

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10392 - L2 Version 2
Chandra X-Ray Center

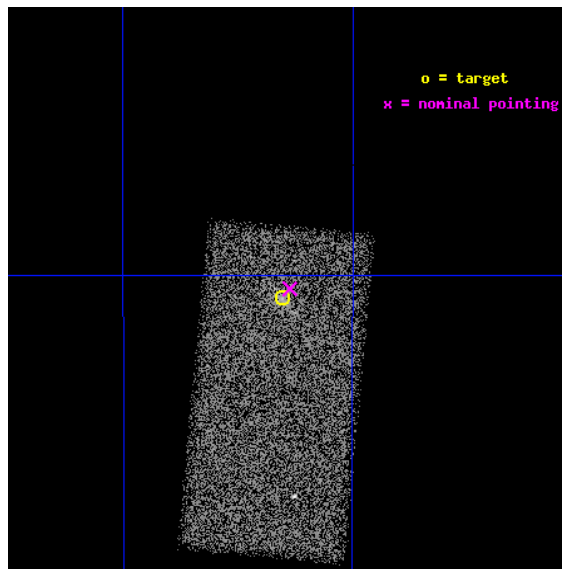
L2 Processing Date : Jun 9 2012

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1 Front

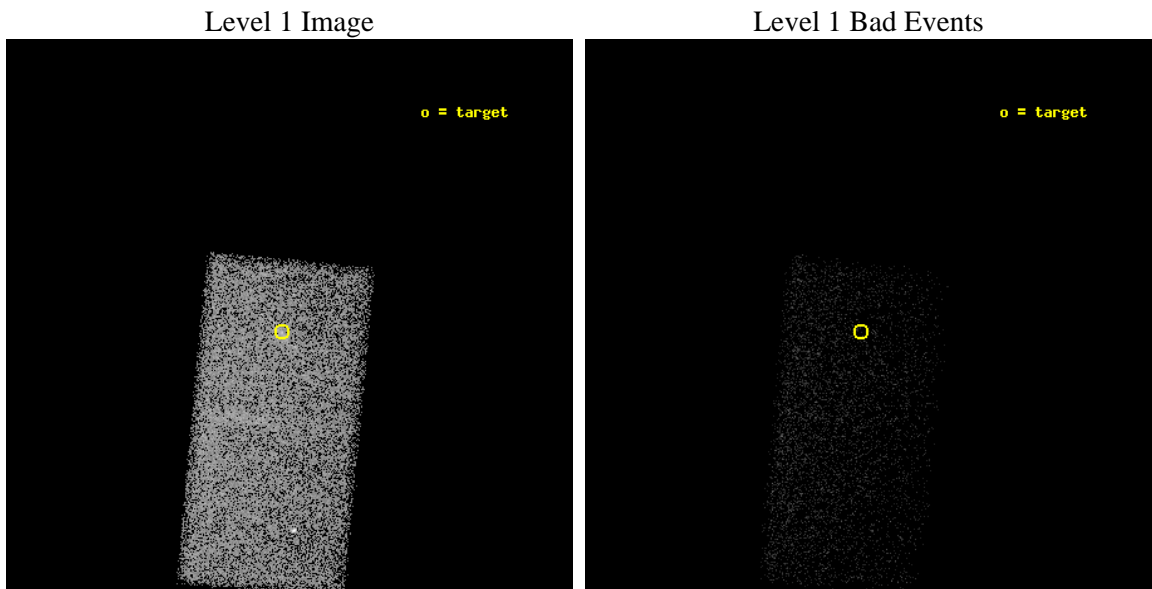
seq_num	701935	Sequence number
obs_id	10392	Observation id
title	A Complete Census of AGN Activity in Luminous Infrared Galaxies	Pr
observer	Dr David Alexander	Principal investigator
object	IC5179	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	334.037917	Observer's specified target RA [deg]
dec_targ	-36.843167	Observer's specified target Dec [deg]
ra_nom	334.03423338358	Nominal RA [deg]
dec_nom	-36.839303250574	Nominal Dec [deg]
roll_nom	95.370194037868	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12288.0	Sum of GTIs [s]
livetime	11960.75377667	Livetime [s]
ontime7	12288.0	Sum of GTIs [s]
l2events	25641	Number of level 2 events



2 OBI

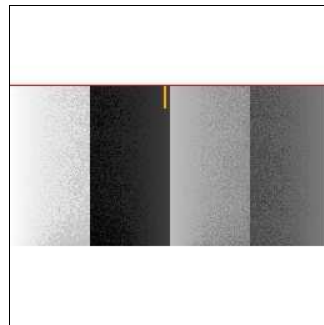
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12100.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12288.0	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	12288.0	Sum of GTIs [s]
date	2012-06-09T07:41:56	Date and time of file creation	l1events	50017	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

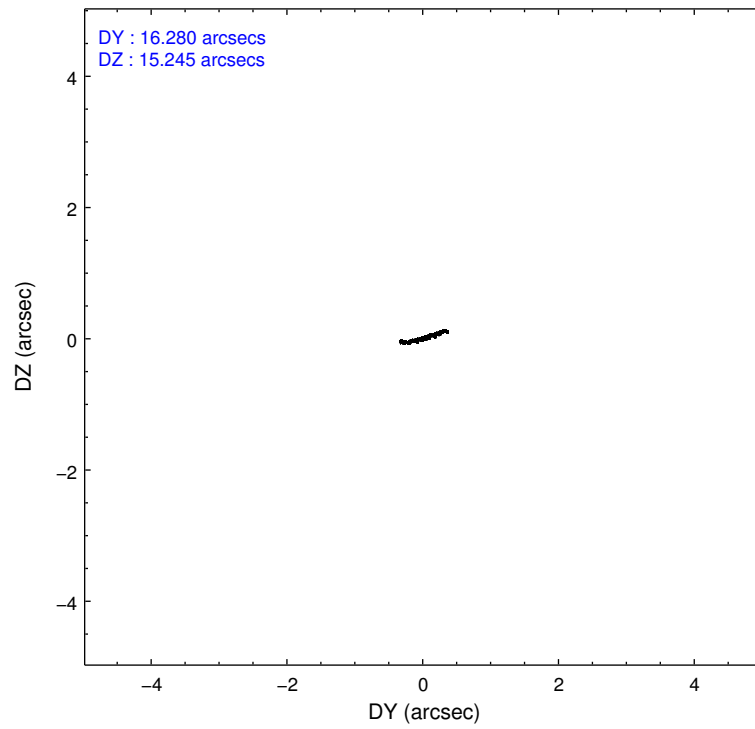
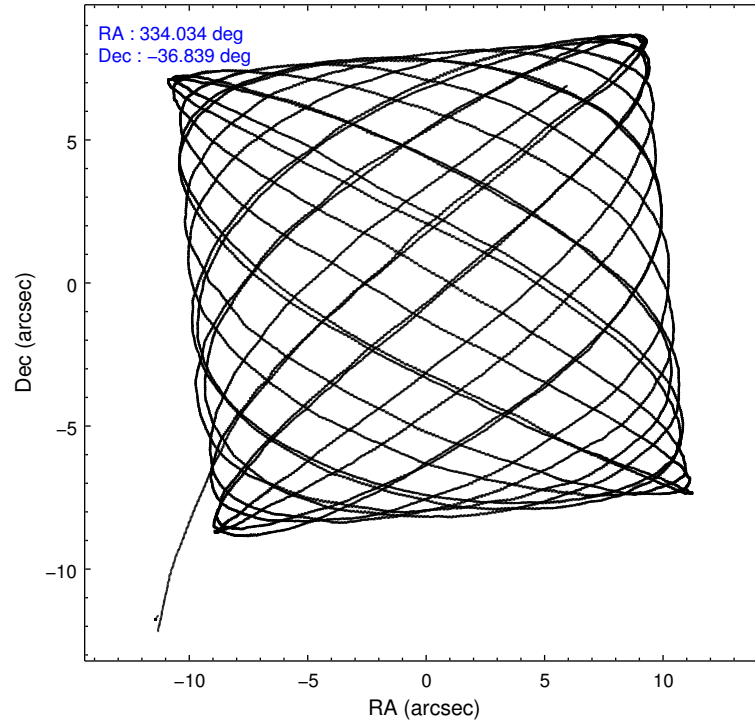
	ccd 7
level 1 events	50017
rejected events	23503
rejected %	46%

