

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6861 - L2 Version 2
Chandra X-Ray Center

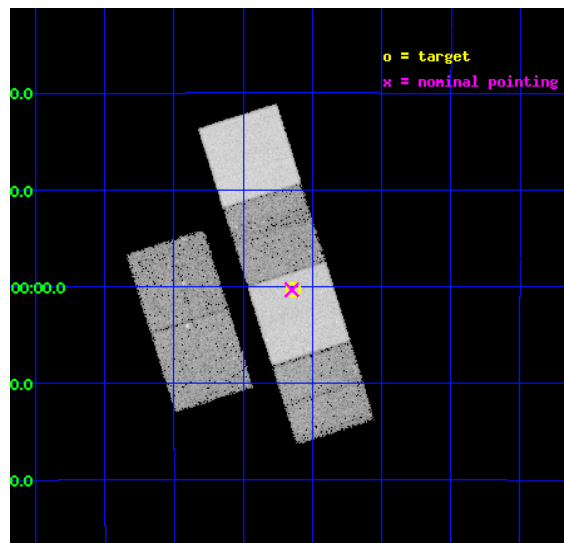
L2 Processing Date : Mar 28 2012

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1 Front

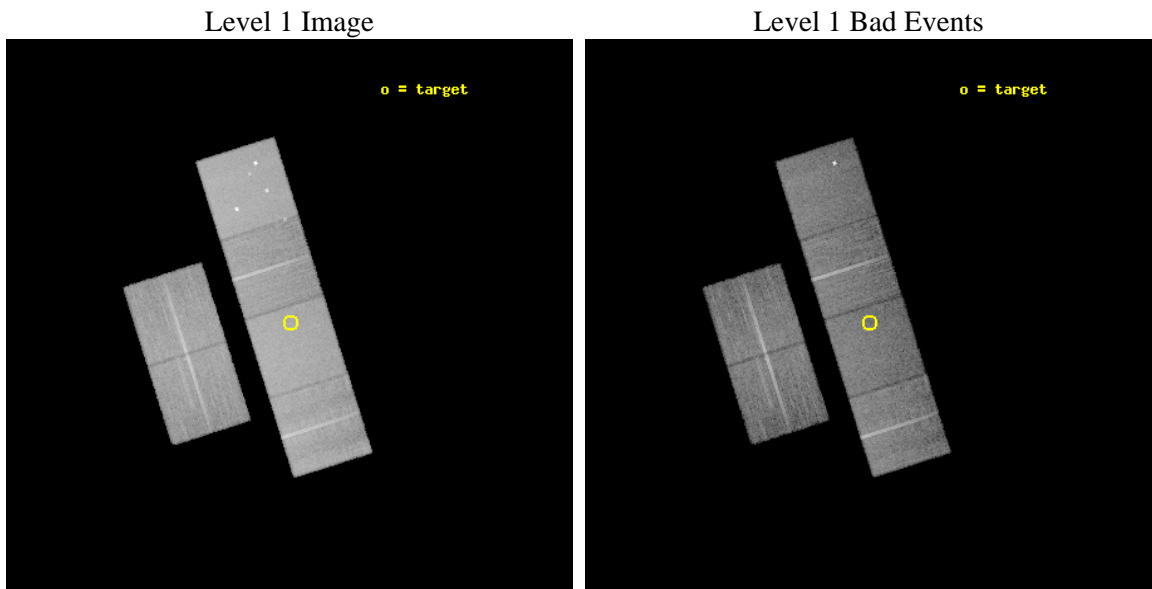
seq_num	701279	Sequence number
obs_id	6861	Observation id
title	Chandra observations of (U)LIRGs with double nuclei: search for binary AGN and X-ray luminous starbursts	Proposal title
observer	Dr. Stefanie Komossa	Principal investigator
object	IRAS14348-1447	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	219.41	Observer's specified target RA [deg]
dec_targ	-15.006389	Observer's specified target Dec [deg]
ra_nom	219.41202219997	Nominal RA [deg]
dec_nom	-15.005723830013	Nominal Dec [deg]
roll_nom	72.511663756003	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14908.79994446	Sum of GTIs [s]
livetime	14720.015742562	Livetime [s]
ontime2	14908.79994446	Sum of GTIs [s]
ontime3	14905.558954149	Sum of GTIs [s]
ontime5	14908.79994446	Sum of GTIs [s]
ontime6	14908.79994446	Sum of GTIs [s]
ontime7	14908.79994446	Sum of GTIs [s]
ontime8	14908.79994446	Sum of GTIs [s]
l2events	224009	Number of level 2 events



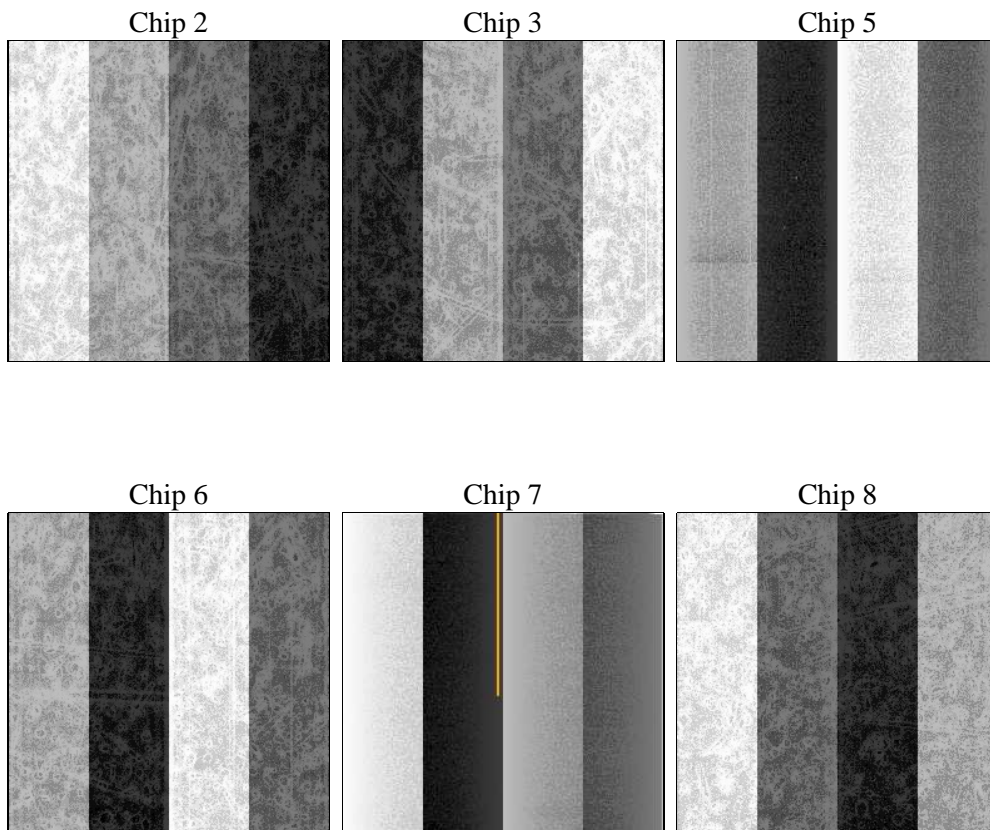
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	14956.927000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	14908.79994446	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	14908.79994446	Sum of GTIs [s]
date	2012-03-28T03:21:31	Date and time of file creation	ontime3	14905.558954149	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	14908.79994446	Sum of GTIs [s]
			ontime6	14908.79994446	Sum of GTIs [s]
			ontime7	14908.79994446	Sum of GTIs [s]
			ontime8	14908.79994446	Sum of GTIs [s]
			l1events	949382	Number of level 1 events

