

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13800 - L2 Version 1
Chandra X-Ray Center

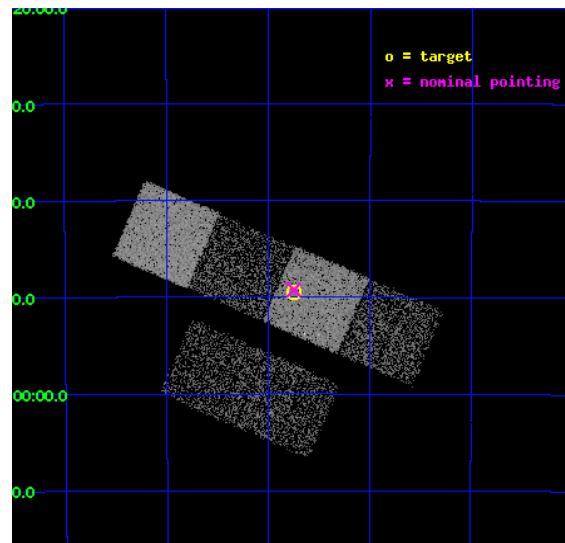
L2 Processing Date : Mar 29 2012

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1 Front

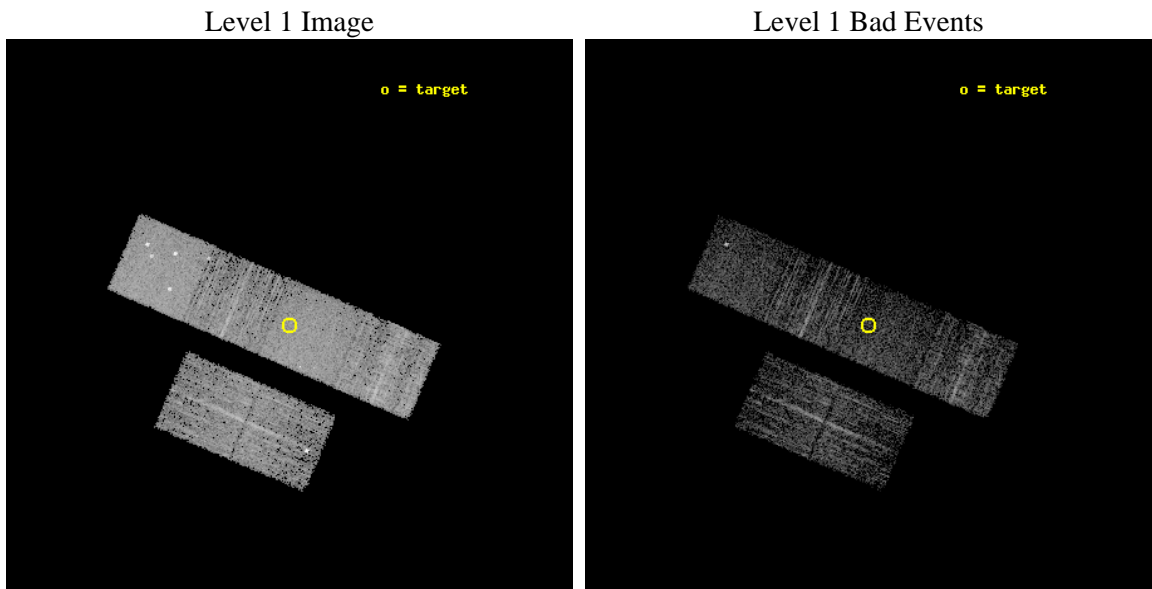
seq_num	501632	Sequence number
obs_id	13800	Observation id
title	A CASE OF MISTAKEN IDENTITY: DISRUPTED RECYCLED PULSARS OR ORPHANED ANTI-MAGNETARS?	Proposal title
observer	Prof. Dr. Bruce Allen	Principal investigator
object	PSR J1333-4449	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	203.436667	Observer's specified target RA [deg]
dec_targ	-44.823944	Observer's specified target Dec [deg]
ra_nom	203.43748009082	Nominal RA [deg]
dec_nom	-44.820822965944	Nominal Dec [deg]
roll_nom	23.247591156727	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3464.2870697975	Sum of GTIs [s]
livetime	3420.4201809765	Livetime [s]
ontime2	3464.3281098008	Sum of GTIs [s]
ontime3	3464.1639497876	Sum of GTIs [s]
ontime5	3464.2460297942	Sum of GTIs [s]
ontime6	3464.2049897909	Sum of GTIs [s]
ontime7	3464.2870697975	Sum of GTIs [s]
ontime8	3464.1229097843	Sum of GTIs [s]
l2events	34126	Number of level 2 events



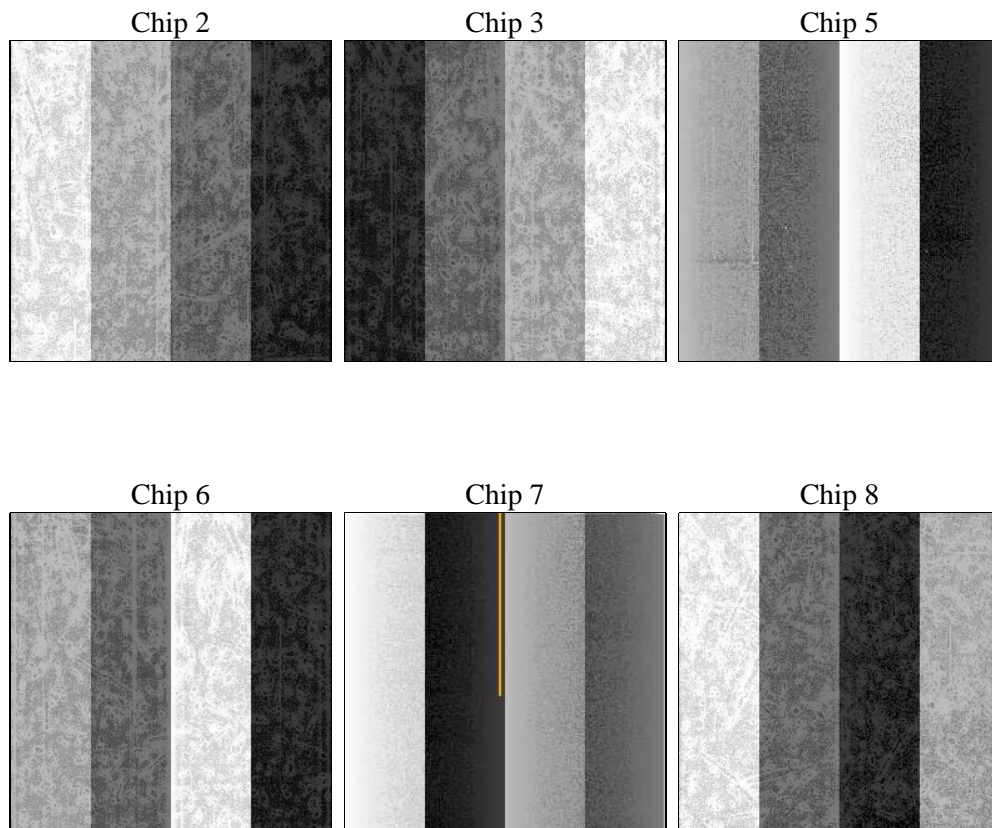
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3464.2870697975	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	3464.3281098008	Sum of GTIs [s]
date	2012-03-29T07:22:13	Date and time of file creation	ontime3	3464.1639497876	Sum of GTIs [s]
revision	1	Processing version of data	ontime5	3464.2460297942	Sum of GTIs [s]
			ontime6	3464.2049897909	Sum of GTIs [s]
			ontime7	3464.2870697975	Sum of GTIs [s]
			ontime8	3464.1229097843	Sum of GTIs [s]
			l1events	149580	Number of level 1 events

