

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9607 - L2 Version 2
Chandra X-Ray Center

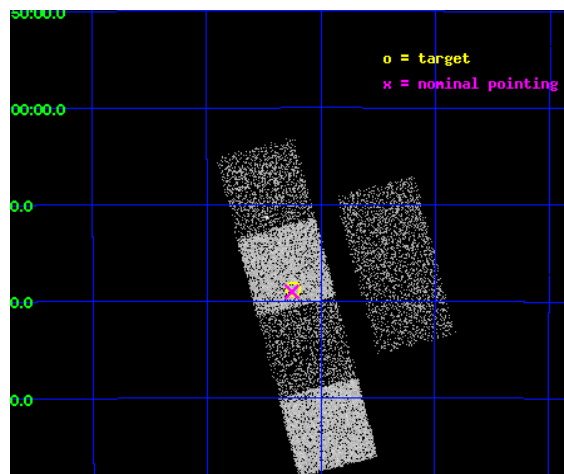
L2 Processing Date : May 21 2012

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1 Front

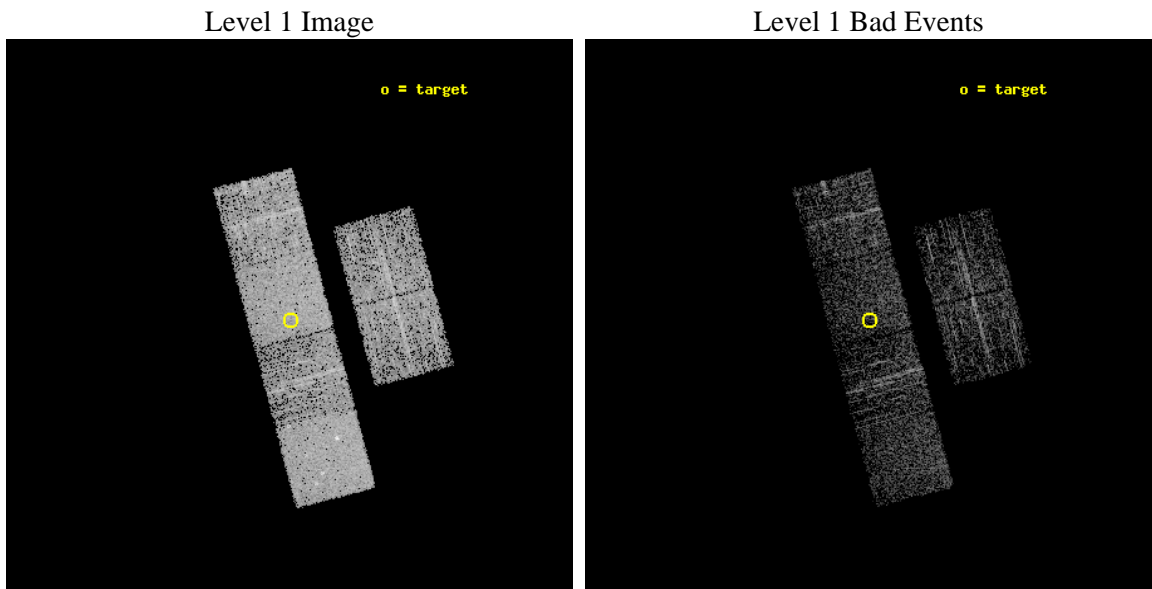
seq_num	900849	Sequence number
obs_id	9607	Observation id
title	GTO ChICAGO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J171715-3718	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	259.312083	Observer's specified target RA [deg]
dec_targ	-37.312	Observer's specified target Dec [deg]
ra_nom	259.31377305461	Nominal RA [deg]
dec_nom	-37.317163970041	Nominal Dec [deg]
roll_nom	255.15773305565	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1356.7999950051	Sum of GTIs [s]
livetime	1339.6193765015	Livetime [s]
ontime2	1356.7999950051	Sum of GTIs [s]
ontime3	1356.7999950051	Sum of GTIs [s]
ontime5	1356.7999950051	Sum of GTIs [s]
ontime6	1356.7999950051	Sum of GTIs [s]
ontime7	1356.7999950051	Sum of GTIs [s]
ontime8	1356.7999950051	Sum of GTIs [s]
l2events	23176	Number of level 2 events



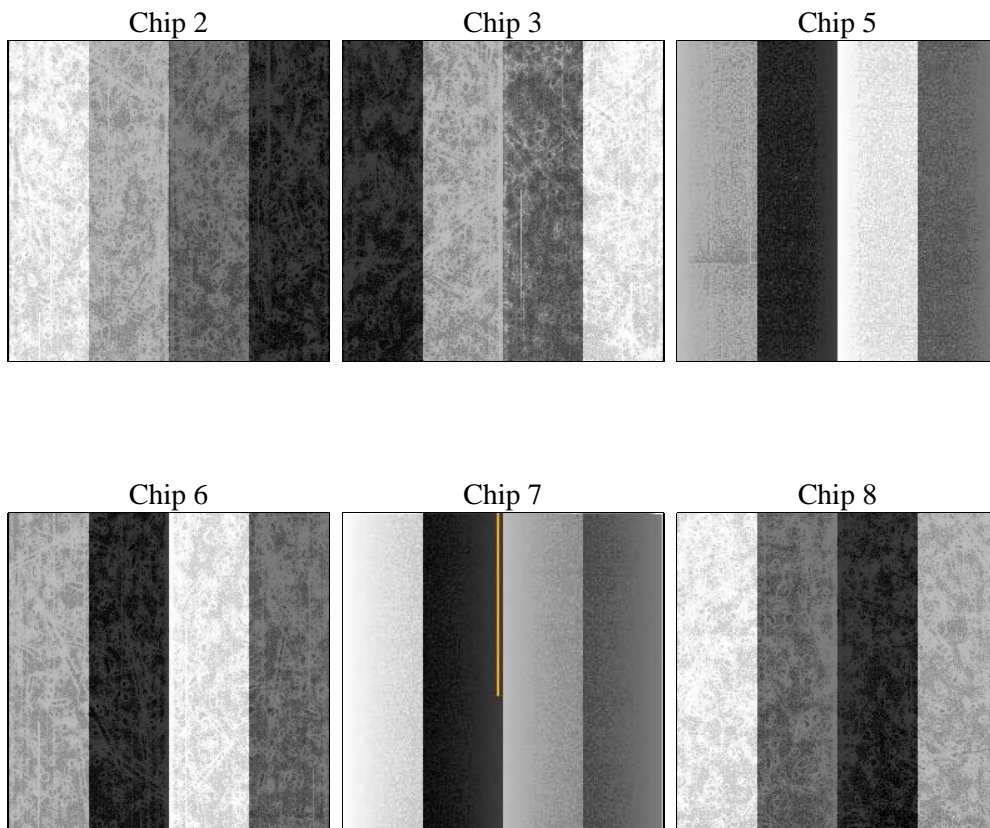
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1200.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1356.7999950051	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1356.7999950051	Sum of GTIs [s]
date	2012-05-21T09:49:59	Date and time of file creation	ontime3	1356.7999950051	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1356.7999950051	Sum of GTIs [s]
			ontime6	1356.7999950051	Sum of GTIs [s]
			ontime7	1356.7999950051	Sum of GTIs [s]
			ontime8	1356.7999950051	Sum of GTIs [s]
			l1events	104827	Number of level 1 events

