

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3346 - L2 Version 3
Chandra X-Ray Center

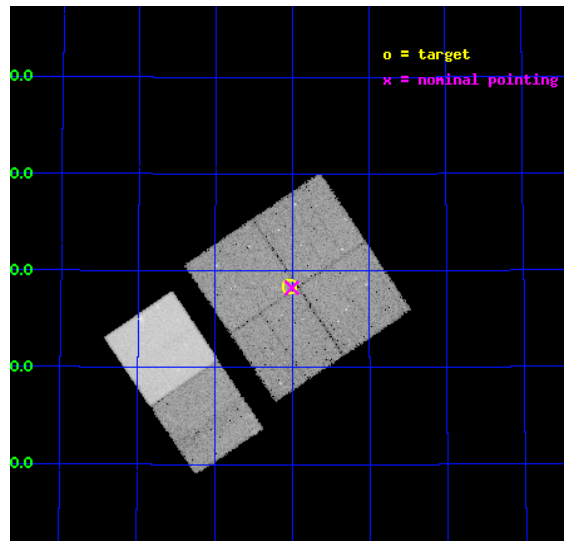
L2 Processing Date : Oct 7 2012

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1 Front

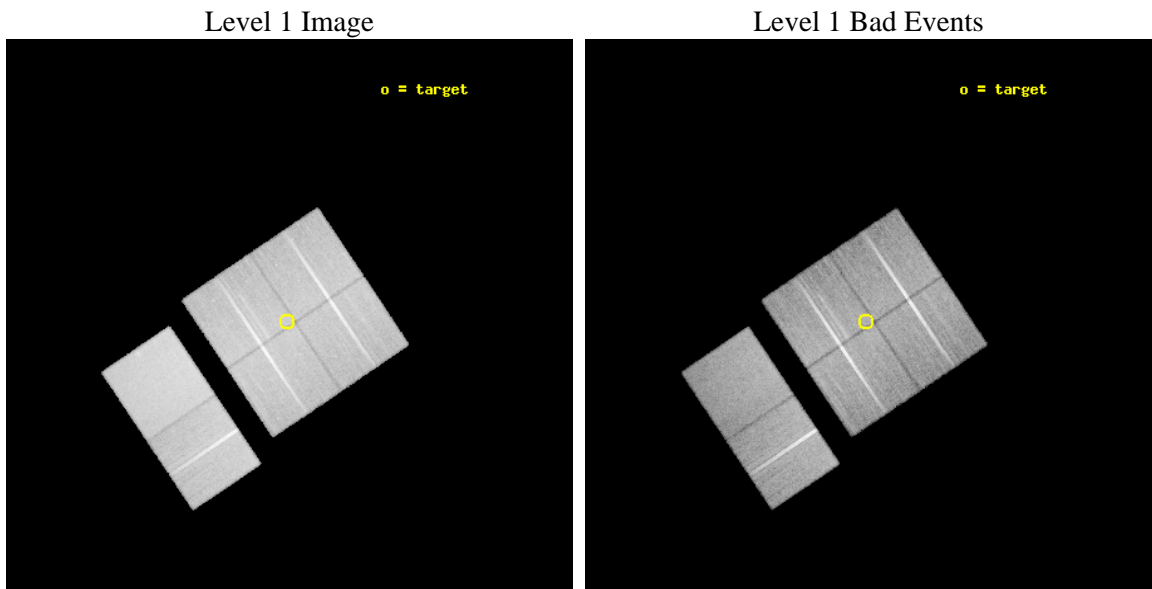
seq_num	900185	Sequence number
obs_id	3346	Observation id
title	WIDE-FIELD CHANDRA SURVEY OF THE LOCKMAN HOLE-NORTHWEST	Proposal t
observer	Prof. Amy Barger	Principal investigator
object	LH-NW-5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	158.508759	Observer's specified target RA [deg]
dec_targ	57.47361	Observer's specified target Dec [deg]
ra_nom	158.50149002345	Nominal RA [deg]
