

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8572 - L2 Version 2
Chandra X-Ray Center

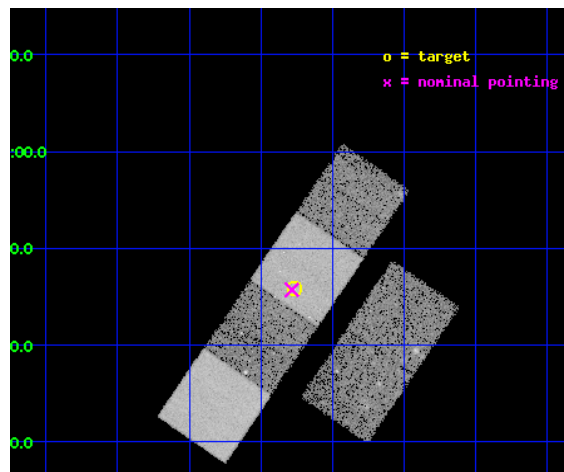
L2 Processing Date : May 8 2012

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1 Front

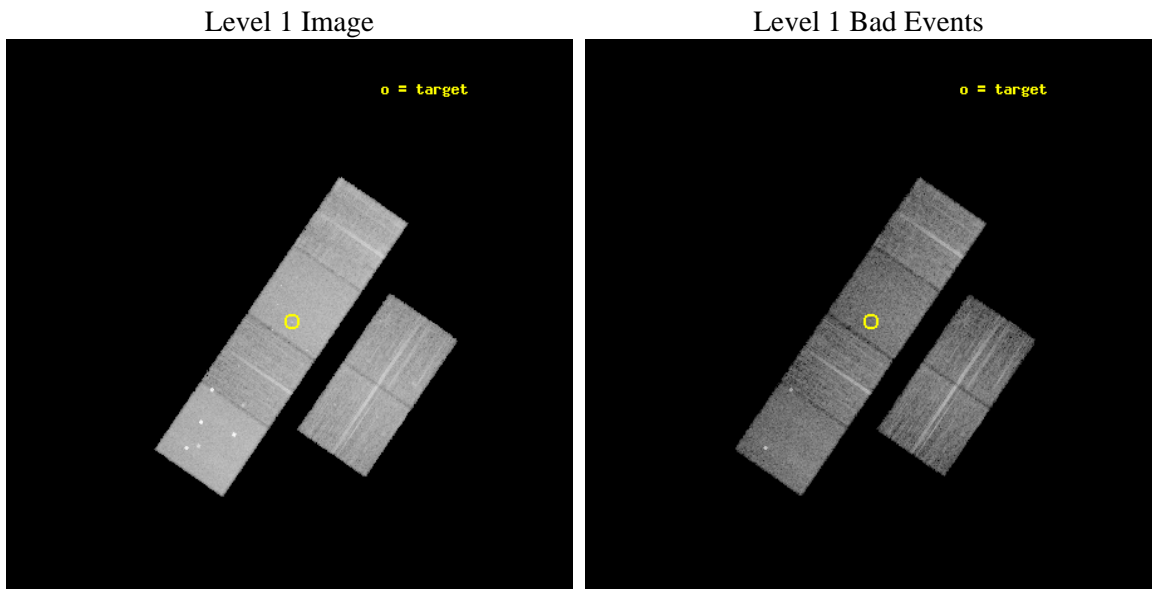
seq_num	200466	Sequence number
obs_id	8572	Observation id
title	A Hard Look at Stellar Disks at the Epoch of Planet Formation	Prop
observer	Dr. Lee Hartmann	Principal investigator
object	OB1A-1192	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	81.44125	Observer's specified target RA [deg]
dec_targ	1.763917	Observer's specified target Dec [deg]
ra_nom	81.445711740594	Nominal RA [deg]
dec_nom	1.7619521127865	Nominal Dec [deg]
roll_nom	304.42861803071	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9455.9999648333	Sum of GTIs [s]
livetime	9336.2623995589	Livetime [s]
ontime2	9455.9999648333	Sum of GTIs [s]
ontime3	9455.9999648333	Sum of GTIs [s]
ontime5	9455.9999648333	Sum of GTIs [s]
ontime6	9455.9999648333	Sum of GTIs [s]
ontime7	9455.9999648333	Sum of GTIs [s]
ontime8	9449.5179639459	Sum of GTIs [s]
l2events	149214	Number of level 2 events



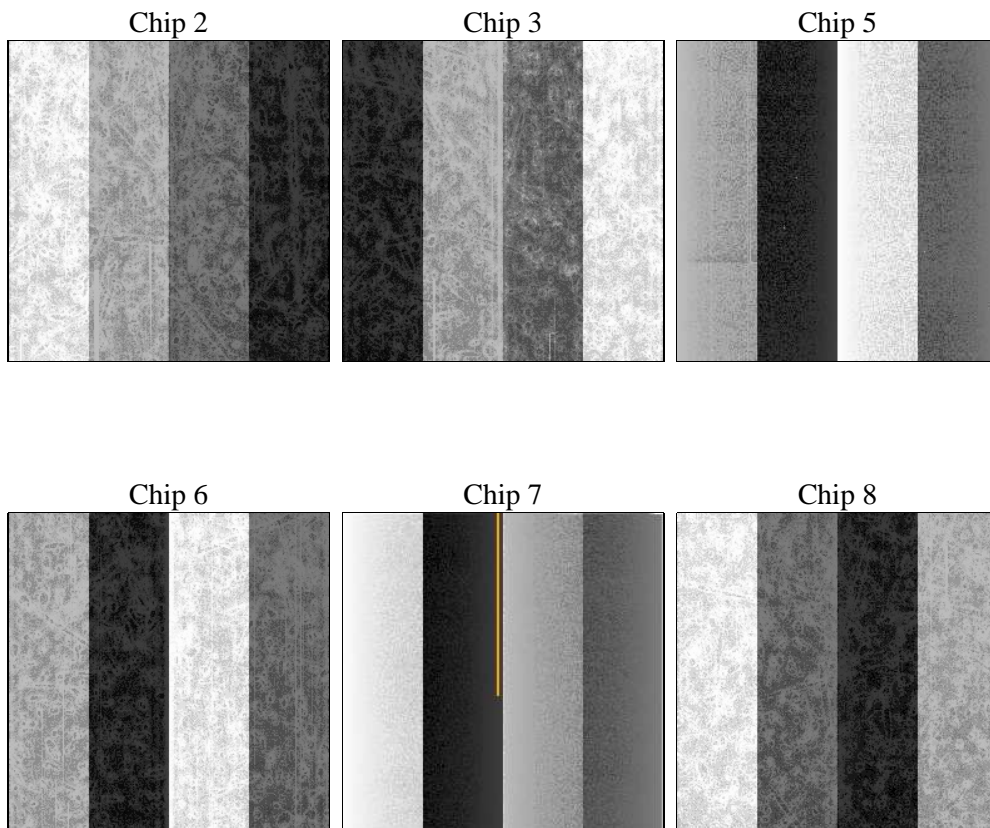
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	9455.9999648333	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	9455.9999648333	Sum of GTIs [s]
date	2012-05-08T02:03:19	Date and time of file creation	ontime3	9455.9999648333	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	9455.9999648333	Sum of GTIs [s]
			ontime6	9455.9999648333	Sum of GTIs [s]
			ontime7	9455.9999648333	Sum of GTIs [s]
			ontime8	9449.5179639459	Sum of GTIs [s]
			l1events	658233	Number of level 1 events

