

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9608 - L2 Version 2
Chandra X-Ray Center

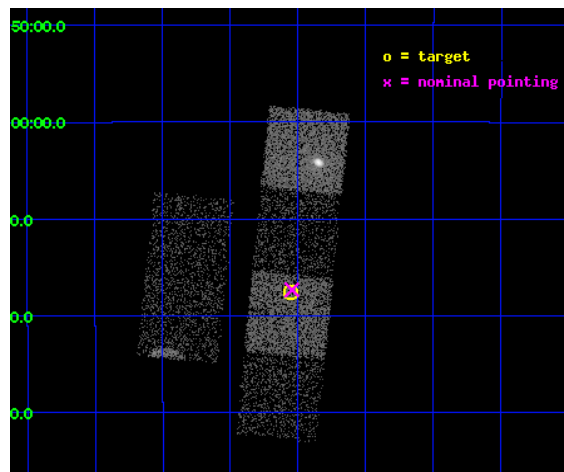
L2 Processing Date : May 14 2012

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

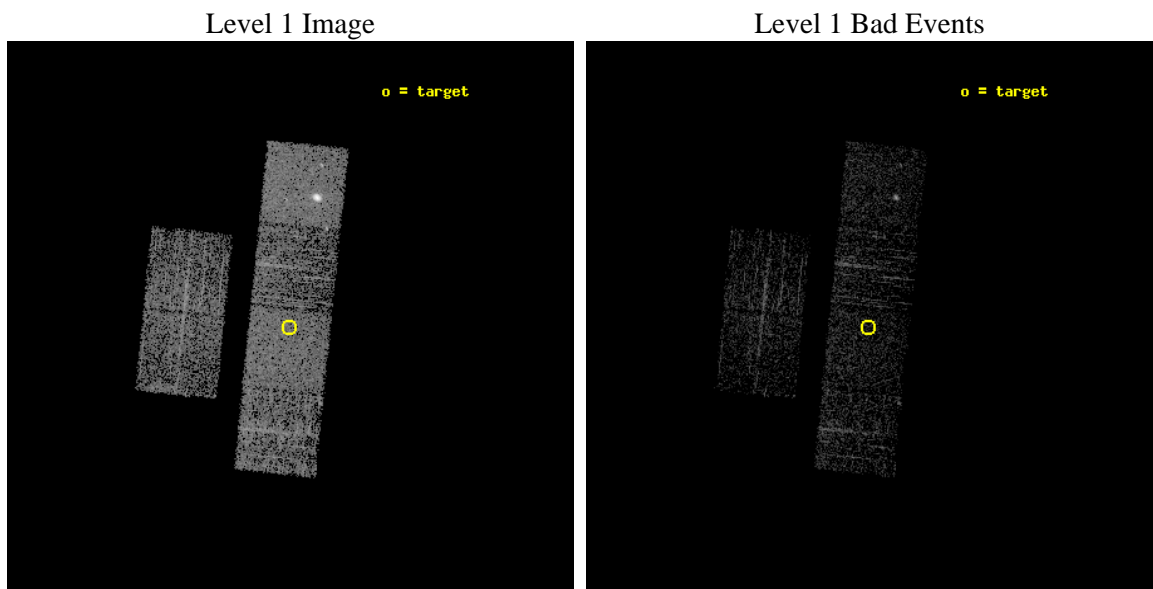
seq_num	900850	Sequence number
obs_id	9608	Observation id
title	GTO ChICAGO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J181033-1917	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	272.639167	Observer's specified target RA [deg]
dec_targ	-19.293	Observer's specified target Dec [deg]
ra_nom	272.6361443655	Nominal RA [deg]
dec_nom	-19.289046841806	Nominal Dec [deg]
roll_nom	95.86753508918	Nominal Roll [deg]
revision	2	Processing version of data
ontime	955.76632094383	Sum of GTIs [s]
livetime	943.66383229466	Livetime [s]
ontime2	955.80736094713	Sum of GTIs [s]
ontime3	955.64320093393	Sum of GTIs [s]
ontime5	955.72528094053	Sum of GTIs [s]
ontime6	955.68424093723	Sum of GTIs [s]
ontime7	955.76632094383	Sum of GTIs [s]
ontime8	955.60216093063	Sum of GTIs [s]
l2events	21695	Number of level 2 events



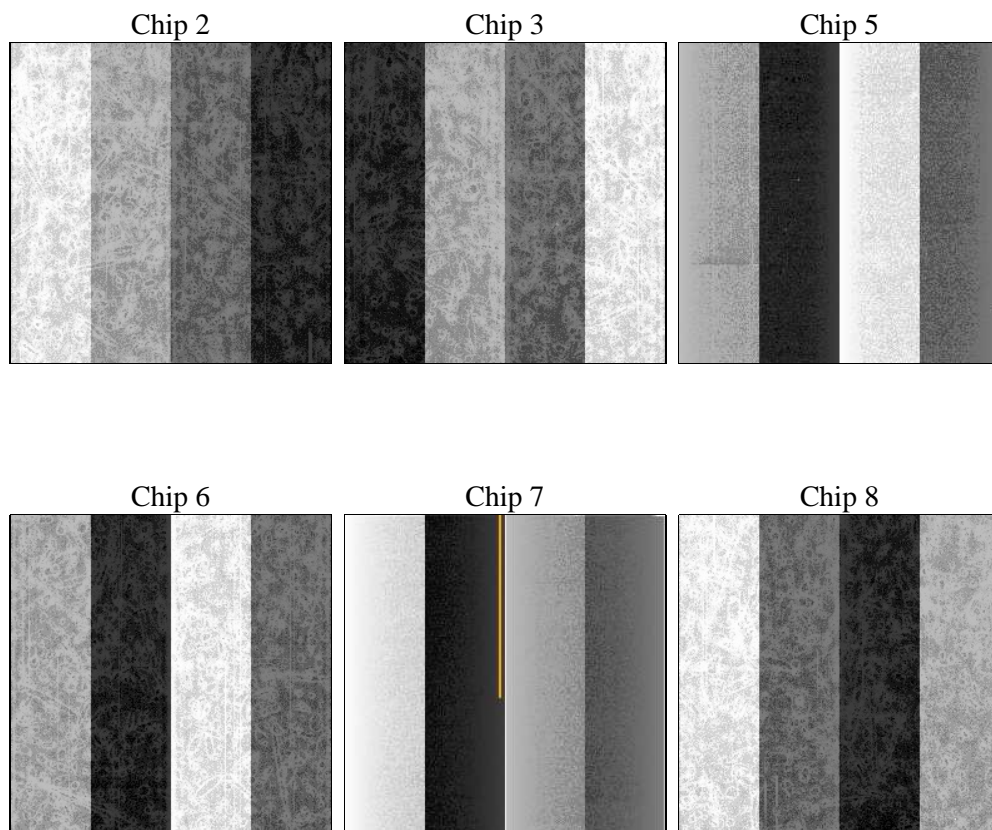
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	1001.691000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	955.76632094383	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	955.80736094713	Sum of GTIs [s]
date	2012-05-14T20:41:05	Date and time of file creation	ontime3	955.64320093393	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	955.72528094053	Sum of GTIs [s]
			ontime6	955.68424093723	Sum of GTIs [s]
			ontime7	955.76632094383	Sum of GTIs [s]
			ontime8	955.60216093063	Sum of GTIs [s]
			l1events	72816	Number of level 1 events

