

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8917 - L2 Version 2
Chandra X-Ray Center

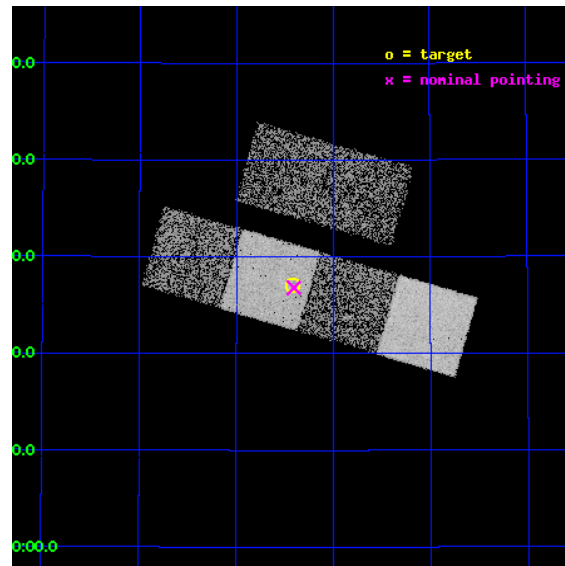
L2 Processing Date : May 16 2012

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1 Front

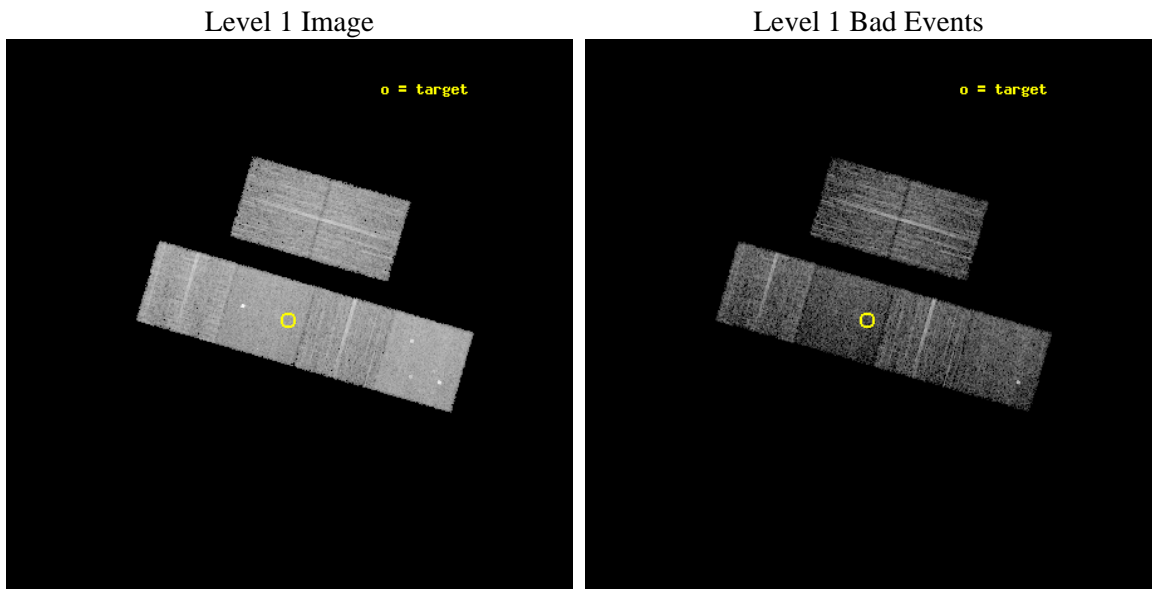
seq_num	200498	Sequence number
obs_id	8917	Observation id
title	The Coolest X-ray Emitting White Dwarfs?	Proposal title
observer	Dr Marcel Agueros	Principal investigator
object	SDSS J1532+4727	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	233.10625	Observer's specified target RA [deg]
dec_targ	47.45025	Observer's specified target Dec [deg]
ra_nom	233.10154205032	Nominal RA [deg]
dec_nom	47.44660015468	Nominal Dec [deg]
roll_nom	196.11859018245	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5167.9999808073	Sum of GTIs [s]
livetime	5102.5596532543	Livetime [s]
ontime2	5167.9999808073	Sum of GTIs [s]
ontime3	5167.9999808073	Sum of GTIs [s]
ontime5	5167.9999808073	Sum of GTIs [s]
ontime6	5167.9999808073	Sum of GTIs [s]
ontime7	5167.9999808073	Sum of GTIs [s]
ontime8	5167.9999808073	Sum of GTIs [s]
l2events	60574	Number of level 2 events



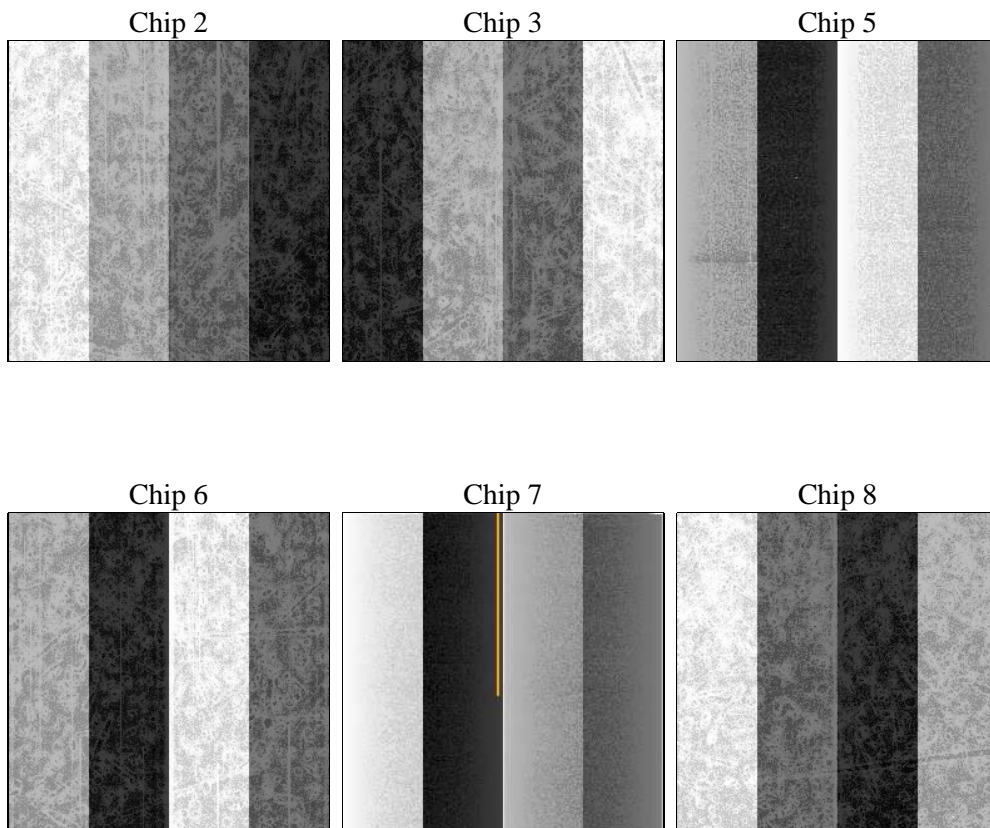
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5167.9999808073	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	5167.9999808073	Sum of GTIs [s]
date	2012-05-16T02:51:15	Date and time of file creation	ontime3	5167.9999808073	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	5167.9999808073	Sum of GTIs [s]
			ontime6	5167.9999808073	Sum of GTIs [s]
			ontime7	5167.9999808073	Sum of GTIs [s]
			ontime8	5167.9999808073	Sum of GTIs [s]
			l1events	284283	Number of level 1 events

