

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4651 - L2 Version 3
Chandra X-Ray Center

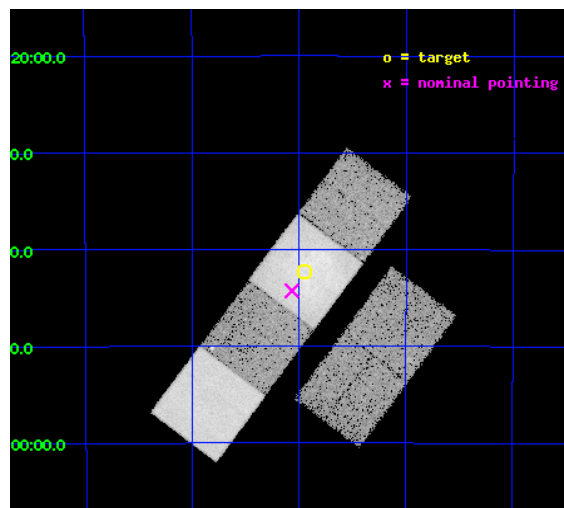
L2 Processing Date : Dec 3 2012

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1 Front

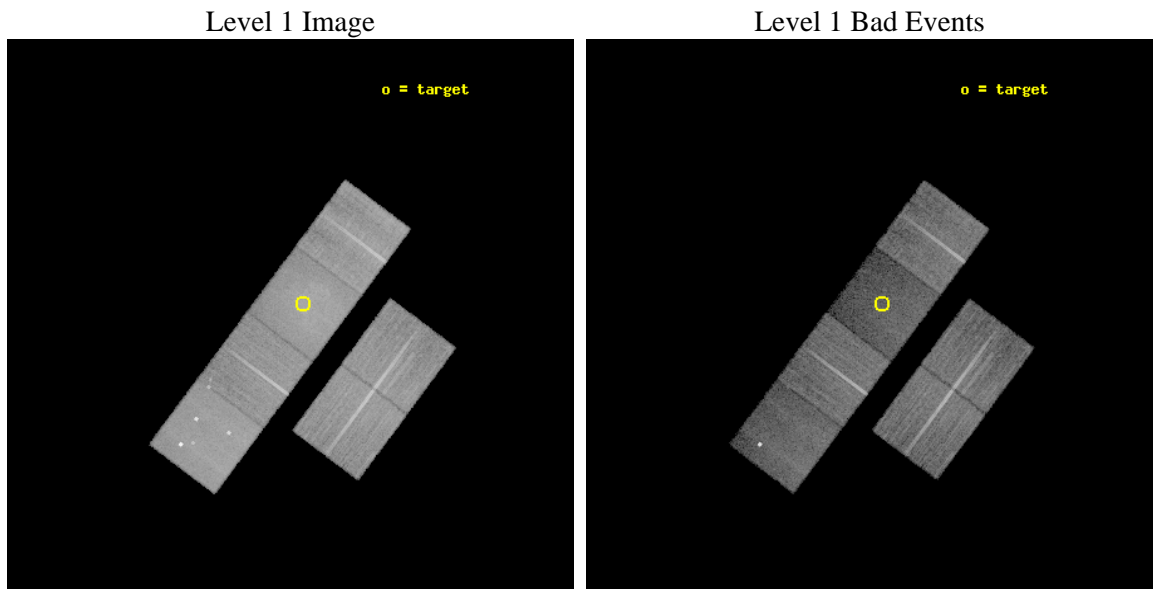
seq_num	500470	Sequence number
obs_id	4651	Observation id
title	Chandra Studies of New Galactic Ejecta-Dominated SNRS	Proposal tit
observer	Prof. John Hughes	Principal investigator
object	G344.7-0.1	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.9875	Observer's specified target RA [deg]
dec_targ	-41.705417	Observer's specified target Dec [deg]
ra_nom	256.01711578736	Nominal RA [deg]
dec_nom	-41.737993095255	Nominal Dec [deg]
roll_nom	306.77633066102	Nominal Roll [deg]
revision	3	Processing version of data
ontime	21020.799921691	Sum of GTIs [s]
livetime	20754.621895877	Livetime [s]
ontime2	21020.799921691	Sum of GTIs [s]
ontime3	21020.799921691	Sum of GTIs [s]
ontime5	21020.799921691	Sum of GTIs [s]
ontime6	21017.558941394	Sum of GTIs [s]
ontime7	21020.799921691	Sum of GTIs [s]
ontime8	21020.799921691	Sum of GTIs [s]
l2events	220160	Number of level 2 events



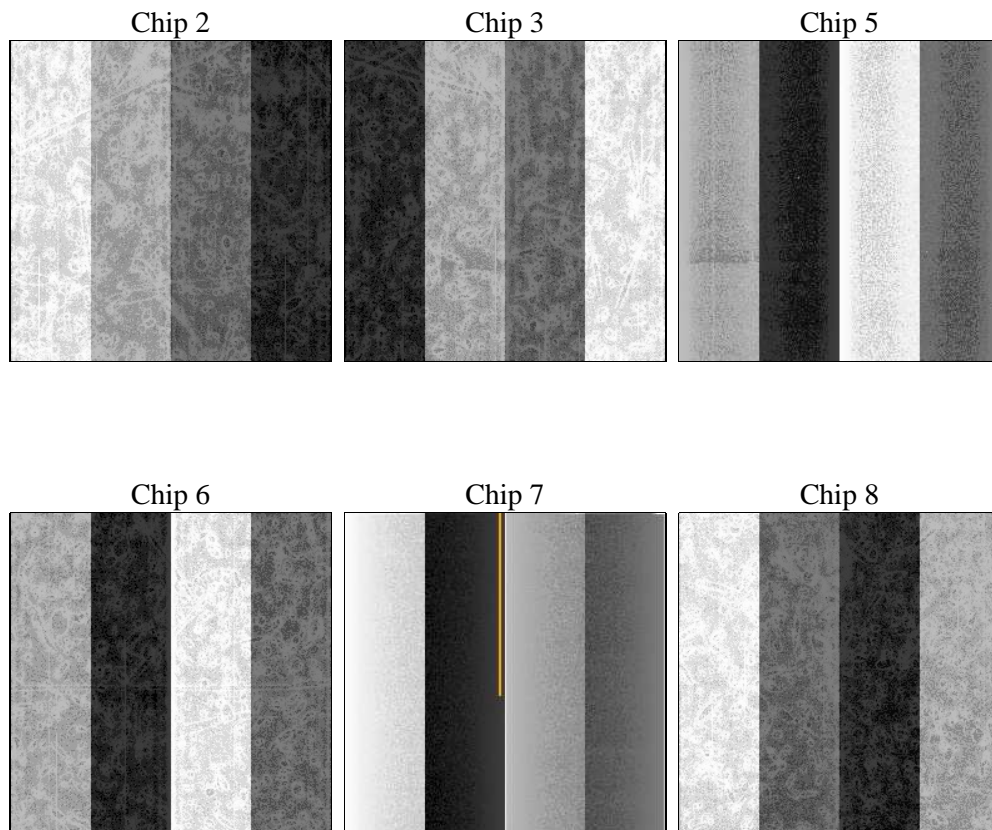
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	21065.080000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	21020.799921691	Sum of GTIs [s]
caldbver	4.5.2	 	ontime2	21020.799921691	Sum of GTIs [s]
date	2012-12-03T05:15:16	Date and time of file creation	ontime3	21020.799921691	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	21020.799921691	Sum of GTIs [s]
			ontime6	21017.558941394	Sum of GTIs [s]
			ontime7	21020.799921691	Sum of GTIs [s]
			ontime8	21020.799921691	Sum of GTIs [s]
			l1events	846201	Number of level 1 events

