

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8167 - L2 Version 2
Chandra X-Ray Center

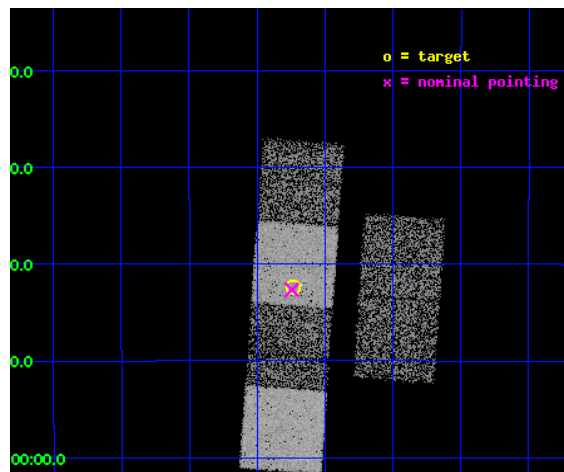
L2 Processing Date : May 3 2012

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1 Front

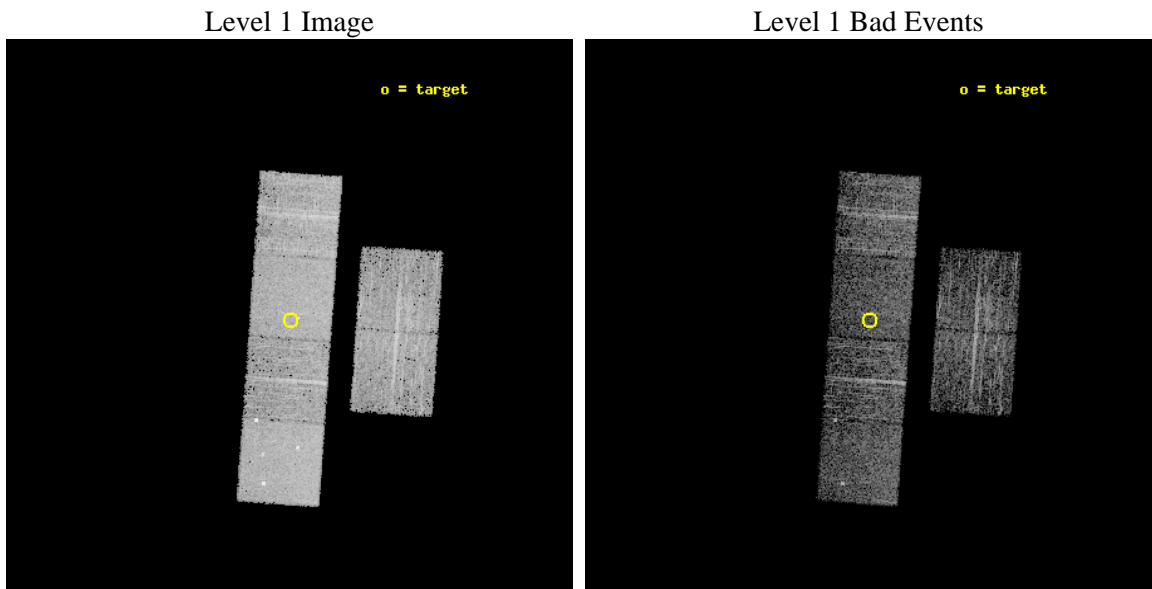
seq_num	900708	Sequence number
obs_id	8167	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J181213-1842	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	273.057917	Observer's specified target RA [deg]
dec_targ	-18.707	Observer's specified target Dec [deg]
ra_nom	273.06091399878	Nominal RA [deg]
dec_nom	-18.711047589482	Nominal Dec [deg]
roll_nom	274.08082051043	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3036.7999887466	Sum of GTIs [s]
livetime	2998.3461987477	Livetime [s]
ontime2	3036.7999887466	Sum of GTIs [s]
ontime3	3036.7999887466	Sum of GTIs [s]
ontime5	3036.7999887466	Sum of GTIs [s]
ontime6	3036.7999887466	Sum of GTIs [s]
ontime7	3036.7999887466	Sum of GTIs [s]
ontime8	3027.077057898	Sum of GTIs [s]
l2events	49781	Number of level 2 events



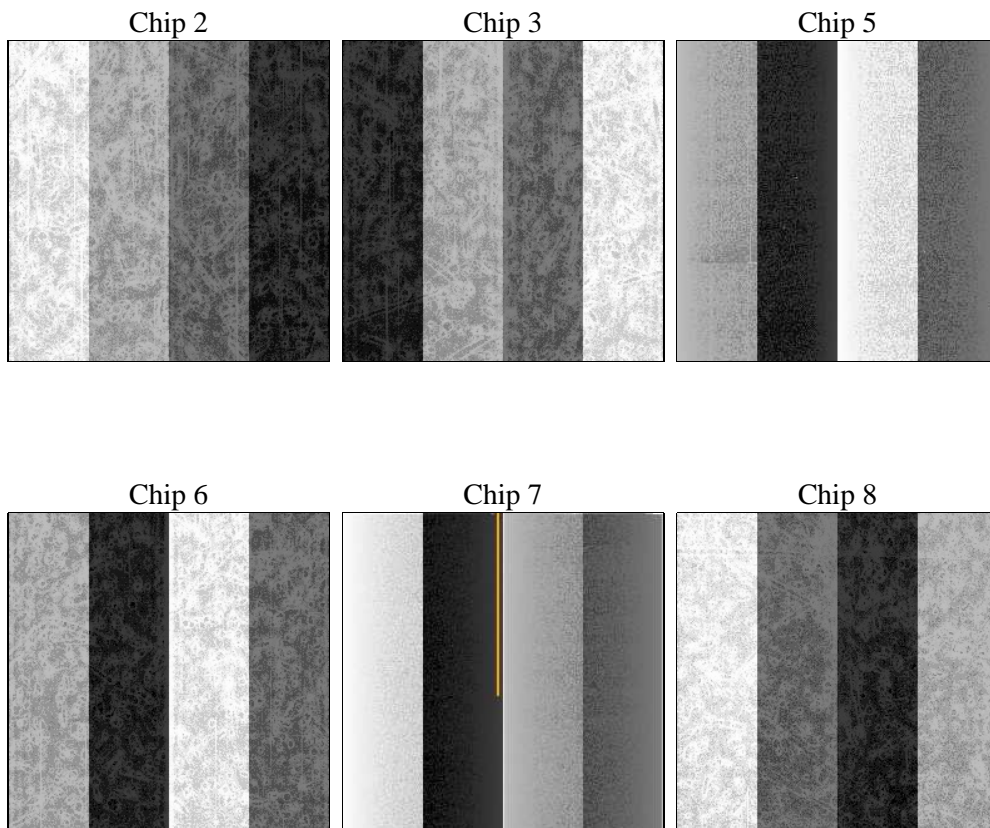
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3280.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3036.7999887466	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	3036.7999887466	Sum of GTIs [s]
date	2012-05-03T12:28:44	Date and time of file creation	ontime3	3036.7999887466	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	3036.7999887466	Sum of GTIs [s]
			ontime6	3036.7999887466	Sum of GTIs [s]
			ontime7	3036.7999887466	Sum of GTIs [s]
			ontime8	3027.077057898	Sum of GTIs [s]
			l1events	216290	Number of level 1 events