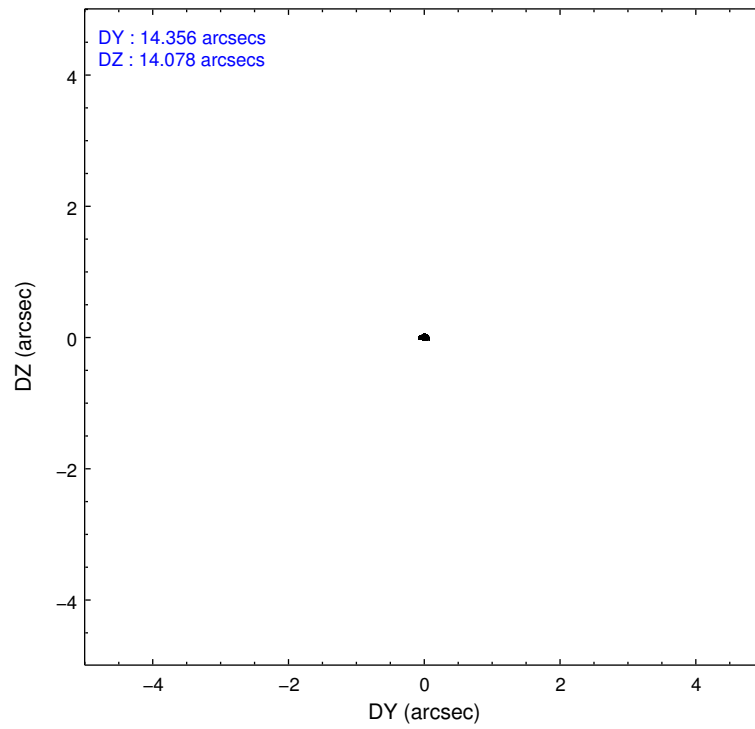
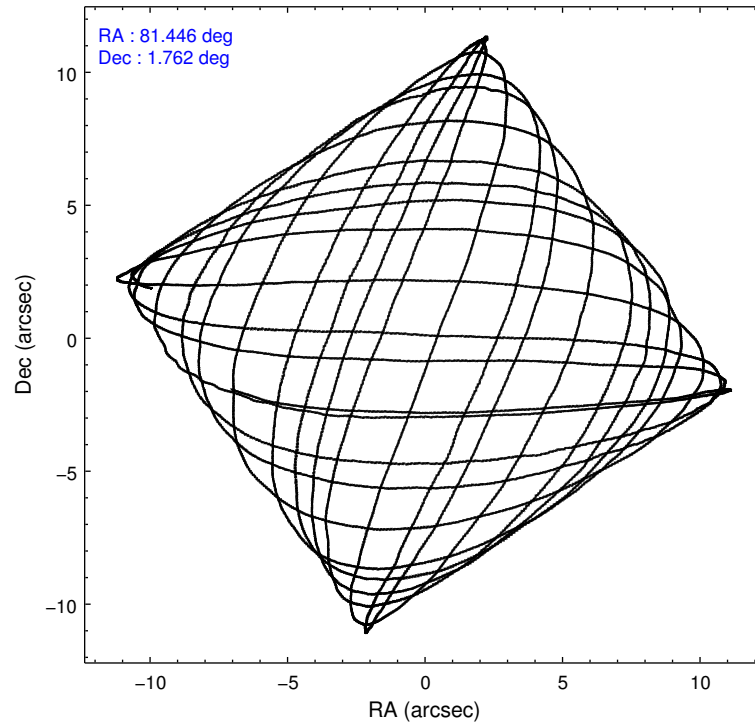
2.1.4 Events

