

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11698 - L2 Version 2
Chandra X-Ray Center

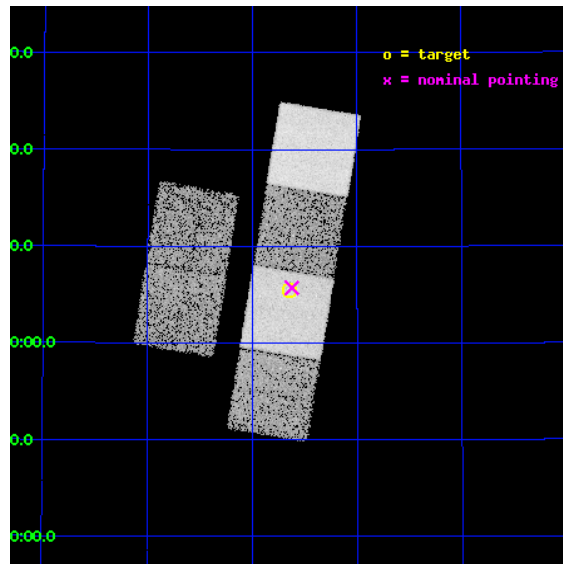
L2 Processing Date : Jun 17 2012

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

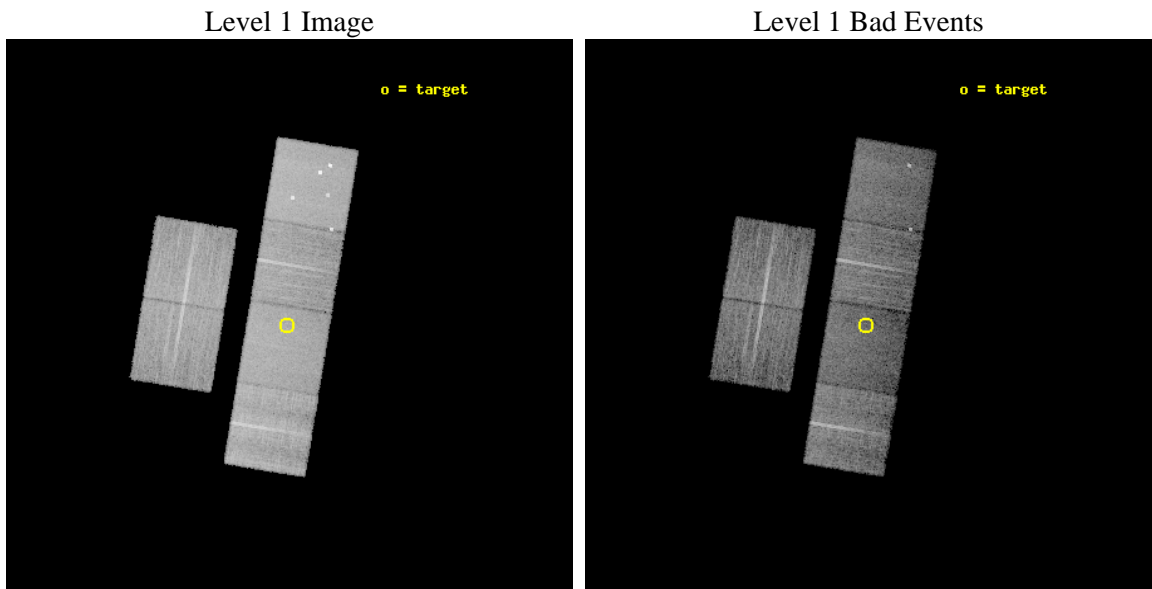
seq_num	702283	Sequence number
obs_id	11698	Observation id
title	After the Fall: Fading AGN in Post-starburst Galaxies	Proposal tit
observer	Dr. Christy Tremonti	Principal investigator
object	SDSS J082638.41+430529.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	126.66	Observer's specified target RA [deg]
dec_targ	43.091528	Observer's specified target Dec [deg]
ra_nom	126.65557147039	Nominal RA [deg]
dec_nom	43.095174587776	Nominal Dec [deg]
roll_nom	99.408553793067	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10028.799962699	Sum of GTIs [s]
livetime	9901.8092589534	Livetime [s]
ontime2	10028.799962699	Sum of GTIs [s]
ontime3	10028.799962699	Sum of GTIs [s]
ontime5	10028.799962699	Sum of GTIs [s]
ontime6	10022.318022013	Sum of GTIs [s]
ontime7	10028.799962699	Sum of GTIs [s]
ontime8	10022.317991972	Sum of GTIs [s]
l2events	135325	Number of level 2 events



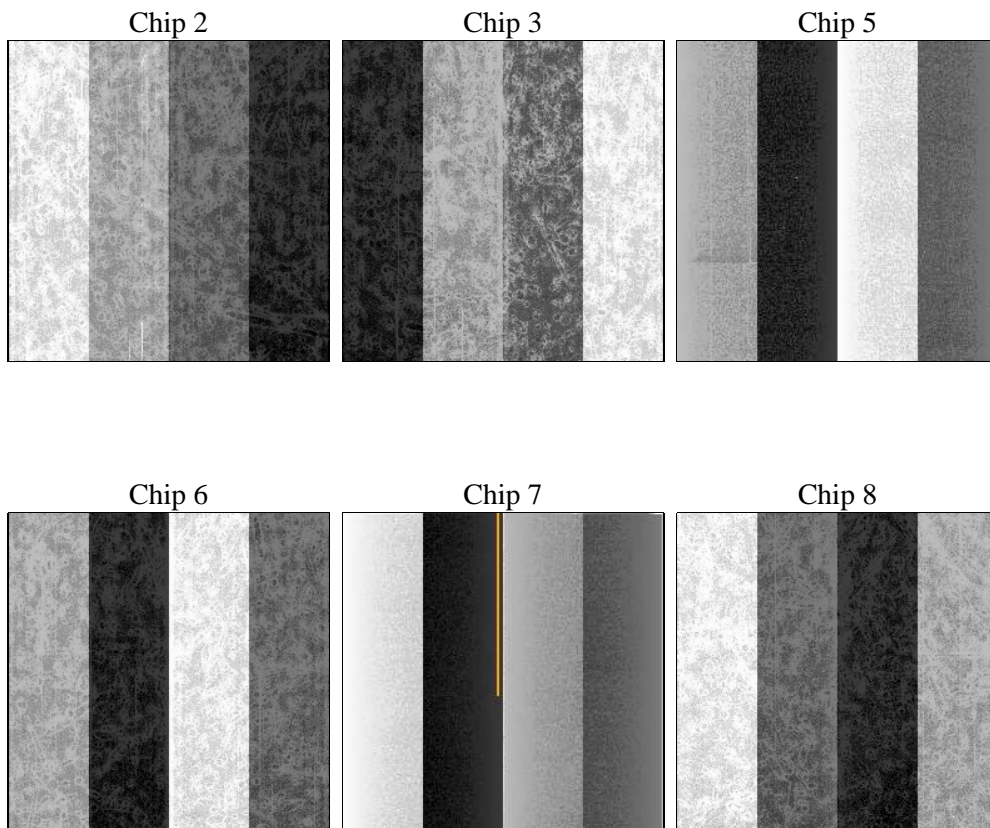
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9987.462000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10028.799962699	Sum of GTIs [s]
caldsver	4.4.10	 	ontime2	10028.799962699	Sum of GTIs [s]
date	2012-06-17T17:11:03	Date and time of file creation	ontime3	10028.799962699	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	10028.799962699	Sum of GTIs [s]
			ontime6	10022.318022013	Sum of GTIs [s]
			ontime7	10028.799962699	Sum of GTIs [s]
			ontime8	10022.317991972	Sum of GTIs [s]
			l1events	607164	Number of level 1 events

