

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2018 - L2 Version 3
Chandra X-Ray Center

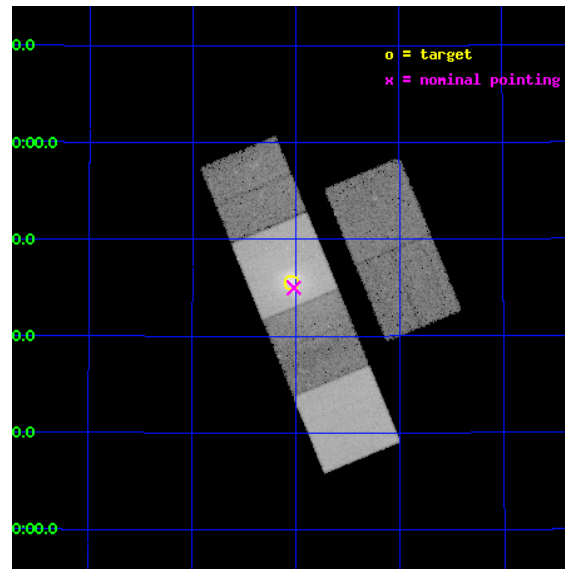
L2 Processing Date : Sep 22 2012

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1 Front

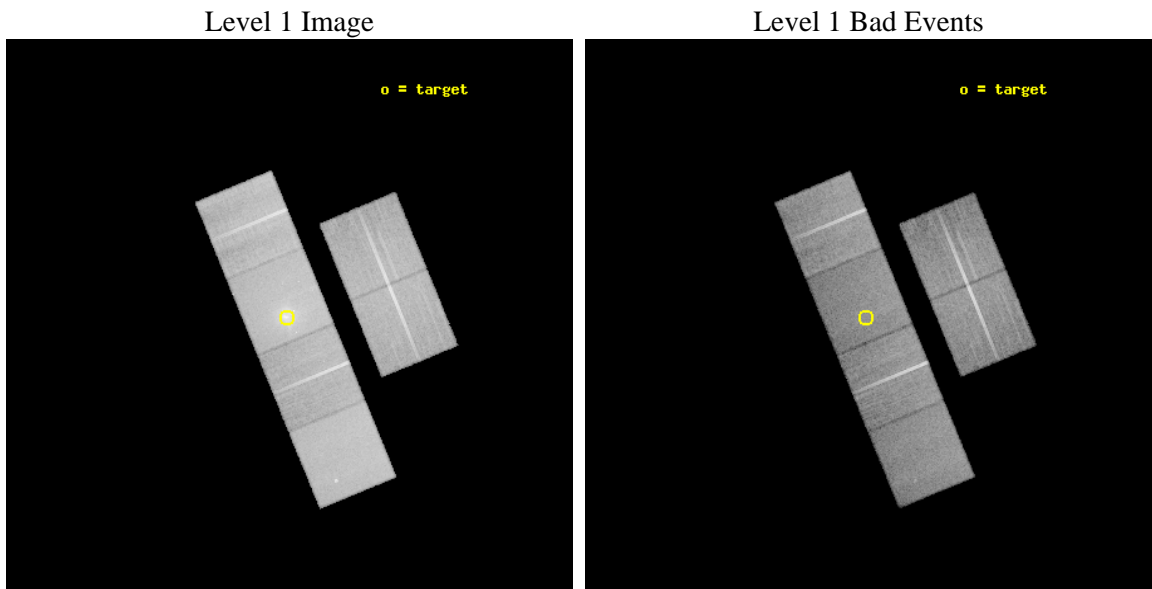
seq_num	600152	Sequence number
obs_id	2018	Observation id
title	THE SHOCK IN IC1262	Proposal title
observer	Dr. Ginevra Trinchieri	Principal investigator
object	IC1262	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.2625	Observer's specified target RA [deg]
dec_targ	43.758333	Observer's specified target Dec [deg]
ra_nom	263.25521860579	Nominal RA [deg]
dec_nom	43.750121167932	Nominal Dec [deg]
roll_nom	247.60072384706	Nominal Roll [deg]
revision	3	Processing version of data
ontime	31129.600028977	Sum of GTIs [s]
livetime	30735.418289415	Livetime [s]
ontime2	31129.600028977	Sum of GTIs [s]
ontime3	31129.600028977	Sum of GTIs [s]
ontime5	31129.600028977	Sum of GTIs [s]
ontime6	31129.600028977	Sum of GTIs [s]
ontime7	31129.600028977	Sum of GTIs [s]
ontime8	31129.600028977	Sum of GTIs [s]
l2events	385413	Number of level 2 events



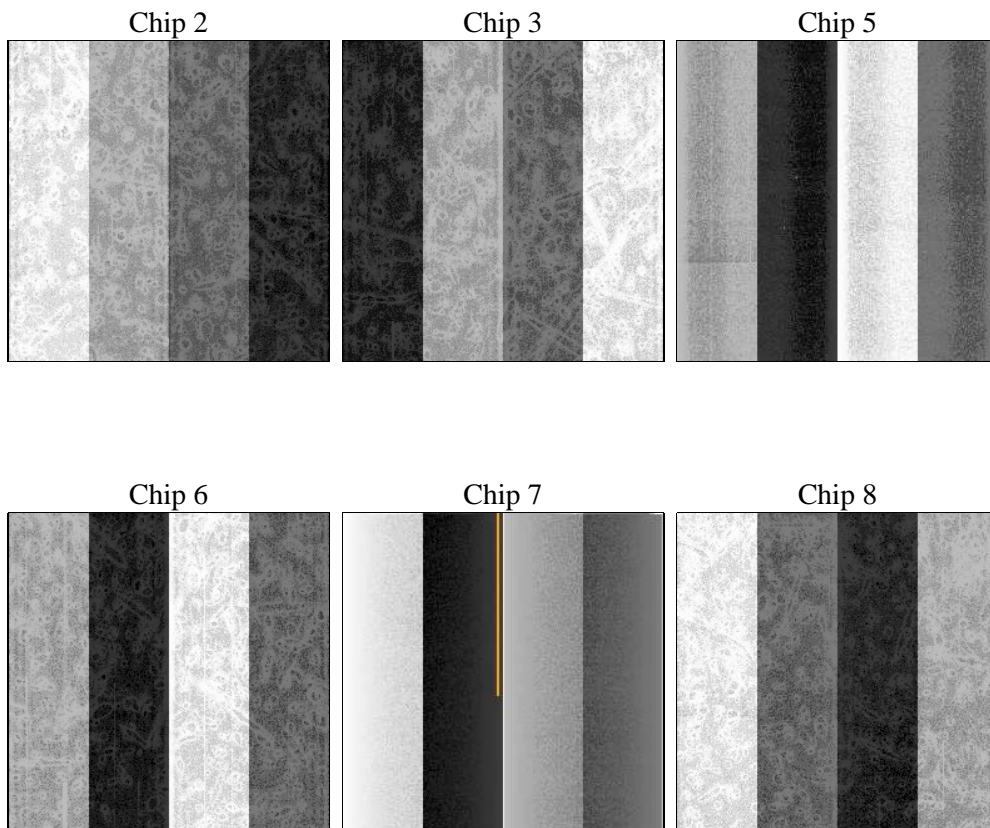
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	31000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	31129.600028977	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	31129.600028977	Sum of GTIs [s]
date	2012-09-22T08:36:42	Date and time of file creation	ontime3	31129.600028977	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	31129.600028977	Sum of GTIs [s]
			ontime6	31129.600028977	Sum of GTIs [s]
			ontime7	31129.600028977	Sum of GTIs [s]
			ontime8	31129.600028977	Sum of GTIs [s]
			l1events	1554352	Number of level 1 events