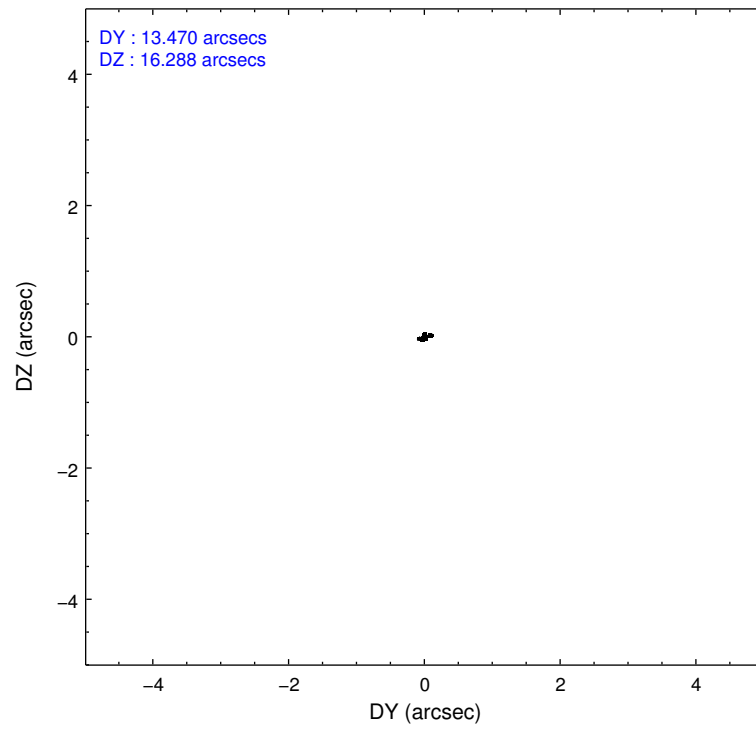
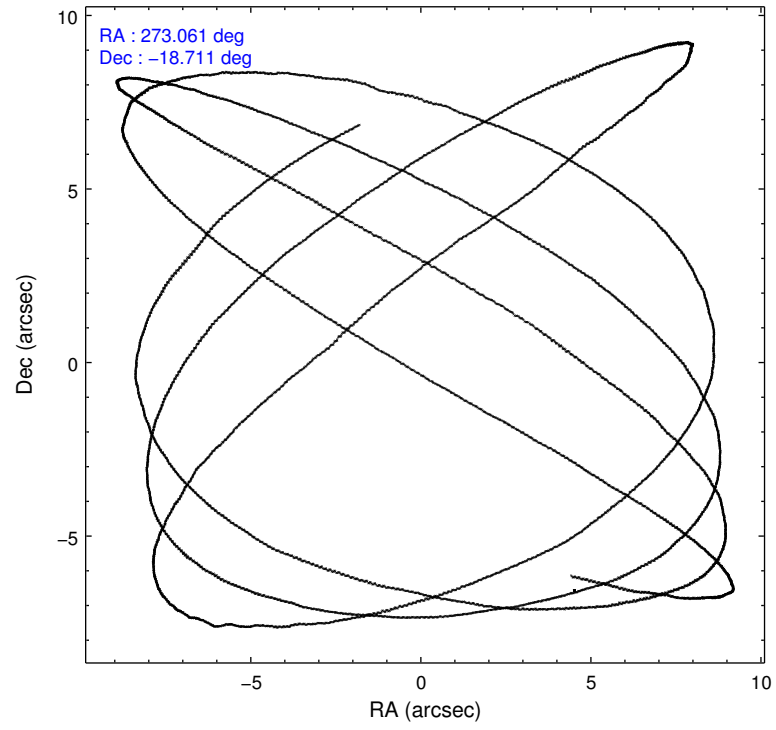
2.1.4 Events

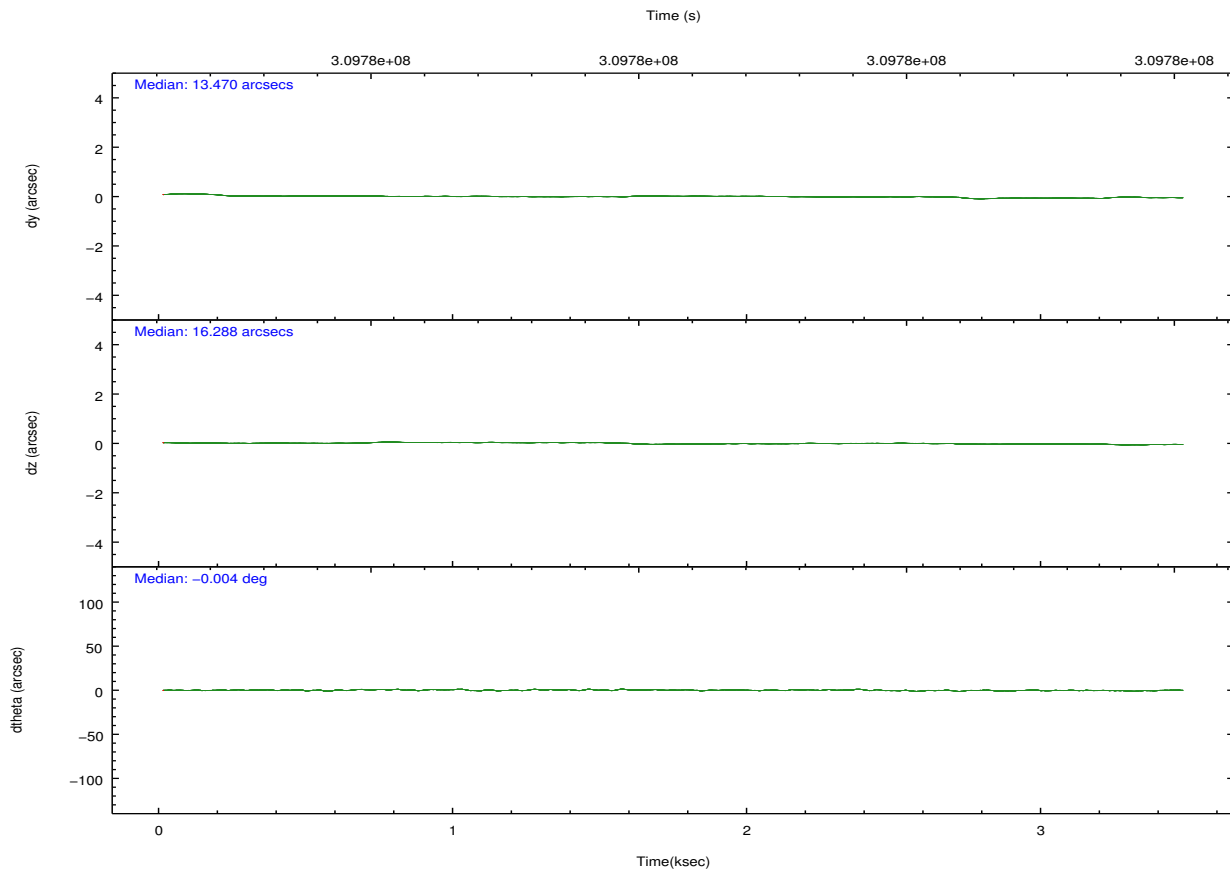
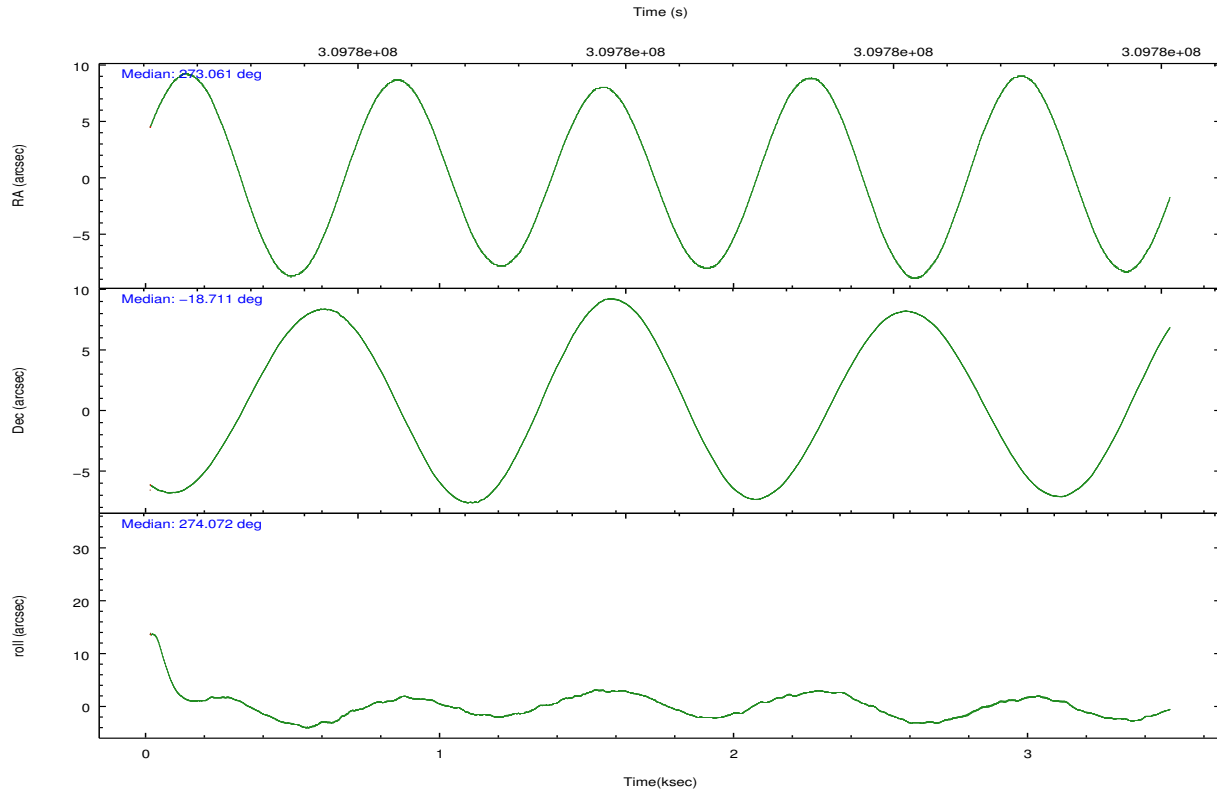
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	29425	28309	45895	30542	40826	41293	grade 0 events	1783	1648	2277	1633	1606	2851
rejected events	25643	24656	24474	26708	23718	33046		6%	5%	4%	5%	3%	6%
rejected %	87%	87%	53%	87%	58%	80%	grade 1 events	29	17	326	18	46	40
								0%	0%	0%	0%	0%	0%
							grade 2 events	777	711	6379	806	3577	1711
								2%	2%	13%	2%	8%	4%
							grade 3 events	337	360	784	350	1474	941
								1%	1%	1%	1%	3%	2%
							grade 4 events	318	342	829	360	1490	819
								1%	1%	1%	1%	3%	1%
							grade 5 events	1140	1277	3213	1382	3712	1711
								3%	4%	7%	4%	9%	4%
							grade 6 events	575	596	11188	690	8999	1952
								1%	2%	24%	2%	22%	4%
							grade 7 events	24466	23358	20899	25303	19922	31268
								83%	82%	45%	82%	48%	75%

