

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 13324 - L2 Version 1
Chandra X-Ray Center

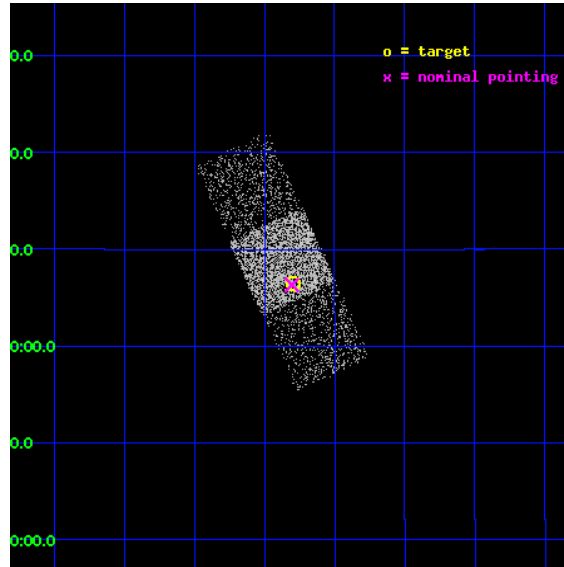
L2 Processing Date : Jun 11 2012

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1 Front

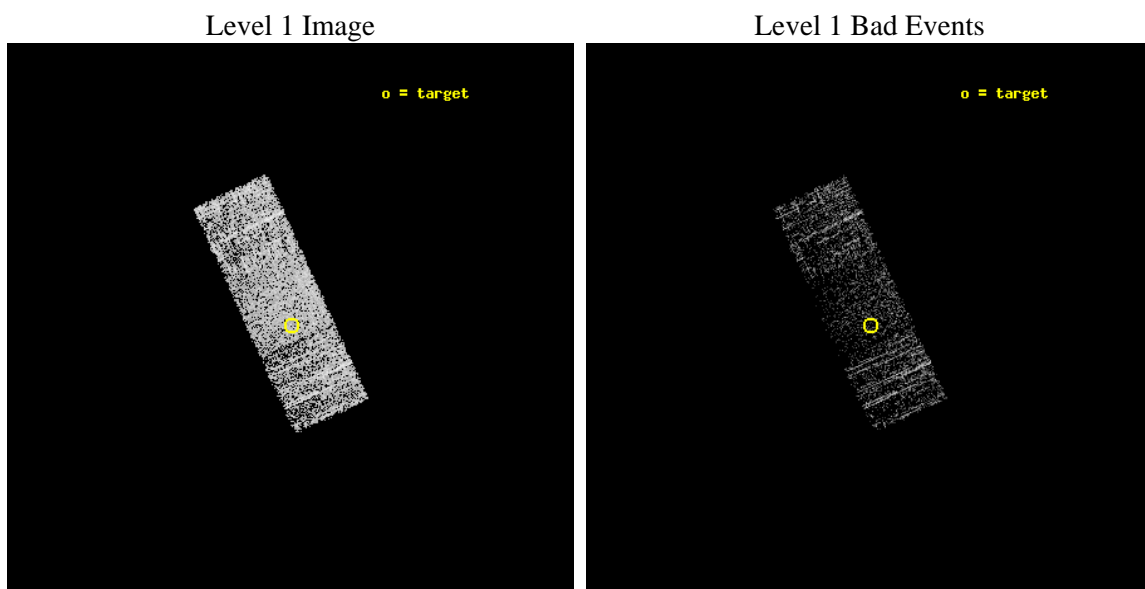
seq_num	702531	Sequence number
obs_id	13324	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	SDSS J1201+1206	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	180.449583	Observer's specified target RA [deg]
dec_targ	12.108389	Observer's specified target Dec [deg]
ra_nom	180.45108435848	Nominal RA [deg]
dec_nom	12.105586076073	Nominal Dec [deg]
roll_nom	245.26445122176	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1577.0497494936	Sum of GTIs [s]
livetime	1556.4444335093	Livetime [s]
ontime6	1577.0087094903	Sum of GTIs [s]
ontime7	1577.0497494936	Sum of GTIs [s]
ontime8	1576.967669487	Sum of GTIs [s]
l2events	6114	Number of level 2 events



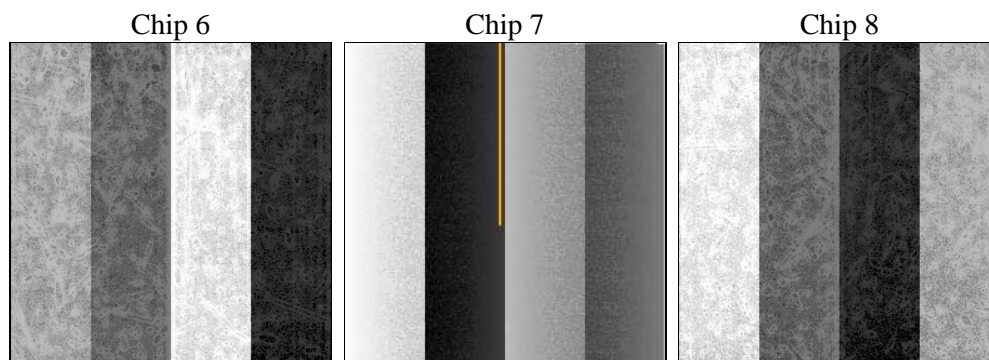
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1577.0497494936	Sum of GTIs [s]
caldsver	4.4.10	 	ontime6	1577.0087094903	Sum of GTIs [s]
date	2012-06-11T22:31:14	Date and time of file creation	ontime7	1577.0497494936	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1576.967669487	Sum of GTIs [s]
			l1events	28022	Number of level 1 events

