

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9296 - L2 Version 2
Chandra X-Ray Center

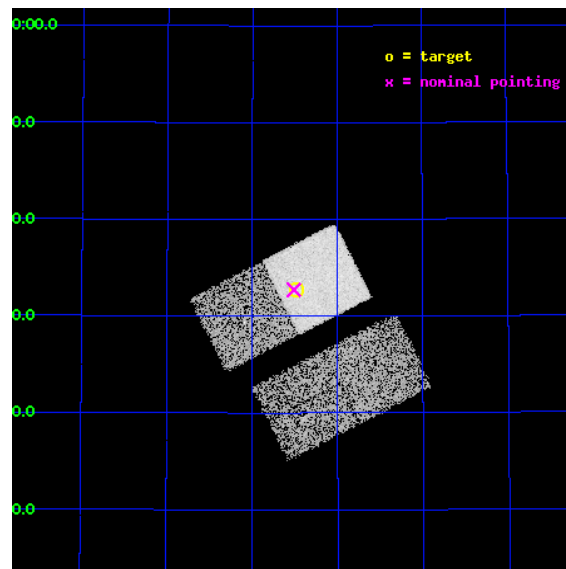
L2 Processing Date : May 11 2012

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1 Front

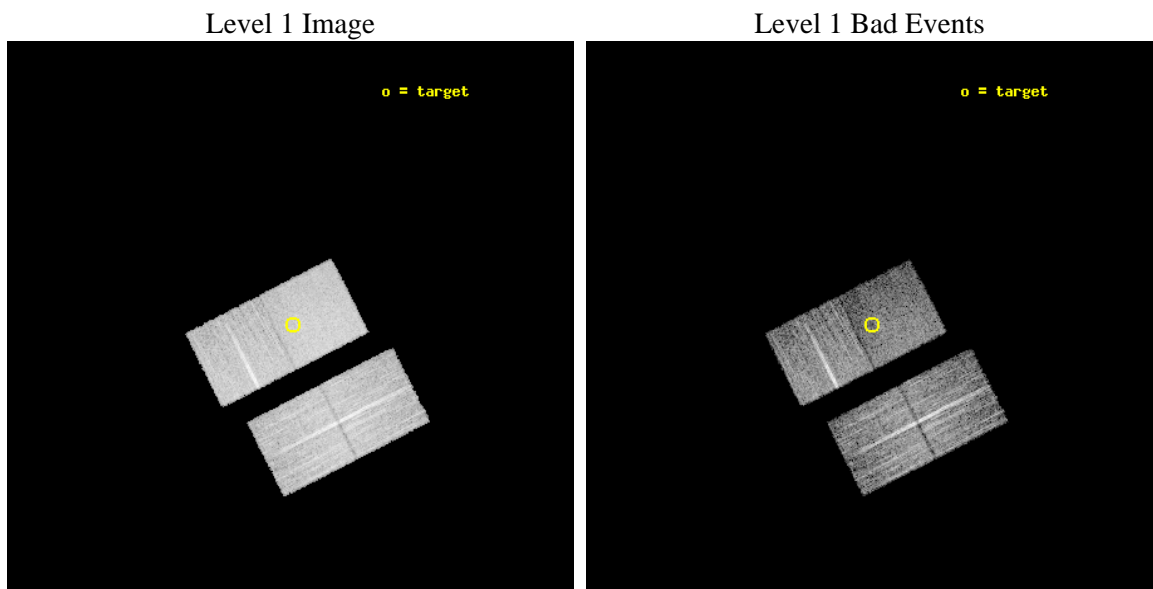
seq_num	701736	Sequence number
obs_id	9296	Observation id
title	Towards a Complete Sample: 3CR Extragalactic Radio Sources with $z < 0.3$	Proposal title
observer	Dr. Daniel Harris	Principal investigator
object	3C52	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	27.119583	Observer's specified target RA [deg]
dec_targ	53.545	Observer's specified target Dec [deg]
ra_nom	27.127786382511	Nominal RA [deg]
dec_nom	53.545412148878	Nominal Dec [deg]
roll_nom	333.03421395403	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8128.2000625134	Sum of GTIs [s]
livetime	8021.9991448028	Livetime [s]
ontime2	8128.2000625134	Sum of GTIs [s]
ontime3	8125.0591320992	Sum of GTIs [s]
ontime6	8128.2000625134	Sum of GTIs [s]
ontime7	8128.2000625134	Sum of GTIs [s]
l2events	49759	Number of level 2 events



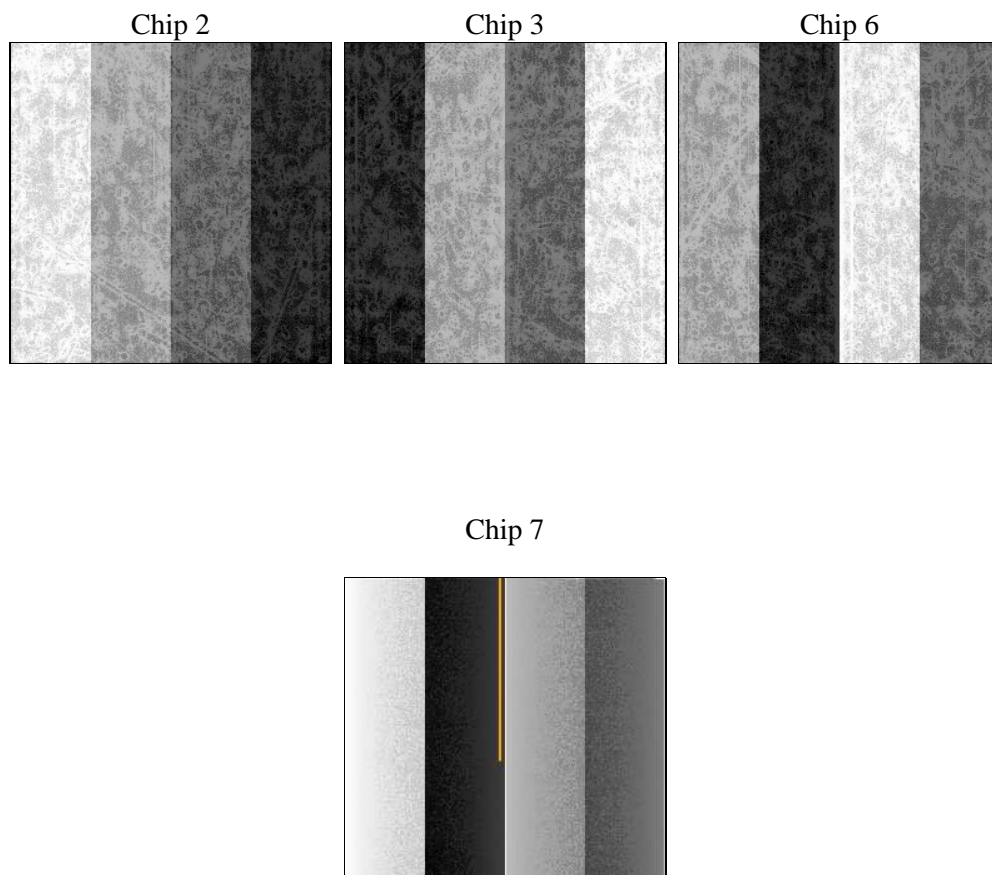
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8128.2000625134	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	8128.2000625134	Sum of GTIs [s]
date	2012-05-12T00:22:42	Date and time of file creation	ontime3	8125.0591320992	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8128.2000625134	Sum of GTIs [s]
			ontime7	8128.2000625134	Sum of GTIs [s]
			l1events	281897	Number of level 1 events

