

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9190 - L2 Version 2
Chandra X-Ray Center

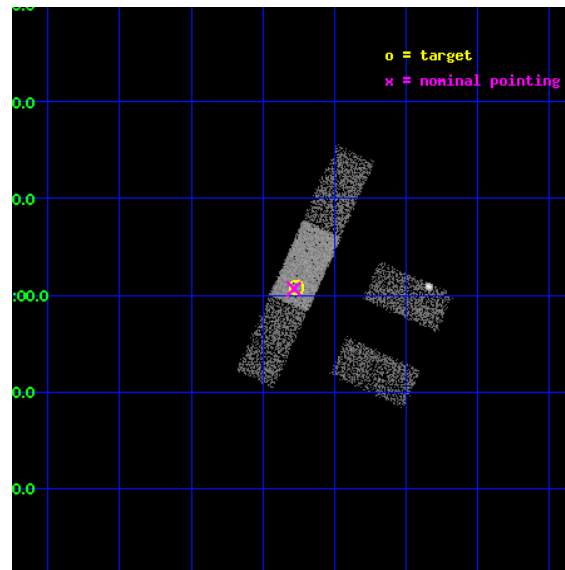
L2 Processing Date : May 6 2012

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1 Front

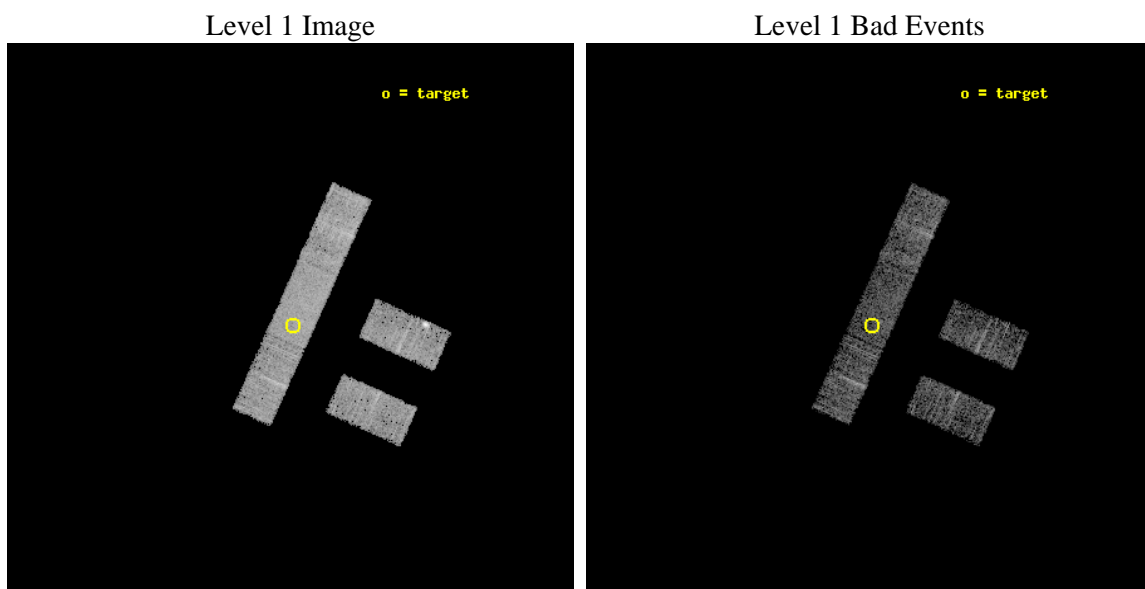
seq_num	701632	Sequence number
obs_id	9190	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S07	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	347.442083	Observer's specified target RA [deg]
dec_targ	0.013583	Observer's specified target Dec [deg]
ra_nom	347.44593943035	Nominal RA [deg]
dec_nom	0.010917251700475	Nominal Dec [deg]
roll_nom	294.20788419578	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3180.6999777555	Sum of GTIs [s]
livetime	3105.7241431469	Livetime [s]
ontime2	3180.6999777555	Sum of GTIs [s]
ontime3	3180.6999777555	Sum of GTIs [s]
ontime6	3180.6999777555	Sum of GTIs [s]
ontime7	3180.6999777555	Sum of GTIs [s]
ontime8	3180.6999777555	Sum of GTIs [s]
l2events	17763	Number of level 2 events



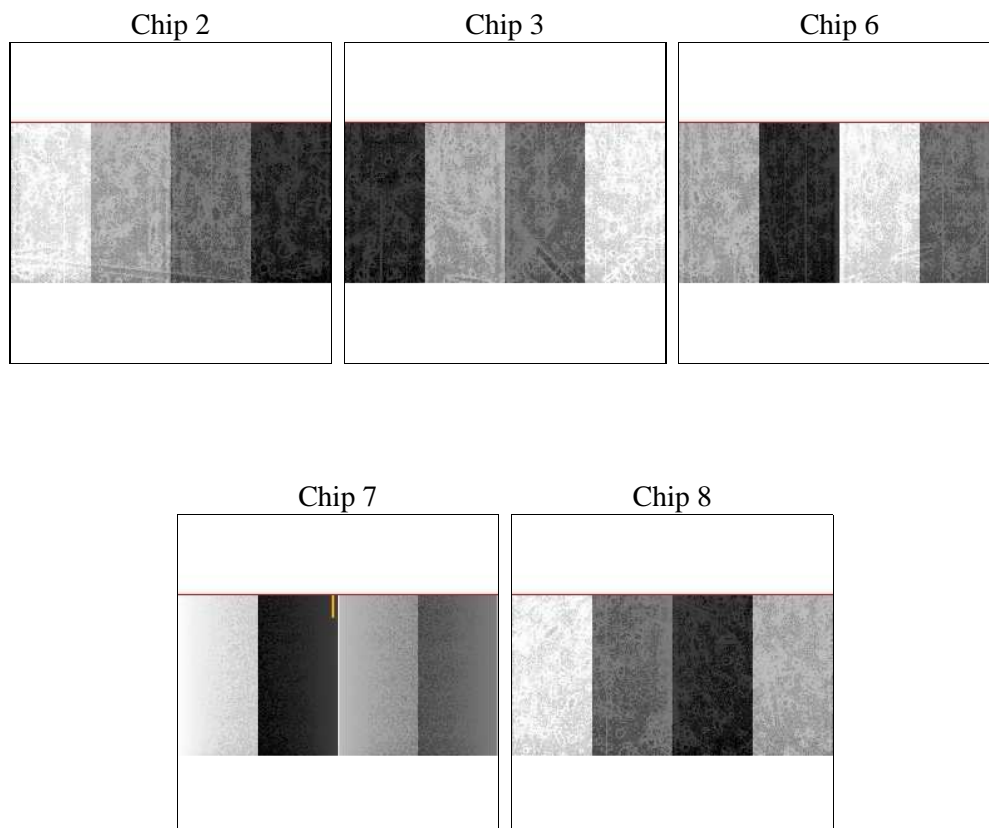
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3180.6999777555	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3180.6999777555	Sum of GTIs [s]
date	2012-05-06T14:20:16	Date and time of file creation	ontime3	3180.6999777555	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3180.6999777555	Sum of GTIs [s]
			ontime7	3180.6999777555	Sum of GTIs [s]
			ontime8	3180.6999777555	Sum of GTIs [s]
			l1events	124045	Number of level 1 events

2.1.4 Events

	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	20226	22103	23670	29066	28980
rejected events	18244	18703	21593	19665	23876
rejected %	90%	84%	91%	67%	82%

