

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9185 - L2 Version 2
Chandra X-Ray Center

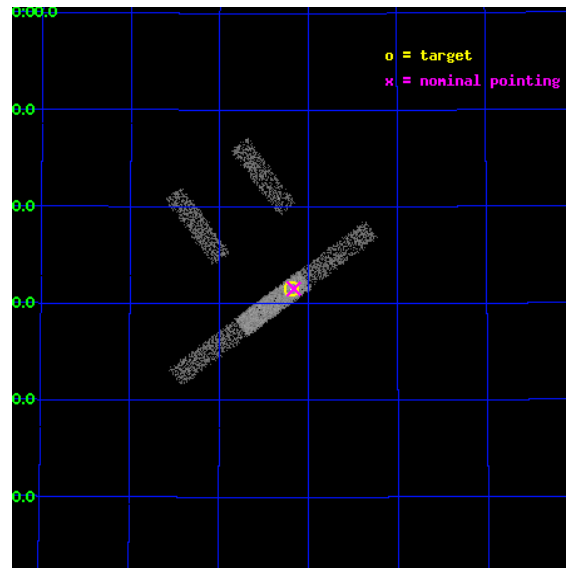
L2 Processing Date : May 12 2012

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1 Front

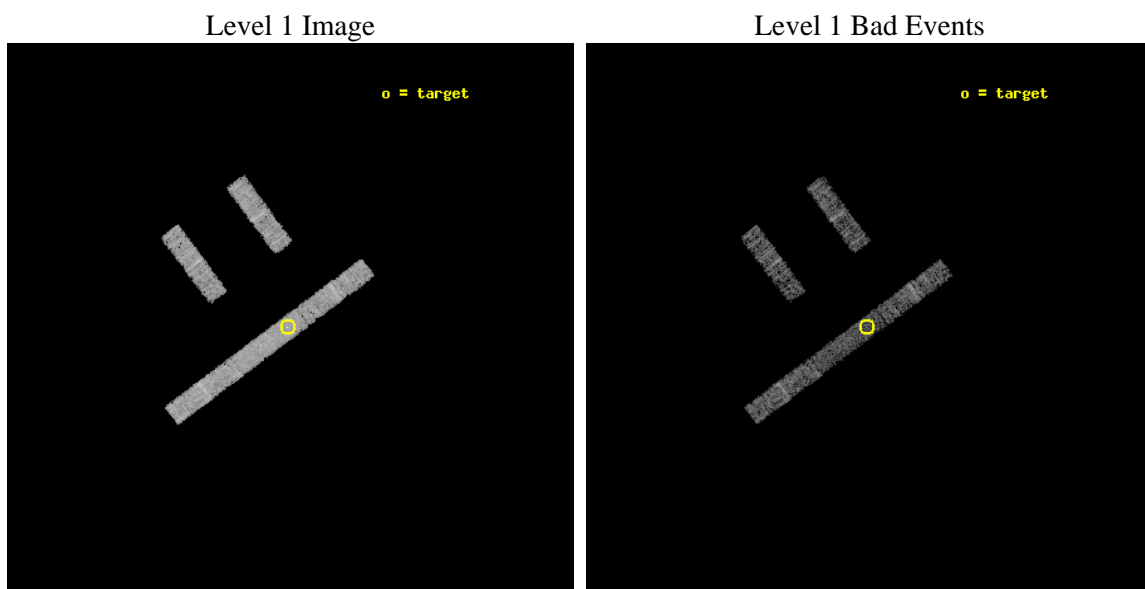
seq_num	701627	Sequence number
obs_id	9185	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S02	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	242.79875	Observer's specified target RA [deg]
dec_targ	51.525306	Observer's specified target Dec [deg]
ra_nom	242.79069657098	Nominal RA [deg]
dec_nom	51.525661701106	Nominal Dec [deg]
roll_nom	143.18661051775	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3189.0	Sum of GTIs [s]
livetime	3063.2828709752	Livetime [s]
ontime2	3189.0	Sum of GTIs [s]
ontime3	3189.0	Sum of GTIs [s]
ontime6	3189.0	Sum of GTIs [s]
ontime7	3189.0	Sum of GTIs [s]
ontime8	3189.0	Sum of GTIs [s]
l2events	8821	Number of level 2 events



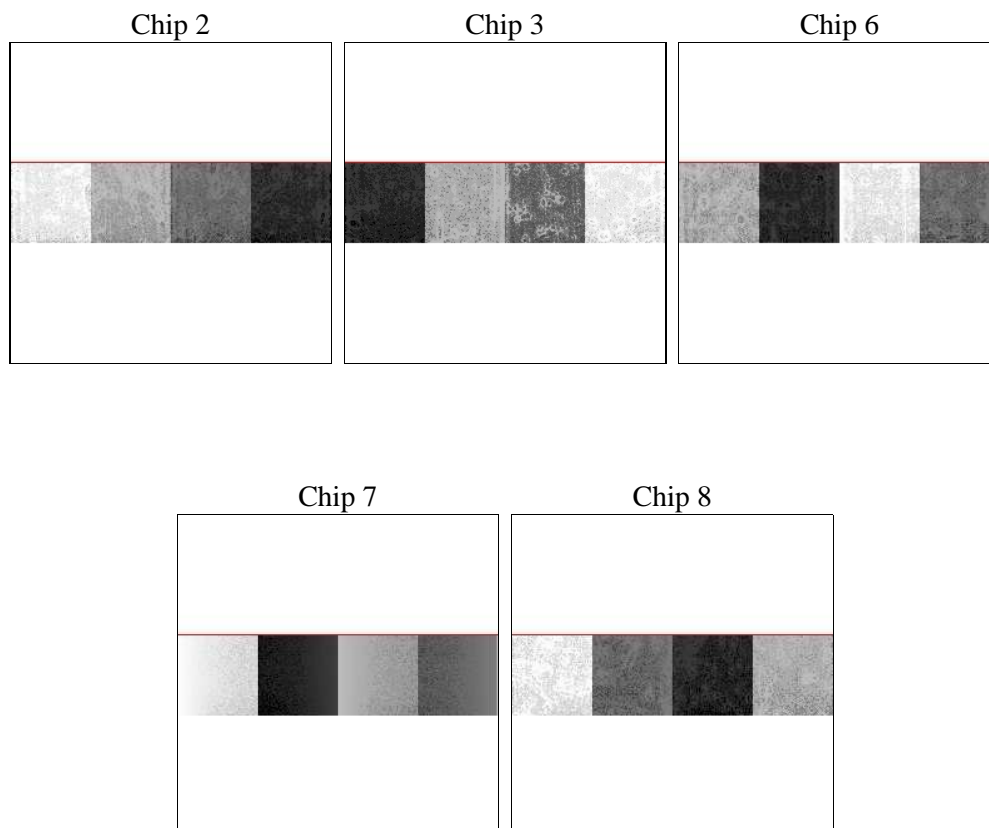
2 OBI

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	3189.0	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3189.0	Sum of GTIs [s]
date	2012-05-13T01:04:42	Date and time of file creation	ontime3	3189.0	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3189.0	Sum of GTIs [s]
			ontime7	3189.0	Sum of GTIs [s]
			ontime8	3189.0	Sum of GTIs [s]
			l1events	60466	Number of level 1 events