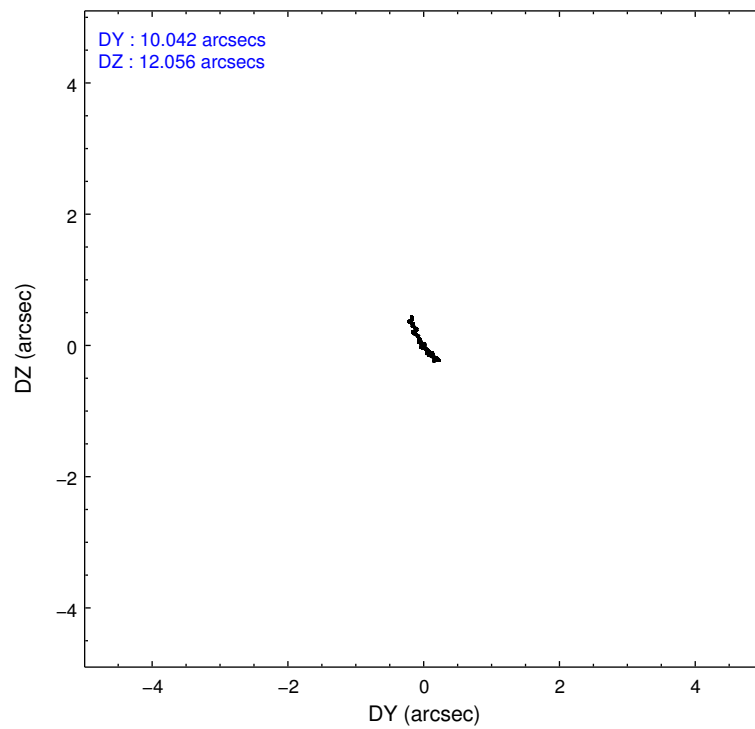
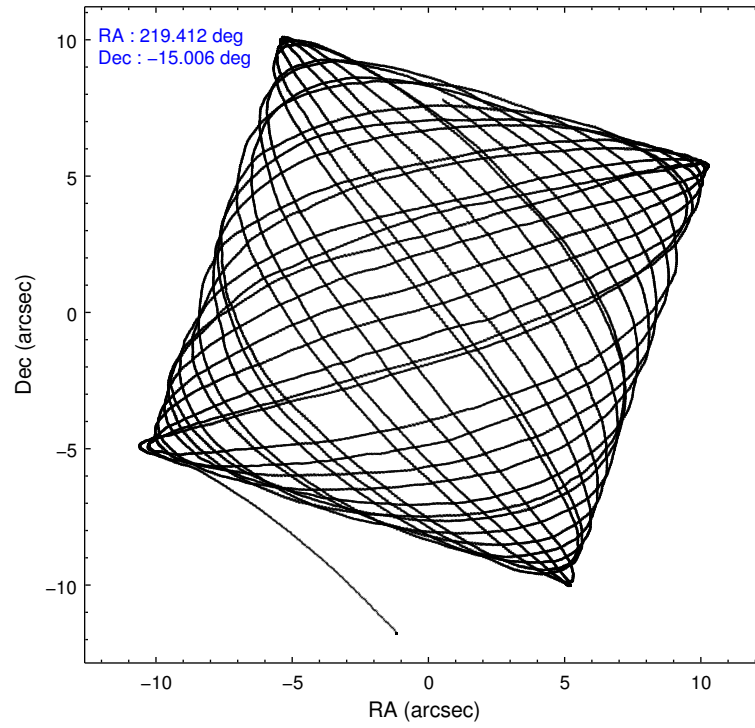
2.1.4 Events

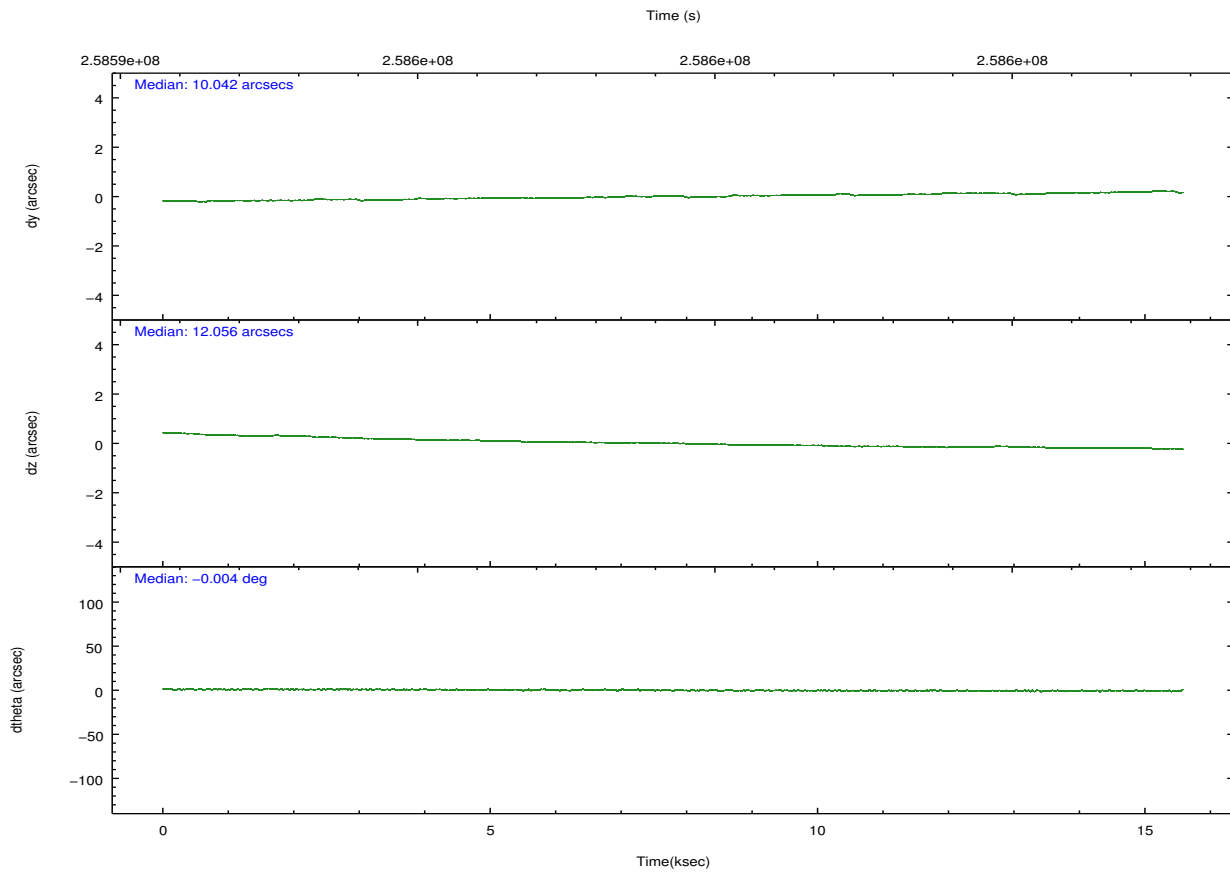
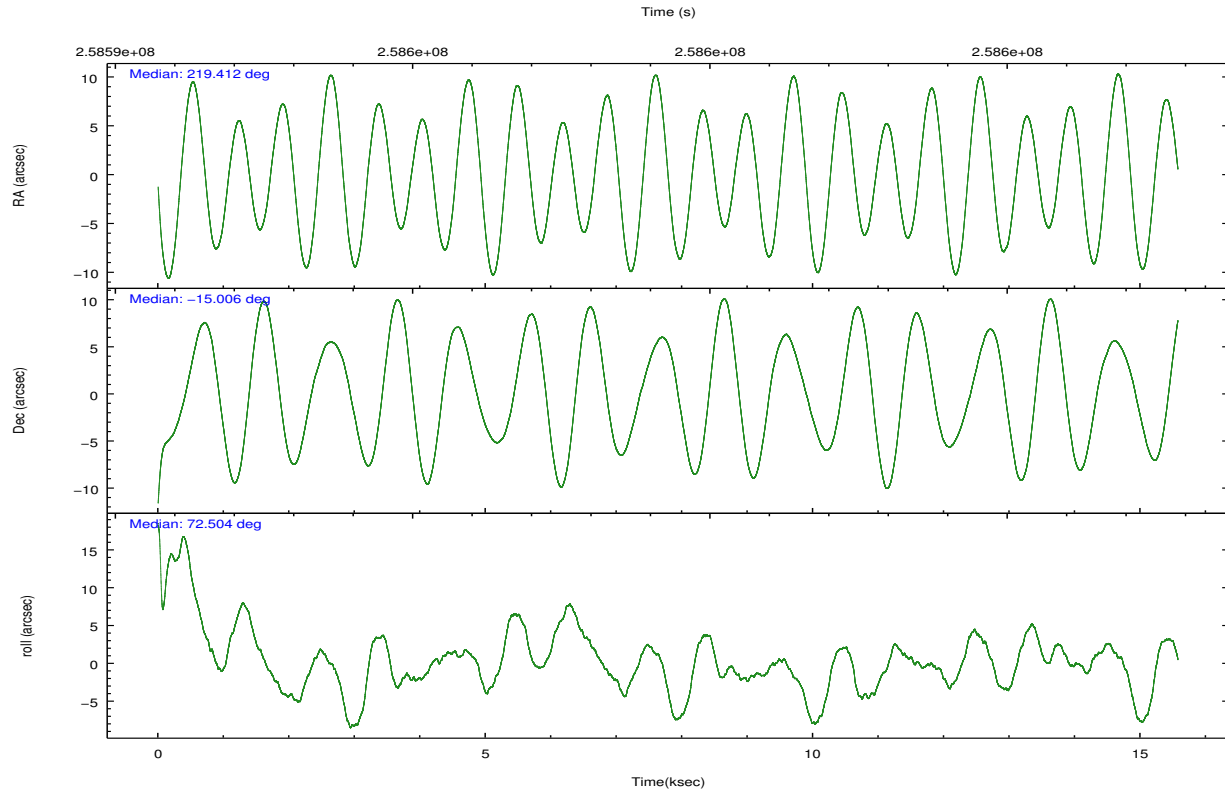
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	137001	128899	204798	134255	178919	165510	grade 0 events	8321	8506	13108	7617	6944	12992
rejected events	119622	111291	108257	116559	102930	126914		6%	6%	6%	5%	3%	7%
rejected %	87%	86%	52%	86%	57%	76%	grade 1 events	94	118	2790	70	197	131
								0%	0%	1%	0%	0%	0%
							grade 2 events	3402	3184	27910	3658	15164	8256
								2%	2%	13%	2%	8%	4%
							grade 3 events	1525	1500	3638	1609	6583	4069
								1%	1%	1%	1%	3%	2%
							grade 4 events	1477	1581	3636	1550	6612	3712
								1%	1%	1%	1%	3%	2%
							grade 5 events	5119	5753	14289	6031	16789	7919
								3%	4%	6%	4%	9%	4%
							grade 6 events	2658	2847	48290	3273	40718	9590
								1%	2%	23%	2%	22%	5%
							grade 7 events	114405	105410	91137	110447	85912	118841
								83%	81%	44%	82%	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	219.418518	219.4120221999687	Subarray requested	NONE	NONE
[deg] Pointing Dec	-15.032215	-15.00572383001336	Alternating exposures requested	N	N
[deg] Pointing Roll	72.356708	72.51166375600258	[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)	258592128.184000	258590947.30046			
Observation start date	2006-03-12T23:07:43	2006-03-12T22:49:07			
[s] Observation end time (MET)	258607084.184000	258607298.61372			
Observation end date	2006-03-13T03:16:59	2006-03-13T03:21:38			
Read mode	TIMED	TIMED			