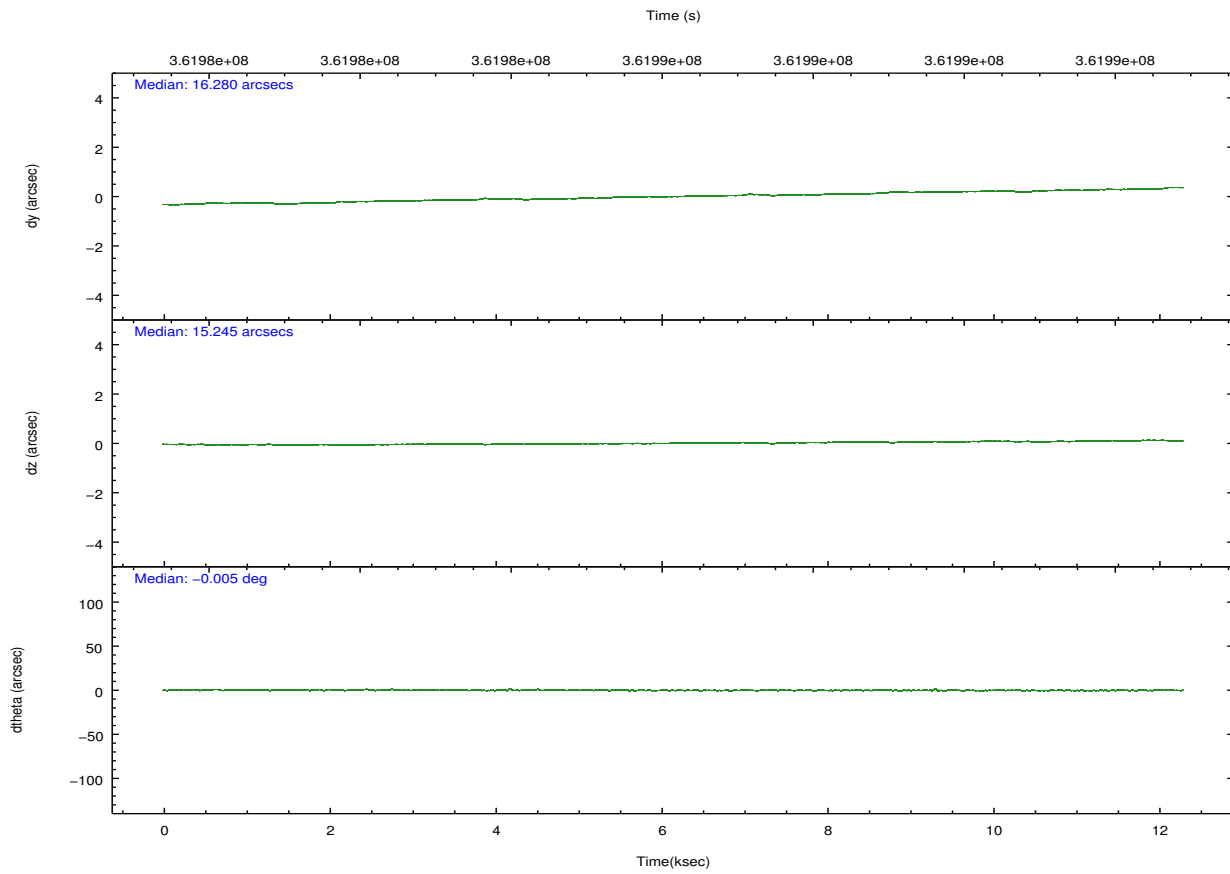
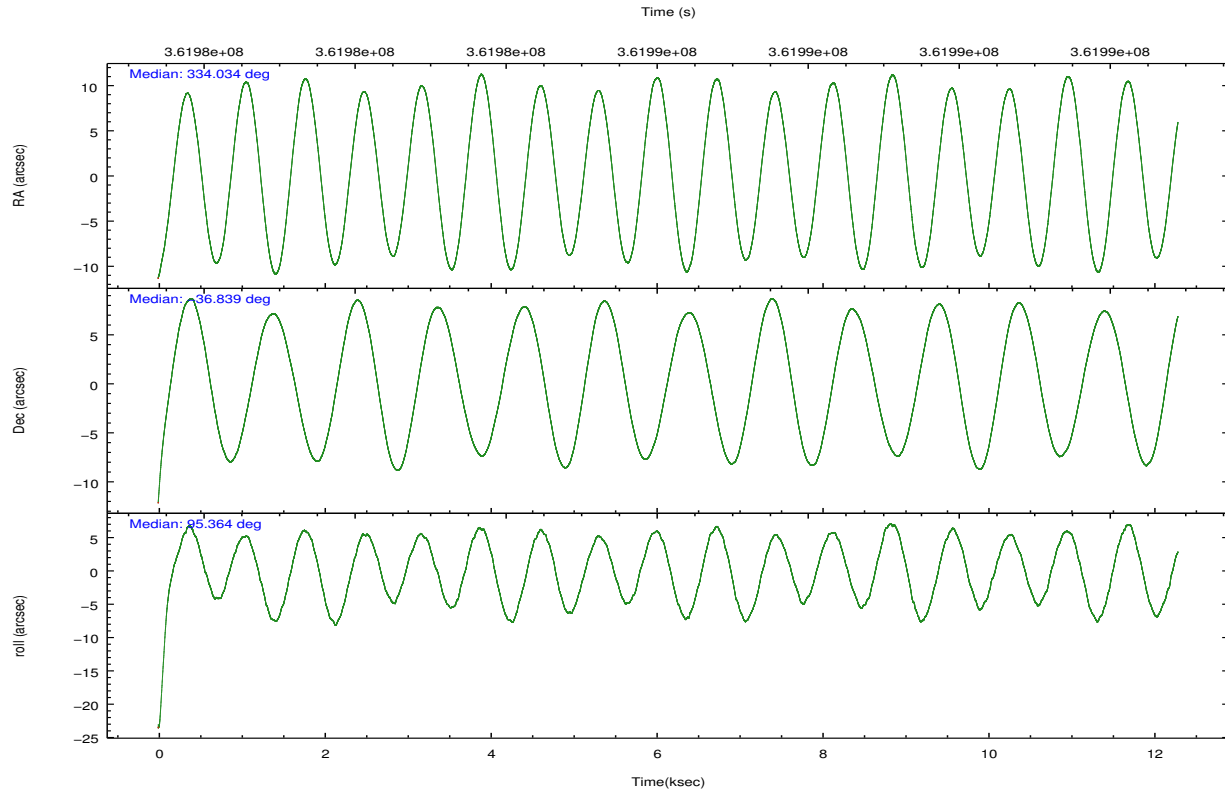
	ccd 7
grade 0 events	3100
	6%
grade 1 events	71
	0%
grade 2 events	5851
	11%
grade 3 events	2934
	5%
grade 4 events	2816
	5%
grade 5 events	5410
	10%
grade 6 events	11902
	23%
grade 7 events	17933
	35%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	334.054432	334.0342333835814	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	-36.861382	-36.83930325057381	Subarray start row	257	257
[deg] Pointing Roll	95.225691	95.37019403786786	Subarray row count	512	512
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	1.5
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	361980177.184000	361979495.34697			
Observation start date	2009-06-21T14:01:51	2009-06-21T13:51:35			
[s] Observation end time (MET)	361992277.184000	361993042.77265			
Observation end date	2009-06-21T17:23:31	2009-06-21T17:37:22			
Read mode	TIMED	TIMED			

