

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9611 - L2 Version 2
Chandra X-Ray Center

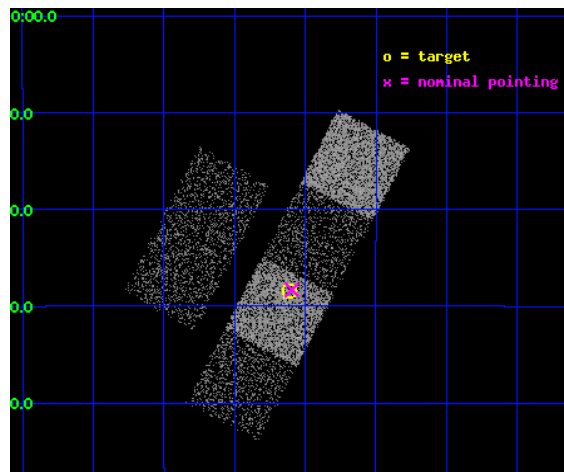
L2 Processing Date : May 16 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

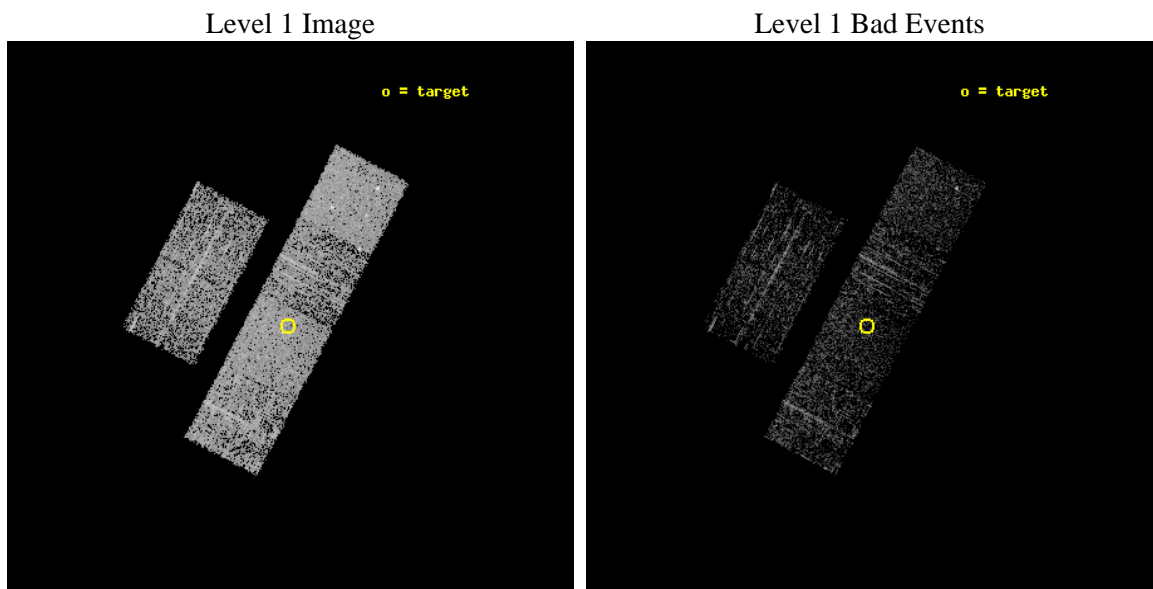
seq_num	900853	Sequence number
obs_id	9611	Observation id
title	GTO ChICAGO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J183206-0938	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	278.027917	Observer's specified target RA [deg]
dec_targ	-9.641	Observer's specified target Dec [deg]
ra_nom	278.02363064434	Nominal RA [deg]
dec_nom	-9.6385256638367	Nominal Dec [deg]
roll_nom	117.61111973876	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1055.9999961257	Sum of GTIs [s]
livetime	1042.6282883279	Livetime [s]
ontime2	1055.9999961257	Sum of GTIs [s]
ontime3	1055.8992942572	Sum of GTIs [s]
ontime5	1055.9813742638	Sum of GTIs [s]
ontime6	1055.9403342605	Sum of GTIs [s]
ontime7	1055.9999961257	Sum of GTIs [s]
ontime8	1055.8582542539	Sum of GTIs [s]
l2events	17133	Number of level 2 events



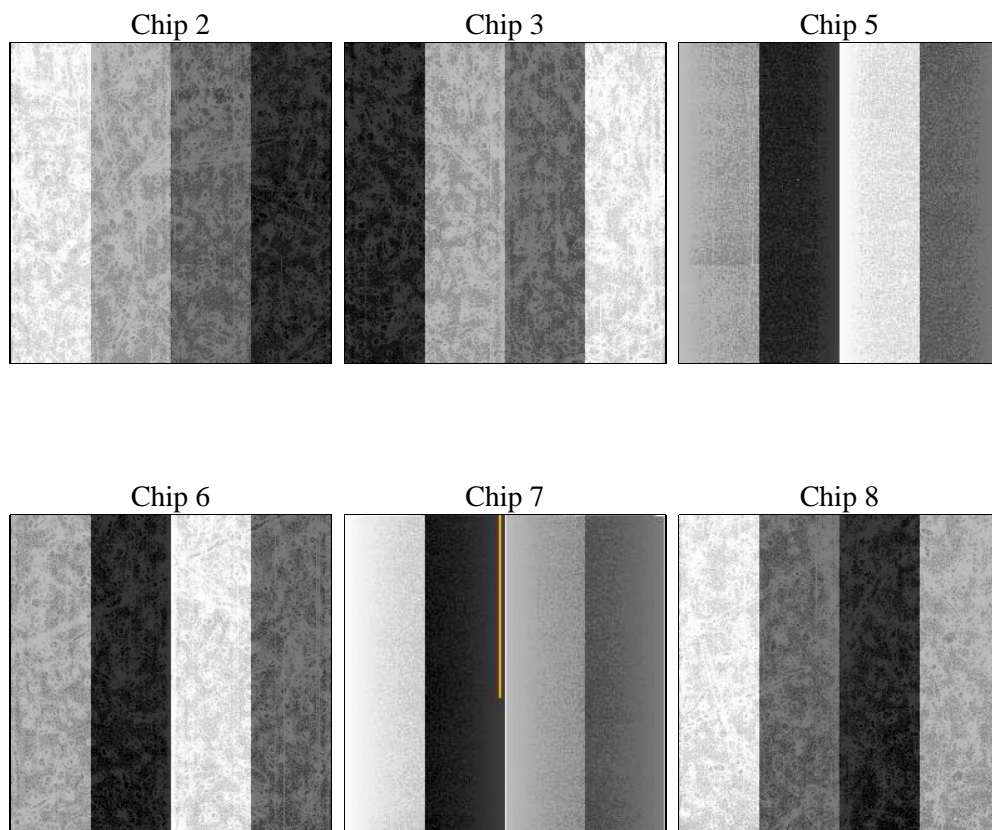
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1100.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1055.9999961257	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1055.9999961257	Sum of GTIs [s]
date	2012-05-16T02:39:57	Date and time of file creation	ontime3	1055.8992942572	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1055.9813742638	Sum of GTIs [s]
			ontime6	1055.9403342605	Sum of GTIs [s]
			ontime7	1055.9999961257	Sum of GTIs [s]
			ontime8	1055.8582542539	Sum of GTIs [s]
			l1events	72171	Number of level 1 events