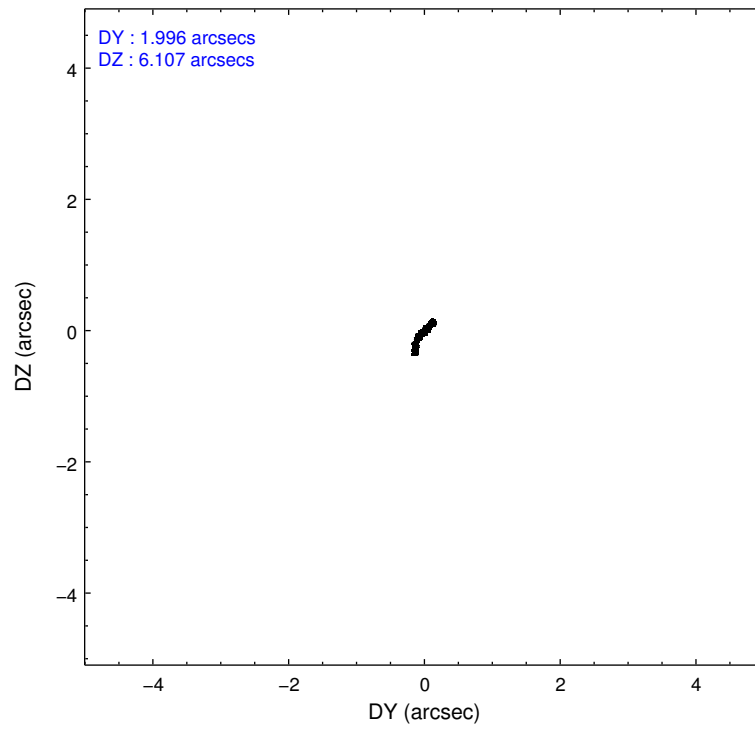
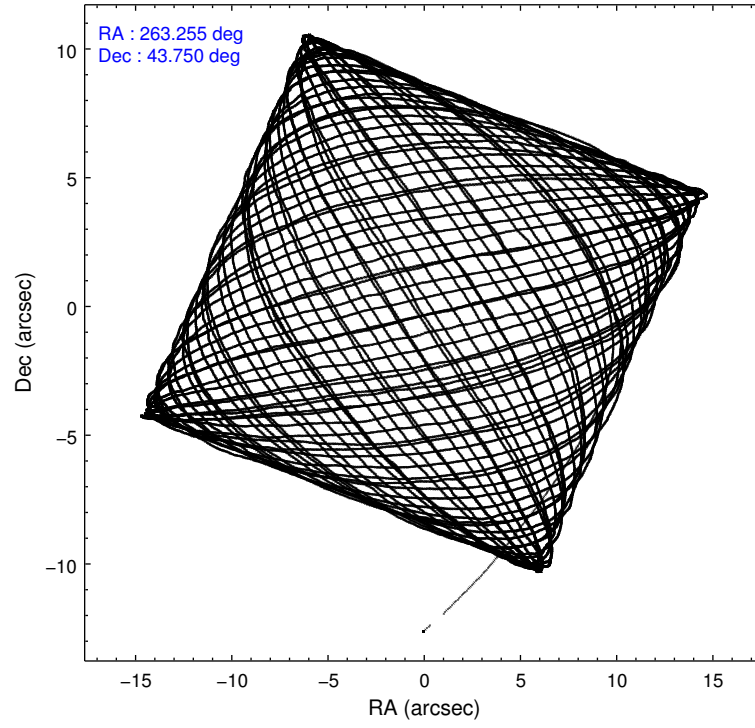
2.1.4 Events

