

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8149 - L2 Version 2
Chandra X-Ray Center

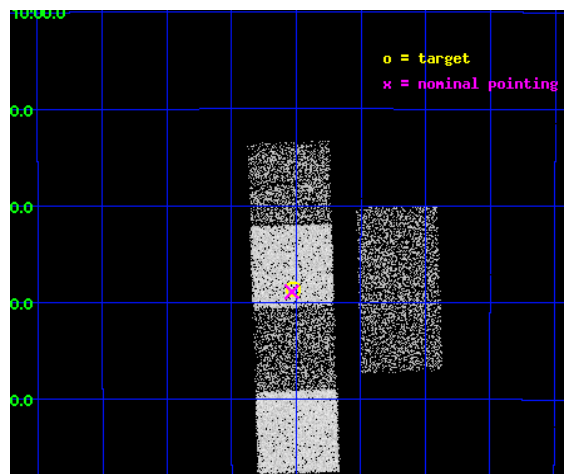
L2 Processing Date : May 3 2012

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1 Front

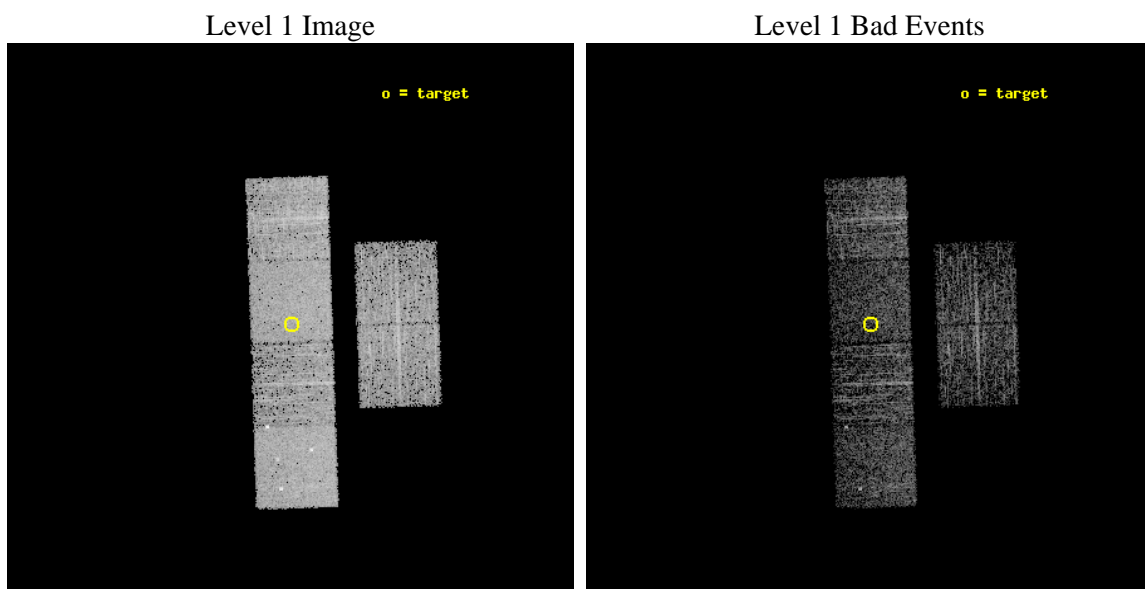
seq_num	900690	Sequence number
obs_id	8149	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J175331-2538	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	268.380833	Observer's specified target RA [deg]
dec_targ	-25.644	Observer's specified target Dec [deg]
ra_nom	268.38339661085	Nominal RA [deg]
dec_nom	-25.648382861476	Nominal Dec [deg]
roll_nom	268.08594278518	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2037.9847632051	Sum of GTIs [s]
livetime	2012.1785730063	Livetime [s]
ontime2	2038.0257136226	Sum of GTIs [s]
ontime3	2037.8615536094	Sum of GTIs [s]
ontime5	2037.9437232018	Sum of GTIs [s]
ontime6	2037.9025936127	Sum of GTIs [s]
ontime7	2037.9847632051	Sum of GTIs [s]
ontime8	2031.3386427164	Sum of GTIs [s]
l2events	33122	Number of level 2 events



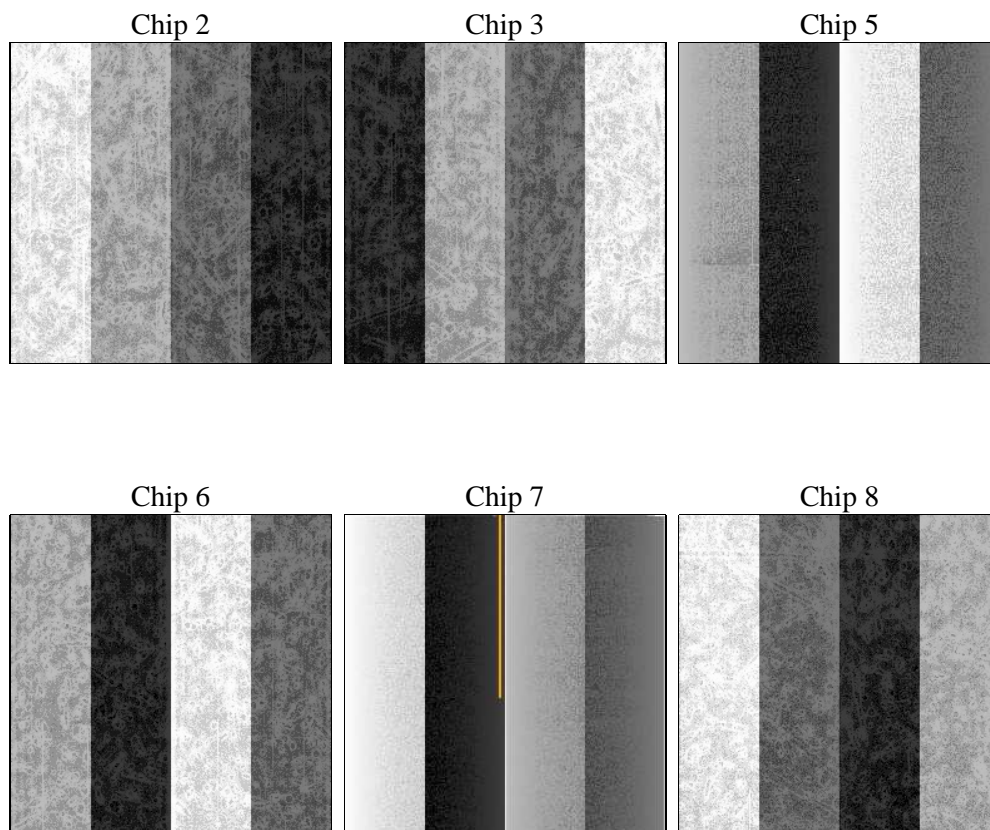
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2280.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2037.9847632051	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	2038.0257136226	Sum of GTIs [s]
date	2012-05-03T12:26:59	Date and time of file creation	ontime3	2037.8615536094	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2037.9437232018	Sum of GTIs [s]
			ontime6	2037.9025936127	Sum of GTIs [s]
			ontime7	2037.9847632051	Sum of GTIs [s]
			ontime8	2031.3386427164	Sum of GTIs [s]
			l1events	142834	Number of level 1 events