2.1.4 Events

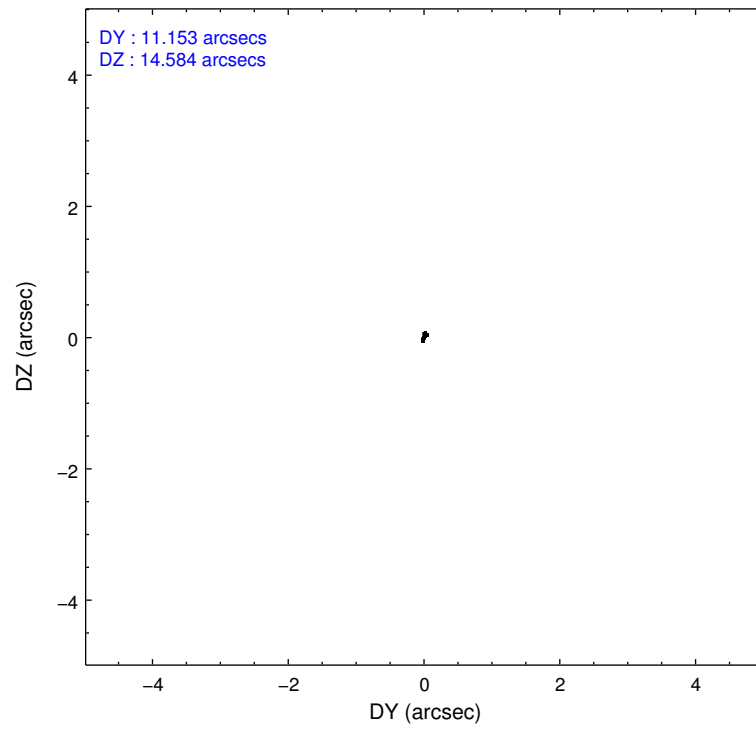
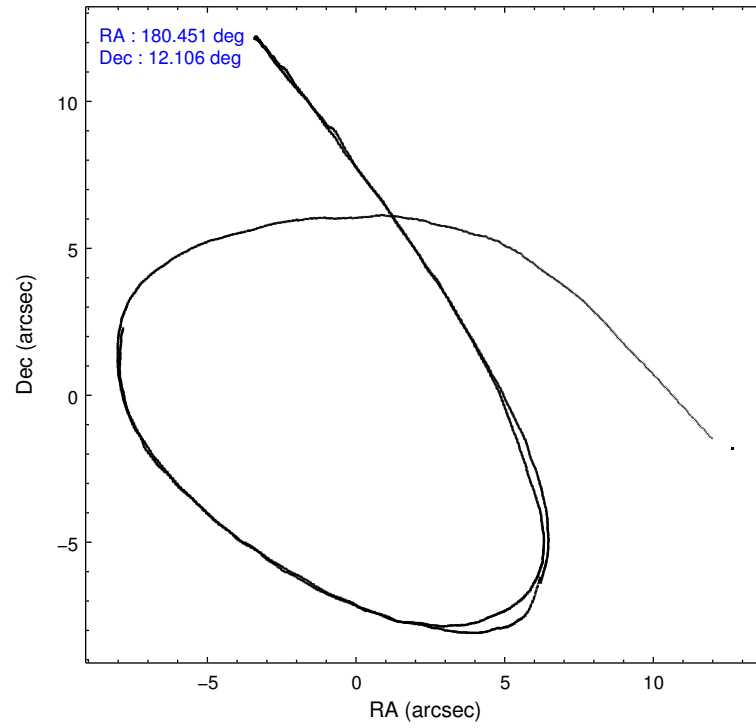
	ccd 6	ccd 7	ccd 8
level 1 events	8383	9262	10377
rejected events	7336	4773	7798
rejected %	87%	51%	75%

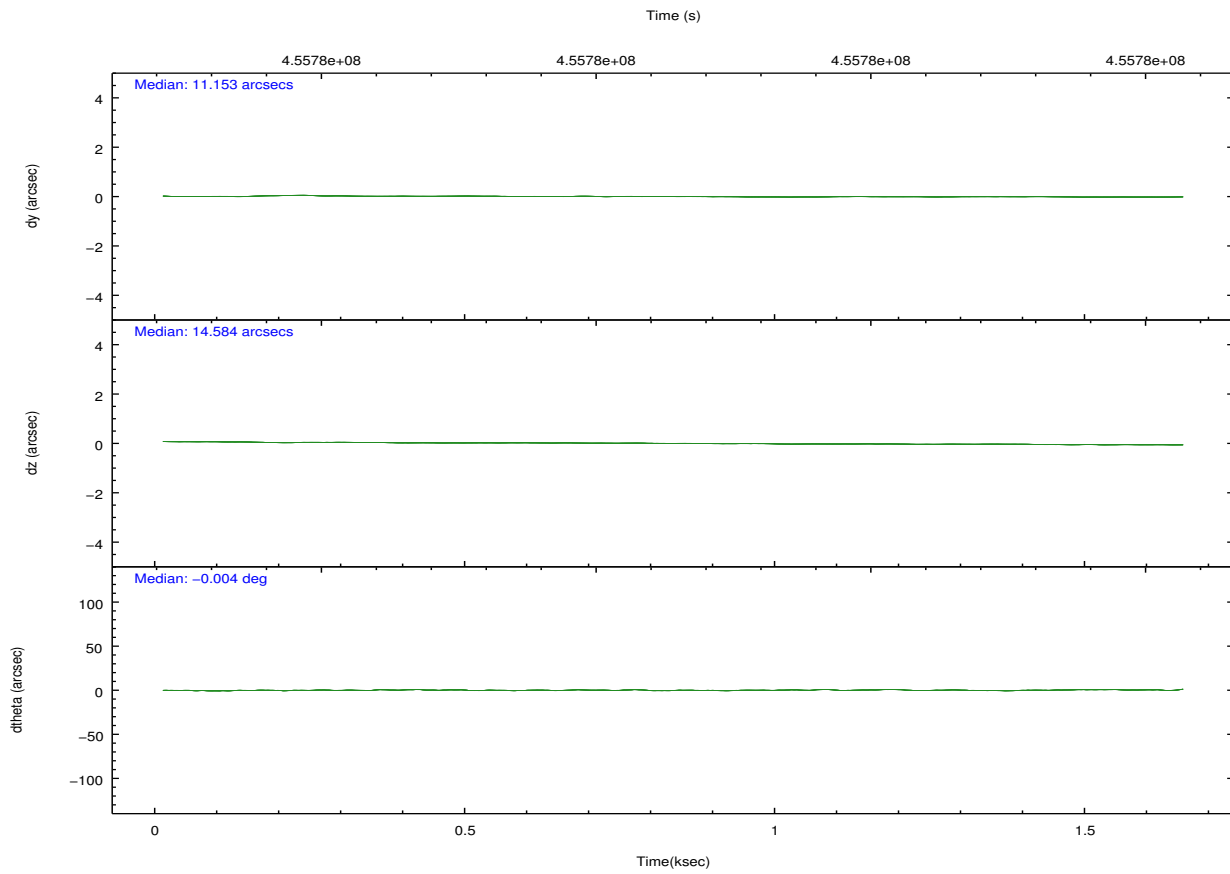
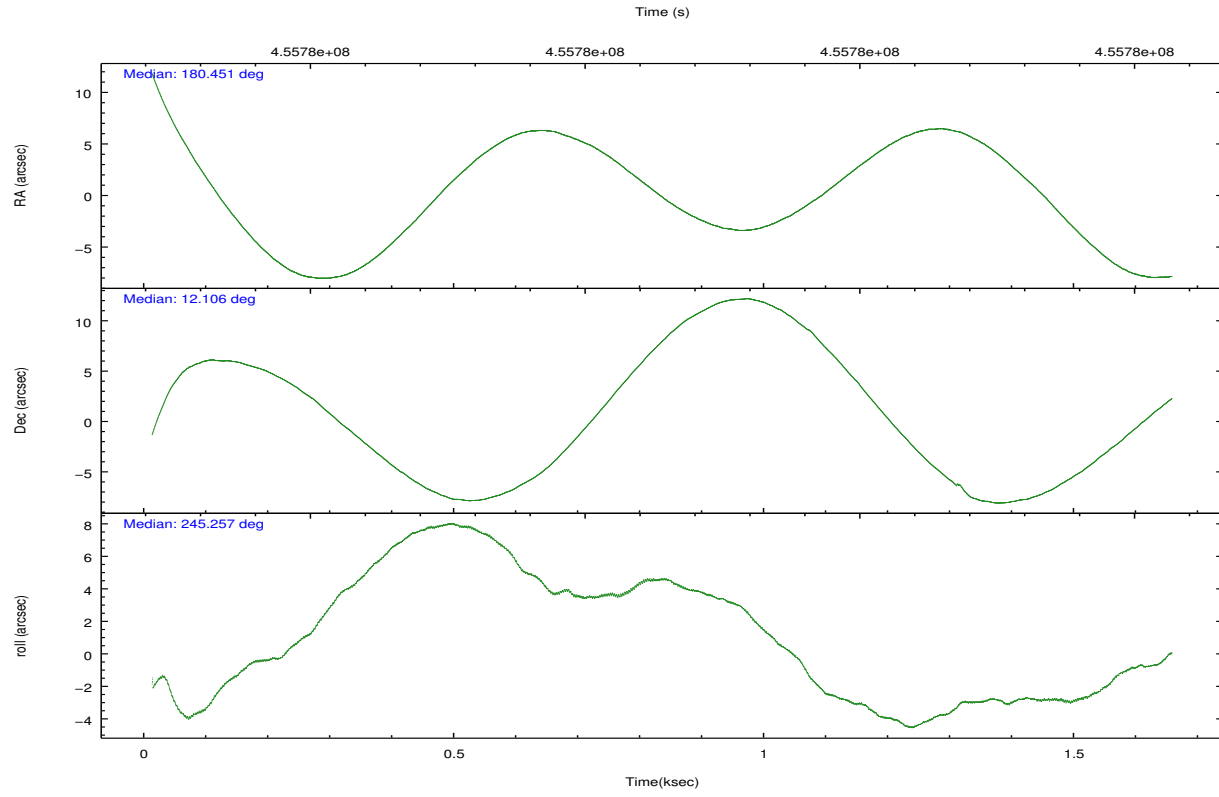
	ccd 6	ccd 7	ccd 8
grade 0 events	398	463	770
	4%	4%	7%
grade 1 events	6	13	11
	0%	0%	0%
grade 2 events	241	977	653
	2%	10%	6%
grade 3 events	90	410	287
	1%	4%	2%
grade 4 events	107	417	231
	1%	4%	2%
grade 5 events	318	987	522
	3%	10%	5%
grade 6 events	213	2236	667
	2%	24%	6%
grade 7 events	7010	3759	7236
	83%	40%	69%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-678	ACIS-678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	180.448313	180.451084358481	Subarray requested	NONE	NONE
[deg] Pointing Dec	12.133035	12.10558607607262	Alternating exposures requested	N	N
[deg] Pointing Roll	245.108405	245.2644512217612	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	455779967.184000	455778884.98523			
Observation start date	2012-06-11T05:31:41	2012-06-11T05:14:44			
[s] Observation end time (MET)	455781467.184000	455782619.57293			
Observation end date	2012-06-11T05:56:41	2012-06-11T06:16:59			
Read mode	TIMED	TIMED			