2.3 Aspect



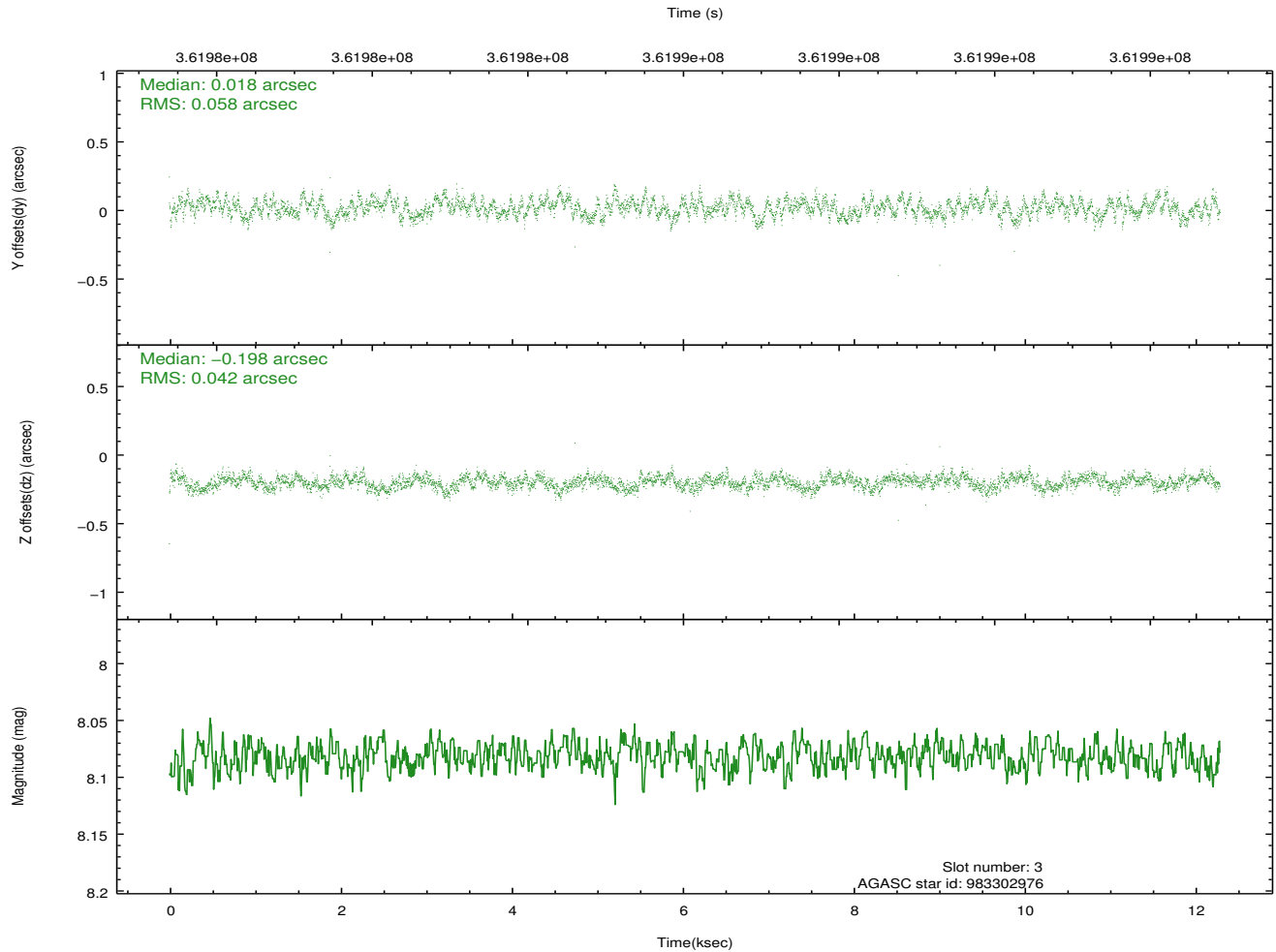
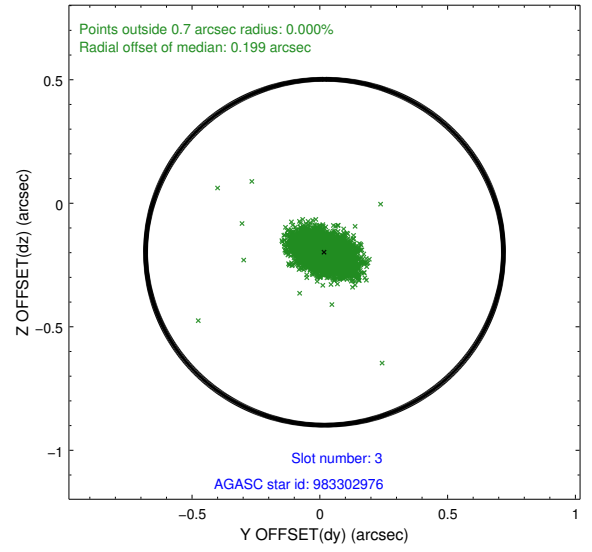
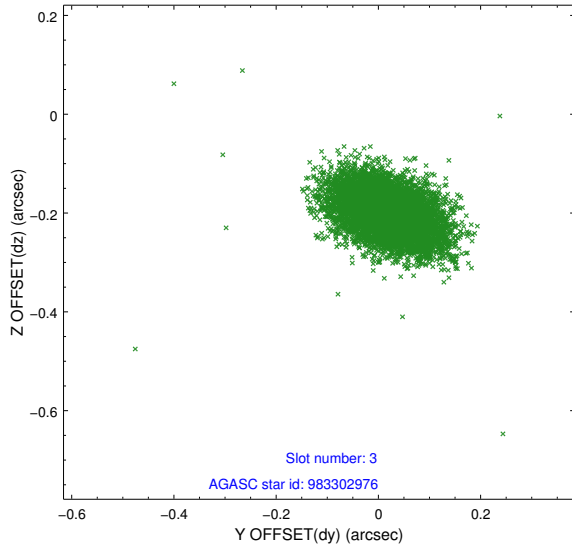