2.1.4 Events

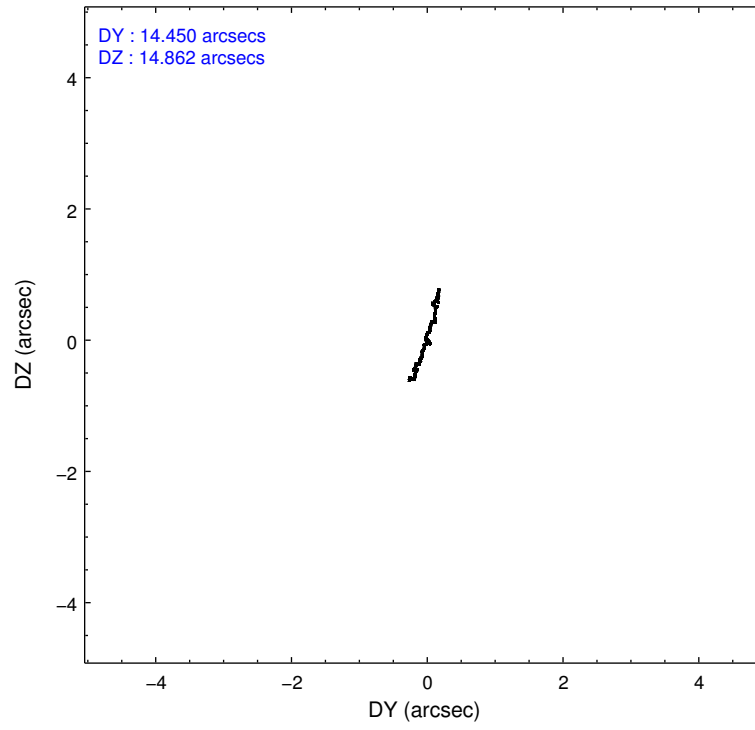
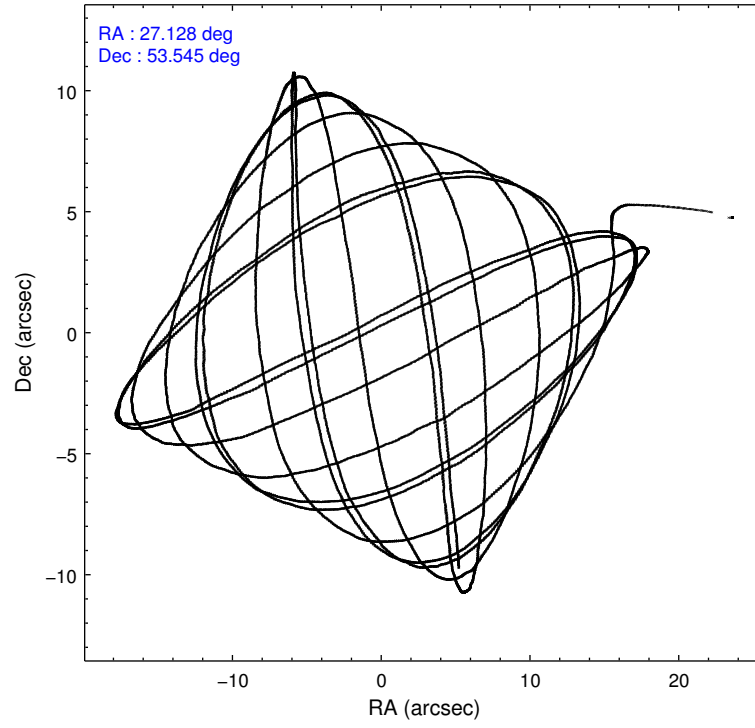
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	68979	66907	69070	76941
rejected events	62499	60703	62277	42891
rejected %	90%	90%	90%	55%

