

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5856 - L2 Version 2
Chandra X-Ray Center

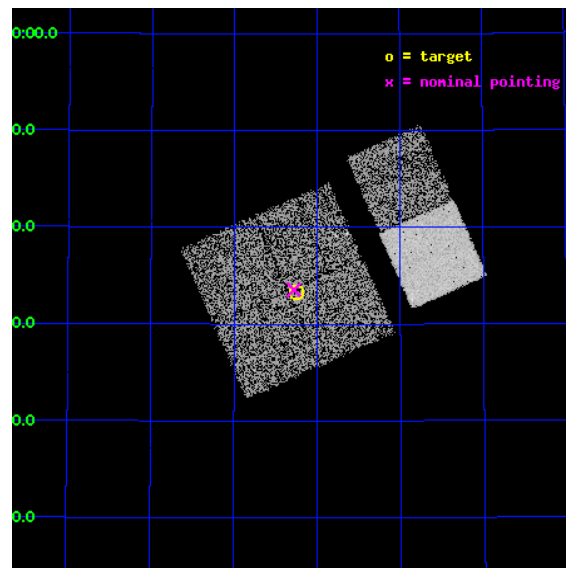
L2 Processing Date : Mar 24 2012

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1 Front

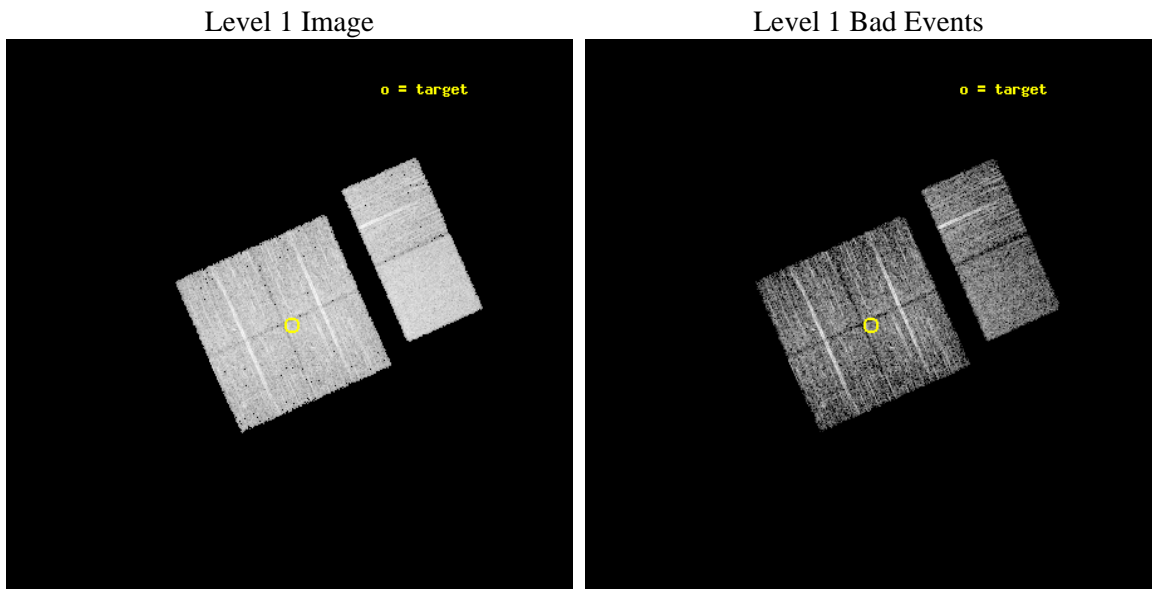
seq_num	900356	Sequence number
obs_id	5856	Observation id
title	The Spectral Energy Distributions of AGN: A Shallow Survey of the ELAIS-N1 Field	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	N1_02	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	241.564167	Observer's specified target RA [deg]
dec_targ	54.556194	Observer's specified target Dec [deg]
ra_nom	241.56999649261	Nominal RA [deg]
dec_nom	54.559381312014	Nominal Dec [deg]
roll_nom	66.118674990677	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4553.5589828193	Sum of GTIs [s]
livetime	4495.8990771548	Livetime [s]
ontime0	4553.4643035829	Sum of GTIs [s]
ontime1	4556.7463238537	Sum of GTIs [s]
ontime2	4556.787363857	Sum of GTIs [s]
ontime3	4553.5589828193	Sum of GTIs [s]
ontime6	4556.7999830246	Sum of GTIs [s]
ontime7	4556.7999830246	Sum of GTIs [s]
l2events	40722	Number of level 2 events



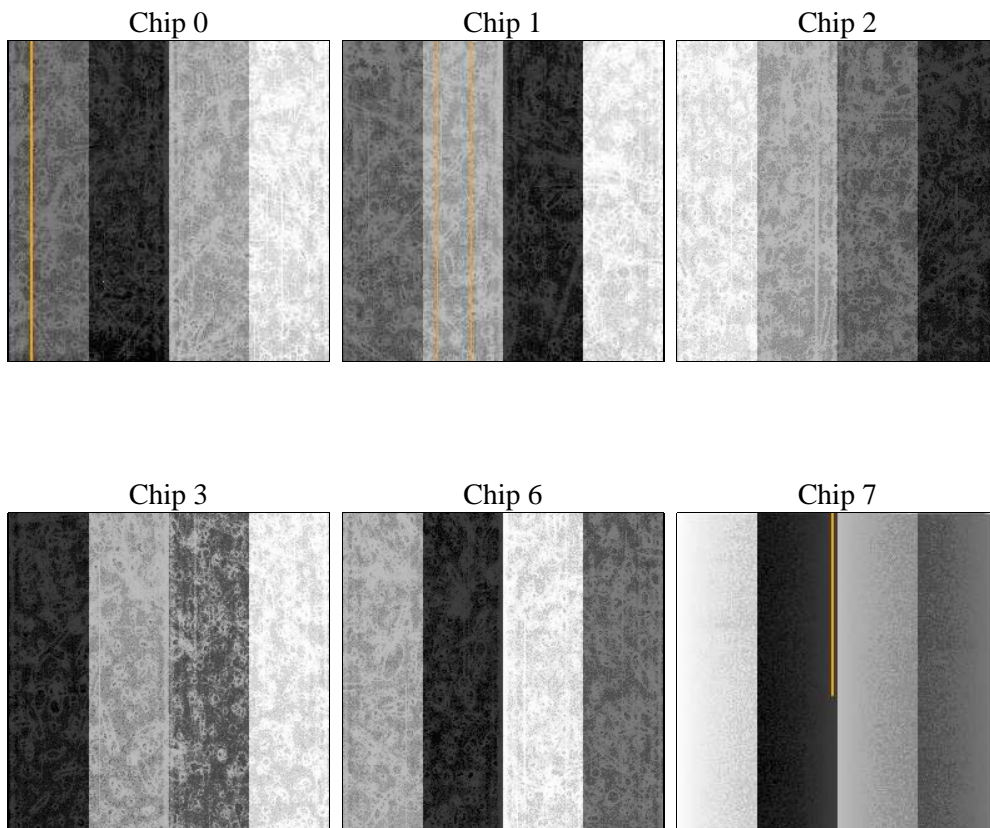
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	4553.5589828193	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4553.4643035829	Sum of GTIs [s]
date	2012-03-24T08:05:58	Date and time of file creation	ontime1	4556.7463238537	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4556.787363857	Sum of GTIs [s]
			ontime3	4553.5589828193	Sum of GTIs [s]
			ontime6	4556.7999830246	Sum of GTIs [s]
			ontime7	4556.7999830246	Sum of GTIs [s]
			l1events	238939	Number of level 1 events

