

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13334 - L2 Version 2
Chandra X-Ray Center

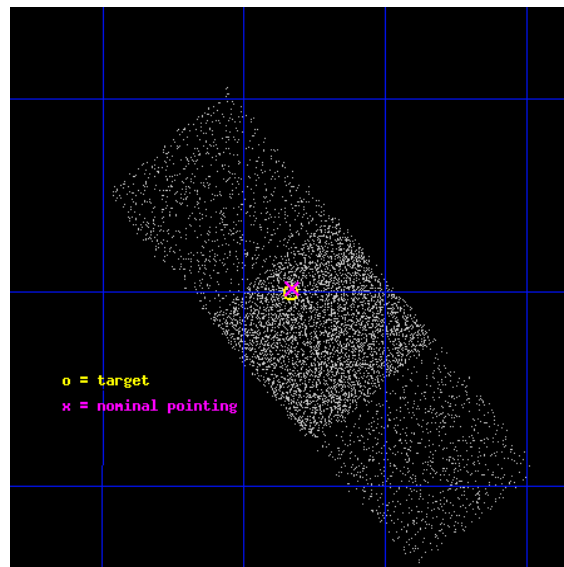
L2 Processing Date : Feb 28 2012

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1 Front

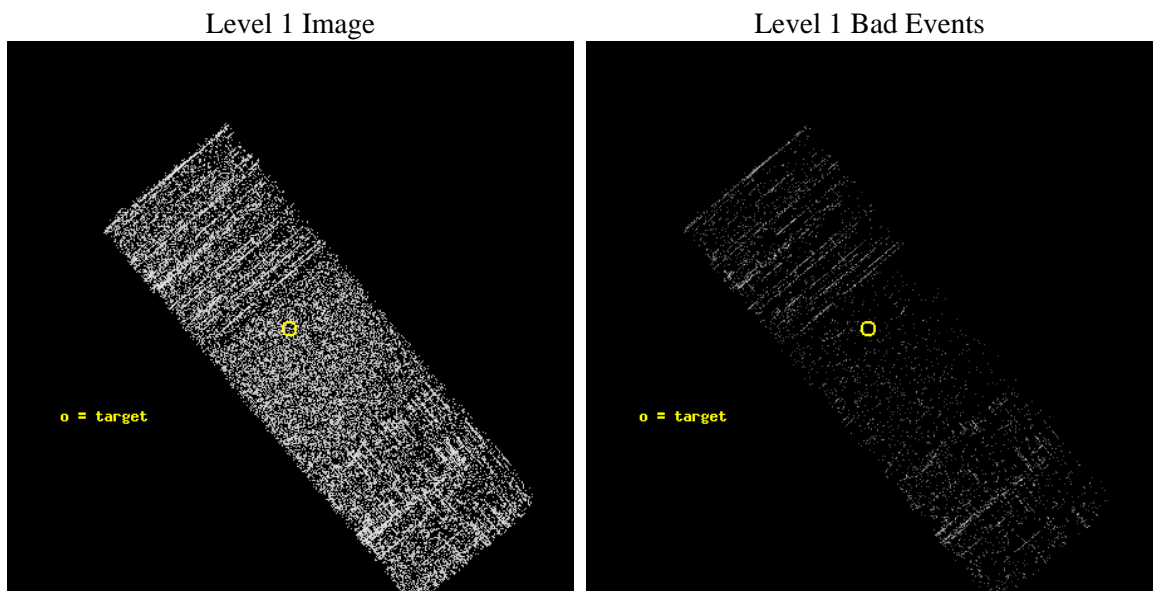
seq_num	702541	Sequence number
obs_id	13334	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1442+0920	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	220.70875	Observer's specified target RA [deg]
dec_targ	9.33375	Observer's specified target Dec [deg]
ra_nom	220.70784487167	Nominal RA [deg]
dec_nom	9.3364352772883	Nominal Dec [deg]
roll_nom	50.006976796473	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1558.869494319	Sum of GTIs [s]
livetime	1538.5017167527	Livetime [s]
ontime6	1558.8284543157	Sum of GTIs [s]
ontime7	1558.869494319	Sum of GTIs [s]
ontime8	1558.7874143124	Sum of GTIs [s]
l2events	6930	Number of level 2 events



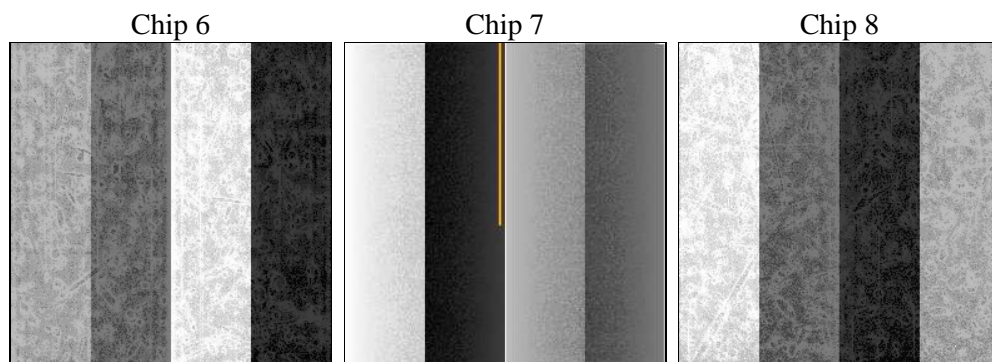
2 OBI

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	8.4.3	Processing system revision	ontime	1558.869494319	Sum of GTIs [s]
caldbver	4.4.8	 	ontime6	1558.8284543157	Sum of GTIs [s]
date	2012-02-28T16:14:29	Date and time of file creation	ontime7	1558.869494319	Sum of GTIs [s]
revision	2	Processing version of data	ontime8	1558.7874143124	Sum of GTIs [s]
			l1events	32309	Number of level 1 events

2.1.4 Events

	ccd 6	ccd 7	ccd 8
level 1 events	10633	10360	11316
rejected events	9510	5200	8155
rejected %	89%	50%	72%

