

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9196 - L2 Version 2
Chandra X-Ray Center

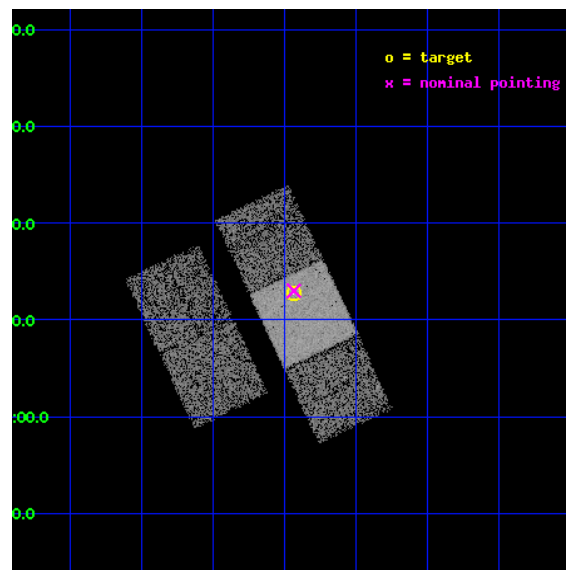
L2 Processing Date : May 8 2012

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1 Front

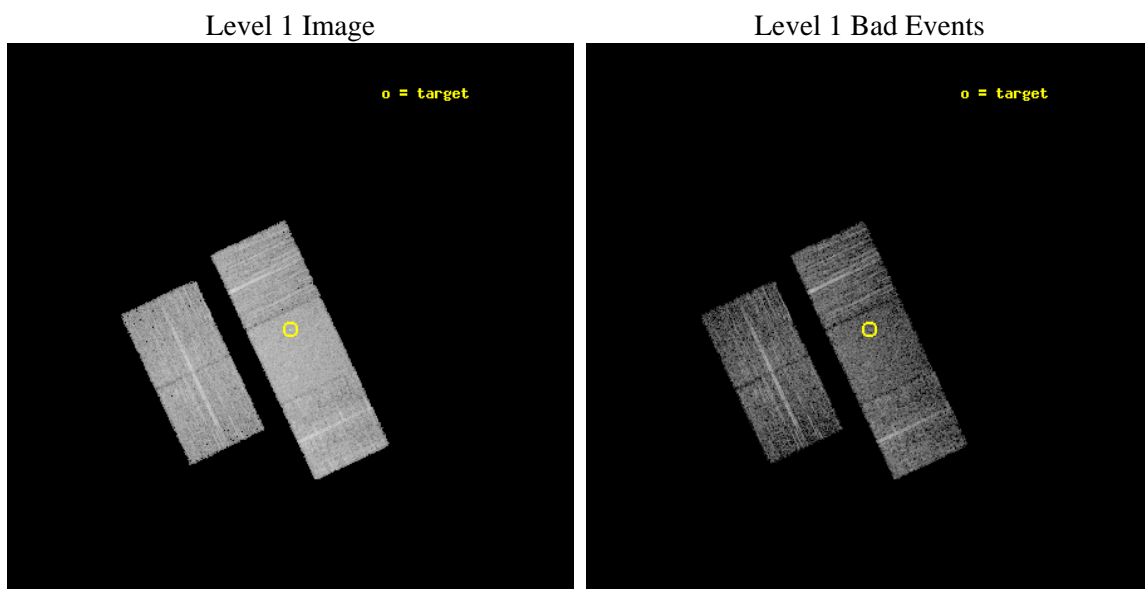
seq_num	701638	Sequence number
obs_id	9196	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S21	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.484167	Observer's specified target RA [deg]
dec_targ	3.212	Observer's specified target Dec [deg]
ra_nom	166.4835323217	Nominal RA [deg]
dec_nom	3.2168417886829	Nominal Dec [deg]
roll_nom	64.752658217476	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4144.7000318766	Sum of GTIs [s]
livetime	4090.5464746763	Livetime [s]
ontime2	4144.7000318766	Sum of GTIs [s]
ontime3	4144.7000318766	Sum of GTIs [s]
ontime6	4144.7000318766	Sum of GTIs [s]
ontime7	4144.7000318766	Sum of GTIs [s]
ontime8	4144.7000318766	Sum of GTIs [s]
l2events	44532	Number of level 2 events



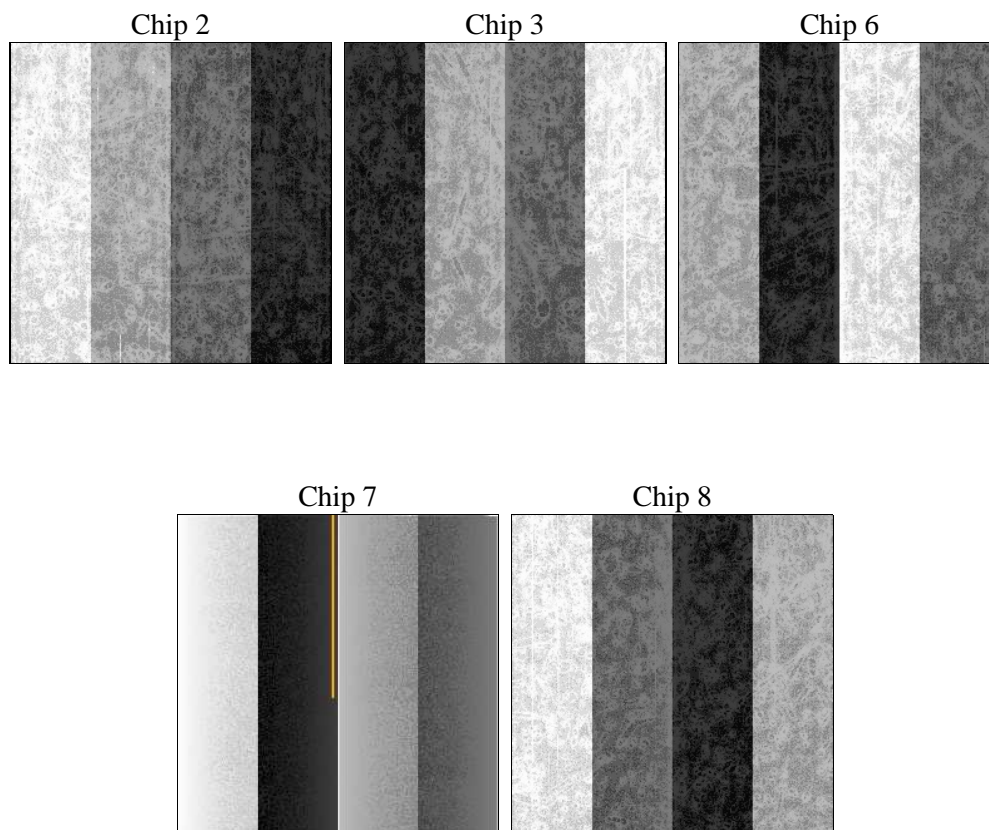
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.014000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	4144.7000318766	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	4144.7000318766	Sum of GTIs [s]
date	2012-05-08T14:37:28	Date and time of file creation	ontime3	4144.7000318766	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4144.7000318766	Sum of GTIs [s]
			ontime7	4144.7000318766	Sum of GTIs [s]
			ontime8	4144.7000318766	Sum of GTIs [s]
			l1events	248121	Number of level 1 events

