

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9204 - L2 Version 2
Chandra X-Ray Center

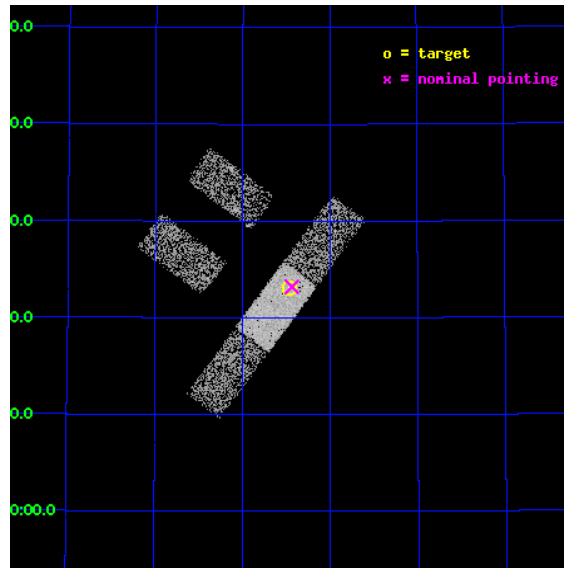
L2 Processing Date : May 6 2012

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1 Front

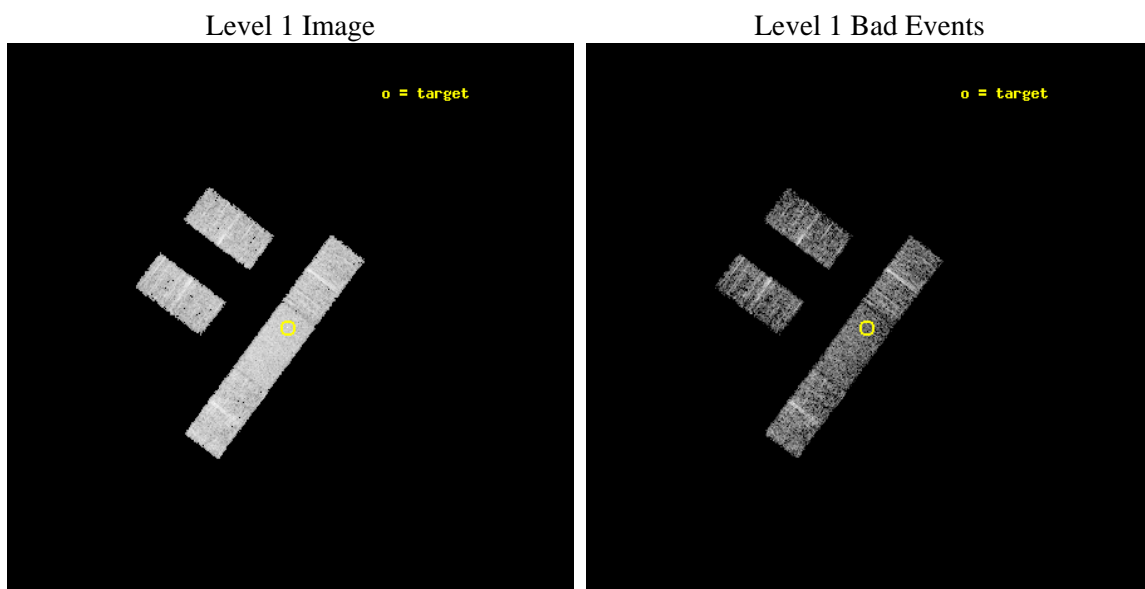
seq_num	701646	Sequence number
obs_id	9204	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S32	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	121.116667	Observer's specified target RA [deg]
dec_targ	52.385056	Observer's specified target Dec [deg]
ra_nom	121.10897414464	Nominal RA [deg]
dec_nom	52.386777673688	Nominal Dec [deg]
roll_nom	126.63556860502	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3150.0999779701	Sum of GTIs [s]
livetime	3075.8454501615	Livetime [s]
ontime2	3150.0999779701	Sum of GTIs [s]
ontime3	3150.0999779701	Sum of GTIs [s]
ontime6	3150.0999779701	Sum of GTIs [s]
ontime7	3150.0999779701	Sum of GTIs [s]
ontime8	3150.0999779701	Sum of GTIs [s]
l2events	15673	Number of level 2 events



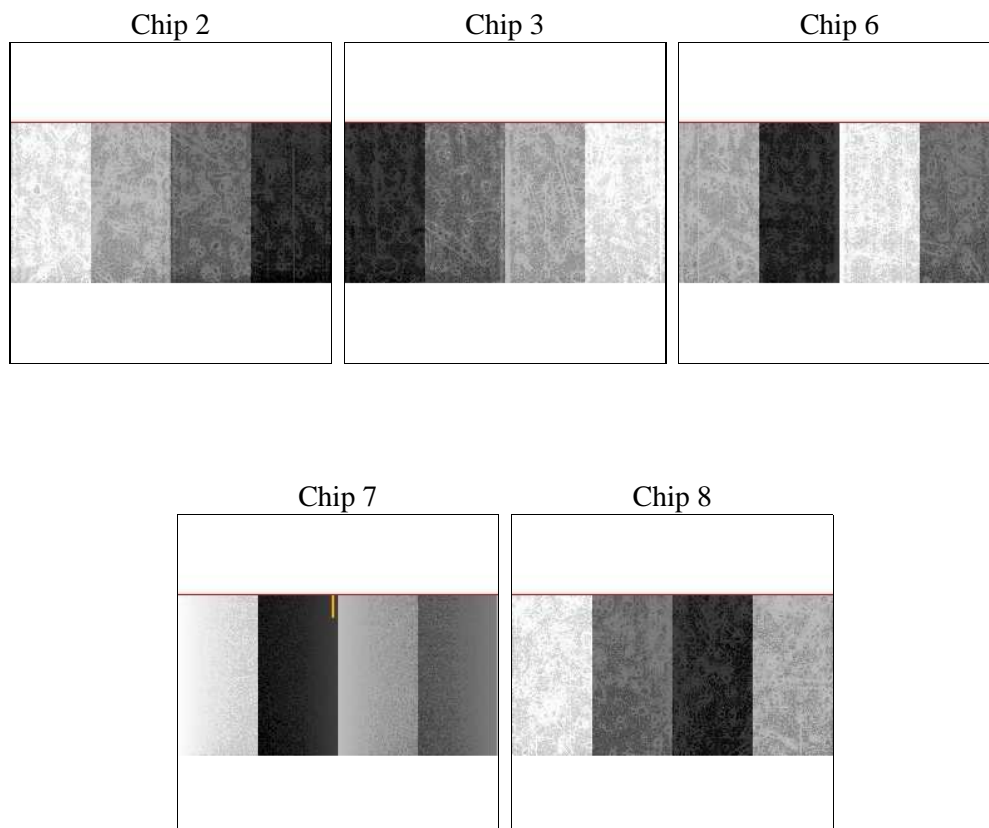
2 OBI

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	3150.0999779701	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3150.0999779701	Sum of GTIs [s]
date	2012-05-07T01:45:53	Date and time of file creation	ontime3	3150.0999779701	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3150.0999779701	Sum of GTIs [s]
			ontime7	3150.0999779701	Sum of GTIs [s]
			ontime8	3150.0999779701	Sum of GTIs [s]
			l1events	130807	Number of level 1 events