2.1.4 Events

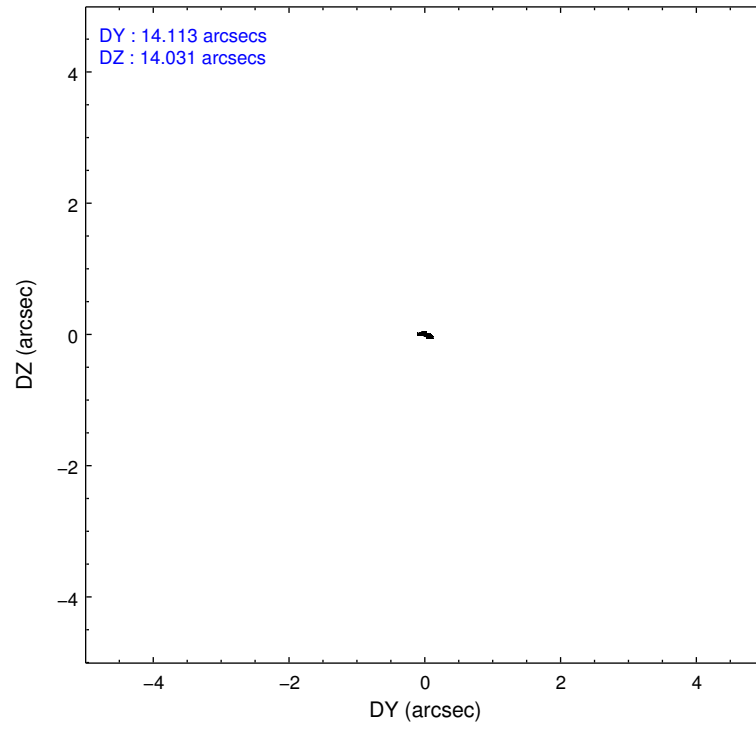
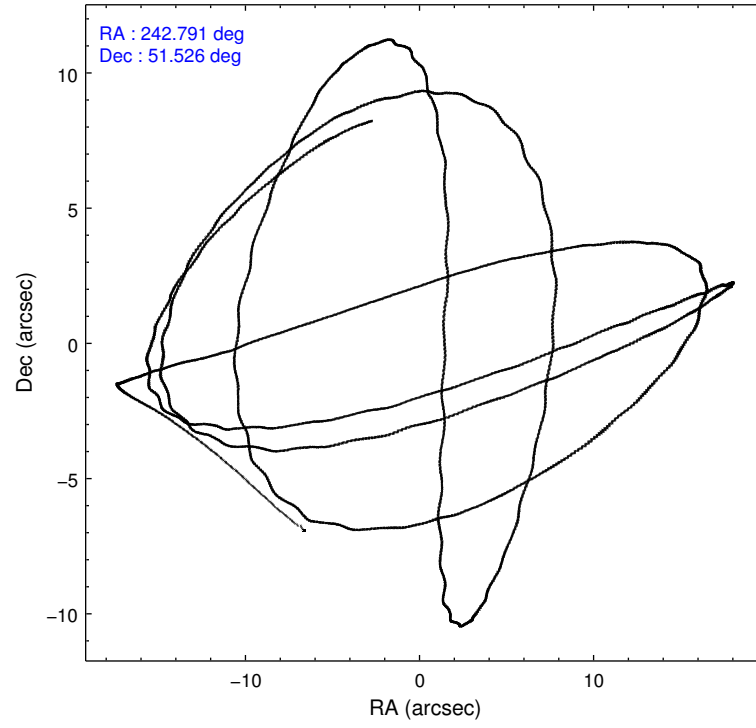
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	10666	10816	11101	13694	14189
rejected events	9617	9727	9997	8433	11683
rejected %	90%	89%	90%	61%	82%

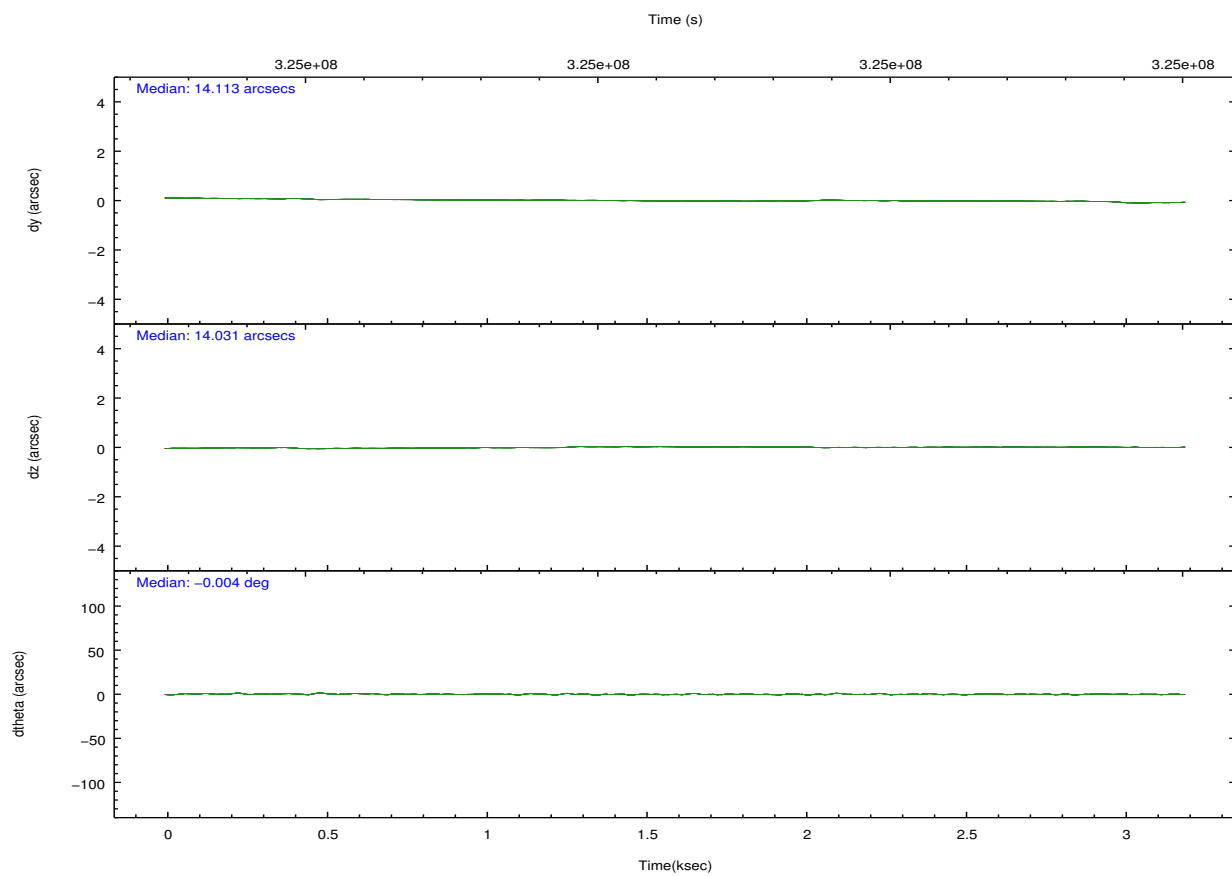
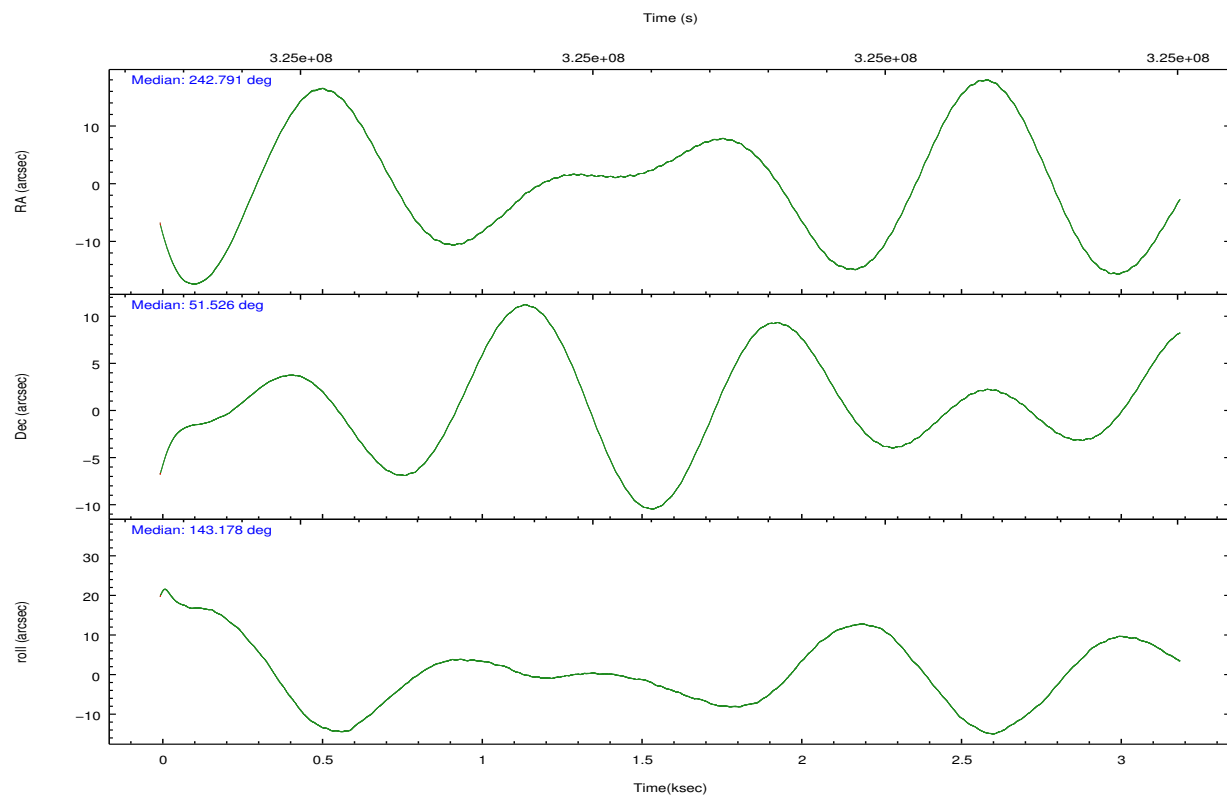
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	465	483	458	637	901
	4%	4%	4%	4%	6%
grade 1 events	4	7	5	21	4
	0%	0%	0%	0%	0%
grade 2 events	234	209	236	1227	621
	2%	1%	2%	8%	4%
grade 3 events	165	176	155	623	291
	1%	1%	1%	4%	2%
grade 4 events	179	164	189	610	288
	1%	1%	1%	4%	2%
grade 5 events	360	436	487	1269	531
	3%	4%	4%	9%	3%
grade 6 events	182	235	258	3017	815
	1%	2%	2%	22%	5%
grade 7 events	9077	9106	9313	6290	10738
	85%	84%	83%	45%	75%

