

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6678 - L2 Version 2
Chandra X-Ray Center

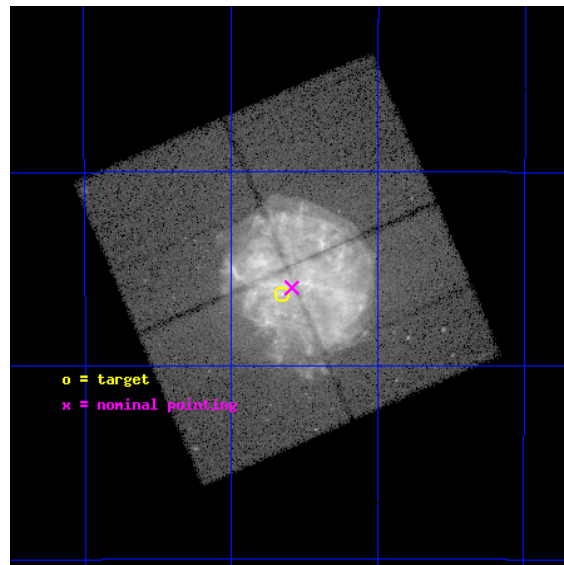
L2 Processing Date : Apr 11 2012

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1 Front

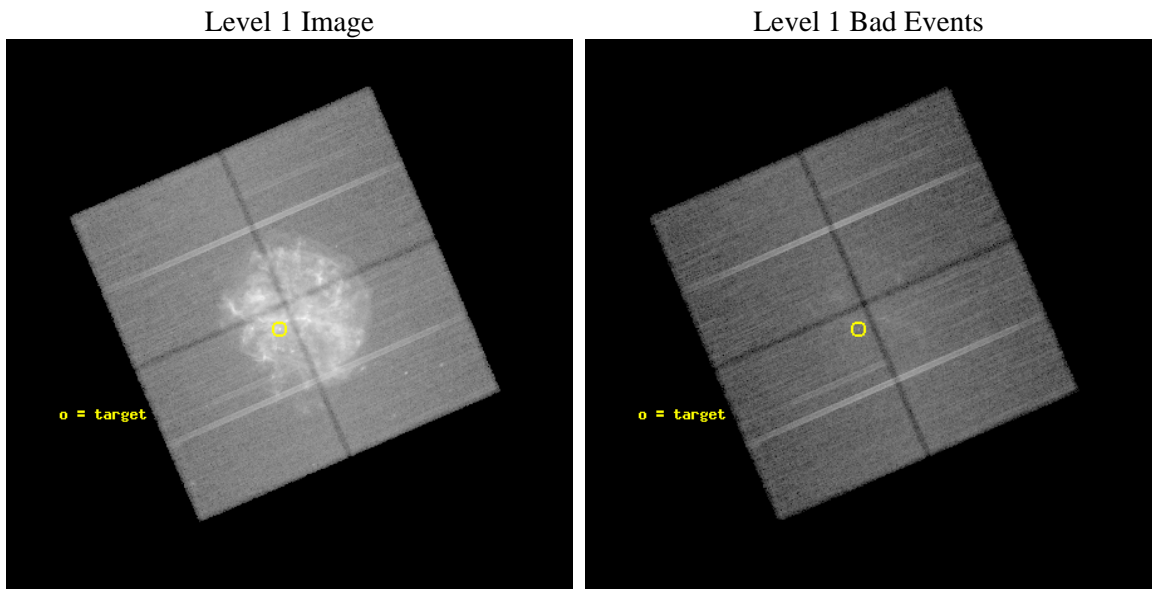
seq_num	500631	Sequence number
obs_id	6678	Observation id
title	O-Rich SNR G292.0+1.8: A Textbook Example of a Galactic Core-Collapse SNR	Proposal title
observer	DR. Sangwook Park	Principal investigator
object	G292.0+1.8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	171.162917	Observer's specified target RA [deg]
dec_targ	-59.272222	Observer's specified target Dec [deg]
ra_nom	171.14673090932	Nominal RA [deg]
dec_nom	-59.266676806436	Nominal Dec [deg]
roll_nom	156.6947696822	Nominal Roll [deg]
revision	2	Processing version of data
ontime	44884.818394661	Sum of GTIs [s]
livetime	44298.365198612	Livetime [s]
ontime0	44878.536464036	Sum of GTIs [s]
ontime1	44884.818354785	Sum of GTIs [s]
ontime2	44875.395463645	Sum of GTIs [s]
ontime3	44884.818394661	Sum of GTIs [s]
l2events	1519640	Number of level 2 events



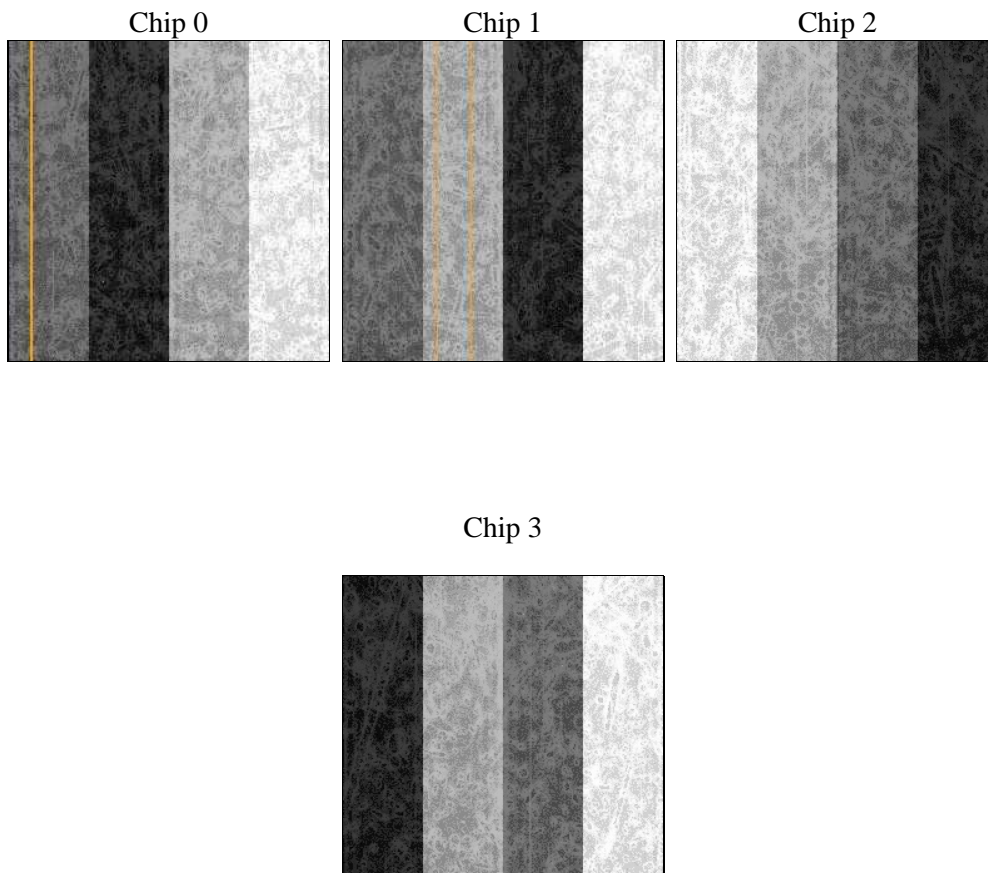
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	44716.380000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	44884.818394661	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	44878.536464036	Sum of GTIs [s]
date	2012-04-11T01:04:18	Date and time of file creation	ontime1	44884.818354785	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	44875.395463645	Sum of GTIs [s]
			ontime3	44884.818394661	Sum of GTIs [s]
			l1events	3025473	Number of level 1 events

