

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16517 - L2 Version 1
Chandra X-Ray Center

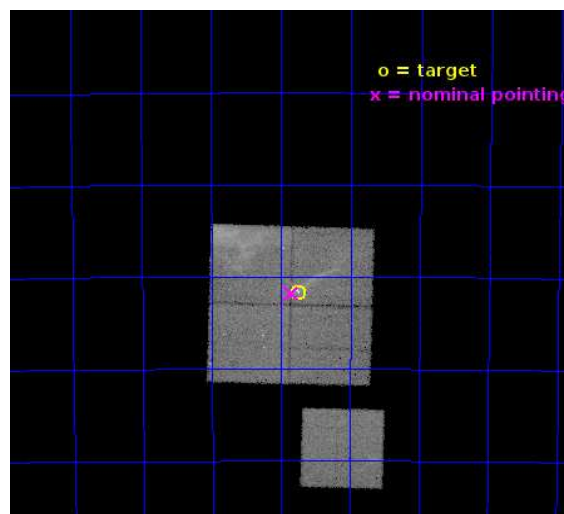
L2 Processing Date : Sep 6 2014

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

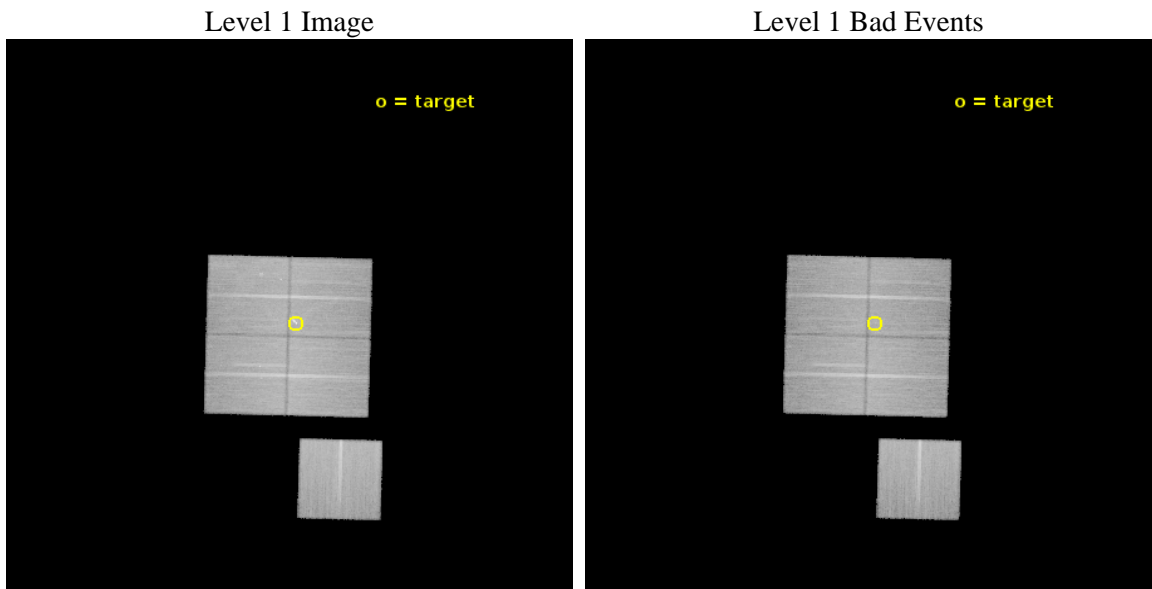
seq_num	502240	Sequence number
obs_id	16517	Observation id
title	DEEP STUDY OF THE 20PC-LONG PRECESSING JET IN IGR J11014-6103	Prop
observer	Dr Lucia Pavan	Principal investigator
object	IGR J11014-6103	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	165.4375	Observer's specified target RA [deg]
dec_targ	-61.027667	Observer's specified target Dec [deg]
ra_nom	165.46278741344	Nominal RA [deg]
dec_nom	-61.029856452427	Nominal Dec [deg]
roll_nom	181.54166107628	Nominal Roll [deg]
revision	1	Processing version of data
ontime	52718.559435129	Sum of GTIs [s]
livetime	52029.75264527	Livetime [s]
ontime0	52718.559435129	Sum of GTIs [s]
ontime1	52721.700405478	Sum of GTIs [s]
ontime2	52721.700405478	Sum of GTIs [s]
ontime3	52718.559435129	Sum of GTIs [s]
ontime6	52721.700405478	Sum of GTIs [s]
l2events	193903	Number of level 2 events



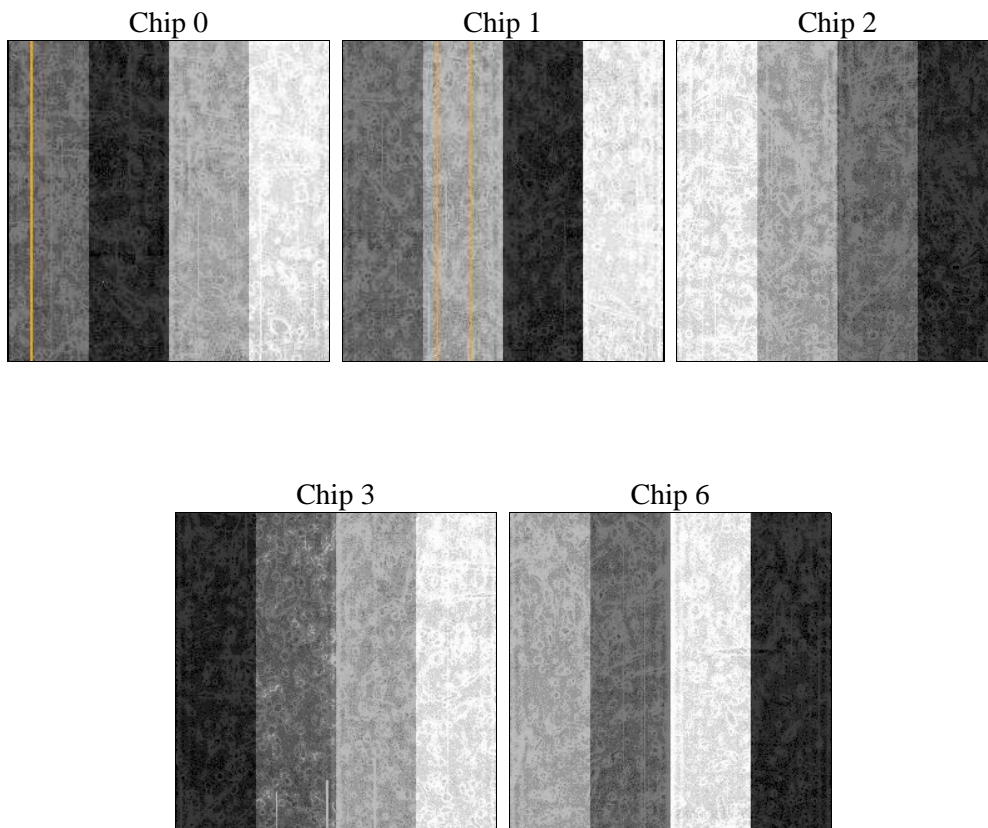
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	75282.112000	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	52718.559435129	Sum of GTIs [s]
caldsver	4.6.3	 	ontime0	52718.559435129	Sum of GTIs [s]
date	2014-09-06T16:58:03	Date and time of file creation	ontime1	52721.700405478	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	52721.700405478	Sum of GTIs [s]
			ontime3	52718.559435129	Sum of GTIs [s]
			ontime6	52721.700405478	Sum of GTIs [s]
			l1events	1617560	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	306405	317021	336722	322716	334696
rejected events	255864	257438	293984	283151	292973
rejected %	83%	81%	87%	87%	87%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	23298	30067	17382	16726	16385
	7%	9%	5%	5%	4%
grade 1 events	225	211	205	206	144
	0%	0%	0%	0%	0%
grade 2 events	11458	11981	10459	8179	9555
	3%	3%	3%	2%	2%
grade 3 events	4149	4306	3680	3746	3703
	1%	1%	1%	1%	1%
grade 4 events	3953	4340	4033	3658	3700
	1%	1%	1%	1%	1%
grade 5 events	12939	13501	12307	14570	13953
	4%	4%	3%	4%	4%
grade 6 events	7693	8897	7190	7256	8382
	2%	2%	2%	2%	2%
grade 7 events	242690	243718	281466	268375	278874
	79%	76%	83%	83%	83%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	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	165.511225	165.4627874134432	CCD I2 on	Y	Y
[deg] Pointing Dec	-61.015317	-61.02985645242702	CCD I3 on	Y	Y
[deg] Pointing Roll	181.375357	181.5416610762813	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	O1	Y
[mm] SIM translation stage pos	-239.592463	-239.5815621397477	CCD S3 on	N	N
[mm] SIM translation stage offset	6	5.98910913681803	CCD S4 on	N	N
[s] Observation start time (MET)	526326934.184000	526325949.33834	CCD S5 on	N	N
Observation start date	2014-09-05T17:54:27	2014-09-05T17:39:09	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	526402216.184000	526380878.57889	On-chip summing requested	N	N
Observation end date	2014-09-06T14:49:09	2014-09-06T08:54:38	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

