

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11703 - L2 Version 2
Chandra X-Ray Center

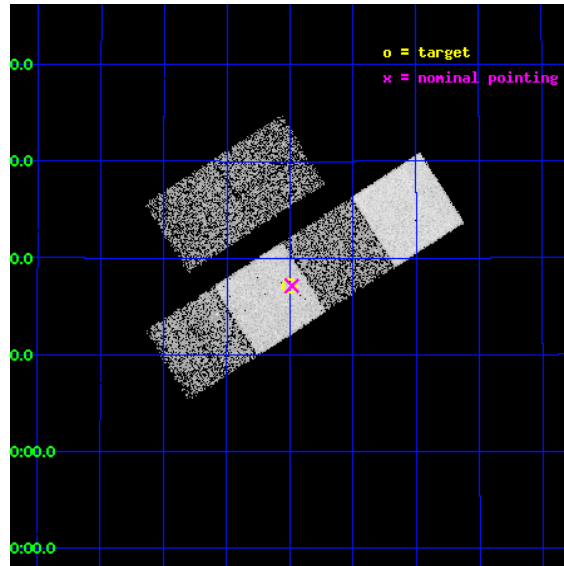
L2 Processing Date : Jun 25 2012

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

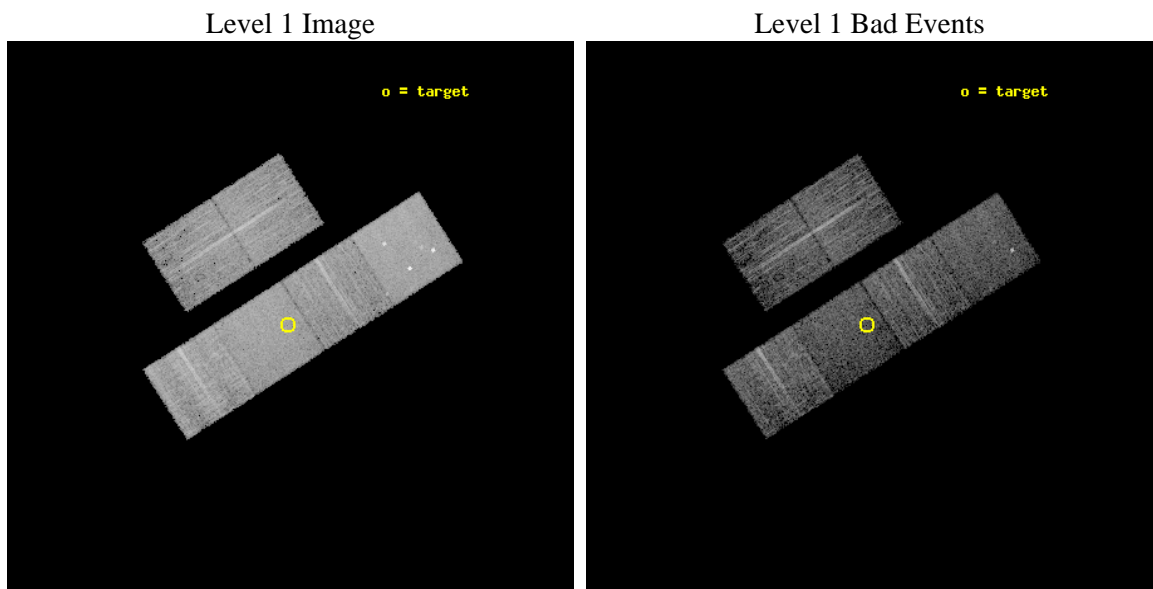
seq_num	702288	Sequence number
obs_id	11703	Observation id
title	After the Fall: Fading AGN in Post-starburst Galaxies	Proposal tit
observer	Dr. Christy Tremonti	Principal investigator
object	SDSS J171300.39+281708.2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	258.251667	Observer's specified target RA [deg]
dec_targ	28.285611	Observer's specified target Dec [deg]
ra_nom	258.2461313939	Nominal RA [deg]
dec_nom	28.285695847672	Nominal Dec [deg]
roll_nom	147.39987365915	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5907.1999780536	Sum of GTIs [s]
livetime	5832.3994550427	Livetime [s]
ontime2	5907.1999780536	Sum of GTIs [s]
ontime3	5907.1999780536	Sum of GTIs [s]
ontime5	5907.1999780536	Sum of GTIs [s]
ontime6	5907.1999780536	Sum of GTIs [s]
ontime7	5907.1999780536	Sum of GTIs [s]
ontime8	5907.1999780536	Sum of GTIs [s]
l2events	71783	Number of level 2 events



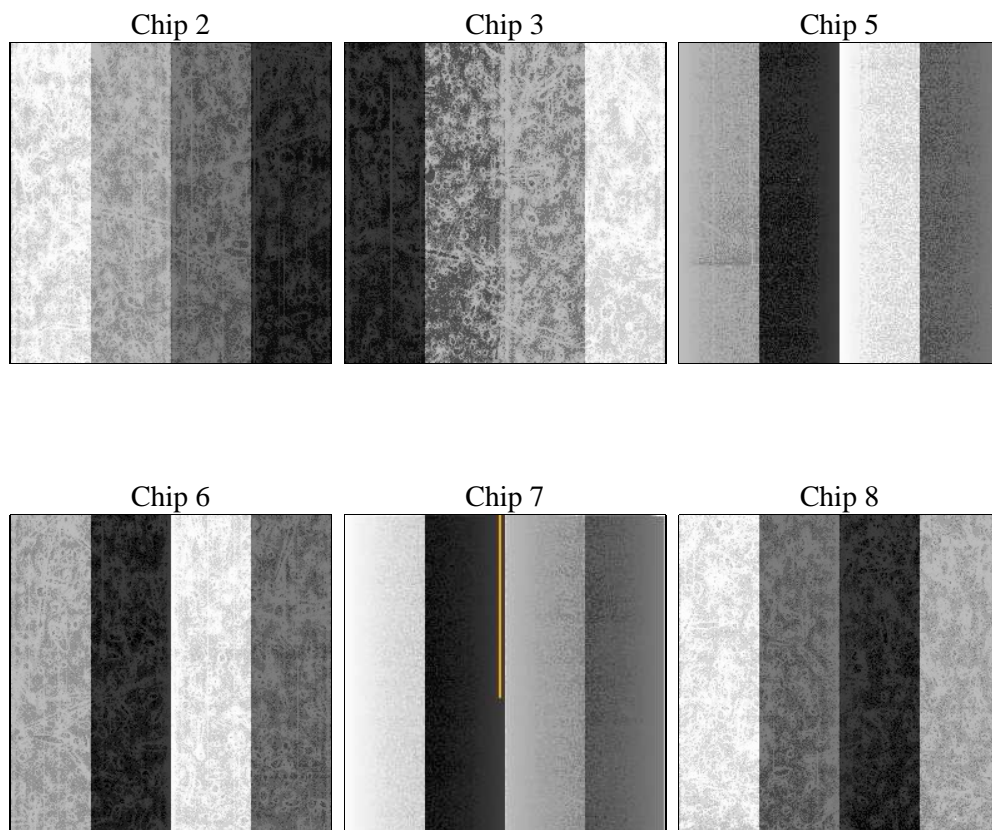
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5760.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5907.1999780536	Sum of GTIs [s]
caldsver	4.4.10	 	ontime2	5907.1999780536	Sum of GTIs [s]
date	2012-06-25T23:42:33	Date and time of file creation	ontime3	5907.1999780536	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	5907.1999780536	Sum of GTIs [s]
			ontime6	5907.1999780536	Sum of GTIs [s]
			ontime7	5907.1999780536	Sum of GTIs [s]
			ontime8	5907.1999780536	Sum of GTIs [s]
			l1events	327870	Number of level 1 events

