

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2962 - L2 Version 3
Chandra X-Ray Center

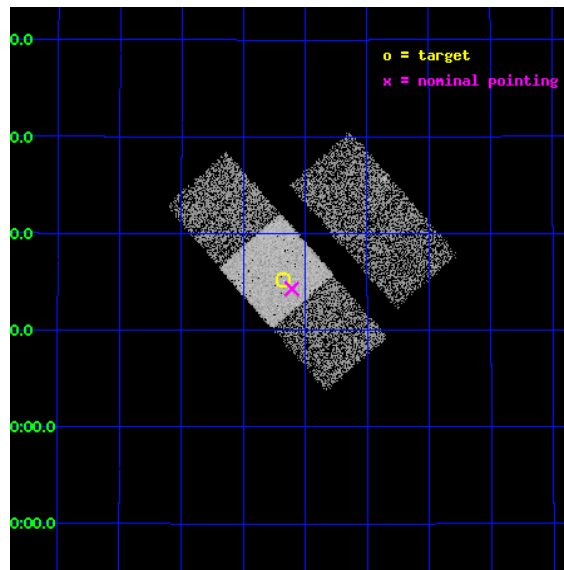
L2 Processing Date : Oct 7 2012

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1 Front

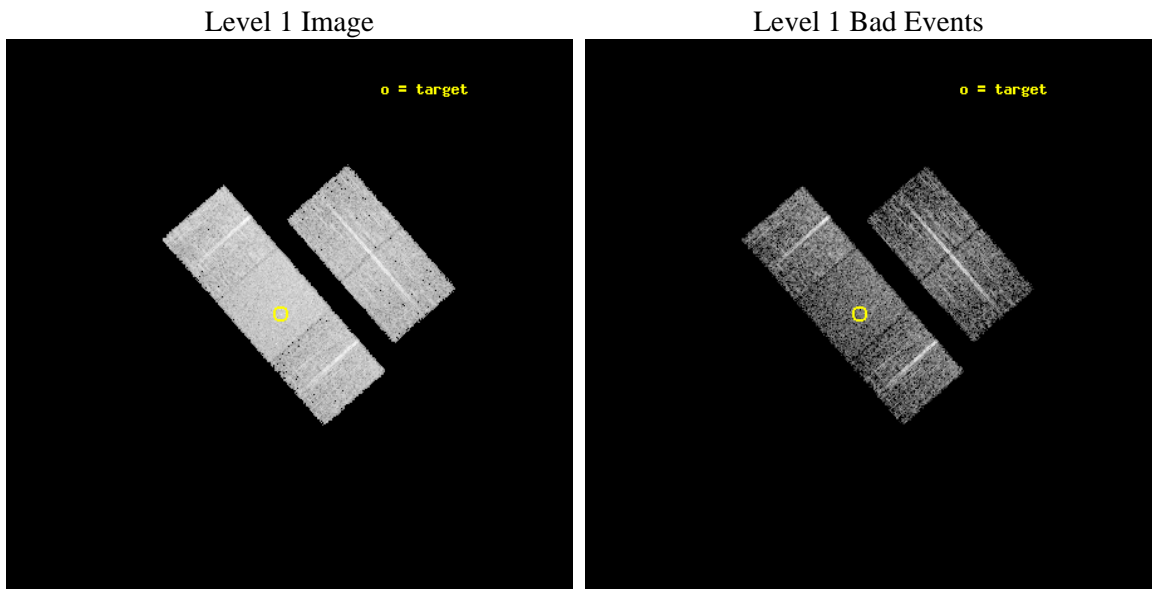
seq_num	700401	Sequence number
obs_id	2962	Observation id
title	A SNAPSHOT SURVEY OF THE OPTICALLY SELECTED TYPE-2 QUASARS	Proposa
observer	PROF. S. DJORGOVSKI	Principal investigator
object	PSS 1146+3015	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	176.669167	Observer's specified target RA [deg]
dec_targ	30.2525	Observer's specified target Dec [deg]
ra_nom	176.65192185342	Nominal RA [deg]
dec_nom	30.238070046714	Nominal Dec [deg]
roll_nom	228.73789896258	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5105.6999901533	Sum of GTIs [s]
livetime	5038.9902610203	Livetime [s]
ontime2	5105.6999901533	Sum of GTIs [s]
ontime3	5105.6999901533	Sum of GTIs [s]
ontime6	5105.6999901533	Sum of GTIs [s]
ontime7	5105.6999901533	Sum of GTIs [s]
ontime8	5105.6999901533	Sum of GTIs [s]
l2events	32090	Number of level 2 events



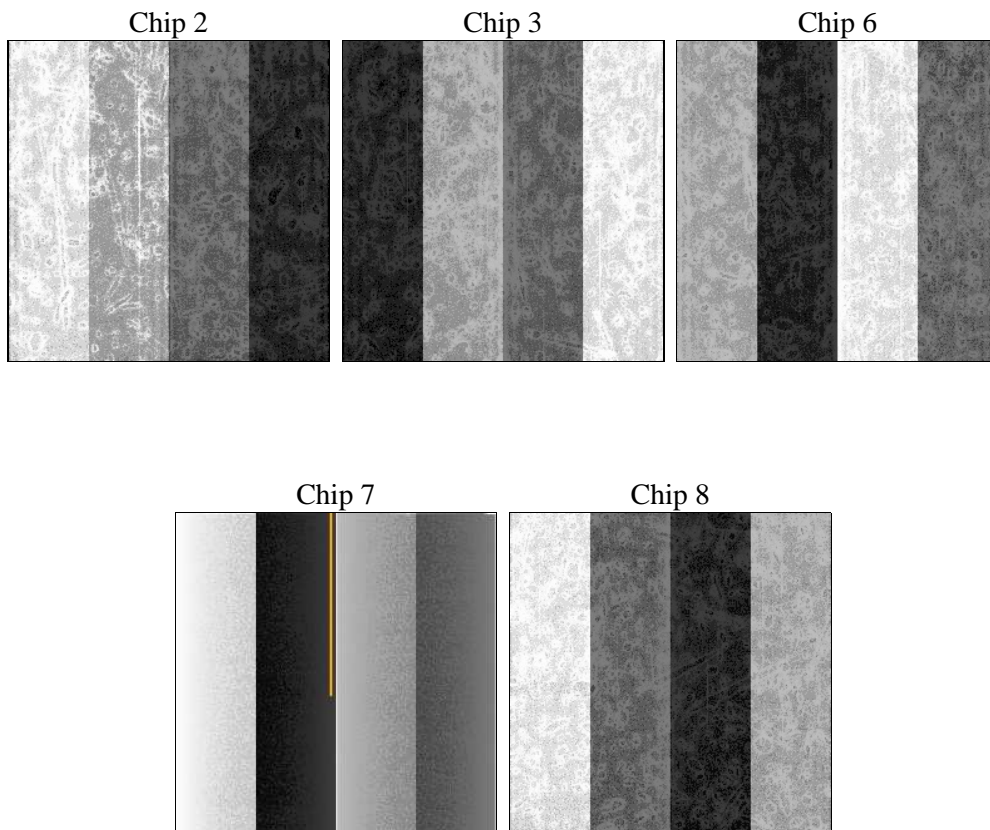
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5105.6999901533	Sum of GTIs [s]
caldbver	4.5.2	 	ontime2	5105.6999901533	Sum of GTIs [s]
date	2012-10-07T08:10:33	Date and time of file creation	ontime3	5105.6999901533	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5105.6999901533	Sum of GTIs [s]
			ontime7	5105.6999901533	Sum of GTIs [s]
			ontime8	5105.6999901533	Sum of GTIs [s]
			l1events	185690	Number of level 1 events

