

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11699 - L2 Version 2
Chandra X-Ray Center

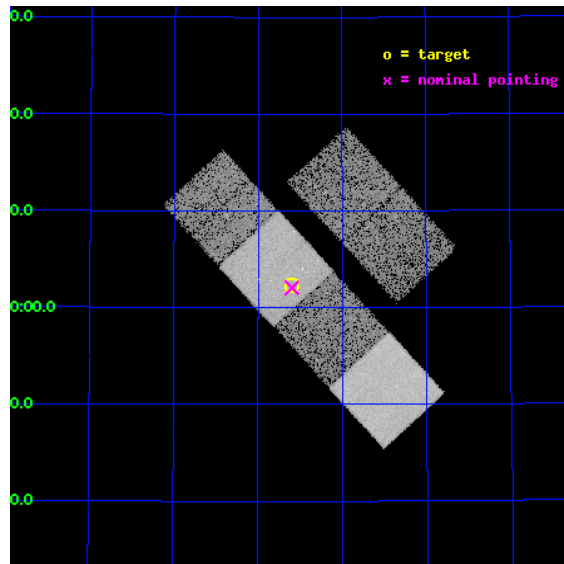
L2 Processing Date : Jun 29 2012

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1 Front

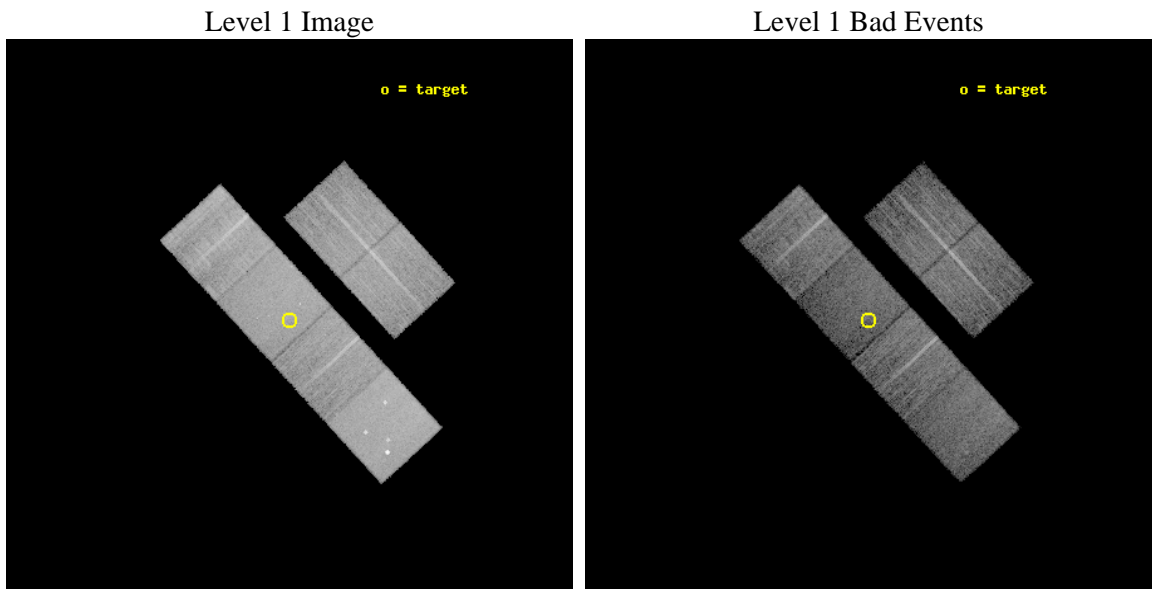
seq_num	702284	Sequence number
obs_id	11699	Observation id
title	After the Fall: Fading AGN in Post-starburst Galaxies	Proposal tit
observer	Dr. Christy Tremonti	Principal investigator
object	SDSS J150636.30+540220.9	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	226.65125	Observer's specified target RA [deg]
dec_targ	54.039139	Observer's specified target Dec [deg]
ra_nom	226.64959161408	Nominal RA [deg]
dec_nom	54.034341969805	Nominal Dec [deg]
roll_nom	227.34265467273	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10918.399959385	Sum of GTIs [s]
lvertime	10780.144604828	Livetime [s]
ontime2	10918.399959385	Sum of GTIs [s]
ontime3	10918.399959385	Sum of GTIs [s]
ontime5	10918.399959385	Sum of GTIs [s]
ontime6	10918.399959385	Sum of GTIs [s]
ontime7	10918.399959385	Sum of GTIs [s]
ontime8	10918.399959385	Sum of GTIs [s]
l2events	131567	Number of level 2 events



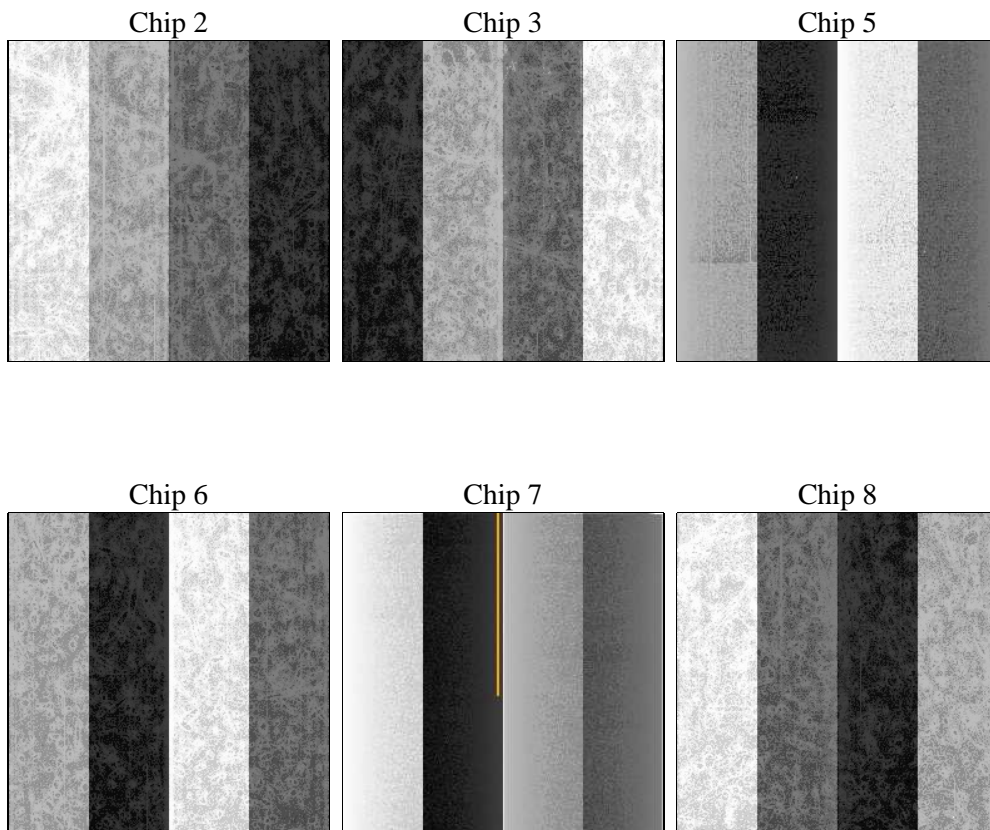
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10871.266000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10918.399959385	Sum of GTIs [s]
caldbver	4.5.0	 	ontime2	10918.399959385	Sum of GTIs [s]
date	2012-06-29T09:55:29	Date and time of file creation	ontime3	10918.399959385	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	10918.399959385	Sum of GTIs [s]
			ontime6	10918.399959385	Sum of GTIs [s]
			ontime7	10918.399959385	Sum of GTIs [s]
			ontime8	10918.399959385	Sum of GTIs [s]
			l1events	567364	Number of level 1 events