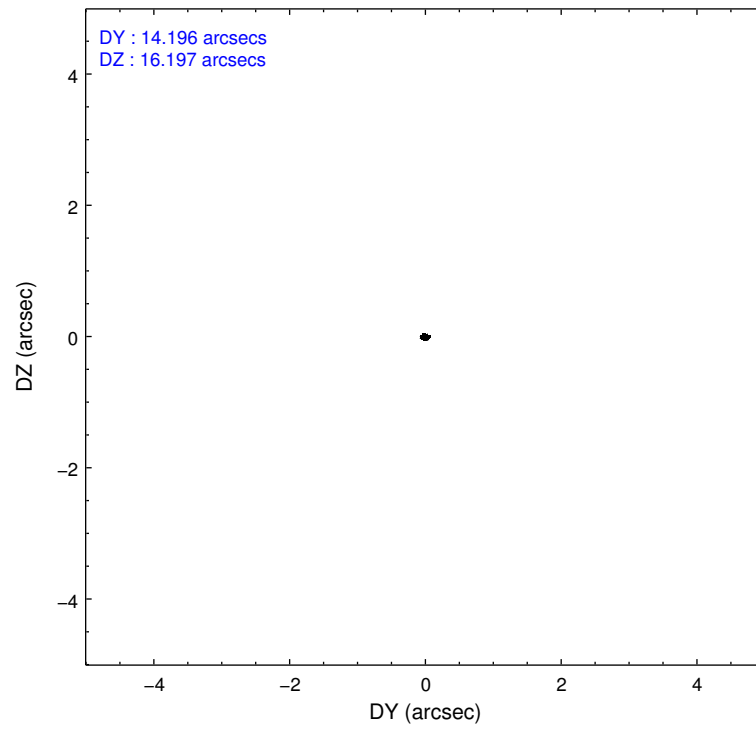
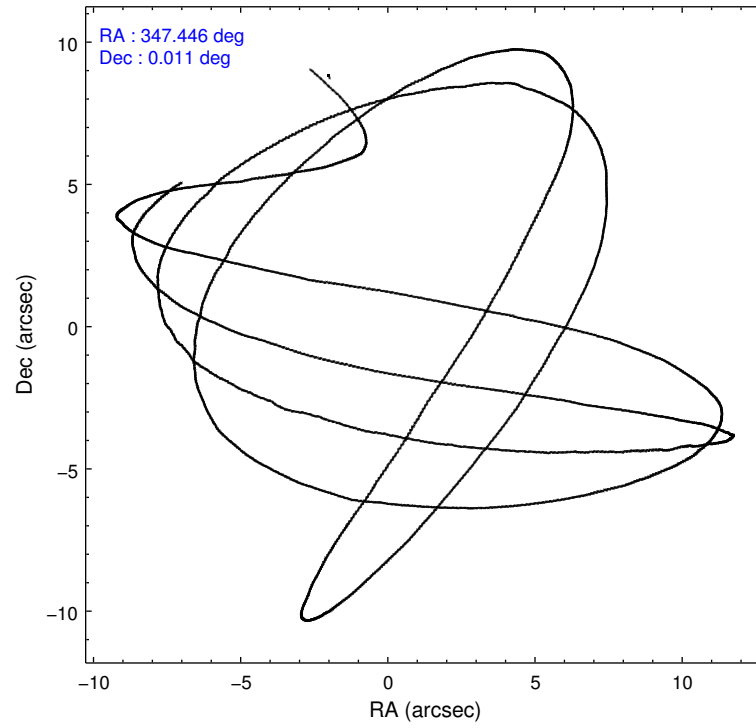
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	1158	2381	1019	1088	1867
	5%	10%	4%	3%	6%
grade 1 events	12	16	9	34	10
	0%	0%	0%	0%	0%
grade 2 events	490	603	557	2597	1499
	2%	2%	2%	8%	5%
grade 3 events	292	316	294	1171	671
	1%	1%	1%	4%	2%
grade 4 events	312	347	281	1148	662
	1%	1%	1%	3%	2%
grade 5 events	757	971	1021	2755	1322
	3%	4%	4%	9%	4%
grade 6 events	400	486	556	6452	1851
	1%	2%	2%	22%	6%
grade 7 events	16805	16983	19933	13821	21098
	83%	76%	84%	47%	72%

