

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8153 - L2 Version 2
Chandra X-Ray Center

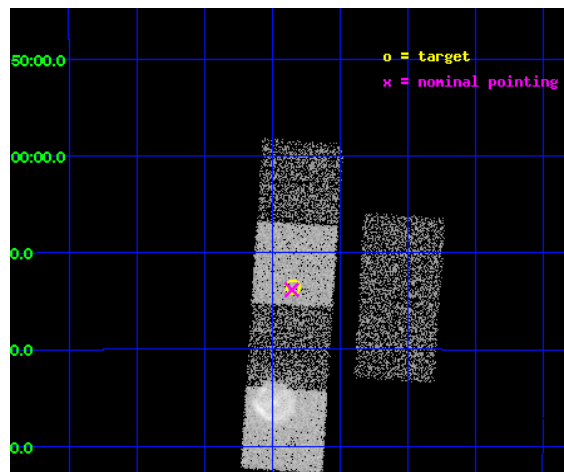
L2 Processing Date : May 3 2012

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1 Front

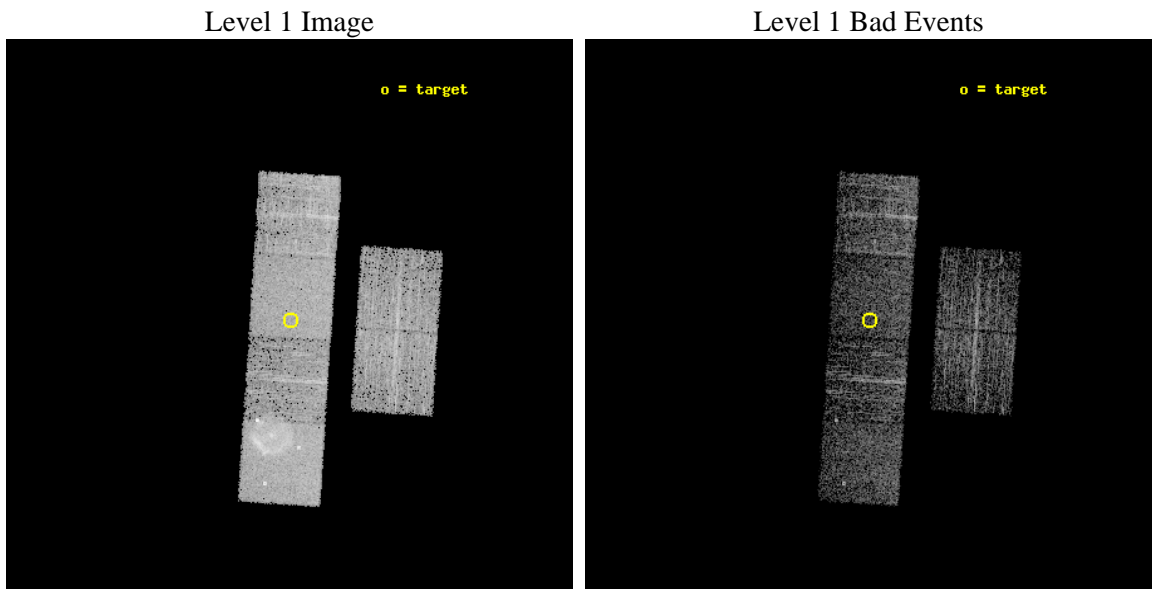
seq_num	900694	Sequence number
obs_id	8153	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J181120-1913	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	272.835833	Observer's specified target RA [deg]
dec_targ	-19.227	Observer's specified target Dec [deg]
ra_nom	272.83893957105	Nominal RA [deg]
dec_nom	-19.230919059136	Nominal Dec [deg]
roll_nom	273.72103154978	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2236.7999917269	Sum of GTIs [s]
livetime	2208.4762833924	Livetime [s]
ontime2	2236.7999917269	Sum of GTIs [s]
ontime3	2236.7999917269	Sum of GTIs [s]
ontime5	2236.7999917269	Sum of GTIs [s]
ontime6	2236.7999917269	Sum of GTIs [s]
ontime7	2236.7999917269	Sum of GTIs [s]
ontime8	2230.3181507587	Sum of GTIs [s]
l2events	45466	Number of level 2 events



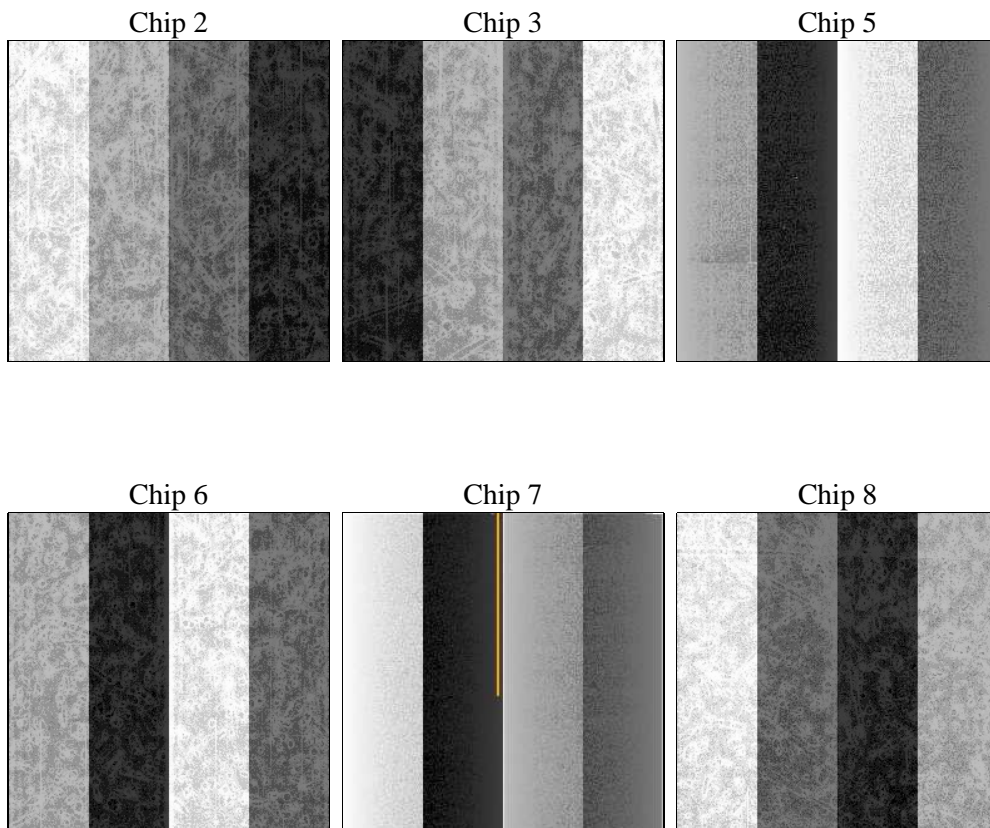
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2480.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2236.7999917269	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	2236.7999917269	Sum of GTIs [s]
date	2012-05-03T12:28:27	Date and time of file creation	ontime3	2236.7999917269	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2236.7999917269	Sum of GTIs [s]
			ontime6	2236.7999917269	Sum of GTIs [s]
			ontime7	2236.7999917269	Sum of GTIs [s]
			ontime8	2230.3181507587	Sum of GTIs [s]
			l1events	167196	Number of level 1 events

