

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3297 - L2 Version 3
Chandra X-Ray Center

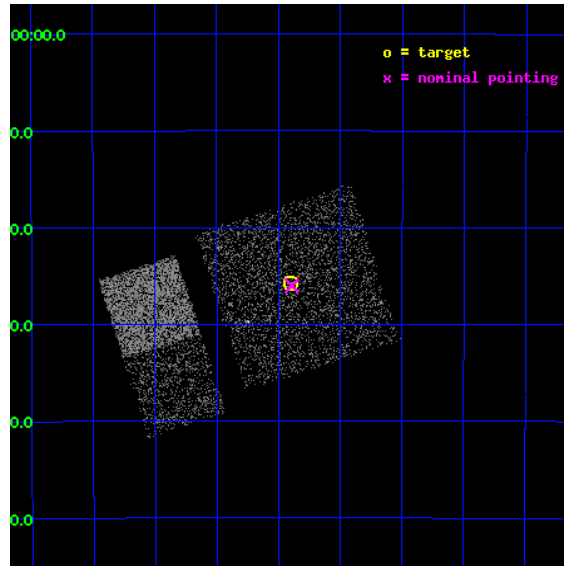
L2 Processing Date : Oct 11 2012

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1 Front

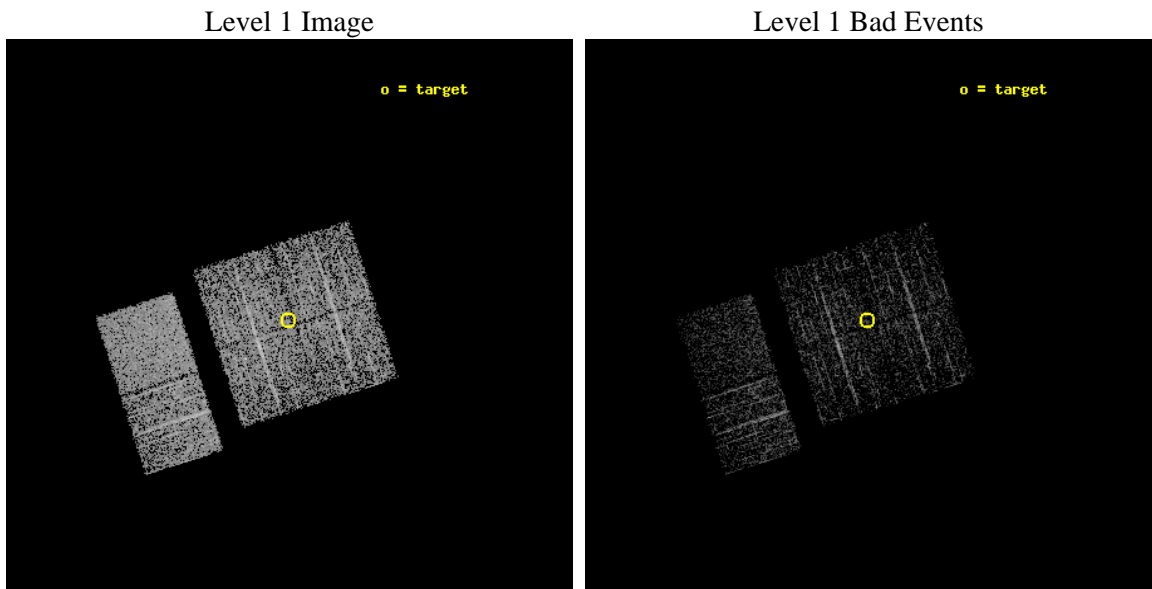
seq_num	900136	Sequence number
obs_id	3297	Observation id
title	A CHEAP COMPLETE WIDE BRIGHT SURVEY	Proposal title
observer	DR. FABIO LA FRANCA	Principal investigator
object	H134824	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.10125	Observer's specified target RA [deg]
dec_targ	-30.429722	Observer's specified target Dec [deg]
ra_nom	207.0979917314	Nominal RA [deg]
dec_nom	-30.433669211695	Nominal Dec [deg]
roll_nom	252.3575978268	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1462.3999945521	Sum of GTIs [s]
livetime	1443.8822052696	Livetime [s]
ontime0	1462.3999945521	Sum of GTIs [s]
ontime1	1462.3999945521	Sum of GTIs [s]
ontime2	1462.3999945521	Sum of GTIs [s]
ontime3	1462.3999945521	Sum of GTIs [s]
ontime6	1462.3999945521	Sum of GTIs [s]
ontime7	1462.3999945521	Sum of GTIs [s]
l2events	10841	Number of level 2 events



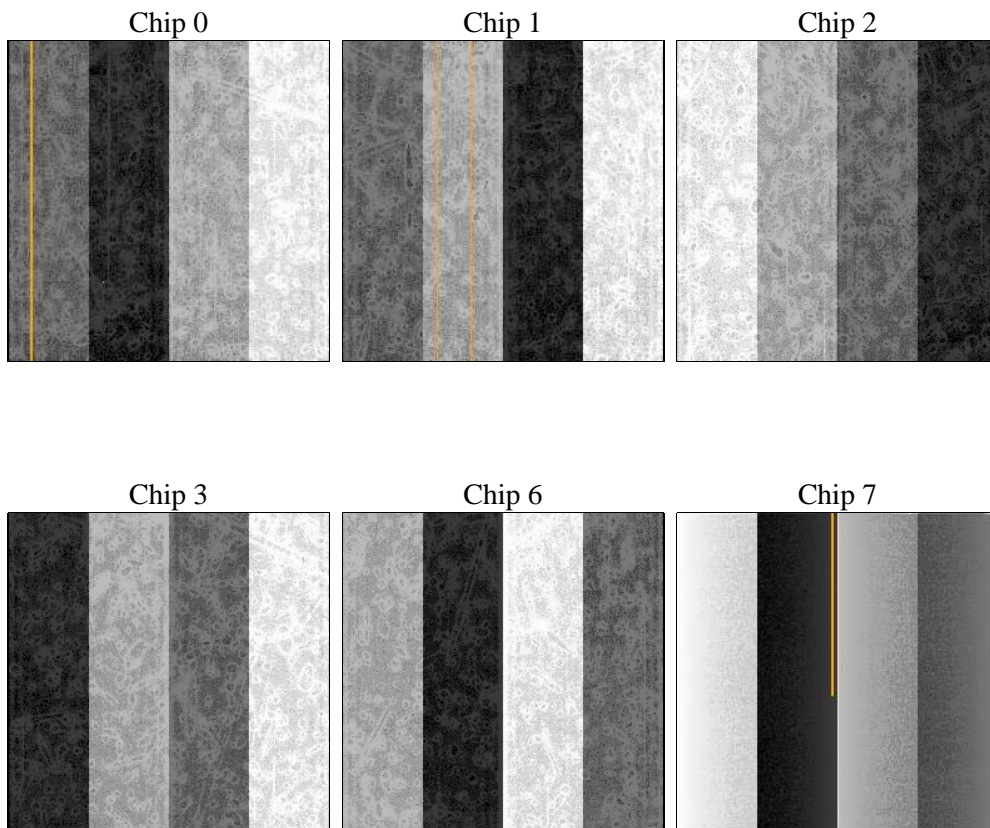
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1462.3999945521	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	1462.3999945521	Sum of GTIs [s]
date	2012-10-11T14:06:06	Date and time of file creation	ontime1	1462.3999945521	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	1462.3999945521	Sum of GTIs [s]
			ontime3	1462.3999945521	Sum of GTIs [s]
			ontime6	1462.3999945521	Sum of GTIs [s]
			ontime7	1462.3999945521	Sum of GTIs [s]
			l1events	60711	Number of level 1 events

