

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7763 - L2 Version 3
Chandra X-Ray Center

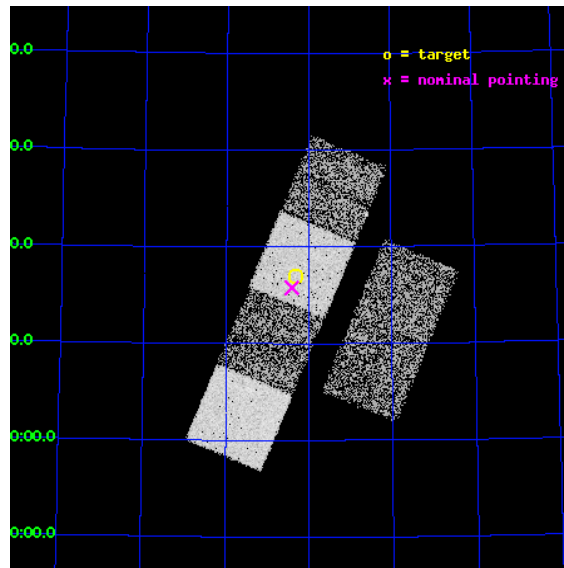
L2 Processing Date : Apr 19 2012

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1 Front

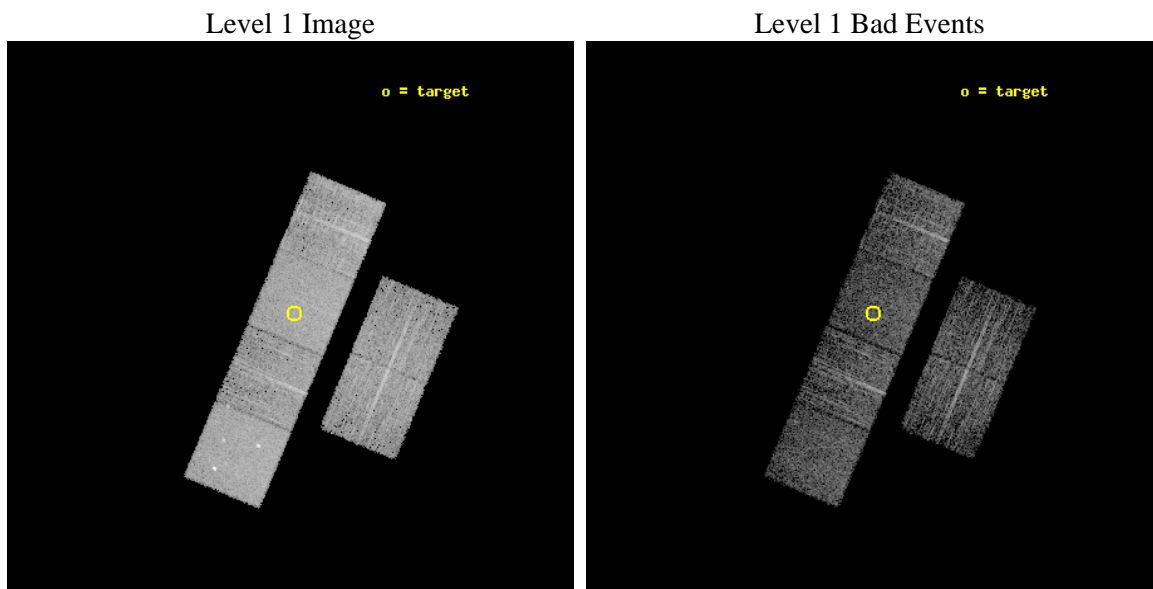
seq_num	701431	Sequence number
obs_id	7763	Observation id
title	Investigating AGN Activity in Low Surface Brightness Galaxies	Prop
observer	Dr Mousumi Das	Principal investigator
object	UGC 1378	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	29.08	Observer's specified target RA [deg]
dec_targ	73.282778	Observer's specified target Dec [deg]
ra_nom	29.103272605089	Nominal RA [deg]
dec_nom	73.262998983373	Nominal Dec [deg]
roll_nom	292.82805122195	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3451.8072363734	Sum of GTIs [s]
livetime	3408.0983747177	Livetime [s]
ontime2	3451.8482763767	Sum of GTIs [s]
ontime3	3451.6841163635	Sum of GTIs [s]
ontime5	3451.7661963701	Sum of GTIs [s]
ontime6	3451.7251563668	Sum of GTIs [s]
ontime7	3451.8072363734	Sum of GTIs [s]
ontime8	3451.6430763602	Sum of GTIs [s]
l2events	50828	Number of level 2 events



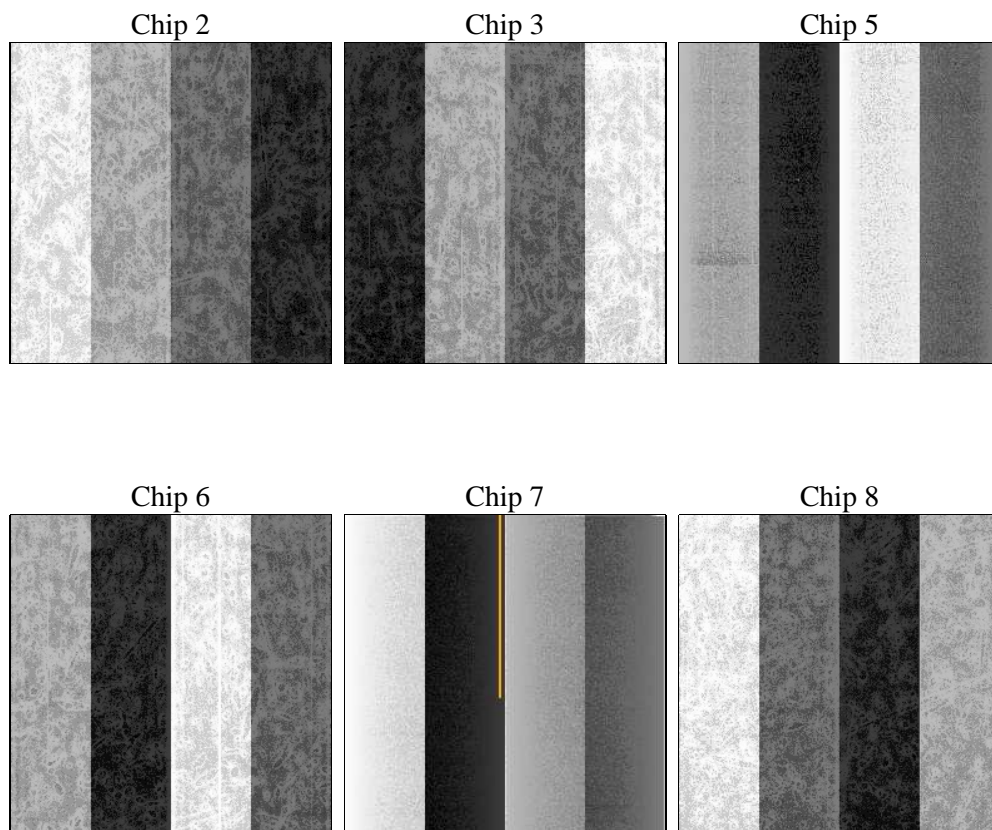
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3451.8072363734	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	3451.8482763767	Sum of GTIs [s]
date	2012-04-19T14:07:52	Date and time of file creation	ontime3	3451.6841163635	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	3451.7661963701	Sum of GTIs [s]
			ontime6	3451.7251563668	Sum of GTIs [s]
			ontime7	3451.8072363734	Sum of GTIs [s]
			ontime8	3451.6430763602	Sum of GTIs [s]
			l1events	225763	Number of level 1 events