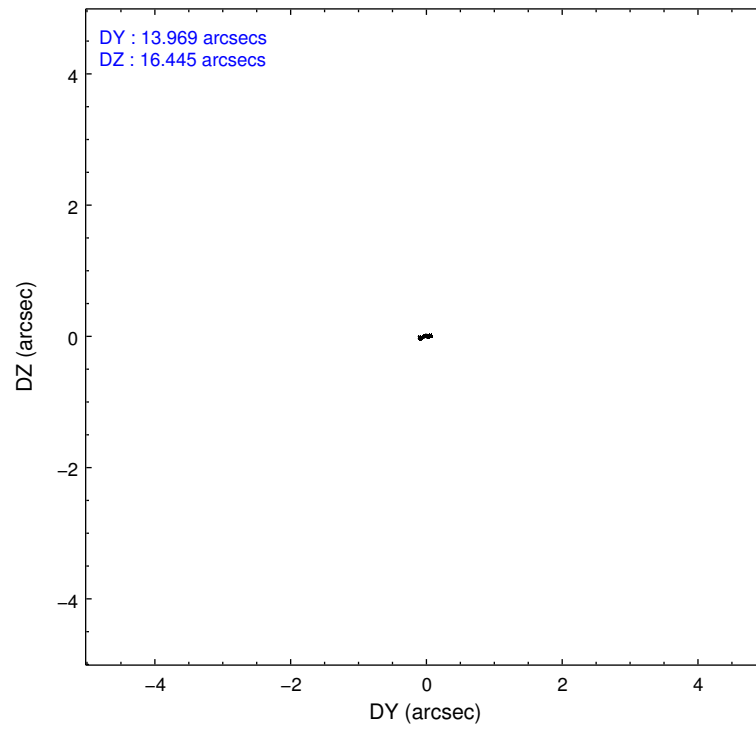
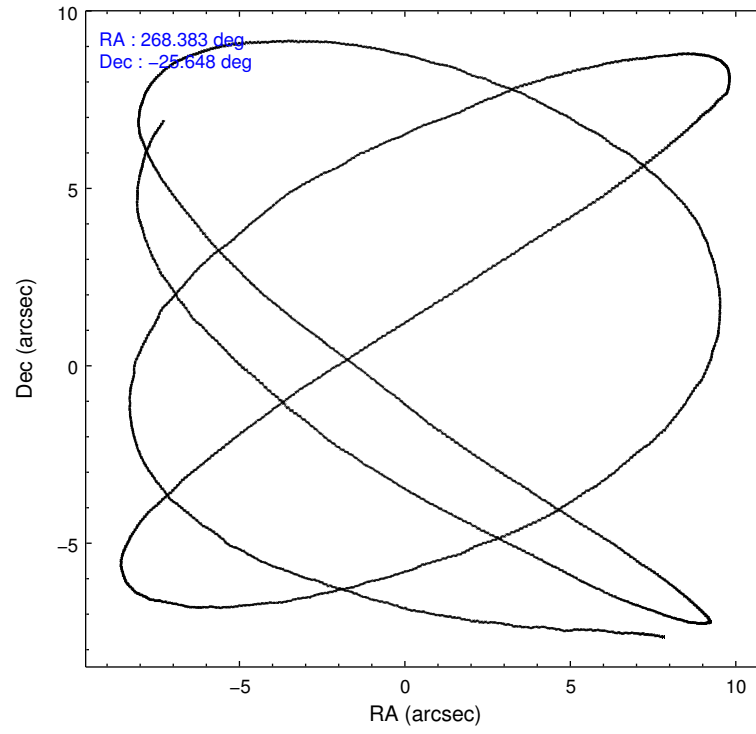
2.1.4 Events

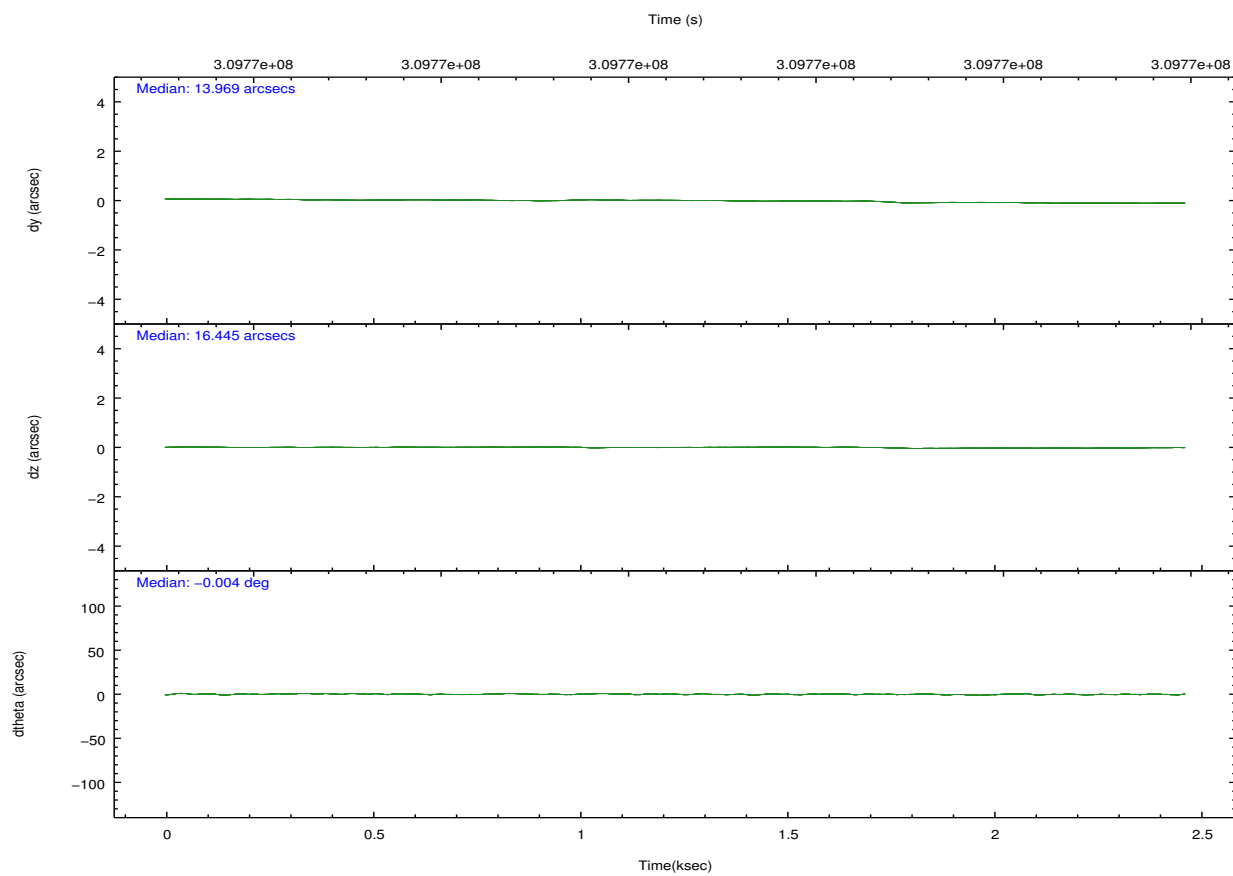
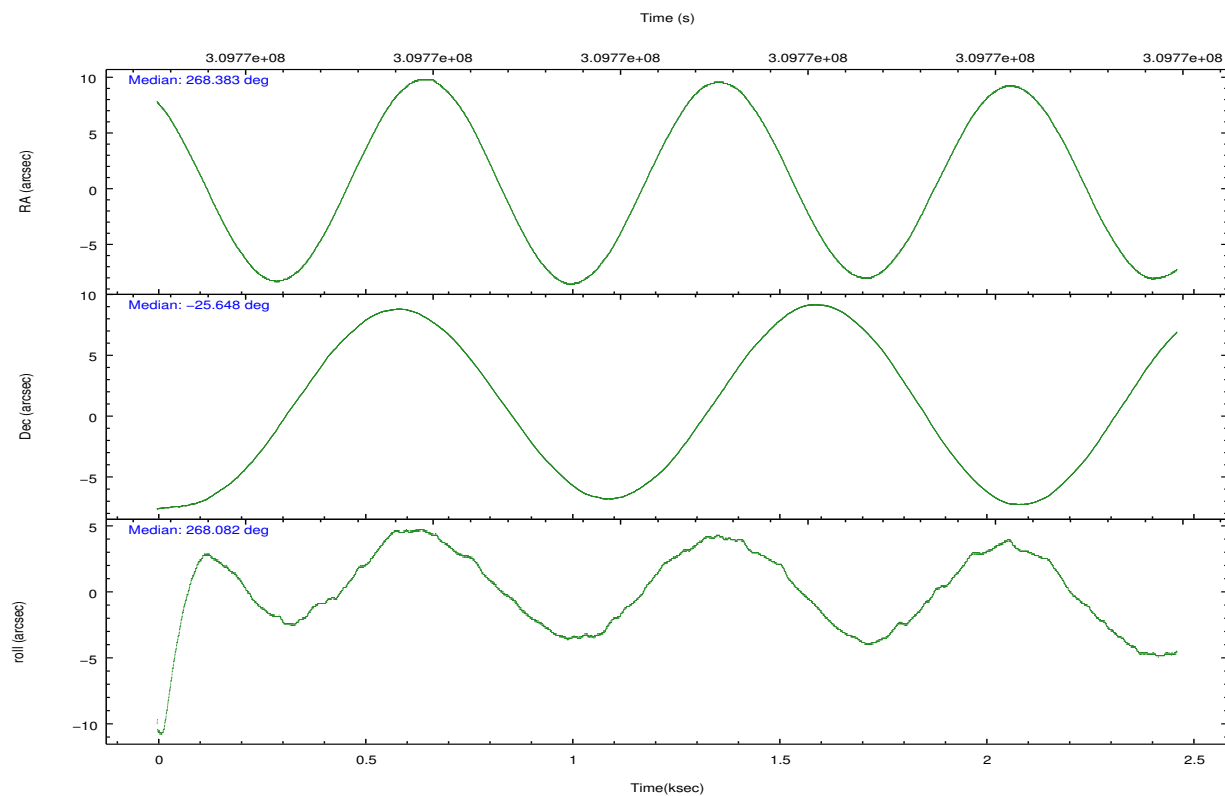
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	19366	18220	30967	19956	26852	27473	grade 0 events	1065	1075	1472	929	1045	1749
rejected events	16973	15819	16558	17467	15375	22206		5%	5%	4%	4%	3%	6%
rejected %	87%	86%	53%	87%	57%	80%	grade 1 events	17	17	234	9	28	42
								0%	0%	0%	0%	0%	0%
							grade 2 events	479	474	4344	585	2293	1207
								2%	2%	14%	2%	8%	4%
							grade 3 events	234	243	556	239	967	454
								1%	1%	1%	1%	3%	1%
							grade 4 events	209	235	546	247	973	476
								1%	1%	1%	1%	3%	1%
							grade 5 events	701	885	2096	854	2432	1150
								3%	4%	6%	4%	9%	4%
							grade 6 events	413	382	7509	493	6206	1400
								2%	2%	24%	2%	23%	5%
							grade 7 events	16248	14909	14210	16600	12908	20995
								83%	81%	45%	83%	48%	76%