2.1.4 Events

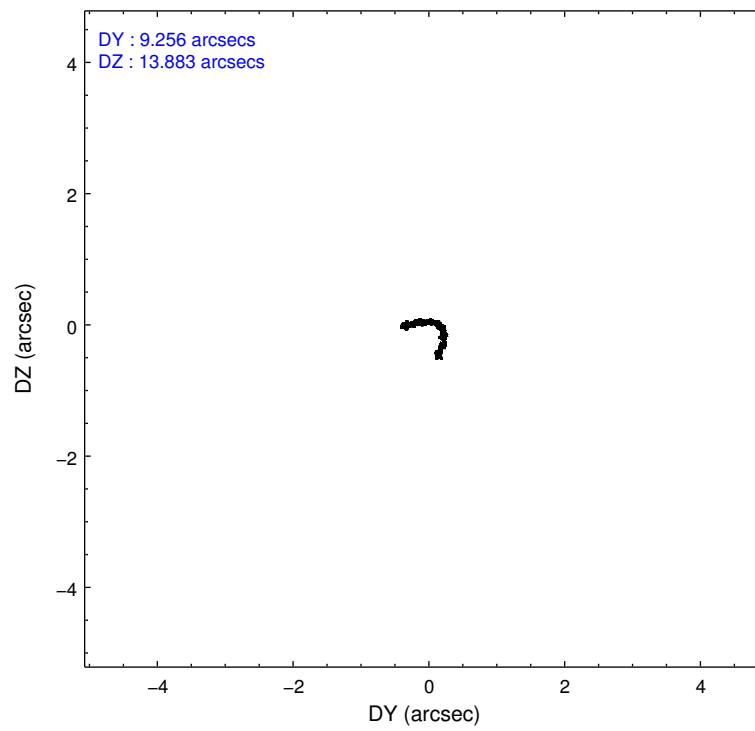
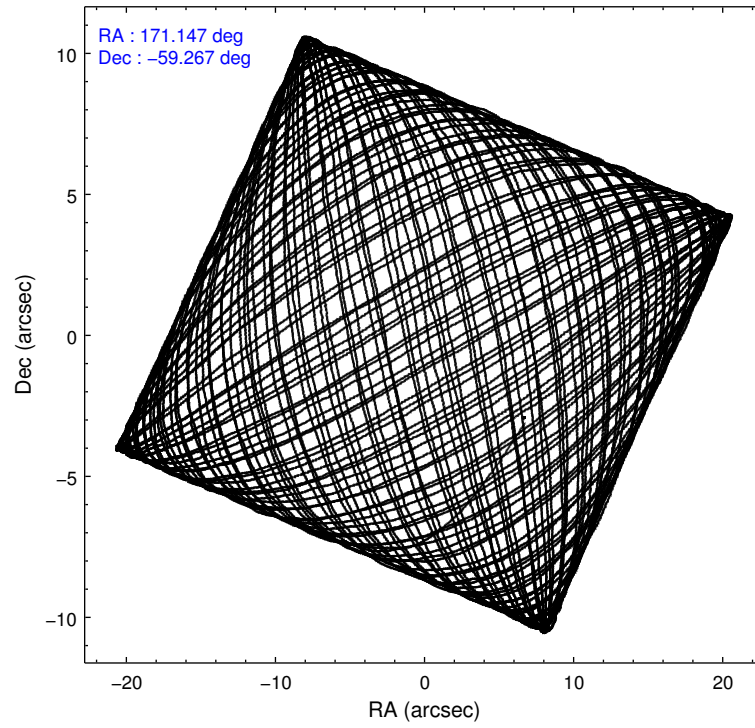
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	608199	618034	1050875	748365
rejected events	321527	328253	382340	355626
rejected %	52%	53%	36%	47%

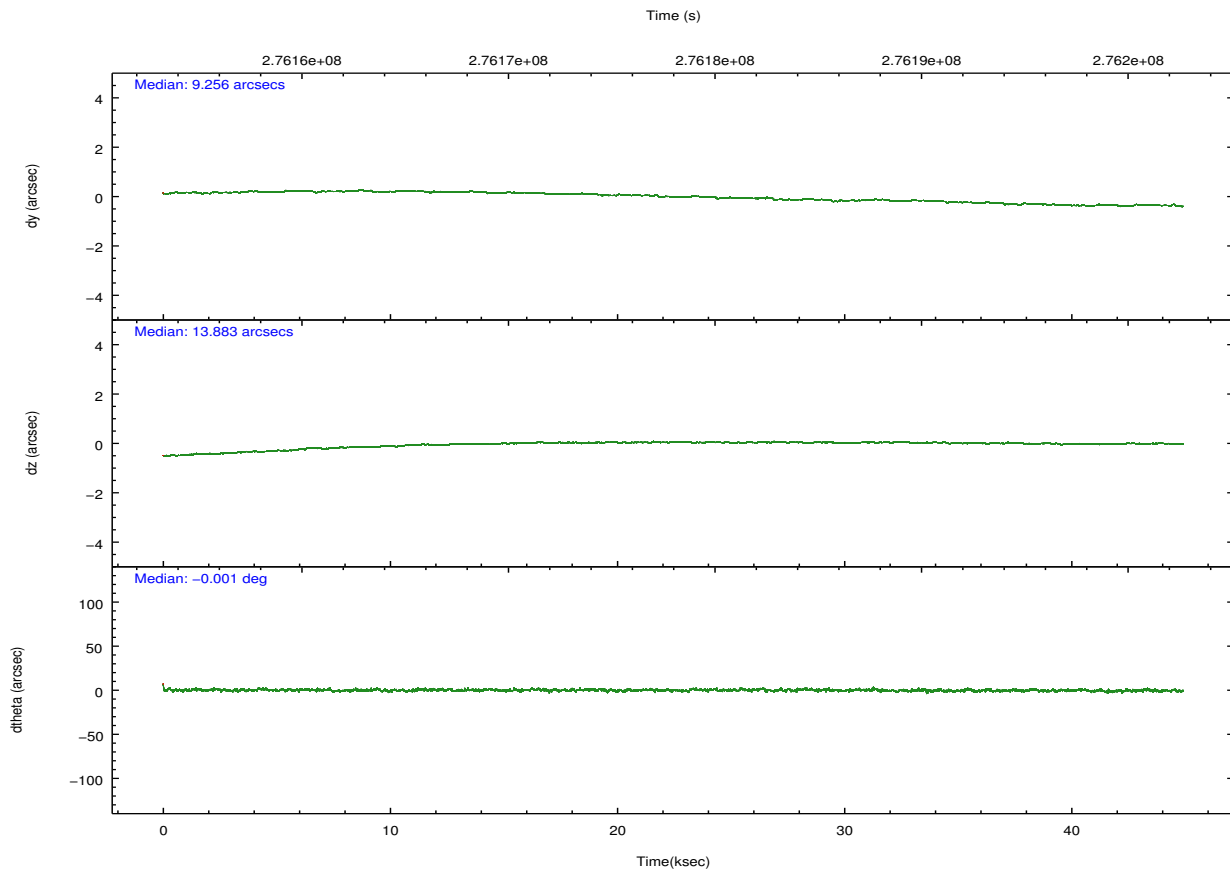
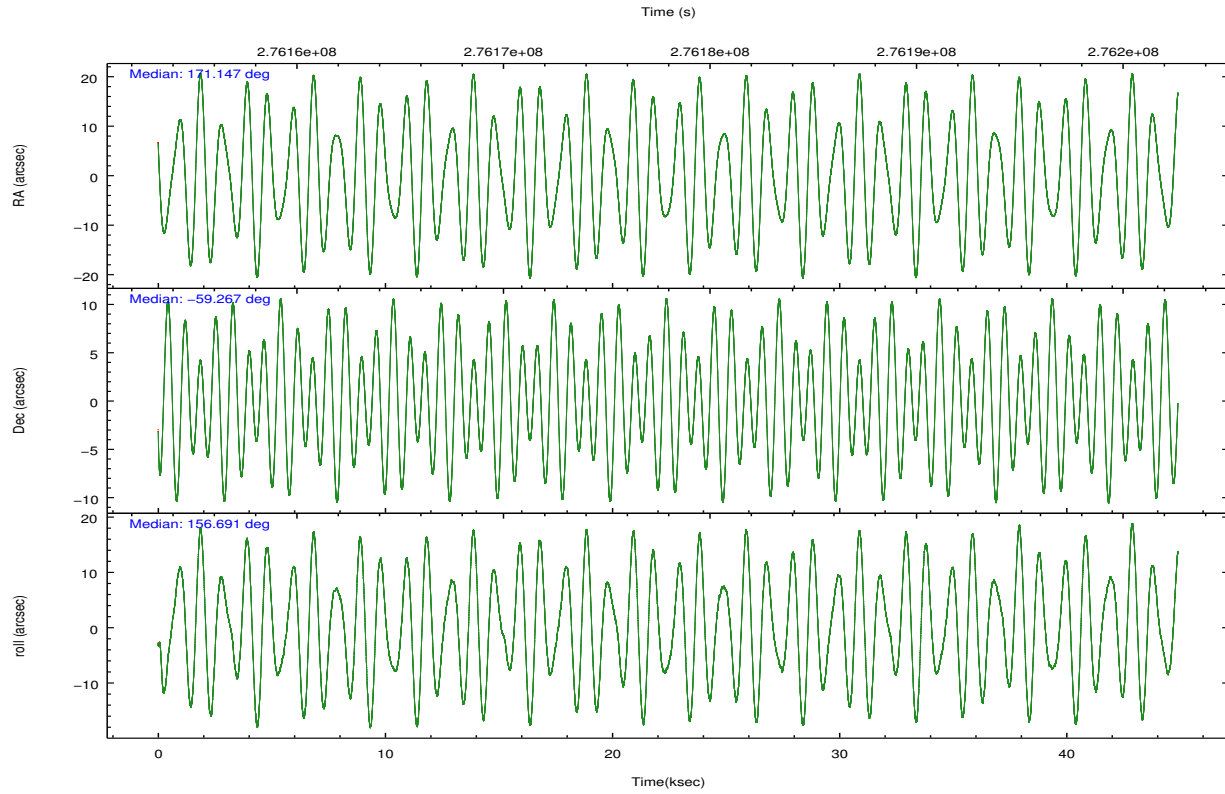
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	227074	227611	564018	322621
	37%	36%	53%	43%
grade 1 events	1441	1381	4088	2332
	0%	0%	0%	0%
grade 2 events	30213	31031	57834	35907
	4%	5%	5%	4%
grade 3 events	9759	9691	17102	11550
	1%	1%	1%	1%
grade 4 events	9396	9446	16933	11378
	1%	1%	1%	1%
grade 5 events	16575	18429	17782	19737
	2%	2%	1%	2%
grade 6 events	10589	12303	13482	11776
	1%	1%	1%	1%
grade 7 events	303152	308142	359636	333064
	49%	49%	34%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	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	171.199957	171.1467309093165	Subarray requested	NONE	NONE
[deg] Pointing Dec	-59.263379	-59.26667680643577	Alternating exposures requested	N	N
[deg] Pointing Roll	156.531834	156.6947696822047	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-232.622463	-232.6219373850296			
[mm] SIM translation stage offset	-0.97	-0.9705156179000483			
[s] Observation start time (MET)	276155696.184000	276154744.39719			
Observation start date	2006-10-02T05:53:51	2006-10-02T05:39:04			
[s] Observation end time (MET)	276200413.184000	276200649.02435			
Observation end date	2006-10-02T18:19:08	2006-10-02T18:24:09			
Read mode	TIMED	TIMED			