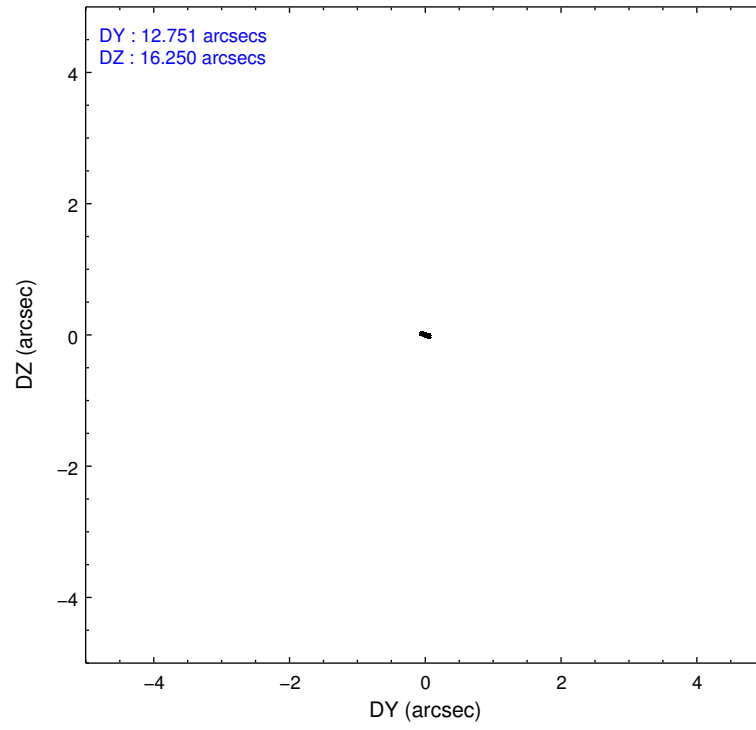
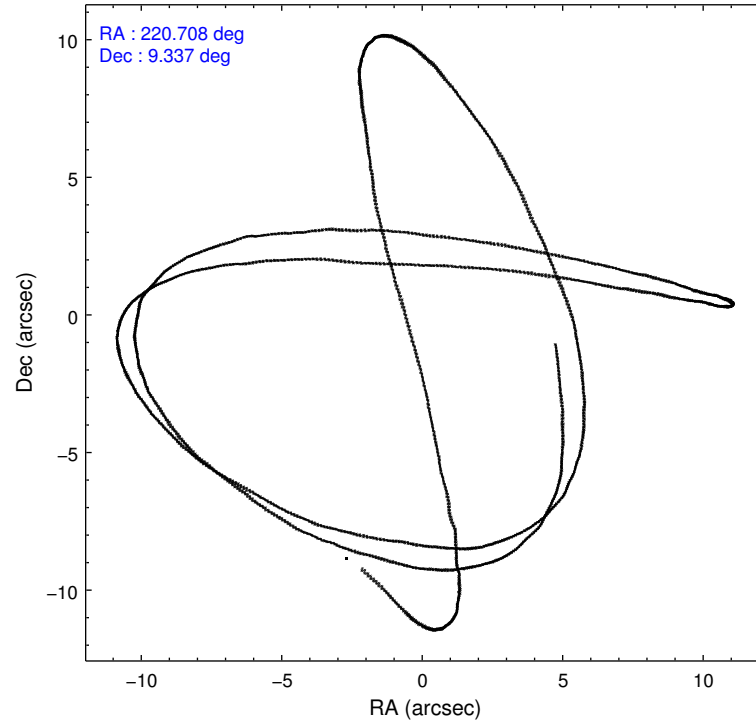
	ccd 6	ccd 7	ccd 8
grade 0 events	424	576	889
	3%	5%	7%
grade 1 events	7	14	13
	0%	0%	0%
grade 2 events	237	1122	769
	2%	10%	6%
grade 3 events	104	483	307
	0%	4%	2%
grade 4 events	121	462	306
	1%	4%	2%
grade 5 events	369	1099	569
	3%	10%	5%
grade 6 events	241	2535	899
	2%	24%	7%
grade 7 events	9130	4069	7564
	85%	39%	66%

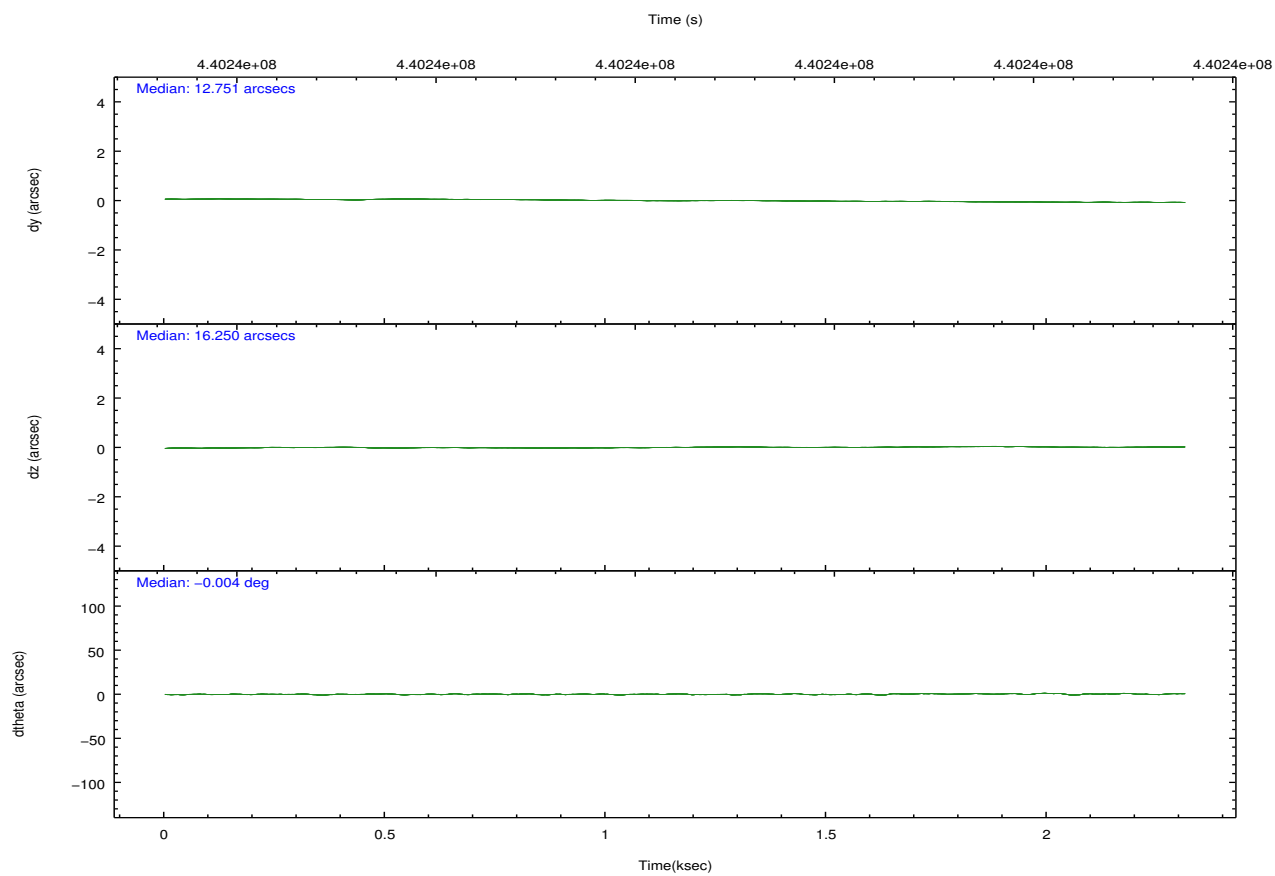
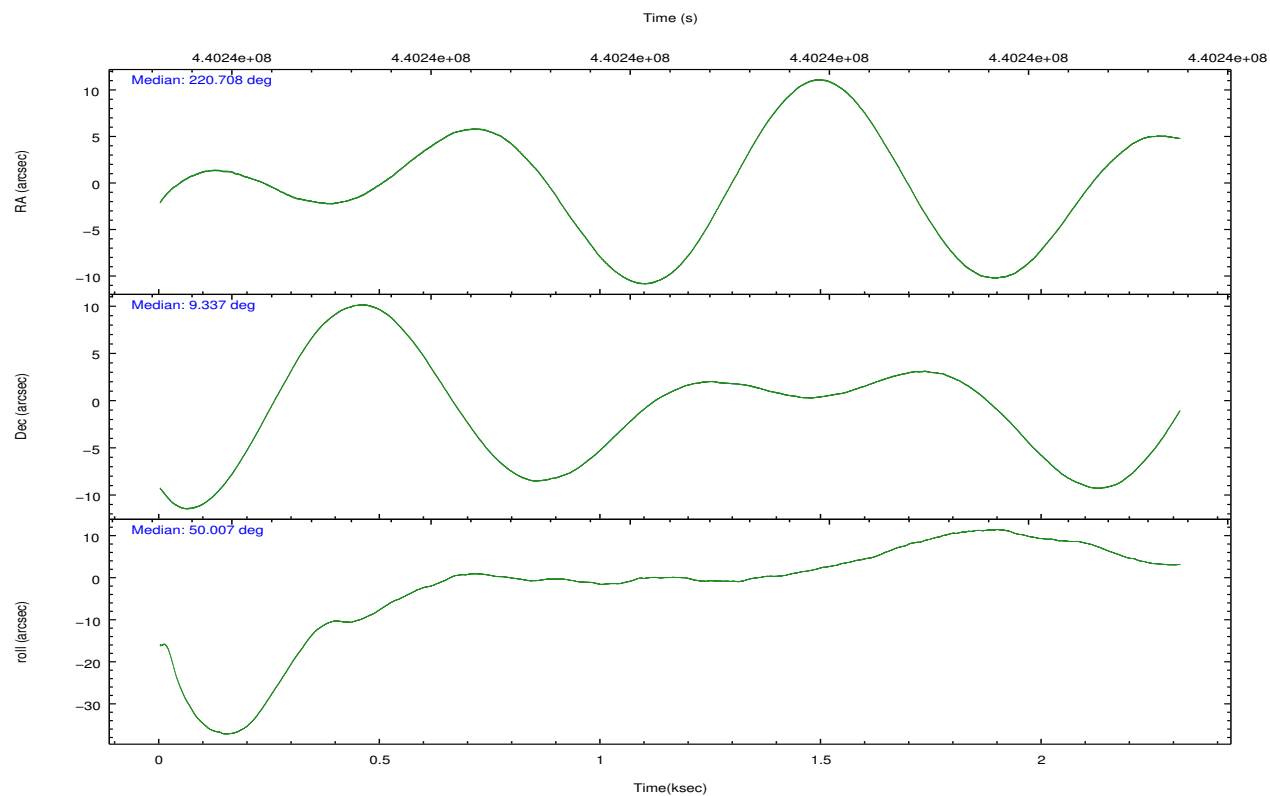
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-678	ACIS-678
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	220.703390	220.7078448716652
[deg] Pointing Dec	9.309643	9.336435277288317
[deg] Pointing Roll	49.851011	50.00697679647327
[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)	440237263.184000	440236138.30267
Observation start date	2011-12-14T08:06:37	2011-12-14T07:48:58
[s] Observation end time (MET)	440238763.184000	440239229.70283
Observation end date	2011-12-14T08:31:37	2011-12-14T08:40:29
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.1