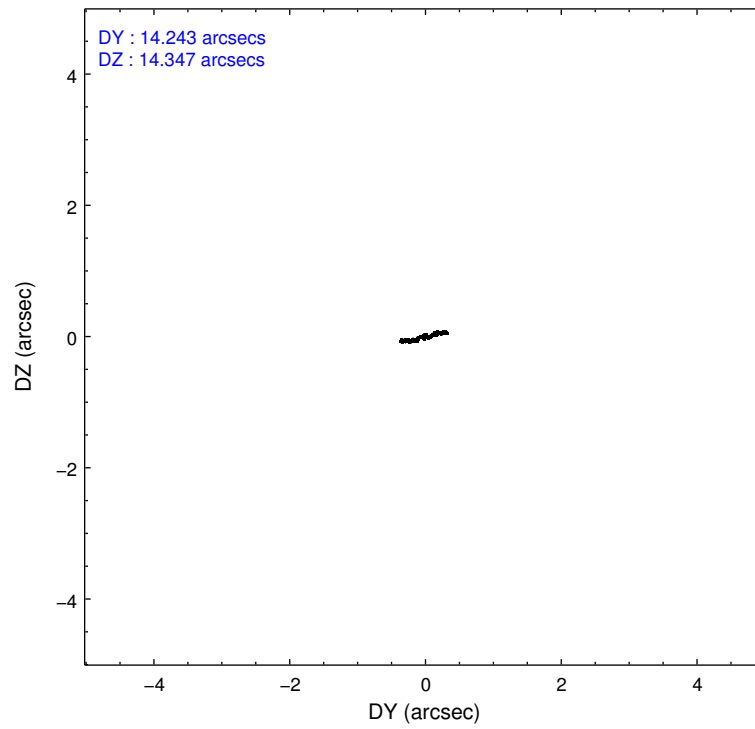
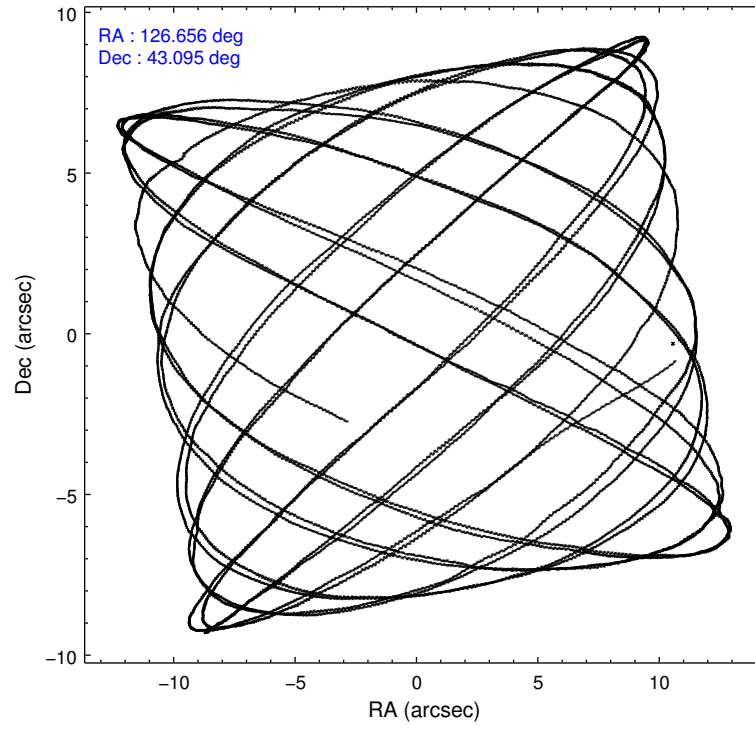
2.1.4 Events

