

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9198 - L2 Version 2
Chandra X-Ray Center

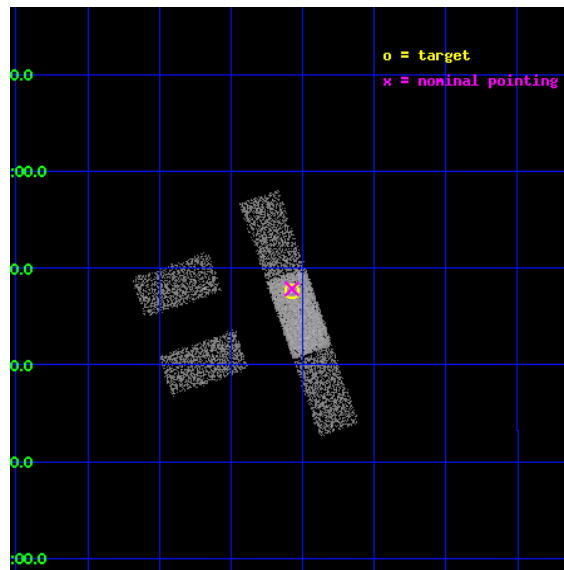
L2 Processing Date : May 8 2012

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1 Front

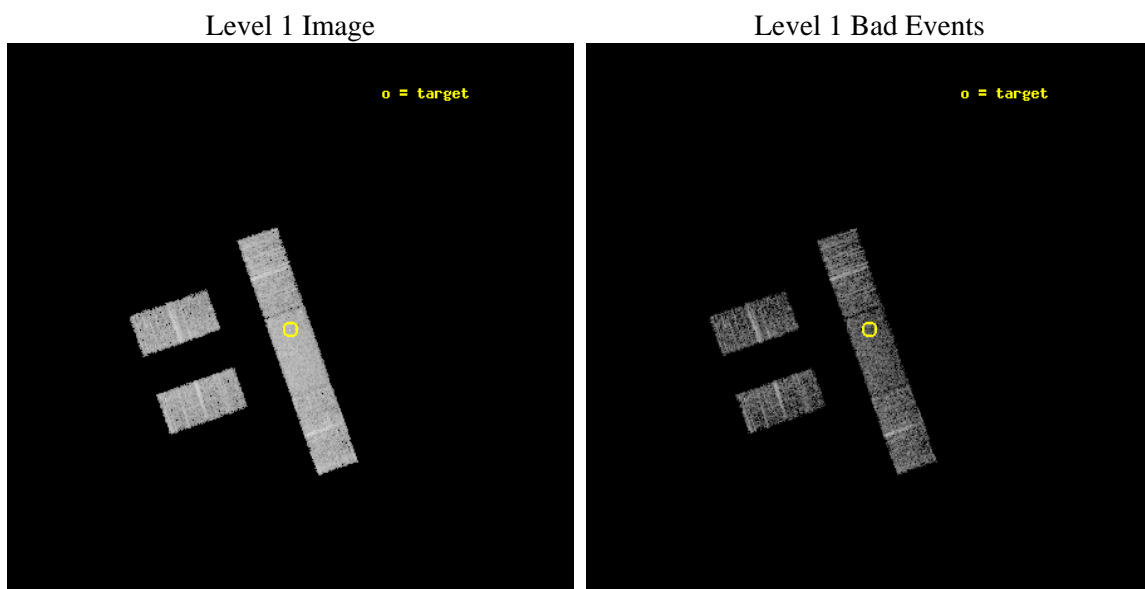
seq_num	701640	Sequence number
obs_id	9198	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S24	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	210.144583	Observer's specified target RA [deg]
dec_targ	0.792611	Observer's specified target Dec [deg]
ra_nom	210.1436804061	Nominal RA [deg]
dec_nom	0.79741761384393	Nominal Dec [deg]
roll_nom	70.736415645005	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3148.399977982	Sum of GTIs [s]
livetime	3074.1855227734	Livetime [s]
ontime2	3148.399977982	Sum of GTIs [s]
ontime3	3148.399977982	Sum of GTIs [s]
ontime6	3148.399977982	Sum of GTIs [s]
ontime7	3148.399977982	Sum of GTIs [s]
ontime8	3148.399977982	Sum of GTIs [s]
l2events	16349	Number of level 2 events



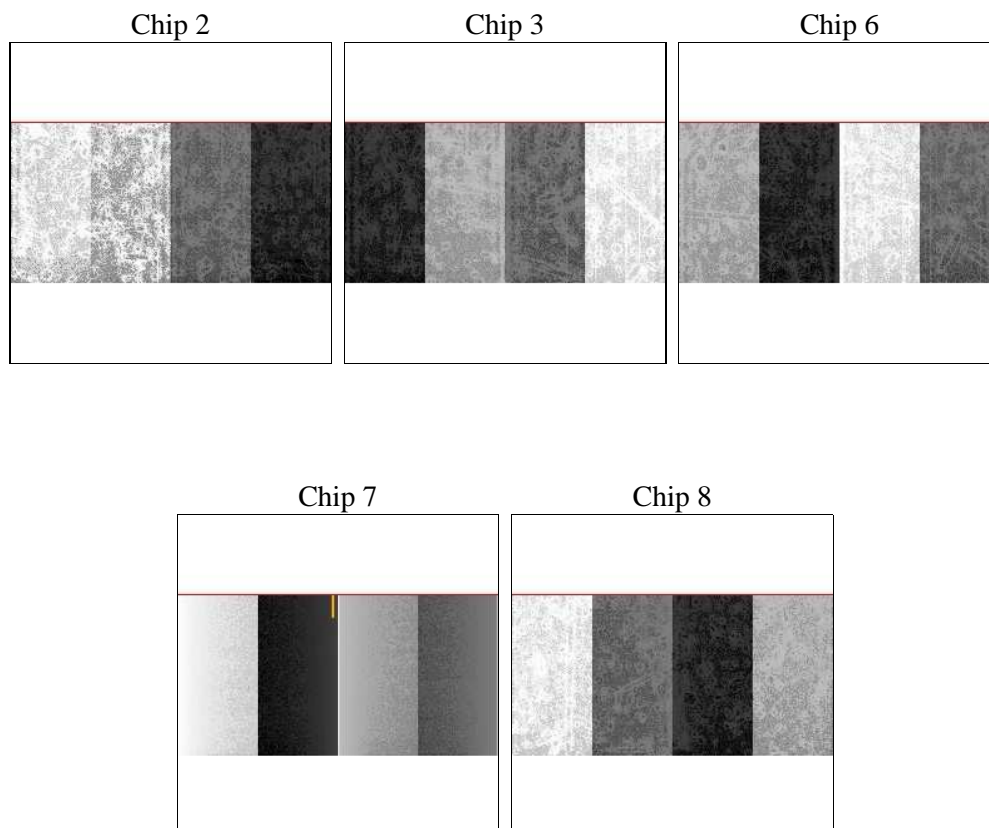
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3148.399977982	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3148.399977982	Sum of GTIs [s]
date	2012-05-08T14:36:17	Date and time of file creation	ontime3	3148.399977982	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3148.399977982	Sum of GTIs [s]
			ontime7	3148.399977982	Sum of GTIs [s]
			ontime8	3148.399977982	Sum of GTIs [s]
			l1events	103797	Number of level 1 events

