

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8574 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 7 2012

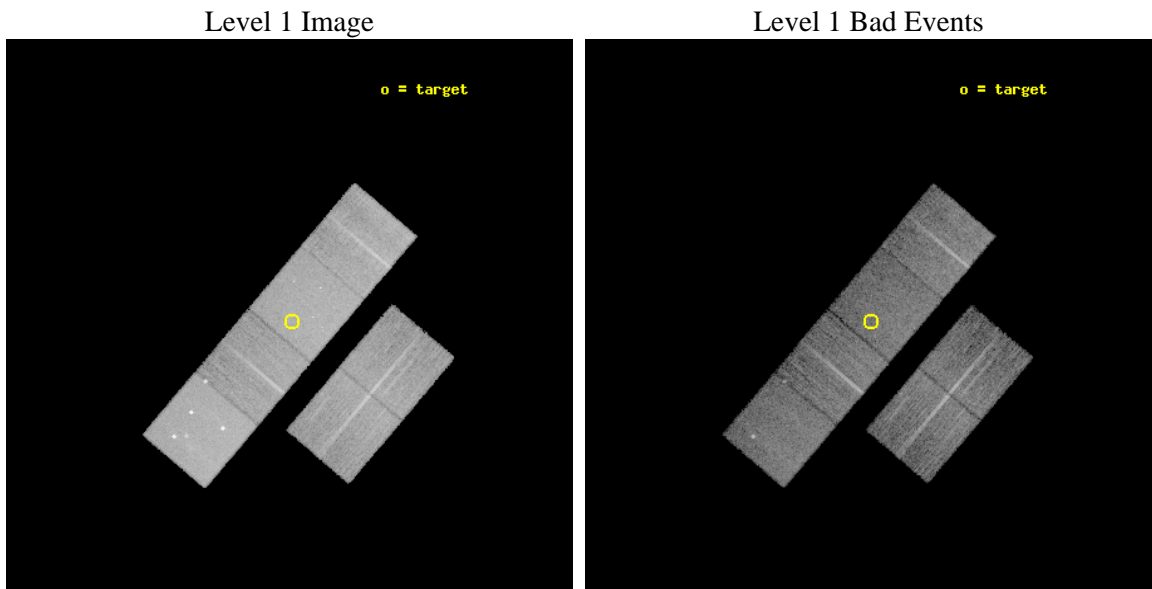
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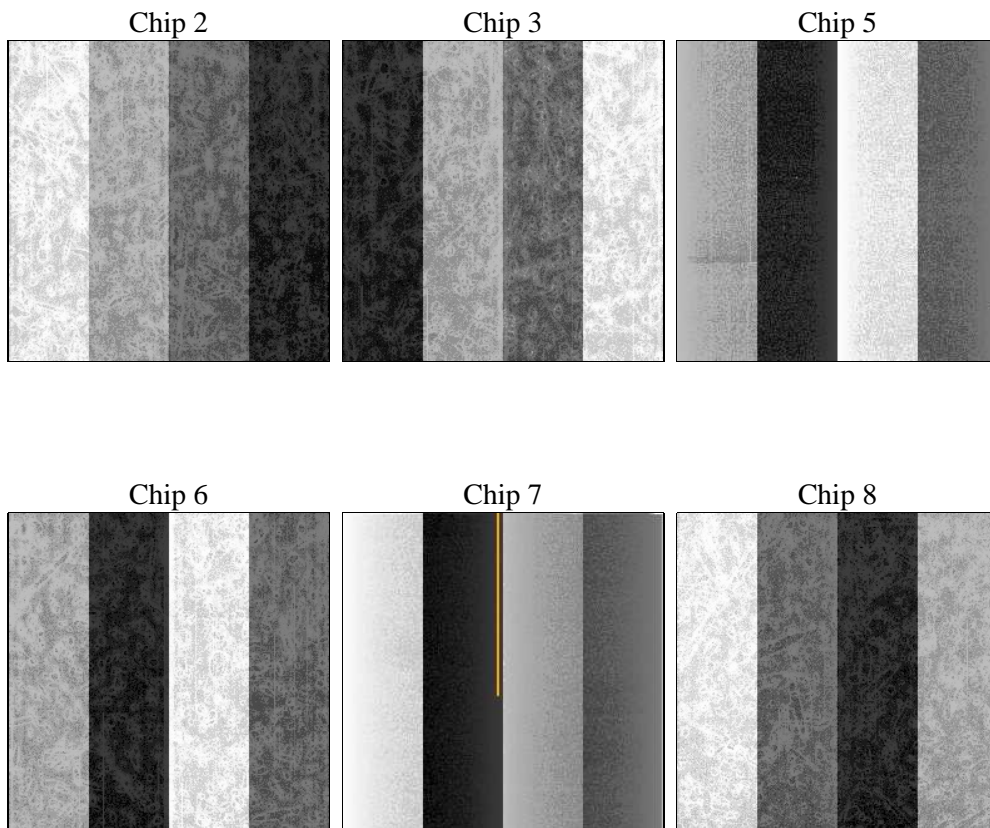
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	9753.5999637246	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	9753.5999637246	Sum of GTIs [s]
date	2012-05-07T17:18:43	Date and time of file creation	ontime3	9750.3589534163	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	9753.5999637246	Sum of GTIs [s]
			ontime6	9753.5999637246	Sum of GTIs [s]
			ontime7	9753.5999637246	Sum of GTIs [s]
			ontime8	9750.3589534163	Sum of GTIs [s]
			l1events	670409	Number of level 1 events

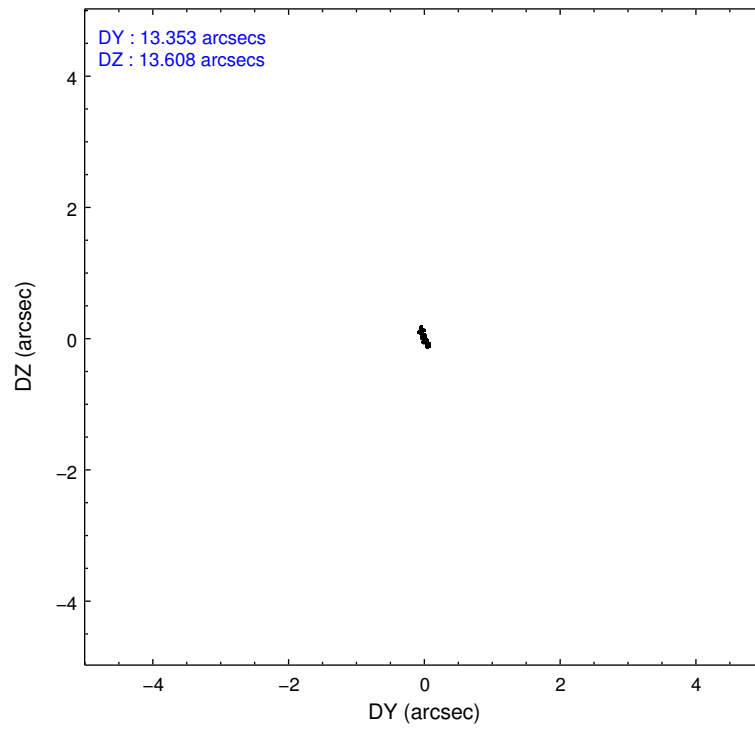
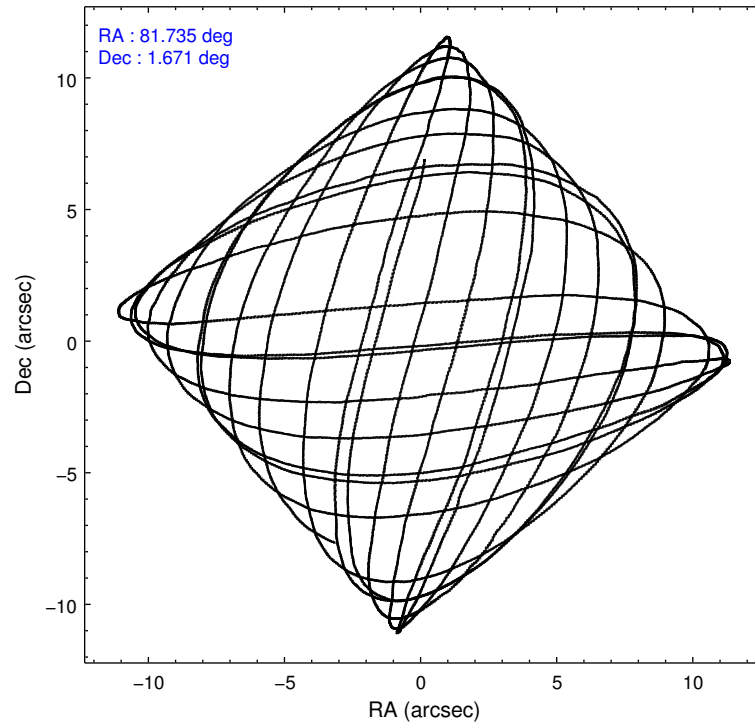
2.1.4 Events