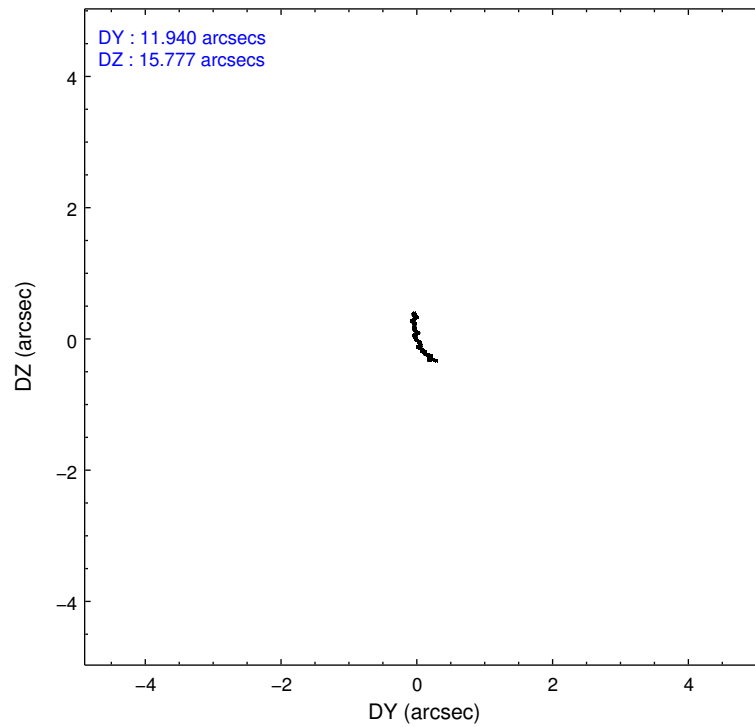
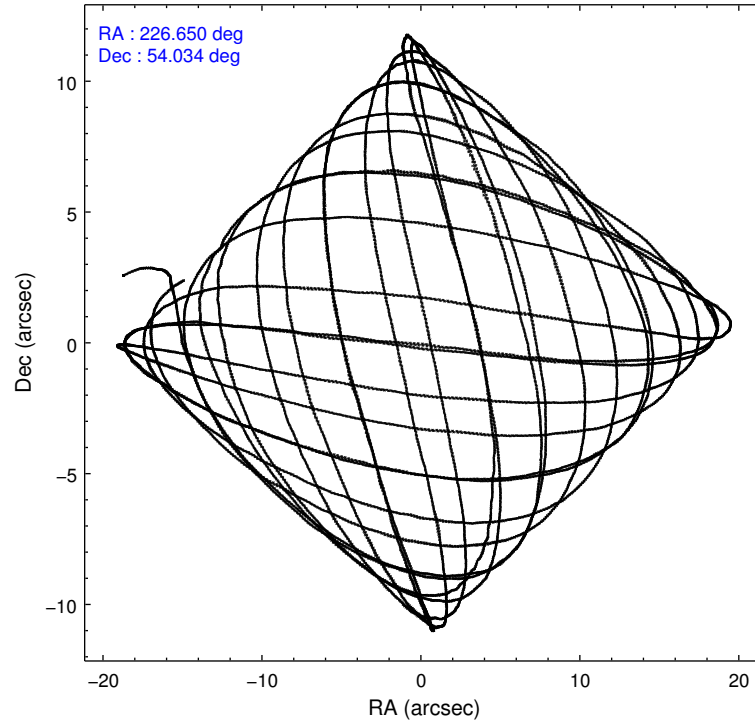
2.1.4 Events

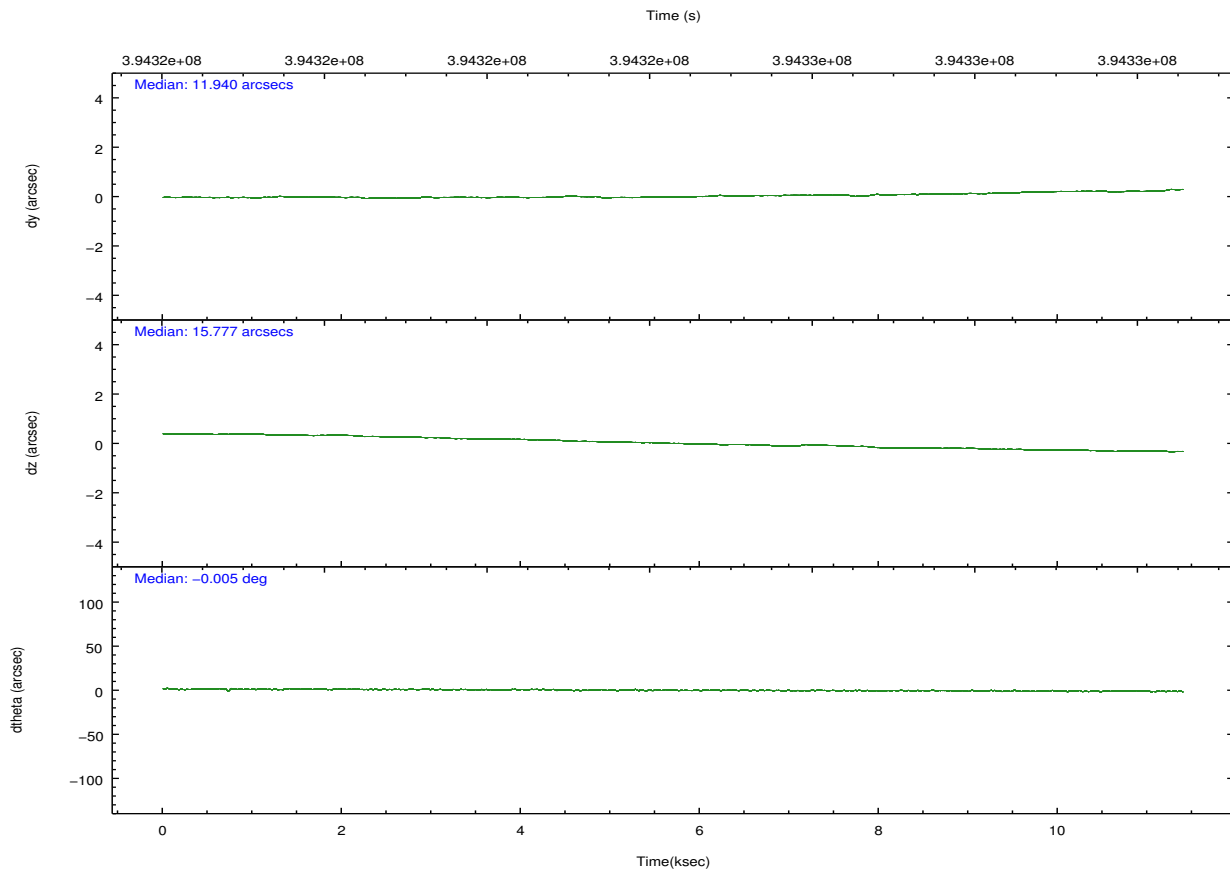
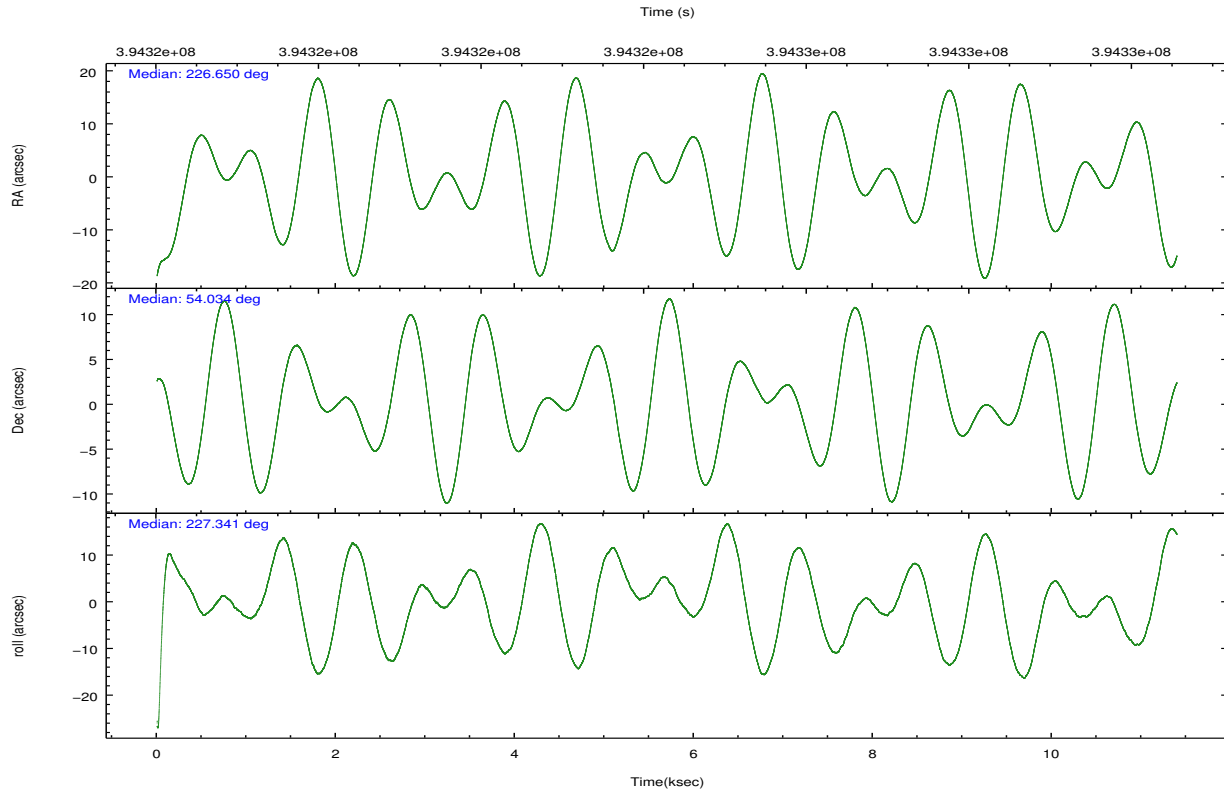
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	81831	76194	124495	80084	97920	106840	grade 0 events	2996	2980	7283	3153	4371	8803
rejected events	73151	67904	61085	71027	53314	78077		3%	3%	5%	3%	4%	8%
rejected %	89%	89%	49%	88%	54%	73%	grade 1 events	50	43	269	39	136	114
								0%	0%	0%	0%	0%	0%
							grade 2 events	2231	1814	20062	2031	9039	6721
								2%	2%	16%	2%	9%	6%
							grade 3 events	883	884	2452	920	4066	3087
								1%	1%	1%	1%	4%	2%
							grade 4 events	923	905	2409	965	3947	2926
								1%	1%	1%	1%	4%	2%
							grade 5 events	3049	3519	9546	3574	10307	5279
								3%	4%	7%	4%	10%	4%
							grade 6 events	1652	1712	31250	1998	23209	7265
								2%	2%	25%	2%	23%	6%
							grade 7 events	70047	64337	51224	67404	42845	72645
								85%	84%	41%	84%	43%	67%

