

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8246 - L2 Version 3
Chandra X-Ray Center

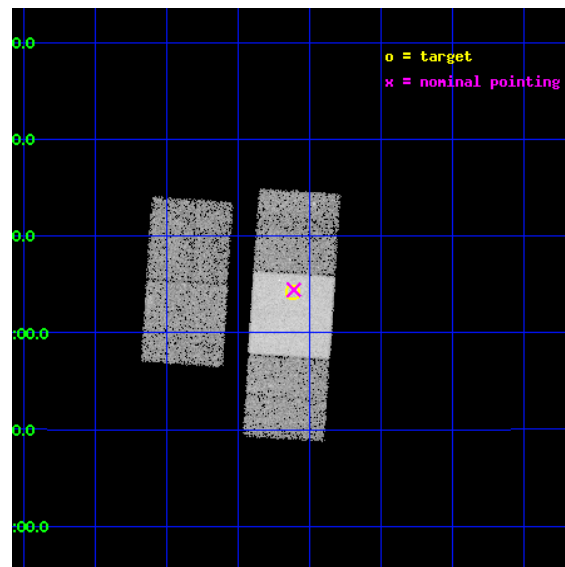
L2 Processing Date : Apr 21 2012

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

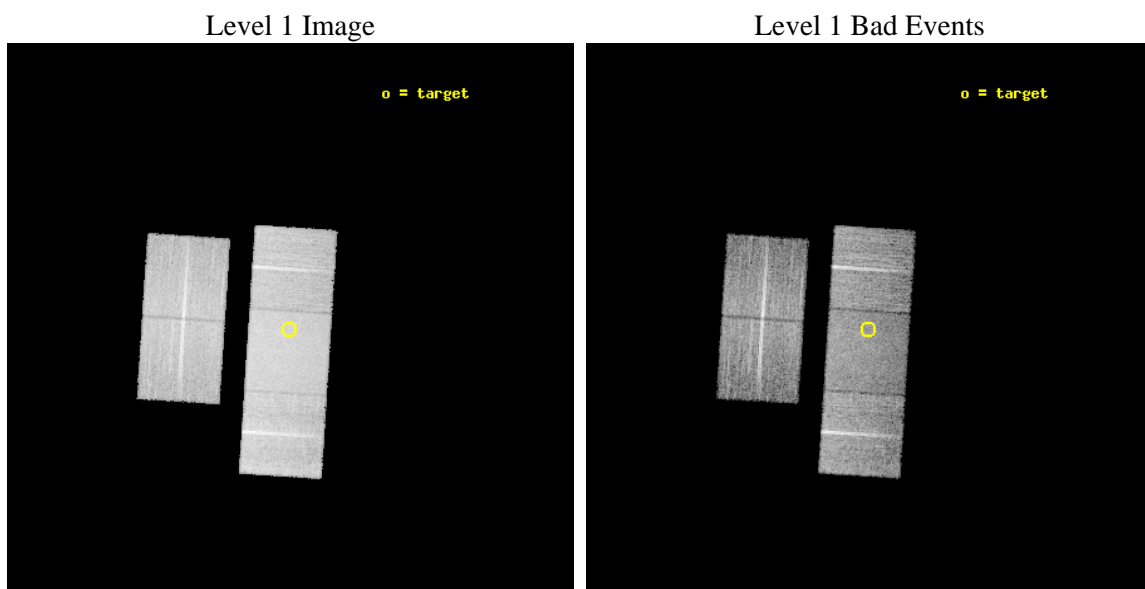
seq_num	701561	Sequence number
obs_id	8246	Observation id
title	A snapshot X-ray/radio survey of AGNs selected from the long menu of SDSS galaxies	Proposal title
observer	Dr. Sebastian Heinz	Principal investigator
object	2MASX J134907+050413	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.280125	Observer's specified target RA [deg]
dec_targ	5.07	Observer's specified target Dec [deg]
ra_nom	207.27727949386	Nominal RA [deg]
dec_nom	5.0739128513364	Nominal Dec [deg]
roll_nom	93.721133457574	Nominal Roll [deg]
revision	3	Processing version of data
ontime	11032.900084853	Sum of GTIs [s]
livetime	10888.747122942	Livetime [s]
ontime2	11032.900084853	Sum of GTIs [s]
ontime3	11032.900084853	Sum of GTIs [s]
ontime6	11029.759094477	Sum of GTIs [s]
ontime7	11032.900084853	Sum of GTIs [s]
ontime8	11029.75910455	Sum of GTIs [s]
l2events	99947	Number of level 2 events



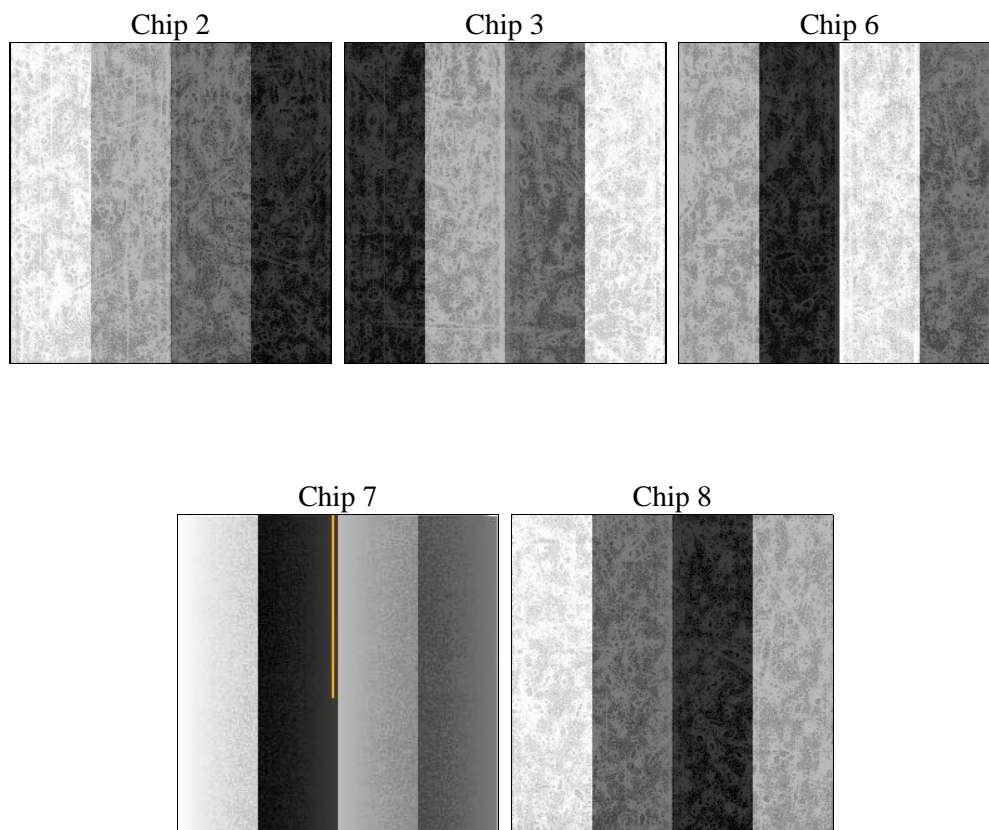
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	11000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	11032.900084853	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	11032.900084853	Sum of GTIs [s]
date	2012-04-21T13:56:12	Date and time of file creation	ontime3	11032.900084853	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	11029.759094477	Sum of GTIs [s]
			ontime7	11032.900084853	Sum of GTIs [s]
			ontime8	11029.75910455	Sum of GTIs [s]
			l1events	572346	Number of level 1 events

