

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2807 - L2 Version 001
Chandra X-Ray Center

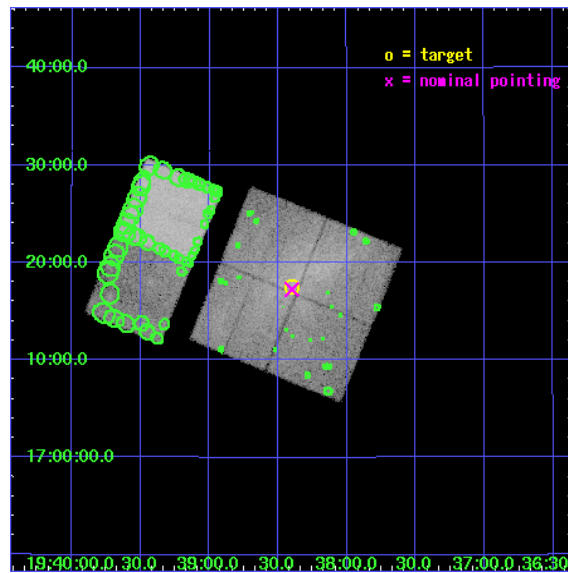
L2 Processing Date : Oct 9 2006

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1 Front

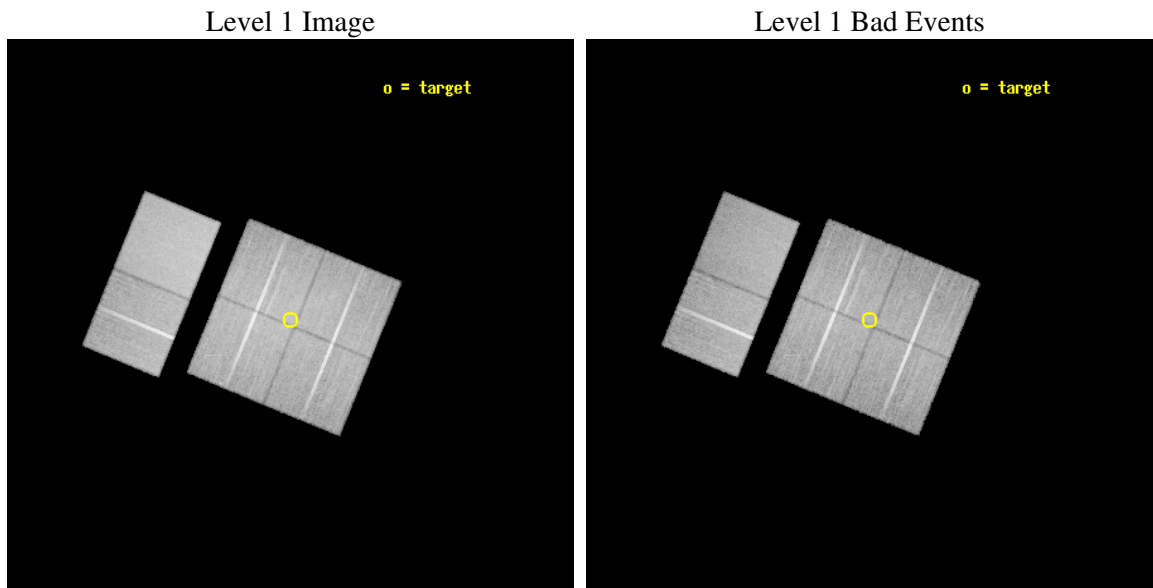
seq_num	500257
obs_id	2807
title	A CHANDRA SURVEY FOR COMPACT OBJECTS IN SUPERNOVA REMNANTS
observer	Prof. Shrinivas Kulkarni
object	G053.6-2.2
dtcycle	0
cycle	P
ra_targ	294.6
dec_targ	17.292222
ra_nom	294.59993563791
dec_nom	17.287566415859
roll_nom	292.33828261819
revision	2
ontime	34454.317951113
livetime	34018.036631316
ontime0	34460.799871624
ontime1	34457.558911324
ontime2	34444.595010489
ontime3	34454.317951113
ontime6	34460.799871624
ontime7	34460.799871624
l2events	289289



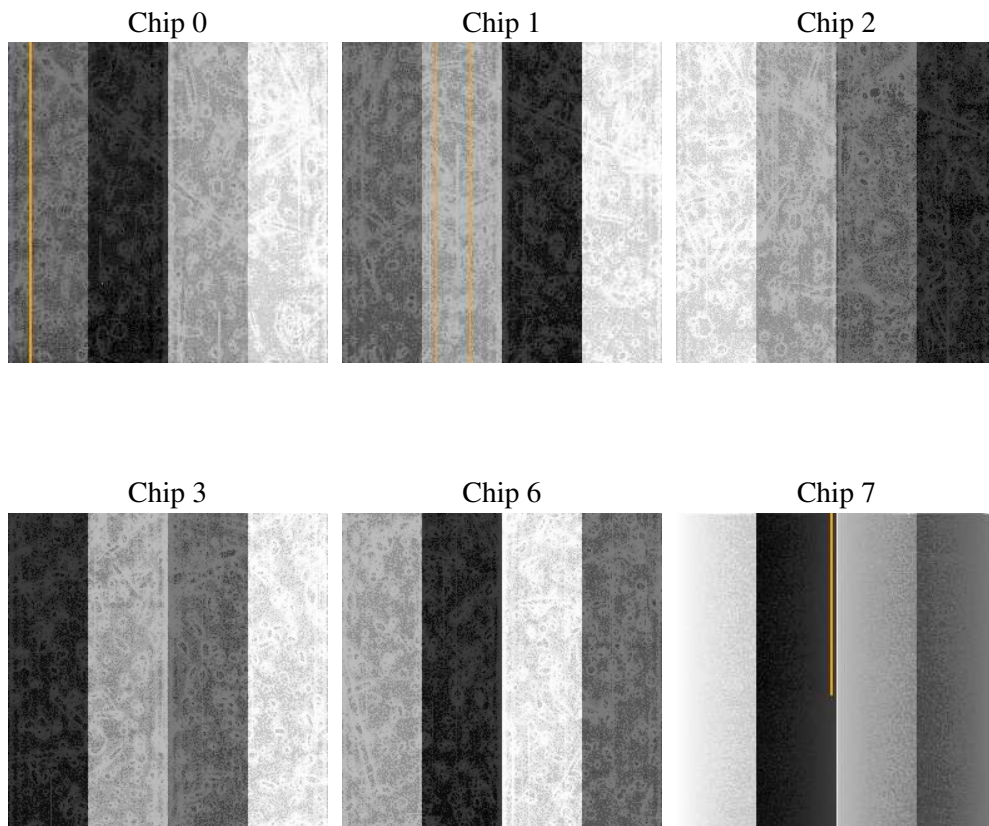
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-09T12:06:02
revision	2

sched_exp_time	34500.000000
ontime	34458.31038335
ontime0	34464.79230386
ontime1	34461.55134356
ontime2	34448.587442726
ontime3	34458.31038335
ontime6	34464.79230386
ontime7	34464.79230386
l1events	1413687