2.1.4 Events

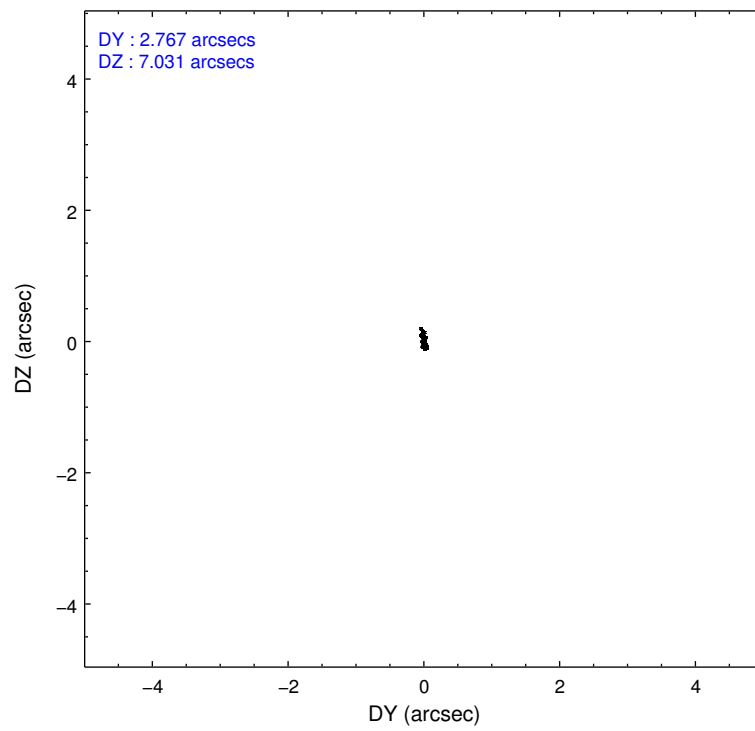
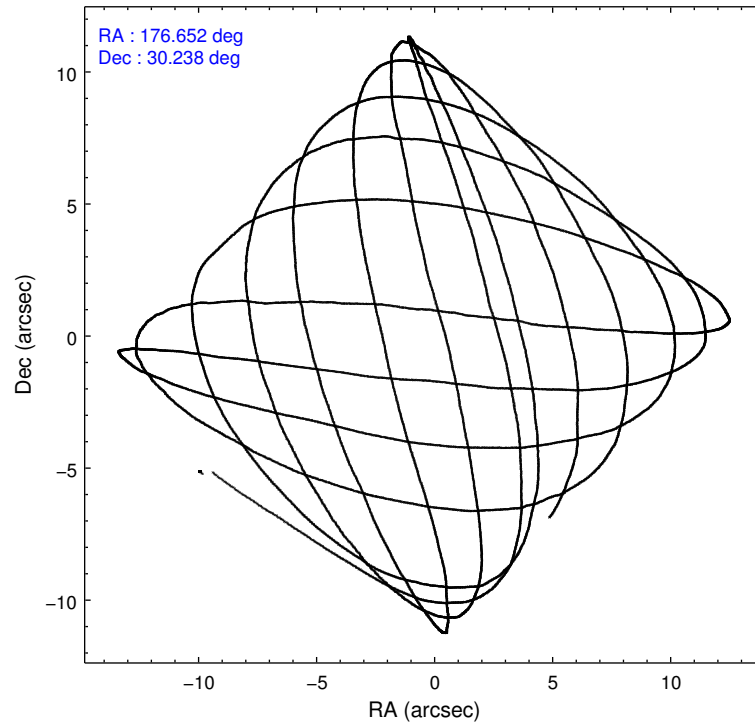
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	31495	32379	33870	44831	43115
rejected events	27817	28452	29866	26254	34456
rejected %	88%	87%	88%	58%	79%

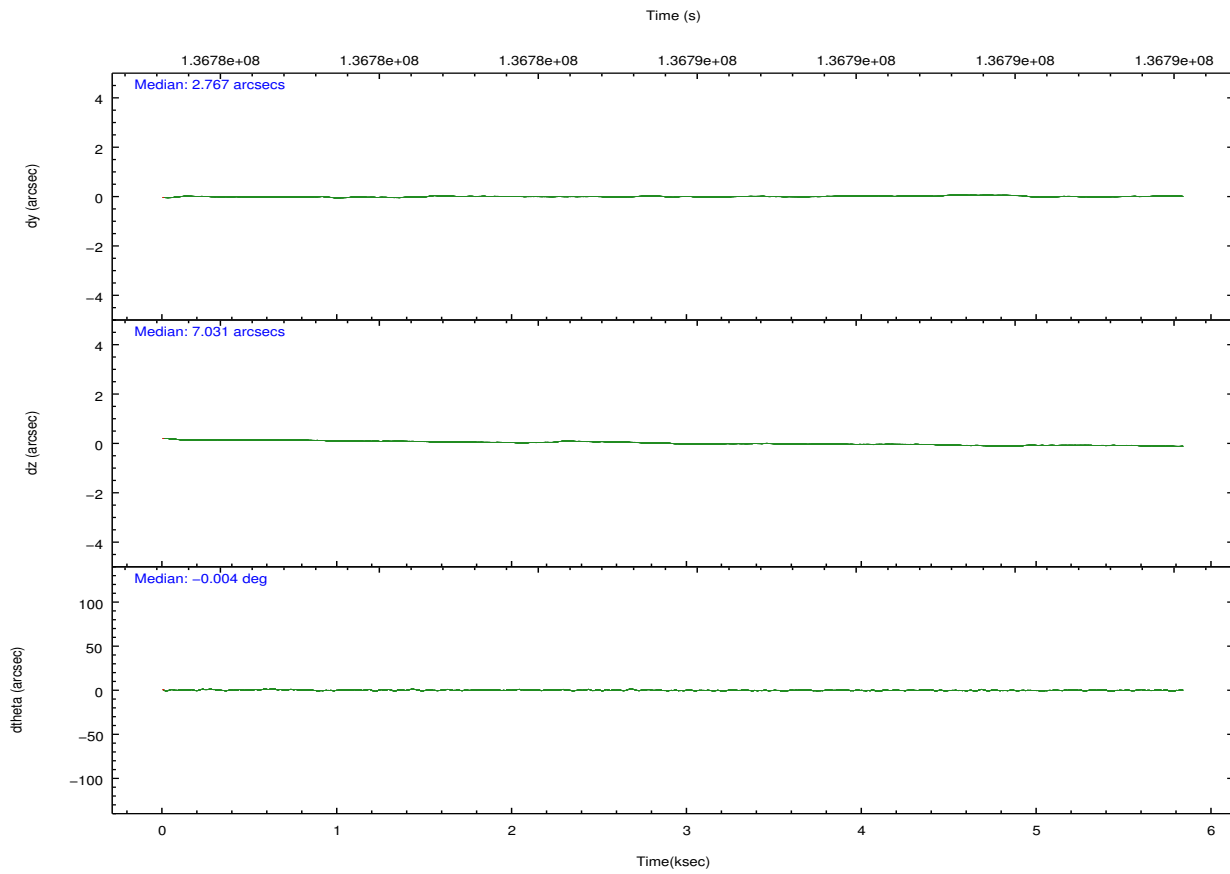
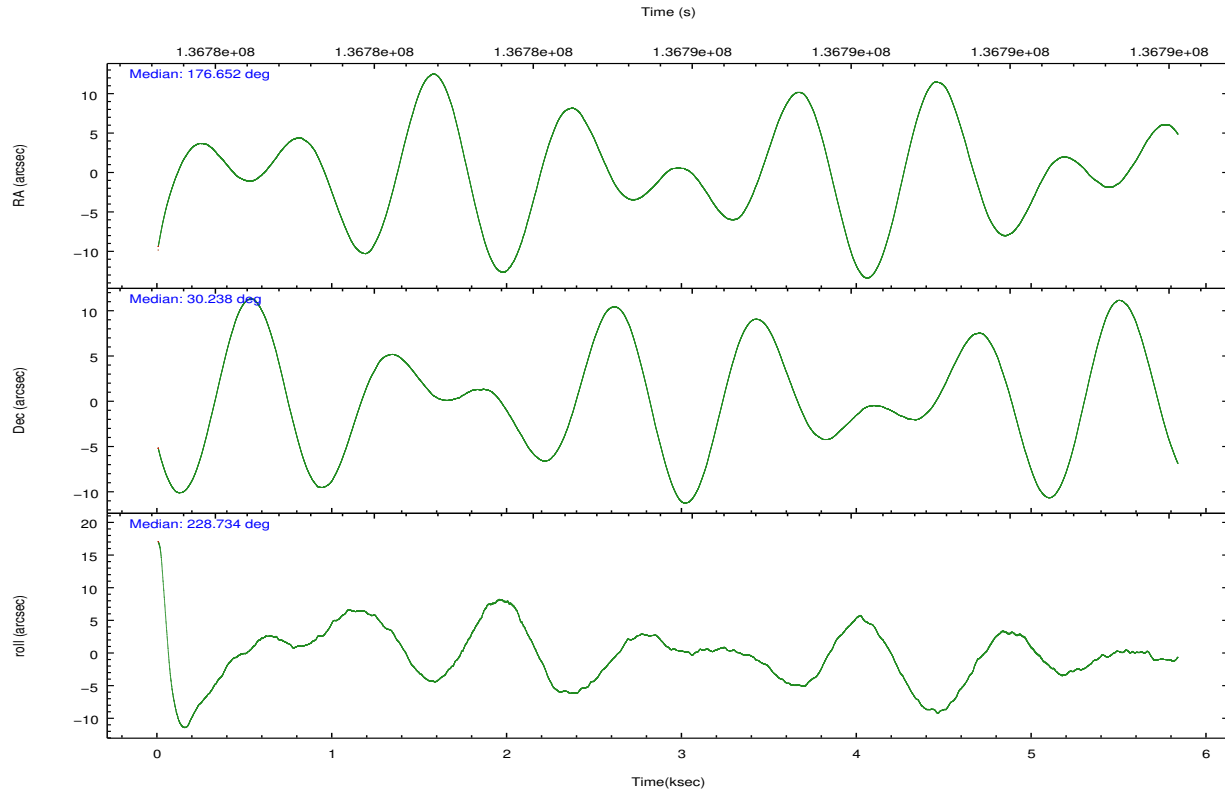
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	1567	1626	1567	1781	2661
	4%	5%	4%	3%	6%
grade 1 events	13	15	17	50	34
	0%	0%	0%	0%	0%
grade 2 events	785	746	830	3742	1881
	2%	2%	2%	8%	4%
grade 3 events	347	405	426	1704	927
	1%	1%	1%	3%	2%
grade 4 events	340	399	404	1645	902
	1%	1%	1%	3%	2%
grade 5 events	1195	1306	1456	4288	1843
	3%	4%	4%	9%	4%
grade 6 events	643	754	777	9714	2291
	2%	2%	2%	21%	5%
grade 7 events	26605	27128	28393	21907	32576
	84%	83%	83%	48%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-23678	ACIS-23678	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	176.657611	176.6519218534209	Subarray requested	NONE	NONE
[deg] Pointing Dec	30.264869	30.23807004671397	Alternating exposures requested	N	N
[deg] Pointing Roll	228.578363	228.7378989625763	[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)	136783768.184000	136782490.62616			
Observation start date	2002-05-03T03:28:24	2002-05-03T03:08:10			
[s] Observation end time (MET)	136788768.184000	136789231.53893			
Observation end date	2002-05-03T04:51:44	2002-05-03T05:00:31			
Read mode	TIMED	TIMED			