2.3 Aspect



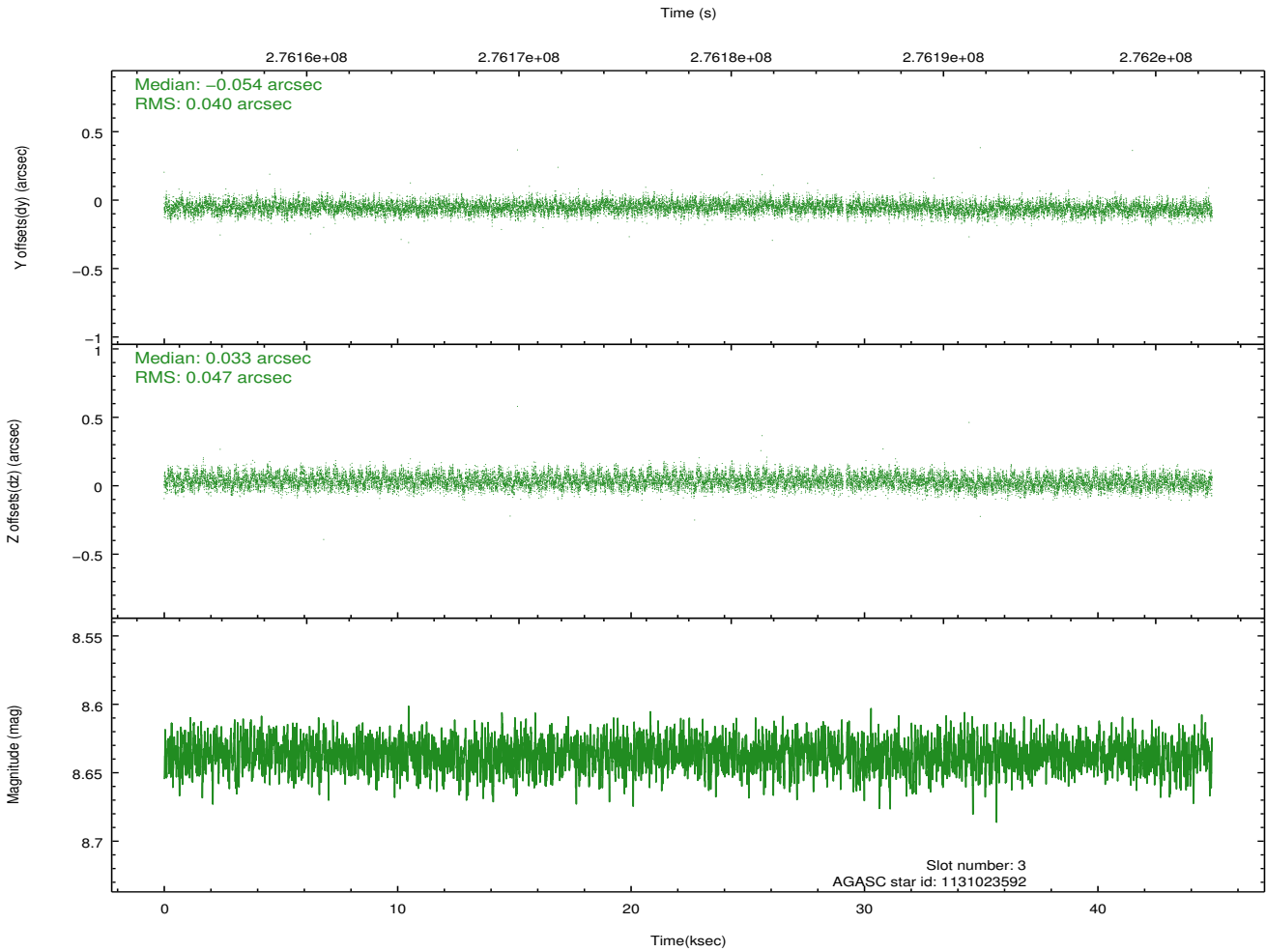
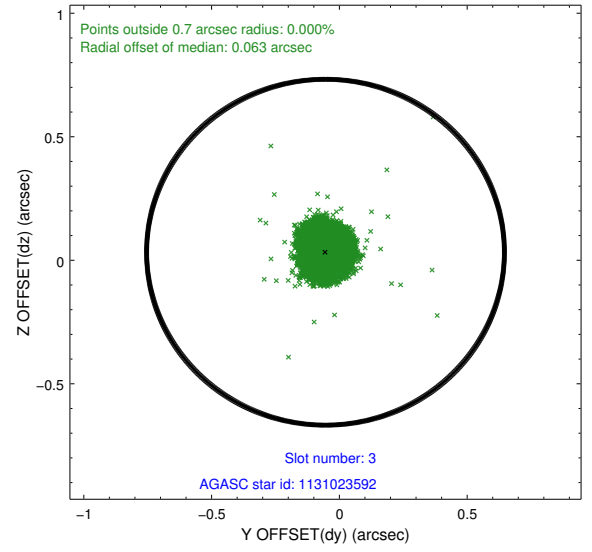
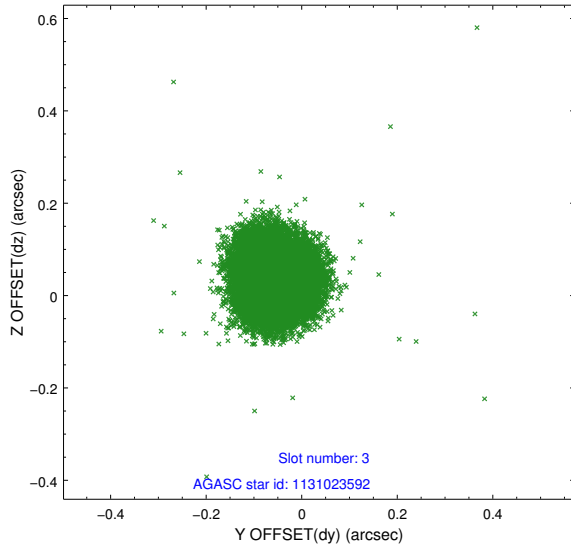


