

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11883 - L2 Version 2
Chandra X-Ray Center

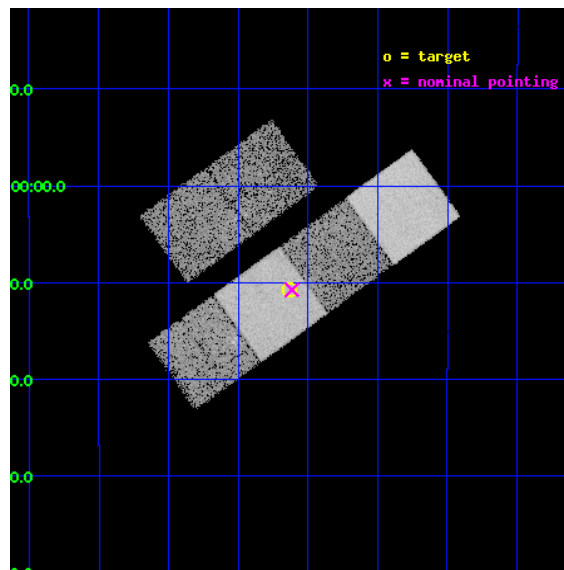
L2 Processing Date : Jun 28 2012

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1 Front

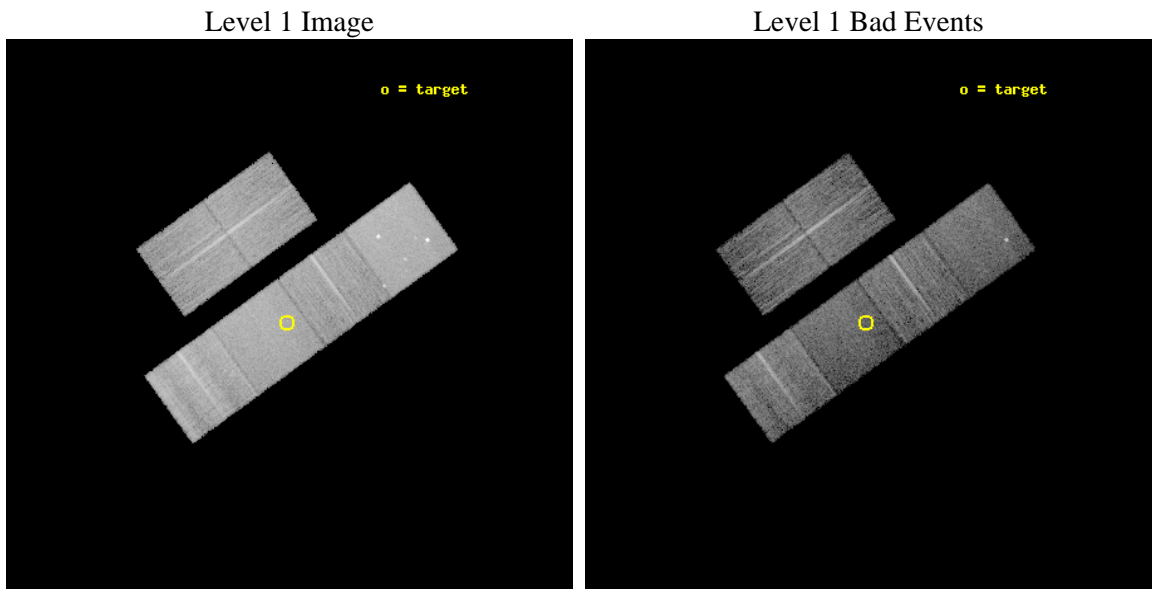
seq_num	900934	Sequence number
obs_id	11883	Observation id
title	GTO ChIcAGO: Chandra Identification of ASCA Galactic Objects	Propo
observer	Dr. Stephen Murray	Principal investigator
object	AX J182435-1311	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	276.15875	Observer's specified target RA [deg]
dec_targ	-13.179722	Observer's specified target Dec [deg]
ra_nom	276.15376905032	Nominal RA [deg]
dec_nom	-13.179356367099	Nominal Dec [deg]
roll_nom	144.12881493947	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10047.999962628	Sum of GTIs [s]
livetime	9920.7661369219	Livetime [s]
ontime2	10047.999962628	Sum of GTIs [s]
ontime3	10047.999962628	Sum of GTIs [s]
ontime5	10047.999962628	Sum of GTIs [s]
ontime6	10047.999962628	Sum of GTIs [s]
ontime7	10047.999962628	Sum of GTIs [s]
ontime8	10047.999962628	Sum of GTIs [s]
l2events	129373	Number of level 2 events



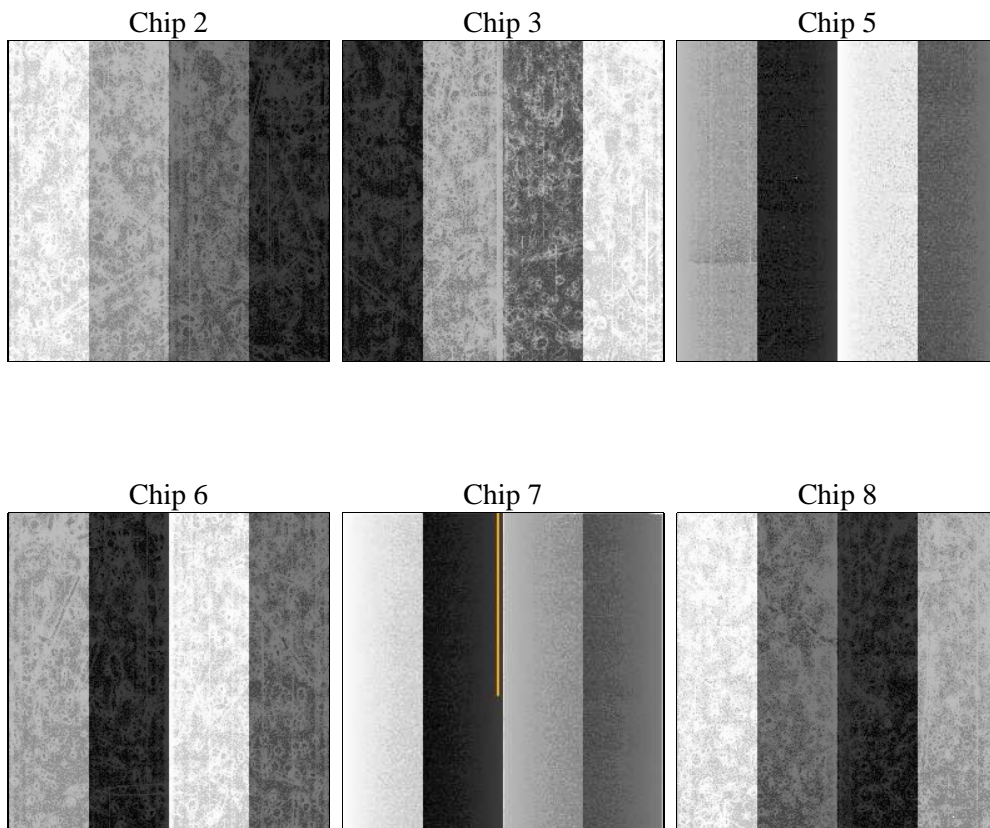
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10047.999962628	Sum of GTIs [s]
caldsver	4.5.0	 	ontime2	10047.999962628	Sum of GTIs [s]
date	2012-06-28T20:06:24	Date and time of file creation	ontime3	10047.999962628	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	10047.999962628	Sum of GTIs [s]
			ontime6	10047.999962628	Sum of GTIs [s]
			ontime7	10047.999962628	Sum of GTIs [s]
			ontime8	10047.999962628	Sum of GTIs [s]
			l1events	538390	Number of level 1 events