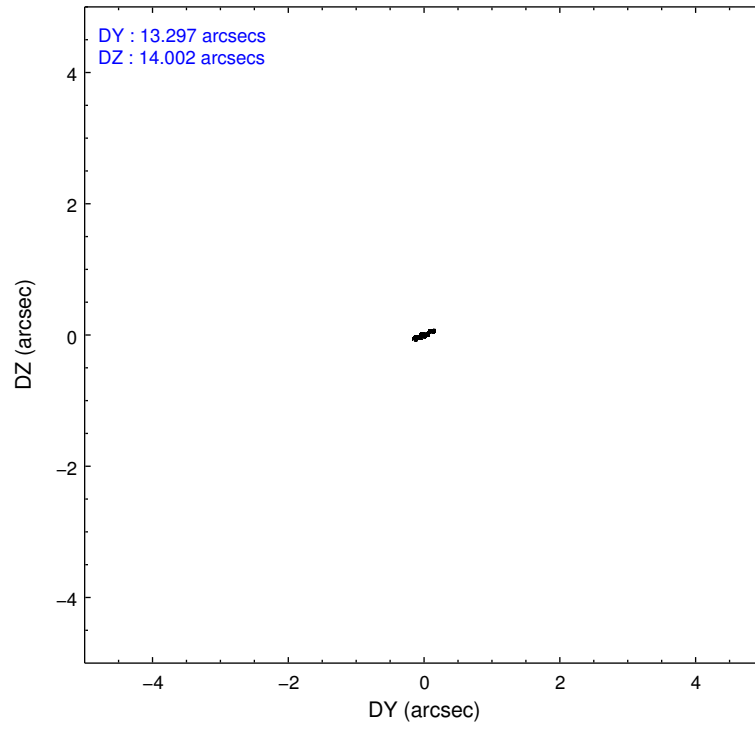
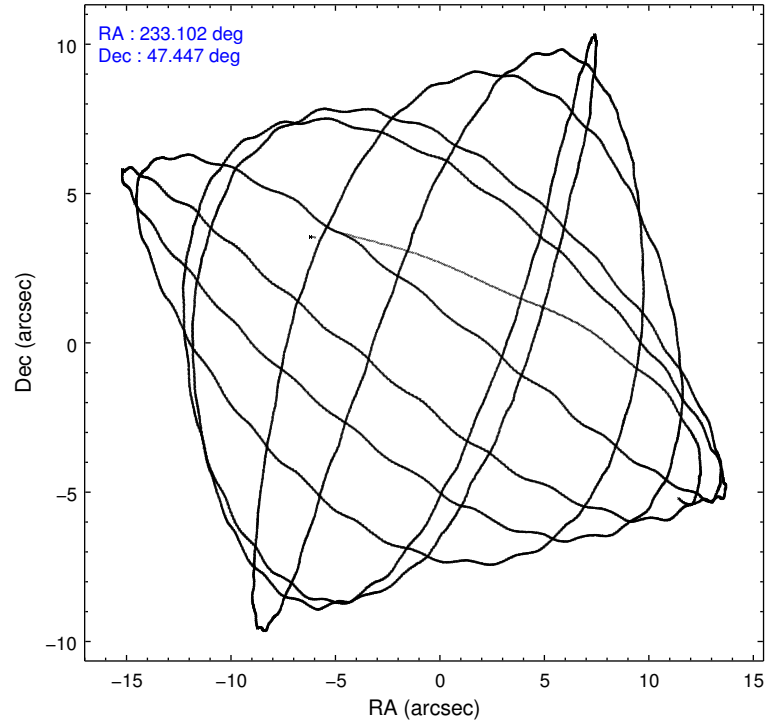
2.1.4 Events

