

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8255 - L2 Version 2
Chandra X-Ray Center

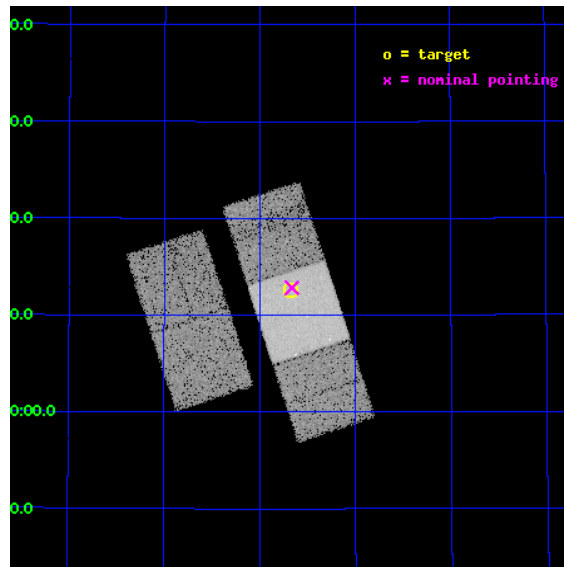
L2 Processing Date : May 2 2012

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1 Front

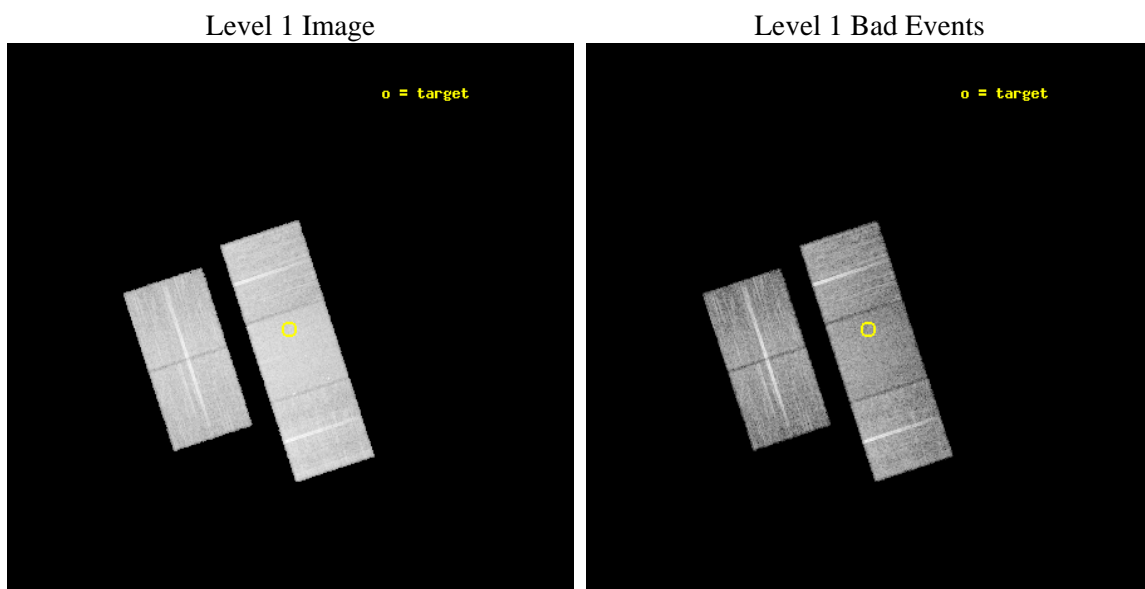
seq_num	701570	Sequence number
obs_id	8255	Observation id
title	A snapshot X-ray/radio survey of AGNs selected from the long menu of SDSS galaxies	Proposal title
observer	Dr. Sebastian Heinz	Principal investigator
object	2MASX J081040+481233	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	122.667792	Observer's specified target RA [deg]
dec_targ	48.209203	Observer's specified target Dec [deg]
ra_nom	122.66605469851	Nominal RA [deg]
dec_nom	48.213953051076	Nominal Dec [deg]
roll_nom	71.994335898296	Nominal Roll [deg]
revision	2	Processing version of data
ontime	11153.800085783	Sum of GTIs [s]
livetime	11008.067476354	Livetime [s]
ontime2	11153.800085783	Sum of GTIs [s]
ontime3	11153.800085783	Sum of GTIs [s]
ontime6	11153.800085783	Sum of GTIs [s]
ontime7	11153.800085783	Sum of GTIs [s]
ontime8	11153.800085783	Sum of GTIs [s]
l2events	108980	Number of level 2 events



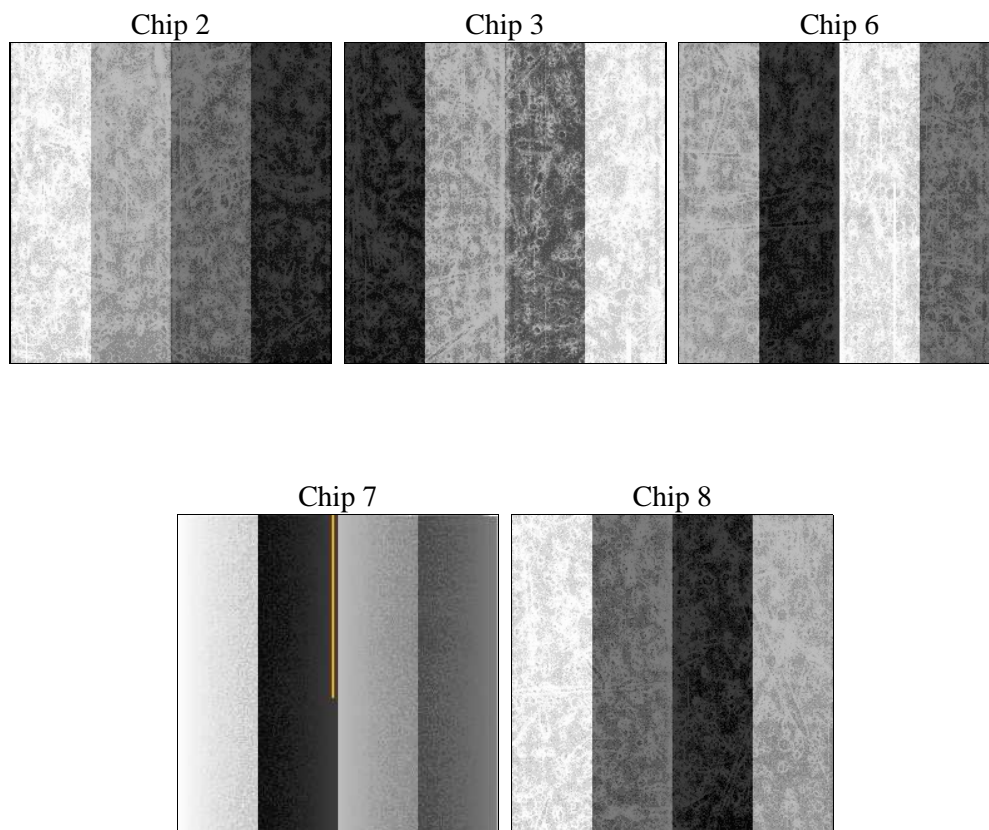
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	11000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	11153.800085783	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	11153.800085783	Sum of GTIs [s]
date	2012-05-02T09:45:17	Date and time of file creation	ontime3	11153.800085783	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	11153.800085783	Sum of GTIs [s]
			ontime7	11153.800085783	Sum of GTIs [s]
			ontime8	11153.800085783	Sum of GTIs [s]
			l1events	632368	Number of level 1 events