2.3 Aspect



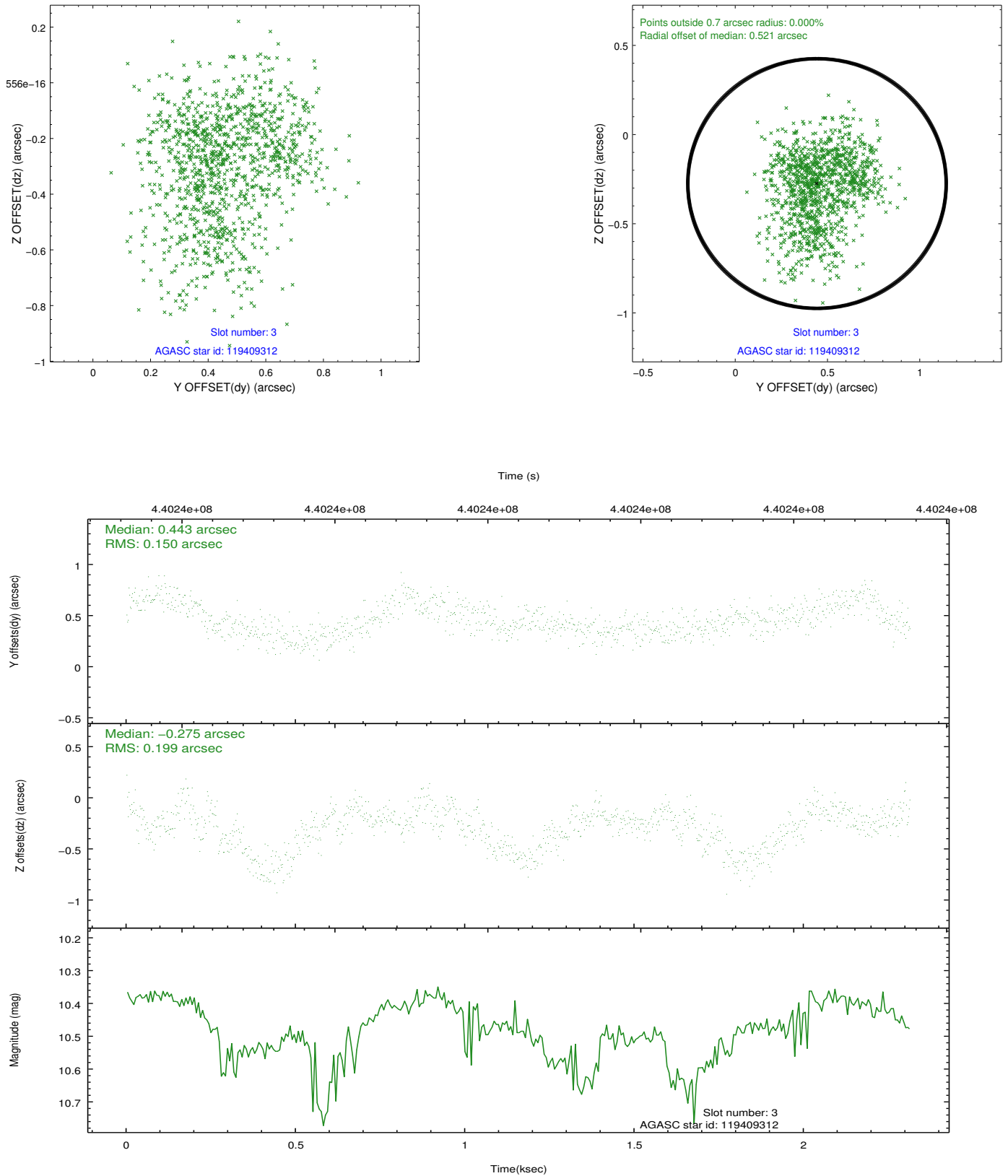


Slot Statistics

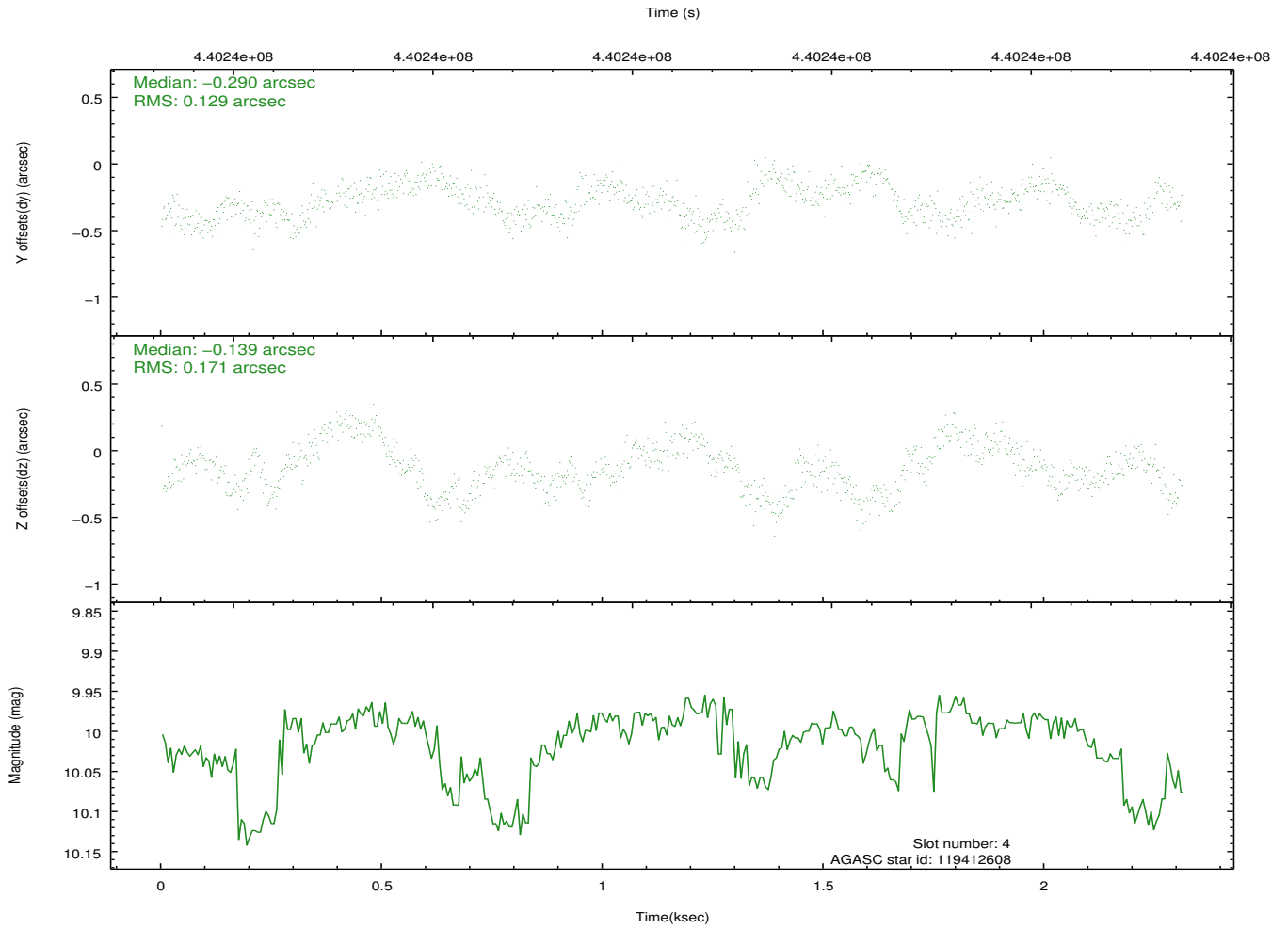
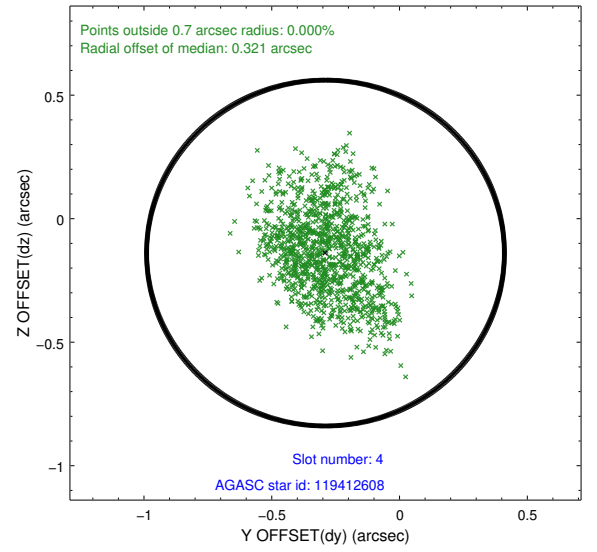
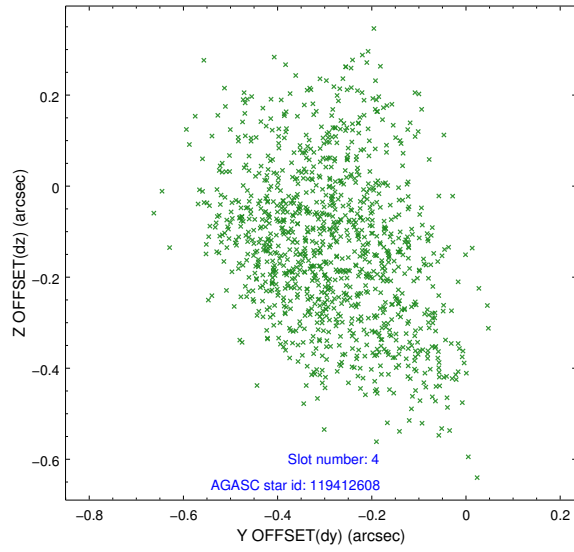
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	563	-0.036	0.015	0.010	0.017	0.000000	0.000000	-765.70	-1737.60
1	FID	ACIS-S-4	7.00	564	0.159	0.014	0.009	0.015	0.000000	0.000000	2146.49	167.96
2	FID	ACIS-S-5	7.04	564	-0.154	-0.020	0.011	0.018	0.000000	0.000000	-1815.05	164.81
3	GUIDE	119409312	10.48	1124	0.443	-0.275	0.264	0.435	220.852160	9.252500	184.63	-536.07
4	GUIDE	119412608	10.01	1123	-0.290	-0.139	0.230	0.374	220.464549	9.735040	624.79	1635.43
5	GUIDE	119413040	7.45	1129	-0.006	-0.005	0.076	0.131	220.159615	8.978049	-2157.20	711.31
6	GUIDE	119413048	8.63	1128	0.059	-0.074	0.091	0.149	220.237843	9.354826	-942.32	1370.79
7	GUIDE	119413080	8.92	1128	-0.228	0.513	0.096	0.157	220.545234	9.064959	-1036.15	-135.76