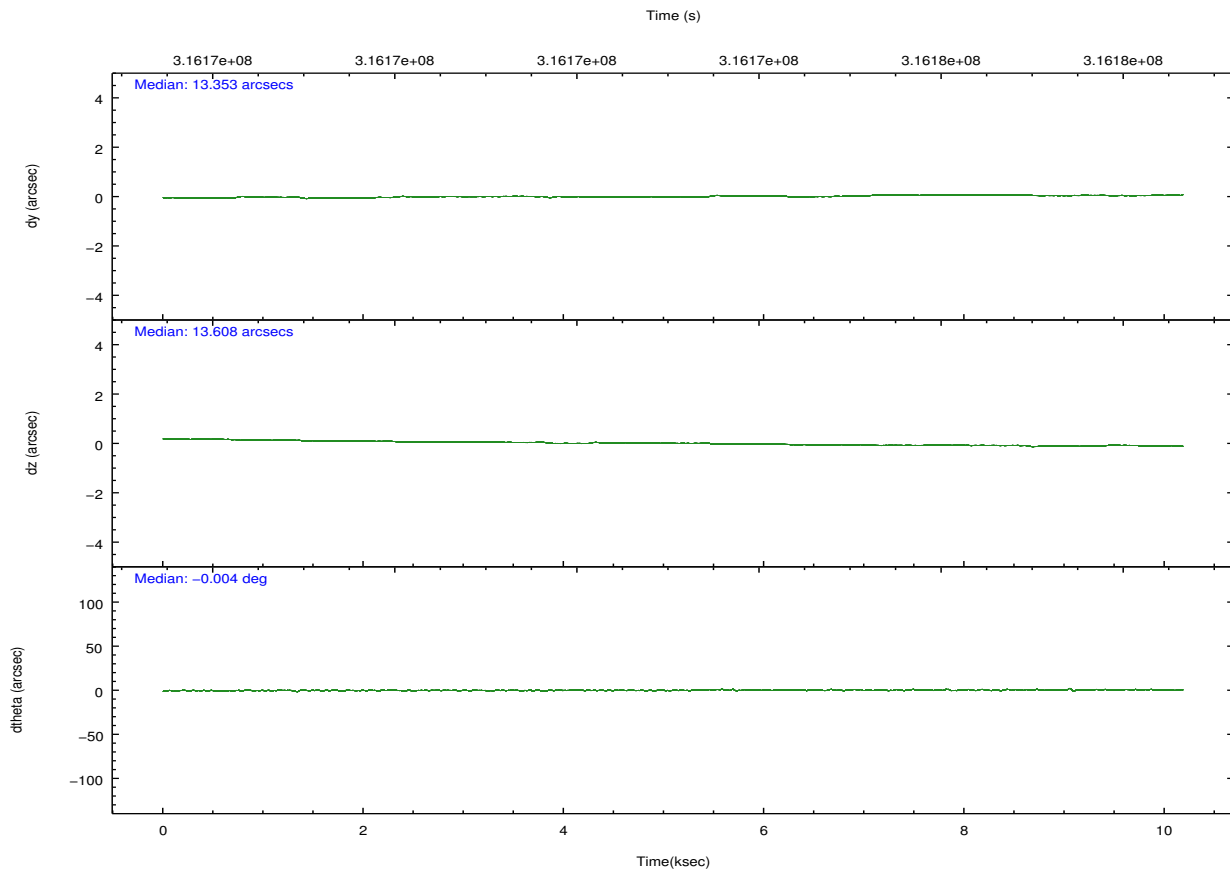
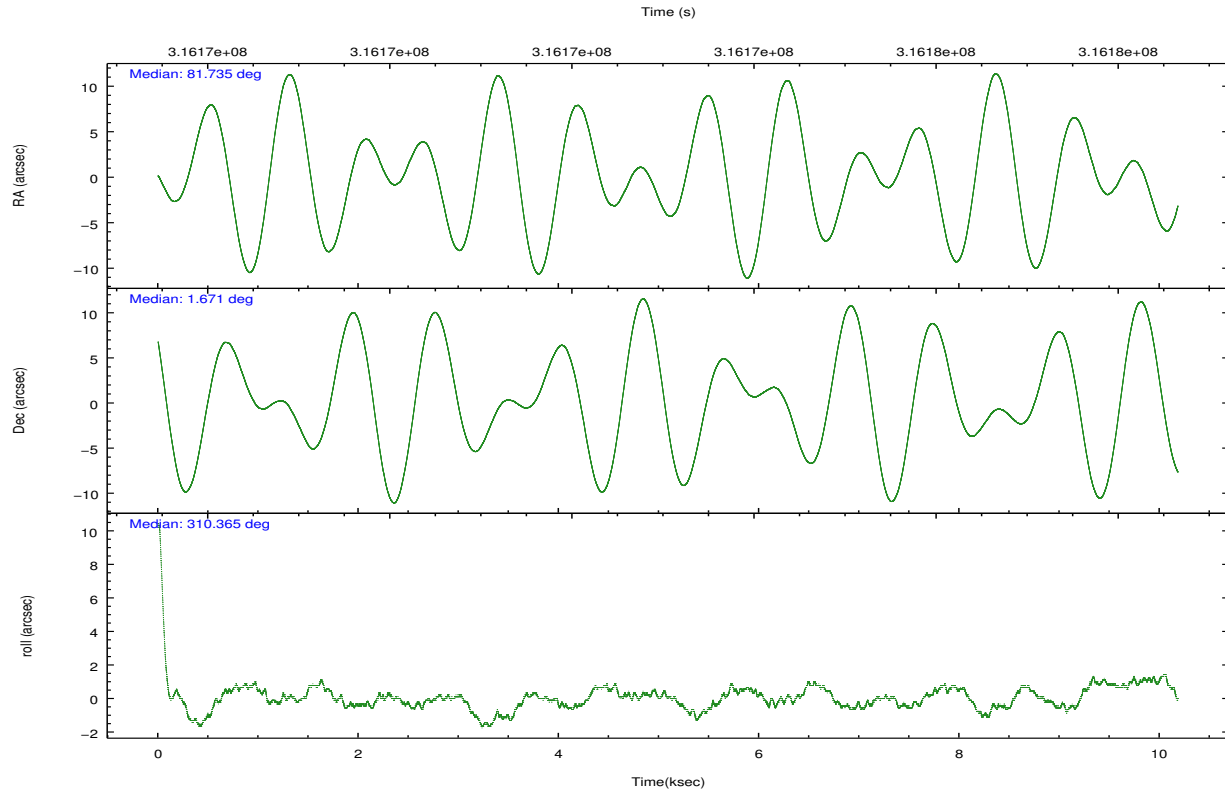
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	94371	89192	146851	92693	128159	119143	grade 0 events	5132	5620	9713	5367	4898	9435
rejected events	82775	77241	77016	80199	73609	91223		5%	6%	6%	5%	3%	7%
rejected %	87%	86%	52%	86%	57%	76%	grade 1 events	81	79	311	40	129	99
								0%	0%	0%	0%	0%	0%
							grade 2 events	2521	2265	20706	2614	11187	6156
								2%	2%	14%	2%	8%	5%
							grade 3 events	1034	1057	2307	1012	4659	2941
								1%	1%	1%	1%	3%	2%
							grade 4 events	982	1026	2167	1100	4615	2664
								1%	1%	1%	1%	3%	2%
							grade 5 events	3799	4269	9982	4303	11890	5656
								4%	4%	6%	4%	9%	4%
							grade 6 events	1934	1988	34975	2413	29212	6731
								2%	2%	23%	2%	22%	5%
							grade 7 events	78888	72888	66690	75844	61569	85461
								83%	81%	45%	81%	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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	81.709557	81.73543277883219	Subarray requested	NONE	NONE
[deg] Pointing Dec	1.680258	1.671414763127864	Alternating exposures requested	N	N
[deg] Pointing Roll	310.214234	310.3701145078506	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	316168155.184000	316167779.44614			
Observation start date	2008-01-08T08:28:10	2008-01-08T08:22:59			
[s] Observation end time (MET)	316178155.184000	316179081.09668			
Observation end date	2008-01-08T11:14:50	2008-01-08T11:31:21			
Read mode	TIMED	TIMED			

