

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9188 - L2 Version 2
Chandra X-Ray Center

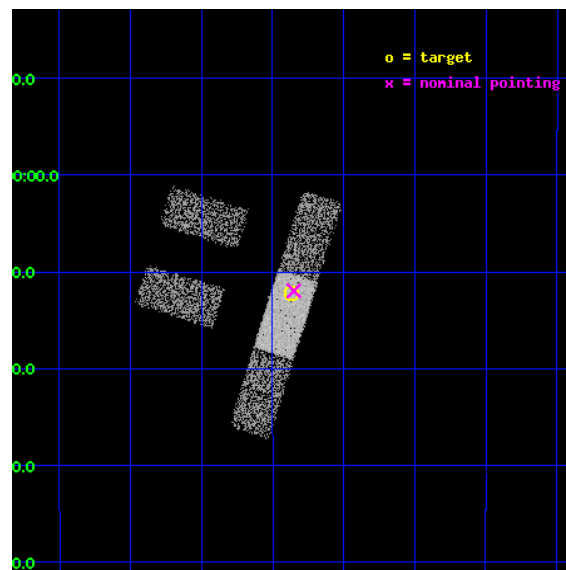
L2 Processing Date : May 14 2012

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1 Front

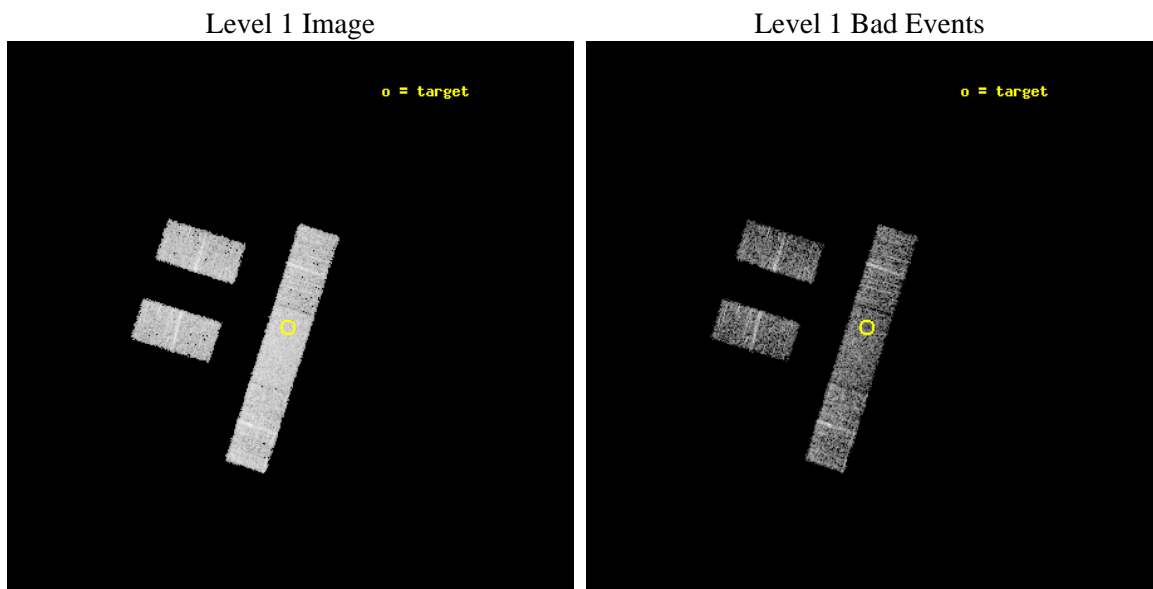
seq_num	701630	Sequence number
obs_id	9188	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S05	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	316.21625	Observer's specified target RA [deg]
dec_targ	-7.202611	Observer's specified target Dec [deg]
ra_nom	316.2125827032	Nominal RA [deg]
dec_nom	-7.1994276119256	Nominal Dec [deg]
roll_nom	107.54087845246	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3178.9999777675	Sum of GTIs [s]
livetime	3104.0642157588	Livetime [s]
ontime2	3178.9999777675	Sum of GTIs [s]
ontime3	3178.9999777675	Sum of GTIs [s]
ontime6	3178.9999777675	Sum of GTIs [s]
ontime7	3178.9999777675	Sum of GTIs [s]
ontime8	3178.9999777675	Sum of GTIs [s]
l2events	16169	Number of level 2 events



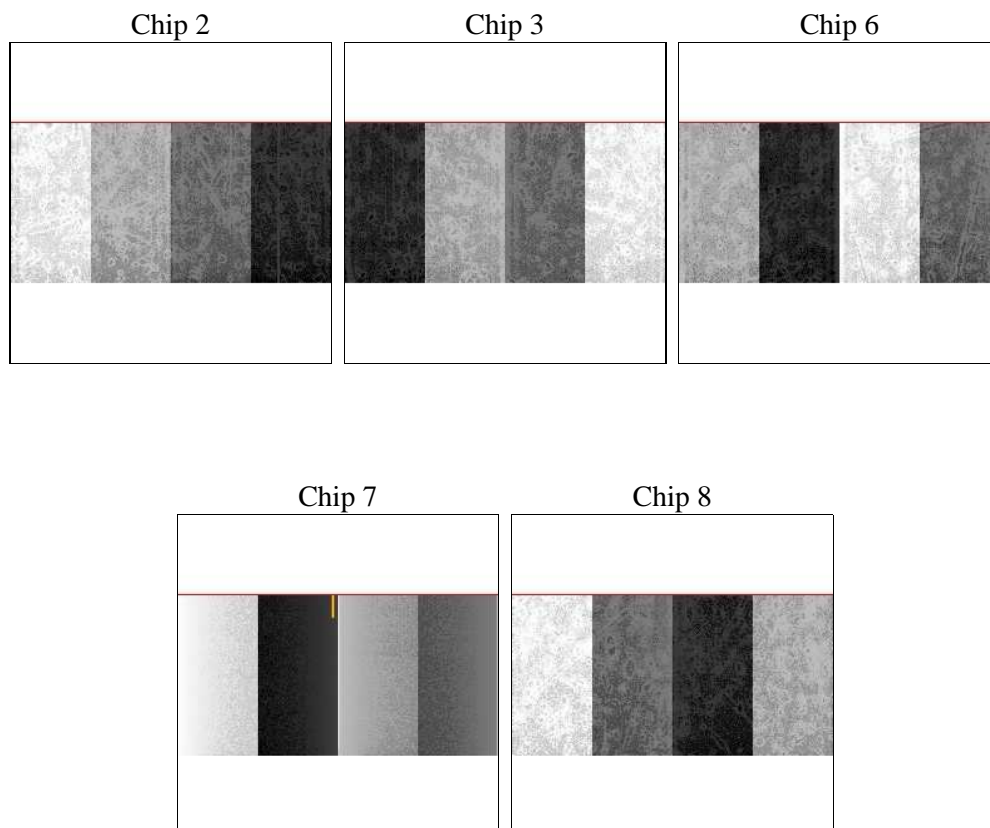
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3178.9999777675	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3178.9999777675	Sum of GTIs [s]
date	2012-05-14T02:39:50	Date and time of file creation	ontime3	3178.9999777675	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3178.9999777675	Sum of GTIs [s]
			ontime7	3178.9999777675	Sum of GTIs [s]
			ontime8	3178.9999777675	Sum of GTIs [s]
			l1events	98062	Number of level 1 events

