

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13880 - L2 Version 2
Chandra X-Ray Center

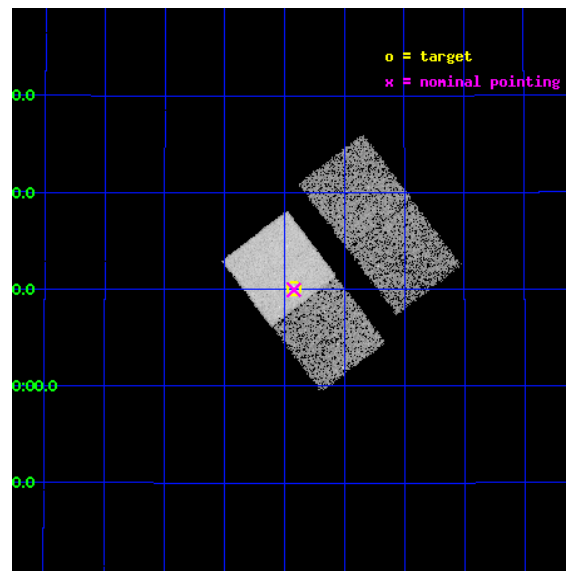
L2 Processing Date : Mar 2 2012

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1 Front

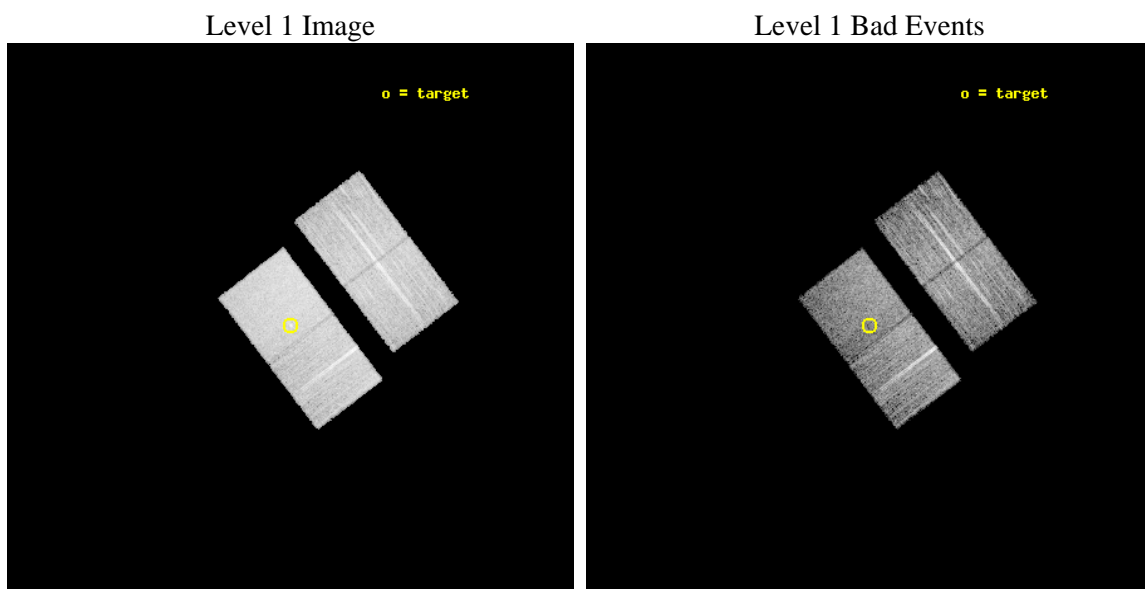
seq_num	702605	Sequence number
obs_id	13880	Observation id
title	Extending the Chandra 3C Snapshot Survey: Radio Galaxies with 0.3	Proposal title
observer	Dr. Francesco Massaro	Principal investigator
object	3c19	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.229167	Observer's specified target RA [deg]
dec_targ	33.168889	Observer's specified target Dec [deg]
ra_nom	10.230451320968	Nominal RA [deg]
dec_nom	33.166053771087	Nominal Dec [deg]
roll_nom	232.72463704221	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12052.685412824	Sum of GTIs [s]
livetime	11895.208204848	Livetime [s]
ontime2	12052.562292814	Sum of GTIs [s]
ontime3	12049.462302446	Sum of GTIs [s]
ontime6	12049.50334245	Sum of GTIs [s]
ontime7	12052.685412824	Sum of GTIs [s]
l2events	63513	Number of level 2 events



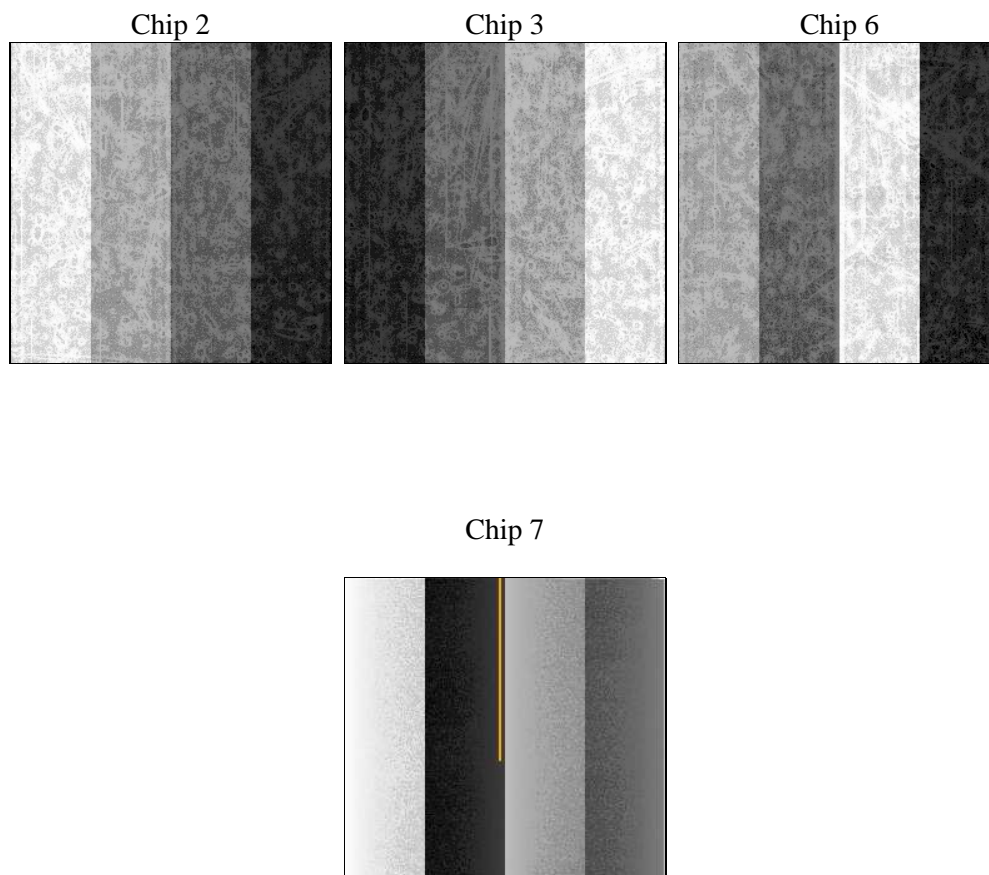
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	12052.685412824	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	12052.562292814	Sum of GTIs [s]
date	2012-03-02T14:43:47	Date and time of file creation	ontime3	12049.462302446	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	12049.50334245	Sum of GTIs [s]
			ontime7	12052.685412824	Sum of GTIs [s]
			l1events	319207	Number of level 1 events