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	242.834691	242.7906965709772	CCD I2 on	O1	Y
[deg] Pointing Dec	51.522855	51.52566170110647	CCD I3 on	Y	Y
[deg] Pointing Roll	142.995501	143.1866105177502	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	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	Y	Y
[s] Observation start time (MET)	324999863.184000	324998847.77513	CCD S5 on	N	N
Observation start date	2008-04-19T13:43:18	2008-04-19T13:27:27	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	325002863.184000	325003496.66285	On-chip summing requested	N	N
Observation end date	2008-04-19T14:33:18	2008-04-19T14:44:56	Subarray requested	CUSTOM	1/4
Read mode	TIMED	TIMED	Subarray start row	385	385
			Subarray row count	256	256
			Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	1

2.3 Aspect



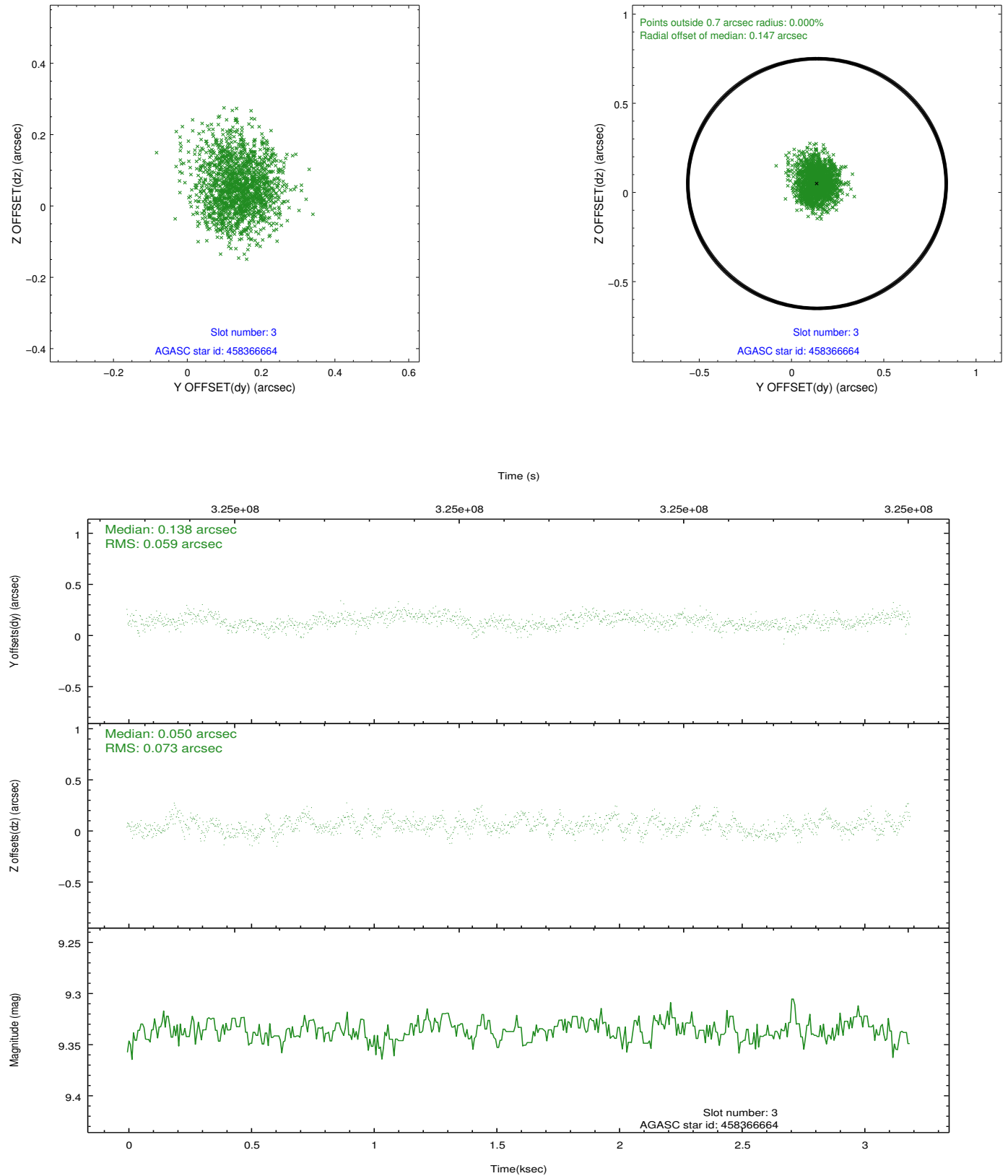


Slot Statistics

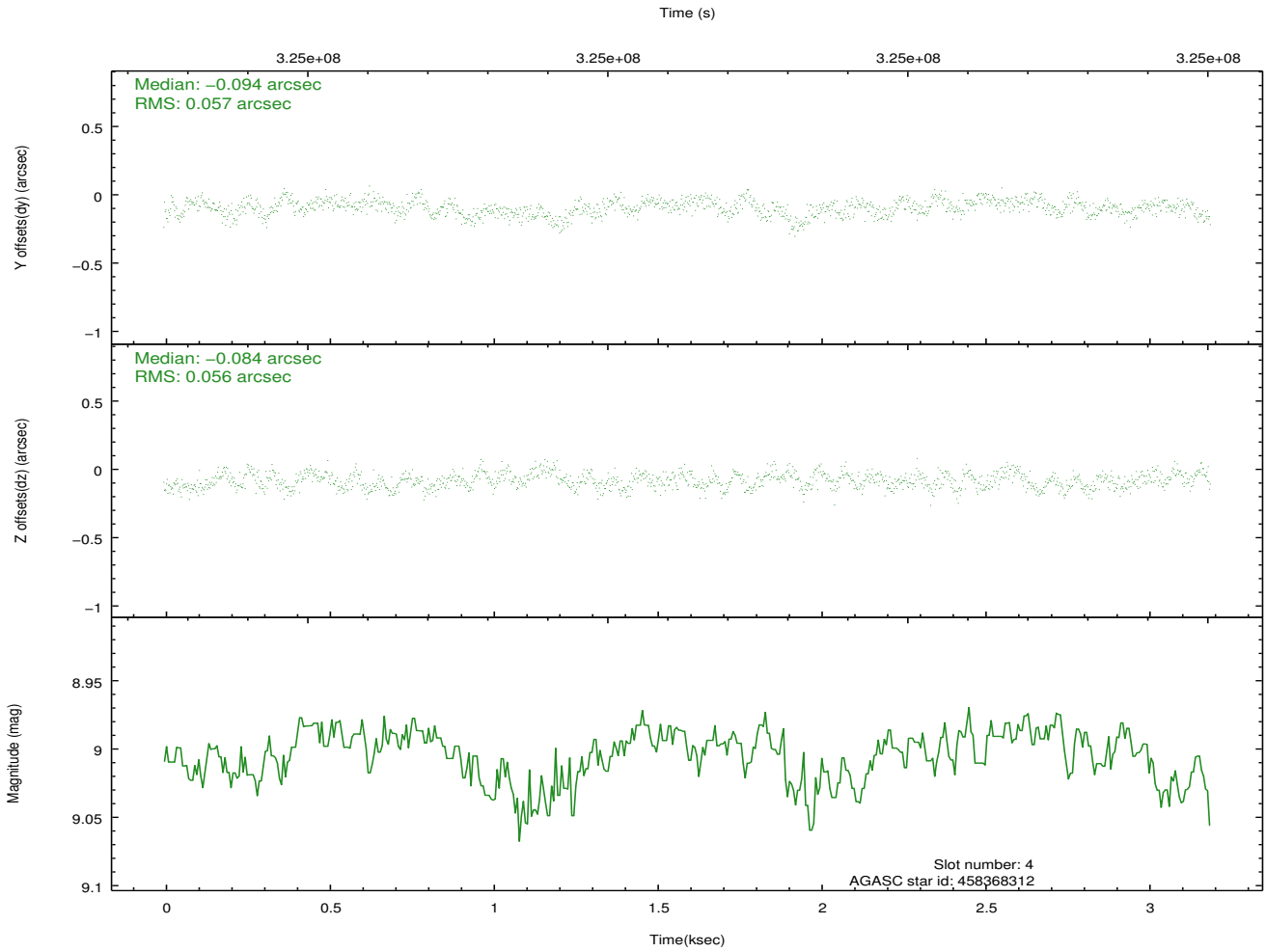
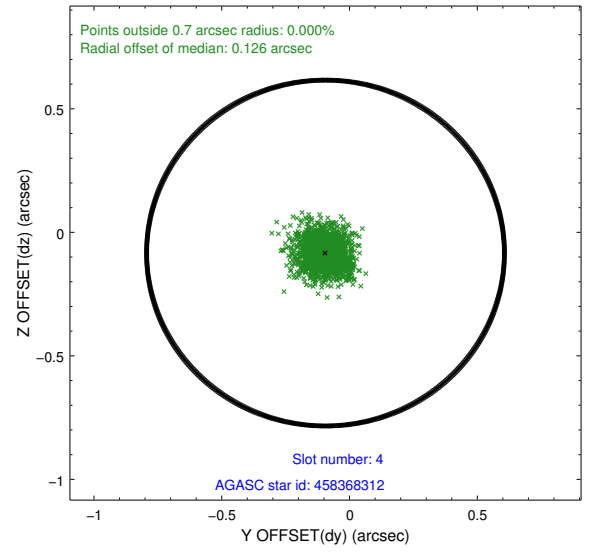
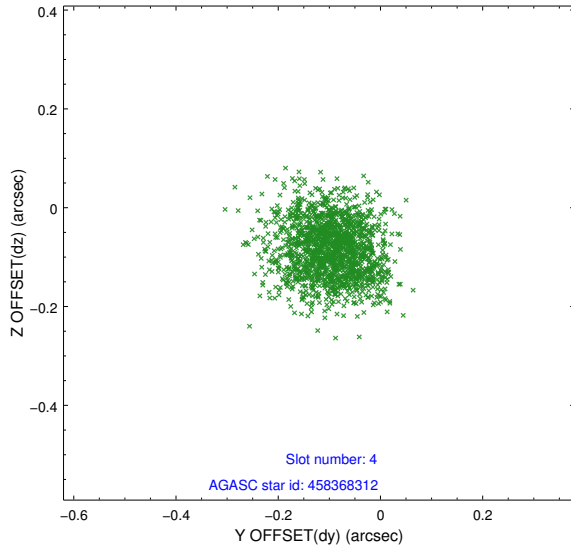
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	779	-0.059	-0.031	0.006	0.011	0.000000	0.000000	-767.12	-1735.41
1	FID	ACIS-S-4	7.00	779	0.165	0.037	0.005	0.011	0.000000	0.000000	2145.46	171.07
2	FID	ACIS-S-5	7.02	779	-0.136	0.003	0.006	0.010	0.000000	0.000000	-1817.49	166.98
3	GUIDE	458366664	9.34	1554	0.138	0.050	0.100	0.161	243.148630	51.763569	-35.58	-1114.47
4	GUIDE	458368312	9.00	1557	-0.094	-0.084	0.084	0.139	242.130676	51.150583	466.96	2019.78
5	GUIDE	458368632	8.90	1553	-0.038	0.059	0.098	0.153	242.689212	52.137071	1587.85	-1571.58
6	GUIDE	458371224	9.16	1552	-0.060	-0.101	0.112	0.172	242.144187	51.636776	1484.65	594.30
7	GUIDE	458372368	9.75	1551	0.051	0.081	0.135	0.234	242.799202	50.827762	-1440.36	2046.59