2.1.4 Events

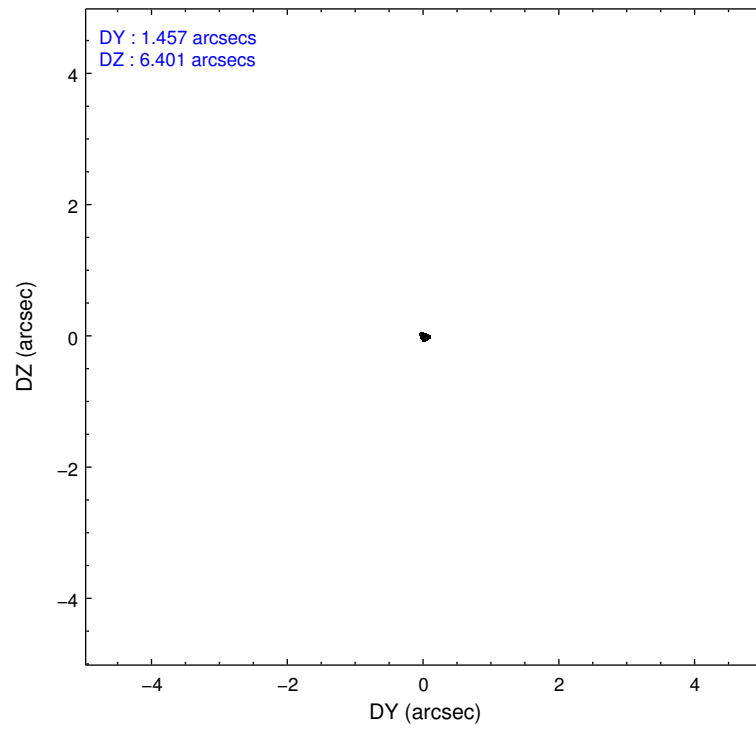
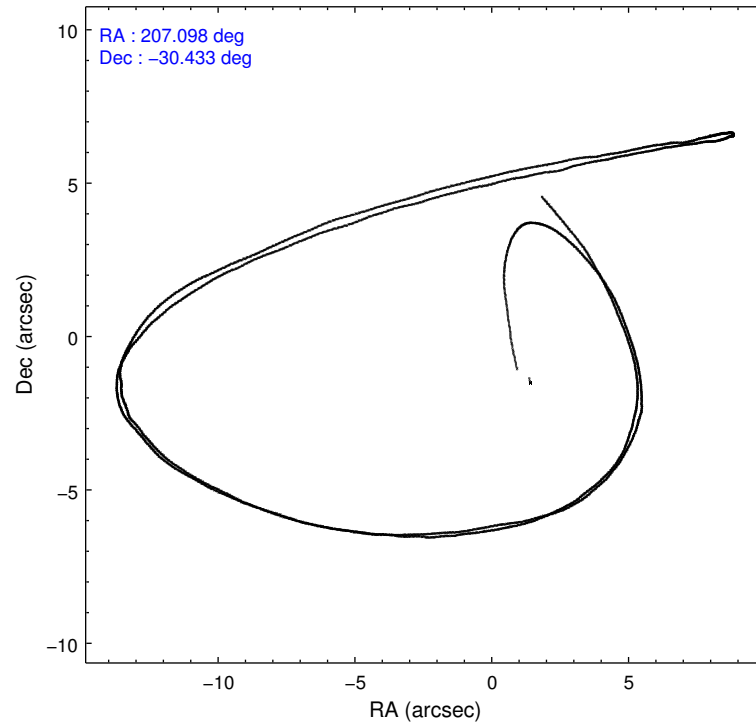
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	8776	8804	9518	9655	11159	12799
rejected events	7595	7545	8137	8358	9938	7325
rejected %	86%	85%	85%	86%	89%	57%

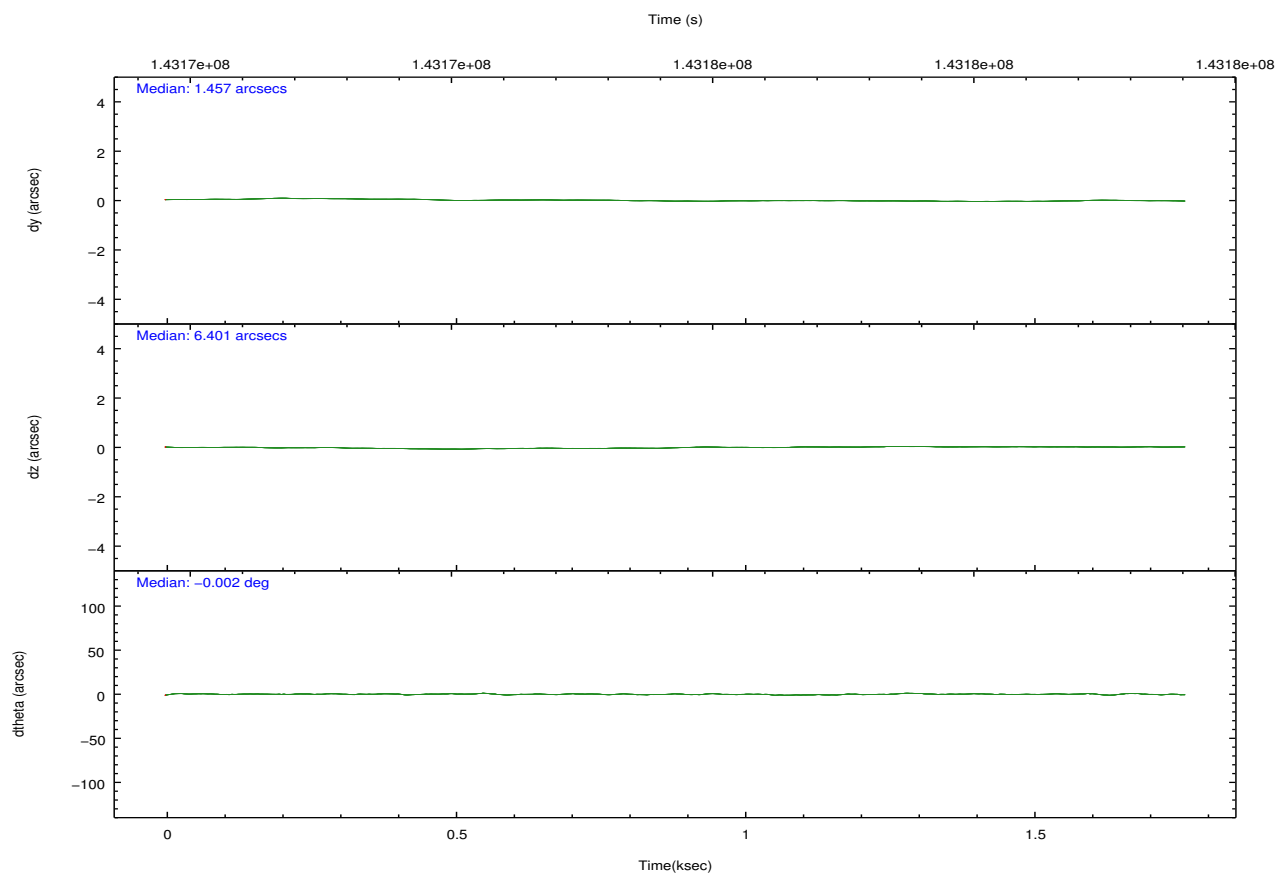
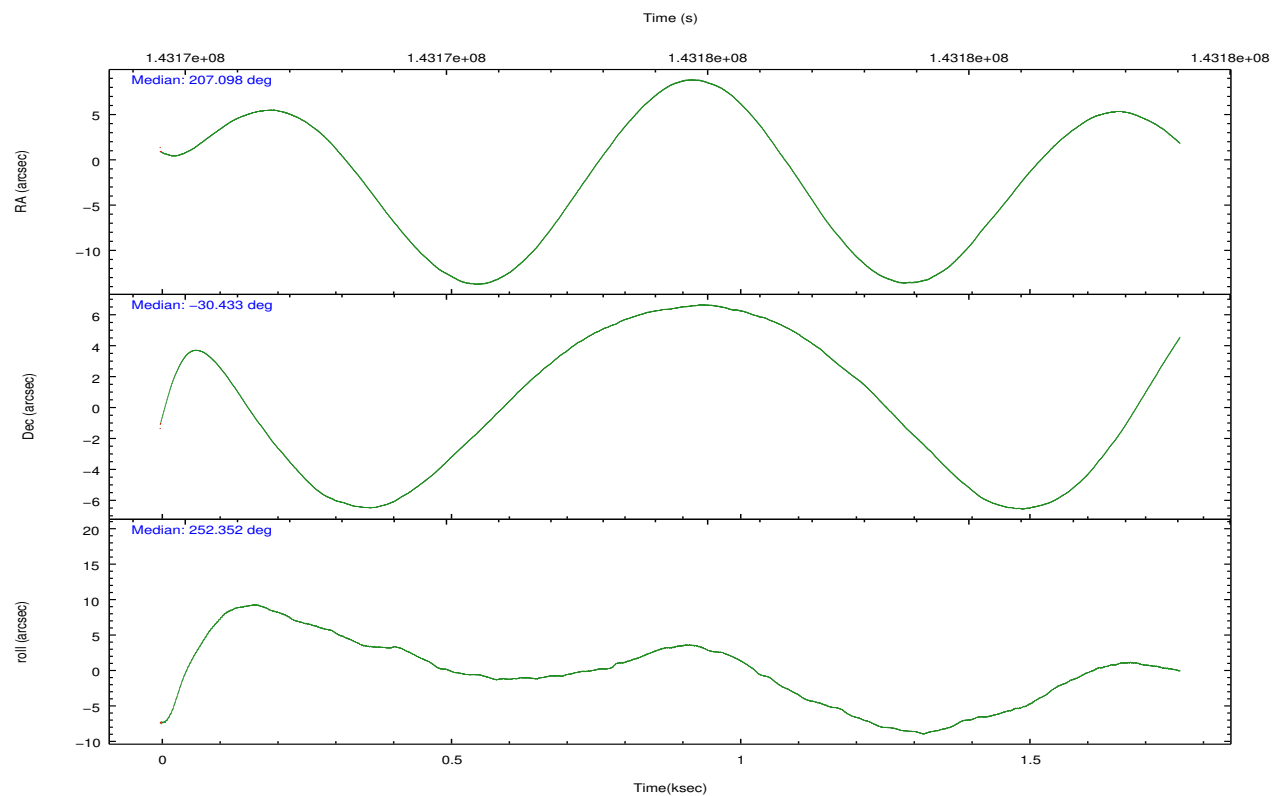
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	528	556	711	603	521	515
	6%	6%	7%	6%	4%	4%
grade 1 events	7	1	5	8	9	8
	0%	0%	0%	0%	0%	0%
grade 2 events	240	227	260	254	251	1101
	2%	2%	2%	2%	2%	8%
grade 3 events	111	112	128	109	126	461
	1%	1%	1%	1%	1%	3%
grade 4 events	110	139	105	122	92	529
	1%	1%	1%	1%	0%	4%
grade 5 events	358	391	352	406	444	1191
	4%	4%	3%	4%	3%	9%
grade 6 events	195	227	177	215	234	2881
	2%	2%	1%	2%	2%	22%
grade 7 events	7227	7151	7780	7938	9482	6113
	82%	81%	81%	82%	84%	47%