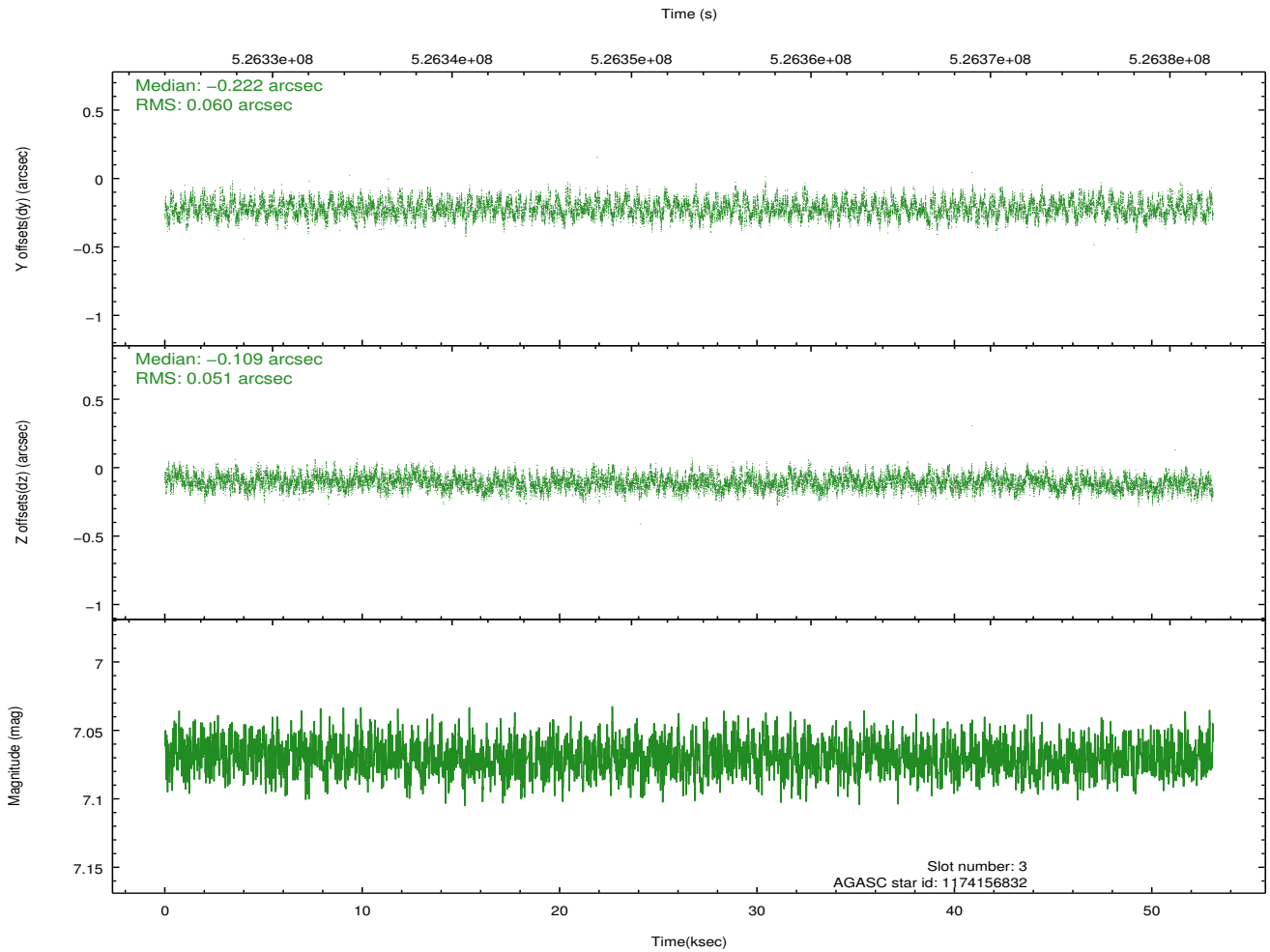
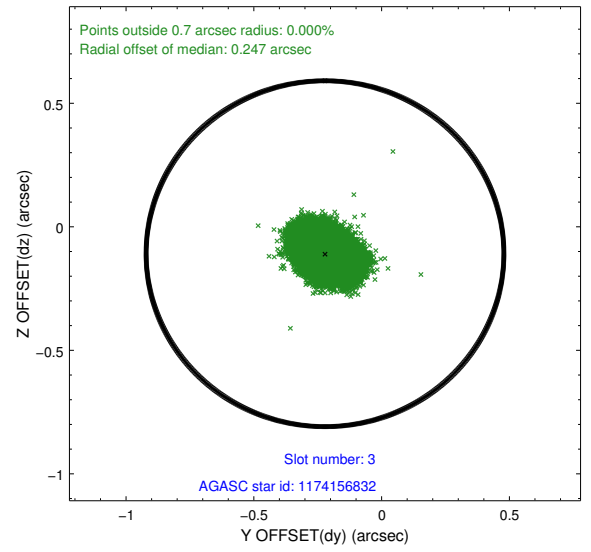
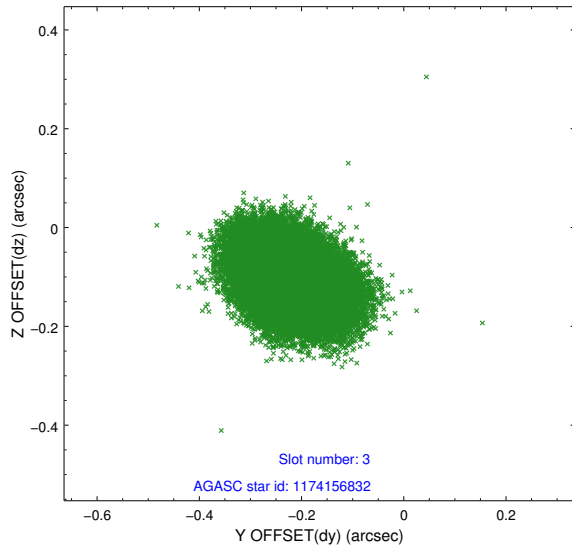
2.3 Aspect

