

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10526 - L2 Version 2
Chandra X-Ray Center

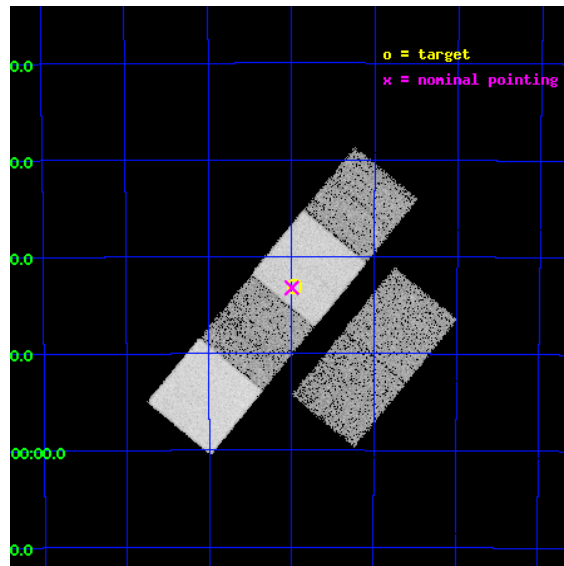
L2 Processing Date : Jun 9 2012

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1 Front

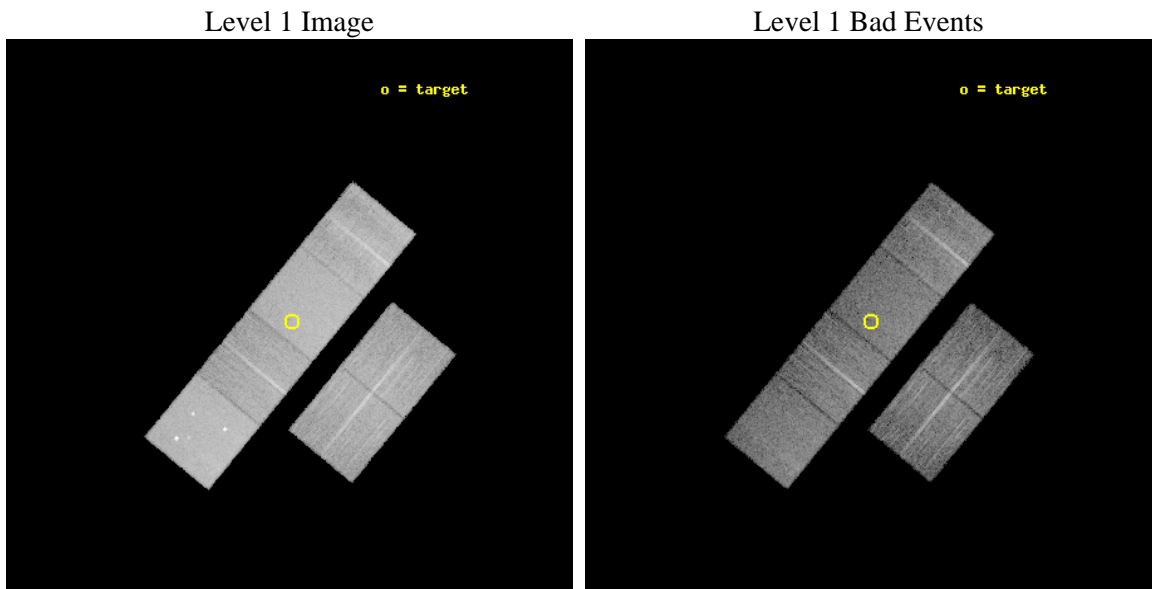
seq_num	900894	Sequence number
obs_id	10526	Observation id
title	ChIcAGO: Chandra Identification of ASCA Galactic Objects	Proposal
observer	Prof. Bryan Gaensler	Principal investigator
object	AX J154557-5443	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	236.490833	Observer's specified target RA [deg]
dec_targ	-54.719	Observer's specified target Dec [deg]
ra_nom	236.49876964323	Nominal RA [deg]
dec_nom	-54.720547854163	Nominal Dec [deg]
roll_nom	309.40425304458	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8438.3999686241	Sum of GTIs [s]
livetime	8331.5478672269	Livetime [s]
ontime2	8438.3999686241	Sum of GTIs [s]
ontime3	8435.158947885	Sum of GTIs [s]
ontime5	8438.3999686241	Sum of GTIs [s]
ontime6	8438.3999686241	Sum of GTIs [s]
ontime7	8438.3999686241	Sum of GTIs [s]
ontime8	8438.3999686241	Sum of GTIs [s]
l2events	149647	Number of level 2 events



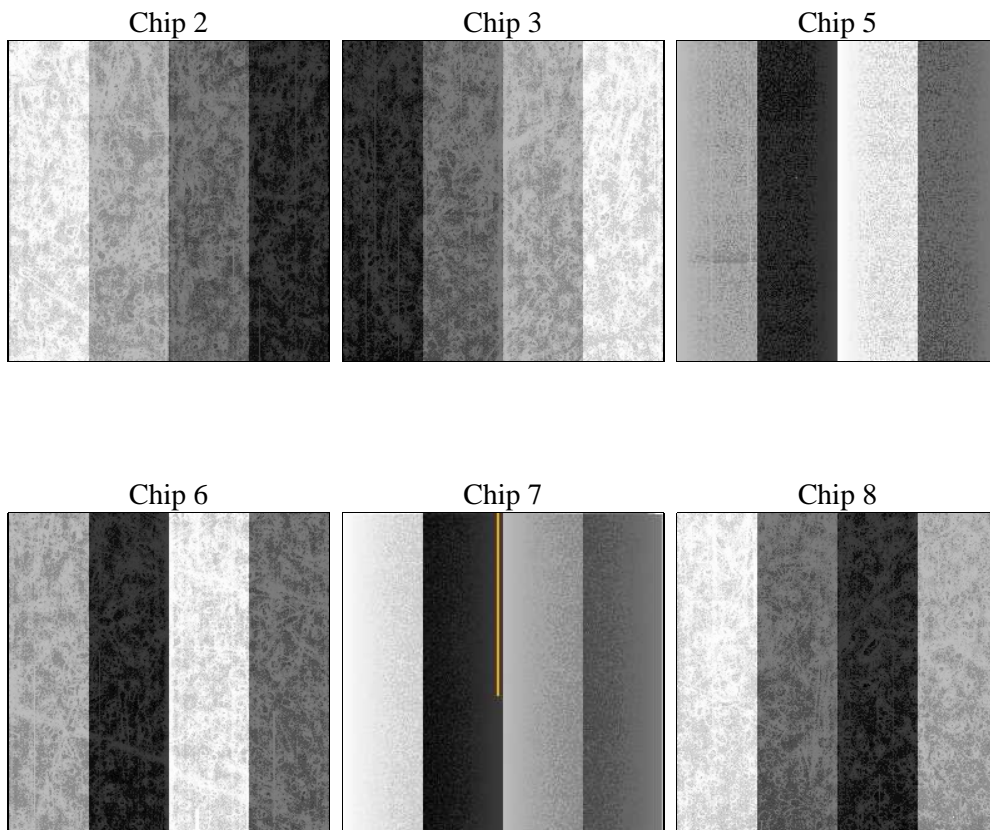
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8493.390000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8438.3999686241	Sum of GTIs [s]
caldbver	4.4.10	 	ontime2	8438.3999686241	Sum of GTIs [s]
date	2012-06-09T07:46:18	Date and time of file creation	ontime3	8435.158947885	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	8438.3999686241	Sum of GTIs [s]
			ontime6	8438.3999686241	Sum of GTIs [s]
			ontime7	8438.3999686241	Sum of GTIs [s]
			ontime8	8438.3999686241	Sum of GTIs [s]
			l1events	646565	Number of level 1 events