2.3 Aspect





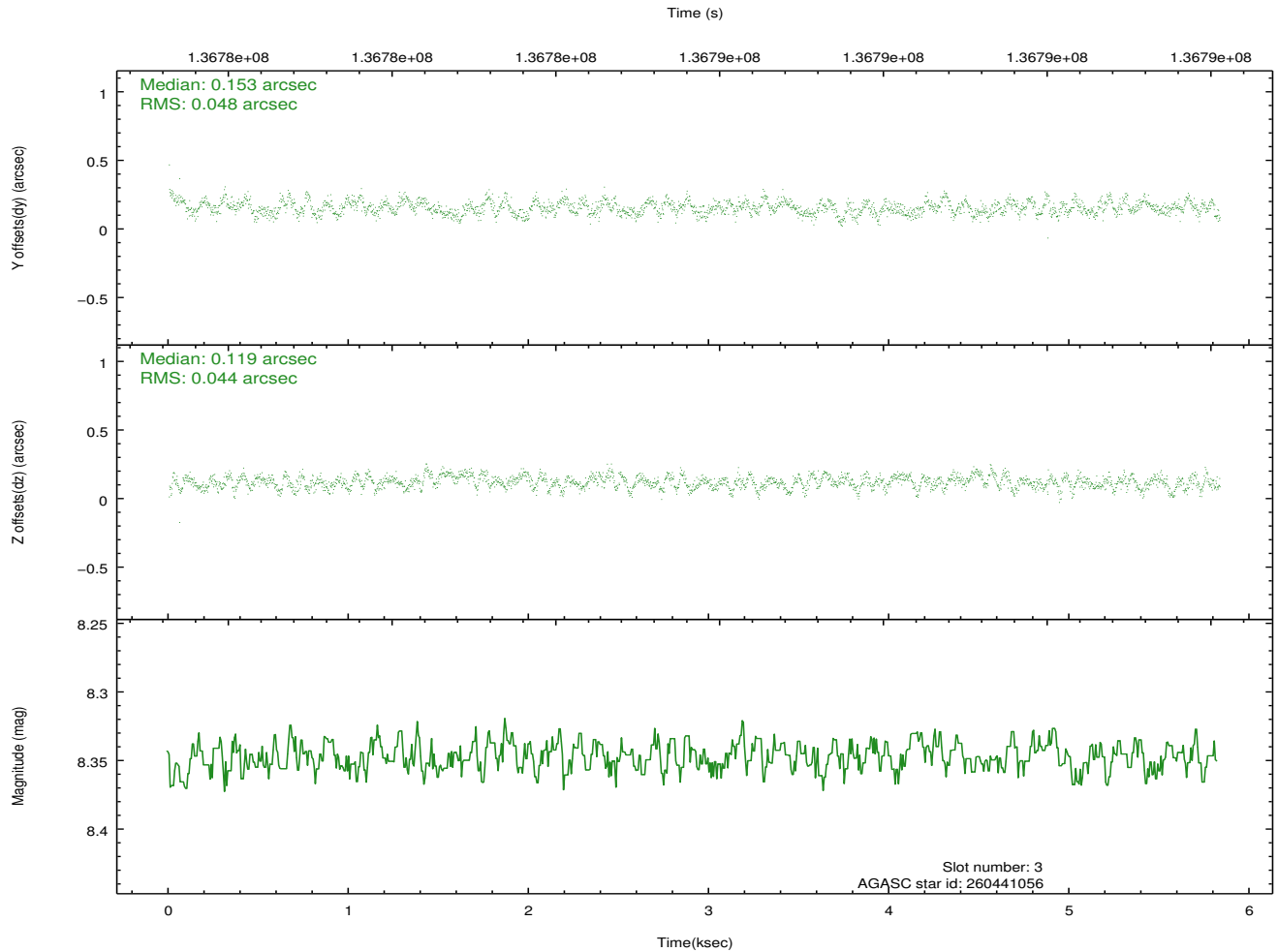
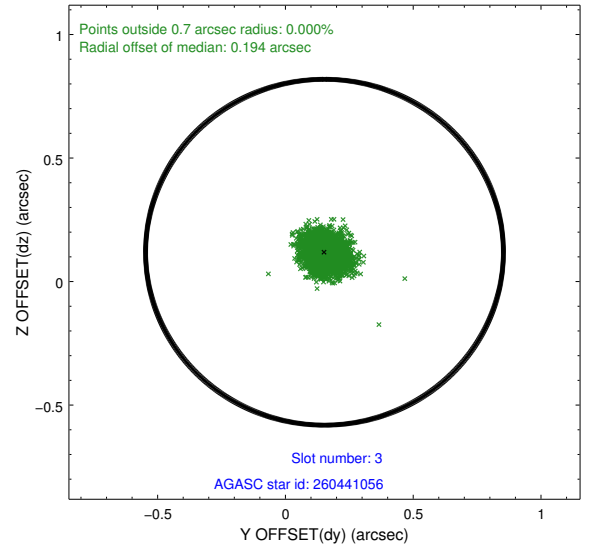
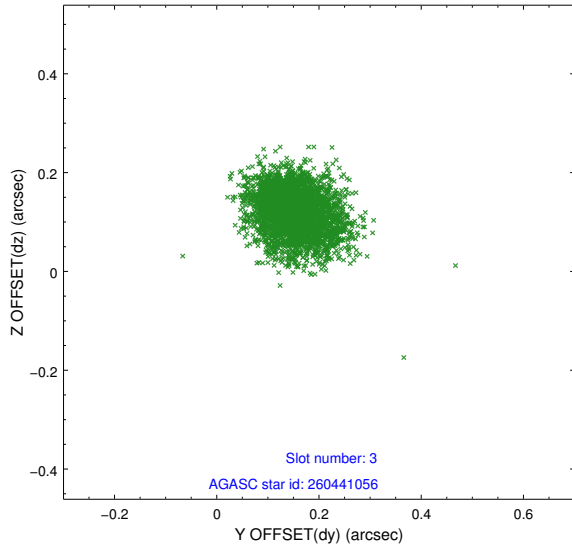
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1423	-0.000	0.004	0.006	0.011	0.000000	0.000000	-755.39	-1728.16
1	FID	ACIS-S-4	7.20	1423	-0.018	-0.002	0.006	0.010	0.000000	0.000000	2157.39	179.28
2	FID	ACIS-S-6	7.35	1423	-0.009	0.006	0.007	0.012	0.000000	0.000000	407.88	817.83
3	GUIDE	260441056	8.35	2845	0.153	0.119	0.070	0.109	176.054478	29.895413	2240.08	-534.62
4	GUIDE	330842928	8.92	2845	-0.063	0.005	0.066	0.108	176.732452	30.611299	-1086.99	-651.57
5	GUIDE	330841368	9.35	2846	0.027	0.043	0.091	0.145	176.648687	30.422810	-407.37	-397.27
6	GUIDE	330843144	9.56	2843	-0.076	-0.080	0.103	0.164	176.247786	30.777223	-545.35	-2172.68
7	GUIDE	330843488	9.76	2844	-0.040	-0.089	0.101	0.164	175.934134	30.463276	945.15	-2161.52

