

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8236 - L2 Version 2
Chandra X-Ray Center

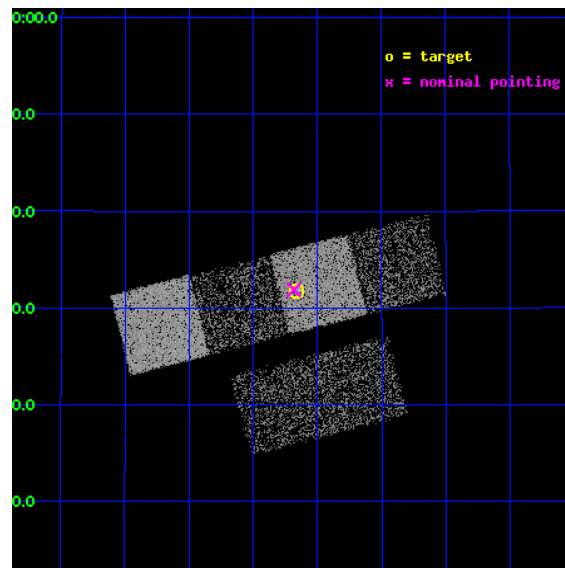
L2 Processing Date : May 7 2012

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1 Front

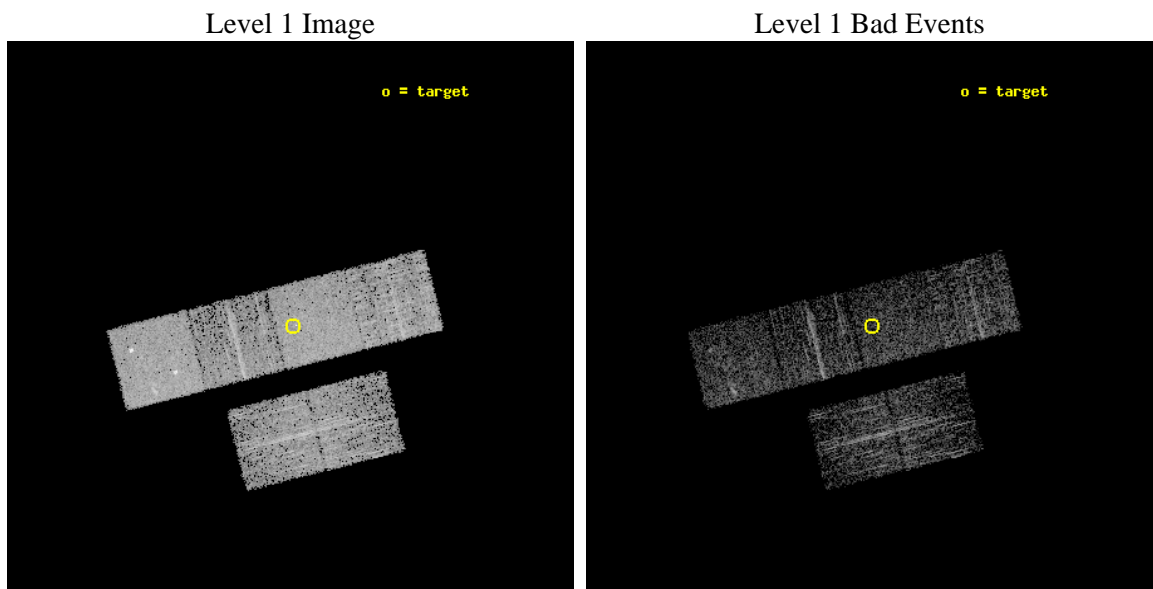
seq_num	900726	Sequence number
obs_id	8236	Observation id
title	Chandra Identification of Compact ASCA Galactic Objects - Part II	
observer	Dr. Stephen Murray	Principal investigator
object	AX J194939+2631	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	297.415833	Observer's specified target RA [deg]
dec_targ	26.53	Observer's specified target Dec [deg]
ra_nom	297.42102458643	Nominal RA [deg]
dec_nom	26.531454564588	Nominal Dec [deg]
roll_nom	345.78051895194	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1743.9999935627	Sum of GTIs [s]
livetime	1721.9164155335	Livetime [s]
ontime2	1743.9999935627	Sum of GTIs [s]
ontime3	1743.9999935627	Sum of GTIs [s]
ontime5	1743.9999935627	Sum of GTIs [s]
ontime6	1743.9999935627	Sum of GTIs [s]
ontime7	1743.9999935627	Sum of GTIs [s]
ontime8	1743.9999935627	Sum of GTIs [s]
l2events	28682	Number of level 2 events



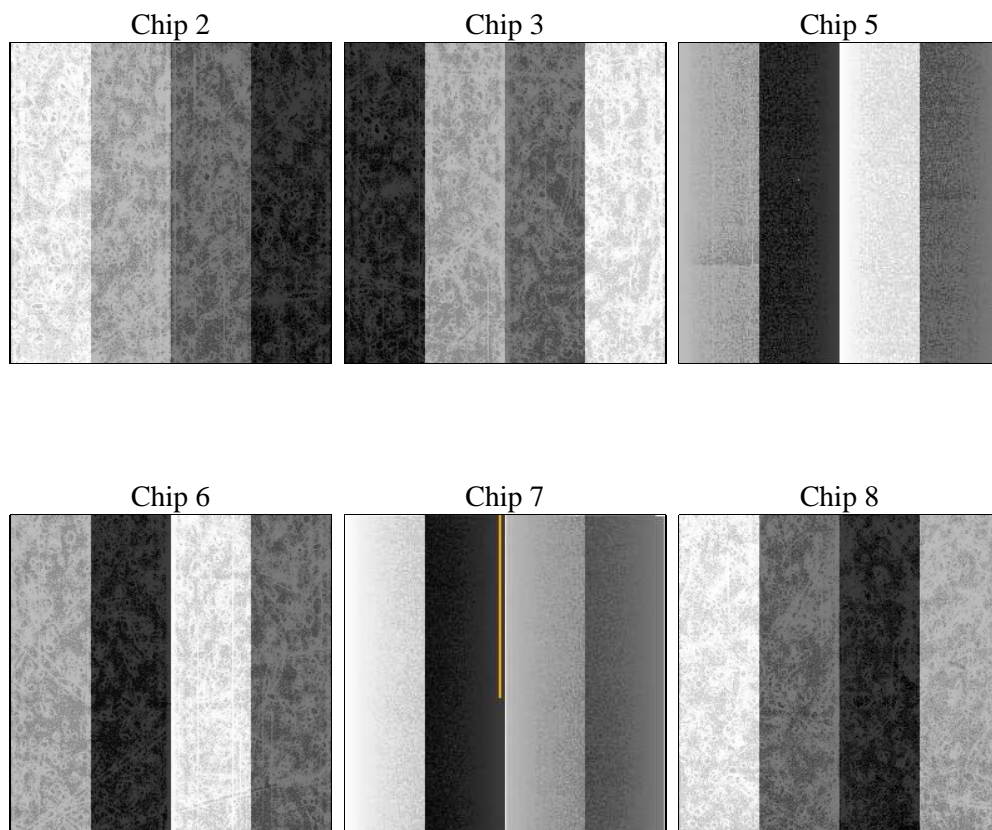
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1600.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1743.9999935627	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	1743.9999935627	Sum of GTIs [s]
date	2012-05-07T15:02:15	Date and time of file creation	ontime3	1743.9999935627	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1743.9999935627	Sum of GTIs [s]
			ontime6	1743.9999935627	Sum of GTIs [s]
			ontime7	1743.9999935627	Sum of GTIs [s]
			ontime8	1743.9999935627	Sum of GTIs [s]
			l1events	210479	Number of level 1 events