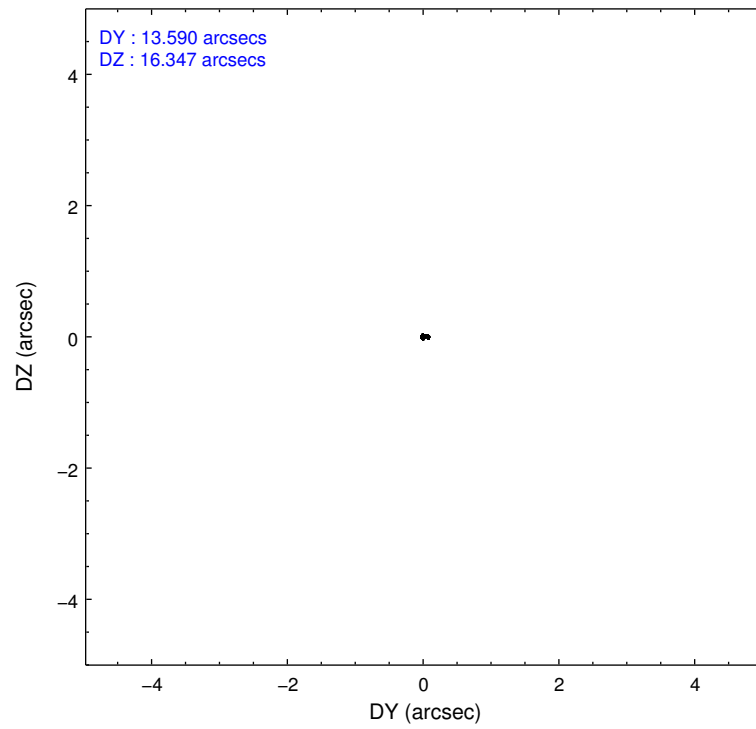
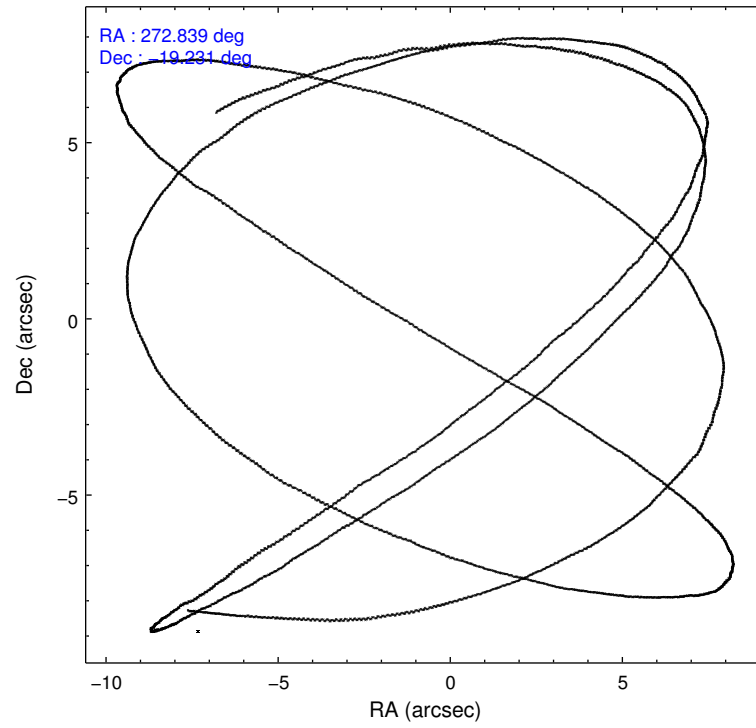
2.1.4 Events