2.4 Star Slots

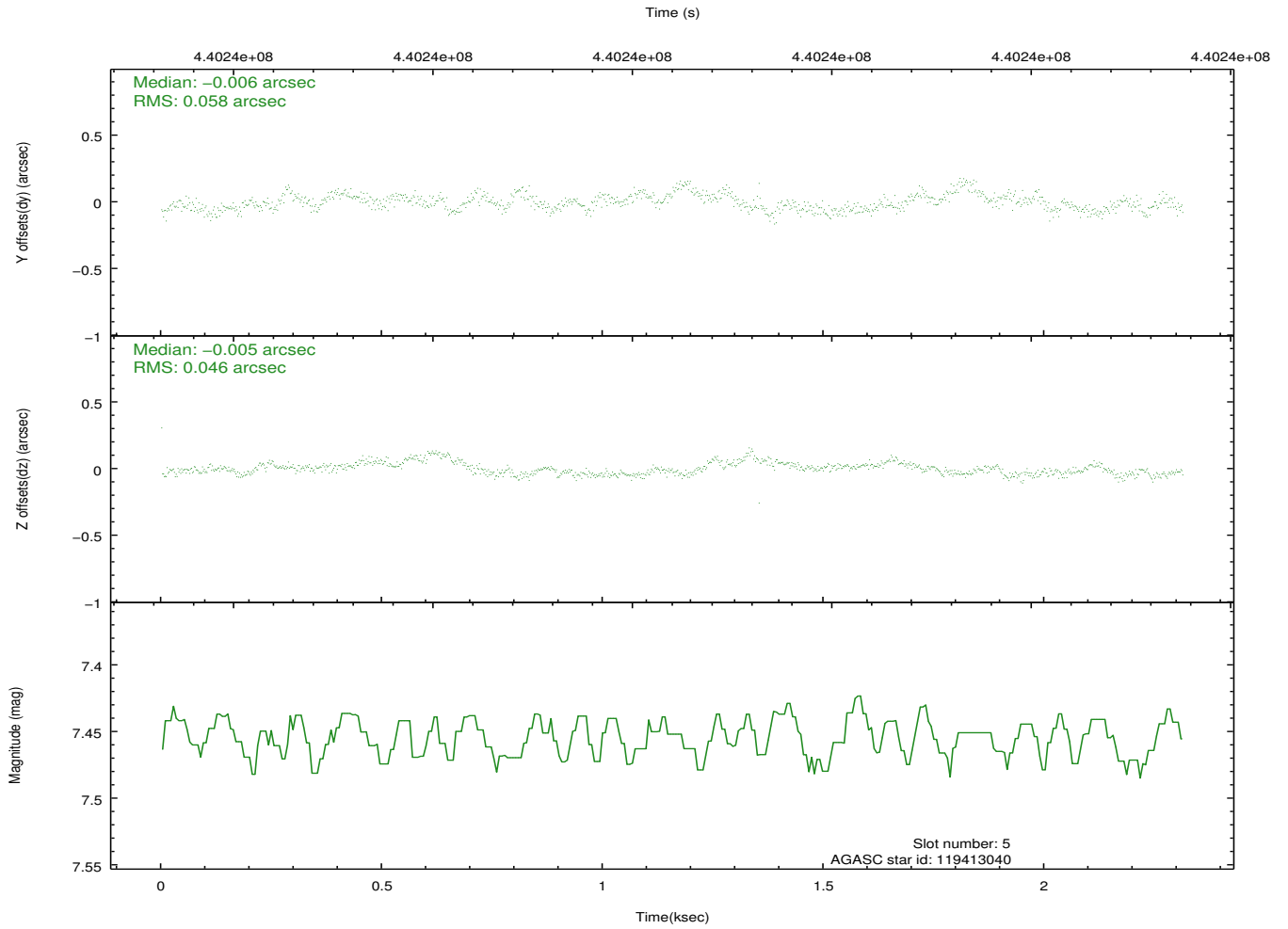
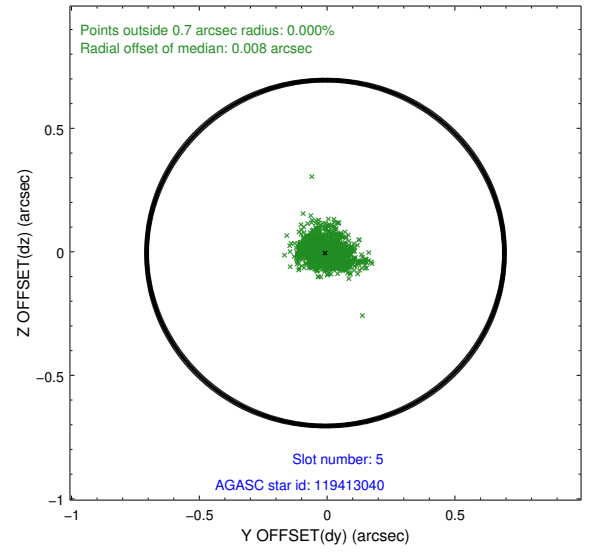
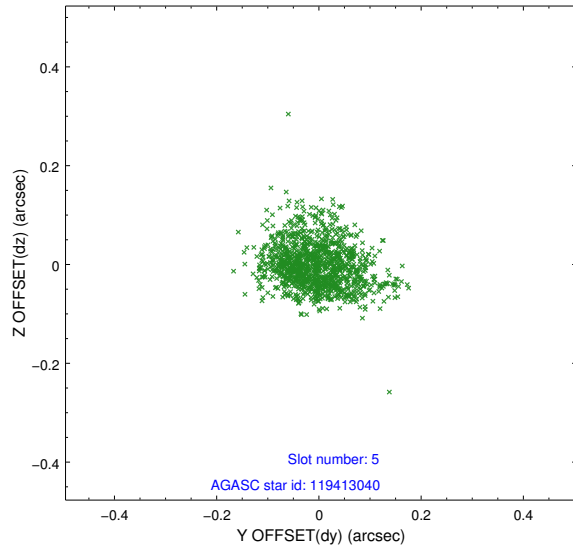
2.4.1 Slot 3



