

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11801 - L2 Version 2
Chandra X-Ray Center

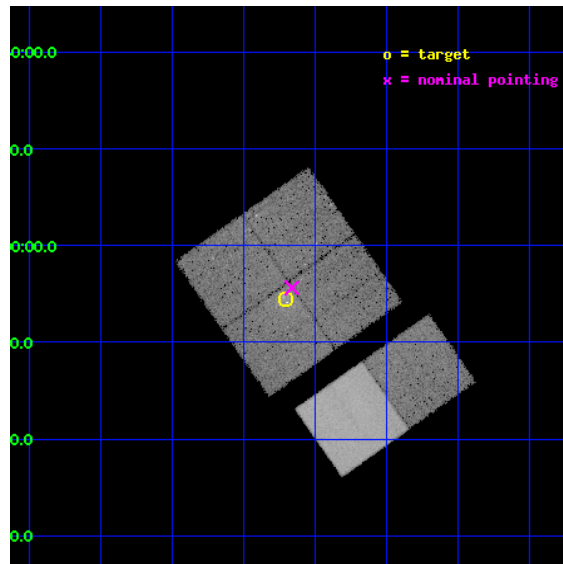
L2 Processing Date : Jun 28 2012

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1 Front

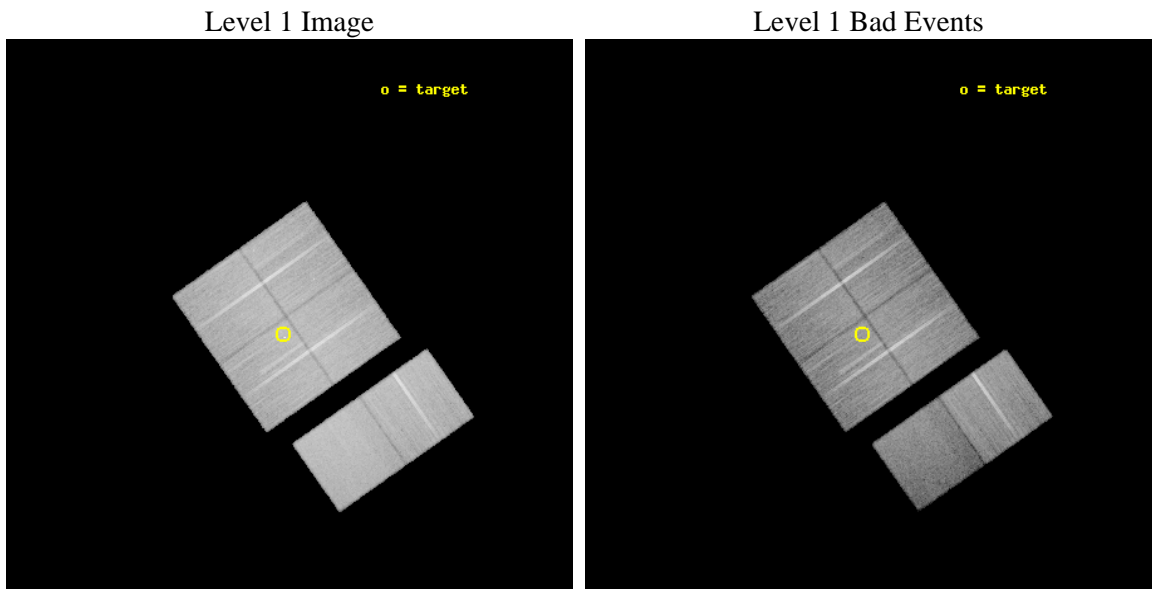
seq_num	501317	Sequence number
obs_id	11801	Observation id
title	Investigating the nature of the candidate SNR G29.37+0.10	Proposal
observer	Dr Regis Terrier	Principal investigator
object	G29.37+0.10	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	281.177083	Observer's specified target RA [deg]
dec_targ	-3.093333	Observer's specified target Dec [deg]
ra_nom	281.16569540664	Nominal RA [deg]
dec_nom	-3.0729620261122	Nominal Dec [deg]
roll_nom	144.94722243426	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30044.717897415	Sum of GTIs [s]
livetime	29664.273588641	Livetime [s]
ontime0	30047.958857834	Sum of GTIs [s]
ontime1	30047.958877802	Sum of GTIs [s]
ontime2	30047.958857834	Sum of GTIs [s]
ontime3	30044.717897415	Sum of GTIs [s]
ontime6	30044.717857122	Sum of GTIs [s]
ontime7	30051.19988811	Sum of GTIs [s]
l2events	205485	Number of level 2 events



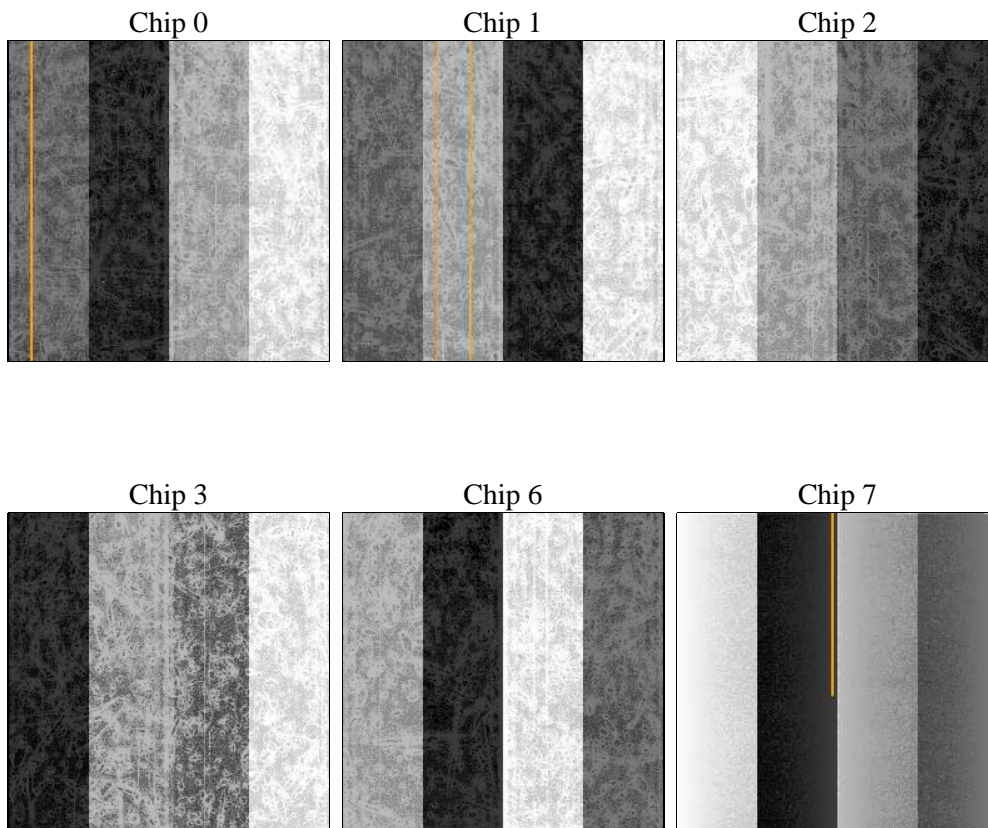
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	30000.372000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	30044.717897415	Sum of GTIs [s]
caldbver	4.5.0	 	ontime0	30047.958857834	Sum of GTIs [s]
date	2012-06-28T20:45:50	Date and time of file creation	ontime1	30047.958877802	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	30047.958857834	Sum of GTIs [s]
			ontime3	30044.717897415	Sum of GTIs [s]
			ontime6	30044.717857122	Sum of GTIs [s]
			ontime7	30051.19988811	Sum of GTIs [s]
			l1events	1238184	Number of level 1 events

