

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9288 - L2 Version 2
Chandra X-Ray Center

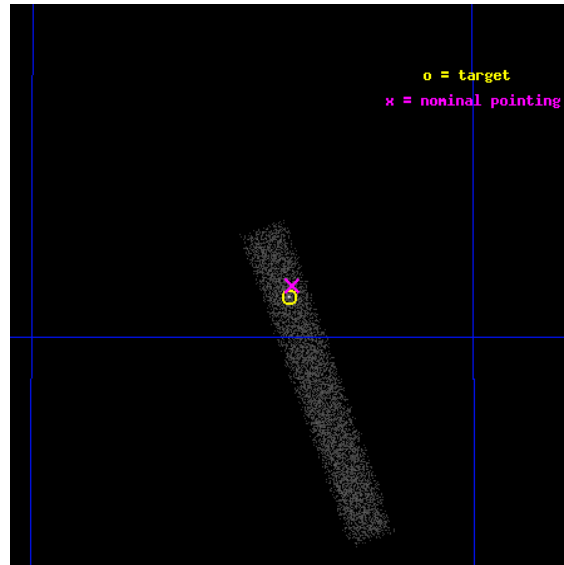
L2 Processing Date : May 17 2012

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1 Front

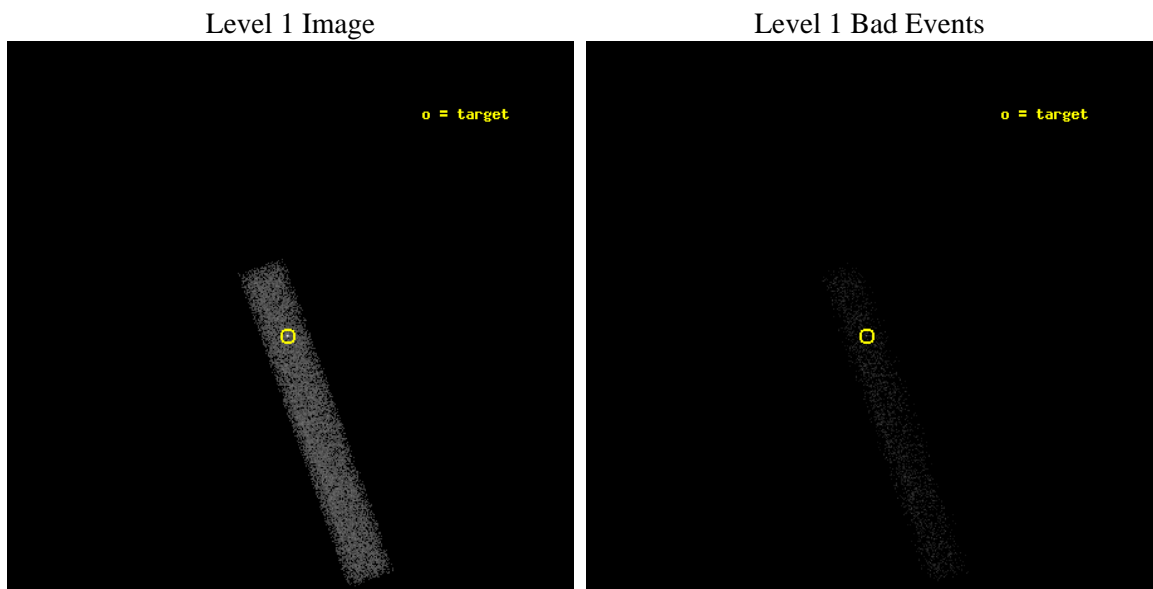
seq_num	701728	Sequence number
obs_id	9288	Observation id
title	Surveying X-ray Jets in Superluminal Blazars	Proposal title
observer	Dr. Matthew Lister	Principal investigator
object	0224+671	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	37.208333	Observer's specified target RA [deg]
dec_targ	67.350833	Observer's specified target Dec [deg]
ra_nom	37.205624670778	Nominal RA [deg]
dec_nom	67.35557158114	Nominal Dec [deg]
roll_nom	70.344139622852	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10105.599397659	Sum of GTIs [s]
livetime	9165.2452364042	Livetime [s]
ontime7	10105.599397659	Sum of GTIs [s]
l2events	8680	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	10105.599397659	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	10105.599397659	Sum of GTIs [s]
date	2012-05-17T03:03:40	Date and time of file creation	l1events	19440	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	19440
rejected events	10536
rejected %	54%

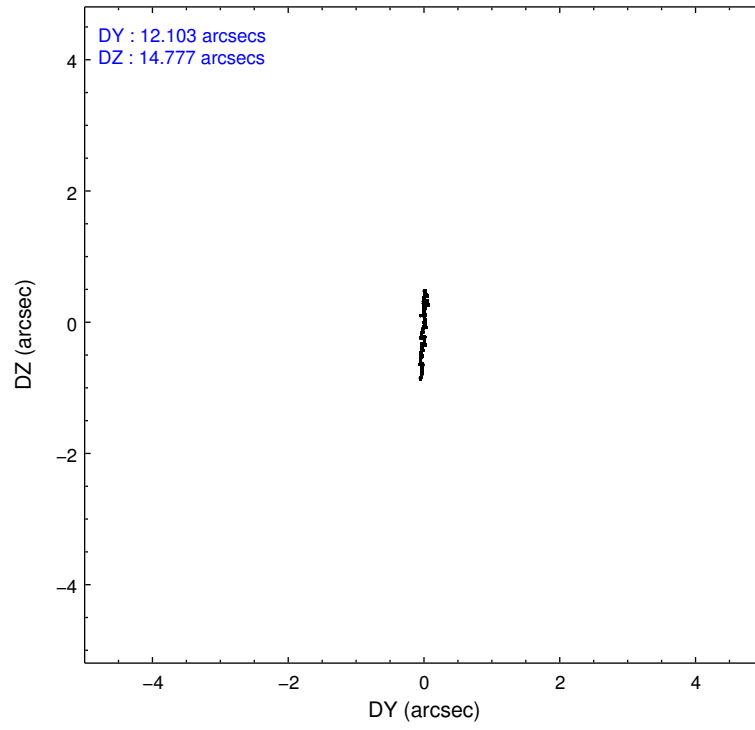
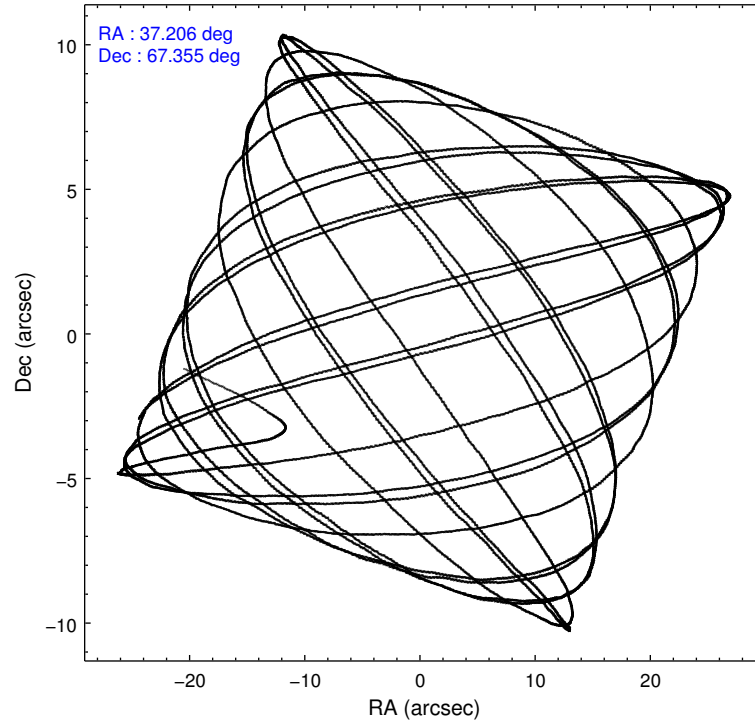
	ccd 7
grade 0 events	1002
	5%
grade 1 events	21
	0%
grade 2 events	1894
	9%
grade 3 events	1133
	5%
grade 4 events	1145
	5%
grade 5 events	1631
	8%
grade 6 events	4361
	22%
grade 7 events	8253
	42%