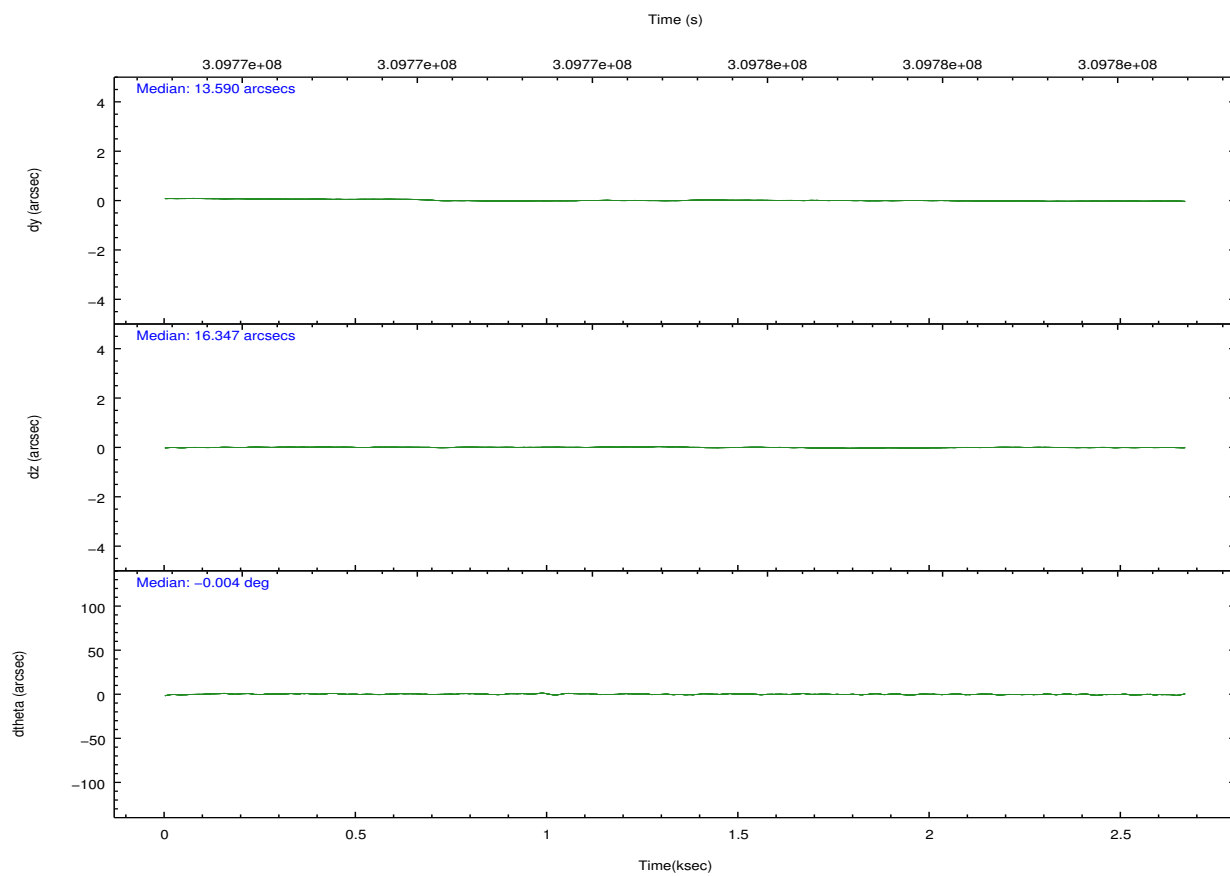
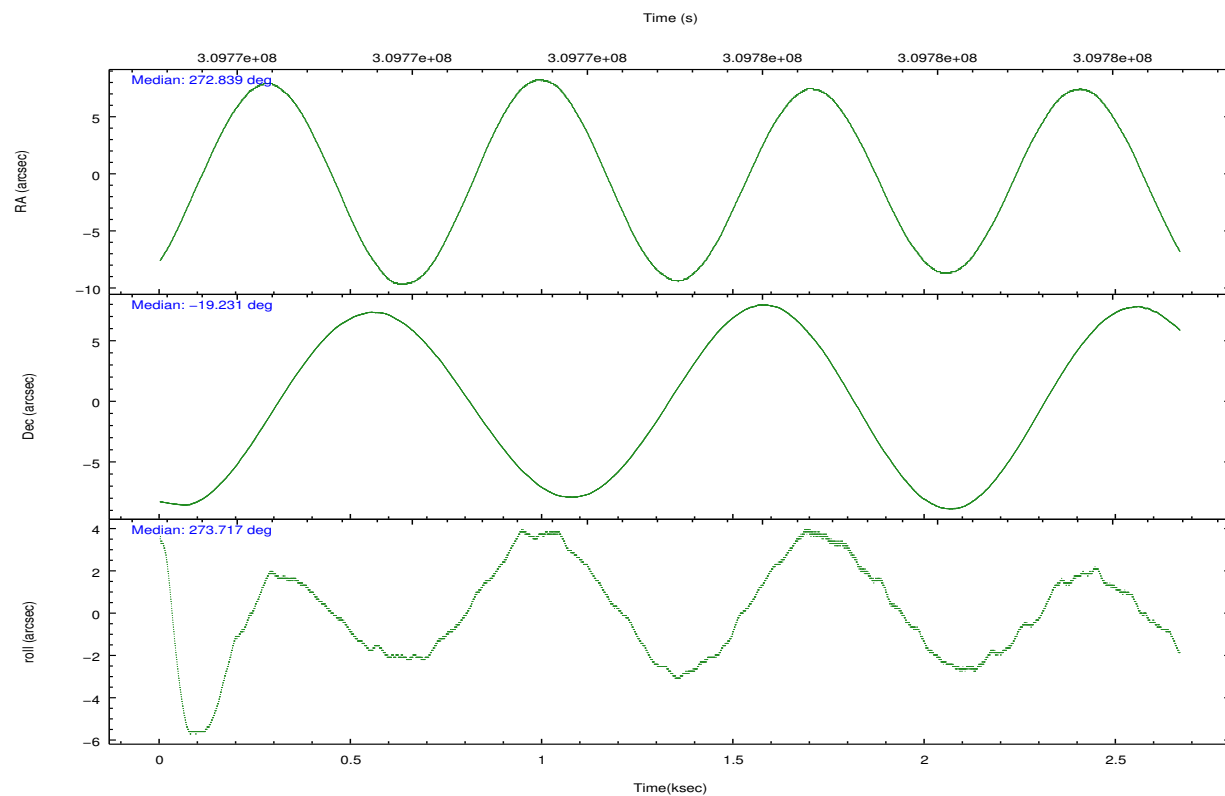
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	22483	20775	42074	21515	29948	30401	grade 0 events	1425	1220	4375	1855	1142	2073
rejected events	19607	18120	18082	17943	17221	24187		6%	5%	10%	8%	3%	6%
rejected %	87%	87%	42%	83%	57%	79%	grade 1 events	14	16	262	14	50	39
								0%	0%	0%	0%	0%	0%
							grade 2 events	593	502	7063	674	2607	1313
								2%	2%	16%	3%	8%	4%
							grade 3 events	229	259	1408	272	1107	660
								1%	1%	3%	1%	3%	2%
							grade 4 events	208	246	1455	289	1063	593
								0%	1%	3%	1%	3%	1%
							grade 5 events	844	978	2456	1006	2719	1318
								3%	4%	5%	4%	9%	4%
							grade 6 events	433	436	9756	492	6851	1585
								1%	2%	23%	2%	22%	5%
							grade 7 events	18737	17118	15299	16913	14409	22820
								83%	82%	36%	78%	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	272.822410	272.8389395710458	CCD I2 on	O2	Y
[deg] Pointing Dec	-19.208414	-19.23091905913633	CCD I3 on	O3	Y
[deg] Pointing Roll	273.558974	273.7210315497754	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)	309773598.184000	309773198.7621	CCD S5 on	N	N
Observation start date	2007-10-26T08:12:13	2007-10-26T08:06:38	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	309776078.184000	309776211.74974	On-chip summing requested	N	N
Observation end date	2007-10-26T08:53:33	2007-10-26T08:56:51	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