Slot Statistics

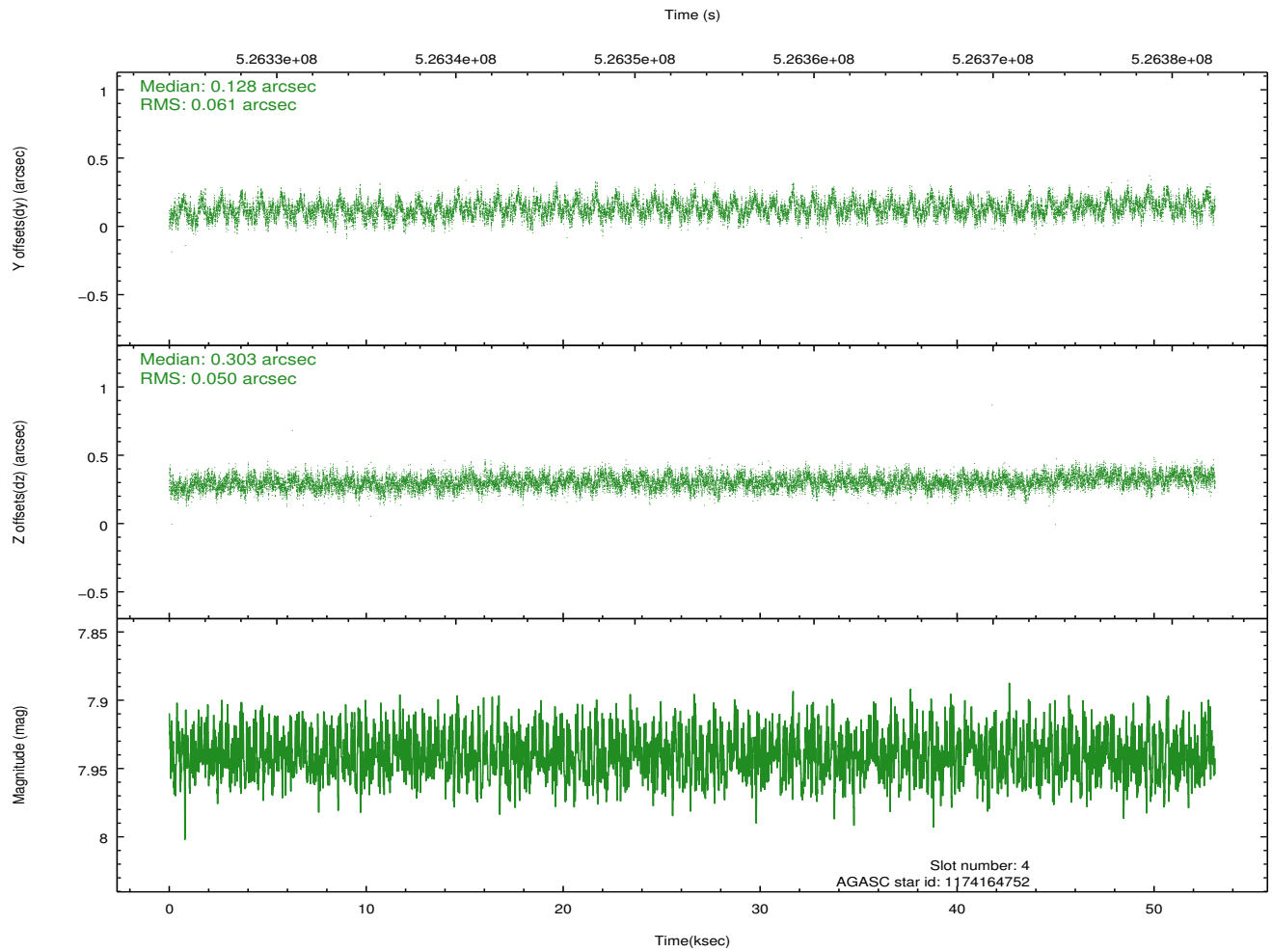
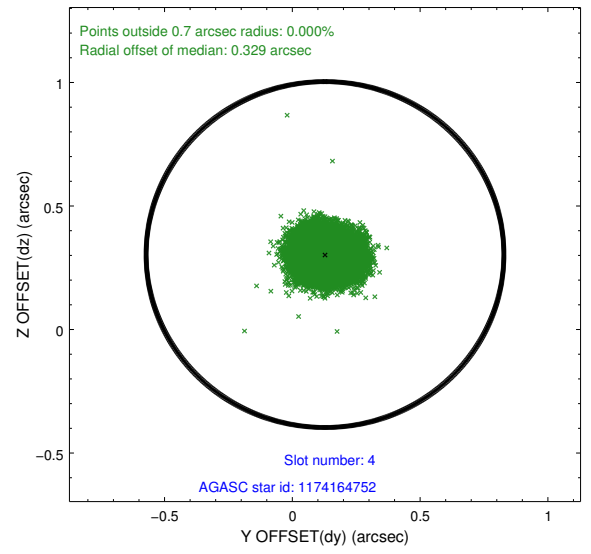
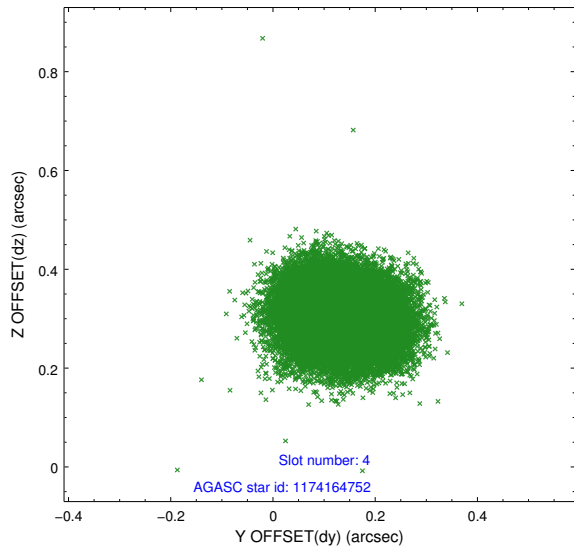
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-4	7.06	12950	0.310	0.010	0.013	0.035	0.000000	0.000000	2134.69	1176.45
1	FID	ACIS-I-5	7.06	12951	-0.373	0.019	0.012	0.025	0.000000	0.000000	-1834.33	1174.93
2	FID	ACIS-I-6	7.05	12949	-0.036	0.037	0.015	0.059	0.000000	0.000000	379.60	1819.31
3	GUIDE	1174156832	7.07	25835	-0.222	-0.109	0.085	0.134	166.121036	-61.488309	-1006.55	1732.38
4	GUIDE	1174164752	7.94	25894	0.128	0.303	0.085	0.135	166.202600	-60.663321	-1248.82	-1230.81
5	GUIDE	1174165072	6.66	25901	0.030	-0.394	0.100	0.155	164.808363	-61.320739	1240.56	1076.49
6	GUIDE	1174174824	7.35	25883	-0.000	-0.006	0.068	0.108	164.692322	-60.862830	1422.39	-573.89
7	GUIDE	1174176520	8.20	25891	0.061	0.210	0.089	0.145	165.139831	-60.368695	605.79	-2340.74

