

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4261 - L2 Version 4
Chandra X-Ray Center

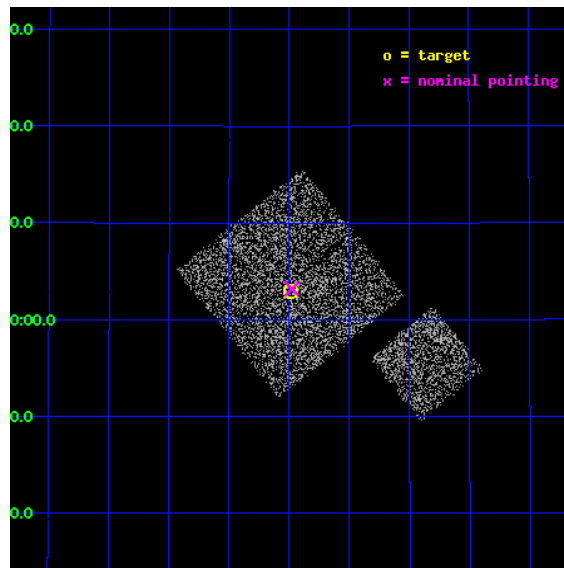
L2 Processing Date : Oct 25 2012

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1 Front

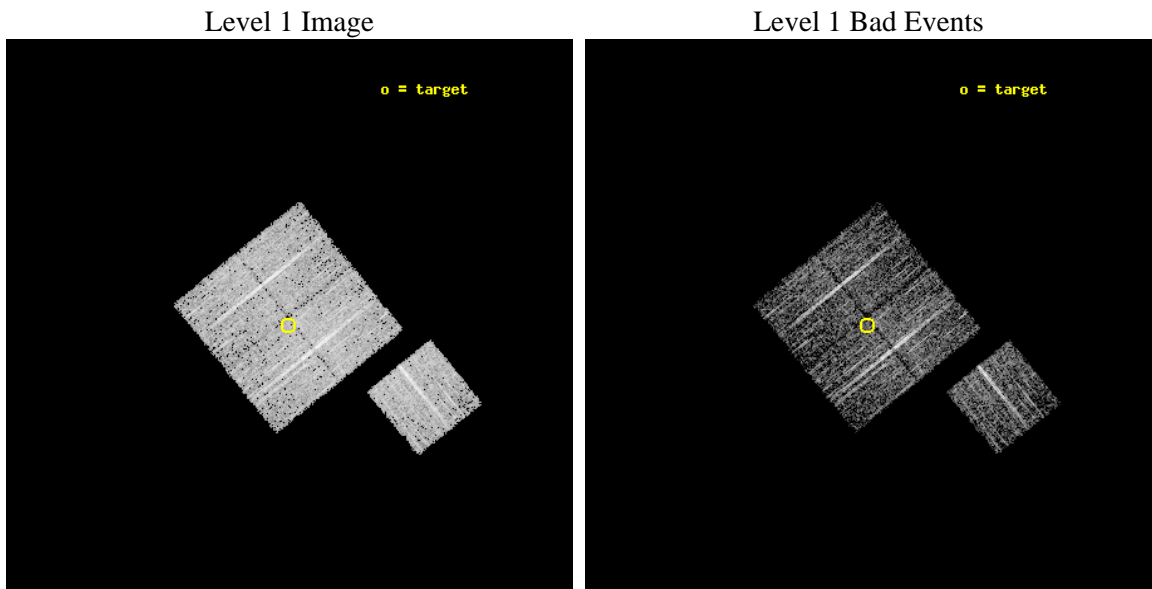
seq_num	900304	Sequence number
obs_id	4261	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS42	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.246914	Observer's specified target RA [deg]
dec_targ	33.04953	Observer's specified target Dec [deg]
ra_nom	218.24430186181	Nominal RA [deg]
dec_nom	33.053484608554	Nominal Dec [deg]
roll_nom	141.01010930031	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4776.4384669363	Sum of GTIs [s]
livetime	4714.030782003	Livetime [s]
ontime0	4773.1743467748	Sum of GTIs [s]
ontime1	4776.3563869298	Sum of GTIs [s]
ontime2	4776.3974269331	Sum of GTIs [s]
ontime3	4776.4384669363	Sum of GTIs [s]
ontime6	4776.2743069232	Sum of GTIs [s]
l2events	9554	Number of level 2 events



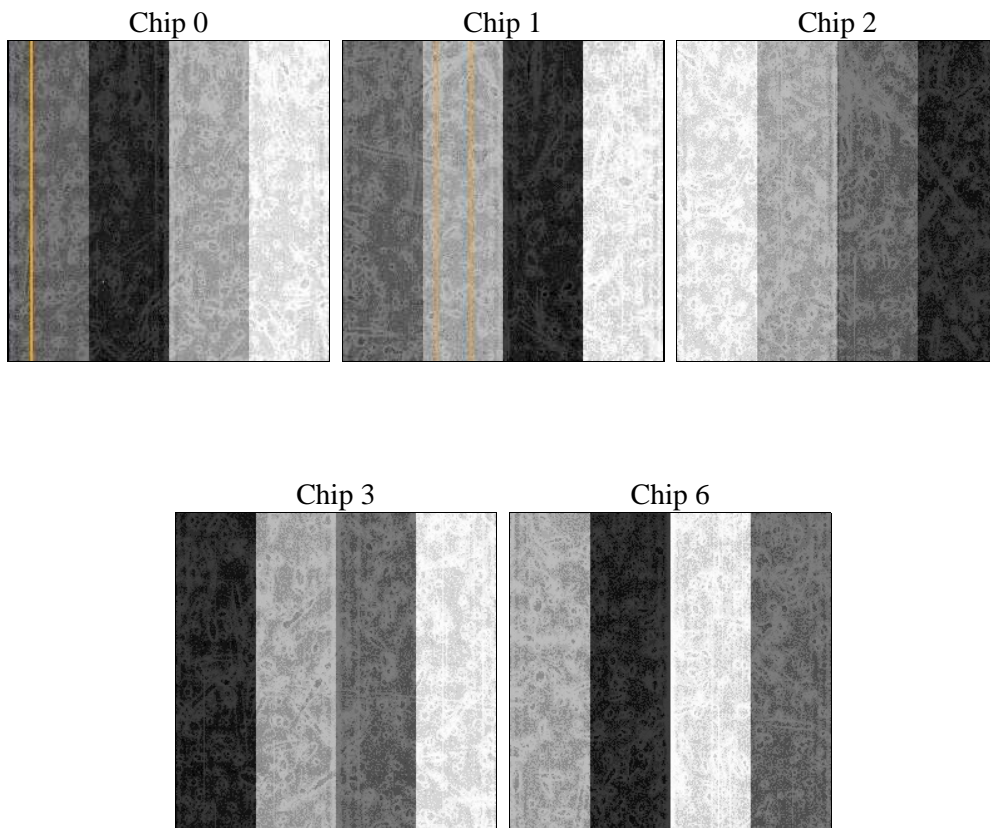
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4776.4384669363	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4773.1743467748	Sum of GTIs [s]
date	2012-10-25T23:18:33	Date and time of file creation	ontime1	4776.3563869298	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	4776.3974269331	Sum of GTIs [s]
			ontime3	4776.4384669363	Sum of GTIs [s]
			ontime6	4776.2743069232	Sum of GTIs [s]
			l1events	118767	Number of level 1 events