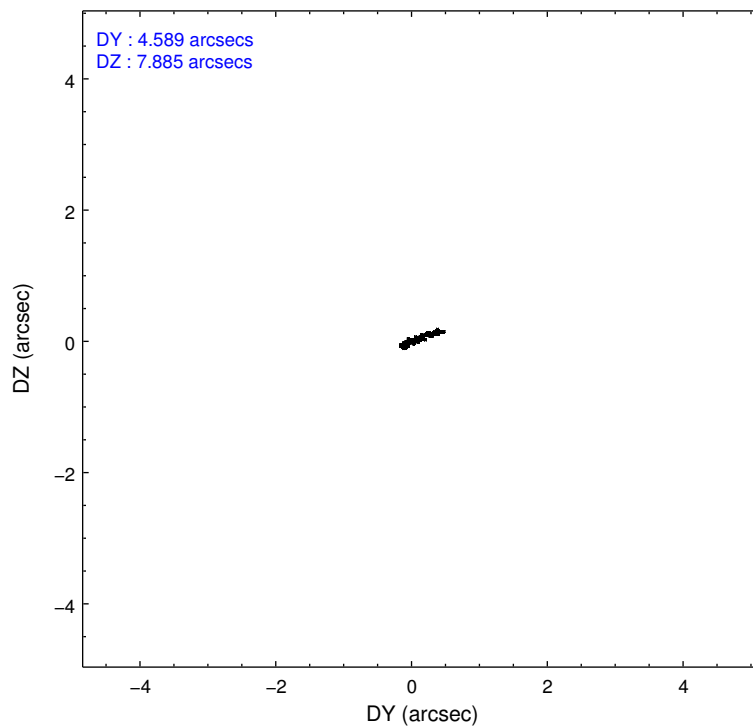
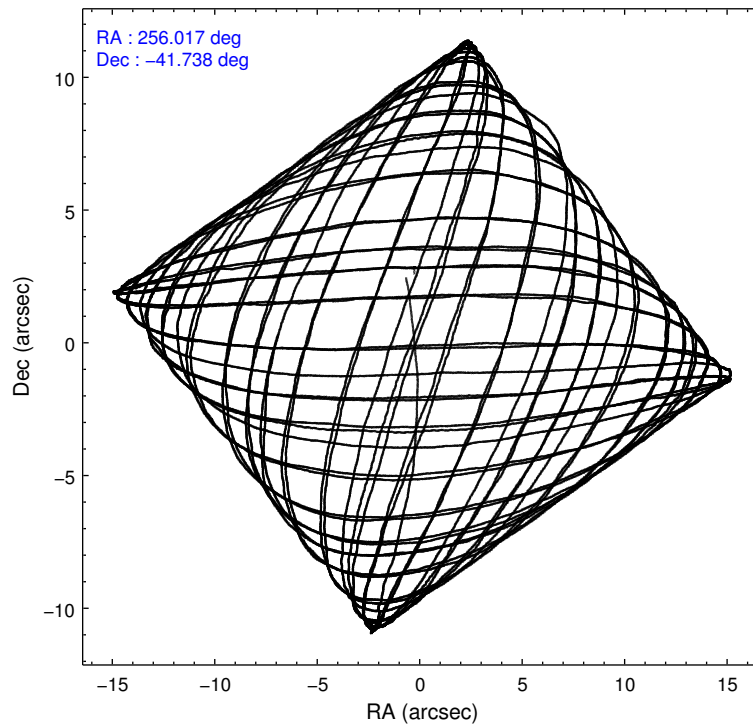
2.1.4 Events

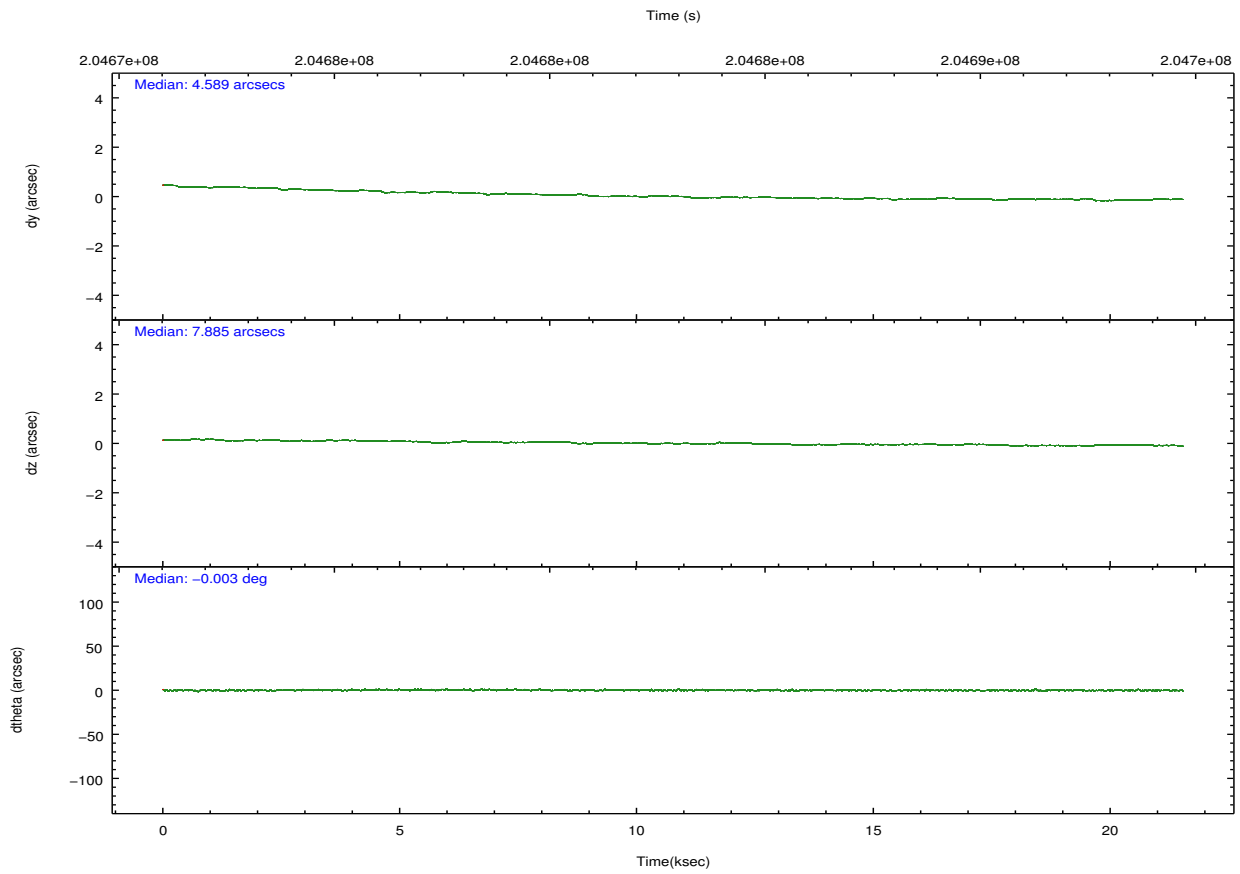
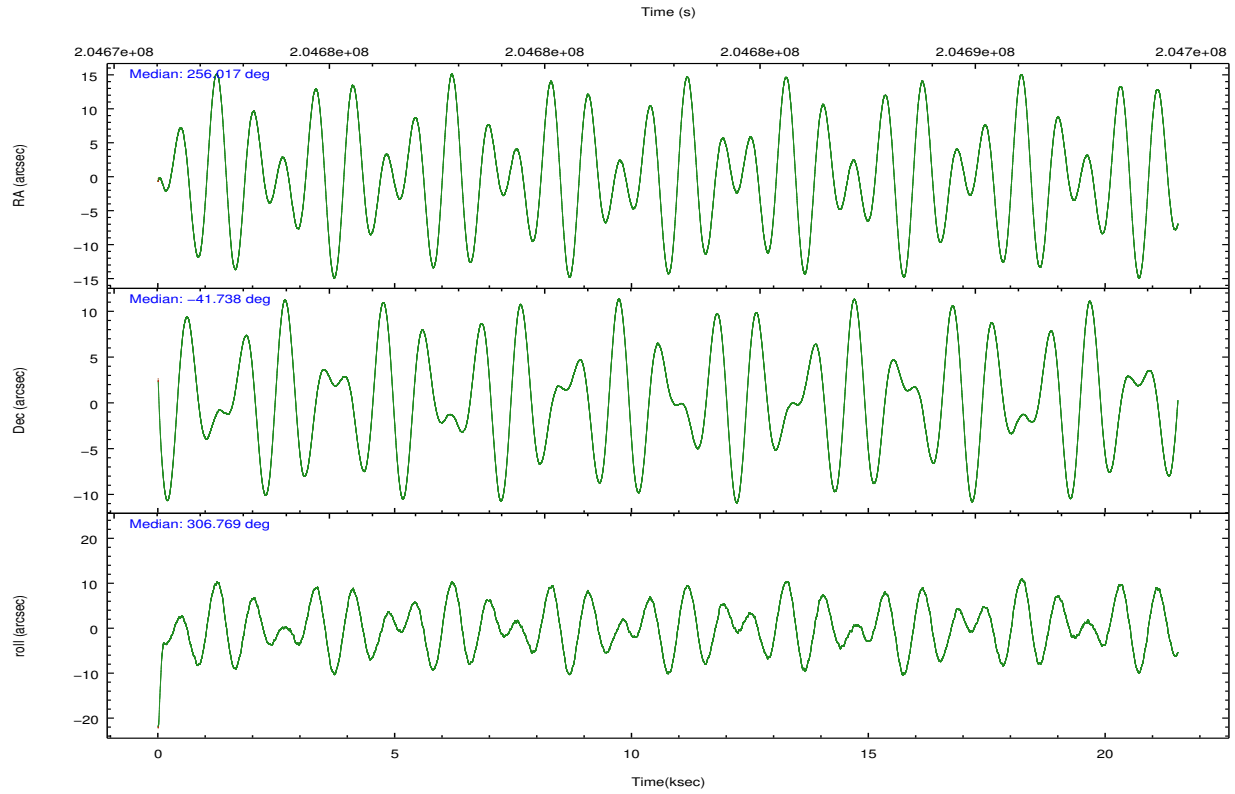
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	133278	122402	166616	123229	149428	151248	grade 0 events	5773	5385	12986	6916	11898	11606
rejected events	119880	109770	75483	107915	58129	113459		4%	4%	7%	5%	7%	7%
rejected %	89%	89%	45%	87%	38%	75%	grade 1 events	72	77	189	60	128	129
								0%	0%	0%	0%	0%	0%
							grade 2 events	2926	2478	27194	2937	20320	8556
								2%	2%	16%	2%	13%	5%
							grade 3 events	1297	1345	4232	1448	9380	3951
								0%	1%	2%	1%	6%	2%
							grade 4 events	1309	1338	4150	1413	9376	3704
								0%	1%	2%	1%	6%	2%
							grade 5 events	3495	4023	12469	4131	12732	6023
								2%	3%	7%	3%	8%	3%
							grade 6 events	2097	2089	42602	2604	40351	9989
								1%	1%	25%	2%	27%	6%
							grade 7 events	116309	105667	62794	103720	45243	107290
								87%	86%	37%	84%	30%	70%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	255.983380	256.0171157873618	Subarray requested	NONE	NONE
[deg] Pointing Dec	-41.727542	-41.73799309525545	Alternating exposures requested	N	N
[deg] Pointing Roll	306.597253	306.776330661021	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	204672568.184000	204671466.62318			
Observation start date	2004-06-26T21:28:24	2004-06-26T21:11:06			
[s] Observation end time (MET)	204693633.184000	204693851.59917			
Observation end date	2004-06-27T03:19:29	2004-06-27T03:24:11			
Read mode	TIMED	TIMED			