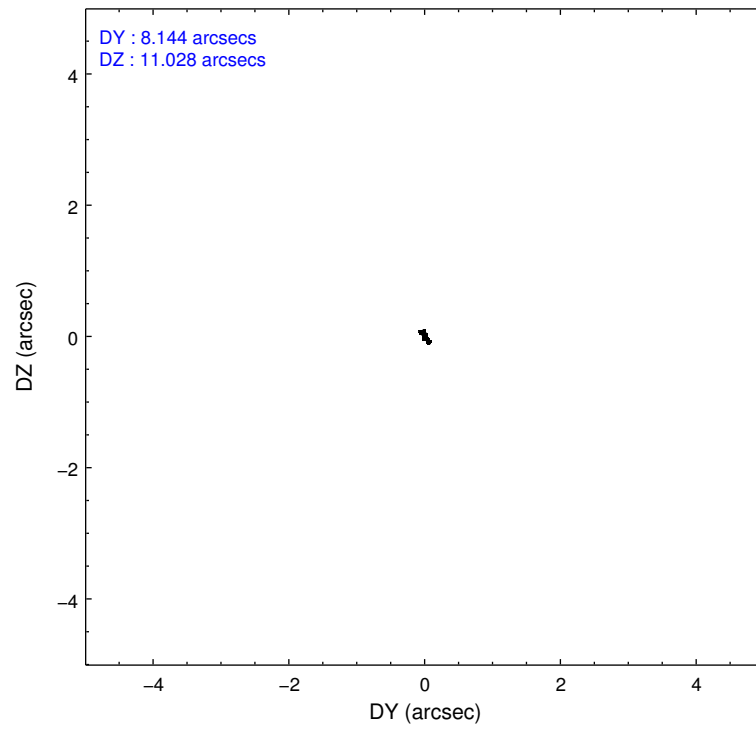
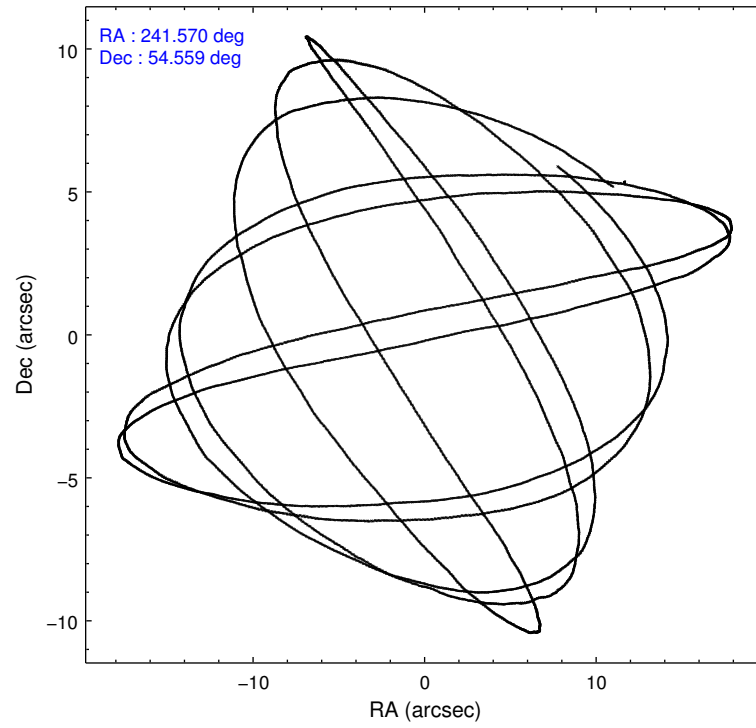
2.1.4 Events

