

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9585 - L2 Version 2
Chandra X-Ray Center

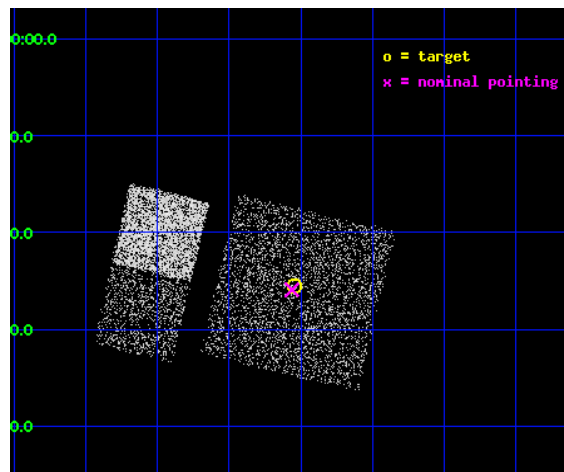
L2 Processing Date : May 25 2012

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1 Front

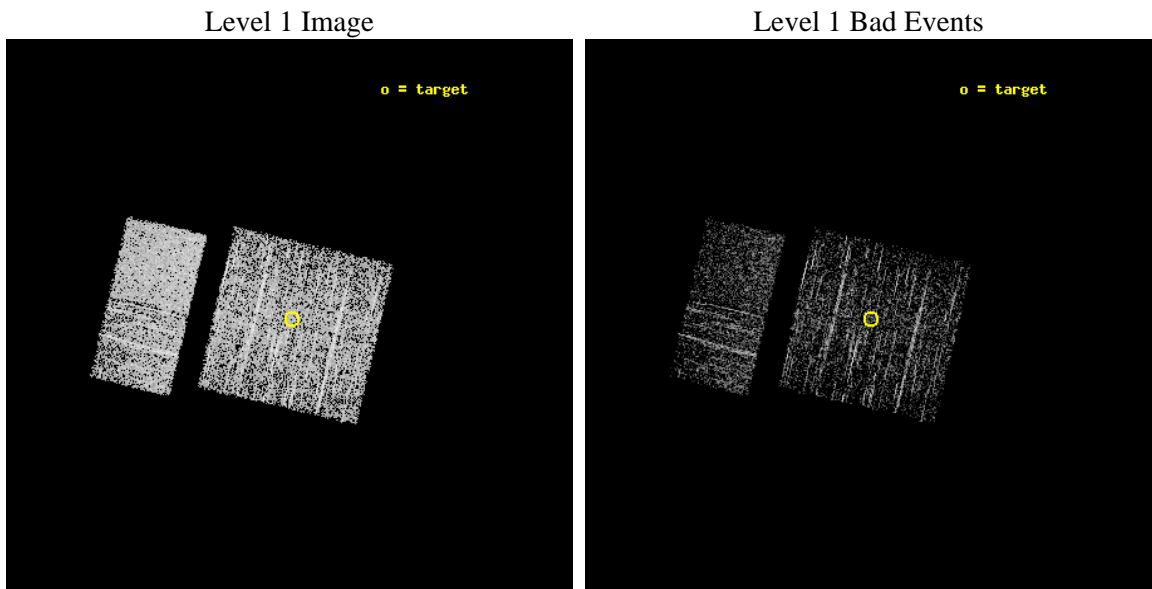
seq_num	400929	Sequence number
obs_id	9585	Observation id
title	Chandra follow-up of weak persistent sources found in INTEGRAL maps	
observer	Prof Mariano Mendez	Principal investigator
object	IGR J18462-0223	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	281.511333	Observer's specified target RA [deg]
dec_targ	-2.425217	Observer's specified target Dec [deg]
ra_nom	281.5154580254	Nominal RA [deg]
dec_nom	-2.4321735709077	Nominal Dec [deg]
roll_nom	283.25345373707	Nominal Roll [deg]
revision	2	Processing version of data
ontime	950.39999651909	Sum of GTIs [s]
livetime	938.36545950099	Livetime [s]
ontime0	950.39999651909	Sum of GTIs [s]
ontime1	950.39999651909	Sum of GTIs [s]
ontime2	950.39999651909	Sum of GTIs [s]
ontime3	950.39999651909	Sum of GTIs [s]
ontime6	950.39999651909	Sum of GTIs [s]
ontime7	950.39999651909	Sum of GTIs [s]
l2events	10886	Number of level 2 events



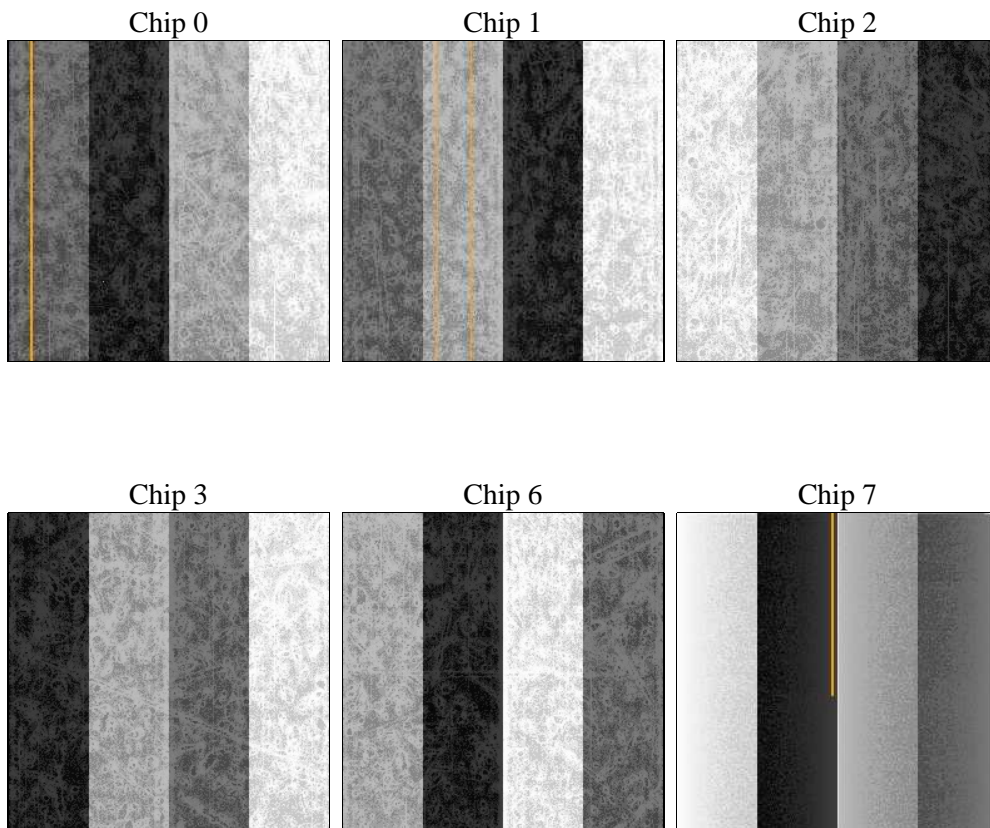
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	950.39999651909	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	950.39999651909	Sum of GTIs [s]
date	2012-05-25T04:07:41	Date and time of file creation	ontime1	950.39999651909	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	950.39999651909	Sum of GTIs [s]
			ontime3	950.39999651909	Sum of GTIs [s]
			ontime6	950.39999651909	Sum of GTIs [s]
			ontime7	950.39999651909	Sum of GTIs [s]
			l1events	62275	Number of level 1 events