2.1.4 Events

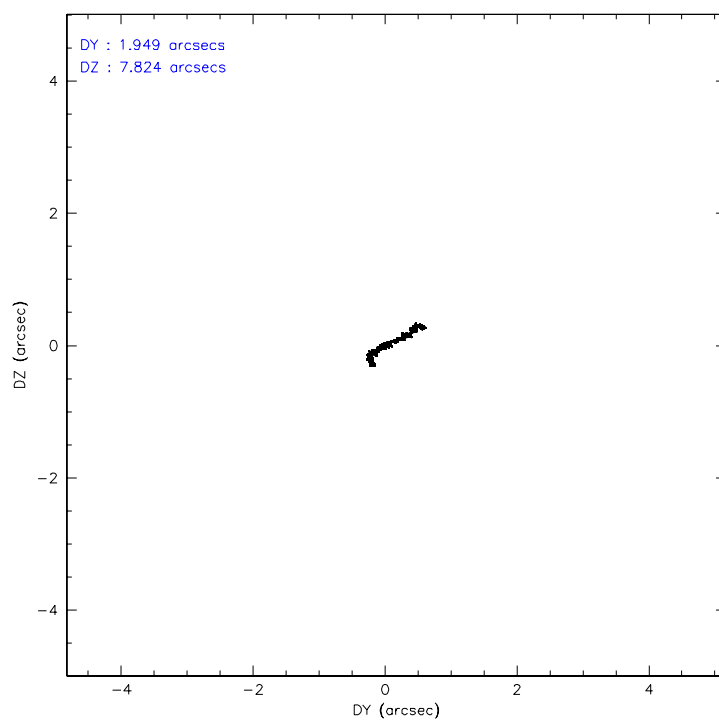
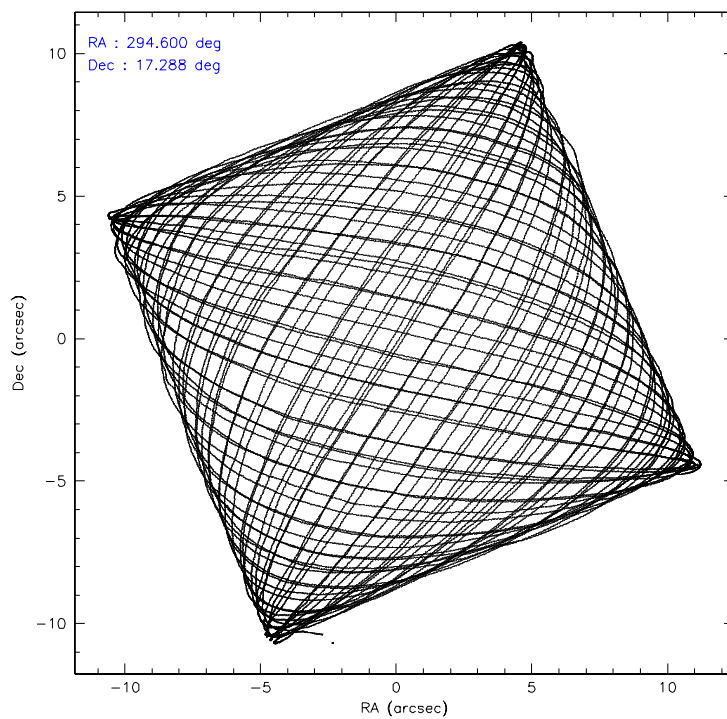
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	207929	221143	240020	234061	224718	285816
rejected events	172267	171722	194101	190717	195561	174965
rejected %	82%	77%	80%	81%	87%	61%

