

V&V Reference Report

L2 ASCDS Version : 10.5

Observation 18193 - L2 Version 1
Chandra X-Ray Center

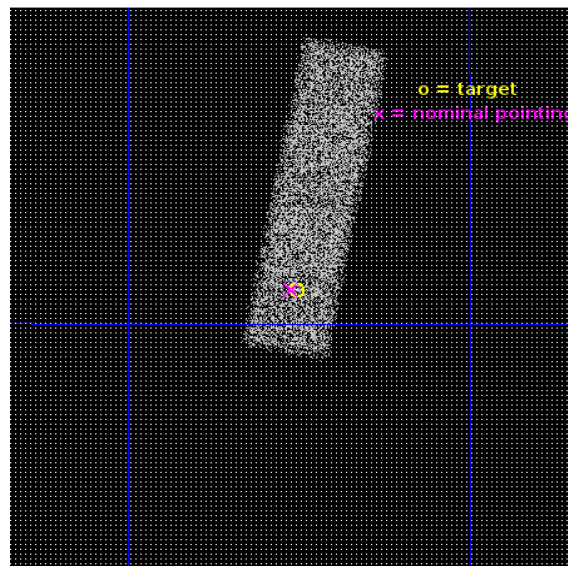
L2 Processing Date : Jul 20 2016

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1 Front

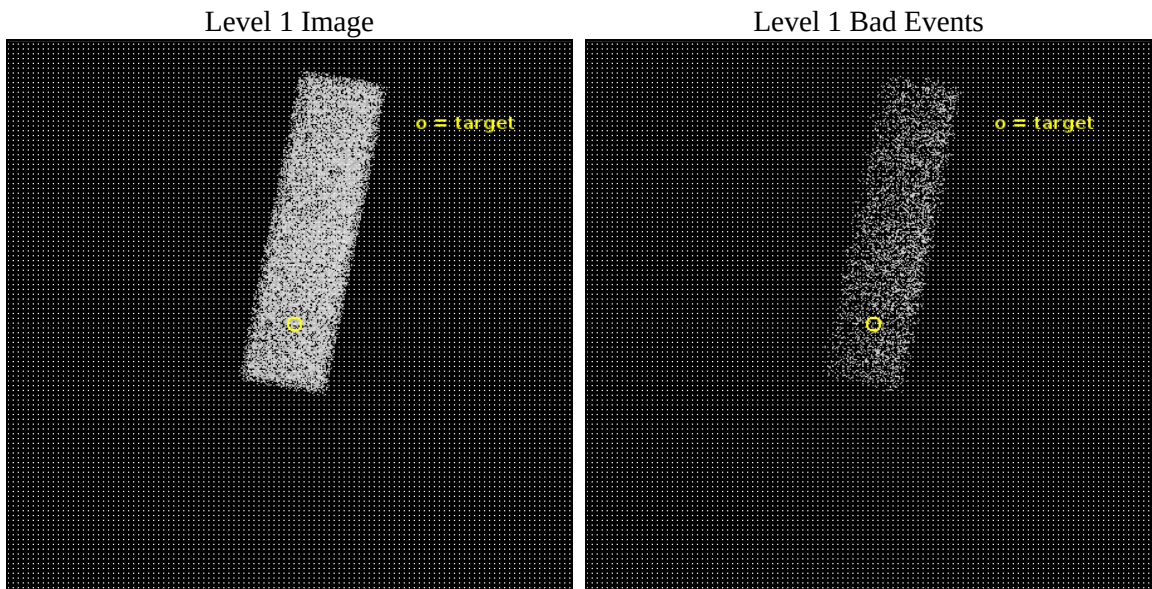
seq_num	703255	Sequence number
obs_id	18193	Observation id
title	Pre-selecting Dual AGN Candidates using WISE: A Chandra Follow-up Study	Proposal title
observer	Shobita Satyapal	Principal investigator
object	SDSS J115930.29+532055.7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	179.876217	Observer's specified target RA [deg]
dec_targ	53.348833	Observer's specified target Dec [deg]
ra_nom	179.8804496809	Nominal RA [deg]
dec_nom	53.34894254202	Nominal Dec [deg]
roll_nom	280.89686426966	Nominal Roll [deg]
revision	1	Processing version of data
ontime	15060.535356283	Sum of GTIs [s]
livetime	14325.630511066	Livetime [s]
ontime7	15060.535356283	Sum of GTIs [s]
l2events	14188	Number of level 2 events



2 OBI

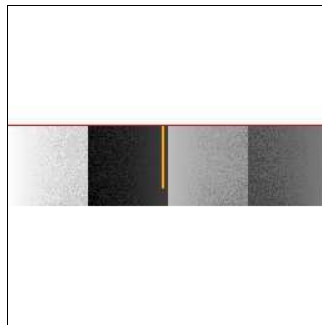
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	15000.000000	[s] Scheduled observation exposure time
ascdsver	10.5	Processing system revision	ontime	15060.535356283	Sum of GTIs [s]
caldsver	4.7.2	 	ontime7	15060.535356283	Sum of GTIs [s]
date	2016-07-20T05:18:40	Date and time of file creation	l1events	30736	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

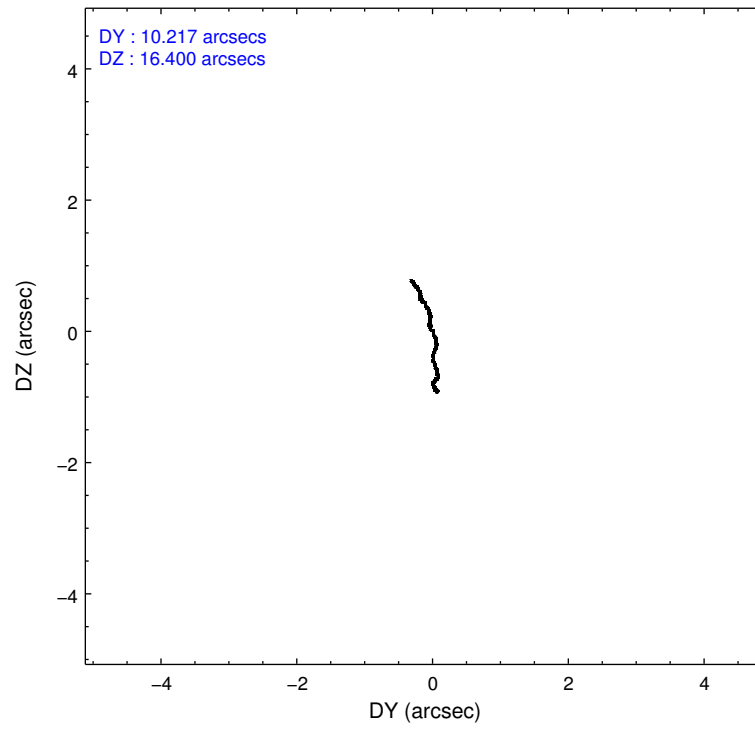
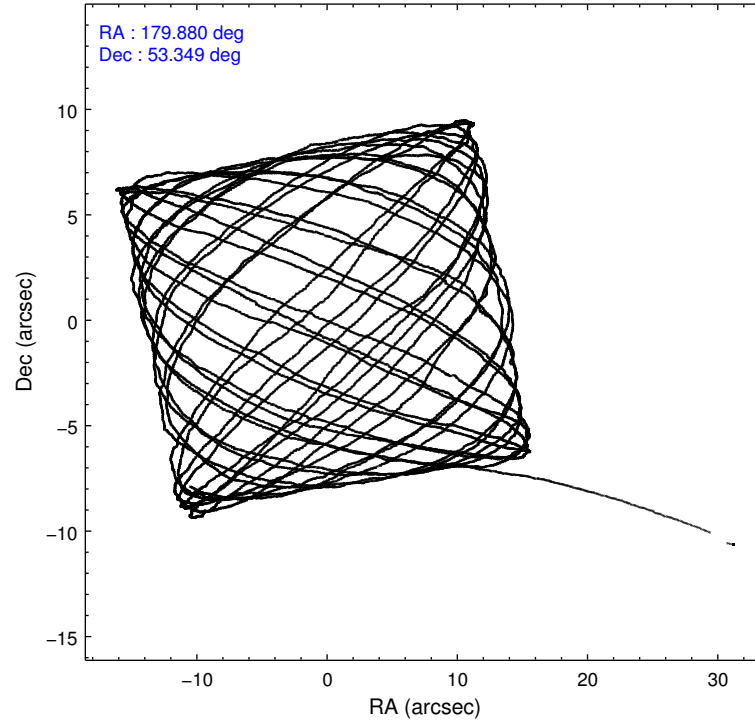
	ccd 7
level 1 events	30736
rejected events	16094
rejected %	52%

