

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9612 - L2 Version 2
Chandra X-Ray Center

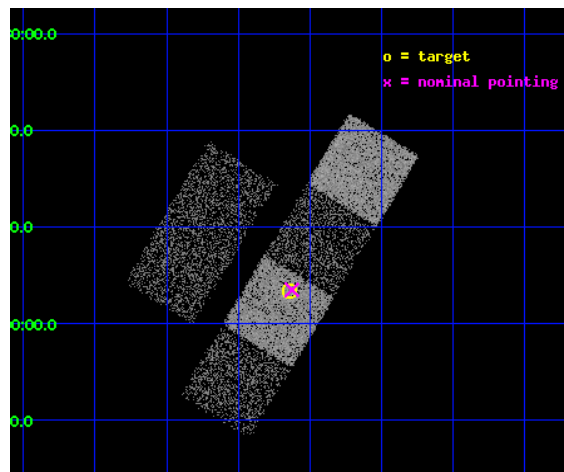
L2 Processing Date : May 15 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

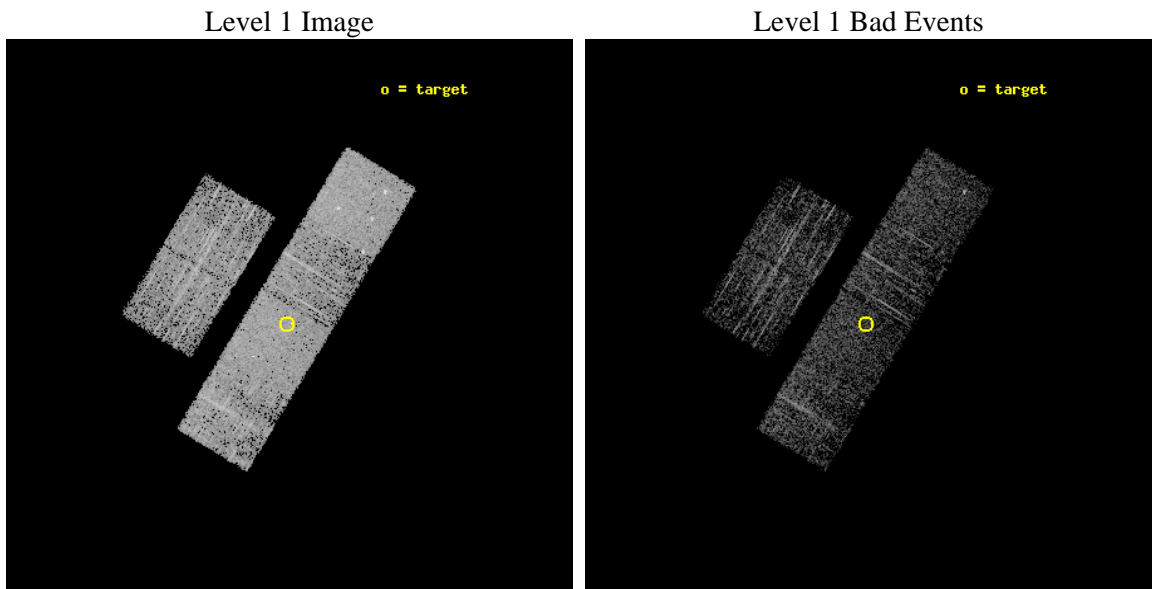
seq_num	900854	Sequence number
obs_id	9612	Observation id
title	GTO ChICAGO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J184738-0156	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	281.910833	Observer's specified target RA [deg]
dec_targ	-1.944	Observer's specified target Dec [deg]
ra_nom	281.90648248864	Nominal RA [deg]
dec_nom	-1.9417619654835	Nominal Dec [deg]
roll_nom	121.26933675968	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1651.1999939084	Sum of GTIs [s]
livetime	1630.2915053523	Livetime [s]
ontime2	1651.1999939084	Sum of GTIs [s]
ontime3	1651.1916988492	Sum of GTIs [s]
ontime5	1651.1999939084	Sum of GTIs [s]
ontime6	1651.1999939084	Sum of GTIs [s]
ontime7	1651.1999939084	Sum of GTIs [s]
ontime8	1651.1506588459	Sum of GTIs [s]
l2events	26582	Number of level 2 events



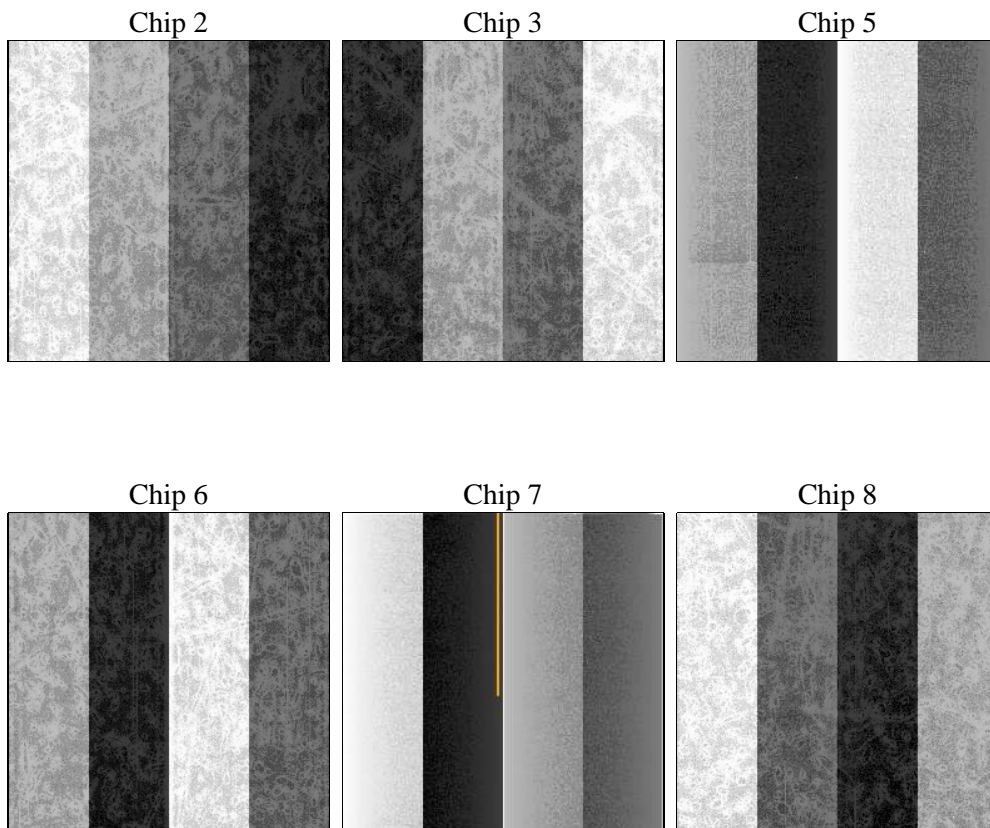
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1700.803000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1651.1999939084	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1651.1999939084	Sum of GTIs [s]
date	2012-05-15T15:24:09	Date and time of file creation	ontime3	1651.1916988492	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1651.1999939084	Sum of GTIs [s]
			ontime6	1651.1999939084	Sum of GTIs [s]
			ontime7	1651.1999939084	Sum of GTIs [s]
			ontime8	1651.1506588459	Sum of GTIs [s]
			l1events	117737	Number of level 1 events

