll	353.177411	353.251300819856	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	323433369.184000	323432404.26136			
Observation start date	2008-04-01T10:35:04	2008-04-01T10:20:04			
[s] Observation end time (MET)	323441369.184000	323442090.51183			
Observation end date	2008-04-01T12:48:24	2008-04-01T13:01:30			
Read mode	TIMED	TIMED			

2.3 Aspect



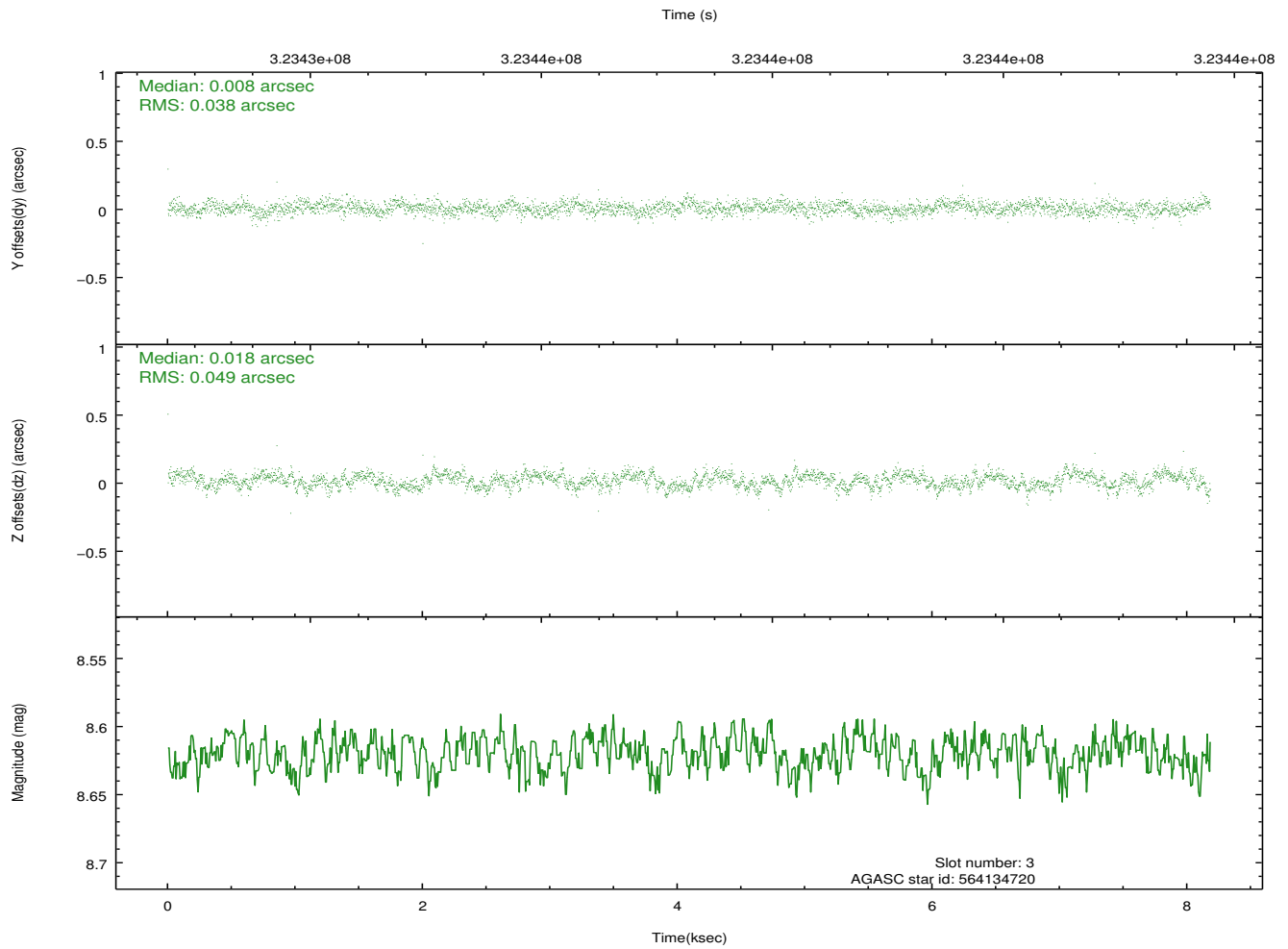
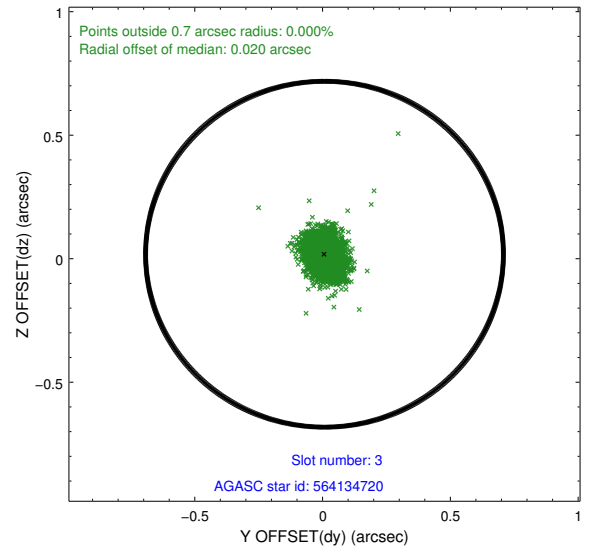
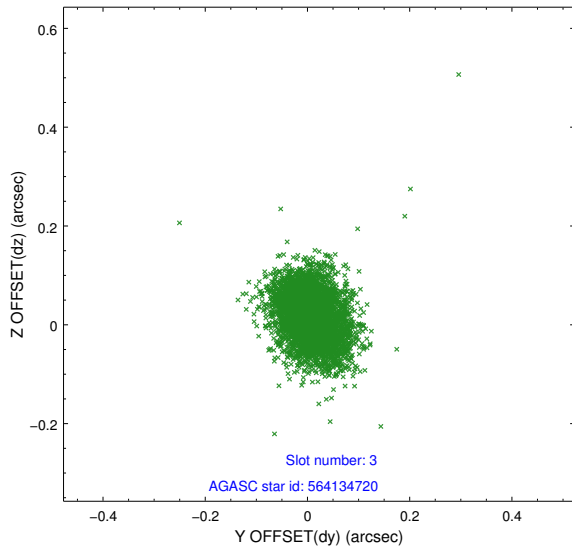


