

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10522 - L2 Version 2
Chandra X-Ray Center

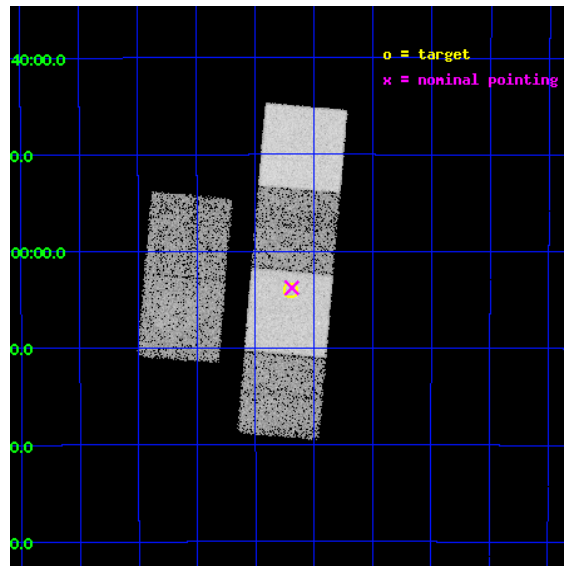
L2 Processing Date : Jun 1 2012

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1 Front

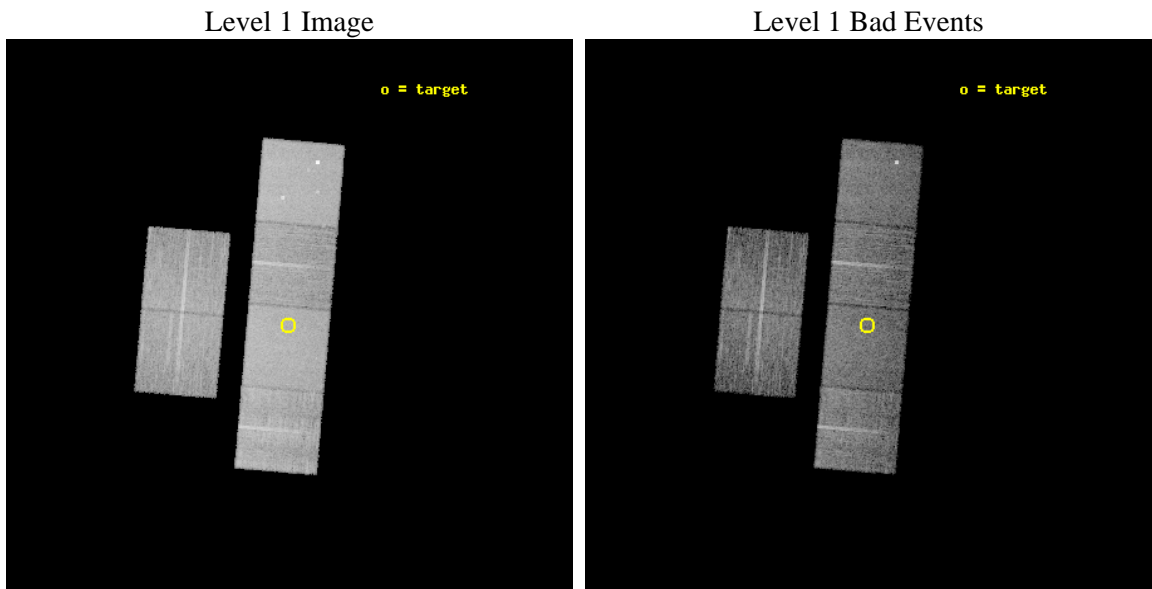
seq_num	900890	Sequence number
obs_id	10522	Observation id
title	ChIcAGO: Chandra Identification of ASCA Galactic Objects	Proposal
observer	Prof. Bryan Gaensler	Principal investigator
object	AX J172642-3504	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	261.675833	Observer's specified target RA [deg]
dec_targ	-35.067	Observer's specified target Dec [deg]
ra_nom	261.67238632014	Nominal RA [deg]
dec_nom	-35.063083761041	Nominal Dec [deg]
roll_nom	94.94753155705	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7448.1931937337	Sum of GTIs [s]
livetime	7353.8796867511	Livetime [s]
ontime2	7448.234233737	Sum of GTIs [s]
ontime3	7448.0700737238	Sum of GTIs [s]
ontime5	7448.1521537304	Sum of GTIs [s]
ontime6	7448.1111137271	Sum of GTIs [s]
ontime7	7448.1931937337	Sum of GTIs [s]
ontime8	7448.0290337205	Sum of GTIs [s]
l2events	130583	Number of level 2 events



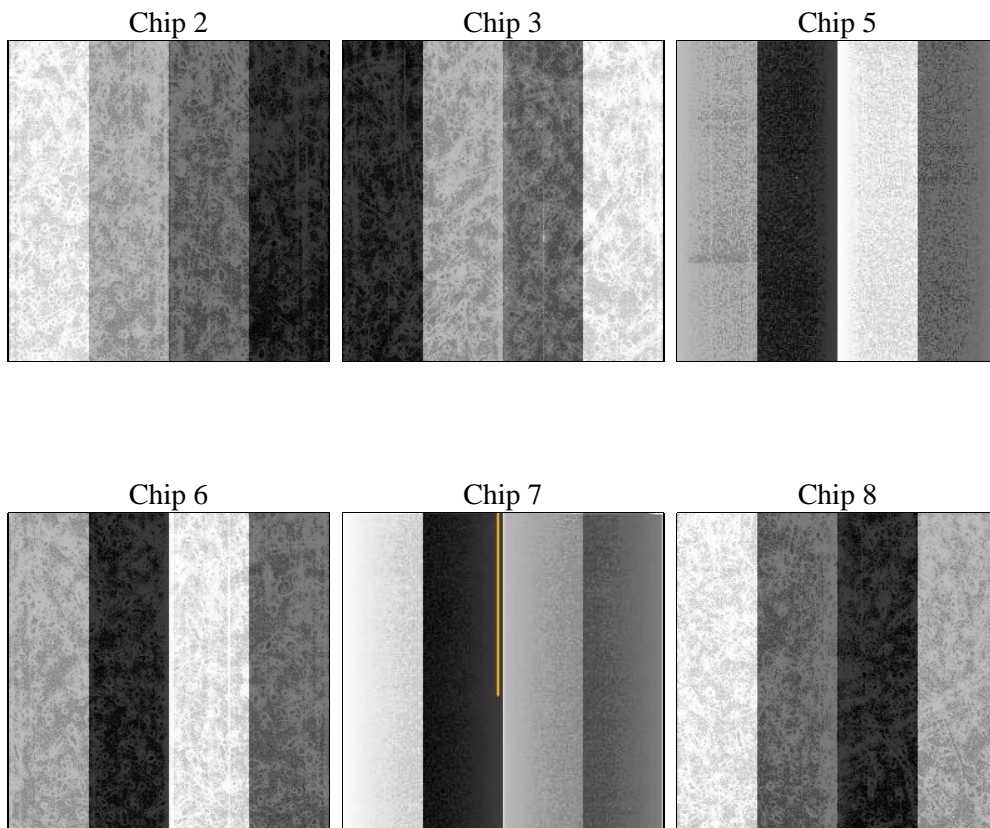
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7448.1931937337	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	7448.234233737	Sum of GTIs [s]
date	2012-06-01T06:55:38	Date and time of file creation	ontime3	7448.0700737238	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	7448.1521537304	Sum of GTIs [s]
			ontime6	7448.1111137271	Sum of GTIs [s]
			ontime7	7448.1931937337	Sum of GTIs [s]
			ontime8	7448.0290337205	Sum of GTIs [s]
			l1events	550122	Number of level 1 events

