

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7884 - L2 Version 2
Chandra X-Ray Center

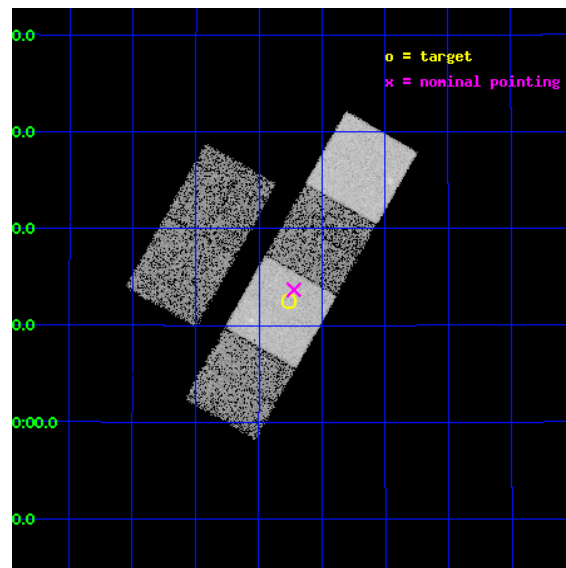
L2 Processing Date : May 1 2012

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1 Front

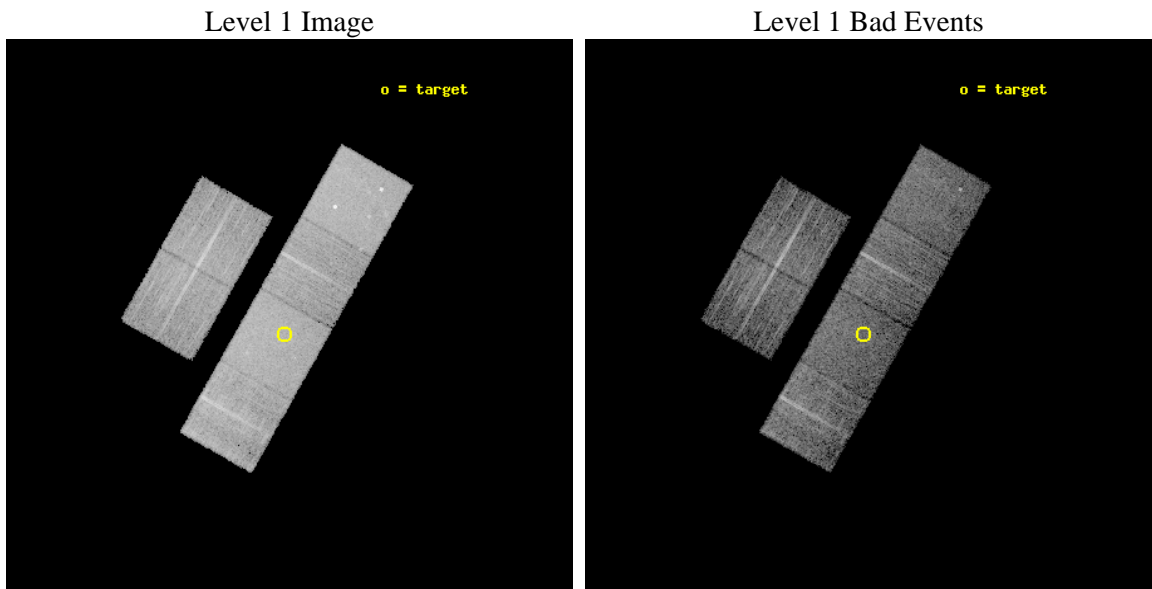
seq_num	701547	Sequence number
obs_id	7884	Observation id
title	Investigating AGN Activity in Low Surface Brightness Galaxies	Prop
observer	Dr Mousumi Das	Principal investigator
object	UGC 1922	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	36.940833	Observer's specified target RA [deg]
dec_targ	28.209167	Observer's specified target Dec [deg]
ra_nom	36.930725990462	Nominal RA [deg]
dec_nom	28.228029060087	Nominal Dec [deg]
roll_nom	119.62712977397	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5881.5999781489	Sum of GTIs [s]
livetime	5807.1236177513	Livetime [s]
ontime2	5881.5999781489	Sum of GTIs [s]
ontime3	5881.5999781489	Sum of GTIs [s]
ontime5	5881.5999781489	Sum of GTIs [s]
ontime6	5881.5999781489	Sum of GTIs [s]
ontime7	5881.5999781489	Sum of GTIs [s]
ontime8	5881.5999781489	Sum of GTIs [s]
l2events	98150	Number of level 2 events



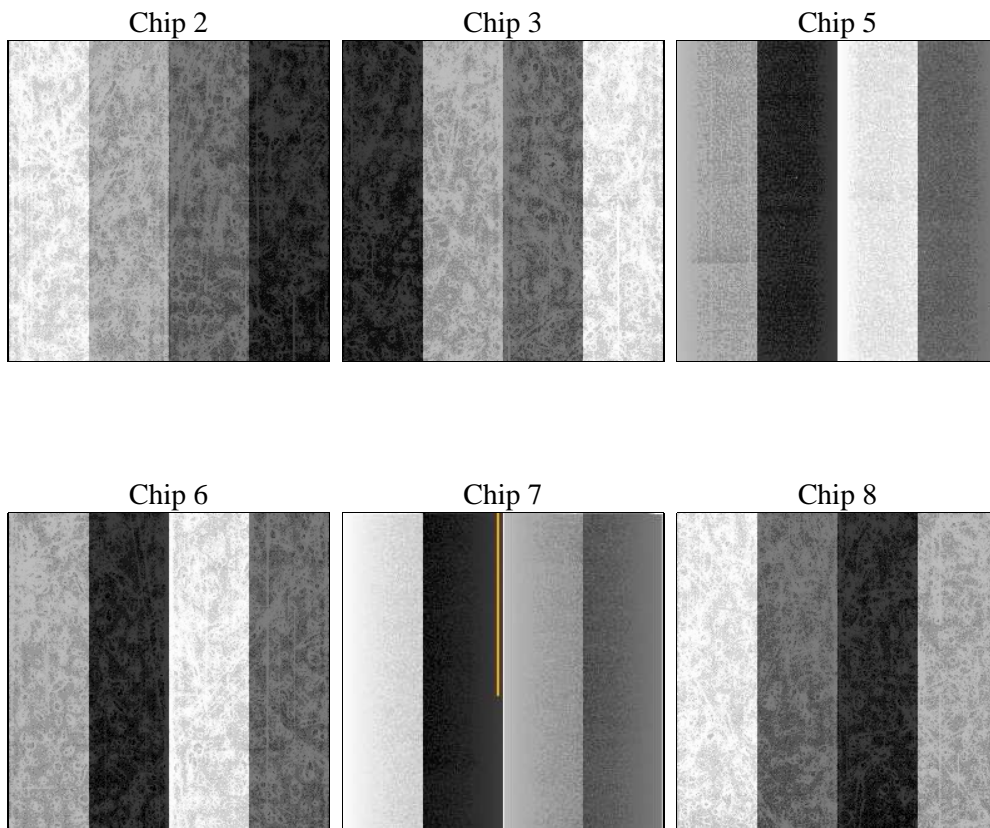
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5728.969000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5881.5999781489	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	5881.5999781489	Sum of GTIs [s]
date	2012-05-01T04:25:07	Date and time of file creation	ontime3	5881.5999781489	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	5881.5999781489	Sum of GTIs [s]
			ontime6	5881.5999781489	Sum of GTIs [s]
			ontime7	5881.5999781489	Sum of GTIs [s]
			ontime8	5881.5999781489	Sum of GTIs [s]
			l1events	441329	Number of level 1 events