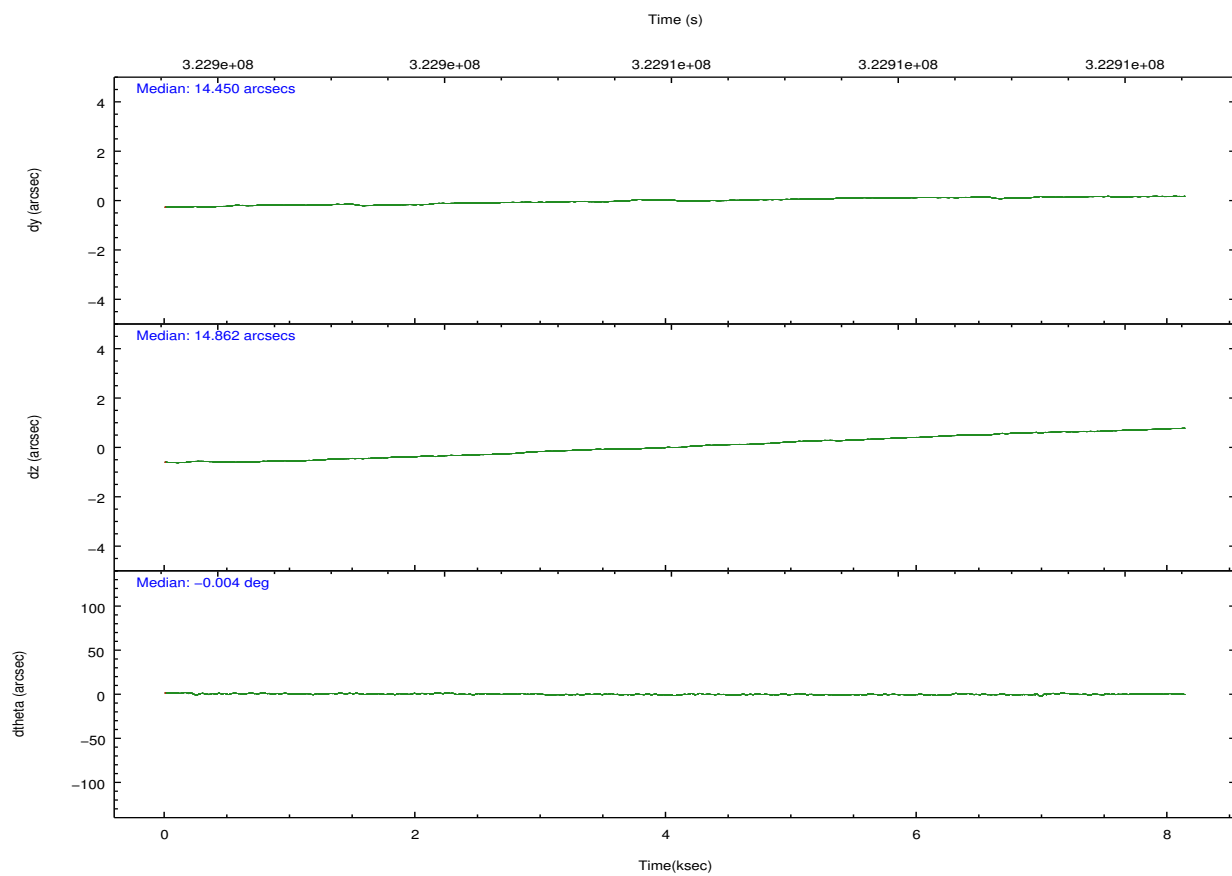
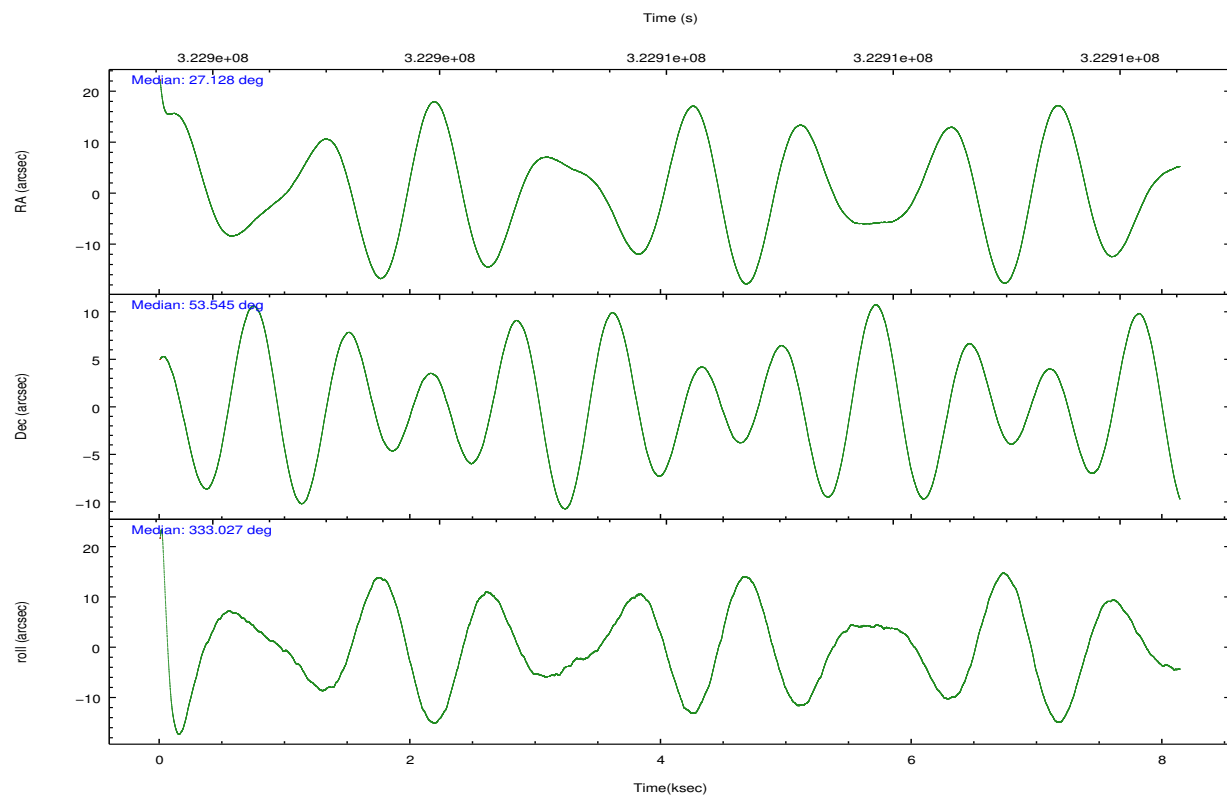
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2404	2215	2400	3299
	3%	3%	3%	4%
grade 1 events	44	34	41	86
	0%	0%	0%	0%
grade 2 events	1602	1378	1629	7236
	2%	2%	2%	9%
grade 3 events	722	735	740	3245
	1%	1%	1%	4%
grade 4 events	720	764	744	3206
	1%	1%	1%	4%
grade 5 events	2299	2721	2748	8018
	3%	4%	3%	10%
grade 6 events	1270	1345	1504	18285
	1%	2%	2%	23%
grade 7 events	59918	57715	59264	33566
	86%	86%	85%	43%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	27.081803	27.12778638251139	Subarray requested	NONE	NONE
[deg] Pointing Dec	53.543575	53.54541214887827	Alternating exposures requested	N	N
[deg] Pointing Roll	332.914503	333.0342139540269	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	322902096.184000	322901038.598			
Observation start date	2008-03-26T07:00:31	2008-03-26T06:43:58			
[s] Observation end time (MET)	322910096.184000	322910792.49847			
Observation end date	2008-03-26T09:13:51	2008-03-26T09:26:32			
Read mode	TIMED	TIMED			