2.1.4 Events

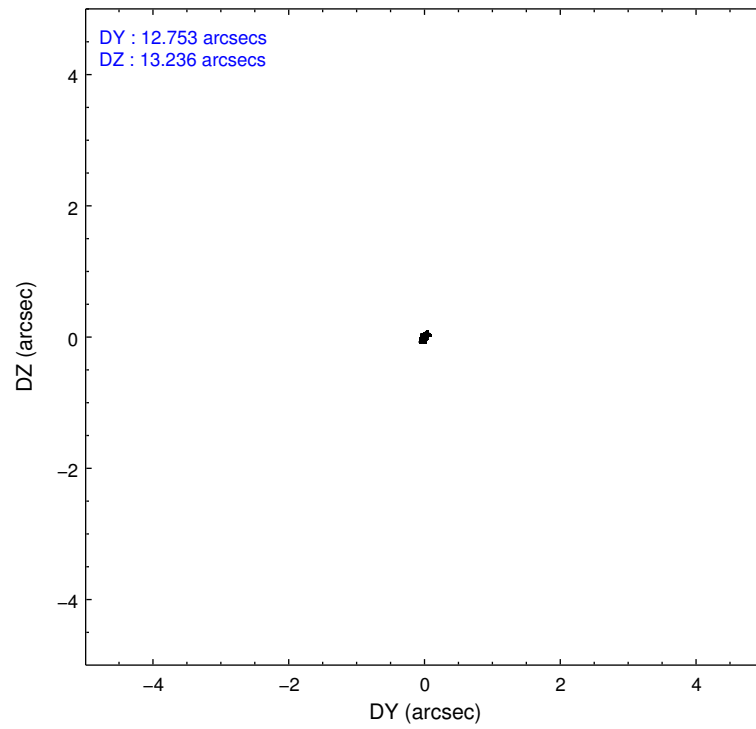
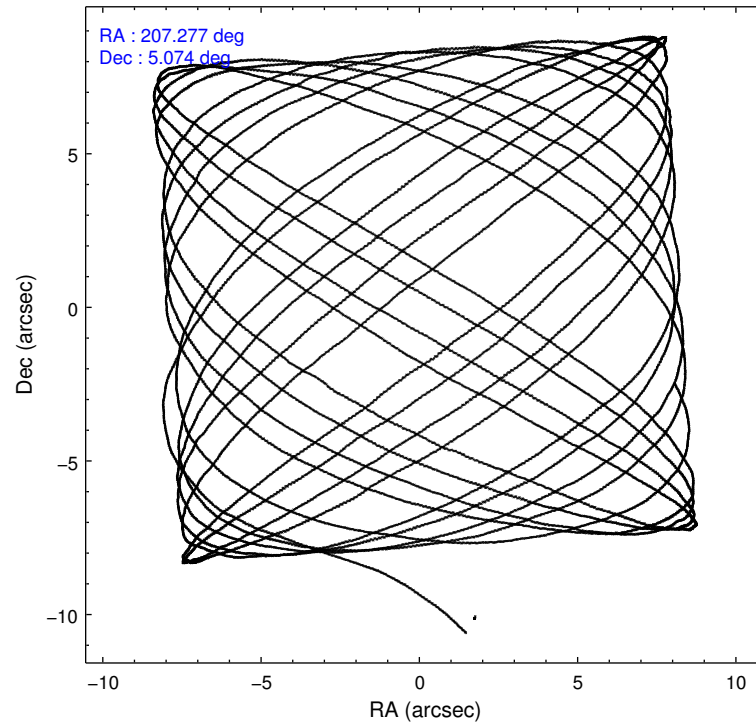
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	99165	98535	105983	139892	128771
rejected events	87584	86326	93667	82457	101276
rejected %	88%	87%	88%	58%	78%

