

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 18168 - L2 Version 1
Chandra X-Ray Center

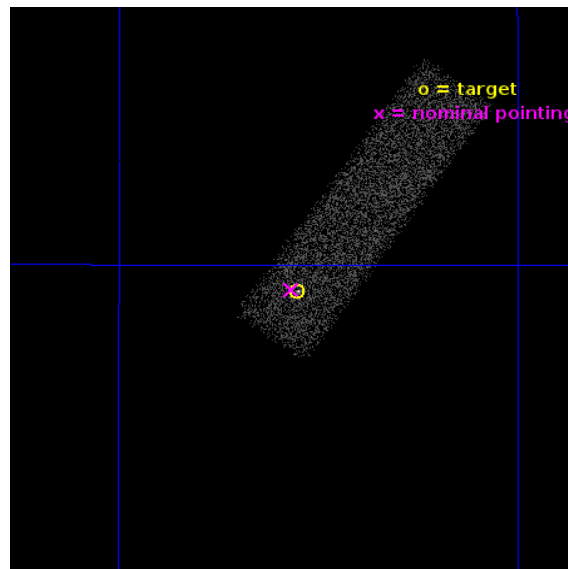
L2 Processing Date : Mar 8 2016

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1 Front

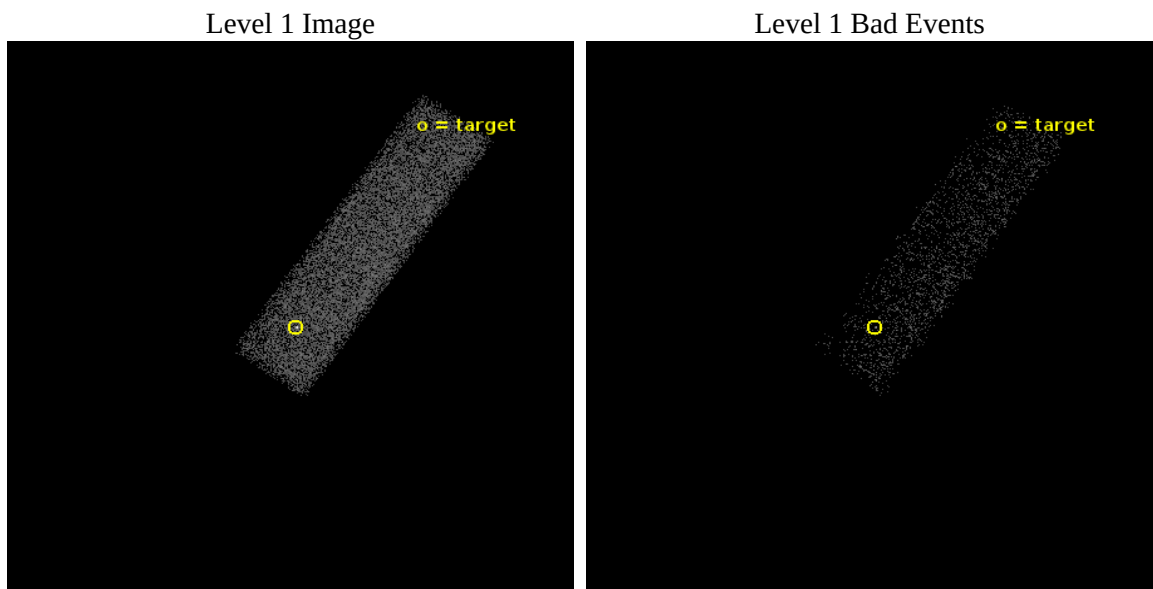
seq_num	703233	Sequence number
obs_id	18168	Observation id
title	Chandra Legacy Survey of Merger Driven AGN Activation in Nearby X-ray Selected AGN	Proposal title
observer	Dr Michael Koss	Principal investigator
object	V Zw 232 Notes 02	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	35.887917	Observer's specified target RA [deg]
dec_targ	45.821194	Observer's specified target Dec [deg]
ra_nom	35.89166384636	Nominal RA [deg]
dec_nom	45.821986177085	Nominal Dec [deg]
roll_nom	305.20279063507	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10060.468050241	Sum of GTIs [s]
livetime	9569.5501286422	Livetime [s]
ontime7	10060.468050241	Sum of GTIs [s]
l2events	10802	Number of level 2 events



2 OBI

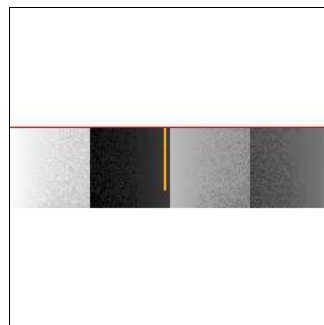
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3.1	Processing system revision	ontime	10060.468050241	Sum of GTIs [s]
caldsver	4.7.0	 	ontime7	10060.468050241	Sum of GTIs [s]
date	2016-03-09T02:14:40	Date and time of file creation	l1events	22338	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

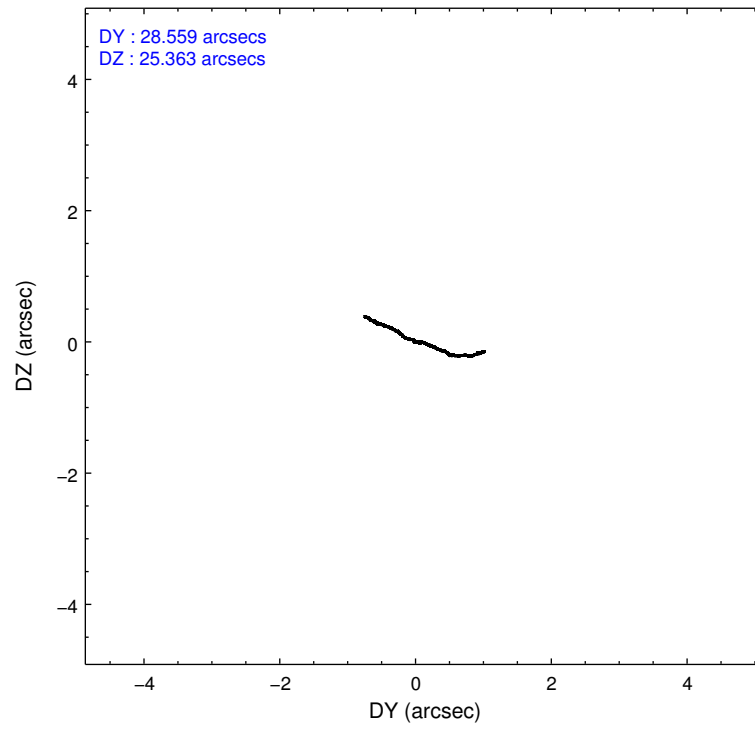
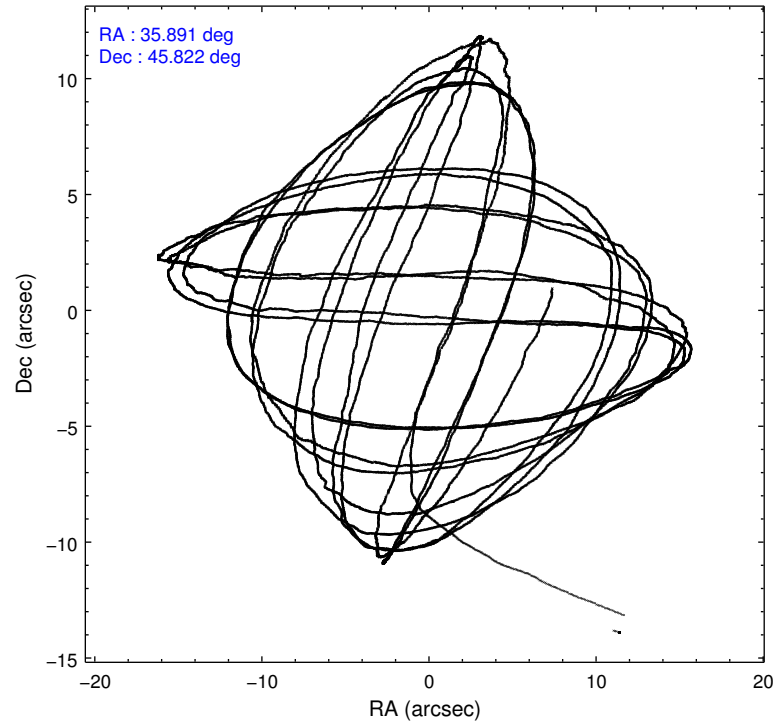
	ccd 7
level 1 events	22338
rejected events	11182
rejected %	50%