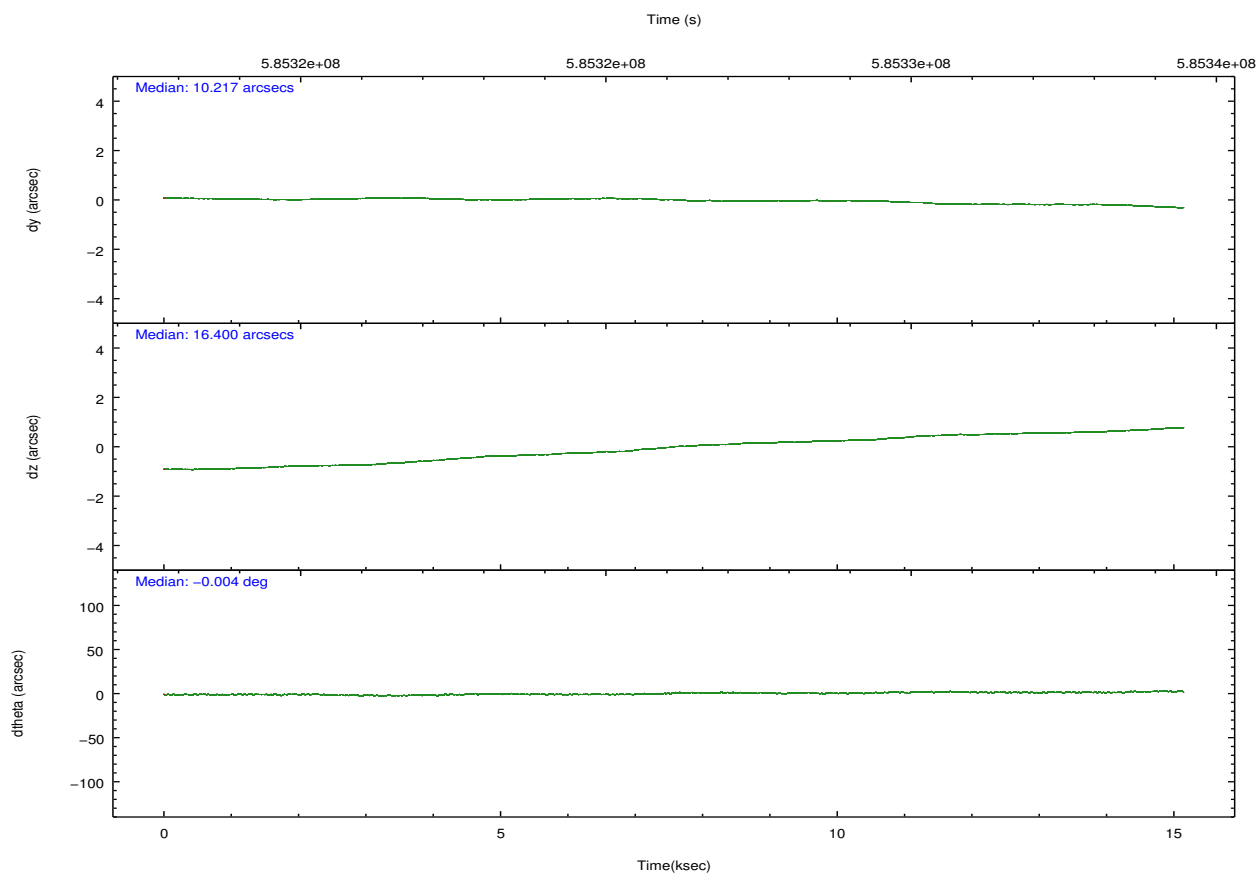
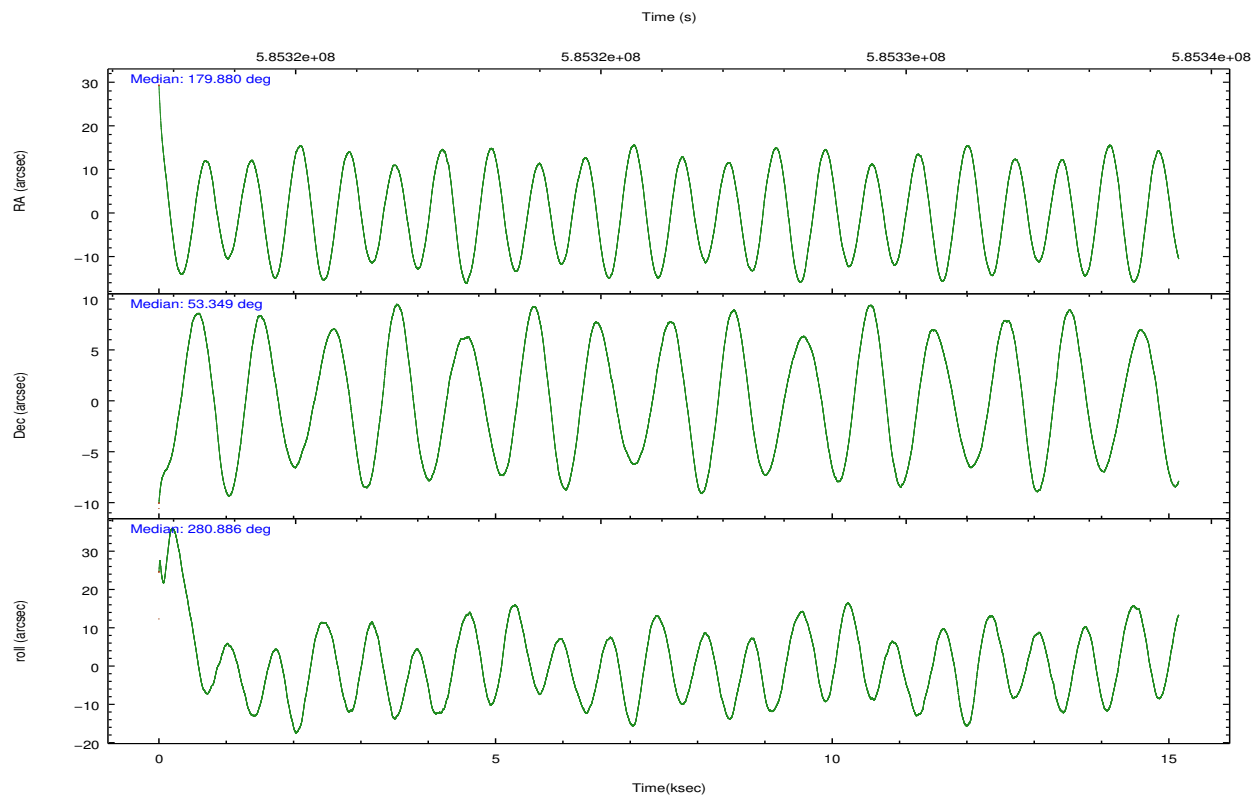
	ccd 7
grade 0 events	1411
	4%
grade 1 events	46
	0%
grade 2 events	2869
	9%
grade 3 events	1570
	5%
grade 4 events	1619
	5%
grade 5 events	3281
	10%
grade 6 events	7173
	23%
grade 7 events	12767
	41%