2.1.4 Events

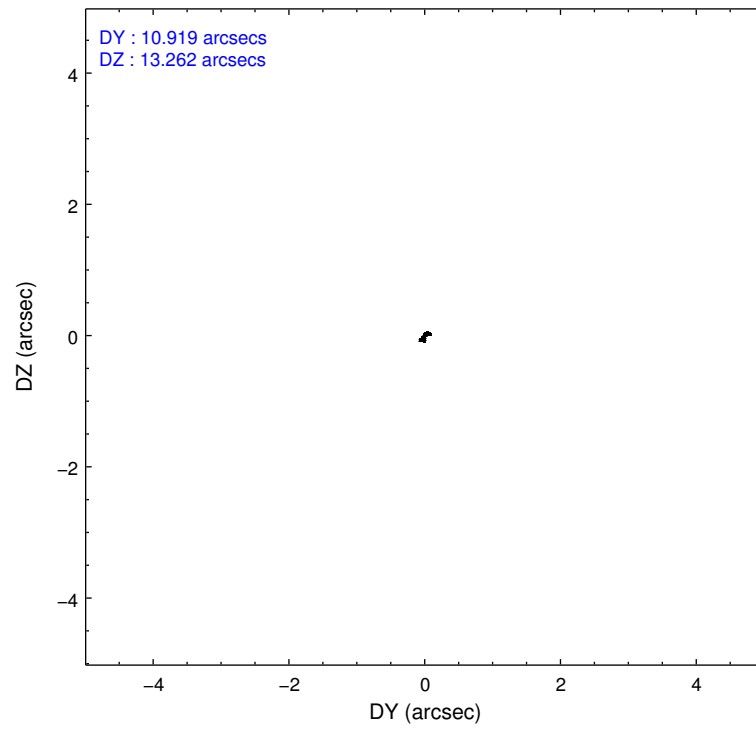
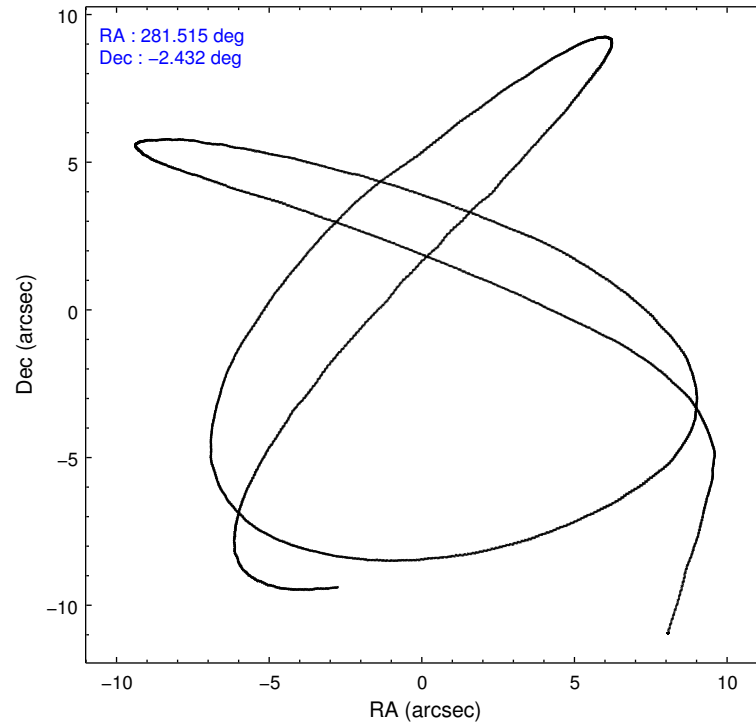
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	9383	9046	10055	9907	10505	13379
rejected events	8123	7778	8816	8753	9247	7744
rejected %	86%	85%	87%	88%	88%	57%