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	207.090824	207.0979917314031	Subarray requested	NONE	NONE
[deg] Pointing Dec	-30.406520	-30.43366921169536	Alternating exposures requested	N	N
[deg] Pointing Roll	252.145366	252.3575978267995	[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)	143174307.184000	143173311.05			
Observation start date	2002-07-16T02:37:23	2002-07-16T02:21:51			
[s] Observation end time (MET)	143175807.184000	143176423.46263			
Observation end date	2002-07-16T03:02:23	2002-07-16T03:13:43			
Read mode	TIMED	TIMED			

2.3 Aspect



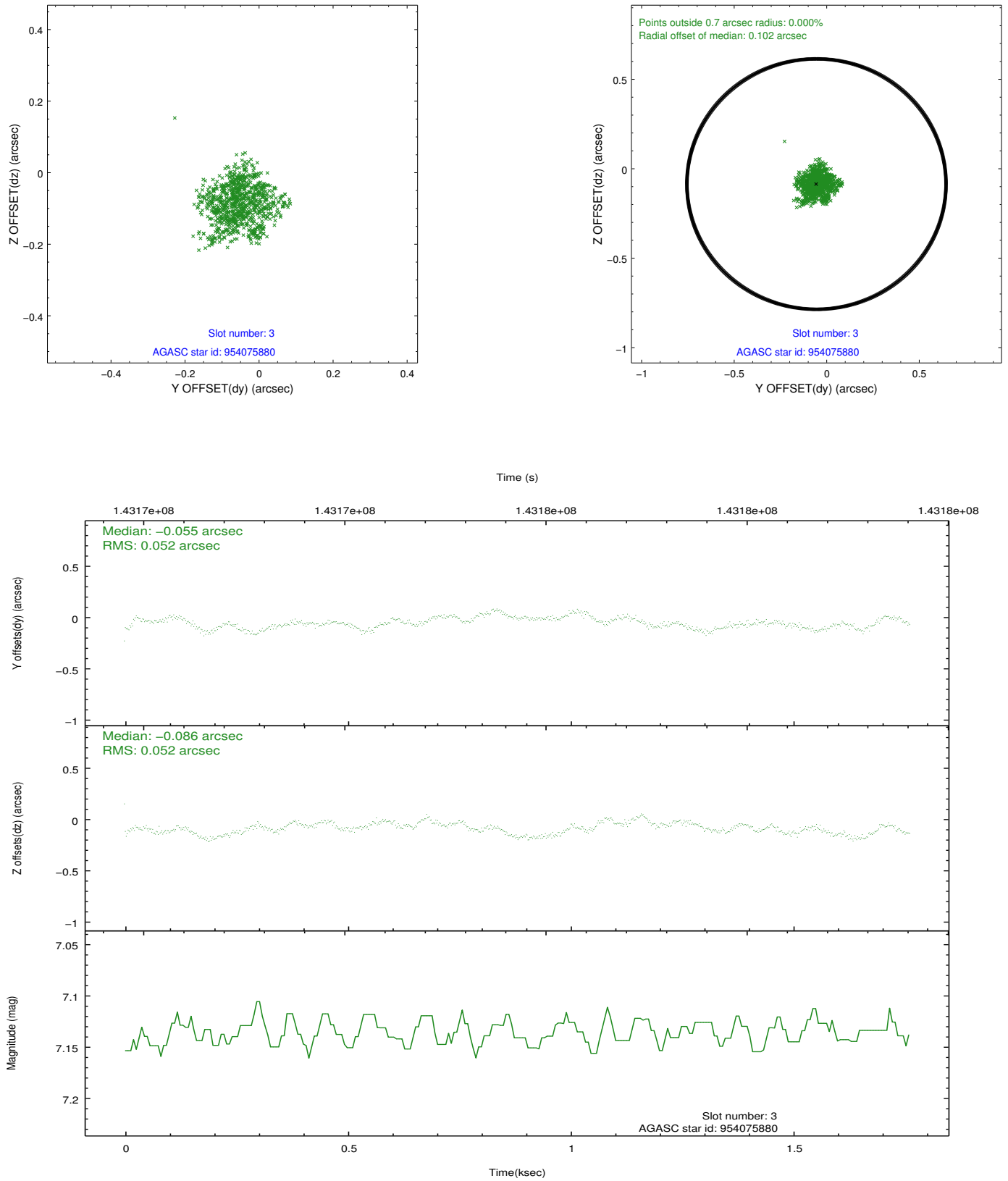


Slot Statistics

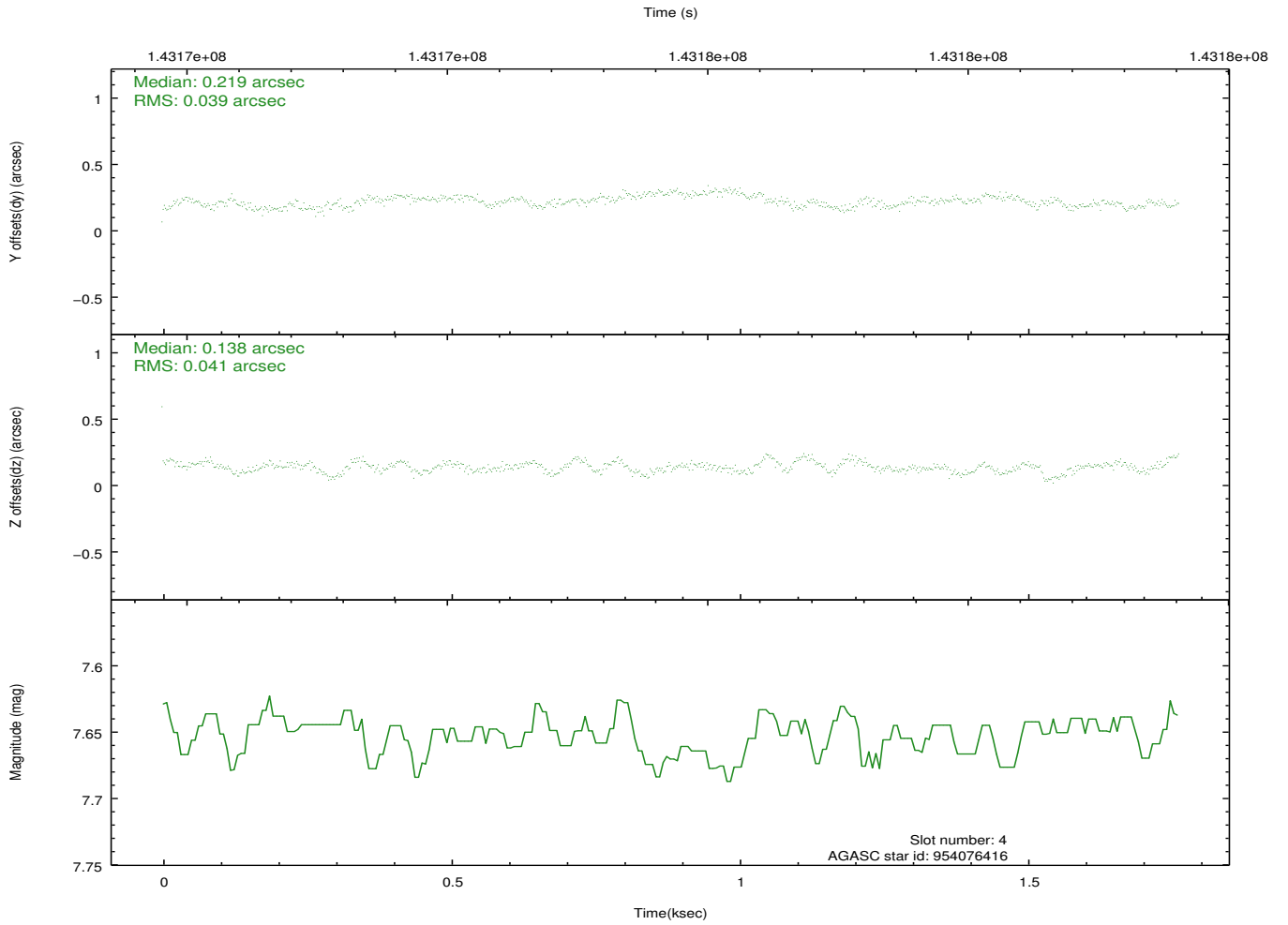
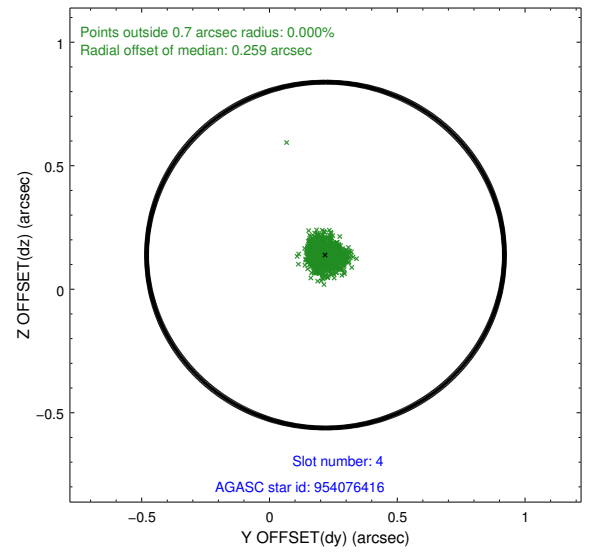
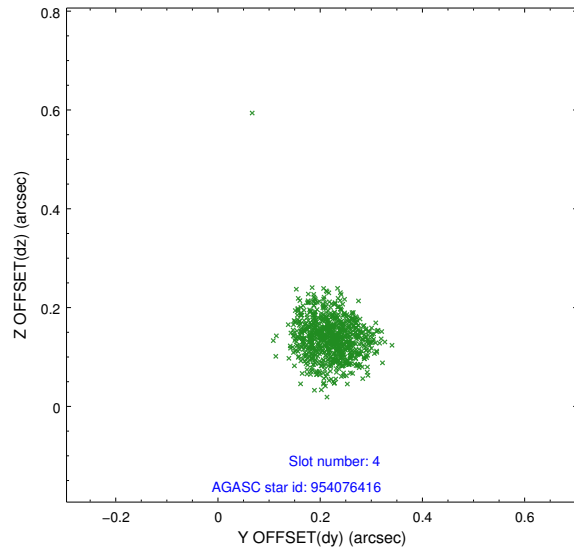
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	431	-0.029	-0.087	0.006	0.011	0.000000	0.000000	938.34	-829.86
1	FID	ACIS-I-3	7.45	431	0.003	0.150	0.008	0.013	0.000000	0.000000	57.96	-964.78
2	FID	ACIS-I-5	7.23	431	-0.065	0.009	0.005	0.011	0.000000	0.000000	-1809.76	1065.56
3	GUIDE	954075880	7.14	861	-0.055	-0.086	0.081	0.120	207.787300	-30.565970	-109.92	2232.15
4	GUIDE	954076416	7.65	861	0.219	0.138	0.060	0.091	207.588376	-31.067425	1797.07	2193.09
5	GUIDE	881728344	9.69	860	-0.073	-0.236	0.114	0.178	206.739682	-29.671821	-2177.48	-1854.56
6	GUIDE	954083488	9.47	857	-0.053	0.144	0.107	0.175	207.803747	-30.068064	-1837.34	1739.85
7	GUIDE	954074720	9.44	859	-0.043	0.044	0.082	0.134	207.095076	-30.028141	-1303.17	-403.82