2.3 Aspect



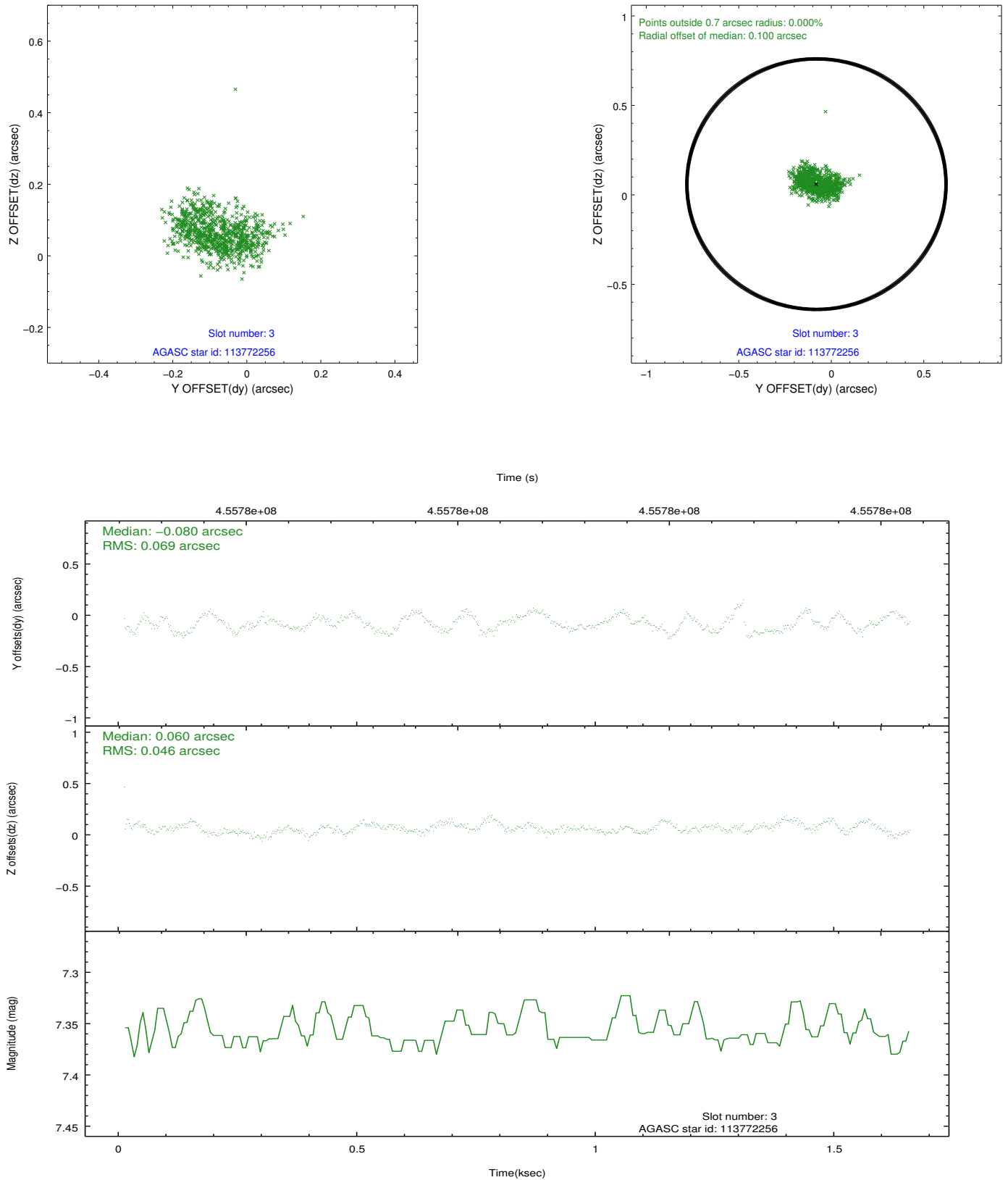


Slot Statistics

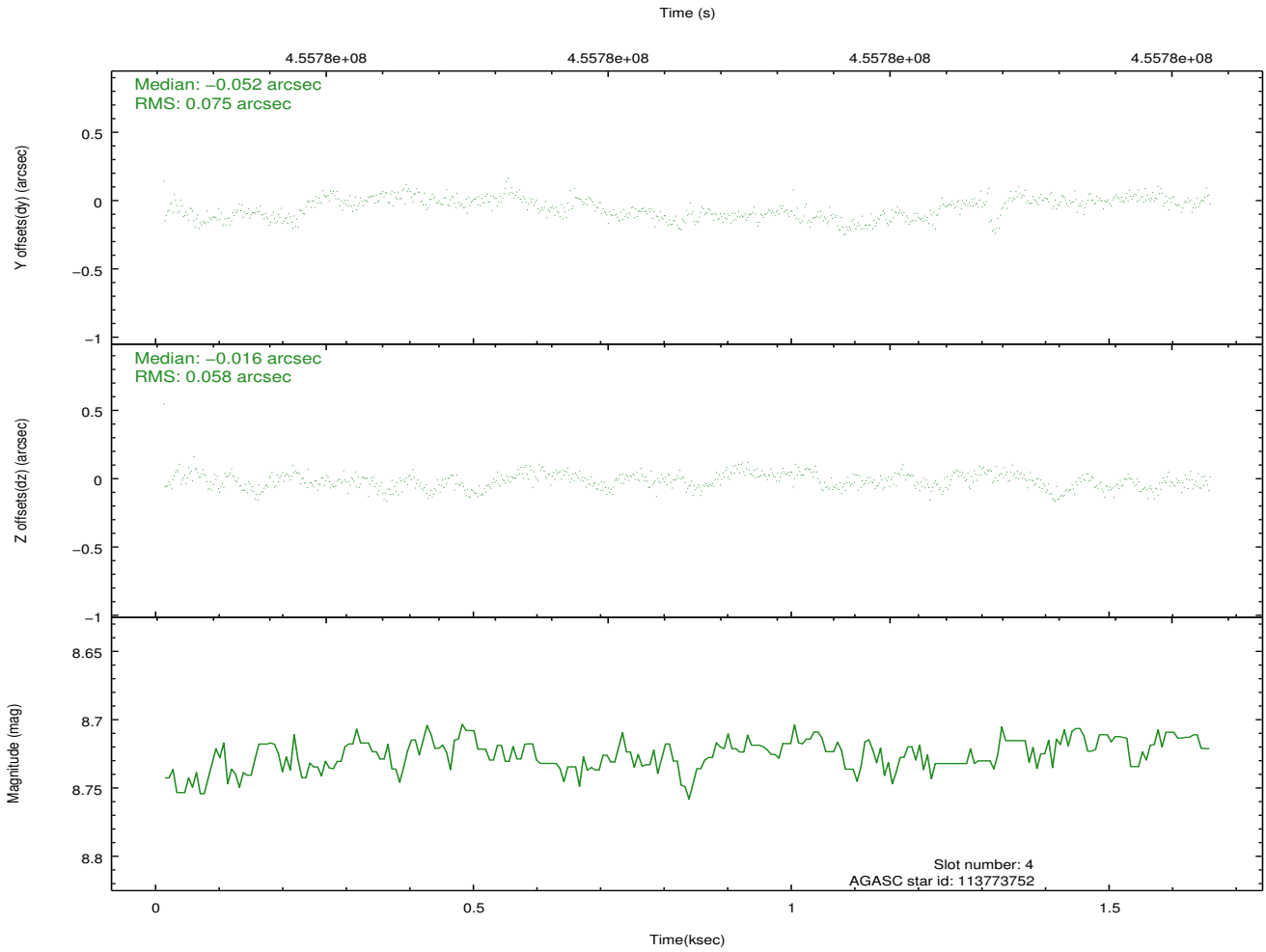
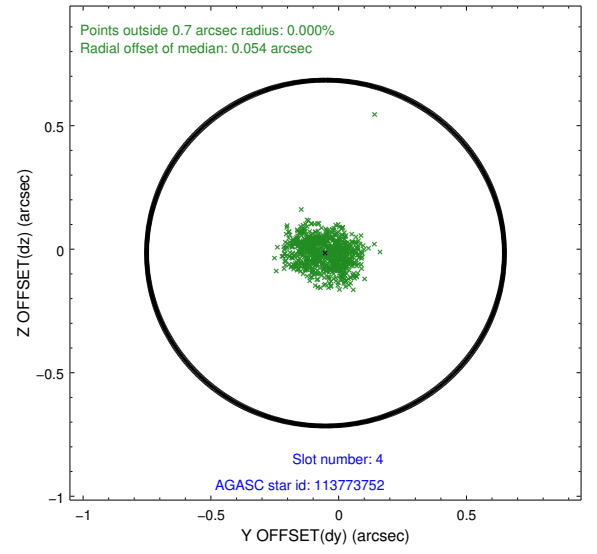
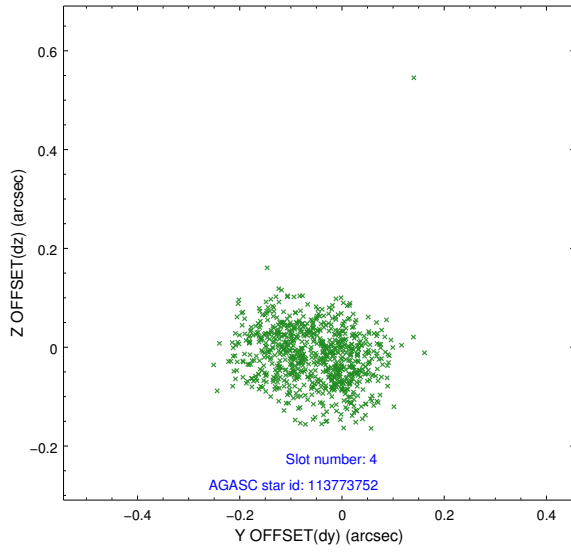
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	402	-0.067	-0.028	0.007	0.012	0.000000	0.000000	-764.09	-1735.93
1	FID	ACIS-S-4	7.00	402	0.183	0.040	0.006	0.010	0.000000	0.000000	2147.61	168.47
2	FID	ACIS-S-5	7.03	402	-0.148	-0.003	0.007	0.010	0.000000	0.000000	-1811.87	166.65
3	GUIDE	113772256	7.36	804	-0.080	0.060	0.089	0.135	180.307368	12.377789	-591.33	-820.65
4	GUIDE	113773752	8.73	804	-0.052	-0.016	0.100	0.152	179.762810	12.071194	1213.99	-2097.29
5	GUIDE	113774424	8.56	804	0.047	0.048	0.062	0.100	180.212073	11.983309	839.78	-530.00
6	GUIDE	113776312	8.56	804	-0.142	0.119	0.117	0.171	180.662842	11.877473	516.24	1072.54
7	GUIDE	113777720	9.05	802	0.229	-0.205	0.088	0.146	179.869030	11.850795	1779.13	-1423.04