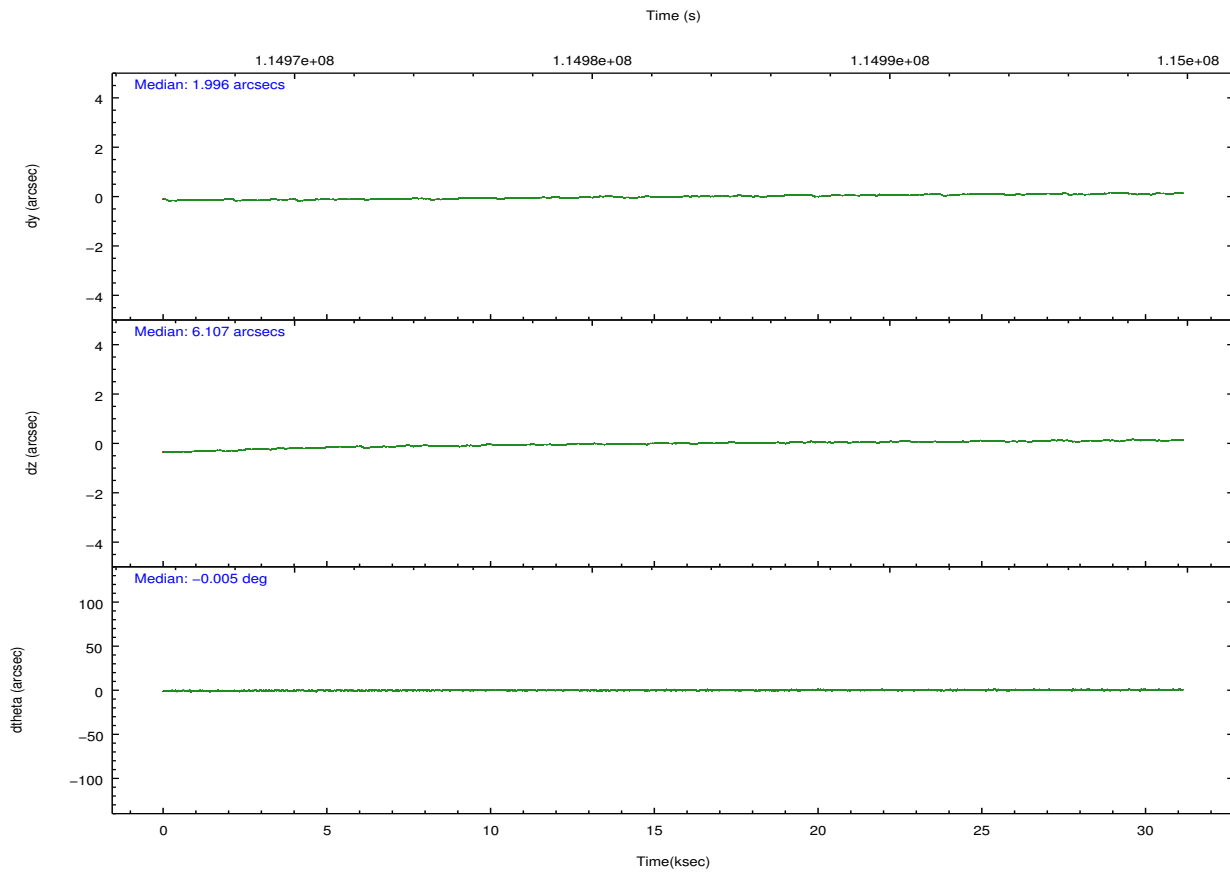
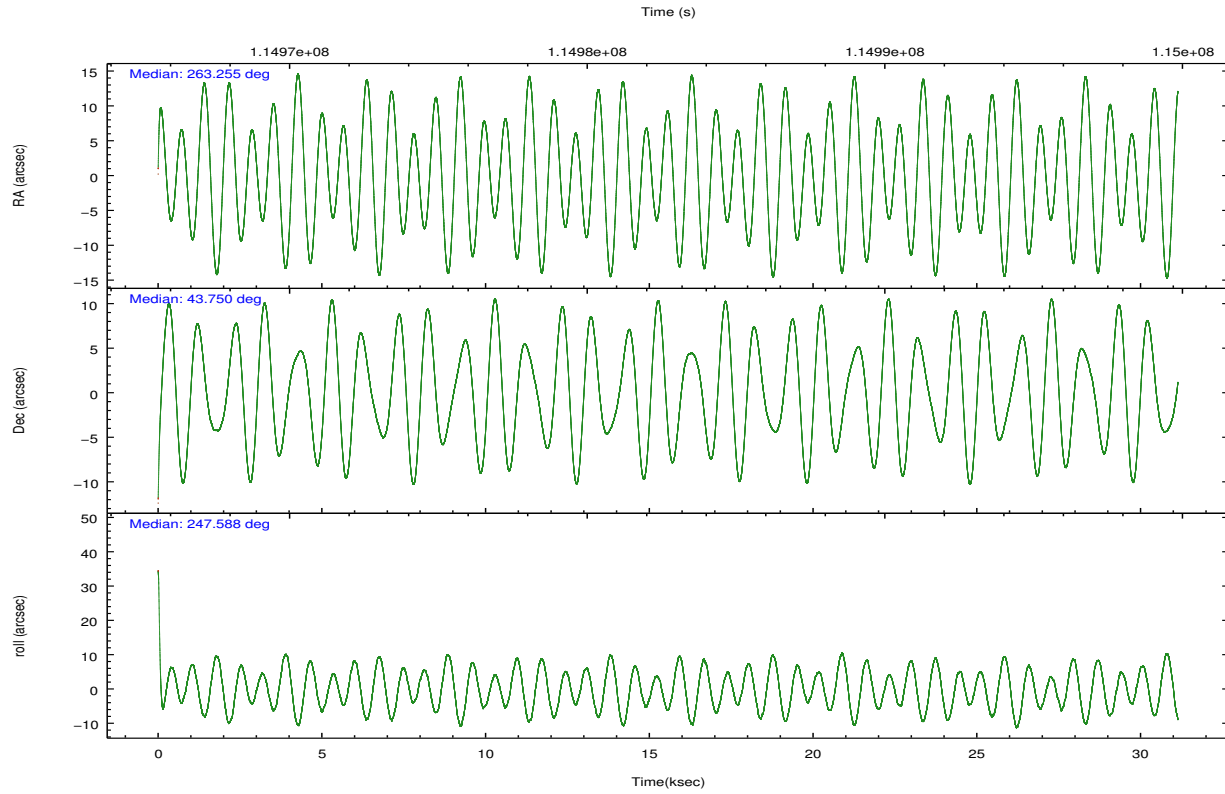
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	219493	210949	293476	221173	332683	276578	grade 0 events	11207	10970	10214	15990	31812	20705
rejected events	195274	187250	166016	190616	161305	215039		5%	5%	3%	7%	9%	7%
rejected %	88%	88%	56%	86%	48%	77%	grade 1 events	99	101	309	100	253	174
								0%	0%	0%	0%	0%	0%
							grade 2 events	5364	4919	40378	5658	38693	12938
								2%	2%	13%	2%	11%	4%
							grade 3 events	2295	2347	6260	2518	17796	7563
								1%	1%	2%	1%	5%	2%
							grade 4 events	2202	2254	5788	2604	17293	6926
								1%	1%	1%	1%	5%	2%
							grade 5 events	7293	7899	22221	8706	25745	11046
								3%	3%	7%	3%	7%	3%
							grade 6 events	4269	4295	71225	5011	71426	15994
								1%	2%	24%	2%	21%	5%
							grade 7 events	186764	178164	137081	180586	129665	201232
								85%	84%	46%	81%	38%	72%

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	263.249809	263.2552186057851	Subarray requested	NONE	NONE
[deg] Pointing Dec	43.777116	43.75012116793178	Alternating exposures requested	N	N
[deg] Pointing Roll	247.447828	247.6007238470564	[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)	114967285.184000	114965504.66355			
Observation start date	2001-08-23T15:20:21	2001-08-23T14:51:44			
[s] Observation end time (MET)	114998285.184000	114998797.17736			
Observation end date	2001-08-23T23:57:01	2001-08-24T00:06:37			
Read mode	TIMED	TIMED			

