

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 18197 - L2 Version 1
Chandra X-Ray Center

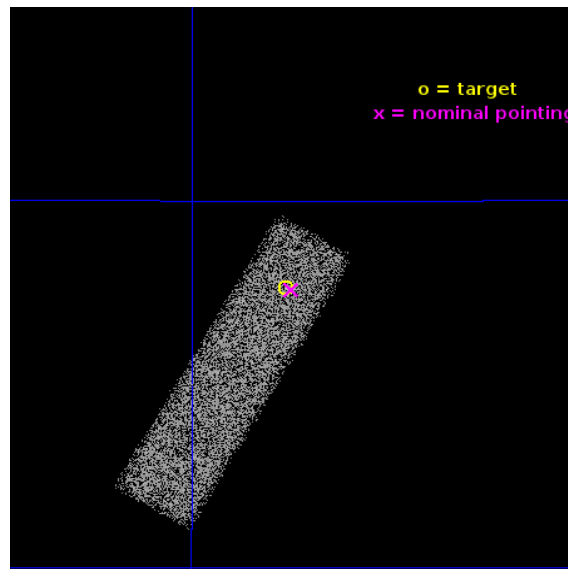
L2 Processing Date : Jan 9 2016

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1 Front

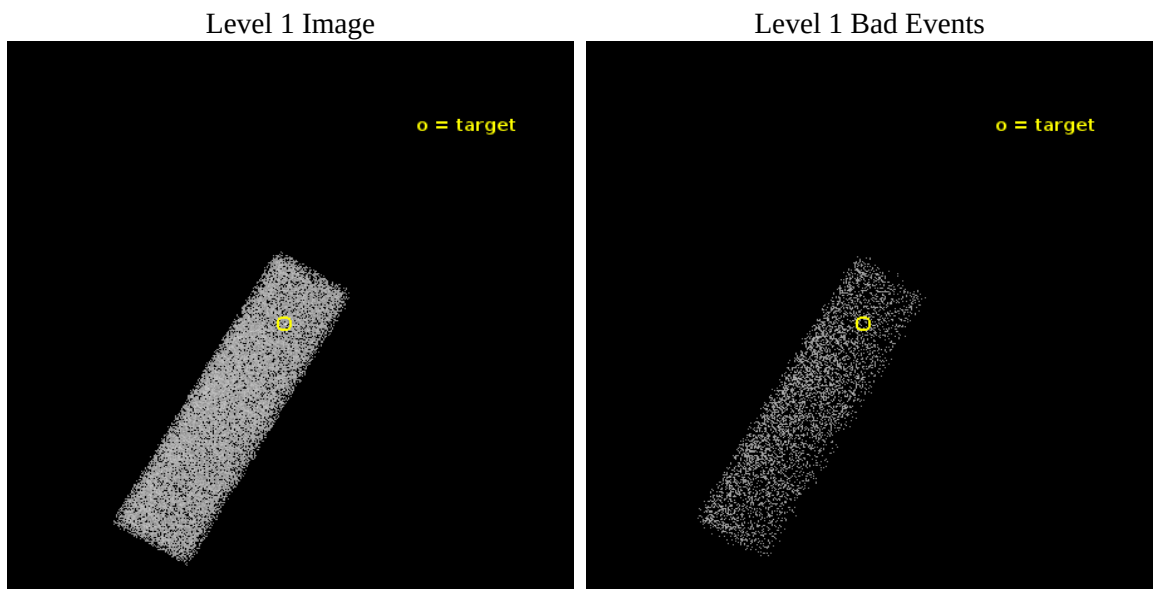
seq_num	703259	Sequence number
obs_id	18197	Observation id
title	Pre-selecting Dual AGN Candidates using WISE: A Chandra Follow-up Study	Proposal title
observer	Dr. Shobita Satyapal	Principal investigator
object	SDSS J090547.34+374738.2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	136.4475	Observer's specified target RA [deg]
dec_targ	37.793972	Observer's specified target Dec [deg]
ra_nom	136.44477902604	Nominal RA [deg]
dec_nom	37.792910485484	Nominal Dec [deg]
roll_nom	120.15828217194	Nominal Roll [deg]
revision	1	Processing version of data
ontime	18059.718962073	Sum of GTIs [s]
livetime	17178.46377064	Livetime [s]
ontime7	18059.718962073	Sum of GTIs [s]
l2events	16552	Number of level 2 events



2 OBI

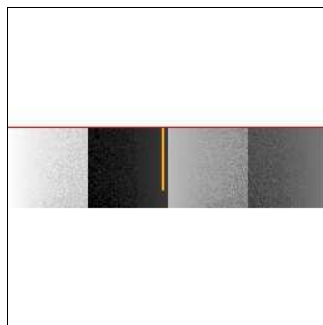
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	18000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3	Processing system revision	ontime	18059.718962073	Sum of GTIs [s]
caldsver	4.7.0	 	ontime7	18059.718962073	Sum of GTIs [s]
date	2016-01-09T13:36:54	Date and time of file creation	l1events	35819	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

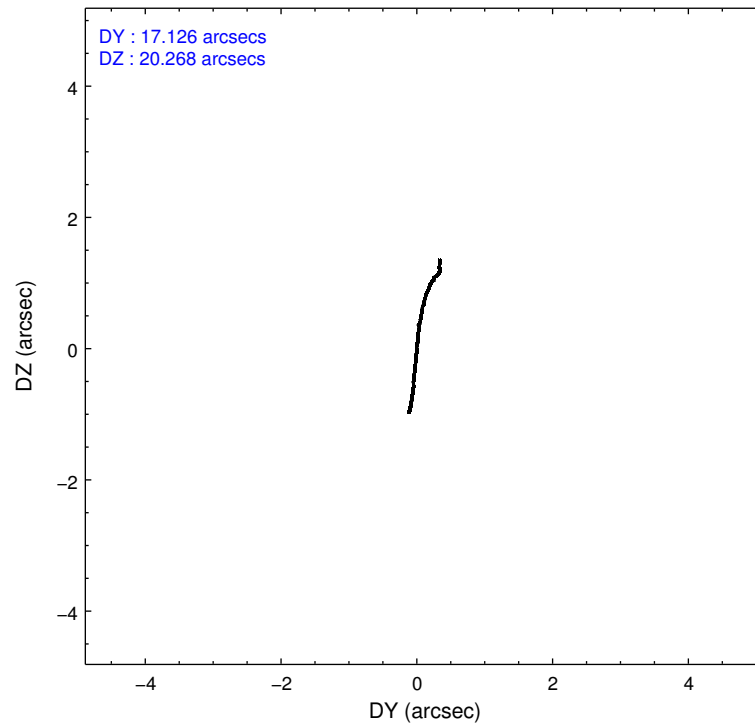
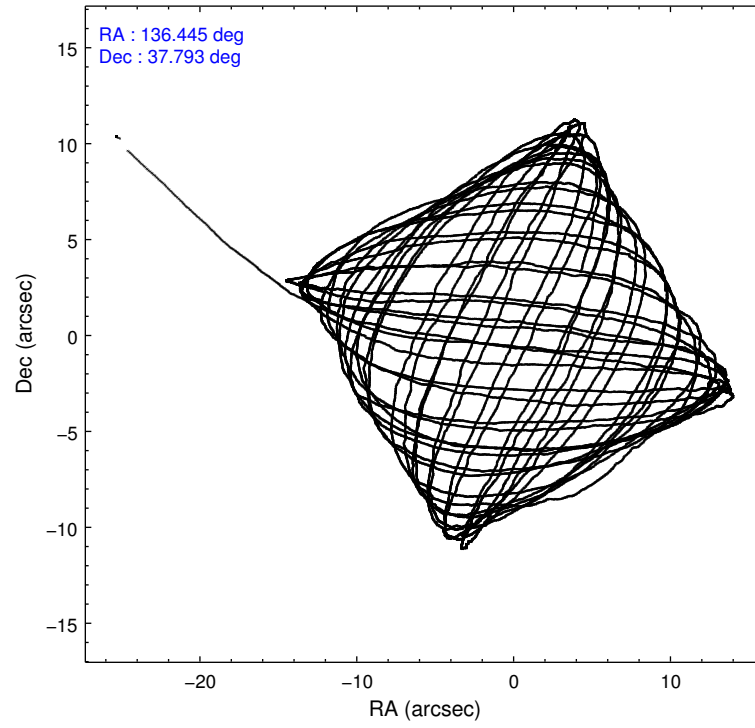
	ccd 7
level 1 events	35819
rejected events	18701
rejected %	52%

