

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9054 - L2 Version 2
Chandra X-Ray Center

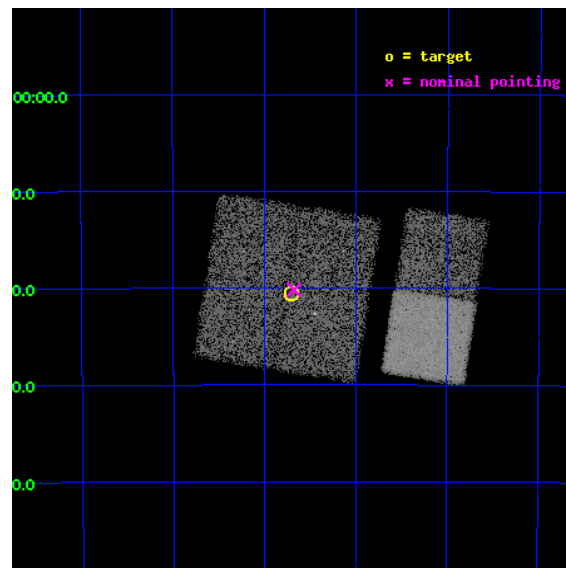
L2 Processing Date : May 8 2012

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1 Front

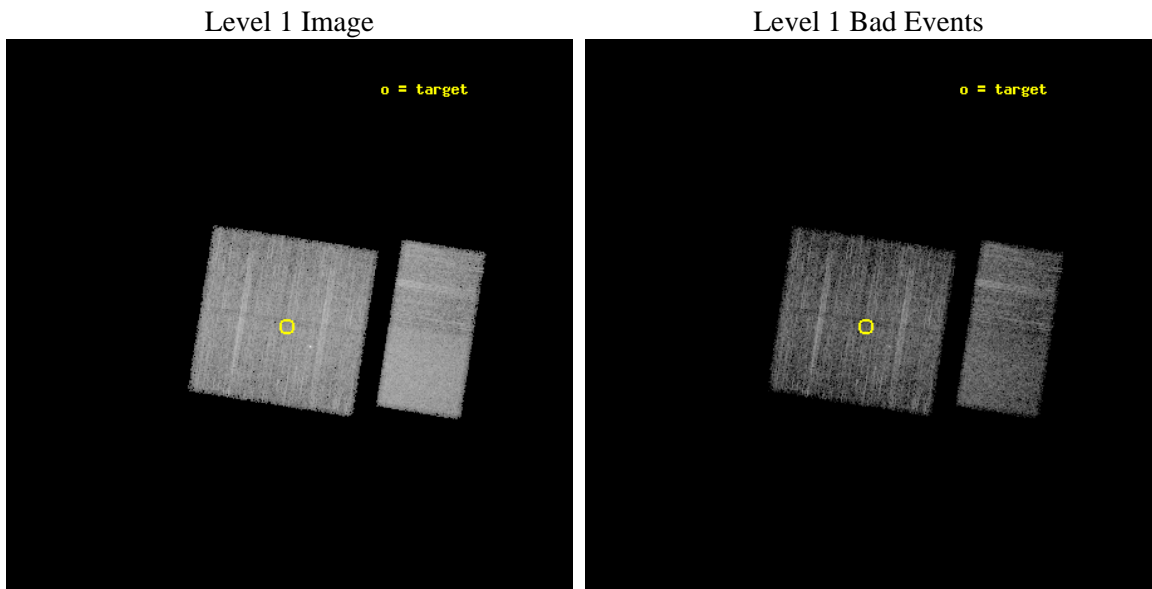
seq_num	400905	Sequence number
obs_id	9054	Observation id
title	Localization and Spectra of INTEGRAL-Selected Sources in the Galactic Plane	Proposal title
observer	Dr. John Tomsick	Principal investigator
object	IGR J16287-5021	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	247.175	Observer's specified target RA [deg]
dec_targ	-50.343889	Observer's specified target Dec [deg]
ra_nom	247.16979548184	Nominal RA [deg]
dec_nom	-50.336498954059	Nominal Dec [deg]
roll_nom	98.983210009992	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4996.9353958964	Sum of GTIs [s]
livetime	4933.6611911203	Livetime [s]
ontime0	4996.8122758865	Sum of GTIs [s]
ontime1	4996.8533158898	Sum of GTIs [s]
ontime2	4996.8943558931	Sum of GTIs [s]
ontime3	4996.9353958964	Sum of GTIs [s]
ontime6	4997.017475903	Sum of GTIs [s]
ontime7	4996.9764358997	Sum of GTIs [s]
l2events	55363	Number of level 2 events



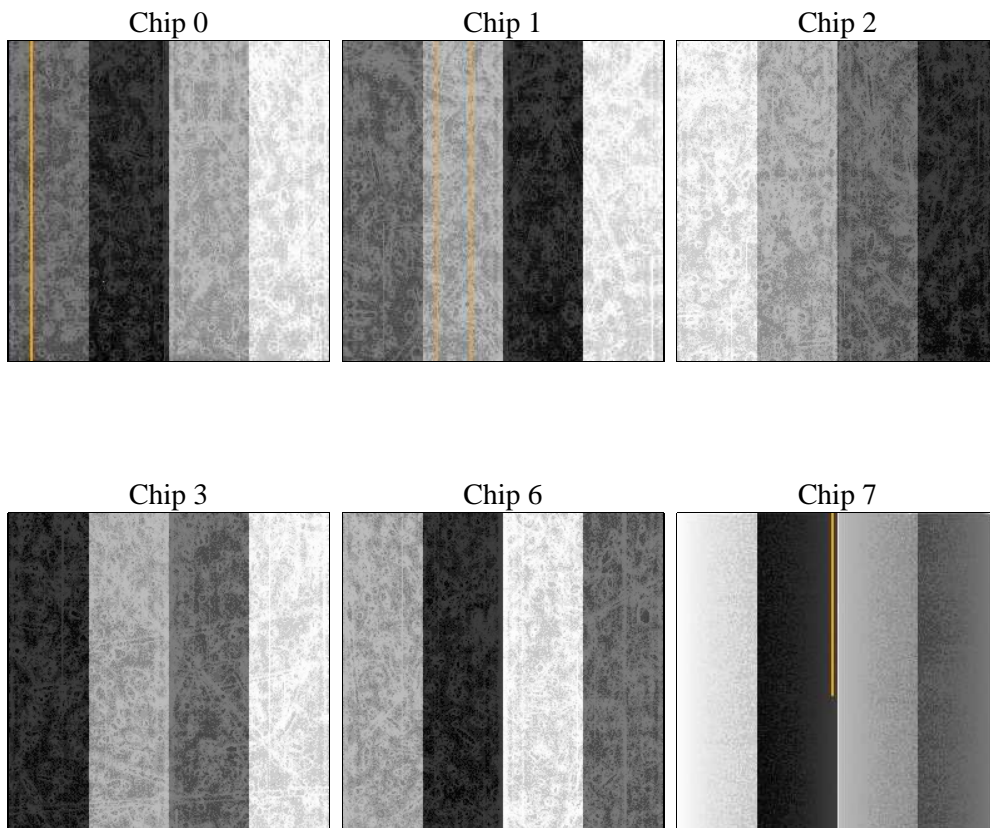
2 OBI

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	4996.9353958964	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4996.8122758865	Sum of GTIs [s]
date	2012-05-08T15:04:15	Date and time of file creation	ontime1	4996.8533158898	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4996.8943558931	Sum of GTIs [s]
			ontime3	4996.9353958964	Sum of GTIs [s]
			ontime6	4997.017475903	Sum of GTIs [s]
			ontime7	4996.9764358997	Sum of GTIs [s]
			l1events	312939	Number of level 1 events

