

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11884 - L2 Version 2
Chandra X-Ray Center

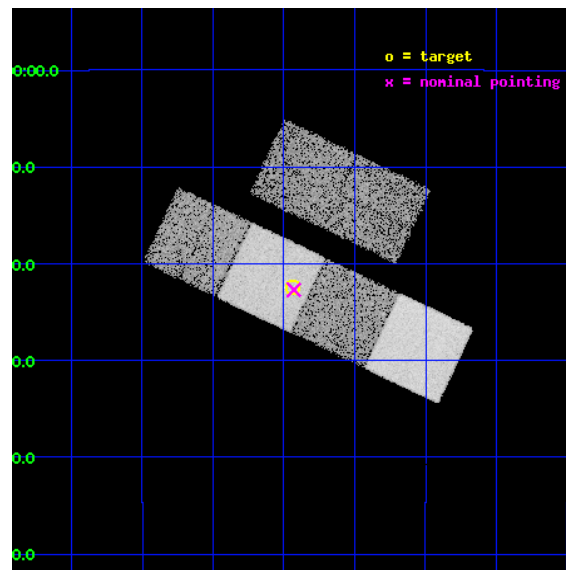
L2 Processing Date : Jun 29 2012

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1 Front

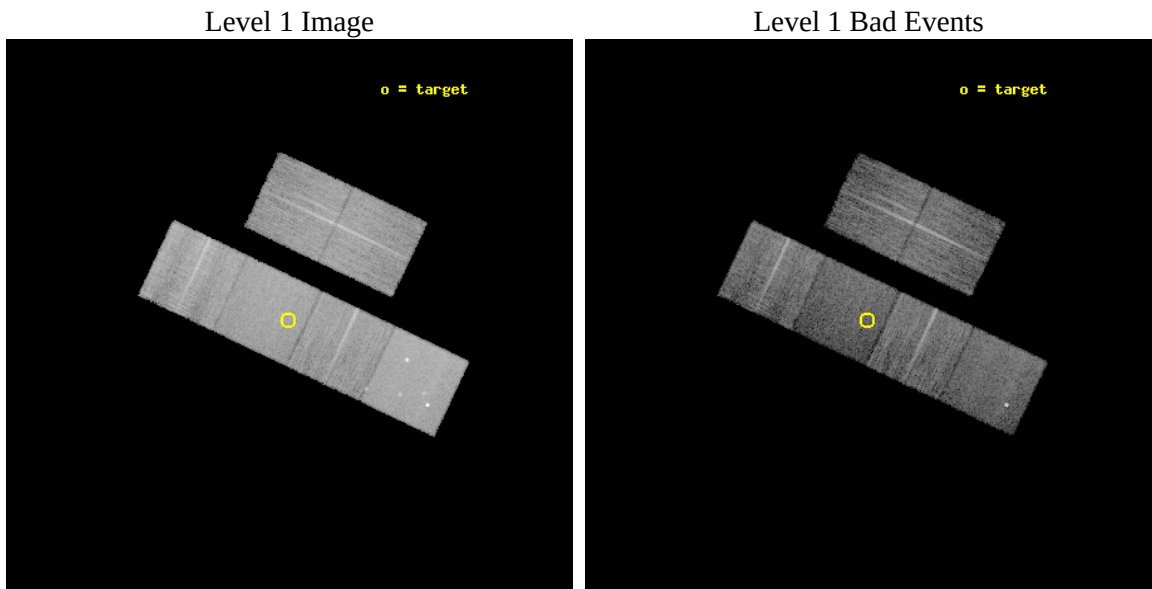
seq_num	900935	Sequence number
obs_id	11884	Observation id
title	GTO ChIcAGO: Chandra Identification of ASCA Galactic Objects	Propo
observer	Dr. Stephen Murray	Principal investigator
object	AX J183356-0822	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	278.485	Observer's specified target RA [deg]
dec_targ	-8.374361	Observer's specified target Dec [deg]
ra_nom	278.48234468981	Nominal RA [deg]
dec_nom	-8.3784812621827	Nominal Dec [deg]
roll_nom	205.2830655853	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10044.79996264	Sum of GTIs [s]
livetime	9917.6066572605	Livetime [s]
ontime2	10044.79996264	Sum of GTIs [s]
ontime3	10044.79996264	Sum of GTIs [s]
ontime5	10044.79996264	Sum of GTIs [s]
ontime6	10044.79996264	Sum of GTIs [s]
ontime7	10044.79996264	Sum of GTIs [s]
ontime8	10044.79996264	Sum of GTIs [s]
l2events	126215	Number of level 2 events



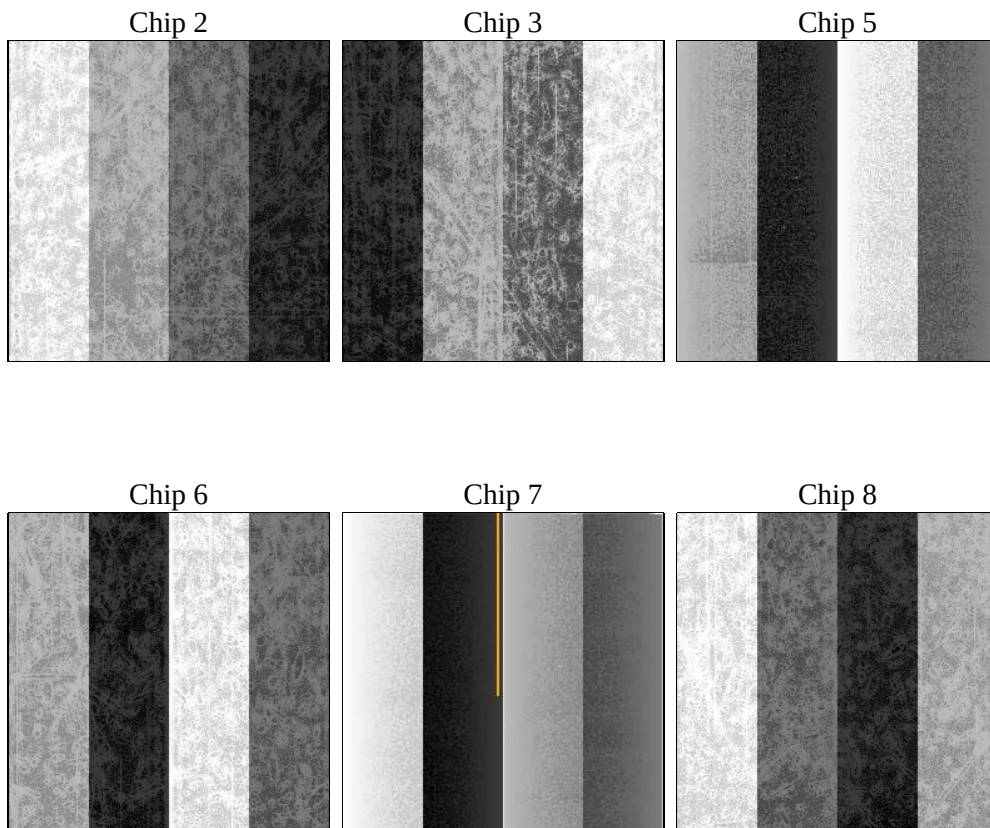
2 OBI

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	10044.79996264	Sum of GTIs [s]
caldsver	4.5.0	 	ontime2	10044.79996264	Sum of GTIs [s]
date	2012-06-30T00:28:03	Date and time of file creation	ontime3	10044.79996264	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	10044.79996264	Sum of GTIs [s]
			ontime6	10044.79996264	Sum of GTIs [s]
			ontime7	10044.79996264	Sum of GTIs [s]
			ontime8	10044.79996264	Sum of GTIs [s]
			l1events	542083	Number of level 1 events