2.1.4 Events

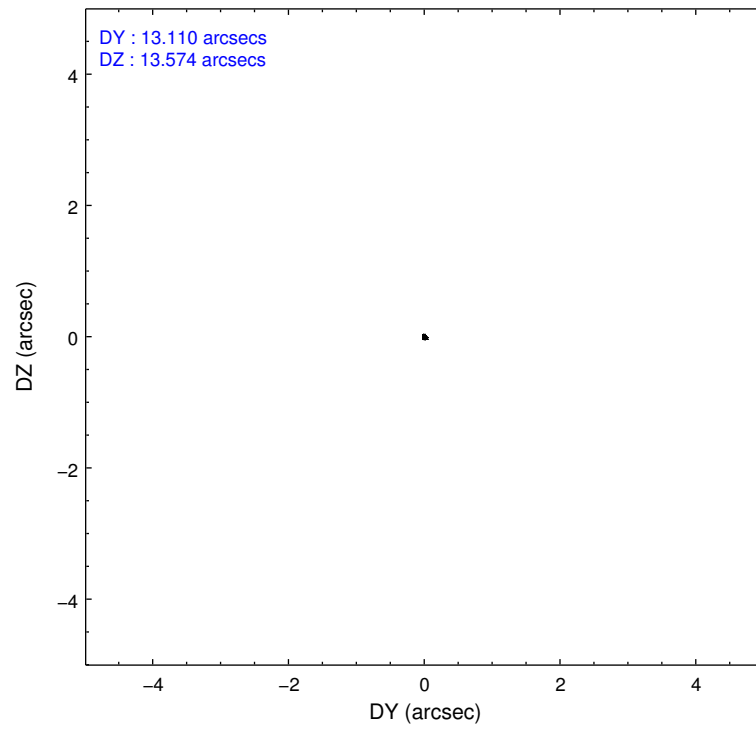
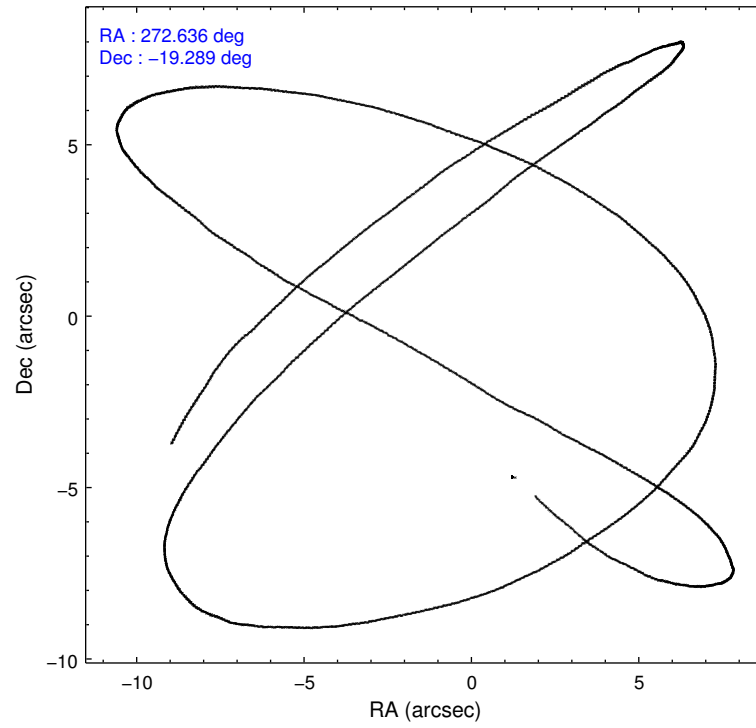
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	9429	8713	20110	9482	13177	11905
rejected events	8195	7060	8049	8169	7684	8699
rejected %	86%	81%	40%	86%	58%	73%

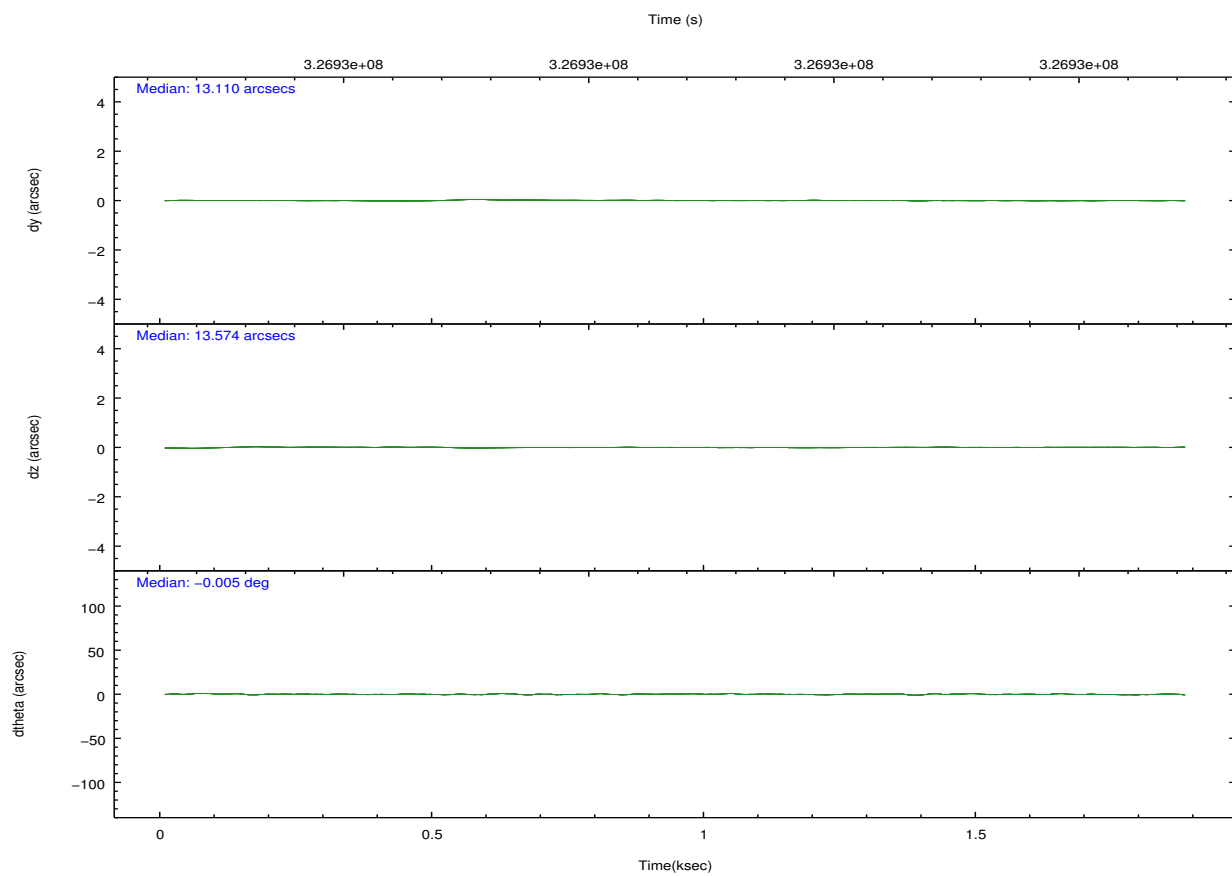
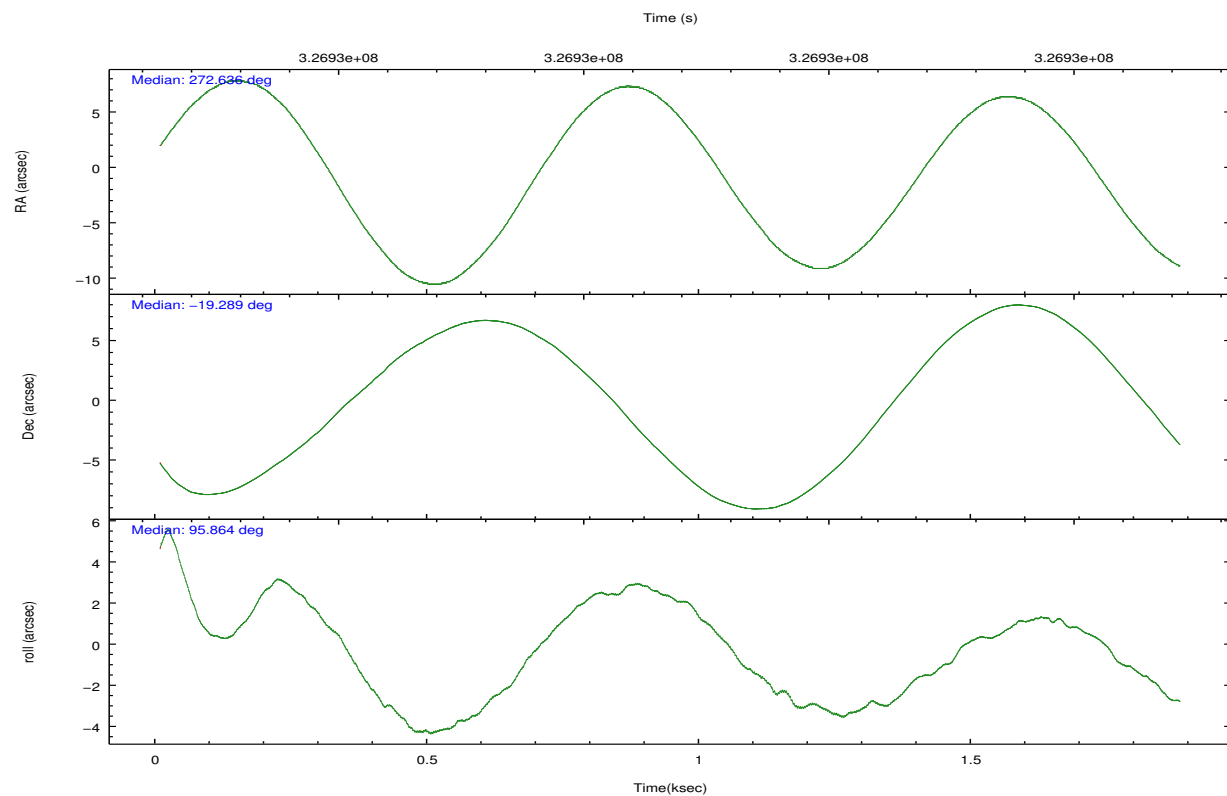
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	594	926	1911	569	510	1068
	6%	10%	9%	6%	3%	8%
grade 1 events	11	10	47	6	12	9
	0%	0%	0%	0%	0%	0%
grade 2 events	249	277	3980	302	1093	699
	2%	3%	19%	3%	8%	5%
grade 3 events	118	149	735	112	459	354
	1%	1%	3%	1%	3%	2%
grade 4 events	99	106	660	111	456	310
	1%	1%	3%	1%	3%	2%
grade 5 events	351	415	1093	404	1248	581
	3%	4%	5%	4%	9%	4%
grade 6 events	178	204	4818	221	2995	779
	1%	2%	23%	2%	22%	6%
grade 7 events	7829	6626	6866	7757	6404	8105
	83%	76%	34%	81%	48%	68%

