

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 12208 - L2 Version 2
Chandra X-Ray Center

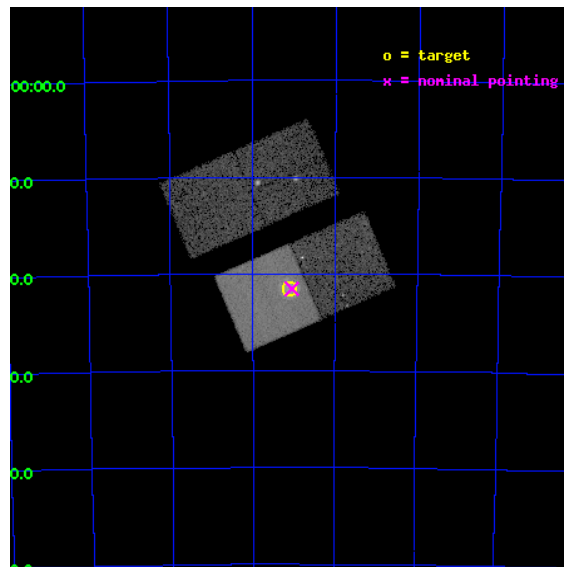
L2 Processing Date : Jun 25 2012

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1 Front

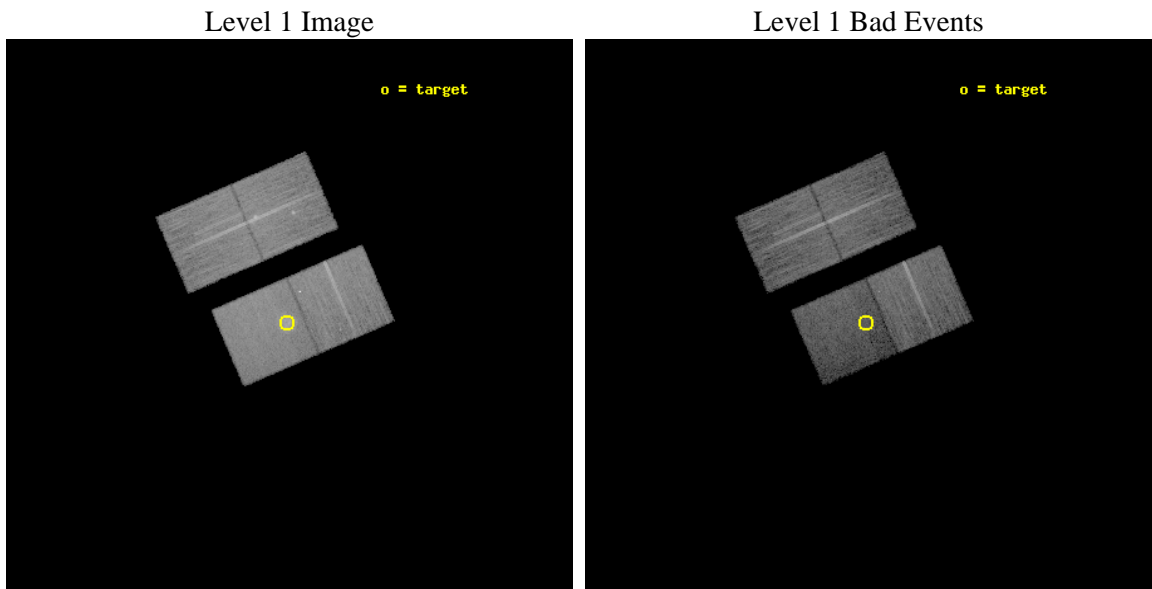
seq_num	501185	Sequence number
obs_id	12208	Observation id
title	A Detailed Study of the Aged O-Rich Supernova Remnant 0049-73.6	Pr
observer	DR. Sangwook Park	Principal investigator
object	SNR 0049-73.6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	12.779167	Observer's specified target RA [deg]
dec_targ	-73.358333	Observer's specified target Dec [deg]
ra_nom	12.762418271118	Nominal RA [deg]
dec_nom	-73.359038079252	Nominal Dec [deg]
roll_nom	156.64058338659	Nominal Roll [deg]
revision	2	Processing version of data
ontime	16185.100124478	Sum of GTIs [s]
livetime	15973.629876055	Livetime [s]
ontime2	16185.100124478	Sum of GTIs [s]
ontime3	16181.959154069	Sum of GTIs [s]
ontime6	16185.100124478	Sum of GTIs [s]
ontime7	16185.100124478	Sum of GTIs [s]
l2events	95210	Number of level 2 events



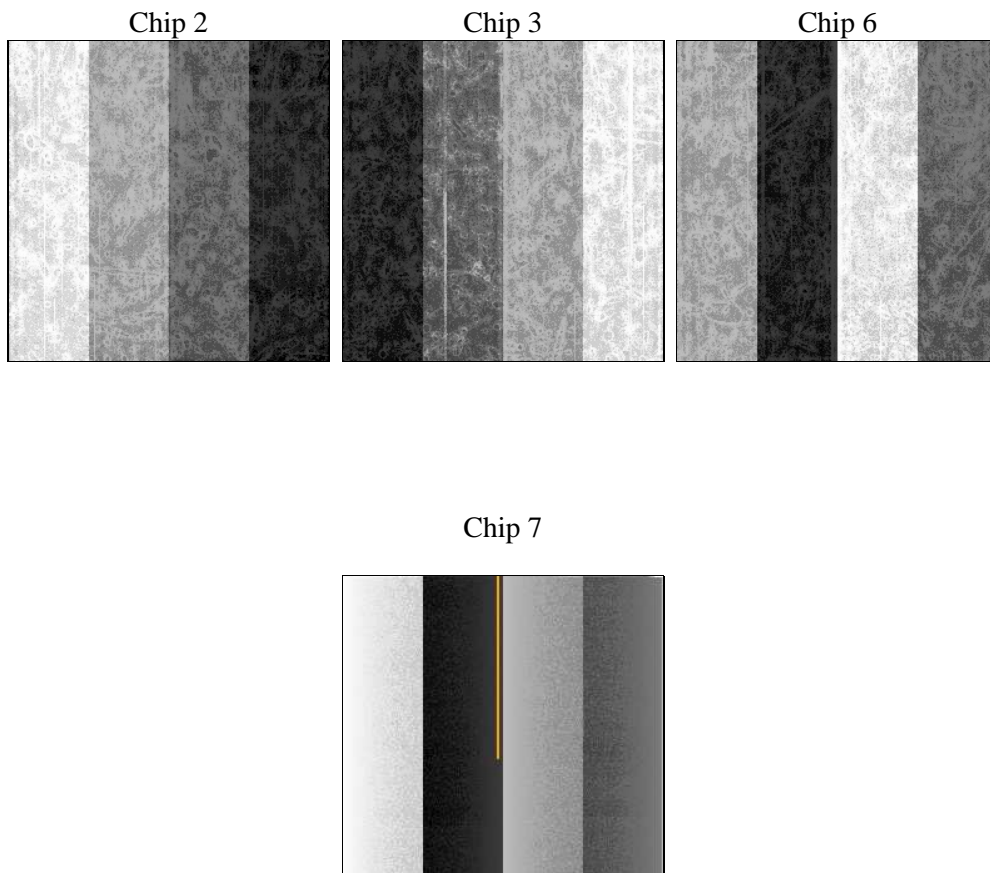
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	16000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	16185.100124478	Sum of GTIs [s]
caldbver	4.4.10	 	ontime2	16185.100124478	Sum of GTIs [s]
date	2012-06-25T09:25:24	Date and time of file creation	ontime3	16181.959154069	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	16185.100124478	Sum of GTIs [s]
			ontime7	16185.100124478	Sum of GTIs [s]
			l1events	496719	Number of level 1 events