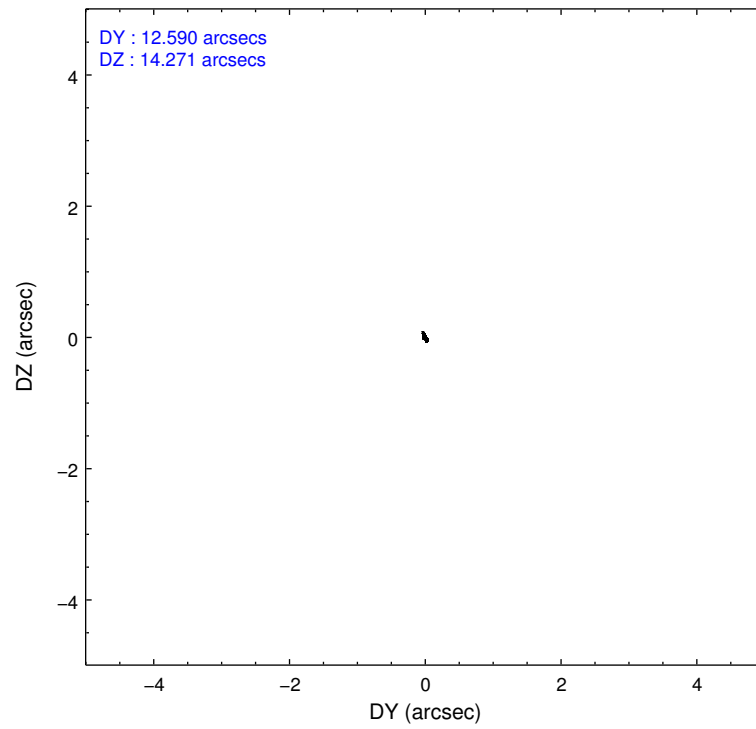
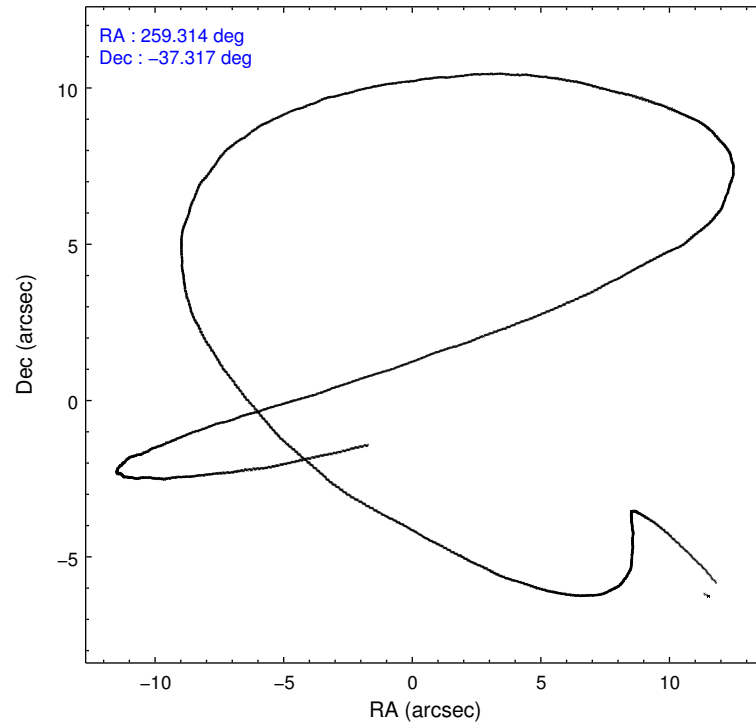
2.1.4 Events

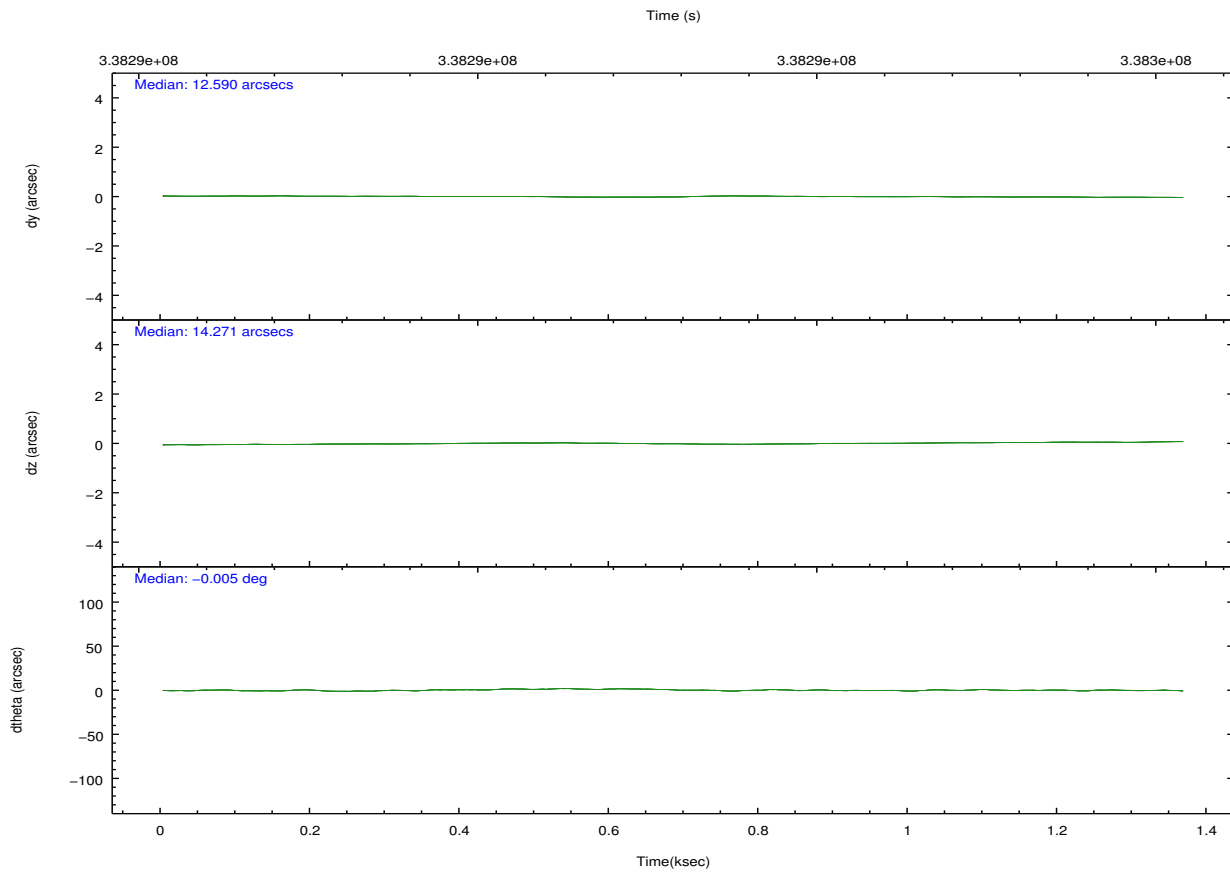
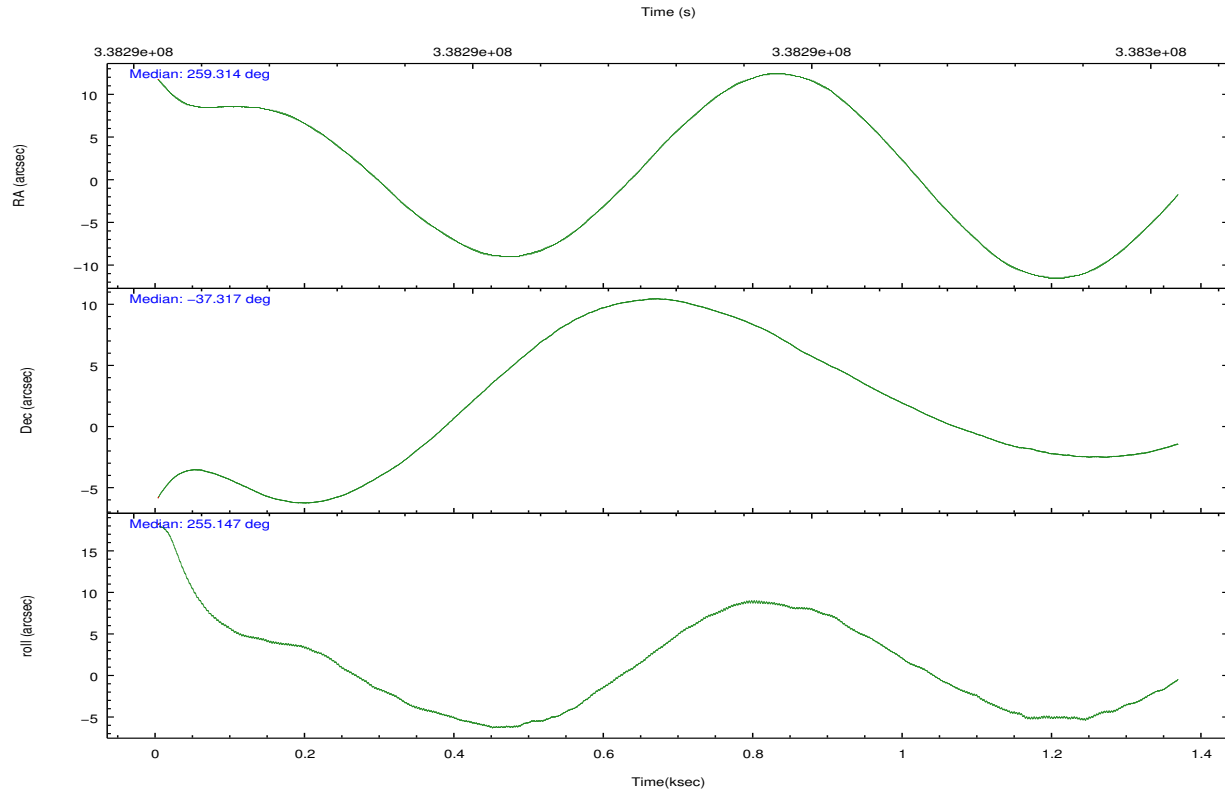
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	14483	13974	22619	14370	20711	18670	grade 0 events	718	798	1271	754	819	1389
rejected events	12900	12296	12643	12656	12554	14460		4%	5%	5%	5%	3%	7%
rejected %	89%	87%	55%	88%	60%	77%	grade 1 events	13	20	52	10	25	12
								0%	0%	0%	0%	0%	0%
							grade 2 events	378	356	3160	386	1758	1042
								2%	2%	13%	2%	8%	5%
							grade 3 events	160	159	369	157	781	395
								1%	1%	1%	1%	3%	2%
							grade 4 events	158	180	393	169	755	374
								1%	1%	1%	1%	3%	2%
							grade 5 events	554	648	1517	668	1914	954
								3%	4%	6%	4%	9%	5%
							grade 6 events	290	291	5458	389	4570	1233
								2%	2%	24%	2%	22%	6%
							grade 7 events	12212	11522	10399	11837	10089	13271
								84%	82%	45%	82%	48%	71%