2.4 Star Slots

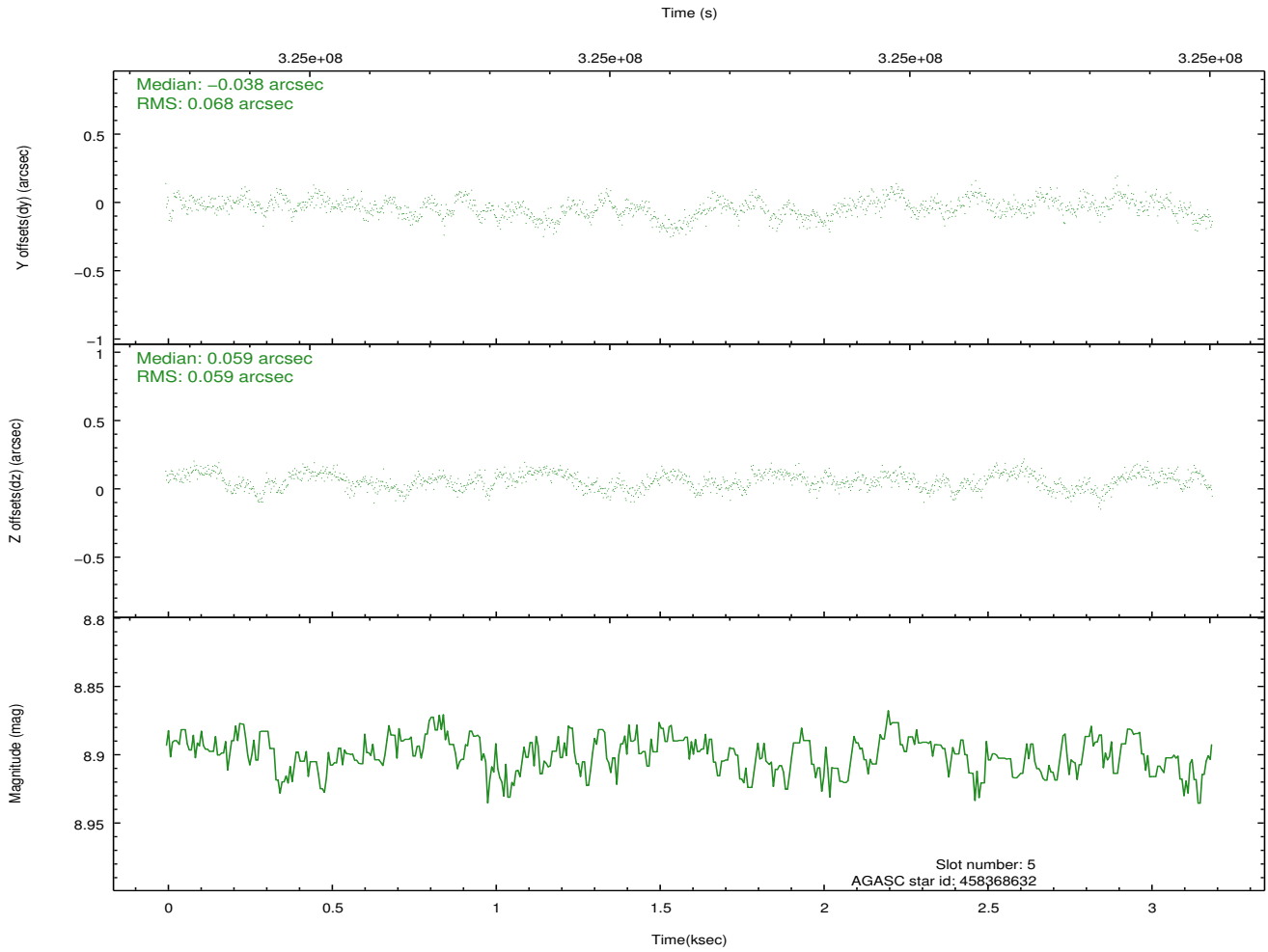
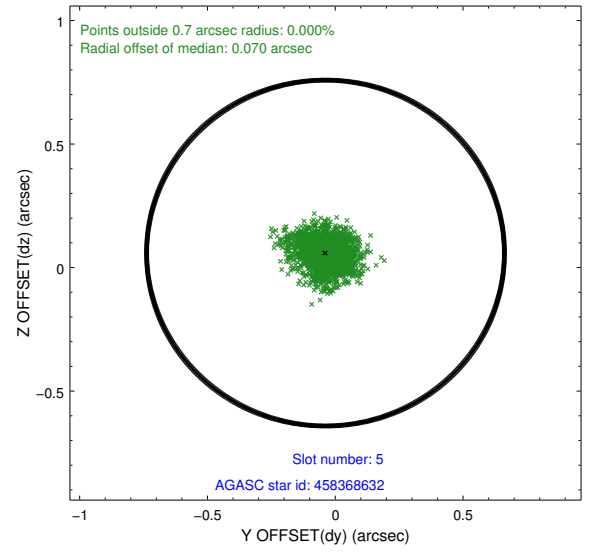
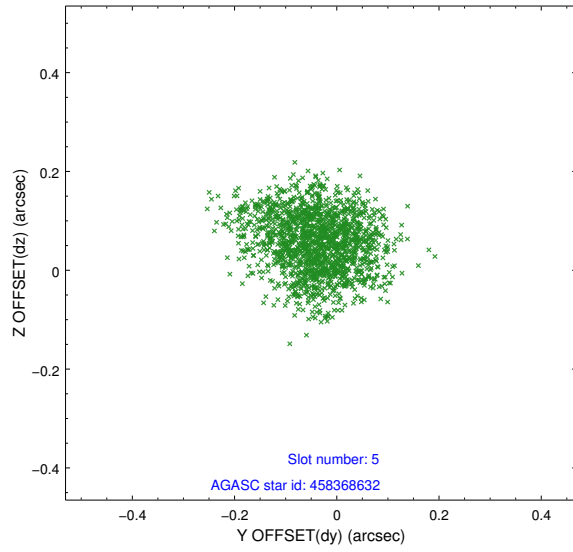
2.4.1 Slot 3



