

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6906 - L2 Version 2
Chandra X-Ray Center

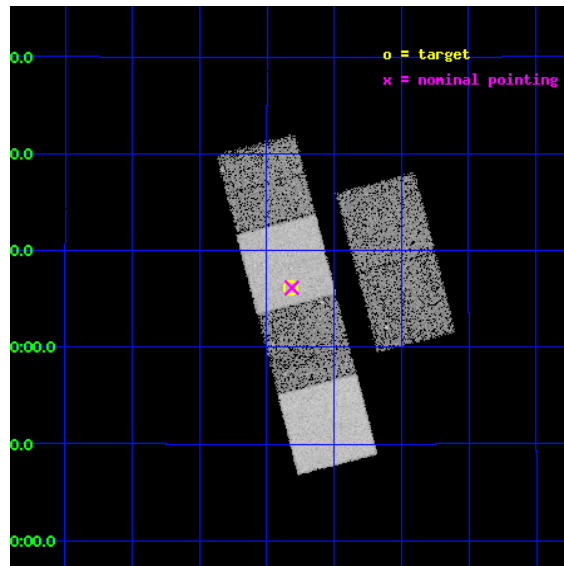
L2 Processing Date : Apr 5 2012

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1 Front

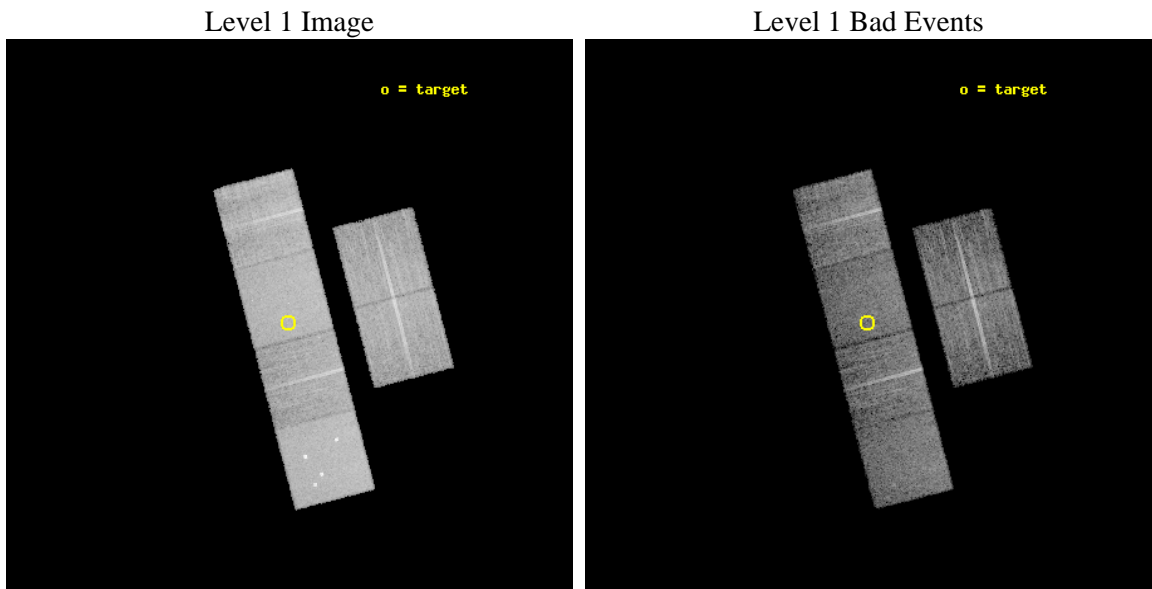
seq_num	701322	Sequence number
obs_id	6906	Observation id
title	Are Submm-Bright GRB Hosts Powered by AGN?	Proposal title
observer	Dr. Andrew Fruchter	Principal investigator
object	GRB 000418	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.330417	Observer's specified target RA [deg]
dec_targ	20.103222	Observer's specified target Dec [deg]
ra_nom	186.32840265299	Nominal RA [deg]
dec_nom	20.102376482219	Nominal Dec [deg]
roll_nom	255.38466426915	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7902.5029120445	Sum of GTIs [s]
livetime	7802.4366618562	Livetime [s]
ontime2	7899.3029917479	Sum of GTIs [s]
ontime3	7902.3797920346	Sum of GTIs [s]
ontime5	7902.4618720412	Sum of GTIs [s]
ontime6	7902.4208320379	Sum of GTIs [s]
ontime7	7902.5029120445	Sum of GTIs [s]
ontime8	7902.3387520313	Sum of GTIs [s]
l2events	114433	Number of level 2 events



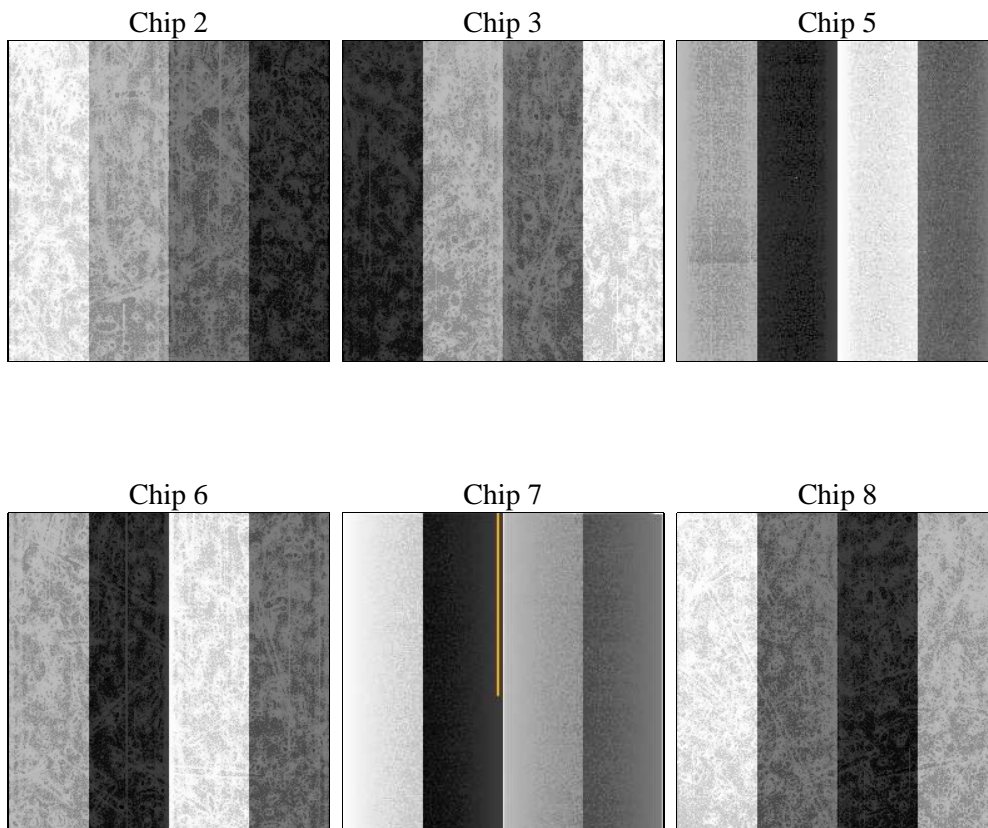
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7950.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	7902.5029120445	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	7899.3029917479	Sum of GTIs [s]
date	2012-04-05T11:19:42	Date and time of file creation	ontime3	7902.3797920346	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	7902.4618720412	Sum of GTIs [s]
			ontime6	7902.4208320379	Sum of GTIs [s]
			ontime7	7902.5029120445	Sum of GTIs [s]
			ontime8	7902.3387520313	Sum of GTIs [s]
			l1events	500140	Number of level 1 events