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	179.849853	179.8804496809005	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	53.369468	53.34894254201969	Subarray start row	385	385
[deg] Pointing Roll	280.764778	280.8968642696589	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)	585318674.184000	585317340.20195			
Observation start date	2016-07-19T12:30:06	2016-07-19T12:09:00			
[s] Observation end time (MET)	585333674.184000	585334575.57794			
Observation end date	2016-07-19T16:40:06	2016-07-19T16:56:15			
Read mode	TIMED	TIMED			

2.3 Aspect



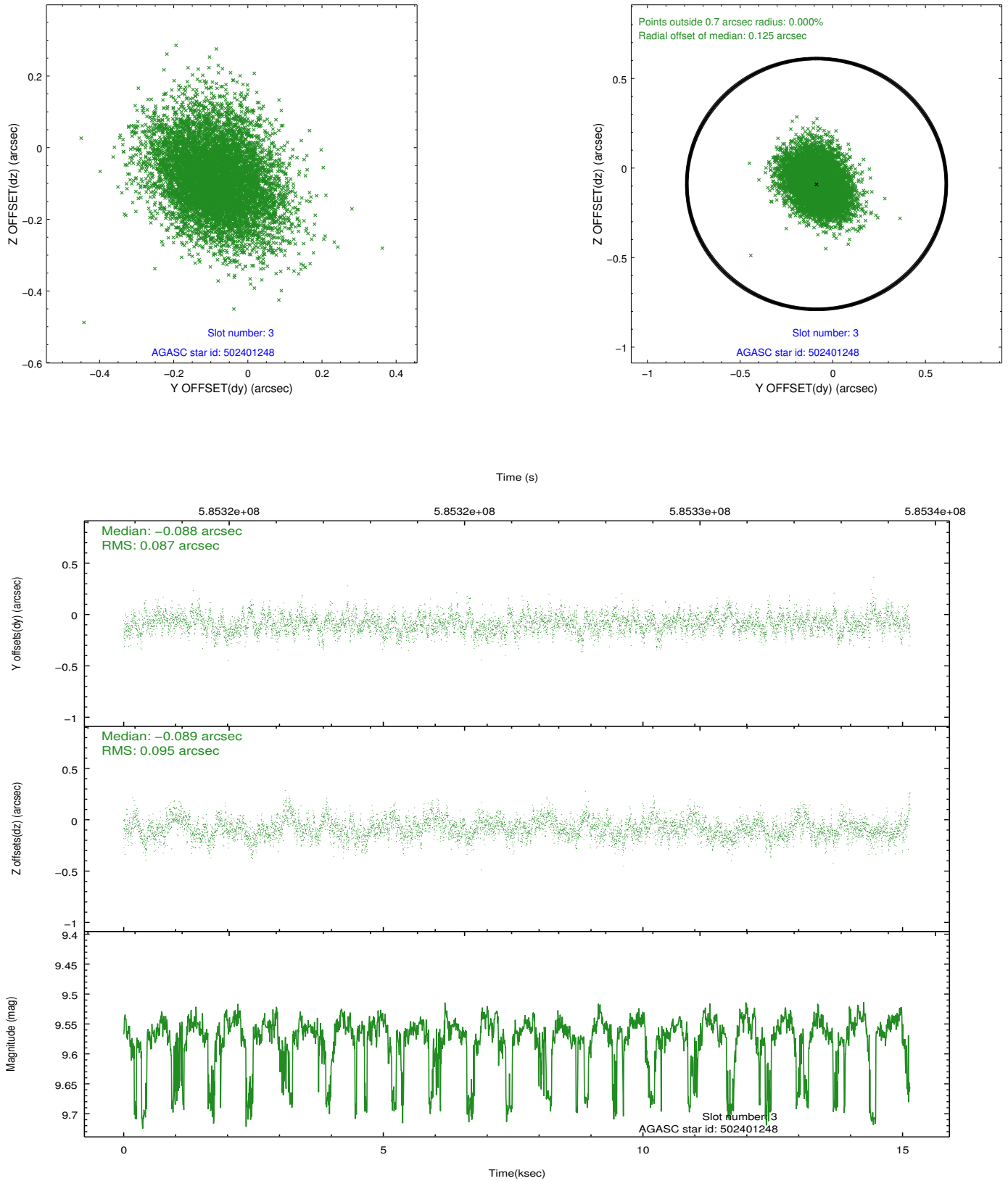


Slot Statistics

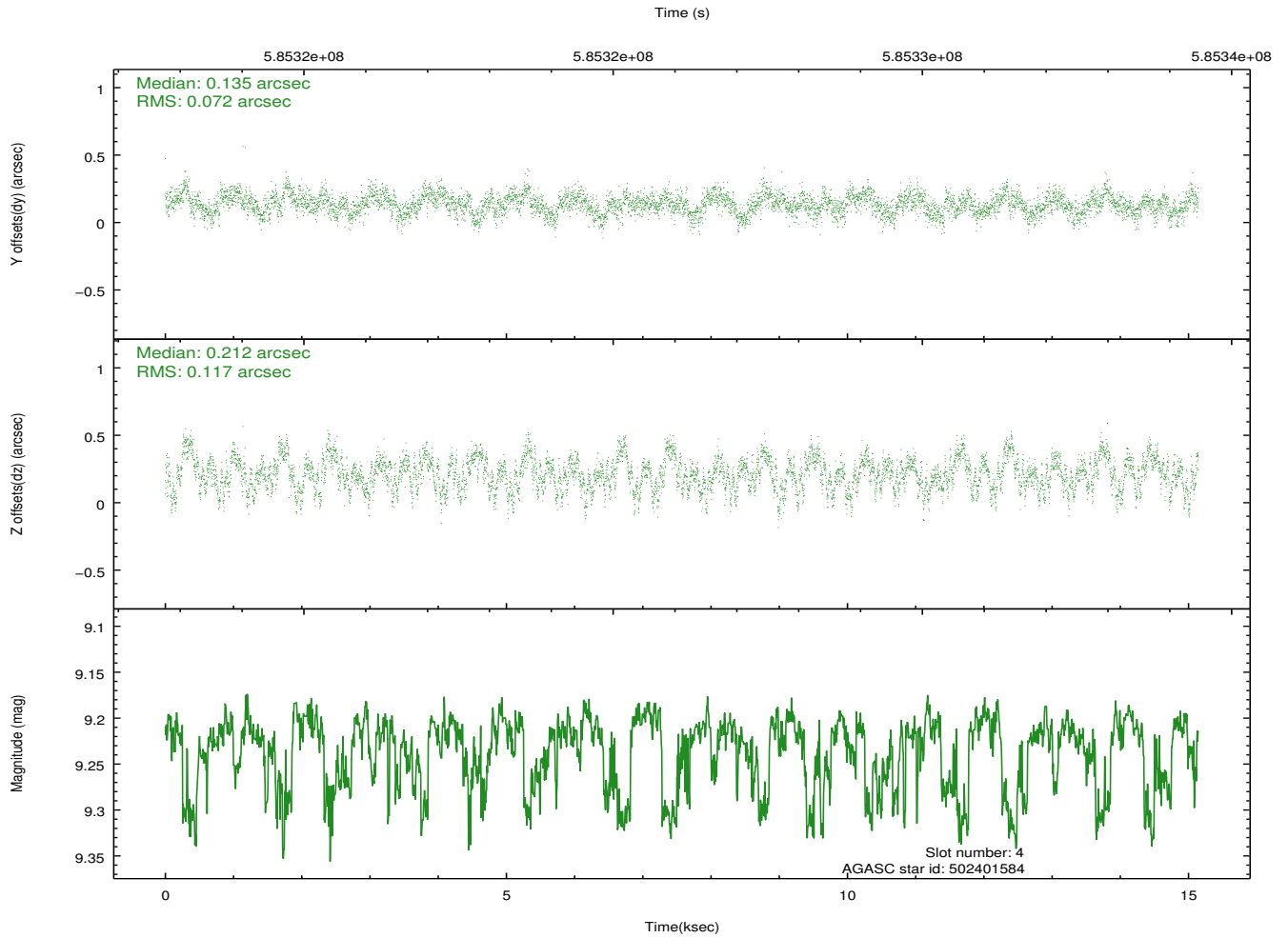
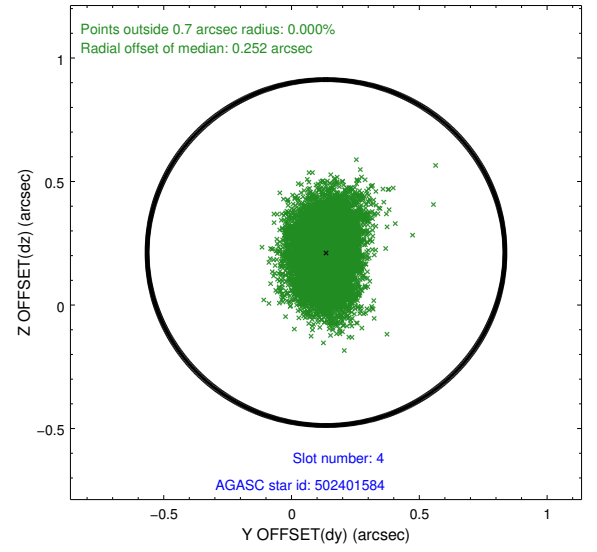
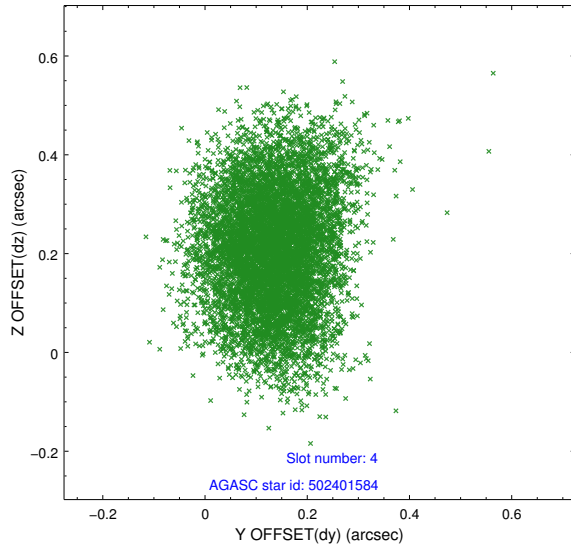
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.11	3695	-0.154	-0.068	0.023	0.031	0.000000	0.000000	-763.16	-1737.75
1	FID		ACIS-S-4	7.23	3695	0.390	0.092	0.013	0.021	0.000000	0.000000	2150.52	170.59
2	FID		ACIS-S-5	7.23	3695	-0.266	-0.015	0.020	0.028	0.000000	0.000000	-1815.74	164.47
3	GUIDE	used	502401248	9.57	7380	-0.088	-0.089	0.135	0.225	180.336622	54.024043	-2125.60	1452.07
4	GUIDE	used	502401584	9.23	7373	0.135	0.212	0.146	0.240	179.380038	53.554192	-843.59	-861.10
5	GUIDE	used	502402184	8.47	7385	-0.036	0.075	0.120	0.187	179.210348	53.093092	713.54	-1542.24
6	GUIDE	used	502406584	9.08	7382	-0.077	-0.166	0.170	0.261	180.309368	52.804990	2181.06	603.77
7	GUIDE	used	502406624	9.66	7377	0.074	-0.039	0.232	0.376	179.046709	52.830332	1572.08	-2076.61

