

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9615 - L2 Version 2
Chandra X-Ray Center

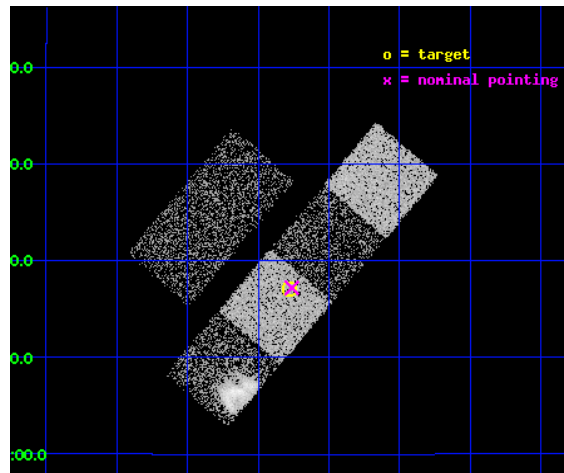
L2 Processing Date : May 16 2012

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1 Front

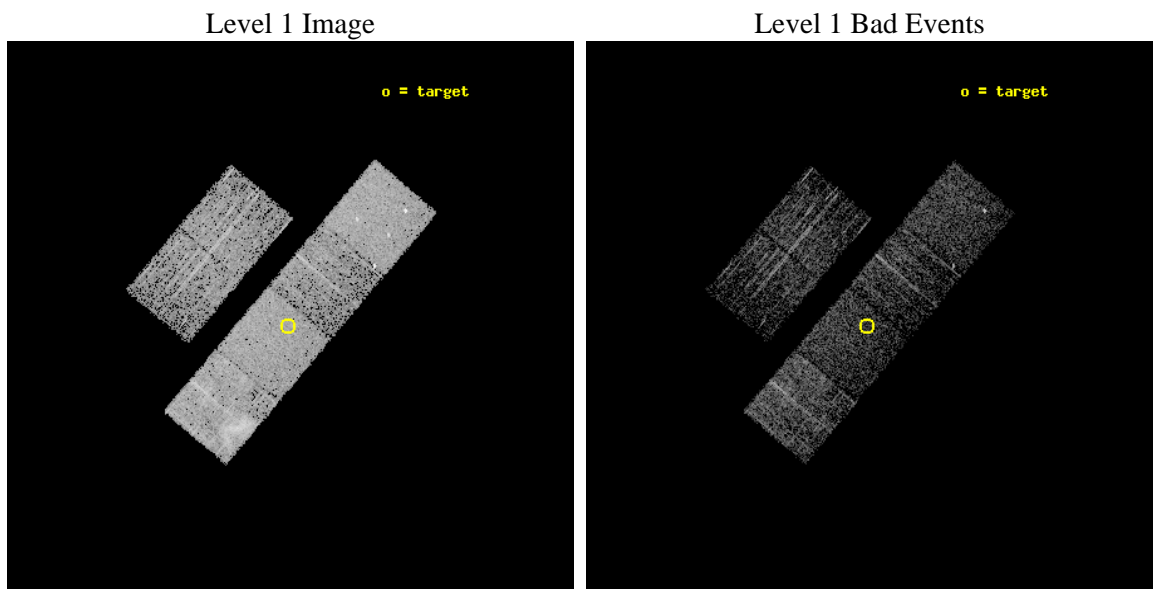
seq_num	900857	Sequence number
obs_id	9615	Observation id
title	GTO ChICAGO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J191046+0917	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	287.695	Observer's specified target RA [deg]
dec_targ	9.285	Observer's specified target Dec [deg]
ra_nom	287.69033893872	Nominal RA [deg]
dec_nom	9.2864526817733	Nominal Dec [deg]
roll_nom	130.23286084272	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1654.2923300862	Sum of GTIs [s]
livetime	1633.3446845074	Livetime [s]
ontime2	1654.3333700895	Sum of GTIs [s]
ontime3	1654.1692100763	Sum of GTIs [s]
ontime5	1654.2512900829	Sum of GTIs [s]
ontime6	1654.2102301717	Sum of GTIs [s]
ontime7	1654.2923300862	Sum of GTIs [s]
ontime8	1650.8870902061	Sum of GTIs [s]
l2events	30404	Number of level 2 events



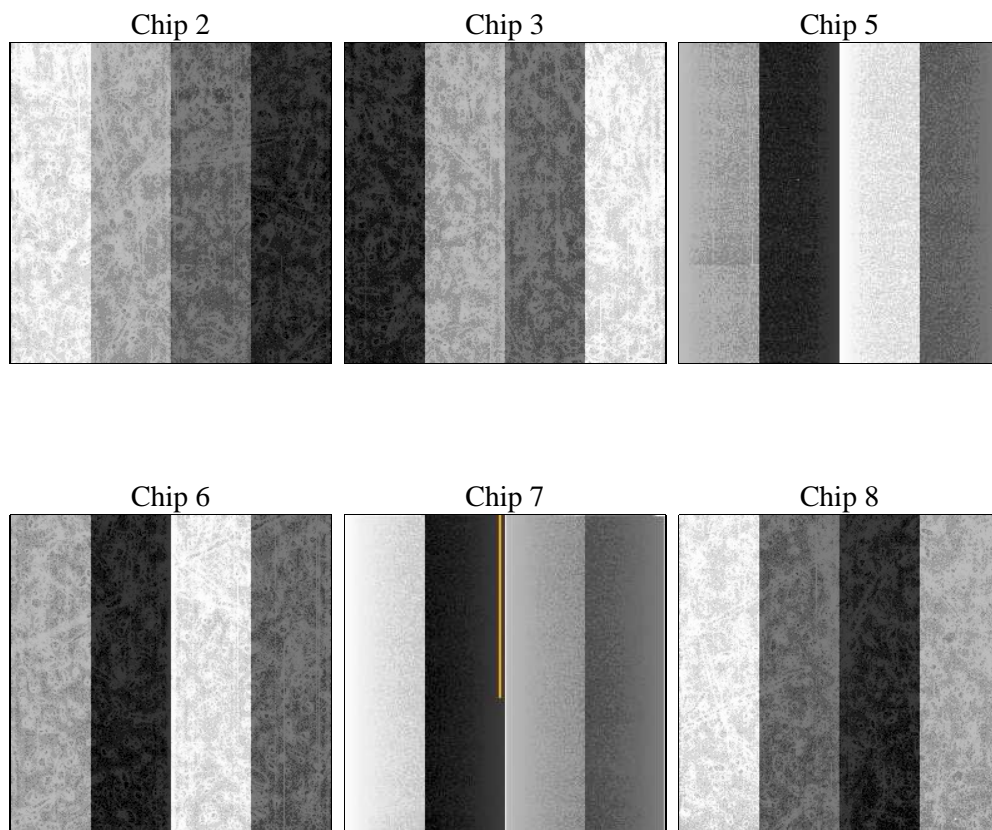
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1654.2923300862	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1654.3333700895	Sum of GTIs [s]
date	2012-05-16T02:40:21	Date and time of file creation	ontime3	1654.1692100763	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1654.2512900829	Sum of GTIs [s]
			ontime6	1654.2102301717	Sum of GTIs [s]
			ontime7	1654.2923300862	Sum of GTIs [s]
			ontime8	1650.8870902061	Sum of GTIs [s]
			l1events	121165	Number of level 1 events