2.1.4 Events

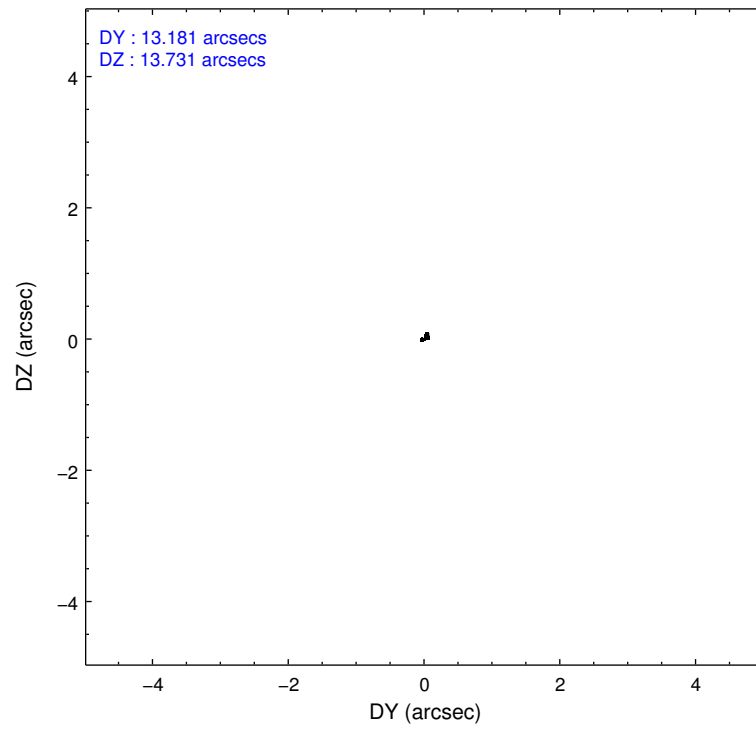
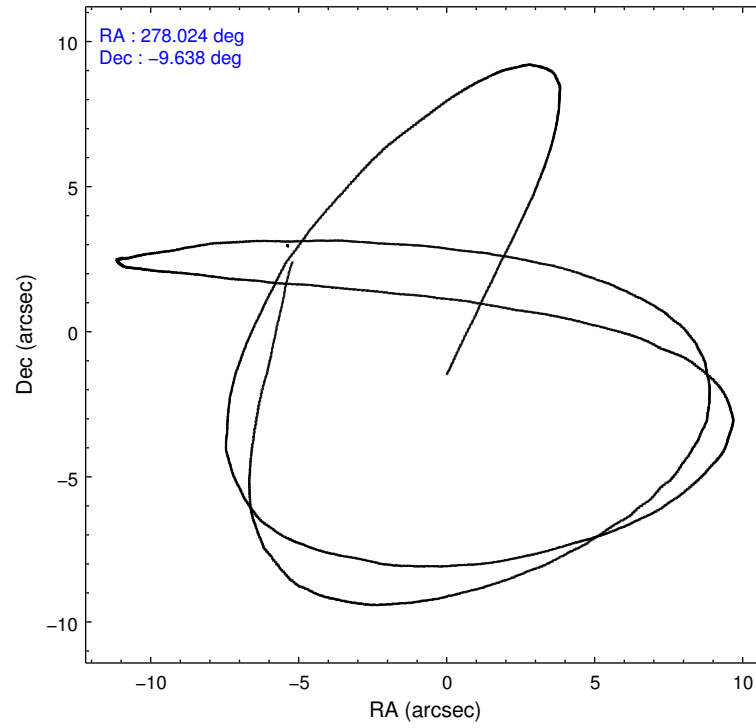
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	9557	9198	15893	10435	13999	13089
rejected events	8291	7973	8519	9168	7945	9933
rejected %	86%	86%	53%	87%	56%	75%

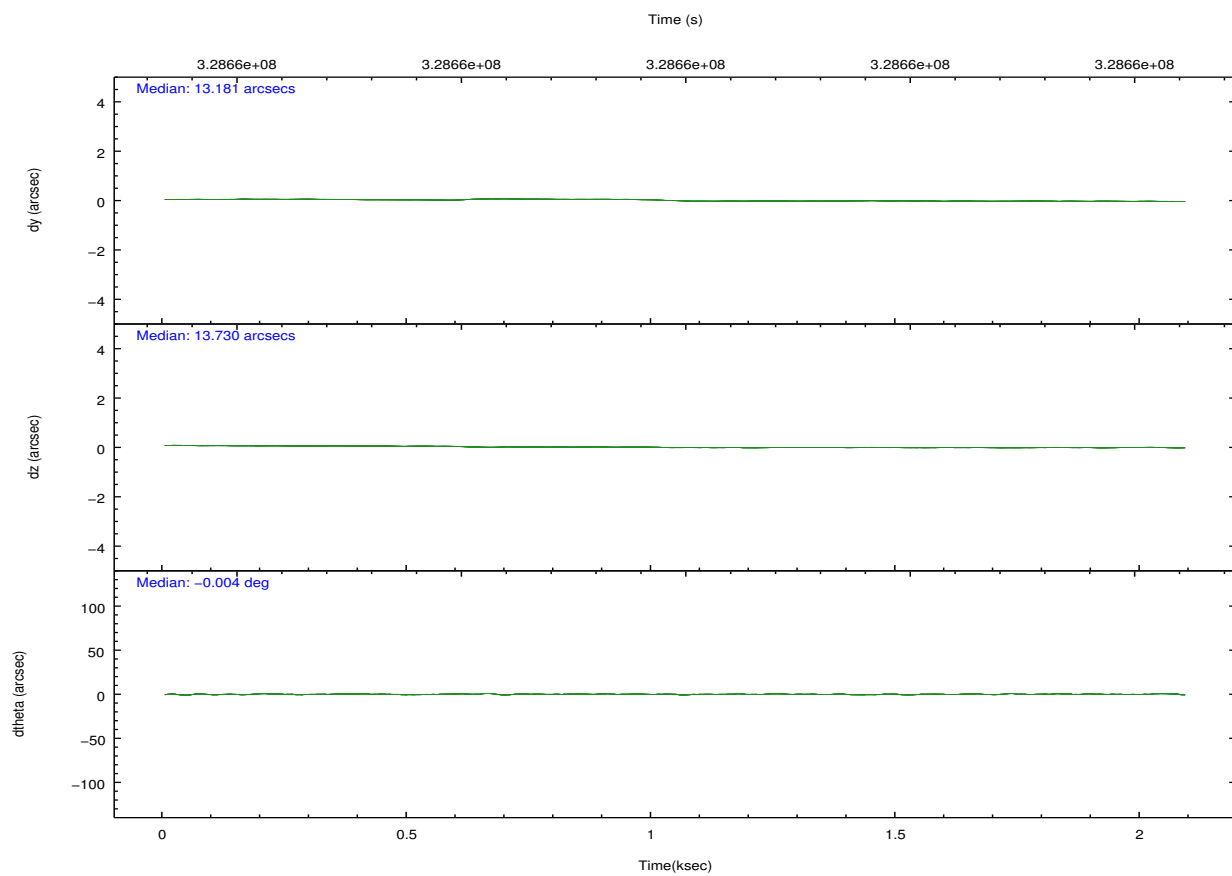
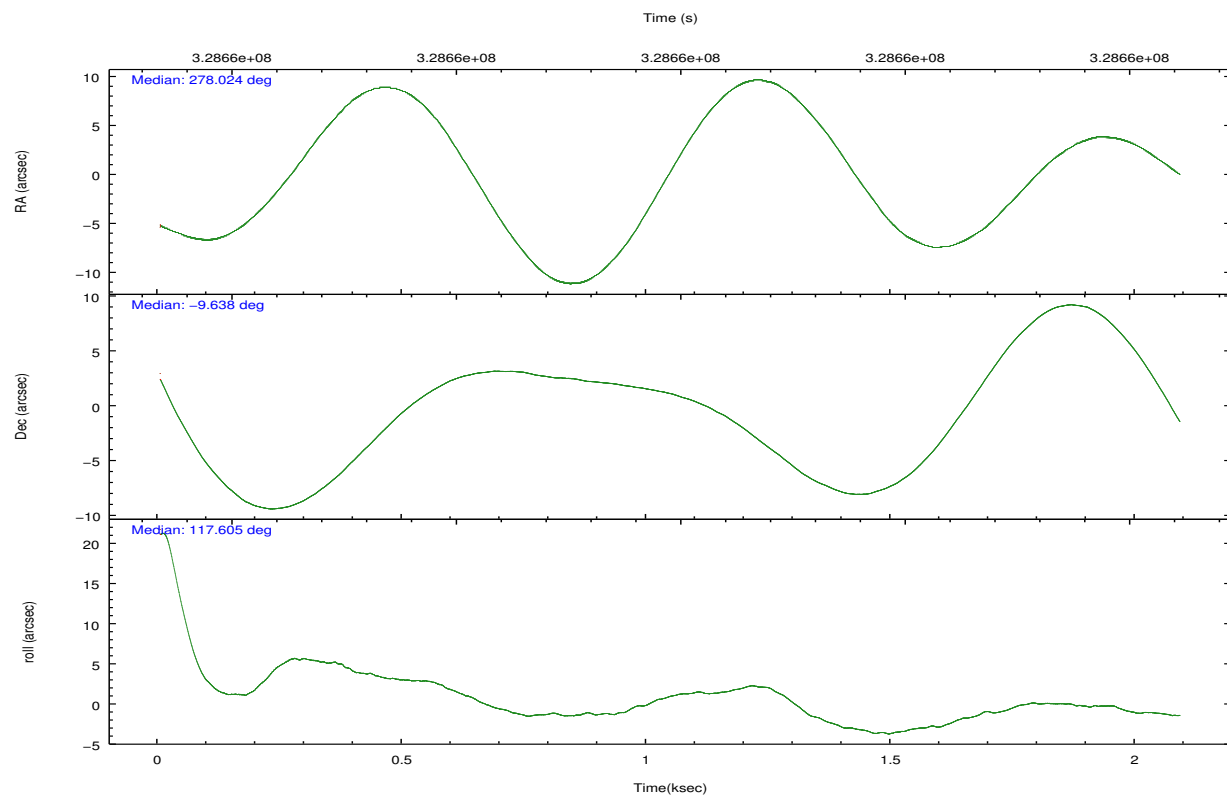
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	580	547	771	540	498	1017
	6%	5%	4%	5%	3%	7%
grade 1 events	4	10	45	1	10	7
	0%	0%	0%	0%	0%	0%
grade 2 events	265	261	2359	257	1248	687
	2%	2%	14%	2%	8%	5%
grade 3 events	120	121	263	123	563	293
	1%	1%	1%	1%	4%	2%
grade 4 events	101	108	262	107	510	260
	1%	1%	1%	1%	3%	1%
grade 5 events	385	475	1131	441	1309	621
	4%	5%	7%	4%	9%	4%
grade 6 events	207	191	3739	245	3260	901
	2%	2%	23%	2%	23%	6%
grade 7 events	7895	7485	7323	8721	6601	9303
	82%	81%	46%	83%	47%	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	278.047306	278.0236306443365	CCD I2 on	O2	Y
[deg] Pointing Dec	-9.652844	-9.638525663836665	CCD I3 on	O3	Y
[deg] Pointing Roll	117.458323	117.6111197387642	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)	328660930.184000	328659570.3661	CCD S5 on	N	N
Observation start date	2008-05-31T22:41:05	2008-05-31T22:19:30	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	328662030.184000	328662518.77874	On-chip summing requested	N	N
Observation end date	2008-05-31T22:59:25	2008-05-31T23:08:38	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