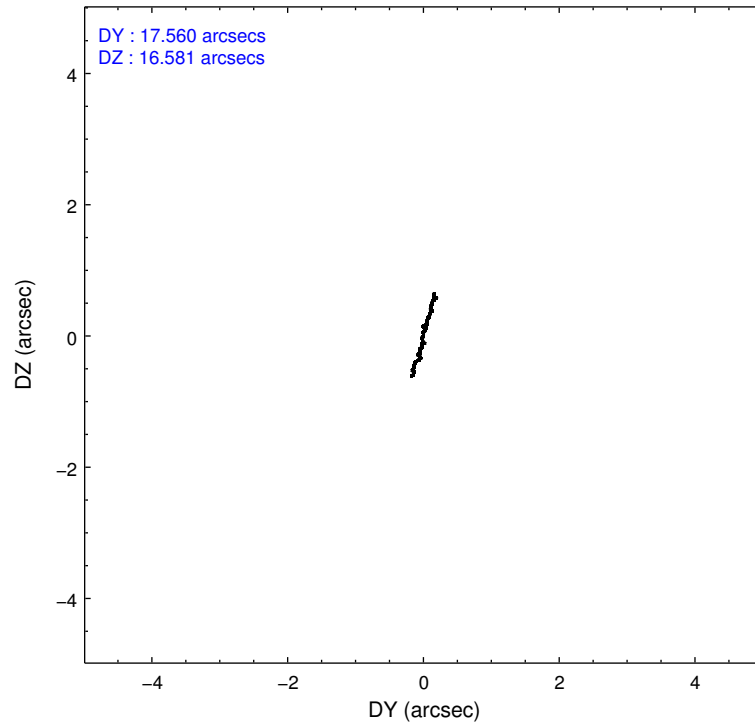
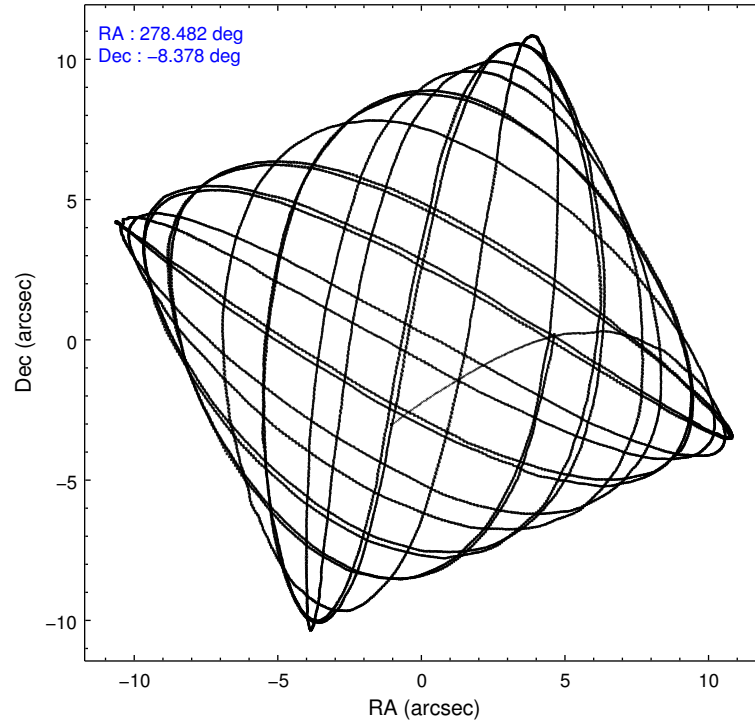
2.1.4 Events