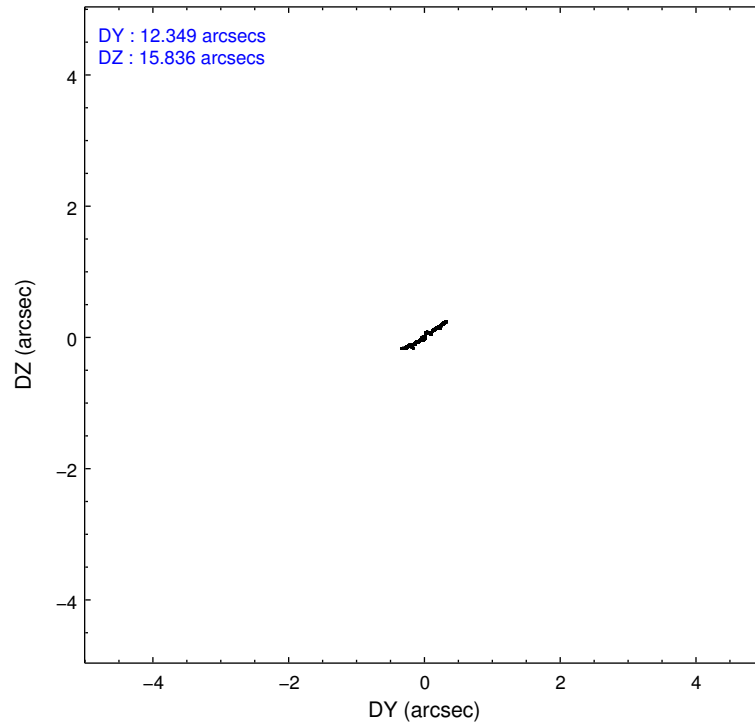
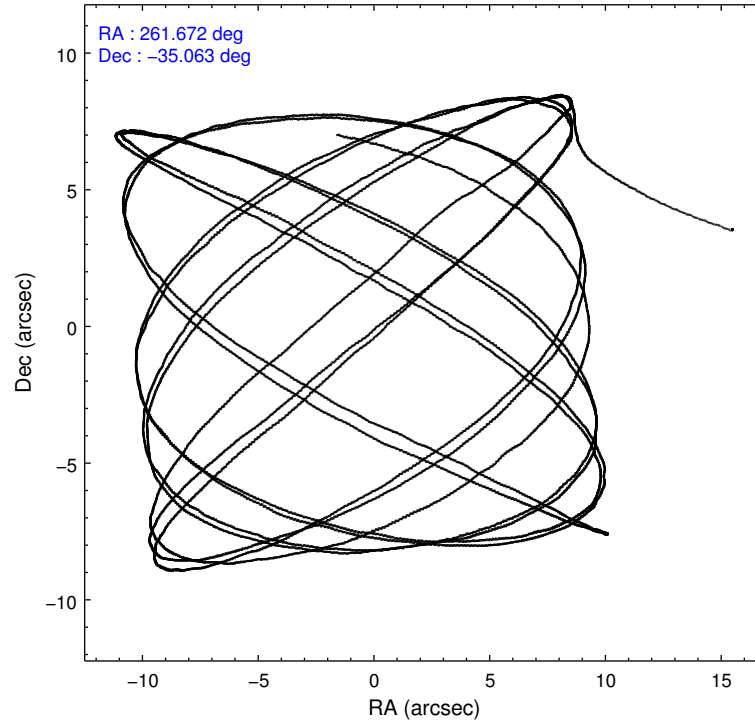
2.1.4 Events

