

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10515 - L2 Version 2
Chandra X-Ray Center

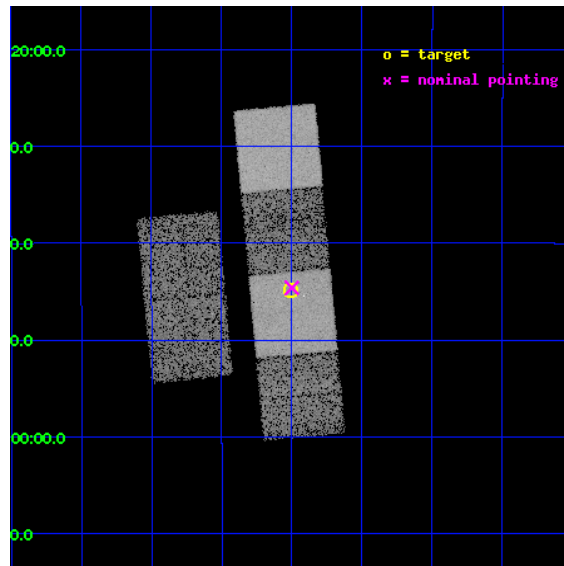
L2 Processing Date : May 30 2012

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1 Front

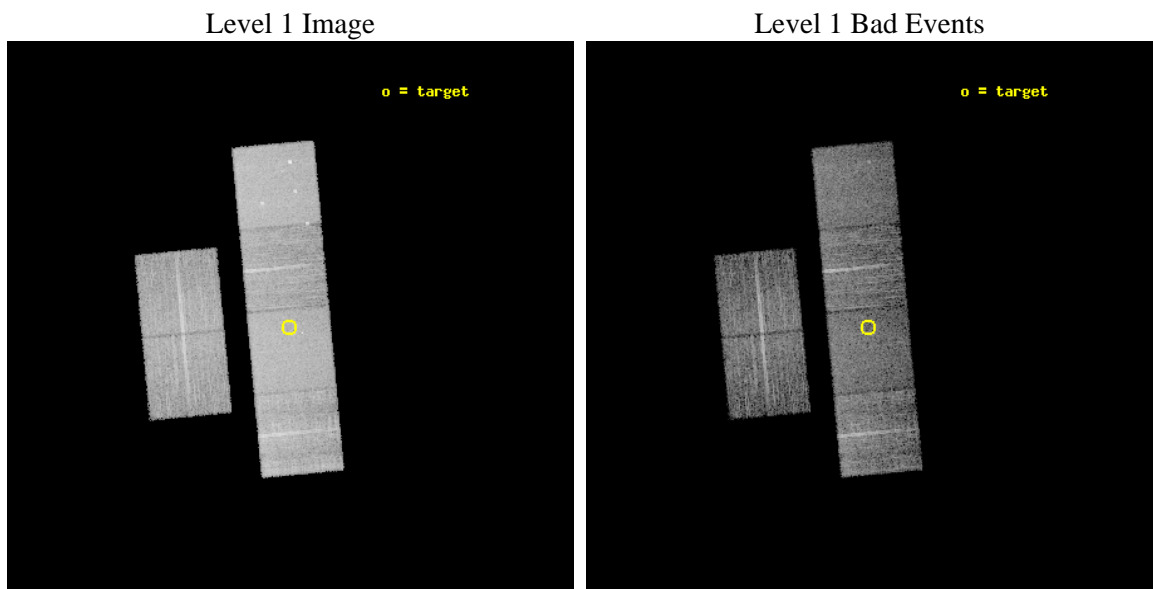
seq_num	900883	Sequence number
obs_id	10515	Observation id
title	ChIcAGO: Chandra Identification of ASCA Galactic Objects	Proposal
observer	Prof. Bryan Gaensler	Principal investigator
object	AX J182530-1144	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	276.377083	Observer's specified target RA [deg]
dec_targ	-11.748	Observer's specified target Dec [deg]
ra_nom	276.37485652666	Nominal RA [deg]
dec_nom	-11.743593386847	Nominal Dec [deg]
roll_nom	84.714289681415	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5950.8797569275	Sum of GTIs [s]
livetime	5875.5261342557	Livetime [s]
ontime2	5950.9207969308	Sum of GTIs [s]
ontime3	5950.7566369176	Sum of GTIs [s]
ontime5	5950.8387169242	Sum of GTIs [s]
ontime6	5947.5567165613	Sum of GTIs [s]
ontime7	5950.8797569275	Sum of GTIs [s]
ontime8	5950.7155969143	Sum of GTIs [s]
l2events	106064	Number of level 2 events



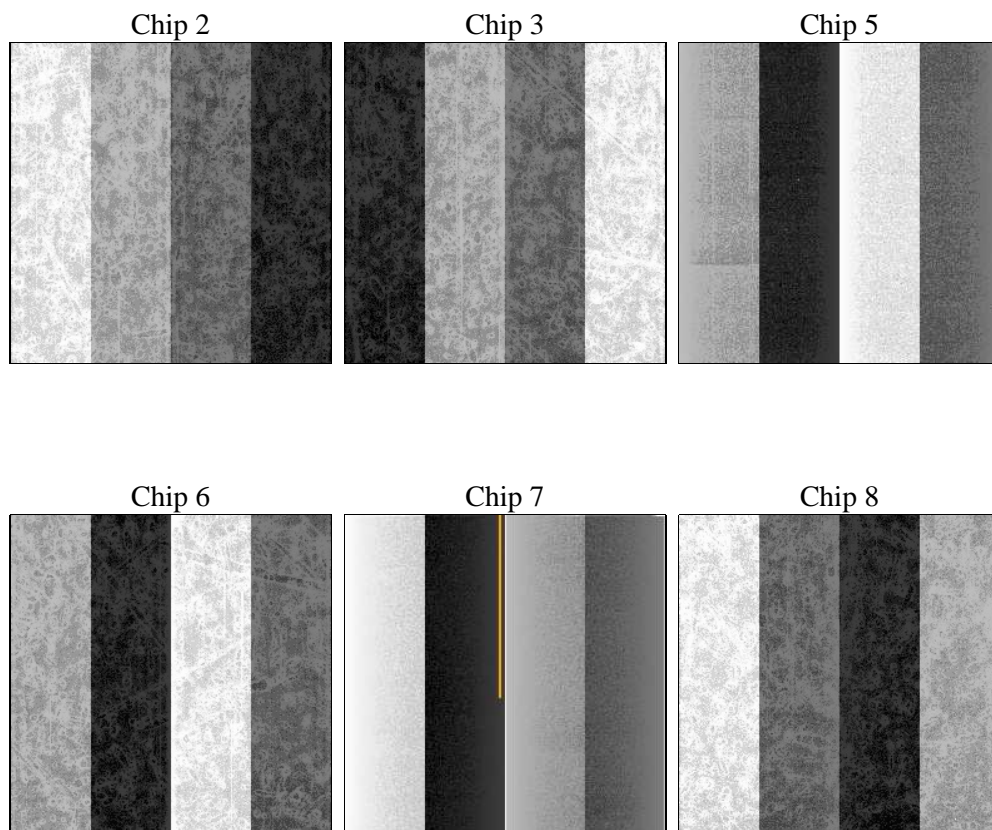
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5950.8797569275	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	5950.9207969308	Sum of GTIs [s]
date	2012-05-31T01:59:32	Date and time of file creation	ontime3	5950.7566369176	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	5950.8387169242	Sum of GTIs [s]
			ontime6	5947.5567165613	Sum of GTIs [s]
			ontime7	5950.8797569275	Sum of GTIs [s]
			ontime8	5950.7155969143	Sum of GTIs [s]
			l1events	450314	Number of level 1 events

