

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10511 - L2 Version 2
Chandra X-Ray Center

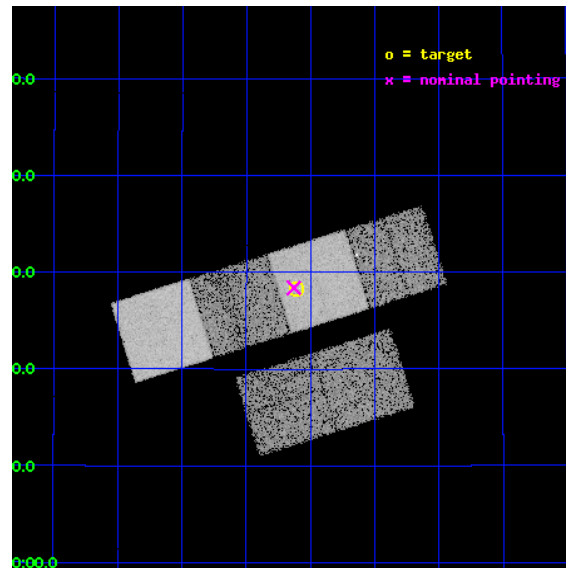
L2 Processing Date : May 28 2012

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1 Front

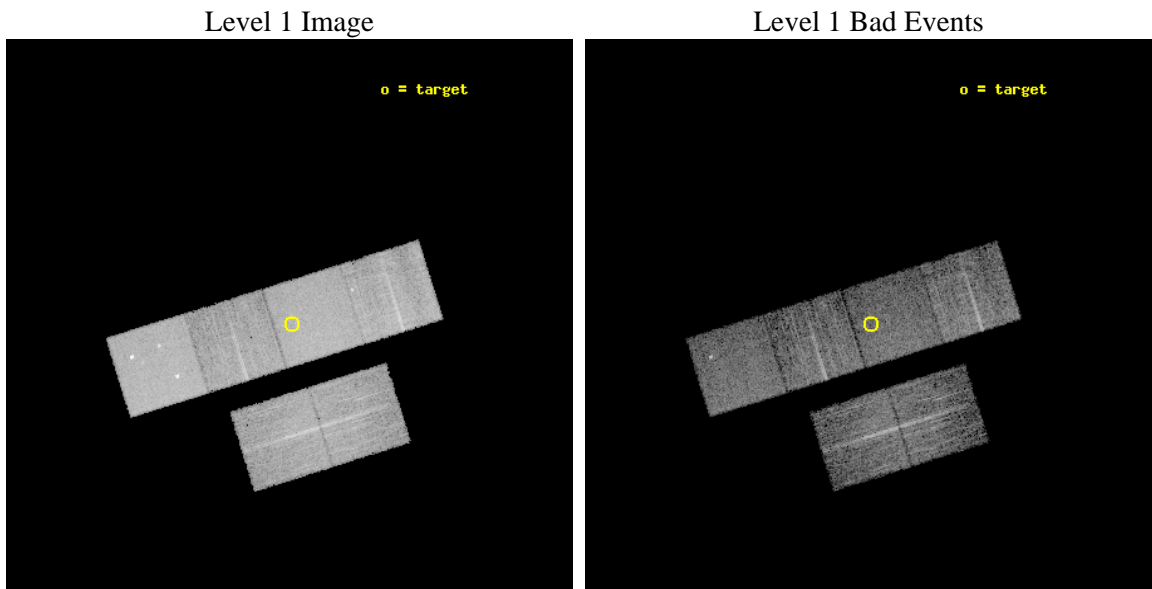
seq_num	900879	Sequence number
obs_id	10511	Observation id
title	ChIcAGO: Chandra Identification of ASCA Galactic Objects	Proposal
observer	Prof. Bryan Gaensler	Principal investigator
object	AX J195006+2628	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	297.527083	Observer's specified target RA [deg]
dec_targ	26.472	Observer's specified target Dec [deg]
ra_nom	297.5322309621	Nominal RA [deg]
dec_nom	26.473273092802	Nominal Dec [deg]
roll_nom	342.69643055874	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5420.7999798656	Sum of GTIs [s]
livetime	5352.1585465066	Livetime [s]
ontime2	5420.7999798656	Sum of GTIs [s]
ontime3	5420.7999798656	Sum of GTIs [s]
ontime5	5420.7999798656	Sum of GTIs [s]
ontime6	5420.7999798656	Sum of GTIs [s]
ontime7	5420.7999798656	Sum of GTIs [s]
ontime8	5420.7999798656	Sum of GTIs [s]
l2events	105177	Number of level 2 events



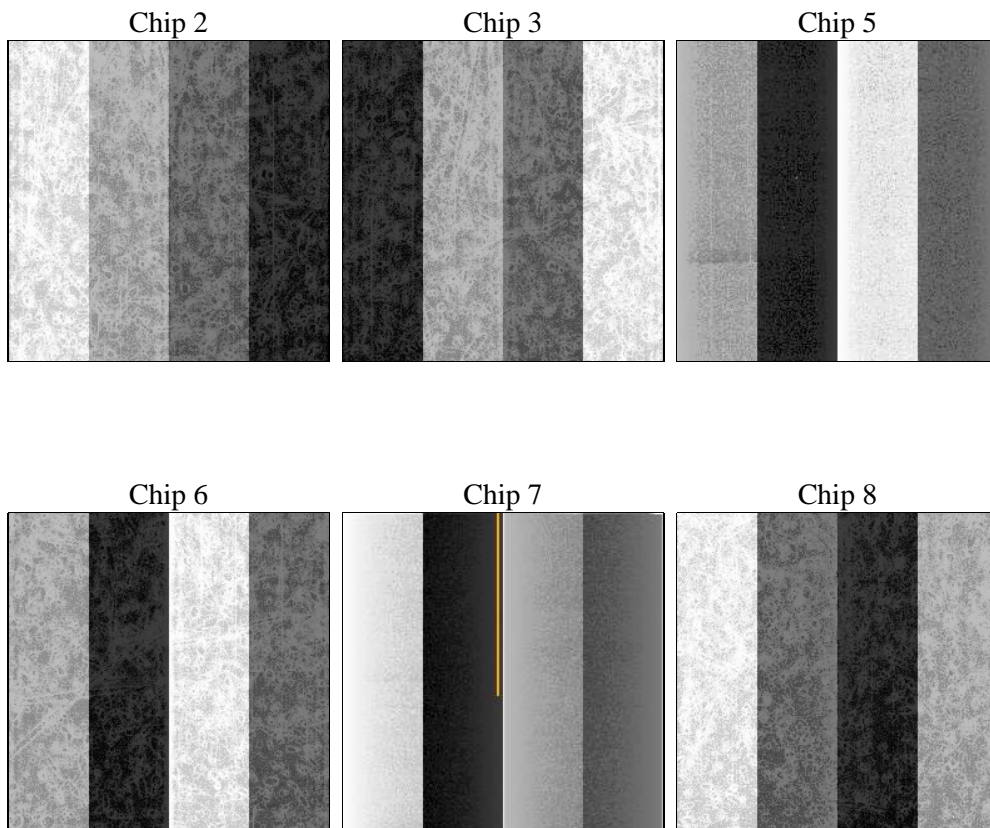
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5400.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5420.7999798656	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	5420.7999798656	Sum of GTIs [s]
date	2012-05-28T11:48:43	Date and time of file creation	ontime3	5420.7999798656	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	5420.7999798656	Sum of GTIs [s]
			ontime6	5420.7999798656	Sum of GTIs [s]
			ontime7	5420.7999798656	Sum of GTIs [s]
			ontime8	5420.7999798656	Sum of GTIs [s]
			l1events	409507	Number of level 1 events