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	259.304410	259.3137730546063	CCD I2 on	O2	Y
[deg] Pointing Dec	-37.290351	-37.31716397004122	CCD I3 on	O3	Y
[deg] Pointing Roll	254.995348	255.1577330556453	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	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O4	Y
[s] Observation start time (MET)	338293770.184000	338292606.19792	CCD S5 on	N	N
Observation start date	2008-09-20T10:28:25	2008-09-20T10:10:06	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	338294970.184000	338296030.21059	On-chip summing requested	N	N
Observation end date	2008-09-20T10:48:25	2008-09-20T11:07:10	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



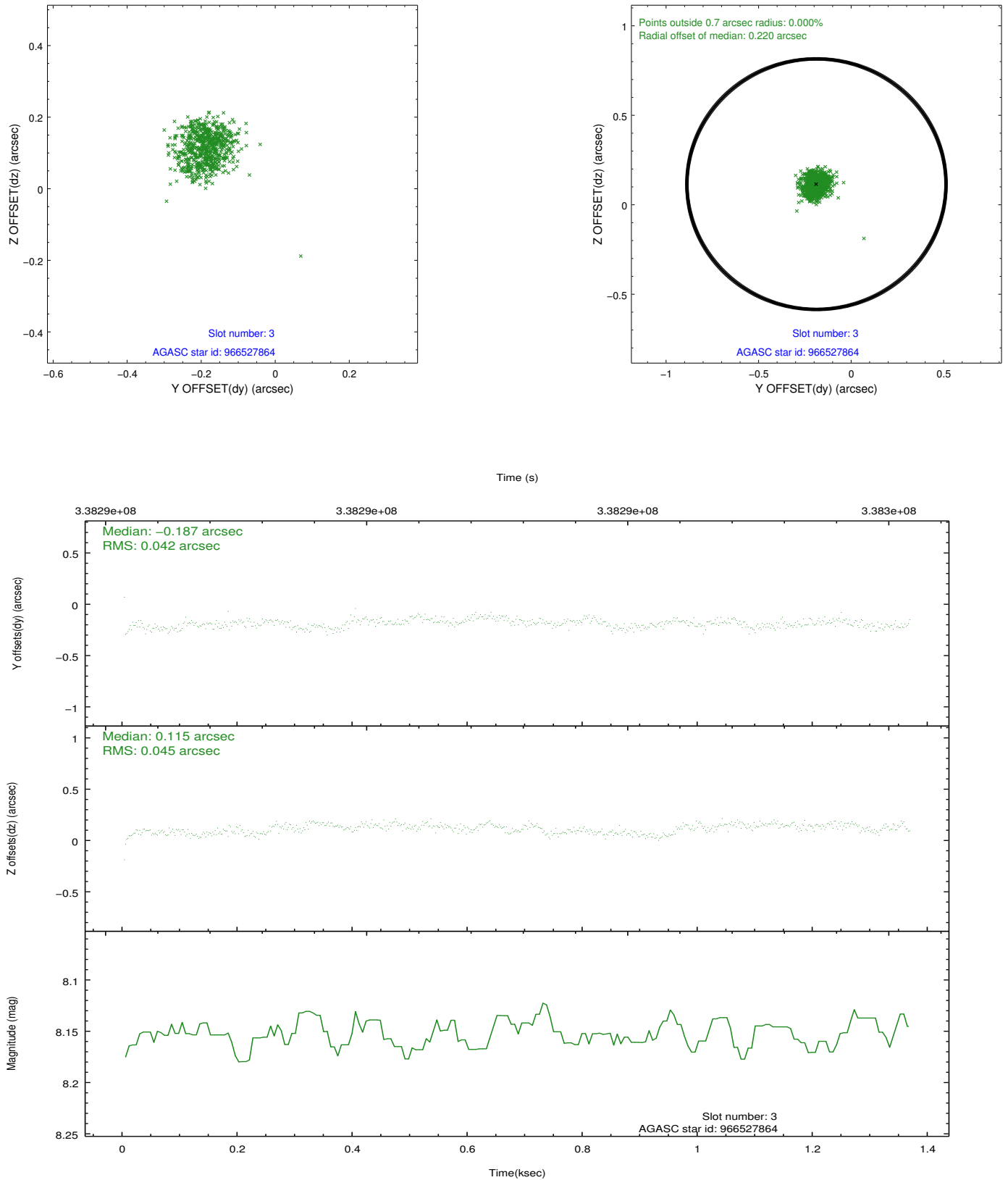


Slot Statistics

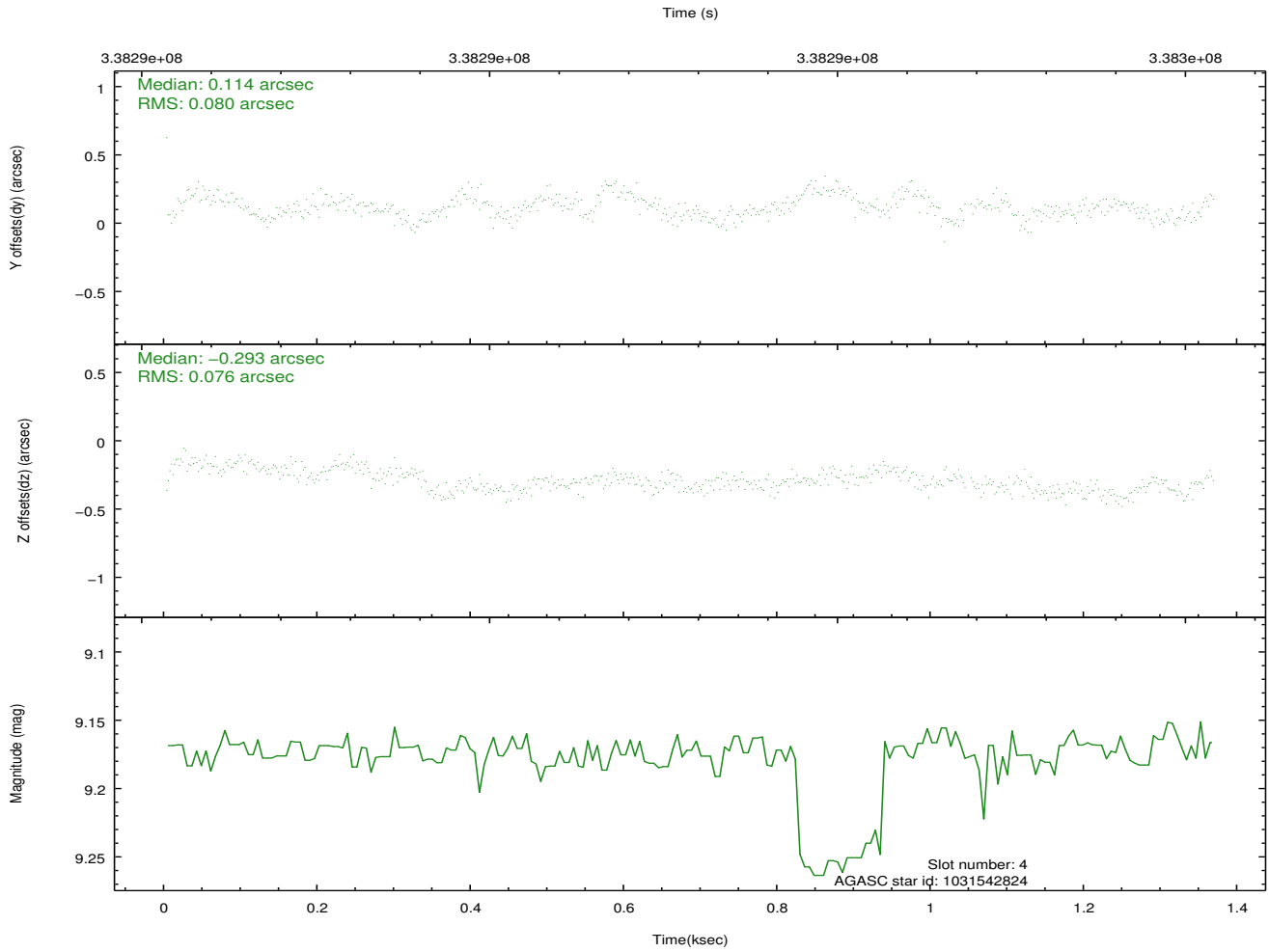
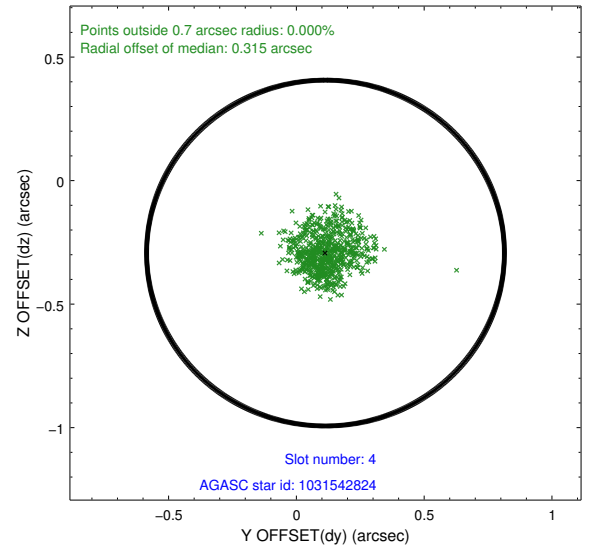
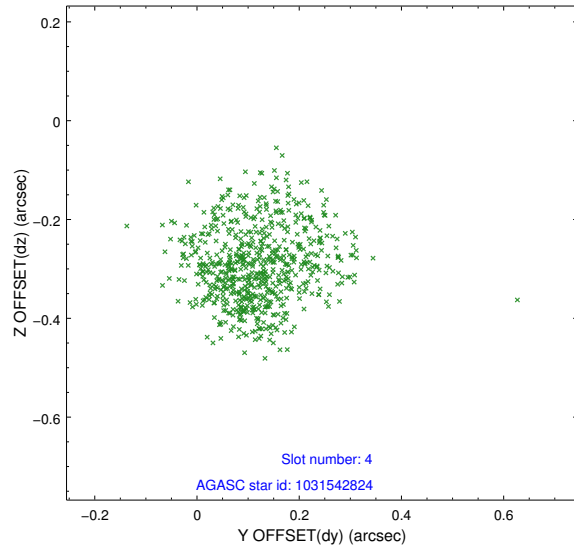
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.85	334	-0.024	0.007	0.007	0.011	0.000000	0.000000	-765.50	-1735.63
1	FID	ACIS-S-4	6.94	334	0.096	0.010	0.005	0.008	0.000000	0.000000	2145.66	167.84
2	FID	ACIS-S-5	6.97	333	-0.103	-0.009	0.006	0.009	0.000000	0.000000	-1812.20	166.99
3	GUIDE	966527864	8.15	667	-0.187	0.115	0.065	0.097	259.198901	-37.409371	490.43	-180.50
4	GUIDE	1031542824	9.17	664	0.114	-0.293	0.120	0.183	258.377451	-37.634213	1892.21	-2229.26
5	GUIDE	1031544936	9.05	667	0.090	-0.120	0.089	0.143	258.550668	-37.628655	1742.77	-1761.66
6	GUIDE	1031549280	8.17	667	0.169	0.201	0.060	0.099	259.850615	-38.003687	2084.57	2160.38
7	GUIDE	966525880	9.10	662	-0.189	0.105	0.086	0.142	260.250454	-37.024776	-1613.30	2385.21

