

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11266 - L2 Version 2
Chandra X-Ray Center

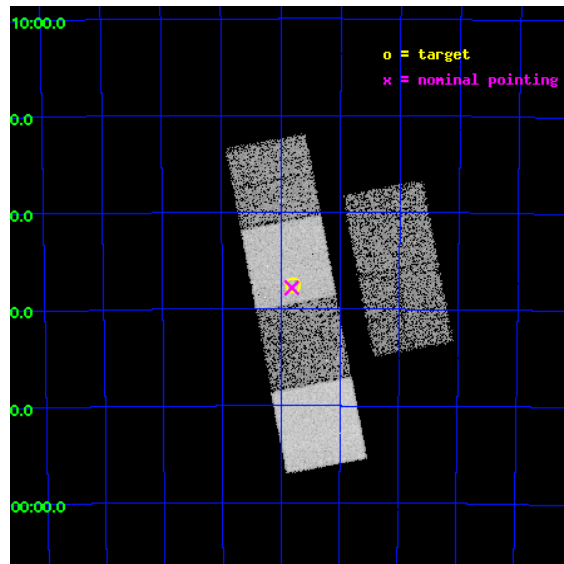
L2 Processing Date : Jun 26 2012

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1 Front

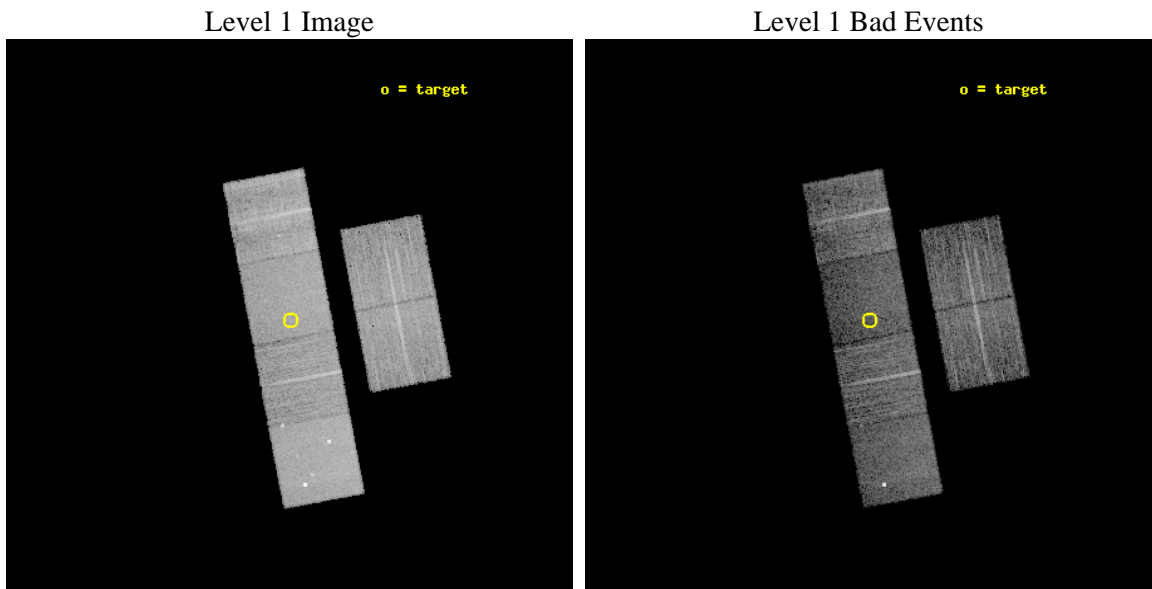
seq_num	600785	Sequence number
obs_id	11266	Observation id
title	Snapshots of Isolated Elliptical Galaxies	Proposal title
observer	Dr. DAVID BUOTE	Principal investigator
object	ESO092-001	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	149.199583	Observer's specified target RA [deg]
dec_targ	-65.625917	Observer's specified target Dec [deg]
ra_nom	149.20384525752	Nominal RA [deg]
dec_nom	-65.630416907656	Nominal Dec [deg]
roll_nom	259.23158962145	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7548.7999719381	Sum of GTIs [s]
livetime	7453.2125213518	Livetime [s]
ontime2	7548.7999719381	Sum of GTIs [s]
ontime3	7545.559001565	Sum of GTIs [s]
ontime5	7548.7999719381	Sum of GTIs [s]
ontime6	7548.7999719381	Sum of GTIs [s]
ontime7	7548.7999719381	Sum of GTIs [s]
ontime8	7545.5590016842	Sum of GTIs [s]
l2events	94962	Number of level 2 events



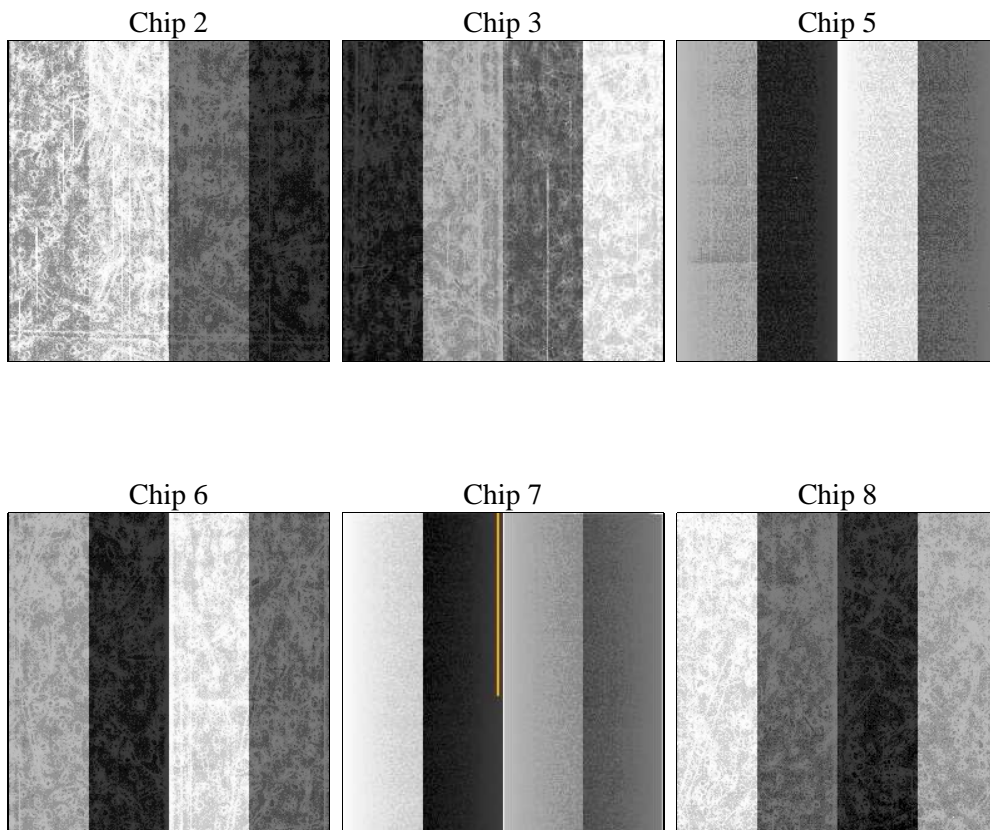
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7500.928000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7548.7999719381	Sum of GTIs [s]
caldbver	4.4.10	 	ontime2	7548.7999719381	Sum of GTIs [s]
date	2012-06-26T13:44:14	Date and time of file creation	ontime3	7545.559001565	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	7548.7999719381	Sum of GTIs [s]
			ontime6	7548.7999719381	Sum of GTIs [s]
			ontime7	7548.7999719381	Sum of GTIs [s]
			ontime8	7545.5590016842	Sum of GTIs [s]
			l1events	411202	Number of level 1 events