2.4 Star Slots

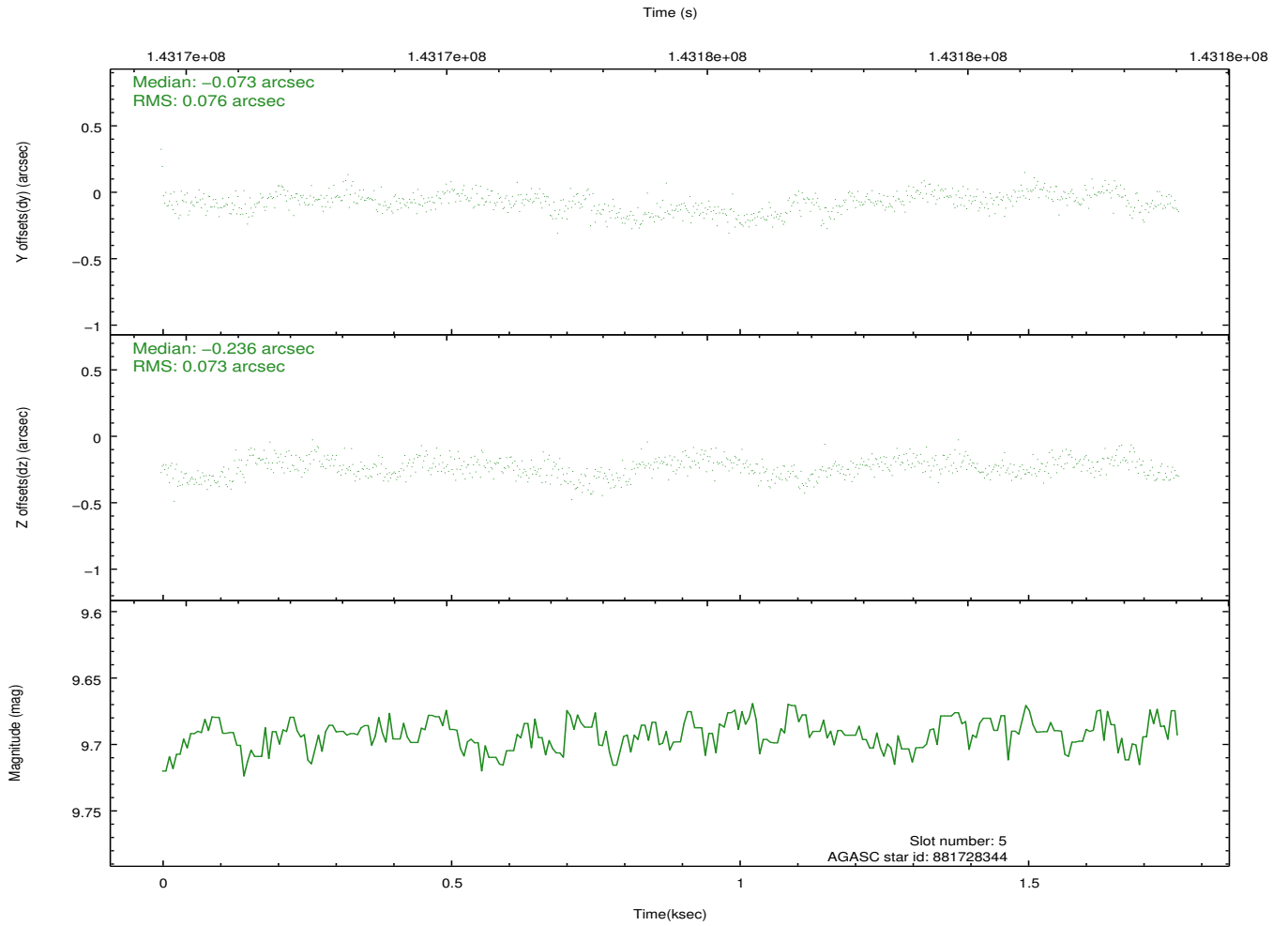
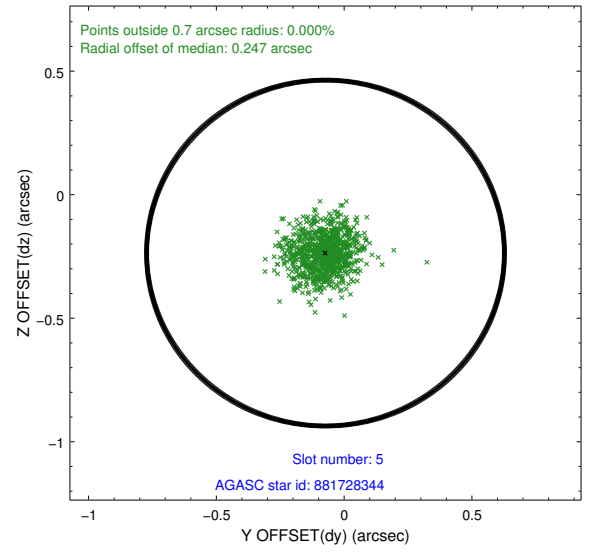
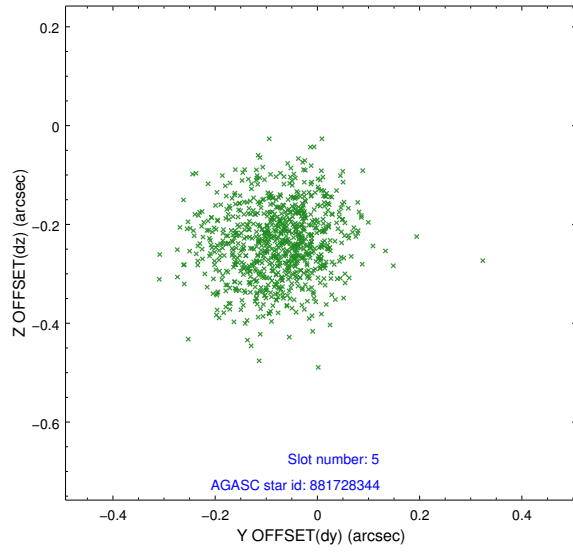
2.4.1 Slot 3