2.4 Star Slots

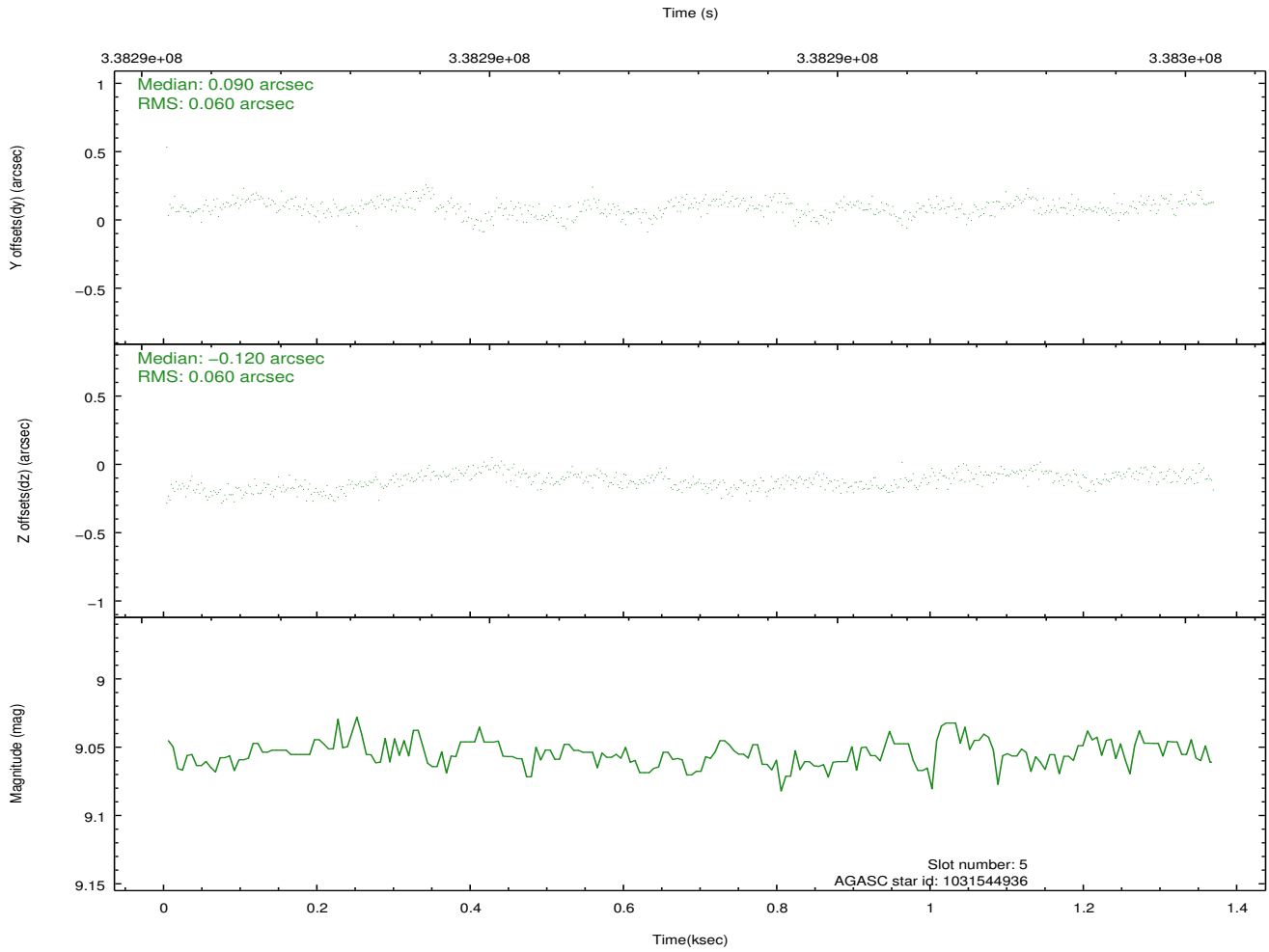
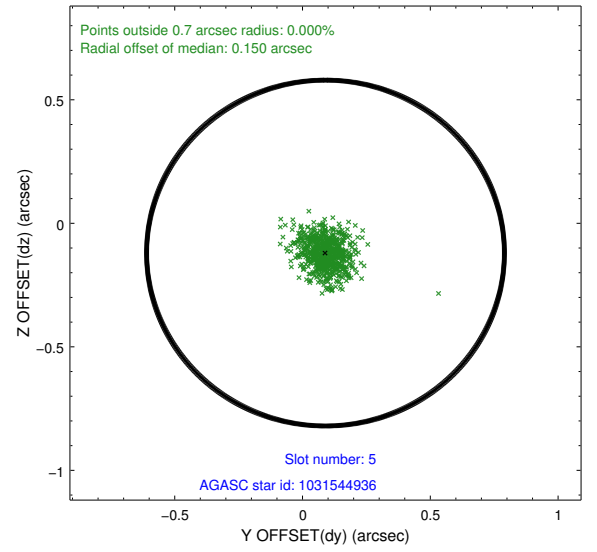
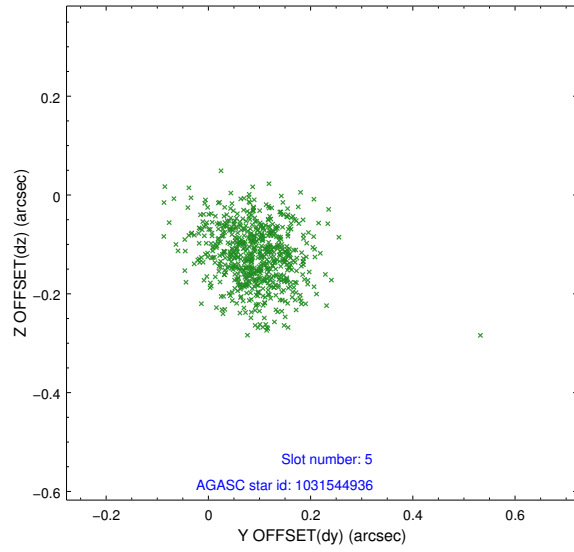
2.4.1 Slot 3