2.4 Star Slots

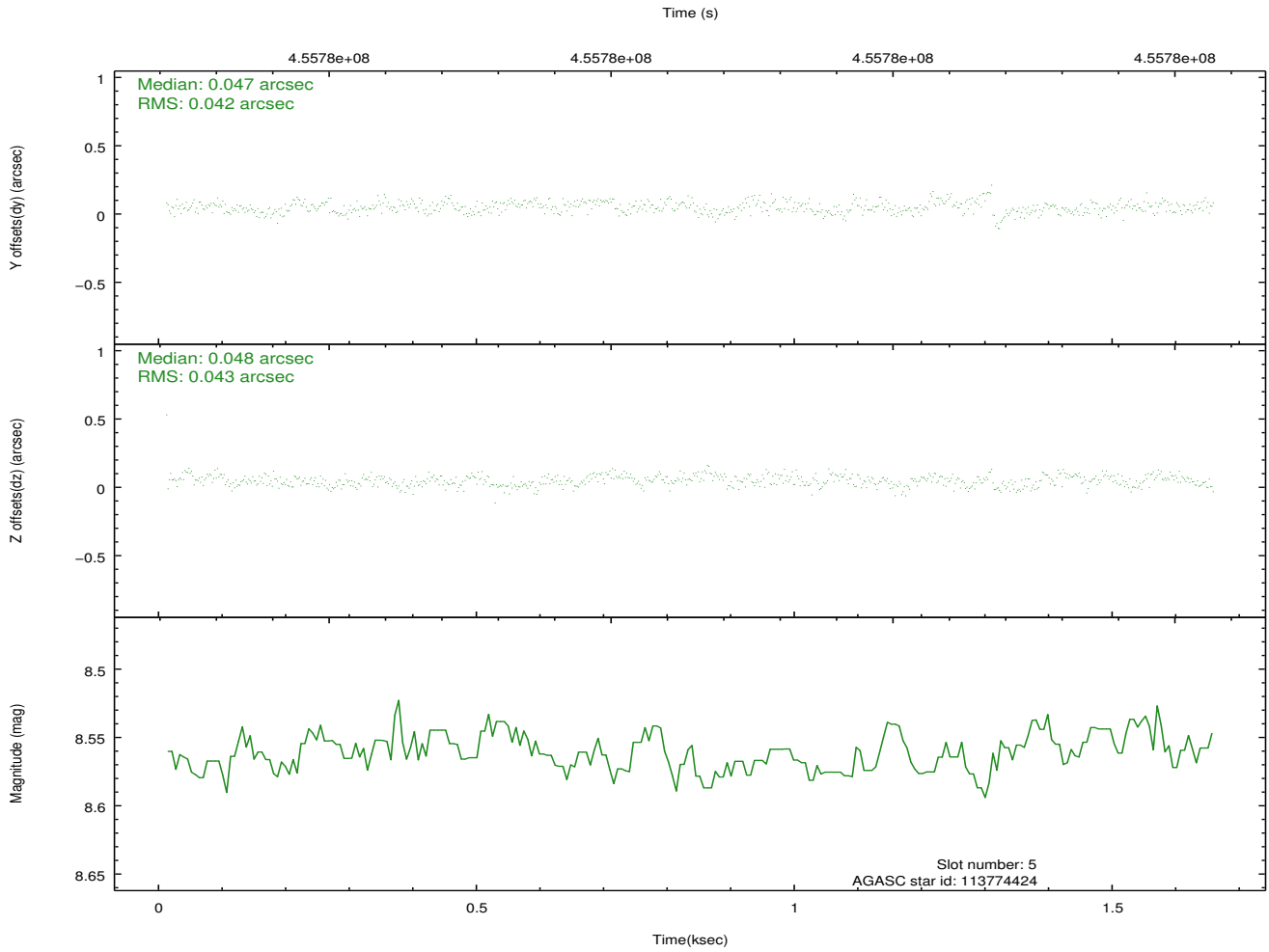
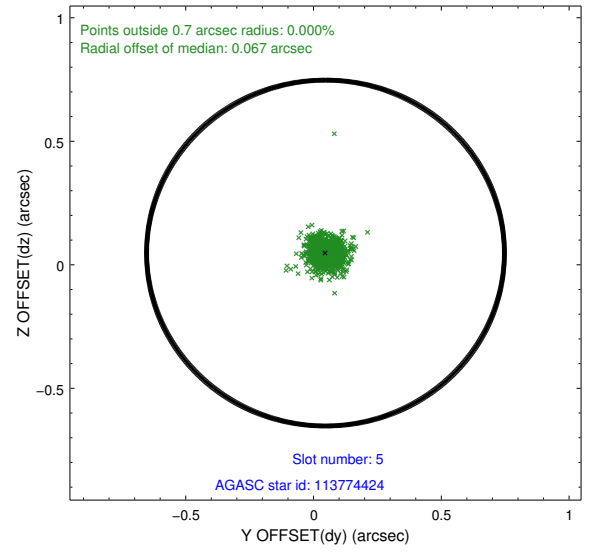
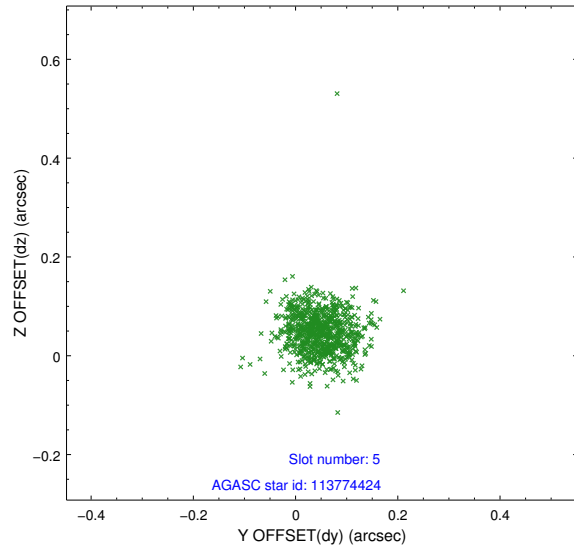
2.4.1 Slot 3