2.1.4 Events

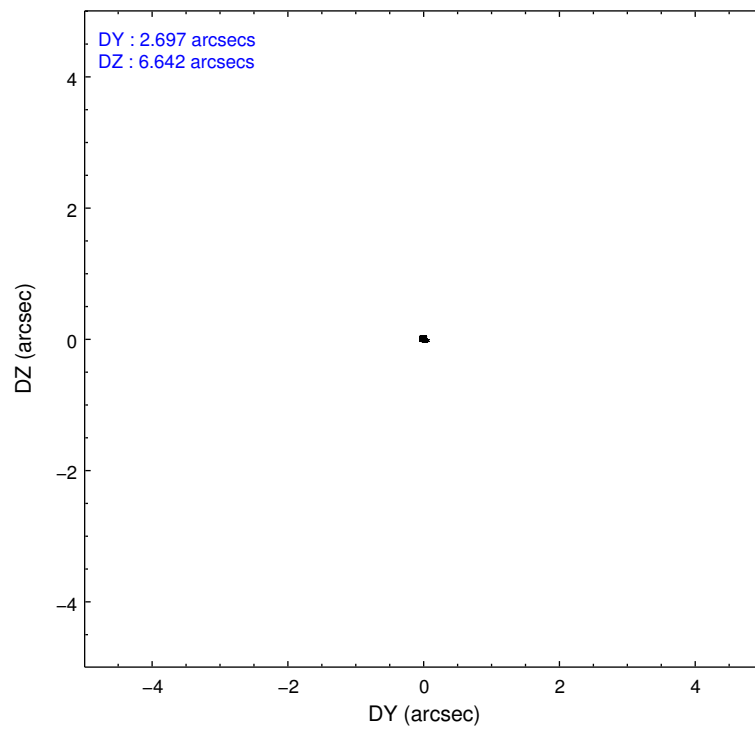
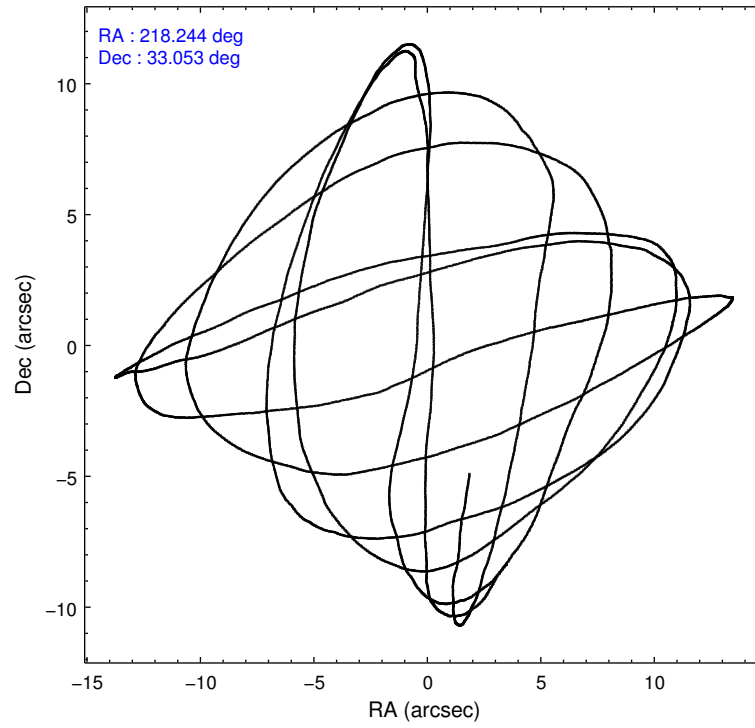
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21766	22256	26469	23994	24282
rejected events	19472	19823	24072	21819	21896
rejected %	89%	89%	90%	90%	90%

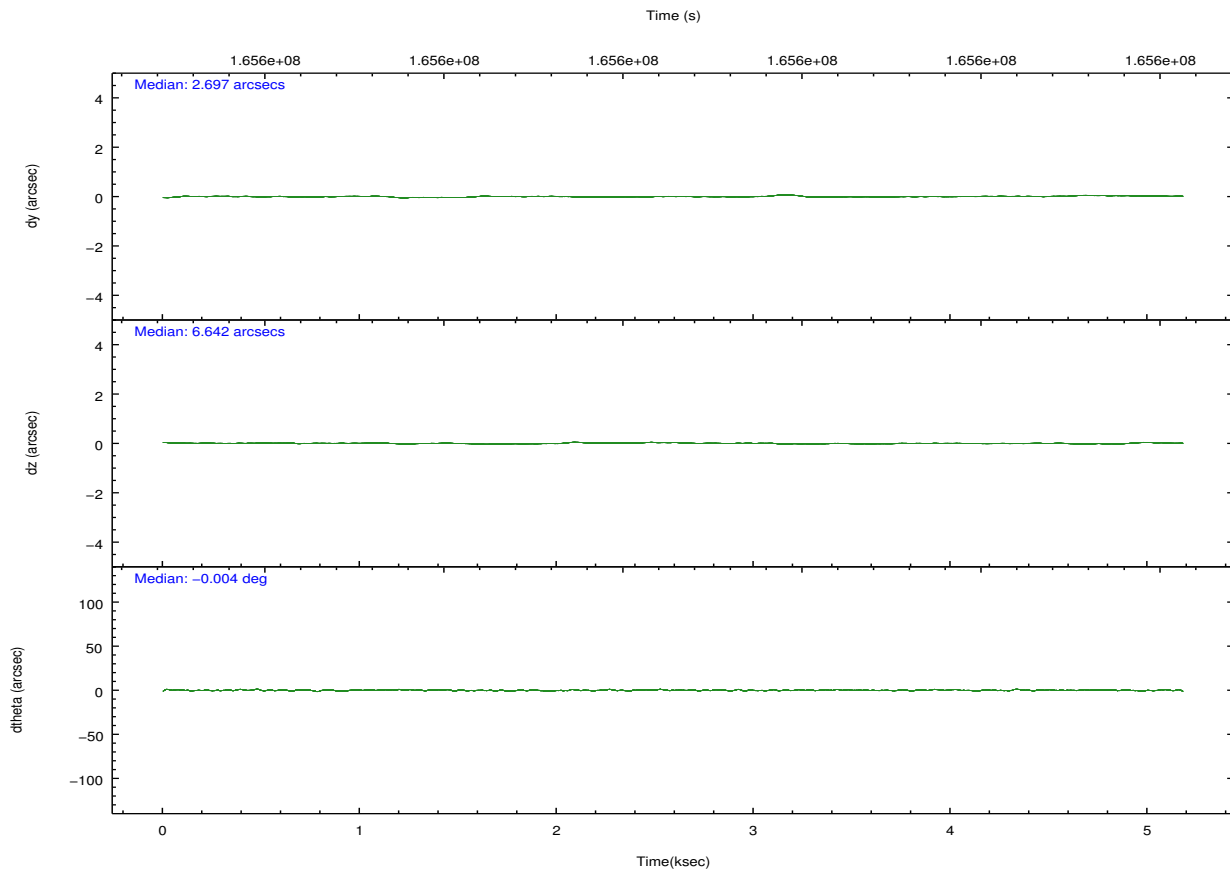
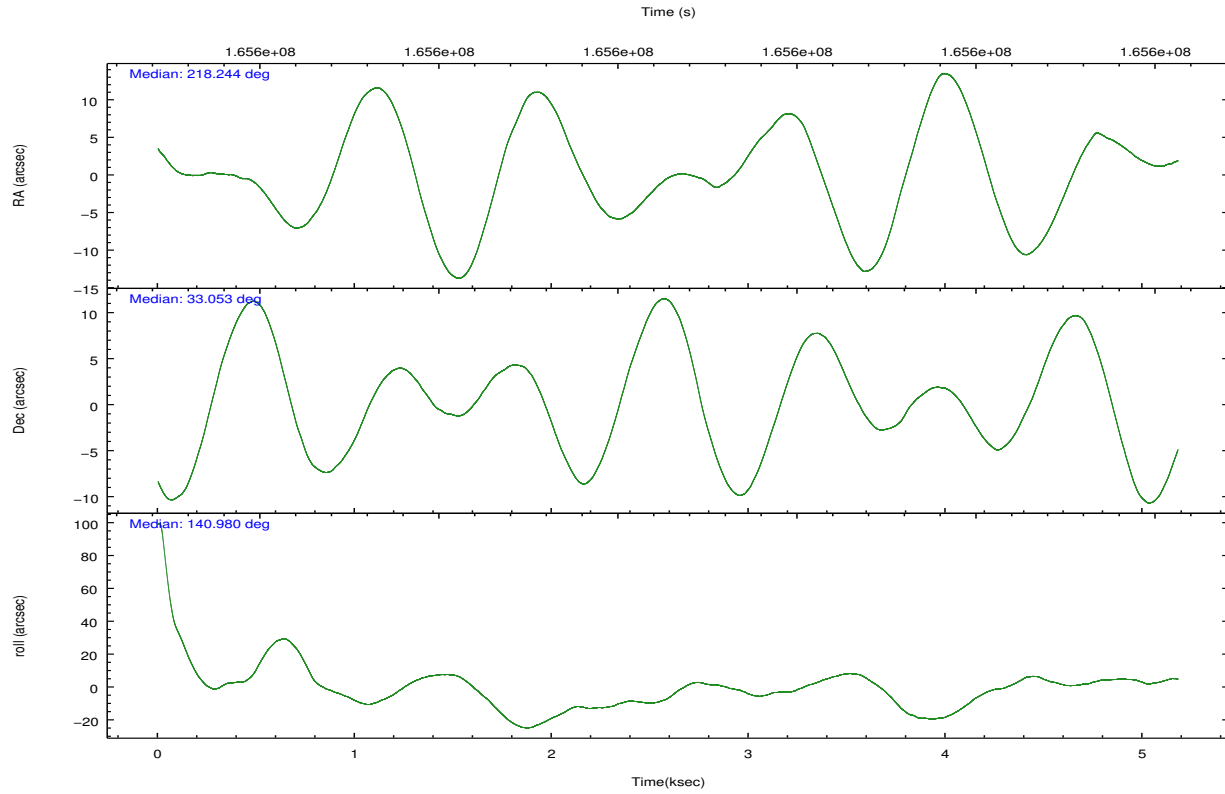
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	832	903	944	829	864
	3%	4%	3%	3%	3%
grade 1 events	7	14	13	14	11
	0%	0%	0%	0%	0%
grade 2 events	549	472	539	439	484
	2%	2%	2%	1%	1%
grade 3 events	291	282	267	250	271
	1%	1%	1%	1%	1%
grade 4 events	225	272	274	261	282
	1%	1%	1%	1%	1%
grade 5 events	658	754	659	783	738
	3%	3%	2%	3%	3%
grade 6 events	398	506	375	398	489
	1%	2%	1%	1%	2%
grade 7 events	18806	19053	23398	21020	21143
	86%	85%	88%	87%	87%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	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	218.276600	218.2443018618144	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.049443	33.0534846085541	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783807	141.0101093003104	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	165598873.184000	165598496.70871			
Observation start date	2003-04-01T15:40:09	2003-04-01T15:34:56			
[s] Observation end time (MET)	165603873.184000	165604006.59644			
Observation end date	2003-04-01T17:03:29	2003-04-01T17:06:46			
Read mode	TIMED	TIMED			