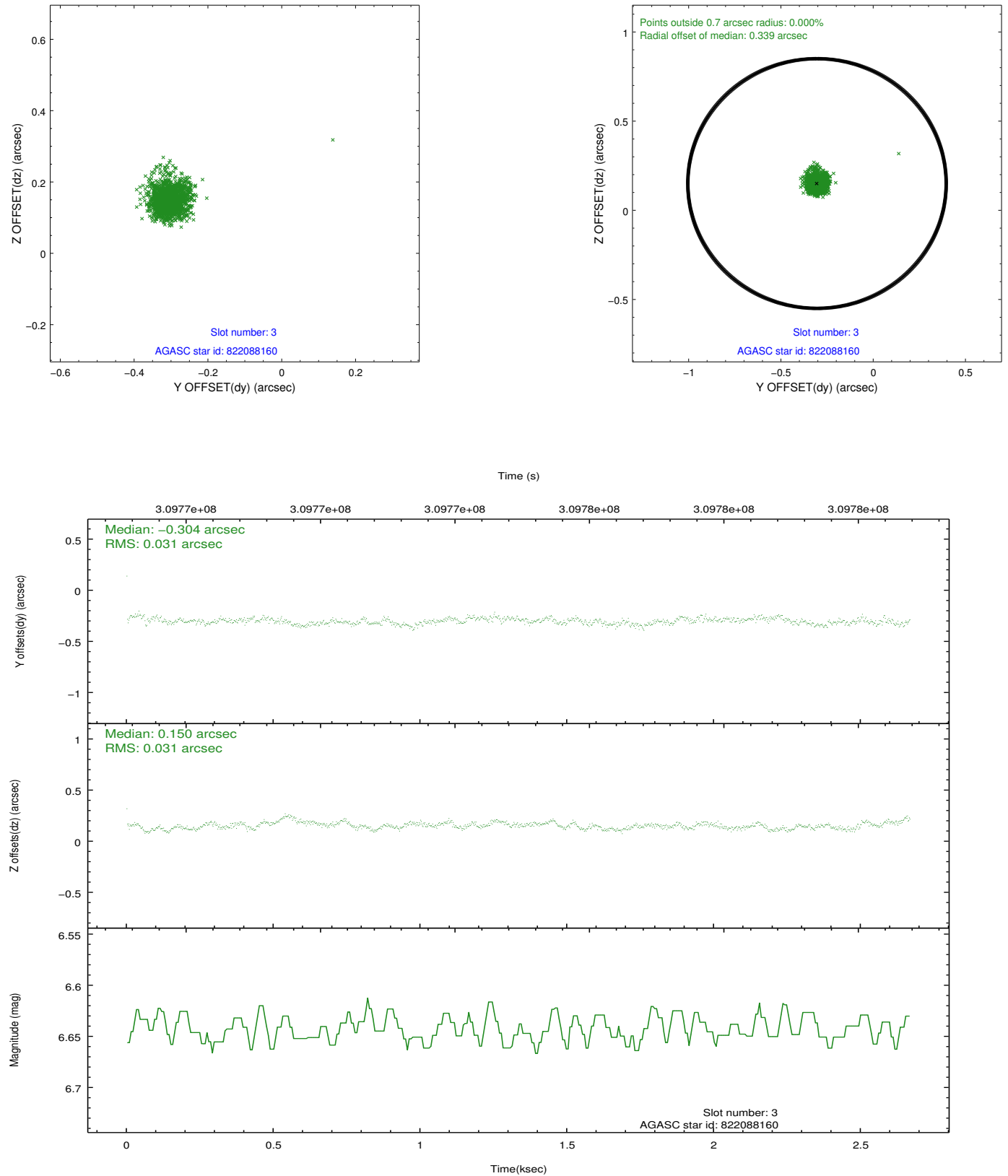


Slot Statistics

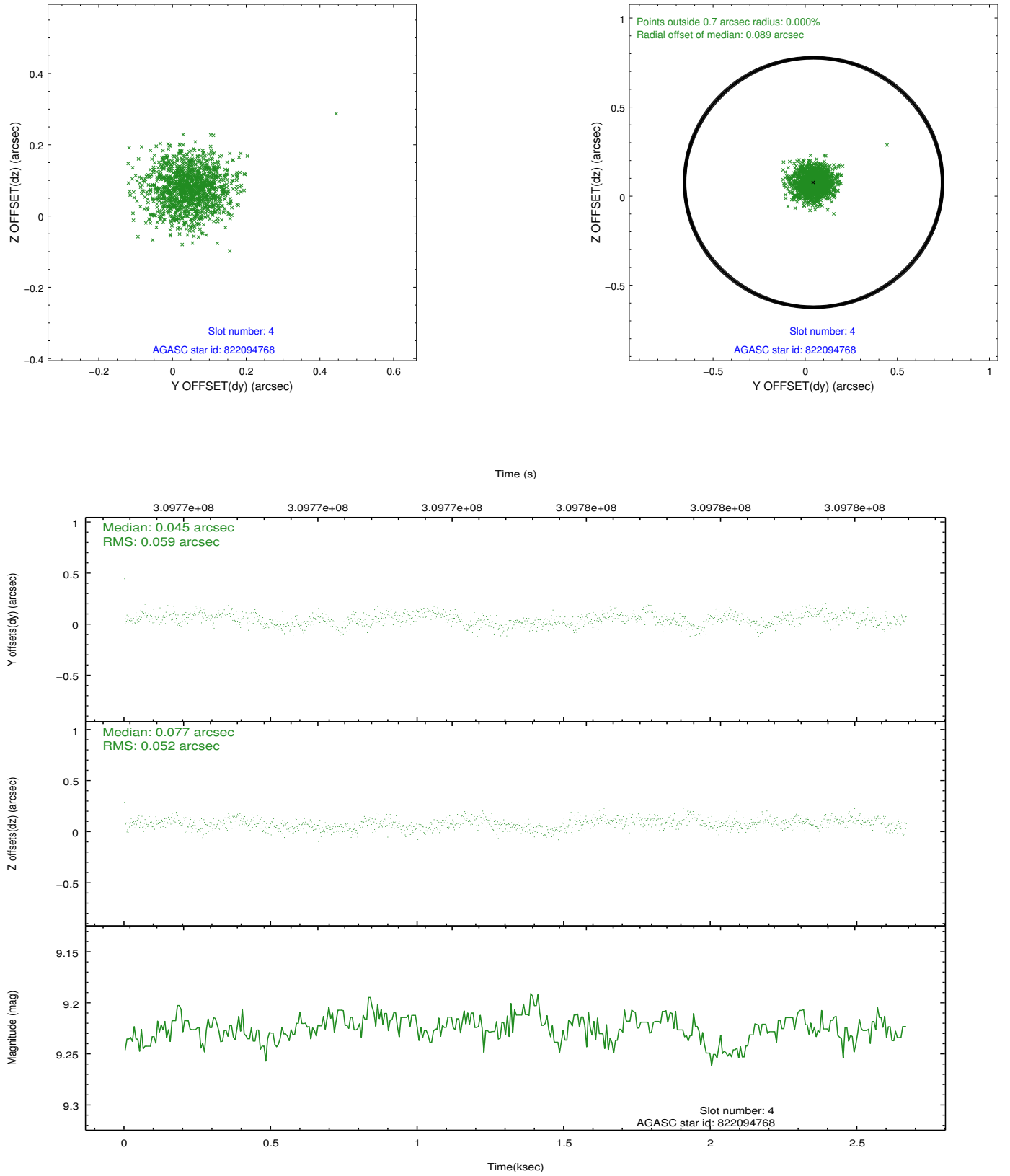
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	651	-0.044	-0.034	0.007	0.011	0.000000	0.000000	-766.58	-1737.74
1	FID	ACIS-S-4	7.18	651	0.181	0.031	0.006	0.012	0.000000	0.000000	2145.82	168.29
2	FID	ACIS-S-5	7.22	651	-0.167	0.012	0.006	0.010	0.000000	0.000000	-1816.45	164.70
3	GUIDE	822088160	6.64	1302	-0.304	0.150	0.044	0.073	272.729284	-18.869551	-1236.99	-241.23
4	GUIDE	822094768	9.22	1301	0.045	0.077	0.085	0.134	273.292799	-19.669391	1756.94	1488.06
5	GUIDE	822098064	8.26	1302	0.060	0.090	0.053	0.085	273.233974	-19.745214	2018.78	1272.83
6	GUIDE	822091704	8.09	1299	-0.134	-0.122	0.063	0.098	272.220028	-18.943658	-1073.07	-1987.83
7	GUIDE	822098736	8.50	1301	0.335	-0.196	0.086	0.150	272.269355	-19.875225	2282.85	-2020.05