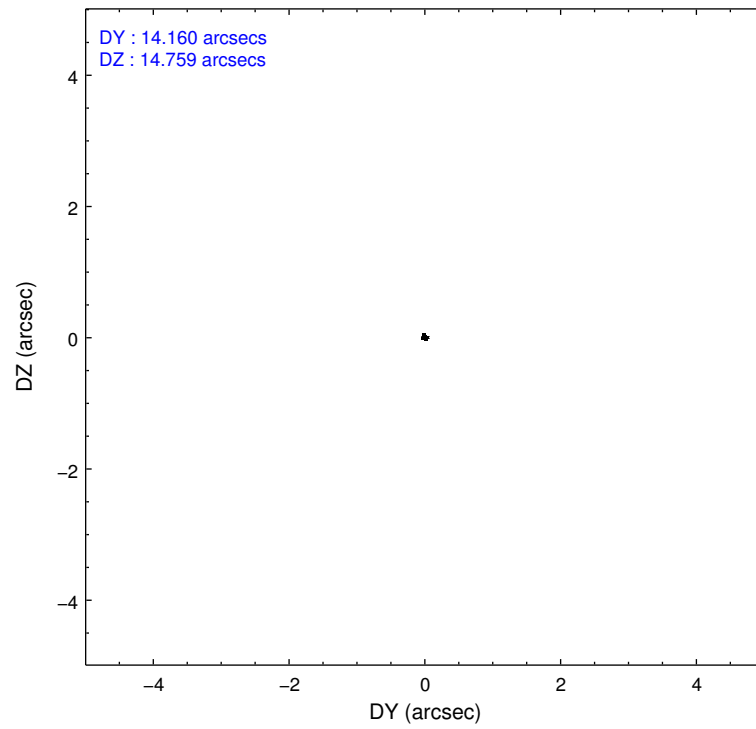
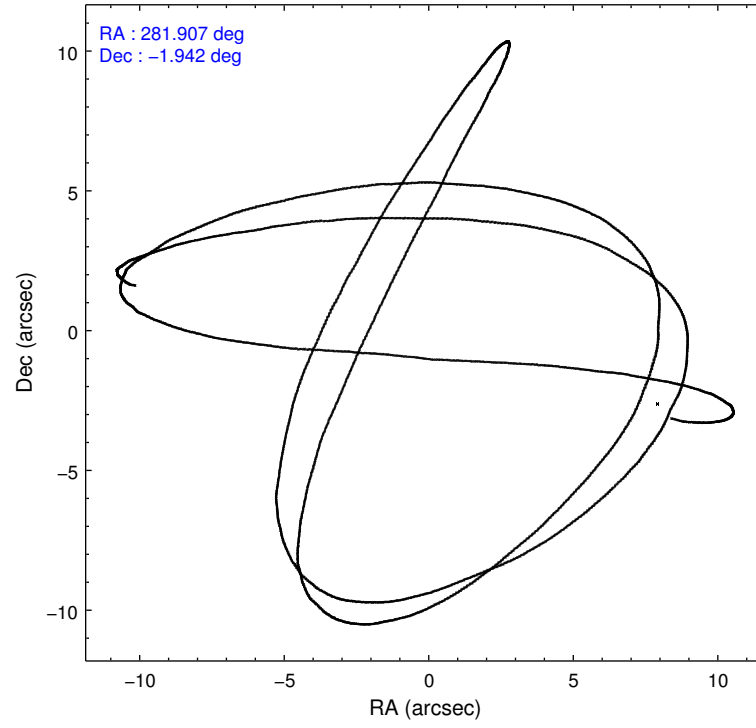
2.1.4 Events

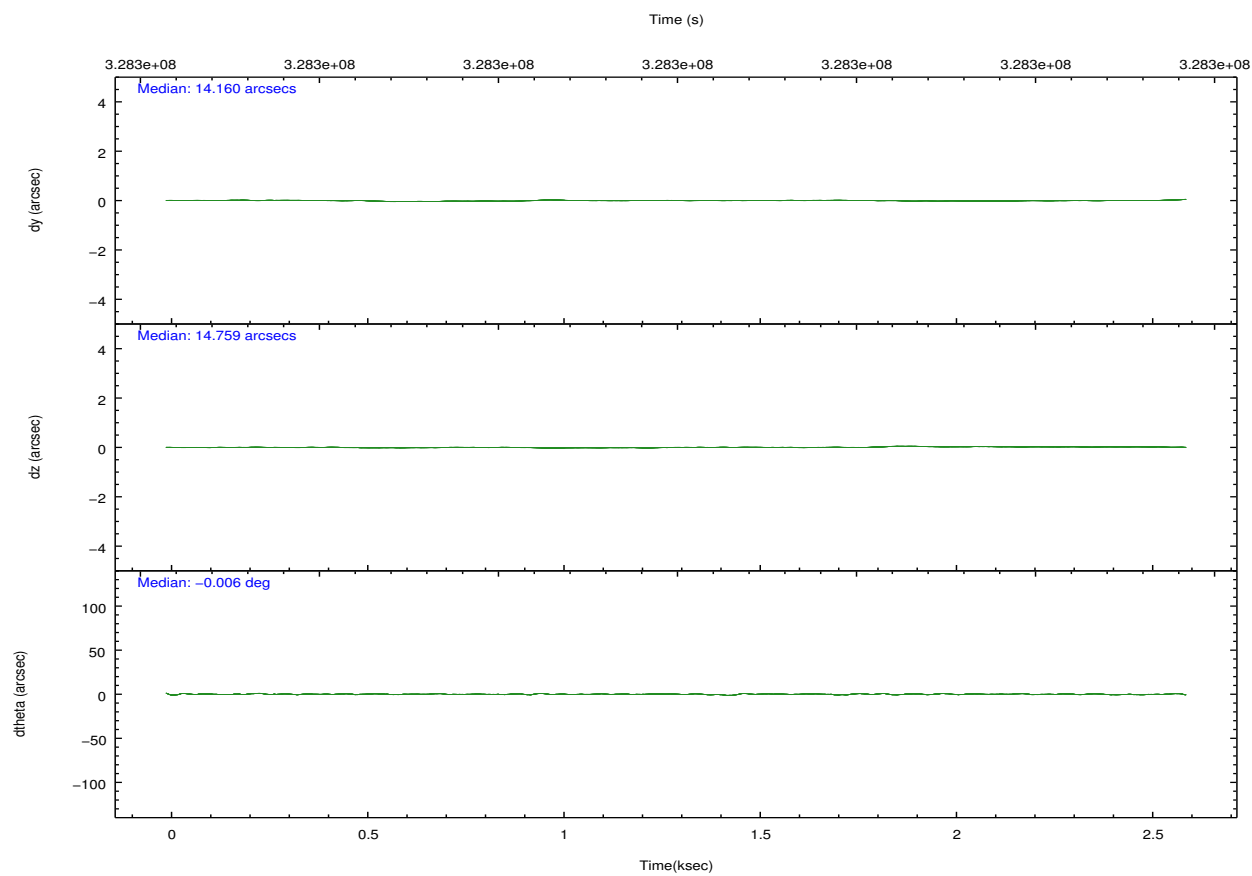
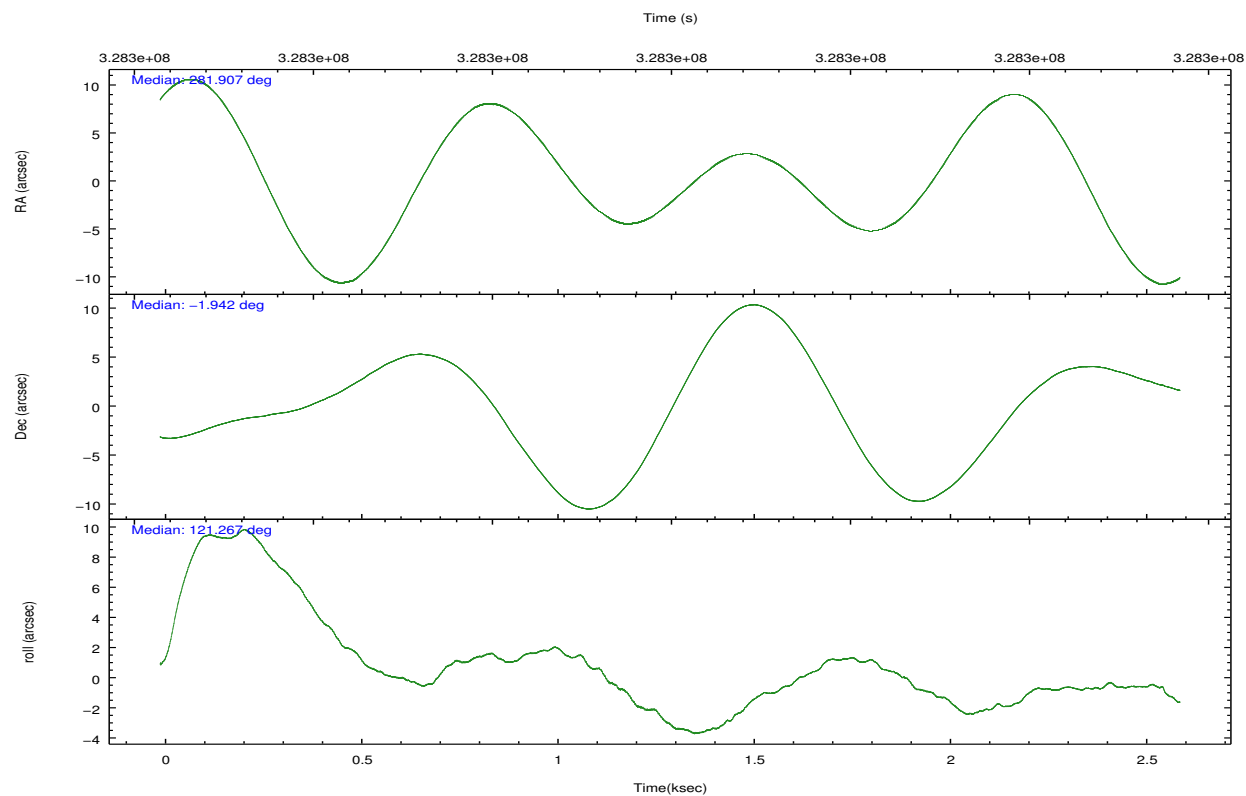
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	17258	15589	25053	16884	22775	20178	grade 0 events	815	802	1333	830	819	1467
rejected events	15273	13707	13579	14829	13229	15448		4%	5%	5%	4%	3%	7%
rejected %	88%	87%	54%	87%	58%	76%	grade 1 events	11	7	76	10	19	17
								0%	0%	0%	0%	0%	0%
							grade 2 events	446	407	3585	459	1980	1045
								2%	2%	14%	2%	8%	5%
							grade 3 events	185	176	408	192	772	471
								1%	1%	1%	1%	3%	2%
							grade 4 events	177	172	400	212	774	442
								1%	1%	1%	1%	3%	2%
							grade 5 events	630	777	1768	762	2147	1024
								3%	4%	7%	4%	9%	5%
							grade 6 events	365	330	5788	370	5218	1320
								2%	2%	23%	2%	22%	6%
							grade 7 events	14629	12918	11695	14049	11046	14392
								84%	82%	46%	83%	48%	71%