Slot Statistics

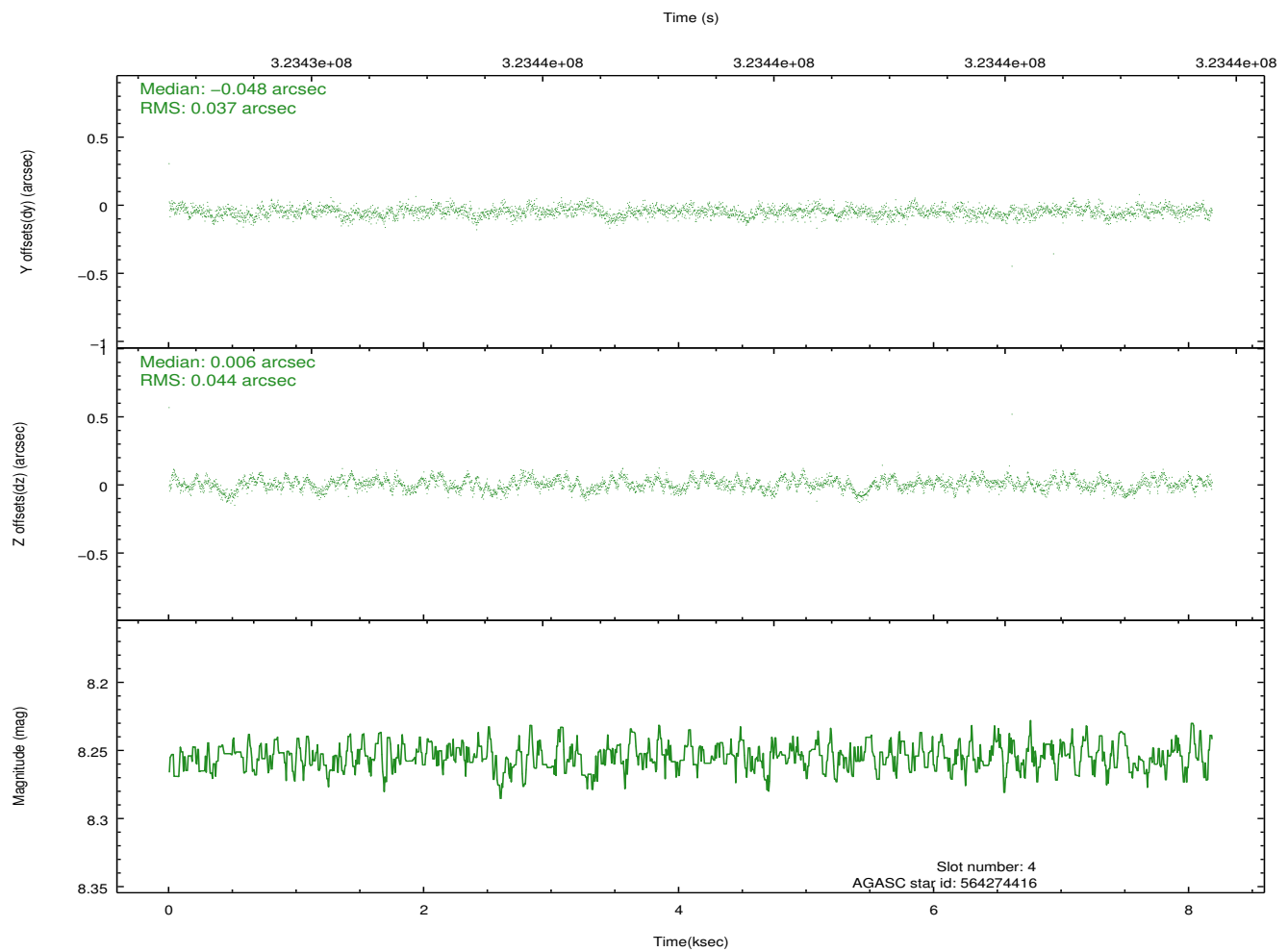
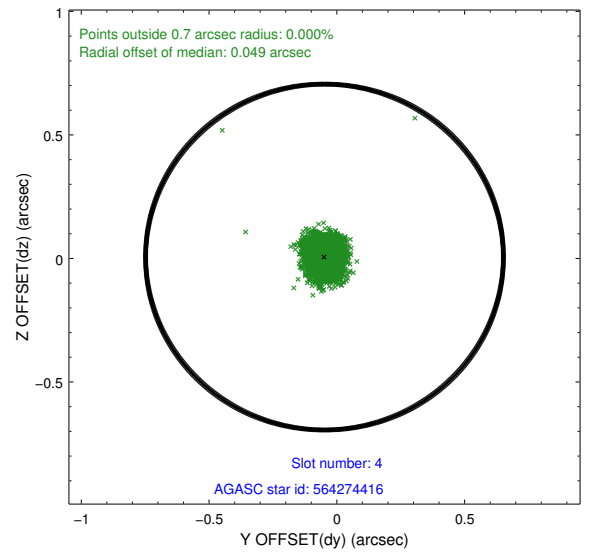
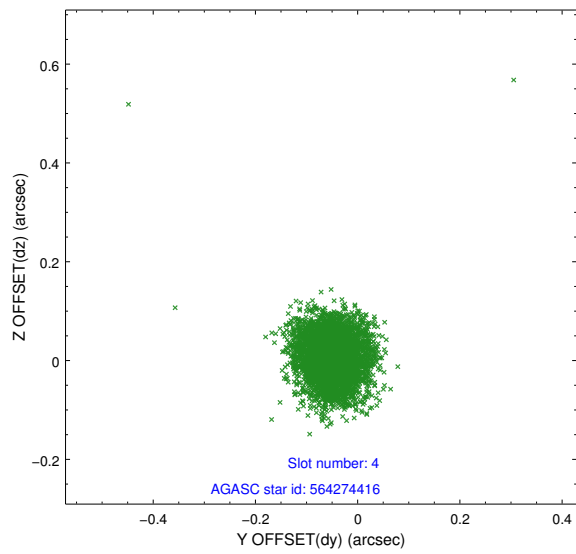
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1996	-0.075	-0.042	0.007	0.013	0.000000	0.000000	-765.23	-1736.06
1	FID	ACIS-S-4	7.19	1995	0.094	0.036	0.007	0.012	0.000000	0.000000	2147.89	171.81
2	FID	ACIS-S-6	7.33	1994	-0.046	0.013	0.009	0.015	0.000000	0.000000	397.64	809.95
3	GUIDE	564134720	8.62	3989	0.008	0.018	0.064	0.105	17.774237	73.120723	456.02	-195.24
4	GUIDE	564274416	8.25	3991	-0.048	0.006	0.060	0.096	18.565216	72.970256	1350.81	-622.36
5	GUIDE	564276512	9.12	3989	0.146	-0.106	0.104	0.167	18.562329	72.495177	1585.61	-2316.79
6	GUIDE	564664560	8.33	3989	-0.060	-0.048	0.057	0.090	15.798557	73.357103	-1675.25	425.54
7	GUIDE	564669120	8.83	3987	-0.042	0.132	0.080	0.130	15.262350	73.691154	-2327.91	1575.97