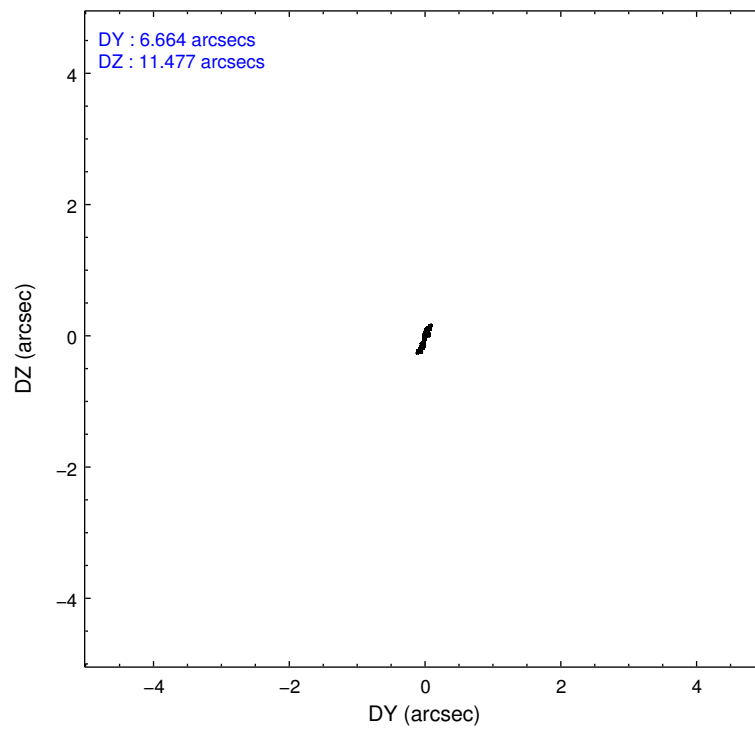
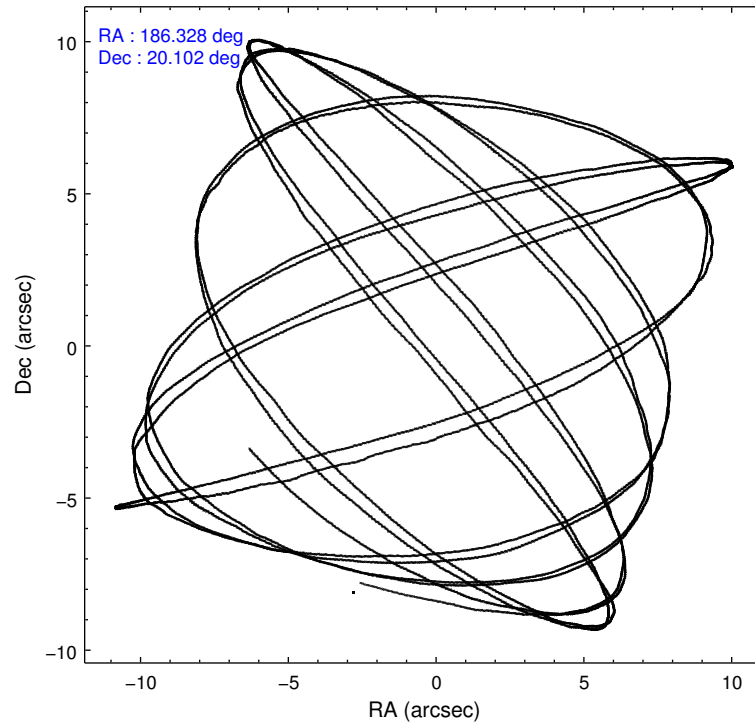
2.1.4 Events

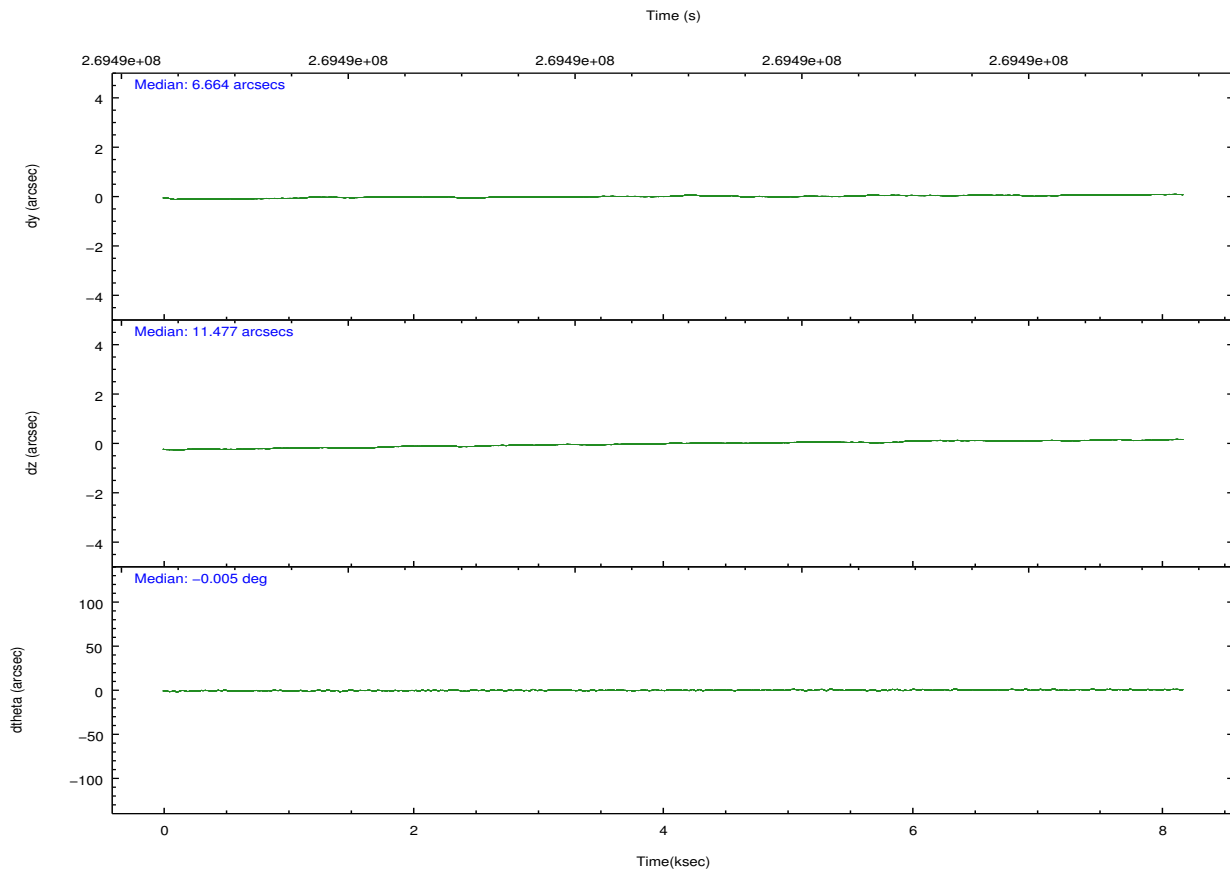
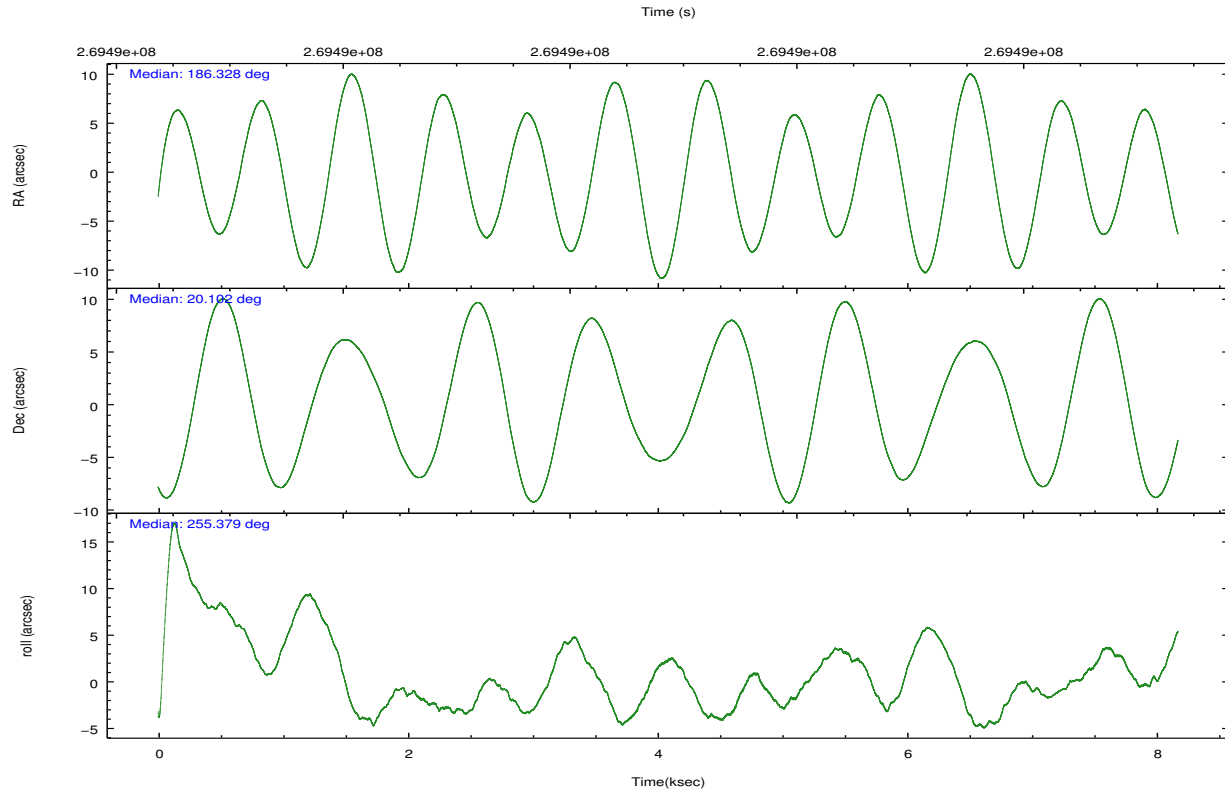
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	70280	67762	108580	68463	95657	89398	grade 0 events	3716	3541	7312	3338	3533	6236
rejected events	62137	59644	57362	60073	55889	69888		5%	5%	6%	4%	3%	6%
rejected %	88%	88%	52%	87%	58%	78%	grade 1 events	59	41	262	45	95	54
								0%	0%	0%	0%	0%	0%
							grade 2 events	1619	1605	14711	1842	8201	4388
								2%	2%	13%	2%	8%	4%
							grade 3 events	747	765	1769	800	3511	2042
								1%	1%	1%	1%	3%	2%
							grade 4 events	756	799	1750	783	3339	1951
								1%	1%	1%	1%	3%	2%
							grade 5 events	2712	3101	7840	3264	9248	4258
								3%	4%	7%	4%	9%	4%
							grade 6 events	1307	1413	25734	1636	21210	4903
								1%	2%	23%	2%	22%	5%
							grade 7 events	59364	56497	49202	56755	46520	65566
								84%	83%	45%	82%	48%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	186.320283	186.3284026529851	Subarray requested	NONE	NONE
[deg] Pointing Dec	20.128593	20.10237648221906	Alternating exposures requested	N	N
[deg] Pointing Roll	255.230867	255.3846642691523	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	269486998.184000	269486017.72152			
Observation start date	2006-07-17T01:28:53	2006-07-17T01:13:37			
[s] Observation end time (MET)	269494948.184000	269495908.97198			
Observation end date	2006-07-17T03:41:23	2006-07-17T03:58:28			
Read mode	TIMED	TIMED			

