

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7736 - L2 Version 2
Chandra X-Ray Center

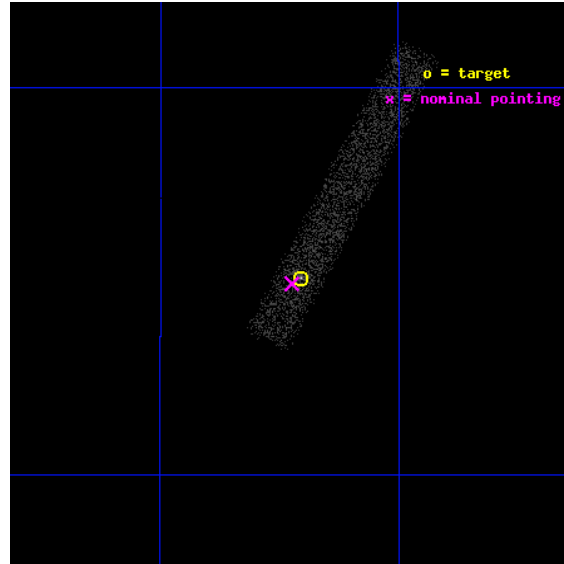
L2 Processing Date : Apr 29 2012

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

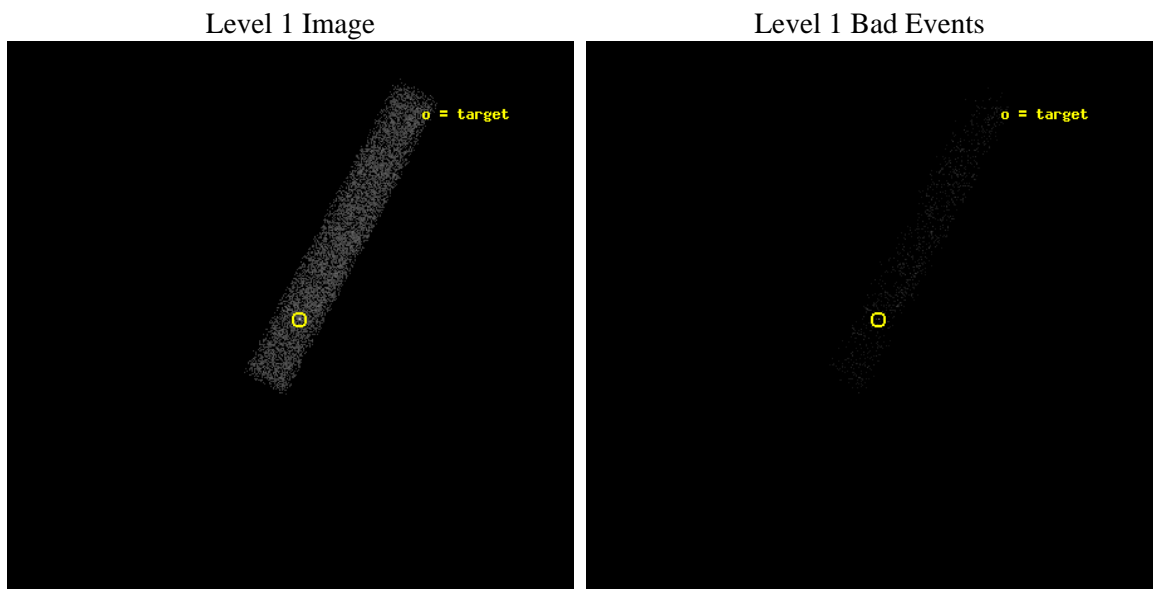
seq_num	701404	Sequence number
obs_id	7736	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes: Part II	
observer	Dr. Luis Ho	Principal investigator
object	SDSS J135724.52+652505.8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	209.352083	Observer's specified target RA [deg]
dec_targ	65.418278	Observer's specified target Dec [deg]
ra_nom	209.36206724909	Nominal RA [deg]
dec_nom	65.415704116135	Nominal Dec [deg]
roll_nom	297.9786555268	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5010.3719233871	Sum of GTIs [s]
livetime	4544.1428653973	Livetime [s]
ontime7	5010.3719233871	Sum of GTIs [s]
l2events	5297	Number of level 2 events



2 OBI

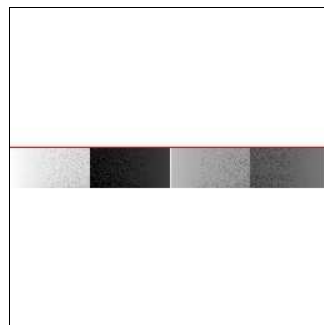
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5010.3719233871	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5010.3719233871	Sum of GTIs [s]
date	2012-04-30T01:18:58	Date and time of file creation	l1events	10537	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

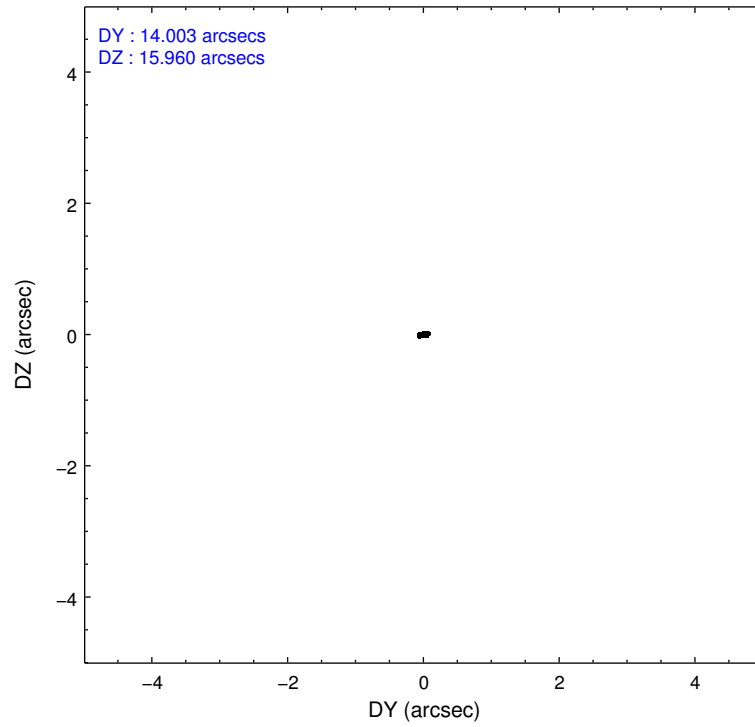
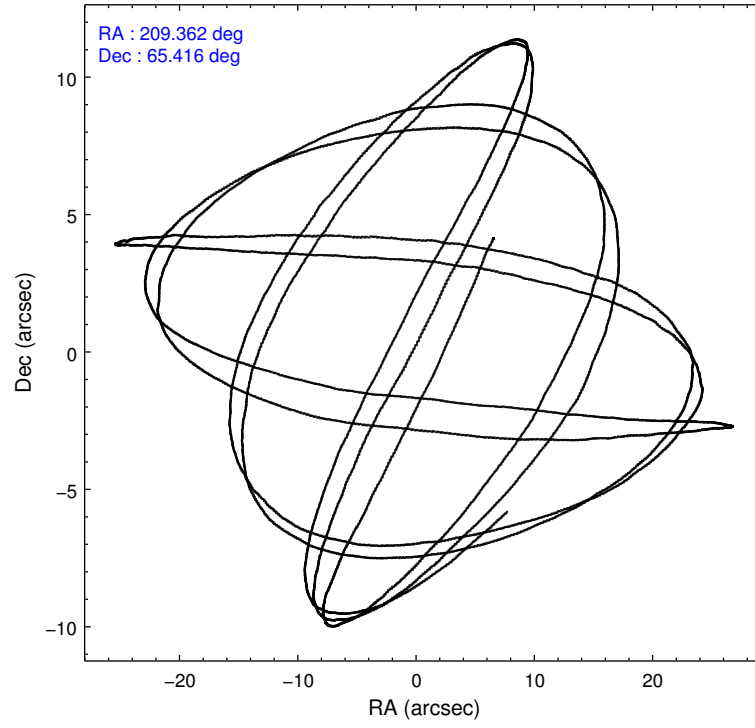
	ccd 7
level 1 events	10537
rejected events	5061
rejected %	48%