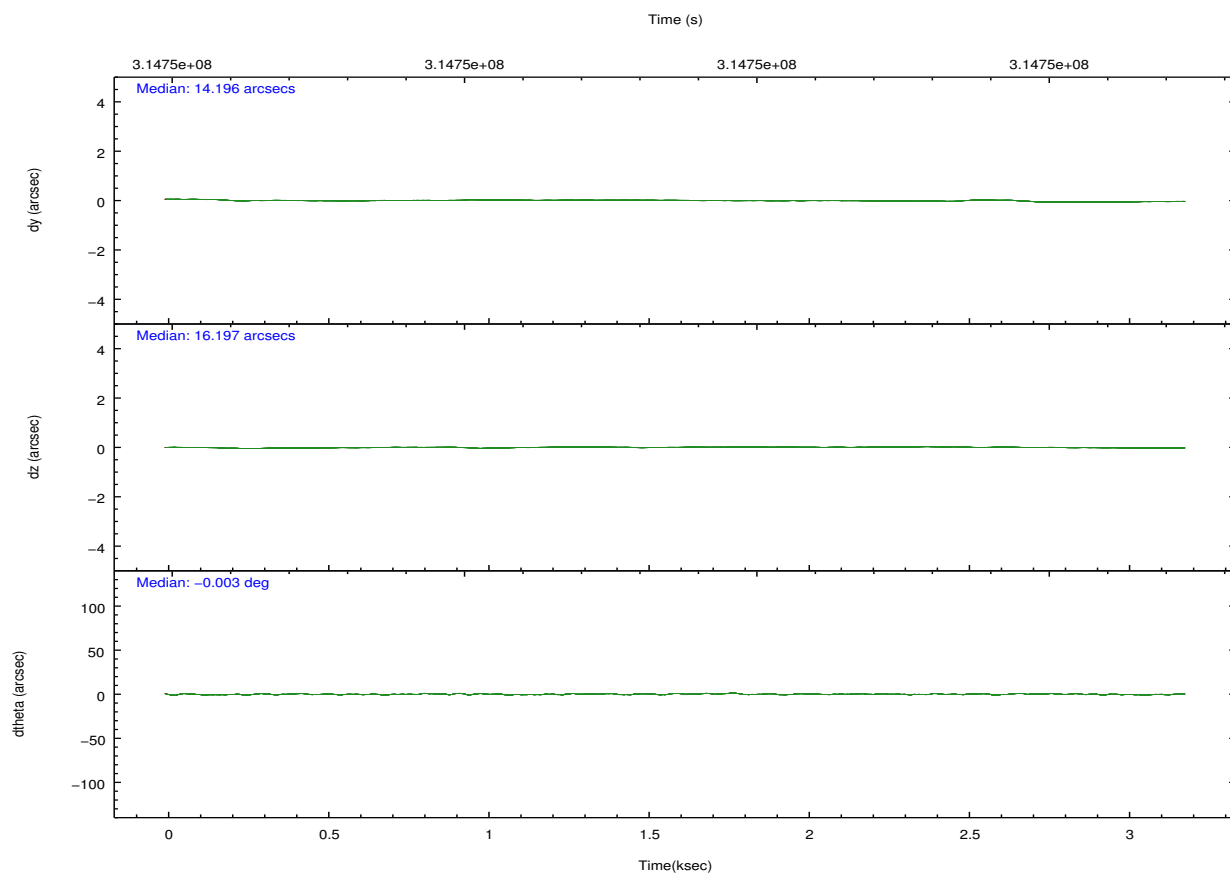
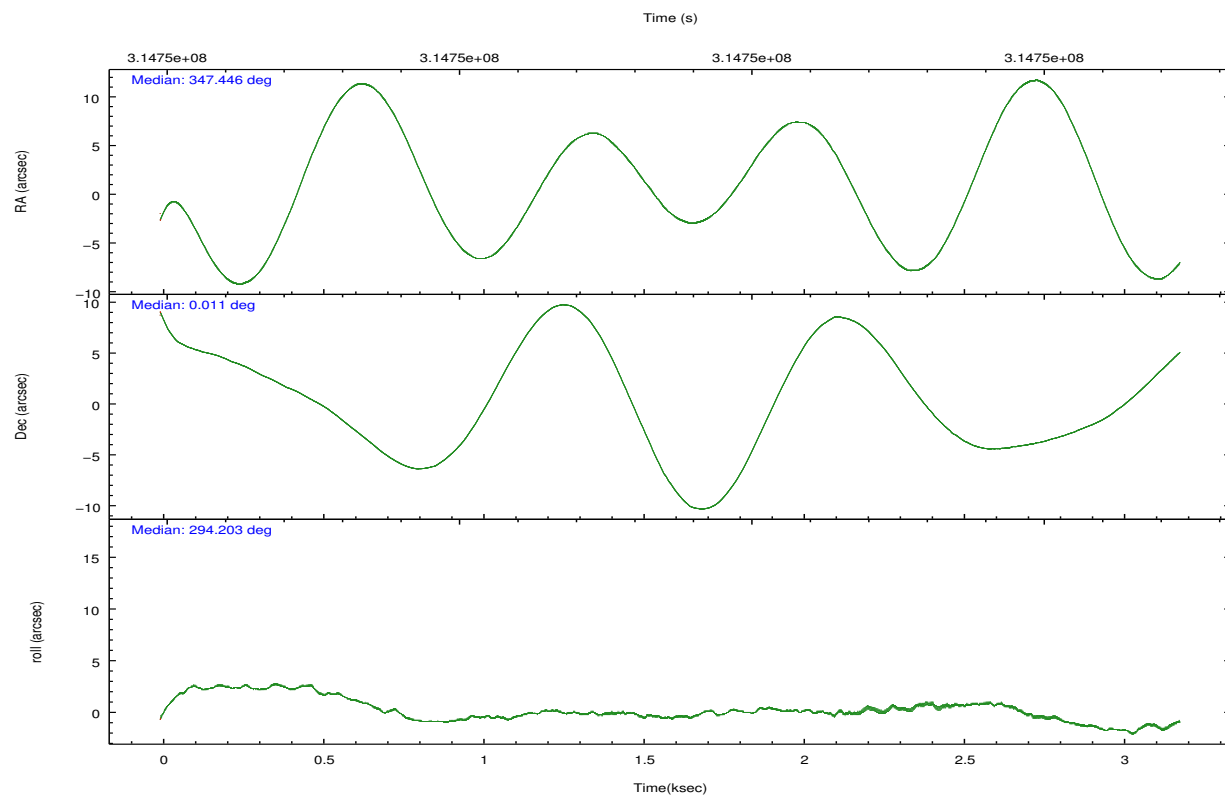
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-23678	ACIS-23678
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	347.423706	347.4459394303522
[deg] Pointing Dec	0.026547	0.0109172517004748
[deg] Pointing Roll	294.051288	294.2078841957767
[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)	314747309.184000	314745970.61481
Observation start date	2007-12-22T21:47:24	2007-12-22T21:26:10
[s] Observation end time (MET)	314750309.184000	314751082.29006
Observation end date	2007-12-22T22:37:24	2007-12-22T22:51:22
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
CCD I0 on	N	N
CCD I1 on	N	N
CCD I2 on	O1	Y
CCD I3 on	Y	Y
CCD S0 on	N	N
CCD S1 on	N	N
CCD S2 on	Y	Y
CCD S3 on	Y	Y
CCD S4 on	Y	Y
CCD S5 on	N	N
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/2
Subarray start row	257	257
Subarray row count	512	512
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	1.7