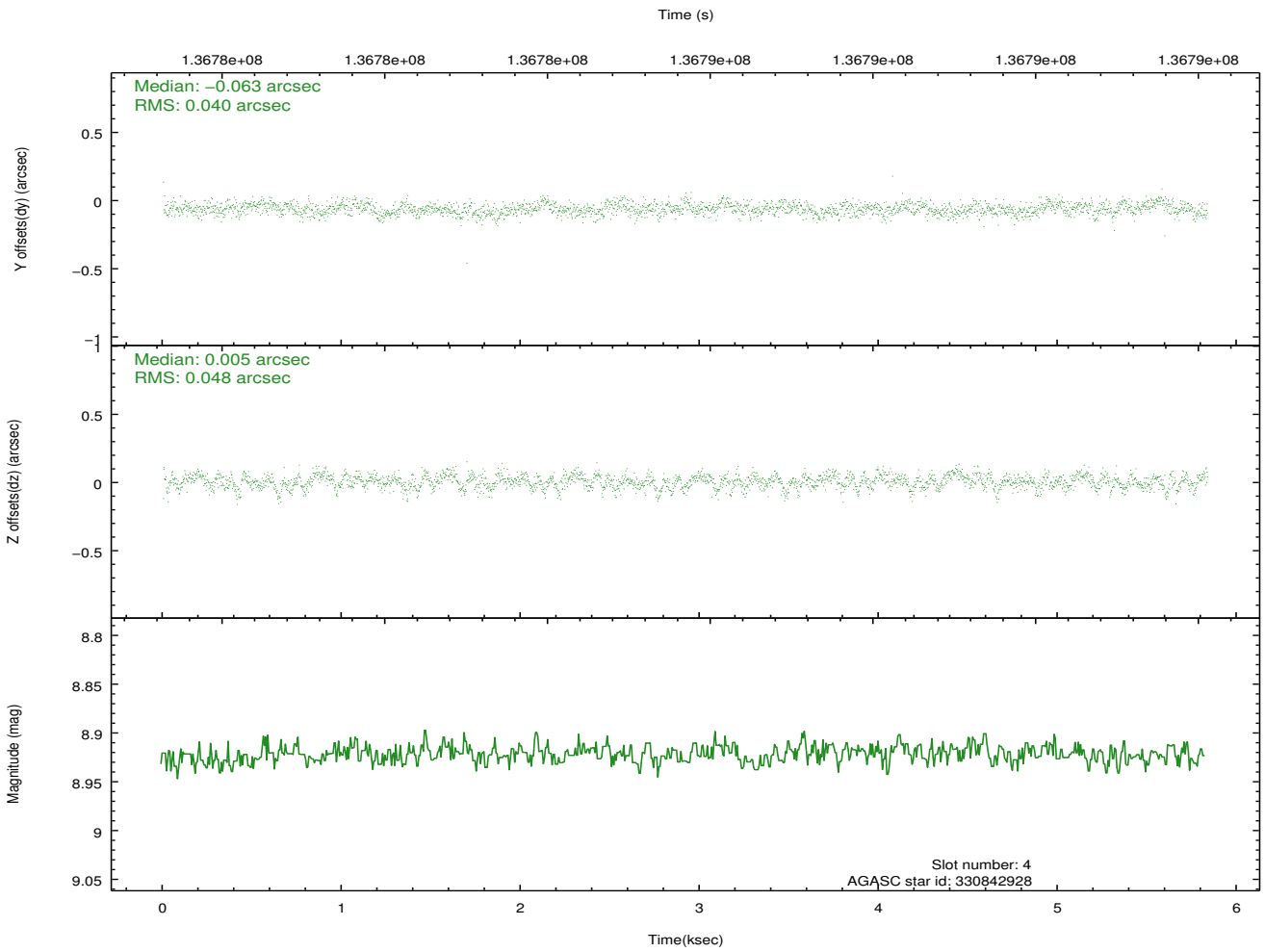
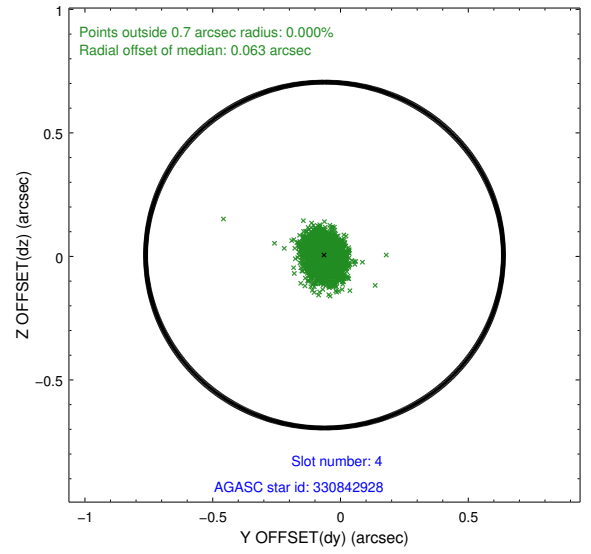
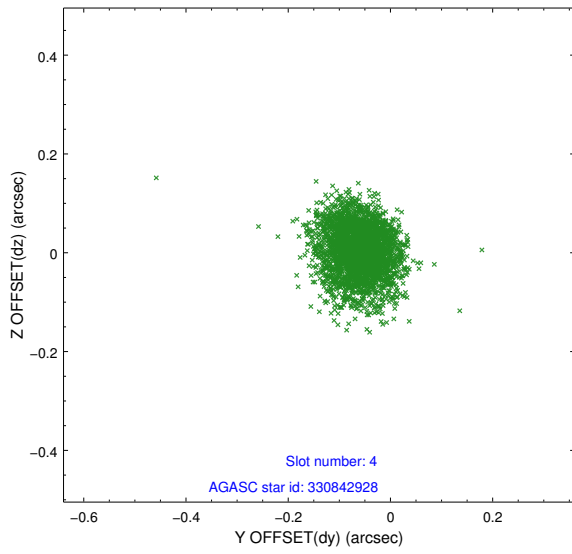
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2.4 Star Slots