2.1.4 Events

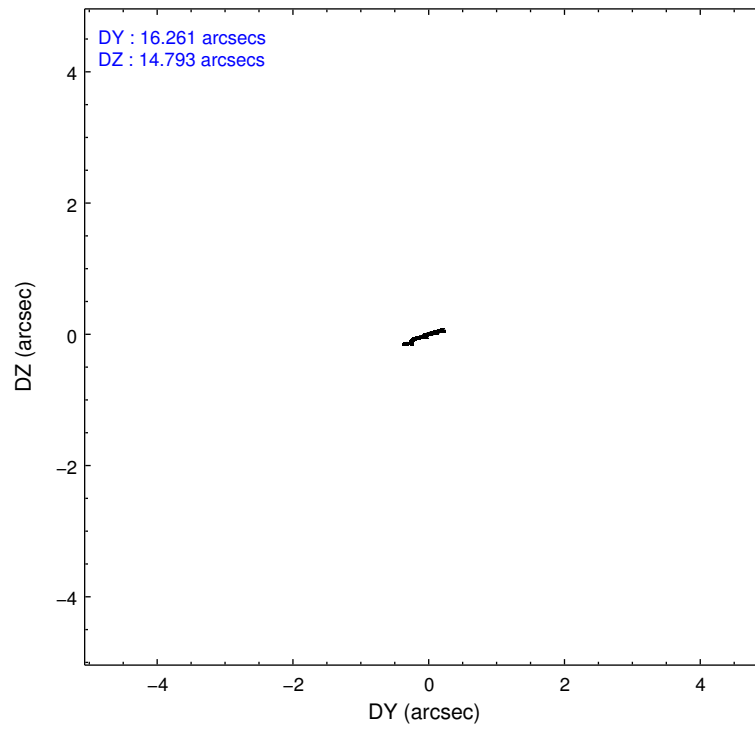
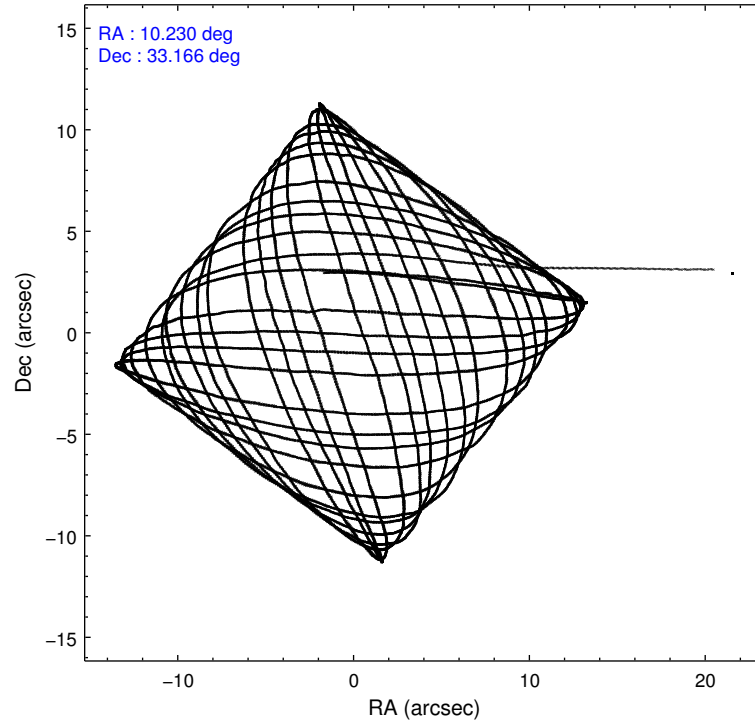
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	72758	72976	76328	97145
rejected events	64745	65003	67459	54006
rejected %	88%	89%	88%	55%

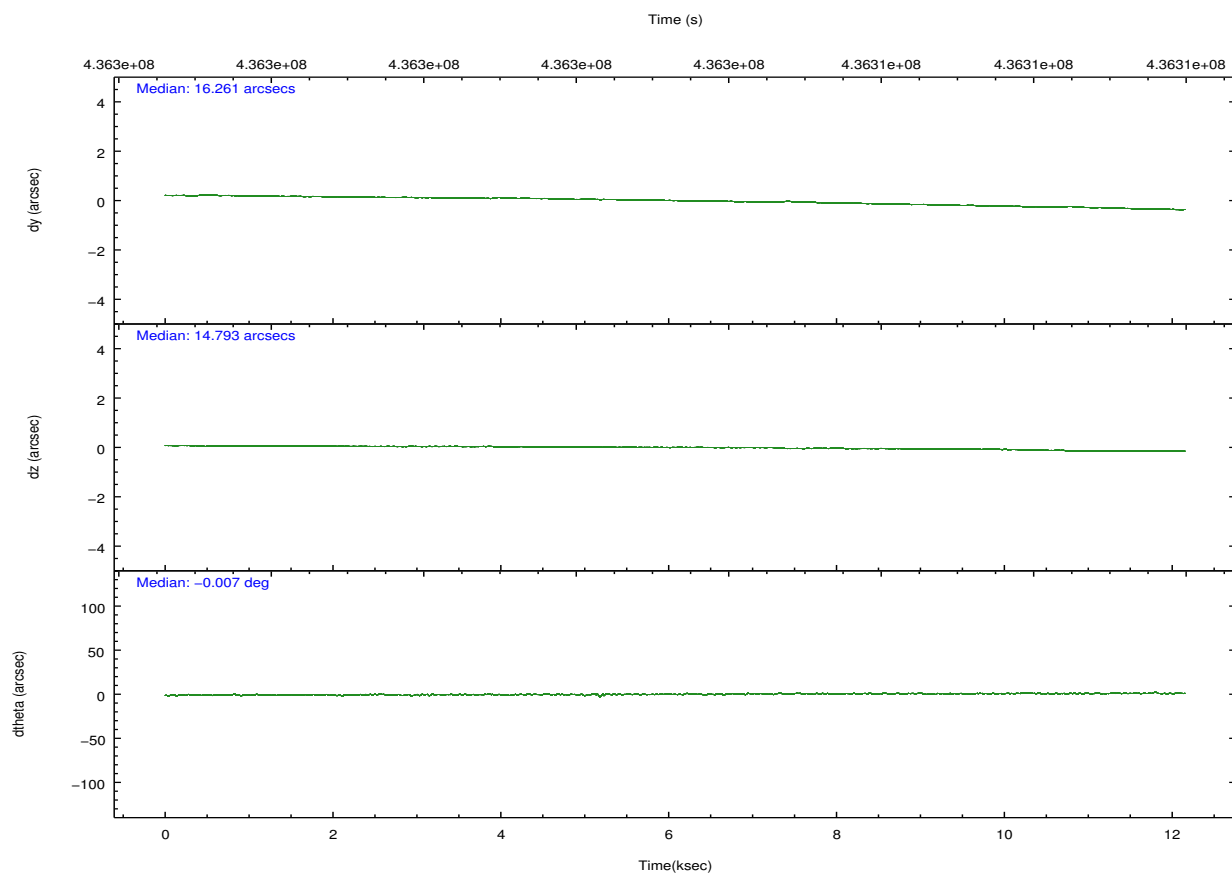
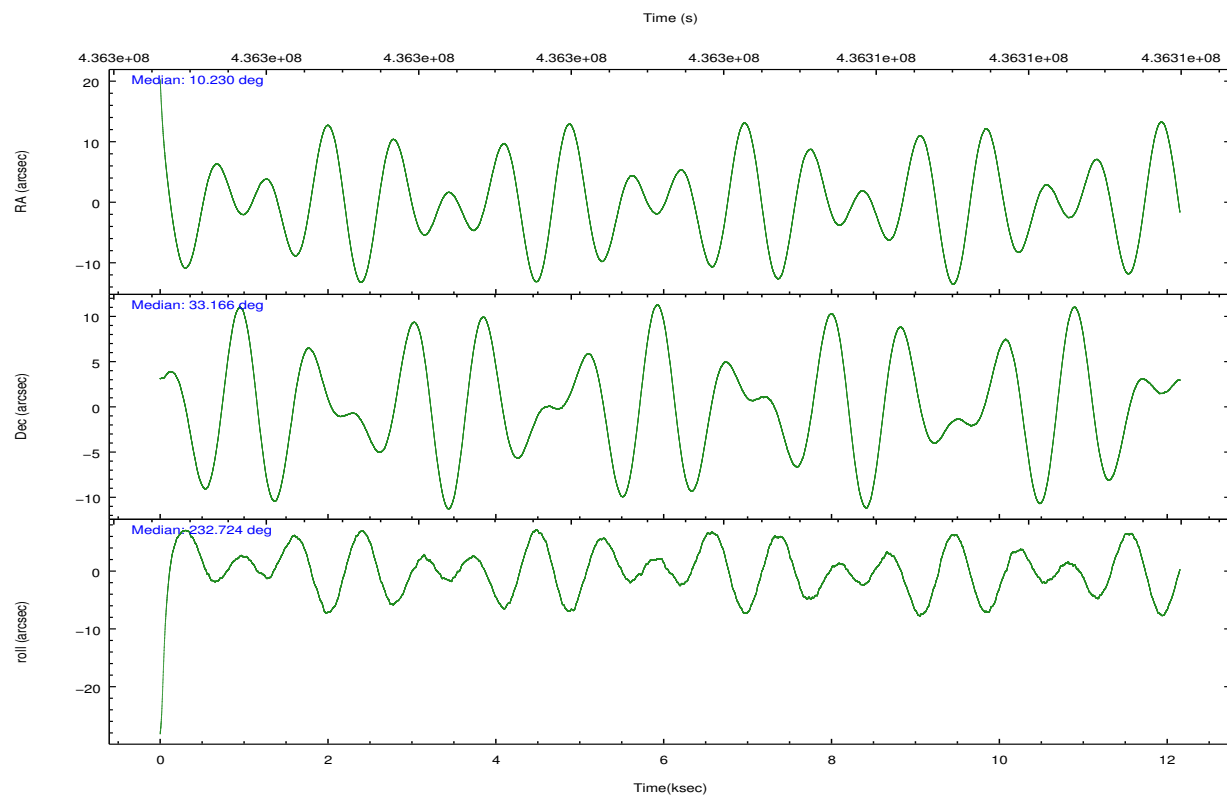
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2855	2746	3090	3889
	3%	3%	4%	4%
grade 1 events	47	55	35	102
	0%	0%	0%	0%
grade 2 events	1968	1709	2014	8682
	2%	2%	2%	8%
grade 3 events	811	903	848	3702
	1%	1%	1%	3%
grade 4 events	857	894	913	3725
	1%	1%	1%	3%
grade 5 events	3029	3675	3650	10031
	4%	5%	4%	10%
grade 6 events	1527	1723	2008	23163
	2%	2%	2%	23%
grade 7 events	61664	61271	63770	43851
	84%	83%	83%	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	10.234111	10.23045132096814	CCD I2 on	O1	Y
[deg] Pointing Dec	33.193217	33.16605377108679	CCD I3 on	O2	Y
[deg] Pointing Roll	232.566024	232.7246370422104	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	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	N	N
[s] Observation start time (MET)	436297368.184000	436296343.03259	CCD S5 on	N	N
Observation start date	2011-10-29T17:41:42	2011-10-29T17:25:43	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	436309368.184000	436310183.09581	On-chip summing requested	N	N
Observation end date	2011-10-29T21:01:42	2011-10-29T21:16:23	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