2.1.4 Events

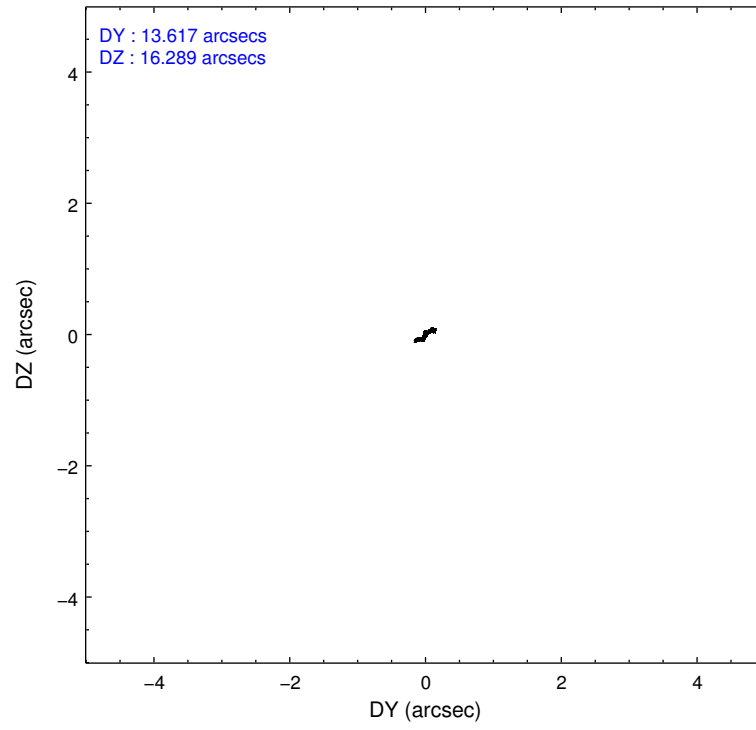
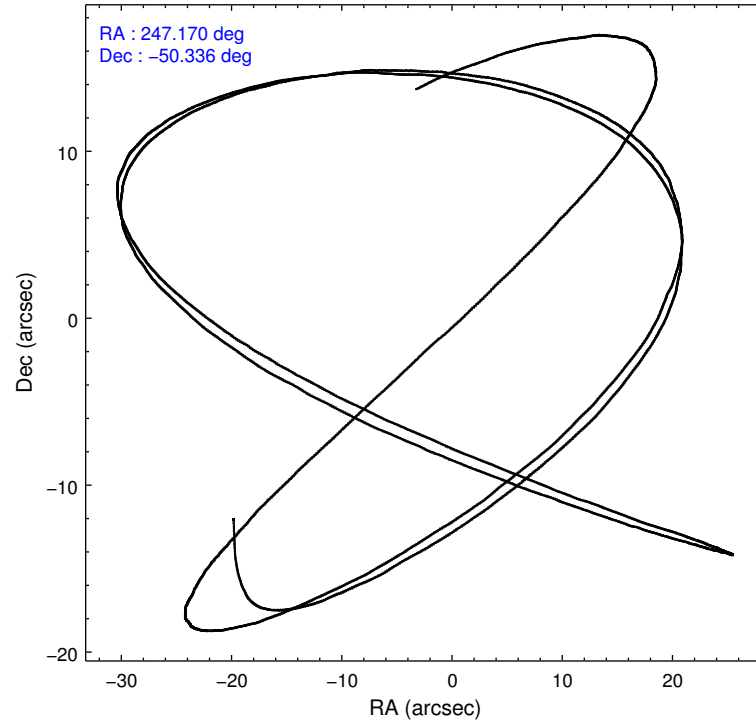
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	45393	47993	49937	50354	50729	68533	grade 0 events	2627	2597	2695	3046	2395	2493
rejected events	39229	41435	43889	43740	44544	39924		5%	5%	5%	6%	4%	3%
rejected %	86%	86%	87%	86%	87%	58%	grade 1 events	28	36	32	49	35	73
								0%	0%	0%	0%	0%	0%
							grade 2 events	1352	1480	1266	1278	1325	5669
								2%	3%	2%	2%	2%	8%
							grade 3 events	589	648	541	560	609	2443
								1%	1%	1%	1%	1%	3%
							grade 4 events	506	569	555	573	576	2389
								1%	1%	1%	1%	1%	3%
							grade 5 events	1985	2099	1998	2345	2423	6538
								4%	4%	4%	4%	4%	9%
							grade 6 events	1092	1270	1000	1161	1283	15628
								2%	2%	2%	2%	2%	22%
							grade 7 events	37214	39294	41850	41342	42083	33300
								81%	81%	83%	82%	82%	48%