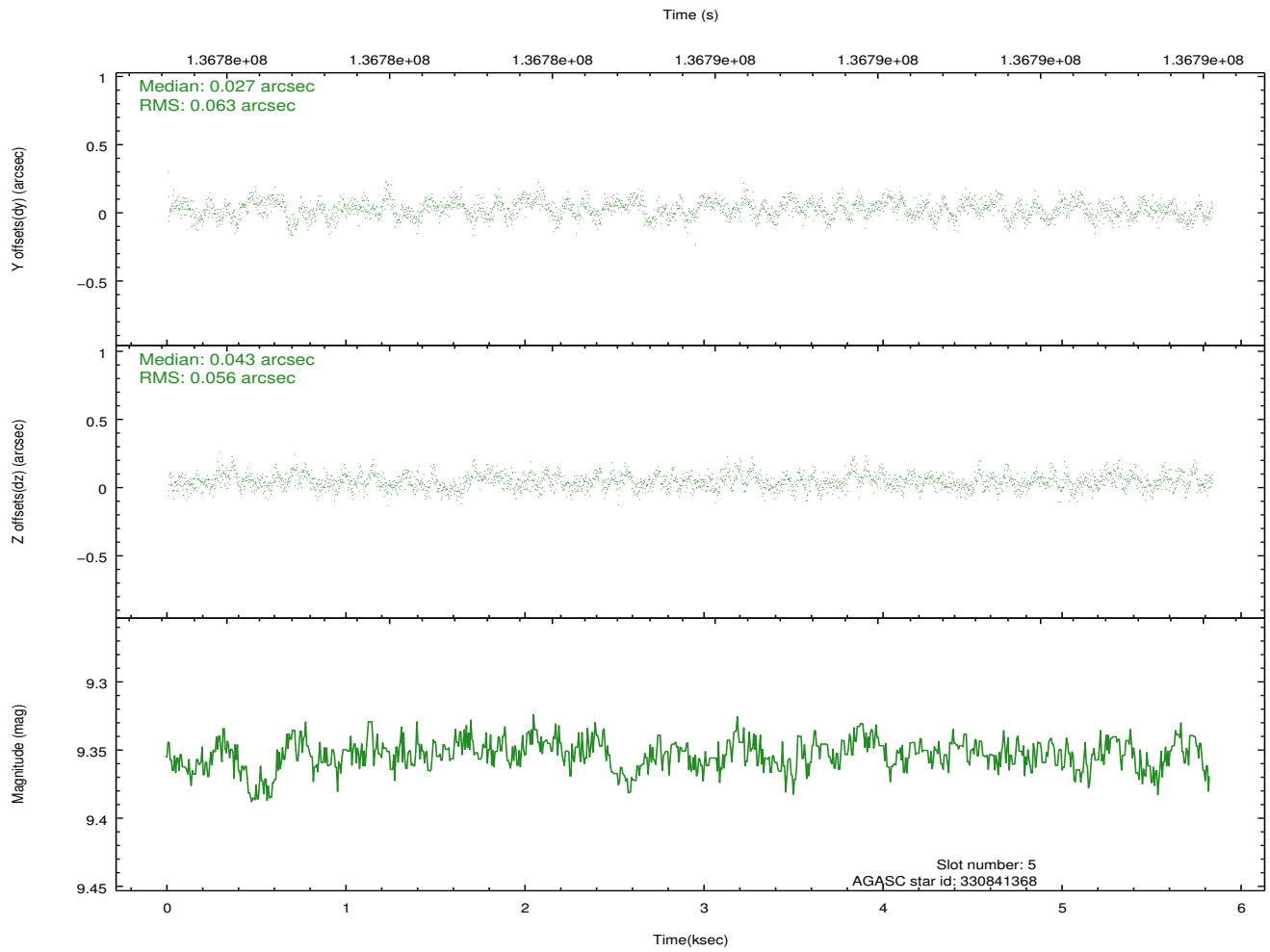
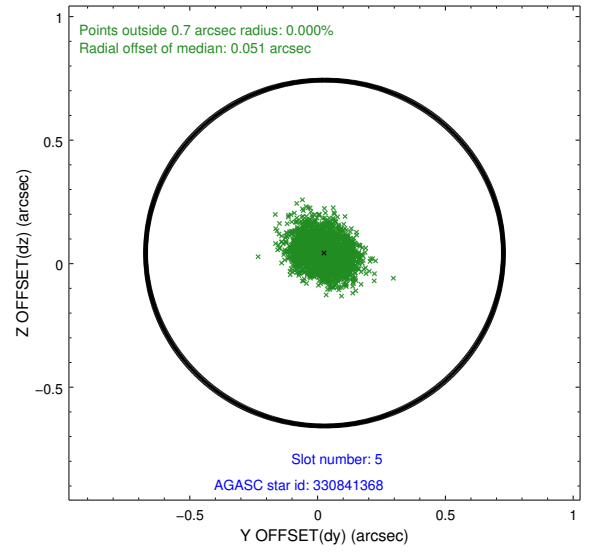
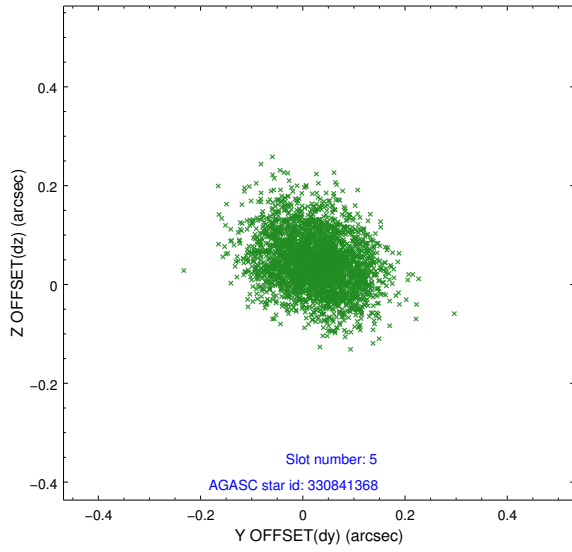
2.4.1 Slot 3



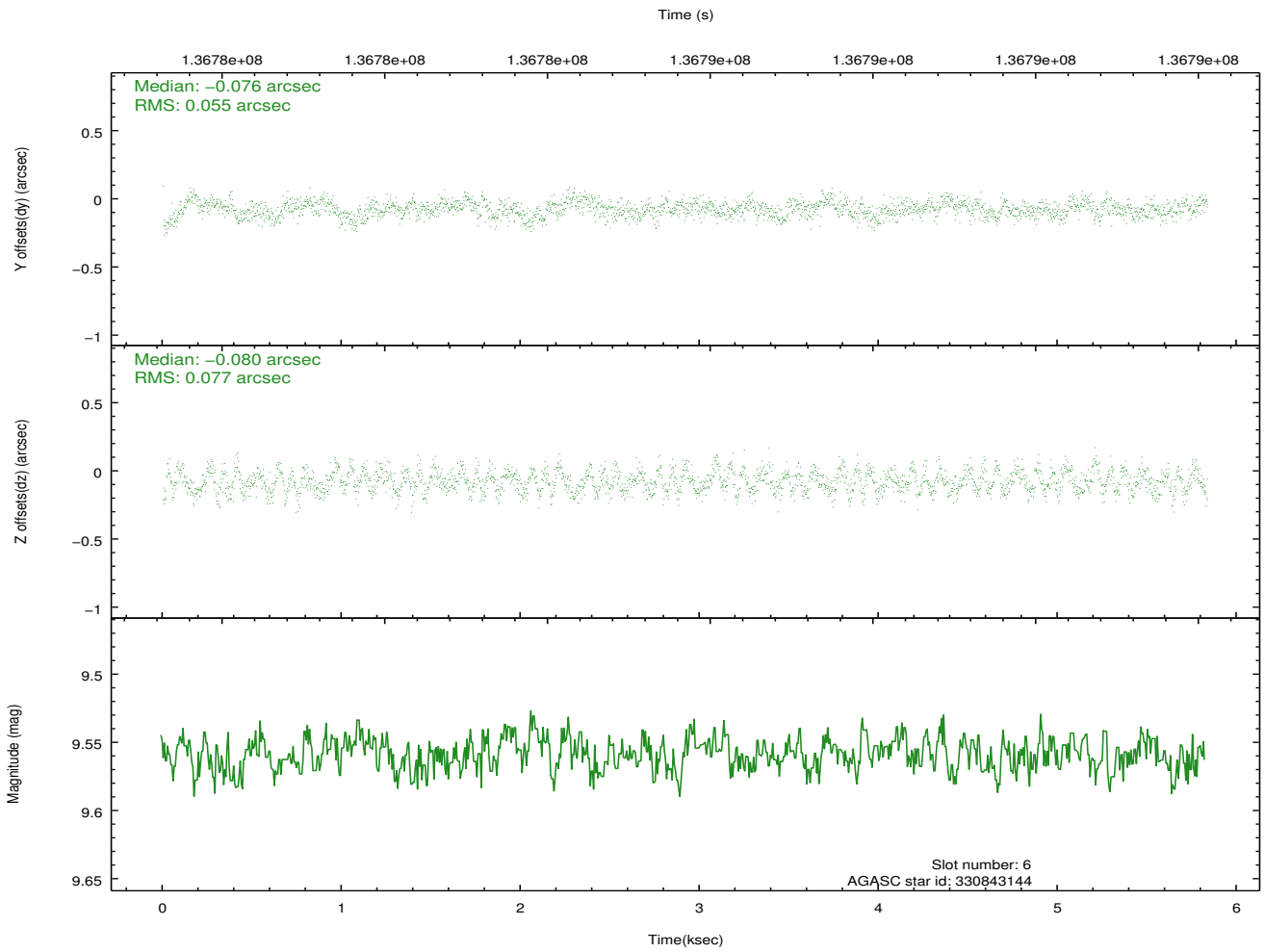
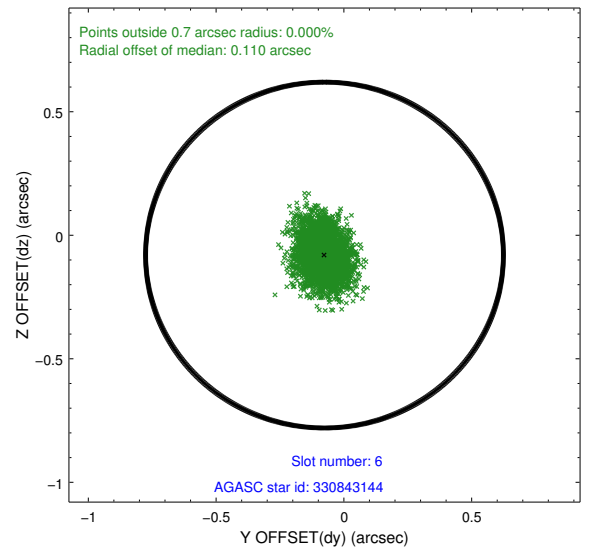
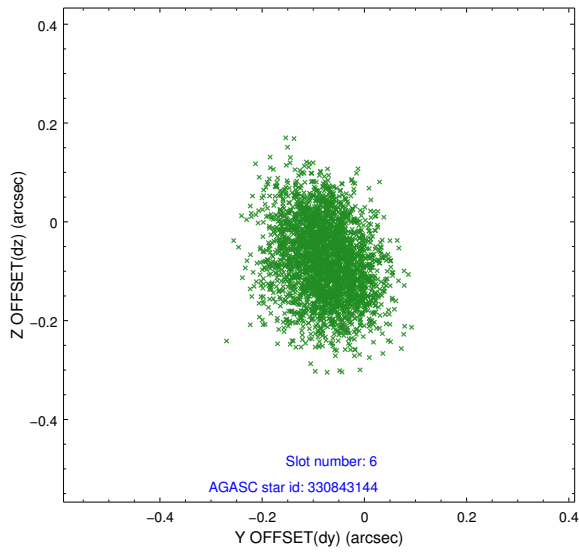
2.4.2 Slot 4