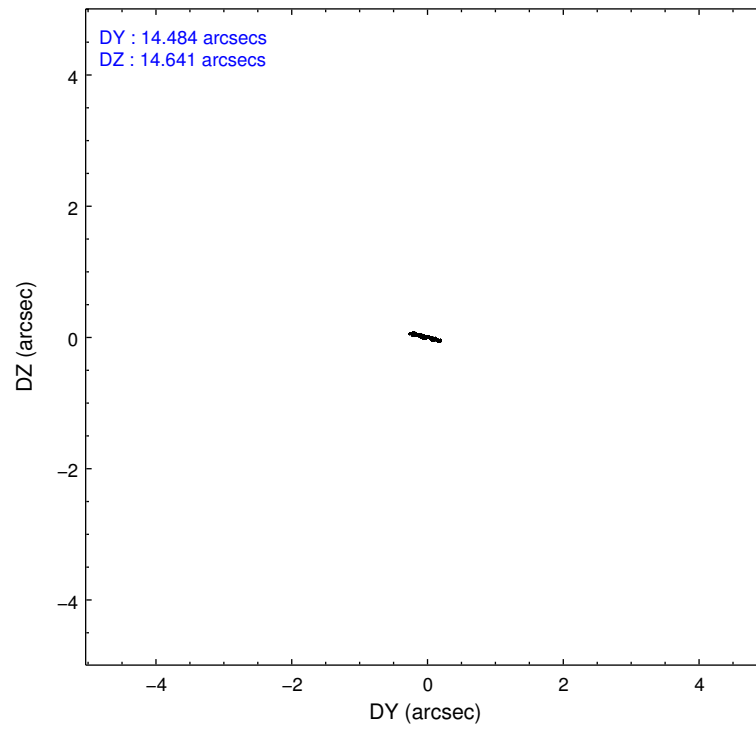
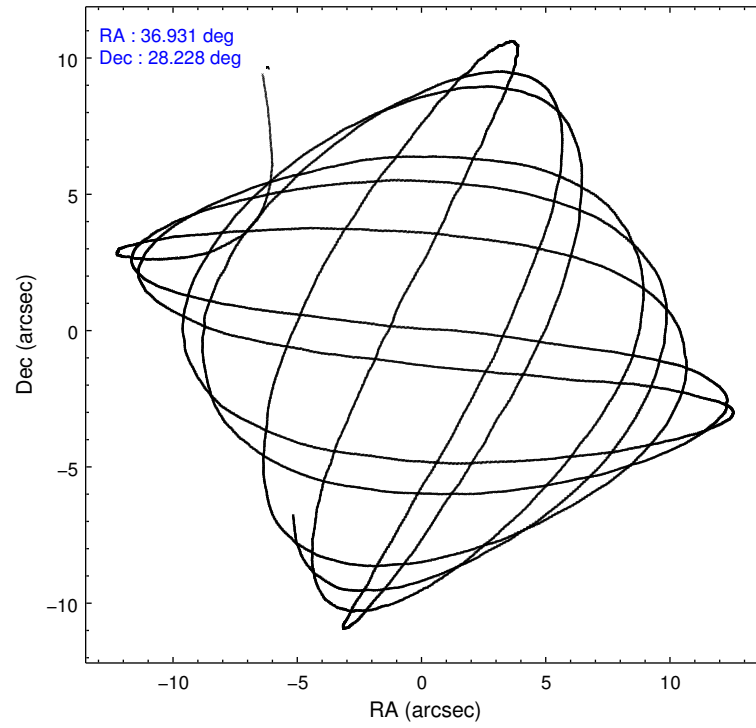
2.1.4 Events

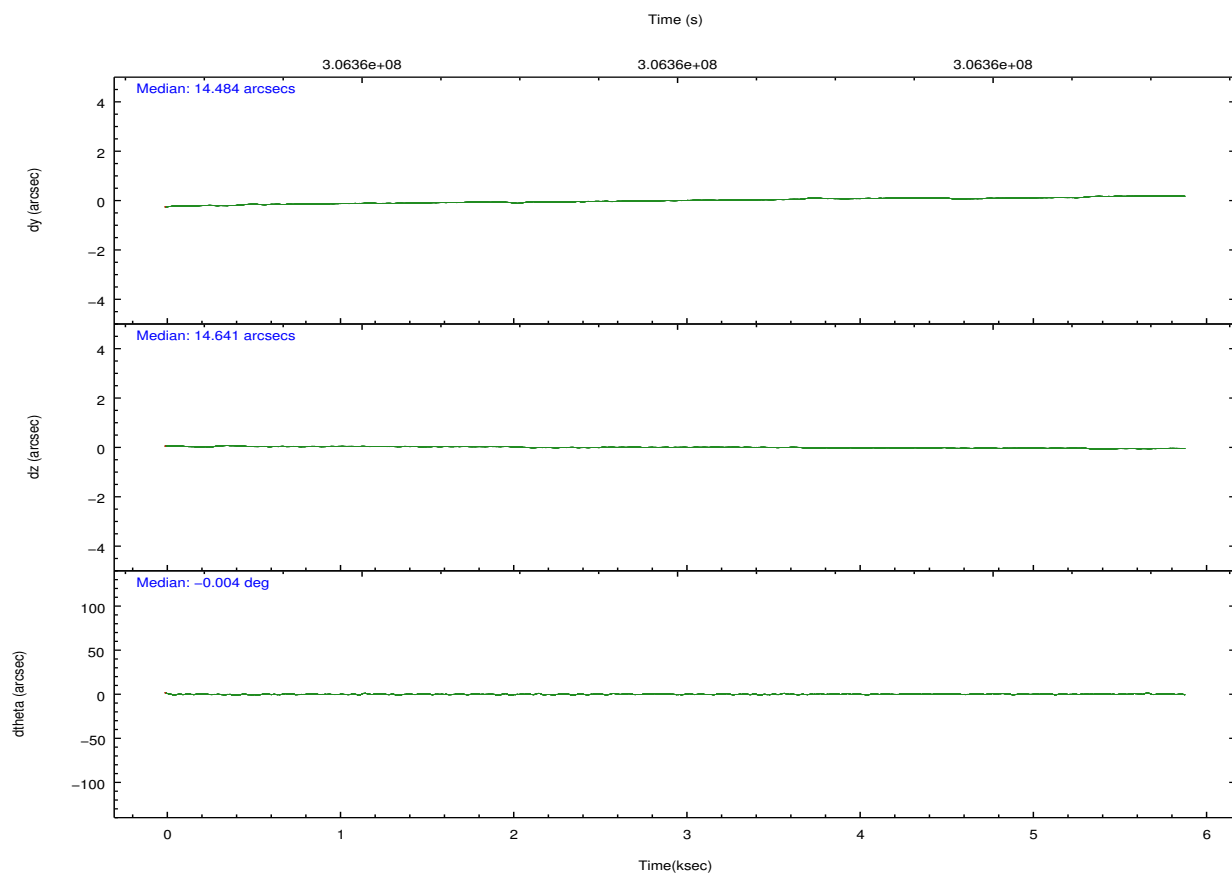
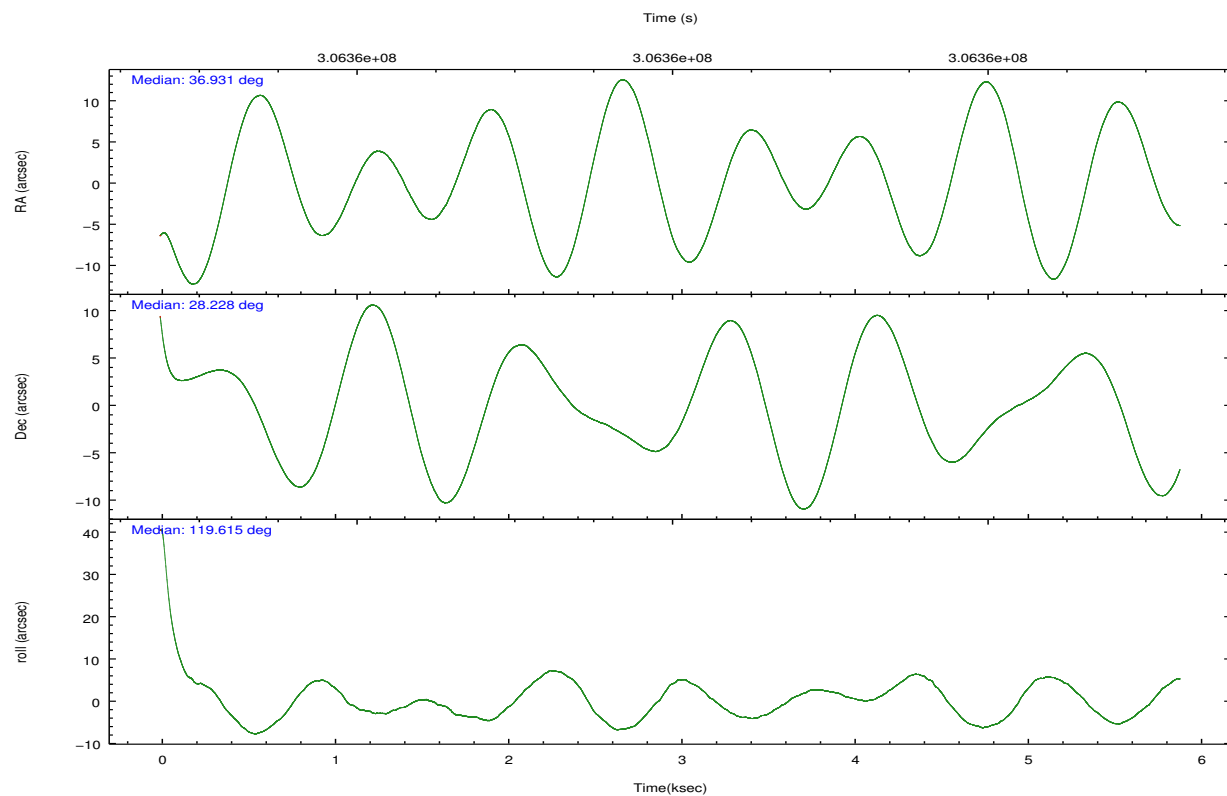
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	63988	58478	94366	61787	85573	77137	grade 0 events	3273	3311	4742	3011	3691	5663
rejected events	57048	51459	52931	54709	50352	60593		5%	5%	5%	4%	4%	7%
rejected %	89%	87%	56%	88%	58%	78%	grade 1 events	45	49	130	37	81	51
								0%	0%	0%	0%	0%	0%
							grade 2 events	1526	1472	13207	1598	7693	3824
								2%	2%	13%	2%	8%	4%
							grade 3 events	683	687	1656	752	3330	1857
								1%	1%	1%	1%	3%	2%
							grade 4 events	717	708	1532	688	3251	1713
								1%	1%	1%	1%	3%	2%
							grade 5 events	2483	2794	6673	2890	7756	3790
								3%	4%	7%	4%	9%	4%
							grade 6 events	1186	1270	22882	1470	19278	4387
								1%	2%	24%	2%	22%	5%
							grade 7 events	54075	48187	43544	51341	40493	55852
								84%	82%	46%	83%	47%	72%