2.3 Aspect



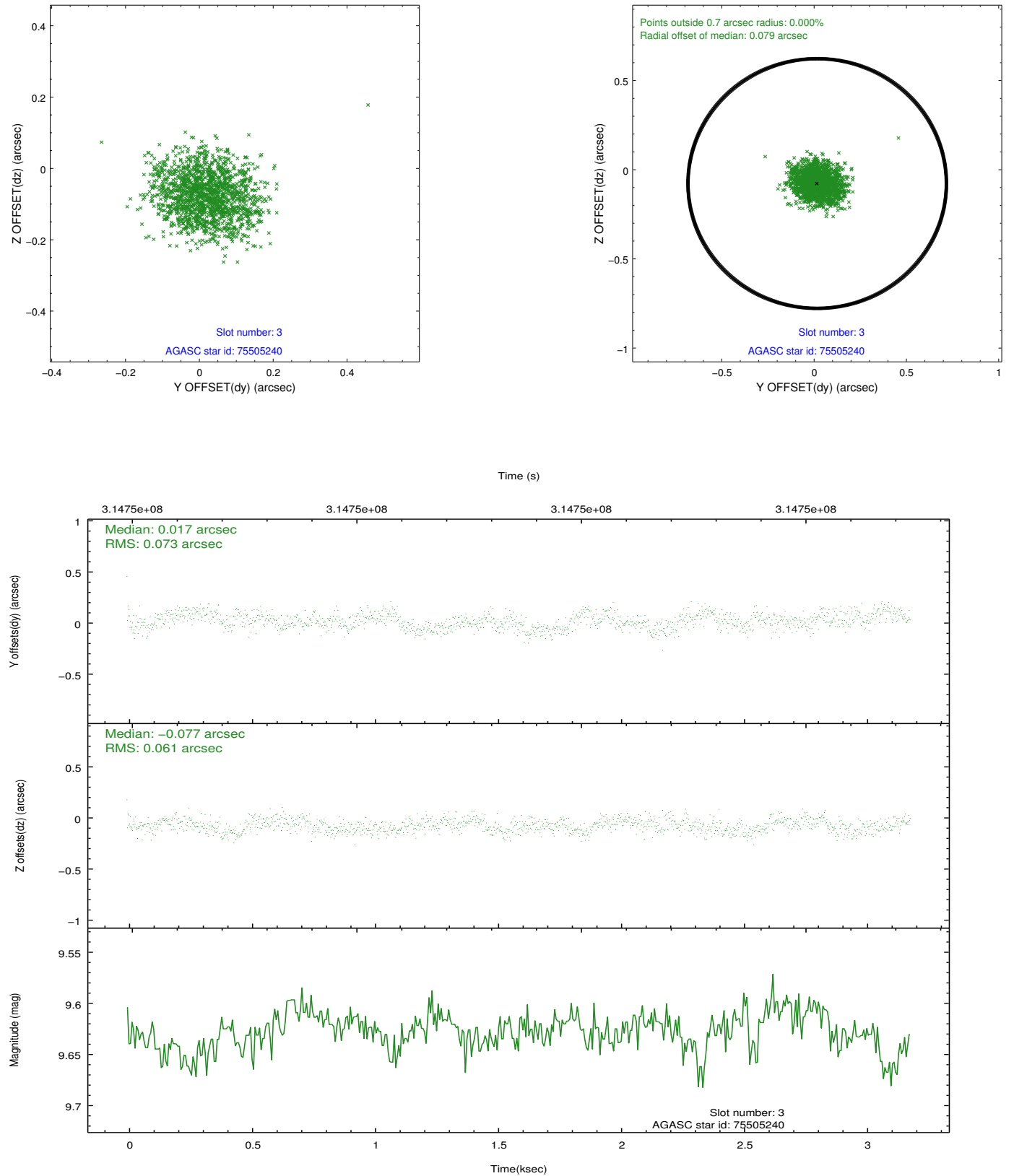


Slot Statistics

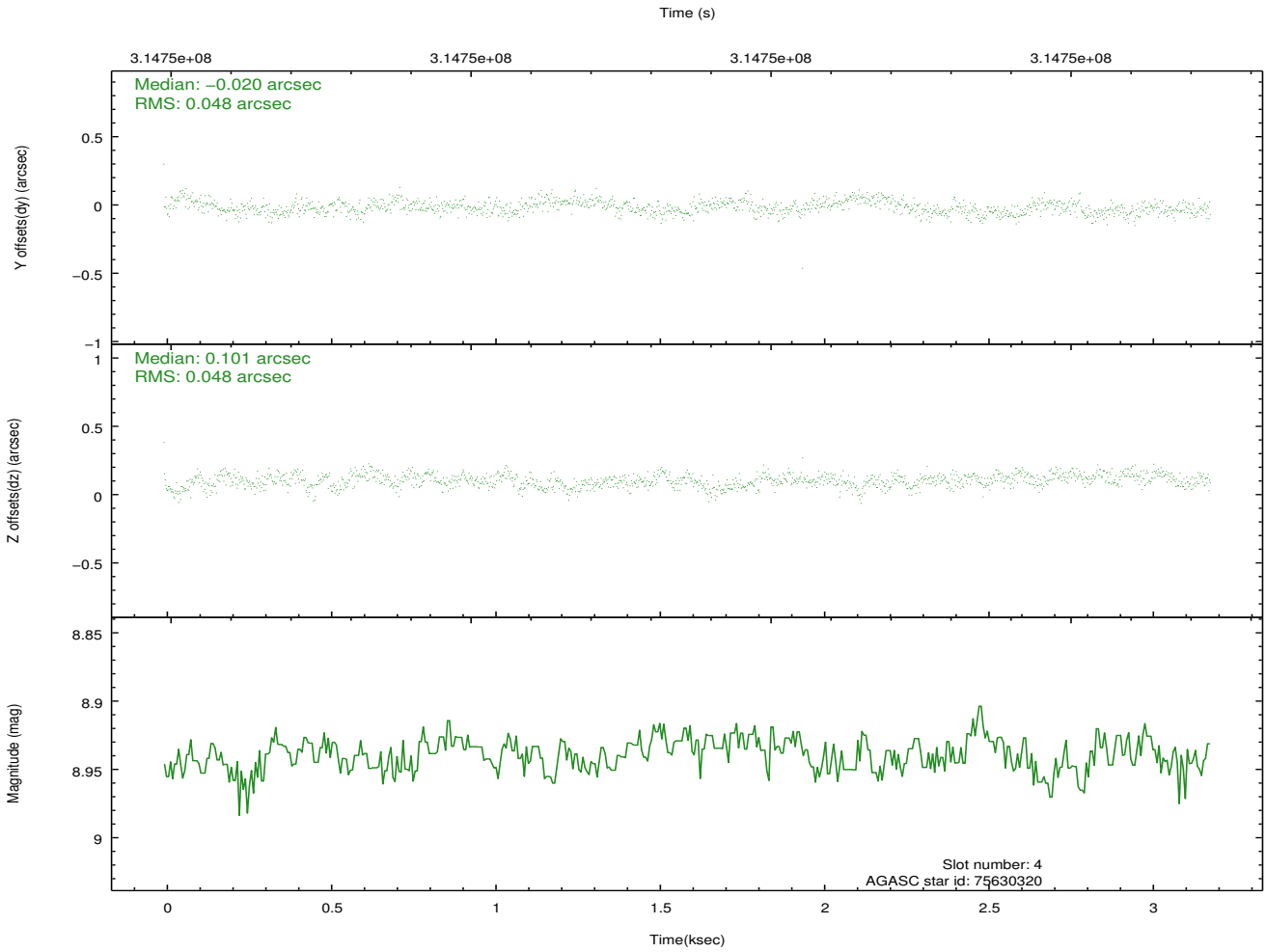
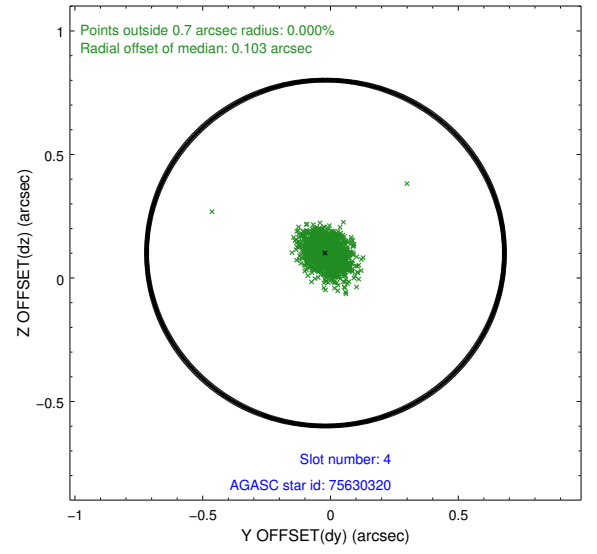
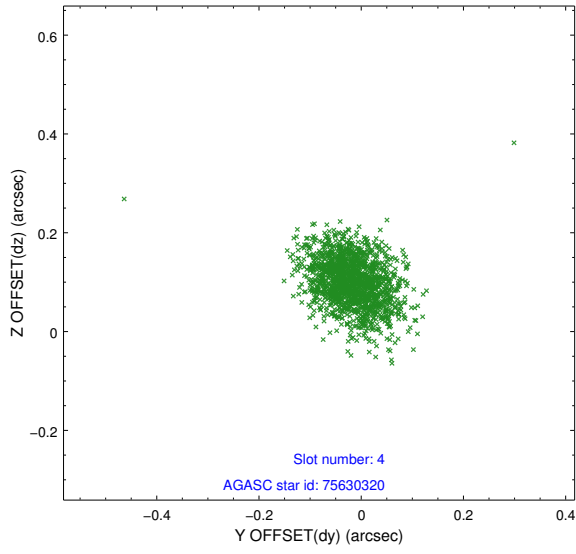
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	777	-0.103	-0.069	0.005	0.009	0.000000	0.000000	-767.28	-1737.61
1	FID	ACIS-S-4	7.18	777	0.117	0.050	0.005	0.009	0.000000	0.000000	2145.34	168.86
2	FID	ACIS-S-6	7.32	777	-0.042	0.027	0.006	0.011	0.000000	0.000000	397.38	808.54
3	GUIDE	75505240	9.63	1552	0.017	-0.077	0.103	0.157	347.227385	0.564421	-2055.34	144.08
4	GUIDE	75630320	8.94	1554	-0.020	0.101	0.070	0.114	347.710960	0.409726	-837.25	1506.21
5	GUIDE	687088568	6.90	1554	-0.021	-0.126	0.061	0.099	346.940324	-0.296050	351.55	-2060.96
6	GUIDE	75631400	8.70	1554	-0.039	0.113	0.076	0.119	347.939316	0.223451	109.96	1983.69
7	GUIDE	687214192	8.35	1552	0.056	0.001	0.075	0.125	348.039668	-0.197475	1640.92	1698.35