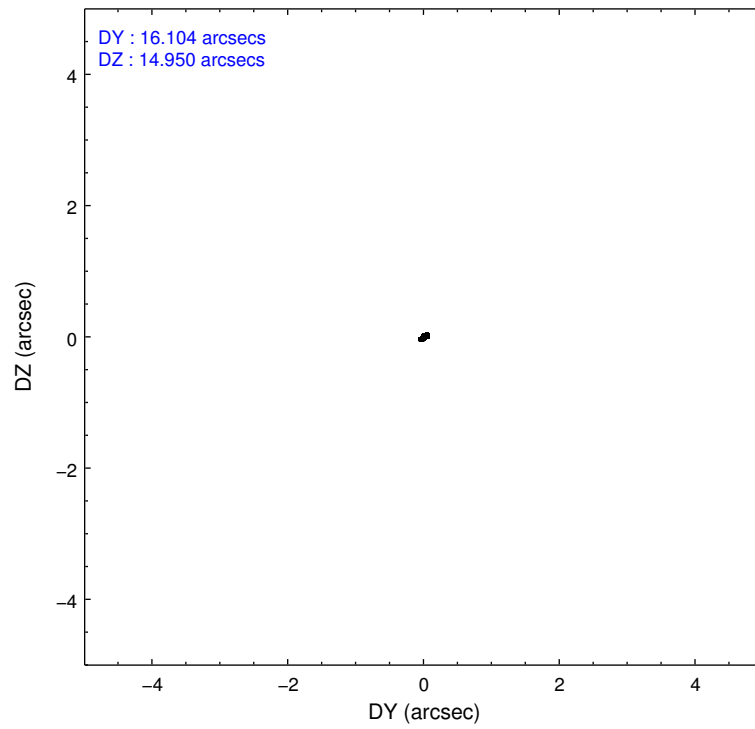
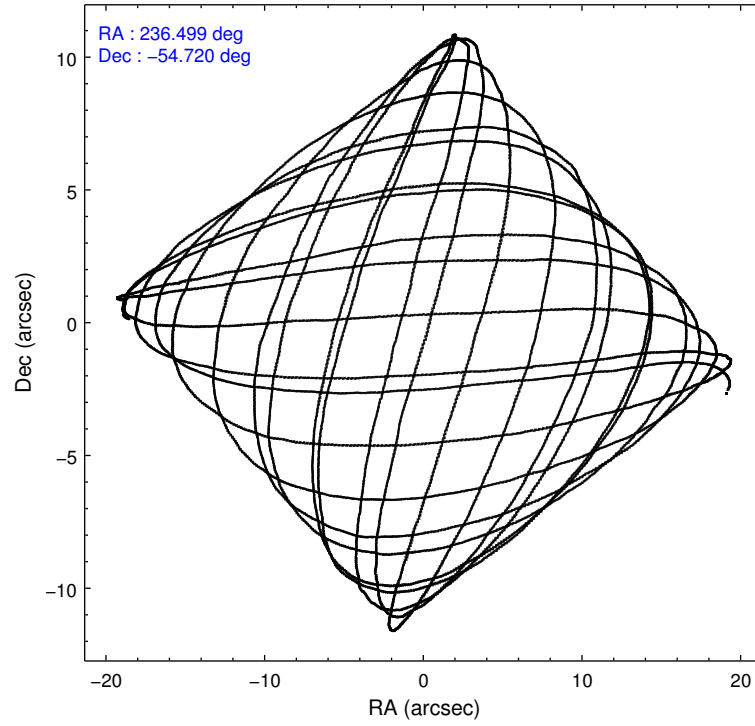
2.1.4 Events

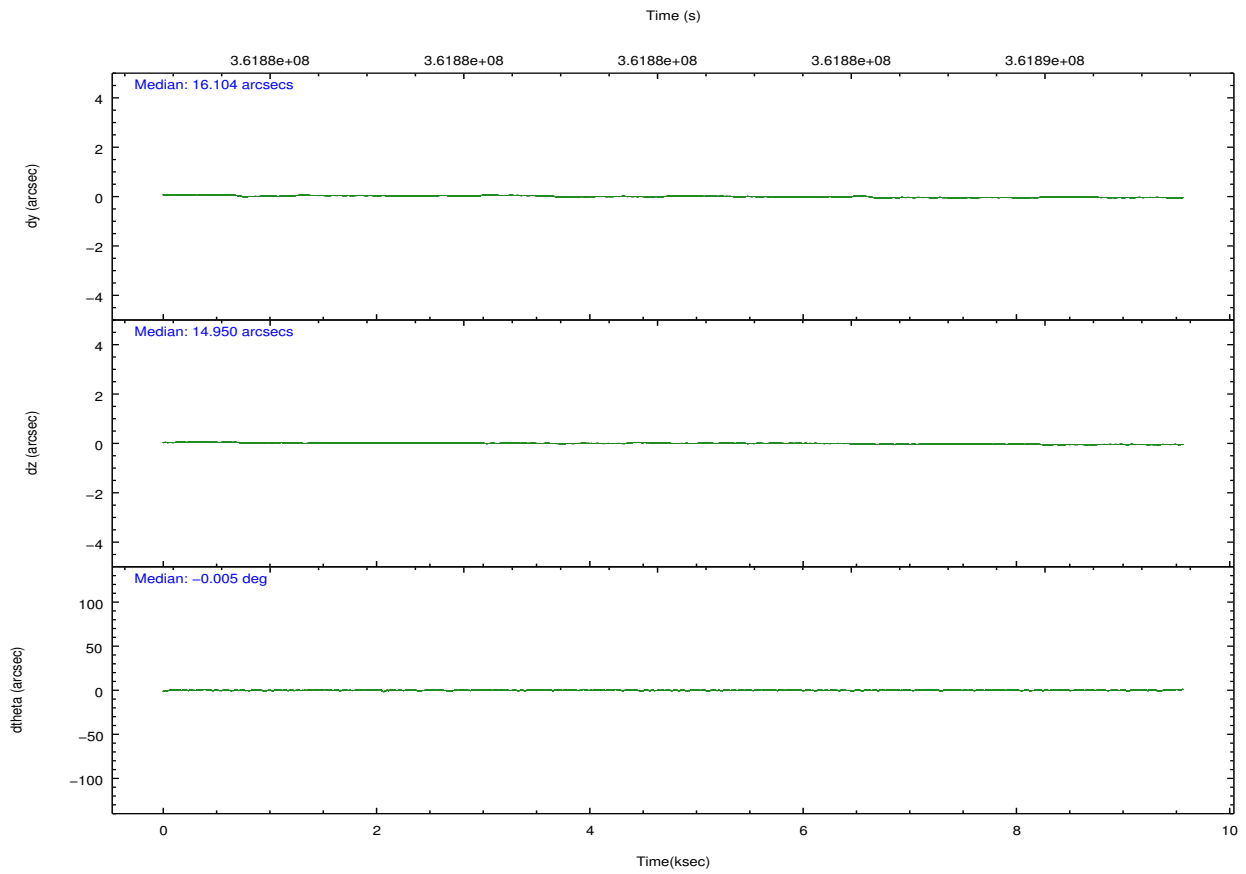
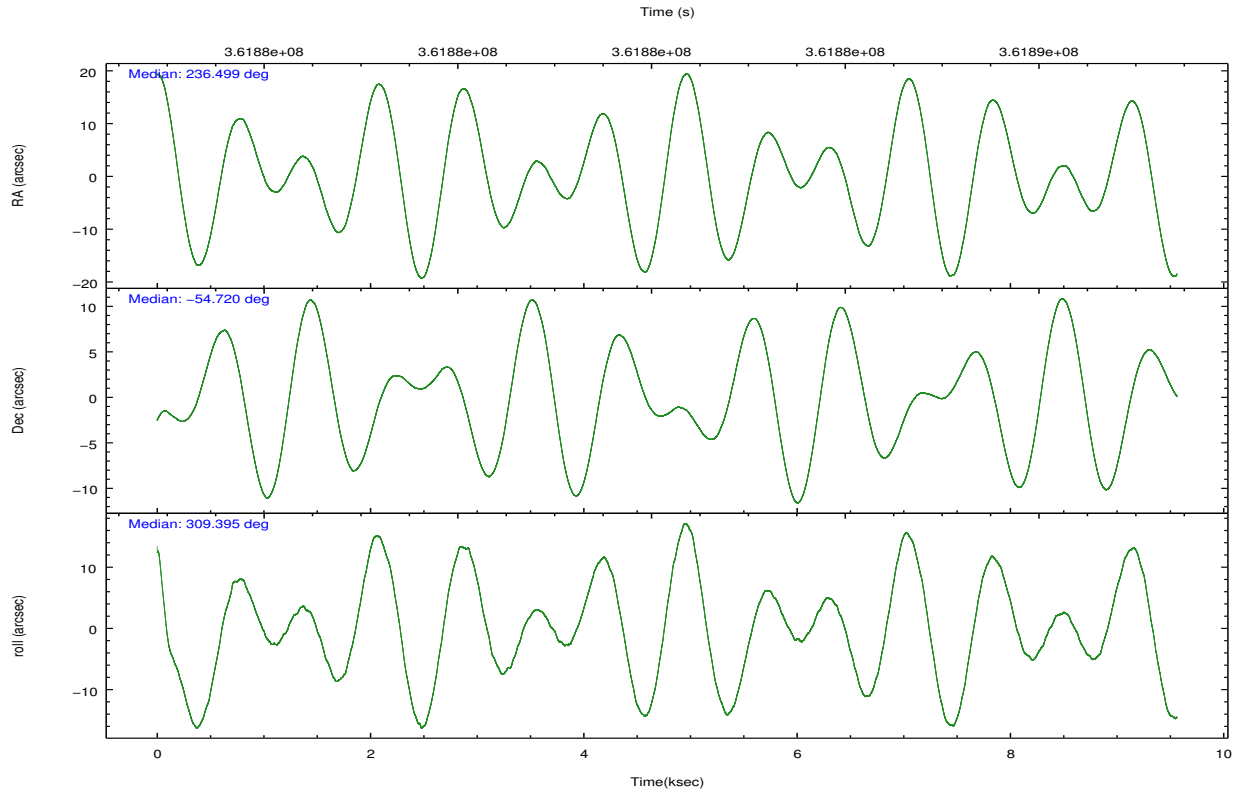
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	89449	85504	142198	89946	124984	114484	grade 0 events	4516	4662	7553	4353	4445	8090
rejected events	78797	74857	75637	78967	73285	88461		5%	5%	5%	4%	3%	7%
rejected %	88%	87%	53%	87%	58%	77%	grade 1 events	58	63	296	49	125	87
								0%	0%	0%	0%	0%	0%
							grade 2 events	2354	2110	20361	2382	10616	6227
								2%	2%	14%	2%	8%	5%
							grade 3 events	1001	1030	2309	945	4258	2526
								1%	1%	1%	1%	3%	2%
							grade 4 events	993	1033	2224	994	4228	2272
								1%	1%	1%	1%	3%	1%
							grade 5 events	3795	4150	9861	4292	11564	5855
								4%	4%	6%	4%	9%	5%
							grade 6 events	1799	1824	34173	2317	28183	6922
								2%	2%	24%	2%	22%	6%
							grade 7 events	74933	70632	65421	74614	61565	82505
								83%	82%	46%	82%	49%	72%