2.3 Aspect



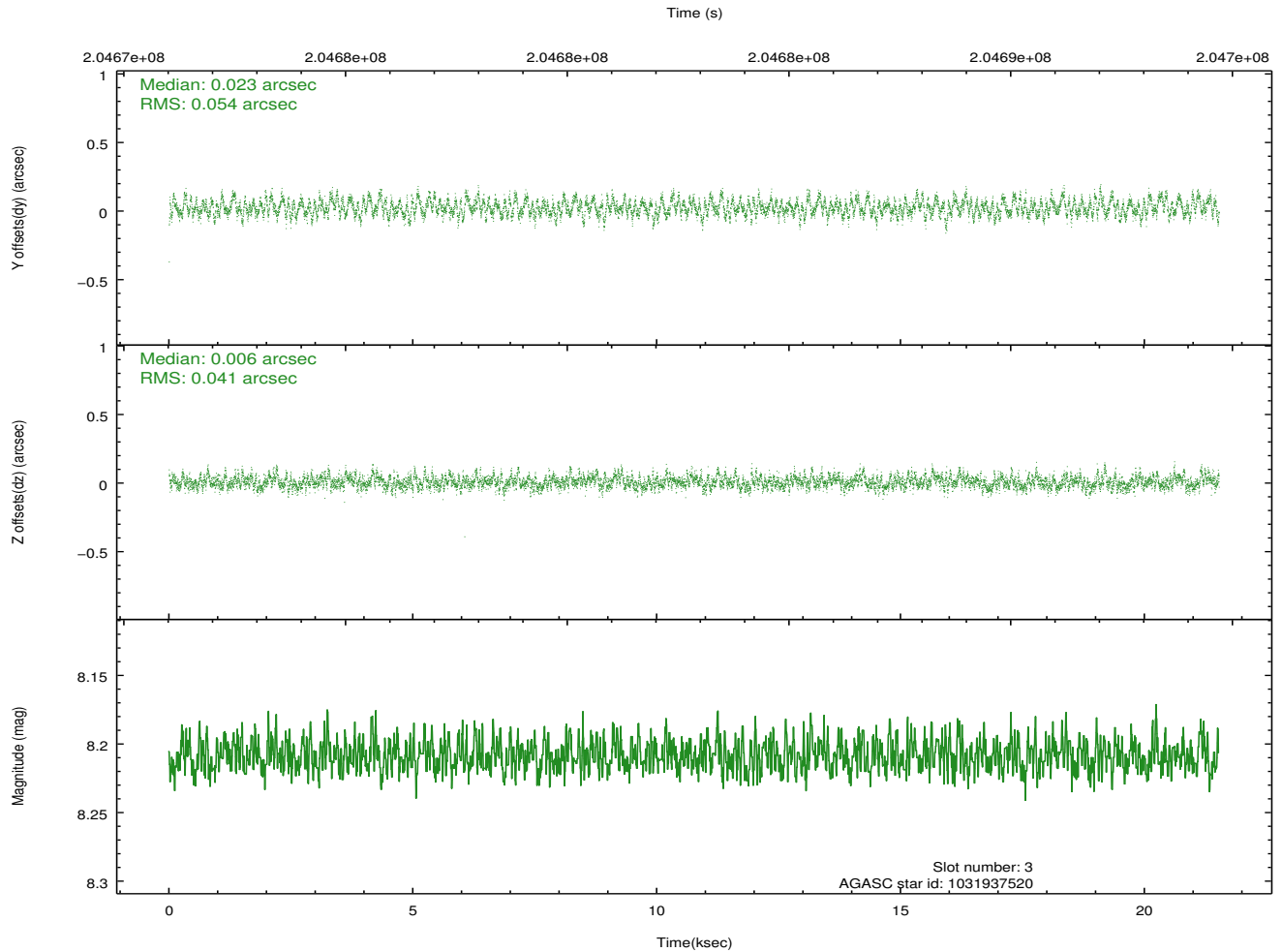
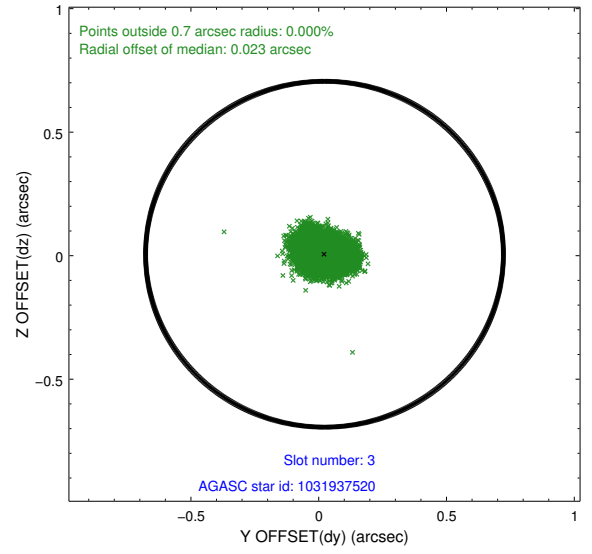
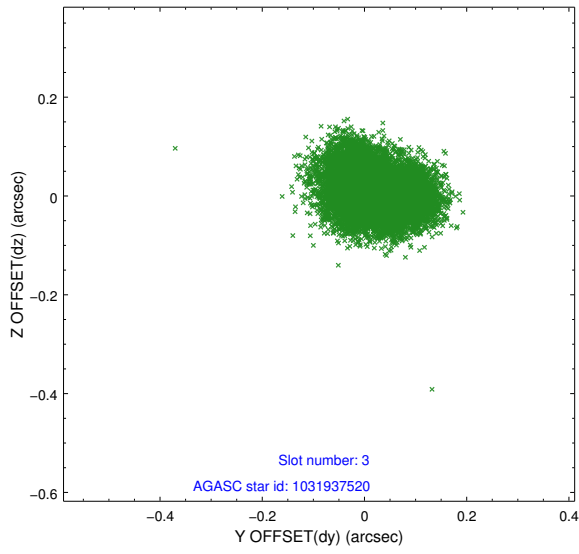