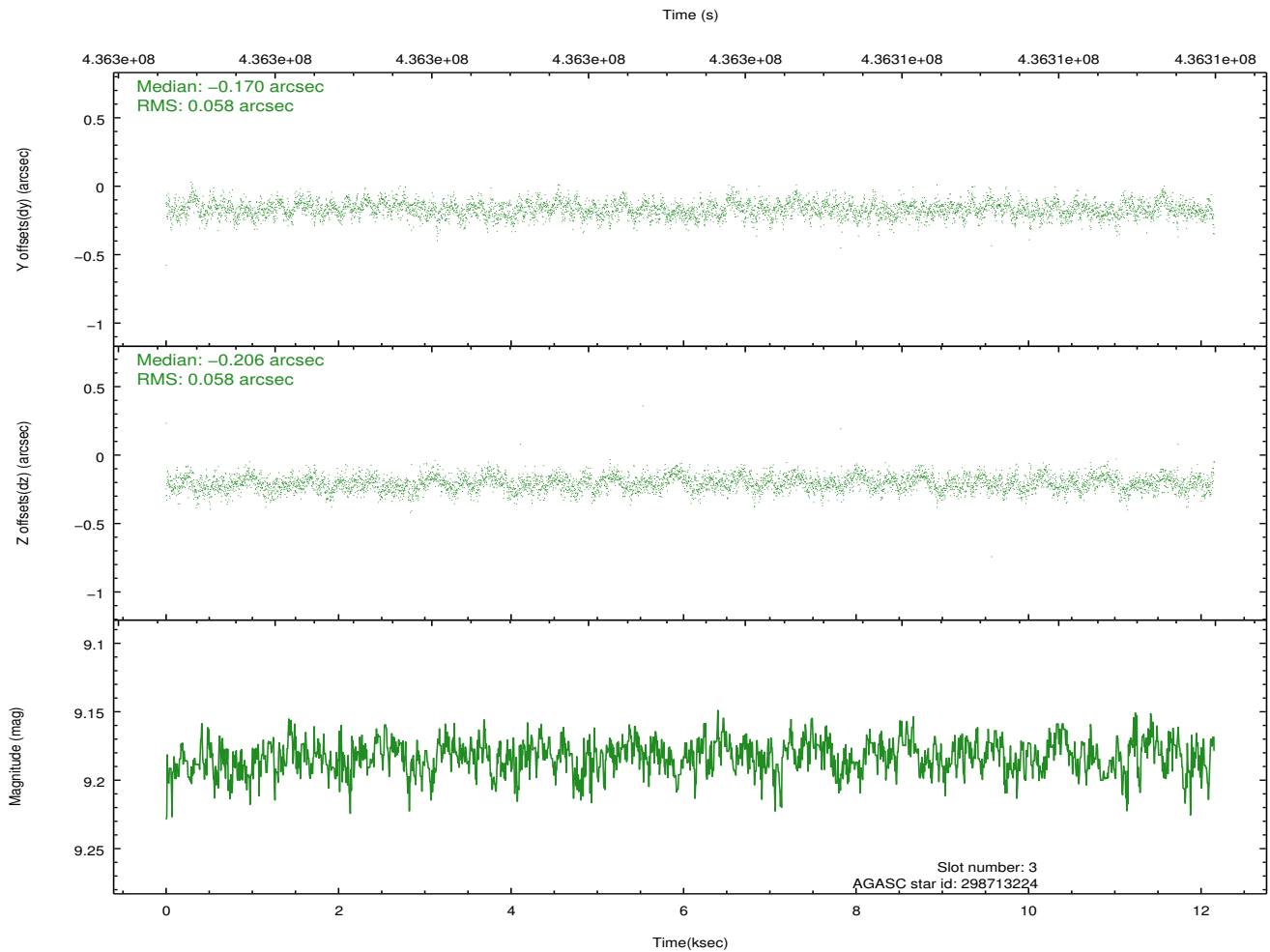
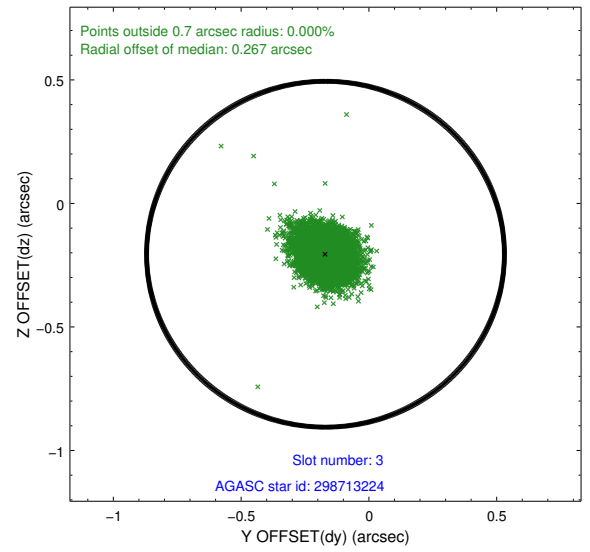
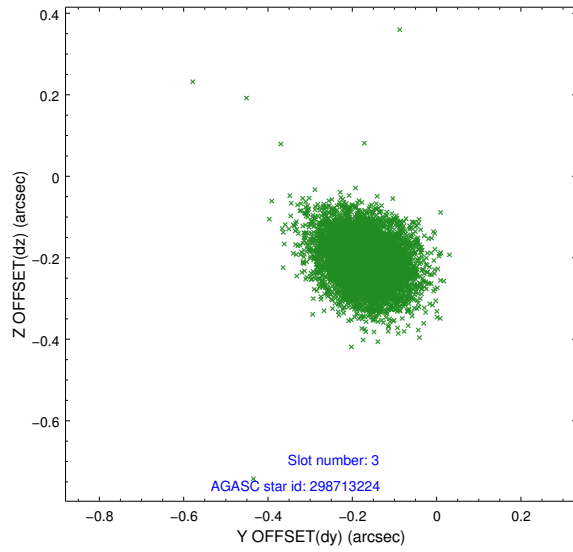