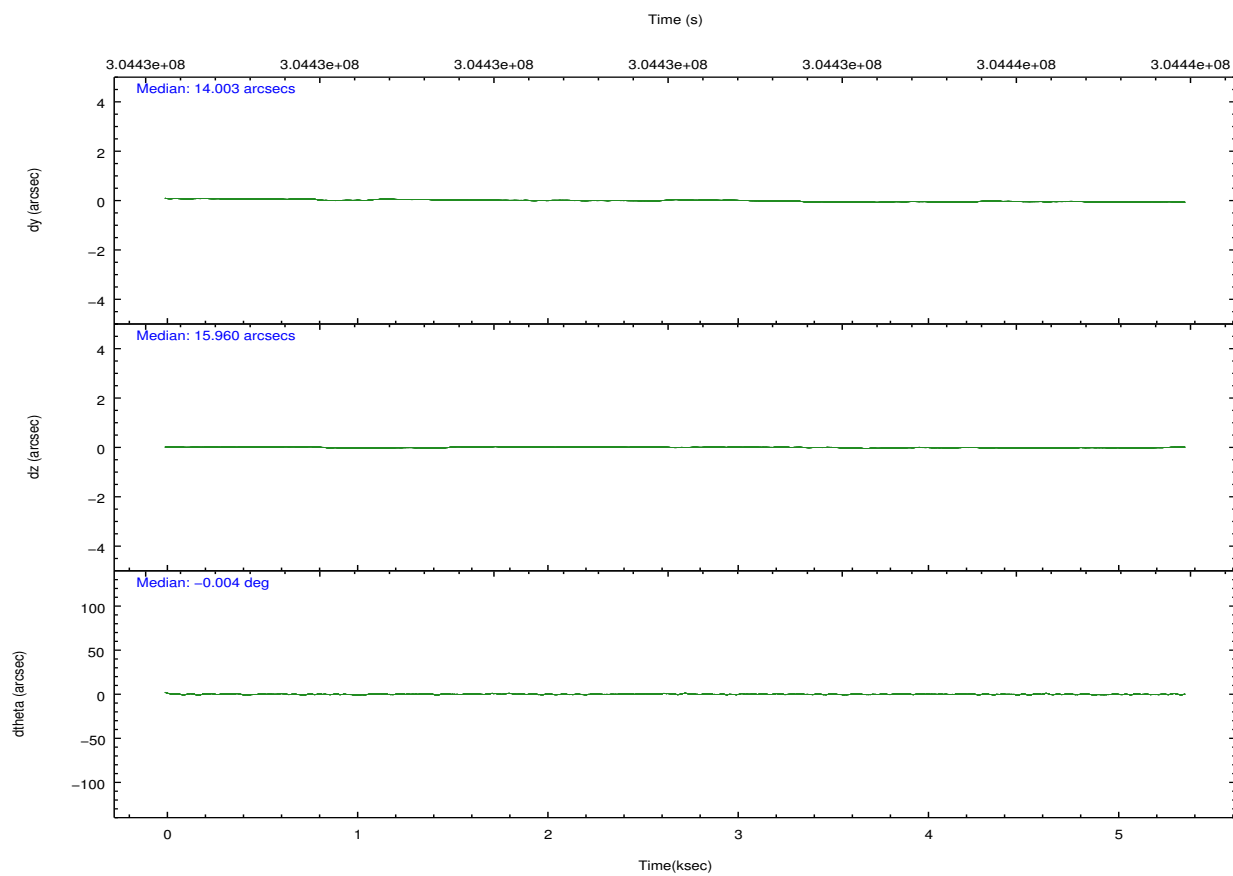
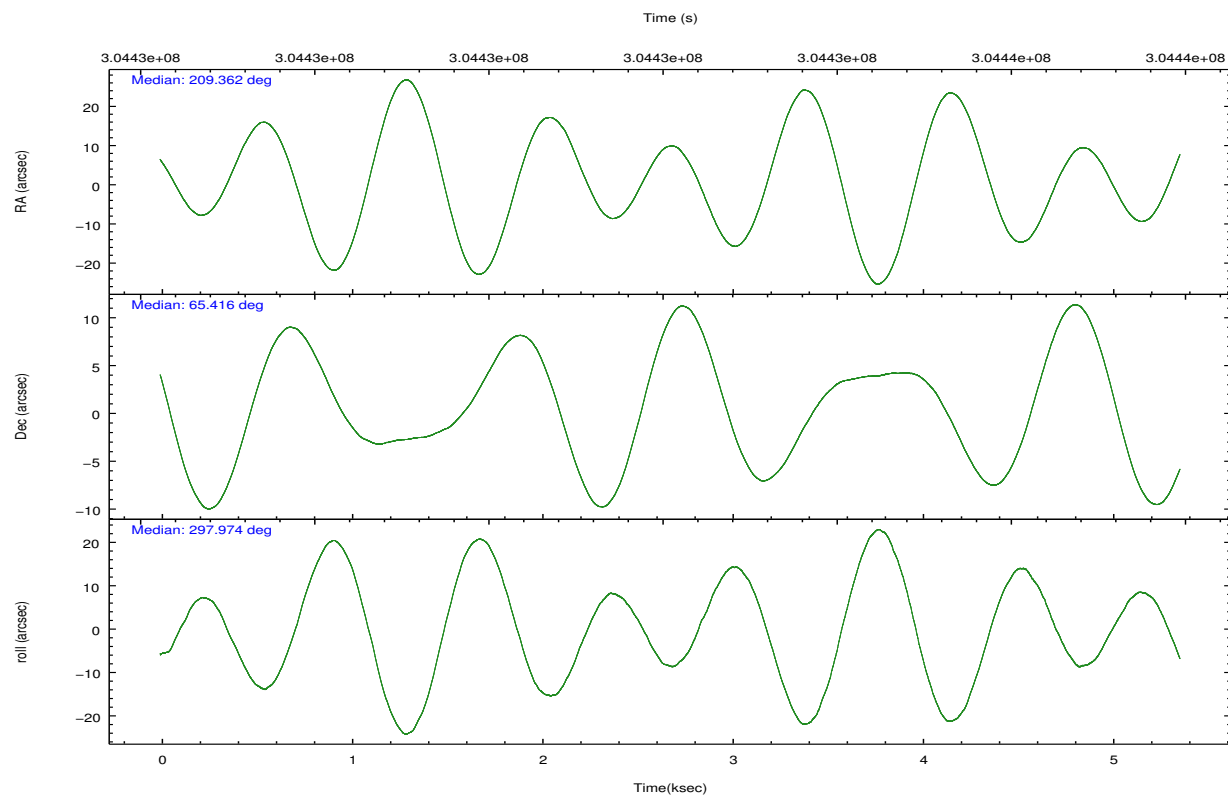
	ccd 7
grade 0 events	933
	8%
grade 1 events	11
	0%
grade 2 events	1139
	10%
grade 3 events	668
	6%
grade 4 events	620
	5%
grade 5 events	928
	8%
grade 6 events	2116
	20%
grade 7 events	4122
	39%