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	272.653329	272.6361443654966	CCD I2 on	O2	Y
[deg] Pointing Dec	-19.311091	-19.28904684180581	CCD I3 on	O3	Y
[deg] Pointing Roll	95.716566	95.86753508918032	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)	326928116.184000	326926811.36906	CCD S5 on	N	N
Observation start date	2008-05-11T21:20:51	2008-05-11T21:00:11	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	326929117.184000	326929342.60669	On-chip summing requested	N	N
Observation end date	2008-05-11T21:37:32	2008-05-11T21:42:22	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



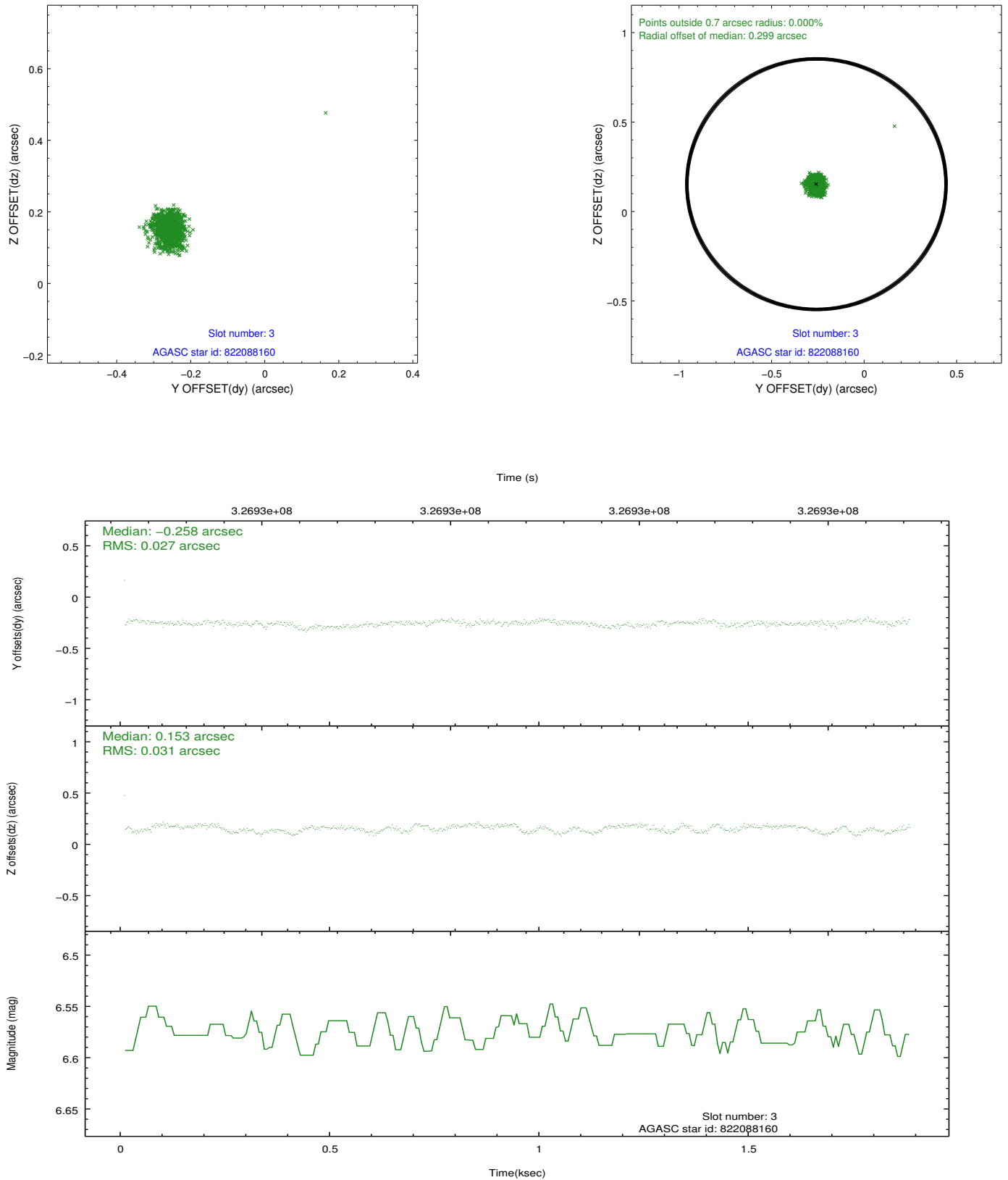


Slot Statistics

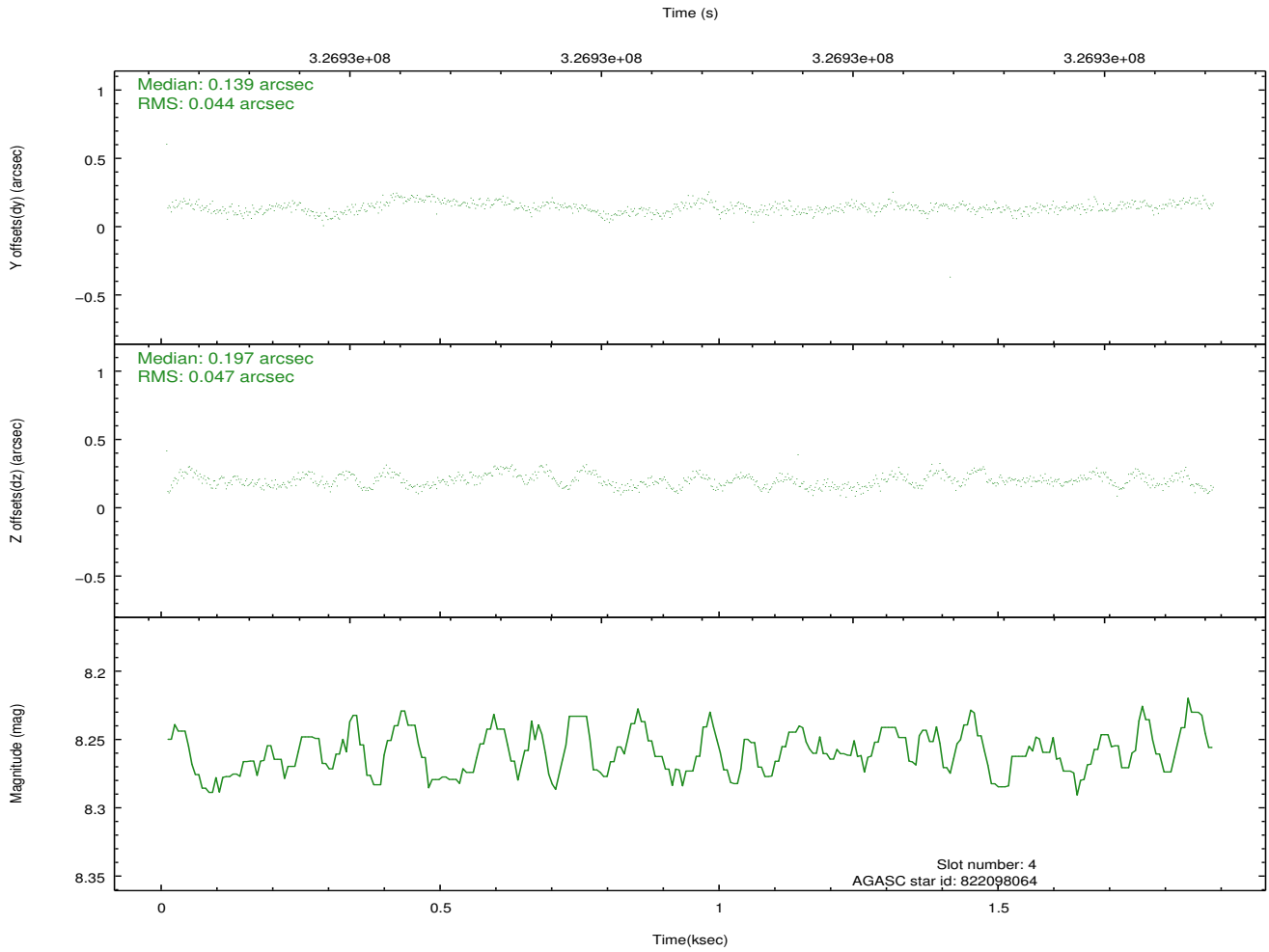
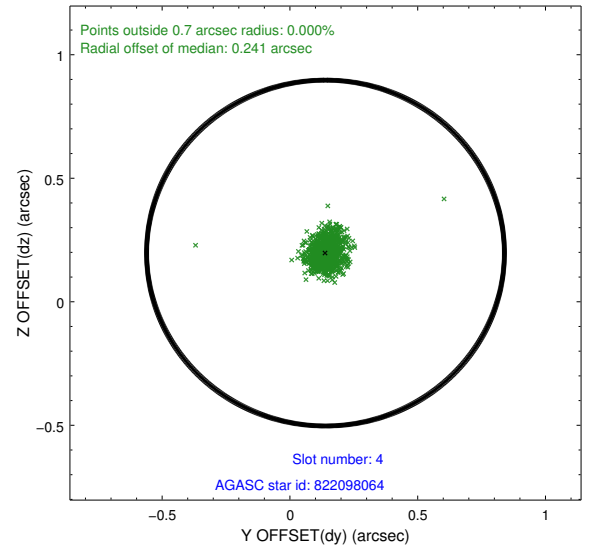
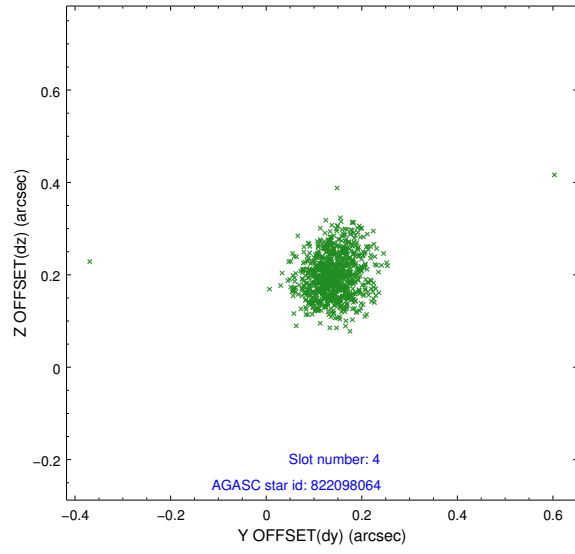
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.01	457	0.054	0.008	0.007	0.012	0.000000	0.000000	930.05	-1730.49
1	FID	ACIS-S-4	7.01	458	0.068	-0.027	0.006	0.011	0.000000	0.000000	2149.42	170.01
2	FID	ACIS-S-5	7.04	458	-0.149	0.032	0.006	0.010	0.000000	0.000000	-1814.53	167.65
3	GUIDE	822088160	6.58	916	-0.258	0.153	0.040	0.061	272.729284	-18.869551	1555.32	-414.96
4	GUIDE	822098064	8.26	915	0.139	0.197	0.065	0.104	273.233974	-19.745214	-1752.69	-1801.48
5	GUIDE	822100176	8.48	916	0.193	-0.163	0.061	0.098	272.112888	-19.868886	-1820.86	2019.38
6	GUIDE	822091704	8.09	915	-0.193	-0.112	0.052	0.086	272.220028	-18.943658	1458.80	1339.29
7	GUIDE	822098736	8.48	914	0.121	-0.076	0.067	0.107	272.269355	-19.875225	-1891.43	1497.84