2.4 Star Slots

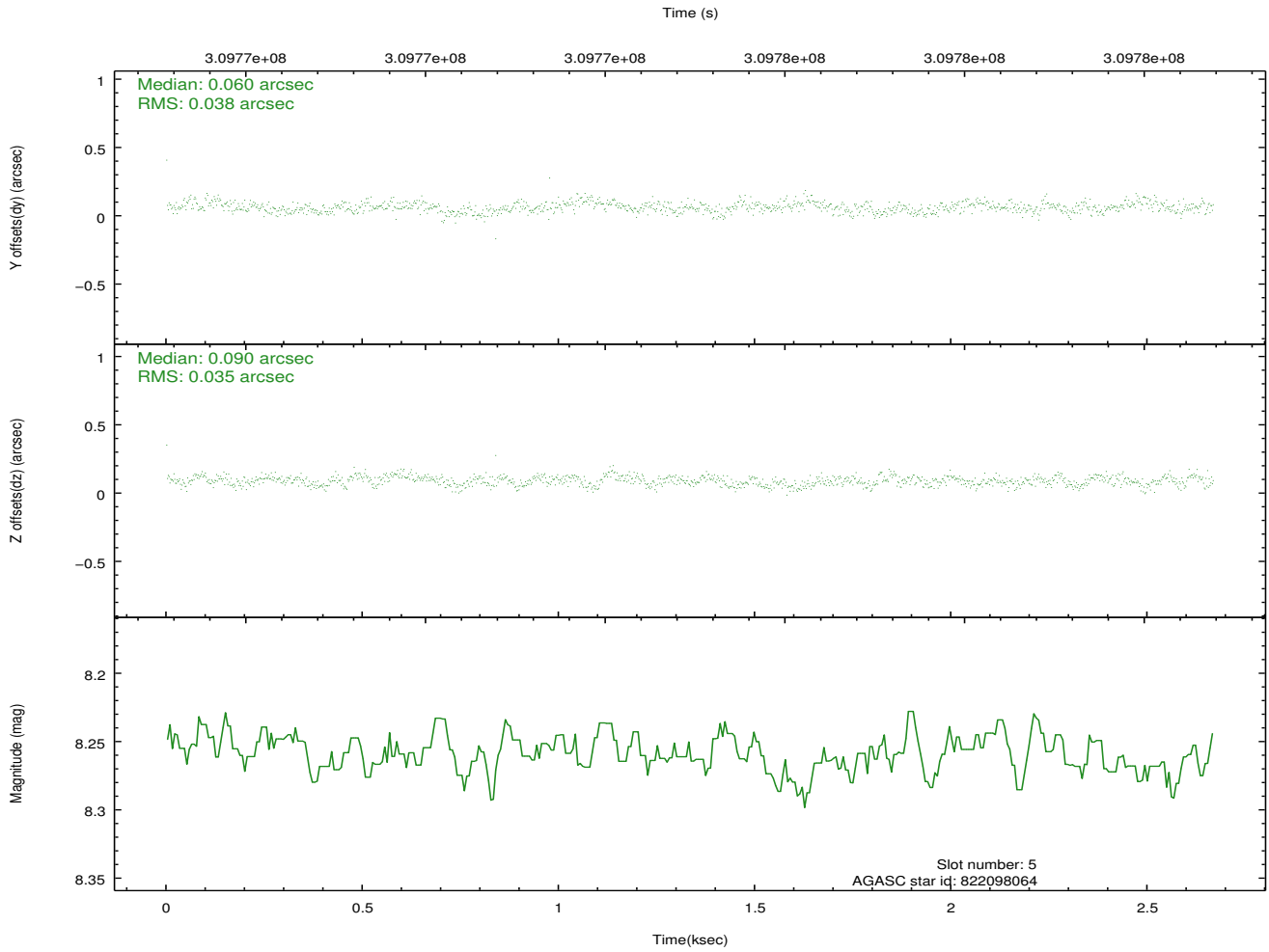
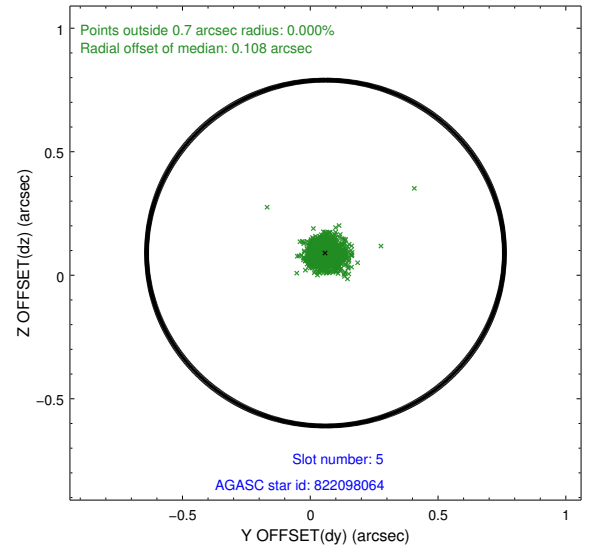
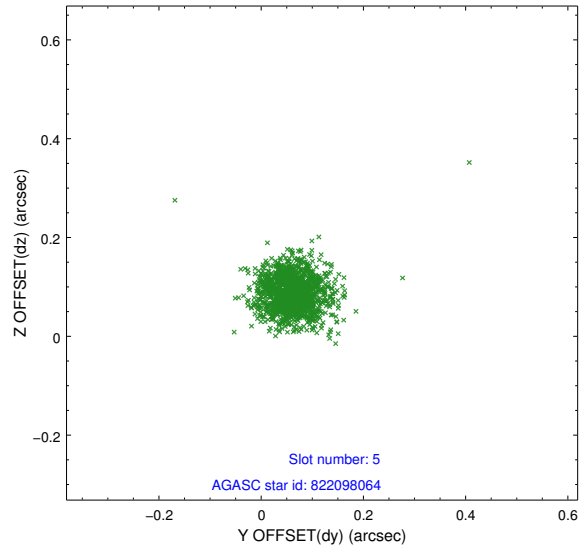
2.4.1 Slot 3