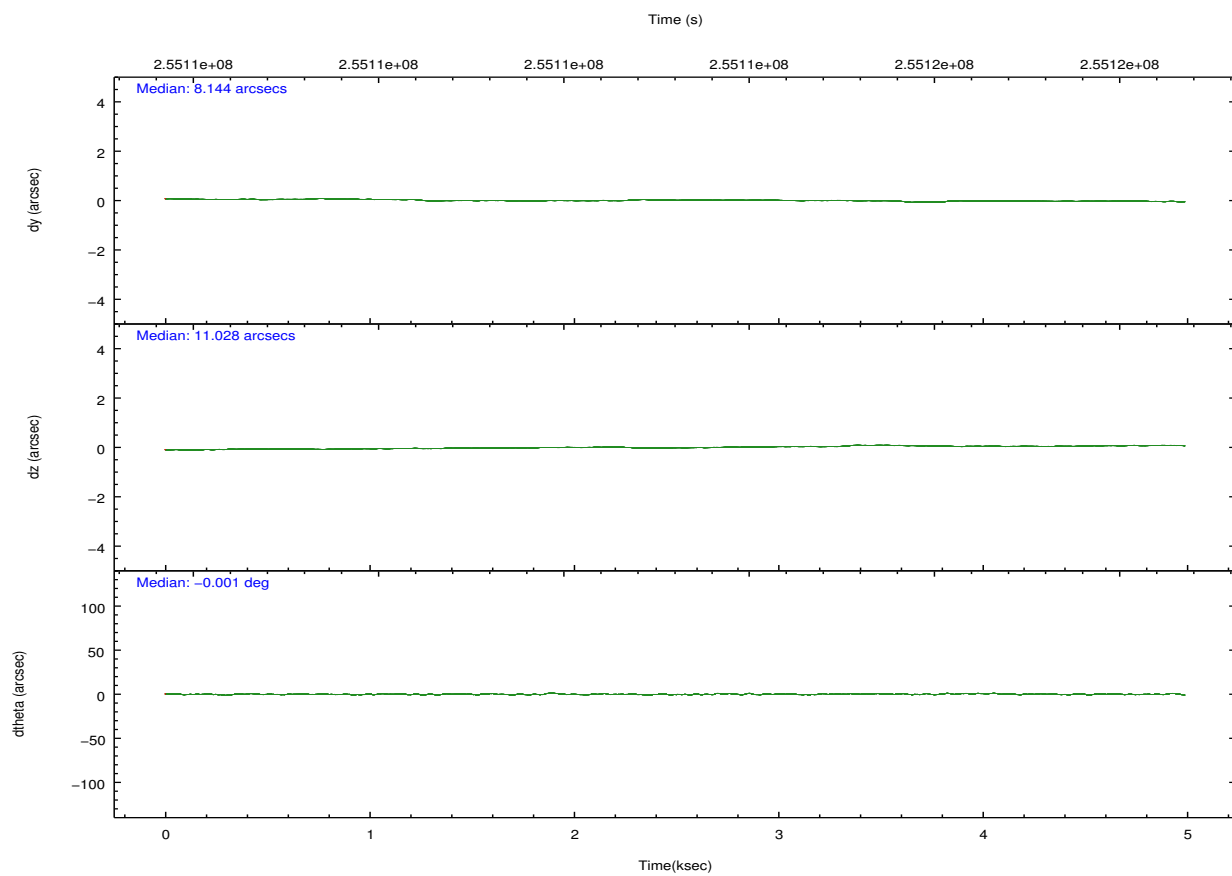
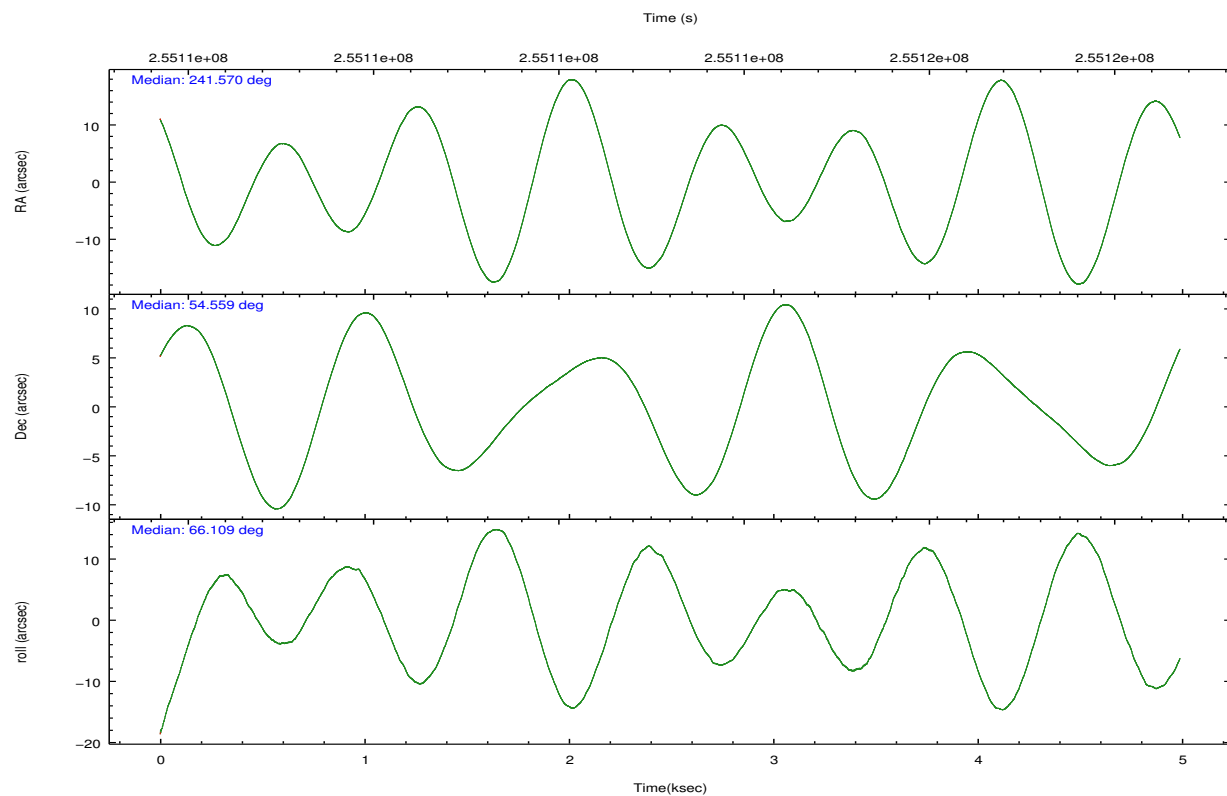
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	37955	35096	37979	37241	38784	51884	grade 0 events	1987	1812	2089	1864	1736	1948
rejected events	33262	30402	33320	32926	34301	30295		5%	5%	5%	5%	4%	3%
rejected %	87%	86%	87%	88%	88%	58%	grade 1 events	21	24	37	31	17	49
								0%	0%	0%	0%	0%	0%
							grade 2 events	1038	1068	930	815	993	4411
								2%	3%	2%	2%	2%	8%
							grade 3 events	450	426	447	444	402	1861
								1%	1%	1%	1%	1%	3%
							grade 4 events	426	482	446	400	428	1869
								1%	1%	1%	1%	1%	3%
							grade 5 events	1529	1622	1391	1694	1811	4949
								4%	4%	3%	4%	4%	9%
							grade 6 events	794	909	750	795	925	11511
								2%	2%	1%	2%	2%	22%
							grade 7 events	31710	28753	31889	31198	32472	25286
								83%	81%	83%	83%	83%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	241.575224	241.5699964926077	Subarray requested	NONE	NONE
[deg] Pointing Dec	54.532153	54.55938131201444	Alternating exposures requested	N	N
[deg] Pointing Roll	65.905734	66.11867499067671	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	255111292.184000	255110916.33879			
Observation start date	2006-01-31T16:13:47	2006-01-31T16:08:36			
[s] Observation end time (MET)	255116092.184000	255116225.83903			
Observation end date	2006-01-31T17:33:47	2006-01-31T17:37:05			
Read mode	TIMED	TIMED			