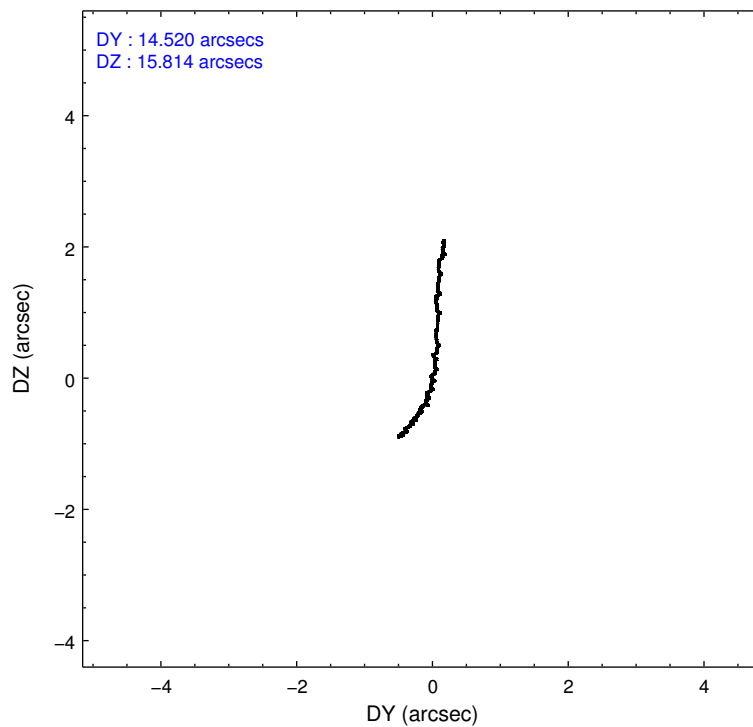
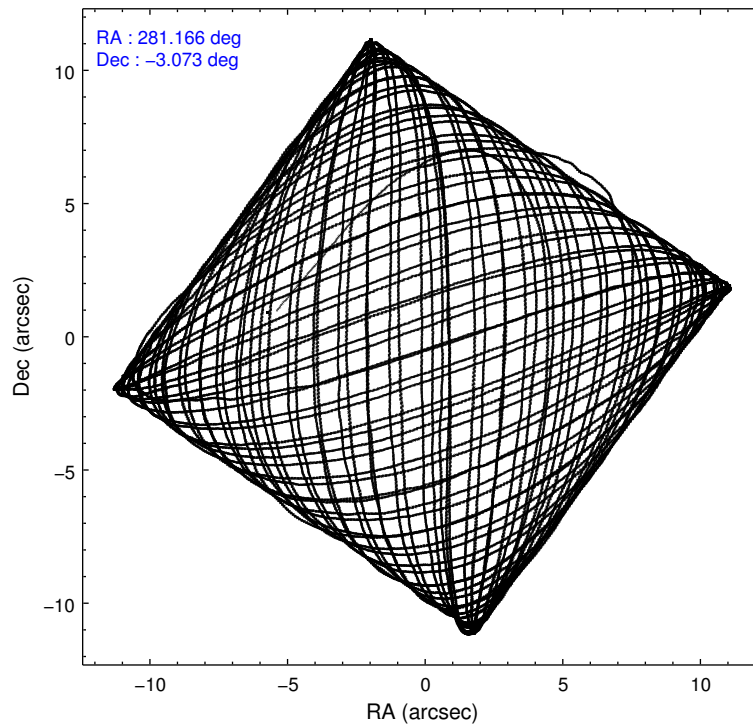
2.1.4 Events

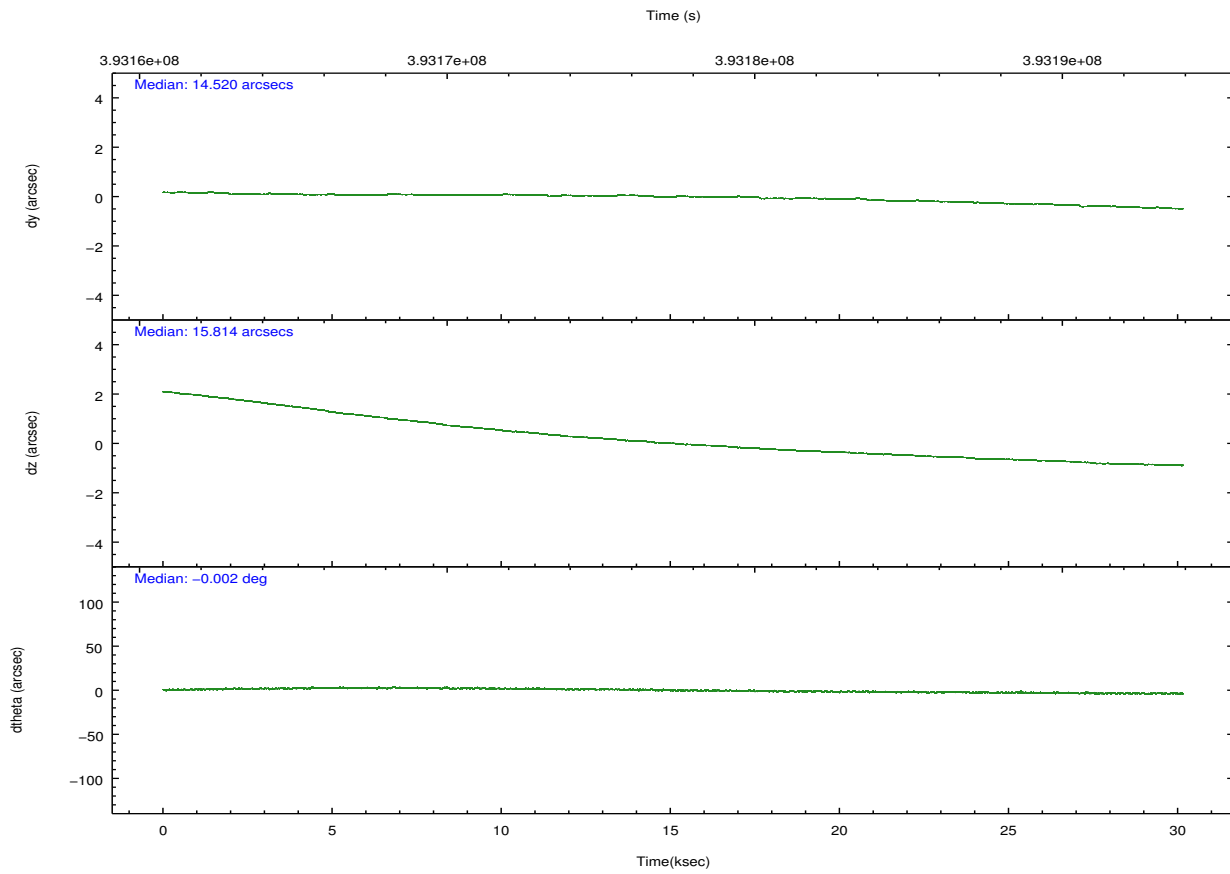
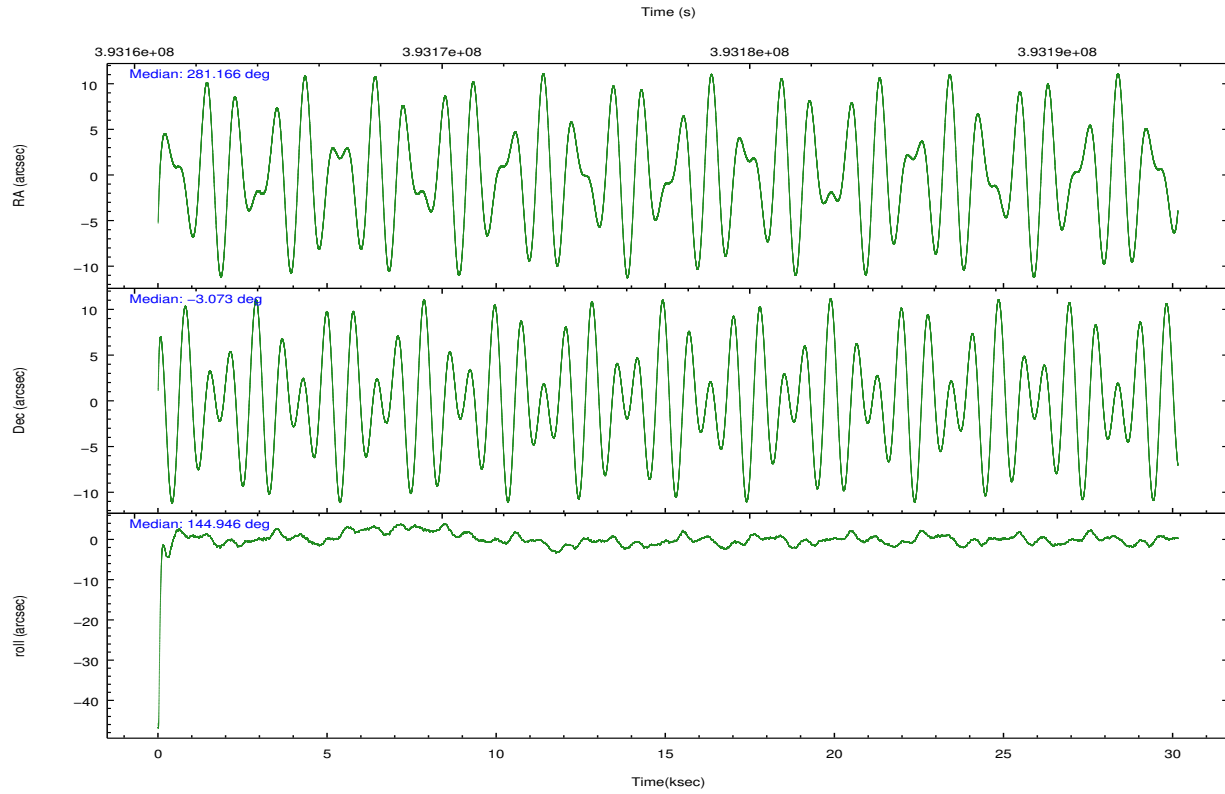
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	191564	193720	213911	204182	215460	219347	grade 0 events	9497	9130	9084	10490	9216	10918
rejected events	167343	169428	190893	179364	191273	111608		4%	4%	4%	5%	4%	4%
rejected %	87%	87%	89%	87%	88%	50%	grade 1 events	121	127	122	141	135	329
								0%	0%	0%	0%	0%	0%
							grade 2 events	5749	5294	5509	5216	5408	23426
								3%	2%	2%	2%	2%	10%
							grade 3 events	2361	2575	2278	2466	2354	9914
								1%	1%	1%	1%	1%	4%
							grade 4 events	2347	2550	2362	2479	2419	10015
								1%	1%	1%	1%	1%	4%
							grade 5 events	6732	7562	6423	7923	8362	23550
								3%	3%	3%	3%	3%	10%
							grade 6 events	4273	4745	3786	4170	4796	53493
								2%	2%	1%	2%	2%	24%
							grade 7 events	160484	161737	184347	171297	182770	87702
								83%	83%	86%	83%	84%	39%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	Y	Y
Observation mode	POINTING	POINTING	CCD I1 on	Y	Y
[deg] Pointing RA	281.193135	281.1656954066394	CCD I2 on	Y	Y
[deg] Pointing Dec	-3.075276	-3.07296202611223	CCD I3 on	Y	Y
[deg] Pointing Roll	144.740025	144.9472224342627	CCD S0 on	N	N
[mm] SIM focus pos	-0.782348	-0.7809083437167272	CCD S1 on	N	N
[mm] SIM defocus	0	0.001439871863259334	CCD S2 on	O2	Y
[mm] SIM translation stage pos	-233.592463	-233.5874344608287	CCD S3 on	O1	Y
[mm] SIM translation stage offset	0	-0.005018542100998502	CCD S4 on	N	N
[s] Observation start time (MET)	393162428.184000	393161139.28394	CCD S5 on	N	N
Observation start date	2010-06-17T11:46:02	2010-06-17T11:25:39	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	393192429.184000	393192666.23555	On-chip summing requested	N	N
Observation end date	2010-06-17T20:06:03	2010-06-17T20:11:06	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