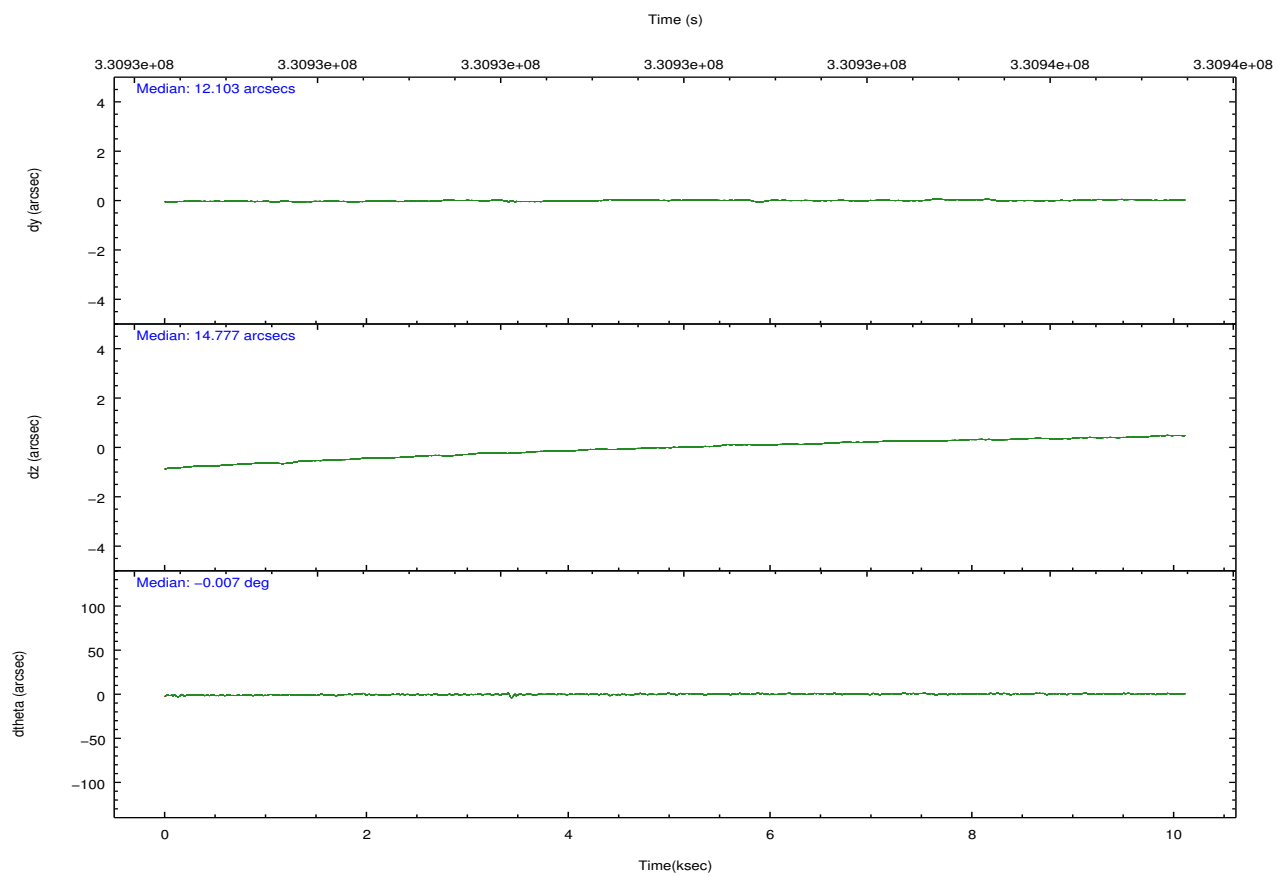
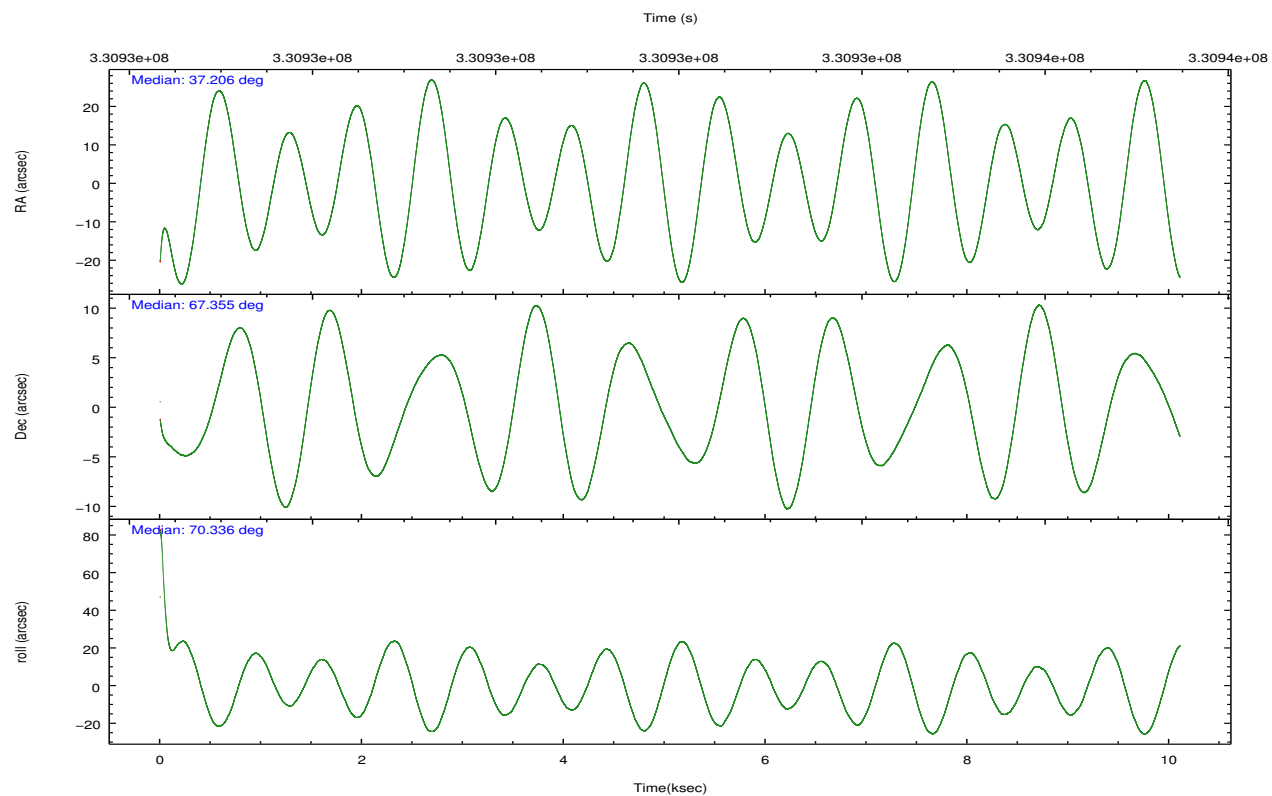
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	37.219406	37.20562467077762
[deg] Pointing Dec	67.328752	67.35557158114041
[deg] Pointing Roll	70.174703	70.3441396228516
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-181.422523	-181.4329921605696
[mm] SIM translation stage offset	-8.710000000000001	-8.699530422438215
[s] Observation start time (MET)	330926960.184000	330925947.97686
Observation start date	2008-06-27T04:08:15	2008-06-27T03:52:27
[s] Observation end time (MET)	330936960.184000	330937718.05243
Observation end date	2008-06-27T06:54:55	2008-06-27T07:08:38
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/8
Subarray start row	100	100
Subarray row count	128	128
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.4