Slot Statistics

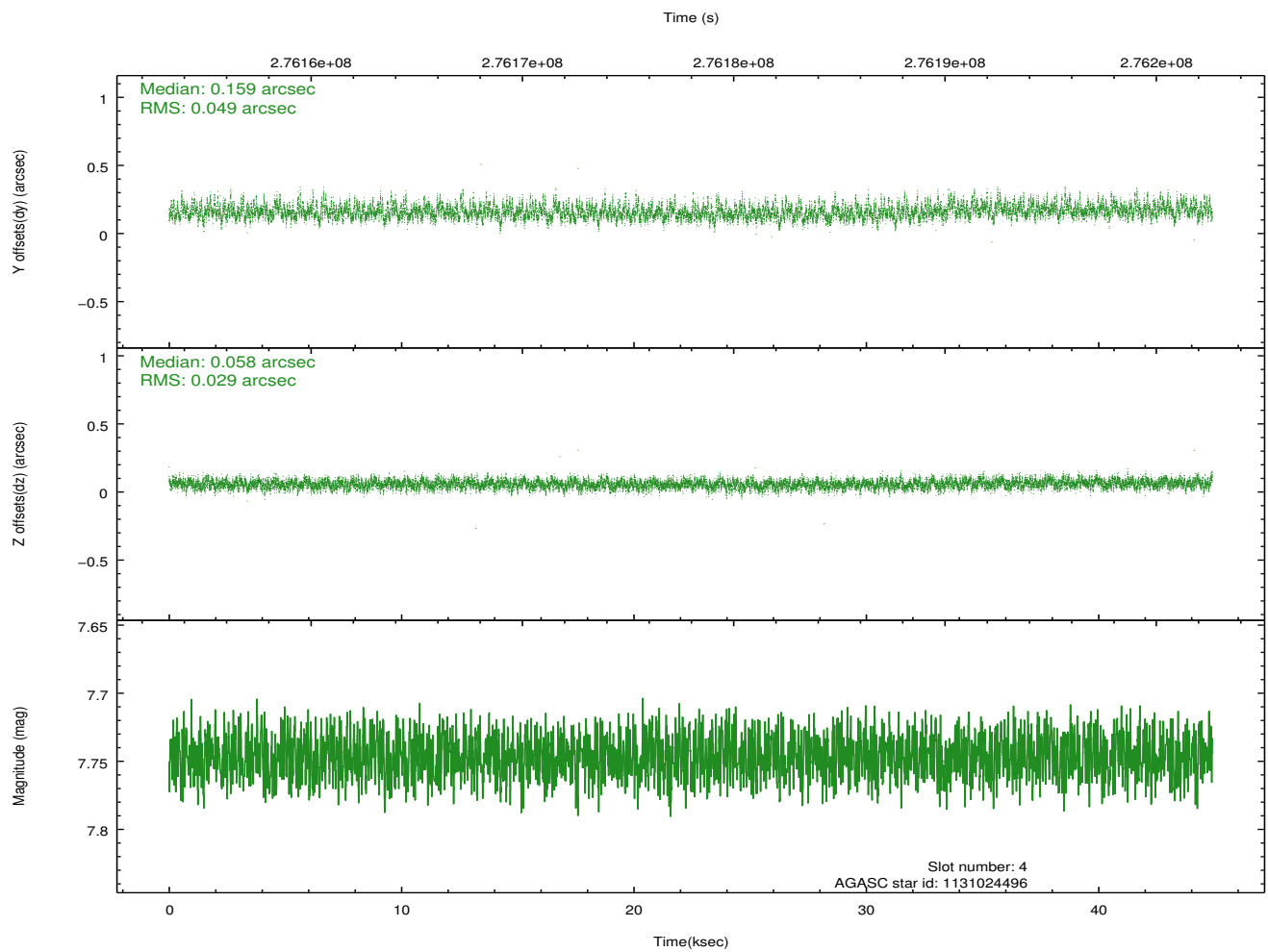
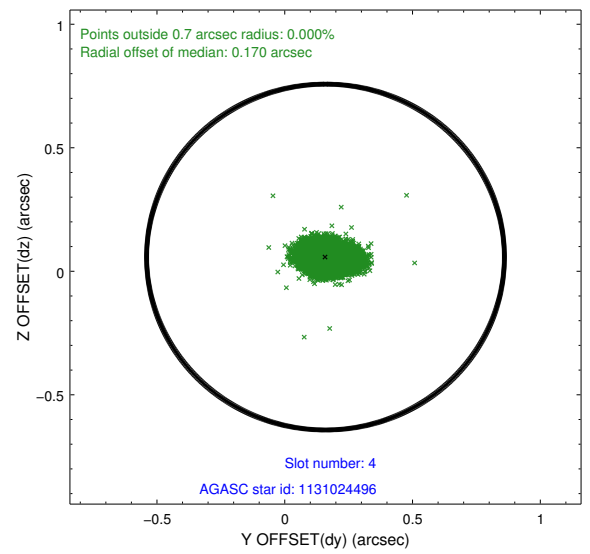
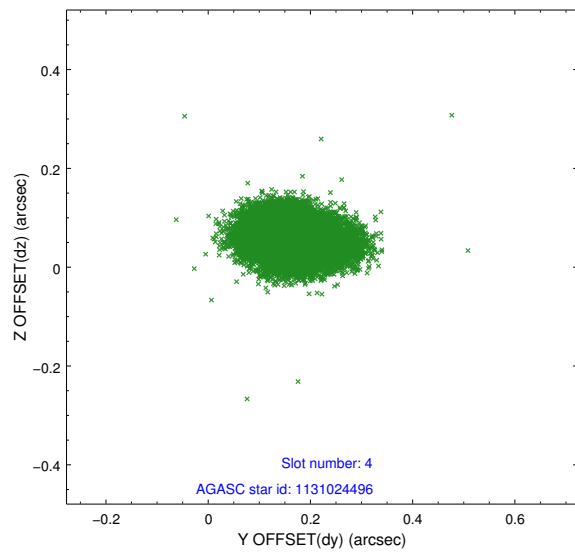
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	10951	-0.135	-0.038	0.013	0.028	0.000000	0.000000	-764.02	-863.48
1	FID	ACIS-I-4	7.21	10950	0.075	0.089	0.014	0.027	0.000000	0.000000	2150.31	1042.73
2	FID	ACIS-I-6	7.25	10951	-0.041	0.014	0.013	0.022	0.000000	0.000000	396.27	1684.77
3	GUIDE	1131023592	8.64	21824	-0.054	0.033	0.065	0.103	172.510288	-59.004302	-1866.00	-1800.87
4	GUIDE	1131024496	7.75	21897	0.159	0.058	0.058	0.101	170.002192	-59.188051	2126.20	649.38
5	GUIDE	1131026672	6.91	21902	-0.074	0.066	0.049	0.079	170.822180	-58.787471	1328.51	-1288.64
6	GUIDE	1131024656	8.92	21888	-0.028	0.048	0.083	0.136	172.592368	-59.171017	-2234.20	-1303.31
7	GUIDE	1174293608	8.85	21857	-0.011	-0.204	0.090	0.145	171.337887	-60.017603	-1309.17	2391.95