2.4 Star Slots

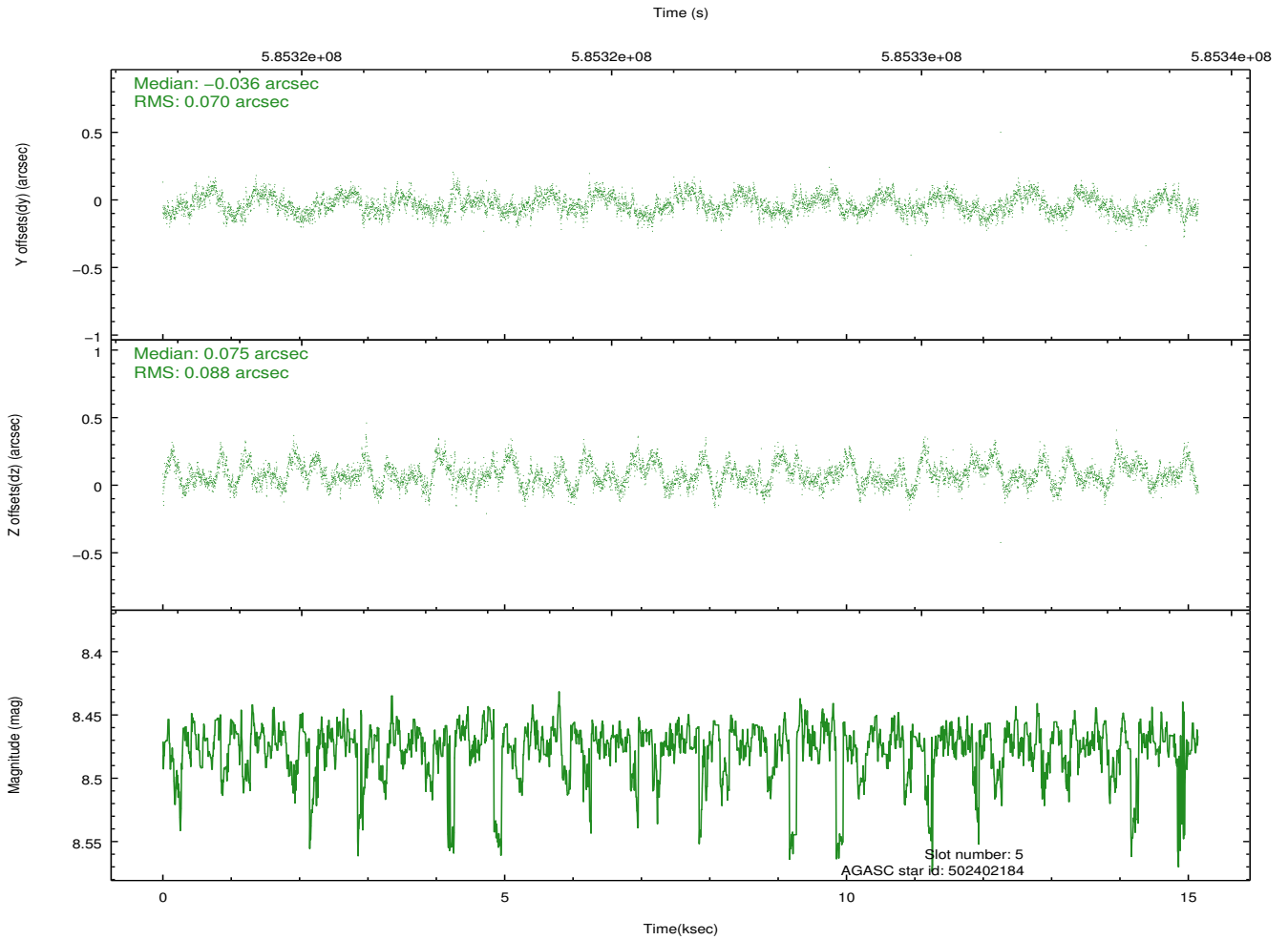
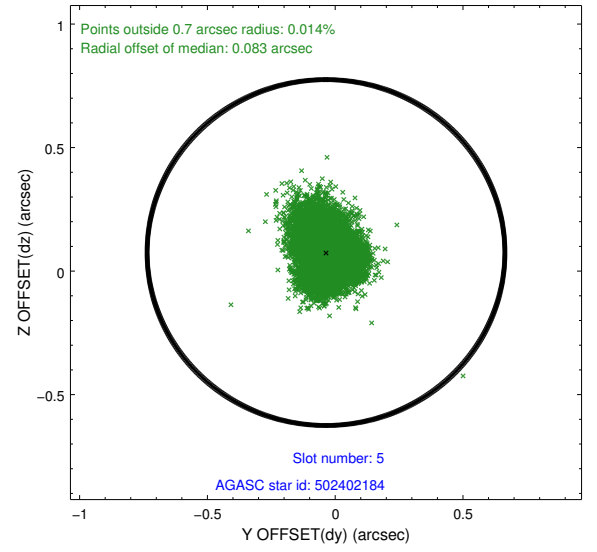
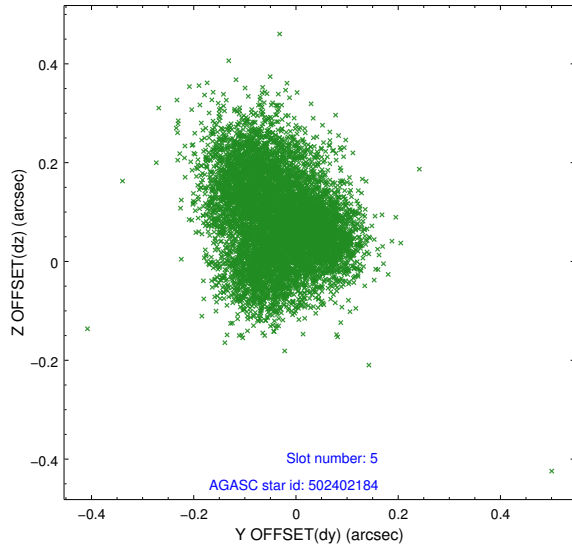