2.3 Aspect



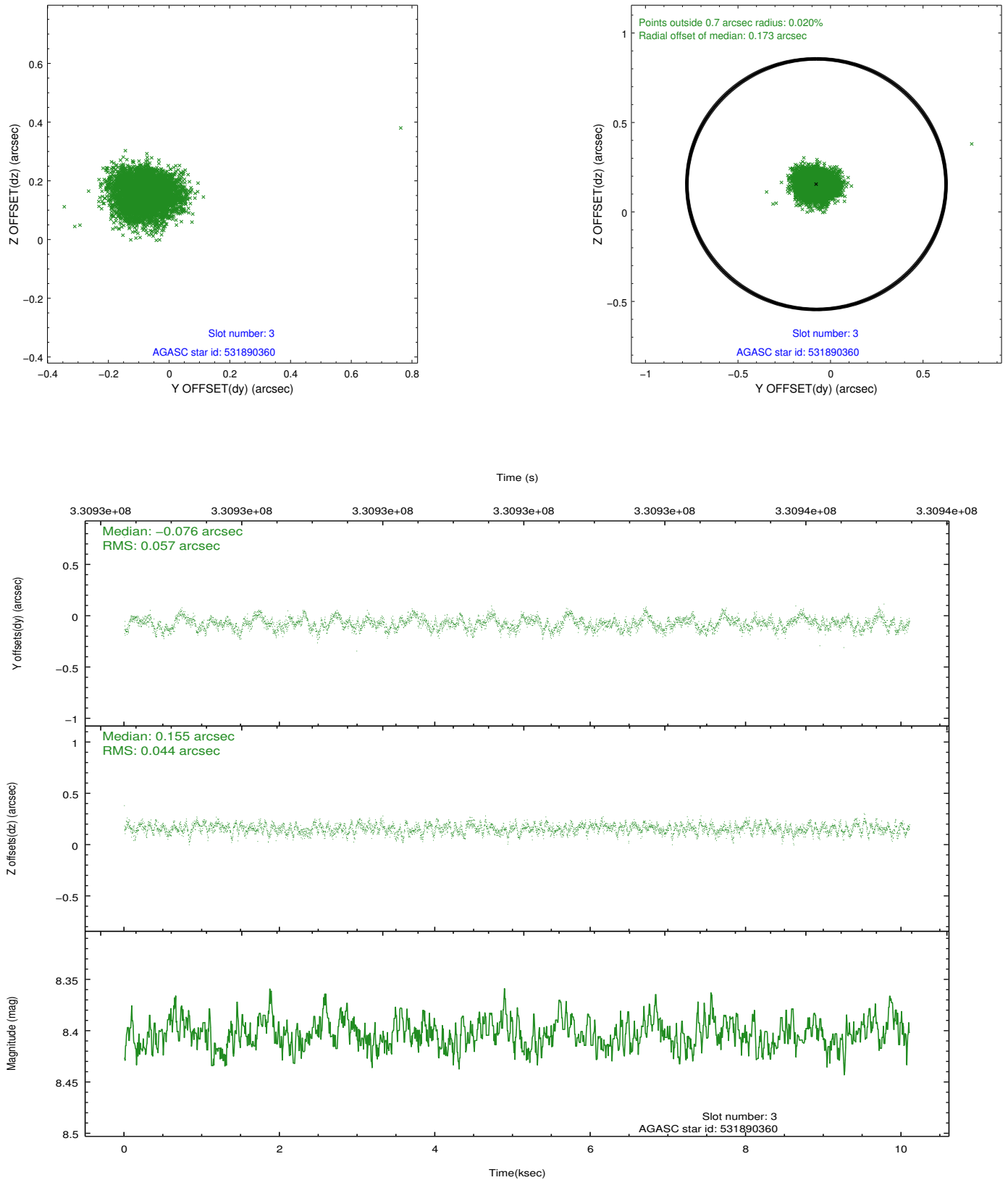


Slot Statistics

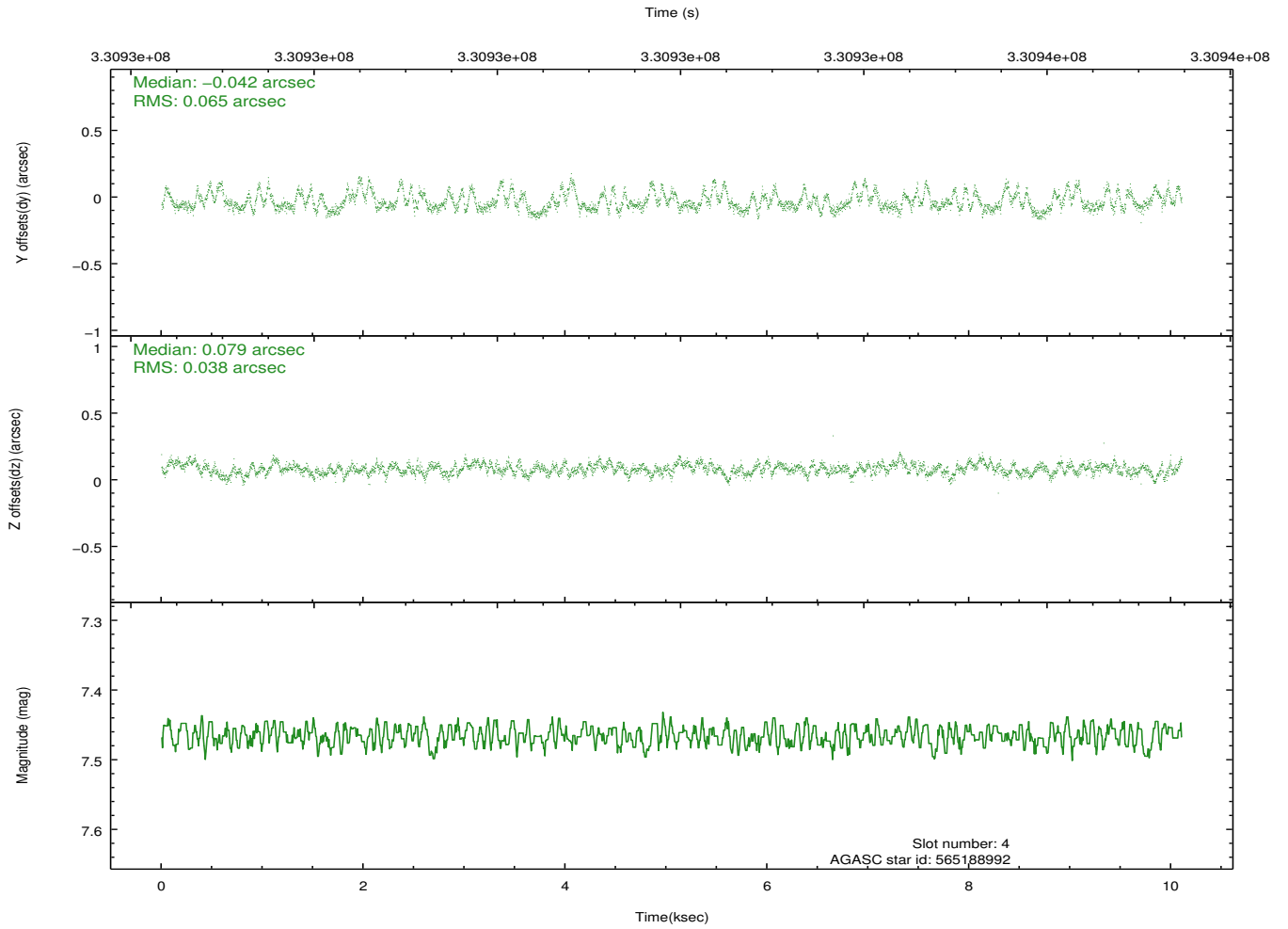
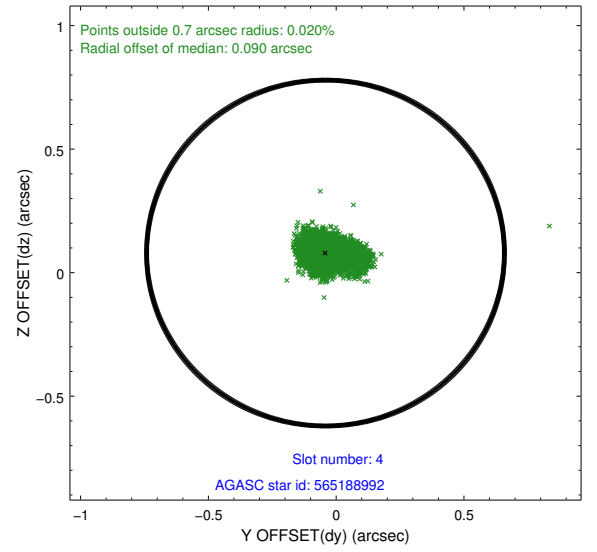
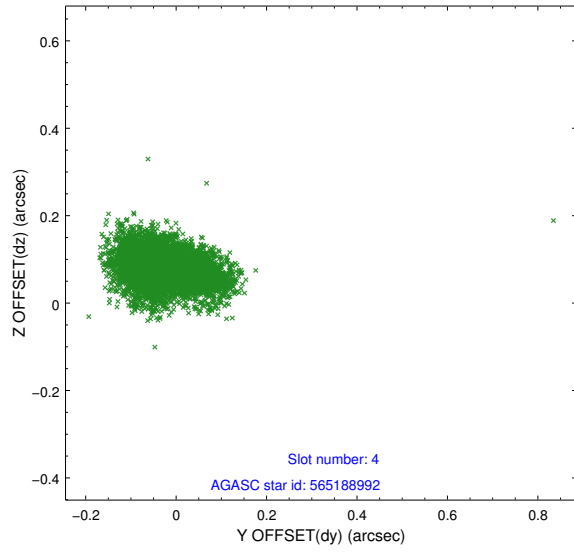
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.90	2466	0.063	0.144	0.019	0.036	0.000000	0.000000	931.79	-1910.73
1	FID	ACIS-S-2	6.82	2466	-0.149	-0.093	0.011	0.025	0.000000	0.000000	-764.03	-1916.18
2	FID	ACIS-S-6	7.12	2465	0.064	-0.050	0.014	0.022	0.000000	0.000000	397.15	629.77
3	GUIDE	531890360	8.40	4931	-0.076	0.155	0.076	0.121	38.566371	67.416417	947.99	-1637.43
4	GUIDE	565188992	7.47	4930	-0.042	0.079	0.076	0.136	39.070407	67.512933	1525.05	-2159.43
5	GUIDE	565192496	7.39	4930	-0.033	0.027	0.077	0.125	38.648568	67.742934	2085.31	-1320.04
6	GUIDE	565193168	8.99	4864	0.099	-0.179	0.083	0.134	37.091229	67.618481	922.39	518.75
7	GUIDE	531897672	8.08	4928	0.049	-0.084	0.053	0.090	35.731289	66.843897	-2332.31	1398.05