2.1.4 Events

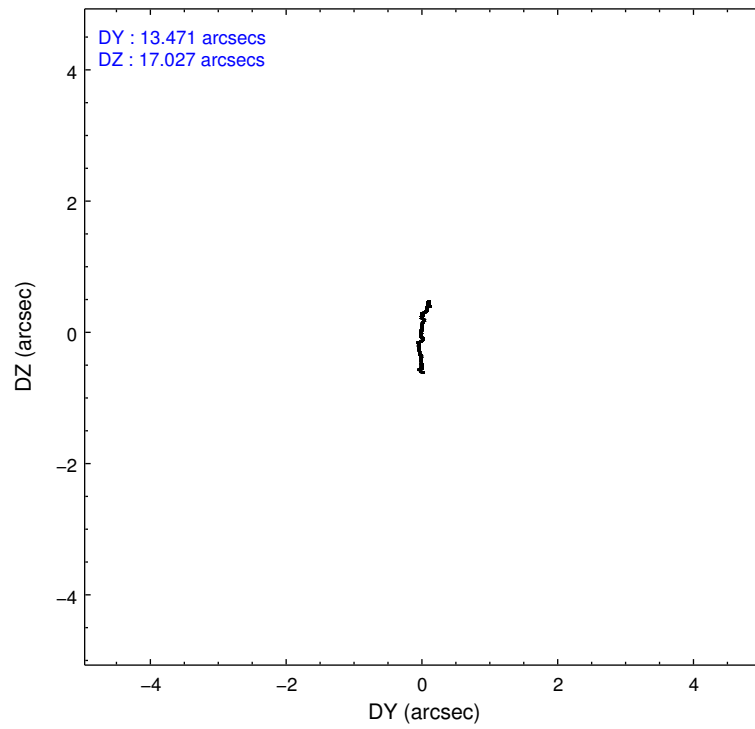
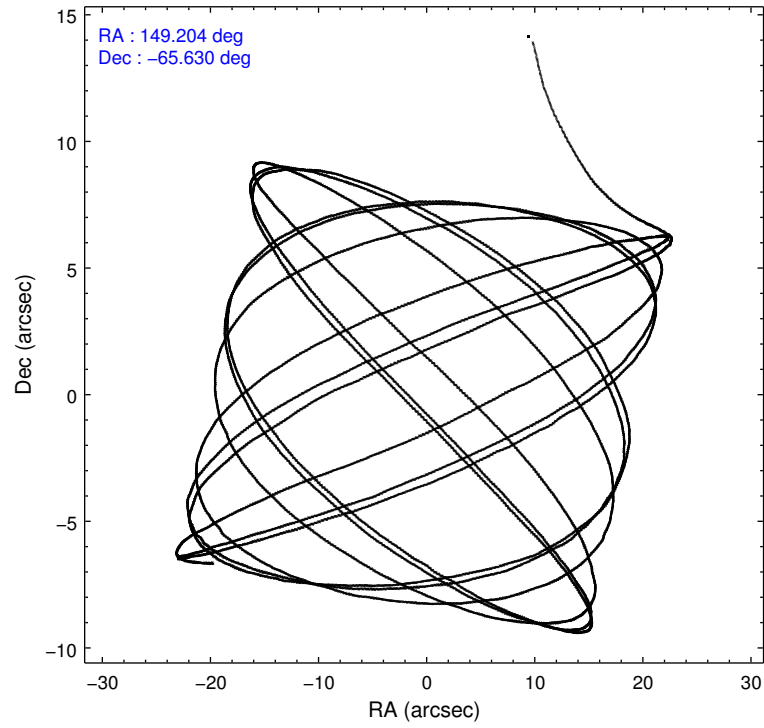
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	59472	56436	90222	58355	69908	76809
rejected events	53214	50542	45942	51597	38015	56258
rejected %	89%	89%	50%	88%	54%	73%

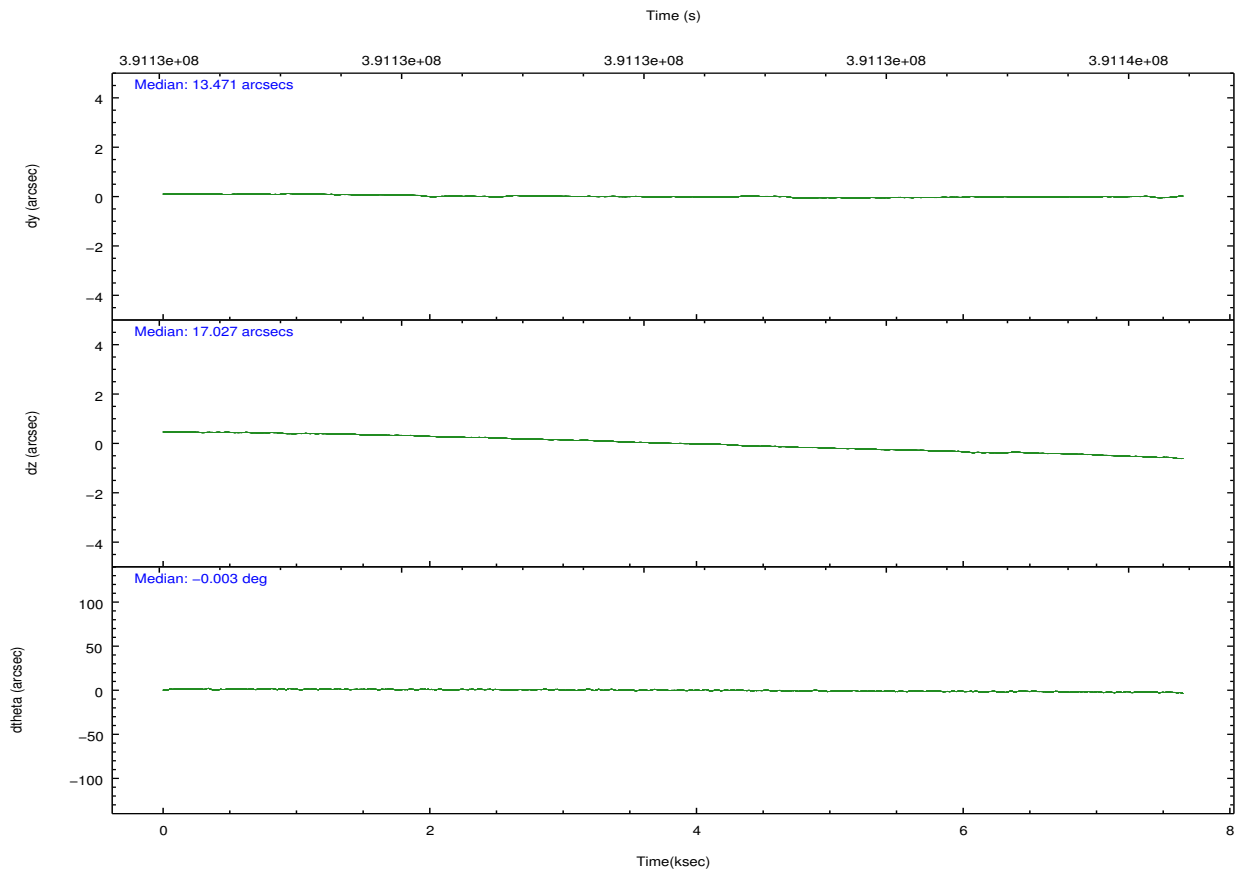
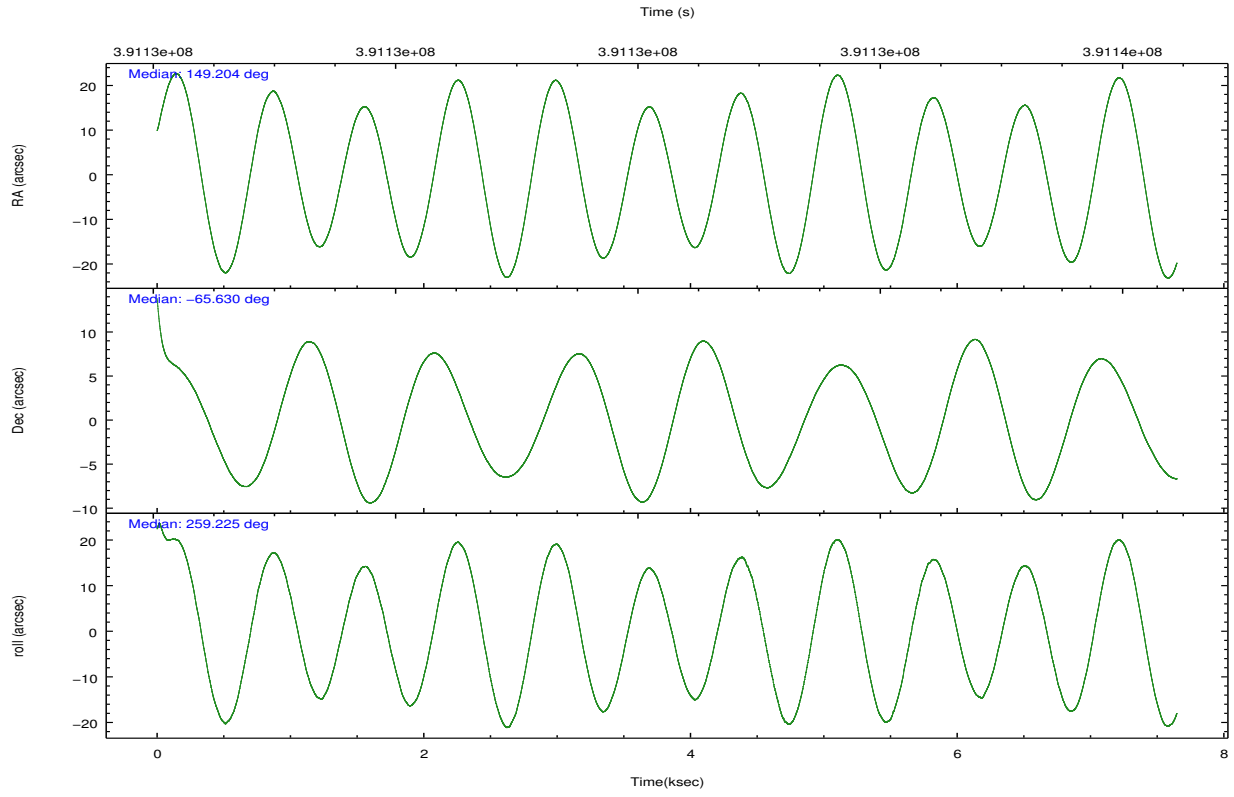
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2300	2137	5069	2496	2889	6276
	3%	3%	5%	4%	4%	8%
grade 1 events	38	29	246	26	70	70
	0%	0%	0%	0%	0%	0%
grade 2 events	1472	1296	13117	1501	6469	4768
	2%	2%	14%	2%	9%	6%
grade 3 events	644	682	1933	682	2917	2110
	1%	1%	2%	1%	4%	2%
grade 4 events	654	628	1613	671	2814	1994
	1%	1%	1%	1%	4%	2%
grade 5 events	2240	2469	8050	2607	7295	3752
	3%	4%	8%	4%	10%	4%
grade 6 events	1190	1152	22574	1412	16811	5407
	2%	2%	25%	2%	24%	7%
grade 7 events	50934	48043	37620	48960	30643	52432
	85%	85%	41%	83%	43%	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	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	149.181109	149.2038452575244	CCD I2 on	O2	Y
[deg] Pointing Dec	-65.604762	-65.63041690765596	CCD I3 on	Y	Y
[deg] Pointing Roll	259.054233	259.2315896214549	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	Y	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	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	O1	Y
[s] Observation start time (MET)	391128564.184000	391127528.41779	CCD S5 on	N	N
Observation start date	2010-05-24T22:48:18	2010-05-24T22:32:08	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	391136065.184000	391136290.63073	On-chip summing requested	N	N
Observation end date	2010-05-25T00:53:19	2010-05-25T00:58:10	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