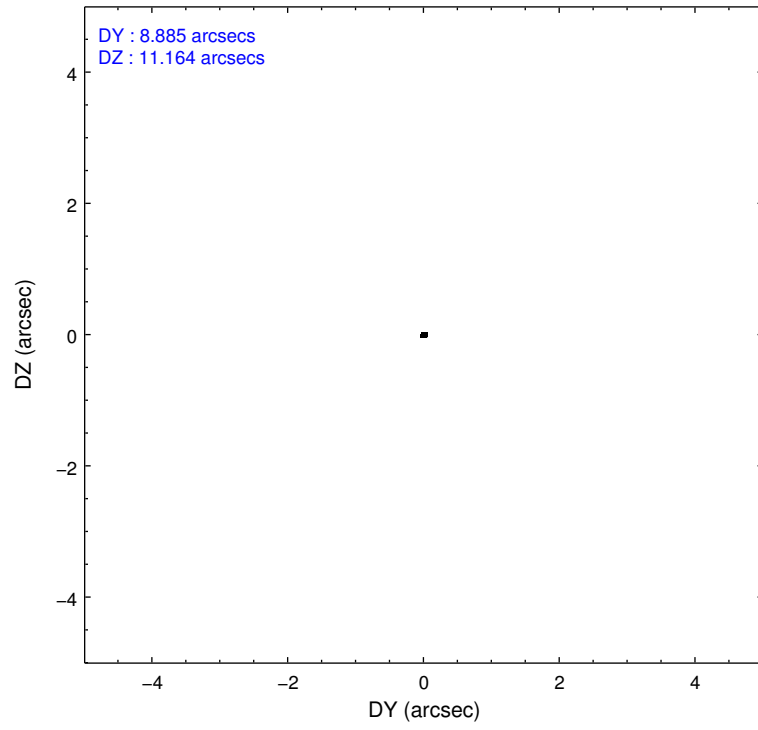
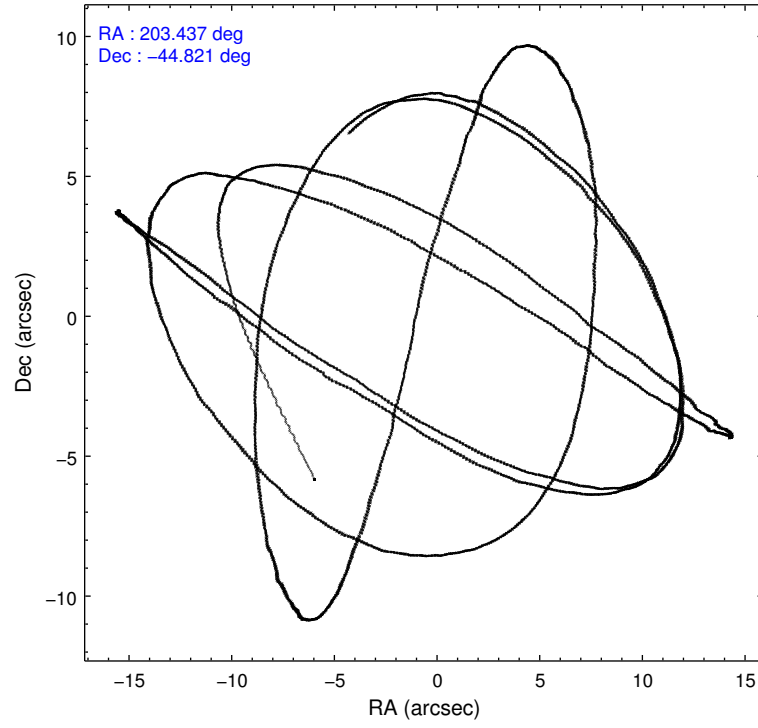
2.1.4 Events

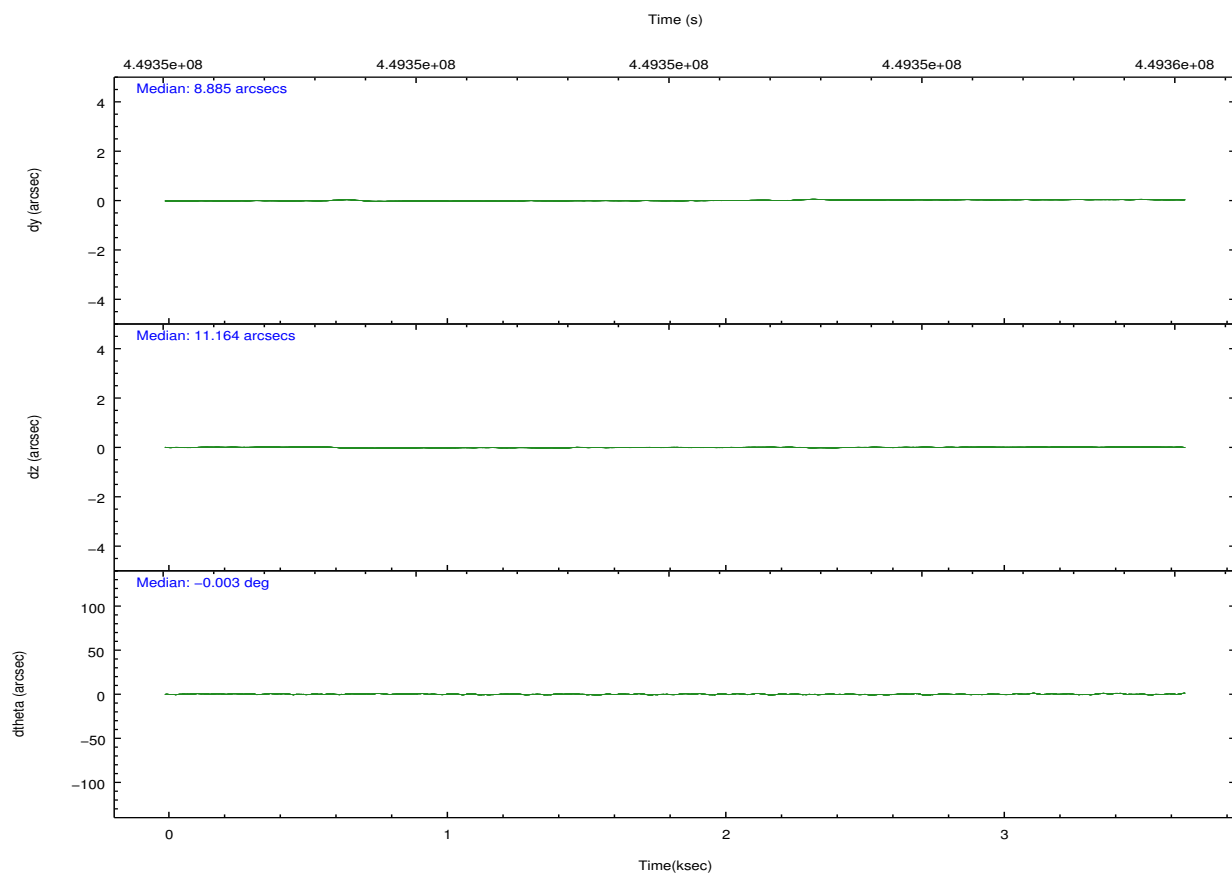
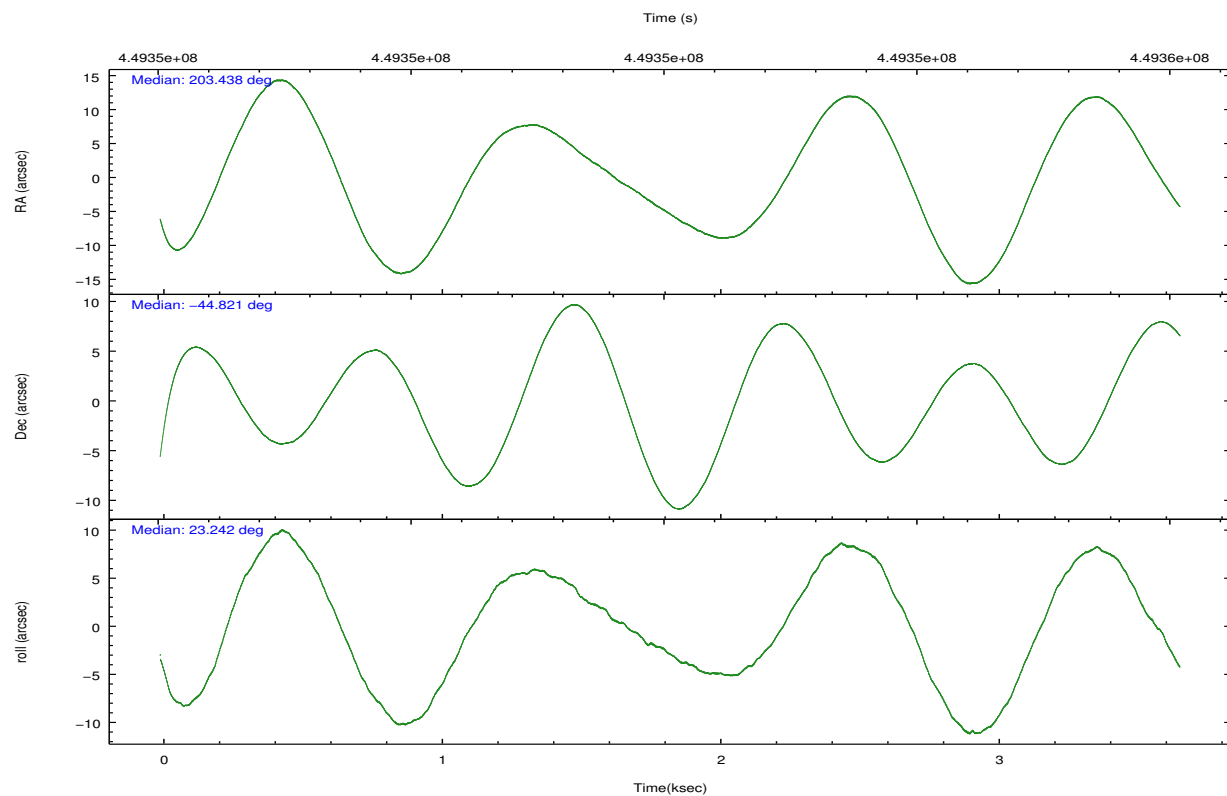
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	19959	20070	34407	21274	26662	27208	grade 0 events	774	1822	3257	863	1089	1883
rejected events	17725	16868	16802	18876	14966	20526		3%	9%	9%	4%	4%	6%
rejected %	88%	84%	48%	88%	56%	75%	grade 1 events	14	15	121	13	33	24
								0%	0%	0%	0%	0%	0%
							grade 2 events	545	481	4829	540	2358	1681
								2%	2%	14%	2%	8%	6%
							grade 3 events	230	223	544	256	952	643
								1%	1%	1%	1%	3%	2%
							grade 4 events	226	231	521	239	966	615
								1%	1%	1%	1%	3%	2%
							grade 5 events	836	964	2380	974	2718	1445
								4%	4%	6%	4%	10%	5%
							grade 6 events	461	448	8473	502	6341	1867
								2%	2%	24%	2%	23%	6%
							grade 7 events	16873	15886	14282	17887	12205	19050
								84%	79%	41%	84%	45%	70%