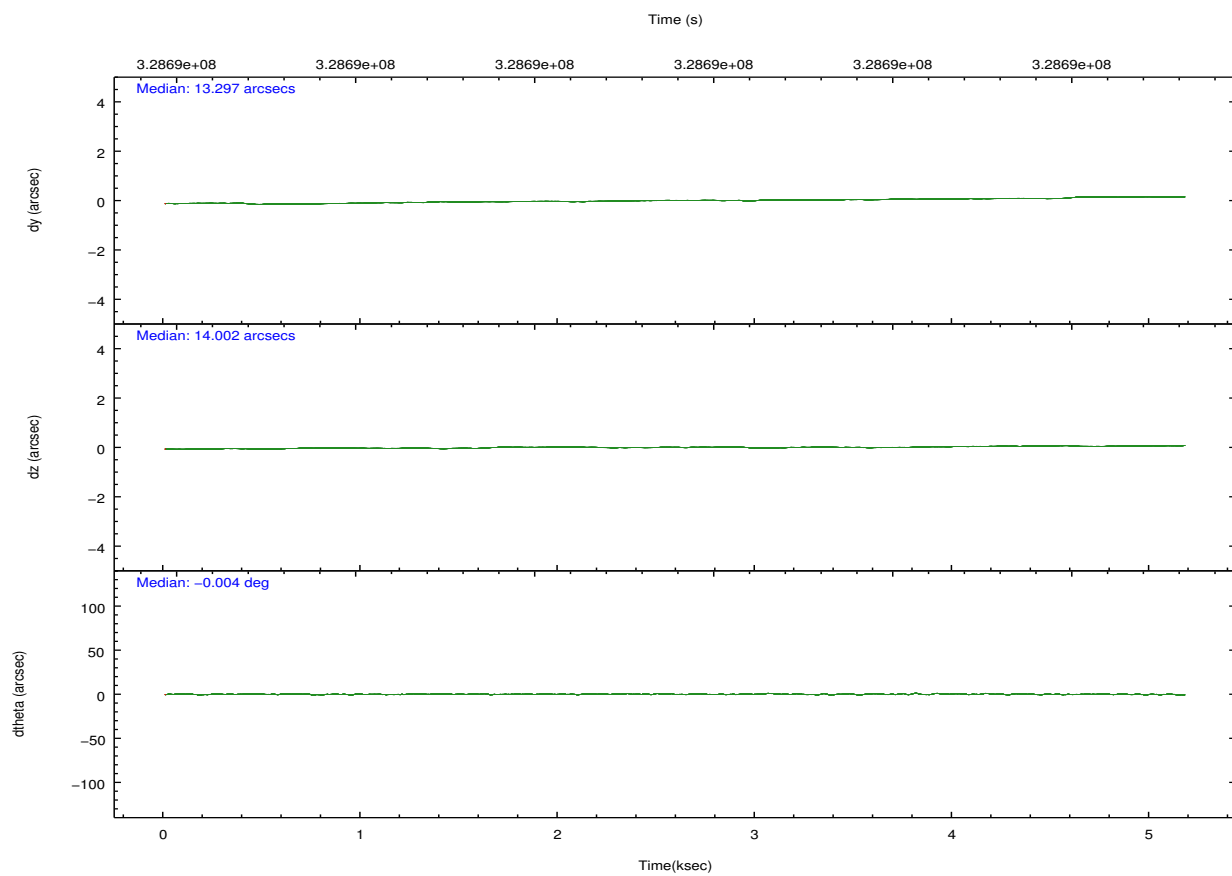
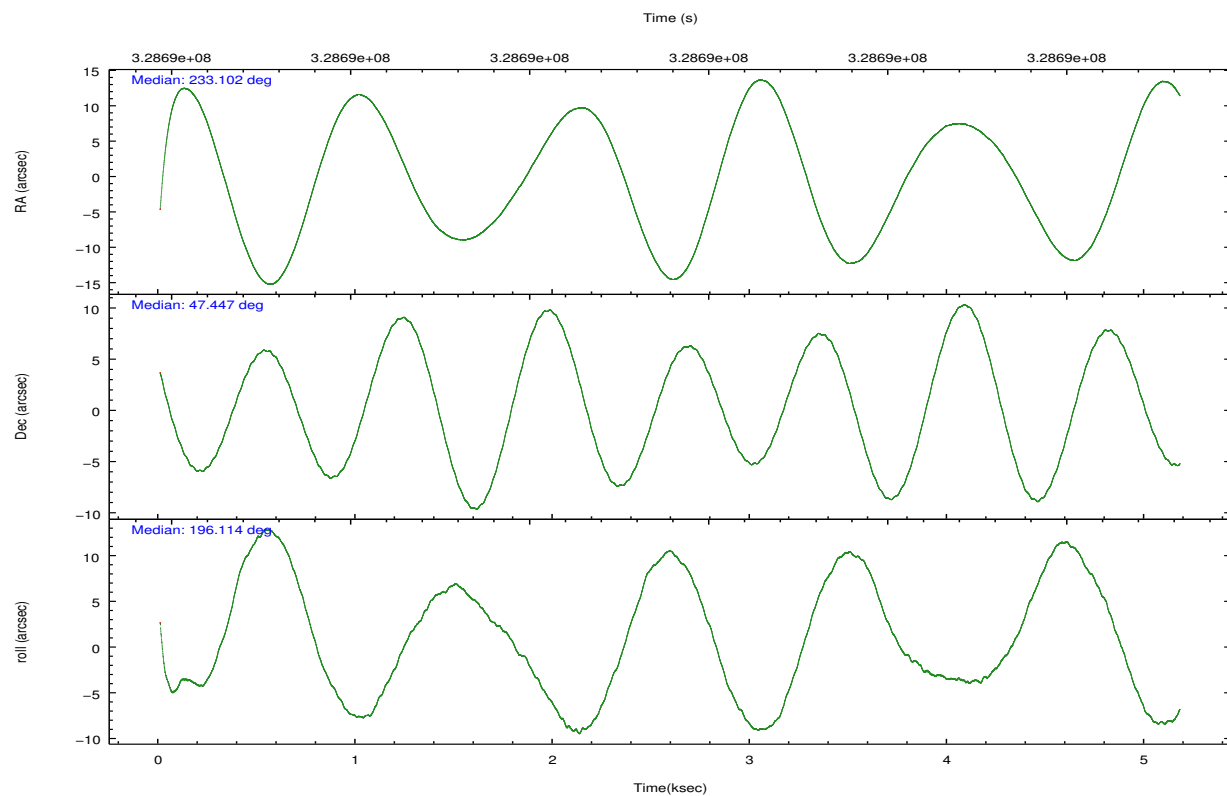
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	43493	39424	59216	41469	47894	52787	grade 0 events	1513	1278	2906	1581	3616	4032
rejected events	39448	35752	30779	37169	25918	39910		3%	3%	4%	3%	7%	7%
rejected %	90%	90%	51%	89%	54%	75%	grade 1 events	29	25	113	20	53	45
								0%	0%	0%	0%	0%	0%
							grade 2 events	1067	813	8735	959	4196	3147
								2%	2%	14%	2%	8%	5%
							grade 3 events	434	449	1282	484	1934	1429
								0%	1%	2%	1%	4%	2%
							grade 4 events	400	434	1190	479	1895	1338
								0%	1%	2%	1%	3%	2%
							grade 5 events	1445	1658	4888	1631	4849	2513
								3%	4%	8%	3%	10%	4%
							grade 6 events	793	803	15296	944	11118	3403
								1%	2%	25%	2%	23%	6%
							grade 7 events	37812	33964	24806	35371	20233	36880
								86%	86%	41%	85%	42%	69%

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	233.129078	233.1015420503182	CCD I2 on	O1	Y
[deg] Pointing Dec	47.466618	47.44660015467987	CCD I3 on	O2	Y
[deg] Pointing Roll	195.941682	196.1185901824535	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	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	Y	Y
[s] Observation start time (MET)	328688377.184000	328687221.79245	CCD S5 on	N	N
Observation start date	2008-06-01T06:18:32	2008-06-01T06:00:21	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	328693377.184000	328693886.34277	On-chip summing requested	N	N
Observation end date	2008-06-01T07:41:52	2008-06-01T07:51:26	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