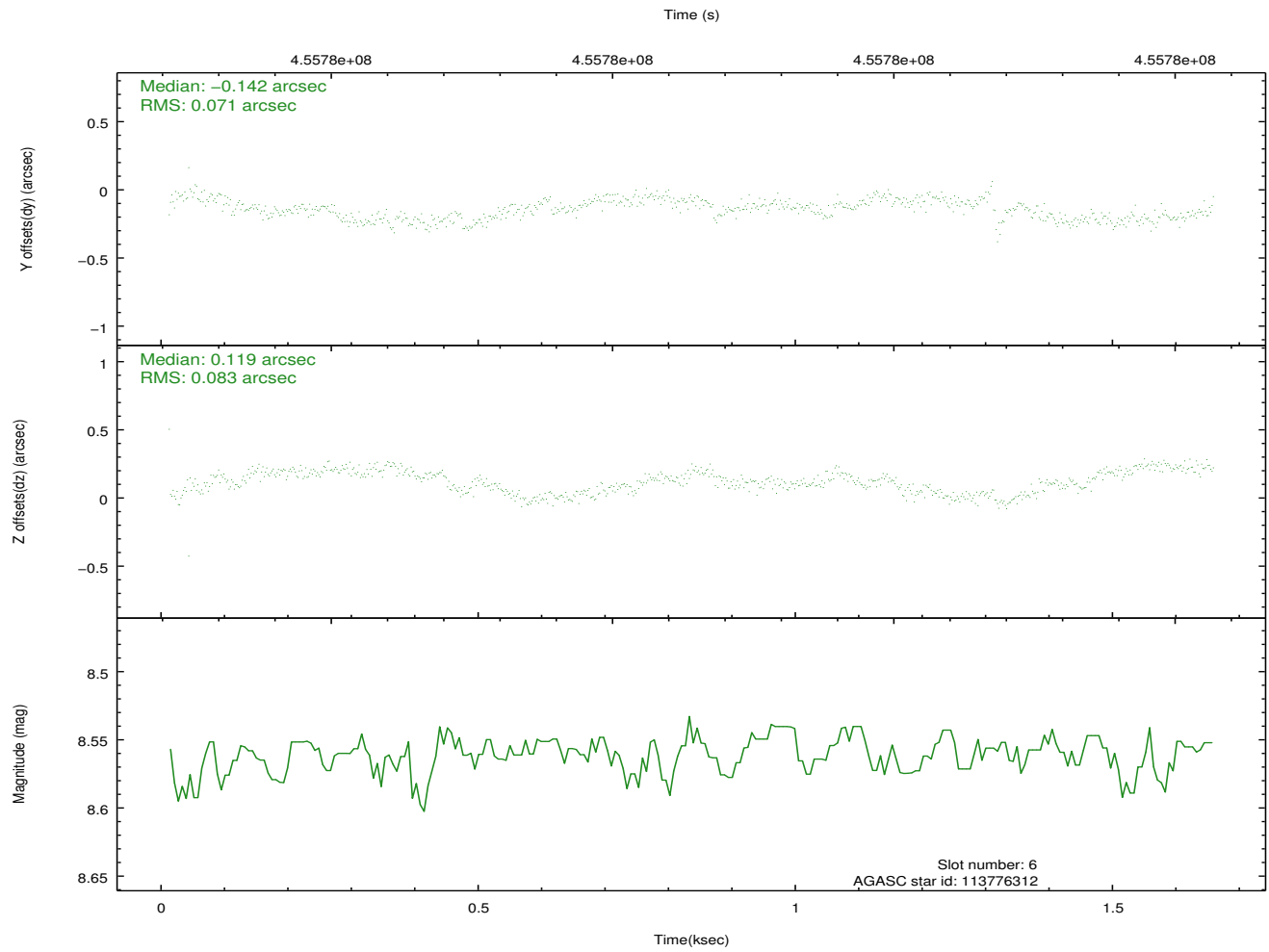
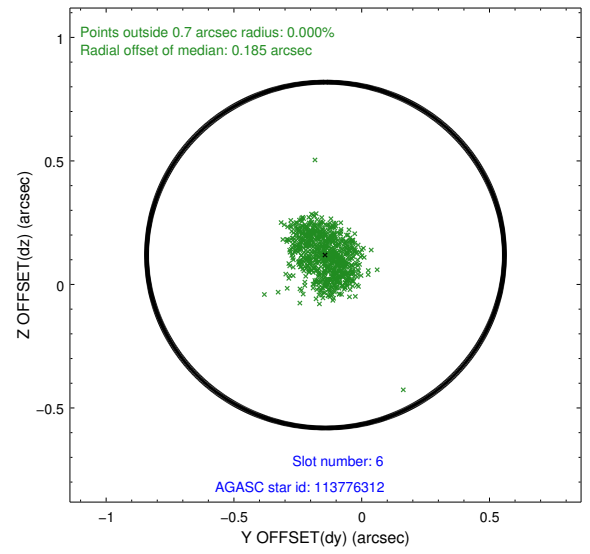
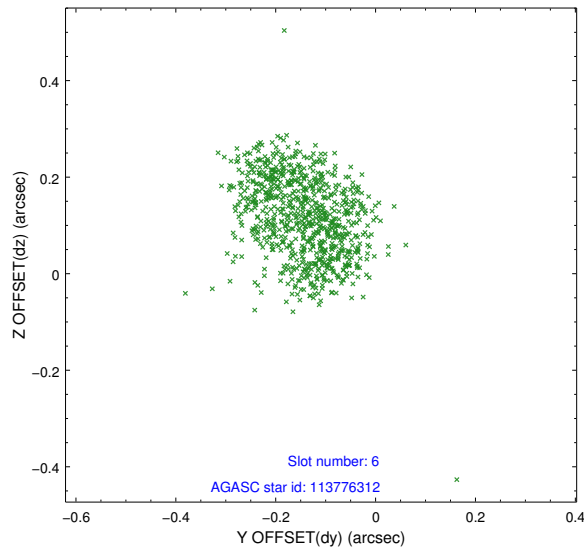
2.4.2 Slot 4