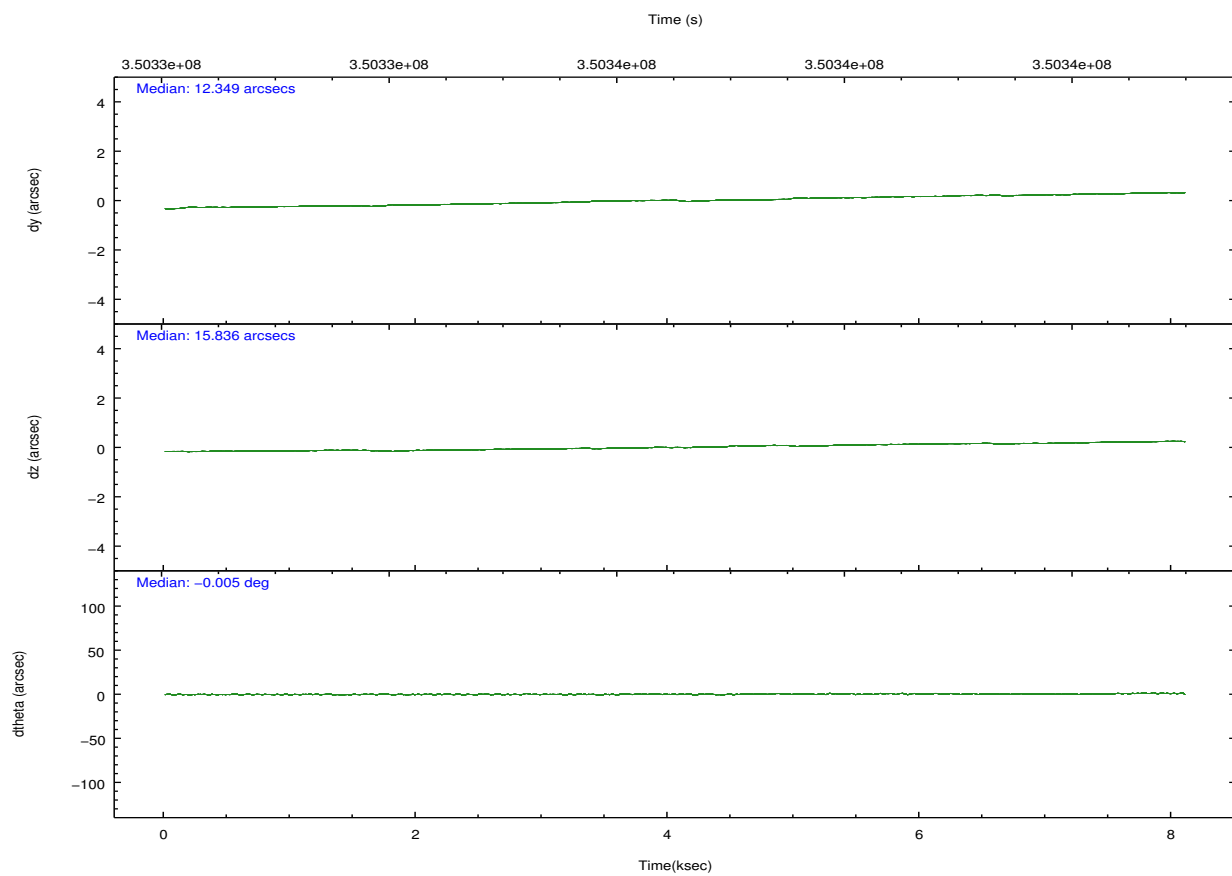
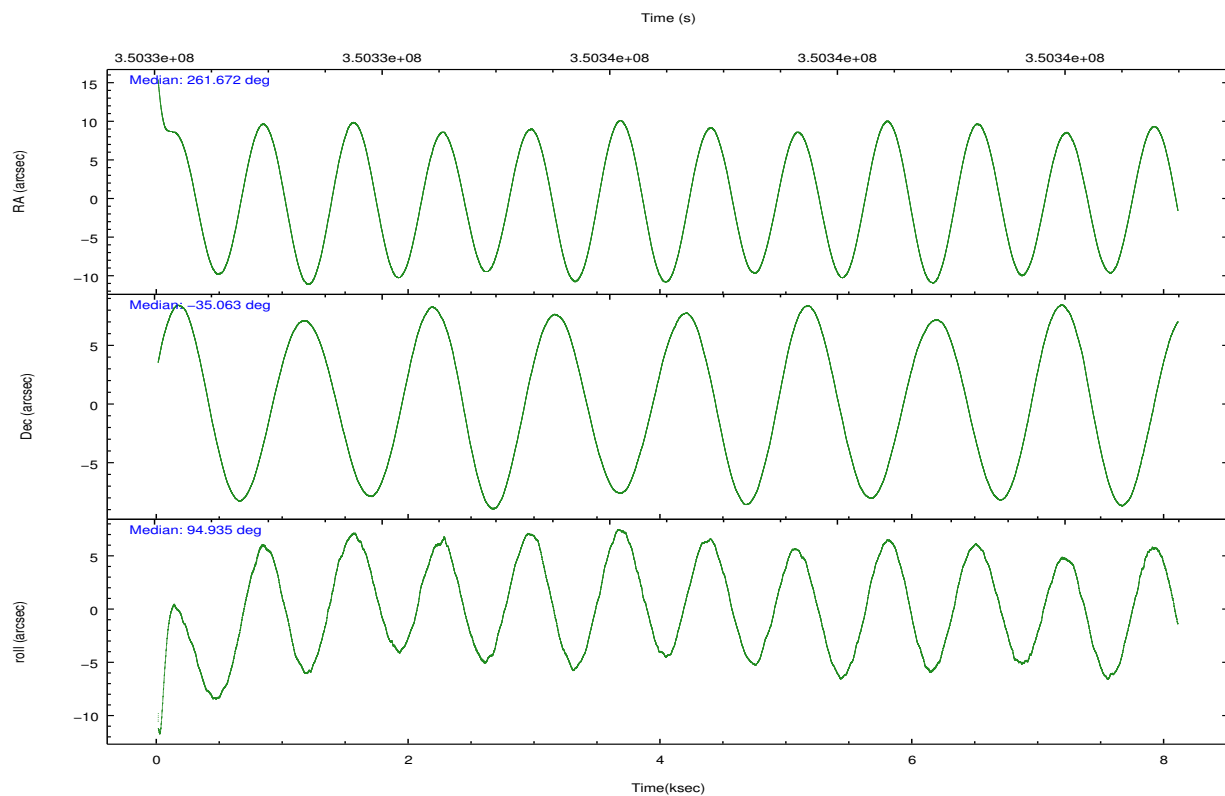
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	75241	74098	120643	75653	107129	97358	grade 0 events	4146	5024	5326	3820	3845	7163
rejected events	65933	63651	65418	66015	62126	74329		5%	6%	4%	5%	3%	7%
rejected %	87%	85%	54%	87%	57%	76%	grade 1 events	53	43	1195	53	115	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	1923	1957	16918	2160	9286	5364
								2%	2%	14%	2%	8%	5%
							grade 3 events	801	921	1970	907	3876	2335
								1%	1%	1%	1%	3%	2%
							grade 4 events	869	884	1919	849	3808	2227
								1%	1%	1%	1%	3%	2%
							grade 5 events	3185	3563	8619	3653	10116	4948
								4%	4%	7%	4%	9%	5%
							grade 6 events	1576	1668	29146	1915	24236	5987
								2%	2%	24%	2%	22%	6%
							grade 7 events	62688	60038	55550	62296	51847	69246
								83%	81%	46%	82%	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	261.691813	261.6723863201406	CCD I2 on	O2	Y
[deg] Pointing Dec	-35.085304	-35.06308376104091	CCD I3 on	O3	Y
[deg] Pointing Roll	94.802098	94.9475315570498	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)	350333062.184000	350331892.40494	CCD S5 on	N	N
Observation start date	2009-02-06T18:43:16	2009-02-06T18:24:52	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	350340562.184000	350340696.64288	On-chip summing requested	N	N
Observation end date	2009-02-06T20:48:16	2009-02-06T20:51:36	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