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	236.454245	236.4987696432301	CCD I2 on	O2	Y
[deg] Pointing Dec	-54.711295	-54.72054785416275	CCD I3 on	O3	Y
[deg] Pointing Roll	309.211277	309.404253044579	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	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O4	Y
[s] Observation start time (MET)	361878444.184000	361877038.39185	CCD S5 on	N	N
Observation start date	2009-06-20T09:46:18	2009-06-20T09:23:58	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	361886938.184000	361887163.85486	On-chip summing requested	N	N
Observation end date	2009-06-20T12:07:52	2009-06-20T12:12:43	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



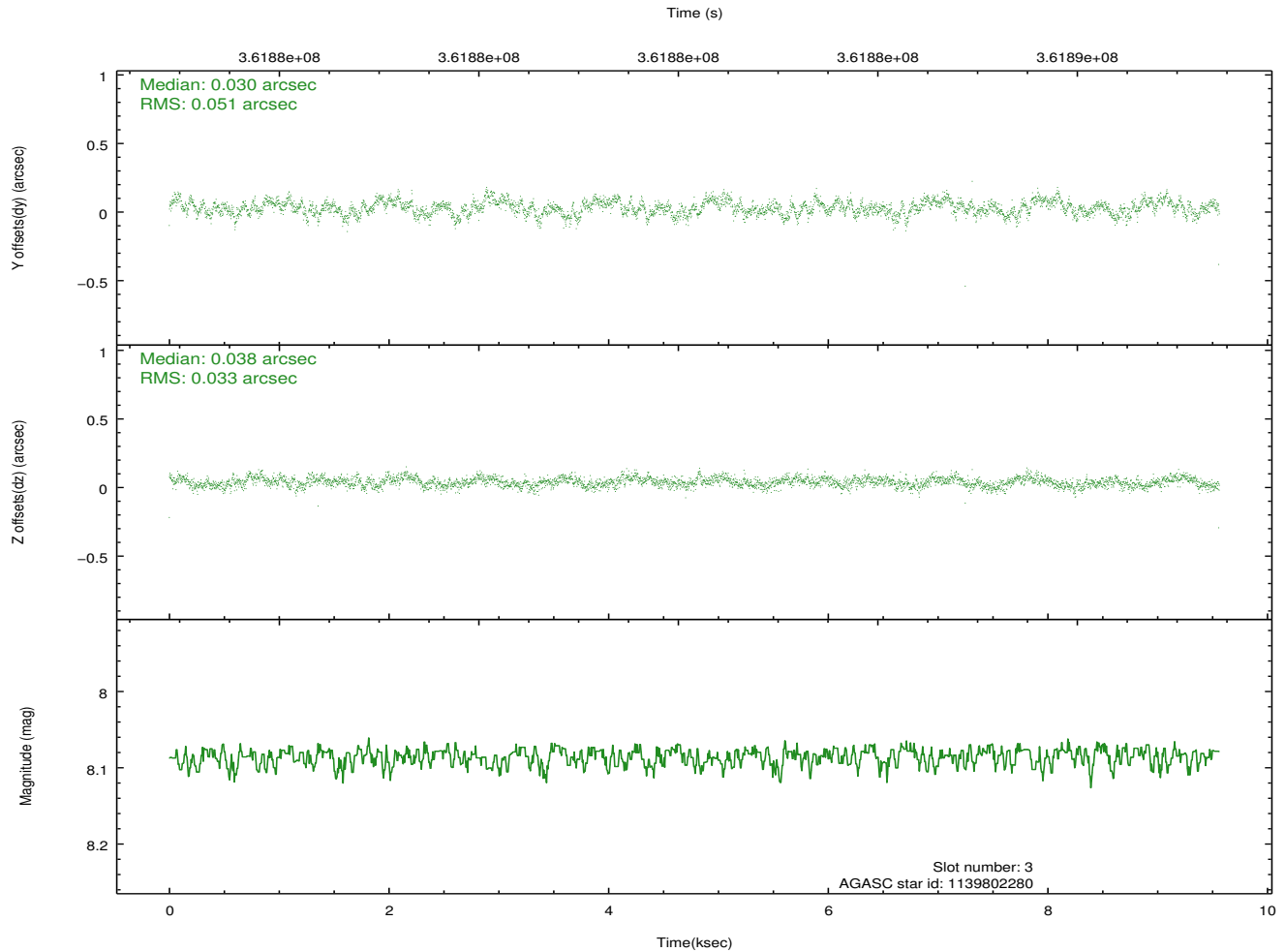
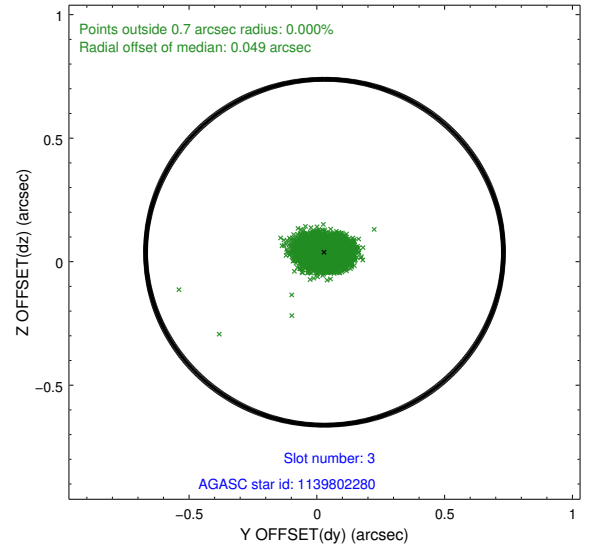
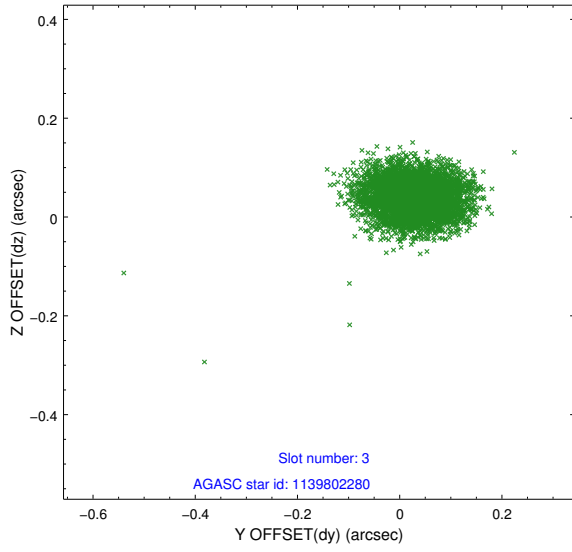