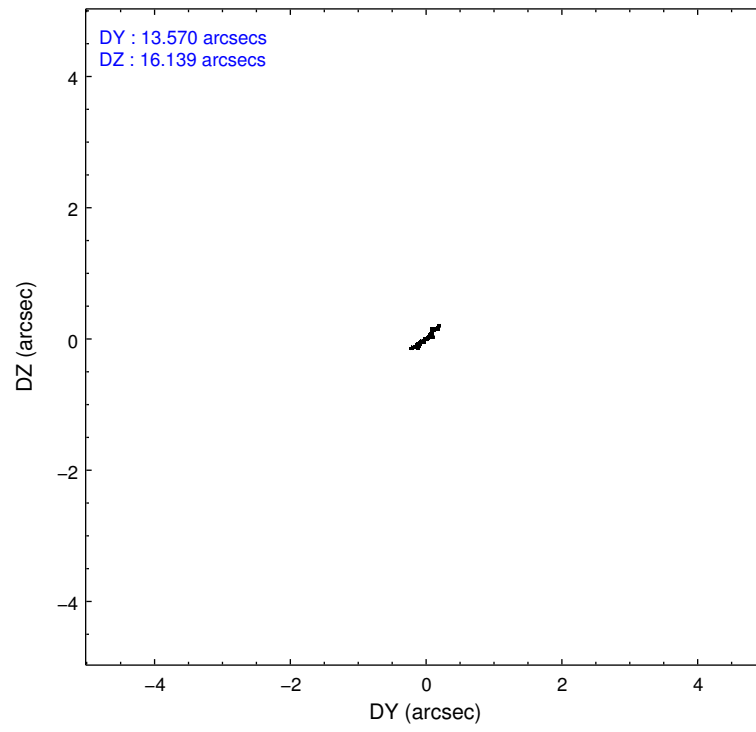
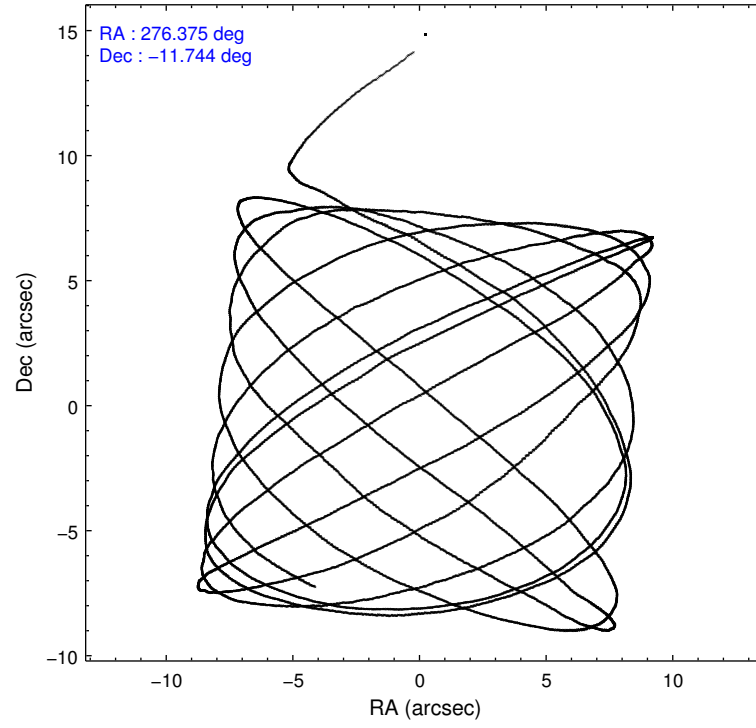
2.1.4 Events