2.4 Star Slots

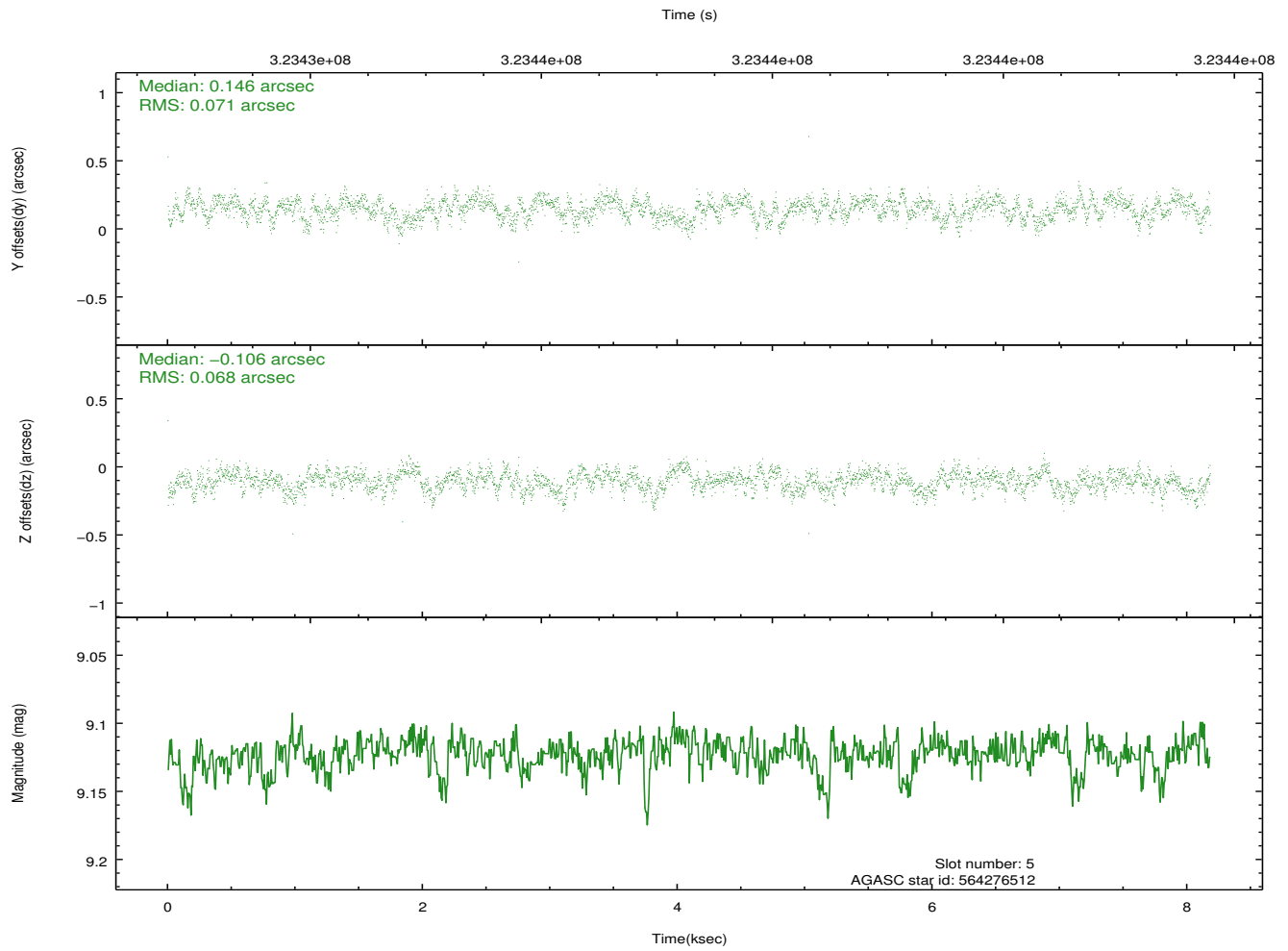
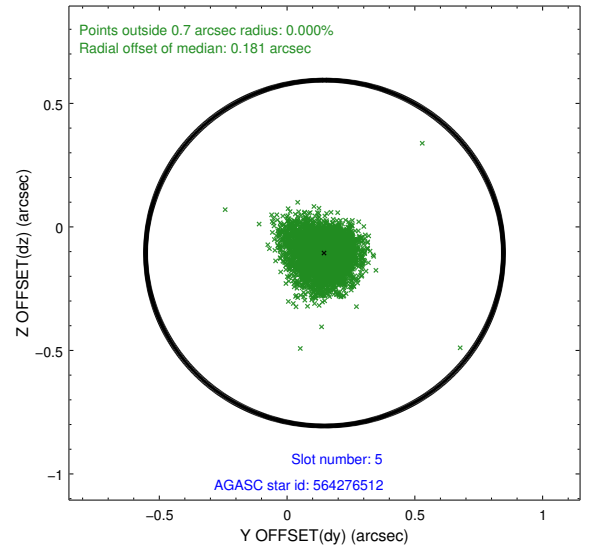
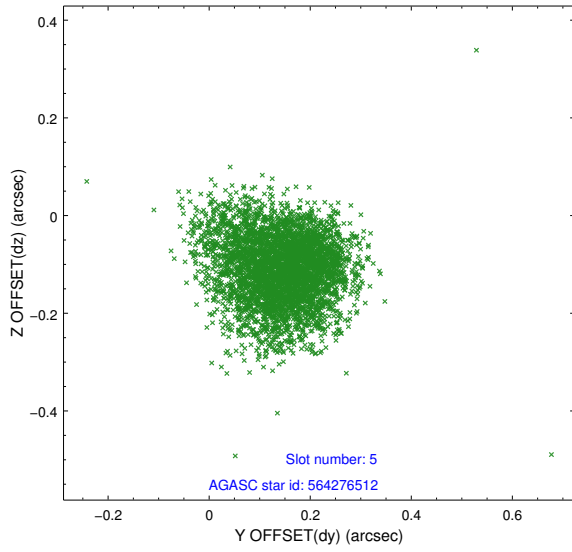
2.4.1 Slot 3