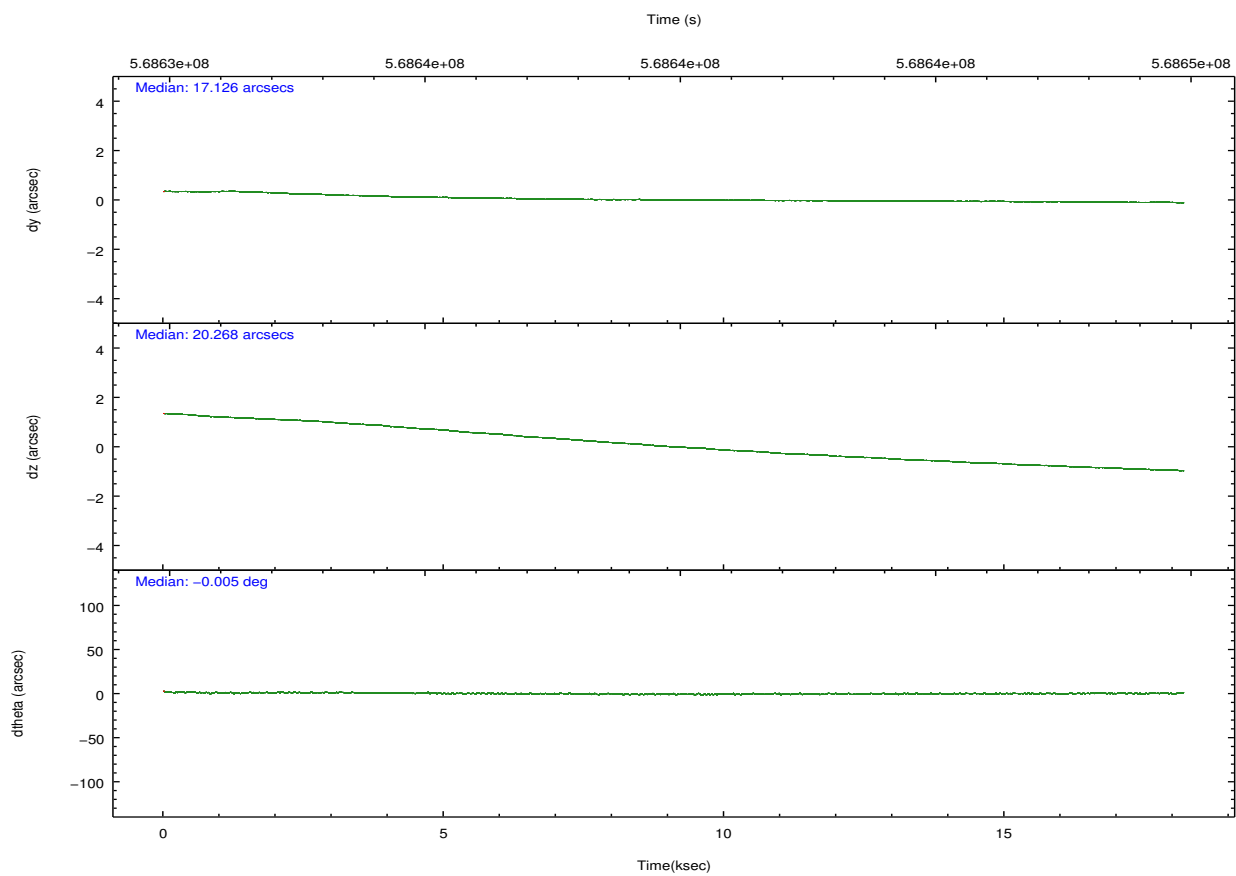
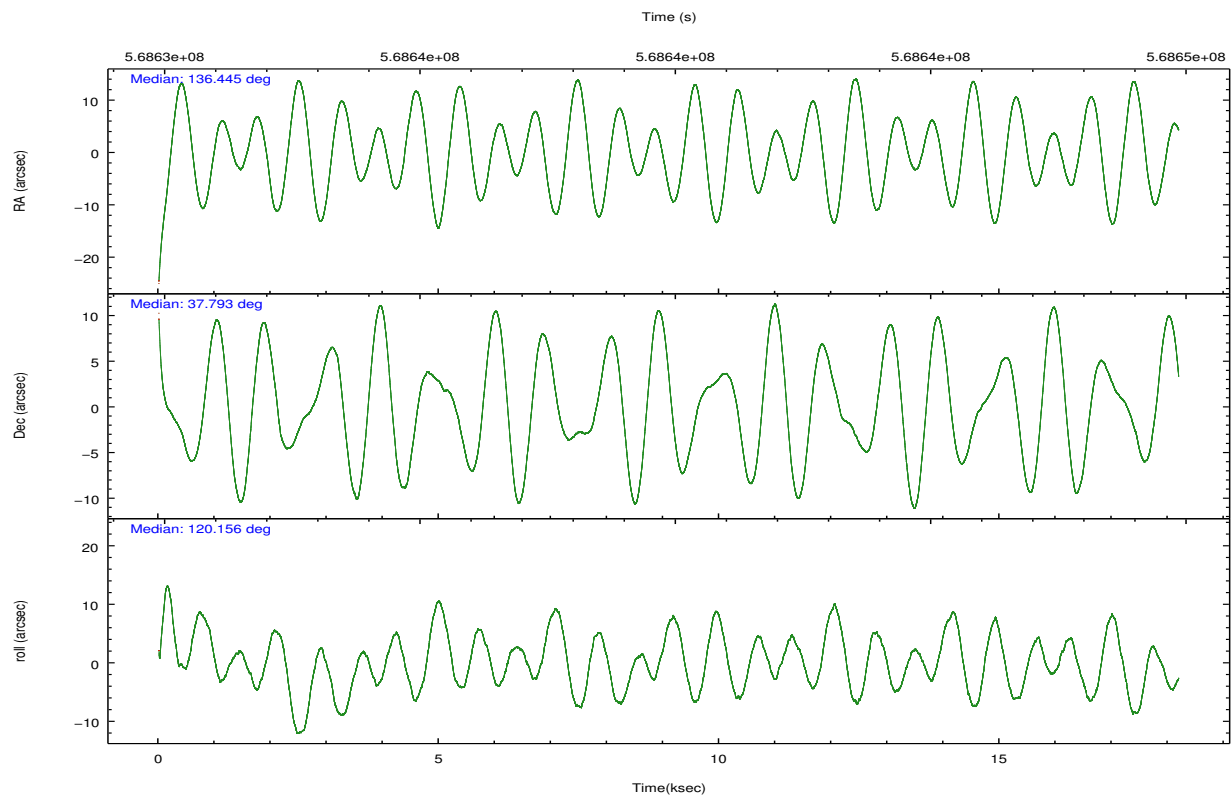
	ccd 7
grade 0 events	1664
	4%
grade 1 events	57
	0%
grade 2 events	3494
	9%
grade 3 events	1888
	5%
grade 4 events	1874
	5%
grade 5 events	3781
	10%
grade 6 events	8198
	22%
grade 7 events	14863
	41%