2.3 Aspect



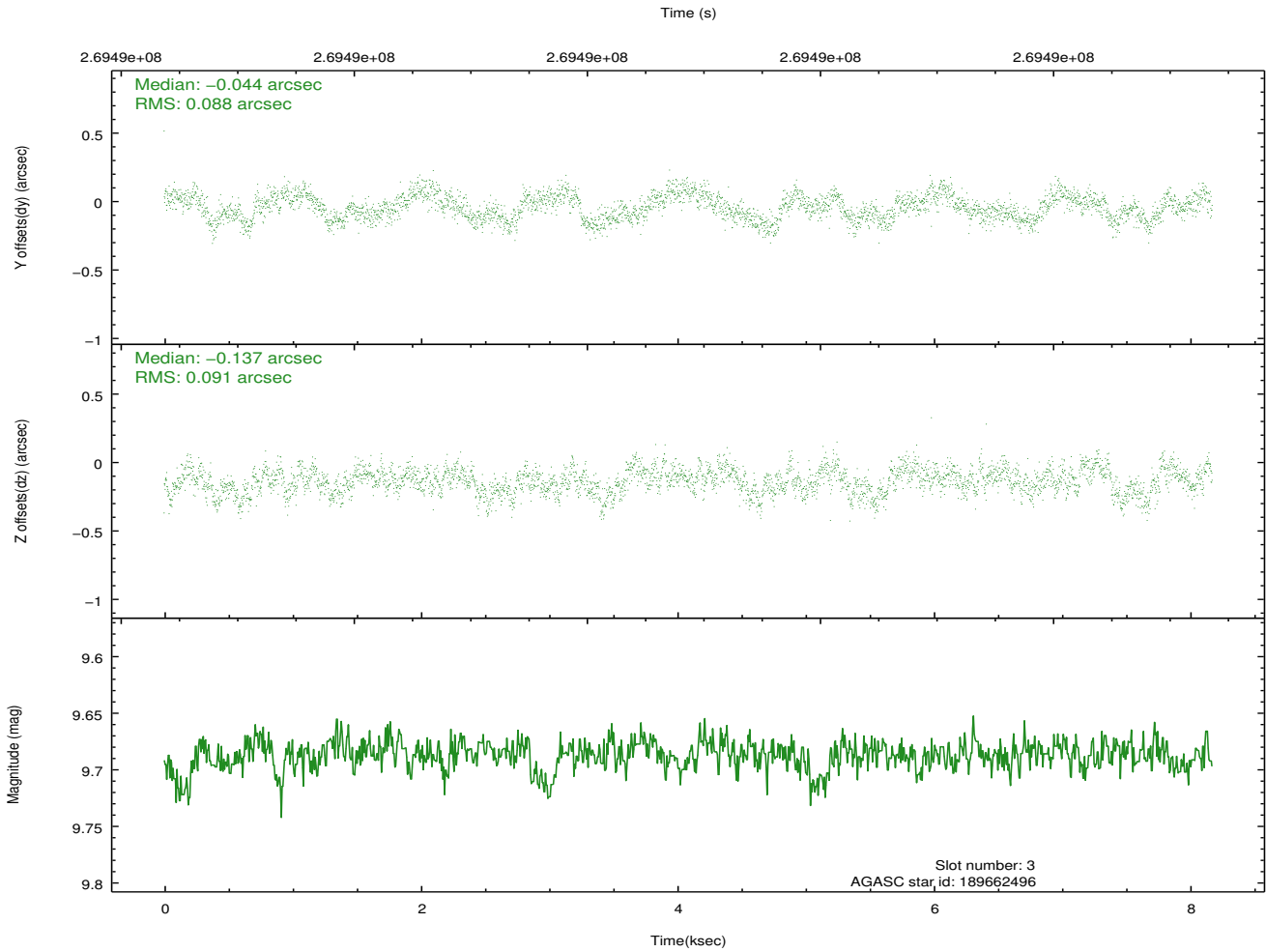
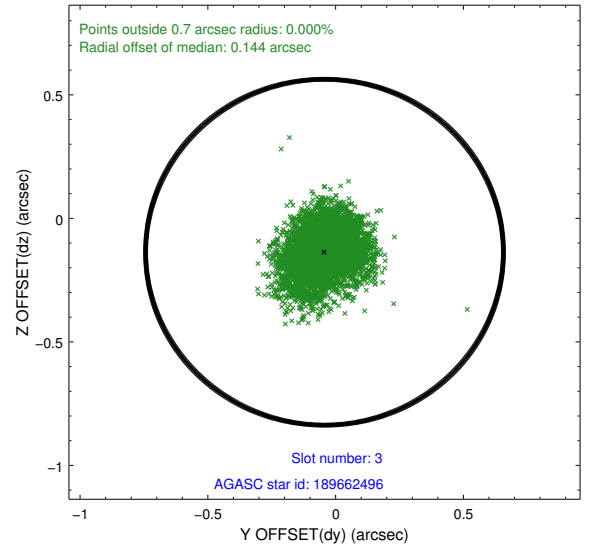
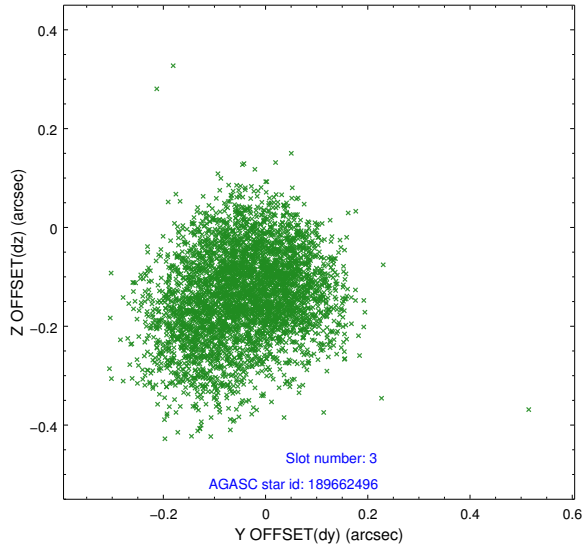