2.1.4 Events

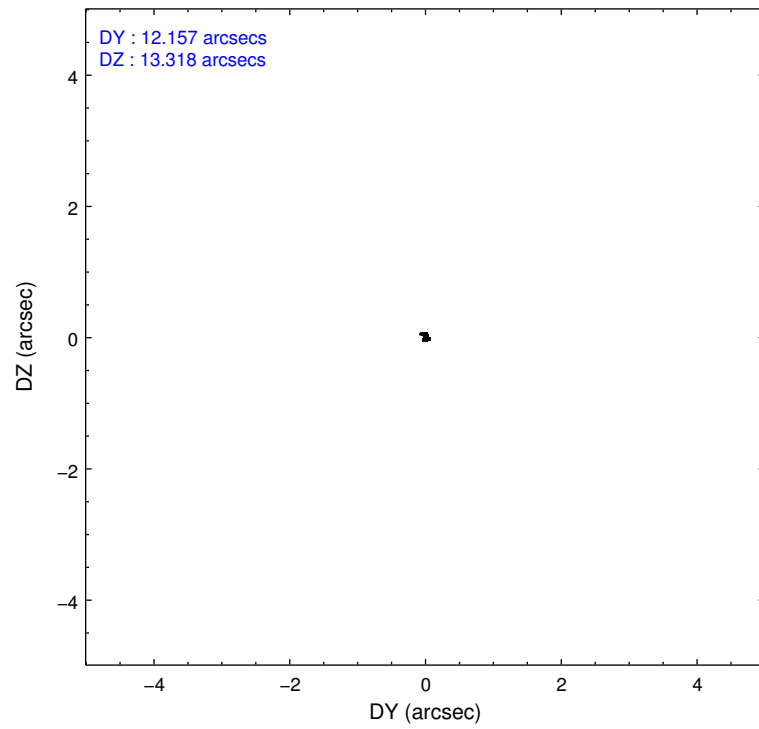
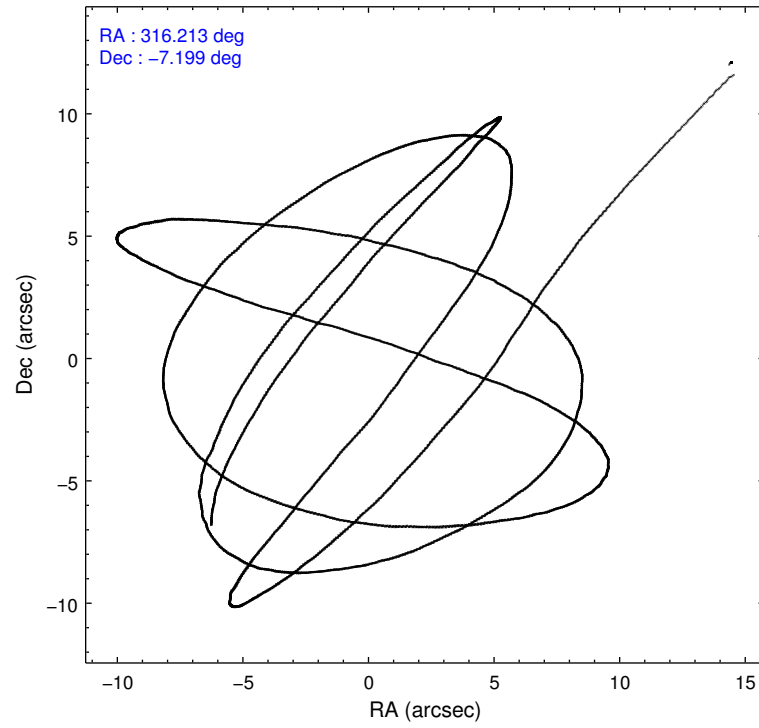
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	16276	17083	17580	23931	23192
rejected events	14386	15221	15538	14433	18542
rejected %	88%	89%	88%	60%	79%

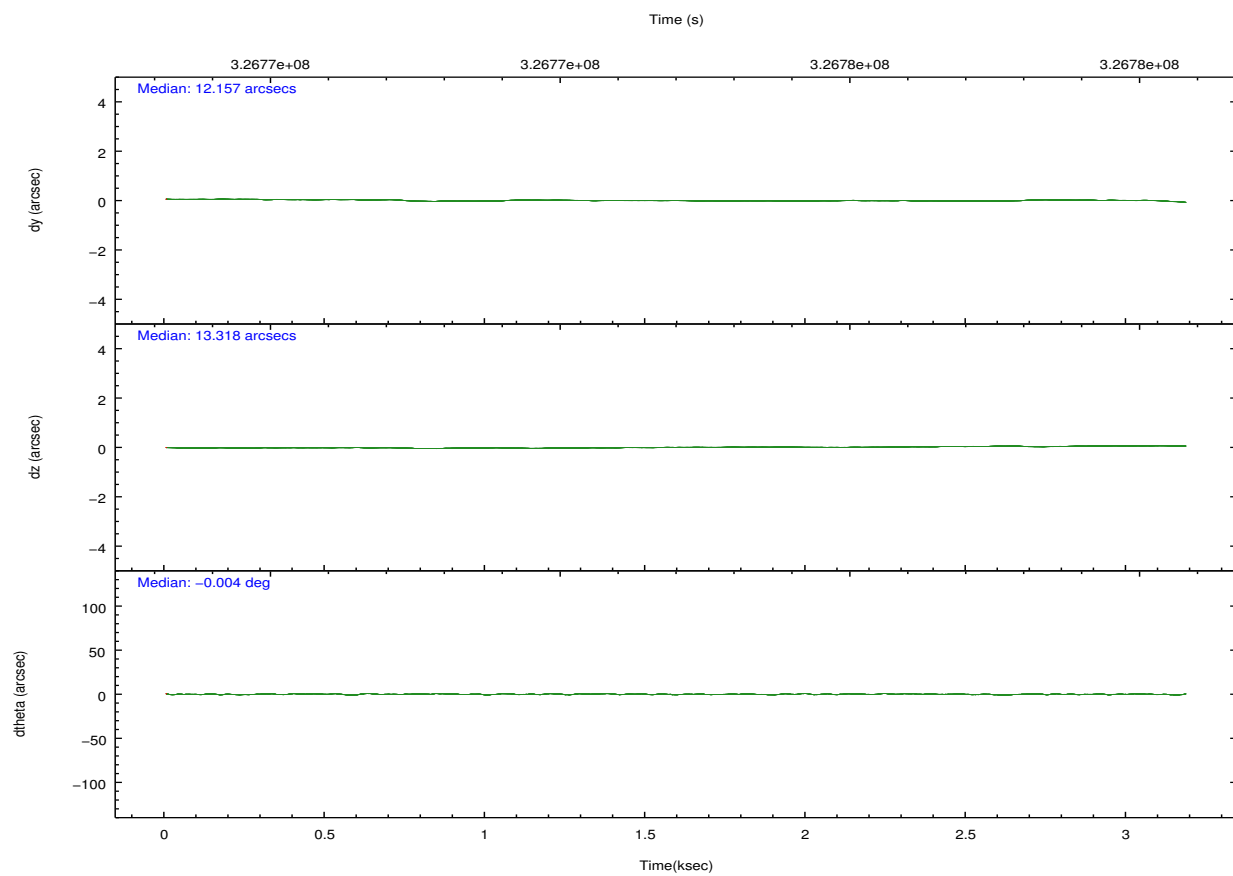
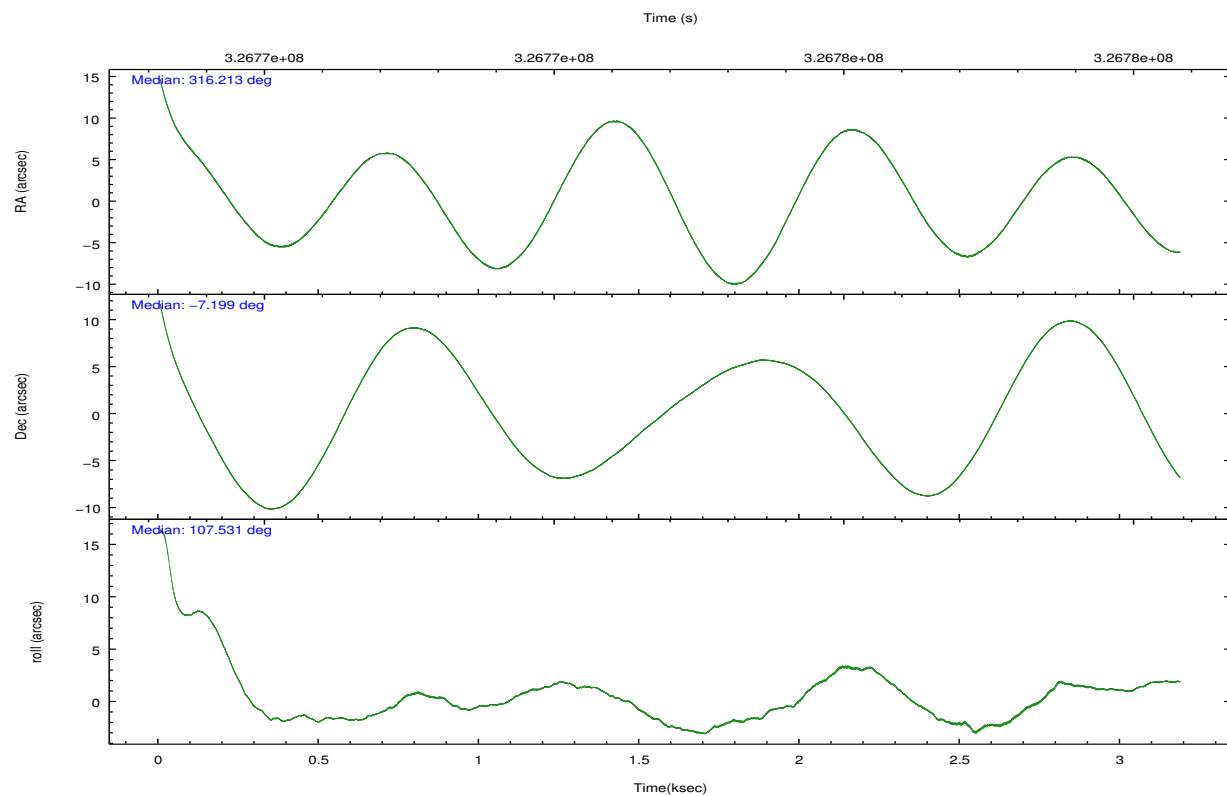
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	831	872	834	1002	1558
	5%	5%	4%	4%	6%
grade 1 events	9	9	7	28	12
	0%	0%	0%	0%	0%
grade 2 events	416	394	458	2073	1153
	2%	2%	2%	8%	4%
grade 3 events	242	230	247	984	531
	1%	1%	1%	4%	2%
grade 4 events	215	186	214	946	535
	1%	1%	1%	3%	2%
grade 5 events	692	763	844	2304	1117
	4%	4%	4%	9%	4%
grade 6 events	338	349	455	5218	1220
	2%	2%	2%	21%	5%
grade 7 events	13533	14280	14521	11376	17066
	83%	83%	82%	47%	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	316.233137	316.2125827031986	CCD I2 on	O1	Y
[deg] Pointing Dec	-7.217622	-7.199427611925642	CCD I3 on	Y	Y
[deg] Pointing Roll	107.386799	107.5408784524612	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)	326772990.184000	326772053.27402	CCD S5 on	N	N
Observation start date	2008-05-10T02:15:25	2008-05-10T02:00:53	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	326775990.184000	326776682.68675	On-chip summing requested	N	N
Observation end date	2008-05-10T03:05:25	2008-05-10T03:18:02	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