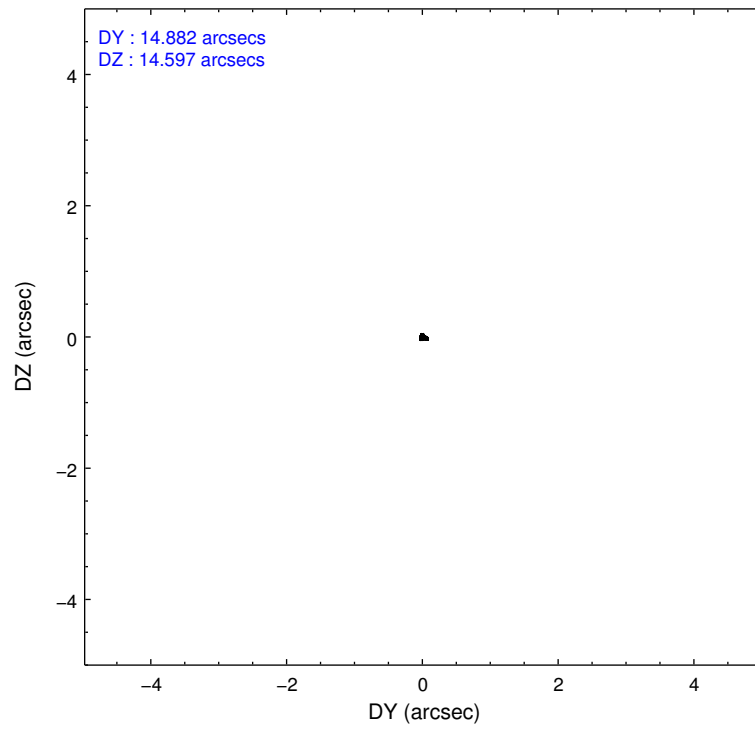
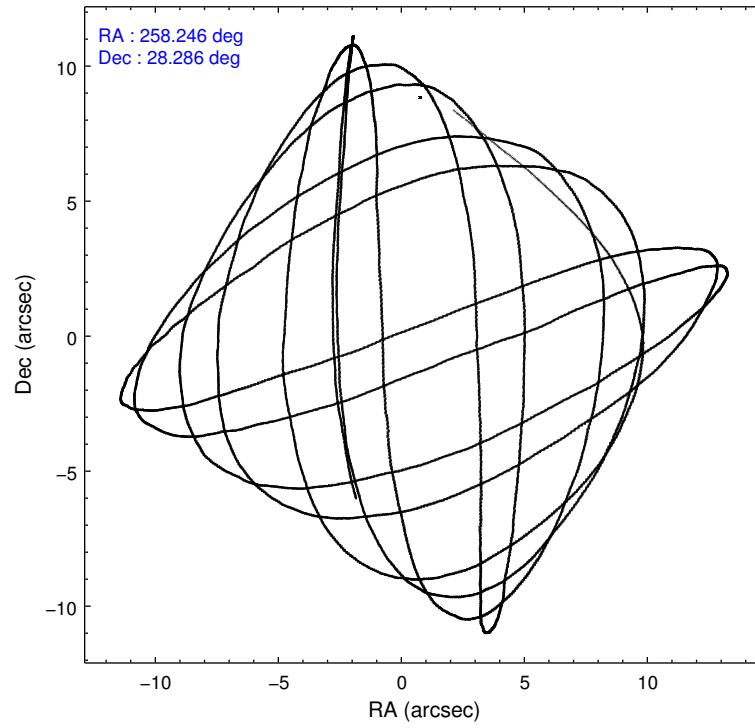
2.1.4 Events

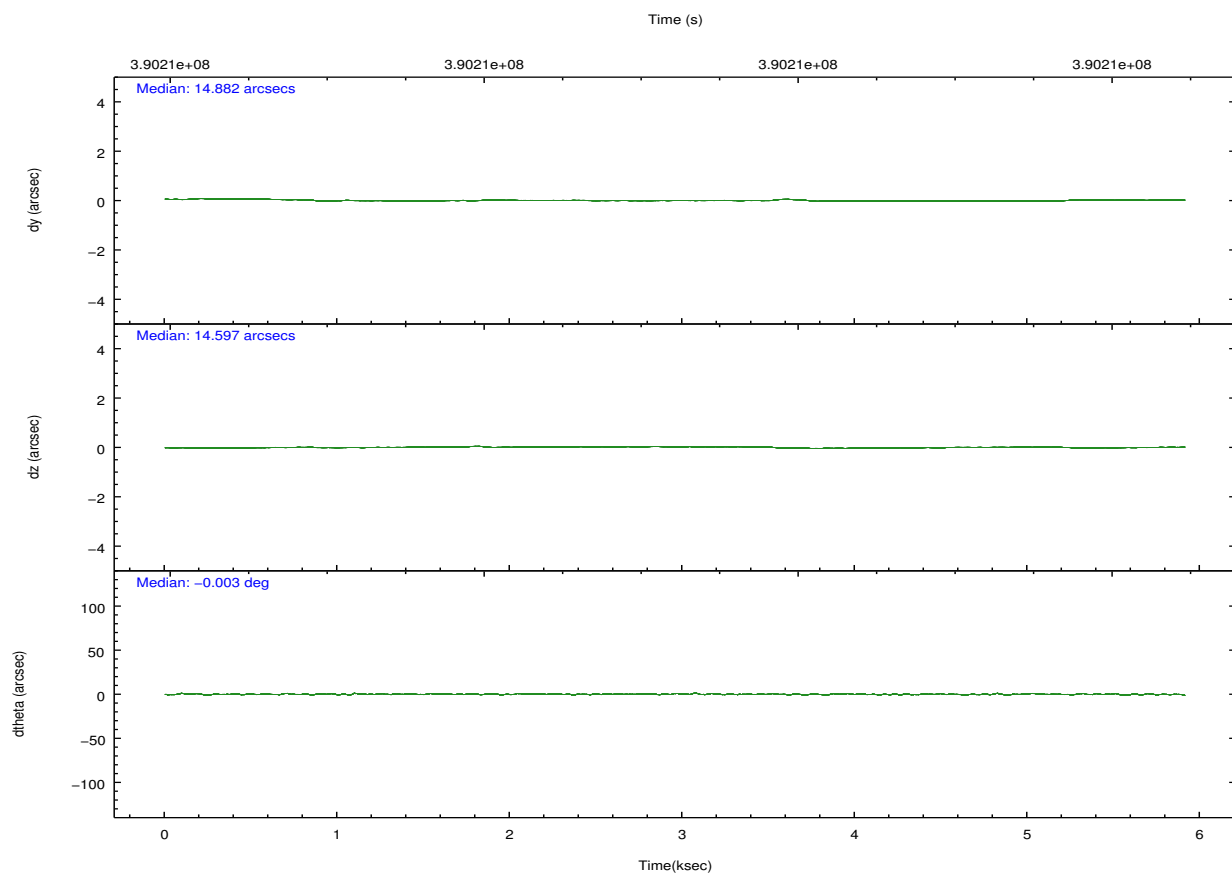
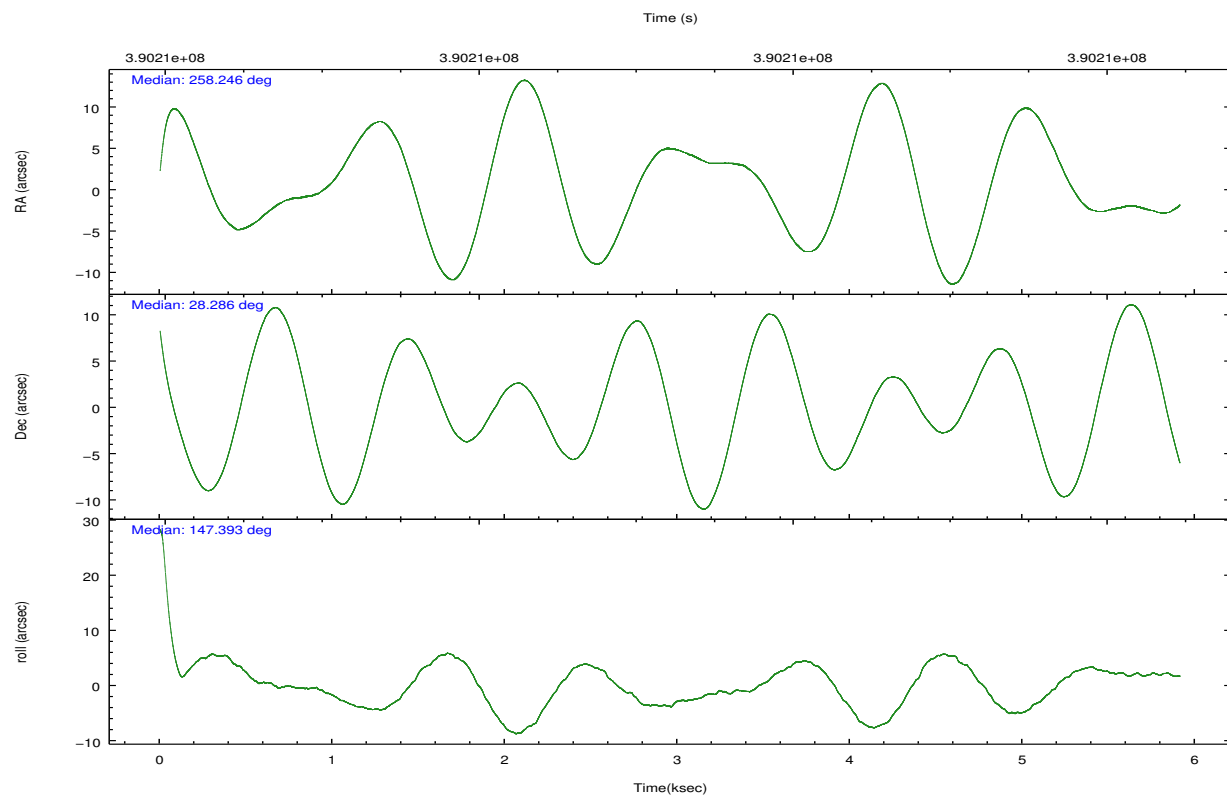
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	49259	43721	71363	47020	55726	60781	grade 0 events	1678	1610	5121	1836	2277	4576
rejected events	44496	39311	36257	41941	31293	45689		3%	3%	7%	3%	4%	7%
rejected %	90%	89%	50%	89%	56%	75%	grade 1 events	38	25	135	29	70	49
								0%	0%	0%	0%	0%	0%
							grade 2 events	1215	1021	10637	1136	5130	3561
								2%	2%	14%	2%	9%	5%
							grade 3 events	497	530	1283	513	2212	1747
								1%	1%	1%	1%	3%	2%
							grade 4 events	526	496	1329	585	2188	1556
								1%	1%	1%	1%	3%	2%
							grade 5 events	1743	1967	5259	2076	5775	3024
								3%	4%	7%	4%	10%	4%
							grade 6 events	988	907	17870	1172	13444	4126
								2%	2%	25%	2%	24%	6%
							grade 7 events	42574	37165	29729	39673	24630	42142
								86%	85%	41%	84%	44%	69%