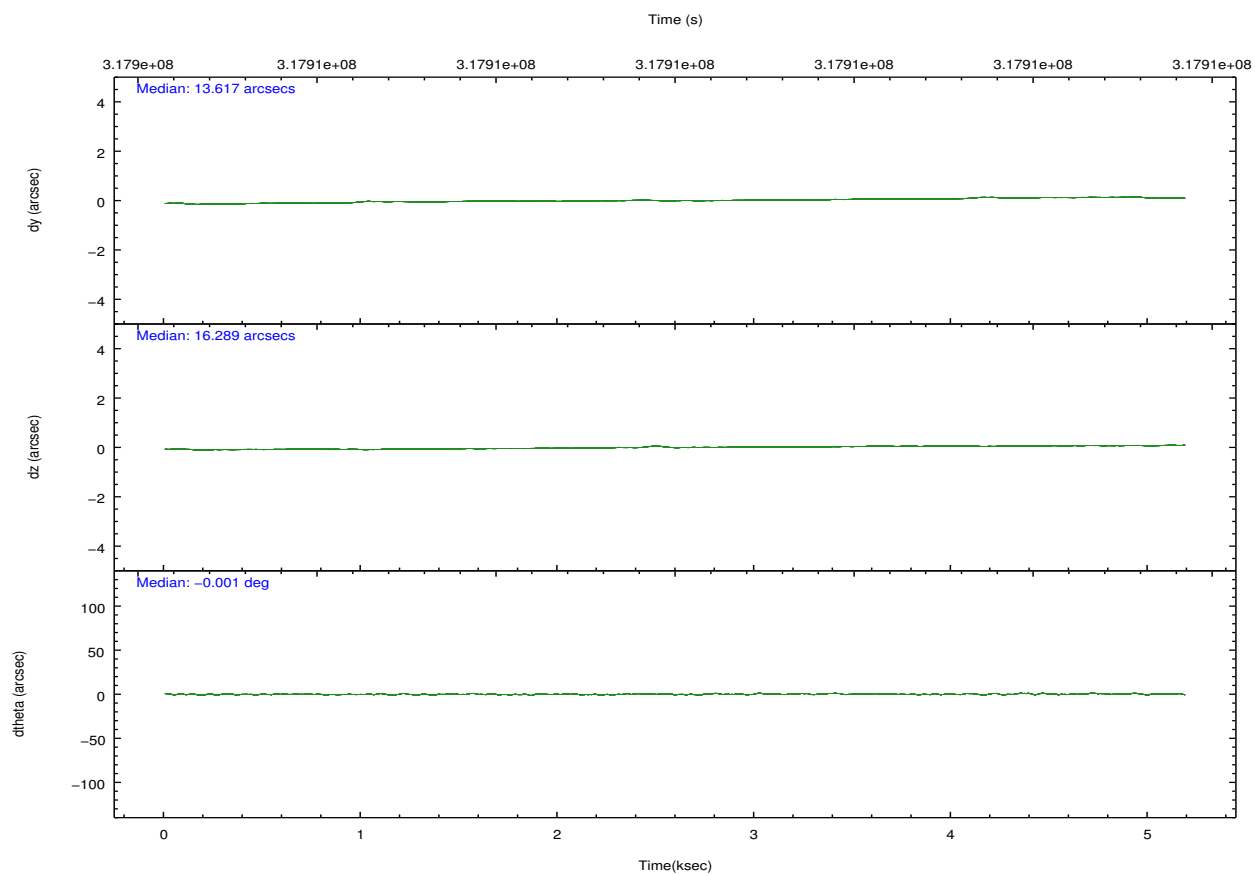
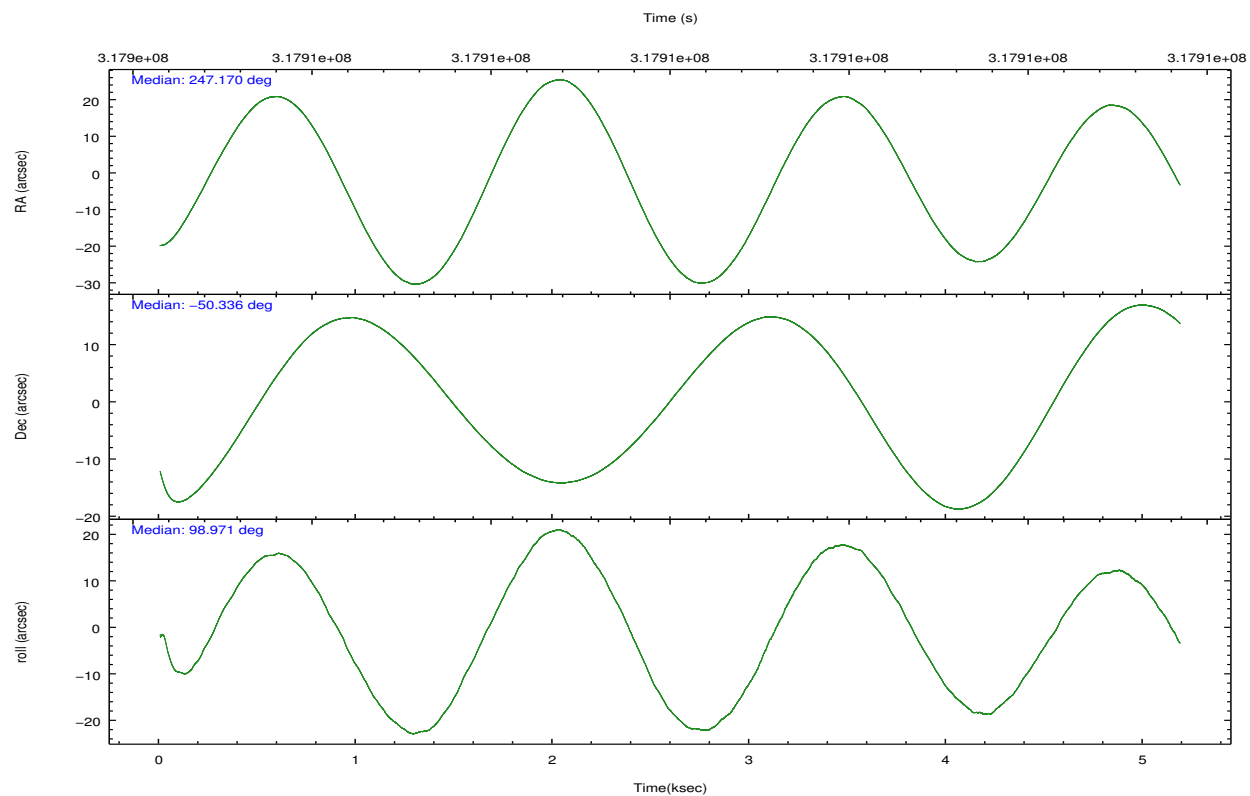
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	247.196647	247.1697954818355
[deg] Pointing Dec	-50.357938	-50.33649895405941
[deg] Pointing Roll	98.795178	98.98321000999159
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.001439871863259334
[mm] SIM translation stage pos	-233.592463	-233.5874344608287
[mm] SIM translation stage offset	0	-0.005018542100998502
[s] Observation start time (MET)	317905600.184000	317904617.4303
Observation start date	2008-01-28T11:05:35	2008-01-28T10:50:17
[s] Observation end time (MET)	317910600.184000	317910983.70561
Observation end date	2008-01-28T12:28:55	2008-01-28T12:36:23
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
CCD I0 on	Y	Y
CCD I1 on	Y	Y
CCD I2 on	Y	Y
CCD I3 on	Y	Y
CCD S0 on	N	N
CCD S1 on	N	N
CCD S2 on	O1	Y
CCD S3 on	O2	Y
CCD S4 on	N	N
CCD S5 on	N	N
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Aspect