2.3 Aspect



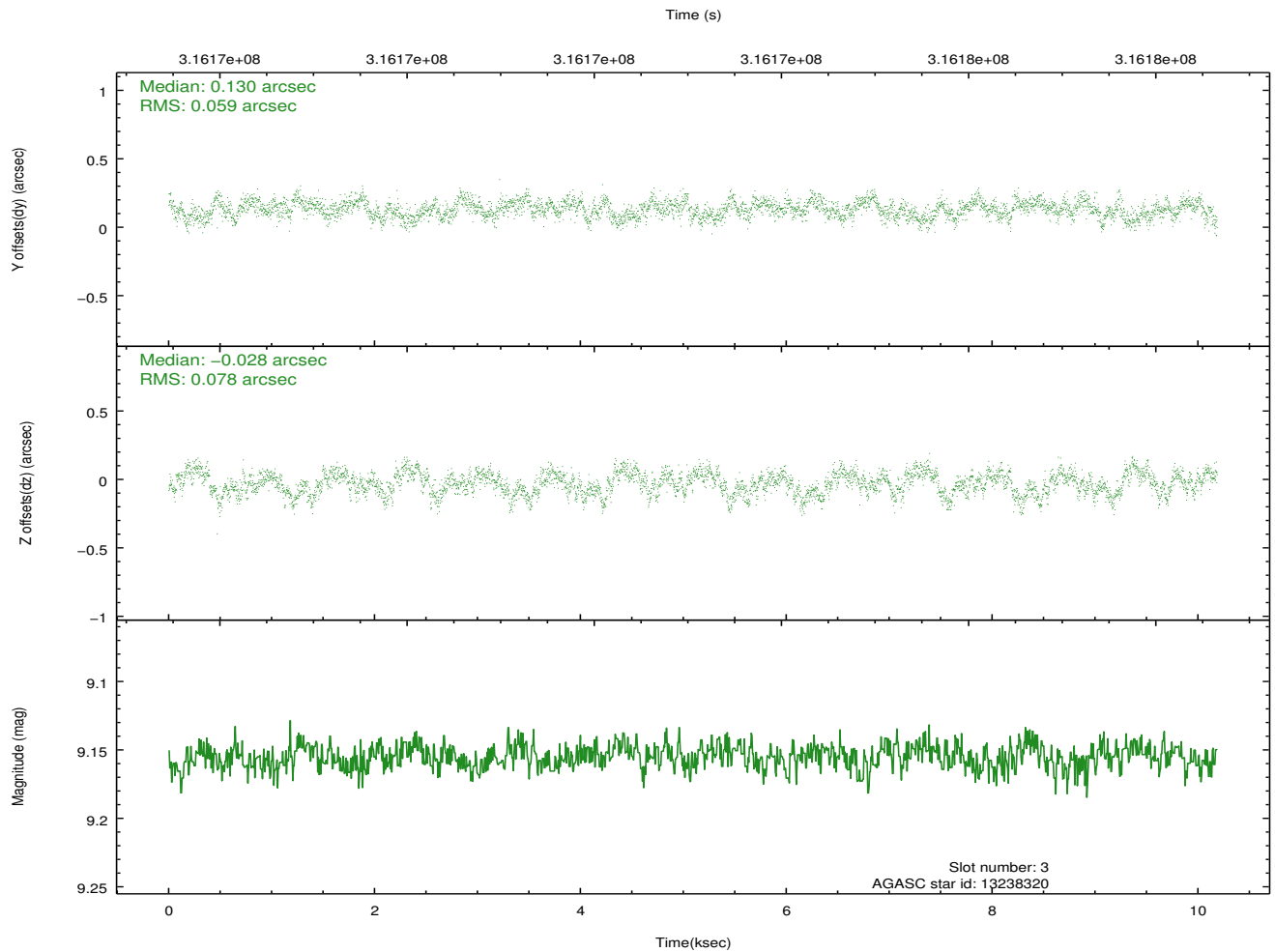
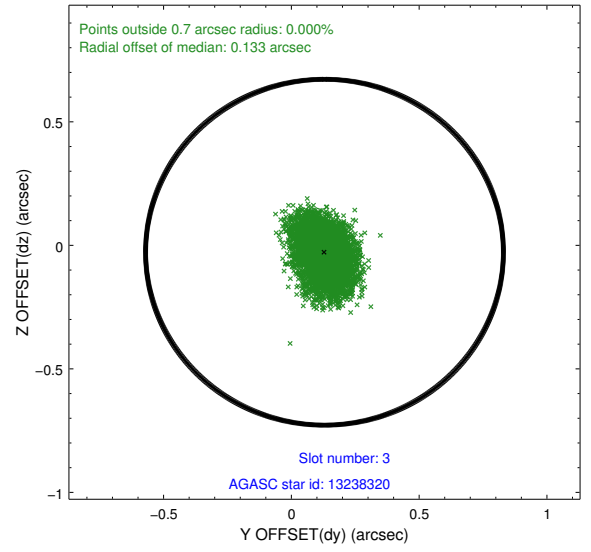
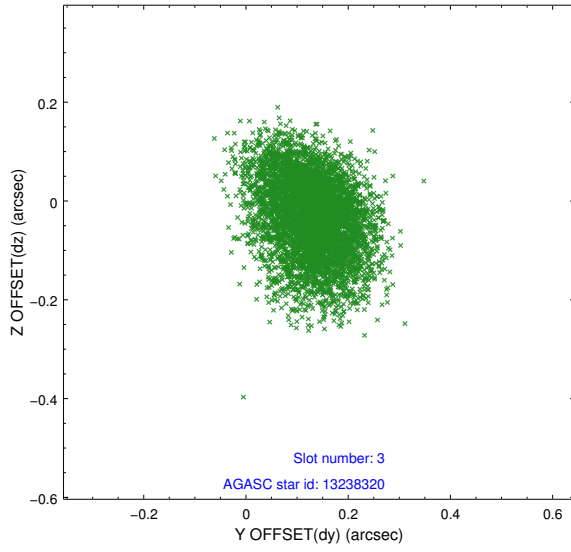