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	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	258.277195	258.2461313938975	CCD I2 on	O1	Y
[deg] Pointing Dec	28.284814	28.285695847672	CCD I3 on	O2	Y
[deg] Pointing Roll	147.228477	147.3998736591467	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O4	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O5	Y
[mm] SIM translation stage pos	-190.132523	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	O3	Y
[s] Observation start time (MET)	390208413.184000	390207258.25844	CCD S5 on	N	N
Observation start date	2010-05-14T07:12:27	2010-05-14T06:54:18	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	390214173.184000	390215099.50884	On-chip summing requested	N	N
Observation end date	2010-05-14T08:48:27	2010-05-14T09:04:59	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



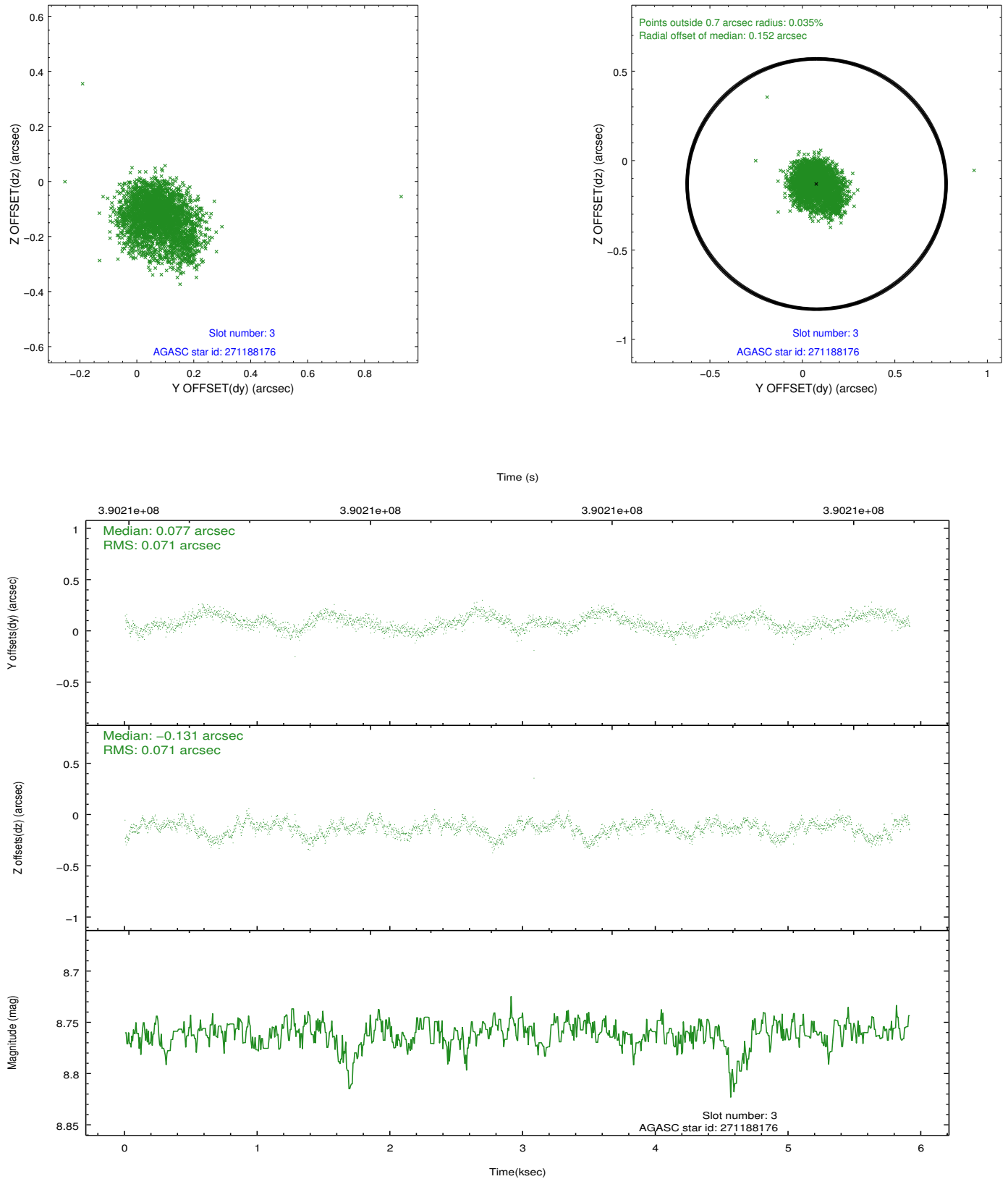


Slot Statistics

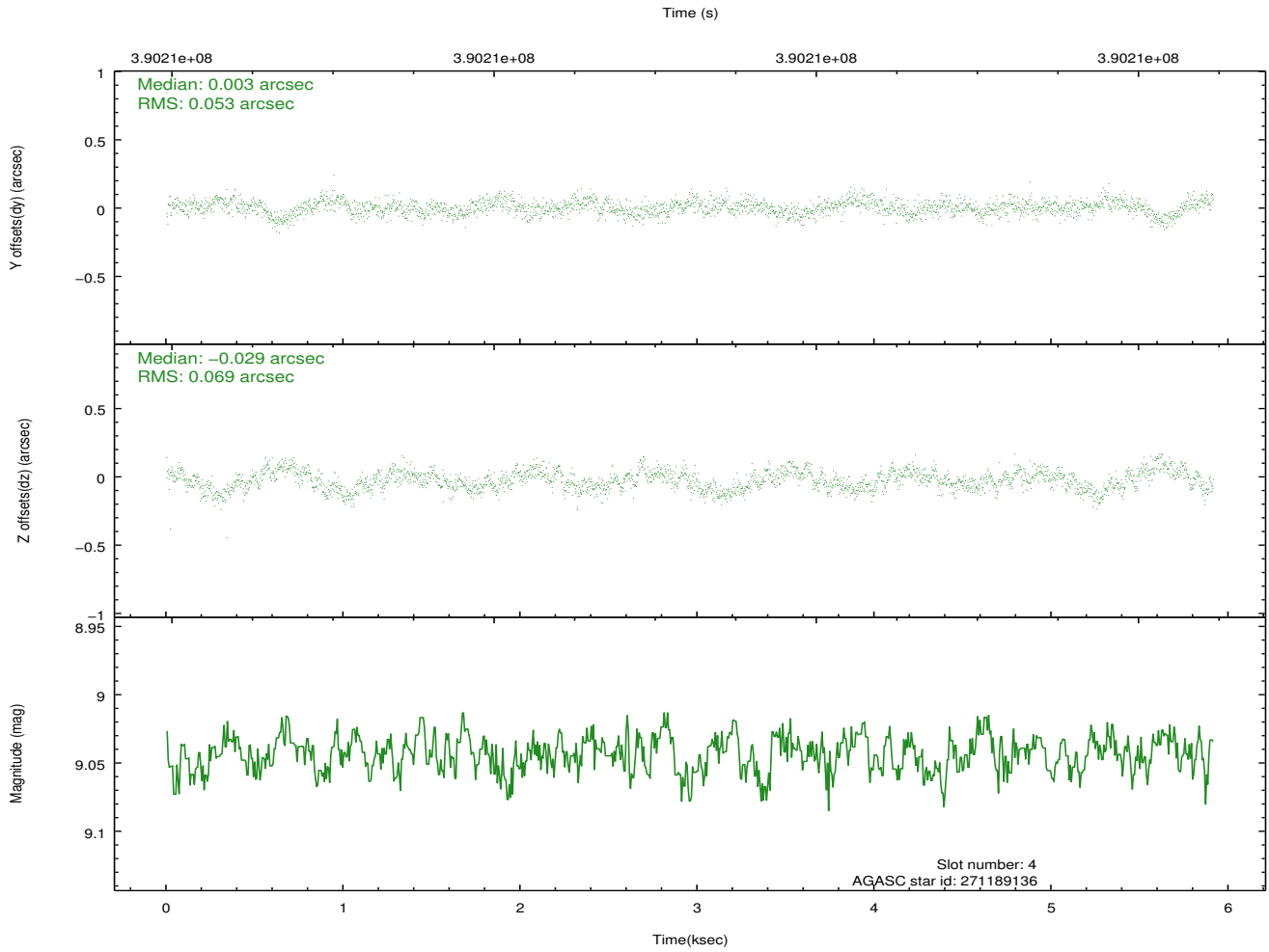
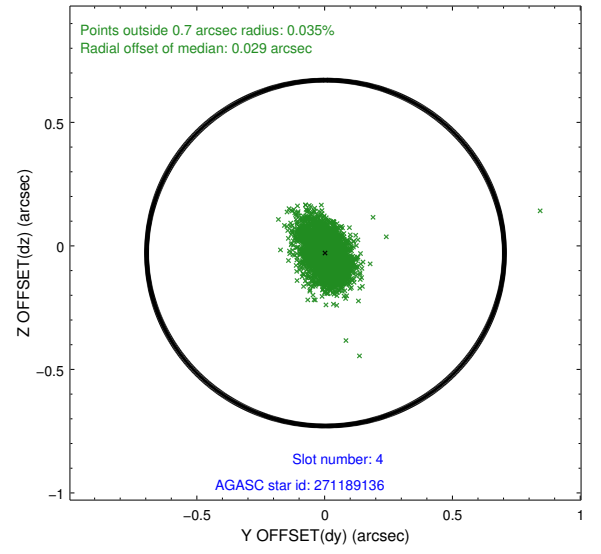
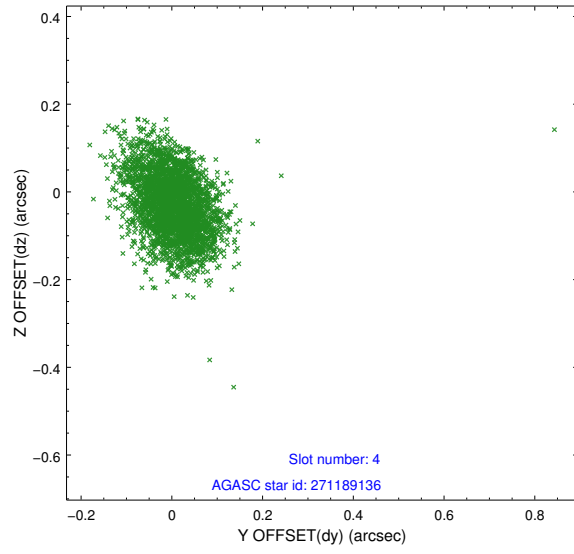
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.93	1442	-0.123	-0.078	0.006	0.010	0.000000	0.000000	-768.00	-1735.98
1	FID	ACIS-S-4	7.02	1442	0.122	0.071	0.006	0.009	0.000000	0.000000	2145.08	171.57
2	FID	ACIS-S-6	7.16	1442	-0.027	0.015	0.006	0.010	0.000000	0.000000	395.40	810.08
3	GUIDE	271188176	8.76	2883	0.077	-0.131	0.108	0.168	258.674055	27.975010	-1663.06	253.45
4	GUIDE	271189136	9.04	2882	0.003	-0.029	0.091	0.148	258.110182	27.999889	-109.18	1149.92
5	GUIDE	271720008	9.18	2885	0.050	0.103	0.095	0.152	259.131780	28.407191	-2031.50	-1842.69
6	GUIDE	271720064	9.10	2884	-0.047	-0.013	0.108	0.169	258.339634	28.741938	724.50	-1490.12
7	GUIDE	271721768	8.90	2881	-0.085	0.079	0.073	0.117	258.191456	28.597904	838.47	-801.11