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	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	226.659264	226.6495916140804	CCD I2 on	O1	Y
[deg] Pointing Dec	54.061127	54.03434196980454	CCD I3 on	O2	Y
[deg] Pointing Roll	227.178252	227.3426546727329	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O4	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O5	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O3	Y
[s] Observation start time (MET)	394319126.184000	394317950.75549	CCD S5 on	N	N
Observation start date	2010-06-30T21:04:20	2010-06-30T20:45:50	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	394329997.184000	394330222.56862	On-chip summing requested	N	N
Observation end date	2010-07-01T00:05:31	2010-07-01T00:10:22	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



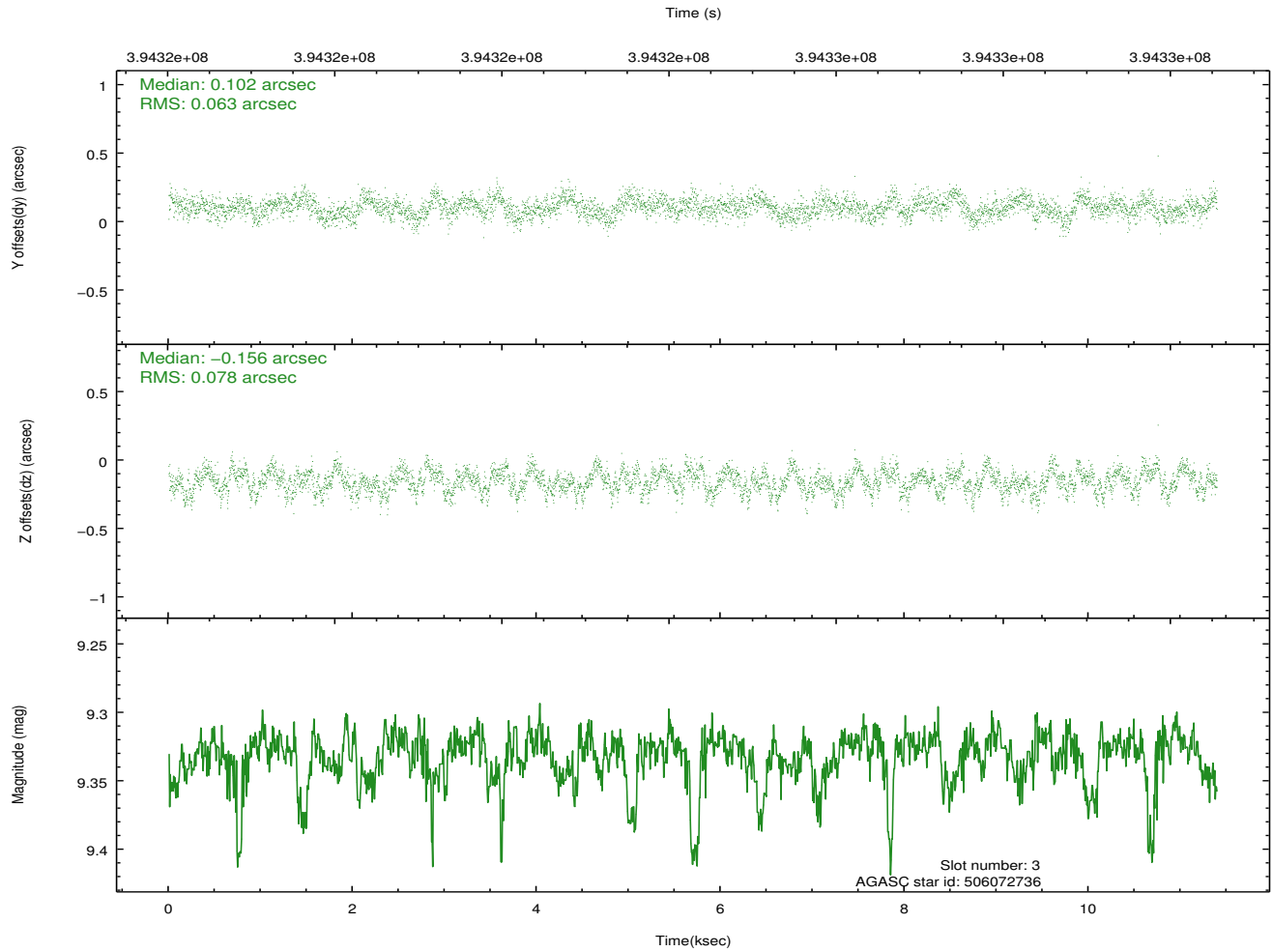
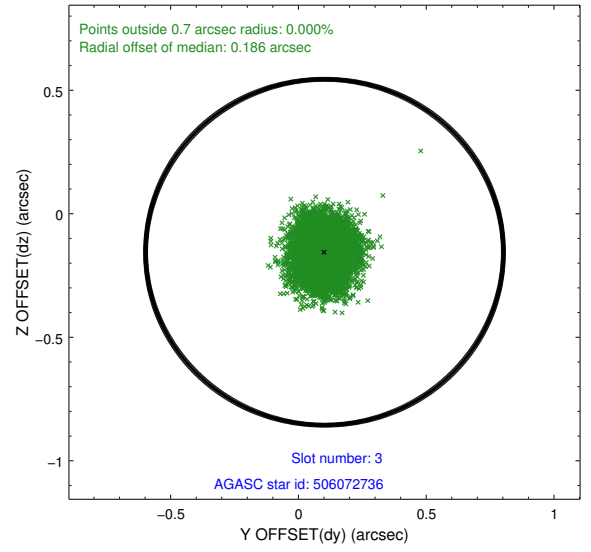
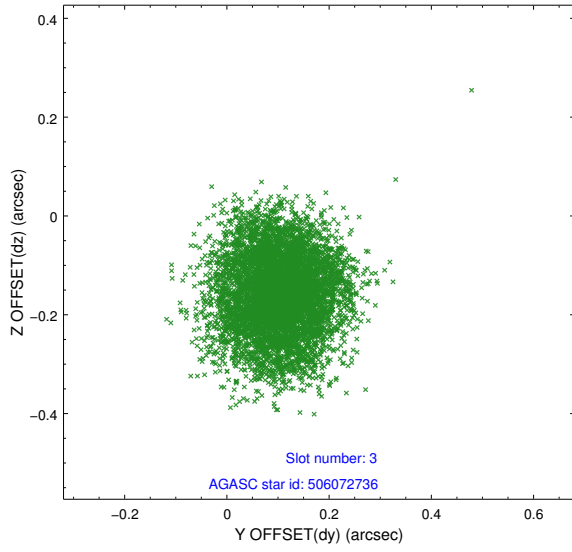