2.1.4 Events

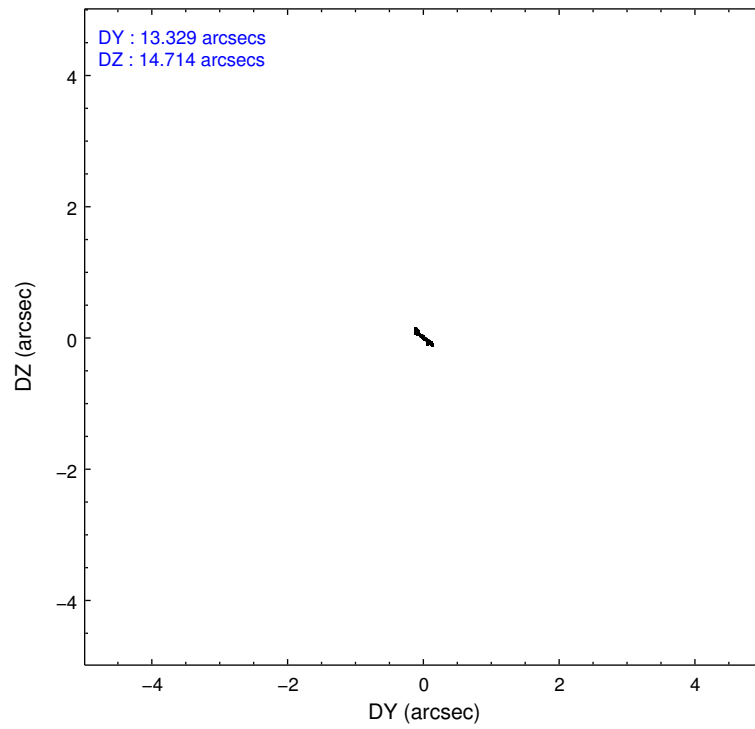
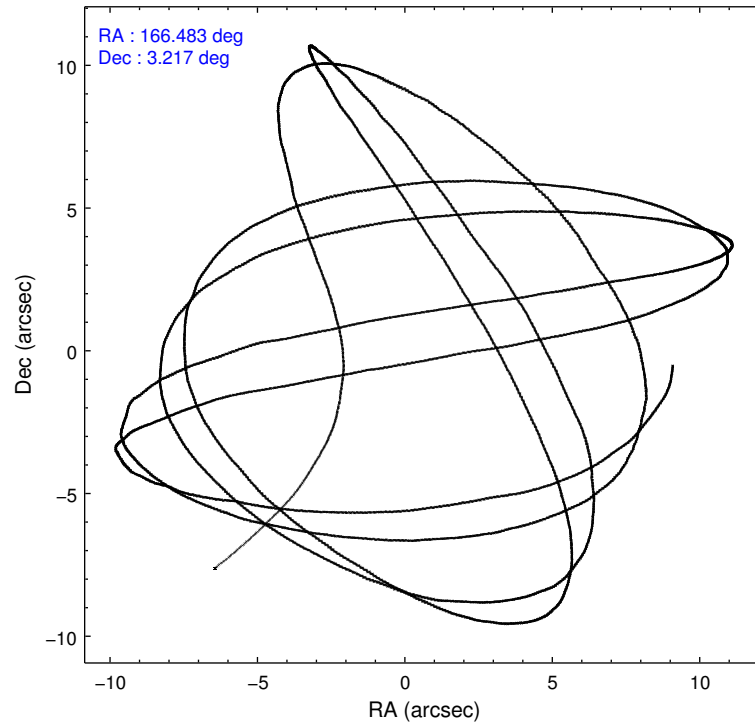
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	42524	42763	46318	61118	55398
rejected events	36856	37043	40574	36708	43053
rejected %	86%	86%	87%	60%	77%

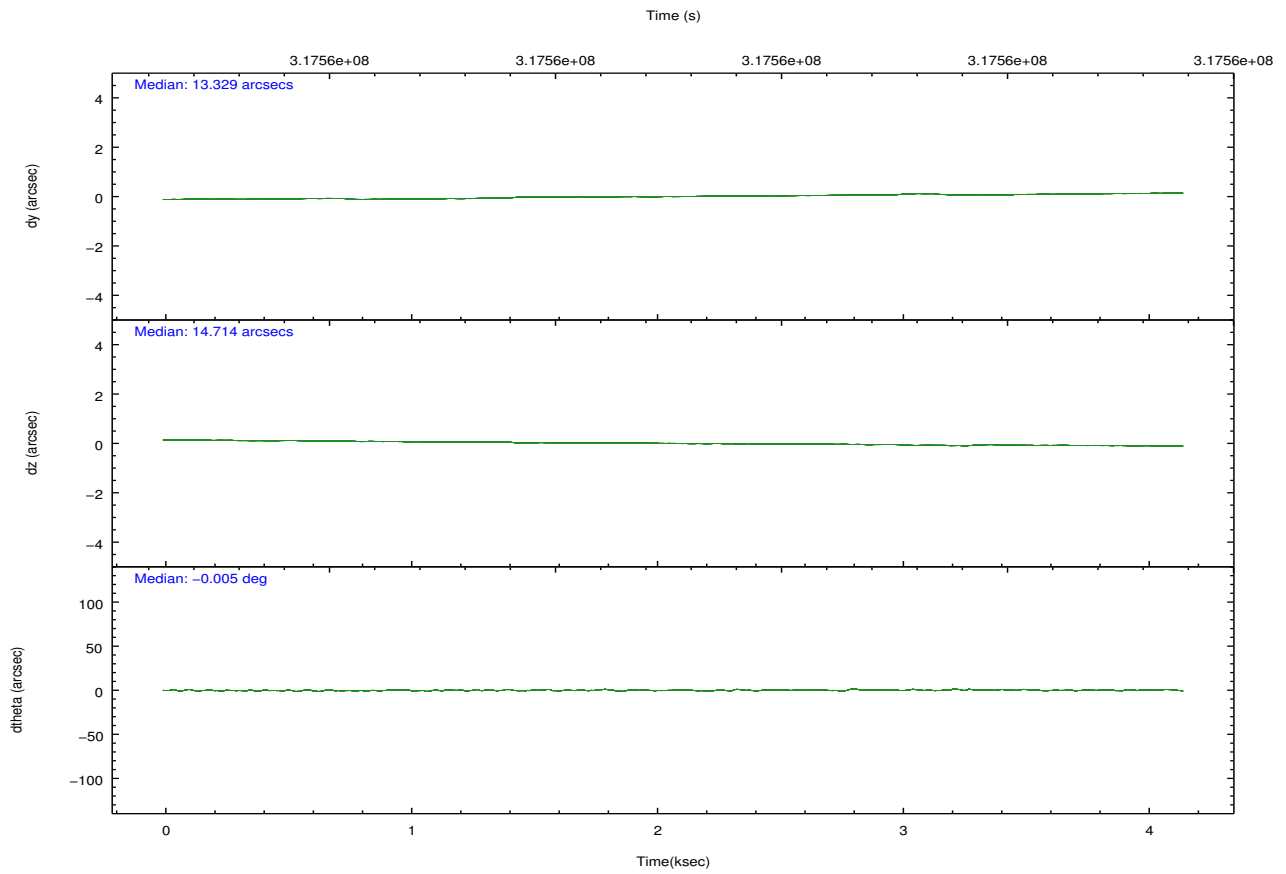
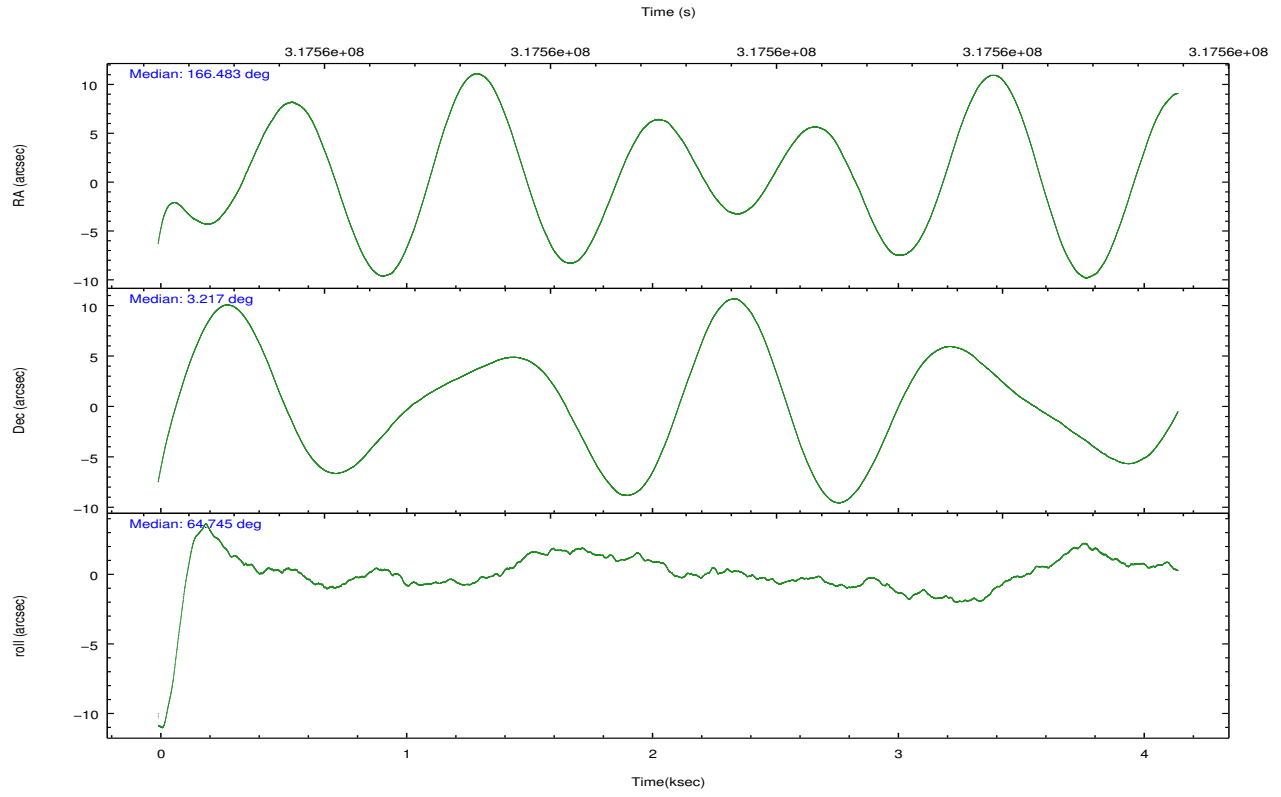
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	2914	2937	2583	2230	4554
	6%	6%	5%	3%	8%
grade 1 events	31	31	30	71	50
	0%	0%	0%	0%	0%
grade 2 events	1164	1123	1291	5315	2929
	2%	2%	2%	8%	5%
grade 3 events	495	528	554	2141	1281
	1%	1%	1%	3%	2%
grade 4 events	494	519	525	2213	1213
	1%	1%	1%	3%	2%
grade 5 events	1735	1939	1982	5694	2712
	4%	4%	4%	9%	4%
grade 6 events	931	959	1125	14083	3204
	2%	2%	2%	23%	5%
grade 7 events	34760	34727	38228	29371	39455
	81%	81%	82%	48%	71%