2.1.4 Events

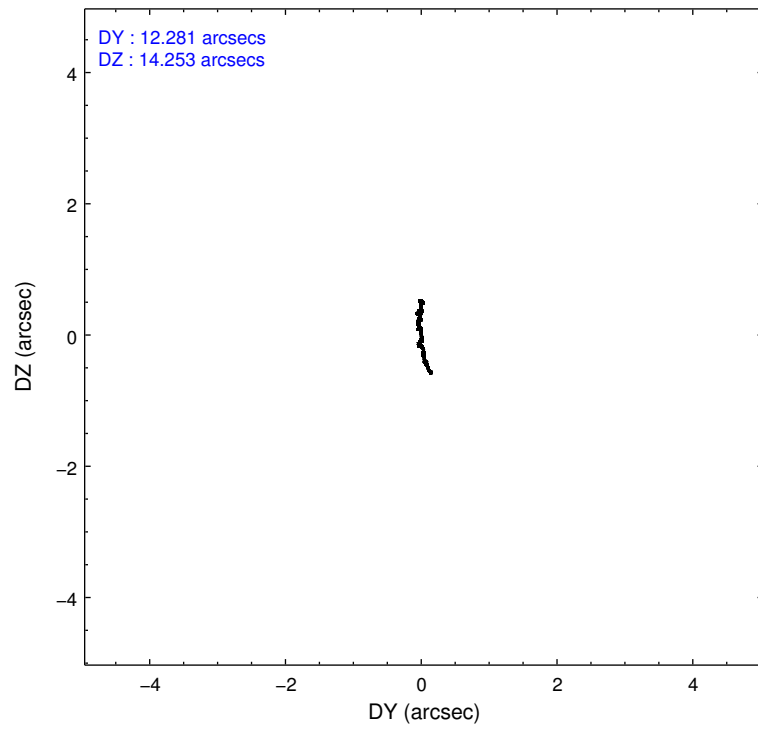
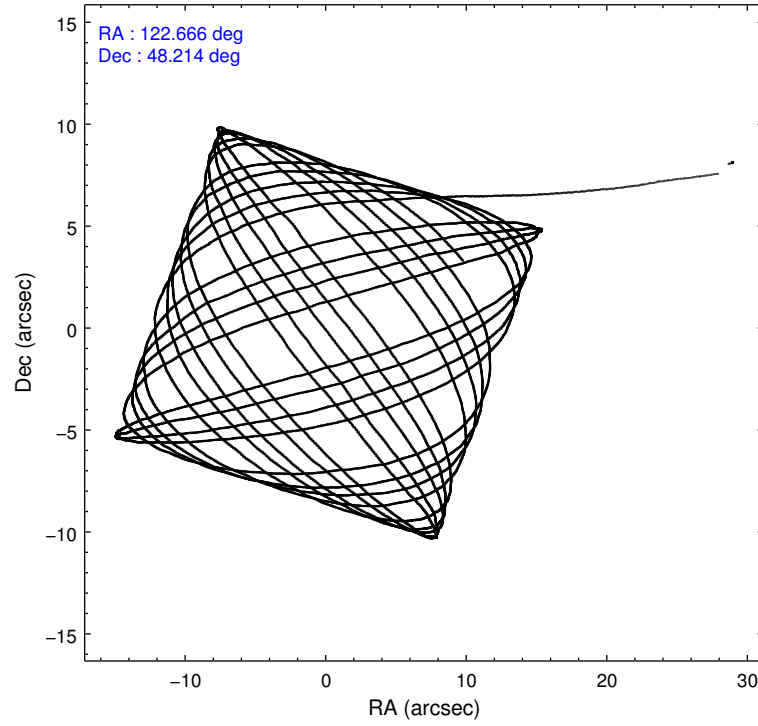
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	110893	110134	114851	153713	142777
rejected events	98026	97091	101639	90612	111651
rejected %	88%	88%	88%	58%	78%