Slot Statistics

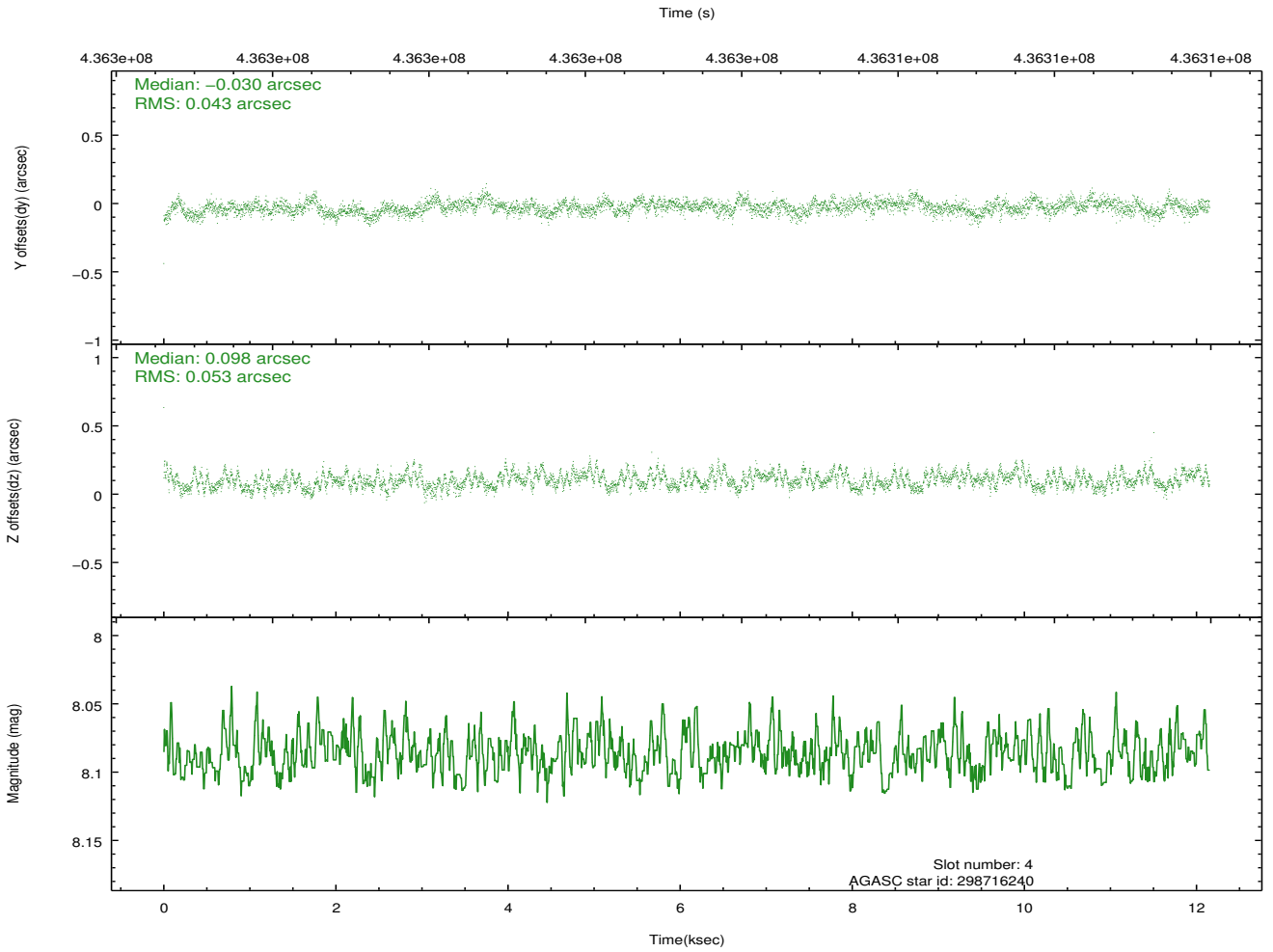
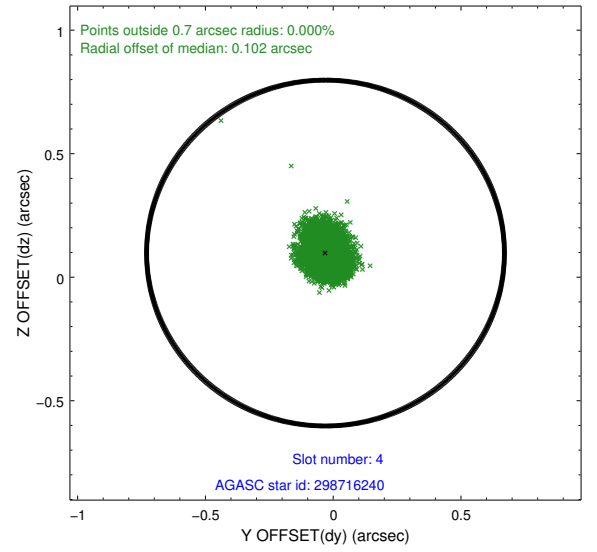
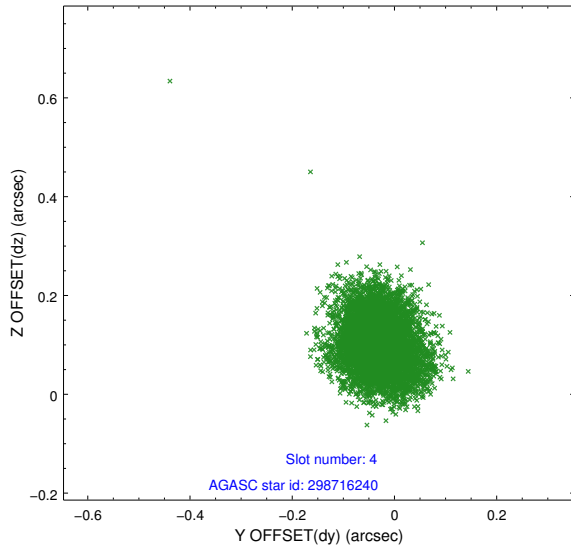
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.08	2964	0.092	-0.092	0.010	0.018	0.000000	0.000000	926.94	-1731.79
1	FID	ACIS-S-5	7.14	2964	-0.167	0.048	0.007	0.012	0.000000	0.000000	-1822.14	165.41
2	FID	ACIS-S-6	7.23	2962	0.053	0.056	0.009	0.014	0.000000	0.000000	391.94	809.90
3	GUIDE	298713224	9.18	5923	-0.170	-0.206	0.086	0.140	11.123451	33.262688	-1835.08	1966.71
4	GUIDE	298716240	8.09	5928	-0.030	0.098	0.073	0.117	10.519727	32.611037	1136.52	1961.57
5	GUIDE	298719880	7.50	5929	0.075	-0.124	0.065	0.111	9.873593	32.629959	2273.08	364.01
6	GUIDE	298722256	8.26	5928	0.097	-0.019	0.084	0.131	10.467254	33.296404	-721.49	330.92
7	GUIDE	299245696	8.41	5926	0.026	0.248	0.067	0.110	10.454679	33.865199	-2322.31	-947.00