Slot Statistics

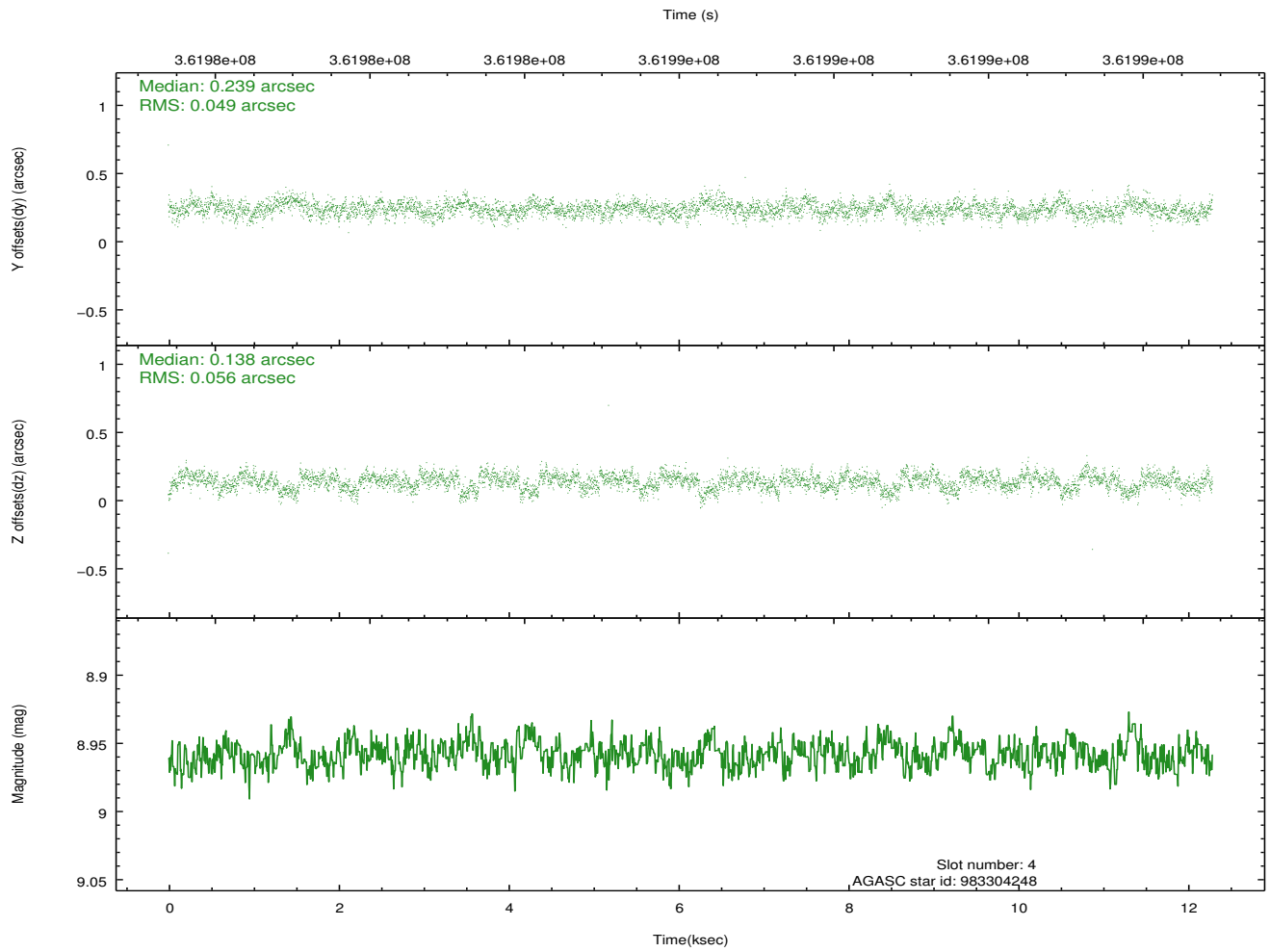
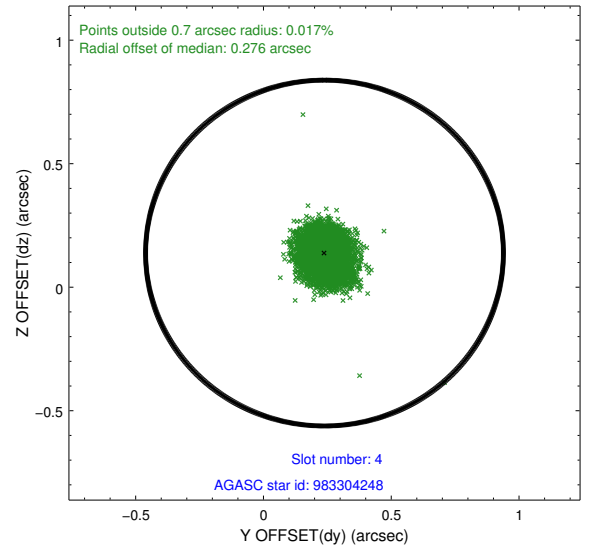
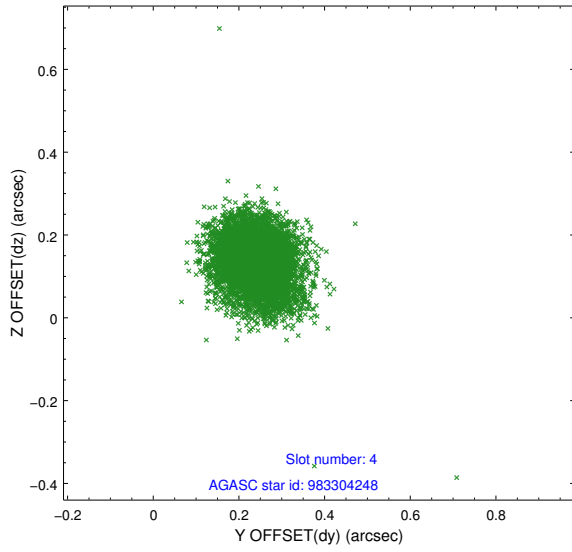
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	2998	-0.092	-0.010	0.007	0.011	0.000000	0.000000	-769.35	-1736.61
1	FID	ACIS-S-4	7.00	2999	0.170	0.047	0.006	0.011	0.000000	0.000000	2143.98	171.54
2	FID	ACIS-S-5	7.04	2999	-0.109	-0.028	0.007	0.012	0.000000	0.000000	-1821.72	165.55
3	GUIDE	983302976	8.08	5993	0.018	-0.198	0.075	0.124	333.349793	-37.484046	-2056.66	2208.74
4	GUIDE	983304248	8.96	5993	0.239	0.138	0.078	0.128	334.308844	-37.410454	-2035.51	-543.87
5	GUIDE	983309440	8.27	5994	-0.128	-0.206	0.072	0.114	333.697516	-36.554852	1189.75	928.53
6	GUIDE	983309640	7.65	5996	0.013	0.049	0.069	0.111	334.570582	-36.595765	812.78	-1572.04
7	GUIDE	983311656	8.71	5996	-0.145	0.222	0.076	0.126	334.740976	-36.634502	626.03	-2048.65