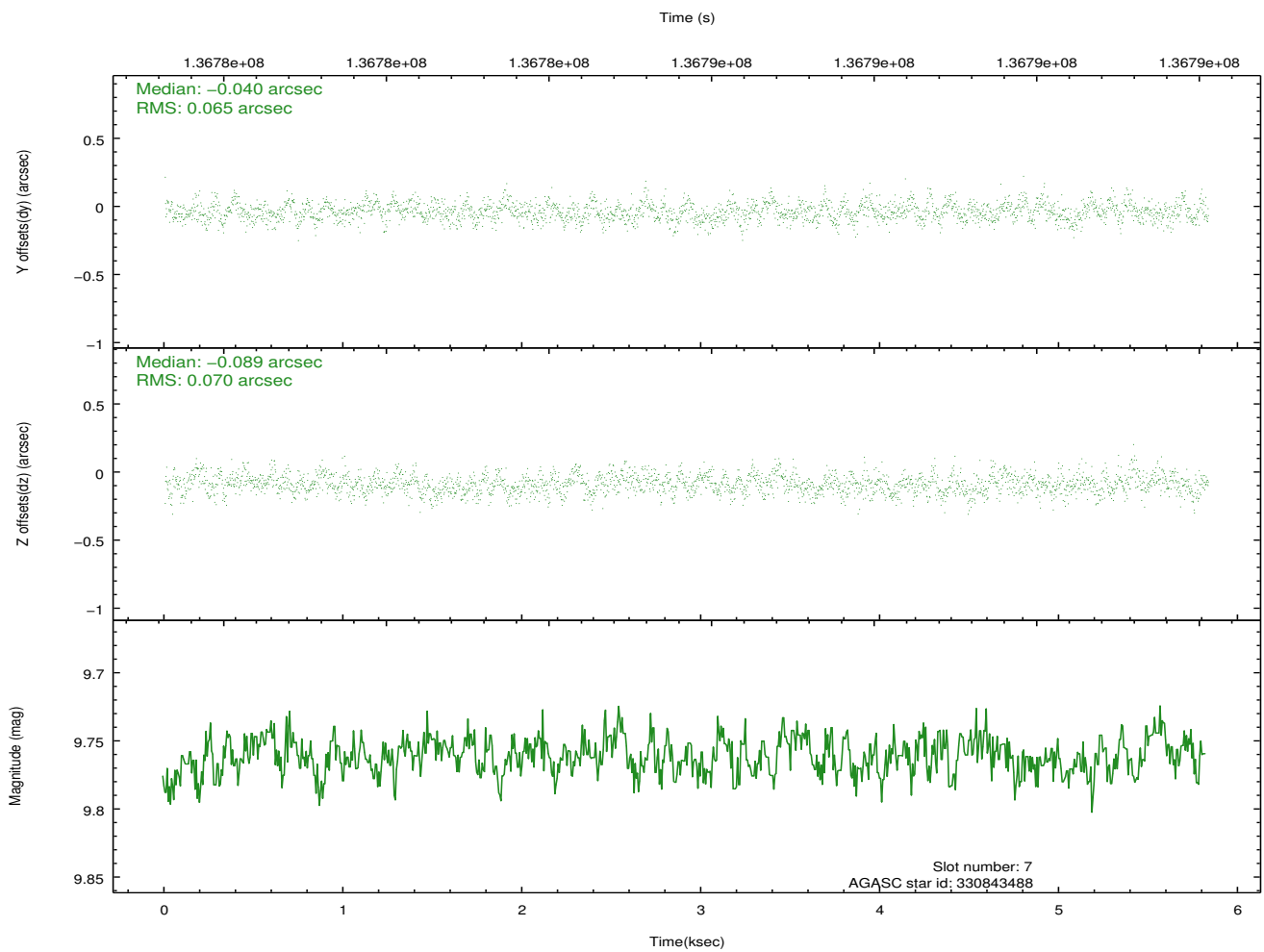
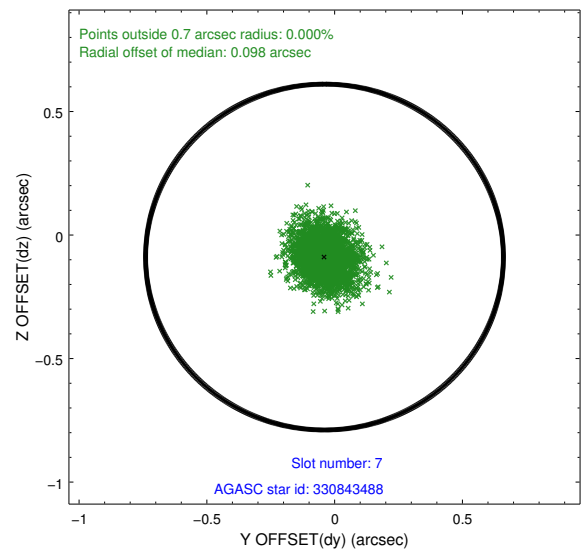
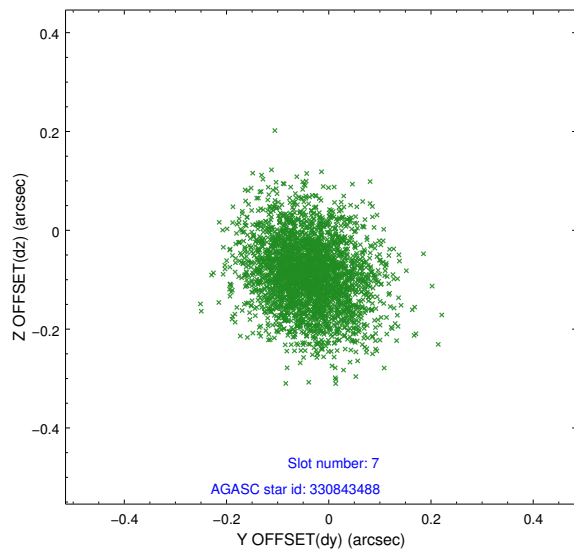
2.4.3 Slot 5