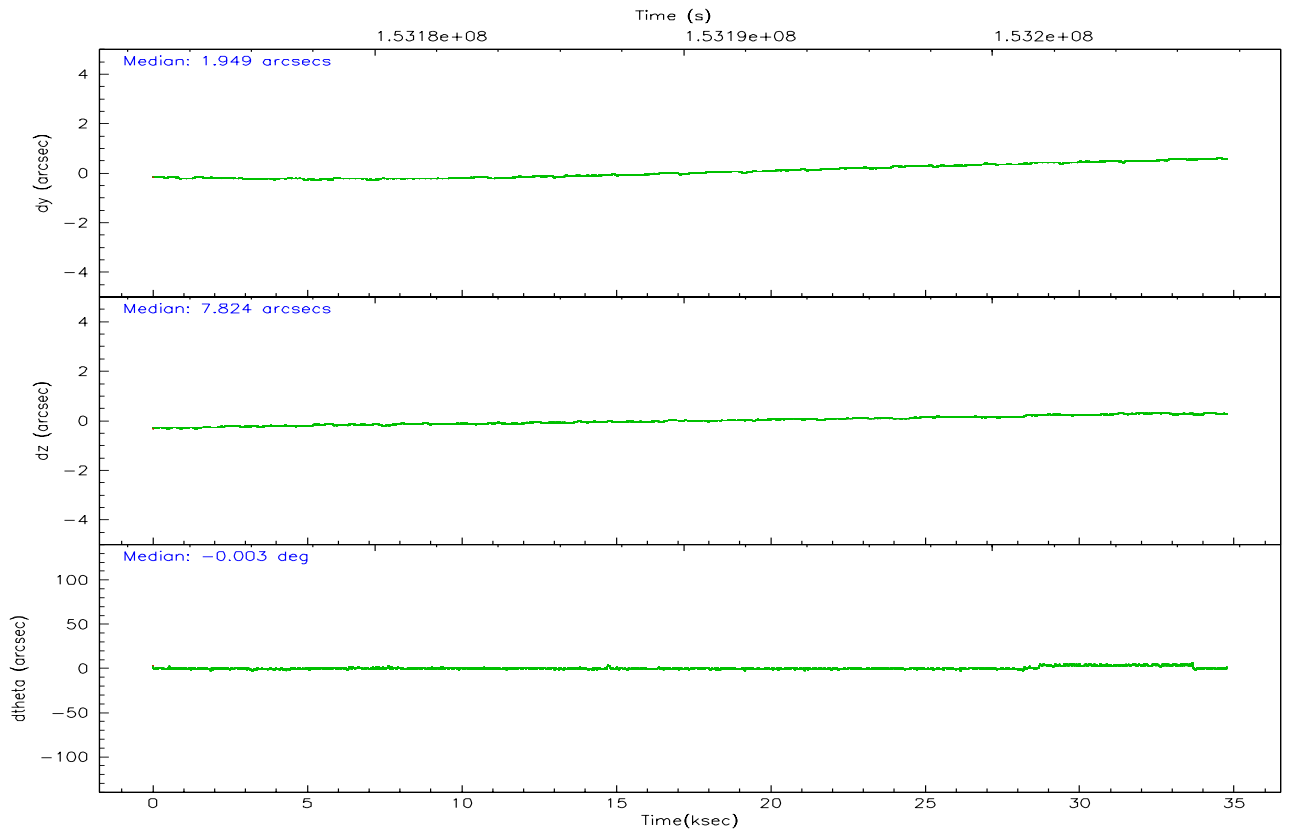
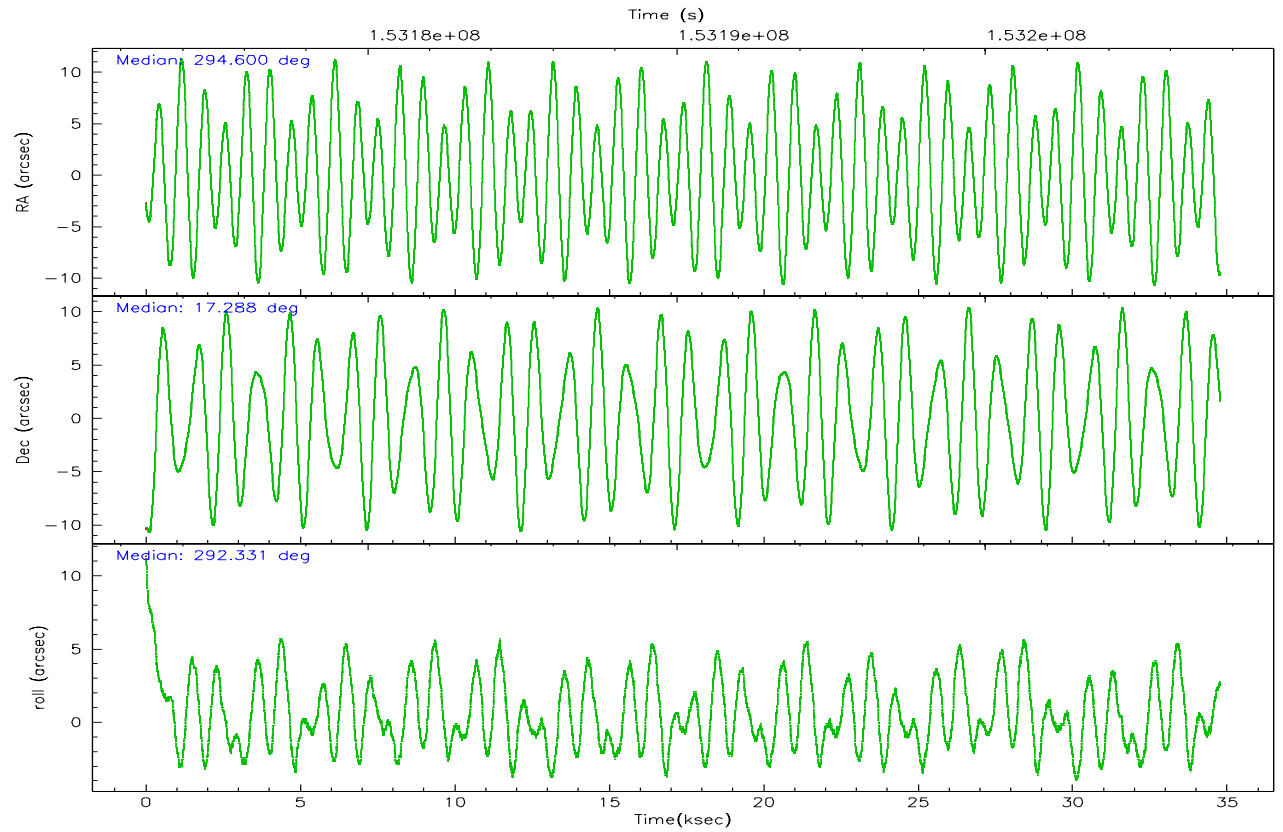
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	19731	30385	29710	26972	13141	7033
	9%	13%	12%	11%	5%	2%
grade 1 events	152	145	203	169	126	183
	0%	0%	0%	0%	0%	0%
grade 2 events	6126	7616	6588	6153	5619	27641
	2%	3%	2%	2%	2%	9%
grade 3 events	2660	3124	2702	2863	2552	5962
	1%	1%	1%	1%	1%	2%
grade 4 events	2635	3090	2652	2890	2534	6059
	1%	1%	1%	1%	1%	2%
grade 5 events	8203	8741	8081	9434	9778	19363
	3%	3%	3%	4%	4%	6%
grade 6 events	4514	5208	4276	4473	5312	64162
	2%	2%	1%	1%	2%	22%
grade 7 events	163908	162834	185808	181107	185656	155413
	78%	73%	77%	77%	82%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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
Pointing RA	294.577168	294.5999356379131	Subarray requested	NONE	NONE
Pointing Dec	17.304226	17.28756641585898	Alternating exposures requested	N	N
Pointing Roll	292.136368	292.3382826181903	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	153173093.184000	153172088.06324			
Observation start date	2002-11-08T20:03:49	2002-11-08T19:48:08			
Observation end time	153207593.184000	153208225.46474			
Observation end date	2002-11-09T05:38:49	2002-11-09T05:50:25			
Read mode	TIMED	TIMED			