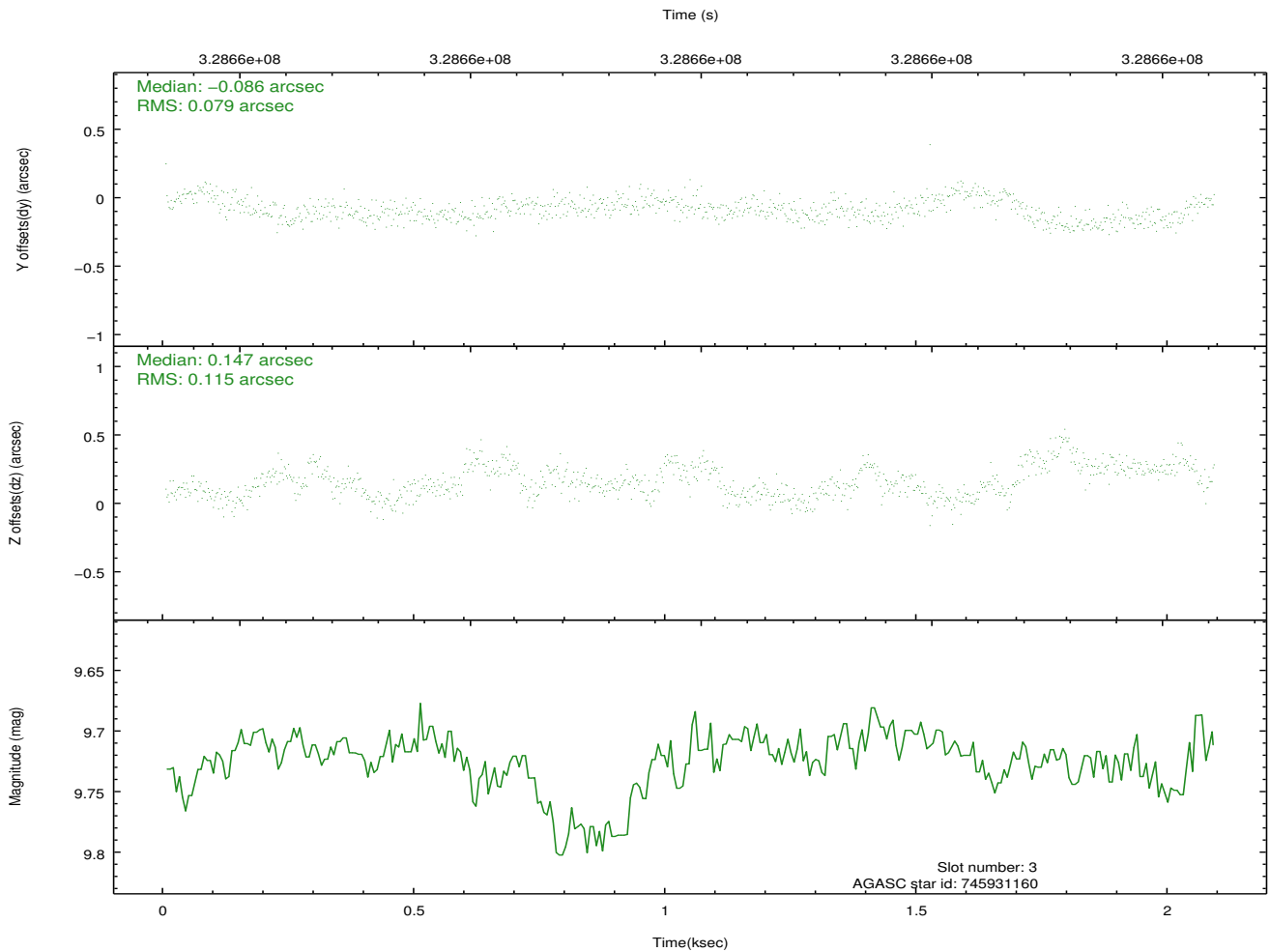
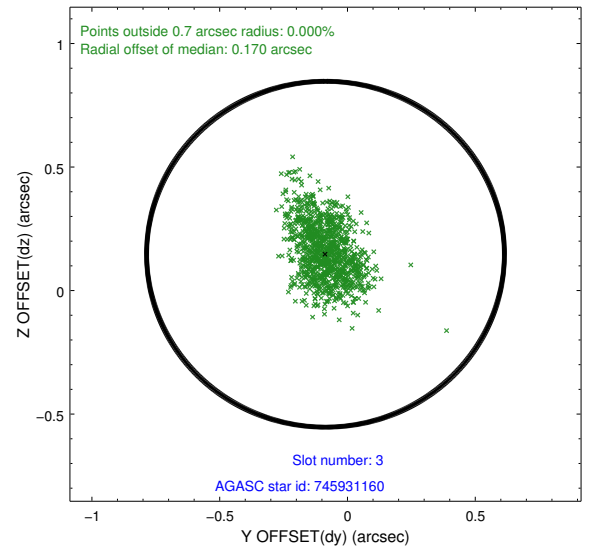
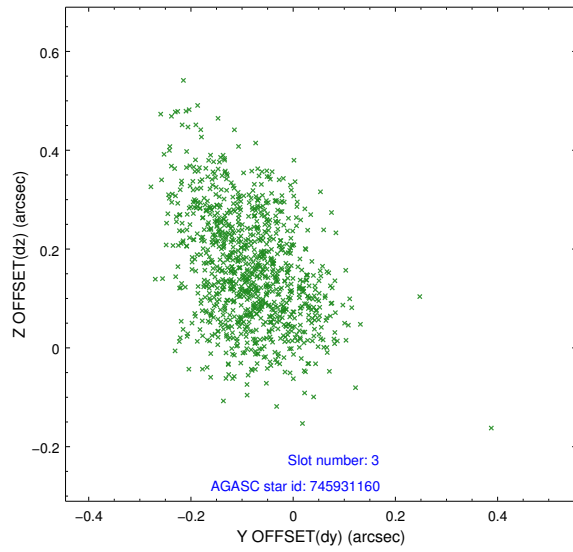