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	273.044411	273.0609139987778	CCD I2 on	O2	Y
[deg] Pointing Dec	-18.688498	-18.71104758948162	CCD I3 on	O3	Y
[deg] Pointing Roll	273.918912	274.0808205104298	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	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	O4	Y
[s] Observation start time (MET)	309776588.184000	309776211.74974	CCD S5 on	N	N
Observation start date	2007-10-26T09:02:03	2007-10-26T08:56:51	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	309779868.184000	309780244.09994	On-chip summing requested	N	N
Observation end date	2007-10-26T09:56:43	2007-10-26T10:04:04	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



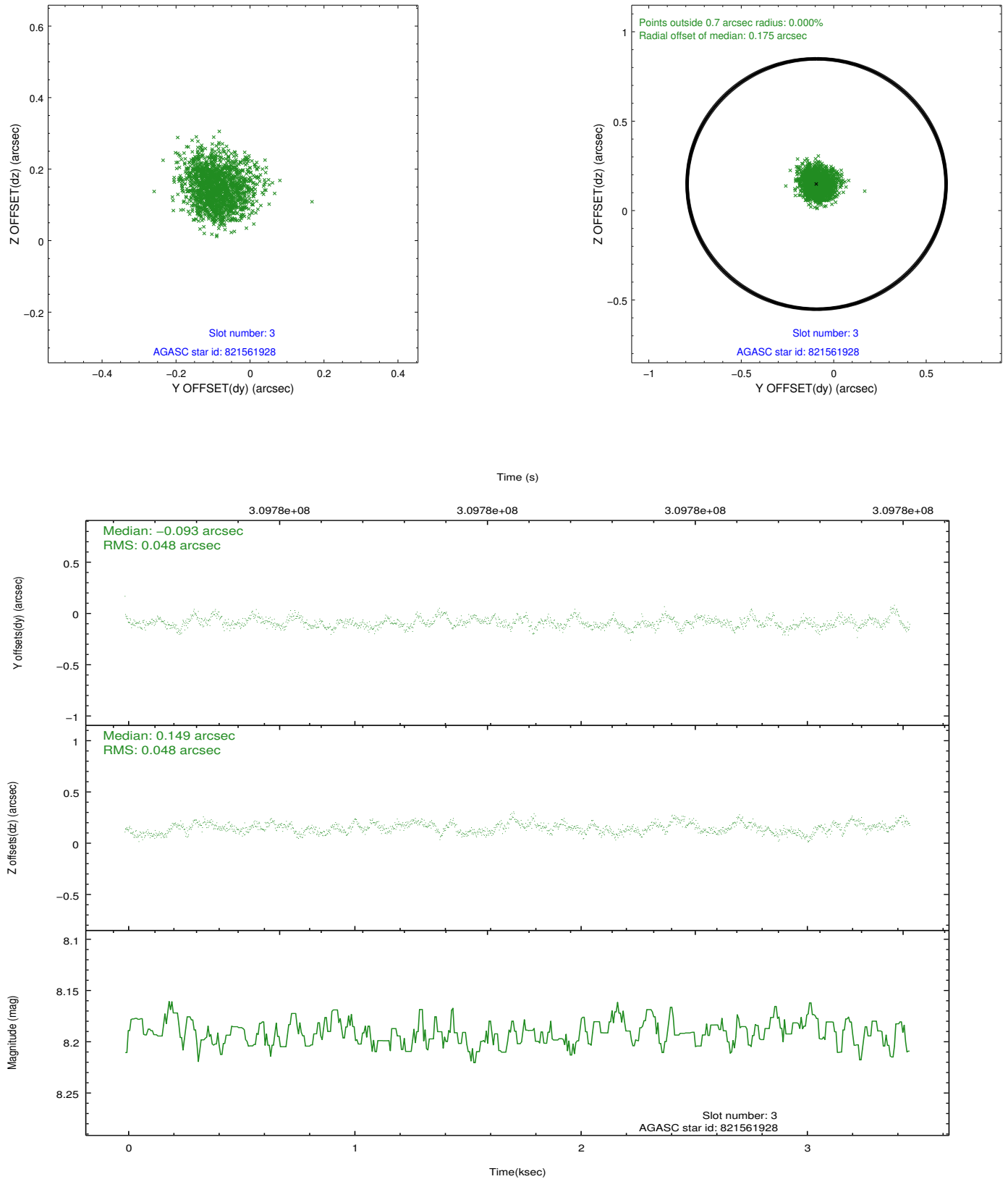


Slot Statistics

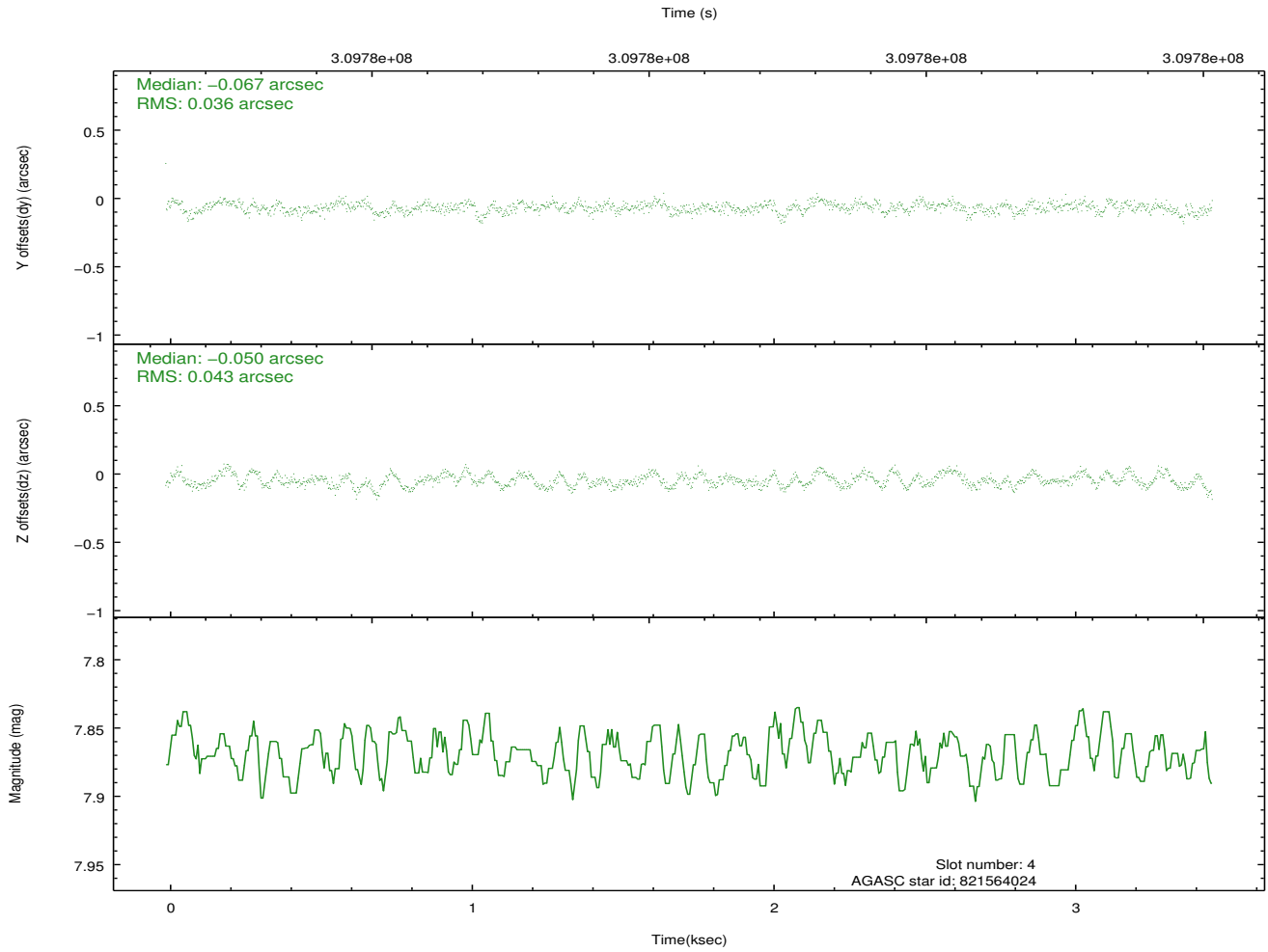
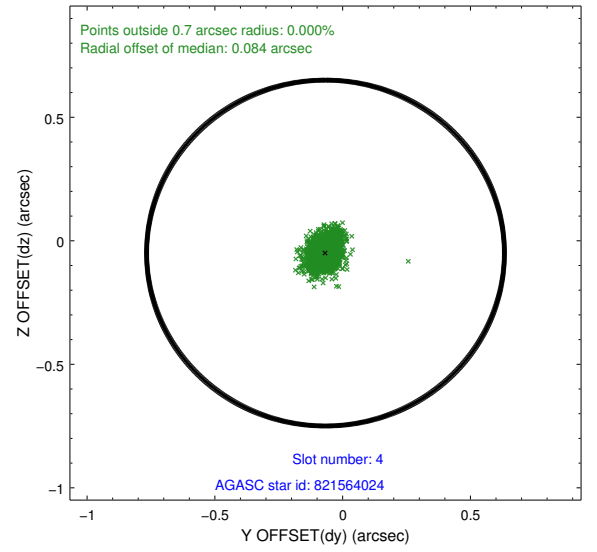
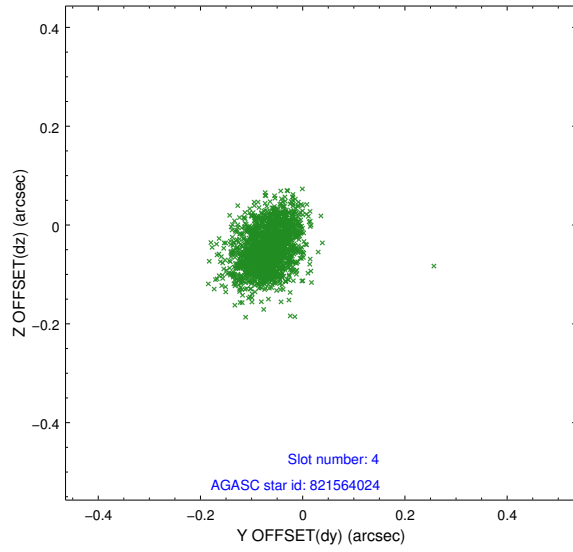
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	847	-0.042	-0.032	0.006	0.010	0.000000	0.000000	-766.43	-1737.68
1	FID	ACIS-S-4	7.19	846	0.175	0.029	0.005	0.010	0.000000	0.000000	2146.22	168.97
2	FID	ACIS-S-5	7.22	846	-0.165	0.012	0.007	0.010	0.000000	0.000000	-1817.06	164.70
3	GUIDE	821561928	8.19	1691	-0.093	0.149	0.073	0.117	273.412393	-18.388173	-991.85	1328.21
4	GUIDE	821564024	7.87	1693	-0.067	-0.050	0.060	0.097	272.759965	-18.547608	-572.05	-933.45
5	GUIDE	822088160	6.63	1693	-0.178	0.023	0.054	0.086	272.729284	-18.869551	577.42	-1115.80
6	GUIDE	822090992	8.75	1692	0.401	-0.274	0.105	0.177	272.402721	-19.357501	2258.88	-2339.74
7	GUIDE	821569736	9.12	1690	-0.063	0.149	0.085	0.137	273.615040	-18.273736	-1352.38	2046.87