2.4.1 Slot 3



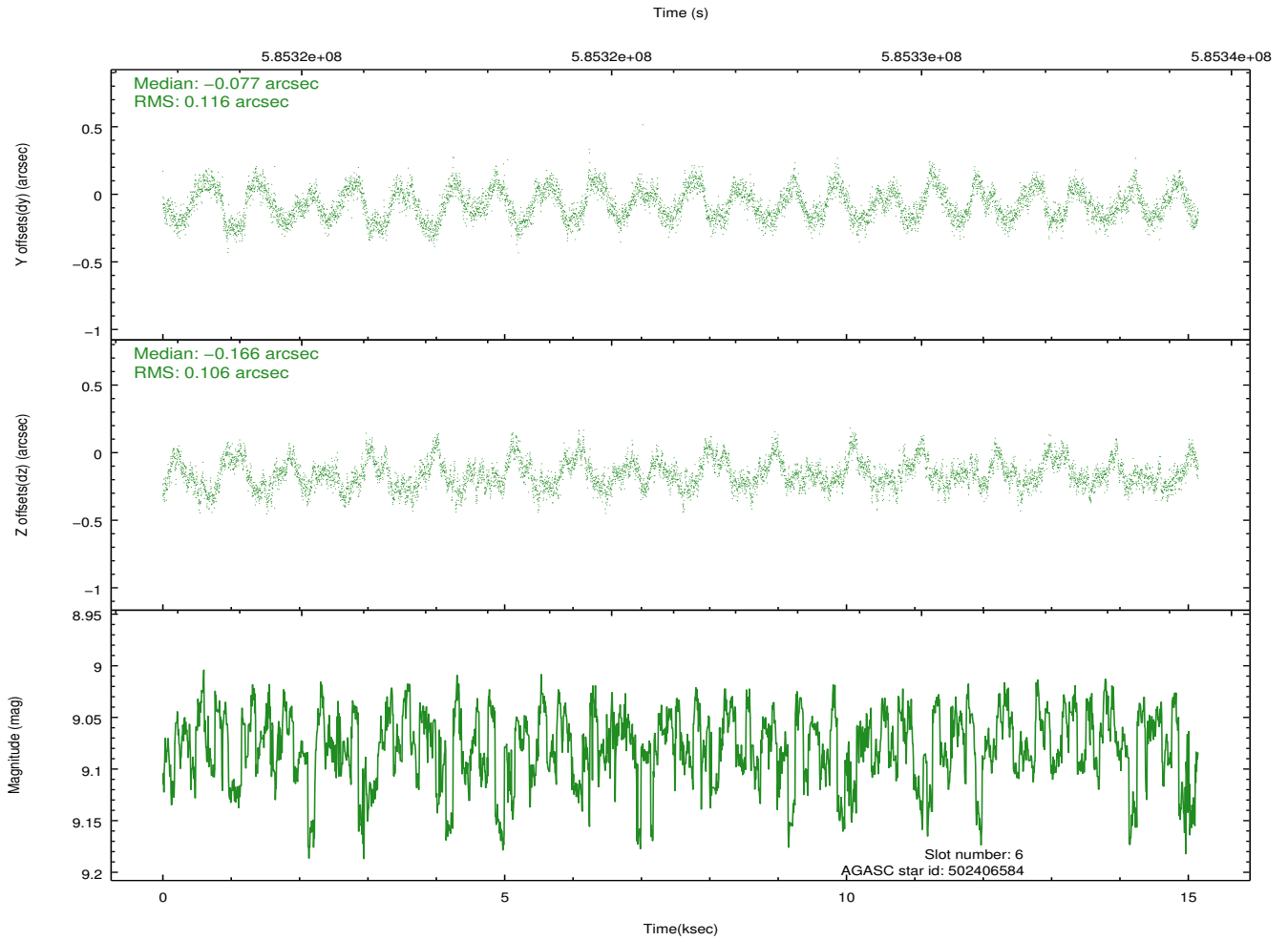
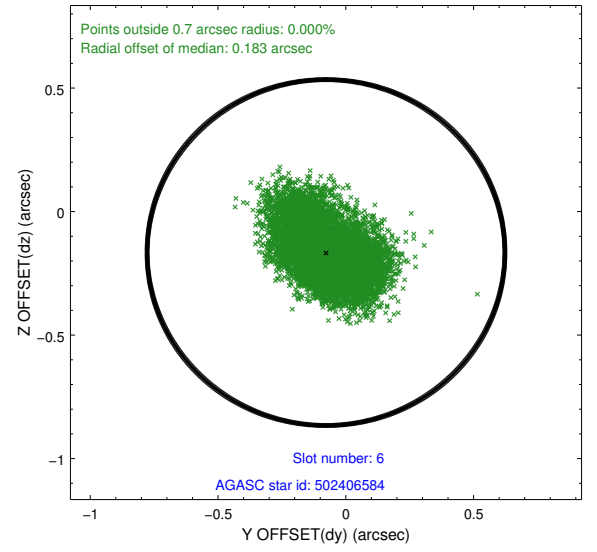
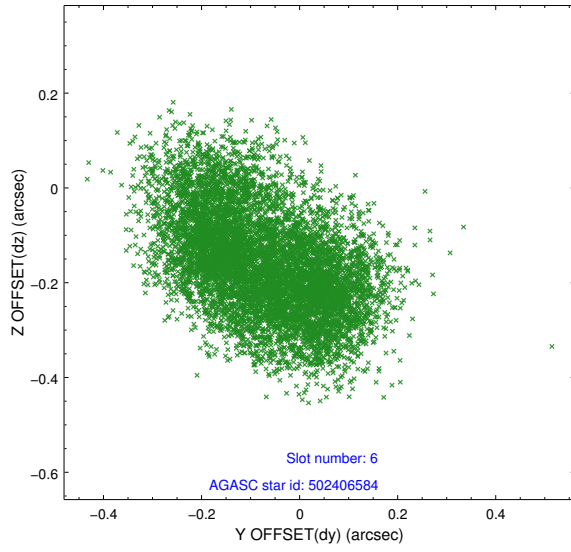
2.4.2 Slot 4