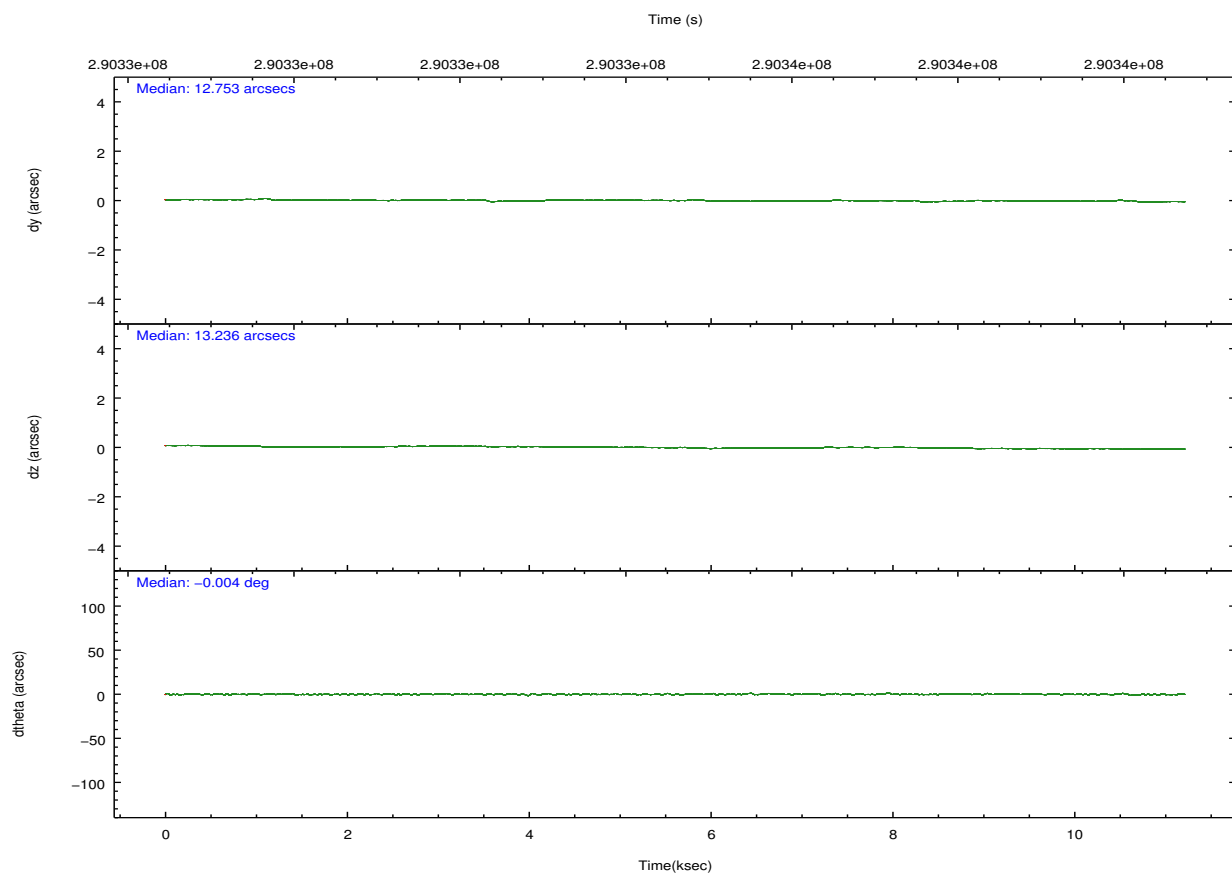
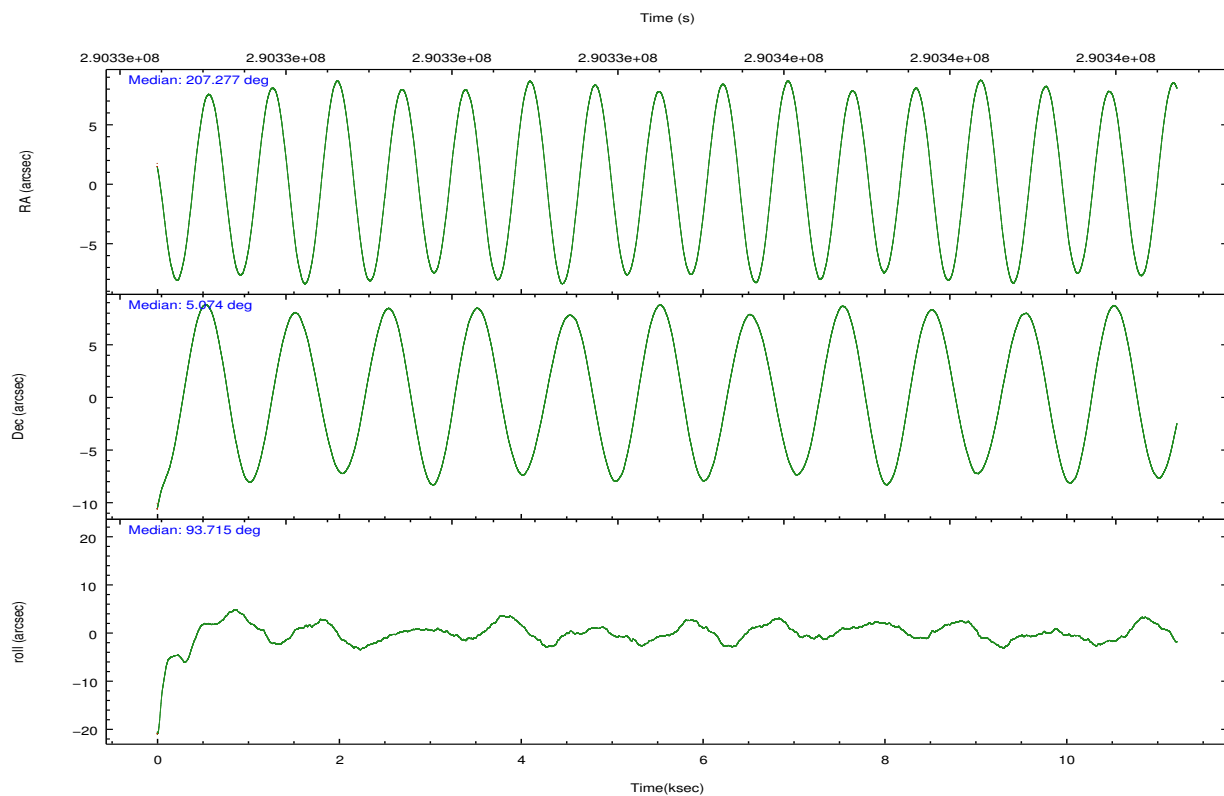
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	4925	5373	4690	5057	8680
	4%	5%	4%	3%	6%
grade 1 events	67	67	51	128	91
	0%	0%	0%	0%	0%
grade 2 events	2386	2390	2768	11527	6287
	2%	2%	2%	8%	4%
grade 3 events	1121	1210	1208	4916	2760
	1%	1%	1%	3%	2%
grade 4 events	1089	1165	1143	4693	2640
	1%	1%	1%	3%	2%
grade 5 events	4046	4636	4757	13241	6349
	4%	4%	4%	9%	4%
grade 6 events	2067	2072	2514	31256	7142
	2%	2%	2%	22%	5%
grade 7 events	83464	81622	88852	69074	94822
	84%	82%	83%	49%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	207.292861	207.2772794938553	CCD I2 on	O1	Y
[deg] Pointing Dec	5.051418	5.073912851336355	CCD I3 on	O2	Y
[deg] Pointing Roll	93.563136	93.72113345757411	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O4	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O3	Y
[s] Observation start time (MET)	290329203.184000	290328261.08062	CCD S5 on	N	N
Observation start date	2007-03-15T06:58:58	2007-03-15T06:44:21	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	290340203.184000	290341054.10623	On-chip summing requested	N	N
Observation end date	2007-03-15T10:02:18	2007-03-15T10:17:34	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