2.3 Aspect



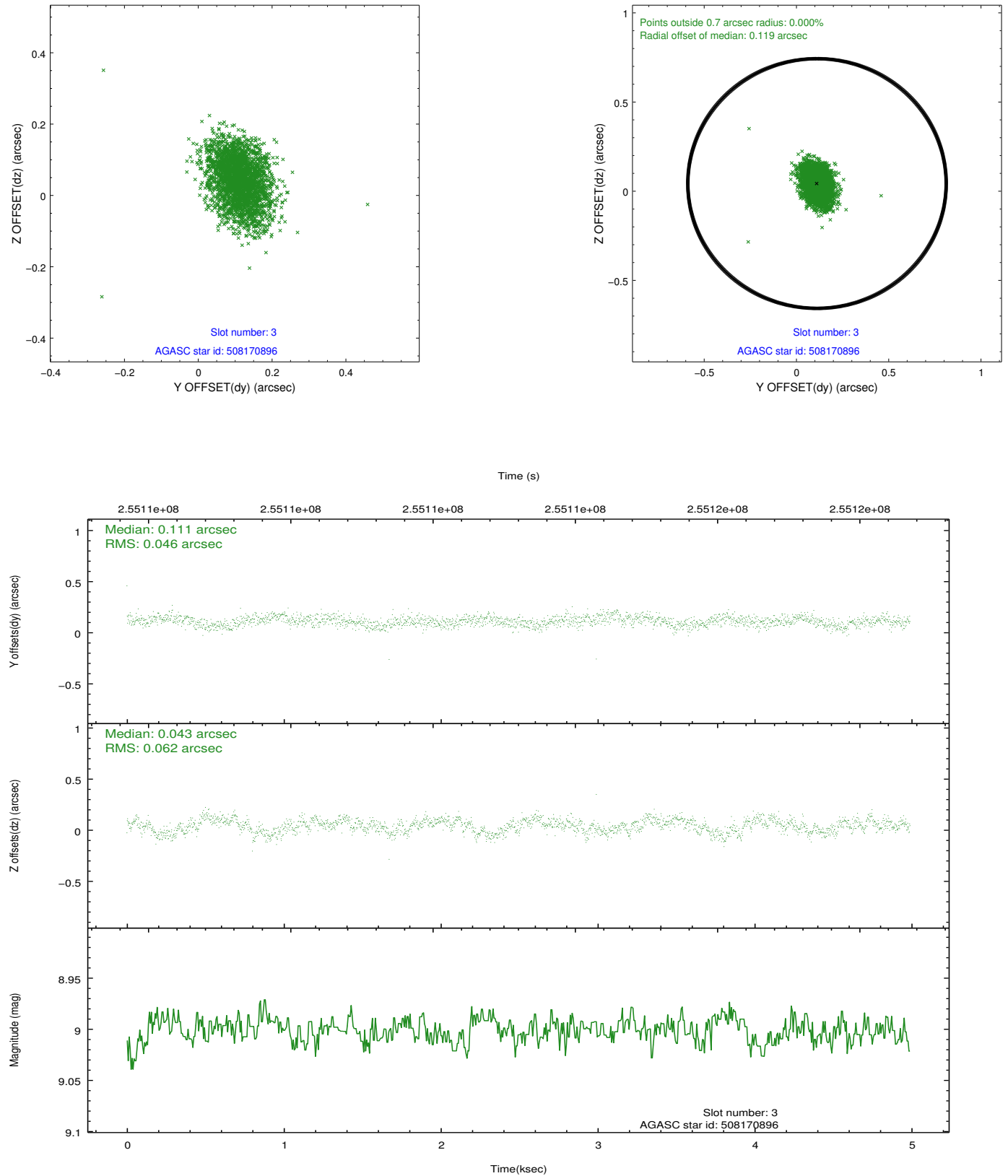


Slot Statistics

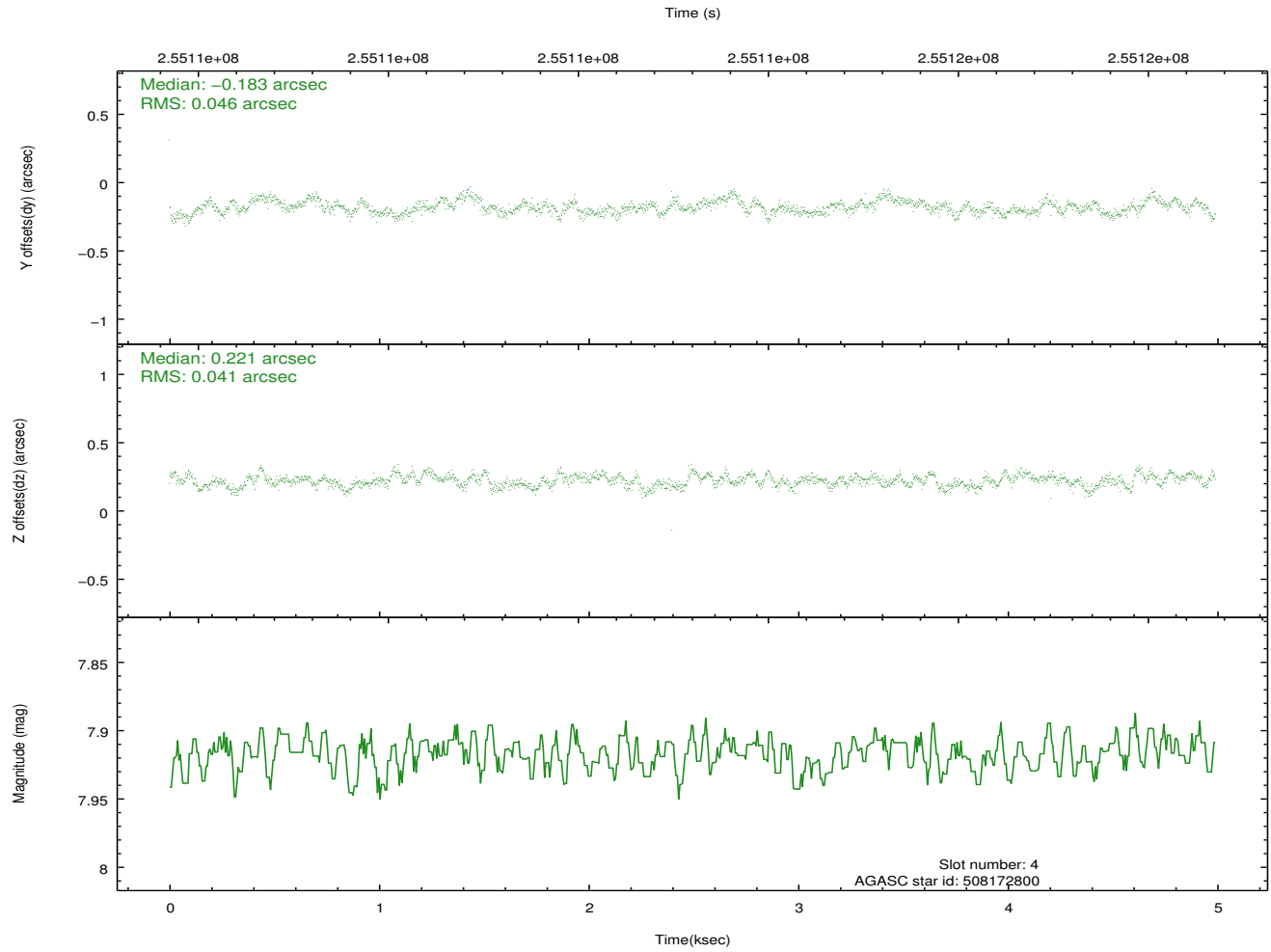
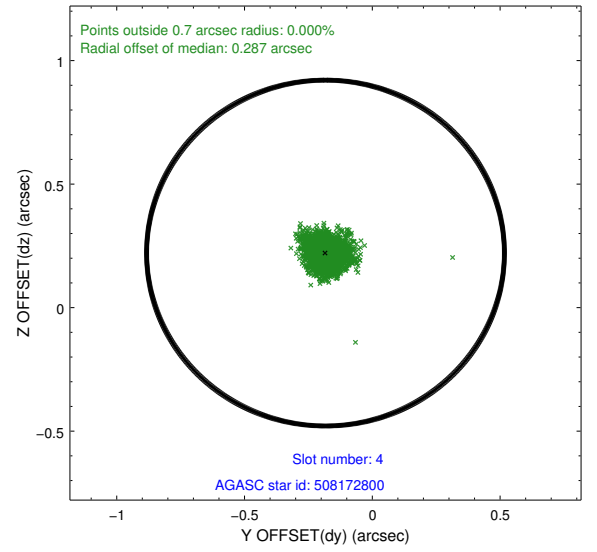
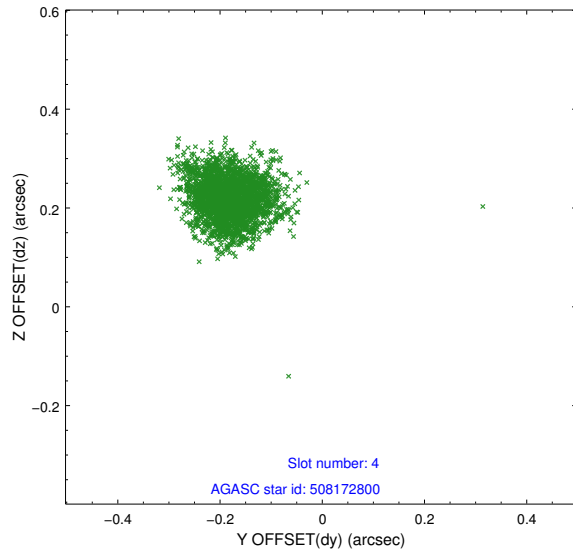
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1218	0.047	-0.032	0.006	0.011	0.000000	0.000000	931.53	-834.57
1	FID	ACIS-I-5	7.23	1217	-0.187	0.055	0.006	0.010	0.000000	0.000000	-1816.10	1062.44
2	FID	ACIS-I-6	7.25	1218	0.048	0.047	0.006	0.011	0.000000	0.000000	395.80	1708.28
3	GUIDE	508170896	9.00	2435	0.111	0.043	0.081	0.133	242.052968	54.527984	397.37	-915.77
4	GUIDE	508172800	7.92	2432	-0.183	0.221	0.065	0.104	242.573753	54.657892	1276.12	-1707.34
5	GUIDE	508173376	8.32	2434	0.088	-0.115	0.061	0.097	241.134254	54.422412	-734.45	682.15
6	GUIDE	508567136	8.76	2434	-0.094	-0.120	0.074	0.115	240.841632	55.181215	1524.31	2334.37
7	GUIDE	508569792	9.60	2429	0.076	-0.025	0.114	0.177	241.118764	55.014289	1203.38	1571.05