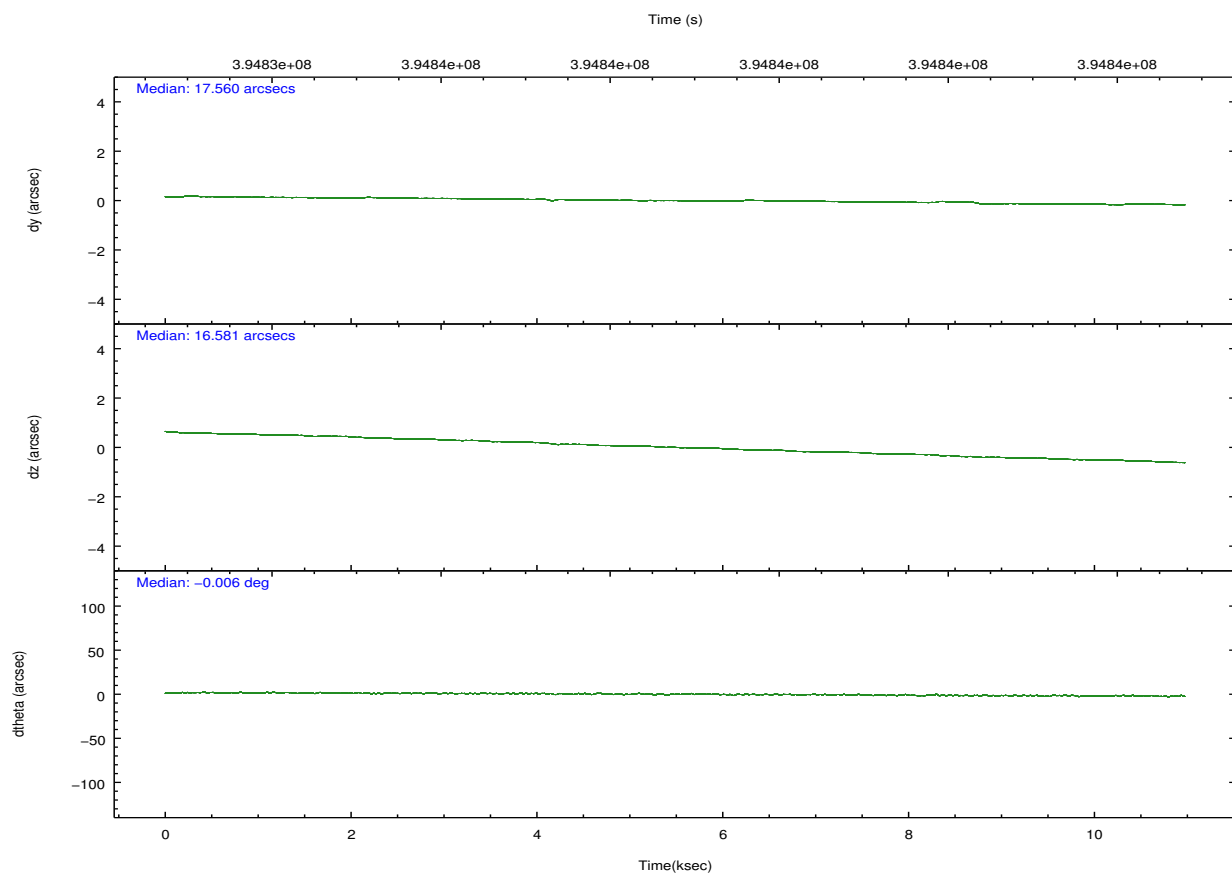
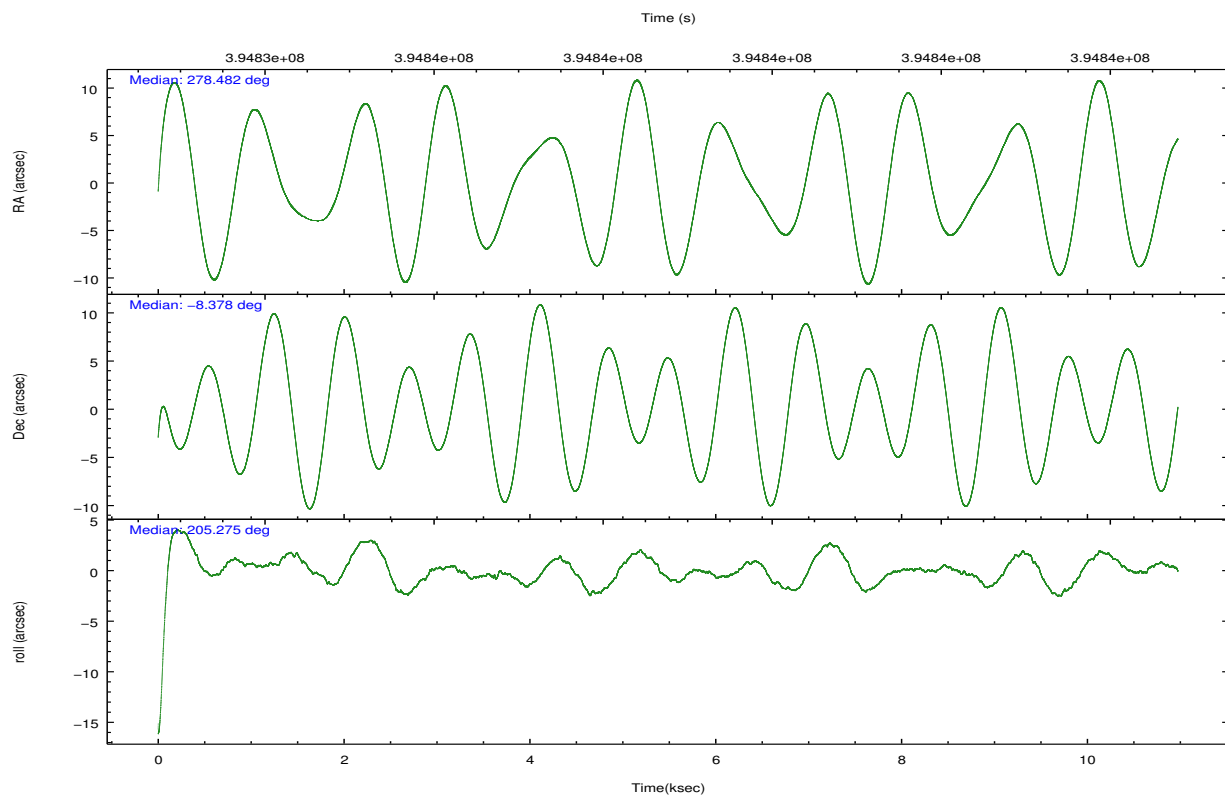
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	77635	73673	117348	78893	93144	101390	grade 0 events	3165	2962	6716	3683	3915	8182
rejected events	69143	65881	58474	69347	50693	74539		4%	4%	5%	4%	4%	8%
rejected %	89%	89%	49%	87%	54%	73%	grade 1 events	64	50	231	38	119	74
								0%	0%	0%	0%	0%	0%
							grade 2 events	2040	1727	17756	2071	8607	6264
								2%	2%	15%	2%	9%	6%
							grade 3 events	842	771	2330	930	3907	2765
								1%	1%	1%	1%	4%	2%
							grade 4 events	811	844	2150	896	3863	2628
								1%	1%	1%	1%	4%	2%
							grade 5 events	2833	3438	9145	3379	9876	4973
								3%	4%	7%	4%	10%	4%
							grade 6 events	1636	1490	29946	1967	22176	7042
								2%	2%	25%	2%	23%	6%
							grade 7 events	66244	62391	49074	65929	40681	69462
								85%	84%	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	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	278.497754	278.4823446898051	CCD I2 on	O2	Y
[deg] Pointing Dec	-8.355740	-8.378481262182685	CCD I3 on	O3	Y
[deg] Pointing Roll	205.128691	205.2830655853036	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)	394834253.184000	394832104.61924	CCD S5 on	N	N
Observation start date	2010-07-06T20:09:47	2010-07-06T19:35:04	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	394844253.184000	394845162.09491	On-chip summing requested	N	N
Observation end date	2010-07-06T22:56:27	2010-07-06T23:12:42	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