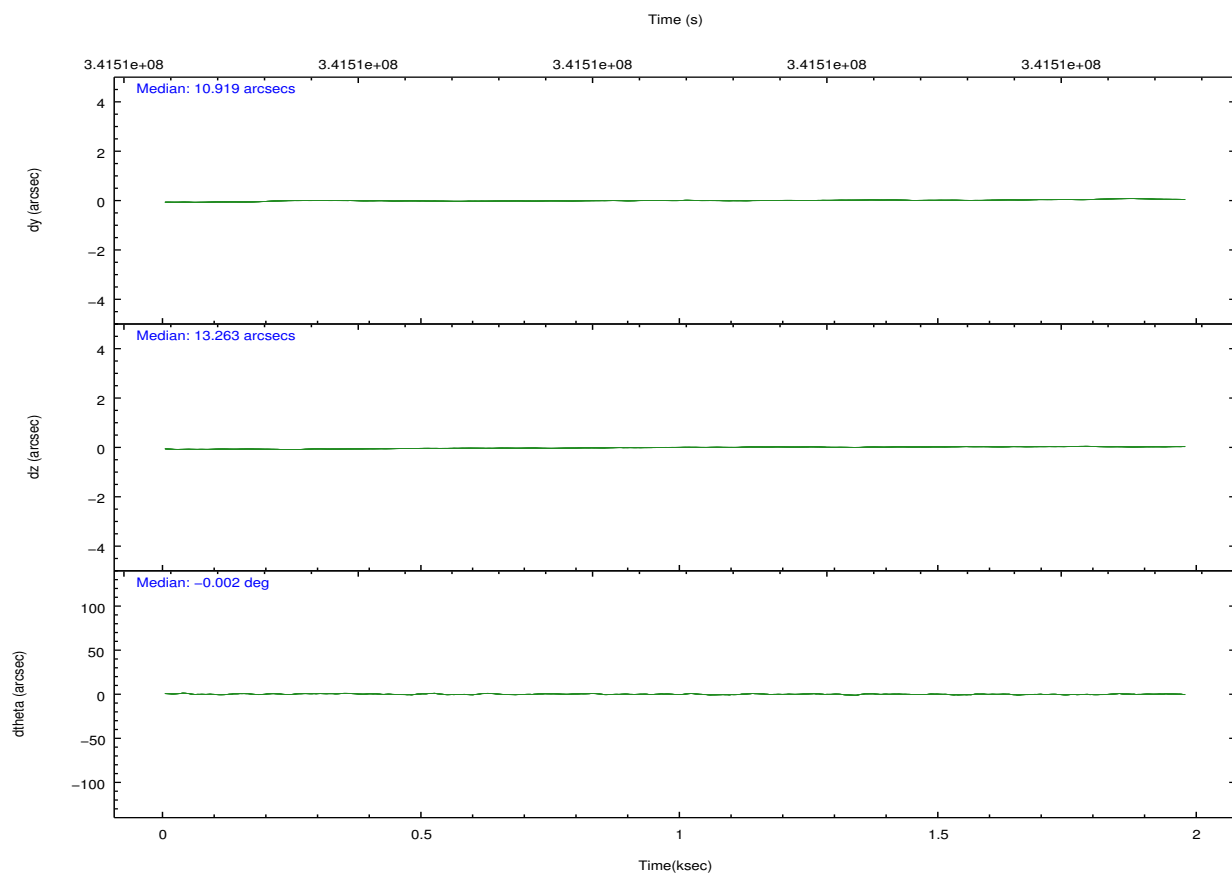
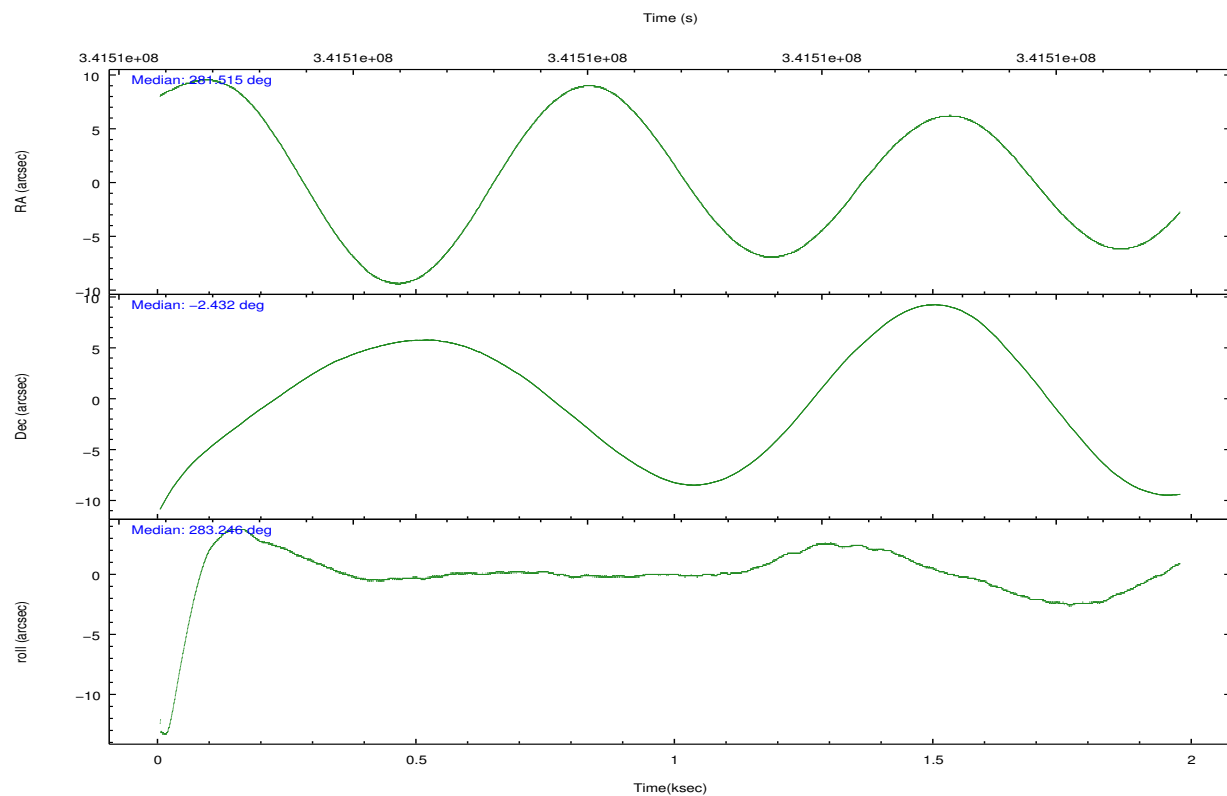
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	559	508	582	521	499	453
	5%	5%	5%	5%	4%	3%
grade 1 events	13	4	11	11	3	16
	0%	0%	0%	0%	0%	0%
grade 2 events	277	280	244	239	269	1185
	2%	3%	2%	2%	2%	8%
grade 3 events	119	133	99	101	120	455
	1%	1%	0%	1%	1%	3%
grade 4 events	97	110	111	90	111	461
	1%	1%	1%	0%	1%	3%
grade 5 events	390	425	384	470	460	1254
	4%	4%	3%	4%	4%	9%
grade 6 events	212	239	207	209	261	3097
	2%	2%	2%	2%	2%	23%
grade 7 events	7716	7347	8417	8266	8782	6458
	82%	81%	83%	83%	83%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	CCD I0 on	Y	Y
Observation mode	POINTING	POINTING	CCD I1 on	Y	Y
[deg] Pointing RA	281.496507	281.5154580253962	CCD I2 on	Y	Y
[deg] Pointing Dec	-2.412227	-2.432173570907707	CCD I3 on	Y	Y
[deg] Pointing Roll	283.044082	283.2534537370655	CCD S0 on	N	N
[mm] SIM focus pos	-0.782348	-0.7809083437167272	CCD S1 on	N	N
[mm] SIM defocus	0	0.001439871863259334	CCD S2 on	O1	Y
[mm] SIM translation stage pos	-233.592463	-233.5874344608287	CCD S3 on	O2	Y
[mm] SIM translation stage offset	0	-0.005018542100998502	CCD S4 on	N	N
[s] Observation start time (MET)	341510163.184000	341508806.76882	CCD S5 on	N	N
Observation start date	2008-10-27T15:54:58	2008-10-27T15:33:26	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	341511163.184000	341511776.70647	On-chip summing requested	N	N
Observation end date	2008-10-27T16:11:38	2008-10-27T16:22:56	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