2.1.4 Events

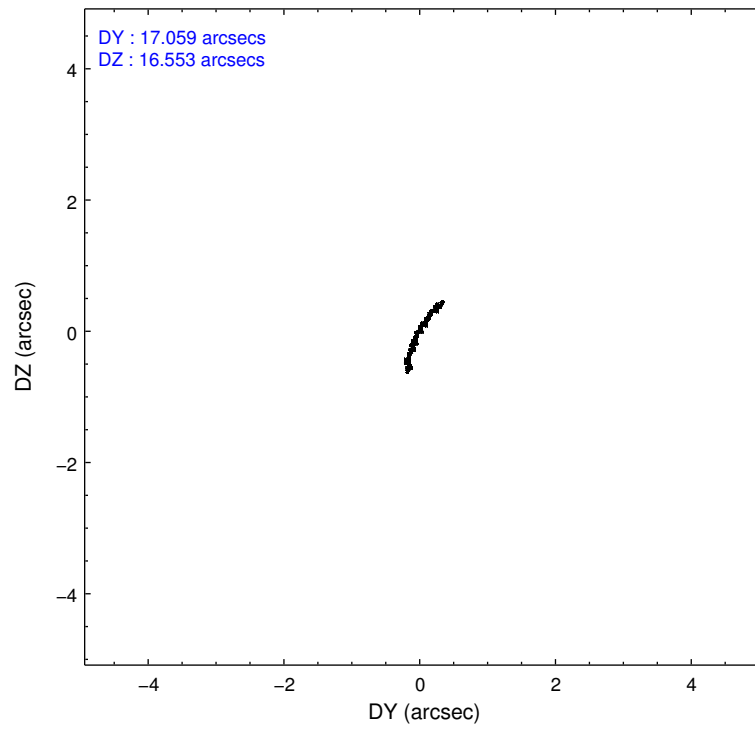
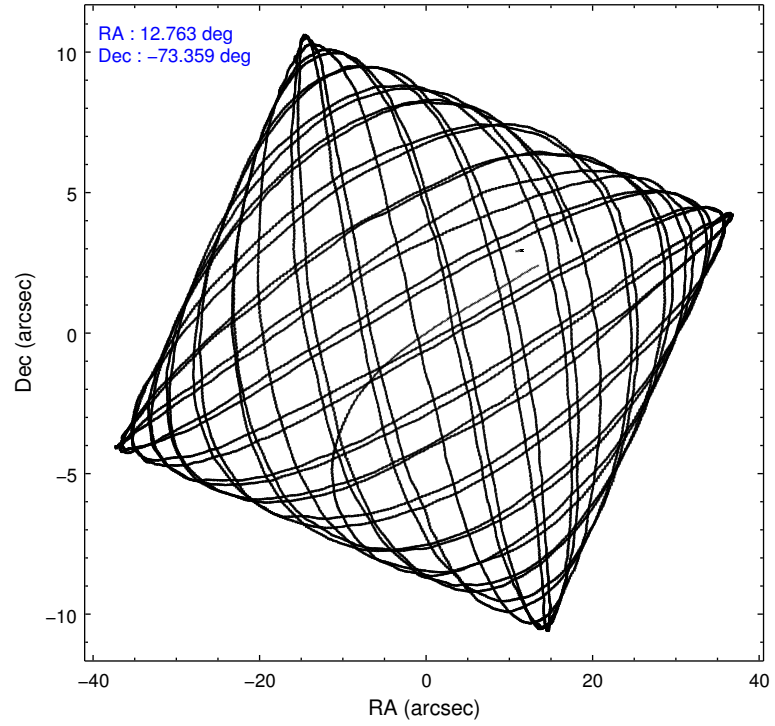
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	120936	120082	124340	131361
rejected events	107815	108678	109288	68453
rejected %	89%	90%	87%	52%

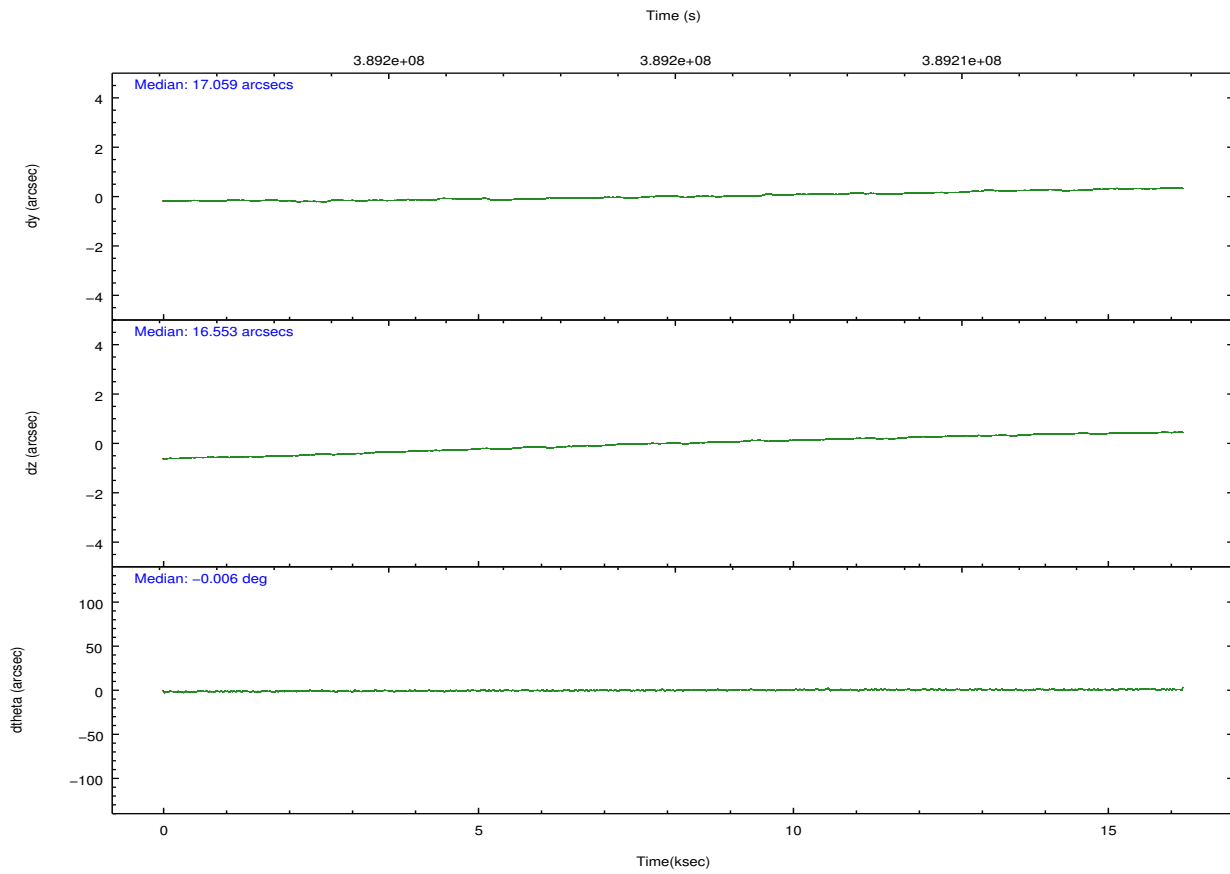
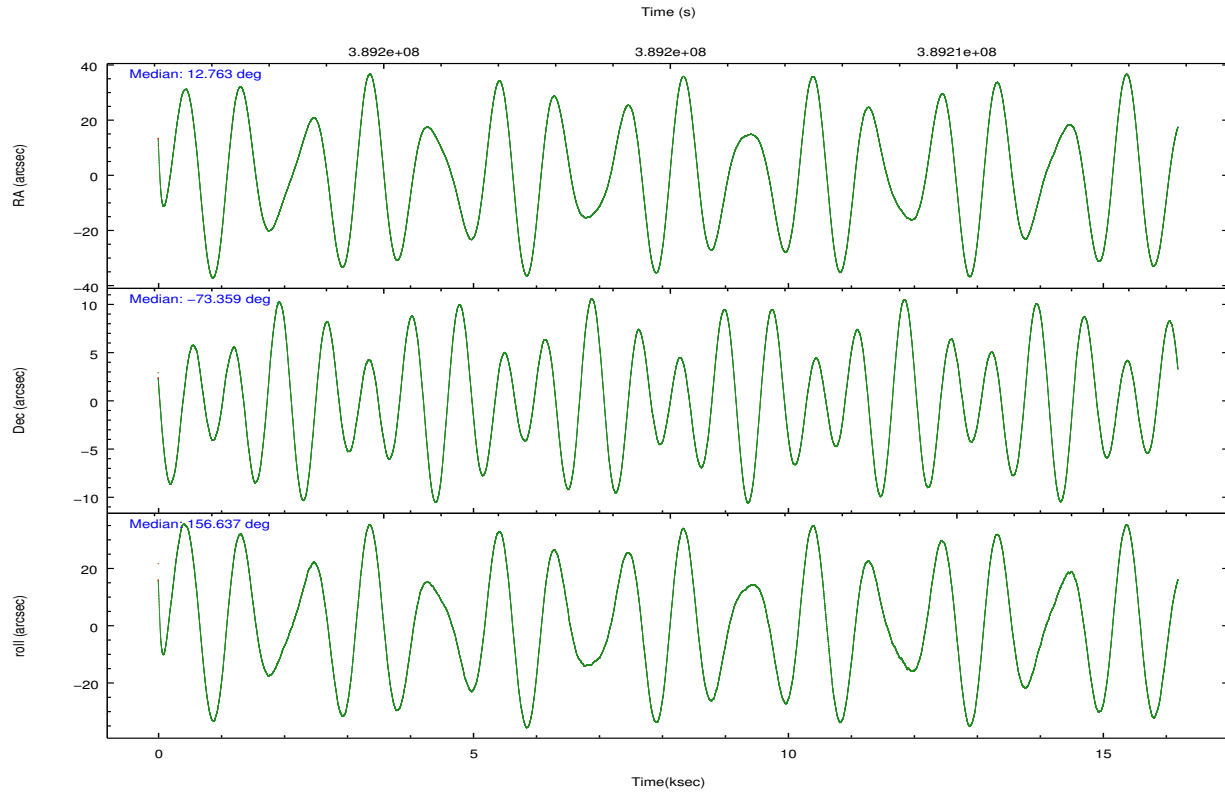
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	5815	4476	6704	8211
	4%	3%	5%	6%
grade 1 events	78	67	119	212
	0%	0%	0%	0%
grade 2 events	3208	2730	3370	14641
	2%	2%	2%	11%
grade 3 events	1300	1310	1600	6314
	1%	1%	1%	4%
grade 4 events	1325	1359	1492	6188
	1%	1%	1%	4%
grade 5 events	3623	4487	4604	13306
	2%	3%	3%	10%
grade 6 events	2309	2337	2889	31987
	1%	1%	2%	24%
grade 7 events	103278	103316	103562	50502
	85%	86%	83%	38%