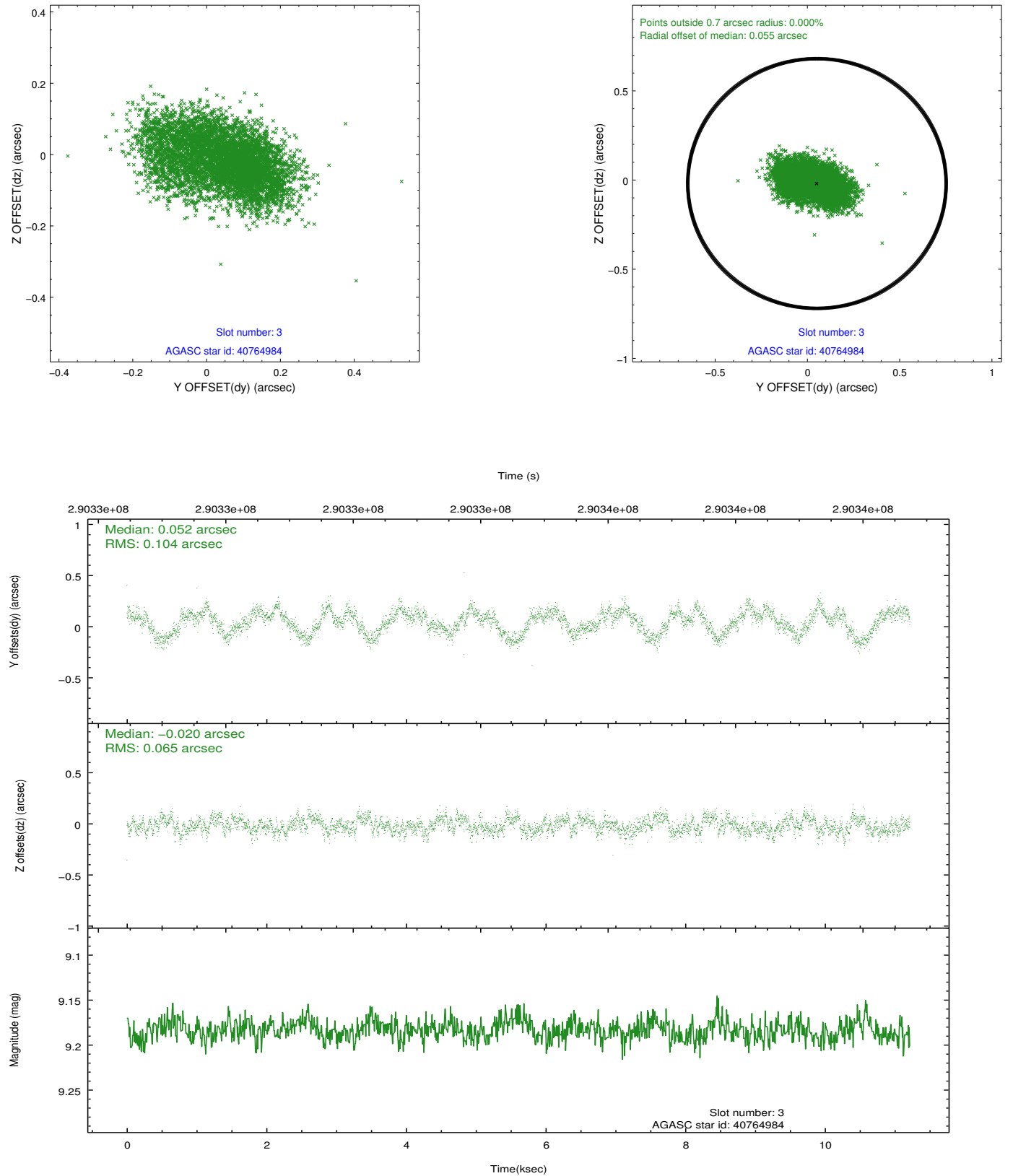


Slot Statistics

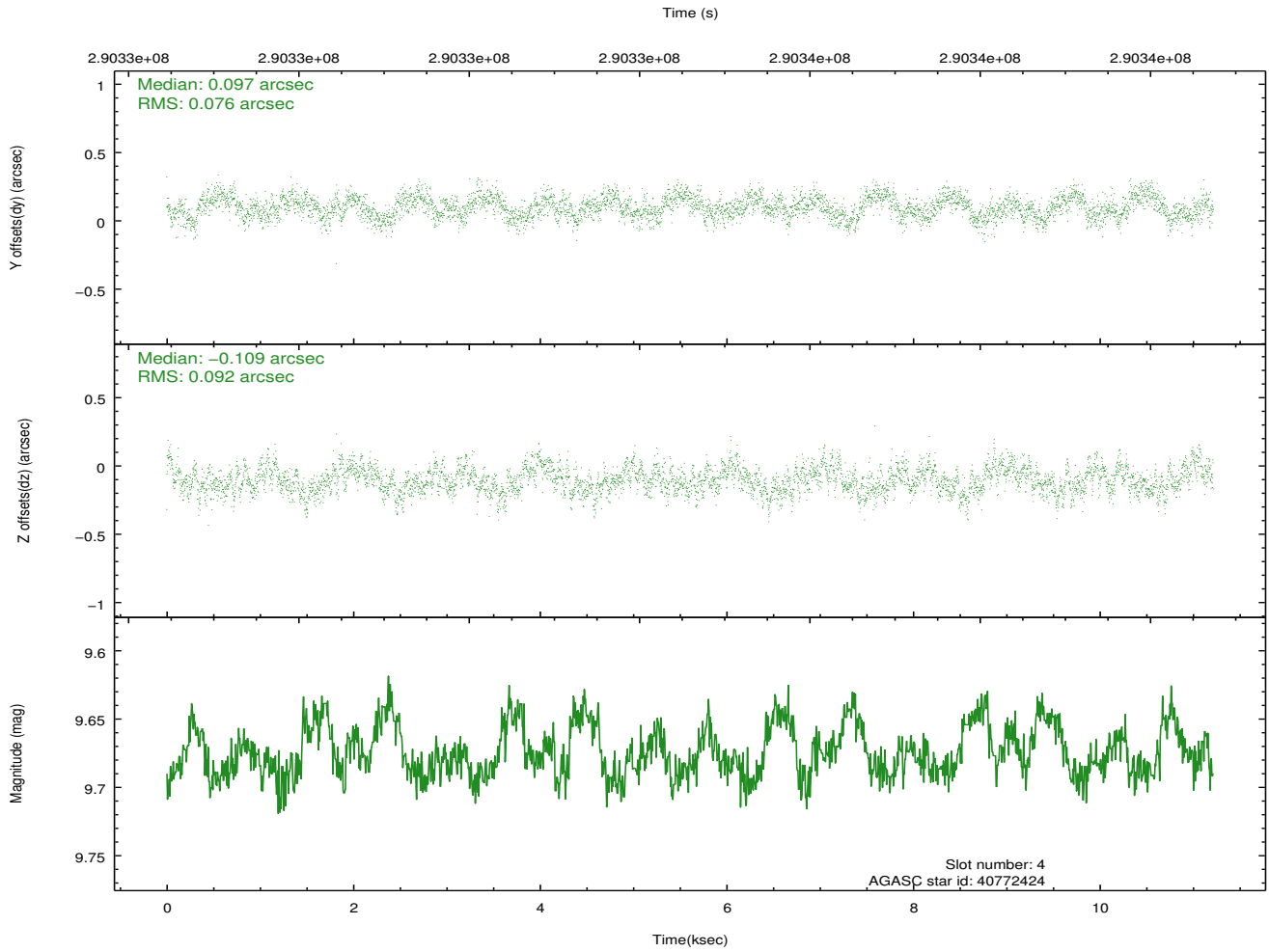
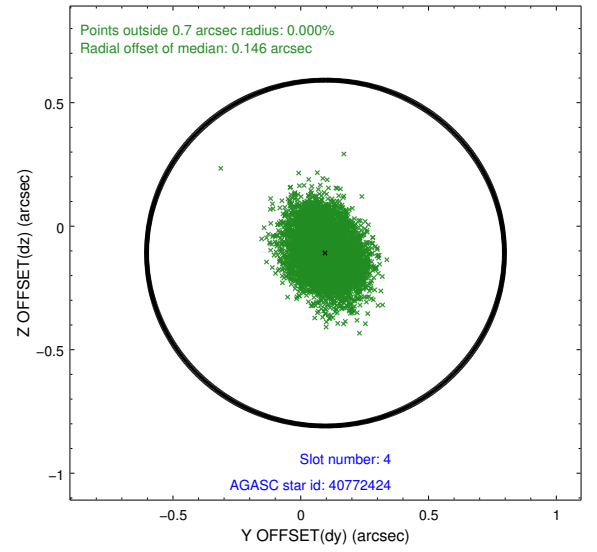
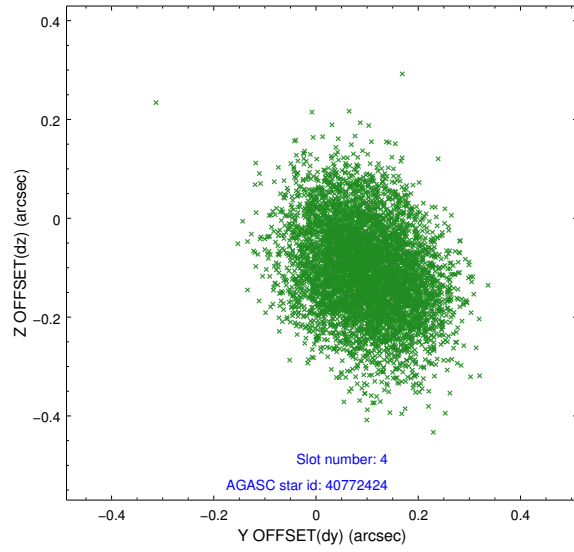
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	2736	-0.071	-0.047	0.006	0.011	0.000000	0.000000	-765.73	-1734.61
1	FID	ACIS-S-4	7.20	2736	0.099	0.024	0.006	0.011	0.000000	0.000000	2147.51	173.46
2	FID	ACIS-S-6	7.34	2735	-0.056	0.030	0.007	0.011	0.000000	0.000000	396.85	811.39
3	GUIDE	40764984	9.18	5467	0.052	-0.020	0.132	0.212	207.013729	4.828814	-737.08	1049.13
4	GUIDE	40772424	9.68	5466	0.097	-0.109	0.128	0.205	206.880555	4.845425	-647.83	1522.89
5	GUIDE	41164672	9.75	5467	0.057	0.084	0.140	0.229	206.679039	5.620987	2184.44	2068.03
6	GUIDE	41166160	9.51	5464	0.018	-0.060	0.126	0.201	206.979946	5.295980	949.35	1065.24
7	GUIDE	41166216	10.00	5463	-0.202	0.098	0.163	0.257	207.315484	5.434172	1370.70	-166.13