2.4 Star Slots

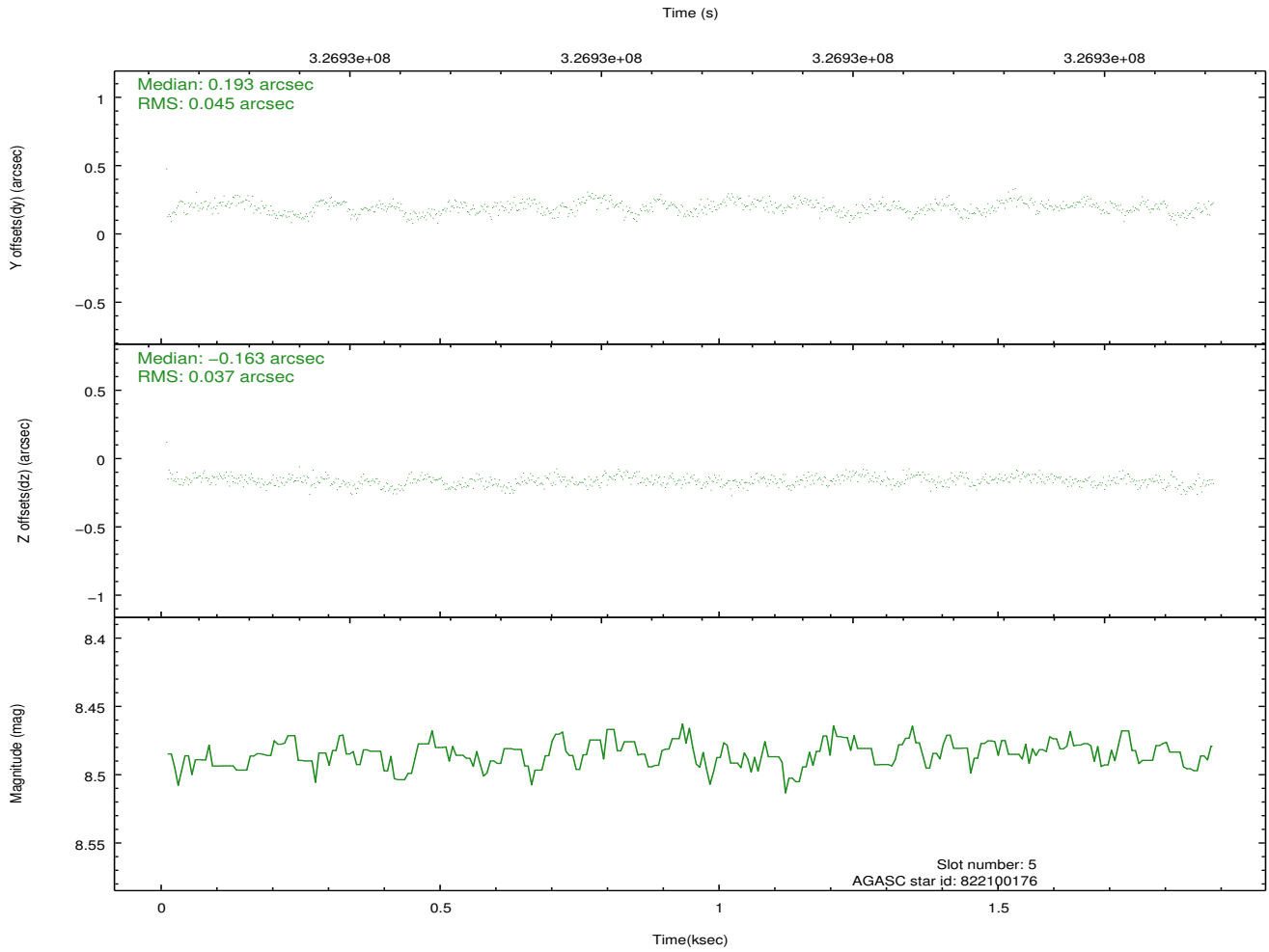
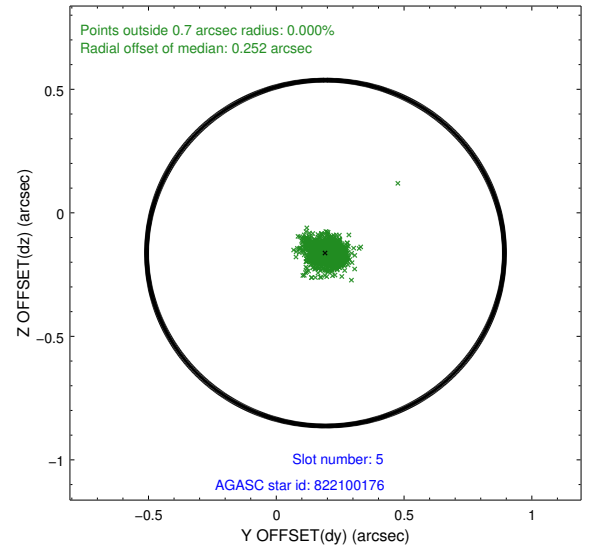
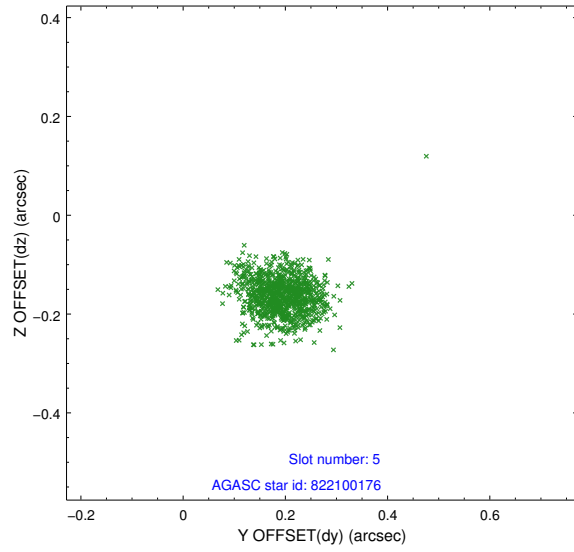
2.4.1 Slot 3