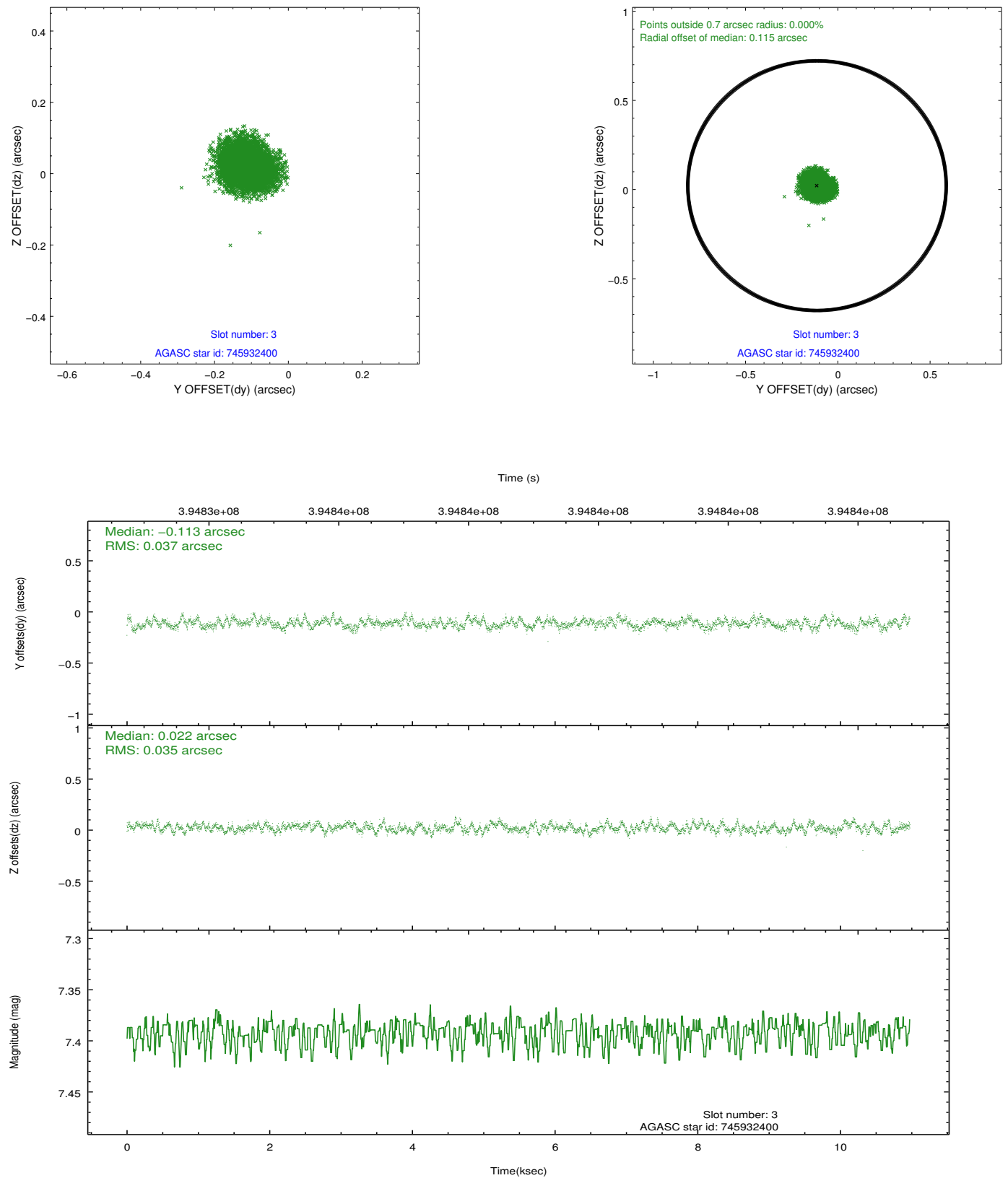


Slot Statistics

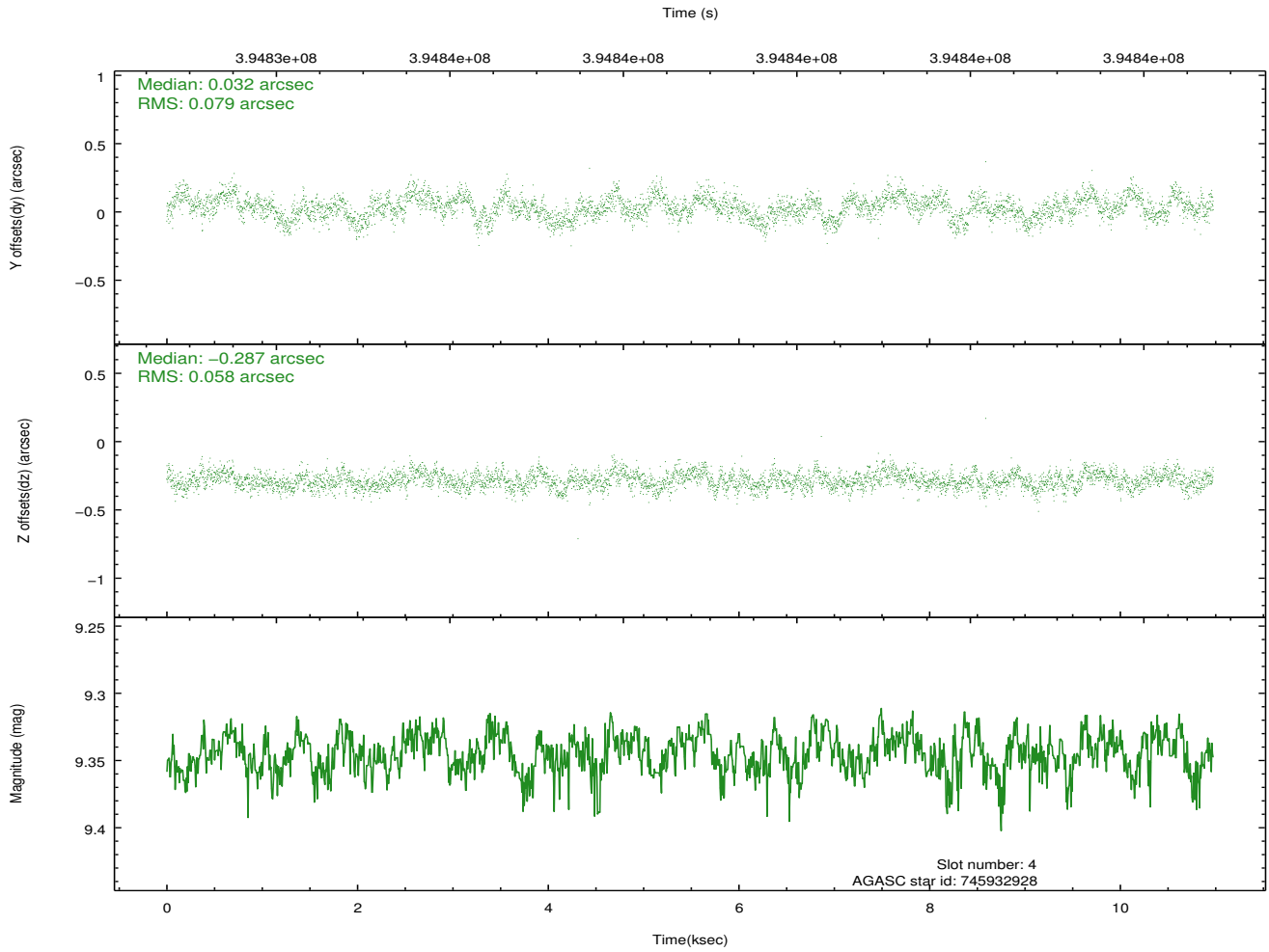
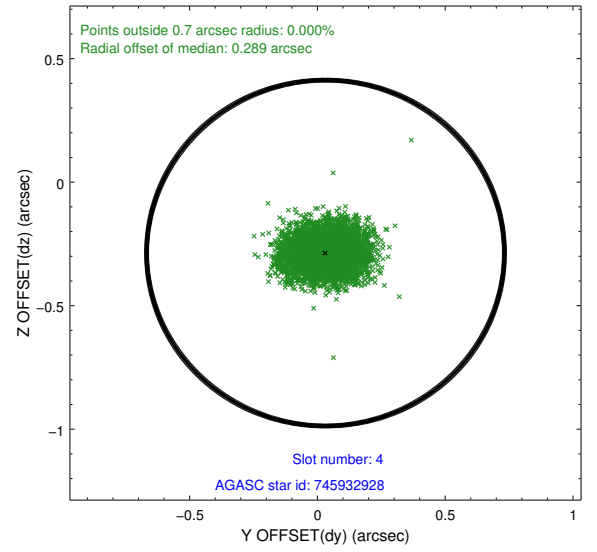
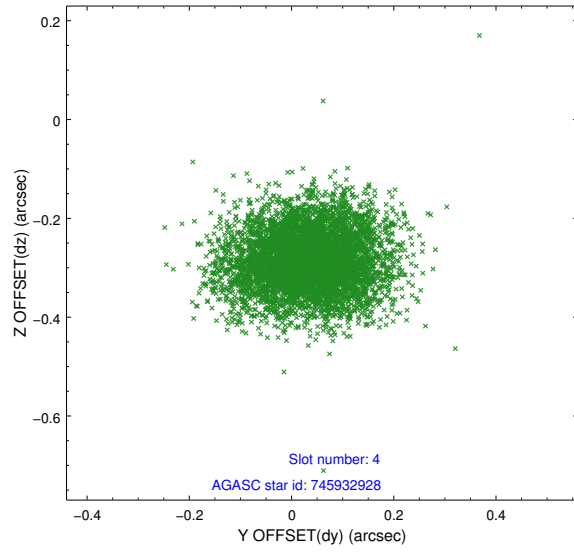
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.91	2677	0.111	-0.113	0.014	0.023	0.000000	0.000000	925.57	-1733.74
1	FID	ACIS-S-5	6.95	2677	-0.134	0.073	0.015	0.025	0.000000	0.000000	-1823.43	163.48
2	FID	ACIS-S-6	7.05	2677	0.002	0.054	0.013	0.027	0.000000	0.000000	390.47	807.98
3	GUIDE	745932400	7.39	5350	-0.113	0.022	0.055	0.086	278.879477	-8.689912	-718.76	1666.64
4	GUIDE	745932928	9.35	5349	0.032	-0.287	0.103	0.170	278.034432	-8.686351	1998.78	378.65
5	GUIDE	745934216	7.73	5351	0.115	0.181	0.063	0.098	278.551731	-7.712324	-1156.92	-2015.14
6	GUIDE	745936608	9.24	5347	0.016	0.161	0.103	0.162	278.164164	-7.996010	527.32	-1677.10
7	GUIDE	745938592	8.61	5350	-0.048	-0.080	0.074	0.122	279.317497	-8.670287	-2159.12	2266.32