Slot Statistics

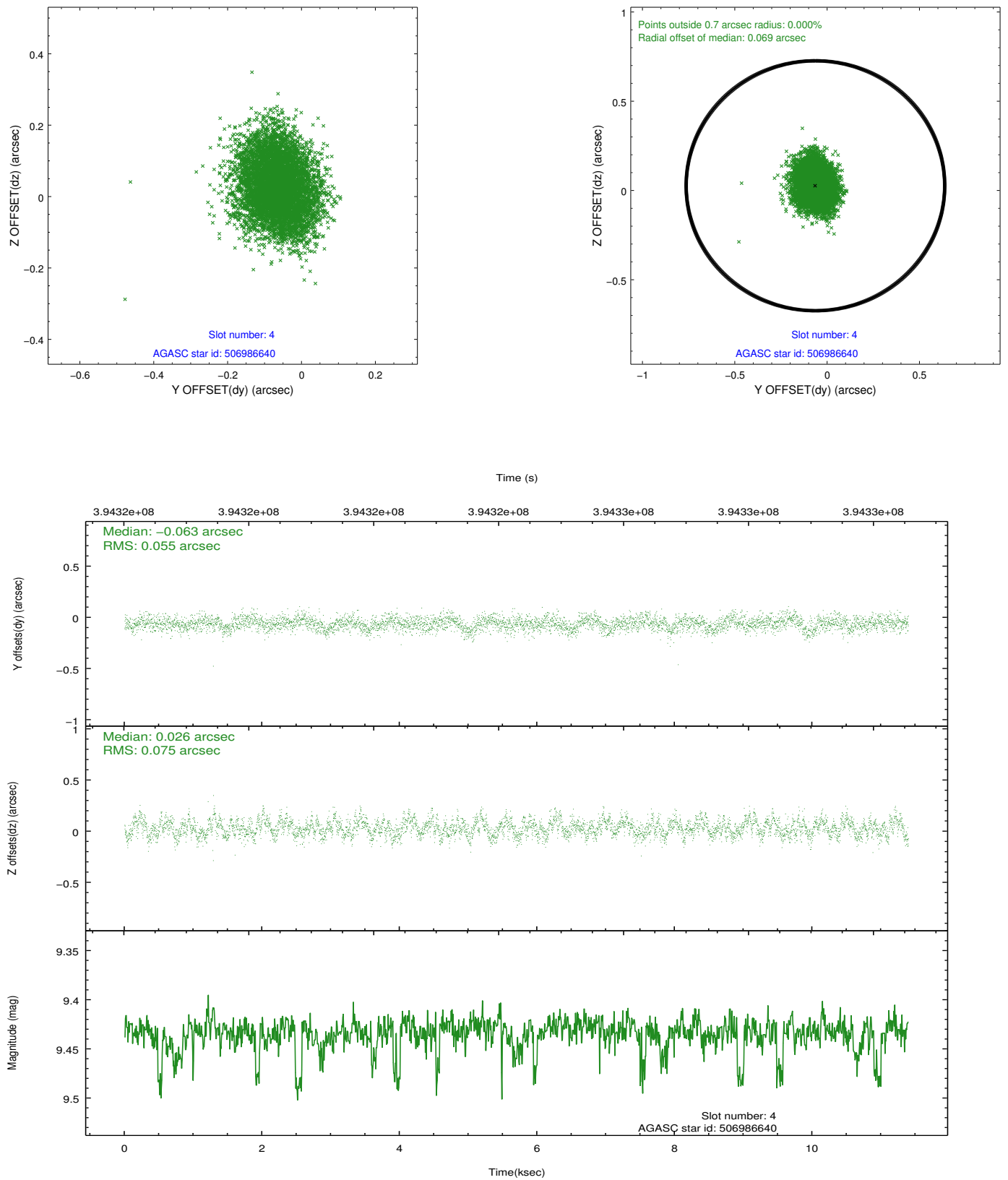
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	2780	-0.039	-0.004	0.008	0.015	0.000000	0.000000	-764.89	-1737.22
1	FID	ACIS-S-4	6.96	2778	0.118	0.019	0.008	0.015	0.000000	0.000000	2148.32	170.85
2	FID	ACIS-S-5	6.99	2780	-0.112	-0.007	0.007	0.016	0.000000	0.000000	-1817.25	164.97
3	GUIDE	506072736	9.33	5556	0.102	-0.156	0.109	0.170	226.482435	53.698100	1214.33	611.68
4	GUIDE	506986640	9.43	5559	-0.063	0.026	0.099	0.159	227.206185	53.879779	-313.07	1292.79
5	GUIDE	506988704	9.98	5536	0.080	0.040	0.123	0.199	226.965266	54.162482	-707.10	224.58
6	GUIDE	506992456	8.11	5560	0.014	0.030	0.063	0.103	226.712868	53.315873	1888.94	1908.74
7	GUIDE	506987496	8.63	5558	-0.140	0.060	0.088	0.145	228.154193	54.021196	-2068.33	2394.65