Slot Statistics

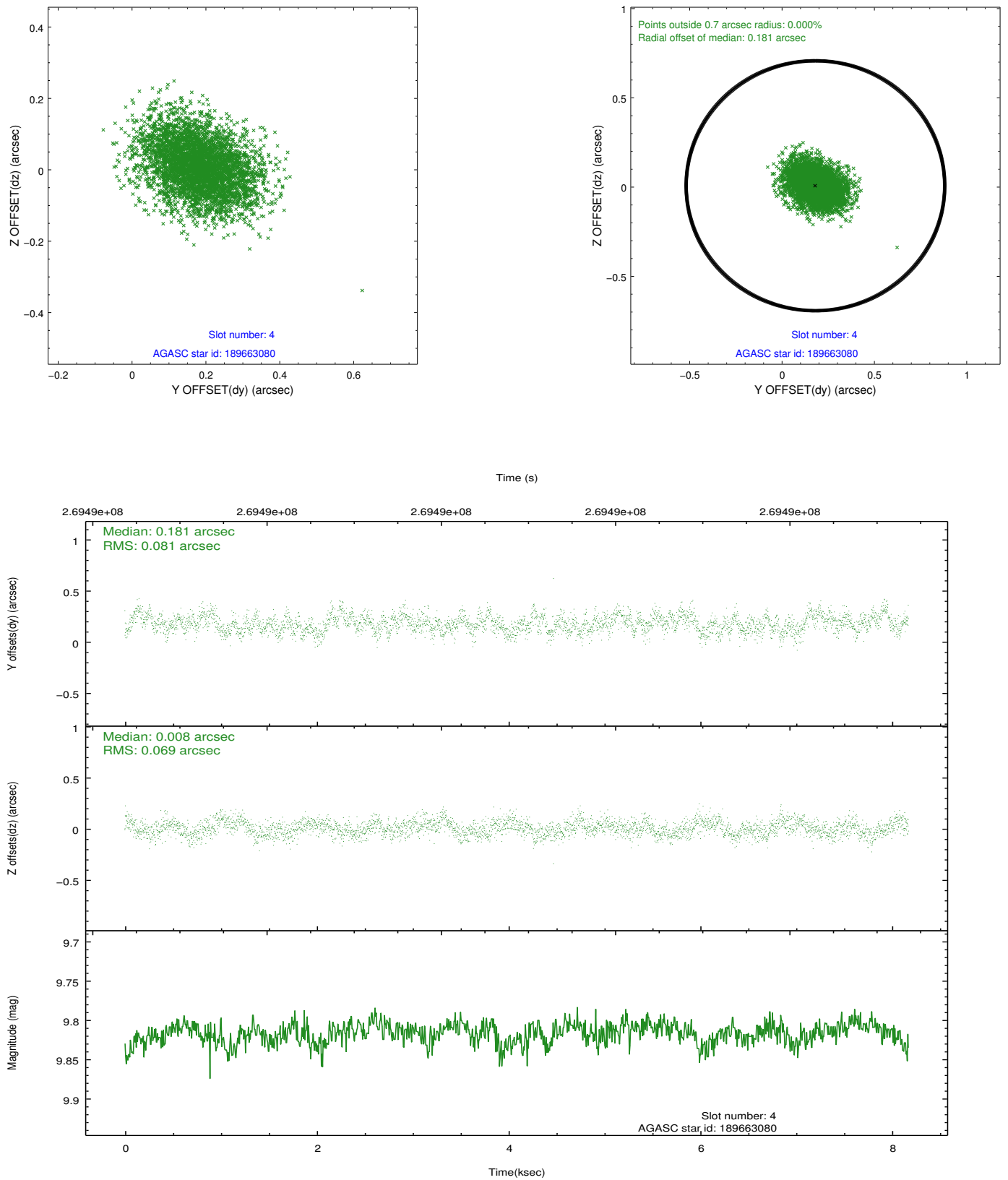
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1994	-0.054	-0.030	0.007	0.012	0.000000	0.000000	-759.44	-1732.77
1	FID	ACIS-S-4	7.21	1994	0.100	0.034	0.006	0.011	0.000000	0.000000	2153.66	175.10
2	FID	ACIS-S-5	7.23	1994	-0.078	0.004	0.007	0.011	0.000000	0.000000	-1811.45	169.48
3	GUIDE	189662496	9.69	3980	-0.044	-0.137	0.137	0.209	185.861900	20.290844	-170.76	-1648.56
4	GUIDE	189663080	9.82	3977	0.181	0.008	0.113	0.183	186.481563	19.730719	1245.77	893.31
5	GUIDE	189663424	9.30	3983	-0.084	0.100	0.094	0.152	186.825866	20.078365	-262.98	1698.63
6	GUIDE	189665280	8.00	3984	0.004	0.026	0.079	0.130	185.836105	19.659938	2048.24	-1157.18
7	GUIDE	189668856	10.40	3980	-0.062	-0.005	0.177	0.279	186.584163	20.568411	-1757.20	455.79