2.4 Star Slots

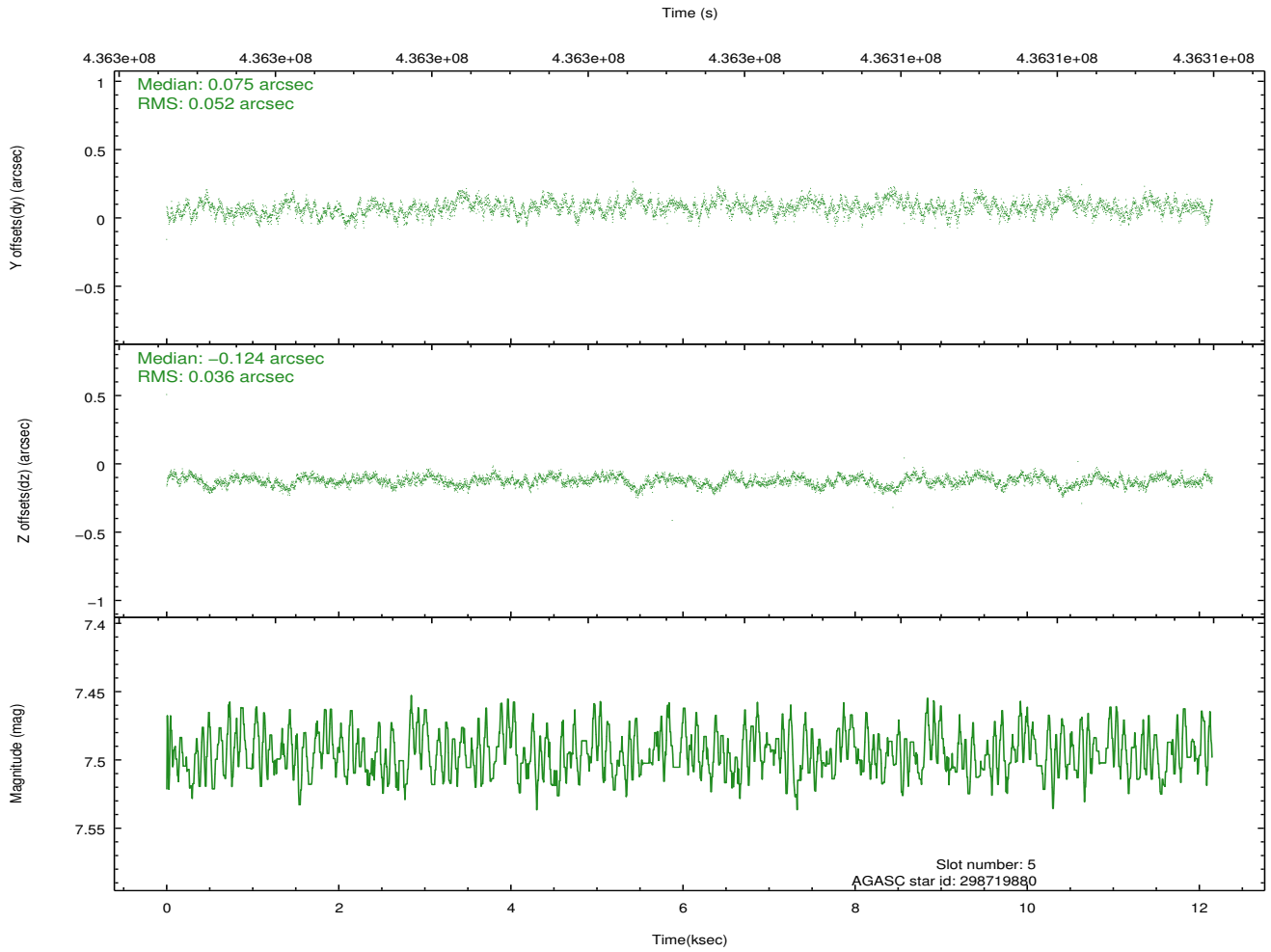
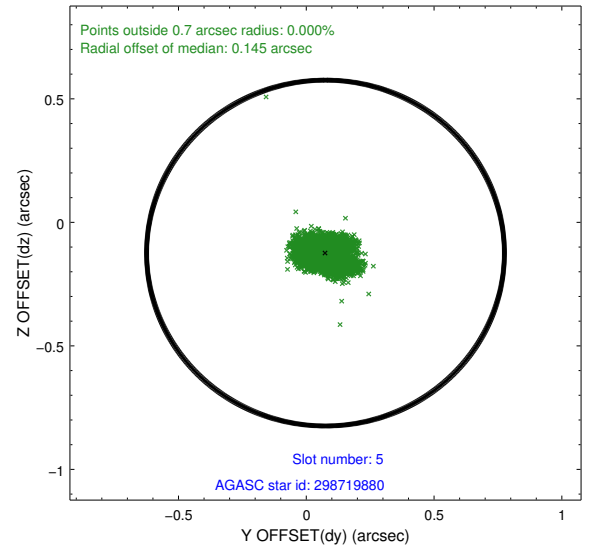
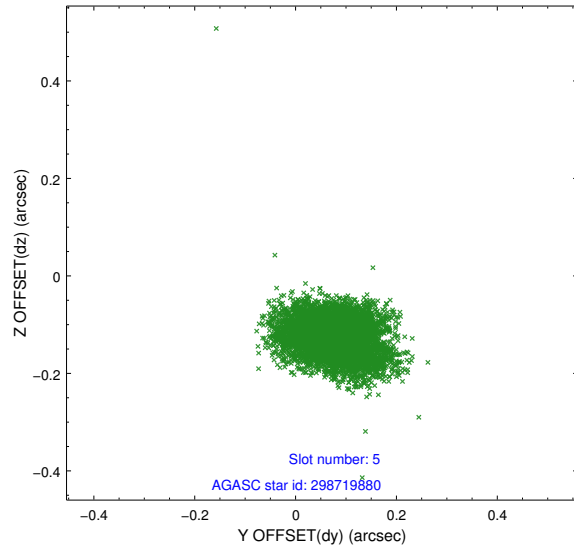
2.4.1 Slot 3