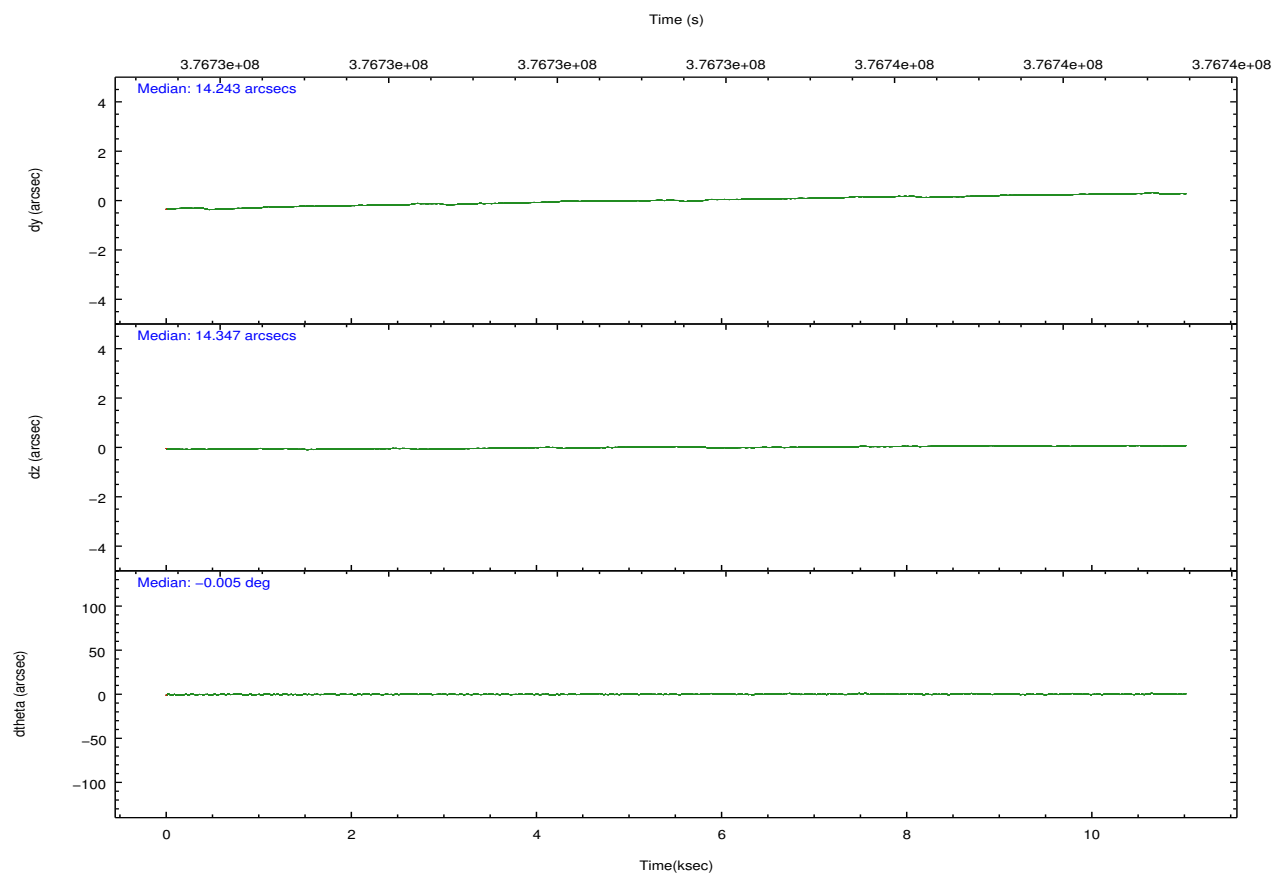
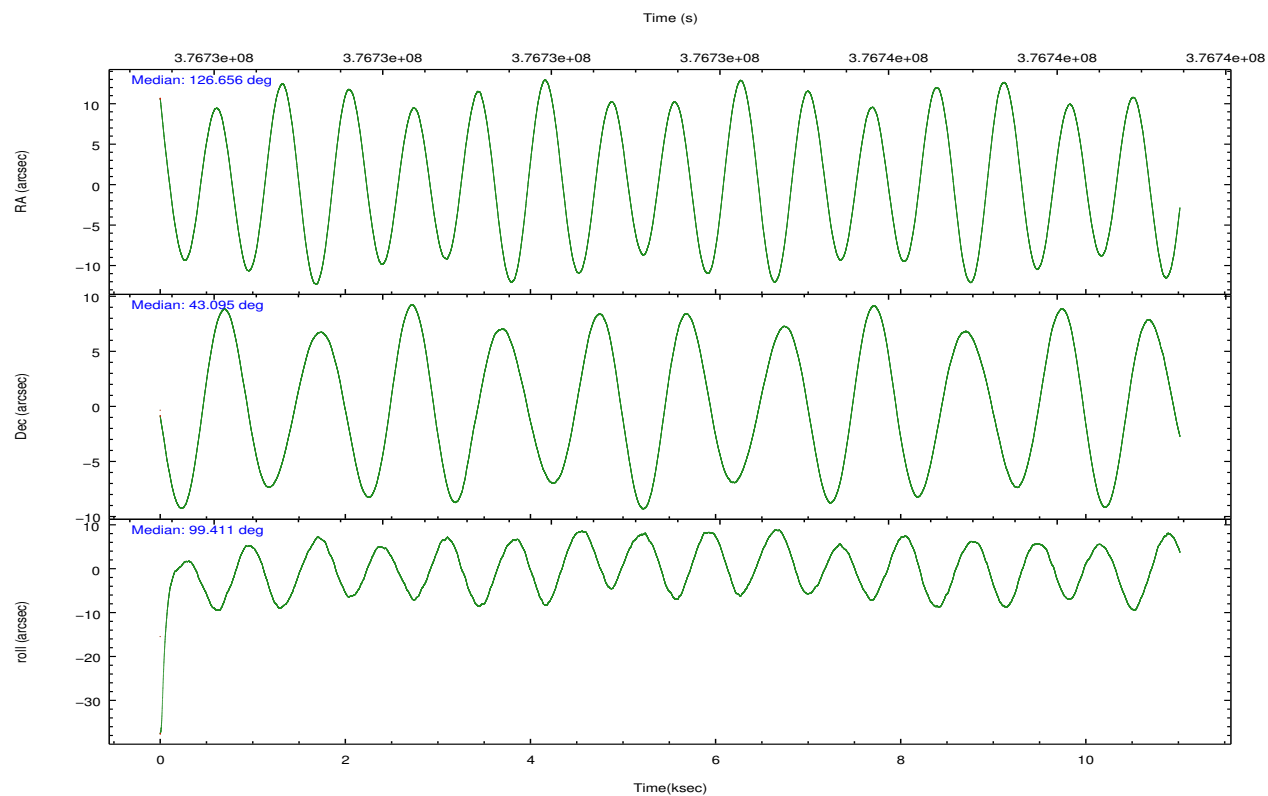
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	93869	81822	130867	85578	101437	113591	grade 0 events	3186	3025	10304	3324	4163	8519
rejected events	84951	73382	63920	76184	55389	84995		3%	3%	7%	3%	4%	7%
rejected %	90%	89%	48%	89%	54%	74%	grade 1 events	55	46	731	46	164	106
								0%	0%	0%	0%	0%	0%
							grade 2 events	2173	1858	19463	2079	9561	6587
								2%	2%	14%	2%	9%	5%
							grade 3 events	904	930	2479	965	4111	2988
								0%	1%	1%	1%	4%	2%
							grade 4 events	945	906	2300	990	4102	2752
								1%	1%	1%	1%	4%	2%
							grade 5 events	3080	3551	9506	3589	10595	5371
								3%	4%	7%	4%	10%	4%
							grade 6 events	1713	1727	32435	2039	24130	7765
								1%	2%	24%	2%	23%	6%
							grade 7 events	81813	69779	53649	72546	44611	79503
								87%	85%	40%	84%	43%	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	126.679784	126.6555714703945	CCD I2 on	O1	Y
[deg] Pointing Dec	43.074295	43.09517458777621	CCD I3 on	O2	Y
[deg] Pointing Roll	99.235421	99.40855379306718	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	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O3	Y
[s] Observation start time (MET)	376728934.184000	376727506.66248	CCD S5 on	N	N
Observation start date	2009-12-09T06:54:28	2009-12-09T06:31:46	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	376738921.184000	376739146.56307	On-chip summing requested	N	N
Observation end date	2009-12-09T09:40:55	2009-12-09T09:45:46	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