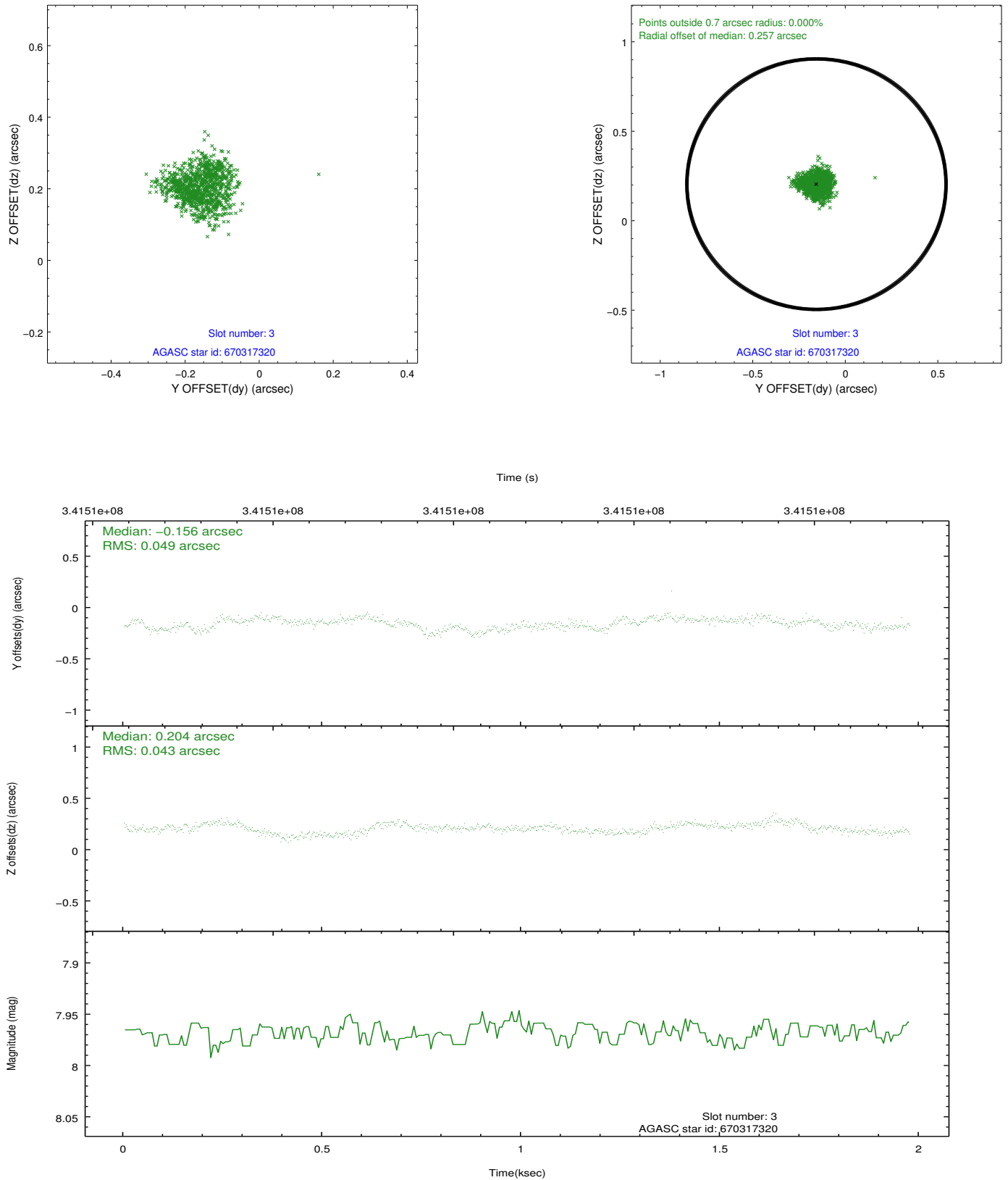


Slot Statistics

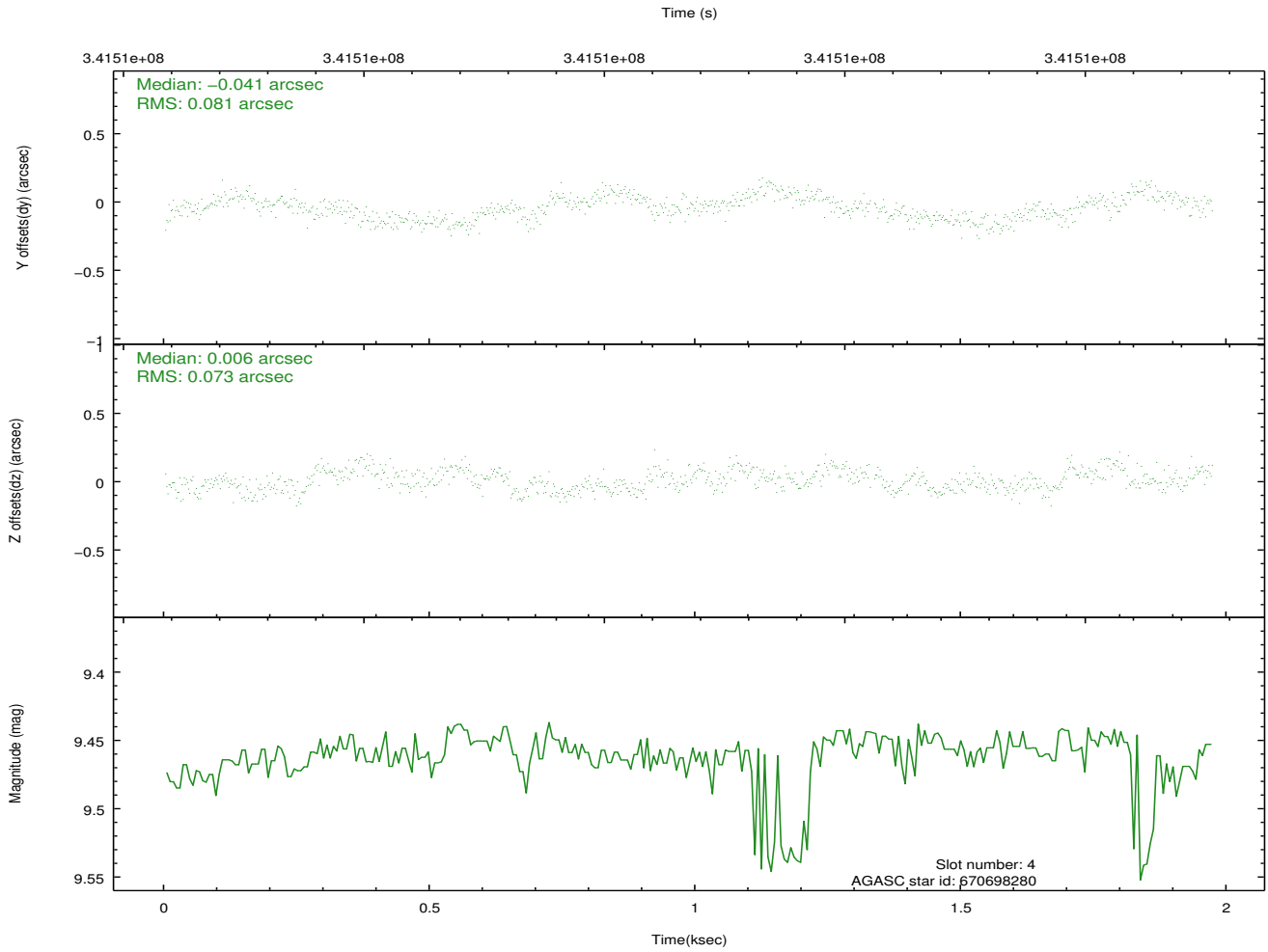
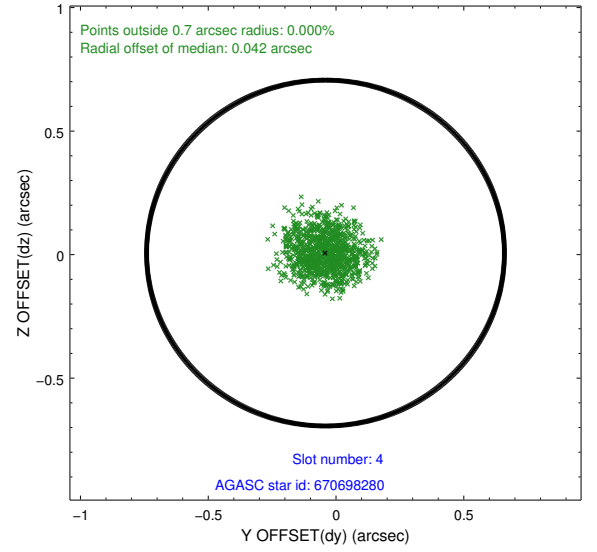
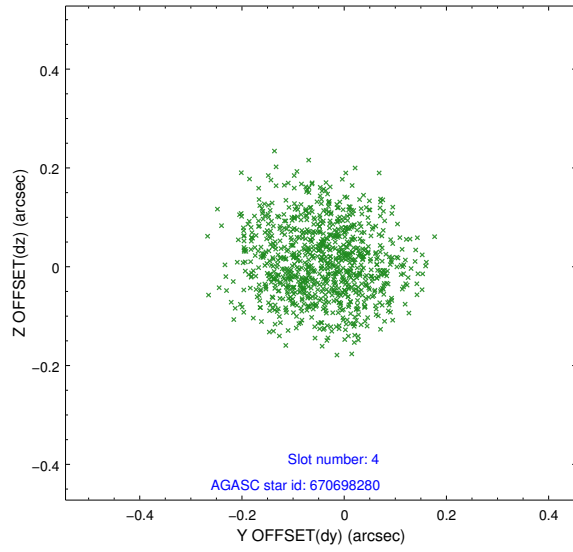
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.03	482	0.040	0.017	0.007	0.011	0.000000	0.000000	928.69	-836.79
1	FID	ACIS-I-5	7.02	482	-0.177	0.061	0.006	0.009	0.000000	0.000000	-1817.79	1059.09
2	FID	ACIS-I-6	7.03	482	0.046	-0.007	0.006	0.011	0.000000	0.000000	390.64	1707.28
3	GUIDE	670317320	7.97	964	-0.156	0.204	0.070	0.107	281.764311	-1.843342	-1777.64	1401.07
4	GUIDE	670698280	9.46	959	-0.041	0.006	0.121	0.180	281.071617	-2.124861	-1354.03	-1254.31
5	GUIDE	670714008	9.05	964	0.329	-0.165	0.102	0.167	281.129237	-3.153193	2300.42	-1889.34
6	GUIDE	670829704	8.60	958	-0.065	-0.037	0.063	0.109	281.322555	-2.956964	1772.10	-1053.56
7	GUIDE	670829768	7.45	963	-0.056	-0.006	0.048	0.078	281.927934	-2.010470	-1056.63	1837.41