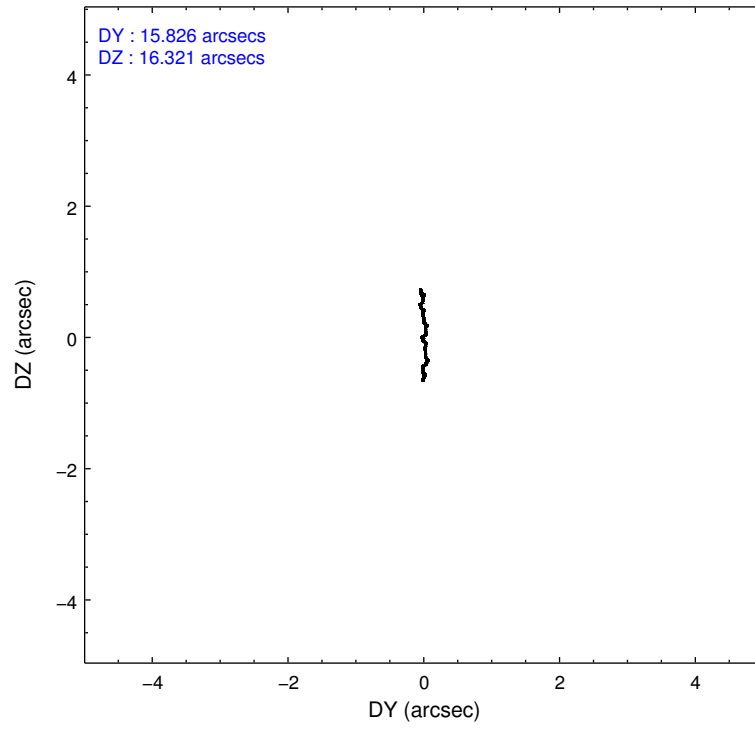
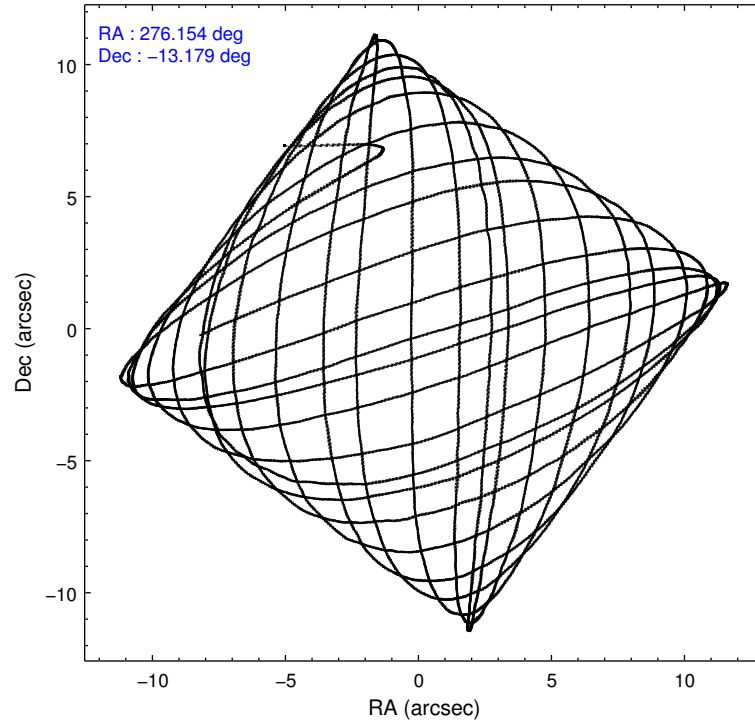
2.1.4 Events