2.1.4 Events

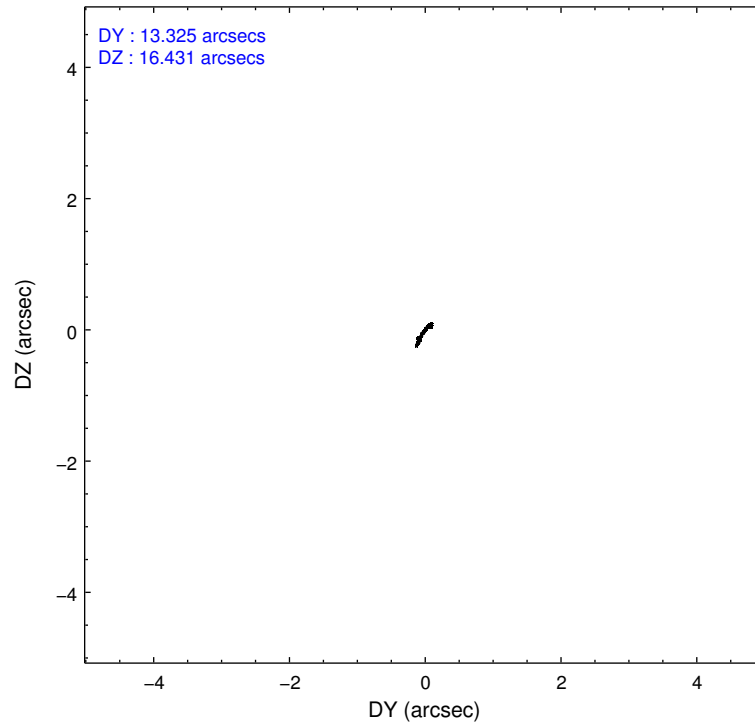
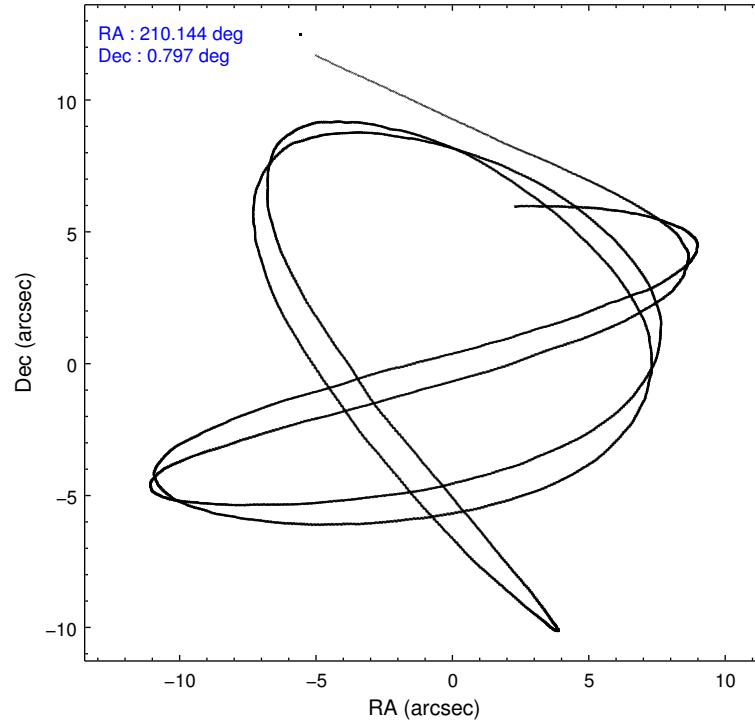
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	17538	18332	19864	24656	23407
rejected events	15588	16291	17807	15075	19087
rejected %	88%	88%	89%	61%	81%

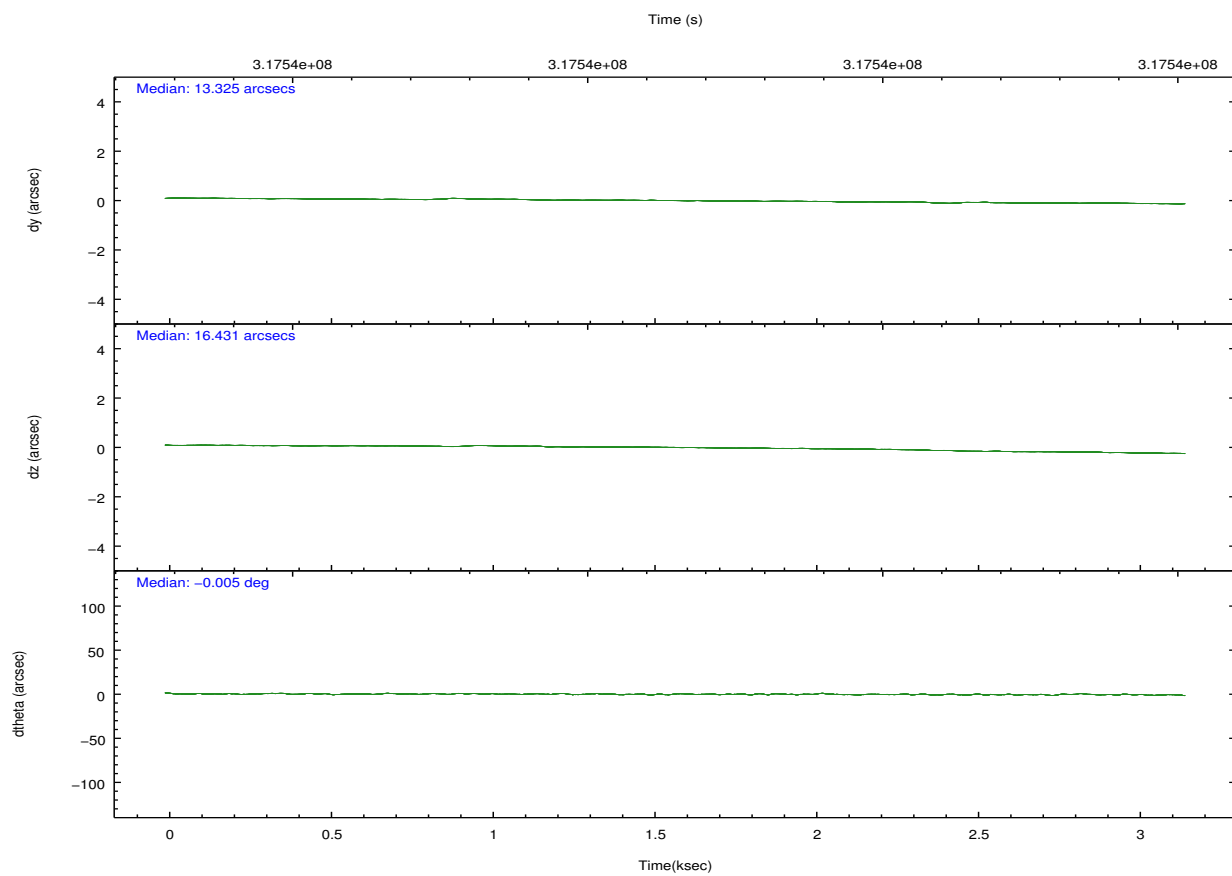
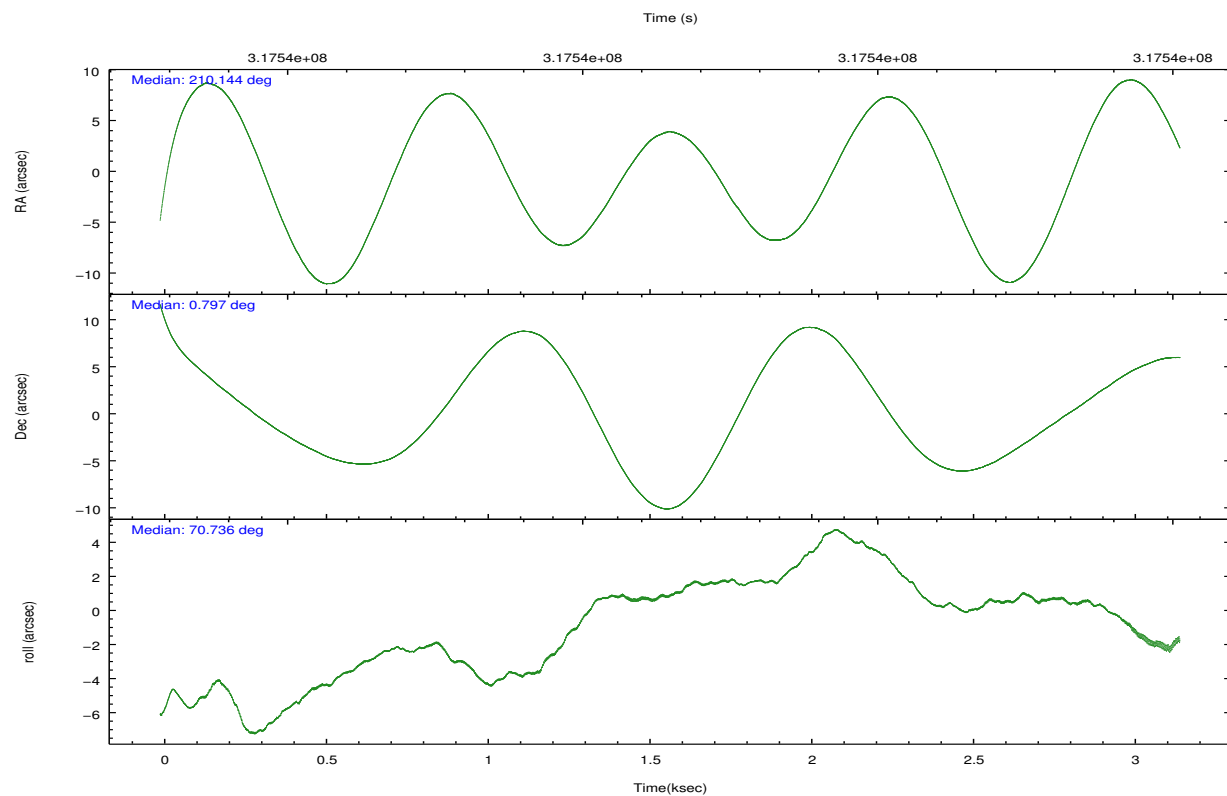
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	959	904	846	1052	1432
	5%	4%	4%	4%	6%
grade 1 events	9	11	4	20	16
	0%	0%	0%	0%	0%
grade 2 events	432	440	460	2213	1105
	2%	2%	2%	8%	4%
grade 3 events	200	255	236	1056	483
	1%	1%	1%	4%	2%
grade 4 events	229	278	241	1005	458
	1%	1%	1%	4%	1%
grade 5 events	702	865	889	2289	1168
	4%	4%	4%	9%	4%
grade 6 events	355	372	484	5380	1309
	2%	2%	2%	21%	5%
grade 7 events	14652	15207	16704	11641	17436
	83%	82%	84%	47%	74%