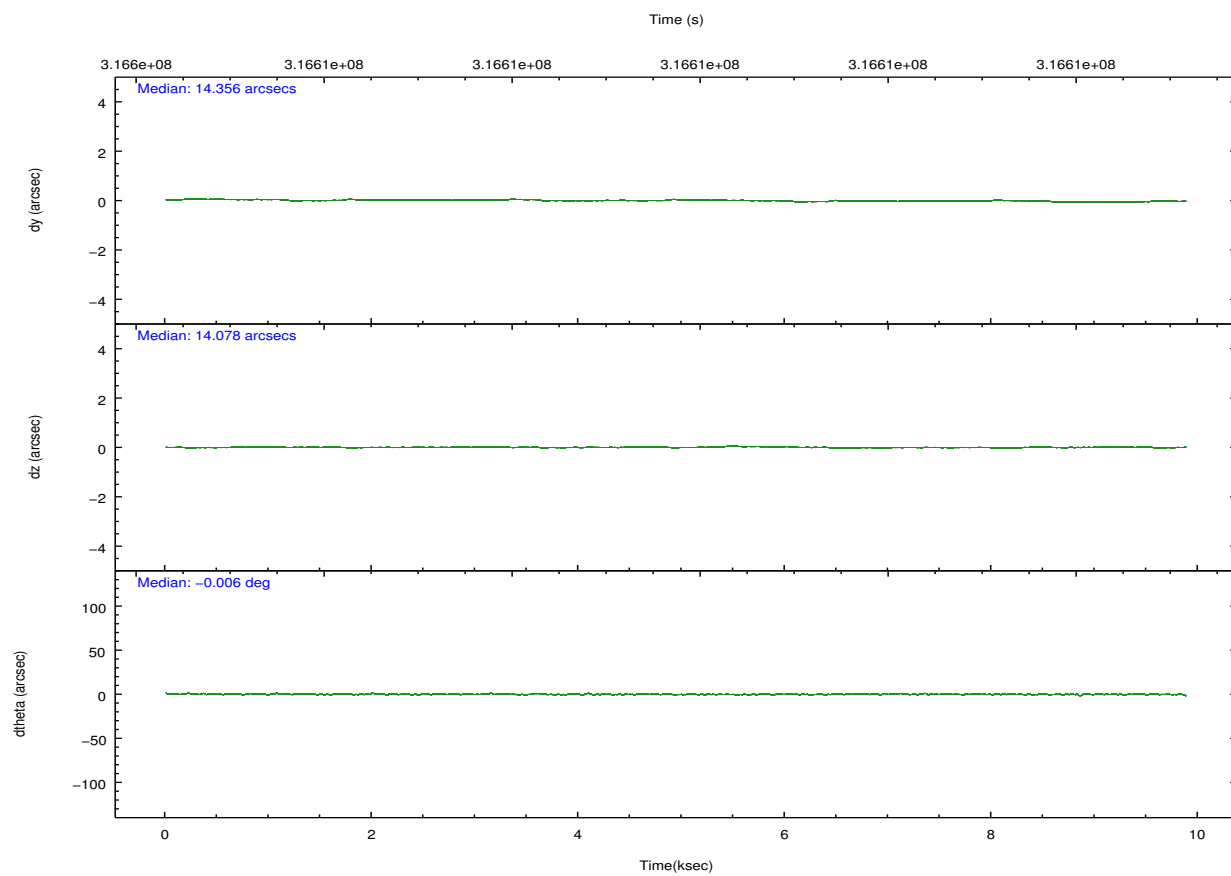
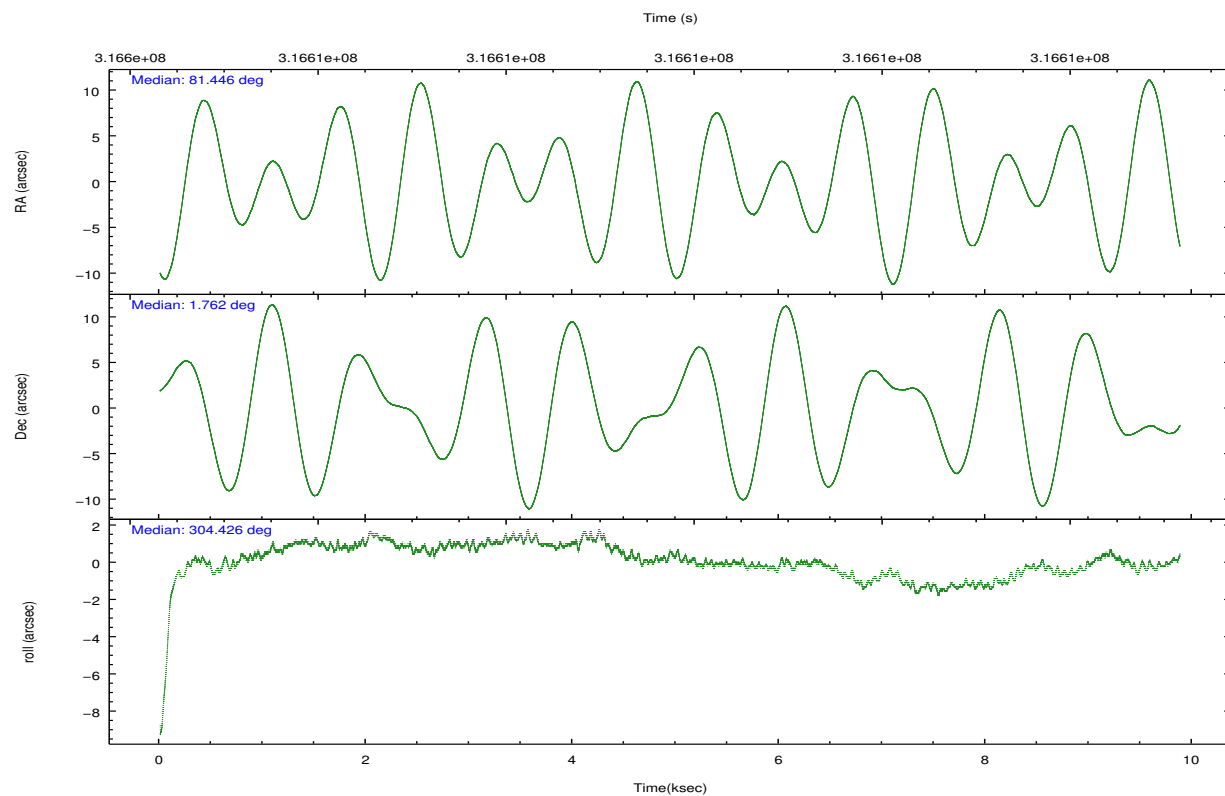
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	94071	87410	145040	89528	123849	118335	grade 0 events	4966	5097	10286	4716	4363	8154
rejected events	83017	76319	75921	78095	72475	92122		5%	5%	7%	5%	3%	6%
rejected %	88%	87%	52%	87%	58%	77%	grade 1 events	63	58	397	49	112	105
								0%	0%	0%	0%	0%	0%
							grade 2 events	2333	2121	20150	2443	10549	5934
								2%	2%	13%	2%	8%	5%
							grade 3 events	1004	1035	2454	1032	4212	2747
								1%	1%	1%	1%	3%	2%
							grade 4 events	991	965	2252	1004	4262	2501
								1%	1%	1%	1%	3%	2%
							grade 5 events	3578	4249	10074	4258	11265	5582
								3%	4%	6%	4%	9%	4%
							grade 6 events	1764	1873	33996	2240	28010	6882
								1%	2%	23%	2%	22%	5%
							grade 7 events	79372	72012	65431	73786	61076	86430
								84%	82%	45%	82%	49%	73%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	81.420855	81.44571174059429	Subarray requested	NONE	NONE
[deg] Pointing Dec	1.773413	1.761952112786483	Alternating exposures requested	N	N
[deg] Pointing Roll	304.272760	304.428618030715	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	316604992.184000	316604615.5048			
Observation start date	2008-01-13T09:48:47	2008-01-13T09:43:35			
[s] Observation end time (MET)	316614692.184000	316616110.88035			
Observation end date	2008-01-13T12:30:27	2008-01-13T12:55:10			
Read mode	TIMED	TIMED			