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	268.368858	268.3833966108525	CCD I2 on	O2	Y
[deg] Pointing Dec	-25.624259	-25.64838286147577	CCD I3 on	O3	Y
[deg] Pointing Roll	267.923046	268.0859427851801	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)	309767571.184000	309767024.6743	CCD S5 on	N	N
Observation start date	2007-10-26T06:31:46	2007-10-26T06:23:44	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	309769851.184000	309770136.06195	On-chip summing requested	N	N
Observation end date	2007-10-26T07:09:46	2007-10-26T07:15:36	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



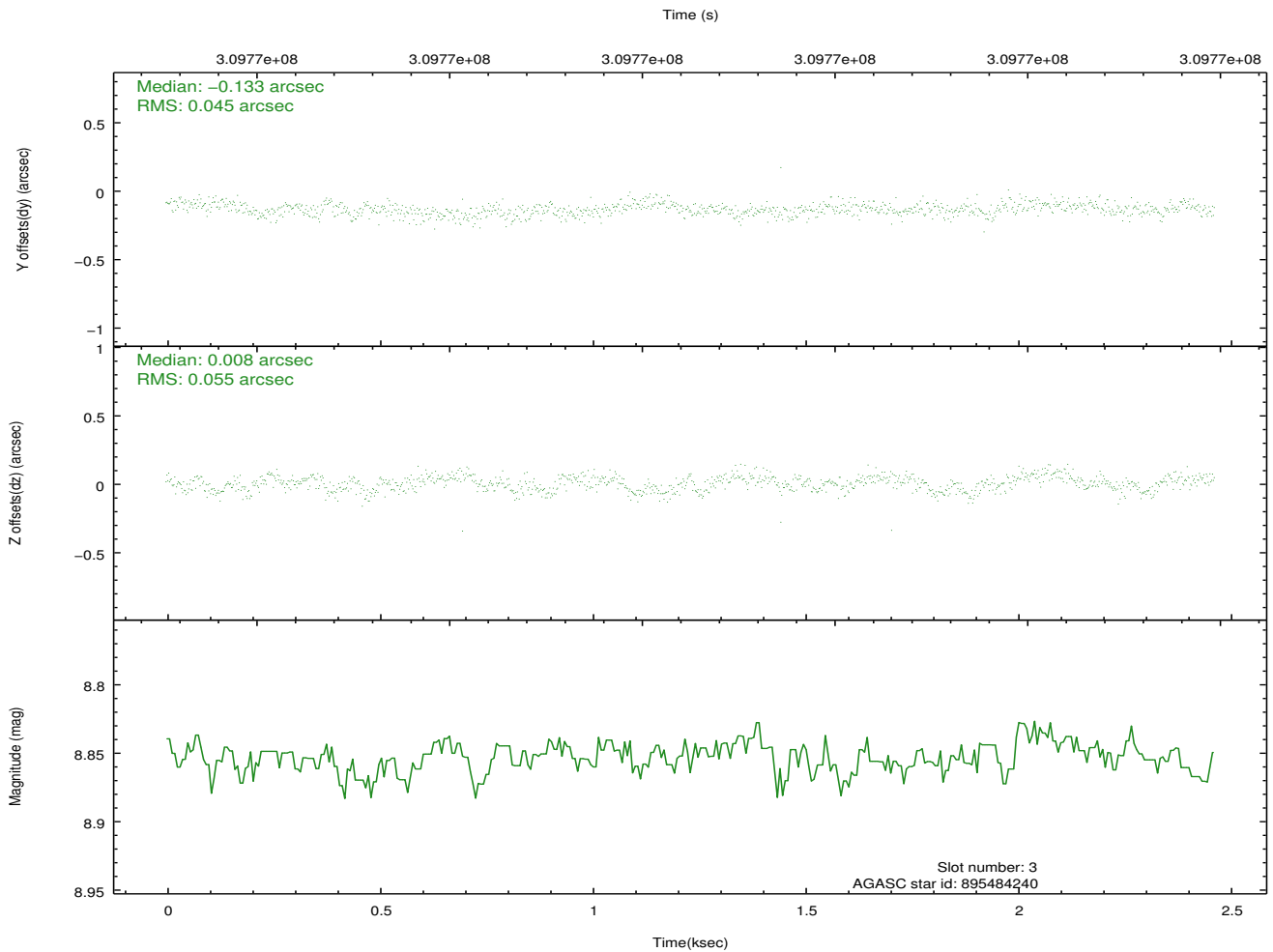
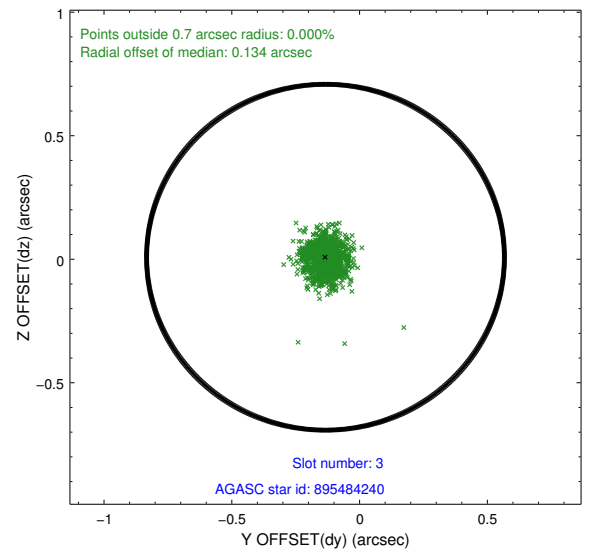
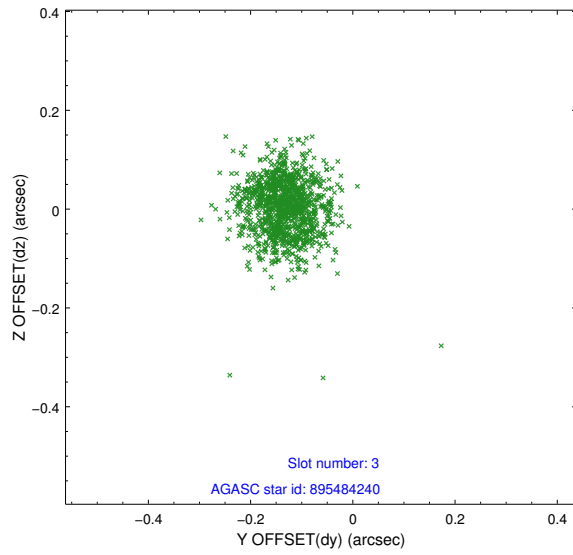