2.3 Aspect



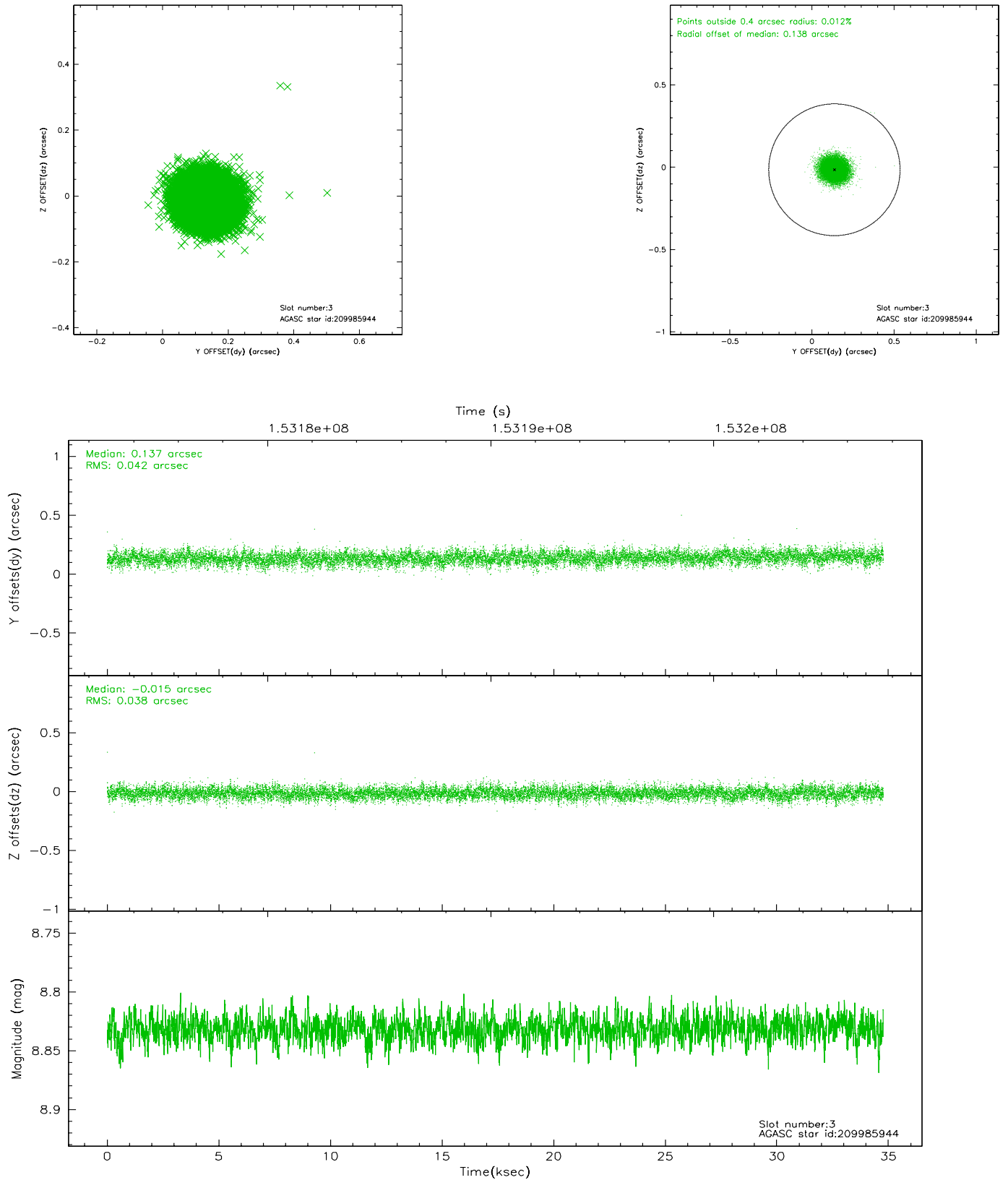


Slot Statistics

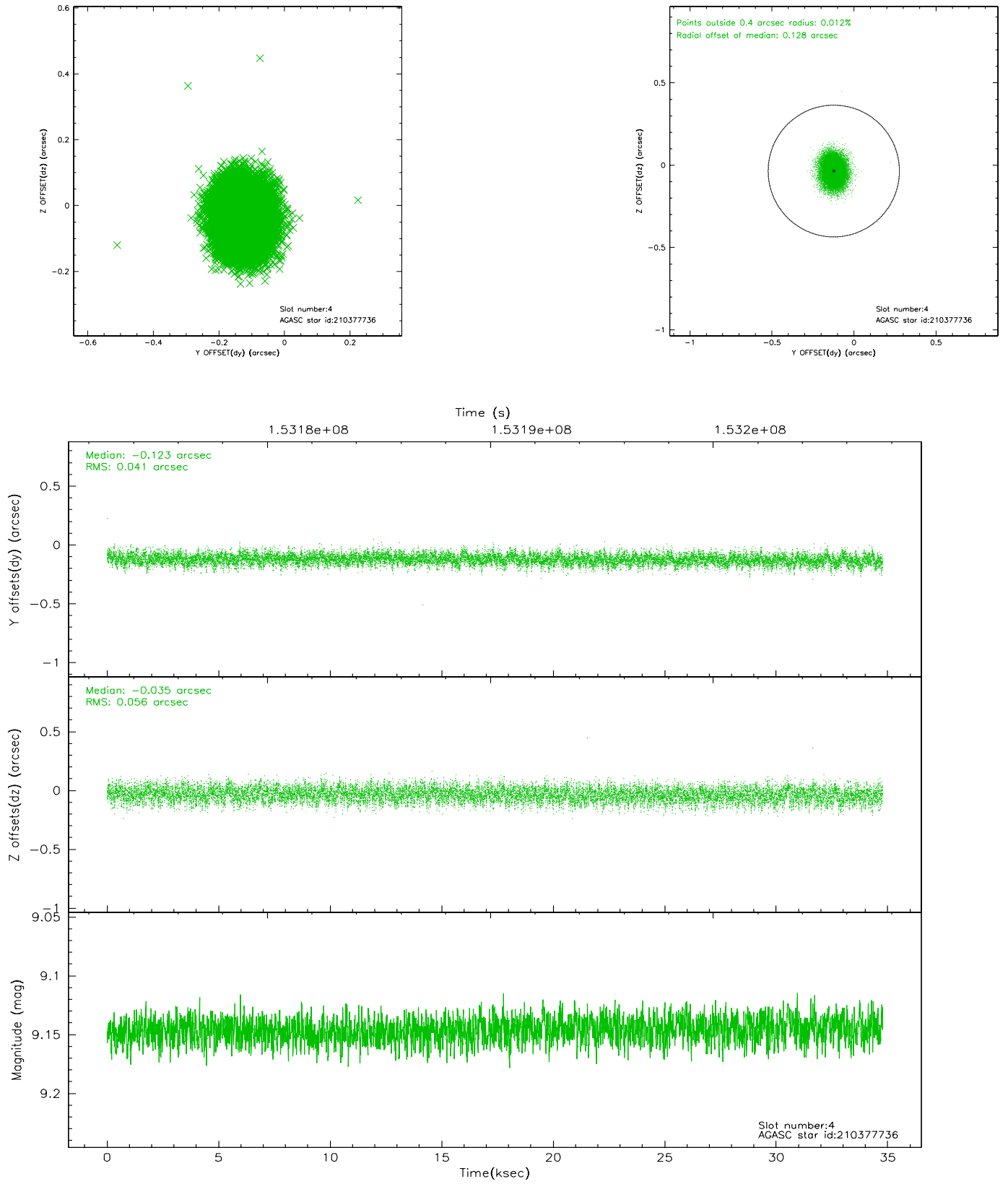
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	8479	-0.034	-0.050	0.013	0.021	0.000000	0.000000	-756.39	-837.68
1	FID	ACIS-I-4	7.18	8476	-0.035	0.041	0.016	0.040	0.000000	0.000000	2157.62	1068.61
2	FID	ACIS-I-5	7.23	8479	-0.032	0.078	0.018	0.048	0.000000	0.000000	-1810.20	1066.48
3	GUIDE	209985944	8.83	16958	0.137	-0.015	0.060	0.098	294.922624	16.779816	2197.37	392.57
4	GUIDE	210377736	9.15	16955	-0.123	-0.035	0.074	0.120	293.829367	17.517628	-1682.55	-2086.56
5	GUIDE	210381744	8.63	16959	-0.011	-0.033	0.080	0.128	293.950489	16.974159	285.37	-2444.74
6	GUIDE	210516488	7.04	16962	-0.134	-0.037	0.064	0.103	295.045724	17.899253	-1380.76	2294.80
7	GUIDE	210514864	9.77	16949	0.133	0.119	0.098	0.162	295.162963	17.085912	1485.50	1573.01