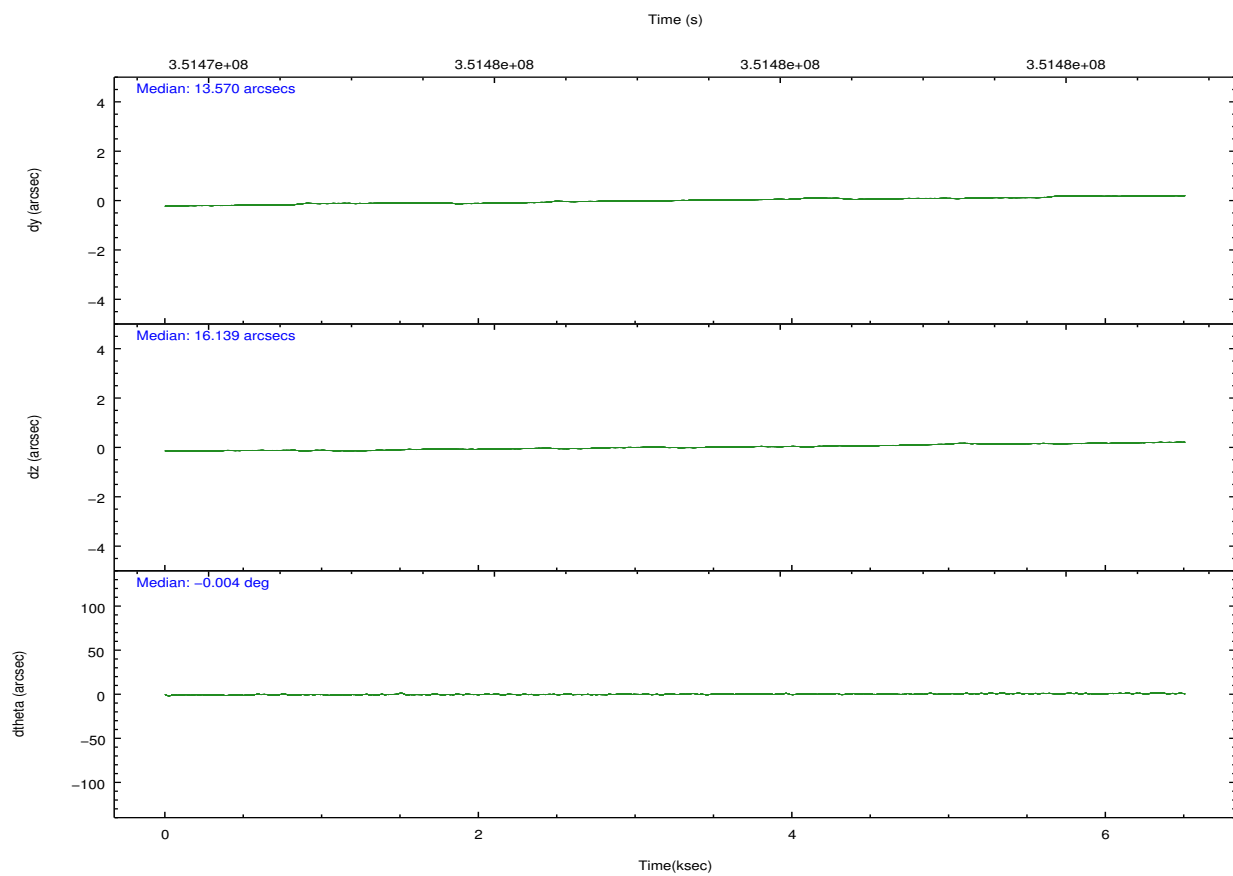
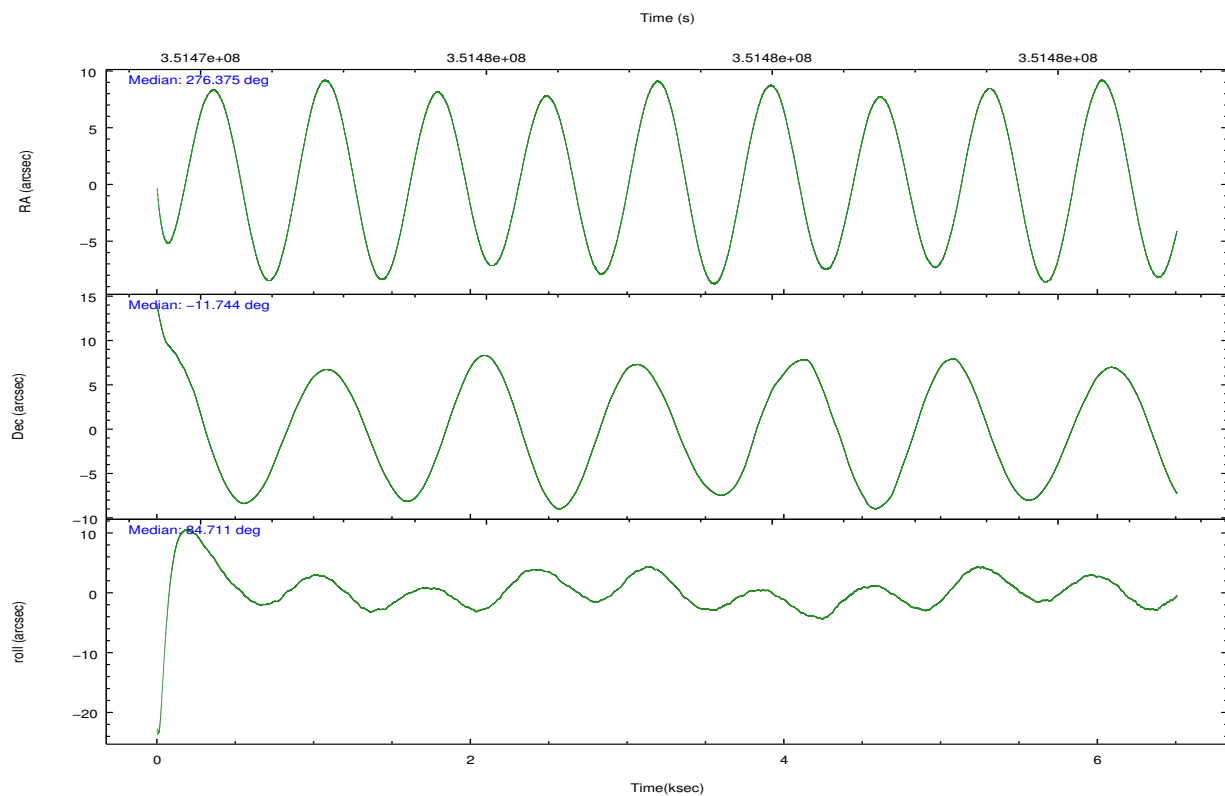
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	61873	59646	97996	63340	86294	81165	grade 0 events	3629	3301	4177	3173	2927	5930
rejected events	53809	52119	52803	55565	50060	62262		5%	5%	4%	5%	3%	7%
rejected %	86%	87%	53%	87%	58%	76%	grade 1 events	50	35	189	46	97	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	1737	1486	13884	1667	7468	4375
								2%	2%	14%	2%	8%	5%
							grade 3 events	688	704	1689	707	3045	1908
								1%	1%	1%	1%	3%	2%
							grade 4 events	686	729	1533	692	3027	1805
								1%	1%	1%	1%	3%	2%
							grade 5 events	2601	2966	6933	2926	8047	3957
								4%	4%	7%	4%	9%	4%
							grade 6 events	1334	1318	23971	1547	19799	4916
								2%	2%	24%	2%	22%	6%
							grade 7 events	51148	49107	45620	52582	41884	58213
								82%	82%	46%	83%	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	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	276.386906	276.3748565266612	CCD I2 on	O2	Y
[deg] Pointing Dec	-11.768333	-11.74359338684651	CCD I3 on	O3	Y
[deg] Pointing Roll	84.560185	84.71428968141512	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O1	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O5	Y
[mm] SIM translation stage pos	-190.132523	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	O4	Y
[s] Observation start time (MET)	351474523.184000	351473399.08656	CCD S5 on	N	N
Observation start date	2009-02-19T23:47:37	2009-02-19T23:29:59	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	351480523.184000	351481450.46196	On-chip summing requested	N	N
Observation end date	2009-02-20T01:27:37	2009-02-20T01:44:10	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