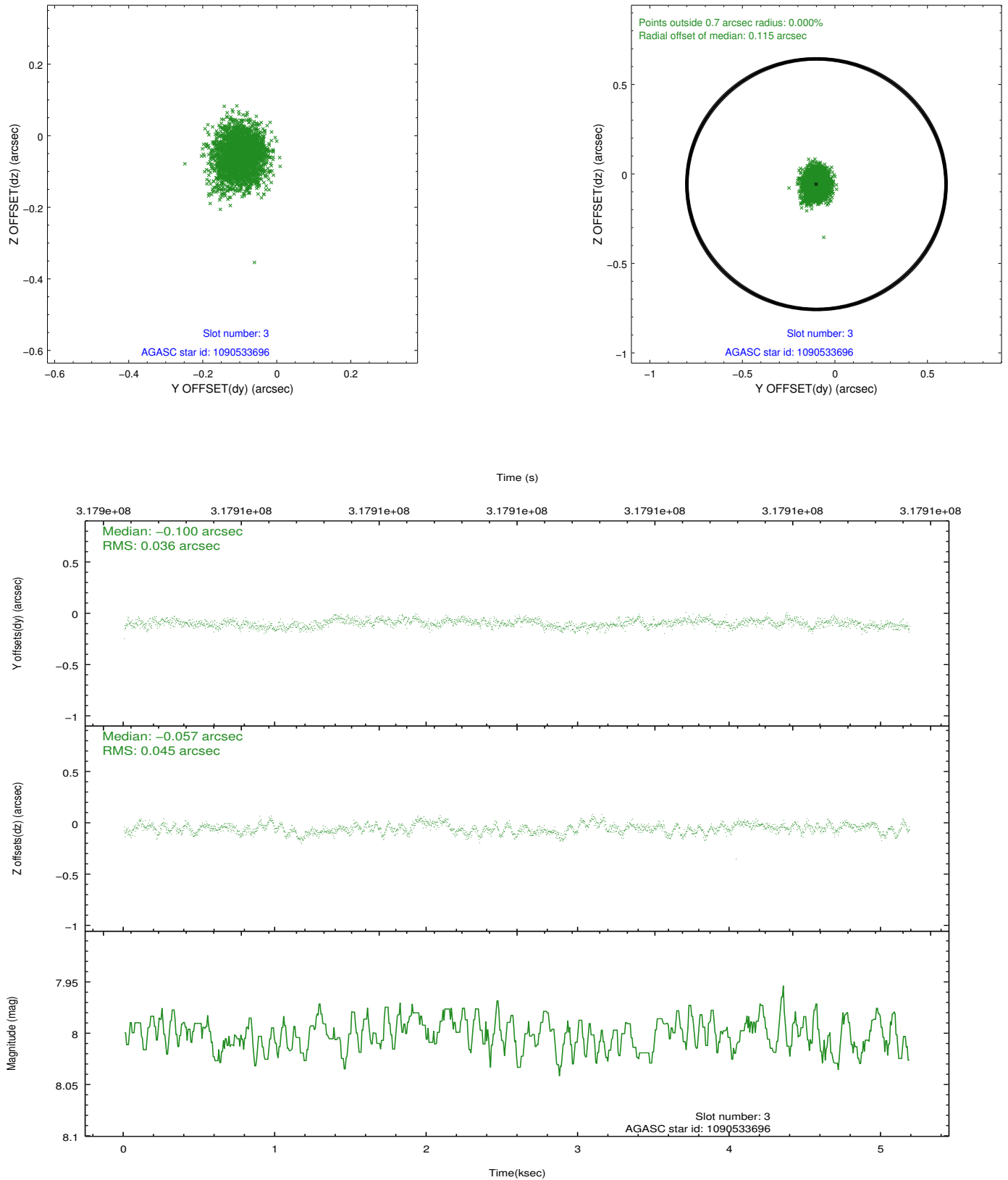


Slot Statistics

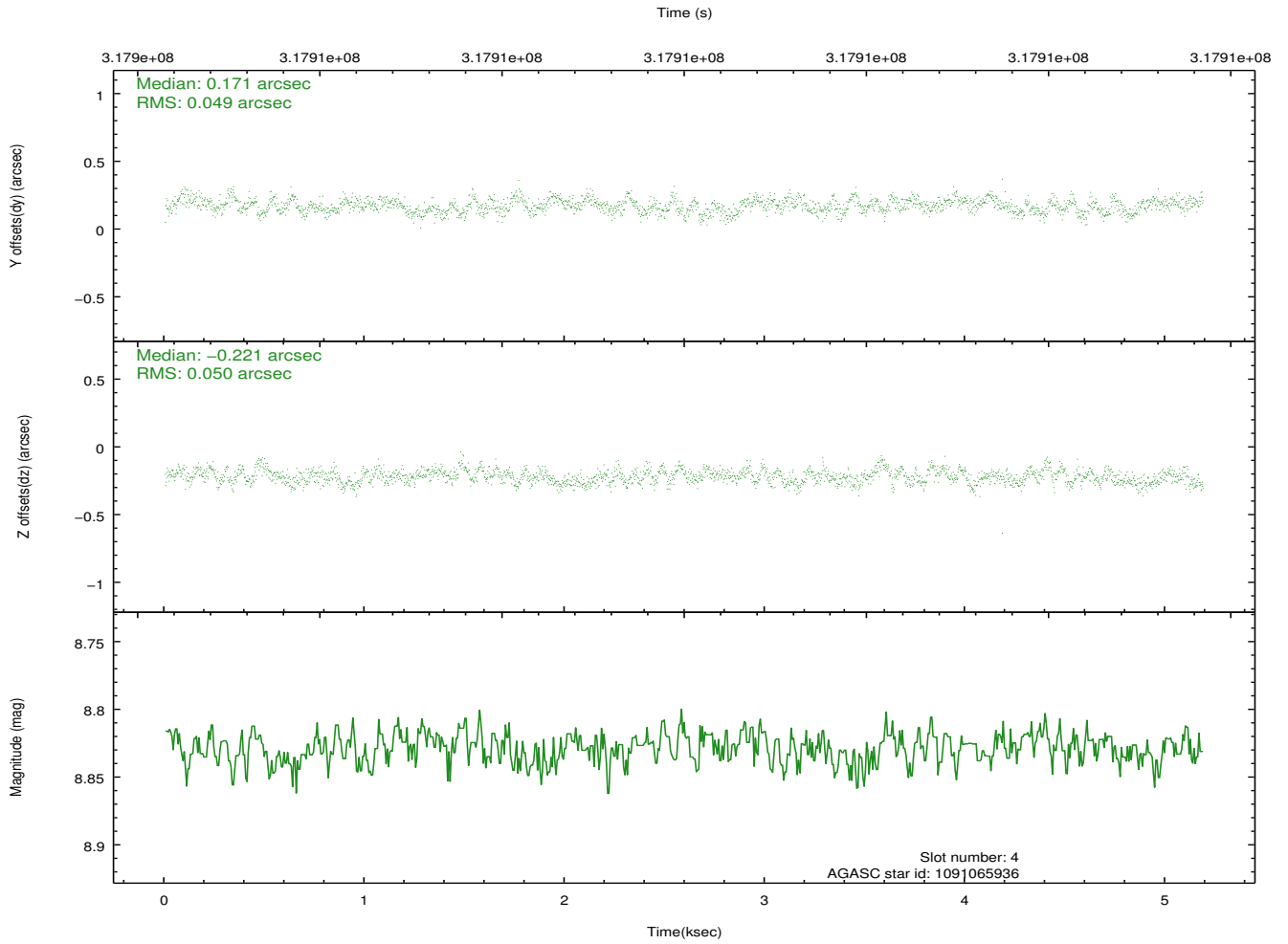
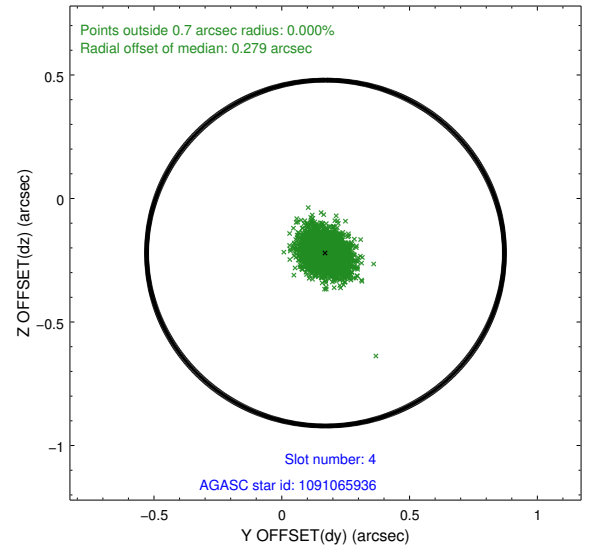
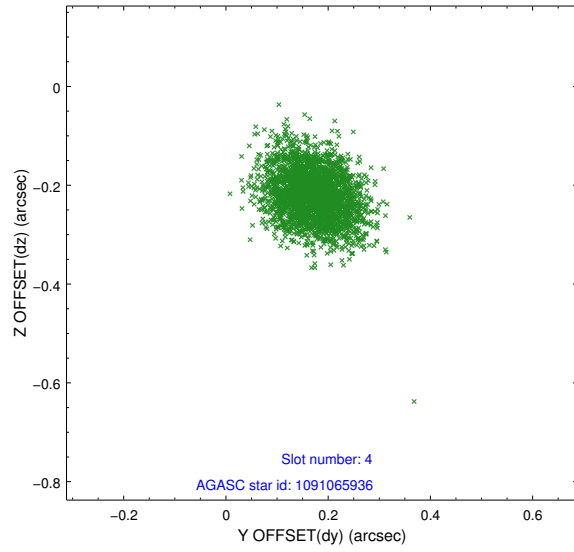
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.22	1265	0.054	-0.036	0.006	0.011	0.000000	0.000000	925.91	-839.97
1	FID	ACIS-I-5	7.22	1265	-0.201	0.057	0.006	0.010	0.000000	0.000000	-1821.77	1057.08
2	FID	ACIS-I-6	7.23	1265	0.055	0.049	0.007	0.012	0.000000	0.000000	390.24	1702.85
3	GUIDE	1090533696	8.00	2527	-0.100	-0.057	0.062	0.098	246.732535	-50.366556	128.38	1059.65
4	GUIDE	1091065936	8.83	2529	0.171	-0.221	0.074	0.120	246.363156	-50.698332	-931.35	2068.30
5	GUIDE	1092223272	7.71	2530	-0.021	0.237	0.061	0.099	248.054525	-50.248530	75.86	-2007.78
6	GUIDE	1092229464	7.93	2530	-0.139	0.232	0.061	0.098	247.768220	-49.981148	1133.13	-1513.31
7	GUIDE	1091064768	8.69	2528	0.080	-0.191	0.088	0.140	246.317691	-50.745822	-1085.66	2194.05