2.1.4 Events

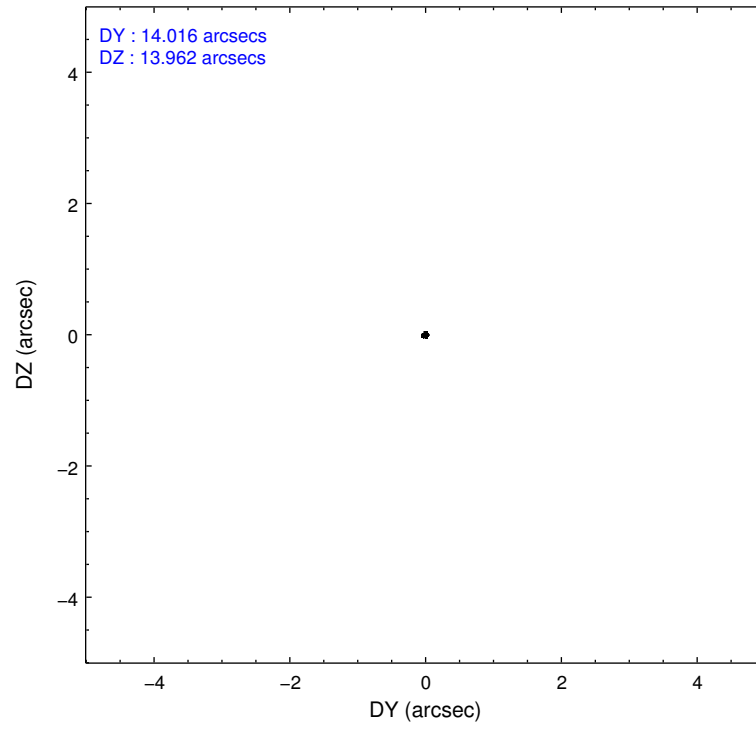
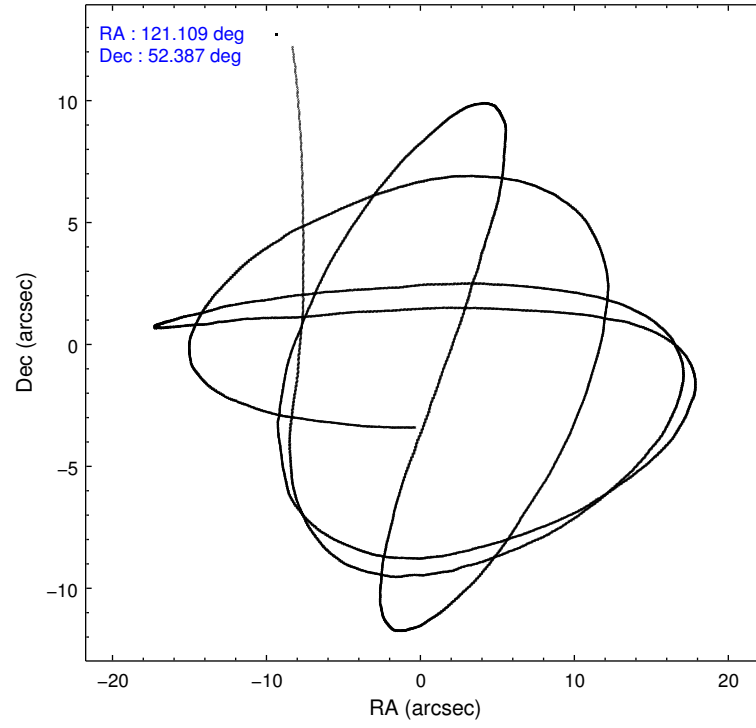
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	21923	22637	25260	31064	29923
rejected events	19975	20685	23248	22080	25537
rejected %	91%	91%	92%	71%	85%

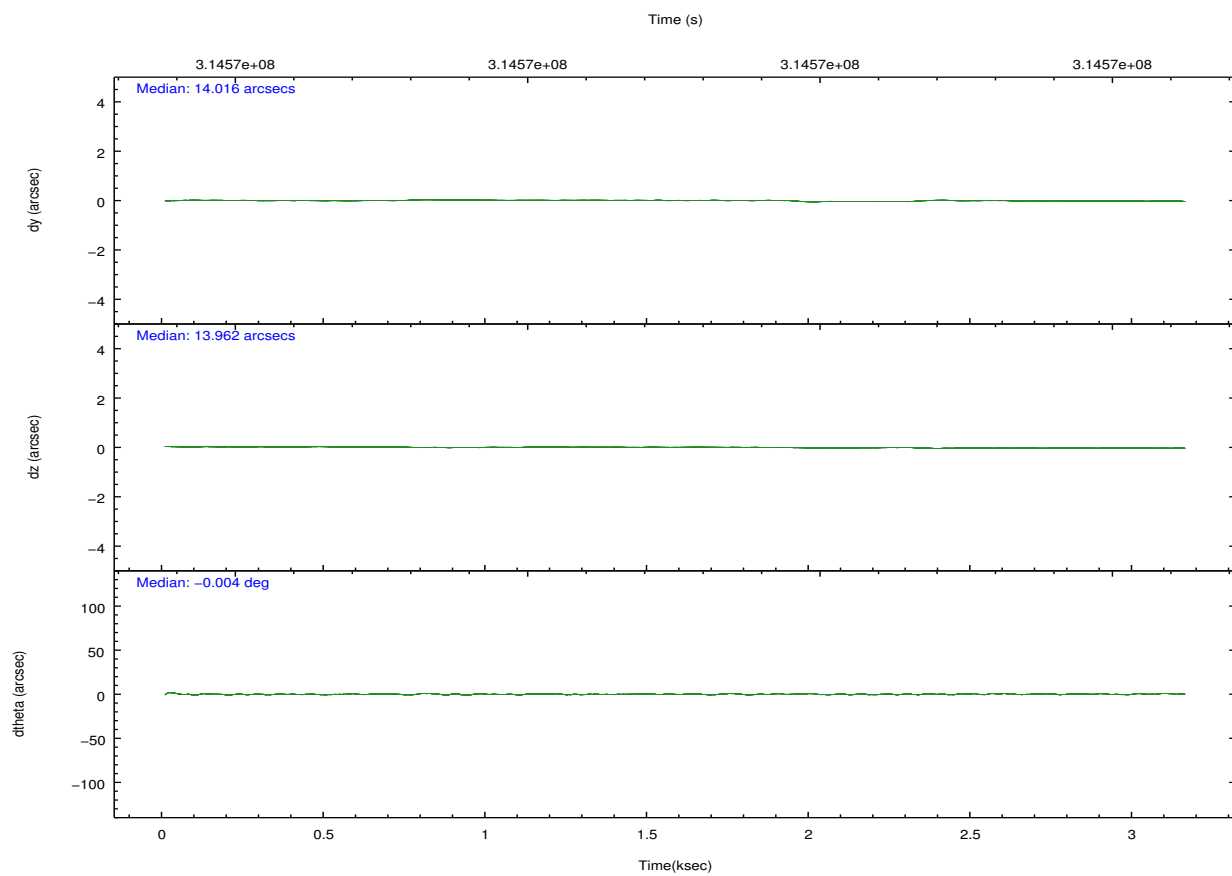
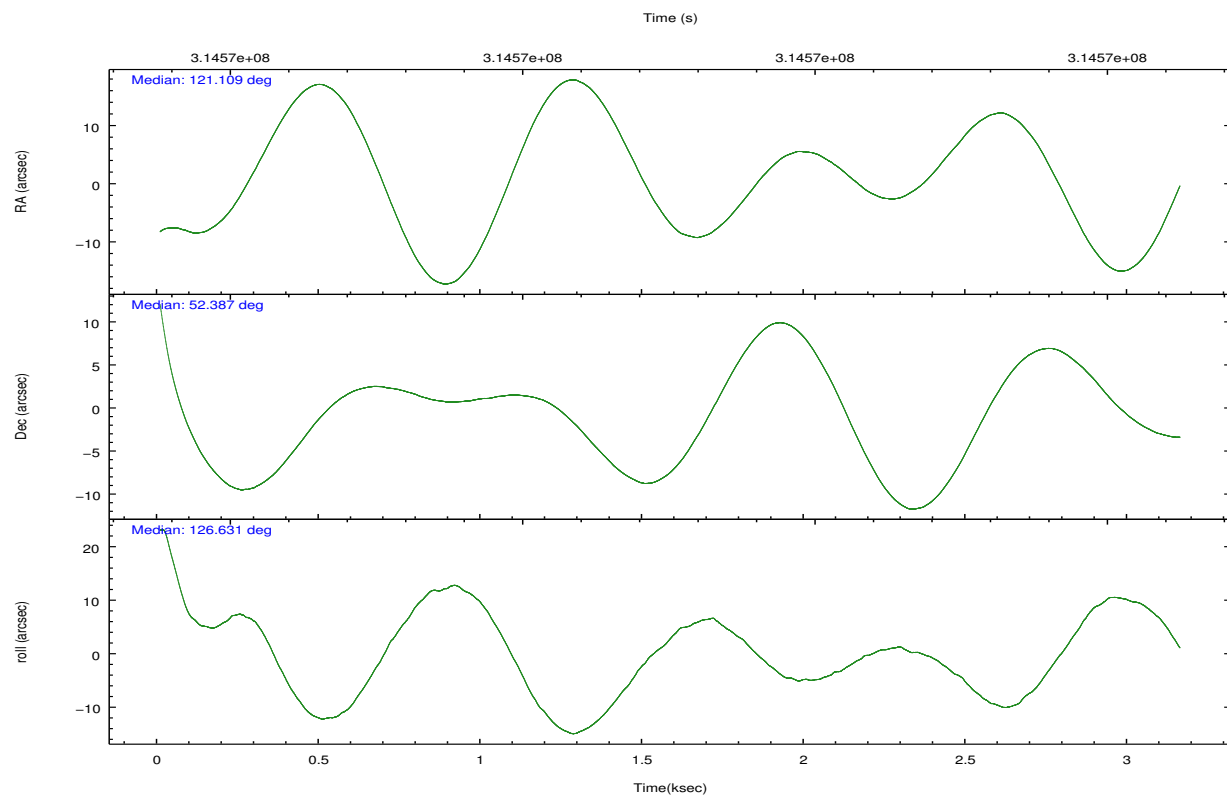
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	1166	1203	1044	1181	1960
	5%	5%	4%	3%	6%
grade 1 events	15	12	9	26	24
	0%	0%	0%	0%	0%
grade 2 events	555	522	597	2751	1397
	2%	2%	2%	8%	4%
grade 3 events	315	294	320	1190	662
	1%	1%	1%	3%	2%
grade 4 events	301	301	329	1151	593
	1%	1%	1%	3%	1%
grade 5 events	859	1052	1046	2986	1380
	3%	4%	4%	9%	4%
grade 6 events	433	491	574	6651	1769
	1%	2%	2%	21%	5%
grade 7 events	18279	18762	21341	15128	22138
	83%	82%	84%	48%	73%