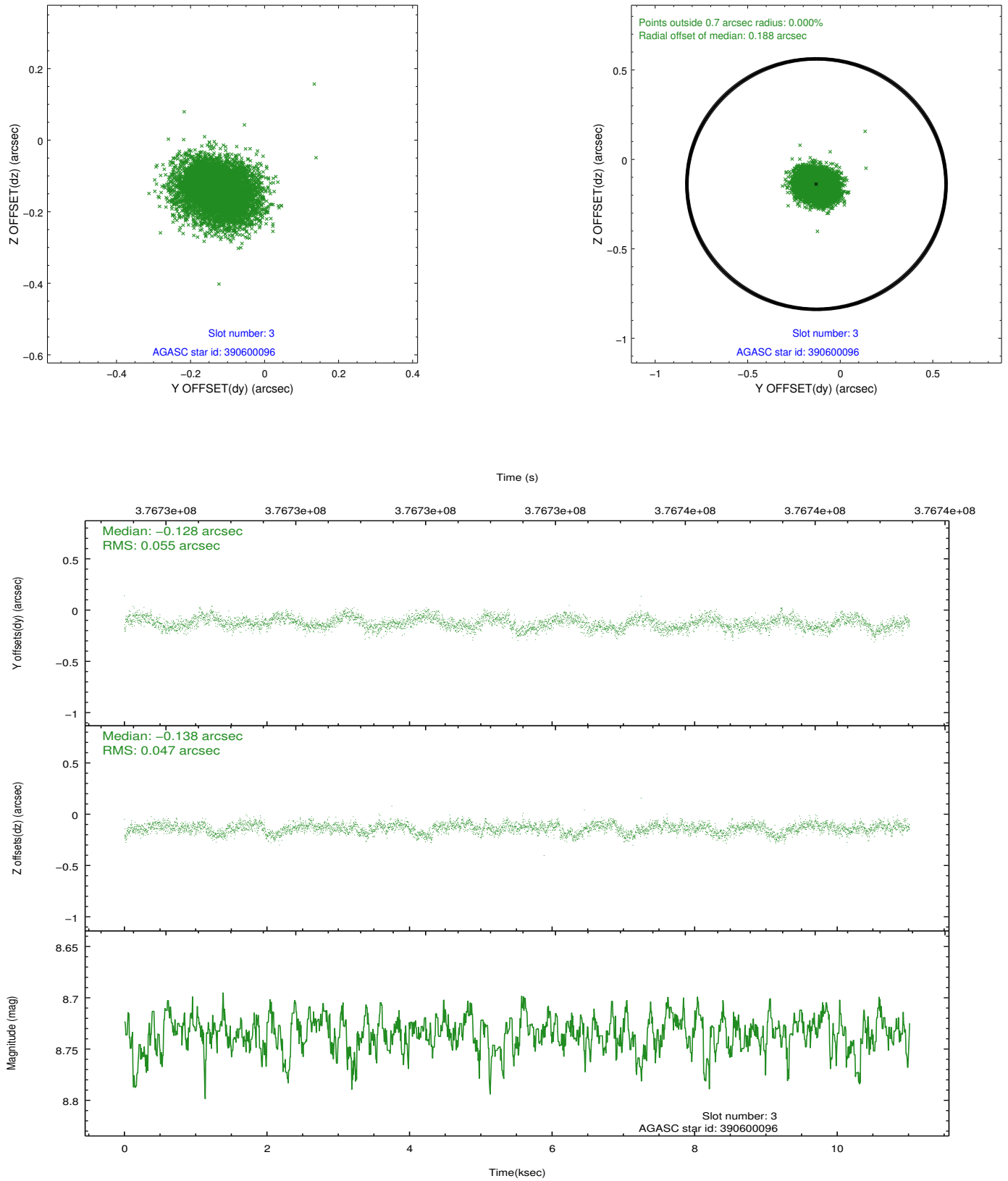


Slot Statistics

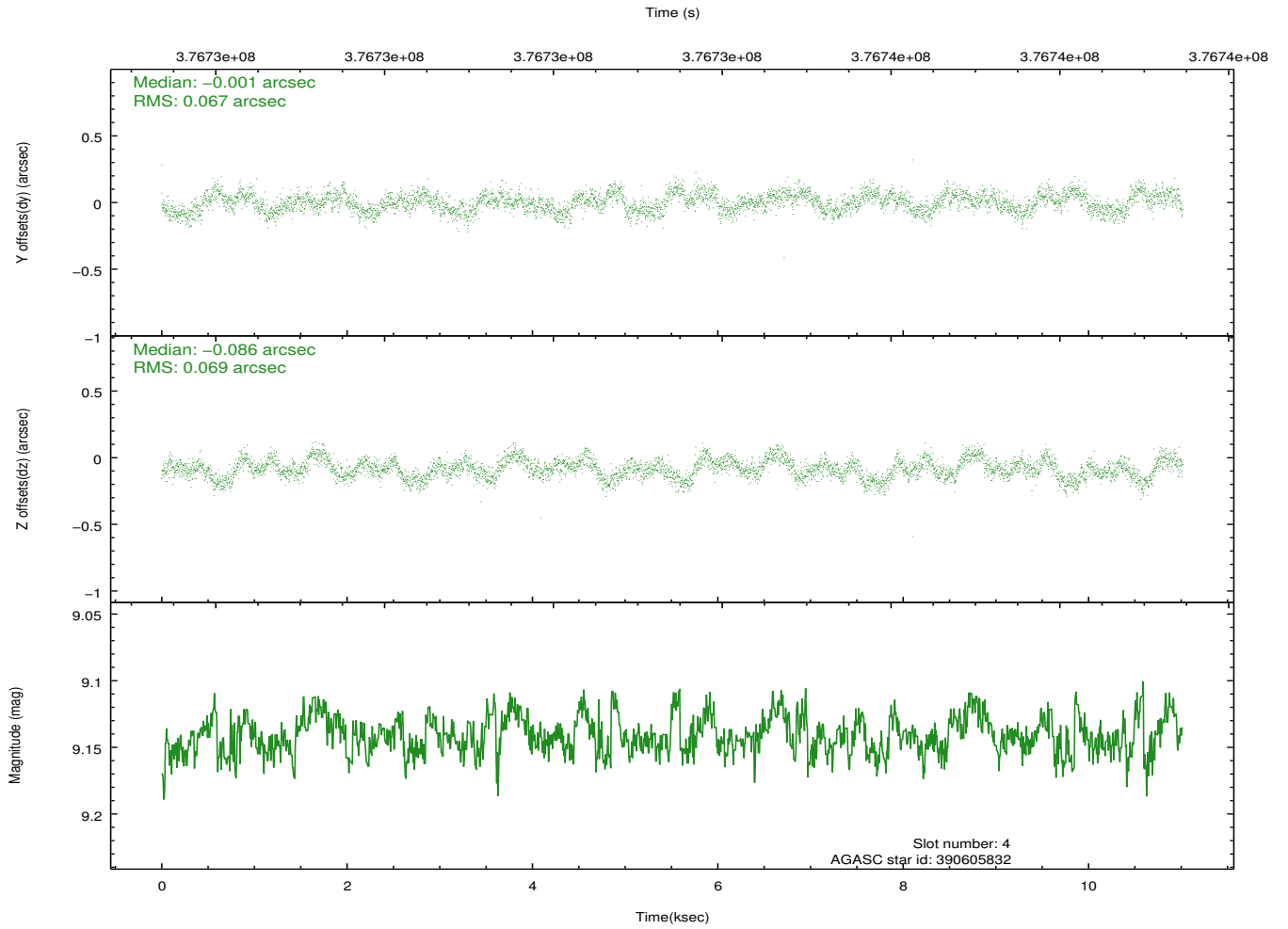
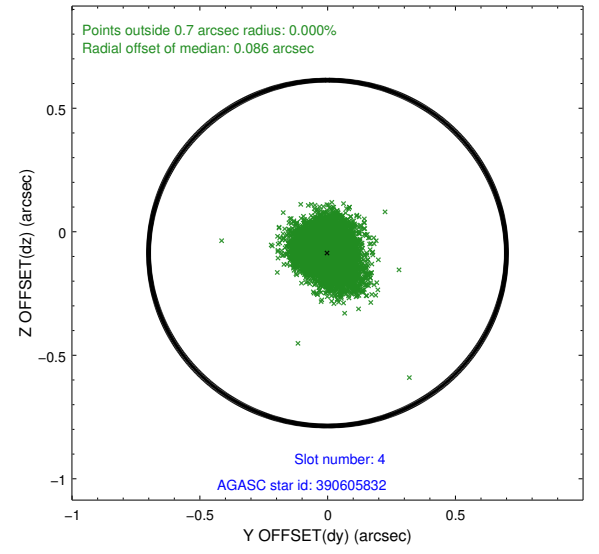
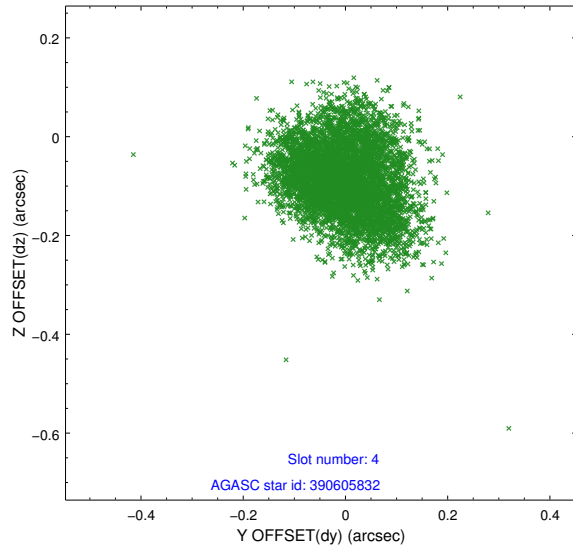
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.93	2688	-0.063	-0.028	0.011	0.015	0.000000	0.000000	-767.23	-1735.74
1	FID	ACIS-S-4	7.01	2688	0.175	0.038	0.008	0.013	0.000000	0.000000	2146.05	172.35
2	FID	ACIS-S-5	7.04	2687	-0.142	-0.001	0.013	0.018	0.000000	0.000000	-1819.58	166.48
3	GUIDE	390600096	8.73	5369	-0.128	-0.138	0.078	0.124	126.238039	43.544194	1857.59	865.62
4	GUIDE	390605832	9.14	5373	-0.001	-0.086	0.104	0.163	126.281848	42.508898	-1836.77	1368.84
5	GUIDE	390608632	8.55	5370	0.091	-0.054	0.070	0.112	126.244325	42.995927	-91.82	1176.80
6	GUIDE	390726232	9.56	5355	-0.062	0.198	0.106	0.172	126.682955	43.641392	2013.48	-335.59
7	GUIDE	390207360	9.75	5346	0.098	0.090	0.110	0.199	126.280182	42.490771	-1901.36	1384.71