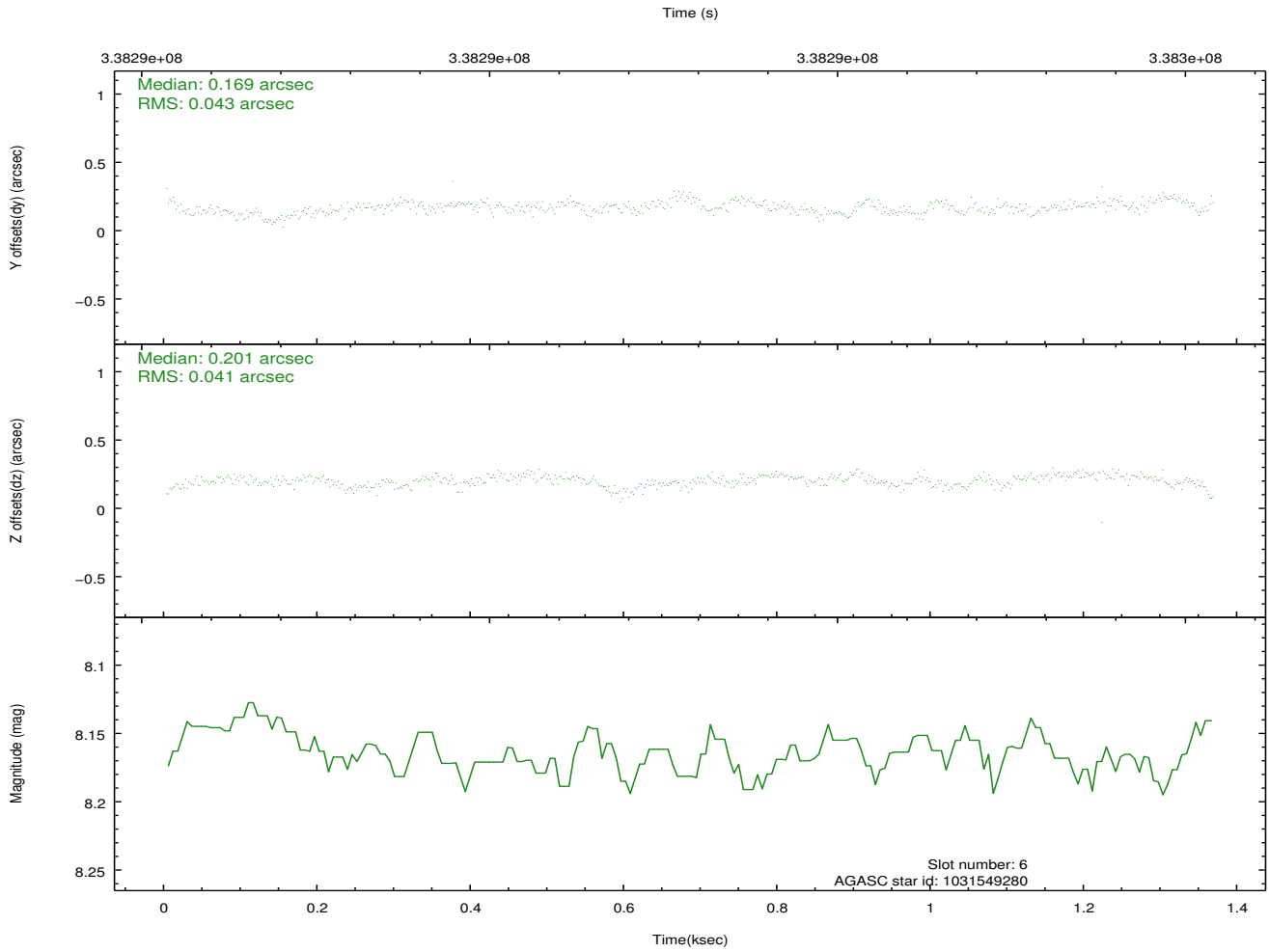
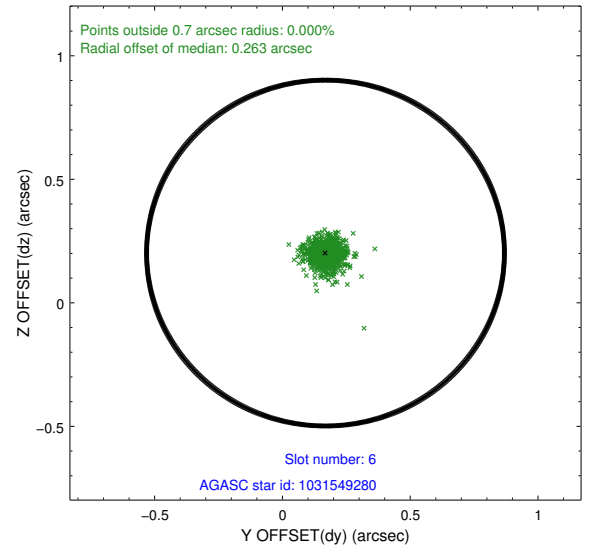
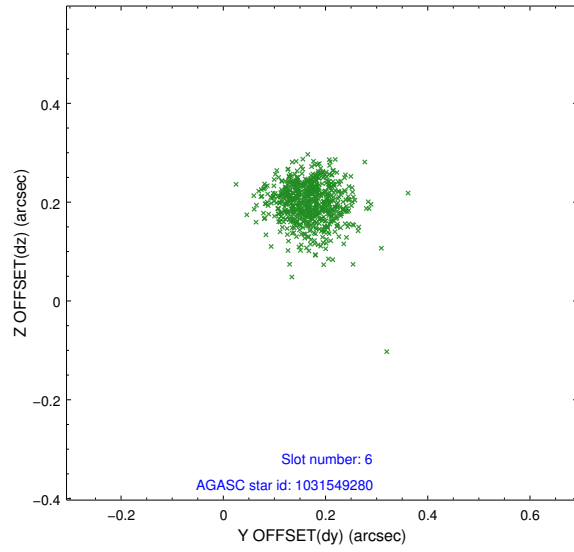
2.4.2 Slot 4