2.4 Star Slots

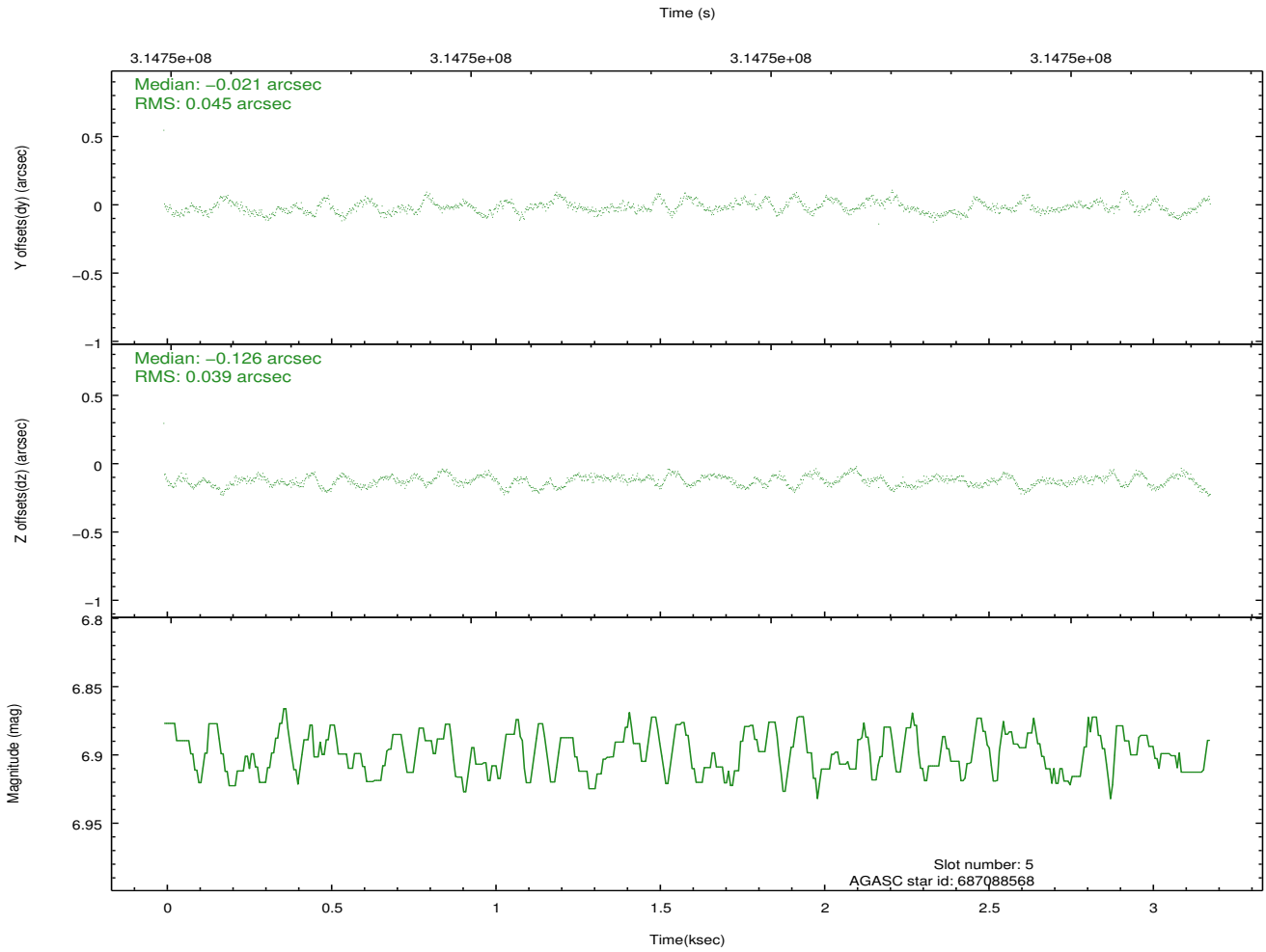
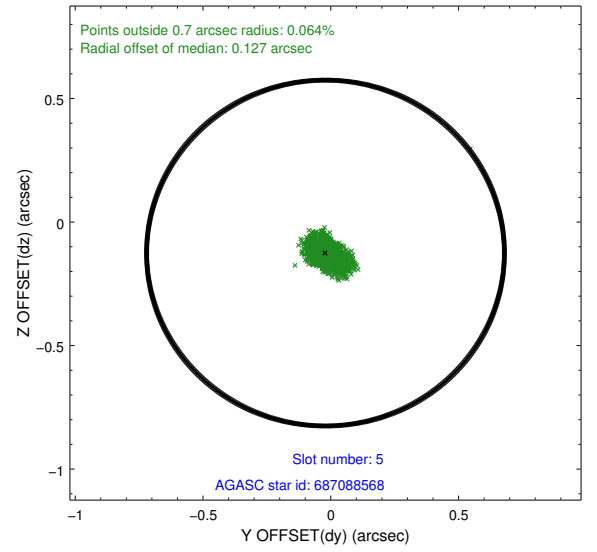
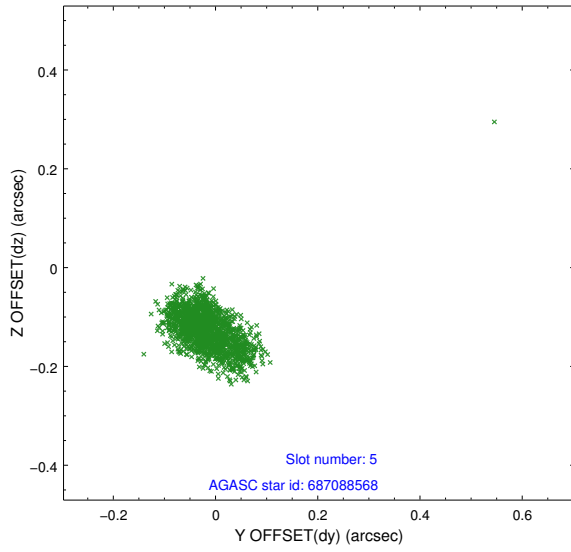
2.4.1 Slot 3