2.4 Star Slots

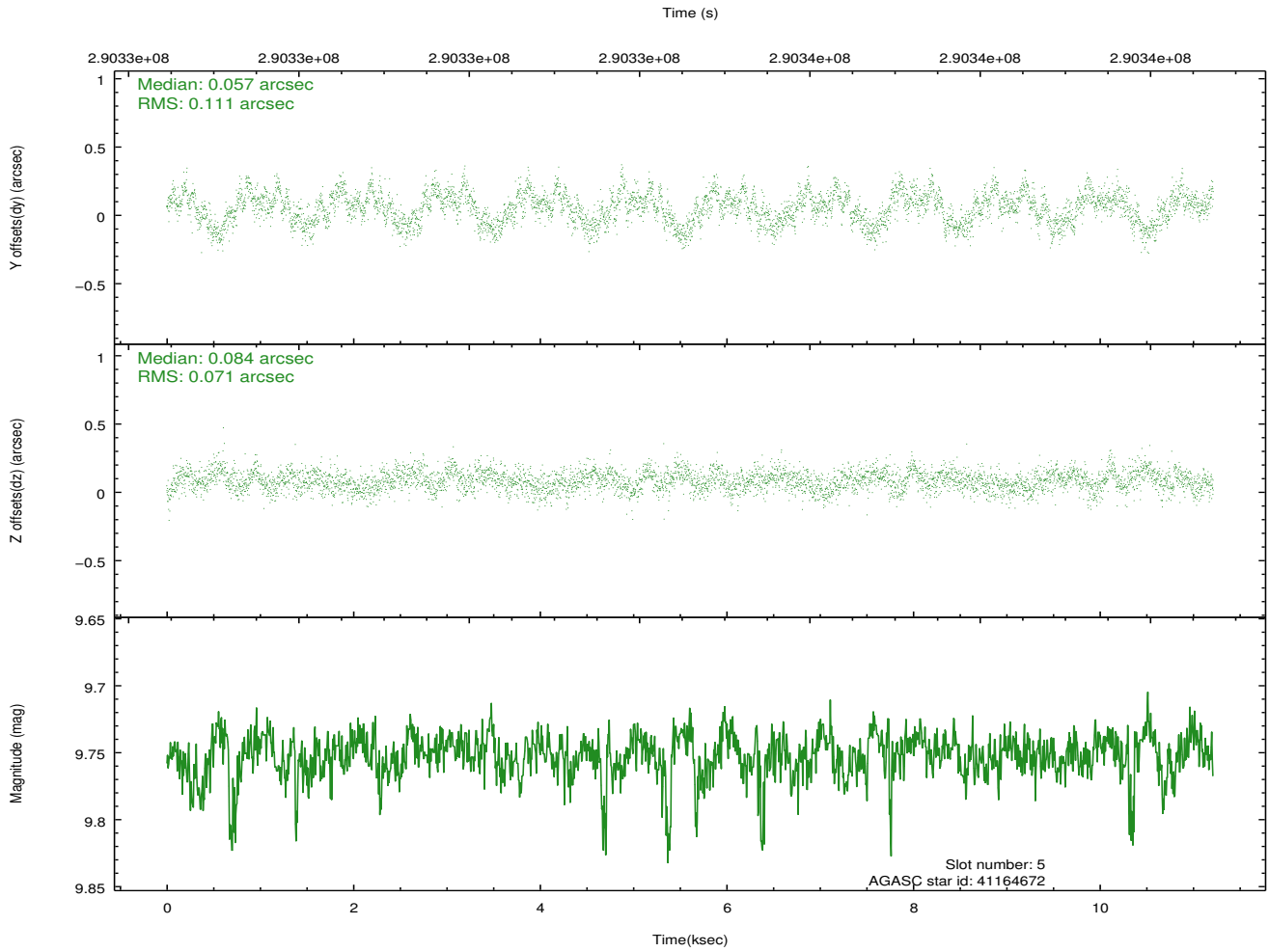
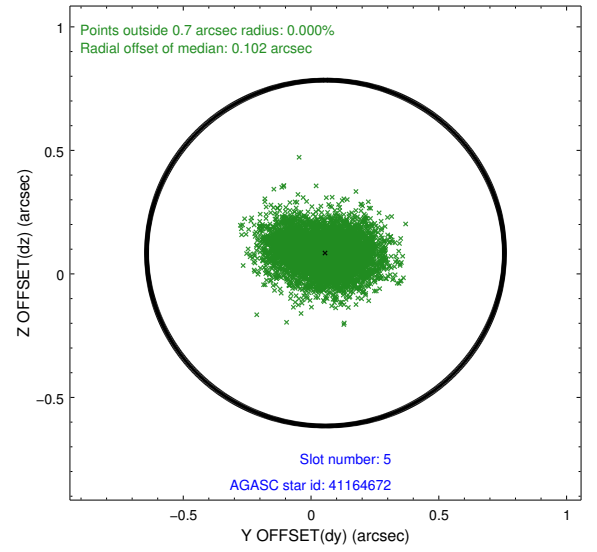
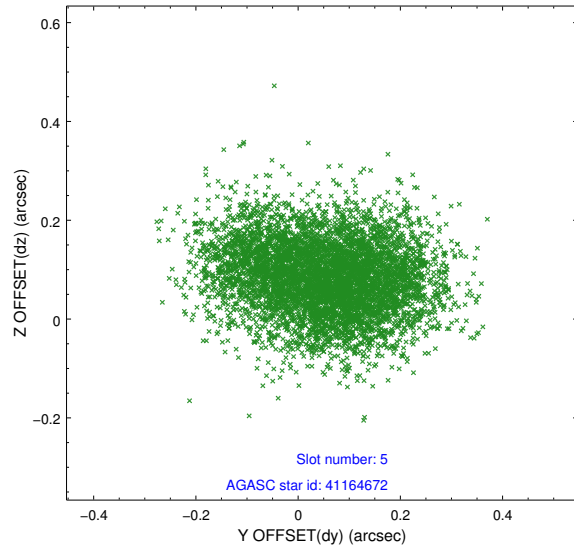
2.4.1 Slot 3