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	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	281.930680	281.9064824886429	CCD I2 on	O2	Y
[deg] Pointing Dec	-1.954609	-1.941761965483532	CCD I3 on	O3	Y
[deg] Pointing Roll	121.113522	121.2693367596847	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O1	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O5	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O4	Y
[s] Observation start time (MET)	328296084.184000	328294765.16078	CCD S5 on	N	N
Observation start date	2008-05-27T17:20:19	2008-05-27T16:59:25	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	328297785.184000	328297999.03594	On-chip summing requested	N	N
Observation end date	2008-05-27T17:48:40	2008-05-27T17:53:19	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



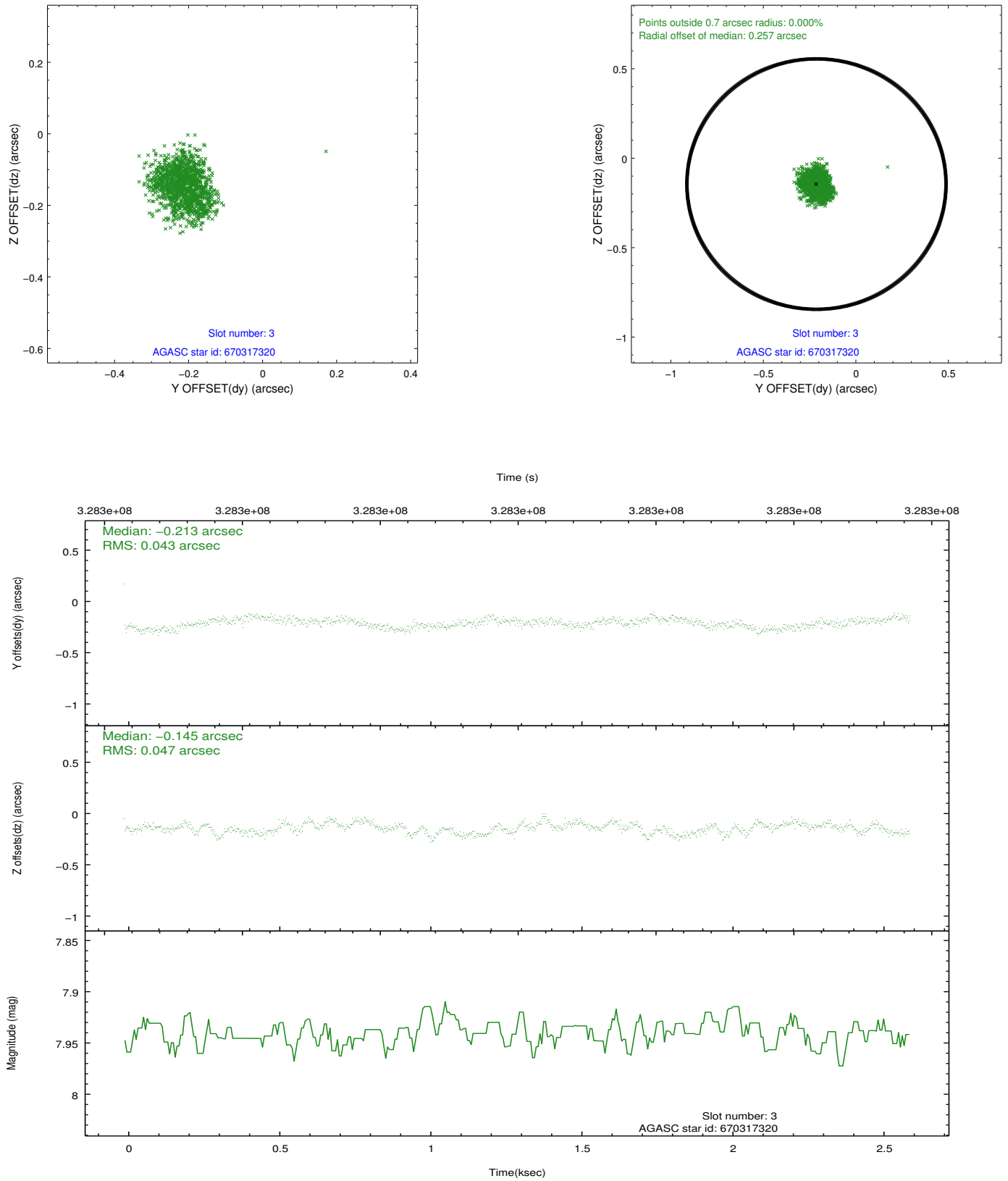


Slot Statistics

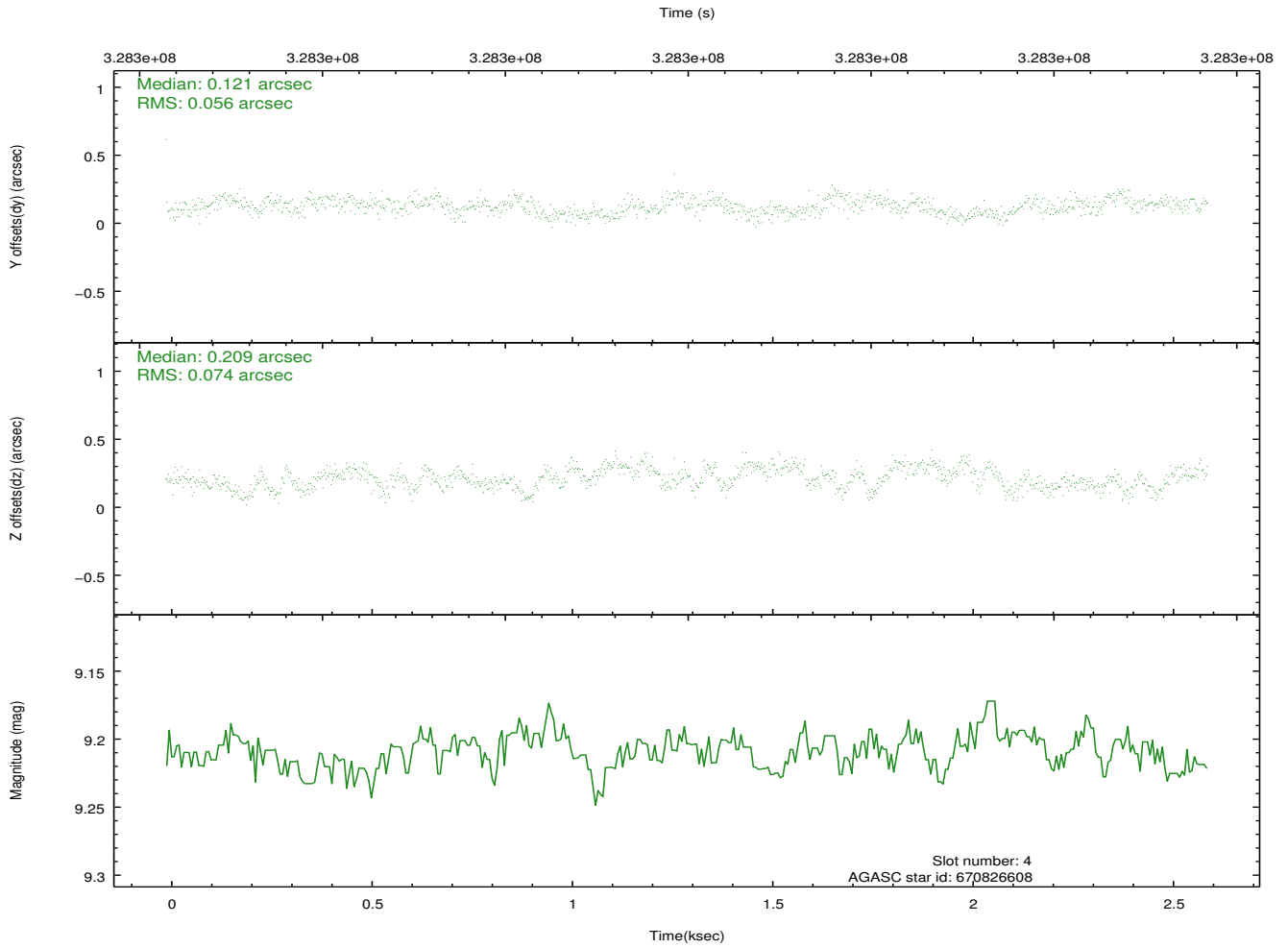
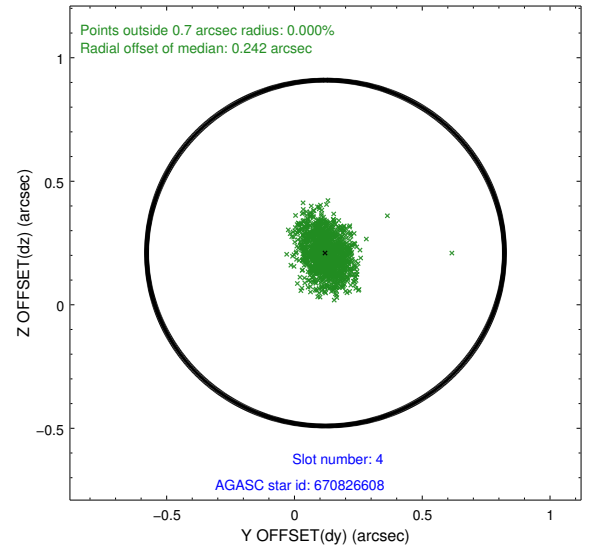
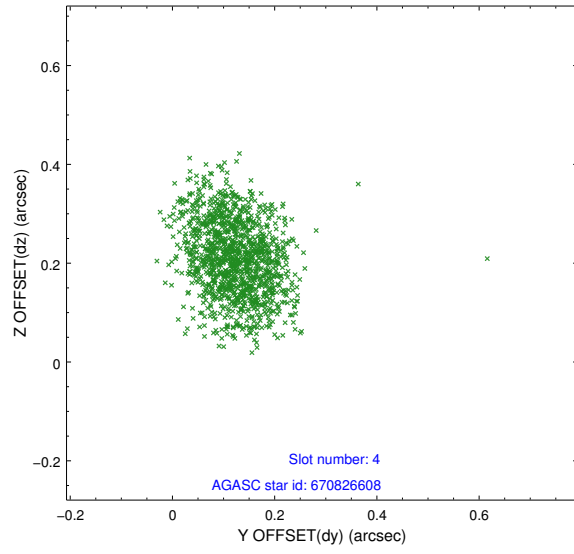
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	634	0.017	-0.001	0.007	0.011	0.000000	0.000000	928.96	-1731.76
1	FID	ACIS-S-4	6.96	634	0.139	-0.003	0.007	0.012	0.000000	0.000000	2147.85	169.84
2	FID	ACIS-S-5	6.99	634	-0.183	0.017	0.006	0.010	0.000000	0.000000	-1816.94	166.23
3	GUIDE	670317320	7.94	1268	-0.213	-0.145	0.069	0.105	281.764311	-1.843342	652.02	305.55
4	GUIDE	670826608	9.21	1269	0.121	0.209	0.097	0.156	282.595495	-2.141533	-1811.75	-1699.17
5	GUIDE	670827080	9.86	1265	0.013	-0.014	0.130	0.205	281.524319	-2.036517	501.38	1402.91
6	GUIDE	670827280	9.40	1267	-0.115	-0.015	0.097	0.158	281.434708	-1.976010	855.73	1569.62
7	GUIDE	670827848	9.69	1266	0.187	-0.031	0.120	0.192	282.233886	-2.502228	-2250.69	86.31