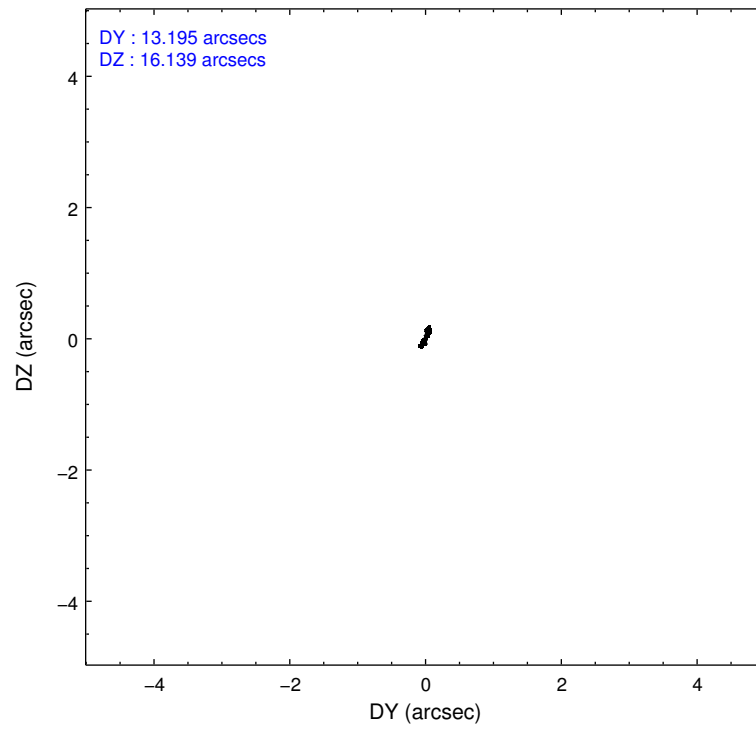
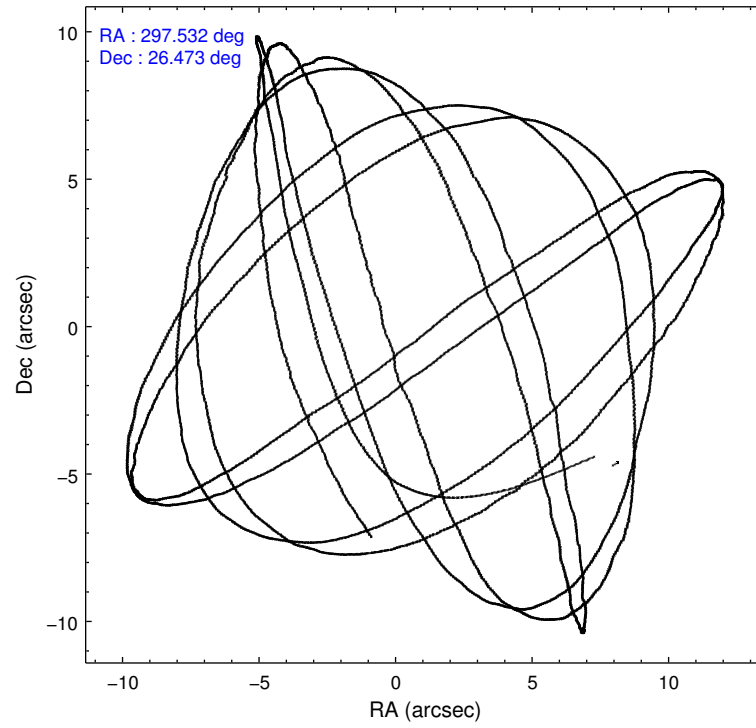
2.1.4 Events