2.3 Aspect



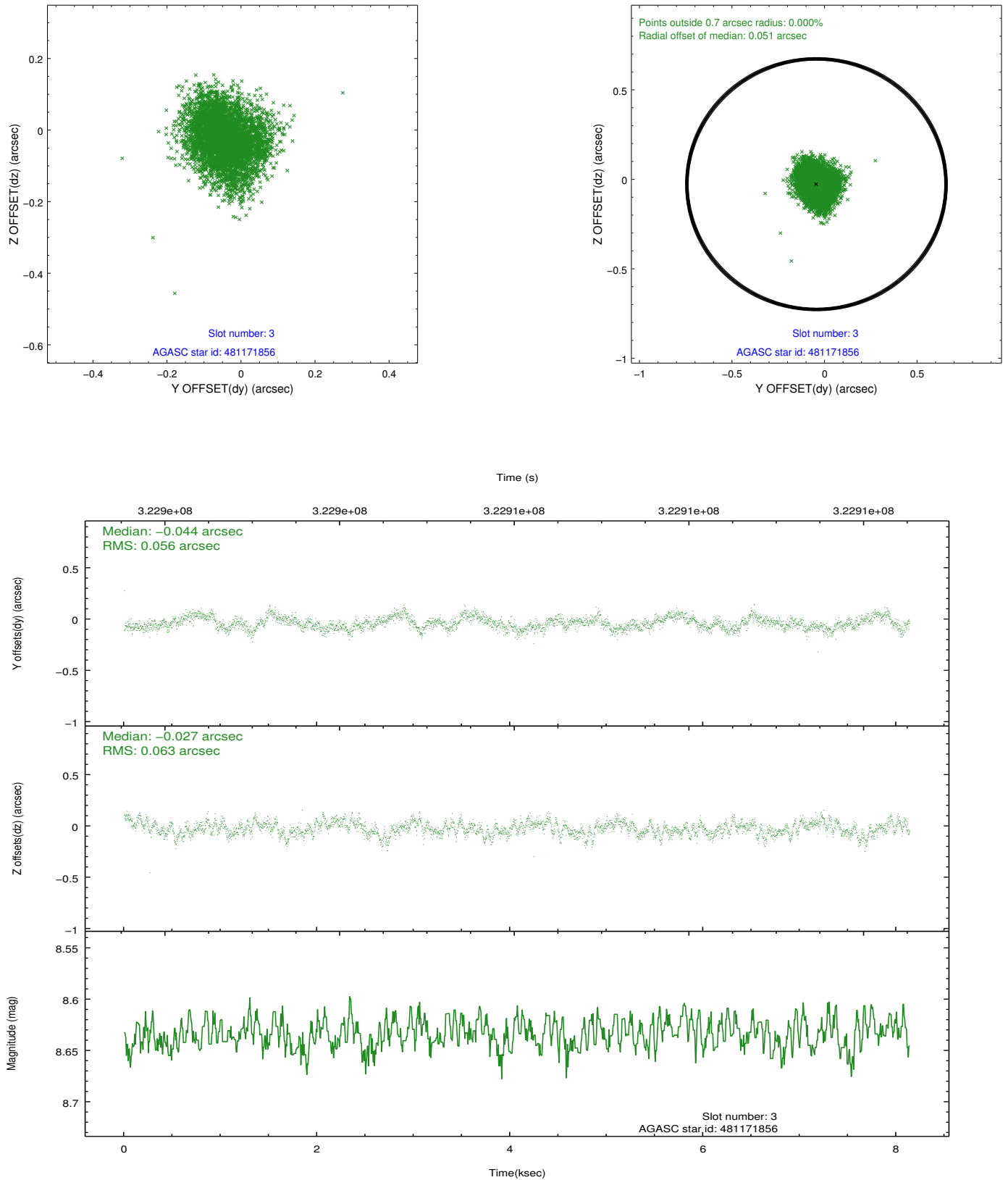


Slot Statistics

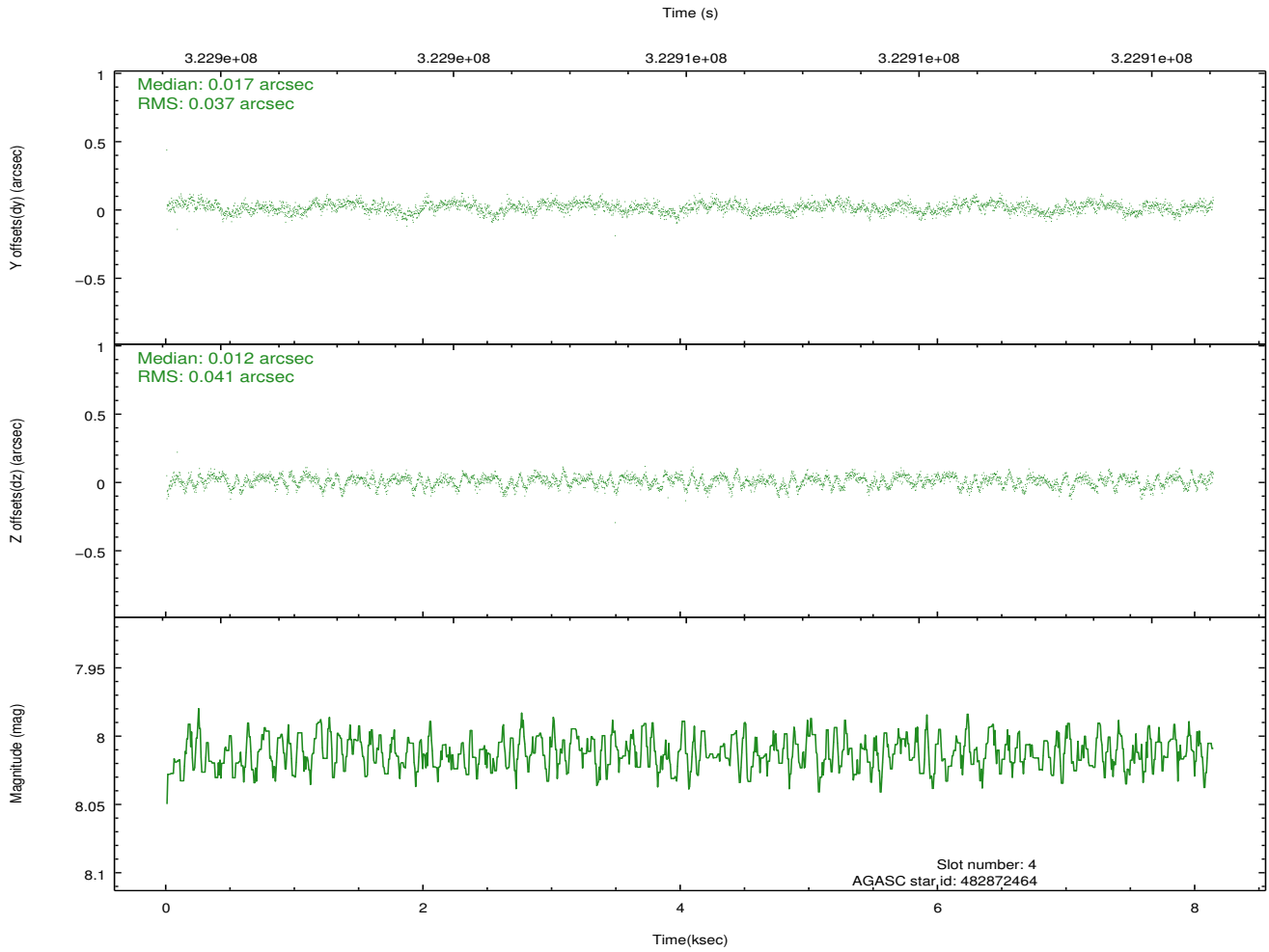
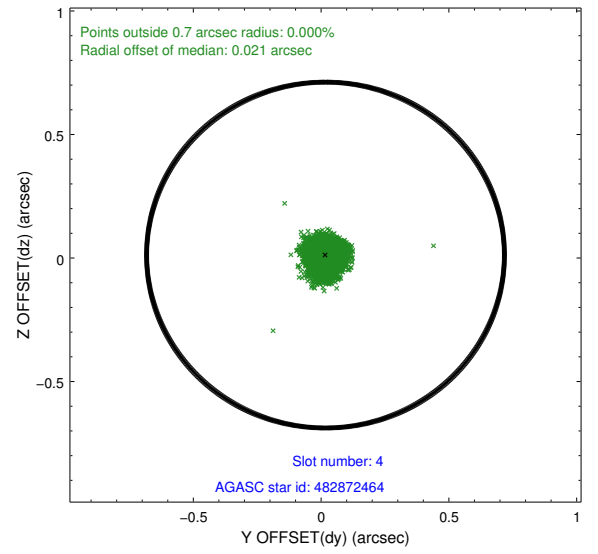
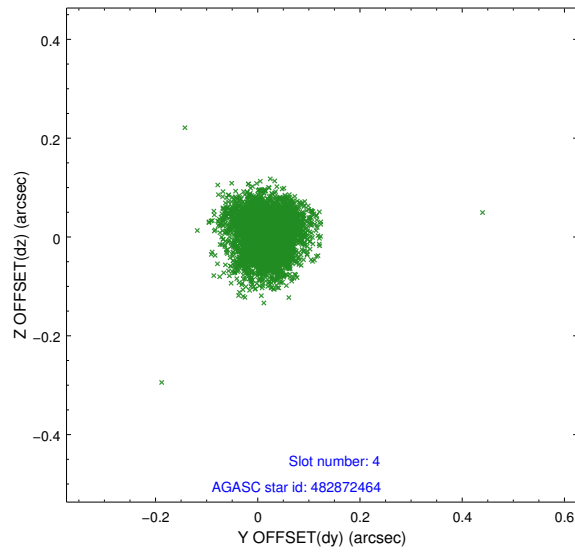
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1985	-0.092	-0.039	0.014	0.022	0.000000	0.000000	-767.47	-1736.27
1	FID	ACIS-S-4	7.18	1985	0.213	0.054	0.008	0.013	0.000000	0.000000	2145.79	171.62
2	FID	ACIS-S-5	7.22	1985	-0.155	-0.007	0.014	0.022	0.000000	0.000000	-1819.50	165.98
3	GUIDE	481171856	8.63	3966	-0.044	-0.027	0.090	0.141	26.410343	53.088192	-548.75	-2114.74
4	GUIDE	482872464	8.01	3967	0.017	0.012	0.058	0.092	27.078003	53.248806	475.97	-949.10
5	GUIDE	482880120	7.89	3969	0.021	-0.030	0.076	0.125	26.926291	54.004484	-1048.56	1327.35
6	GUIDE	482879128	8.41	3968	0.076	0.086	0.067	0.109	28.109156	53.900861	1346.87	2151.80
7	GUIDE	482875944	8.40	3967	-0.072	-0.039	0.071	0.113	28.224736	53.870771	1614.78	2171.34