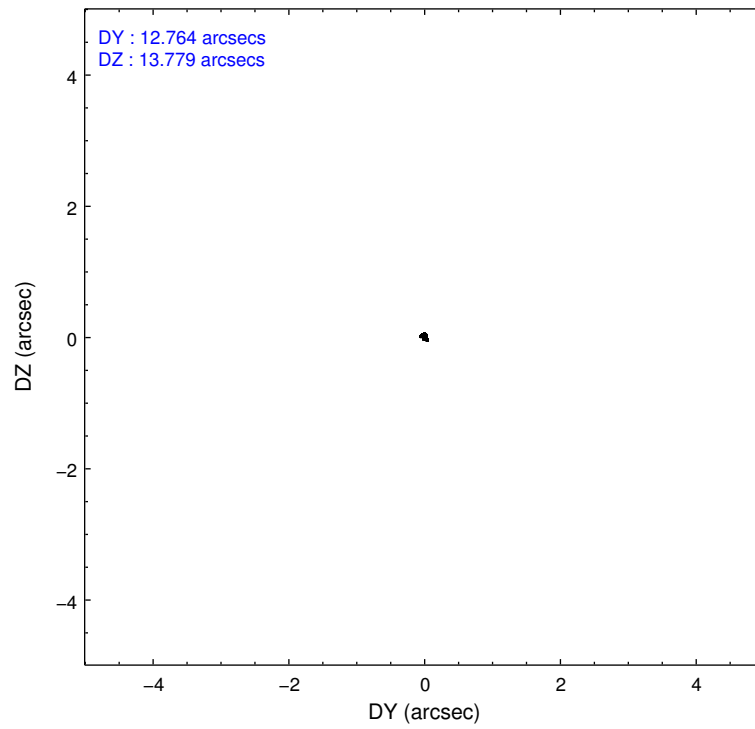
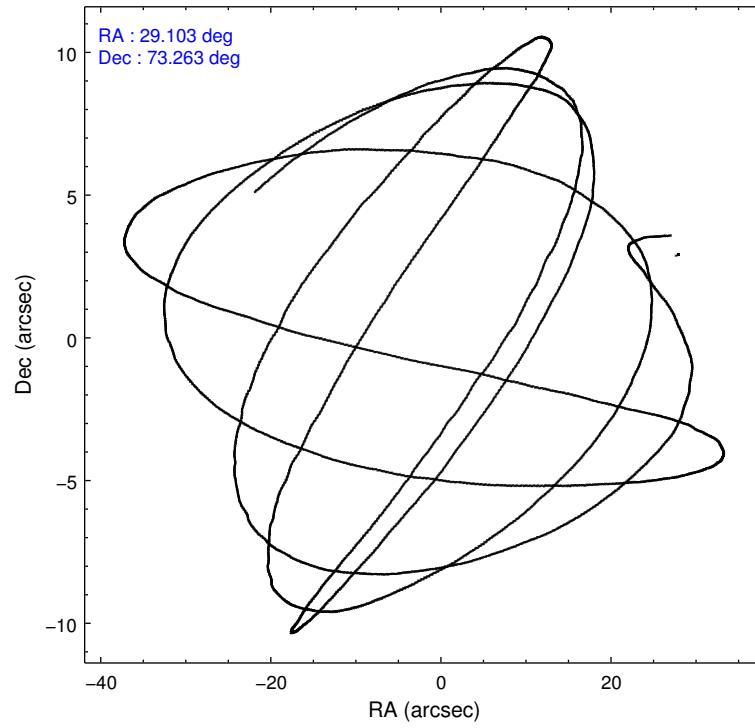
2.1.4 Events

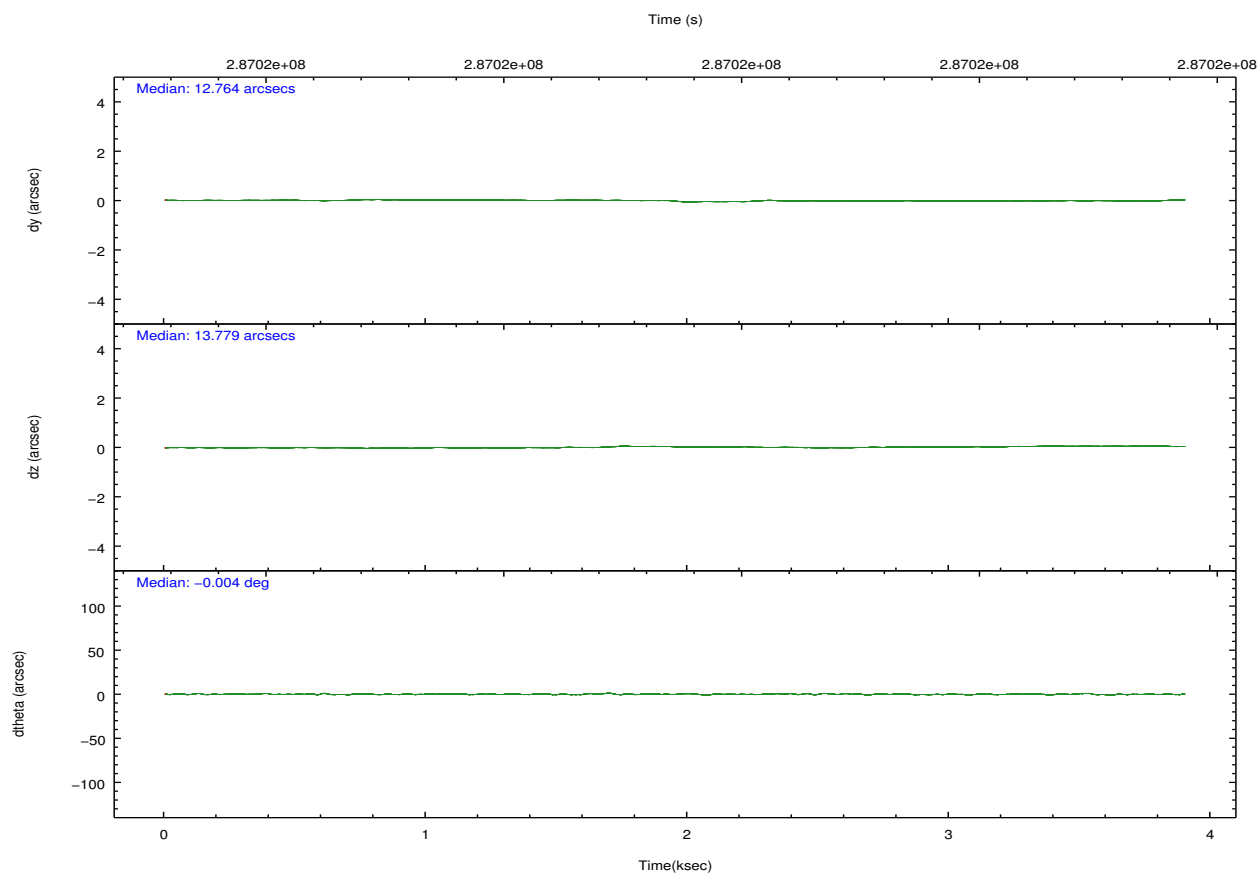
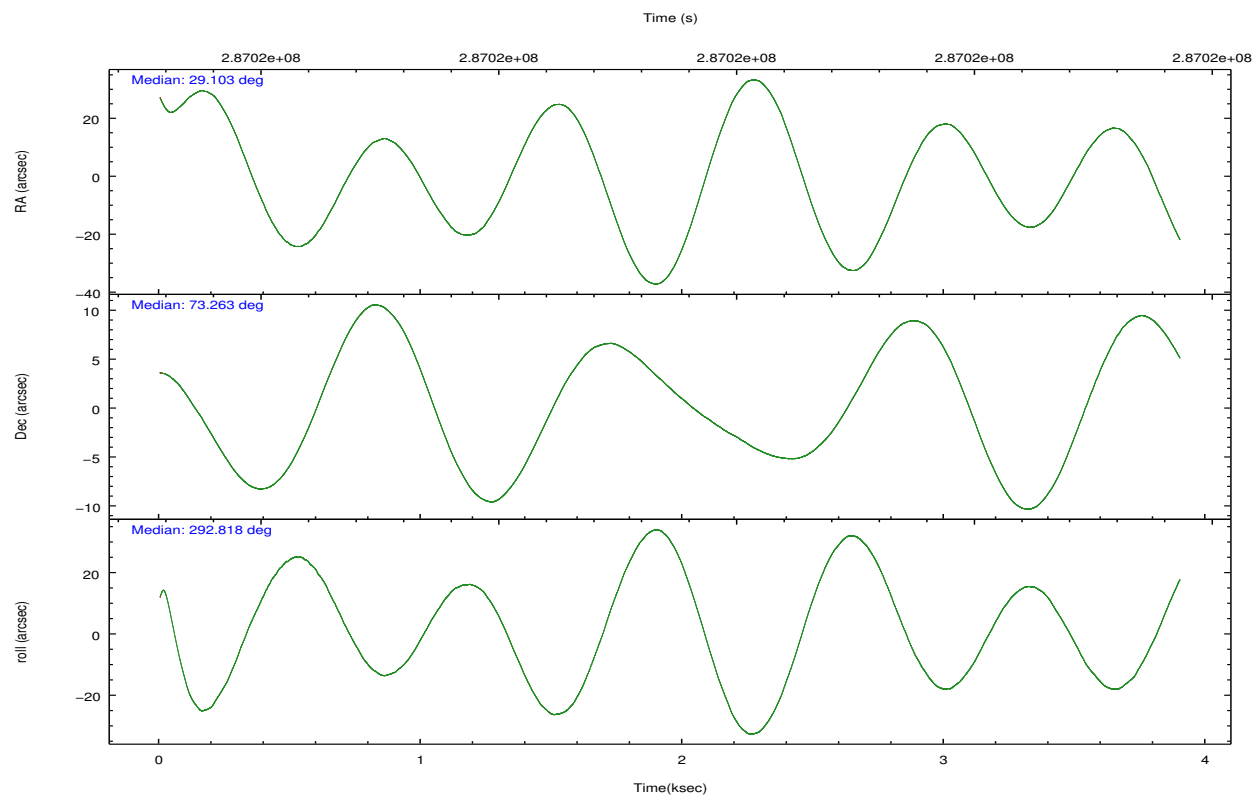
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	31045	29716	48347	32585	42978	41092	grade 0 events	1612	1593	2439	1407	1551	2968
rejected events	27367	26094	25565	28947	25267	31573		5%	5%	5%	4%	3%	7%
rejected %	88%	87%	52%	88%	58%	76%	grade 1 events	21	18	104	18	48	31
								0%	0%	0%	0%	0%	0%
							grade 2 events	805	644	7285	770	3609	2143
								2%	2%	15%	2%	8%	5%
							grade 3 events	334	356	776	355	1533	978
								1%	1%	1%	1%	3%	2%
							grade 4 events	334	342	760	350	1503	918
								1%	1%	1%	1%	3%	2%
							grade 5 events	1199	1420	3440	1483	4041	1977
								3%	4%	7%	4%	9%	4%
							grade 6 events	596	689	11565	762	9551	2552
								1%	2%	23%	2%	22%	6%
							grade 7 events	26144	24654	21978	27440	21142	29525
								84%	82%	45%	84%	49%	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	29.026176	29.10327260508896	CCD I2 on	O1	Y
[deg] Pointing Dec	73.279195	73.26299898337284	CCD I3 on	O2	Y
[deg] Pointing Roll	292.745136	292.828051221949	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	Y	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	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	Y	Y
[s] Observation start time (MET)	287017173.184000	287016106.6732	CCD S5 on	N	N
Observation start date	2007-02-04T22:58:28	2007-02-04T22:41:46	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	287020673.184000	287022098.82349	On-chip summing requested	N	N
Observation end date	2007-02-04T23:56:48	2007-02-05T00:21:38	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