Slot Statistics

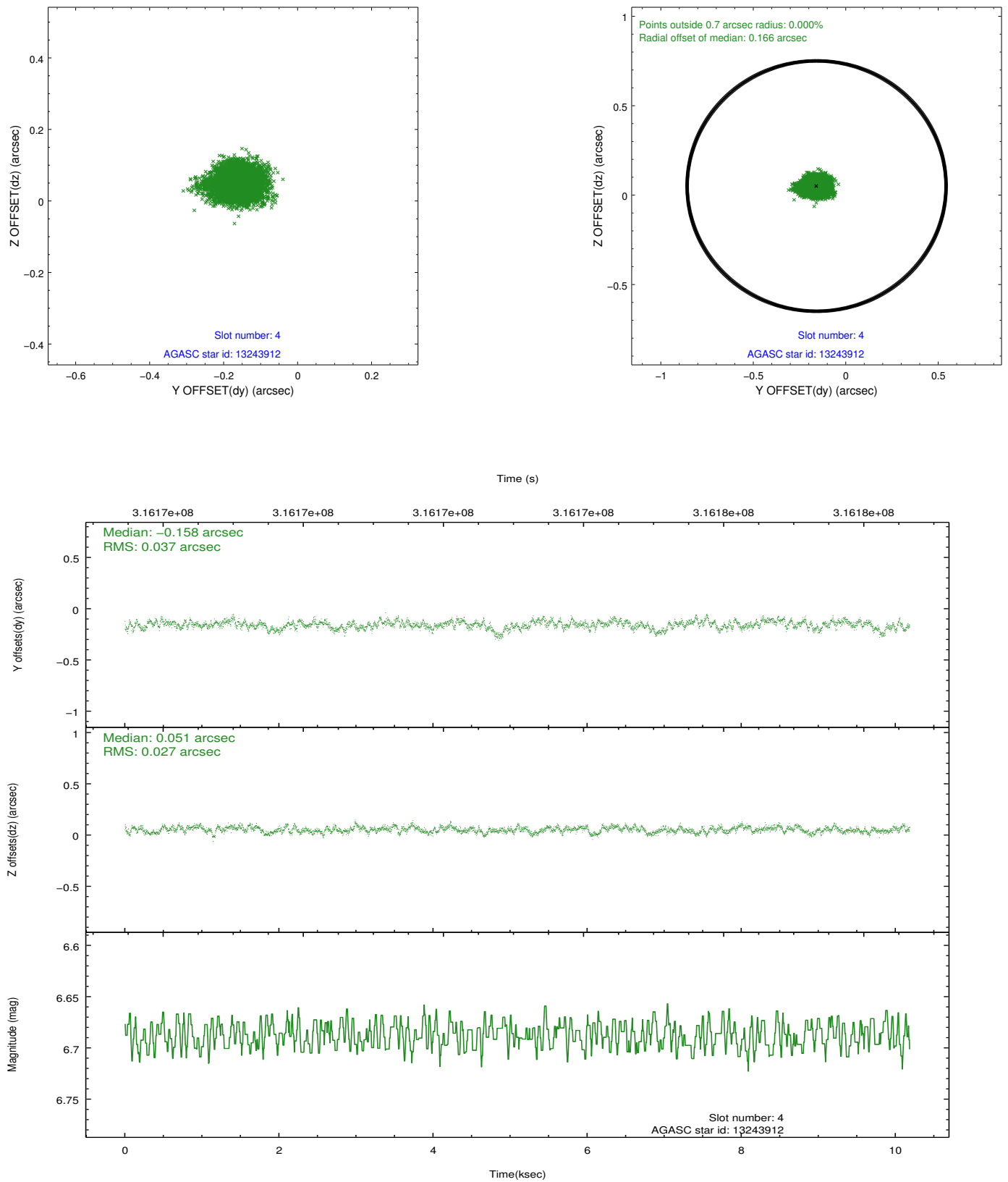
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2483	-0.037	-0.066	0.007	0.012	0.000000	0.000000	-766.32	-1735.02
1	FID	ACIS-S-4	7.19	2484	0.170	0.035	0.006	0.010	0.000000	0.000000	2146.93	173.03
2	FID	ACIS-S-5	7.23	2484	-0.164	0.039	0.007	0.012	0.000000	0.000000	-1818.62	167.29
3	GUIDE	13238320	9.16	4963	0.130	-0.028	0.104	0.170	81.132621	1.862862	-1841.91	-1160.41
4	GUIDE	13243912	6.69	4969	-0.158	0.051	0.048	0.080	81.264652	1.185597	326.00	-2372.27
5	GUIDE	13248560	8.32	4968	0.077	0.007	0.075	0.120	81.842271	1.017362	2131.44	-1175.94
6	GUIDE	13764688	9.05	4969	-0.004	0.013	0.078	0.129	81.194076	2.040530	-2187.35	-578.68
7	GUIDE	13766064	8.95	4967	-0.043	-0.041	0.087	0.138	81.700439	2.068290	-1088.07	877.01