Slot Statistics

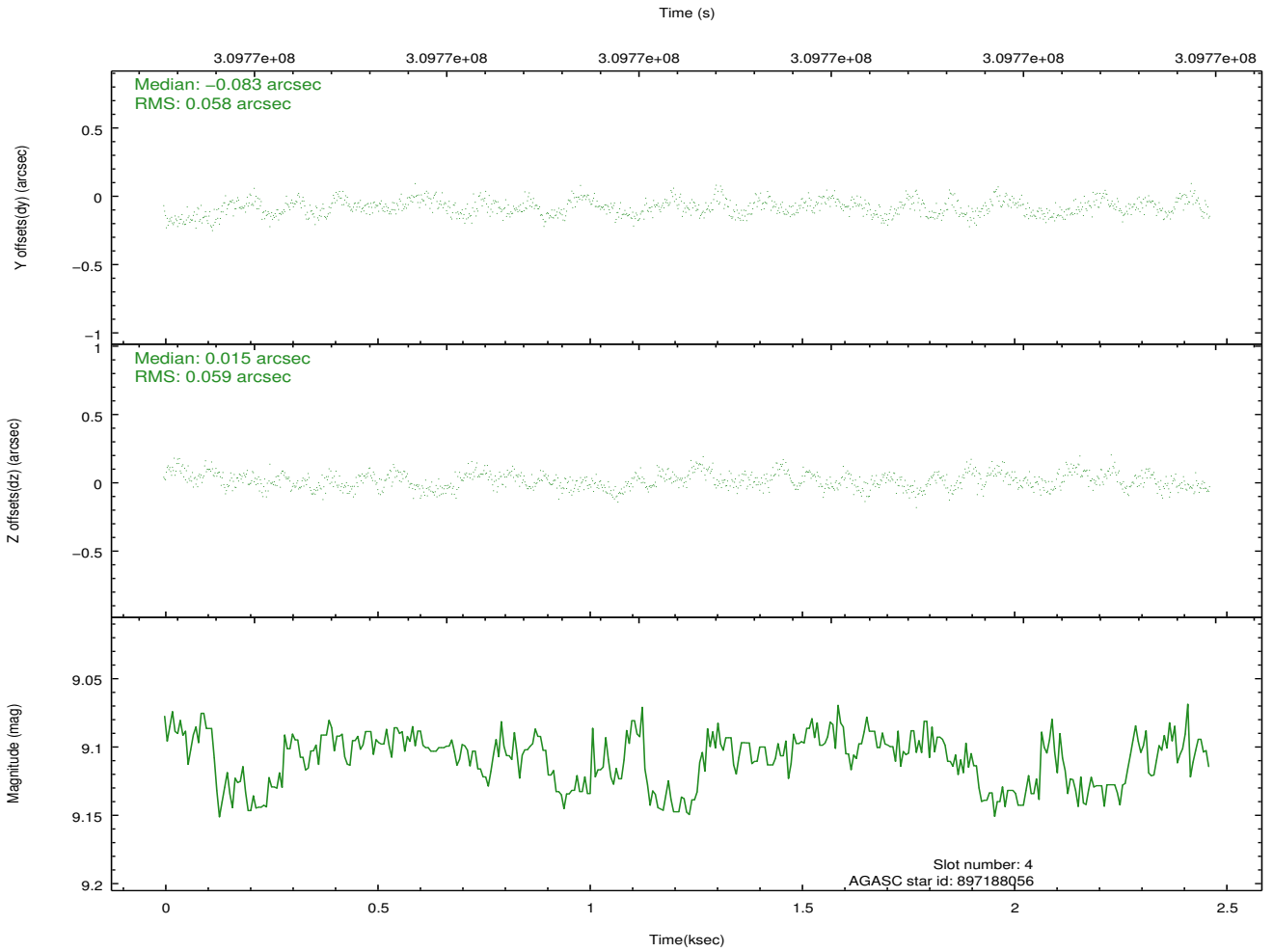
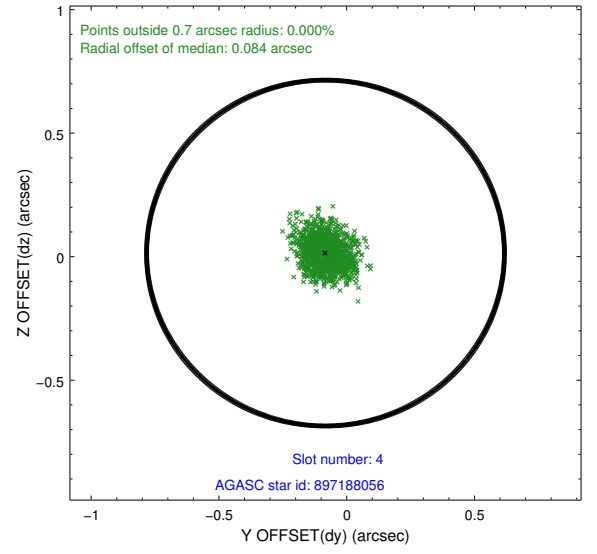
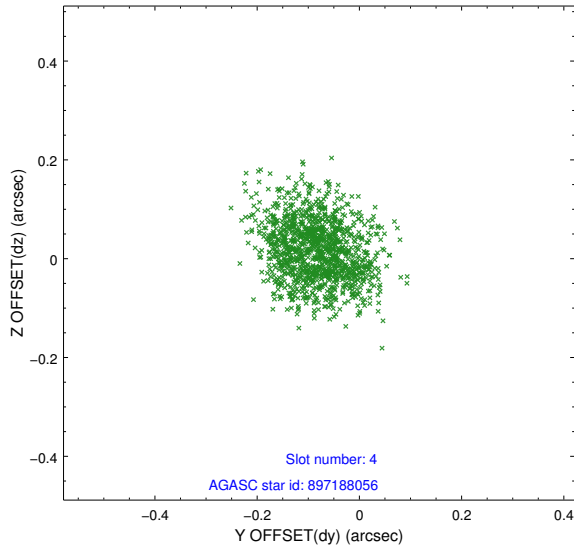
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	601	-0.050	-0.026	0.007	0.011	0.000000	0.000000	-766.95	-1737.83
1	FID	ACIS-S-4	7.18	601	0.175	0.031	0.007	0.011	0.000000	0.000000	2145.36	167.96
2	FID	ACIS-S-5	7.22	601	-0.157	0.003	0.008	0.012	0.000000	0.000000	-1816.52	164.63
3	GUIDE	895484240	8.85	1201	-0.133	0.008	0.073	0.118	267.811213	-25.003361	-2164.29	-1898.96
4	GUIDE	897188056	9.11	1203	-0.083	0.015	0.091	0.140	269.091794	-25.262919	-1381.11	2304.01
5	GUIDE	897190104	8.09	1203	-0.059	0.024	0.054	0.089	268.897616	-25.377340	-949.01	1688.99
6	GUIDE	897192360	8.39	1202	0.159	0.010	0.064	0.101	268.601647	-26.234891	2169.25	832.87
7	GUIDE	897194504	7.60	1202	0.119	-0.054	0.049	0.076	267.979415	-25.772977	584.36	-1241.01