2.4 Star Slots

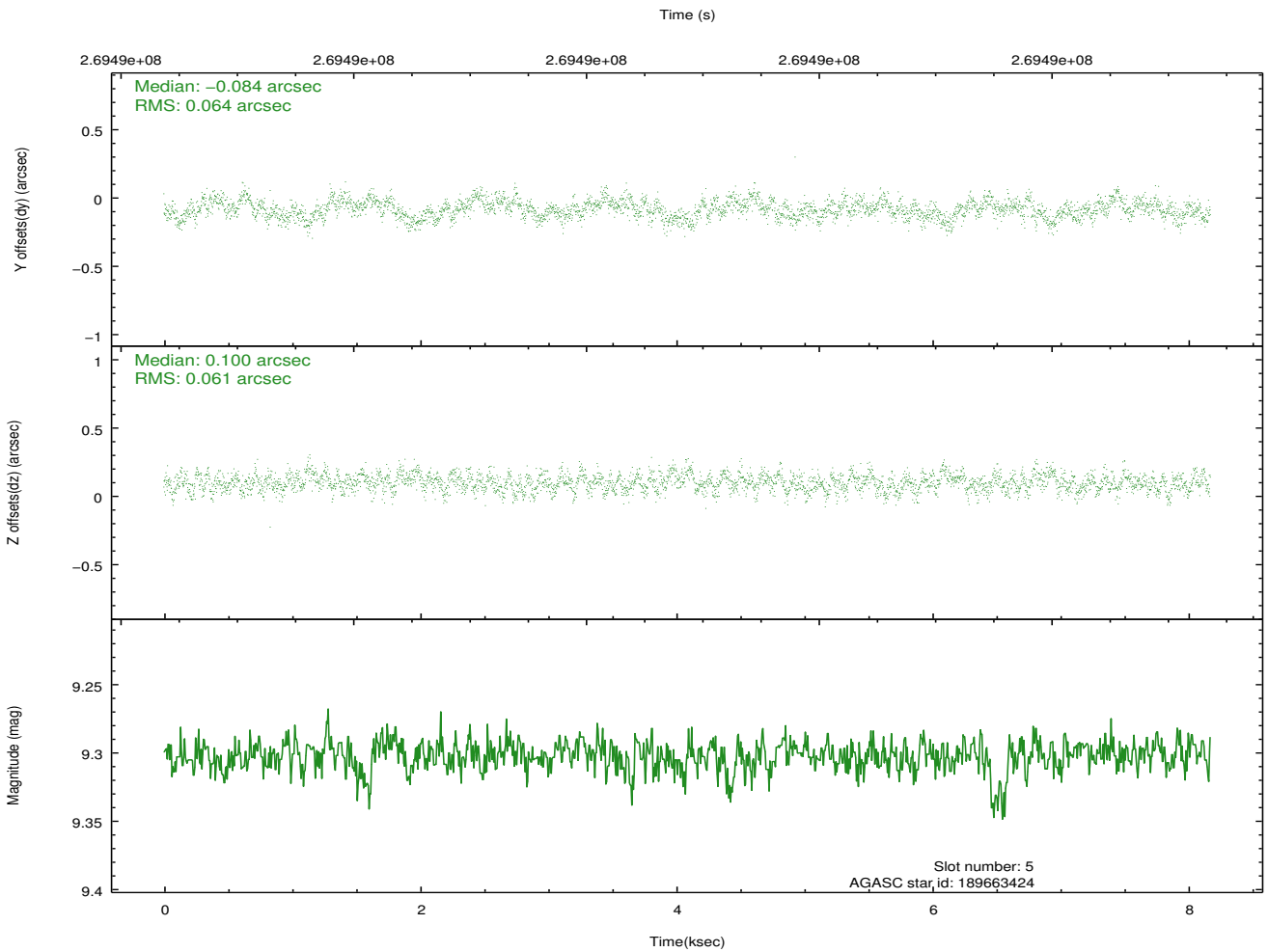
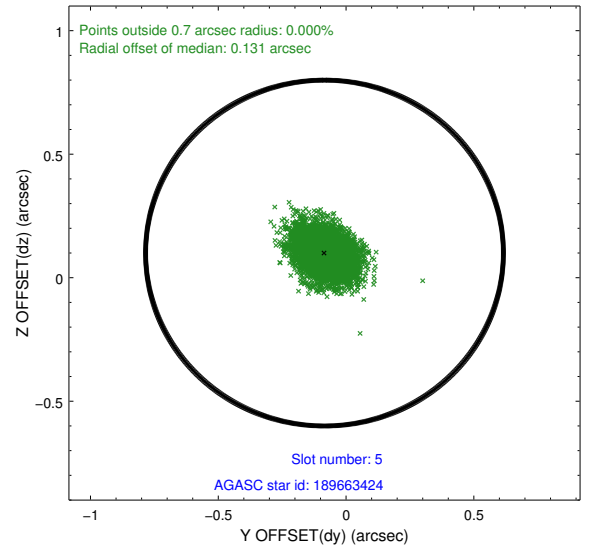
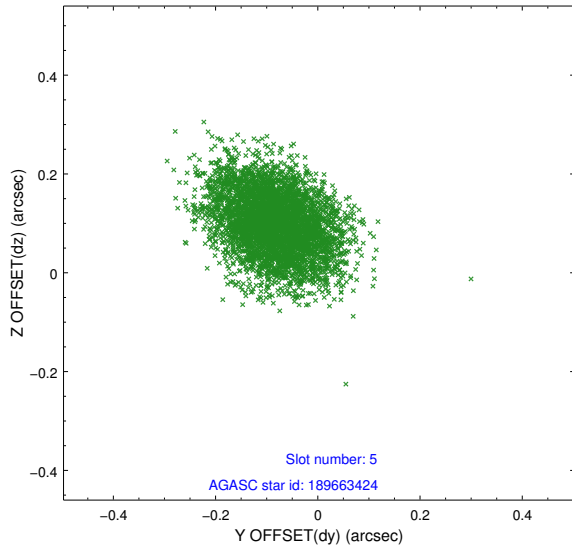
2.4.1 Slot 3



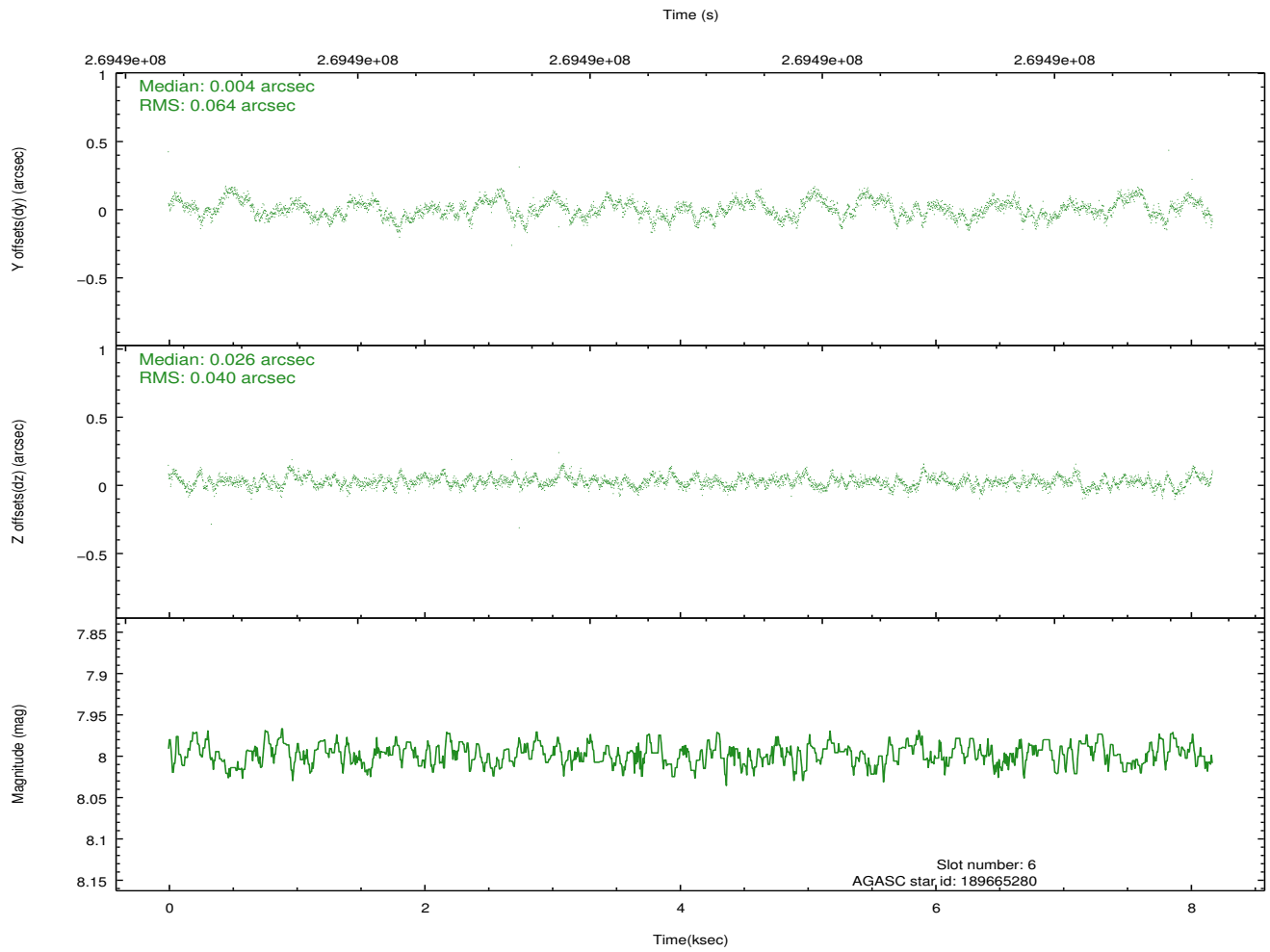
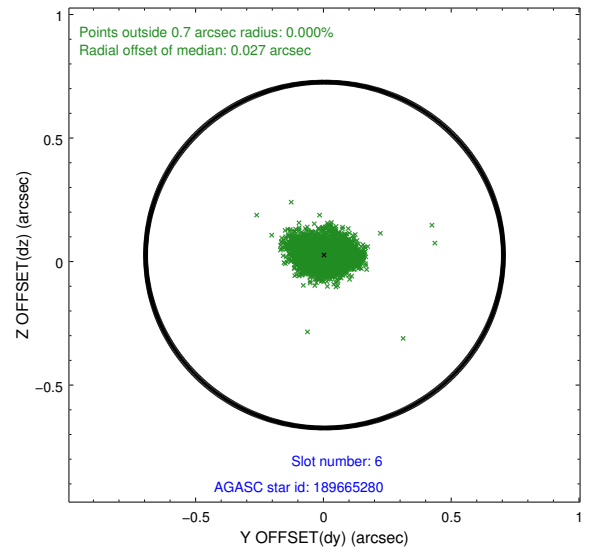
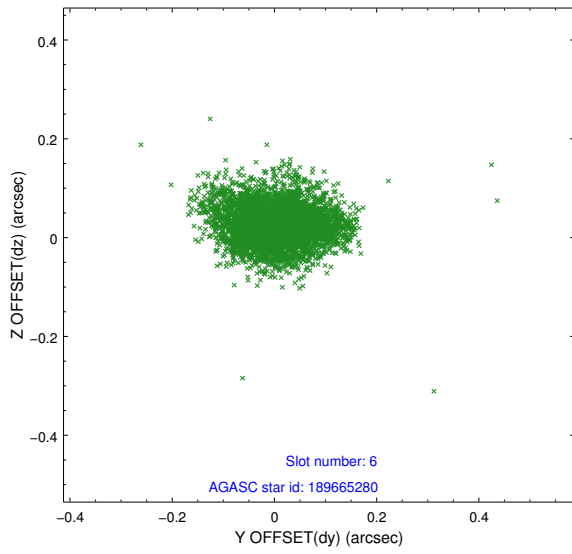
2.4.2 Slot 4