2.4 Star Slots

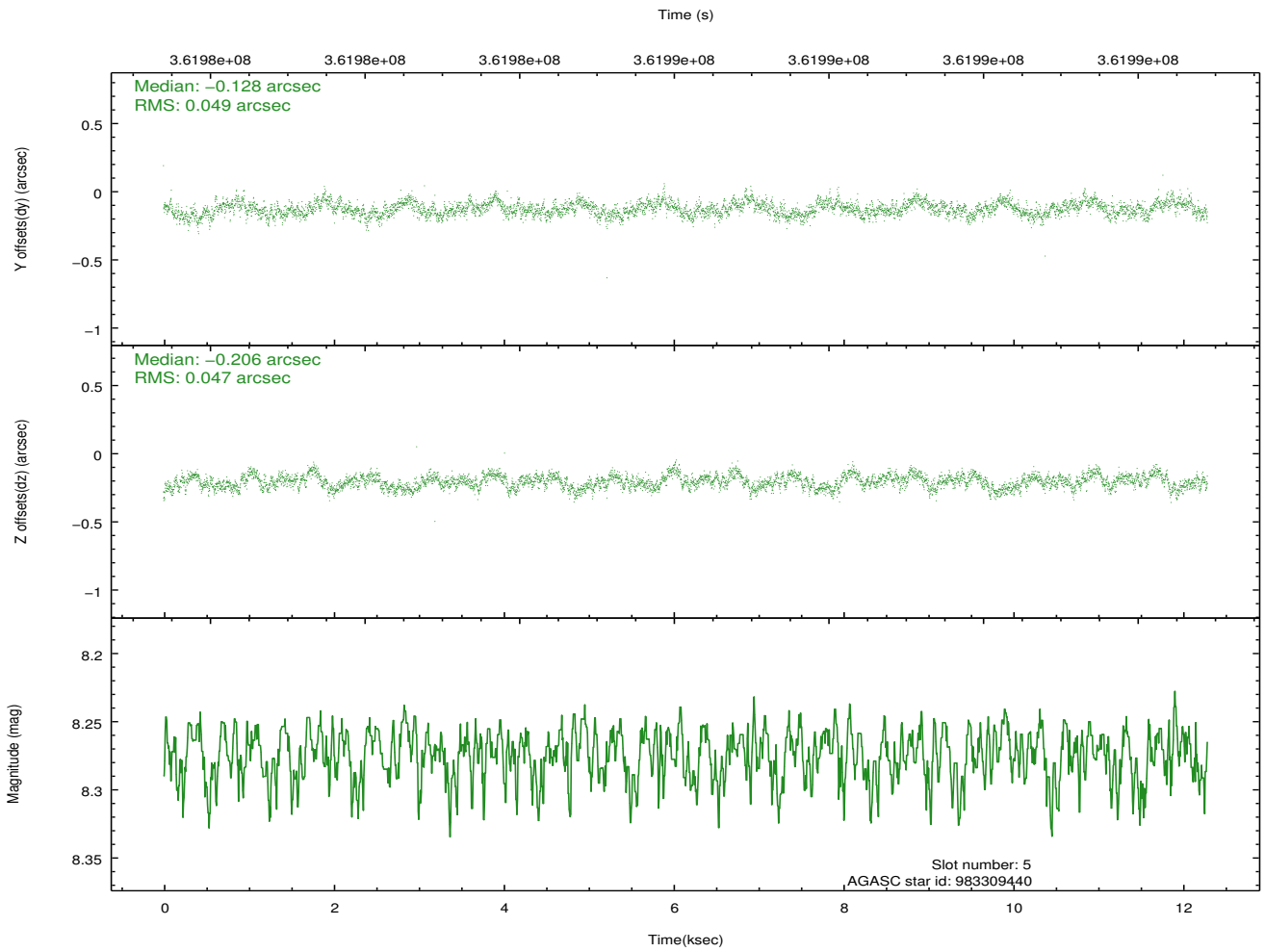
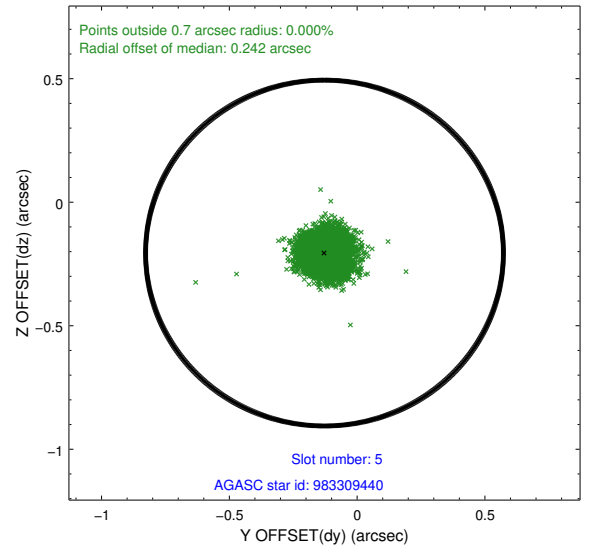
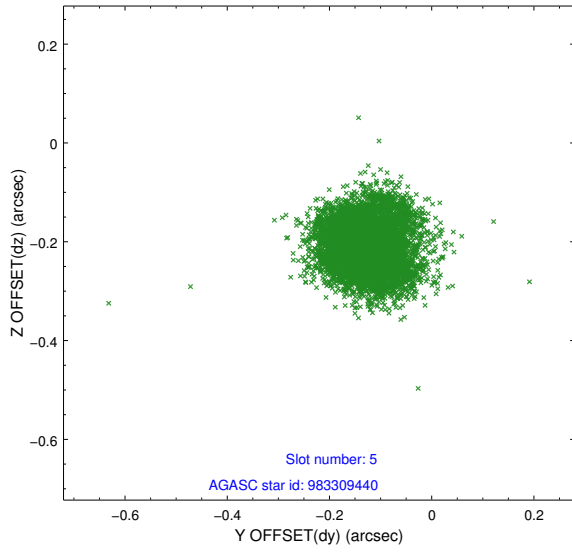
2.4.1 Slot 3



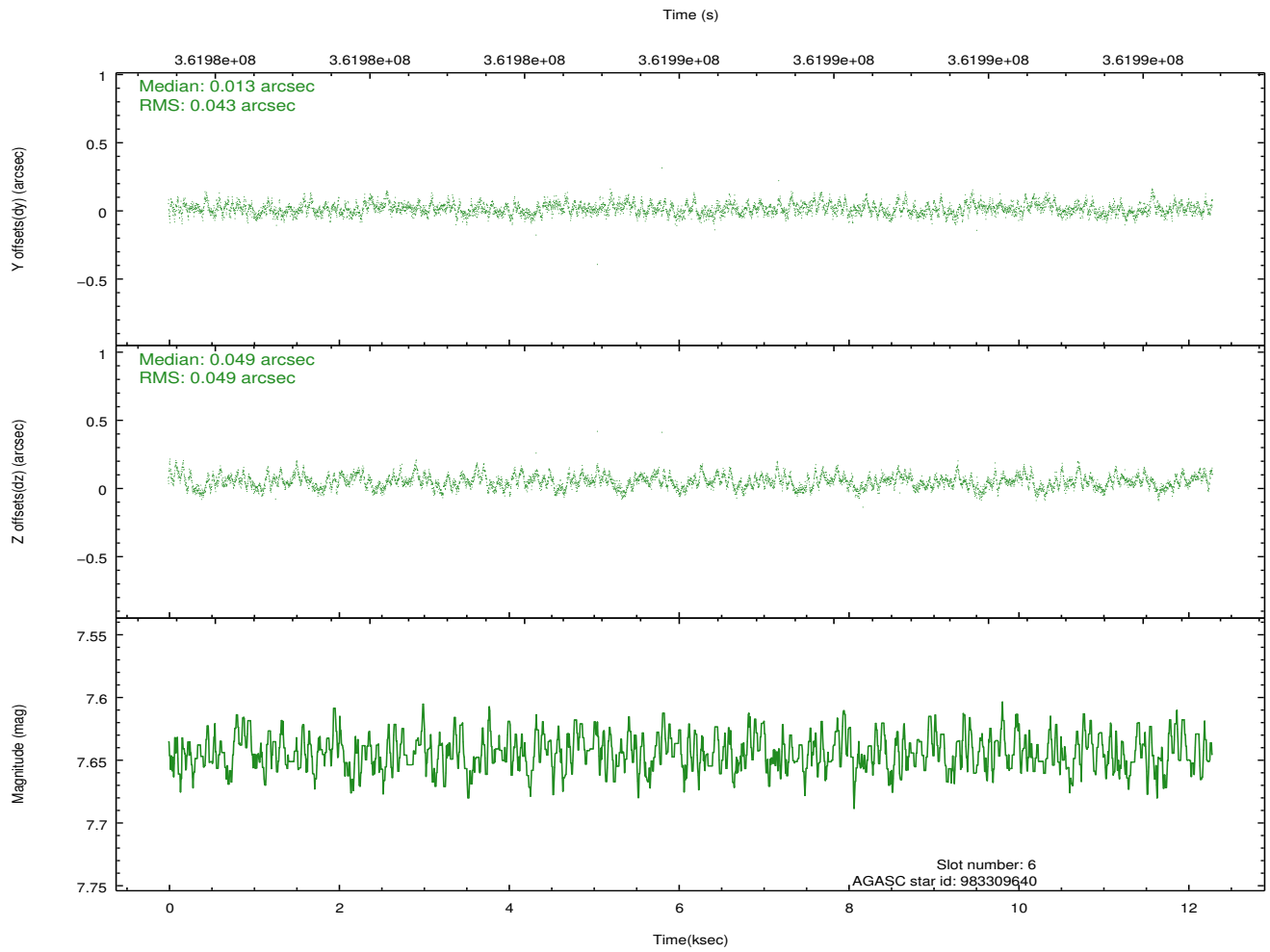
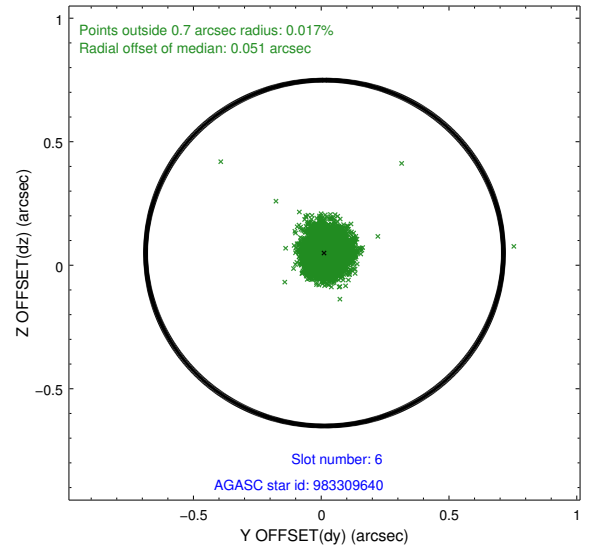
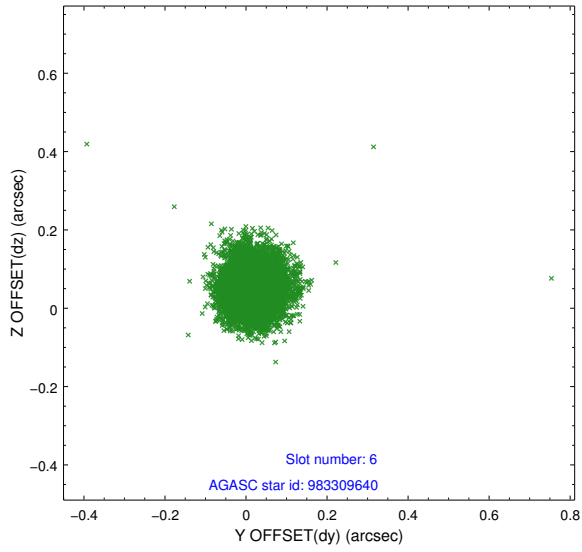
2.4.2 Slot 4