2.4 Star Slots

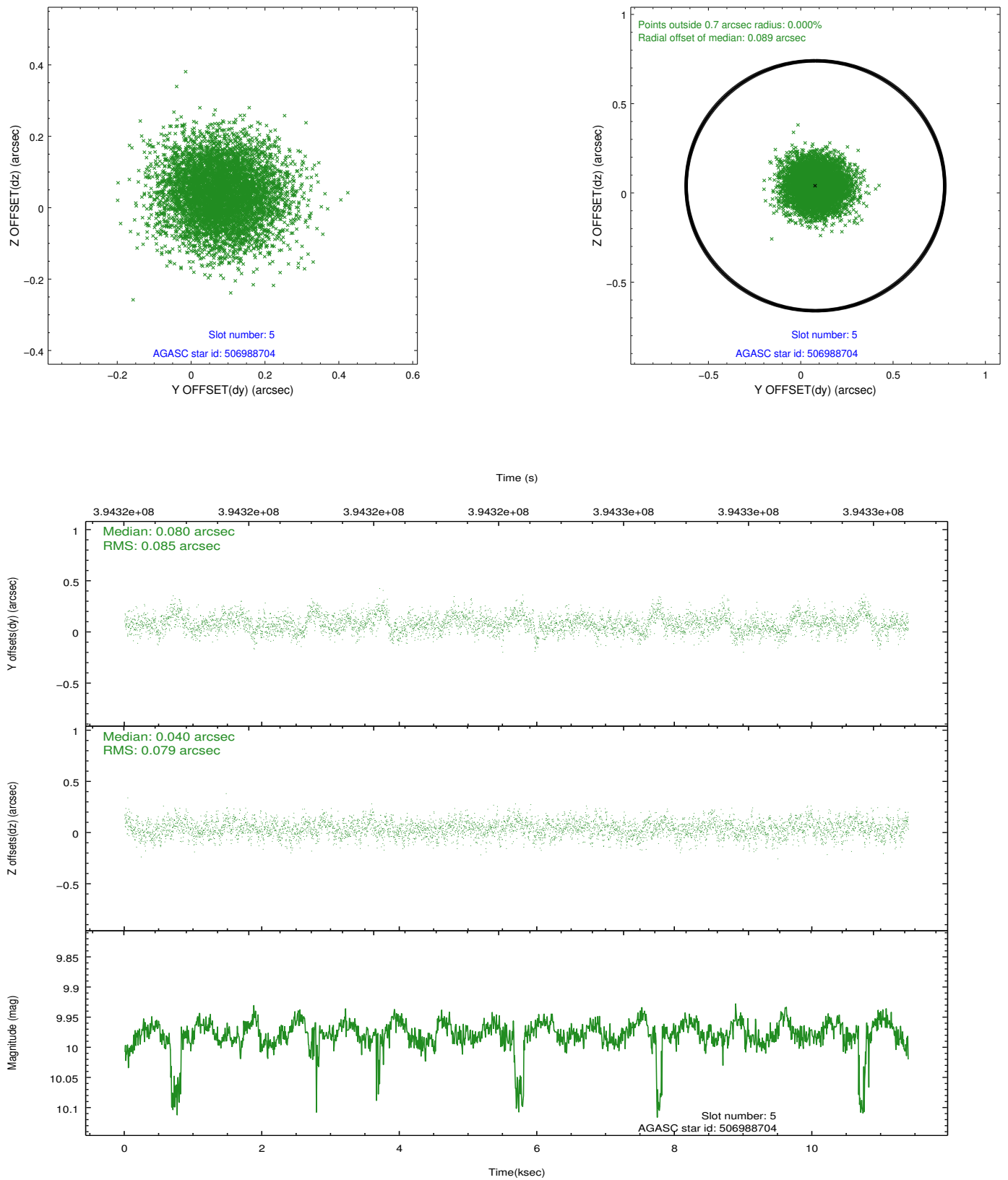
2.4.1 Slot 3



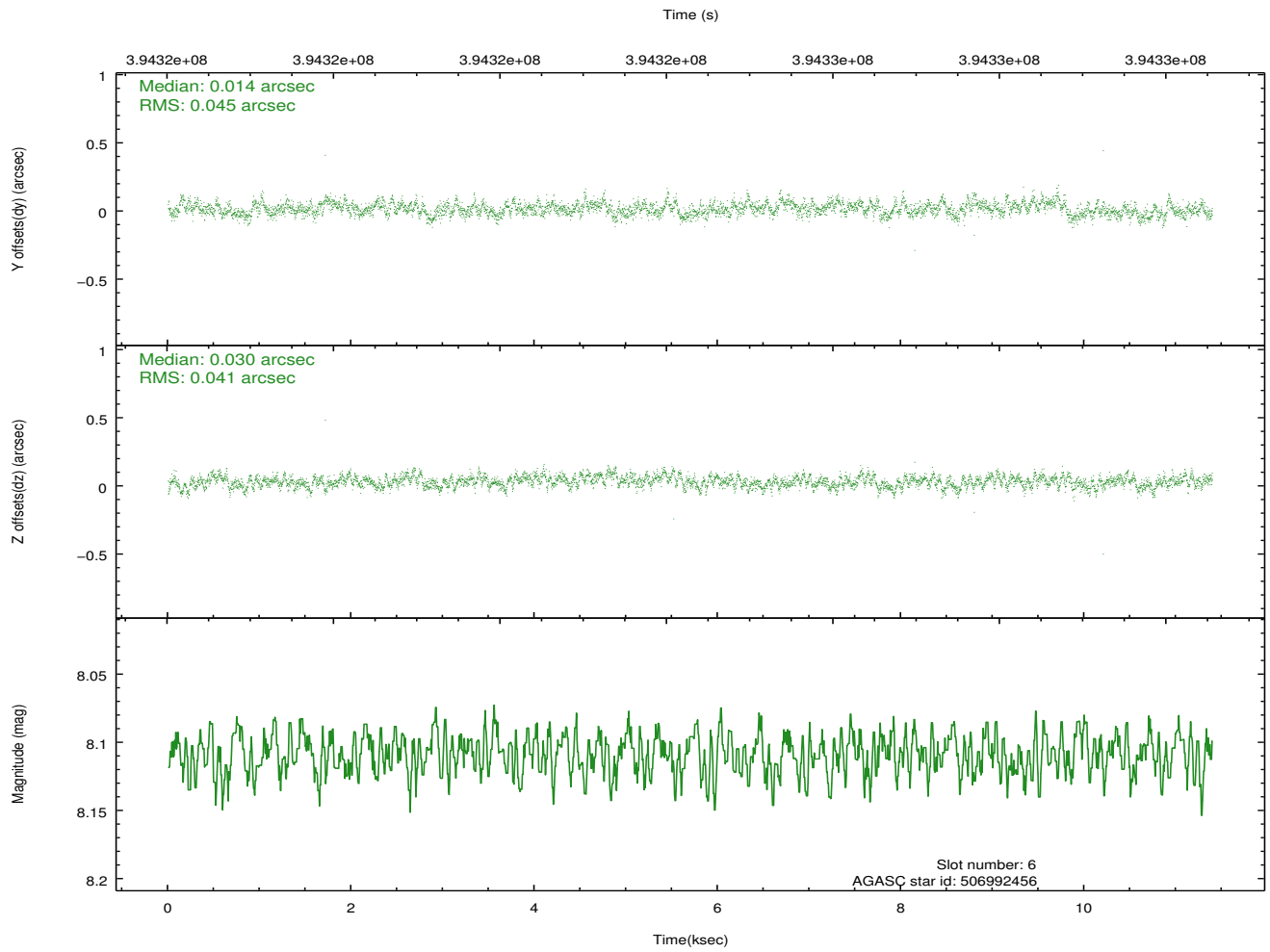
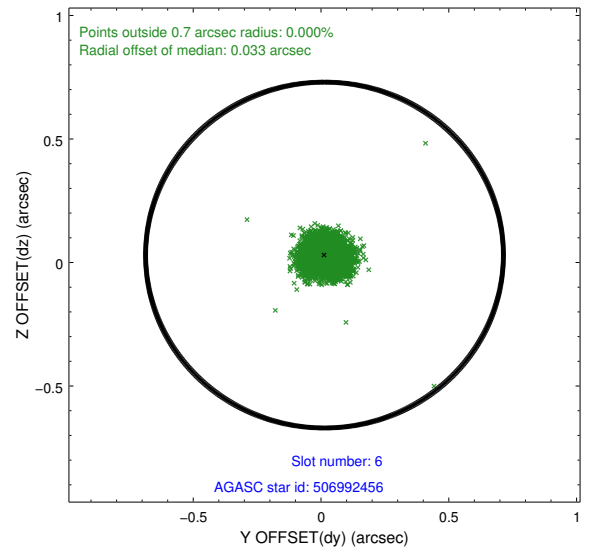
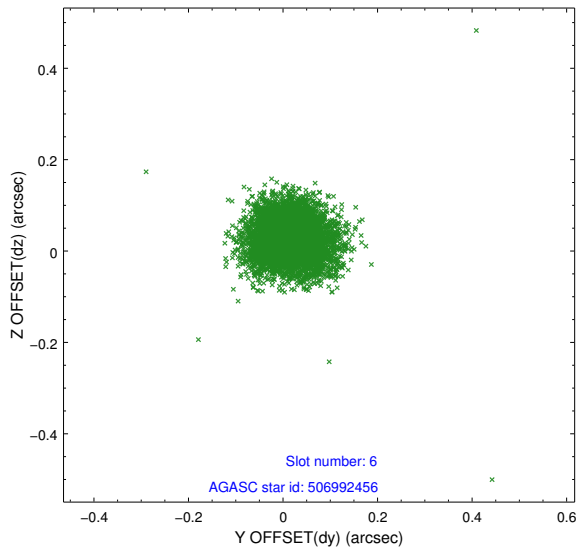
2.4.2 Slot 4