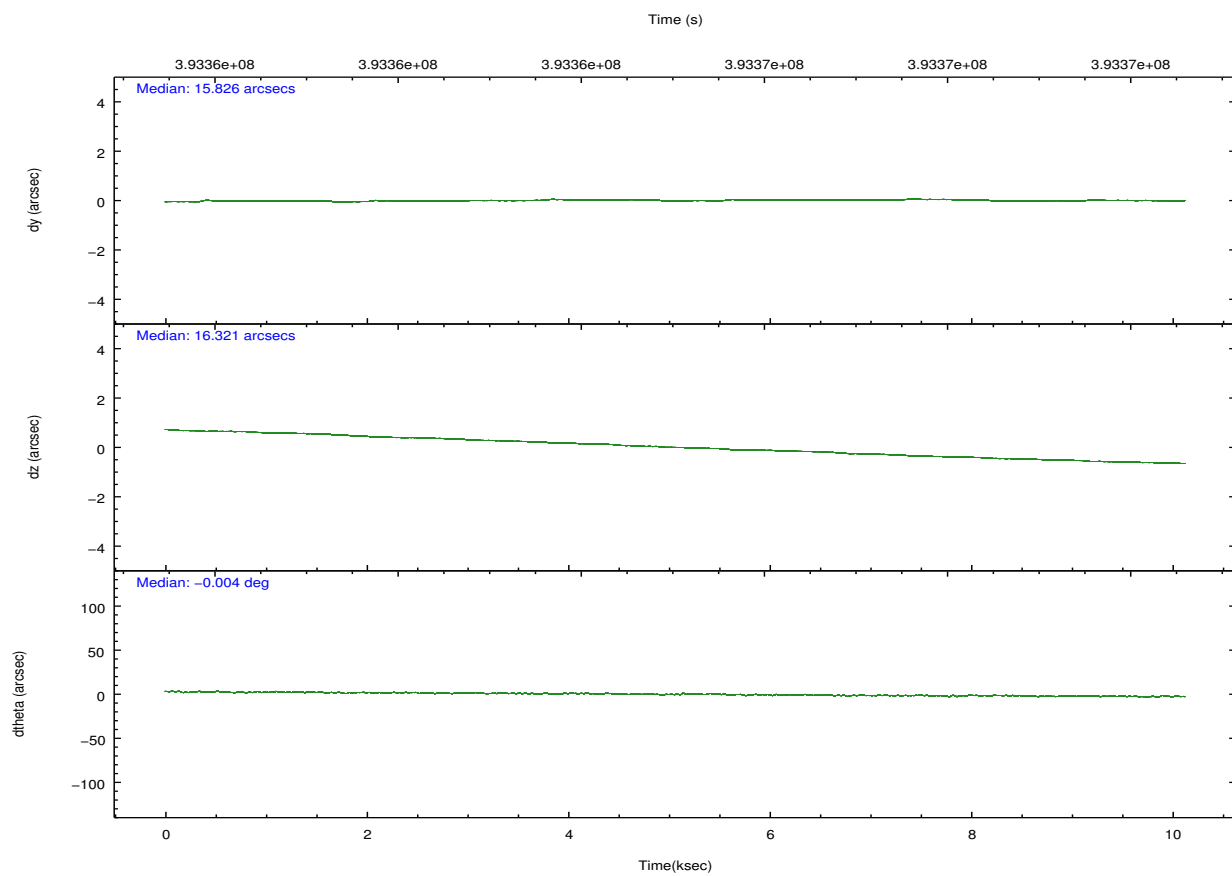
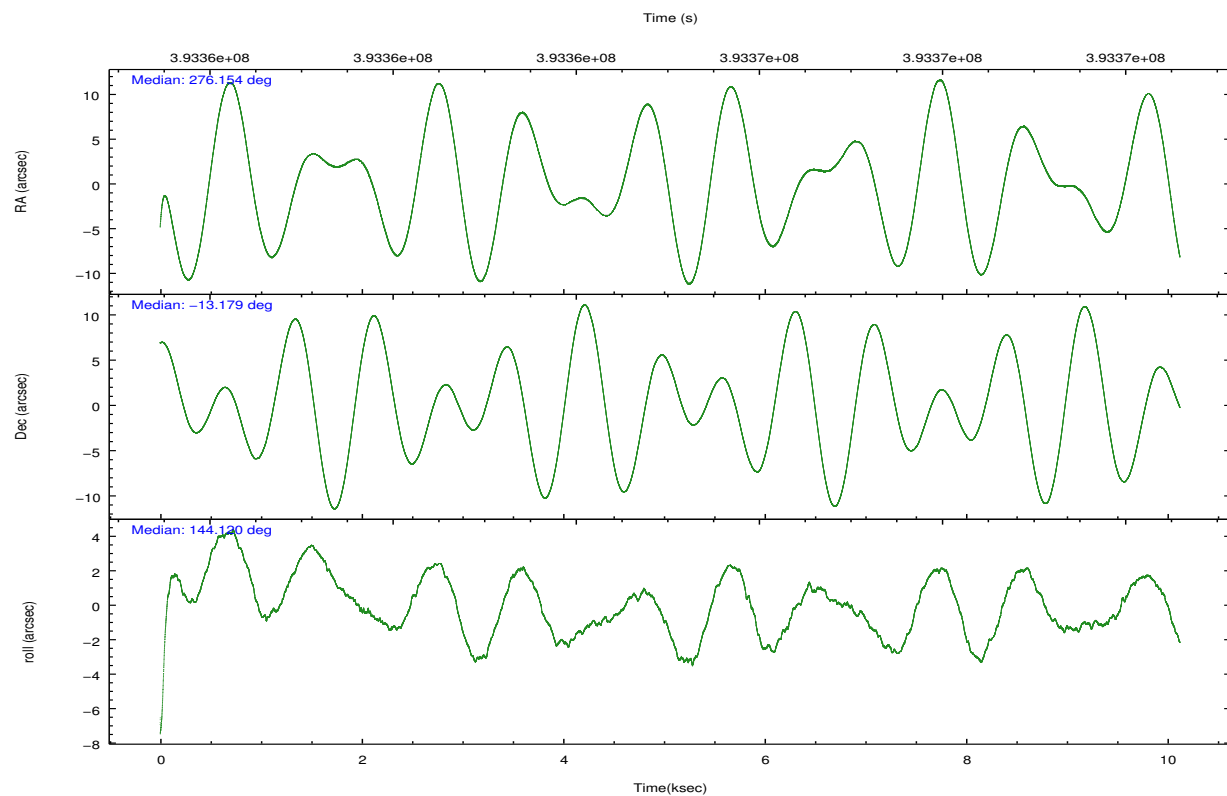
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	78036	73670	116409	76067	92975	101233	grade 0 events	3593	3701	6491	3780	4250	8793
rejected events	69058	64915	57556	66486	49839	73584		4%	5%	5%	4%	4%	8%
rejected %	88%	88%	49%	87%	53%	72%	grade 1 events	55	48	256	41	112	84
								0%	0%	0%	0%	0%	0%
							grade 2 events	2071	1771	18252	2071	8981	6428
								2%	2%	15%	2%	9%	6%
							grade 3 events	872	904	2487	975	3920	2710
								1%	1%	2%	1%	4%	2%
							grade 4 events	879	888	2189	947	3771	2569
								1%	1%	1%	1%	4%	2%
							grade 5 events	2855	3386	9134	3431	9513	4911
								3%	4%	7%	4%	10%	4%
							grade 6 events	1574	1495	29472	1814	22234	7161
								2%	2%	25%	2%	23%	7%
							grade 7 events	66137	61477	48128	63008	40194	68577
								84%	83%	41%	82%	43%	67%

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	276.181756	276.153769050322	CCD I2 on	O2	Y
[deg] Pointing Dec	-13.181792	-13.17935636709903	CCD I3 on	O3	Y
[deg] Pointing Roll	143.978568	144.1288149394715	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)	393360085.184000	393358781.33153	CCD S5 on	N	N
Observation start date	2010-06-19T18:40:19	2010-06-19T18:19:41	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	393370085.184000	393370529.88213	On-chip summing requested	N	N
Observation end date	2010-06-19T21:26:59	2010-06-19T21:35:29	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