2.4 Star Slots

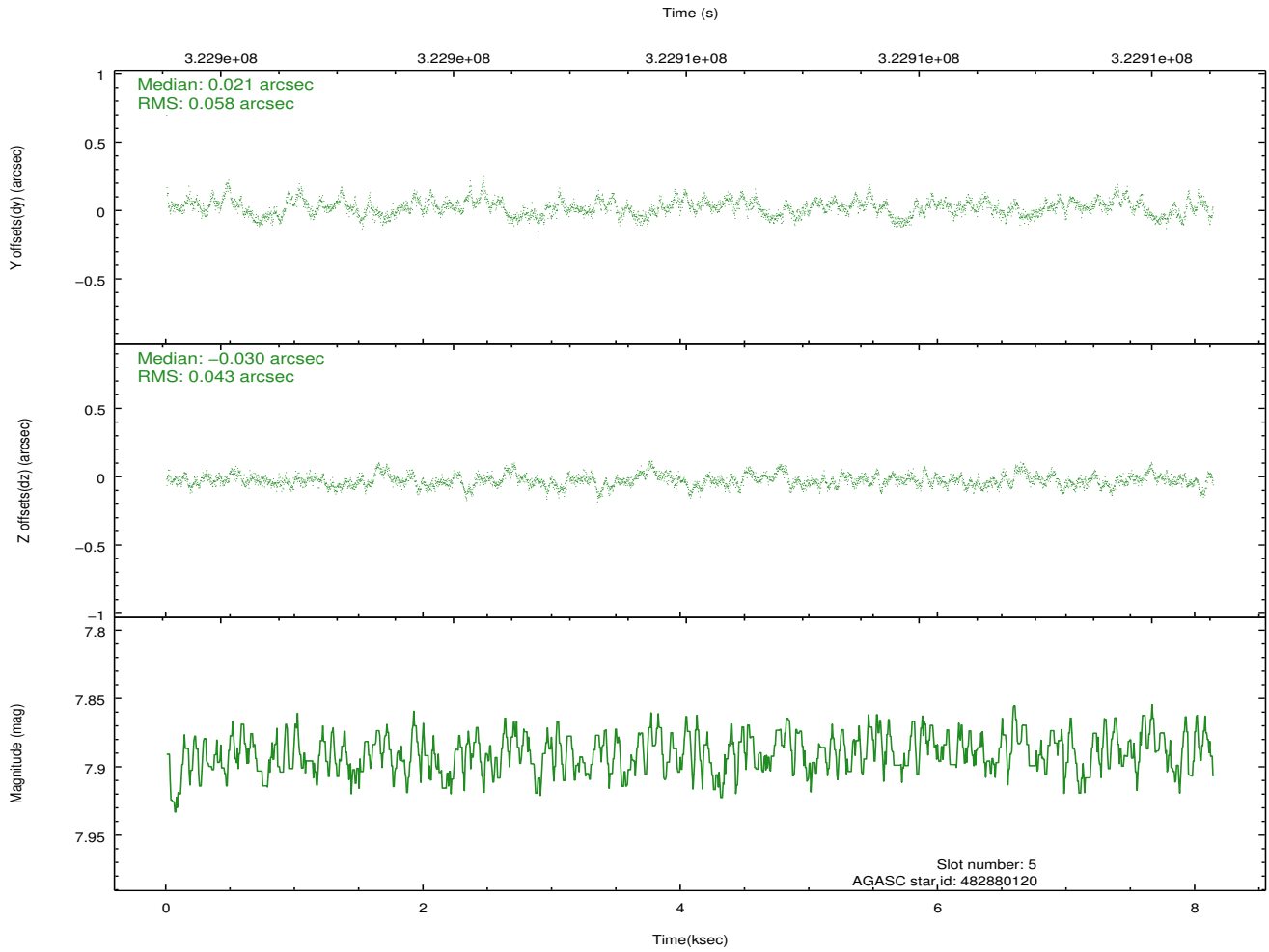
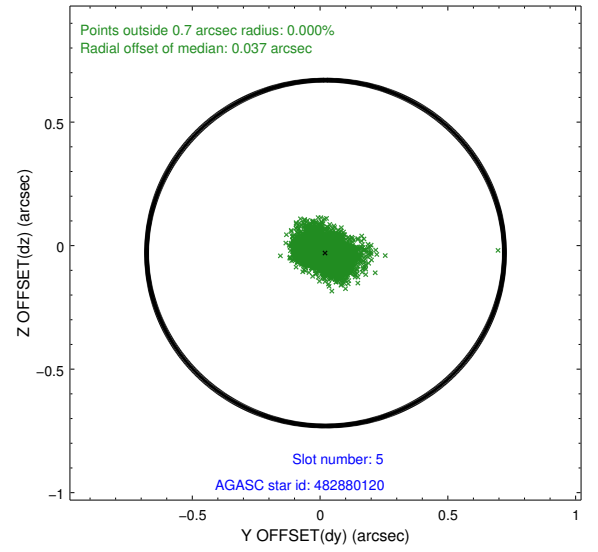
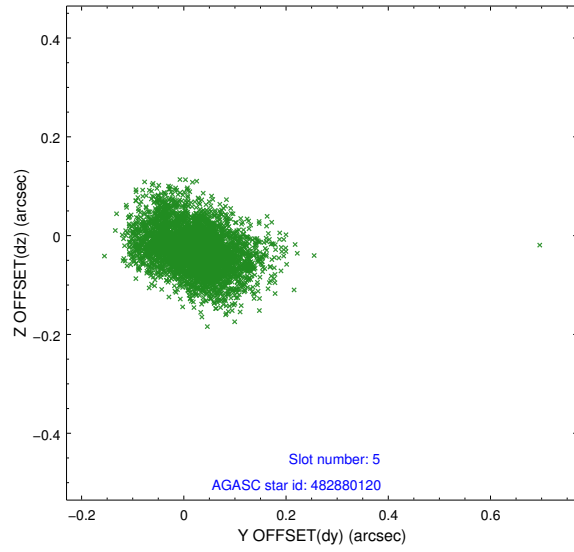
2.4.1 Slot 3



