

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2805 - L2 Version 3
Chandra X-Ray Center

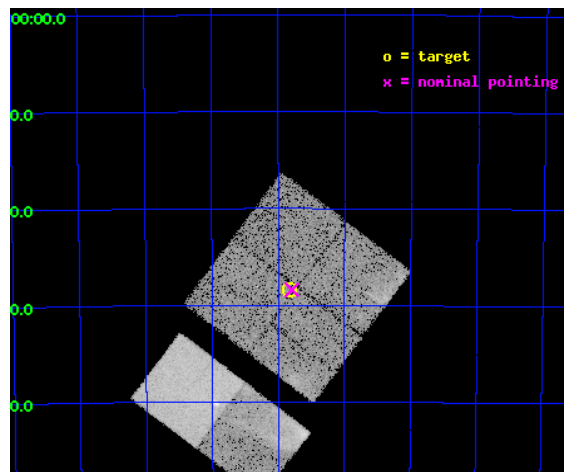
L2 Processing Date : Oct 15 2012

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1 Front

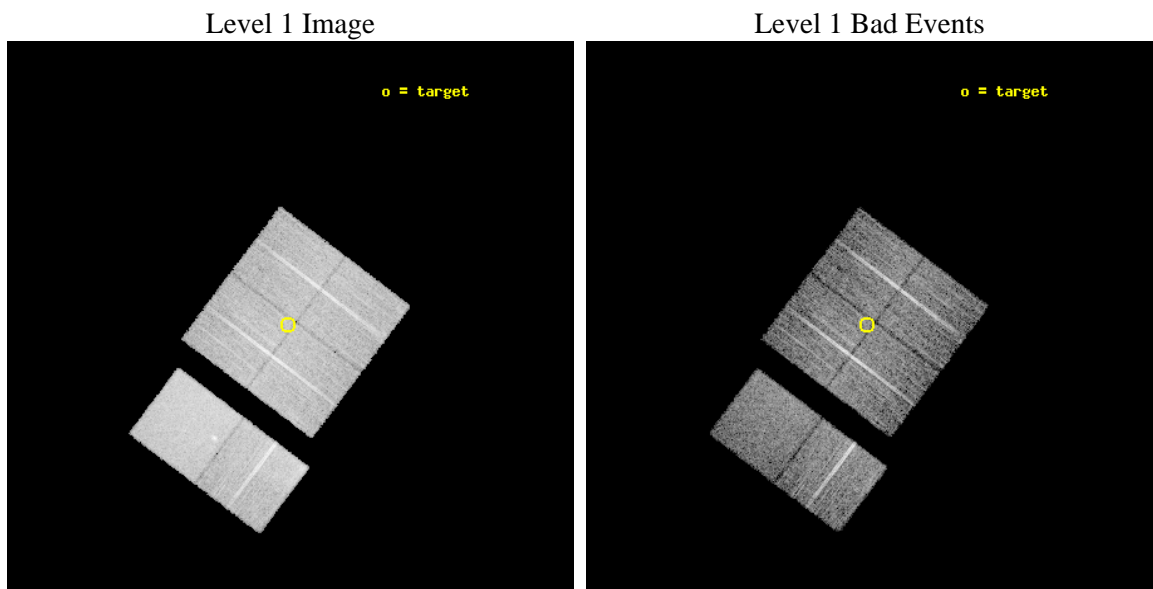
seq_num	500255	Sequence number
obs_id	2805	Observation id
title	A CHANDRA SURVEY FOR COMPACT OBJECTS IN SUPERNOVA REMNANTS	Proposa
observer	Prof. Shrinivas Kulkarni	Principal investigator
object	G315.4-2.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	220.708333	Observer's specified target RA [deg]
dec_targ	-62.472222	Observer's specified target Dec [deg]
ra_nom	220.69852475965	Nominal RA [deg]
dec_nom	-62.473365994689	Nominal Dec [deg]
roll_nom	217.04728757067	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10118.399962306	Sum of GTIs [s]
livetime	9990.2746894143	Livetime [s]
ontime0	10118.399962306	Sum of GTIs [s]
ontime1	10118.399962306	Sum of GTIs [s]
ontime2	10118.399962306	Sum of GTIs [s]
ontime3	10118.399962306	Sum of GTIs [s]
ontime6	10118.399962306	Sum of GTIs [s]
ontime7	10118.399962306	Sum of GTIs [s]
l2events	109515	Number of level 2 events



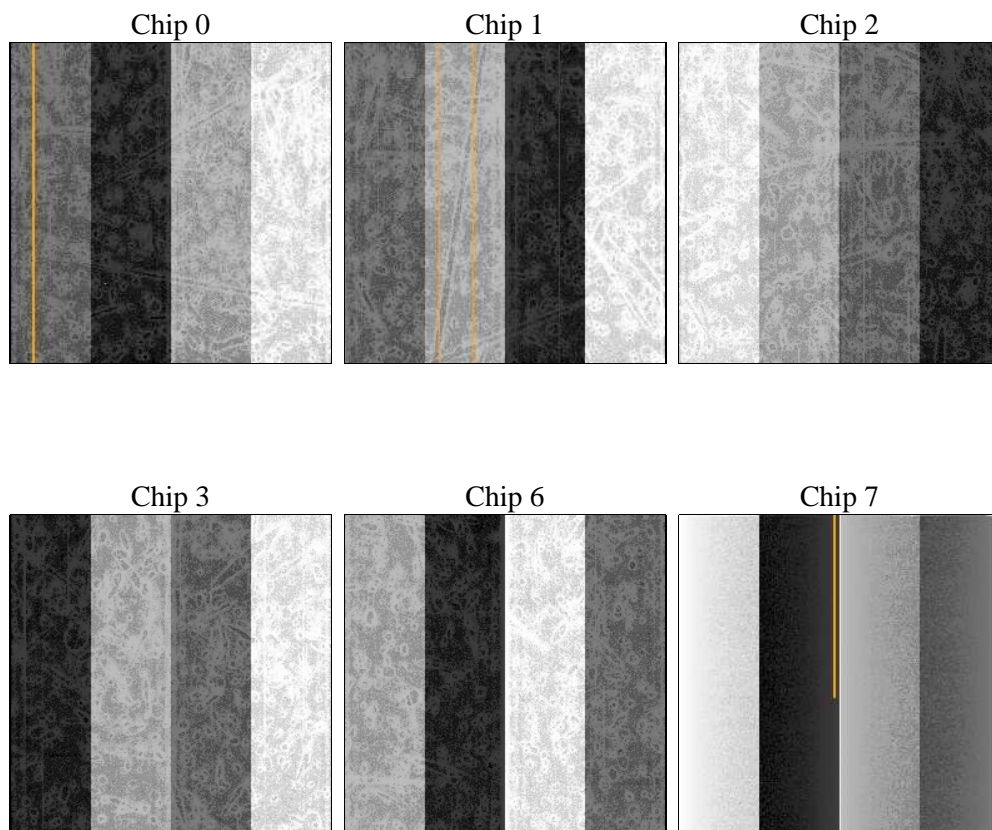
2 OBI

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	10118.399962306	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	10118.399962306	Sum of GTIs [s]
date	2012-10-15T12:49:10	Date and time of file creation	ontime1	10118.399962306	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	10118.399962306	Sum of GTIs [s]
			ontime3	10118.399962306	Sum of GTIs [s]
			ontime6	10118.399962306	Sum of GTIs [s]
			ontime7	10118.399962306	Sum of GTIs [s]
			l1events	524485	Number of level 1 events