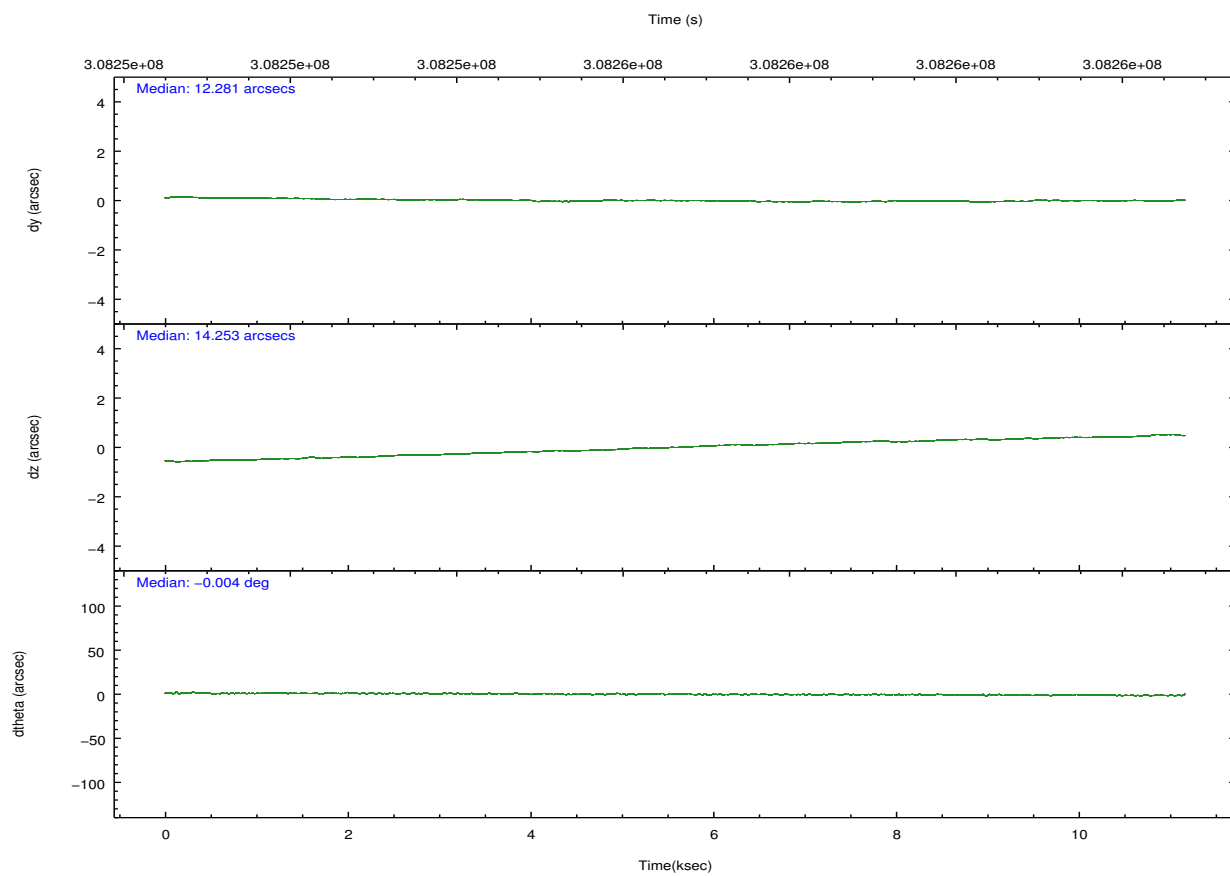
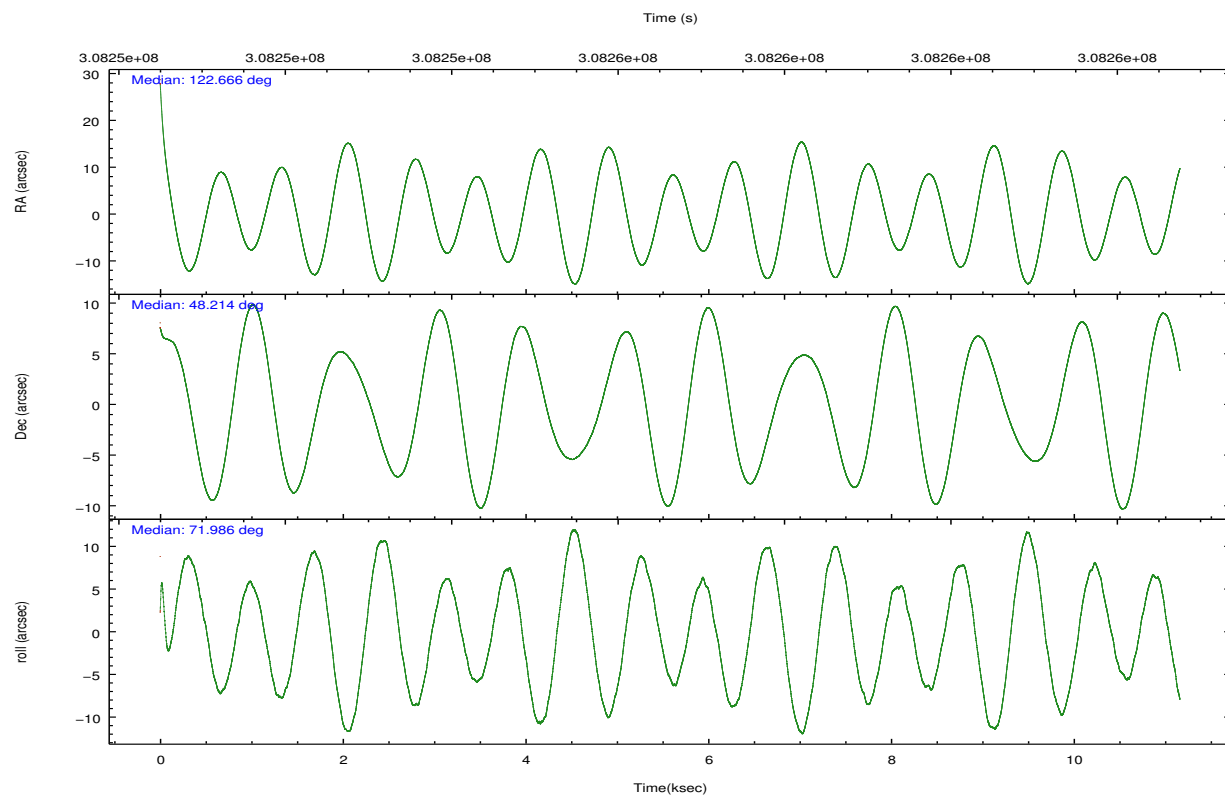
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	5736	5712	5093	5385	9778
	5%	5%	4%	3%	6%
grade 1 events	69	66	54	144	134
	0%	0%	0%	0%	0%
grade 2 events	2677	2656	3058	13099	7384
	2%	2%	2%	8%	5%
grade 3 events	1224	1277	1237	5372	3176
	1%	1%	1%	3%	2%
grade 4 events	1195	1191	1235	5203	2958
	1%	1%	1%	3%	2%
grade 5 events	3986	5207	5249	14433	7071
	3%	4%	4%	9%	4%
grade 6 events	2176	2374	2749	34803	8386
	1%	2%	2%	22%	5%
grade 7 events	93830	91651	96176	75274	103890
	84%	83%	83%	48%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	122.675148	122.6660546985082	CCD I2 on	O1	Y
[deg] Pointing Dec	48.187255	48.21395305107615	CCD I3 on	O2	Y
[deg] Pointing Roll	71.830908	71.99433589829562	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O4	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O3	Y
[s] Observation start time (MET)	308251197.184000	308250139.40115	CCD S5 on	N	N
Observation start date	2007-10-08T17:18:52	2007-10-08T17:02:19	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	308262197.184000	308262823.77676	On-chip summing requested	N	N
Observation end date	2007-10-08T20:22:12	2007-10-08T20:33:43	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