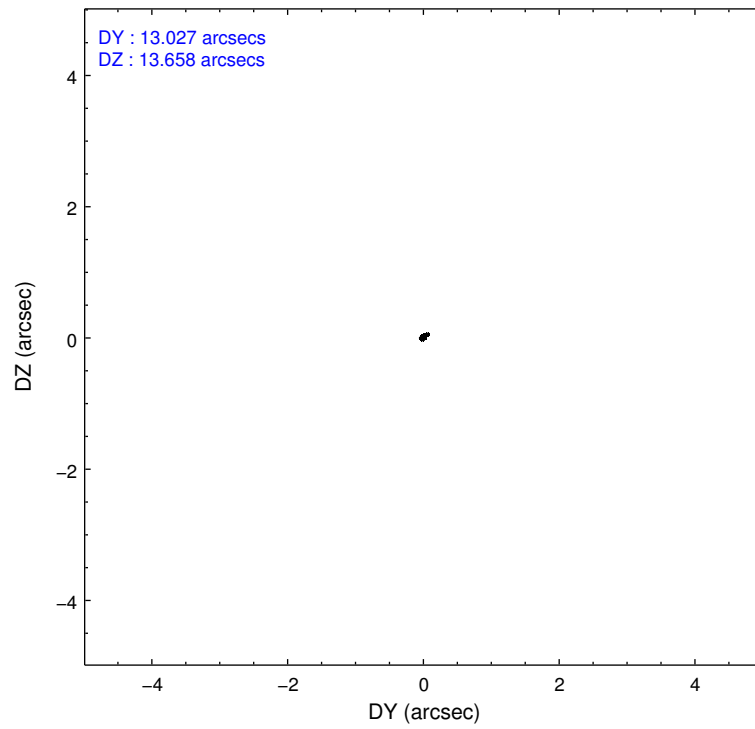
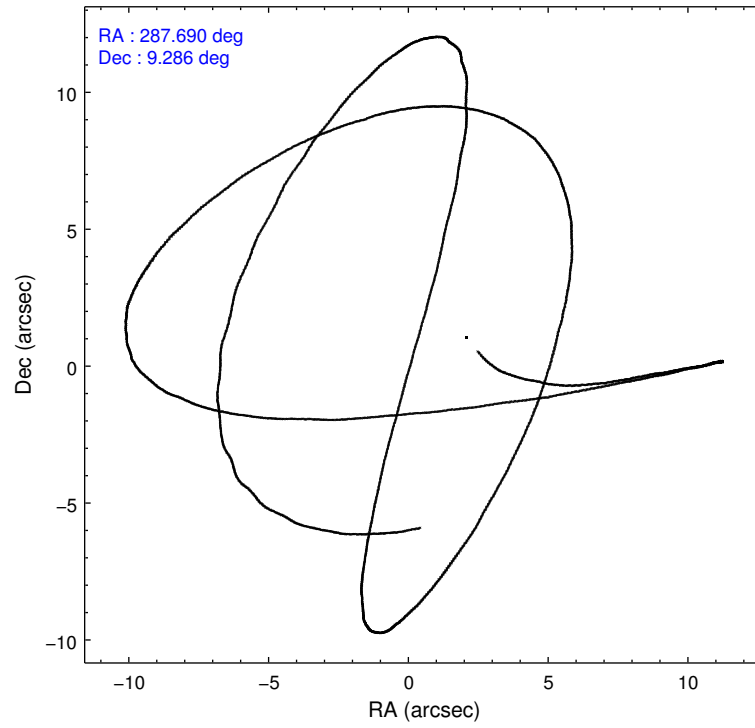
2.1.4 Events

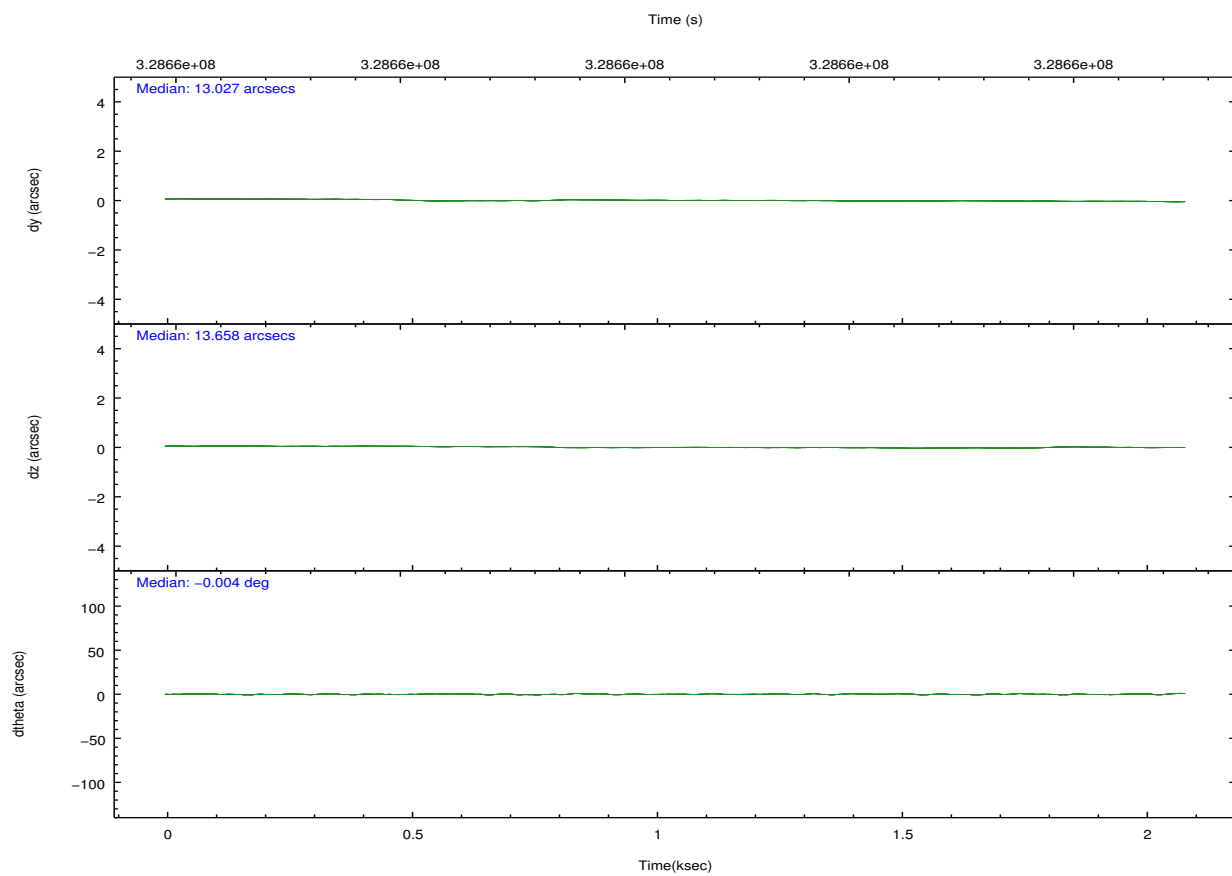
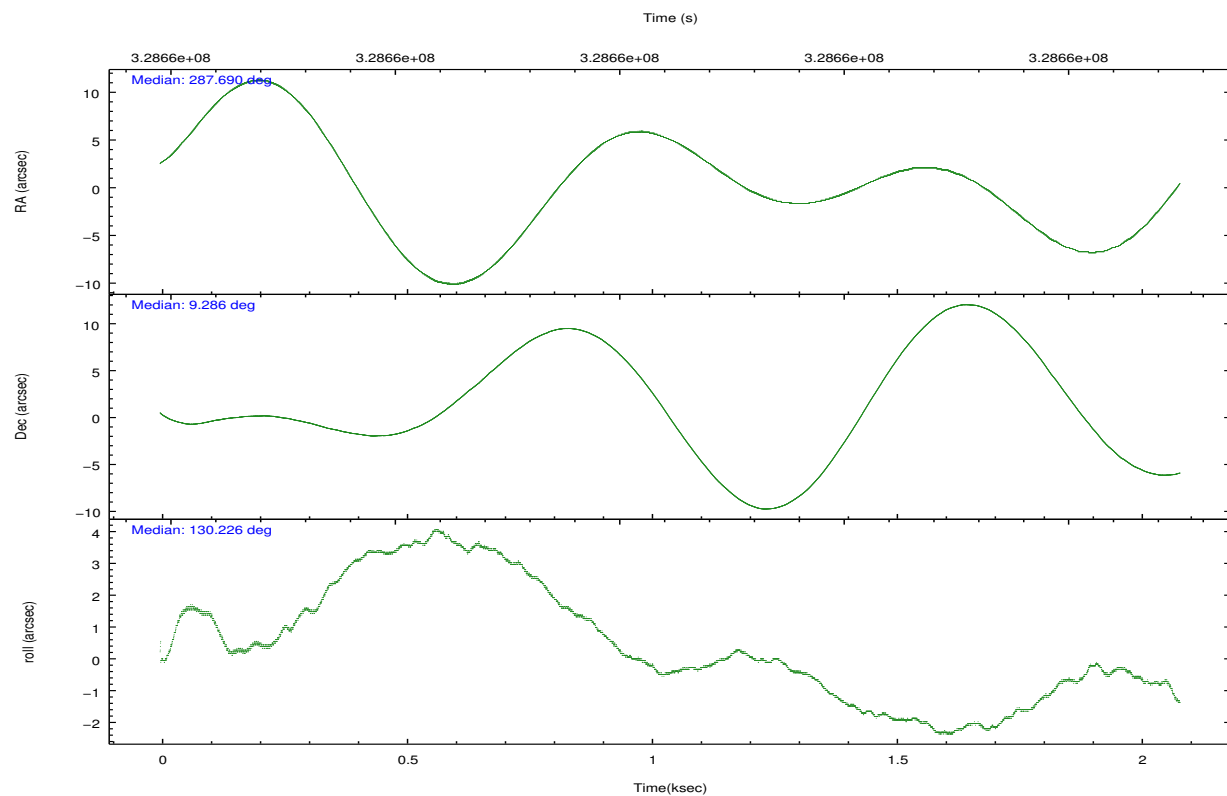
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	16302	13813	25230	14996	21982	28842	grade 0 events	834	785	1146	719	778	4921
rejected events	14412	12007	13602	13096	12674	19677		5%	5%	4%	4%	3%	17%
rejected %	88%	86%	53%	87%	57%	68%	grade 1 events	6	8	71	8	26	73
								0%	0%	0%	0%	0%	0%
							grade 2 events	400	355	3577	414	1874	1539
								2%	2%	14%	2%	8%	5%
							grade 3 events	163	176	389	198	796	729
								0%	1%	1%	1%	3%	2%
							grade 4 events	173	186	435	180	807	684
								1%	1%	1%	1%	3%	2%
							grade 5 events	621	708	1789	752	2011	959
								3%	5%	7%	5%	9%	3%
							grade 6 events	326	314	6125	397	5086	1337
								1%	2%	24%	2%	23%	4%
							grade 7 events	13779	11281	11698	12328	10604	18600
								84%	81%	46%	82%	48%	64%