2.3 Aspect



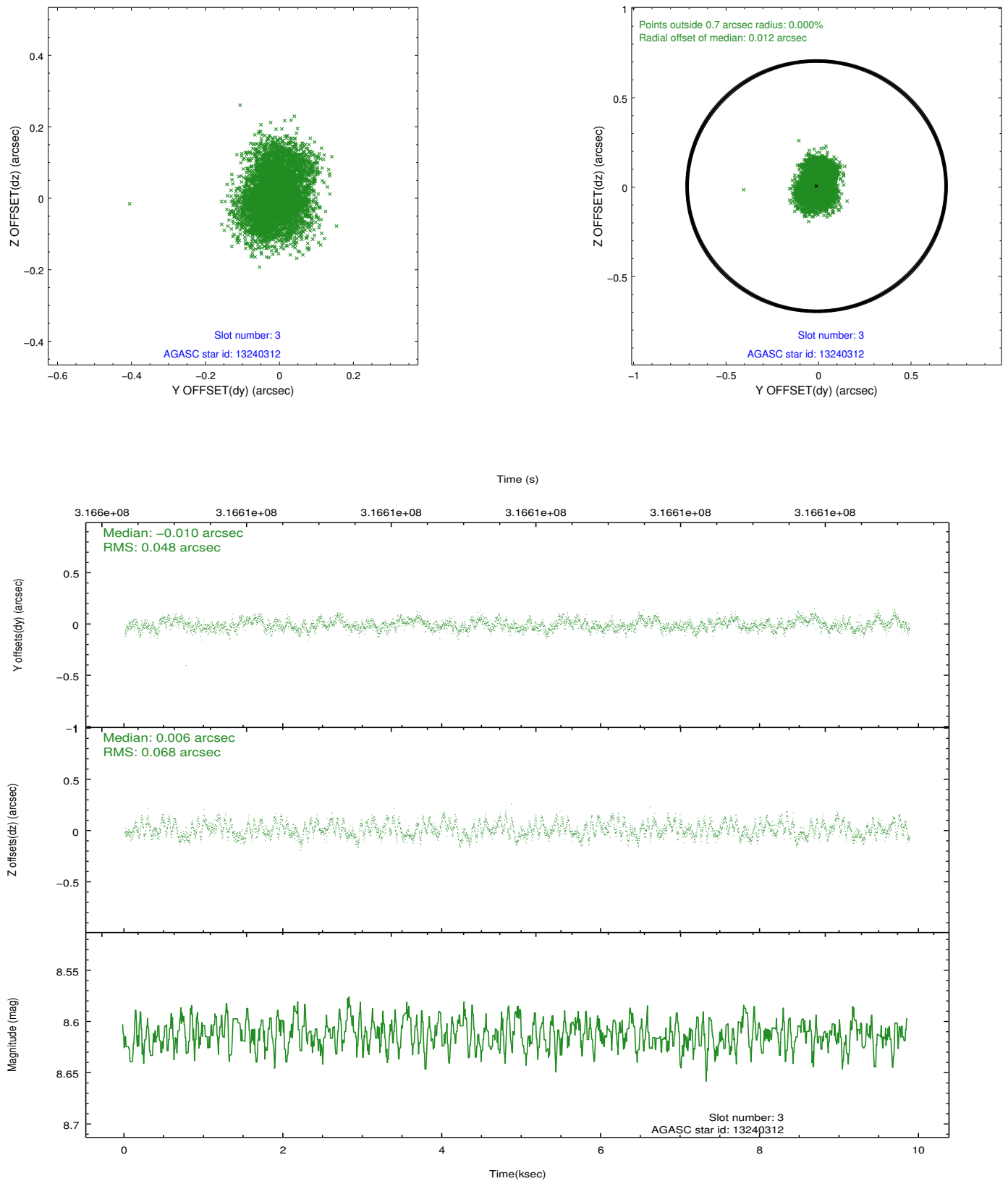


Slot Statistics

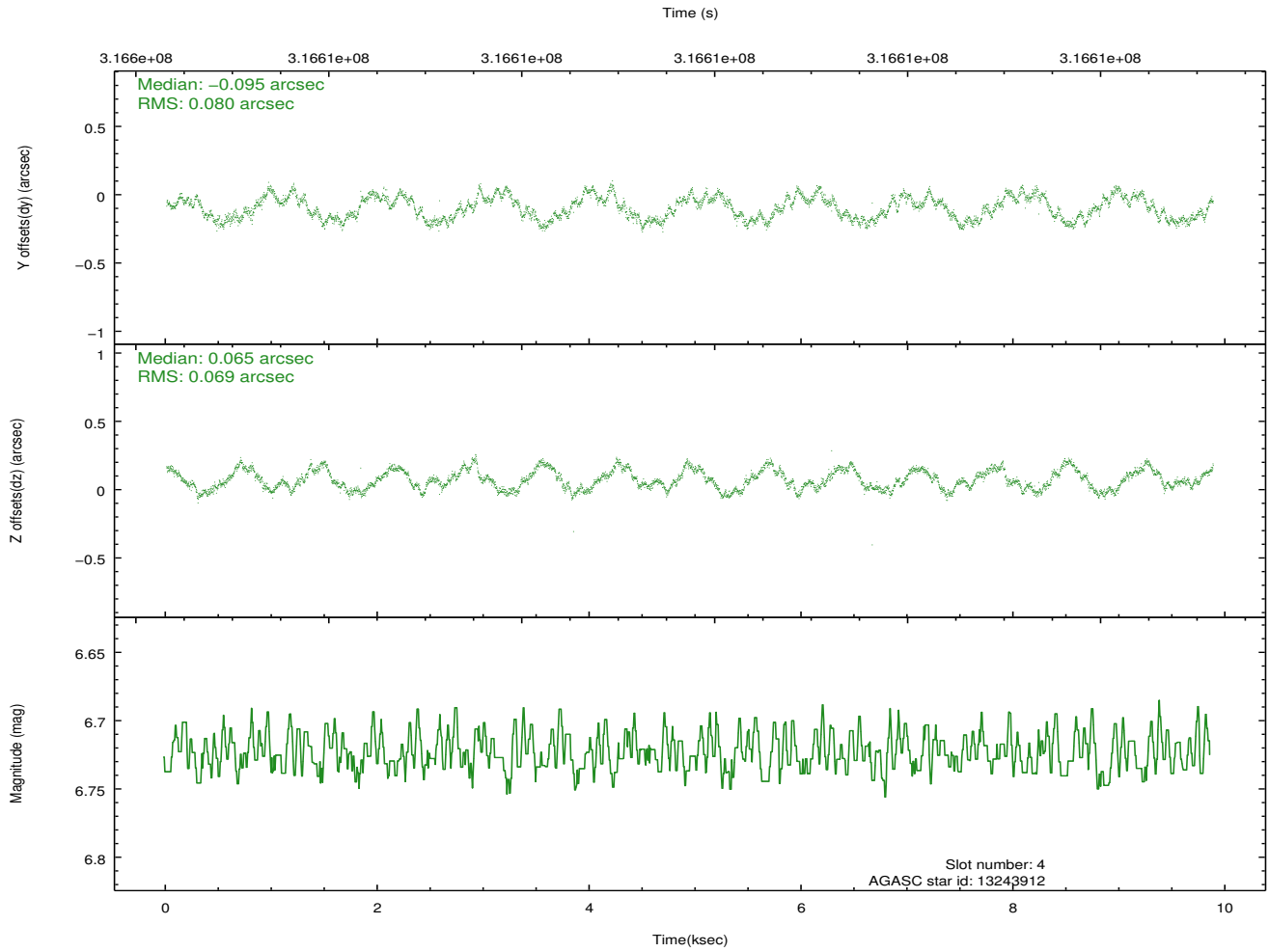
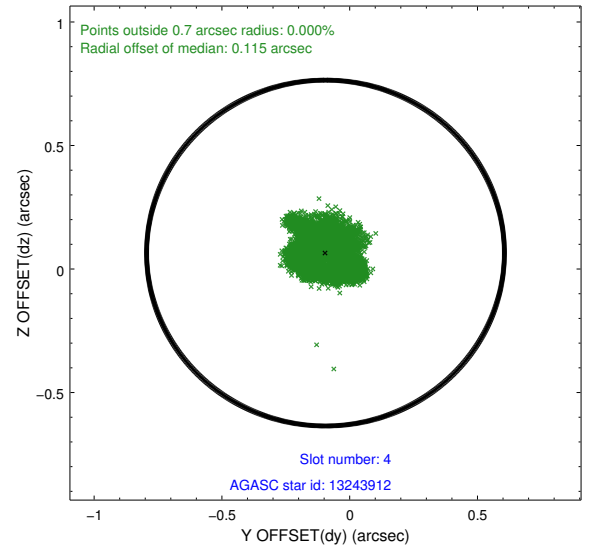
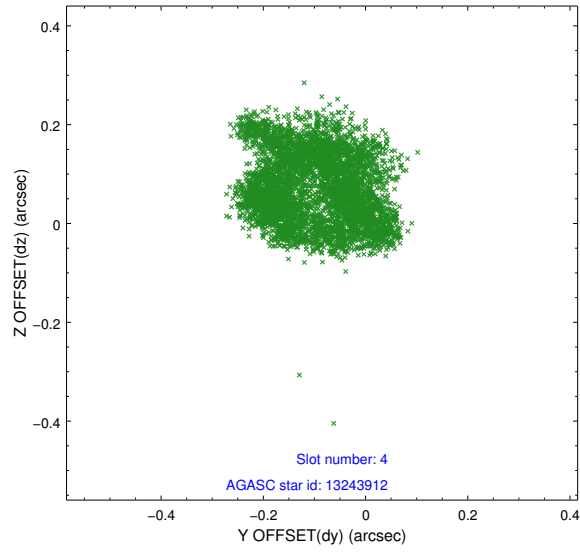
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	2408	0.076	-0.030	0.006	0.011	0.000000	0.000000	928.81	-1731.04
1	FID	ACIS-S-5	7.23	2409	-0.161	0.046	0.006	0.010	0.000000	0.000000	-1820.13	166.03
2	FID	ACIS-S-6	7.33	2409	0.063	-0.004	0.006	0.011	0.000000	0.000000	393.76	810.55
3	GUIDE	13240312	8.61	4815	-0.010	0.006	0.090	0.141	80.758059	1.696927	-1115.40	-2125.59
4	GUIDE	13243912	6.72	4819	-0.095	0.065	0.114	0.164	81.264652	1.185597	1432.39	-1656.39
5	GUIDE	13245504	9.03	4816	0.237	-0.088	0.080	0.132	81.755781	1.316053	2040.32	68.85
6	GUIDE	13247008	8.24	4818	0.057	0.036	0.062	0.102	81.569386	1.058672	2428.35	-1006.85
7	GUIDE	13784080	6.84	4818	-0.191	-0.033	0.091	0.144	81.150422	2.353162	-2271.81	371.38