2.4 Star Slots

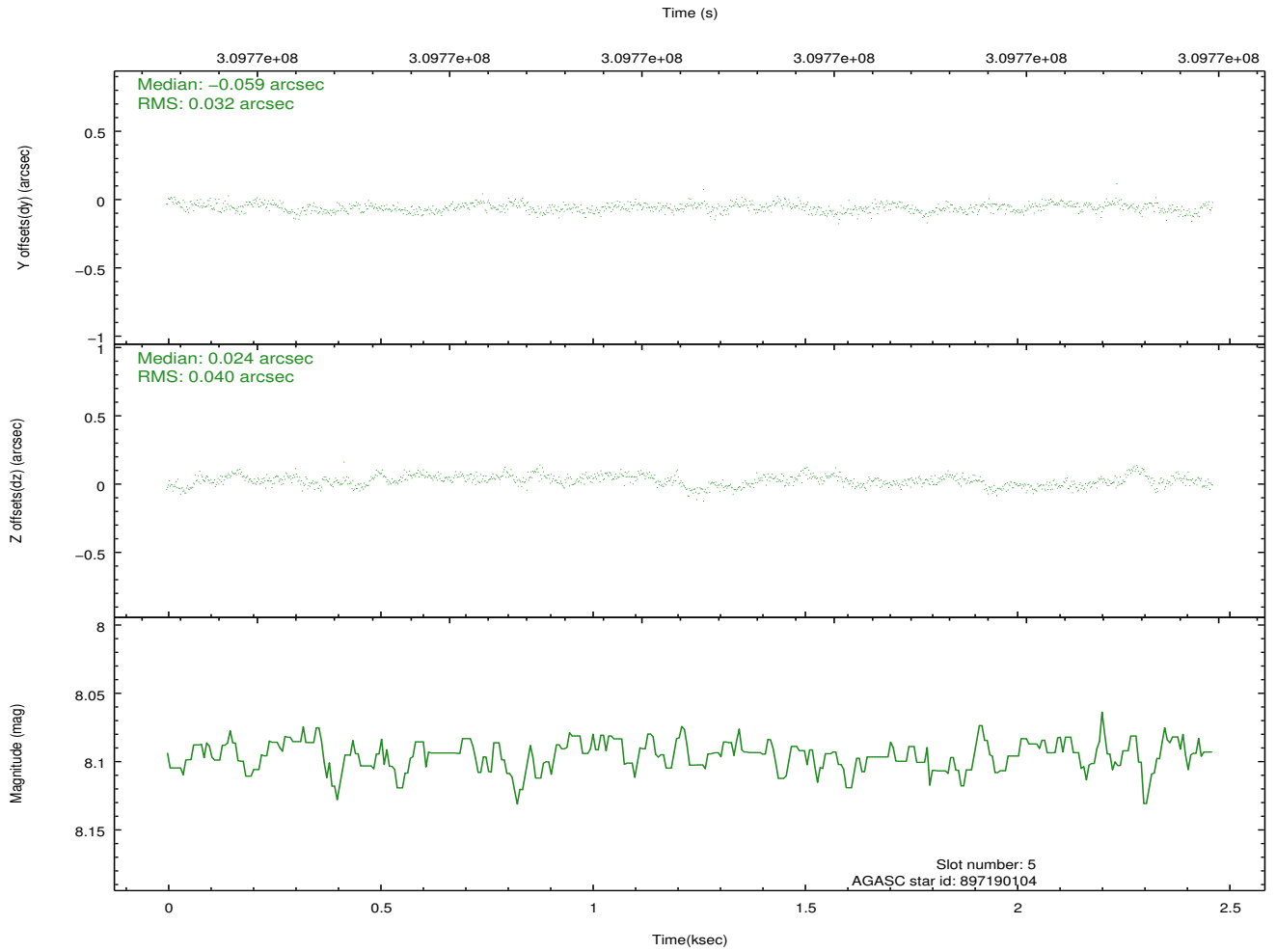
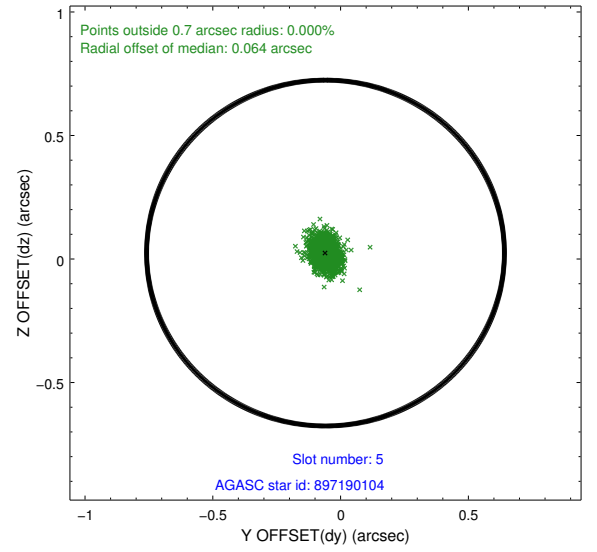
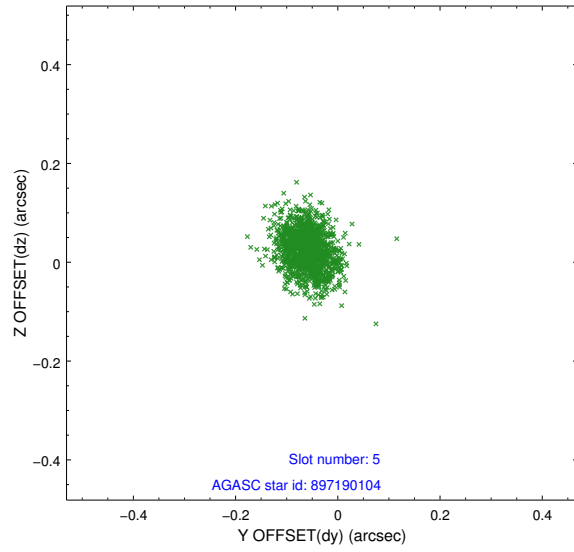
2.4.1 Slot 3