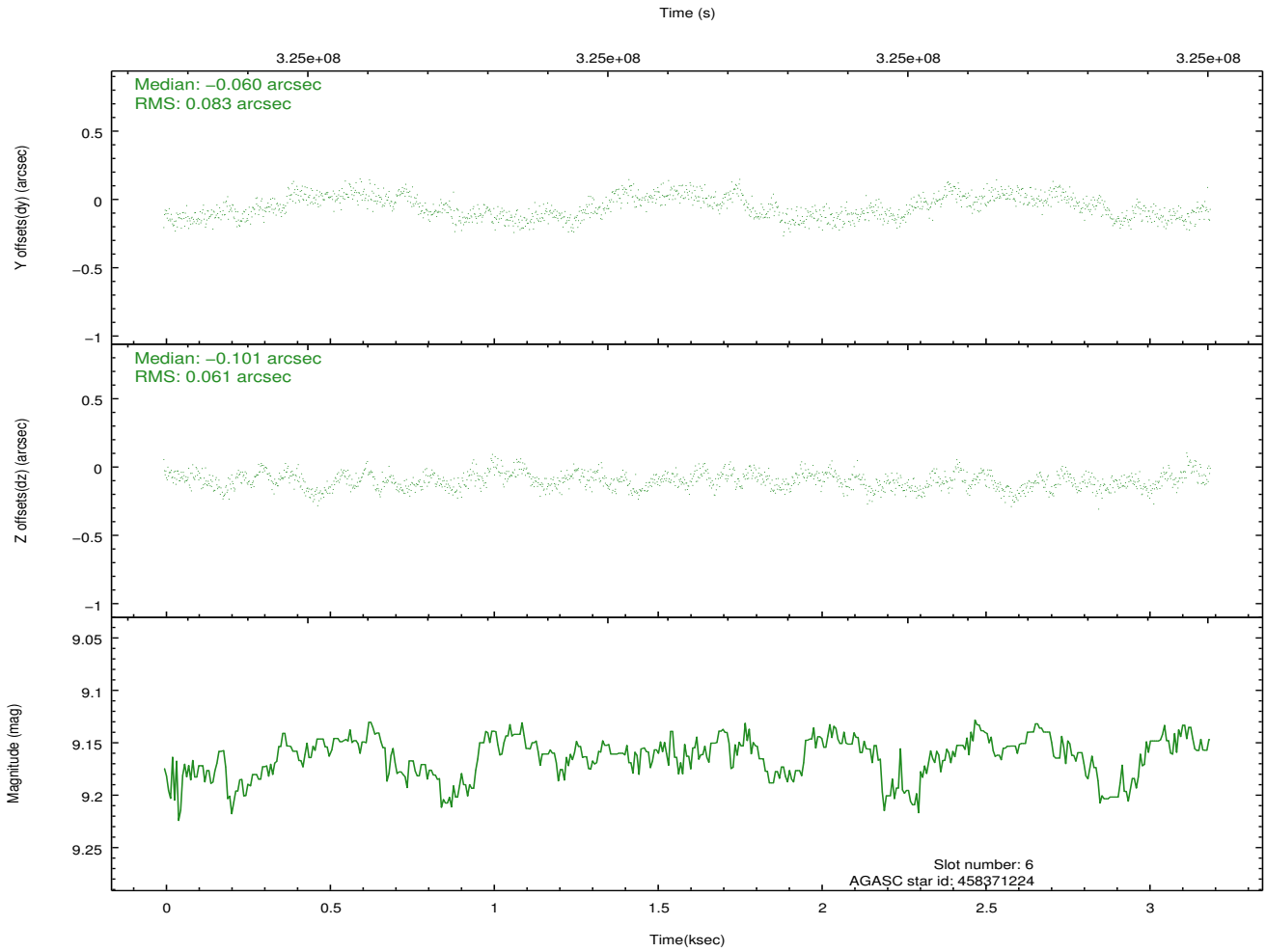
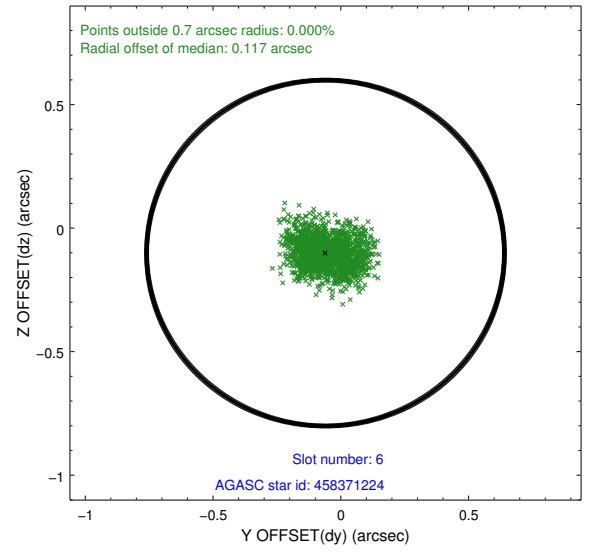
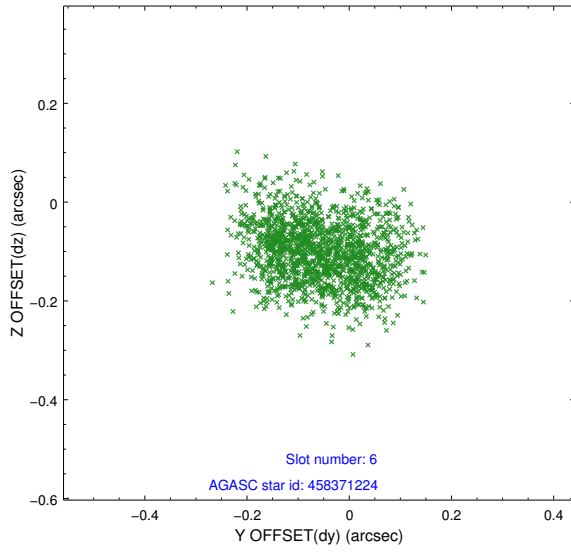
2.4.2 Slot 4