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	136.475147	136.4447790260378	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	37.779543	37.79291048548407	Subarray start row	385	385
[deg] Pointing Roll	119.983061	120.1582821719436	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	568630991.184000	568629736.10096			
Observation start date	2016-01-08T09:02:03	2016-01-08T08:42:16			
[s] Observation end time (MET)	568648991.184000	568650056.21462			
Observation end date	2016-01-08T14:02:03	2016-01-08T14:20:56			
Read mode	TIMED	TIMED			

2.3 Aspect



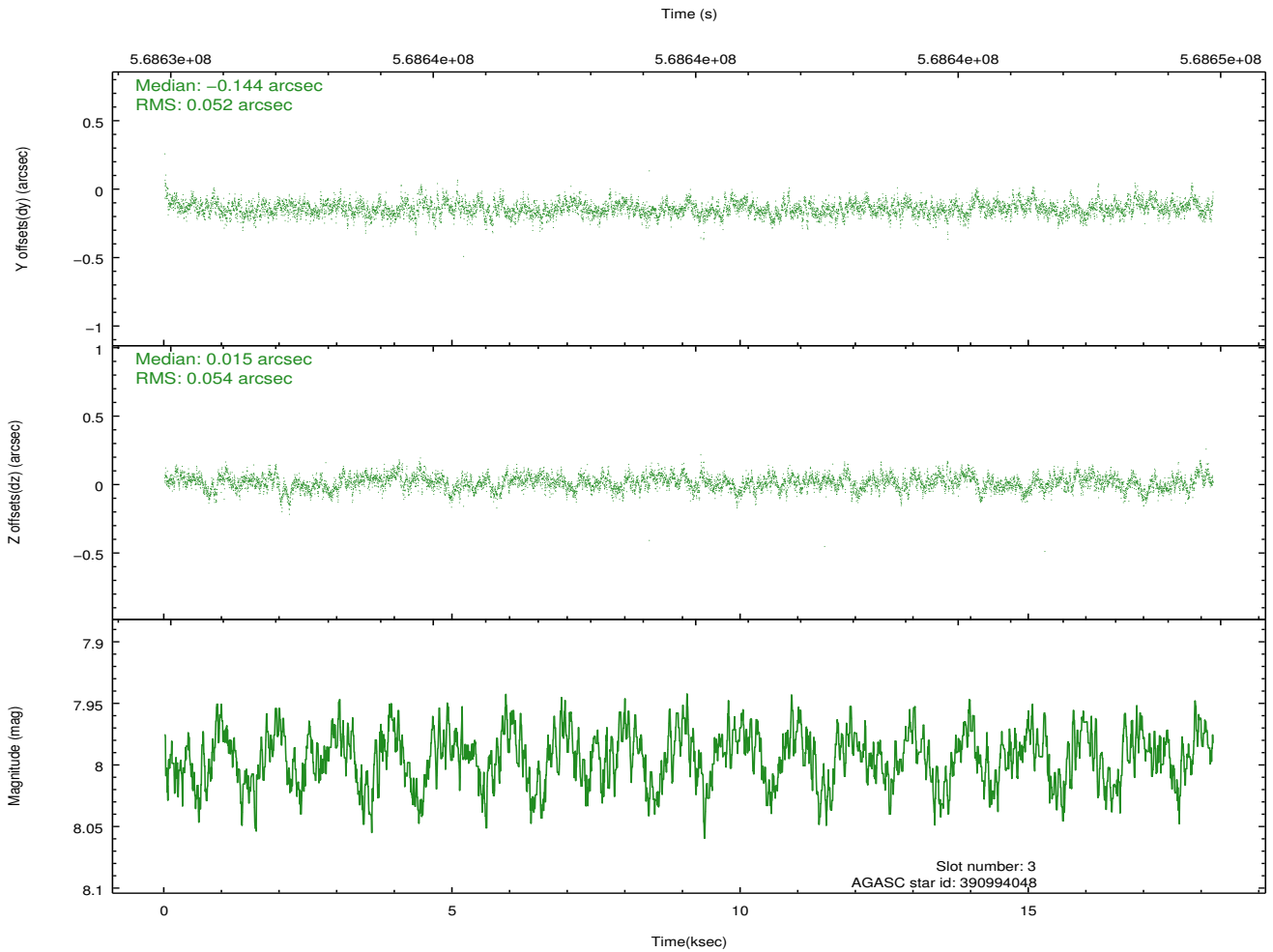
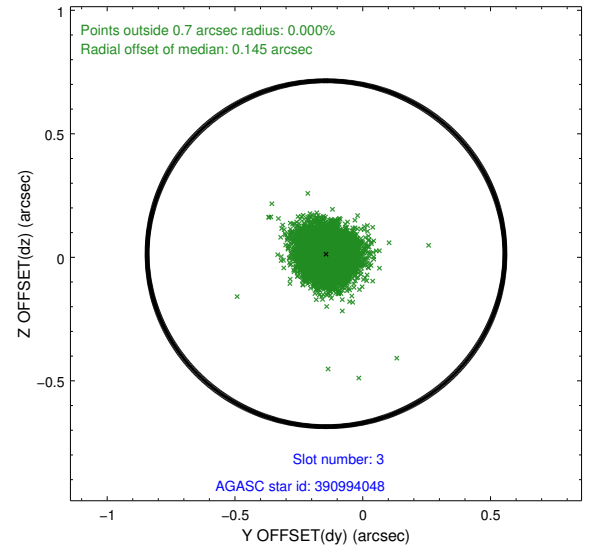
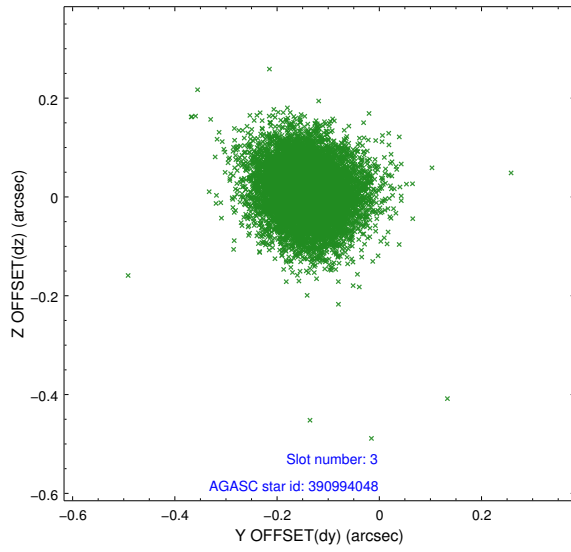