2.3 Aspect



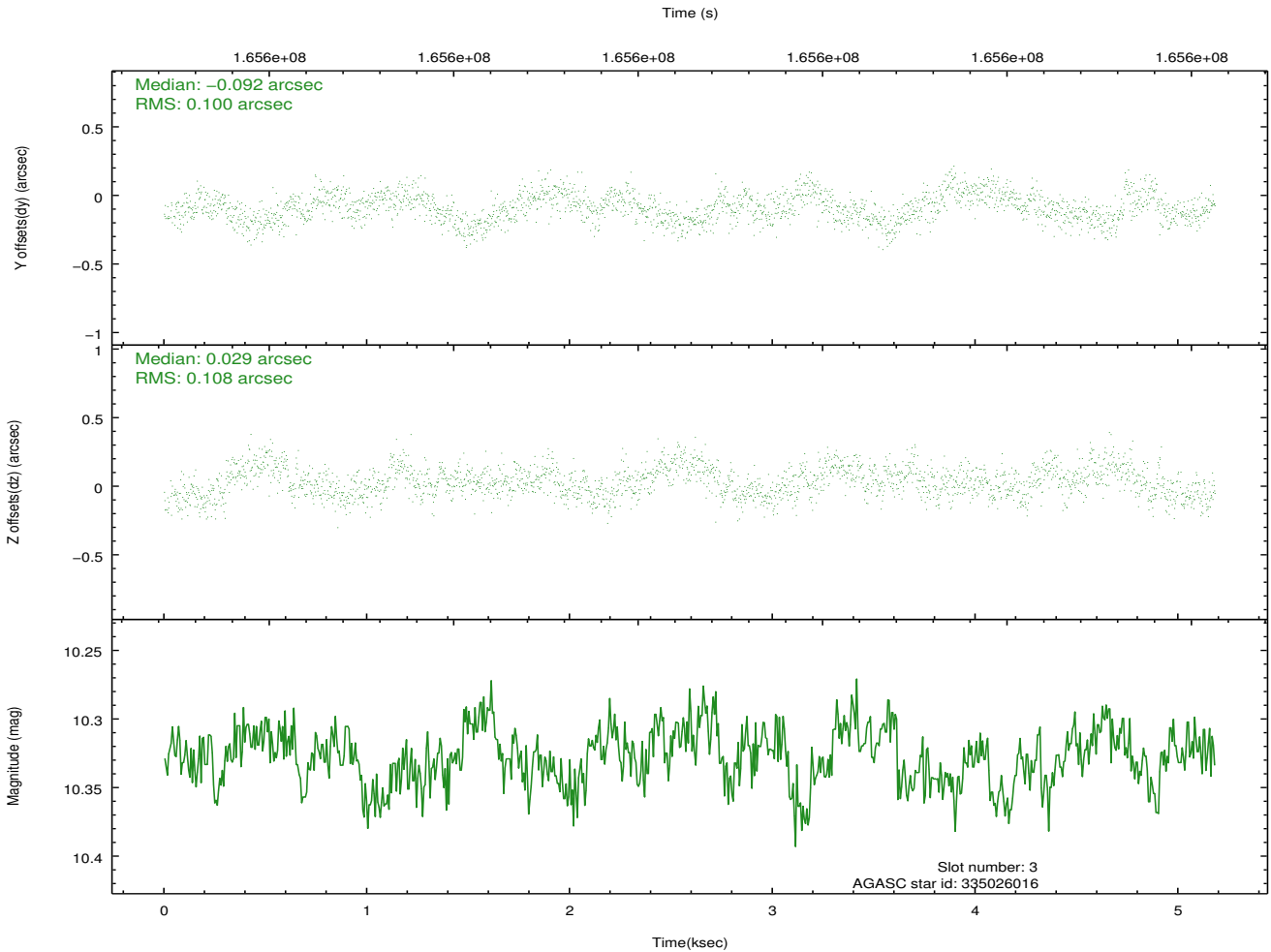
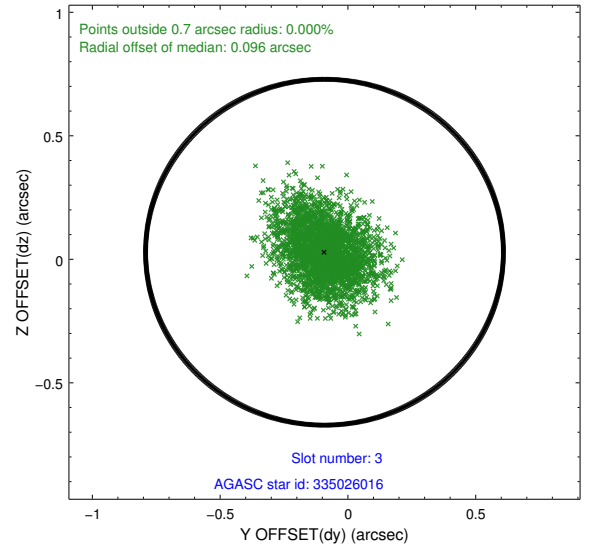
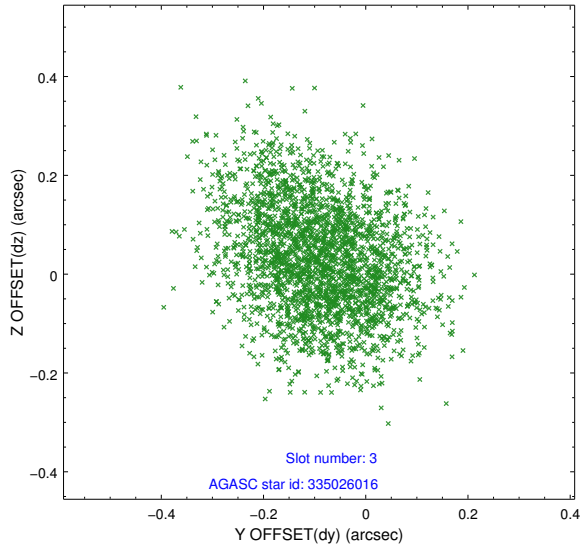