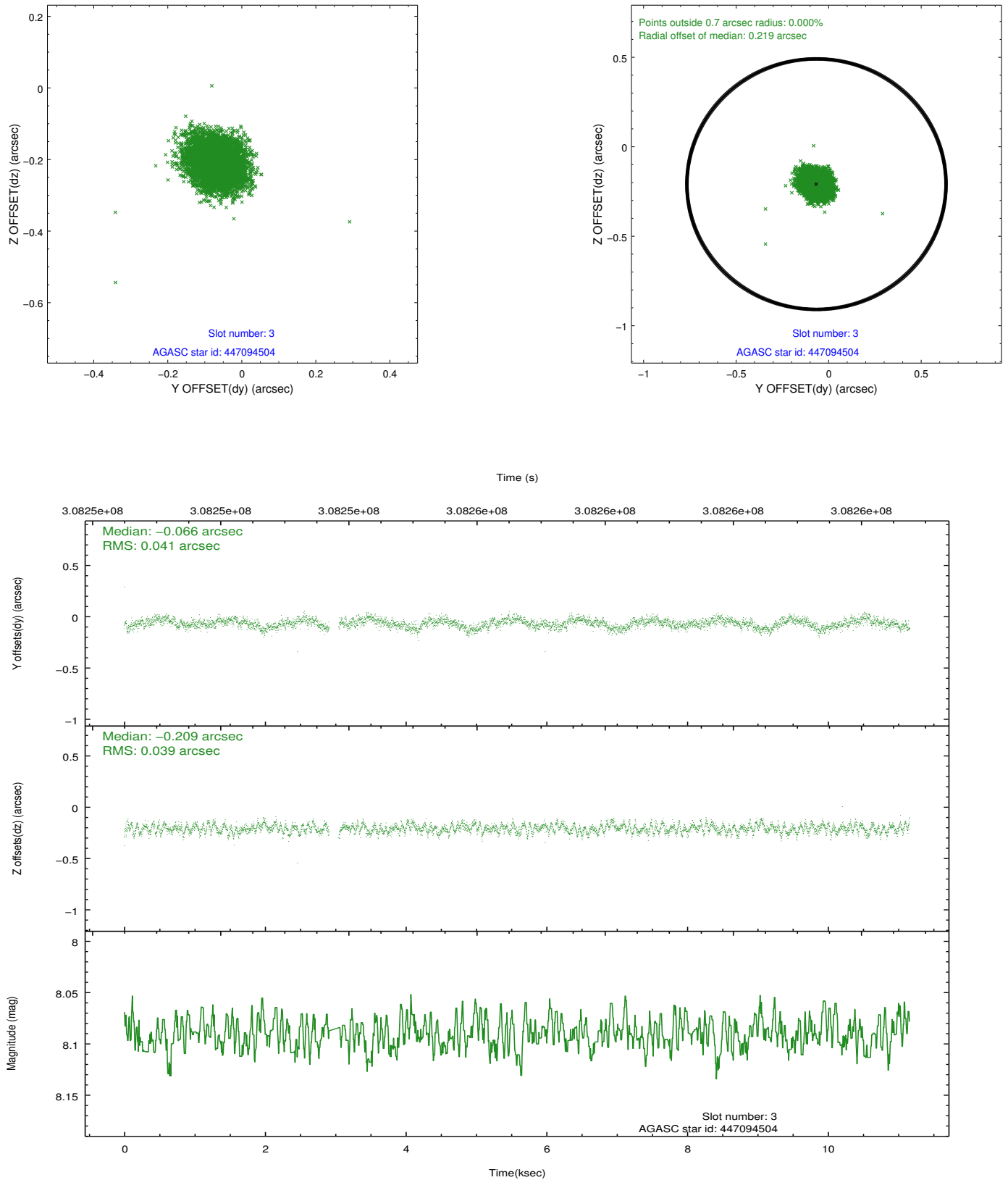


Slot Statistics

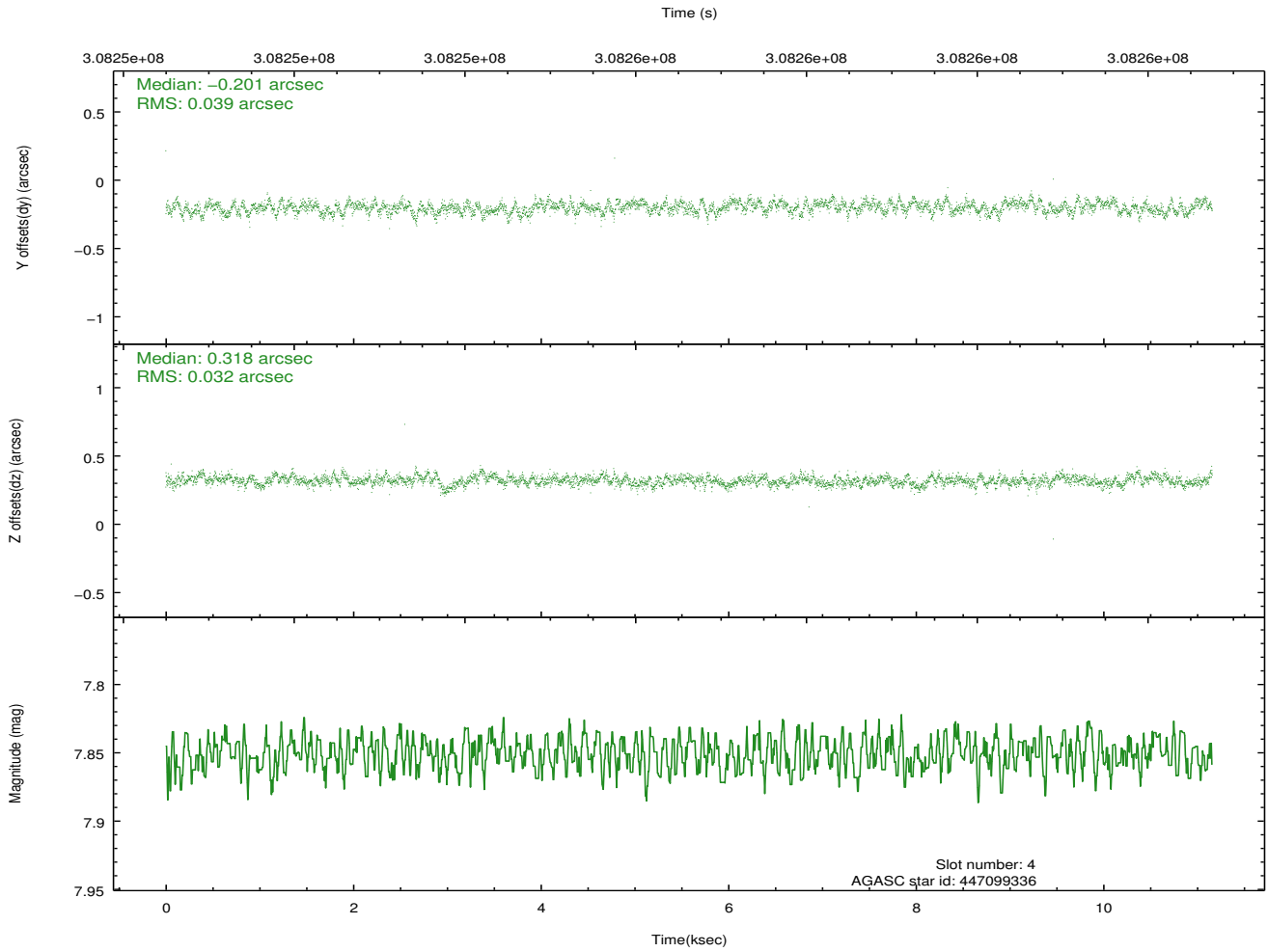
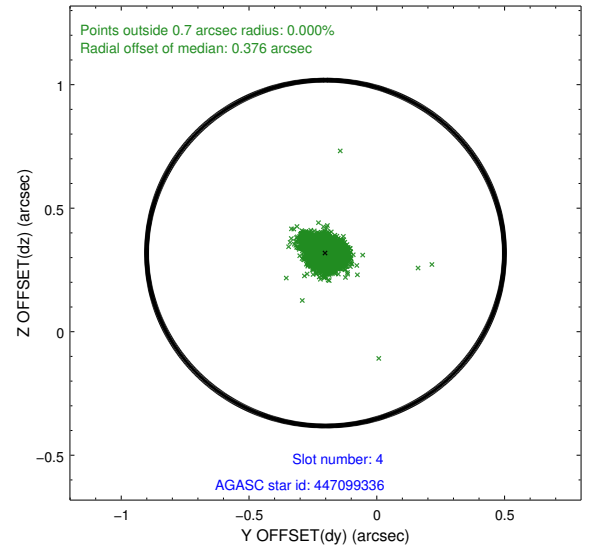
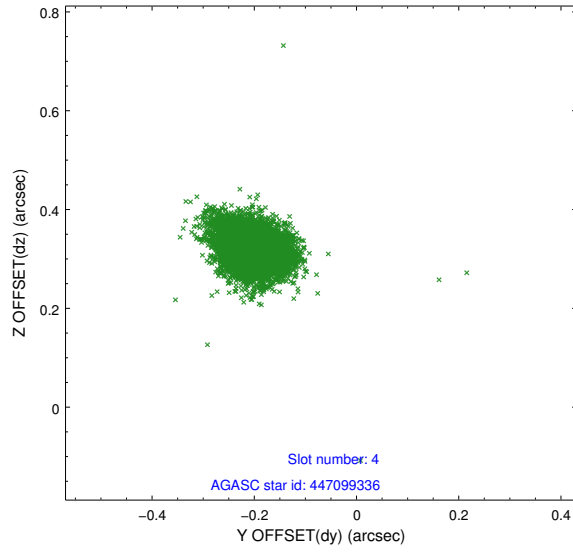
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	2723	-0.040	-0.034	0.012	0.019	0.000000	0.000000	-765.22	-1735.63
1	FID	ACIS-S-4	7.19	2722	0.134	0.028	0.006	0.012	0.000000	0.000000	2148.01	172.45
2	FID	ACIS-S-5	7.23	2723	-0.126	0.013	0.011	0.018	0.000000	0.000000	-1817.57	166.61
3	GUIDE	447094504	8.09	5377	-0.066	-0.209	0.060	0.095	122.766452	48.477234	1060.10	118.50
4	GUIDE	447099336	7.85	5443	-0.201	0.318	0.053	0.085	123.619219	48.437866	1573.88	-1856.35
5	GUIDE	447102176	8.33	5445	0.213	-0.106	0.057	0.099	121.840846	47.716563	-2229.30	1394.28
6	GUIDE	447102384	7.60	5445	0.056	-0.172	0.054	0.087	122.053314	48.163849	-540.33	1394.30
7	GUIDE	447095696	7.33	5444	-0.008	0.161	0.070	0.117	123.365697	48.280823	843.10	-1463.78