2.4 Star Slots

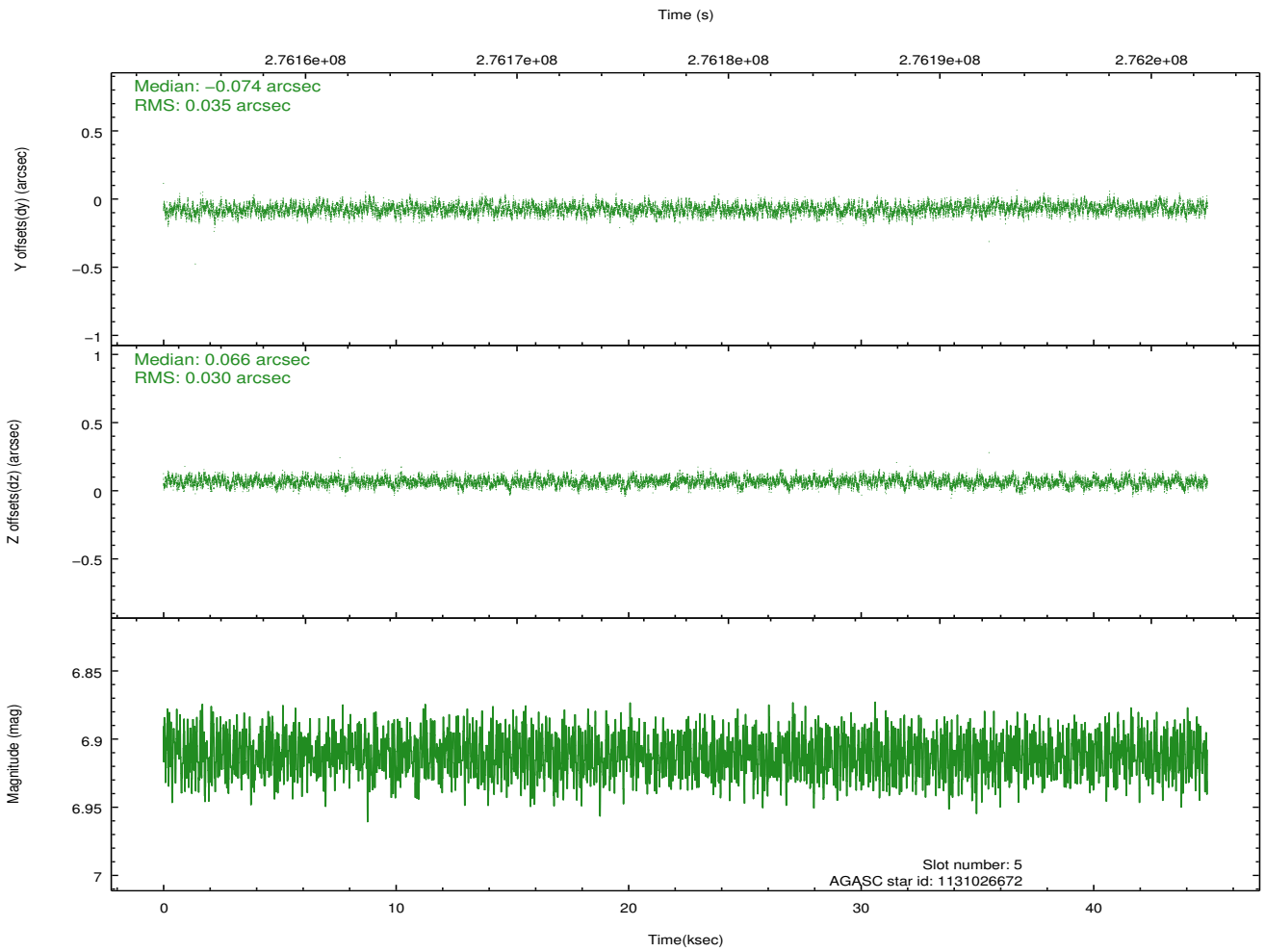
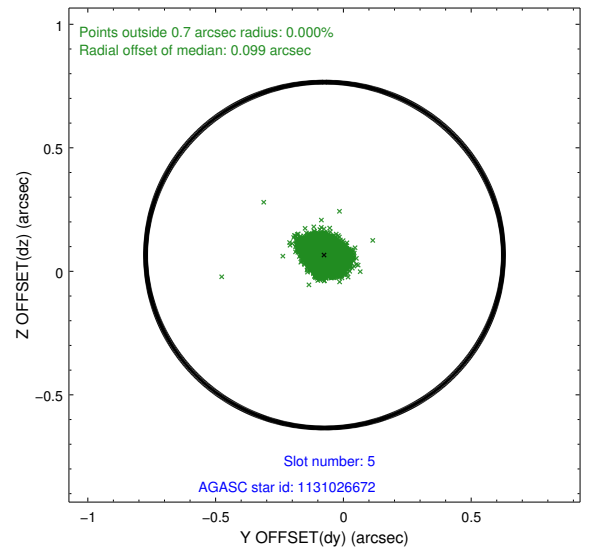
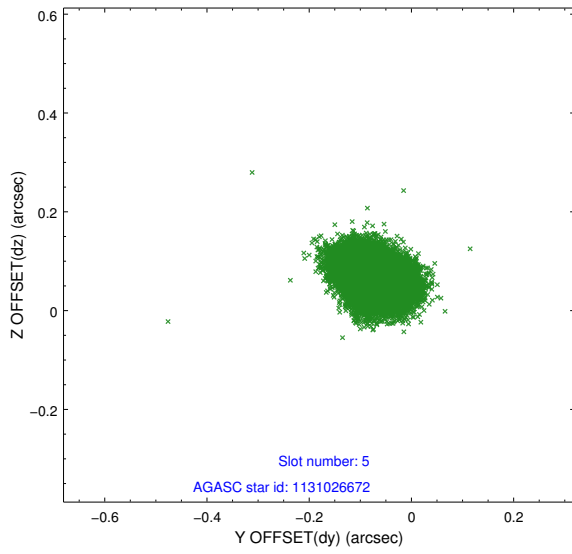
2.4.1 Slot 3



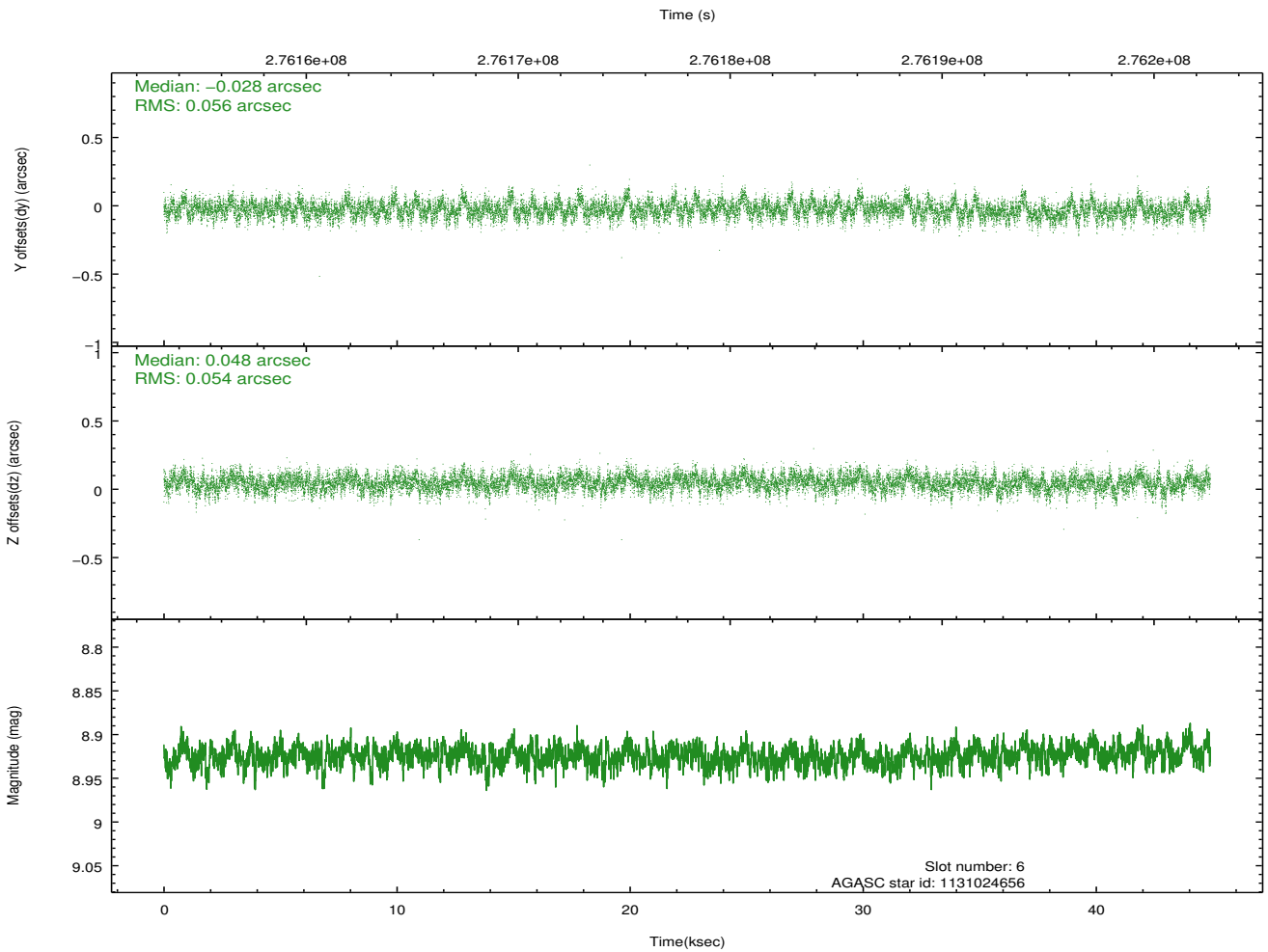
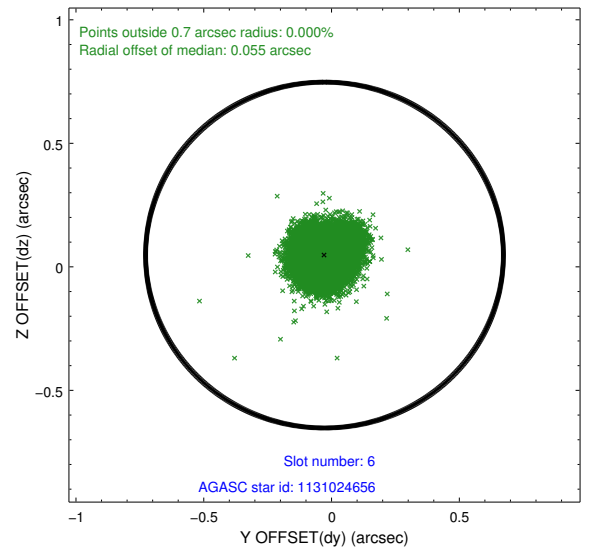
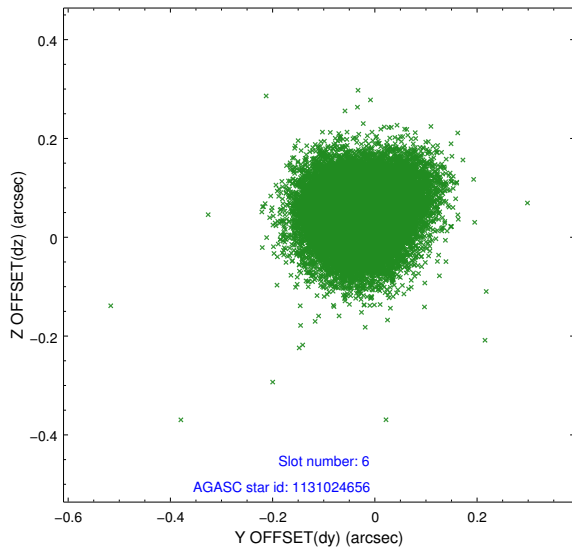
2.4.2 Slot 4