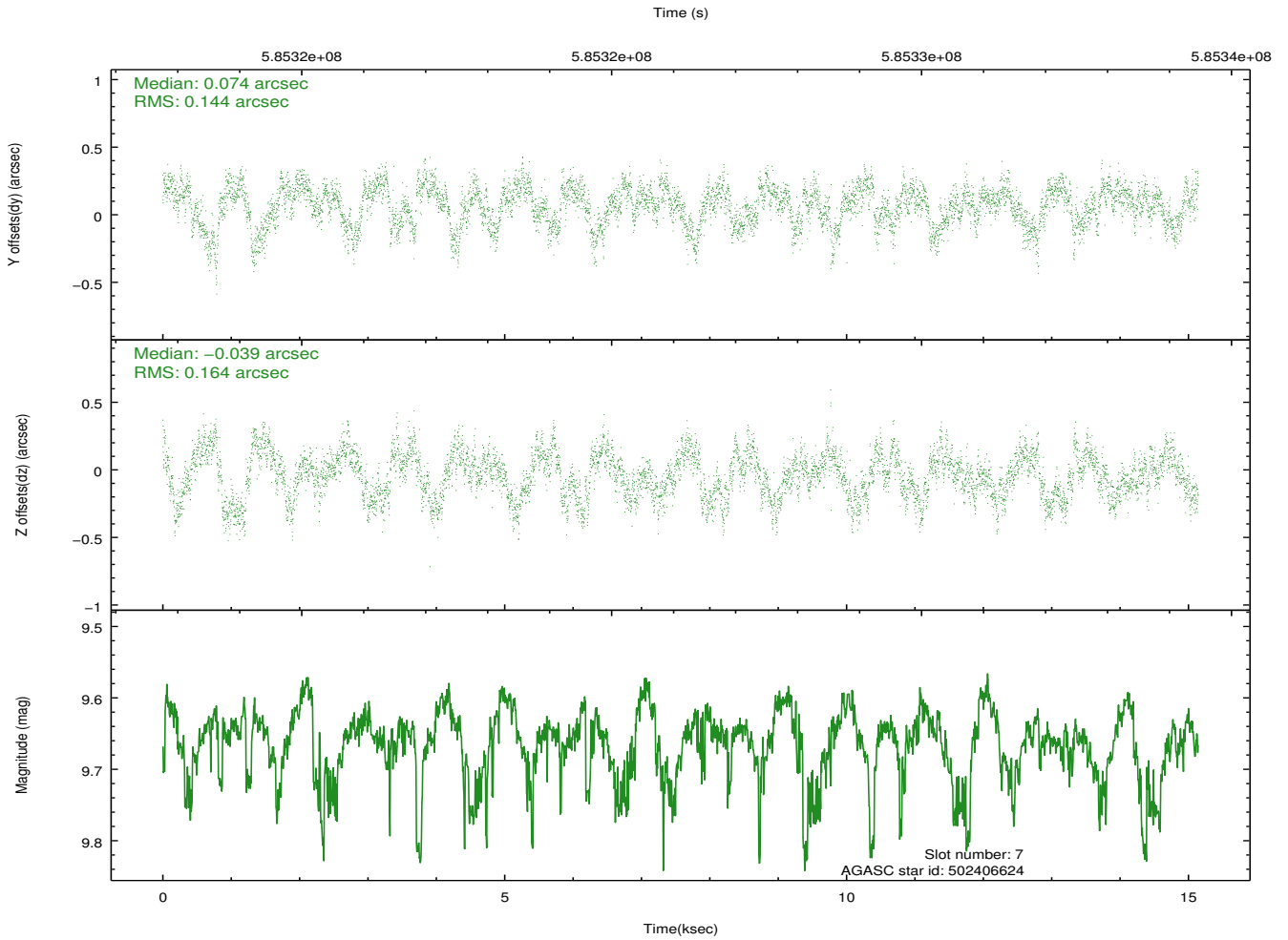
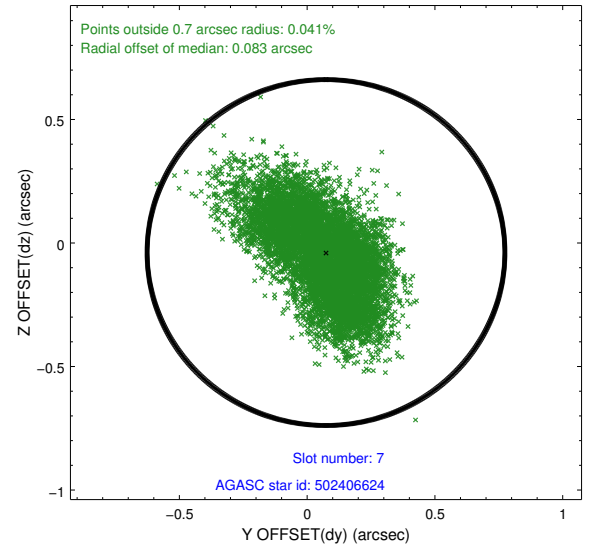
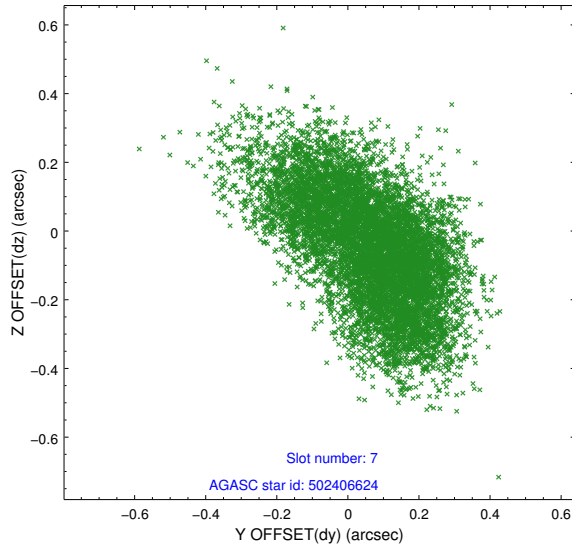
2.4.3 Slot 5