2.4 Star Slots

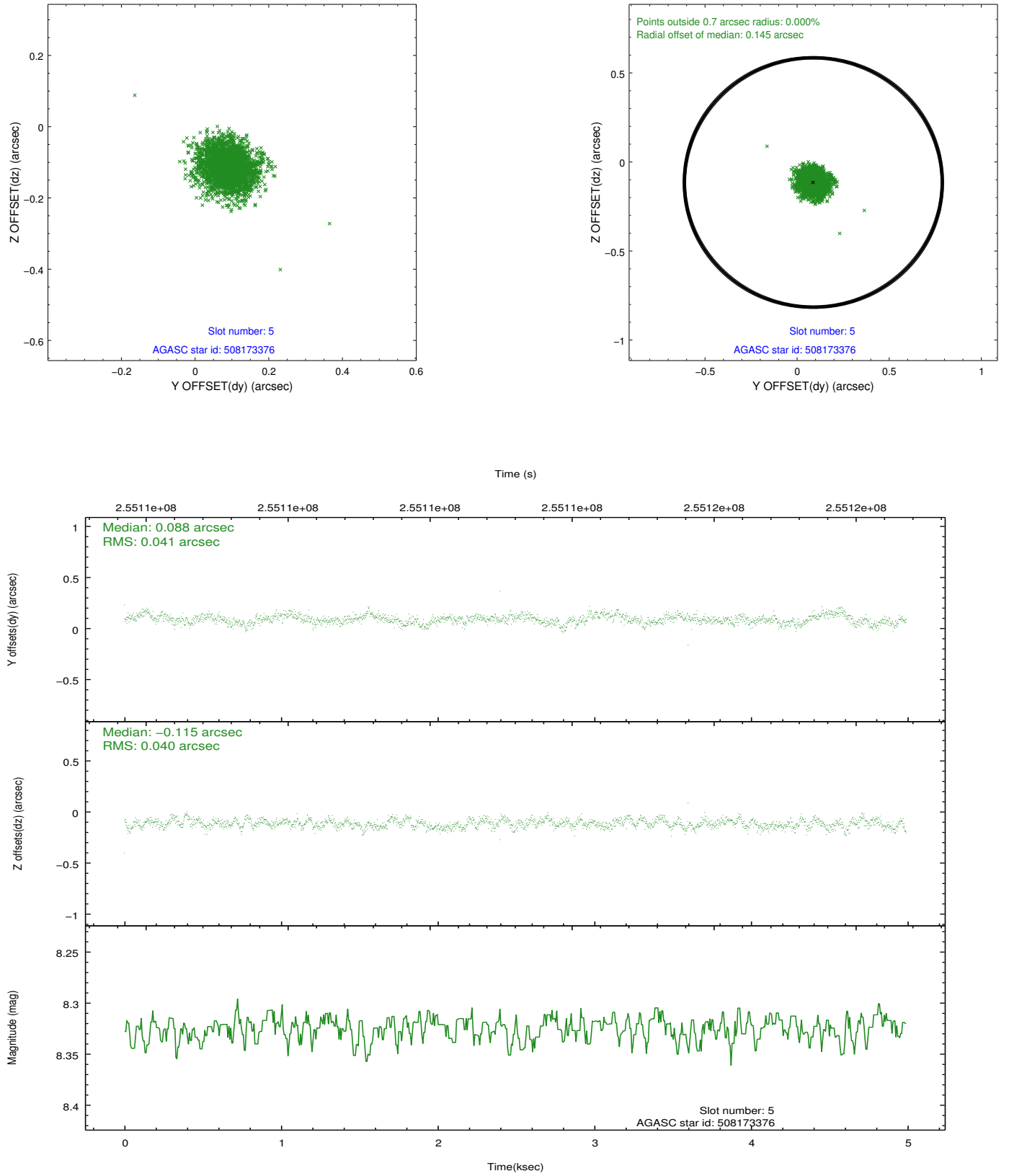
2.4.1 Slot 3



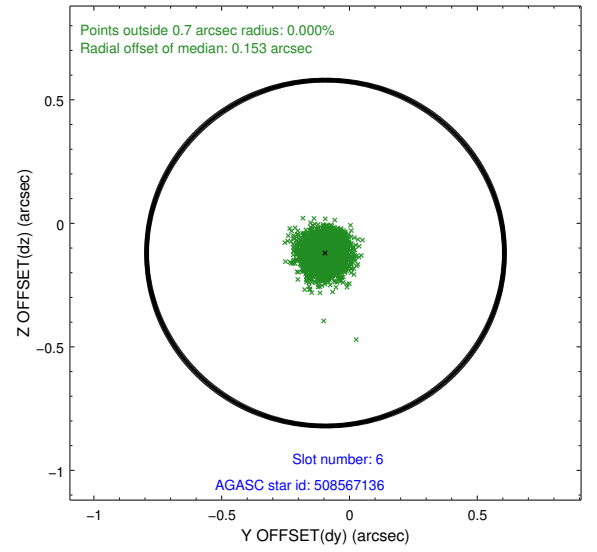
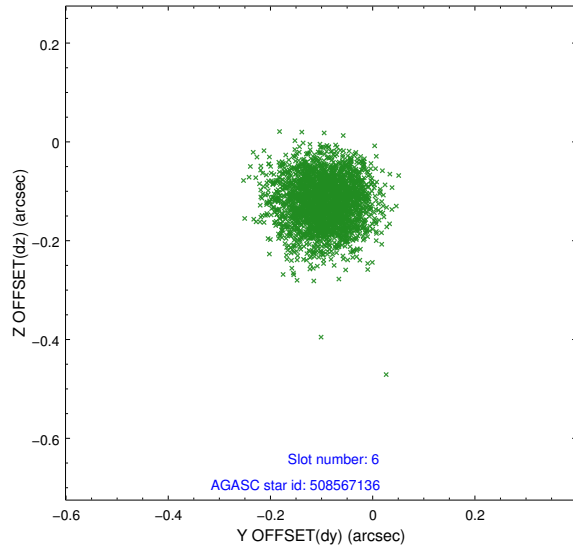
2.4.2 Slot 4