2.4 Star Slots

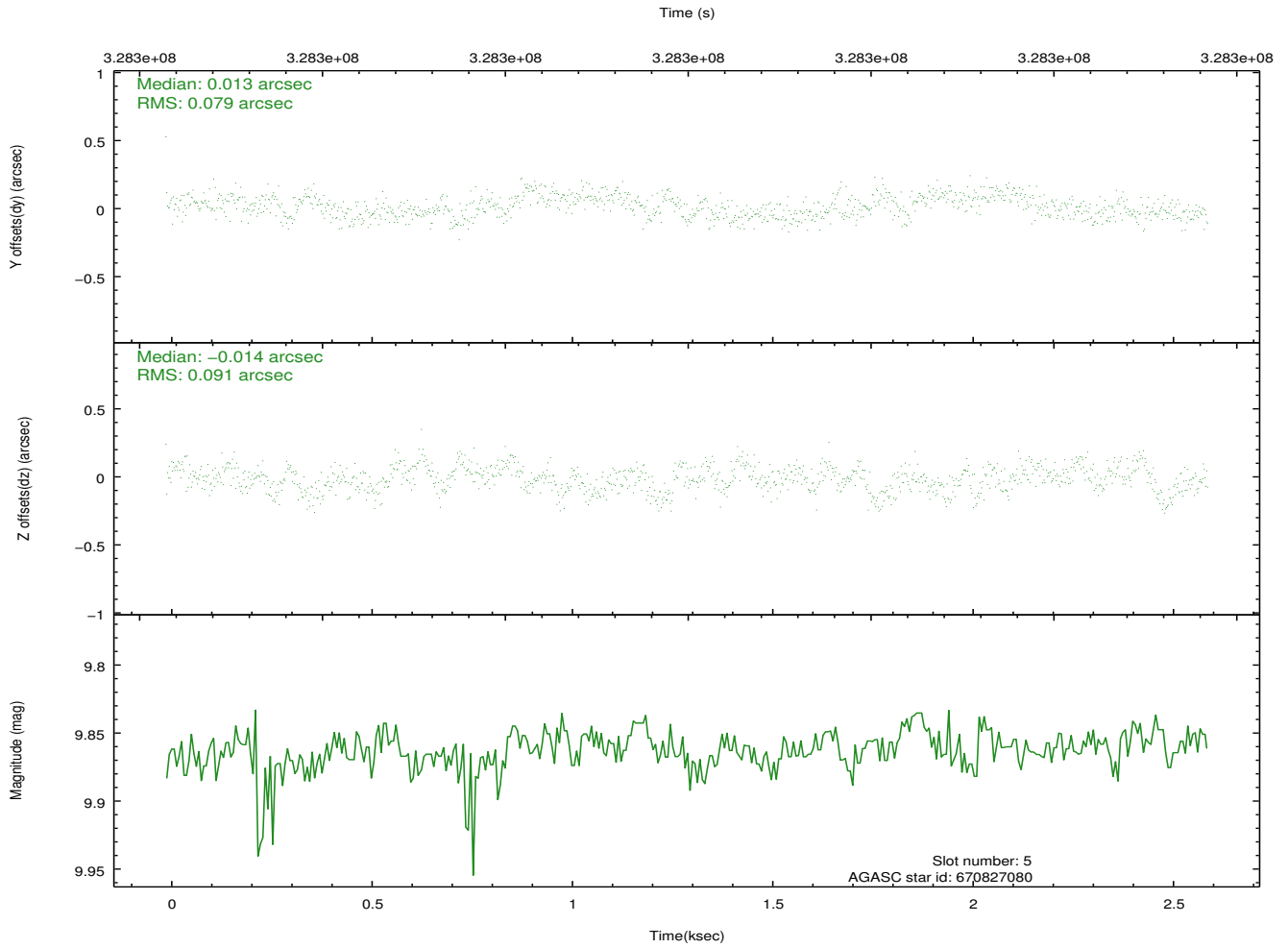
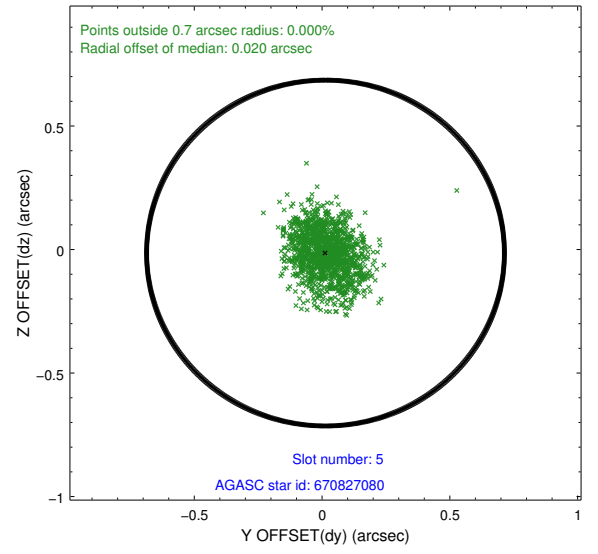
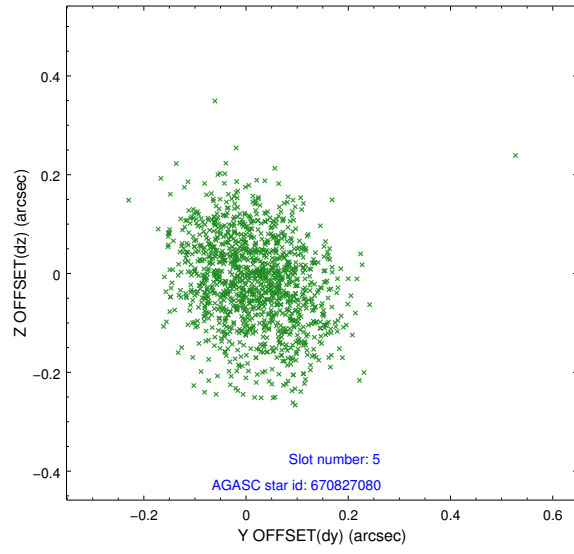
2.4.1 Slot 3