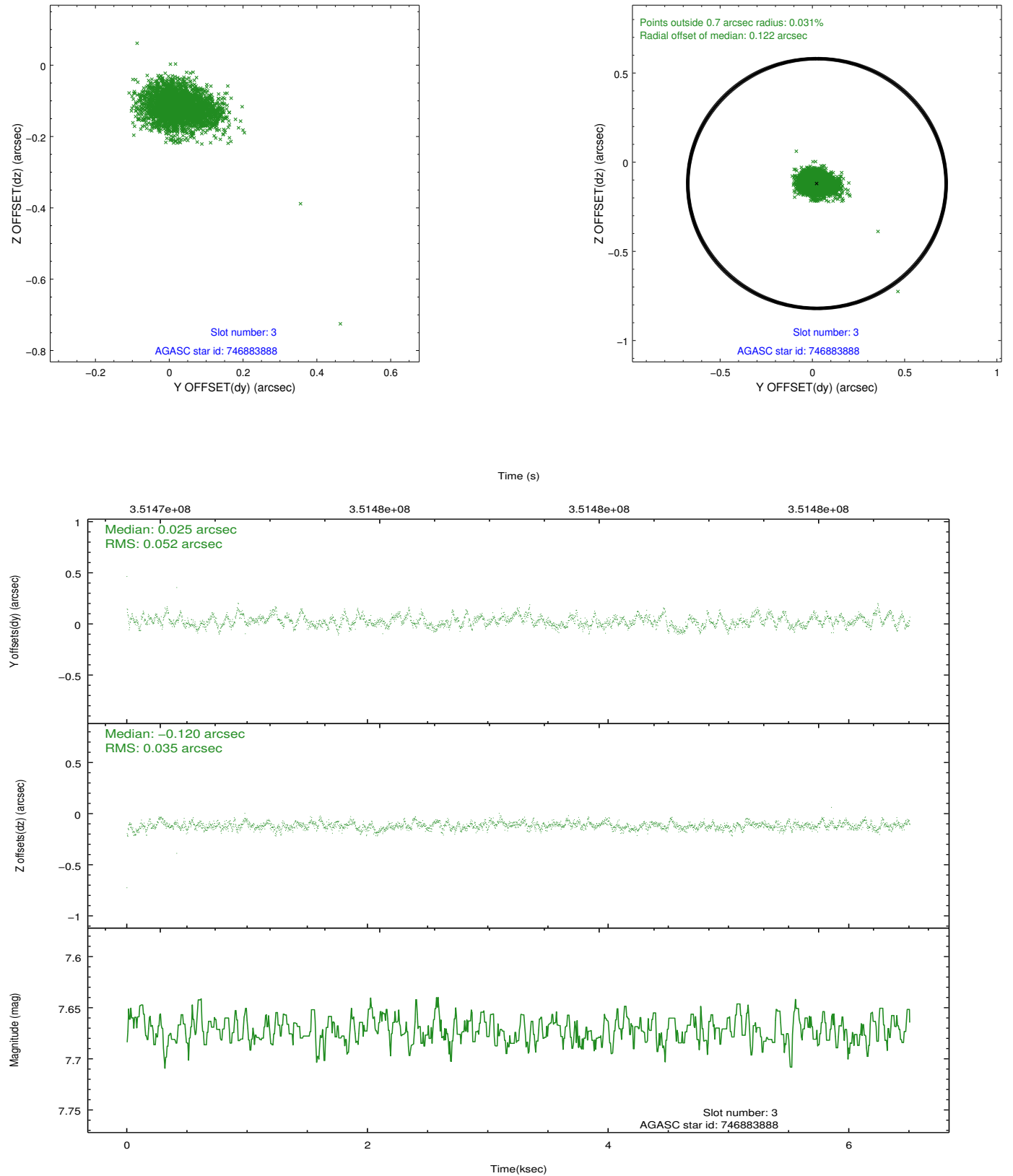


Slot Statistics

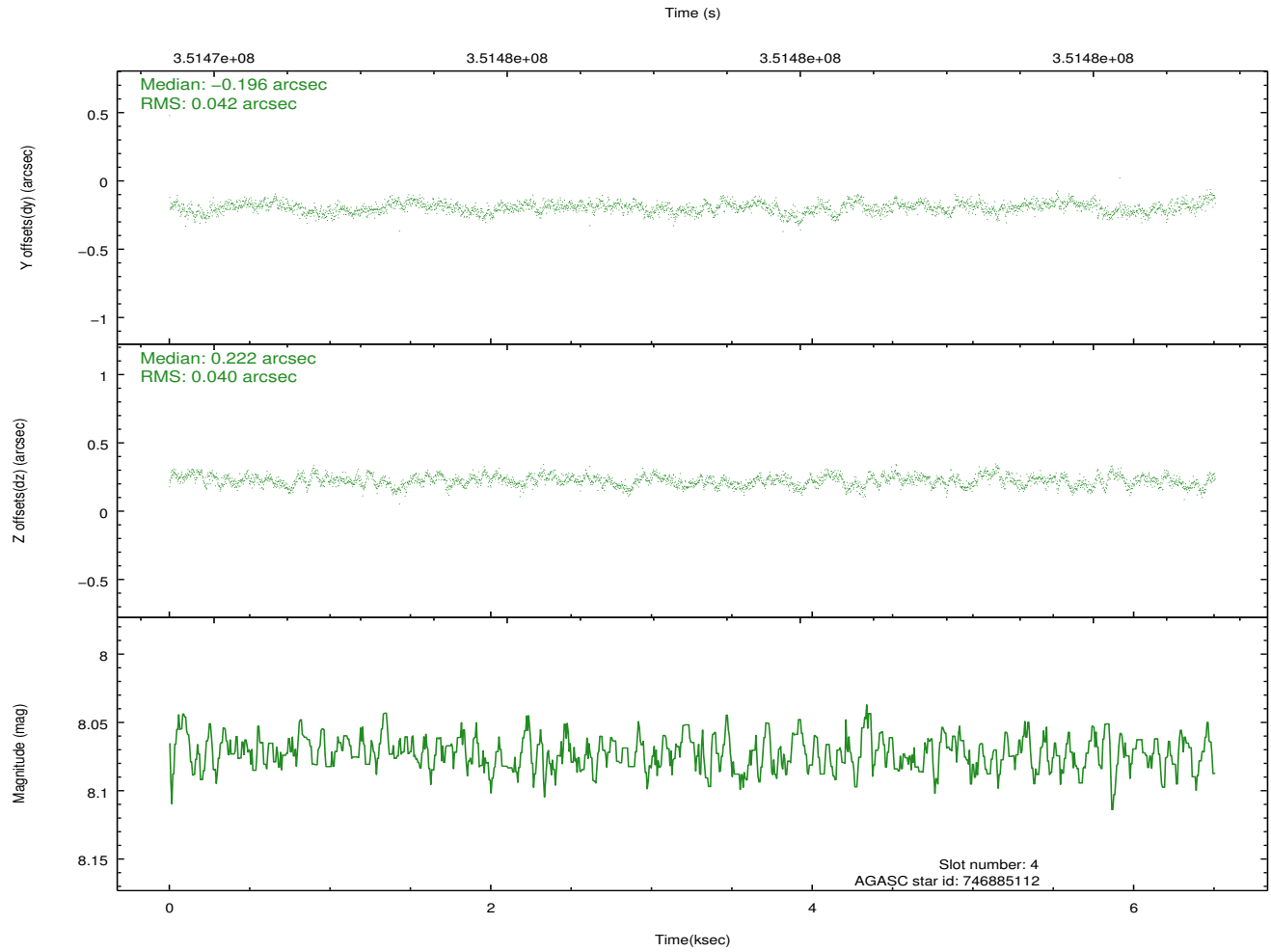
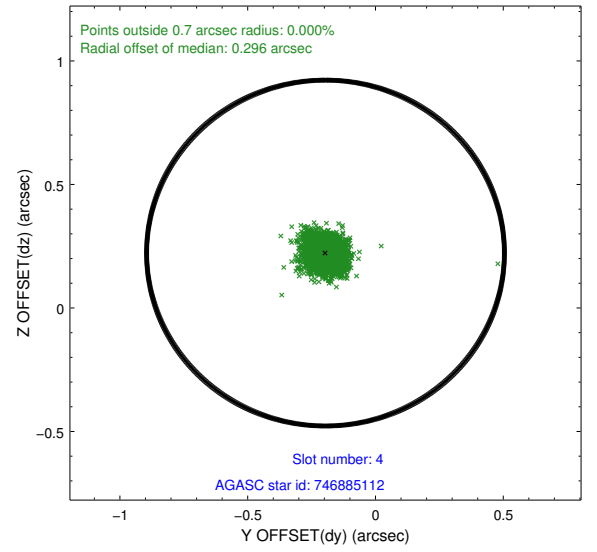
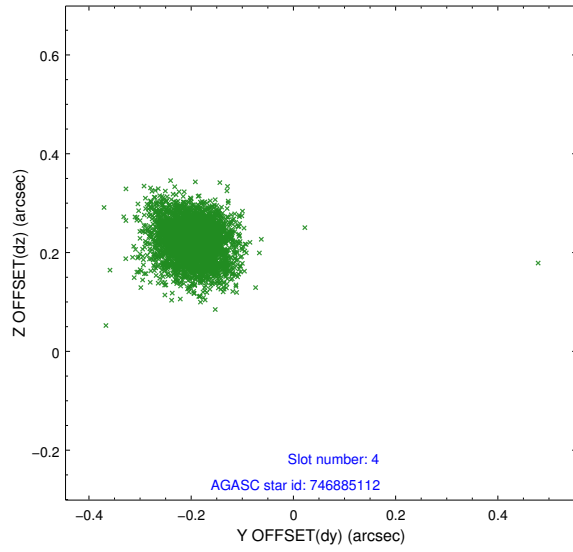
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	1587	-0.040	-0.008	0.007	0.011	0.000000	0.000000	-766.53	-1737.52
1	FID	ACIS-S-4	6.97	1587	0.165	0.022	0.006	0.011	0.000000	0.000000	2146.53	170.07
2	FID	ACIS-S-5	6.99	1588	-0.156	-0.005	0.007	0.012	0.000000	0.000000	-1818.34	164.72
3	GUIDE	746883888	7.67	3175	0.025	-0.120	0.064	0.106	275.829811	-12.300383	-2094.76	1768.85
4	GUIDE	746885112	8.07	3174	-0.196	0.222	0.060	0.099	276.677725	-11.356892	1570.36	-880.51
5	GUIDE	746326784	8.87	3159	-0.231	-0.130	0.078	0.123	276.060329	-11.242086	1776.05	1327.32
6	GUIDE	746890536	8.12	3171	0.177	-0.060	0.051	0.088	276.045818	-12.231642	-1774.39	1036.84
7	GUIDE	746890840	7.90	3173	0.225	0.084	0.046	0.077	276.049030	-12.214006	-1711.19	1031.74