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	36.957801	36.93072599046249	CCD I2 on	O1	Y
[deg] Pointing Dec	28.214547	28.22802906008661	CCD I3 on	O2	Y
[deg] Pointing Roll	119.457628	119.6271297739726	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	Y	Y
[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	Y	Y
[s] Observation start time (MET)	306355187.184000	306353948.24731	CCD S5 on	N	N
Observation start date	2007-09-16T18:38:42	2007-09-16T18:19:08	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	306360916.184000	306361138.62265	On-chip summing requested	N	N
Observation end date	2007-09-16T20:14:11	2007-09-16T20:18:58	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



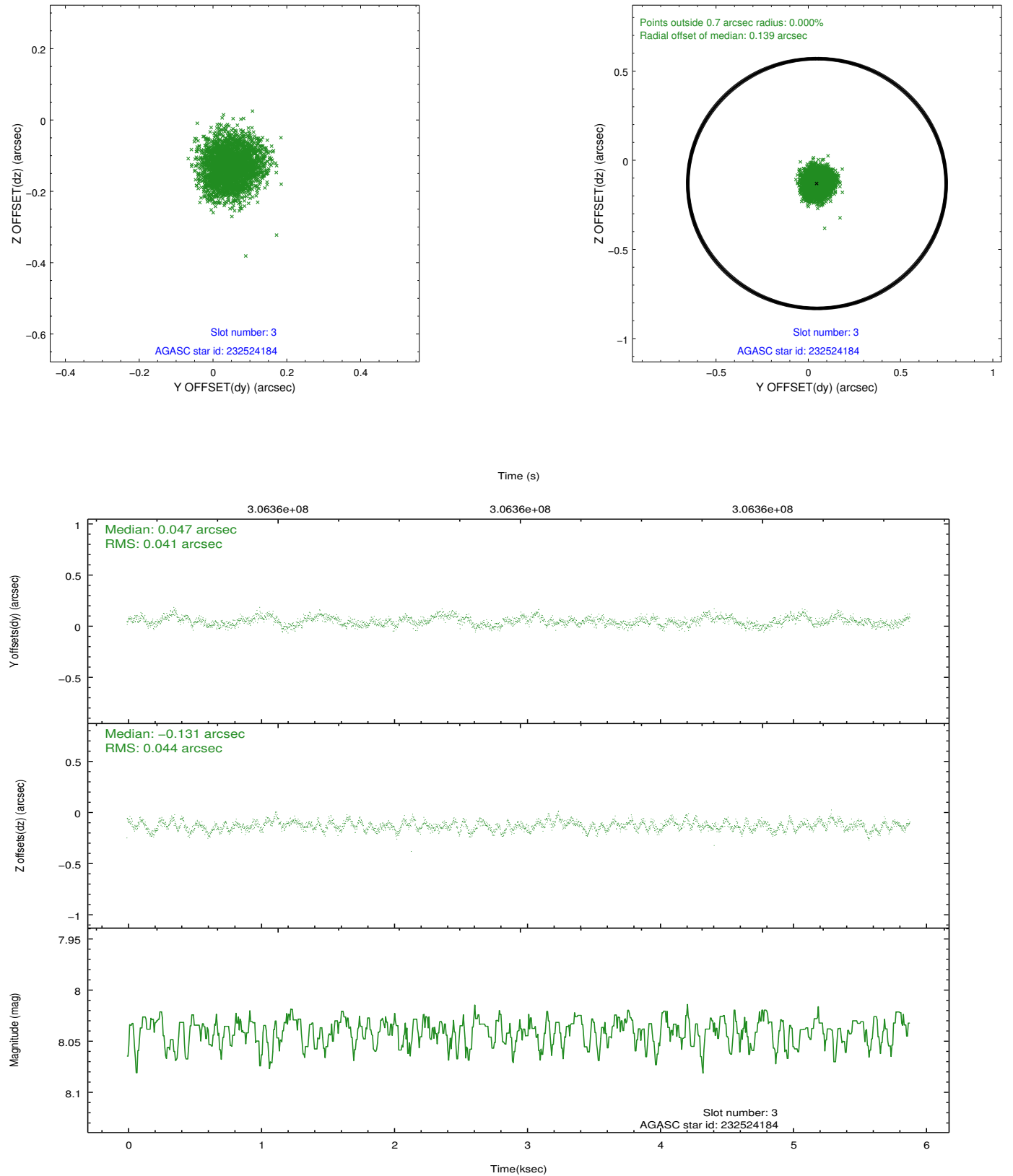


Slot Statistics

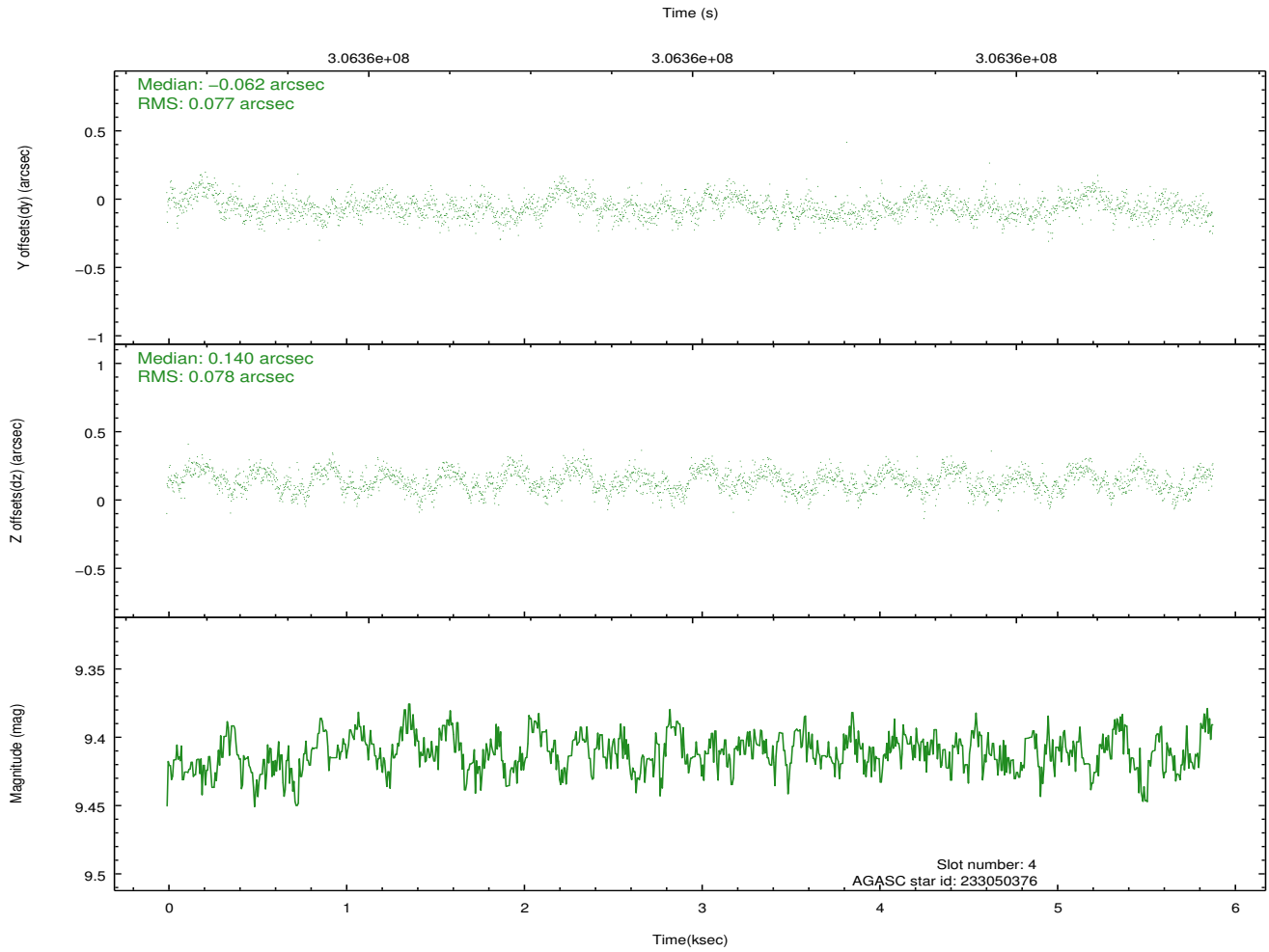
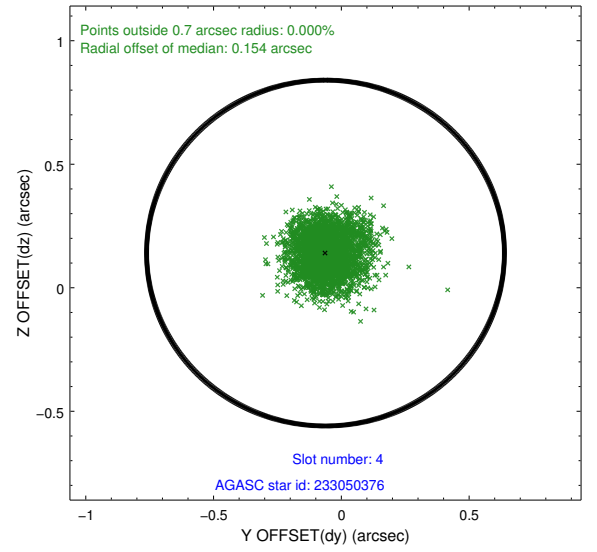
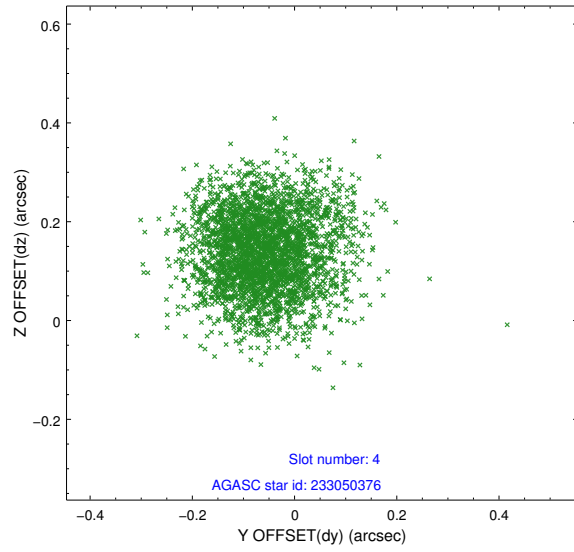
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1436	-0.088	-0.049	0.008	0.012	0.000000	0.000000	-767.51	-1736.01
1	FID	ACIS-S-4	7.19	1437	0.217	0.055	0.006	0.010	0.000000	0.000000	2145.60	171.54
2	FID	ACIS-S-5	7.22	1436	-0.161	0.002	0.006	0.010	0.000000	0.000000	-1819.14	166.29
3	GUIDE	232524184	8.04	2873	0.047	-0.131	0.065	0.103	36.673123	28.048850	-73.54	1080.10
4	GUIDE	233050376	9.41	2865	-0.062	0.140	0.118	0.185	36.849023	28.894726	2301.20	-904.91
5	GUIDE	232522968	8.61	2872	-0.036	-0.336	0.085	0.138	36.345484	27.993449	269.01	2083.07
6	GUIDE	233051040	8.82	2872	0.282	0.108	0.089	0.140	37.051032	28.245246	-48.68	-311.46
7	GUIDE	233047928	9.74	2854	-0.222	0.215	0.139	0.223	37.393440	28.705104	863.84	-2067.41