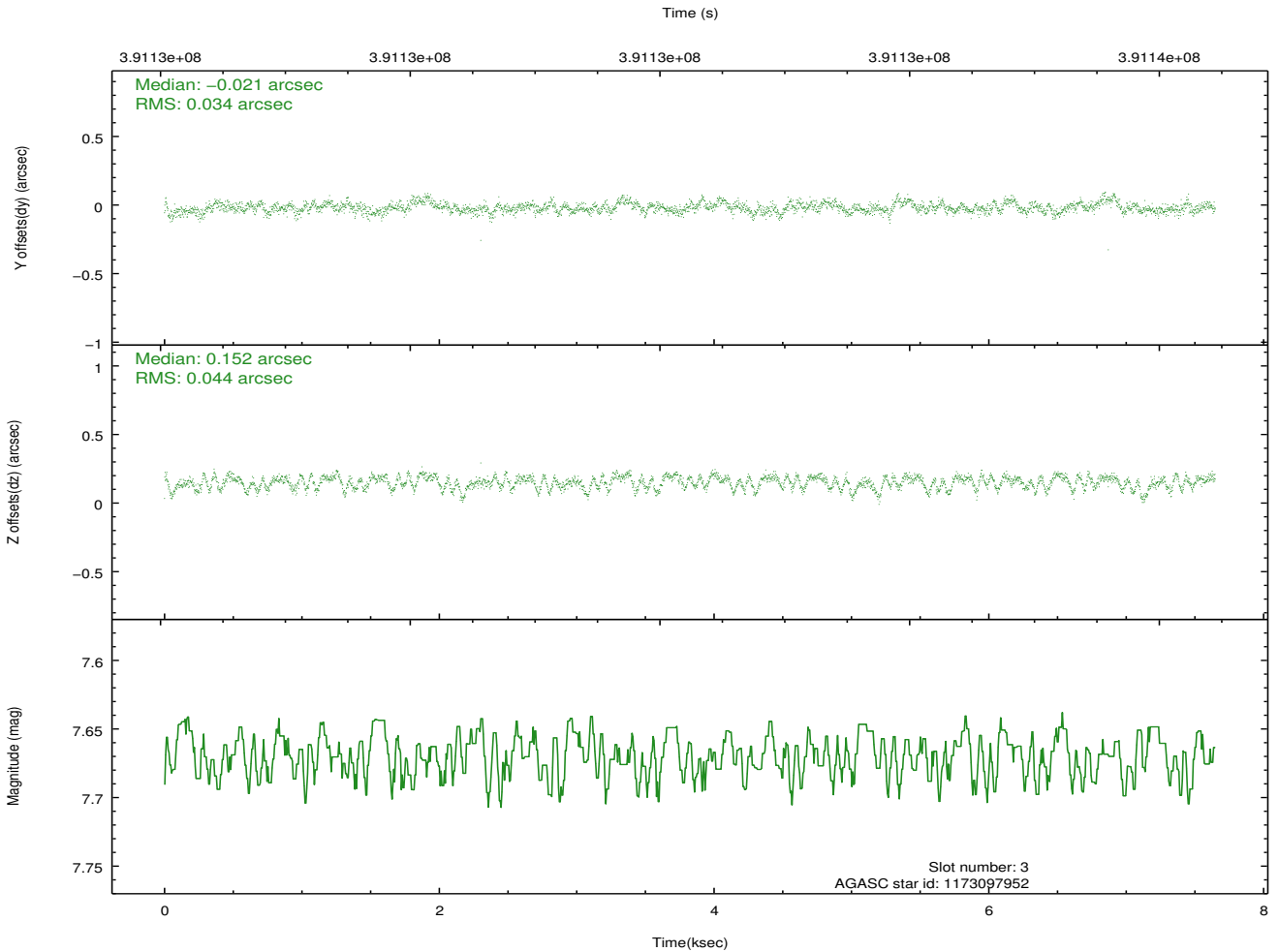
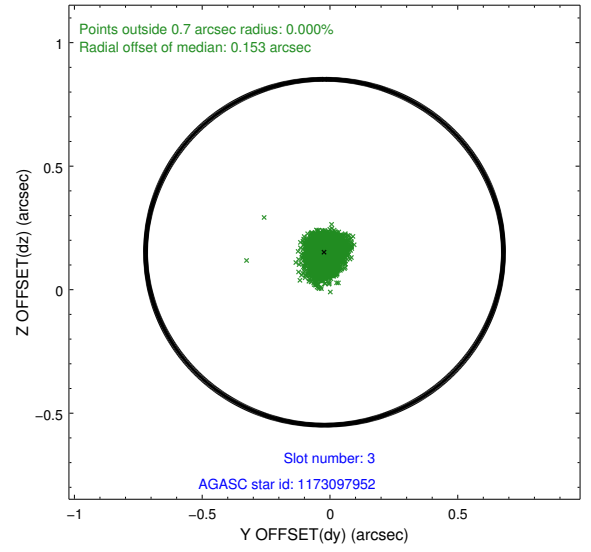
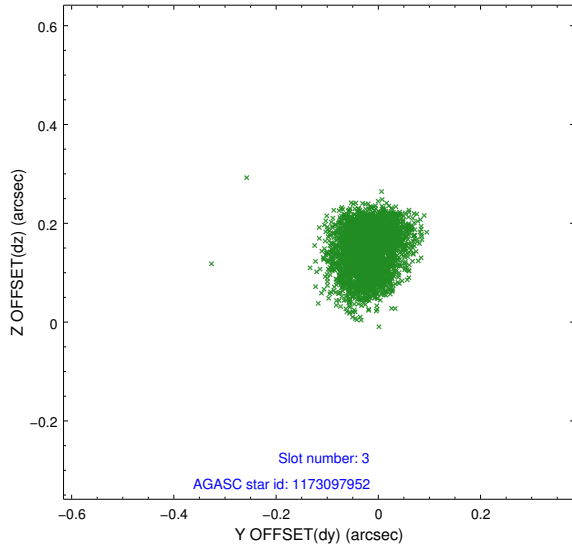