Slot Statistics

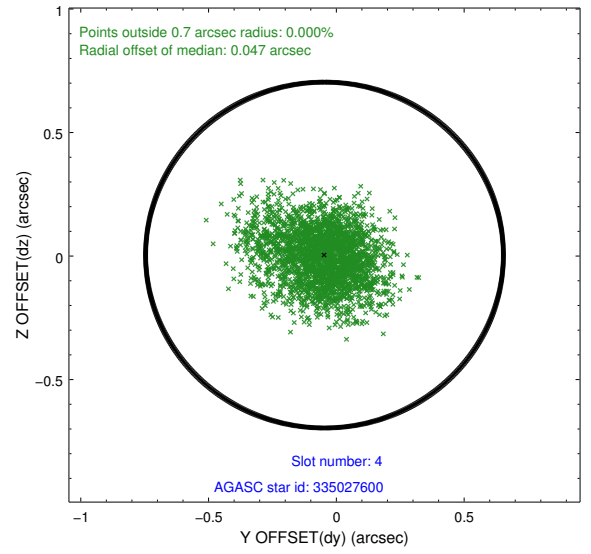
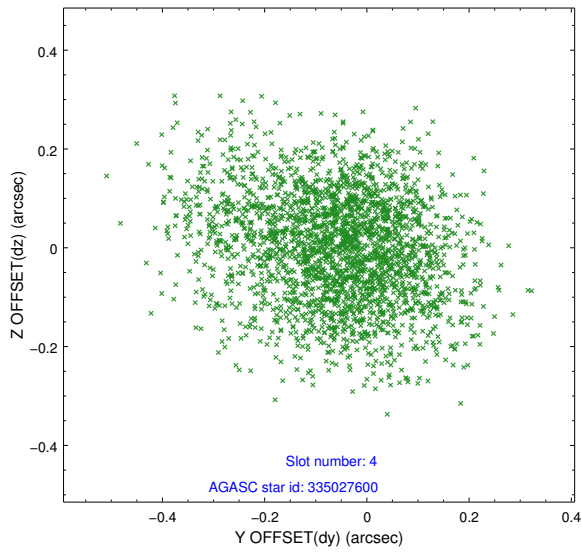
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1264	0.069	-0.077	0.006	0.011	0.000000	0.000000	937.21	-830.07
1	FID	ACIS-I-5	7.24	1264	0.077	0.146	0.006	0.010	0.000000	0.000000	-1810.31	1066.95
2	FID	ACIS-I-6	7.25	1264	-0.238	0.002	0.007	0.010	0.000000	0.000000	401.08	1712.73
3	GUIDE	335026016	10.33	2514	-0.092	0.029	0.158	0.251	218.407506	33.416168	531.53	-1271.79
4	GUIDE	335027600	10.42	2527	-0.046	0.004	0.180	0.302	218.618512	33.447101	112.23	-1760.54
5	GUIDE	335028616	10.04	2509	0.273	0.094	0.272	0.372	218.529874	33.175085	-303.30	-834.56
6	GUIDE	335029384	8.49	2528	-0.119	-0.081	0.104	0.153	217.848061	33.088477	1092.10	706.11
7	GUIDE	335029528	10.41	2461	-0.012	-0.064	0.161	0.281	218.786422	33.290416	-635.75	-1645.40