2.4 Star Slots

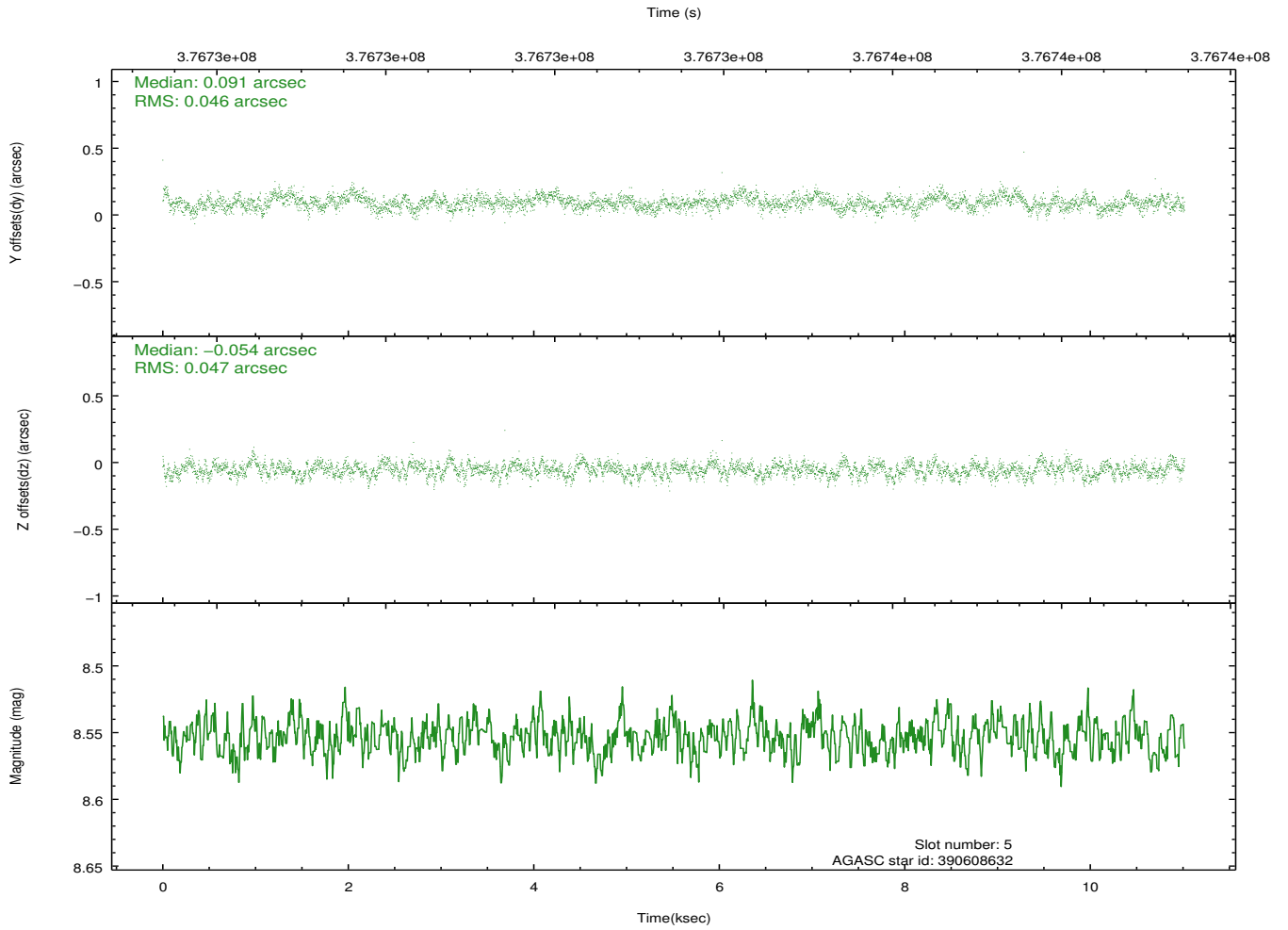
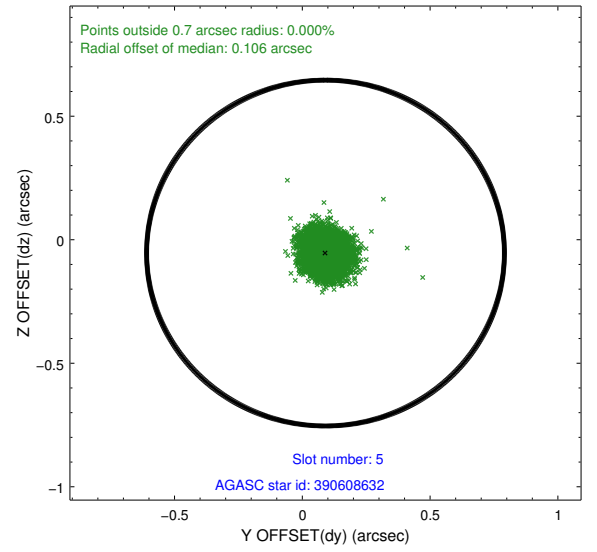
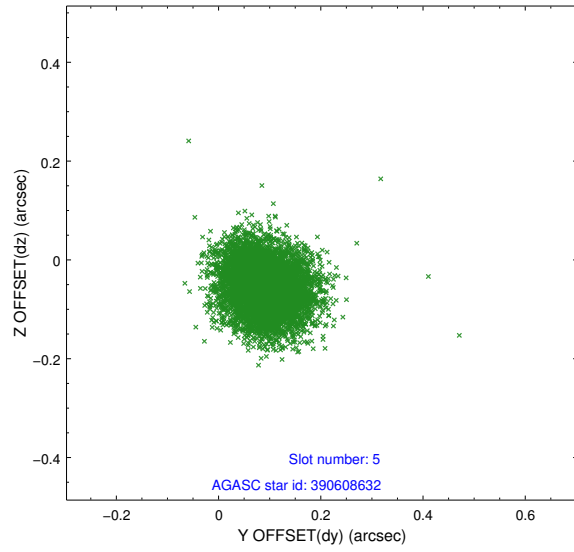
2.4.1 Slot 3