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	12.857079	12.76241827111758	Subarray requested	NONE	NONE
[deg] Pointing Dec	-73.355482	-73.35903807925179	Alternating exposures requested	N	N
[deg] Pointing Roll	156.574643	156.6405833865892	[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)	389197048.184000	389195508.89447			
Observation start date	2010-05-02T14:16:22	2010-05-02T13:51:48			
[s] Observation end time (MET)	389213048.184000	389213692.3954			
Observation end date	2010-05-02T18:43:02	2010-05-02T18:54:52			
Read mode	TIMED	TIMED			

2.3 Aspect



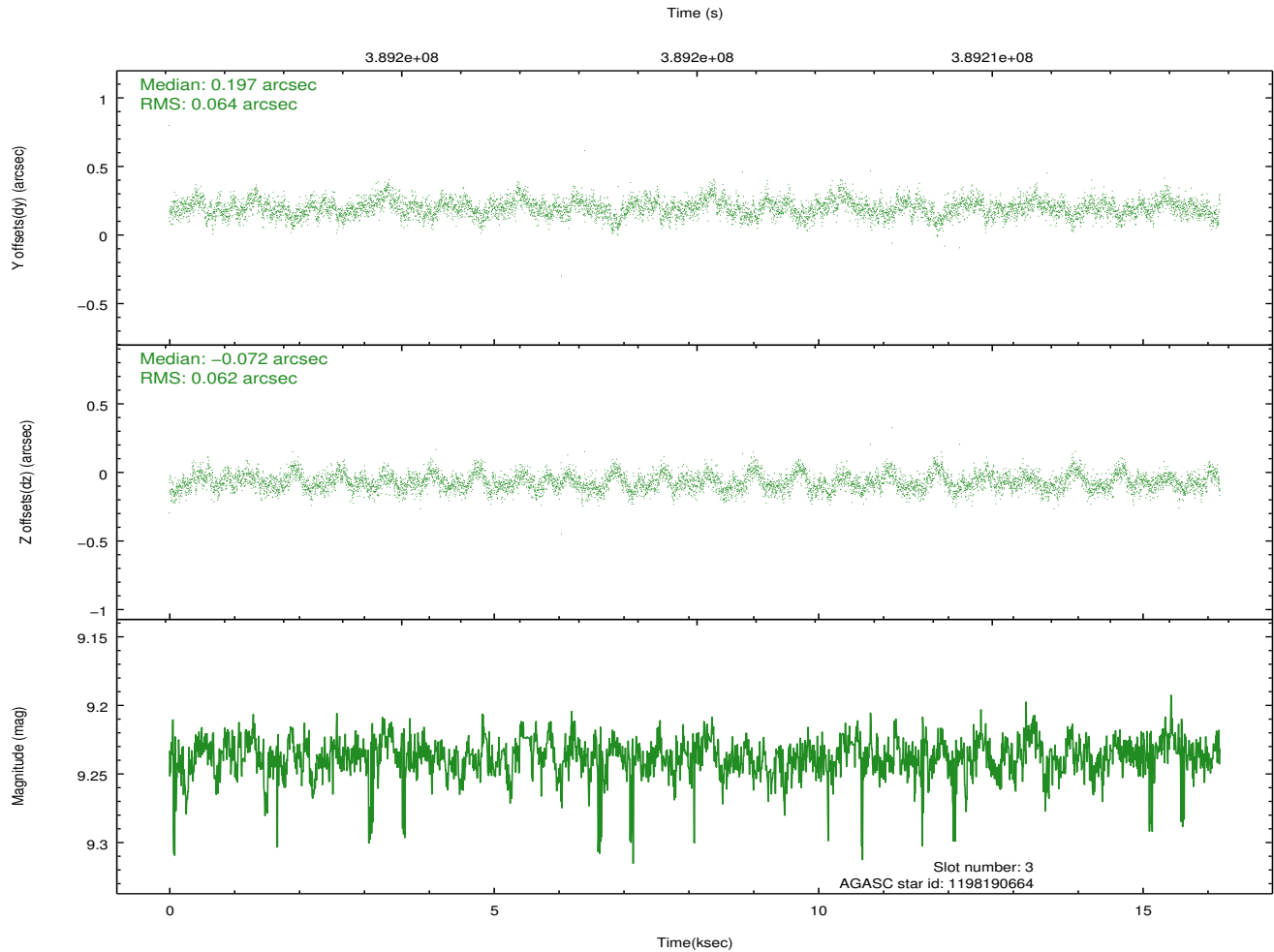
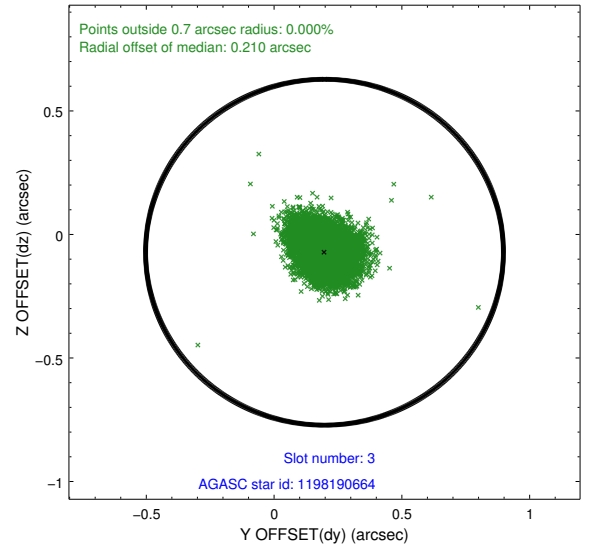
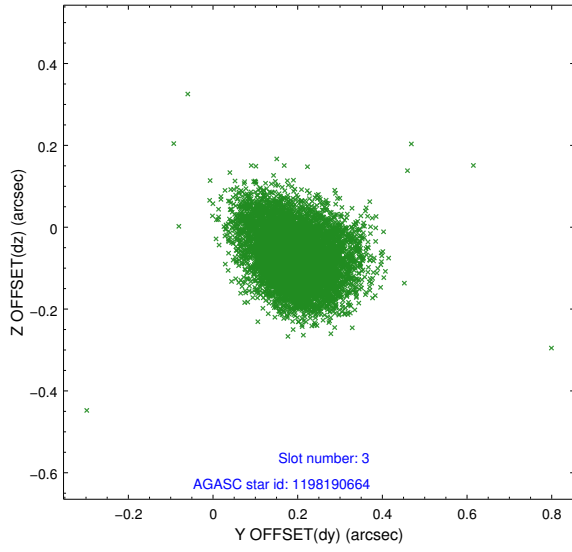