2.4 Star Slots

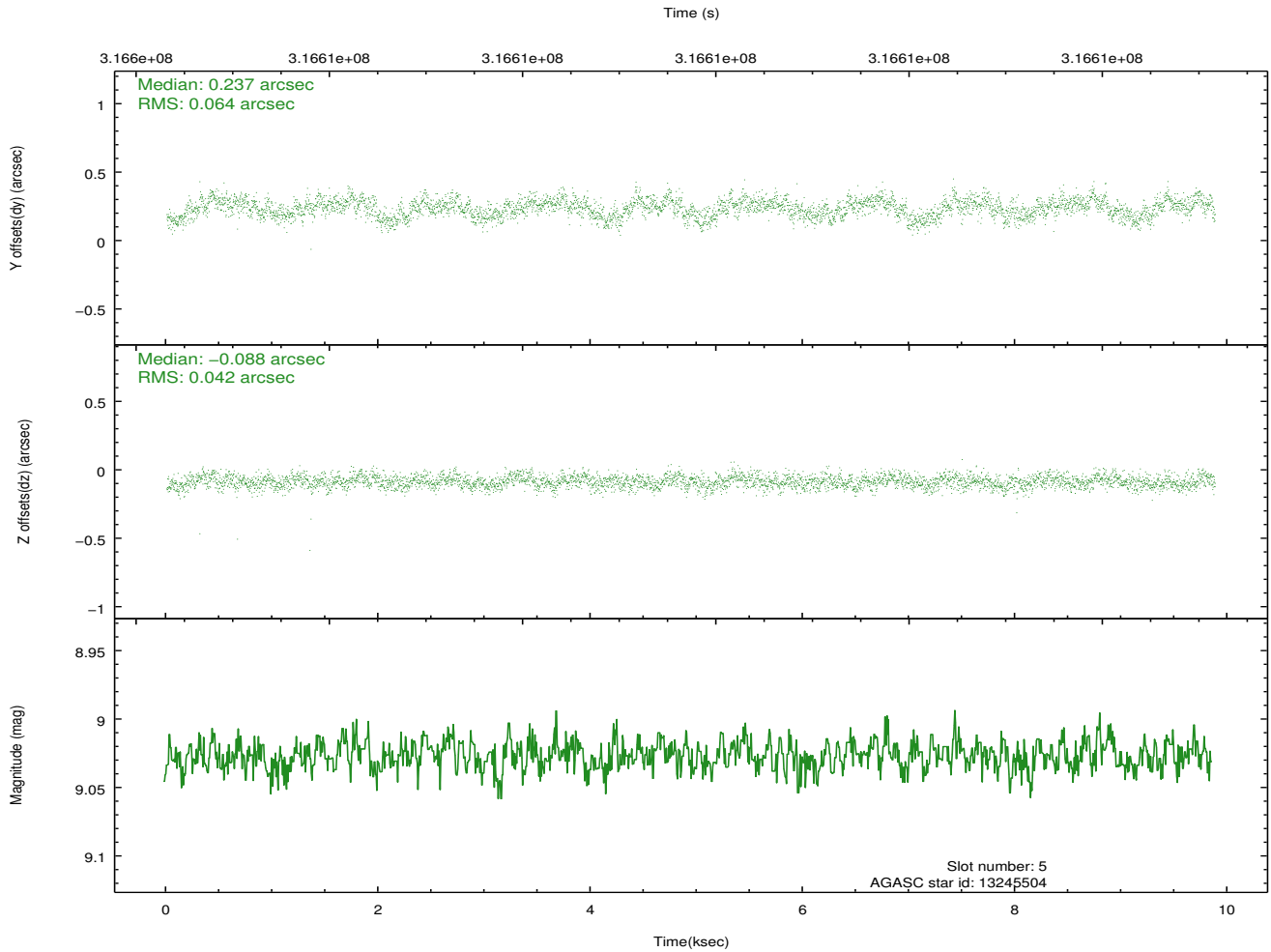
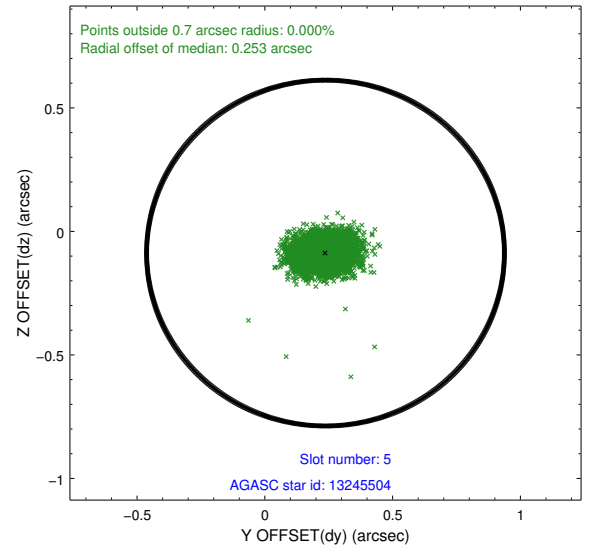
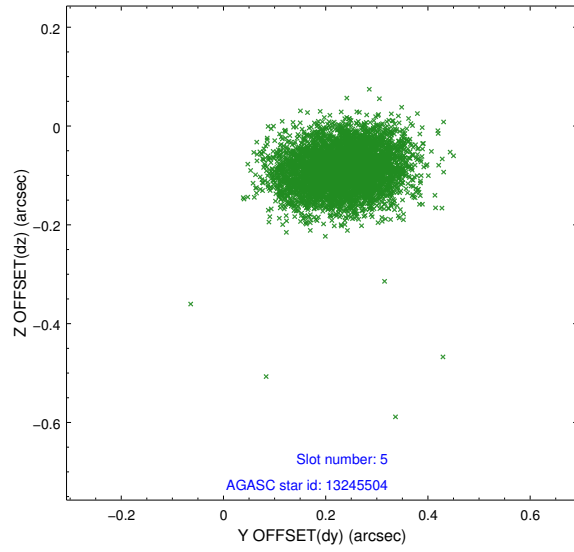
2.4.1 Slot 3