Slot Statistics

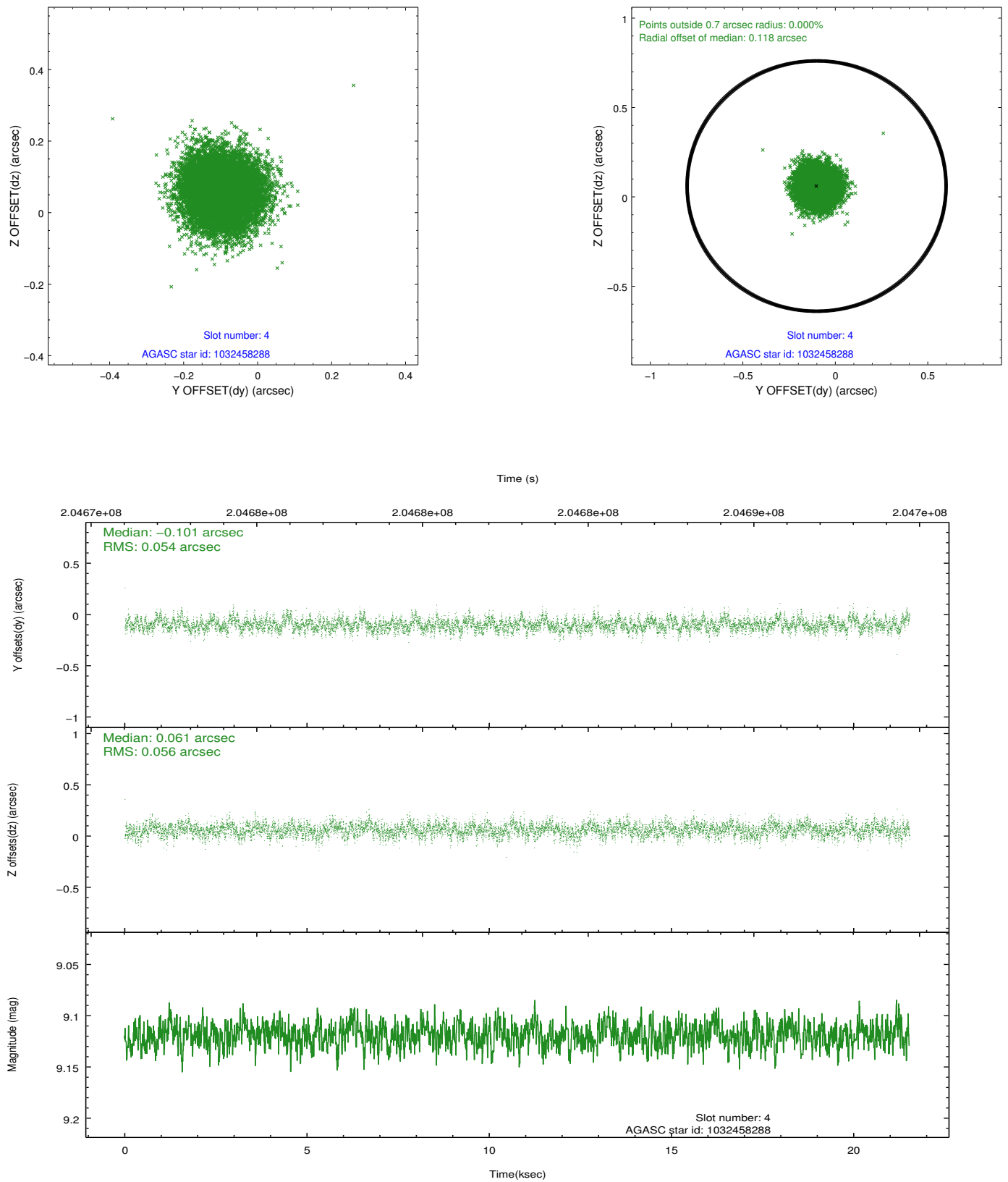
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	5251	-0.079	-0.052	0.007	0.013	0.000000	0.000000	-757.44	-1729.12
1	FID	ACIS-S-4	7.21	5248	0.056	0.048	0.007	0.013	0.000000	0.000000	2155.93	179.24
2	FID	ACIS-S-6	7.35	5251	-0.004	0.010	0.007	0.012	0.000000	0.000000	404.88	816.81
3	GUIDE	1031937520	8.21	10499	0.023	0.006	0.072	0.115	256.333720	-41.104608	-1232.45	2099.01
4	GUIDE	1032458288	9.12	10501	-0.101	0.061	0.082	0.133	255.516912	-42.294354	900.61	-2215.23
5	GUIDE	1032462424	8.02	10502	-0.110	-0.002	0.063	0.099	257.030418	-41.723974	1681.16	2254.78
6	GUIDE	1032466120	9.15	10497	0.013	-0.027	0.086	0.137	255.616572	-41.318828	-1770.53	79.82
7	GUIDE	1032459328	9.30	10495	0.171	-0.042	0.089	0.145	256.299221	-42.004804	1306.51	82.66