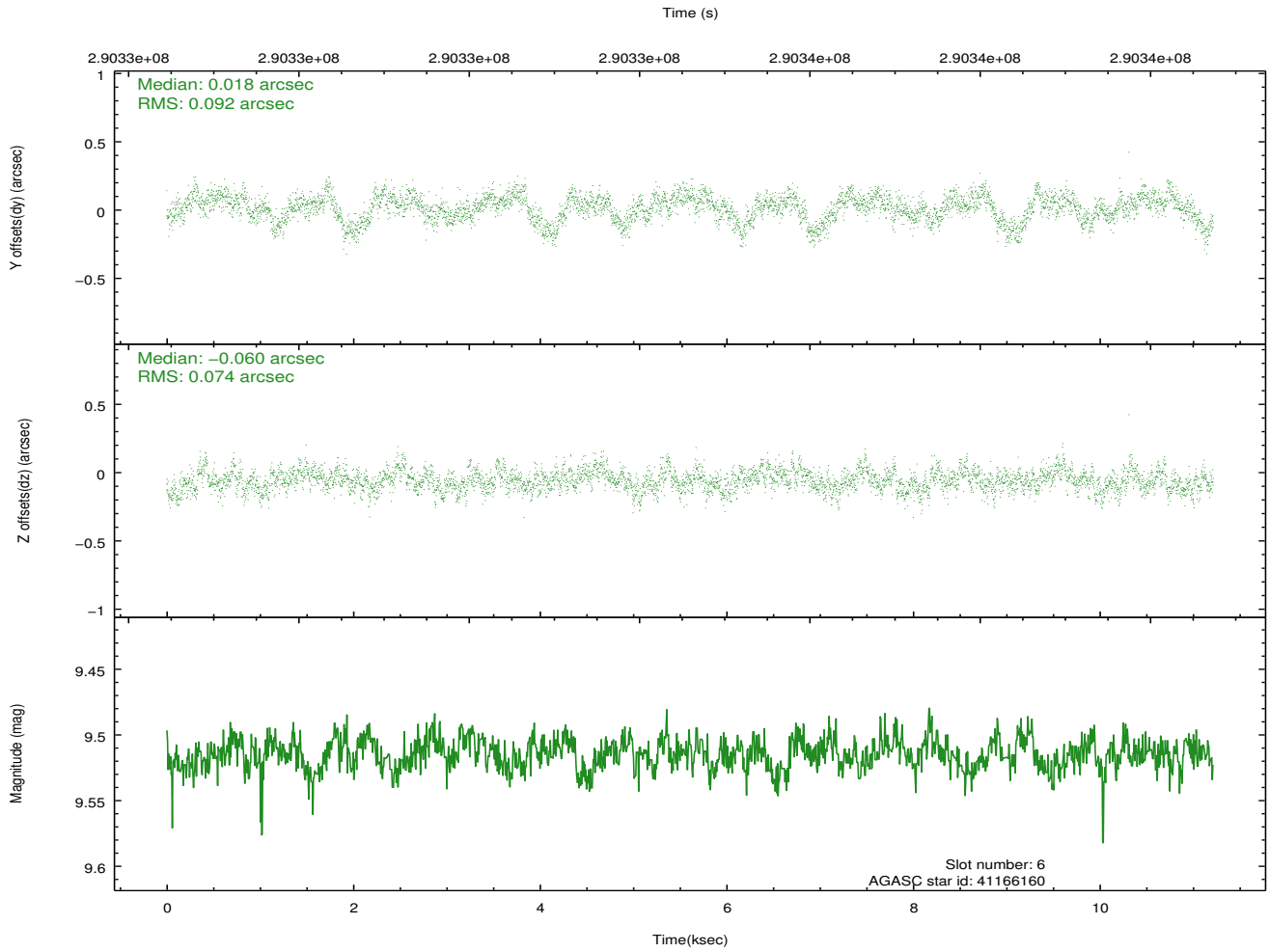
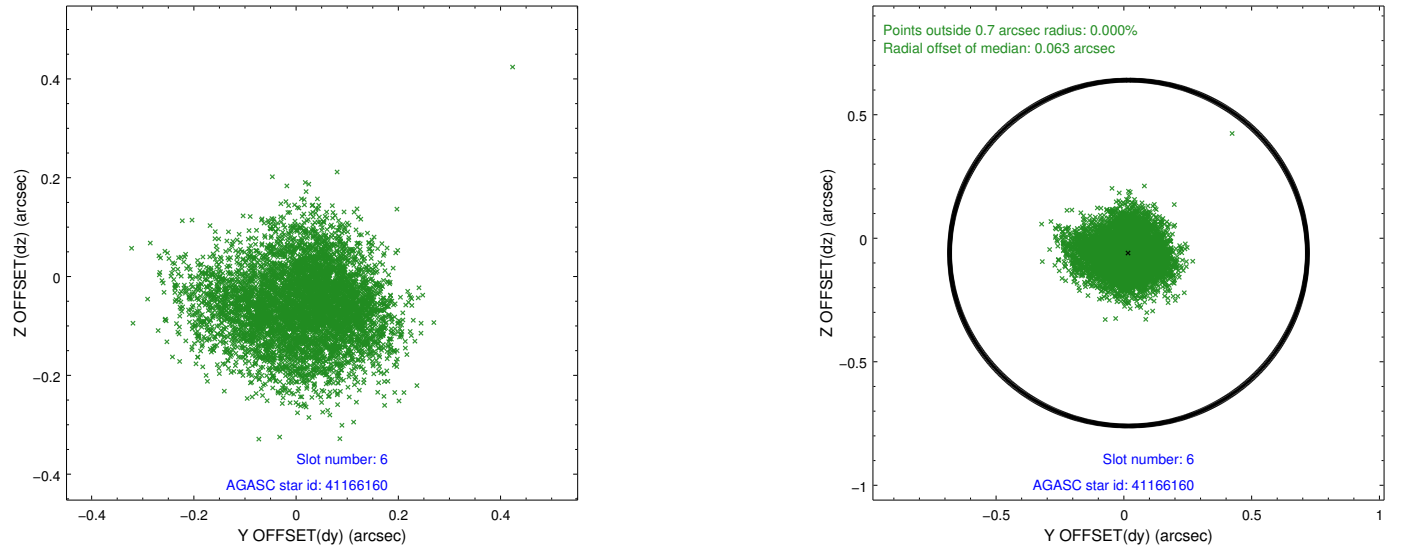
2.4.2 Slot 4