2.3 Aspect



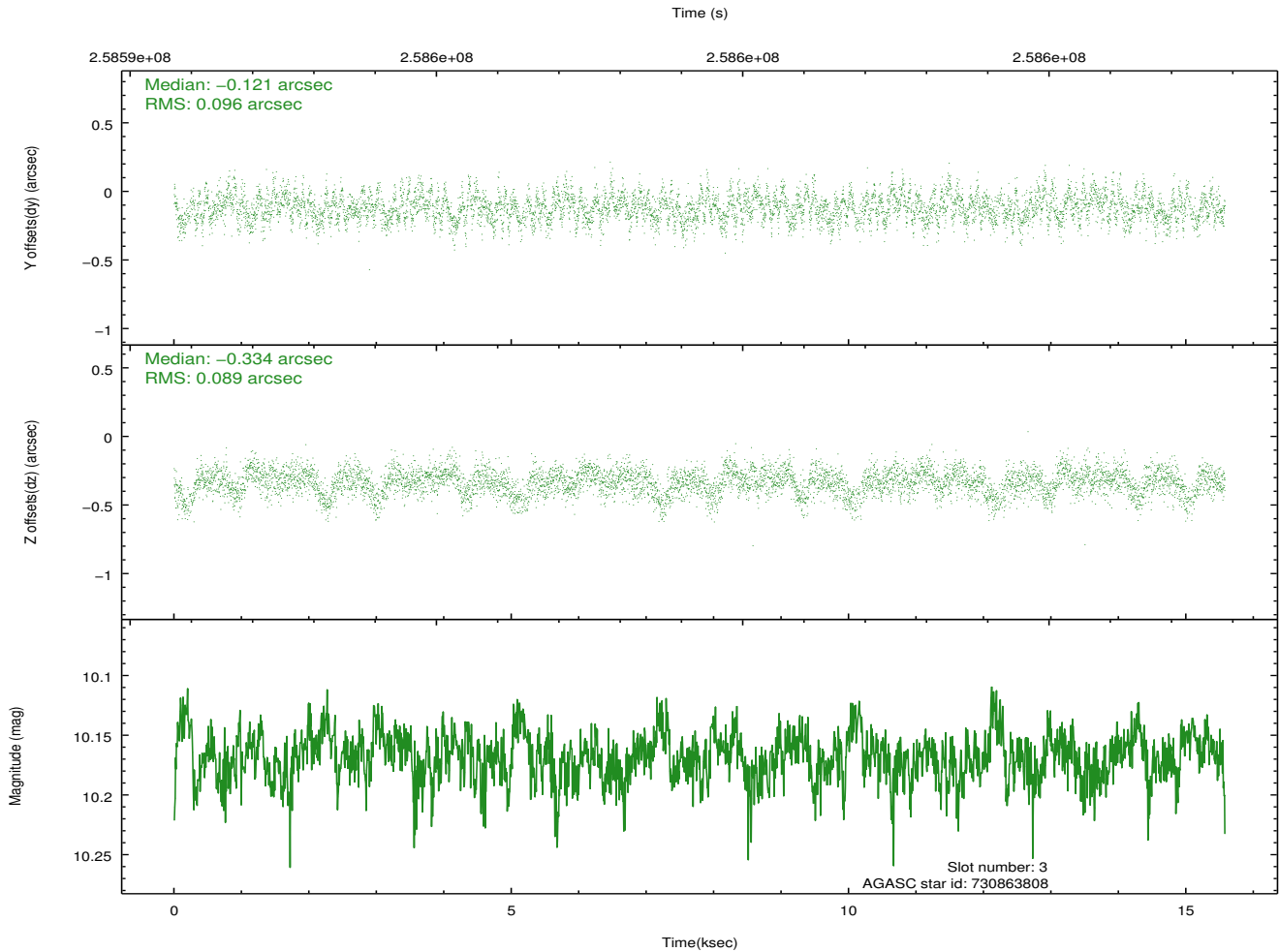
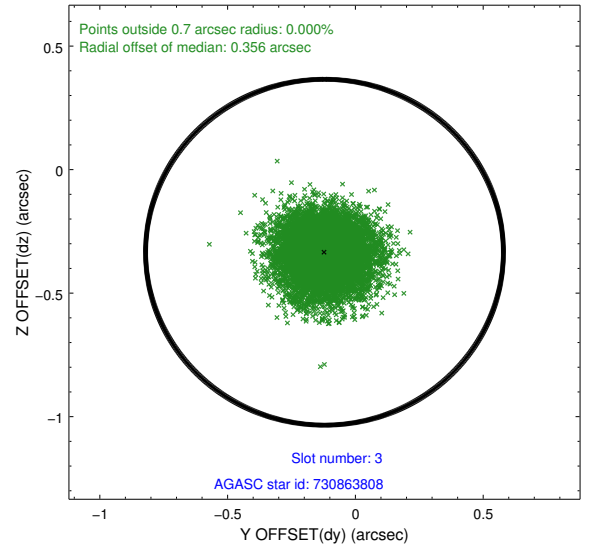
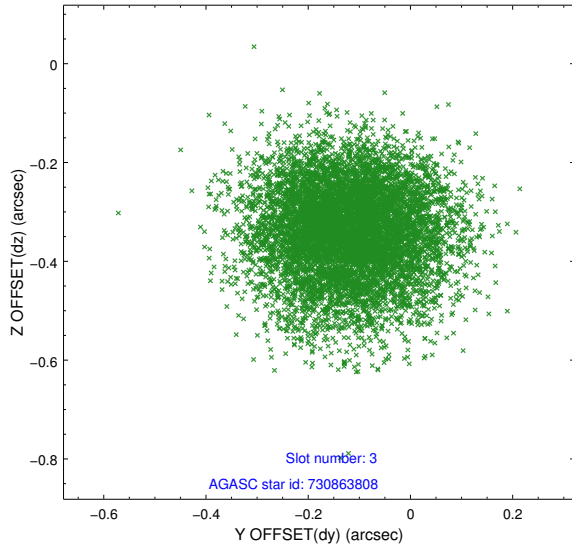