Slot Statistics

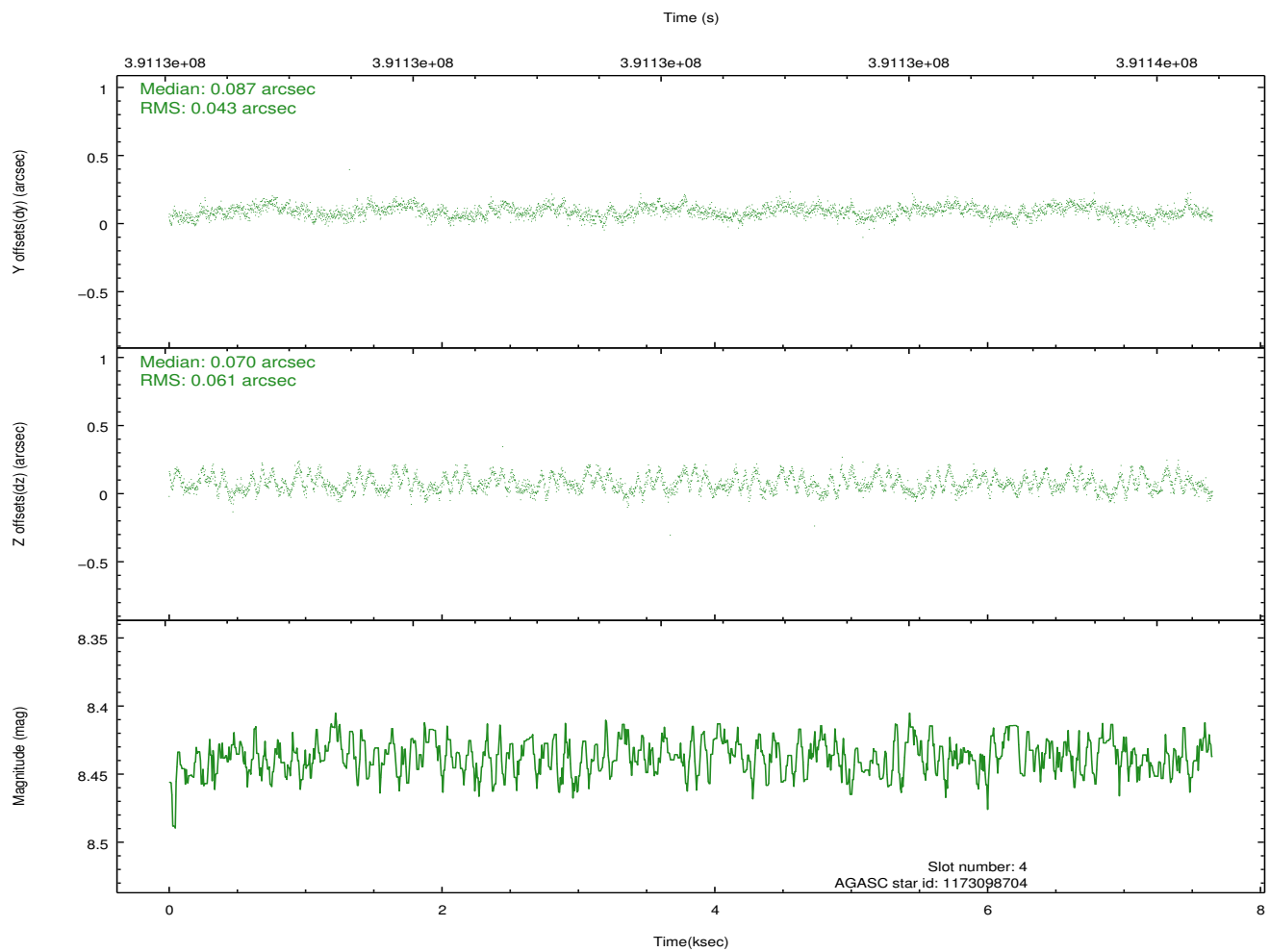
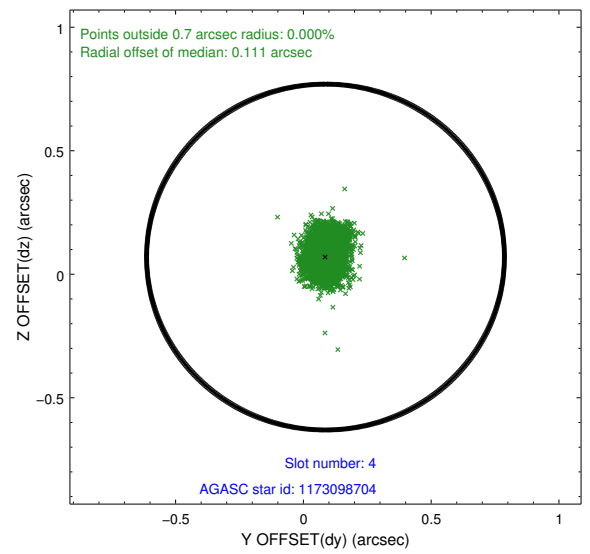
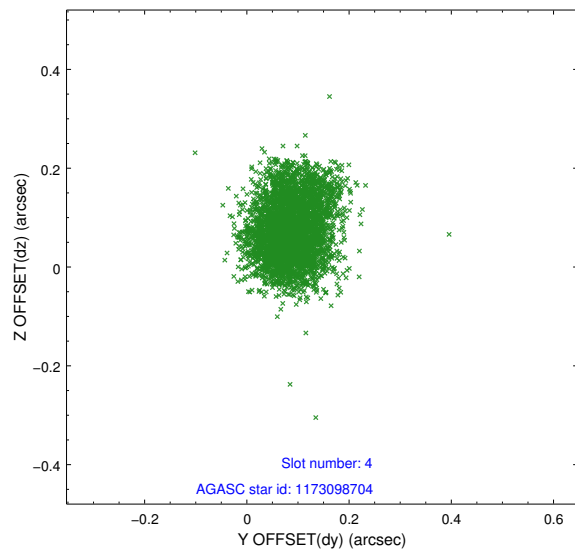
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	1866	-0.019	-0.016	0.011	0.018	0.000000	0.000000	-766.45	-1738.41
1	FID	ACIS-S-4	6.96	1866	0.144	0.015	0.007	0.012	0.000000	0.000000	2146.67	169.30
2	FID	ACIS-S-5	7.00	1866	-0.155	0.011	0.010	0.017	0.000000	0.000000	-1818.46	163.86
3	GUIDE	1173097952	7.67	3731	-0.021	0.152	0.059	0.094	148.748072	-65.073774	-1749.40	-1007.70
4	GUIDE	1173098704	8.44	3731	0.087	0.070	0.080	0.128	147.704135	-65.446562	-114.06	-2272.62
5	GUIDE	1173624984	7.94	3730	-0.073	0.014	0.062	0.096	149.956122	-66.024723	1276.02	1400.77
6	GUIDE	1173757880	8.33	3732	0.010	-0.031	0.077	0.137	150.015388	-66.276244	2152.36	1647.51
7	GUIDE	1173756456	8.13	3730	-0.014	-0.205	0.079	0.125	150.783626	-65.691471	-114.08	2396.59