Slot Statistics

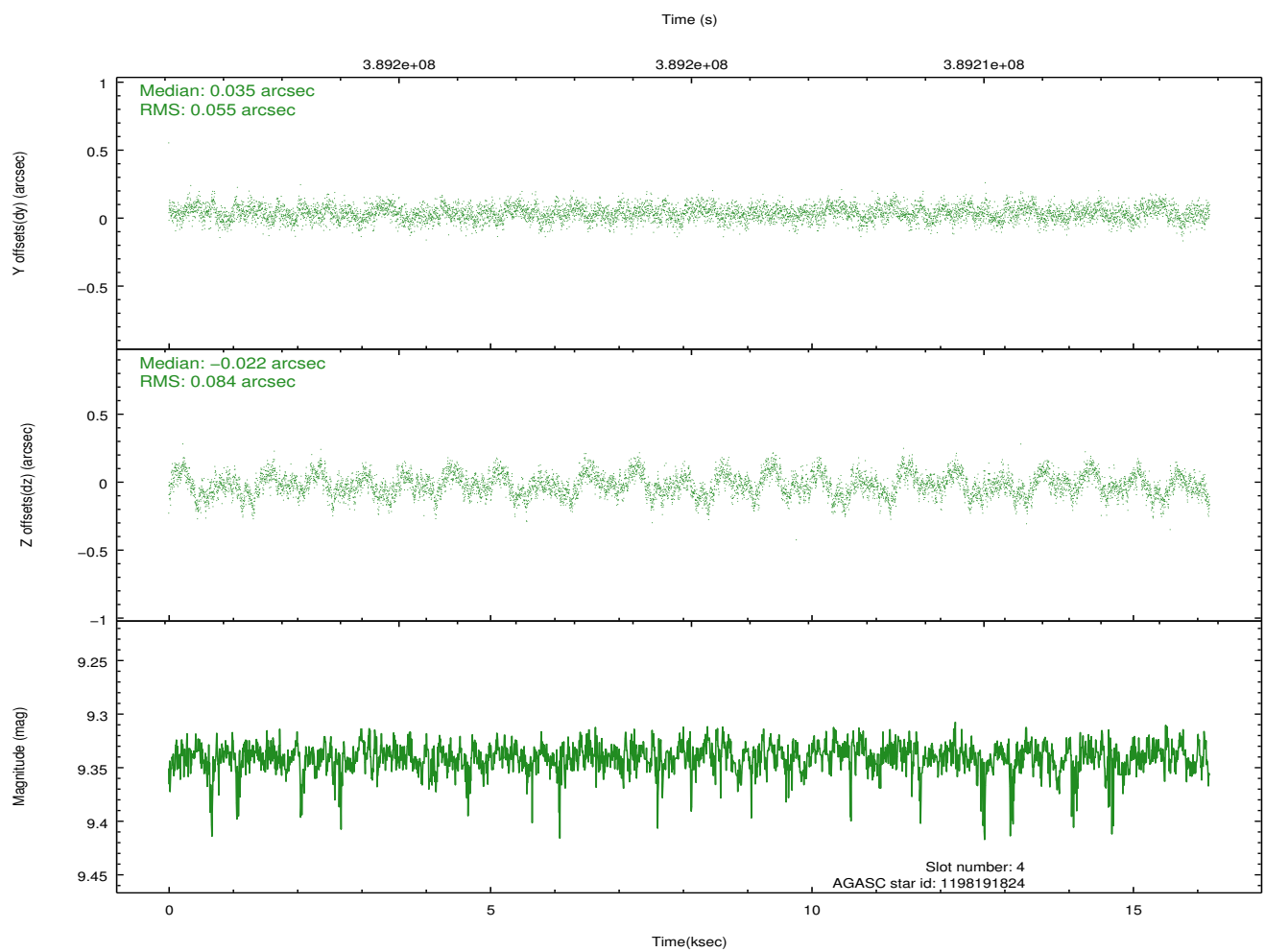
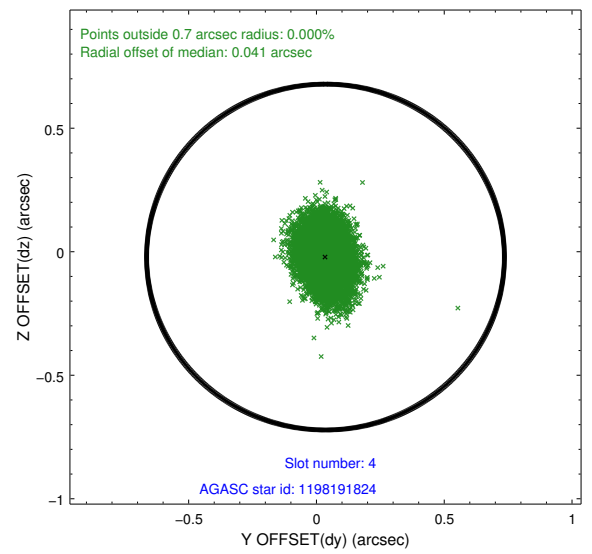
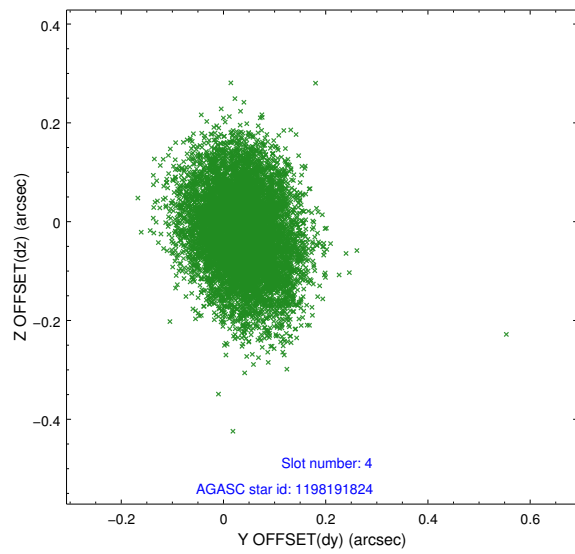
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.98	3950	0.114	-0.122	0.014	0.023	0.000000	0.000000	926.06	-1733.68
1	FID	ACIS-S-5	7.03	3948	-0.134	0.075	0.016	0.023	0.000000	0.000000	-1823.06	163.76
2	FID	ACIS-S-6	7.13	3950	-0.000	0.061	0.012	0.020	0.000000	0.000000	391.18	808.03
3	GUIDE	1198190664	9.24	7891	0.197	-0.072	0.093	0.155	14.057016	-73.825958	-1782.36	1087.14
4	GUIDE	1198191824	9.34	7889	0.035	-0.022	0.106	0.173	11.519918	-73.478175	1074.23	963.74
5	GUIDE	1198191400	8.41	7896	-0.158	0.165	0.076	0.125	11.617890	-72.595865	2306.41	-1965.54
6	GUIDE	1198190648	8.03	7891	-0.122	-0.013	0.074	0.119	12.344115	-73.478663	304.88	617.82
7	GUIDE	1198192456	8.59	7891	0.045	-0.063	0.073	0.119	13.422921	-73.869405	-1255.66	1475.28