2.4 Star Slots

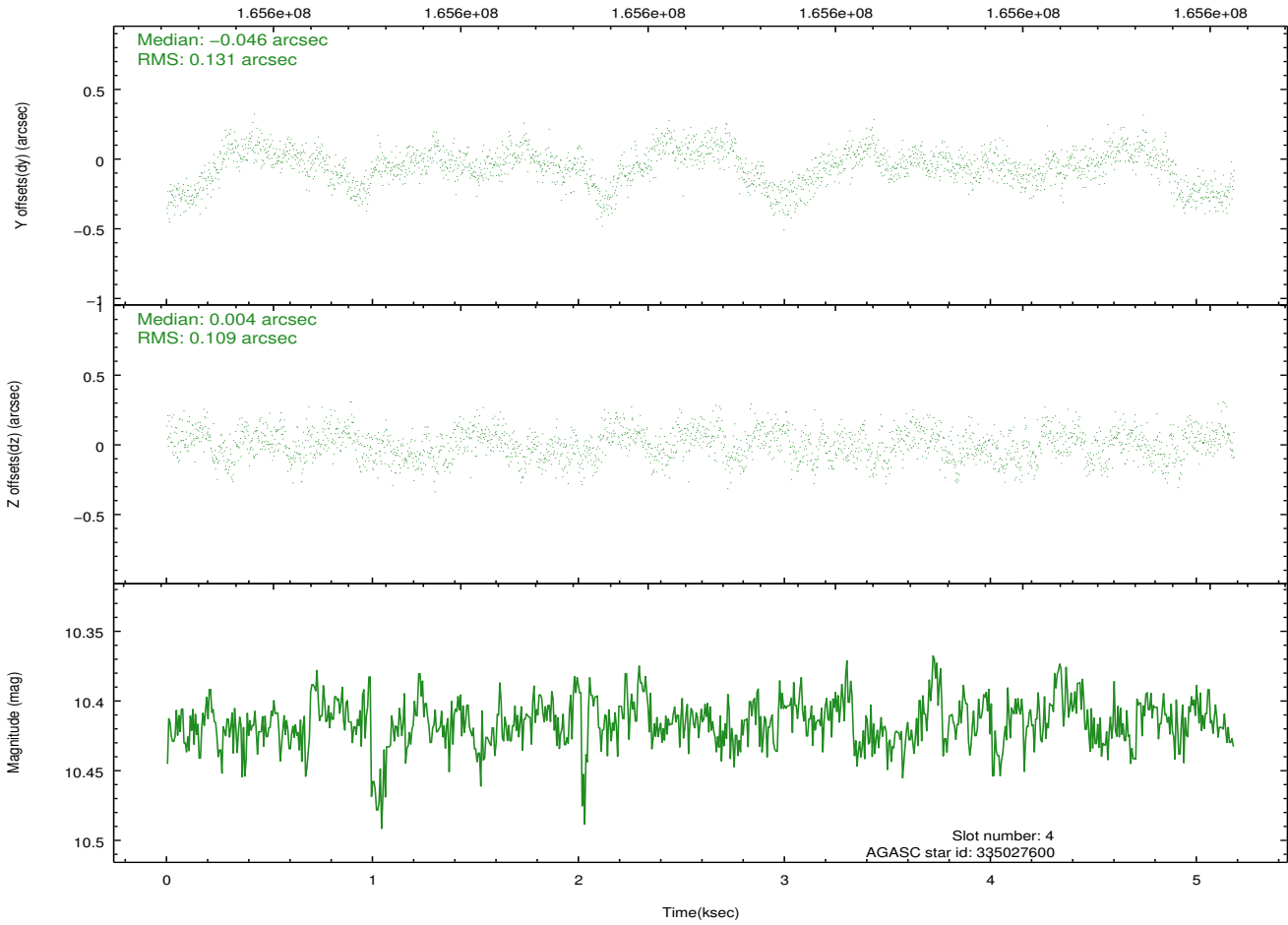
2.4.1 Slot 3



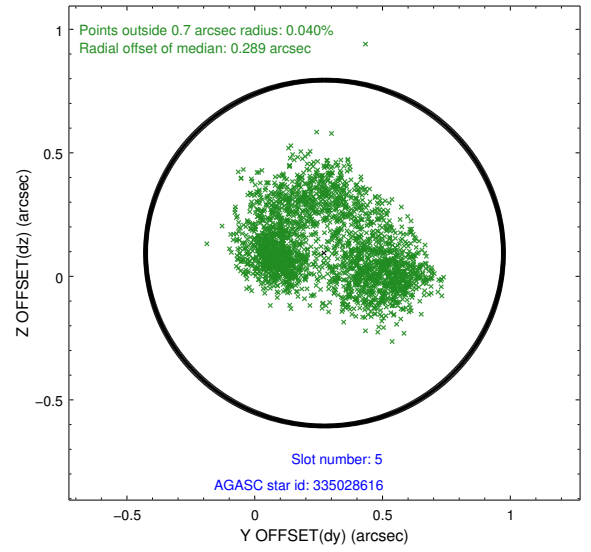
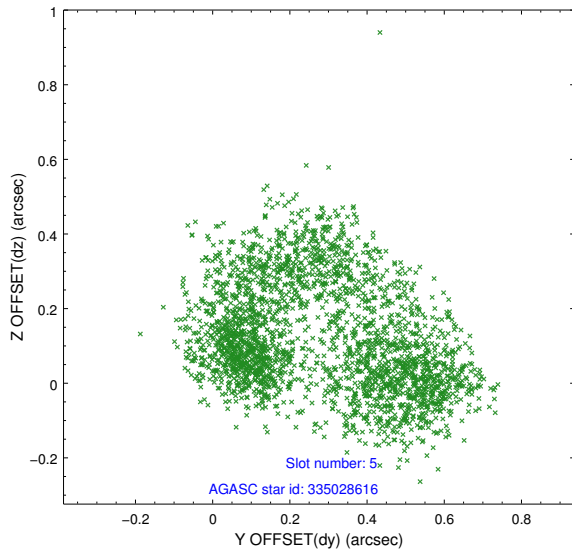
2.4.2 Slot 4



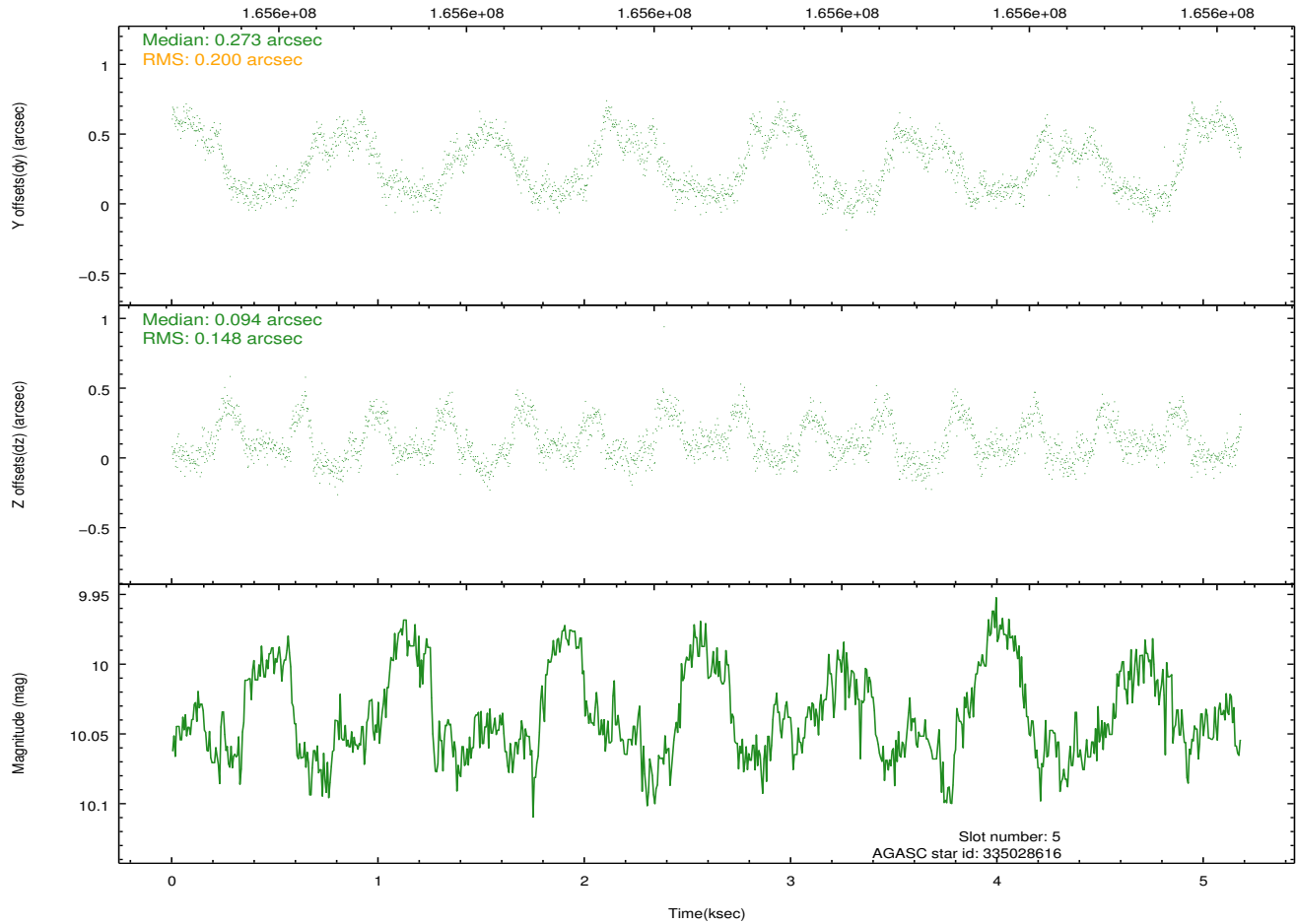
Time (s)



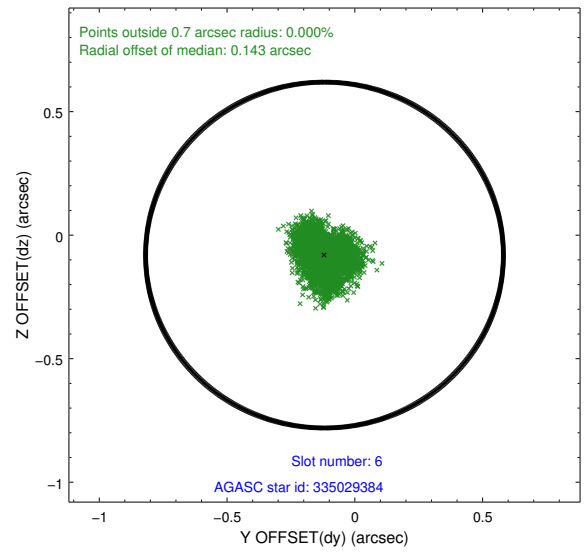
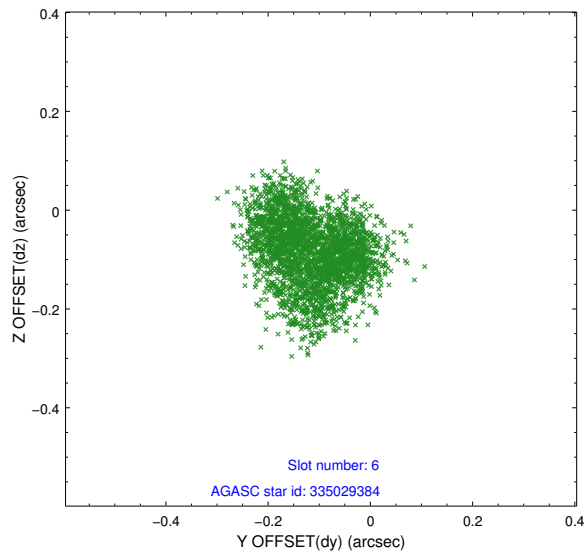
2.4.3 Slot 5