2.3 Aspect



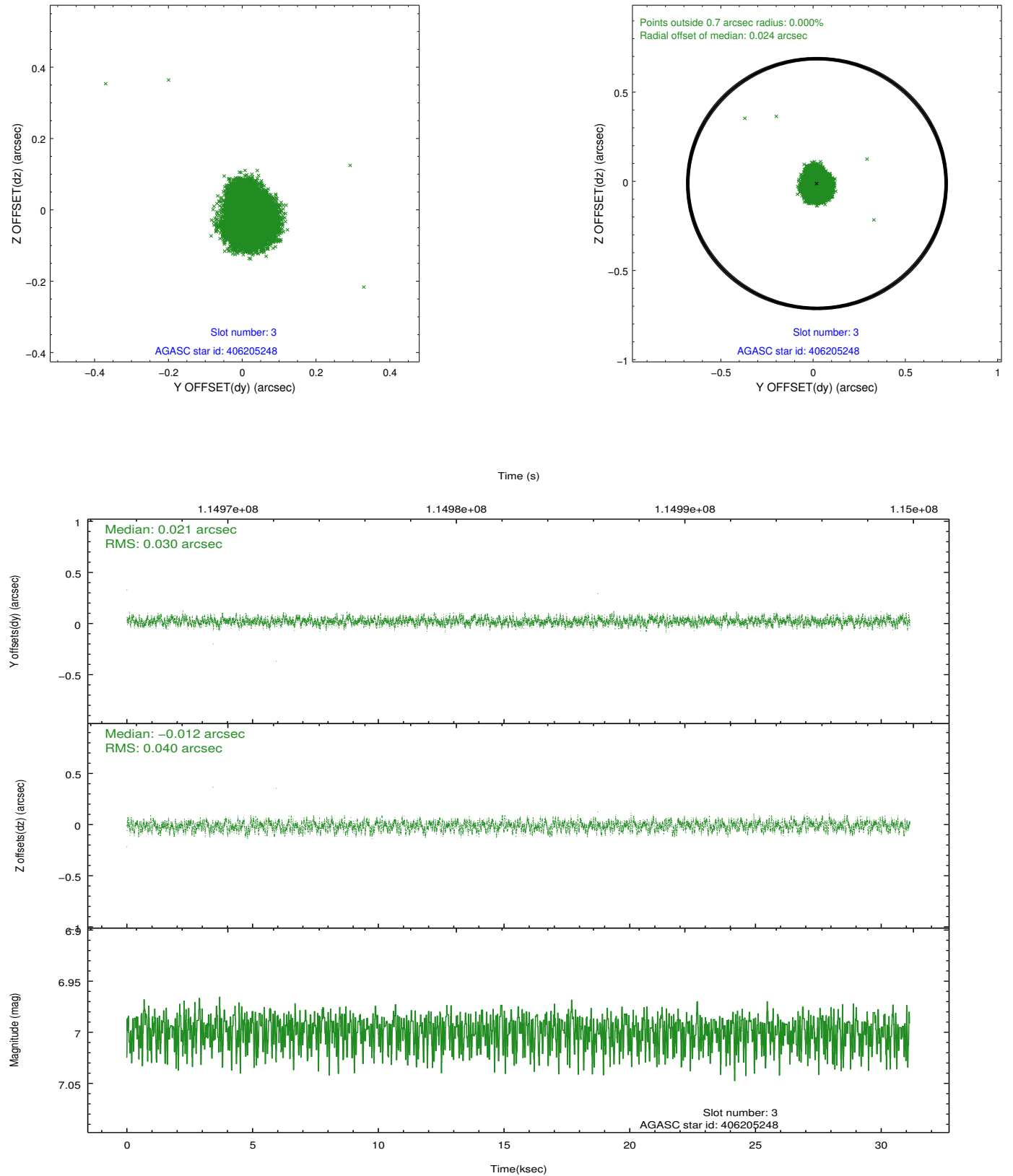


Slot Statistics

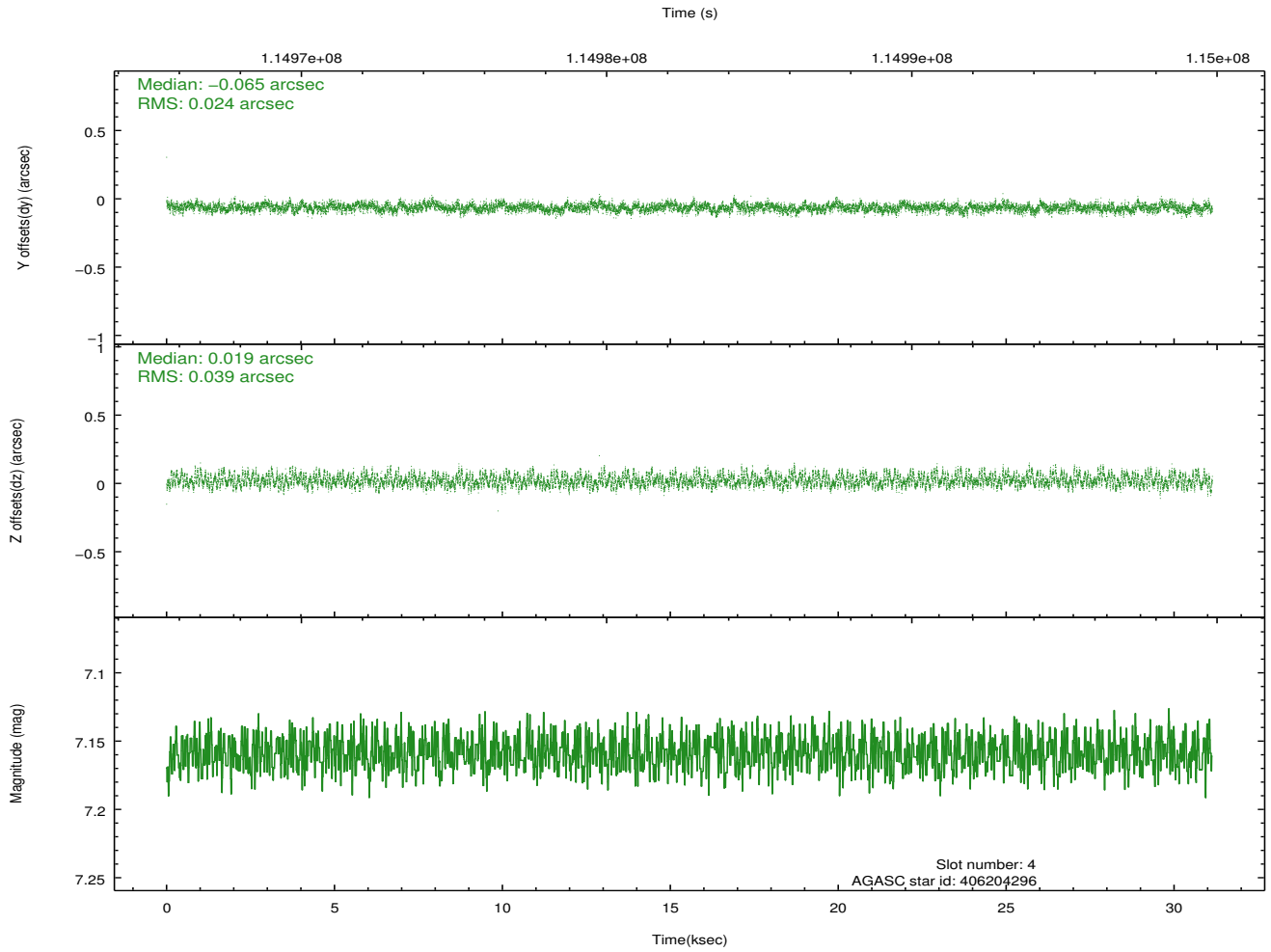
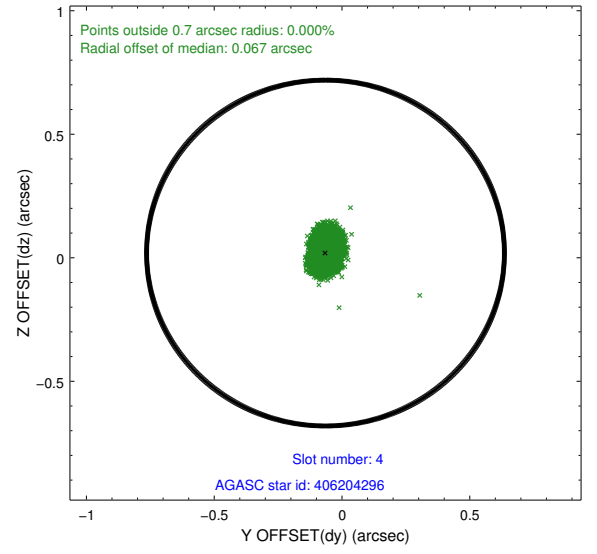
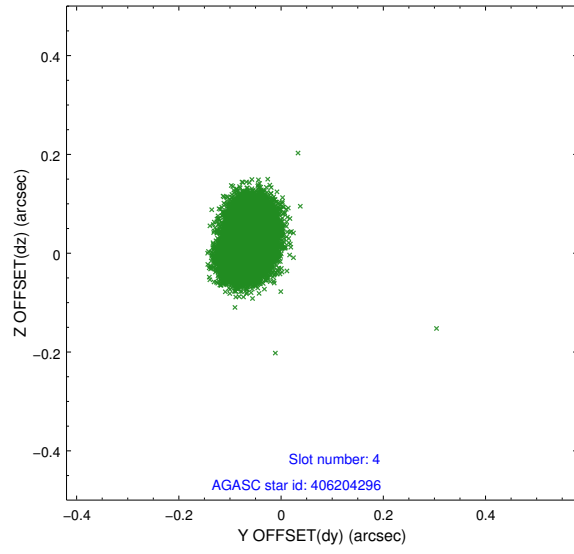
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7595	-0.041	0.003	0.007	0.011	0.000000	0.000000	-754.60	-1727.23
1	FID	ACIS-S-4	7.20	7595	-0.033	0.019	0.005	0.010	0.000000	0.000000	2158.61	181.27
2	FID	ACIS-S-5	7.24	7595	0.043	-0.013	0.007	0.012	0.000000	0.000000	-1807.32	174.89
3	GUIDE	406205248	7.00	15190	0.021	-0.012	0.054	0.085	263.672548	43.397249	836.57	1545.43
4	GUIDE	406204296	7.16	15191	-0.065	0.019	0.049	0.080	263.626842	43.500898	538.97	1290.51
5	GUIDE	406203280	8.04	15187	0.049	-0.008	0.048	0.077	262.805189	43.558767	1168.78	-770.12
6	GUIDE	406202040	8.47	15187	0.018	0.010	0.061	0.097	263.507788	43.511623	623.86	988.80
7	GUIDE	406070104	8.37	15185	-0.024	-0.010	0.060	0.097	262.311530	43.469752	1950.34	-1843.88