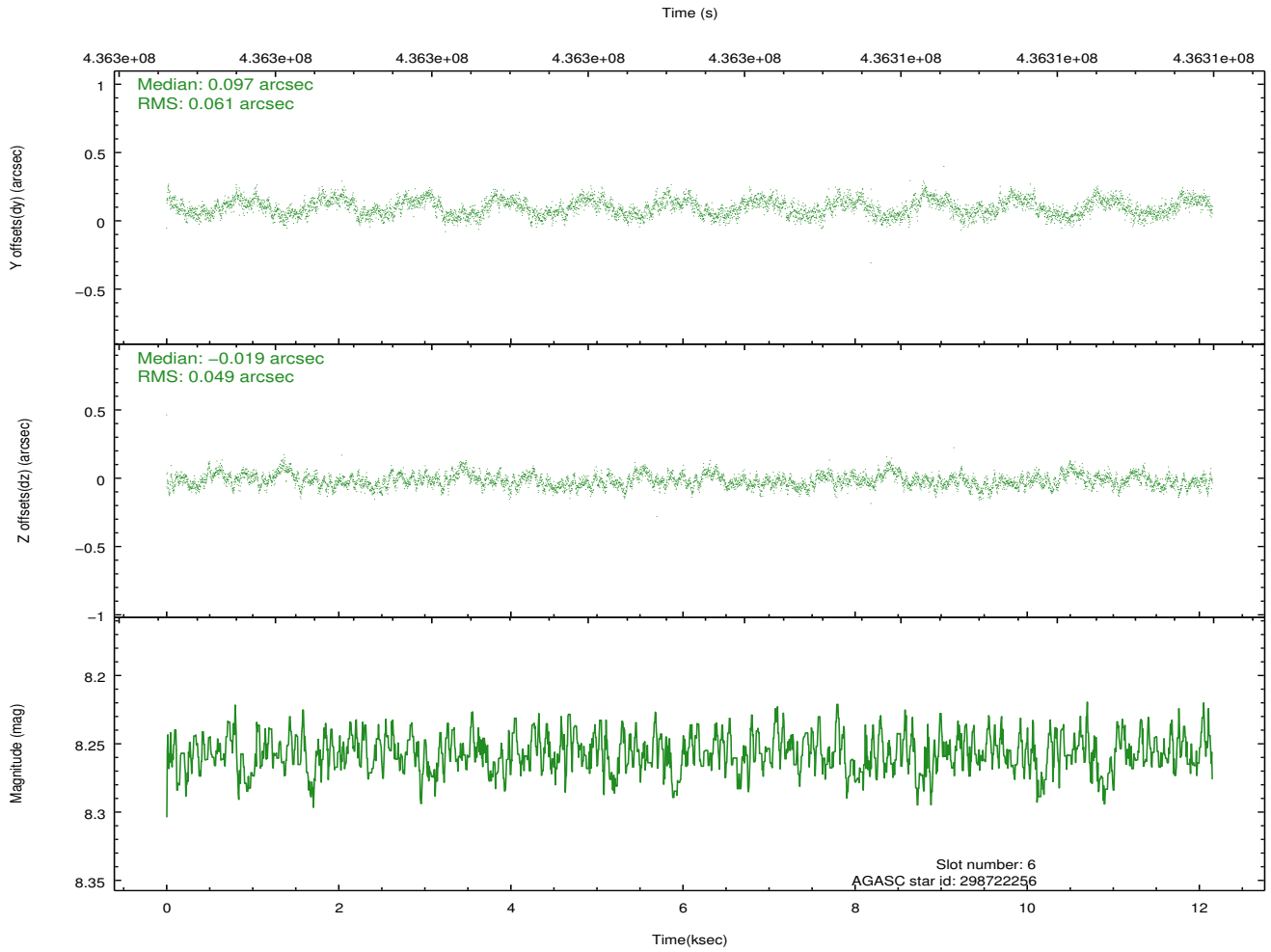
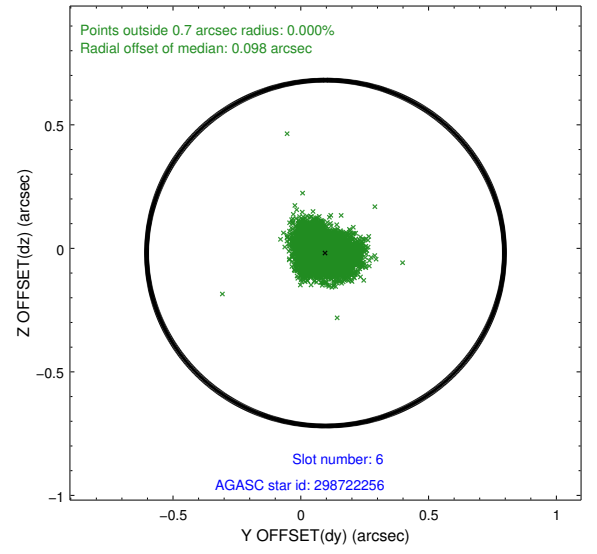
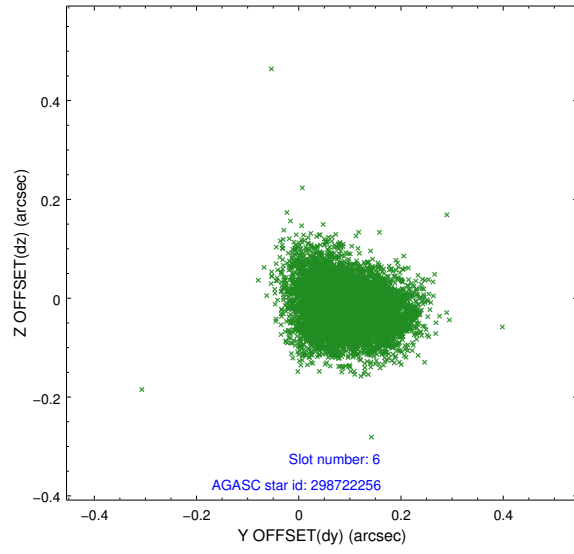
2.4.2 Slot 4



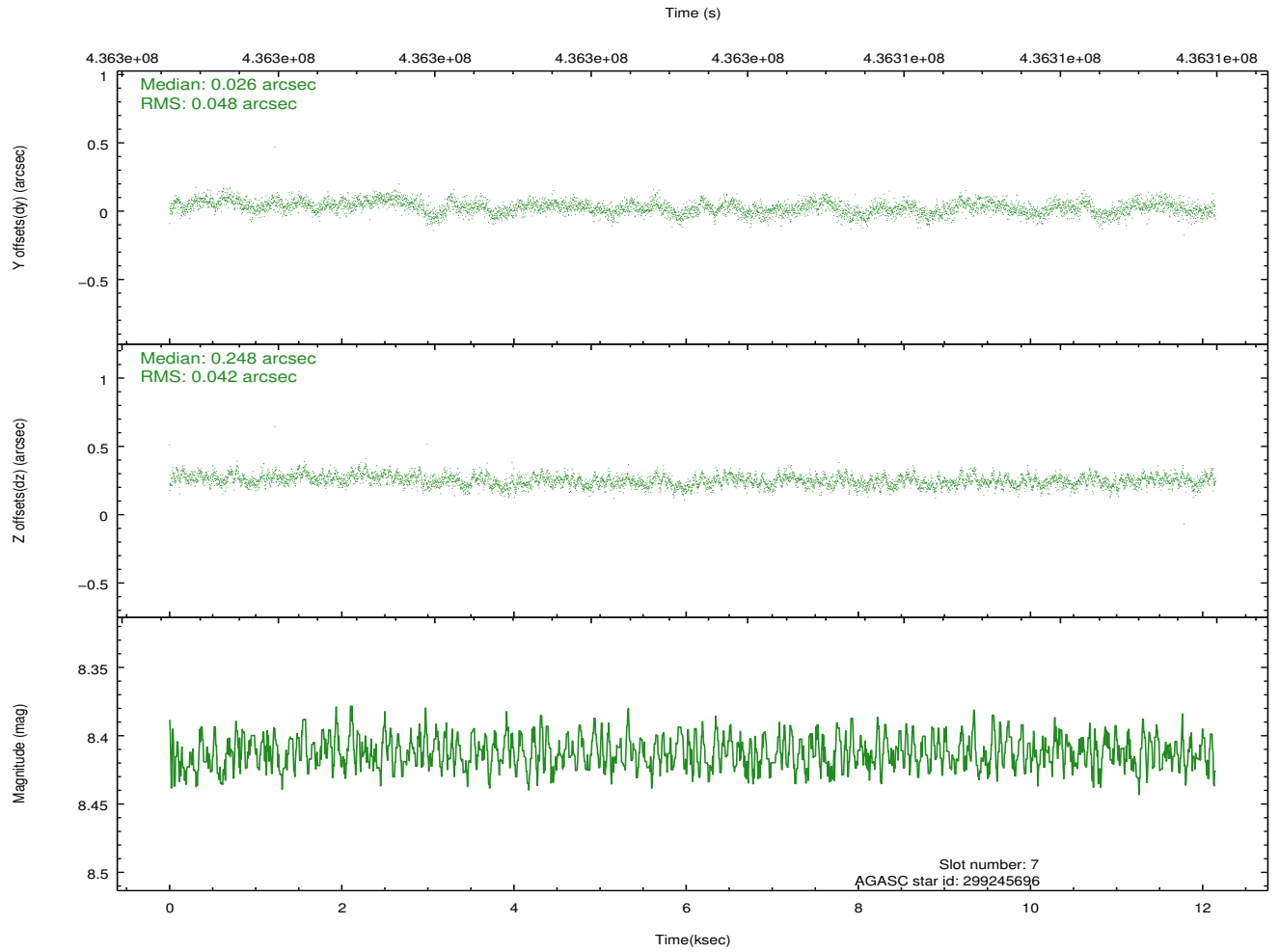
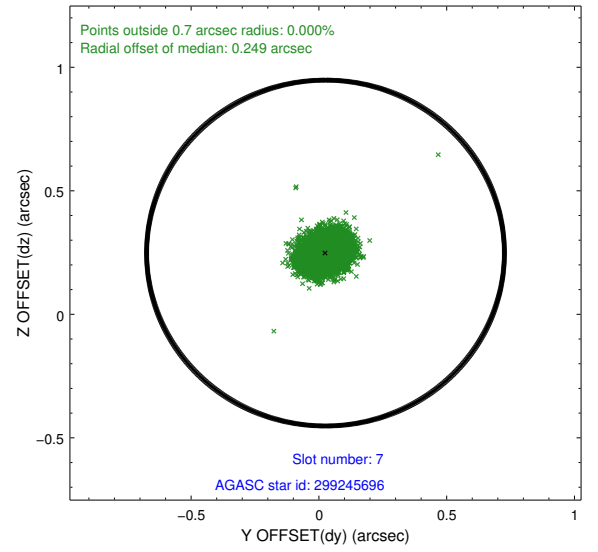
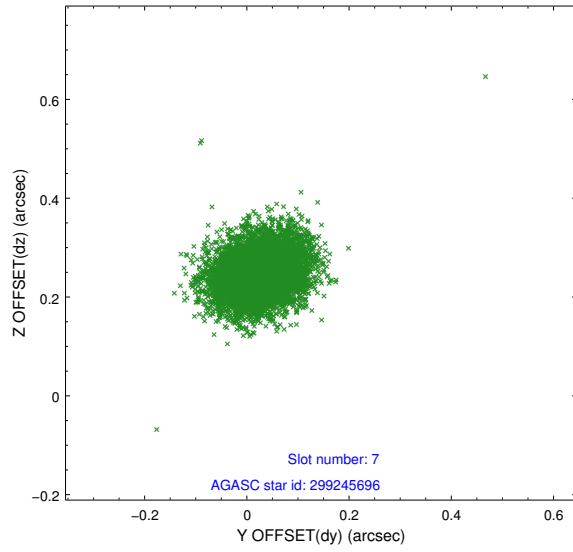
2.4.3 Slot 5