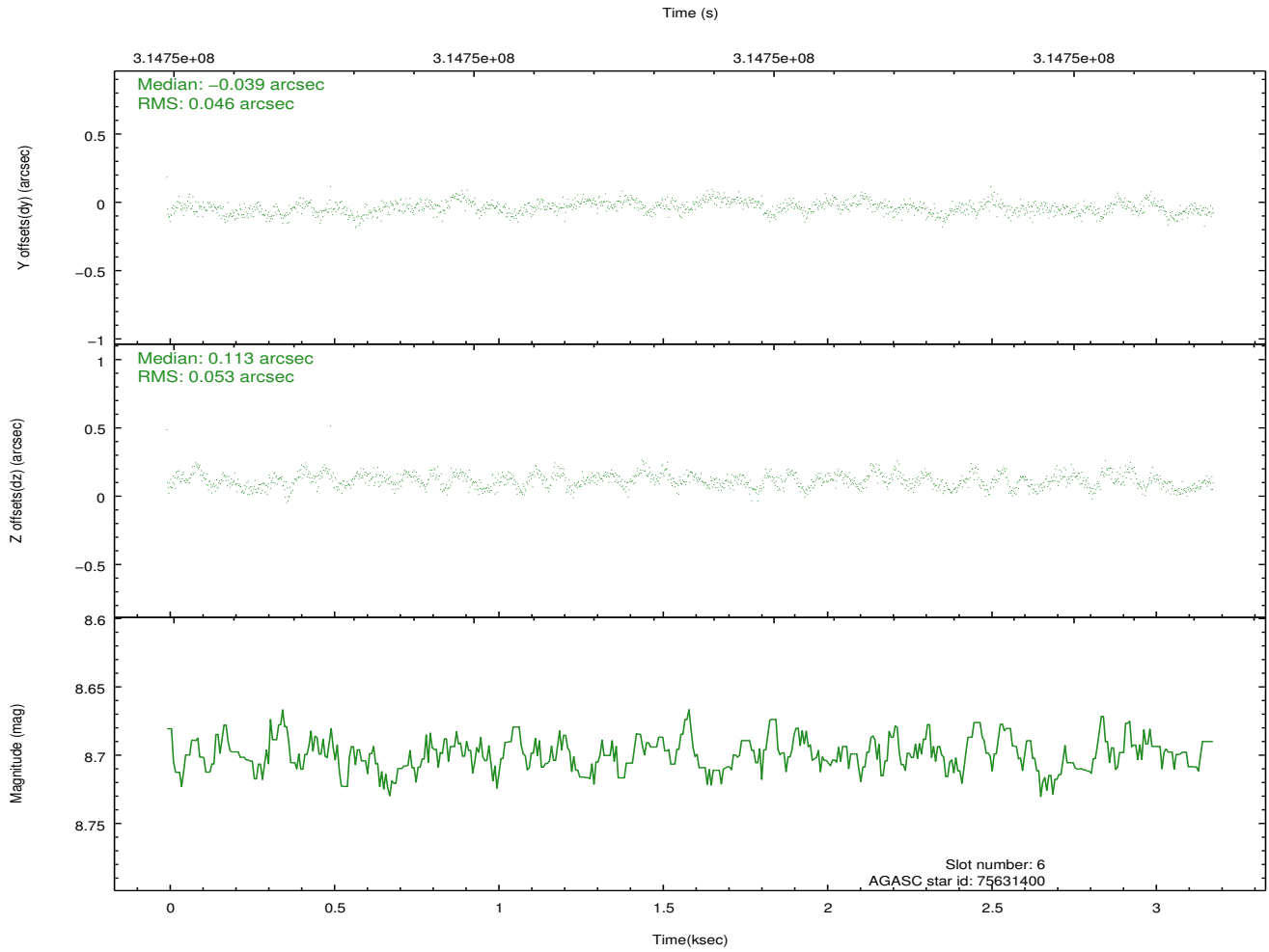
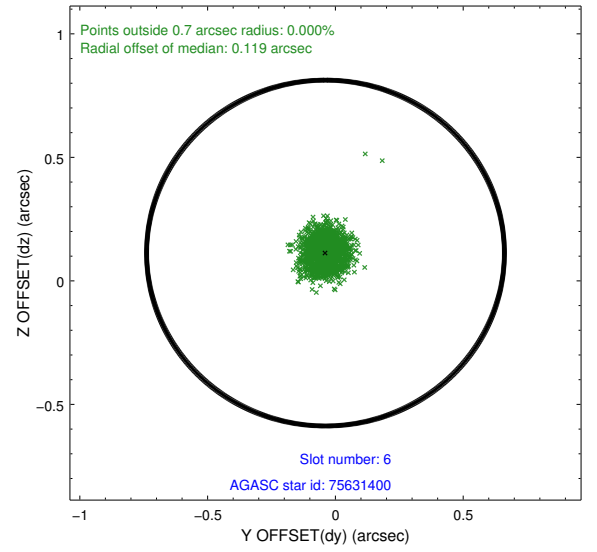
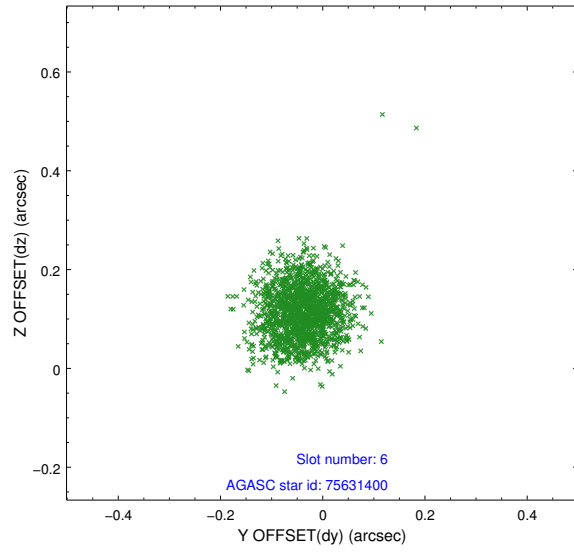
2.4.2 Slot 4