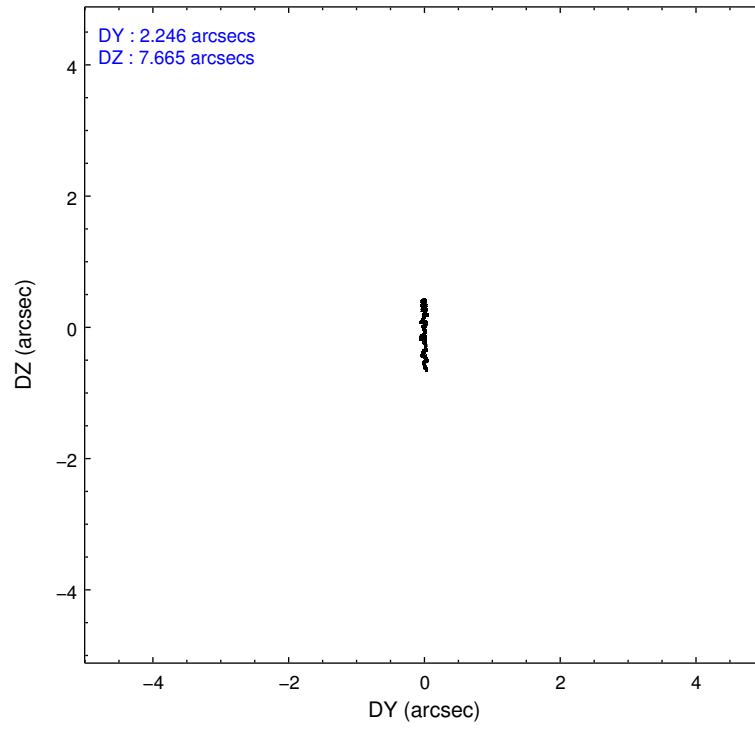
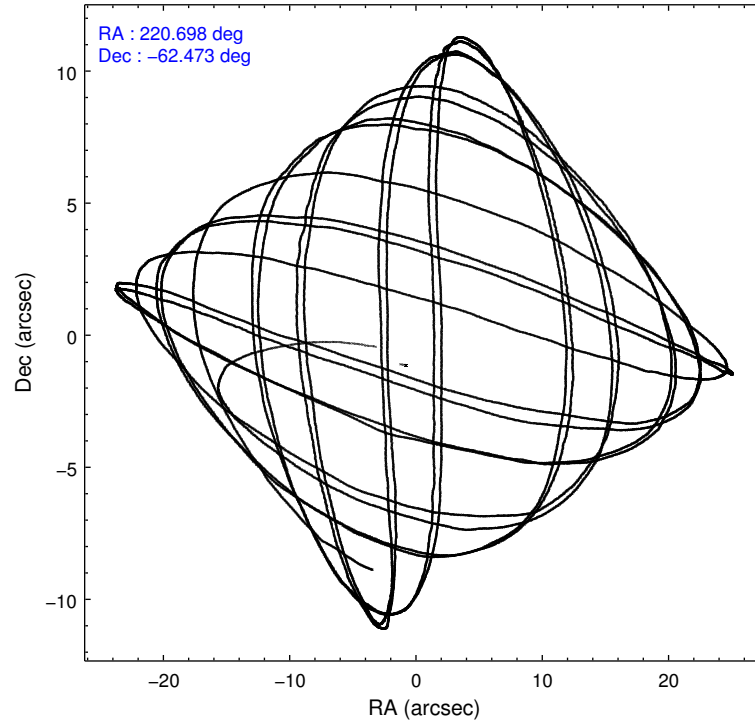
2.1.4 Events

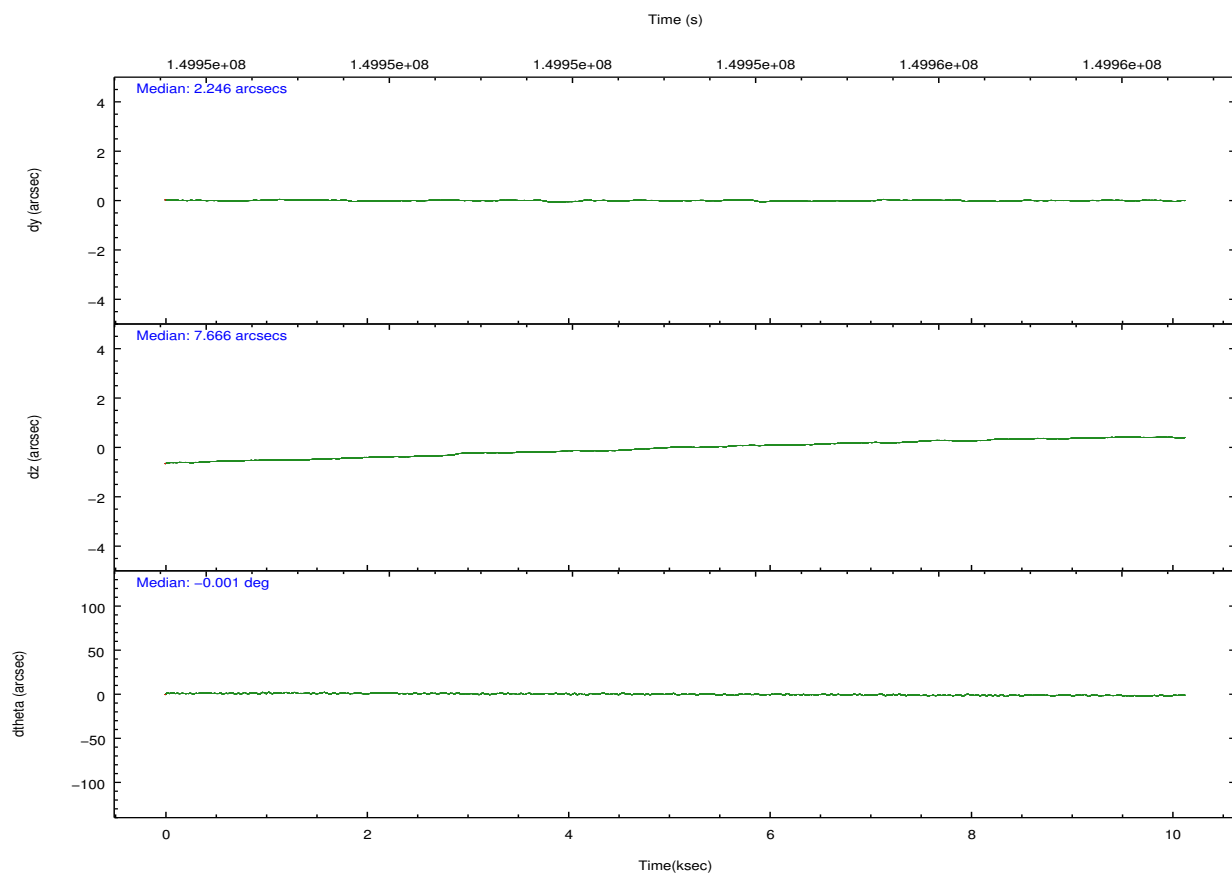
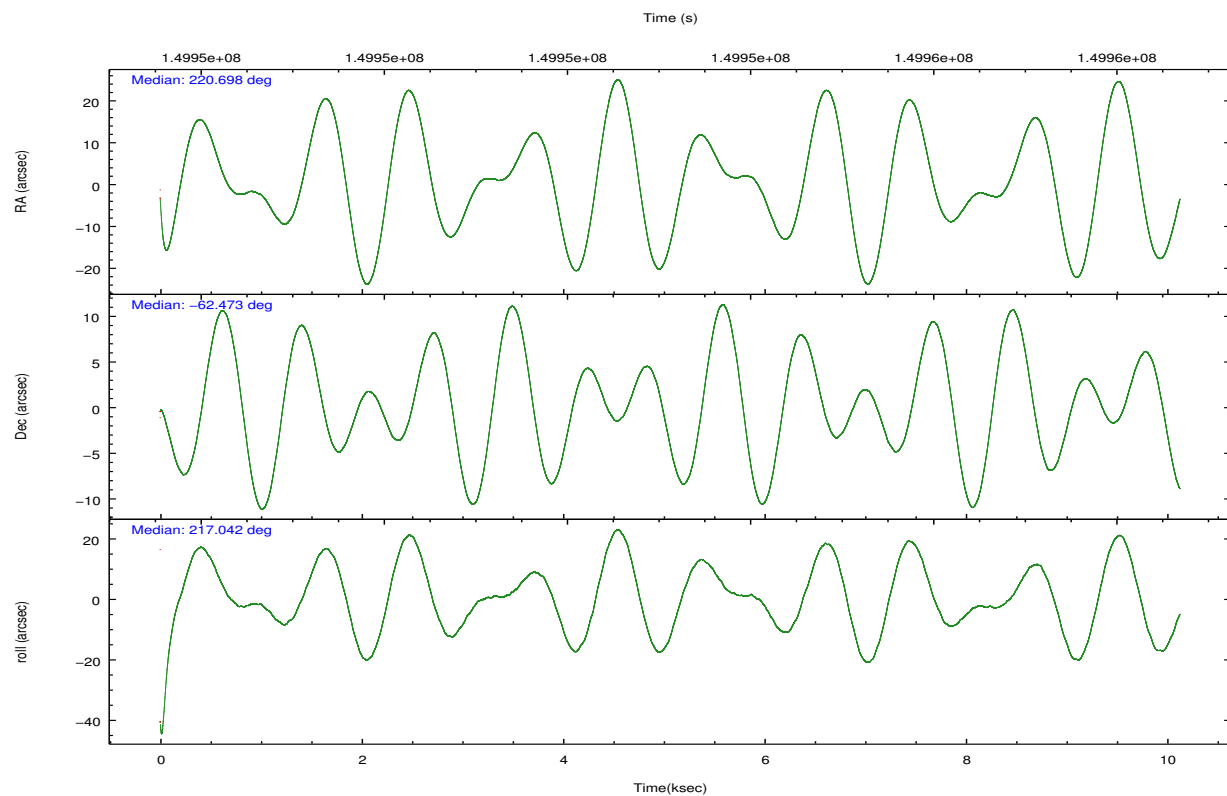
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	76814	74546	83749	78980	93437	116959	grade 0 events	9388	6073	9086	7081	14633	7921
rejected events	63151	63968	70621	68218	73346	67341		12%	8%	10%	8%	15%	6%
rejected %	82%	85%	84%	86%	78%	57%	grade 1 events	59	58	53	58	83	104
								0%	0%	0%	0%	0%	0%
							grade 2 events	2343	2222	2336	1962	2981	11868
								3%	2%	2%	2%	3%	10%
							grade 3 events	1053	1055	1030	982	1184	5448
								1%	1%	1%	1%	1%	4%
							grade 4 events	1003	1033	949	938	1134	5227
								1%	1%	1%	1%	1%	4%
							grade 5 events	2970	3112	2931	3282	3550	9673
								3%	4%	3%	4%	3%	8%
							grade 6 events	1629	1886	1576	1574	2001	26557
								2%	2%	1%	1%	2%	22%
							grade 7 events	58369	59107	65788	63103	67871	50161
								75%	79%	78%	79%	72%	42%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	220.721468	220.6985247596506	Subarray requested	NONE	NONE
[deg] Pointing Dec	-62.448083	-62.47336599468935	Alternating exposures requested	N	N
[deg] Pointing Roll	216.858997	217.0472875706749	[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)	149948183.184000	149946137.20433			
Observation start date	2002-10-02T12:15:19	2002-10-02T11:42:17			
[s] Observation end time (MET)	149958183.184000	149958814.40485			
Observation end date	2002-10-02T15:01:59	2002-10-02T15:13:34			
Read mode	TIMED	TIMED			