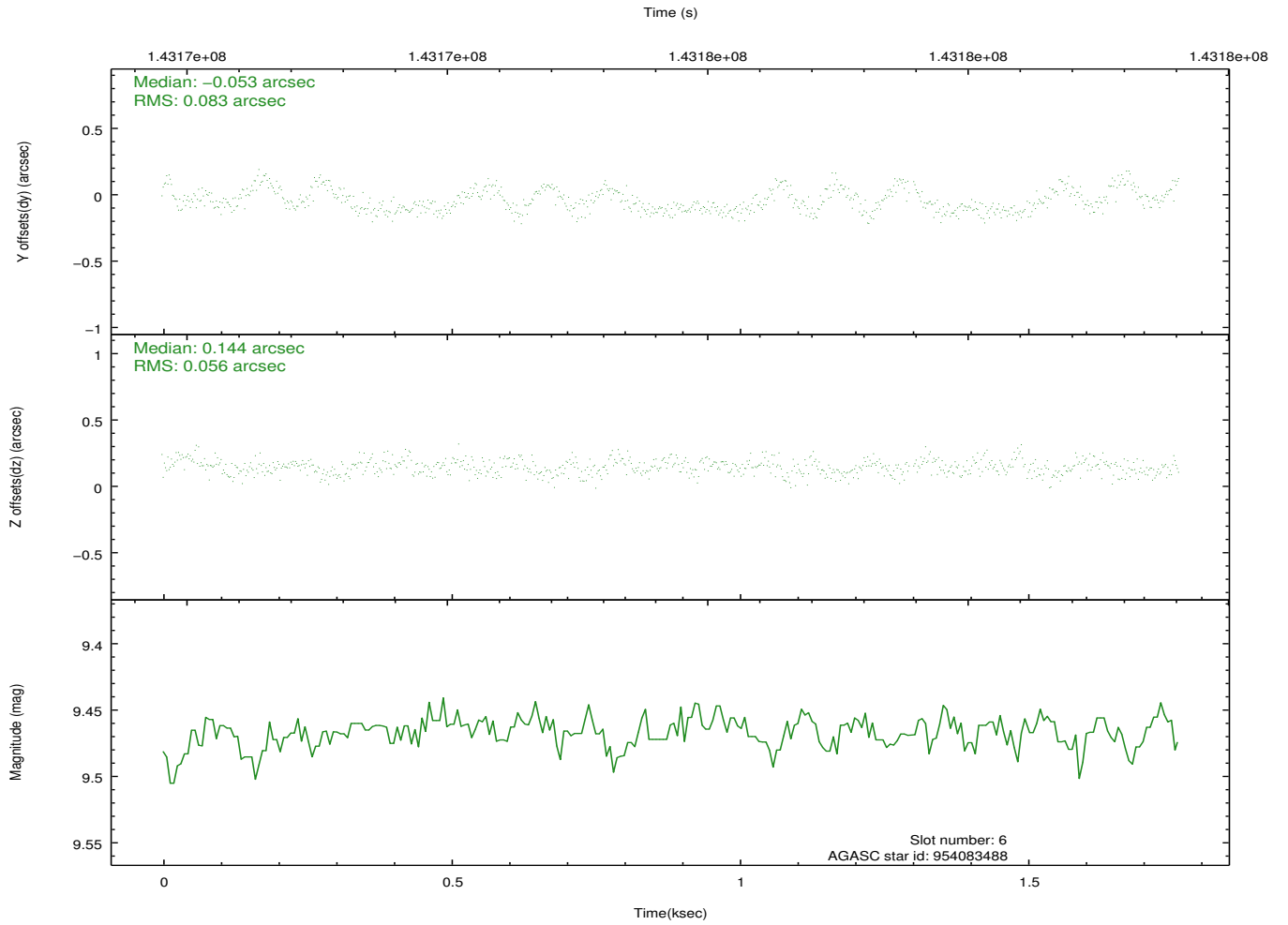
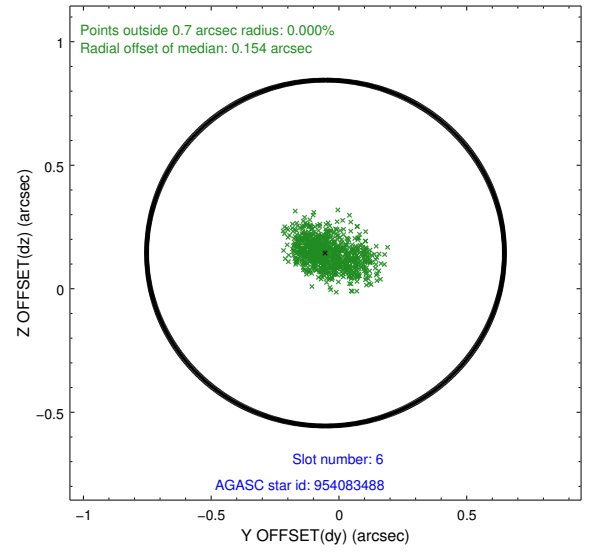
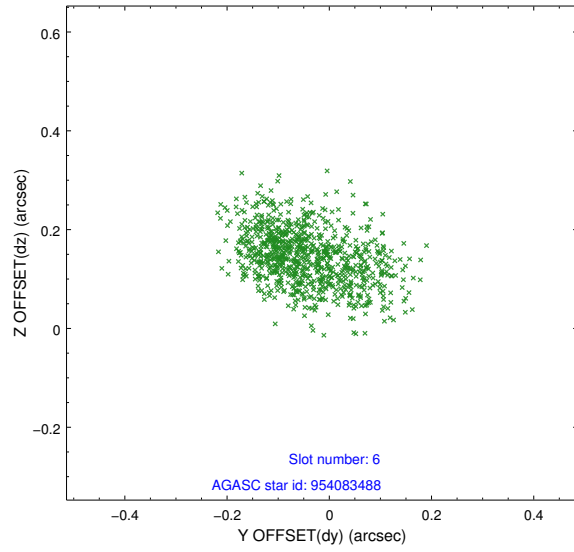
2.4.2 Slot 4