2.4 Star Slots

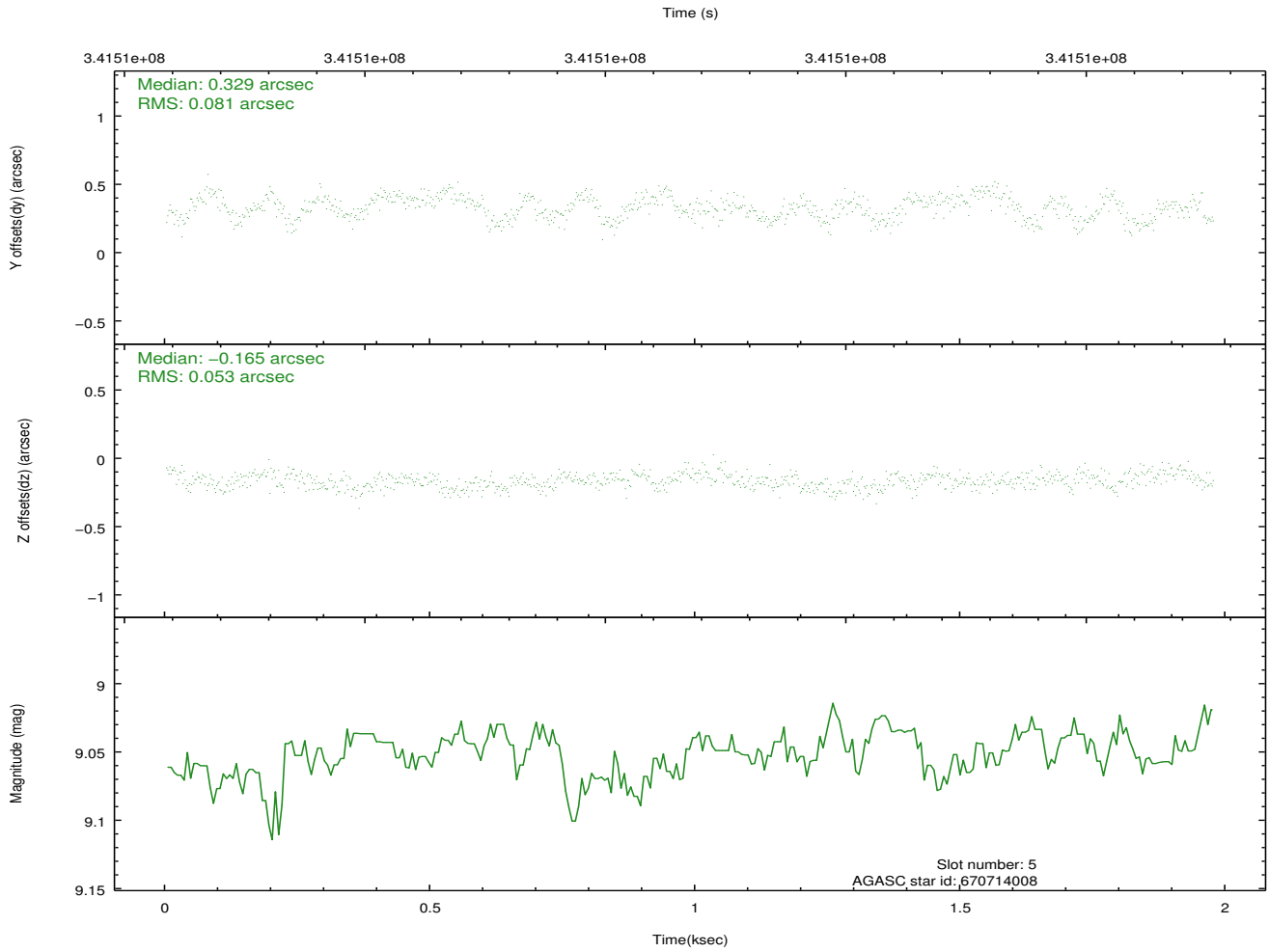
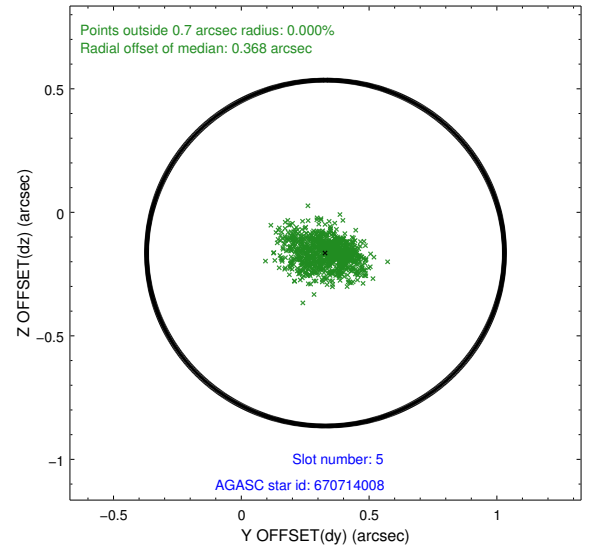
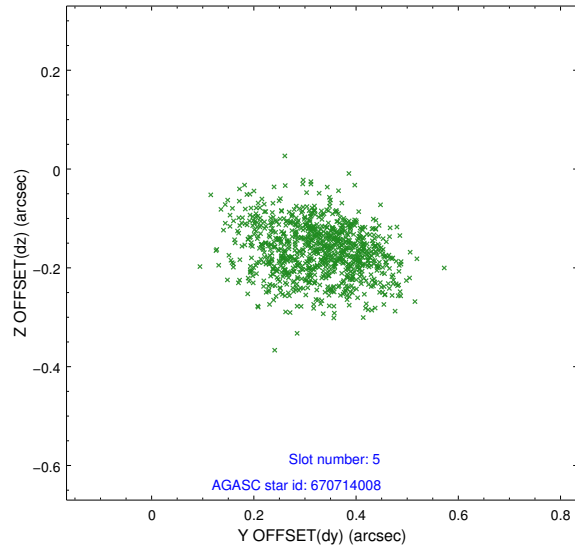
2.4.1 Slot 3