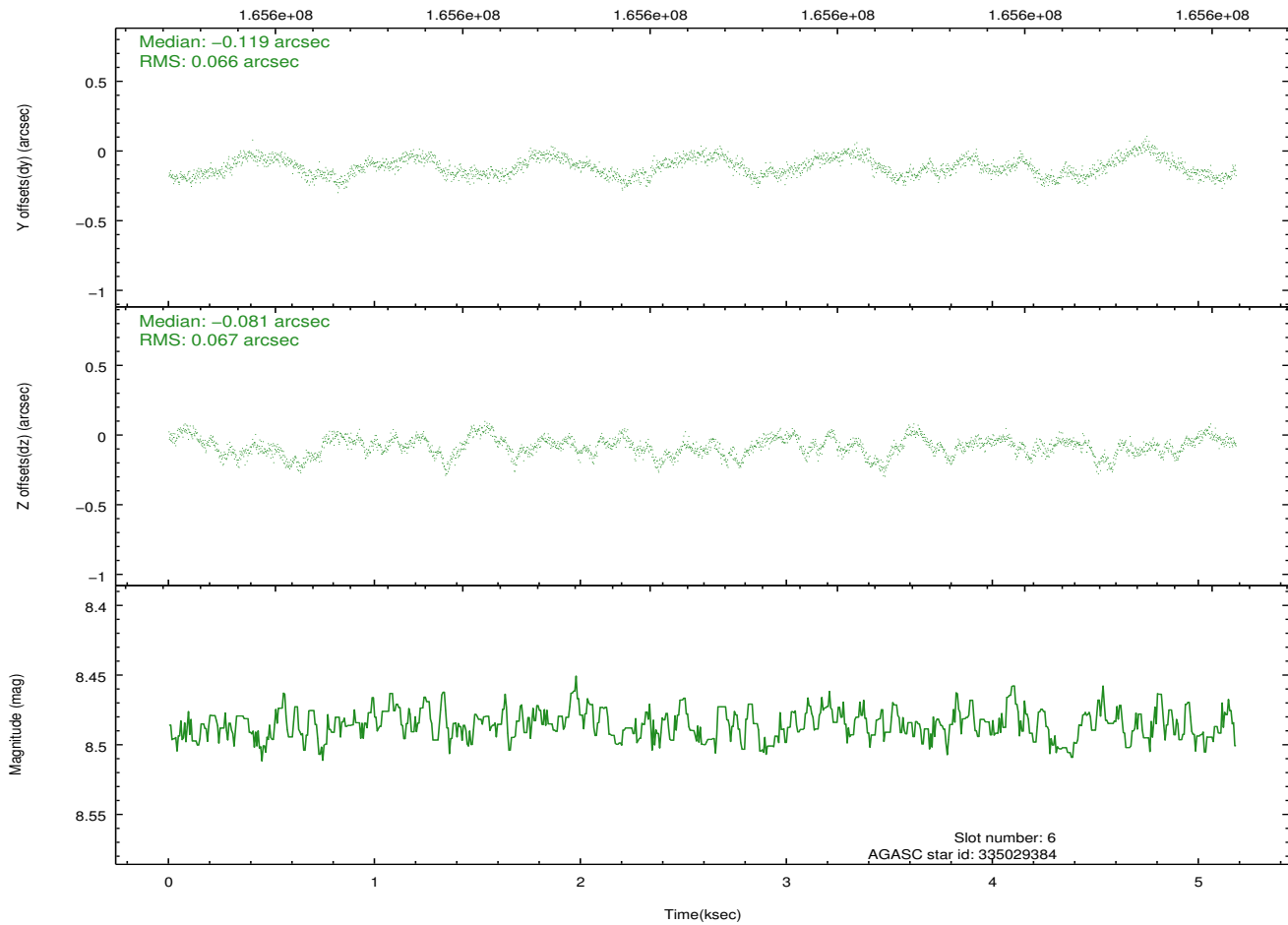
Time (s)



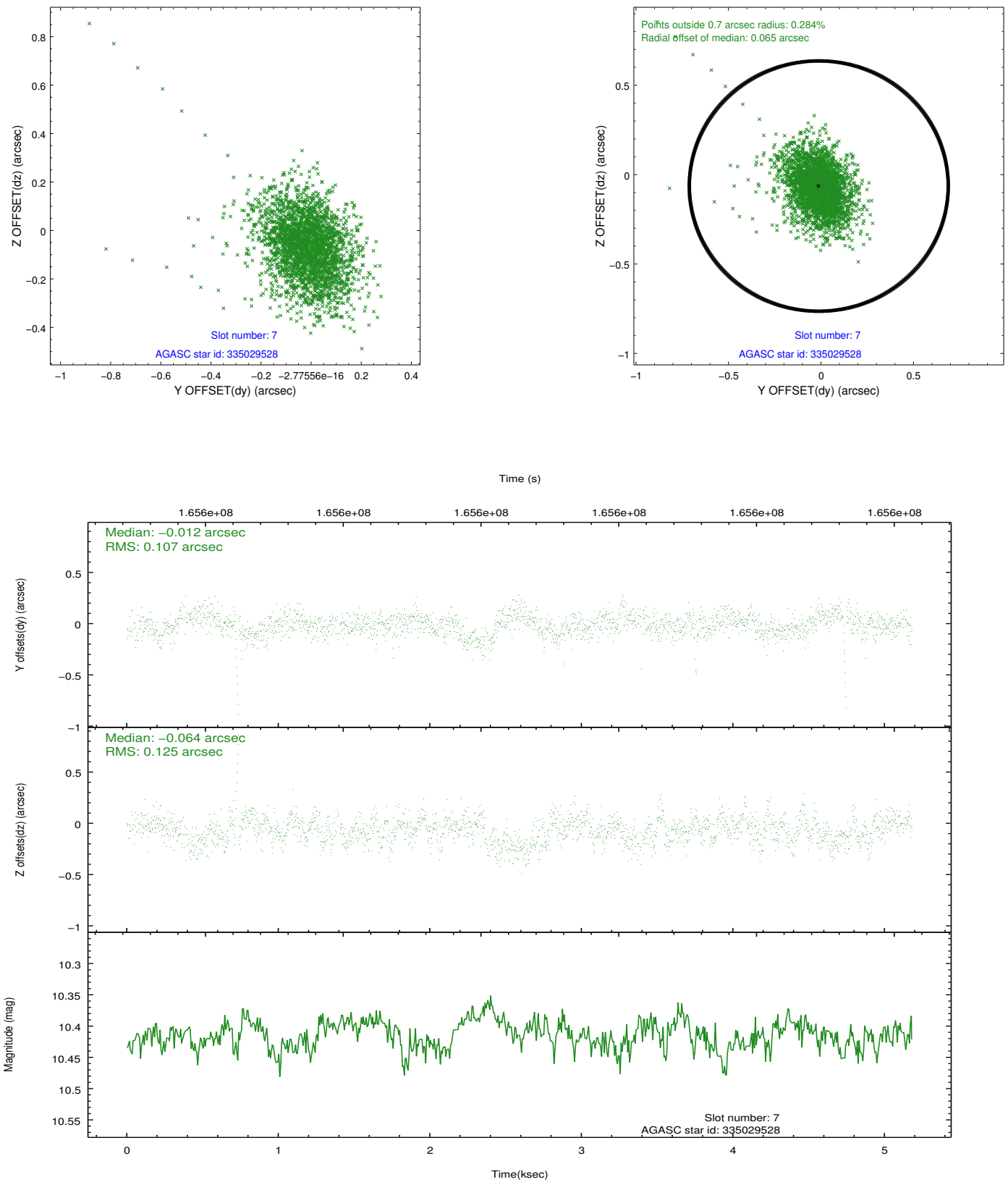
2.4.4 Slot 6



Time (s)

