

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6436 - L2 Version 2
Chandra X-Ray Center

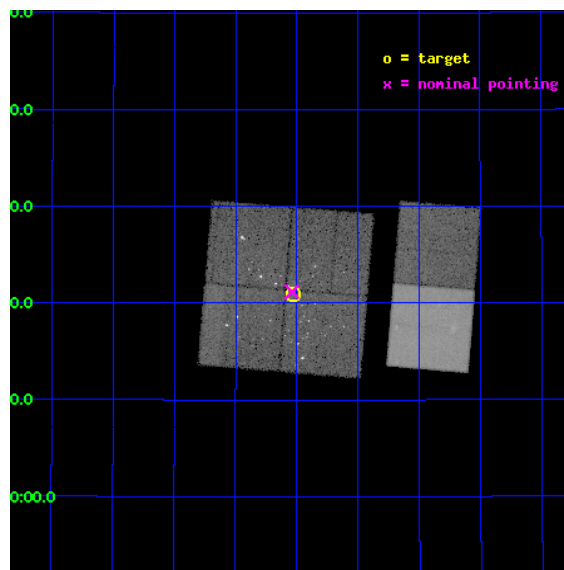
L2 Processing Date : Apr 4 2012

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

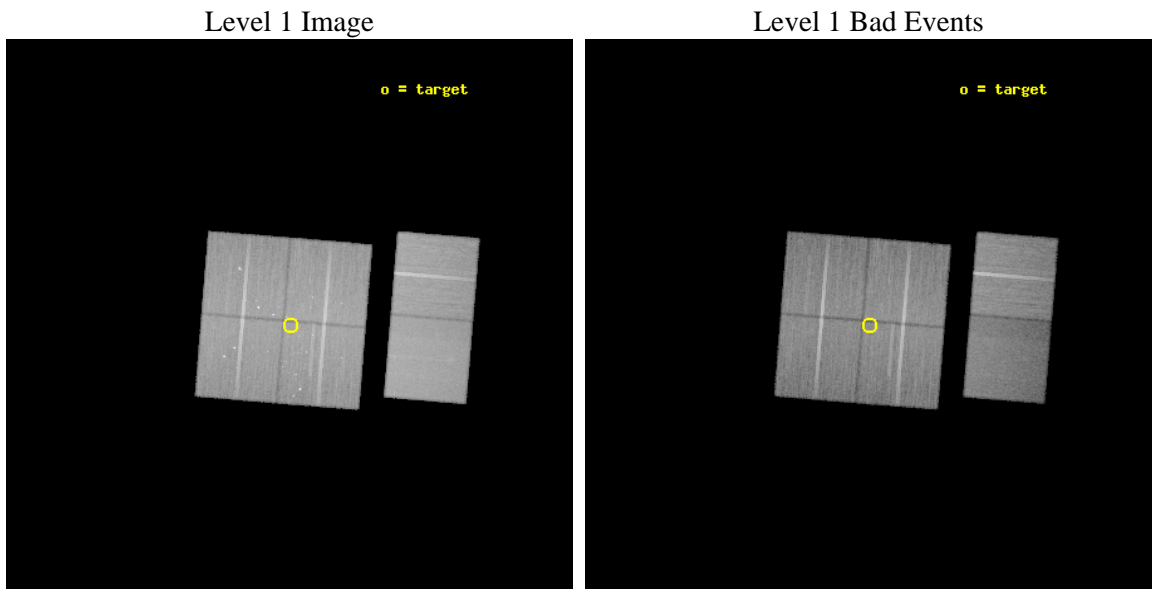
seq_num	200410	Sequence number
obs_id	6436	Observation id
title	Multi-Wavelength Signatures of Magnetic Activity in NGC 1333	Propo
observer	Dr. Scott Wolk	Principal investigator
object	NGC 1333	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	52.258333	Observer's specified target RA [deg]
dec_targ	31.348333	Observer's specified target Dec [deg]
ra_nom	52.260035818035	Nominal RA [deg]
dec_nom	31.352738123416	Nominal Dec [deg]
roll_nom	94.707796260831	Nominal Roll [deg]
revision	2	Processing version of data
ontime	36952.079473078	Sum of GTIs [s]
livetime	36484.169992919	Livetime [s]
ontime0	36945.474432409	Sum of GTIs [s]
ontime1	36951.997393072	Sum of GTIs [s]
ontime2	36952.038433075	Sum of GTIs [s]
ontime3	36952.079473078	Sum of GTIs [s]
ontime6	36952.161553085	Sum of GTIs [s]
ontime7	36952.120513082	Sum of GTIs [s]
l2events	269026	Number of level 2 events



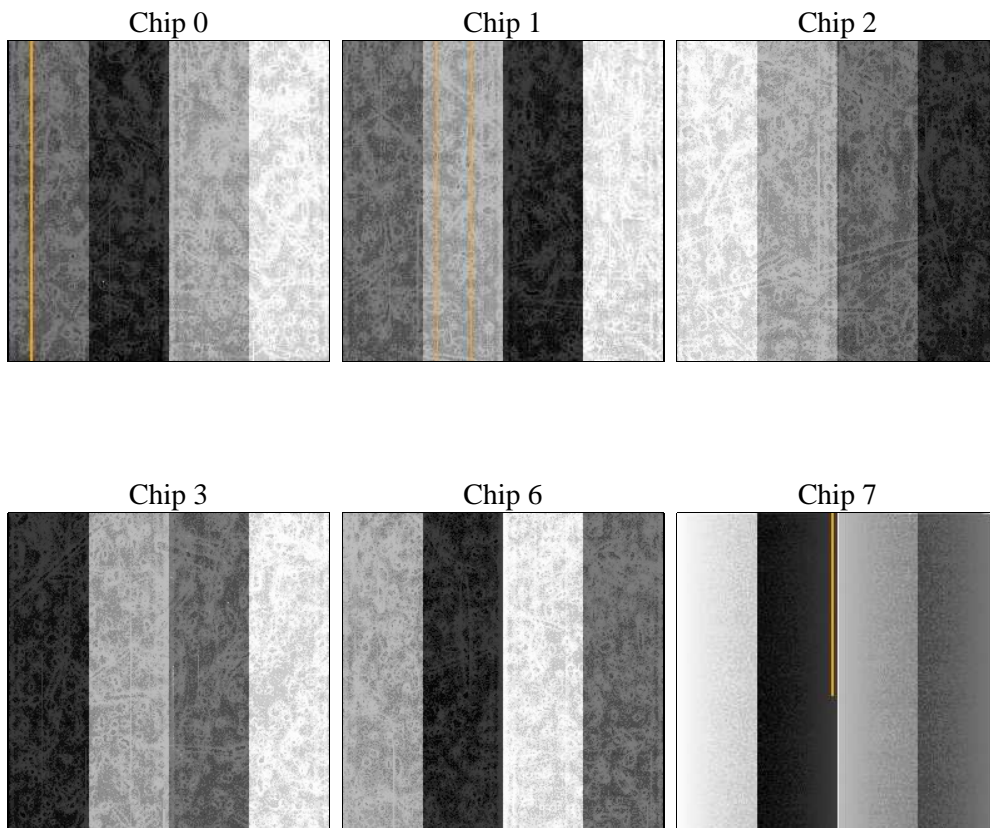
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	37000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	36952.079473078	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	36945.474432409	Sum of GTIs [s]
date	2012-04-04T21:04:02	Date and time of file creation	ontime1	36951.997393072	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	36952.038433075	Sum of GTIs [s]
			ontime3	36952.079473078	Sum of GTIs [s]
			ontime6	36952.161553085	Sum of GTIs [s]
			ontime7	36952.120513082	Sum of GTIs [s]
			l1events	1713397	Number of level 1 events