Slot Statistics

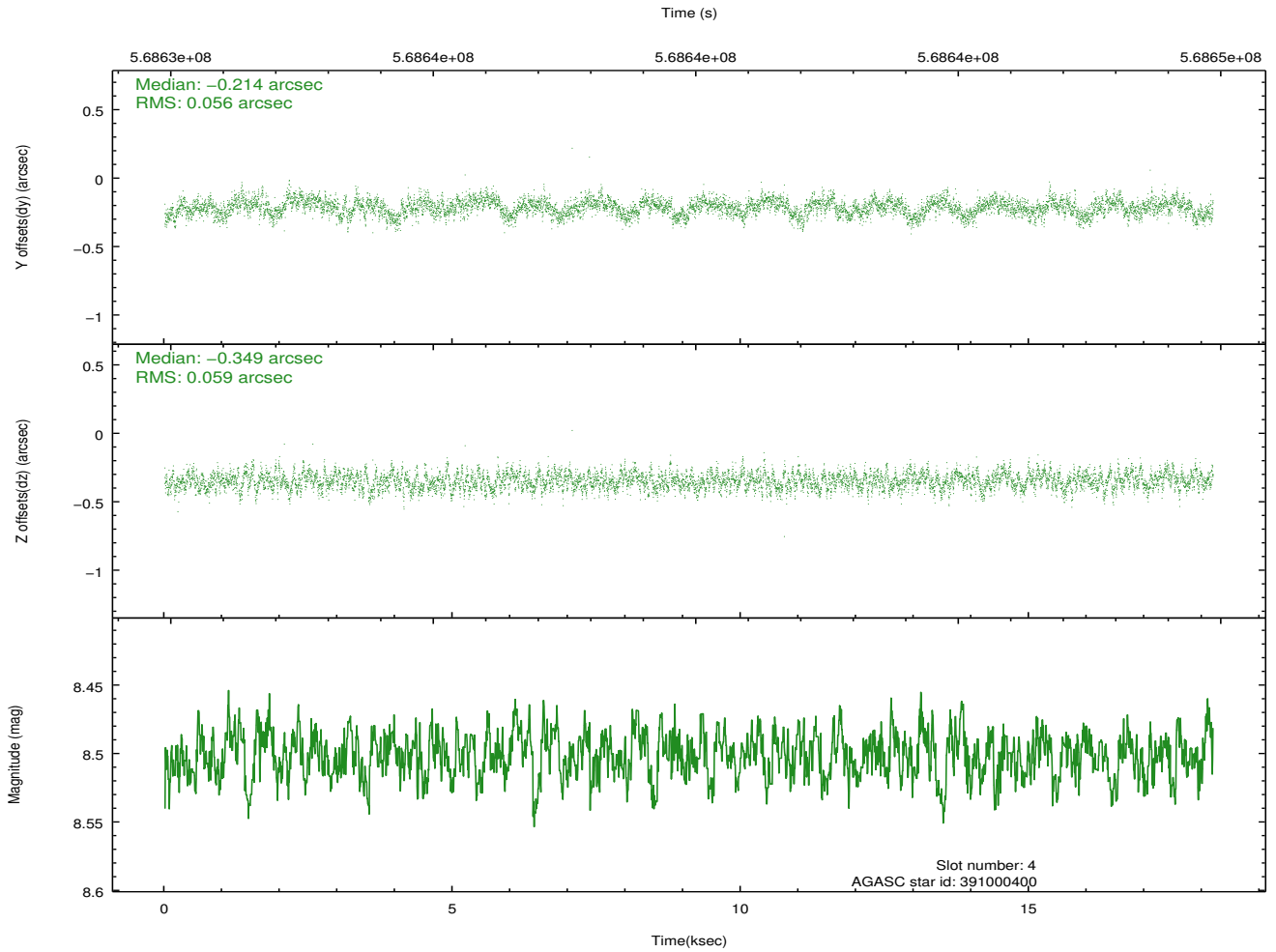
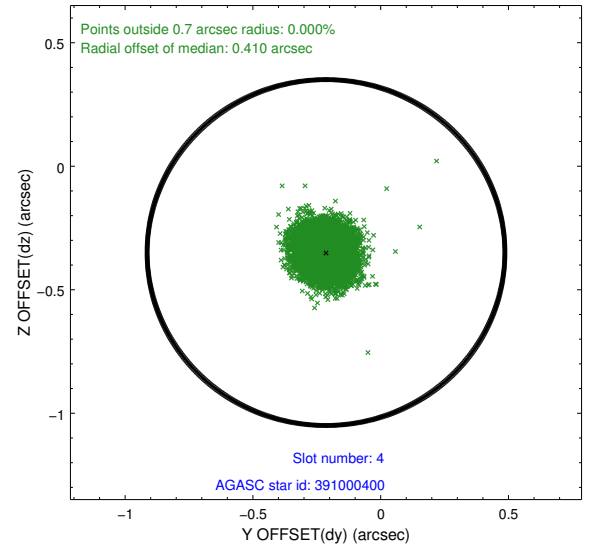
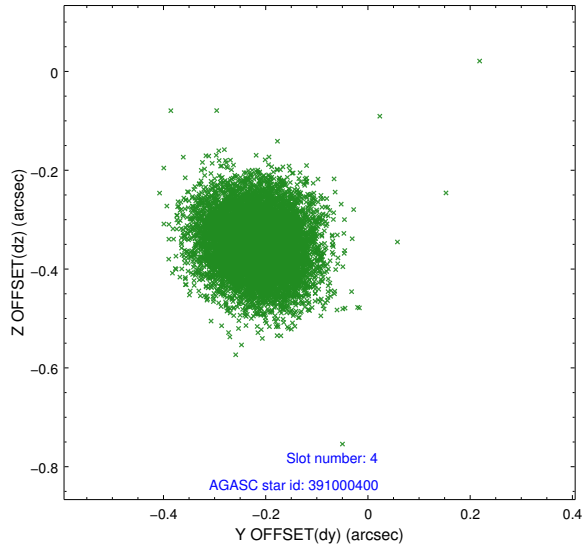
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.11	4437	-0.170	-0.113	0.014	0.025	0.000000	0.000000	-770.35	-1741.95
1	FID		ACIS-S-4	7.21	4437	0.418	0.113	0.009	0.015	0.000000	0.000000	2143.39	166.56
2	FID		ACIS-S-5	7.23	4437	-0.279	0.009	0.013	0.023	0.000000	0.000000	-1823.04	160.34
3	GUIDE	used	390994048	7.99	8868	-0.144	0.015	0.079	0.129	136.462352	38.438930	2075.01	-1152.60
4	GUIDE	used	391000400	8.50	8863	-0.214	-0.349	0.086	0.138	135.999085	37.527129	-105.39	1629.77
5	GUIDE	used	391001080	8.00	8870	-0.043	-0.068	0.090	0.142	136.639153	38.088619	733.21	-956.12
6	GUIDE	used	391131376	8.79	8866	0.066	0.114	0.105	0.169	136.753661	37.648517	-804.02	-452.20
7	GUIDE	used	327418296	9.07	8868	0.334	0.288	0.124	0.196	137.396867	37.454906	-2317.03	-1703.68