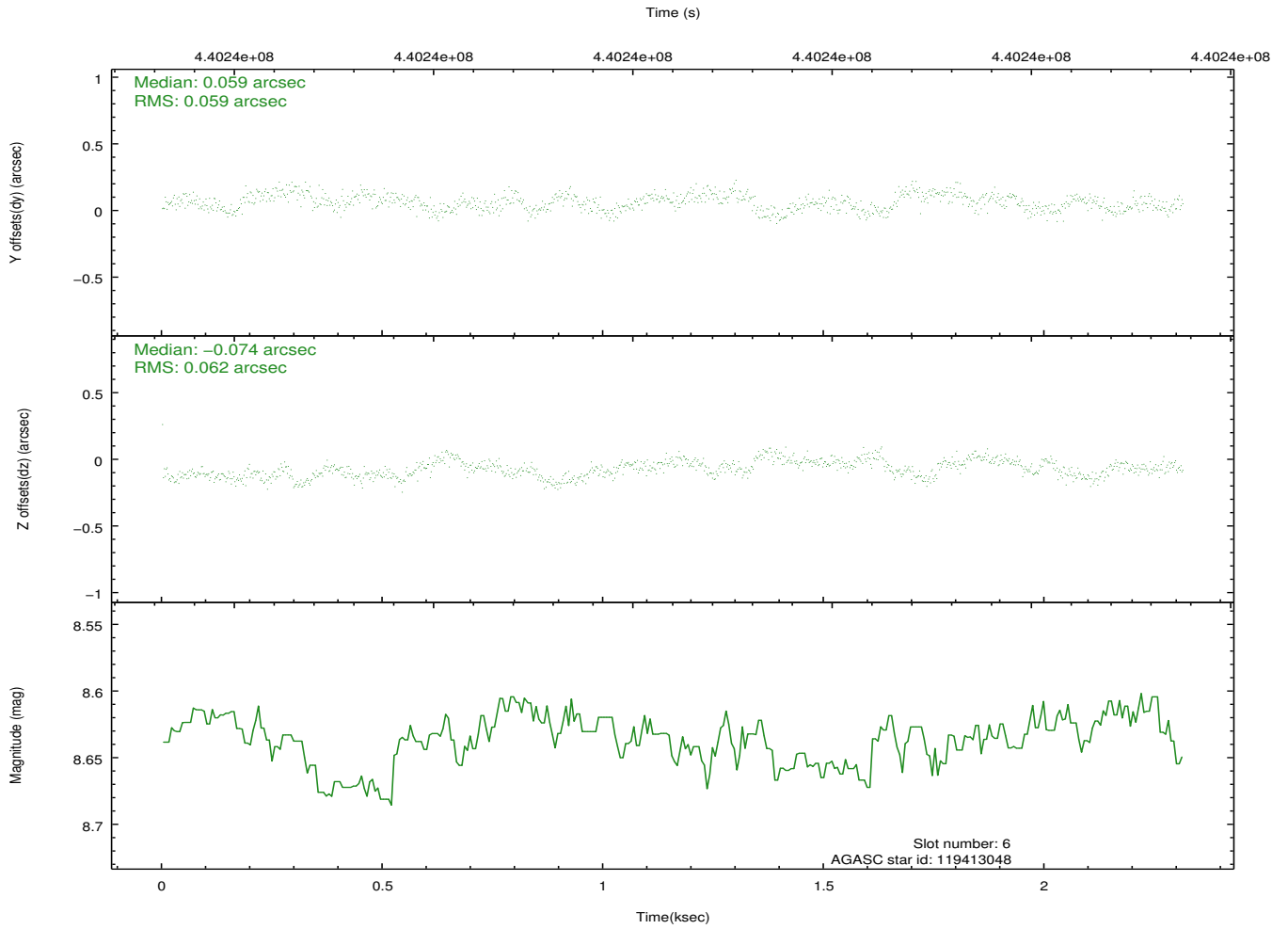
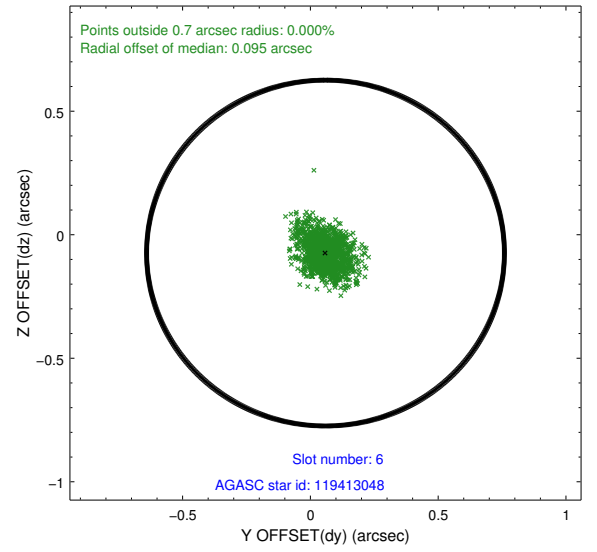
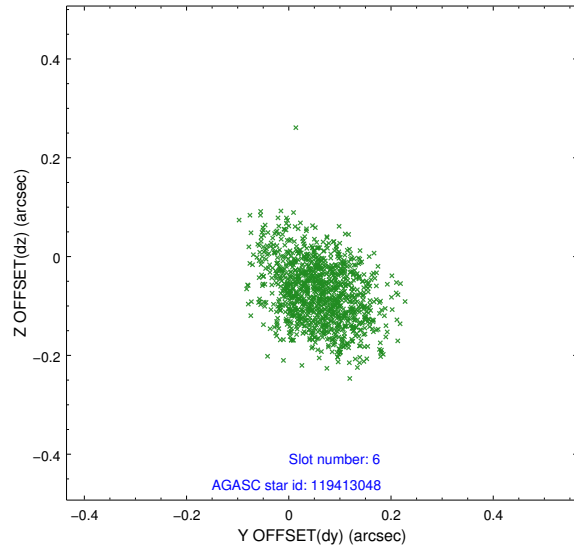
2.4.2 Slot 4