2.4 Star Slots

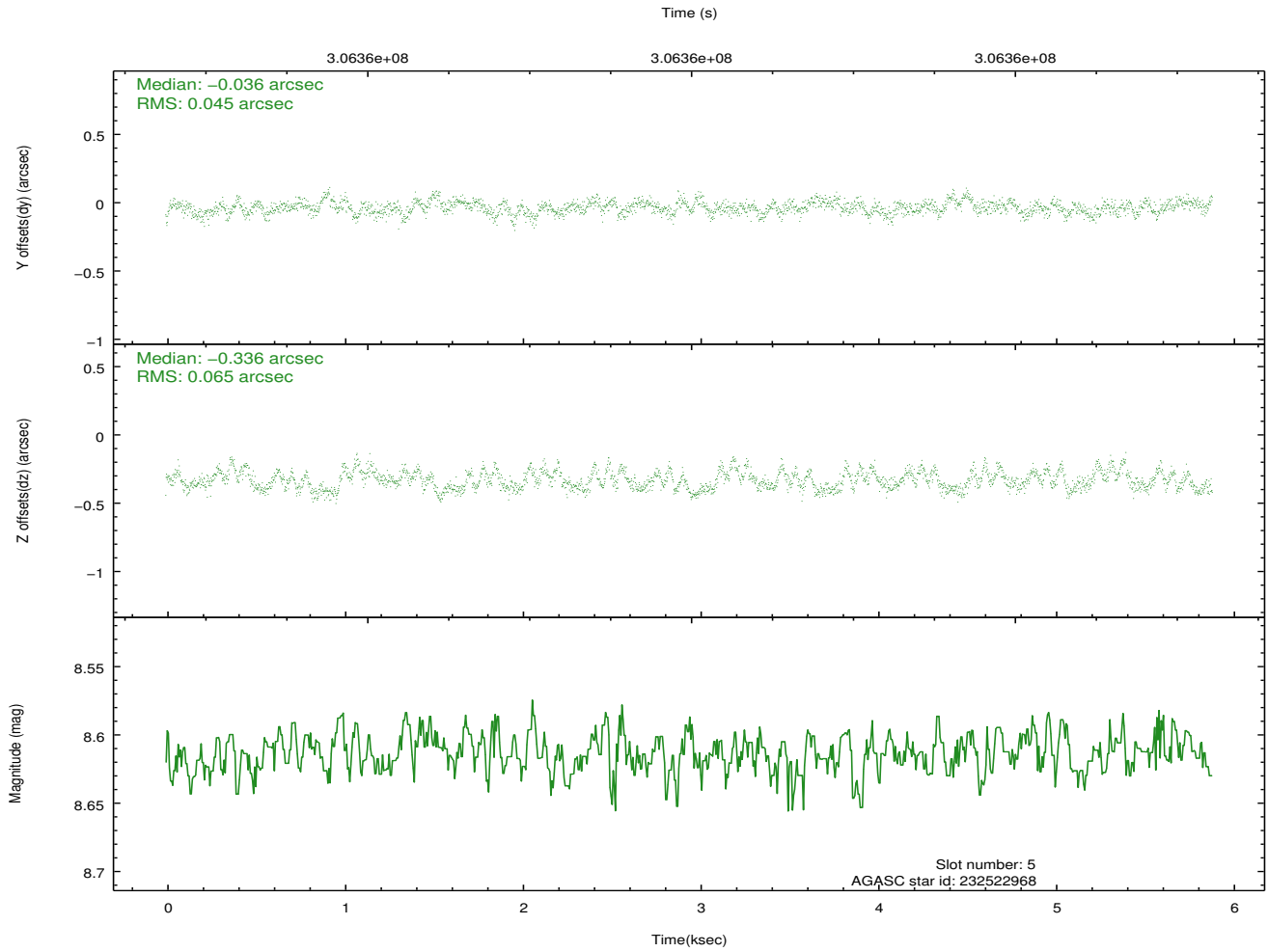
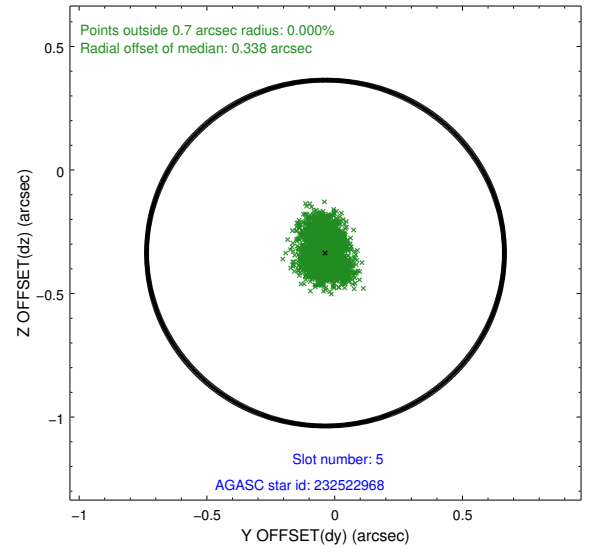
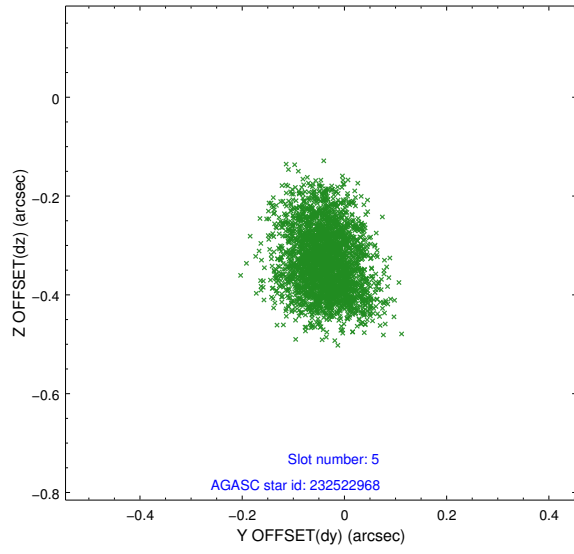
2.4.1 Slot 3