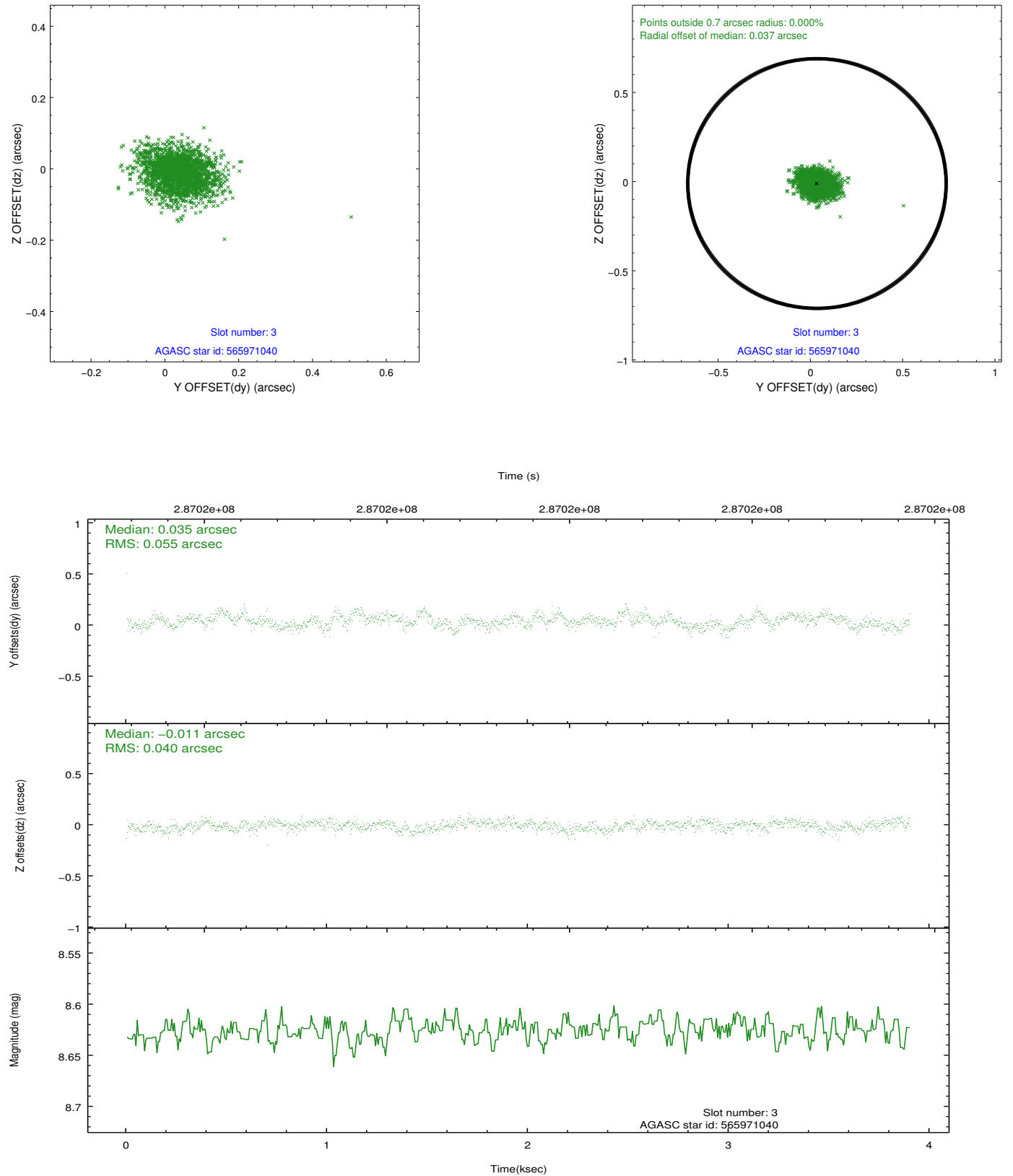


Slot Statistics

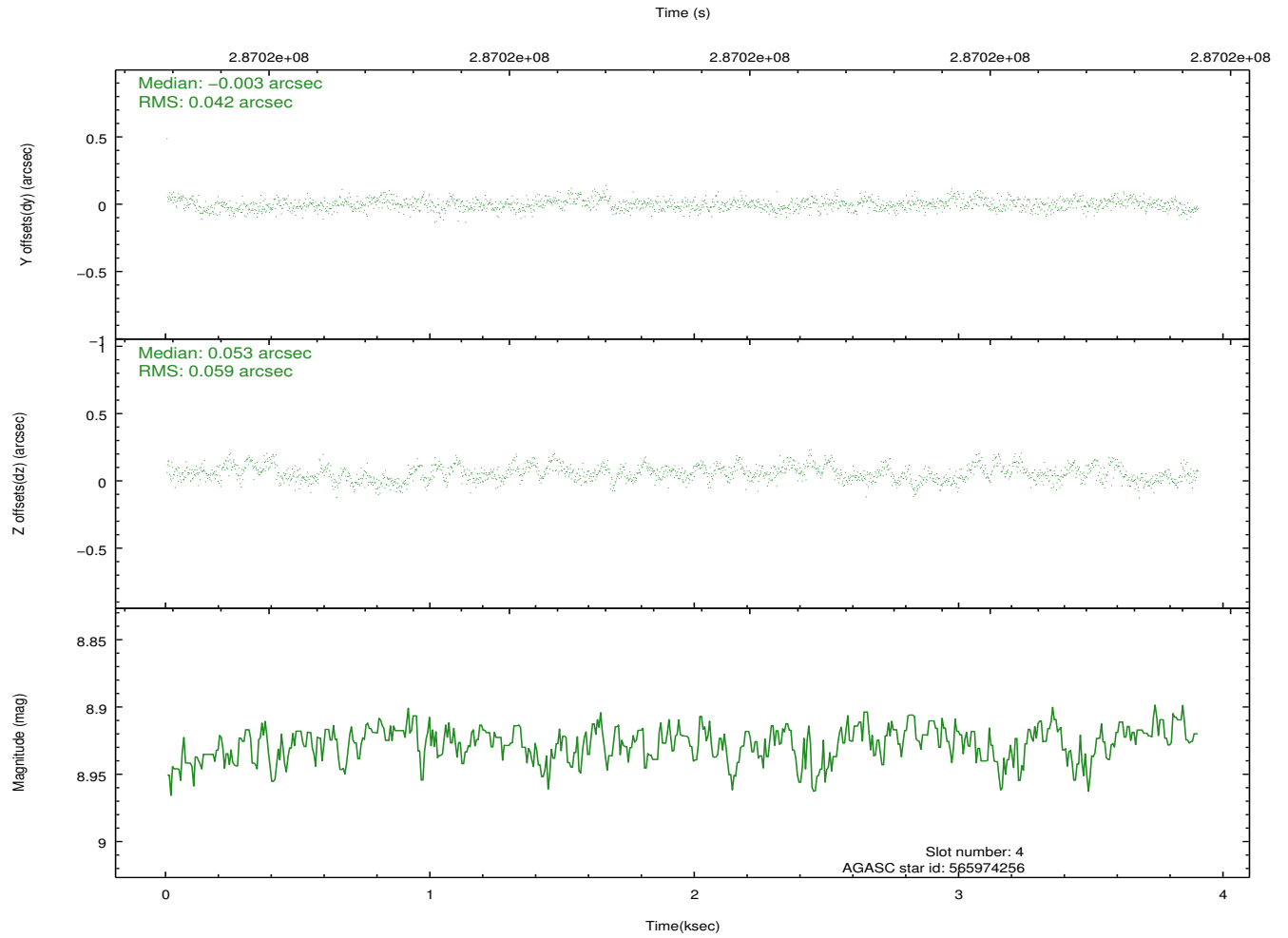
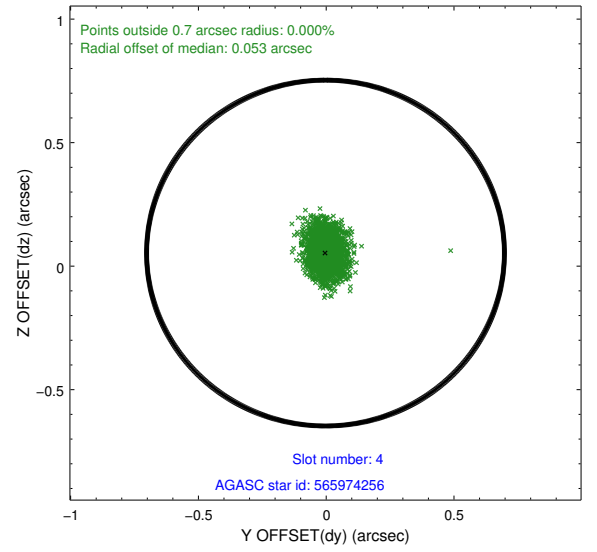
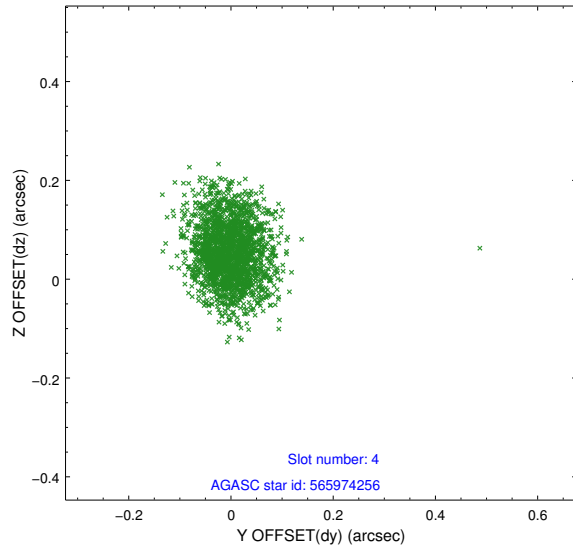
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	952	-0.033	-0.059	0.007	0.011	0.000000	0.000000	-765.70	-1735.19
1	FID	ACIS-S-4	7.20	952	0.157	0.032	0.005	0.010	0.000000	0.000000	2147.03	171.72
2	FID	ACIS-S-5	7.23	952	-0.155	0.036	0.007	0.011	0.000000	0.000000	-1816.61	167.22
3	GUIDE	565971040	8.63	1903	0.035	-0.011	0.070	0.117	27.861220	72.620359	1692.33	-2067.63
4	GUIDE	565974256	8.93	1902	-0.003	0.053	0.075	0.126	27.164925	72.864153	587.83	-2387.19
5	GUIDE	566499904	8.24	1903	0.011	-0.085	0.064	0.105	29.302134	73.213847	327.63	172.29
6	GUIDE	566503696	8.68	1901	-0.052	0.109	0.071	0.112	29.923369	73.975937	-1974.60	1794.34
7	GUIDE	566505904	8.94	1900	0.010	-0.062	0.078	0.125	27.449921	73.369152	-946.98	-1363.73