2.4 Star Slots

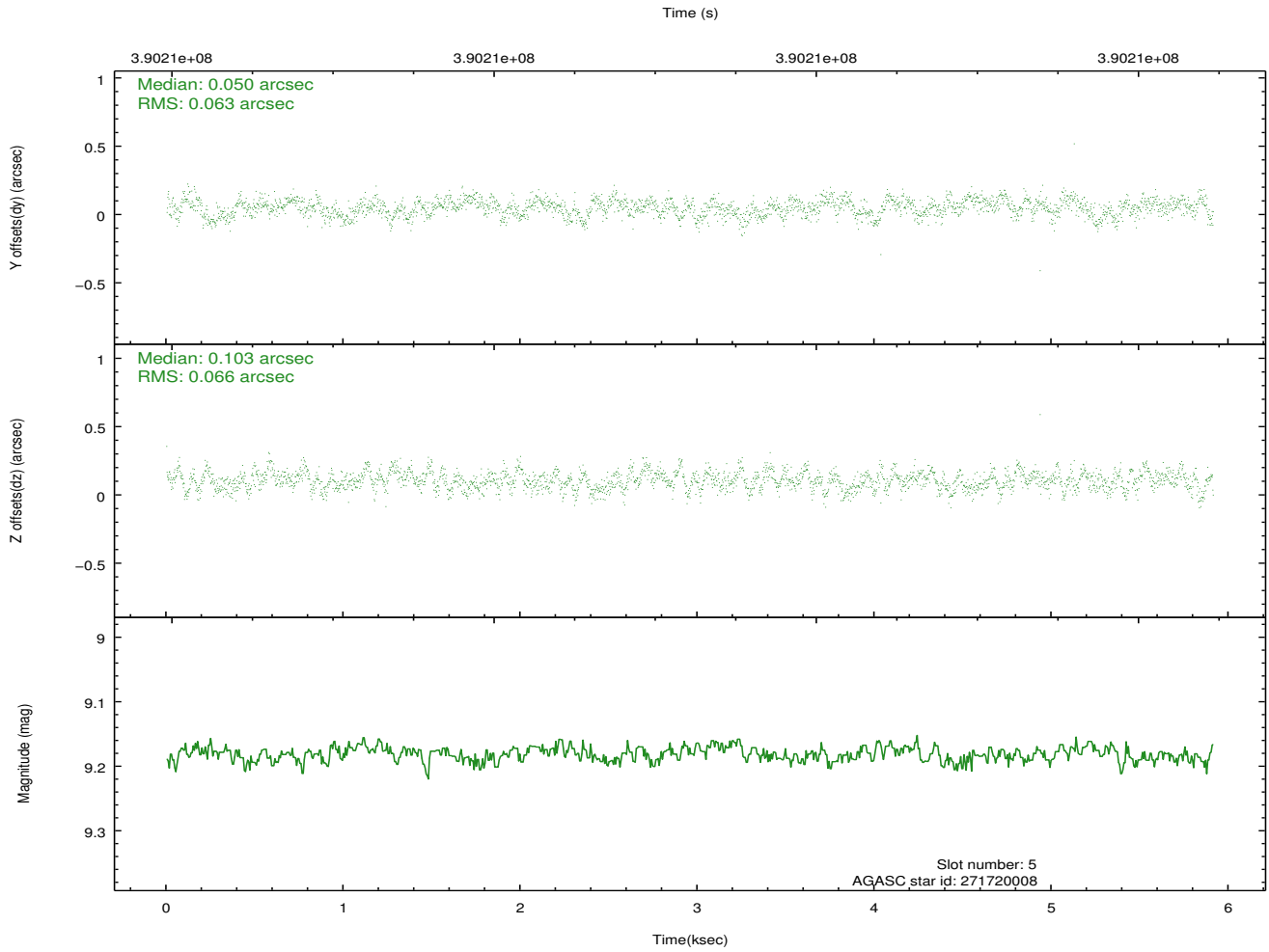
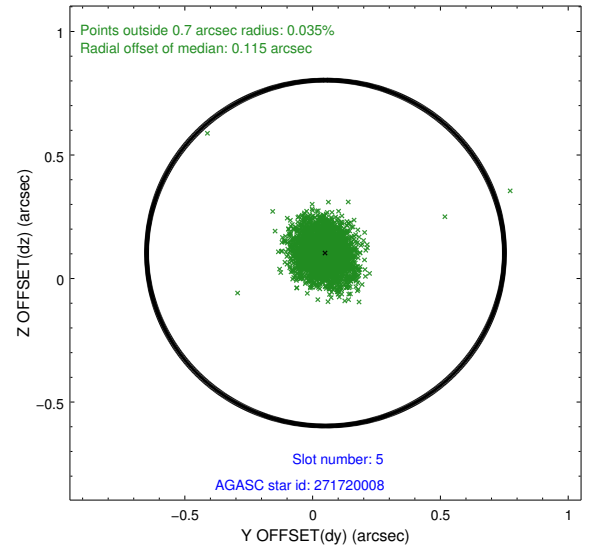
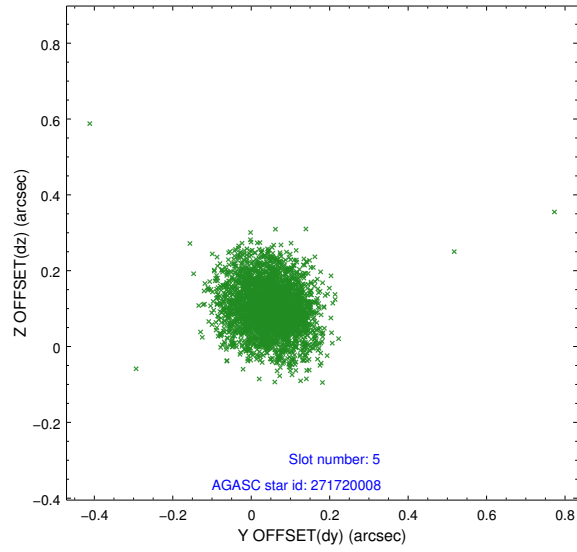
2.4.1 Slot 3