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	166.486269	166.4835323217023	CCD I2 on	O1	Y
[deg] Pointing Dec	3.189599	3.216841788682889	CCD I3 on	Y	Y
[deg] Pointing Roll	64.595901	64.75265821747593	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)	317555594.184000	317554467.16332	CCD S5 on	N	N
Observation start date	2008-01-24T09:52:09	2008-01-24T09:34:27	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	317559594.184000	317559815.61358	On-chip summing requested	N	N
Observation end date	2008-01-24T10:58:49	2008-01-24T11:03:35	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



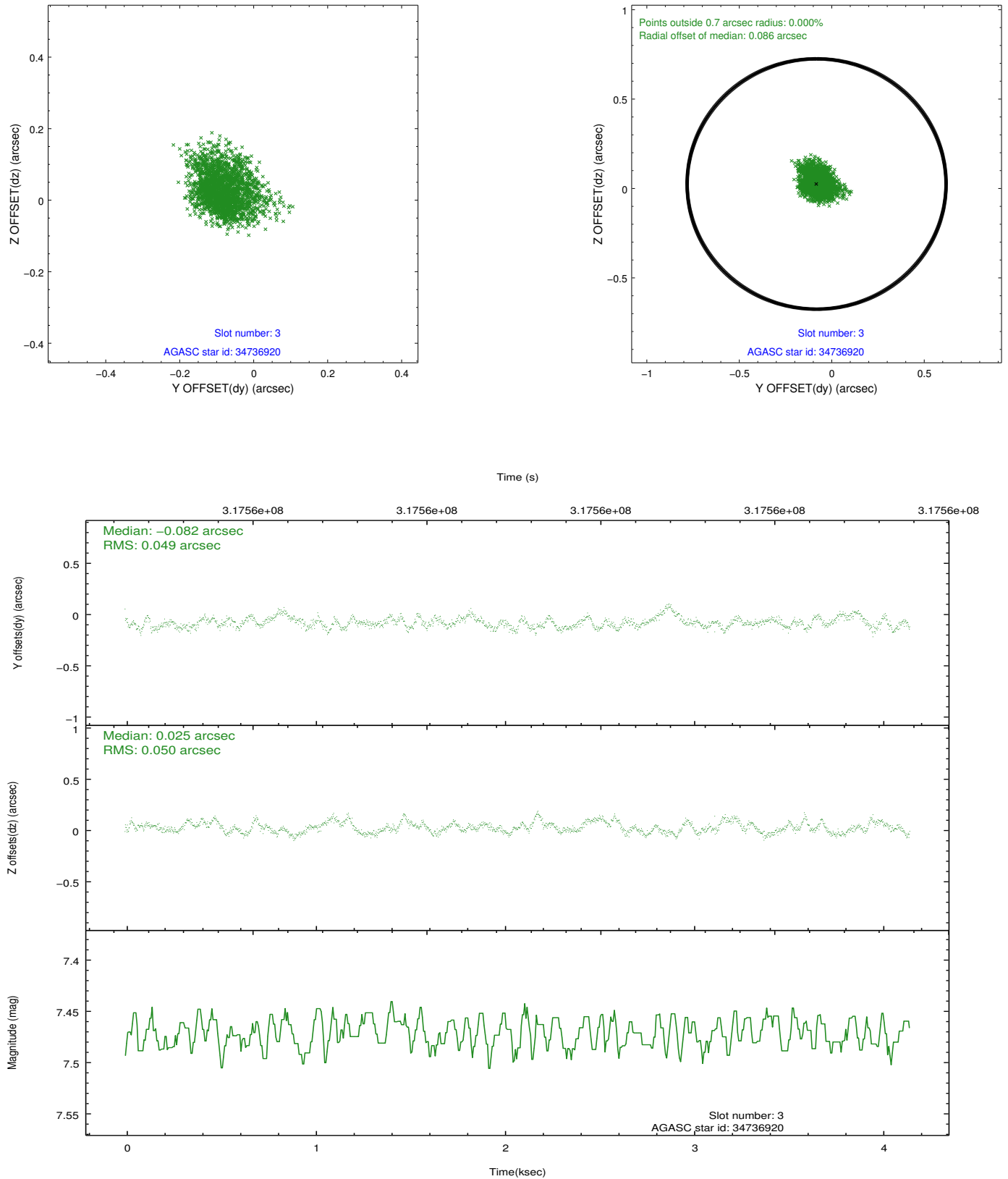


Slot Statistics

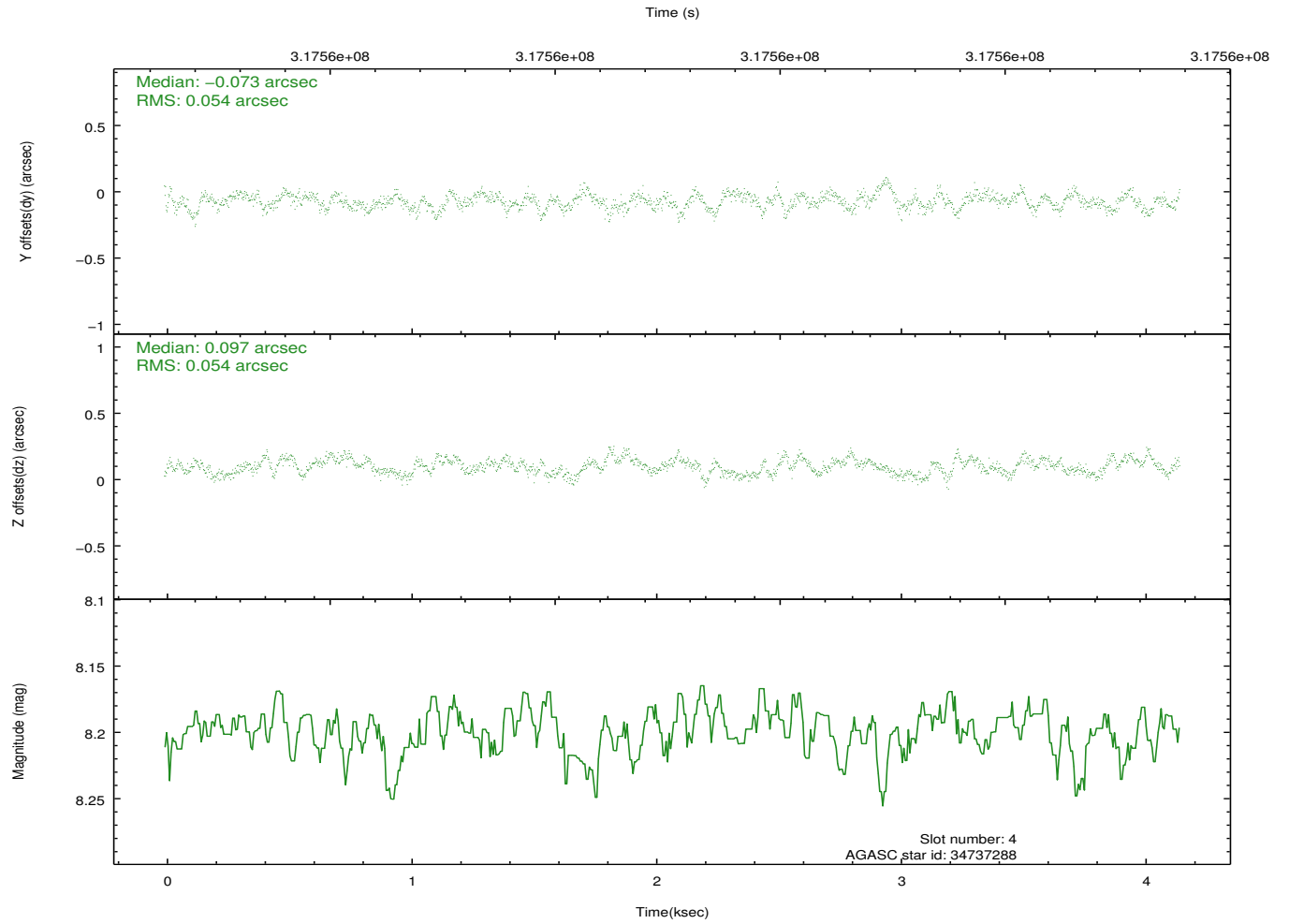
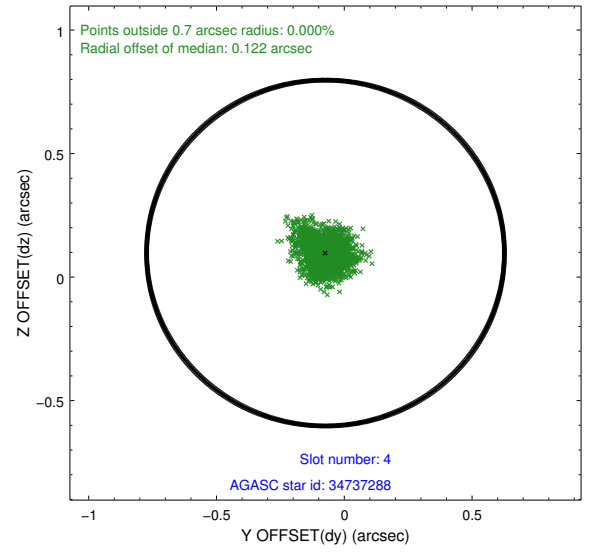
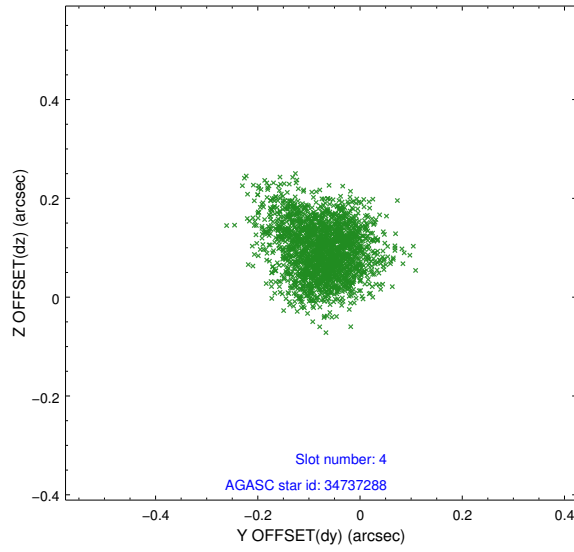
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-4	7.19	1012	0.150	-0.000	0.006	0.010	0.000000	0.000000	2147.24	172.64
1	FID	ACIS-S-5	7.23	1012	-0.185	-0.003	0.006	0.011	0.000000	0.000000	-1817.36	166.23
2	FID	ACIS-S-6	7.33	1011	0.006	0.017	0.007	0.012	0.000000	0.000000	393.72	810.01
3	GUIDE	34736920	7.47	2024	-0.082	0.025	0.074	0.120	167.111190	3.222648	1072.08	-1976.92
4	GUIDE	34737288	8.20	2025	-0.073	0.097	0.081	0.131	167.057112	3.533369	1999.47	-1322.41
5	GUIDE	34740624	9.34	2022	0.021	-0.247	0.095	0.153	166.274508	3.645237	1156.55	1389.93
6	GUIDE	34742760	9.04	1957	0.268	-0.098	0.086	0.146	166.705642	2.861300	-728.07	-1218.89
7	GUIDE	34737000	8.92	2024	-0.131	0.222	0.070	0.116	167.081799	3.194732	935.79	-1925.80