2.4 Star Slots

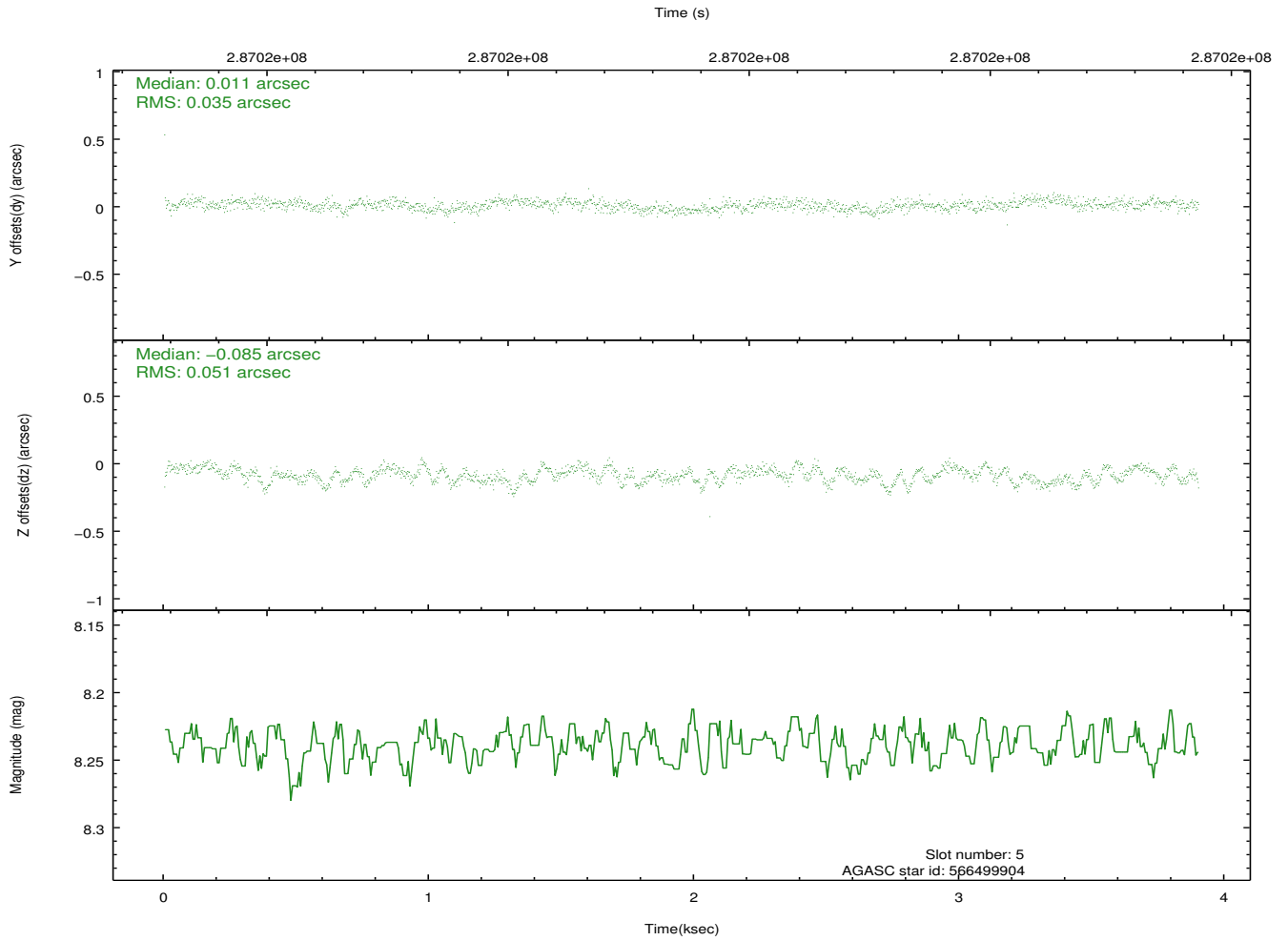
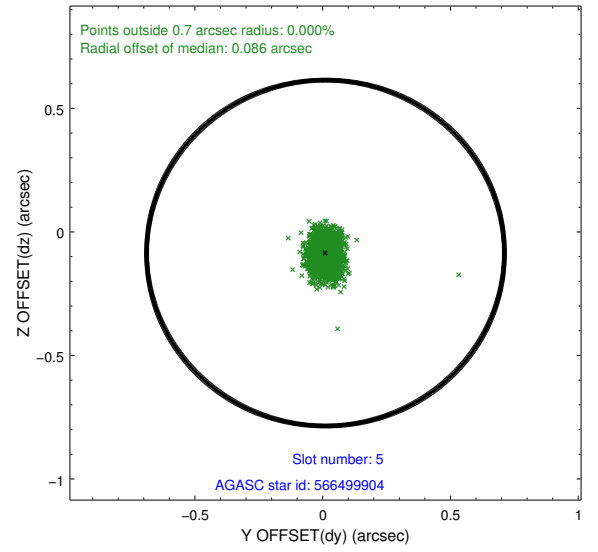
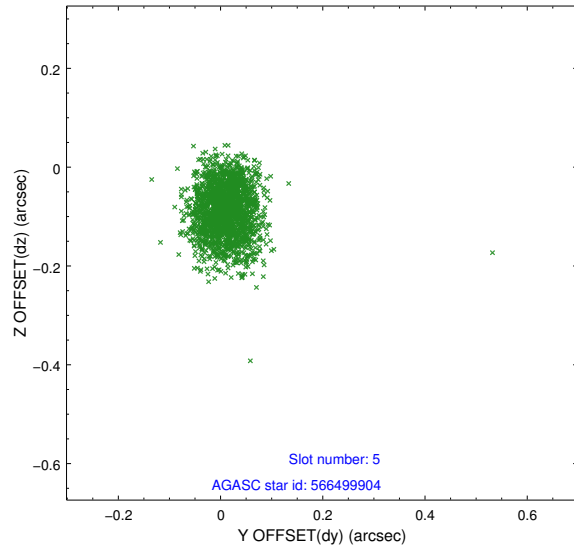
2.4.1 Slot 3