2.4 Star Slots

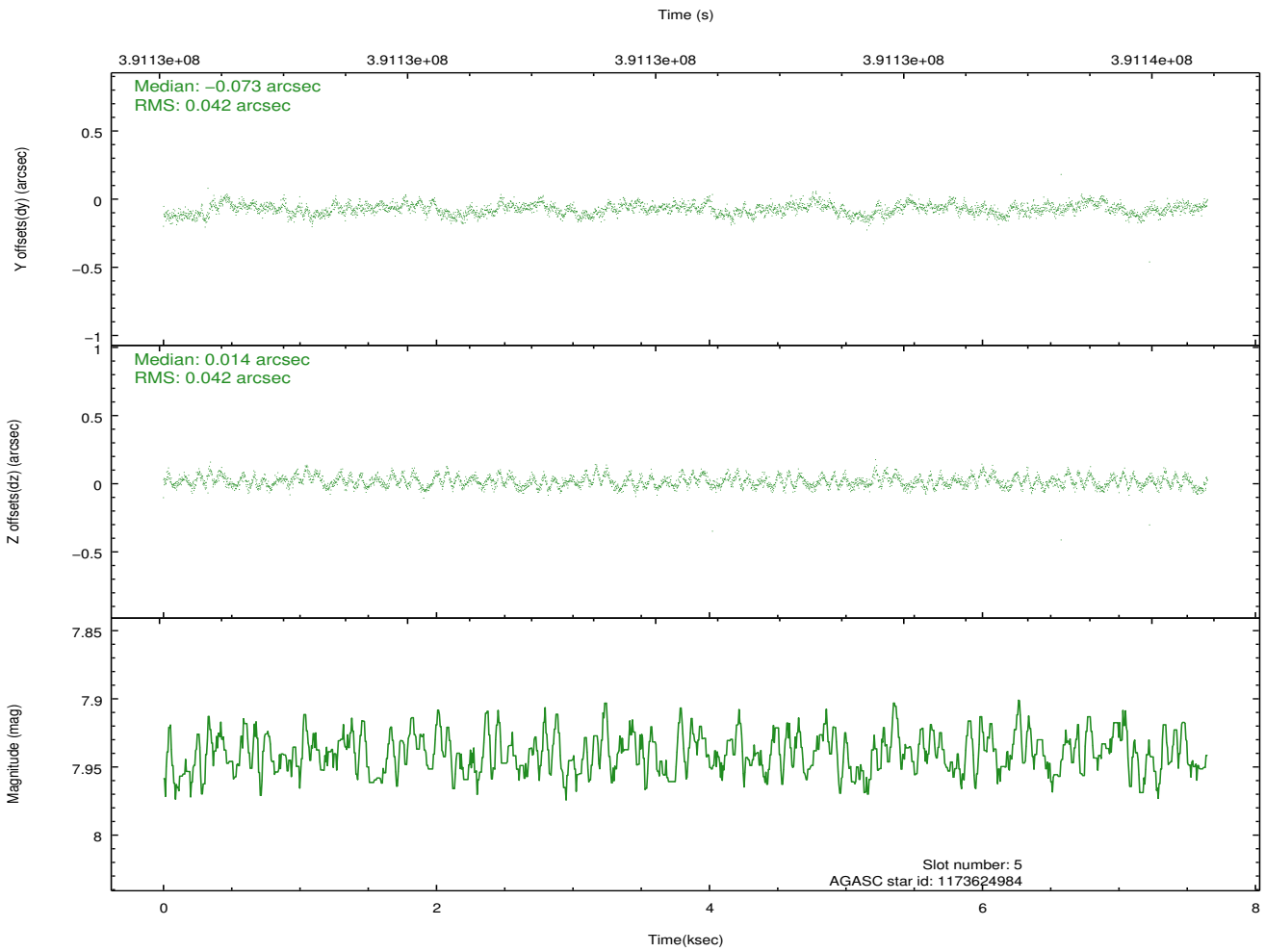
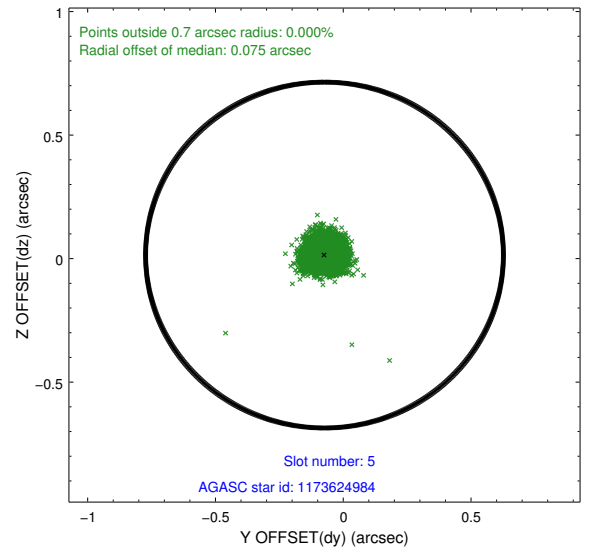
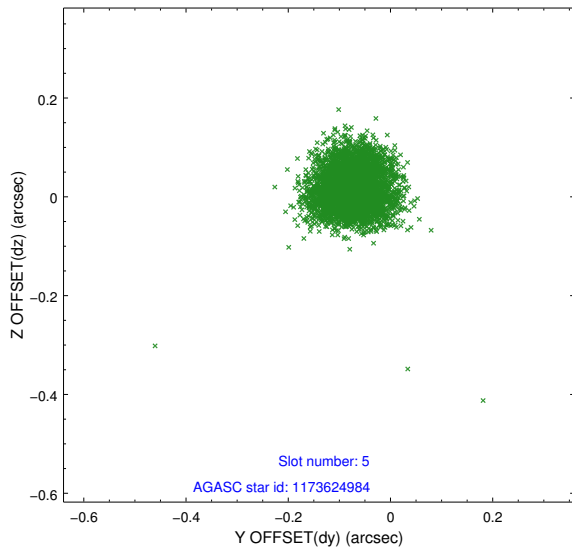
2.4.1 Slot 3