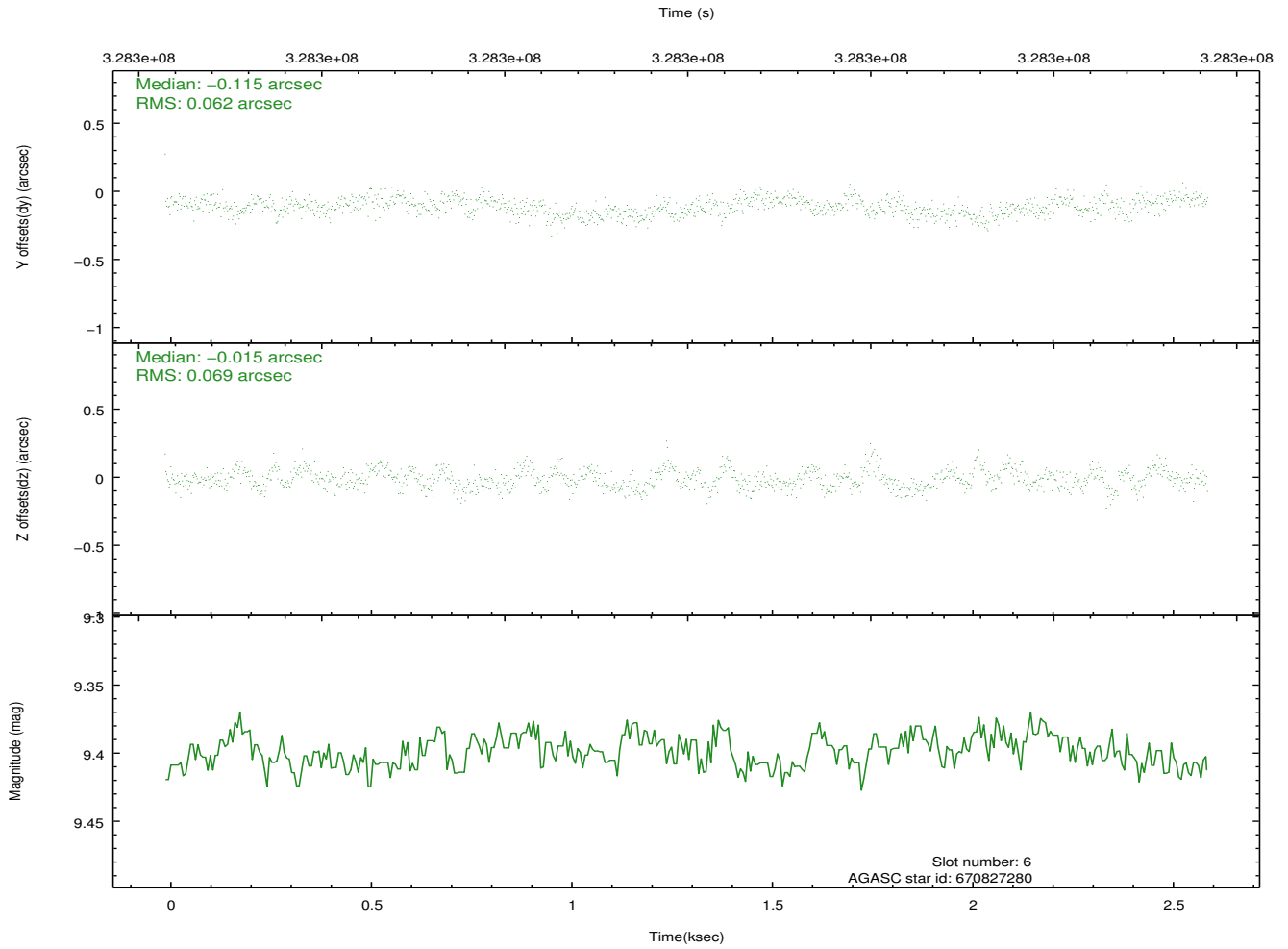
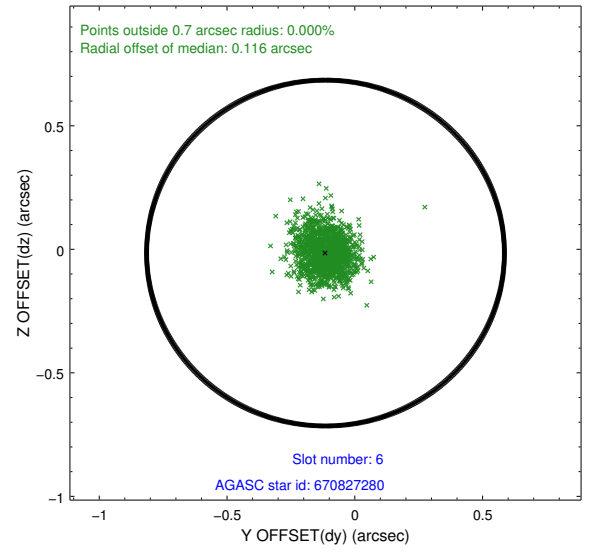
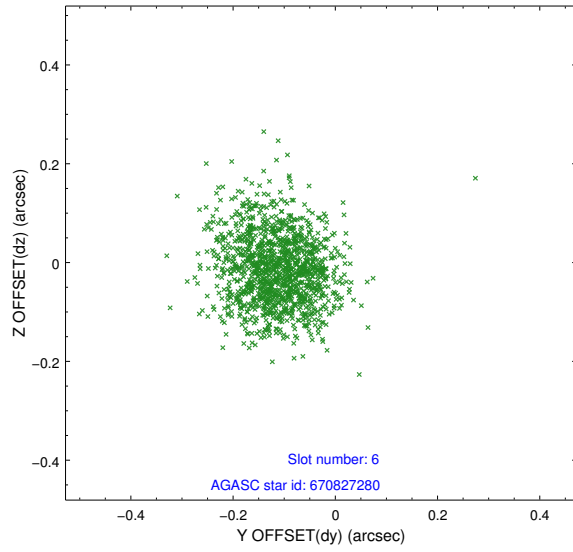
2.4.2 Slot 4