Slot Statistics

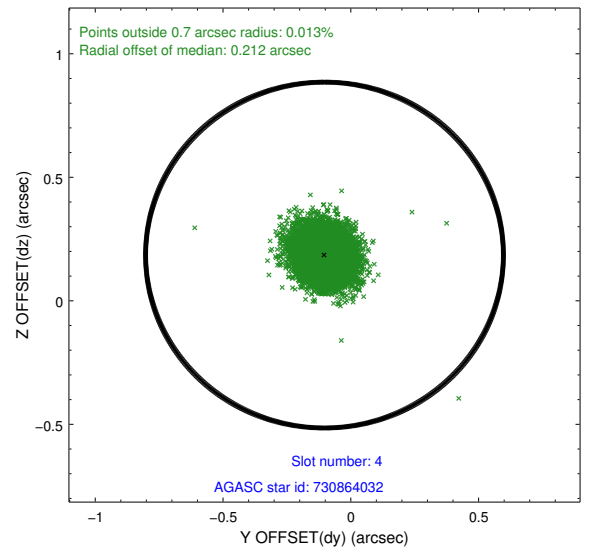
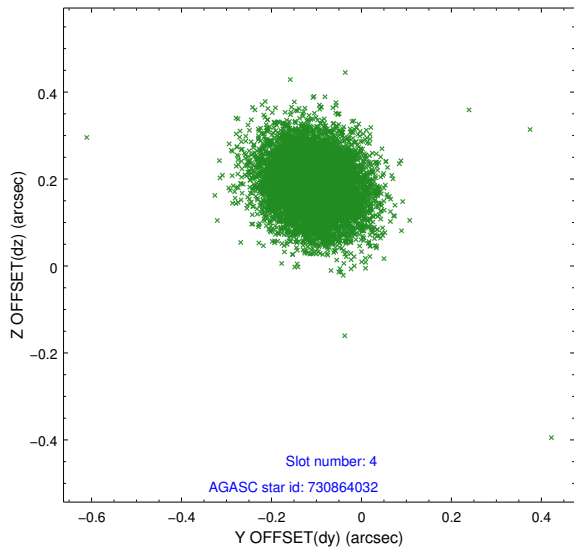
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3799	-0.027	-0.029	0.009	0.014	0.000000	0.000000	-762.91	-1733.41
1	FID	ACIS-S-4	7.21	3798	0.125	0.021	0.006	0.011	0.000000	0.000000	2150.40	174.82
2	FID	ACIS-S-5	7.23	3799	-0.129	0.017	0.009	0.016	0.000000	0.000000	-1815.48	168.83
3	GUIDE	730863808	10.17	7436	-0.121	-0.334	0.140	0.225	218.955706	-14.363224	1804.11	2267.85
4	GUIDE	730864032	9.50	7595	-0.103	0.185	0.092	0.147	219.824020	-14.671903	1663.57	-952.28
5	GUIDE	730864392	8.30	7596	-0.045	-0.015	0.072	0.116	219.549068	-14.954771	403.60	-347.96
6	GUIDE	806489248	10.13	7590	0.151	-0.067	0.135	0.231	218.878980	-15.431619	-1939.52	1347.50
7	GUIDE	806619272	9.44	7581	0.111	0.237	0.126	0.206	220.041227	-15.268550	-157.70	-2319.24