2.4 Star Slots

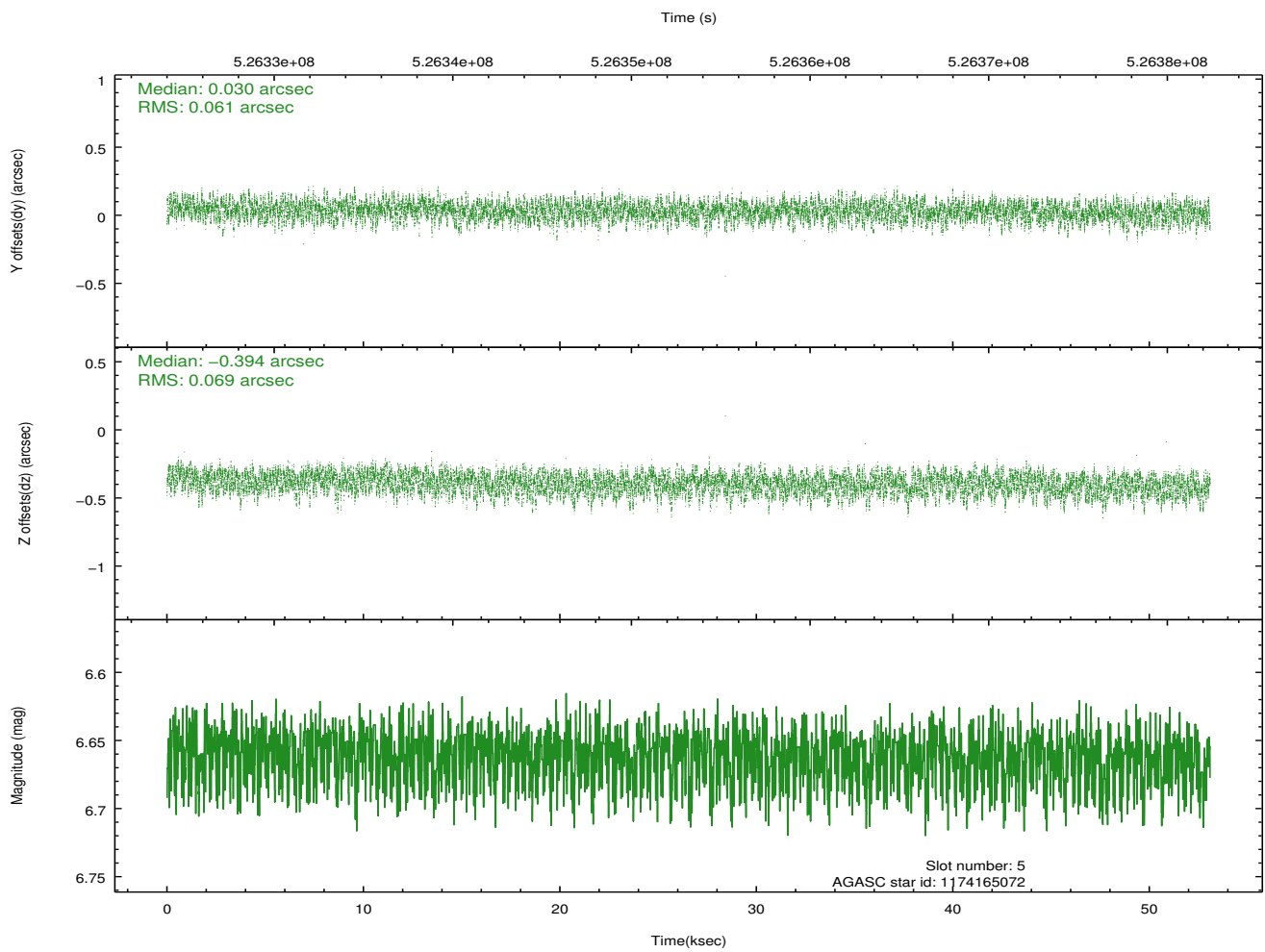
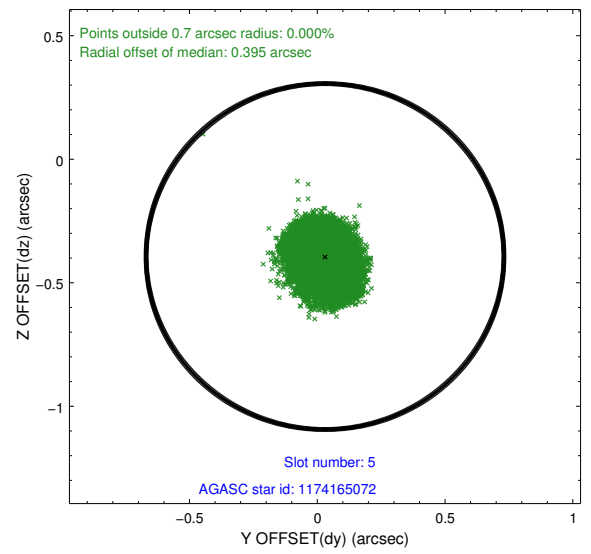
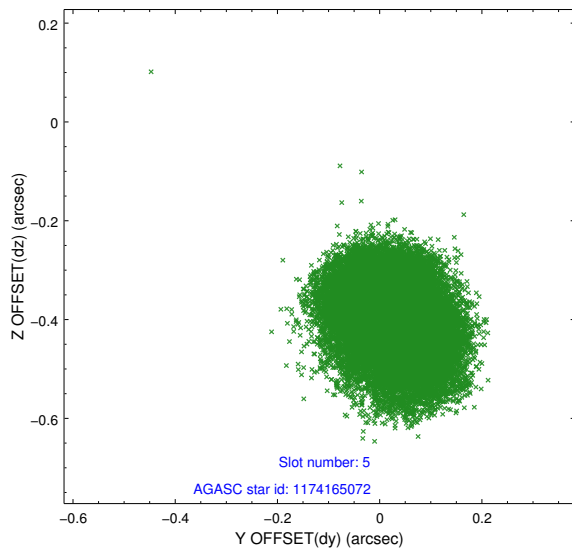
2.4.1 Slot 3