2.4 Star Slots

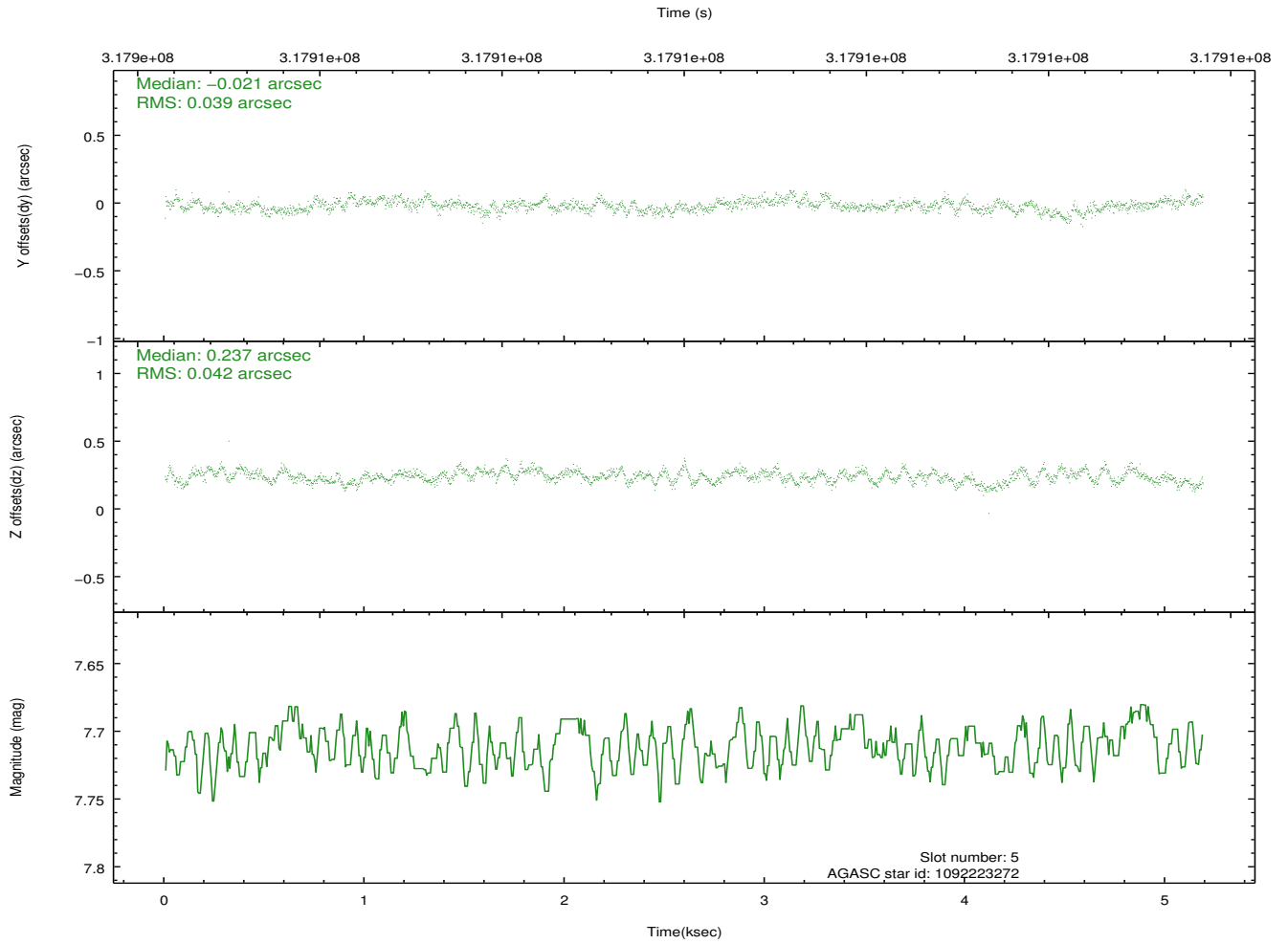
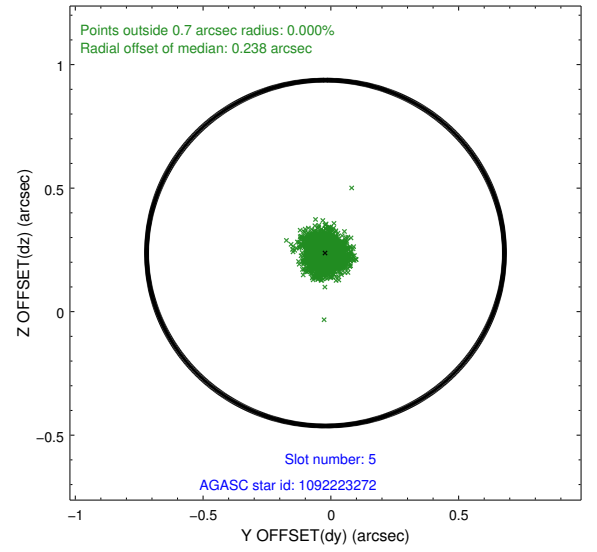
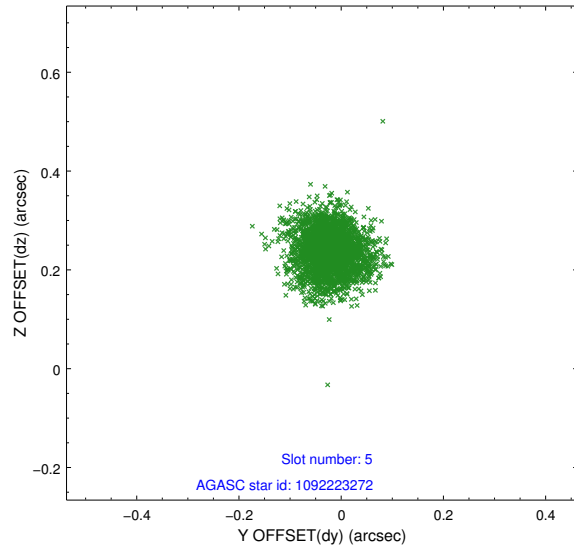
2.4.1 Slot 3