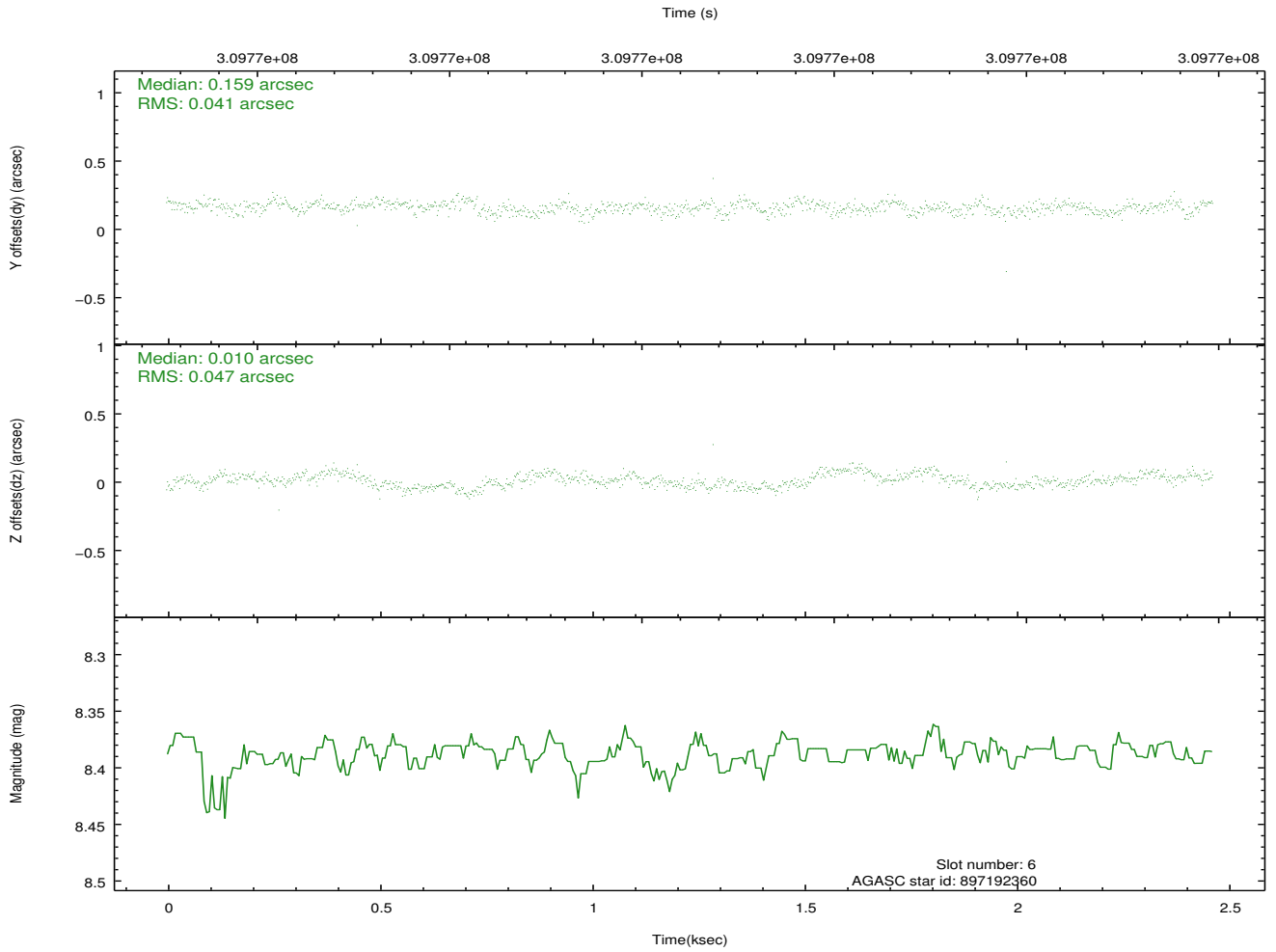
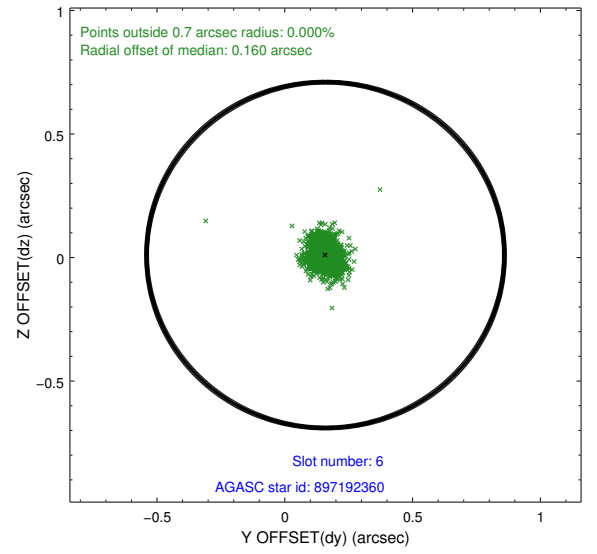
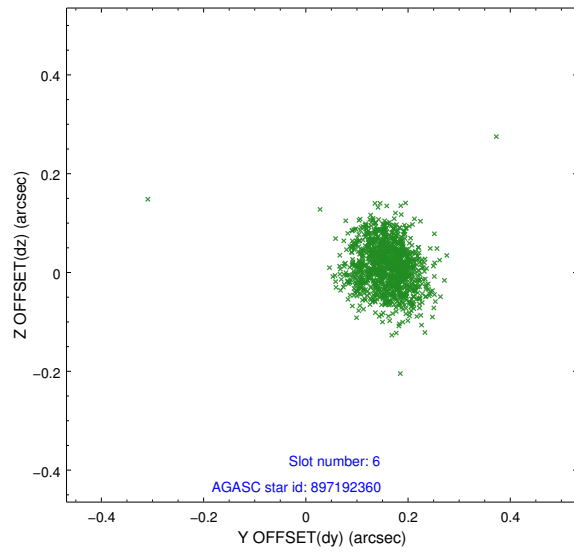
2.4.2 Slot 4