2.4 Star Slots

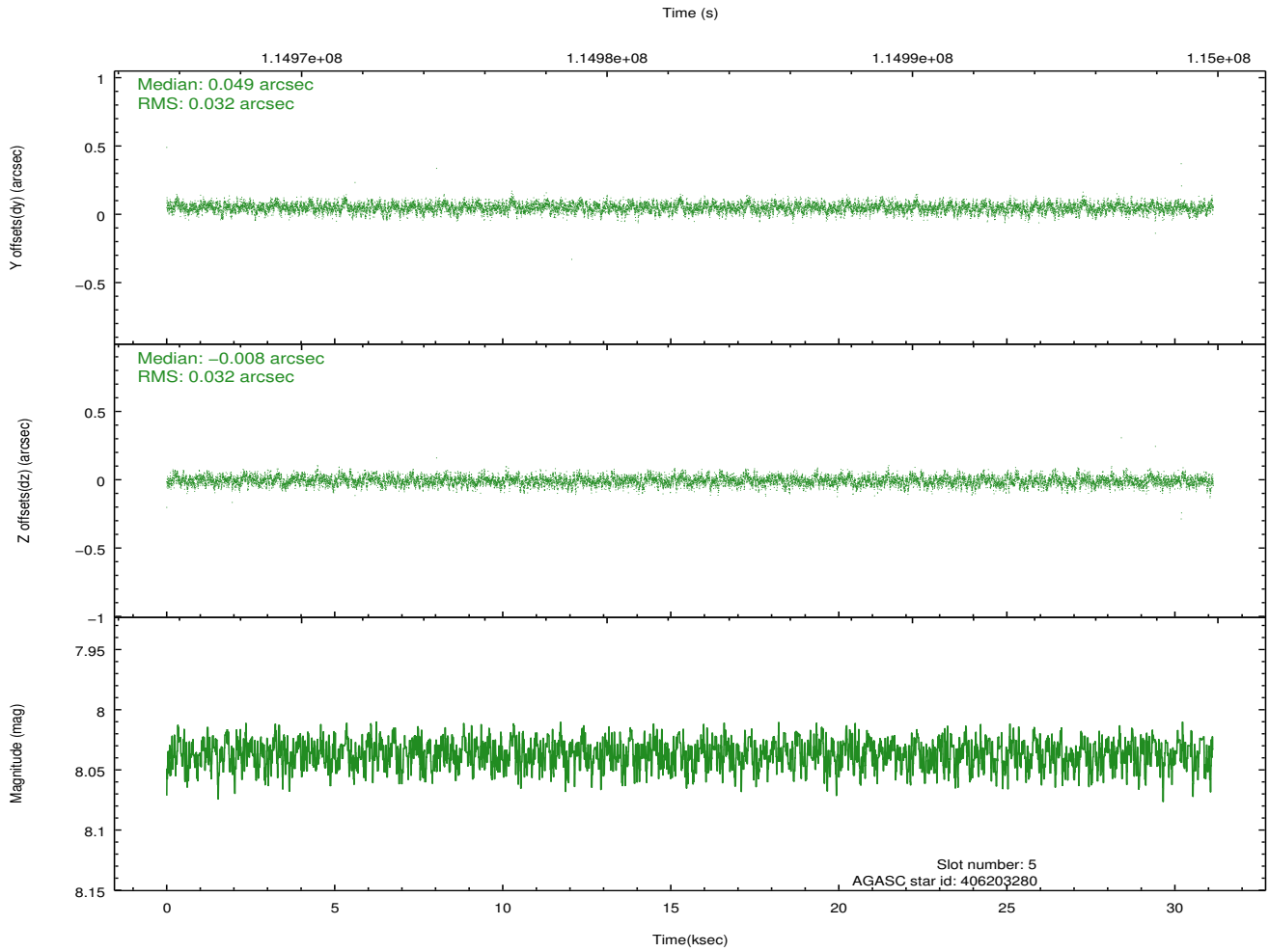
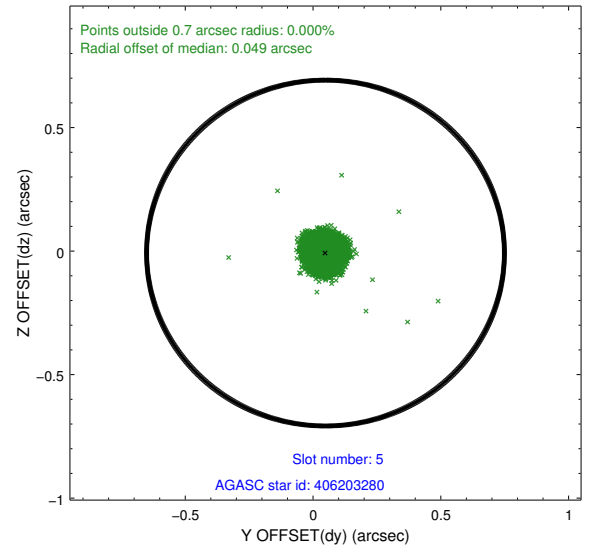
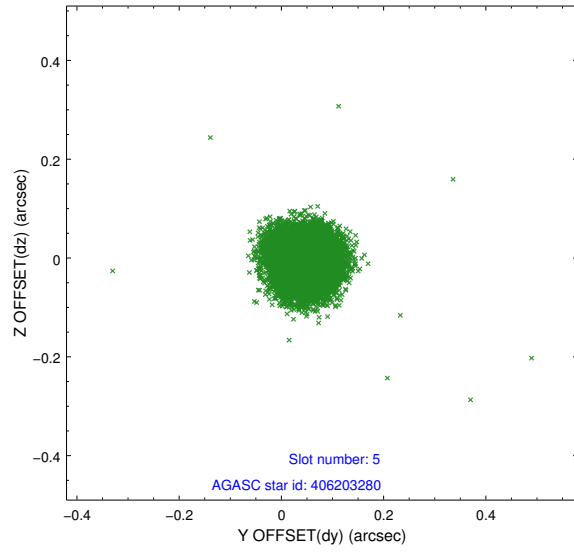
2.4.1 Slot 3