2.4 Star Slots

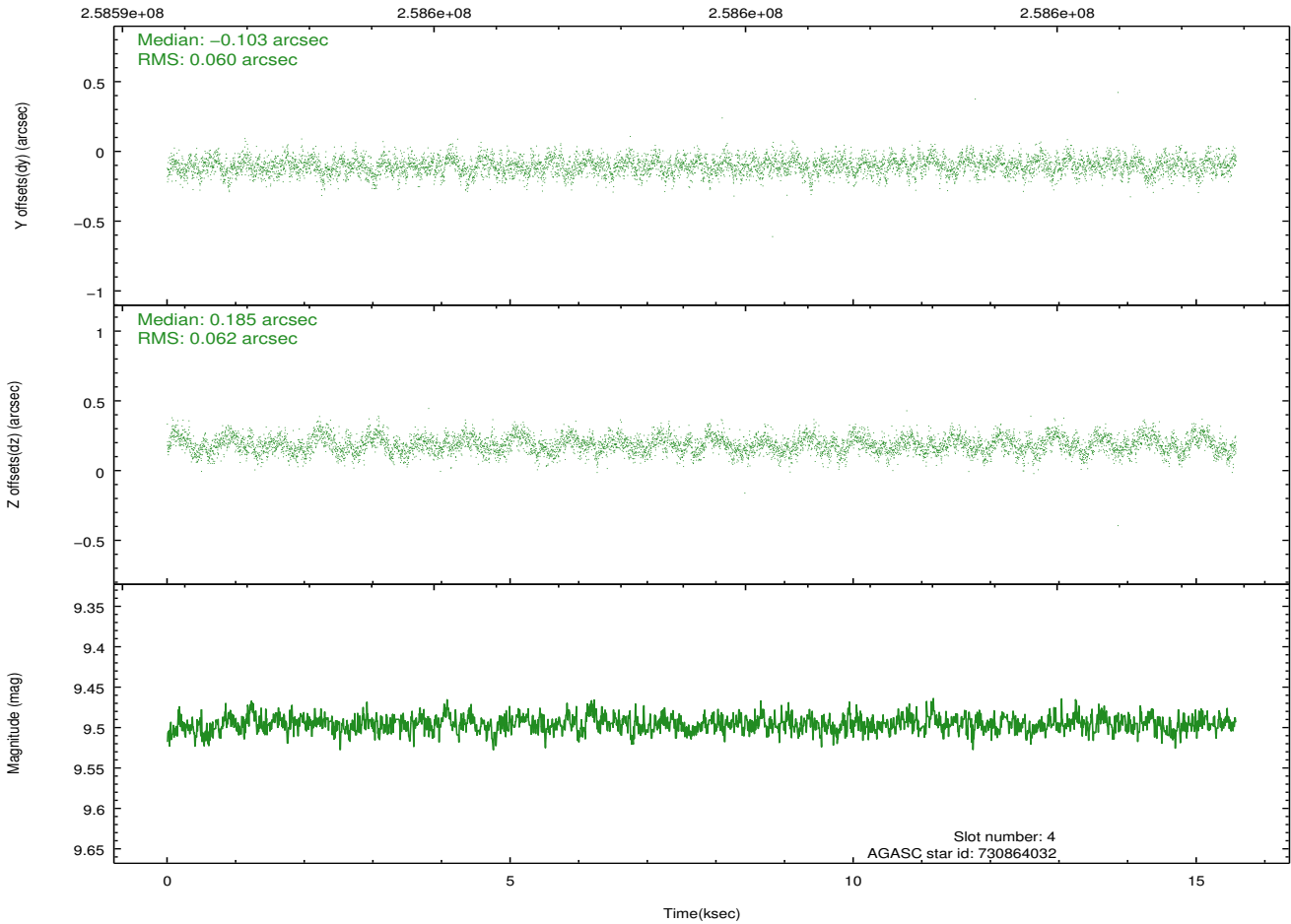
2.4.1 Slot 3



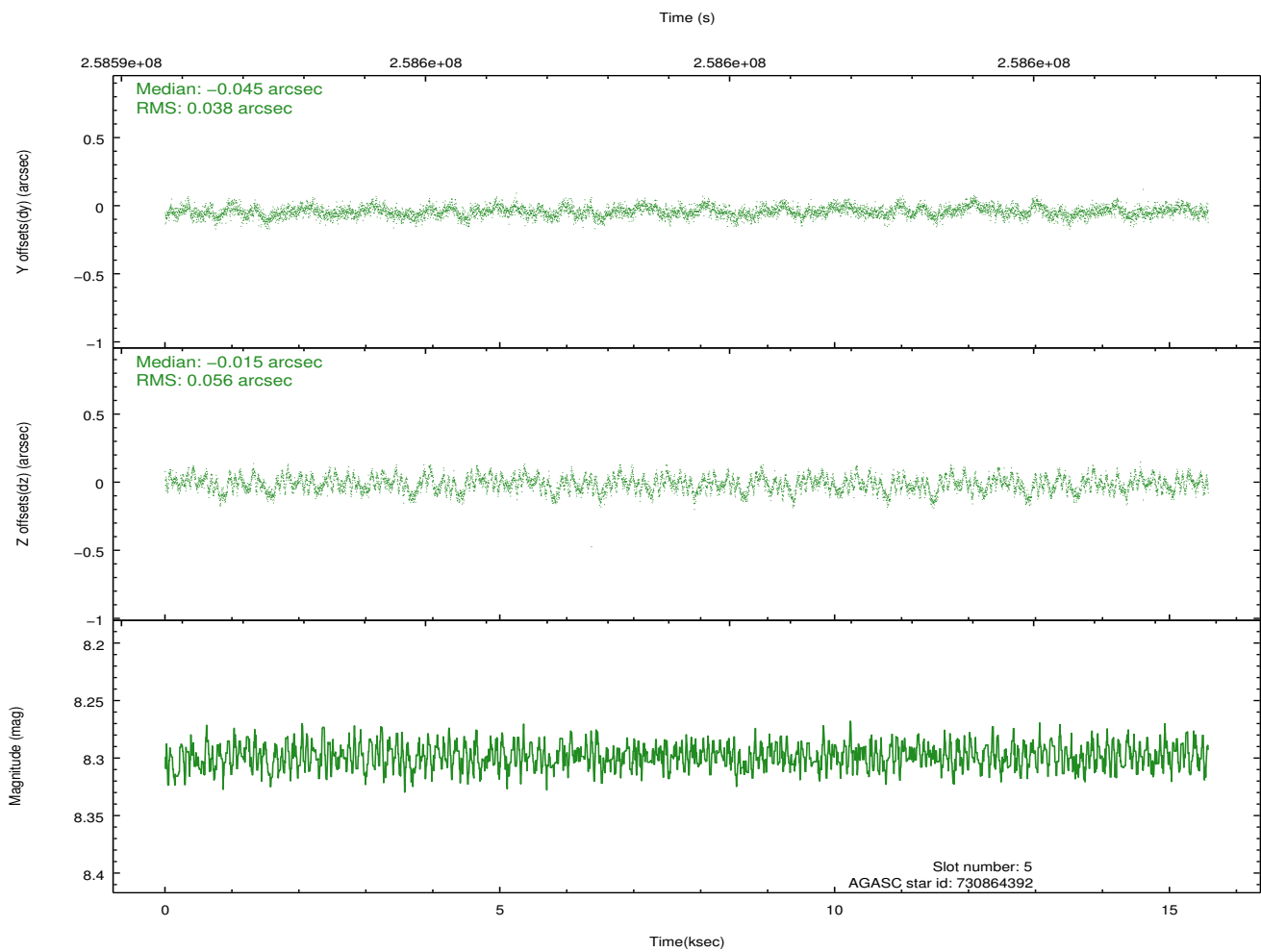
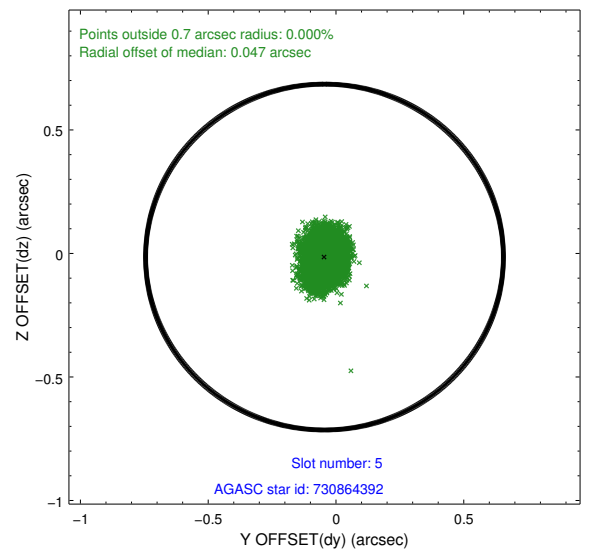
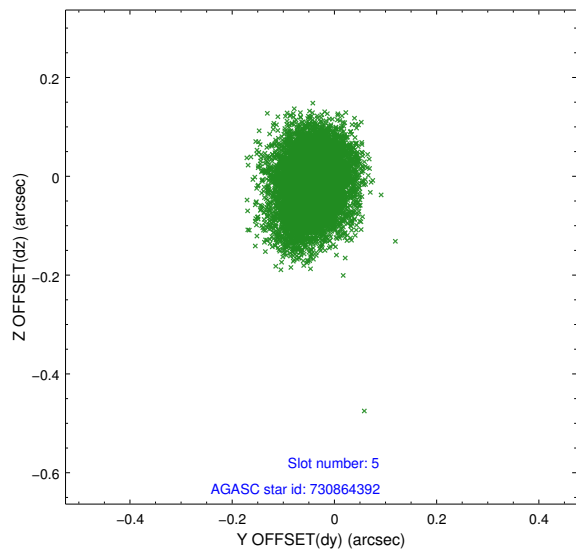
2.4.2 Slot 4



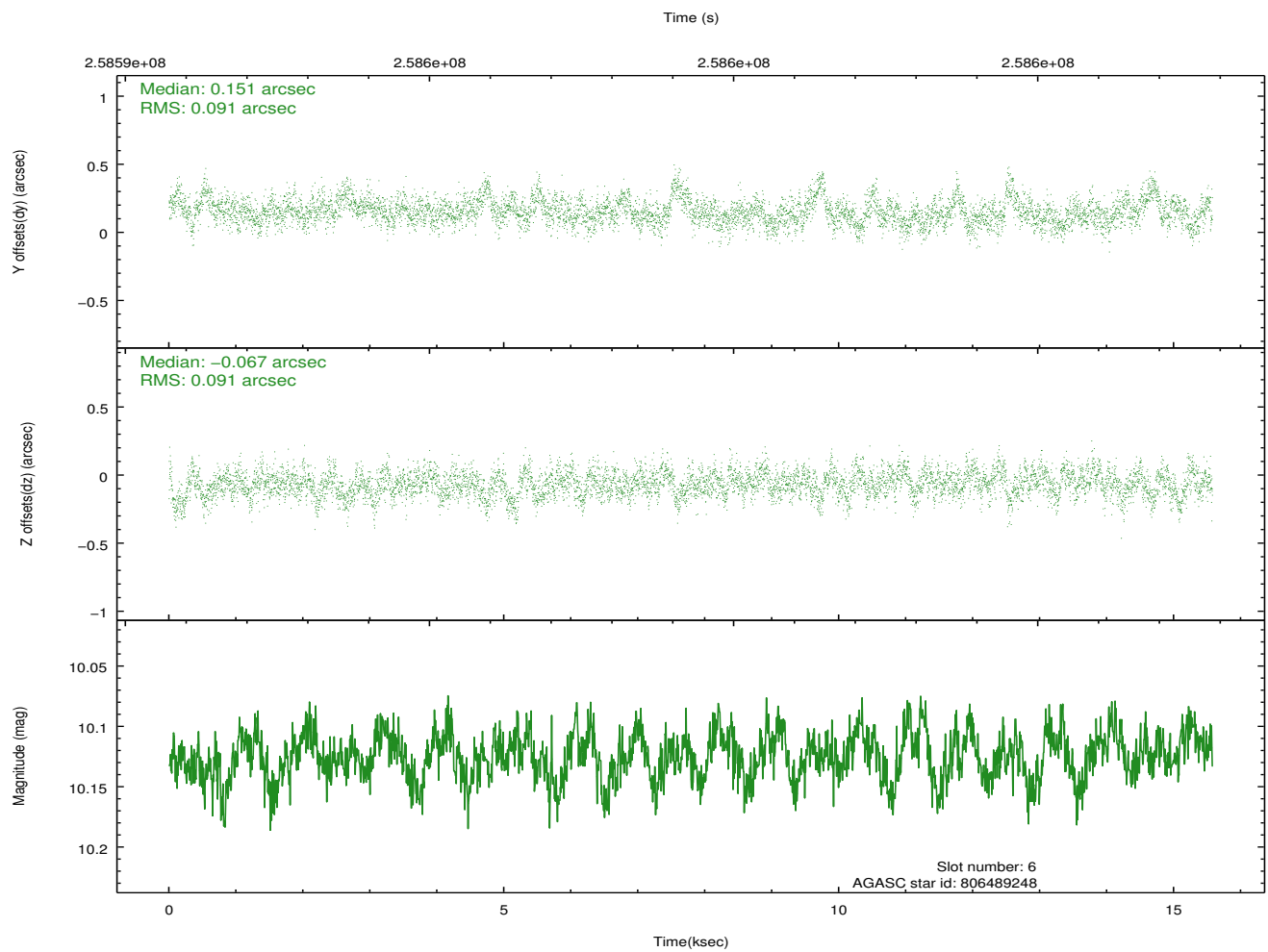
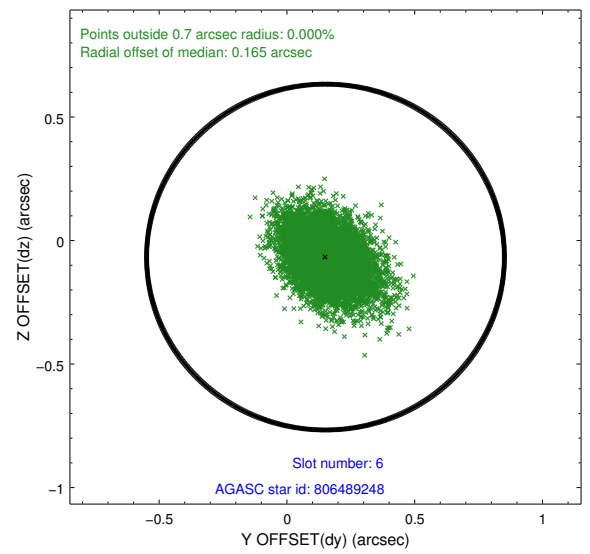
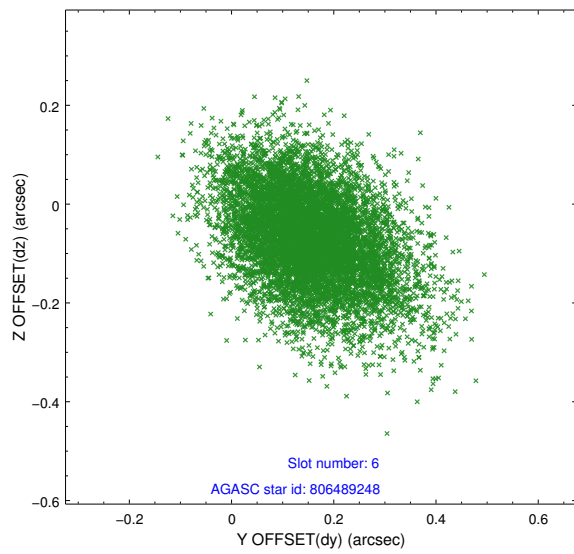
Time (s)