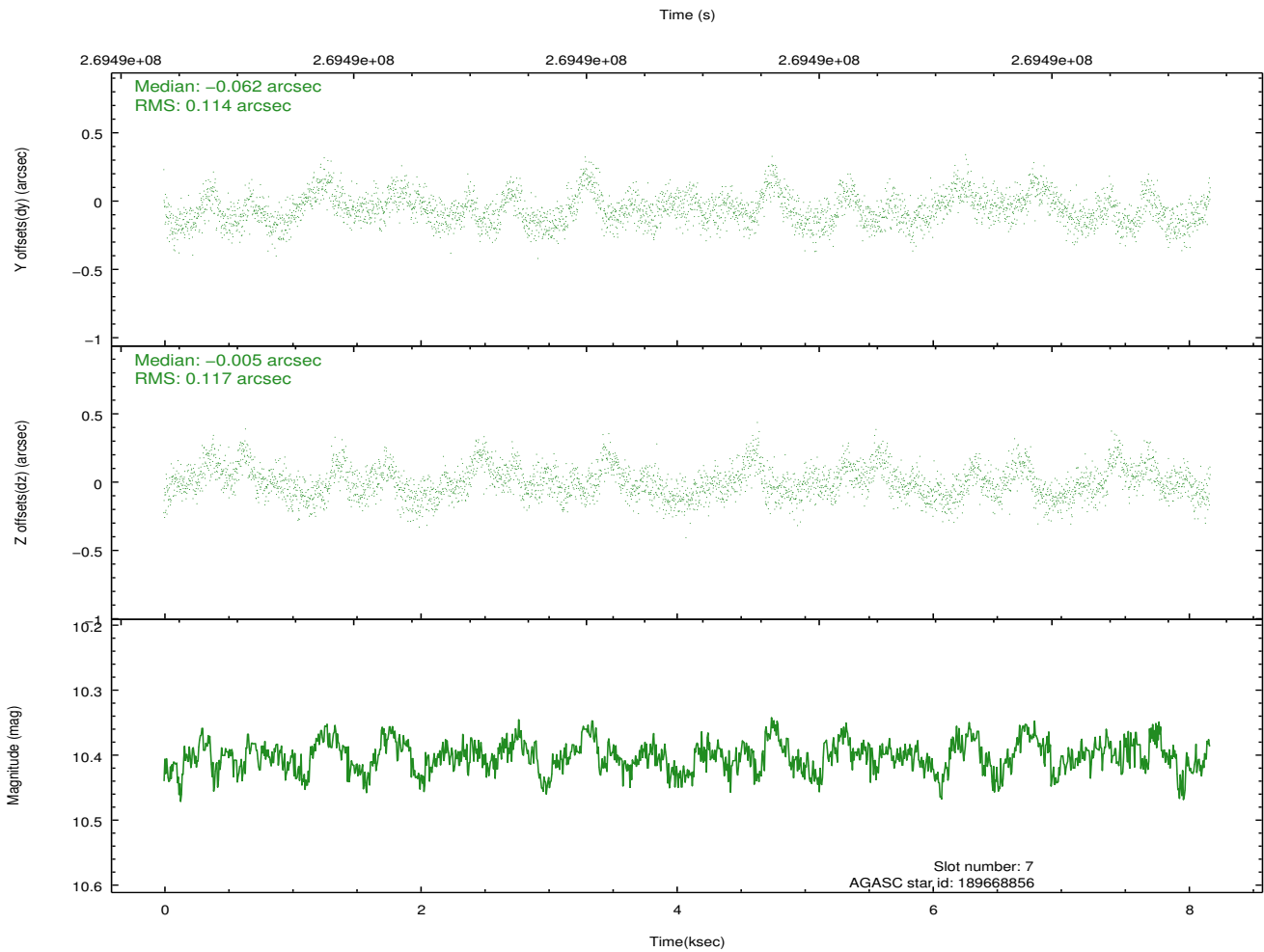
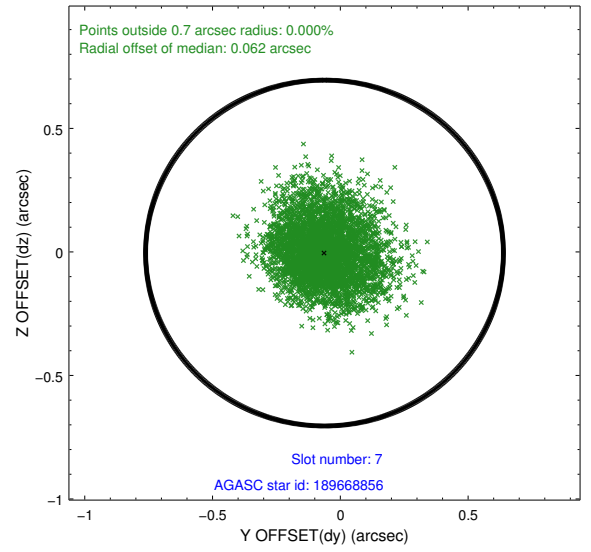
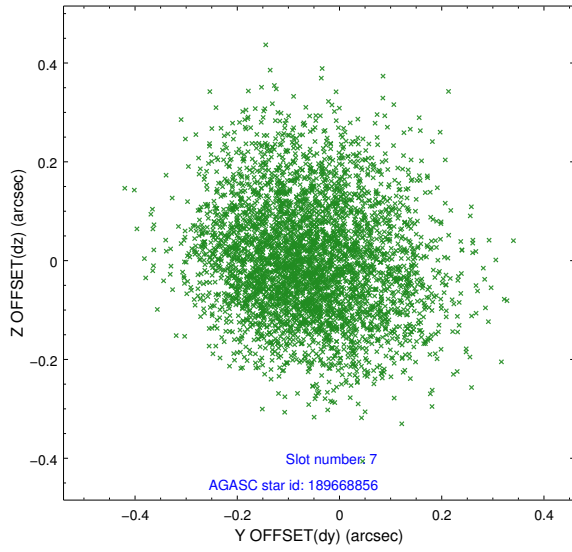
2.4.3 Slot 5