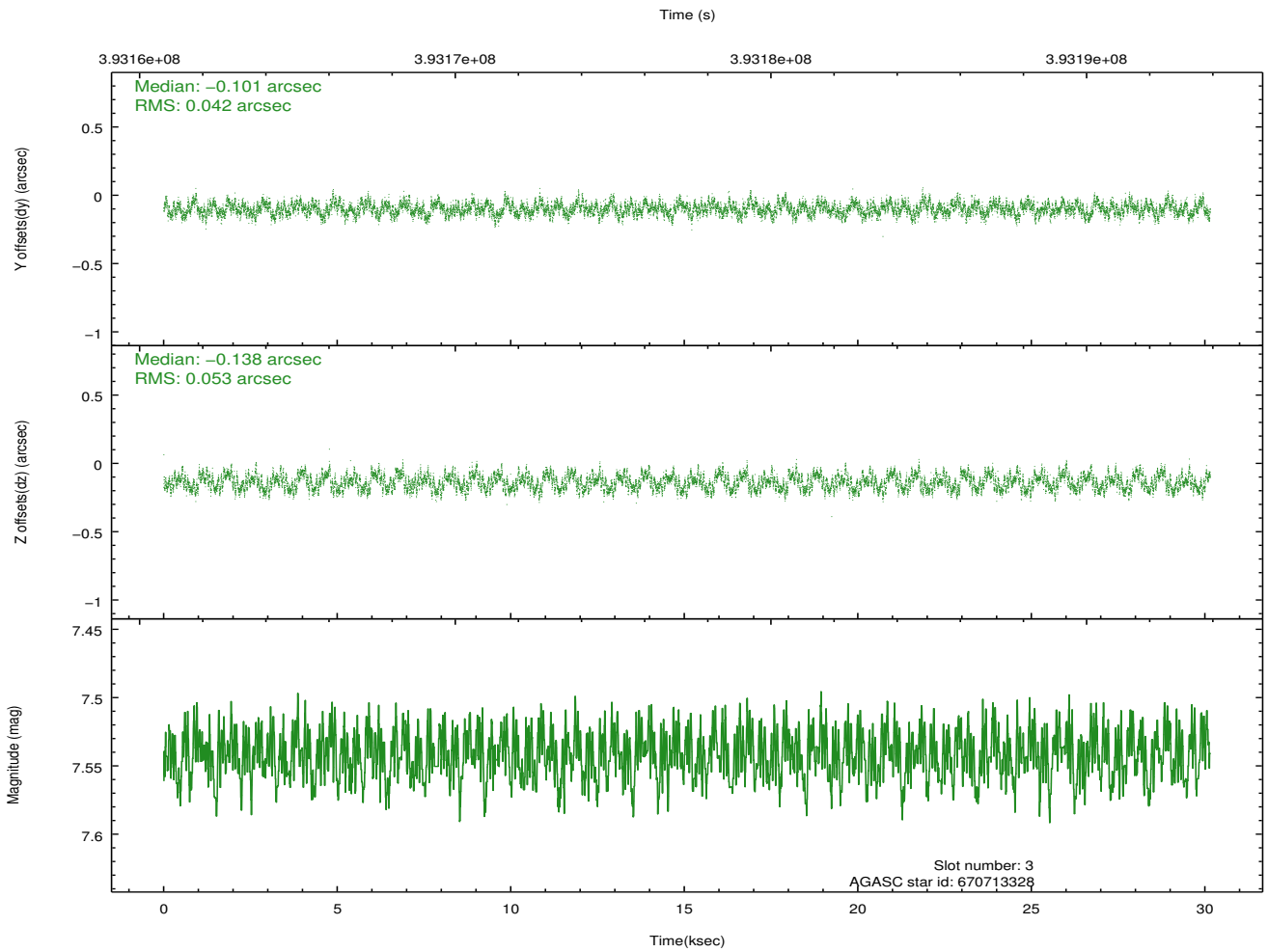
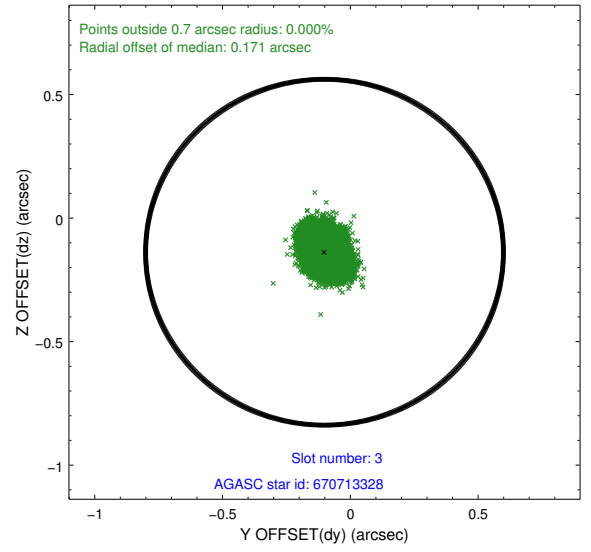
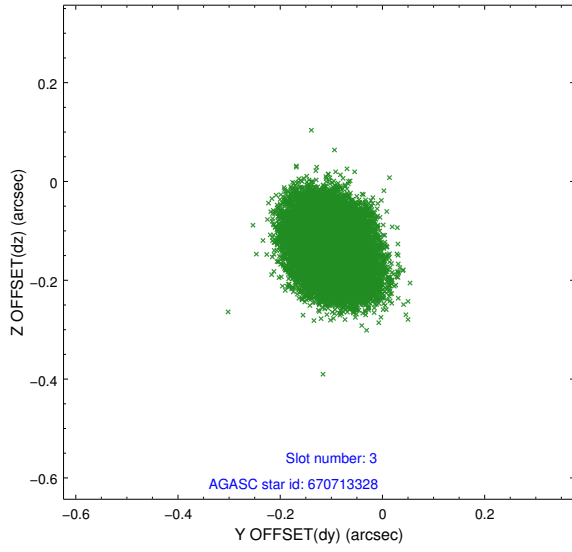