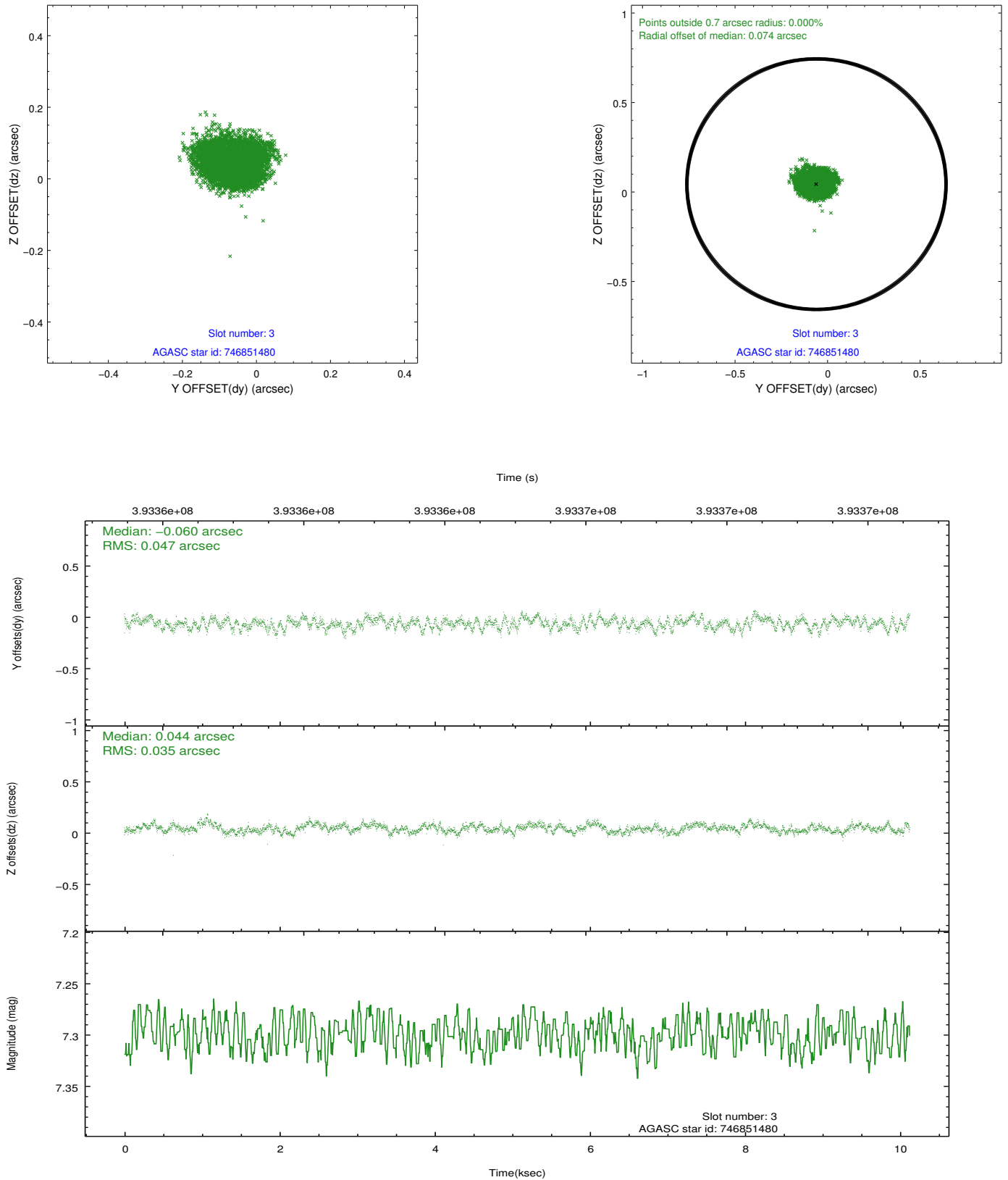


Slot Statistics

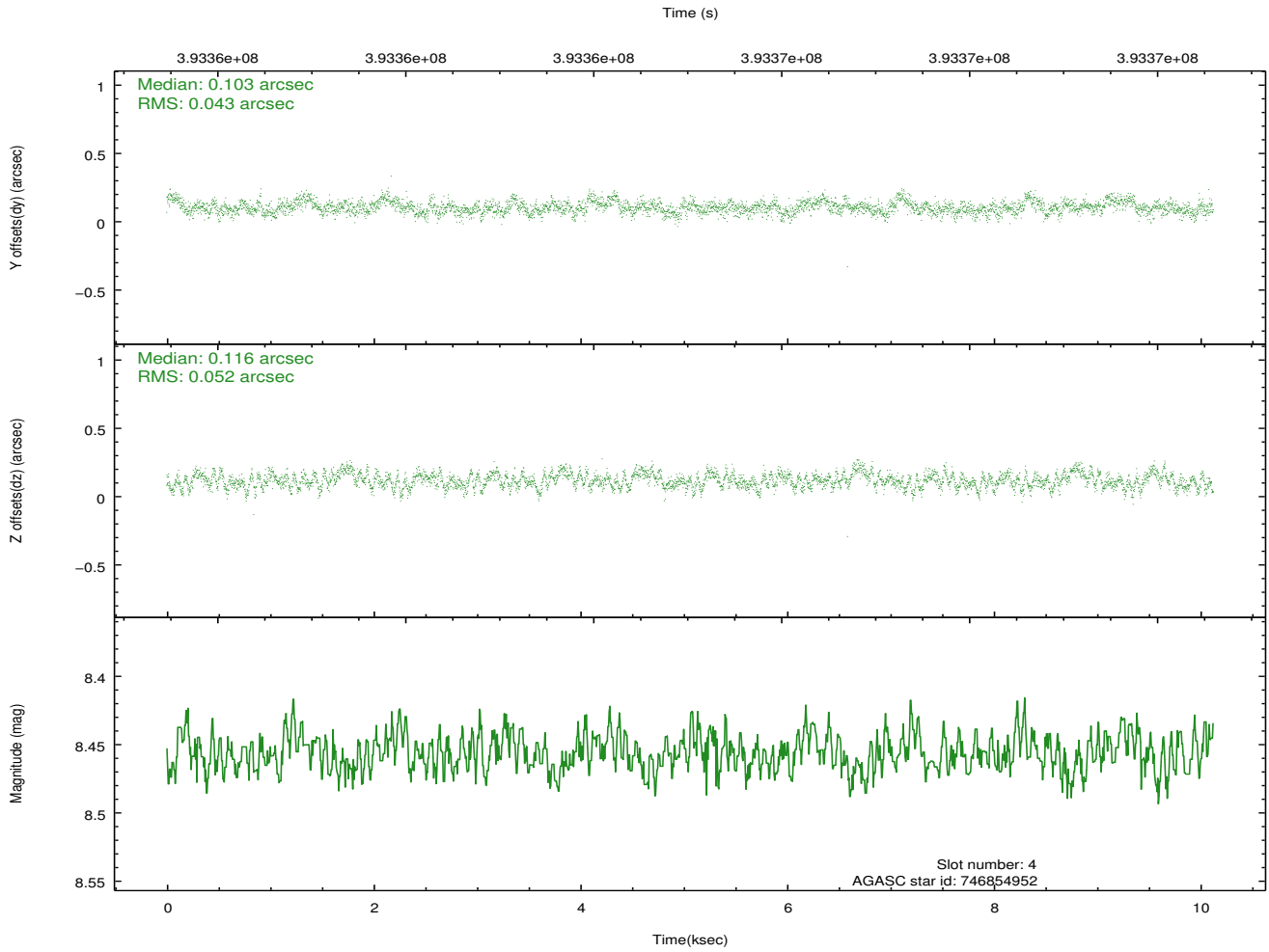
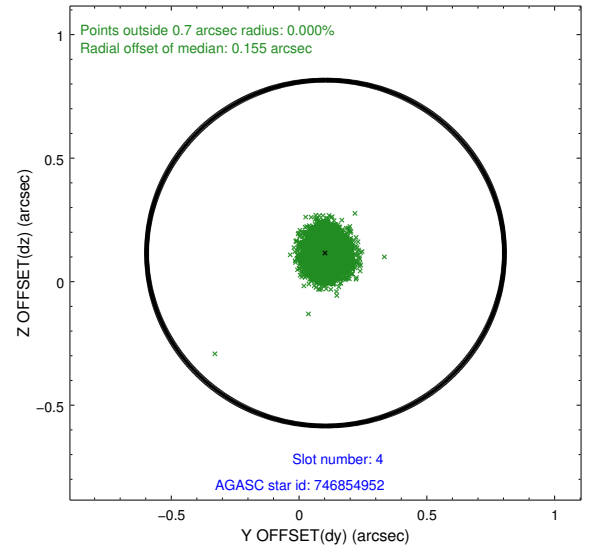
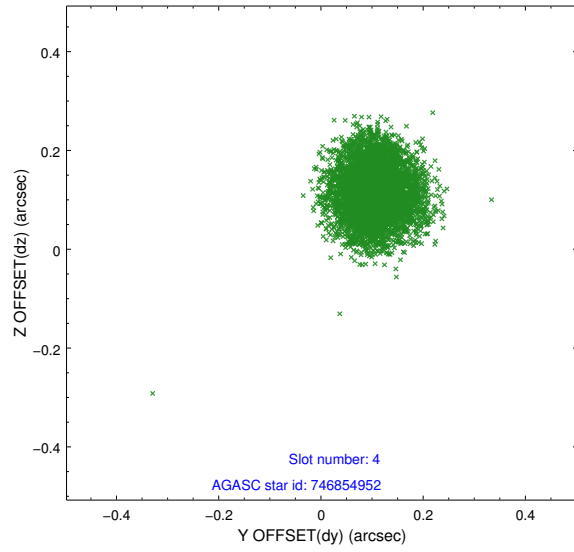
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.85	2470	-0.081	-0.008	0.013	0.019	0.000000	0.000000	-768.92	-1737.76
1	FID	ACIS-S-4	6.93	2470	0.154	0.041	0.007	0.012	0.000000	0.000000	2144.37	170.21
2	FID	ACIS-S-5	6.95	2468	-0.104	-0.026	0.012	0.021	0.000000	0.000000	-1821.10	164.44
3	GUIDE	746851480	7.30	4939	-0.060	0.044	0.063	0.100	275.998802	-12.584966	1783.65	-1359.01
4	GUIDE	746854952	8.46	4935	0.103	0.116	0.072	0.113	276.590453	-12.990635	-754.70	-1398.81
5	GUIDE	746872264	7.43	4938	-0.142	0.154	0.051	0.088	276.174051	-12.475071	1518.33	-2041.50
6	GUIDE	747374800	6.38	4940	0.095	-0.118	0.089	0.137	276.313309	-13.978417	-2058.16	2048.79
7	GUIDE	747384584	7.54	4939	0.008	-0.201	0.060	0.097	275.823210	-13.594301	140.31	1940.13