2.4 Star Slots

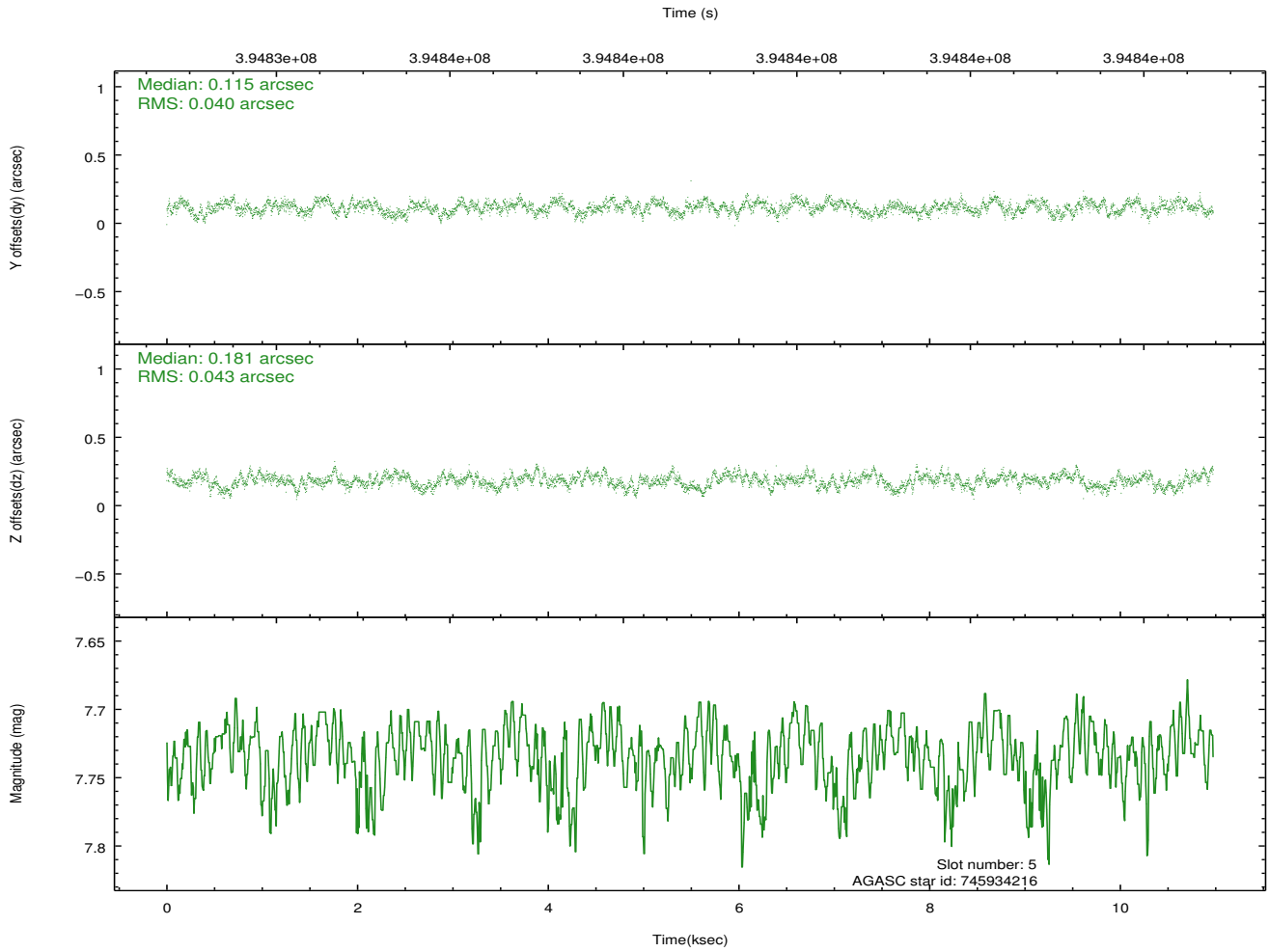
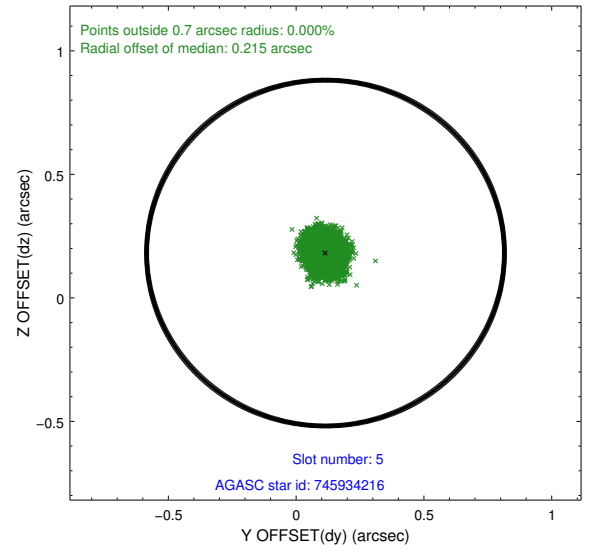
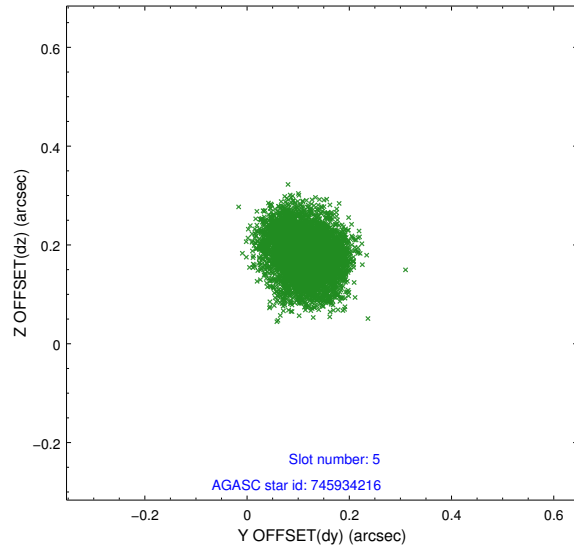
2.4.1 Slot 3