2.4 Star Slots

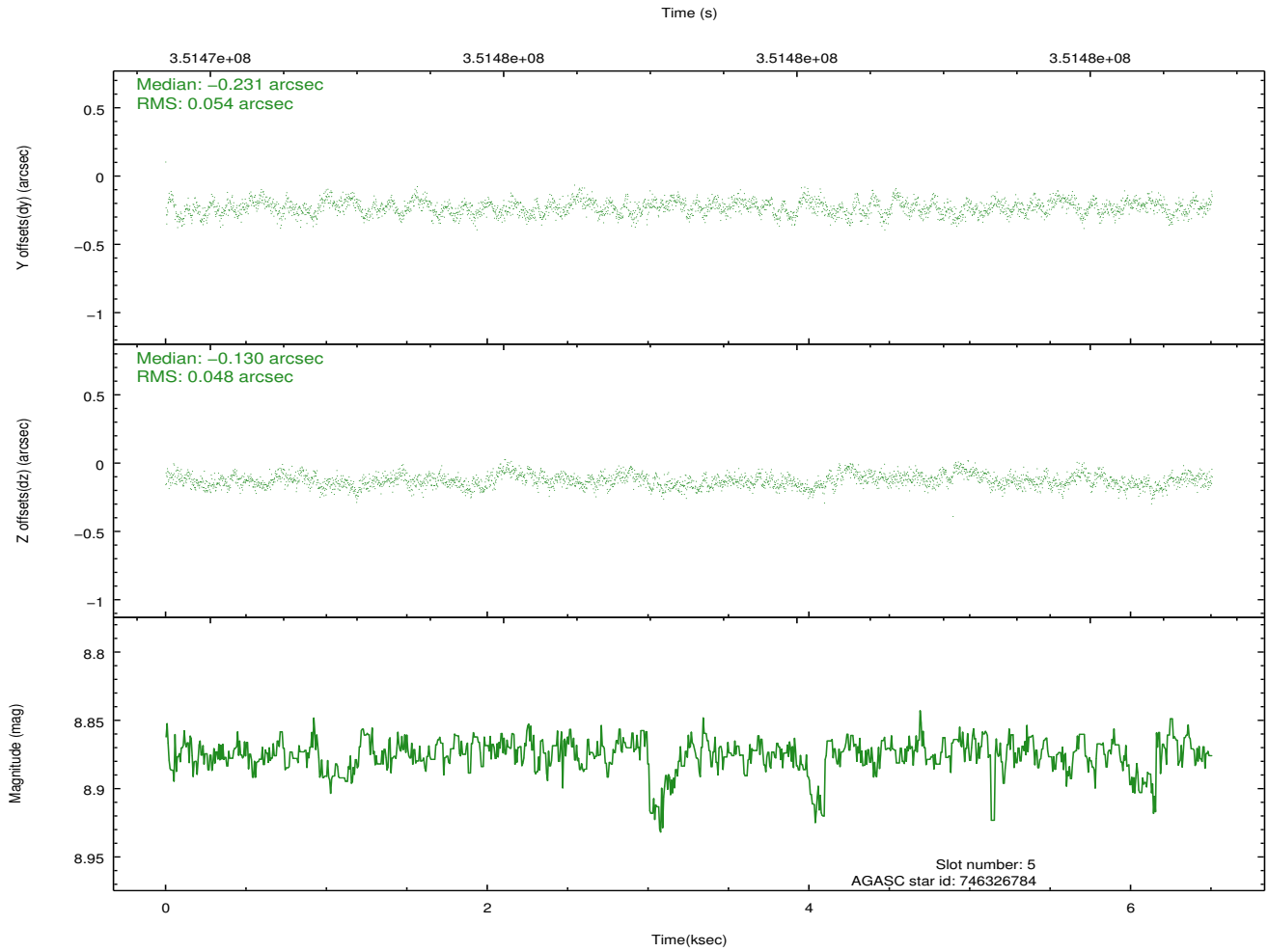
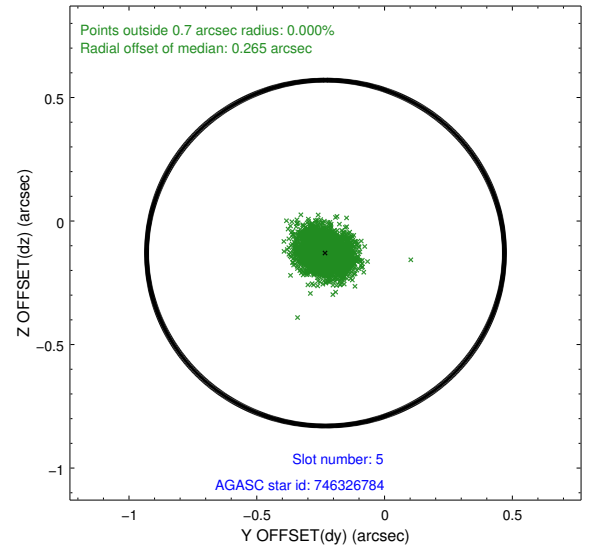
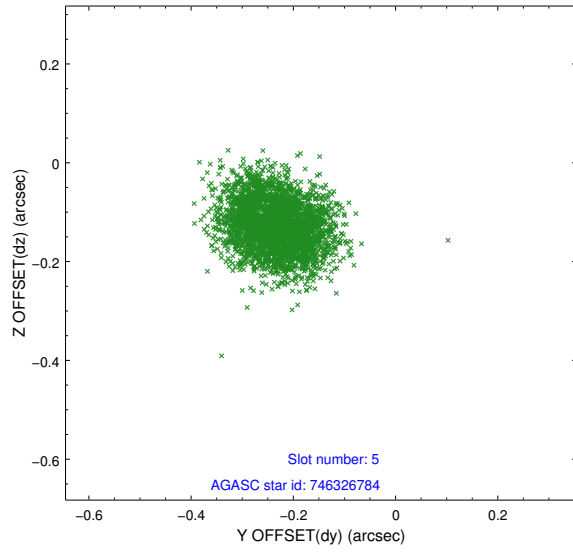
2.4.1 Slot 3