2.4.4 Slot 6

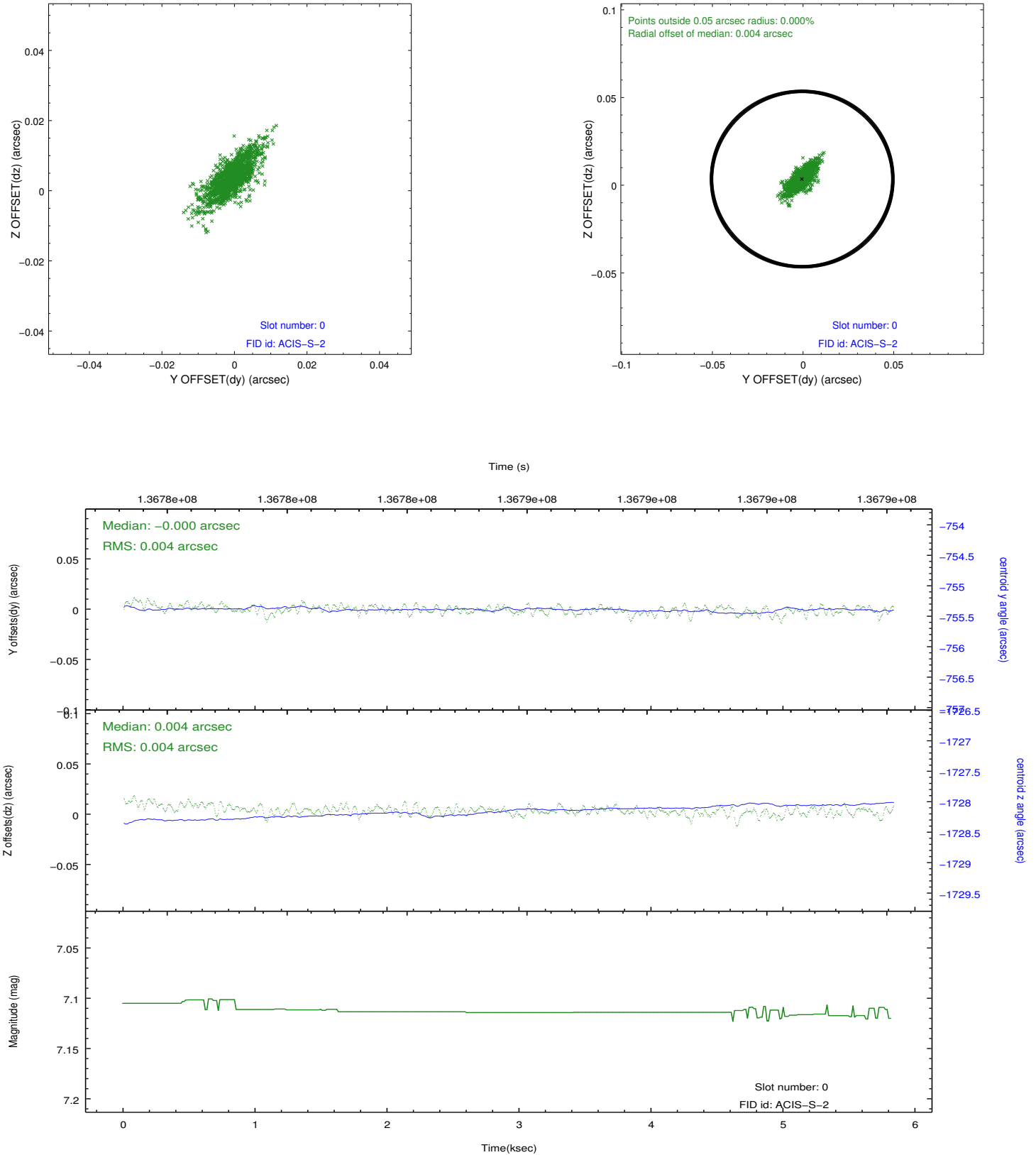


2.4.5 Slot 7

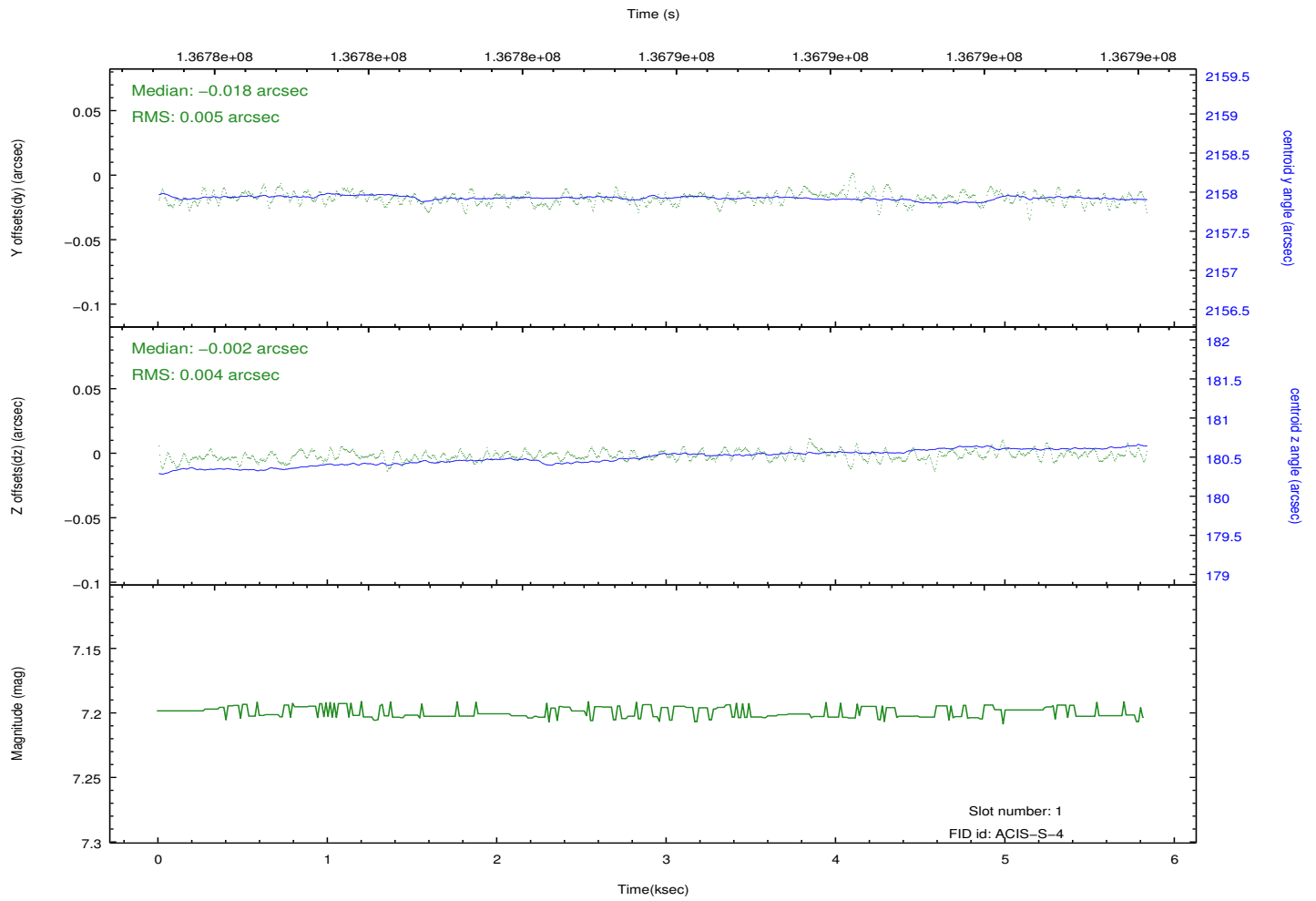
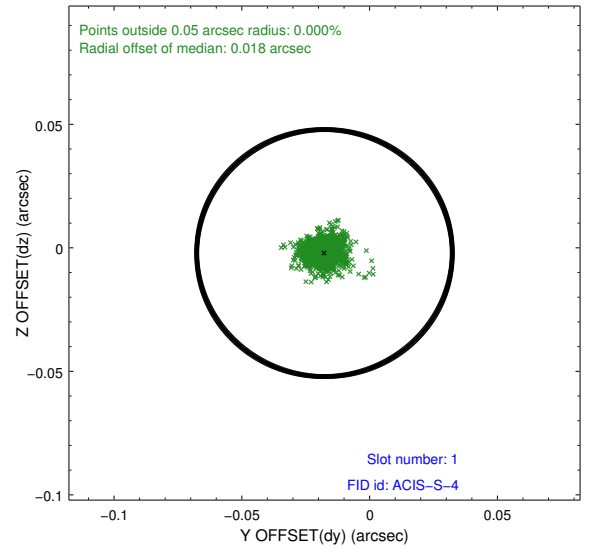
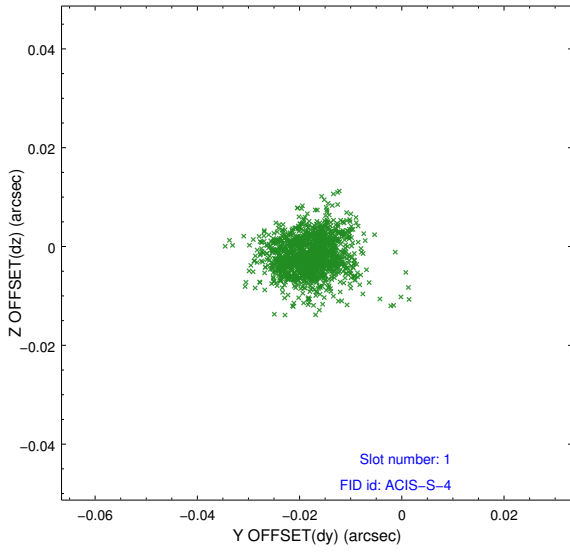