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	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	210.149002	210.143680406101	CCD I2 on	O1	Y
[deg] Pointing Dec	0.770559	0.7974176138439302	CCD I3 on	Y	Y
[deg] Pointing Roll	70.579702	70.73641564500545	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	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	Y	Y
[s] Observation start time (MET)	317541866.184000	317540891.03767	CCD S5 on	N	N
Observation start date	2008-01-24T06:03:21	2008-01-24T05:48:11	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	317544866.184000	317545603.47539	On-chip summing requested	N	N
Observation end date	2008-01-24T06:53:21	2008-01-24T07:06:43	Subarray requested	CUSTOM	1/2
Read mode	TIMED	TIMED	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



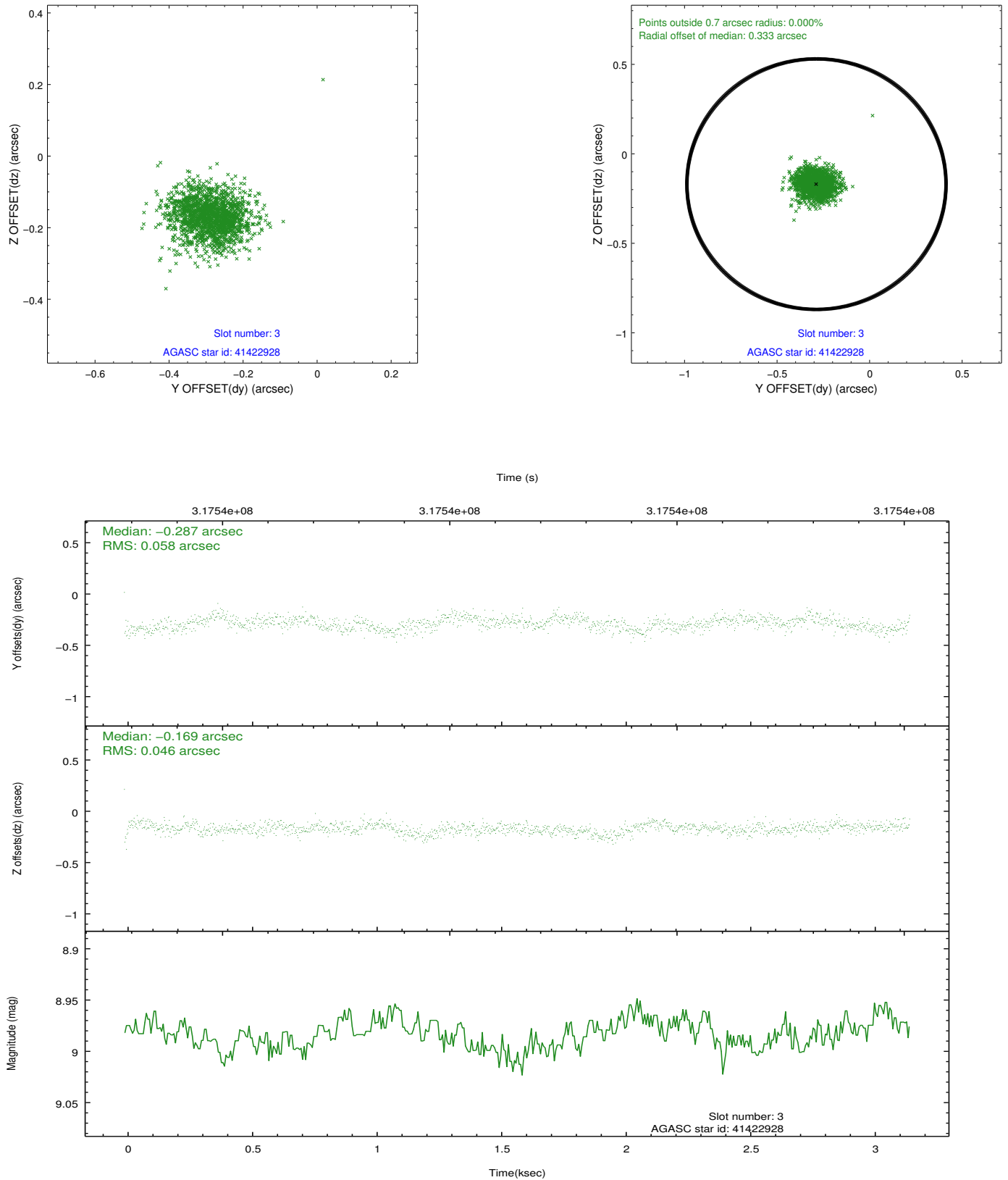


Slot Statistics

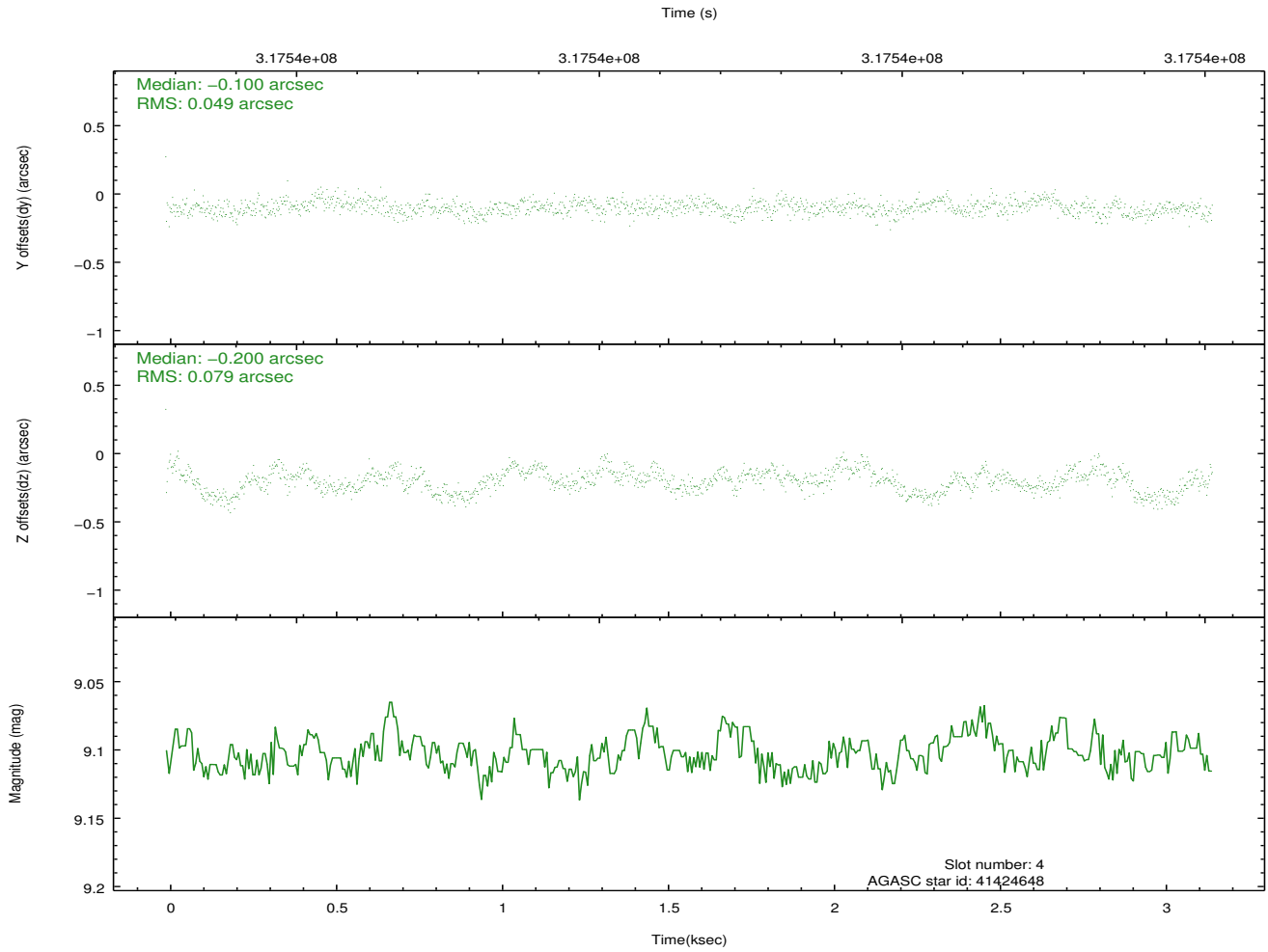
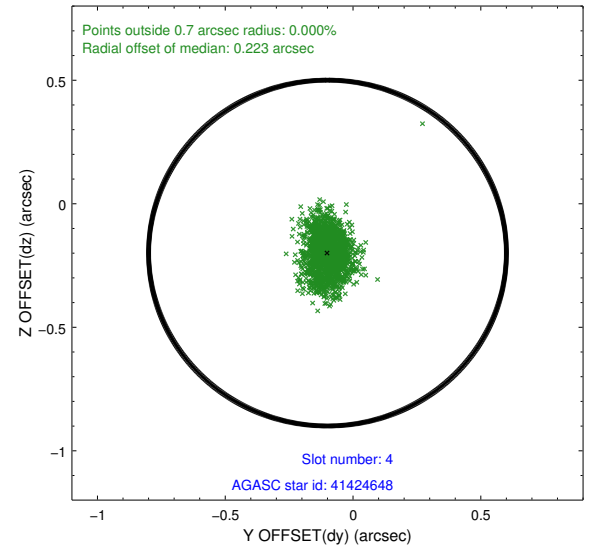
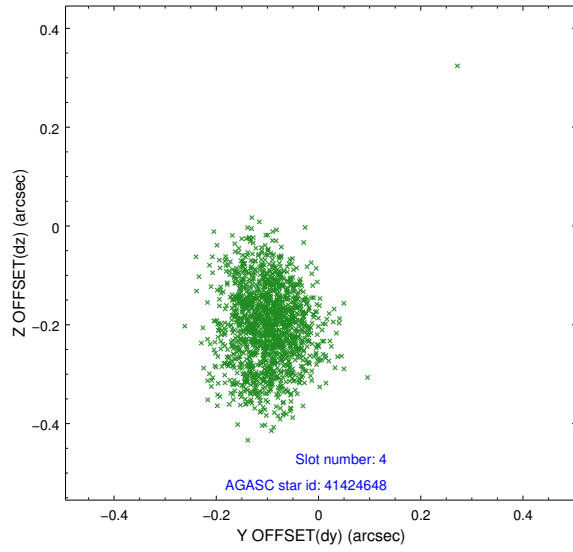
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	769	0.109	-0.115	0.008	0.012	0.000000	0.000000	929.90	-1733.51
1	FID	ACIS-S-5	7.22	769	-0.157	0.065	0.007	0.012	0.000000	0.000000	-1818.23	162.14
2	FID	ACIS-S-6	7.32	768	0.026	0.062	0.007	0.013	0.000000	0.000000	393.18	808.38
3	GUIDE	41422928	8.98	1538	-0.287	-0.169	0.077	0.127	210.288545	1.324568	2047.21	190.02
4	GUIDE	41424648	9.10	1537	-0.100	-0.200	0.099	0.161	210.207665	1.169565	1426.46	278.98
5	GUIDE	41425896	8.45	1539	0.227	0.092	0.072	0.117	210.467206	0.422301	-800.84	-1495.79
6	GUIDE	41427160	9.33	1537	0.253	0.191	0.104	0.173	210.515013	0.233883	-1384.18	-1885.64
7	GUIDE	41427224	8.80	1537	-0.091	0.101	0.068	0.106	210.354752	1.002502	1032.70	-421.60