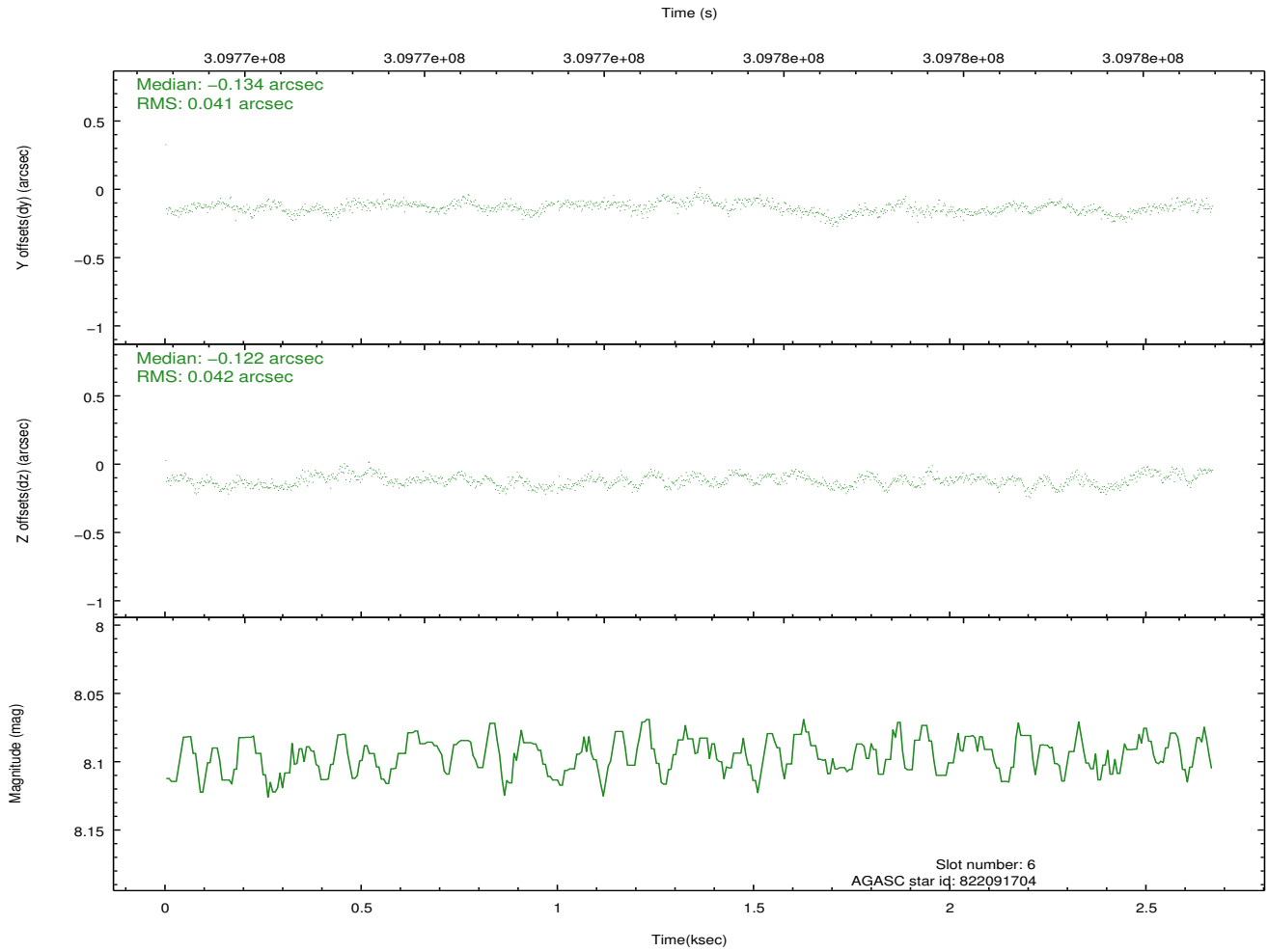
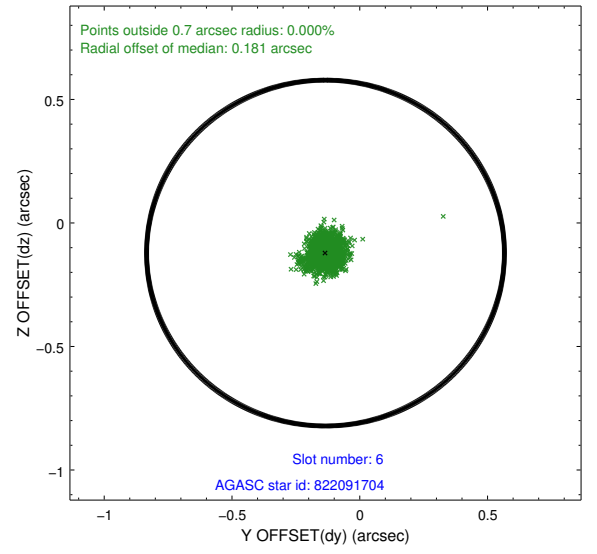
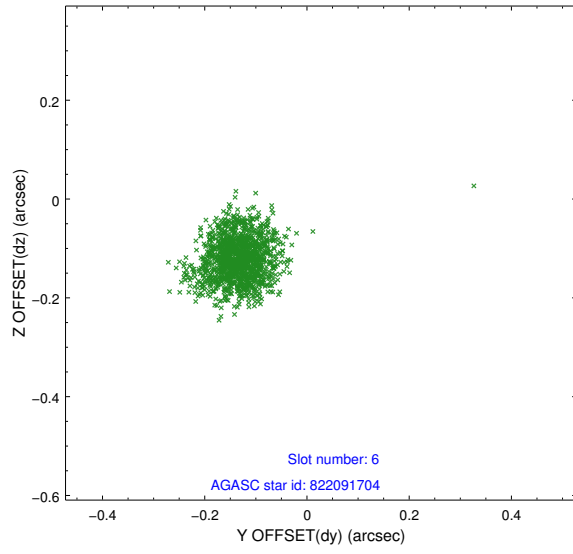
2.4.2 Slot 4