2.4 Star Slots

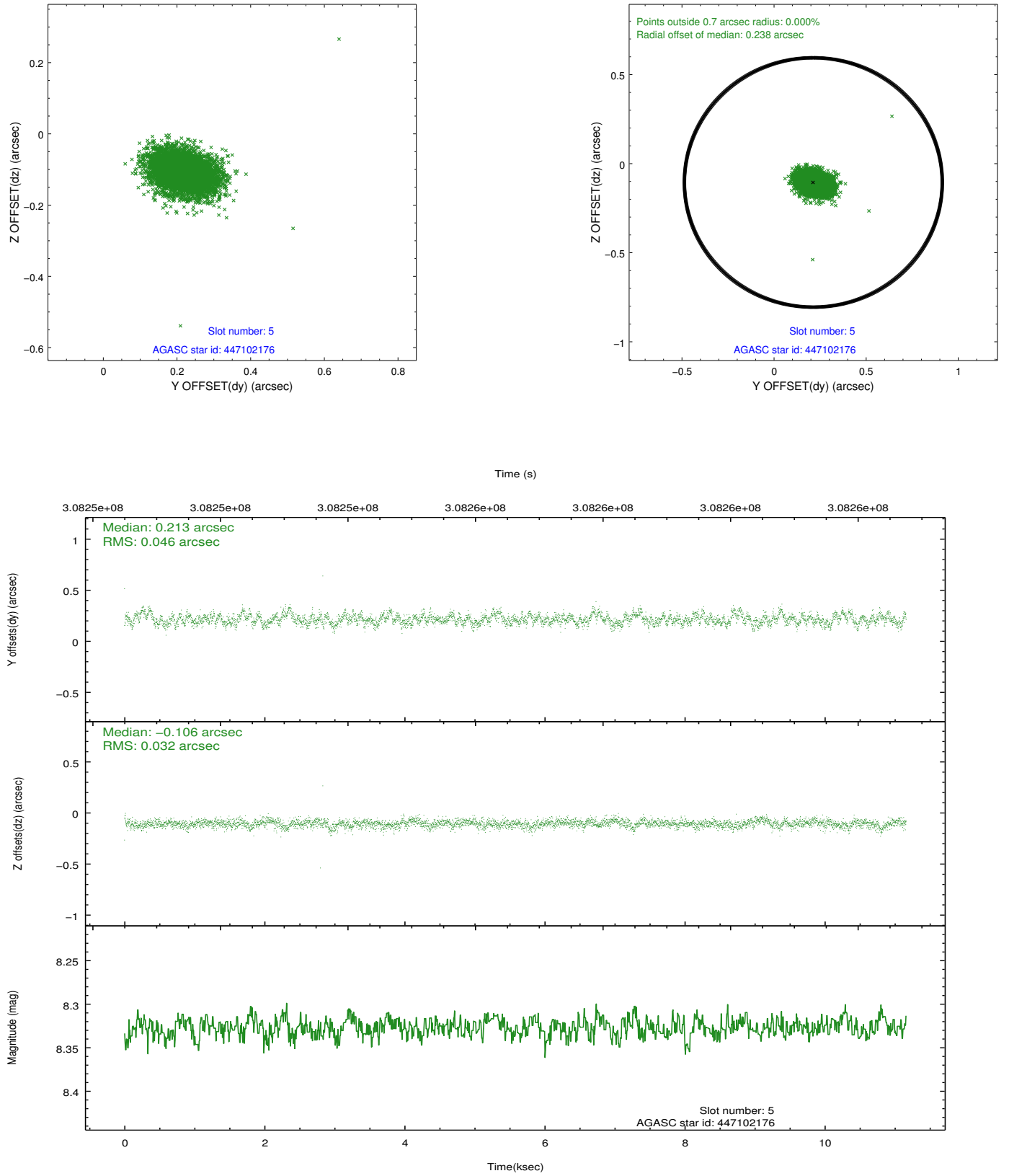
2.4.1 Slot 3



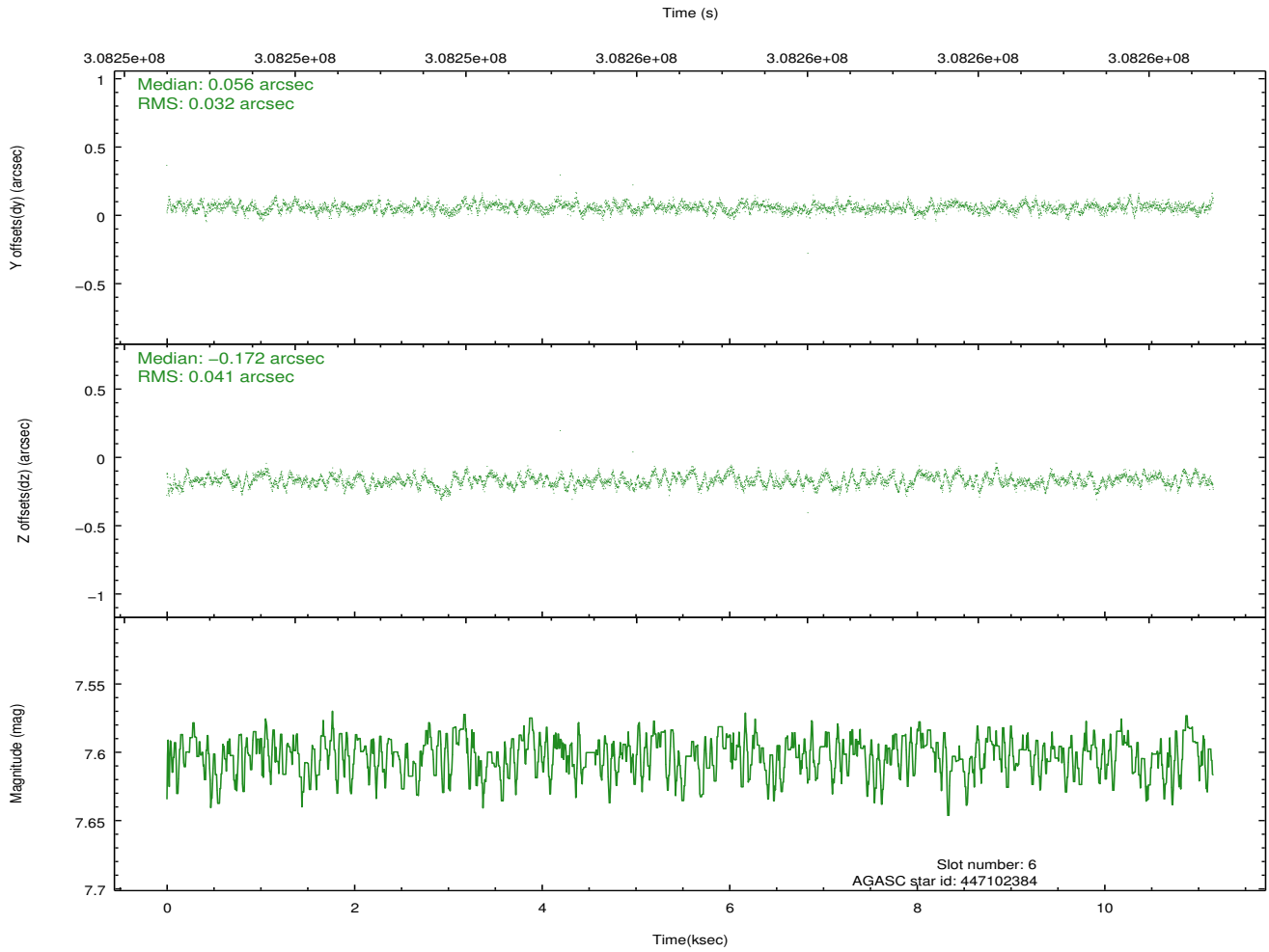
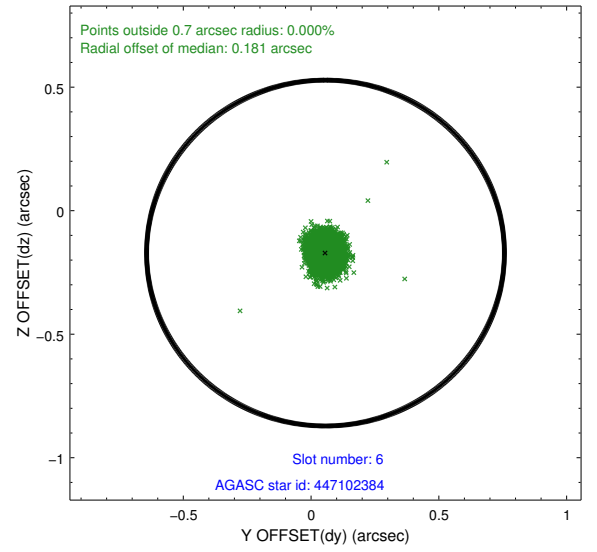