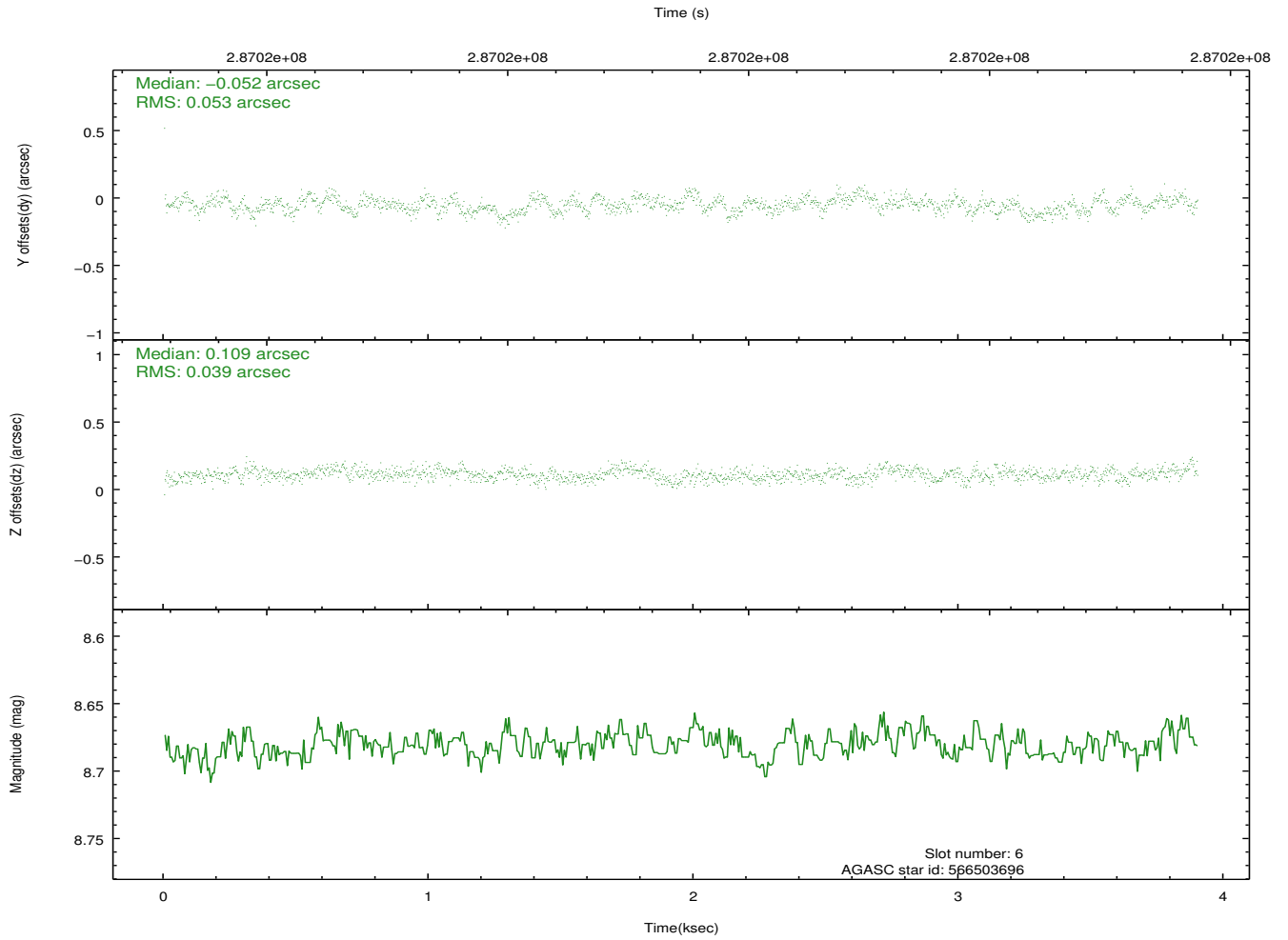
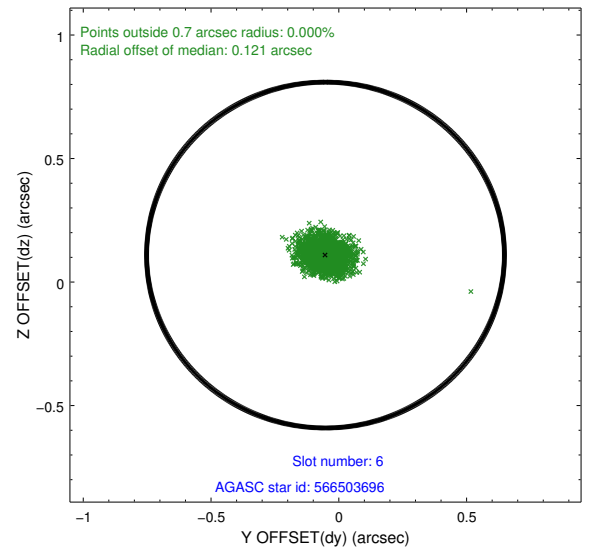
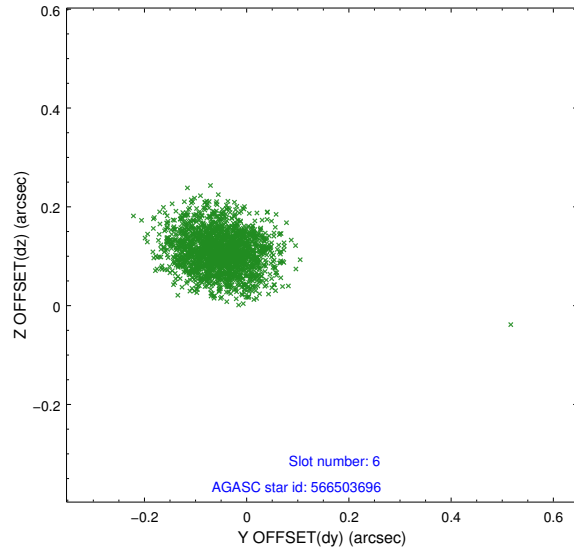
2.4.2 Slot 4