2.4 Star Slots

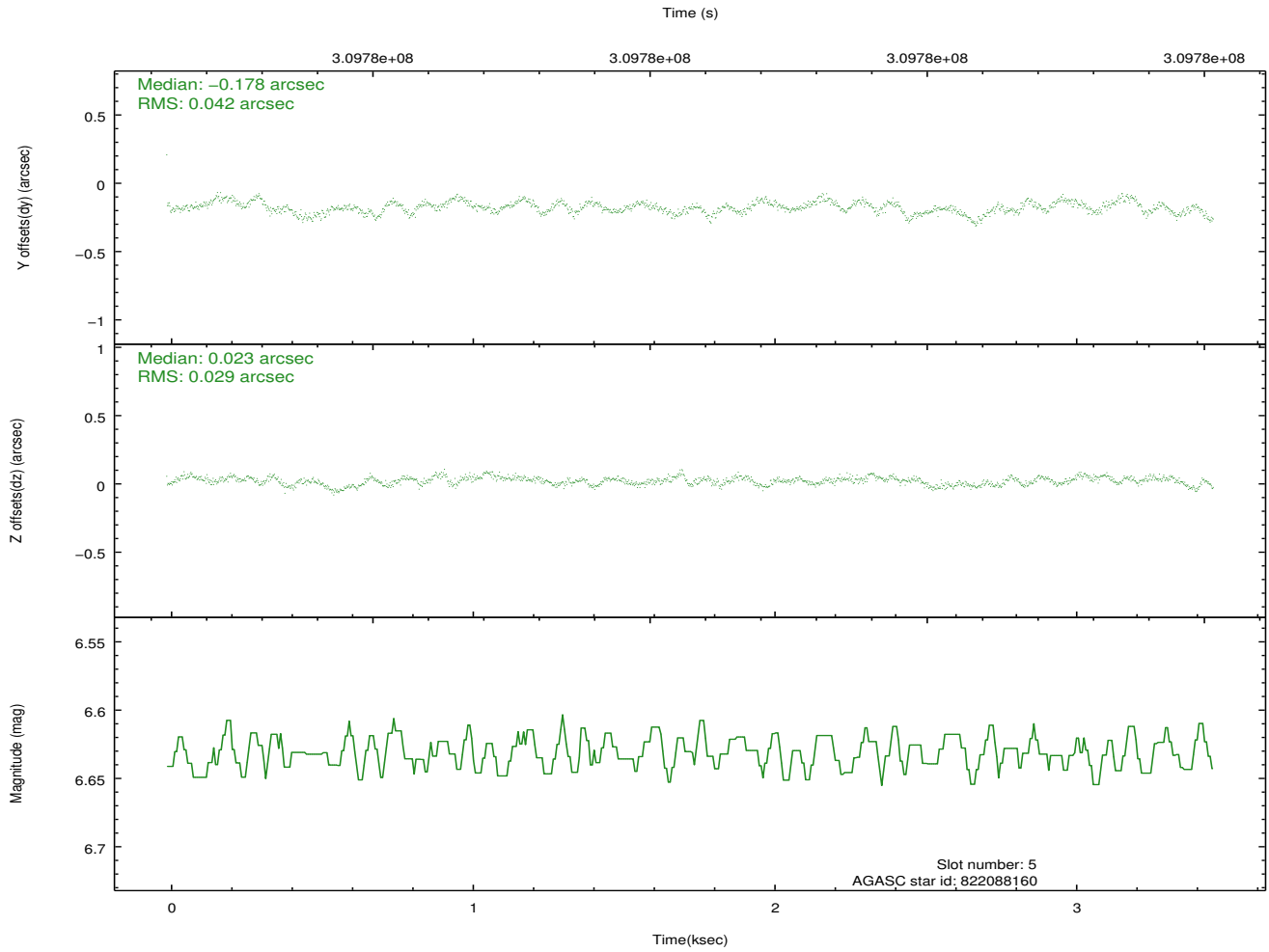
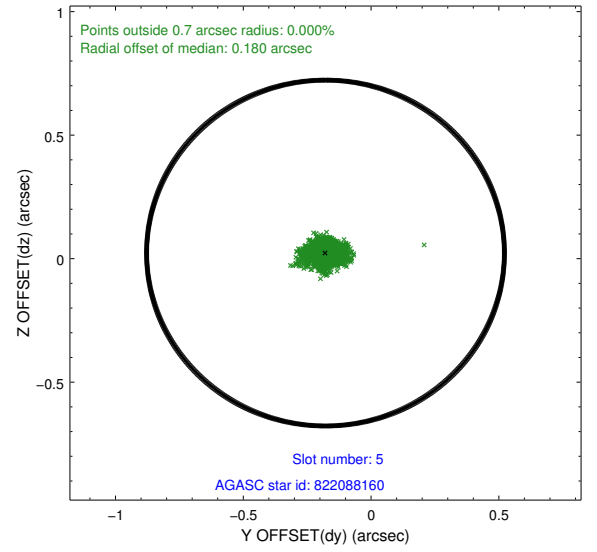
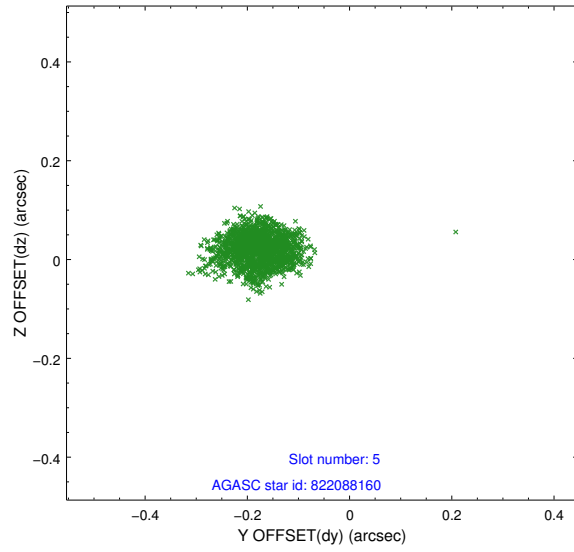
2.4.1 Slot 3