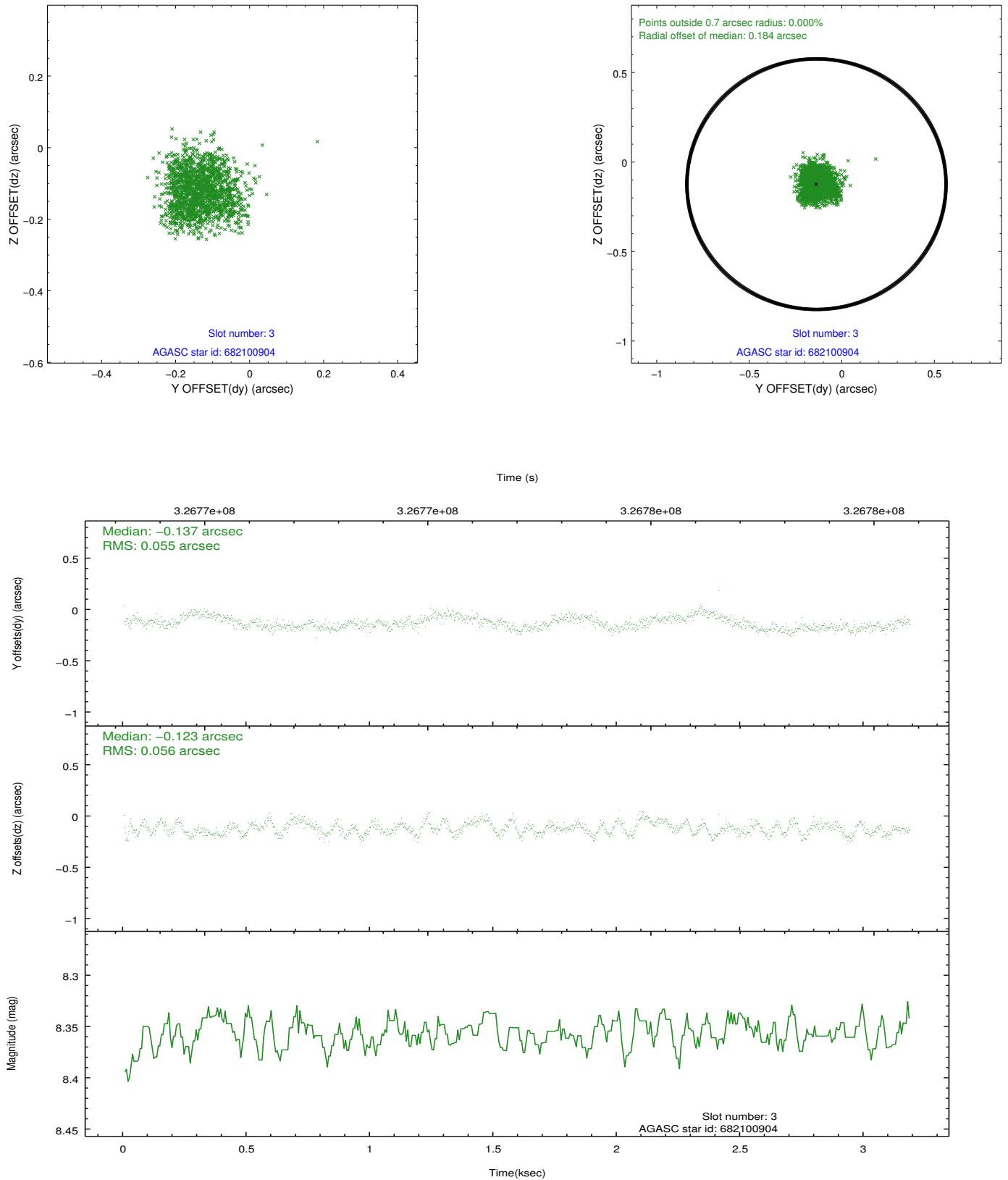


Slot Statistics

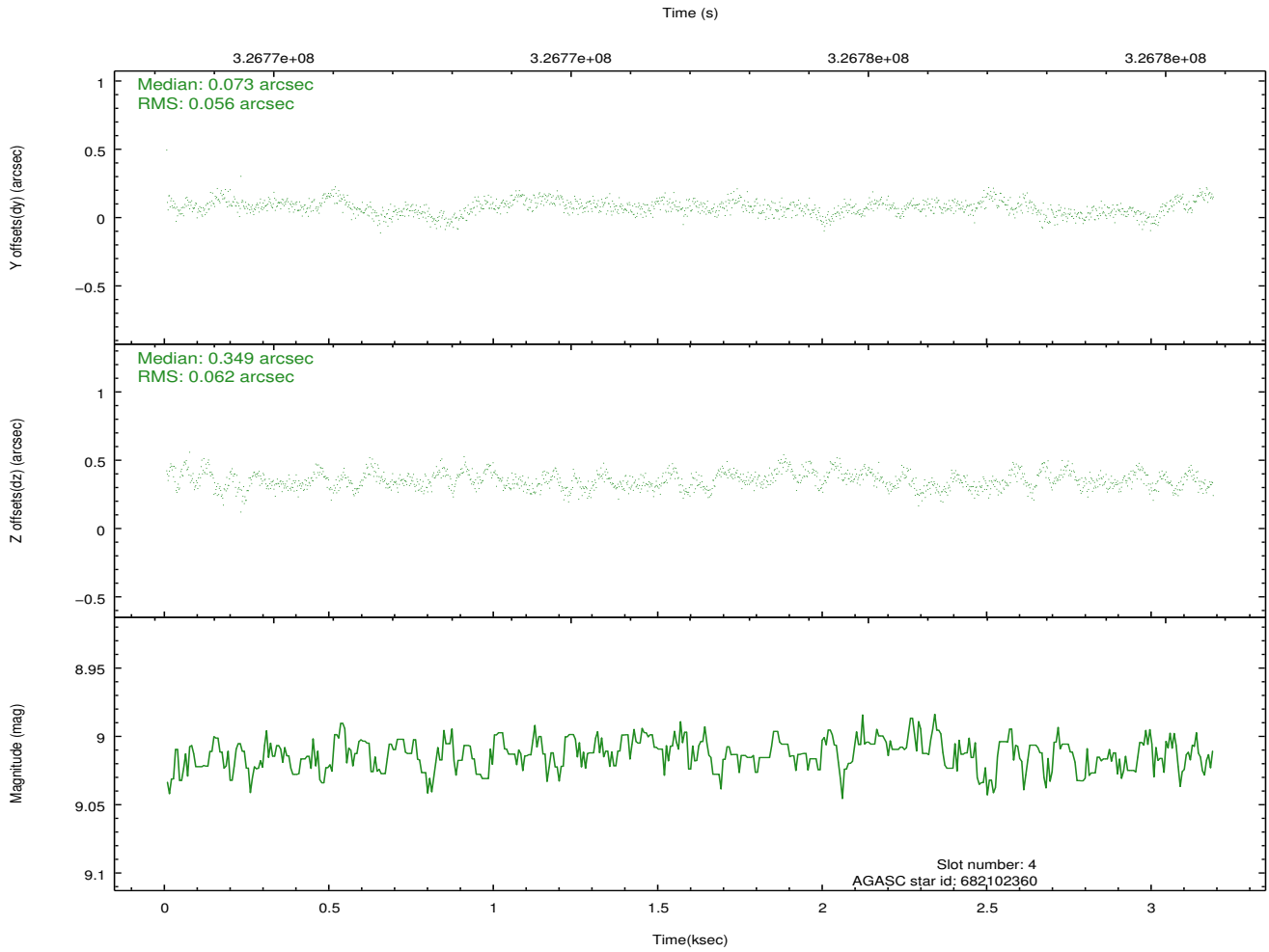
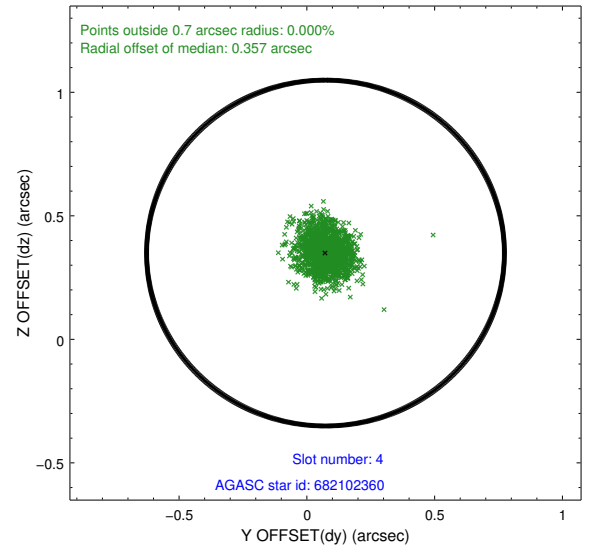
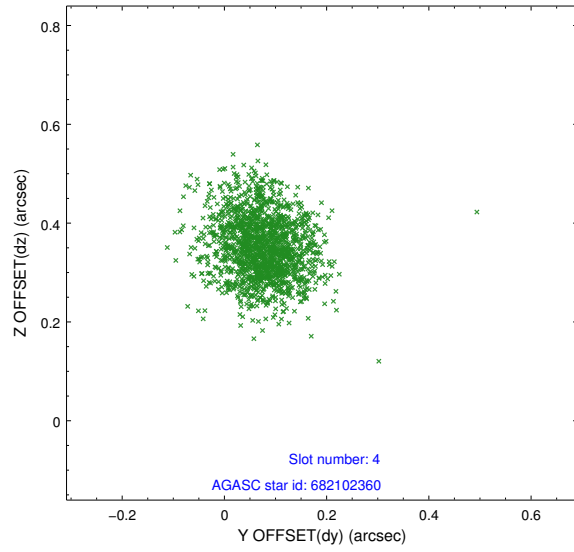
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.98	777	0.065	-0.024	0.006	0.011	0.000000	0.000000	931.01	-1730.27
1	FID	ACIS-S-4	6.98	777	0.064	-0.010	0.005	0.009	0.000000	0.000000	2149.56	171.82
2	FID	ACIS-S-5	7.01	777	-0.156	0.047	0.005	0.009	0.000000	0.000000	-1815.49	167.79
3	GUIDE	682100904	8.36	1551	-0.137	-0.123	0.084	0.130	315.739109	-7.321488	169.10	1795.12
4	GUIDE	682102360	9.01	1548	0.073	0.349	0.090	0.143	316.772561	-7.204240	-530.29	-1850.90
5	GUIDE	682102776	8.97	1552	-0.040	0.239	0.083	0.126	316.665470	-7.404879	-1105.21	-1272.01
6	GUIDE	682103112	8.14	1553	-0.109	-0.062	0.080	0.128	316.102938	-7.048664	718.58	261.70
7	GUIDE	756296152	9.24	1549	0.215	-0.406	0.091	0.142	315.797599	-7.793884	-1515.81	2102.56