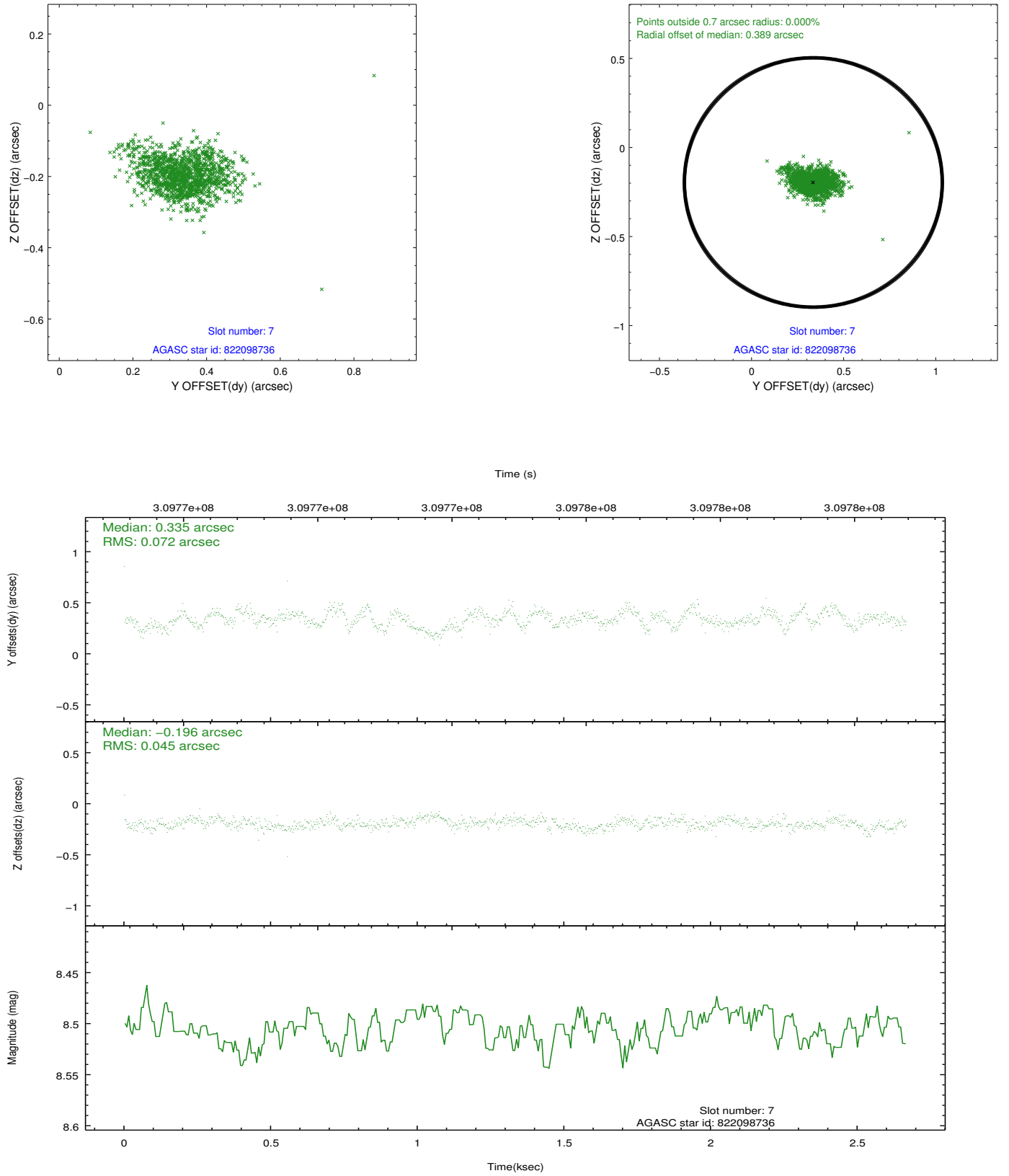
2.4.3 Slot 5



2.4.4 Slot 6

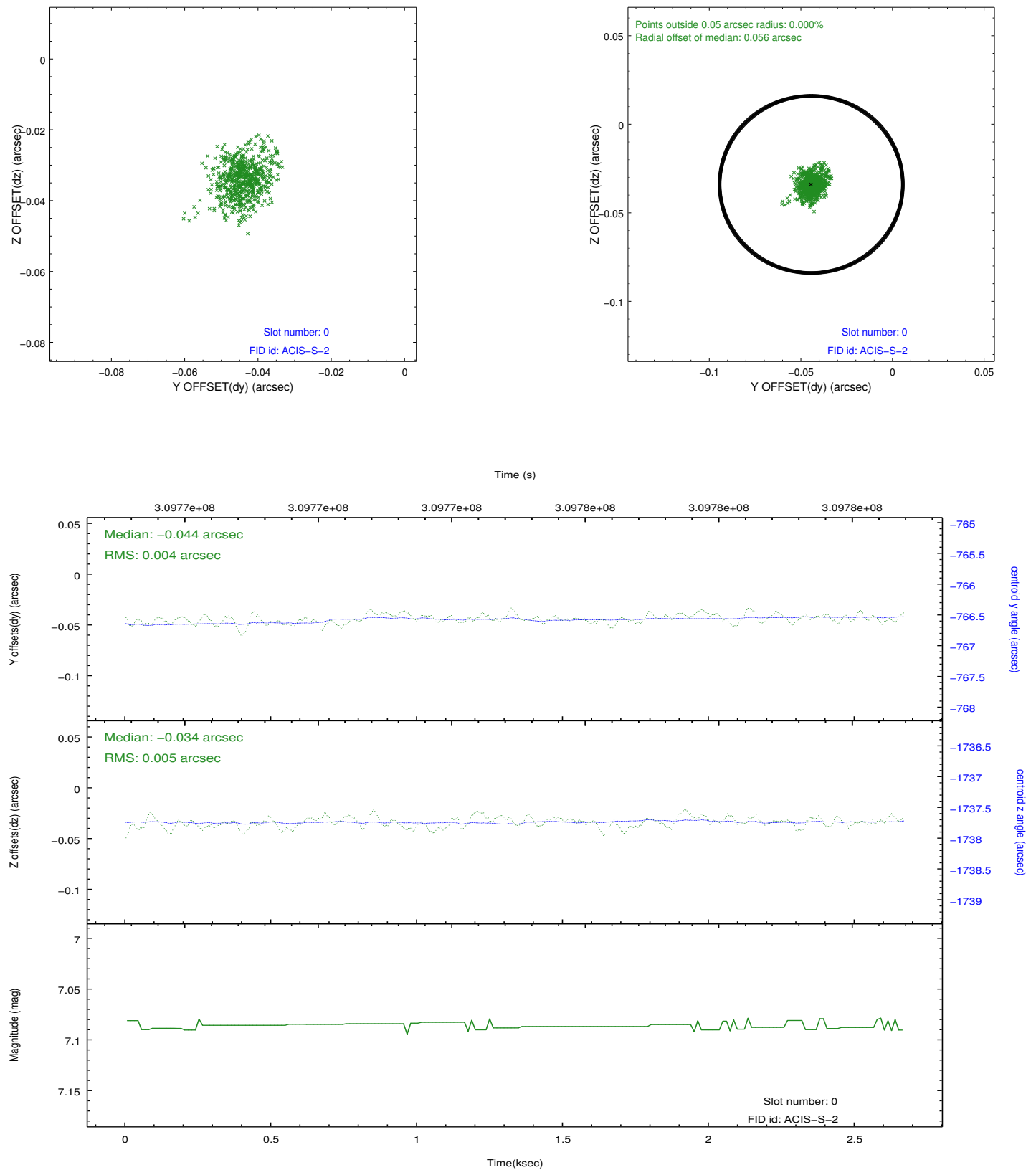


2.4.5 Slot 7

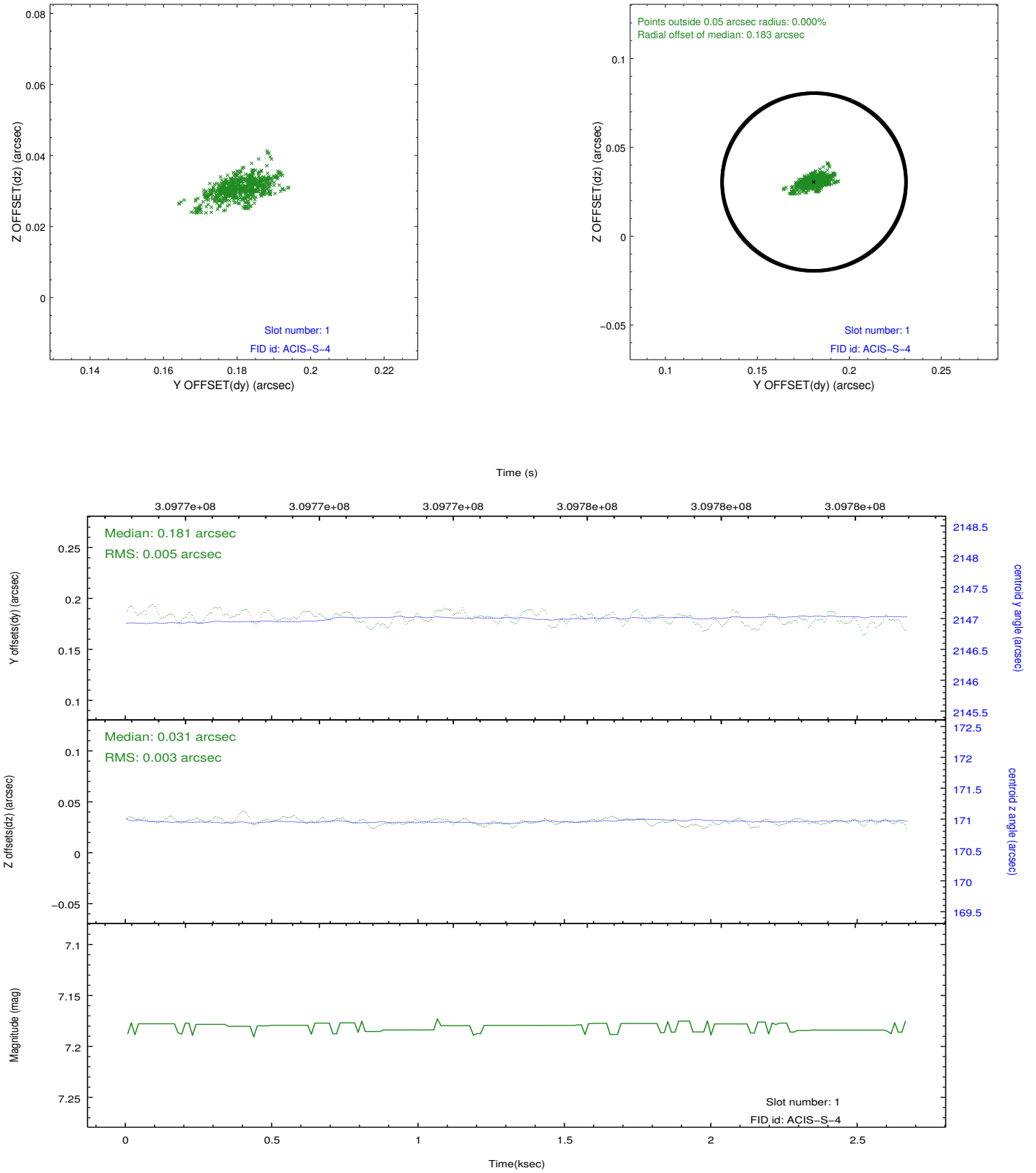


2.5 FID Slots