2.4 Star Slots

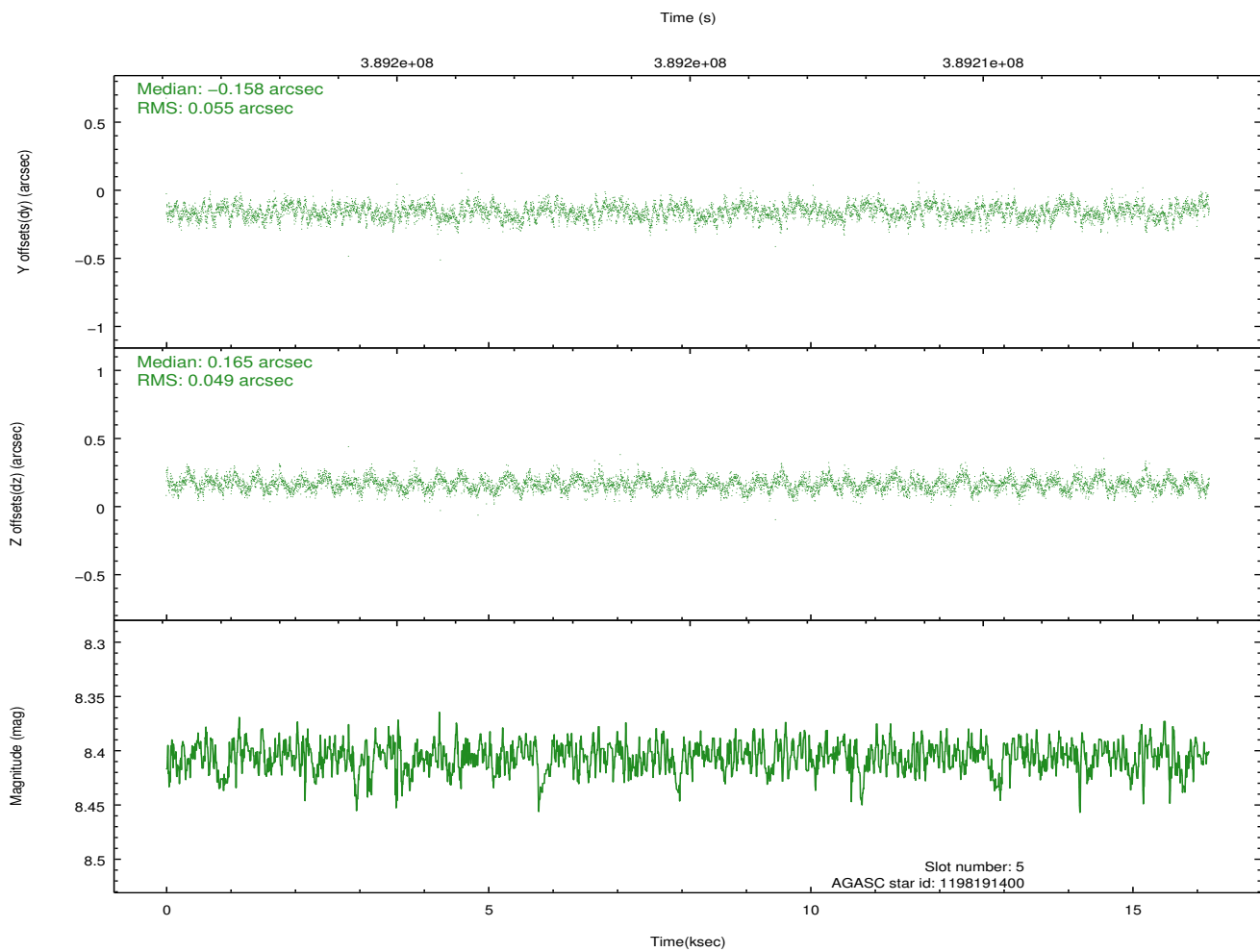
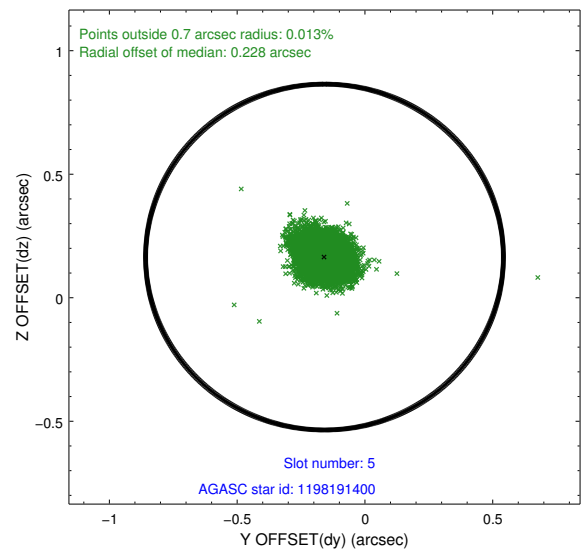
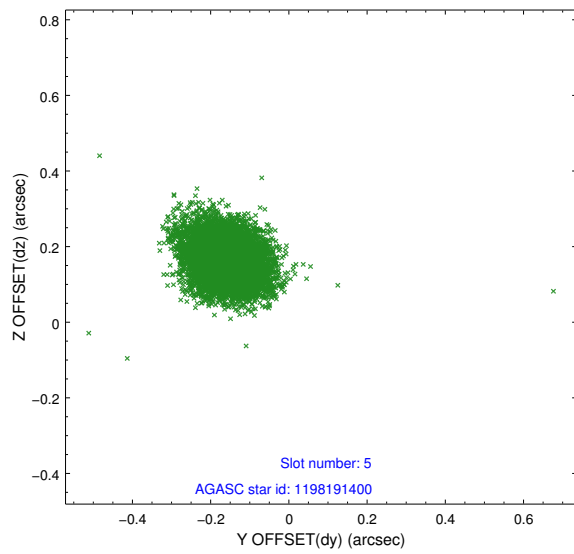
2.4.1 Slot 3



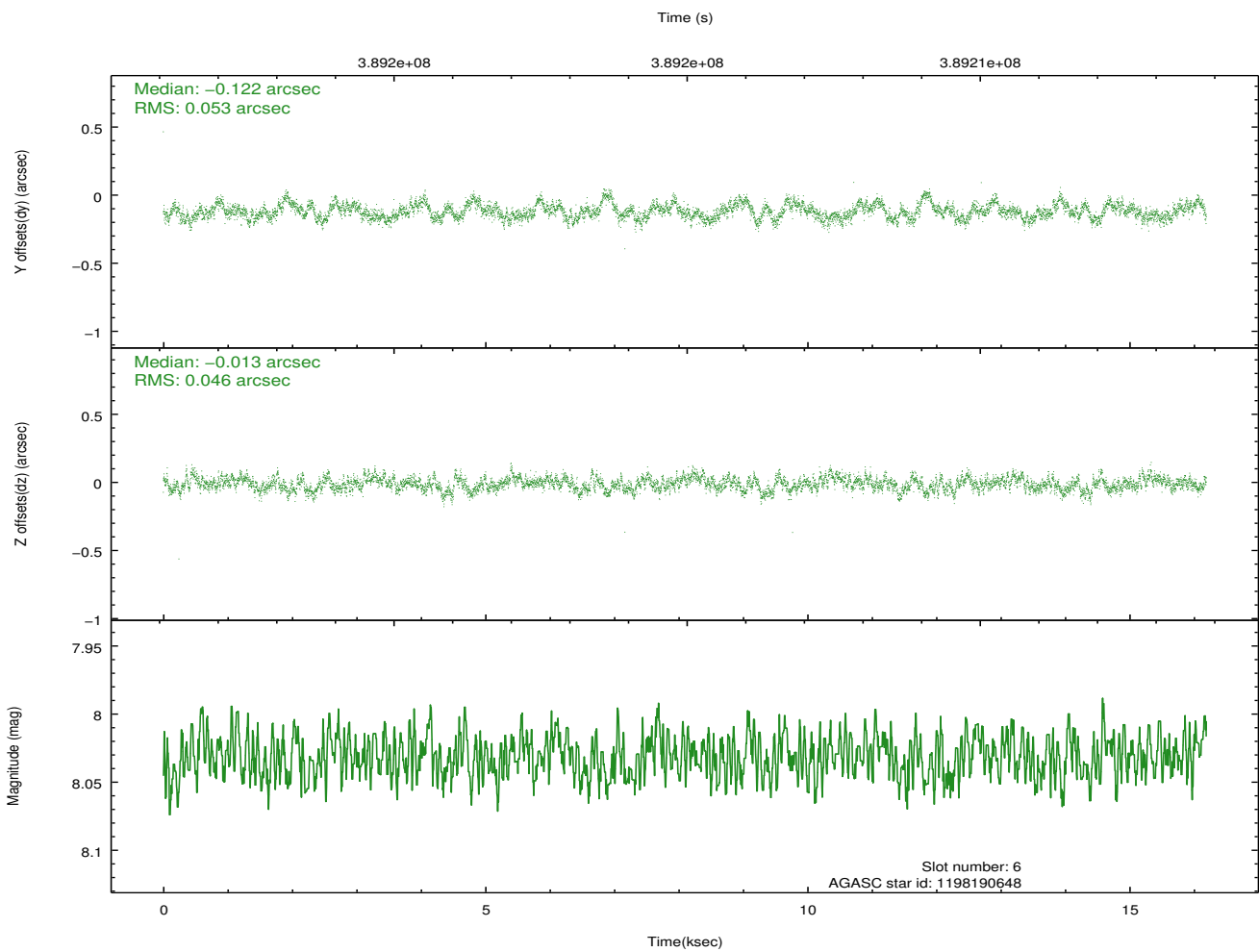
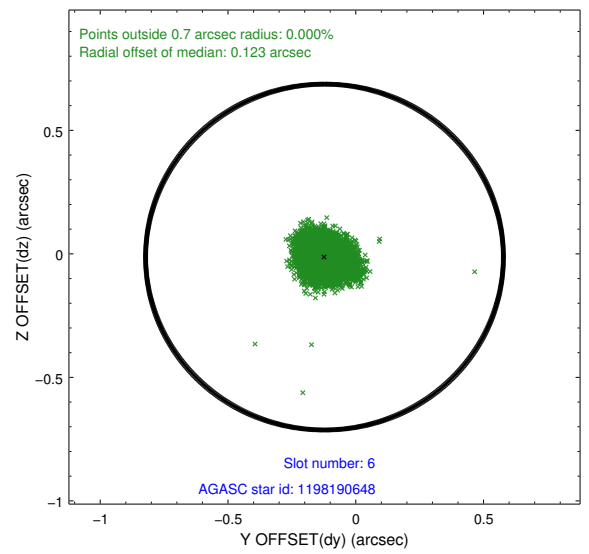
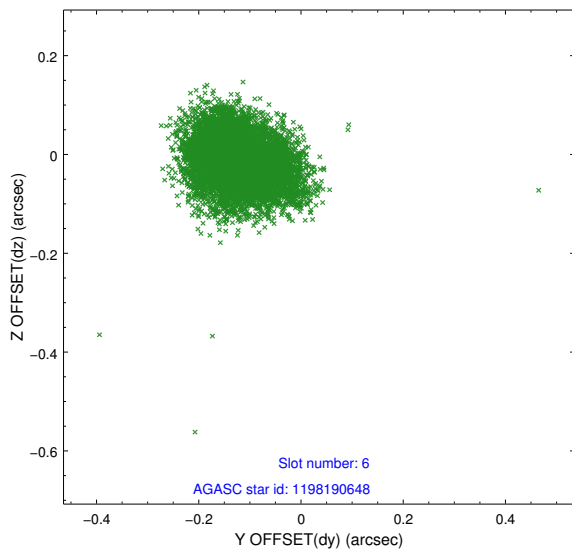
2.4.2 Slot 4