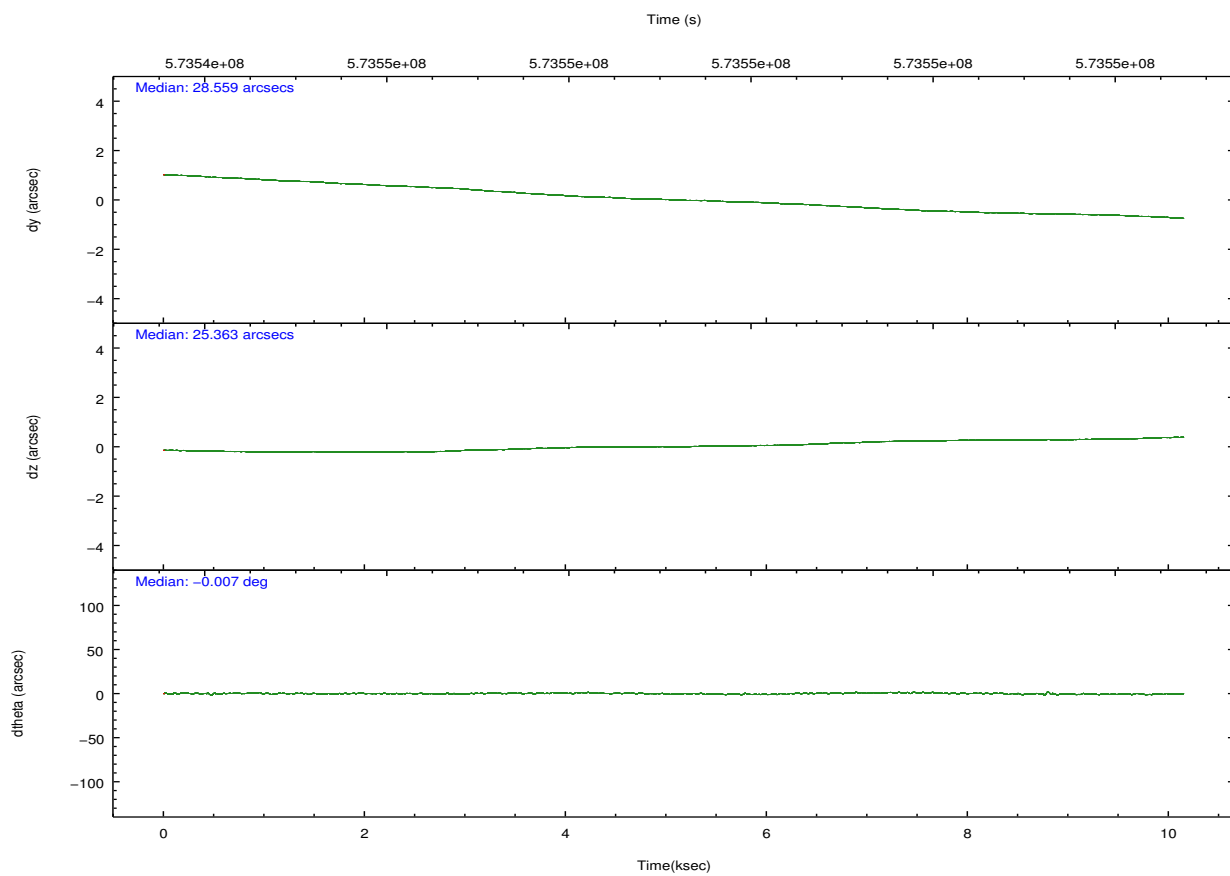
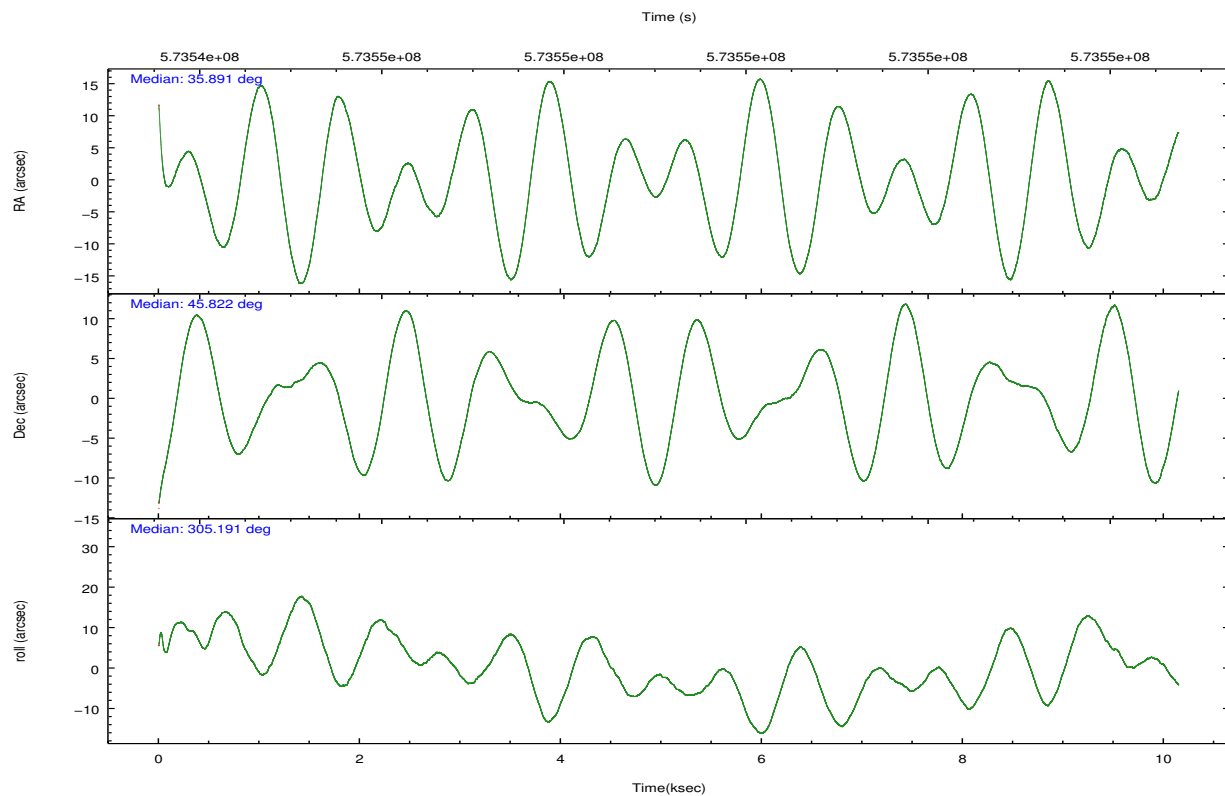
	ccd 7
grade 0 events	1159
	5%
grade 1 events	43
	0%
grade 2 events	2309
	10%
grade 3 events	1245
	5%
grade 4 events	1244
	5%
grade 5 events	2253
	10%
grade 6 events	5205
	23%
grade 7 events	8880
	39%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	35.855672	35.89166384635998	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	45.833168	45.82198617708534	Subarray start row	385	385
[deg] Pointing Roll	305.071963	305.2027906350702	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	573544218.184000	573543066.64088			
Observation start date	2016-03-05T05:49:10	2016-03-05T05:31:06			
[s] Observation end time (MET)	573554218.184000	573554574.31654			
Observation end date	2016-03-05T08:35:50	2016-03-05T08:42:54			
Read mode	TIMED	TIMED			