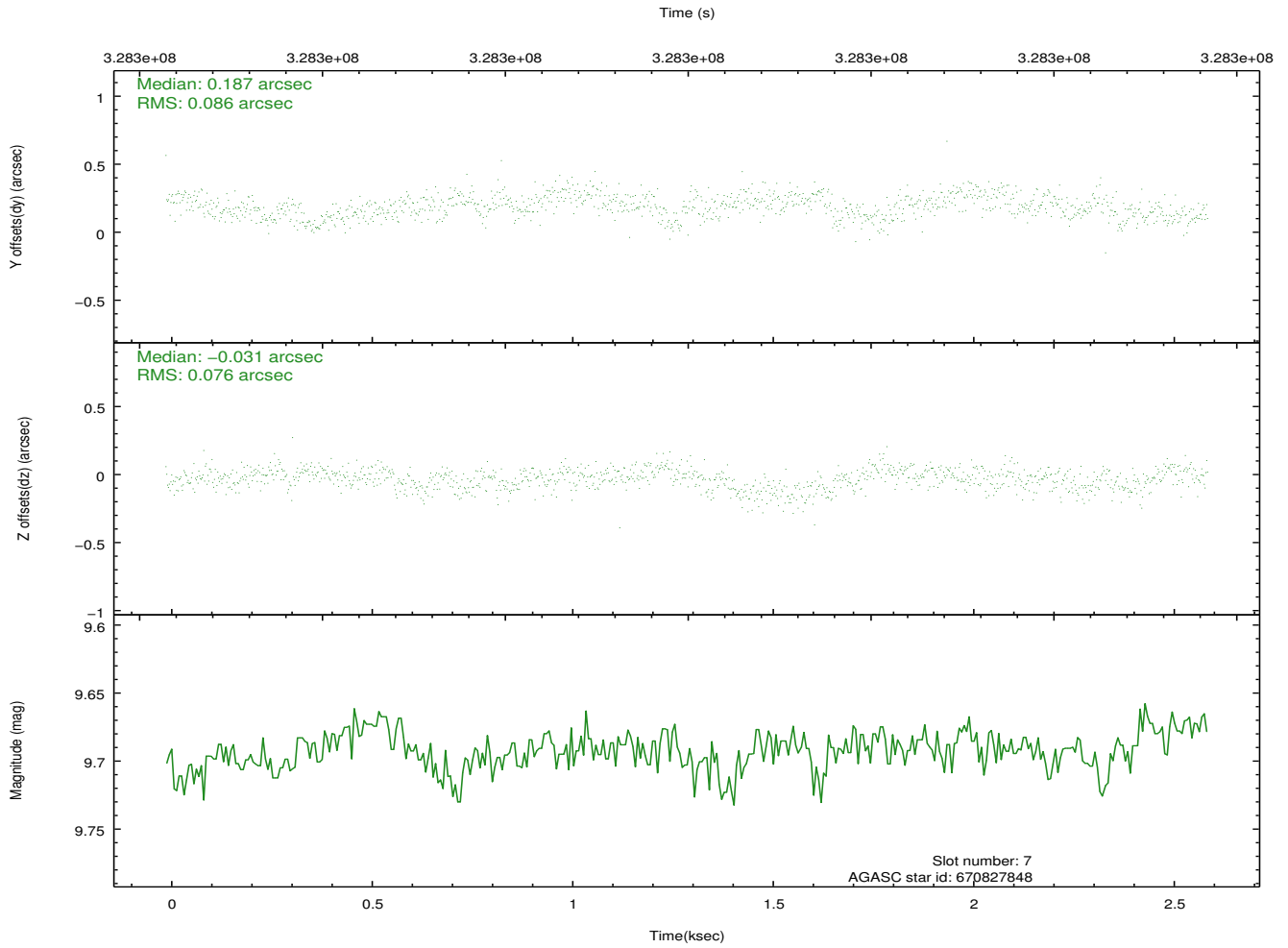
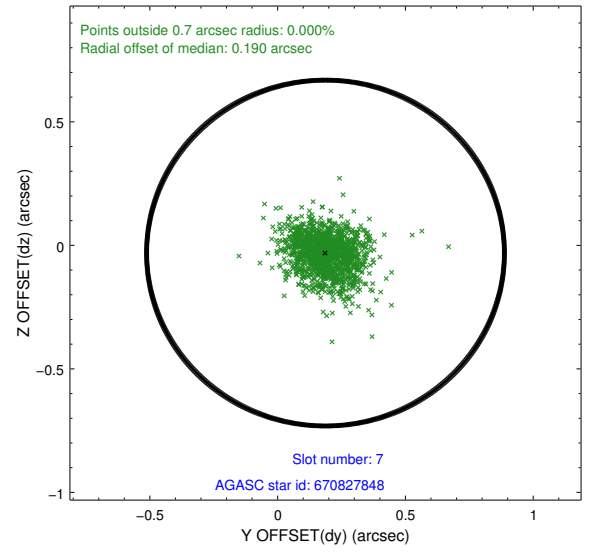
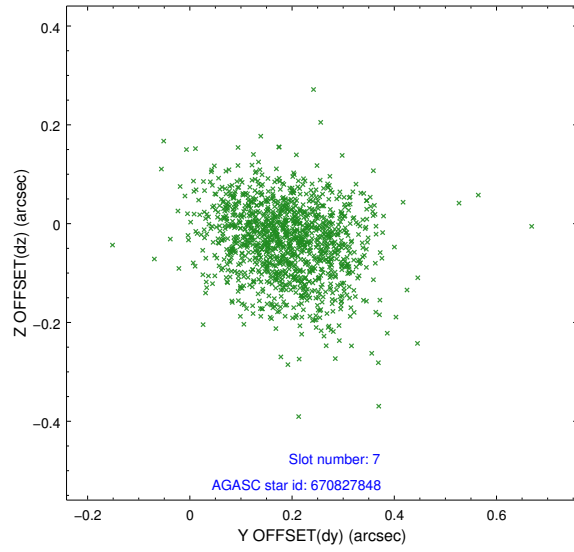
2.4.3 Slot 5