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	209.305931	209.362067249094	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	65.430001	65.41570411613458	Subarray start row	449	449
[deg] Pointing Roll	297.873086	297.9786555268008	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	304430716.184000	304430092.34228			
Observation start date	2007-08-25T12:04:11	2007-08-25T11:54:52			
[s] Observation end time (MET)	304435716.184000	304436651.8301			
Observation end date	2007-08-25T13:27:31	2007-08-25T13:44:11			
Read mode	TIMED	TIMED			

2.3 Aspect



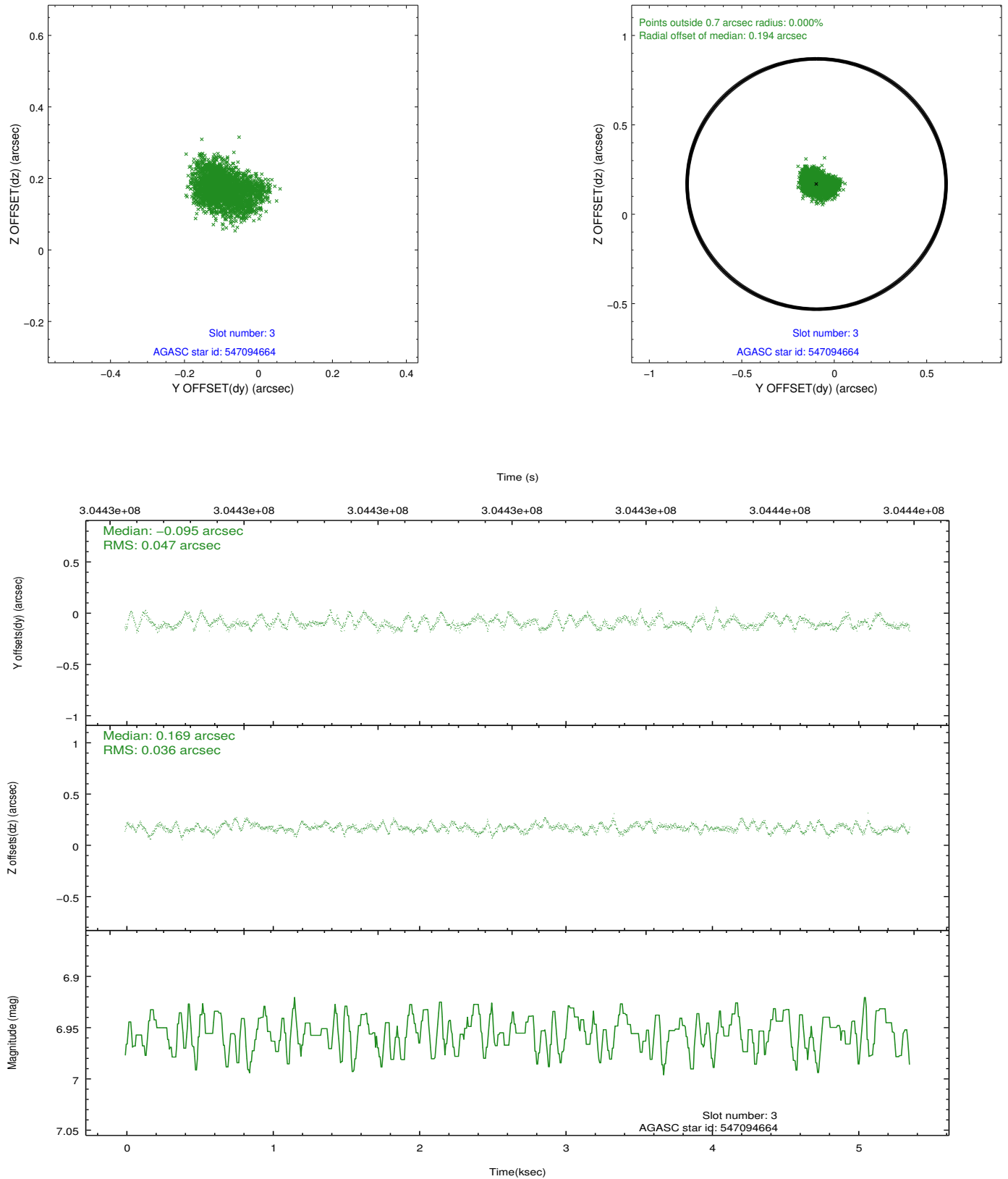


Slot Statistics

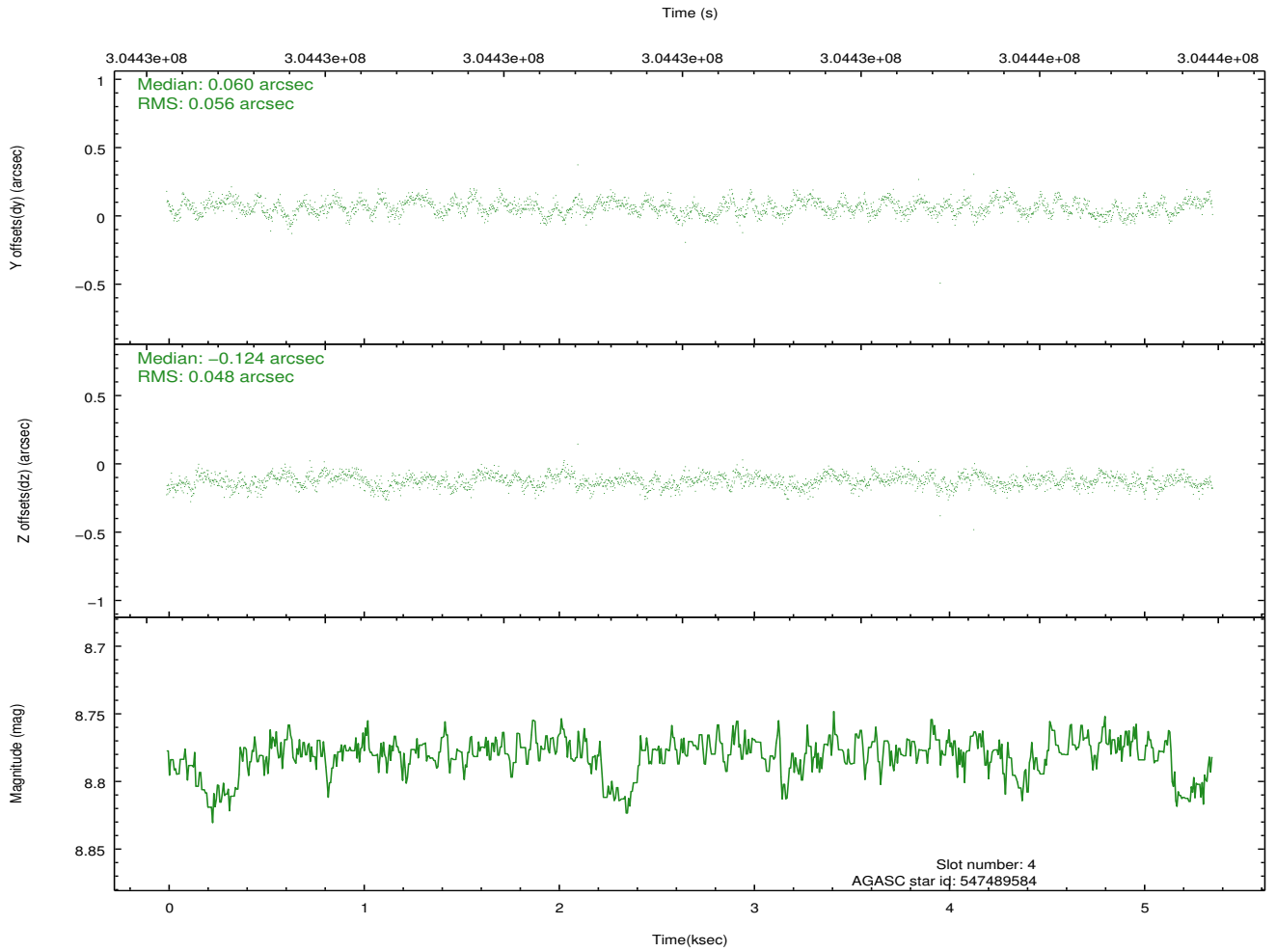
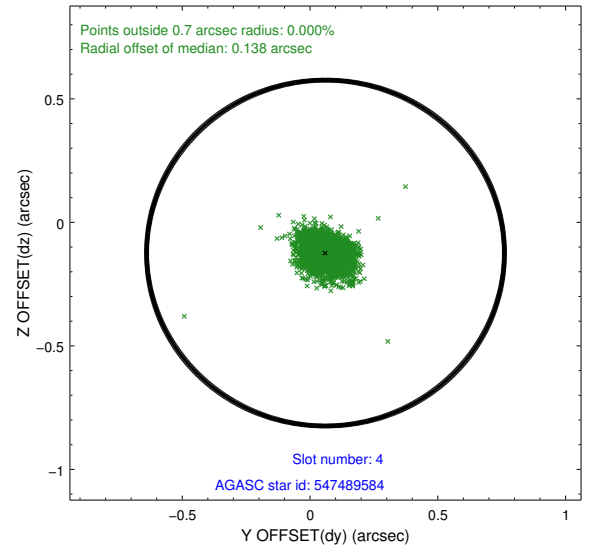
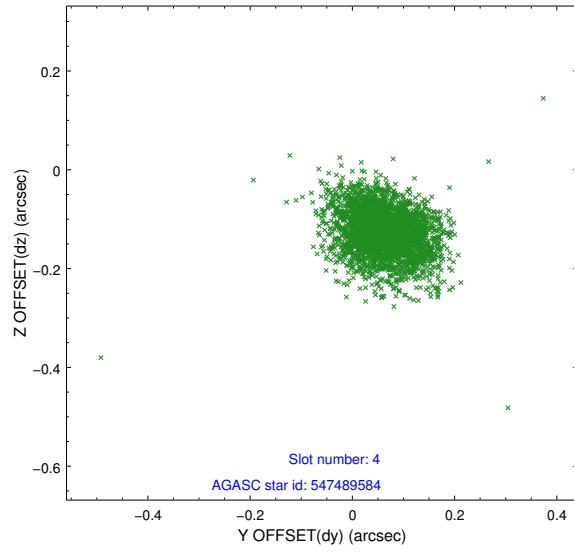
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1308	-0.065	-0.025	0.007	0.012	0.000000	0.000000	-767.00	-1737.34
1	FID	ACIS-S-4	7.19	1308	0.197	0.038	0.006	0.011	0.000000	0.000000	2146.02	170.05
2	FID	ACIS-S-5	7.22	1308	-0.163	-0.004	0.006	0.011	0.000000	0.000000	-1818.51	164.95
3	GUIDE	547094664	6.96	2616	-0.095	0.169	0.064	0.101	209.620086	64.893864	1929.16	-476.83
4	GUIDE	547489584	8.78	2614	0.060	-0.124	0.076	0.123	210.098185	66.071429	-1506.35	2105.76
5	GUIDE	547489920	8.54	2616	0.032	-0.136	0.083	0.133	211.027001	65.346431	1441.96	2161.48
6	GUIDE	547490760	7.64	2614	-0.058	0.099	0.057	0.087	209.105135	65.350744	113.00	-399.42
7	GUIDE	547495824	7.61	2615	0.049	-0.011	0.059	0.099	209.657441	66.100854	-1897.01	1583.01