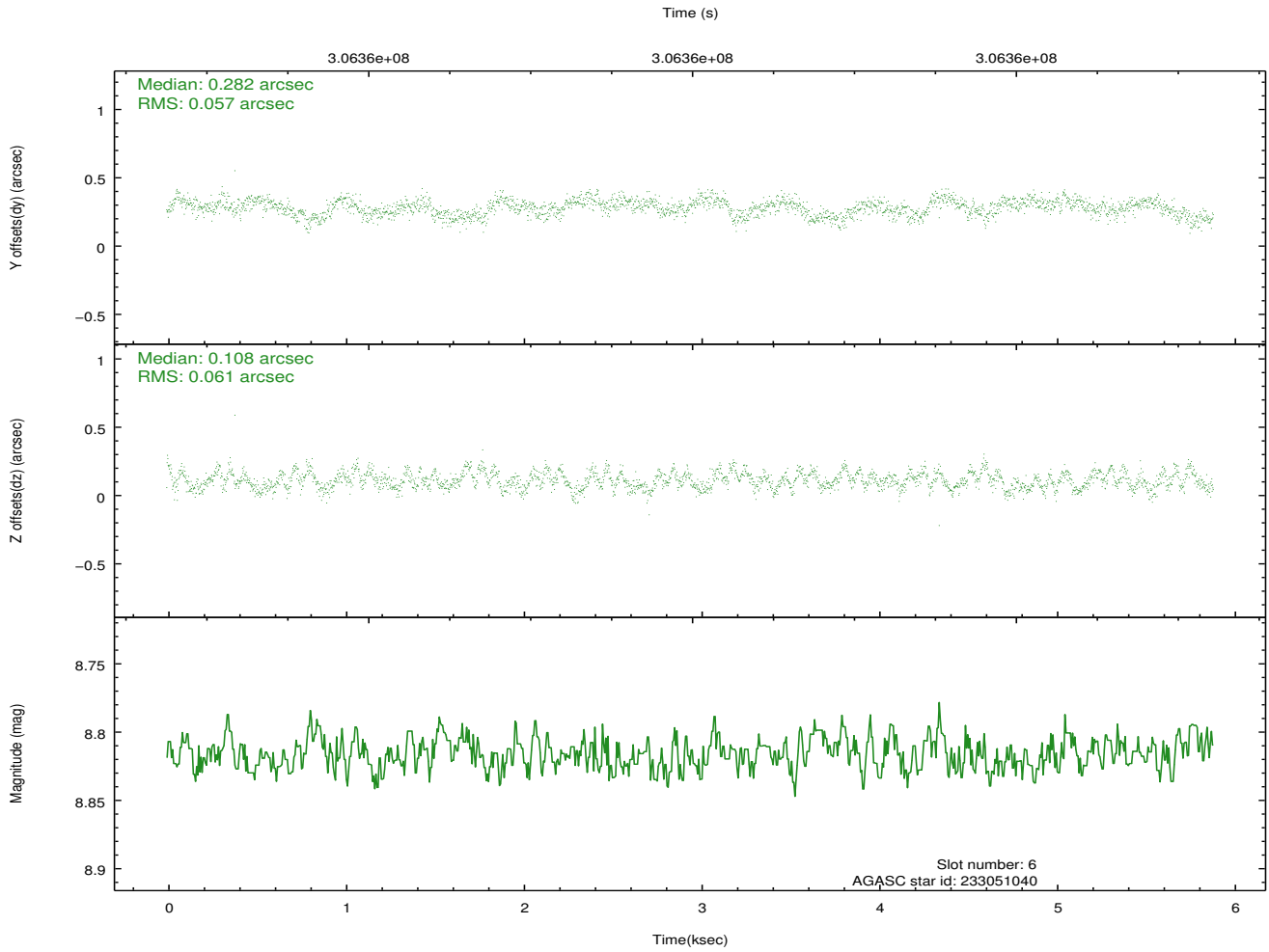
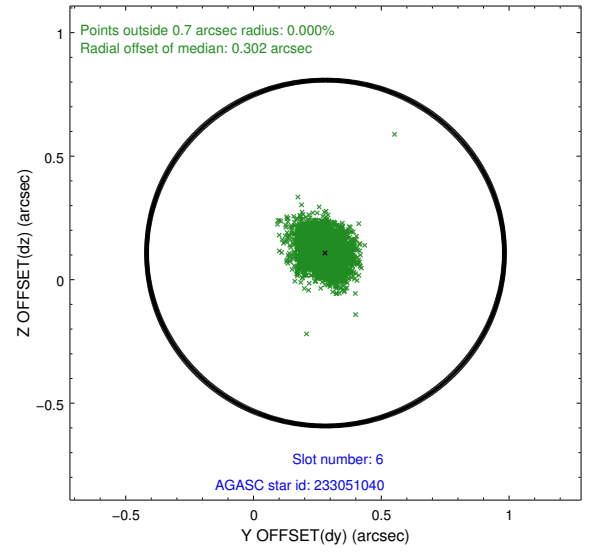
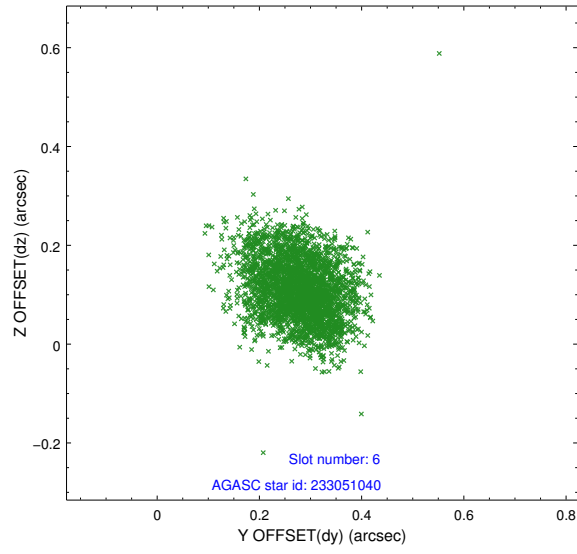
2.4.2 Slot 4