2.4 Star Slots

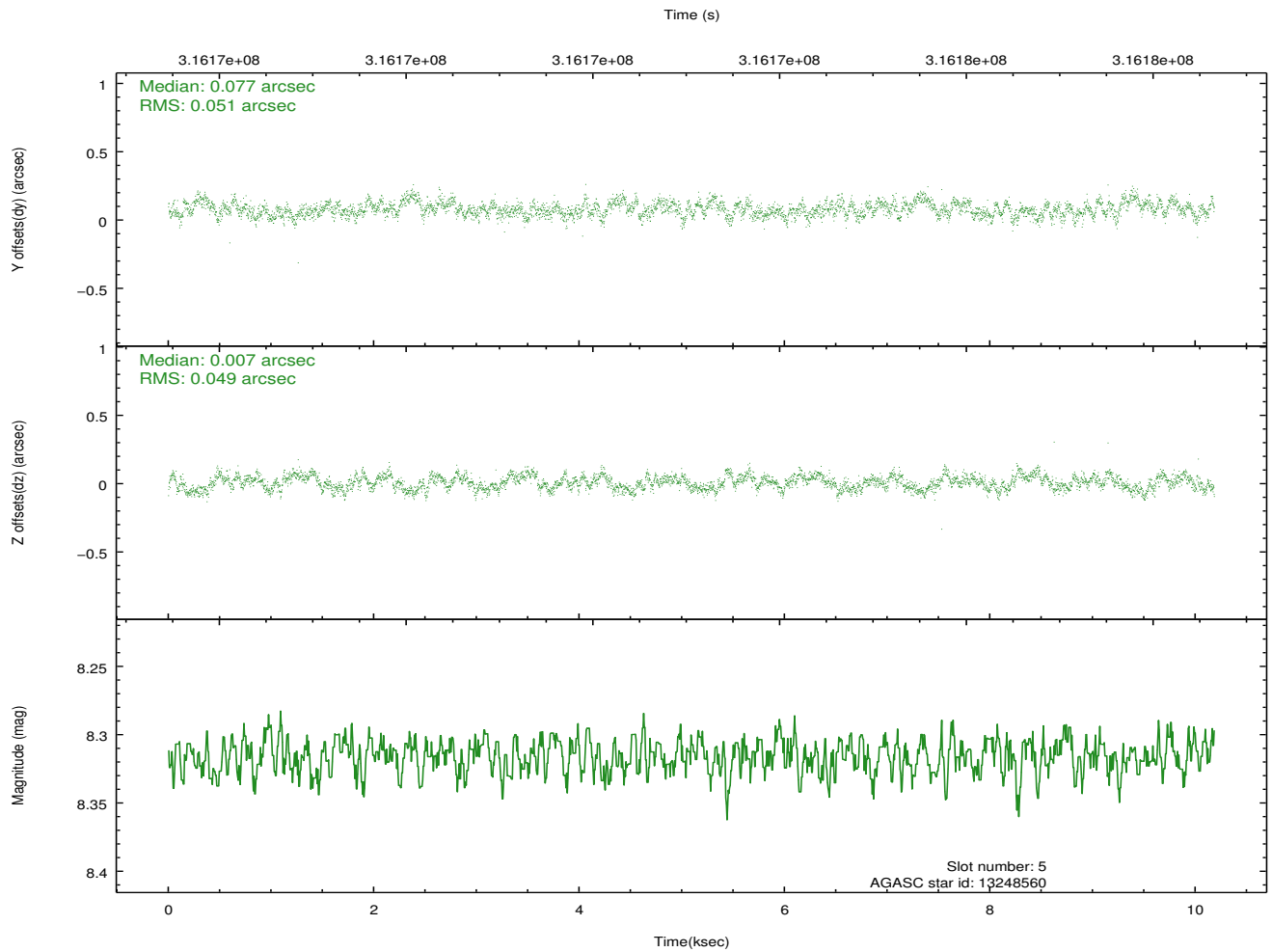
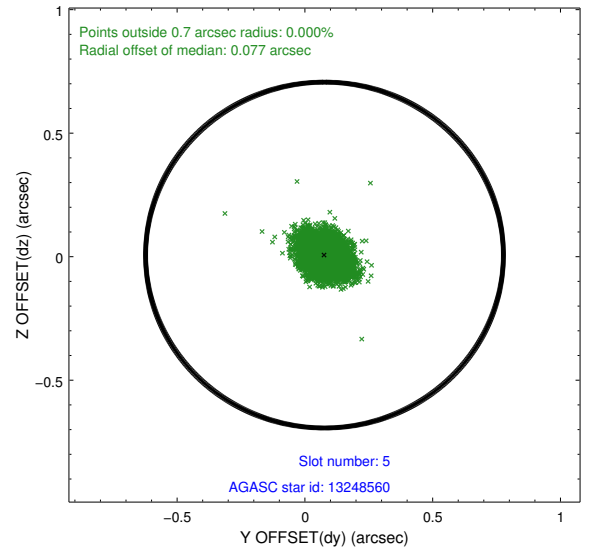
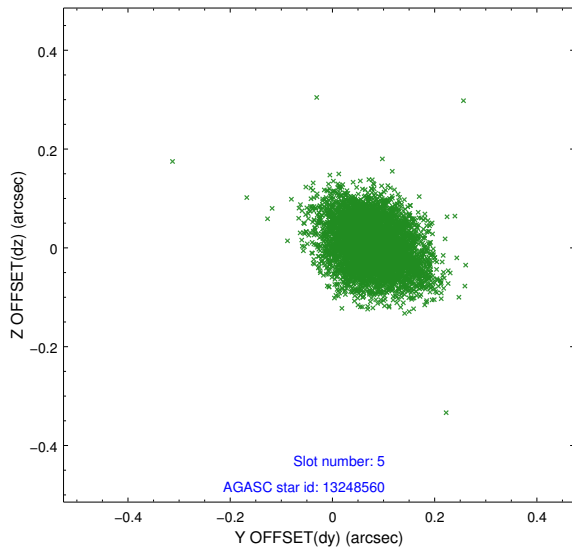
2.4.1 Slot 3



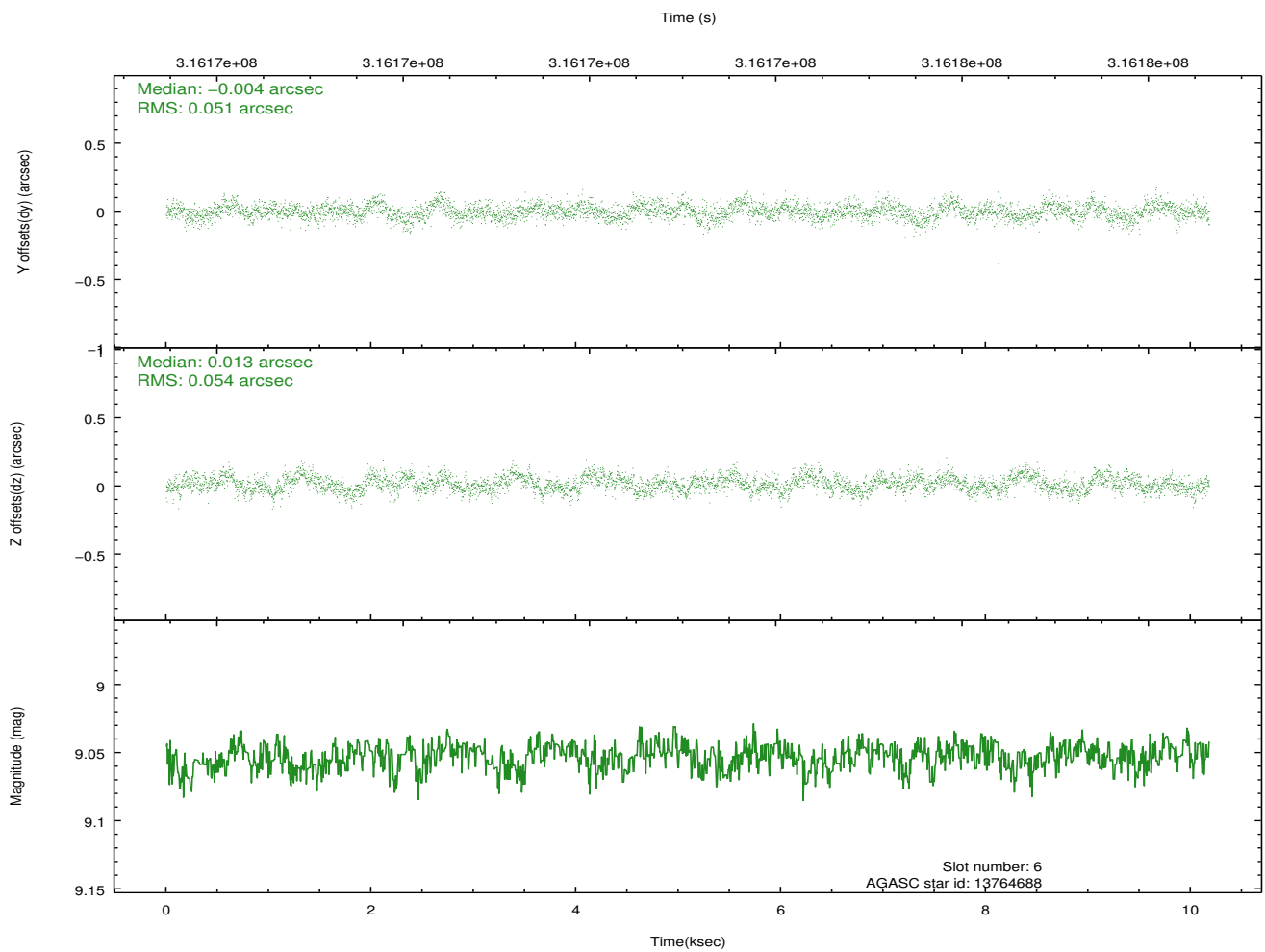
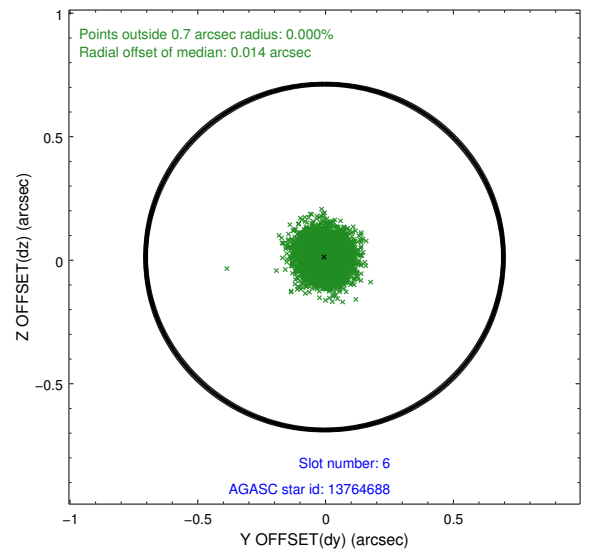
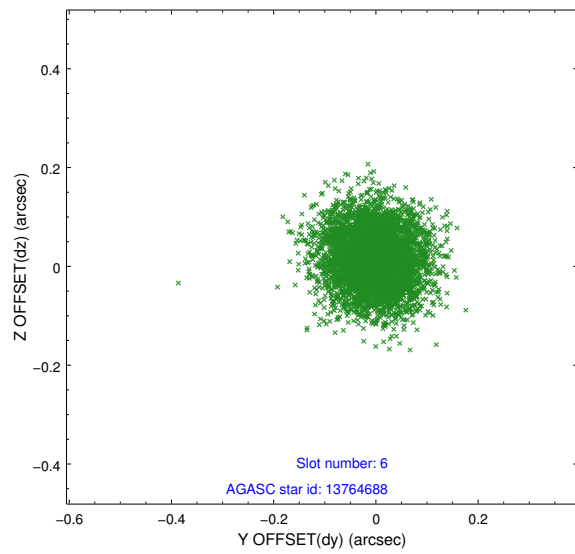
2.4.2 Slot 4