2.4 Star Slots

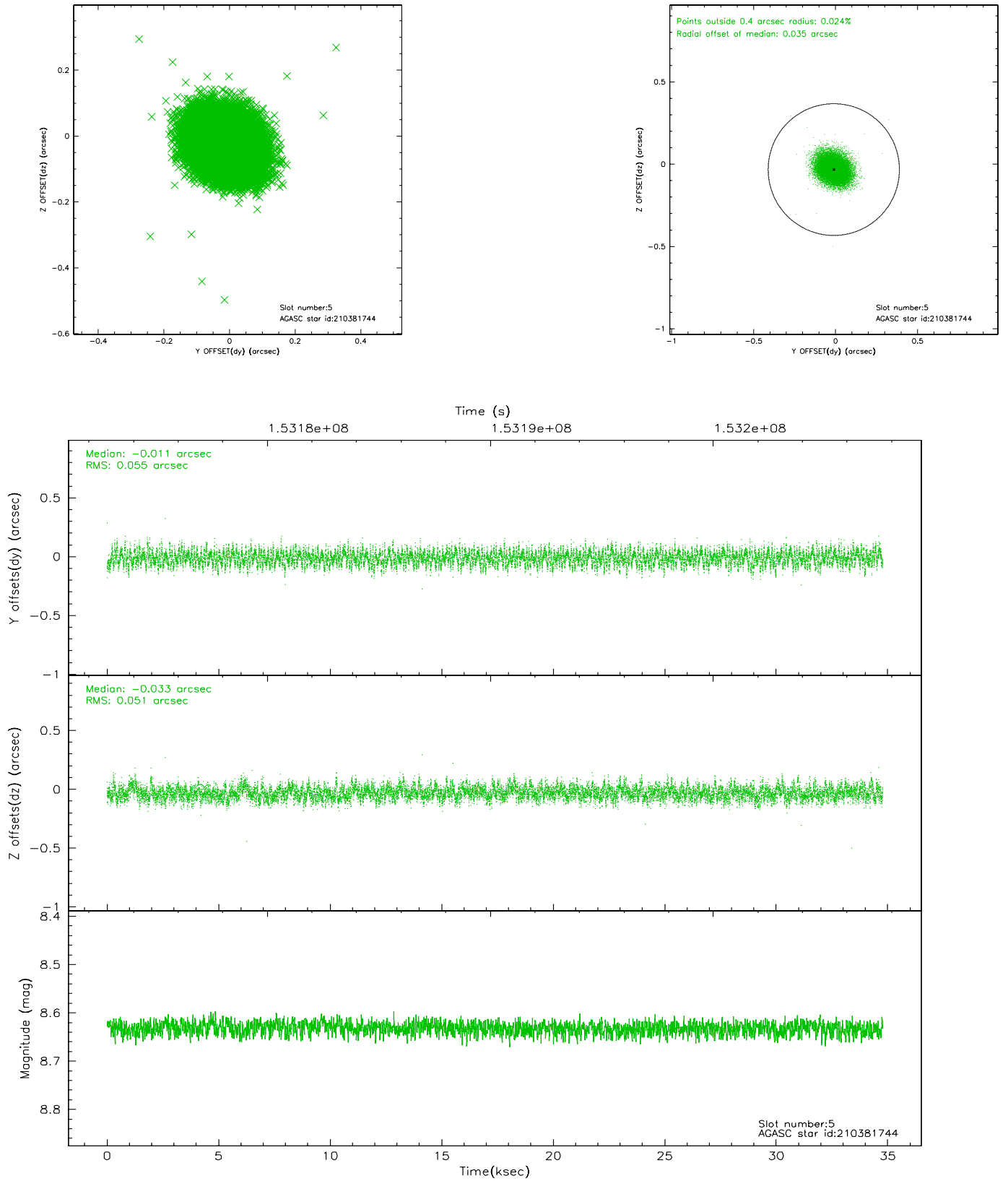
2.4.1 Slot 3



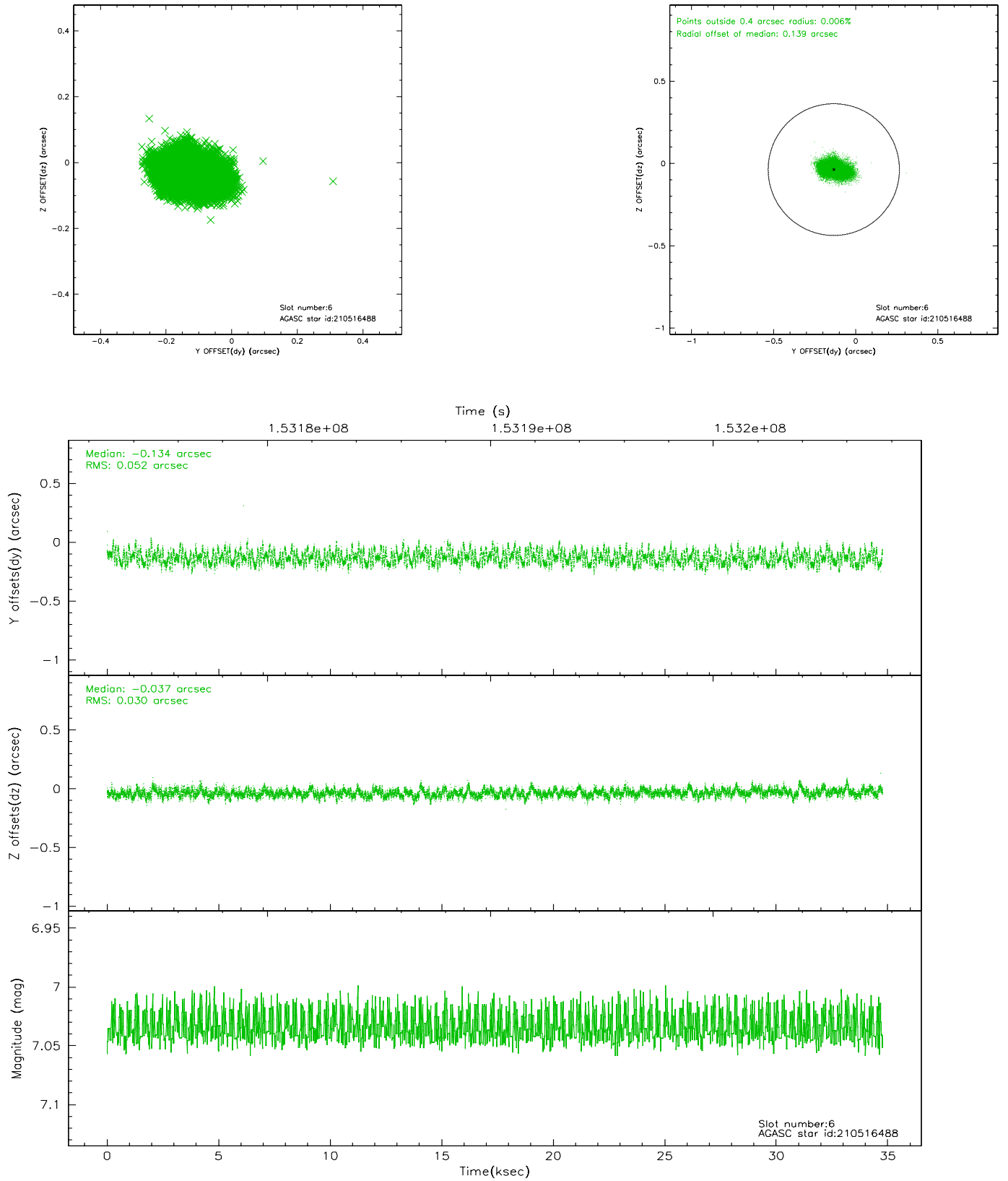
2.4.2 Slot 4