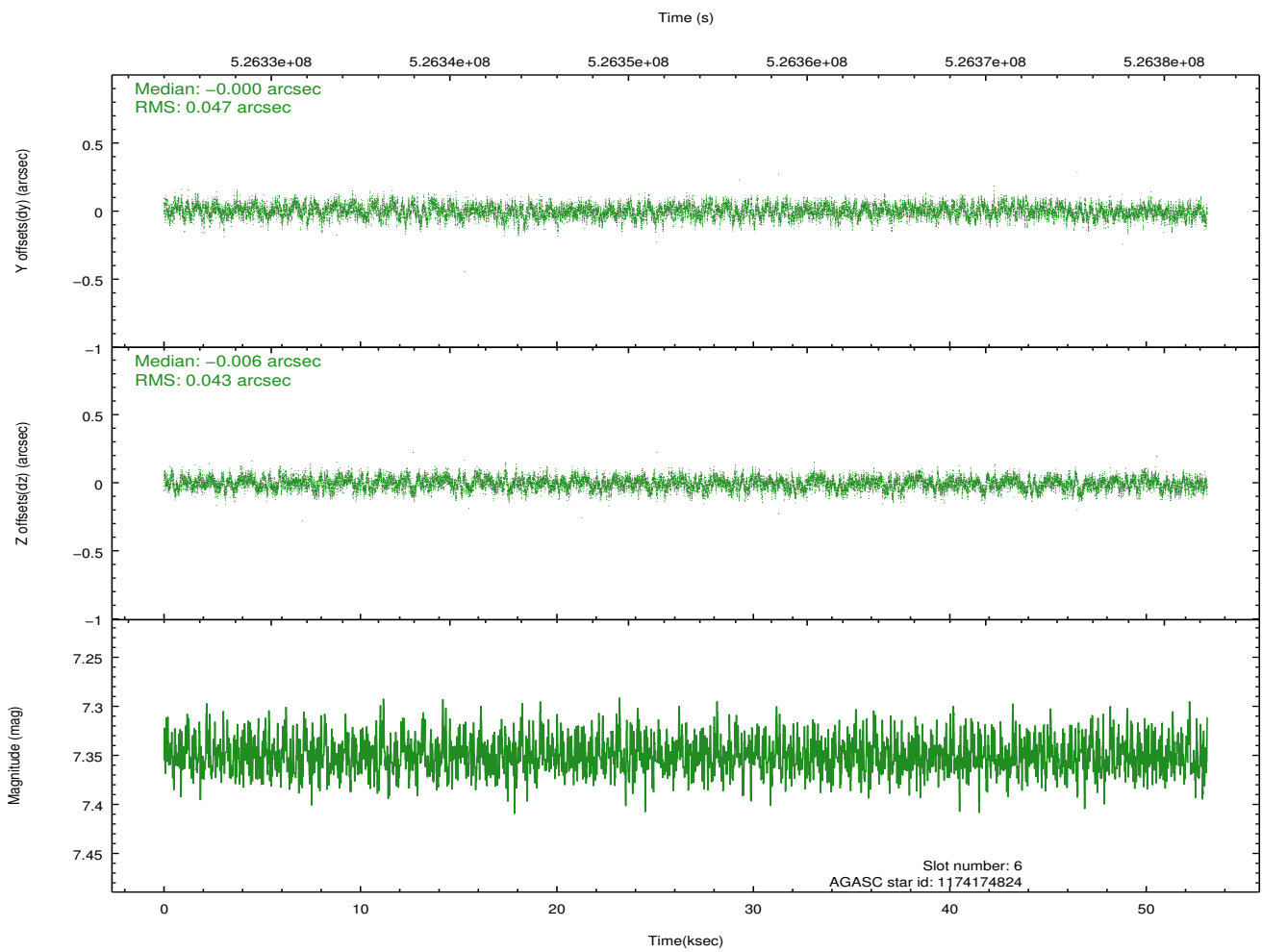
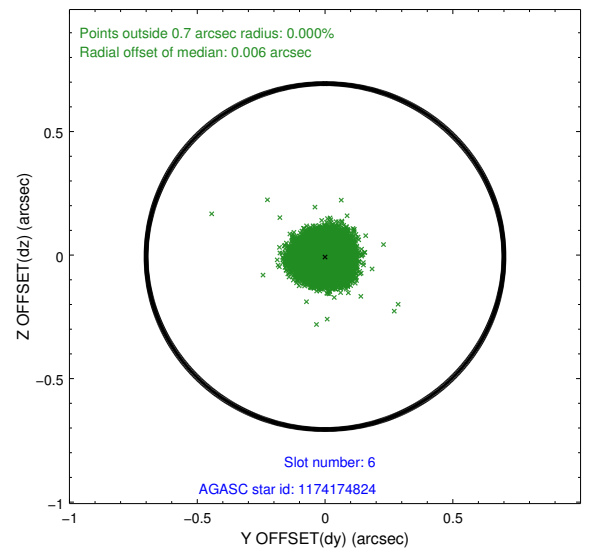
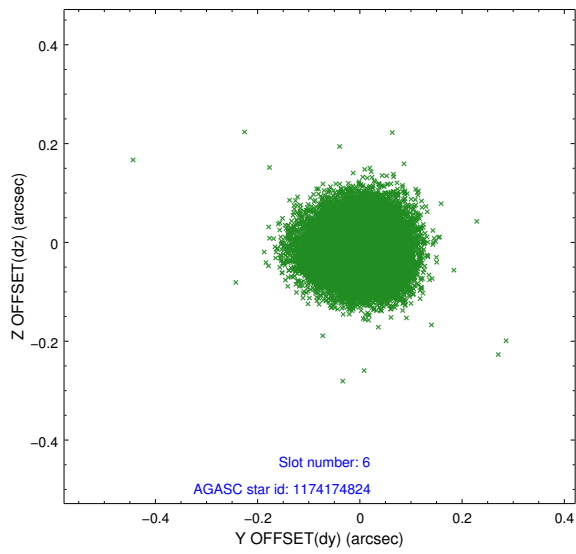
2.4.2 Slot 4