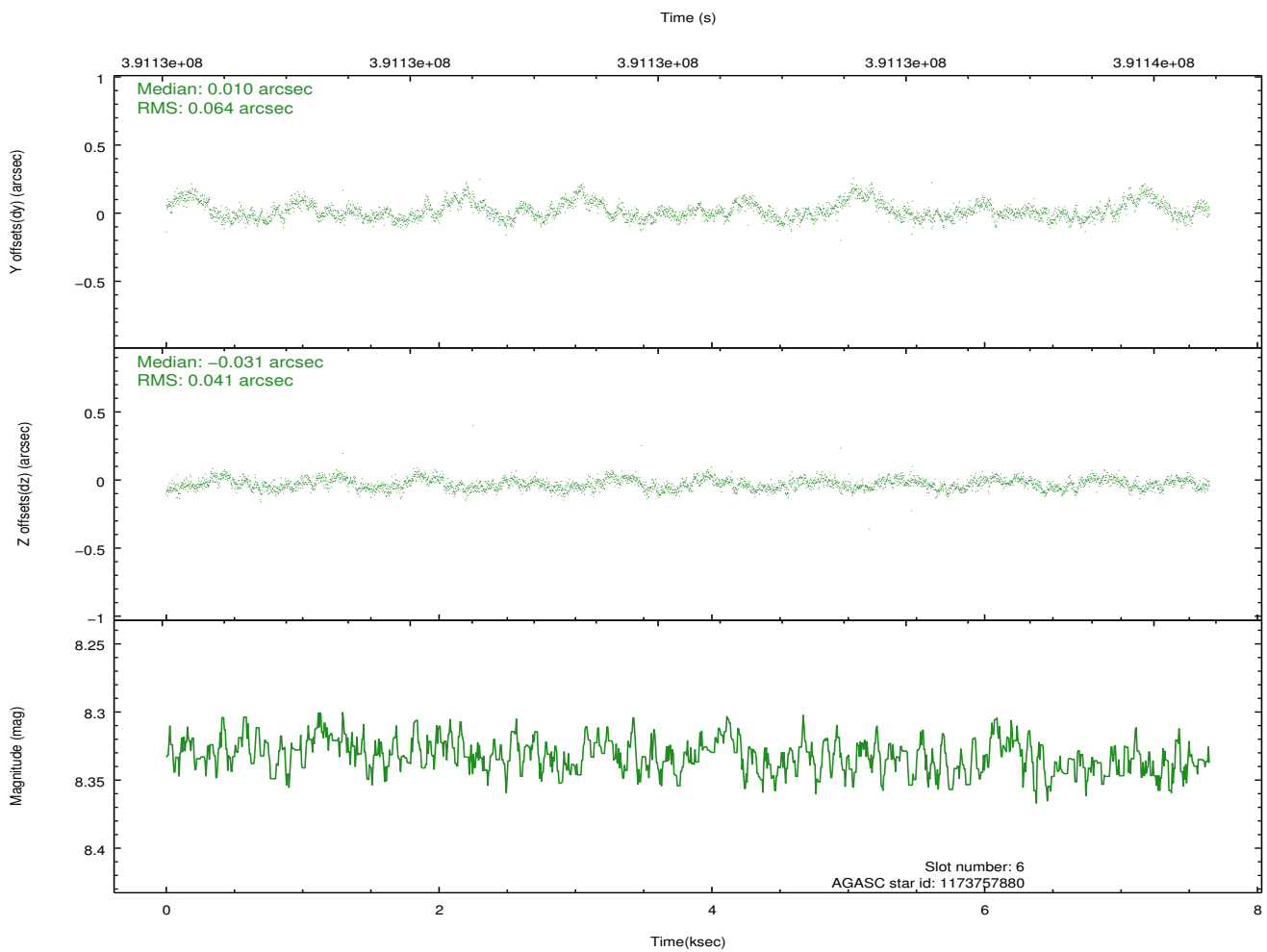
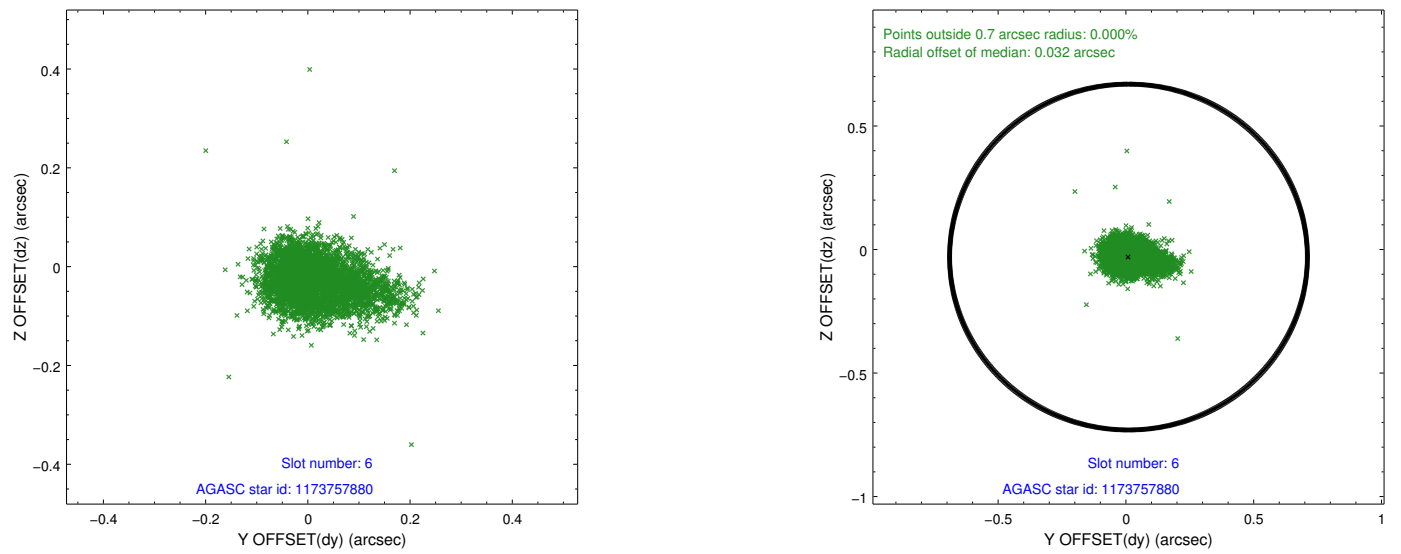
2.4.2 Slot 4



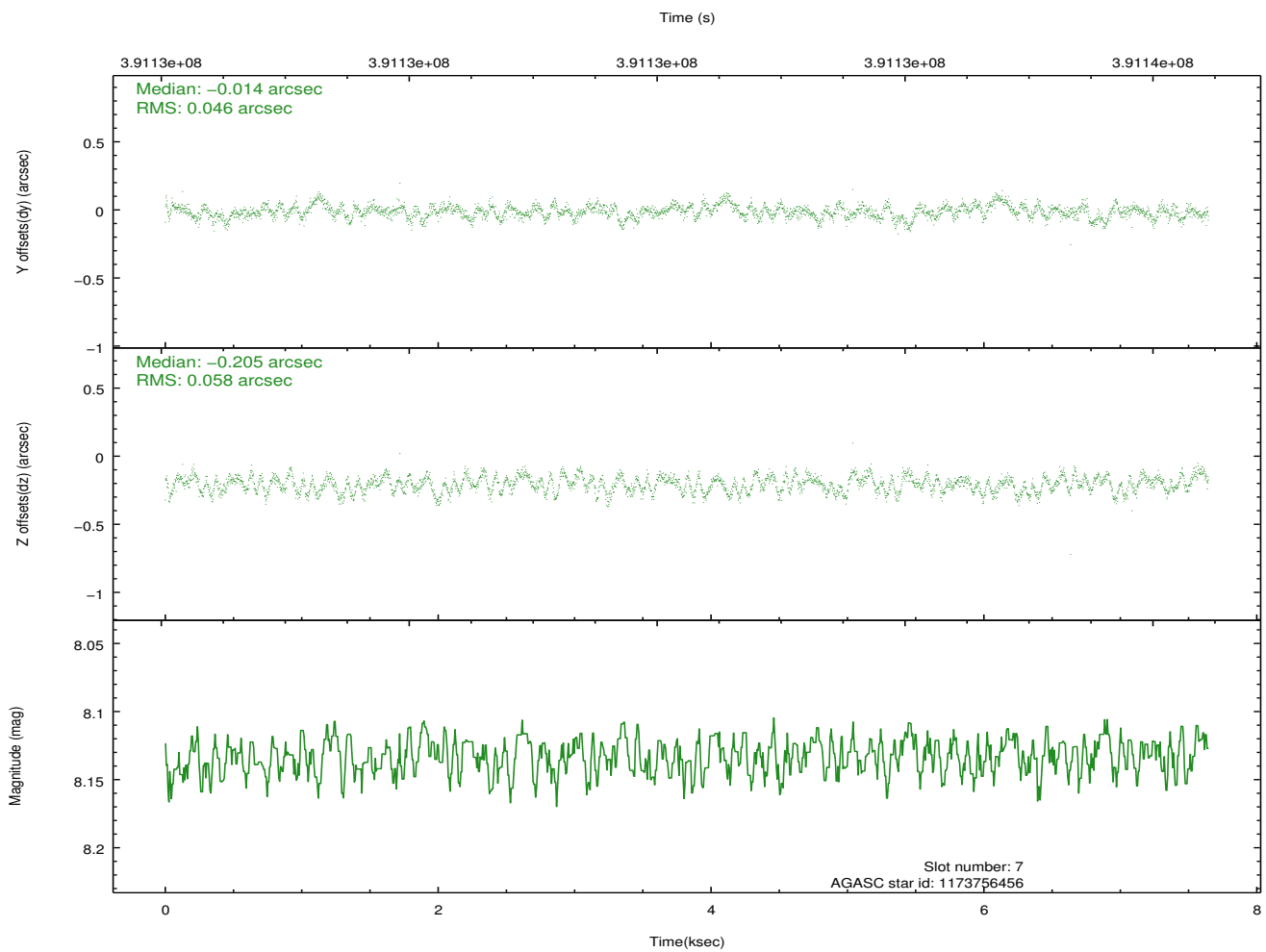
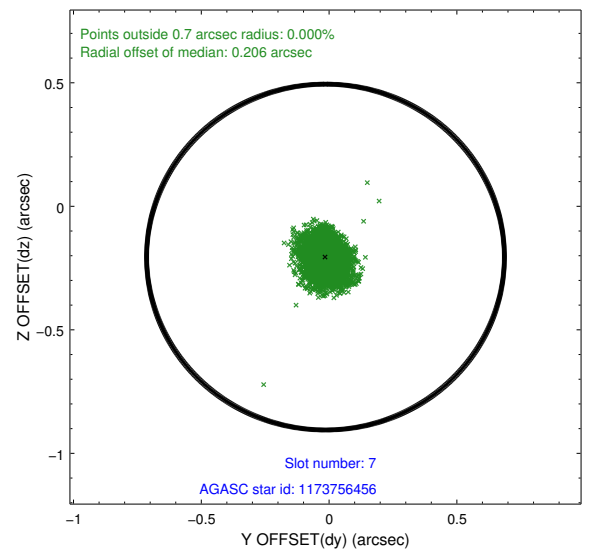
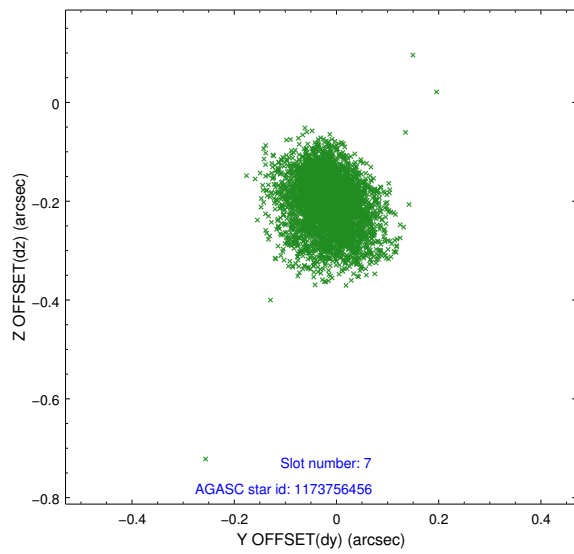
2.4.3 Slot 5