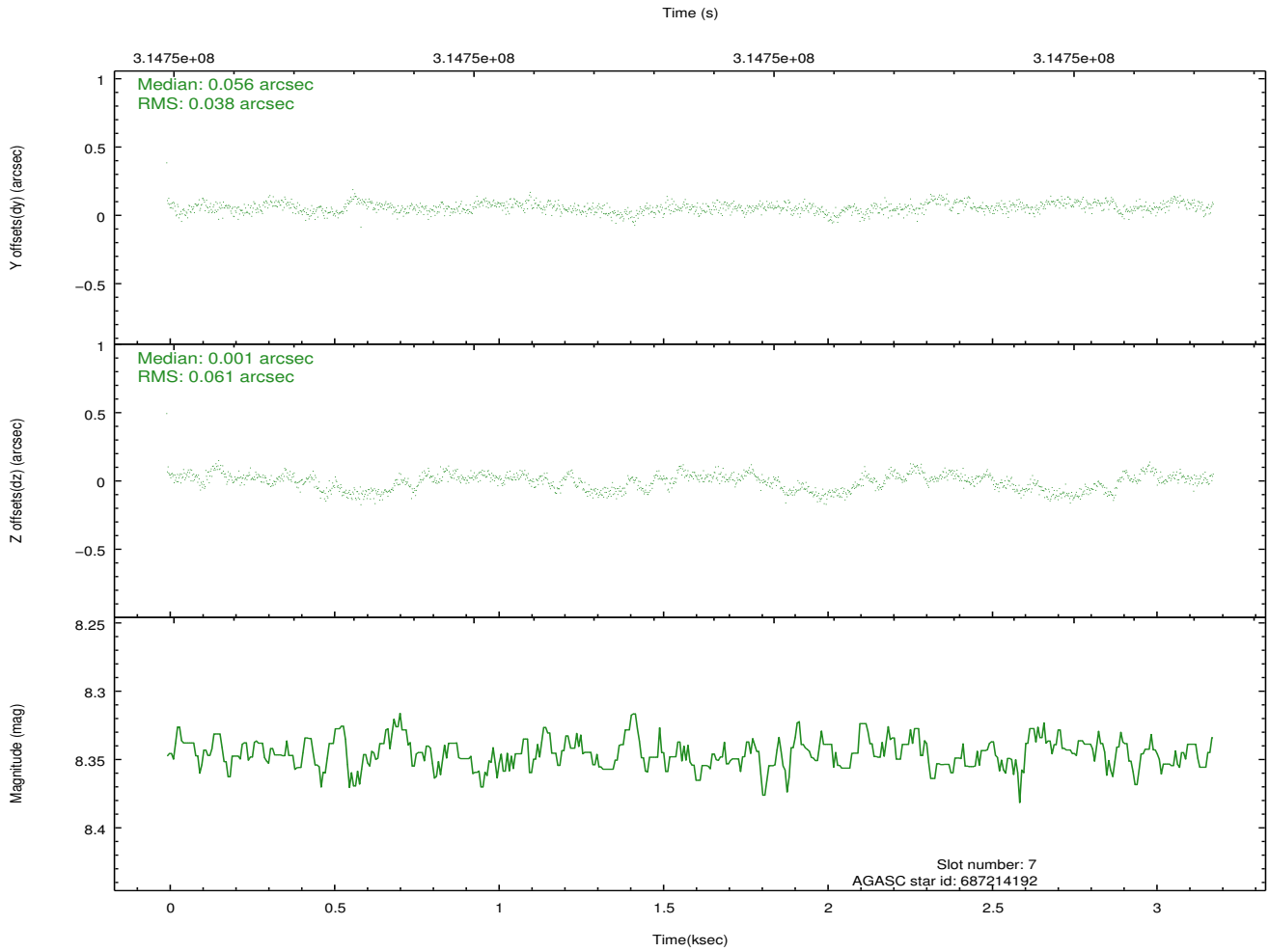
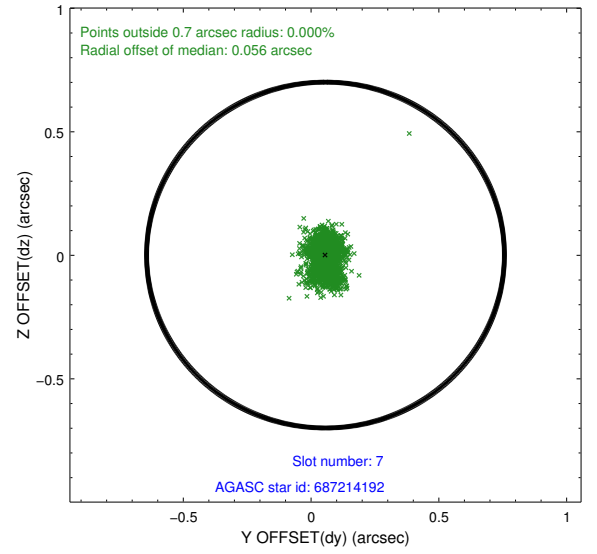
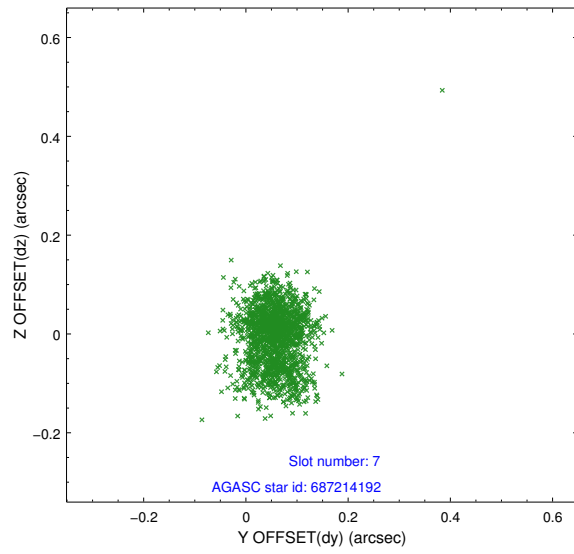
2.4.3 Slot 5