2.4 Star Slots

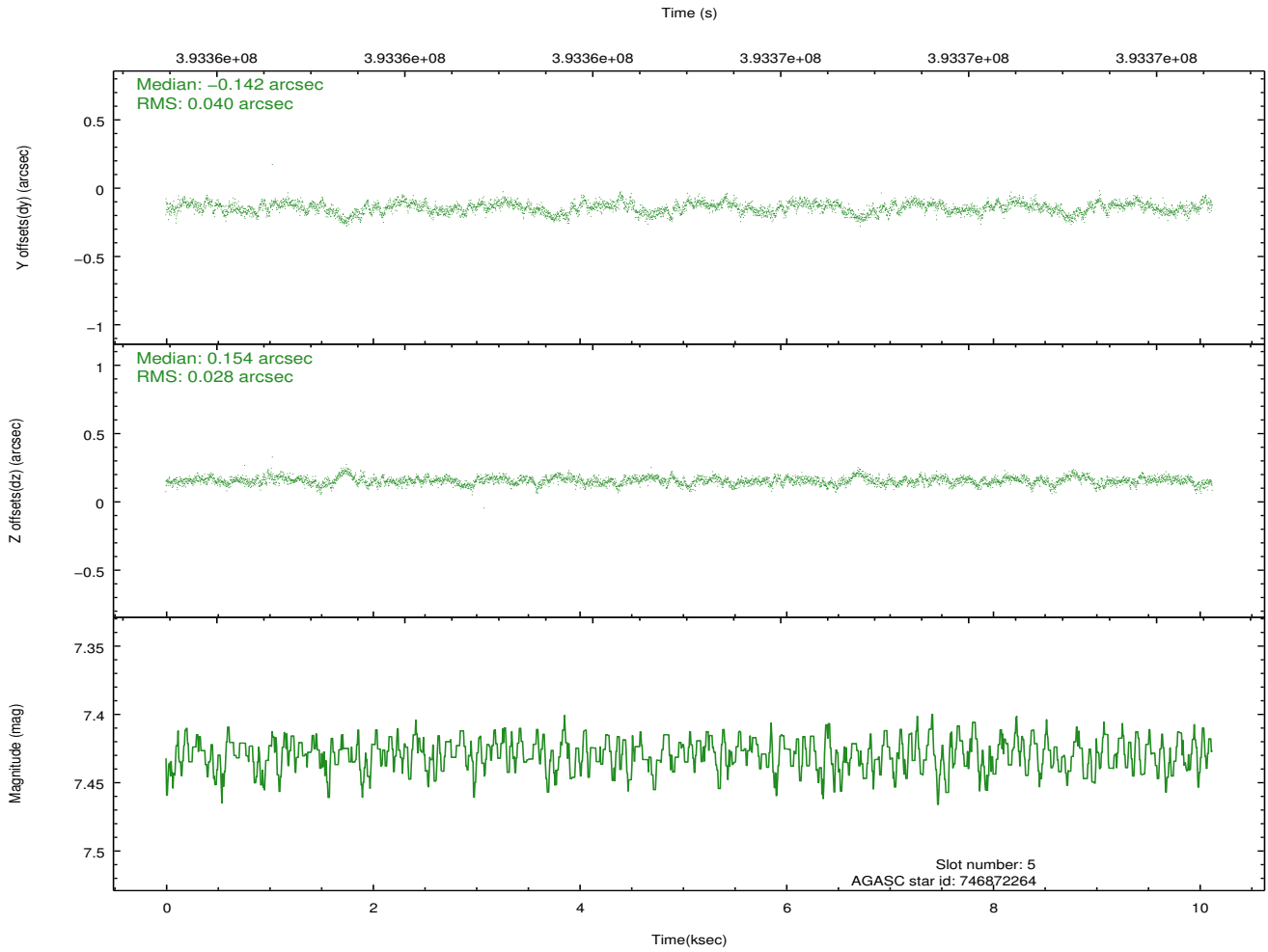
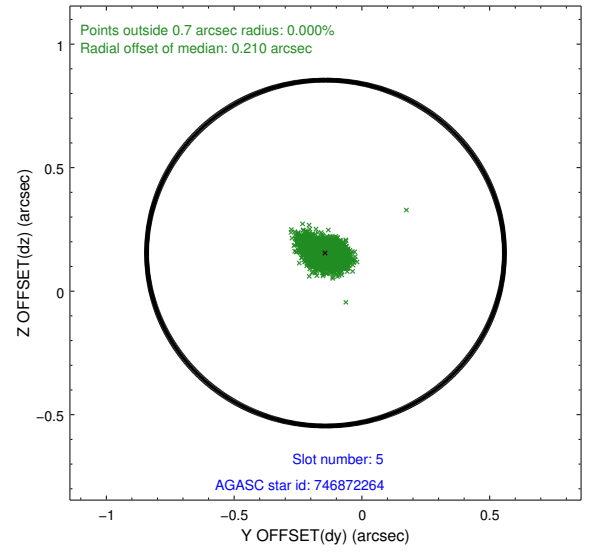
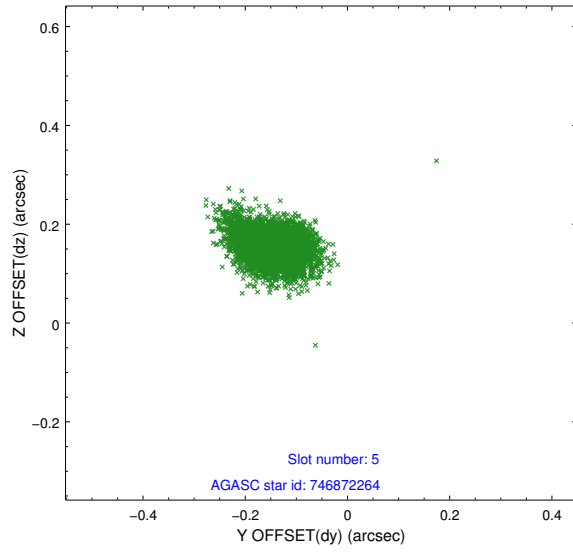
2.4.1 Slot 3