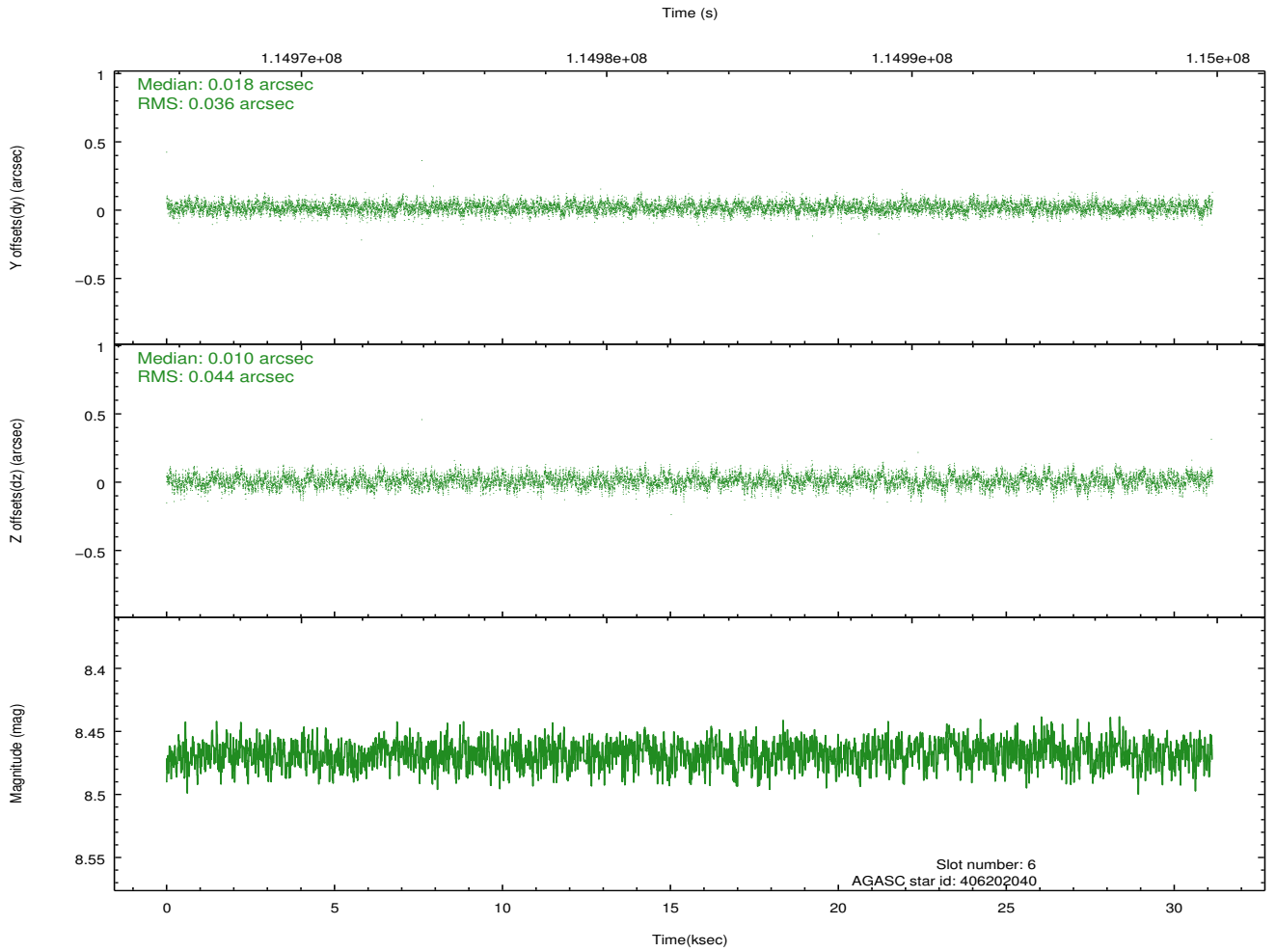
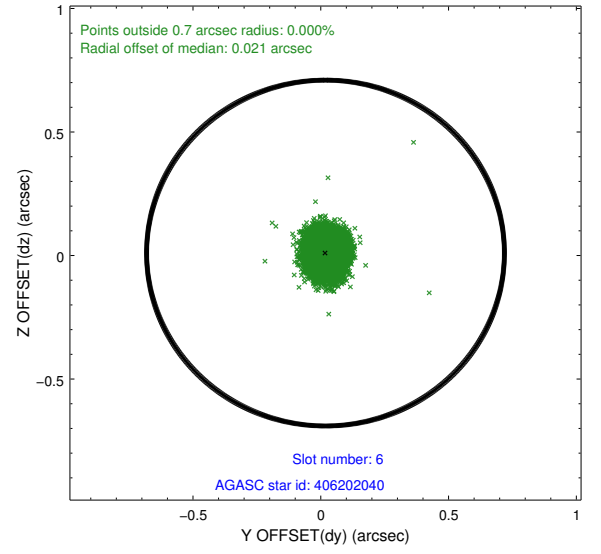
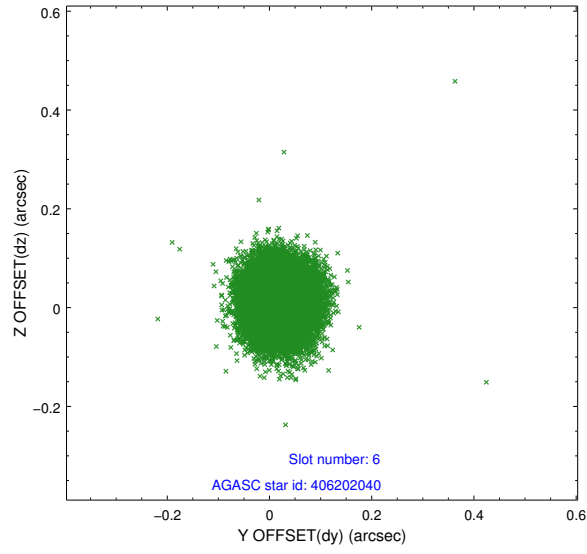
2.4.2 Slot 4