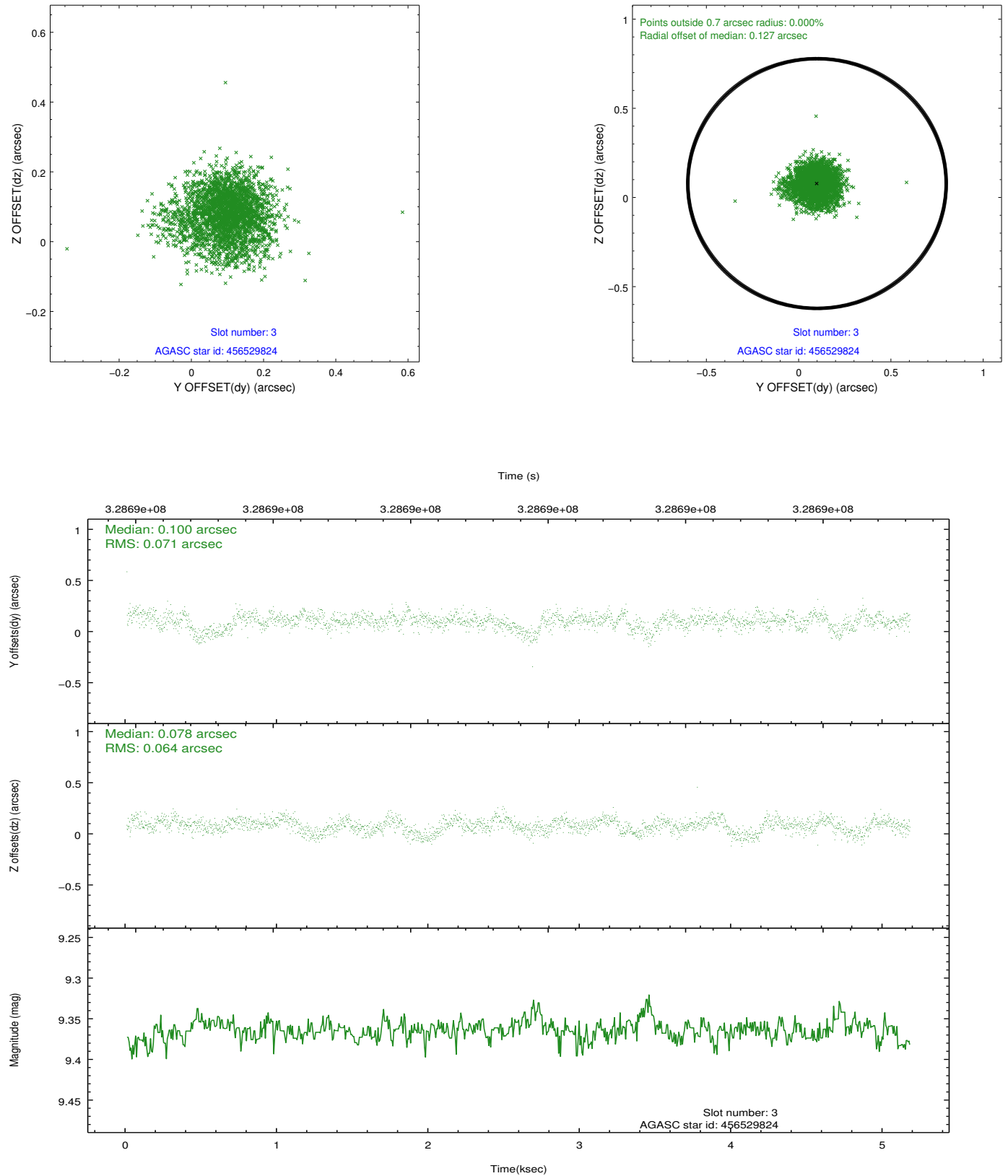


Slot Statistics

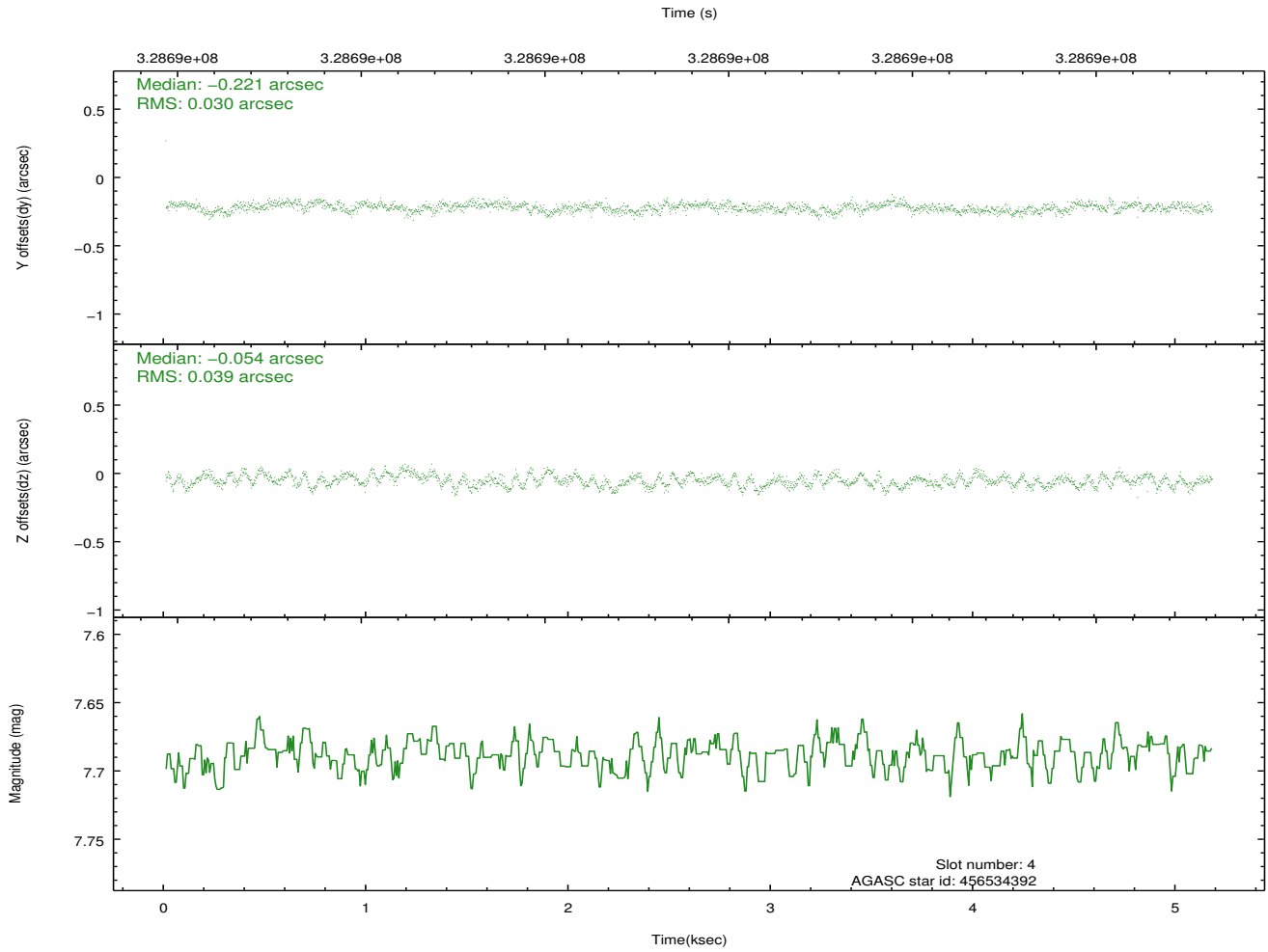
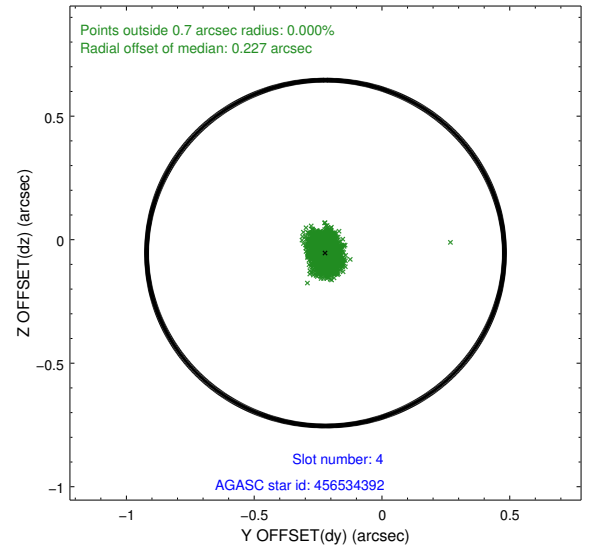
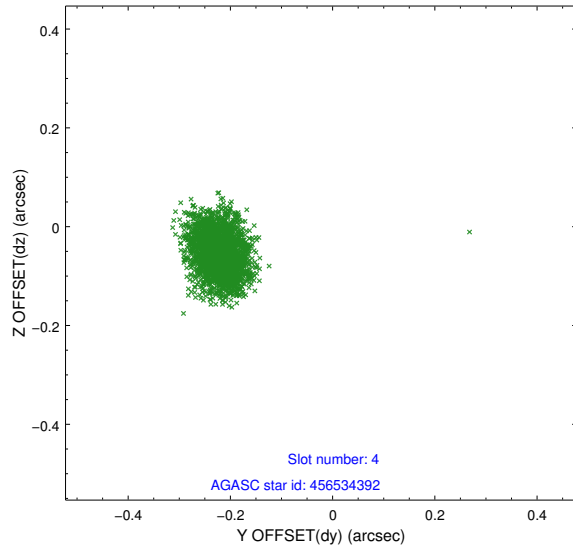
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	1262	-0.040	-0.029	0.009	0.018	0.000000	0.000000	-766.25	-1735.33
1	FID	ACIS-S-4	6.98	1262	0.153	0.028	0.010	0.019	0.000000	0.000000	2146.68	172.00
2	FID	ACIS-S-5	7.01	1262	-0.144	0.011	0.010	0.019	0.000000	0.000000	-1817.70	166.98
3	GUIDE	456529824	9.36	2522	0.100	0.078	0.100	0.164	232.588705	47.032149	1703.73	1135.42
4	GUIDE	456534392	7.69	2524	-0.221	-0.054	0.052	0.084	232.665783	46.858689	1697.62	1788.28
5	GUIDE	456534760	8.70	2524	0.137	-0.258	0.078	0.120	232.760013	47.333853	997.74	210.58
6	GUIDE	456797592	7.30	2524	-0.092	0.136	0.079	0.129	232.347084	47.713440	1575.50	-1383.64
7	GUIDE	456927256	9.33	2521	0.080	0.098	0.096	0.155	233.740522	47.629778	-1588.15	-163.68