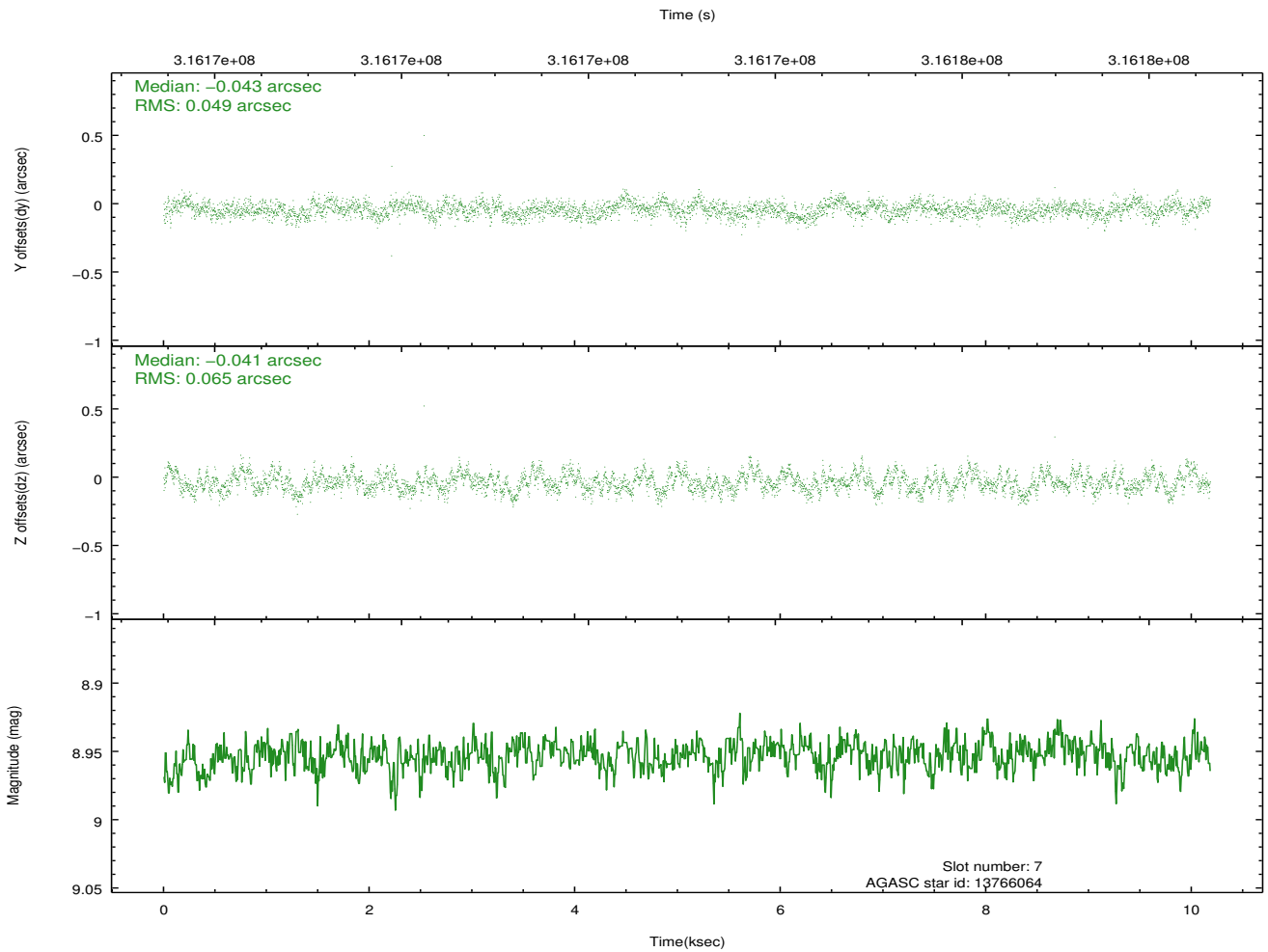
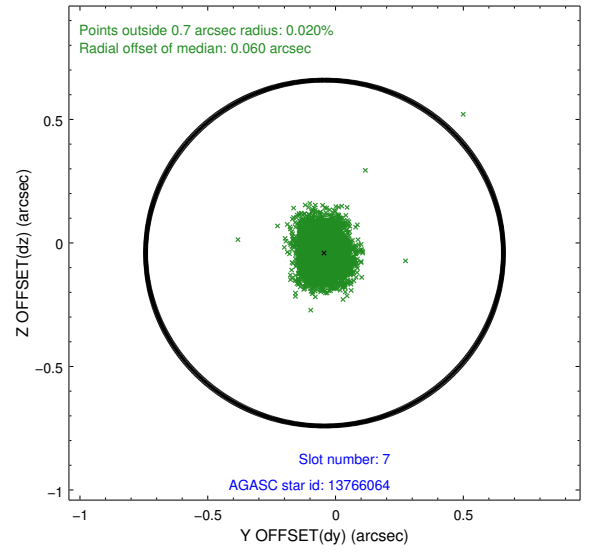
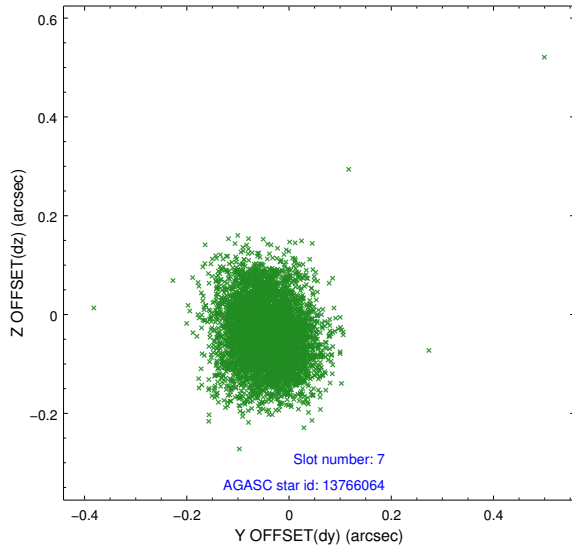
2.4.3 Slot 5