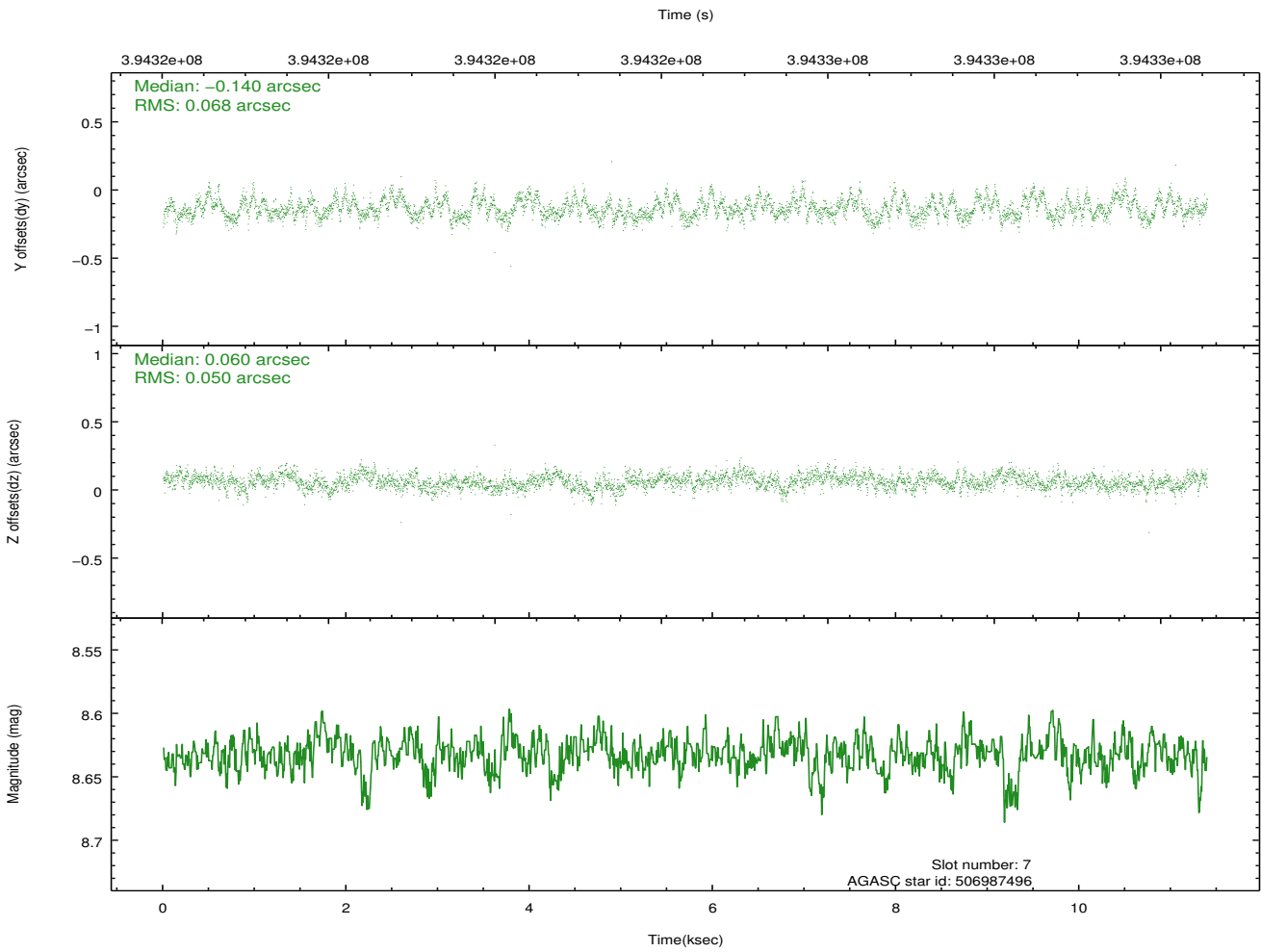
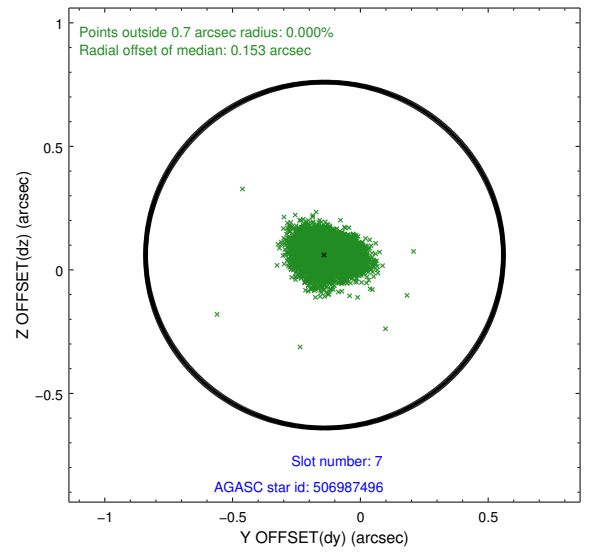
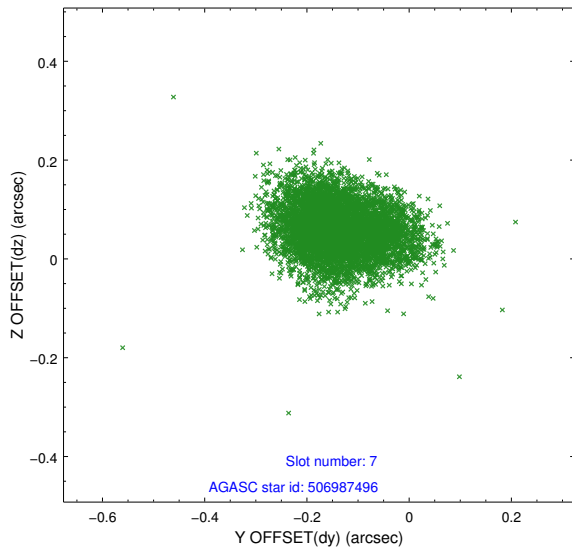
2.4.3 Slot 5