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	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	287.716524	287.6903389387192	CCD I2 on	O2	Y
[deg] Pointing Dec	9.277611	9.286452681773271	CCD I3 on	O3	Y
[deg] Pointing Roll	130.072012	130.2328608427157	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O1	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	O4	Y
[s] Observation start time (MET)	328663250.184000	328662518.77874	CCD S5 on	N	N
Observation start date	2008-05-31T23:19:45	2008-05-31T23:08:38	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	328665150.184000	328666503.97894	On-chip summing requested	N	N
Observation end date	2008-05-31T23:51:25	2008-06-01T00:15:03	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



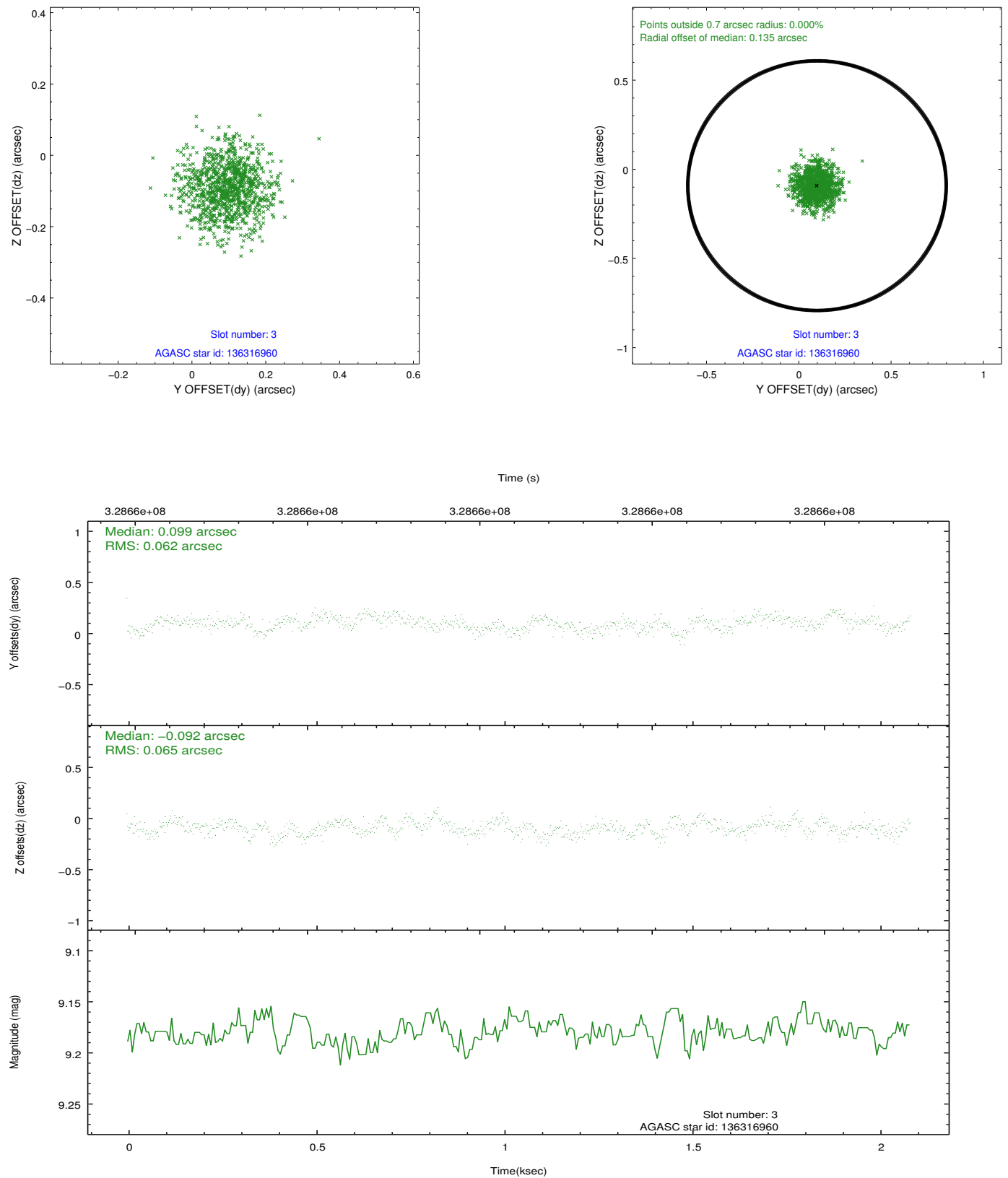


Slot Statistics

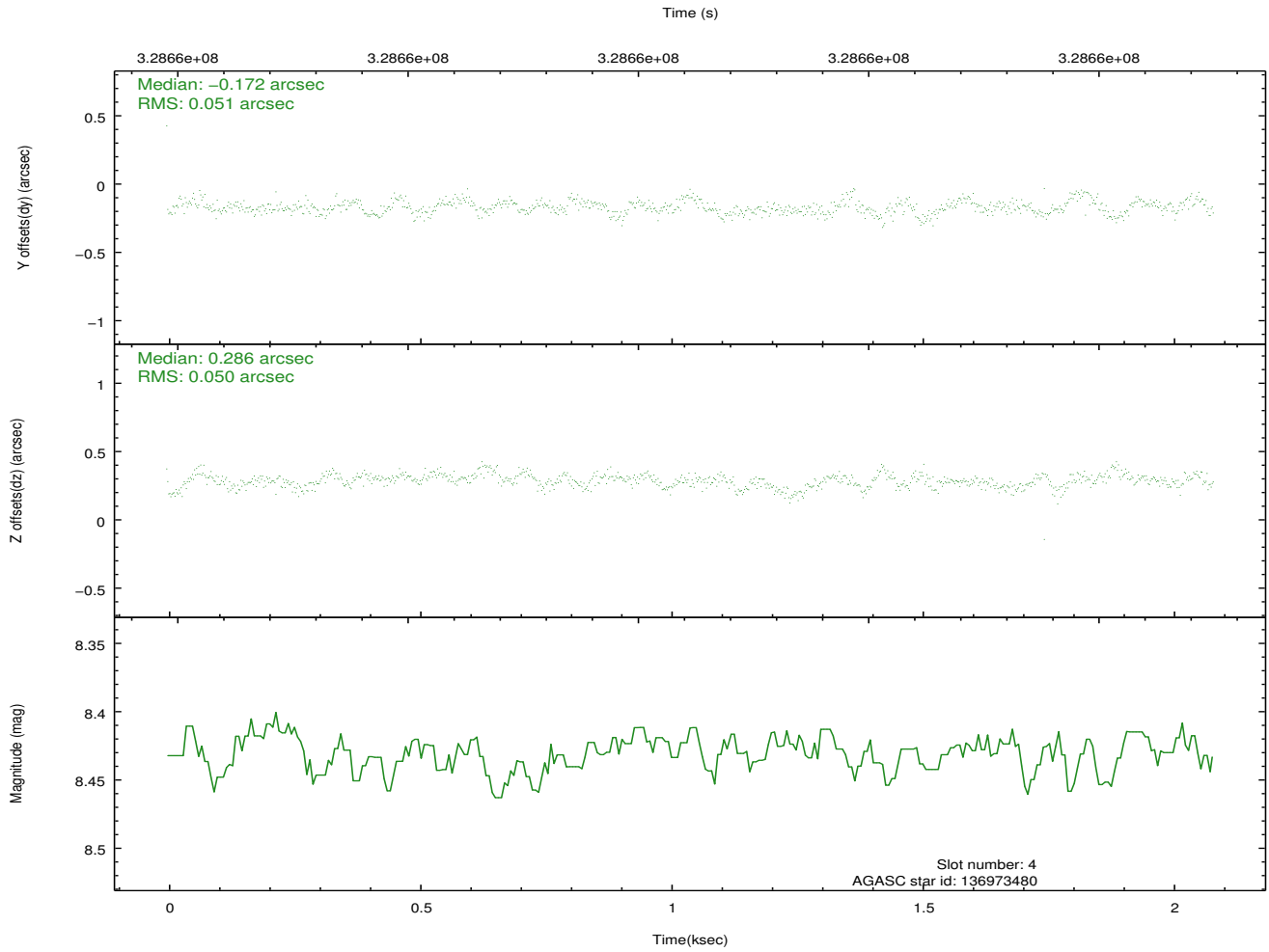
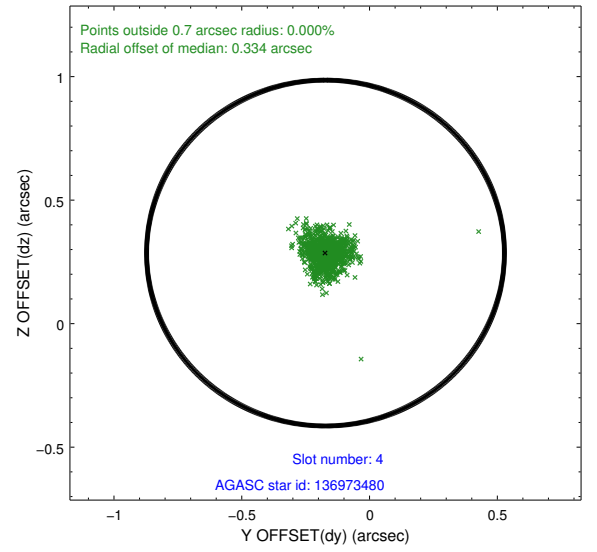
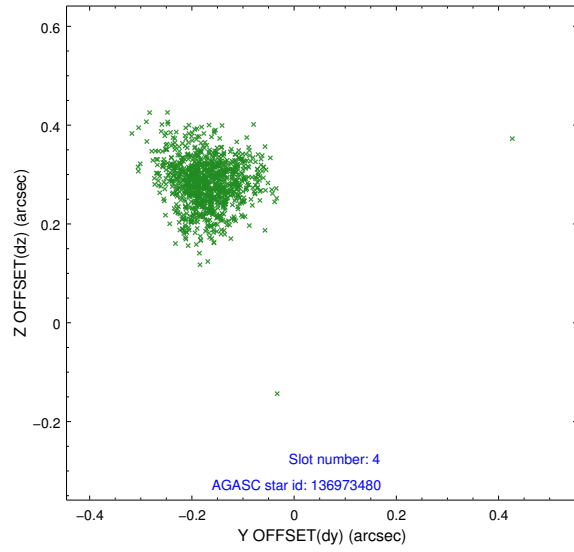
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	508	-0.034	-0.043	0.007	0.011	0.000000	0.000000	-765.99	-1735.00
1	FID	ACIS-S-4	6.98	508	0.157	0.028	0.006	0.010	0.000000	0.000000	2146.05	170.29
2	FID	ACIS-S-5	7.01	508	-0.154	0.024	0.006	0.011	0.000000	0.000000	-1814.92	167.54
3	GUIDE	136316960	9.18	1017	0.099	-0.092	0.096	0.150	287.104881	9.133555	1004.36	1996.41
4	GUIDE	136973480	8.43	1016	-0.172	0.286	0.071	0.117	287.924725	9.951688	1383.41	-2124.78
5	GUIDE	136979696	9.39	1017	0.017	0.095	0.106	0.168	287.607746	9.703592	1423.84	-693.84
6	GUIDE	136316696	7.89	1017	-0.035	-0.120	0.072	0.111	287.190166	9.367792	1455.04	1220.46
7	GUIDE	136451040	7.20	1016	0.098	-0.166	0.052	0.084	287.806788	8.498975	-2350.21	1559.43