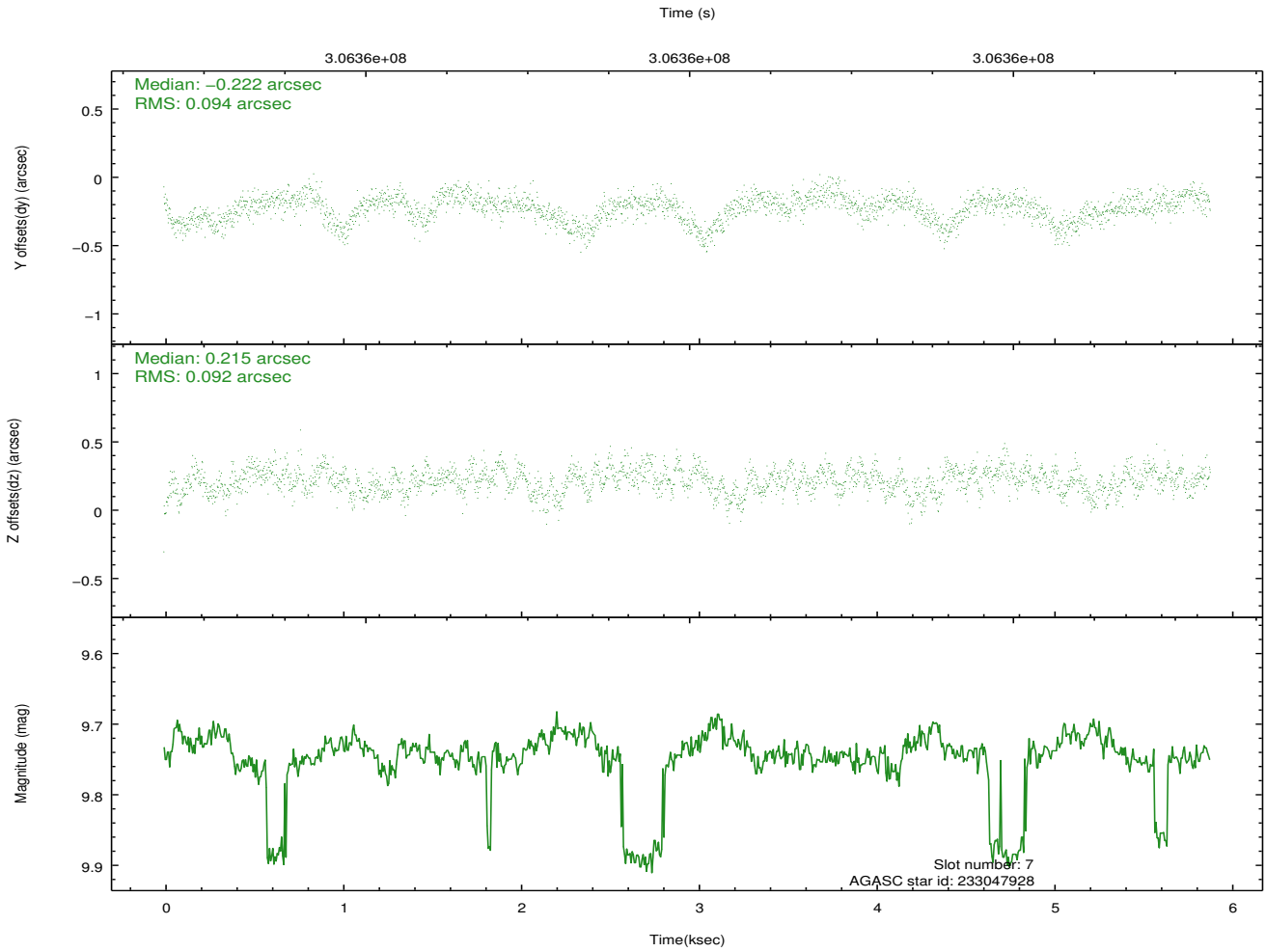
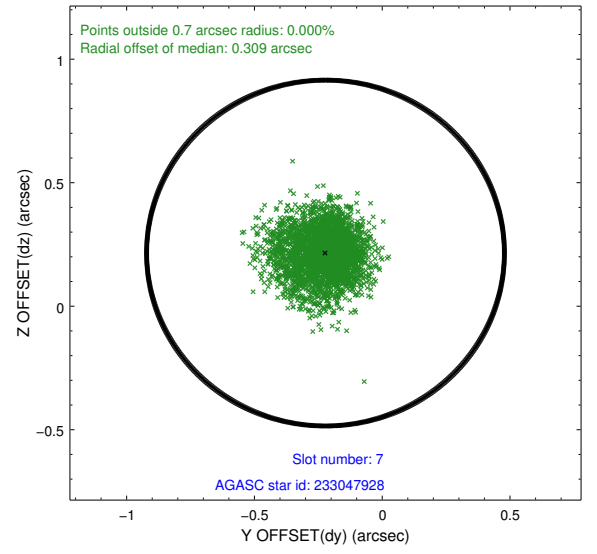
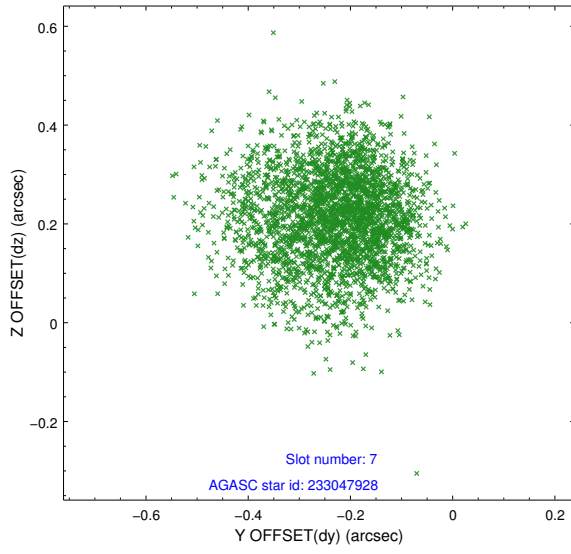
2.4.3 Slot 5