2.4 Star Slots

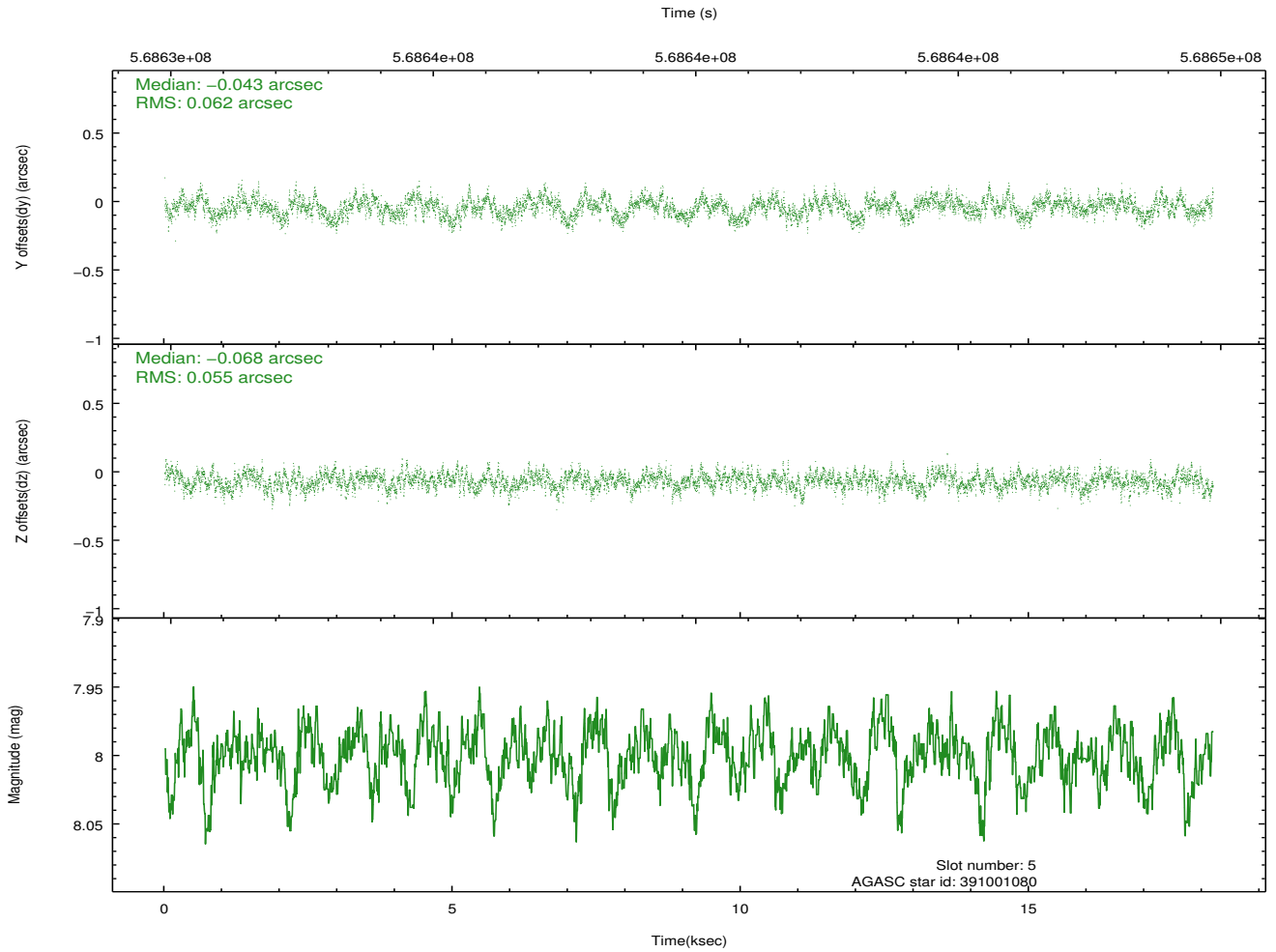
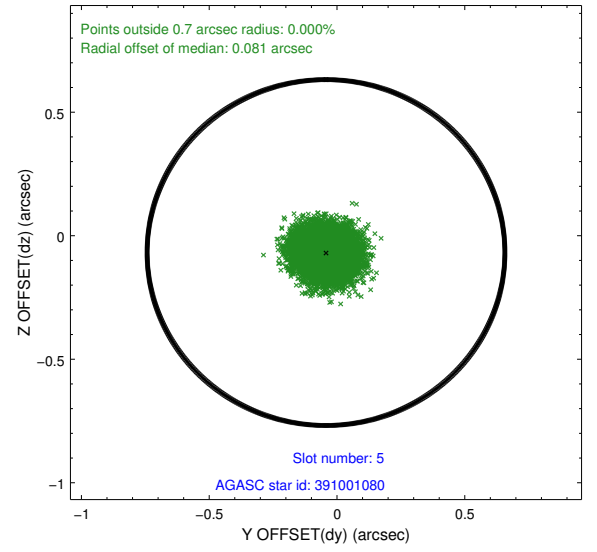
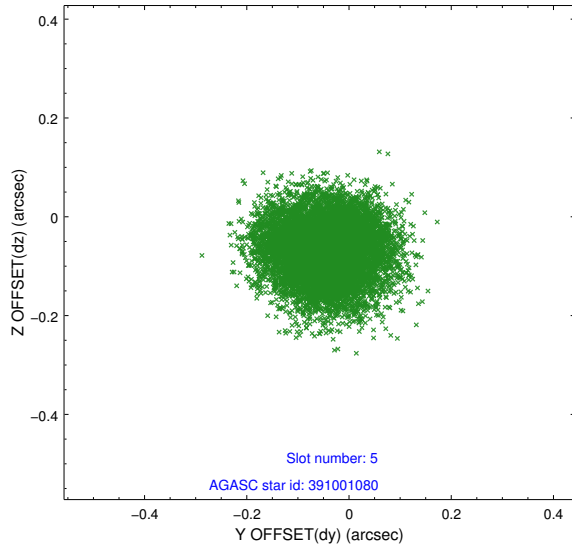
2.4.1 Slot 3