2.4 Star Slots

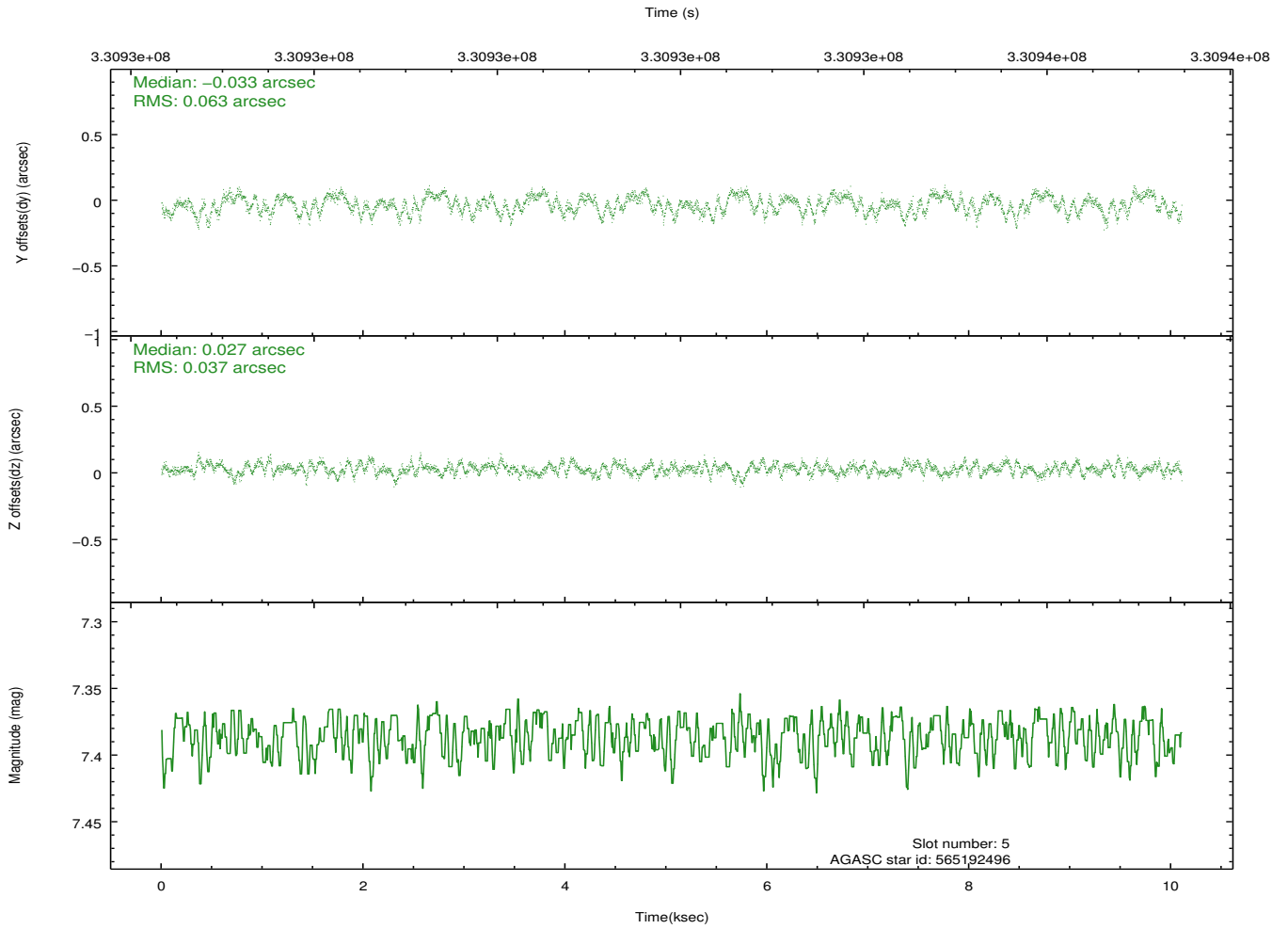
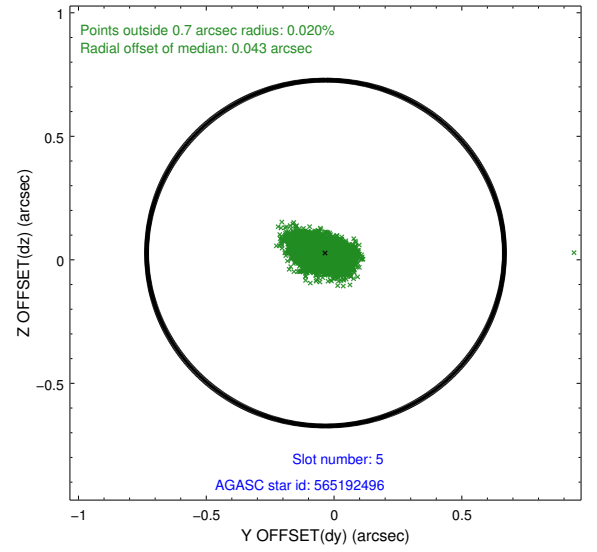
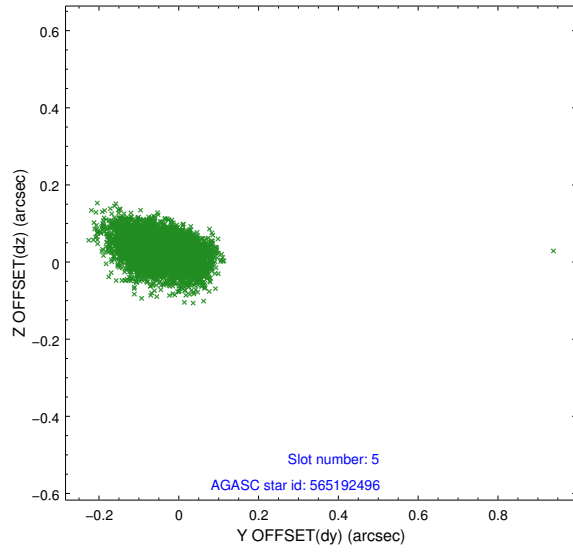
2.4.1 Slot 3