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	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	203.414707	203.4374800908176	CCD I2 on	O1	Y
[deg] Pointing Dec	-44.843081	-44.82082296594378	CCD I3 on	O2	Y
[deg] Pointing Roll	23.074887	23.24759115672731	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	Y	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.145094680475	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01257209746719923	CCD S4 on	Y	Y
[s] Observation start time (MET)	449351350.184000	449349766.89741	CCD S5 on	N	N
Observation start date	2012-03-28T19:48:04	2012-03-28T19:22:46	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	449354850.184000	449355593.51021	On-chip summing requested	N	N
Observation end date	2012-03-28T20:46:24	2012-03-28T20:59:53	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



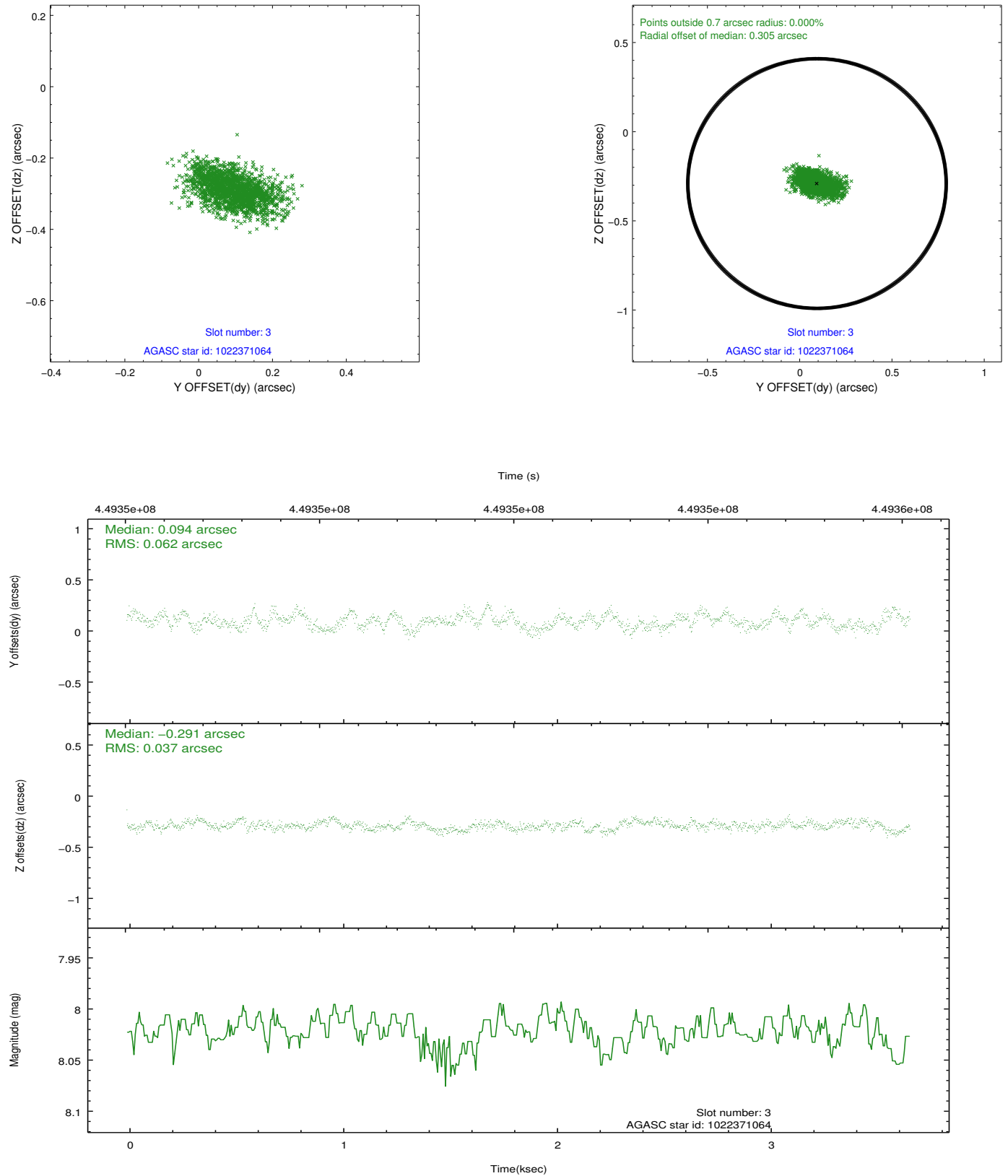


Slot Statistics

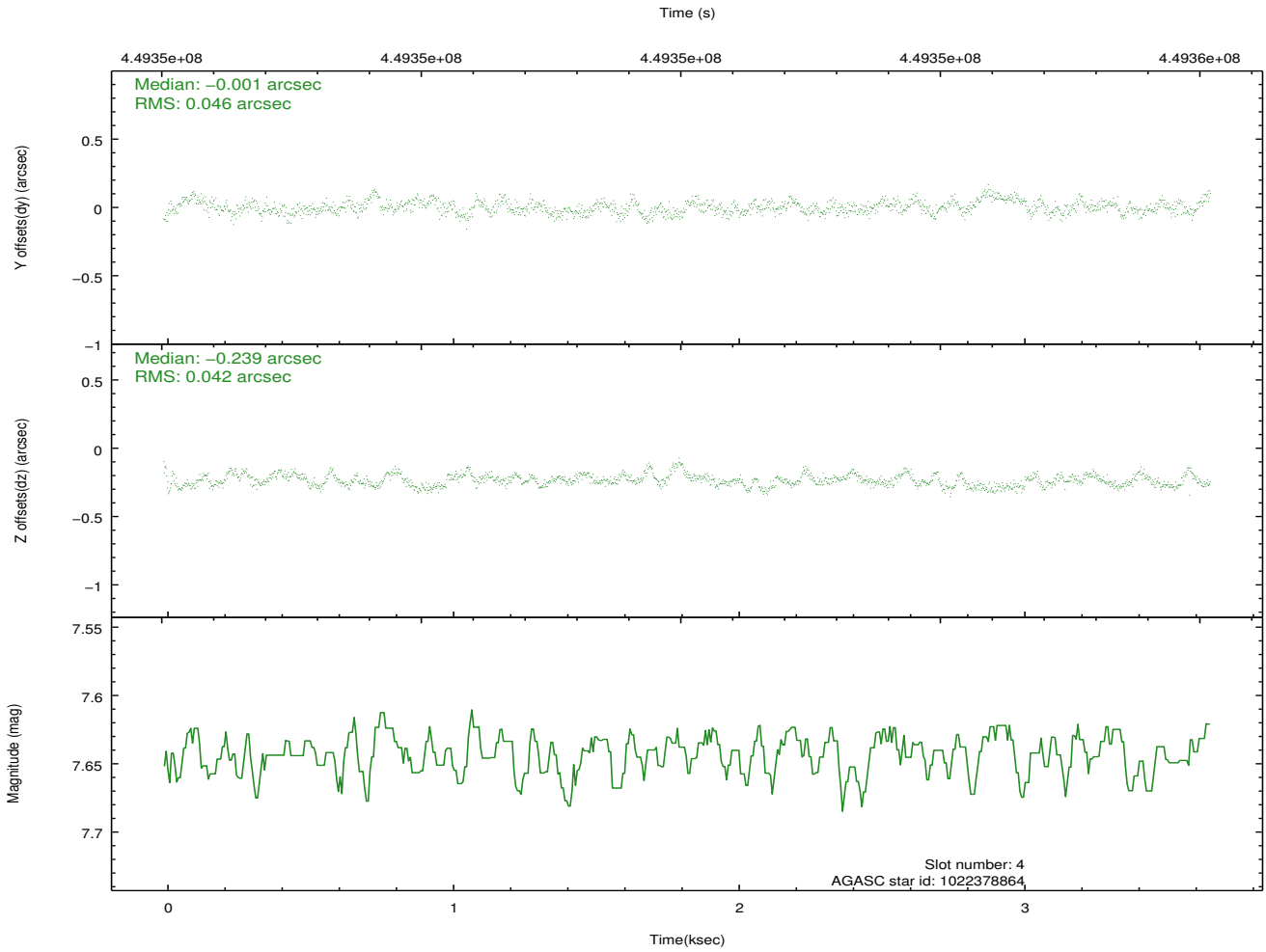
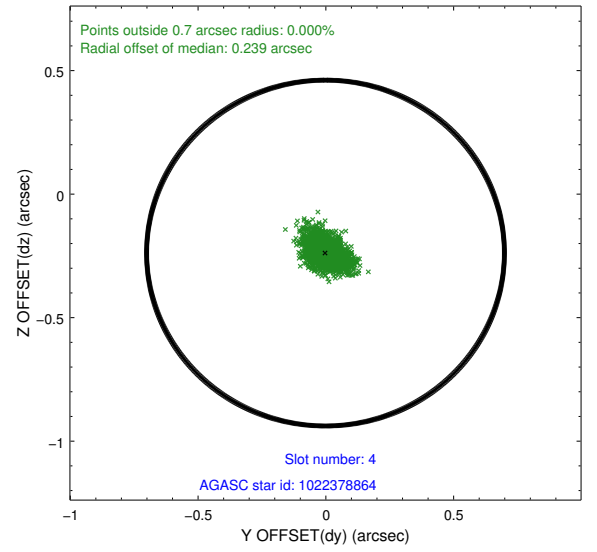
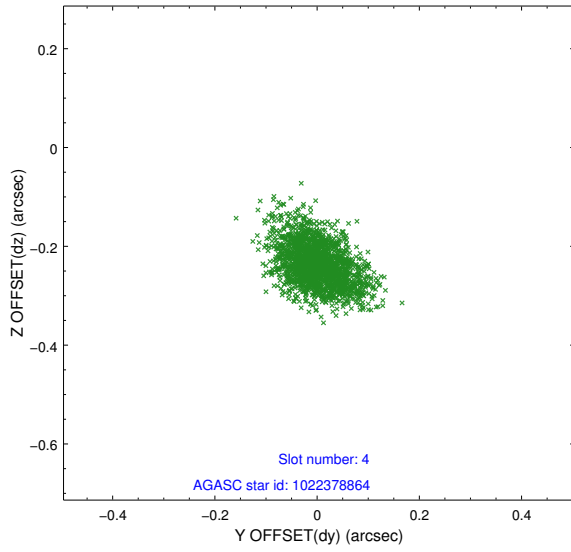
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.06	894	-0.117	-0.086	0.005	0.010	0.000000	0.000000	-761.84	-1732.41
1	FID	ACIS-S-4	7.15	894	0.140	0.052	0.006	0.010	0.000000	0.000000	2150.94	174.39
2	FID	ACIS-S-6	7.27	894	-0.050	0.041	0.006	0.011	0.000000	0.000000	402.46	813.76
3	GUIDE	1022371064	8.02	1788	0.094	-0.291	0.076	0.129	202.516802	-44.712595	-1935.96	1320.71
4	GUIDE	1022378864	7.64	1788	-0.001	-0.239	0.065	0.109	203.163507	-44.450249	-41.89	1553.52
5	GUIDE	1082788520	8.03	1788	-0.263	0.296	0.069	0.112	204.303263	-45.234348	1515.20	-2188.90
6	GUIDE	1082795336	8.43	1788	-0.003	0.148	0.087	0.136	203.264349	-45.530389	-1318.01	-2129.35
7	GUIDE	1082787928	9.37	1786	0.171	0.084	0.110	0.185	202.653293	-45.173939	-2248.90	-348.19