2.4.4 Slot 6

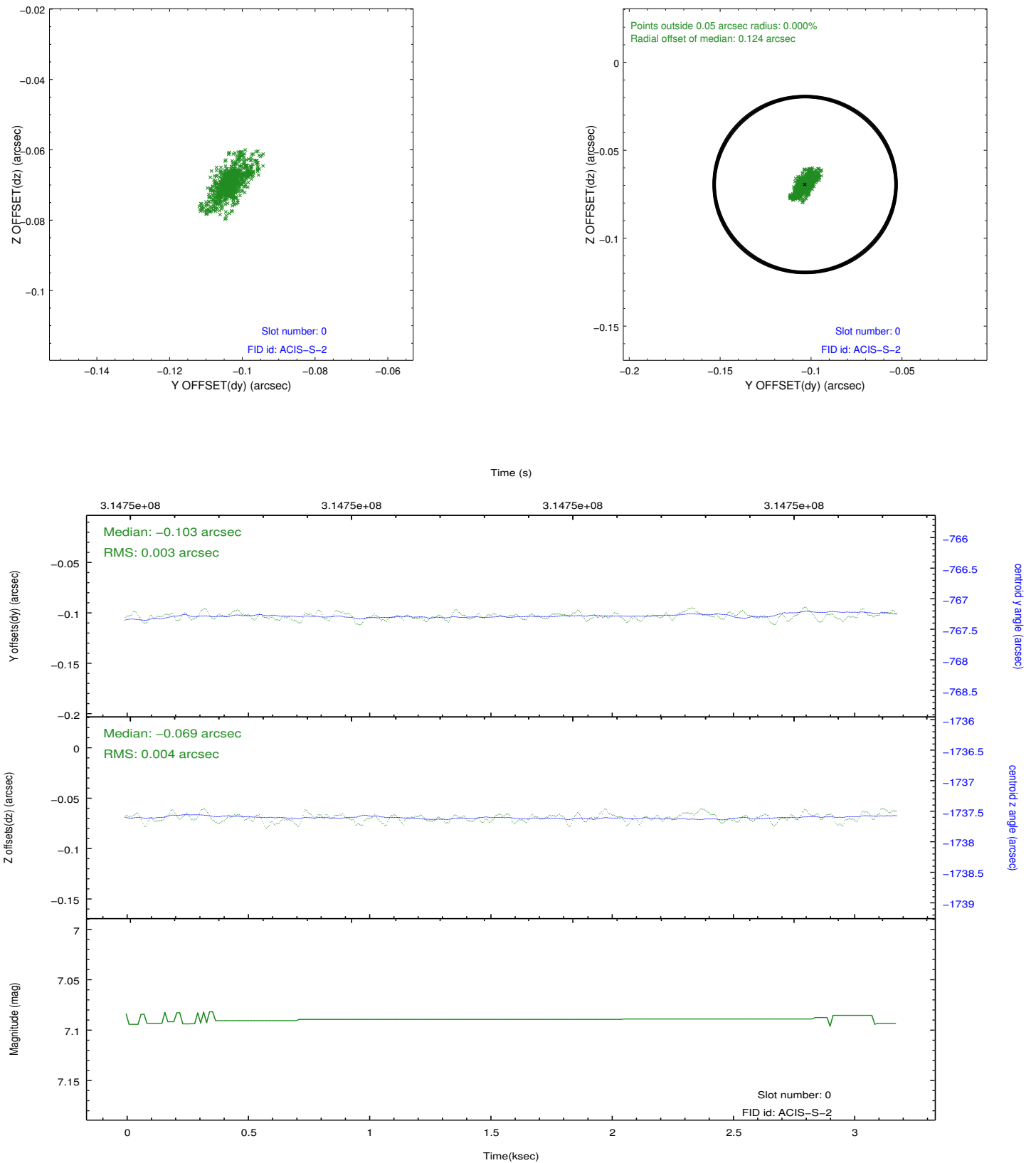


2.4.5 Slot 7

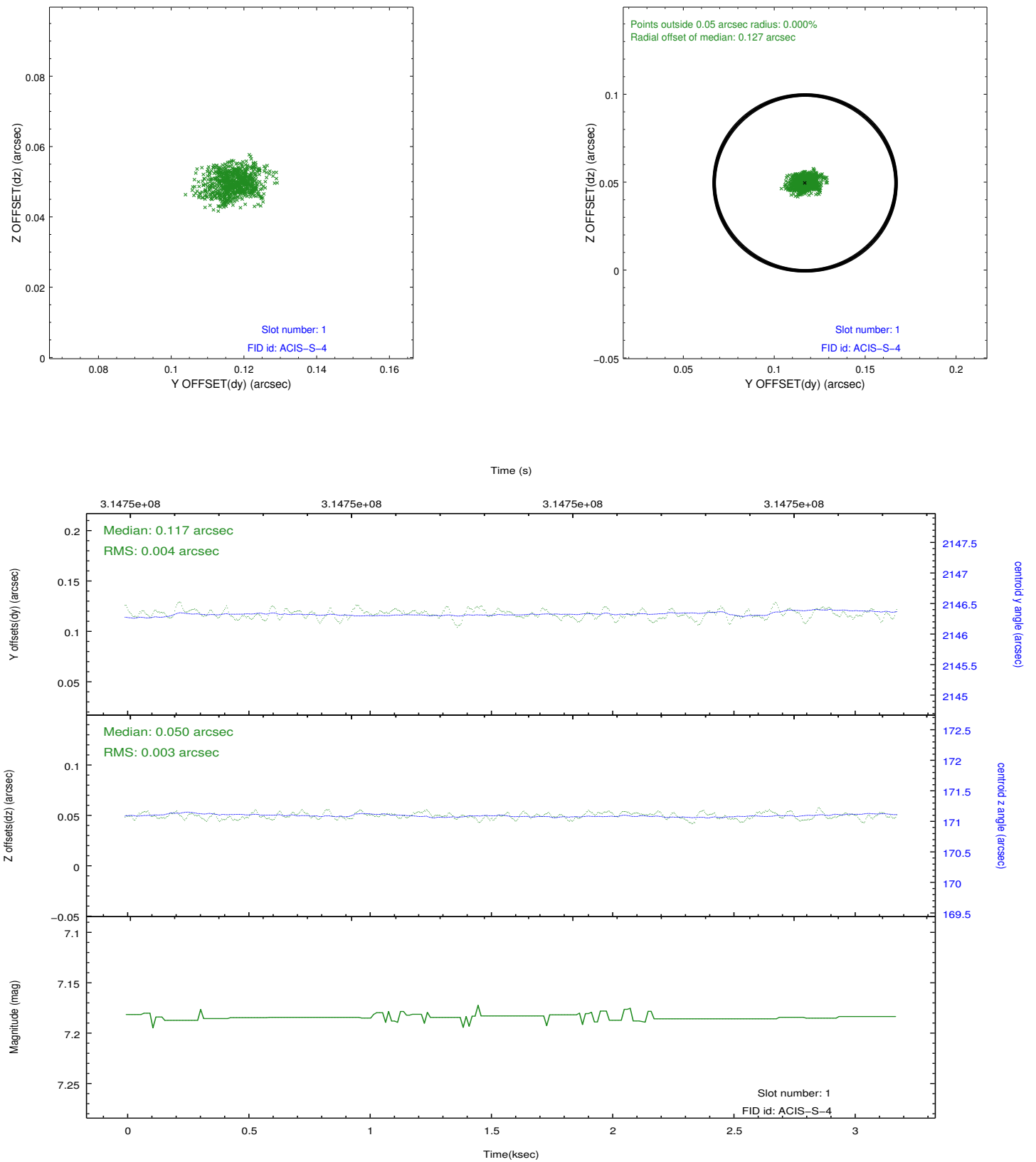


2.5 FID Slots

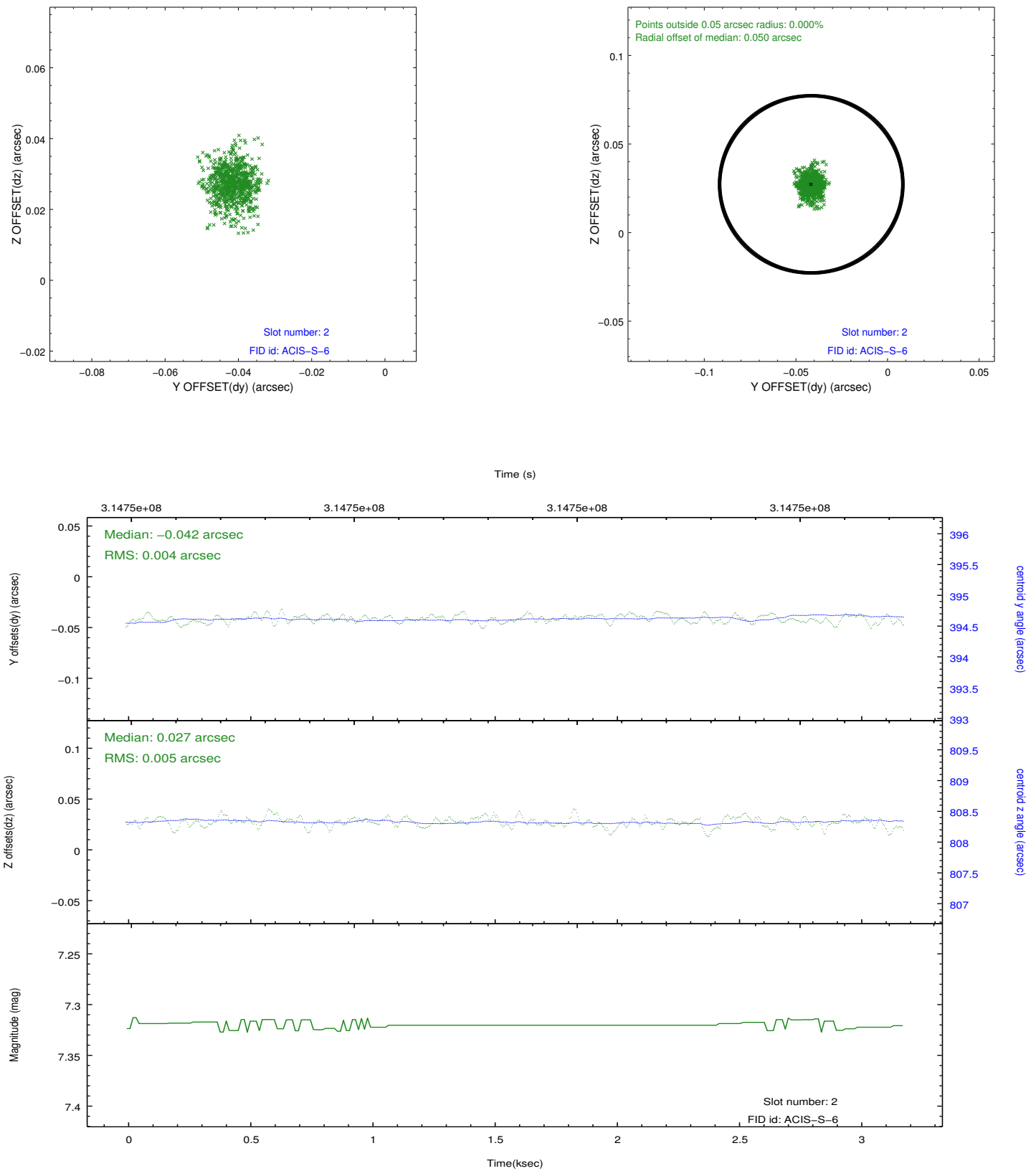
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.18069997

A.2 Comments

Joint proposal with HST and Spitzer.