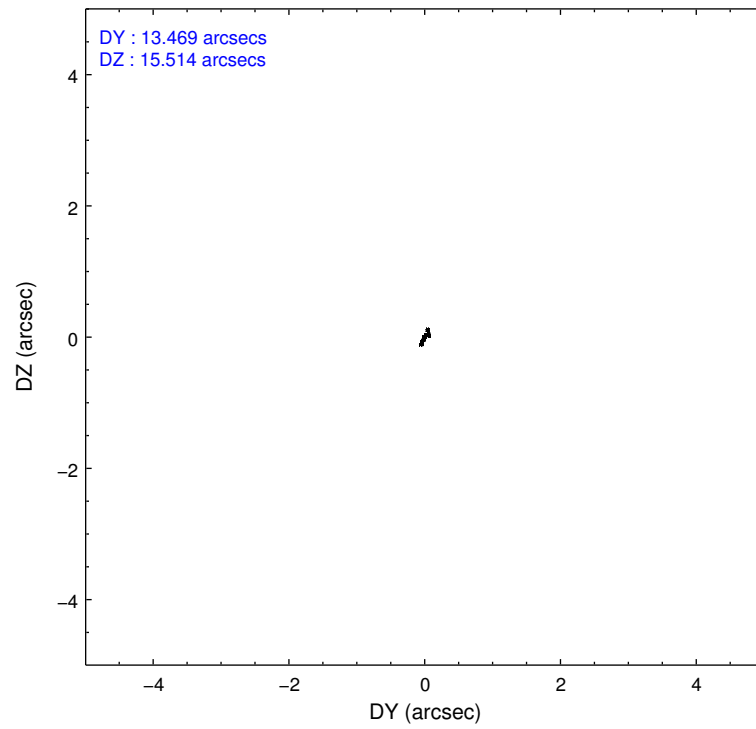
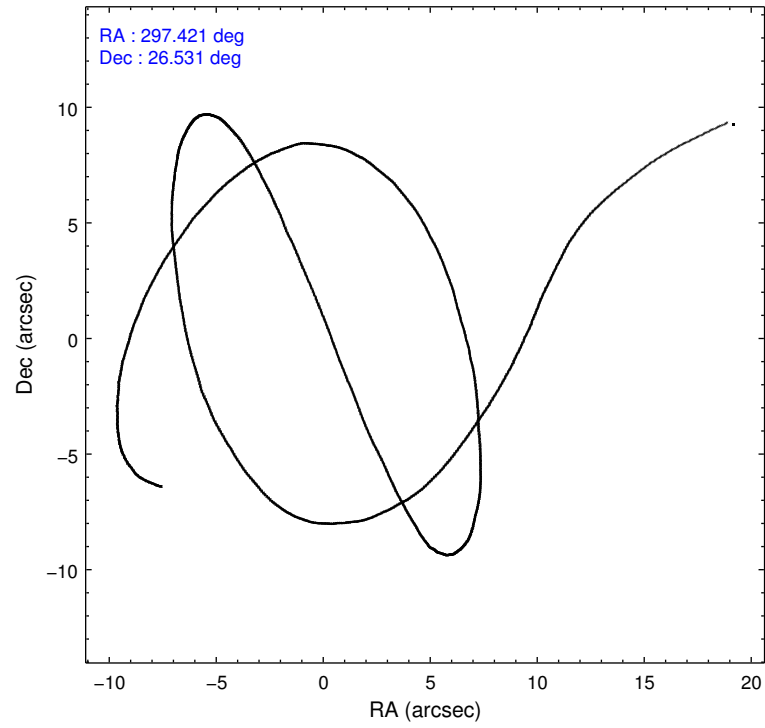
2.1.4 Events