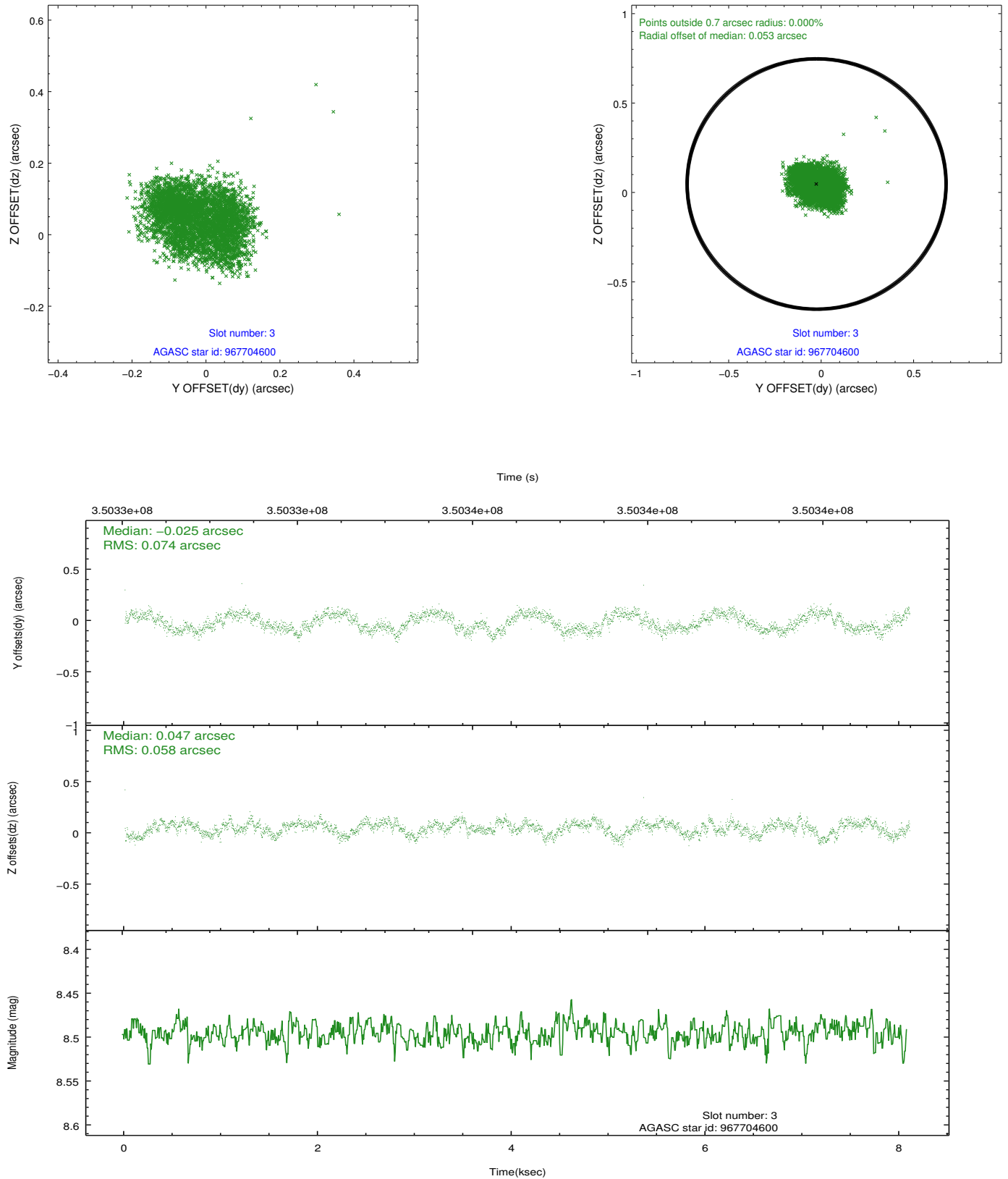


Slot Statistics

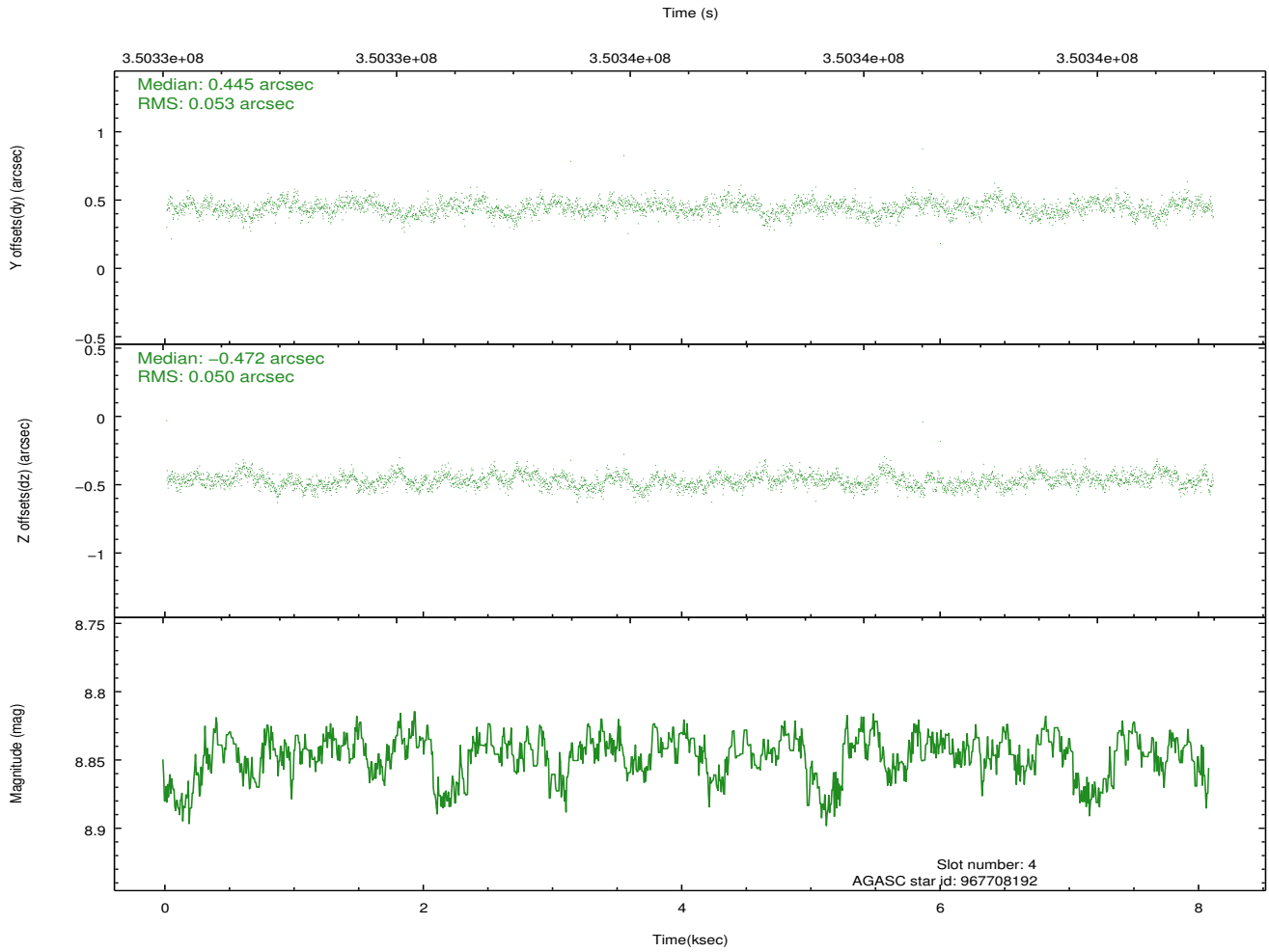
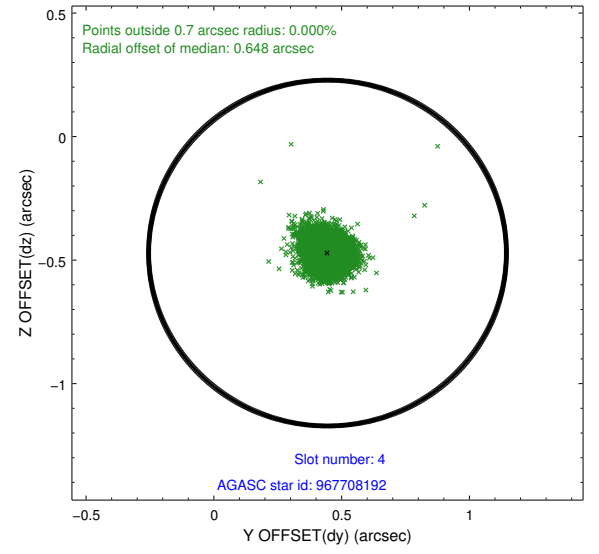
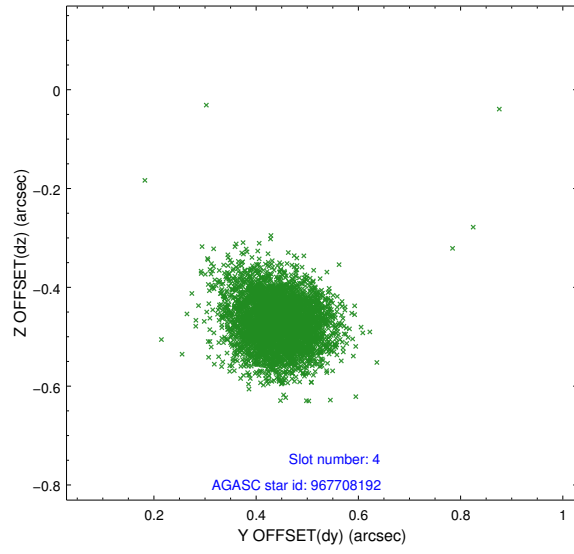
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	1976	-0.037	-0.007	0.007	0.011	0.000000	0.000000	-765.26	-1737.22
1	FID	ACIS-S-4	6.97	1976	0.130	0.020	0.007	0.013	0.000000	0.000000	2147.84	170.61
2	FID	ACIS-S-5	7.00	1976	-0.124	-0.004	0.011	0.017	0.000000	0.000000	-1817.33	164.99
3	GUIDE	967704600	8.50	3951	-0.025	0.047	0.103	0.151	262.063091	-34.610970	1607.48	-1238.25
4	GUIDE	967708192	8.85	3946	0.445	-0.472	0.075	0.121	261.540547	-34.557389	1931.54	287.85
5	GUIDE	967708296	8.91	3950	0.436	0.284	0.093	0.149	261.914006	-35.390296	-1148.66	-557.38
6	GUIDE	967711376	7.02	3952	-1.122	-0.369	0.065	0.106	261.036431	-34.798453	1182.83	1844.85
7	GUIDE	968233080	8.15	3948	0.254	0.516	0.071	0.112	262.553982	-35.644375	-2226.95	-2343.30