2.5 FID Slots

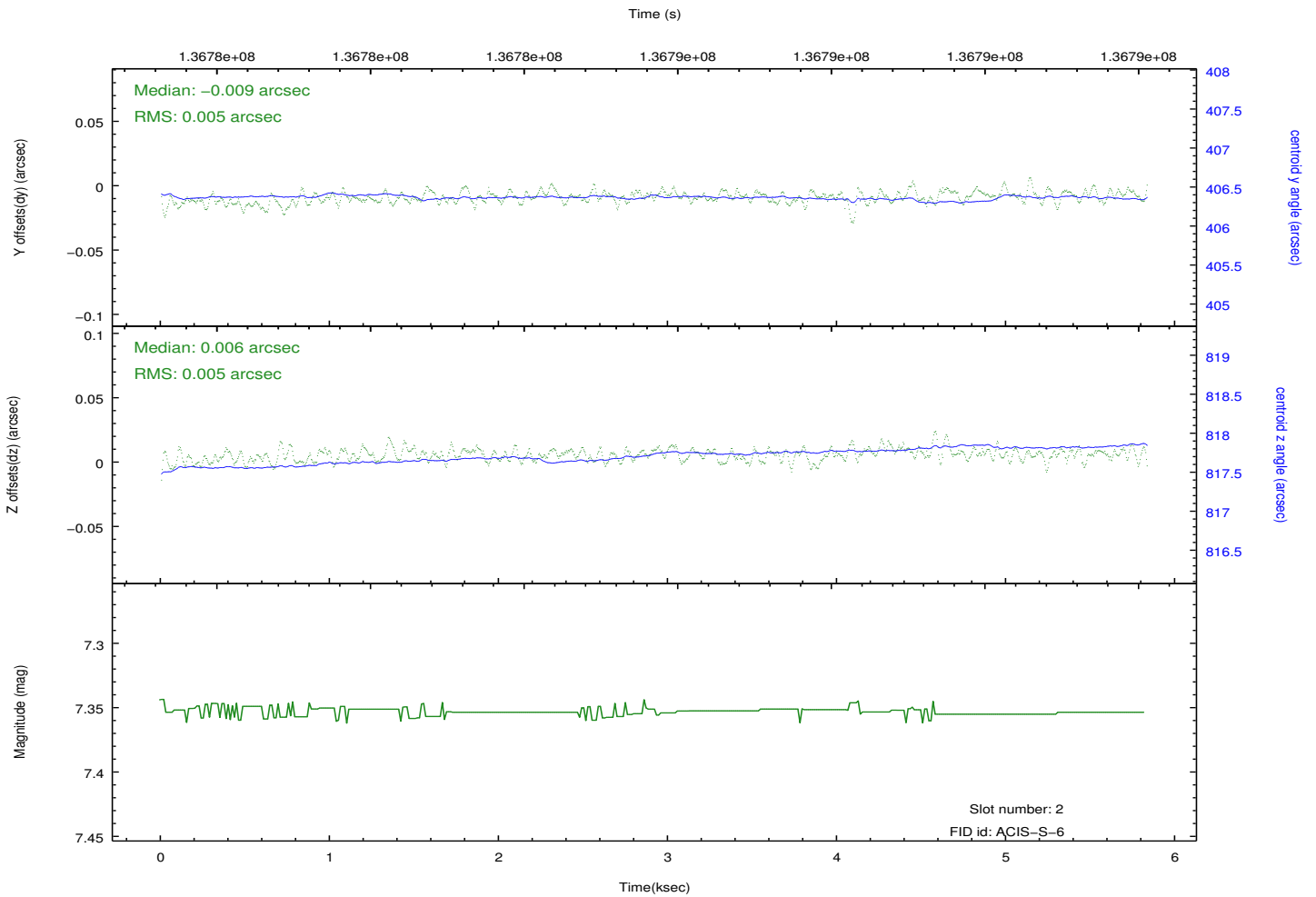
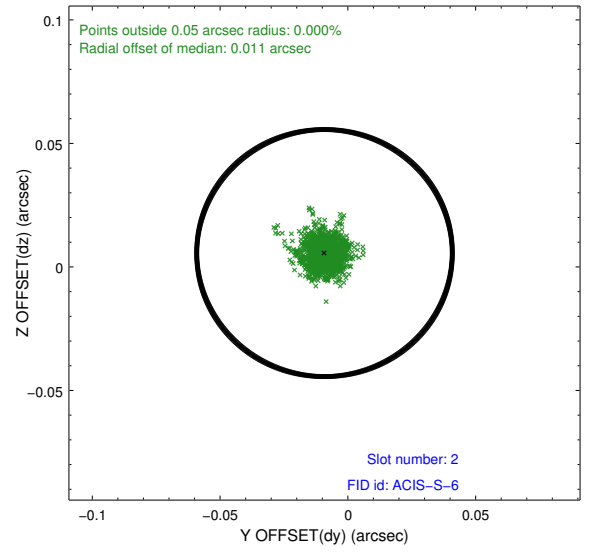
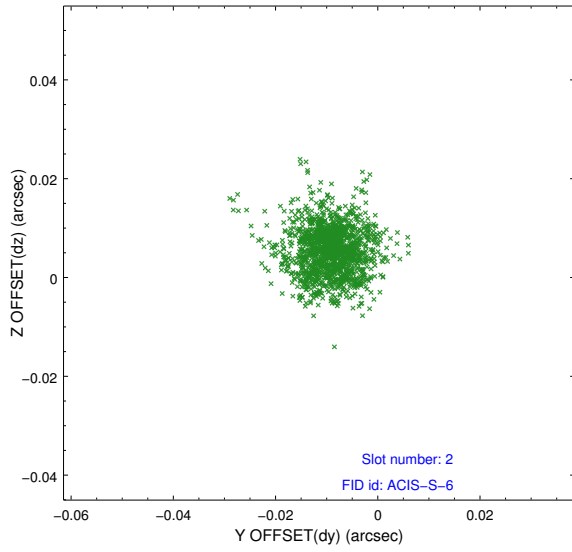
2.5.1 Slot 0



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)	2012.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.109

A.2 Comments

Joint proposal with HST.