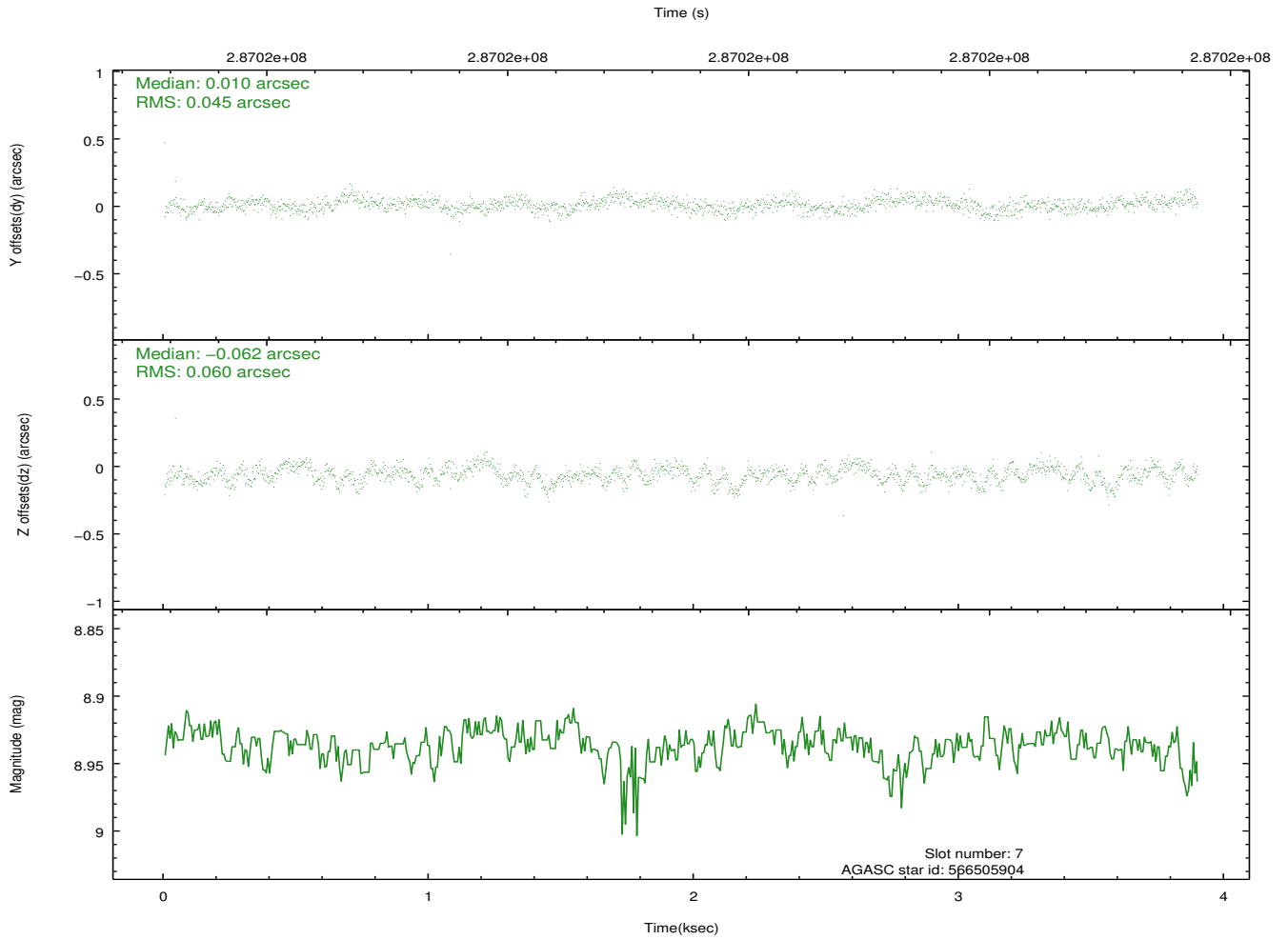
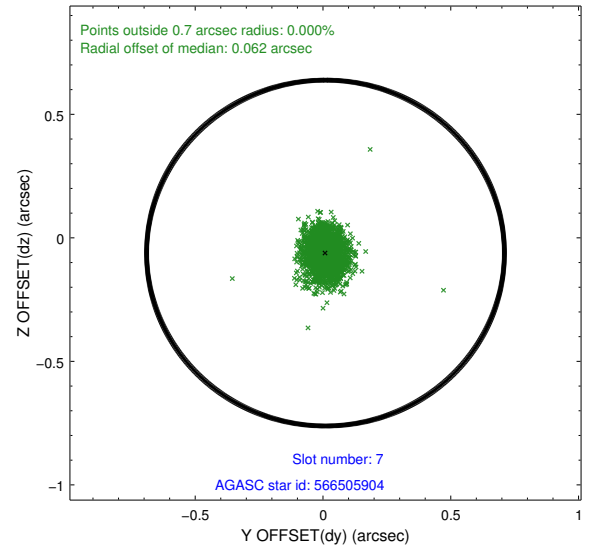
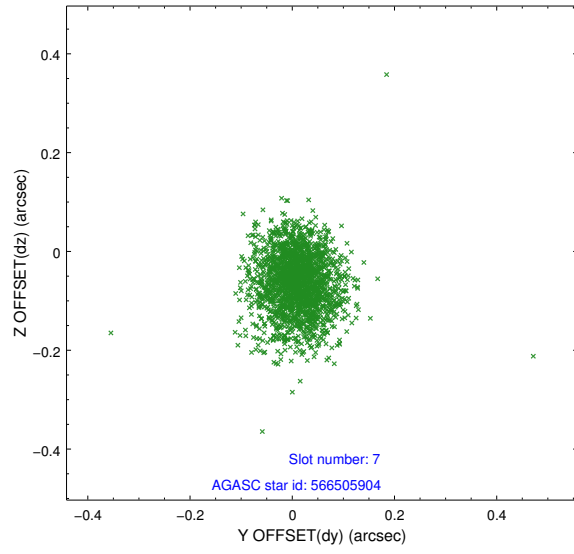
2.4.3 Slot 5