2.4 Star Slots

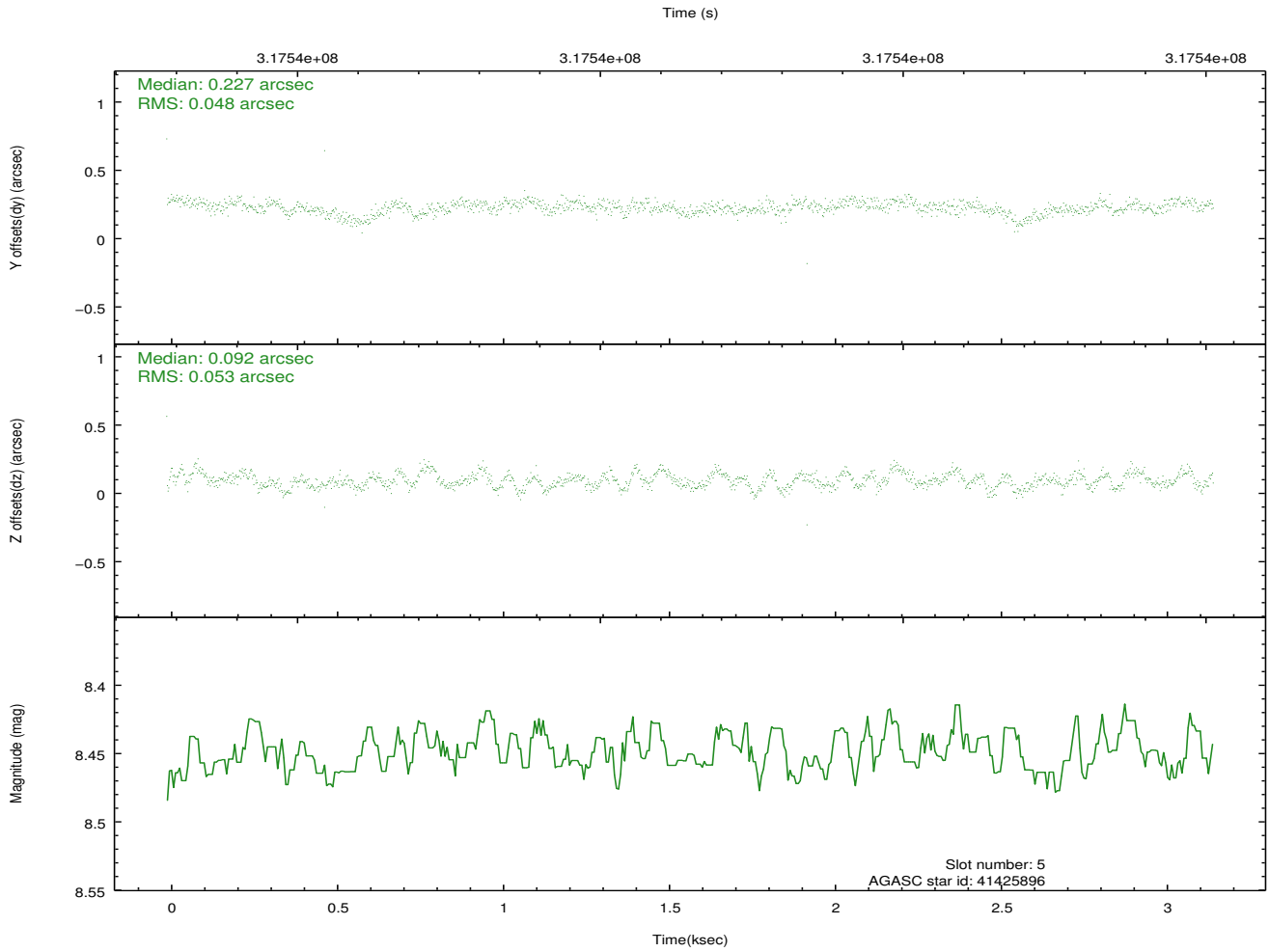
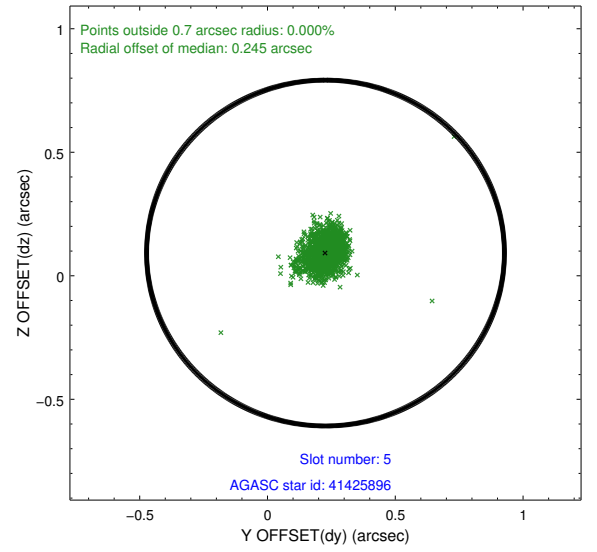
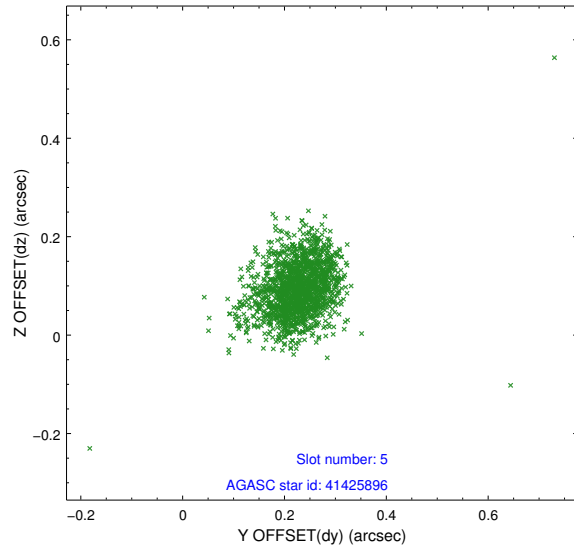
2.4.1 Slot 3