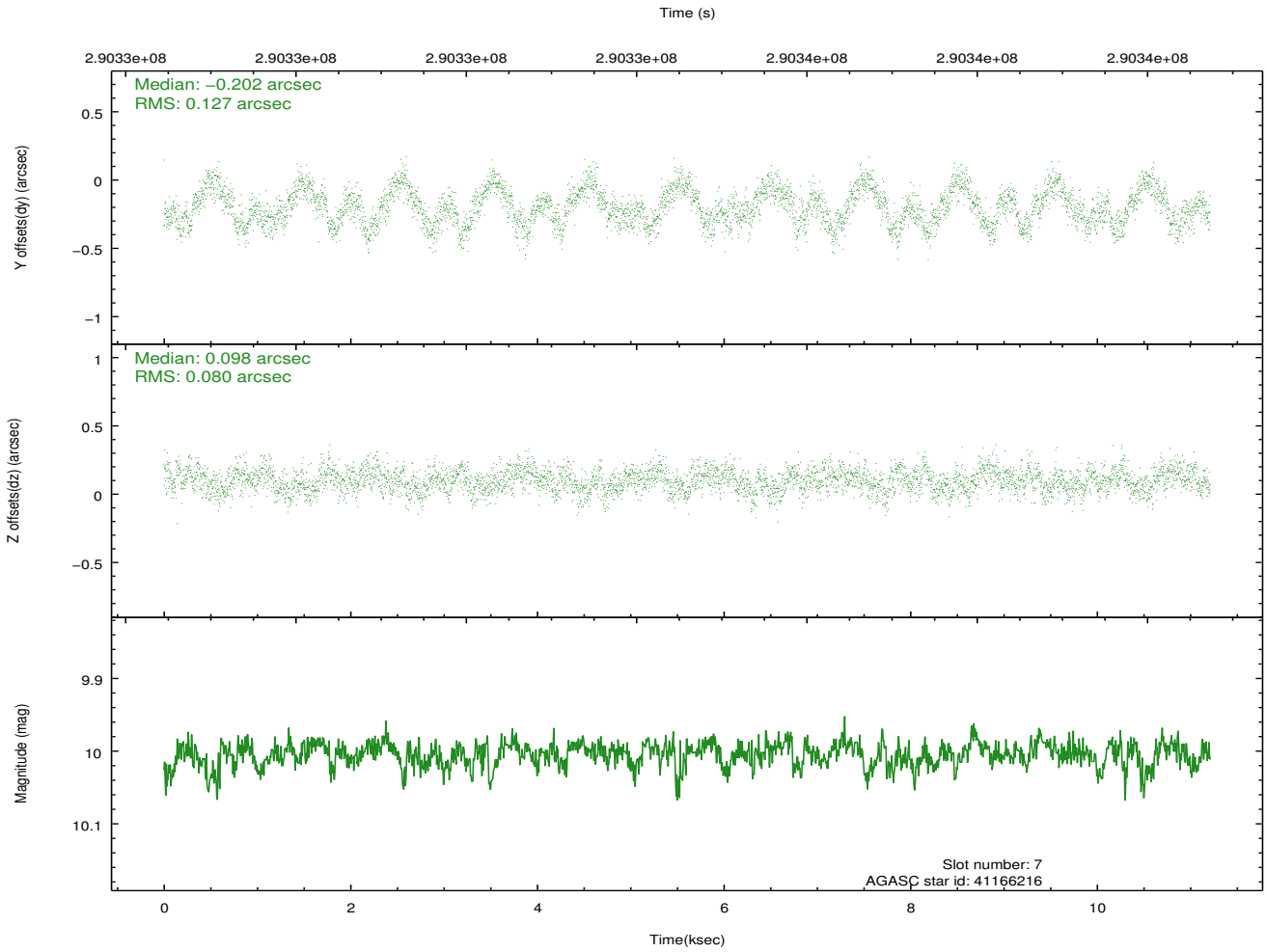
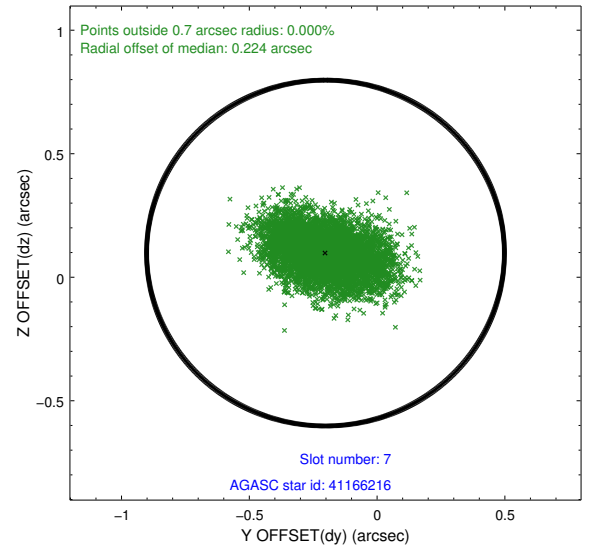
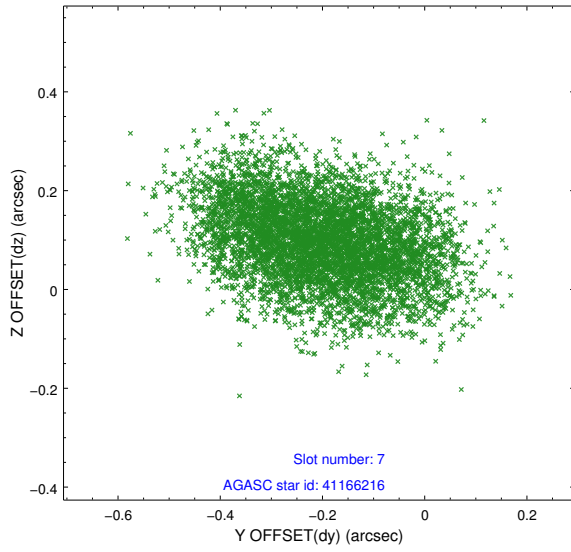
2.4.3 Slot 5