2.4 Star Slots

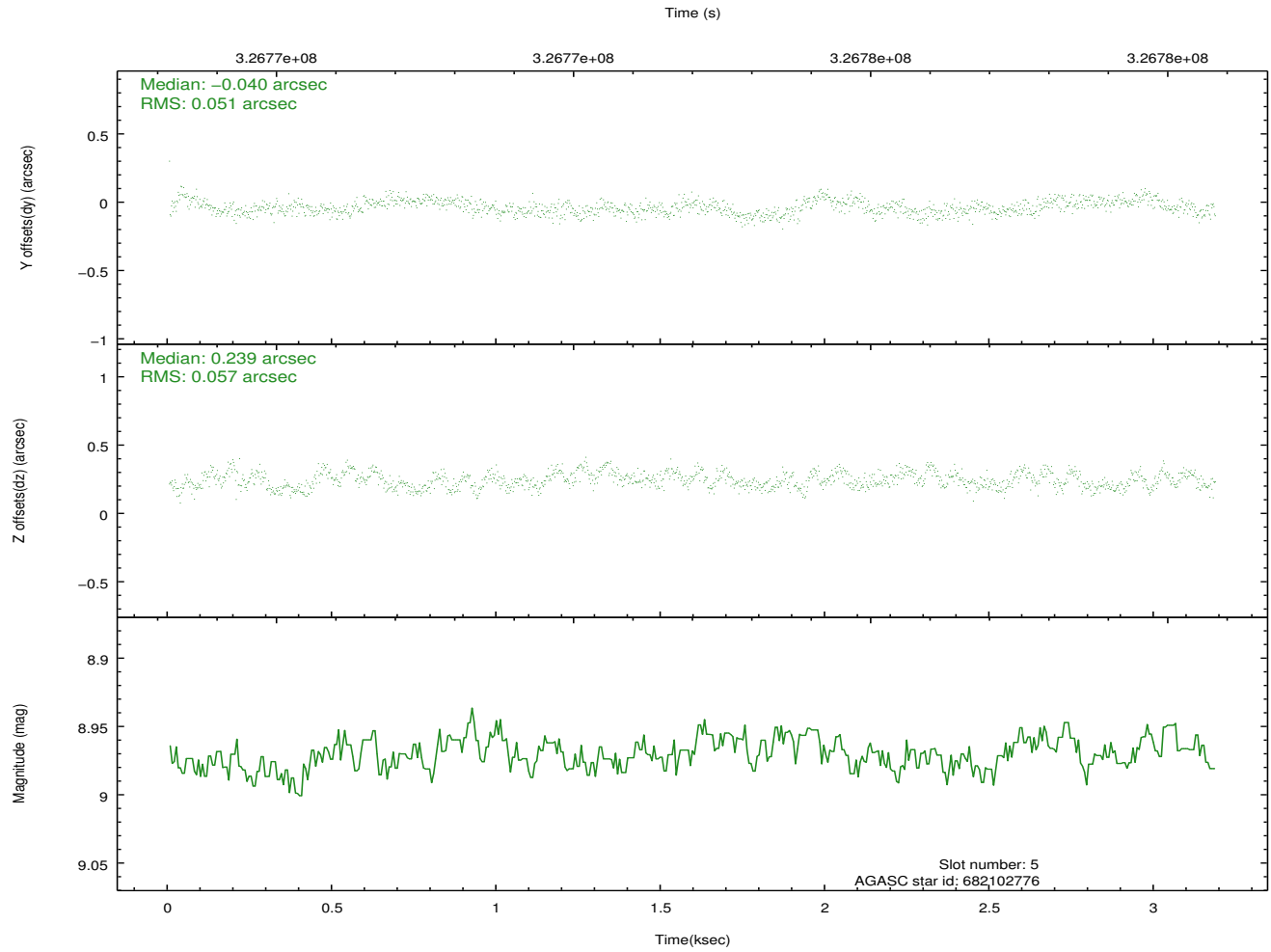
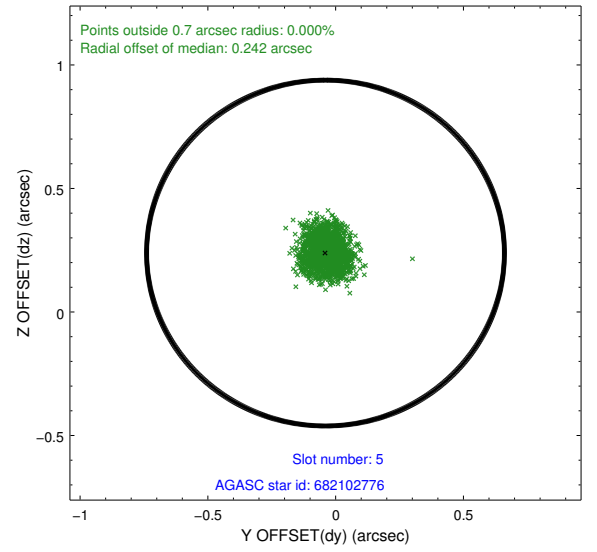
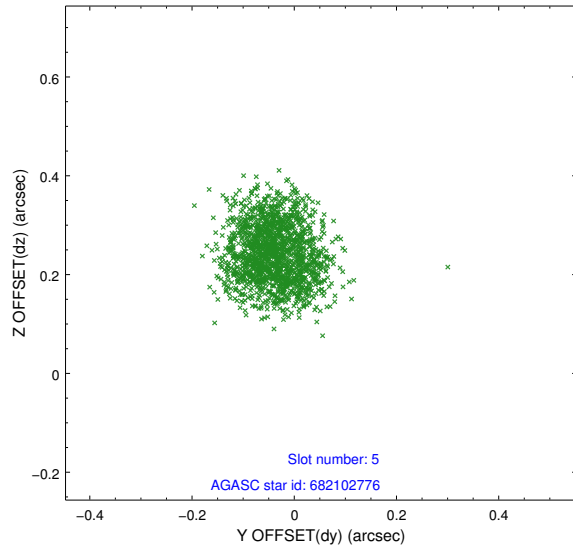