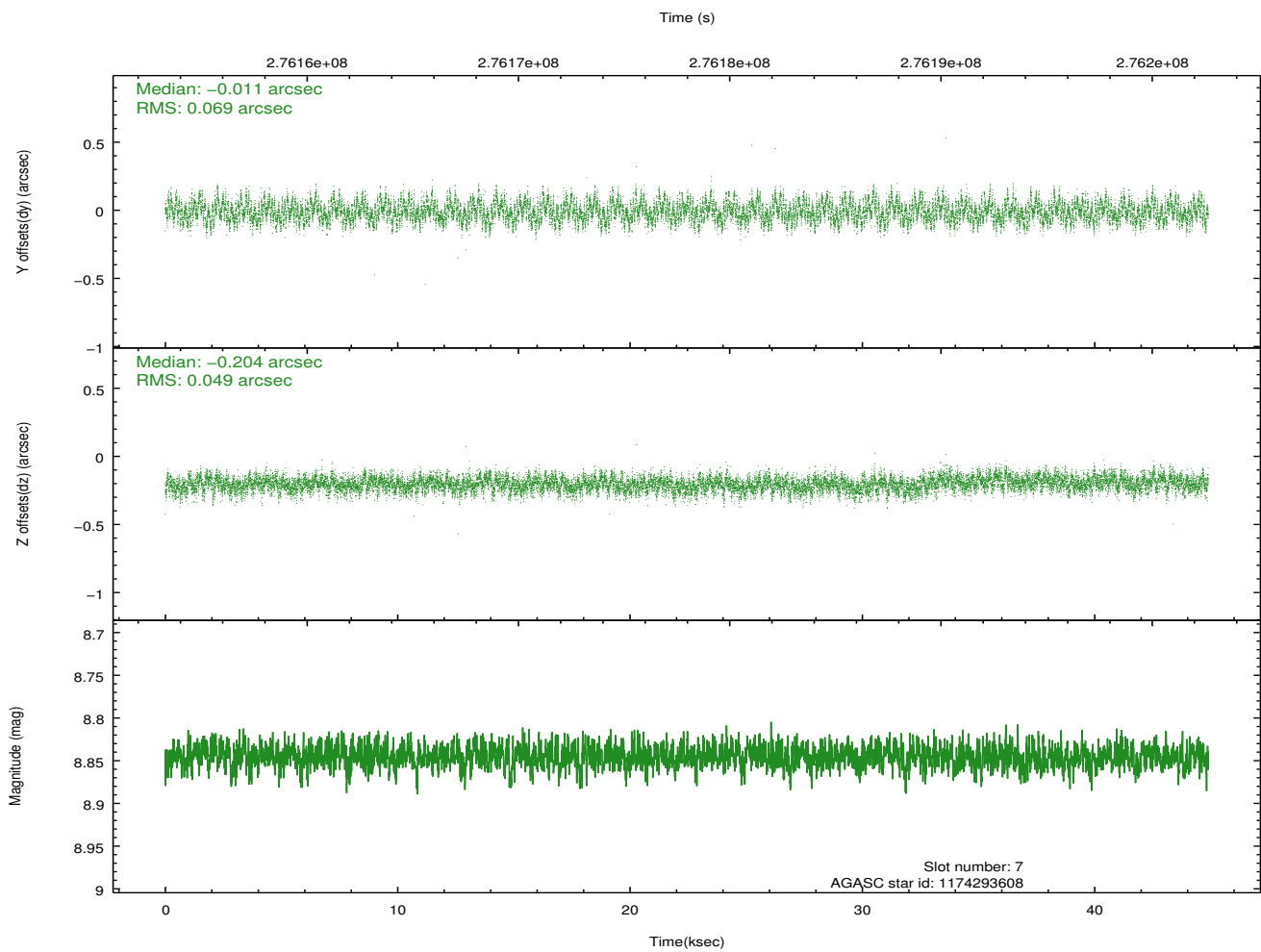
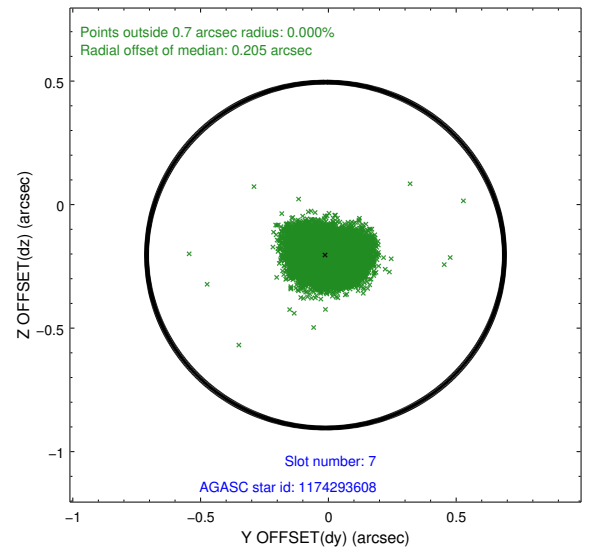
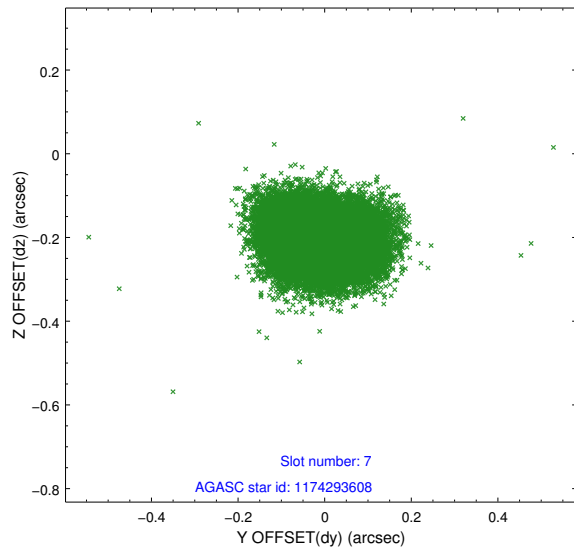
2.4.3 Slot 5