2.3 Aspect



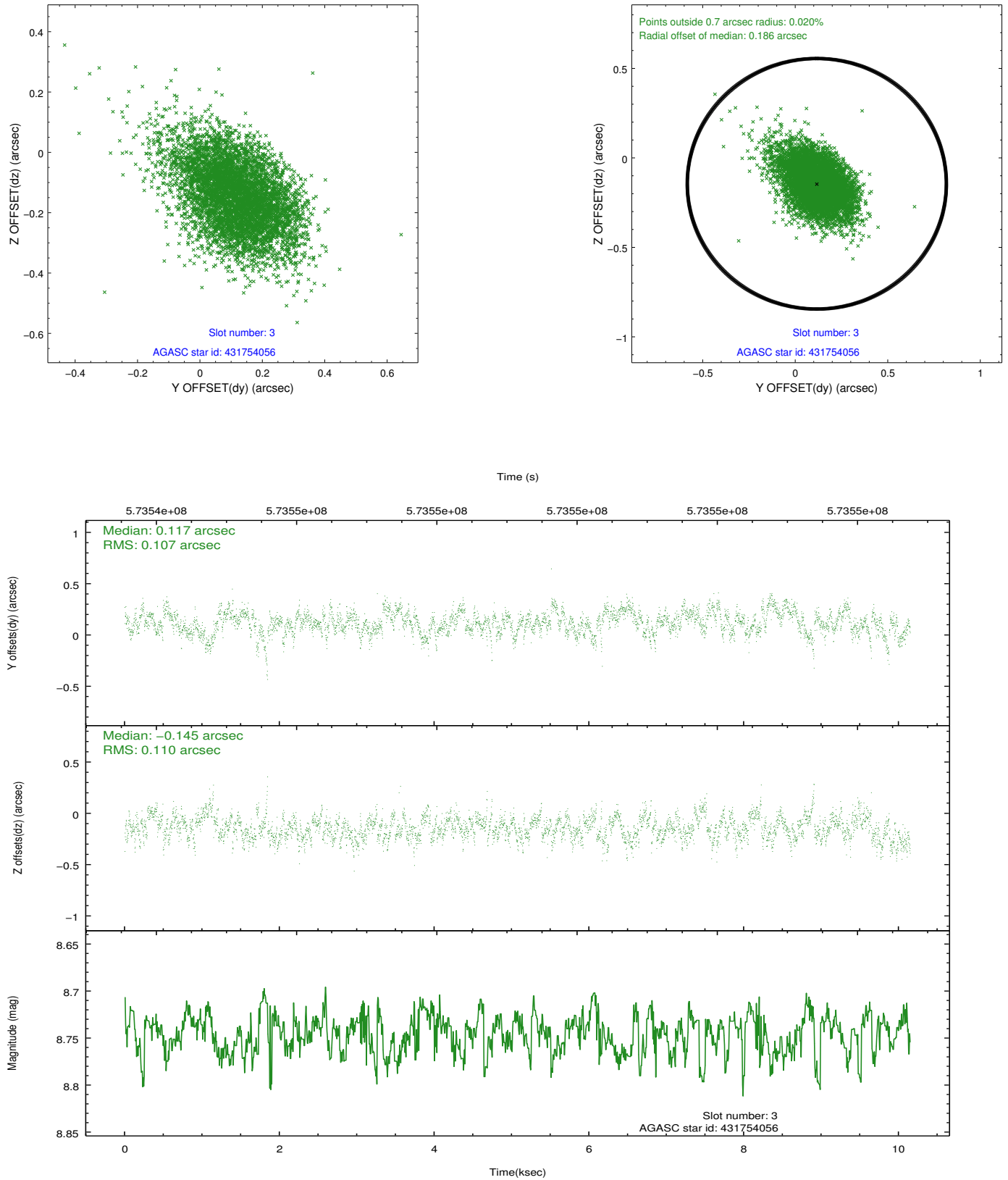


Slot Statistics

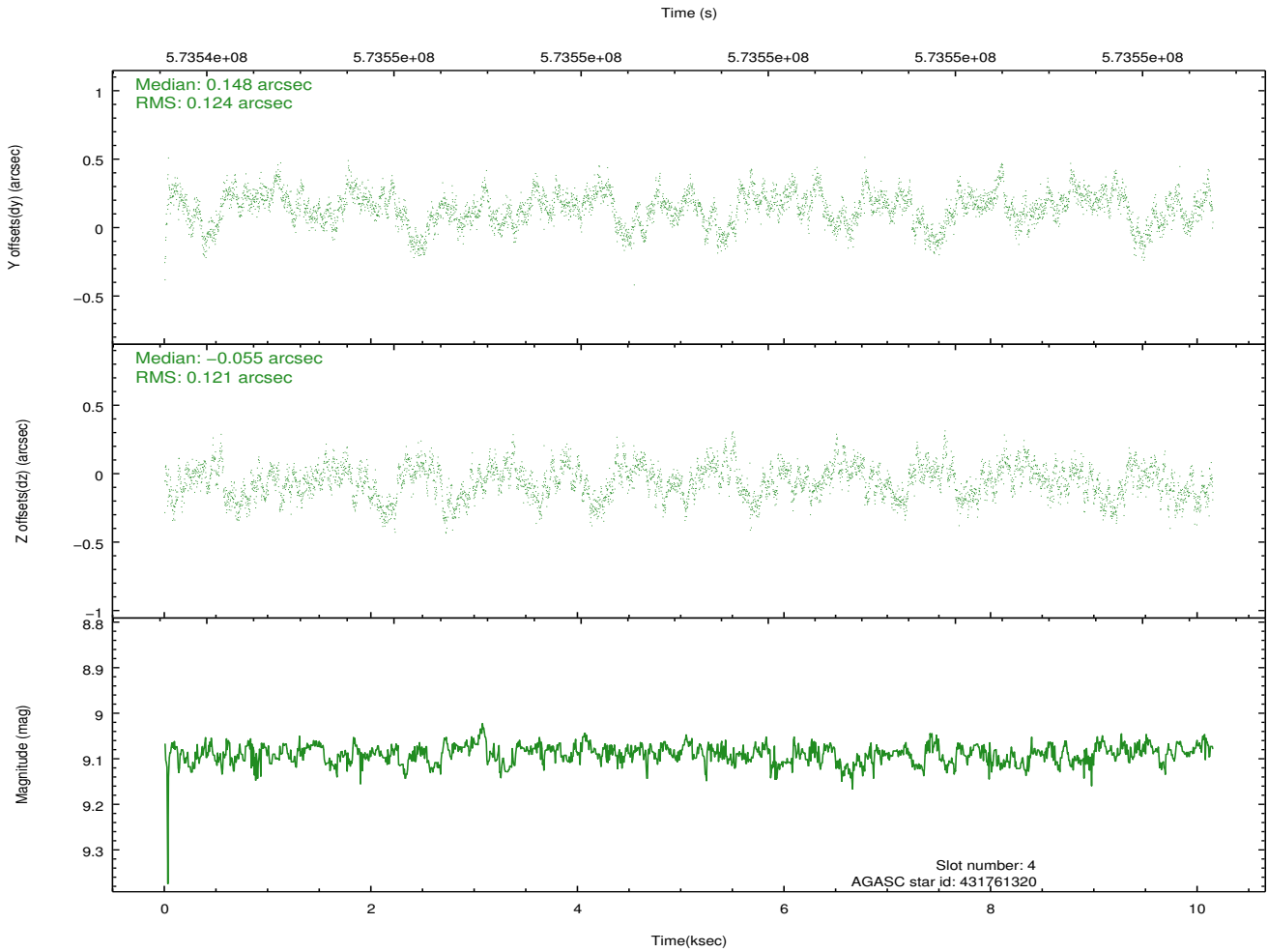
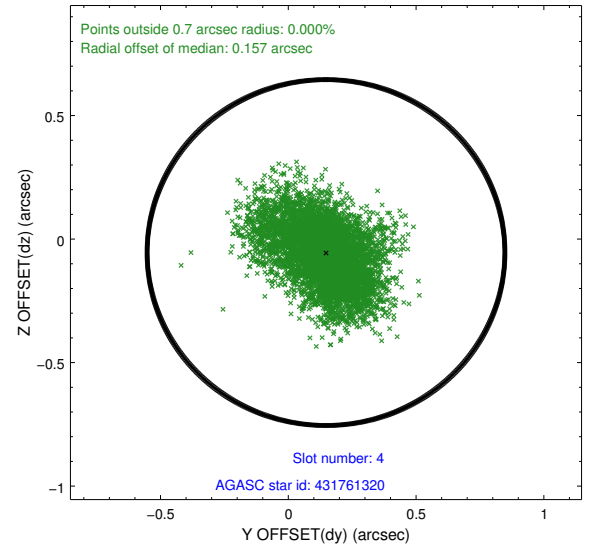
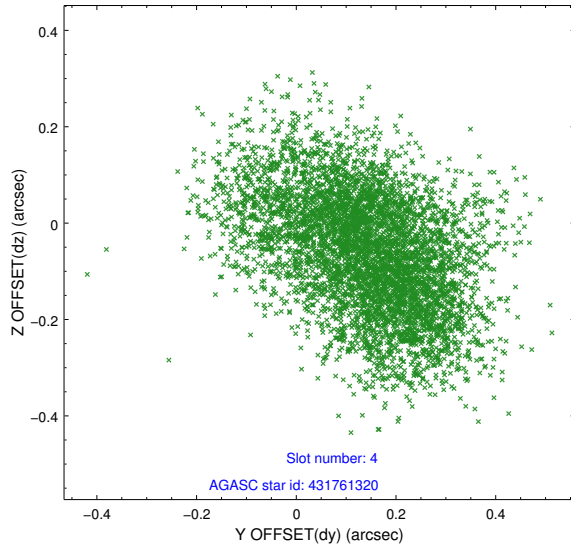
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.11	2476	-0.396	-0.126	0.035	0.052	0.000000	0.000000	-782.25	-1747.22
1	FID		ACIS-S-4	7.21	2476	0.816	0.224	0.027	0.050	0.000000	0.000000	2131.88	161.22
2	FID		ACIS-S-5	7.25	2476	-0.451	-0.092	0.023	0.032	0.000000	0.000000	-1834.60	154.96
3	GUIDE	used	431754056	8.74	4947	0.117	-0.145	0.159	0.268	35.469717	45.108220	1571.36	-2300.37
4	GUIDE	used	431761320	9.09	4943	0.148	-0.055	0.186	0.298	35.689136	45.509596	712.43	-1012.99
5	GUIDE	used	431762936	8.13	4945	-0.213	-0.183	0.152	0.229	36.358227	45.928894	438.21	1230.60
6	GUIDE	used	431766560	7.95	4950	-0.168	-0.078	0.104	0.161	35.818471	46.139909	-957.12	558.92
7	GUIDE	used	431768944	8.88	4944	0.121	0.458	0.145	0.237	35.304506	46.001997	-1292.02	-775.24