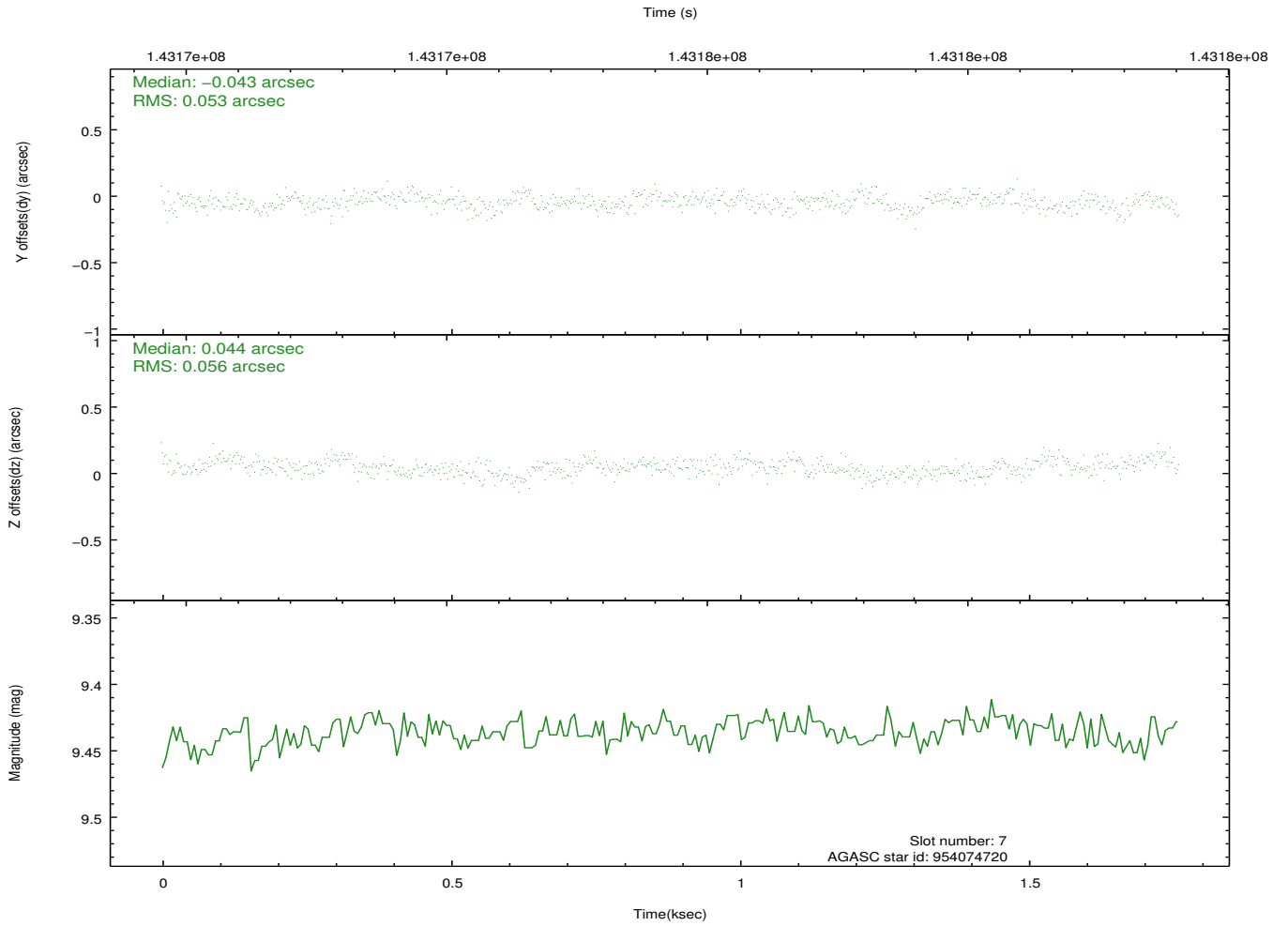
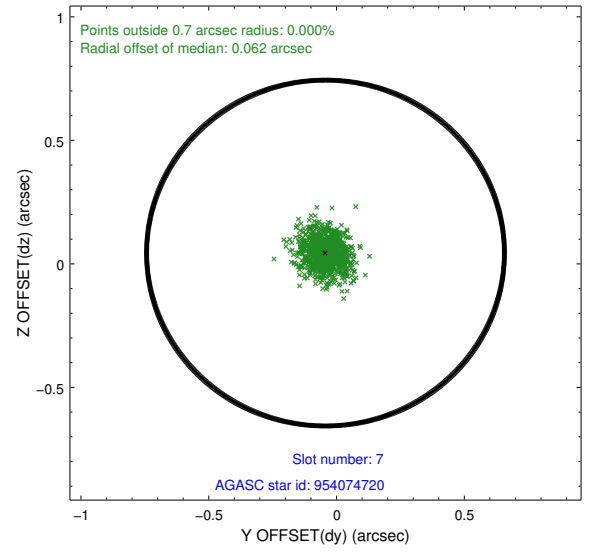
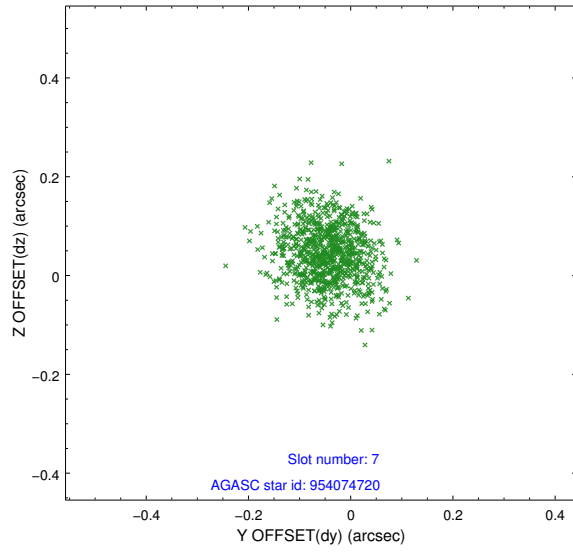
2.4.3 Slot 5