2.4.4 Slot 6

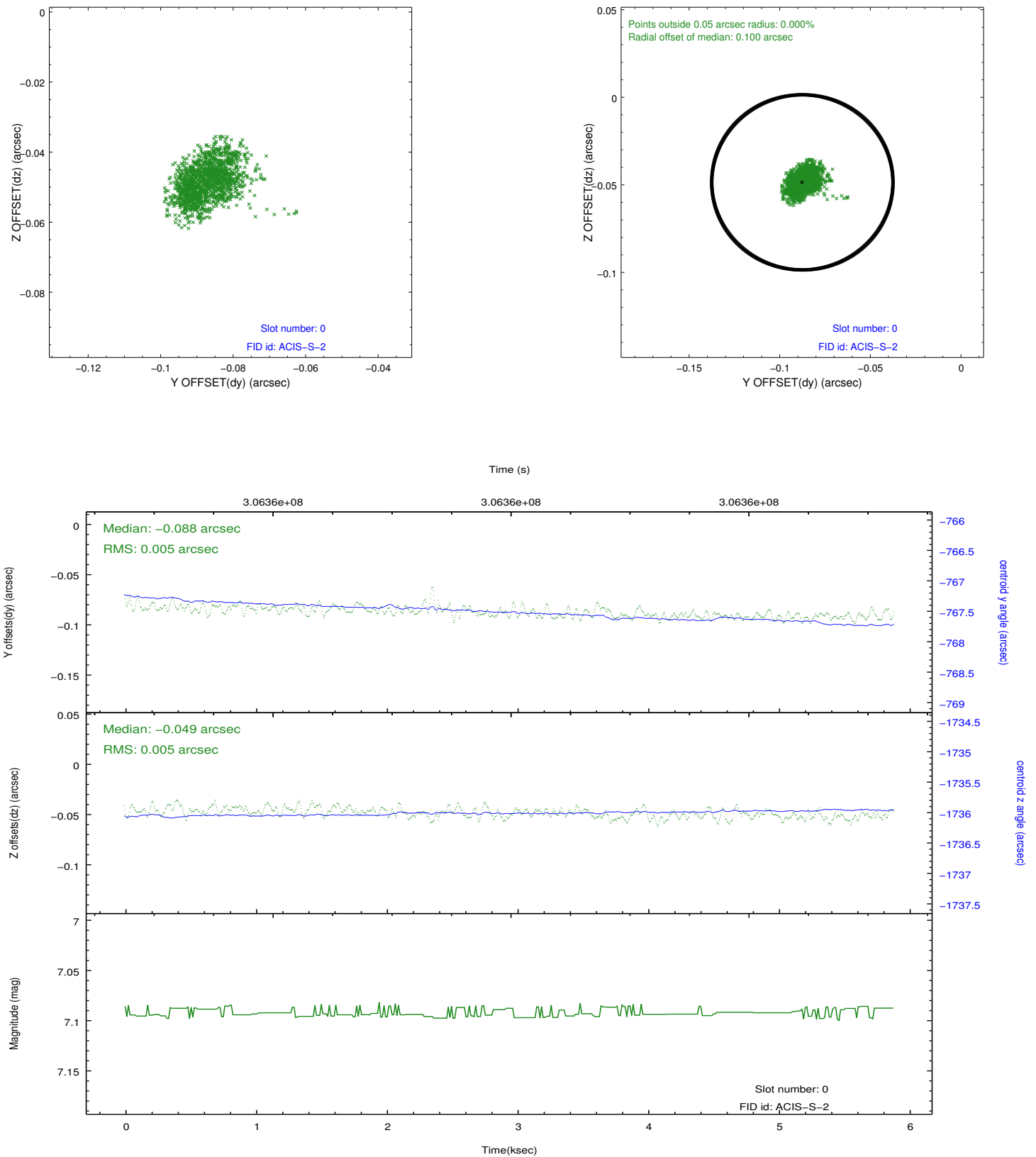


2.4.5 Slot 7

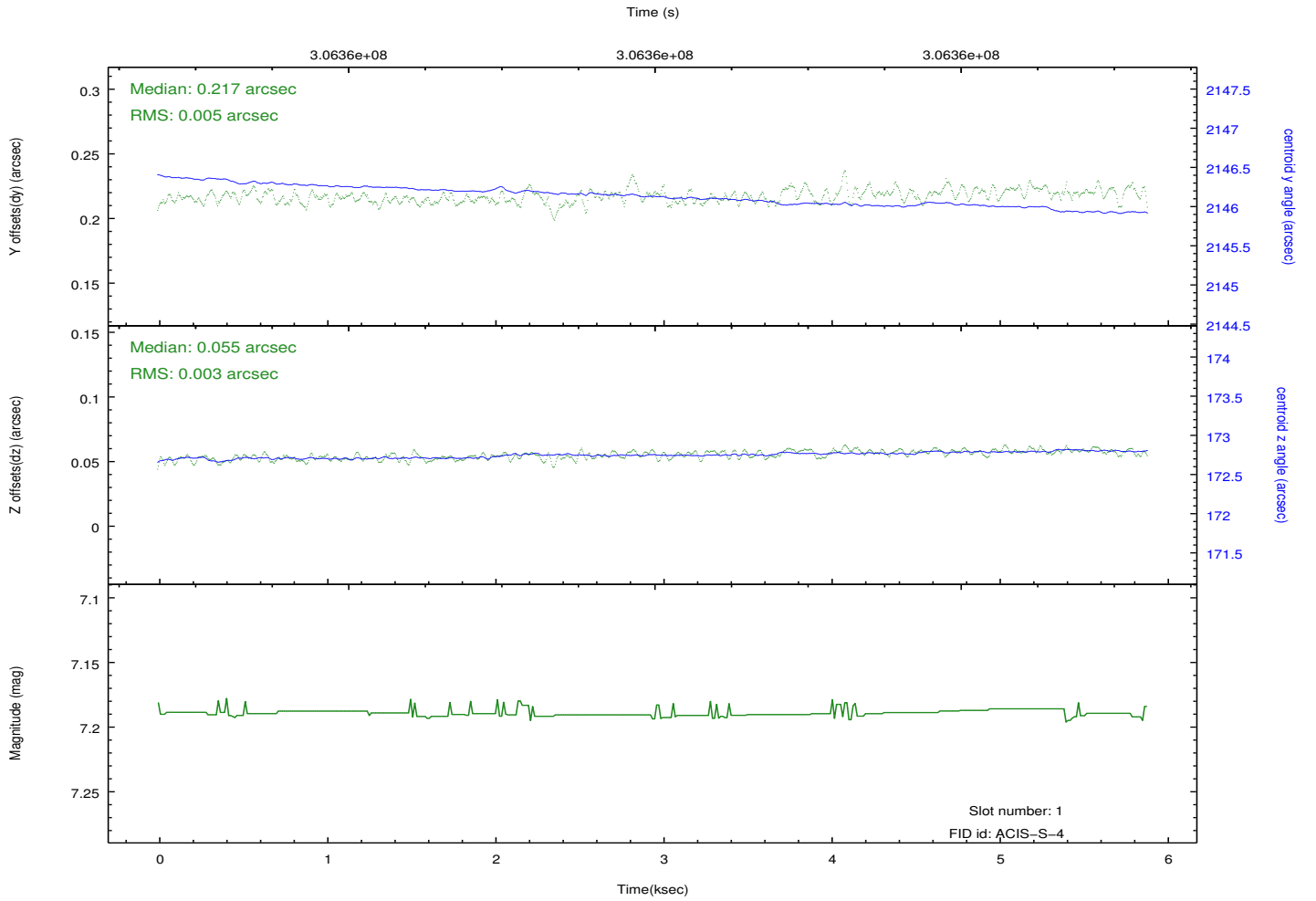
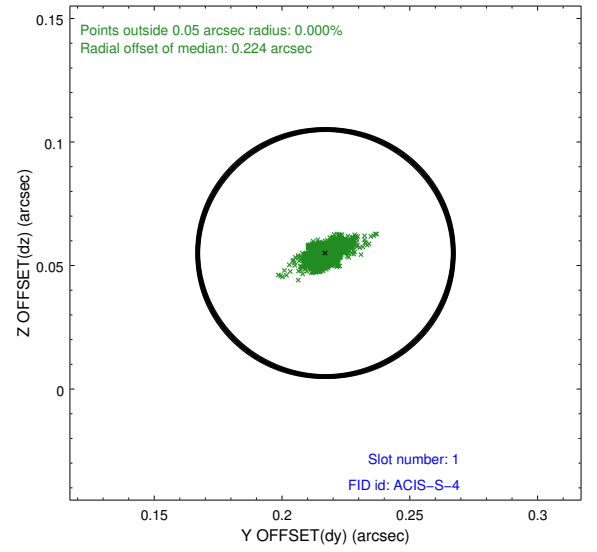
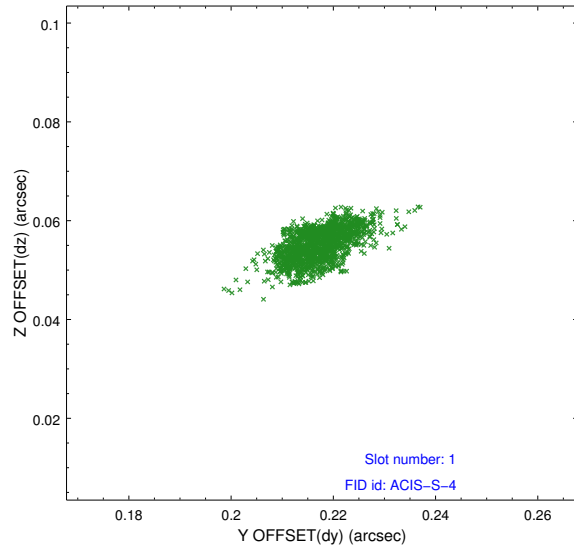