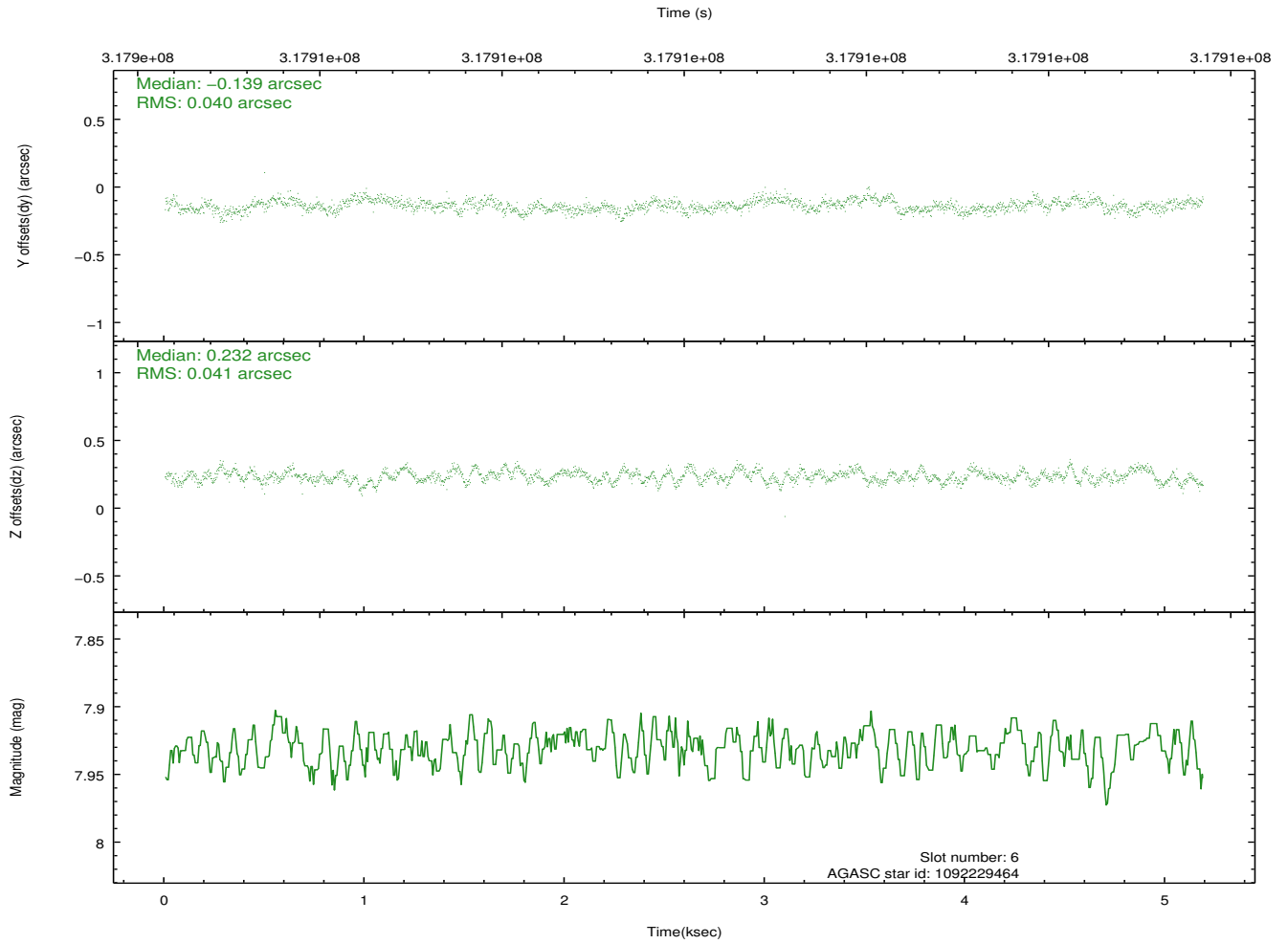
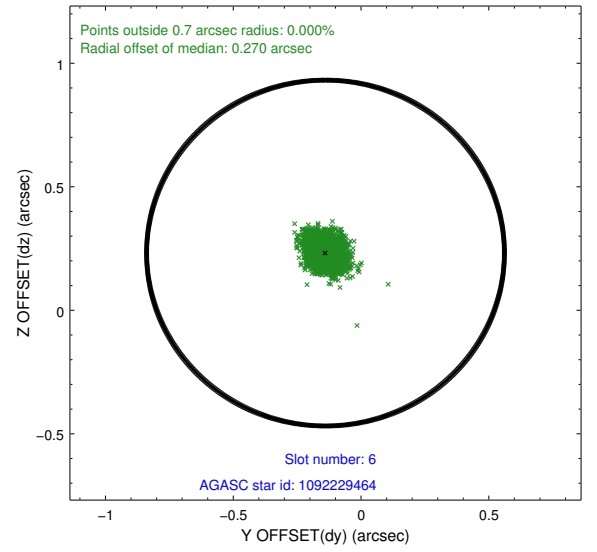
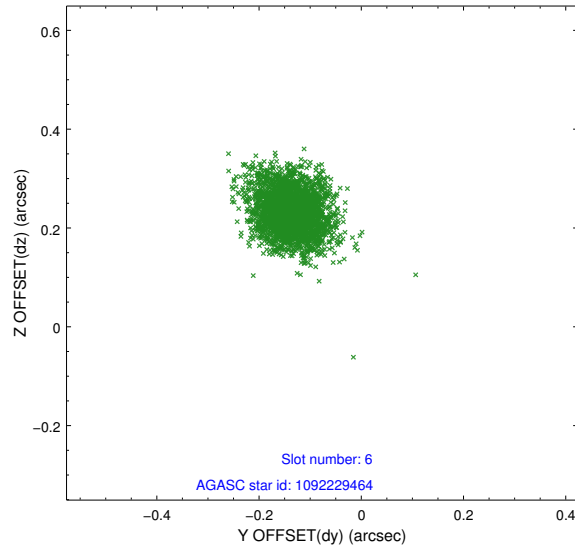
2.4.2 Slot 4