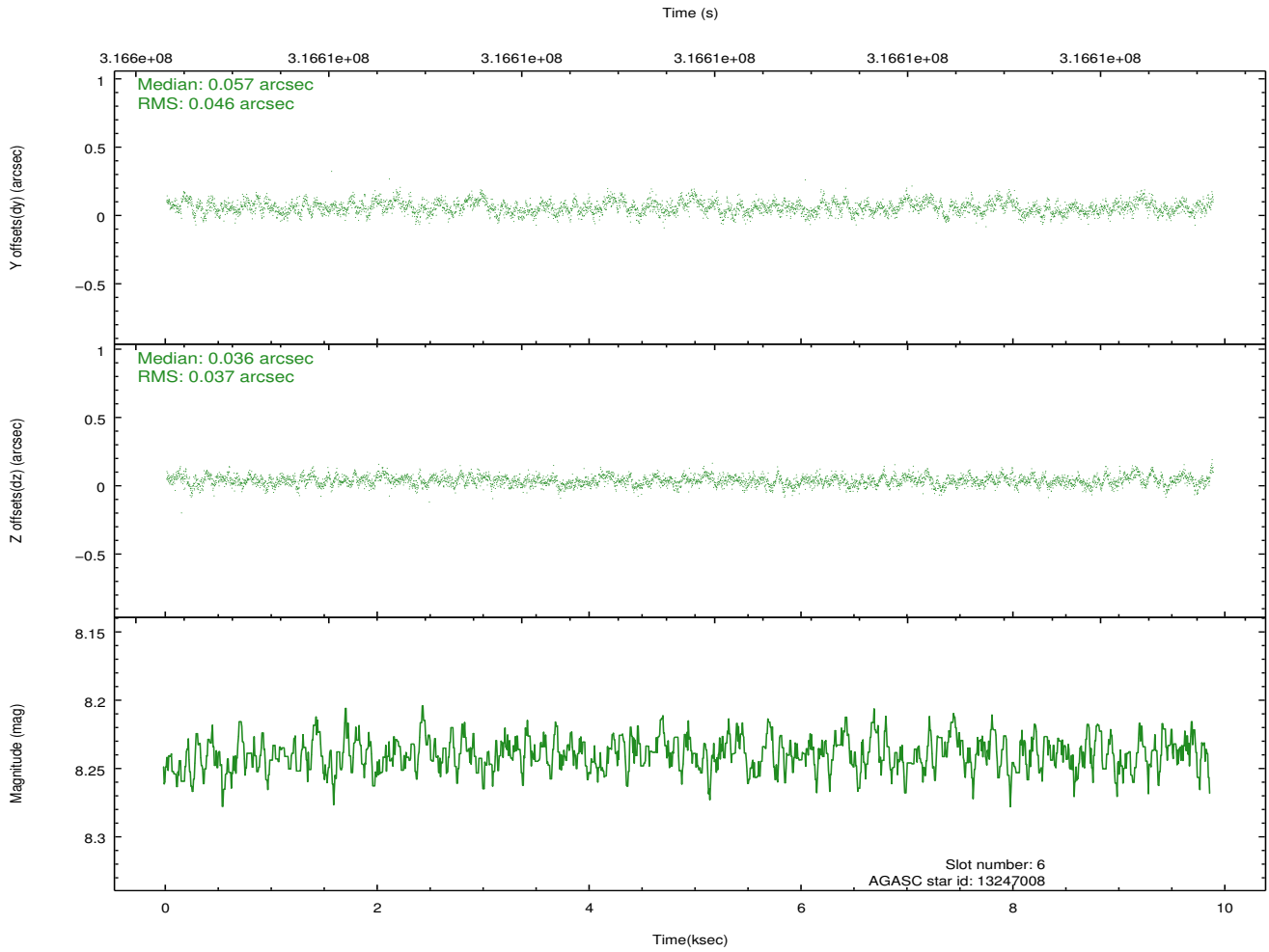
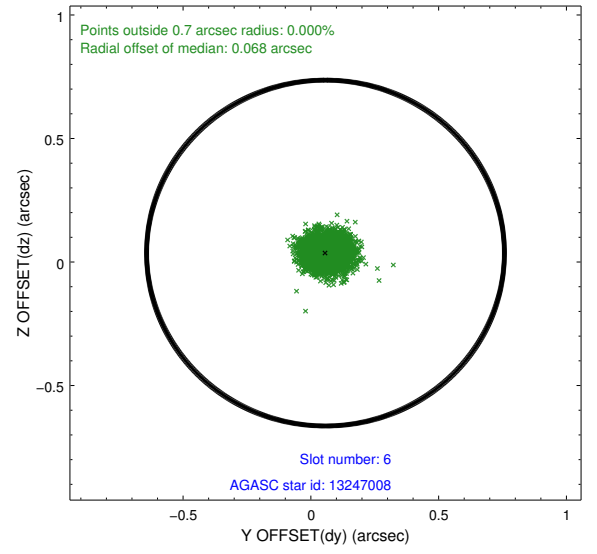
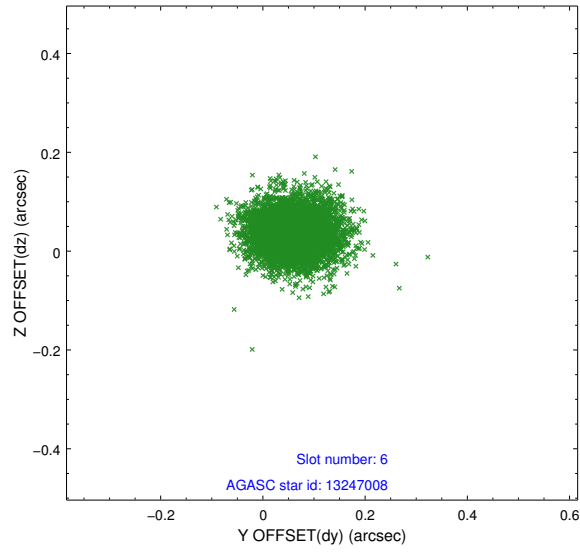
2.4.2 Slot 4