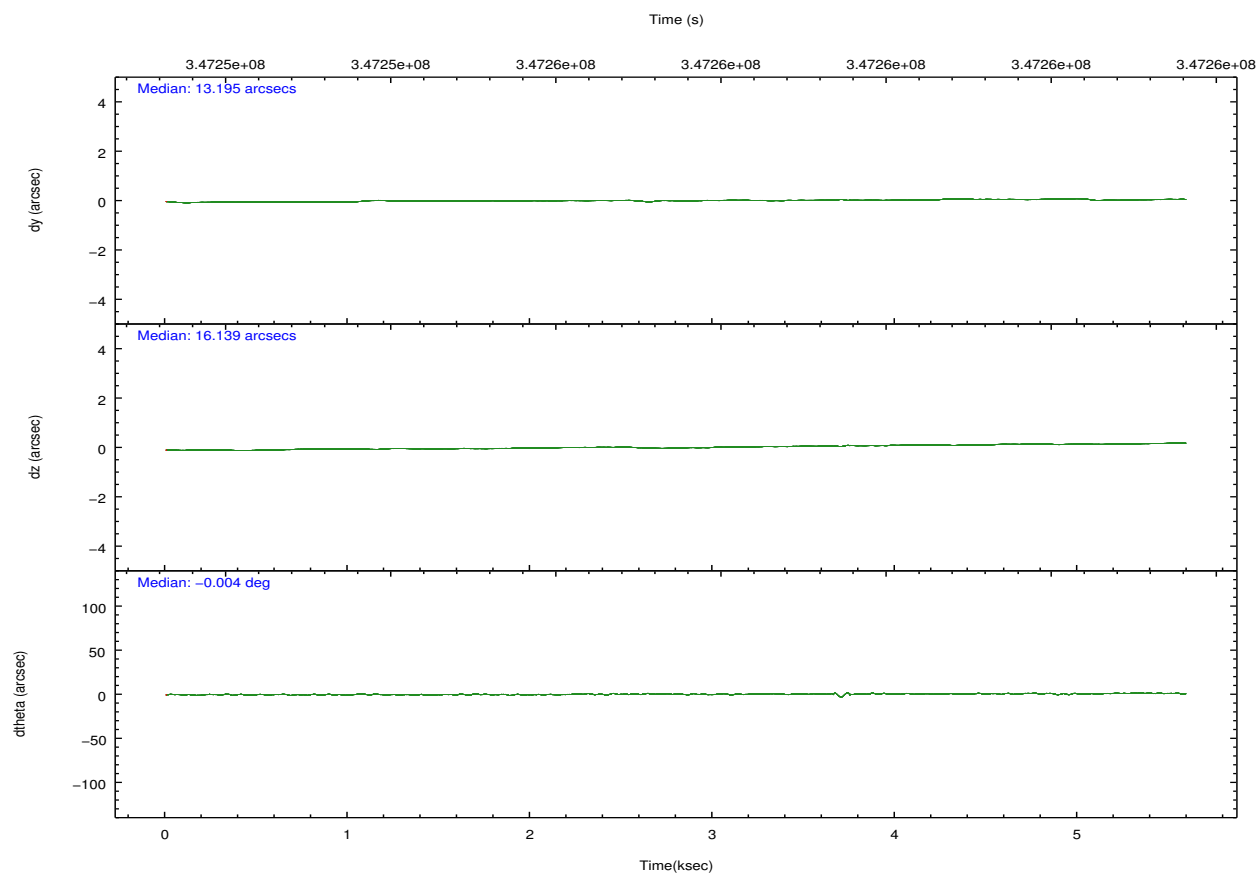
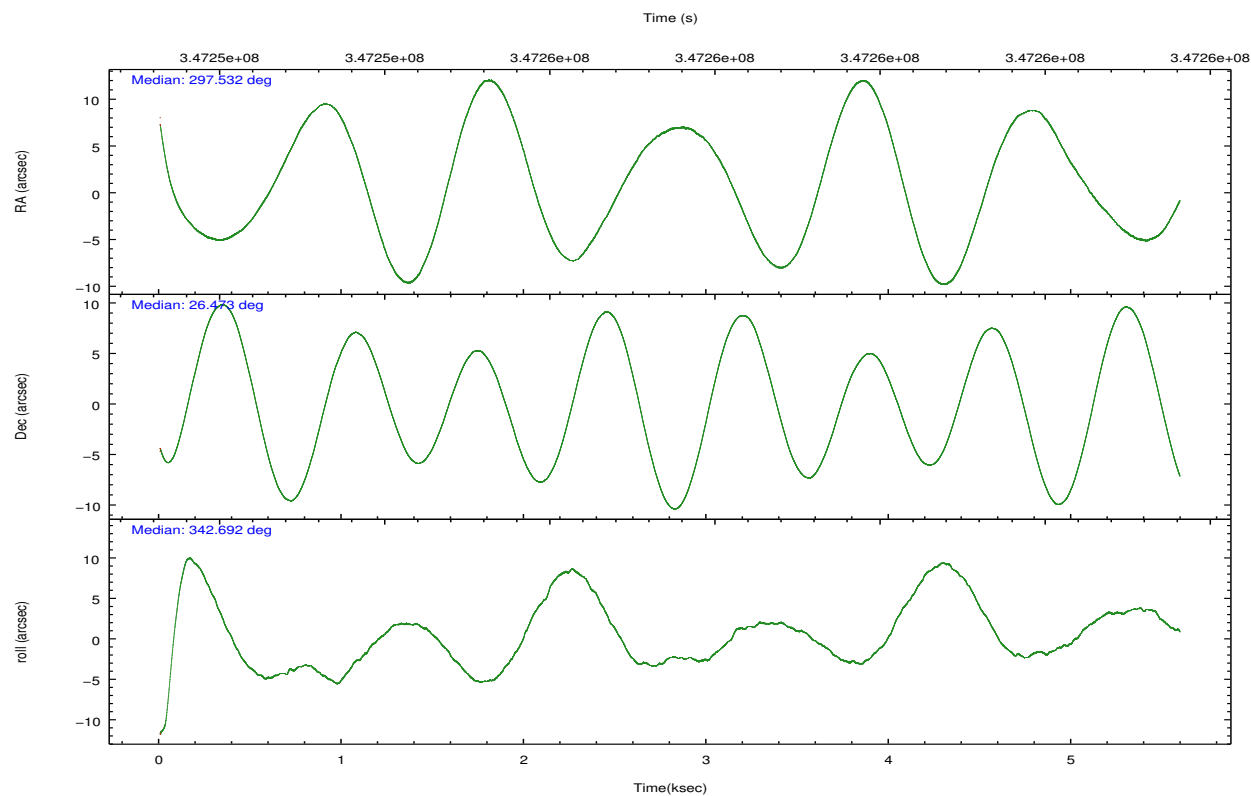
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	57593	54288	89002	56763	78720	73141	grade 0 events	4438	4427	4107	4156	3011	7017
rejected events	48918	45570	46702	47900	44024	54454		7%	8%	4%	7%	3%	9%
rejected %	84%	83%	52%	84%	55%	74%	grade 1 events	41	49	137	41	82	81
								0%	0%	0%	0%	0%	0%
							grade 2 events	1684	1554	13557	1881	7126	3851
								2%	2%	15%	3%	9%	5%
							grade 3 events	684	718	1448	644	2768	1844
								1%	1%	1%	1%	3%	2%
							grade 4 events	702	728	1398	637	2812	1755
								1%	1%	1%	1%	3%	2%
							grade 5 events	2247	2617	6049	2553	7025	3552
								3%	4%	6%	4%	8%	4%
							grade 6 events	1174	1299	21813	1560	19003	4233
								2%	2%	24%	2%	24%	5%
							grade 7 events	46623	42896	40493	45291	36893	50808
								80%	79%	45%	79%	46%	69%

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	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	297.502629	297.532230962095	CCD I2 on	O2	Y
[deg] Pointing Dec	26.466824	26.47327309280188	CCD I3 on	O3	Y
[deg] Pointing Roll	342.553034	342.696430558742	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O1	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O5	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	O4	Y
[s] Observation start time (MET)	347253129.184000	347252132.66498	CCD S5 on	N	N
Observation start date	2009-01-02T03:11:03	2009-01-02T02:55:32	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	347258529.184000	347259311.76533	On-chip summing requested	N	N
Observation end date	2009-01-02T04:41:03	2009-01-02T04:55:11	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