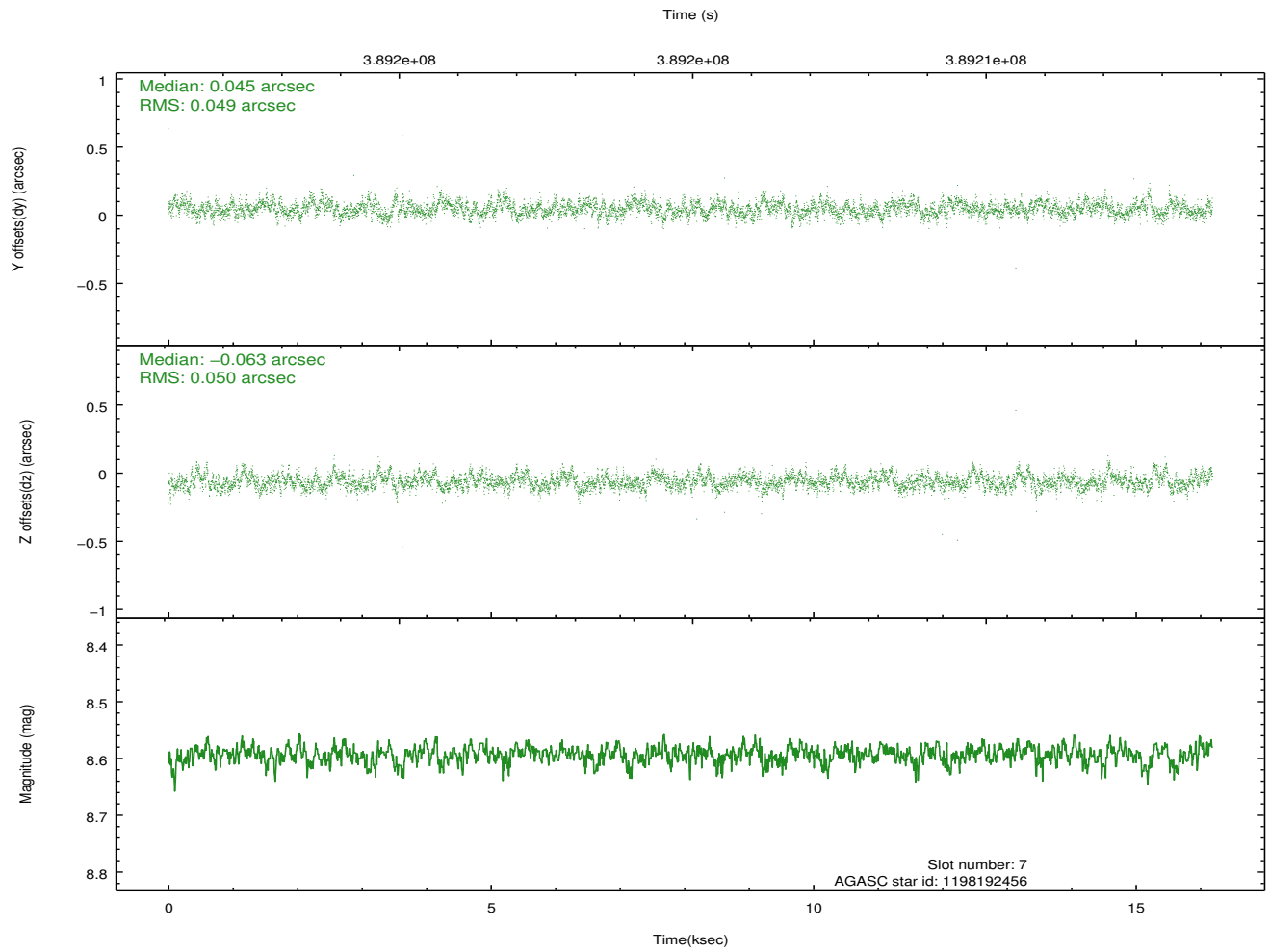
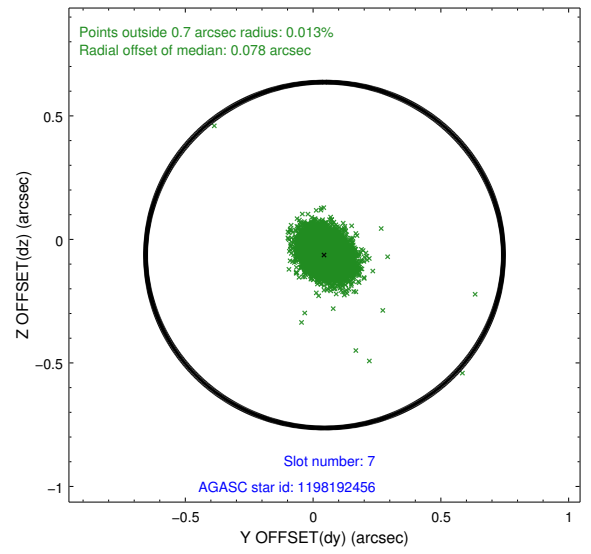
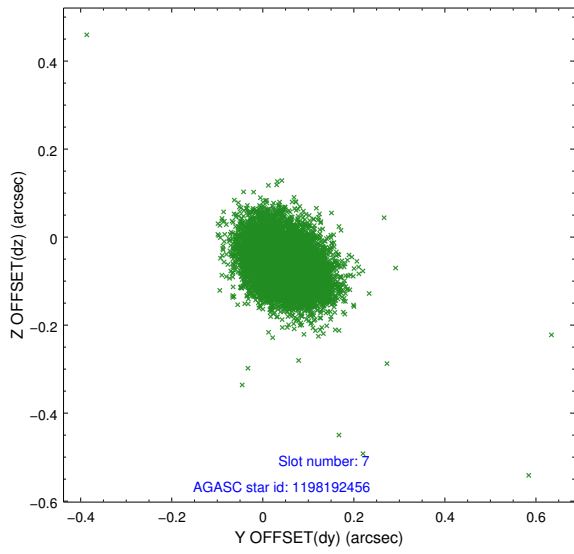
2.4.3 Slot 5