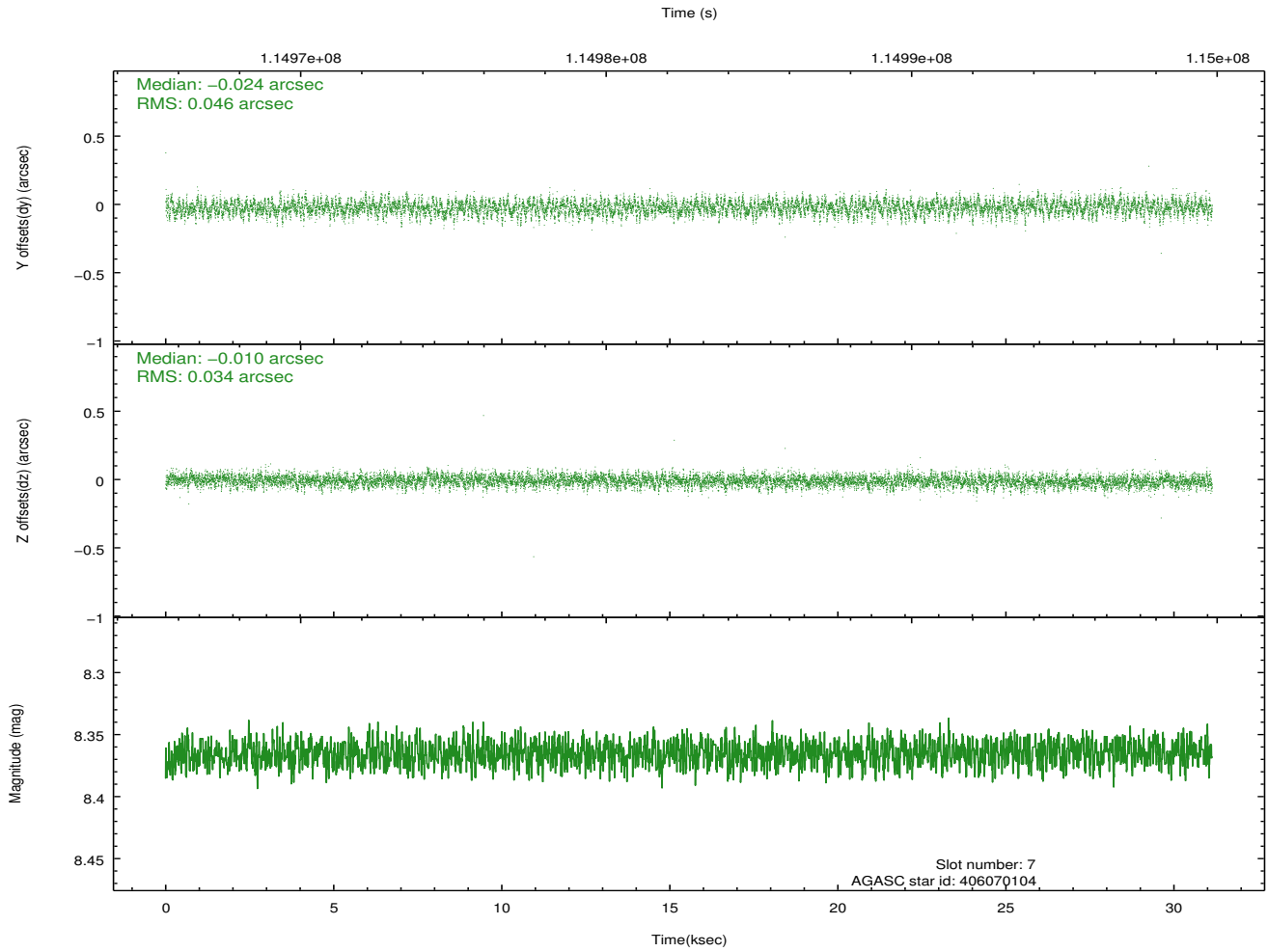
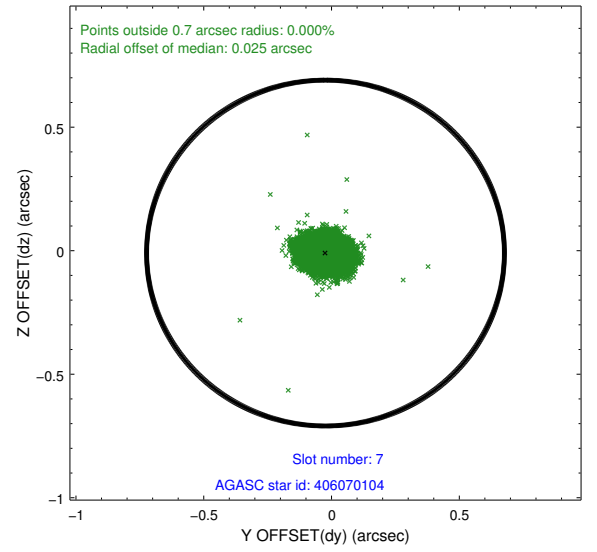
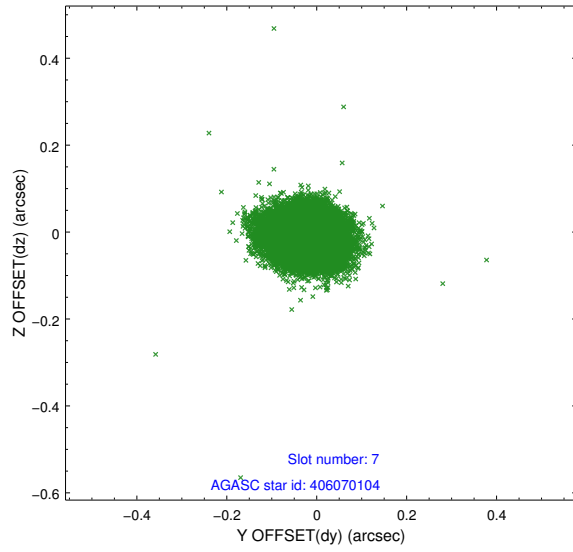
2.4.3 Slot 5