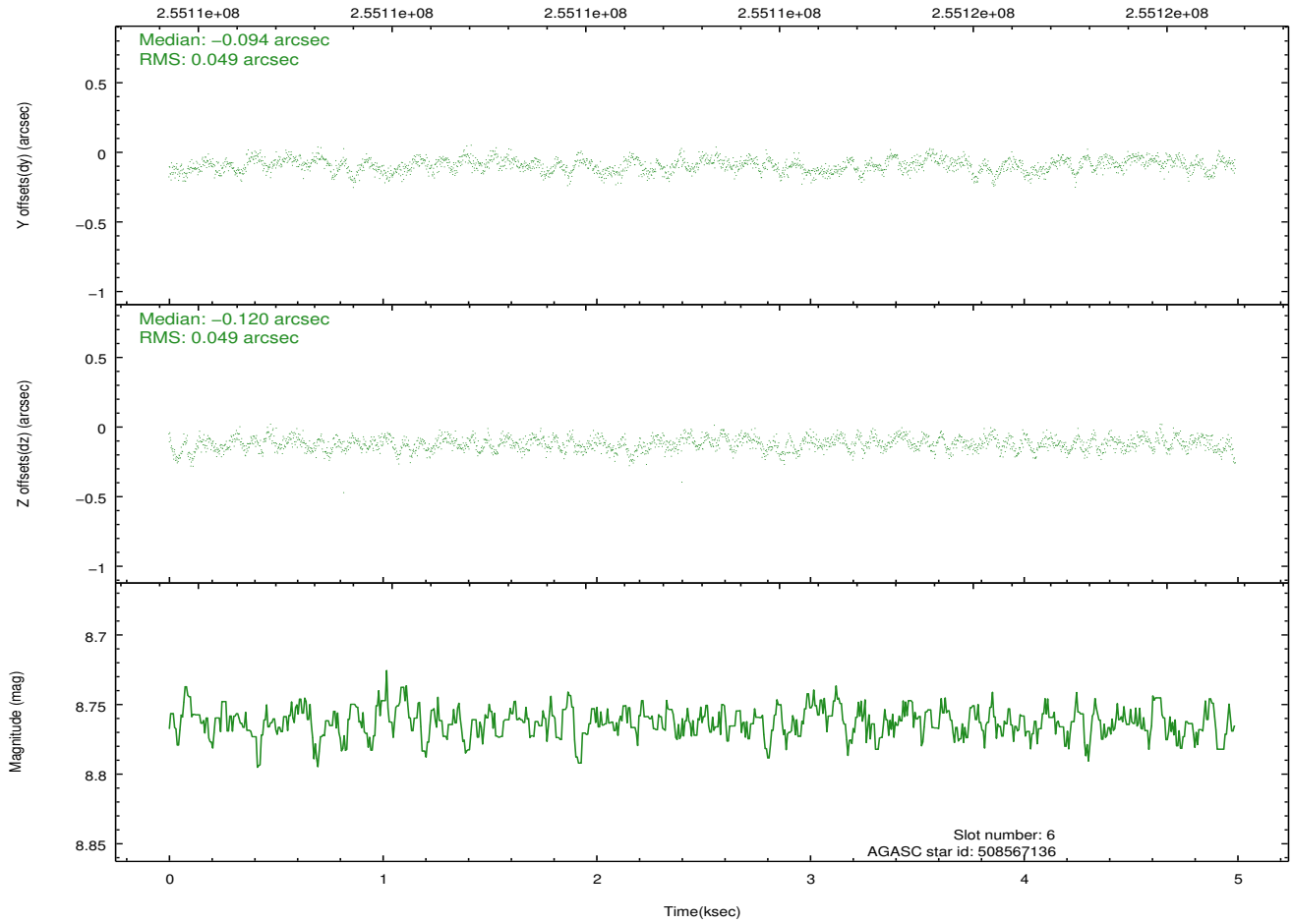
2.4.3 Slot 5



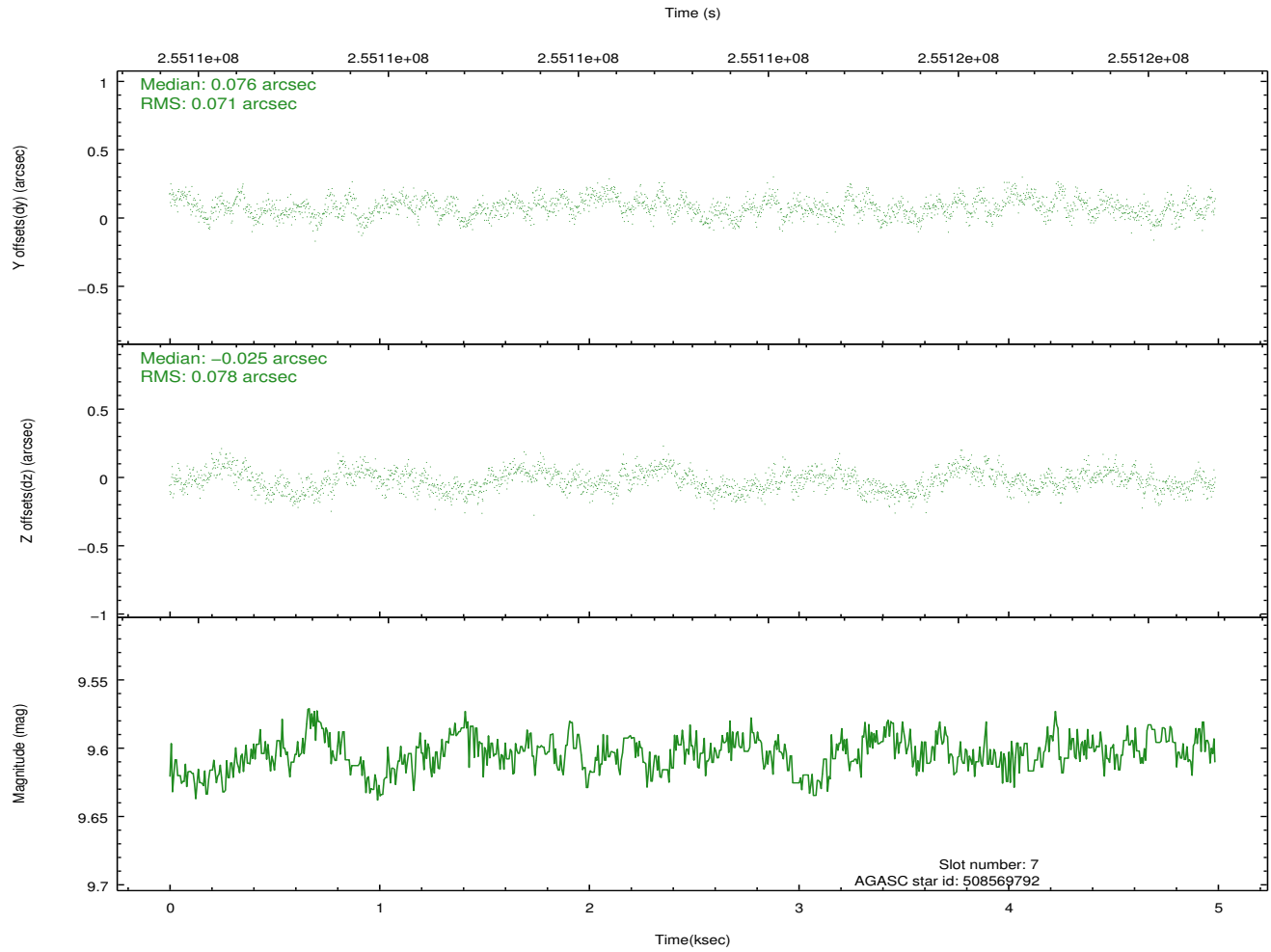
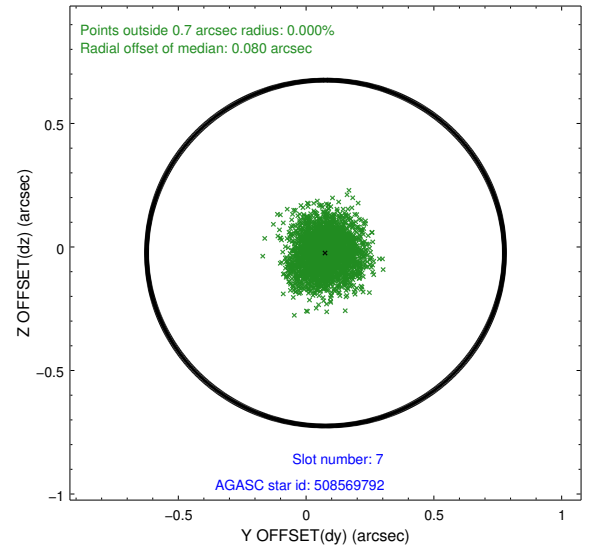
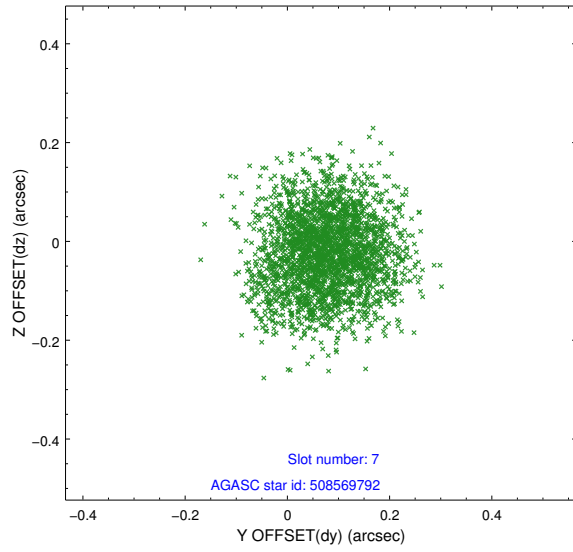
2.4.4 Slot 6