2.3 Aspect



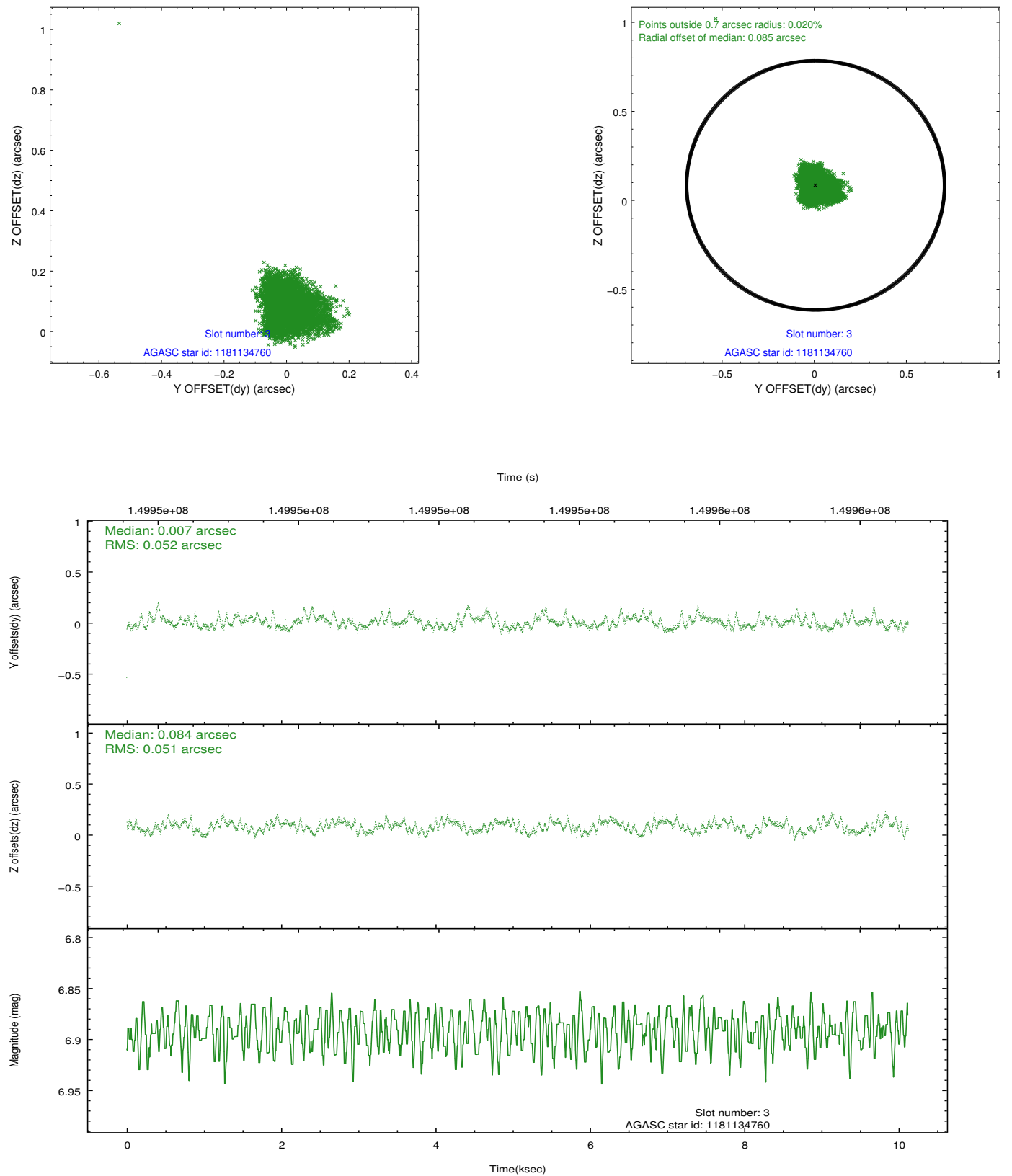


Slot Statistics

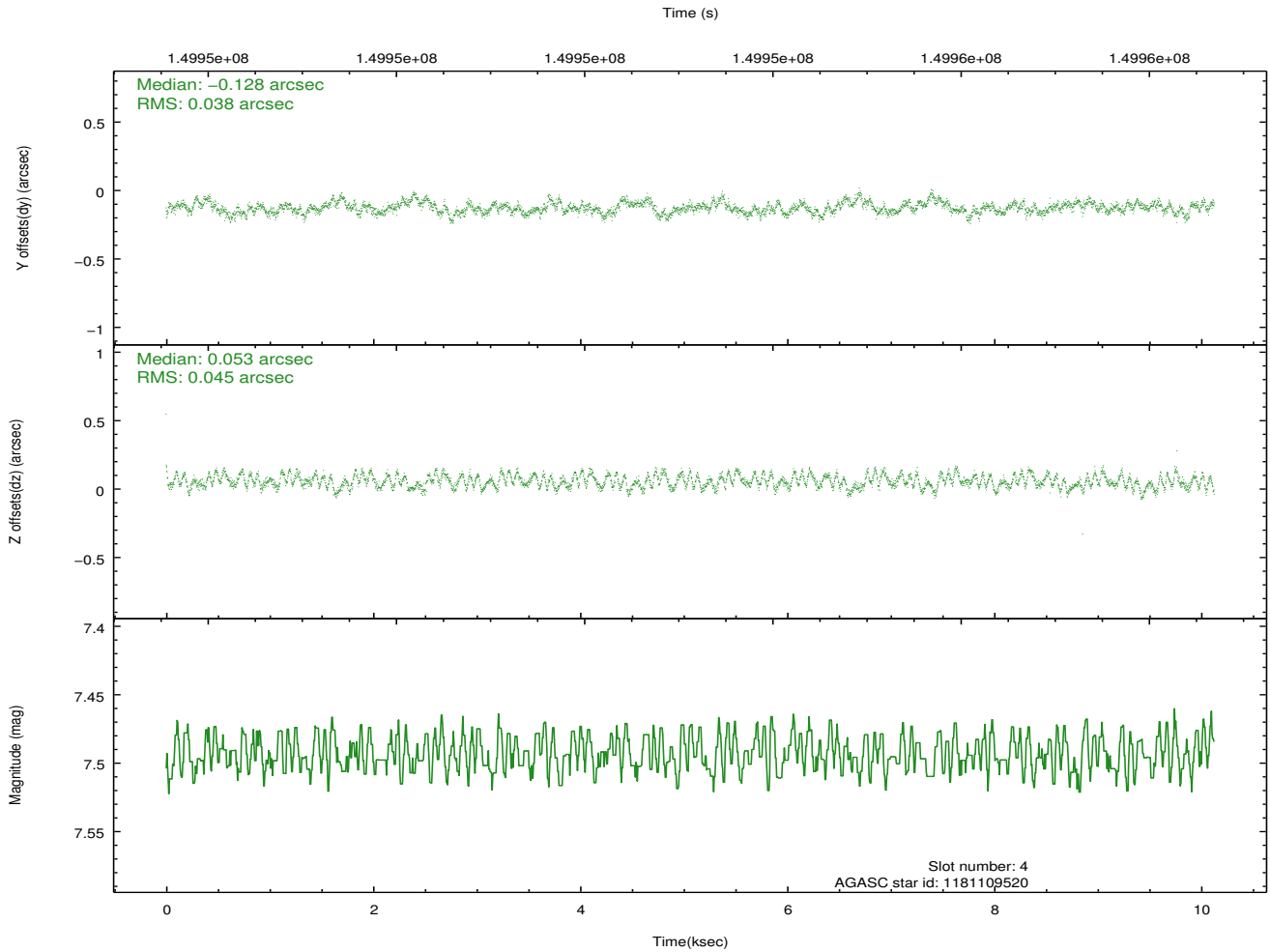
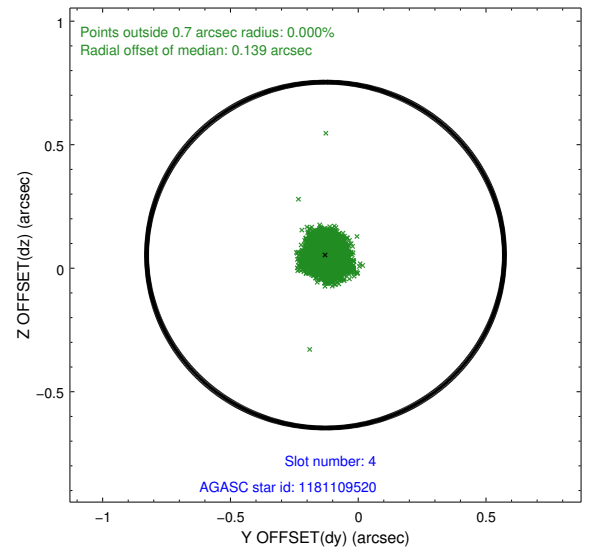
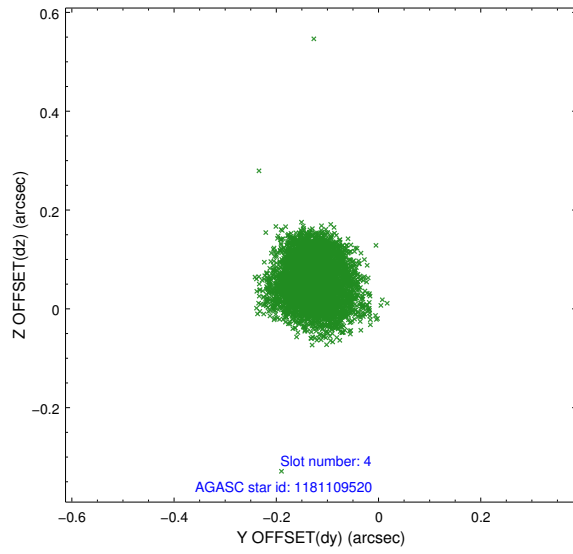
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	2471	-0.009	0.041	0.018	0.027	0.000000	0.000000	937.54	-831.00
1	FID	ACIS-I-5	7.24	2471	-0.052	0.046	0.009	0.014	0.000000	0.000000	-1810.28	1066.28
2	FID	ACIS-I-6	7.26	2471	-0.030	-0.016	0.012	0.020	0.000000	0.000000	402.55	1711.28
3	GUIDE	1181134760	6.89	4941	0.007	0.084	0.076	0.120	220.867249	-62.966666	928.06	1637.41
4	GUIDE	1181109520	7.49	4941	-0.128	0.053	0.064	0.097	221.139366	-61.928294	-1688.30	-1070.34
5	GUIDE	1181109144	8.36	4937	-0.055	-0.008	0.056	0.089	221.655127	-62.786083	-494.84	1904.41
6	GUIDE	1181131768	8.93	4940	0.258	-0.134	0.118	0.203	218.839667	-62.377760	2387.85	-2049.21
7	GUIDE	1180581152	9.65	4938	-0.068	0.002	0.100	0.173	221.180675	-61.731640	-2172.38	-1592.26