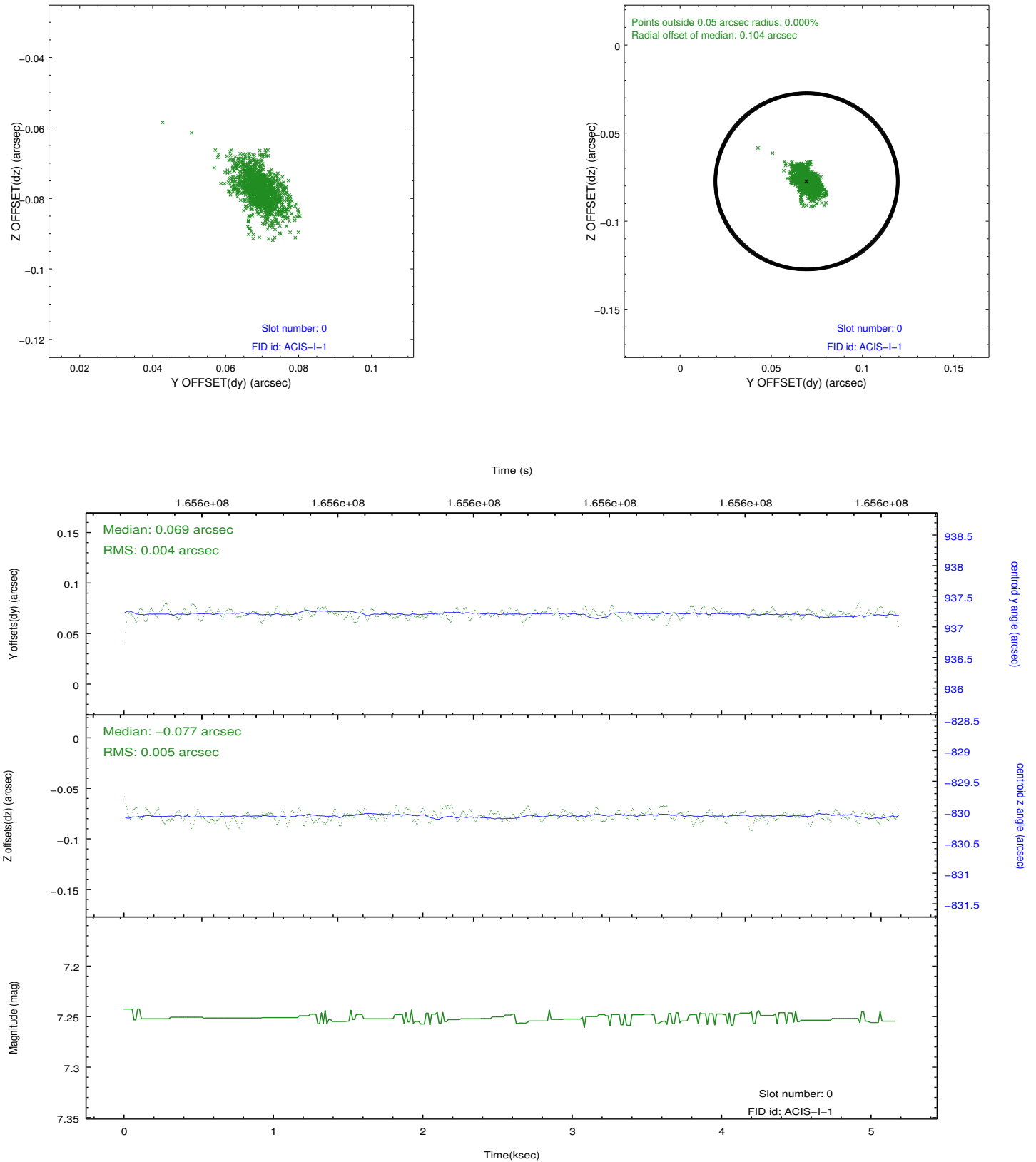


2.4.5 Slot 7

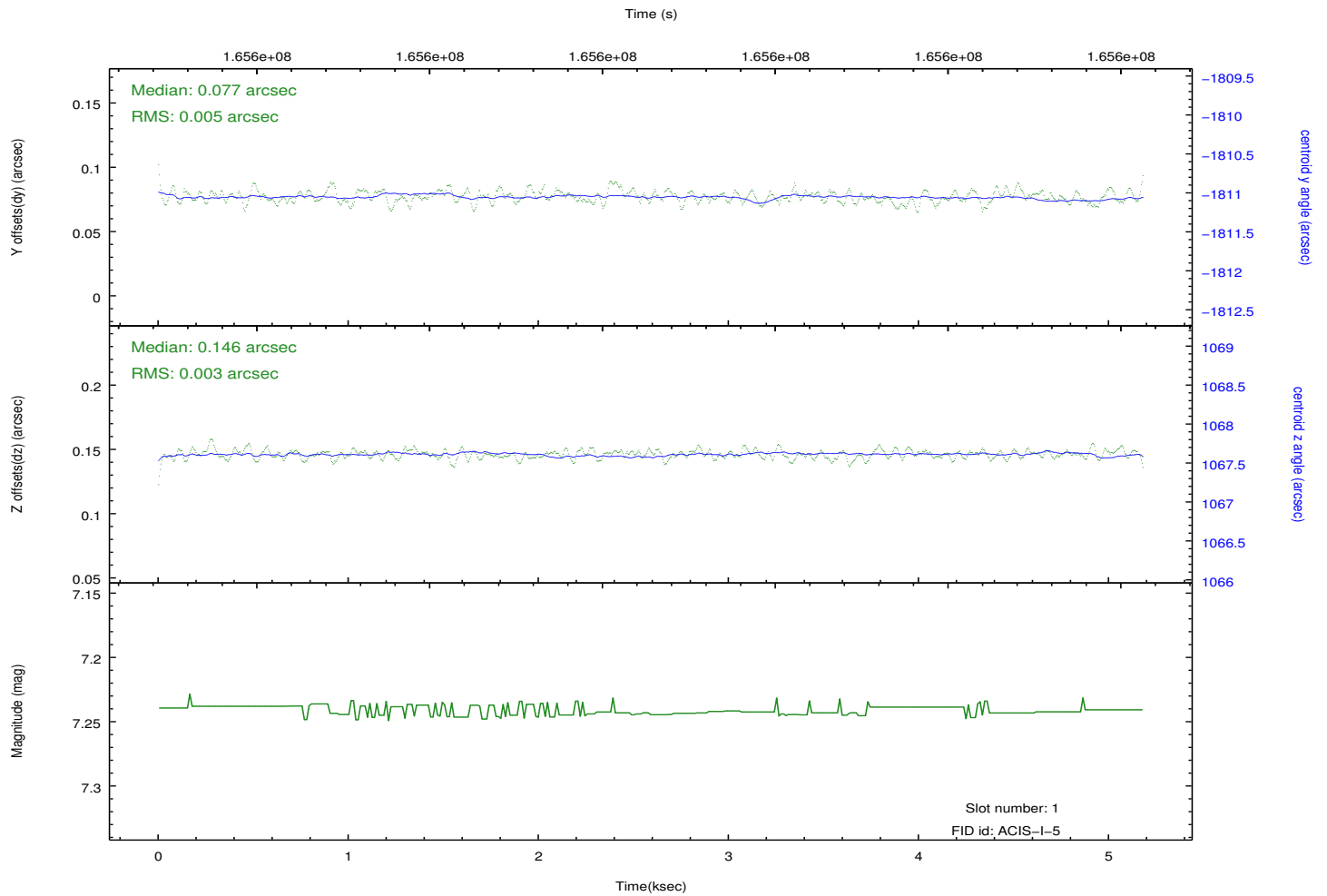
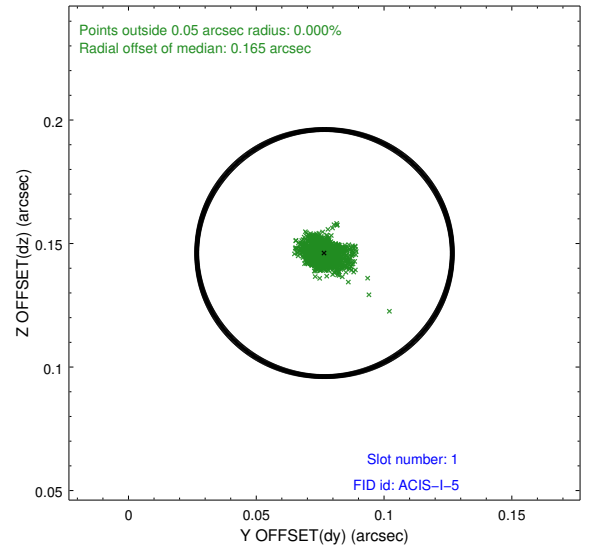
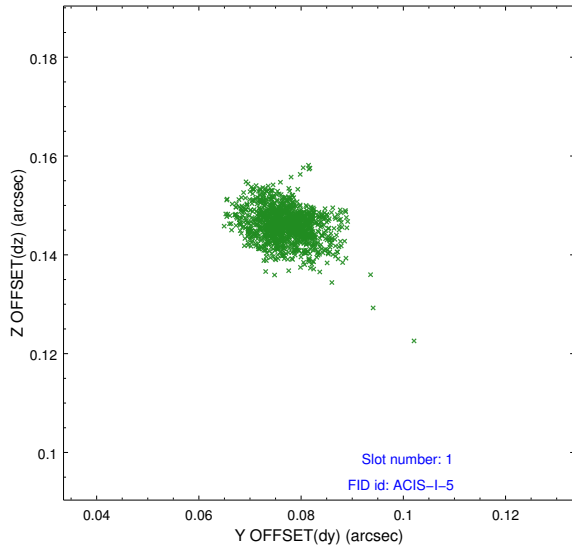