Slot Statistics

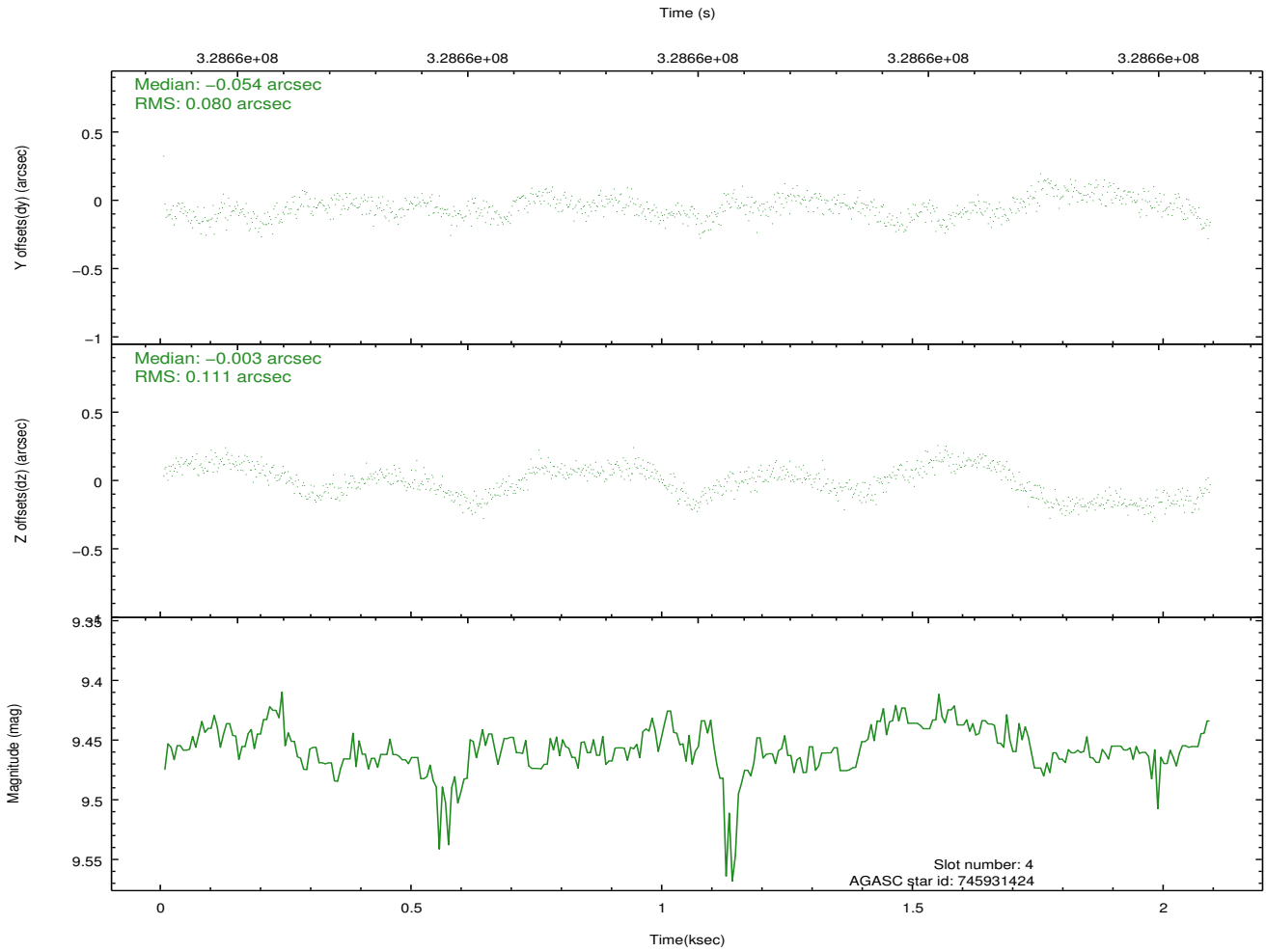
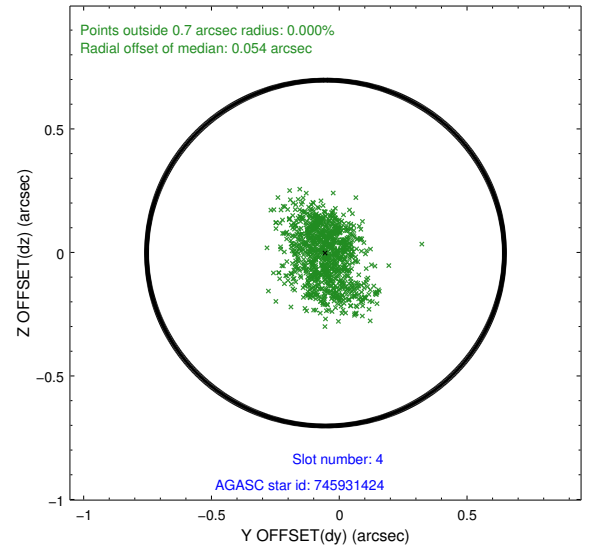
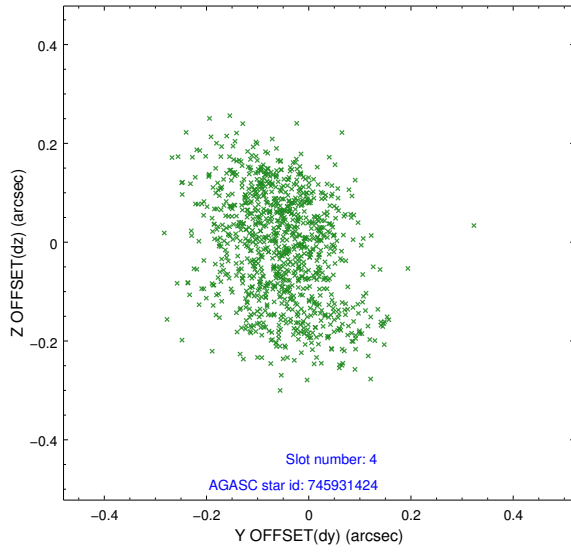
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	510	-0.034	-0.030	0.007	0.011	0.000000	0.000000	-766.15	-1735.07
1	FID	ACIS-S-4	6.98	510	0.143	0.025	0.006	0.011	0.000000	0.000000	2145.88	170.22
2	FID	ACIS-S-5	7.02	510	-0.140	0.014	0.007	0.011	0.000000	0.000000	-1815.09	167.45
3	GUIDE	745931160	9.72	1018	-0.086	0.147	0.147	0.235	278.467474	-9.177266	830.29	-2113.81
4	GUIDE	745931424	9.46	1019	-0.054	-0.003	0.147	0.240	277.981180	-9.051257	2031.23	-791.86
5	GUIDE	746338440	9.68	1017	-0.183	-0.255	0.101	0.159	277.545963	-9.496982	1319.51	1320.61
6	GUIDE	746455152	7.81	1019	0.072	0.032	0.059	0.098	278.447893	-9.976732	-1688.61	-721.12
7	GUIDE	746460328	9.82	1014	0.251	0.071	0.118	0.191	278.603974	-9.898096	-1696.78	-1344.38