2.5 FID Slots

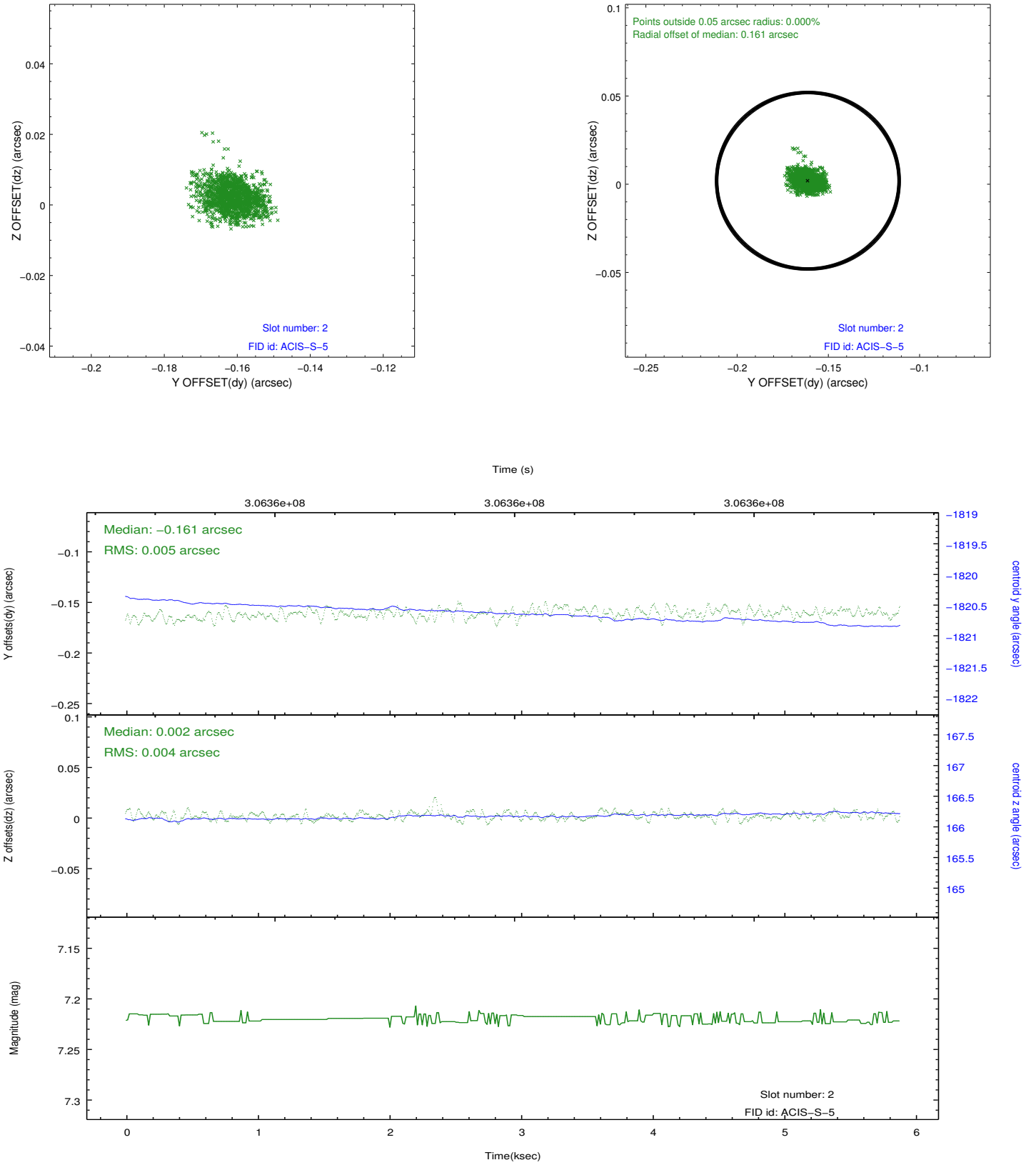
2.5.1 Slot 0



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)	2012.05.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.88159997

A.2 Comments