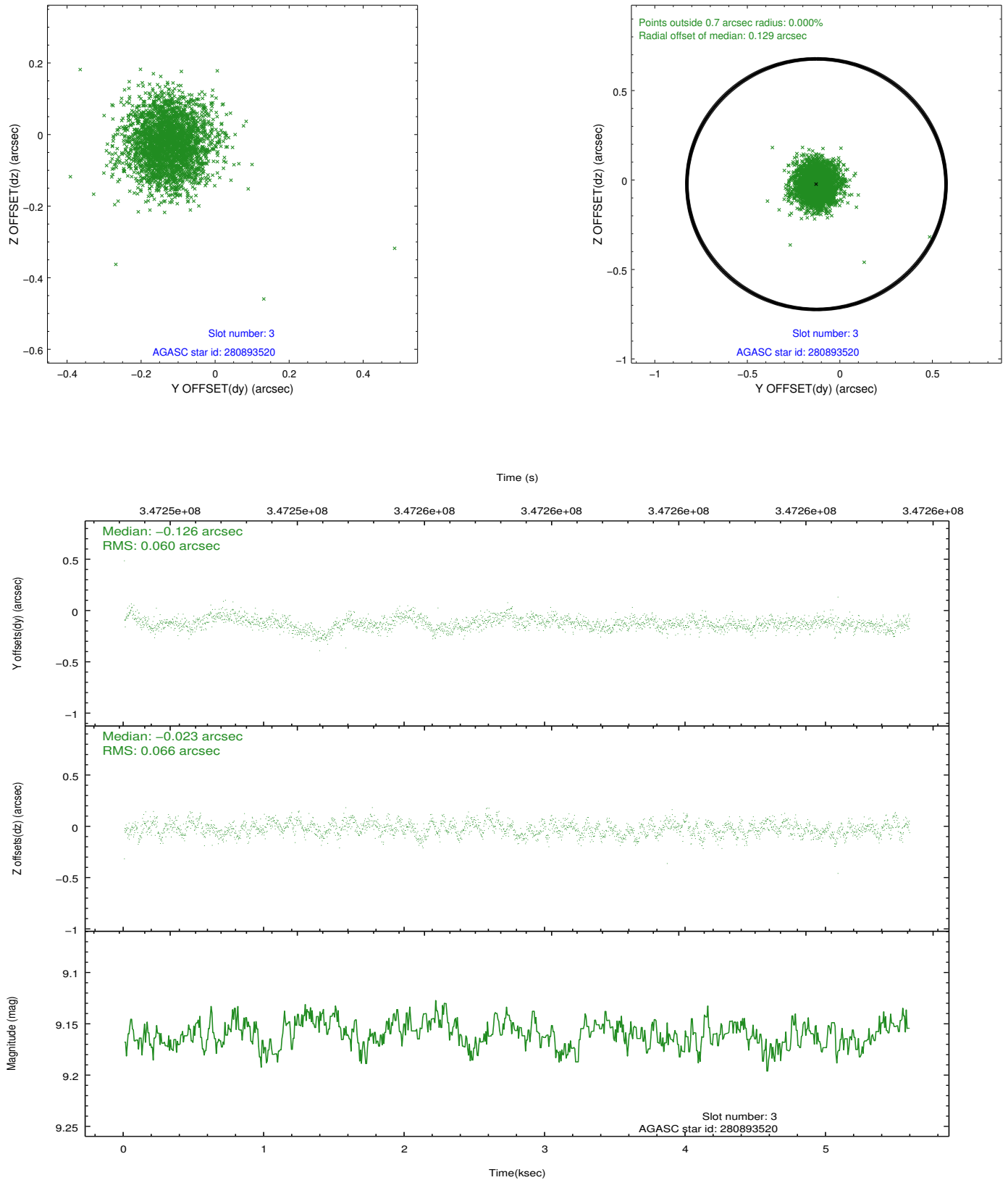


Slot Statistics

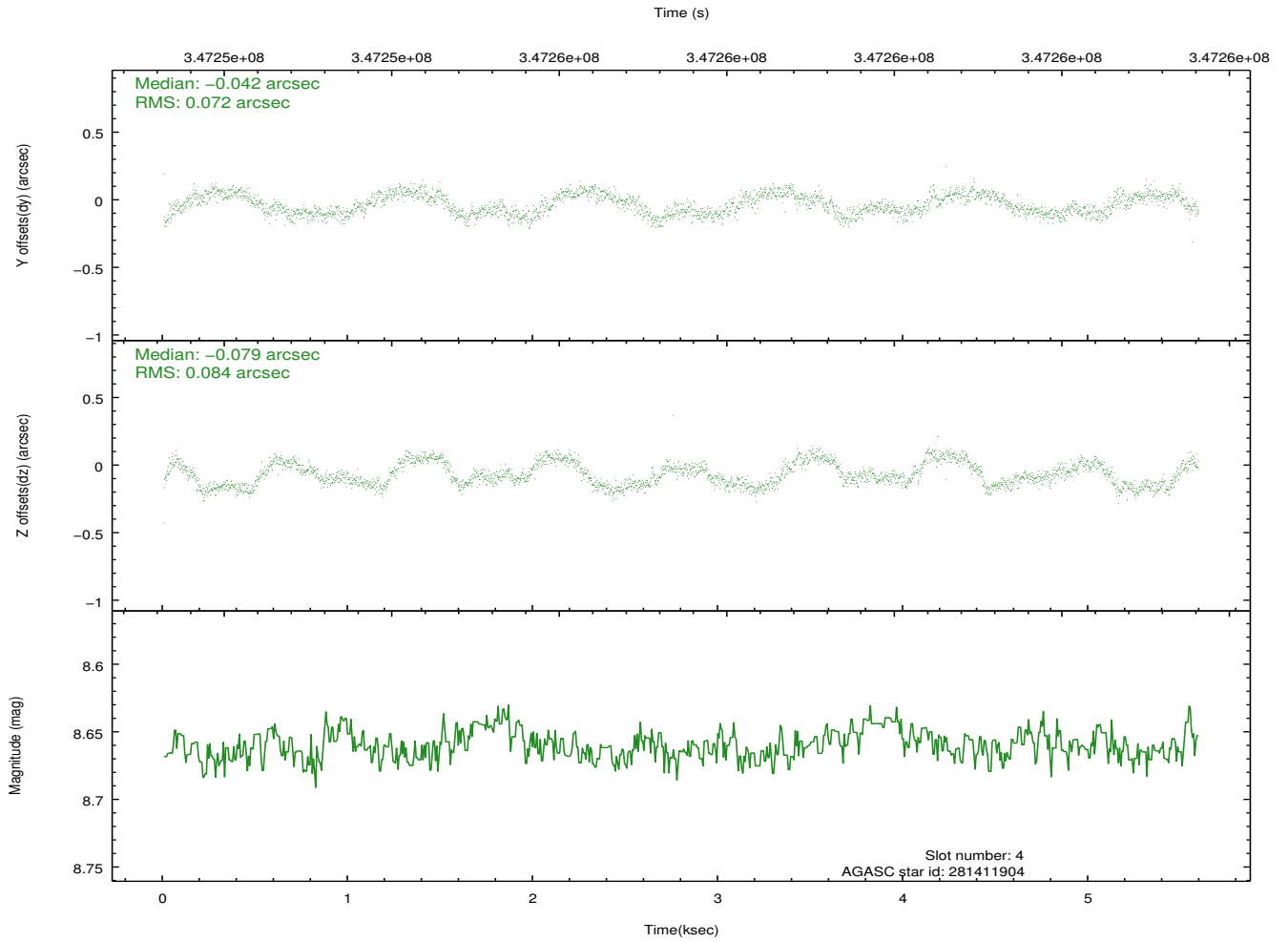
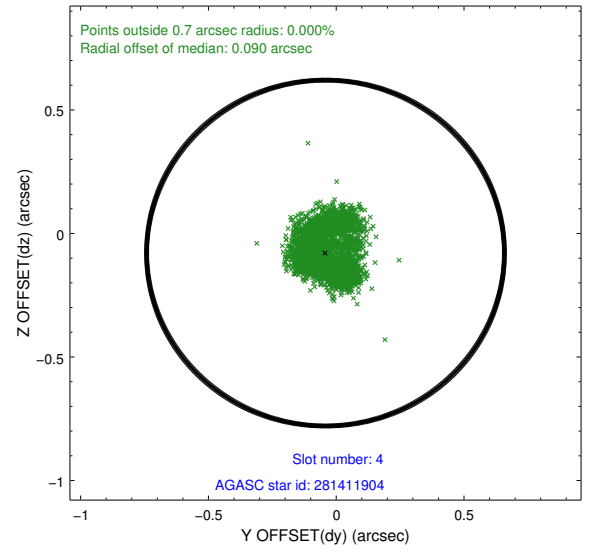
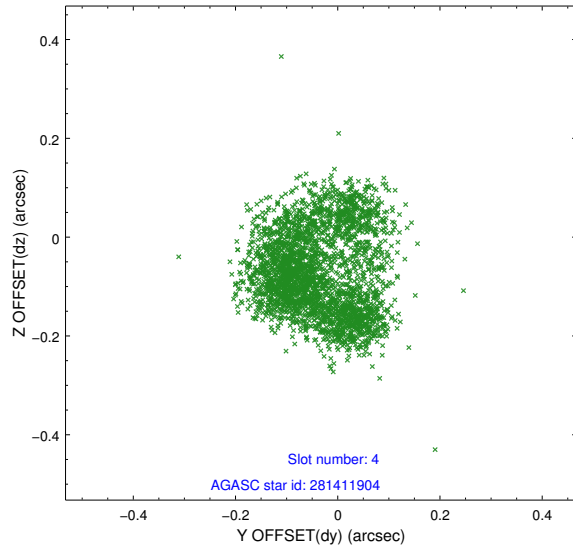
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	1364	-0.037	-0.014	0.008	0.013	0.000000	0.000000	-766.14	-1737.53
1	FID	ACIS-S-4	6.99	1364	0.156	0.022	0.006	0.010	0.000000	0.000000	2146.83	169.90
2	FID	ACIS-S-5	7.02	1364	-0.150	0.002	0.008	0.014	0.000000	0.000000	-1817.73	164.74
3	GUIDE	280893520	9.16	2726	-0.126	-0.023	0.094	0.152	296.655388	26.063808	-2181.00	-2197.37
4	GUIDE	281411904	8.66	2727	-0.042	-0.079	0.123	0.176	297.011825	26.903272	-1975.53	1028.32
5	GUIDE	281554200	9.11	2723	0.166	0.051	0.087	0.145	298.082677	26.729285	1494.62	1465.09
6	GUIDE	281555784	7.41	2726	-0.169	0.052	0.051	0.081	297.614332	26.697854	94.21	901.83
7	GUIDE	281018616	7.94	2726	0.166	-0.006	0.078	0.129	297.905021	26.225639	1500.25	-436.41