2.4 Star Slots

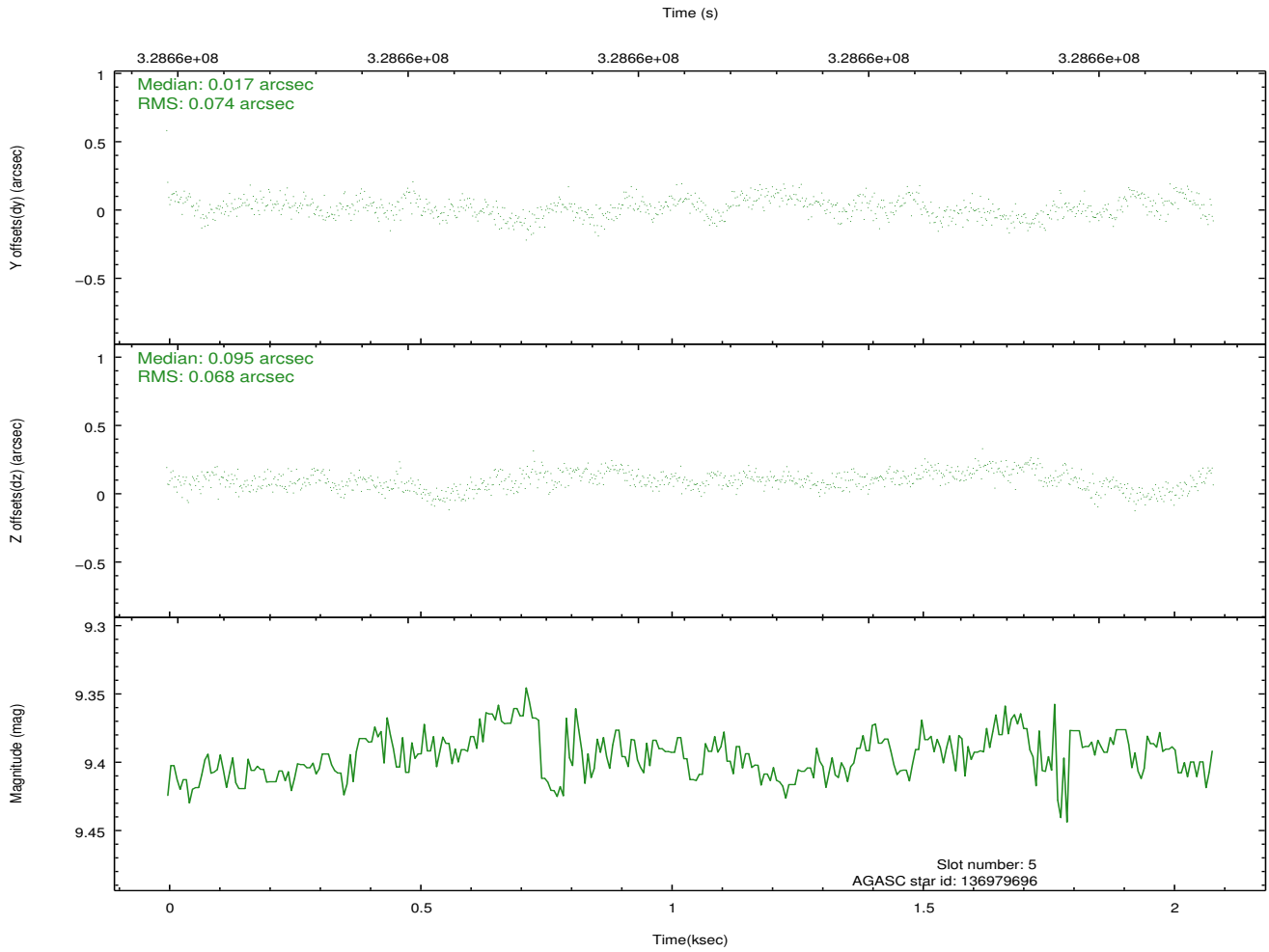
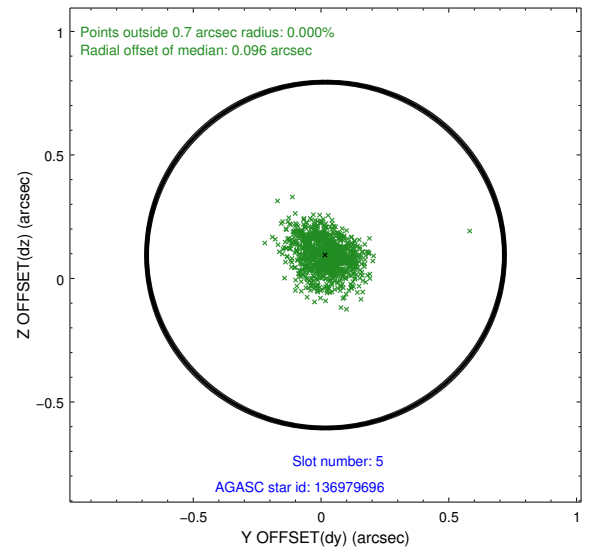
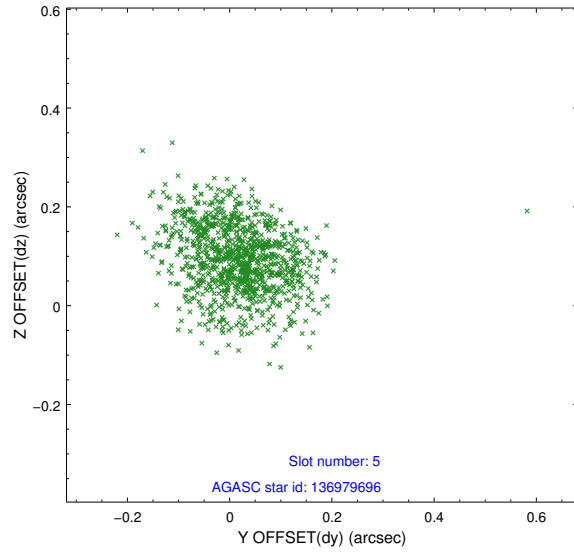
2.4.1 Slot 3