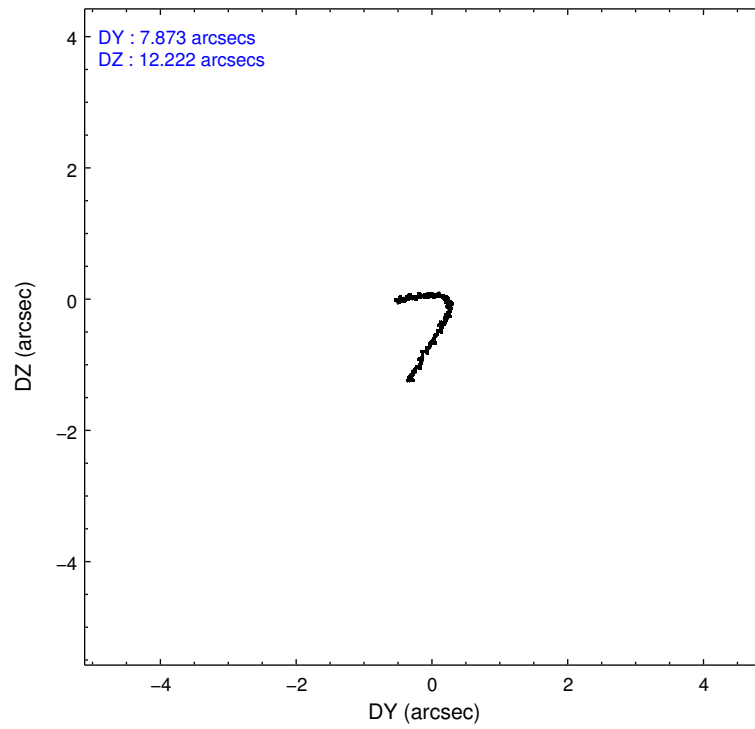
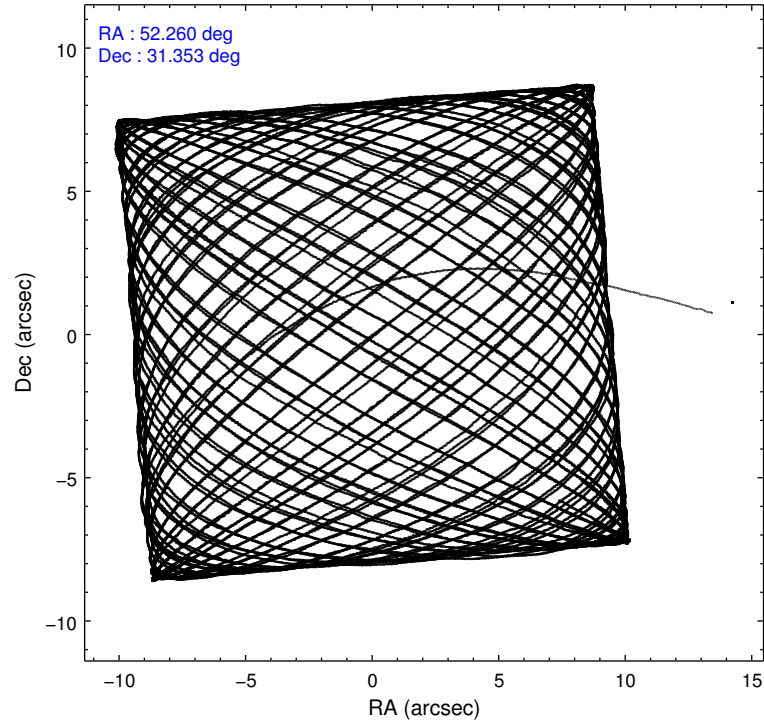
2.1.4 Events

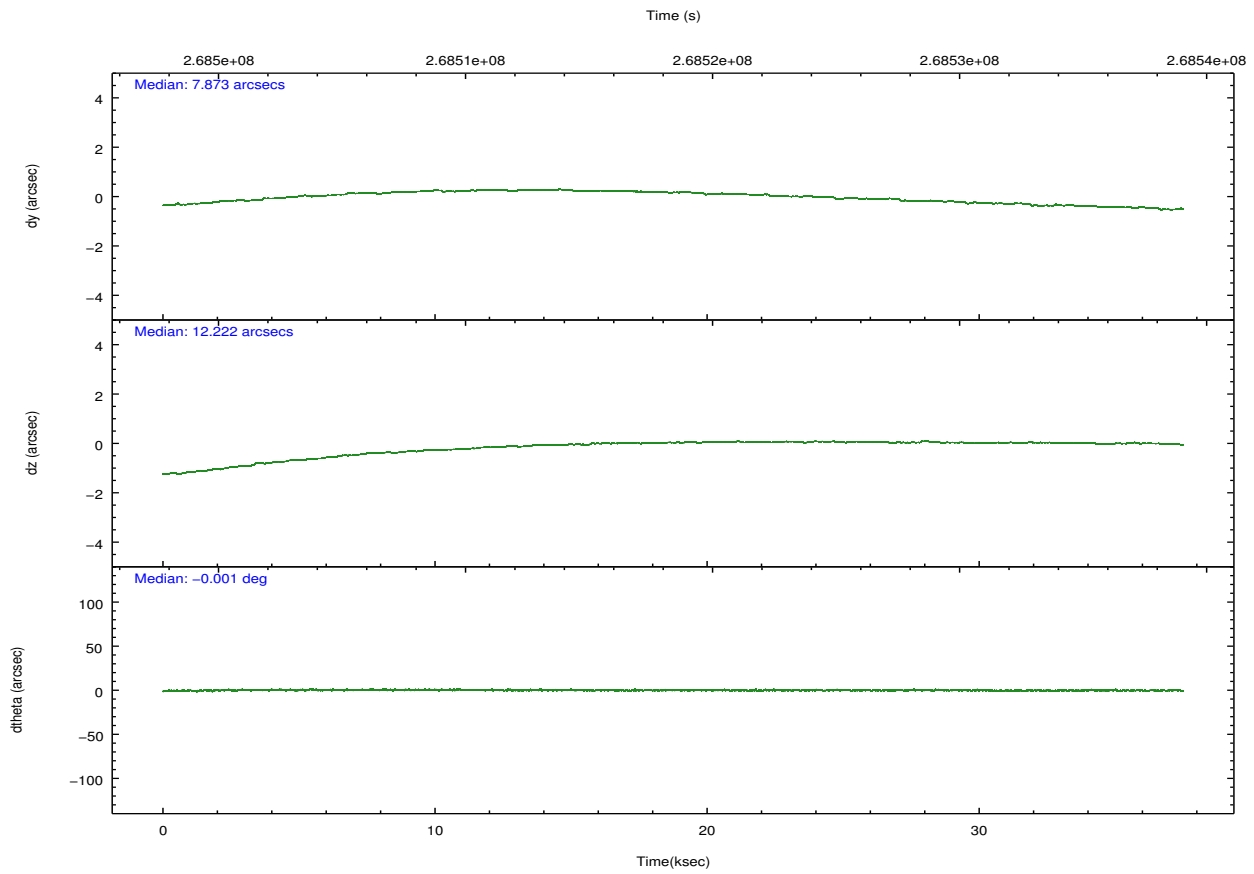
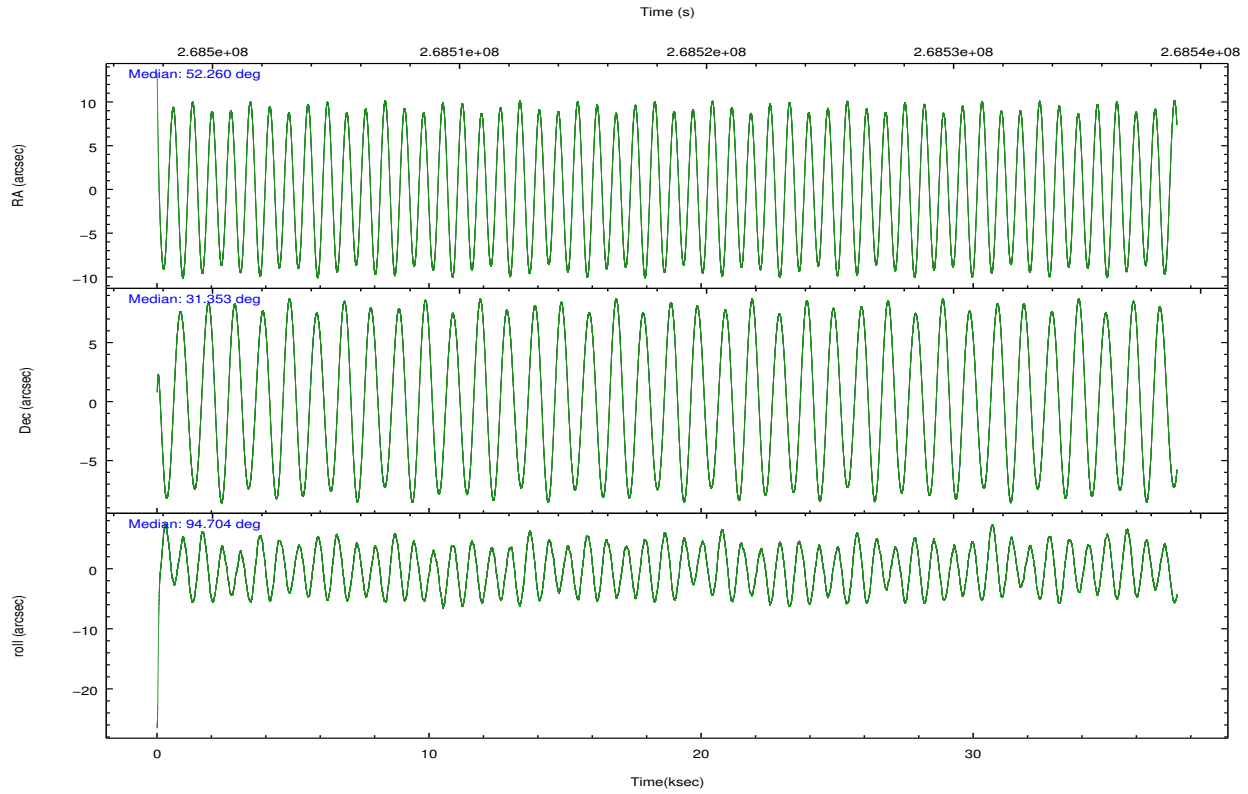
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	272459	265251	293164	281675	292787	308061	grade 0 events	15022	13511	10325	13991	9883	12566
rejected events	238706	231417	265658	250336	264055	165846		5%	5%	3%	4%	3%	4%
rejected %	87%	87%	90%	88%	90%	53%	grade 1 events	237	179	165	199	139	286
								0%	0%	0%	0%	0%	0%
							grade 2 events	7116	7223	6482	6099	6419	28800
								2%	2%	2%	2%	2%	9%
							grade 3 events	3239	3401	2906	3079	3101	13201
								1%	1%	0%	1%	1%	4%
							grade 4 events	3107	3432	2963	3054	3063	13092
								1%	1%	1%	1%	1%	4%
							grade 5 events	9080	10194	8692	10742	11248	32196
								3%	3%	2%	3%	3%	10%
							grade 6 events	5273	6271	4834	5125	6275	74594
								1%	2%	1%	1%	2%	24%
							grade 7 events	229385	221040	256797	239386	252659	133326
								84%	83%	87%	84%	86%	43%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	52.278398	52.26003581803474	Subarray requested	NONE	NONE
[deg] Pointing Dec	31.330285	31.35273812341646	Alternating exposures requested	N	N
[deg] Pointing Roll	94.489563	94.70779626083066	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	268500138.184000	268499019.03778			
Observation start date	2006-07-05T15:21:13	2006-07-05T15:03:39			
[s] Observation end time (MET)	268537138.184000	268537728.67709			
Observation end date	2006-07-06T01:37:53	2006-07-06T01:48:48			
Read mode	TIMED	TIMED			