2.4.4 Slot 6

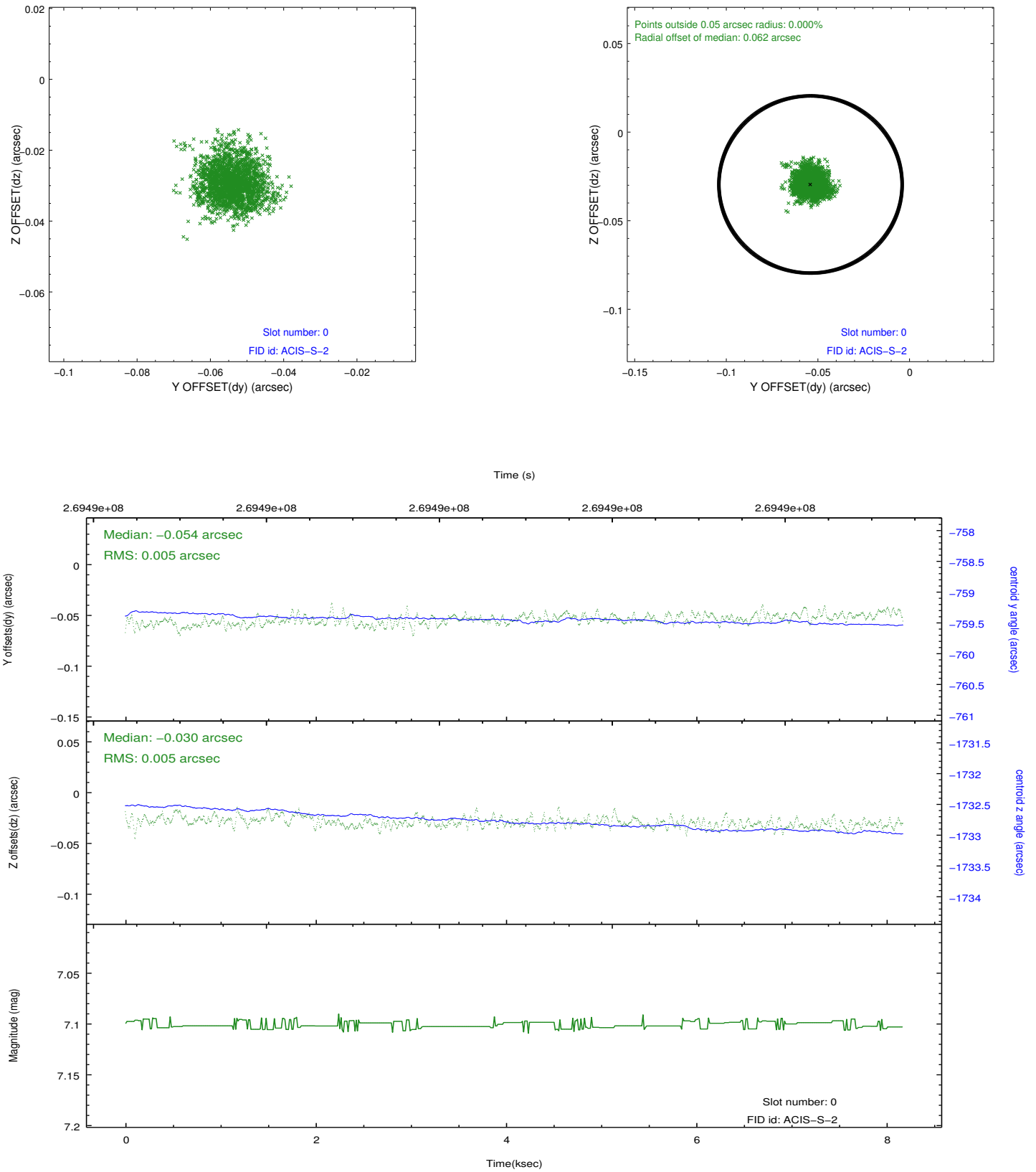


2.4.5 Slot 7

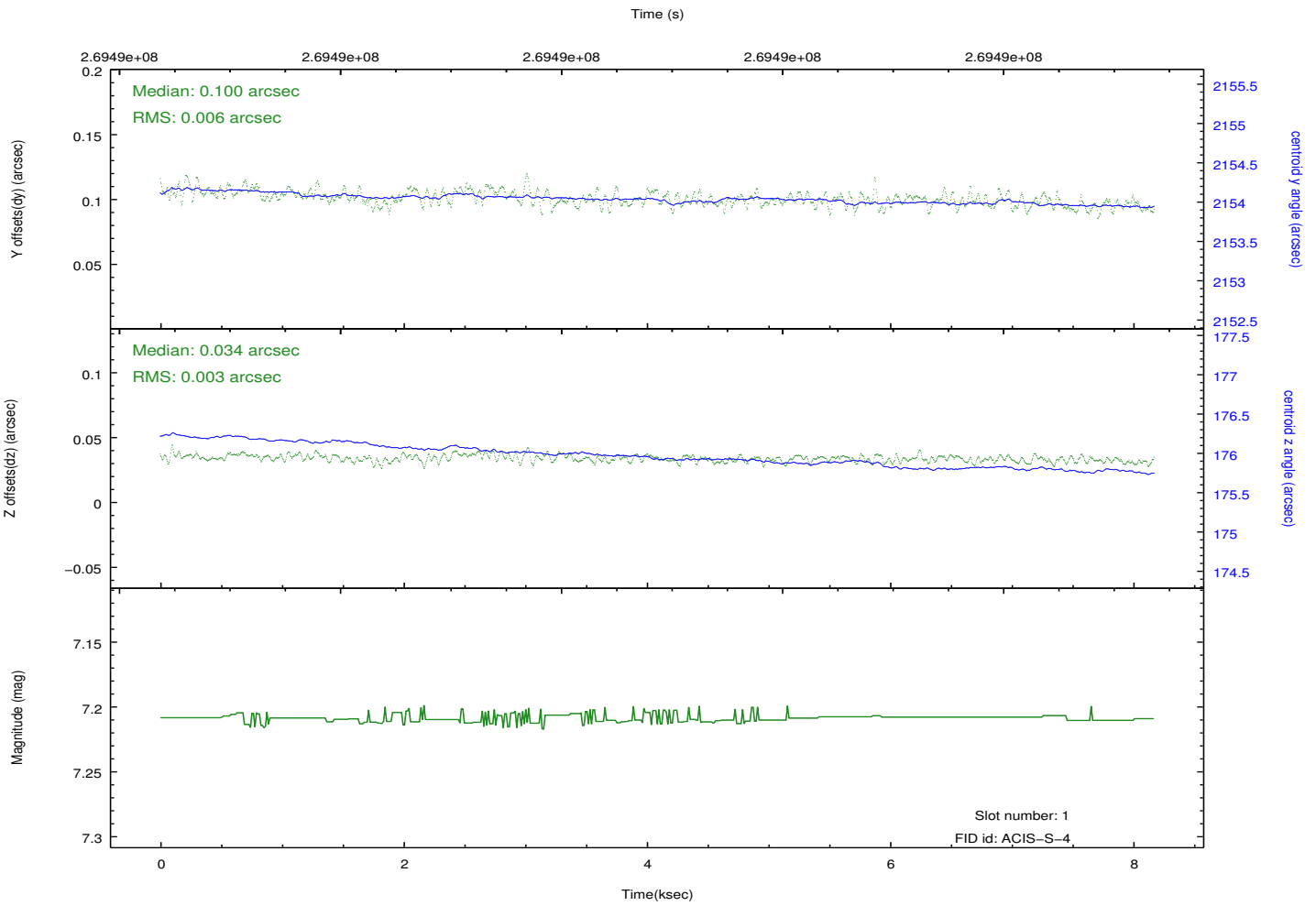
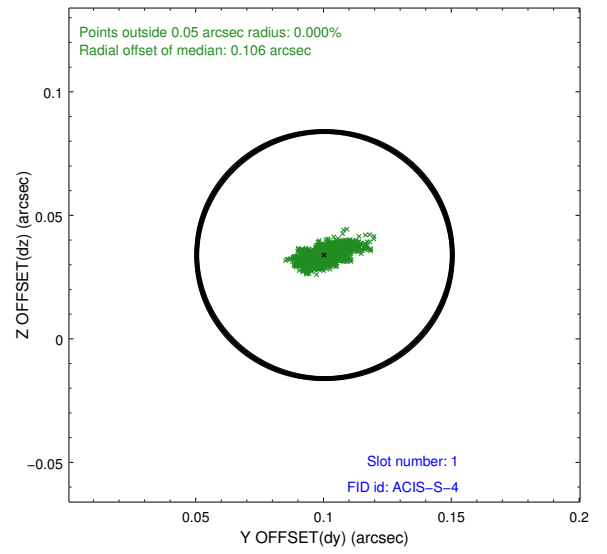
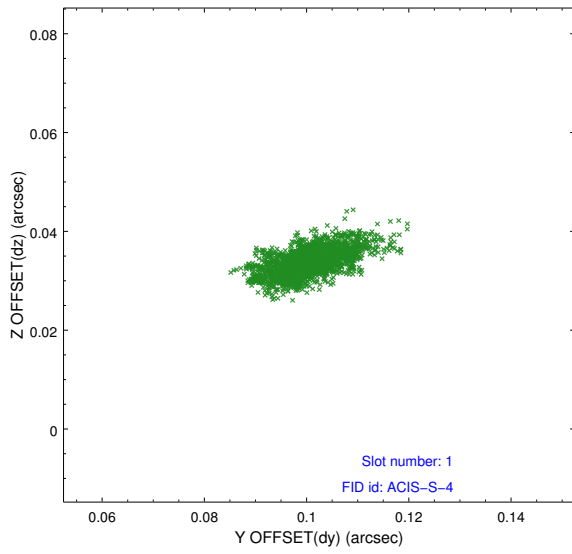