Slot Statistics

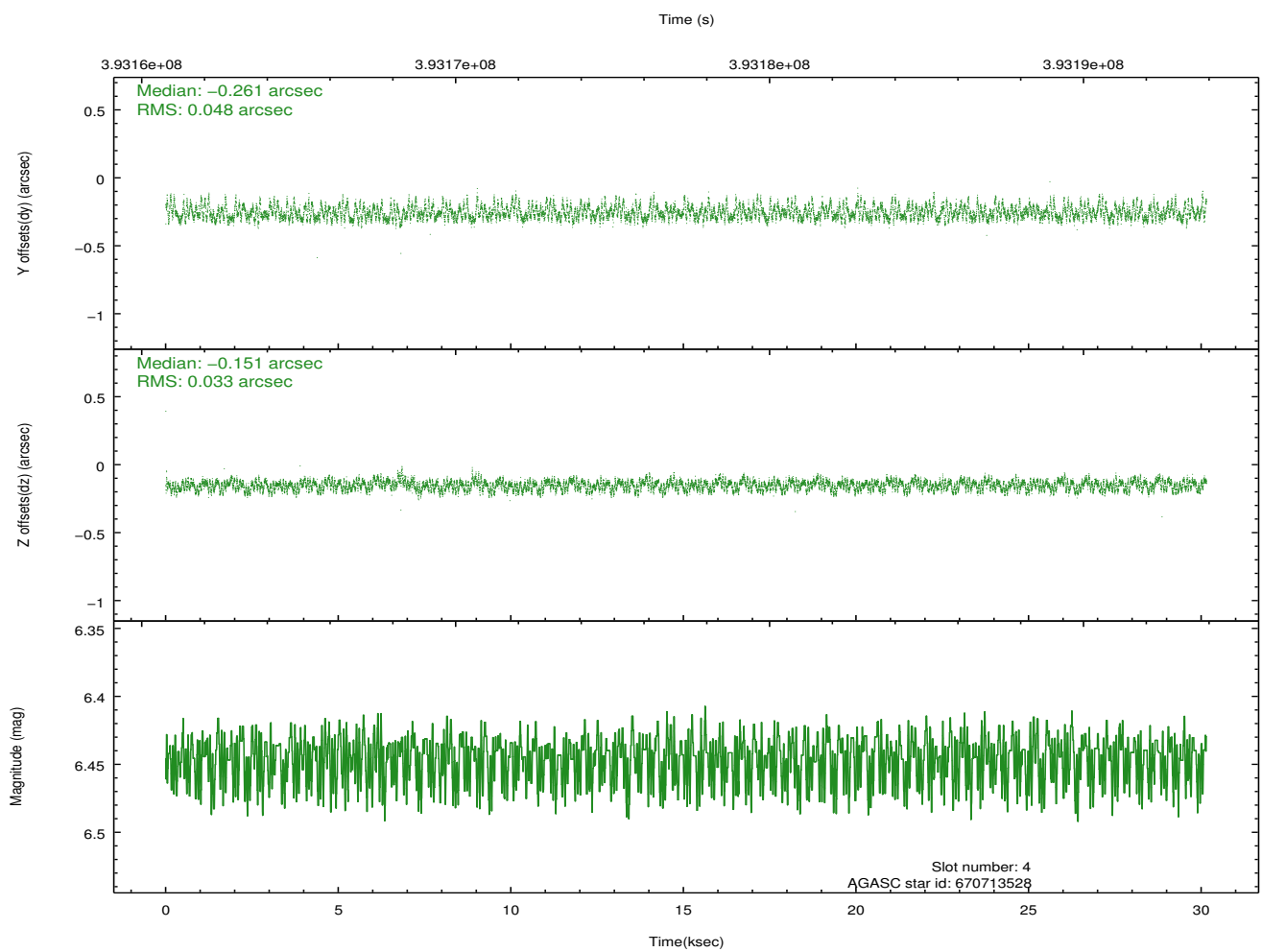
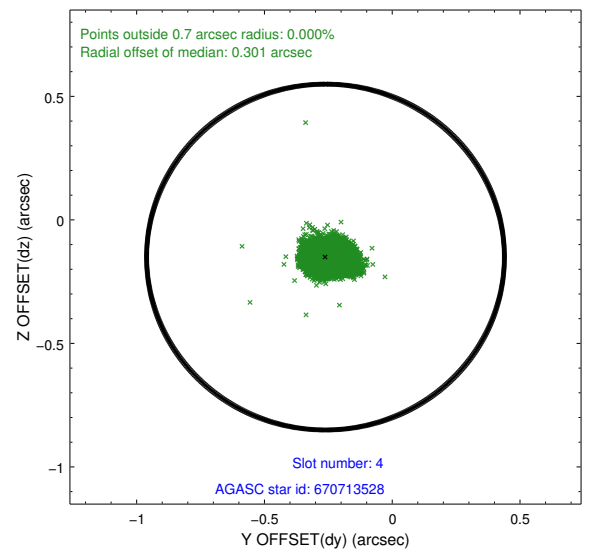
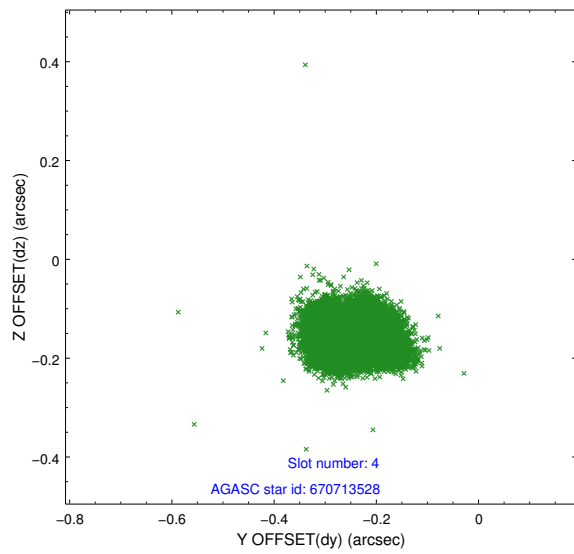
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.04	7353	0.051	-0.018	0.025	0.036	0.000000	0.000000	925.07	-839.68
1	FID	ACIS-I-5	7.02	7355	-0.218	0.050	0.018	0.024	0.000000	0.000000	-1823.26	1057.85
2	FID	ACIS-I-6	7.03	7353	0.076	0.038	0.017	0.037	0.000000	0.000000	390.57	1702.41
3	GUIDE	670713328	7.54	14706	-0.101	-0.138	0.075	0.113	280.824681	-3.187771	847.64	1095.25
4	GUIDE	670713528	6.44	14706	-0.261	-0.151	0.061	0.102	280.393663	-3.118473	2255.48	1786.61
5	GUIDE	670829704	8.64	14706	0.161	0.214	0.074	0.125	281.322555	-2.956964	-133.72	-615.90
6	GUIDE	670713072	8.99	14666	0.027	0.160	0.085	0.138	281.205407	-3.604132	-1135.11	1529.39
7	GUIDE	670830264	8.75	14701	0.167	-0.078	0.078	0.126	281.361536	-3.231556	-818.94	110.16