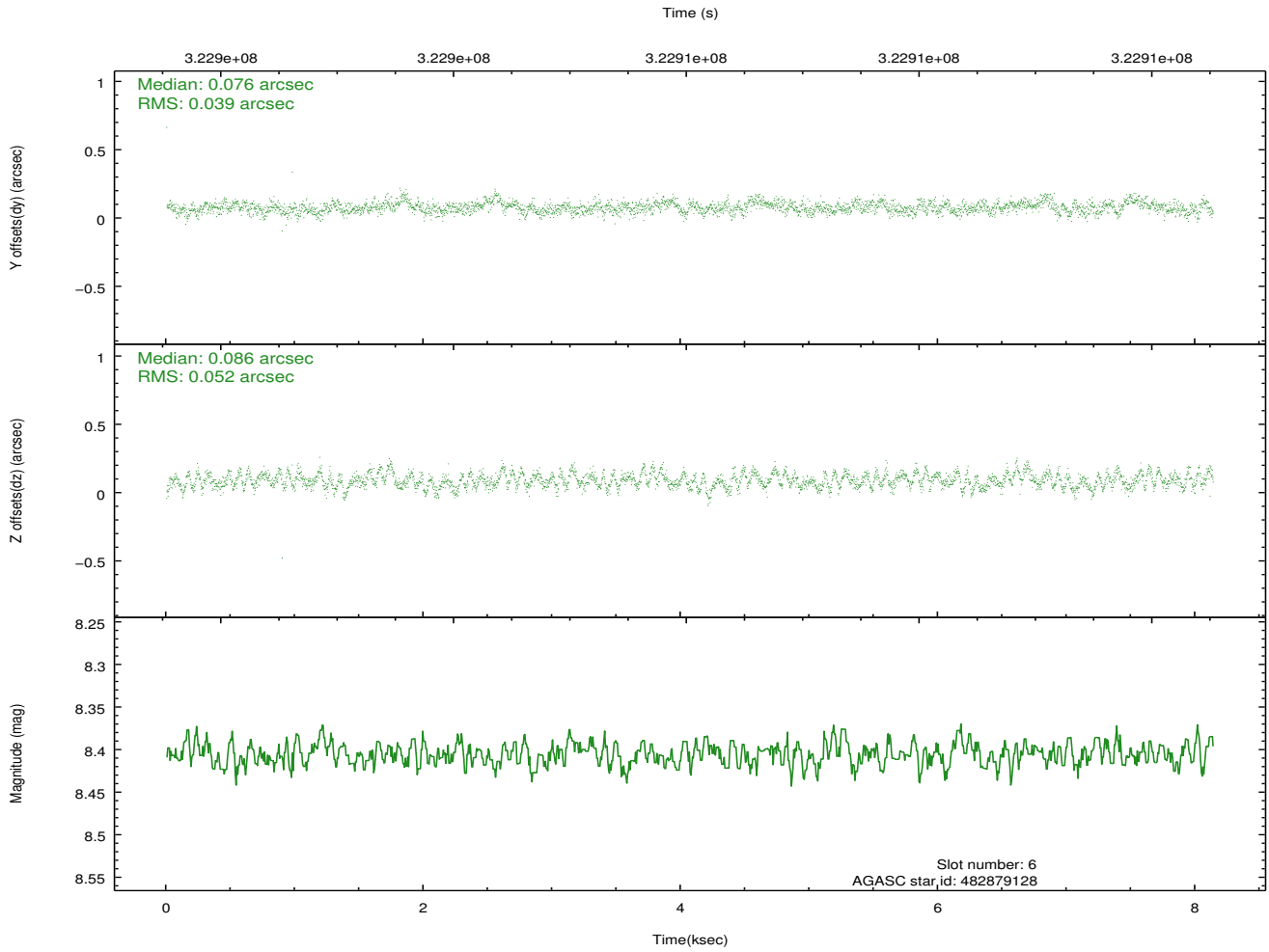
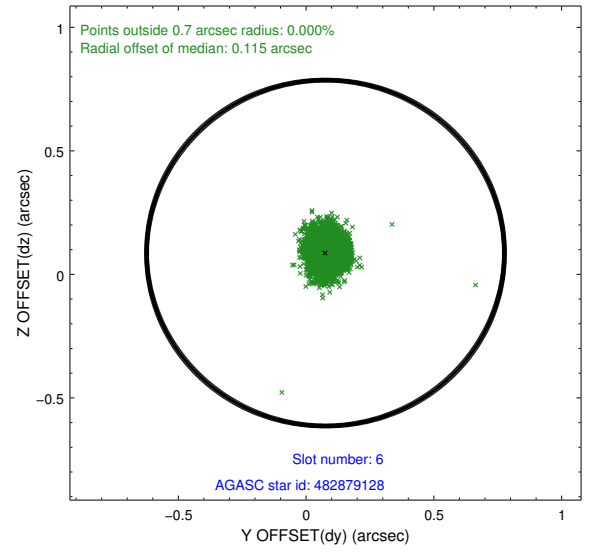
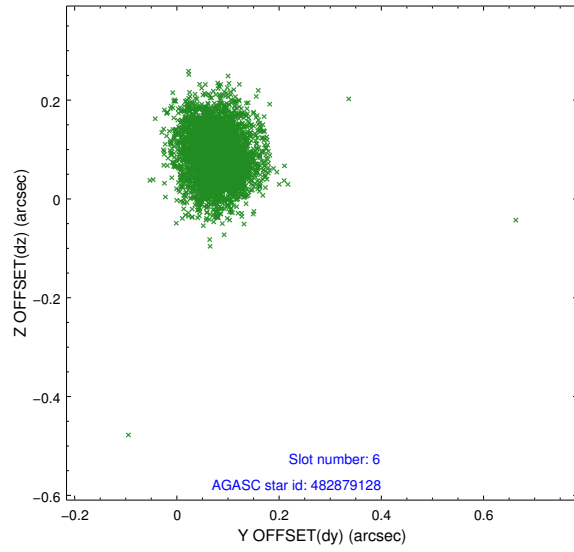
2.4.2 Slot 4