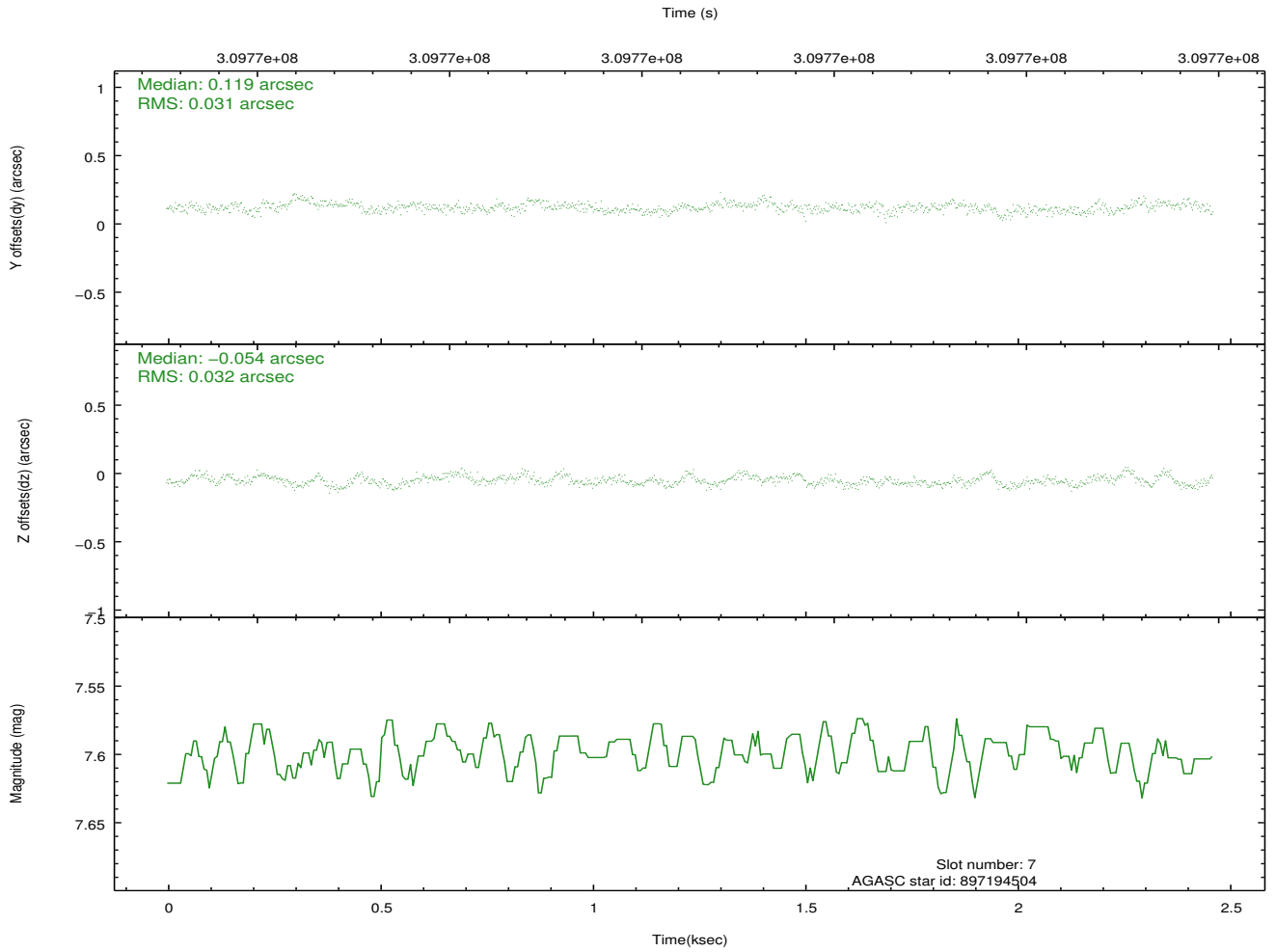
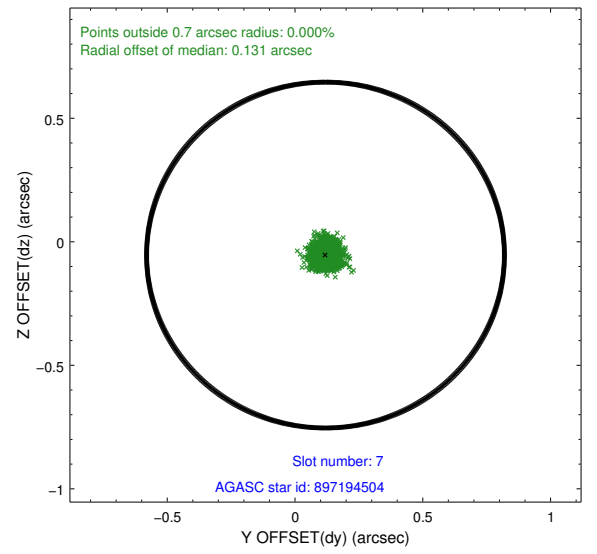
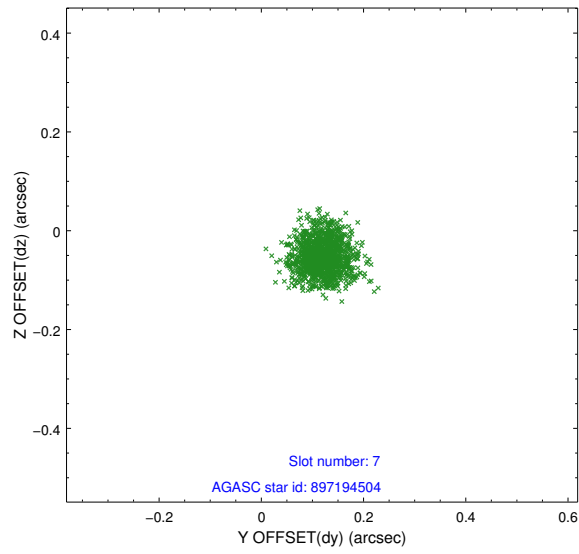
2.4.3 Slot 5