2.4 Star Slots

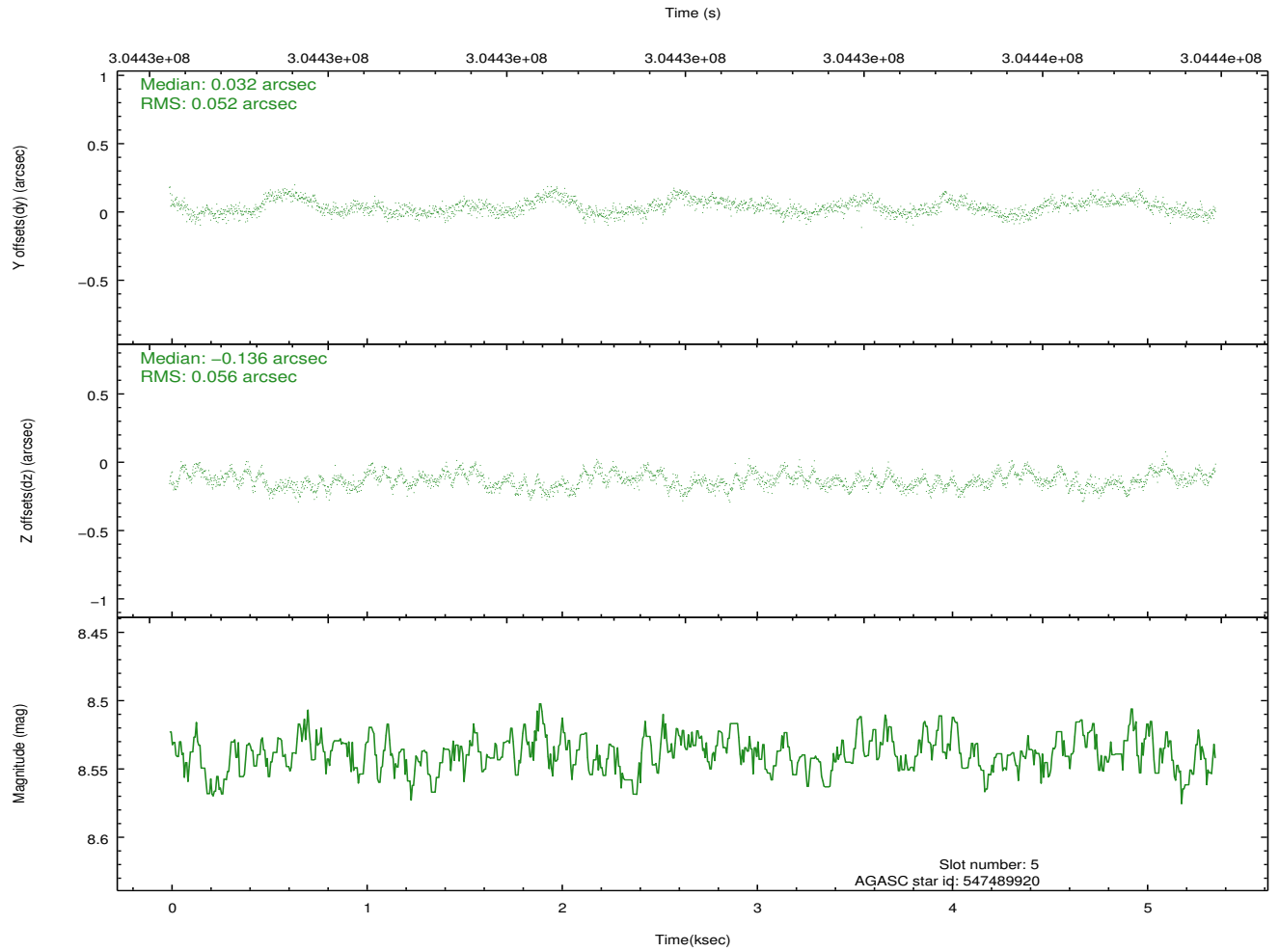
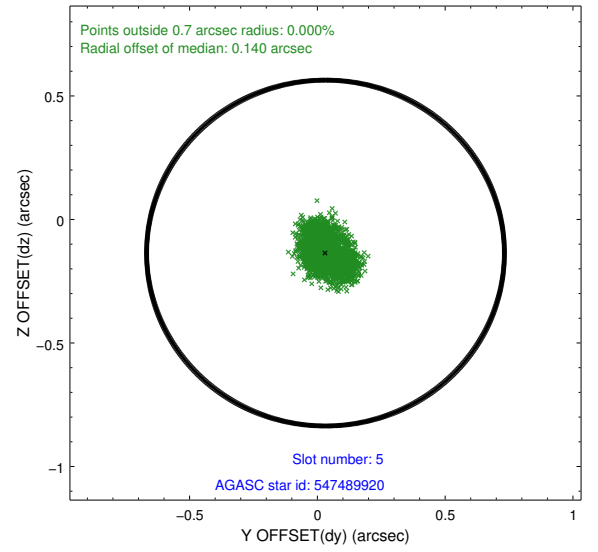
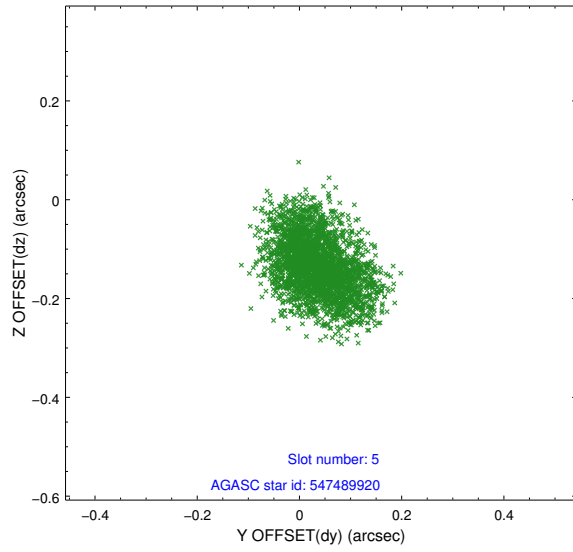
2.4.1 Slot 3