2.4.4 Slot 6

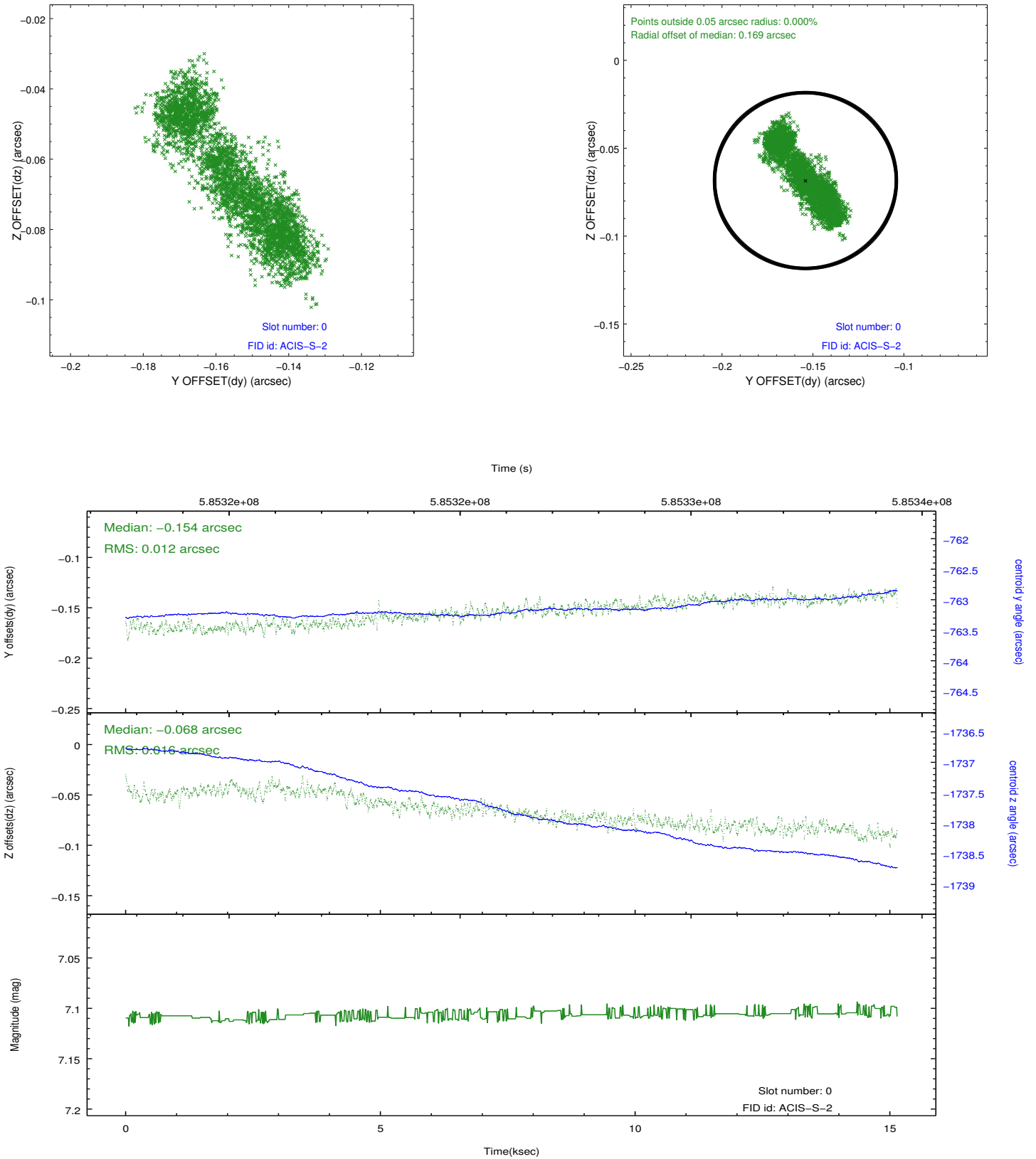


2.4.5 Slot 7

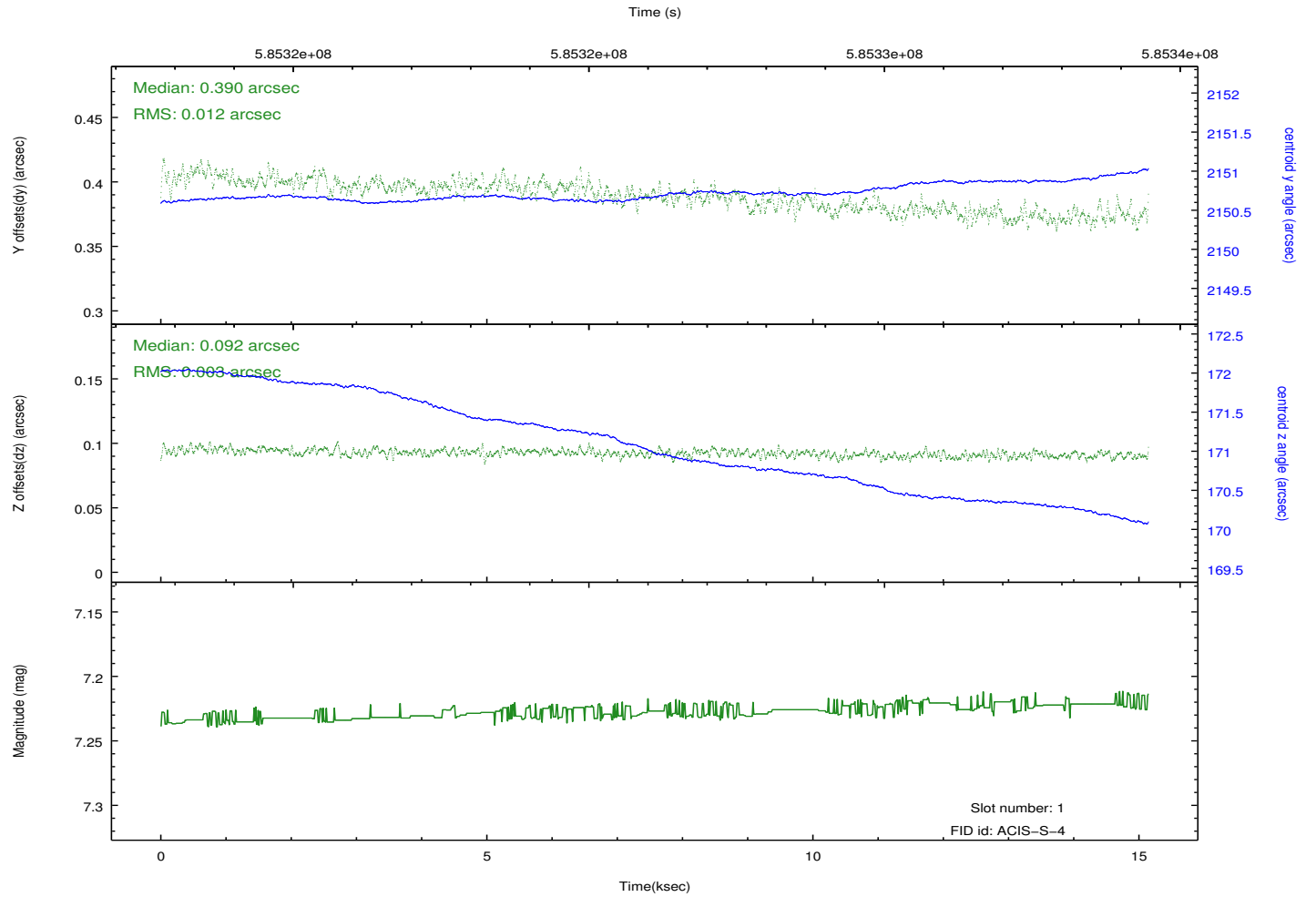
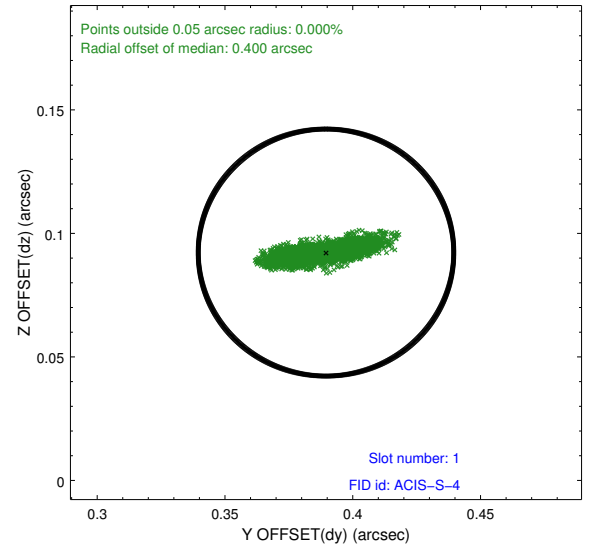
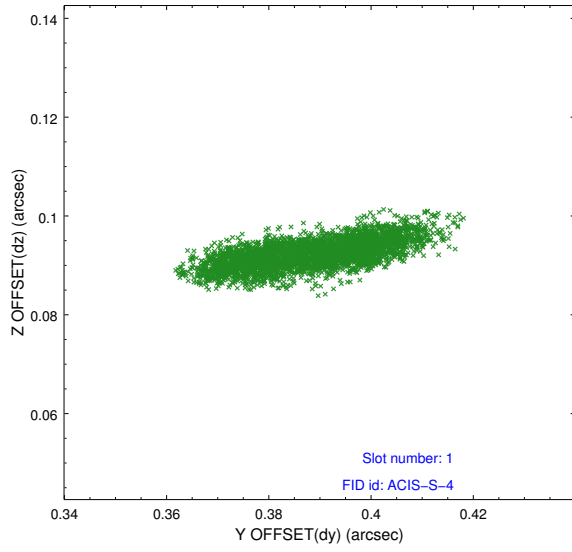


2.5 FID Slots