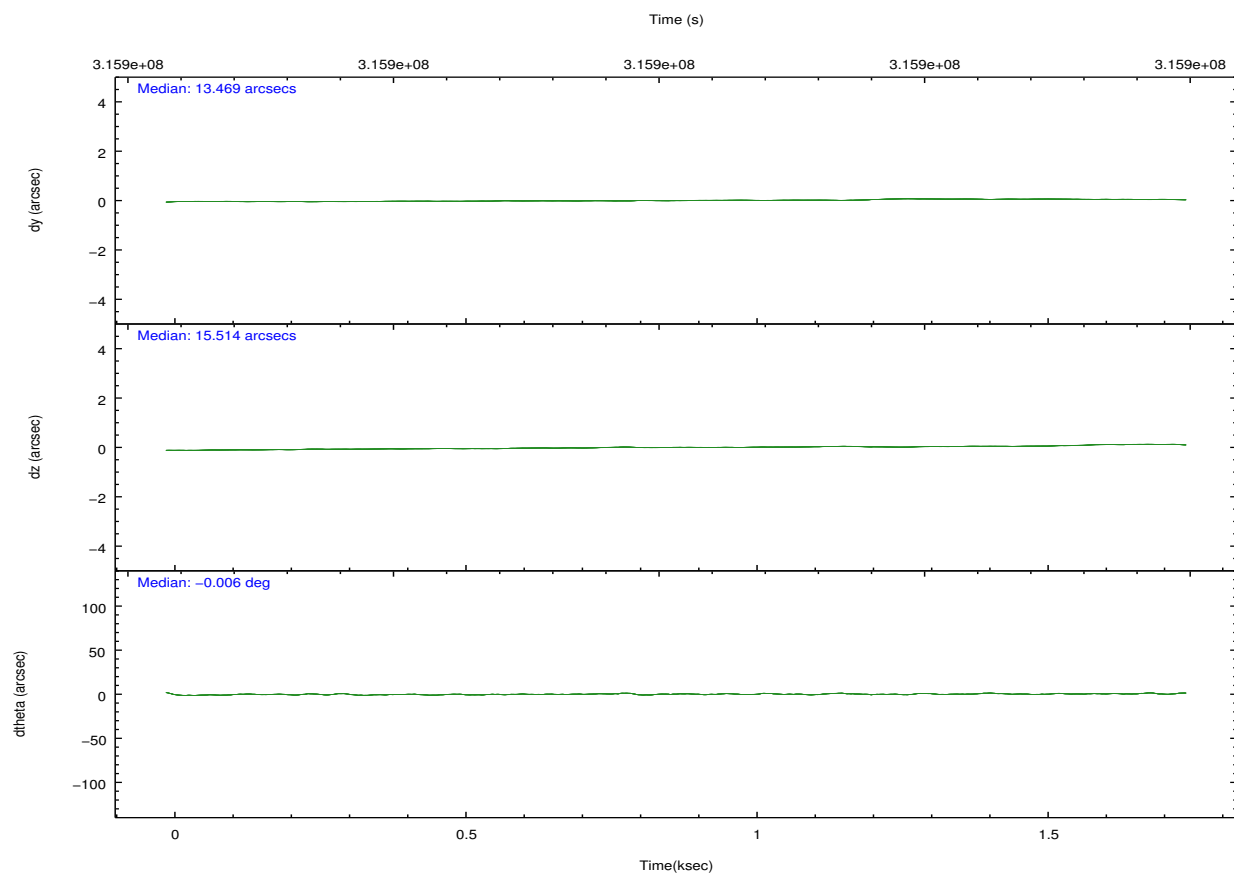
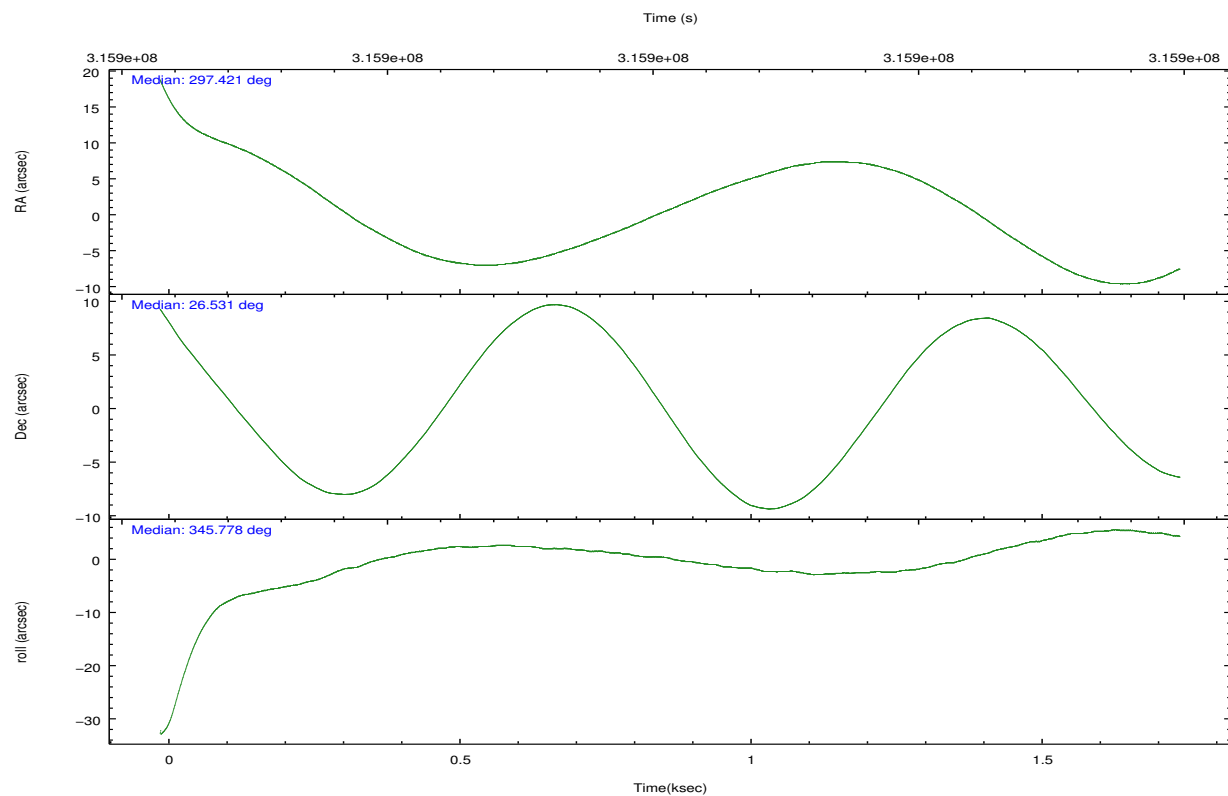
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	29543	28178	46641	29183	40459	36475	grade 0 events	1578	1585	2388	1474	1467	2656
rejected events	27438	26078	33895	27052	30532	31395		5%	5%	5%	5%	3%	7%
rejected %	92%	92%	72%	92%	75%	86%	grade 1 events	23	15	104	17	47	30
								0%	0%	0%	0%	0%	0%
							grade 2 events	789	737	6805	767	3670	1951
								2%	2%	14%	2%	9%	5%
							grade 3 events	347	339	708	328	1386	886
								1%	1%	1%	1%	3%	2%
							grade 4 events	302	319	720	318	1439	866
								1%	1%	1%	1%	3%	2%
							grade 5 events	1215	1325	3126	1264	3905	1829
								4%	4%	6%	4%	9%	5%
							grade 6 events	545	626	11125	740	9047	2091
								1%	2%	23%	2%	22%	5%
							grade 7 events	24744	23232	21665	24275	19498	26166
								83%	82%	46%	83%	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	297.391709	297.4210245864264	CCD I2 on	O2	Y
[deg] Pointing Dec	26.523656	26.53145456458799	CCD I3 on	O3	Y
[deg] Pointing Roll	345.637149	345.7805189519364	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)	315903305.184000	315901633.05824	CCD S5 on	N	N
Observation start date	2008-01-05T06:54:00	2008-01-05T06:27:13	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	315904905.184000	315905447.59593	On-chip summing requested	N	N
Observation end date	2008-01-05T07:20:40	2008-01-05T07:30:47	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