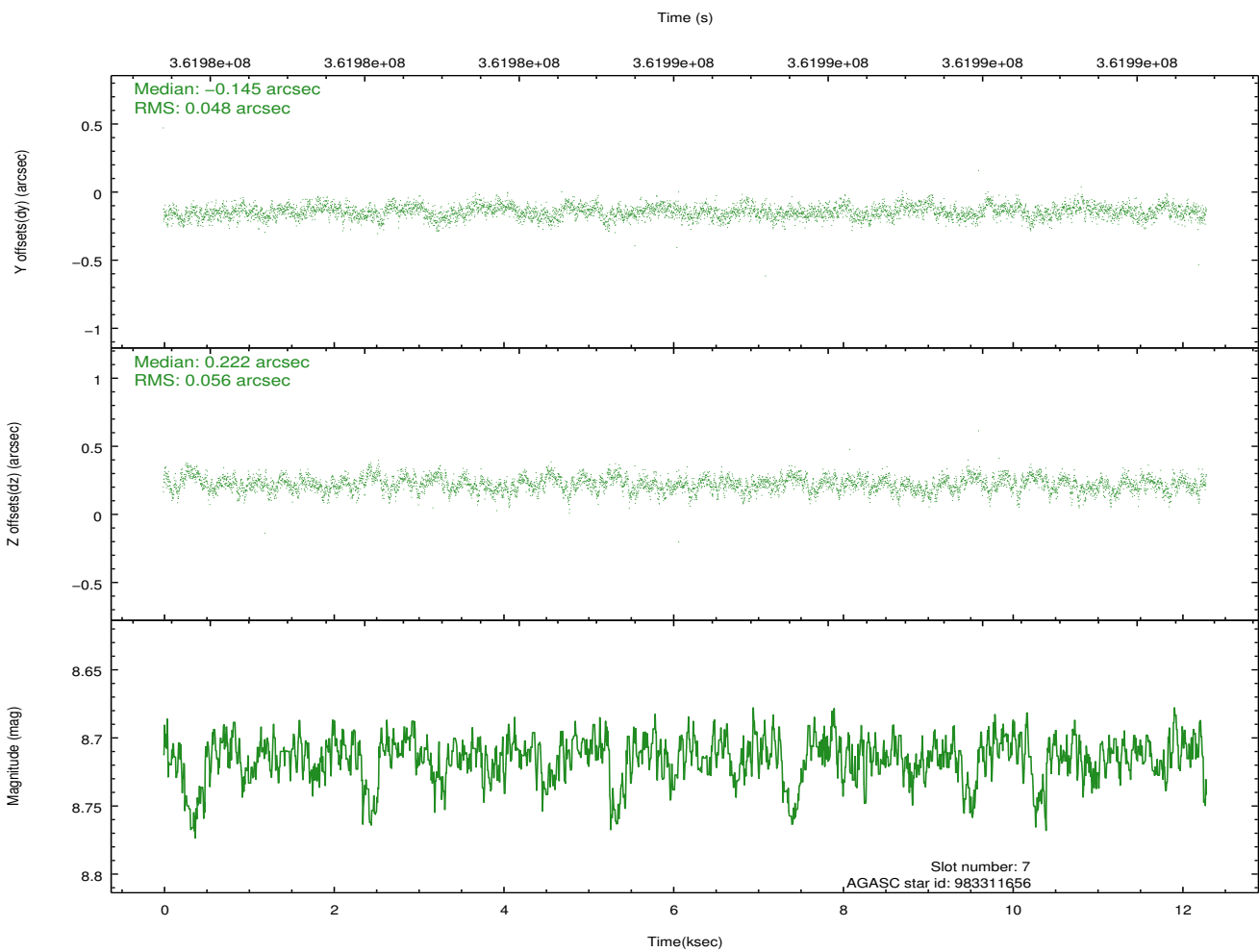
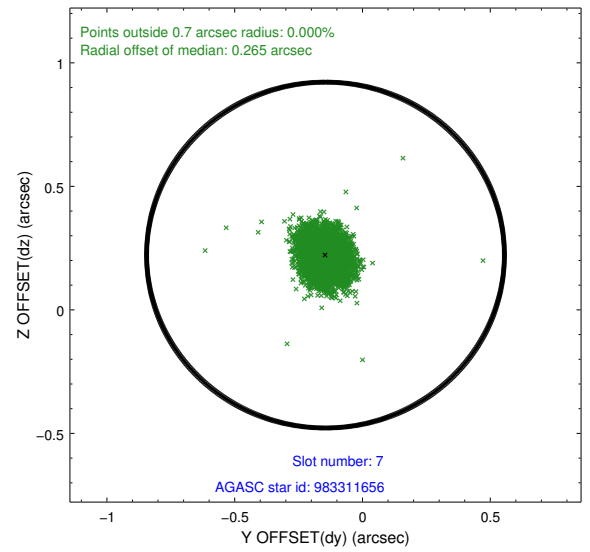
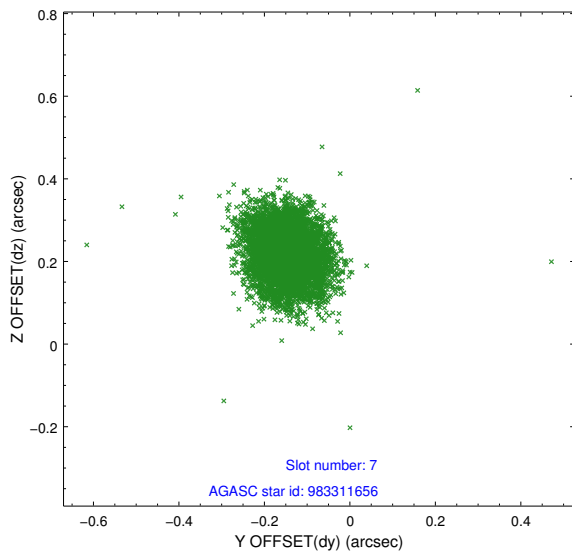
2.4.3 Slot 5