2.4.4 Slot 6

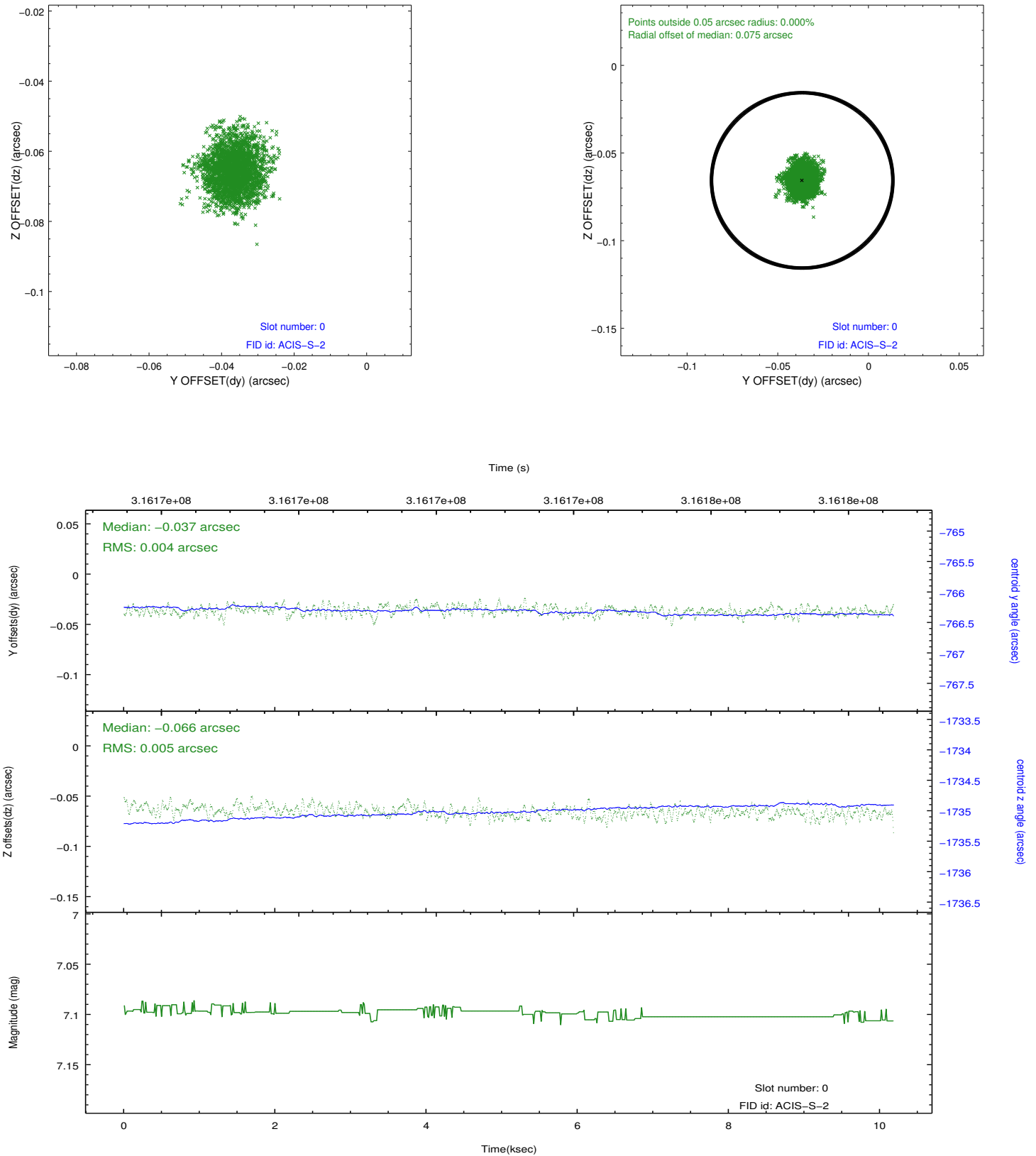


2.4.5 Slot 7

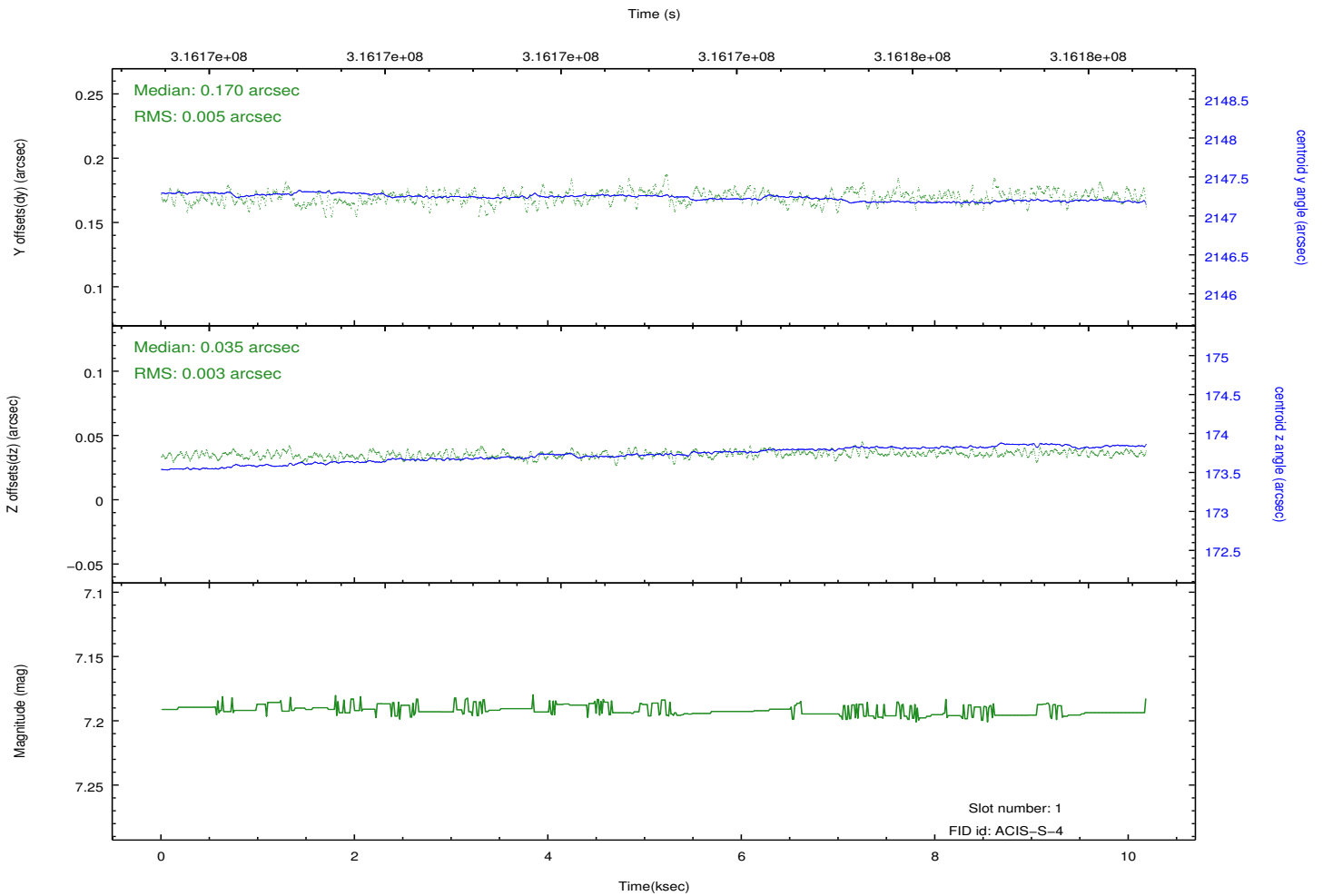
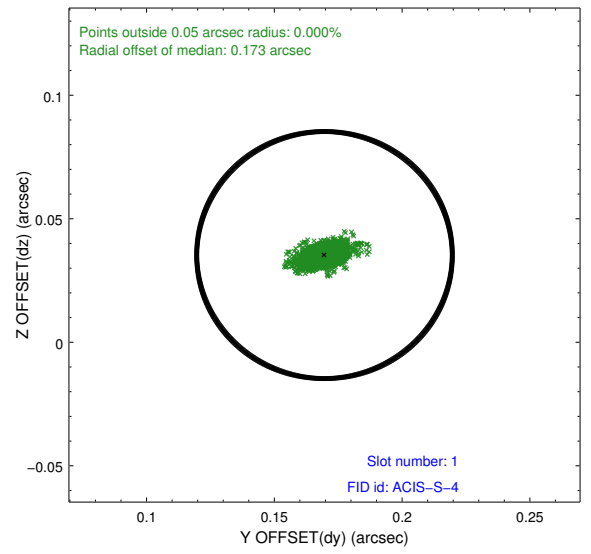
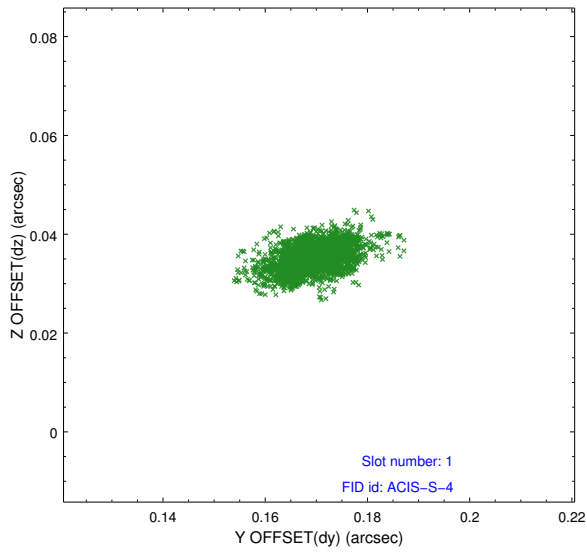