2.4 Star Slots

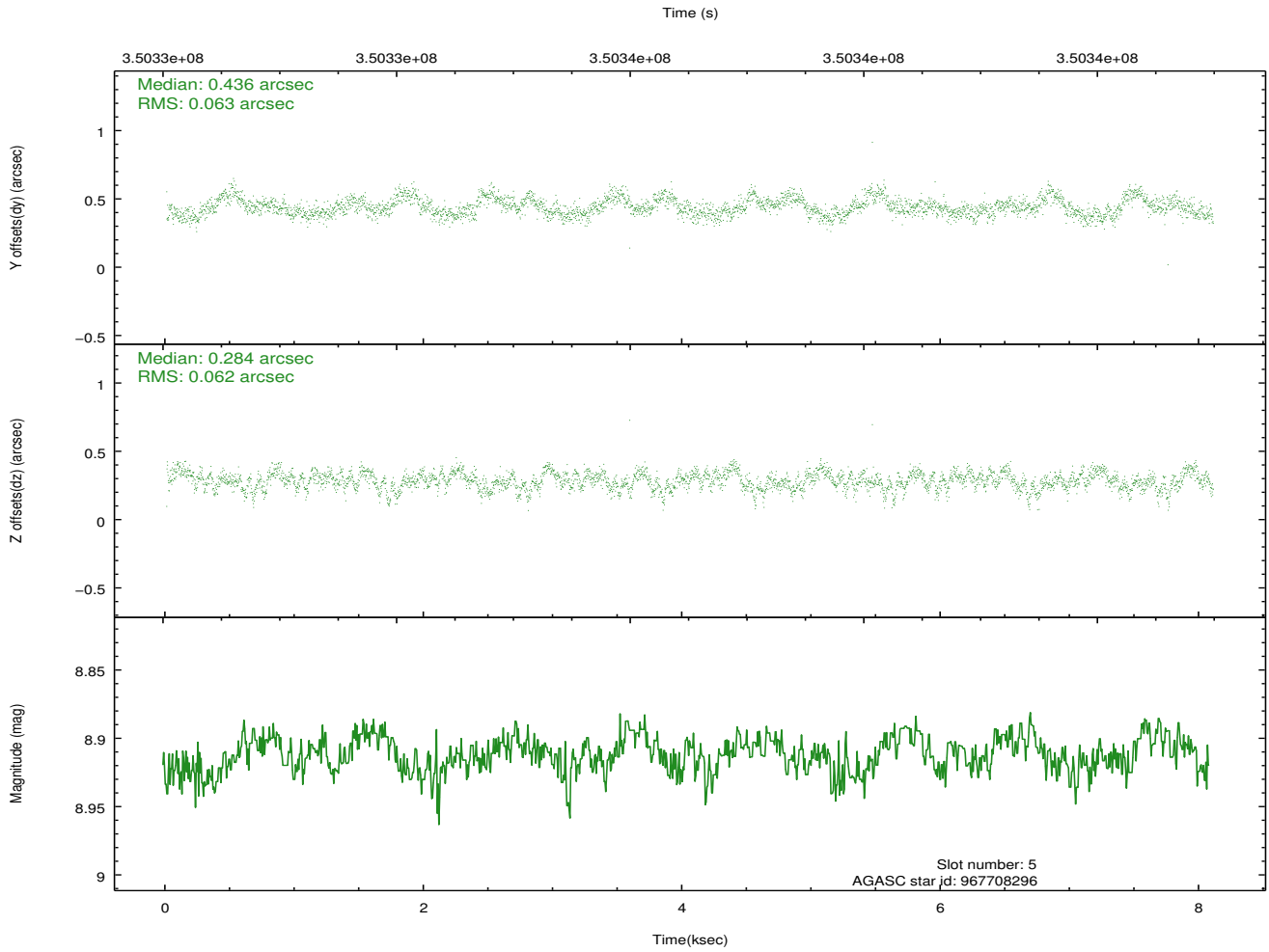
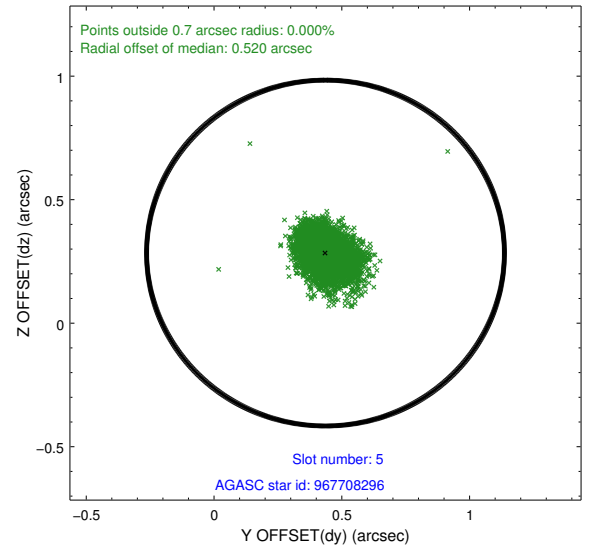
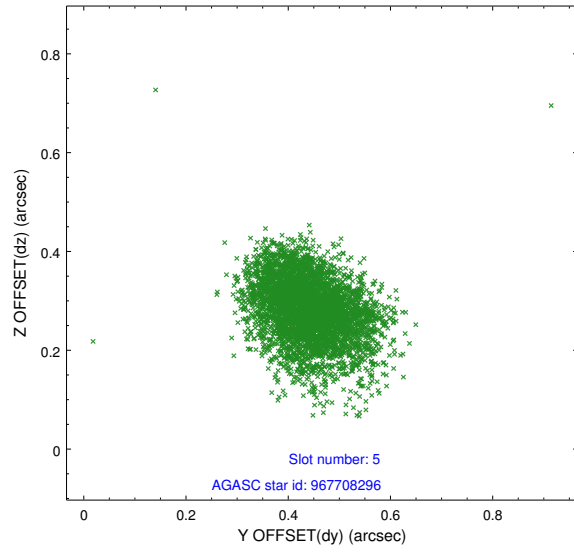
2.4.1 Slot 3