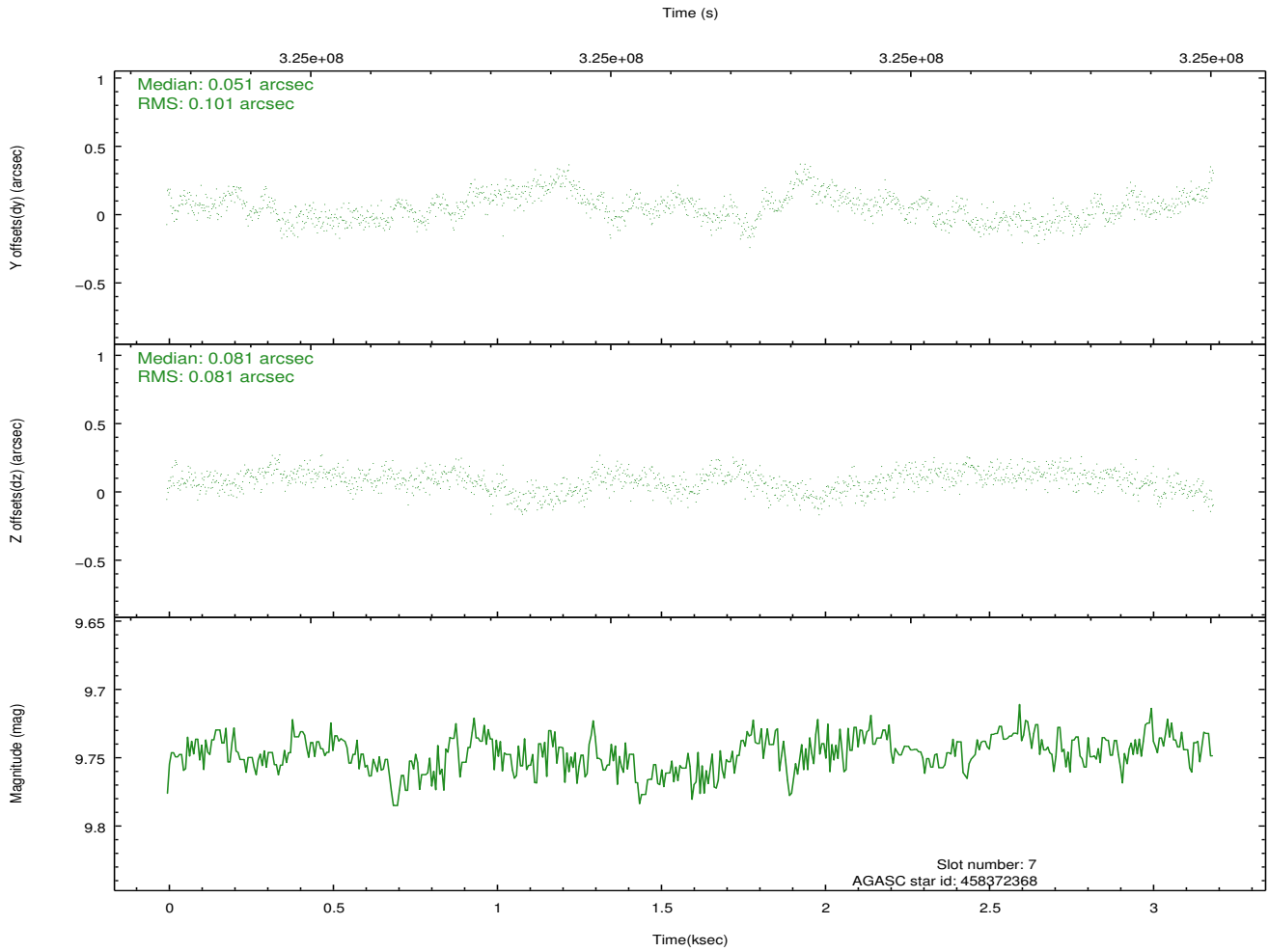
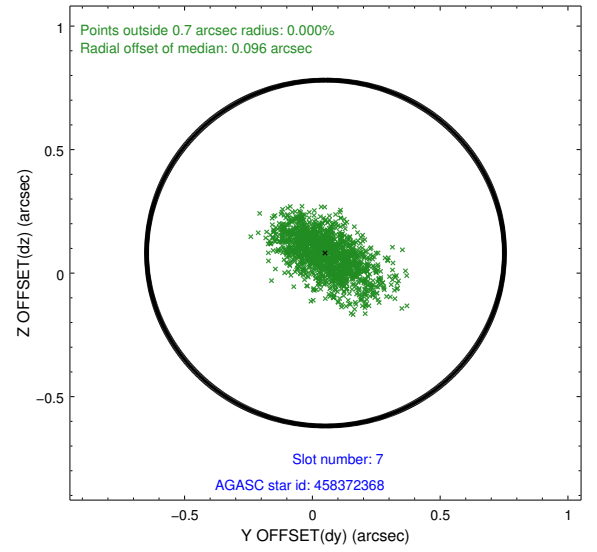
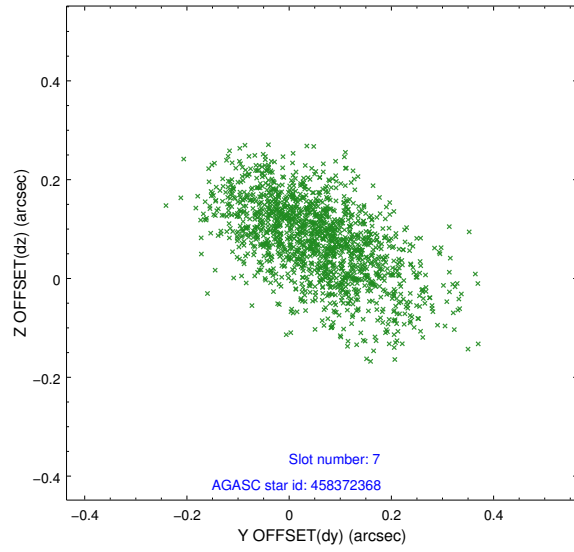
2.4.3 Slot 5