2.4 Star Slots

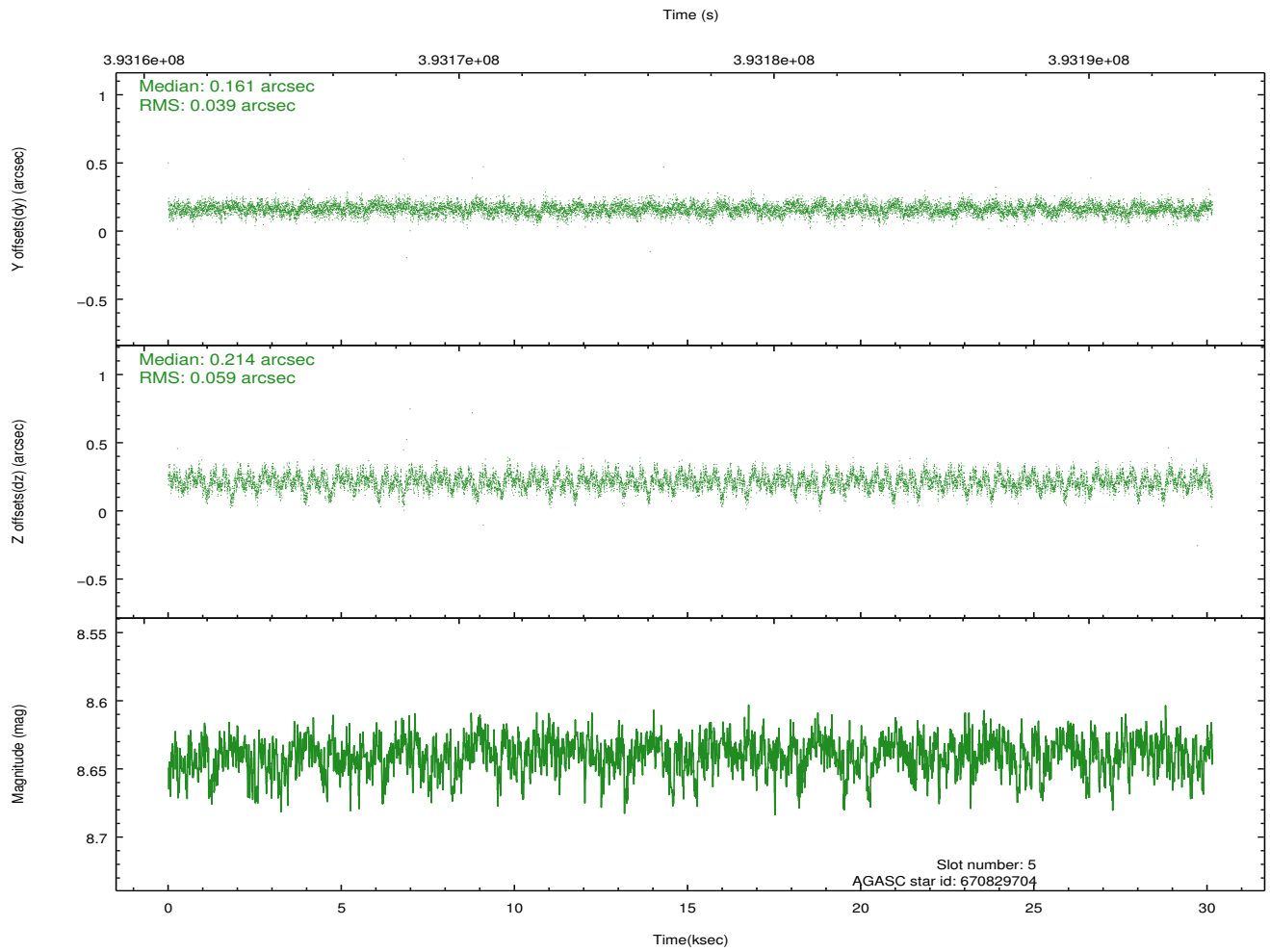
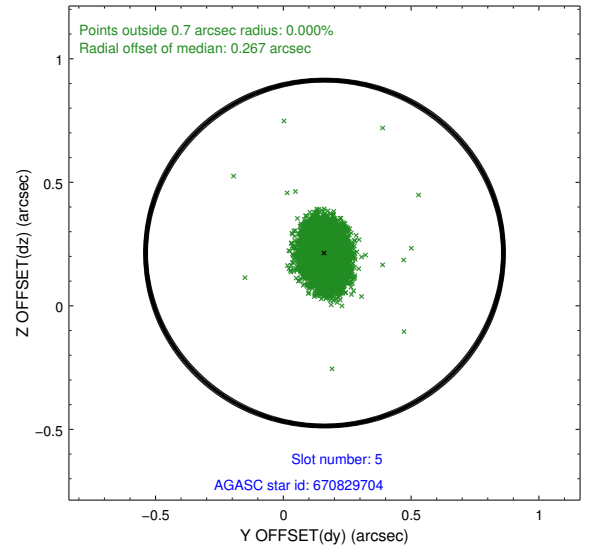
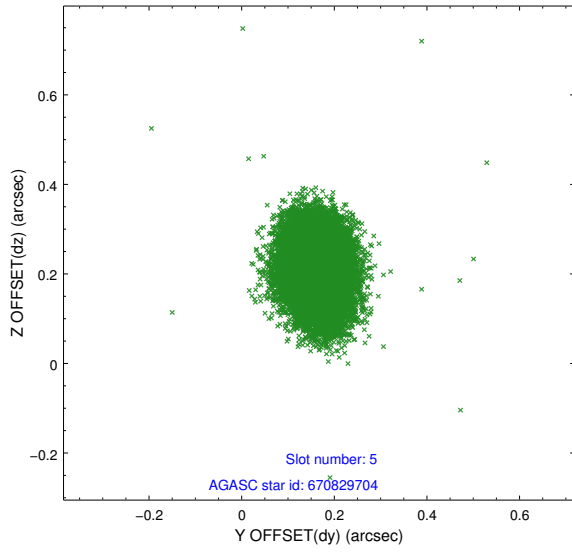
2.4.1 Slot 3



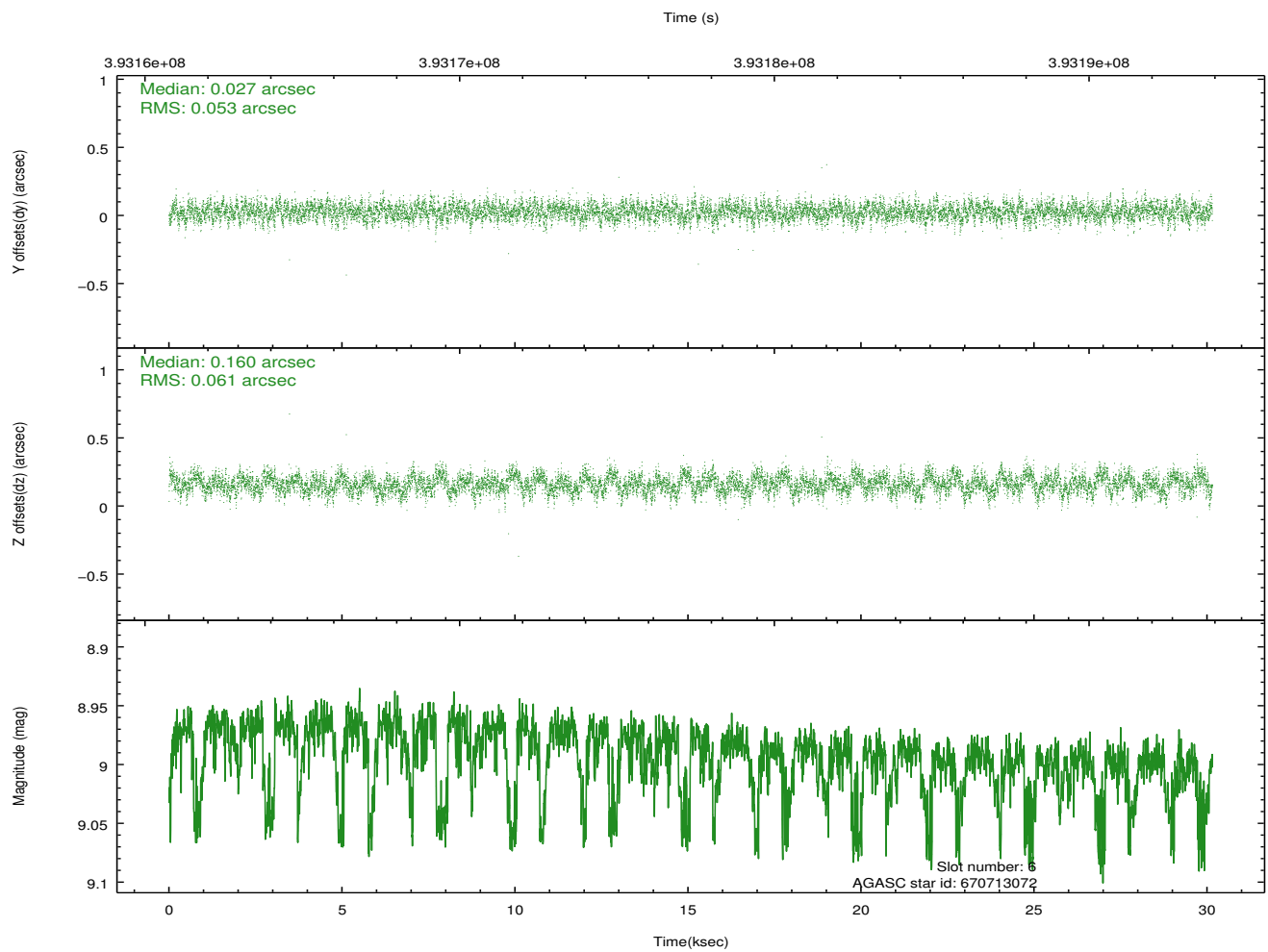
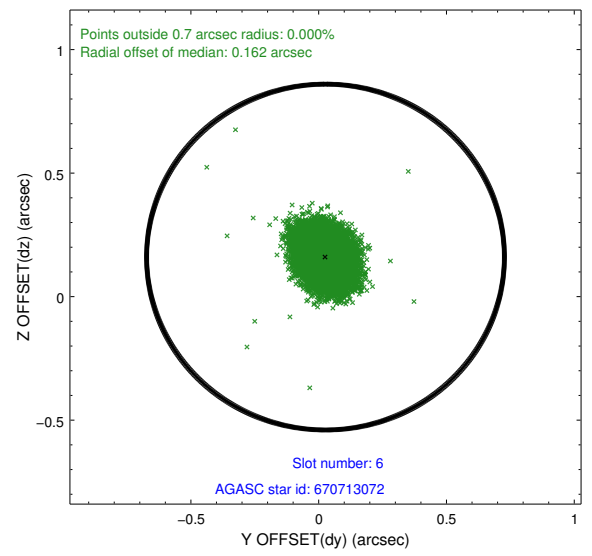
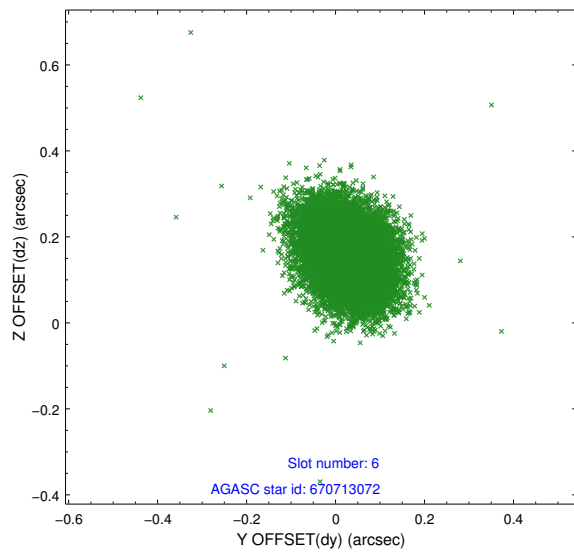
2.4.2 Slot 4