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	121.150640	121.1089741446415	CCD I2 on	O1	Y
[deg] Pointing Dec	52.376342	52.38677767368753	CCD I3 on	Y	Y
[deg] Pointing Roll	126.445865	126.6355686050214	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)	314570085.184000	314568564.63123	CCD S5 on	N	N
Observation start date	2007-12-20T20:33:40	2007-12-20T20:09:24	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	314573085.184000	314573780.34398	On-chip summing requested	N	N
Observation end date	2007-12-20T21:23:40	2007-12-20T21:36:20	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



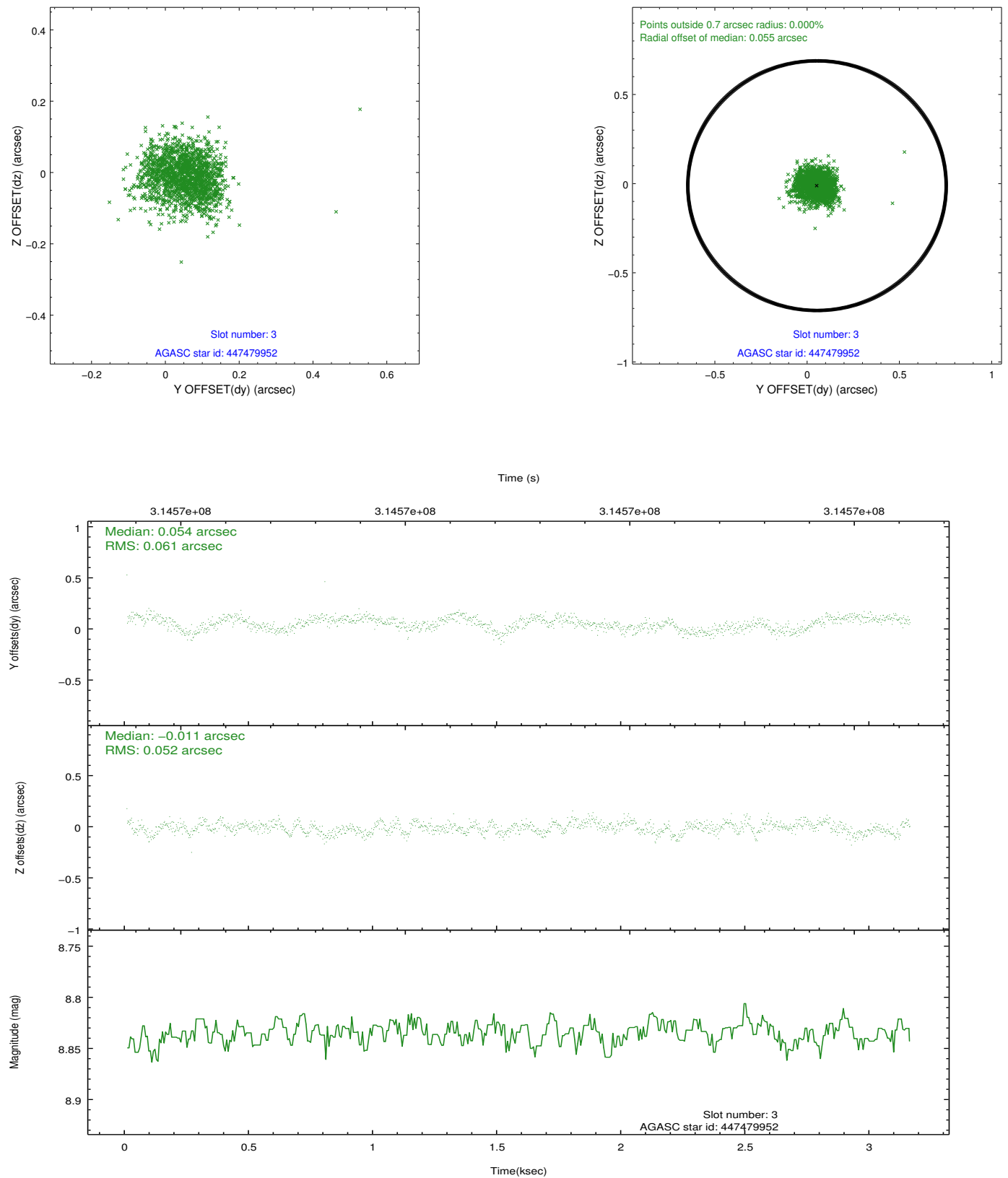


Slot Statistics

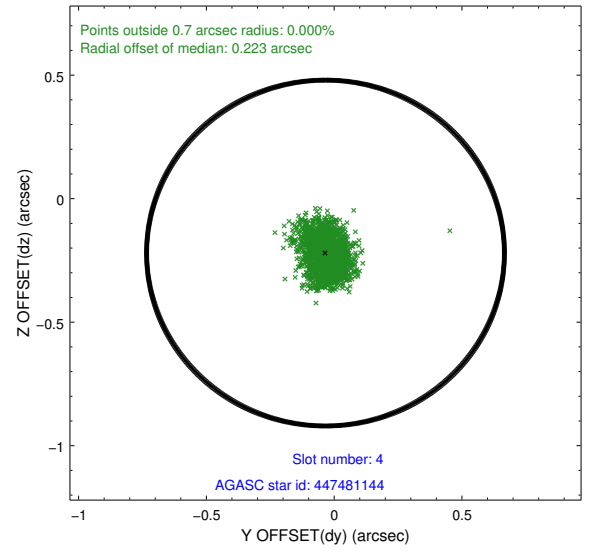
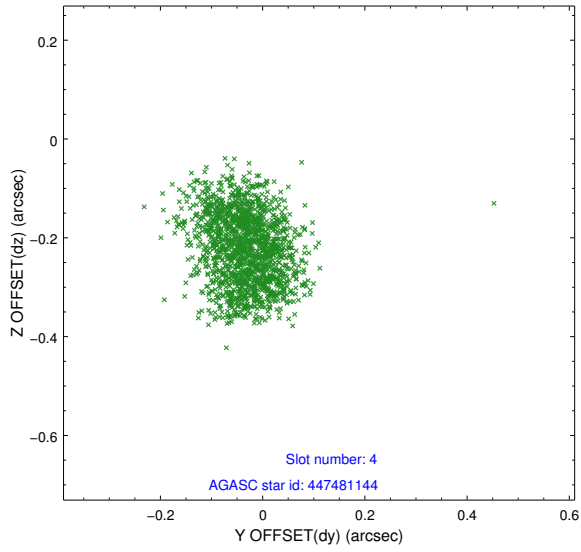
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	770	-0.062	-0.060	0.006	0.010	0.000000	0.000000	-767.02	-1735.32
1	FID	ACIS-S-4	7.20	770	0.196	0.046	0.006	0.010	0.000000	0.000000	2145.59	171.18
2	FID	ACIS-S-5	7.23	770	-0.166	0.022	0.006	0.011	0.000000	0.000000	-1817.38	167.13
3	GUIDE	447479952	8.83	1540	0.054	-0.011	0.085	0.130	121.892777	52.270262	-1271.38	-1093.59
4	GUIDE	447481144	8.84	1540	-0.034	-0.220	0.096	0.145	121.225066	52.159513	-726.23	330.01
5	GUIDE	447481536	9.73	1537	0.133	0.210	0.149	0.227	121.609189	52.131516	-1308.64	-293.62
6	GUIDE	497568864	7.73	1540	-0.173	-0.009	0.073	0.111	120.873094	52.757244	1462.27	-329.26
7	GUIDE	497553712	9.84	1529	0.025	0.038	0.148	0.241	121.453045	52.833950	936.86	-1509.23