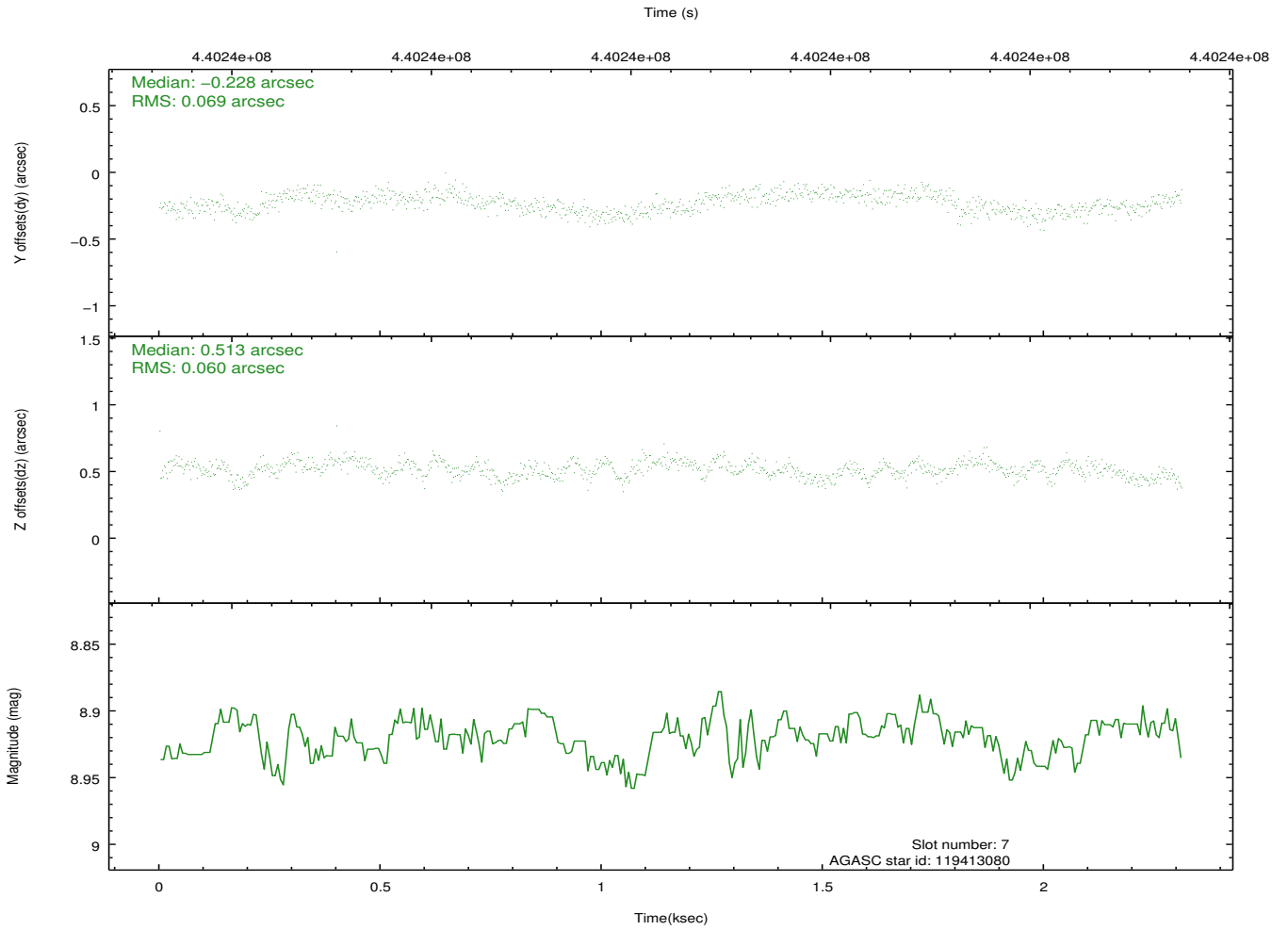
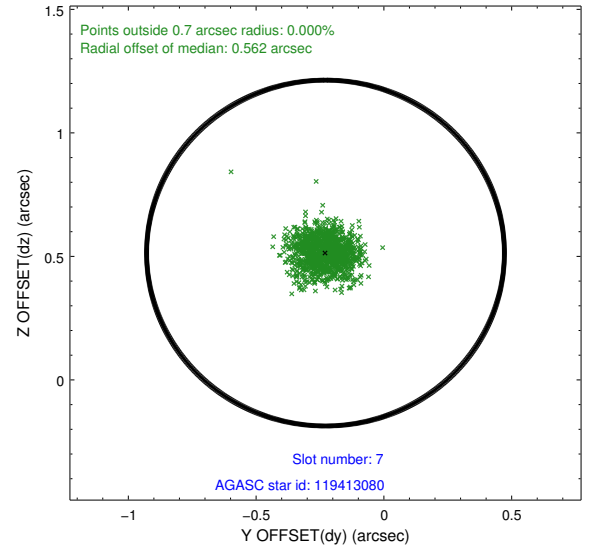
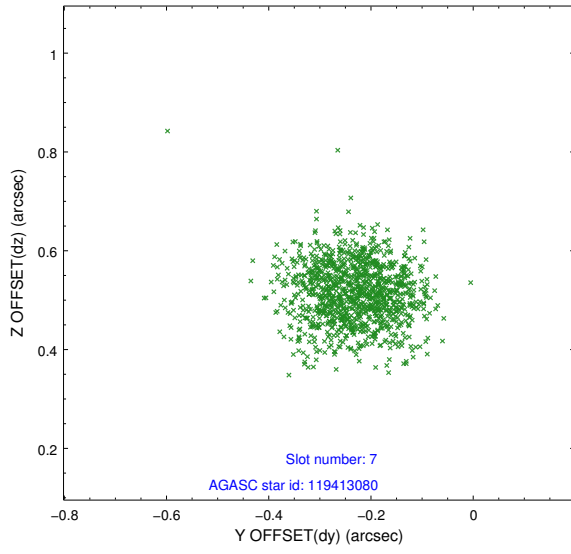
2.4.3 Slot 5