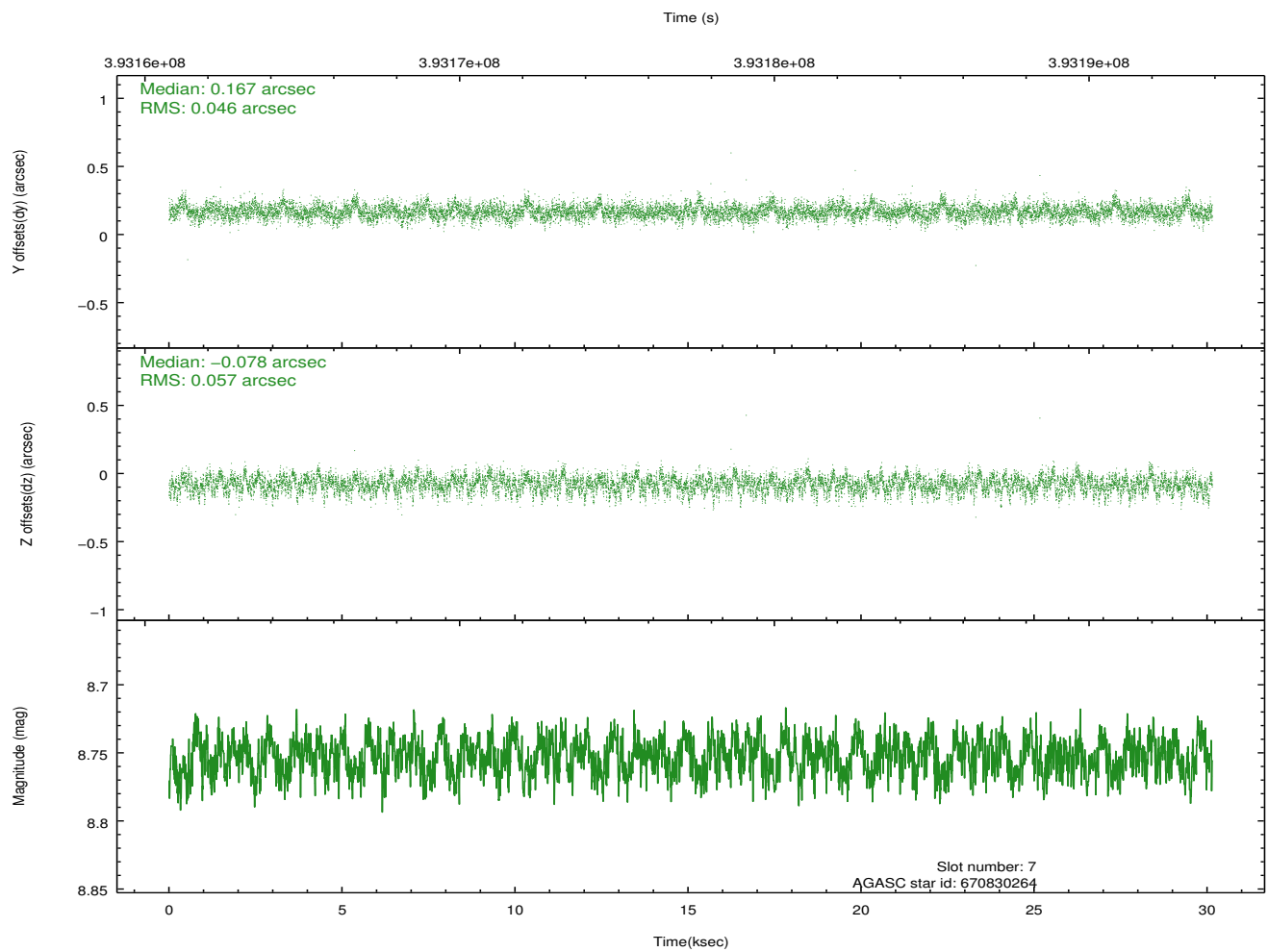
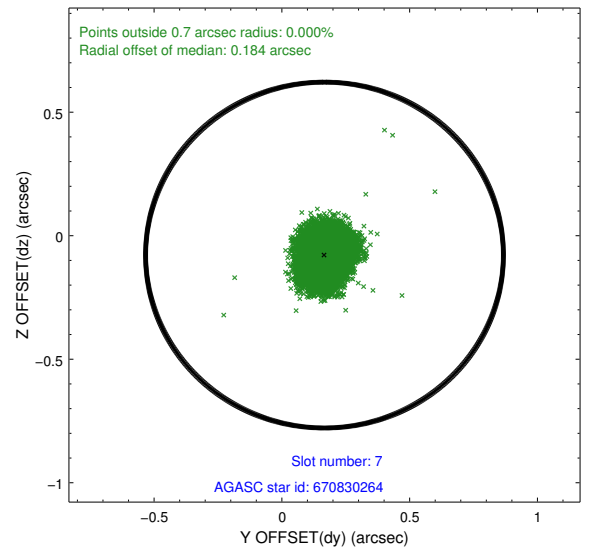
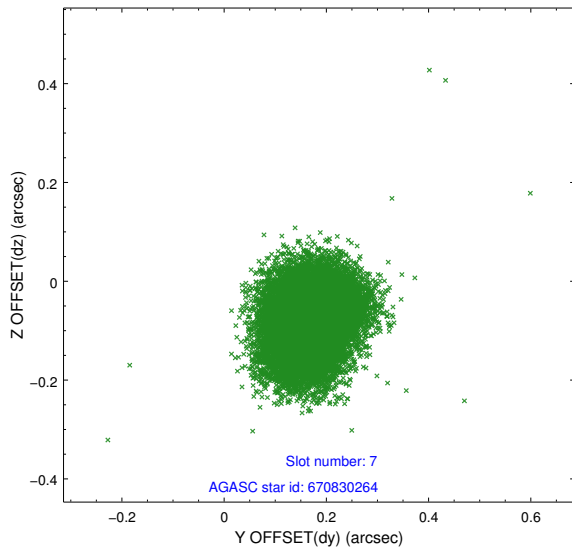
2.4.3 Slot 5