dec_nom	57.471054405871	Nominal Dec [deg]
roll_nom	236.08207149172	Nominal Roll [deg]
revision	3	Processing version of data
ontime	38696.690244734	Sum of GTIs [s]
livetime	38206.689452506	Livetime [s]
ontime0	38699.808094919	Sum of GTIs [s]
ontime1	38703.090105146	Sum of GTIs [s]
ontime2	38693.408224434	Sum of GTIs [s]
ontime3	38696.690244734	Sum of GTIs [s]
ontime6	38703.254265159	Sum of GTIs [s]
ontime7	38703.213225156	Sum of GTIs [s]
l2events	257442	Number of level 2 events



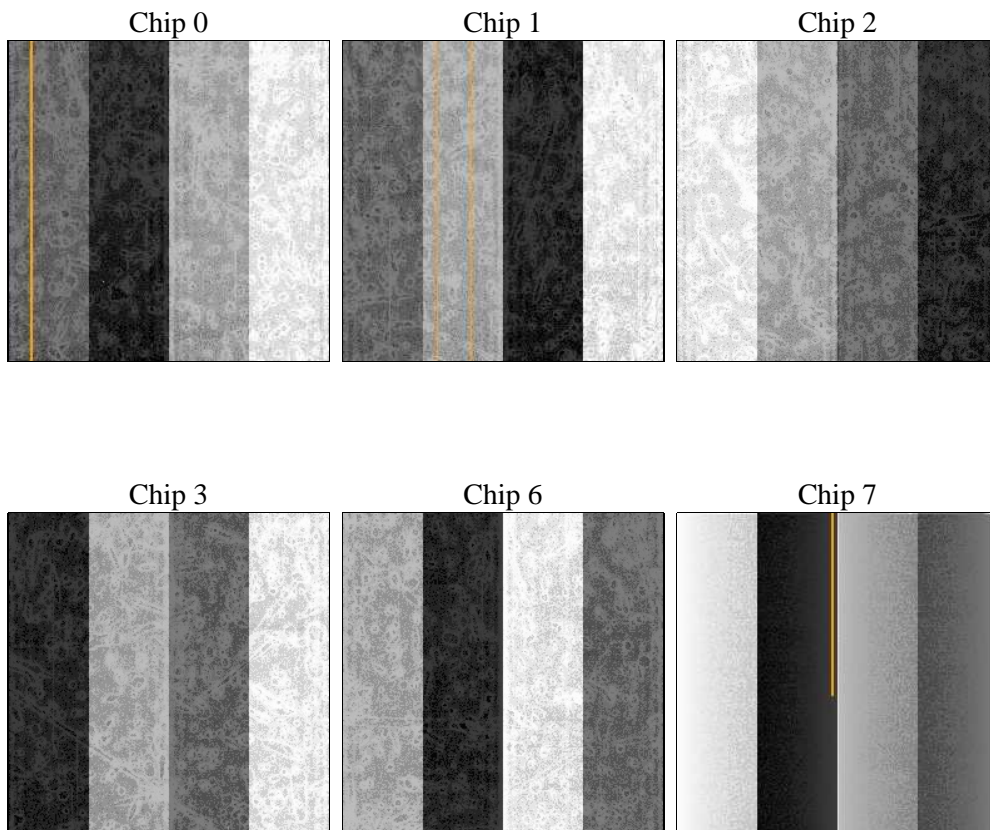
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	39000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	38696.690244734	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	38699.808094919	Sum of GTIs [s]