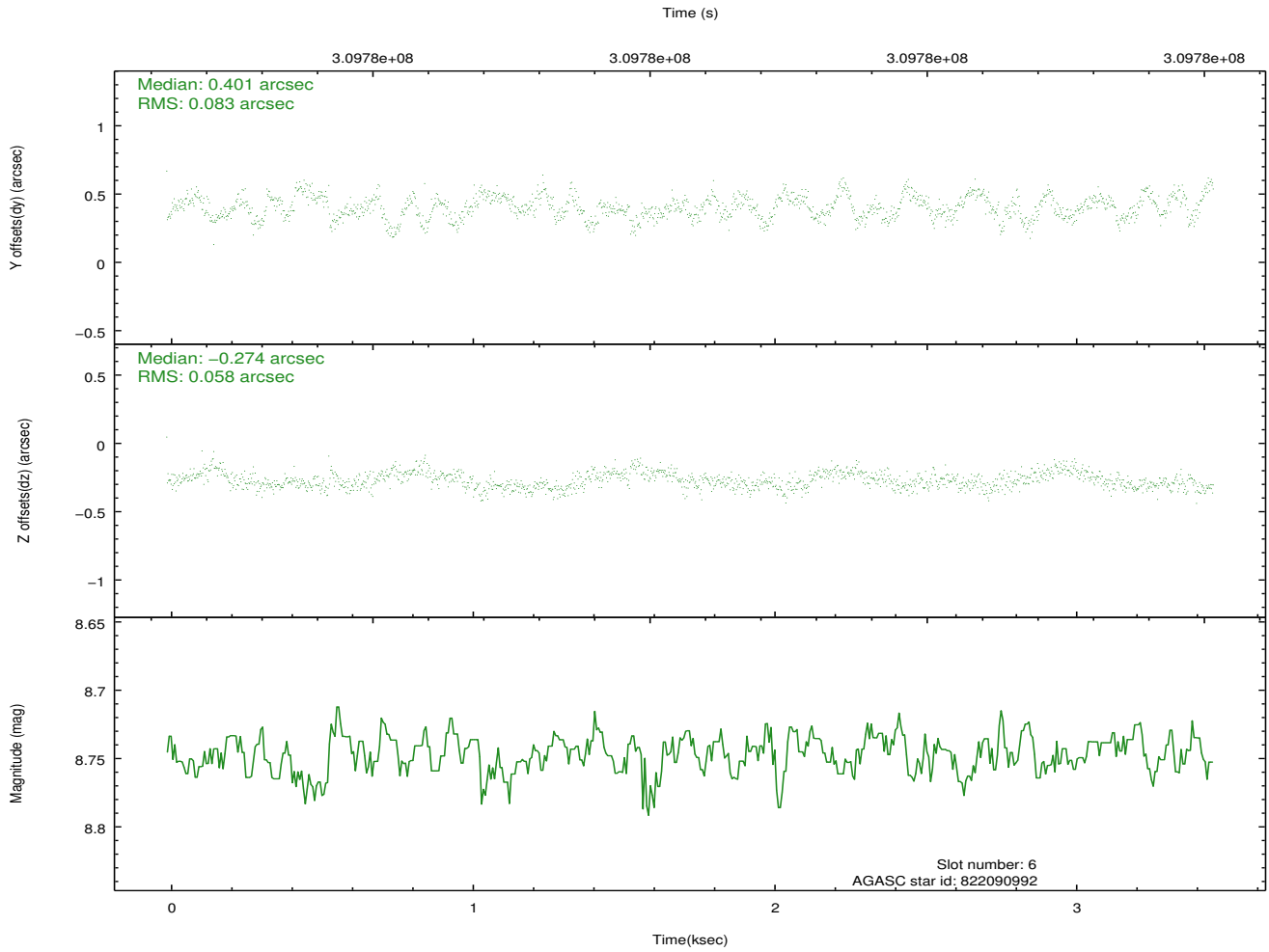
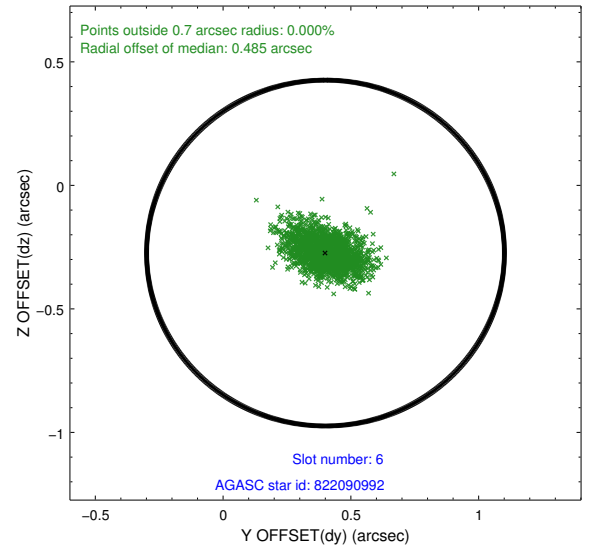
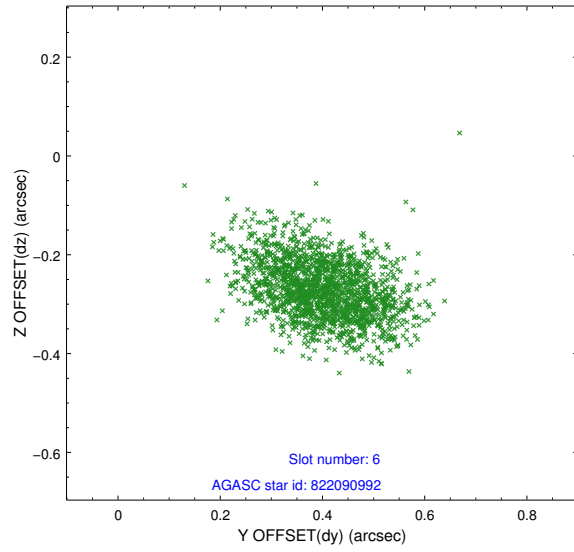
2.4.2 Slot 4