2.4 Star Slots

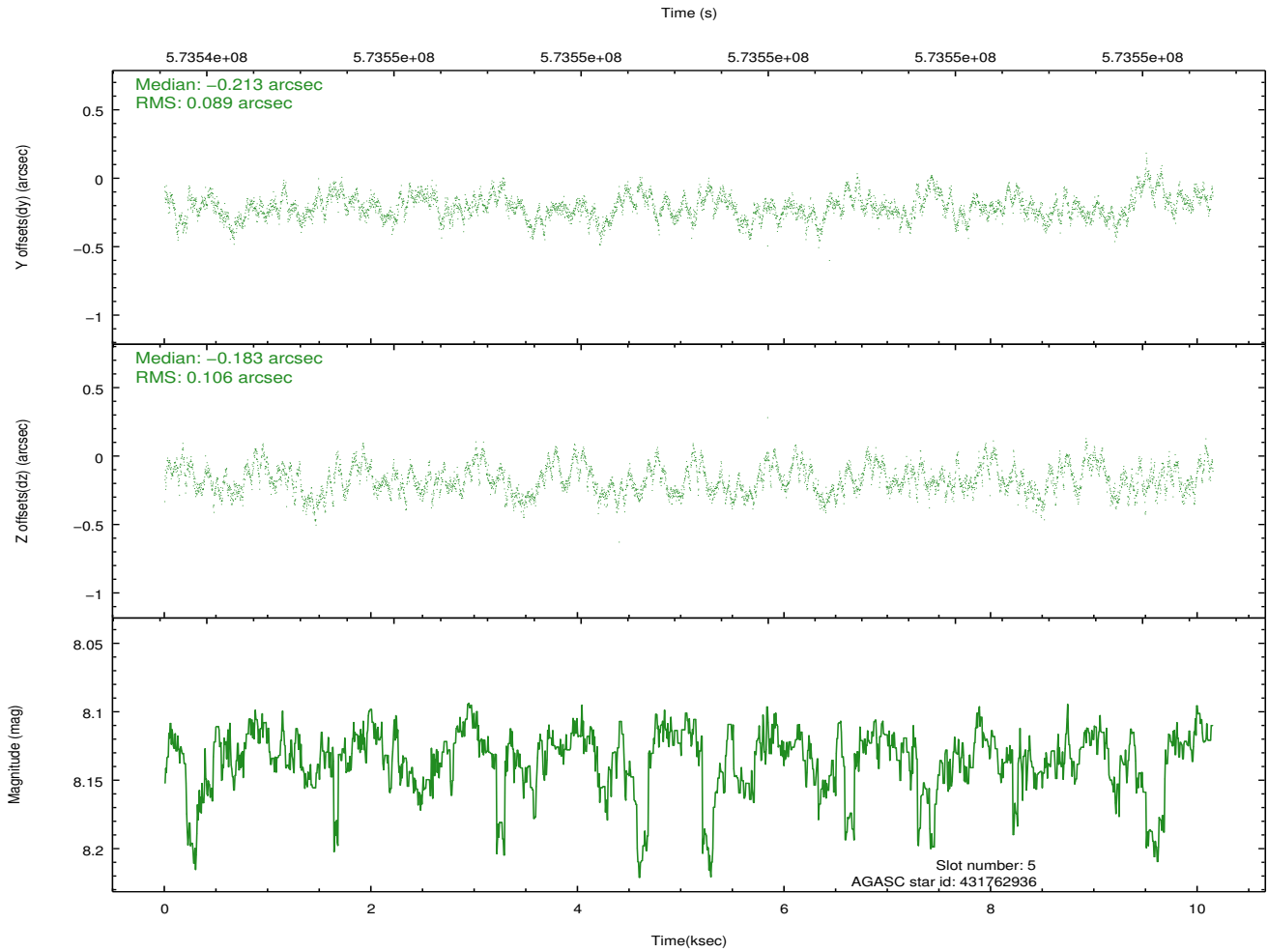
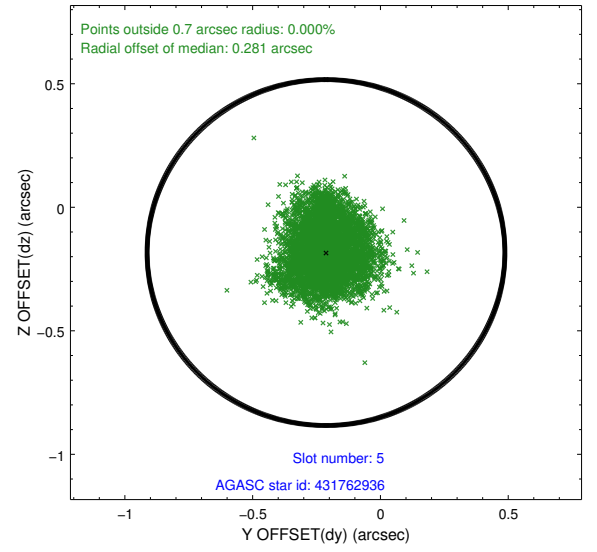
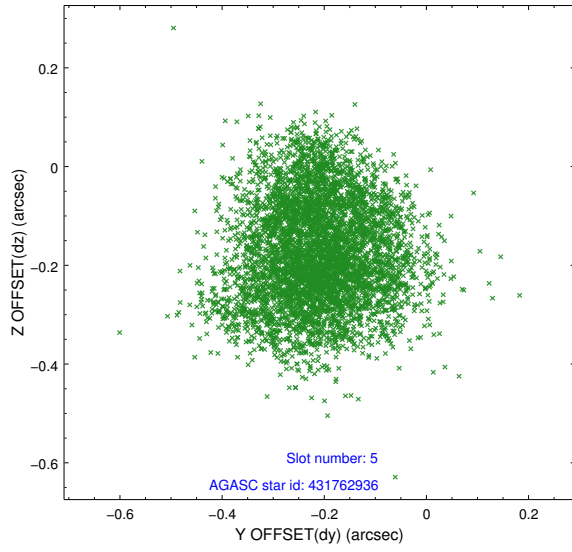