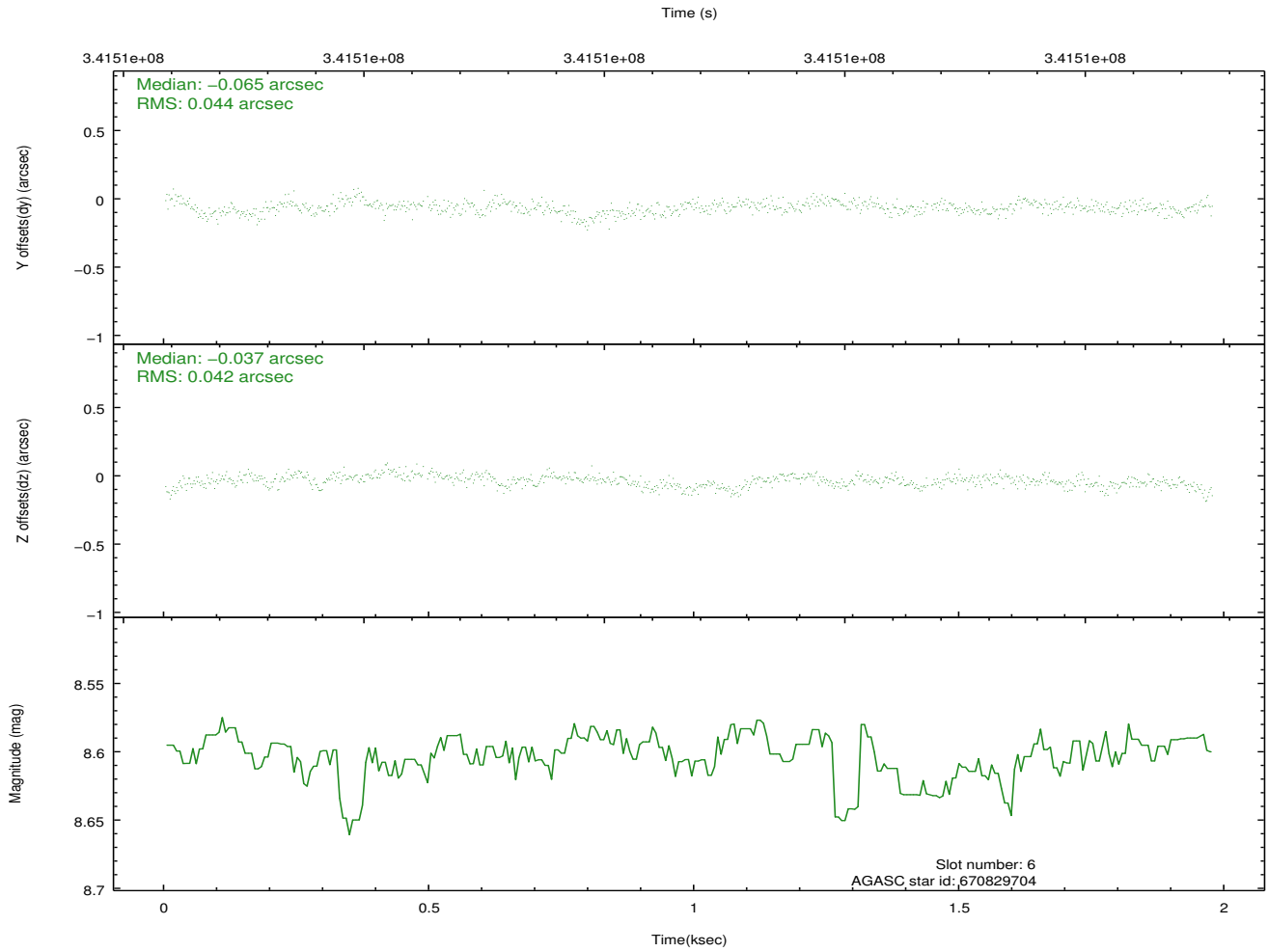
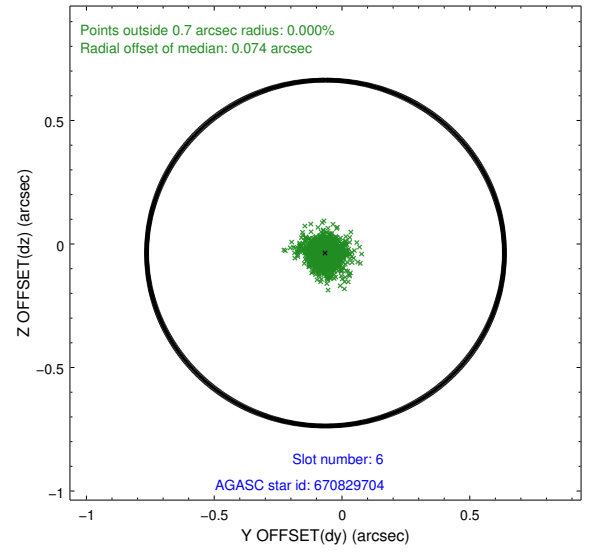
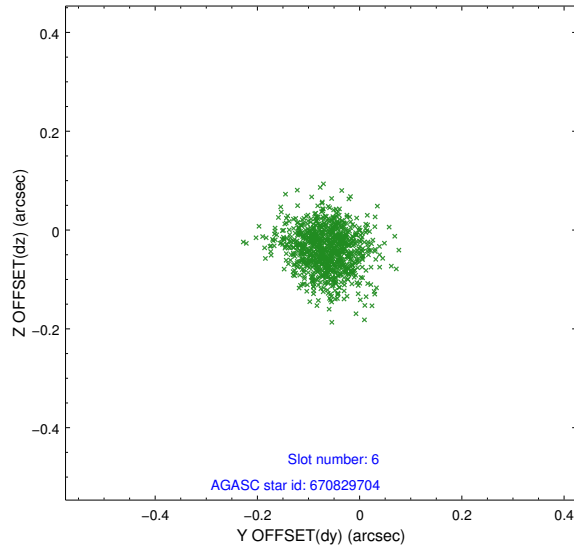
2.4.2 Slot 4