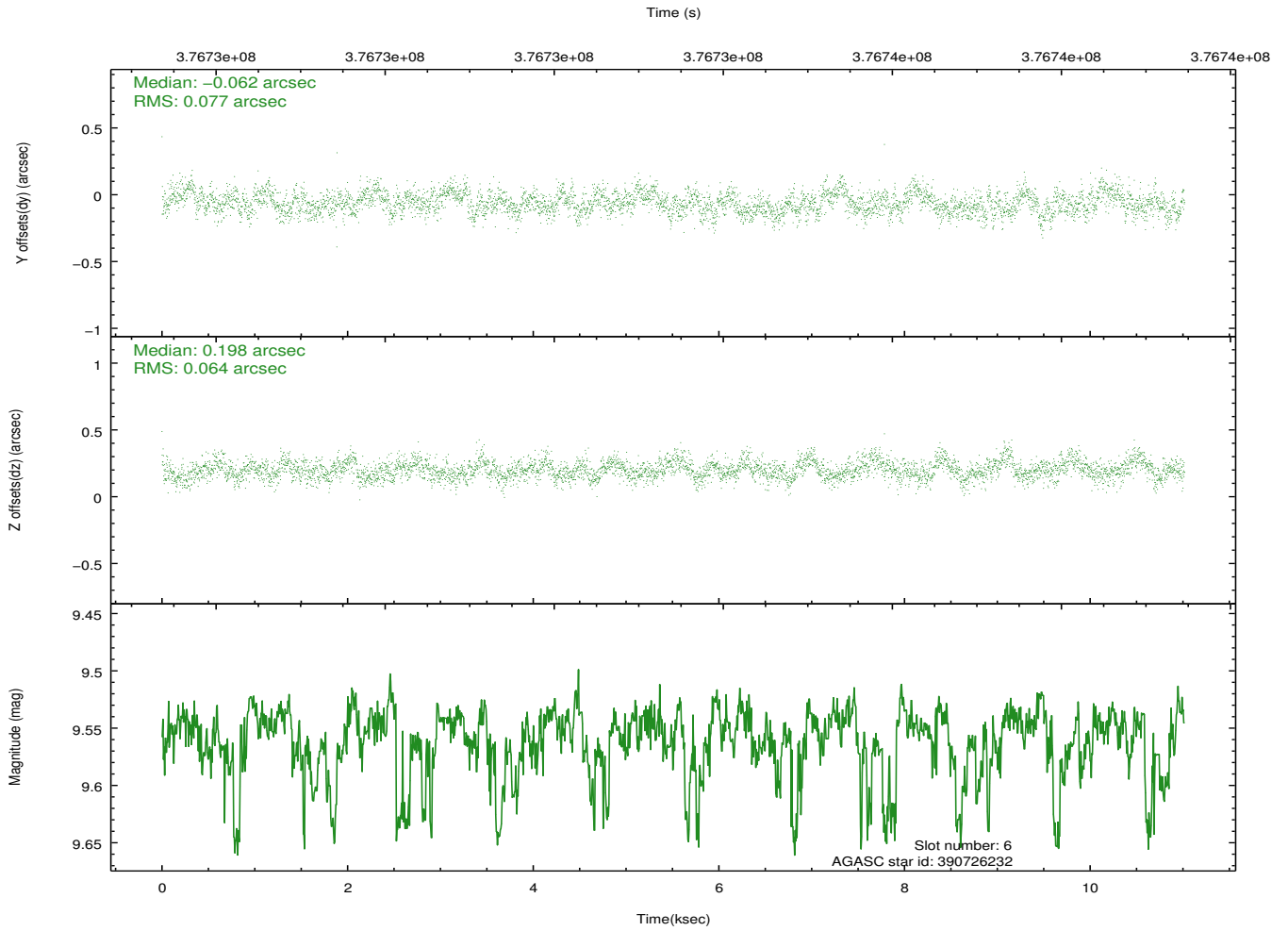
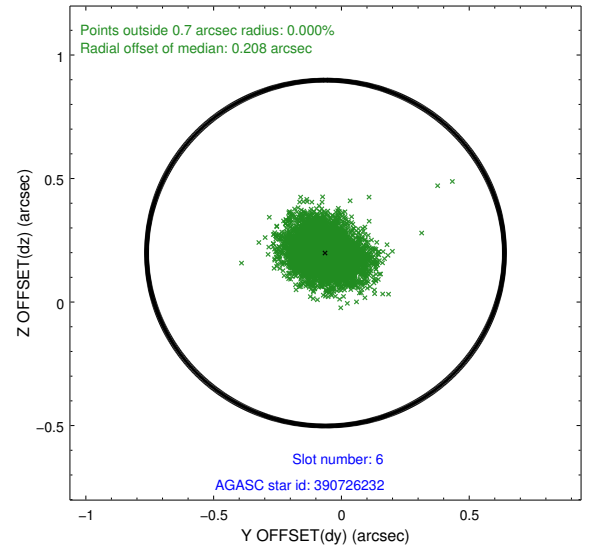
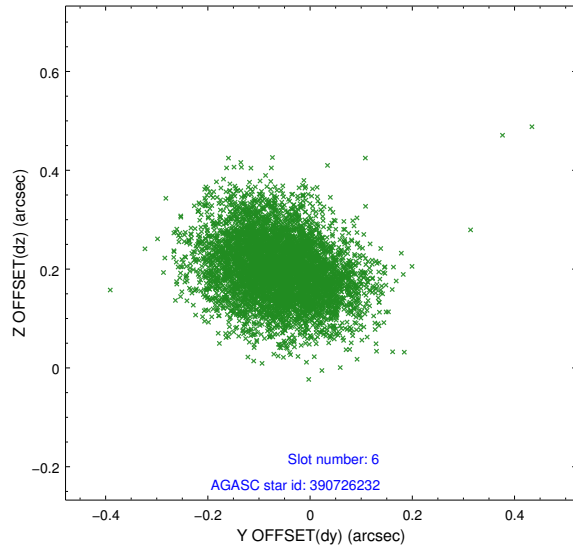
2.4.2 Slot 4