2.4 Star Slots

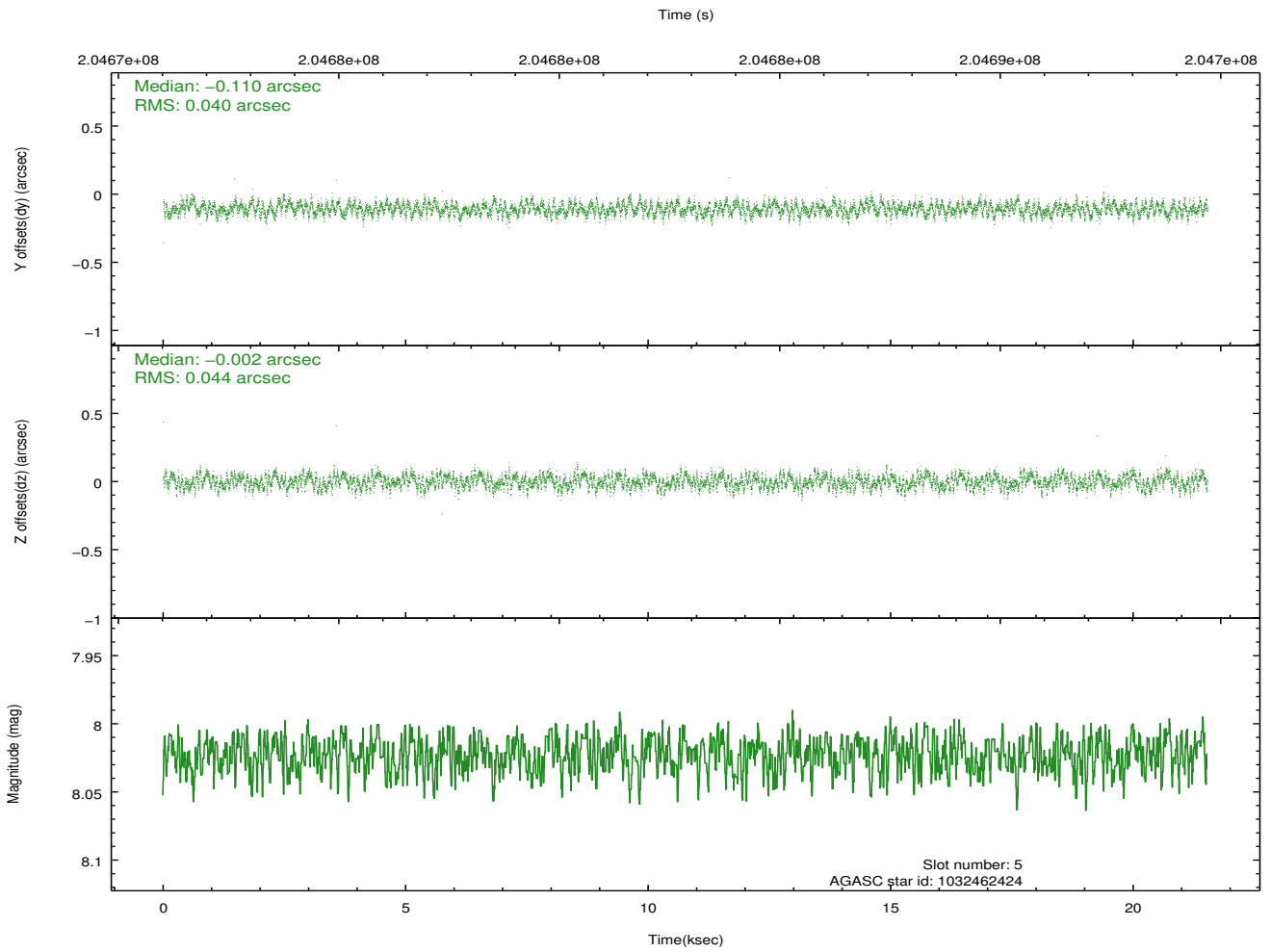
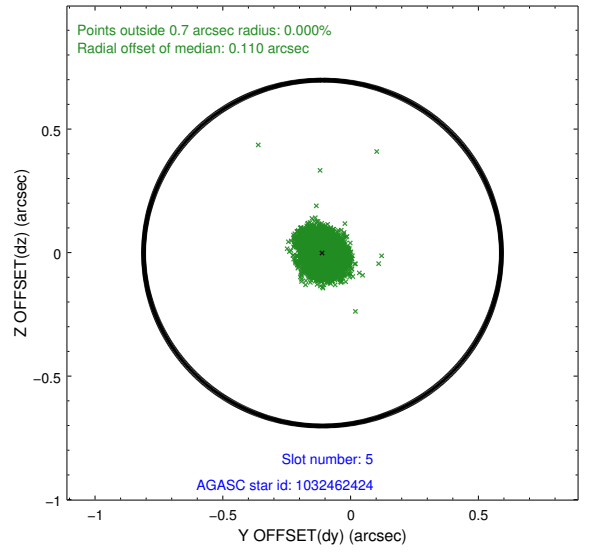
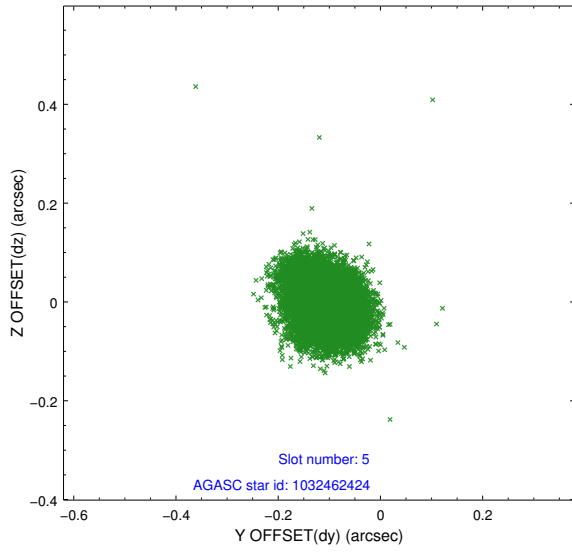
2.4.1 Slot 3



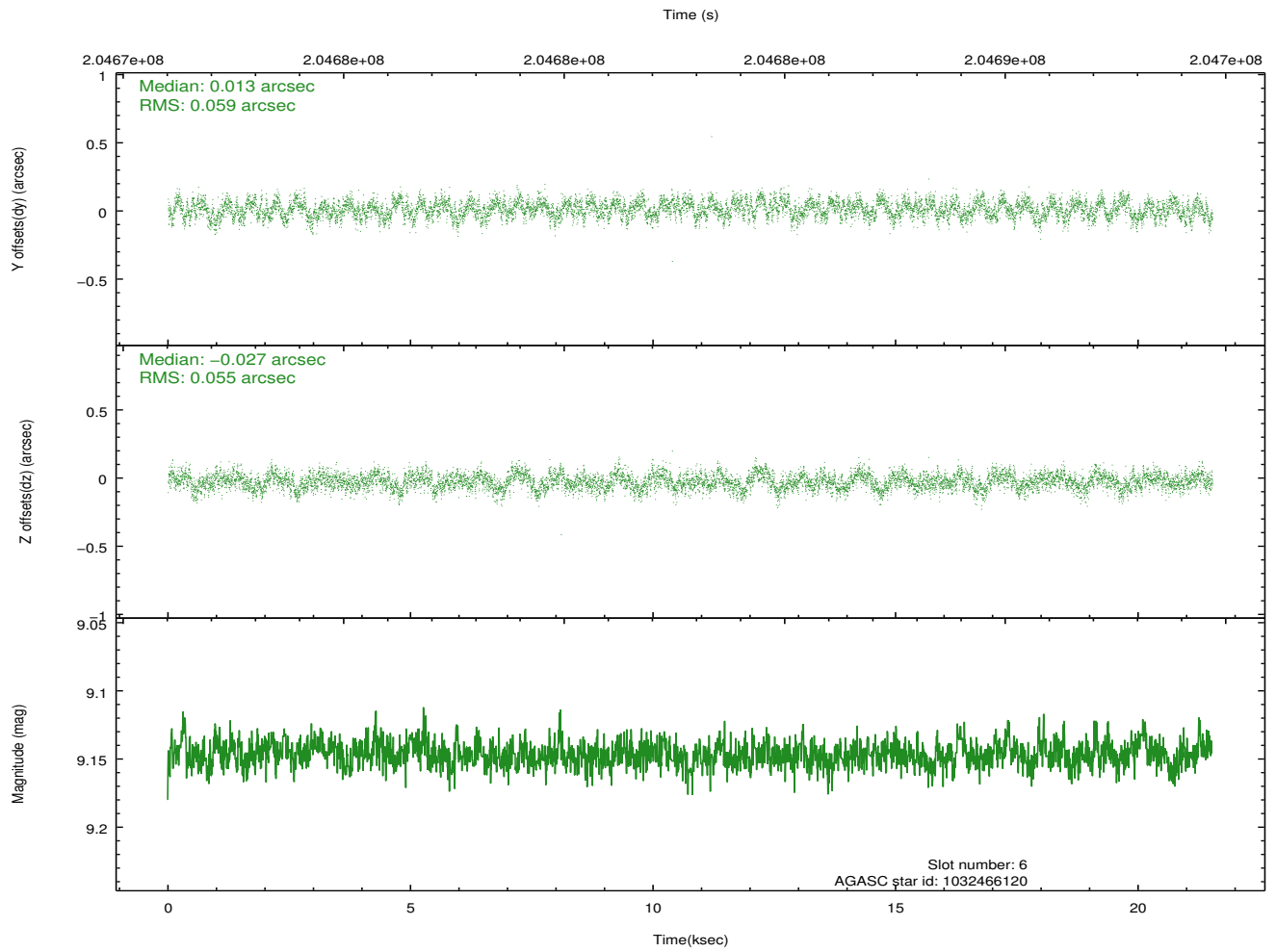
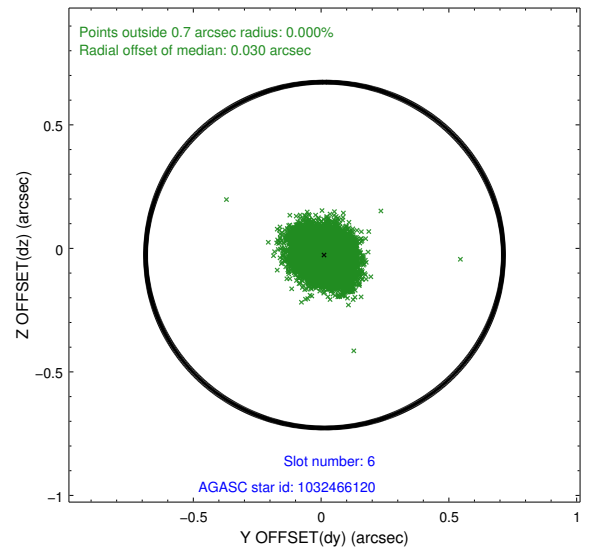
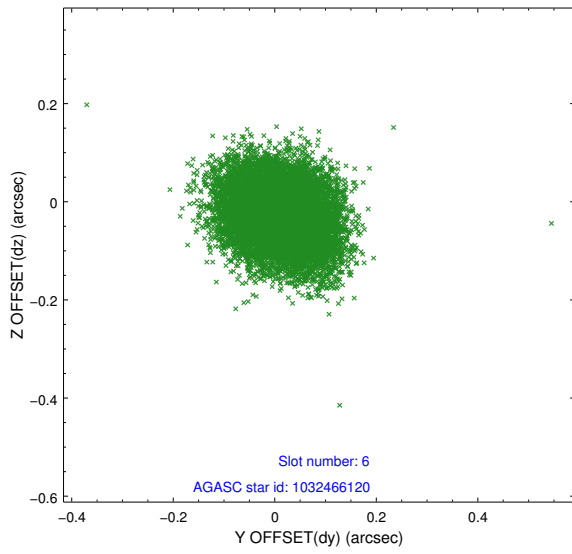
2.4.2 Slot 4