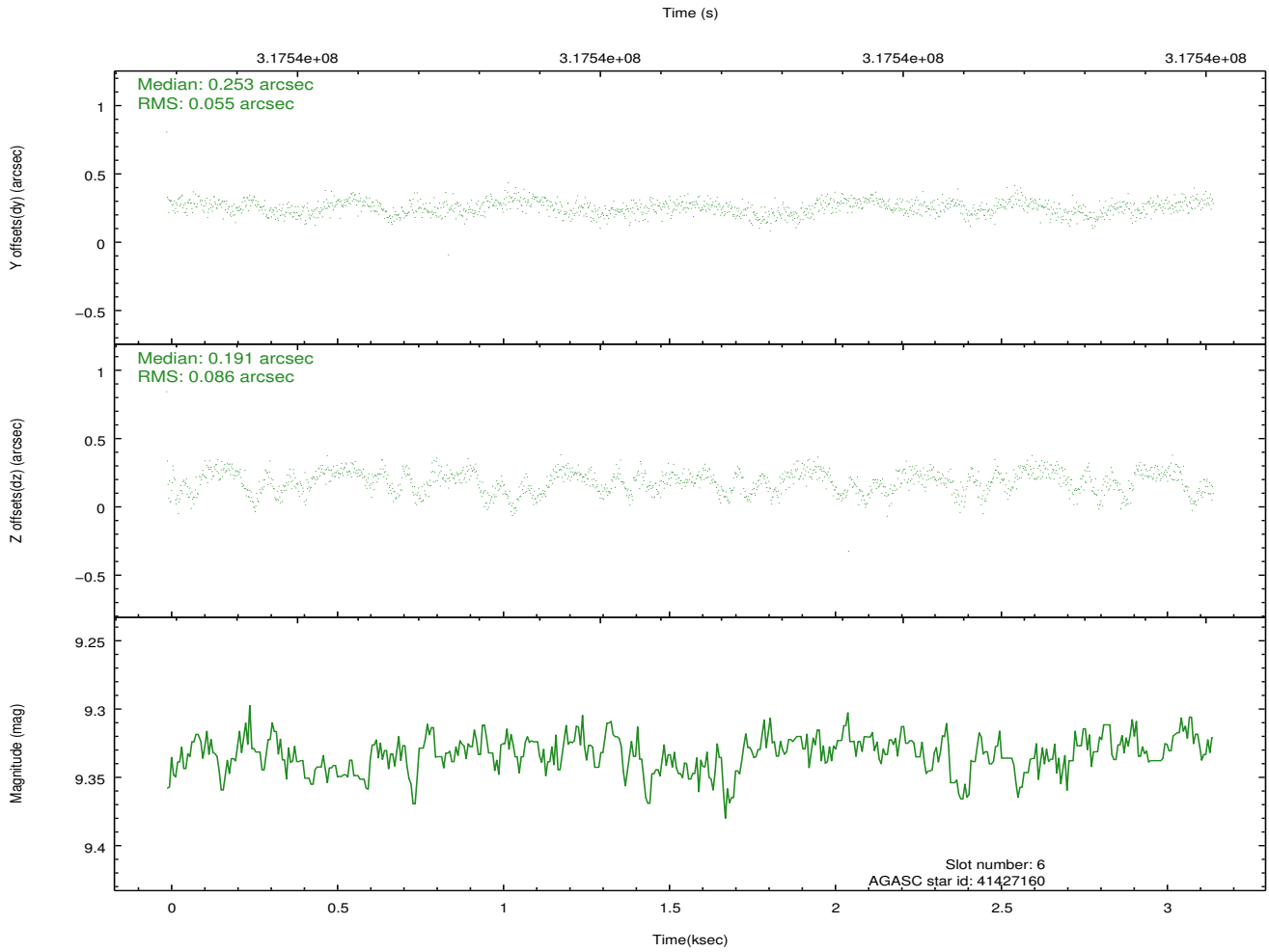
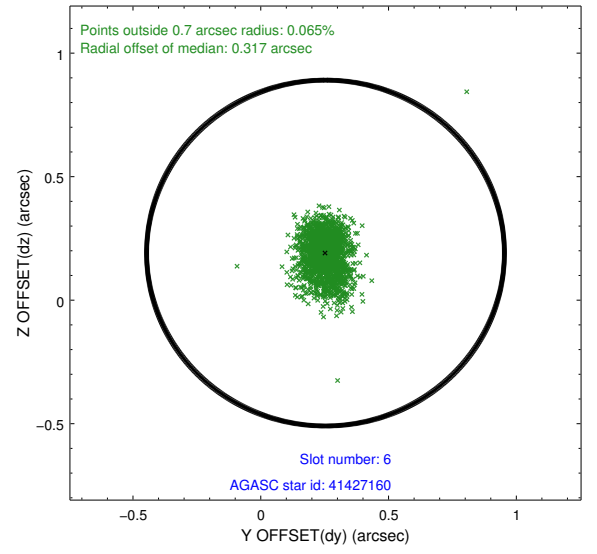
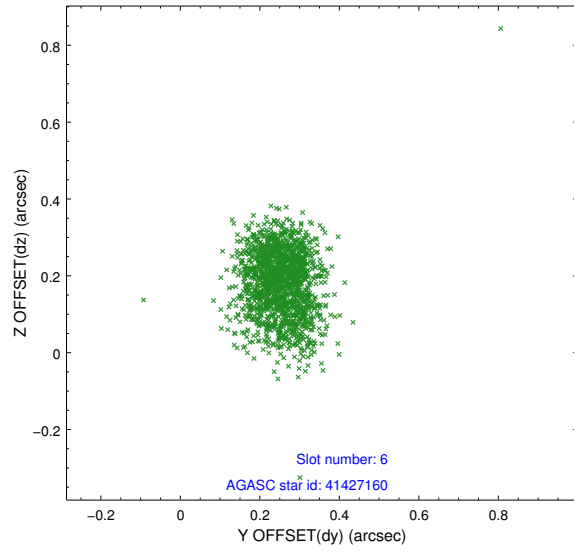
2.4.2 Slot 4