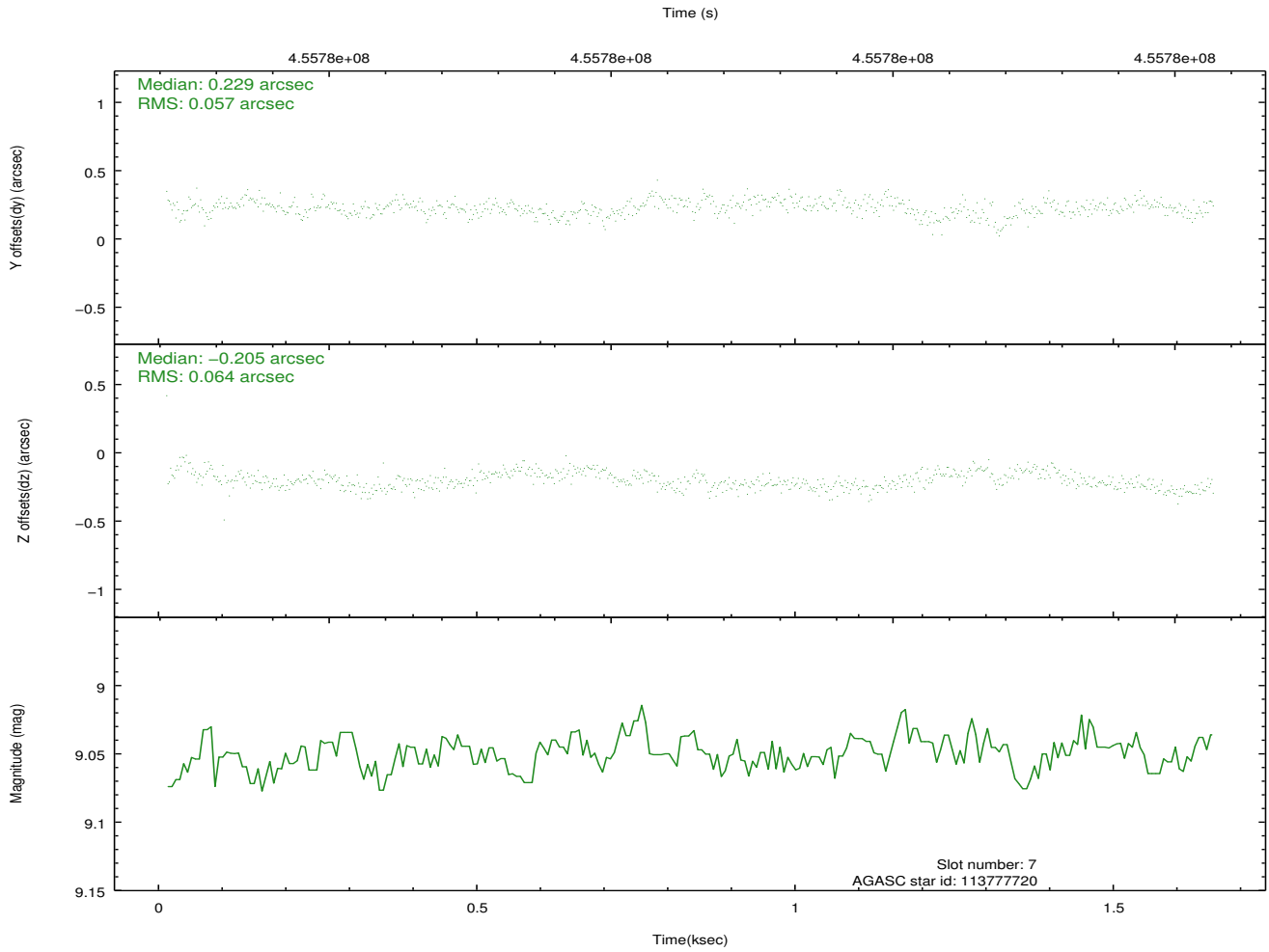
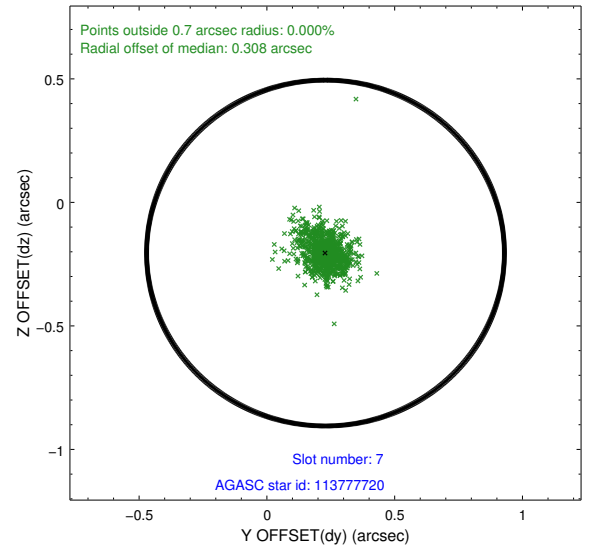
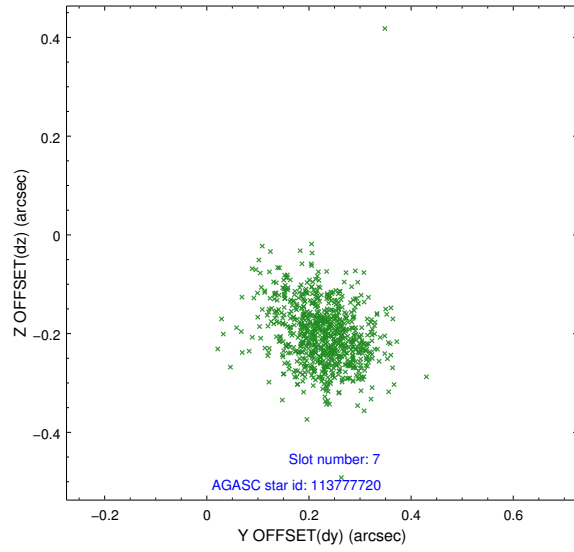
2.4.3 Slot 5