Slot Statistics

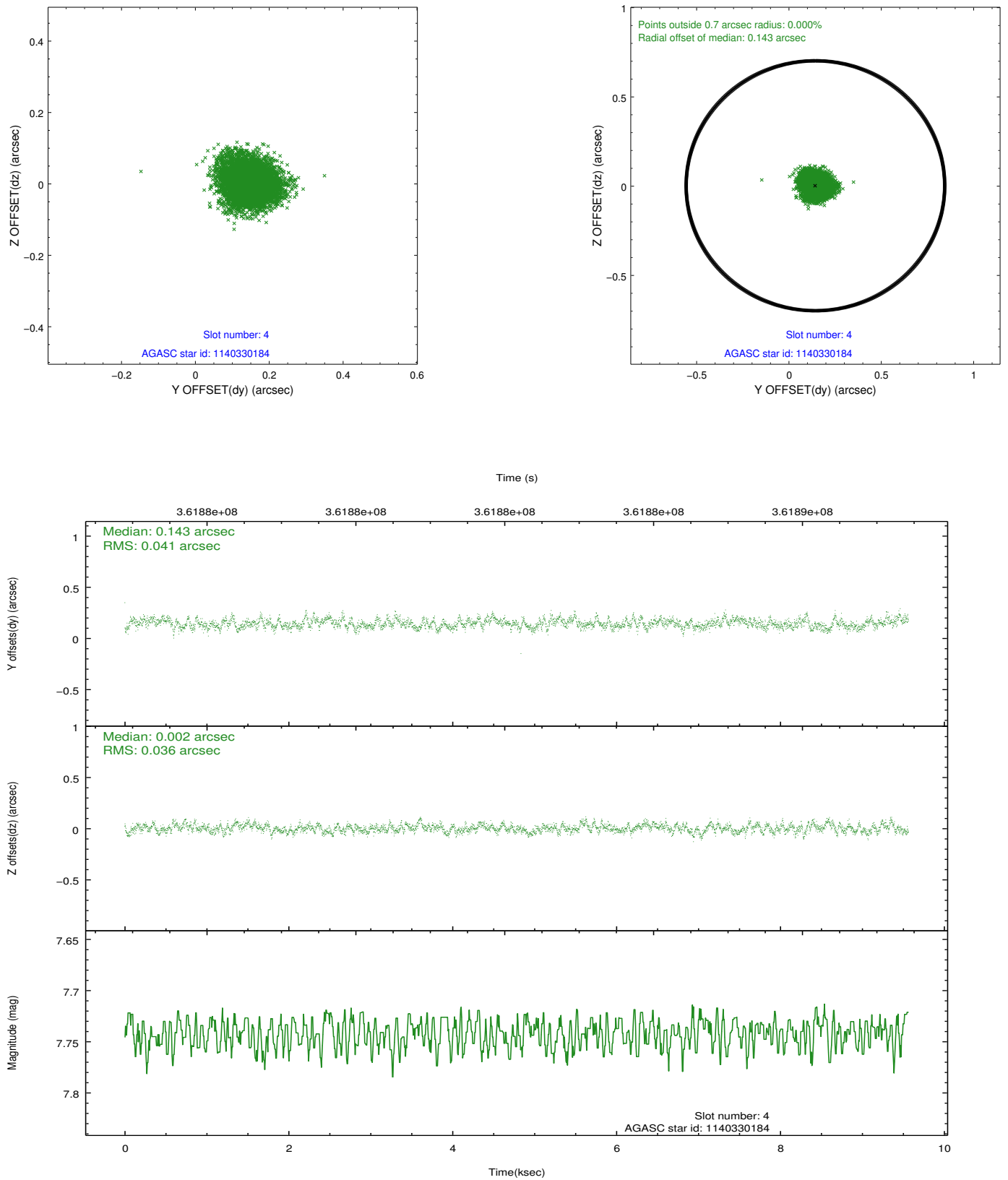
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.96	2333	-0.103	-0.029	0.006	0.010	0.000000	0.000000	-769.19	-1736.36
1	FID	ACIS-S-4	7.04	2333	0.196	0.057	0.005	0.010	0.000000	0.000000	2144.11	171.65
2	FID	ACIS-S-5	7.07	2333	-0.125	-0.020	0.006	0.010	0.000000	0.000000	-1821.35	165.85
3	GUIDE	1139802280	8.09	4665	0.030	0.038	0.062	0.104	236.525595	-54.011505	-1856.36	1709.10
4	GUIDE	1140330184	7.74	4663	0.143	0.002	0.058	0.094	236.200034	-55.100922	756.94	-1293.06
5	GUIDE	1140458608	8.42	4662	-0.070	-0.088	0.077	0.123	237.337107	-54.507511	607.27	1885.94
6	GUIDE	1140462520	8.14	4665	0.003	-0.134	0.065	0.105	237.718666	-54.642458	1491.70	2183.05
7	GUIDE	1140328552	8.98	4663	-0.105	0.180	0.085	0.140	236.070419	-55.504029	1719.21	-2411.00