2.4 Star Slots

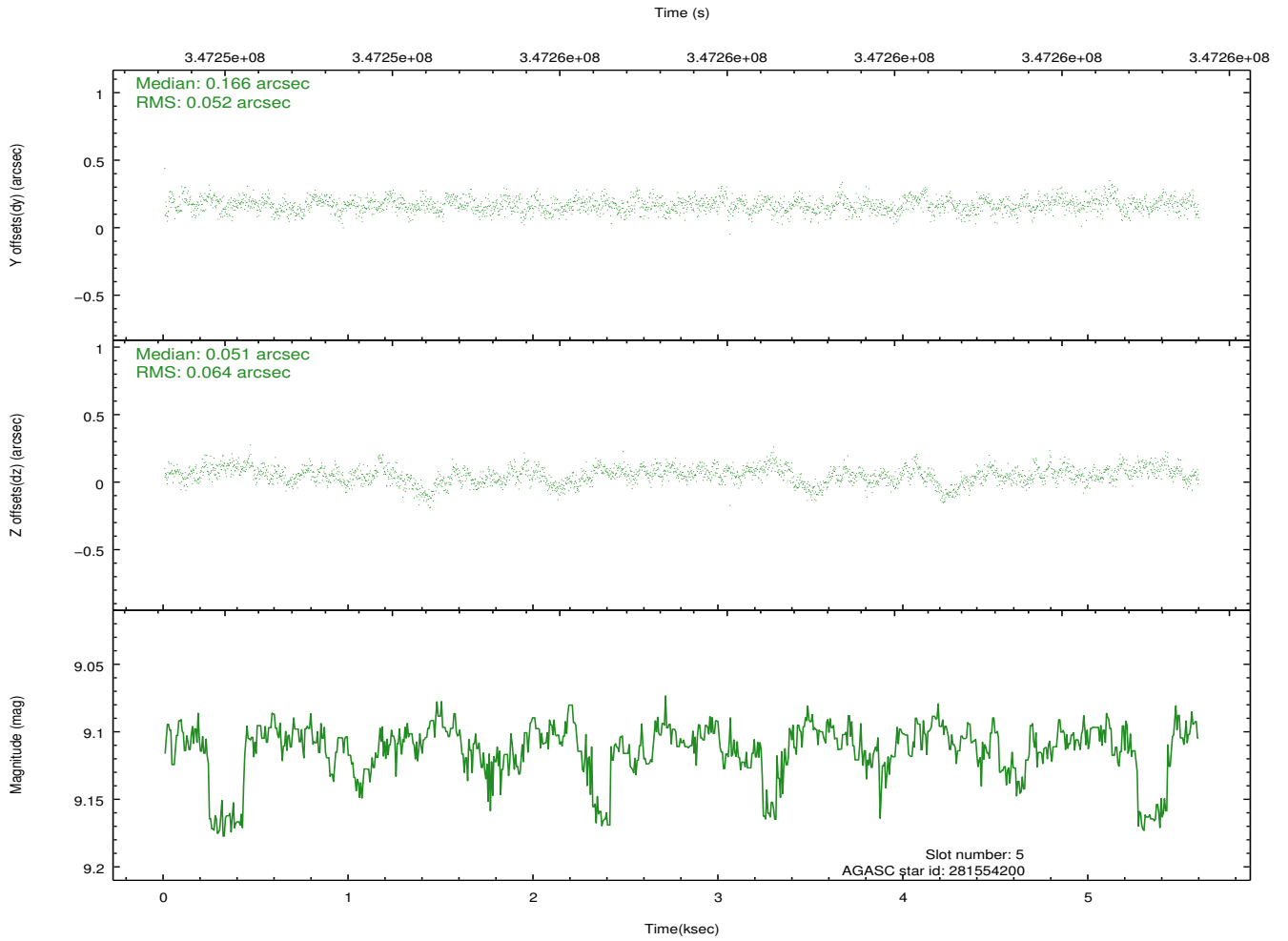
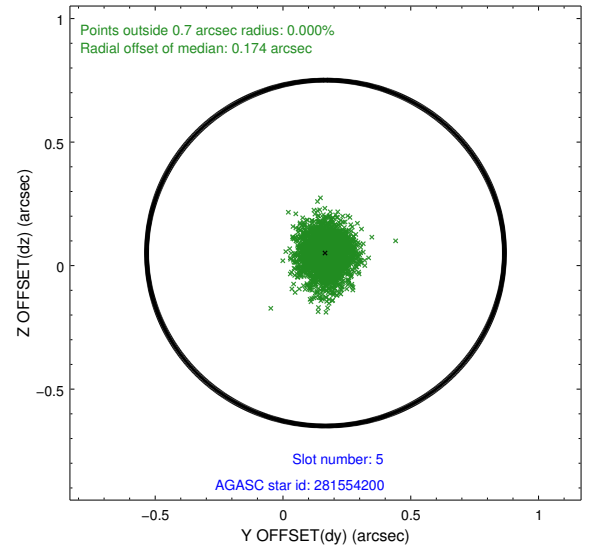
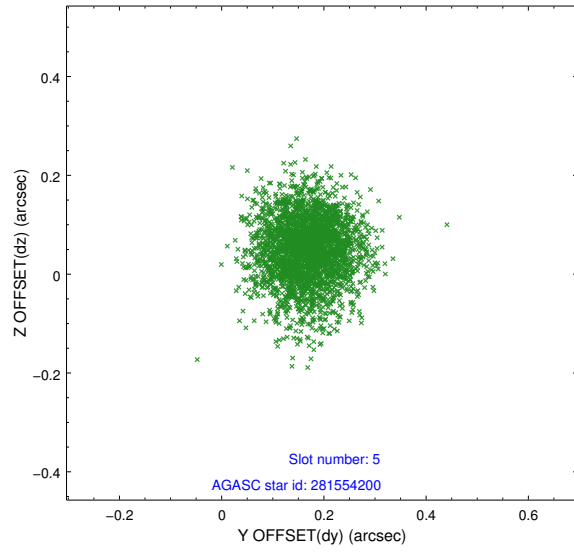
2.4.1 Slot 3