2.4.4 Slot 6

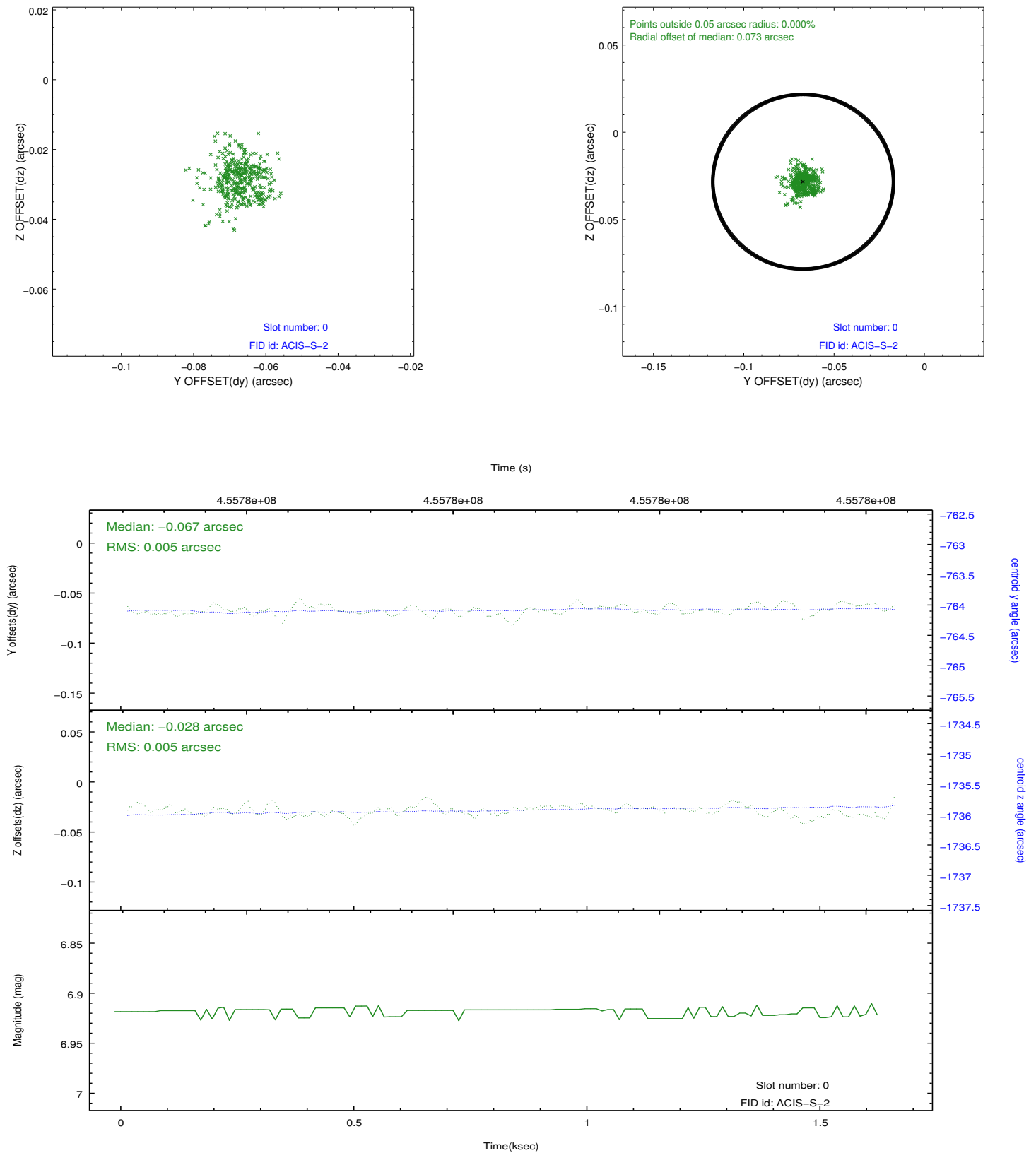


2.4.5 Slot 7

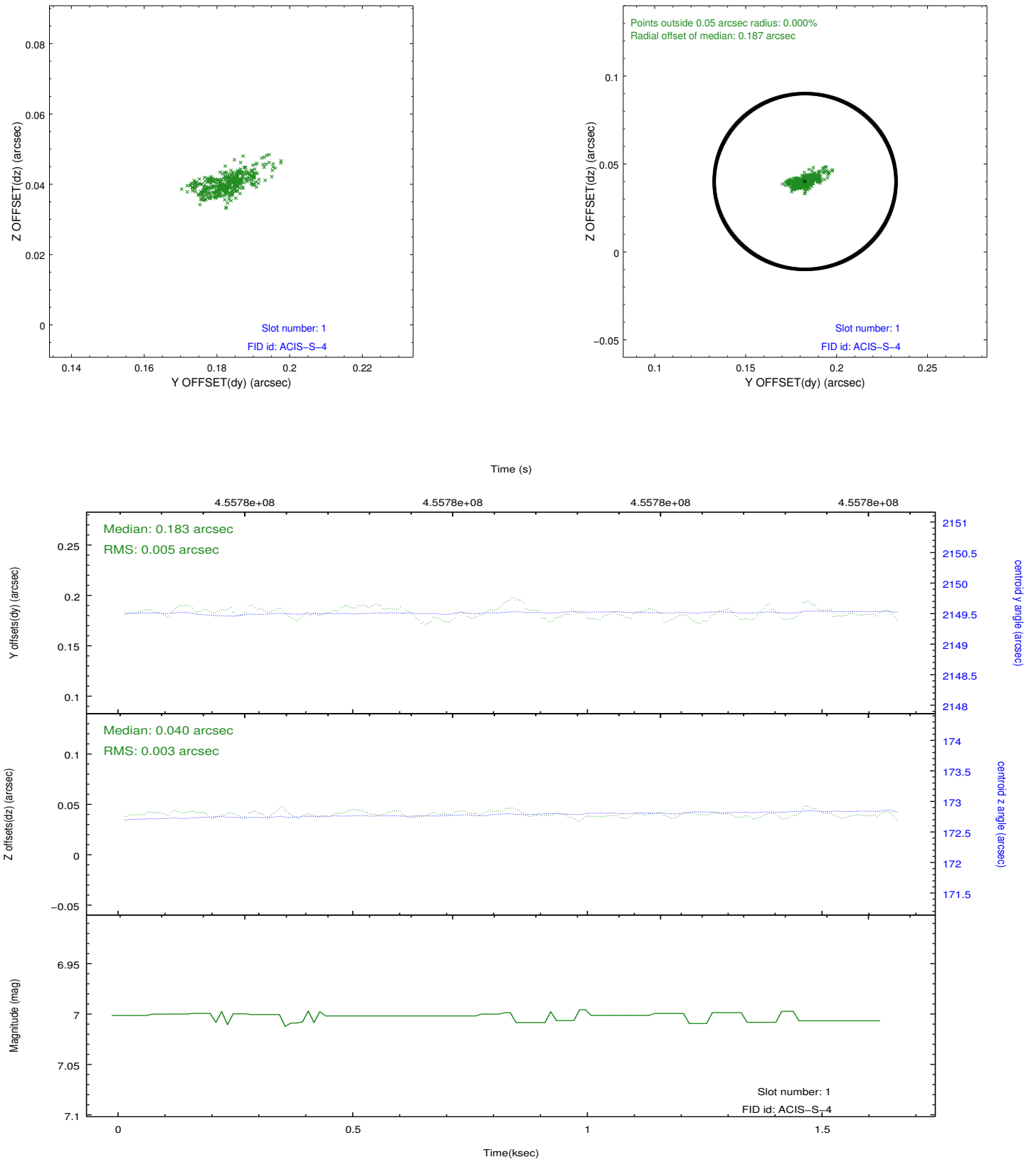


2.5 FID Slots