2.4.1 Slot 3



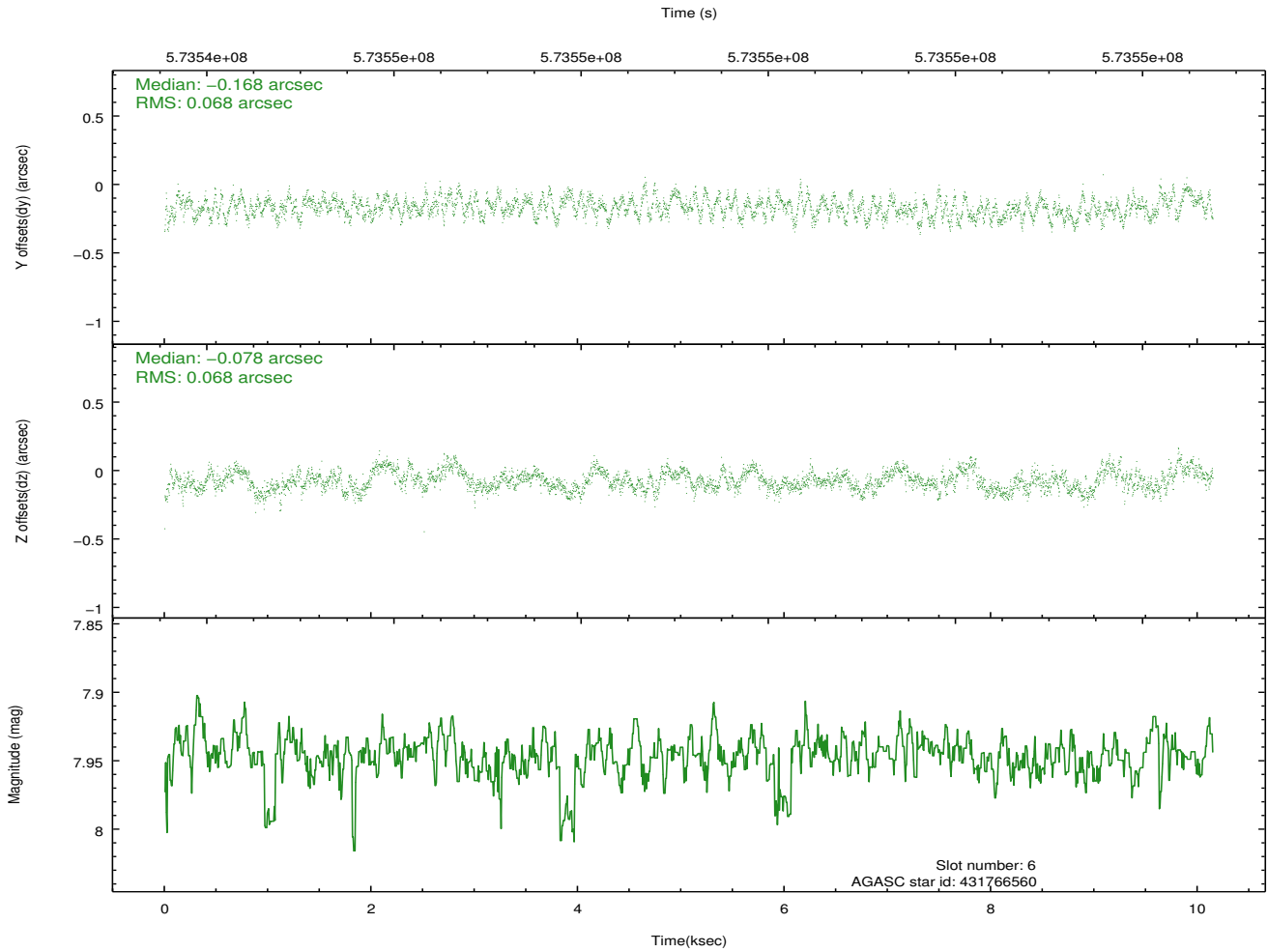
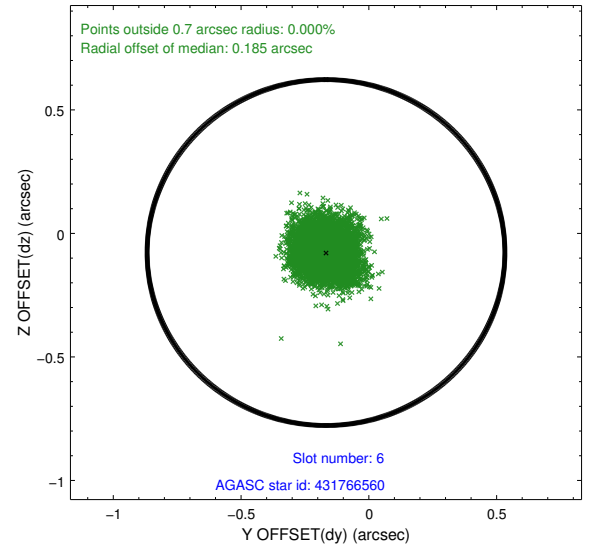
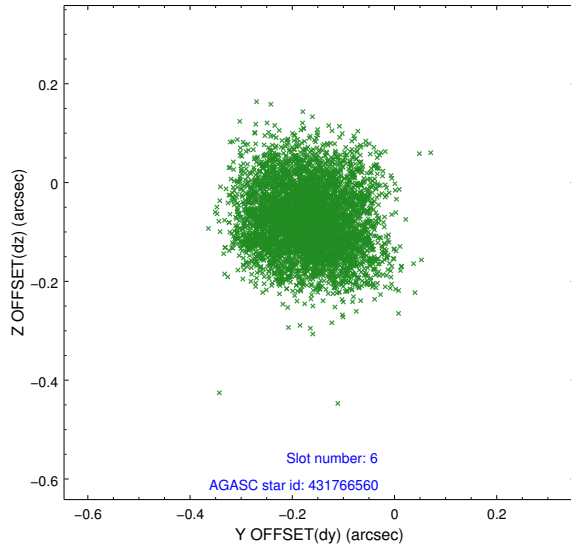
2.4.2 Slot 4