2.4.4 Slot 6

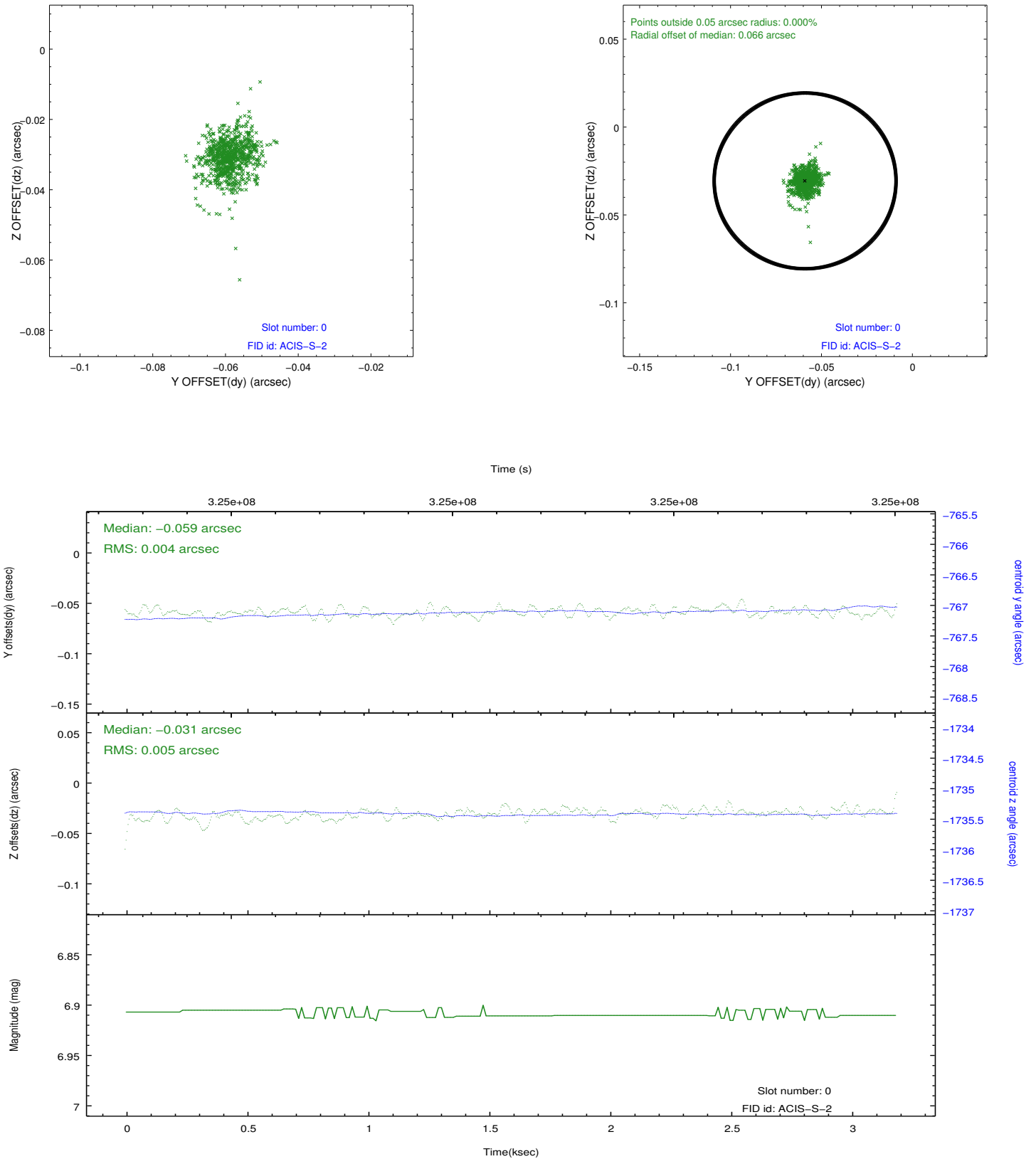


2.4.5 Slot 7

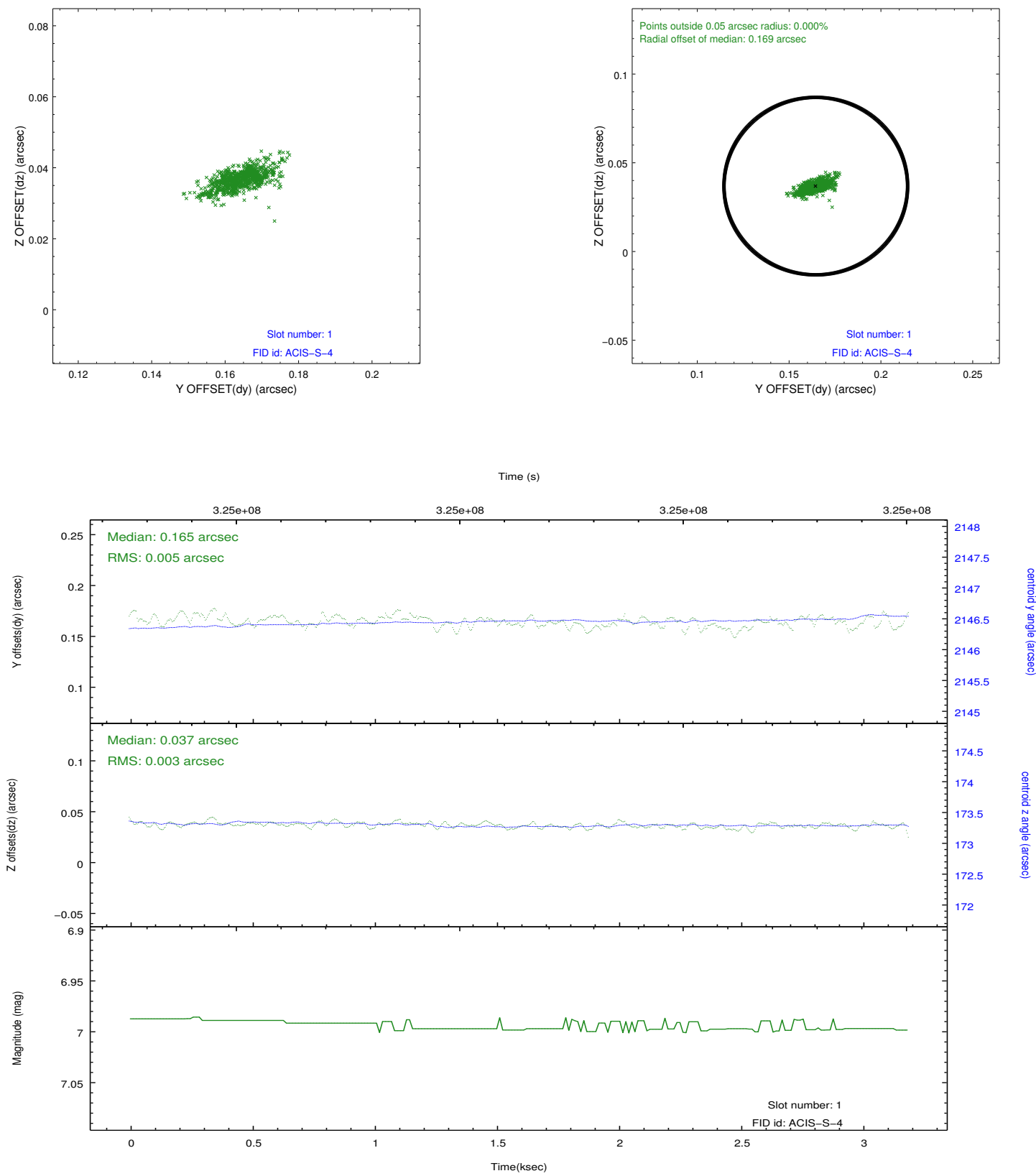


2.5 FID Slots

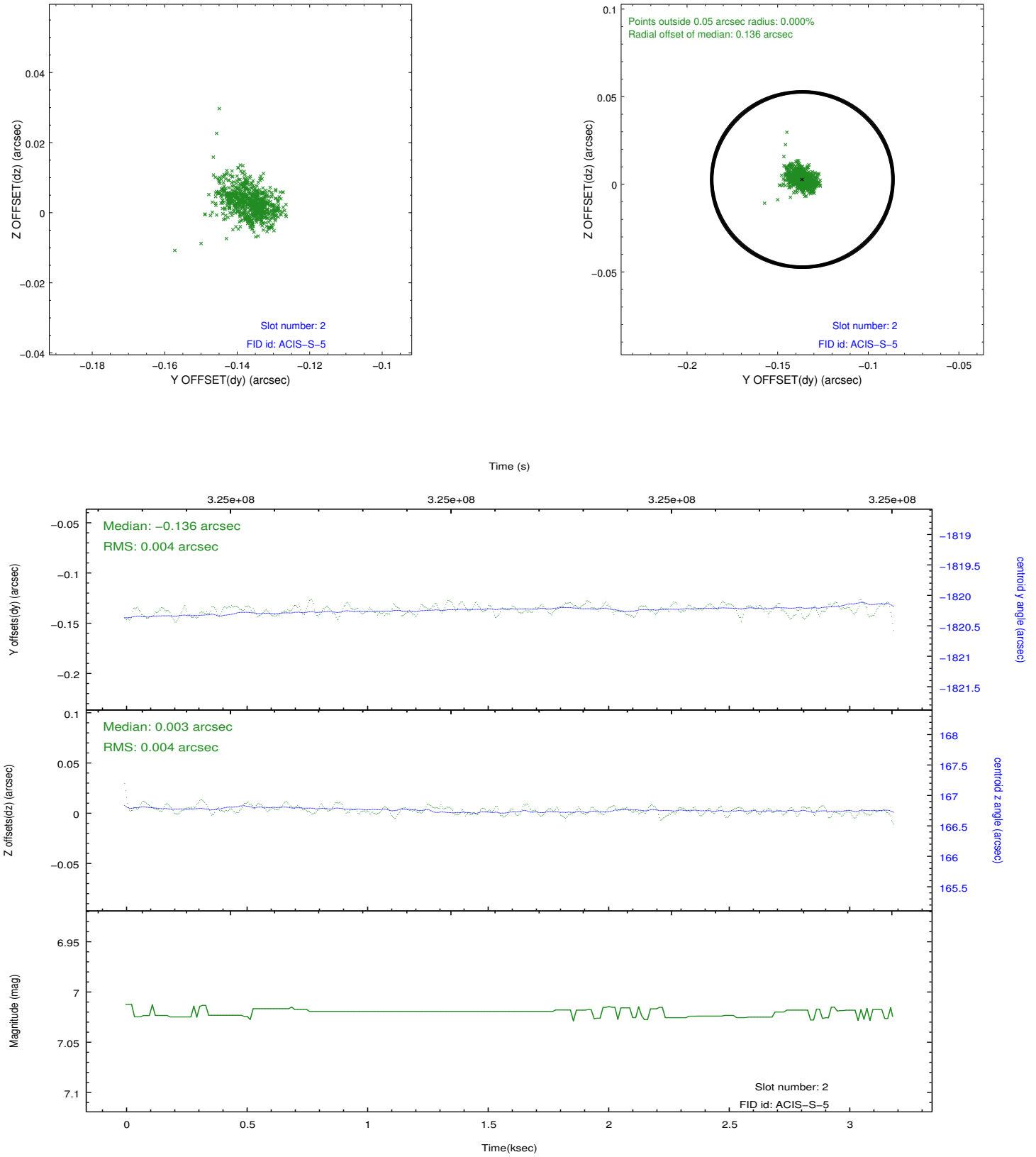
2.5.1 Slot 0



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)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.189

A.2 Comments

Coordinated with HST and Spitzer.