2.4 Star Slots

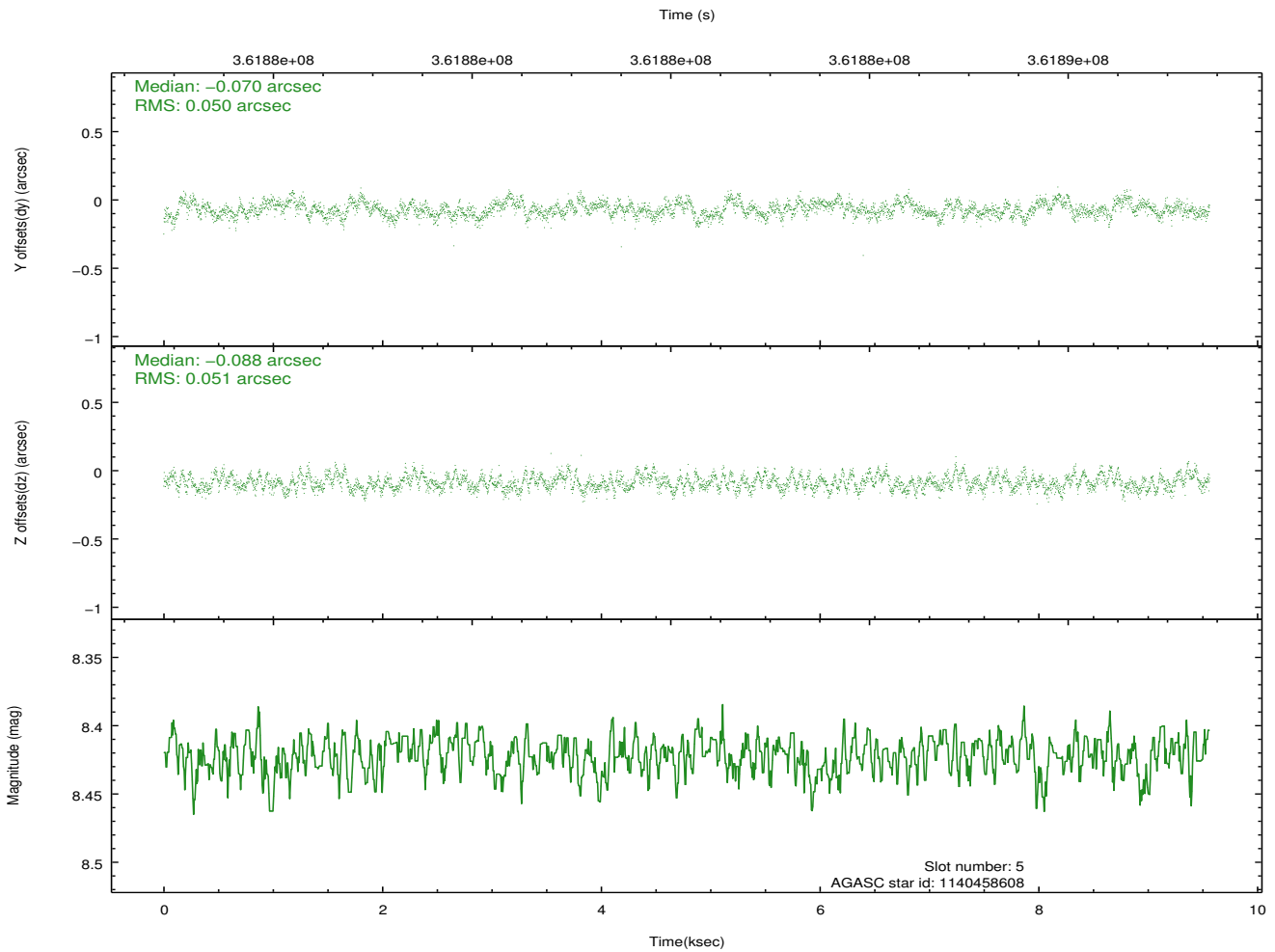
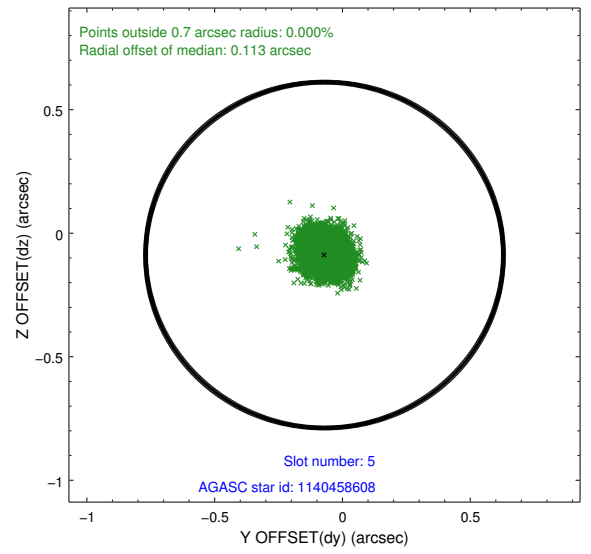
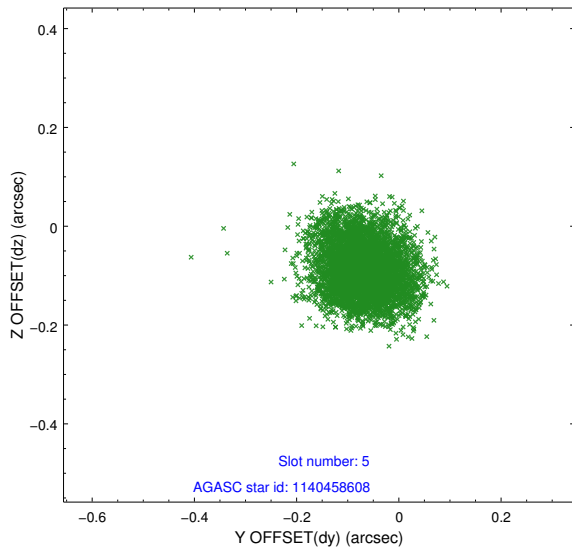
2.4.1 Slot 3



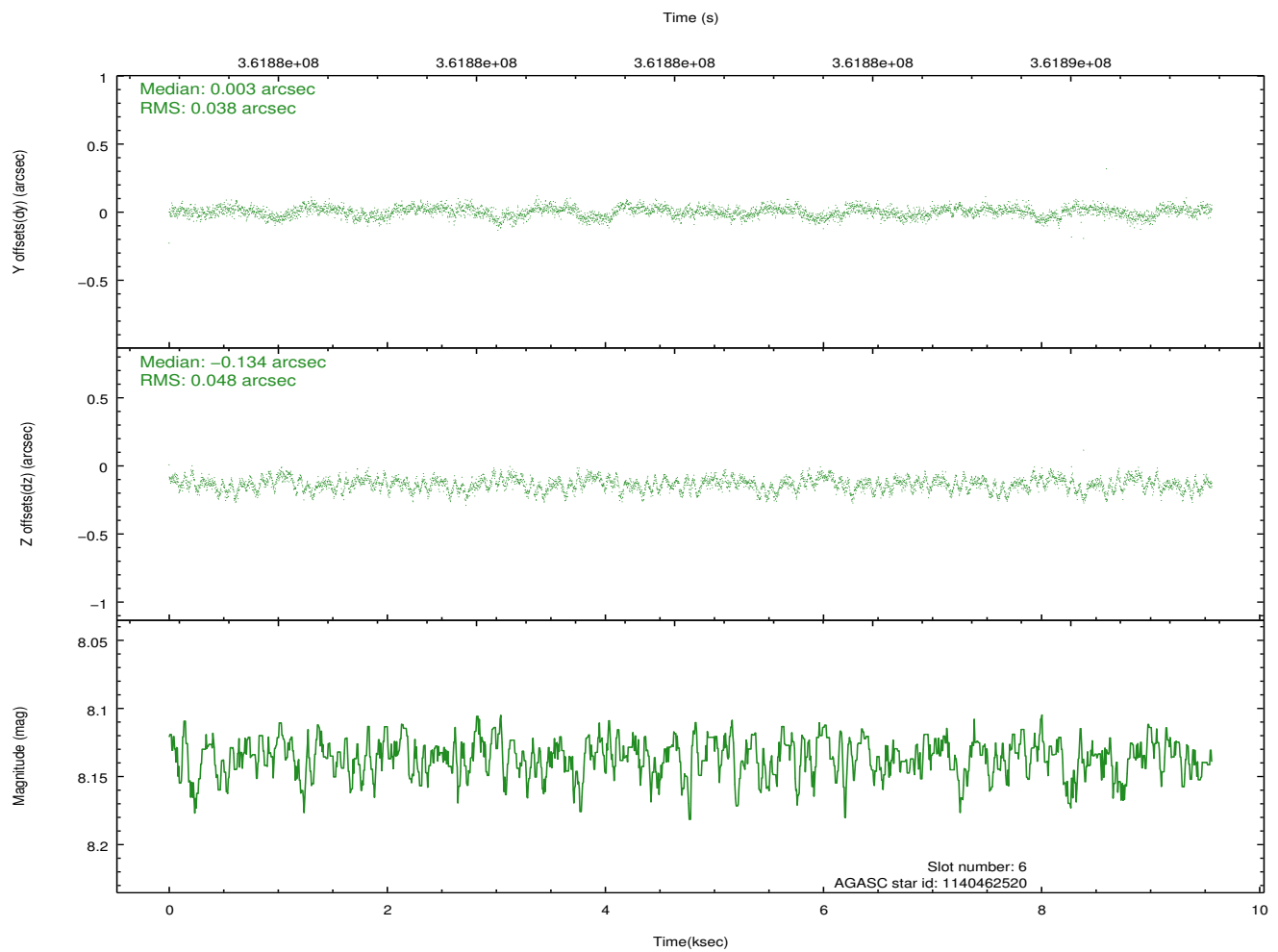
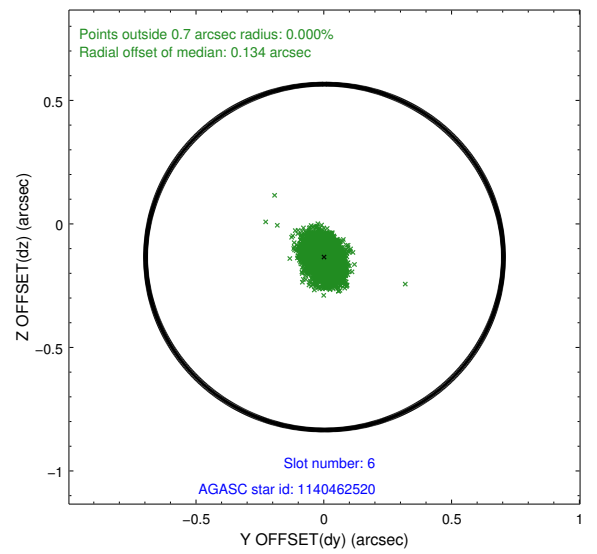
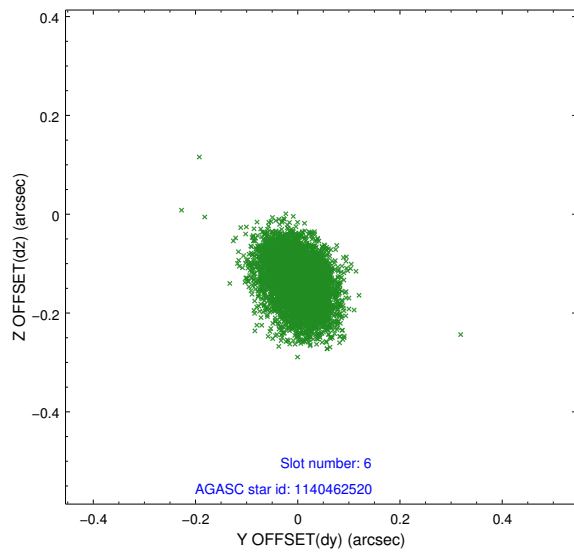
2.4.2 Slot 4