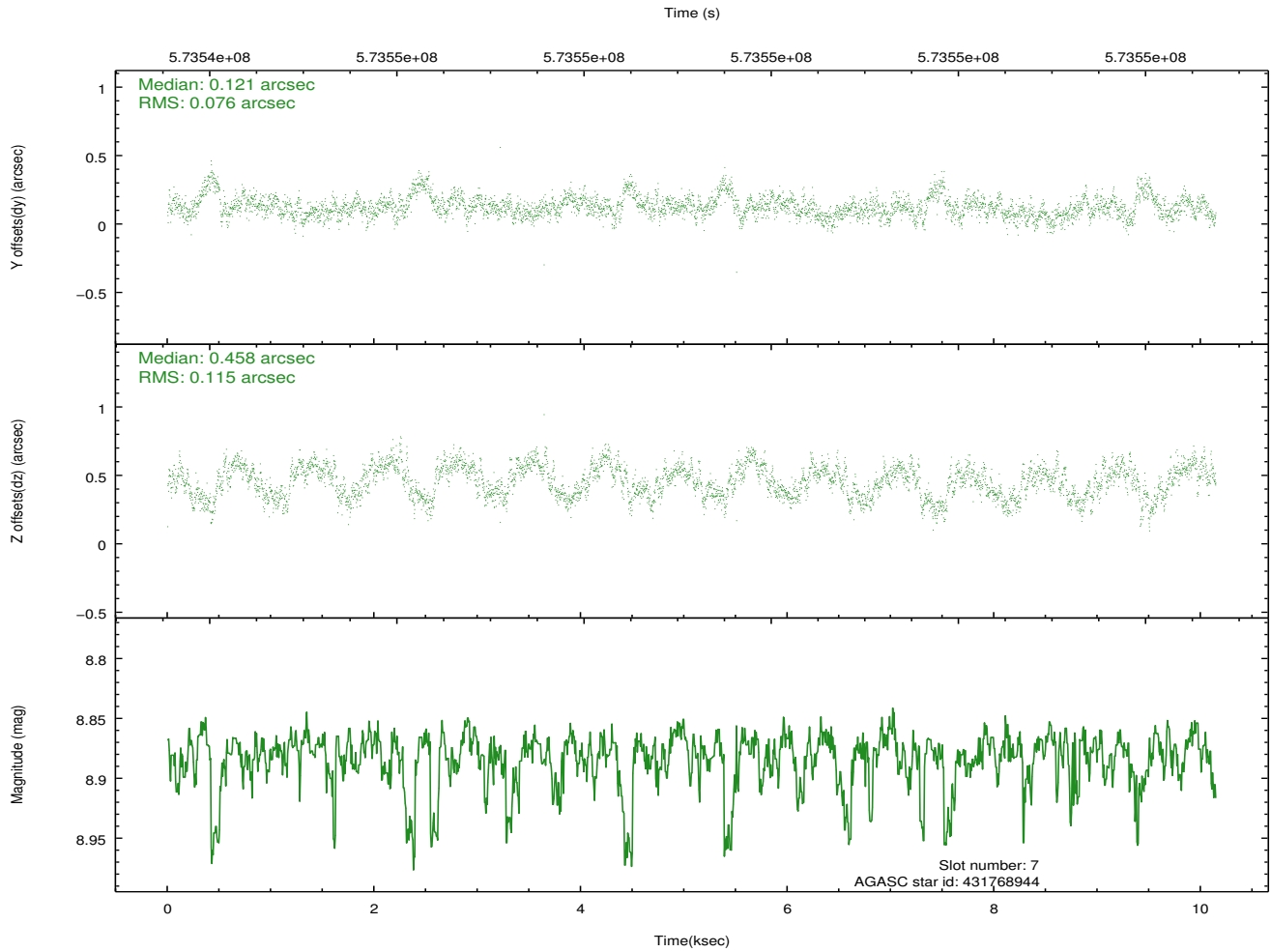
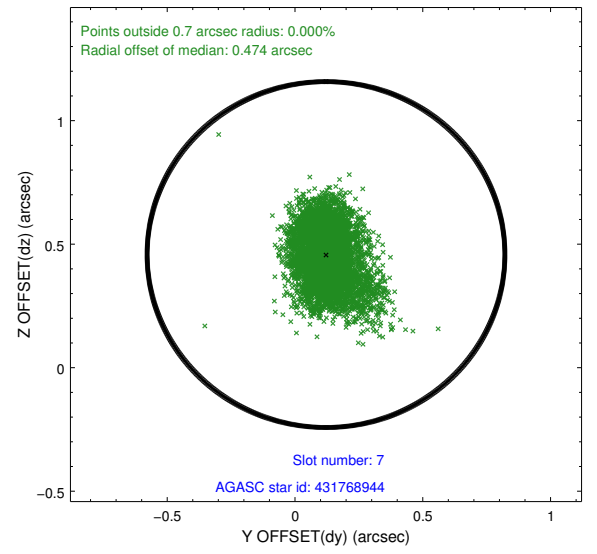
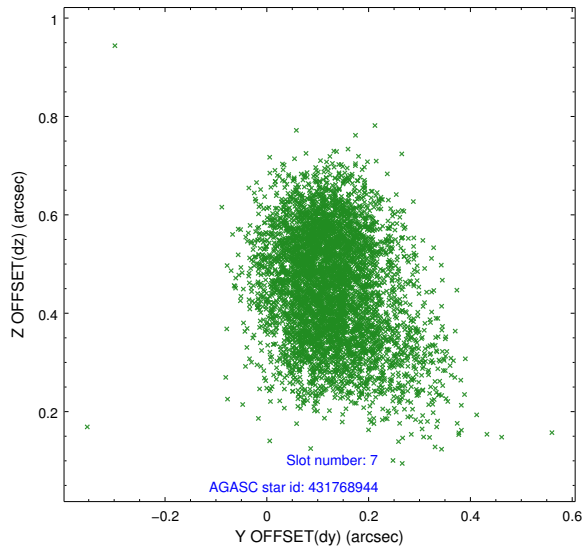
2.4.3 Slot 5