2.3 Aspect





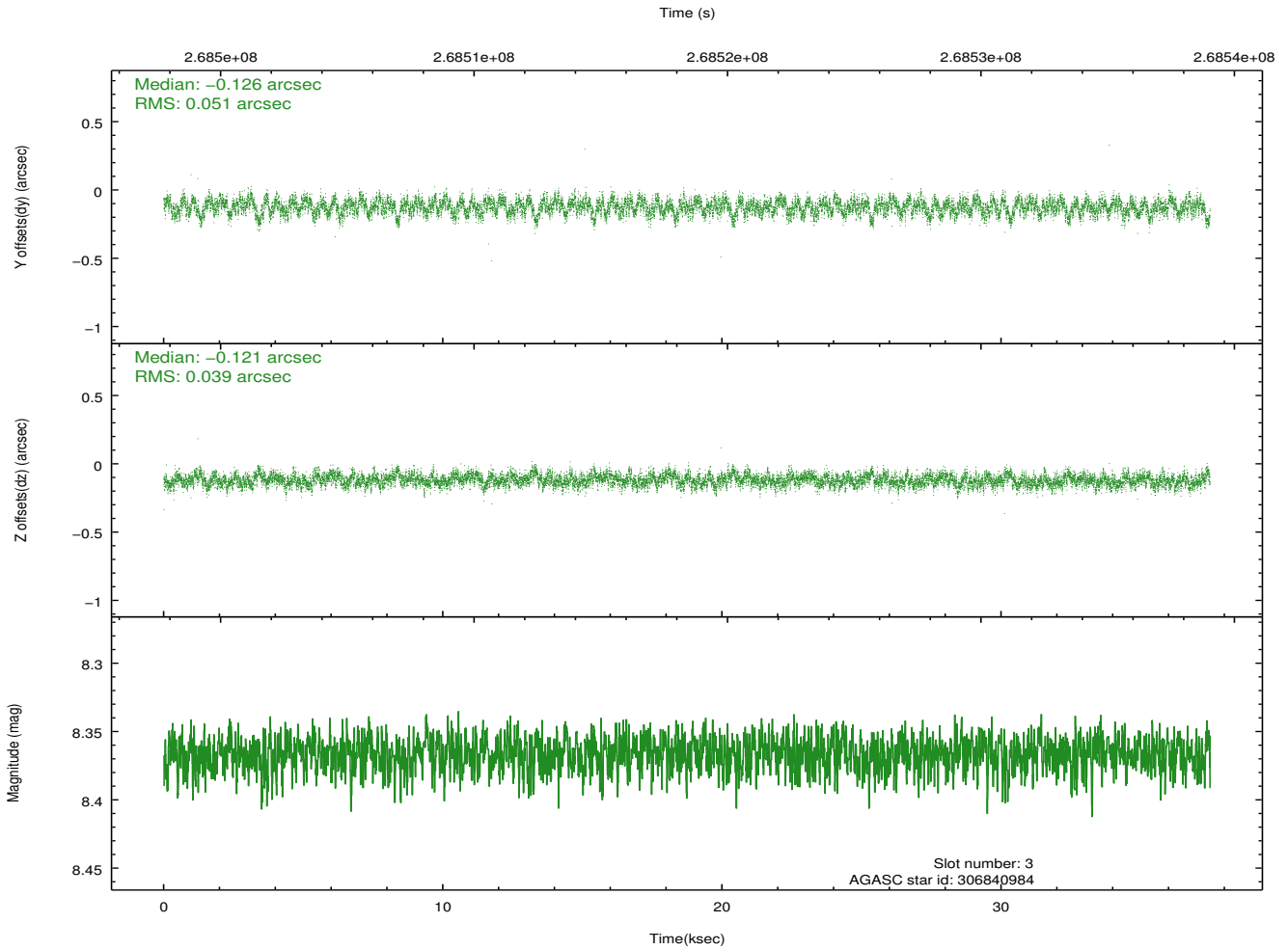
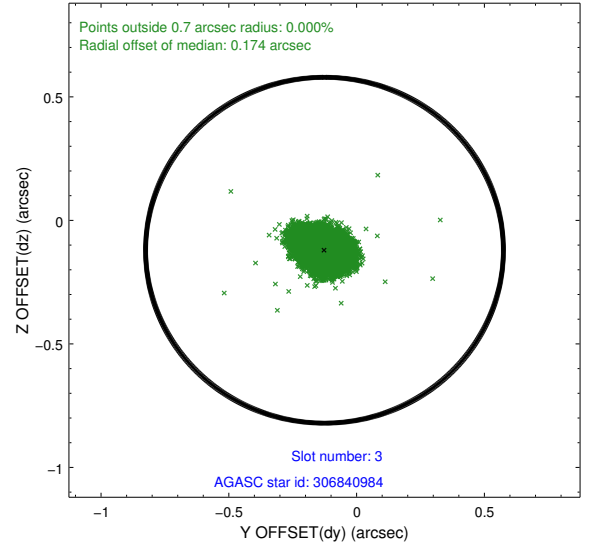
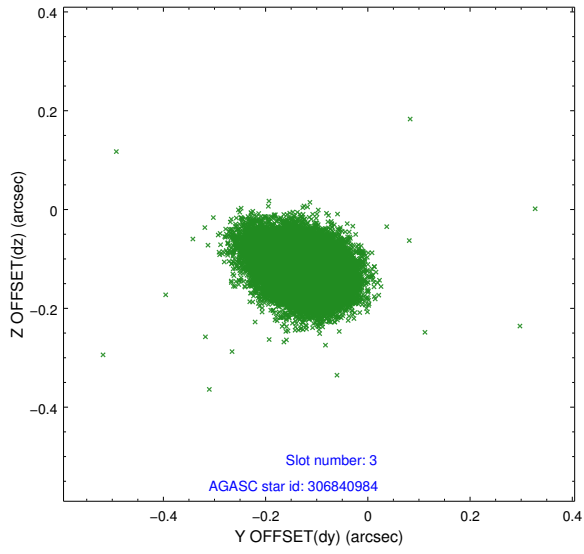
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	9140	0.054	-0.043	0.014	0.021	0.000000	0.000000	931.86	-835.61
1	FID	ACIS-I-5	7.23	9139	-0.179	0.062	0.015	0.024	0.000000	0.000000	-1816.43	1062.01
2	FID	ACIS-I-6	7.24	9141	0.033	0.050	0.013	0.023	0.000000	0.000000	397.39	1706.50
3	GUIDE	306840984	8.37	18282	-0.126	-0.121	0.068	0.109	51.627952	31.821582	1924.90	1844.76
4	GUIDE	306972472	9.18	18227	0.284	0.005	0.081	0.134	51.872030	30.721015	-2085.52	1425.27
5	GUIDE	306972576	8.70	18275	-0.099	-0.091	0.073	0.115	51.922068	31.396670	325.52	1072.90
6	GUIDE	306974976	9.63	18257	0.010	0.251	0.101	0.166	52.769116	31.792982	1546.76	-1627.27
7	GUIDE	307505520	9.27	18274	-0.067	-0.047	0.092	0.148	52.061709	31.914080	2147.93	495.66