2.4 Star Slots

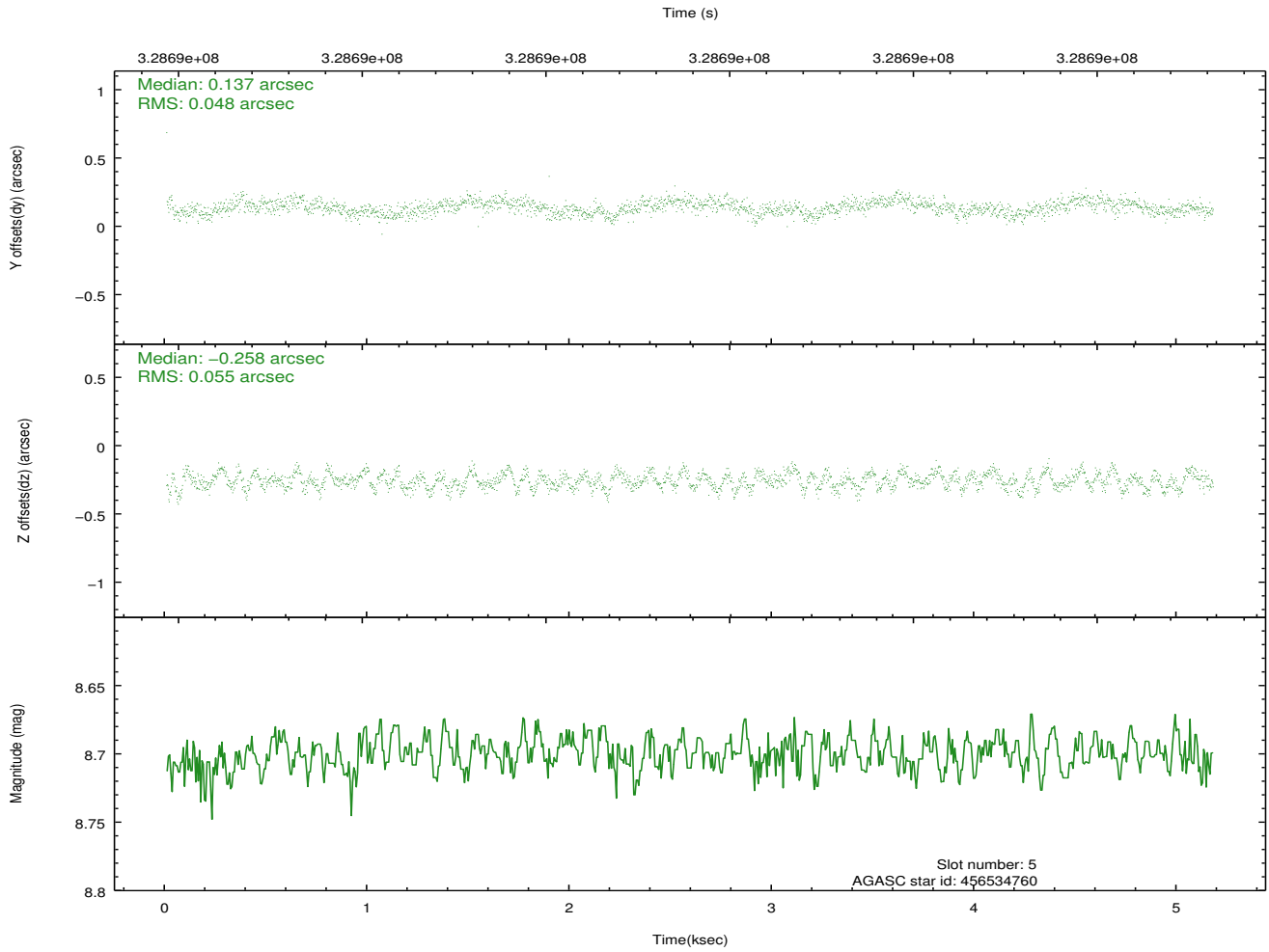
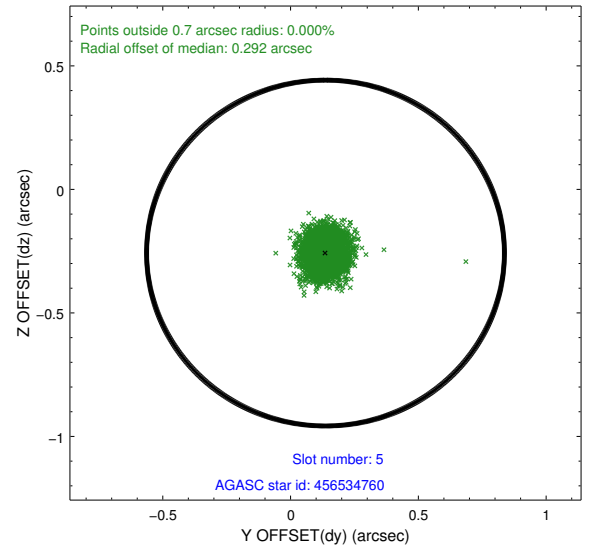
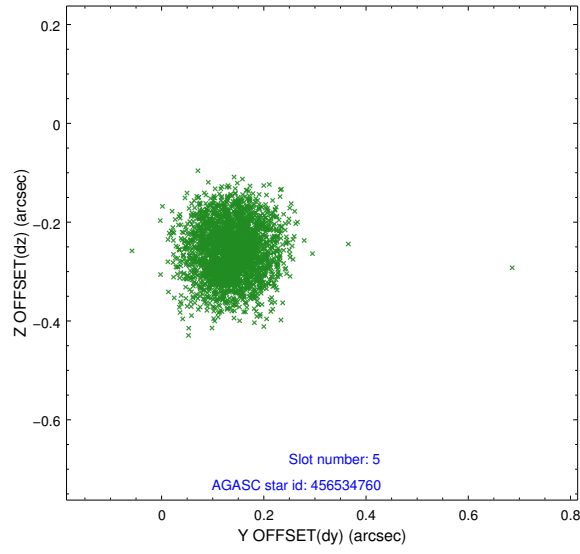
2.4.1 Slot 3