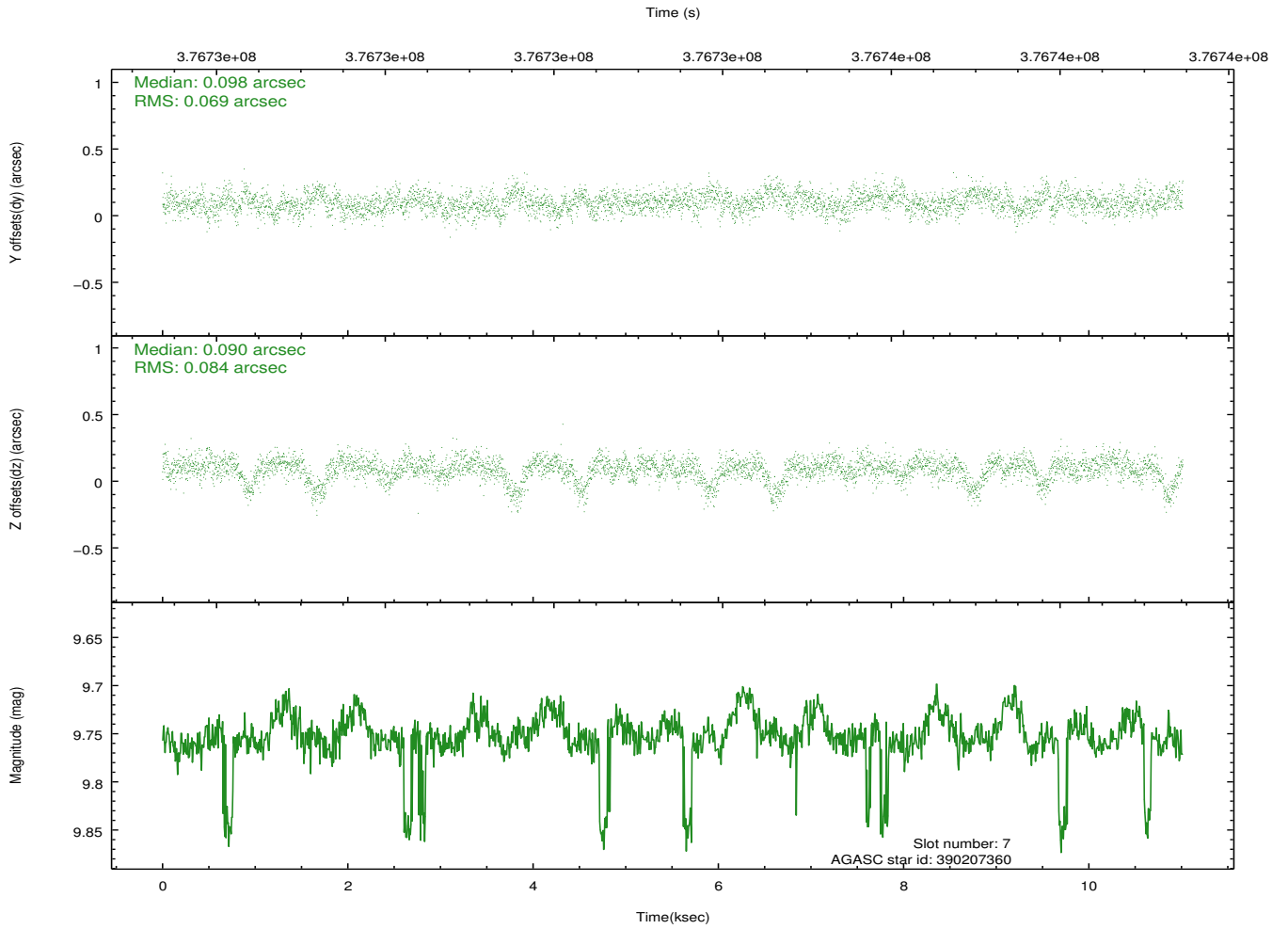
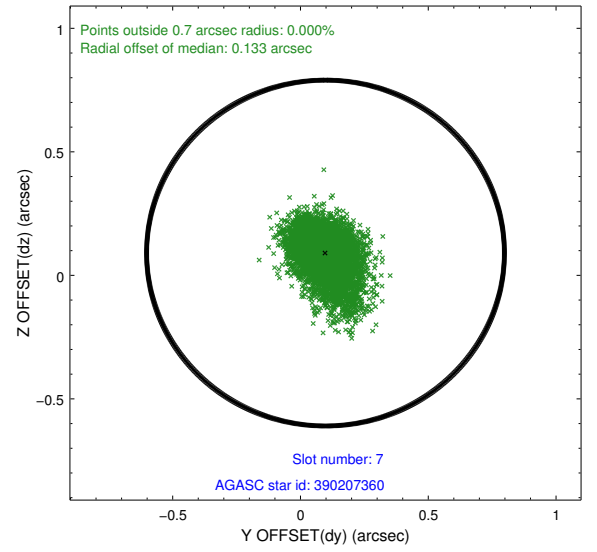
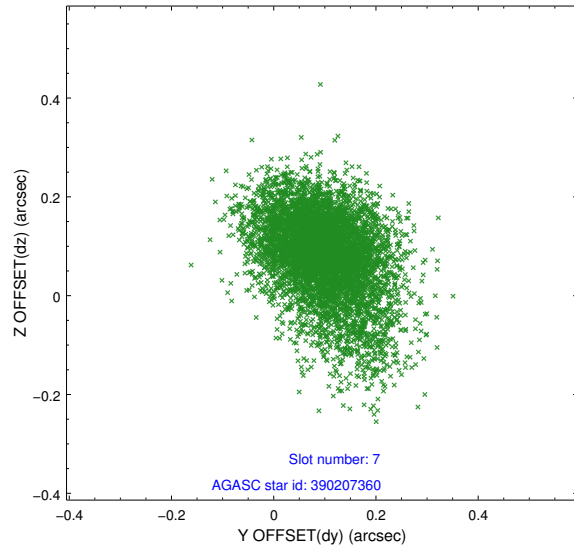
2.4.3 Slot 5