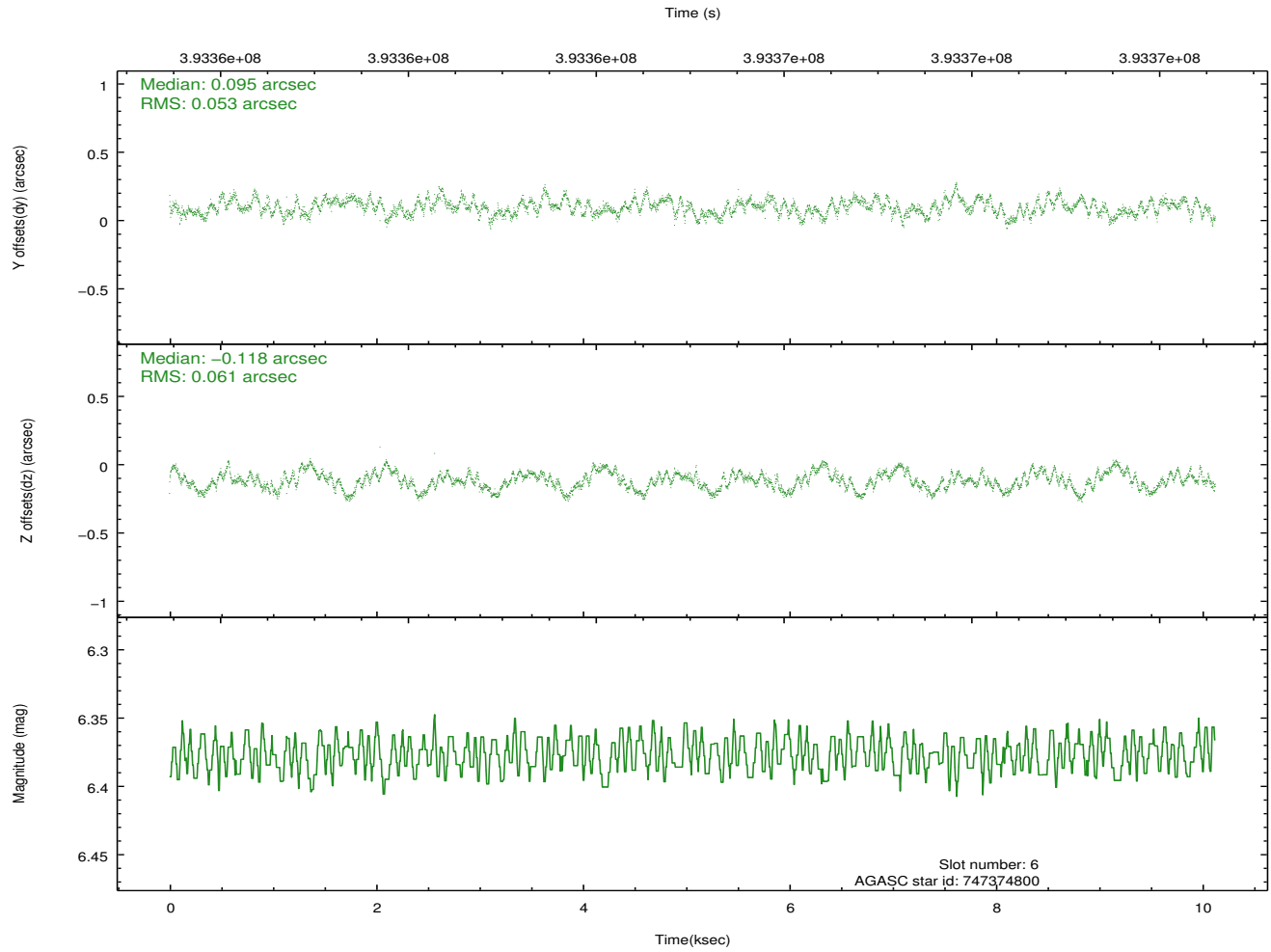
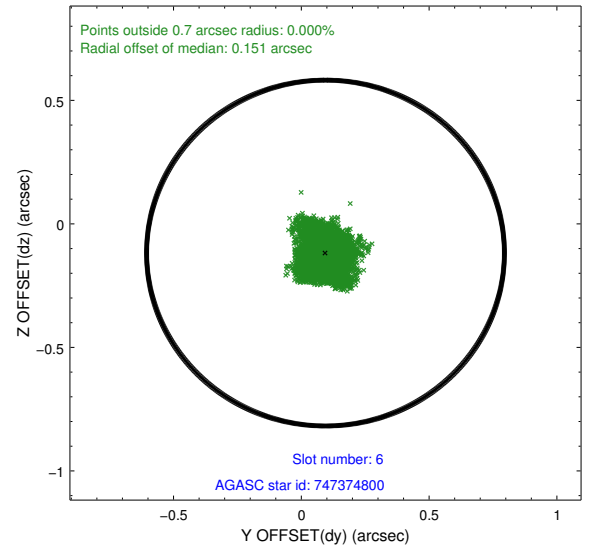
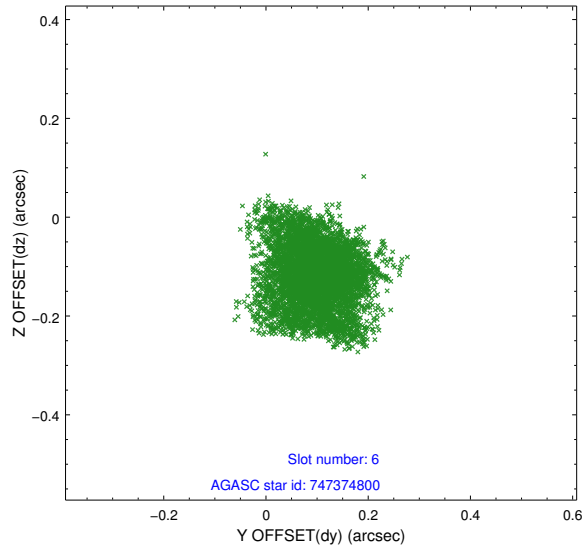
2.4.2 Slot 4