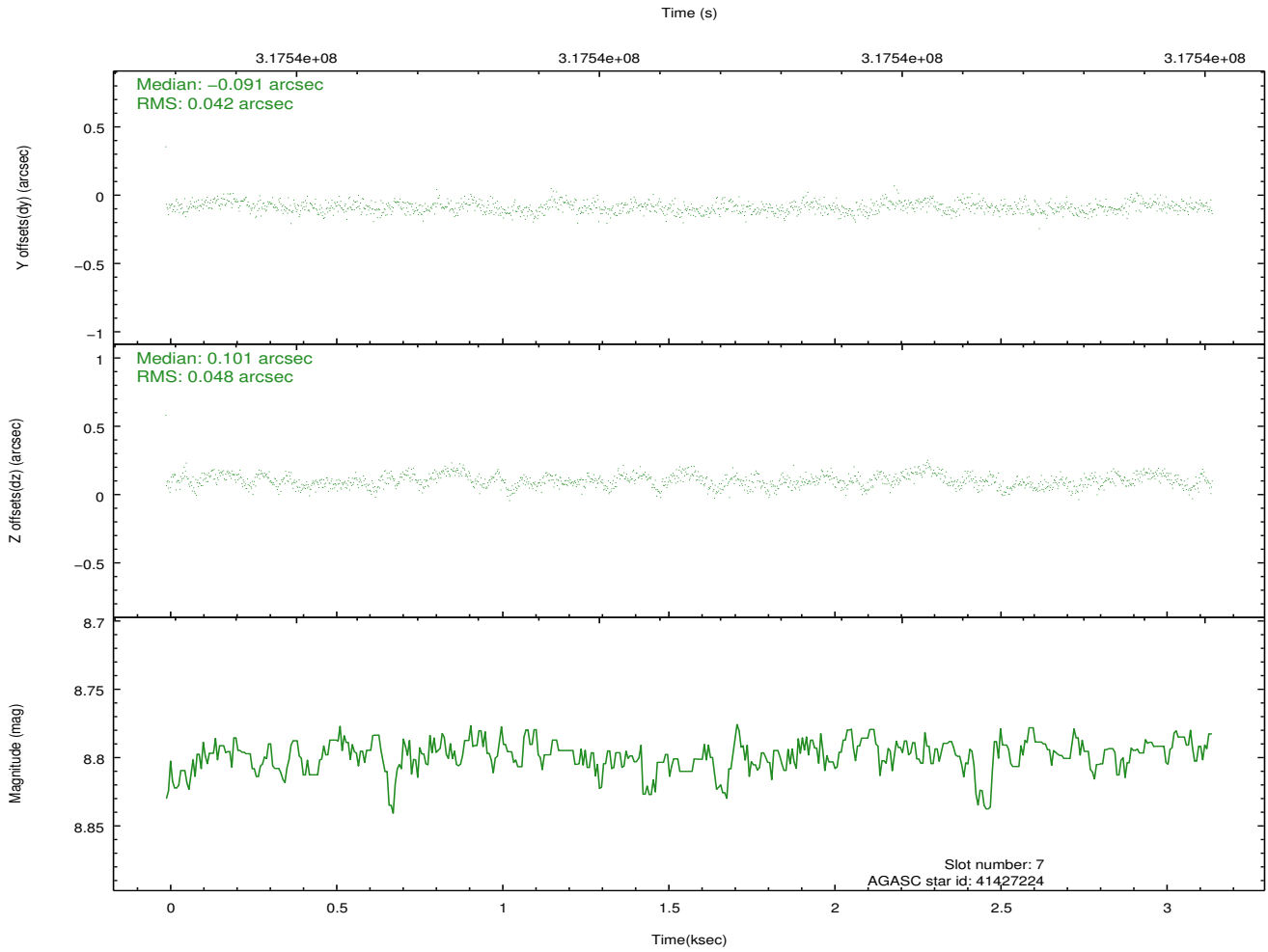
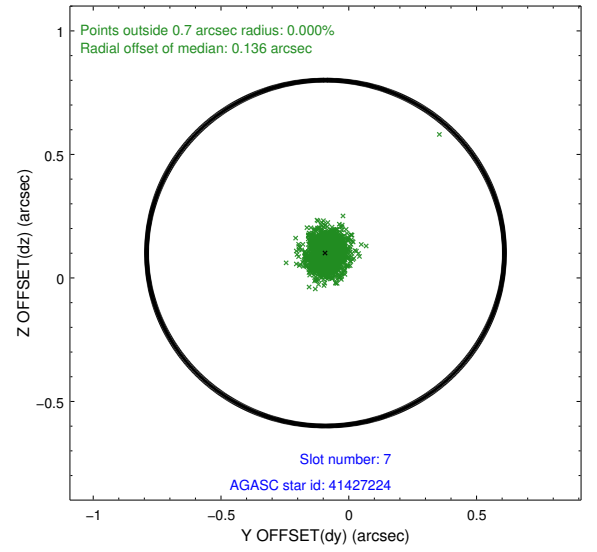
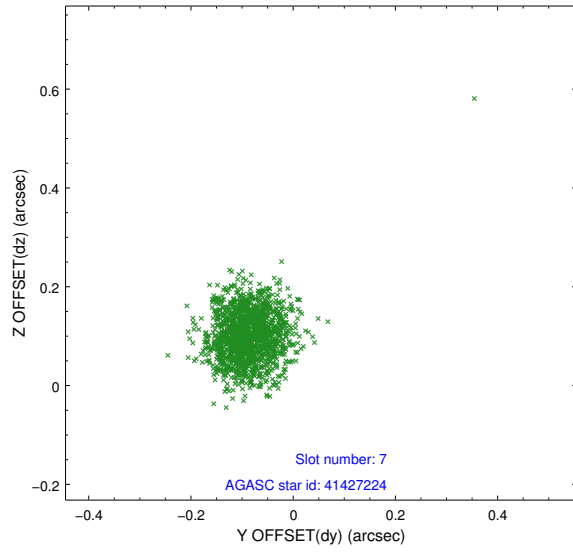
2.4.3 Slot 5