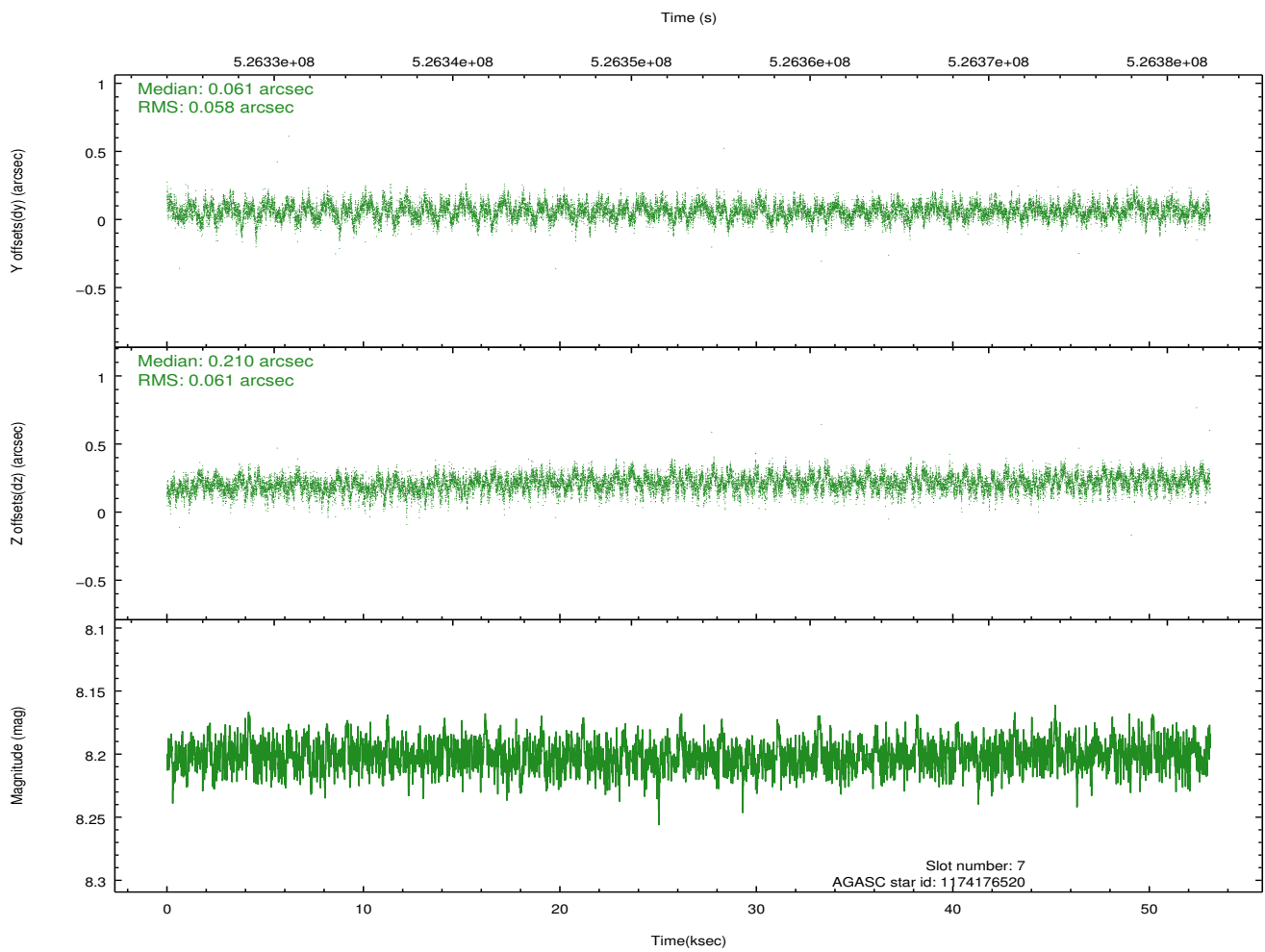
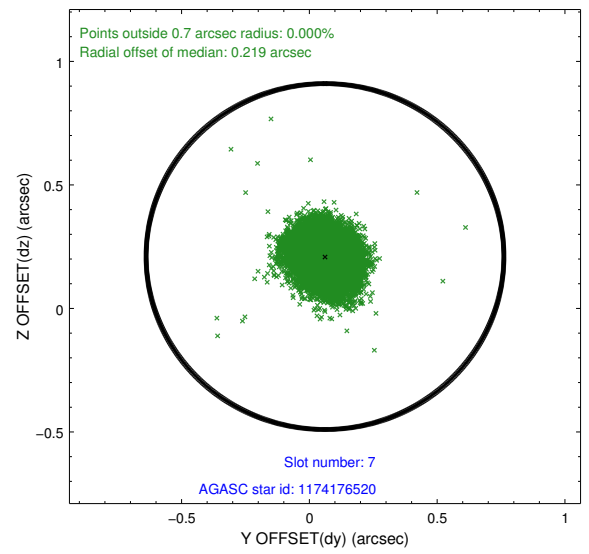
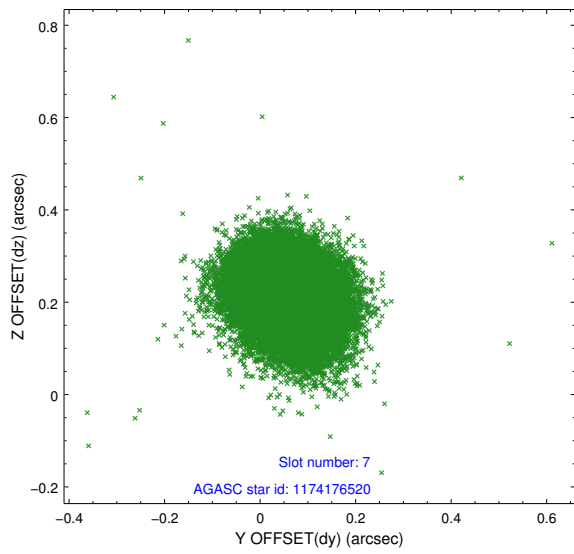
2.4.3 Slot 5



2.4.4 Slot 6

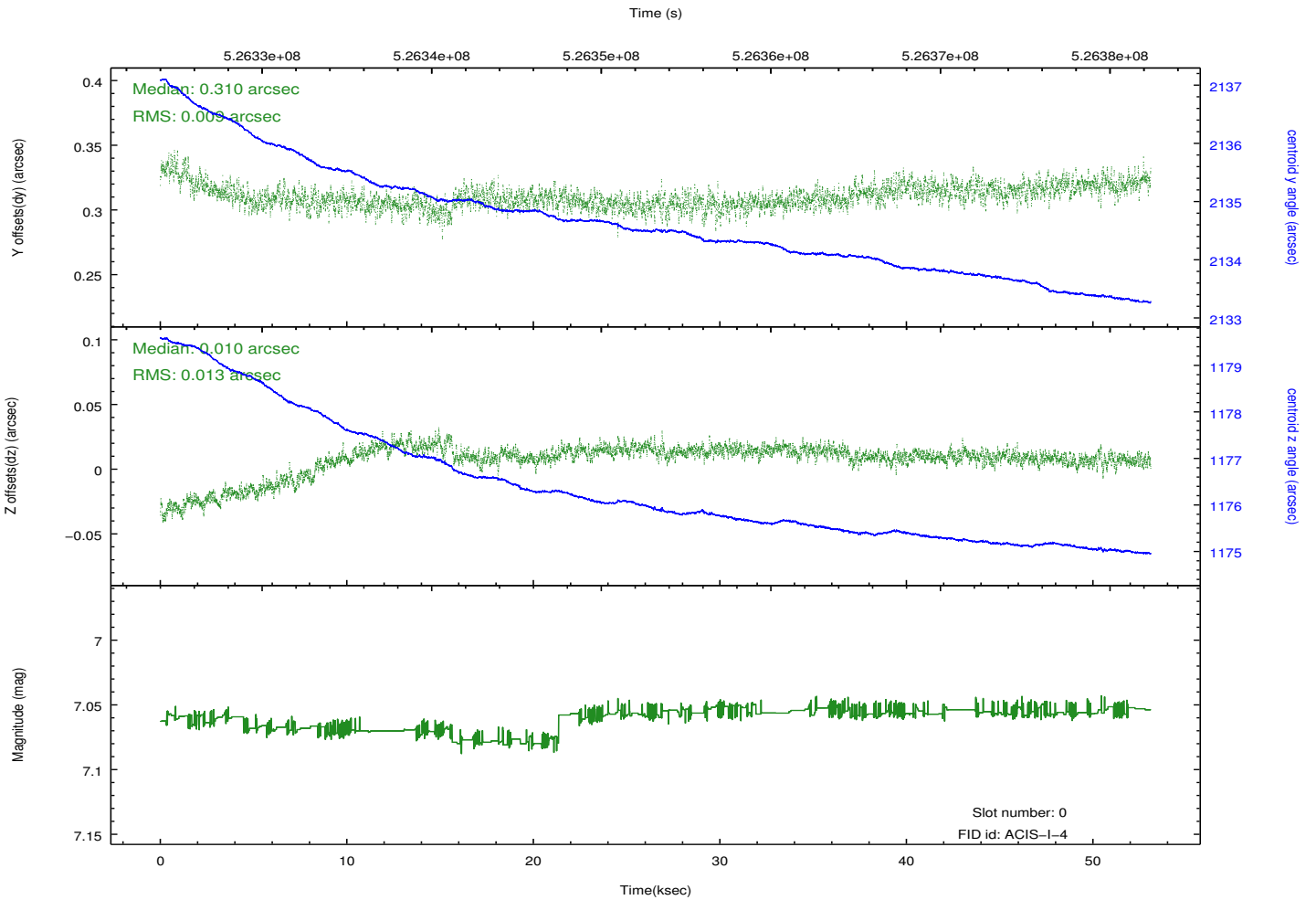
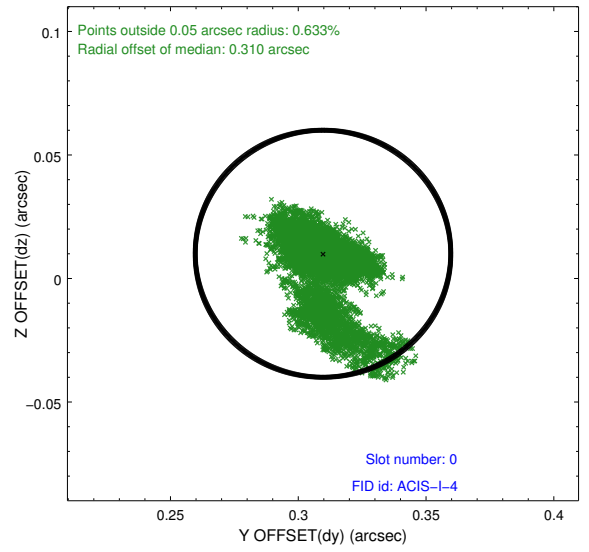
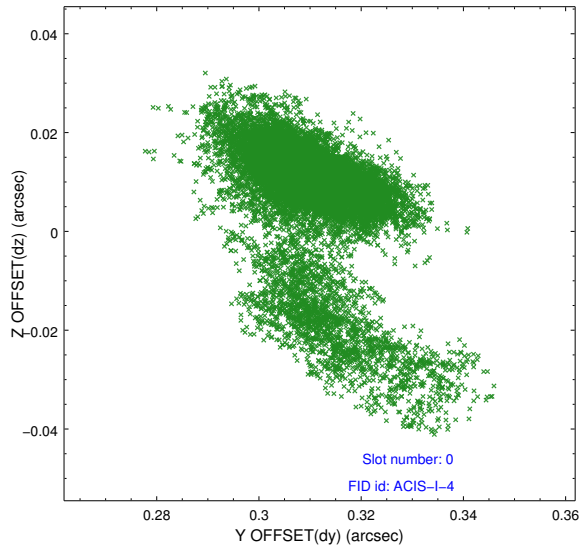