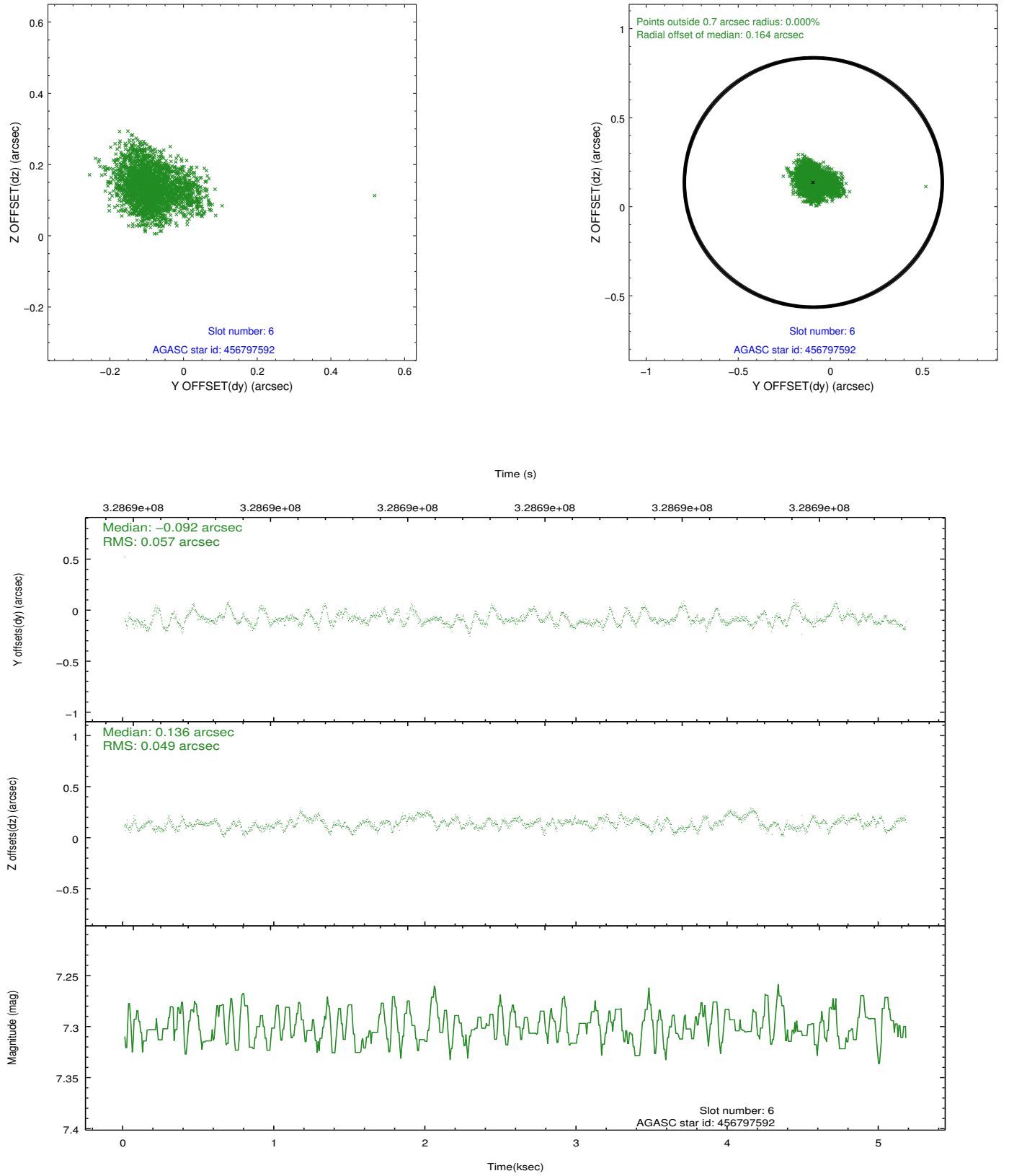
2.4.2 Slot 4



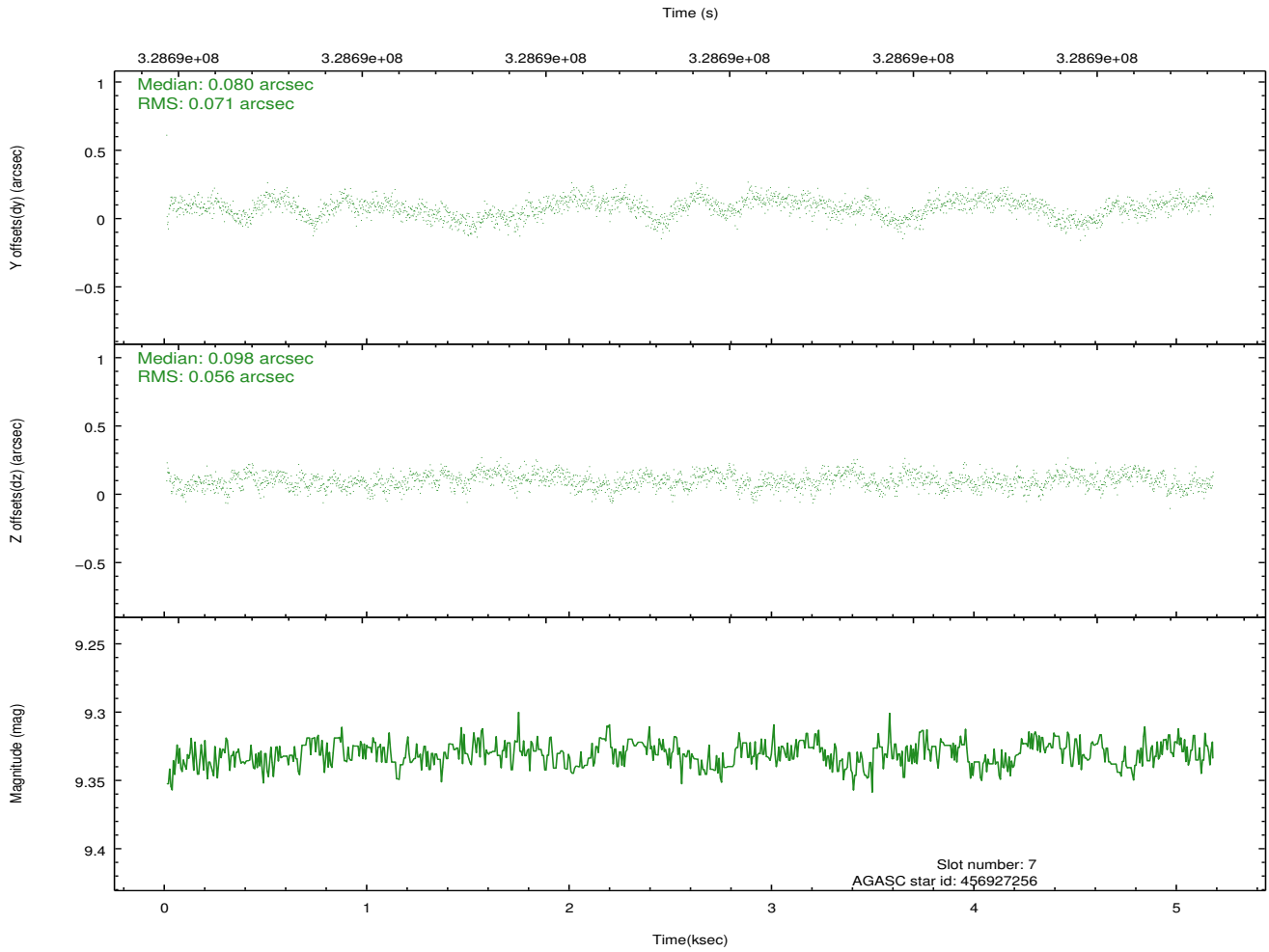
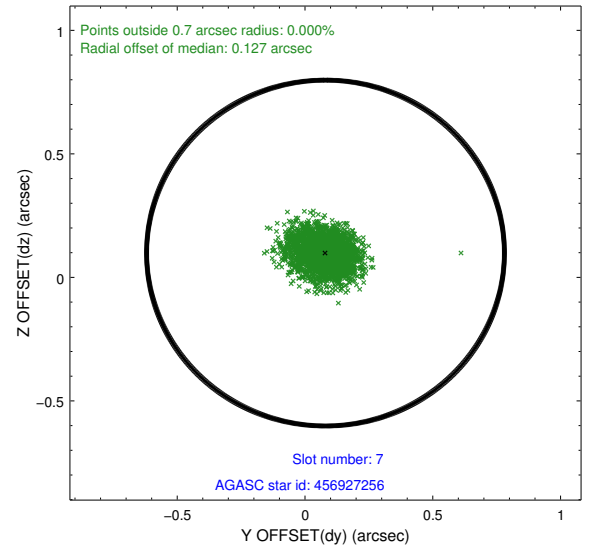
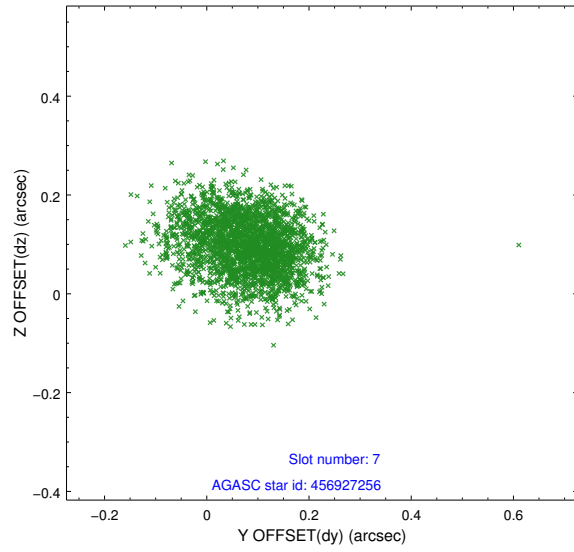
2.4.3 Slot 5