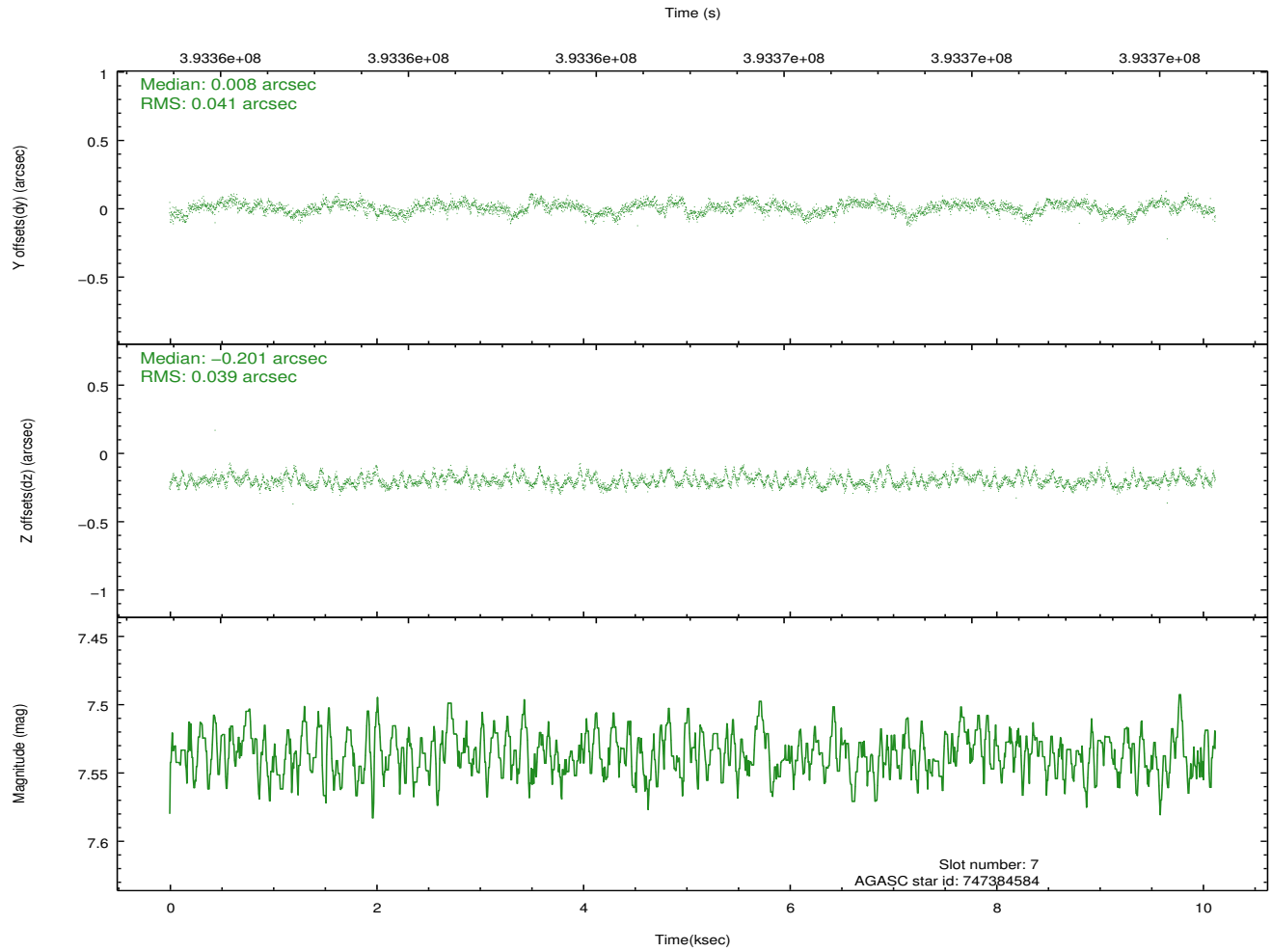
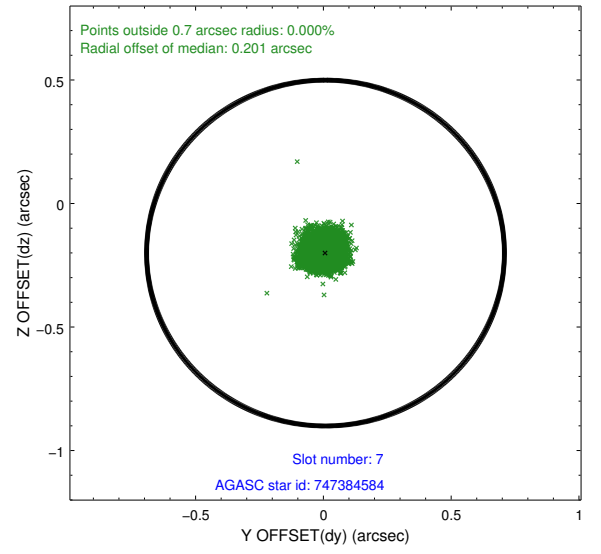
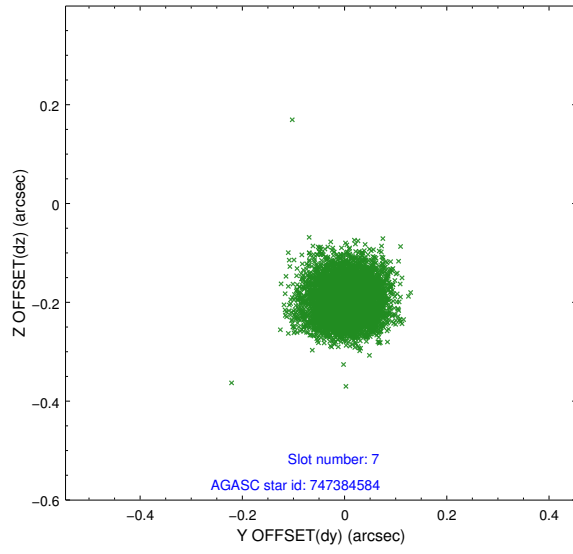
2.4.3 Slot 5