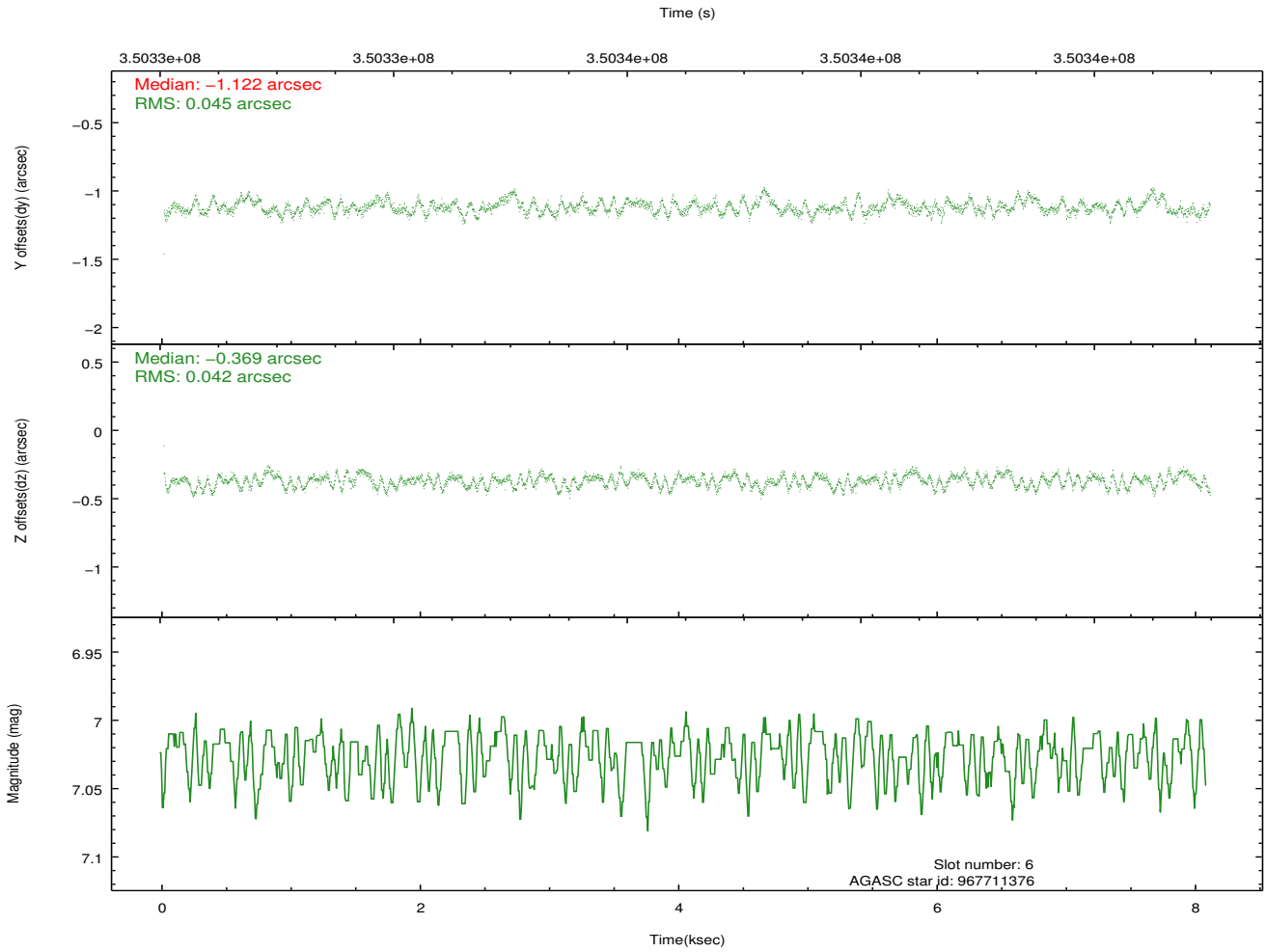
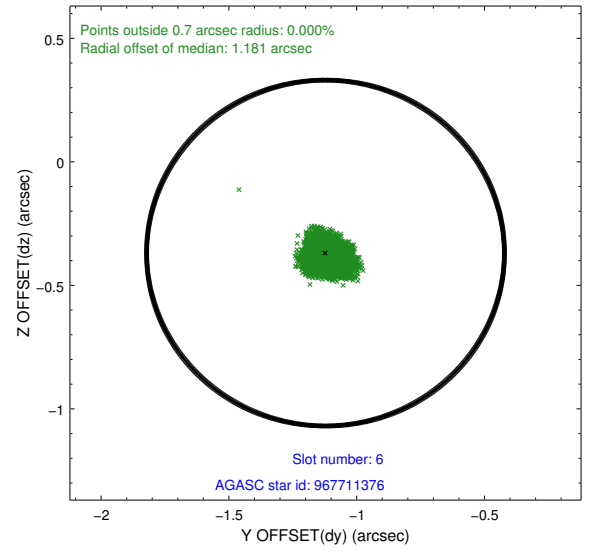
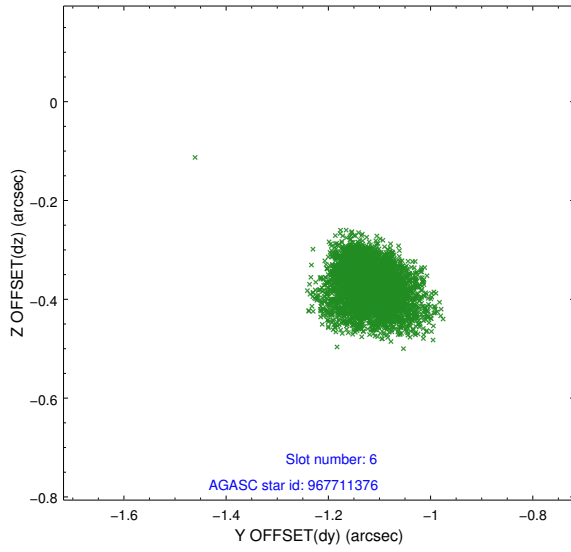
2.4.2 Slot 4