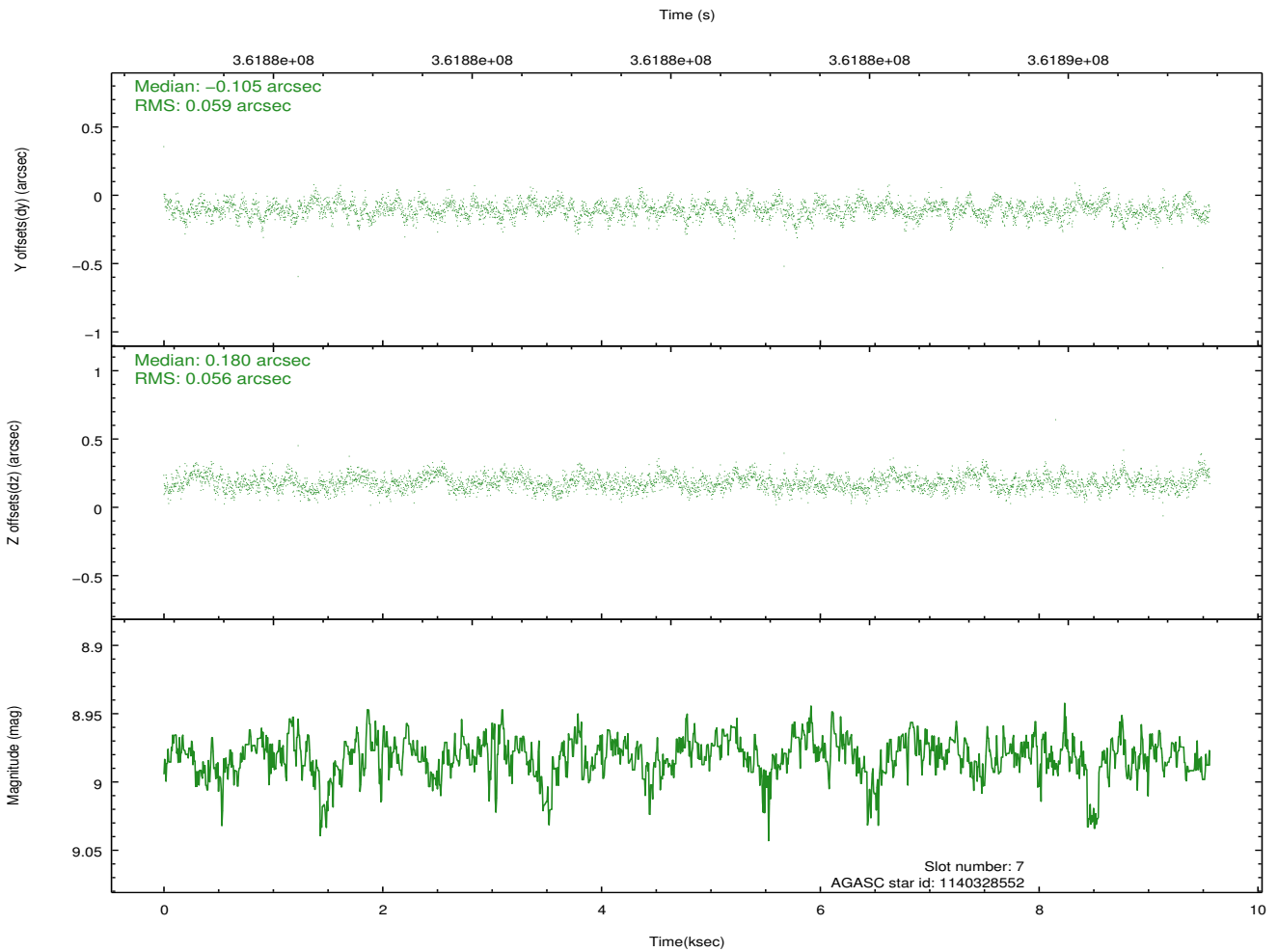
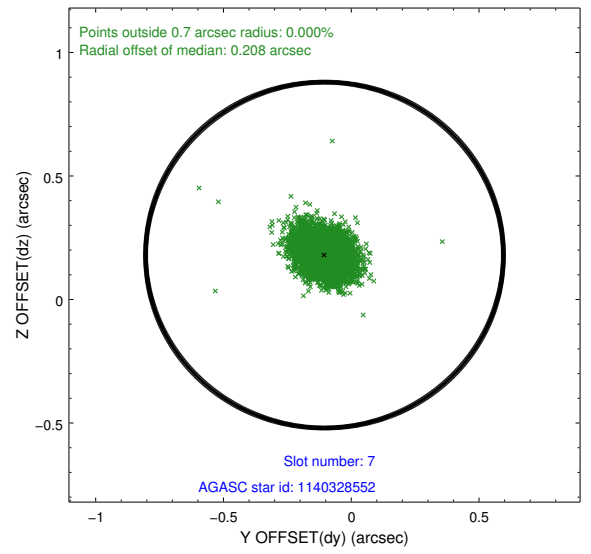
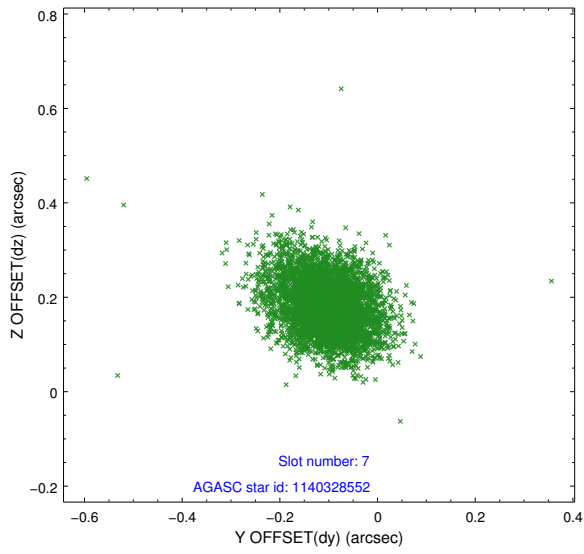
2.4.3 Slot 5