2.4 Star Slots

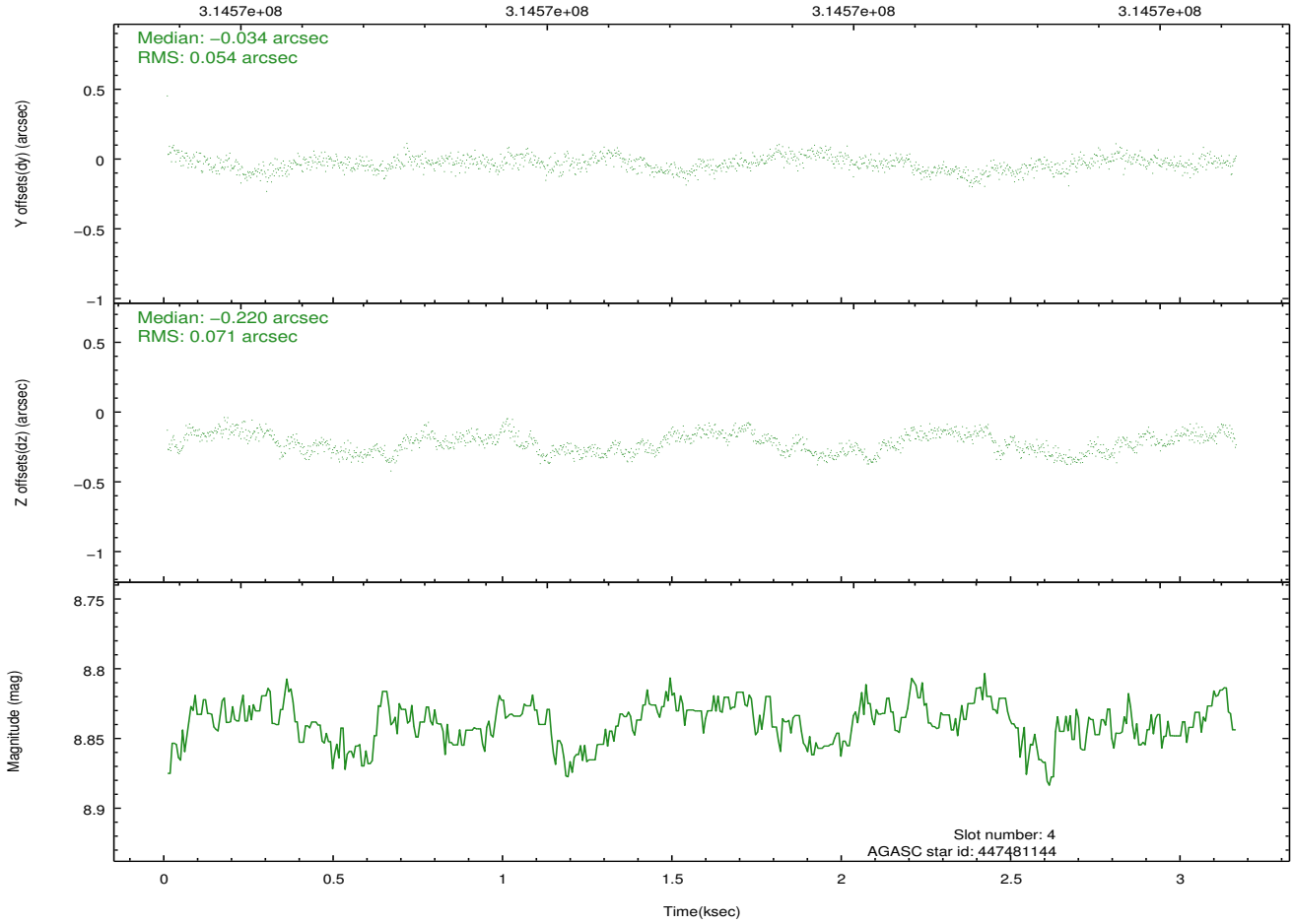
2.4.1 Slot 3



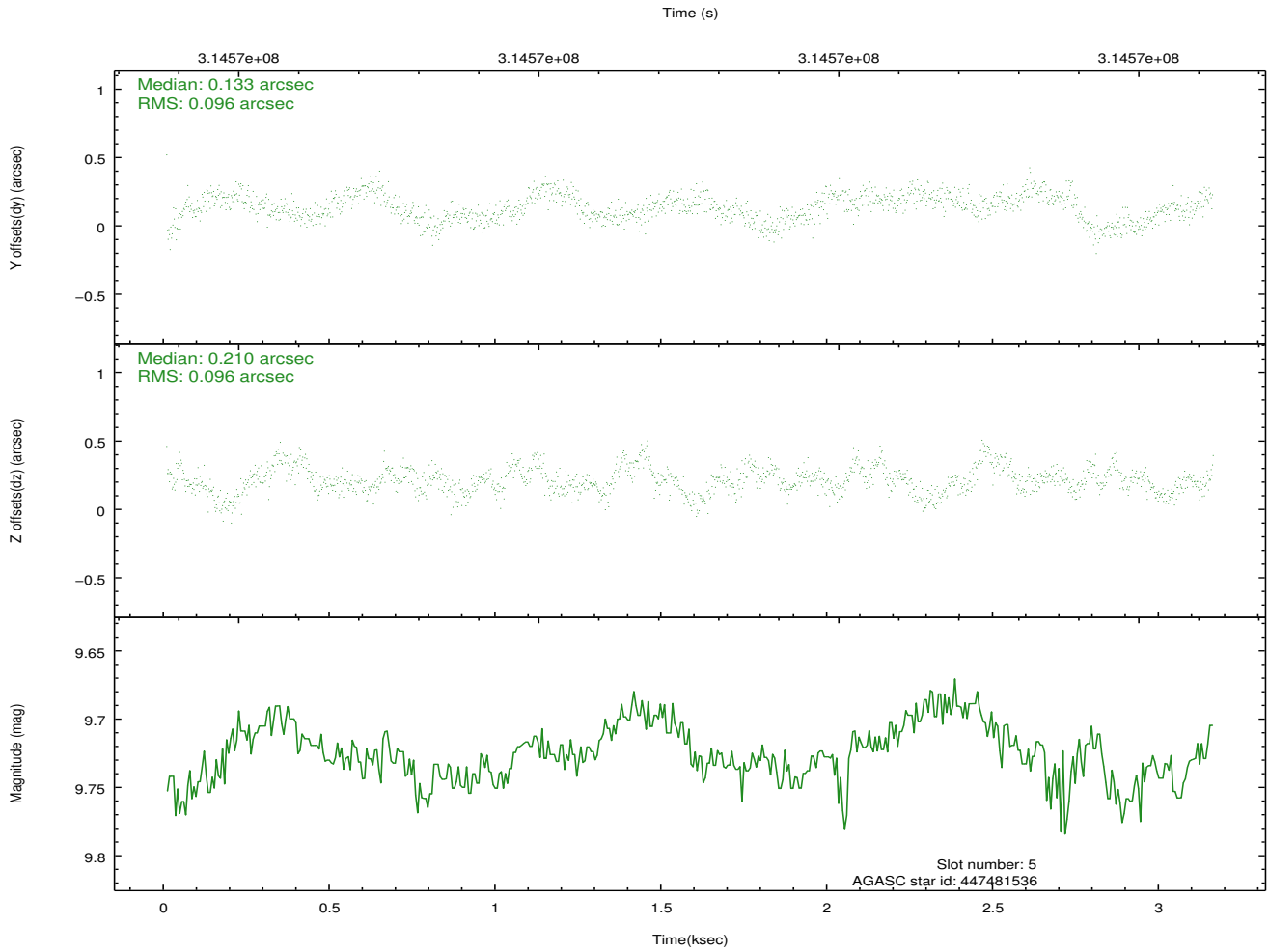
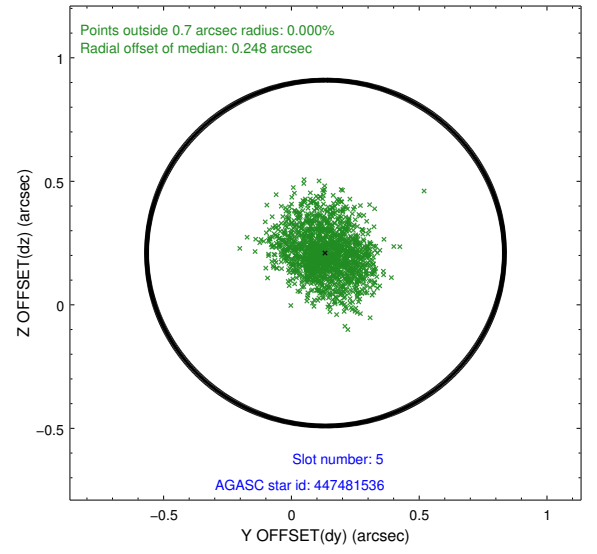