2.4 Star Slots

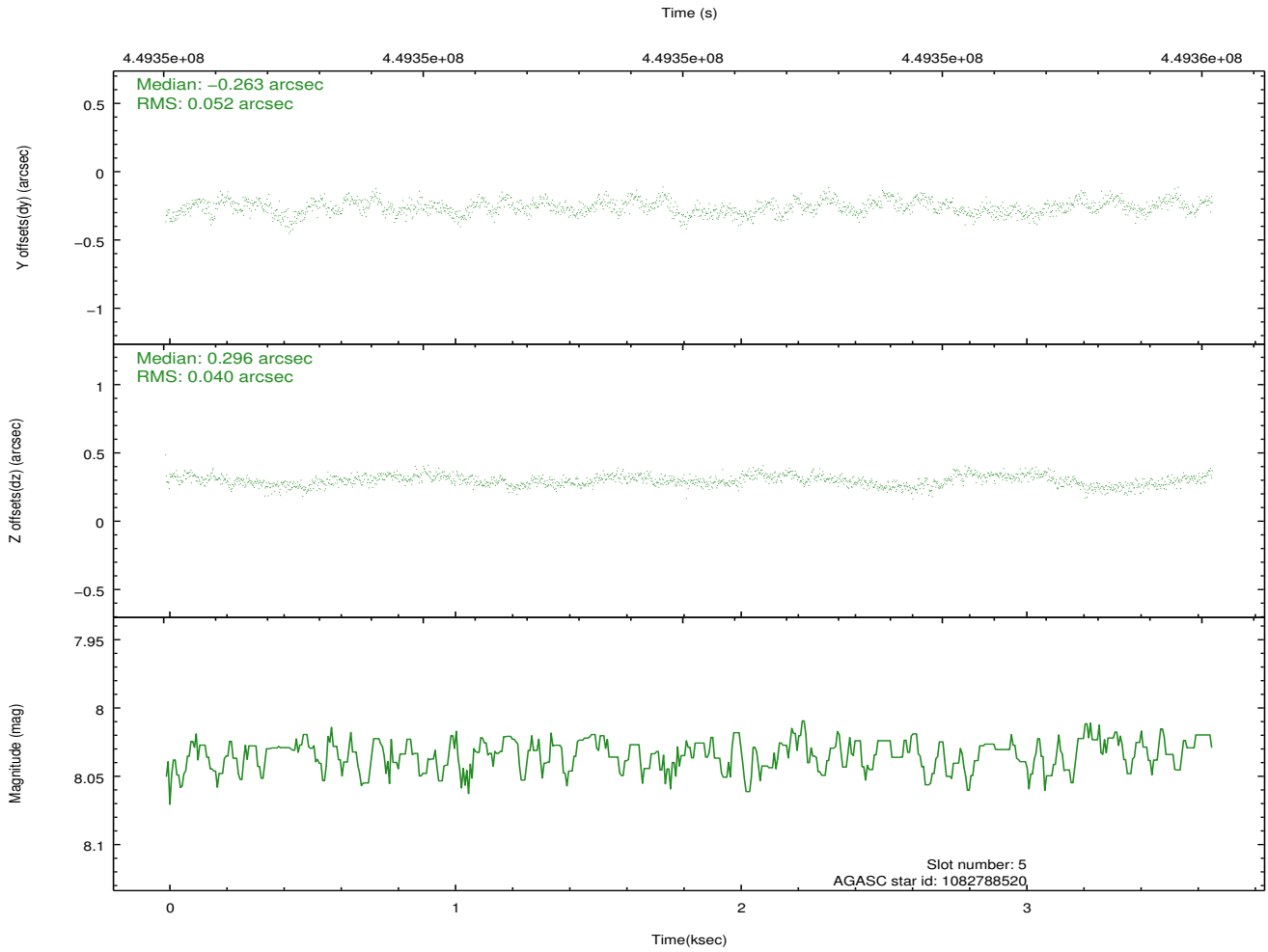
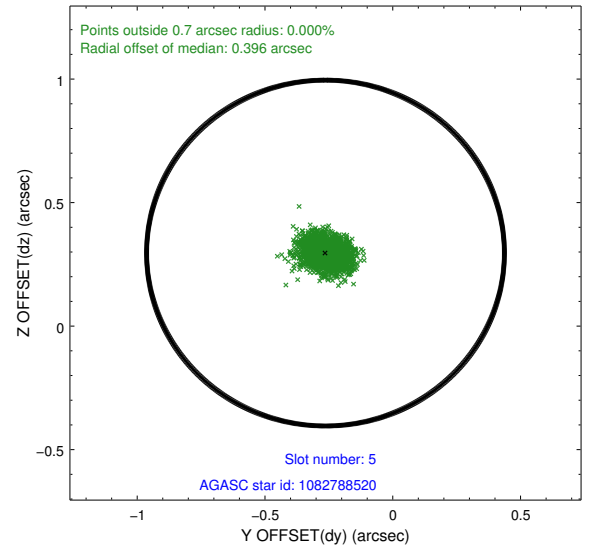
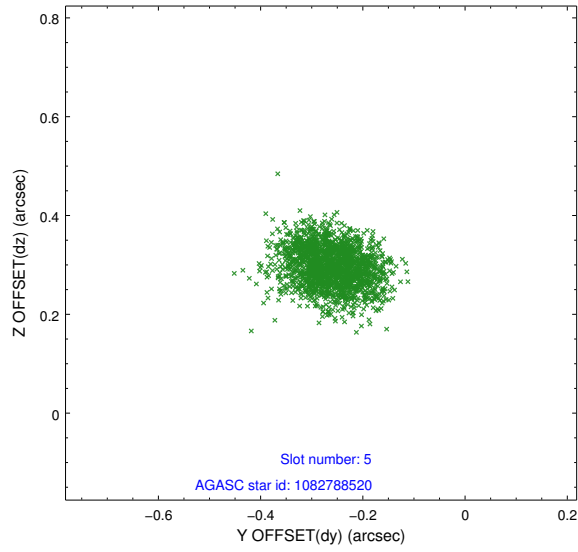
2.4.1 Slot 3