2.4.4 Slot 6

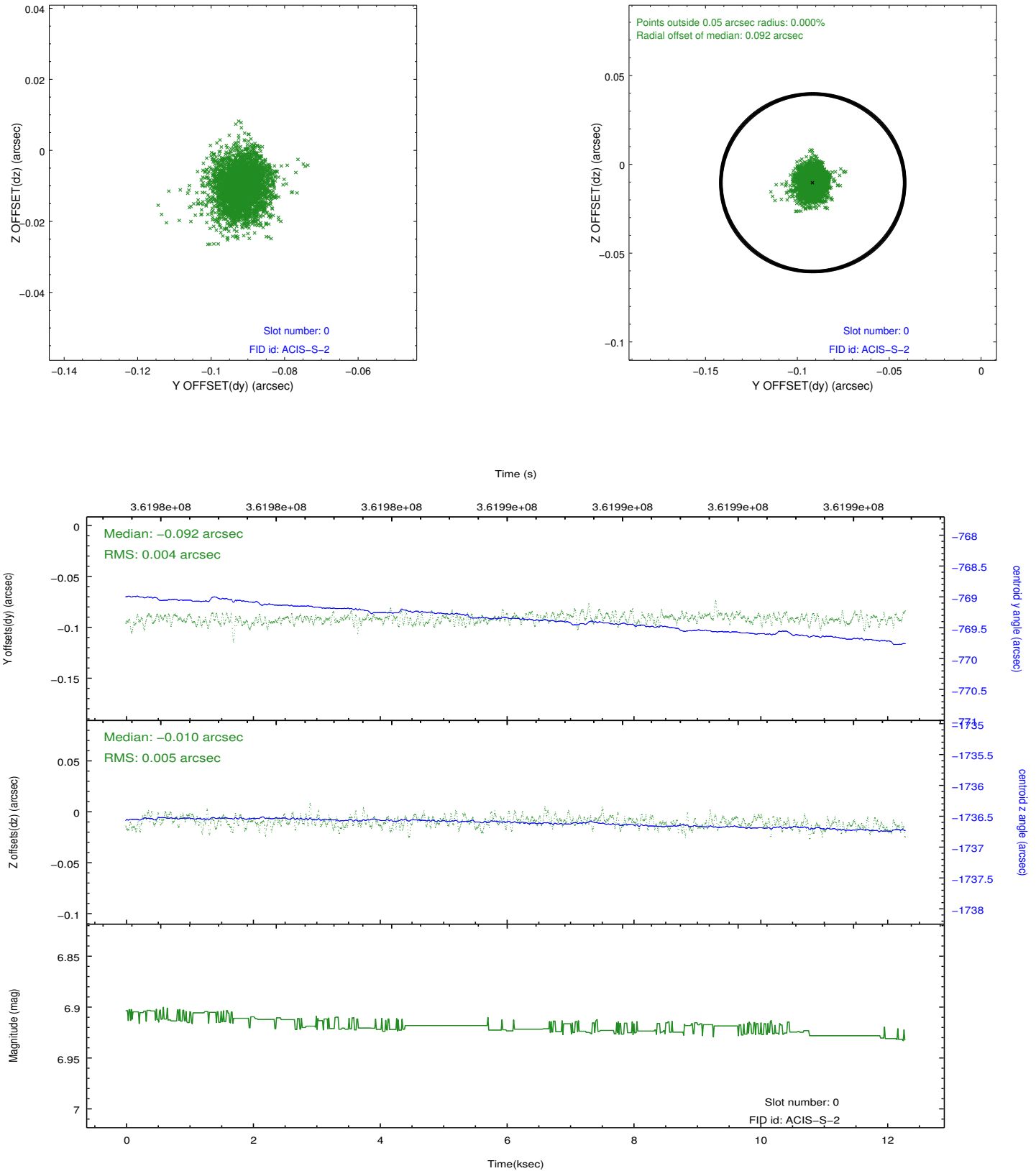


2.4.5 Slot 7

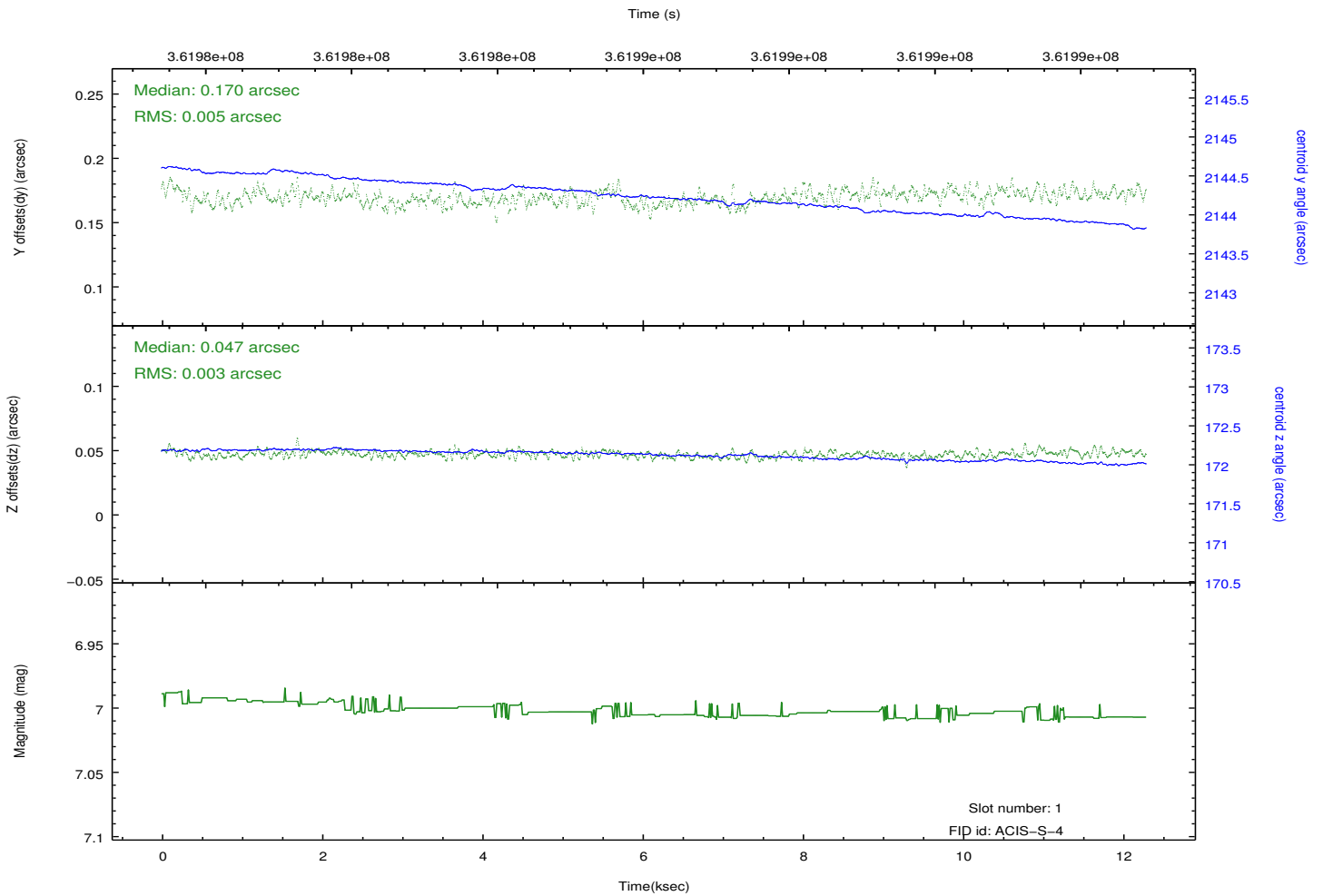
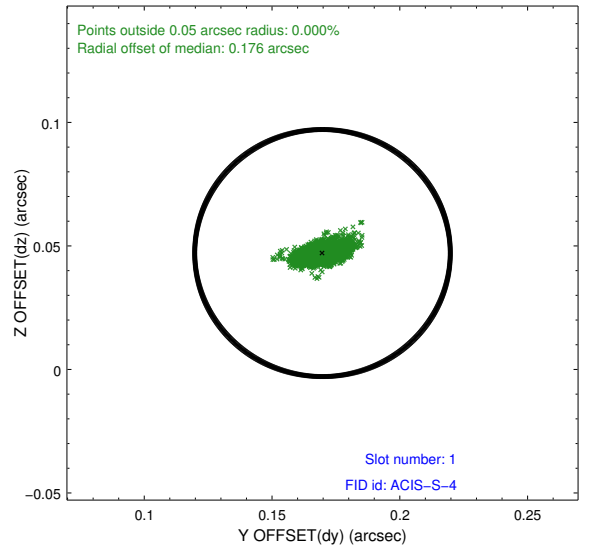
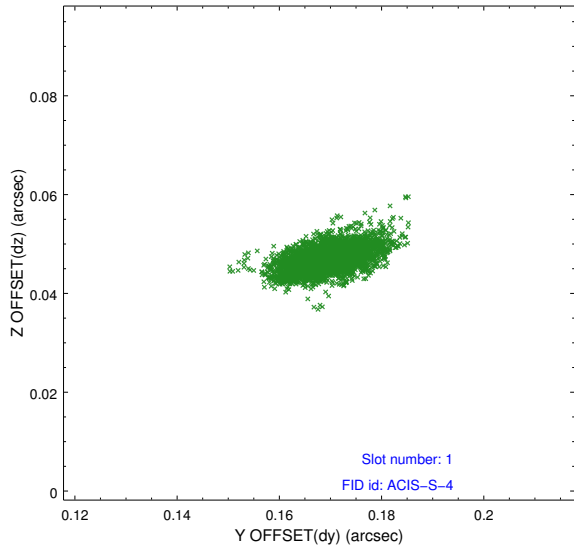