2.4.4 Slot 6

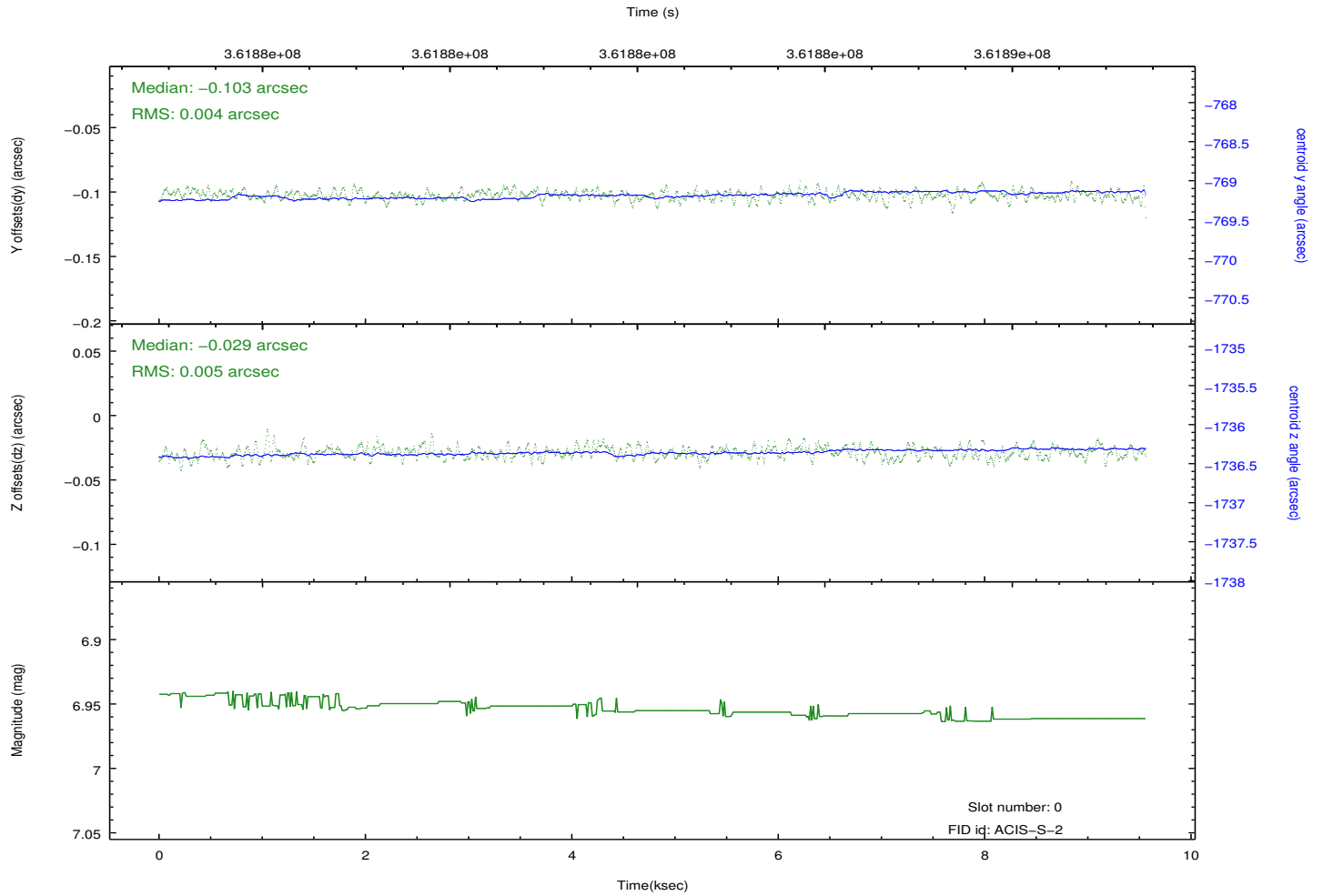
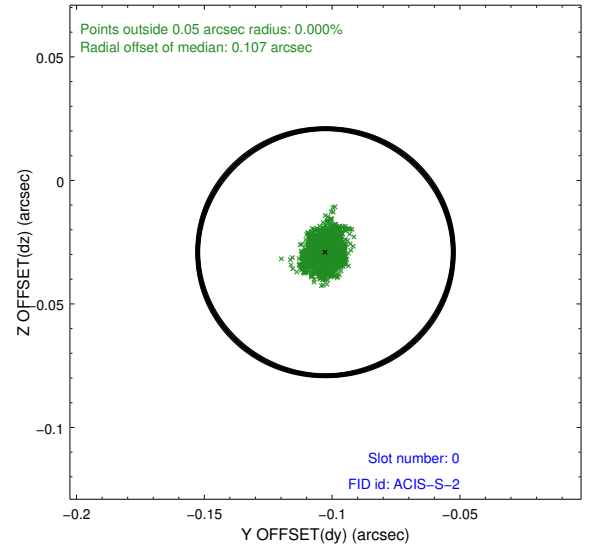
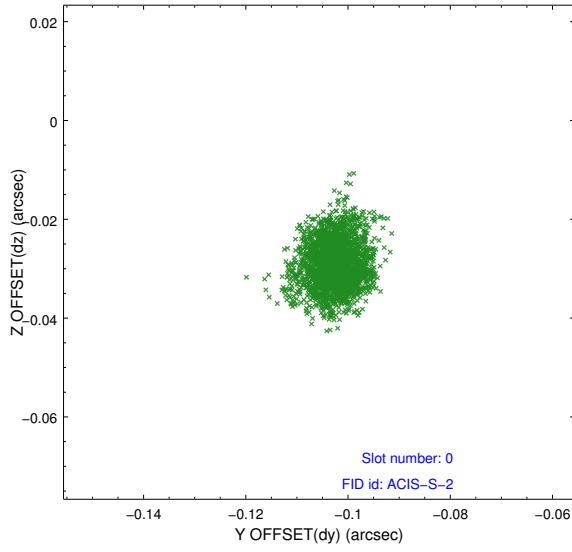


2.4.5 Slot 7

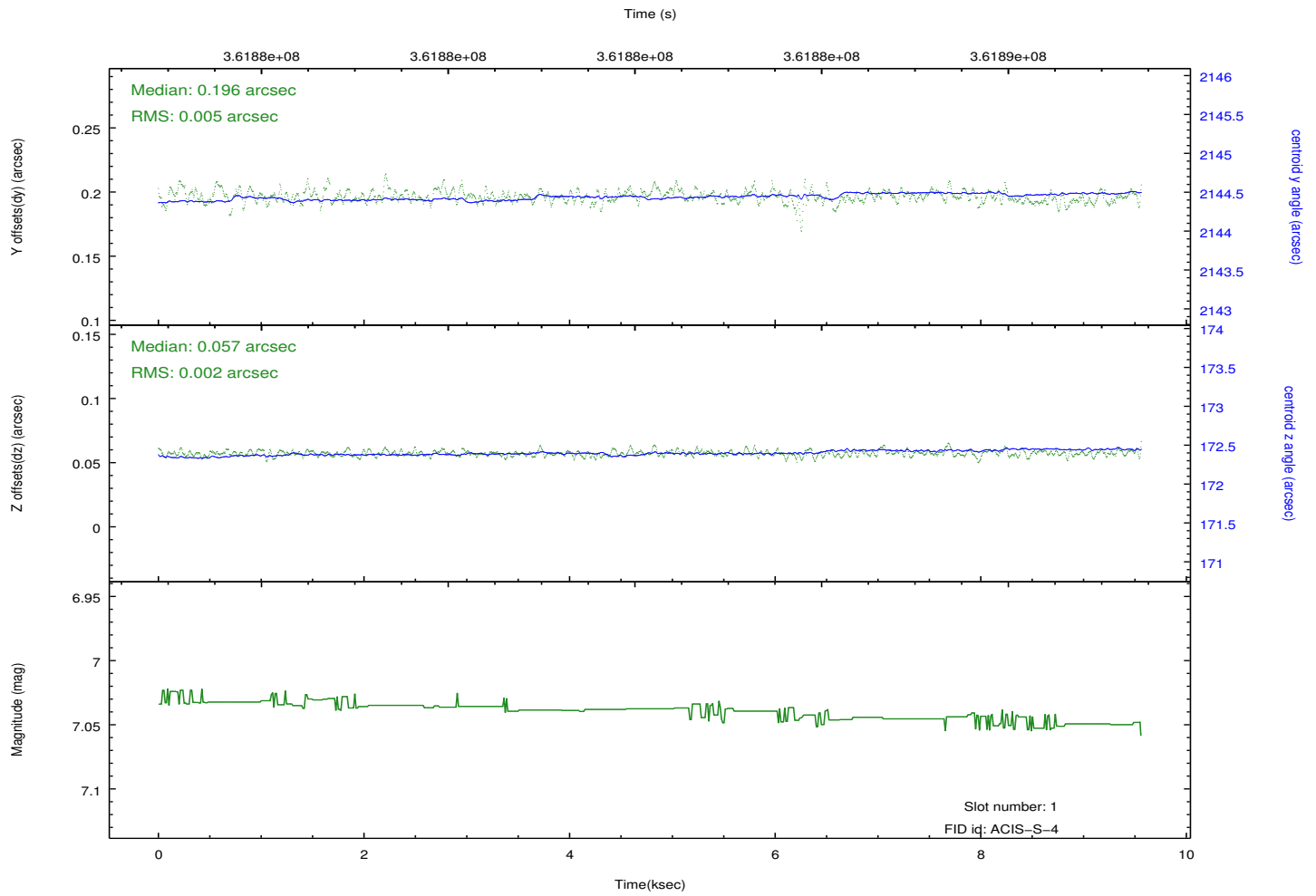
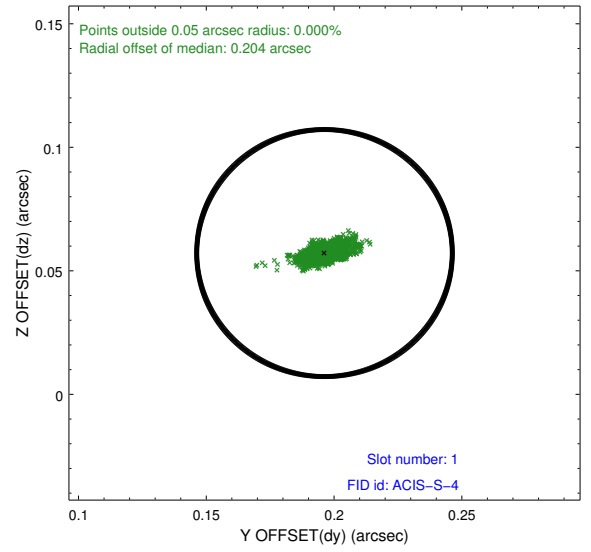
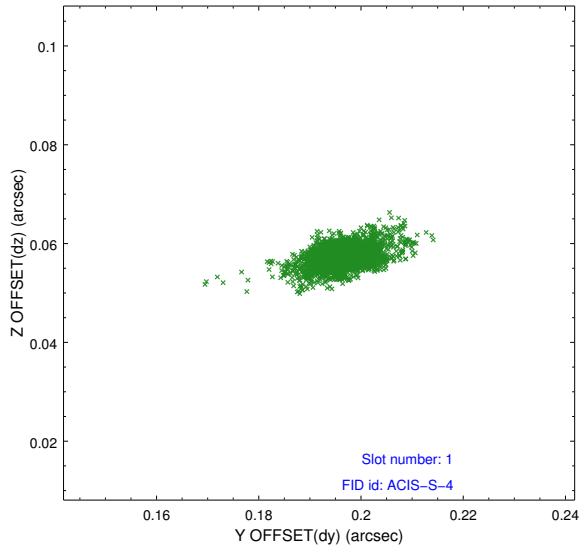