2.4 Star Slots

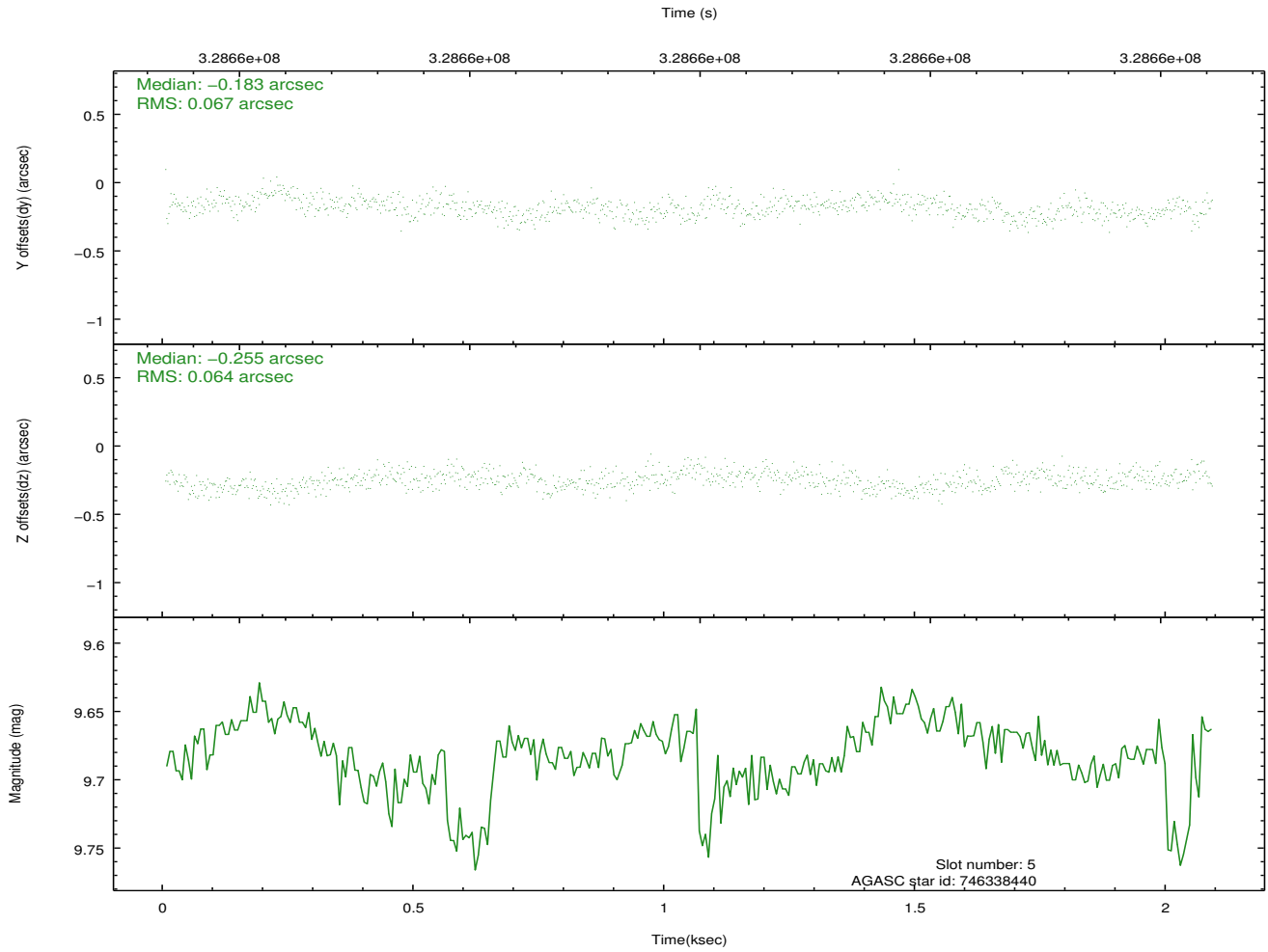
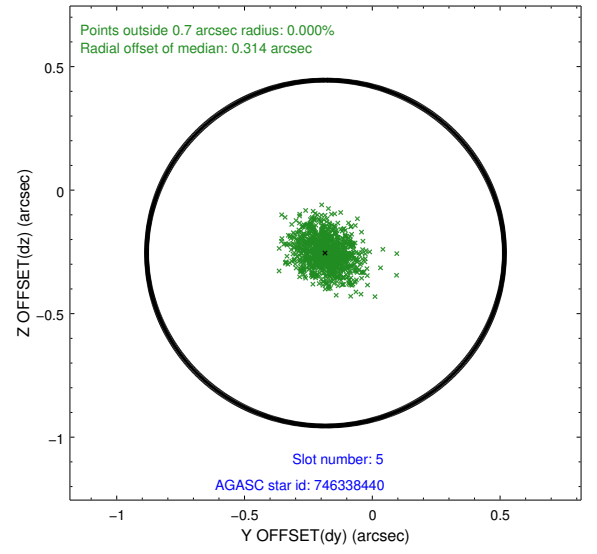
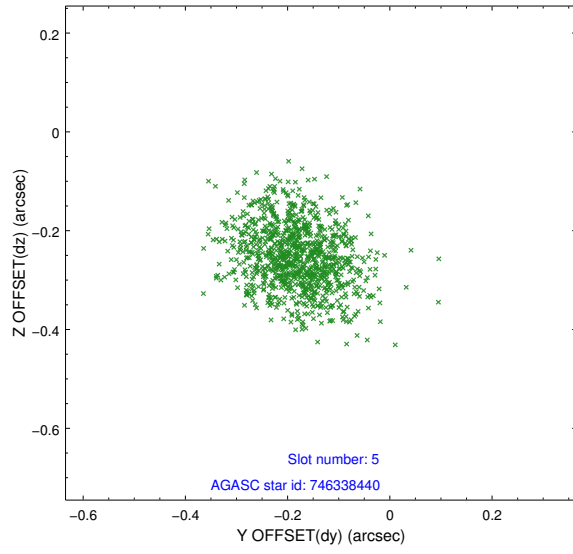
2.4.1 Slot 3