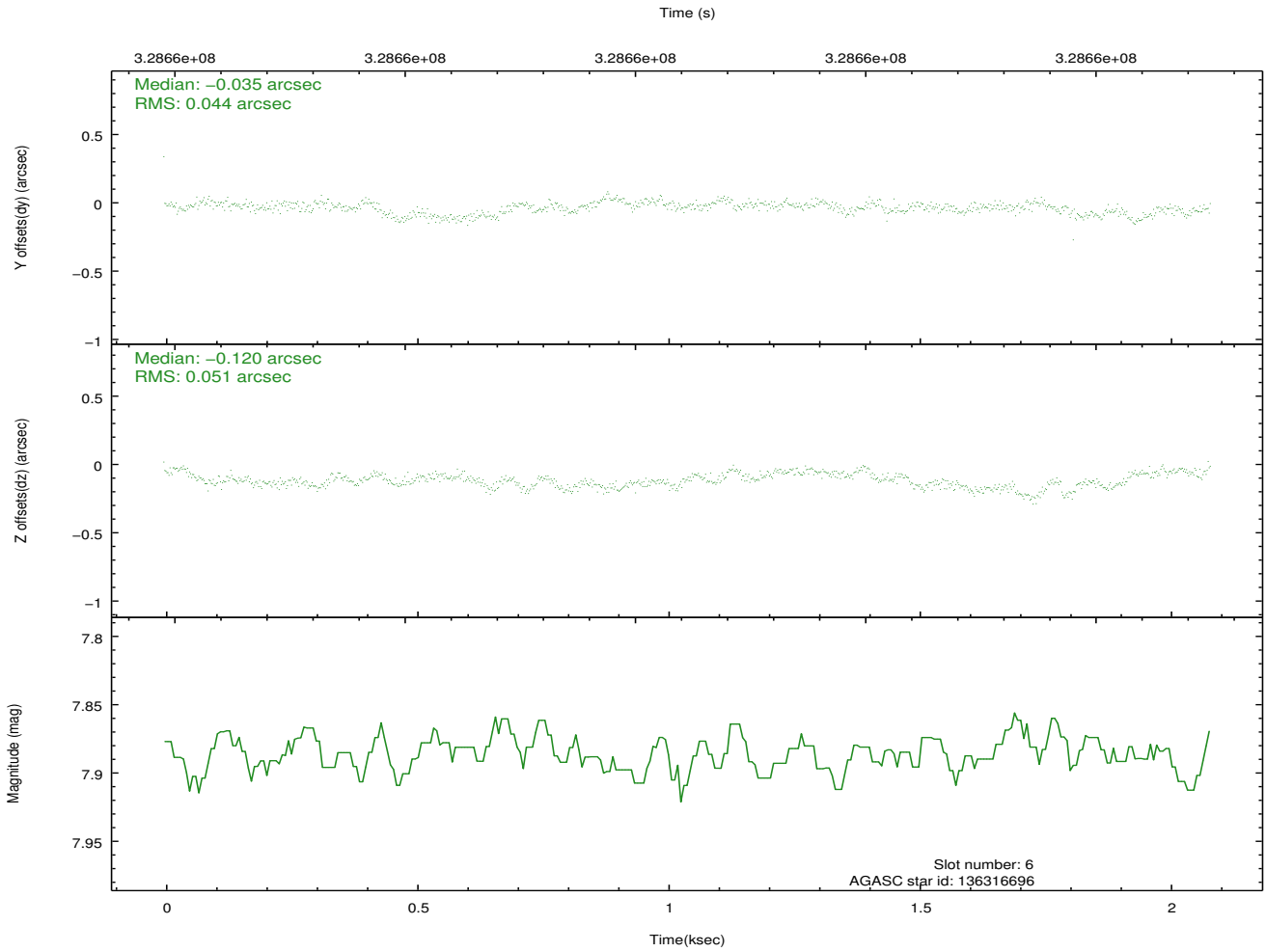
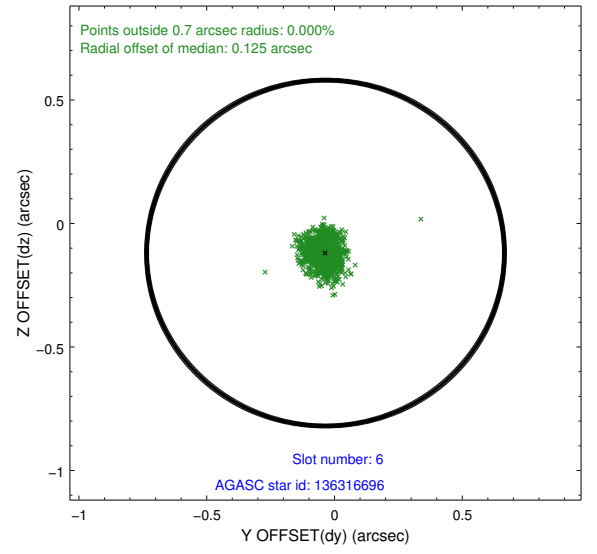
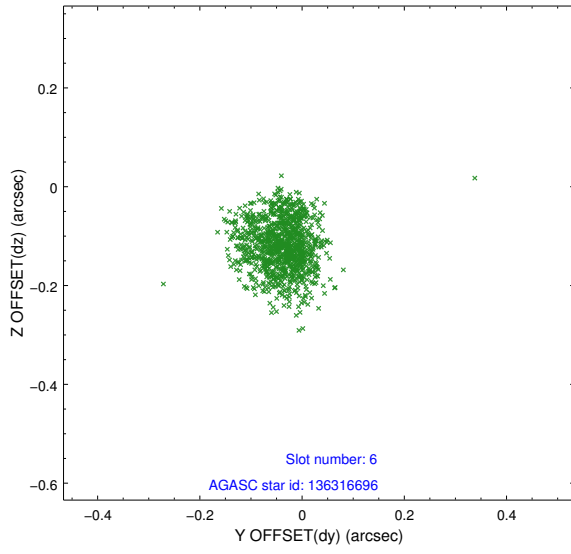
2.4.2 Slot 4