2.4.4 Slot 6

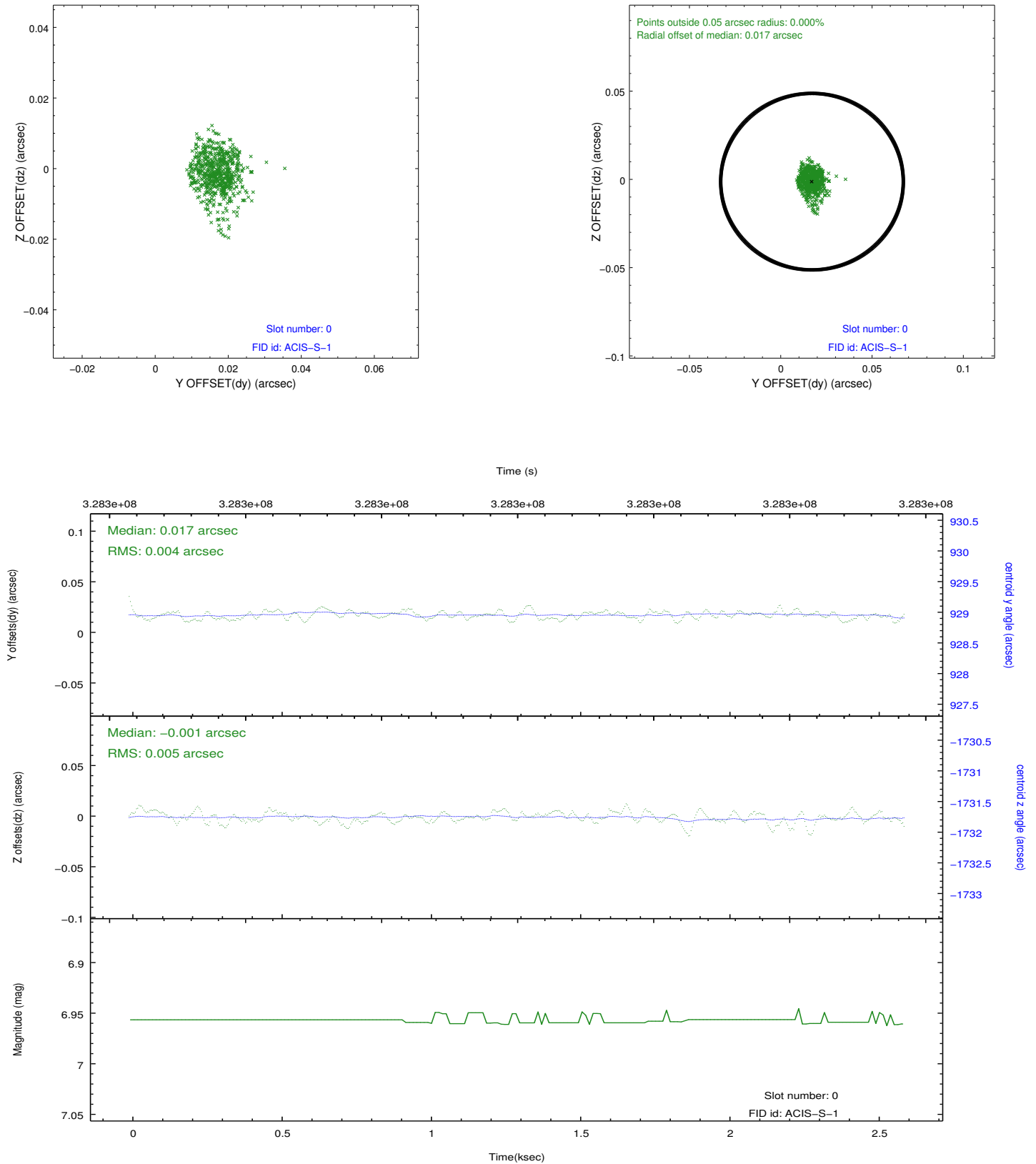


2.4.5 Slot 7

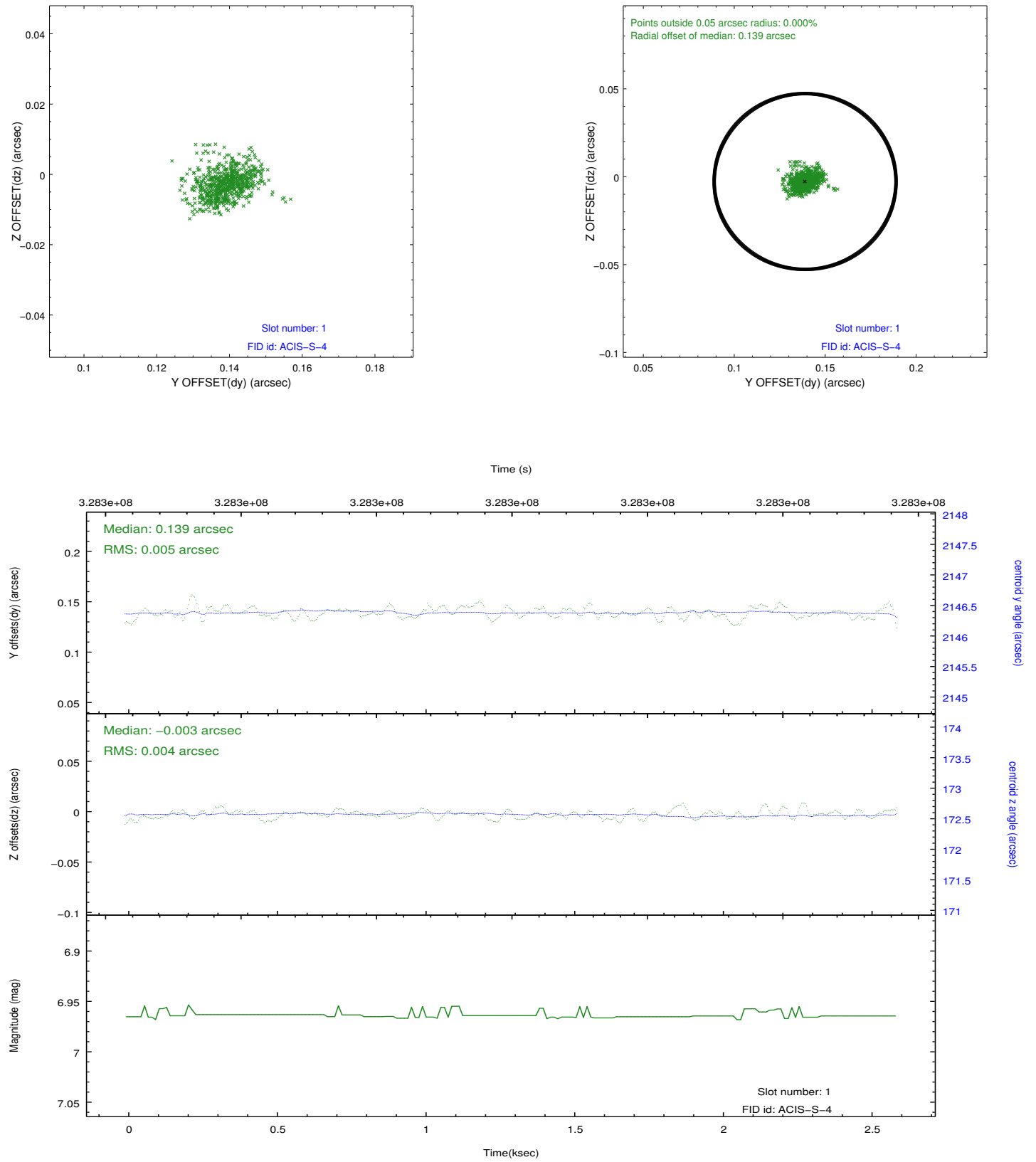


2.5 FID Slots

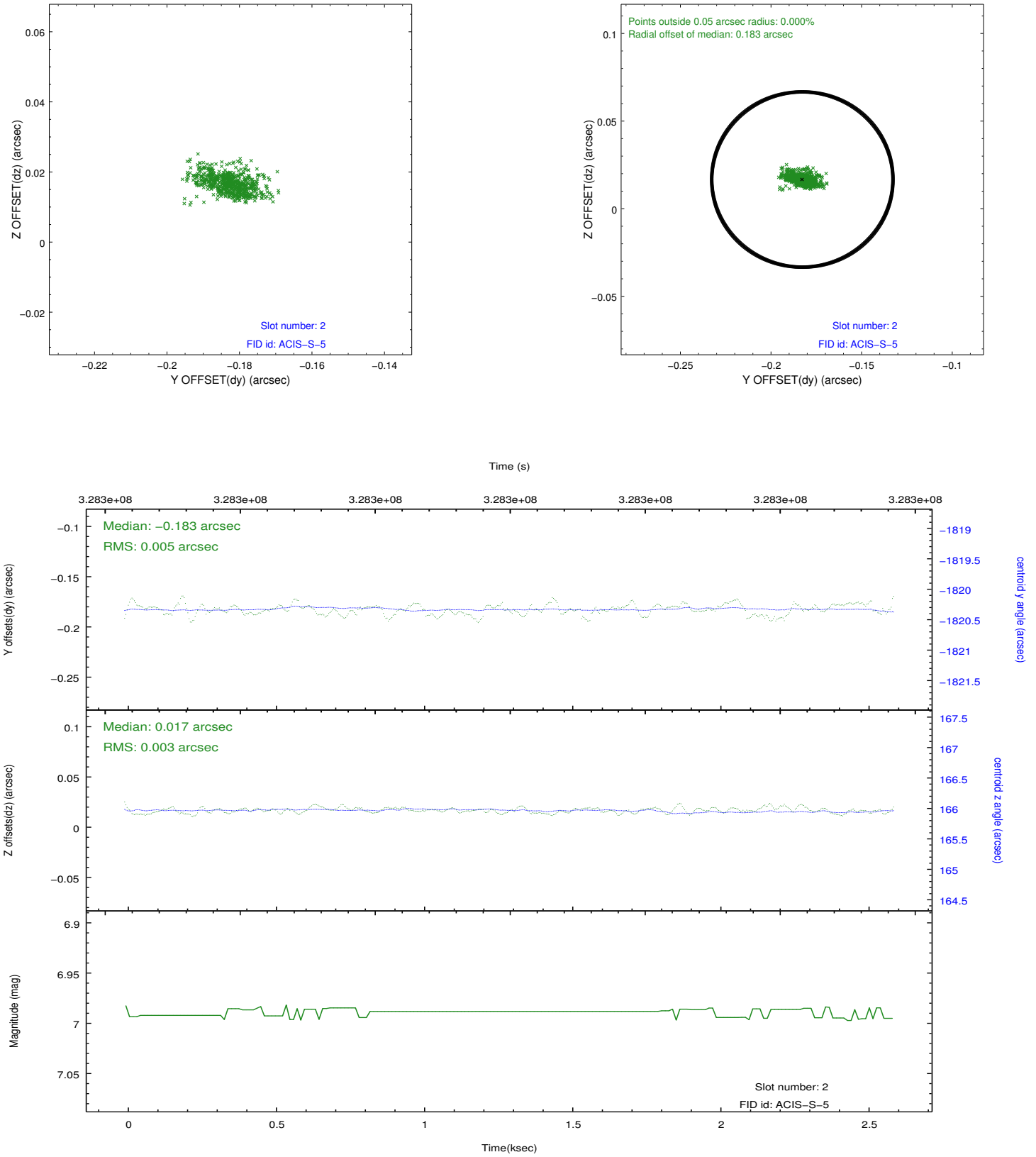
2.5.1 Slot 0



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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.65119999

A.2 Comments