2.4 Star Slots

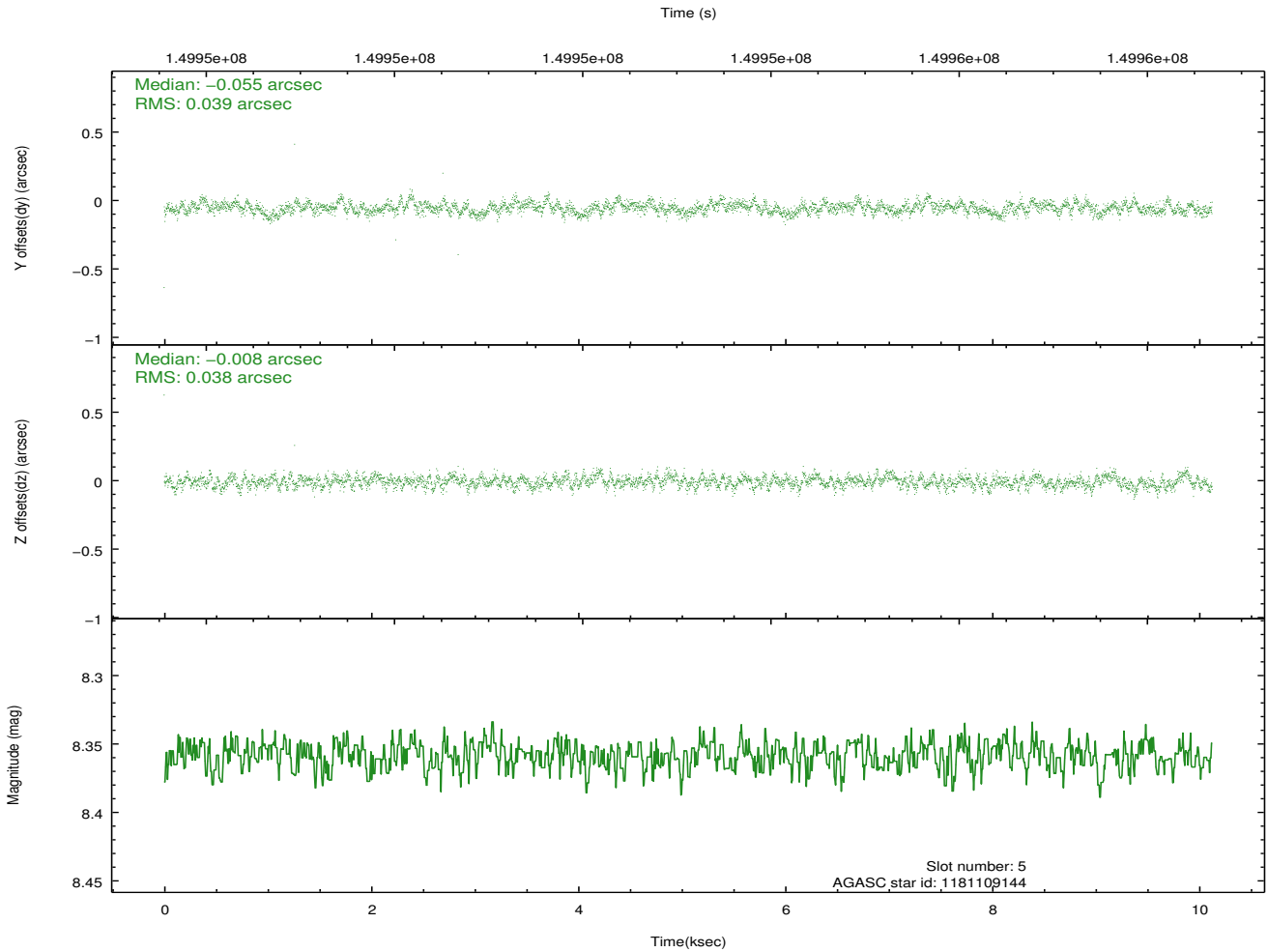
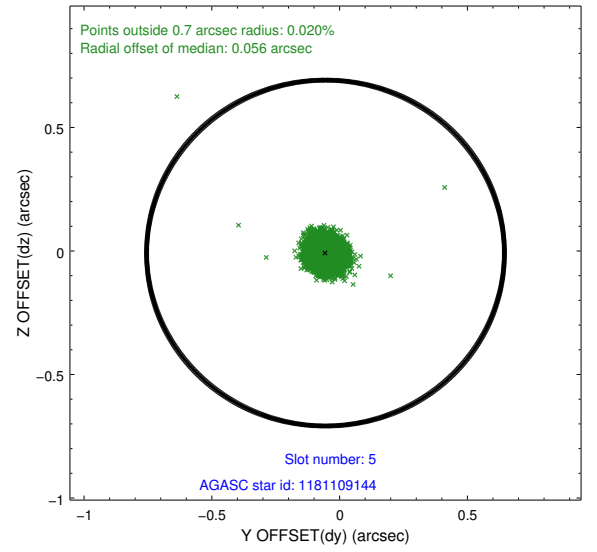
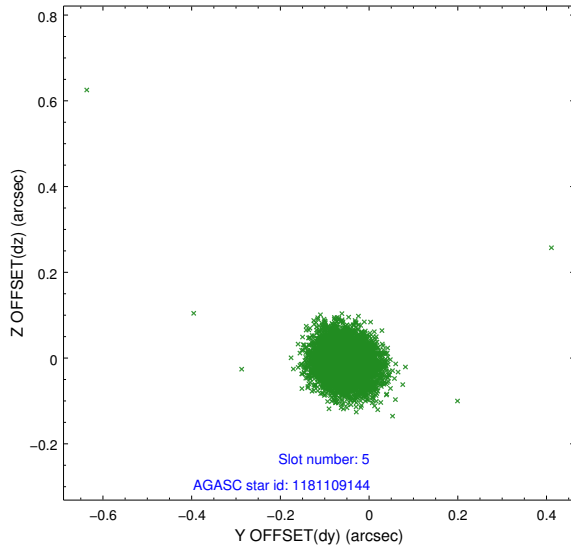
2.4.1 Slot 3