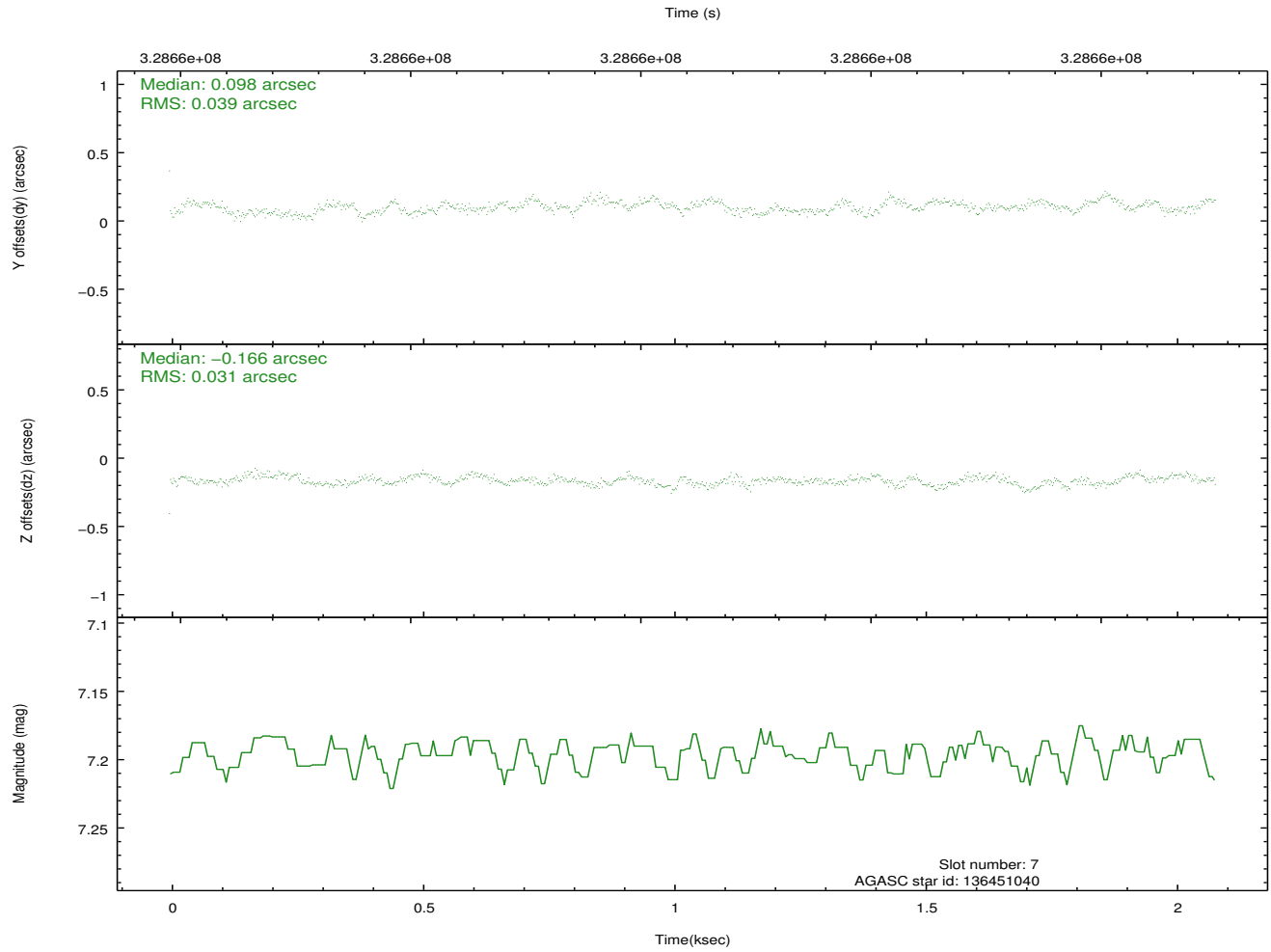
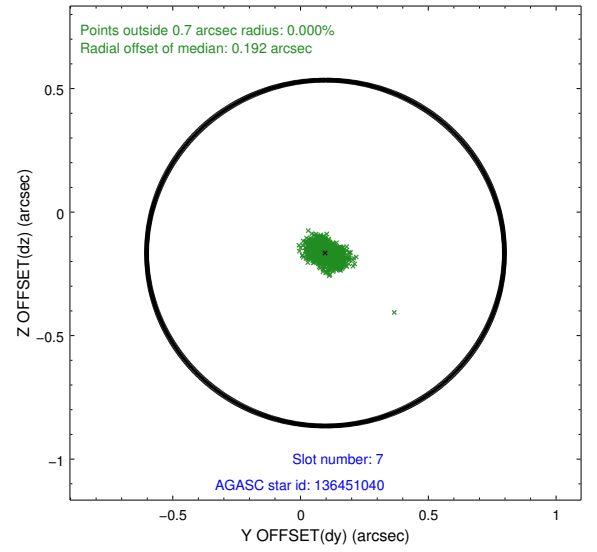
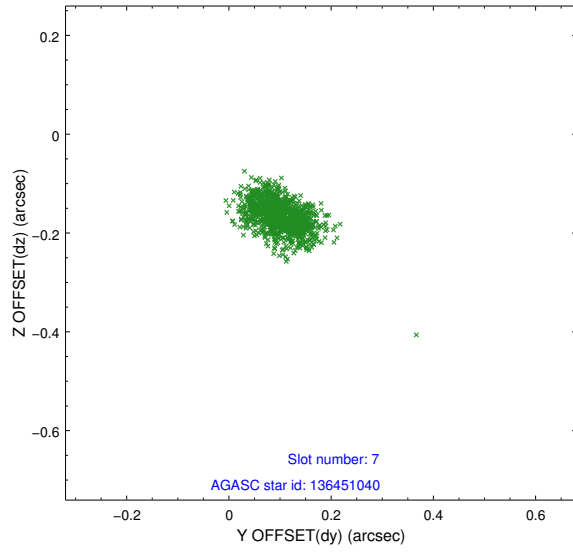
2.4.3 Slot 5