2.4.4 Slot 6

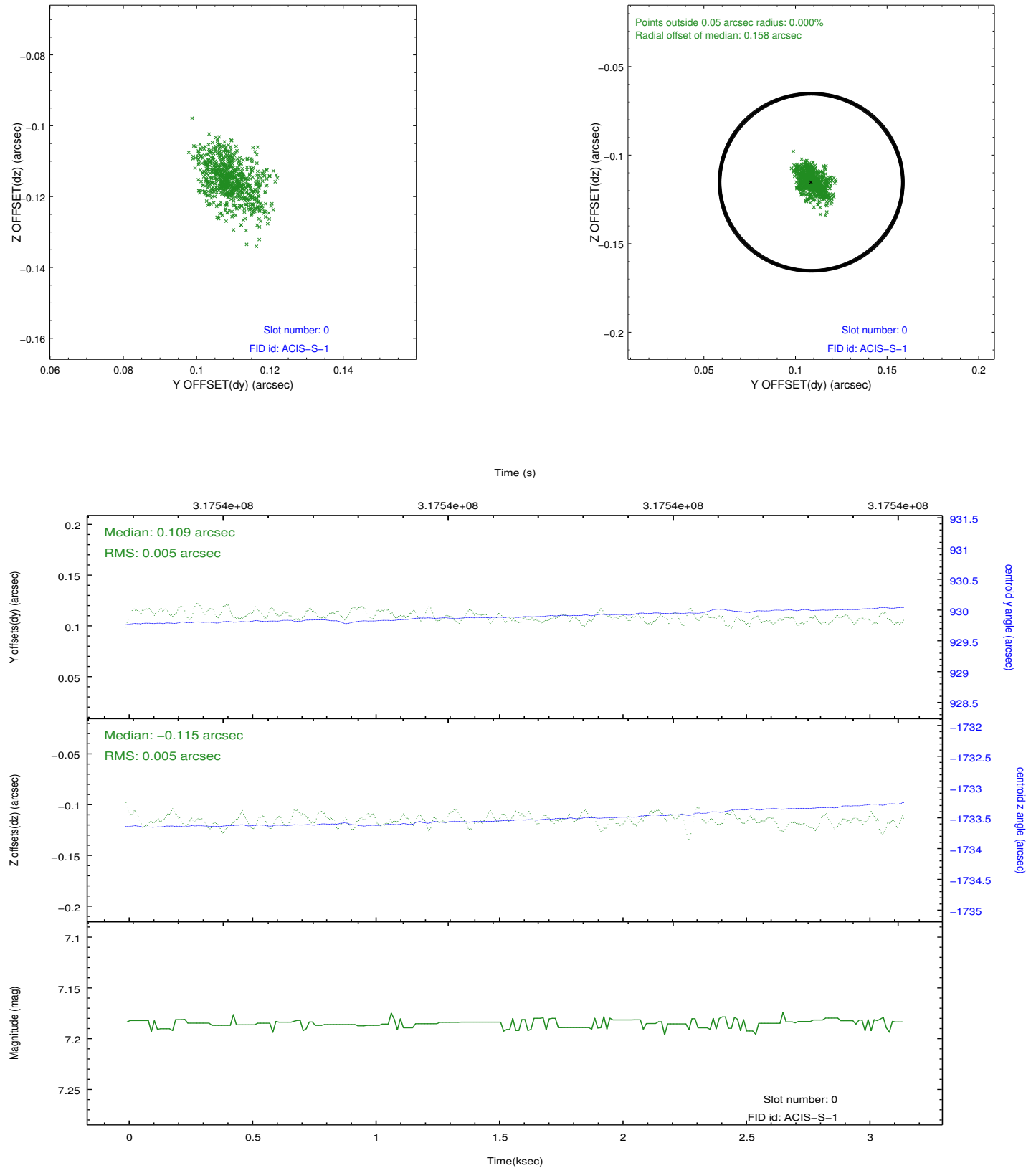


2.4.5 Slot 7

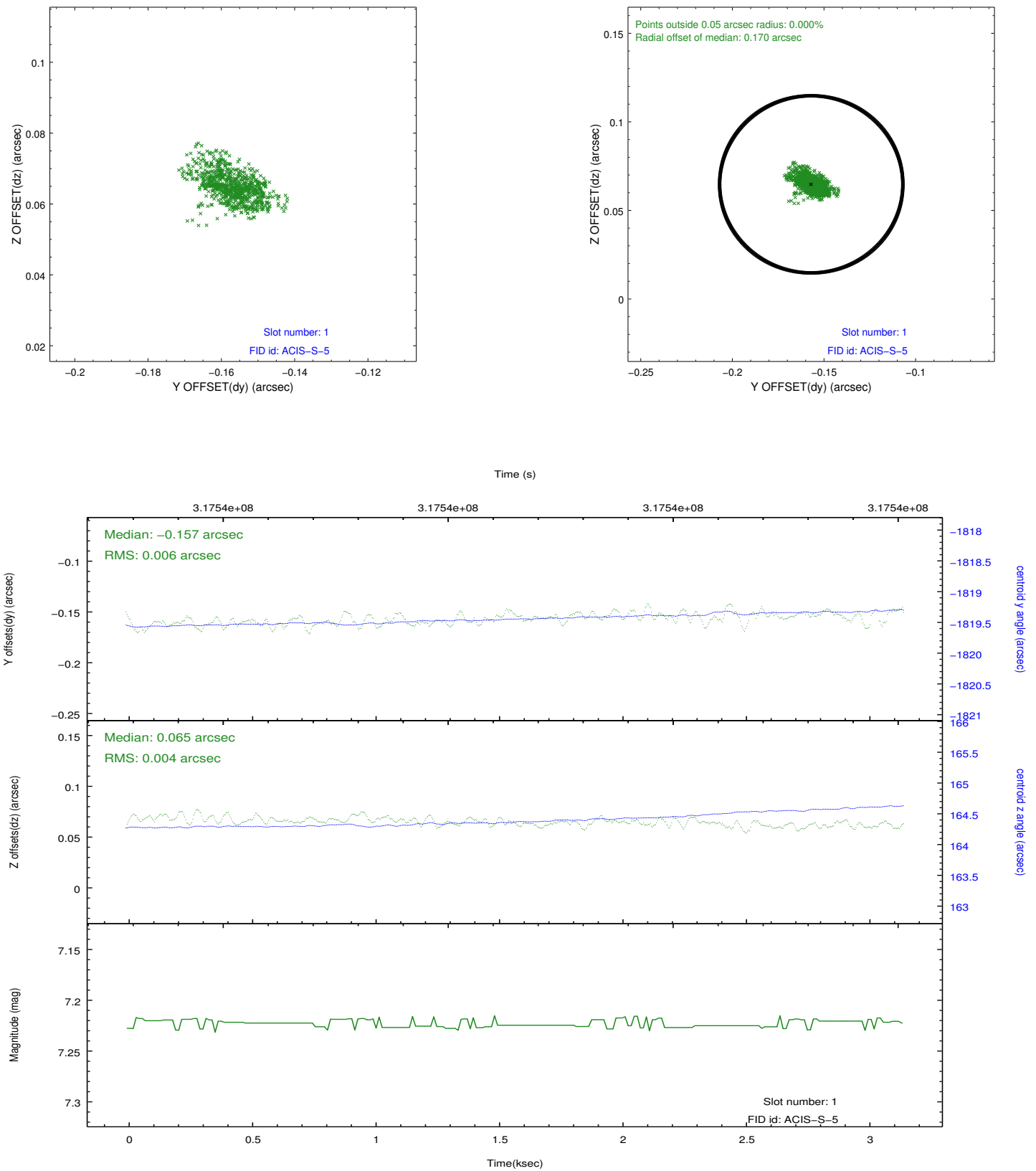


2.5 FID Slots

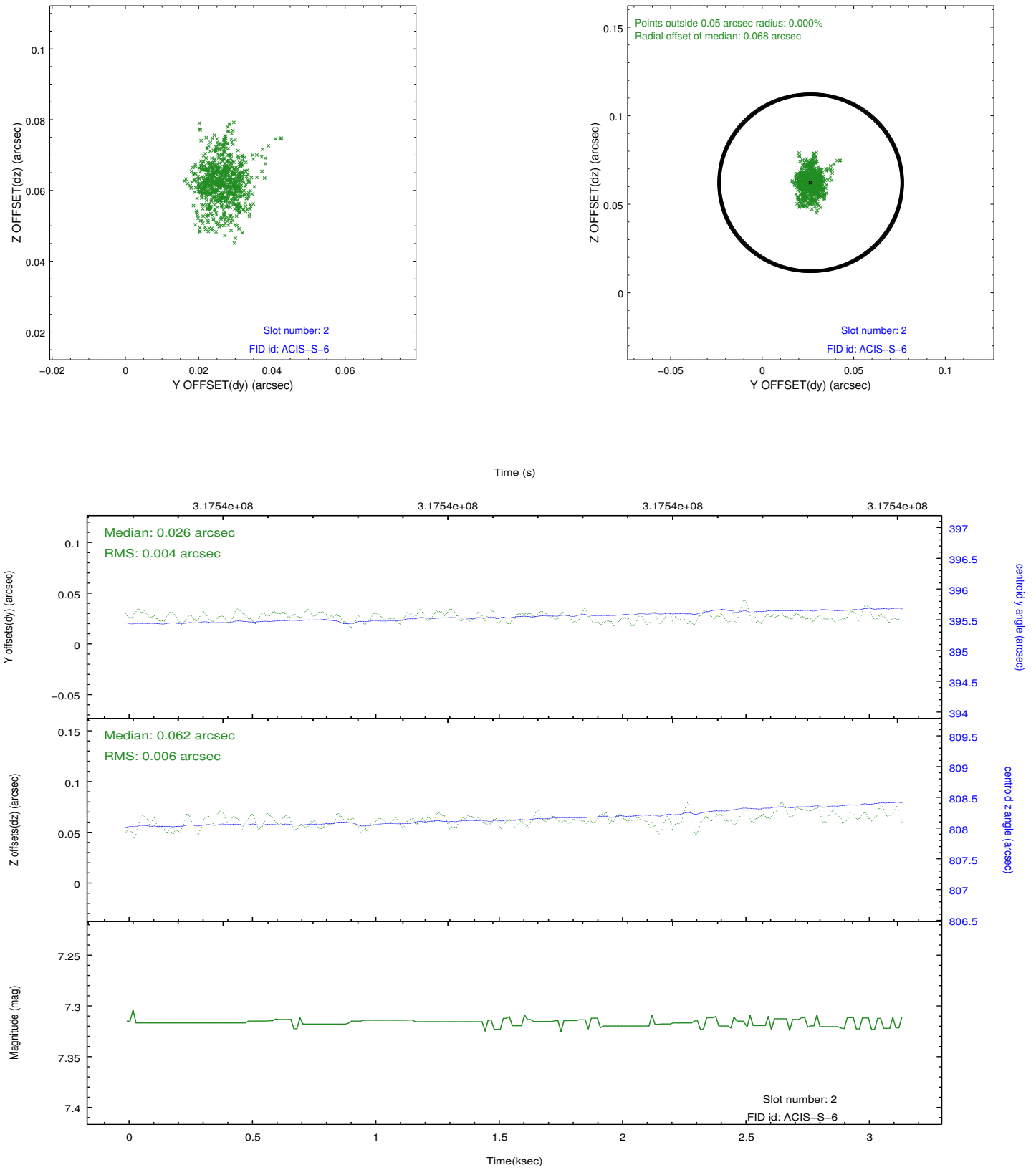
2.5.1 Slot 0



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)	2012.05.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.14839997

A.2 Comments

Joint proposal: HST+Spitzer