date	2012-10-07T09:47:29	Date and time of file creation	ontime1	38703.090105146	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	38693.408224434	Sum of GTIs [s]
			ontime3	38696.690244734	Sum of GTIs [s]
			ontime6	38703.254265159	Sum of GTIs [s]
			ontime7	38703.213225156	Sum of GTIs [s]
			l1events	1518123	Number of level 1 events

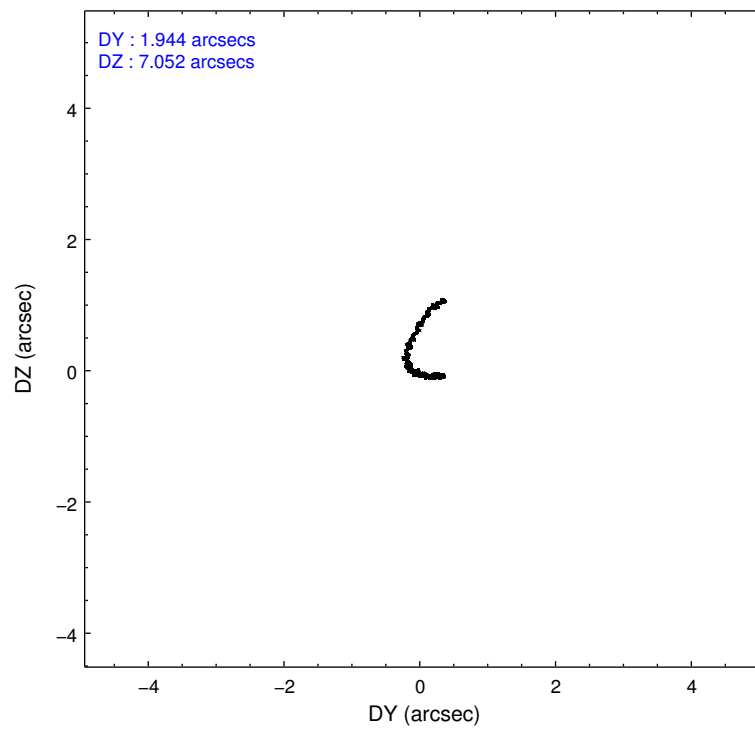
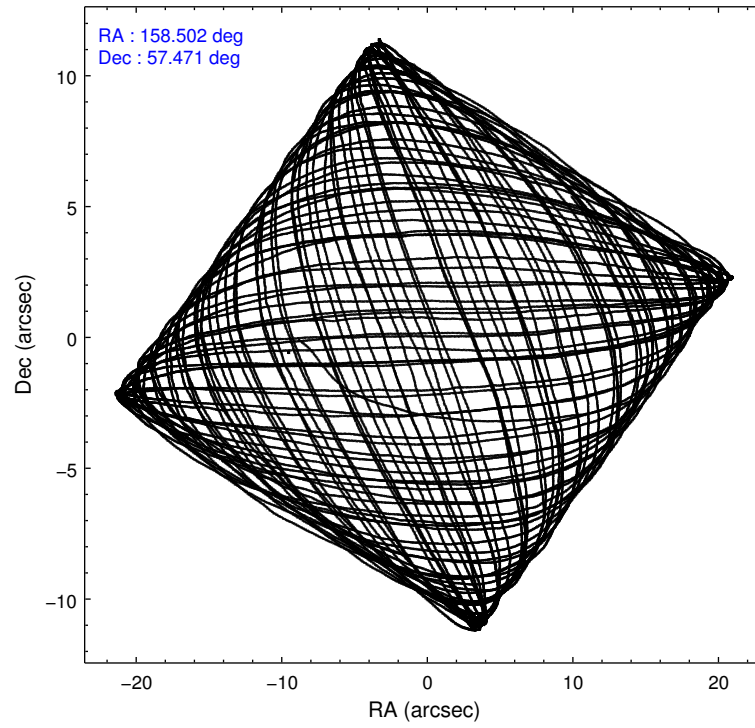
2.1.4 Events

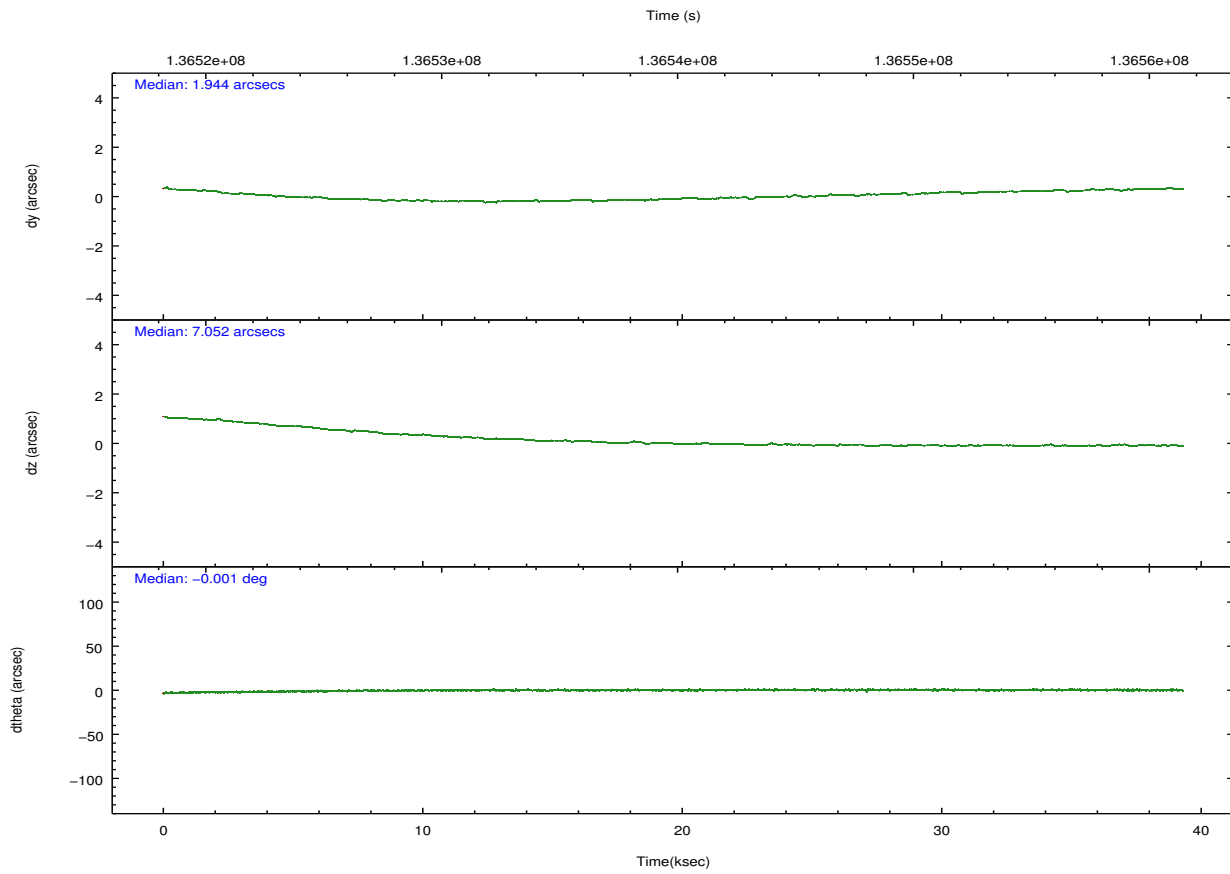
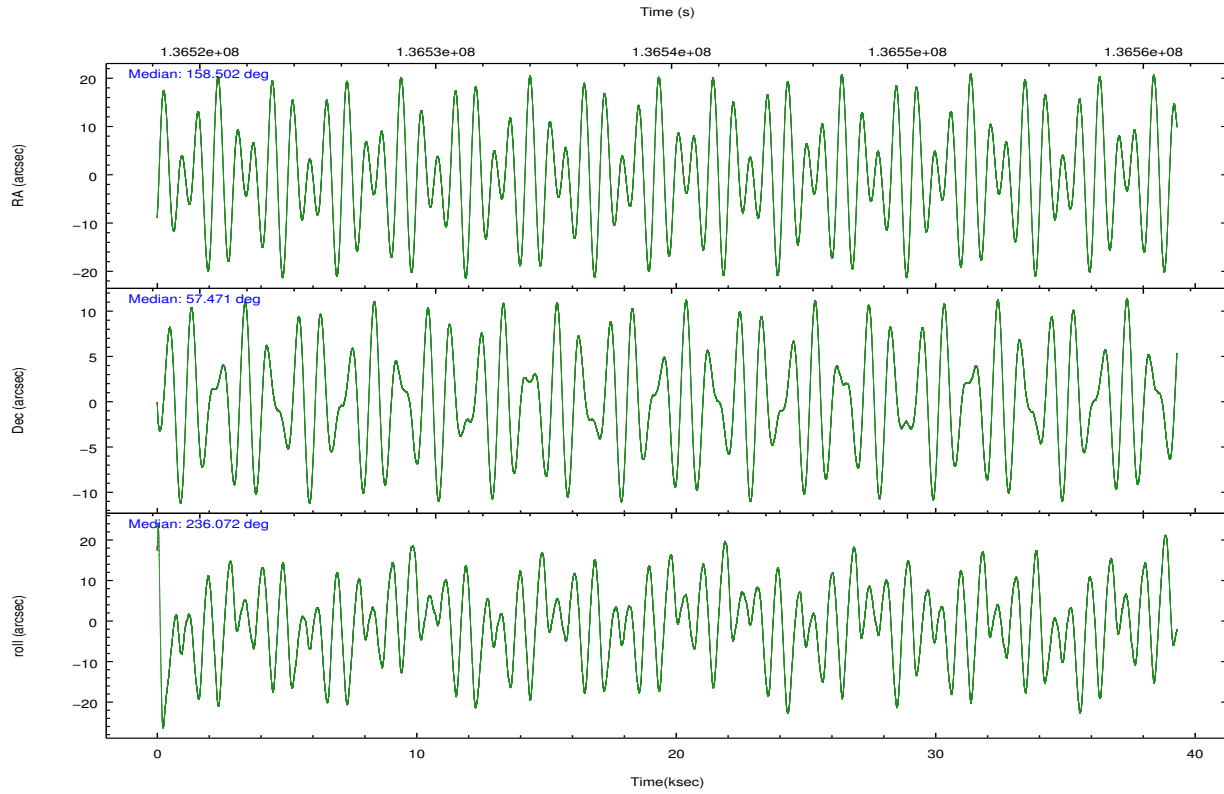