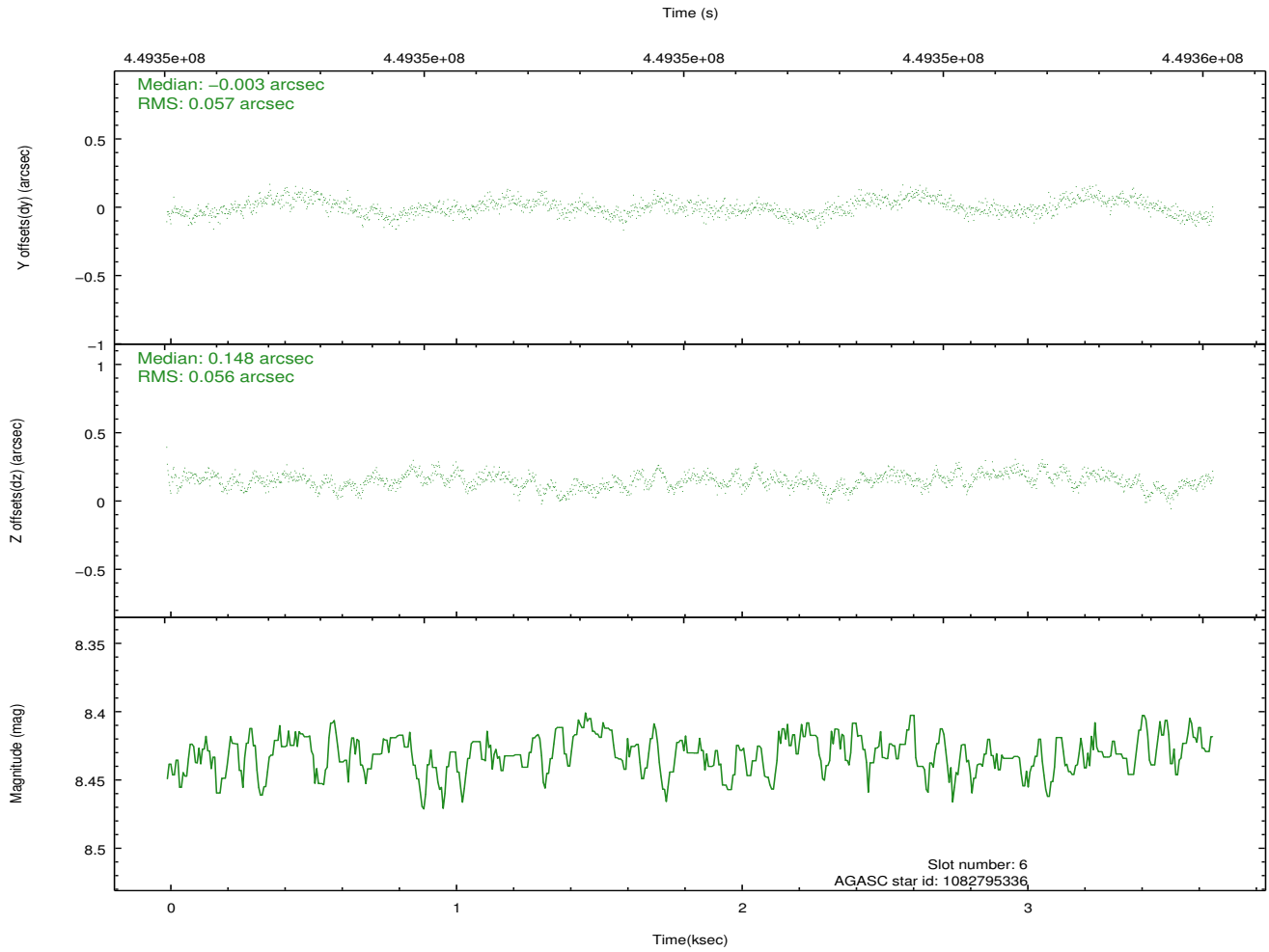
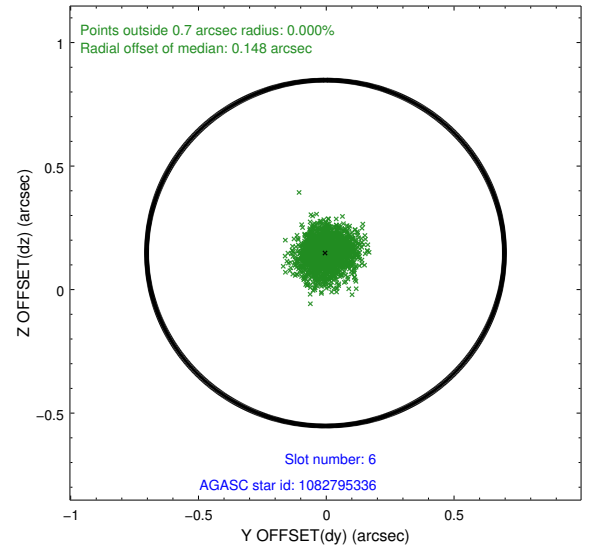
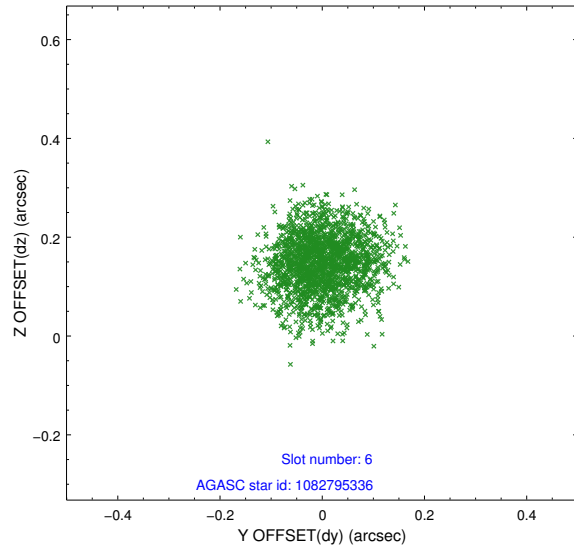
2.4.2 Slot 4