2.4.4 Slot 6

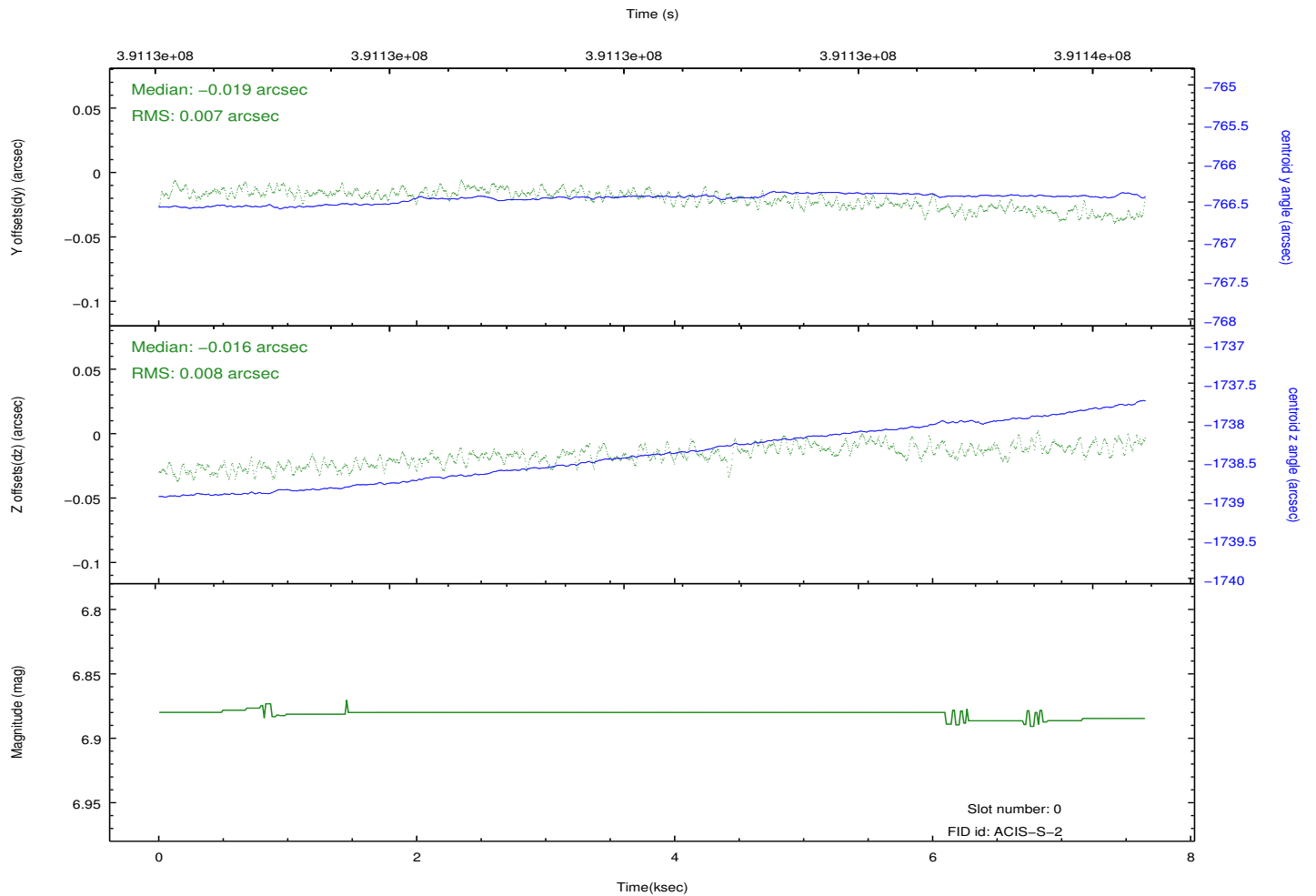
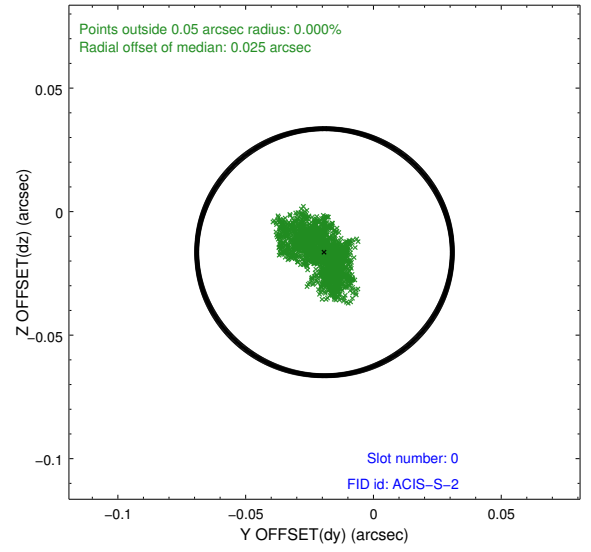
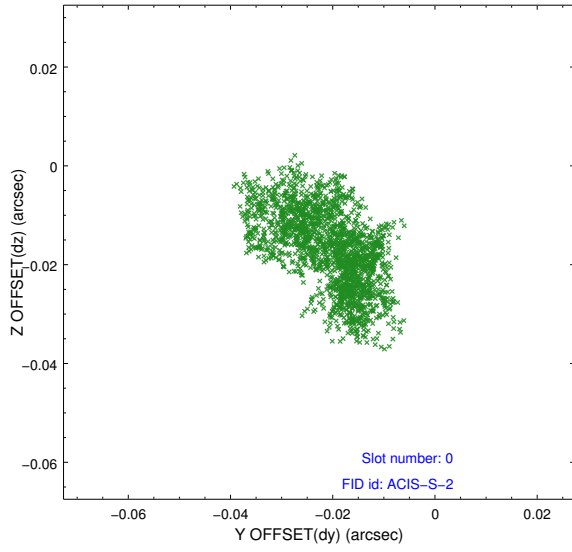