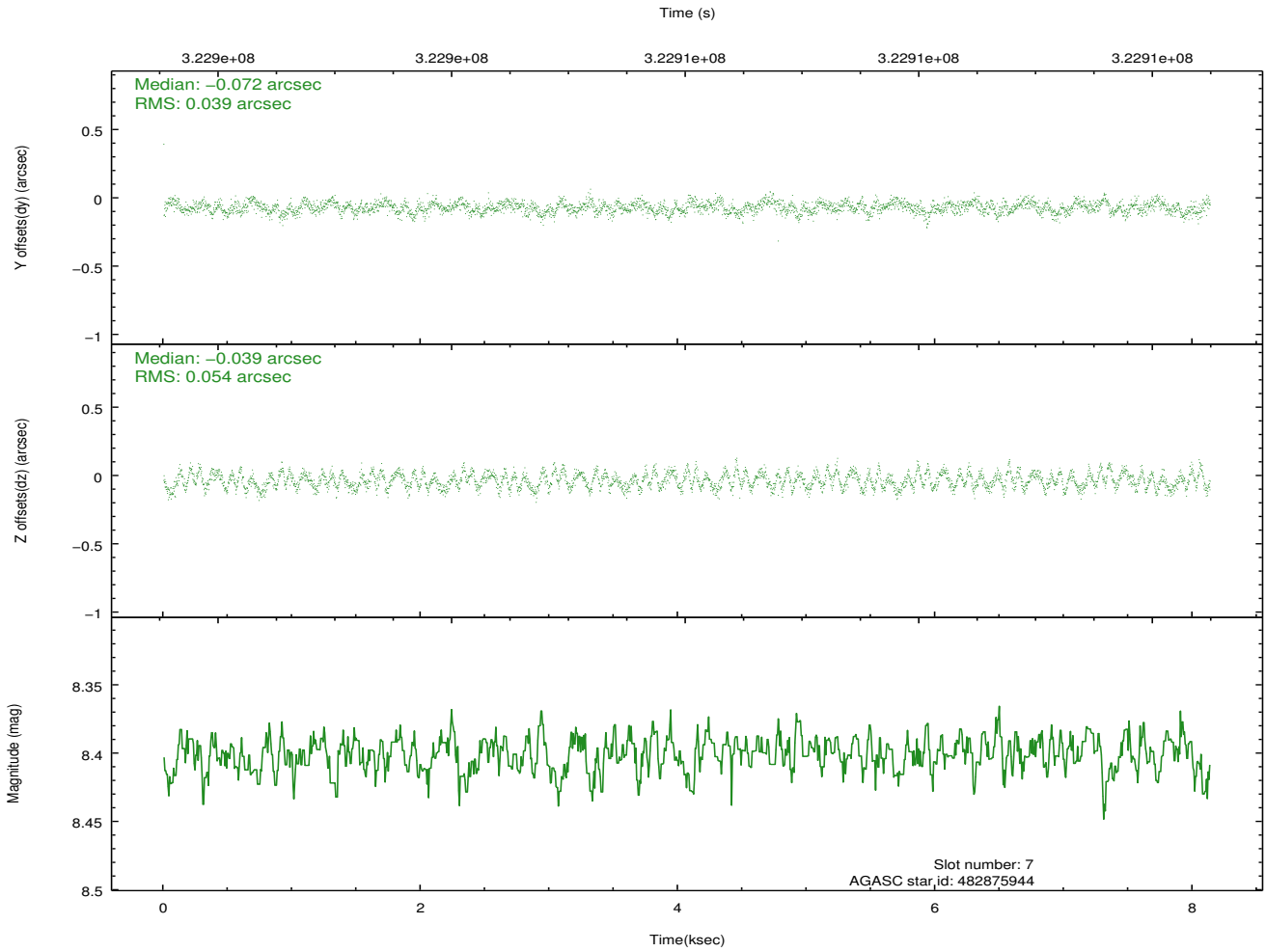
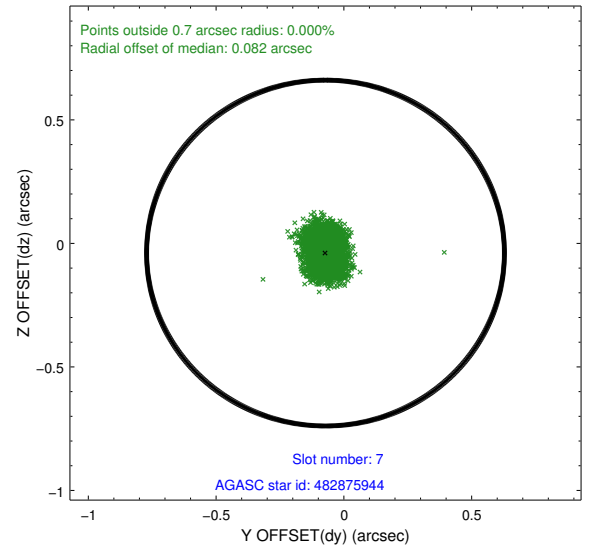
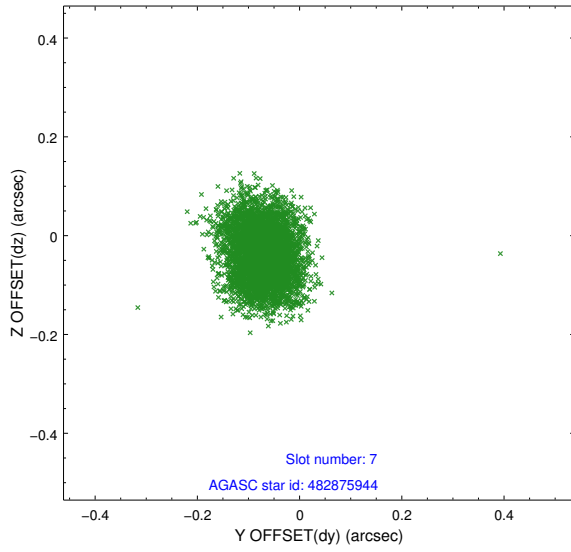
2.4.3 Slot 5