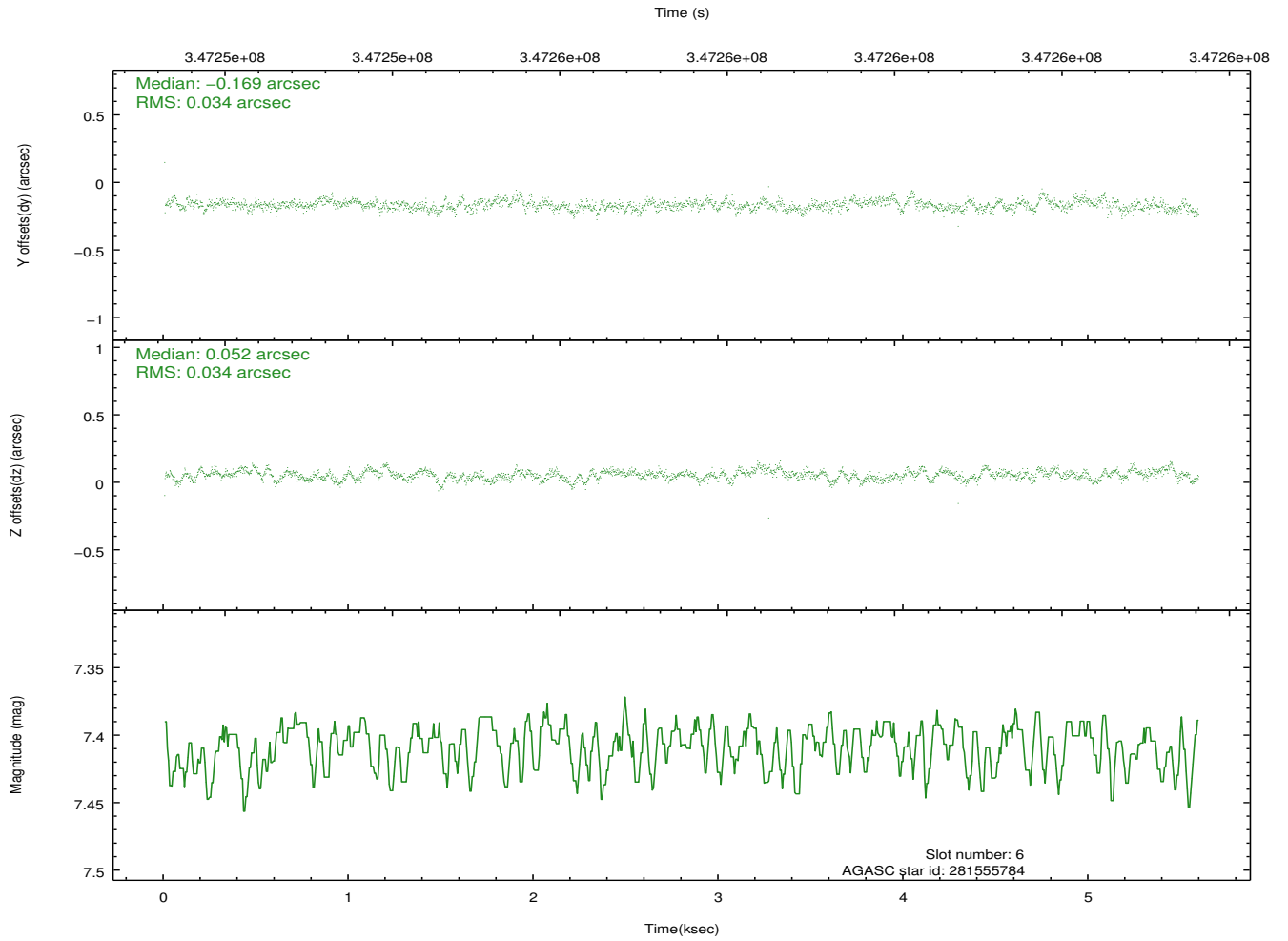
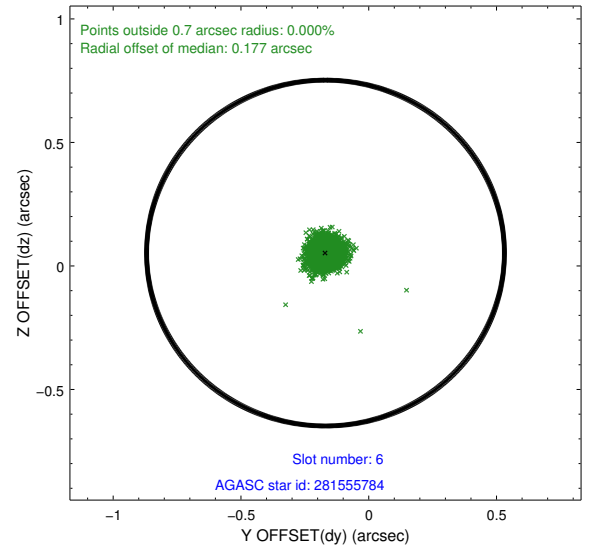
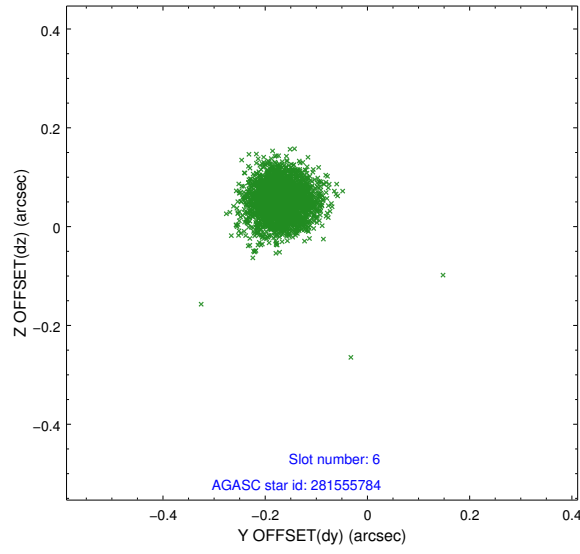
2.4.2 Slot 4