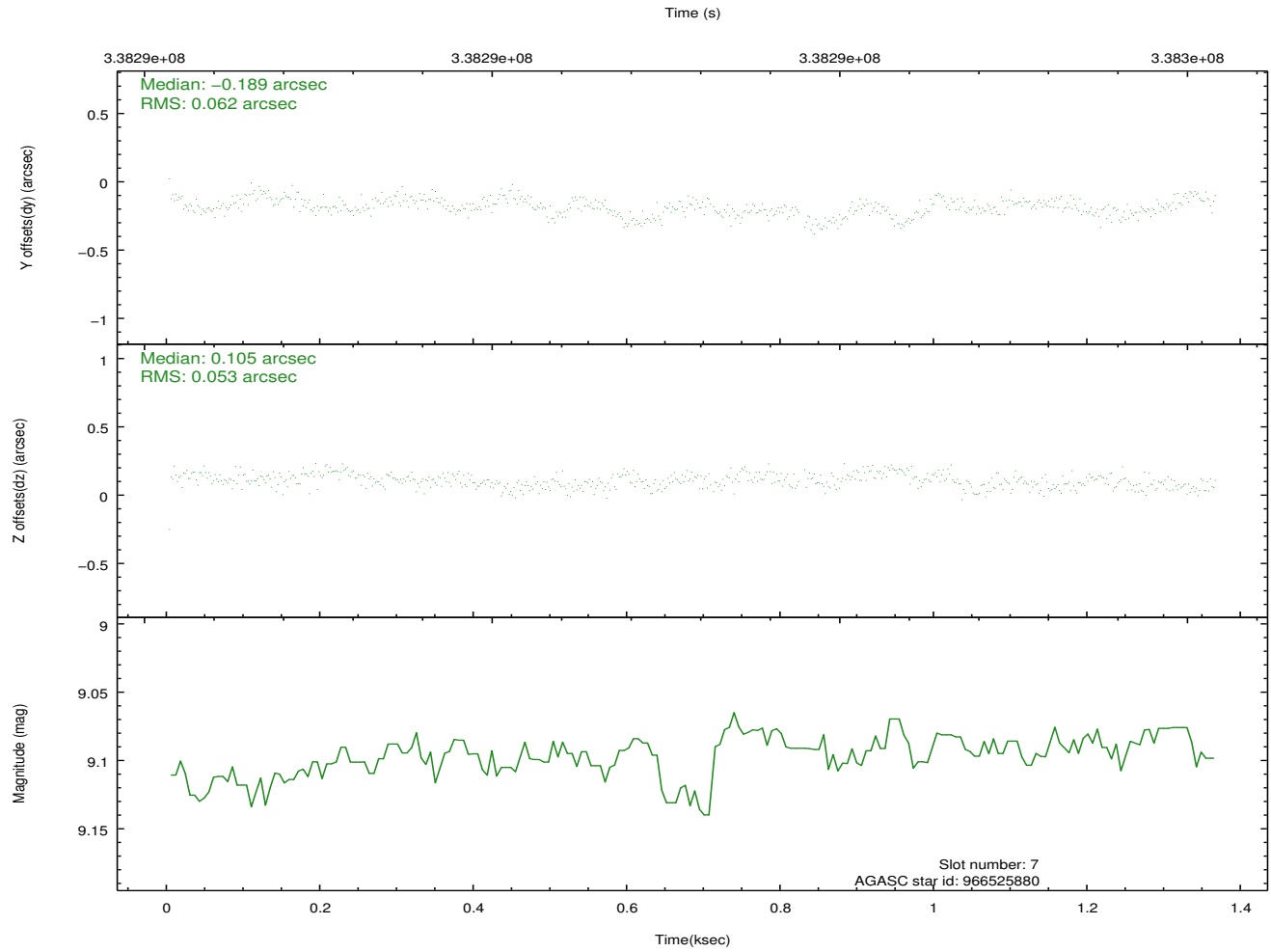
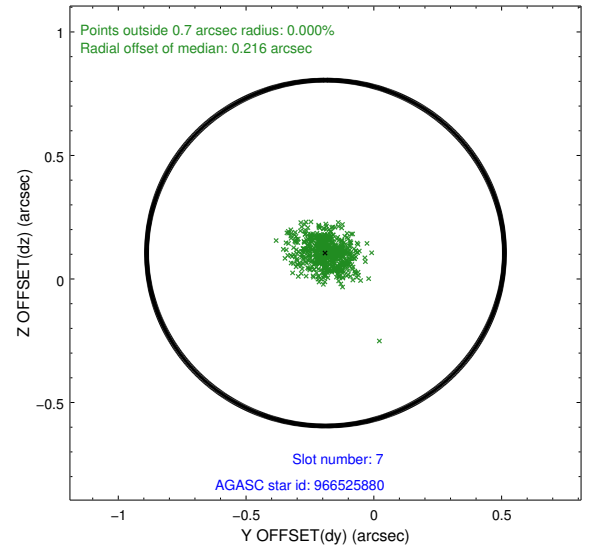
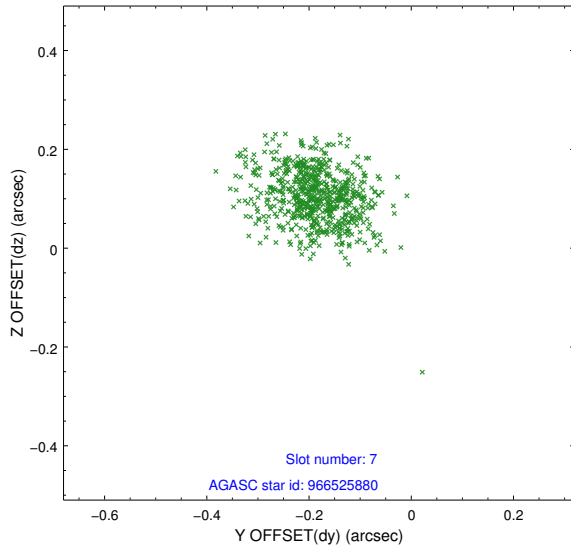
2.4.3 Slot 5