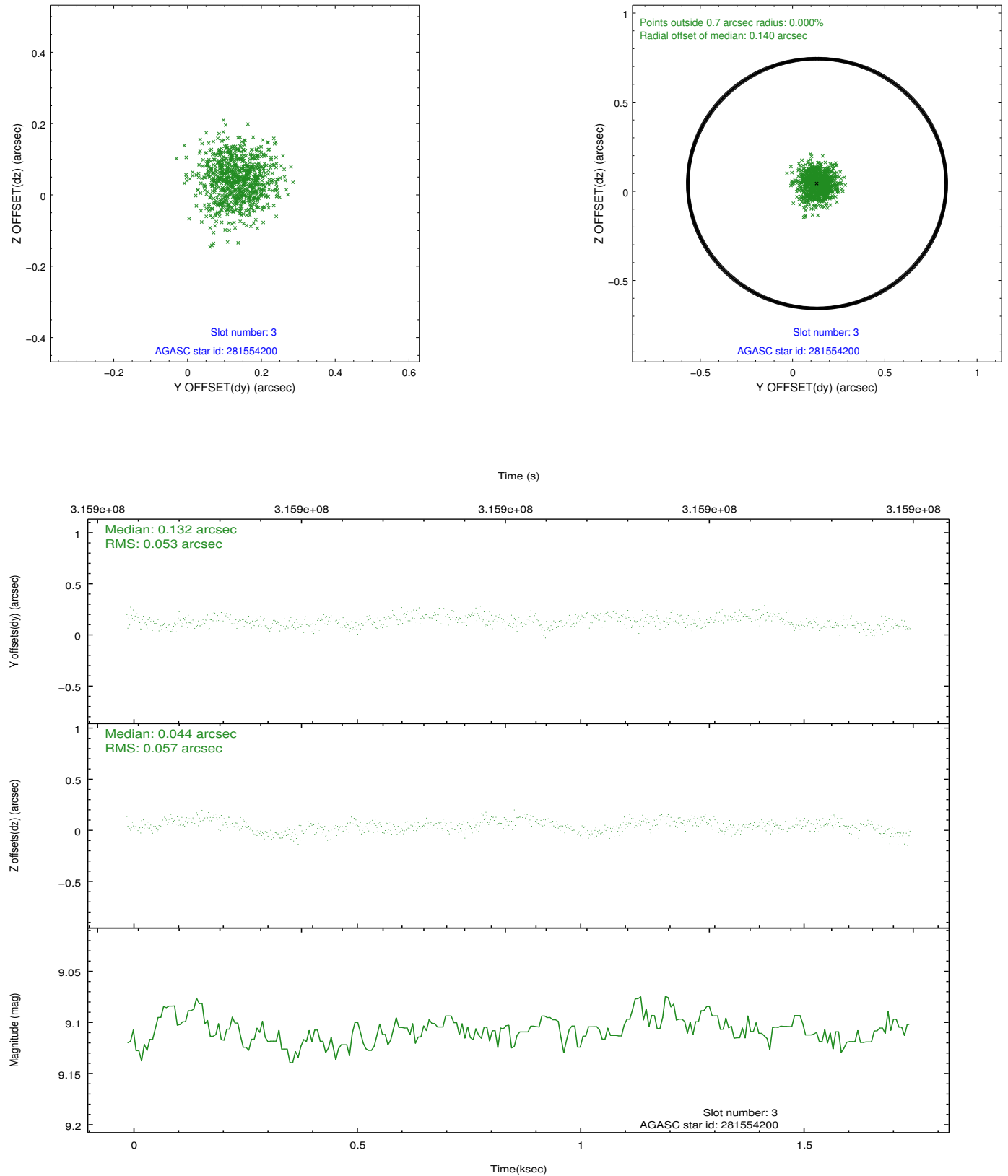


Slot Statistics

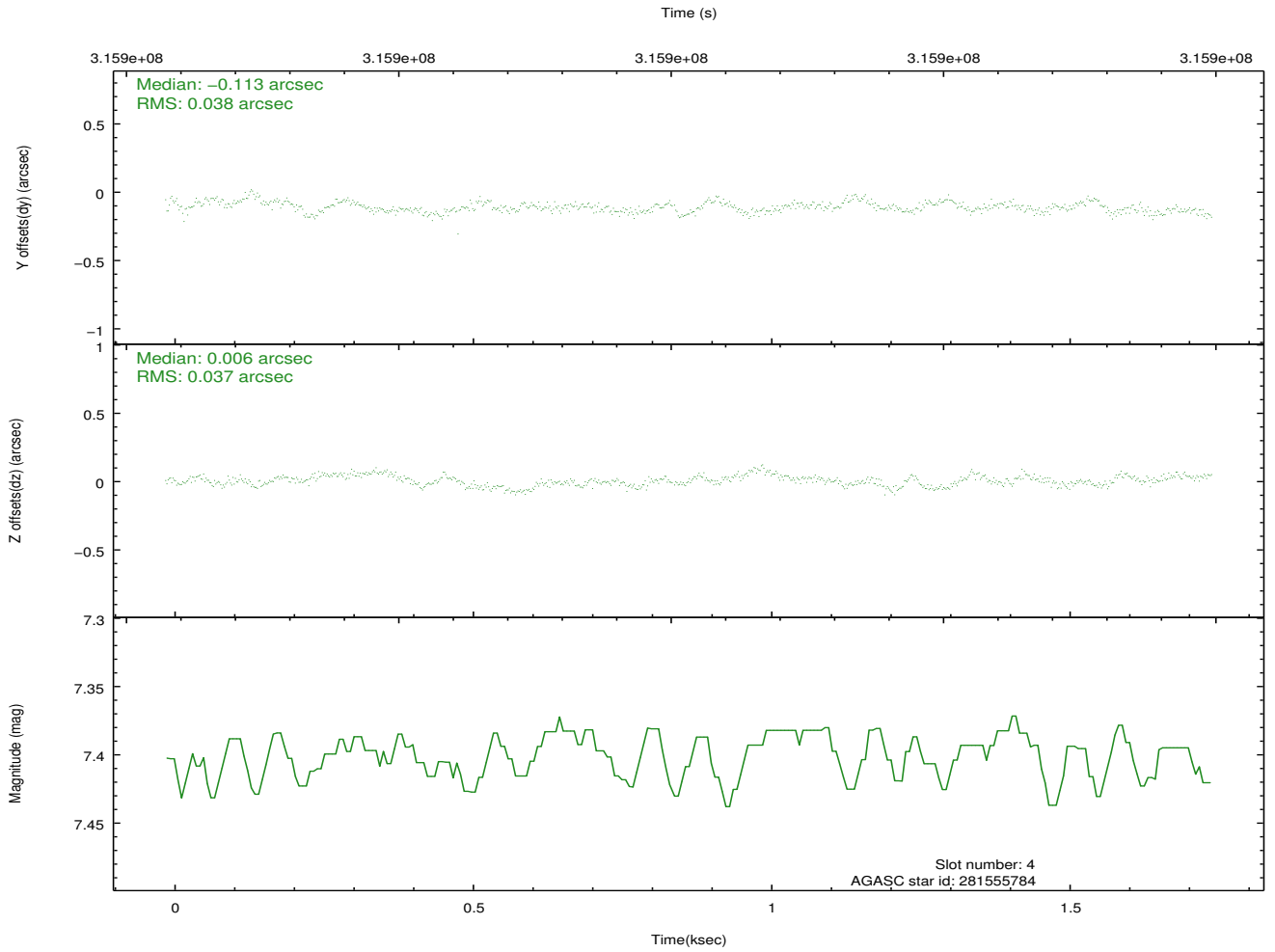
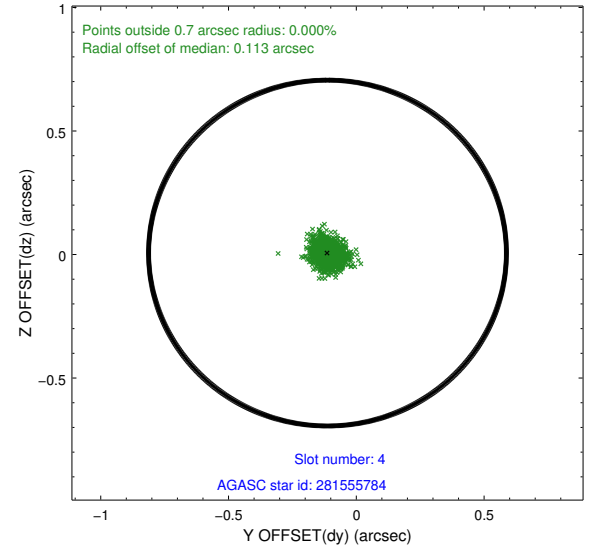
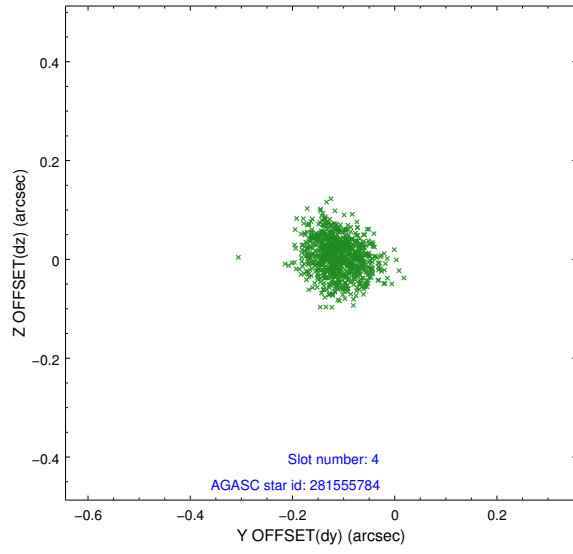
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.20	428	0.133	-0.072	0.007	0.012	0.000000	0.000000	929.78	-1732.54
1	FID	ACIS-S-2	7.09	428	-0.048	0.015	0.008	0.012	0.000000	0.000000	-764.21	-1740.91
2	FID	ACIS-S-5	7.21	428	-0.108	0.063	0.006	0.012	0.000000	0.000000	-1821.34	161.22
3	GUIDE	281554200	9.11	854	0.132	0.044	0.083	0.133	298.082677	26.729285	1967.43	1274.35
4	GUIDE	281555784	7.40	855	-0.113	0.006	0.057	0.087	297.614332	26.697854	540.29	787.38
5	GUIDE	280893520	9.15	856	-0.119	0.003	0.094	0.155	296.655388	26.063808	-1897.01	-2186.92
6	GUIDE	281018616	7.95	856	0.158	0.020	0.070	0.118	297.905021	26.225639	1869.42	-627.24
7	GUIDE	281411904	8.65	855	-0.053	-0.056	0.063	0.101	297.011825	26.903272	-1518.62	1022.40