2.4.1 Slot 3



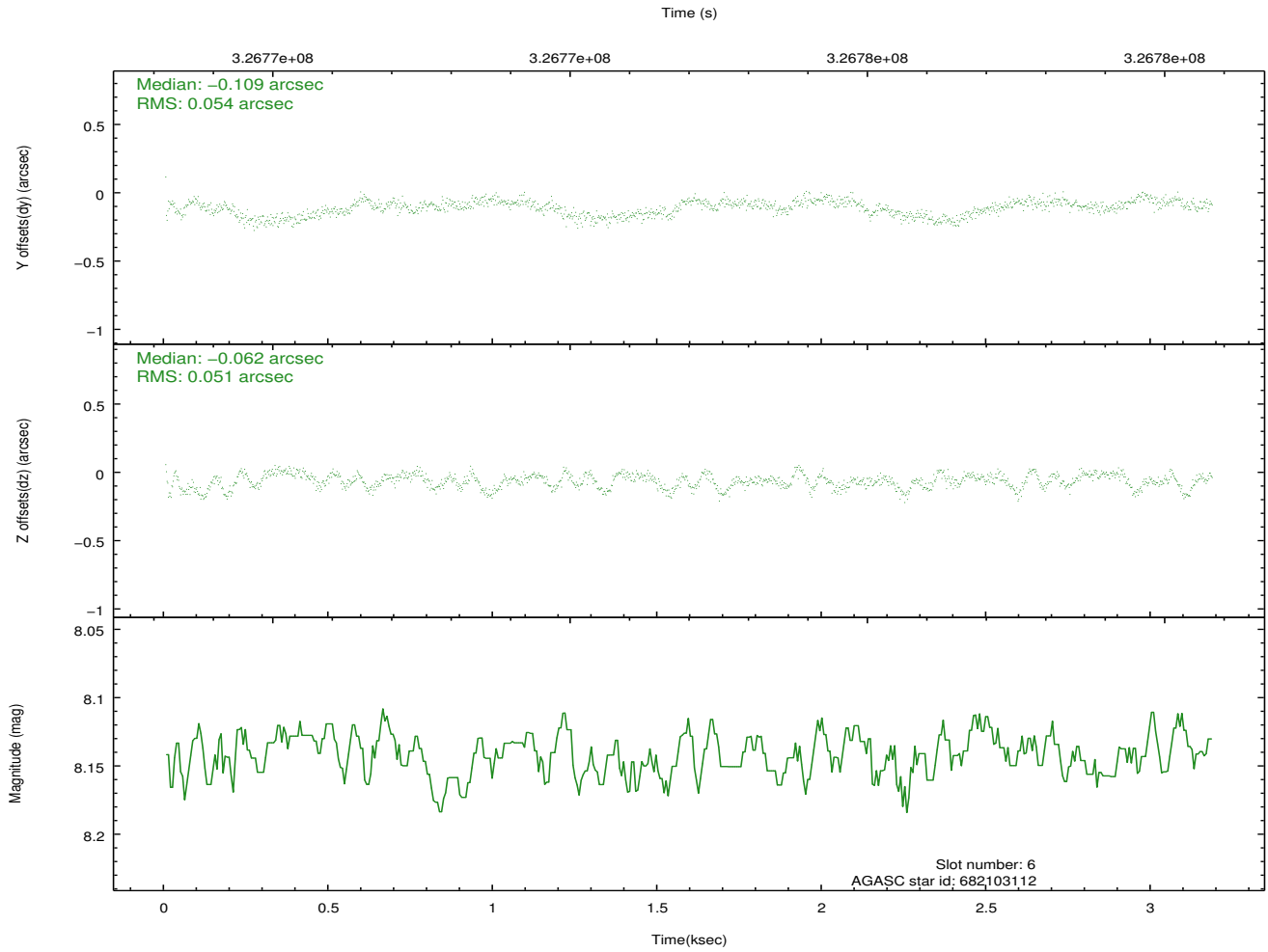
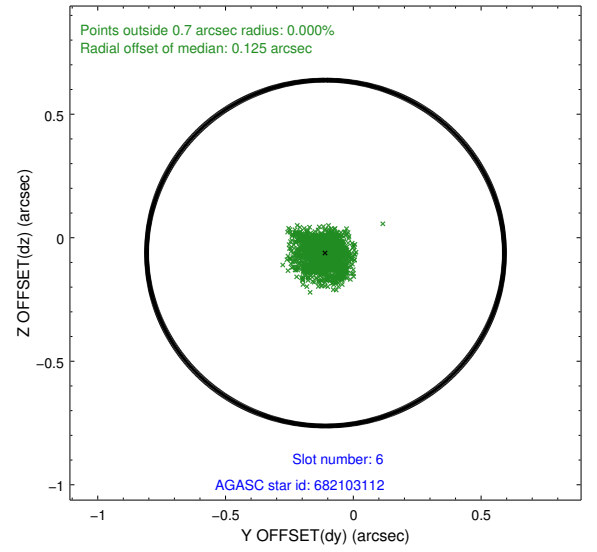
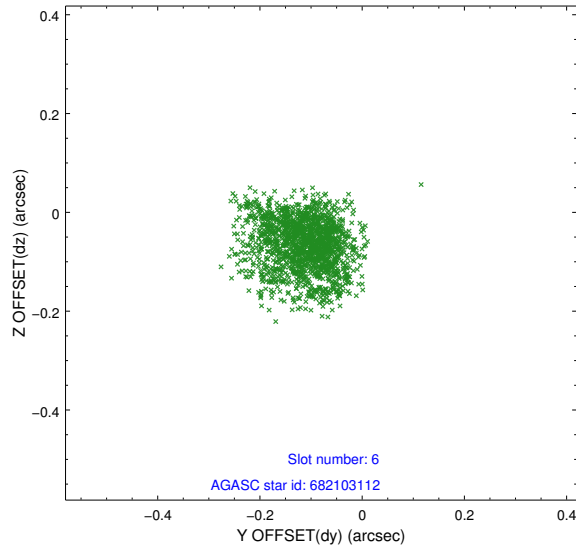
2.4.2 Slot 4