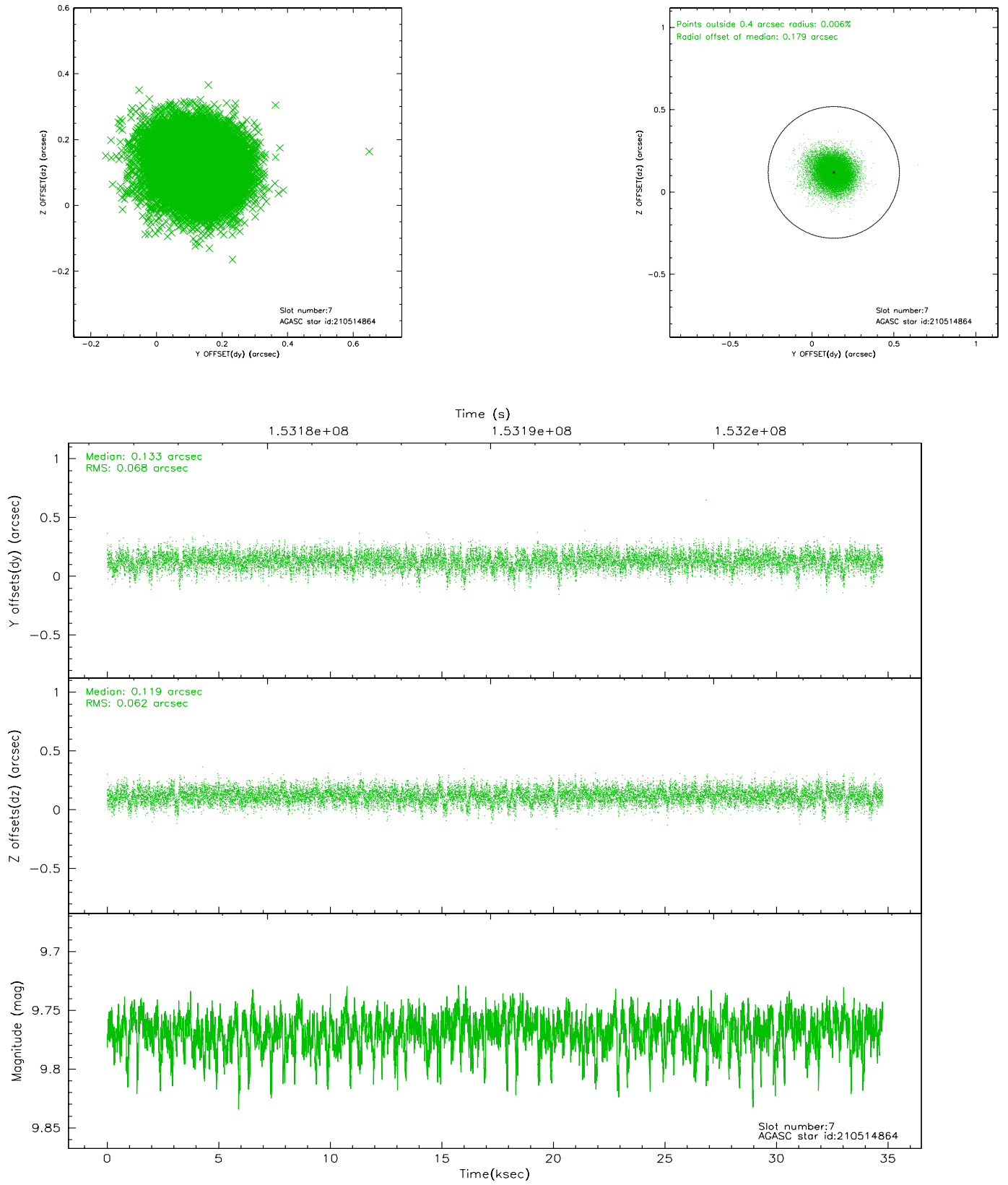
2.4.3 Slot 5



2.4.4 Slot 6

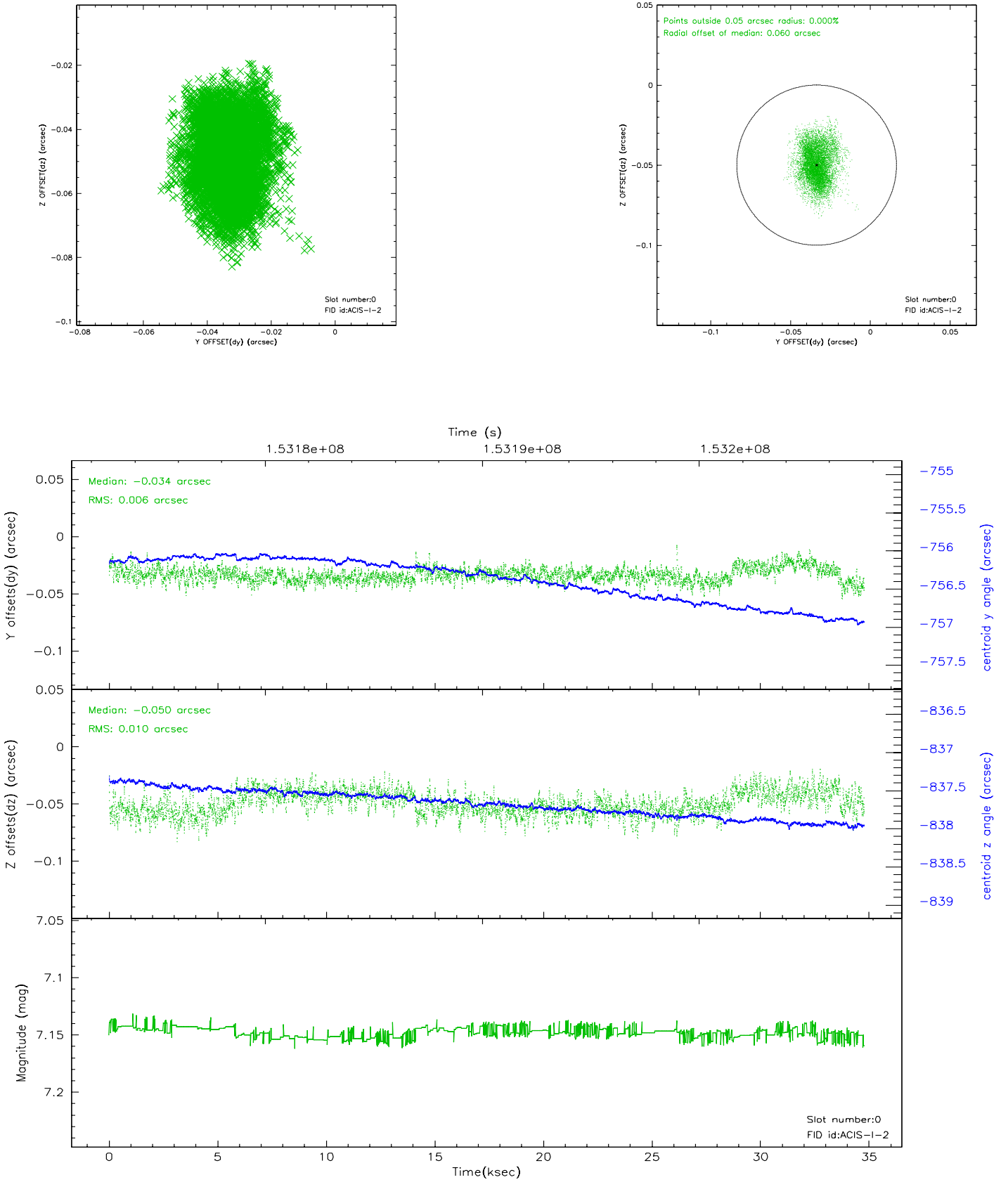


2.4.5 Slot 7