2.4.4 Slot 6

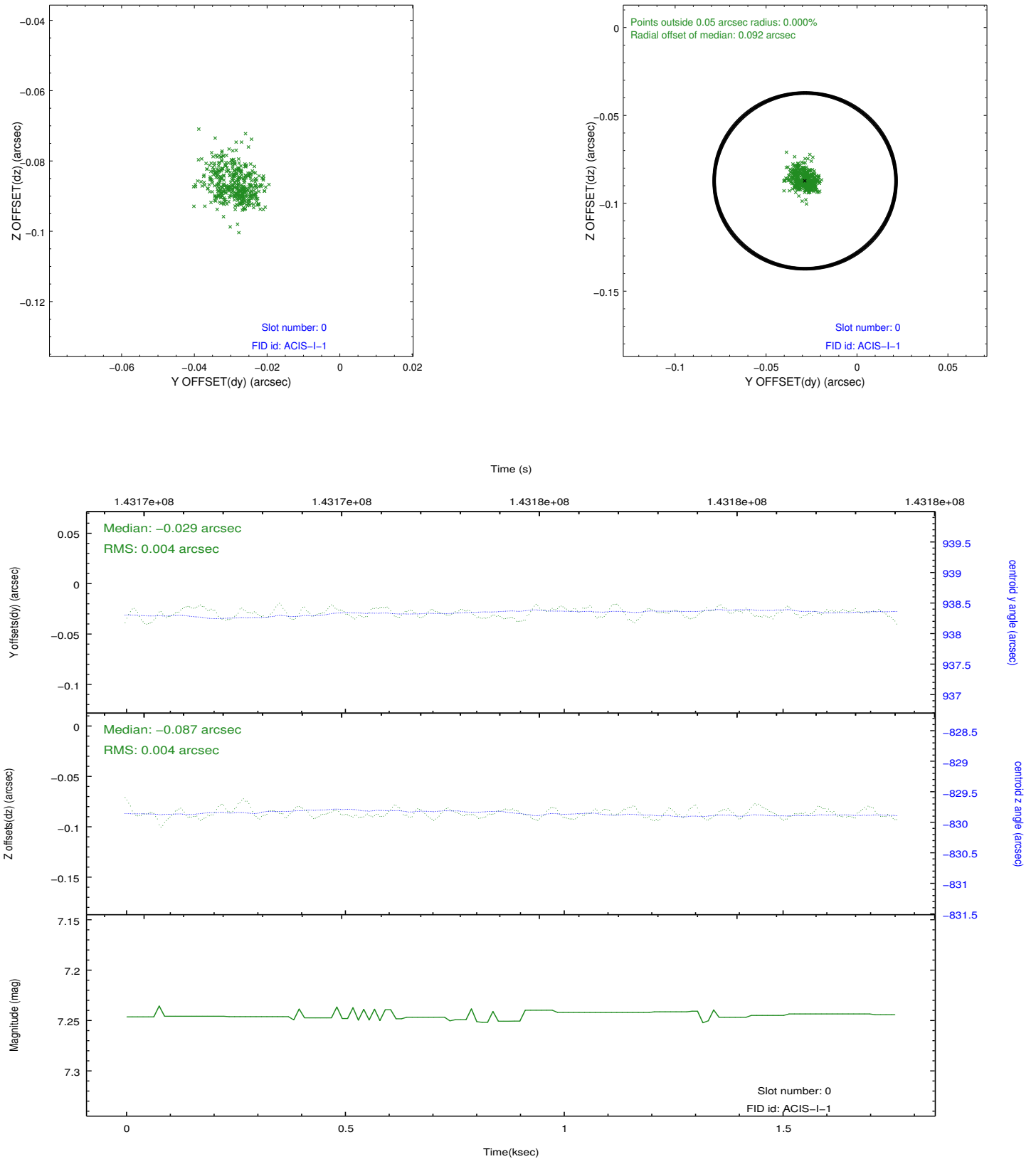


2.4.5 Slot 7

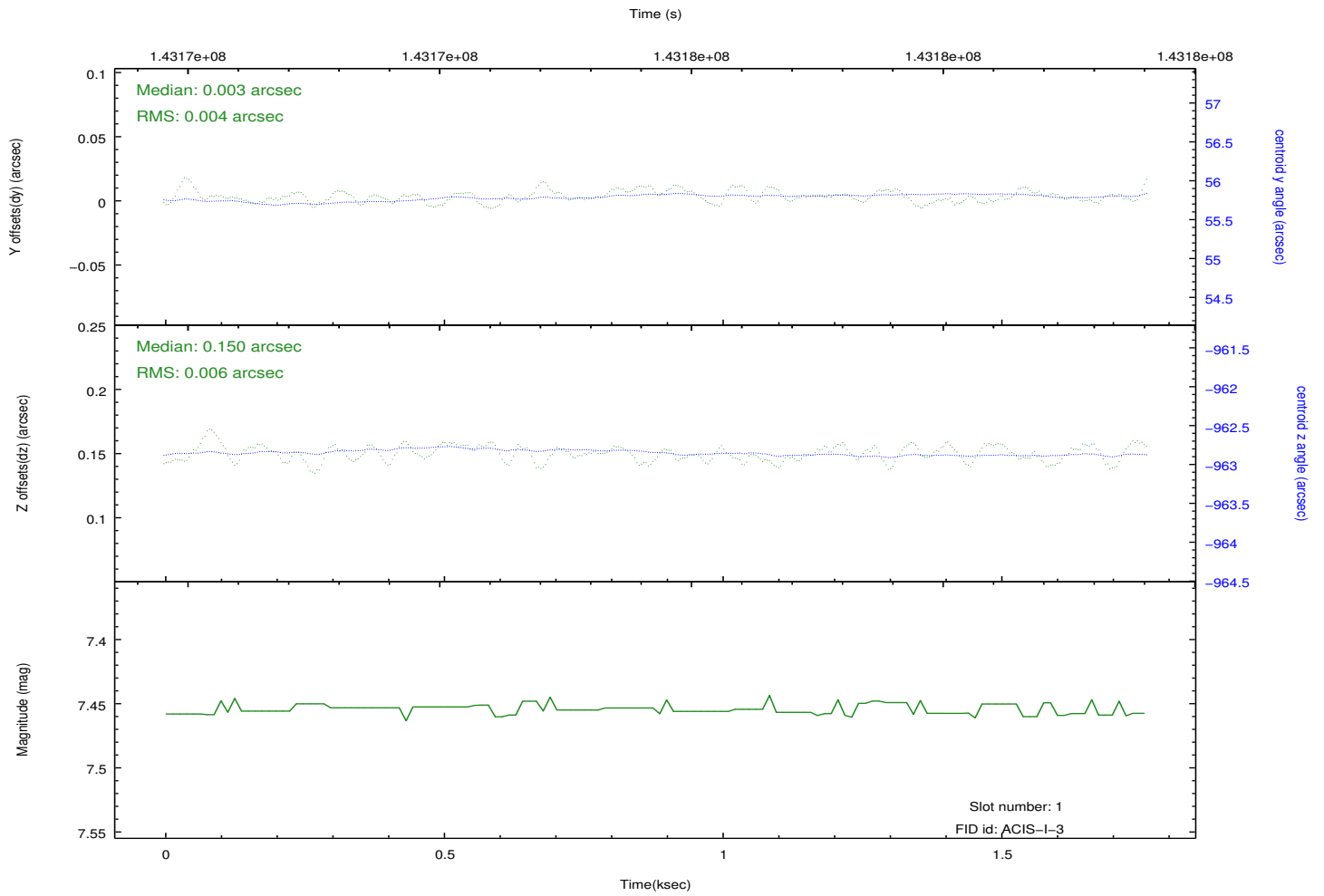
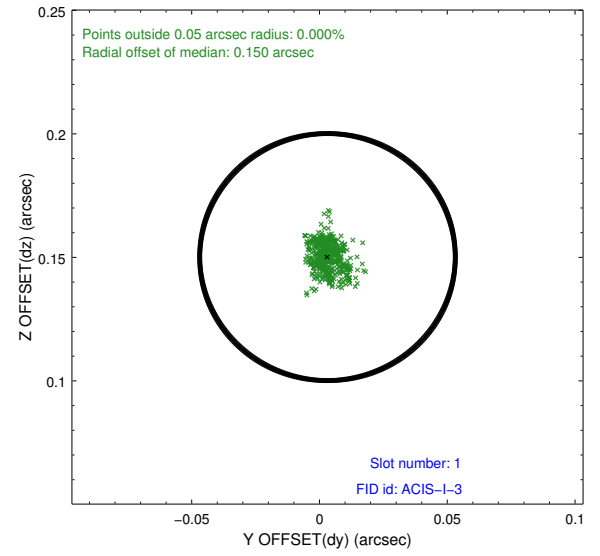
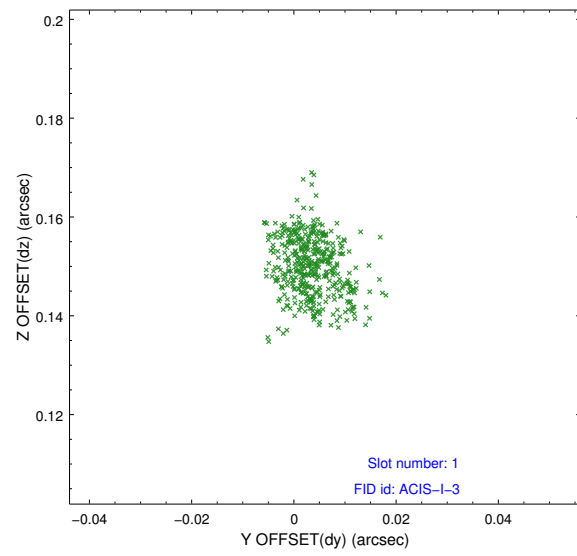