2.4.4 Slot 6

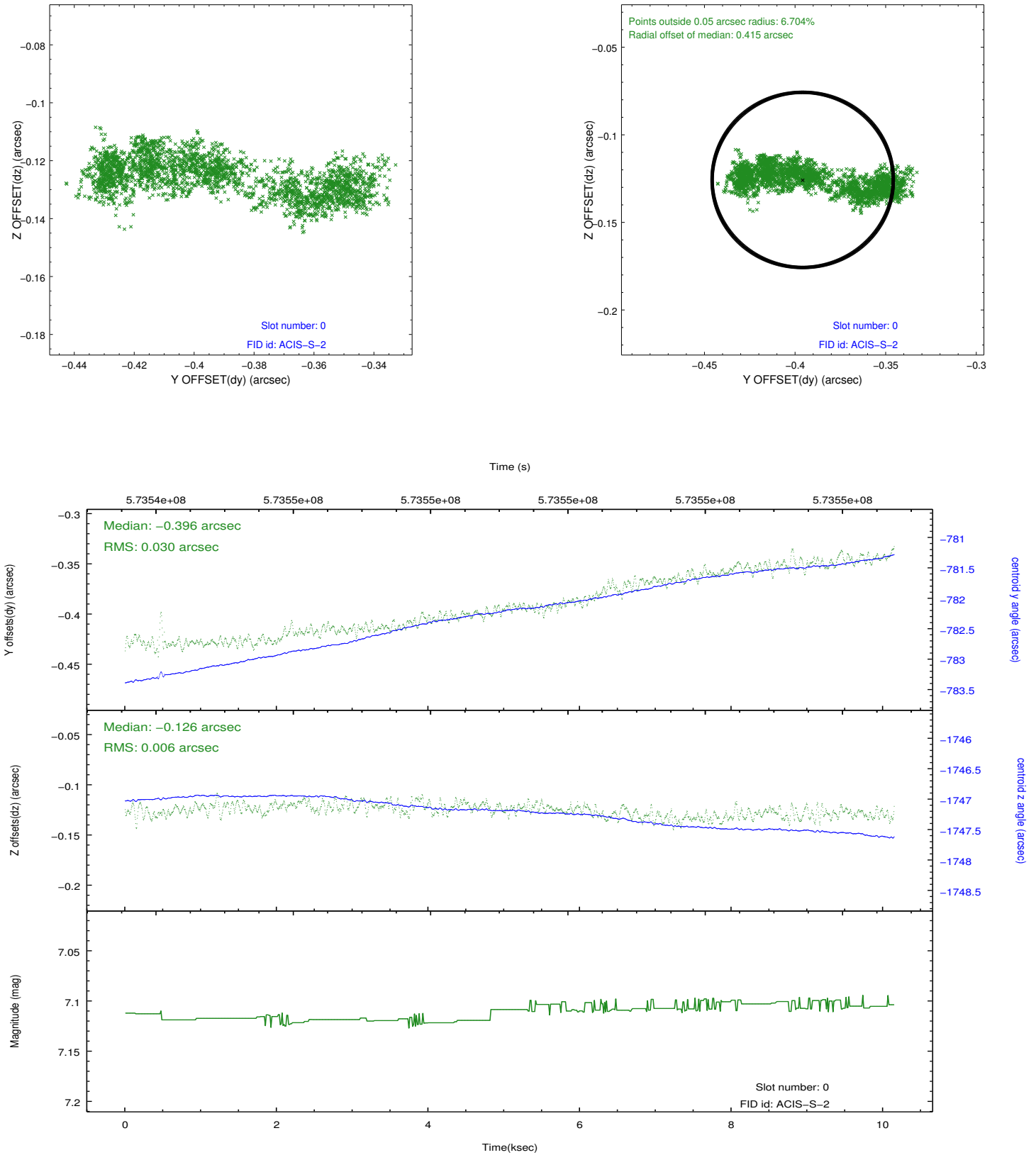


2.4.5 Slot 7

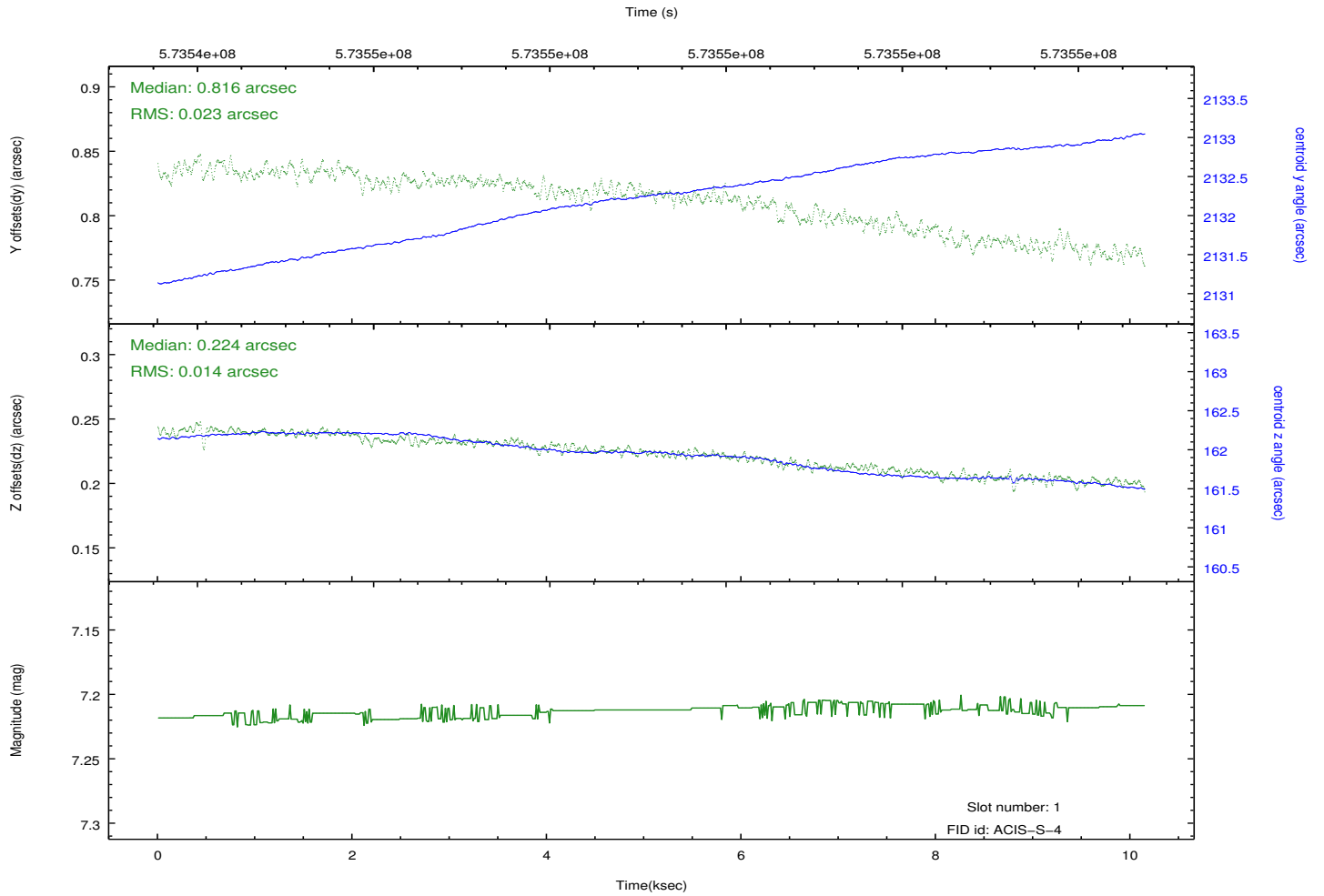
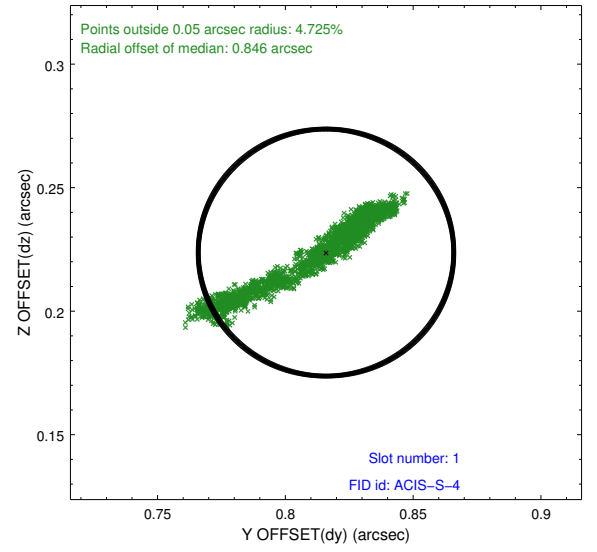
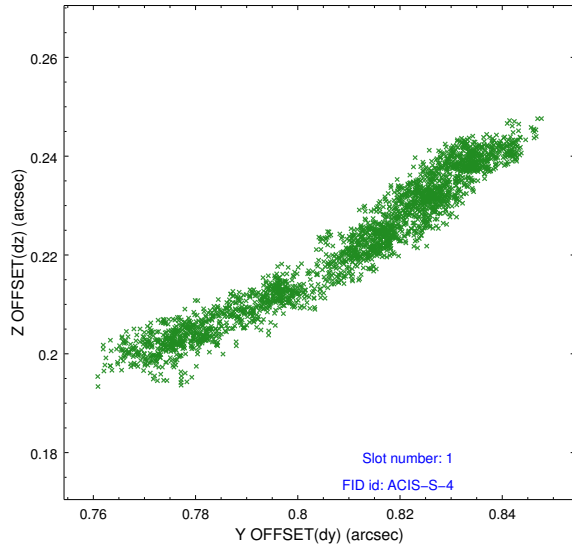