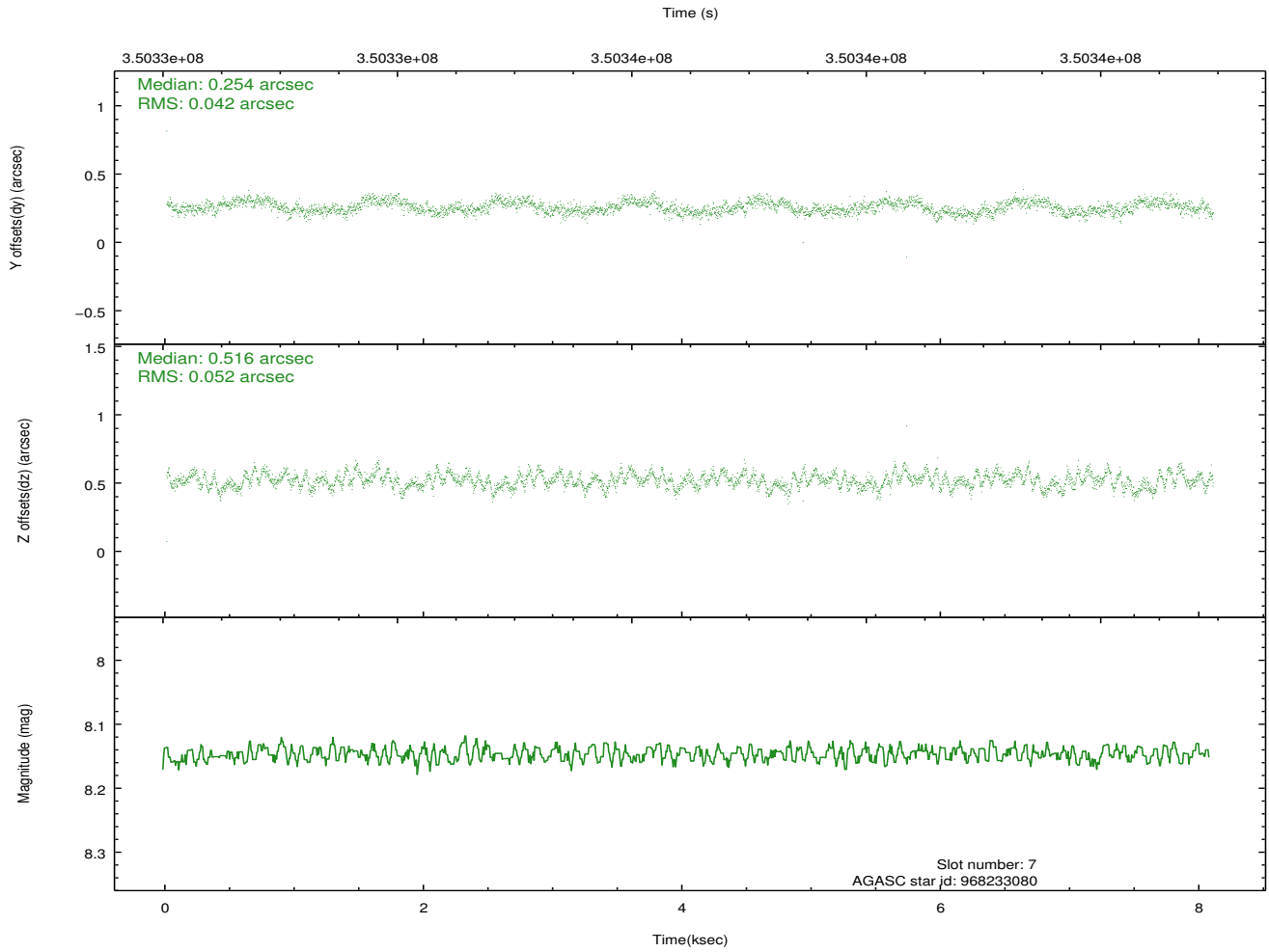
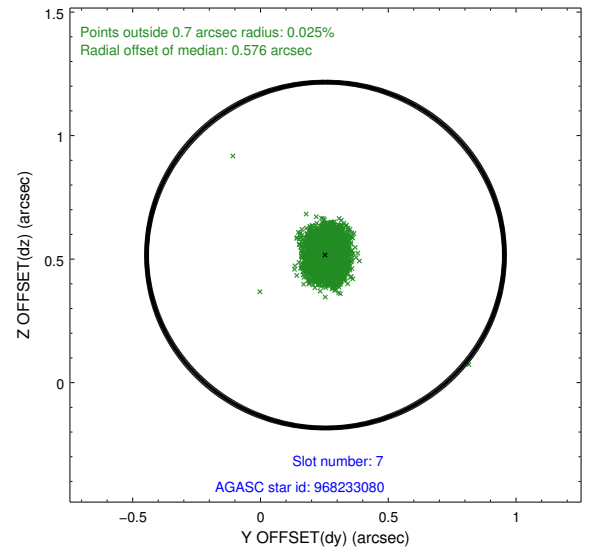
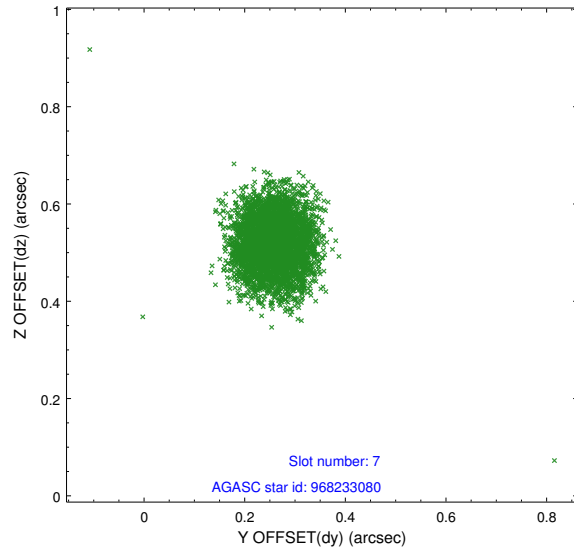
2.4.3 Slot 5