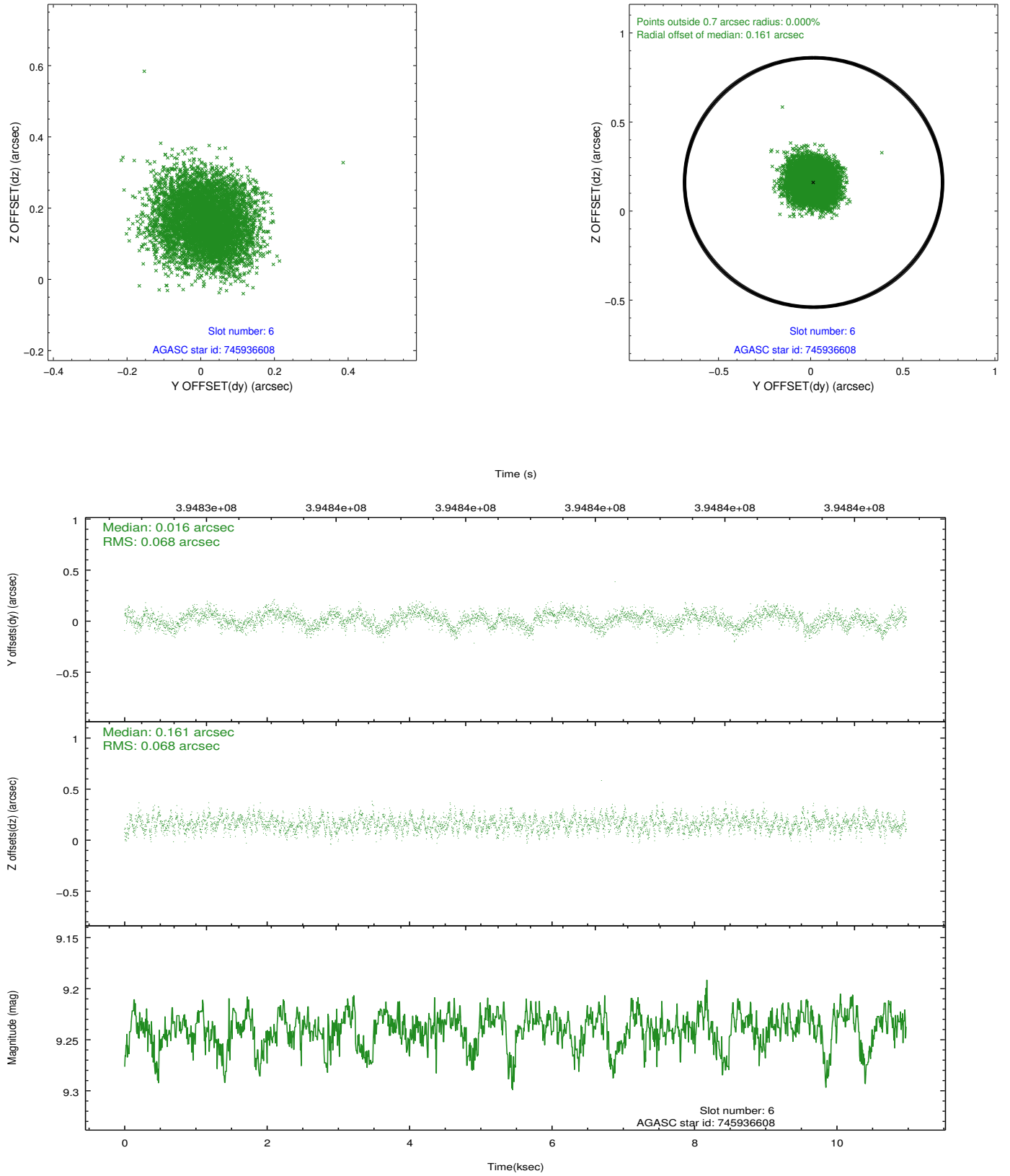
2.4.2 Slot 4



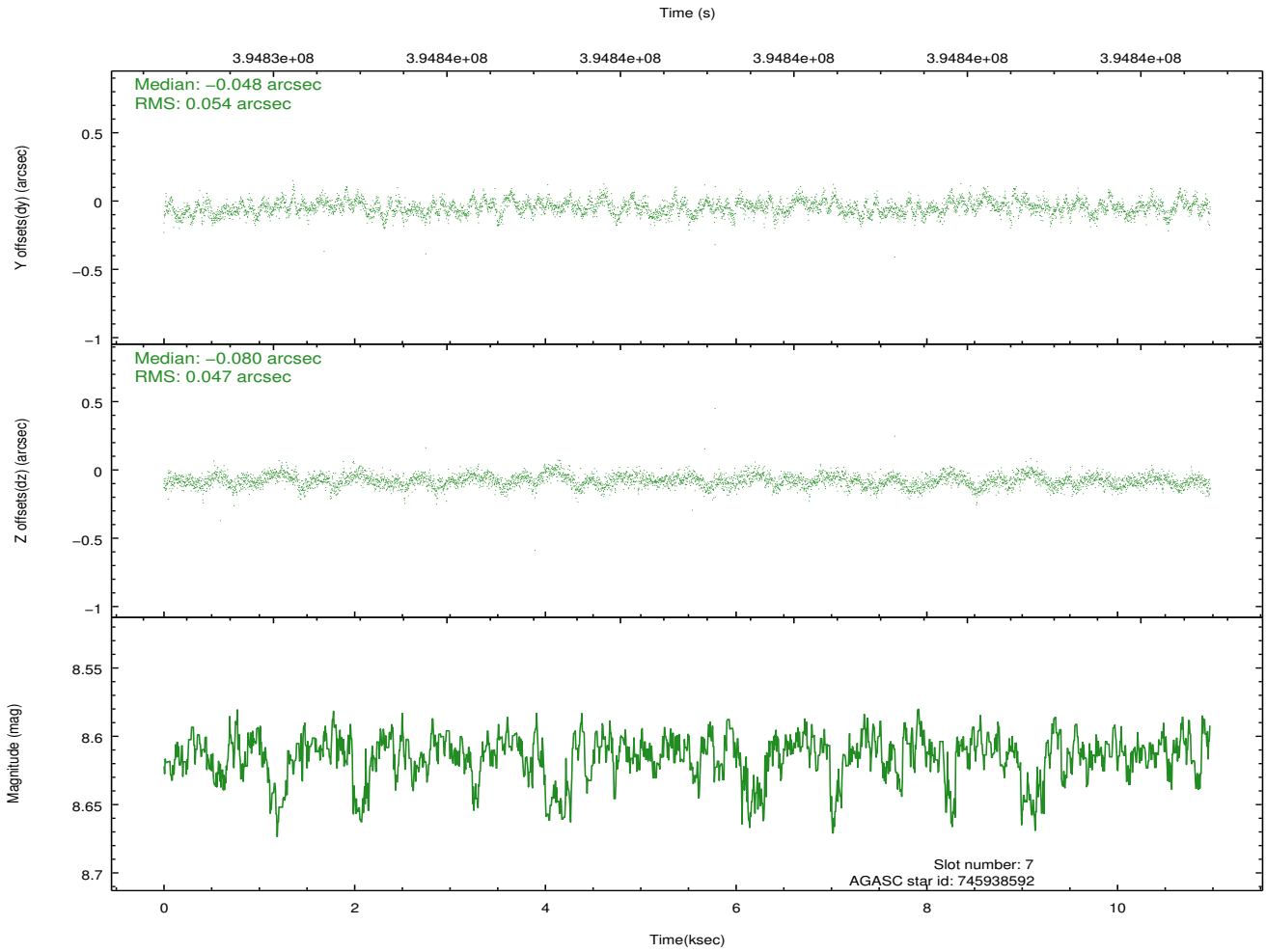
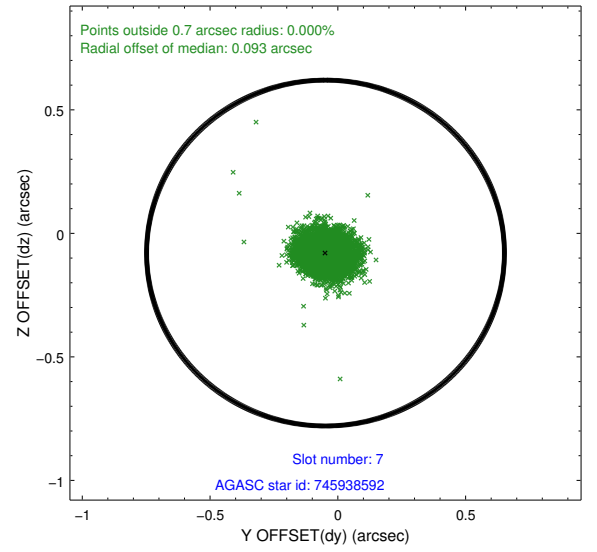
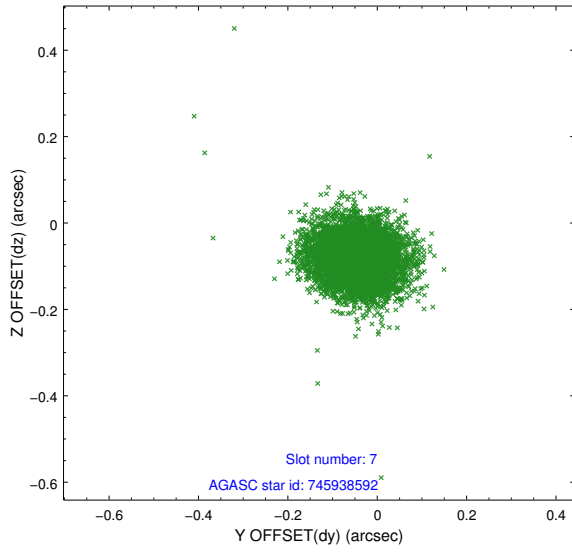
2.4.3 Slot 5