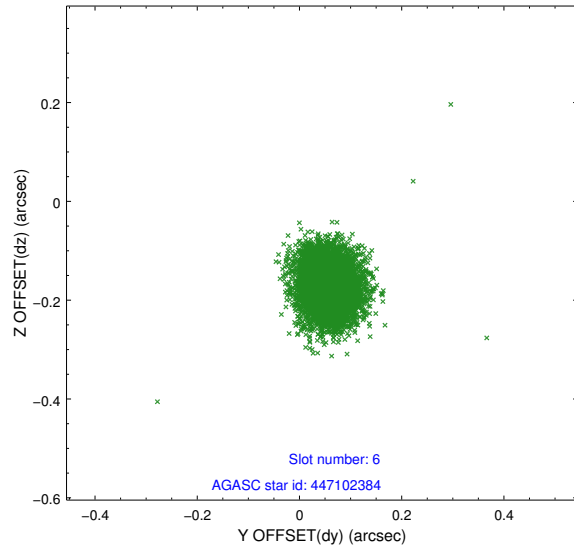
2.4.2 Slot 4



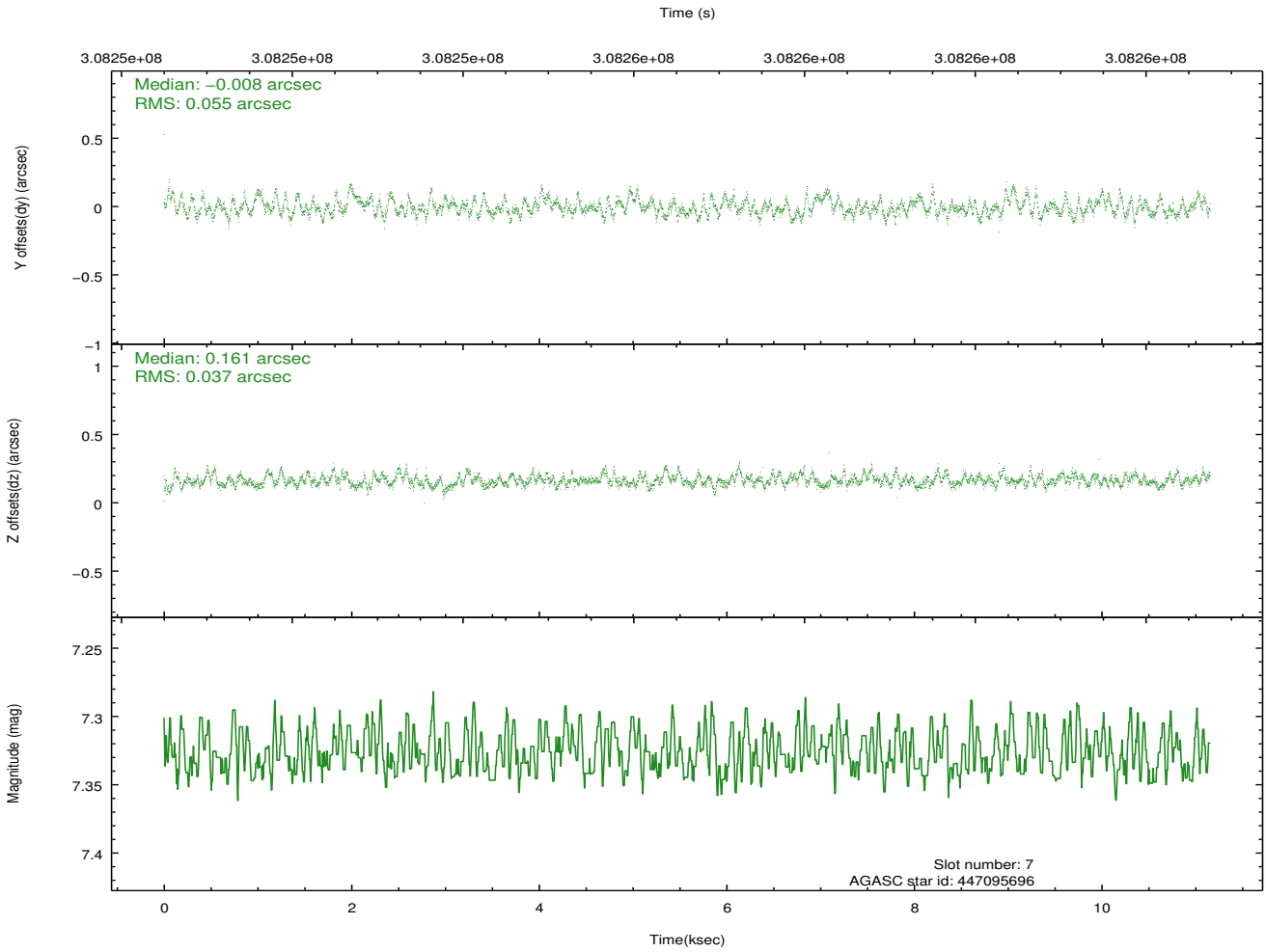
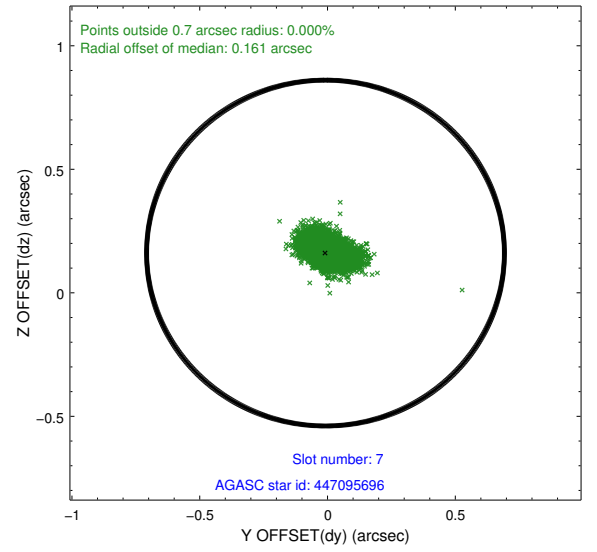
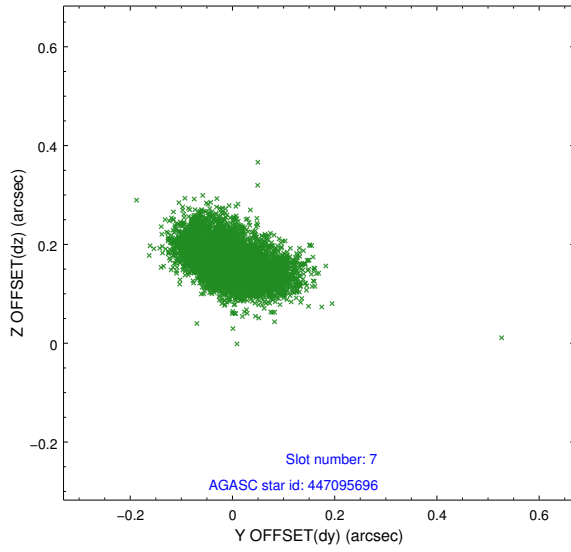
2.4.3 Slot 5