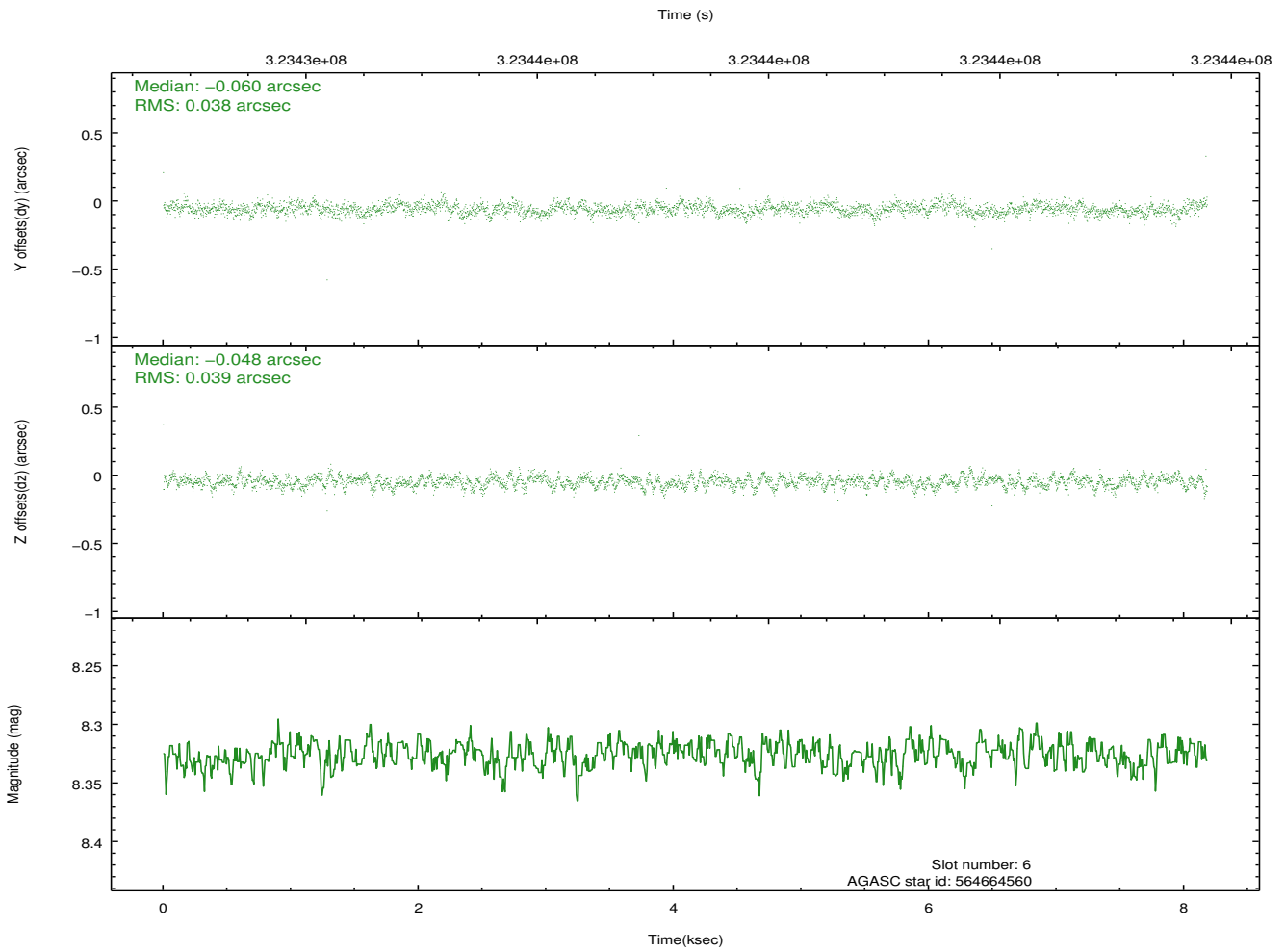
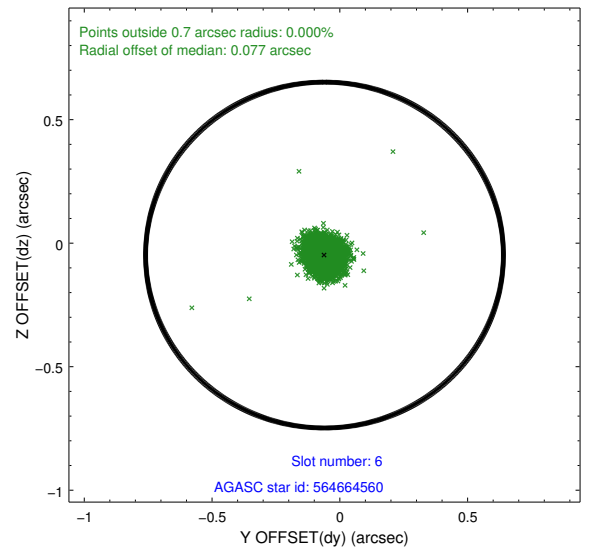
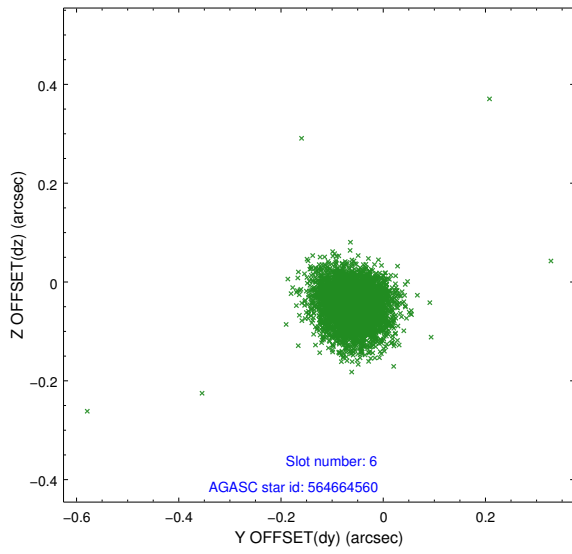
2.4.2 Slot 4