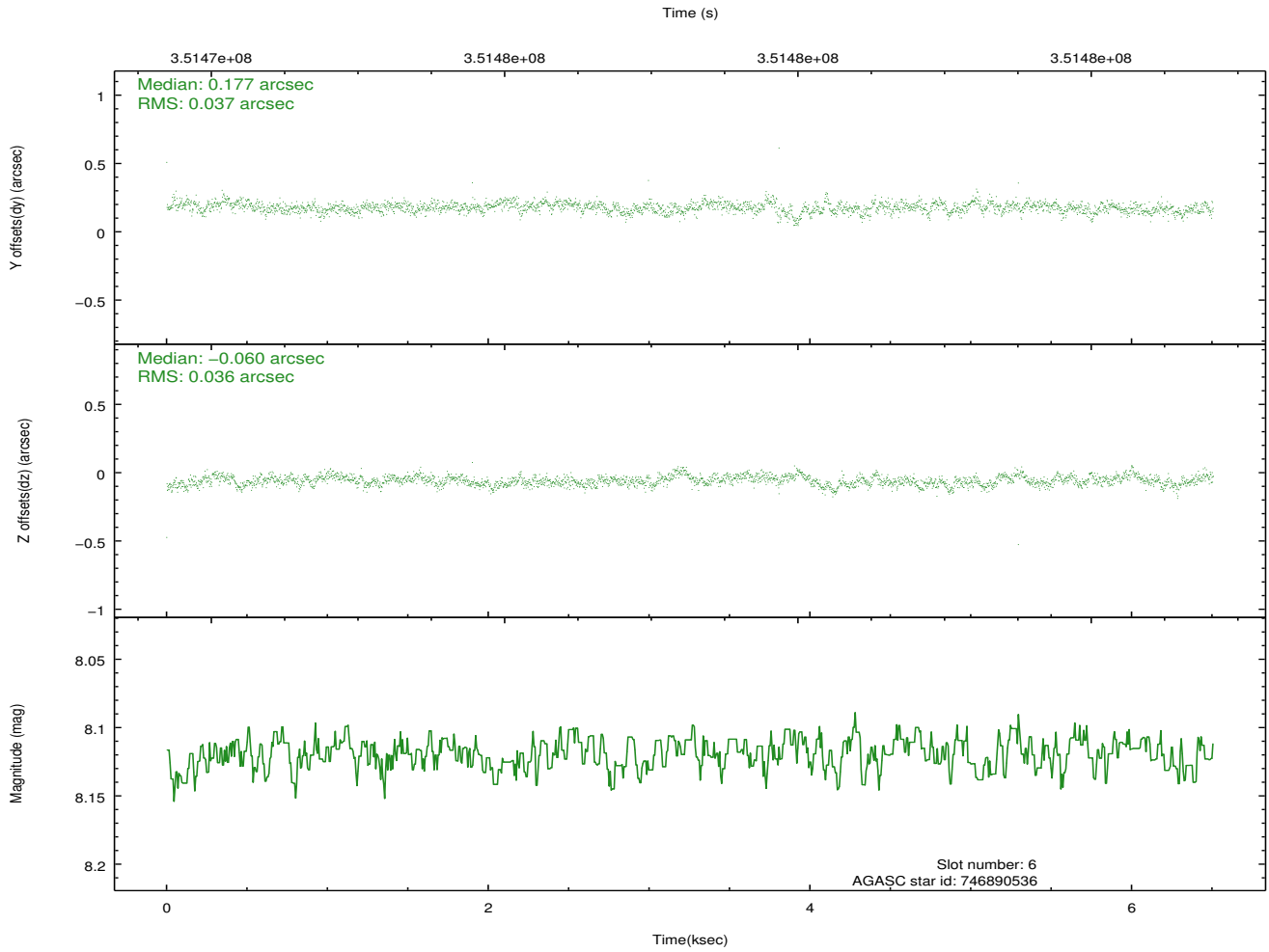
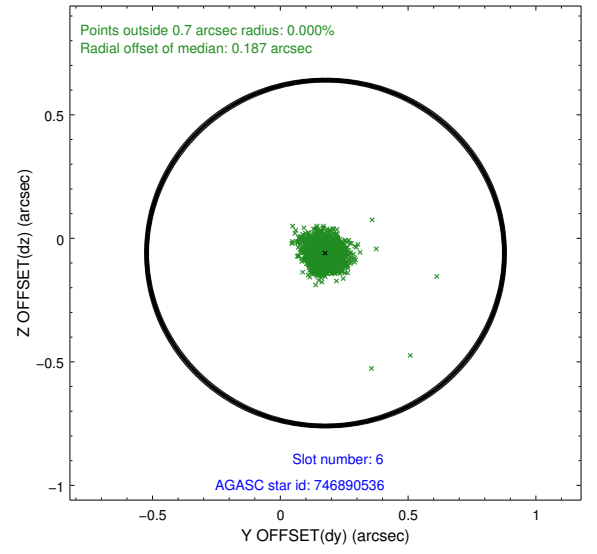
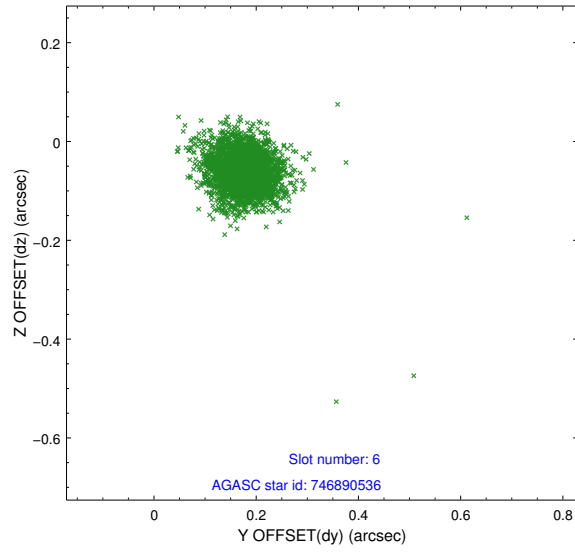
2.4.2 Slot 4