2.4 Star Slots

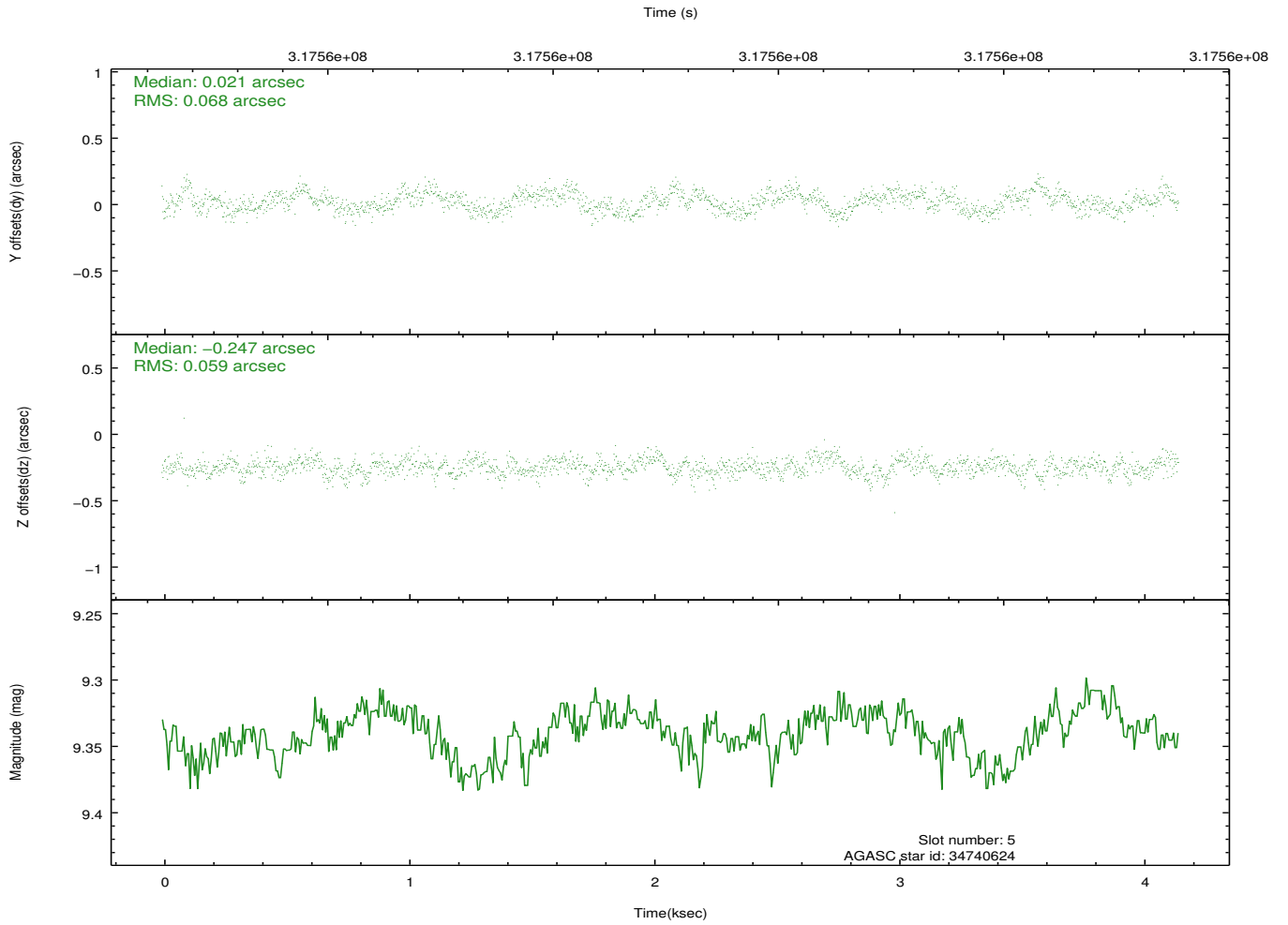
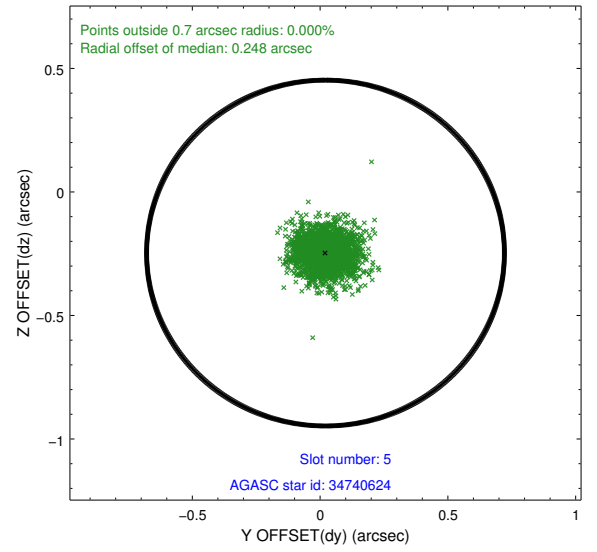
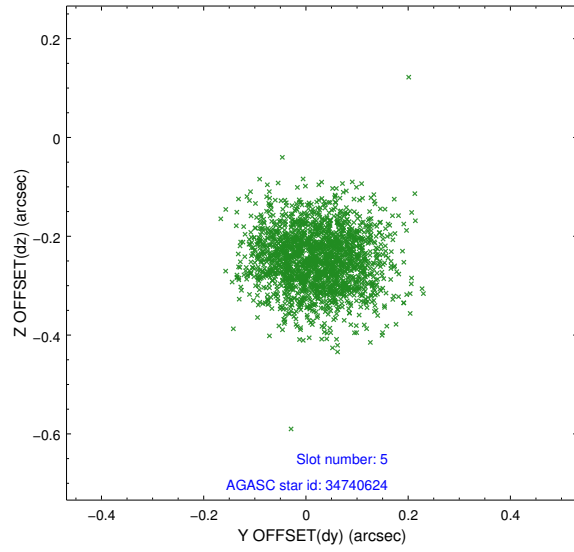
2.4.1 Slot 3