2.5 FID Slots

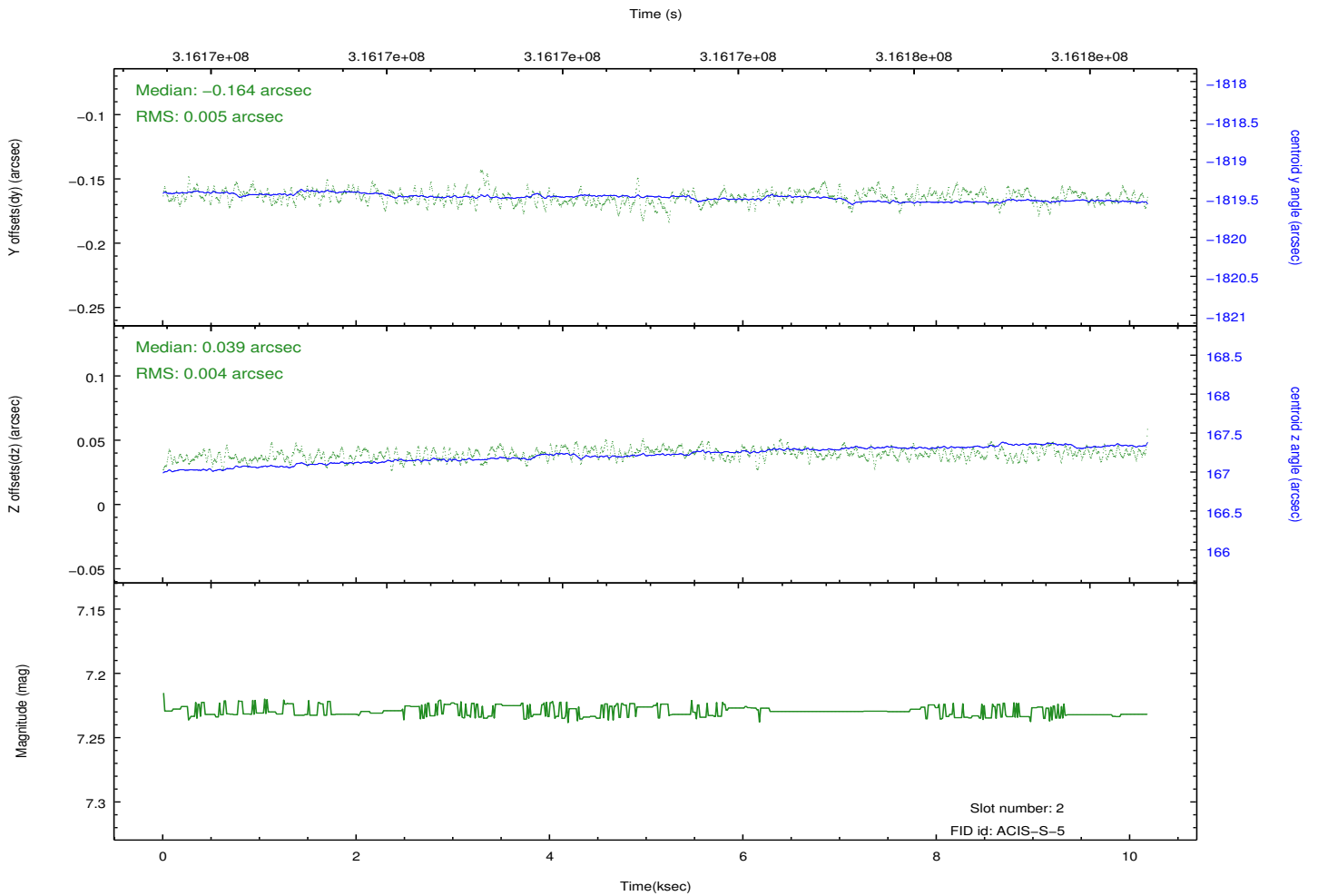
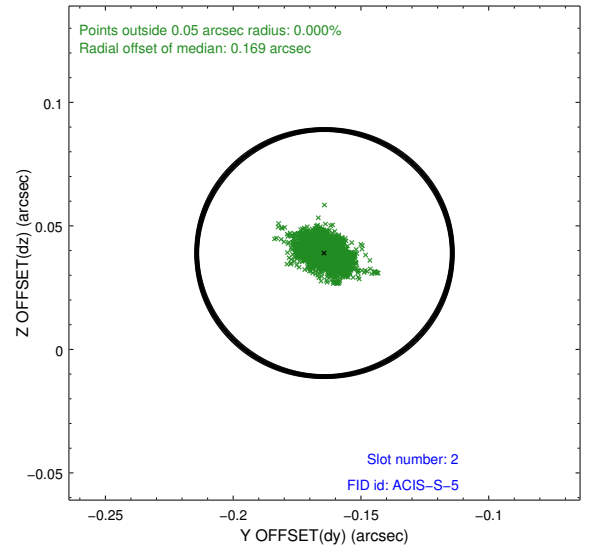
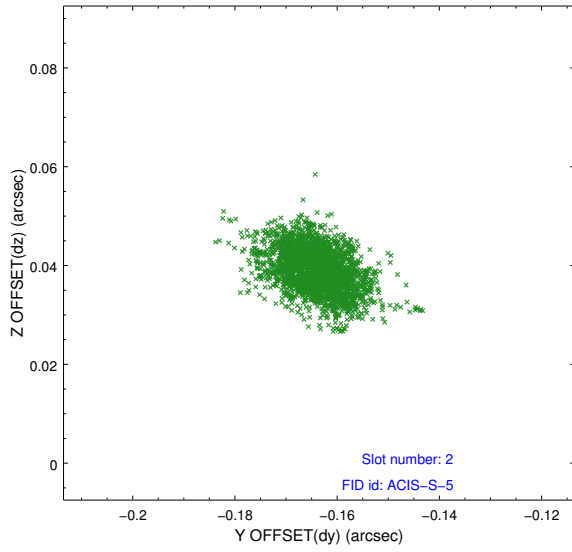
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.75359996

A.2 Comments

Joint proposal with HST.