2.4.4 Slot 6

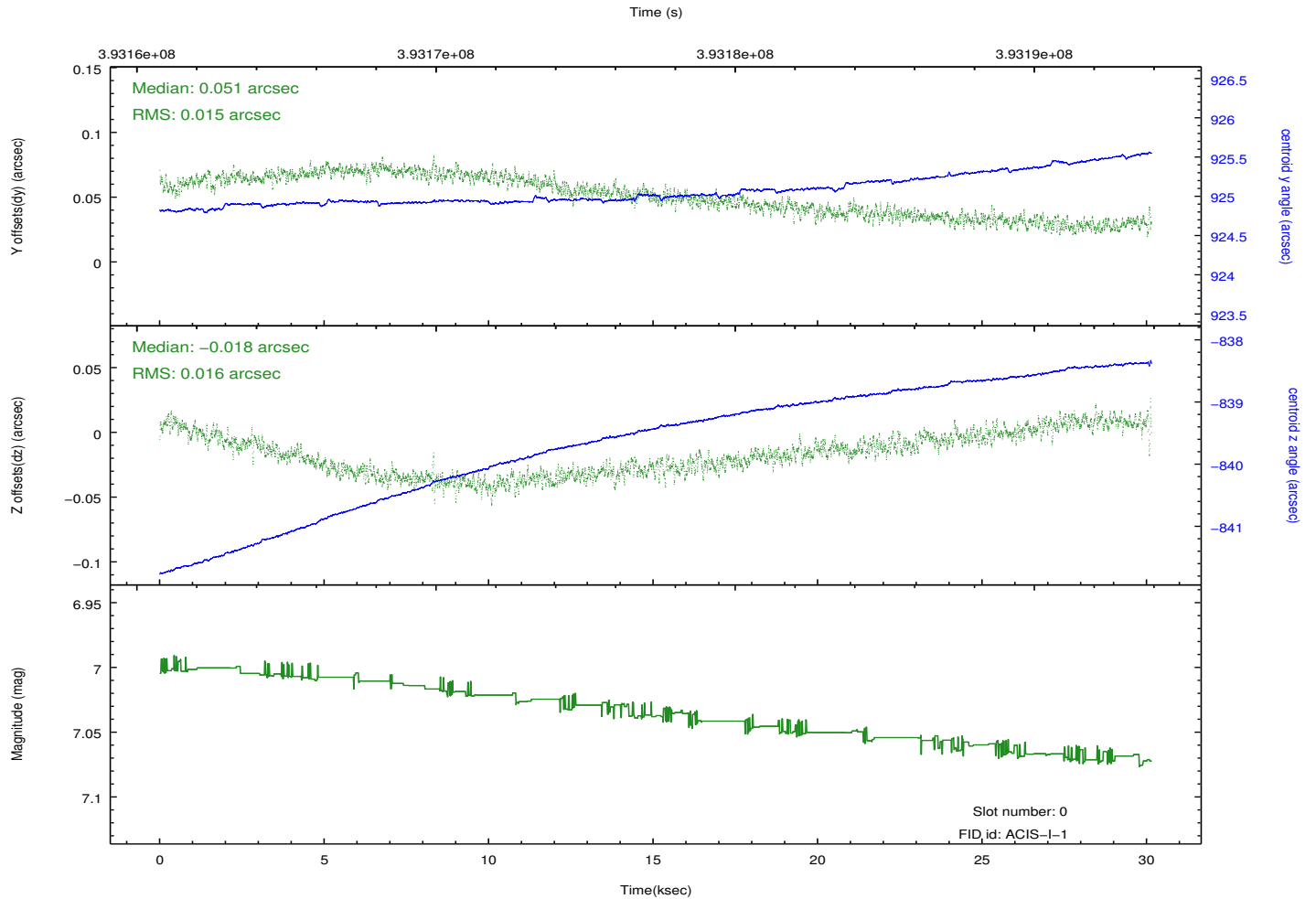
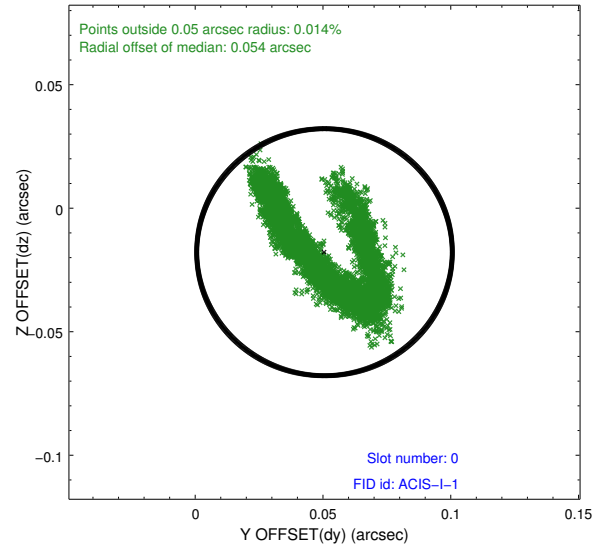
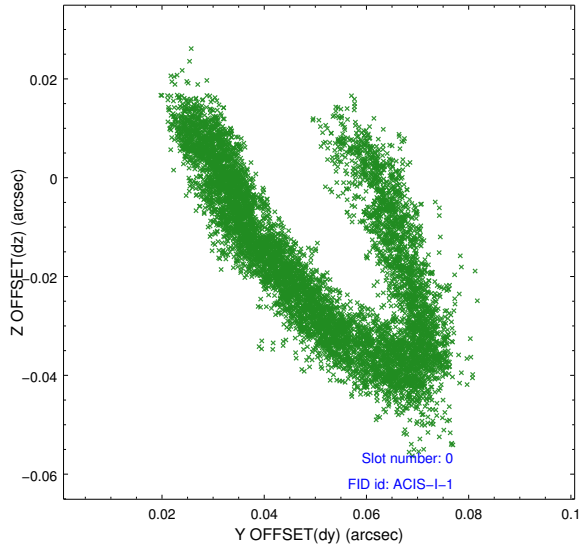


2.4.5 Slot 7

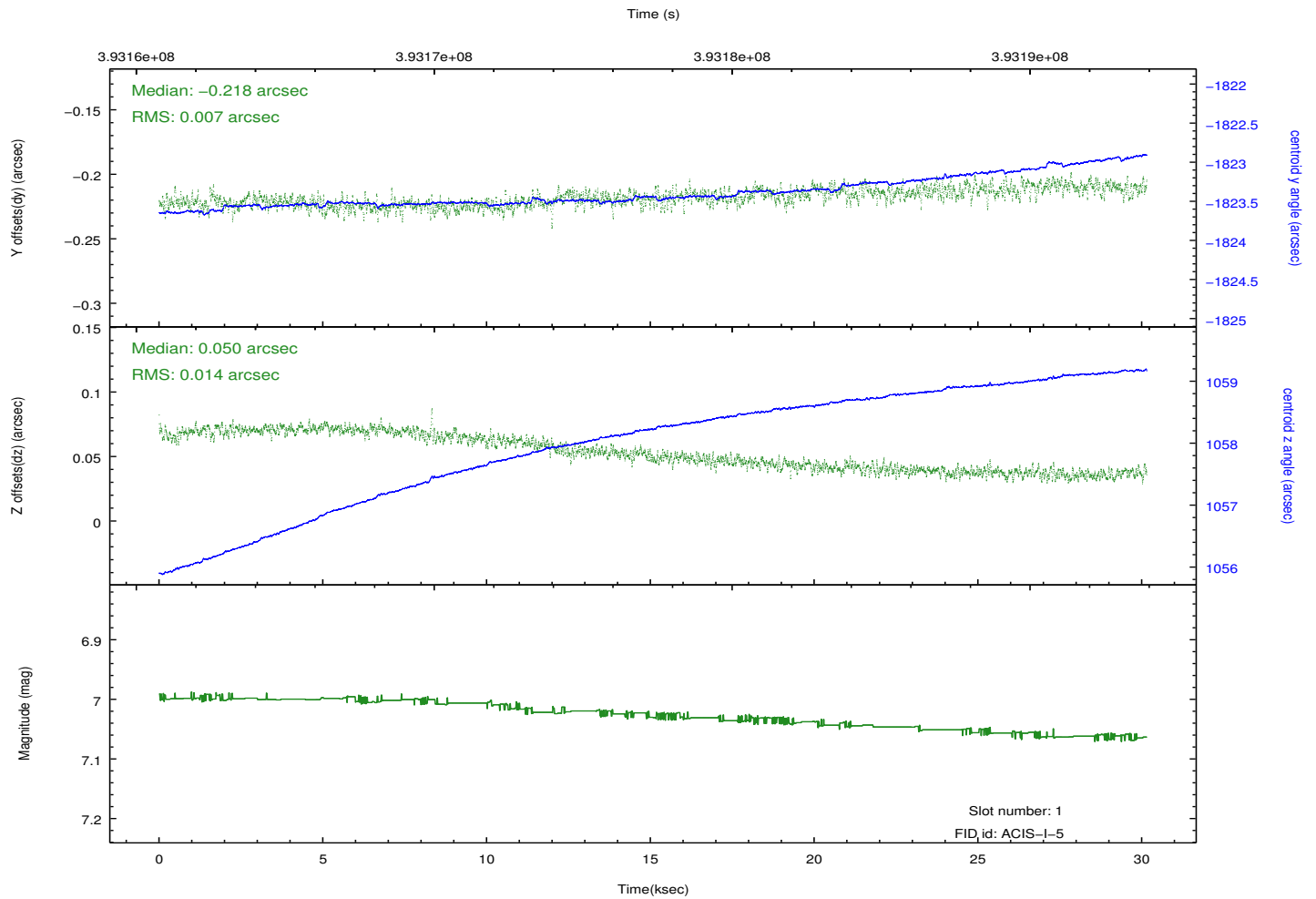
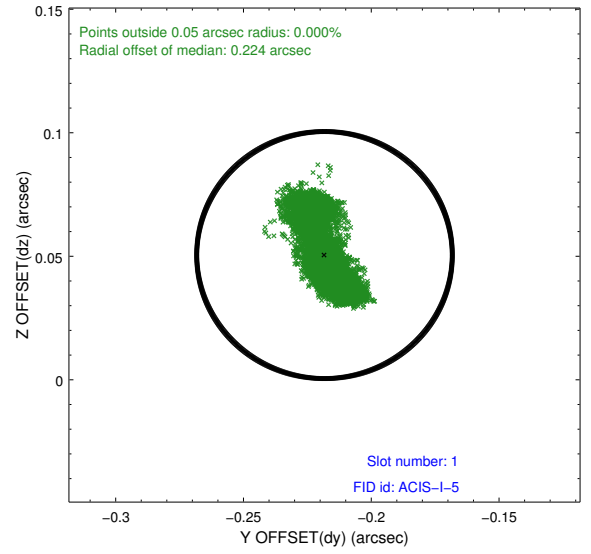
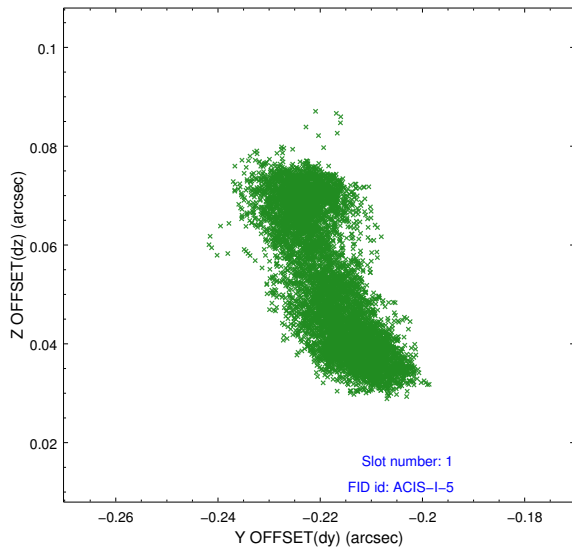