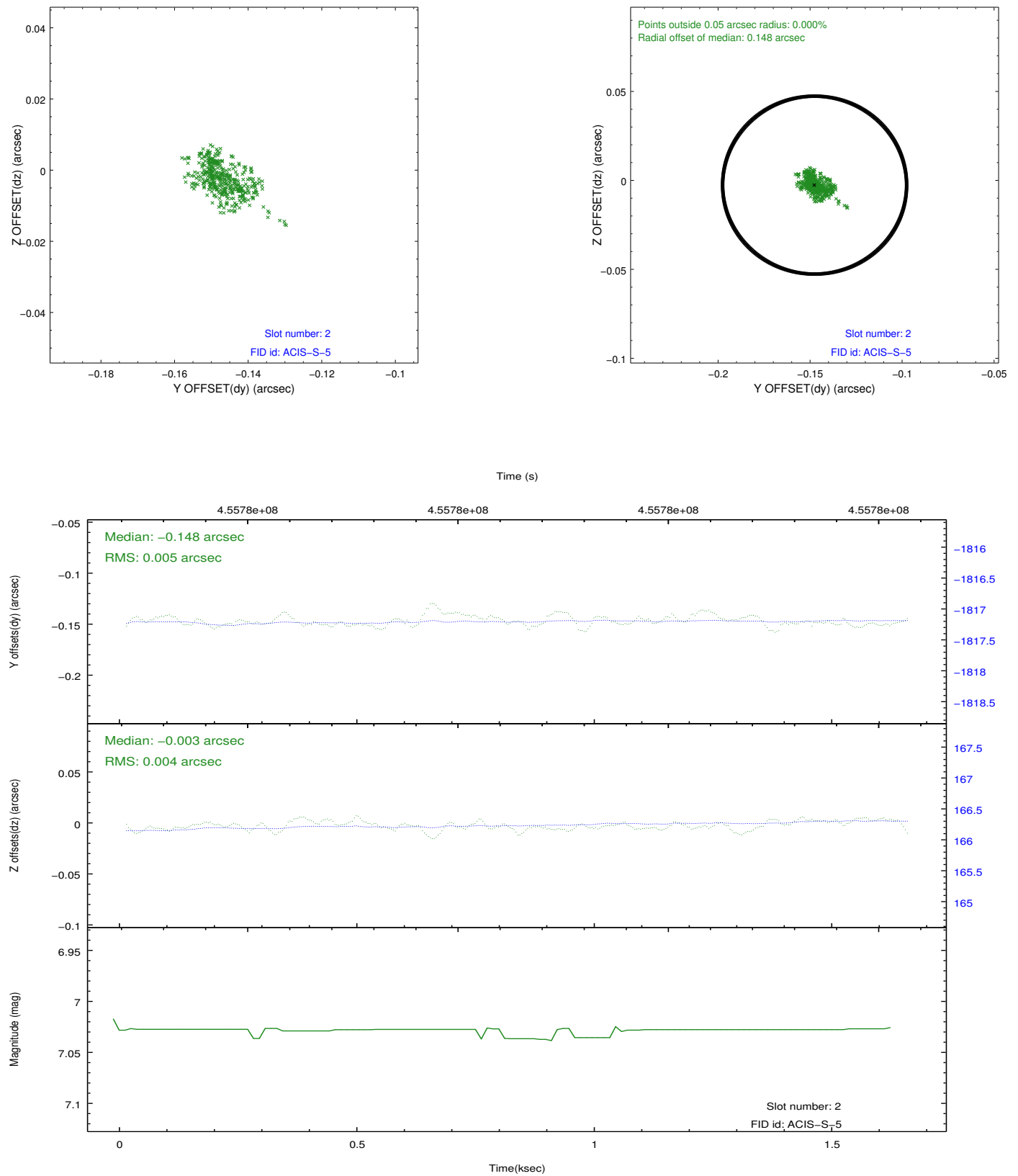
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5770497494936

A.2 Comments