2.4.4 Slot 6

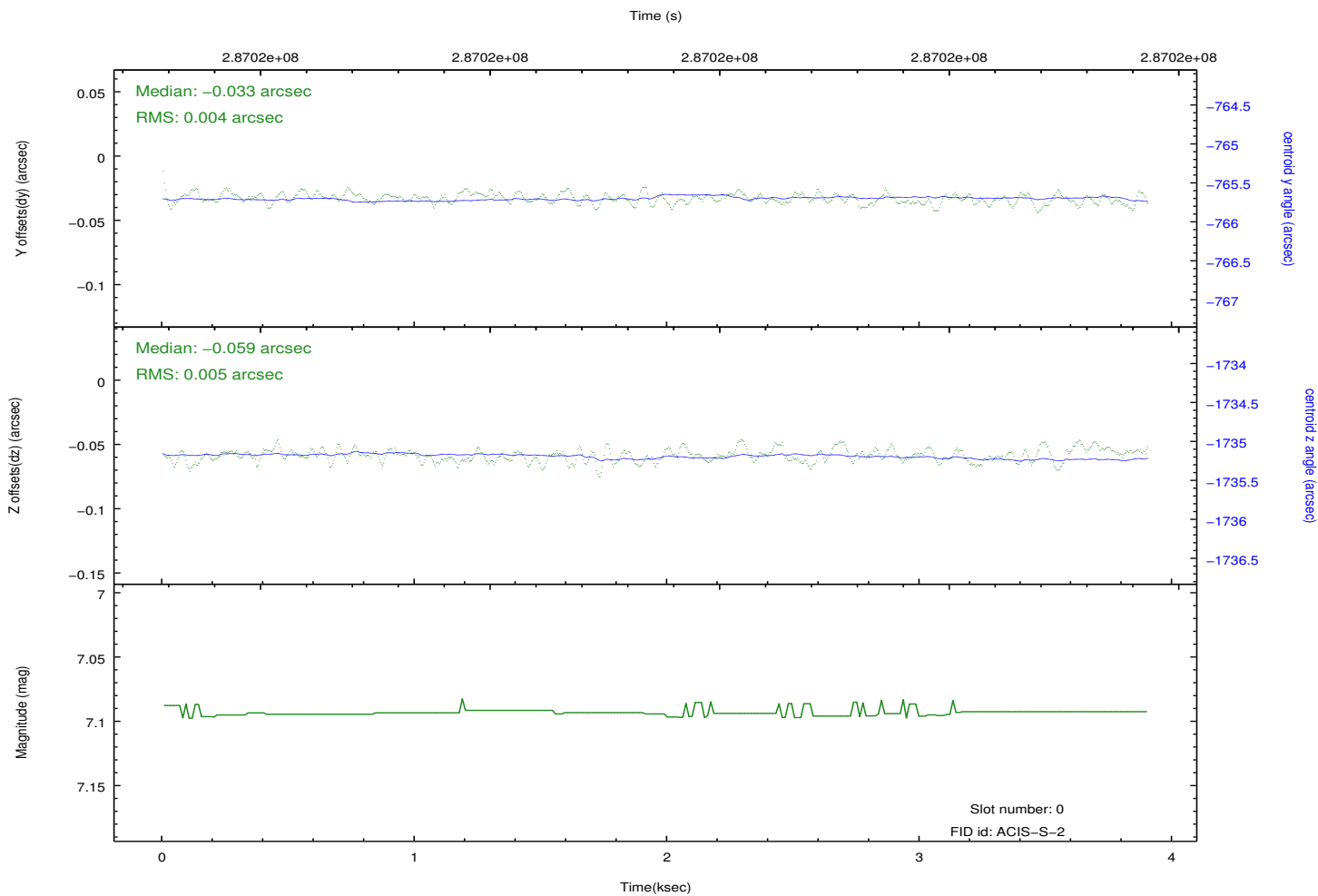
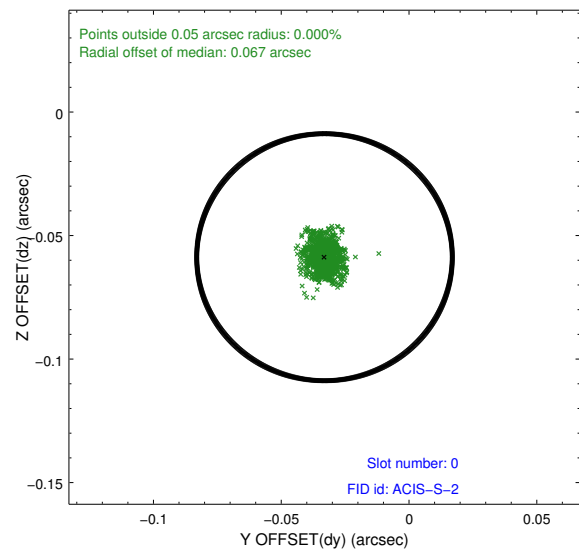
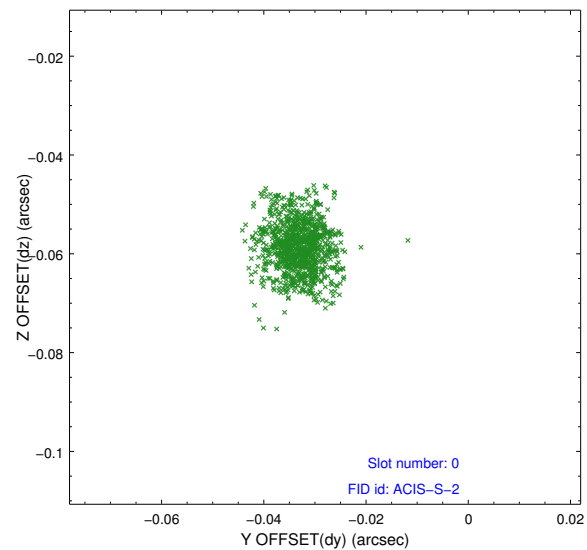