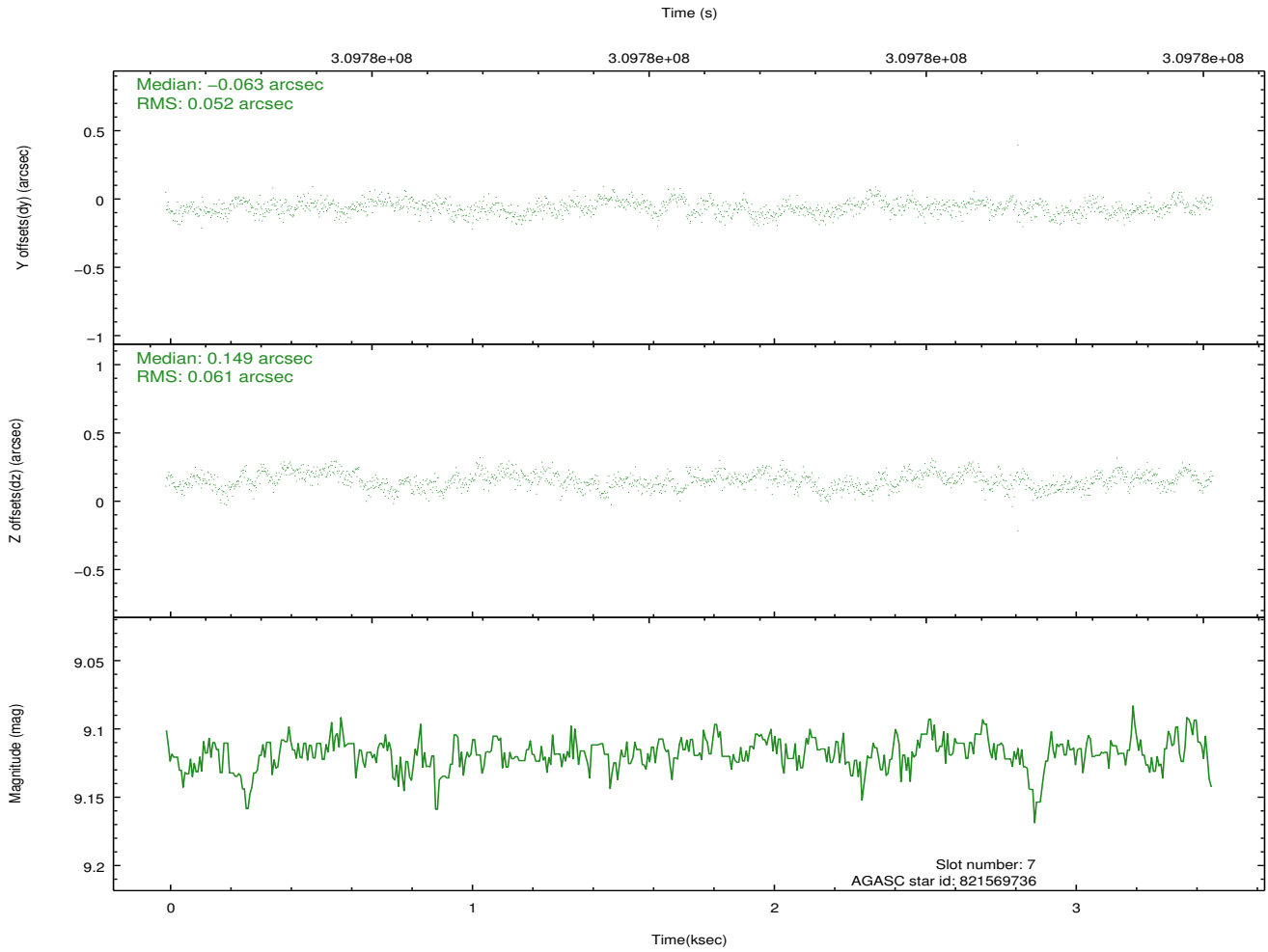
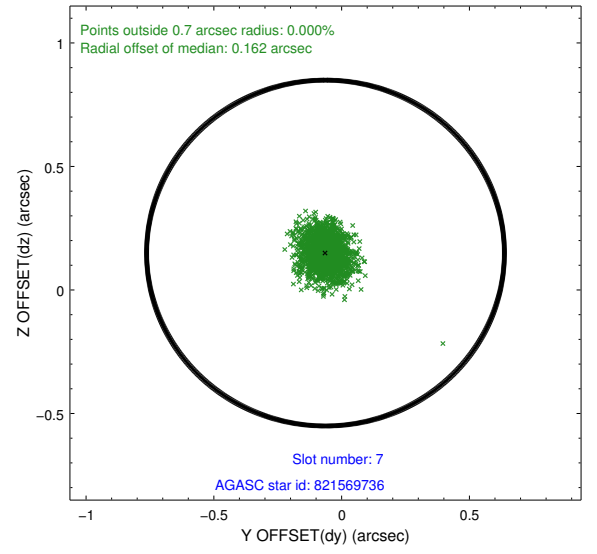
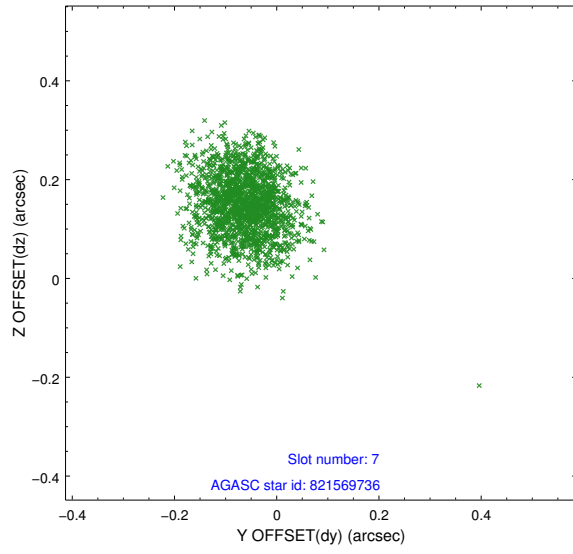
2.4.3 Slot 5