2.4.4 Slot 6

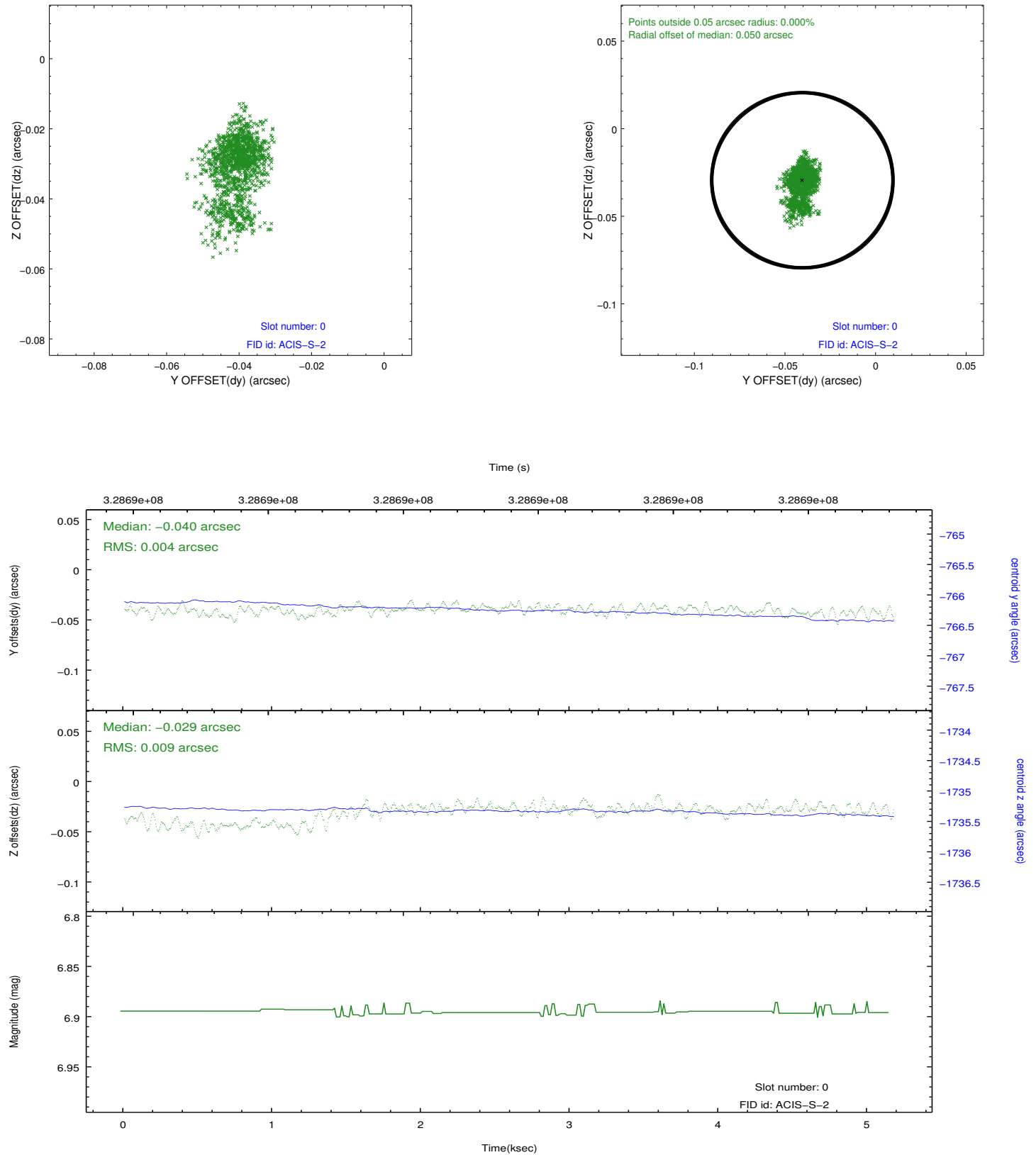


2.4.5 Slot 7

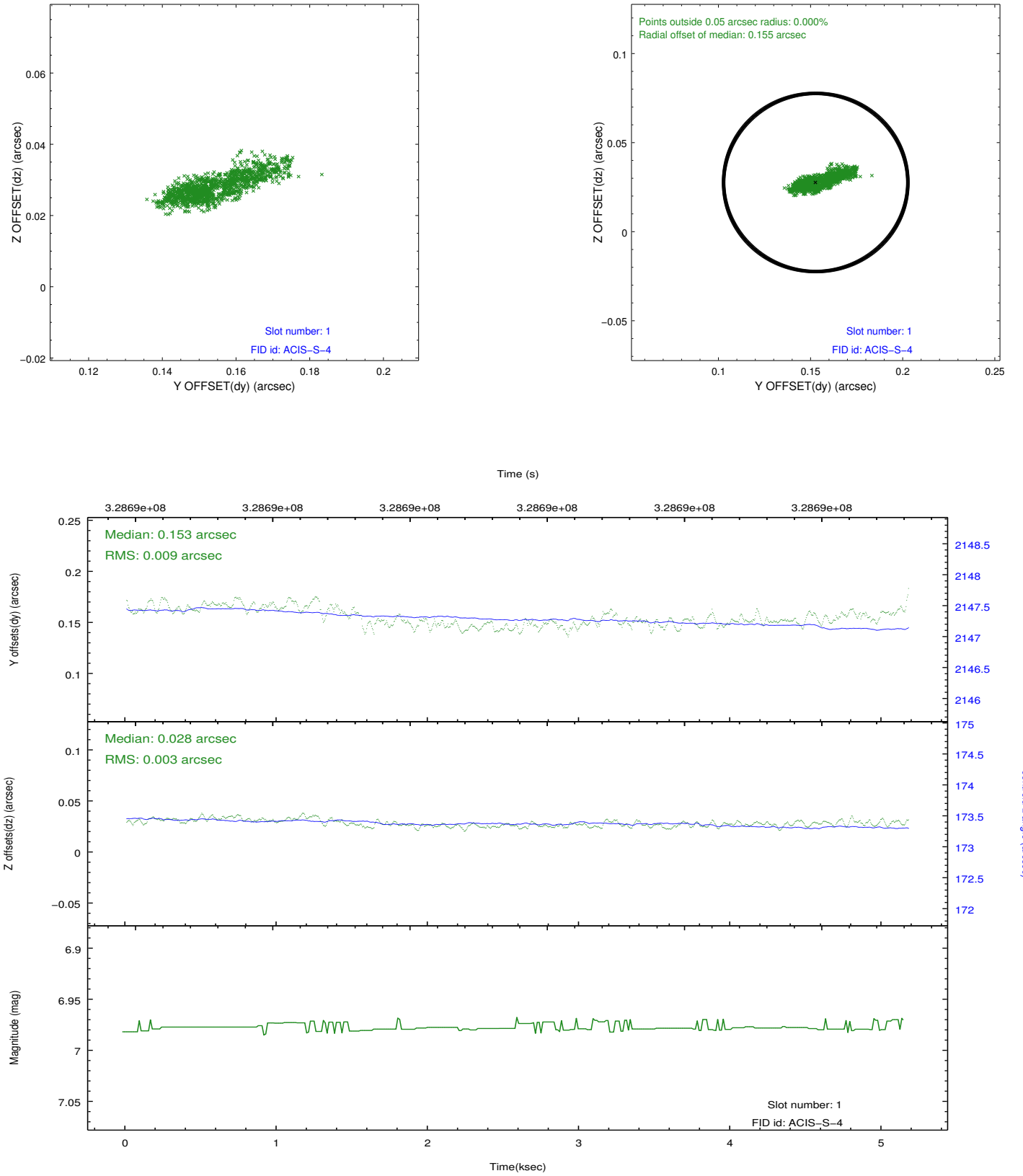


2.5 FID Slots

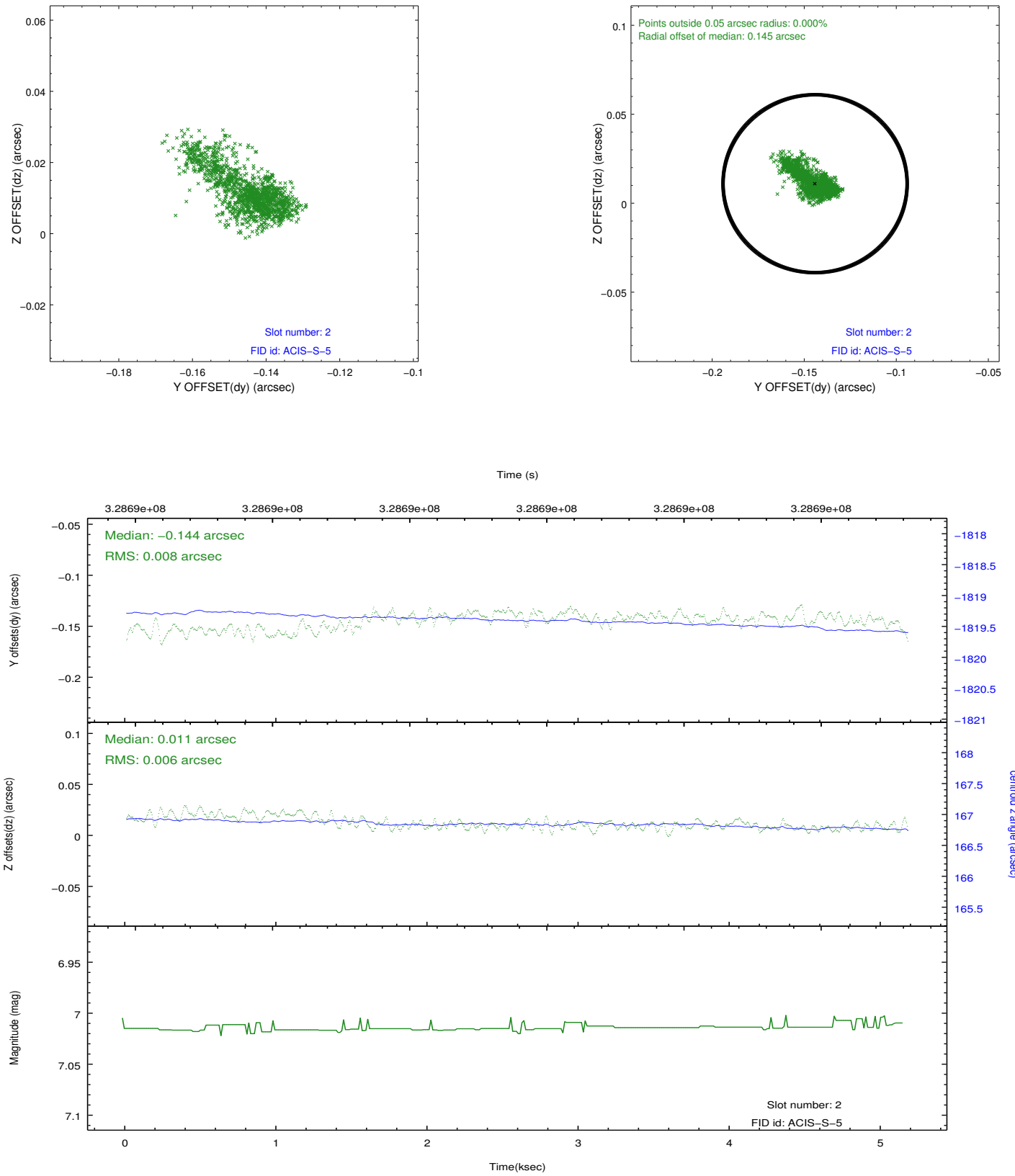
2.5.1 Slot 0



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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.16799998

A.2 Comments