2.4.4 Slot 6

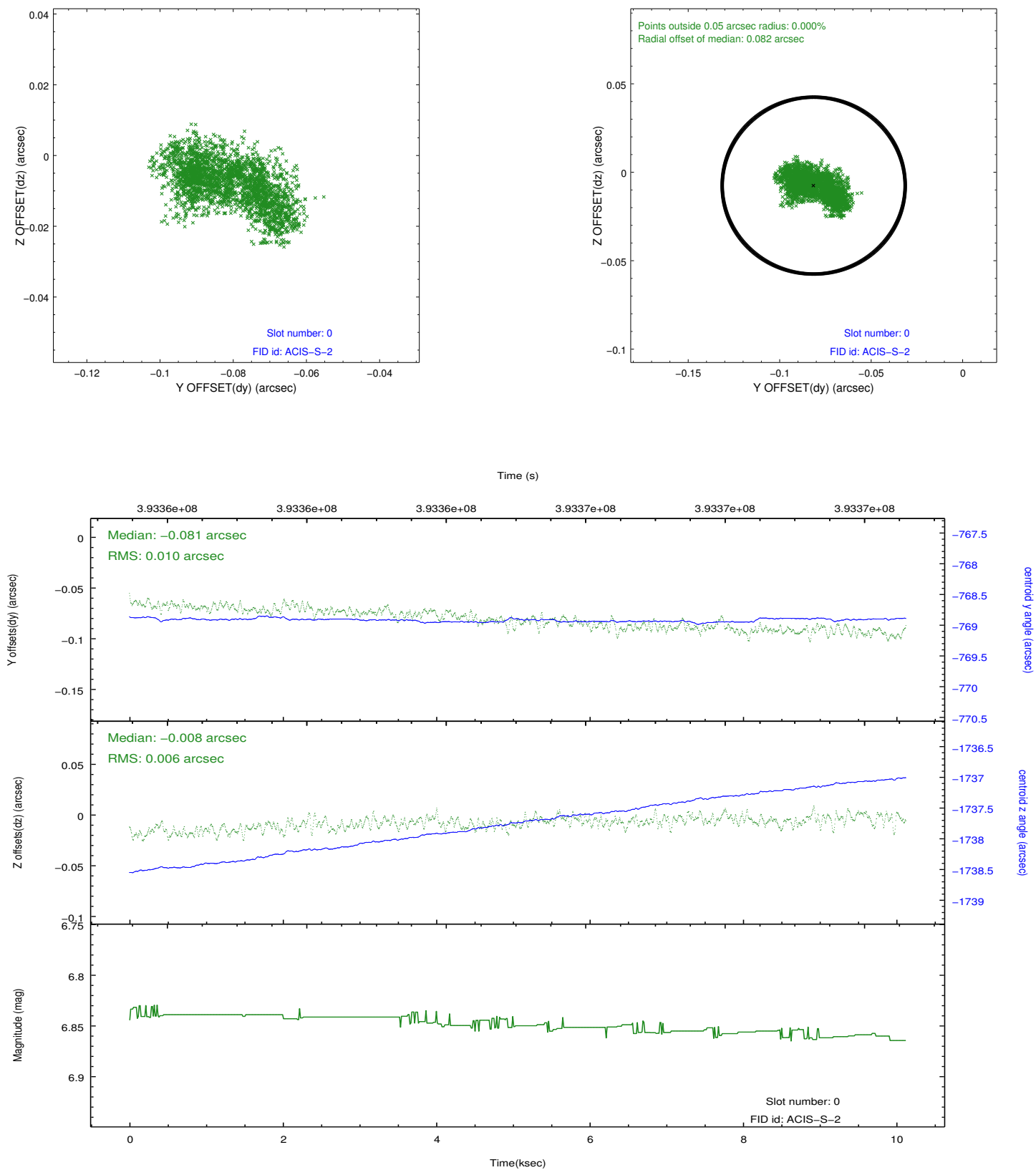


2.4.5 Slot 7

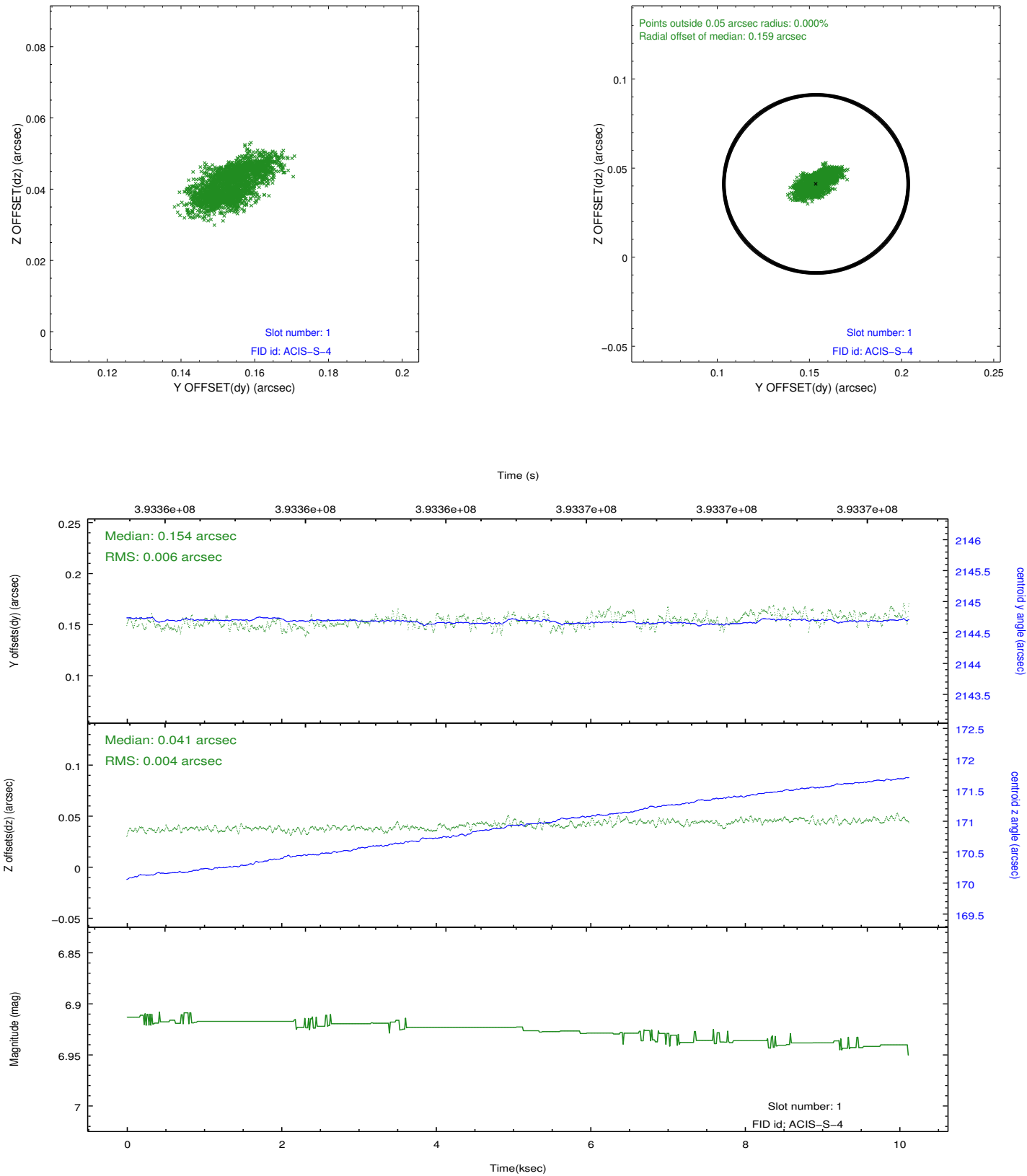


2.5 FID Slots

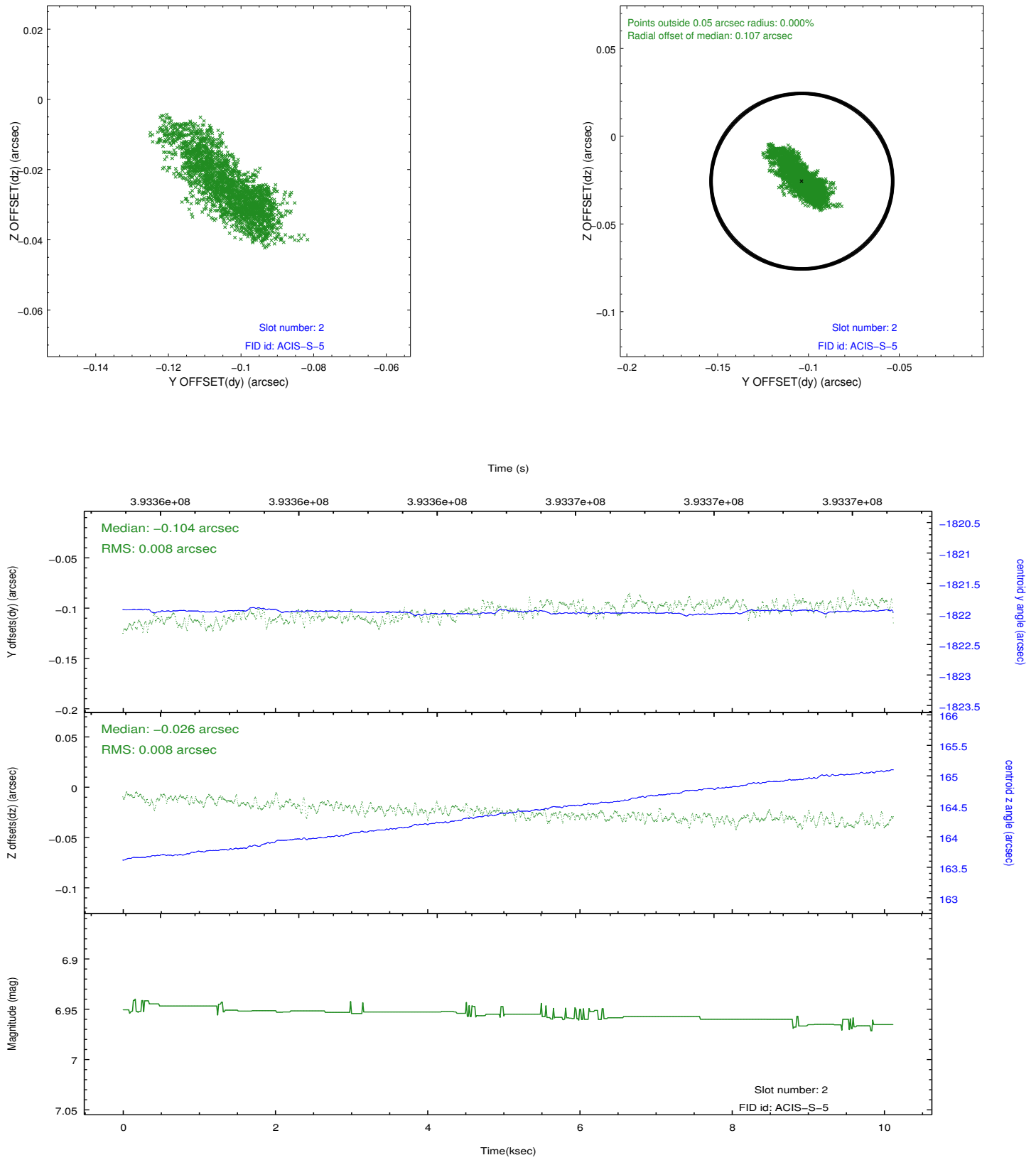
2.5.1 Slot 0



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)	2012.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.047999962628

A.2 Comments