2.4.4 Slot 6

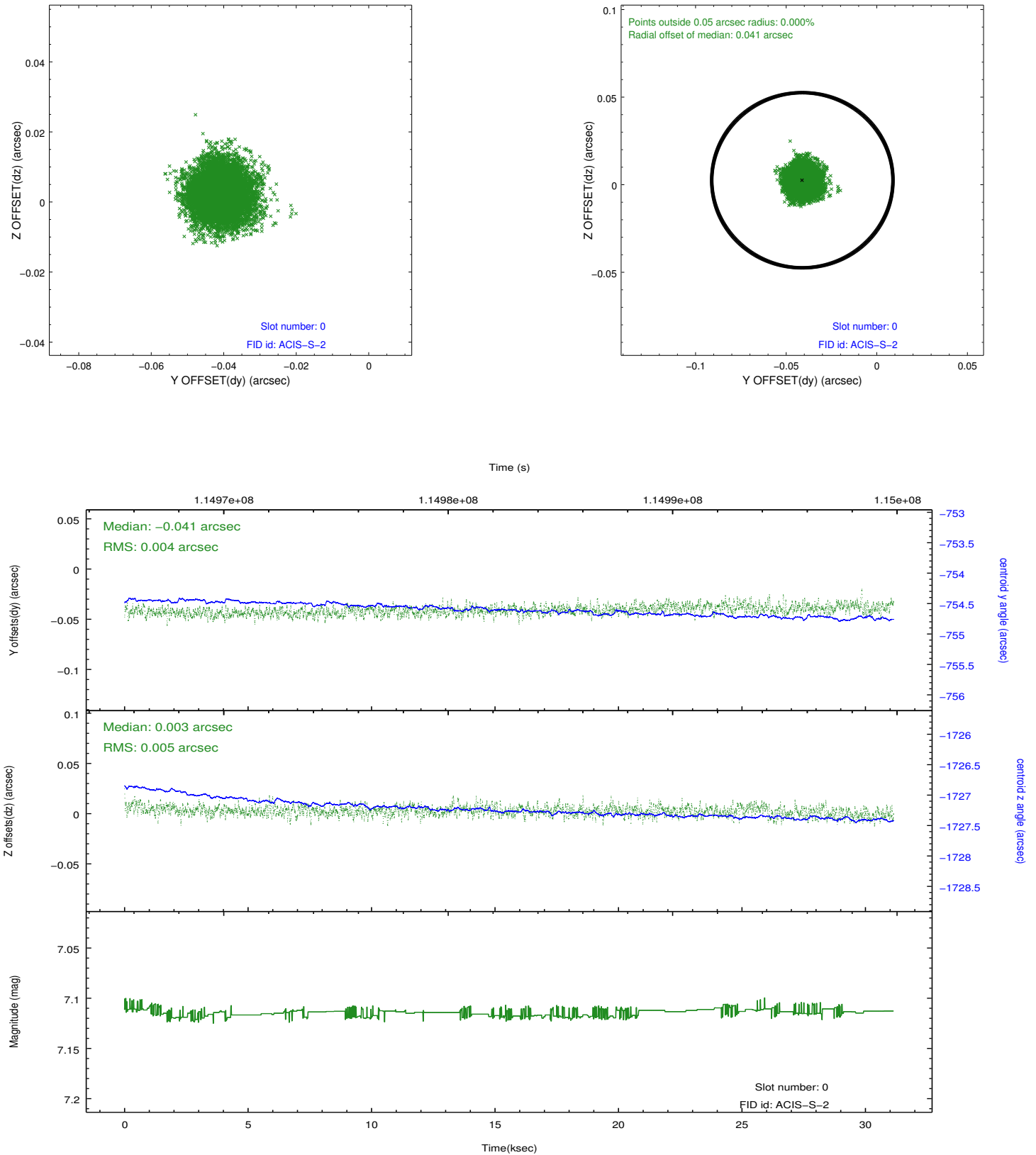


2.4.5 Slot 7

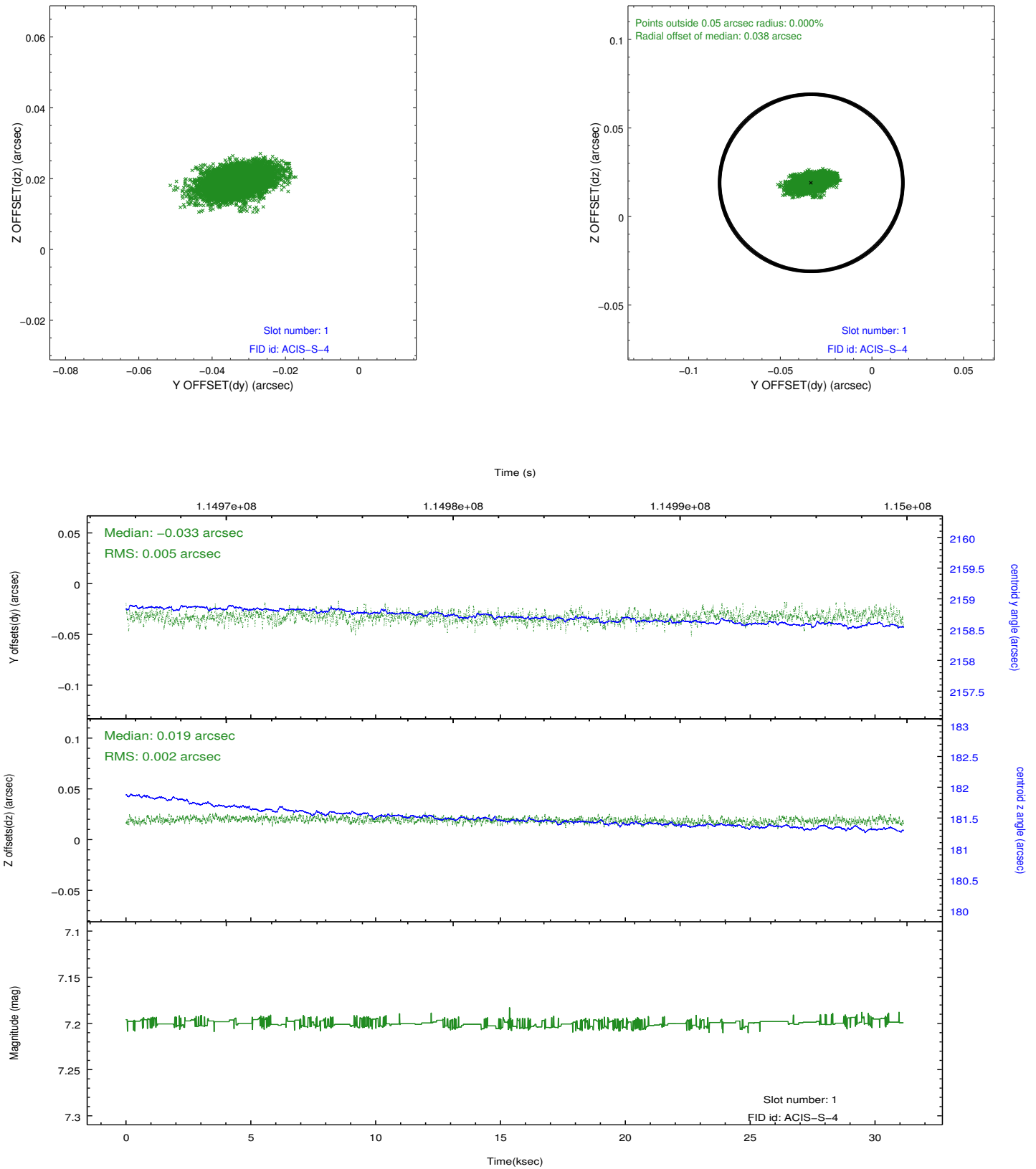


2.5 FID Slots

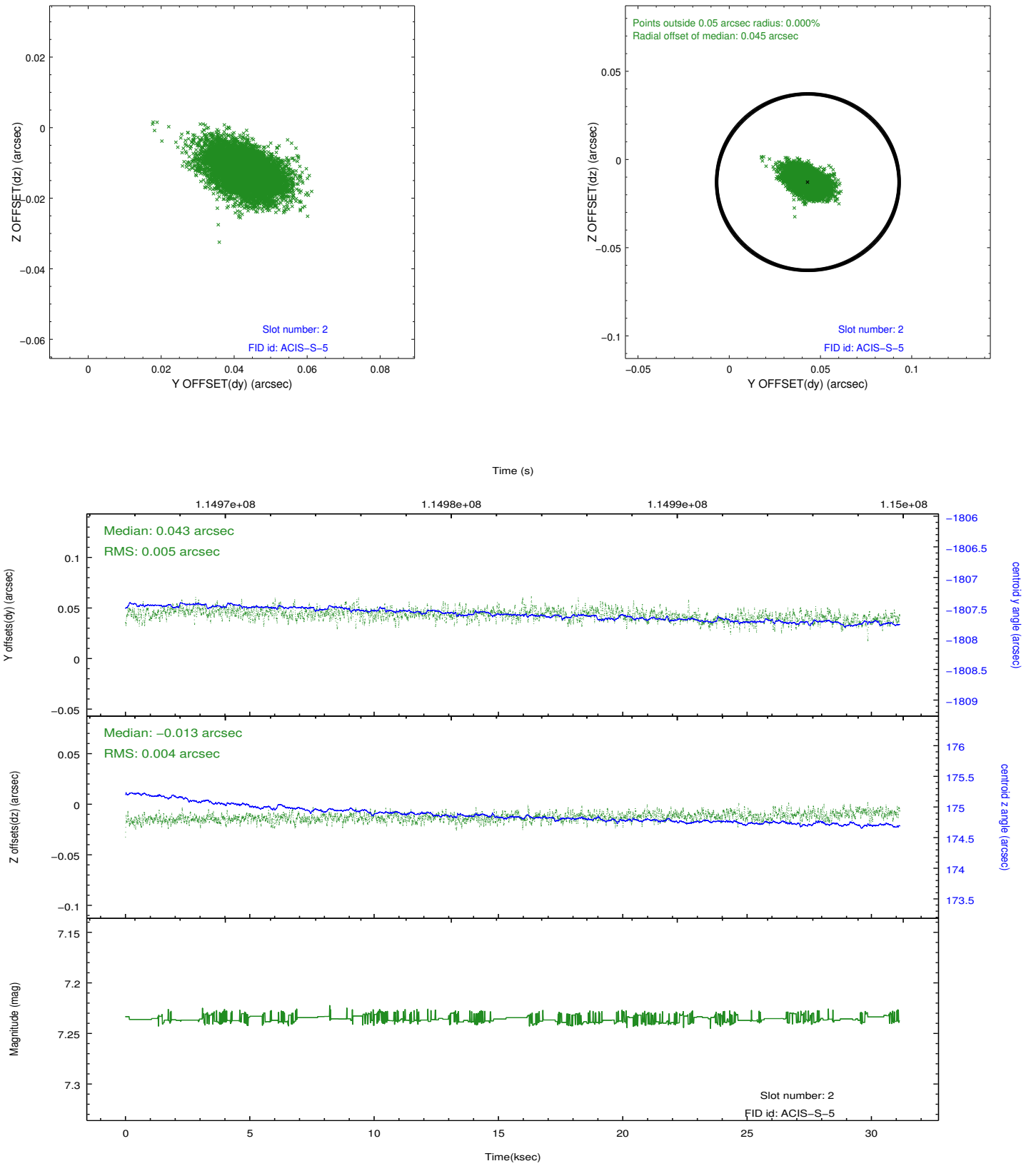
2.5.1 Slot 0



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)	2012.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.13

A.2 Comments