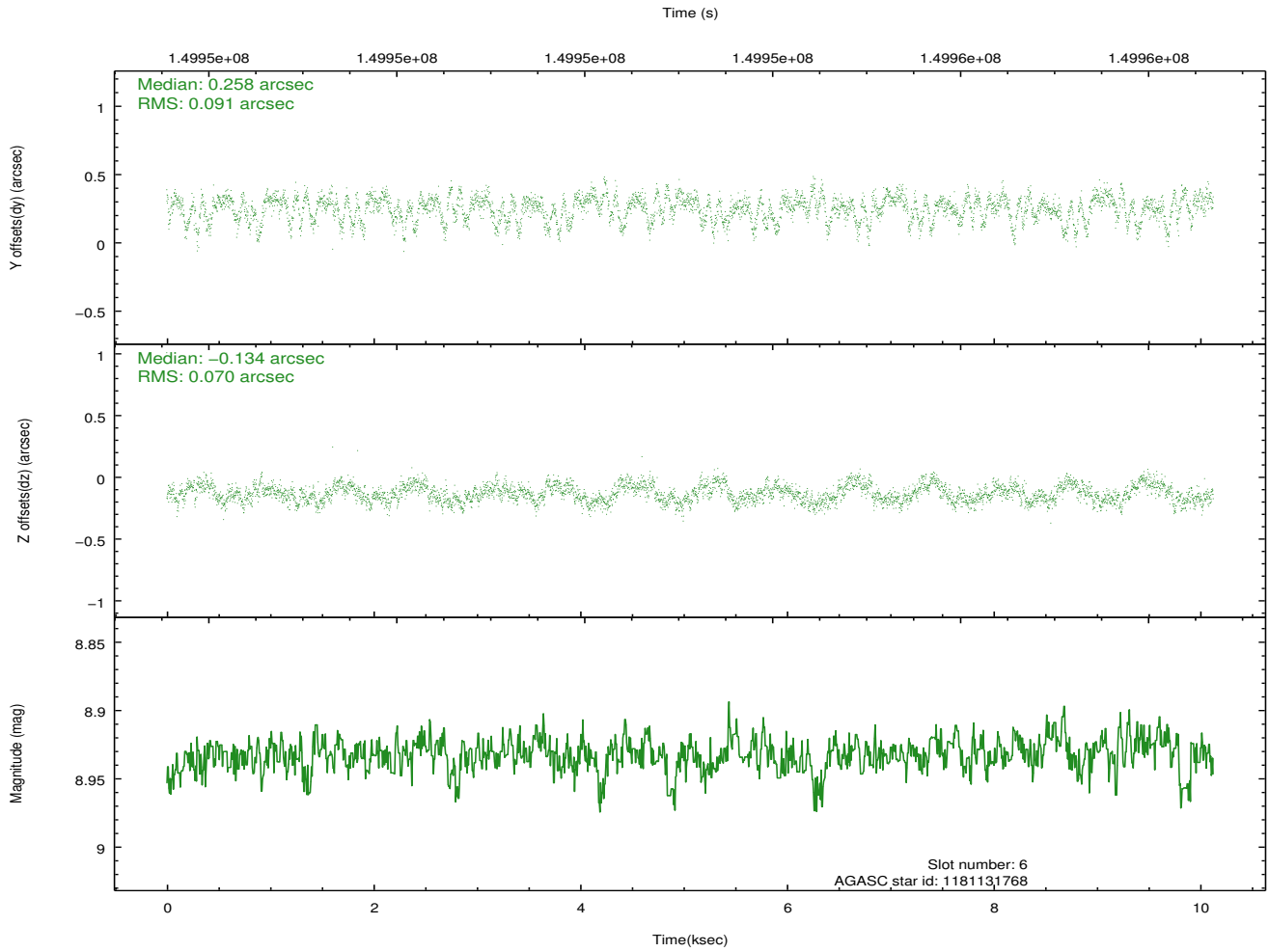
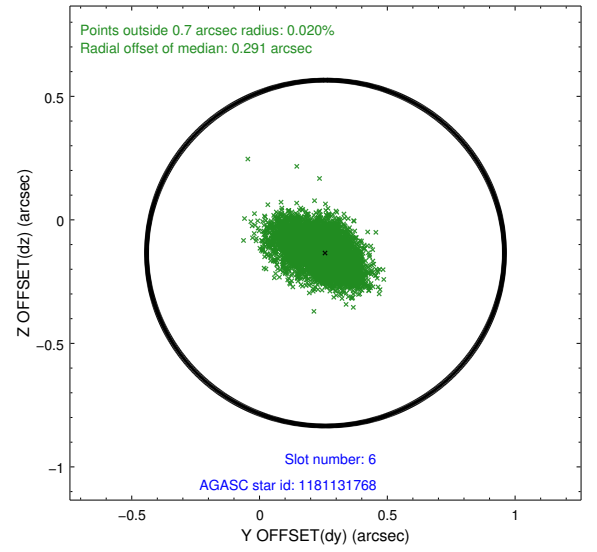
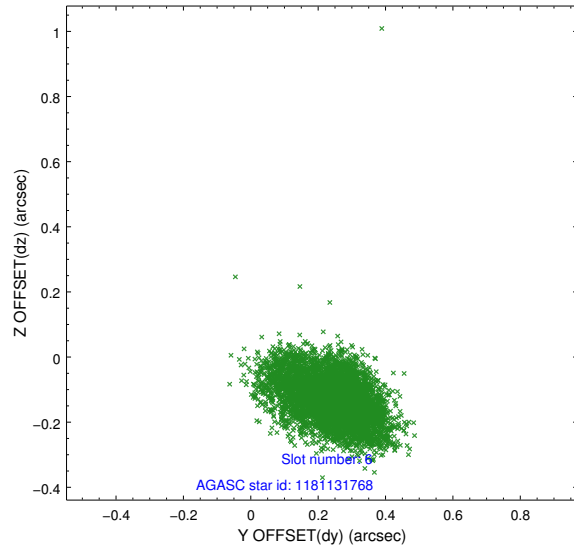
2.4.2 Slot 4