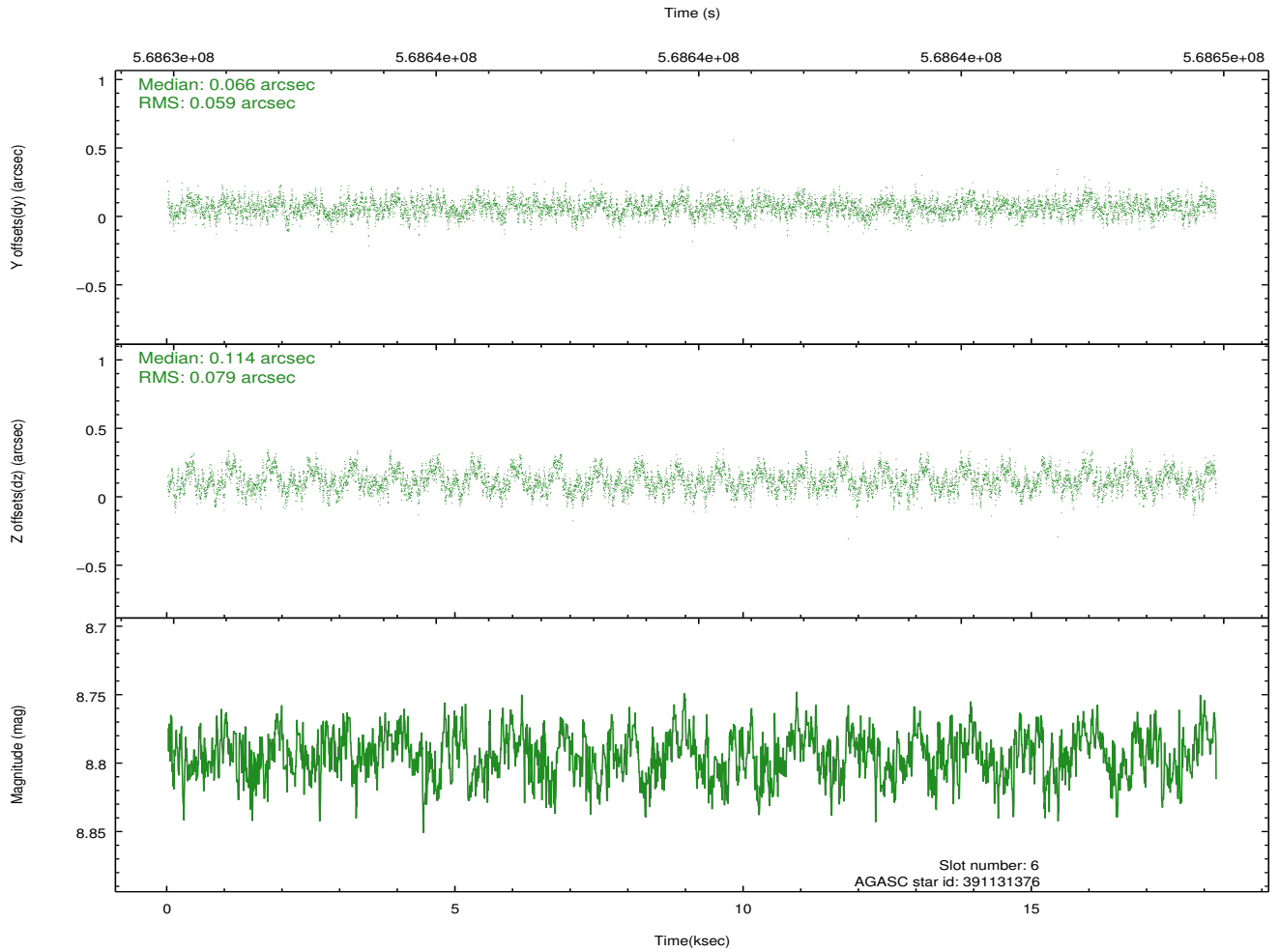
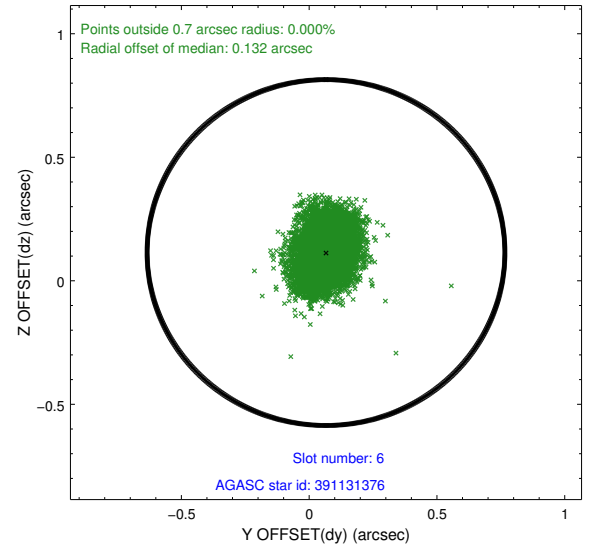
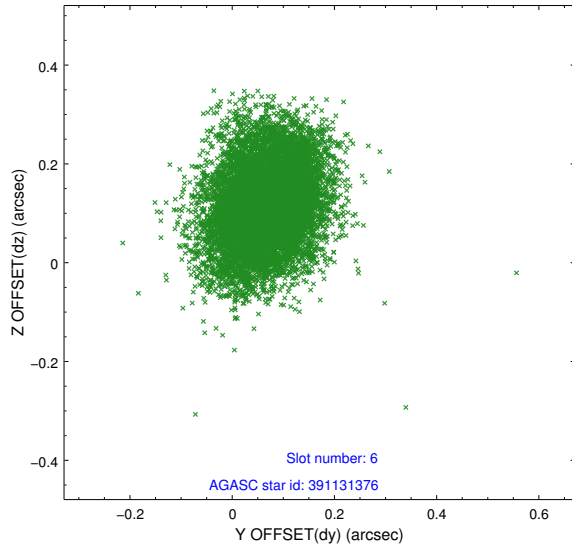
2.4.2 Slot 4



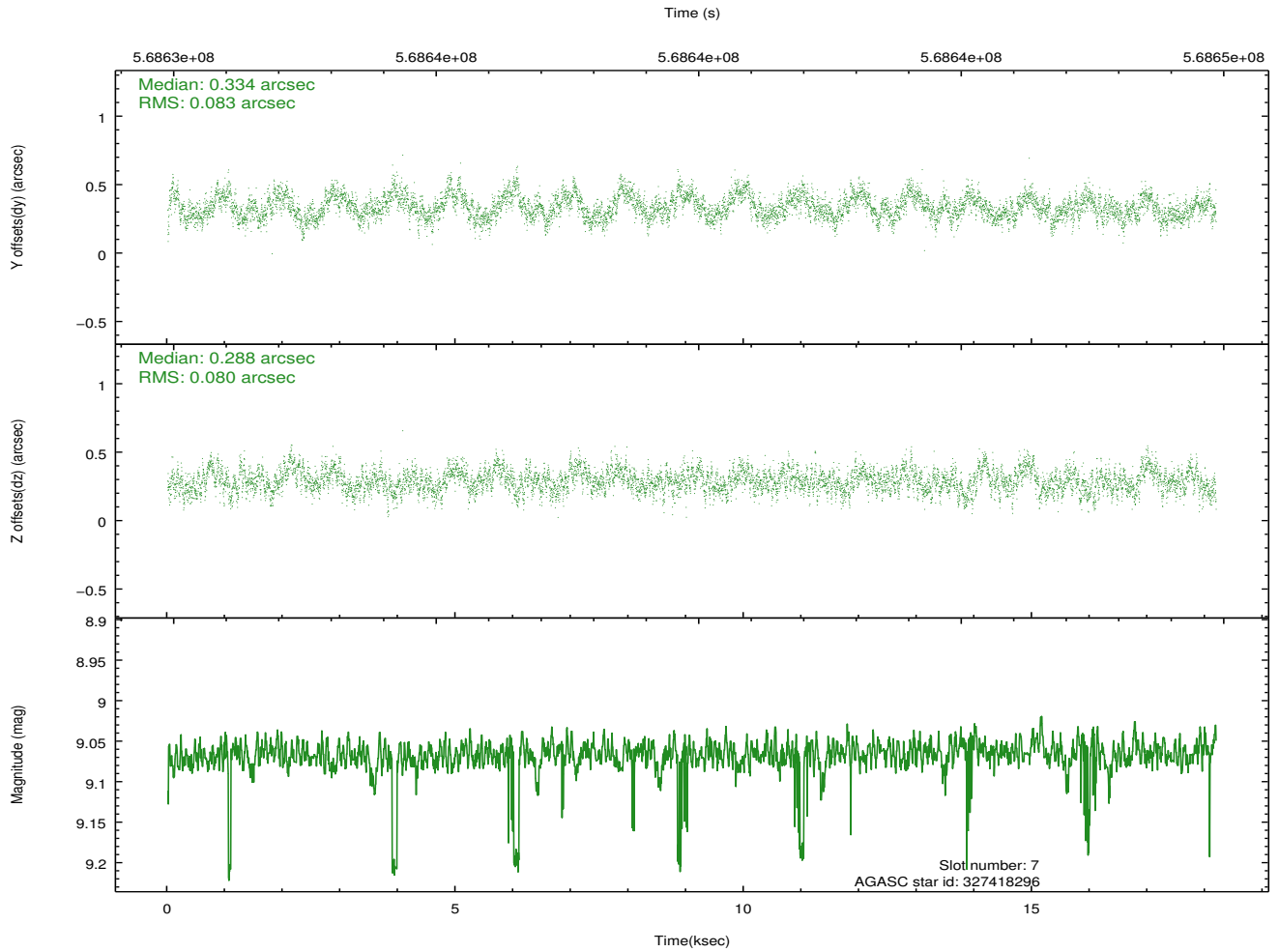
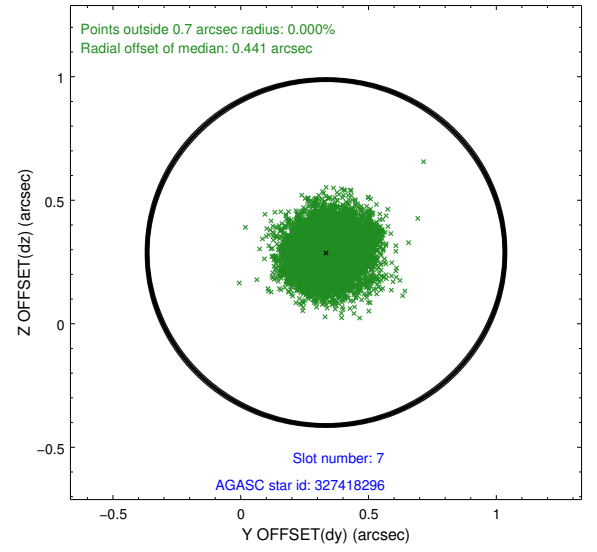
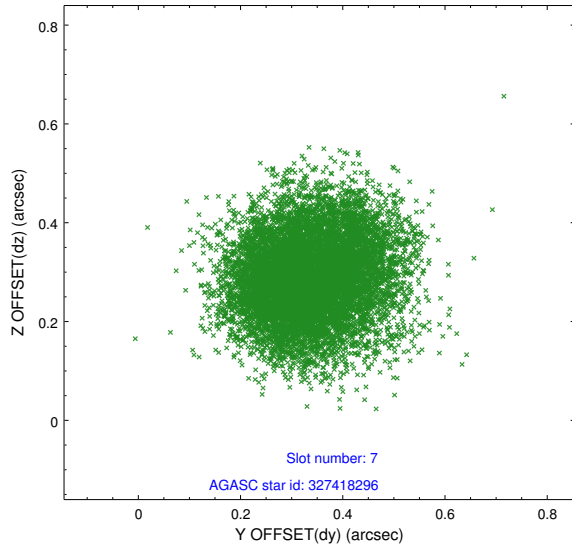
2.4.3 Slot 5