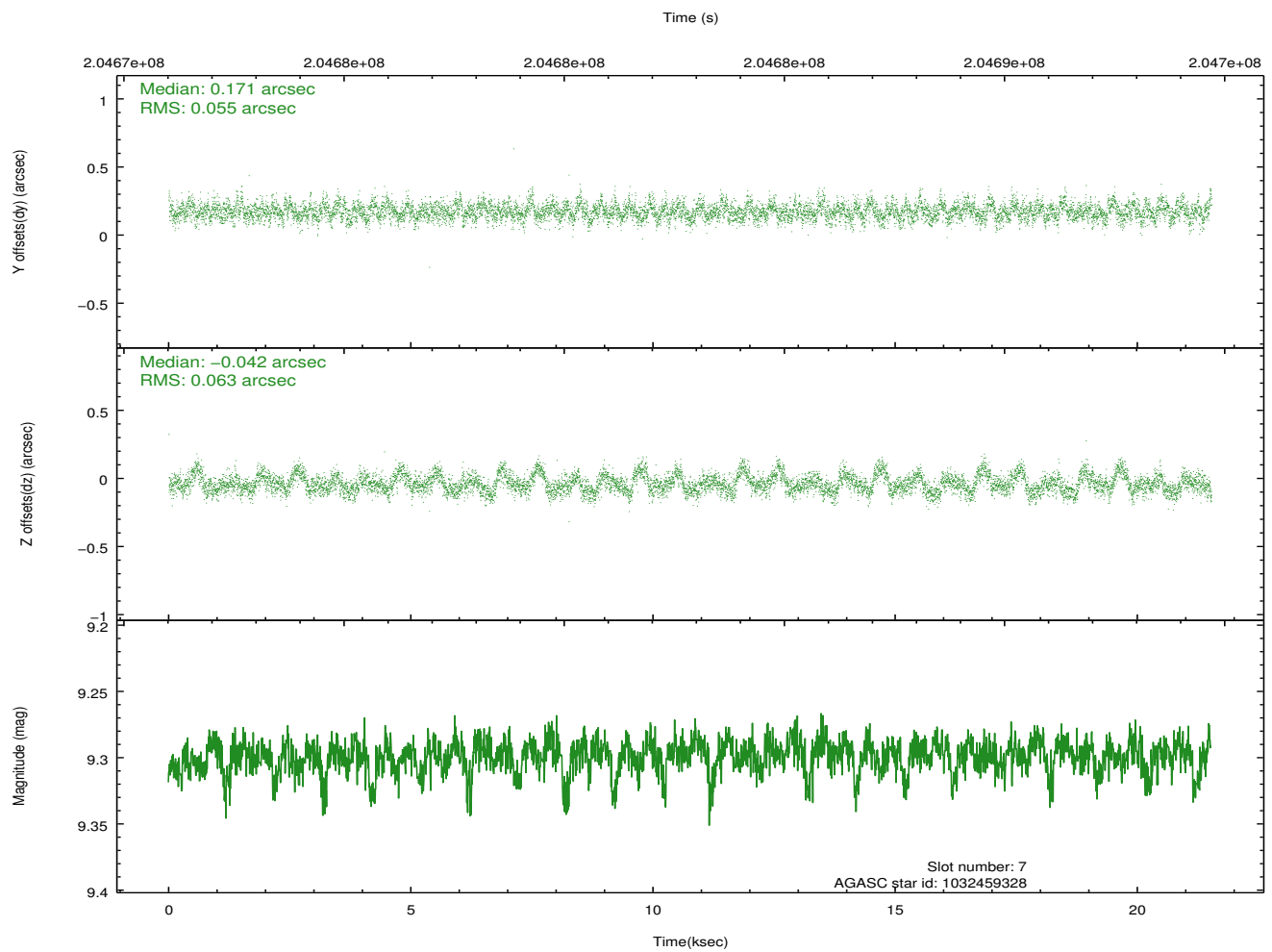
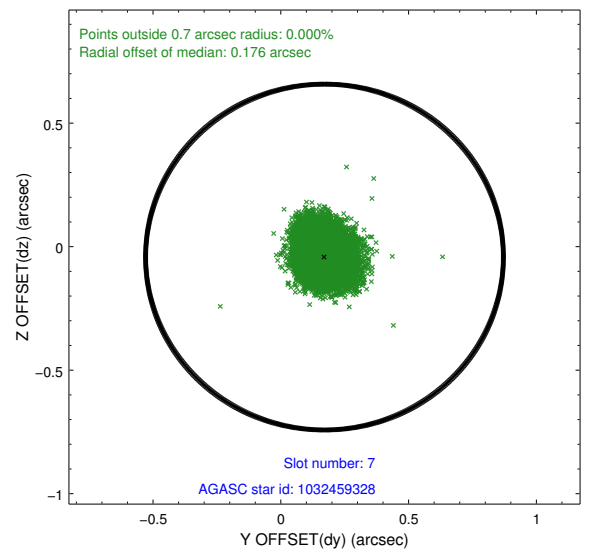
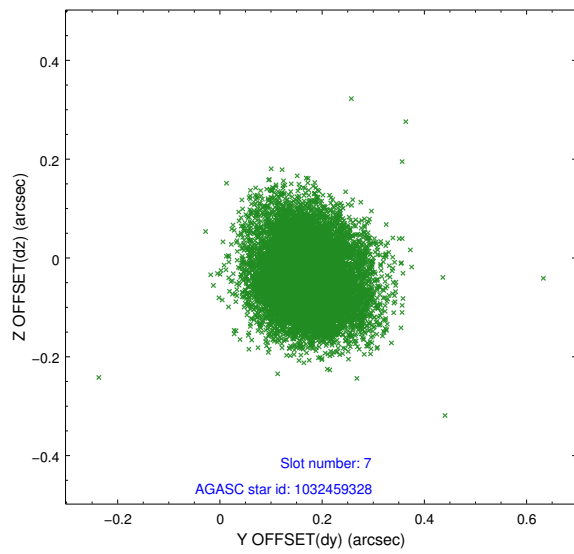
2.4.3 Slot 5