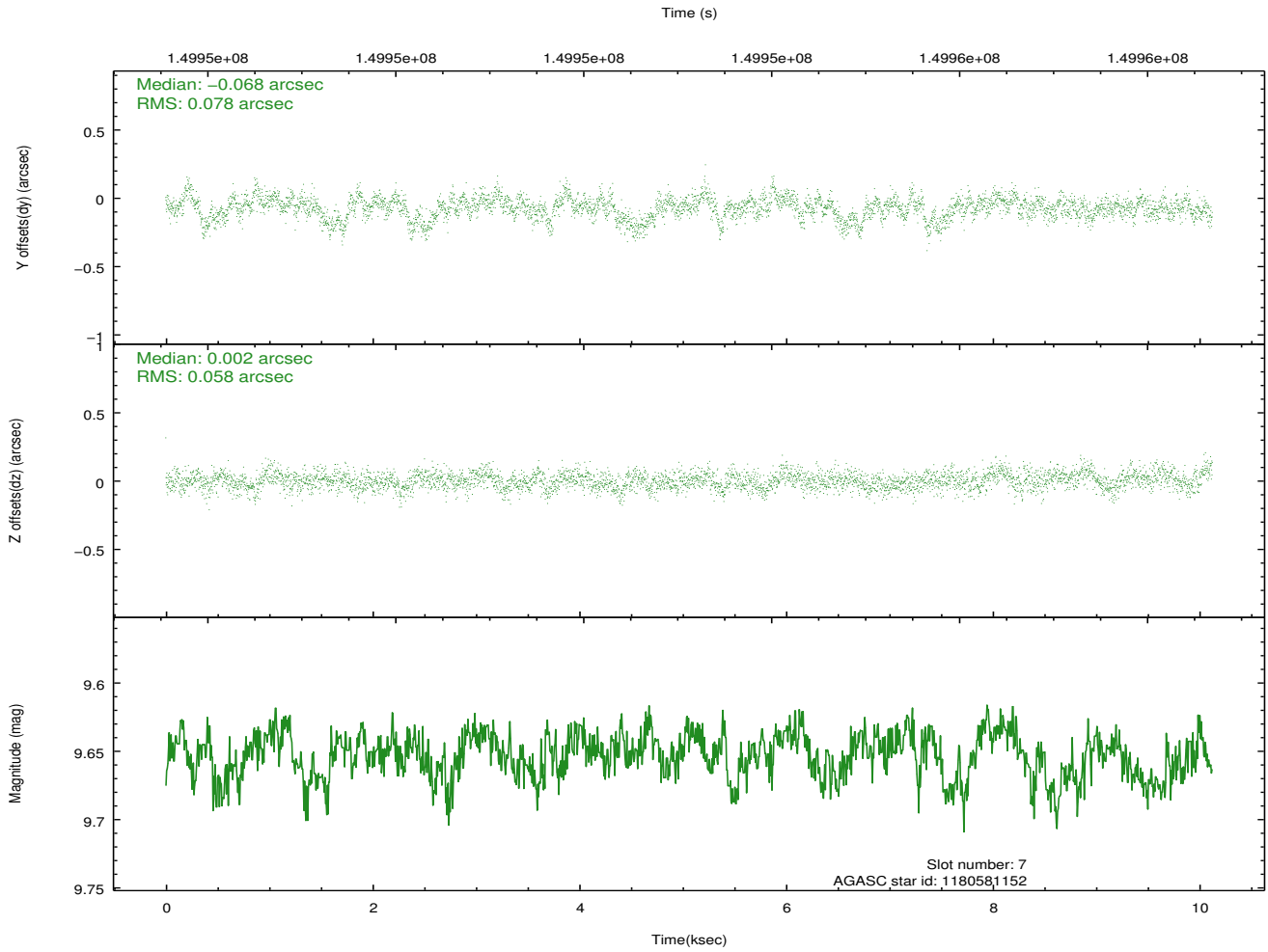
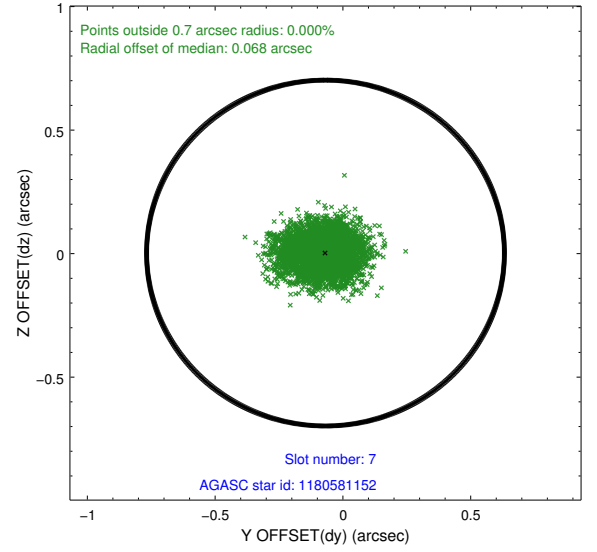
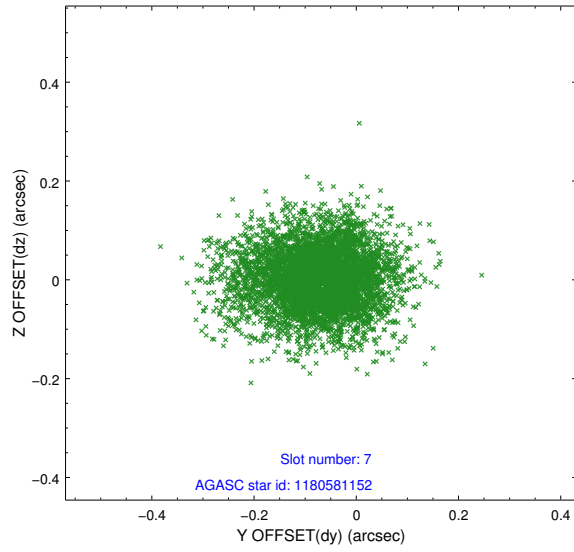
2.4.3 Slot 5