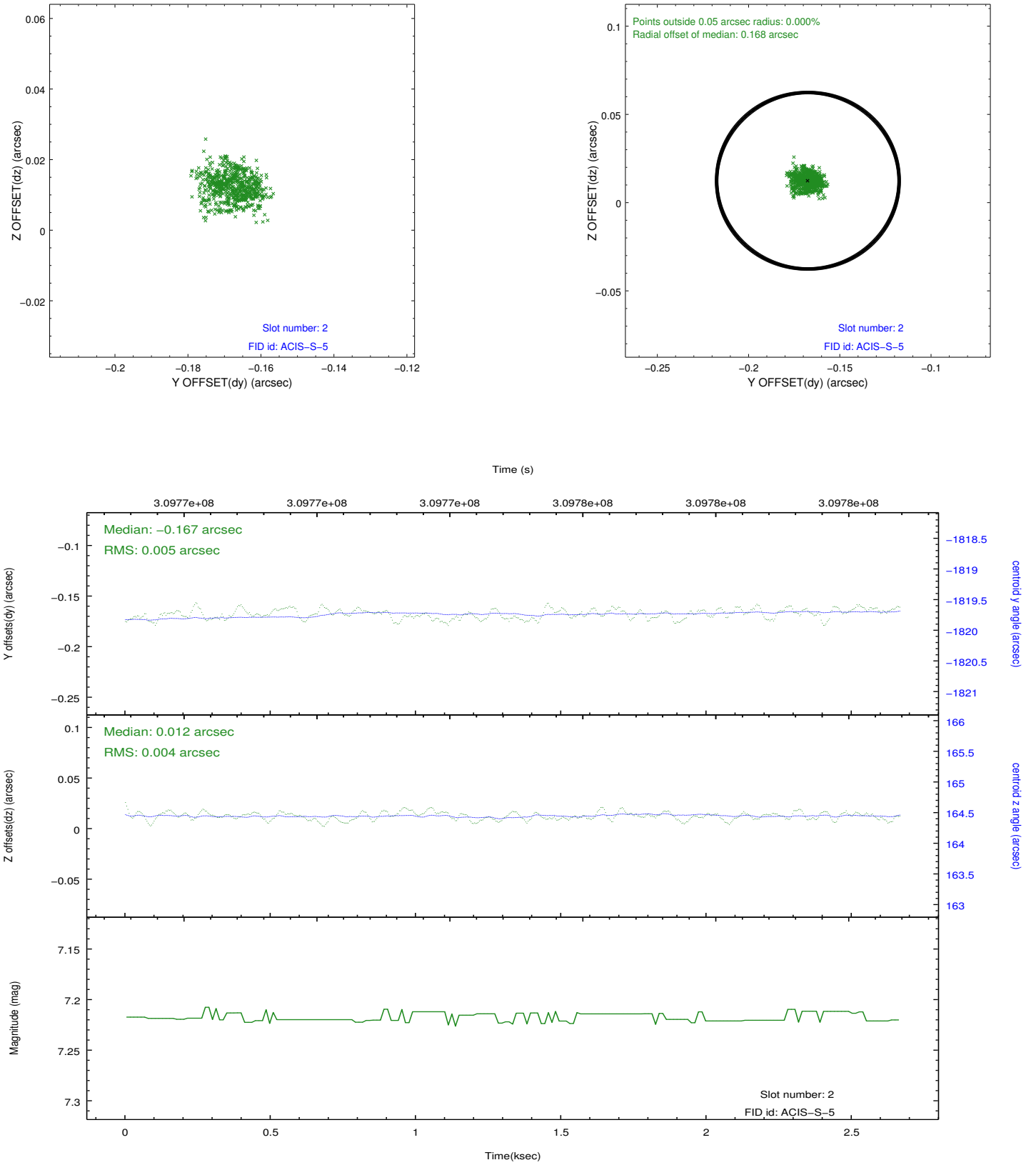
2.5.1 Slot 0



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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.23679999

A.2 Comments