2.4.4 Slot 6

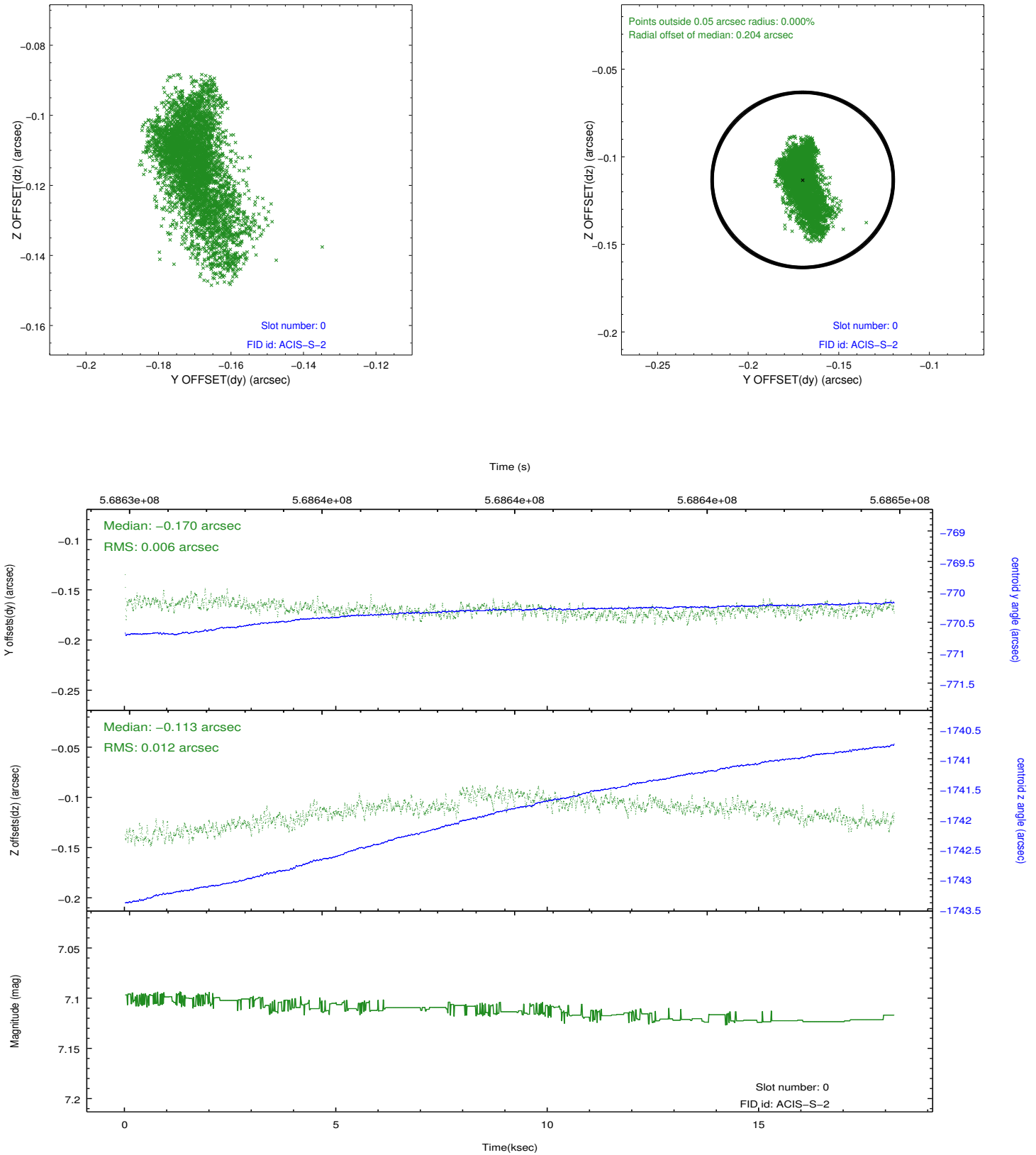


2.4.5 Slot 7

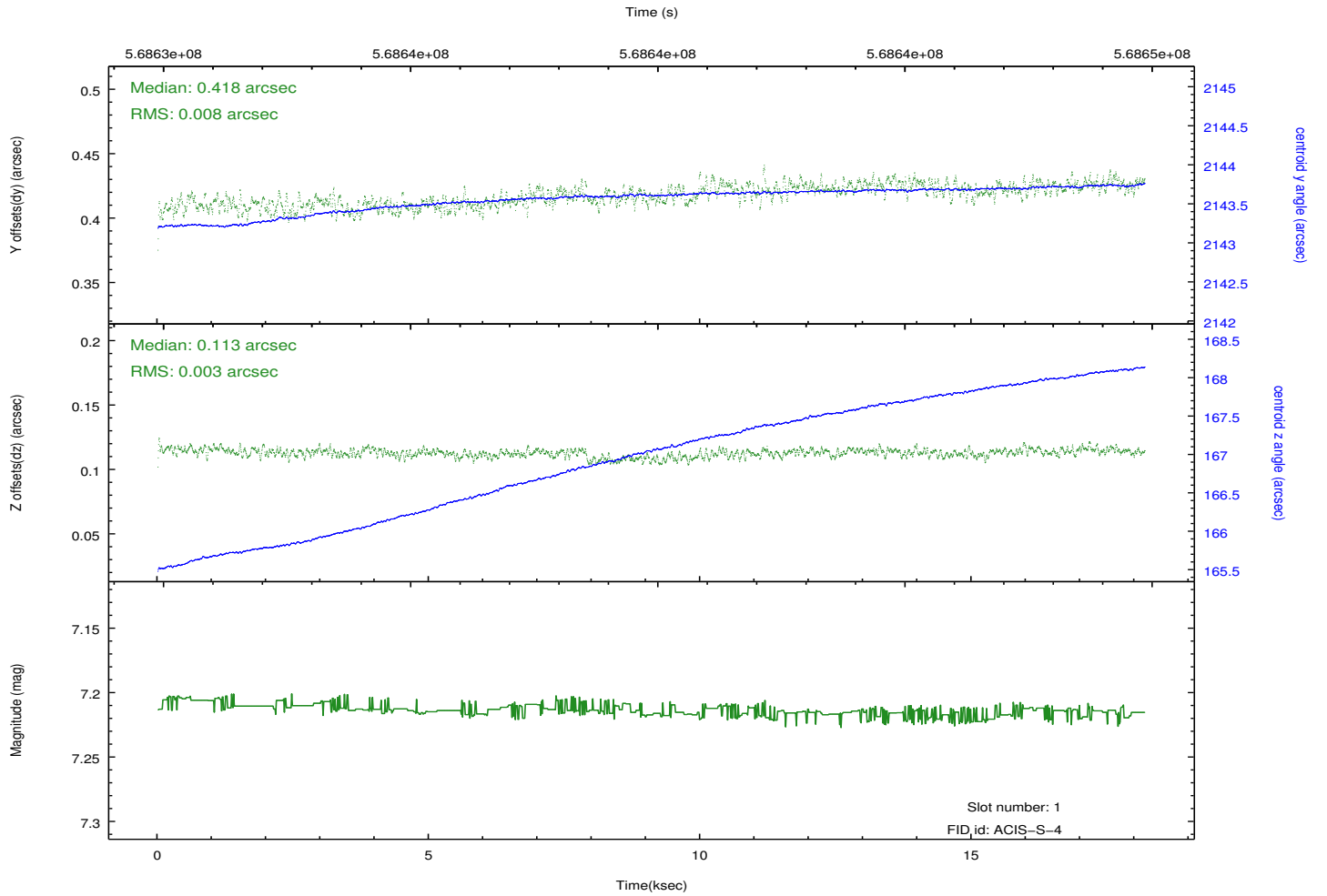
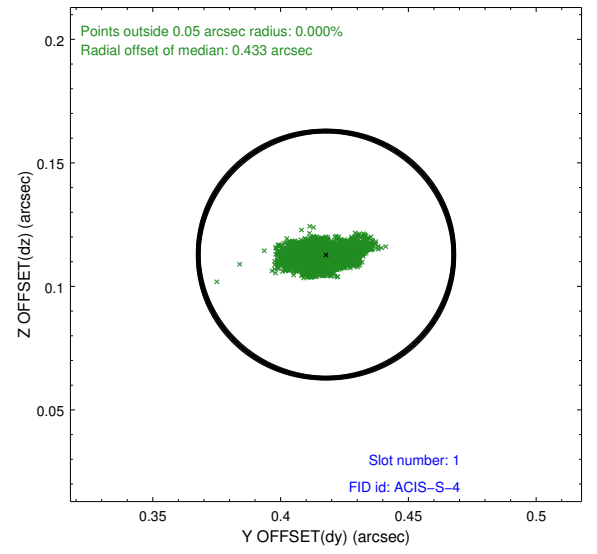
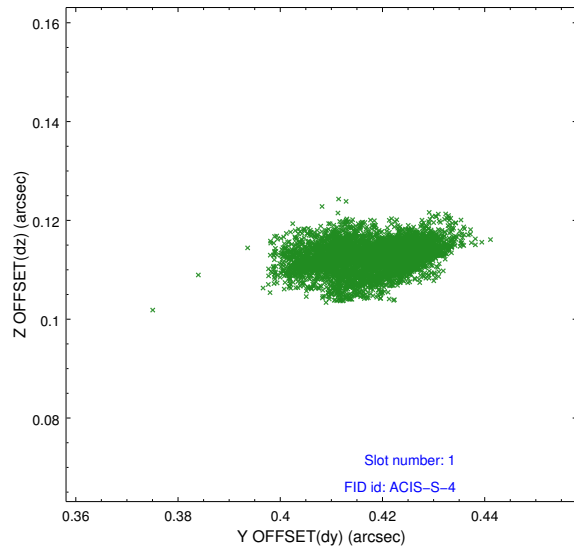


2.5 FID Slots