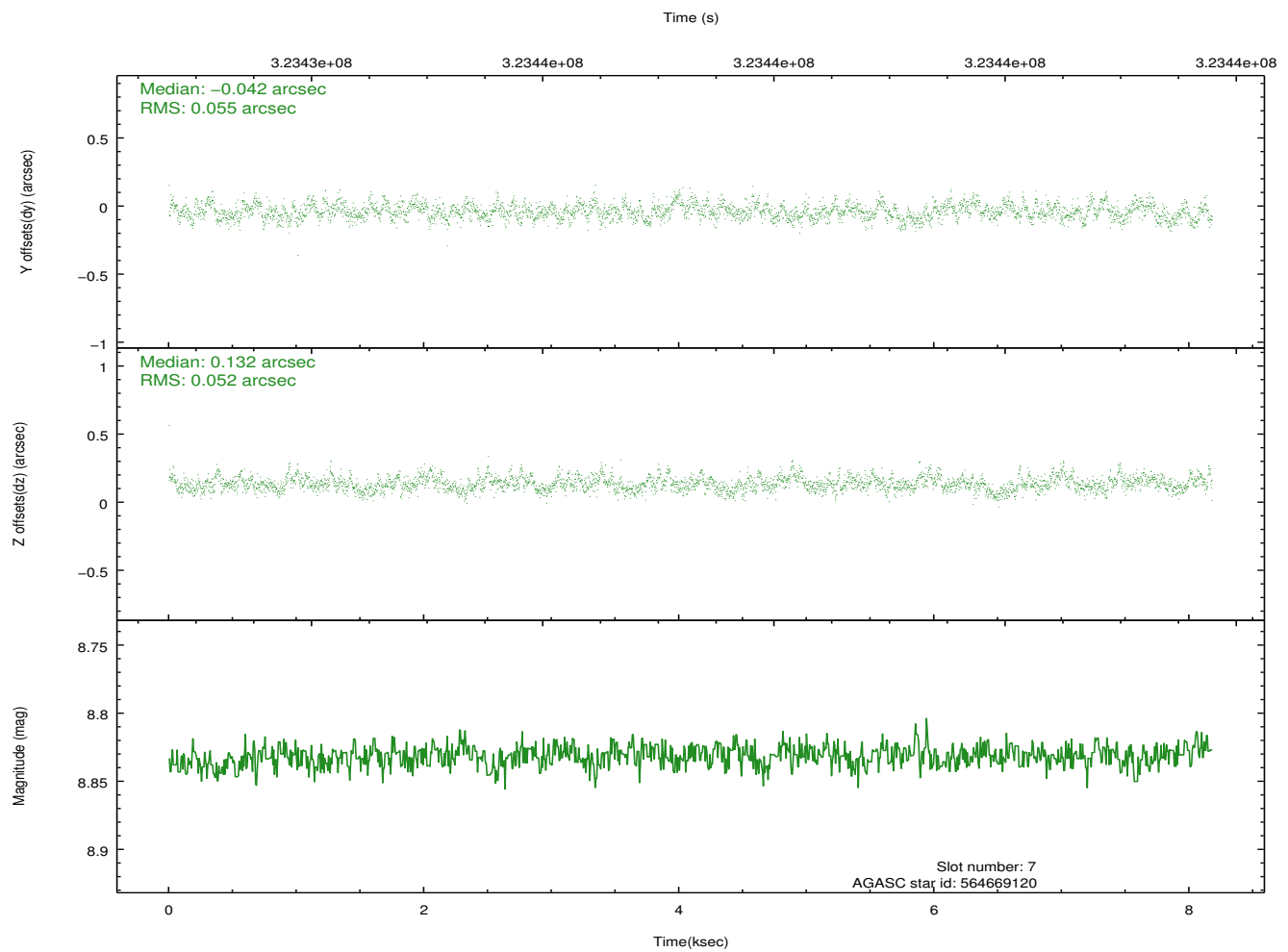
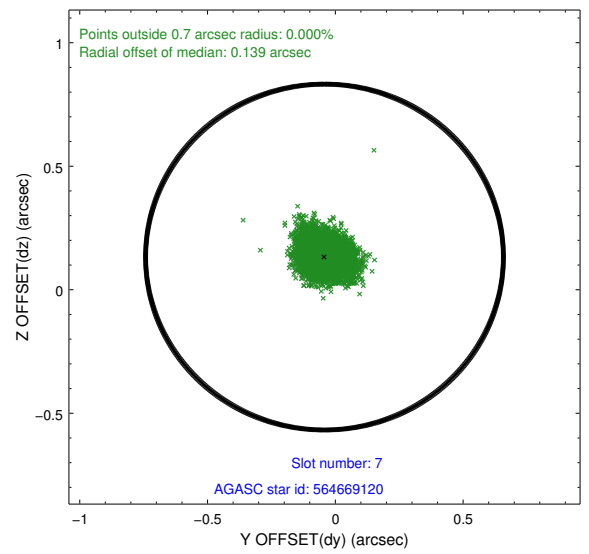
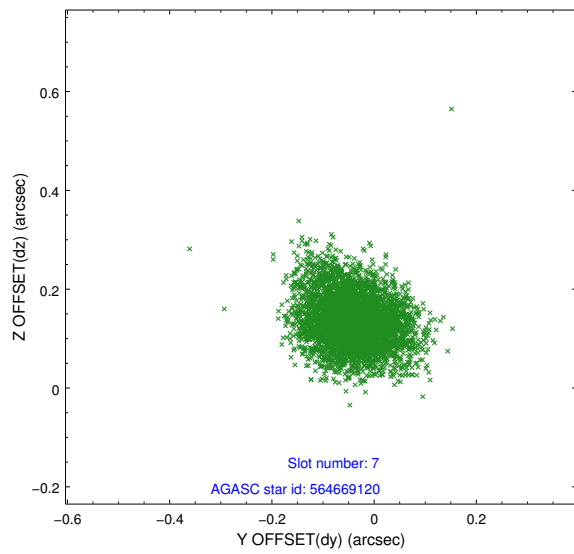
2.4.3 Slot 5