2.5 FID Slots

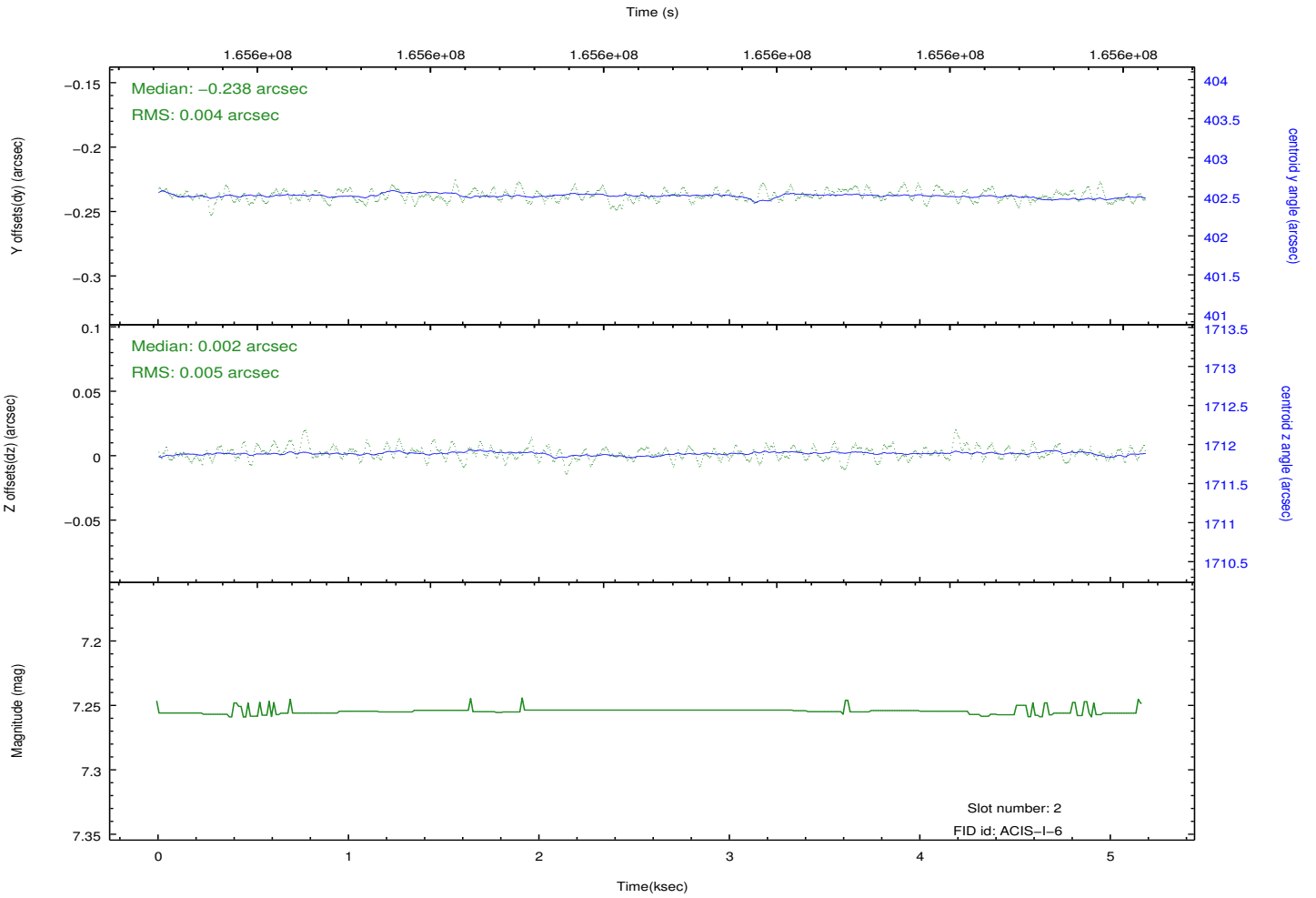
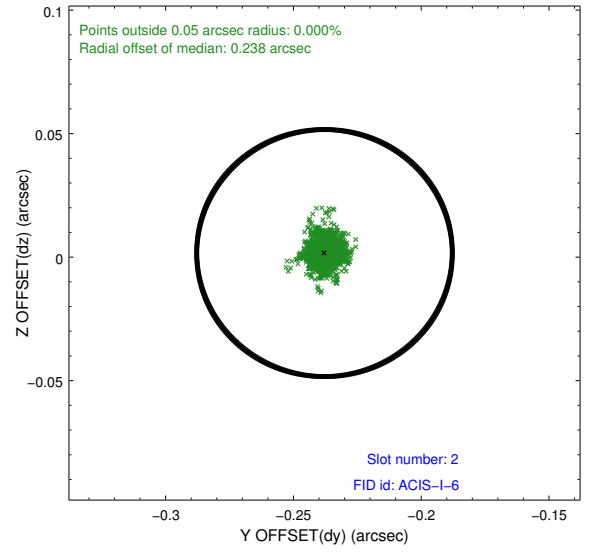
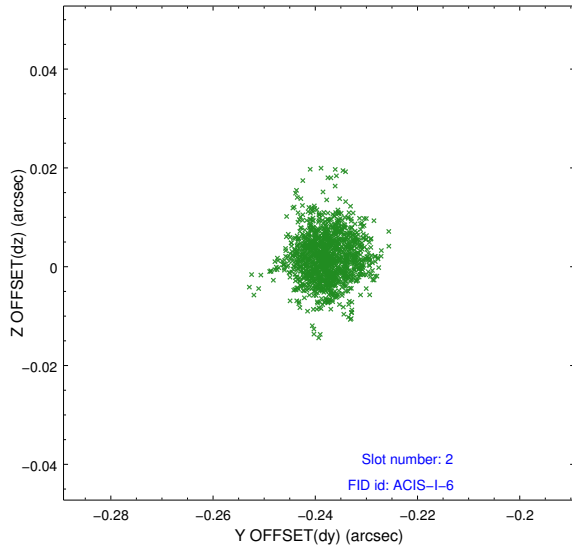
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.777

A.2 Comments