2.4.4 Slot 6

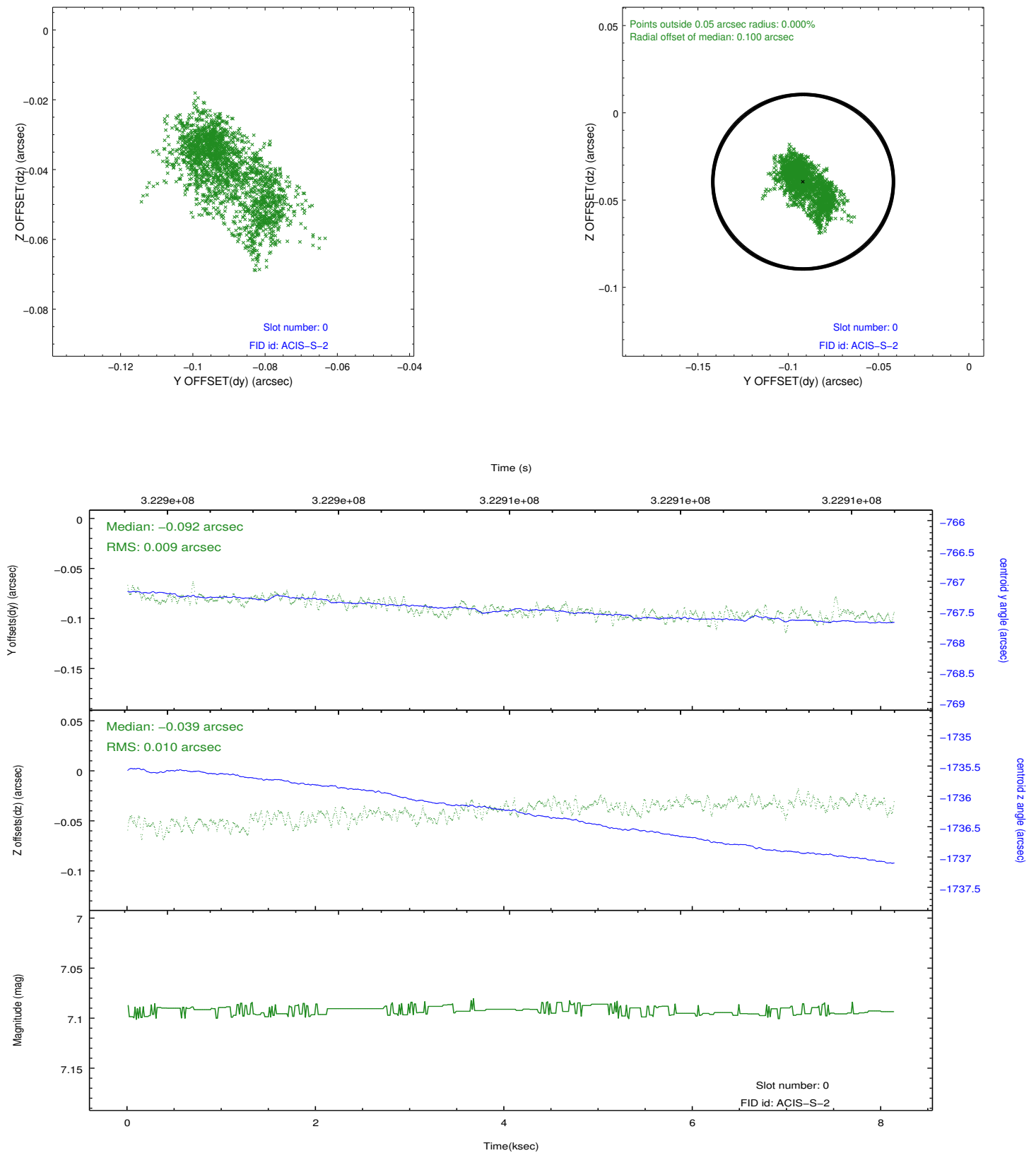


2.4.5 Slot 7

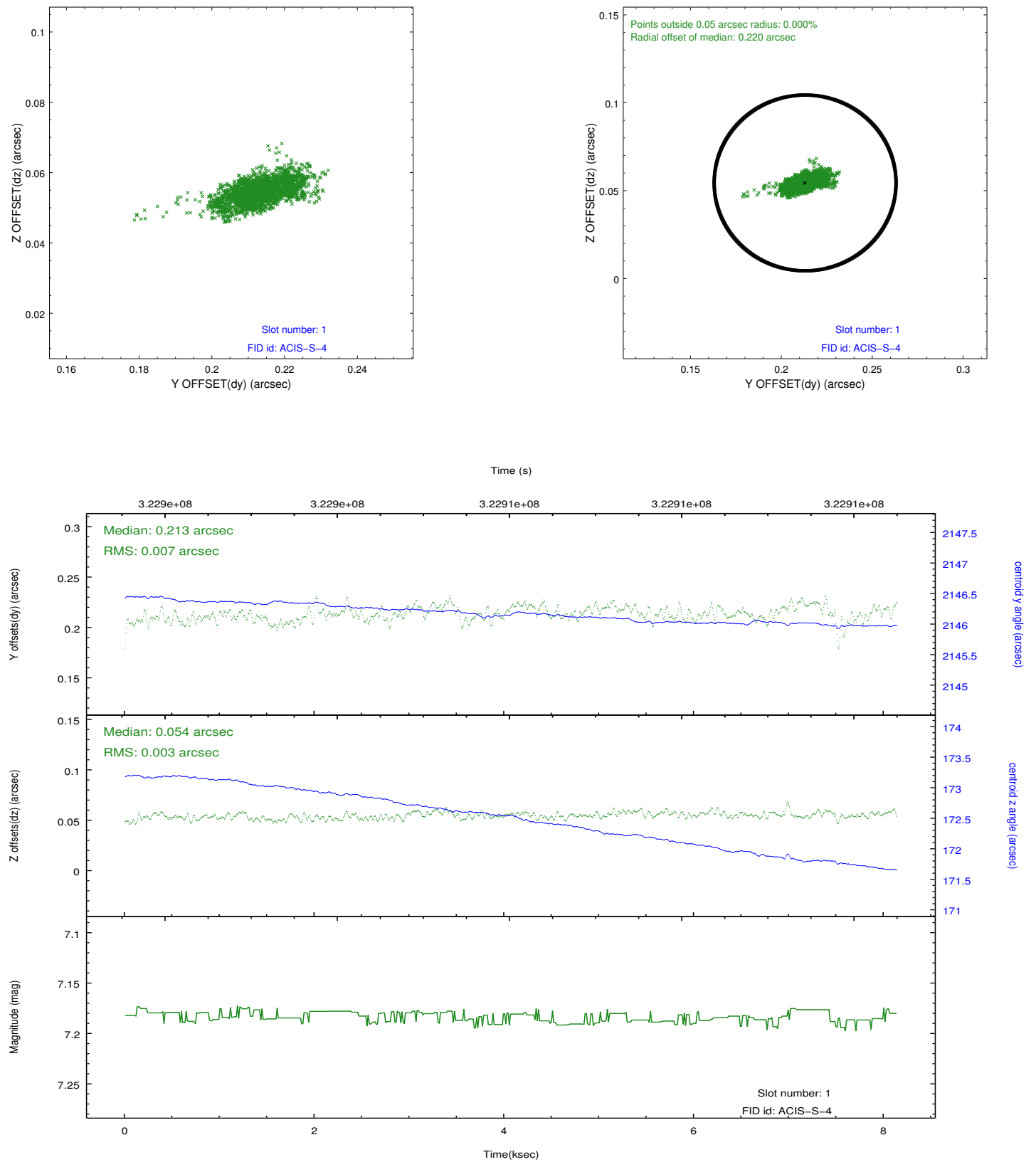


2.5 FID Slots

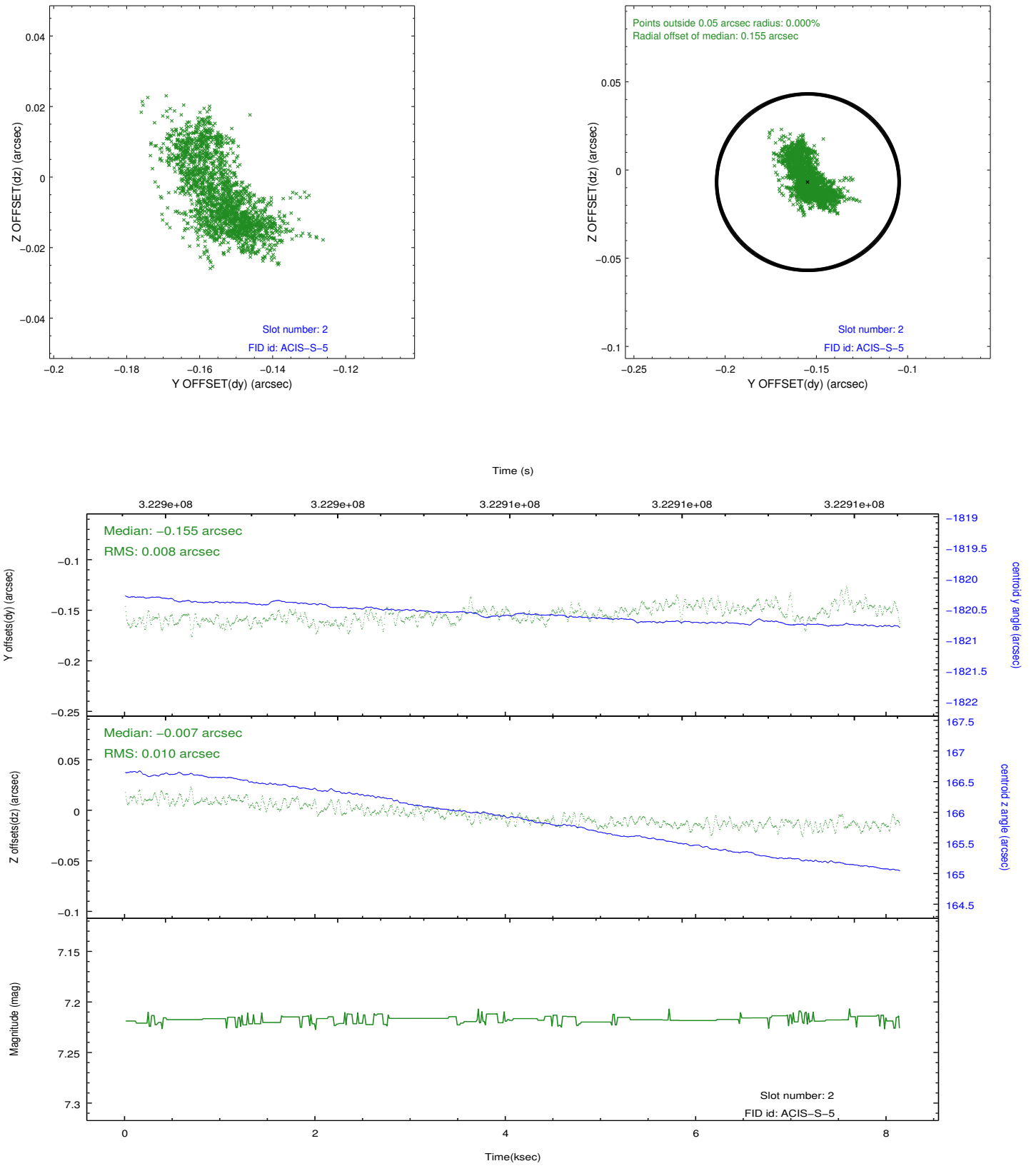
2.5.1 Slot 0



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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.12820006

A.2 Comments