2.4 Star Slots

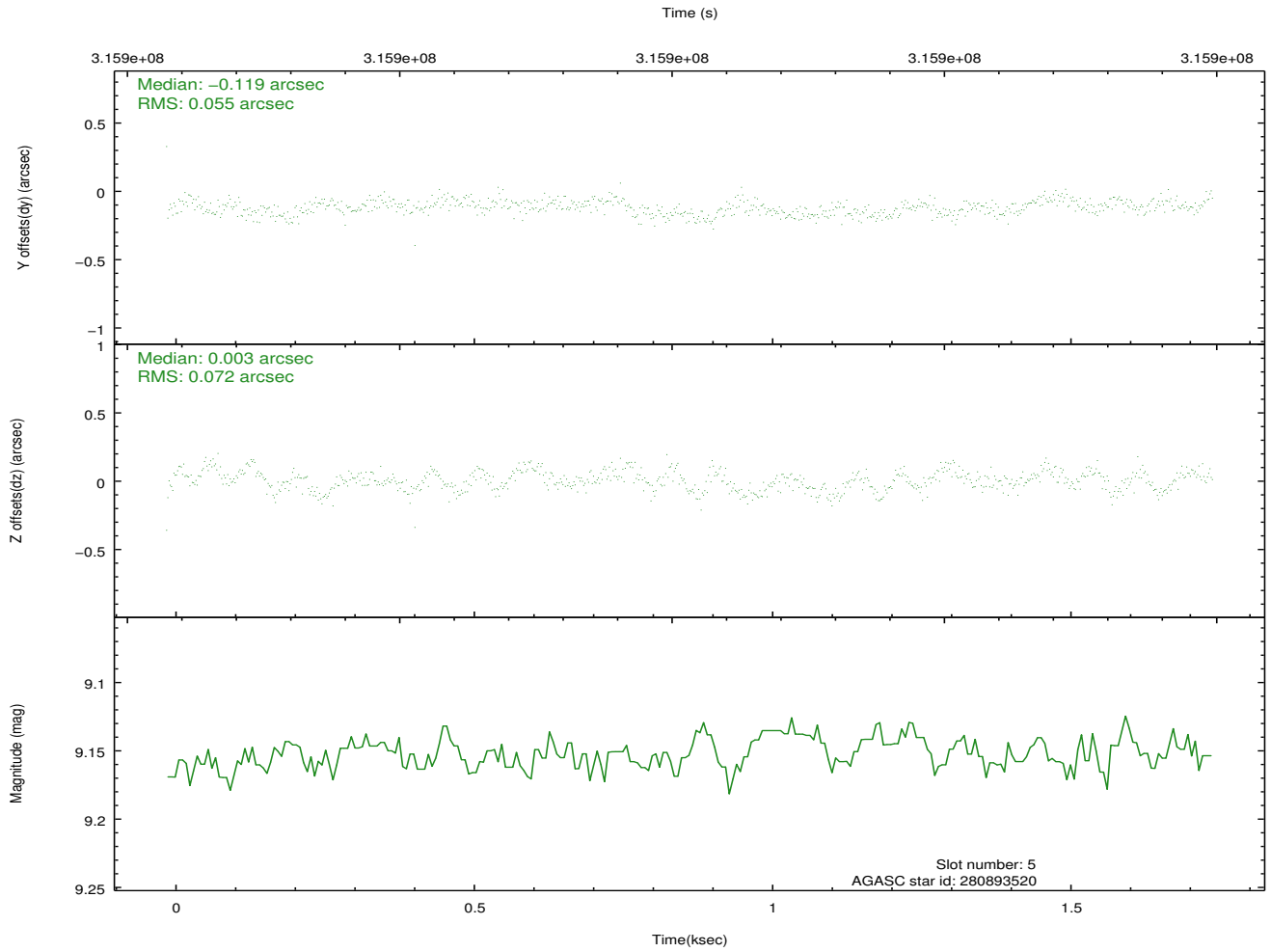
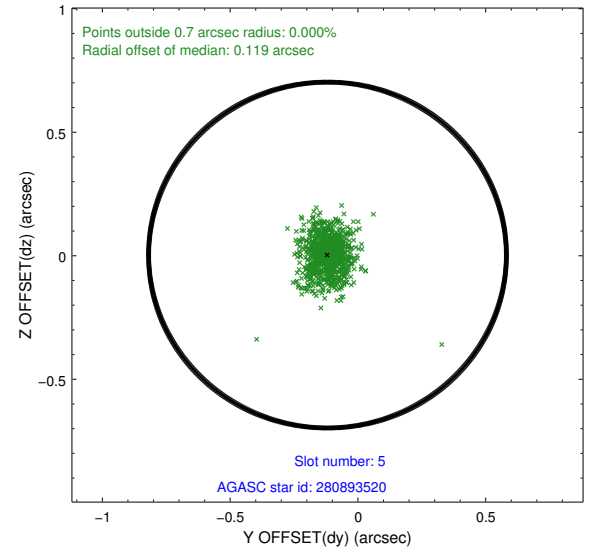
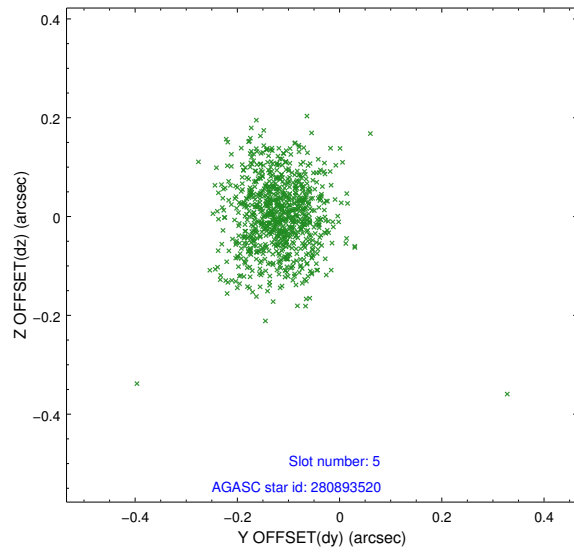
2.4.1 Slot 3