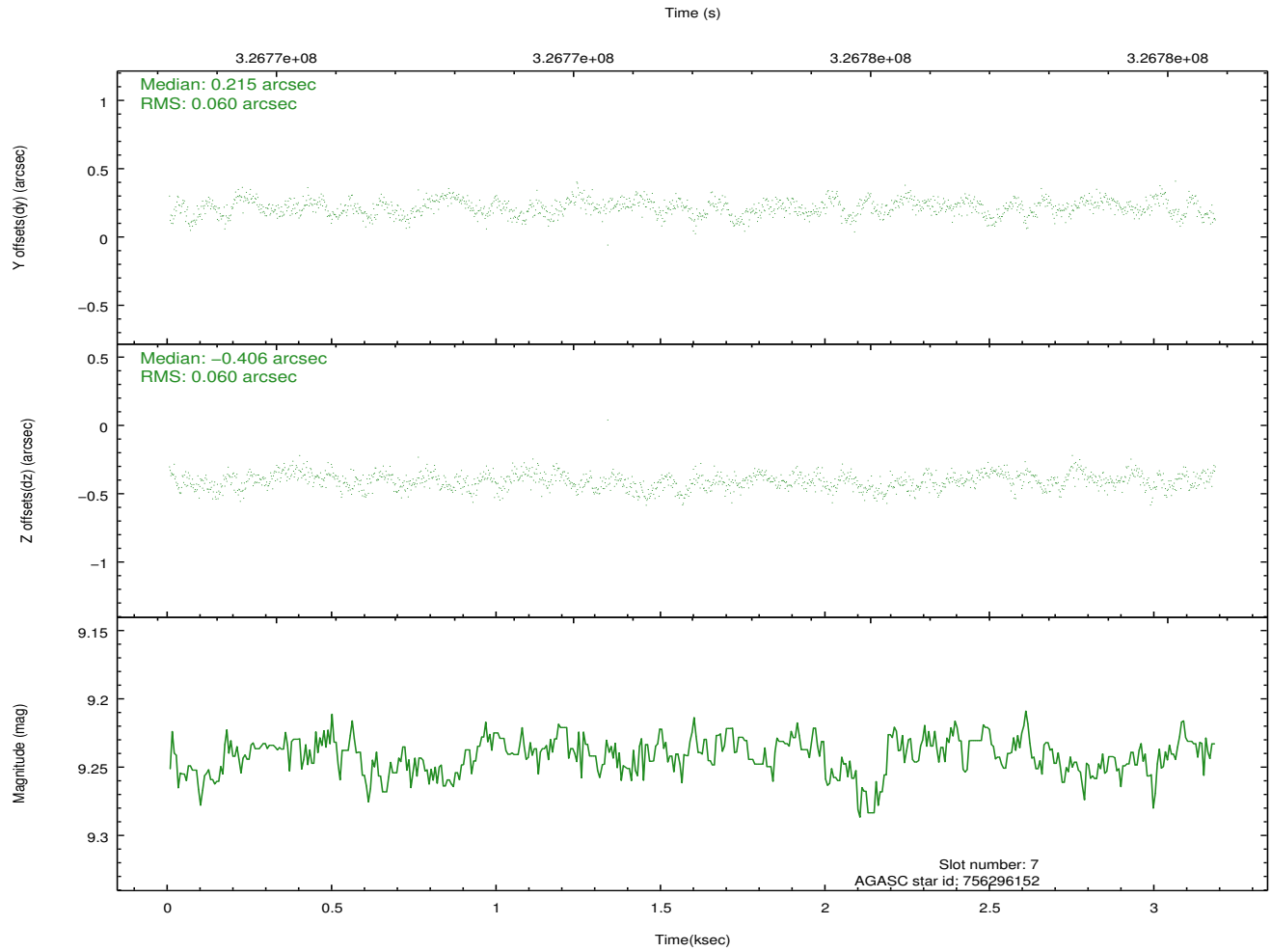
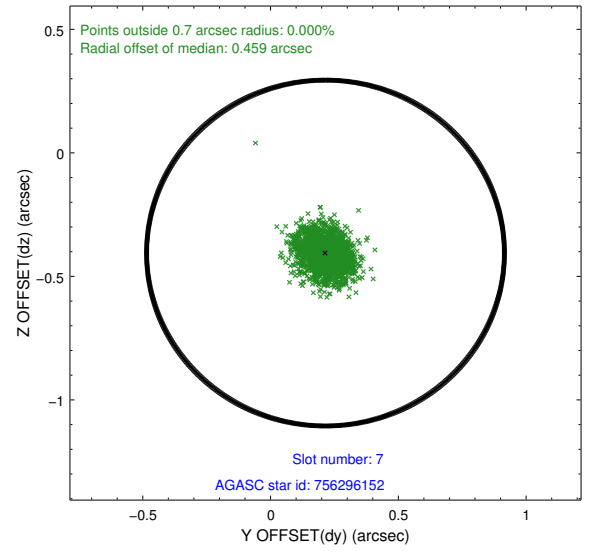
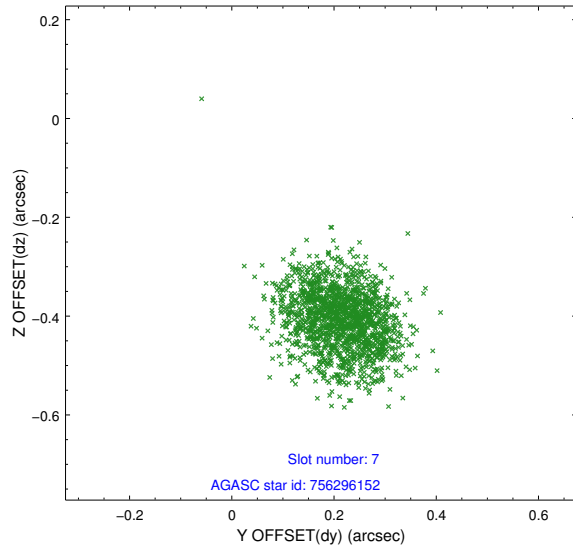
2.4.3 Slot 5