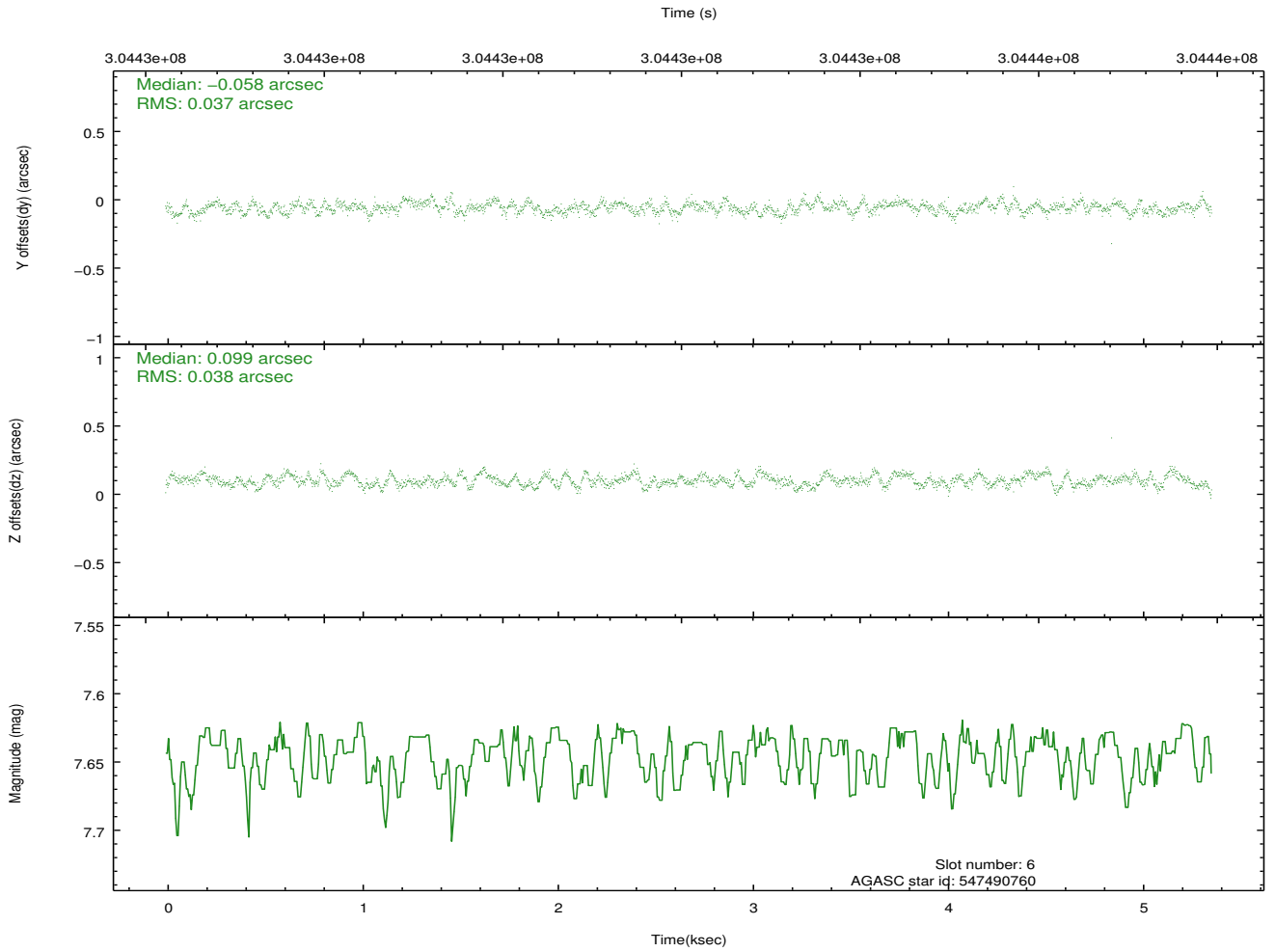
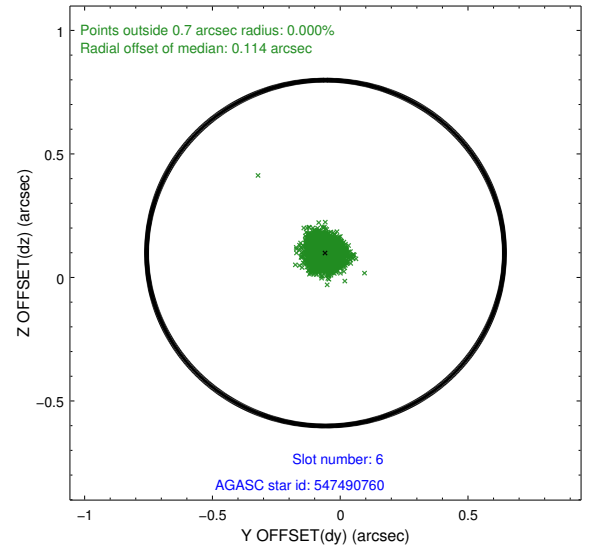
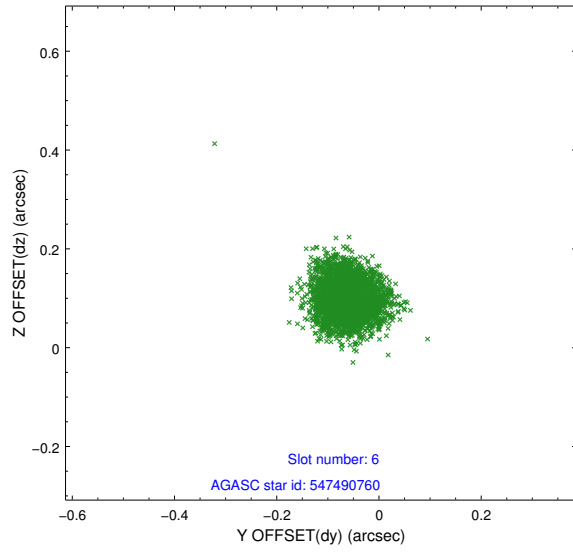
2.4.2 Slot 4