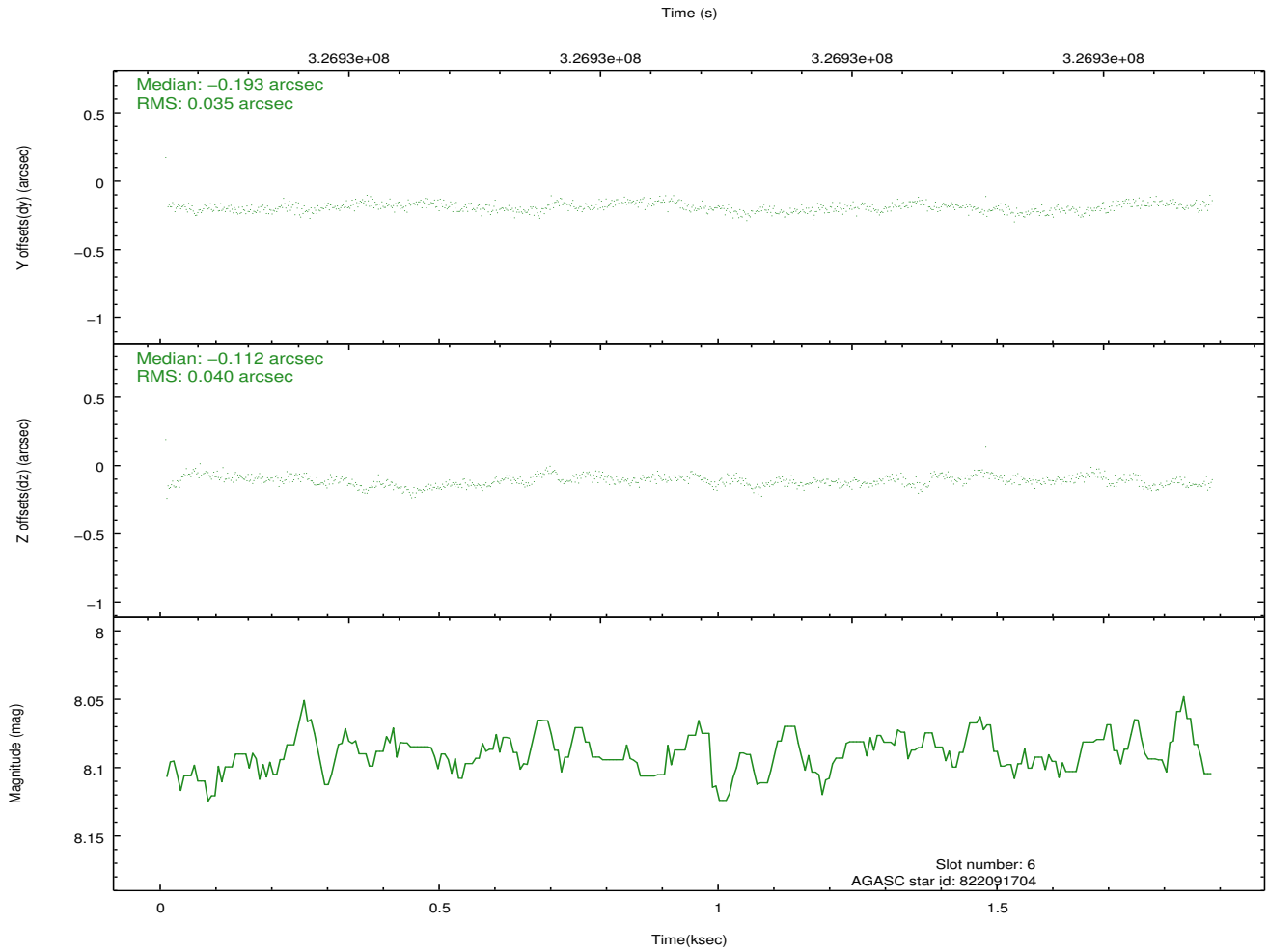
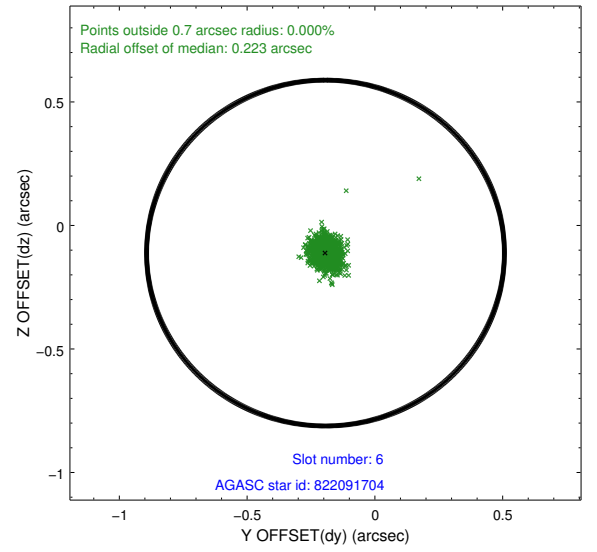
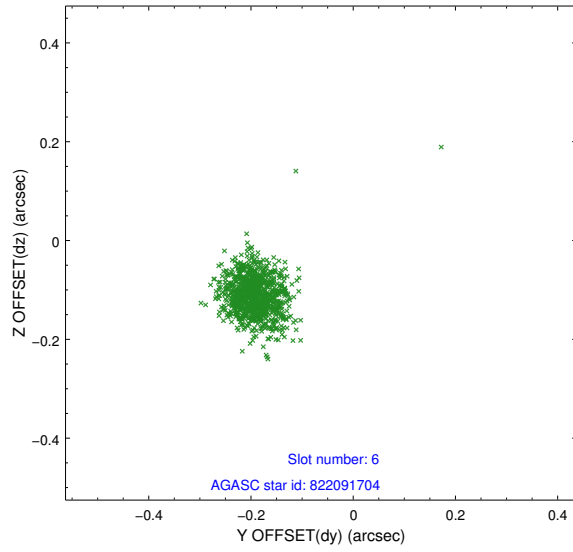
2.4.2 Slot 4