2.4.4 Slot 6

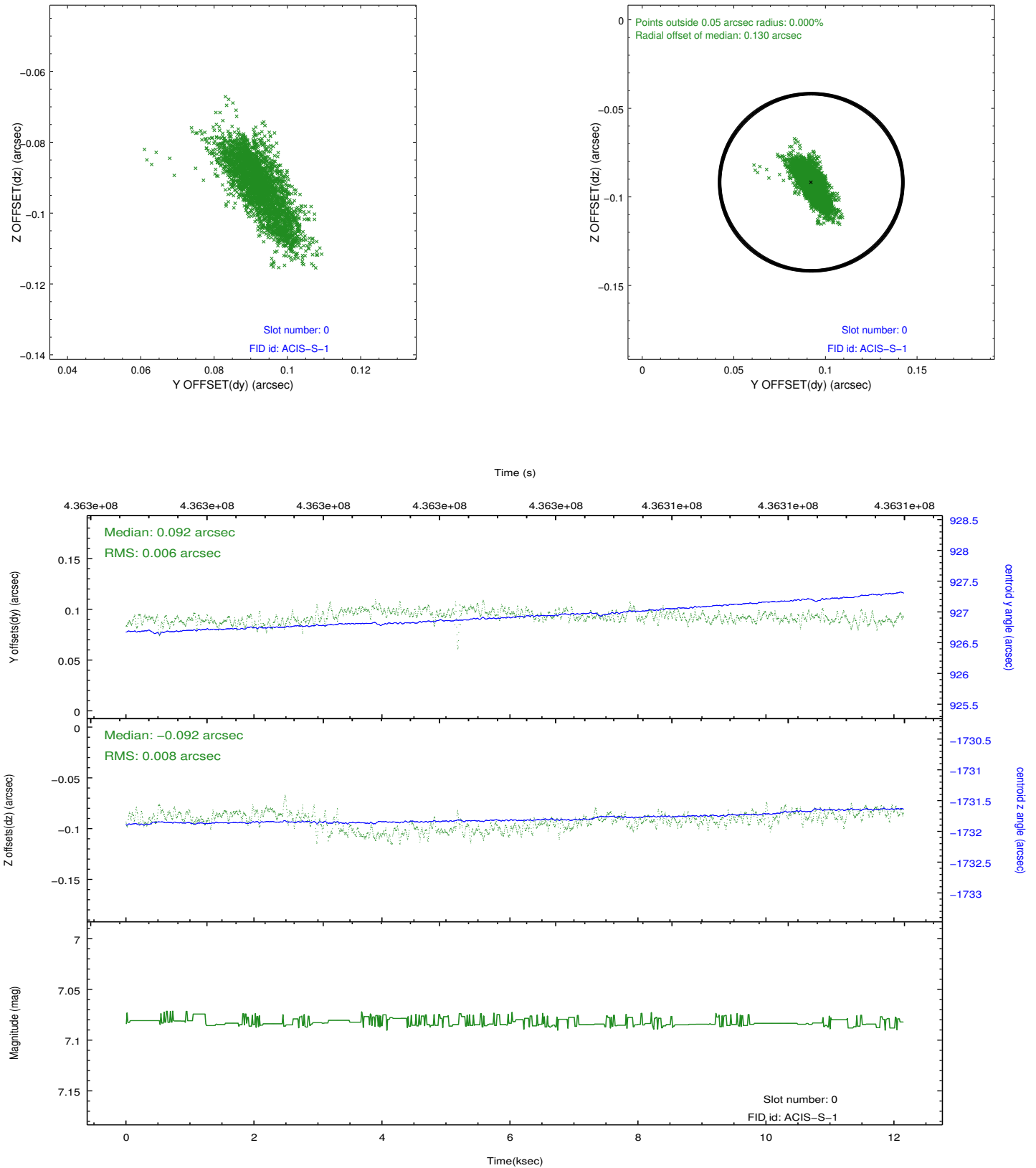


2.4.5 Slot 7

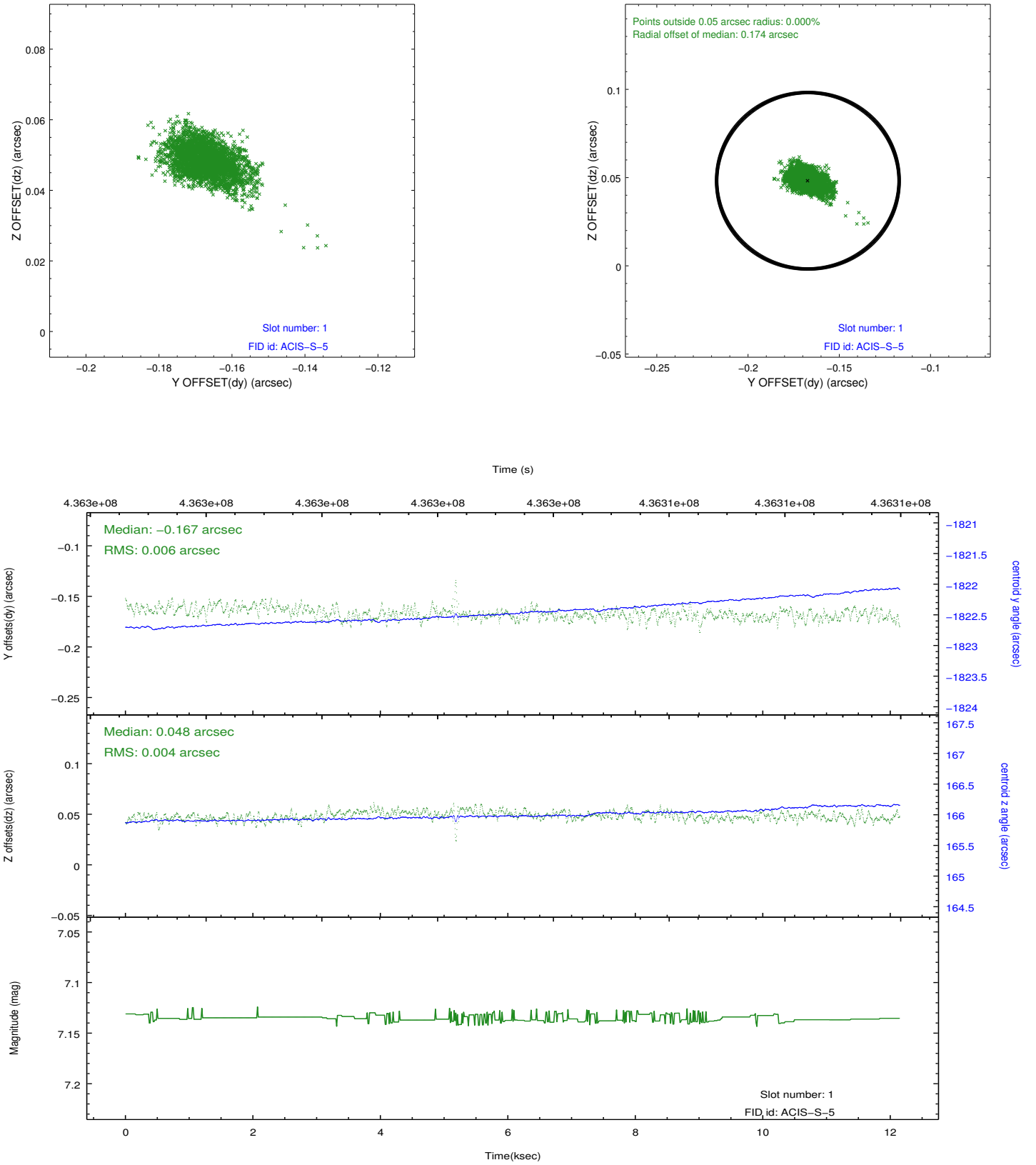


2.5 FID Slots

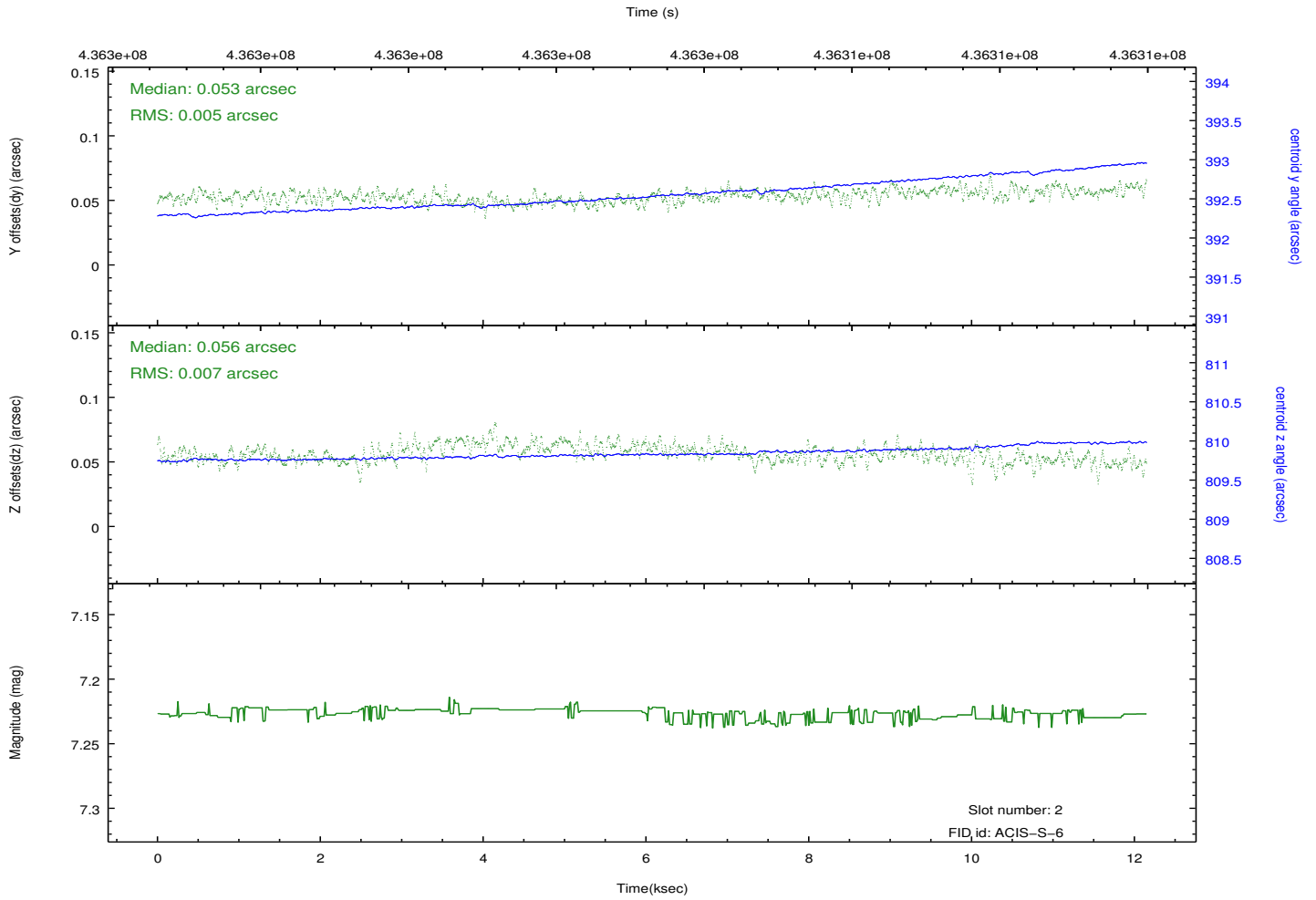
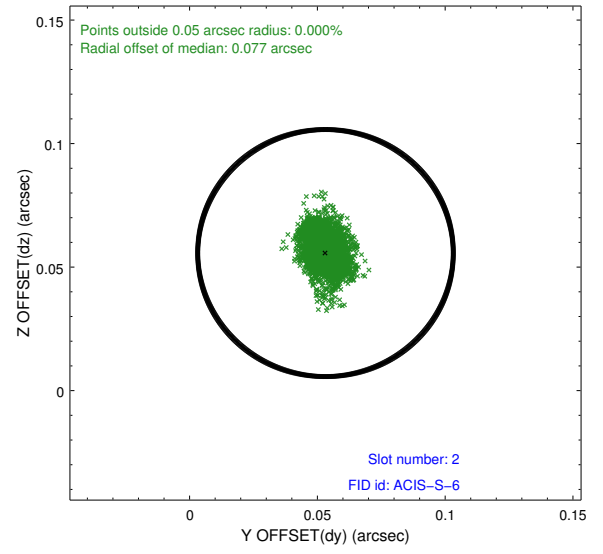
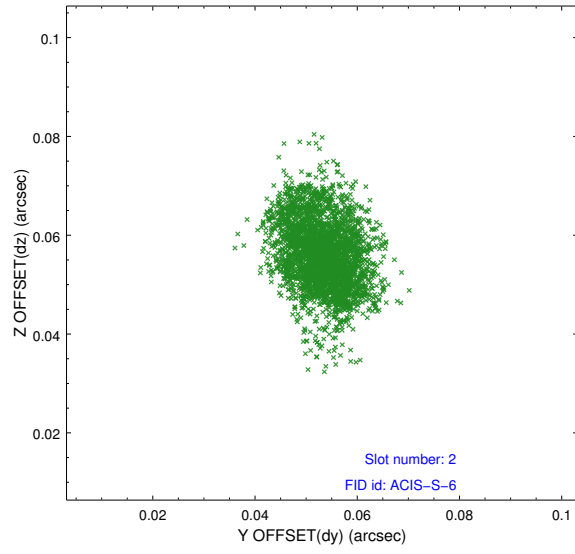
2.5.1 Slot 0



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)	2012.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.052685405791

A.2 Comments