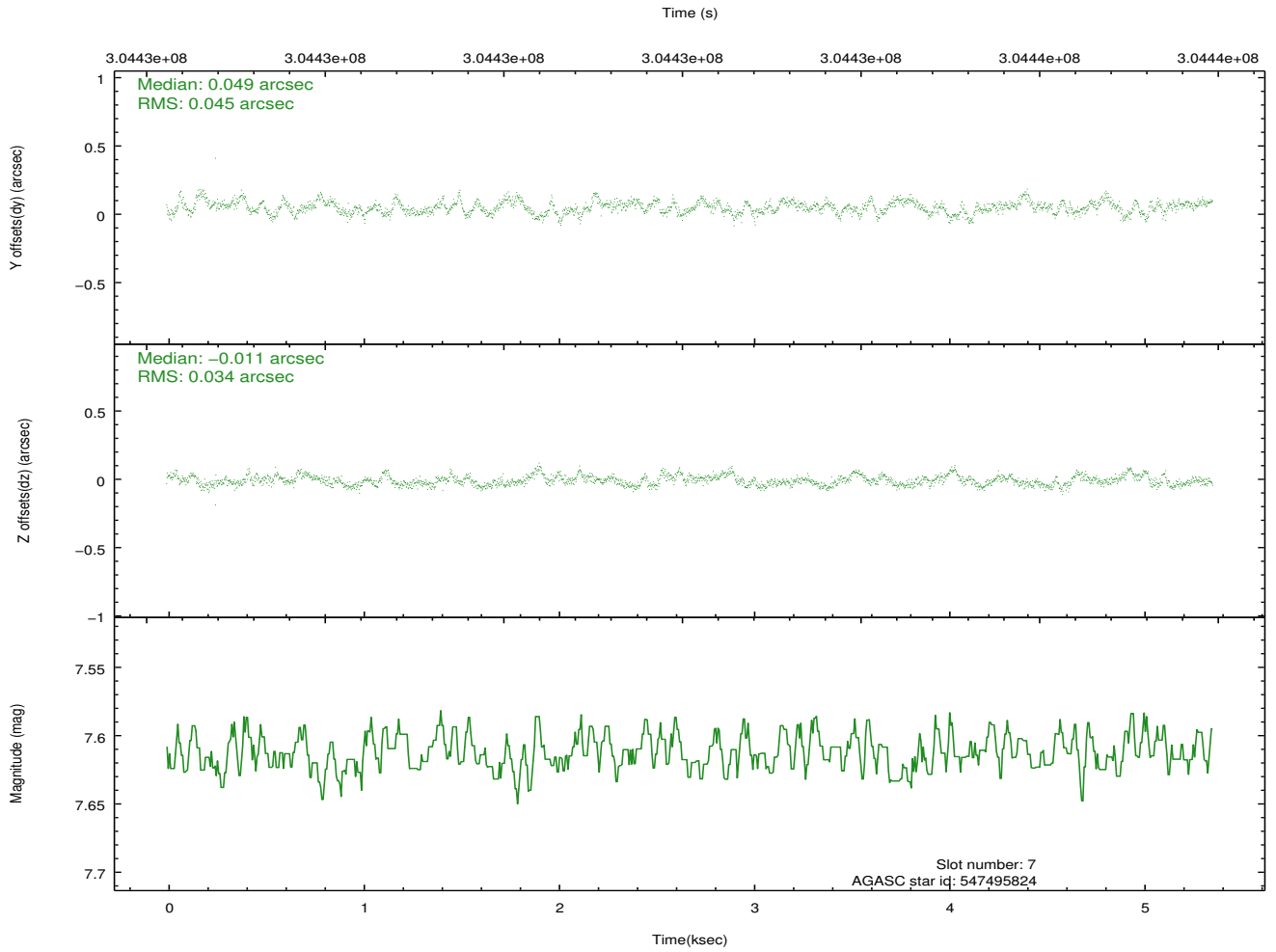
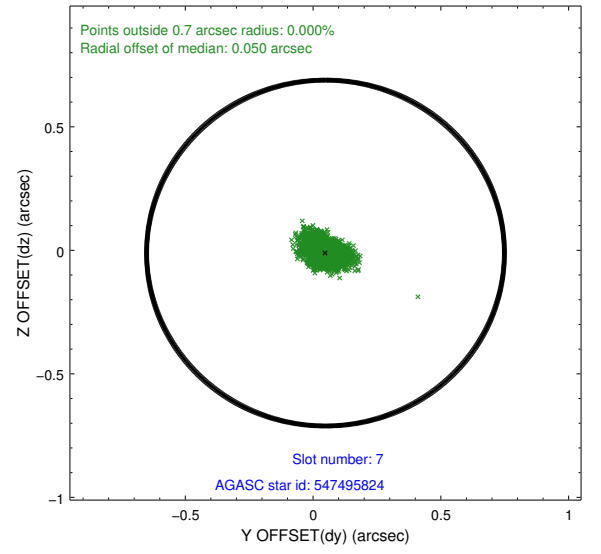
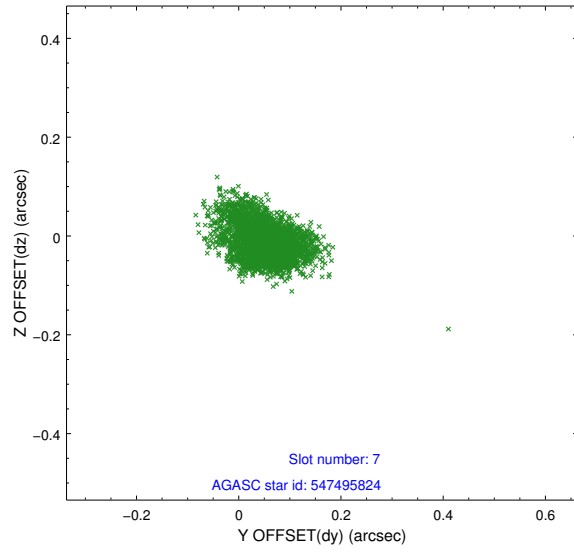
2.4.3 Slot 5