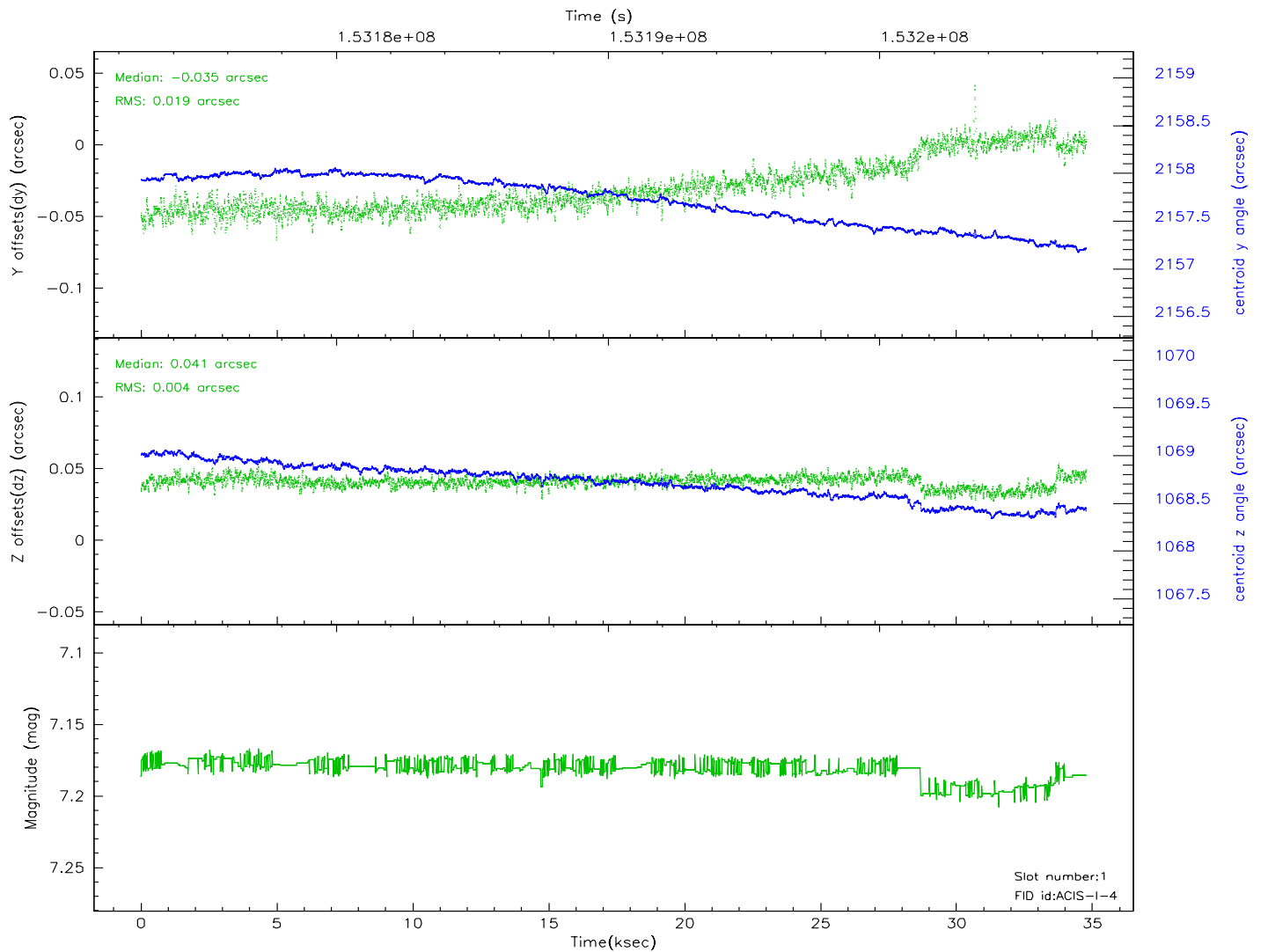
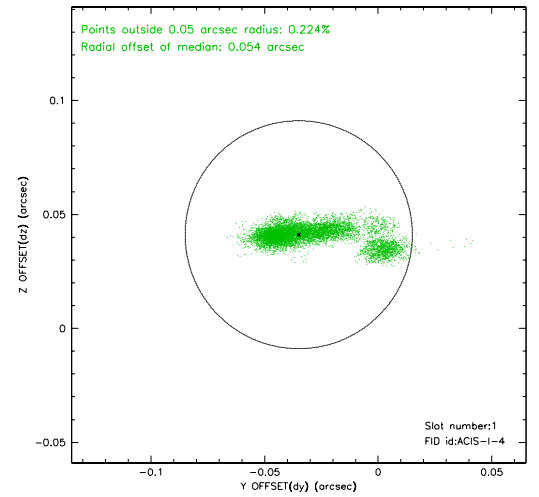
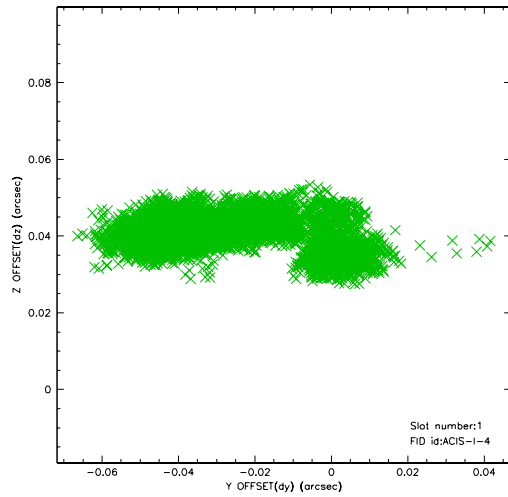