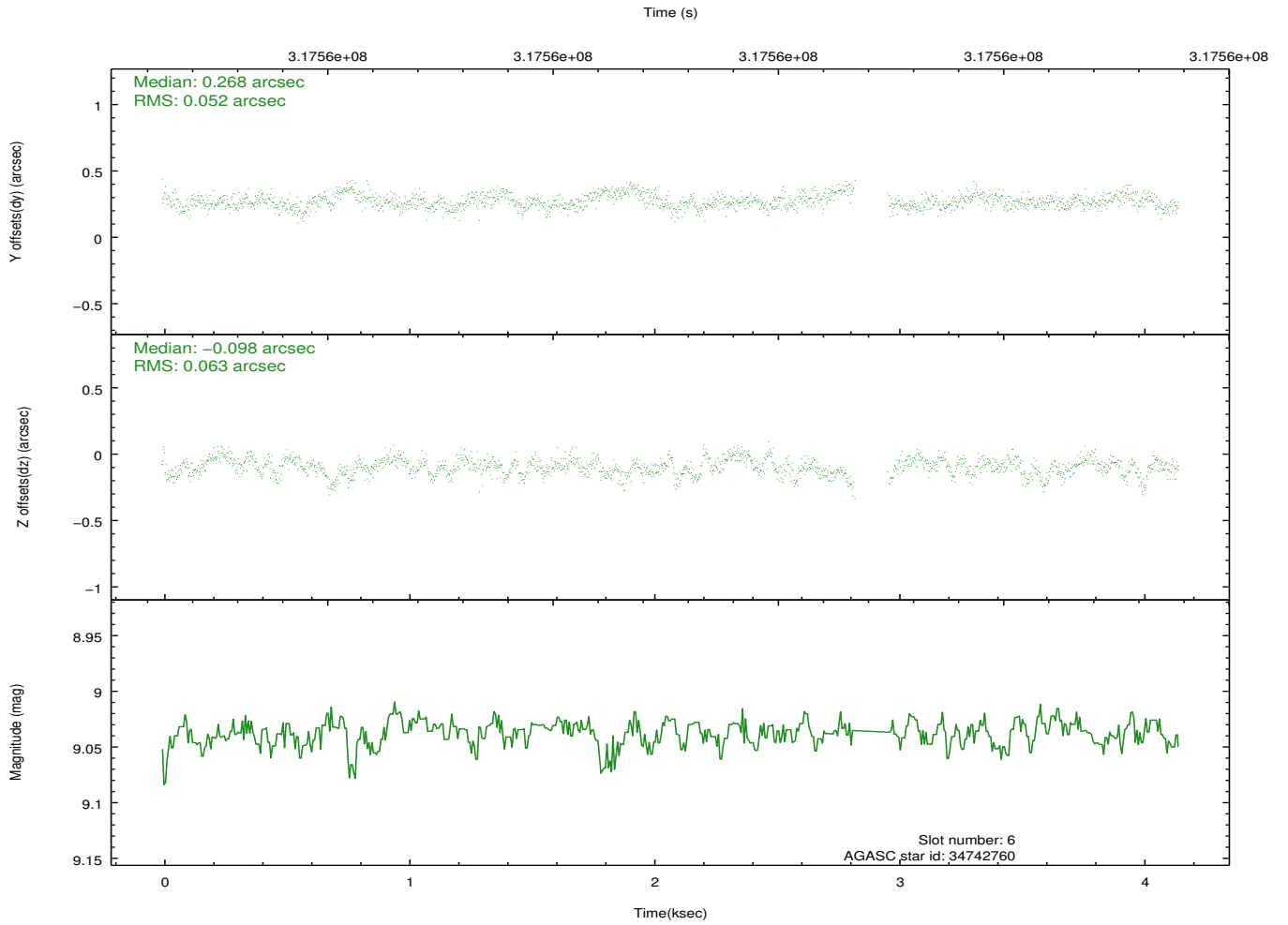
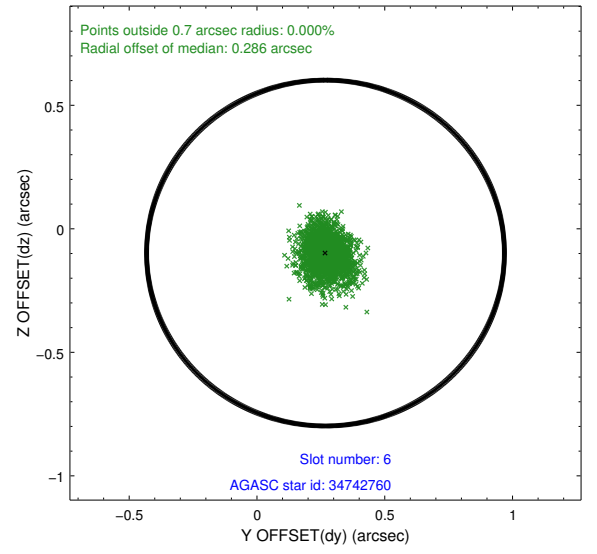
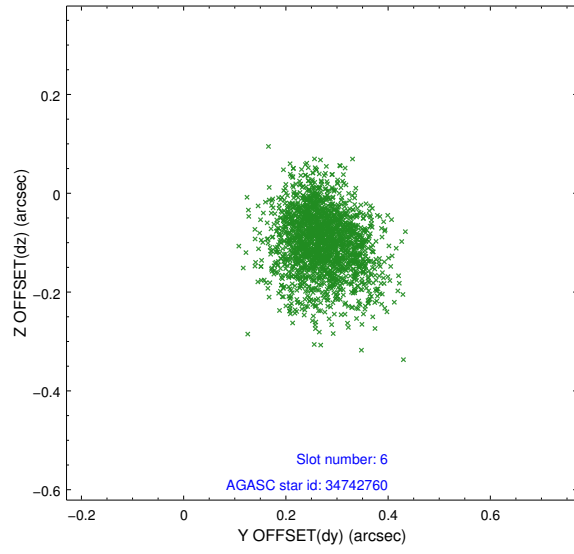
2.4.2 Slot 4