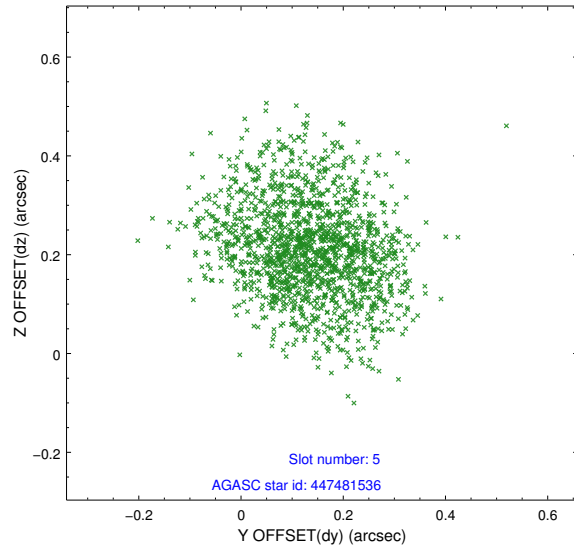
2.4.2 Slot 4



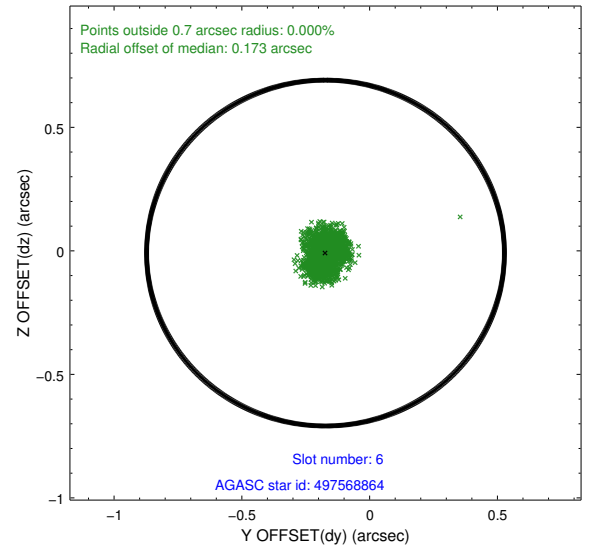
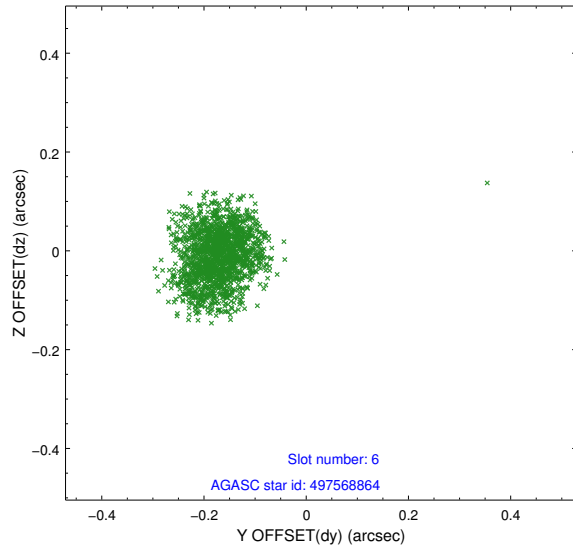
Time (s)