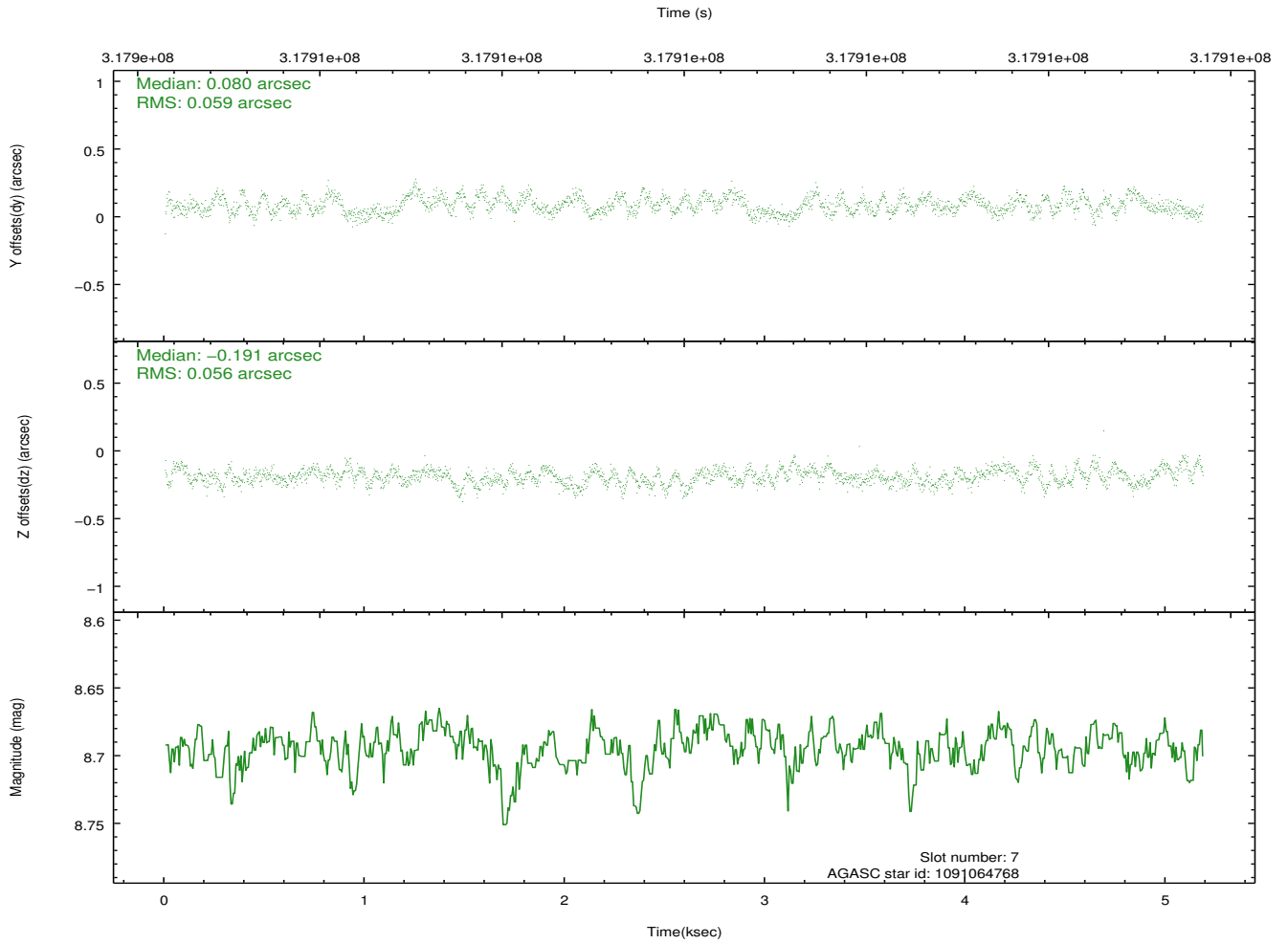
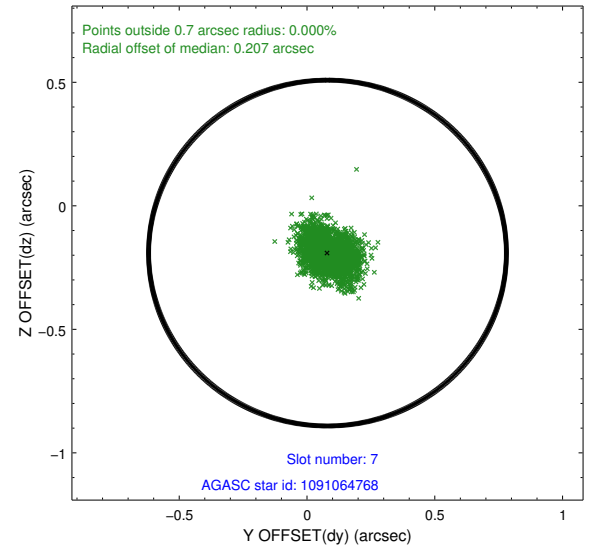
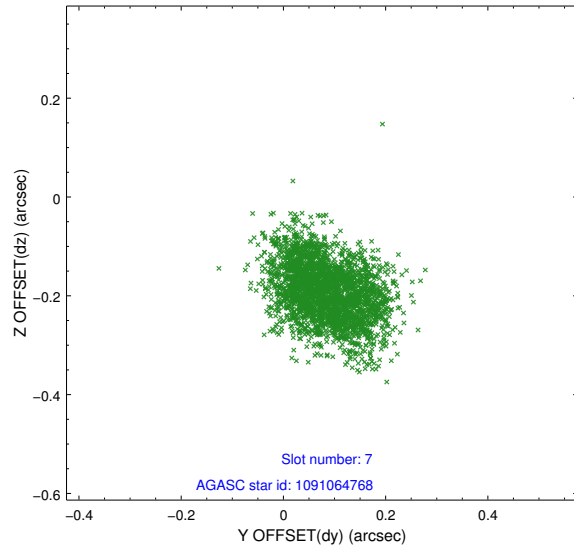
2.4.3 Slot 5