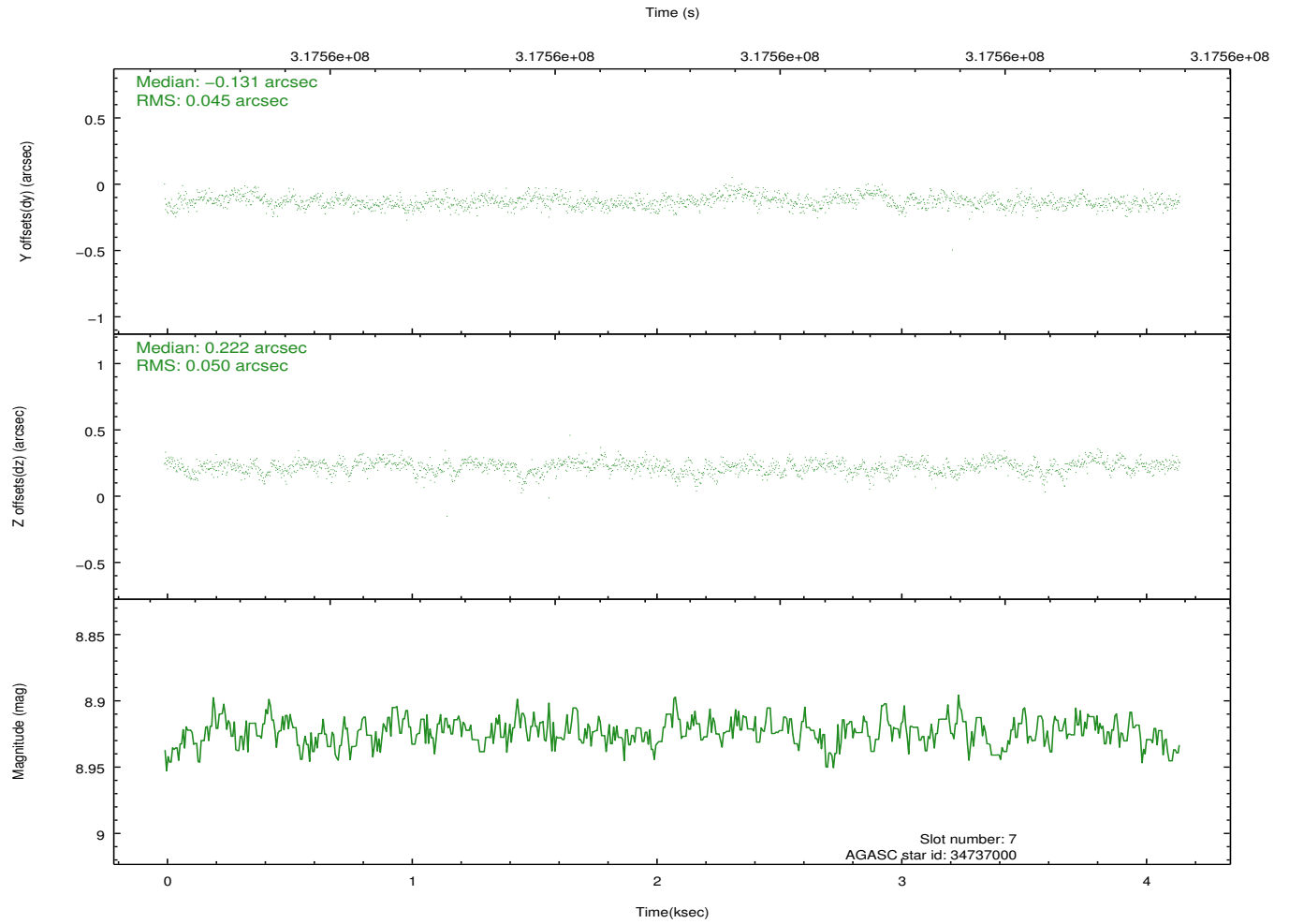
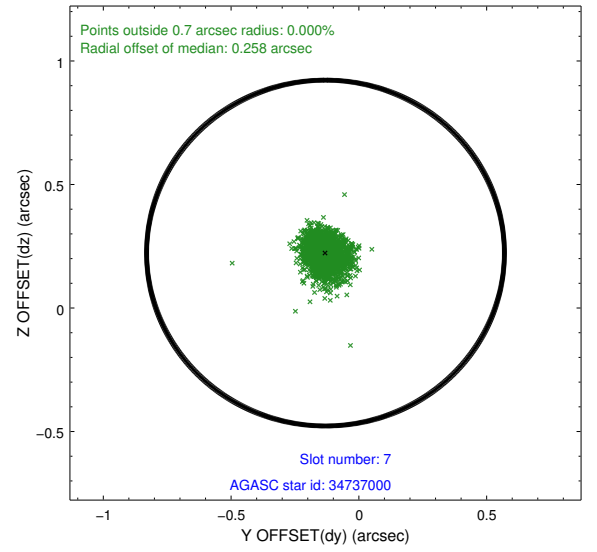
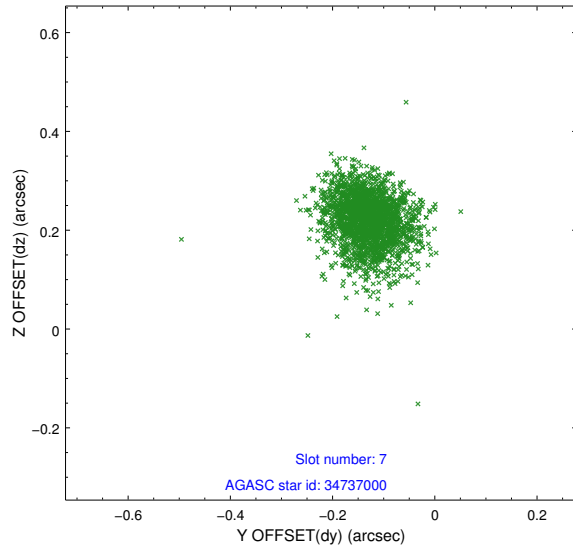
2.4.3 Slot 5