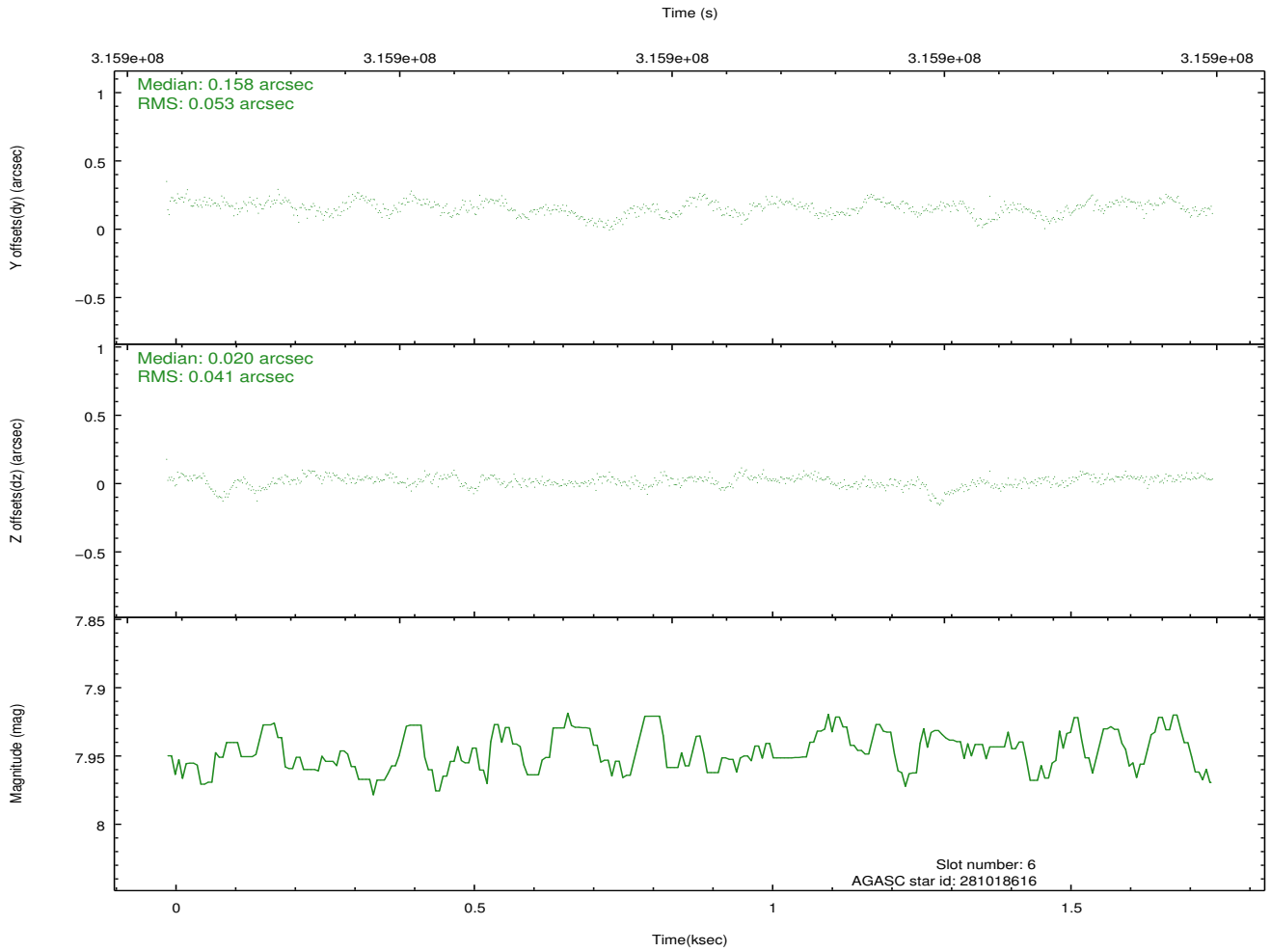
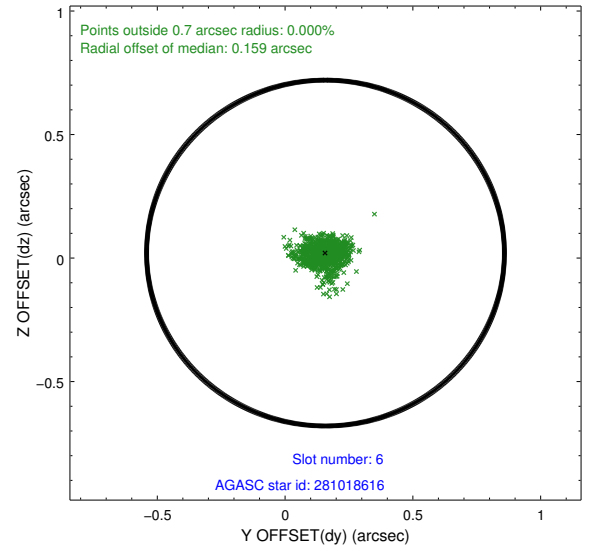
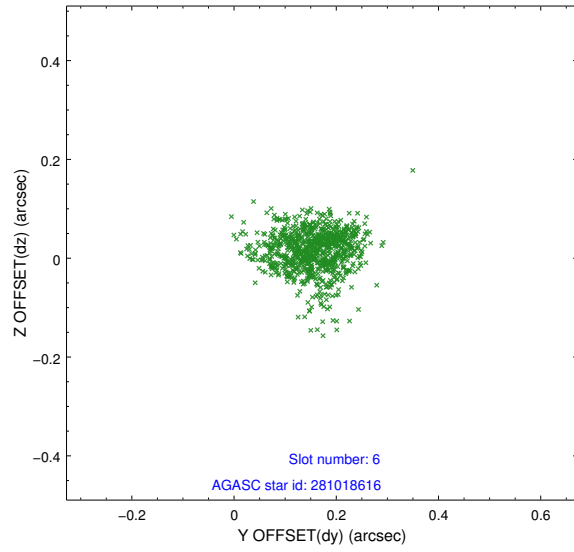
2.4.2 Slot 4