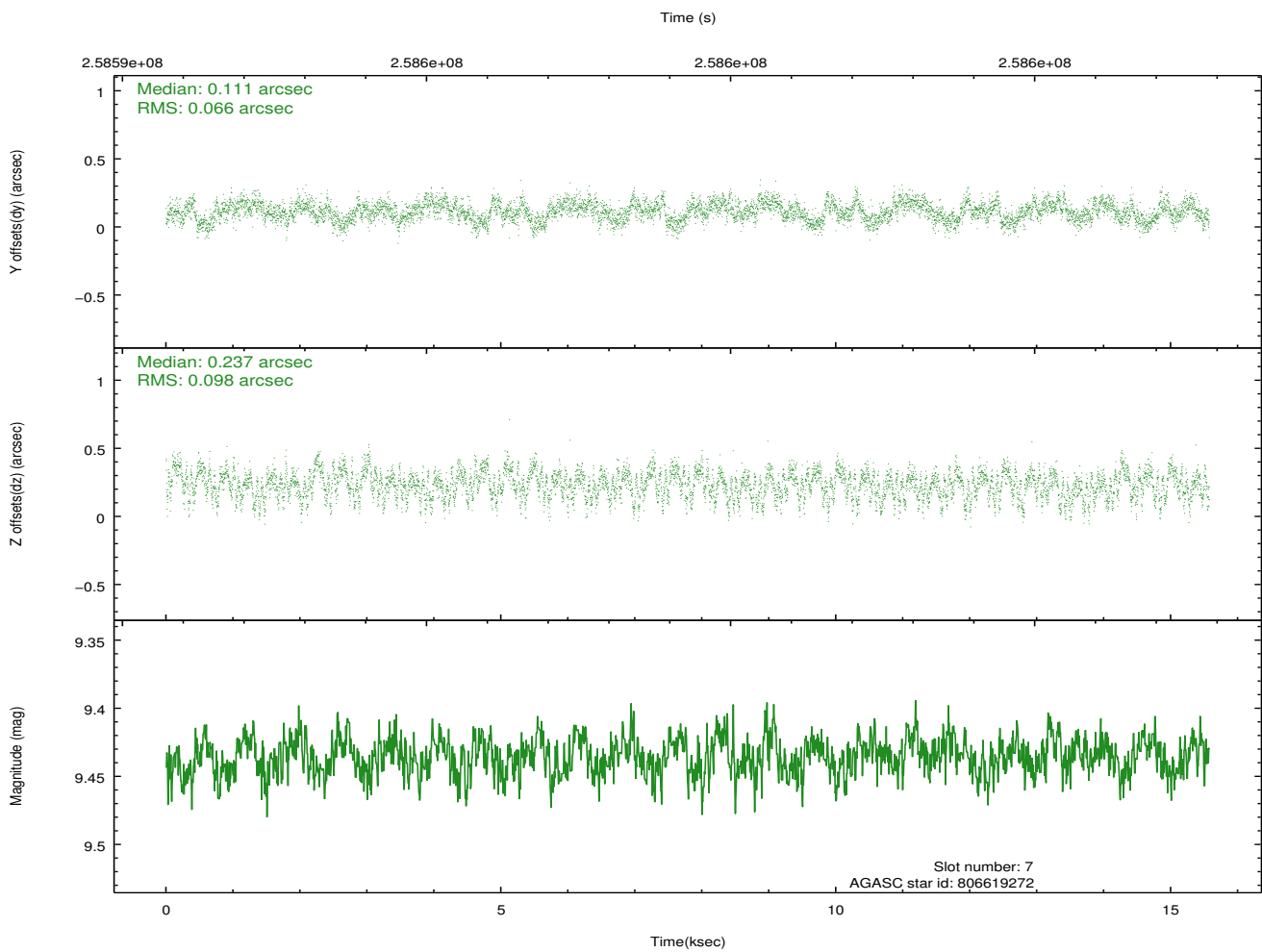
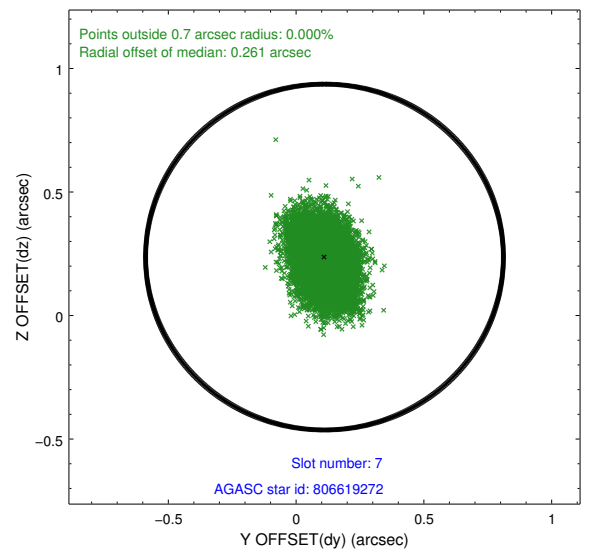
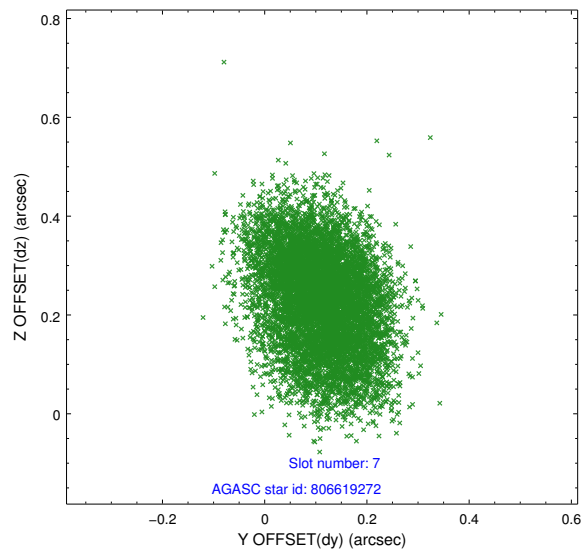
2.4.3 Slot 5