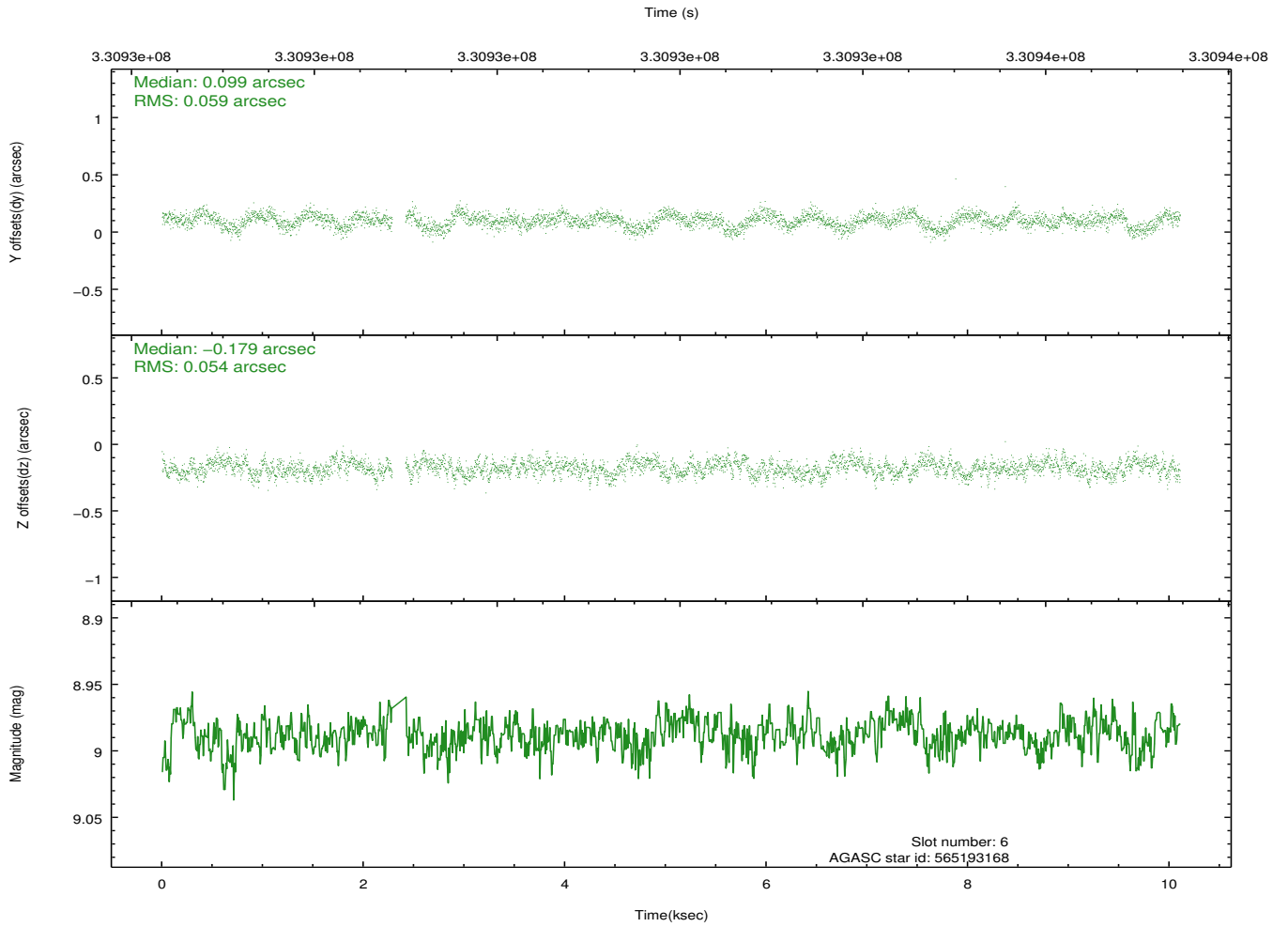
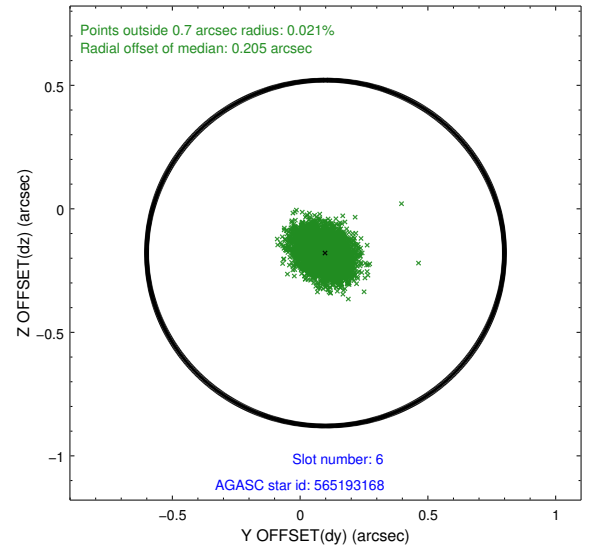
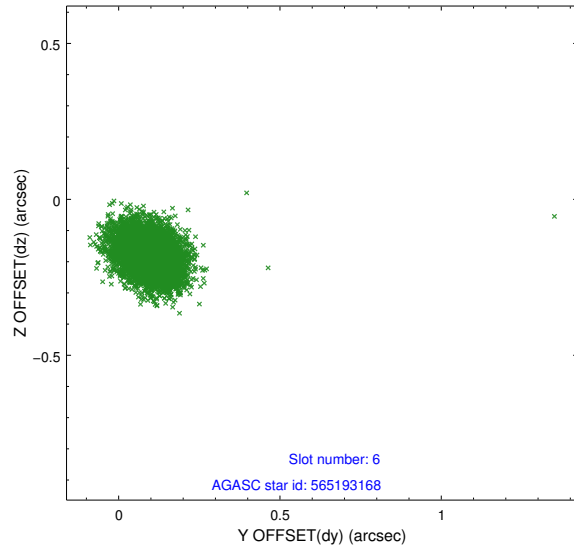
2.4.2 Slot 4