2.4.4 Slot 6

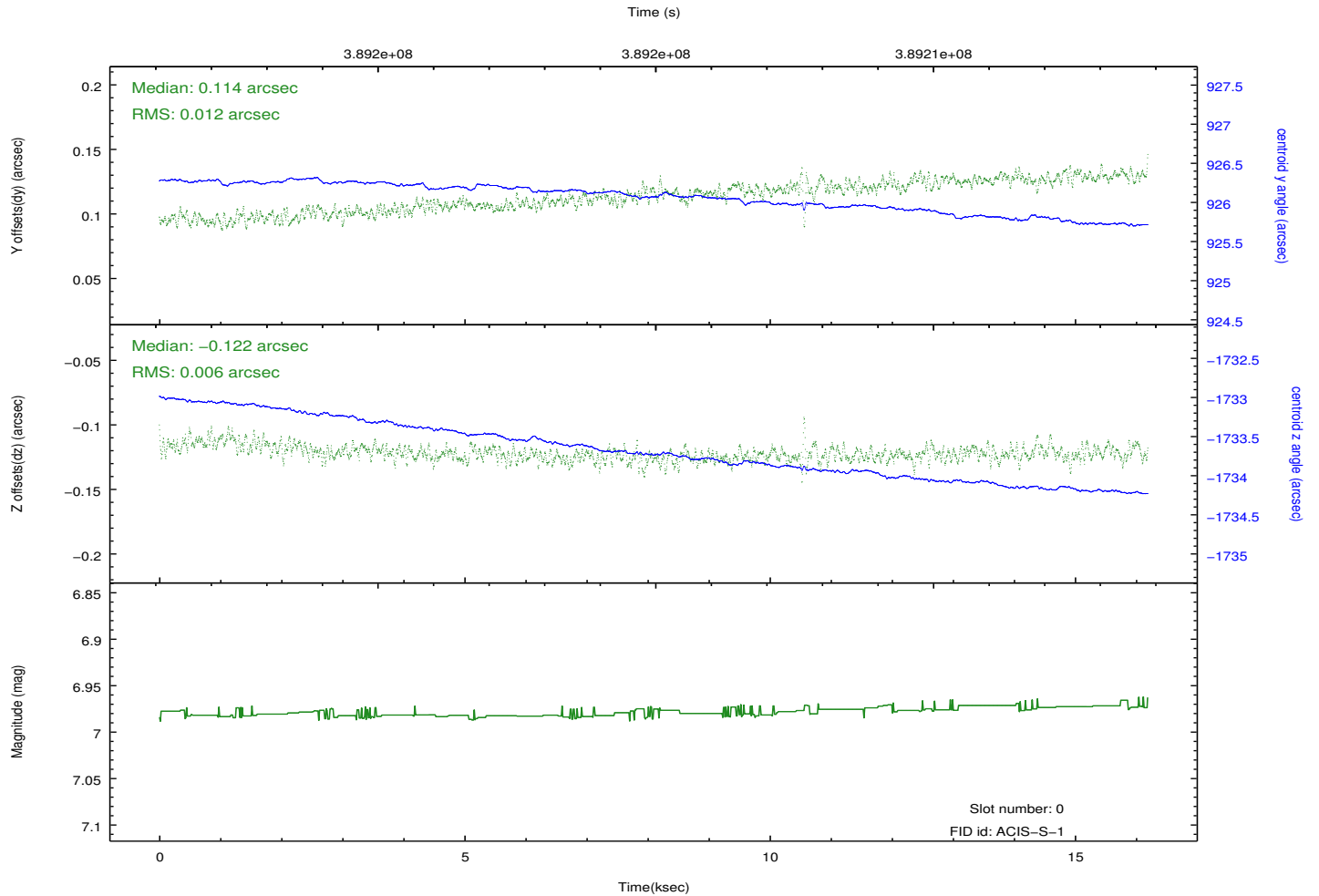
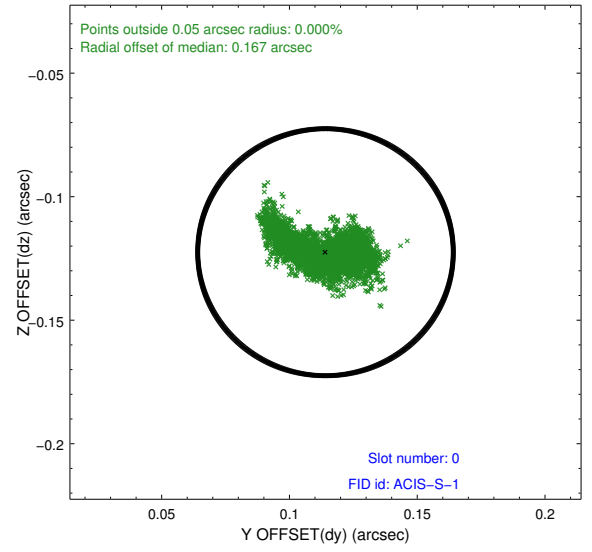
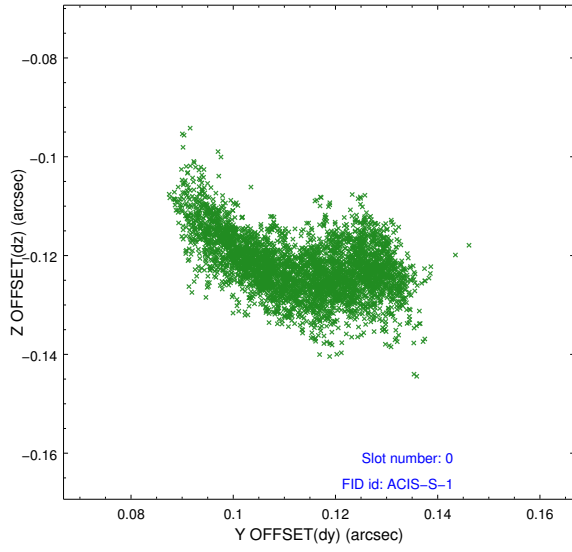


2.4.5 Slot 7

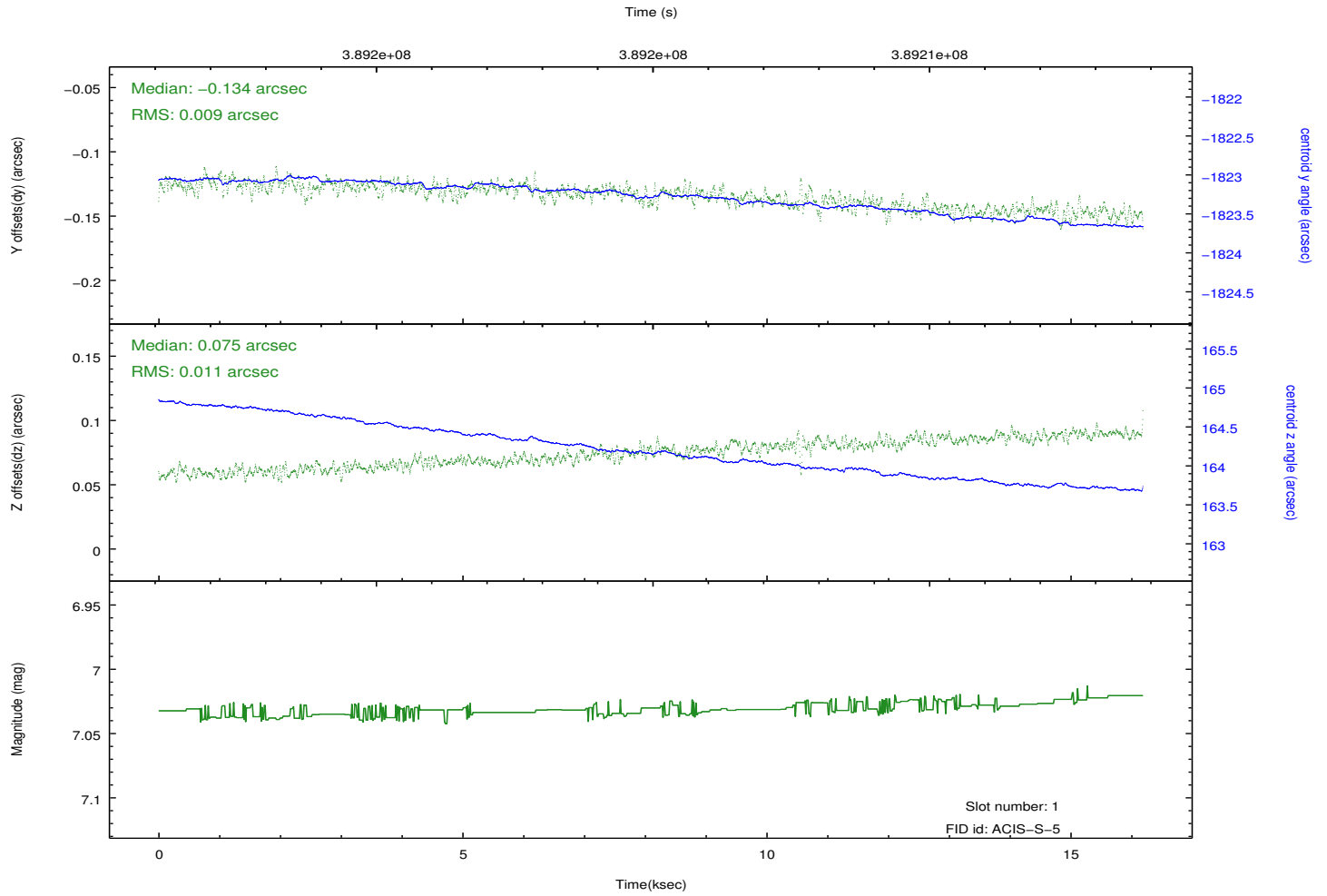
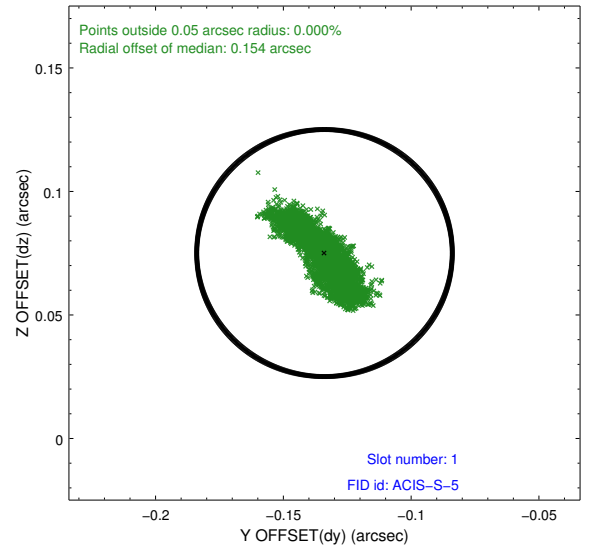
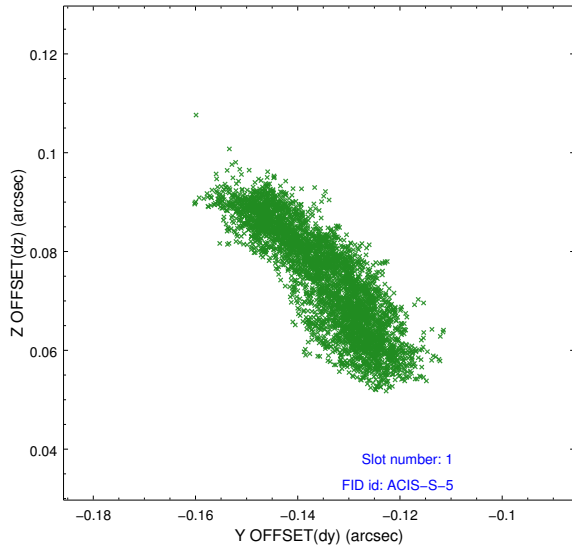