2.5 FID Slots

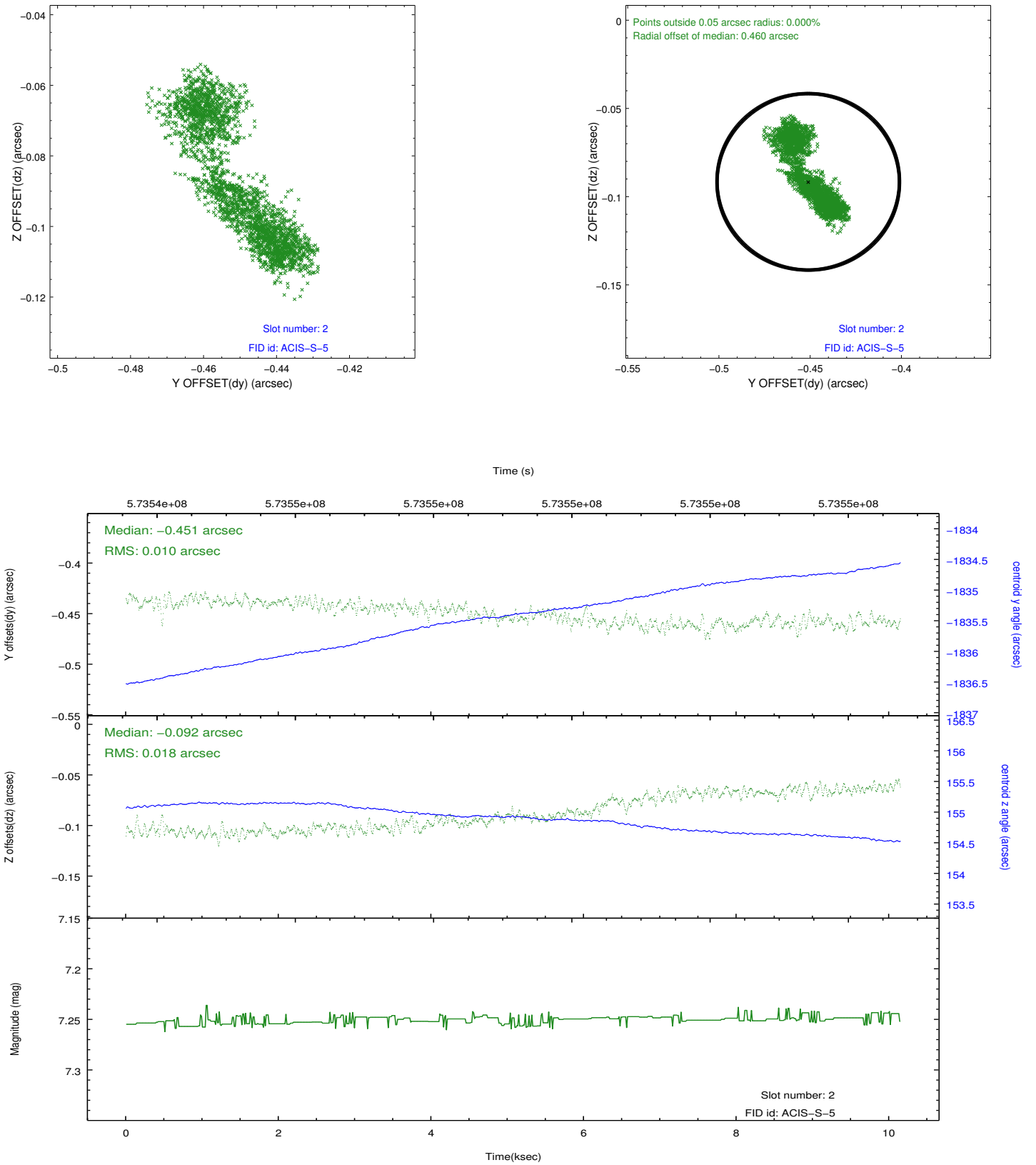
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.03.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.060468050241

A.2 Comments