2.5 FID Slots

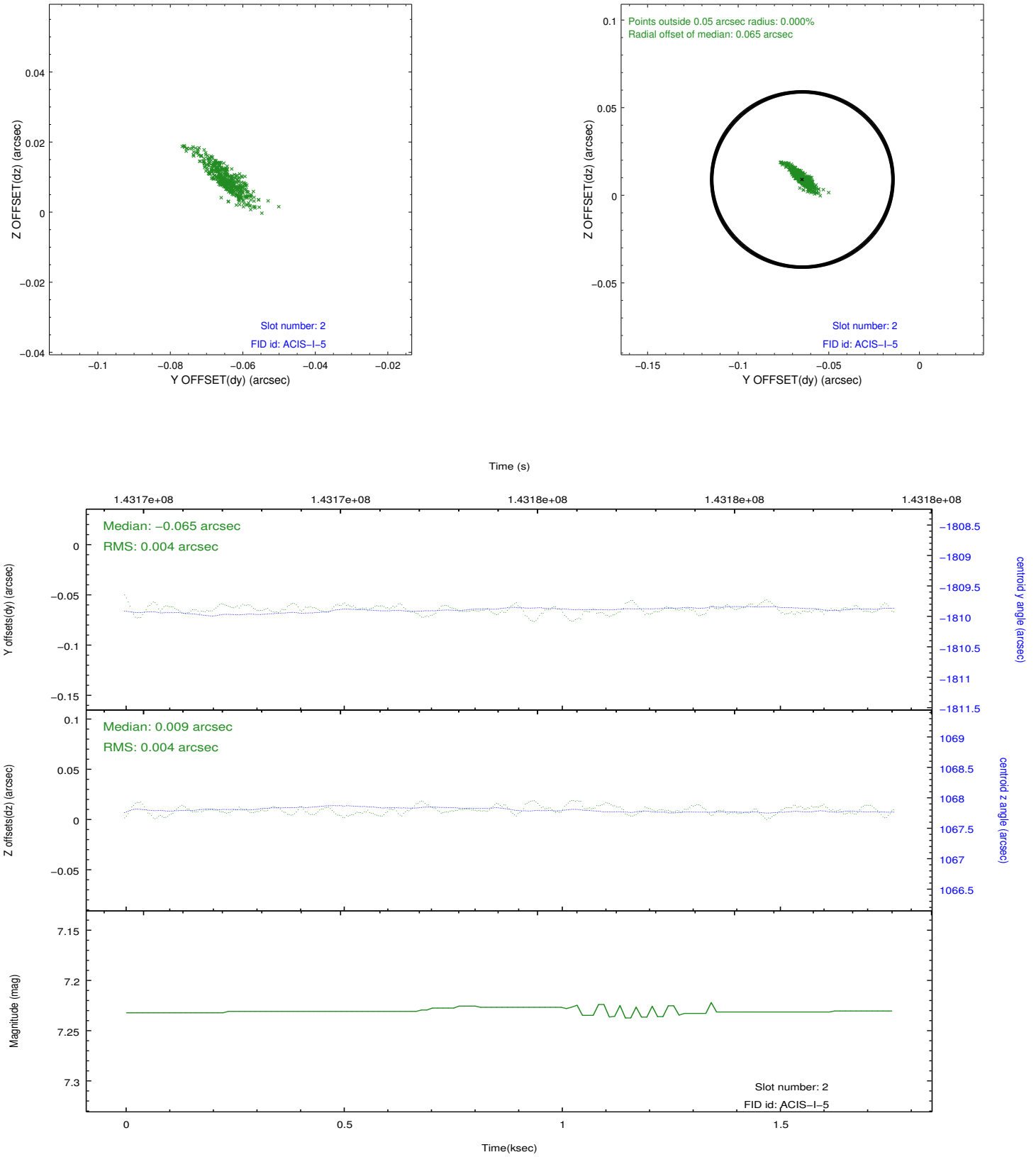
2.5.1 Slot 0



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)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.465

A.2 Comments