2.4.4 Slot 6

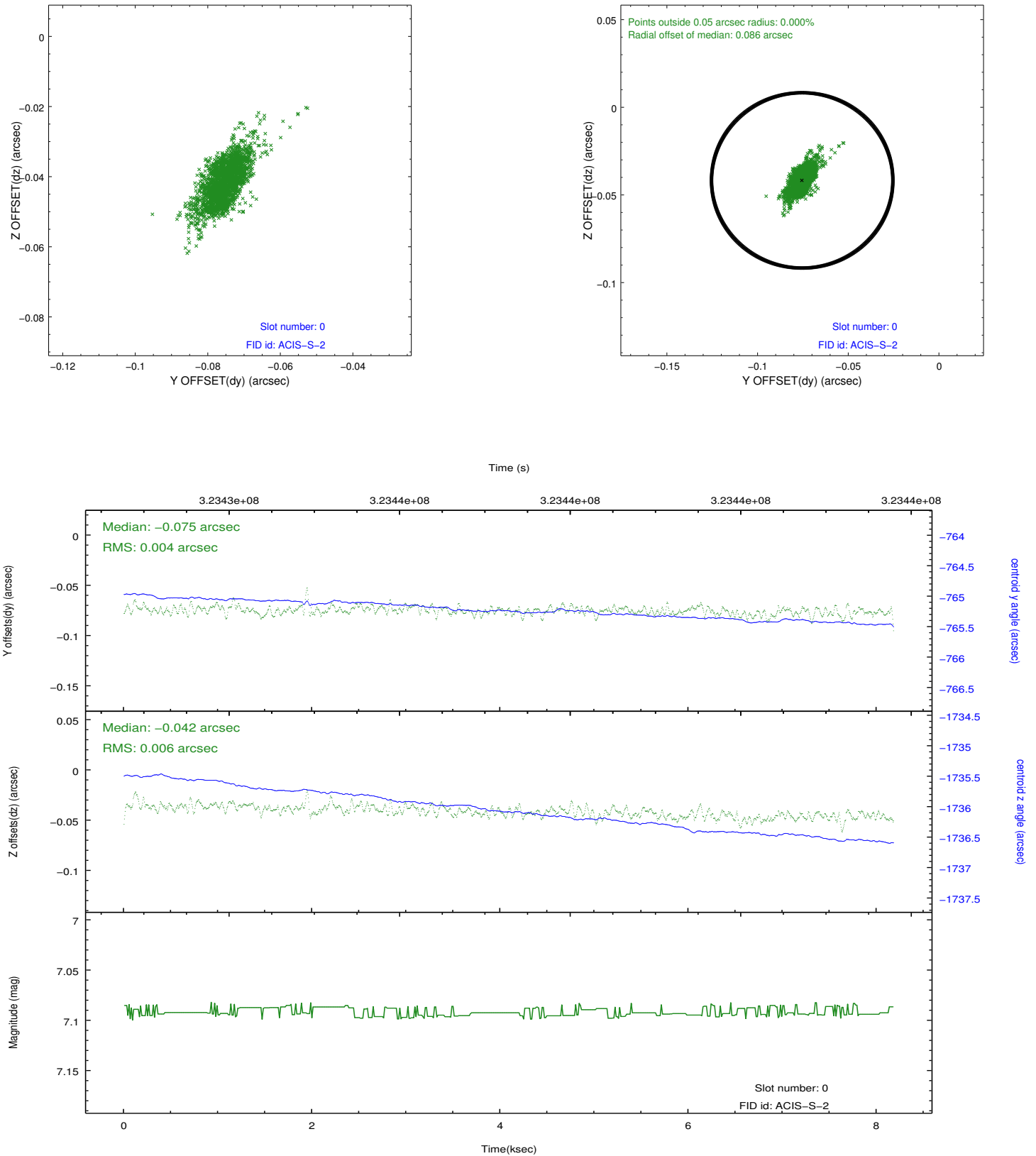


2.4.5 Slot 7

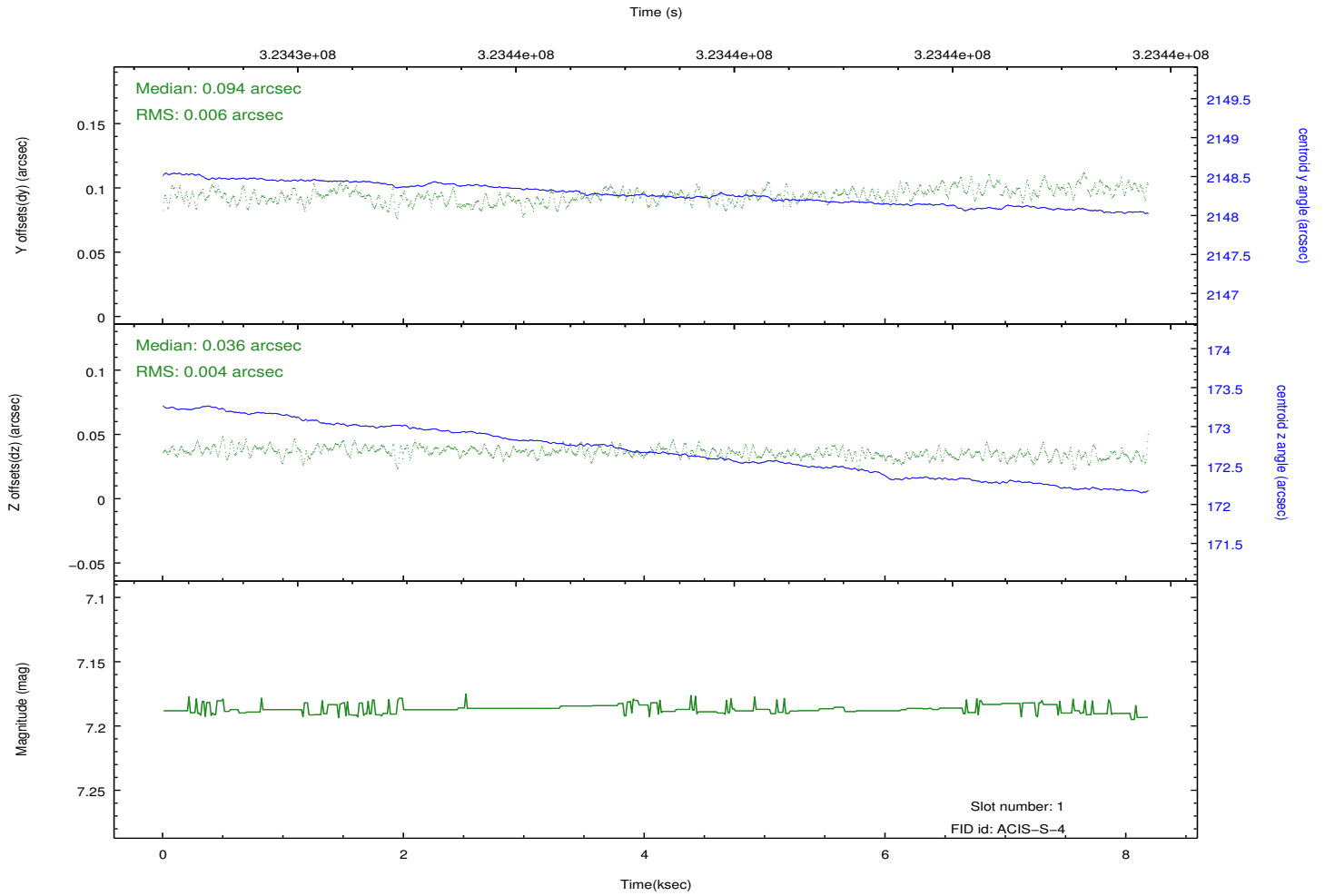