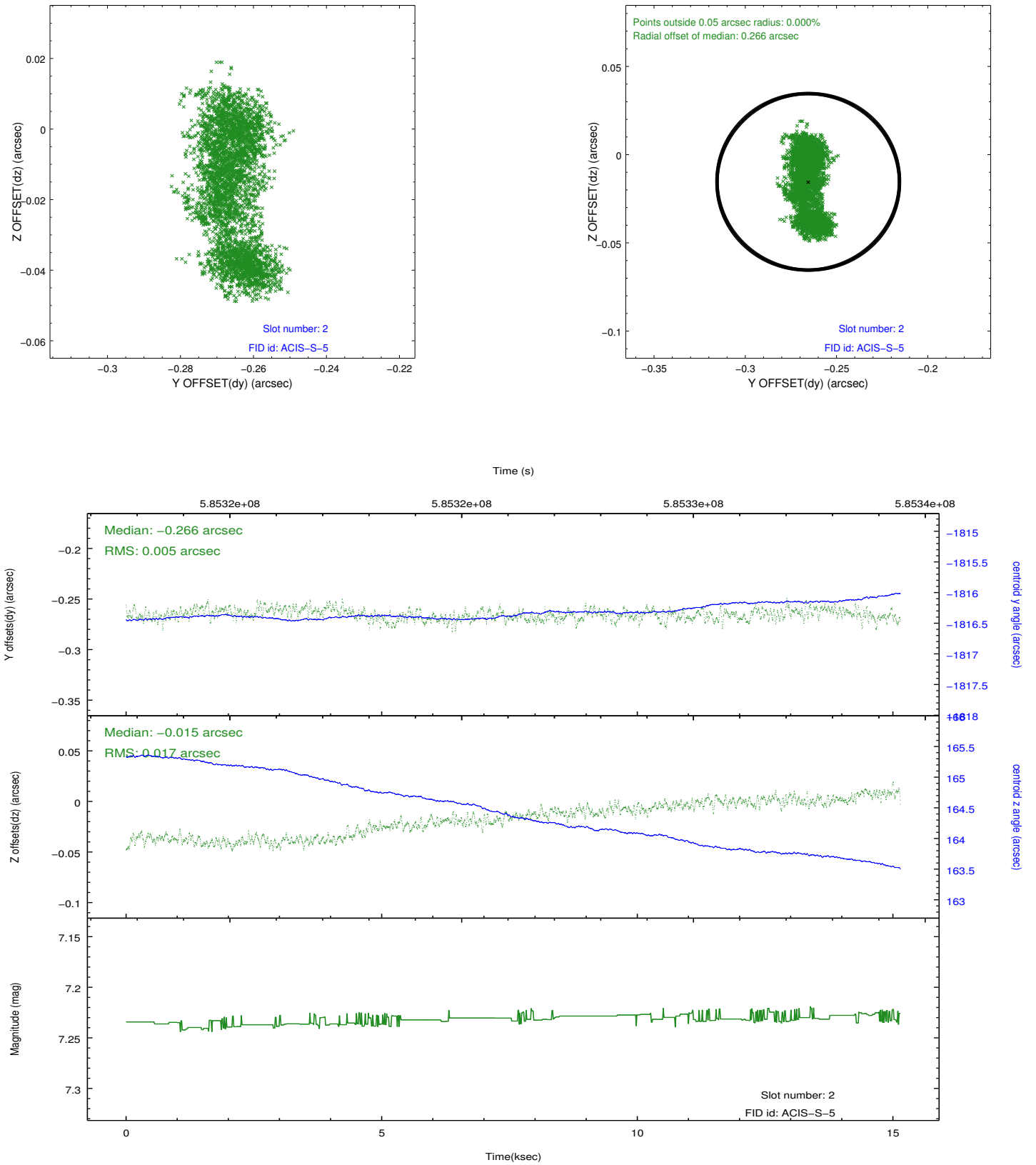
2.5.1 Slot 0



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)	2016.07.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.060535356283

A.2 Comments