2.4.4 Slot 6

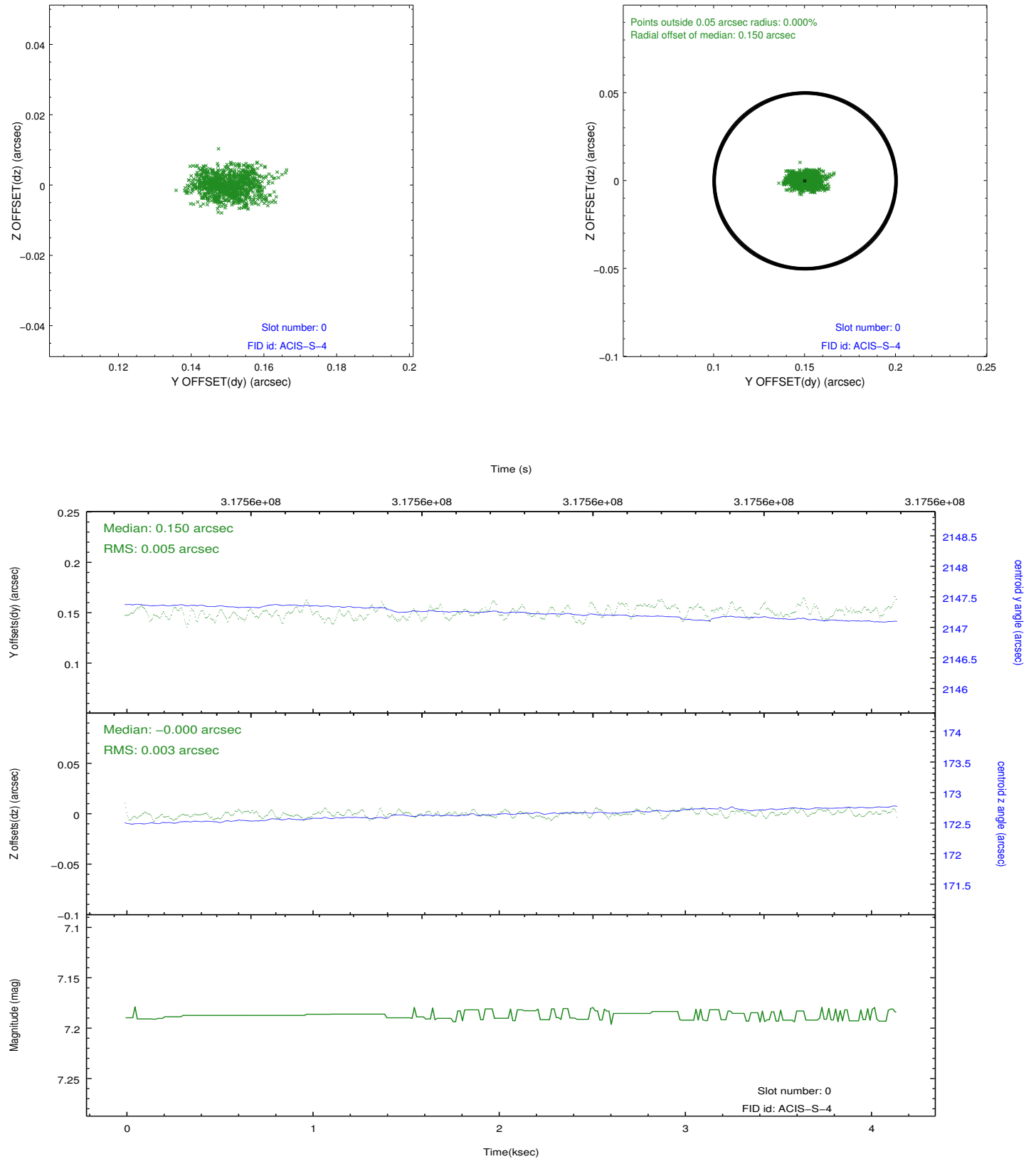


2.4.5 Slot 7

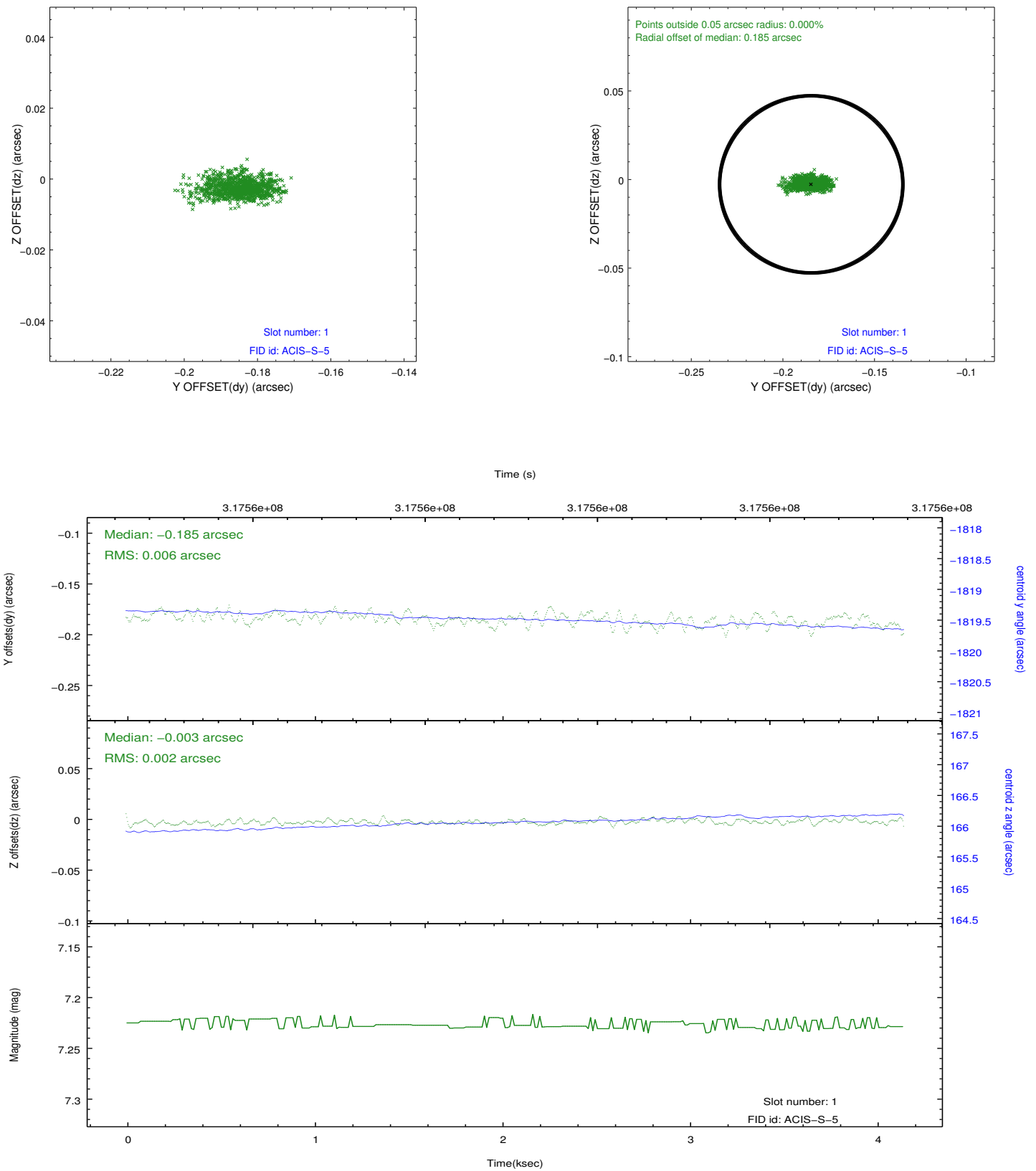


2.5 FID Slots