2.5 FID Slots

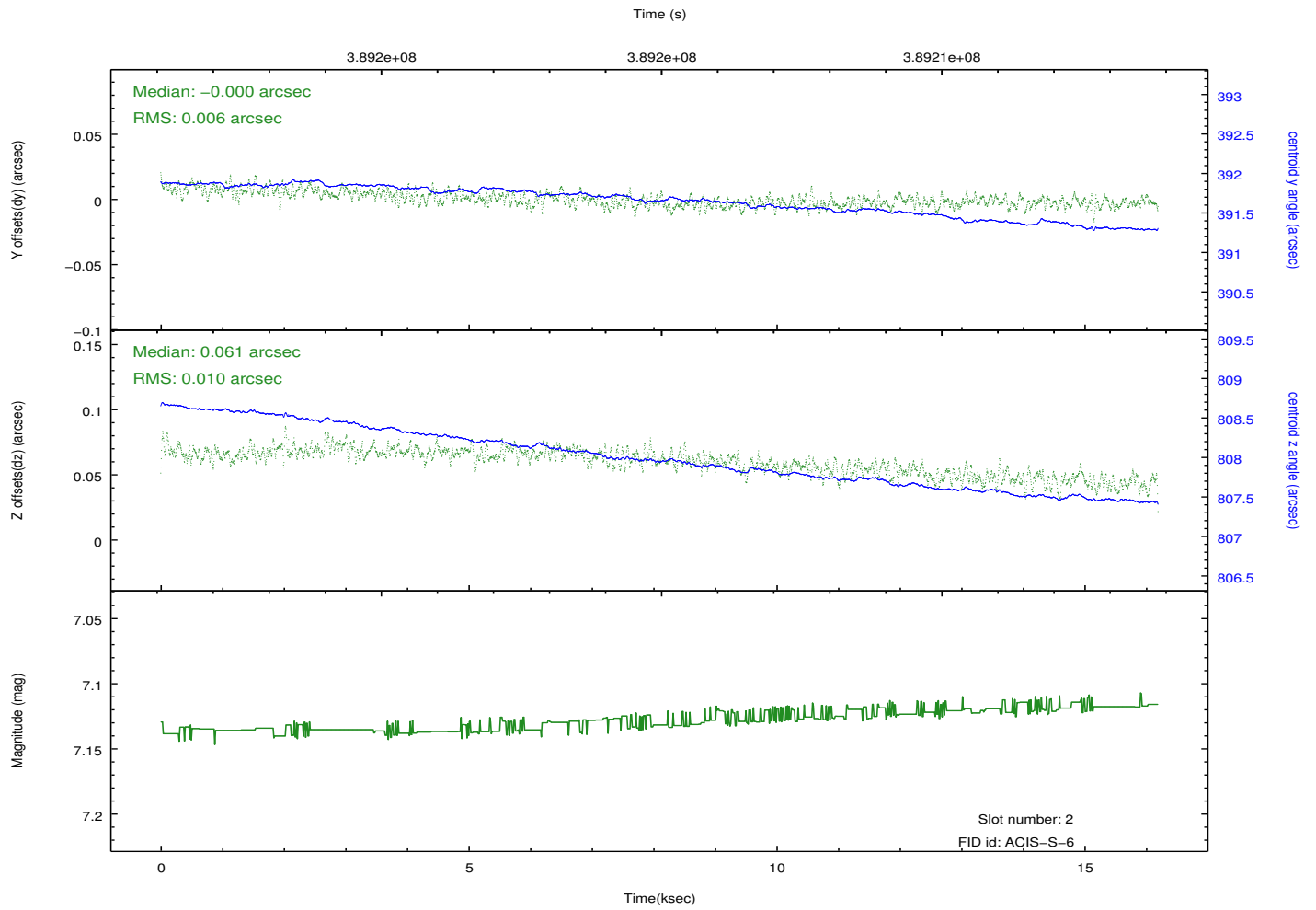
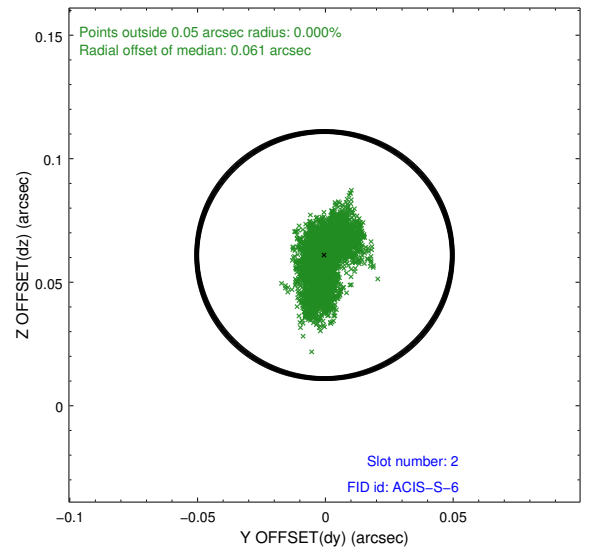
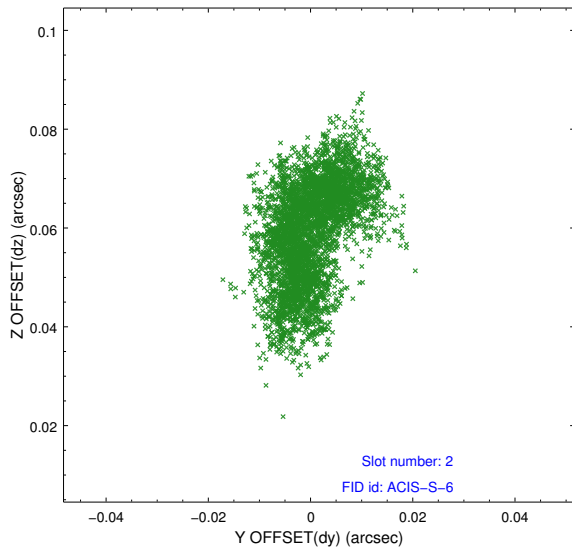
2.5.1 Slot 0



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)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.1851001

A.2 Comments