2.4.5 Slot 7

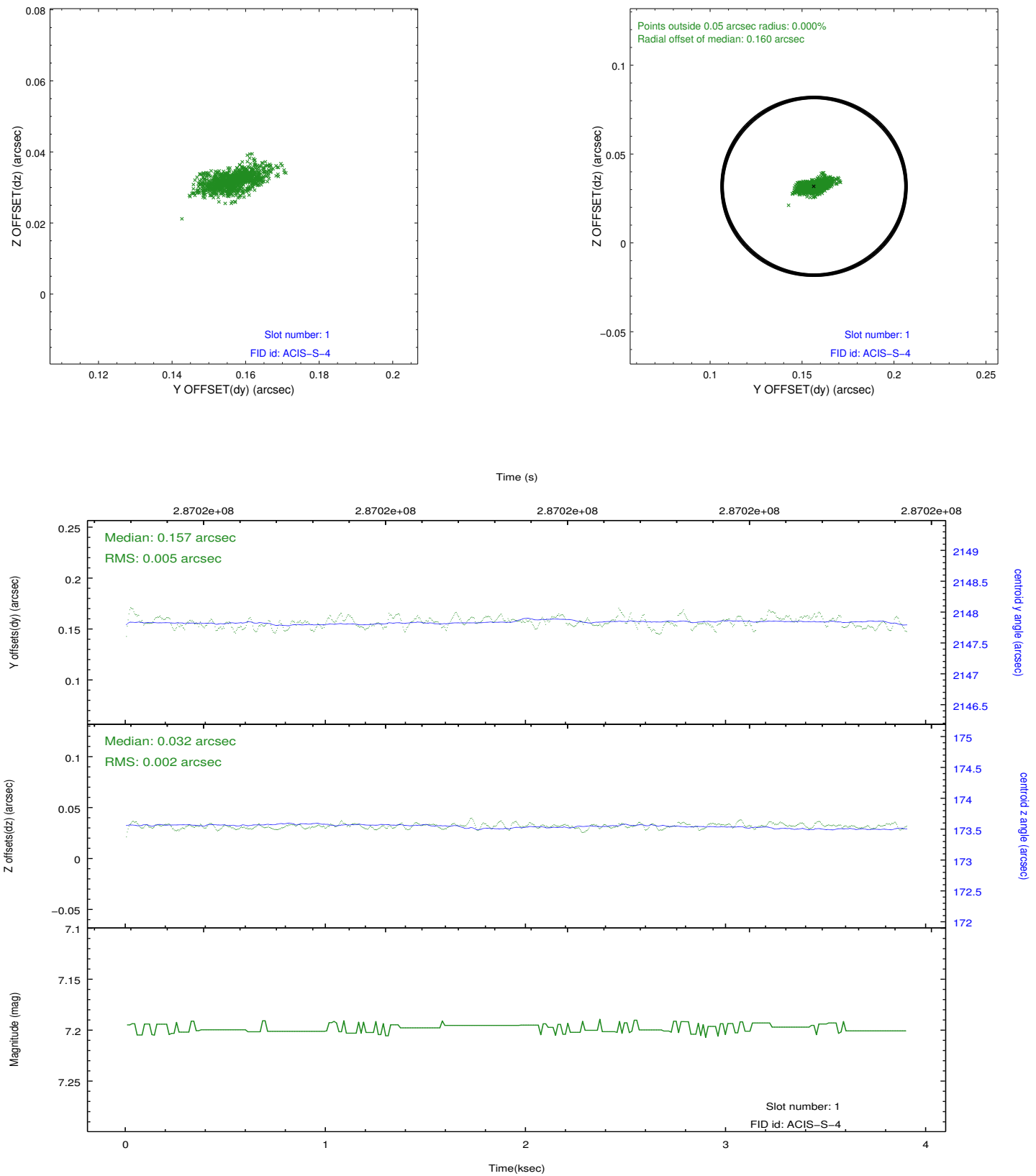


2.5 FID Slots

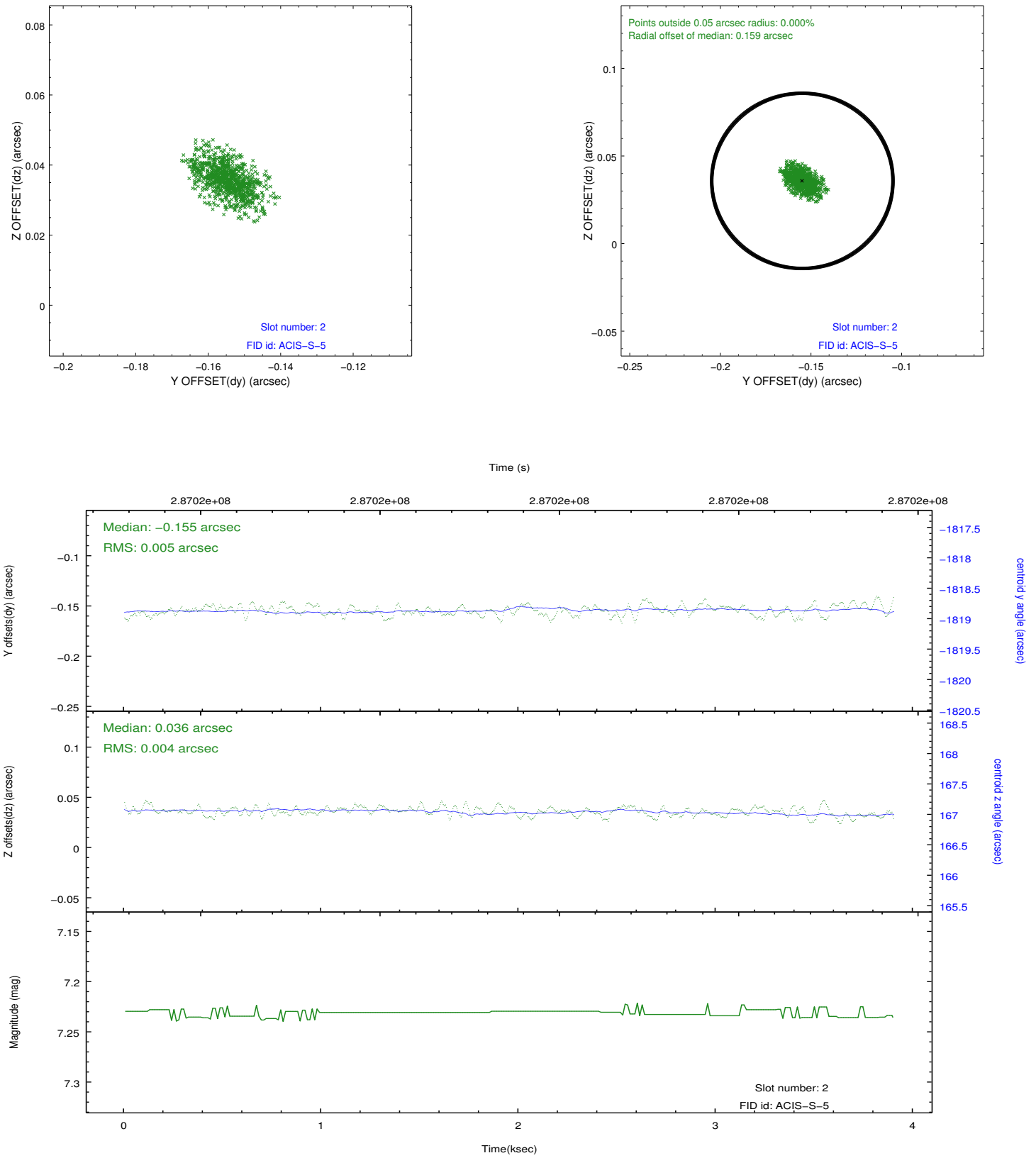
2.5.1 Slot 0



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)	2012.04.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.45279998

A.2 Comments