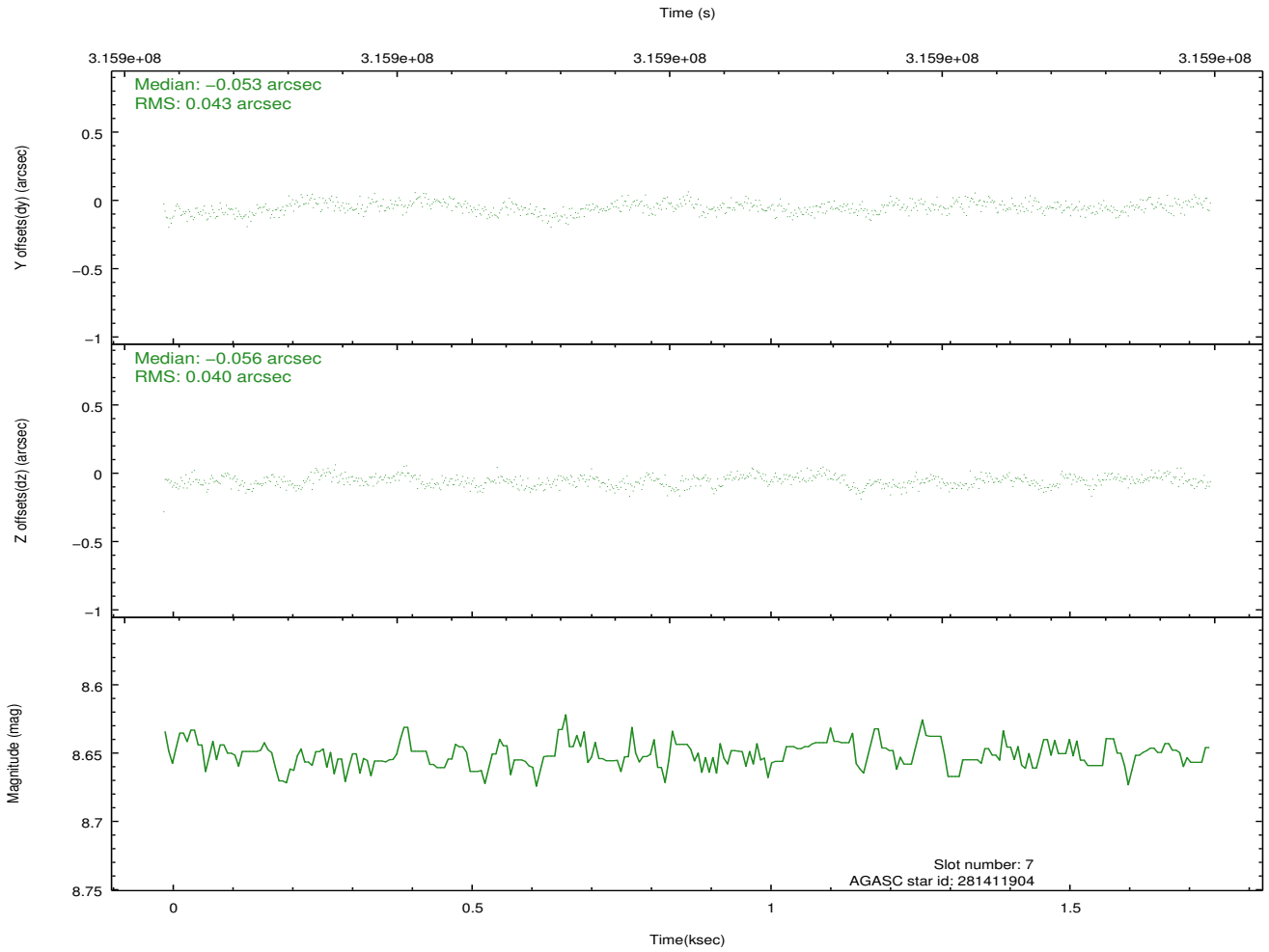
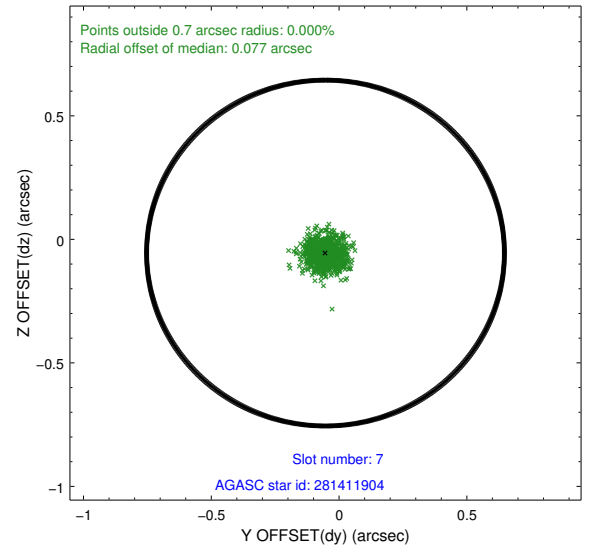
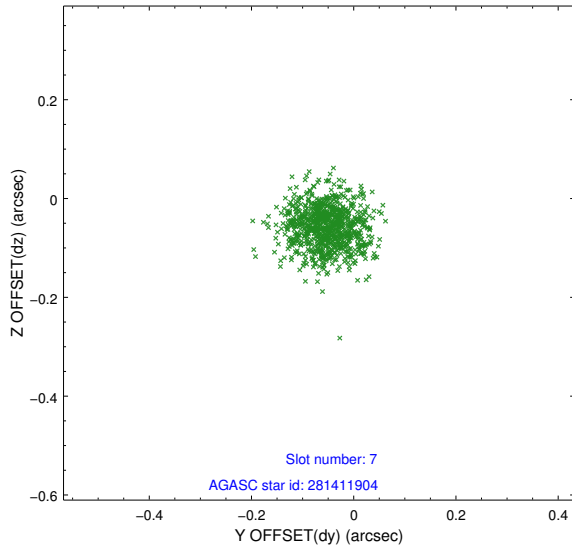
2.4.3 Slot 5