2.4.4 Slot 6

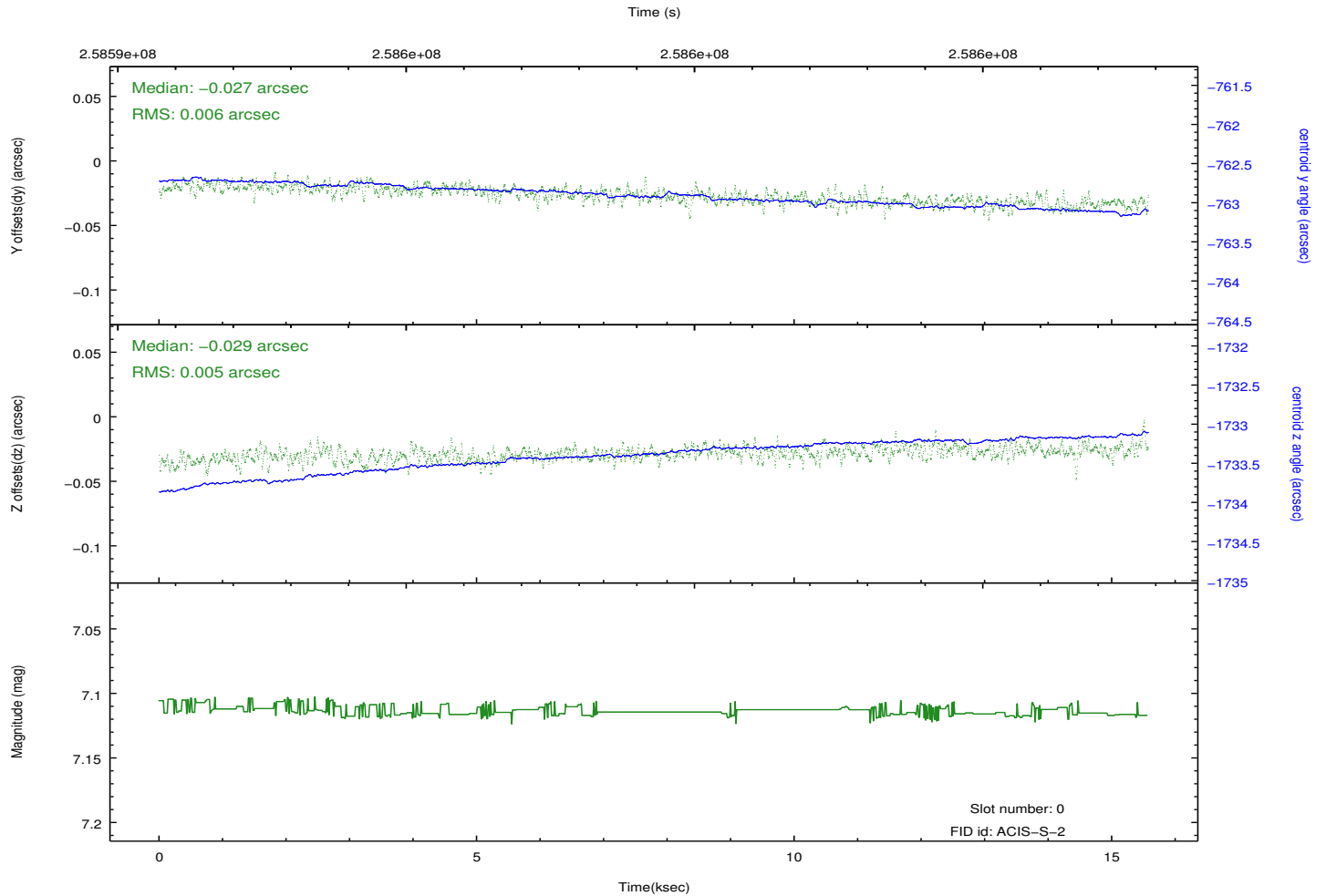
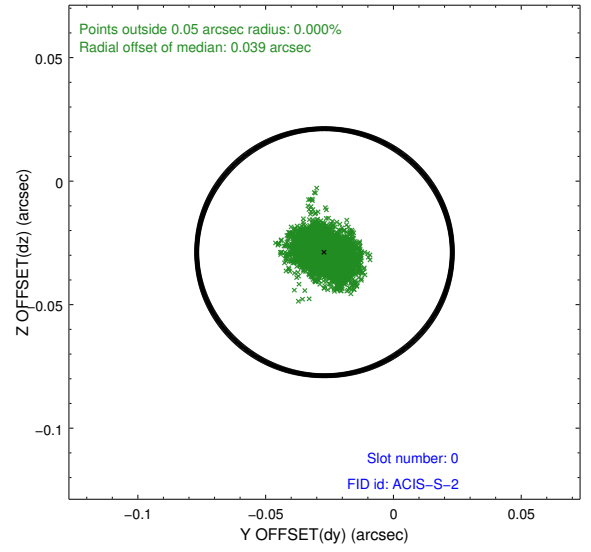
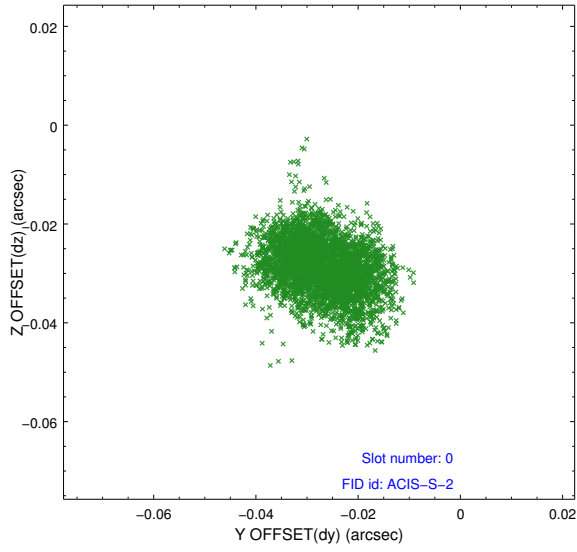


2.4.5 Slot 7

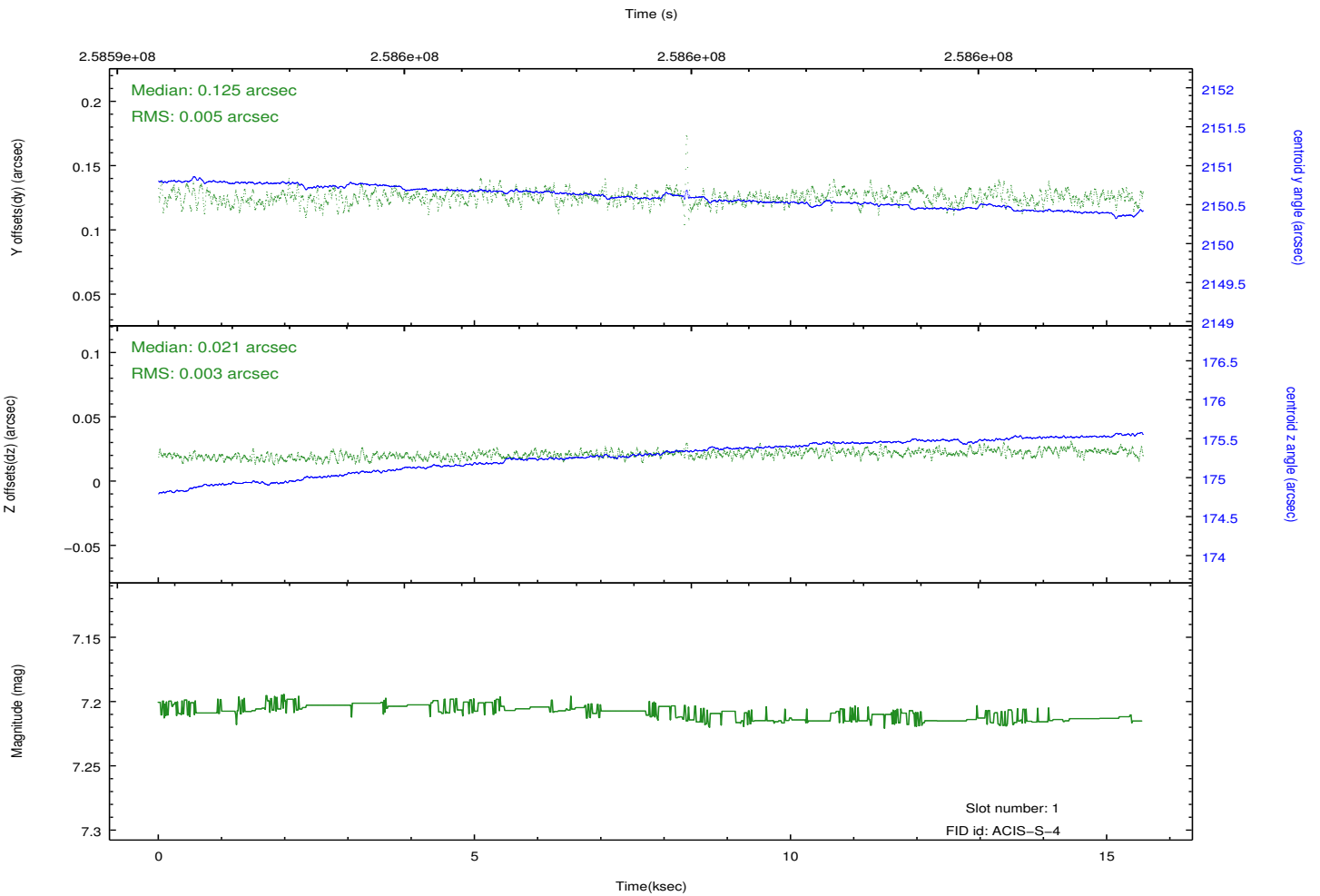
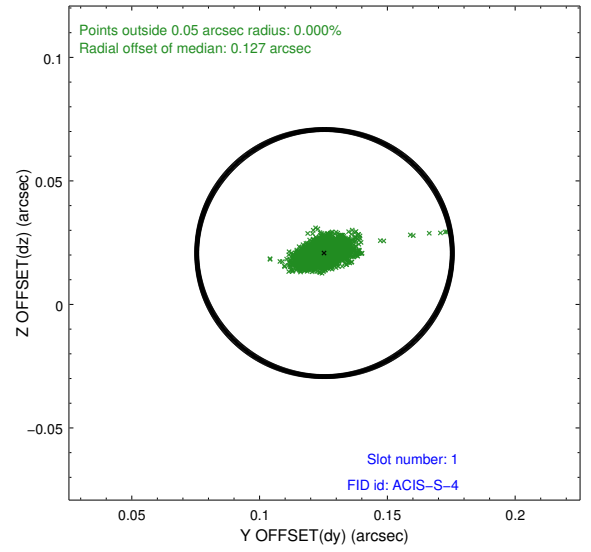
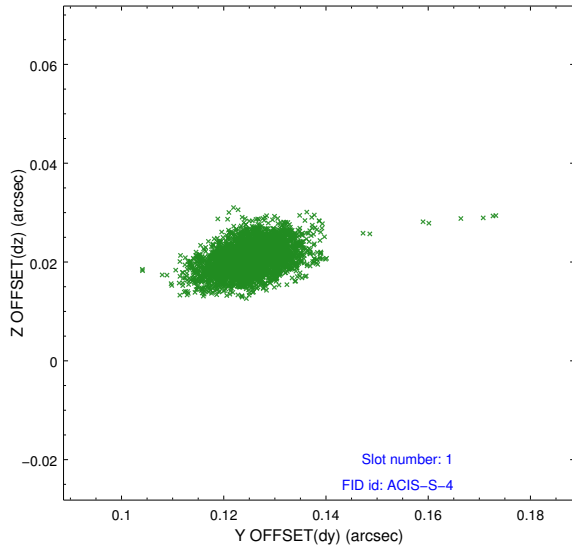