2.4.4 Slot 6

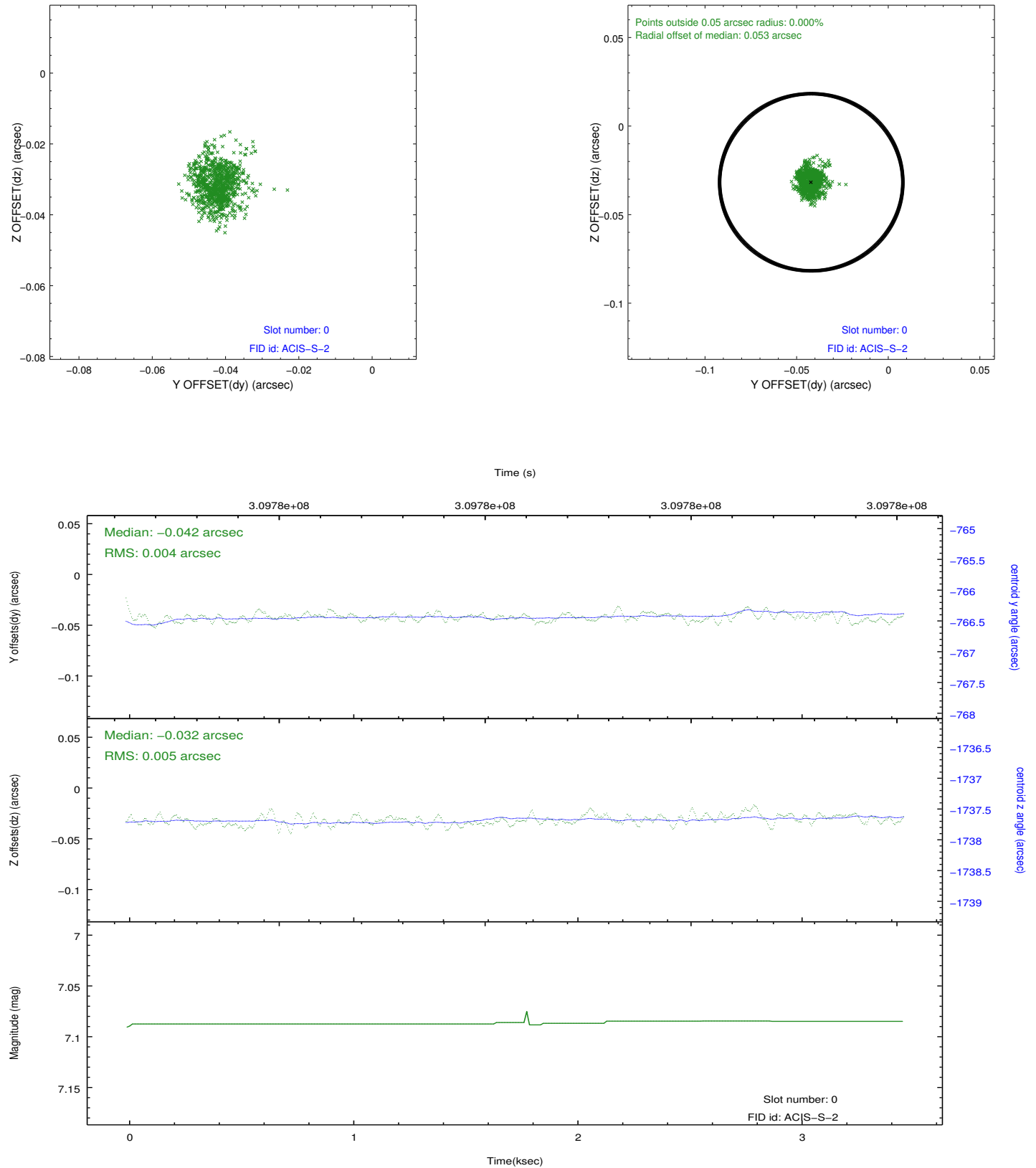


2.4.5 Slot 7

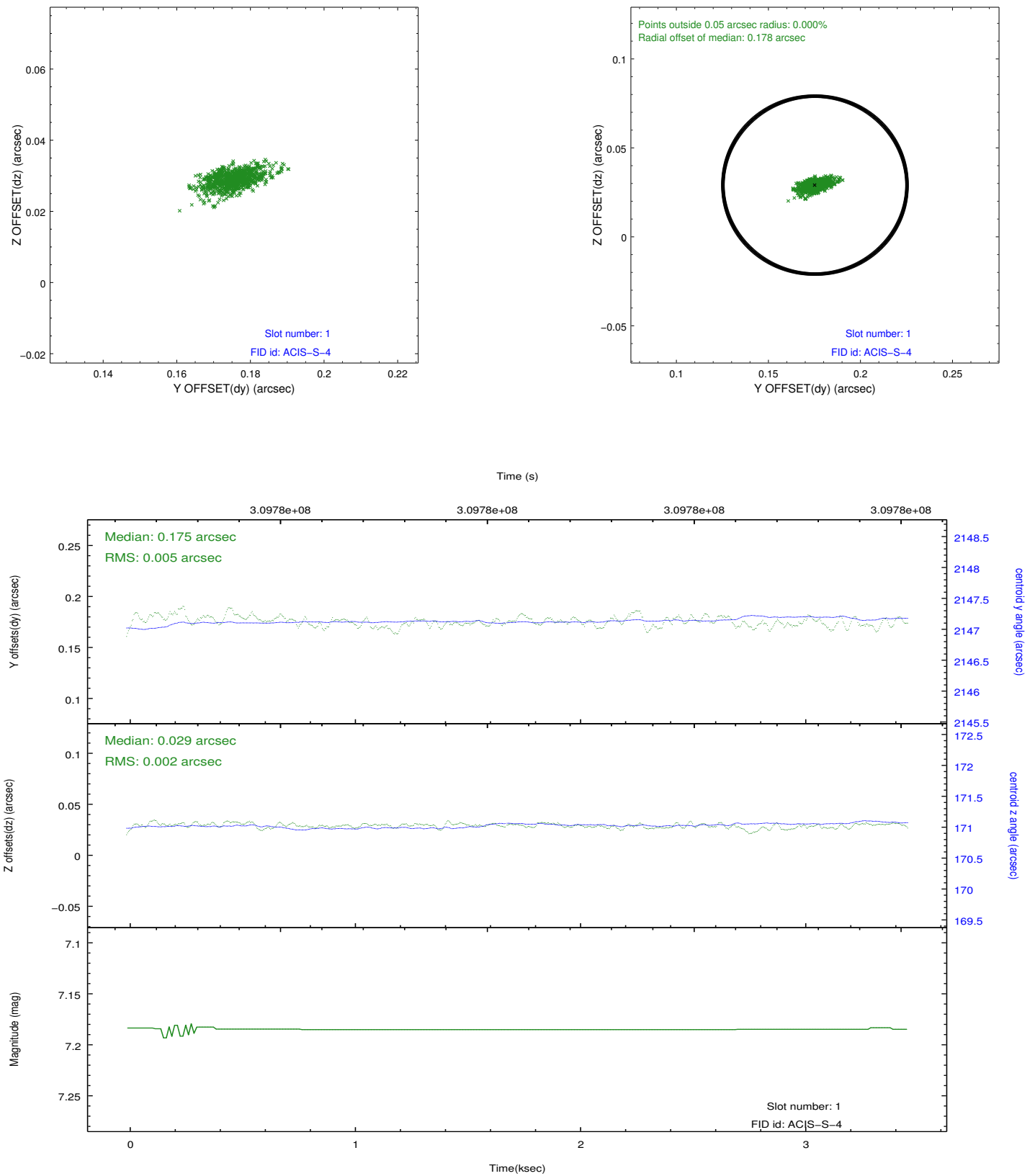


2.5 FID Slots

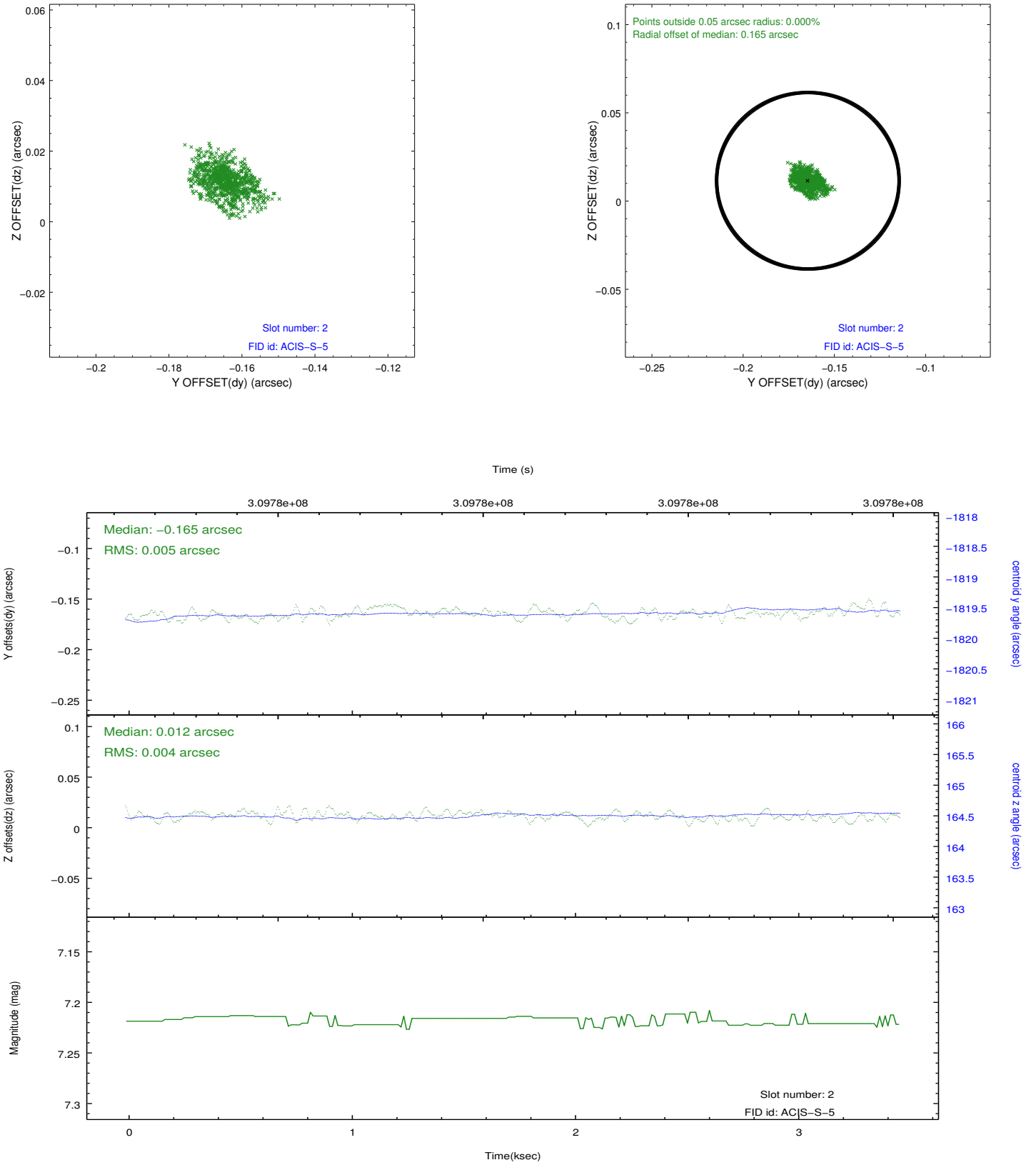
2.5.1 Slot 0



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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.03679998

A.2 Comments