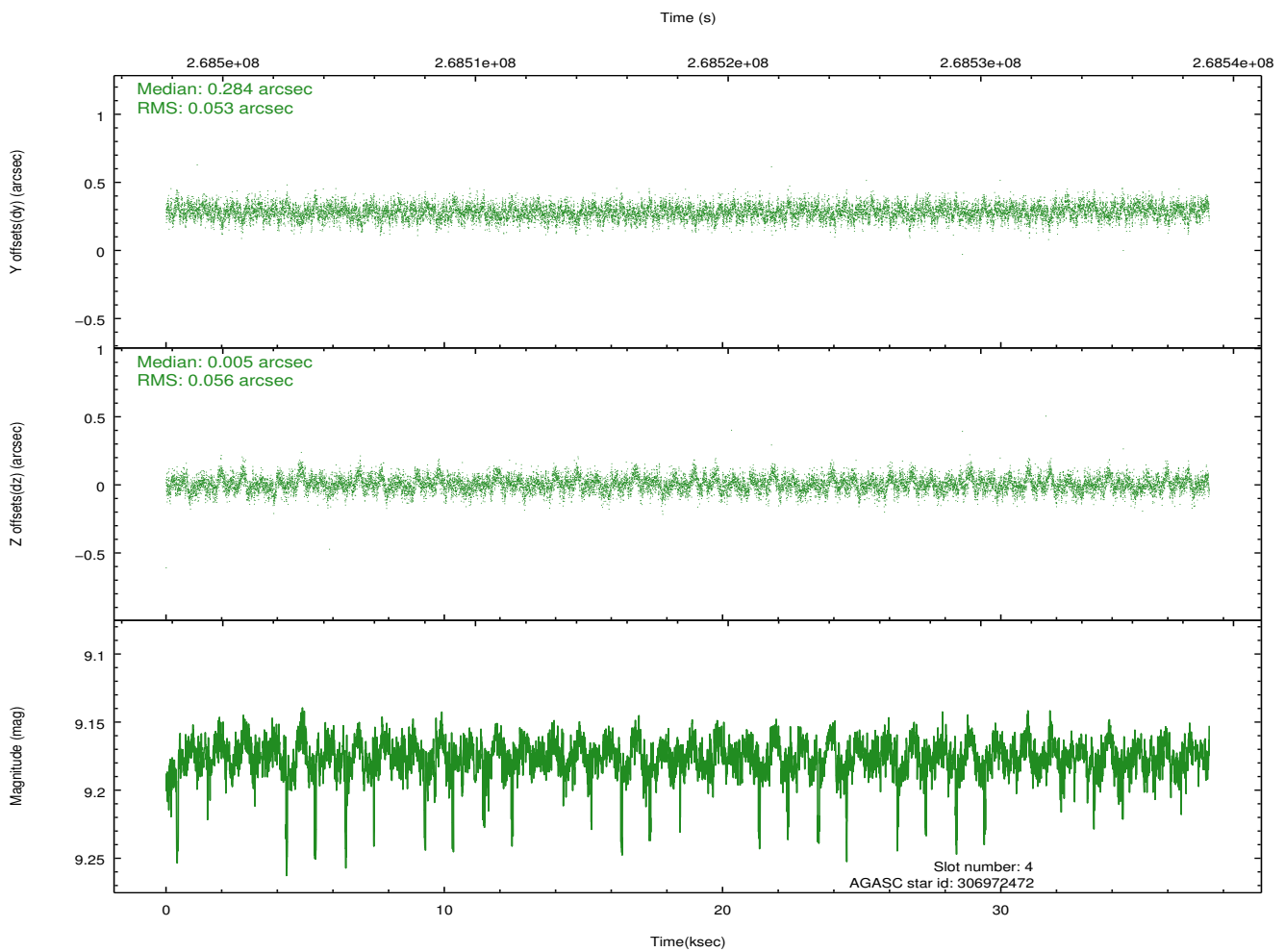
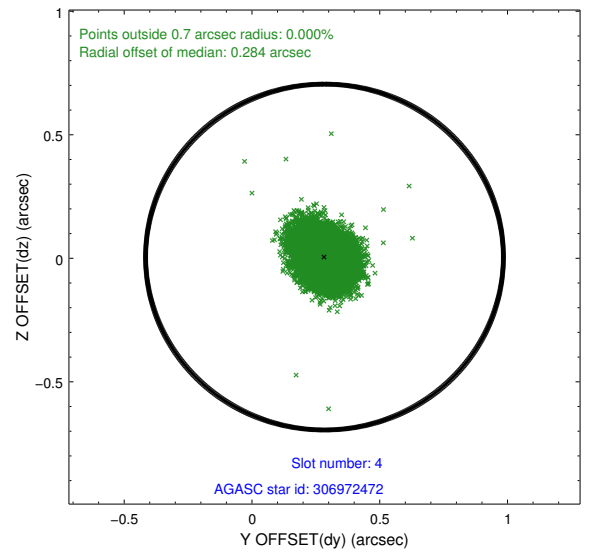
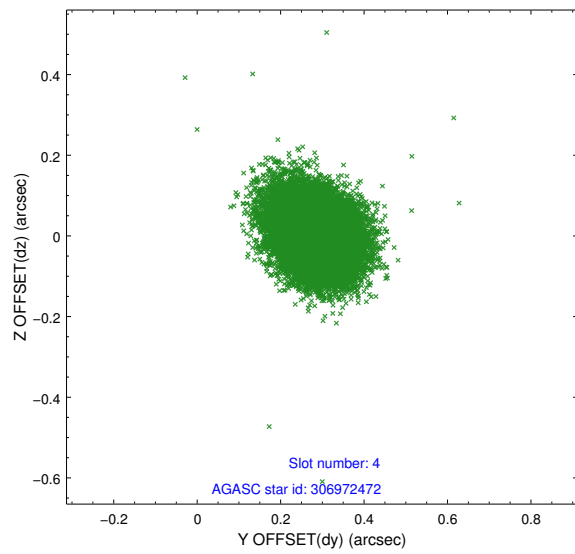
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2.4 Star Slots