2.5 FID Slots

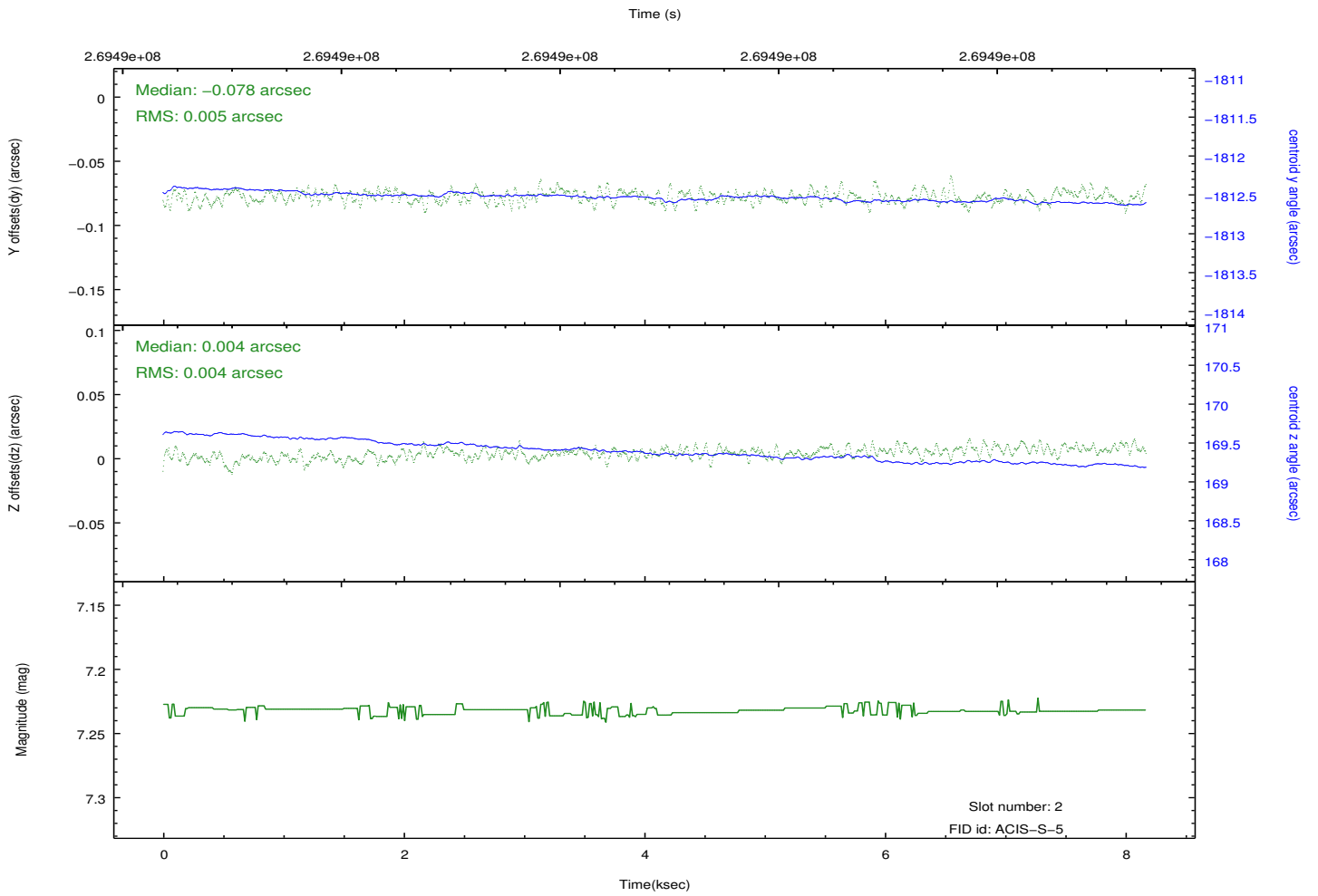
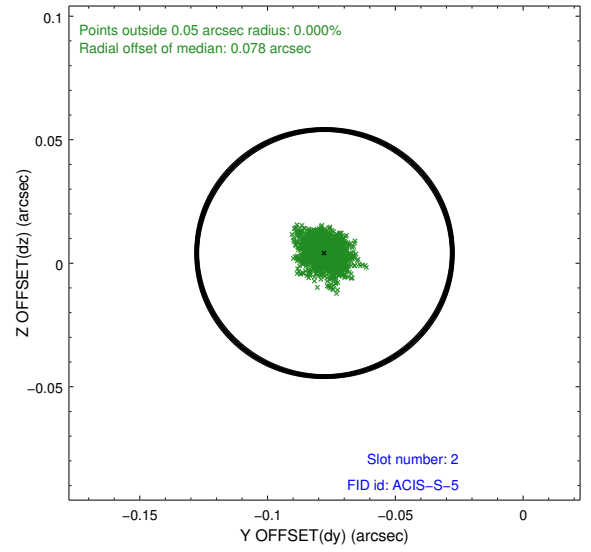
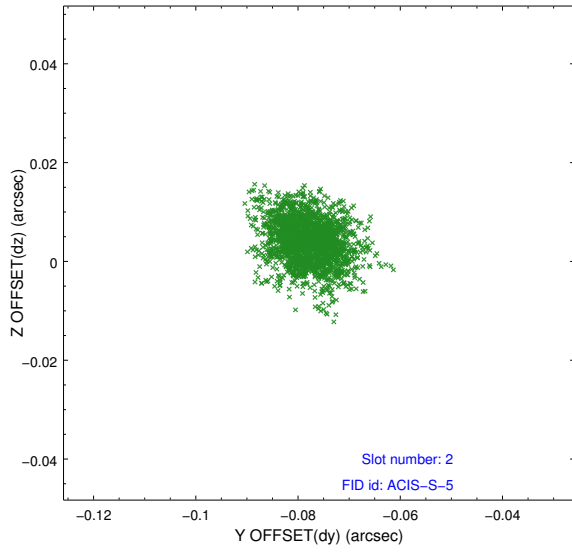
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.90399997

A.2 Comments