2.4.4 Slot 6

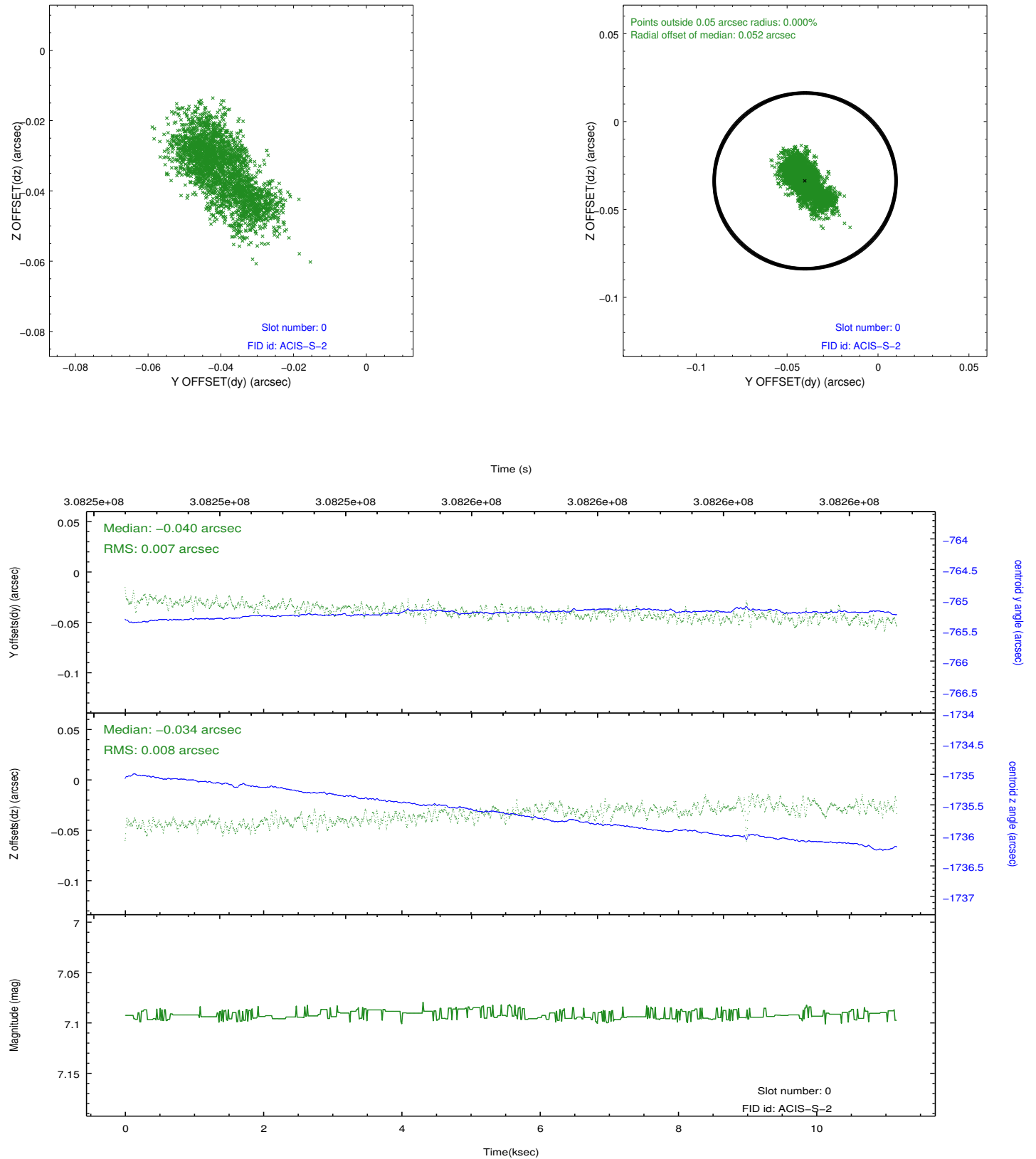


2.4.5 Slot 7

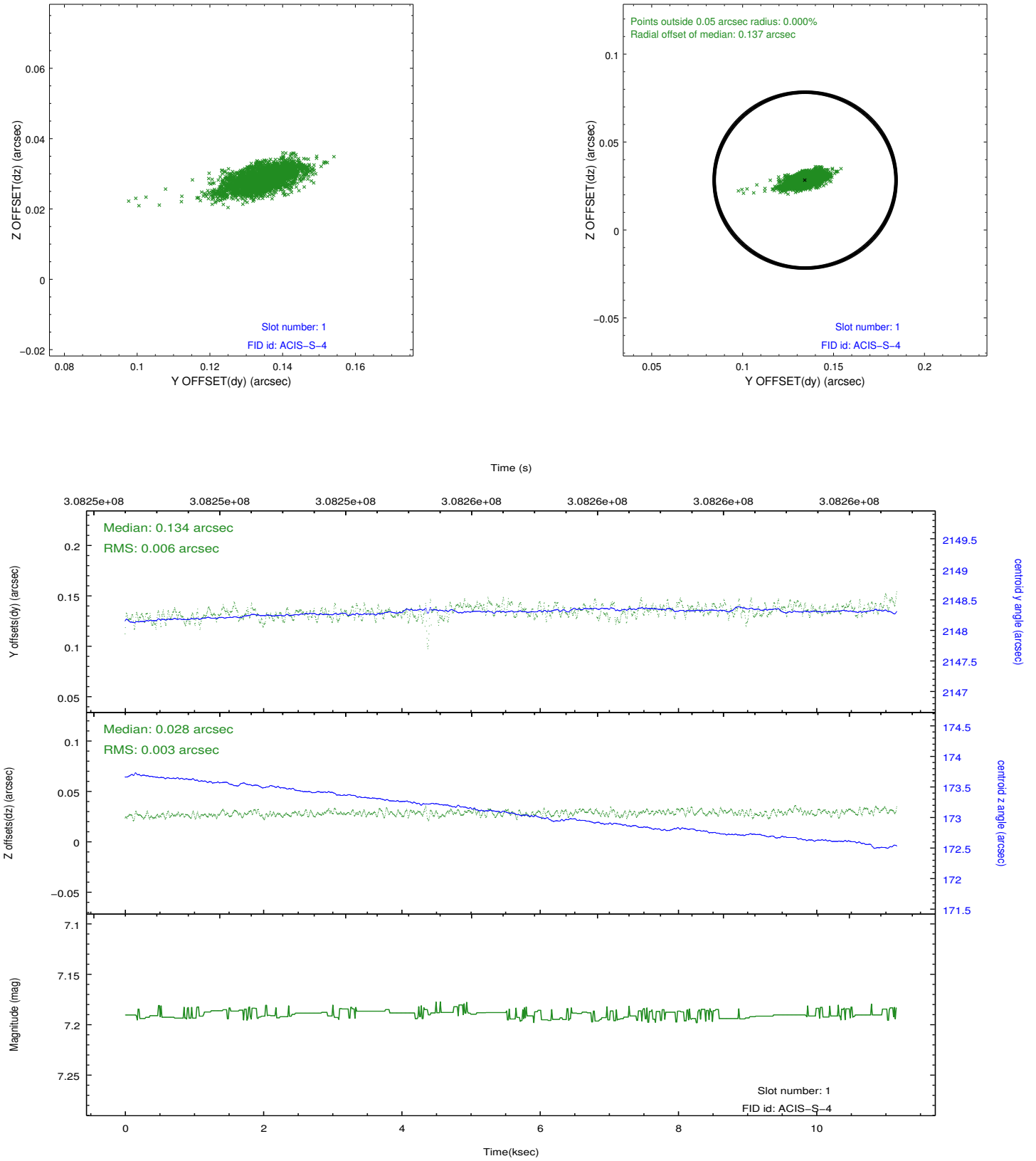


2.5 FID Slots

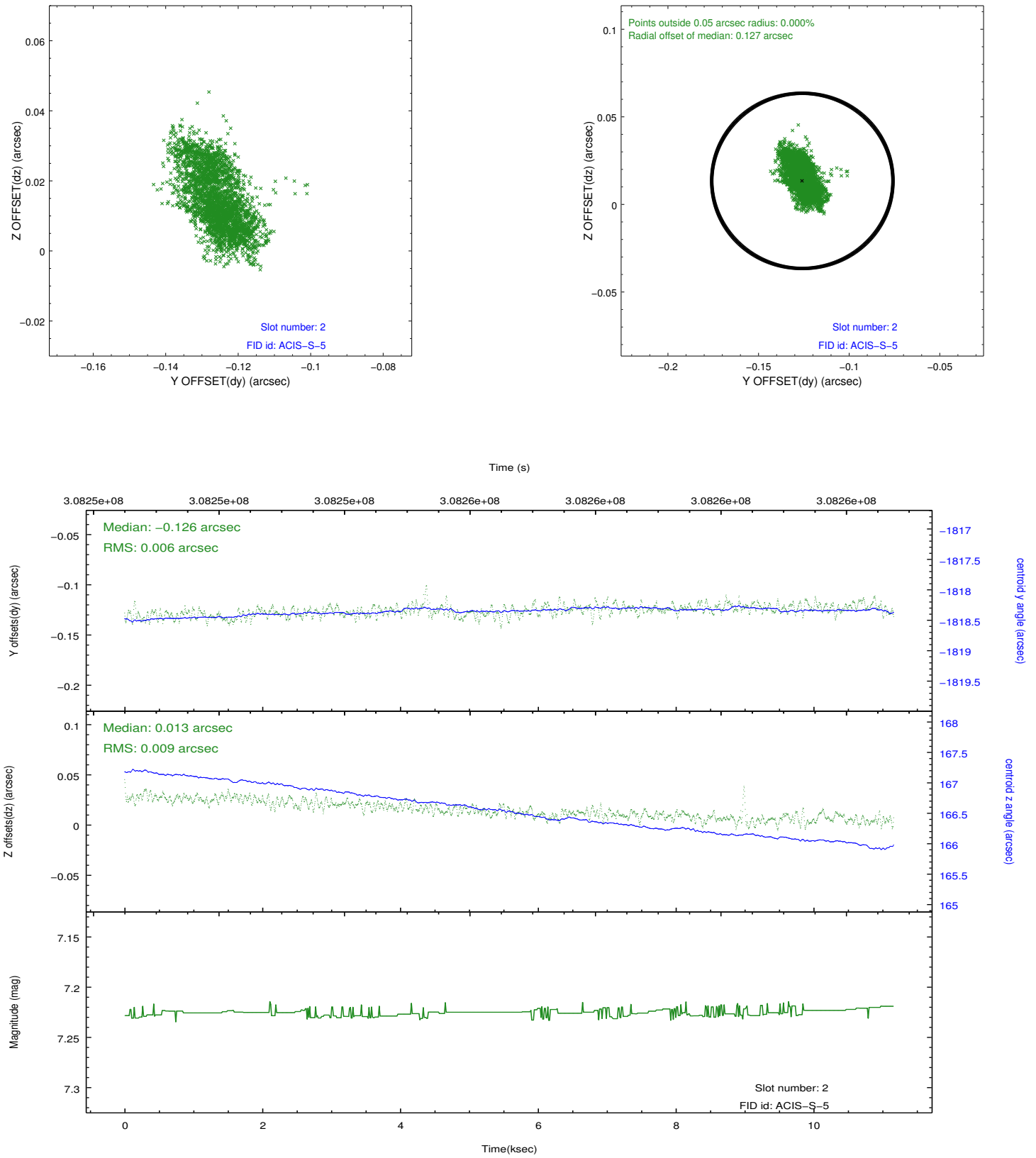
2.5.1 Slot 0



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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.1538

A.2 Comments

Coordinated observation with VLA.