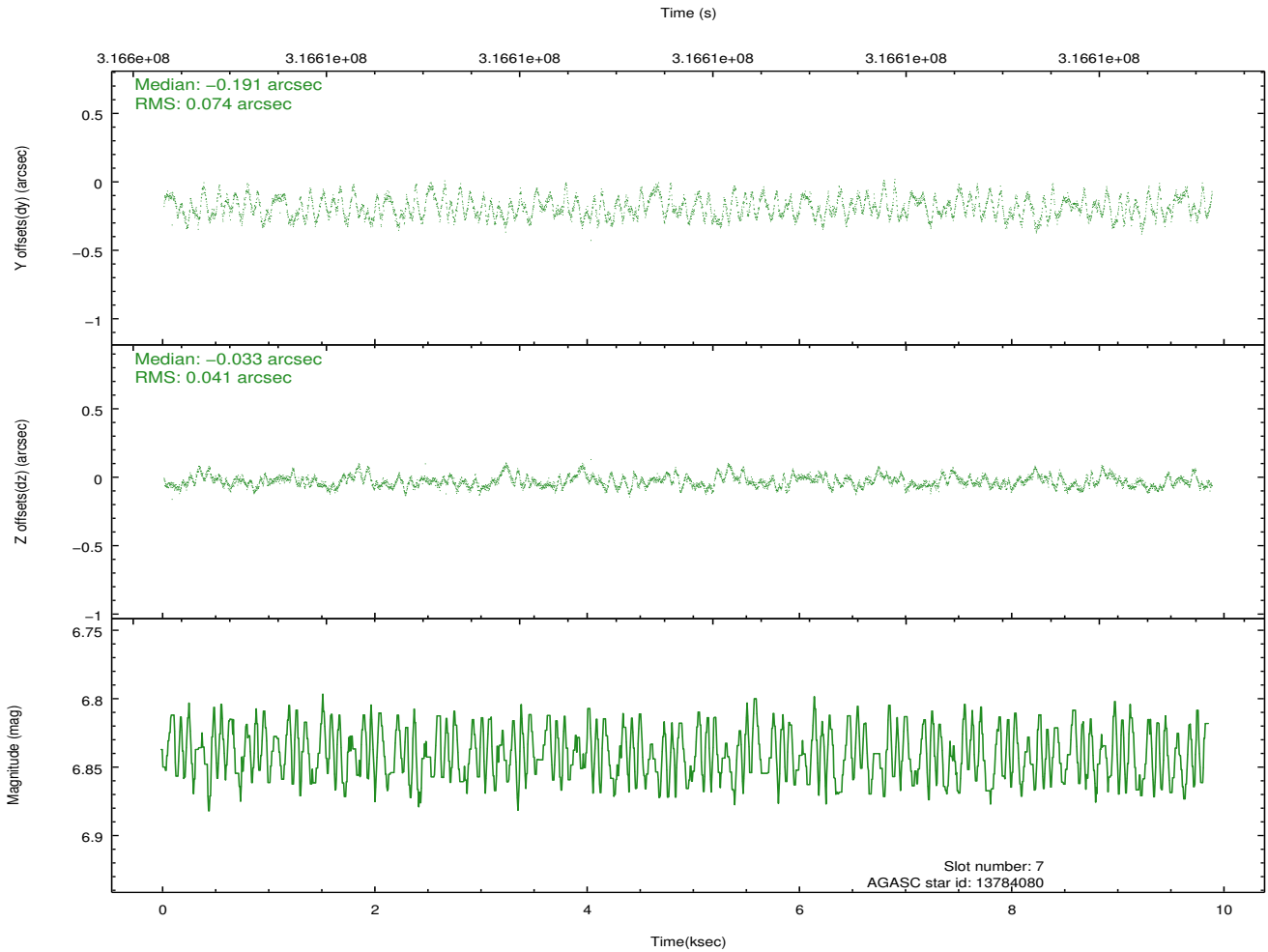
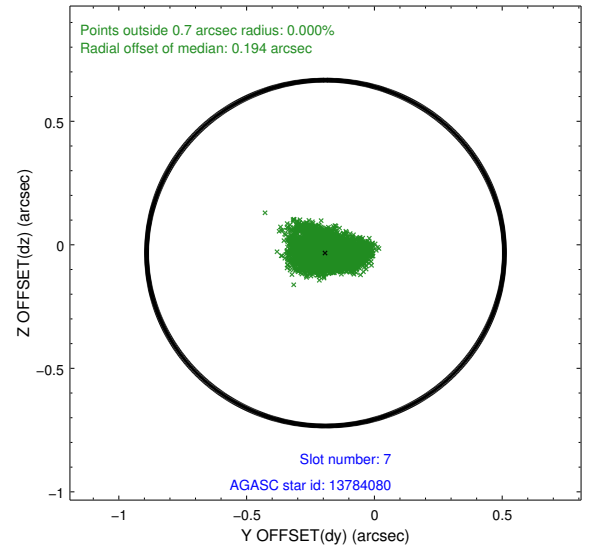
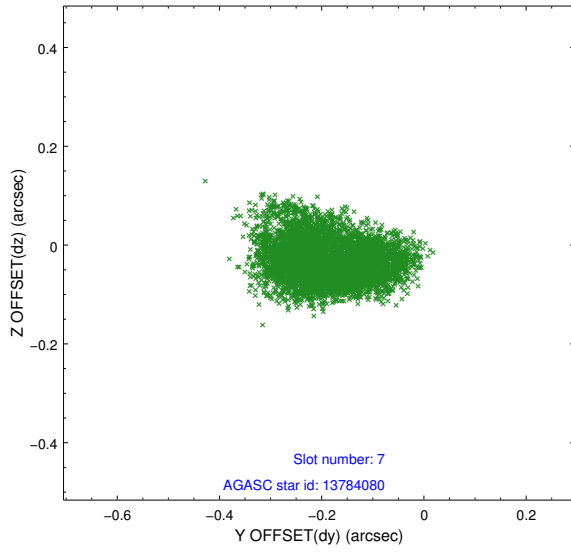
2.4.3 Slot 5