Time (s)

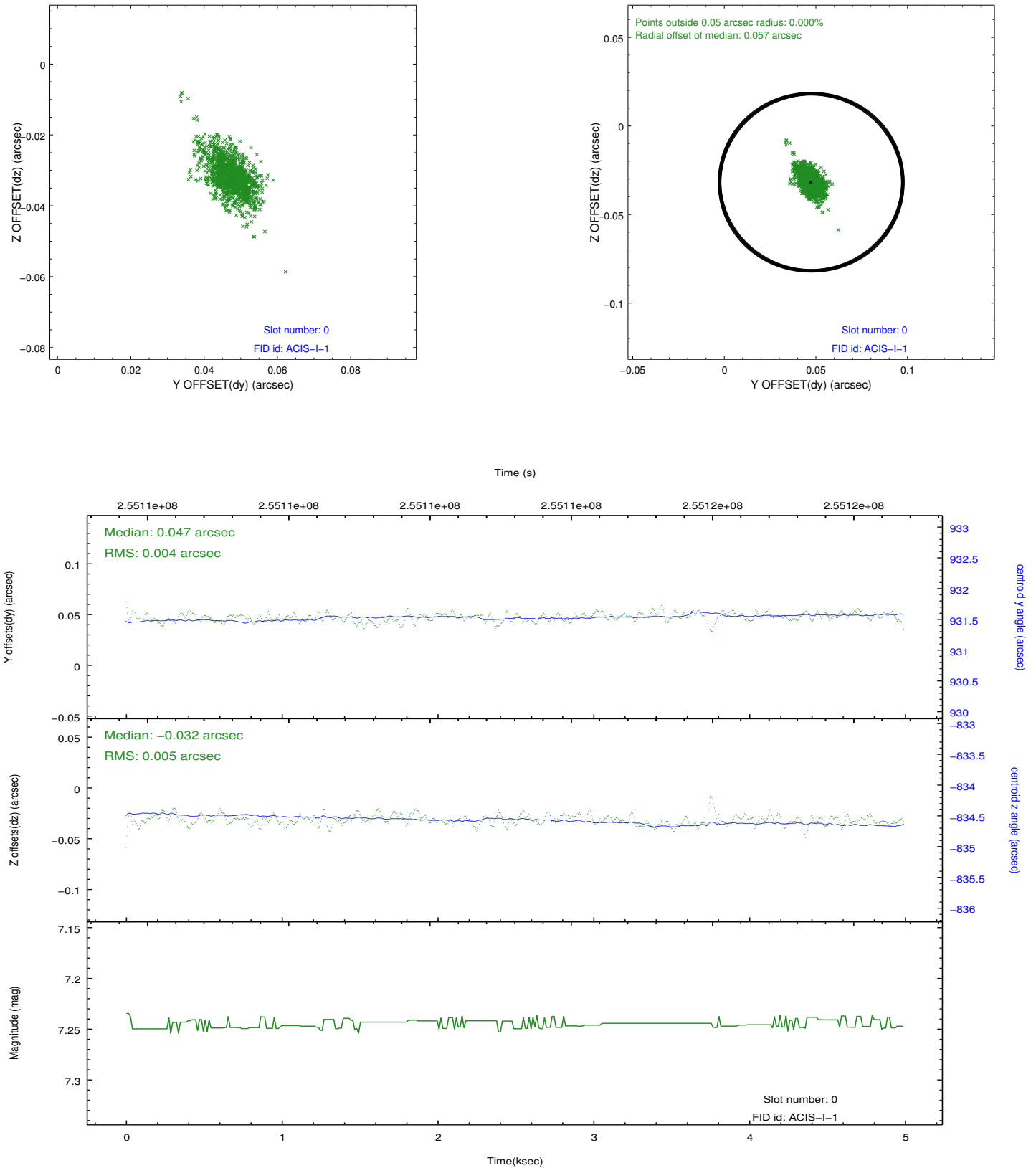


2.4.5 Slot 7

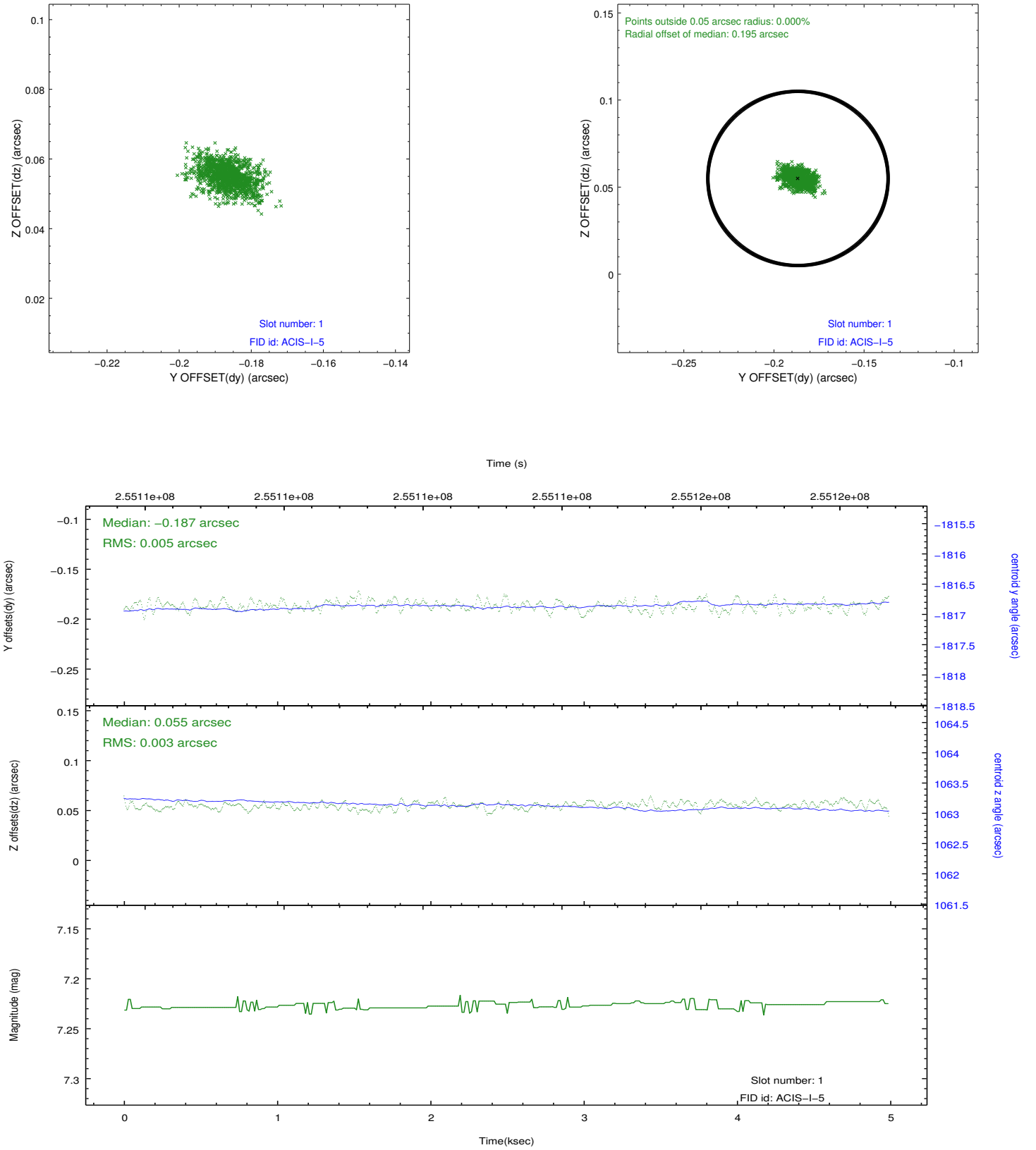


2.5 FID Slots

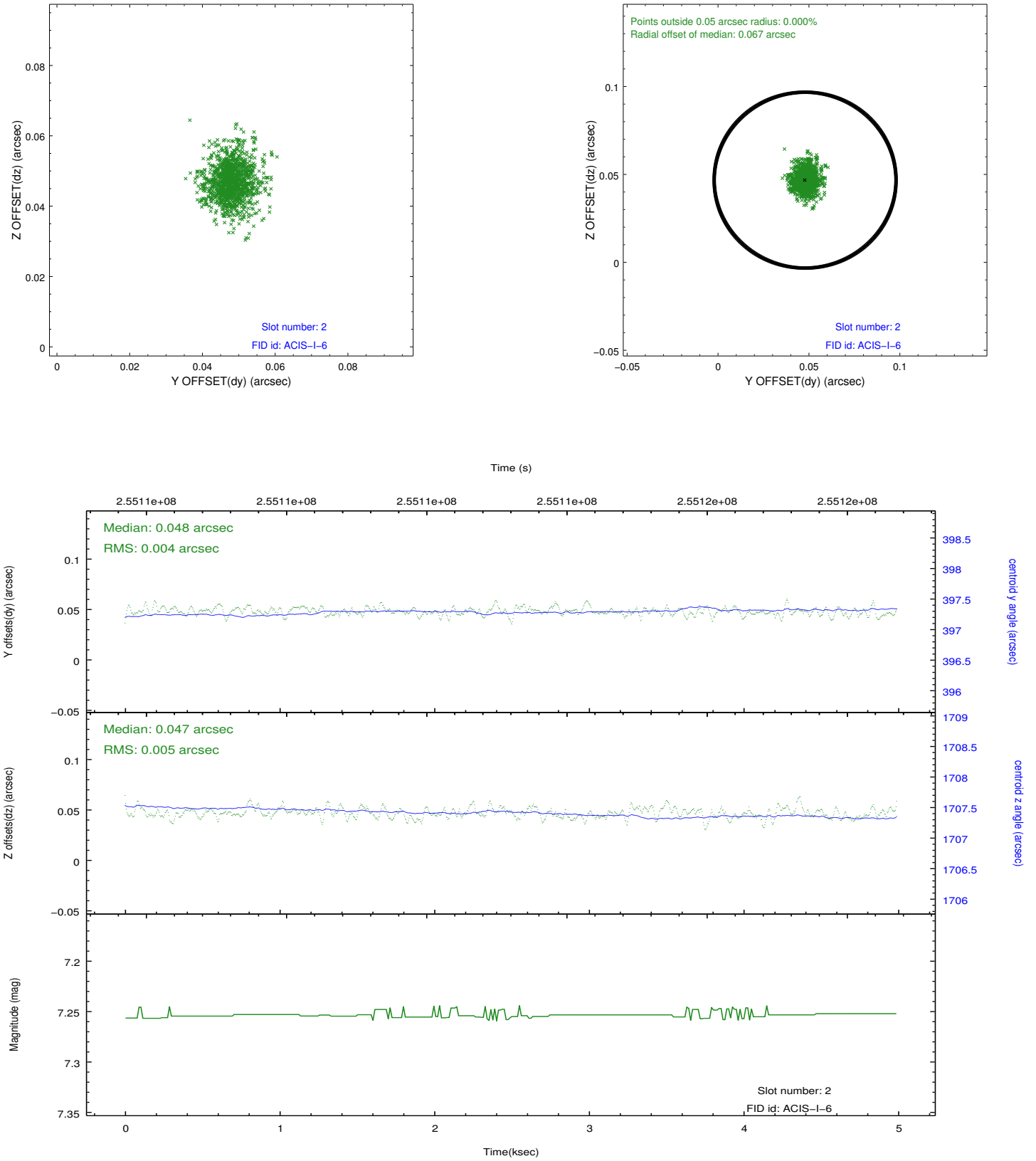
2.5.1 Slot 0



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)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.55355898

A.2 Comments