2.4.4 Slot 6

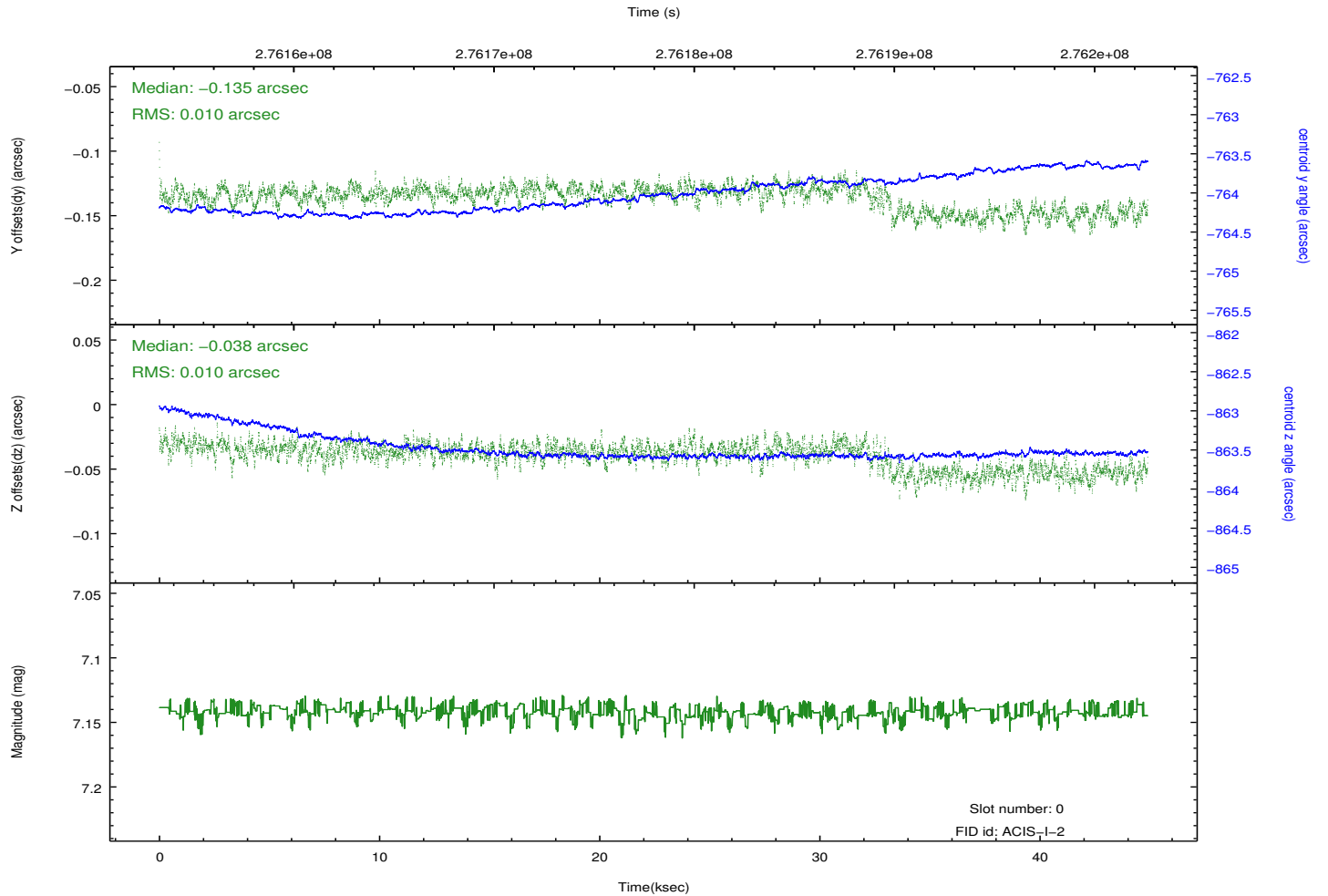
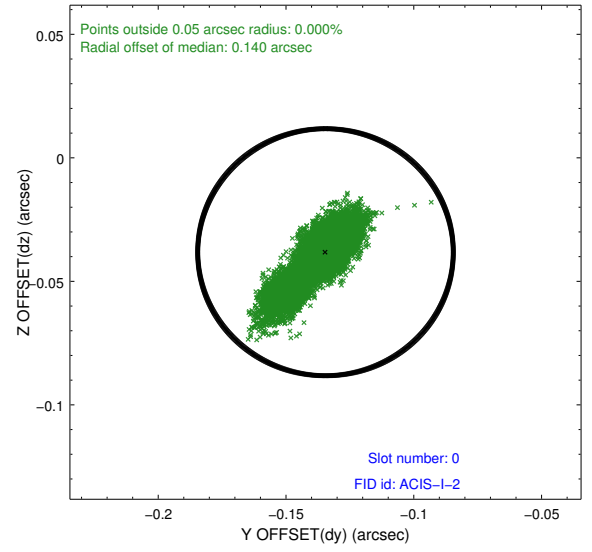
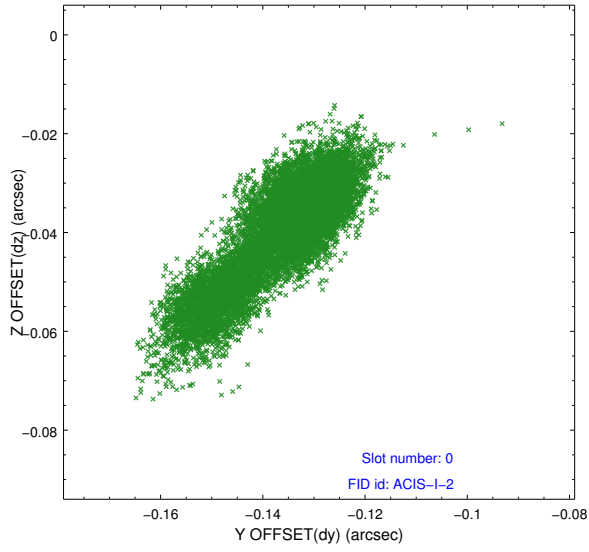


2.4.5 Slot 7

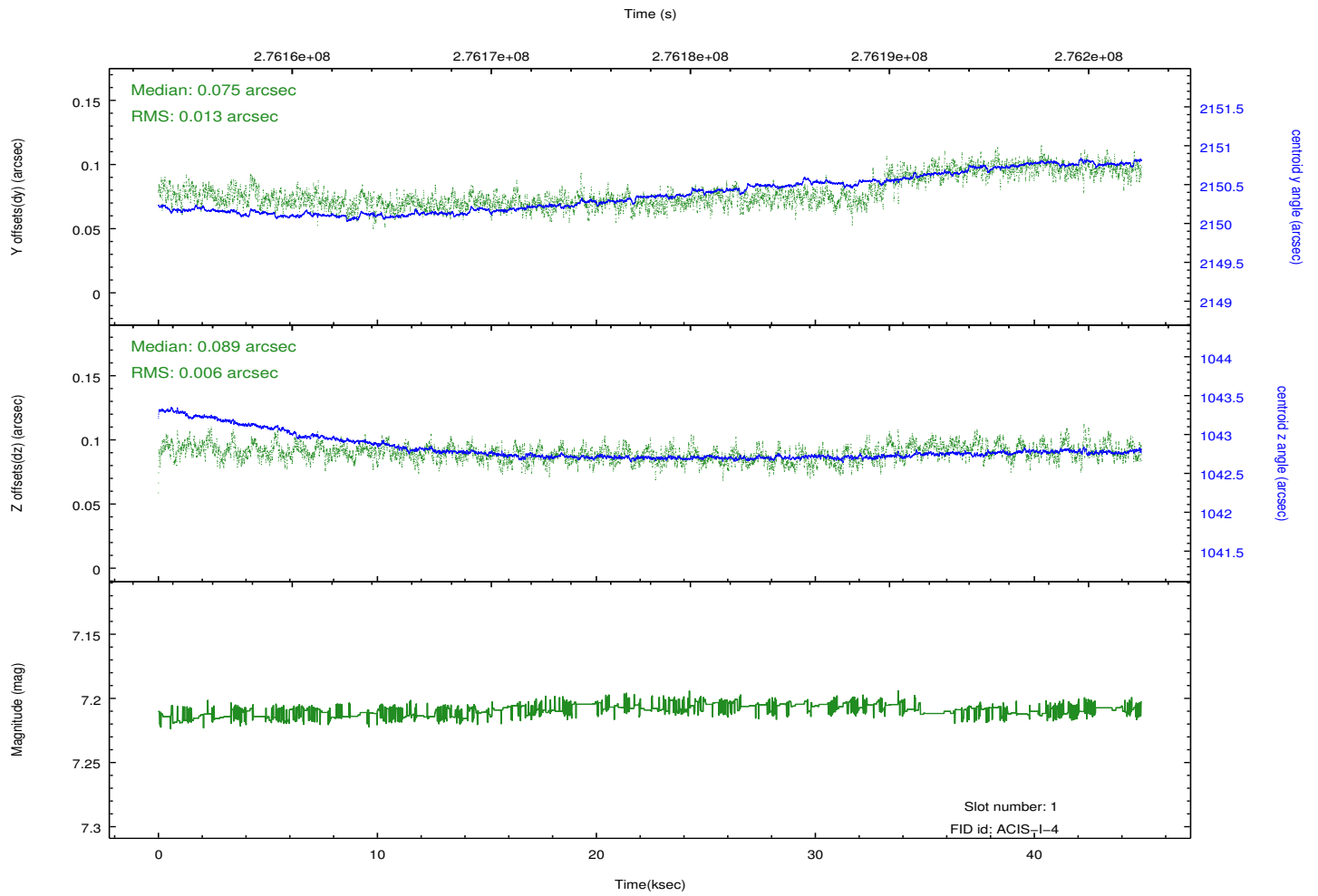
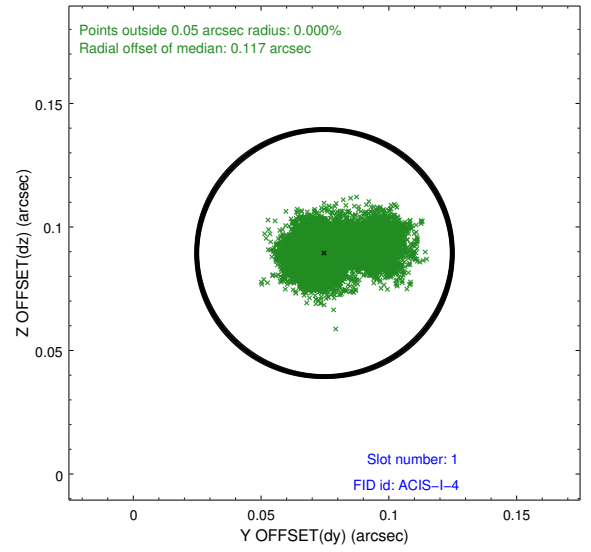
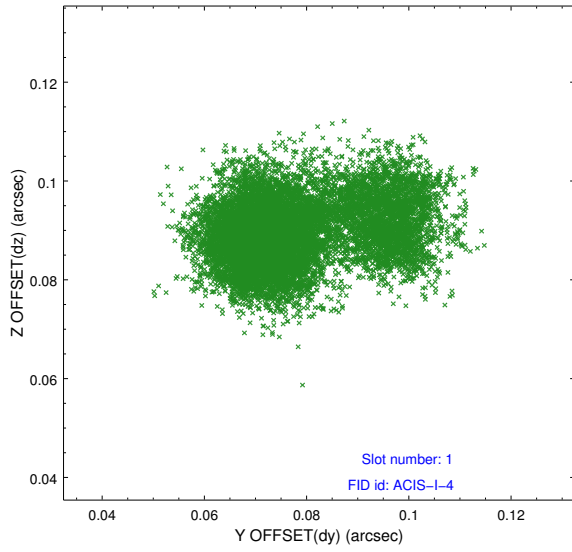