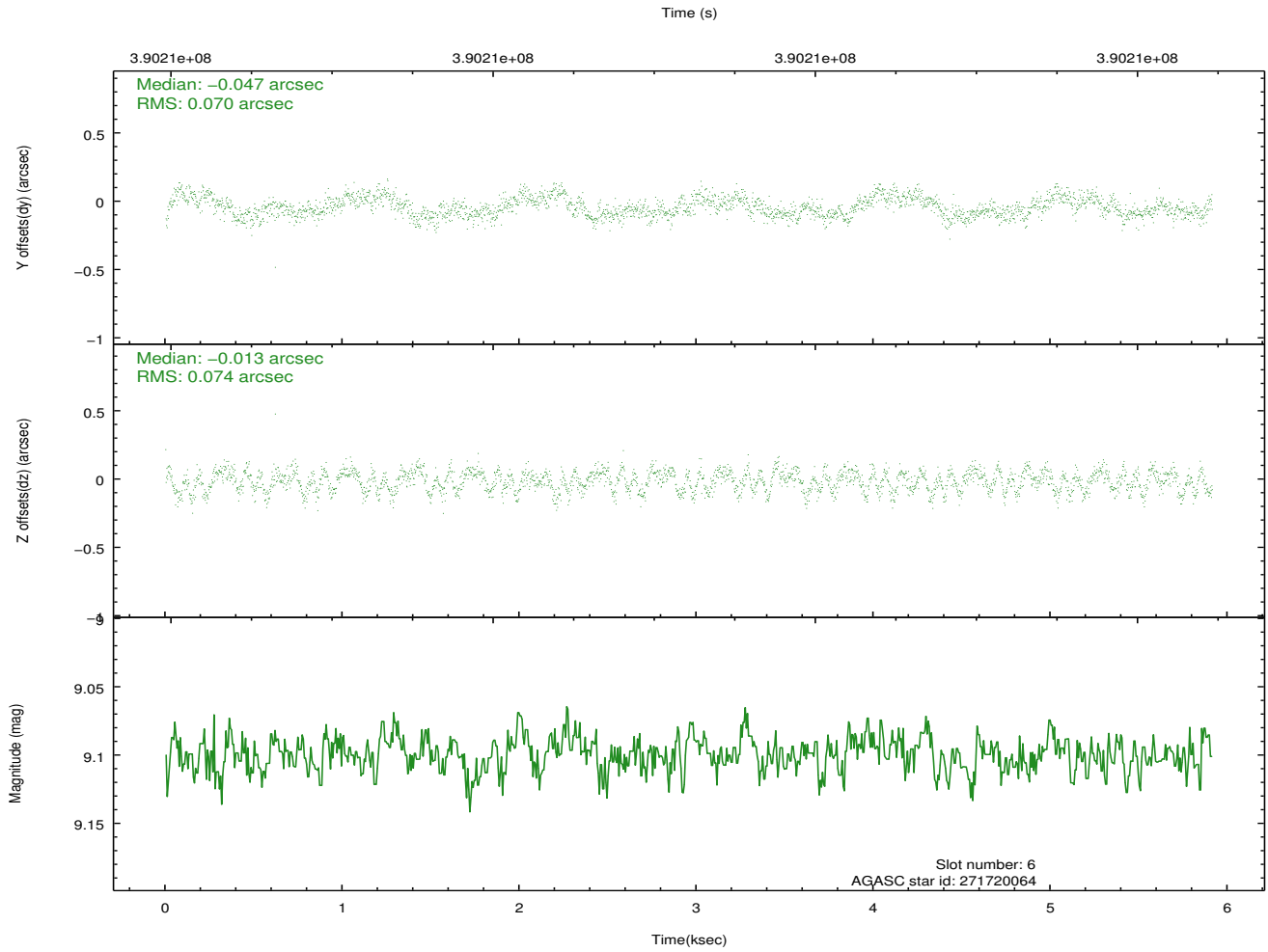
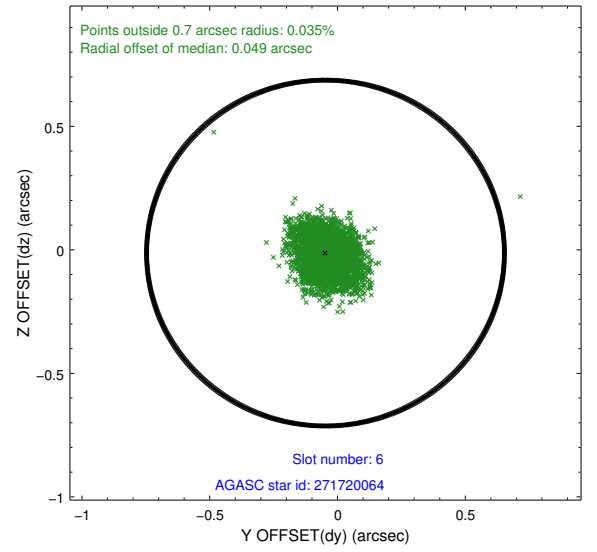
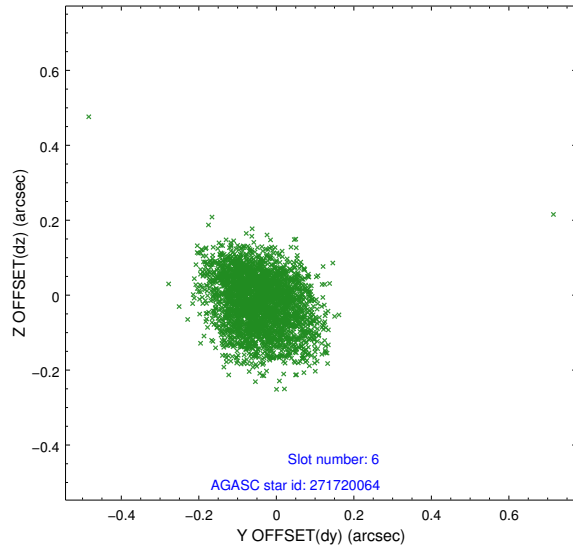
2.4.2 Slot 4