2.4.4 Slot 6

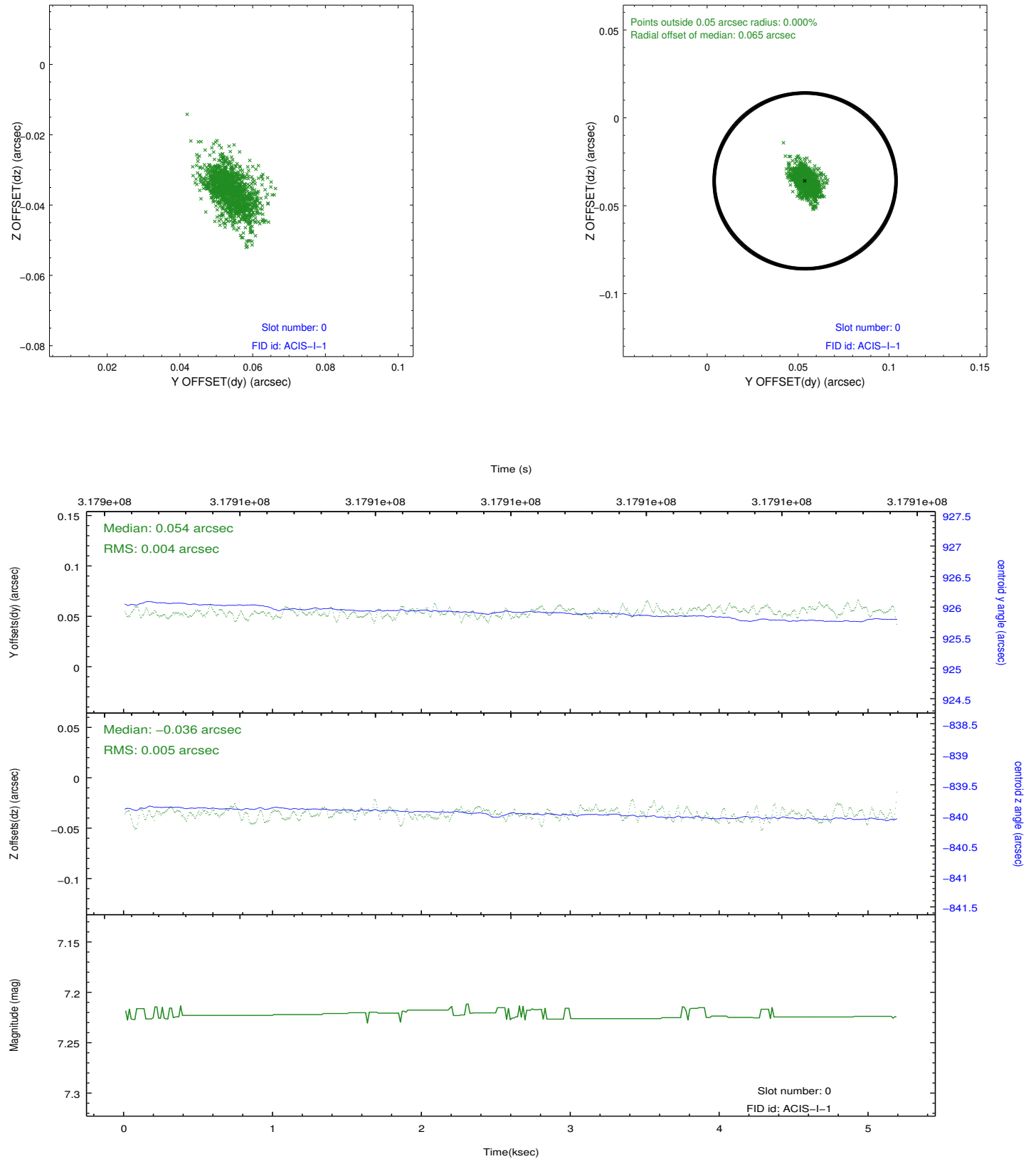


2.4.5 Slot 7

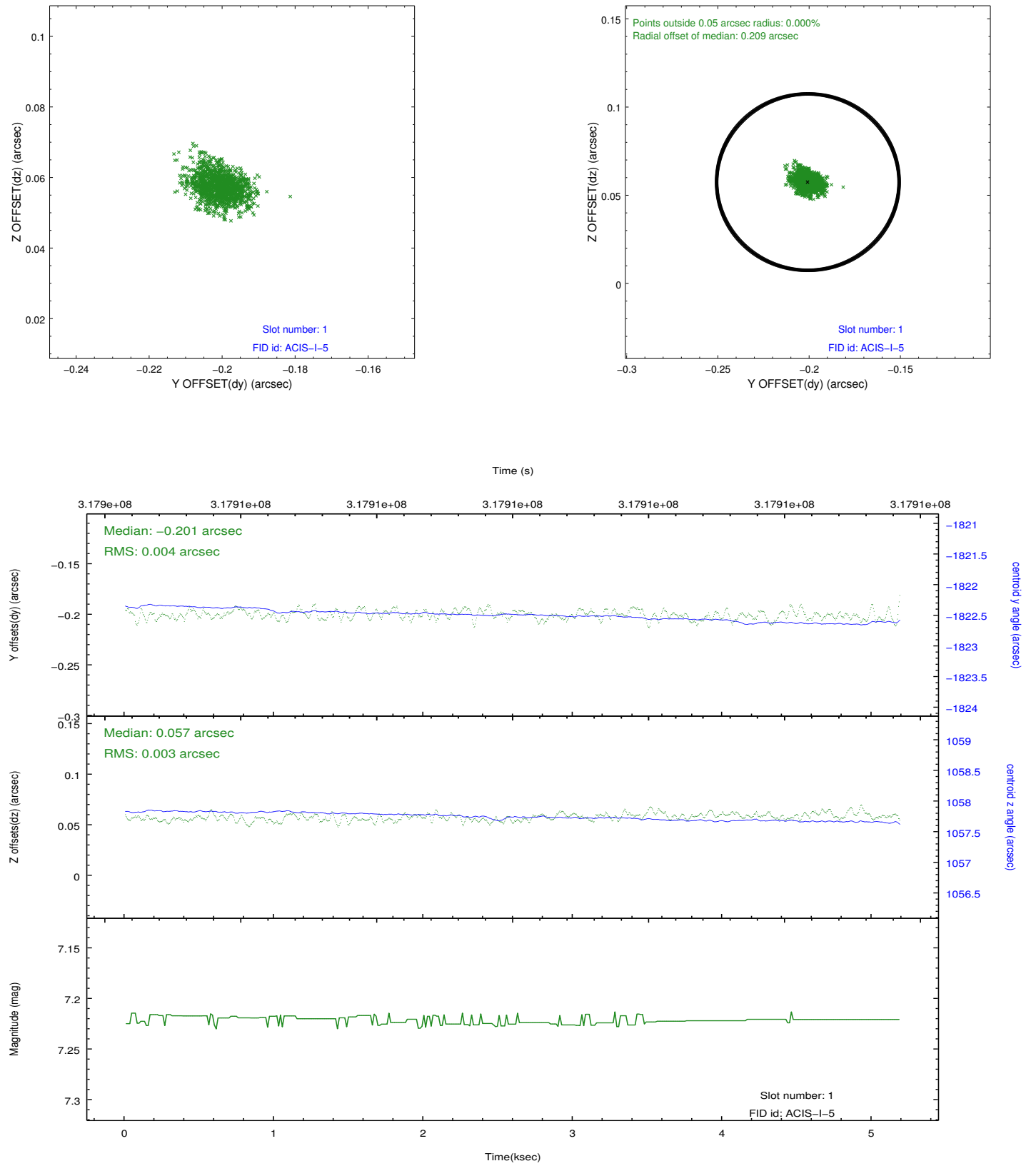


2.5 FID Slots

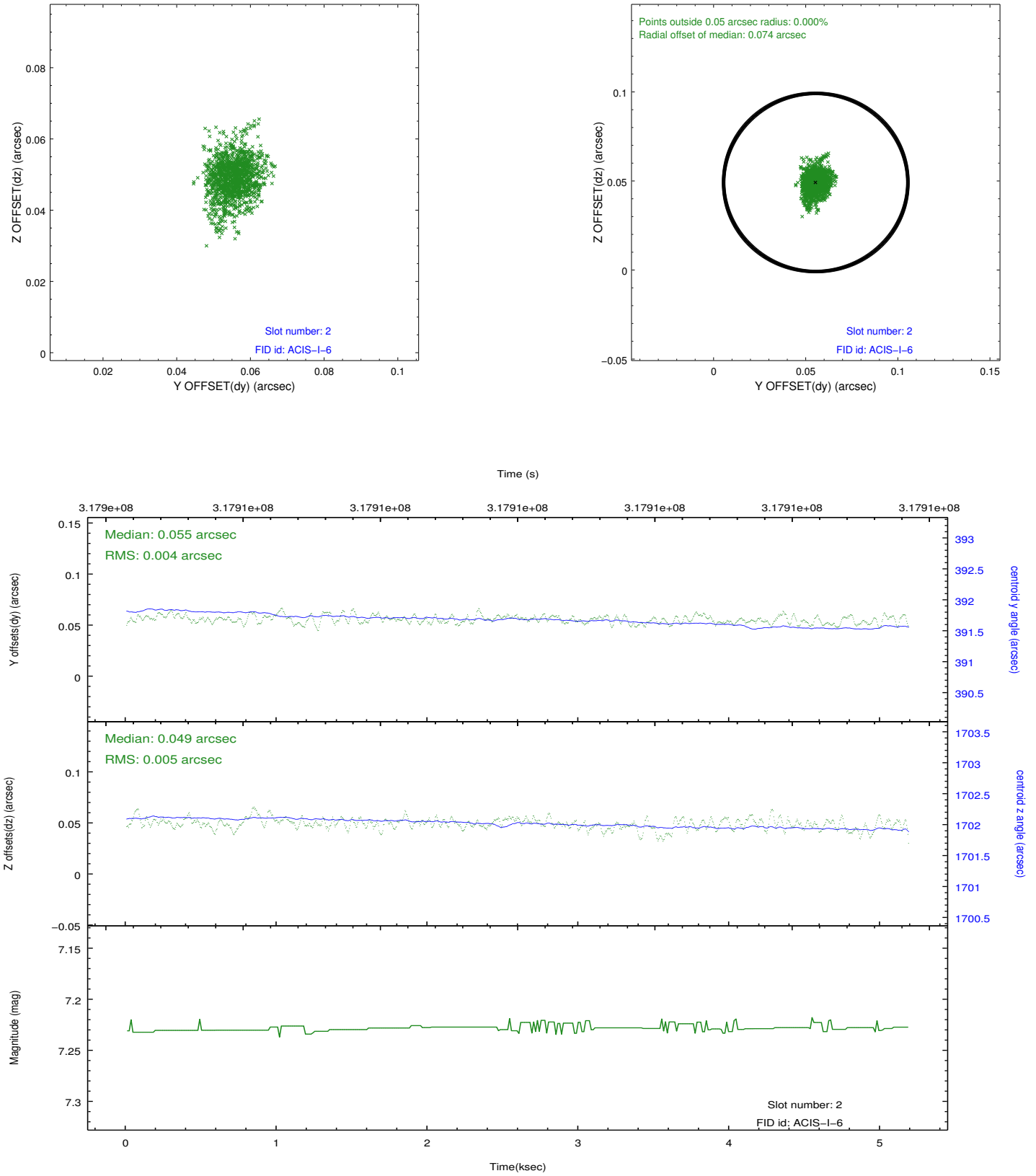
2.5.1 Slot 0



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)	2012.05.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.99839998

A.2 Comments

Joint proposal: NOAO