2.4.5 Slot 7

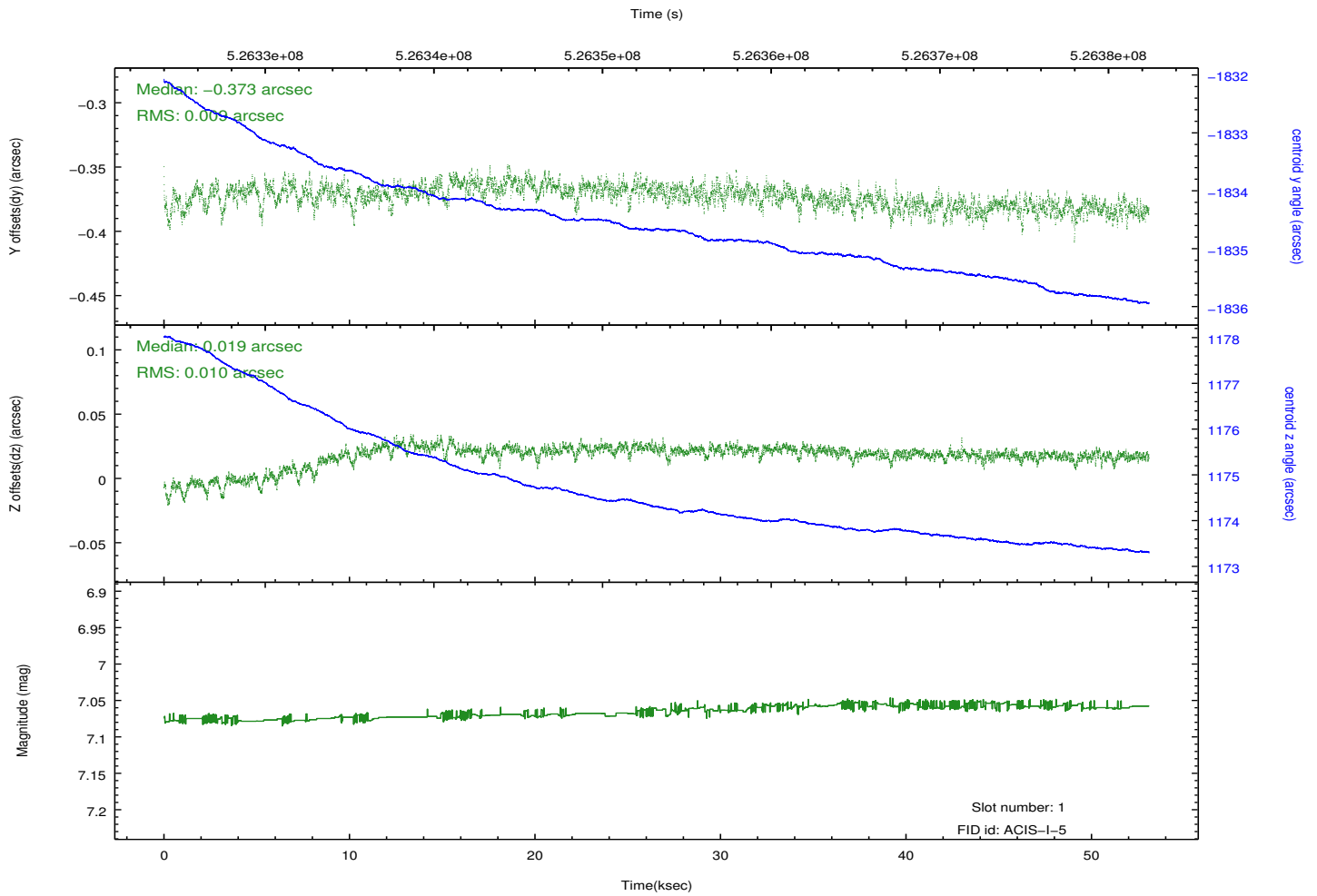
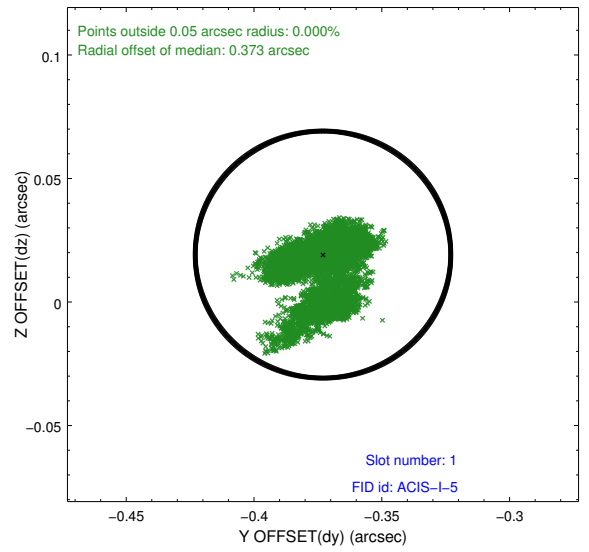
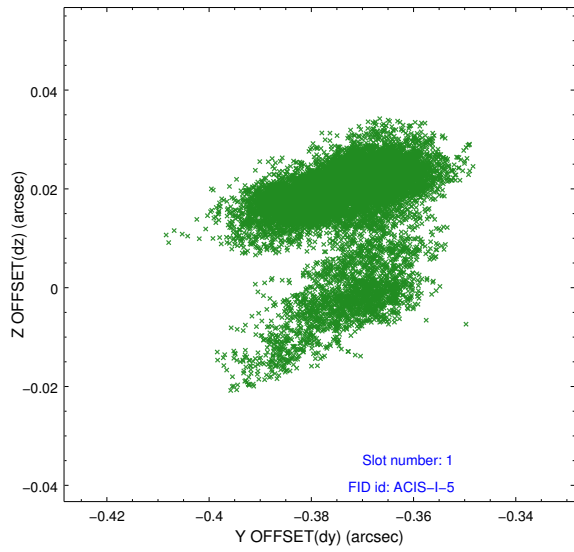