2.4.4 Slot 6

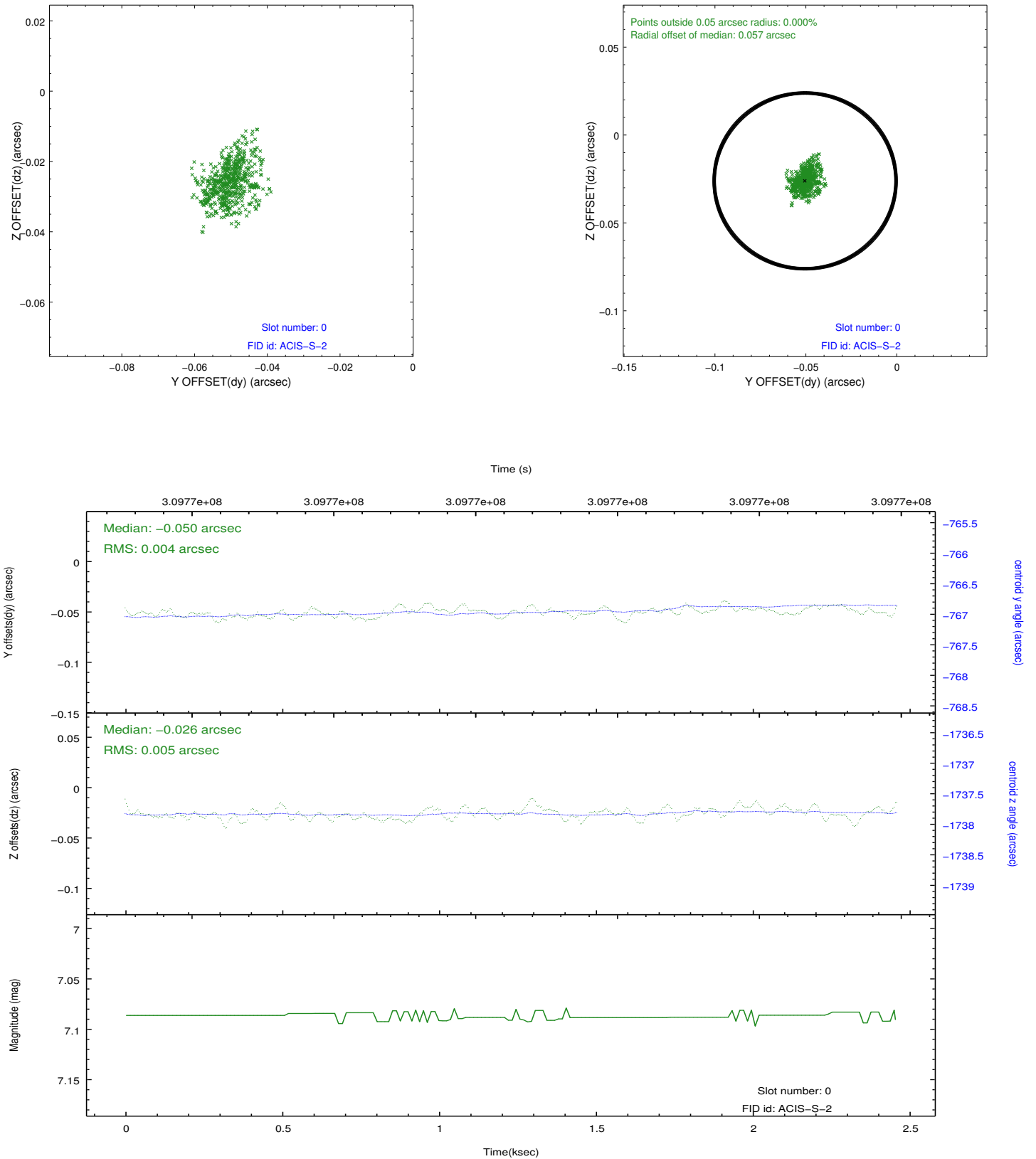


2.4.5 Slot 7

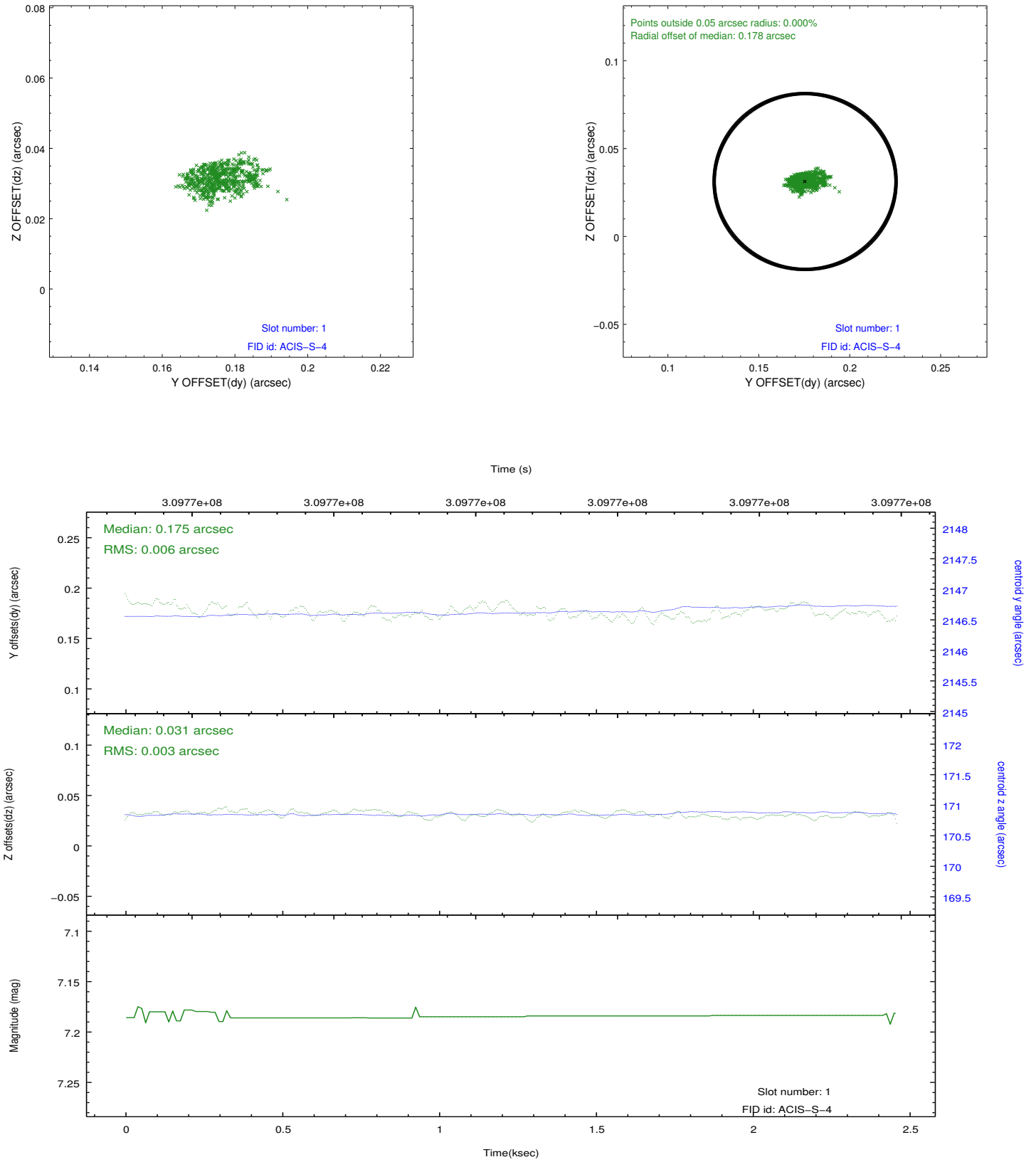


2.5 FID Slots

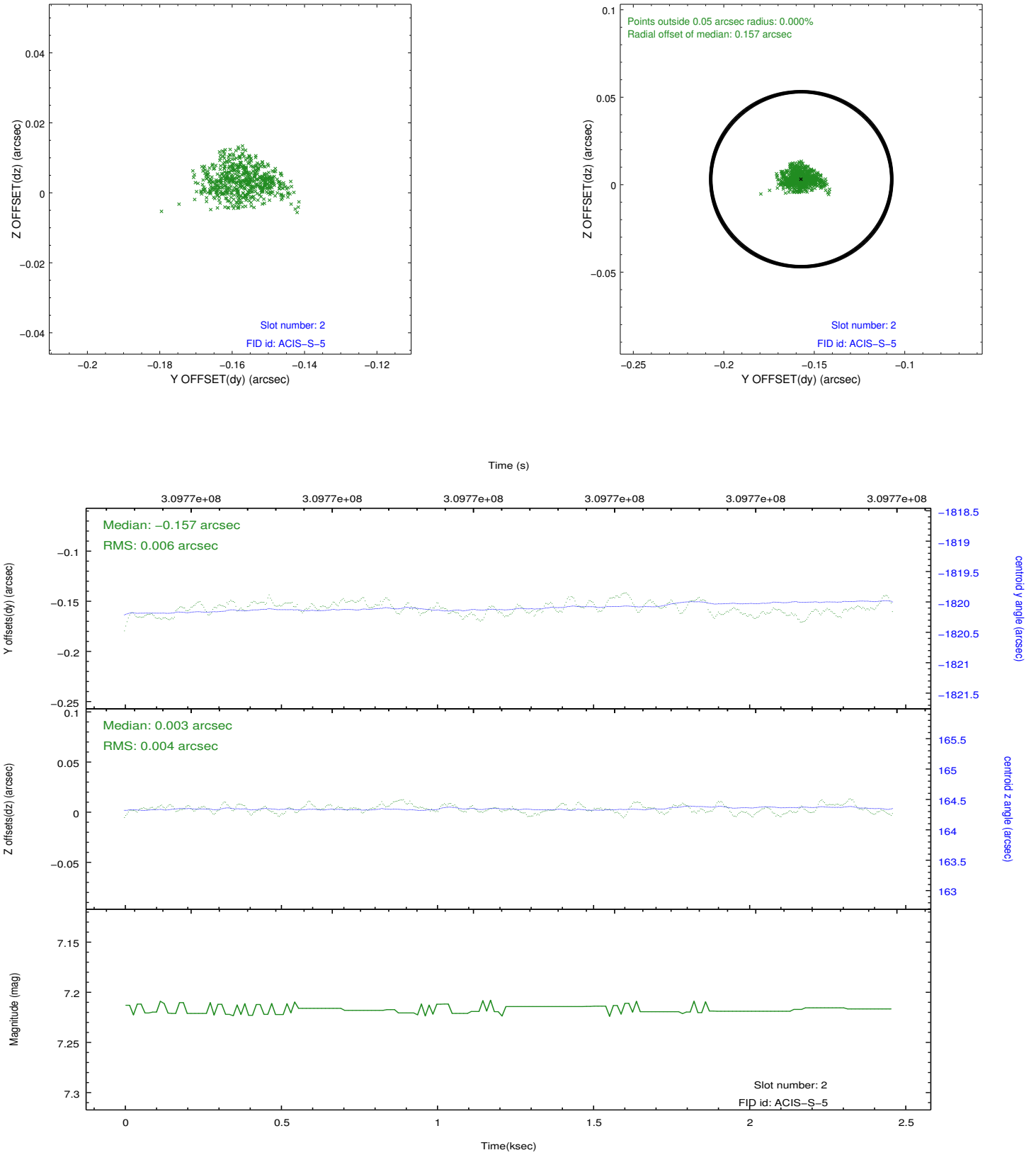
2.5.1 Slot 0



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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.03839999

A.2 Comments