2.4.4 Slot 6

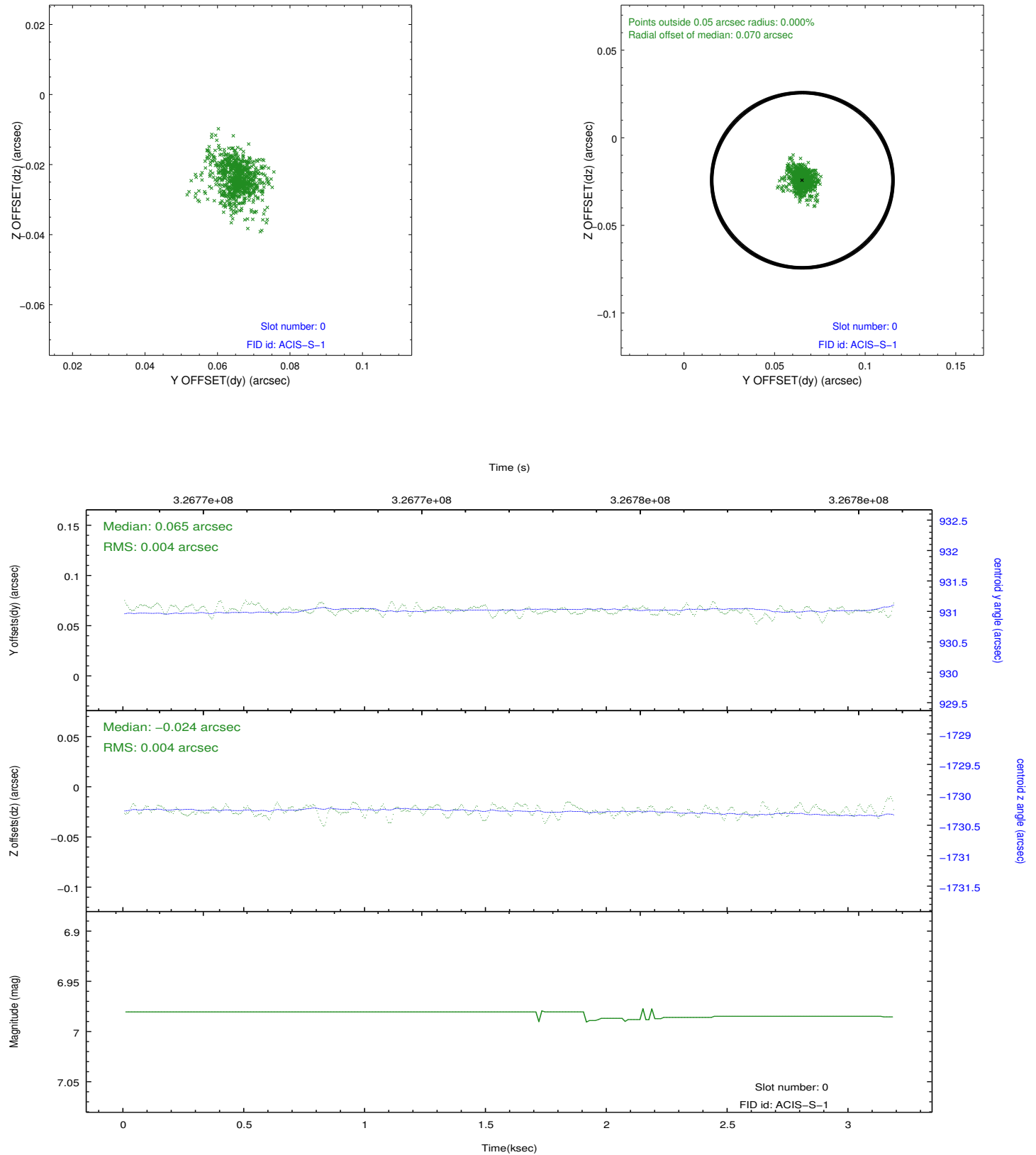


2.4.5 Slot 7

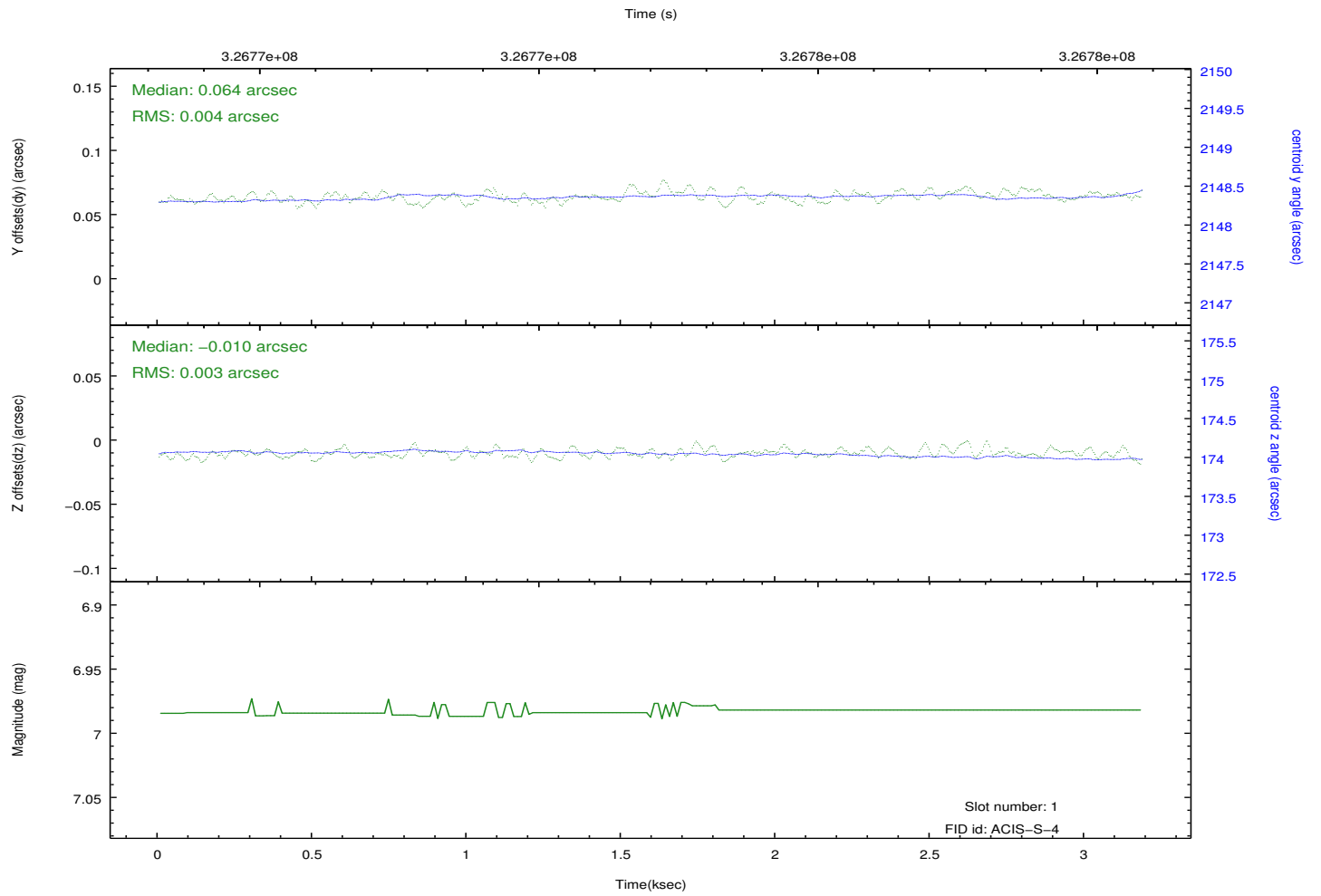
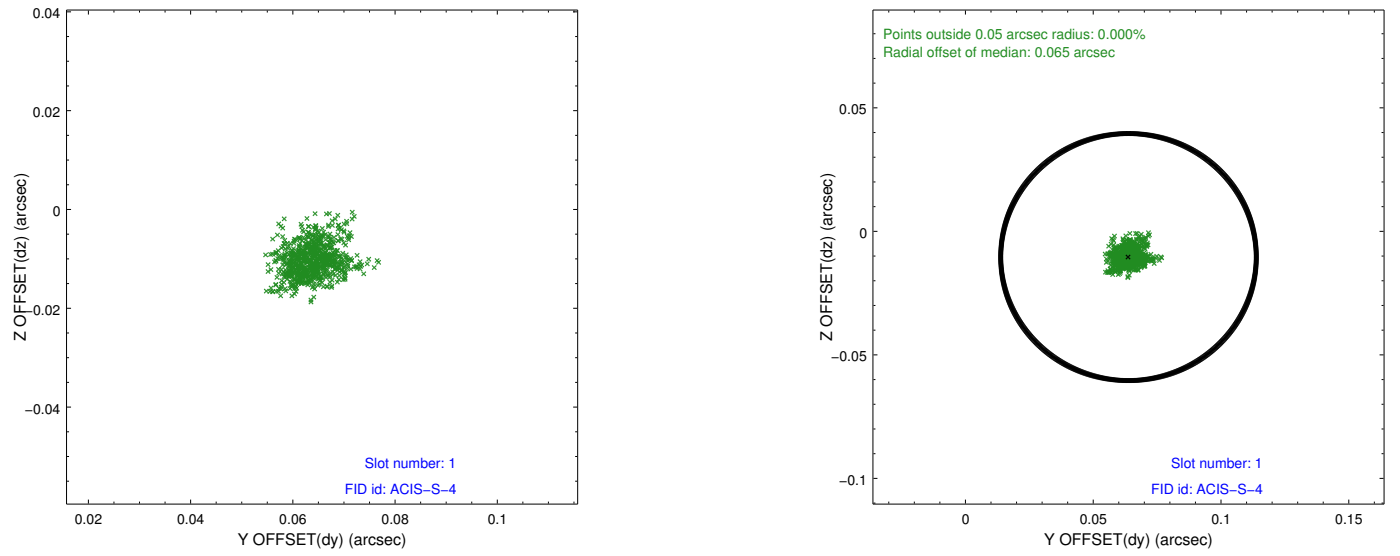