2.4.4 Slot 6

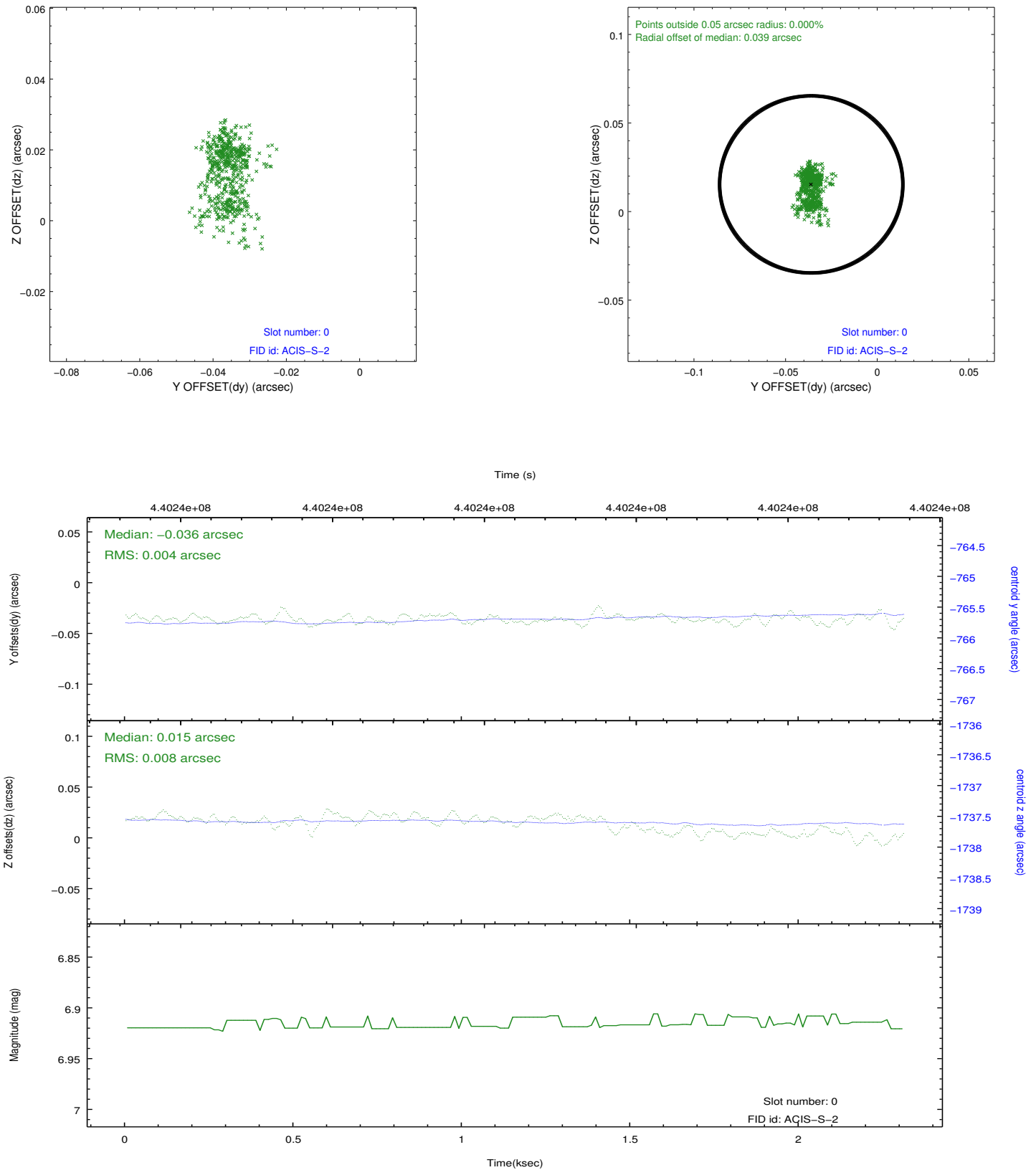


2.4.5 Slot 7

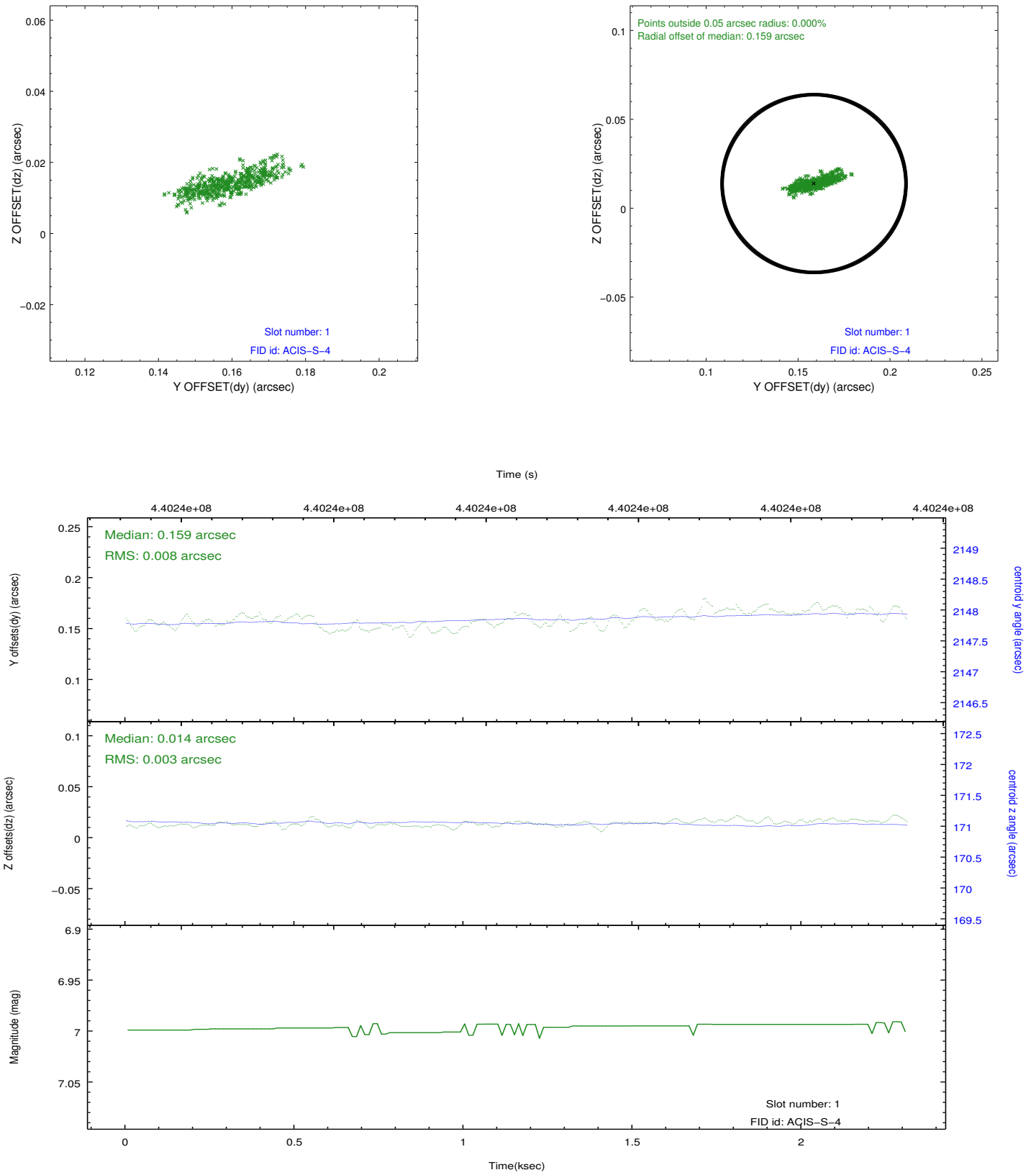


2.5 FID Slots

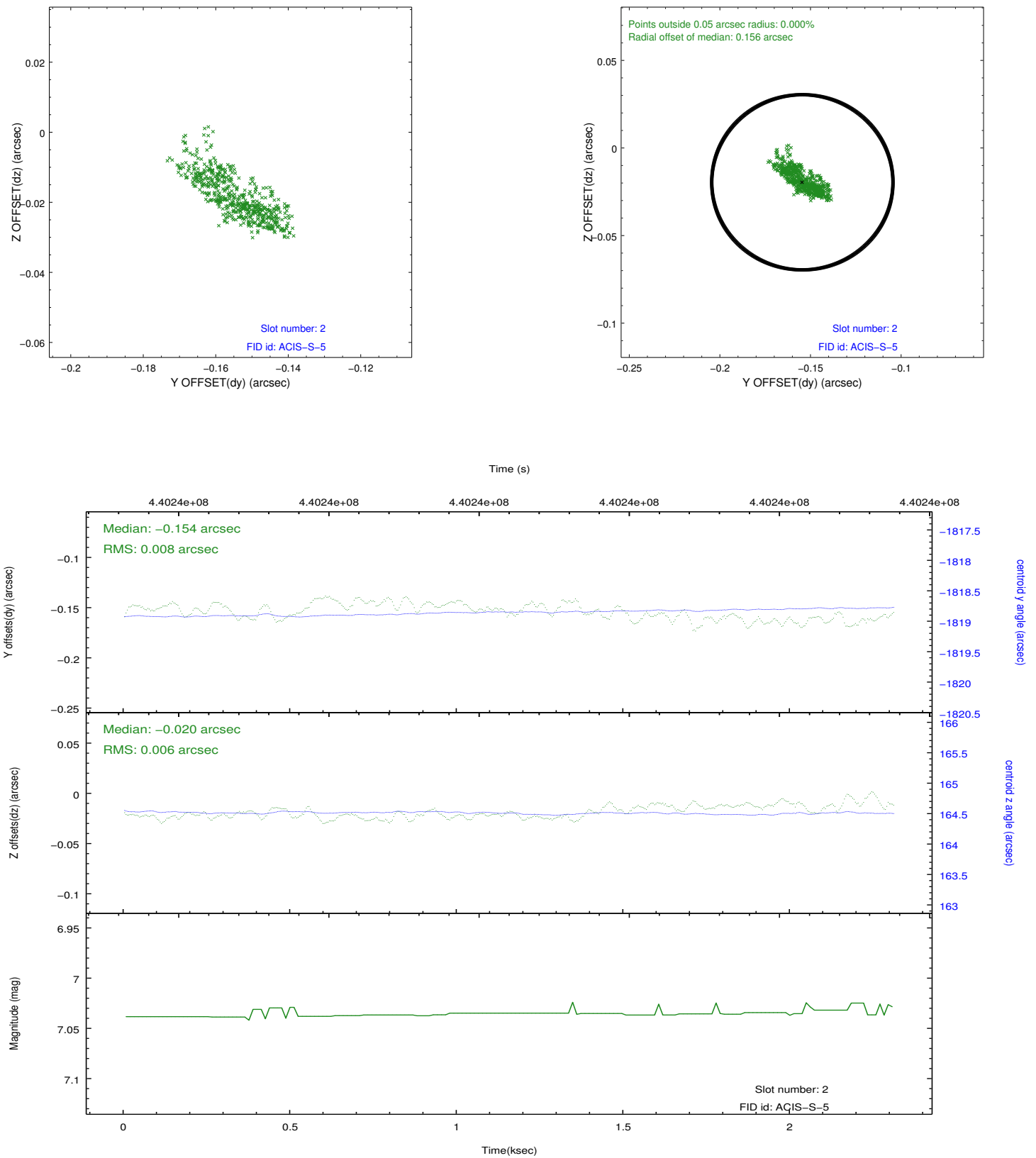
2.5.1 Slot 0



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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.55886949718

A.2 Comments