2.4.4 Slot 6

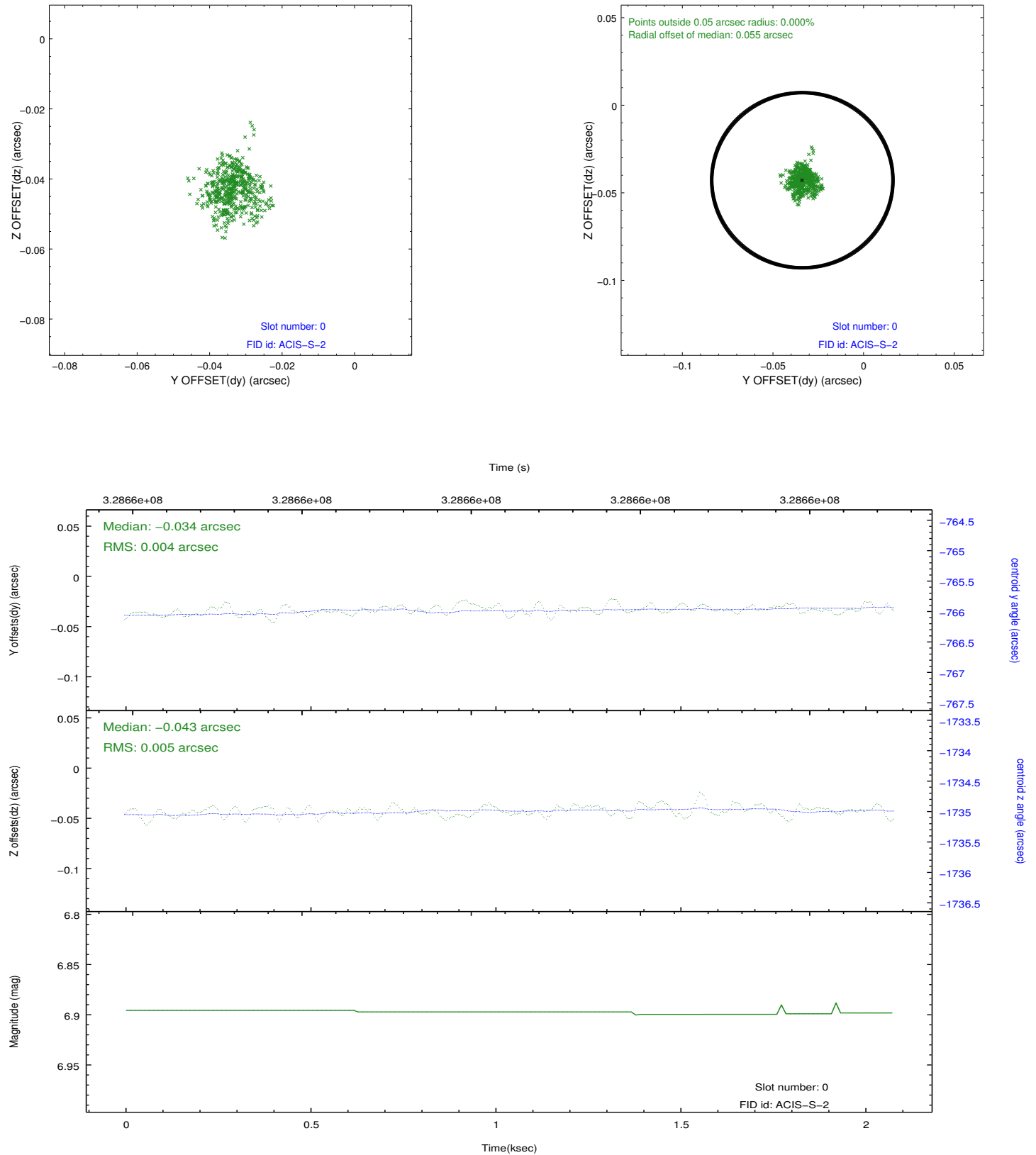


2.4.5 Slot 7

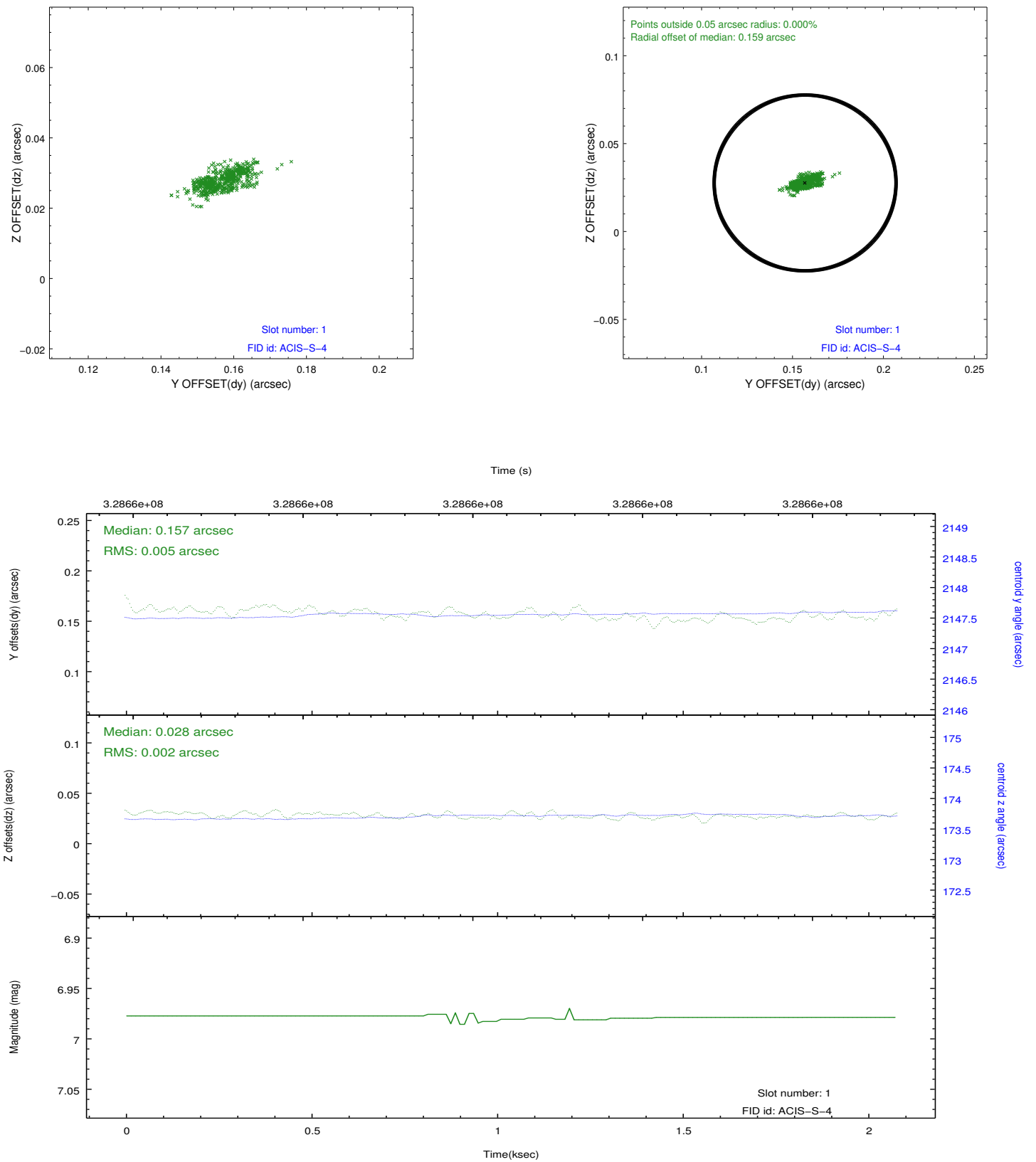


2.5 FID Slots

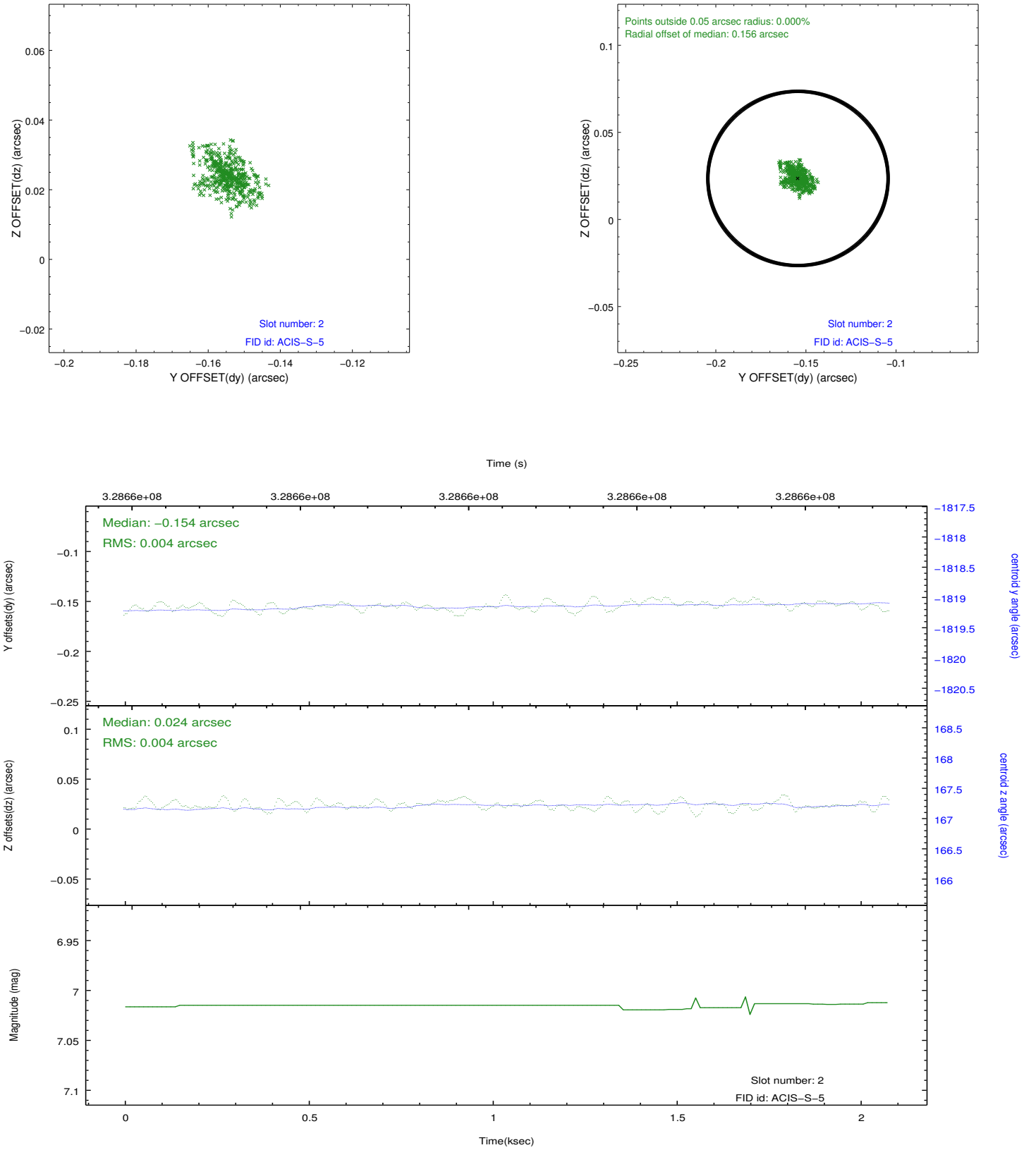
2.5.1 Slot 0



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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.65439999

A.2 Comments