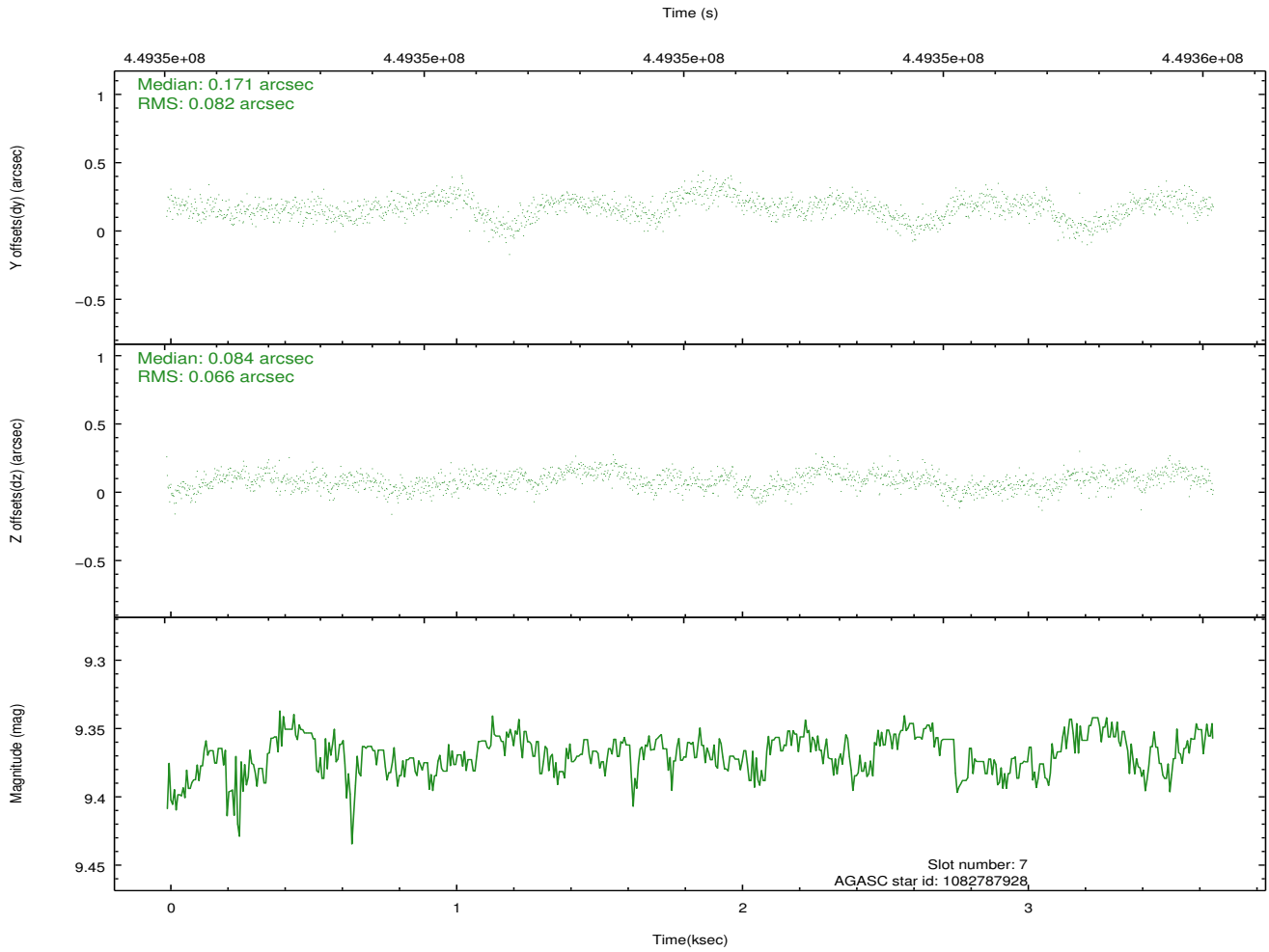
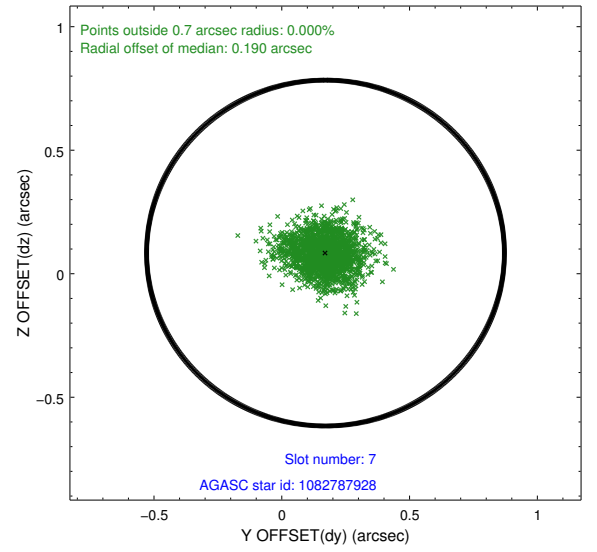
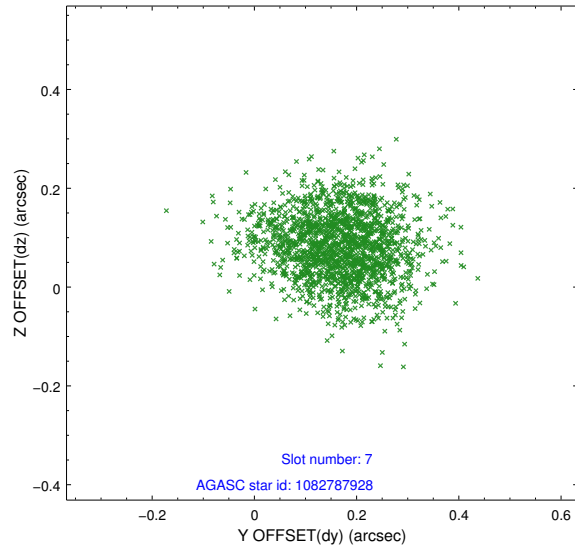
2.4.3 Slot 5