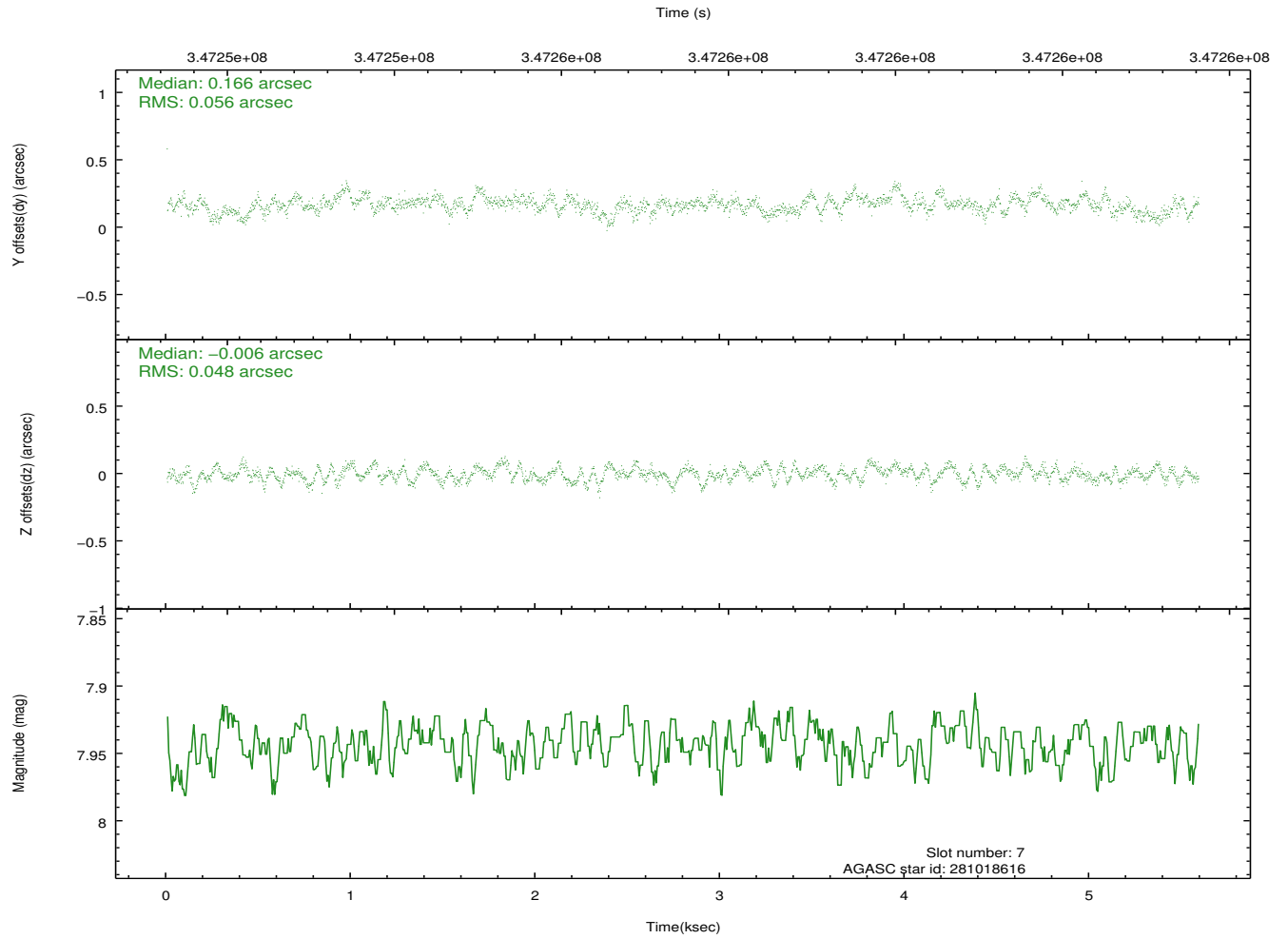
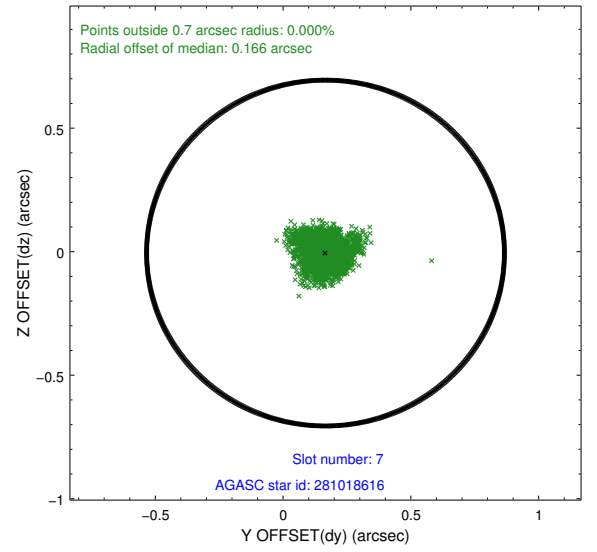
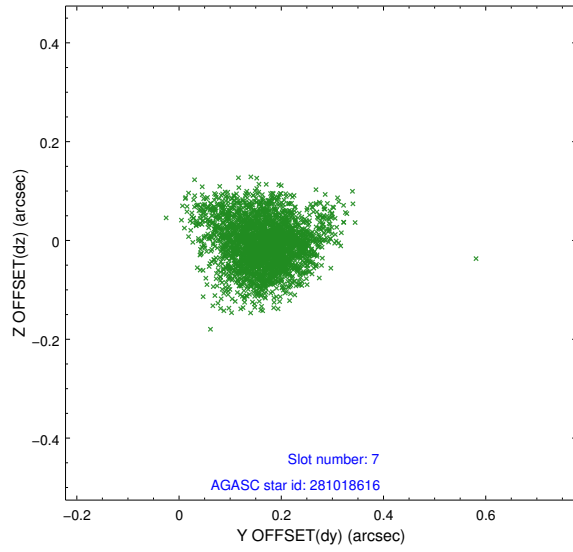
2.4.3 Slot 5