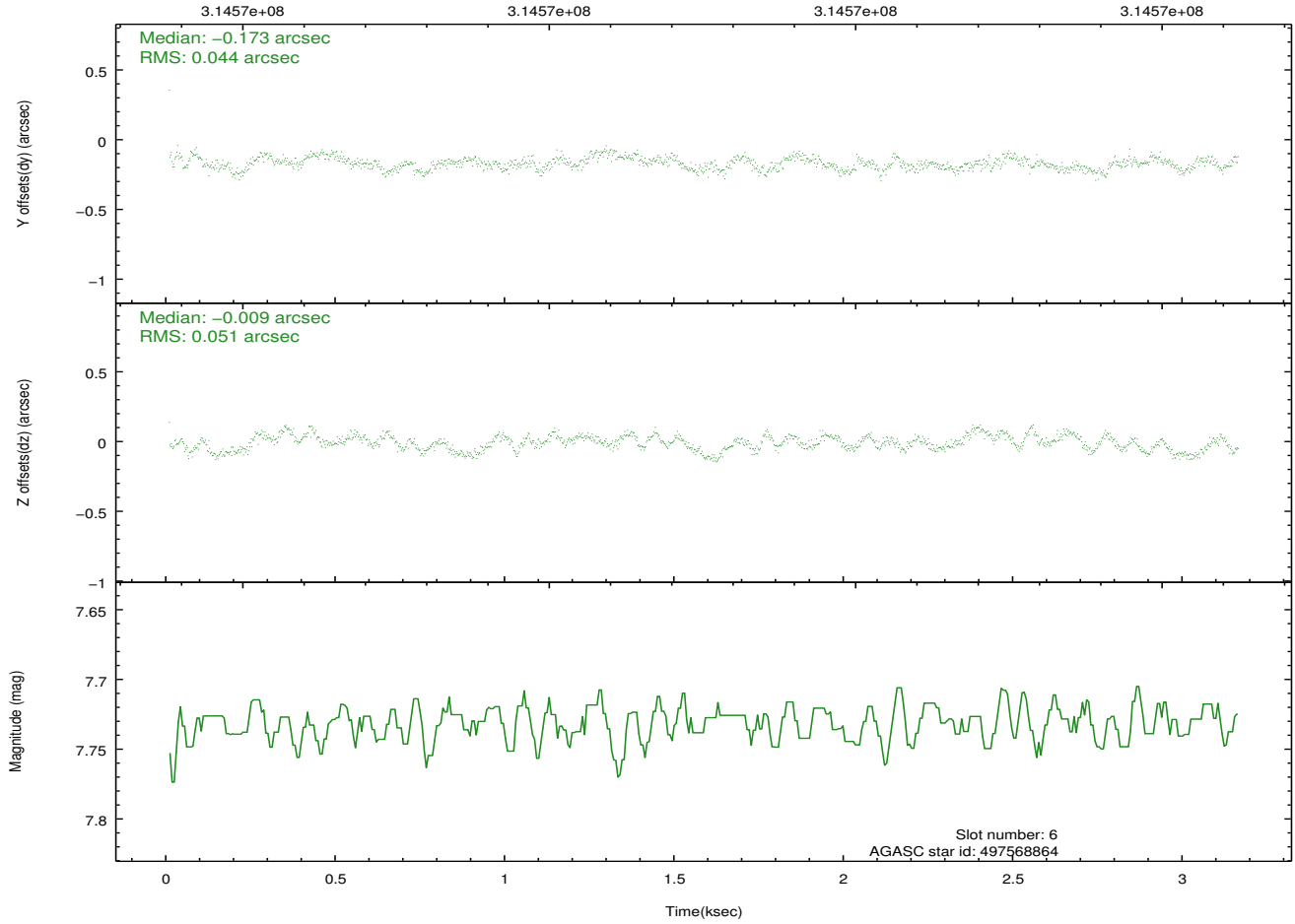
2.4.3 Slot 5



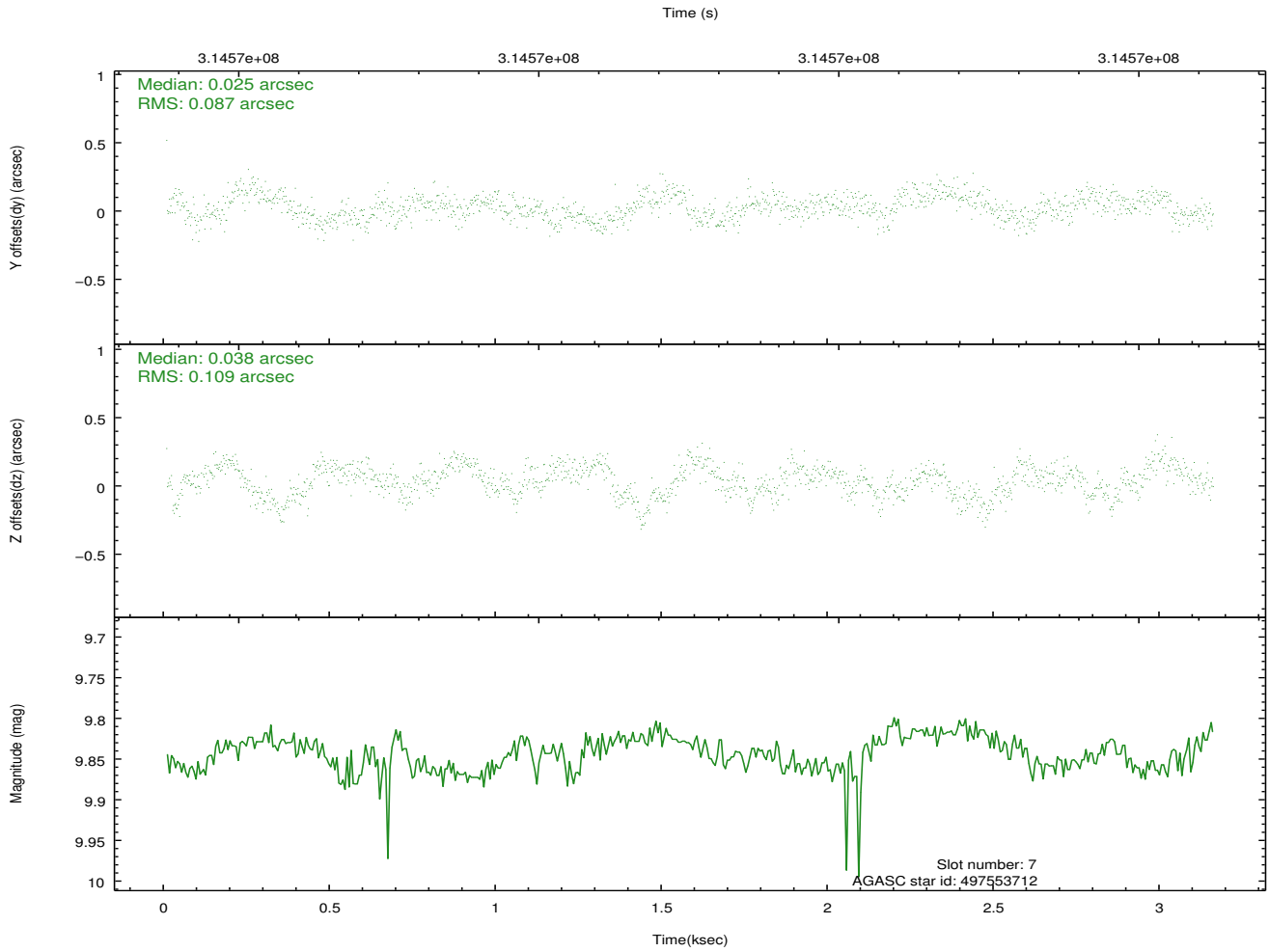
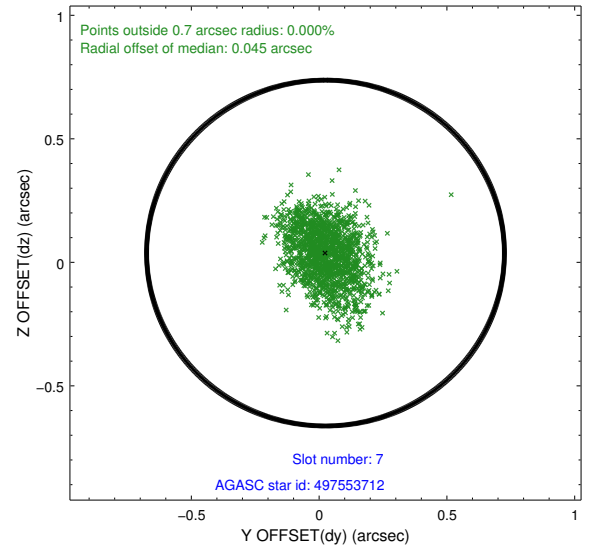
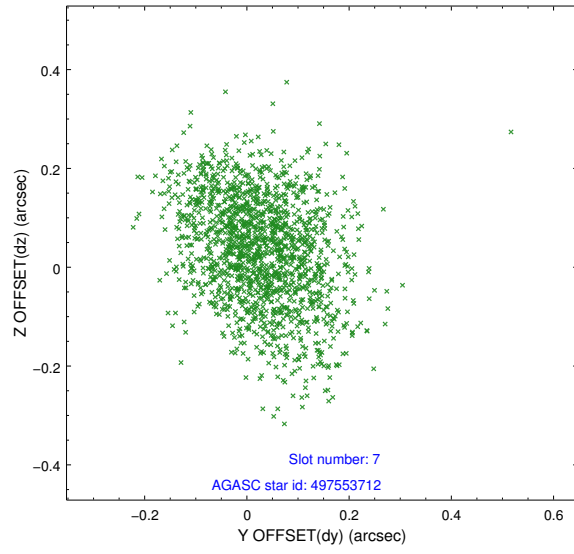
2.4.4 Slot 6



Time (s)