2.5 FID Slots

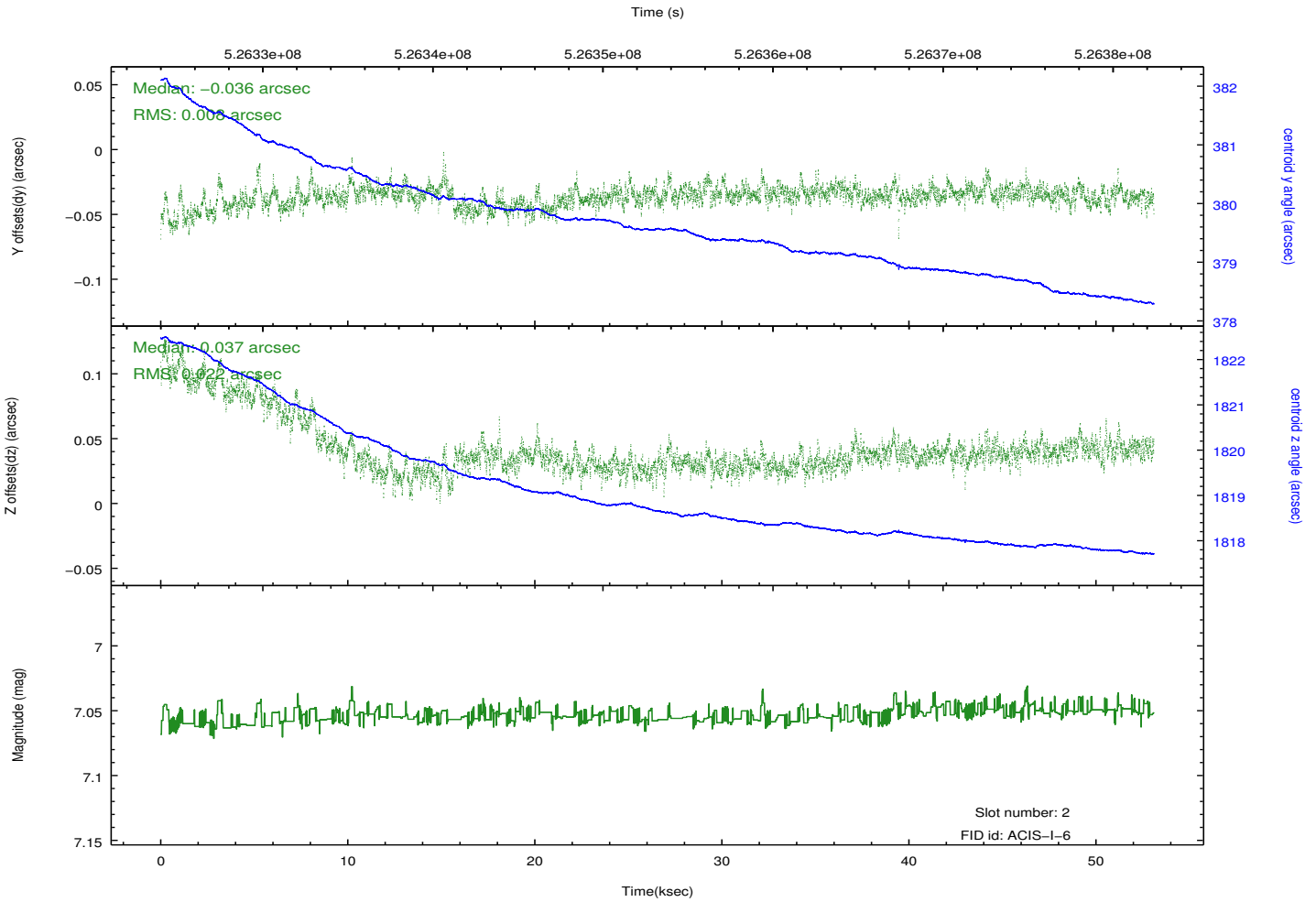
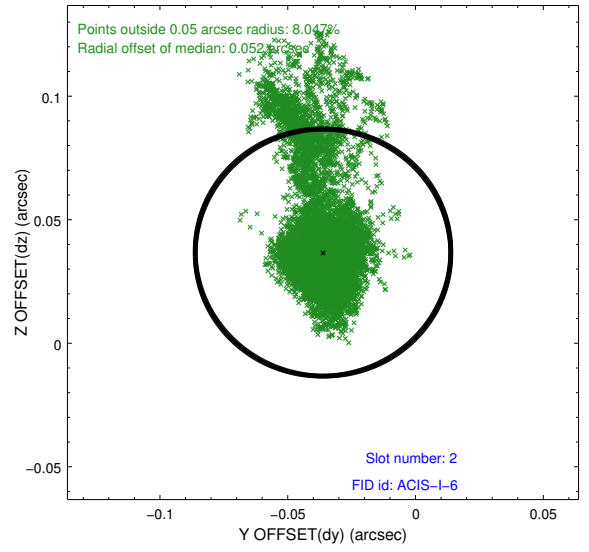
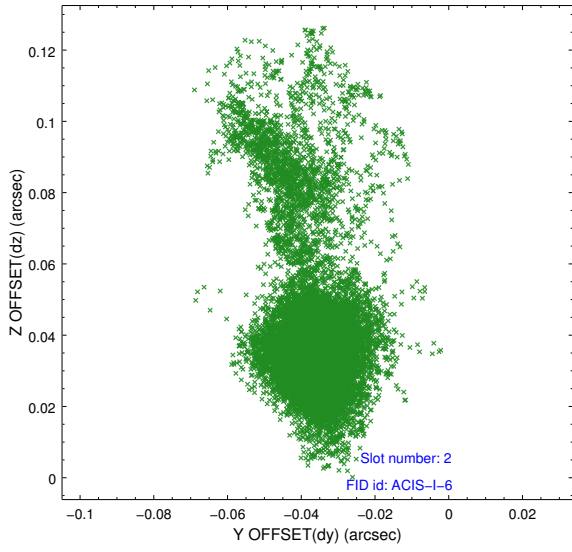
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.09.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	52.718559435129

A.2 Comments

This obsid was truncated when a T00 load was implemented.