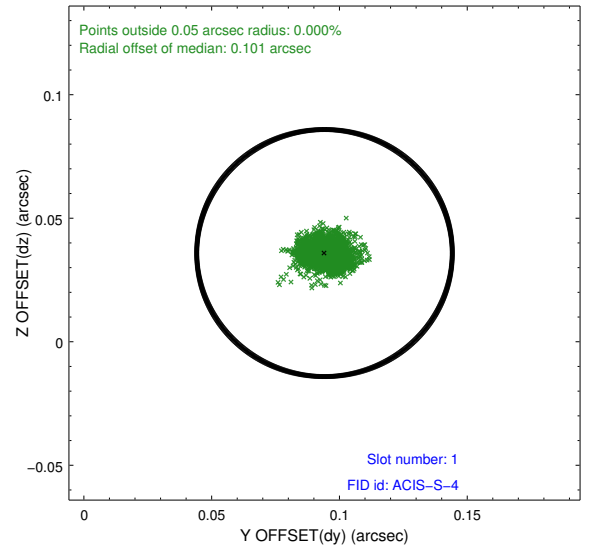
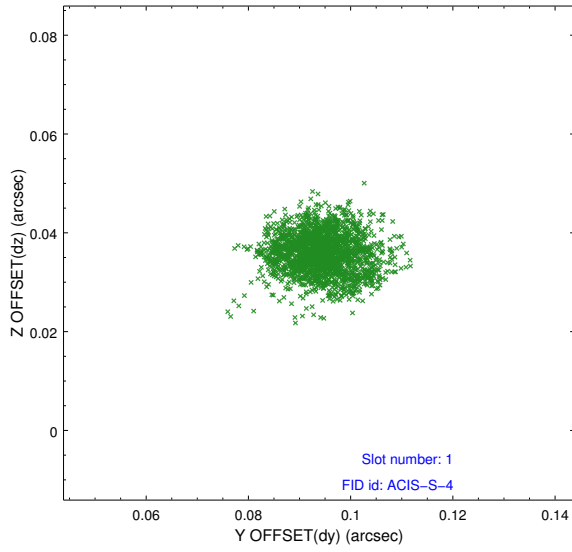