2.4.4 Slot 6

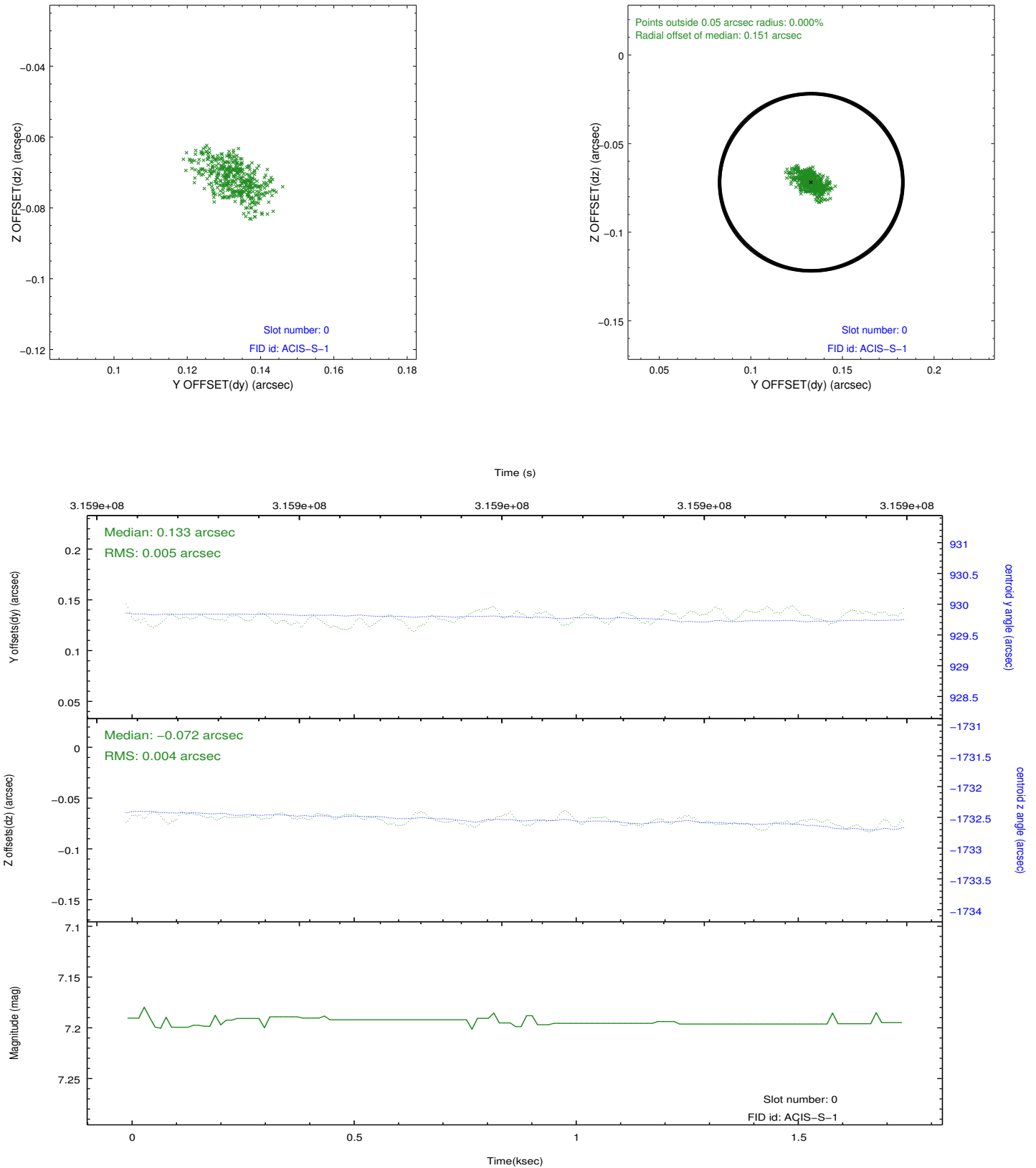


2.4.5 Slot 7

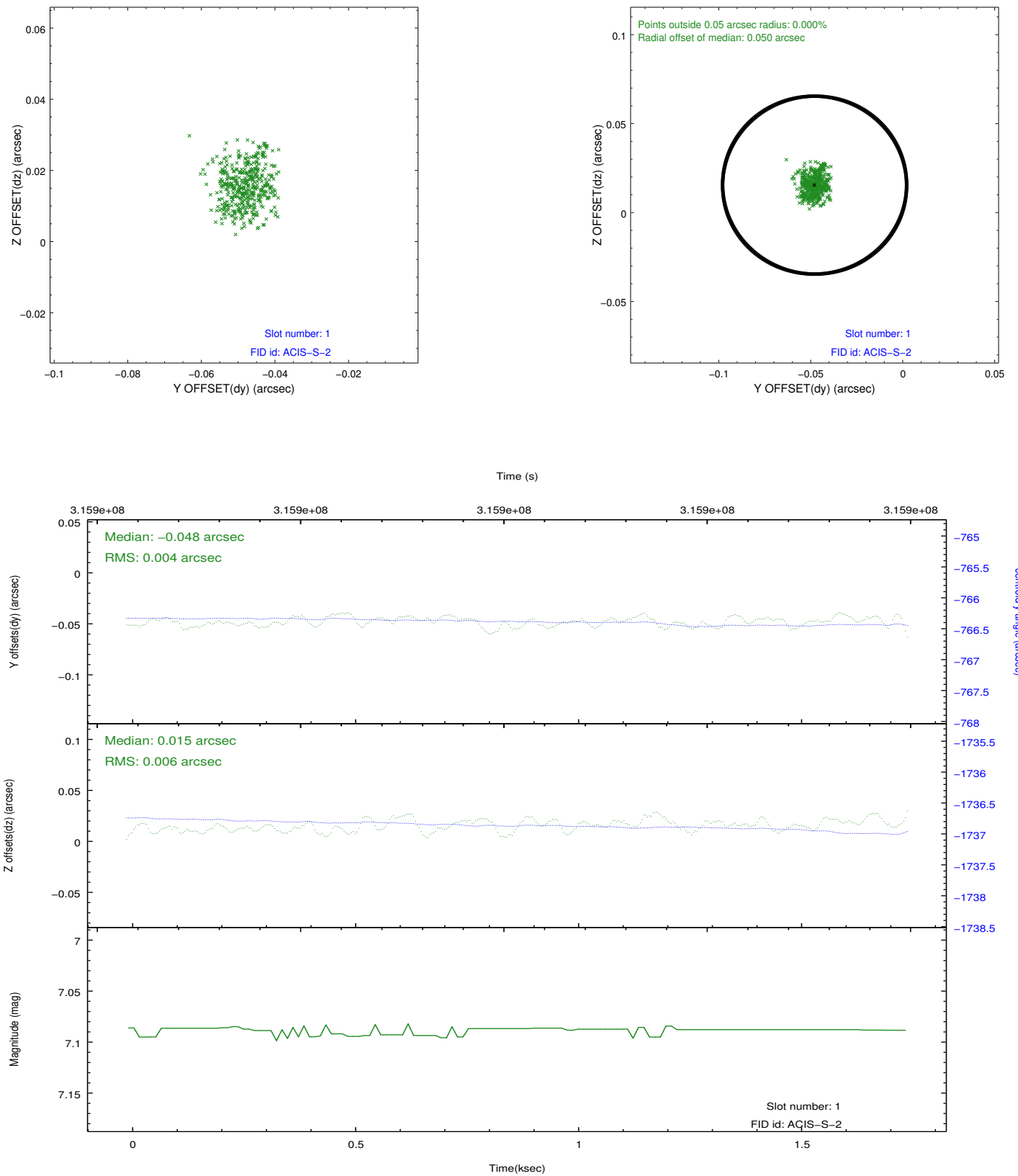


2.5 FID Slots

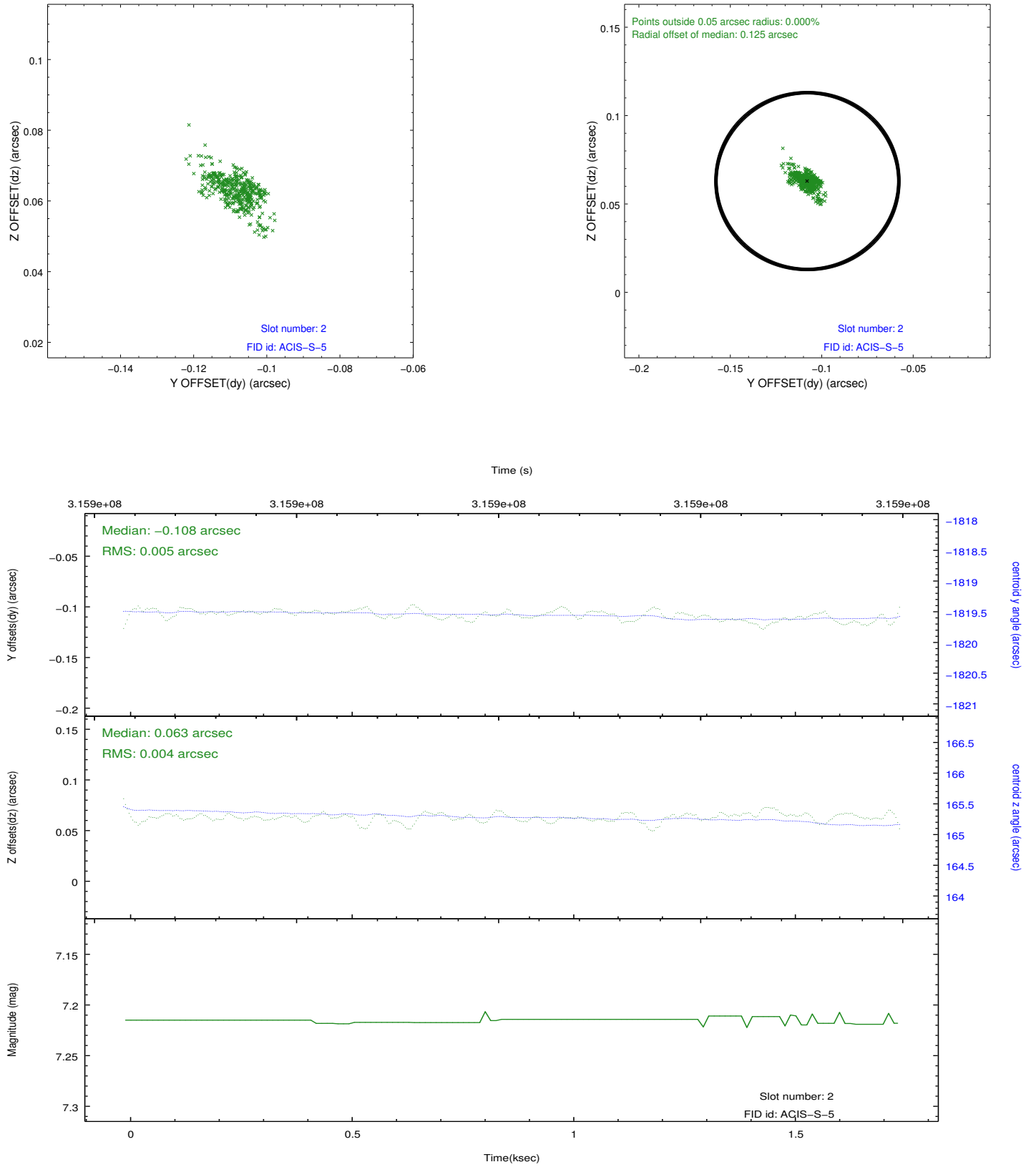
2.5.1 Slot 0



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)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.74399999

A.2 Comments