2.4.4 Slot 6

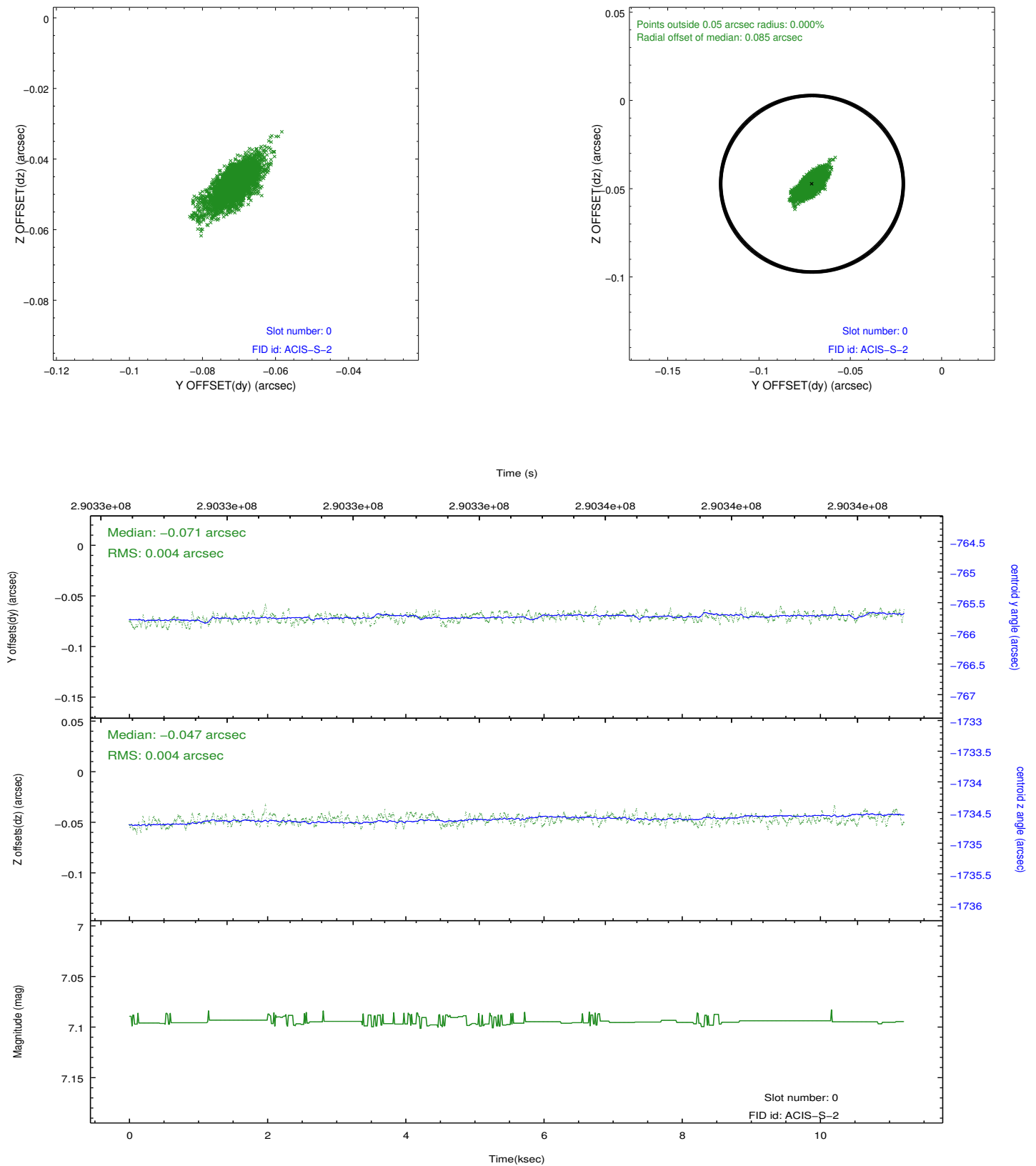


2.4.5 Slot 7

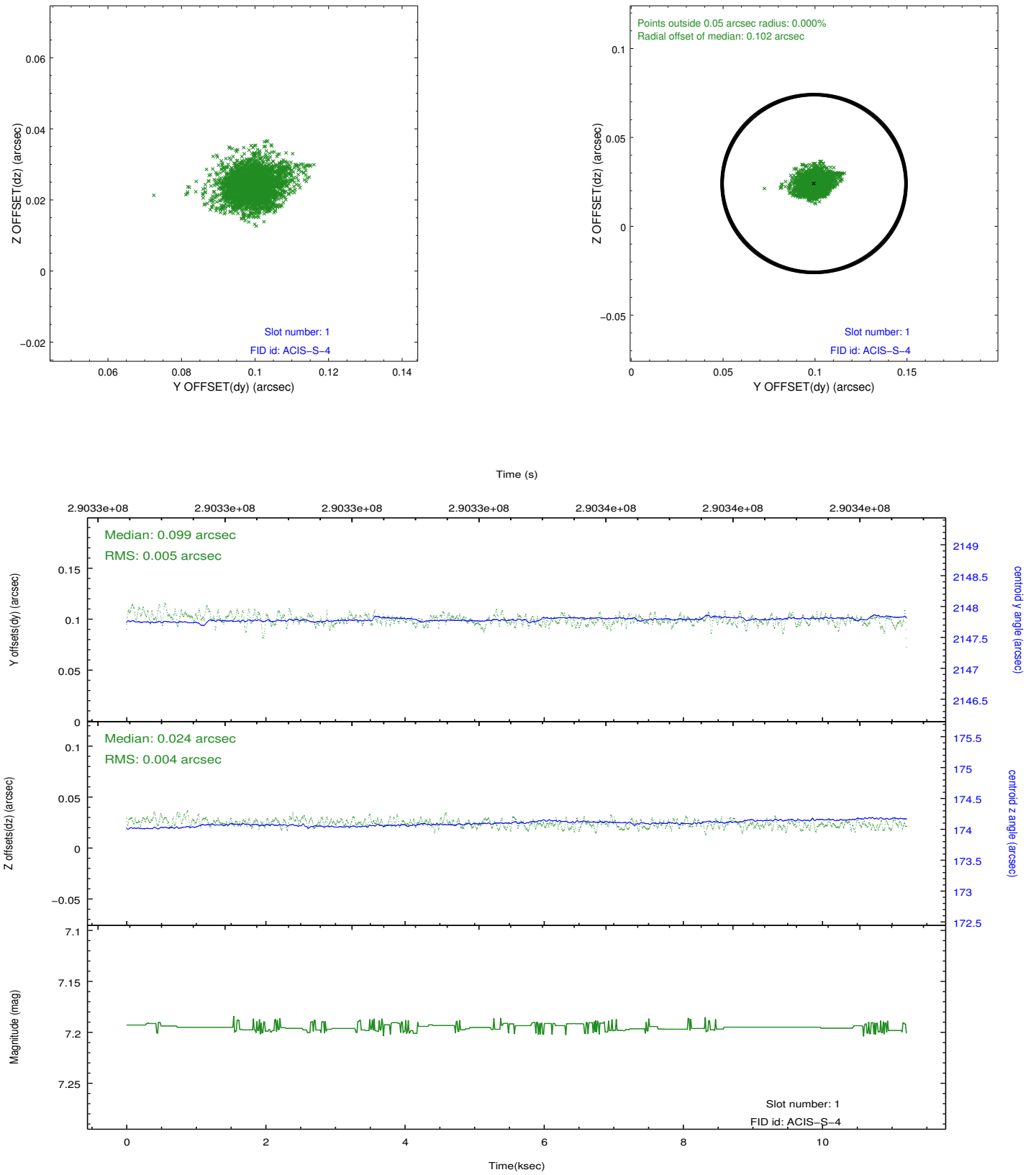


2.5 FID Slots

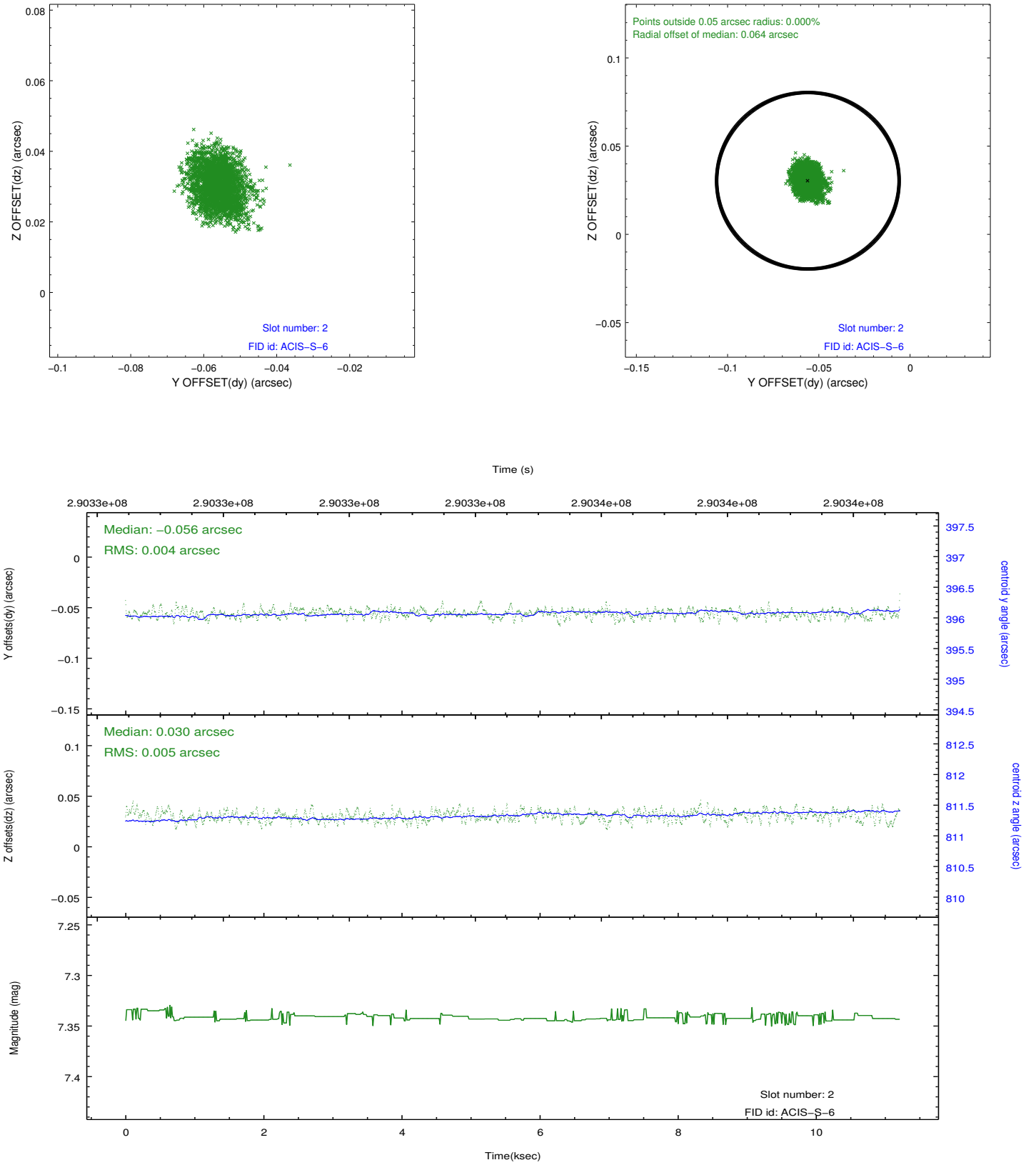
2.5.1 Slot 0



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)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.0329

A.2 Comments

Joint proposal with NRAO.