2.4.4 Slot 6

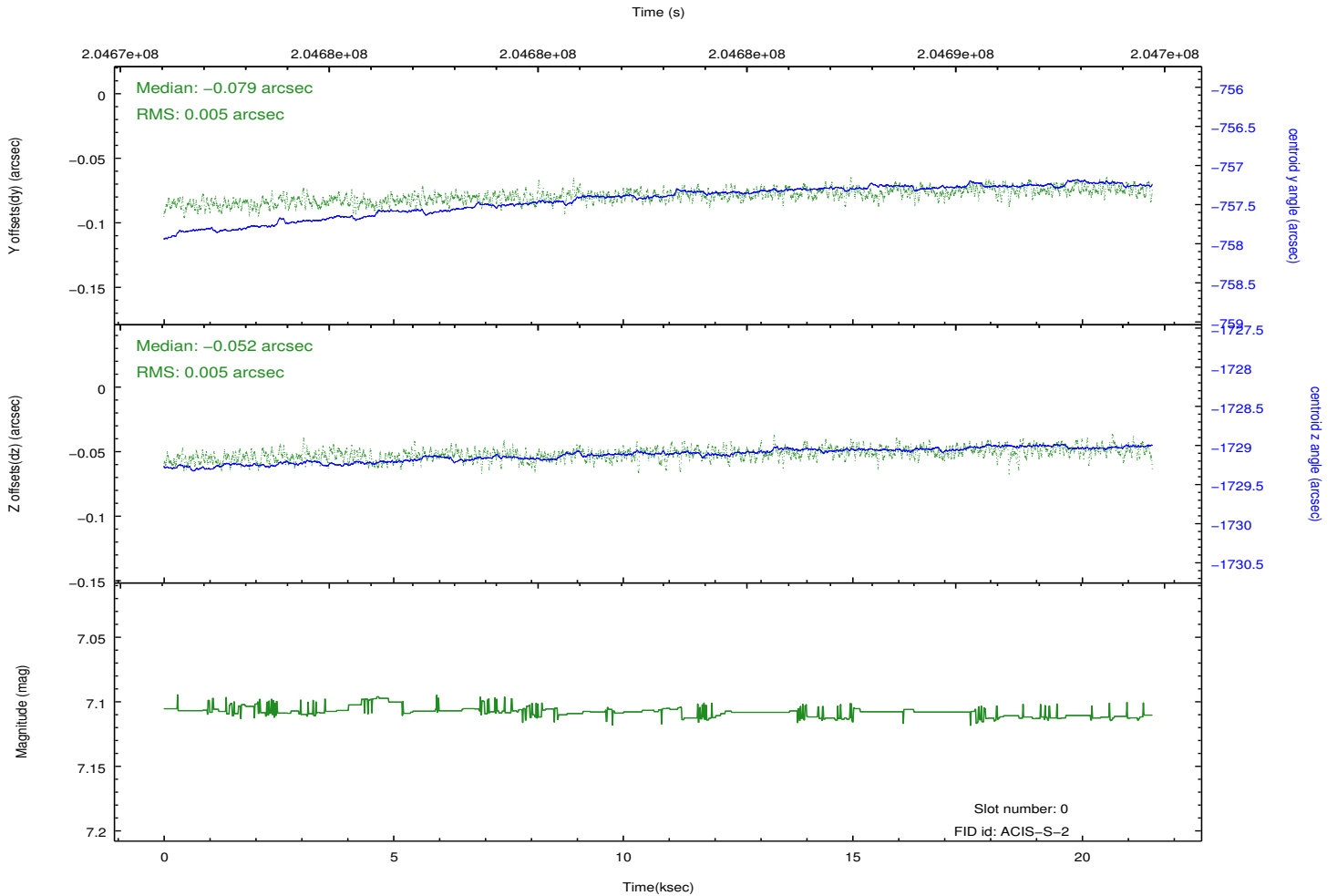
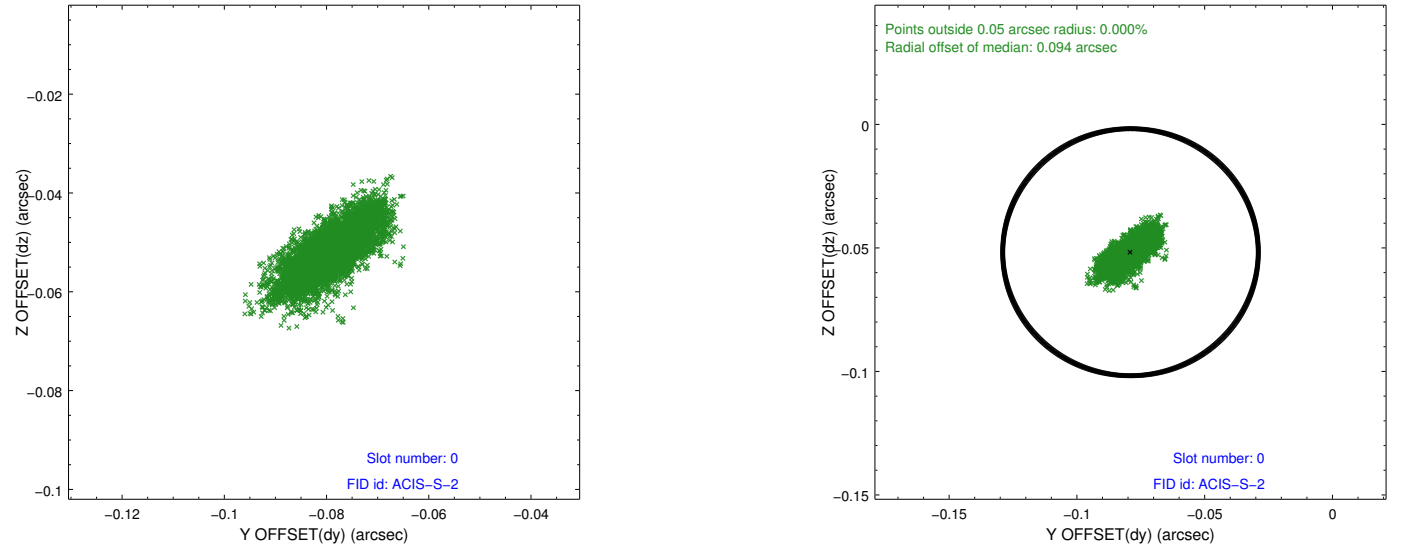


2.4.5 Slot 7

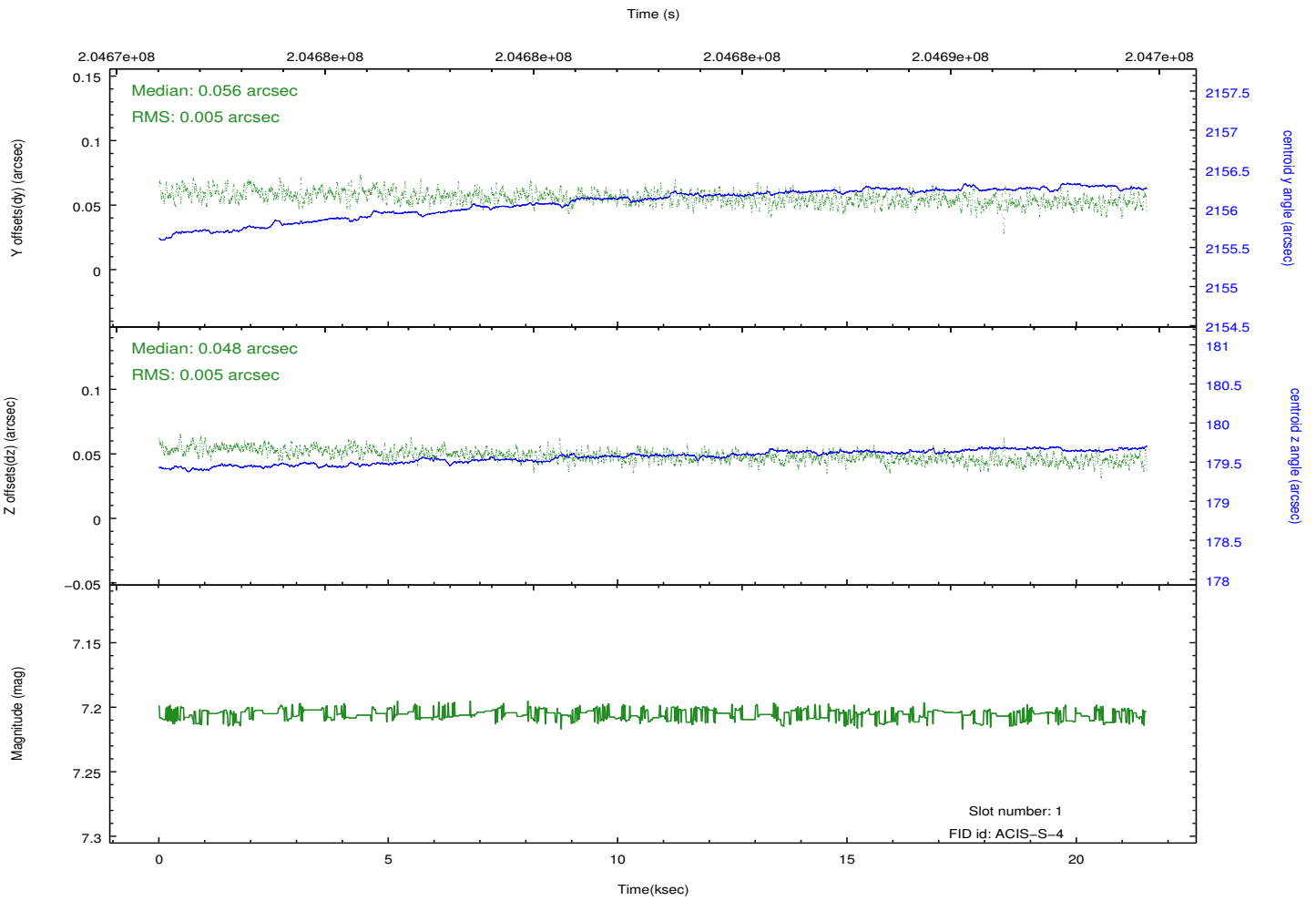
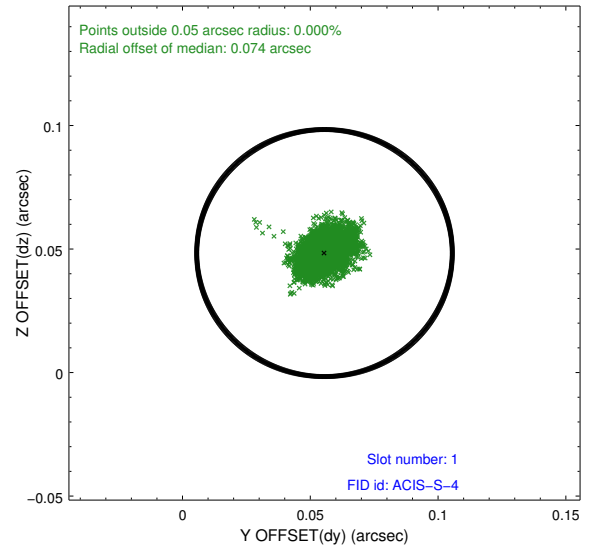
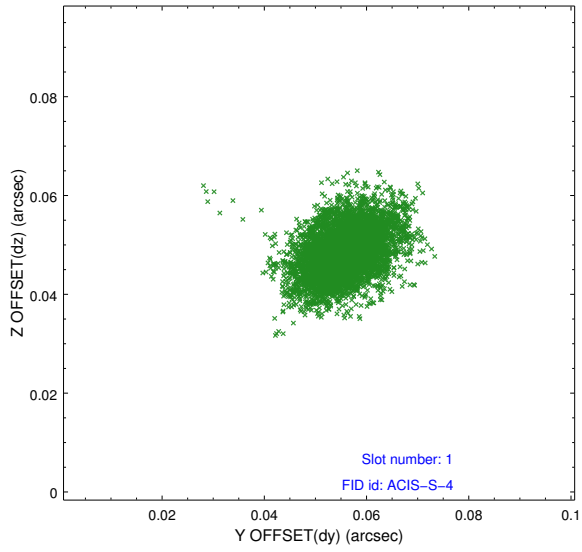