2.5 FID Slots

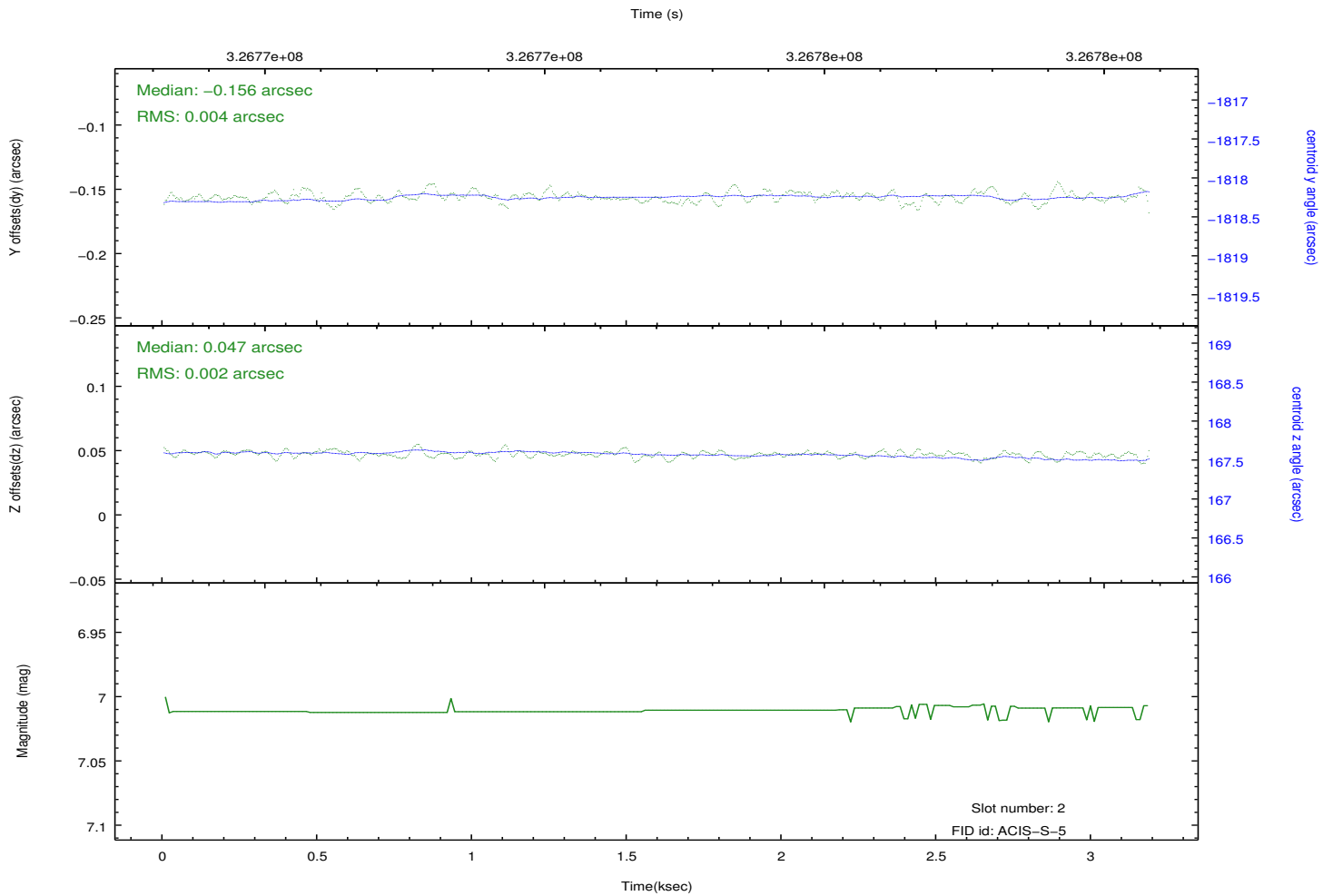
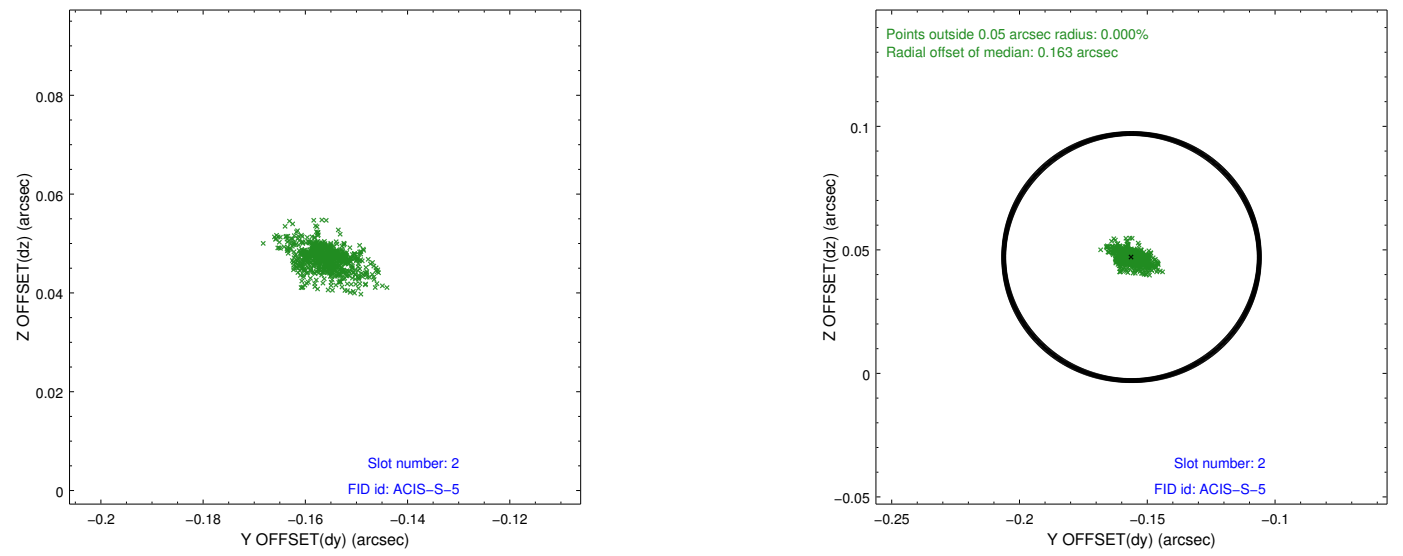
2.5.1 Slot 0



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	3.17899997

A.2 Comments

Joint proposal with HST and Spitzer.