2.5 FID Slots

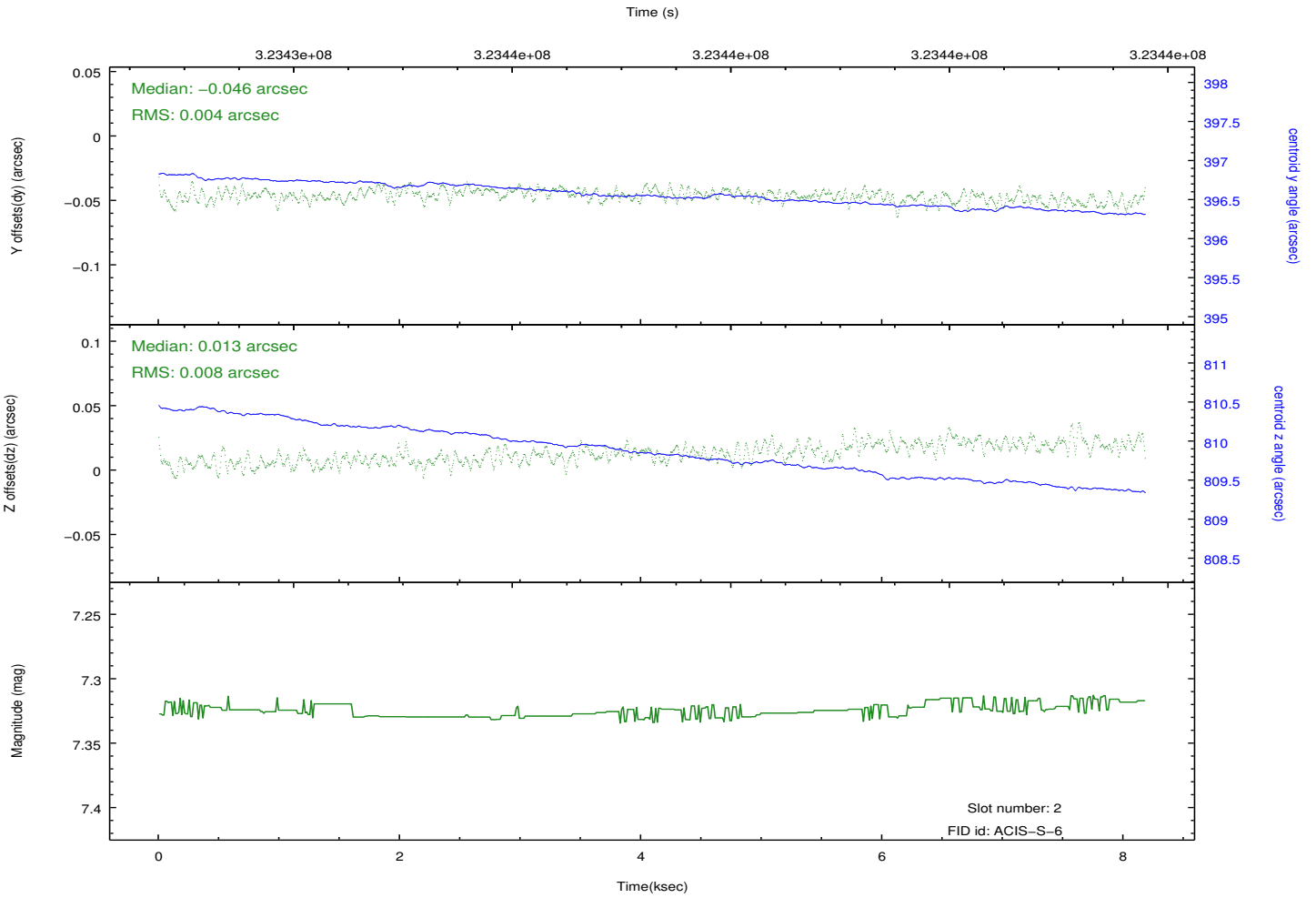
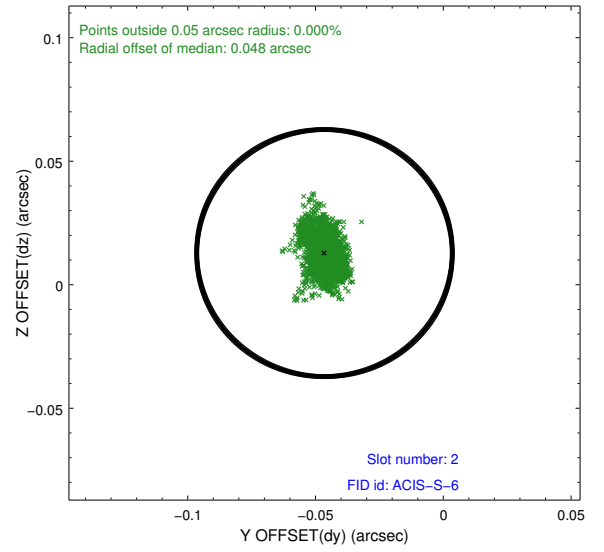
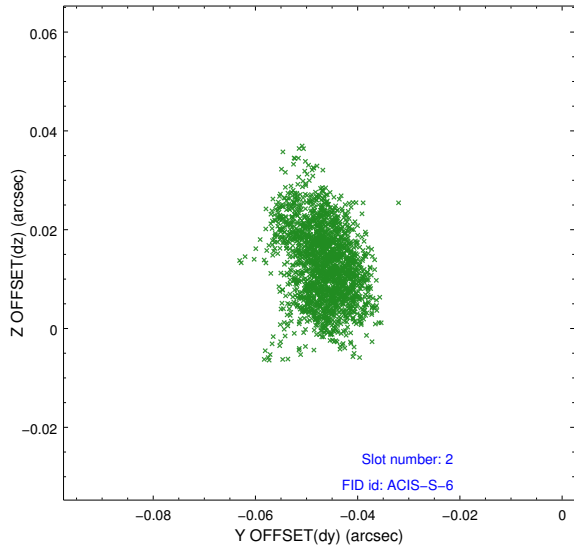
2.5.1 Slot 0



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)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.17470006

A.2 Comments