2.4.4 Slot 6

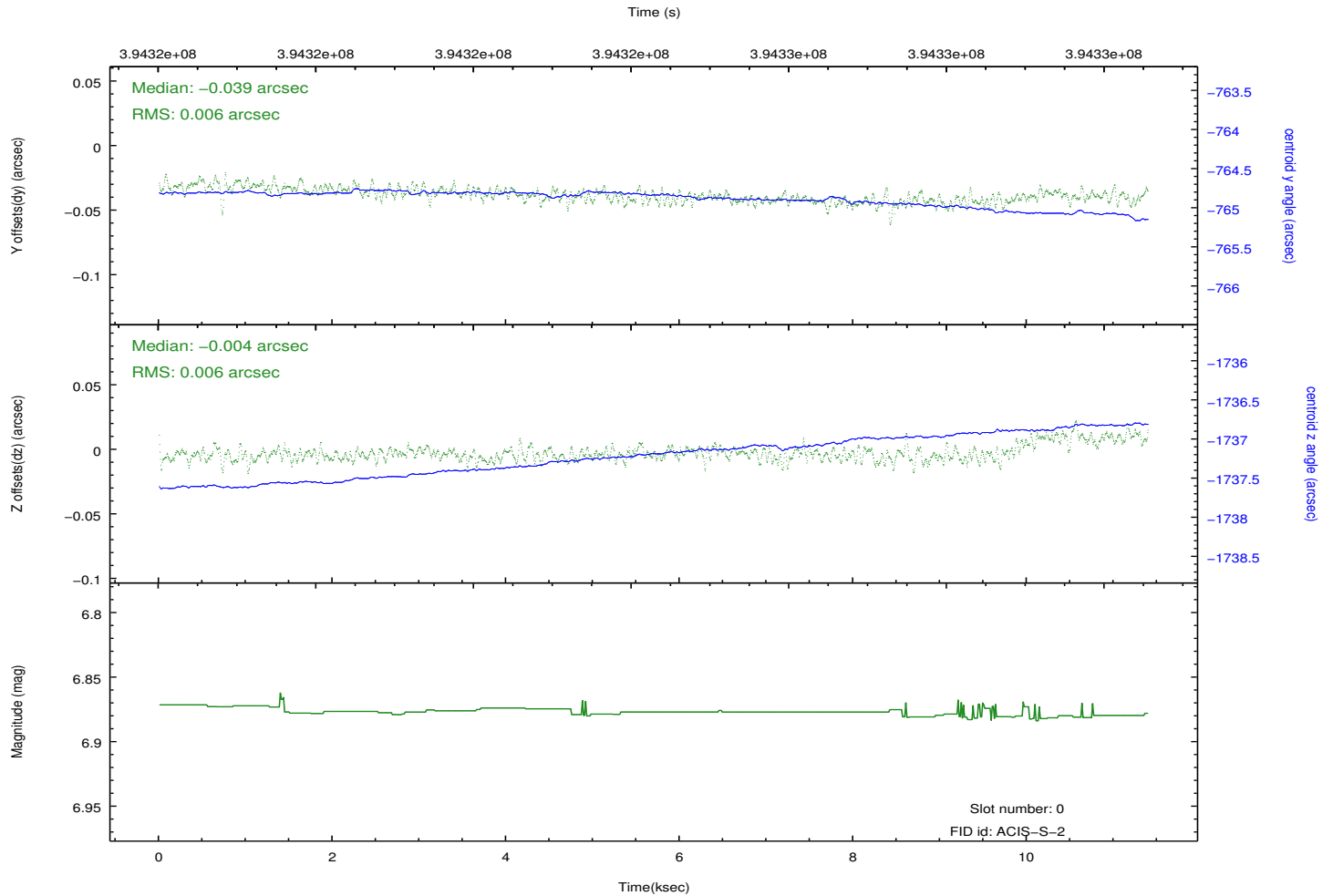
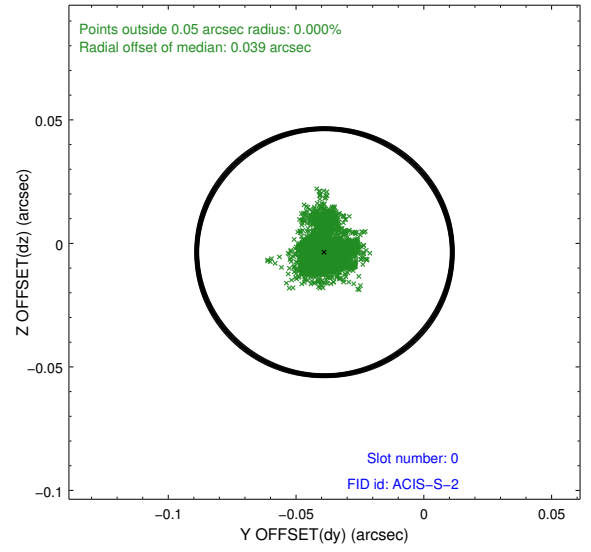
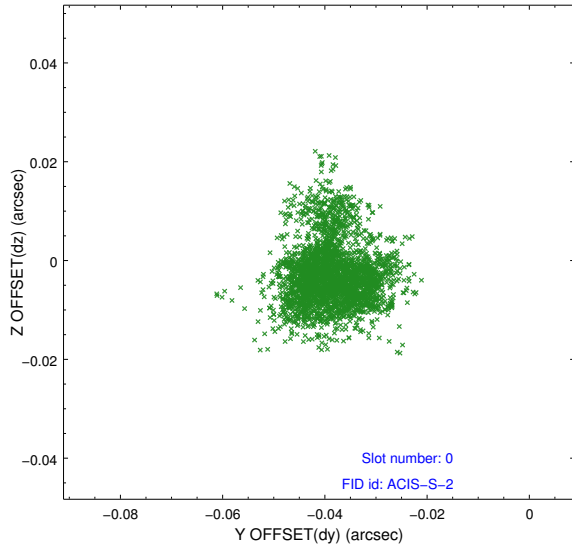


2.4.5 Slot 7

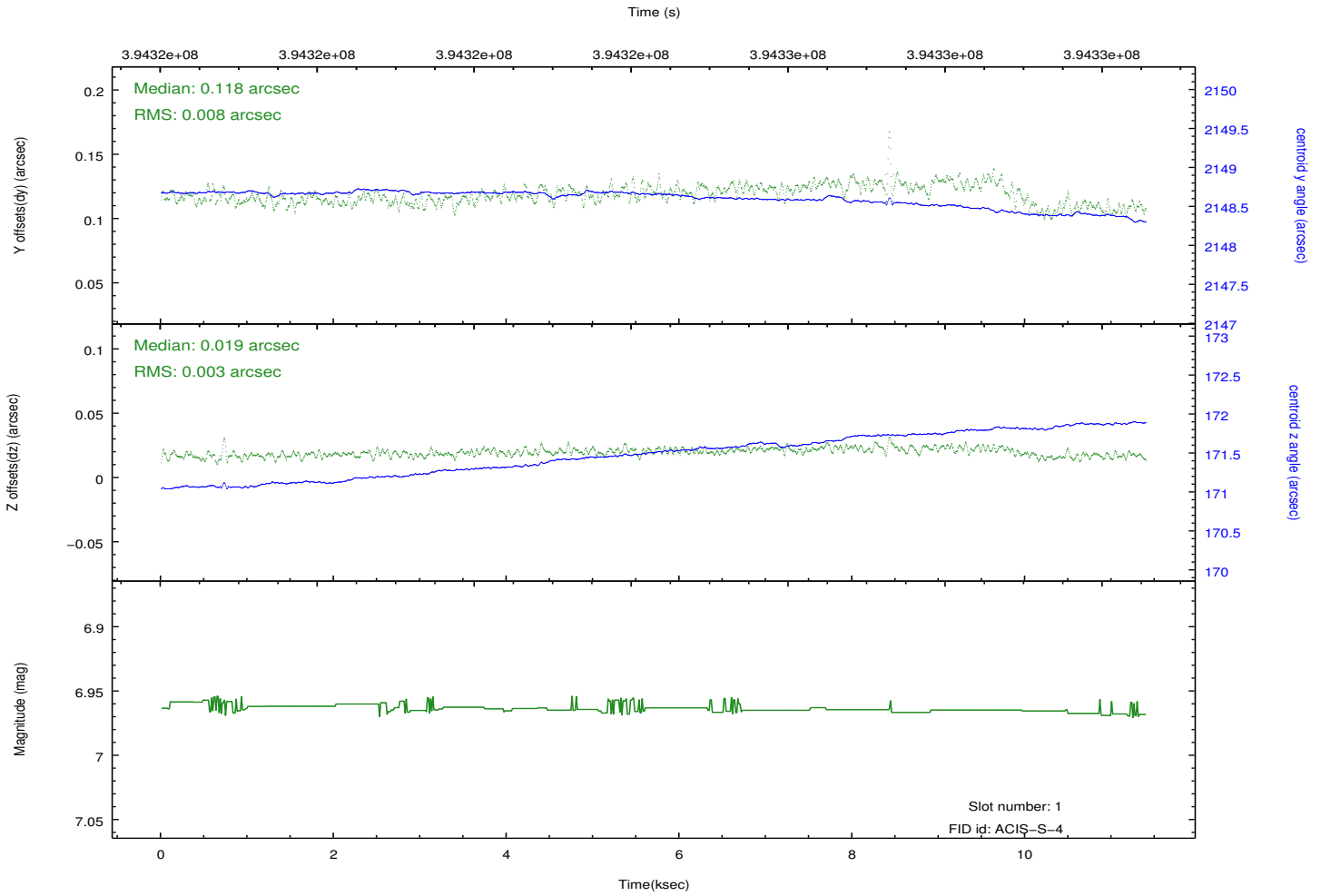
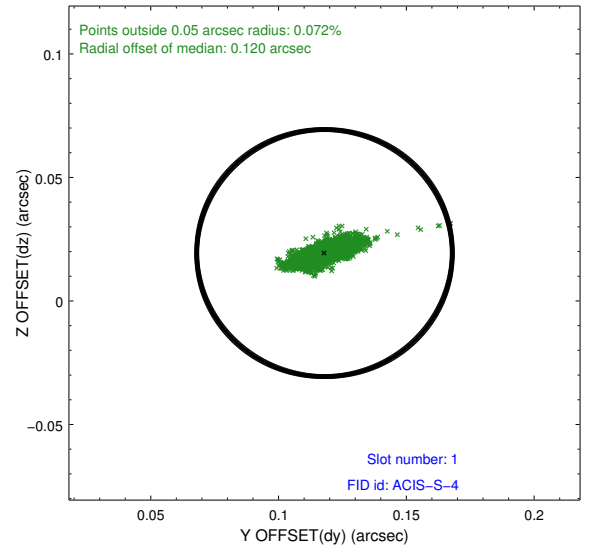
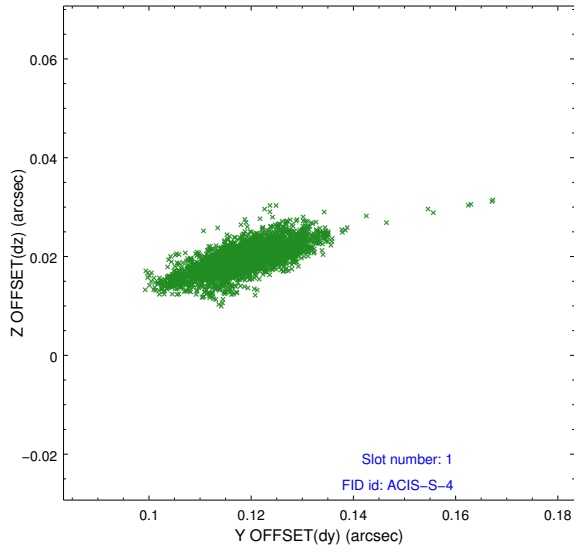