2.4.4 Slot 6

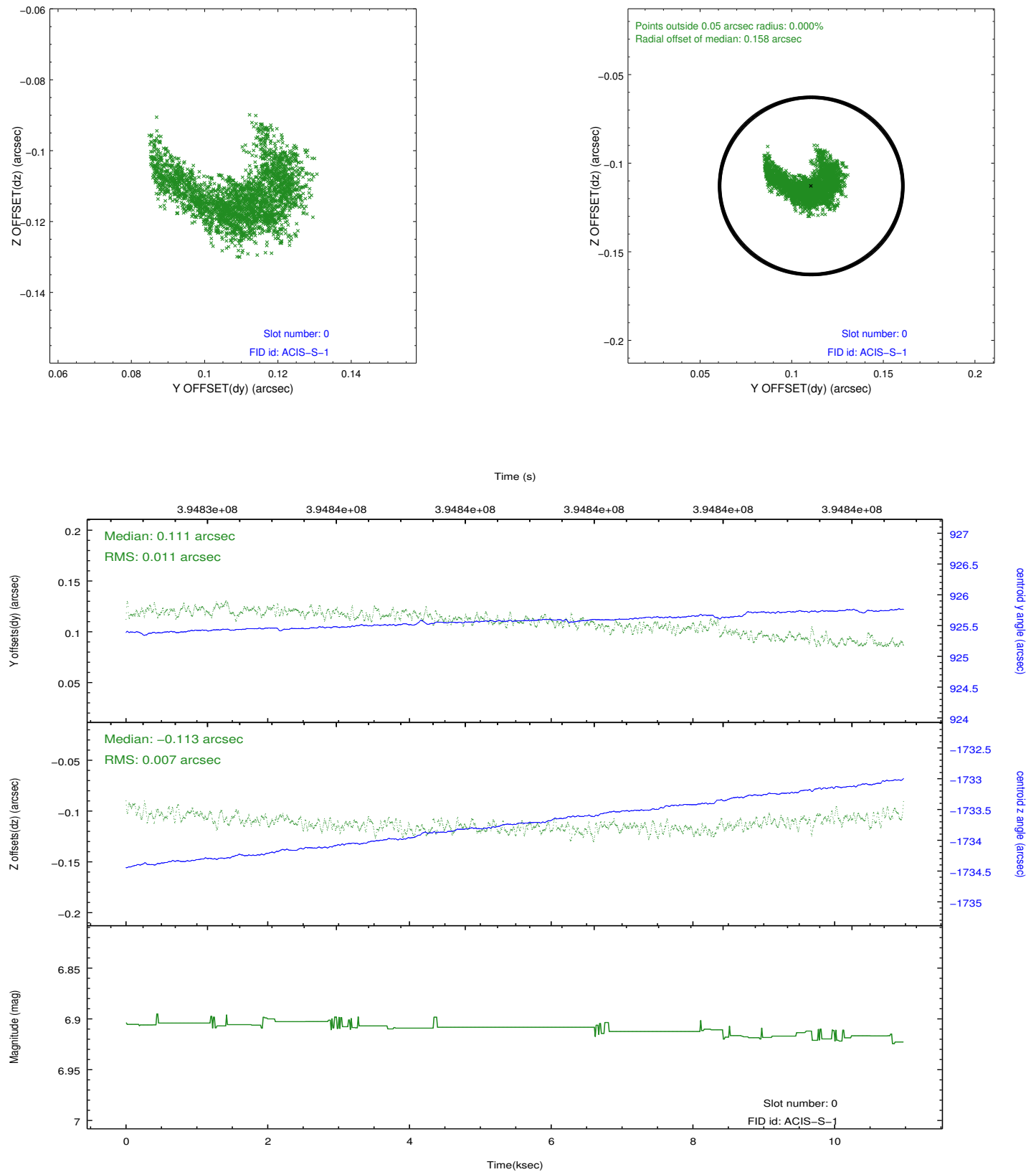


2.4.5 Slot 7

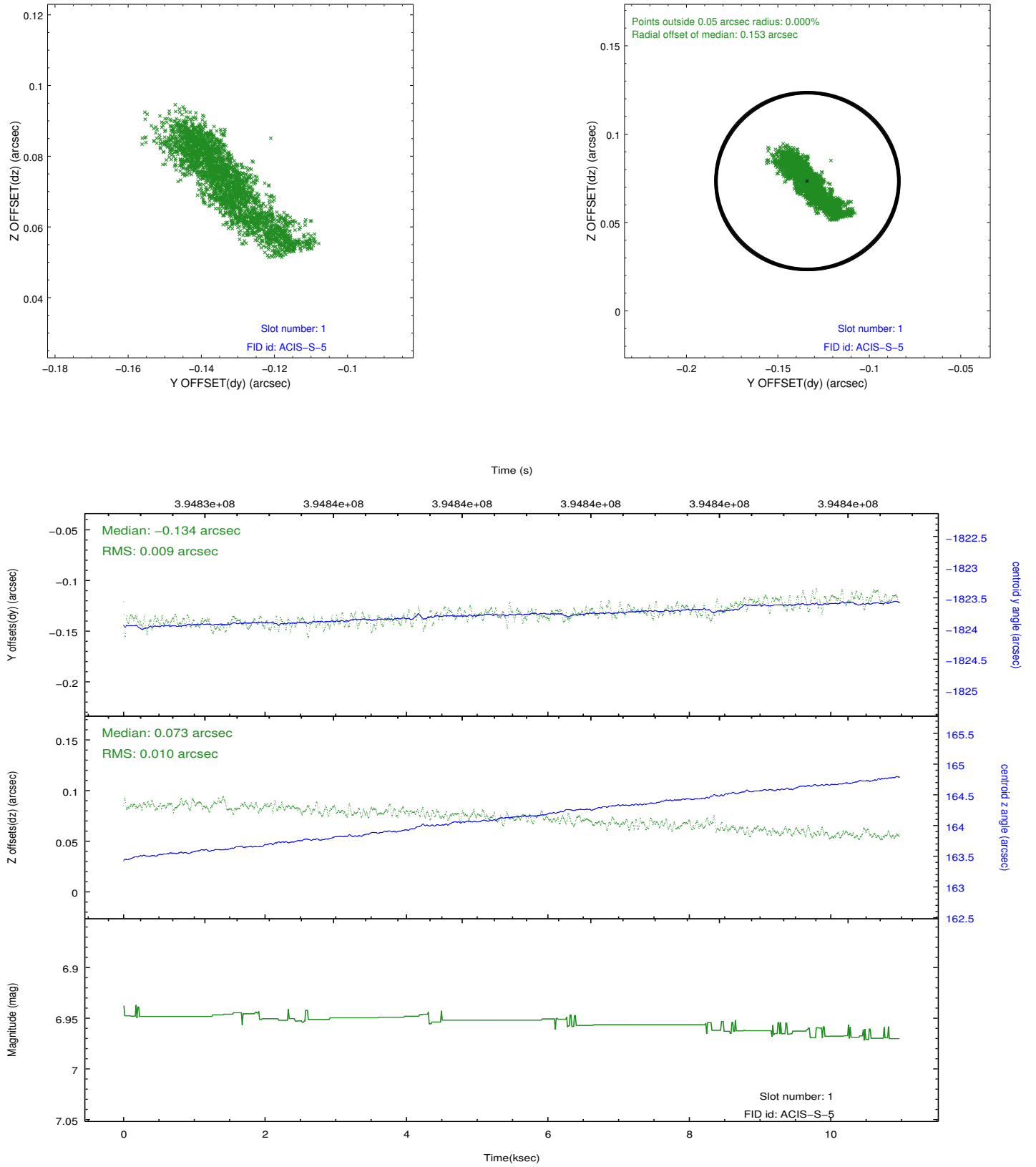


2.5 FID Slots

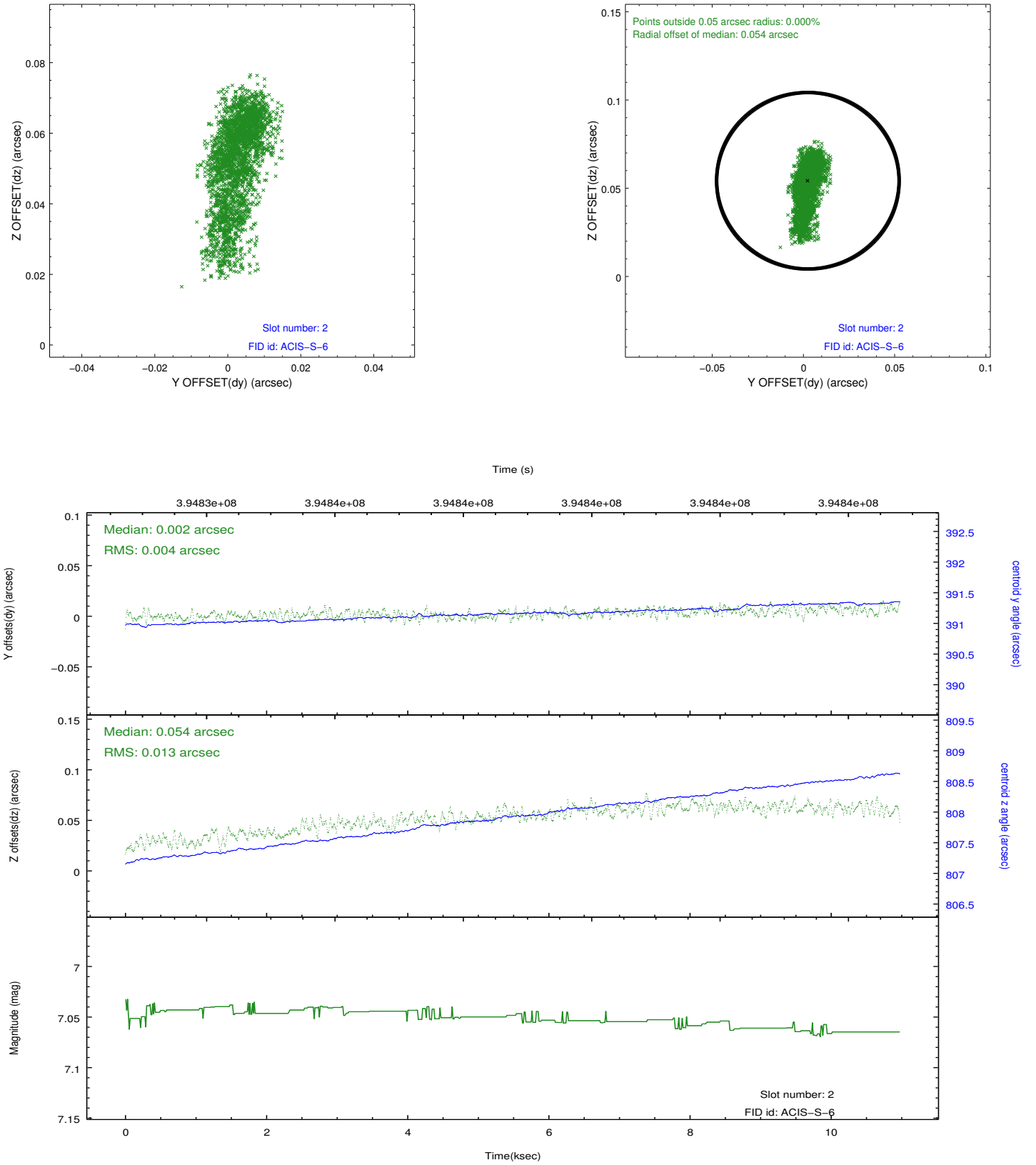
2.5.1 Slot 0



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)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.04479996264

A.2 Comments