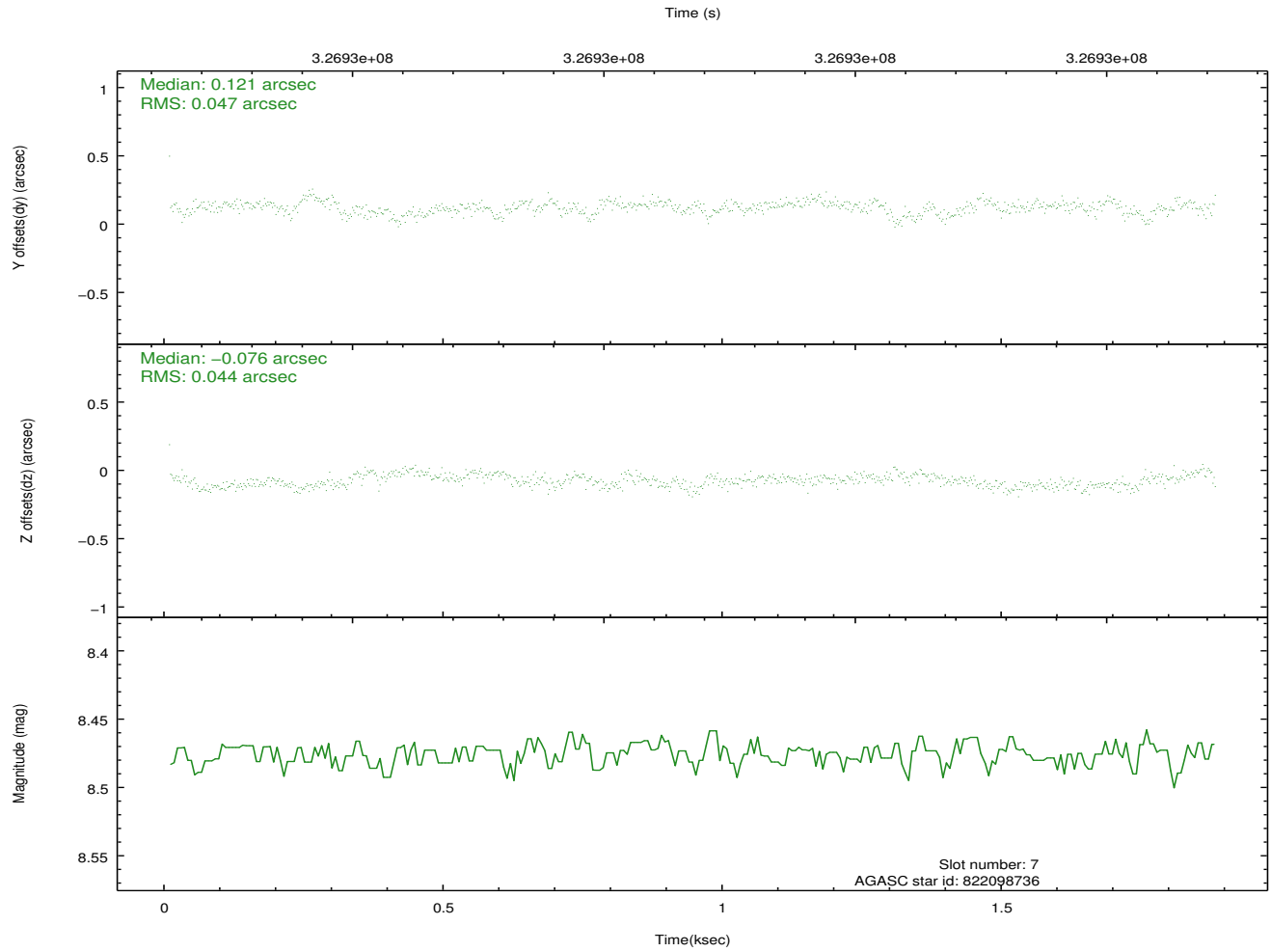
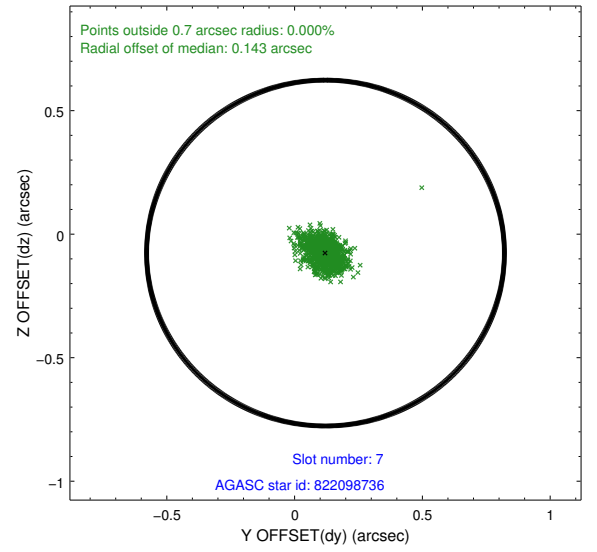
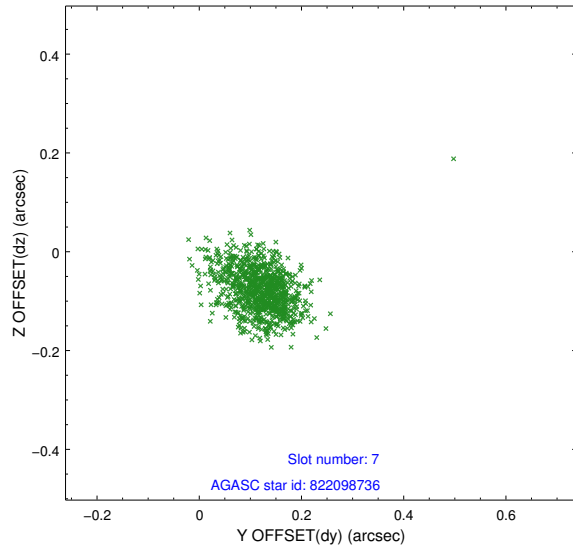
2.4.3 Slot 5