2.5 FID Slots

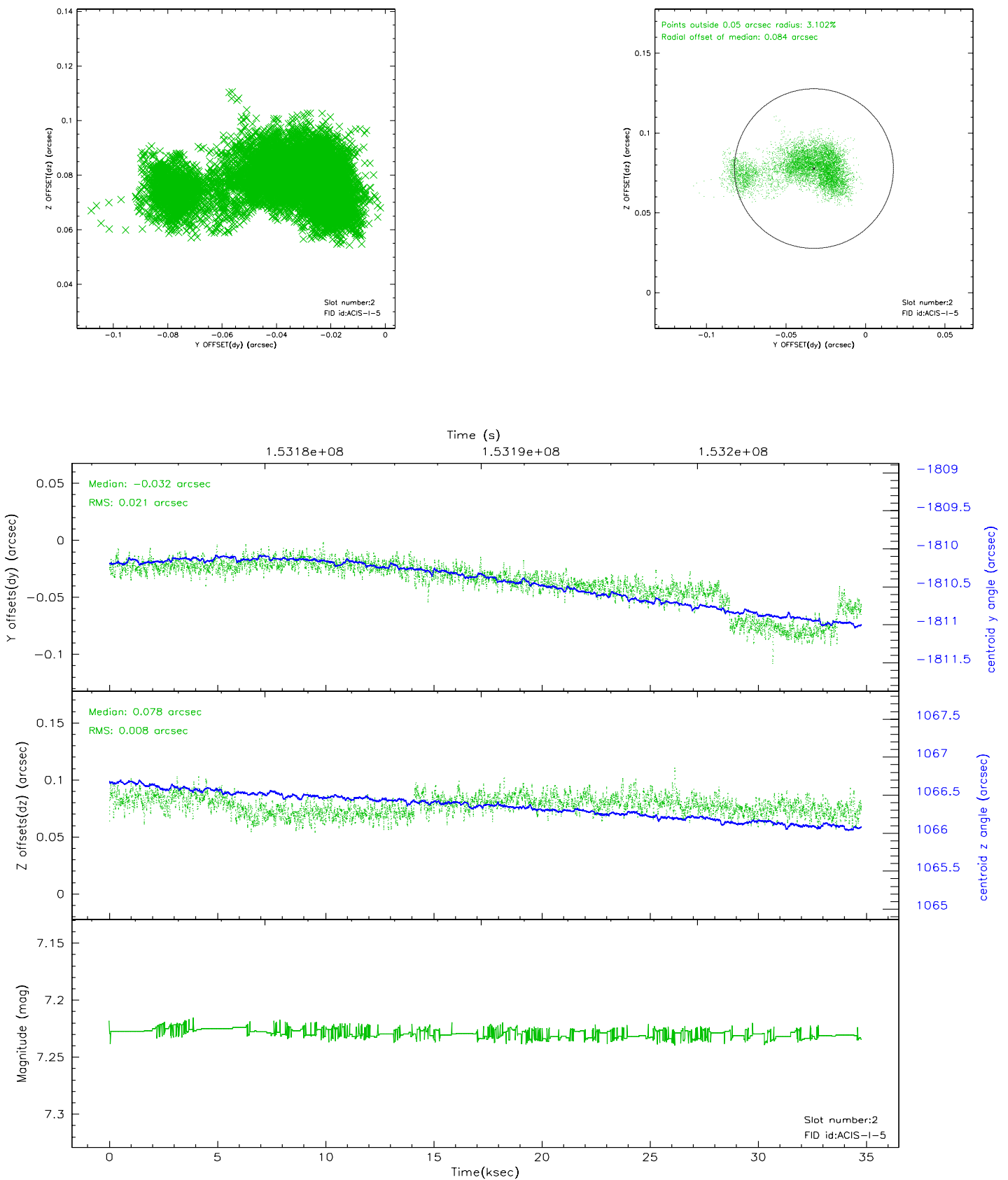
2.5.1 Slot 0



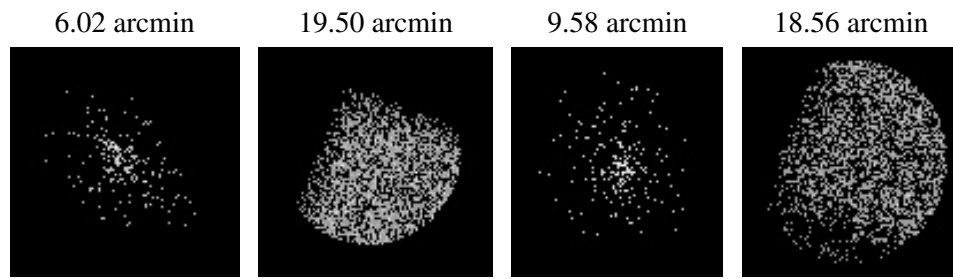
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.454

A.2 Comments