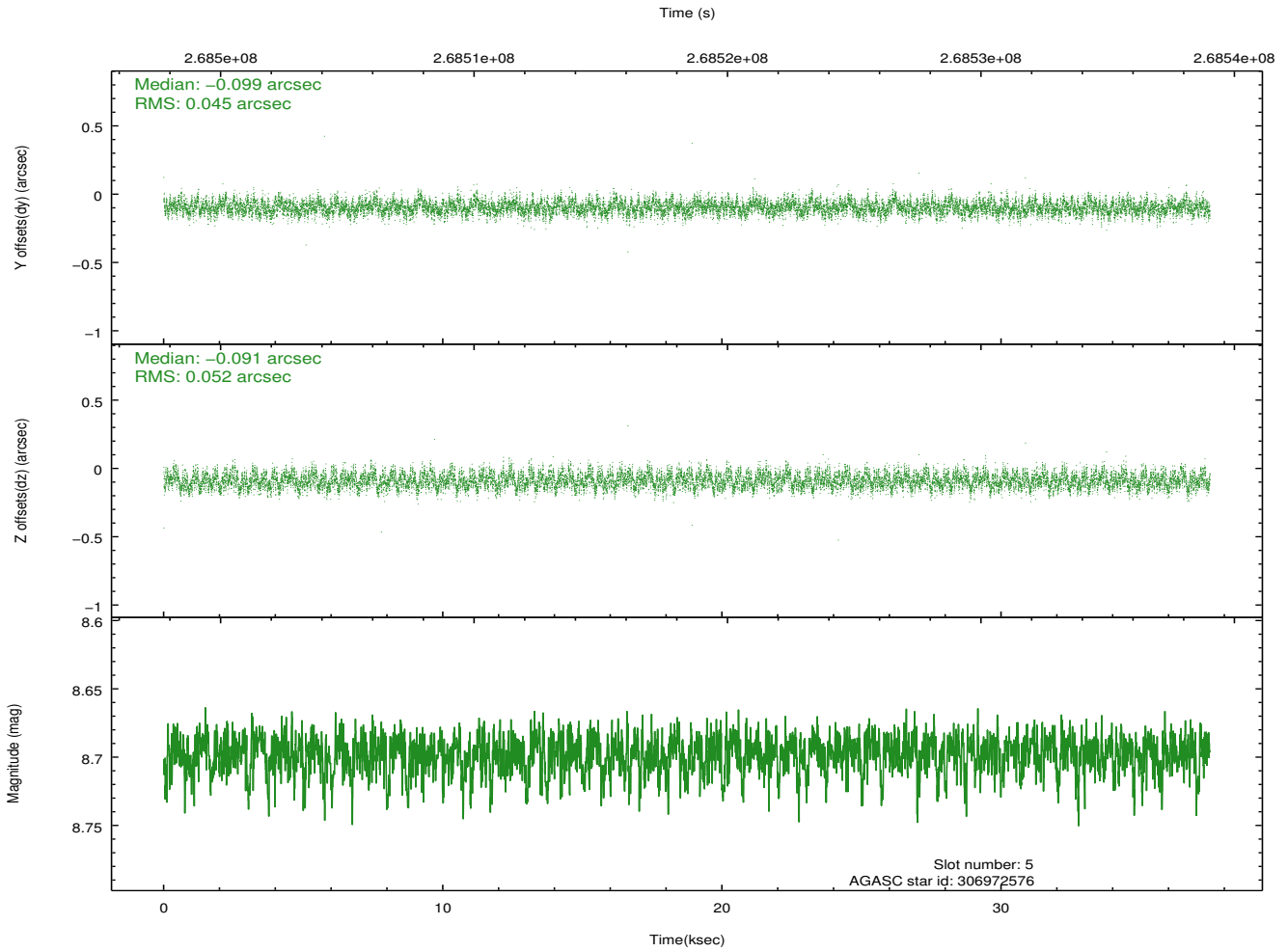
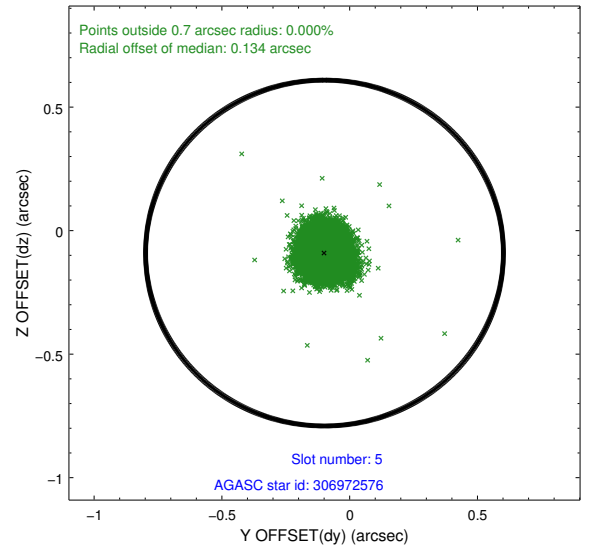
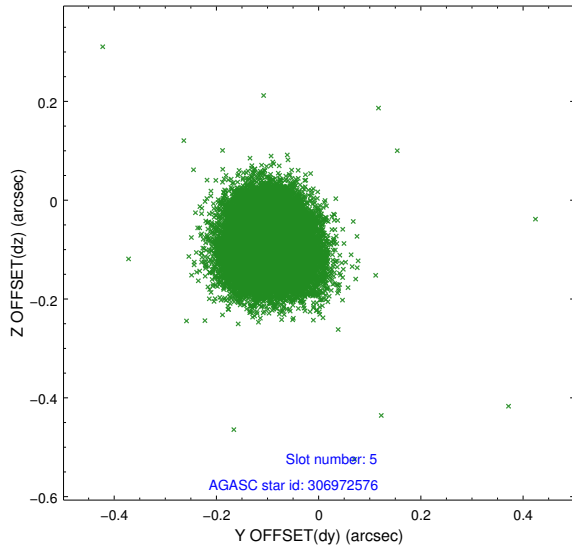
2.4.1 Slot 3