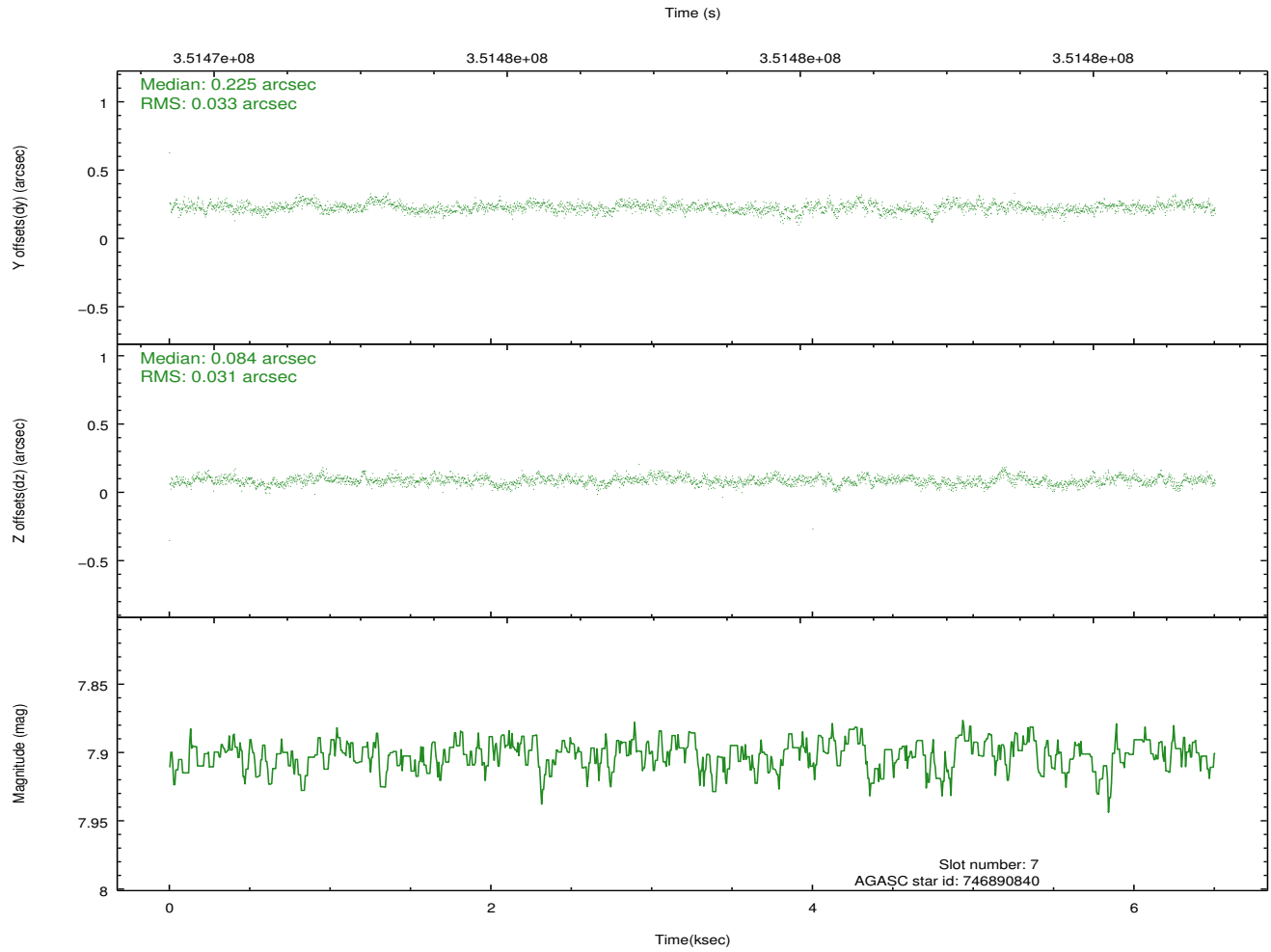
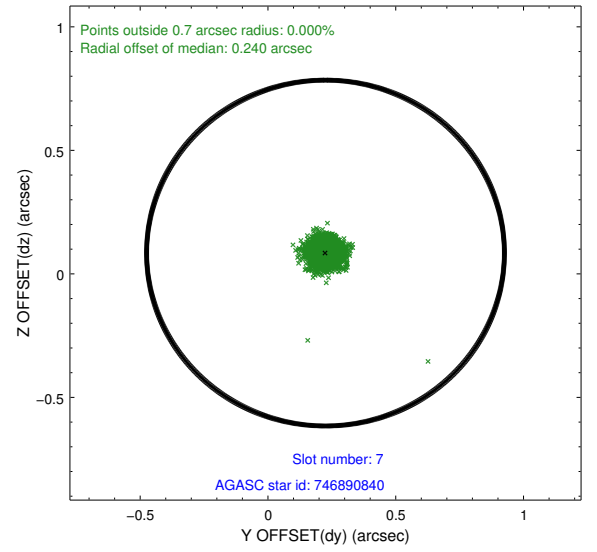
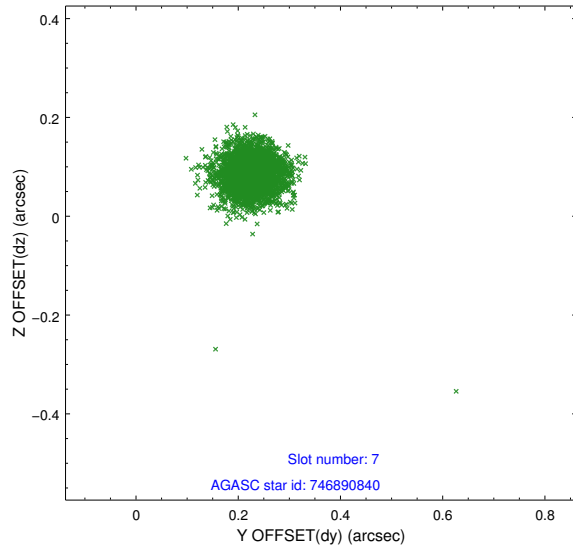
2.4.3 Slot 5