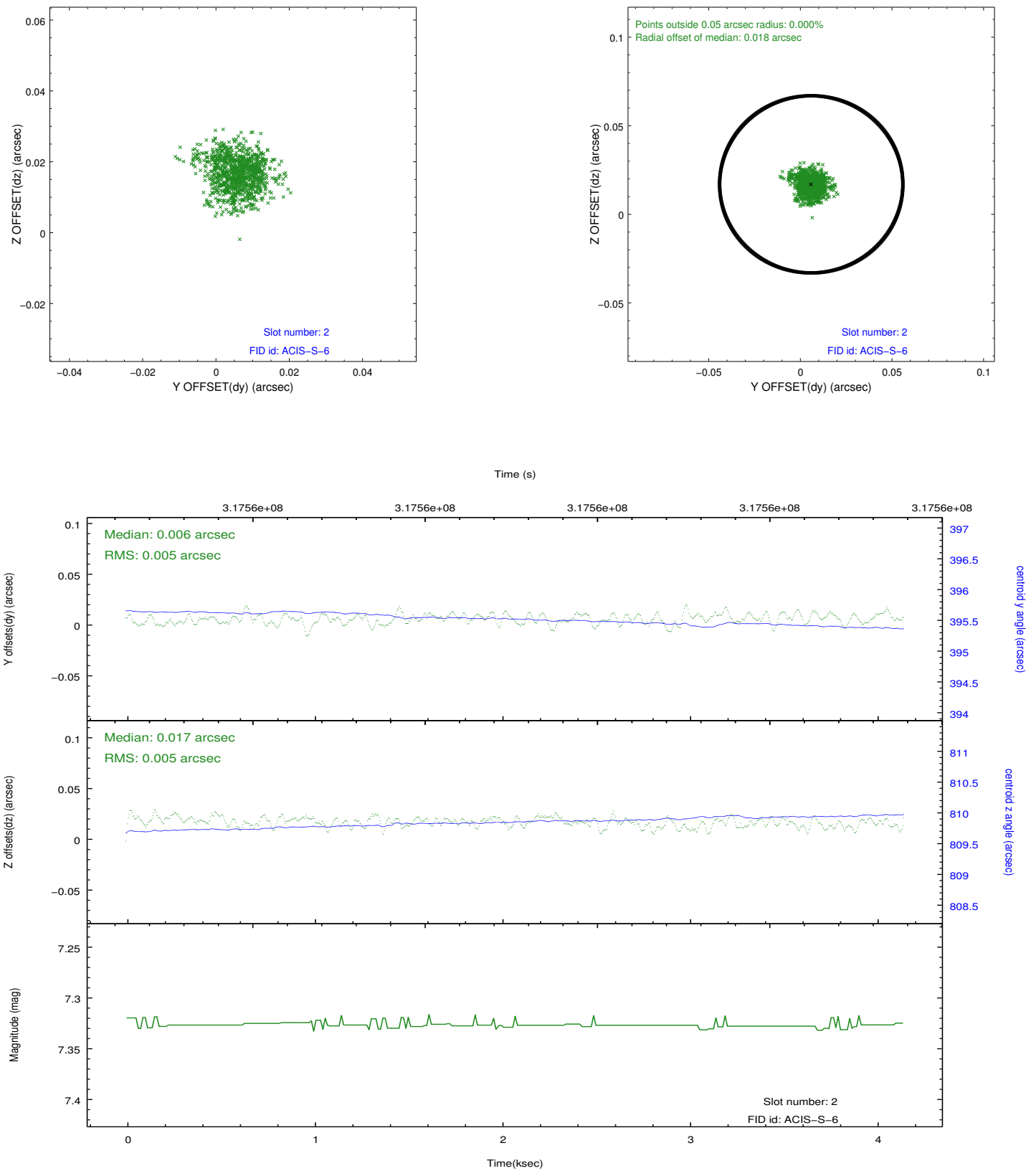
2.5.1 Slot 0



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	4.14470003

A.2 Comments

Joint proposal: HST+Spitzer