2.5 FID Slots

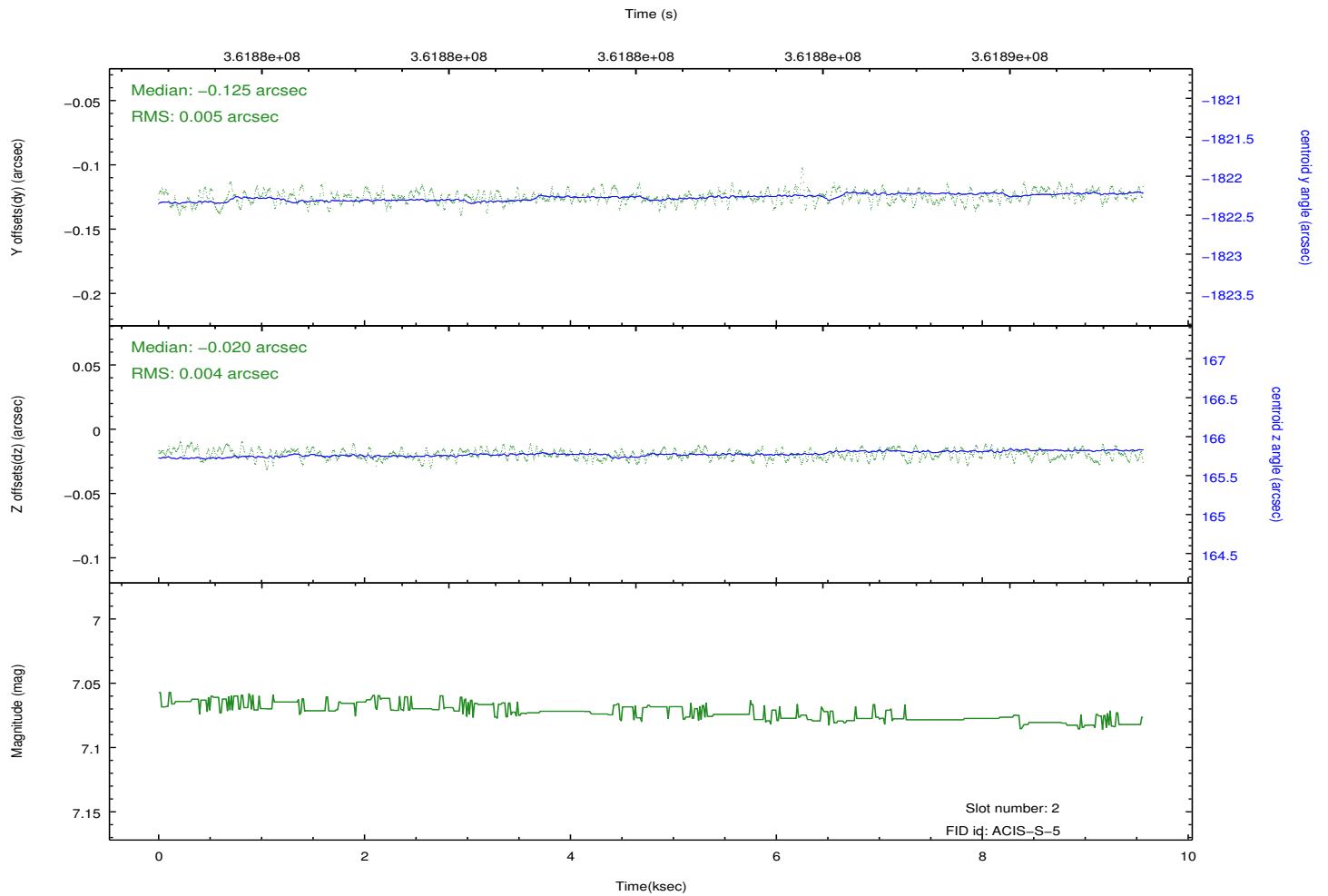
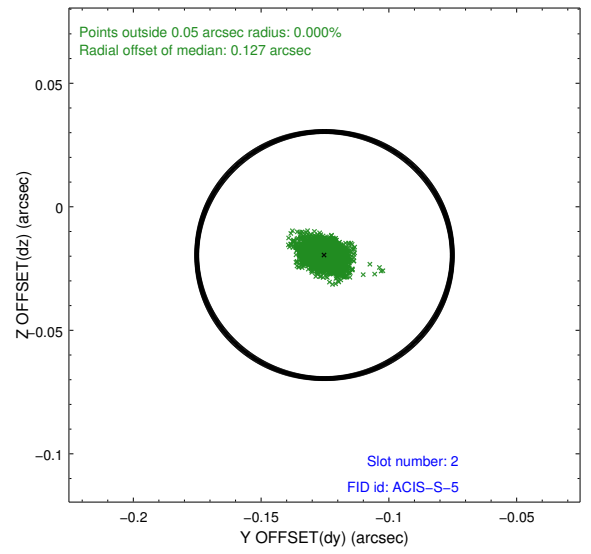
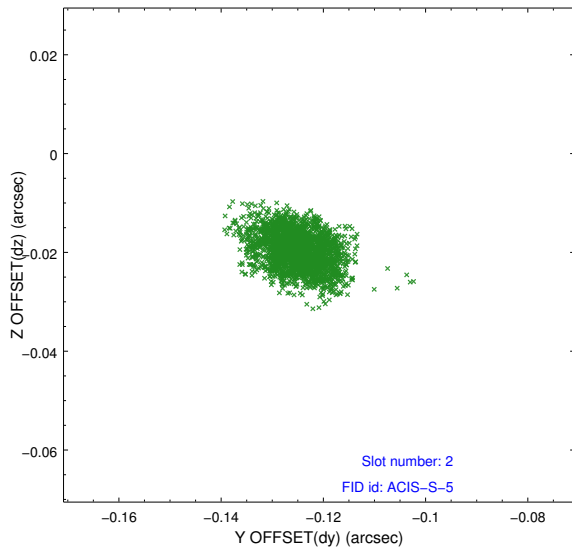
2.5.1 Slot 0



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)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.43839996

A.2 Comments