2.4.4 Slot 6

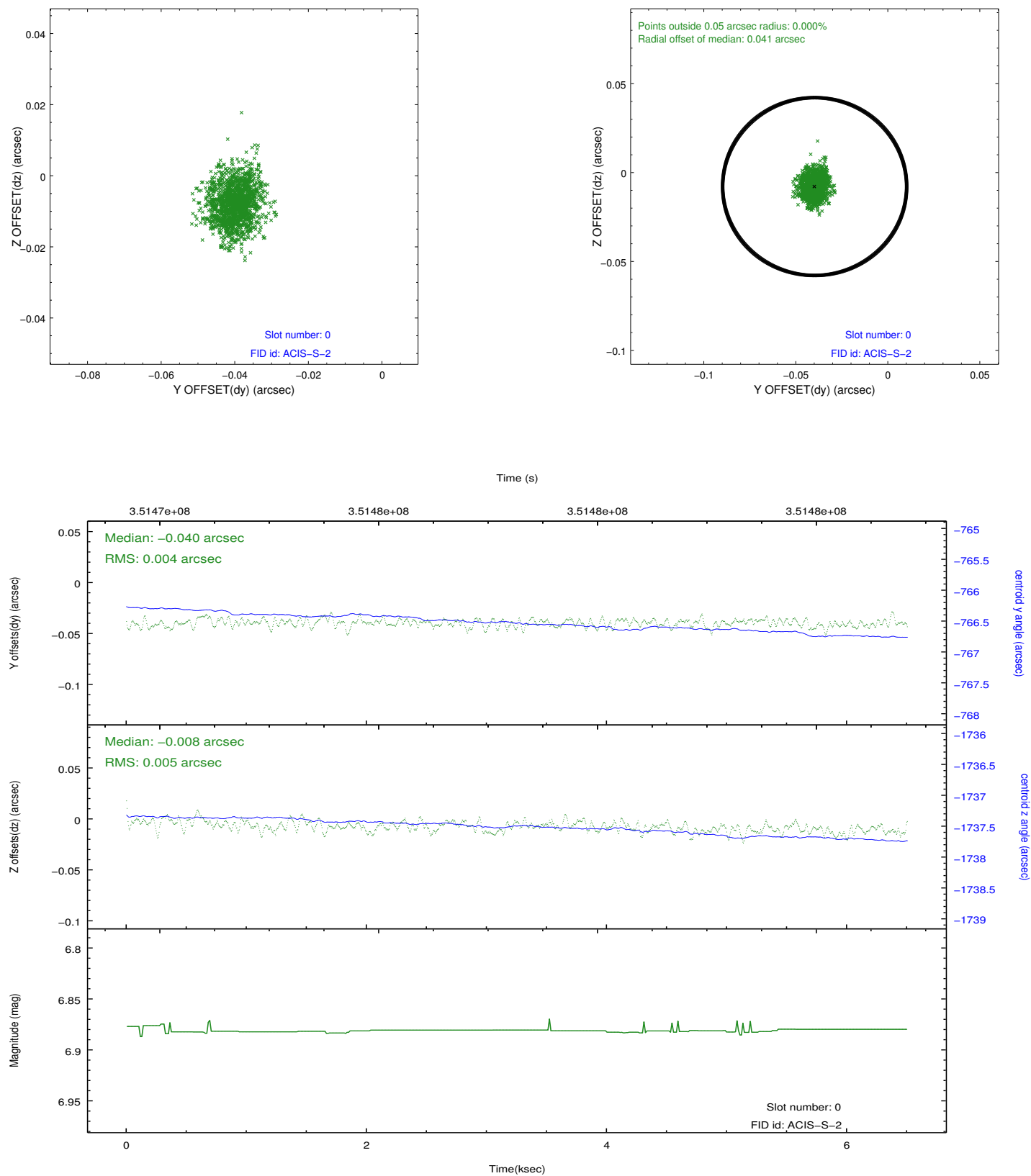


2.4.5 Slot 7

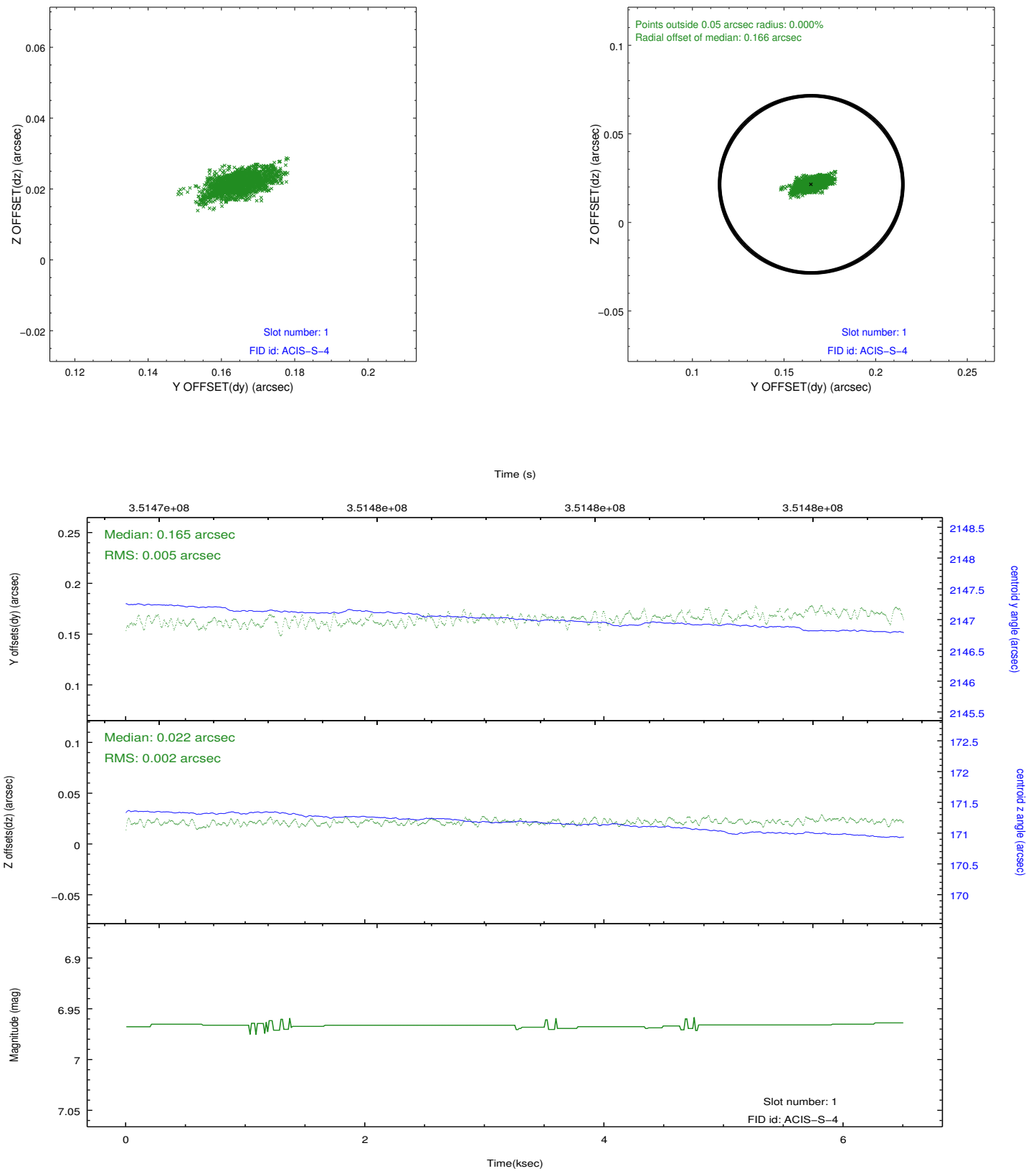


2.5 FID Slots

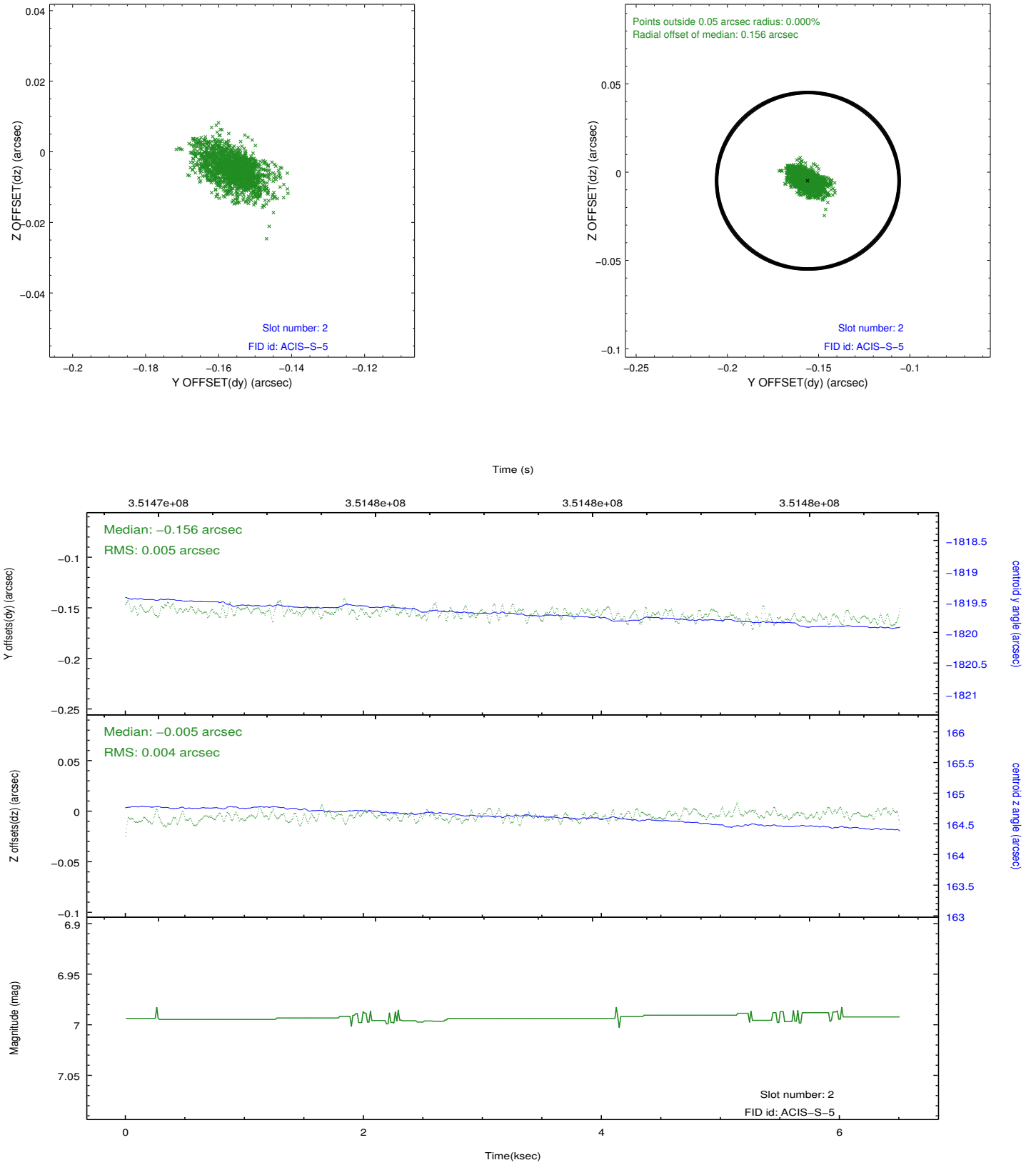
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.95199997

A.2 Comments