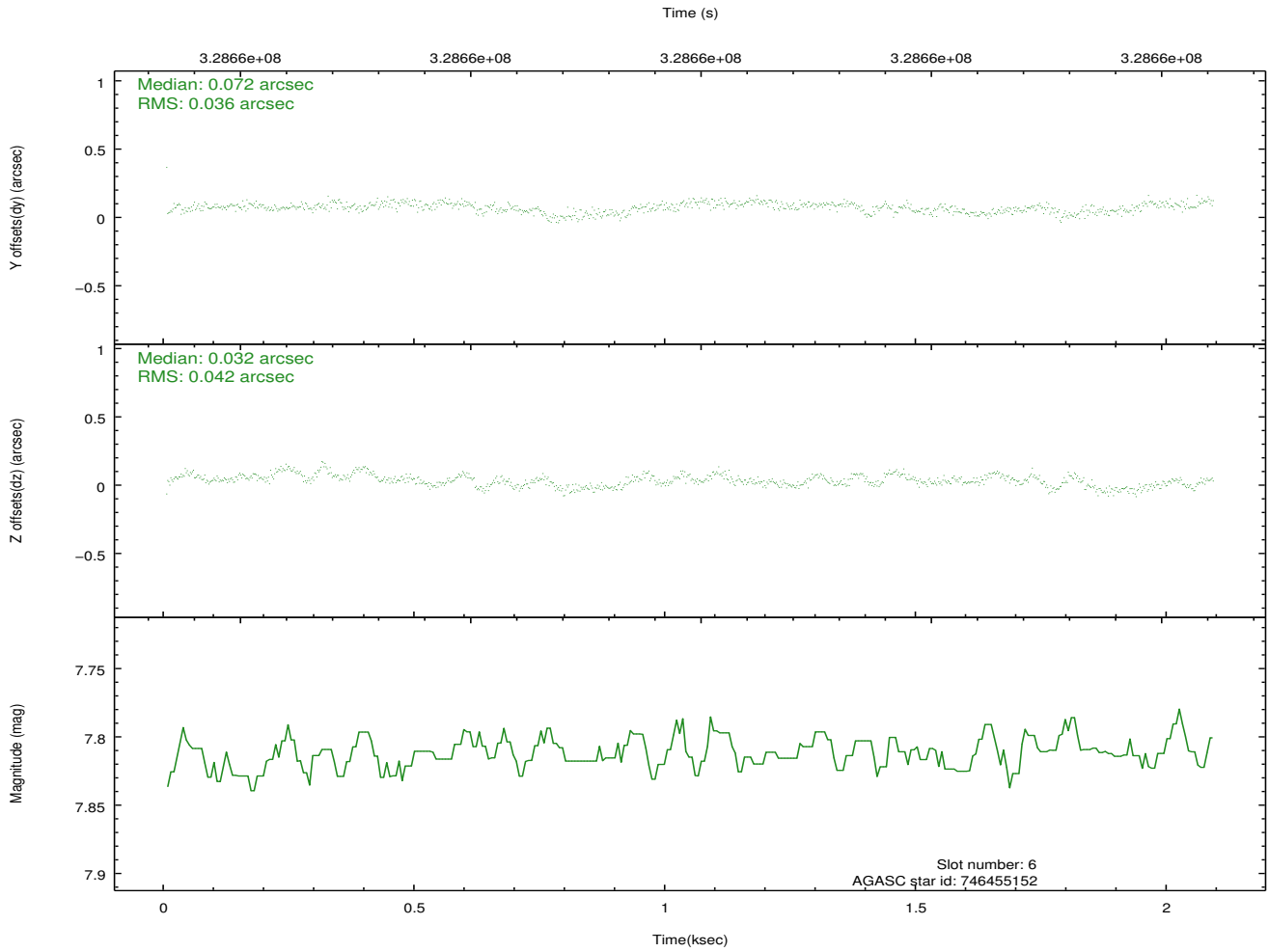
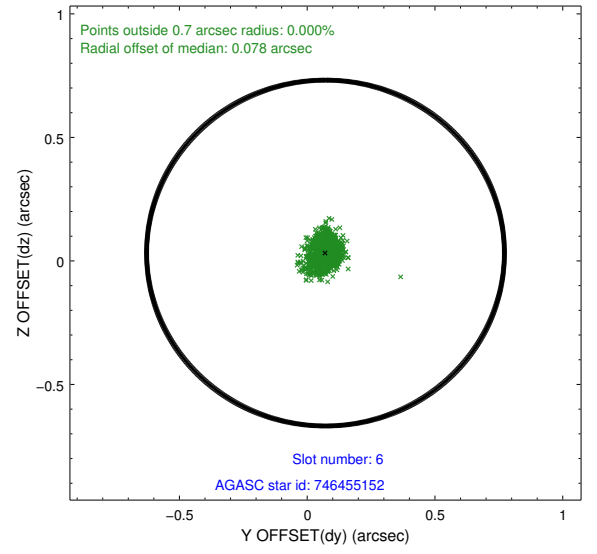
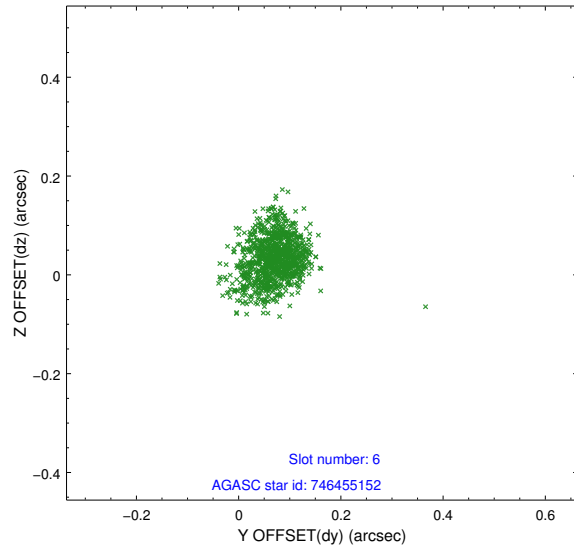
2.4.2 Slot 4