2.4.4 Slot 6

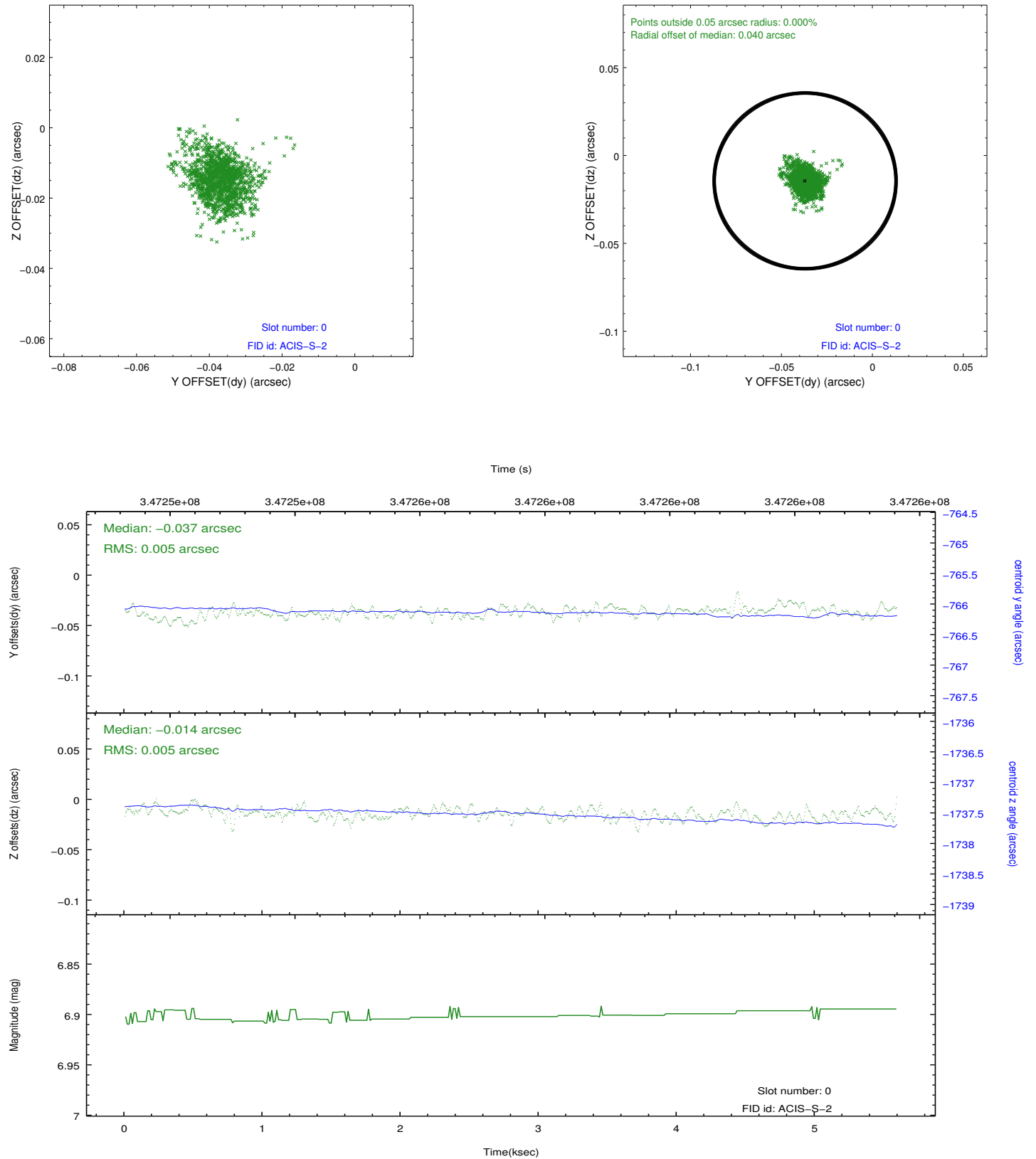


2.4.5 Slot 7

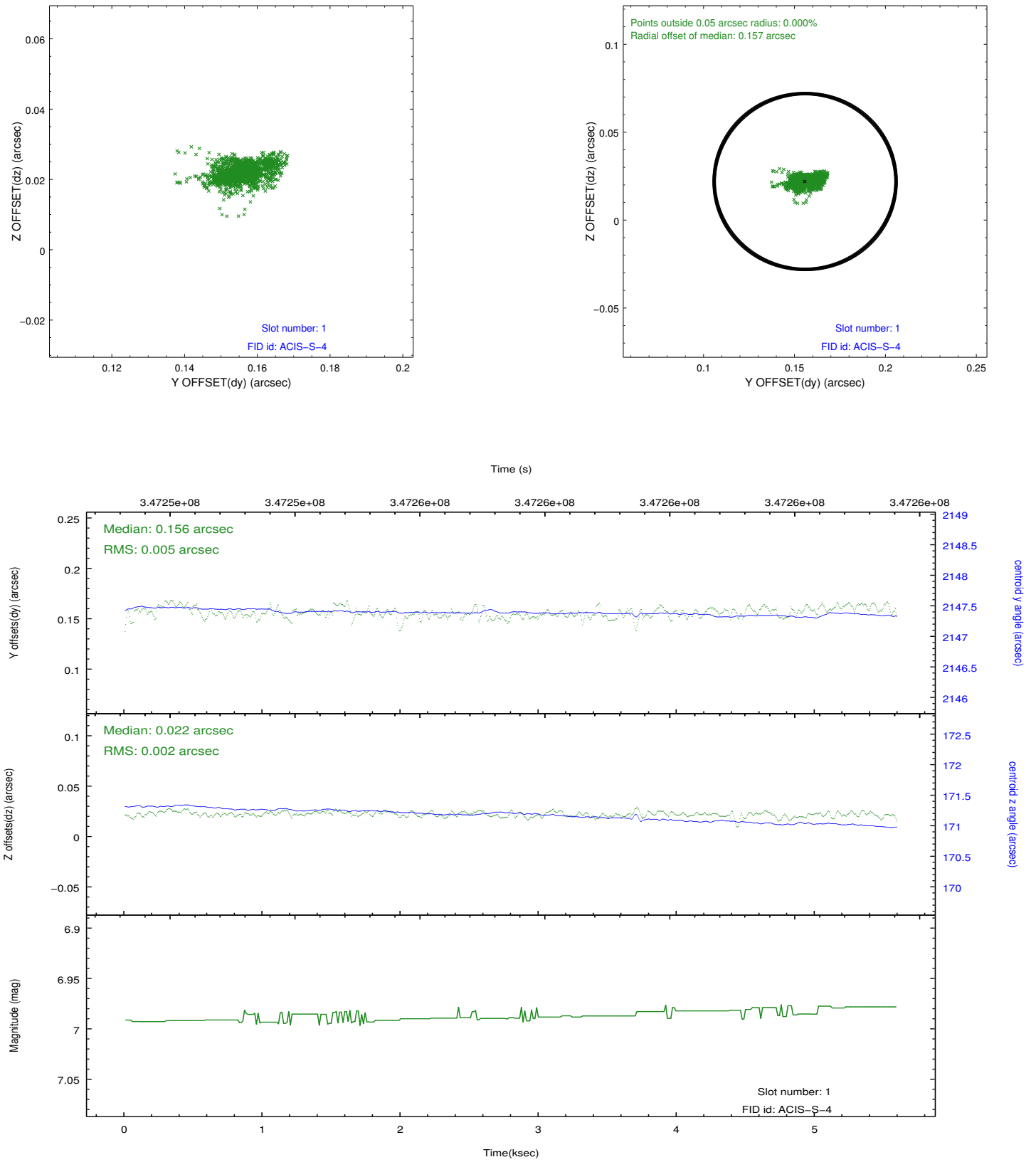


2.5 FID Slots

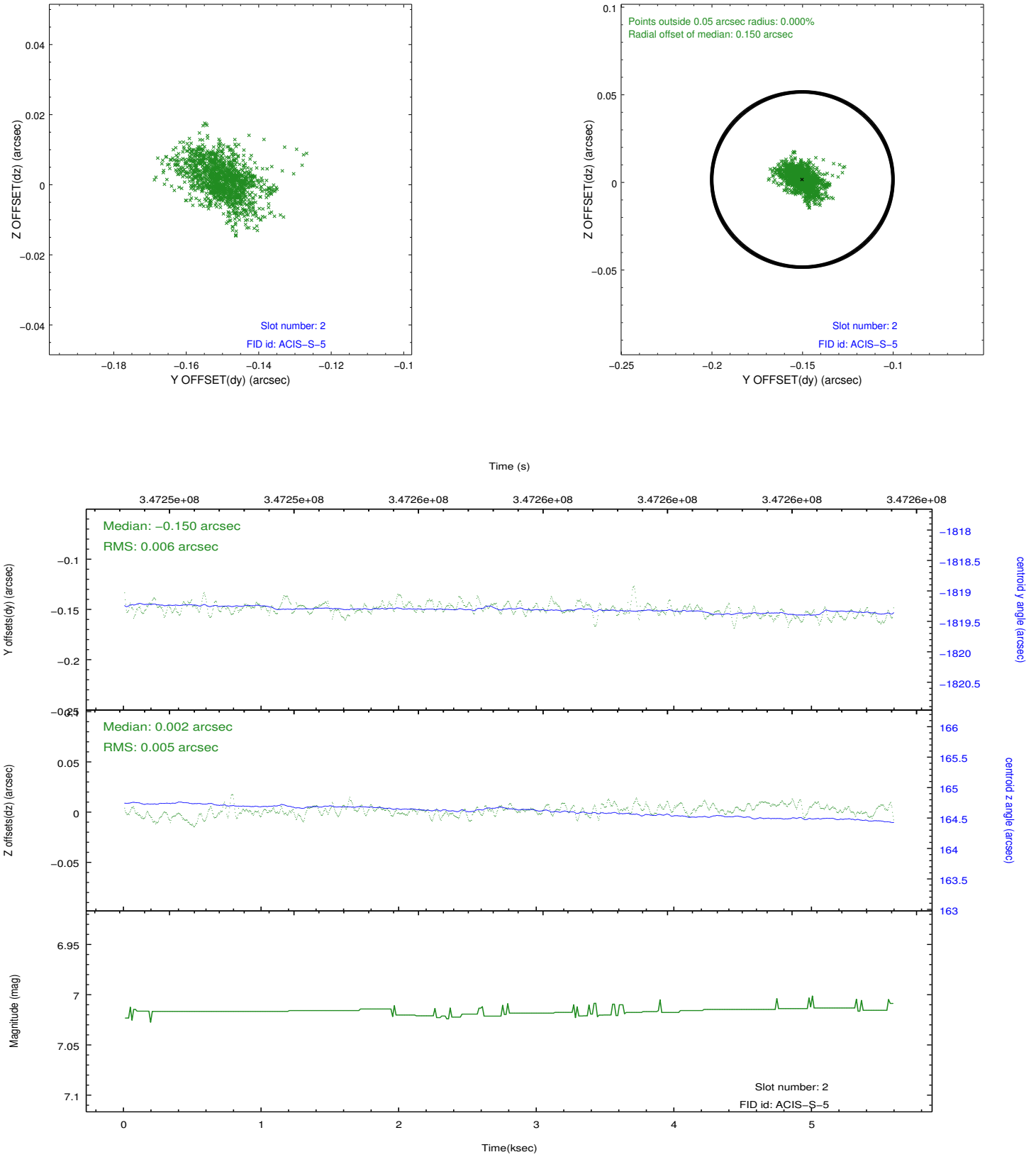
2.5.1 Slot 0



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)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.42079997

A.2 Comments