2.5 FID Slots

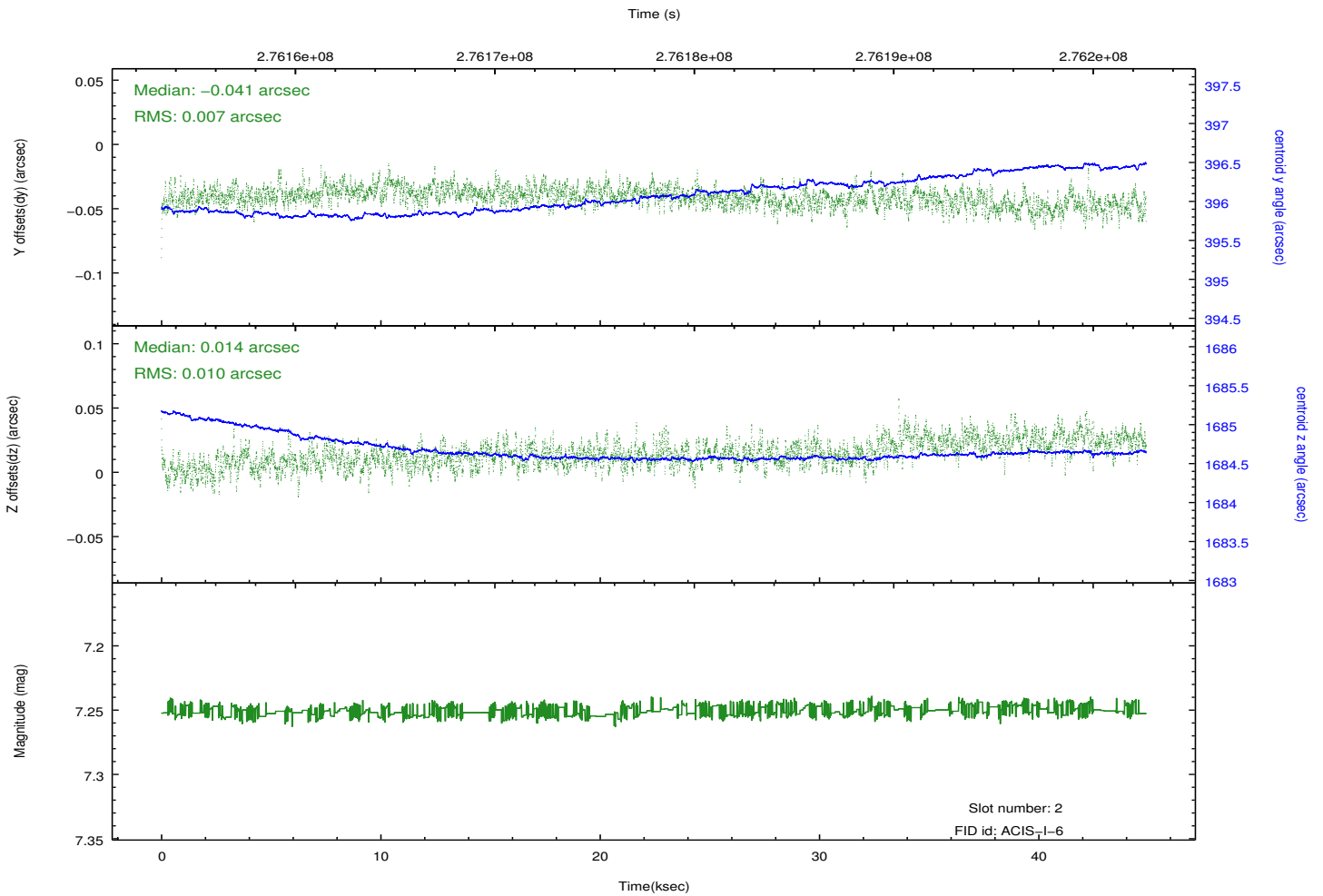
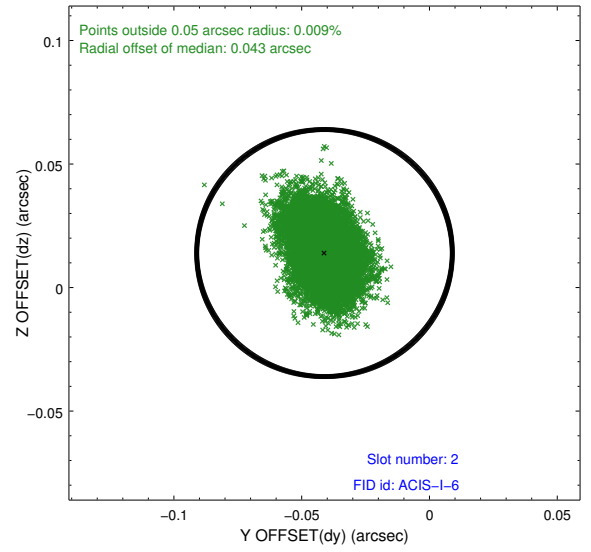
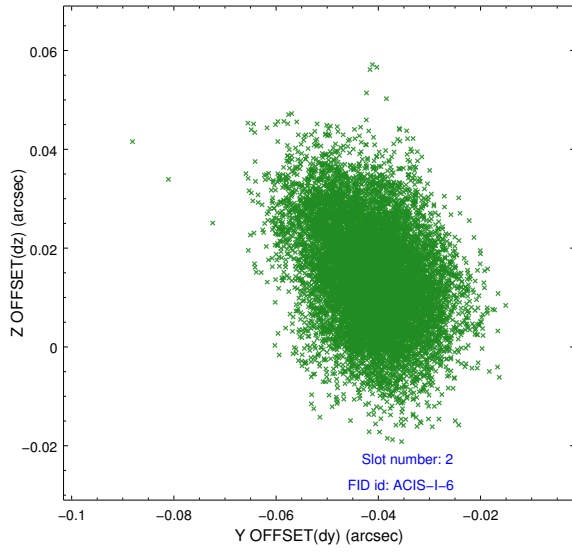
2.5.1 Slot 0



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)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.8848183

A.2 Comments