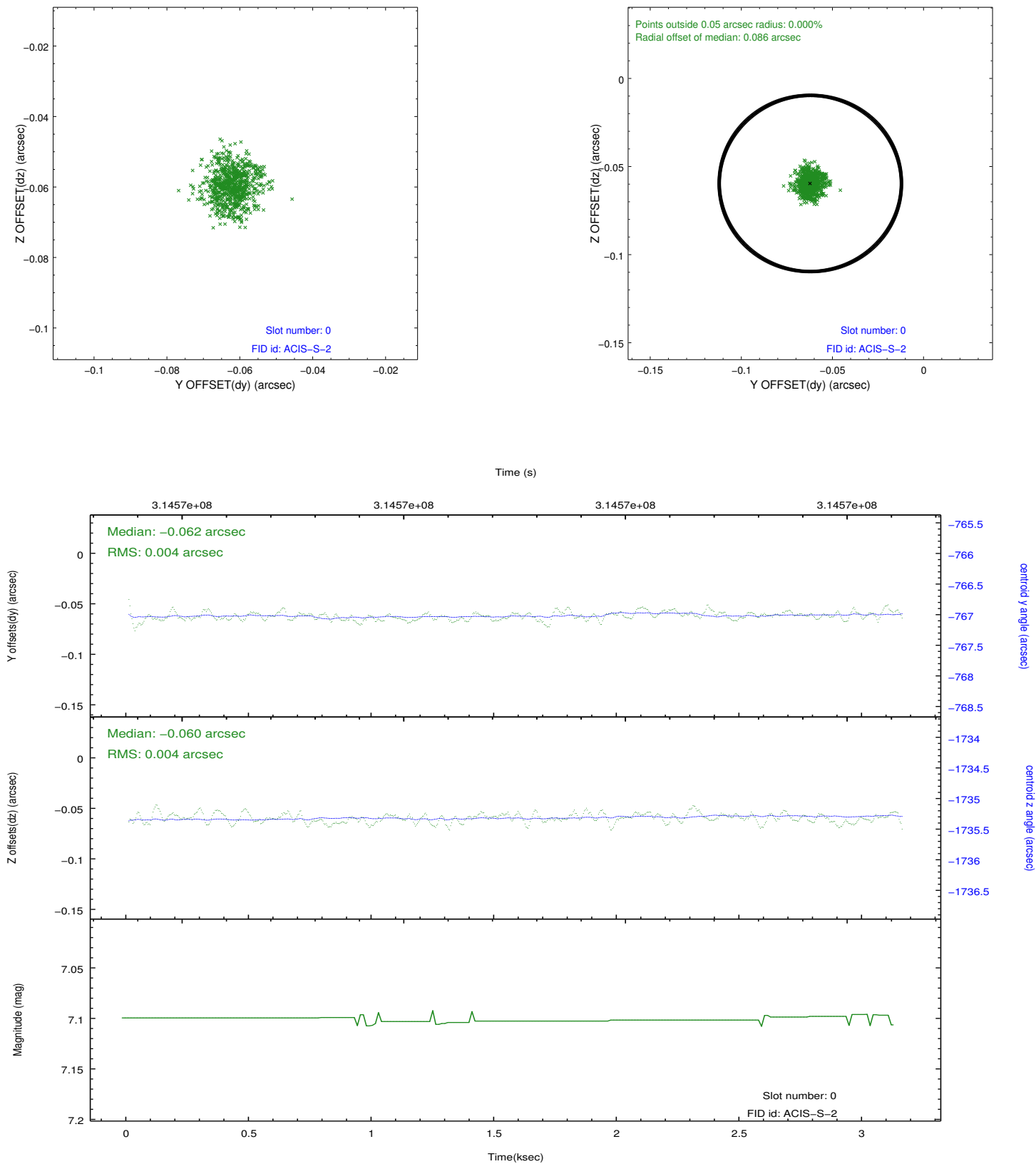


2.4.5 Slot 7

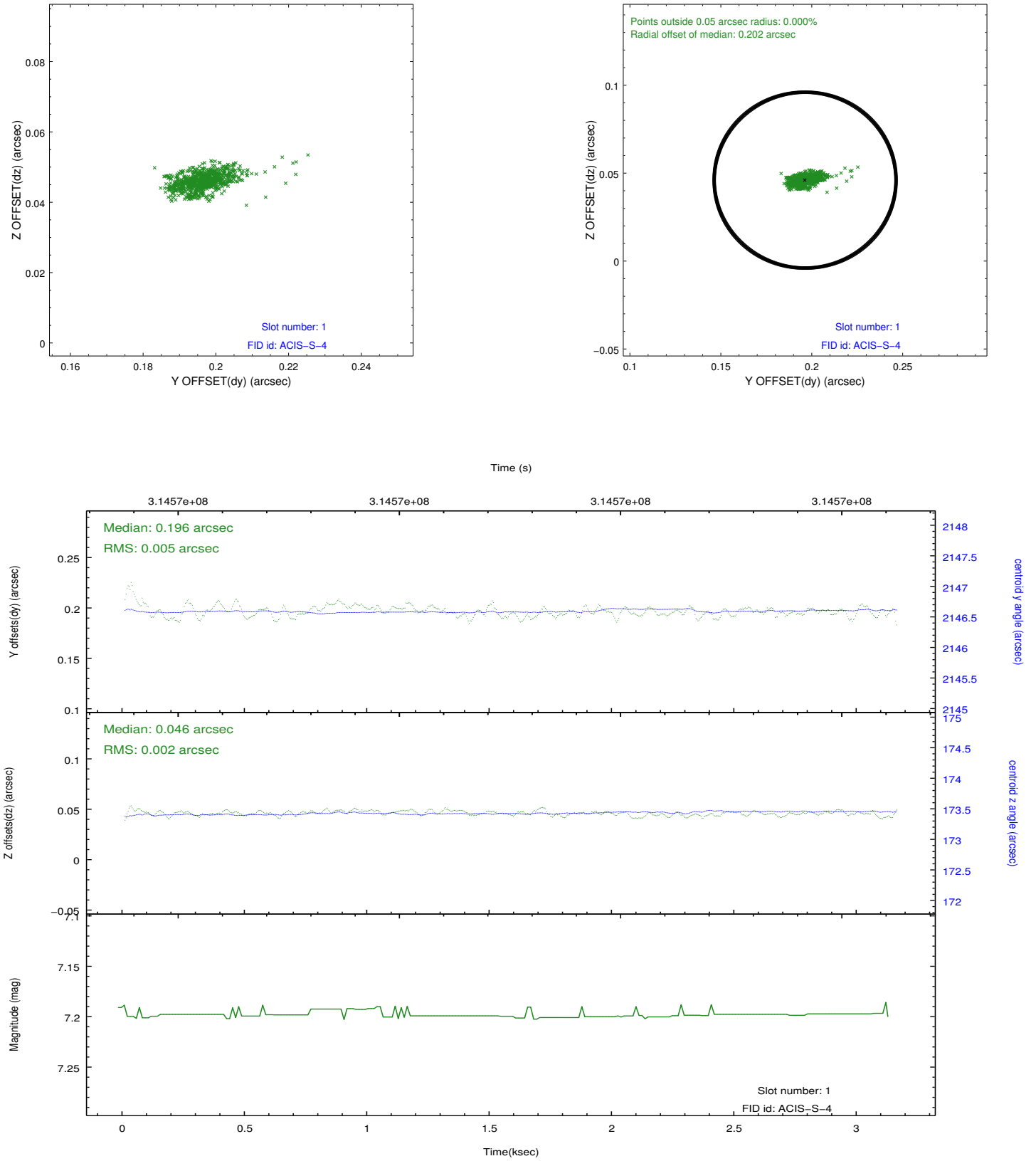


2.5 FID Slots

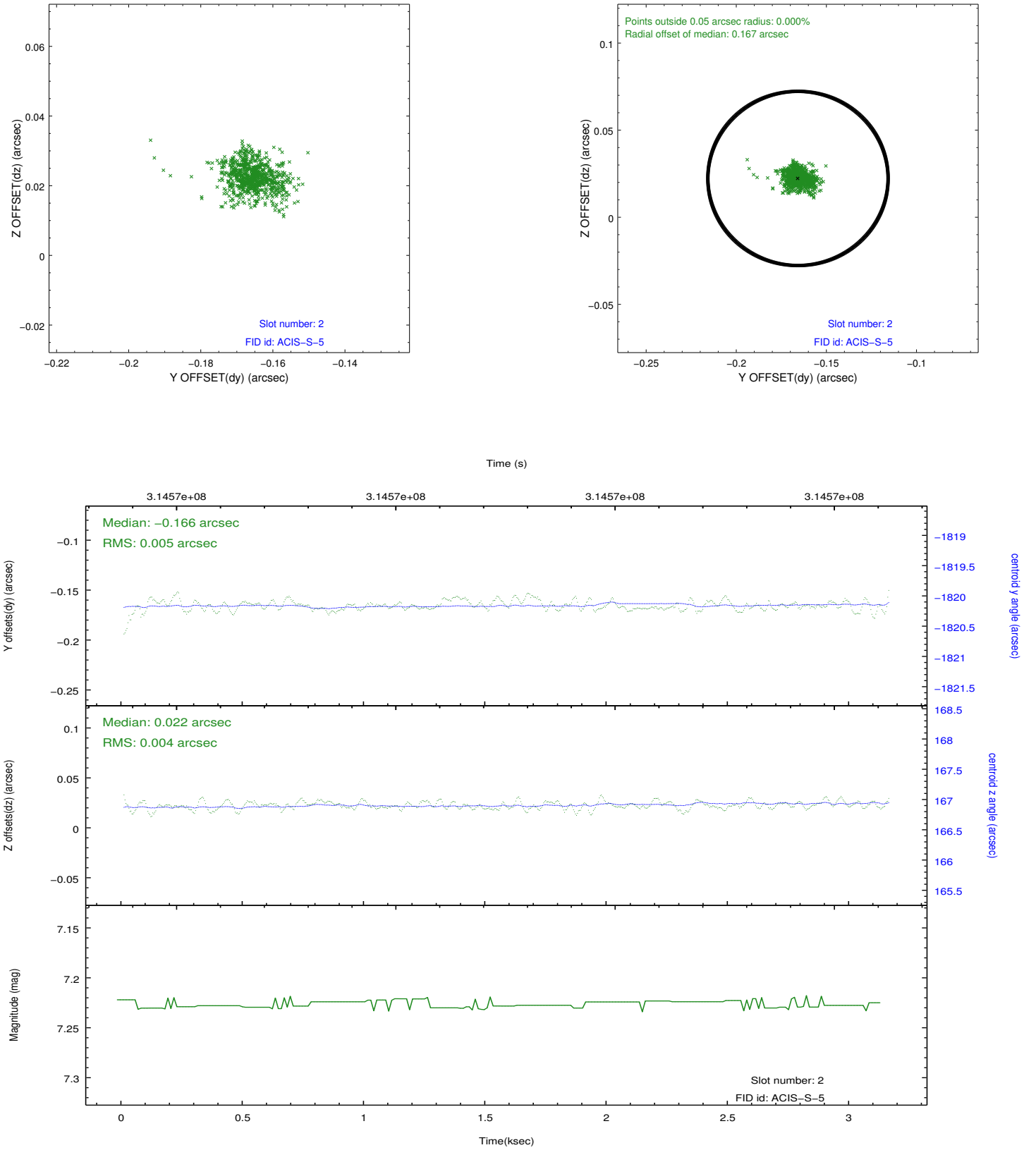
2.5.1 Slot 0



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)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.15009997

A.2 Comments

Joint Proposal: HST+Spitzer