2.4.4 Slot 6

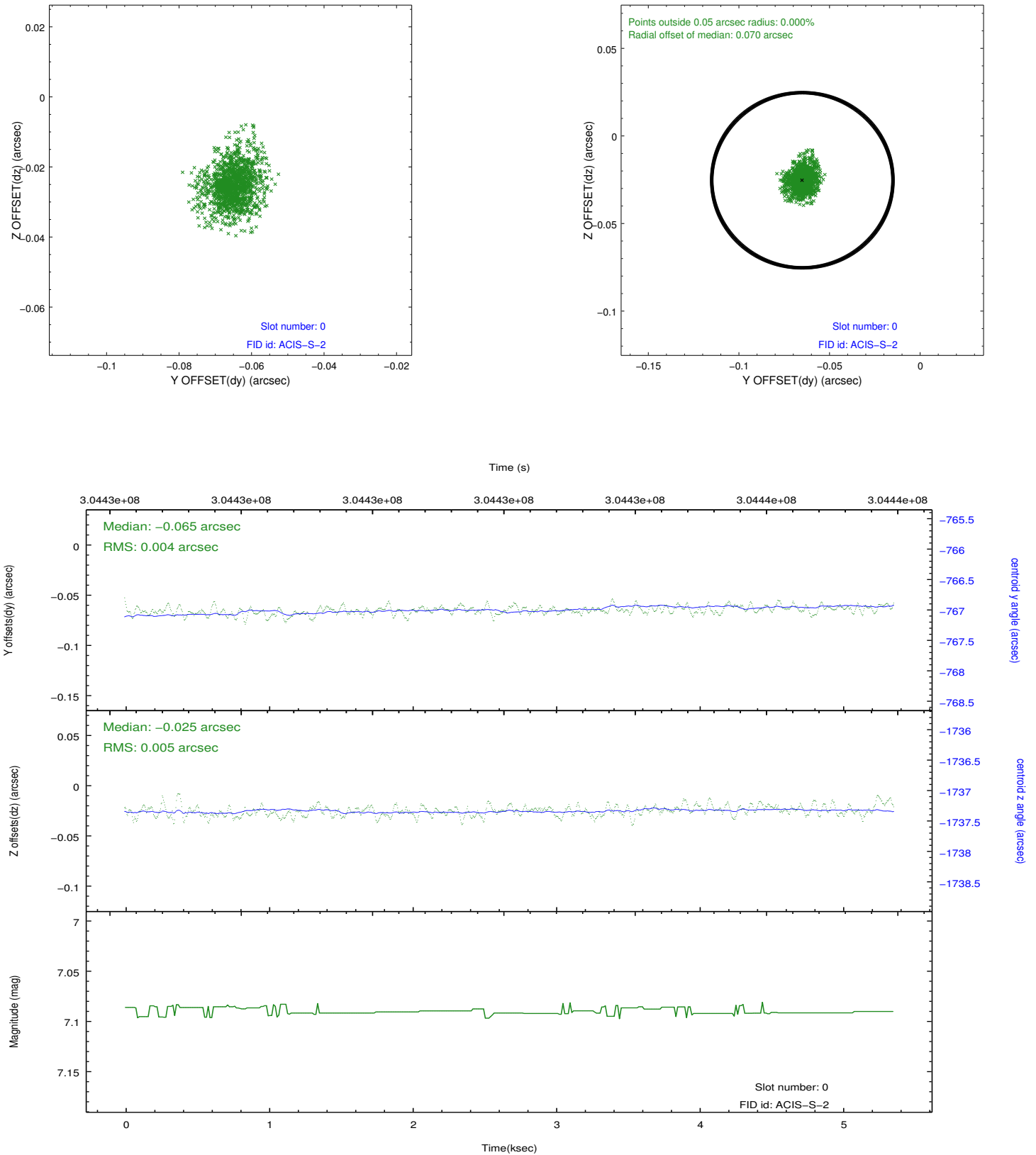


2.4.5 Slot 7

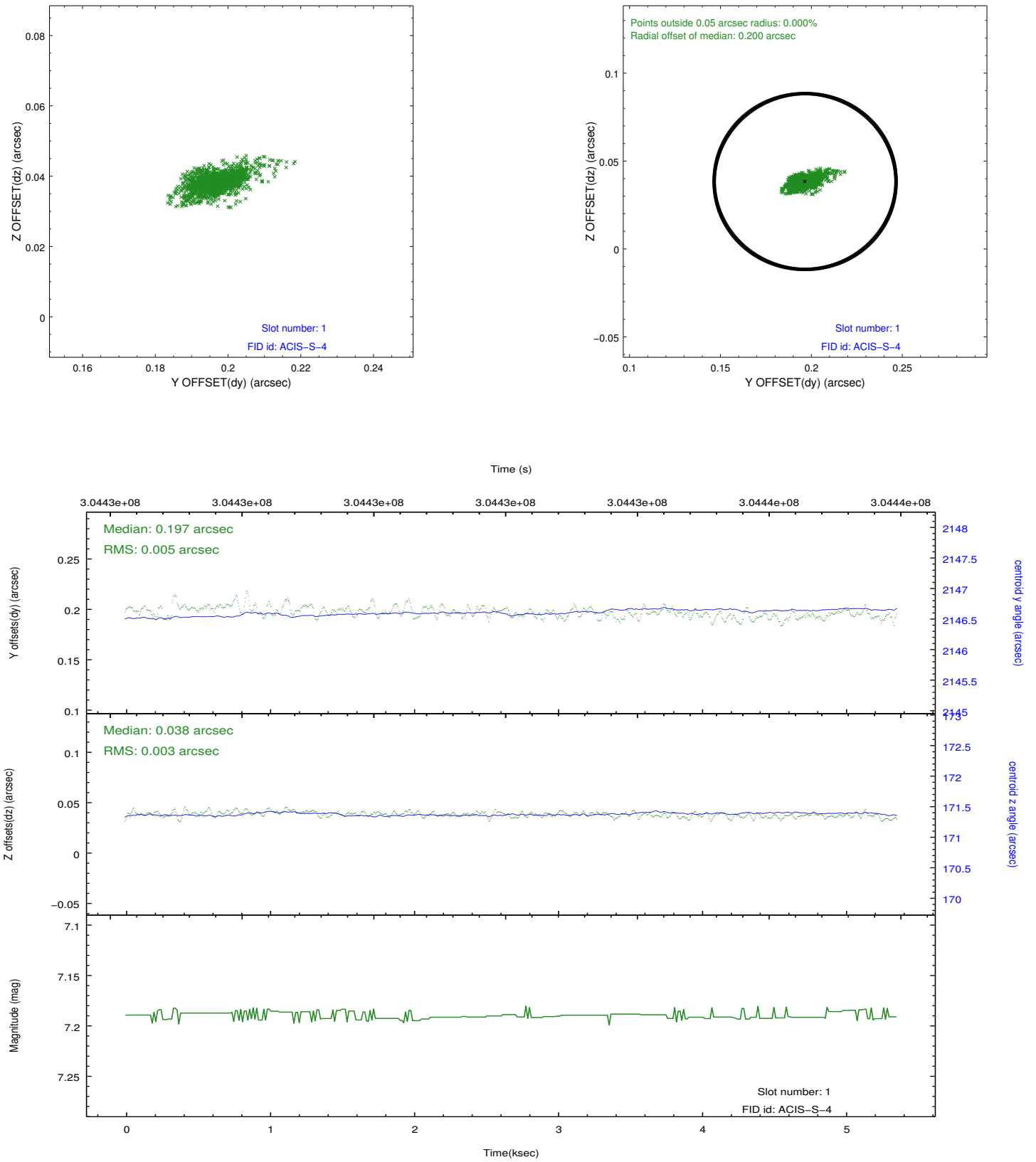


2.5 FID Slots

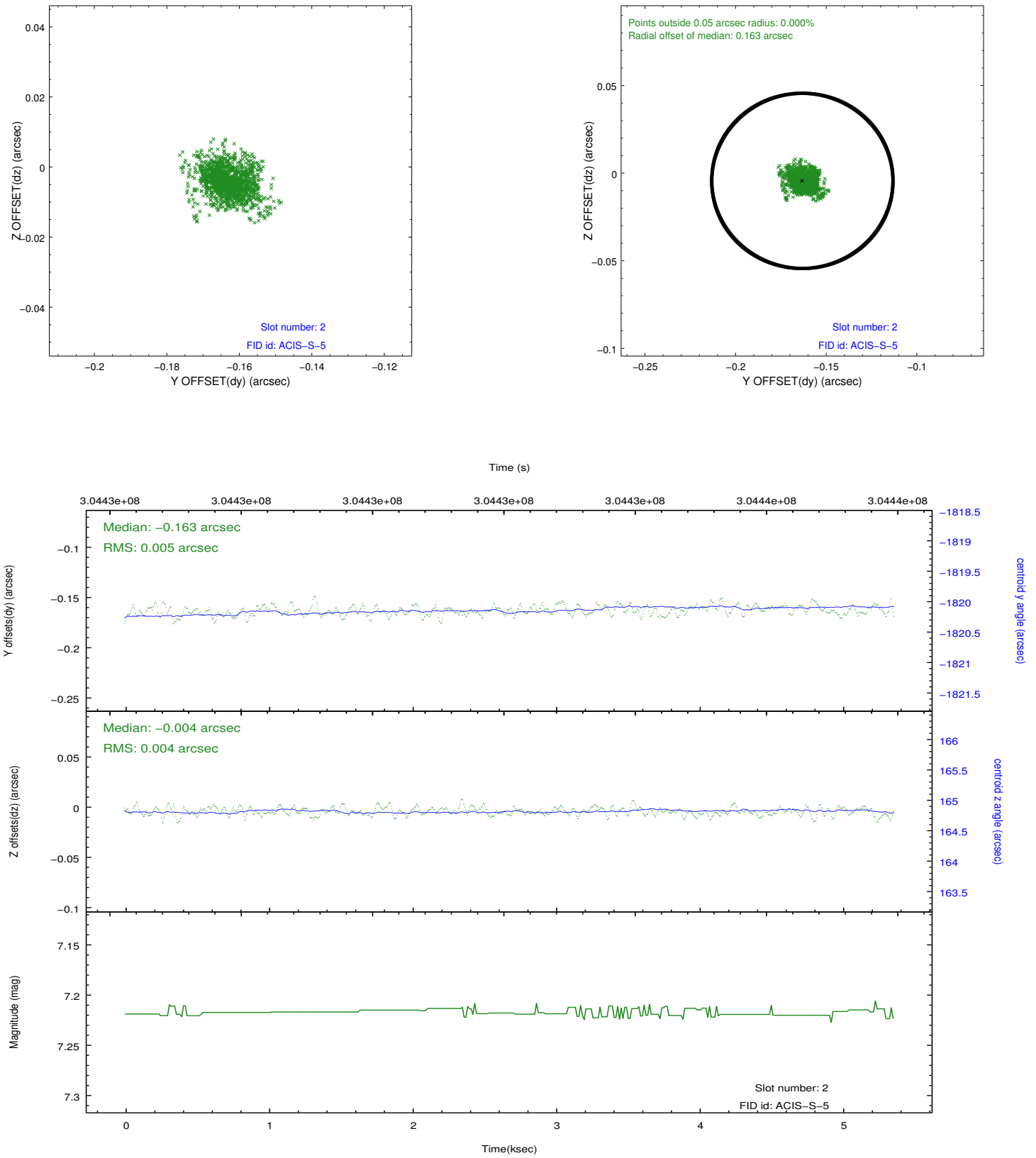
2.5.1 Slot 0



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)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0103997

A.2 Comments