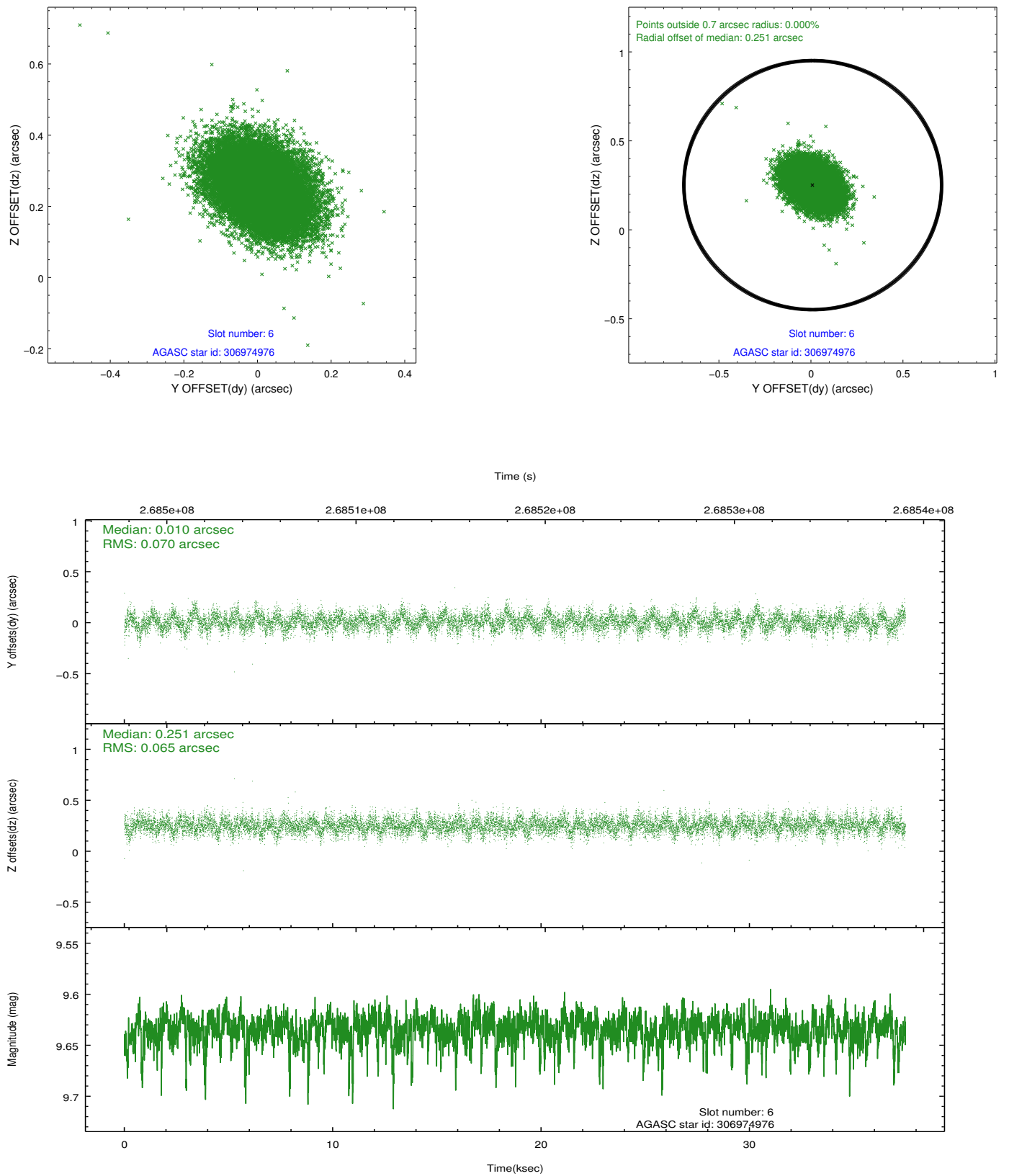
2.4.2 Slot 4



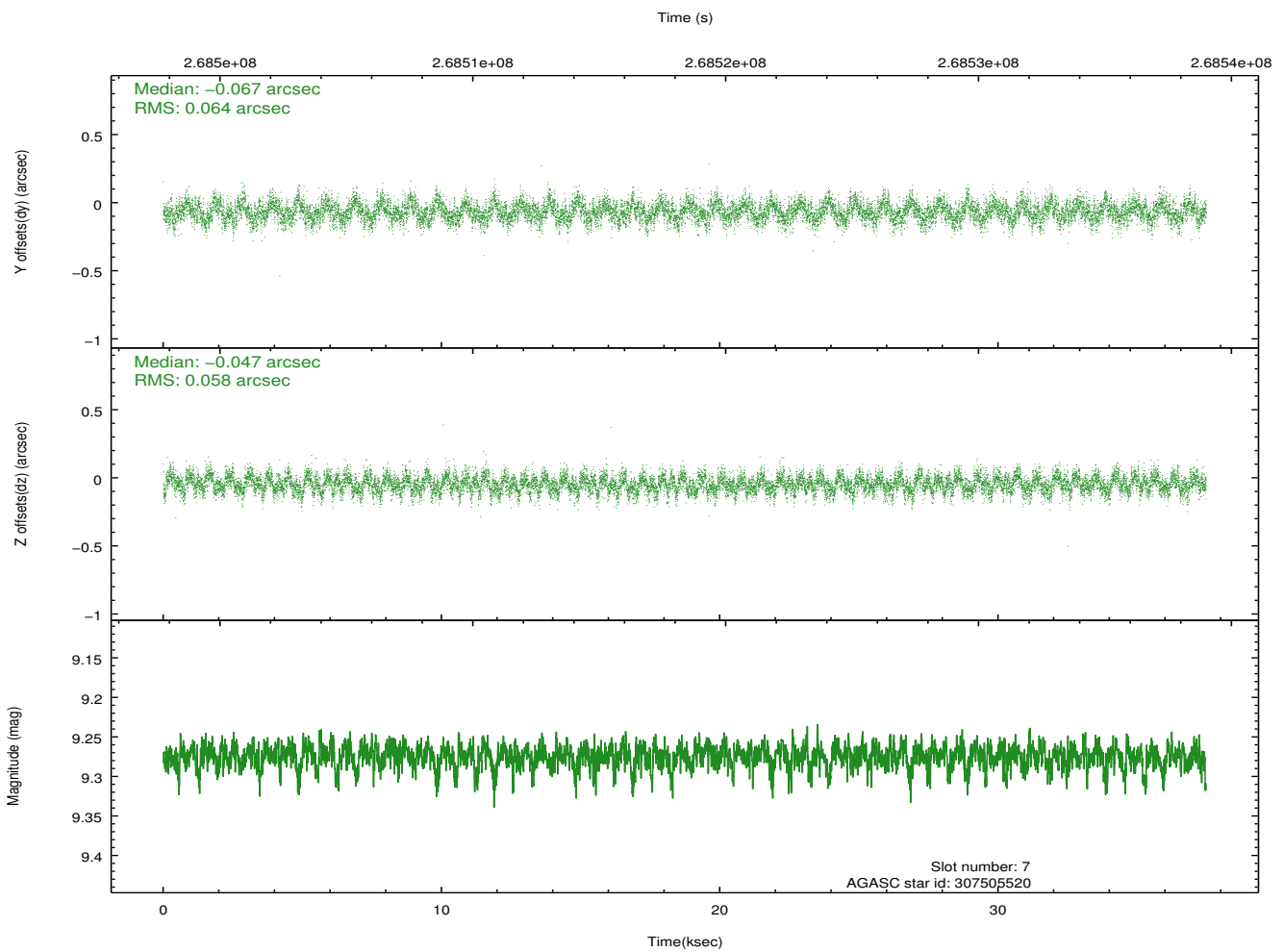
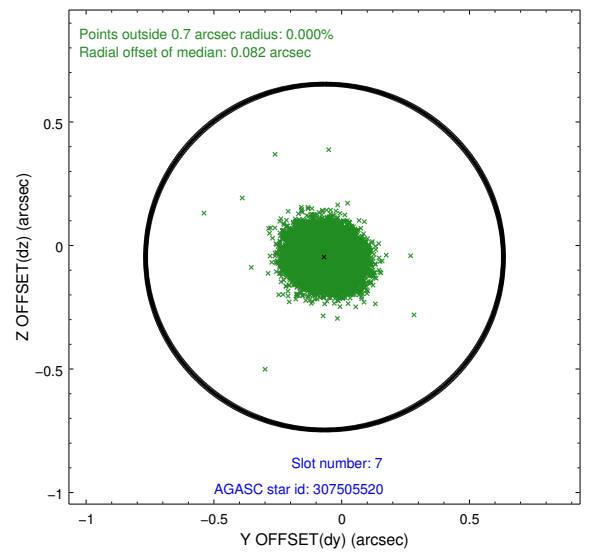
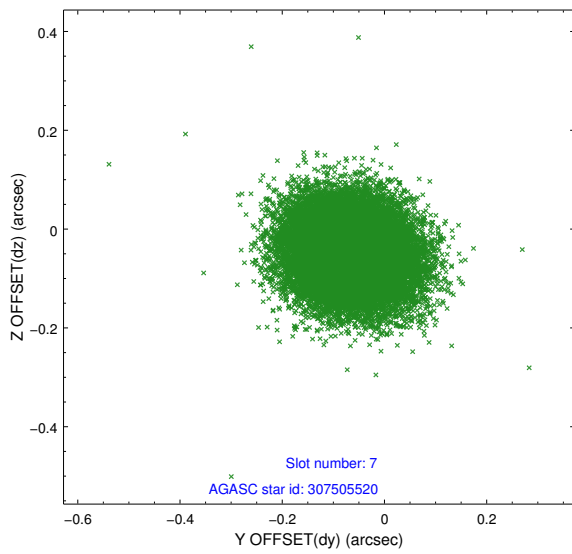
2.4.3 Slot 5