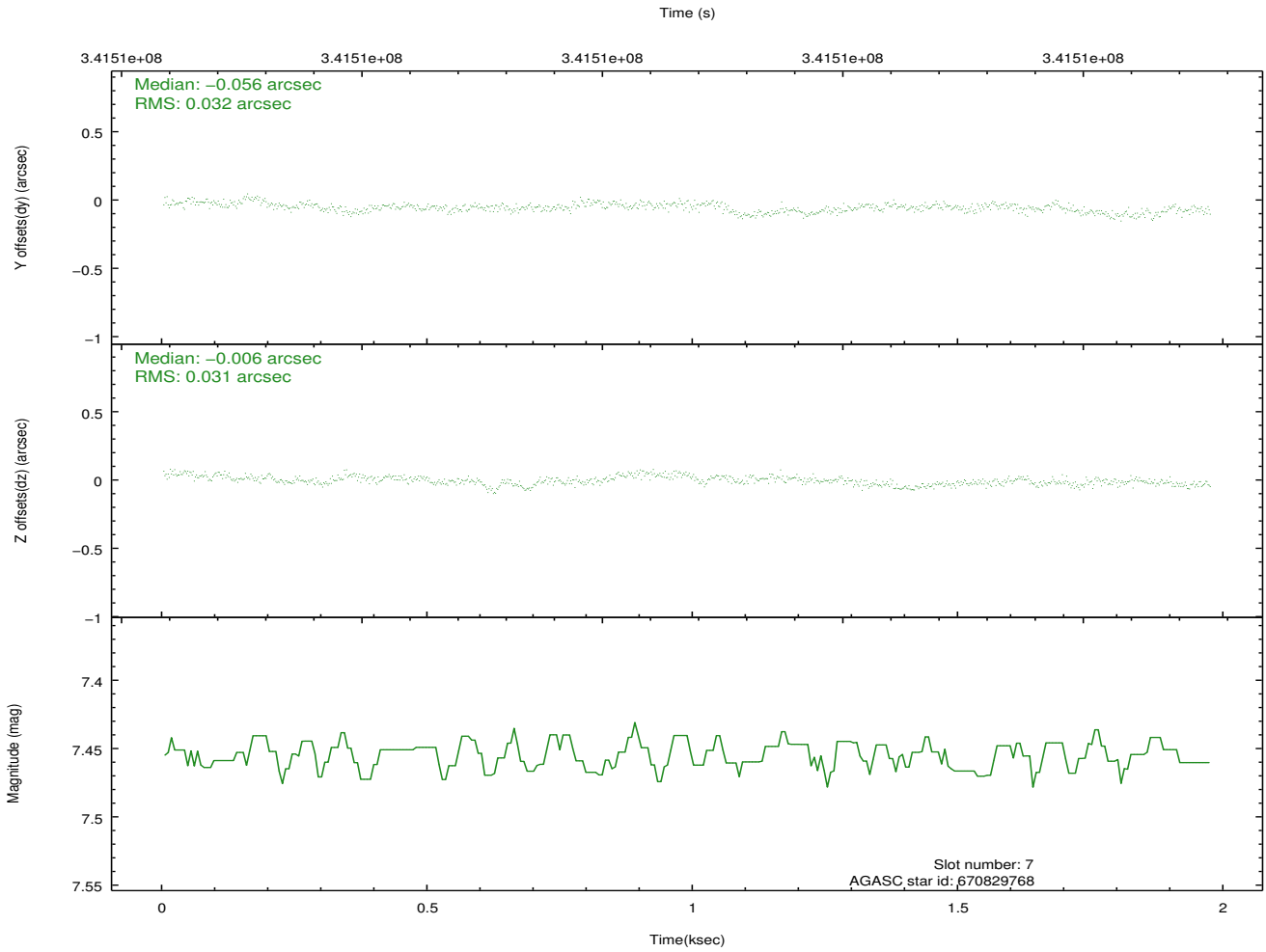
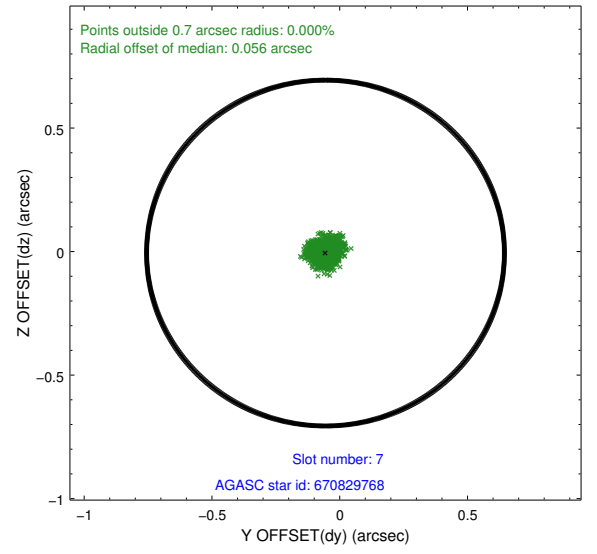
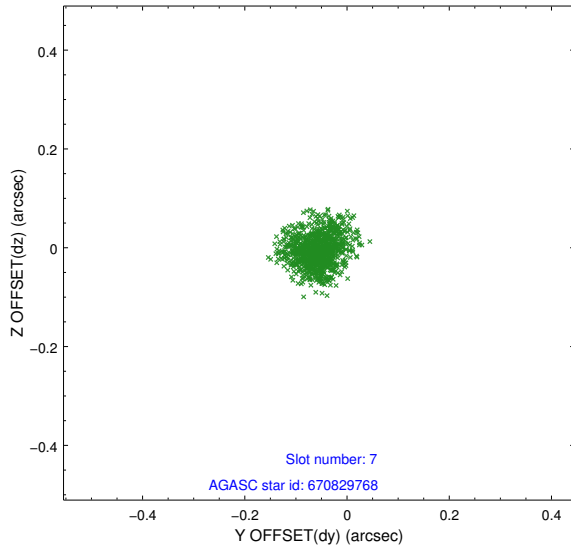
2.4.3 Slot 5