2.4.4 Slot 6

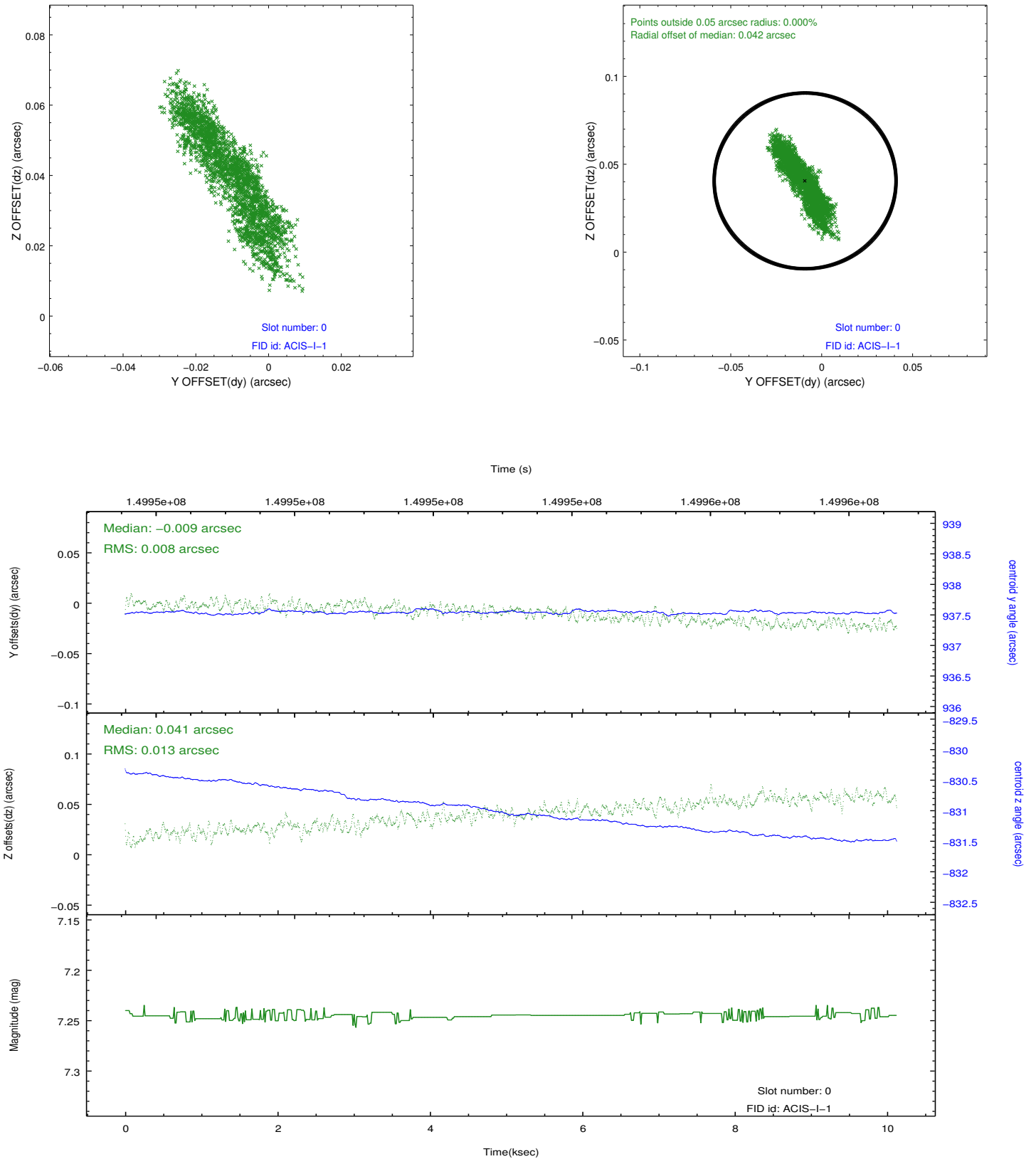


2.4.5 Slot 7

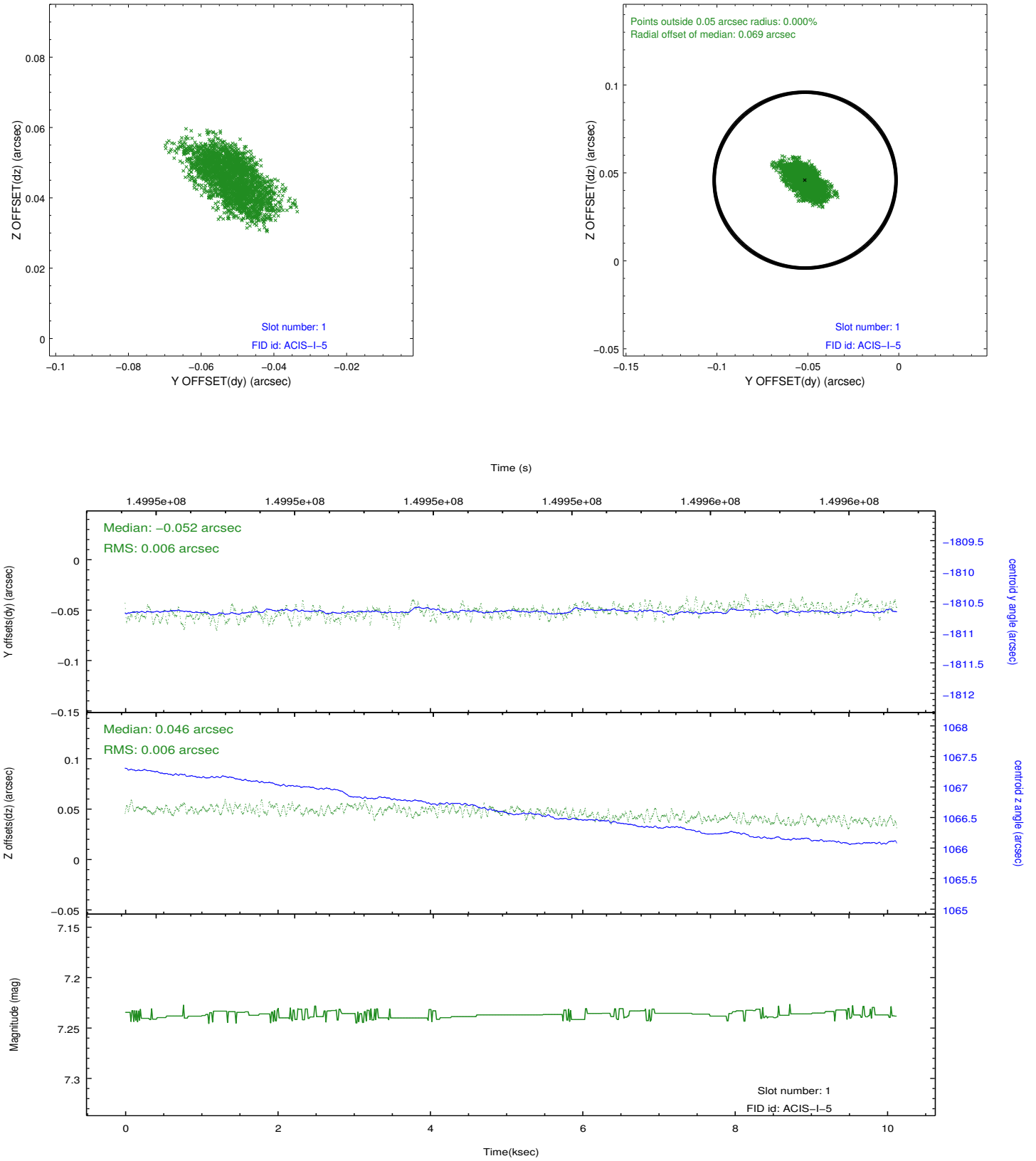


2.5 FID Slots

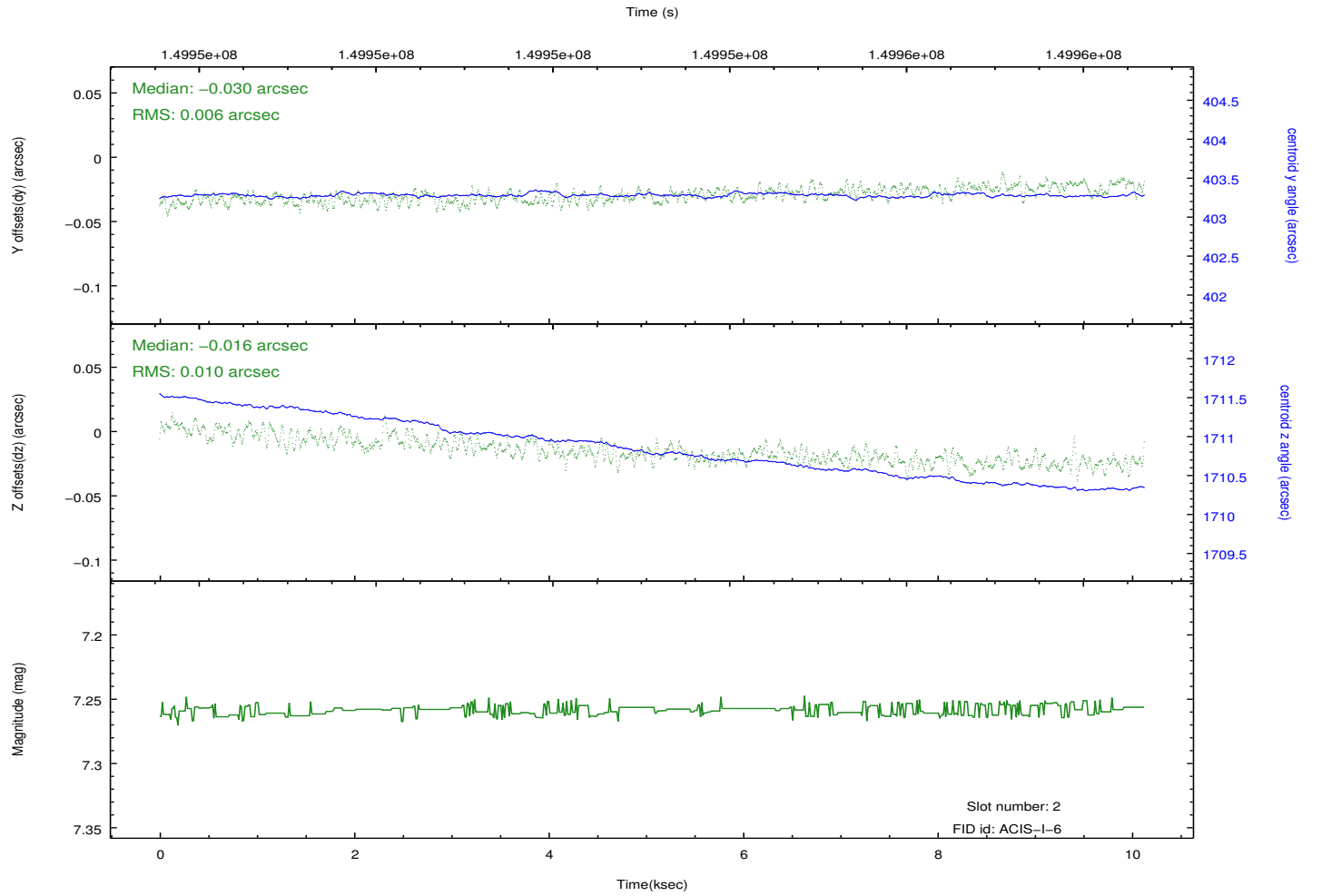
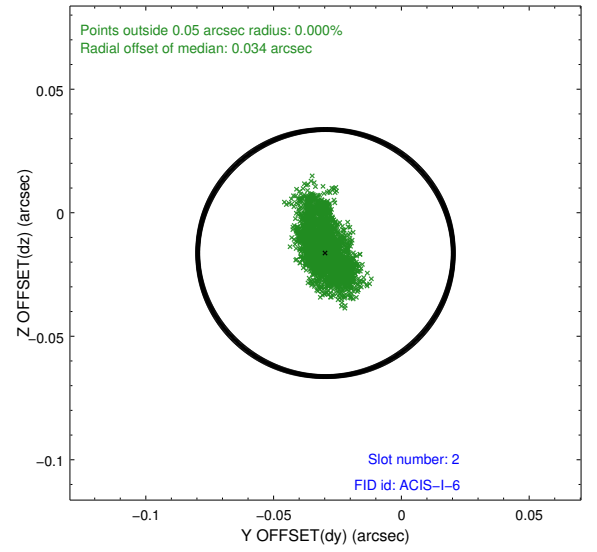
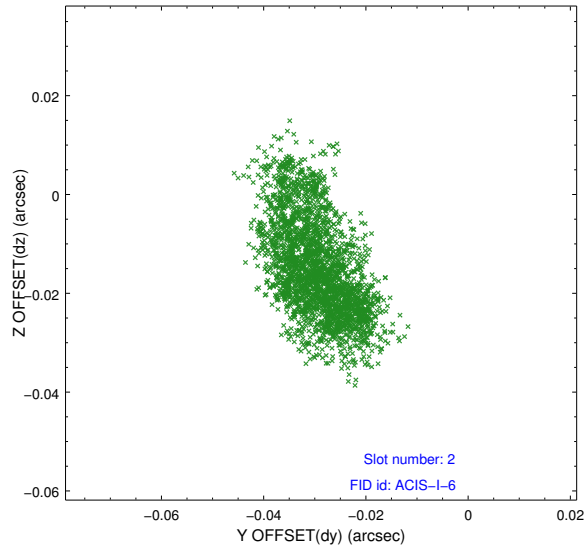
2.5.1 Slot 0



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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.118

A.2 Comments