2.5 FID Slots

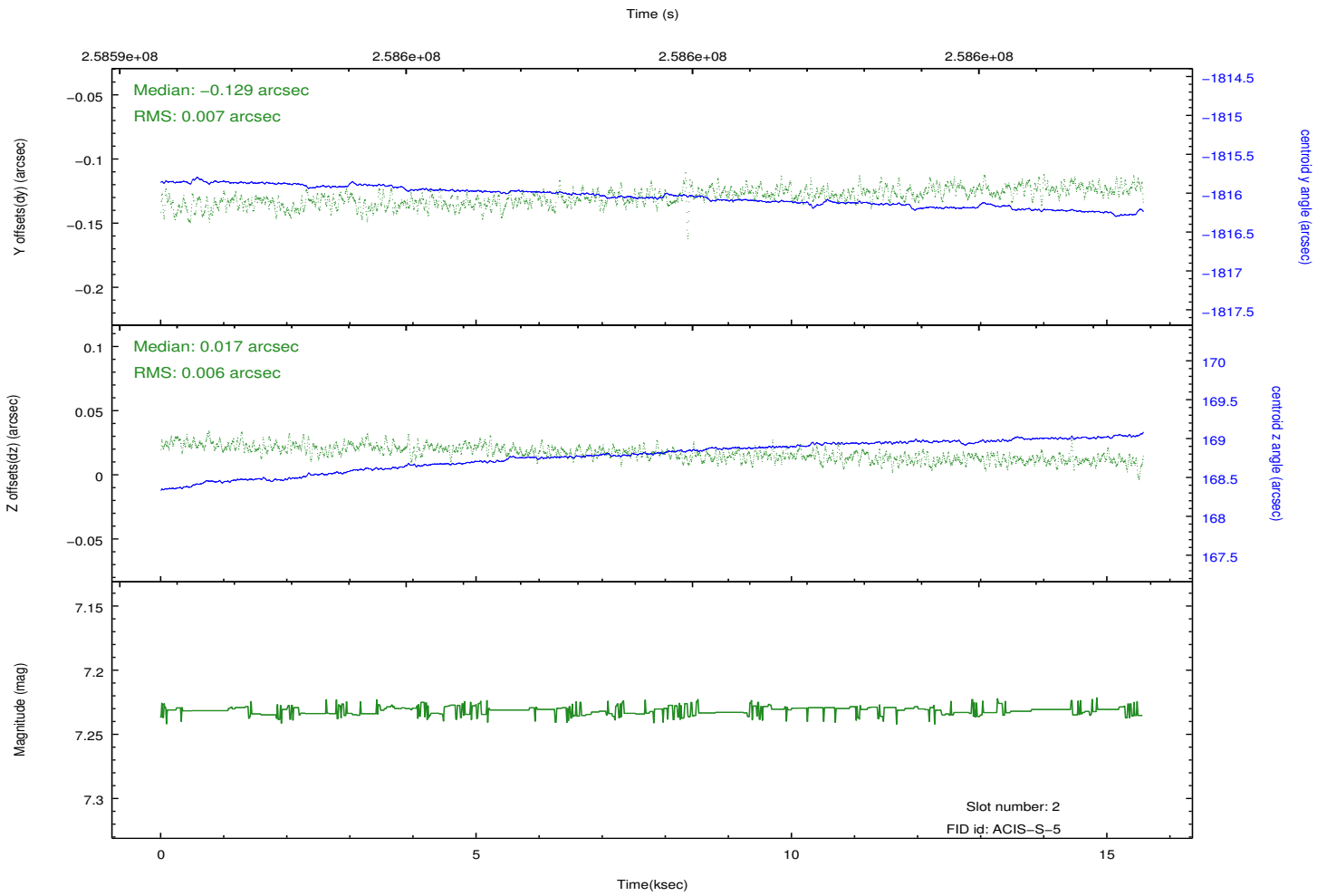
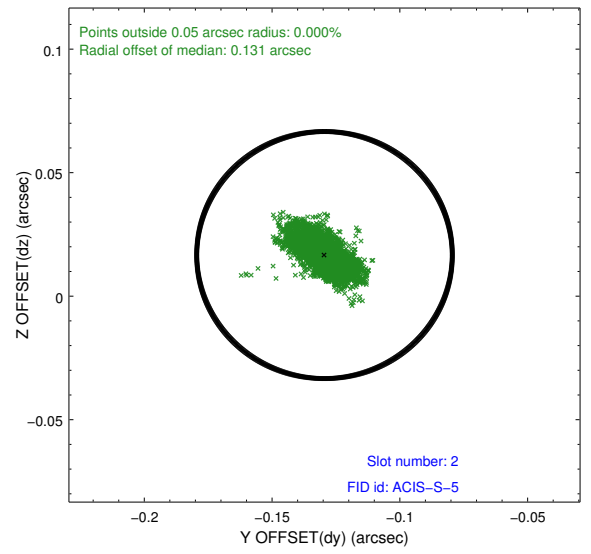
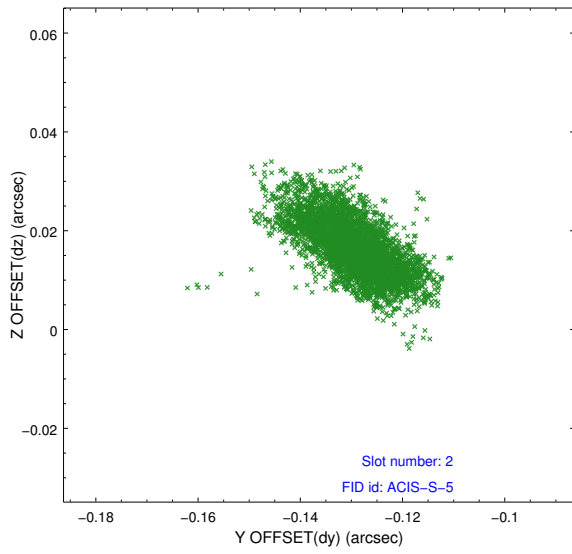
2.5.1 Slot 0



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)	2012.03.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.9087999

A.2 Comments