2.5 FID Slots

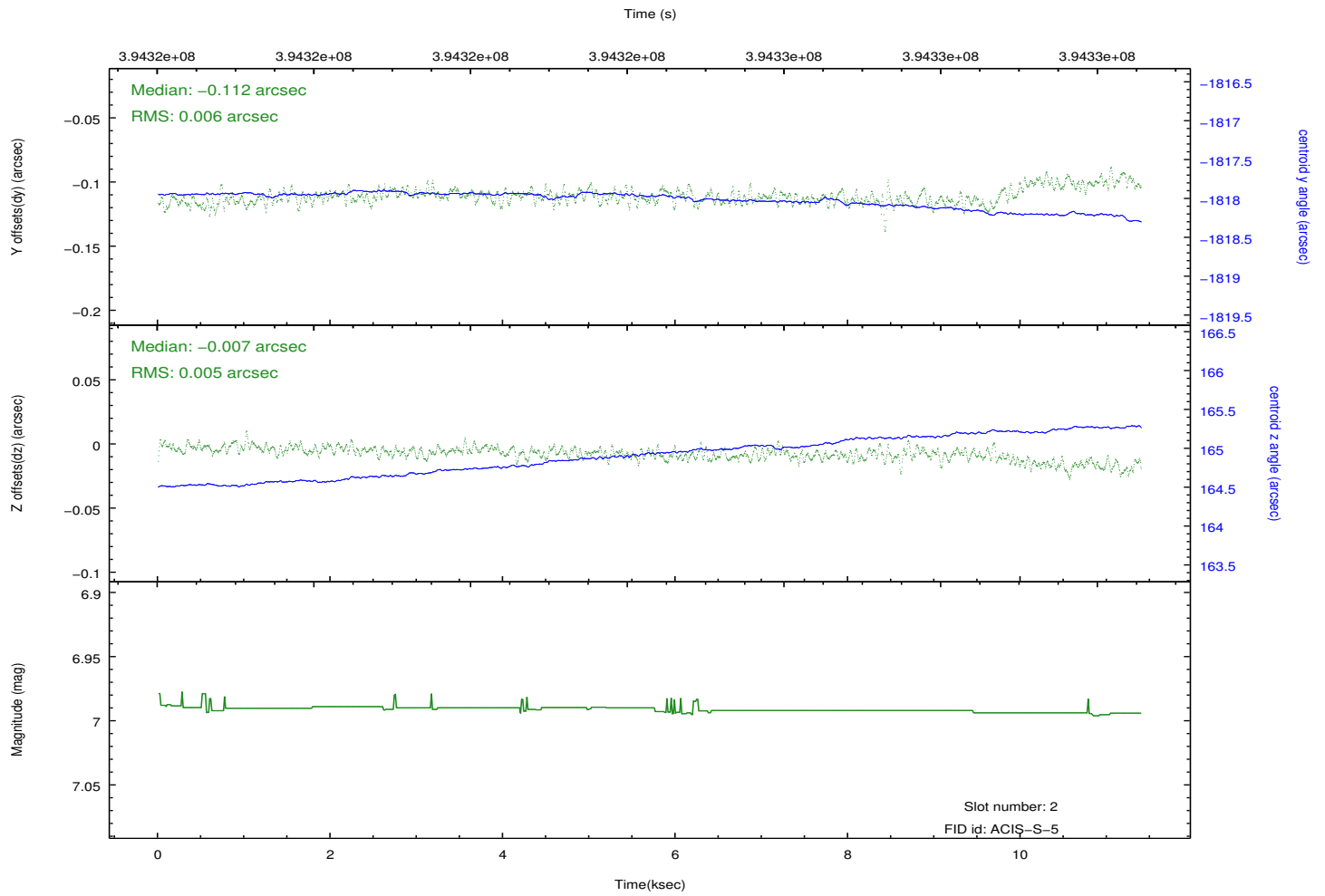
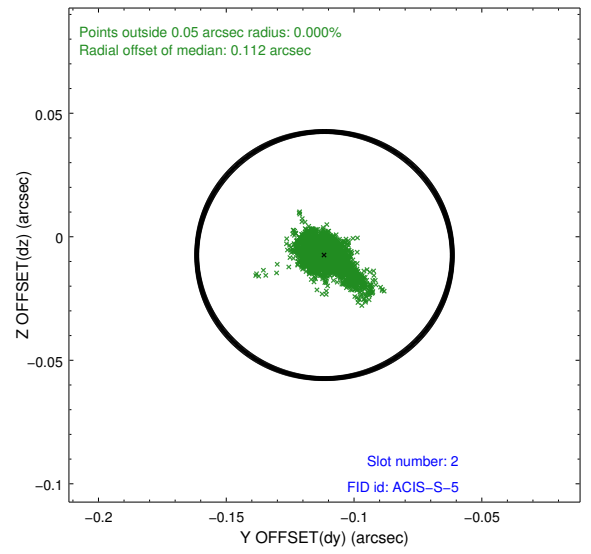
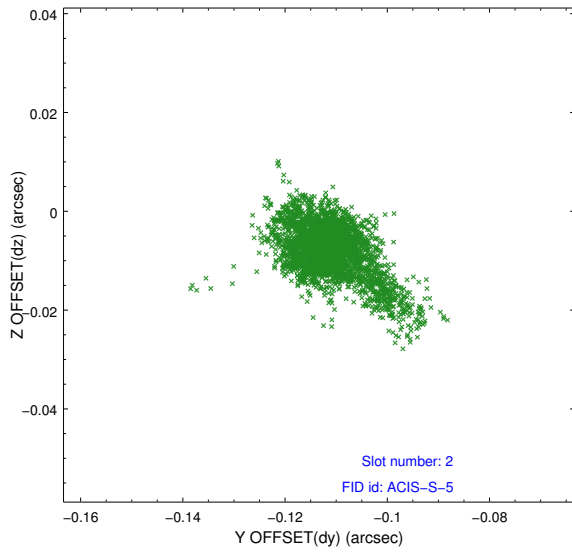
2.5.1 Slot 0



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)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.918399959385

A.2 Comments

Joint Proposal: HST