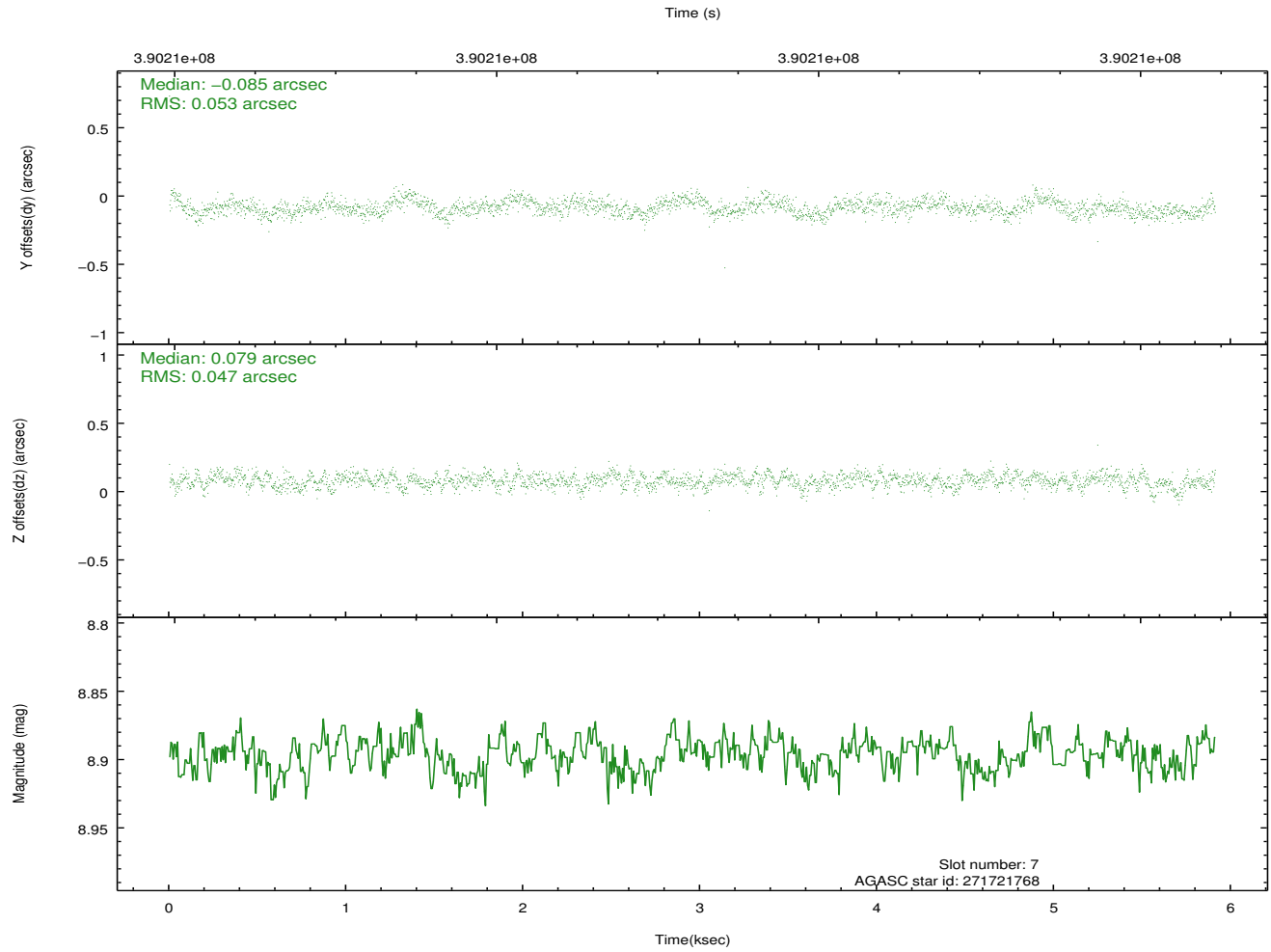
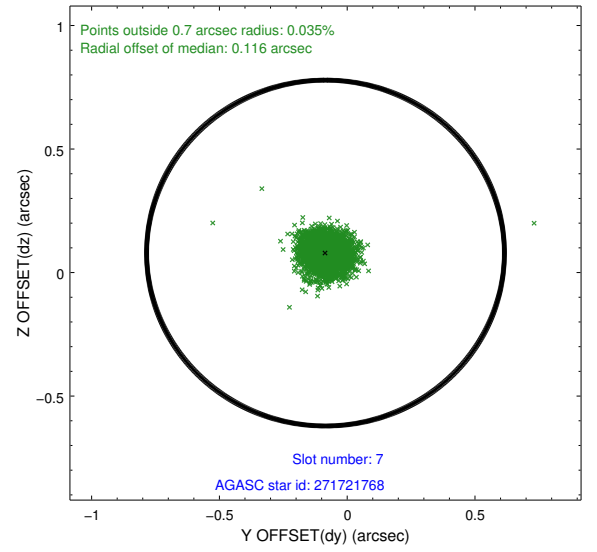
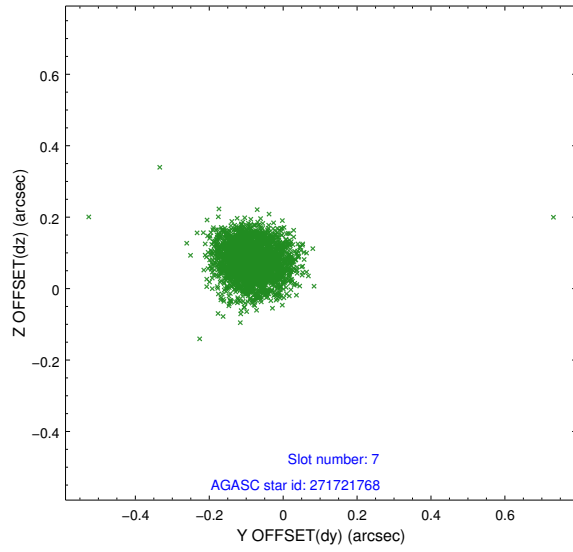
2.4.3 Slot 5