2.4.4 Slot 6

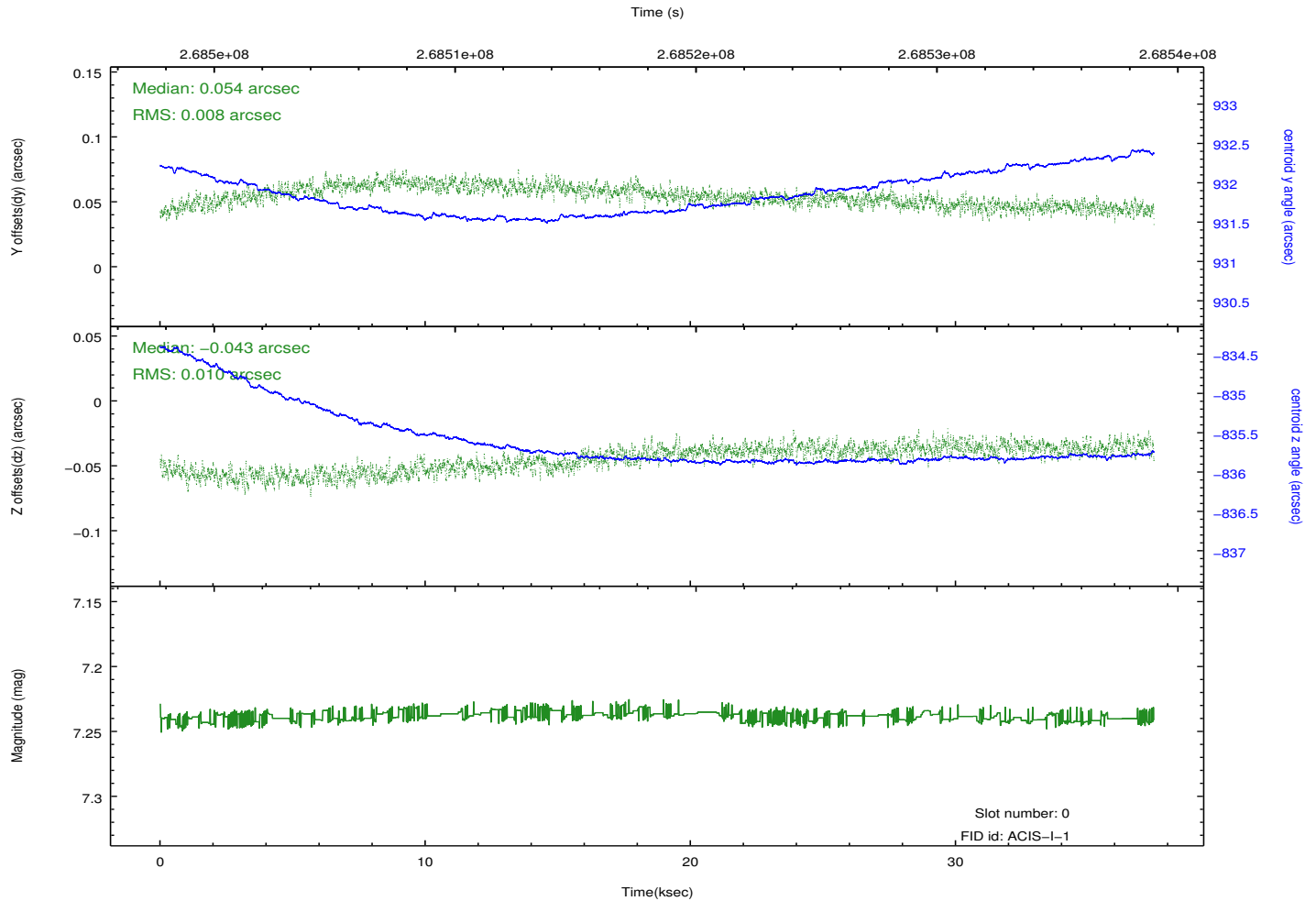
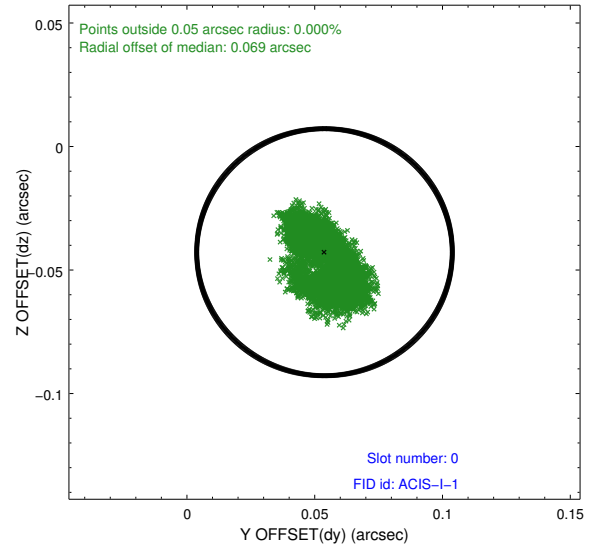
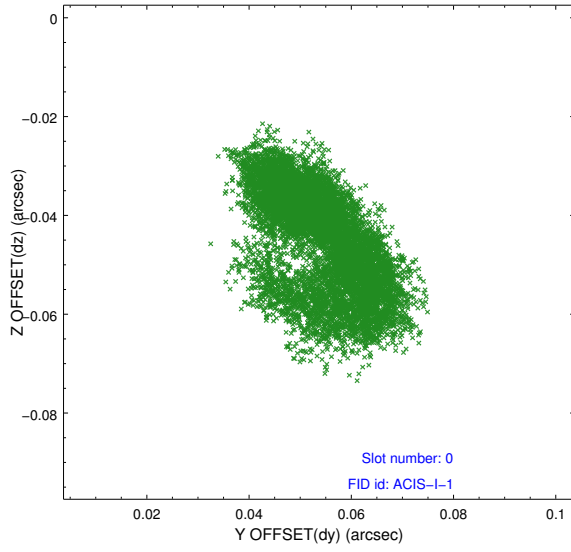