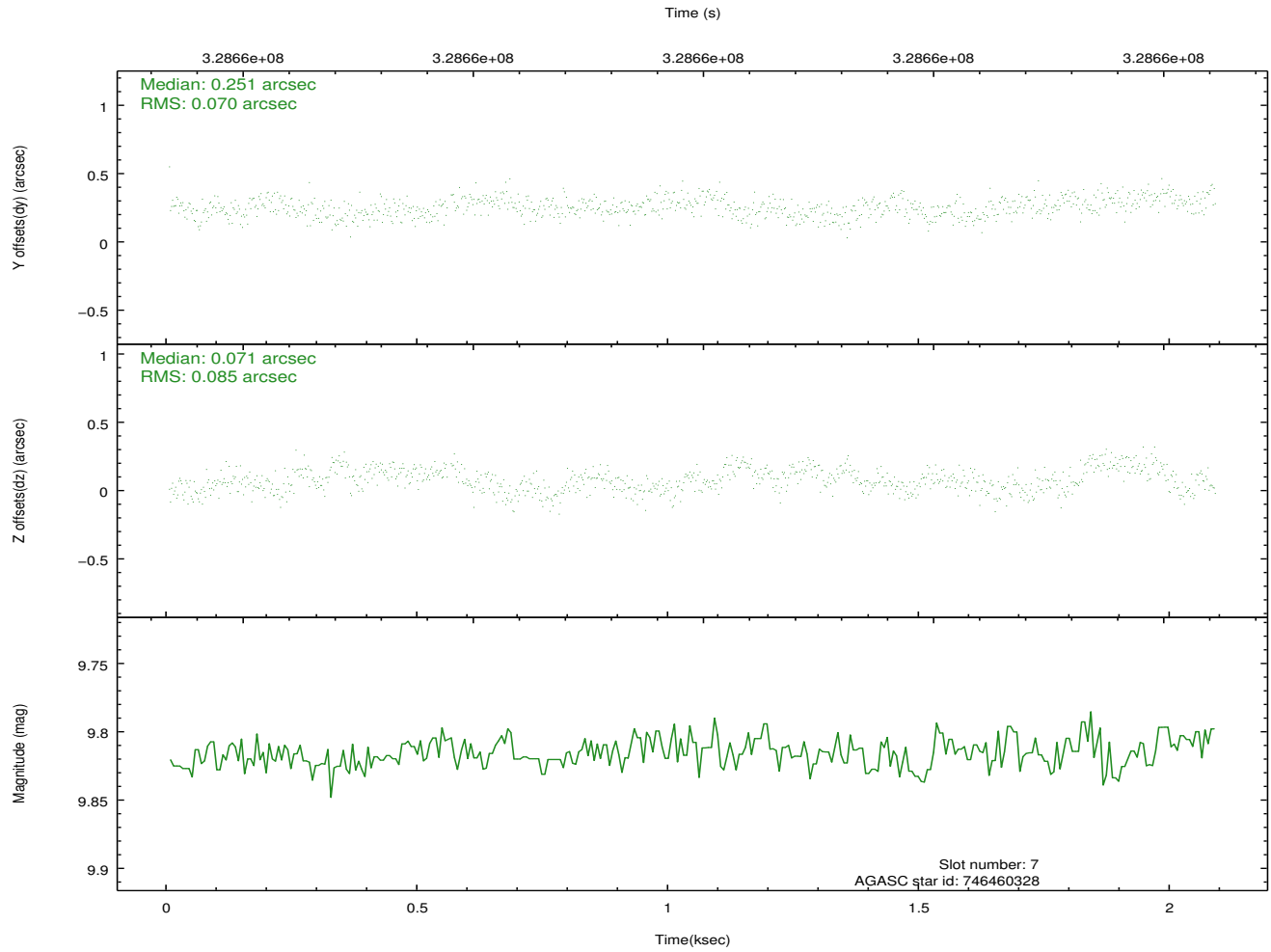
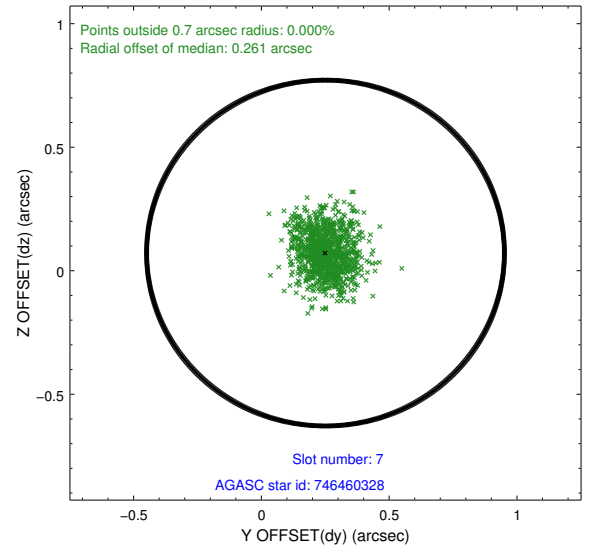
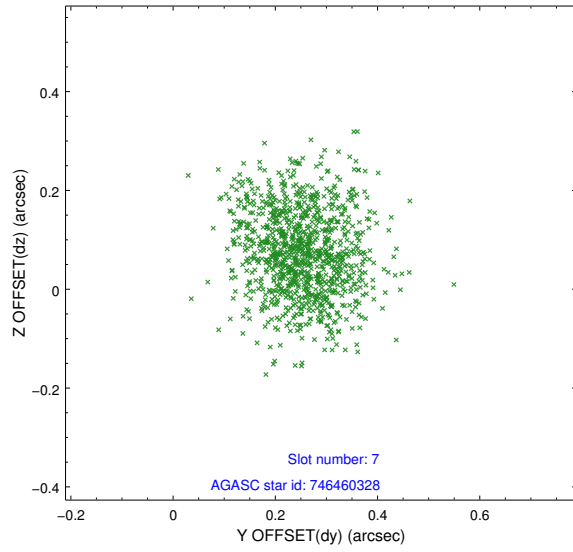
2.4.3 Slot 5