2.4.4 Slot 6

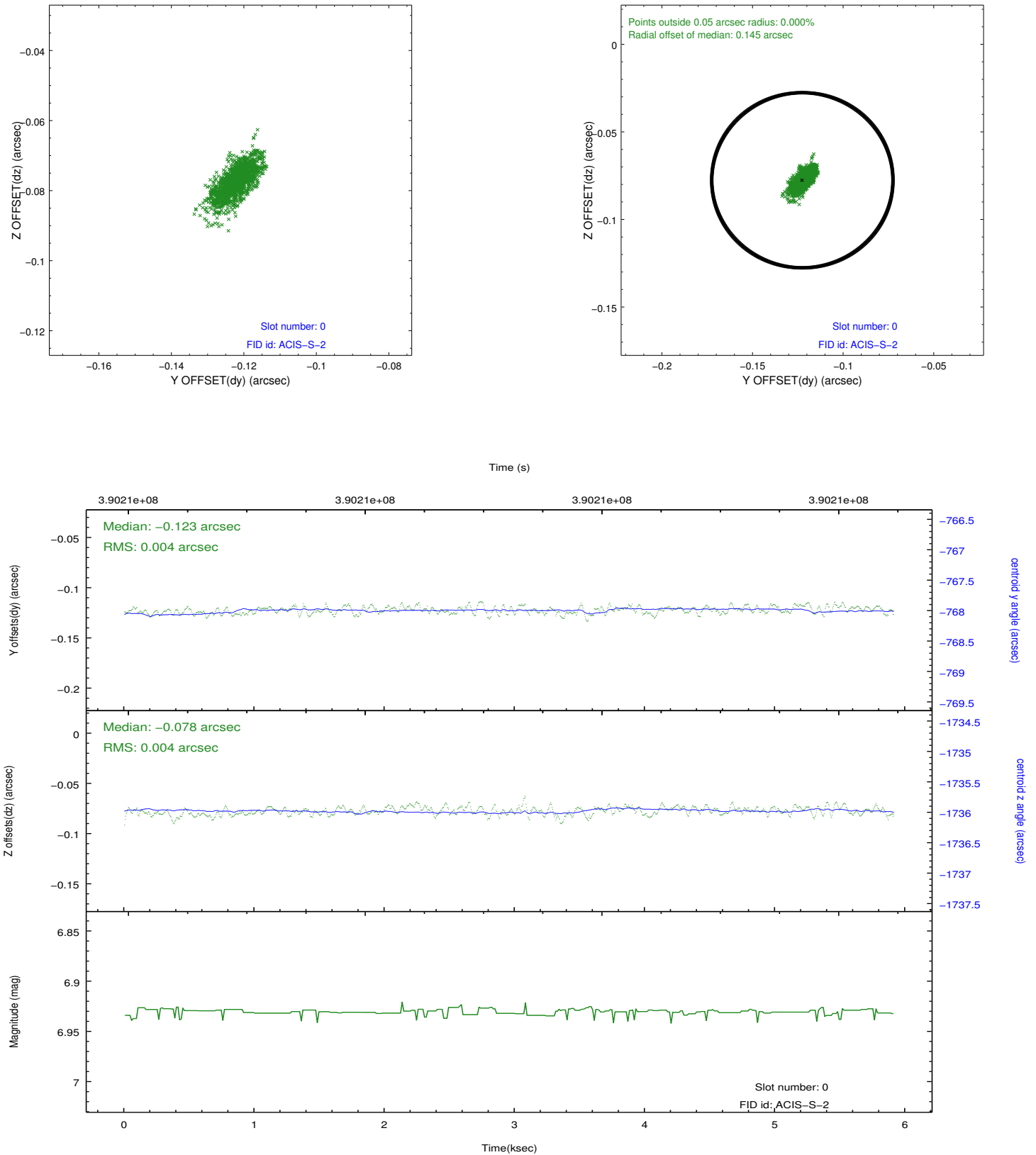


2.4.5 Slot 7

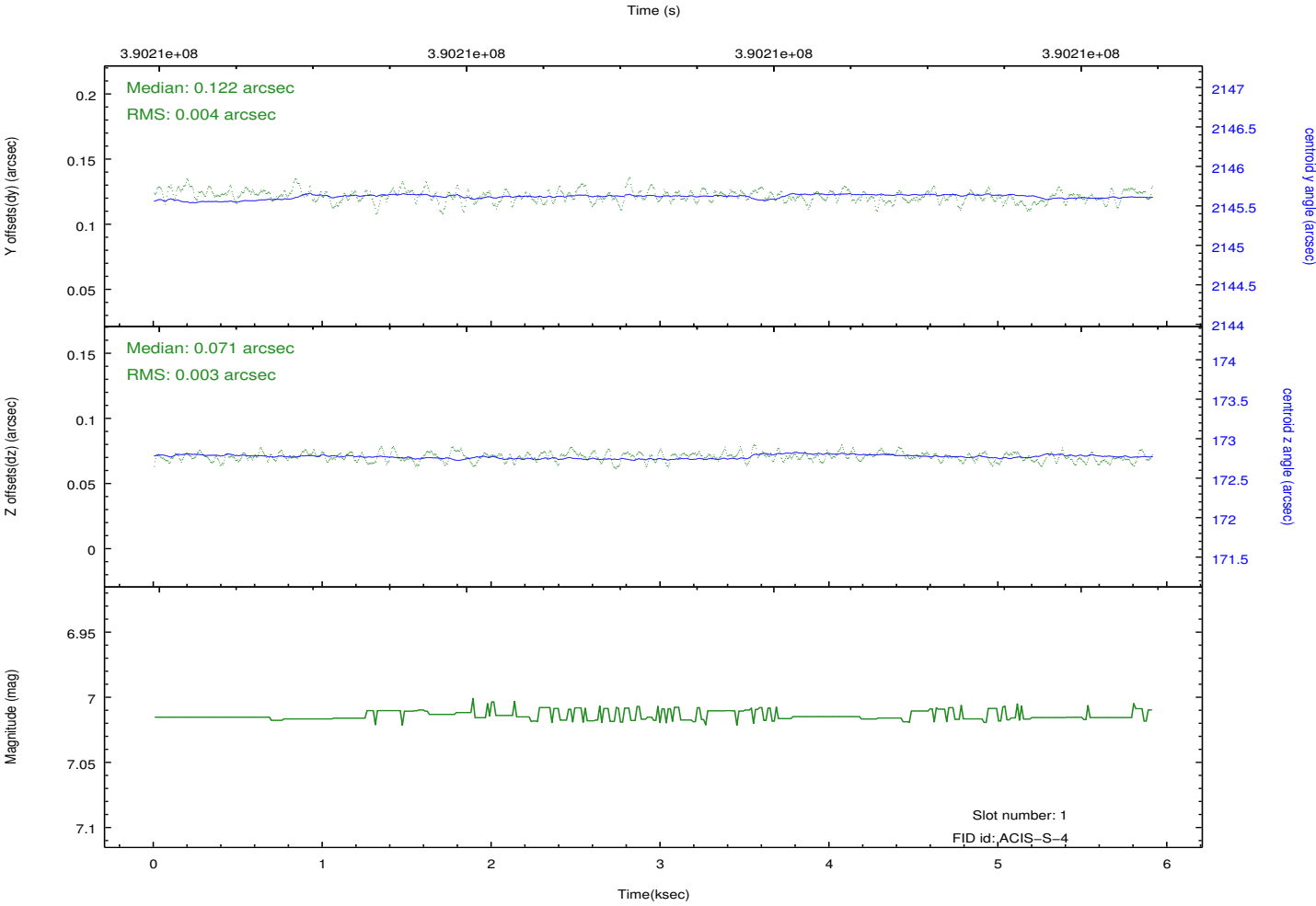
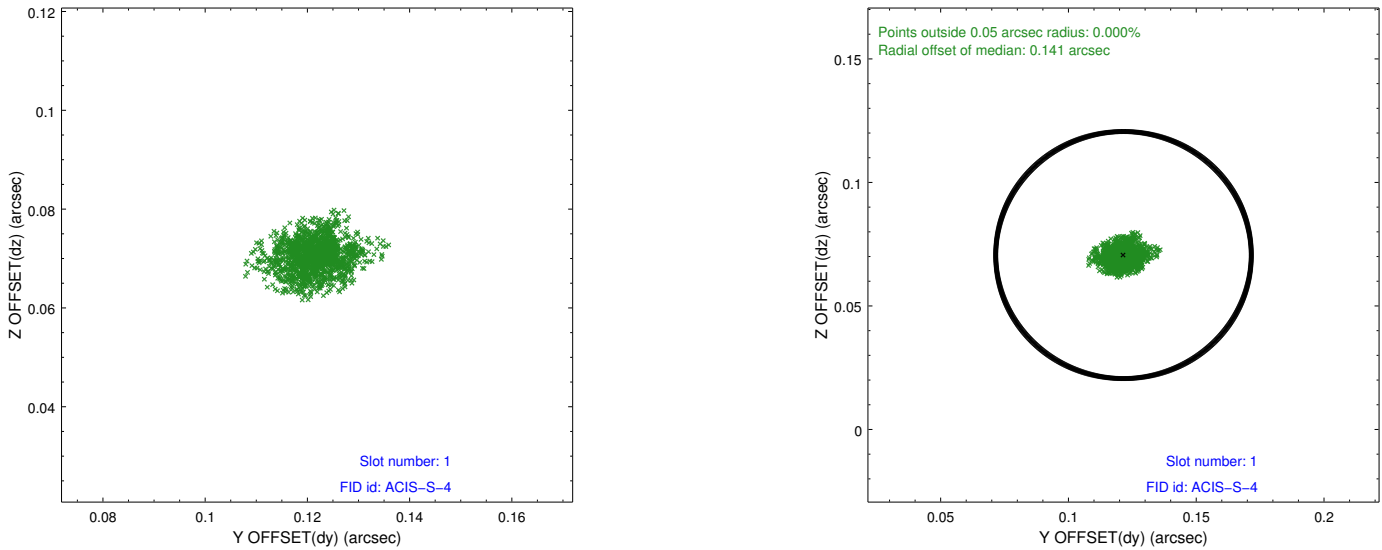


2.5 FID Slots

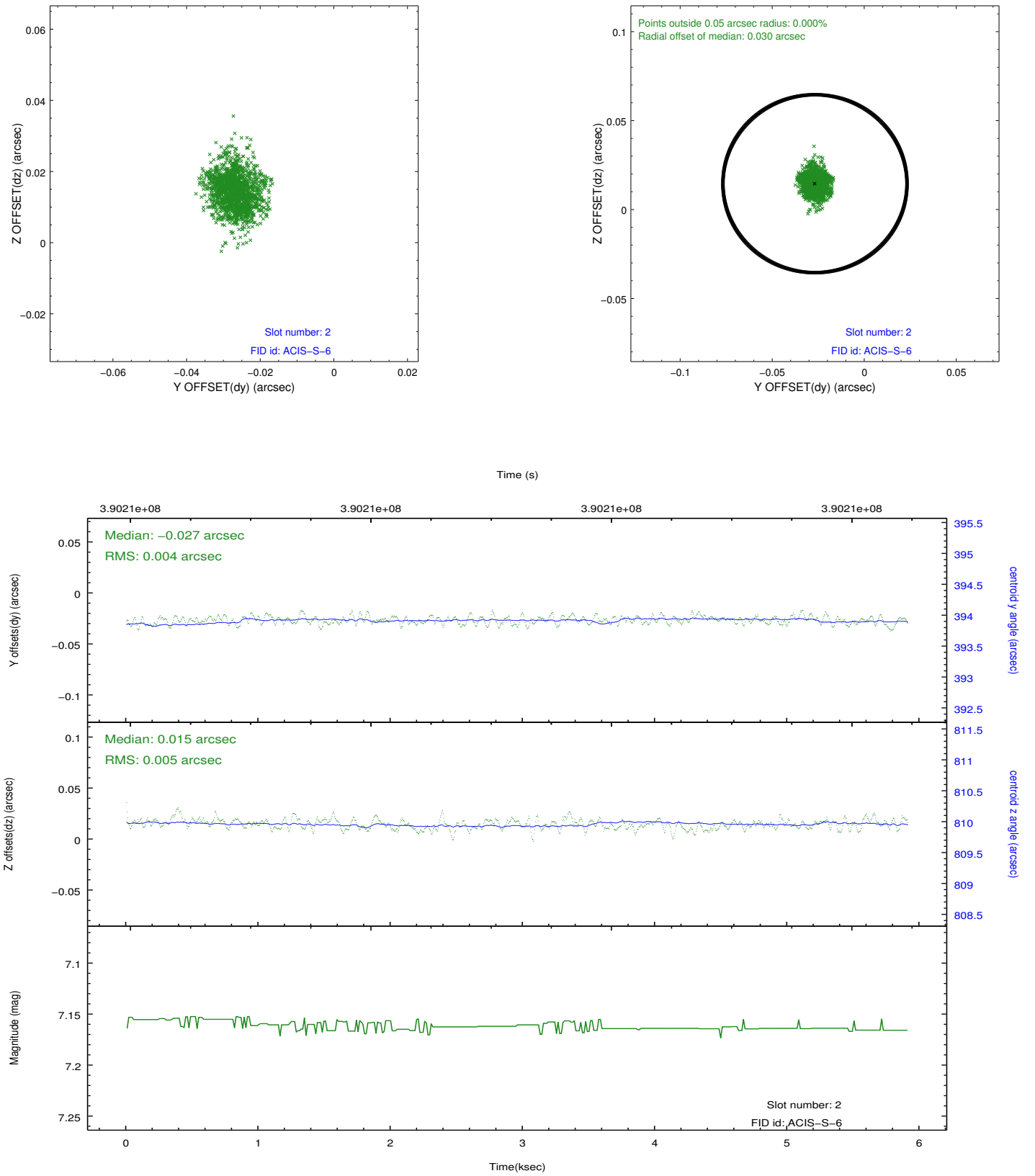
2.5.1 Slot 0



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)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9071999780536

A.2 Comments

Joint proposal with HST.