2.4.4 Slot 6

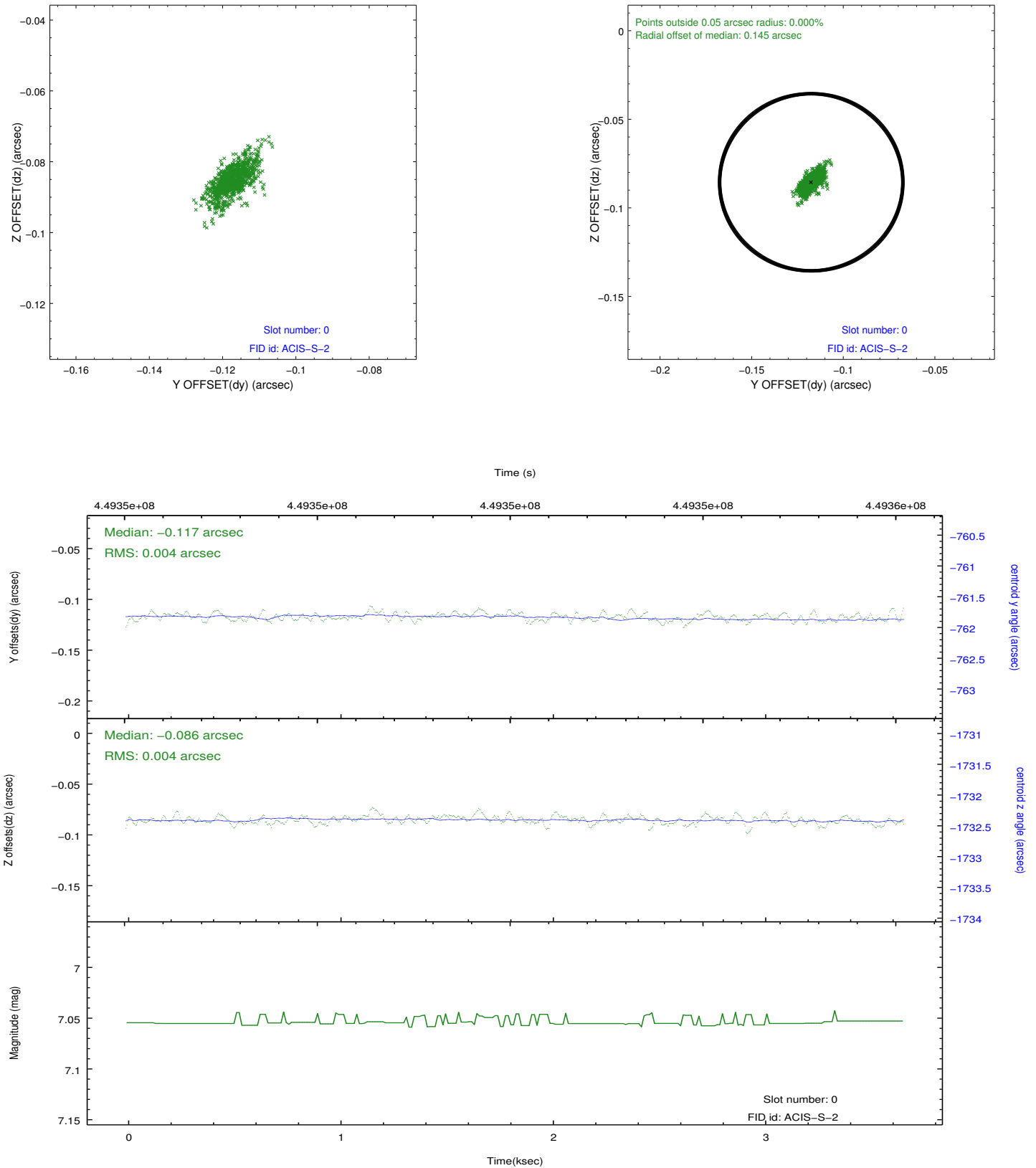


2.4.5 Slot 7

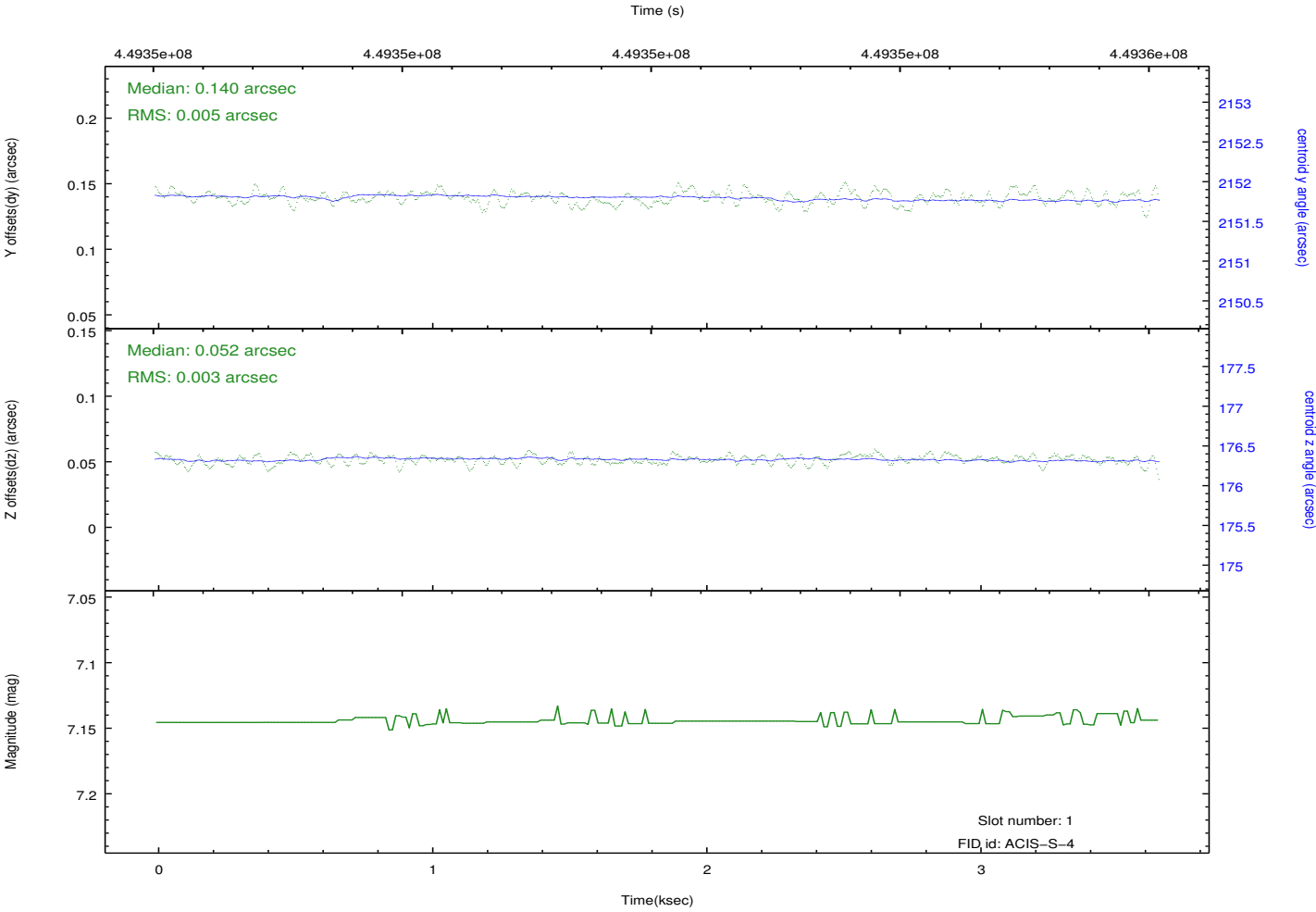
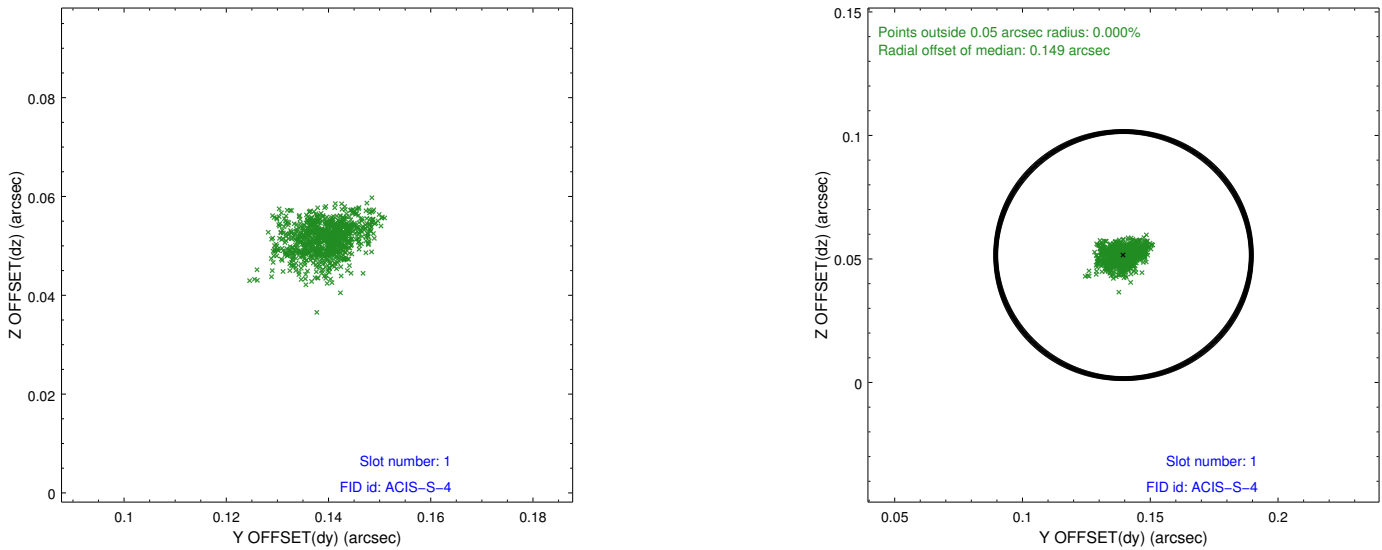