2.4.4 Slot 6

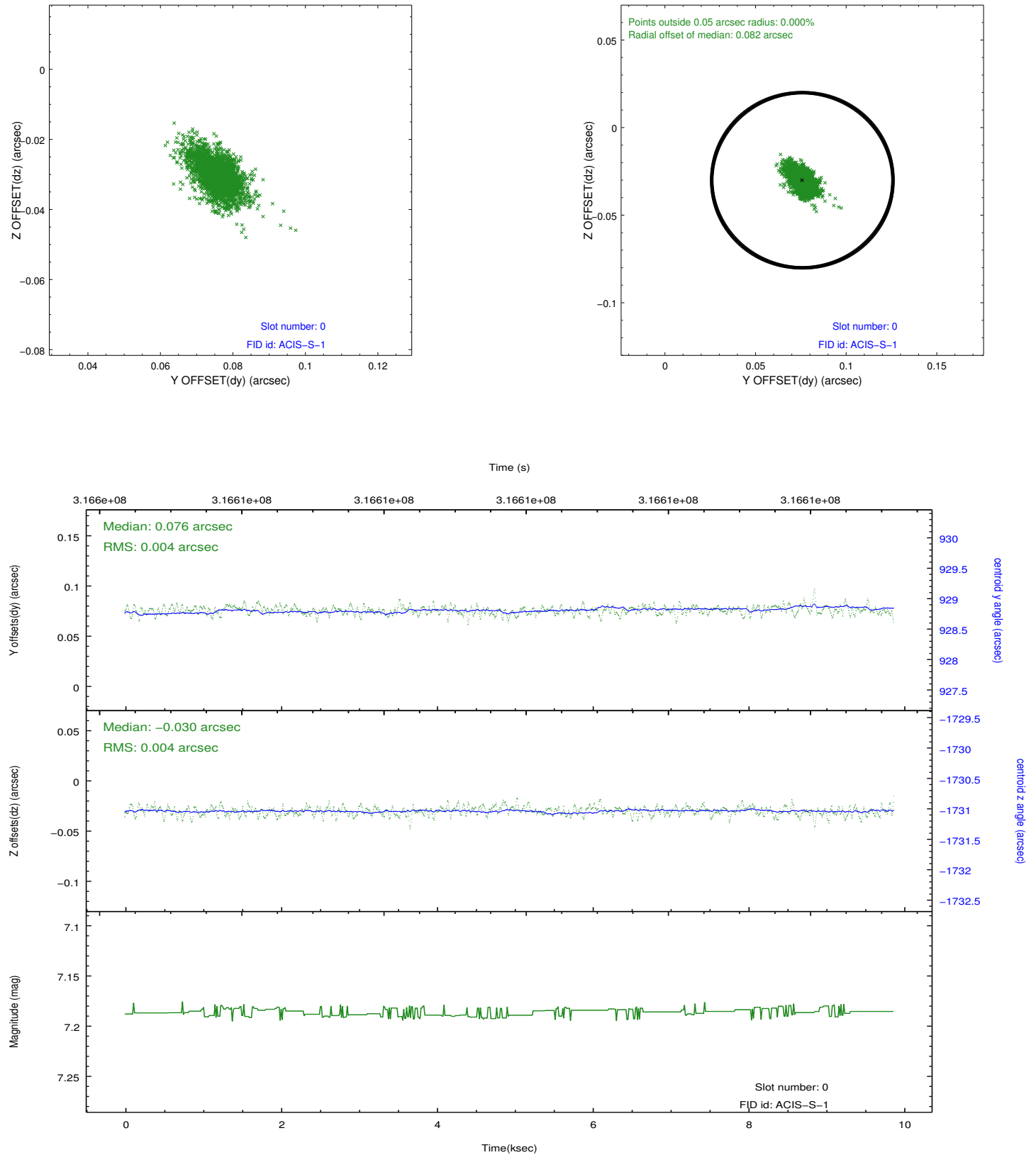


2.4.5 Slot 7

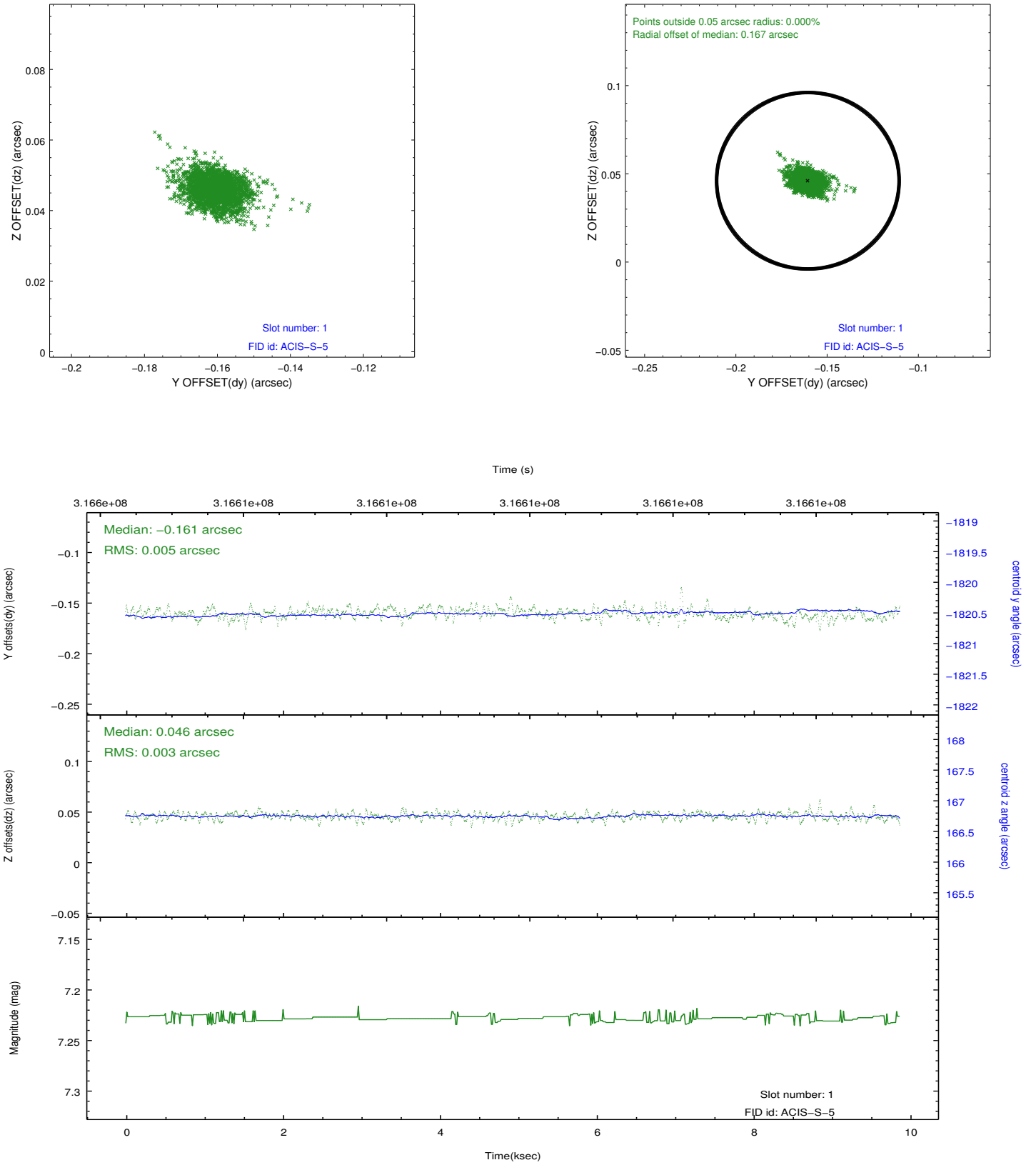


2.5 FID Slots

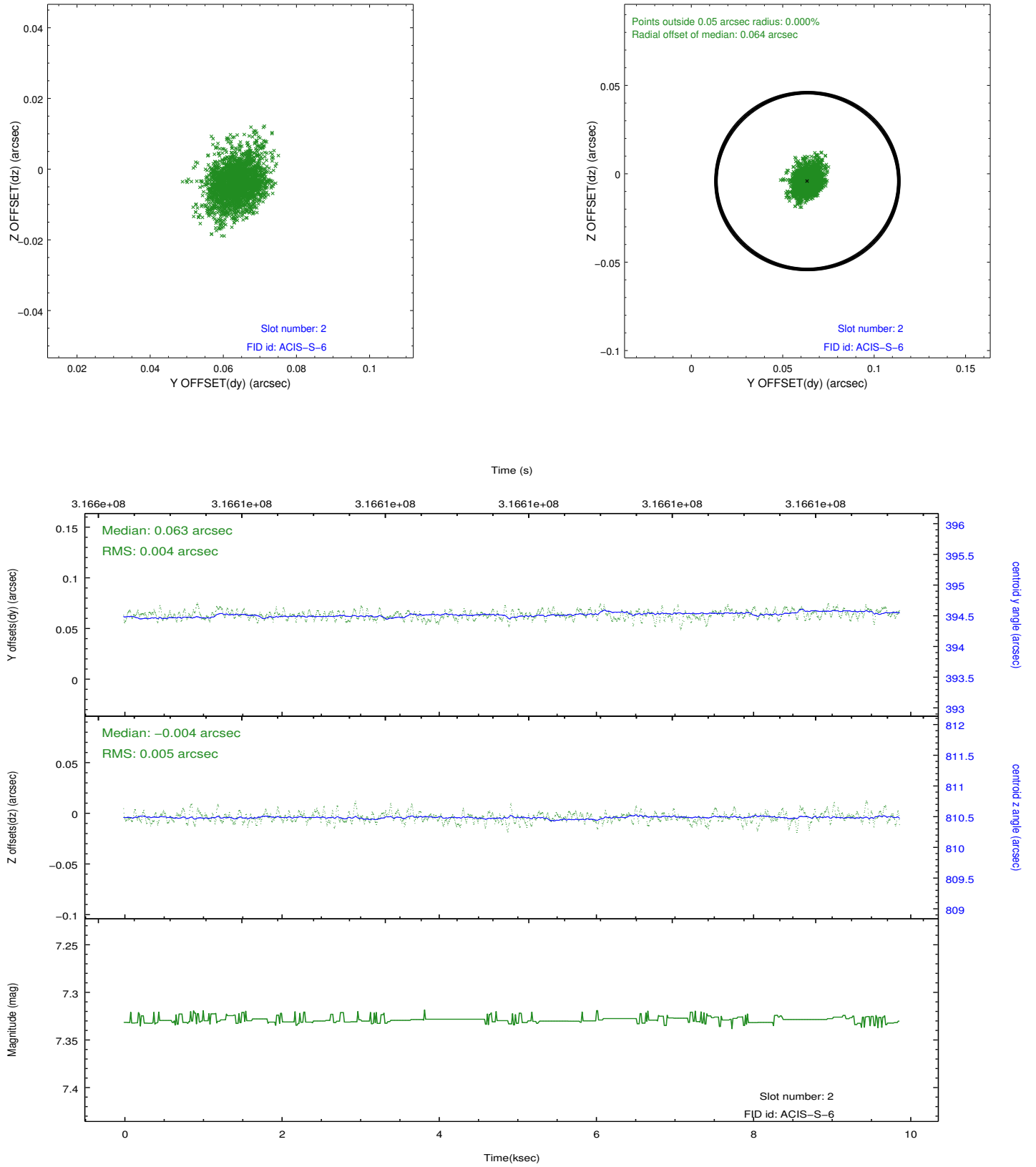
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.45599996

A.2 Comments

Joint with HST.