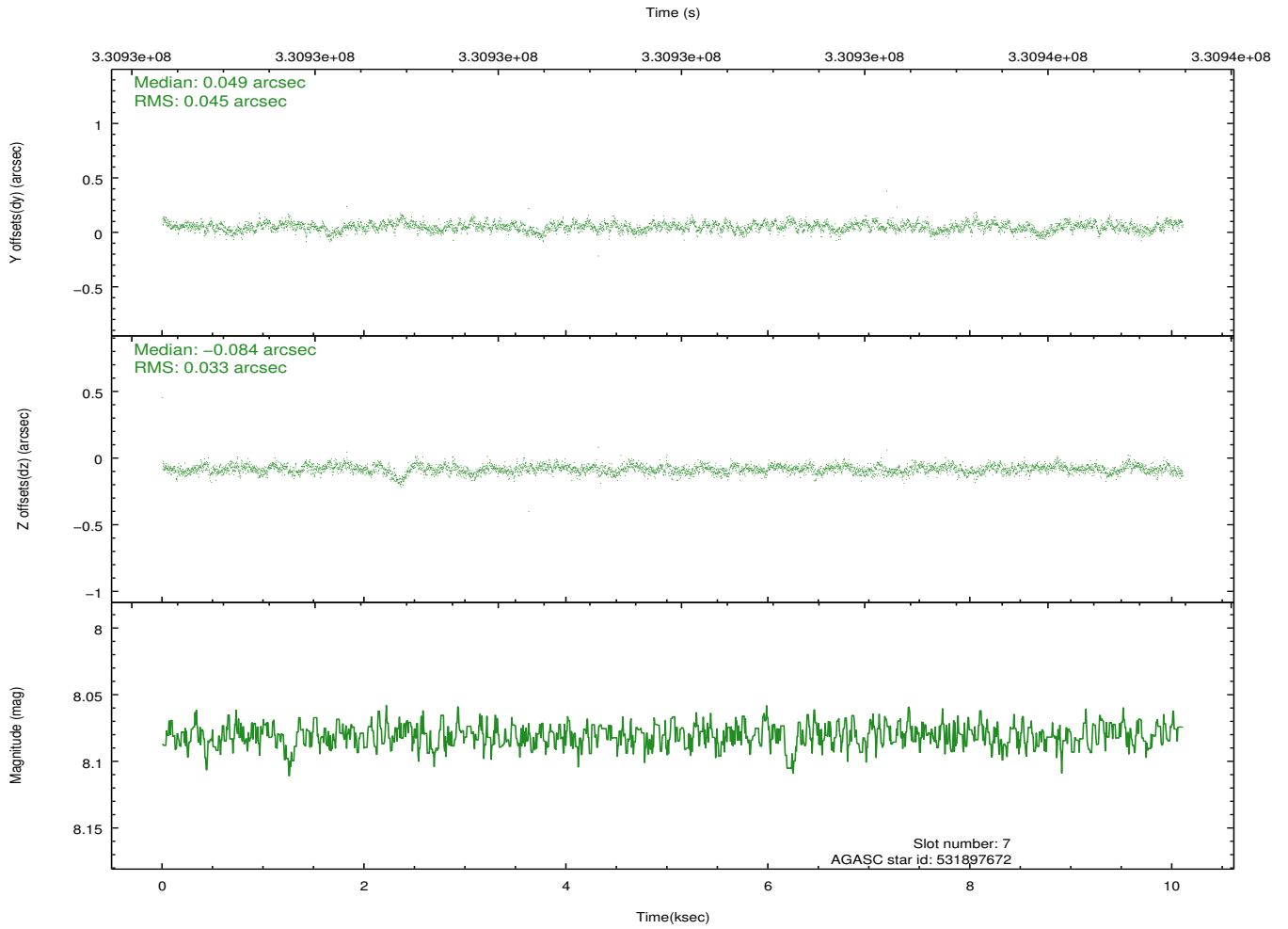
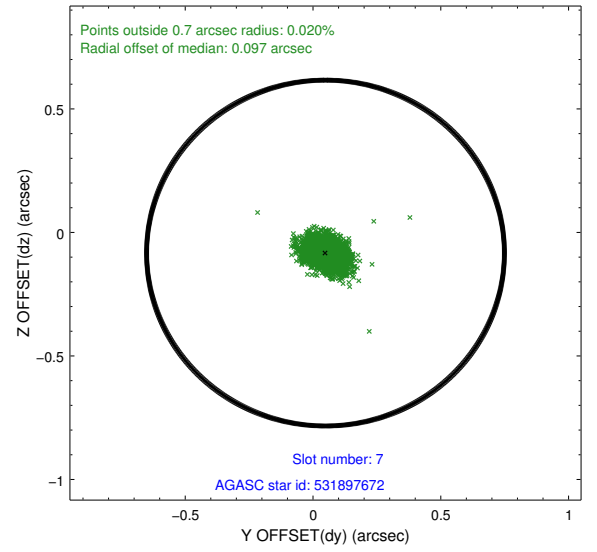
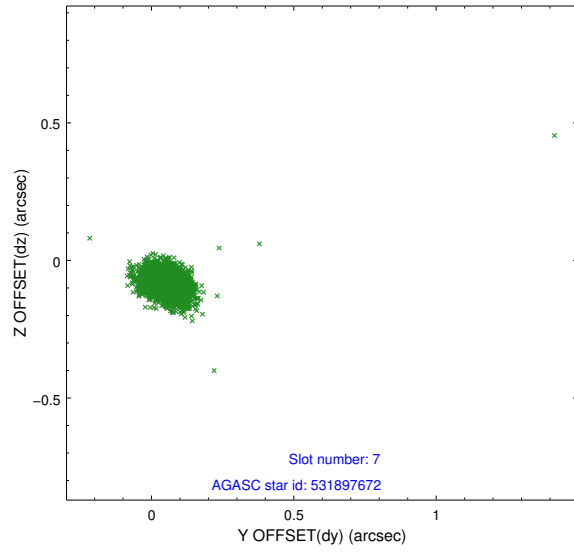
2.4.3 Slot 5