2.4.4 Slot 6

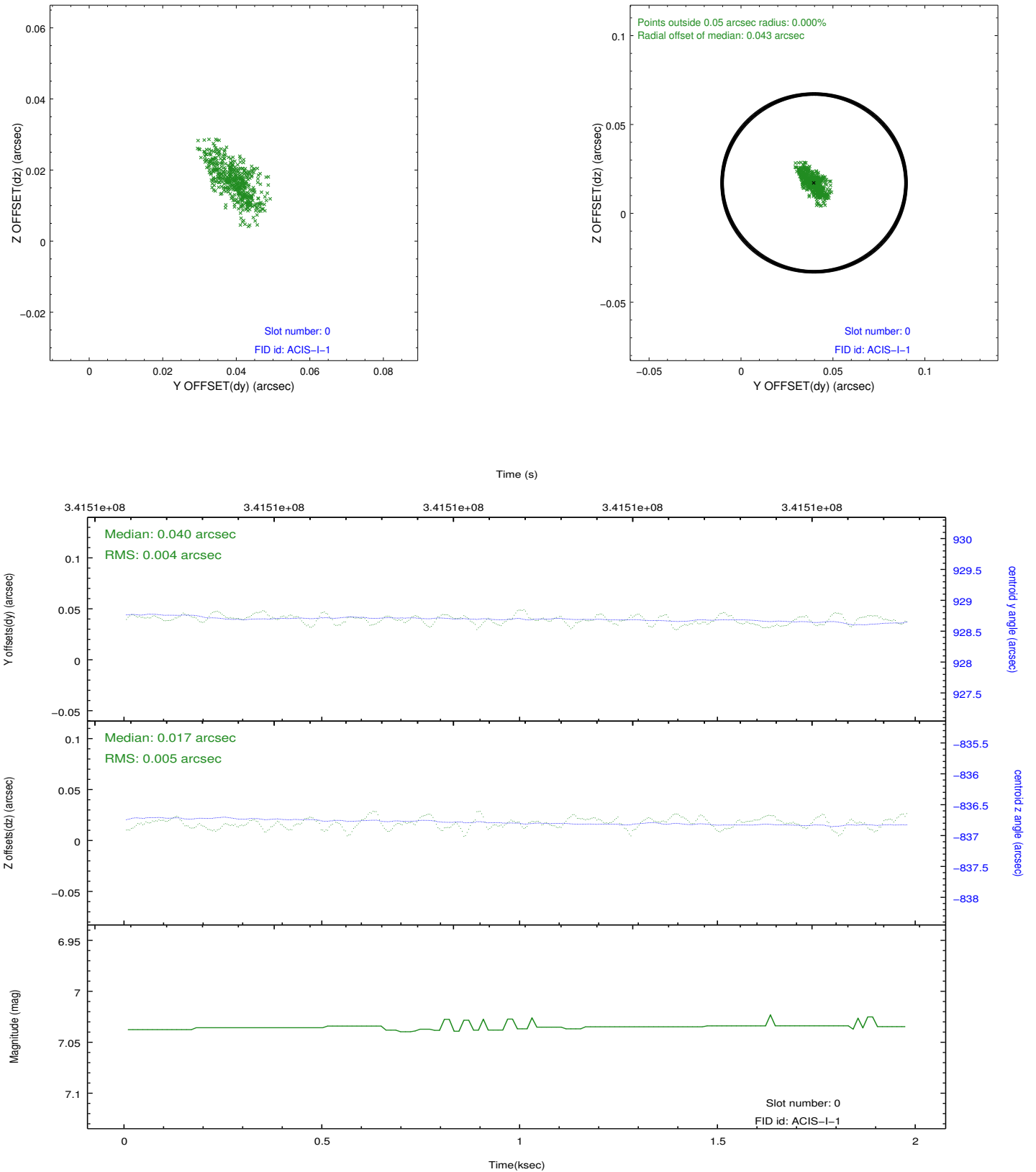


2.4.5 Slot 7

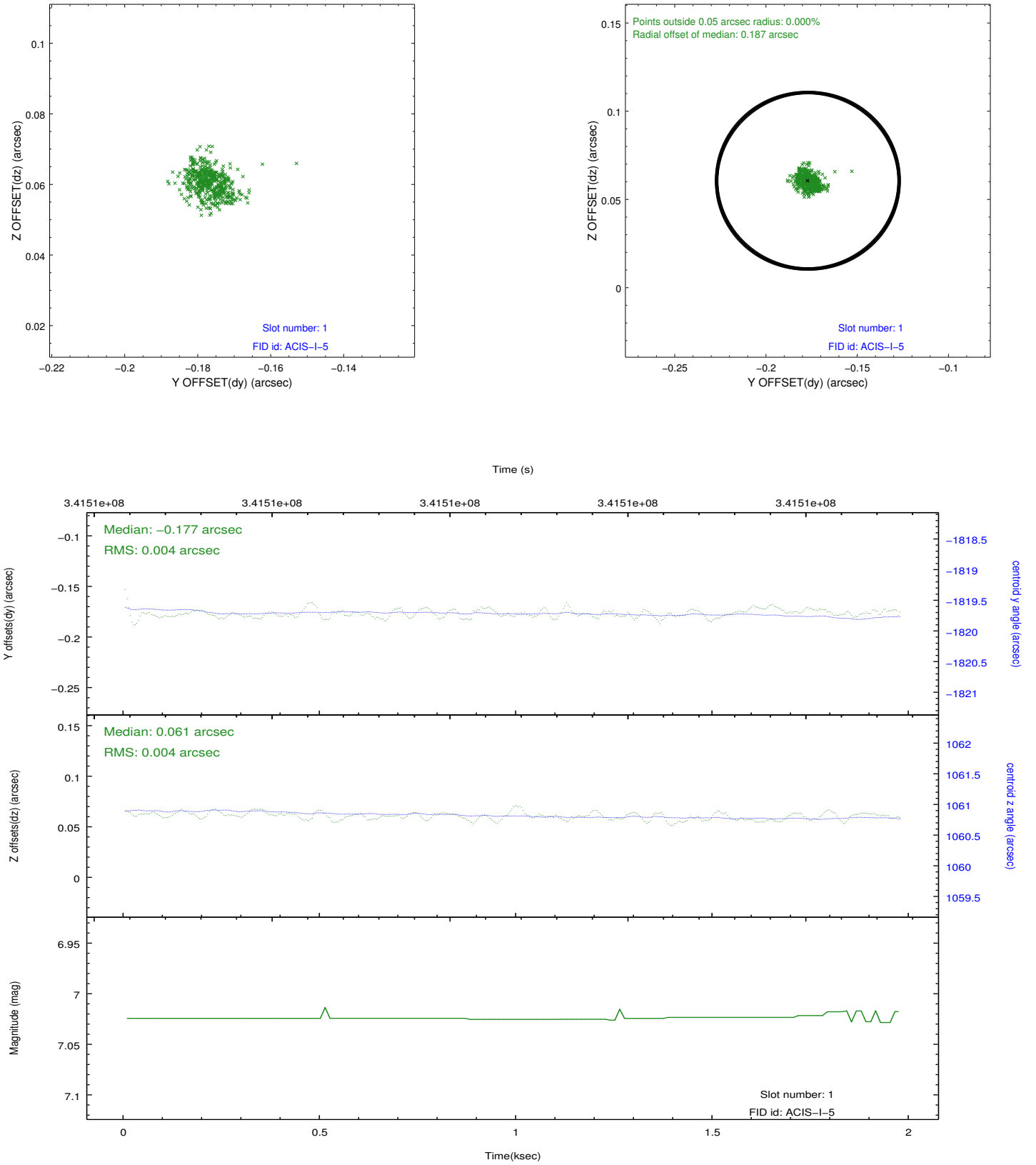


2.5 FID Slots

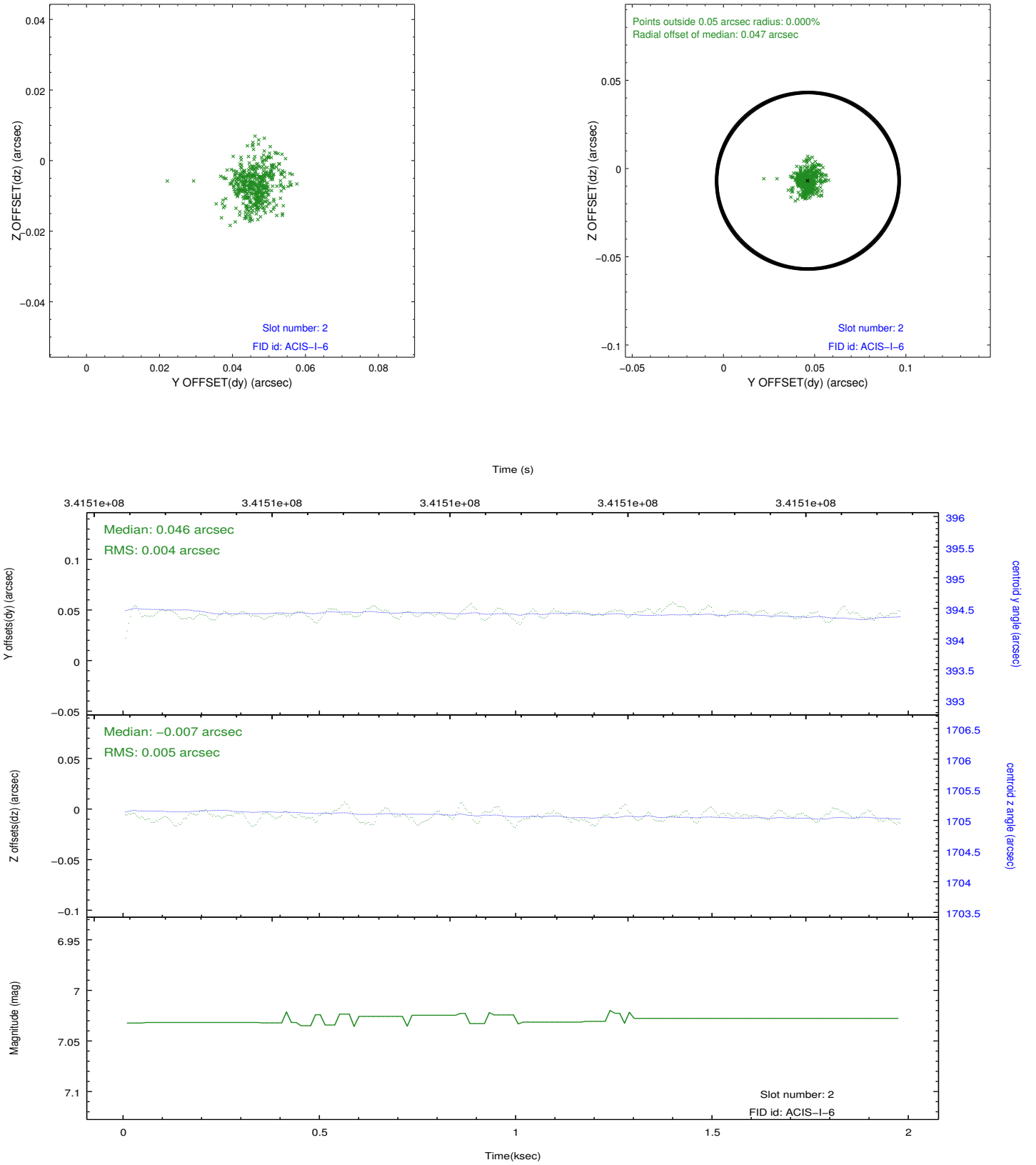
2.5.1 Slot 0



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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.95039999

A.2 Comments