2.4.4 Slot 6

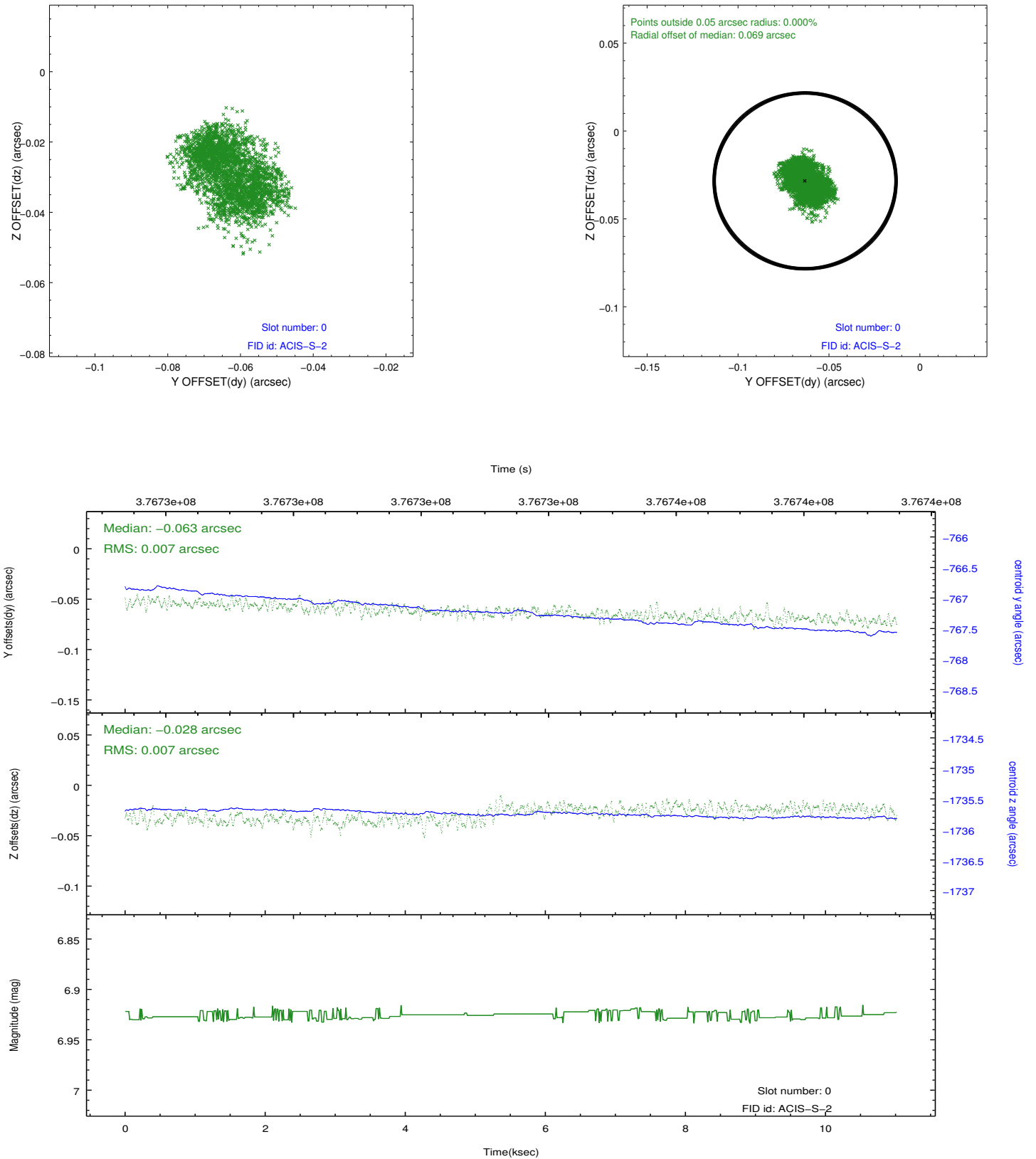


2.4.5 Slot 7

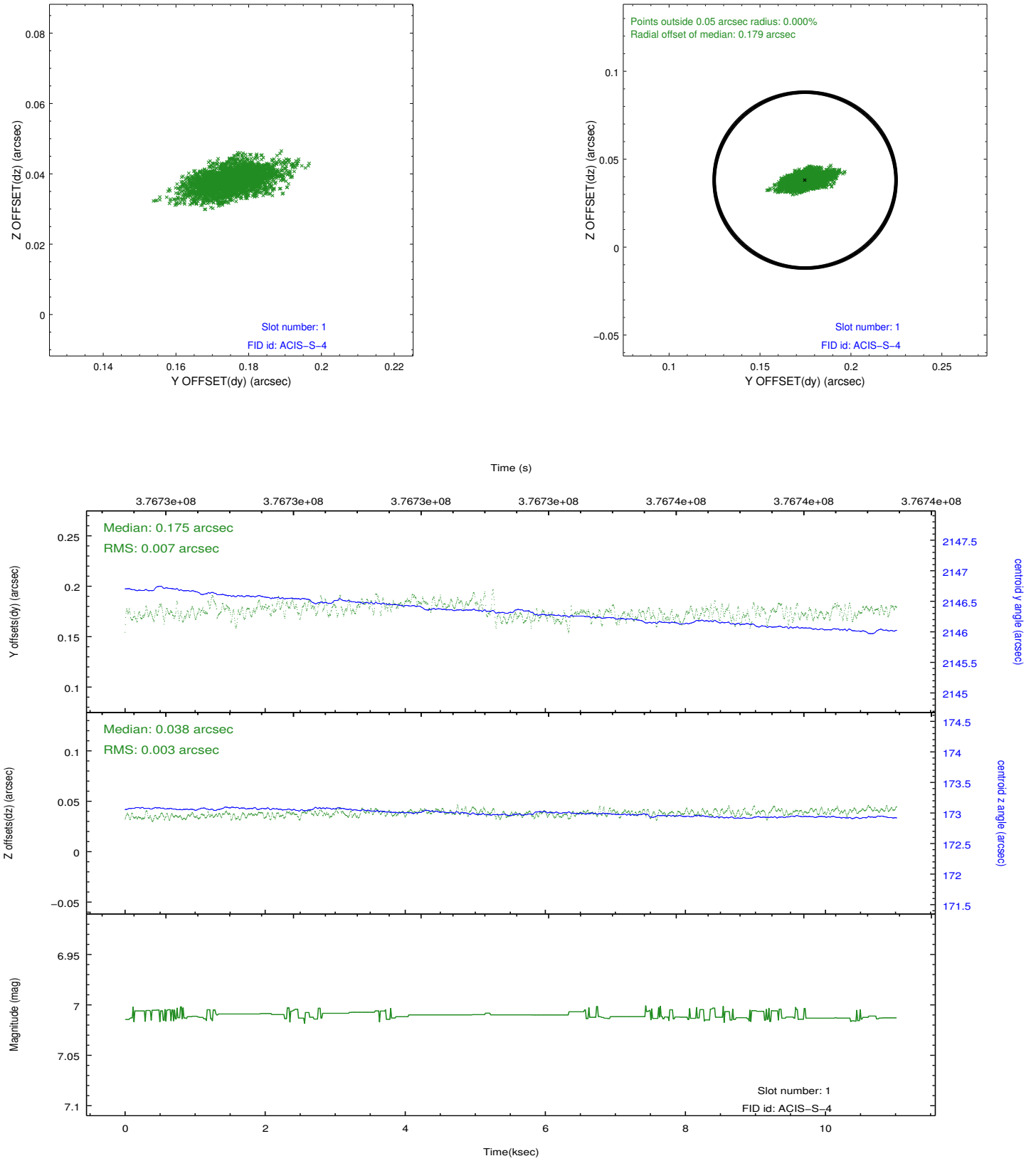


2.5 FID Slots

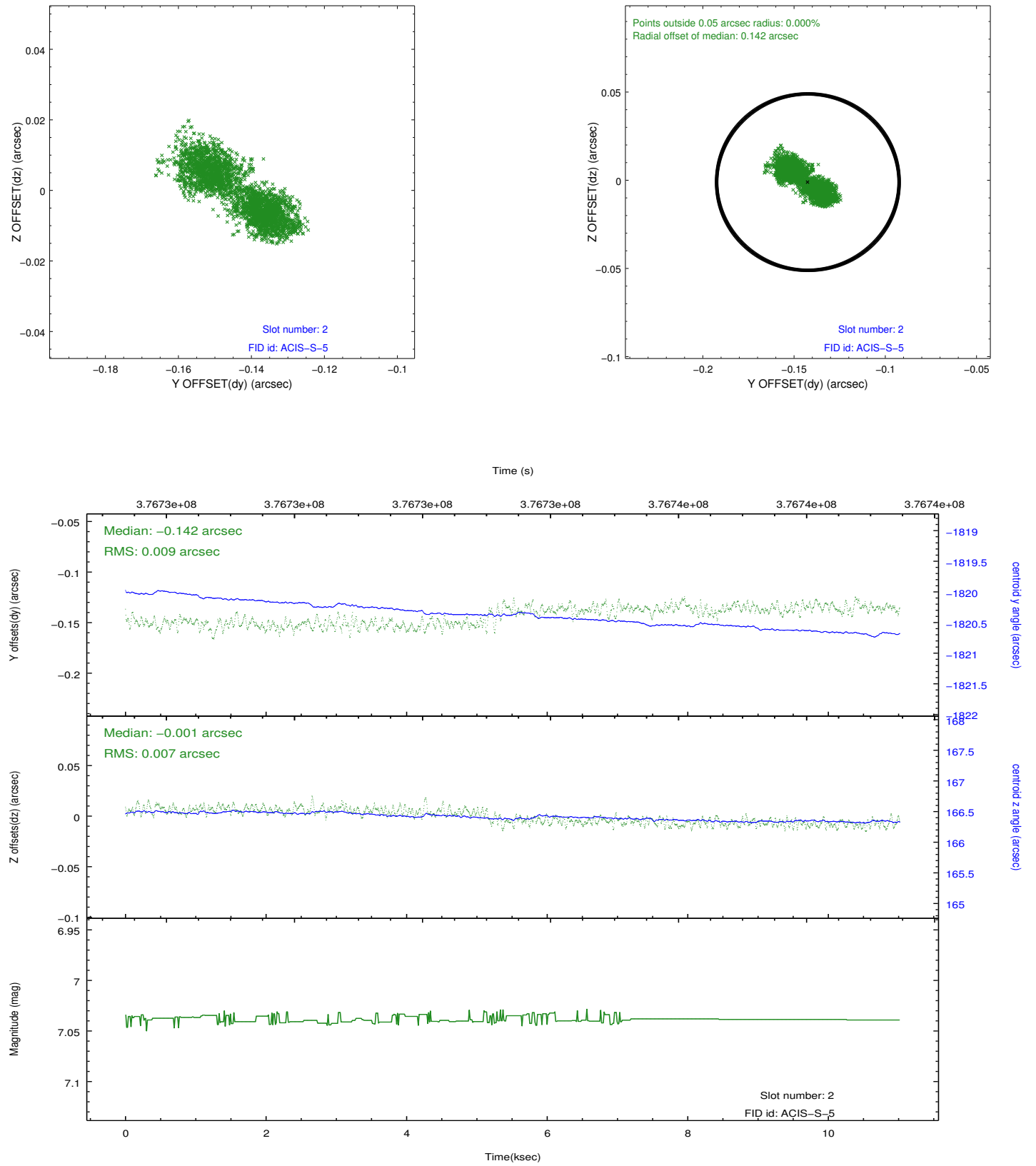
2.5.1 Slot 0



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)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.0287999

A.2 Comments