2.4.4 Slot 6

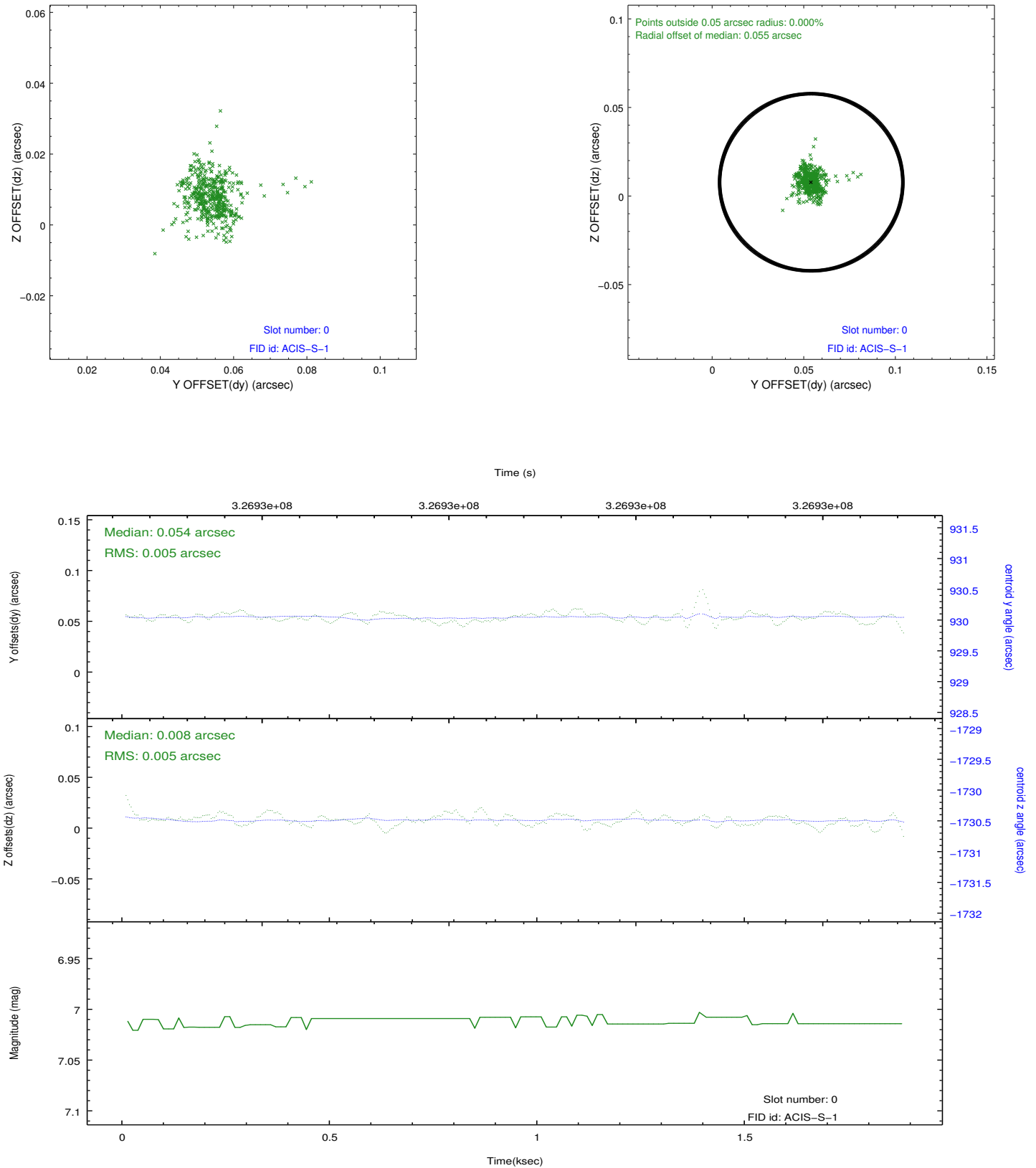


2.4.5 Slot 7

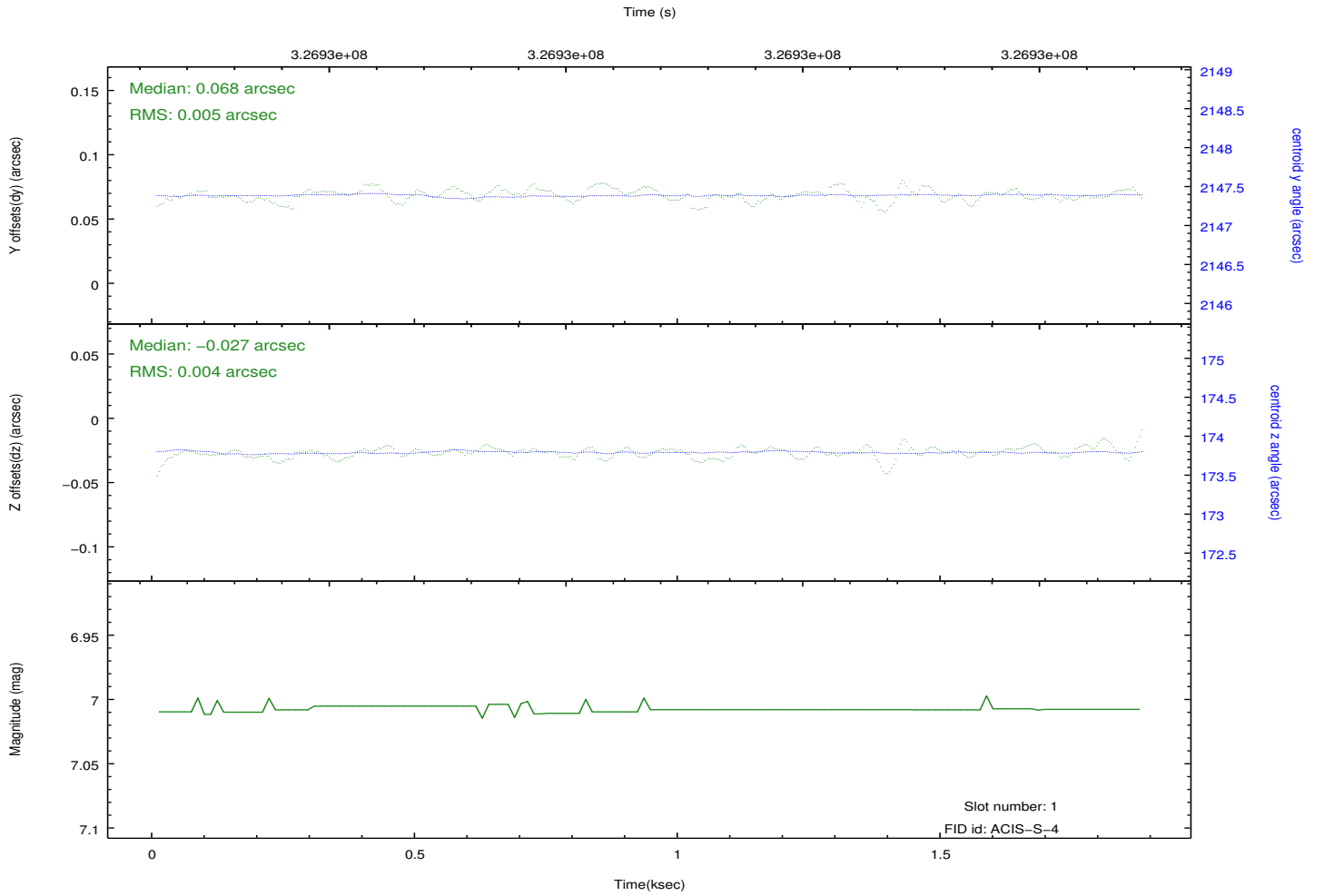
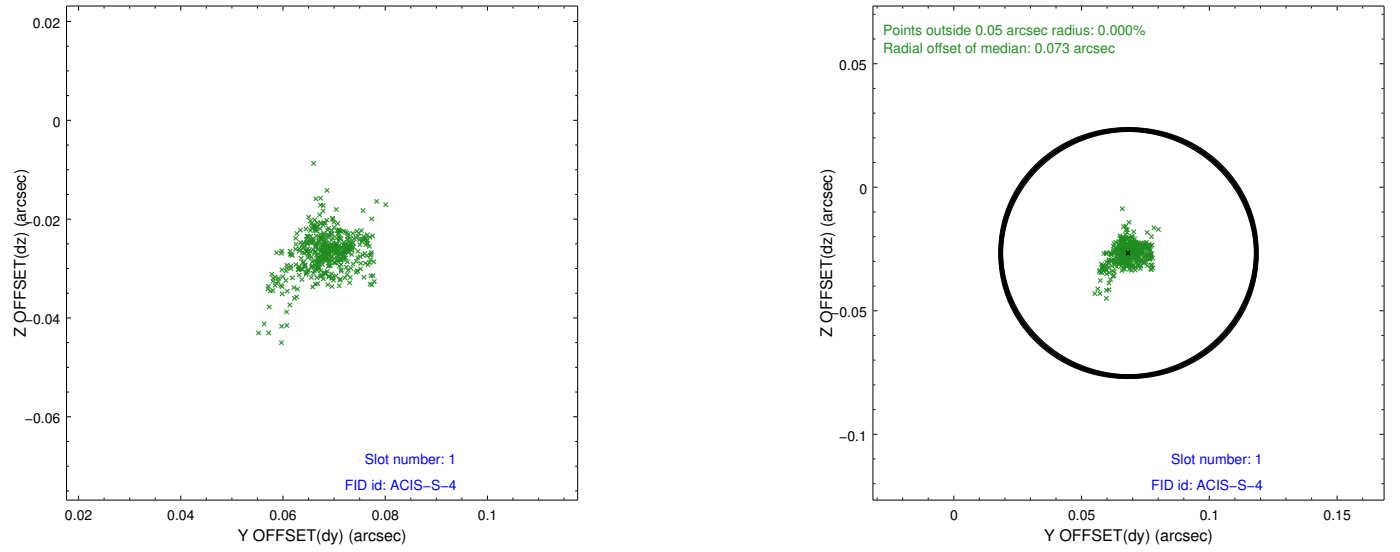


2.5 FID Slots

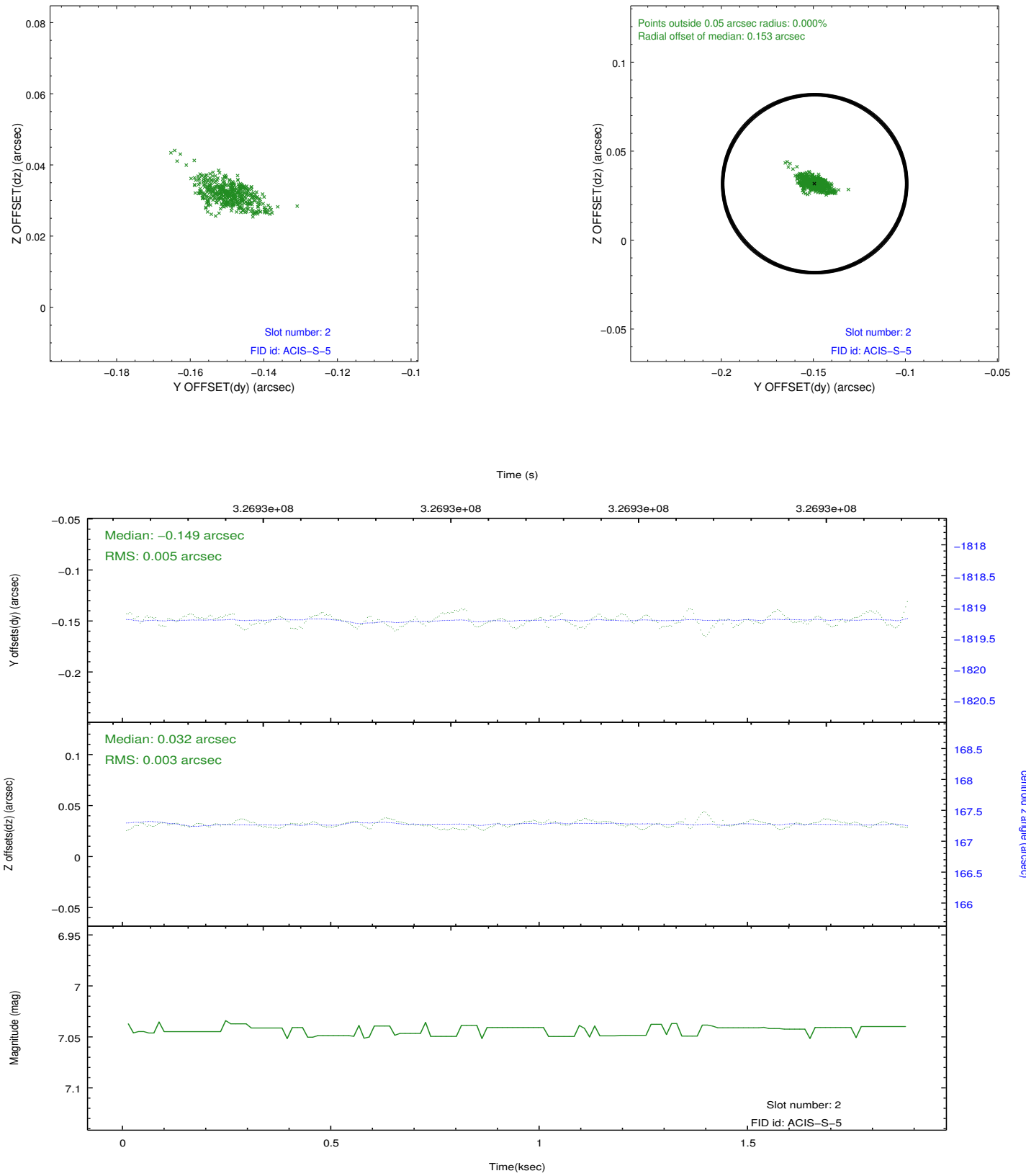
2.5.1 Slot 0



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)	2012.05.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.95679999

A.2 Comments

Charge time for this observation remains at previous value of 0.9567 ksec,
although with the current processing the charge time would have been 0.9557 ksec.