2.5 FID Slots

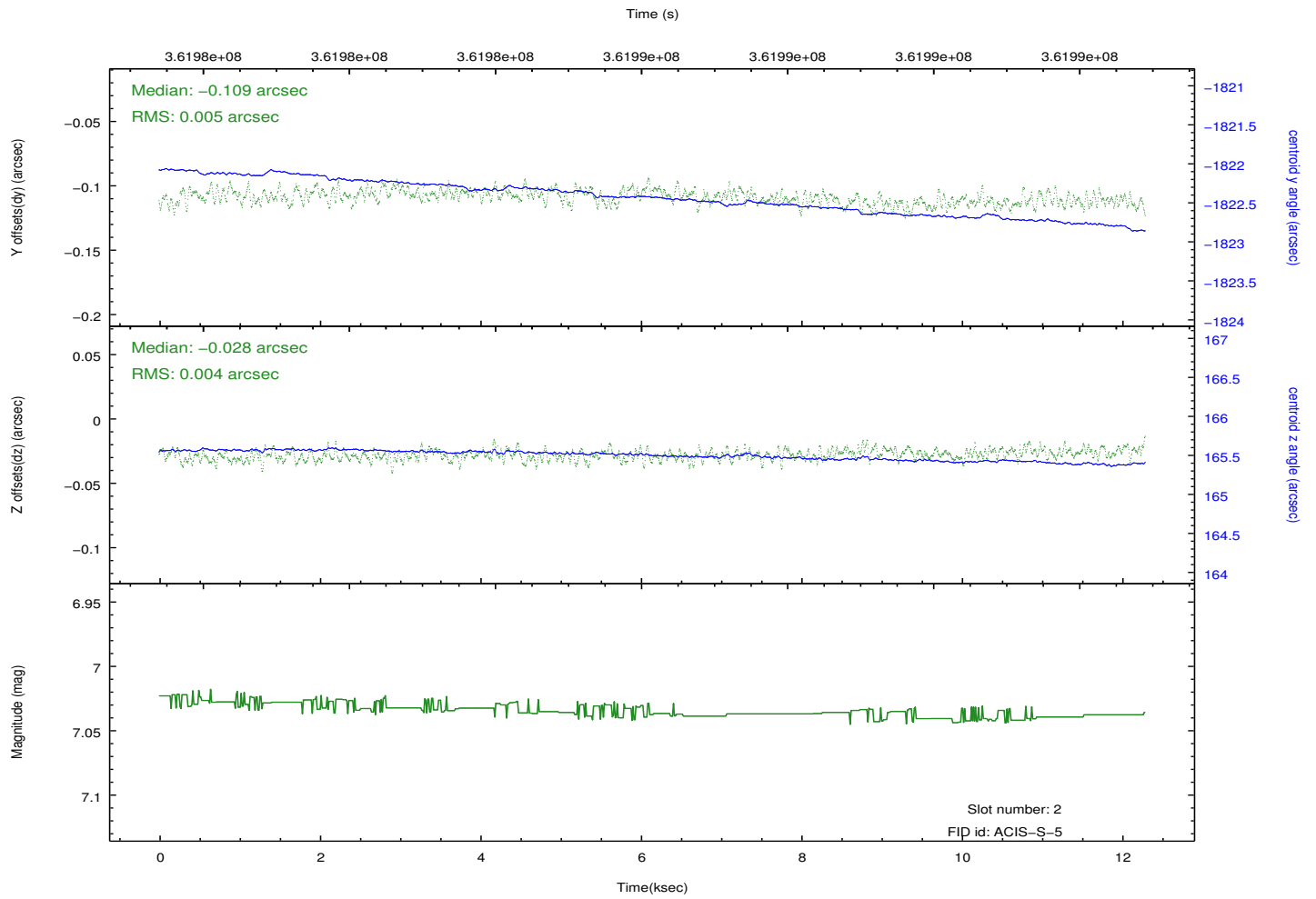
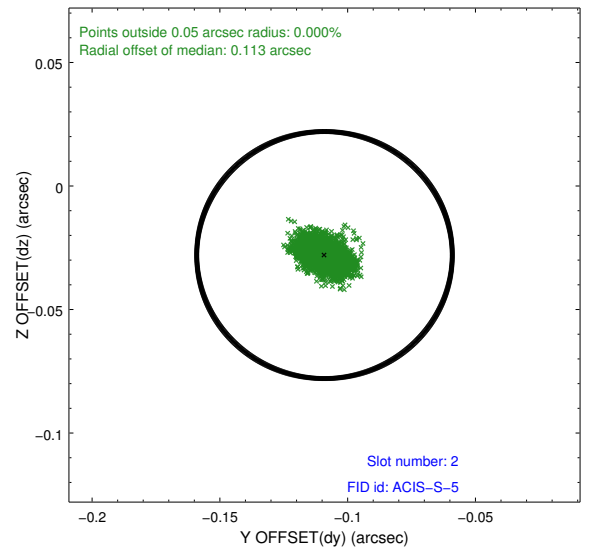
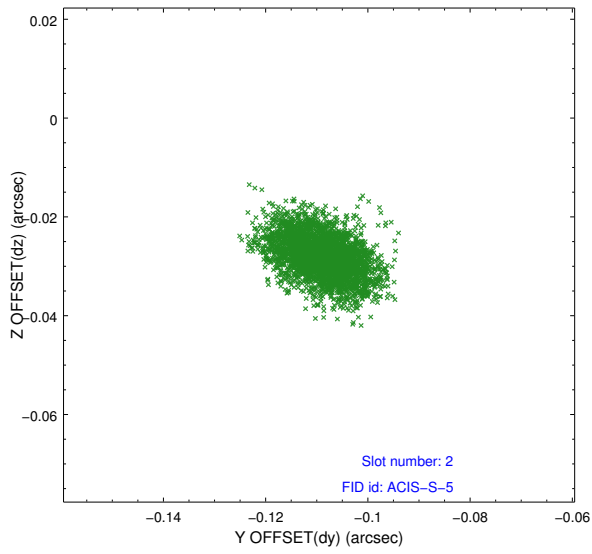
2.5.1 Slot 0



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)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.288

A.2 Comments