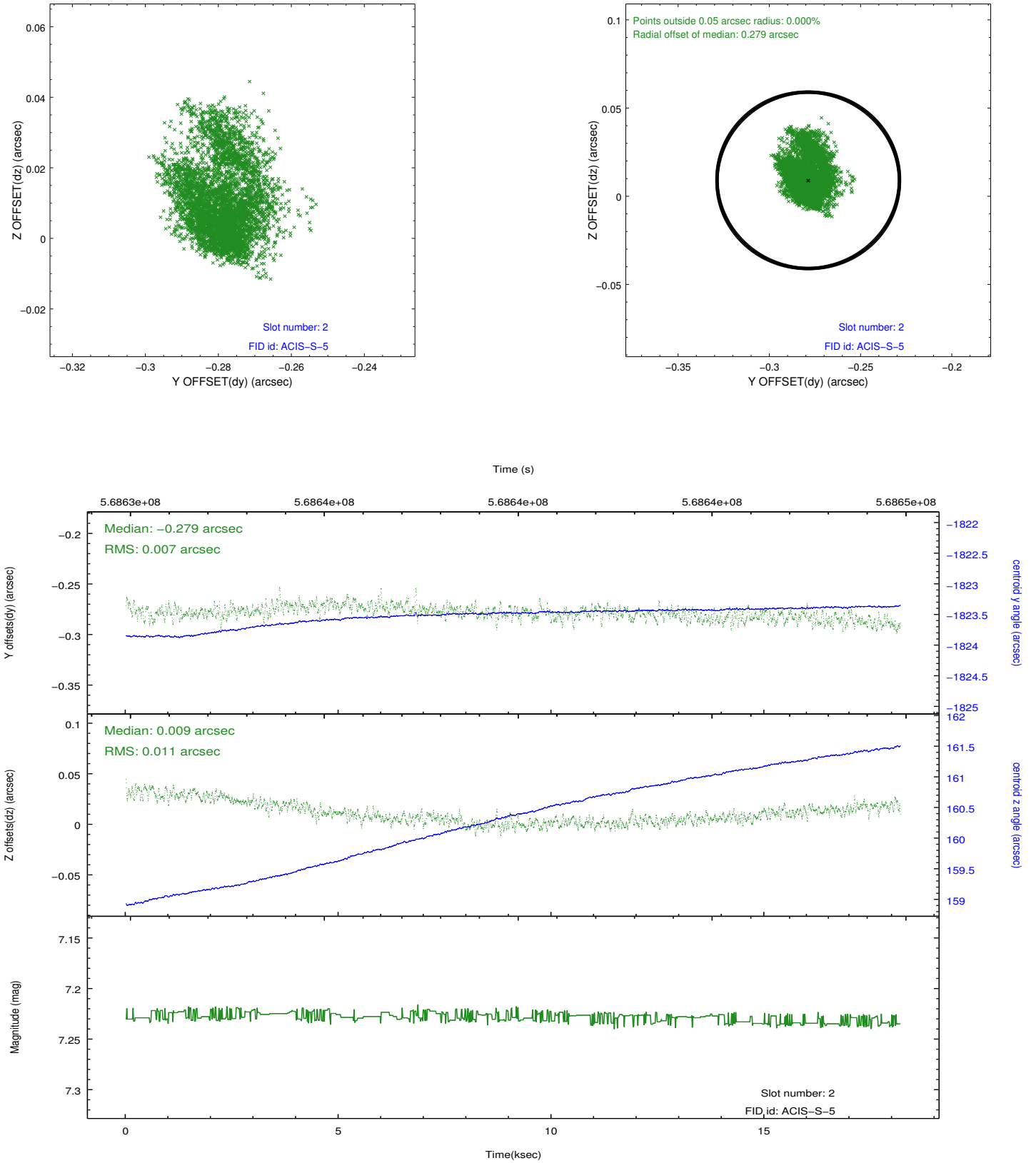
2.5.1 Slot 0



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)	2016.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.059718962073

A.2 Comments