2.4.4 Slot 6

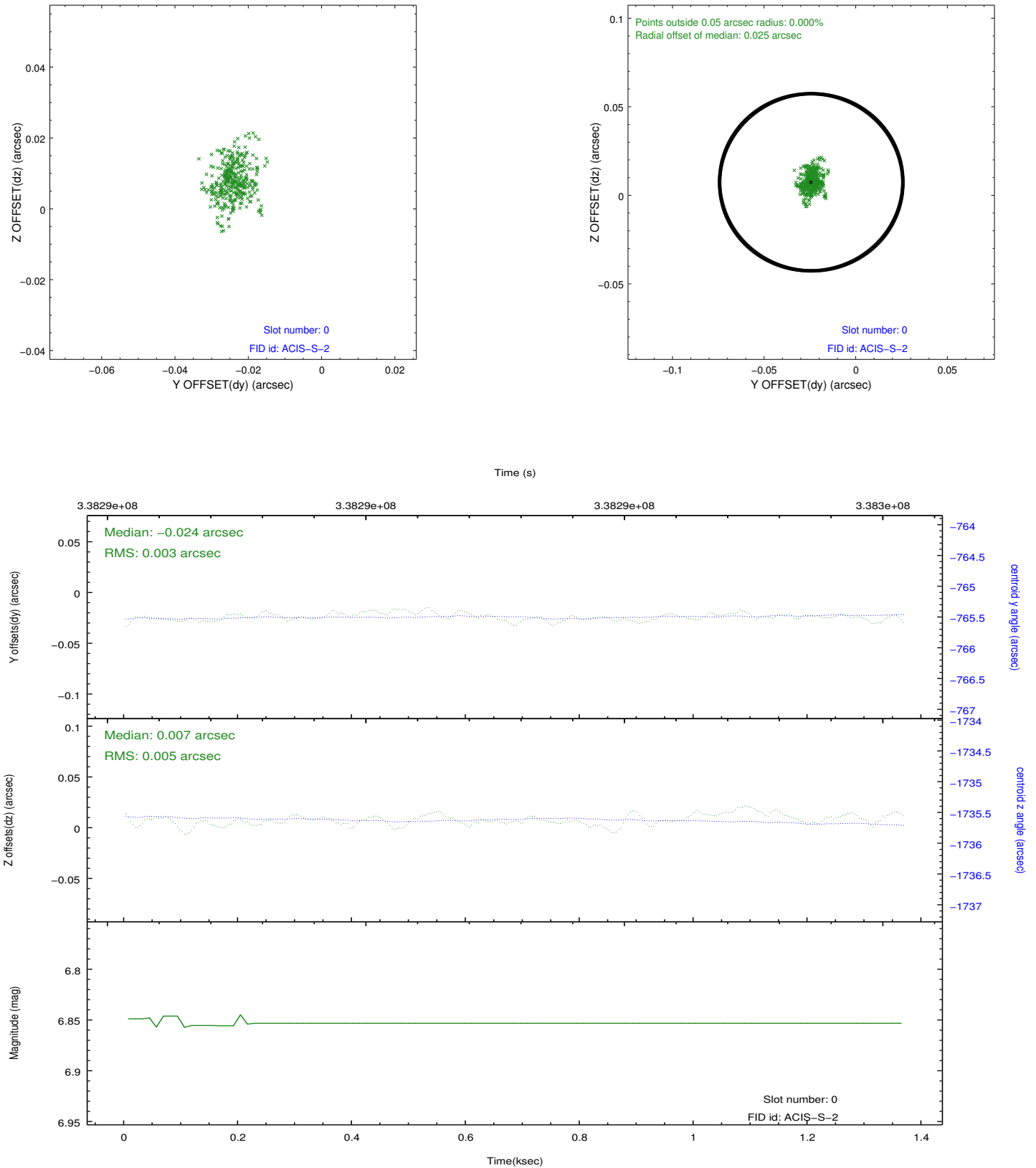


2.4.5 Slot 7

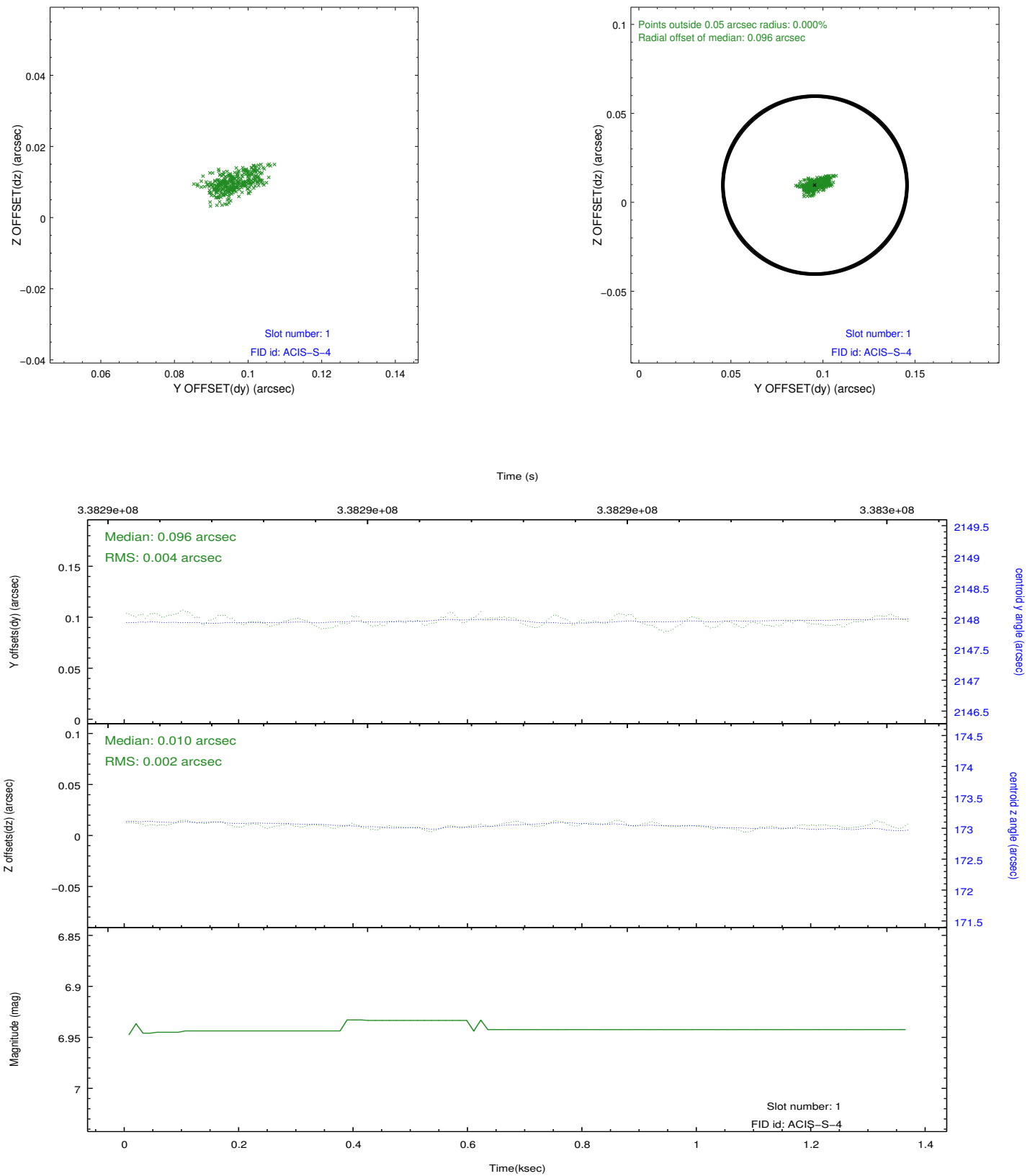


2.5 FID Slots

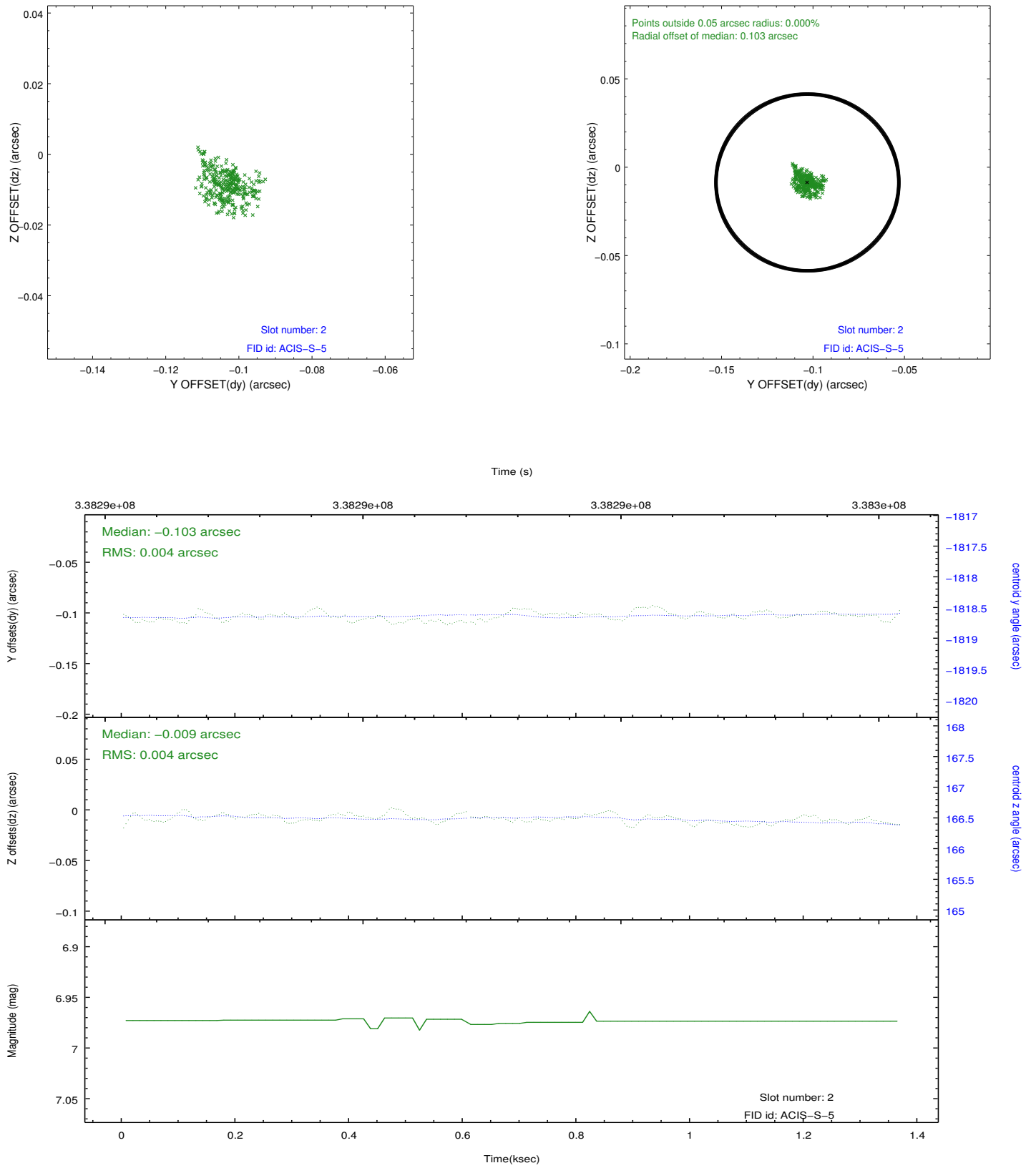
2.5.1 Slot 0



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)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.35679999

A.2 Comments