2.4.4 Slot 6

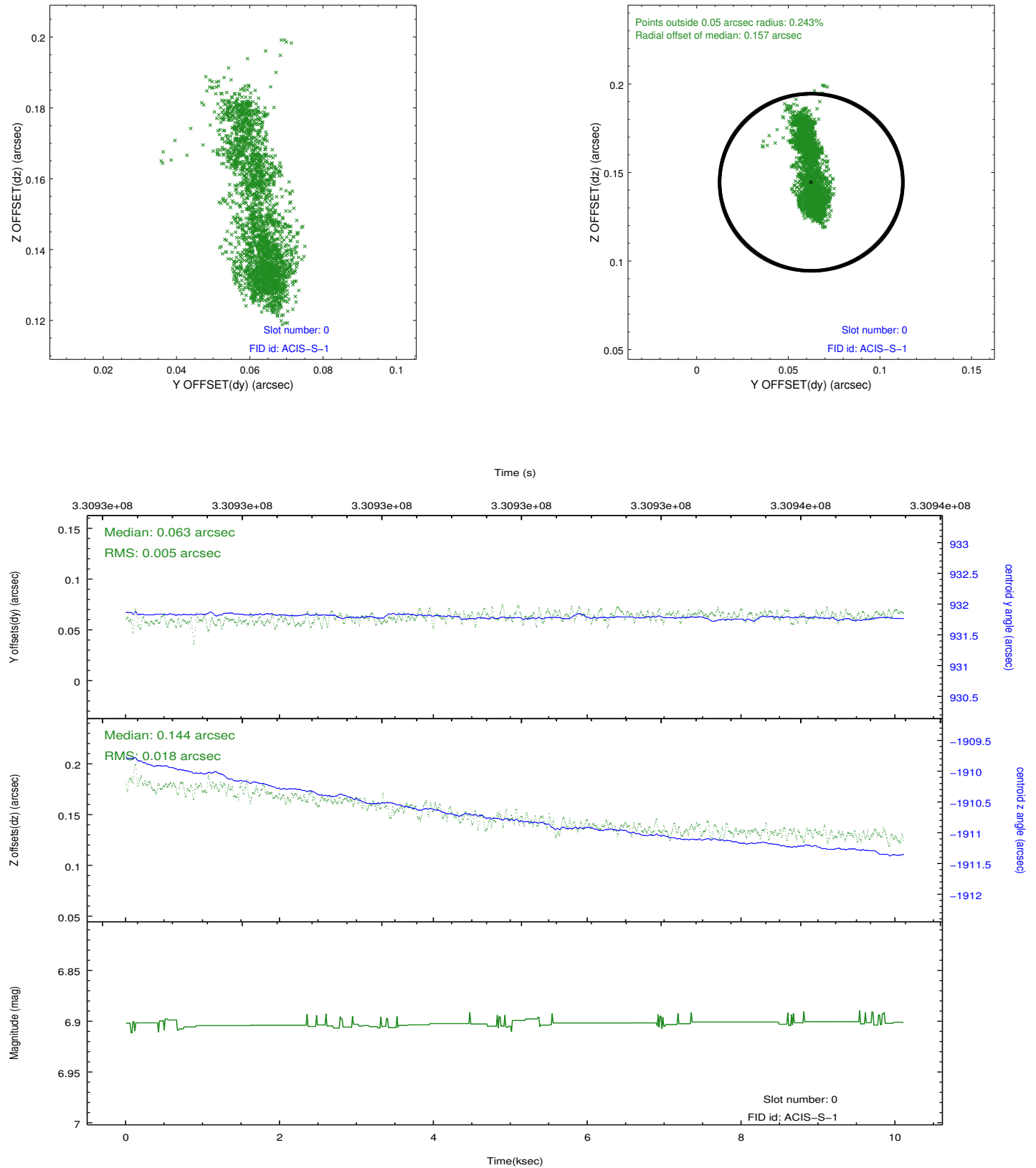


2.4.5 Slot 7

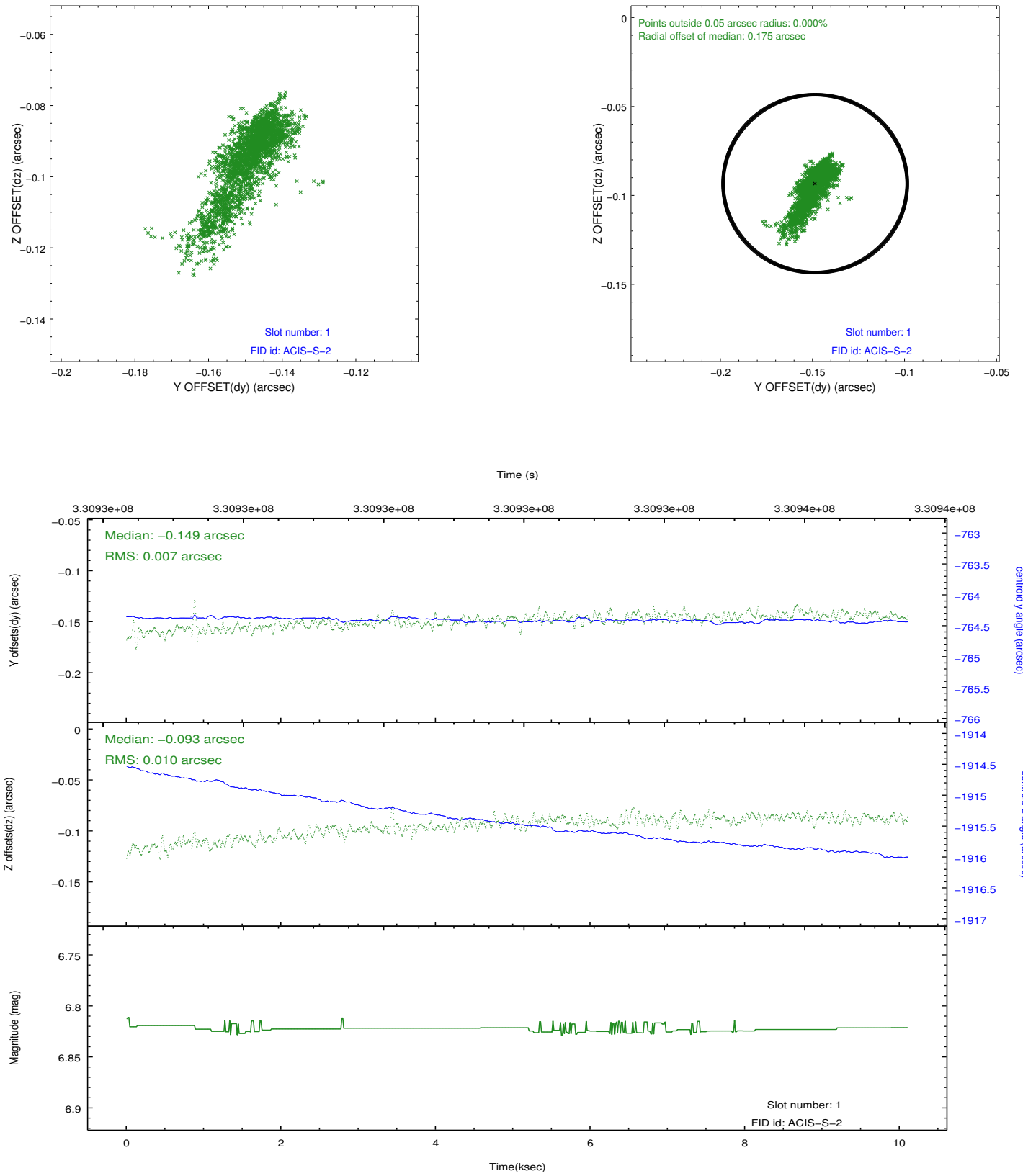


2.5 FID Slots

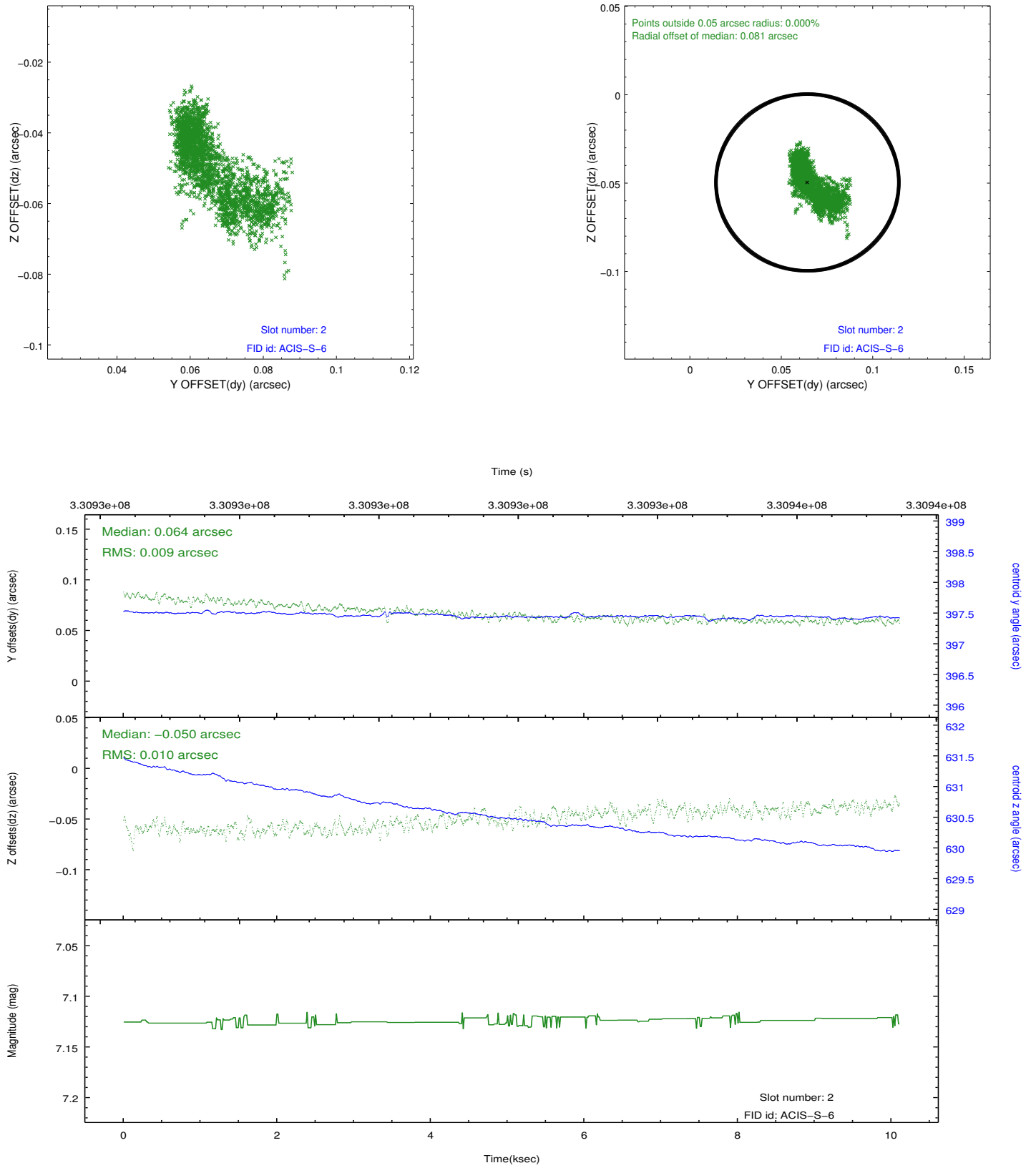
2.5.1 Slot 0



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)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1055993

A.2 Comments

Roll preference met.