2.4.4 Slot 6

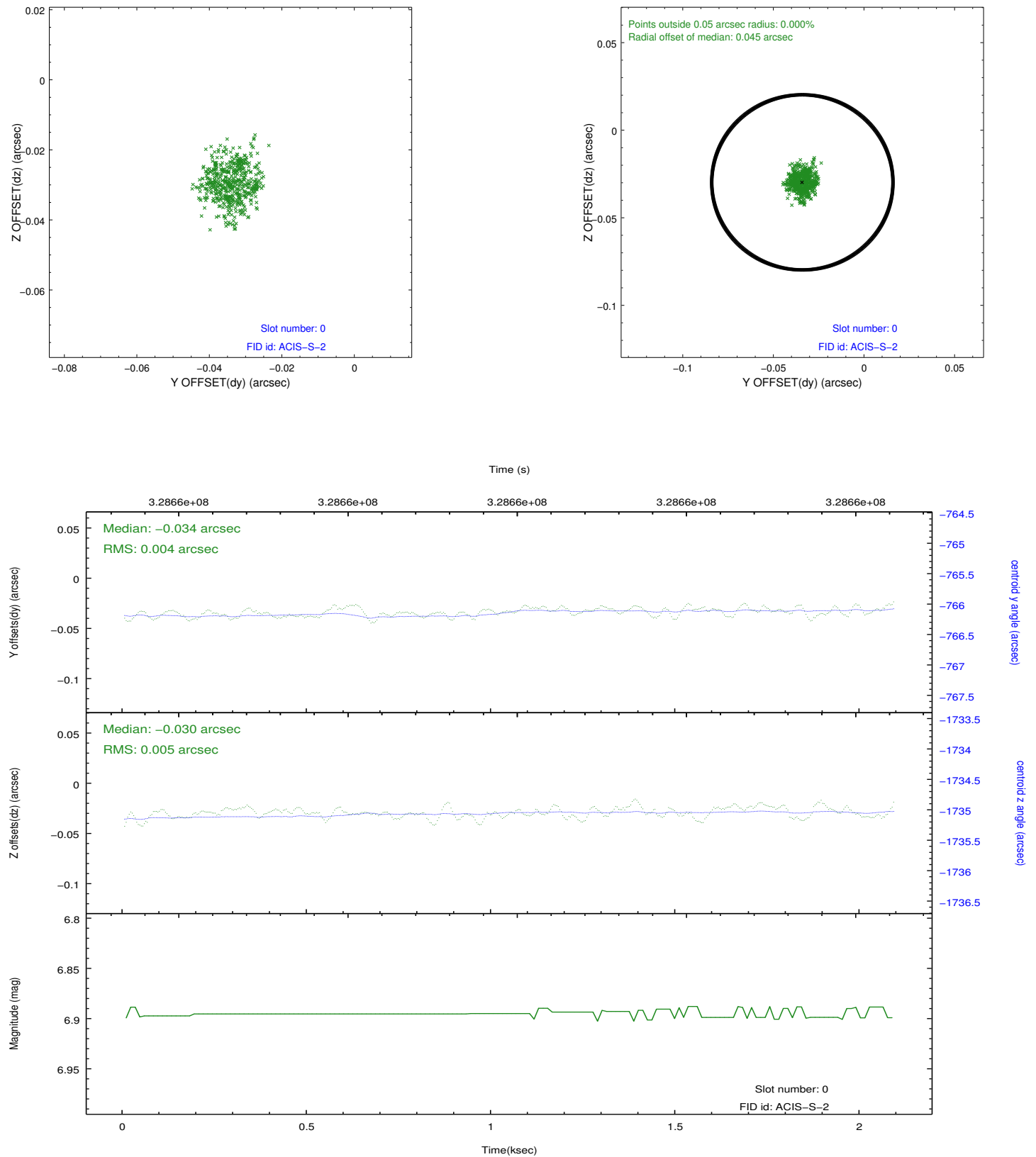


2.4.5 Slot 7

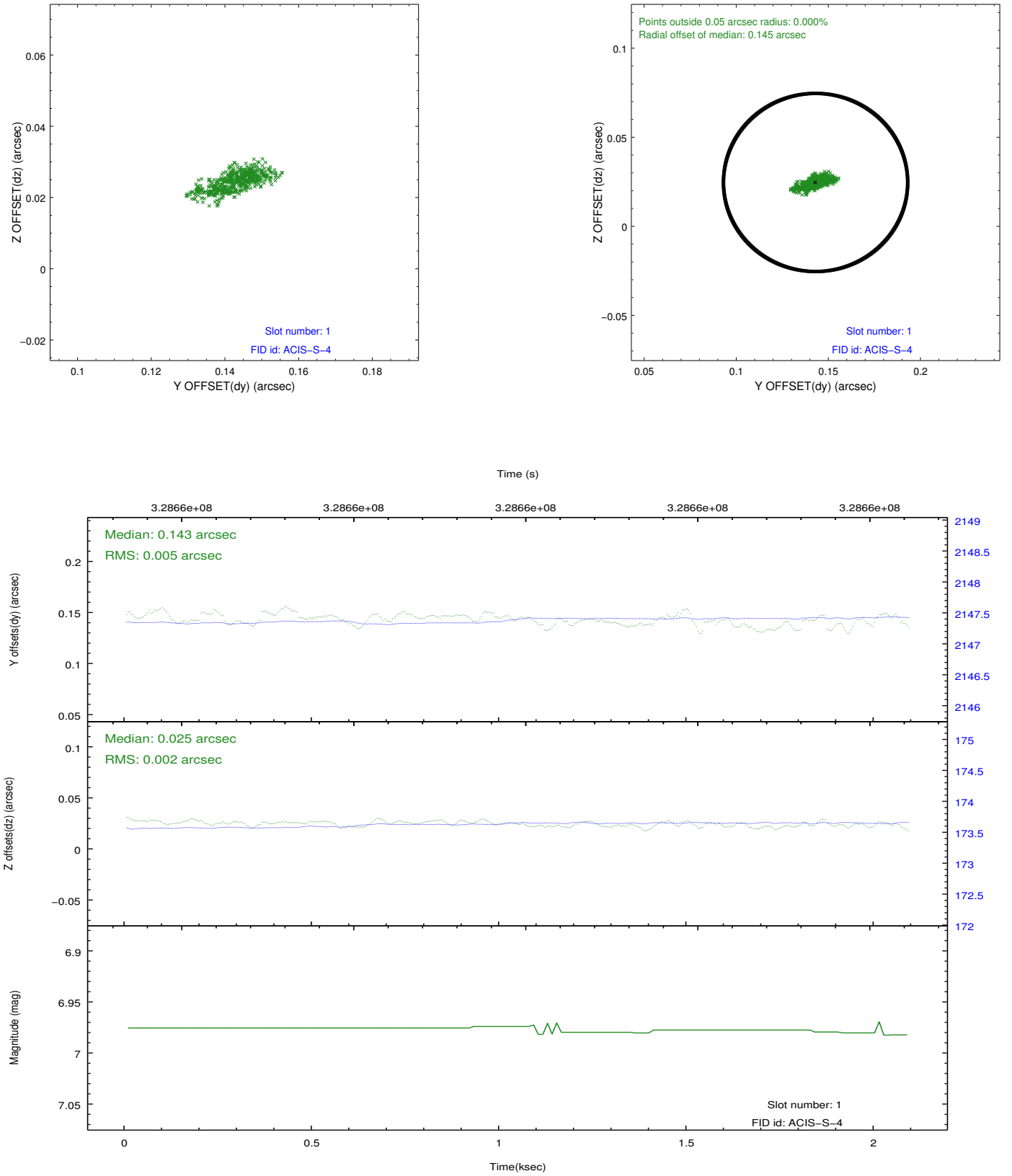


2.5 FID Slots

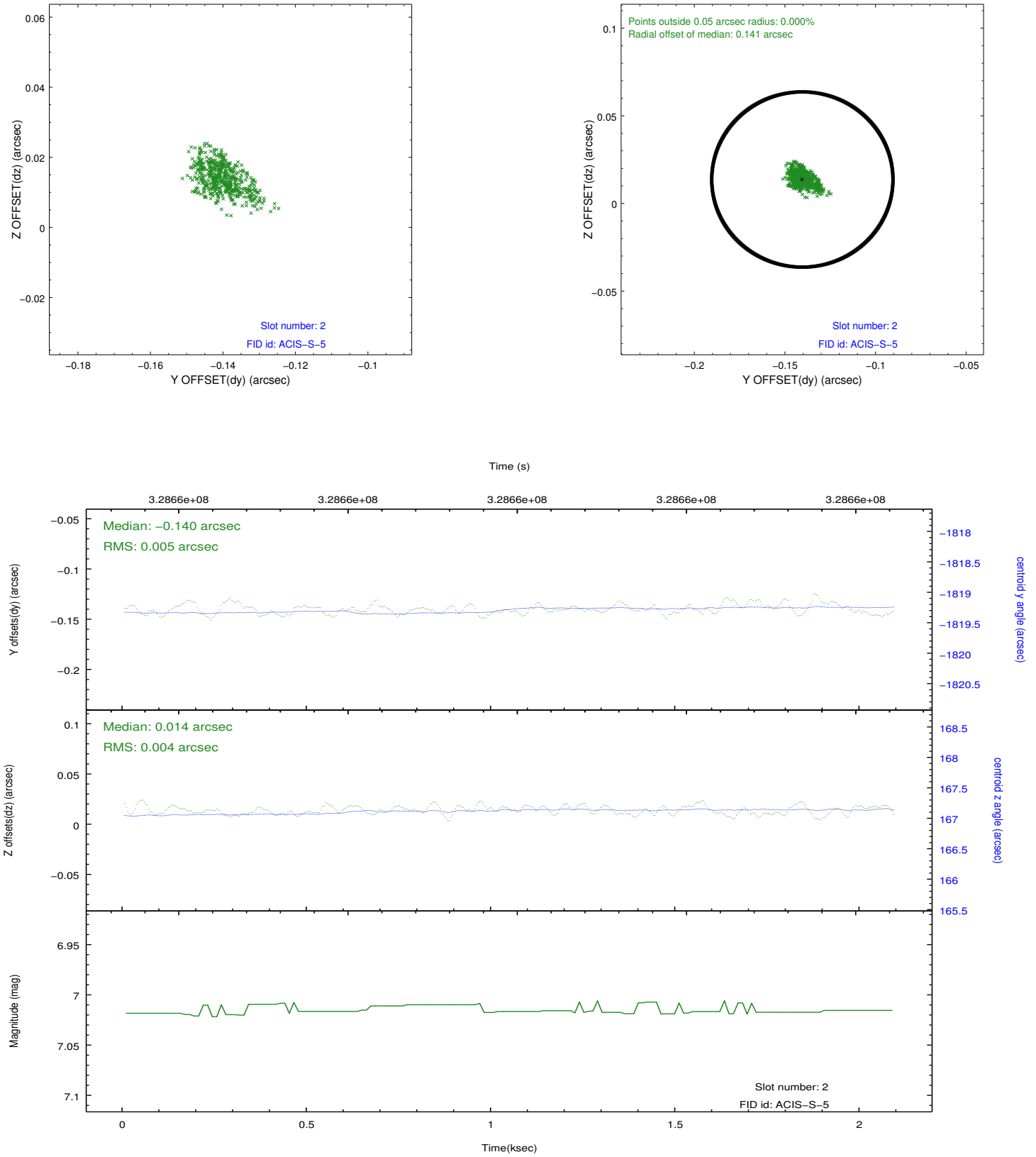
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.05599999

A.2 Comments