2.5 FID Slots

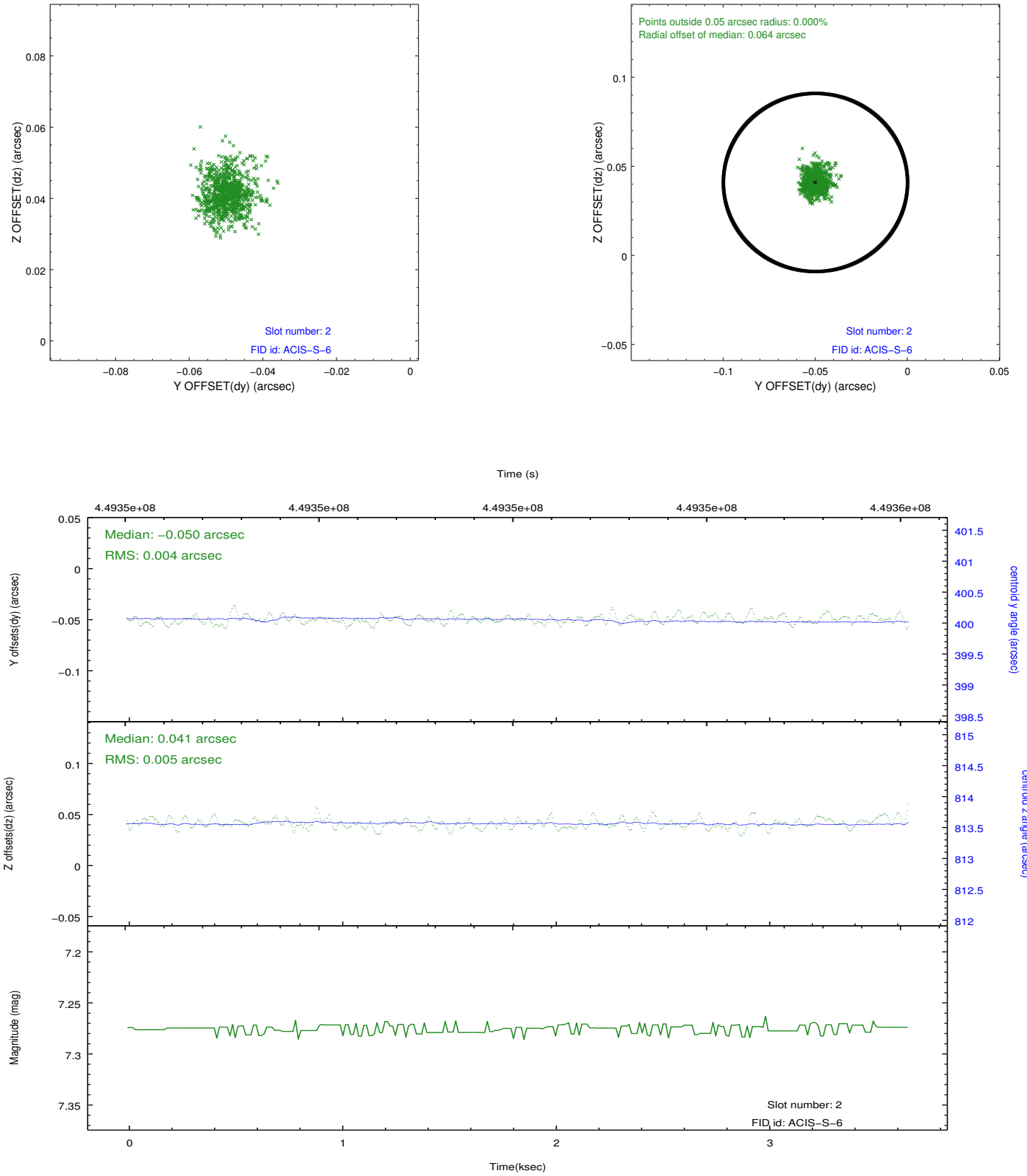
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4642870697975

A.2 Comments