2.4.5 Slot 7

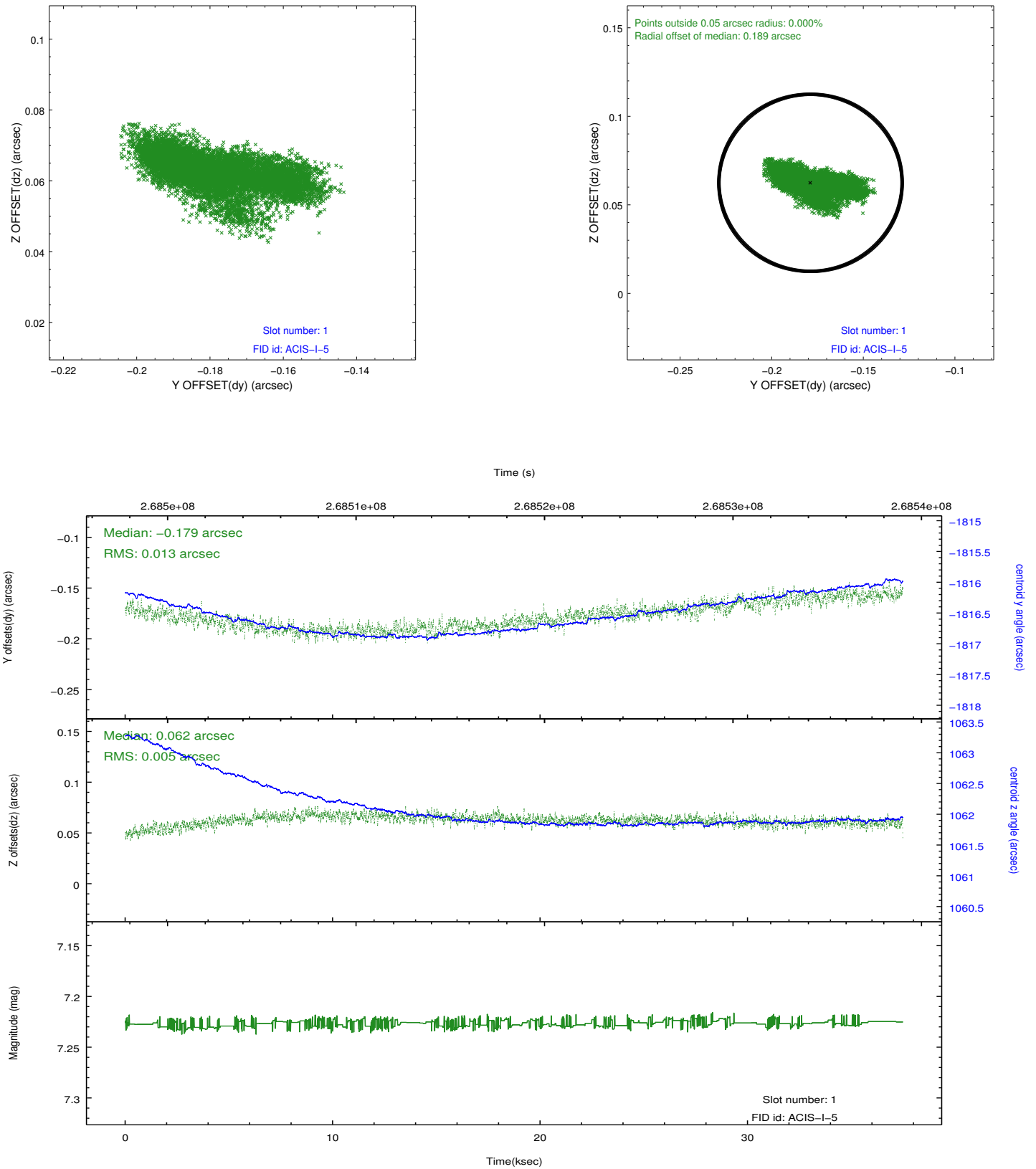


2.5 FID Slots

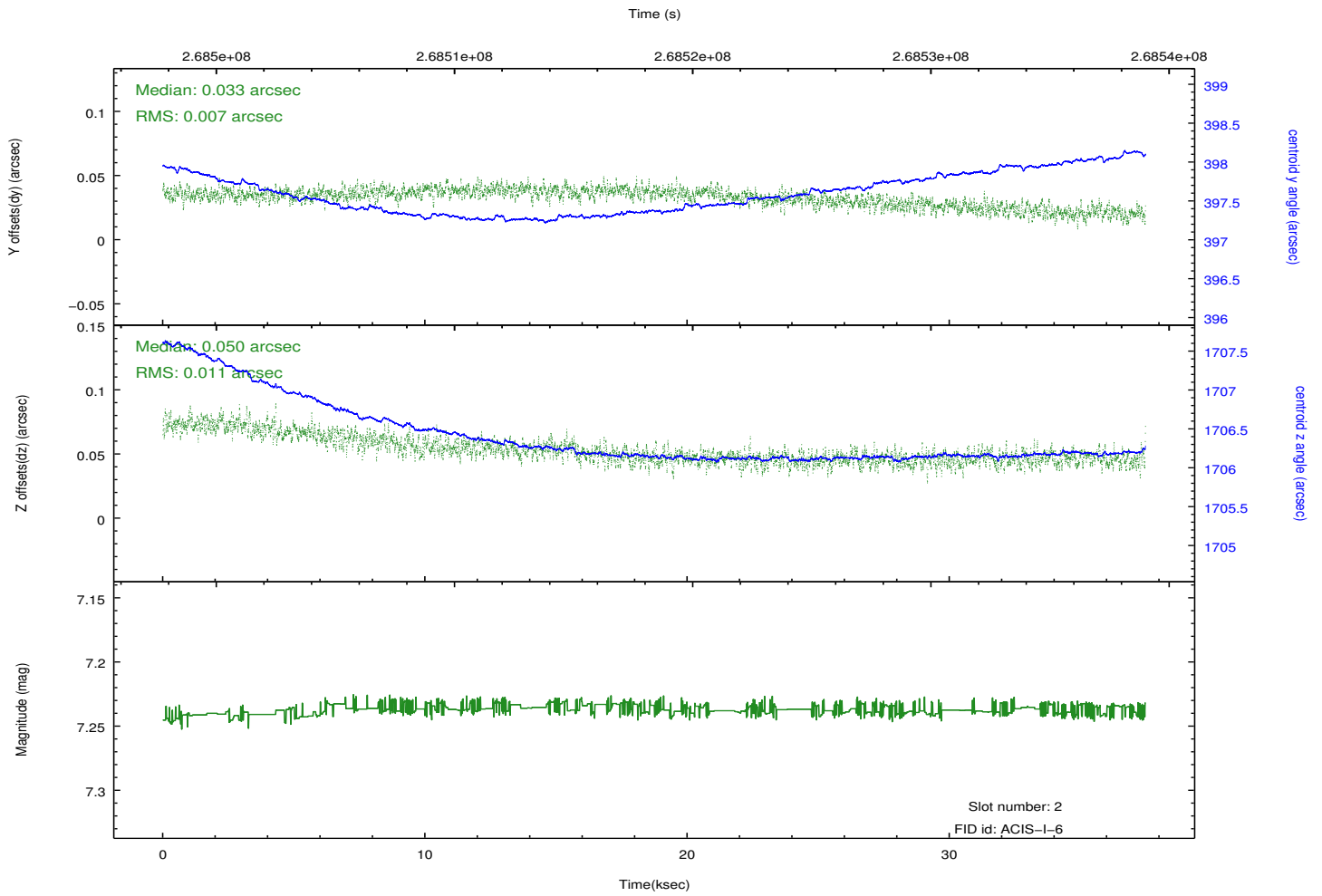
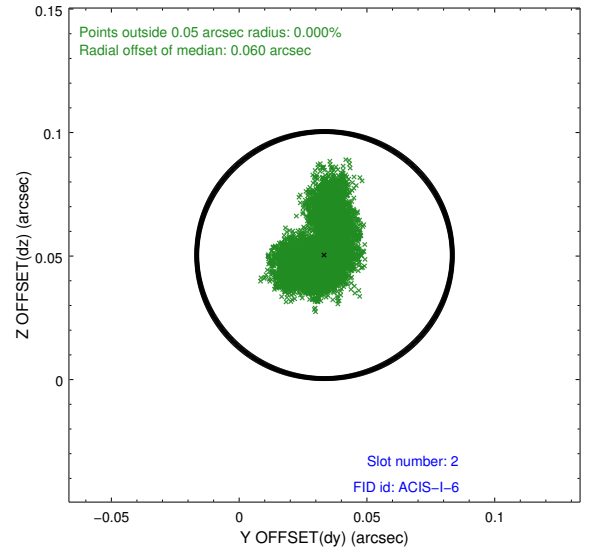
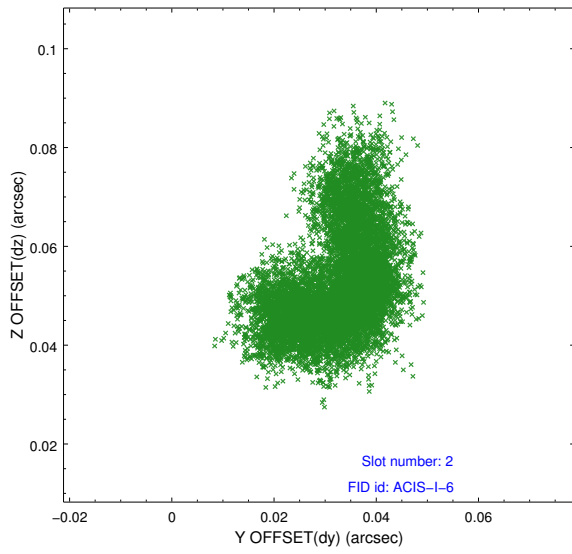
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.9535998

A.2 Comments