2.4.5 Slot 7

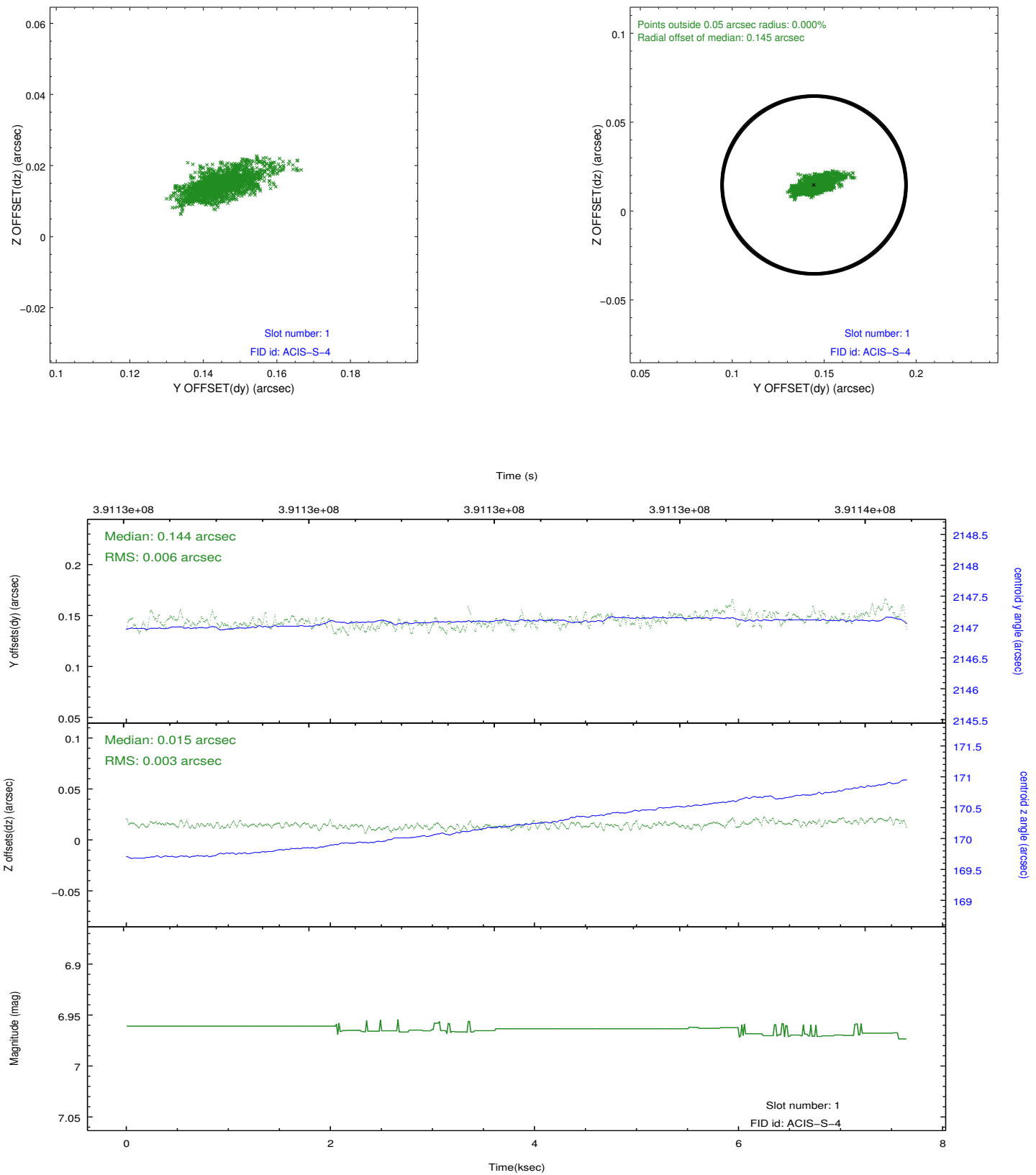


2.5 FID Slots

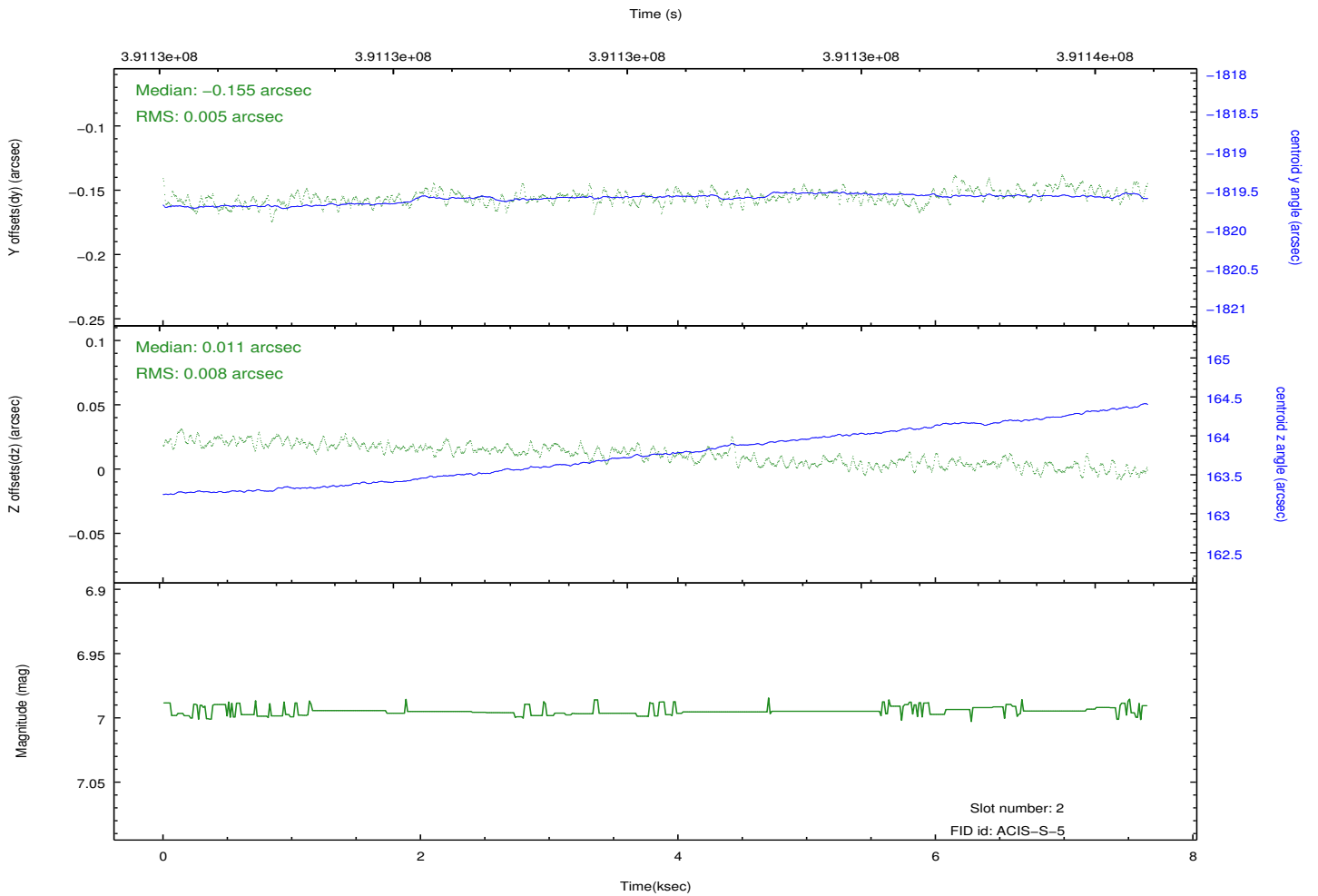
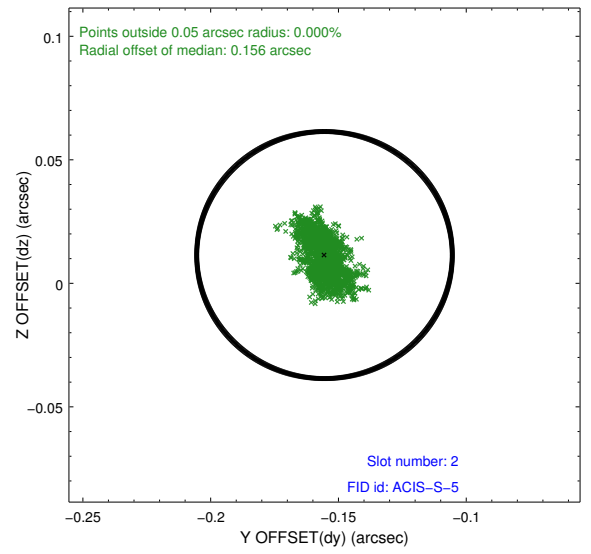
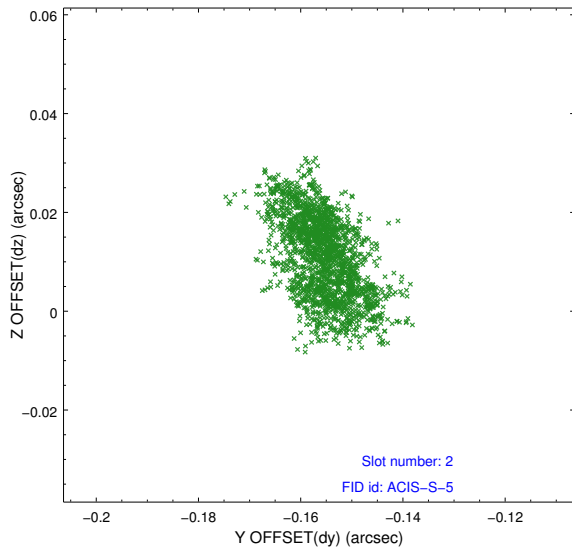
2.5.1 Slot 0



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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5487999719381

A.2 Comments