2.5 FID Slots

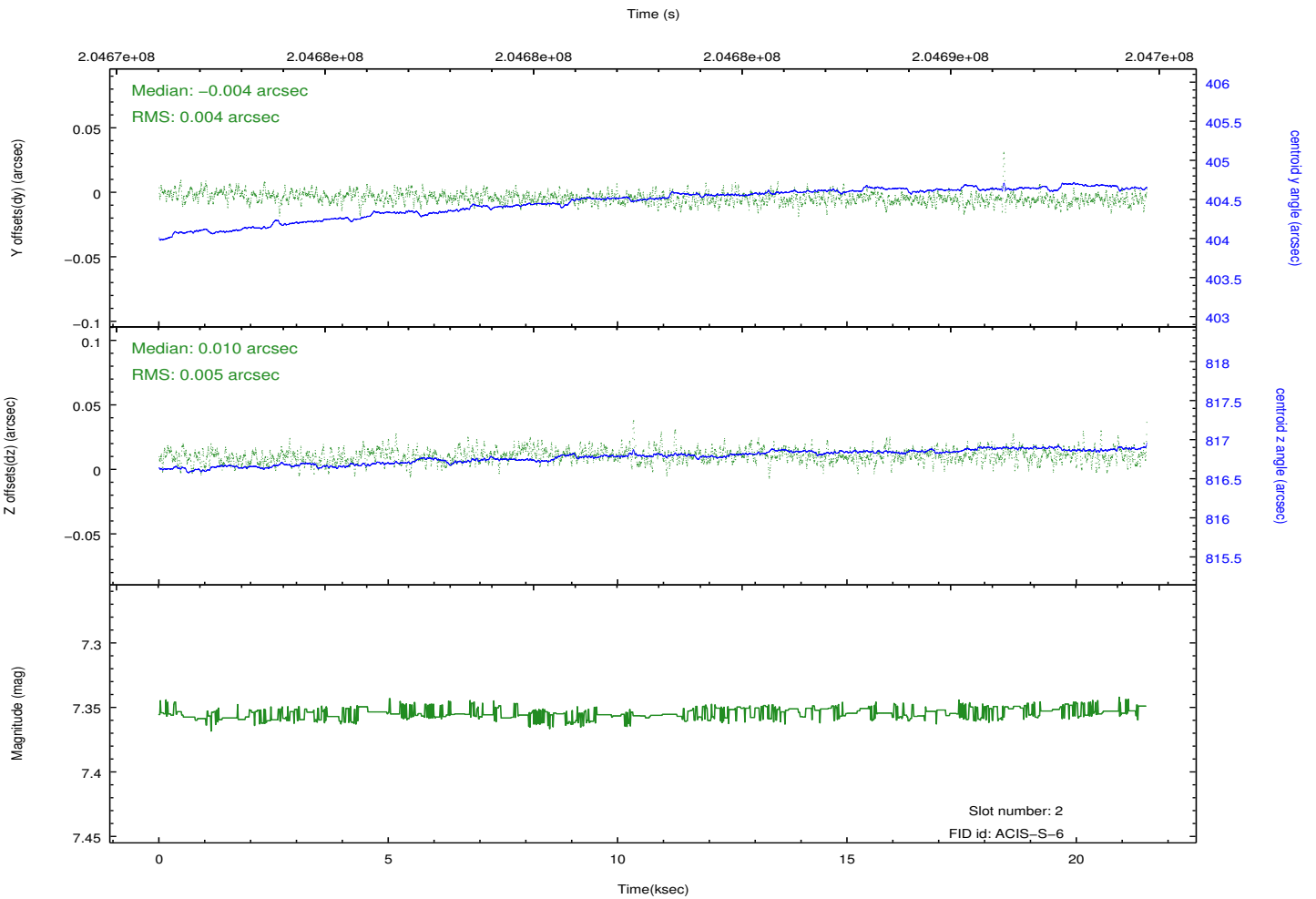
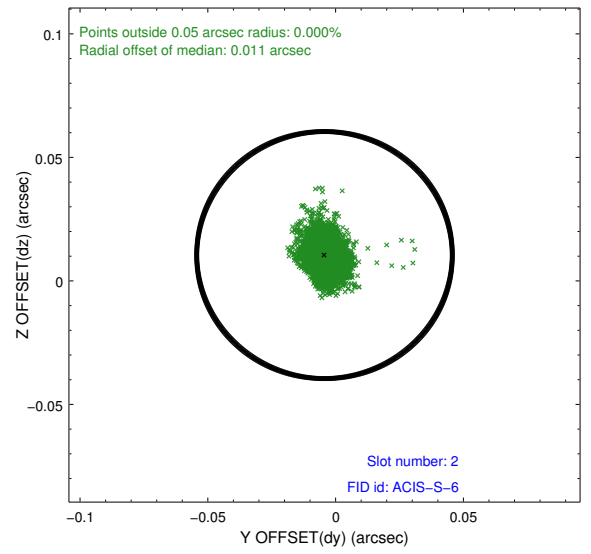
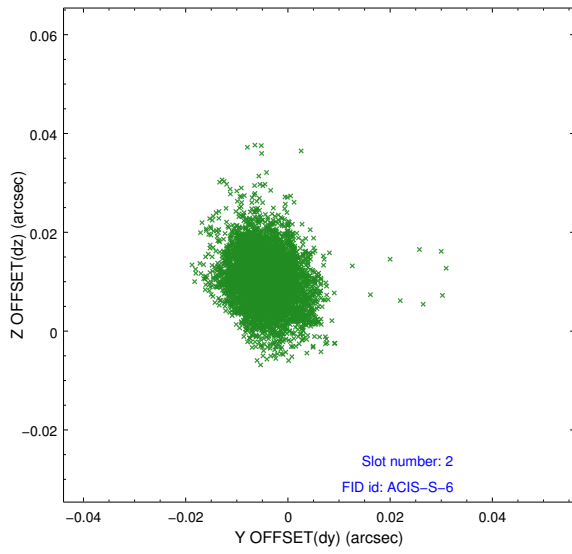
2.5.1 Slot 0



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)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.02

A.2 Comments