2.5 FID Slots

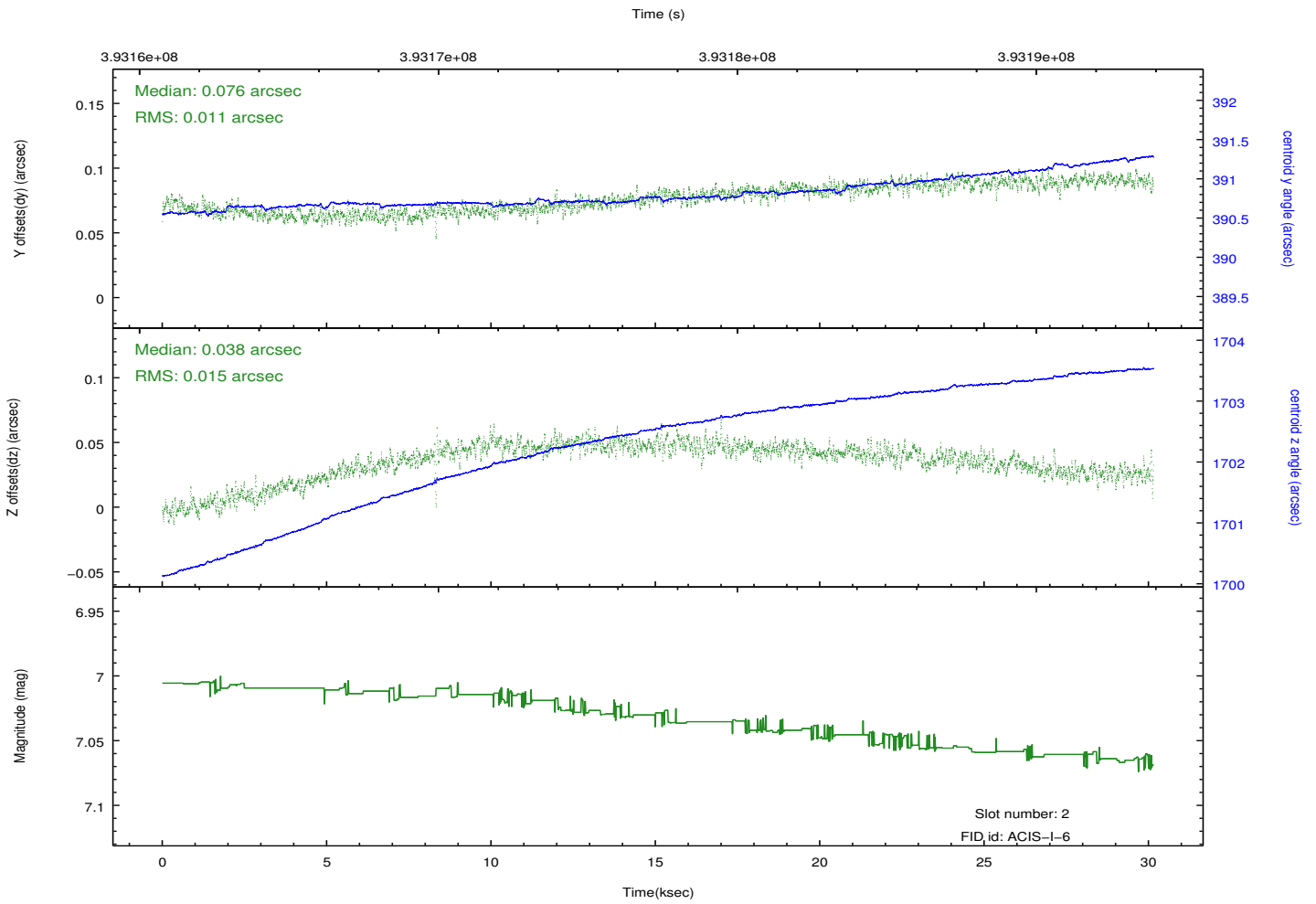
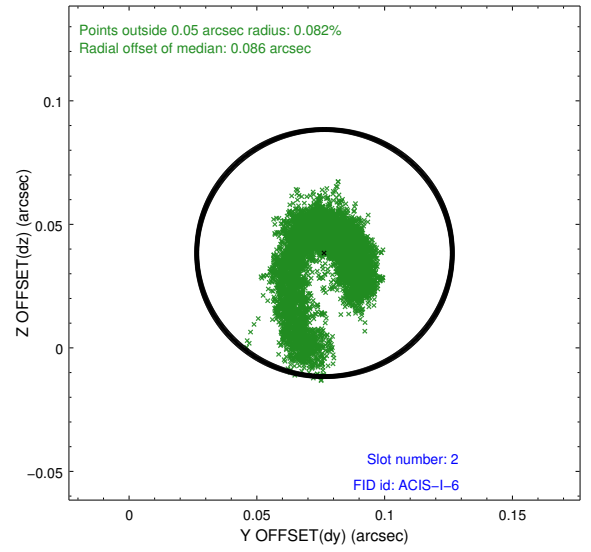
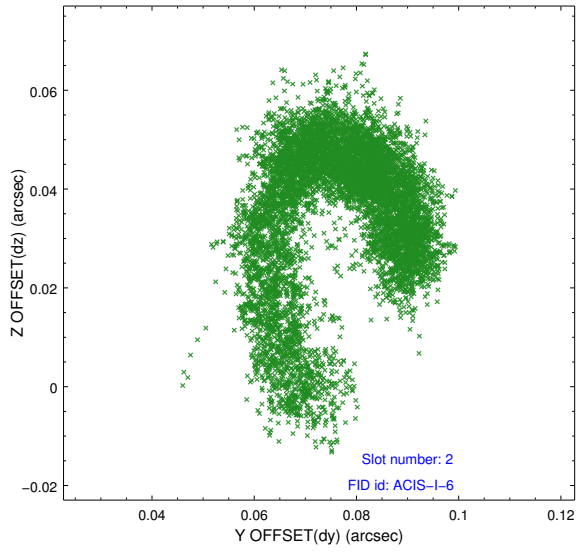
2.5.1 Slot 0



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)	2012.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.044717897415

A.2 Comments