2.4.4 Slot 6

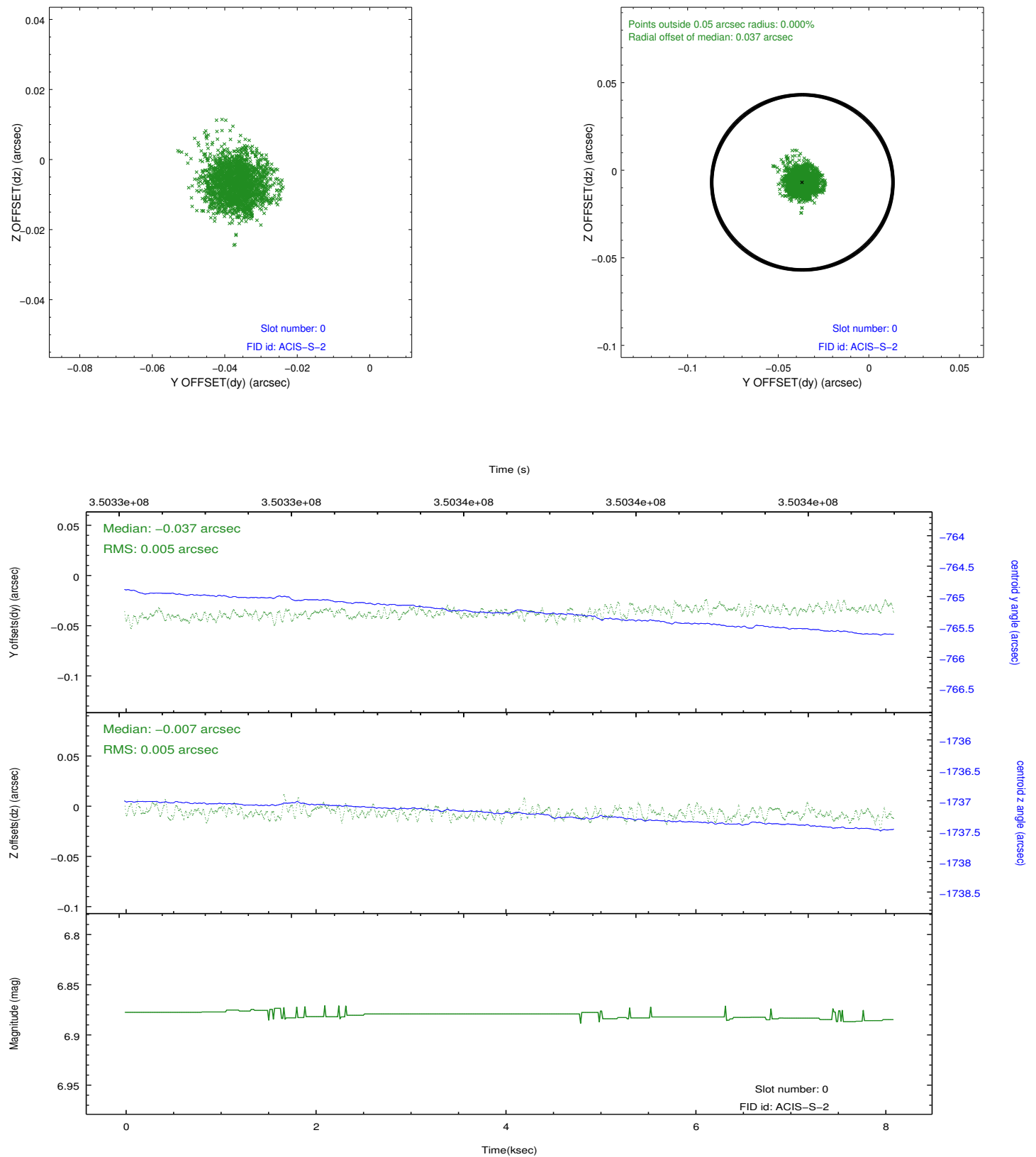


2.4.5 Slot 7

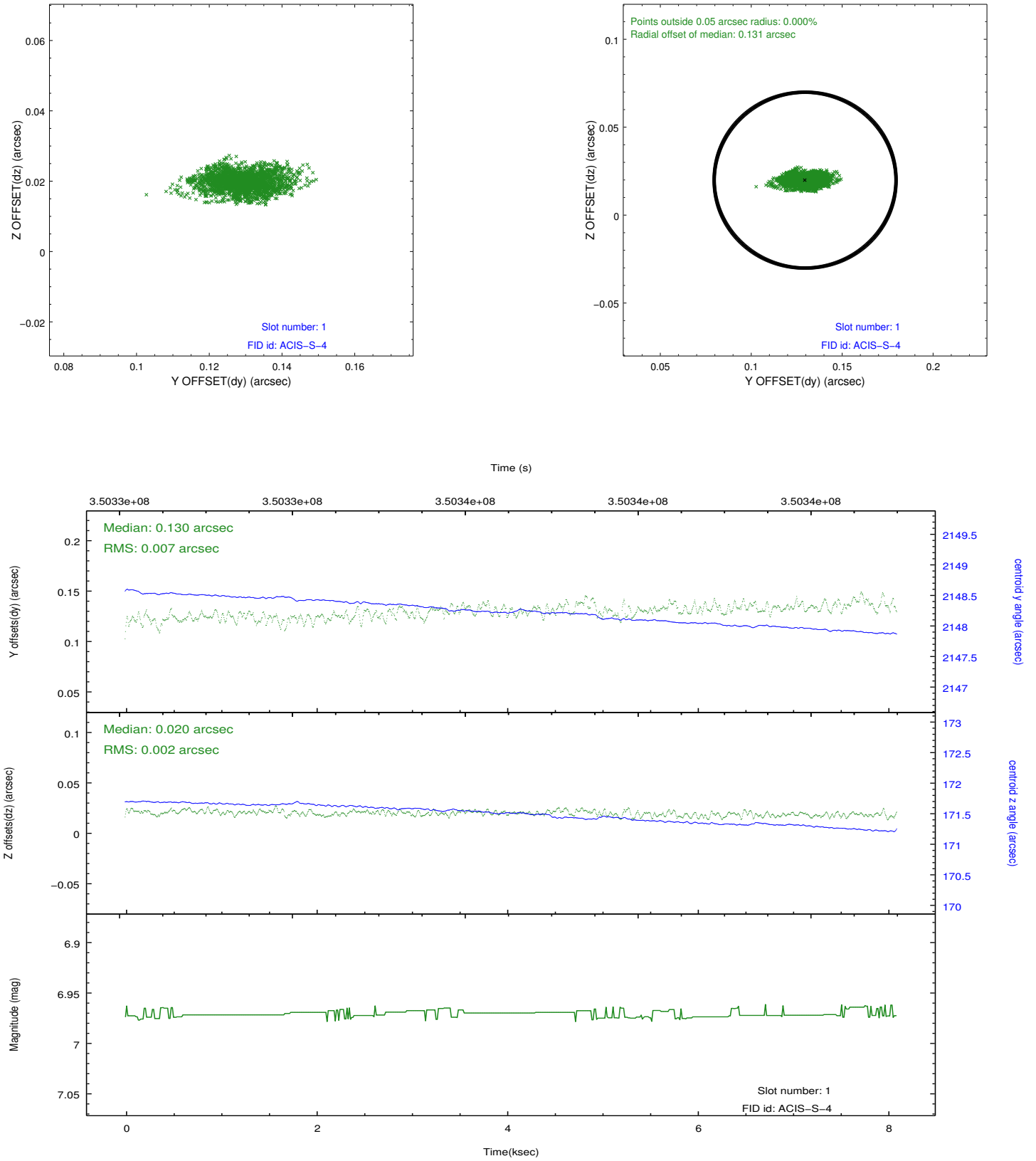


2.5 FID Slots

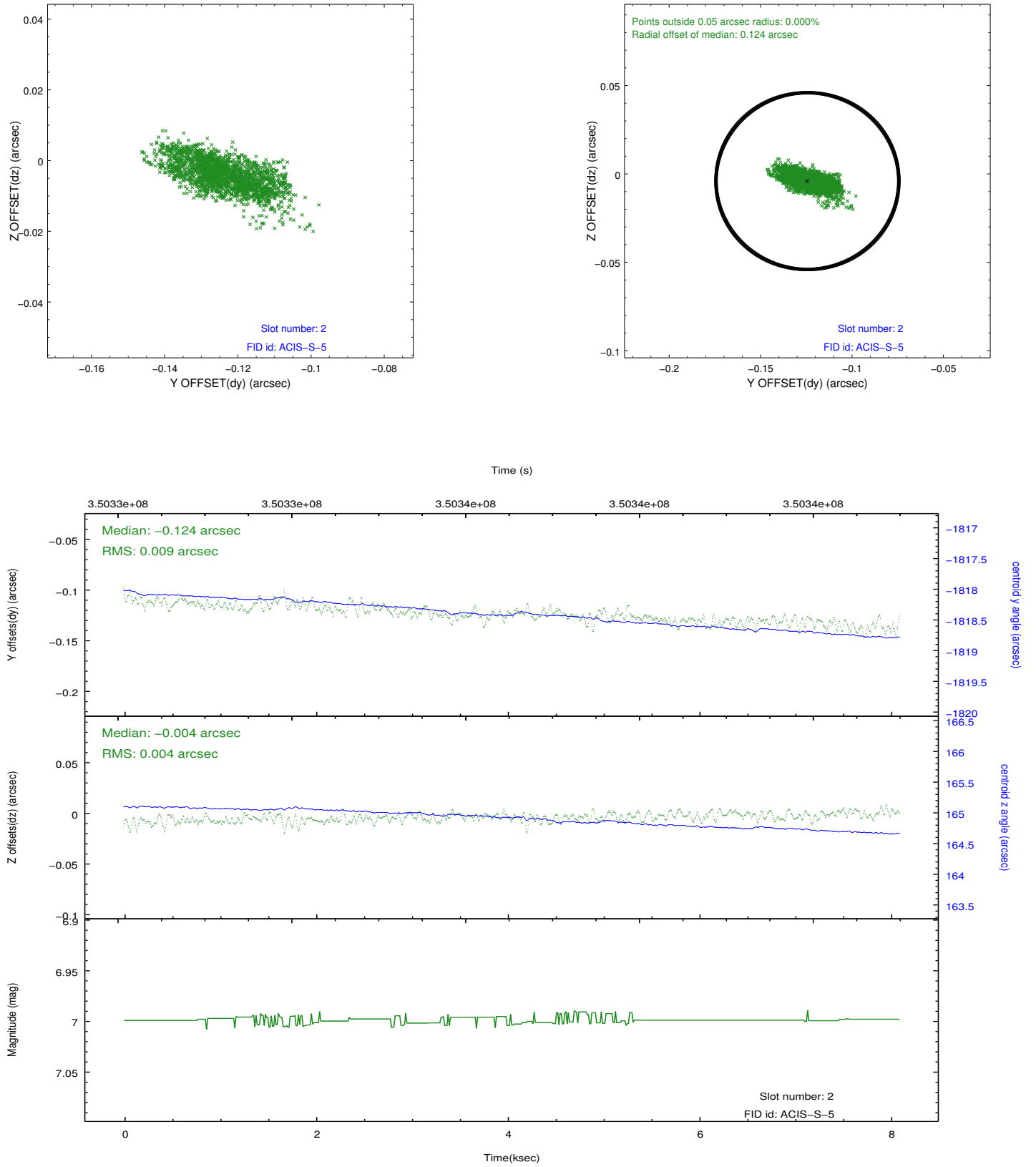
2.5.1 Slot 0



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)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.44959997

A.2 Comments