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	225804	228448	242170	242723	255414	323564	grade 0 events	12461	12639	12106	12109	11856	13119
rejected events	196209	197525	213685	214230	225833	189316		5%	5%	4%	4%	4%	4%
rejected %	86%	86%	88%	88%	88%	58%	grade 1 events	105	119	119	119	114	307
								0%	0%	0%	0%	0%	0%
							grade 2 events	6226	6316	6054	5754	6111	26157
								2%	2%	2%	2%	2%	8%
							grade 3 events	2927	3153	2605	2736	2912	12130
								1%	1%	1%	1%	1%	3%
							grade 4 events	2670	3054	2671	2675	2848	11935
								1%	1%	1%	1%	1%	3%
							grade 5 events	9065	9703	8542	9879	10895	31358
								4%	4%	3%	4%	4%	9%
							grade 6 events	5314	5764	5054	5222	5857	70911
								2%	2%	2%	2%	2%	21%
							grade 7 events	187036	187700	205019	204229	214821	157647
								82%	82%	84%	84%	84%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	158.504818	158.5014900234523	Subarray requested	NONE	NONE
[deg] Pointing Dec	57.498414	57.47105440587134	Alternating exposures requested	N	N
[deg] Pointing Roll	235.870586	236.0820714917152	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	136520457.184000	136519439.74043			
Observation start date	2002-04-30T02:19:53	2002-04-30T02:03:59			
[s] Observation end time (MET)	136559457.184000	136560238.8421			
Observation end date	2002-04-30T13:09:53	2002-04-30T13:23:58			
Read mode	TIMED	TIMED			

2.3 Aspect



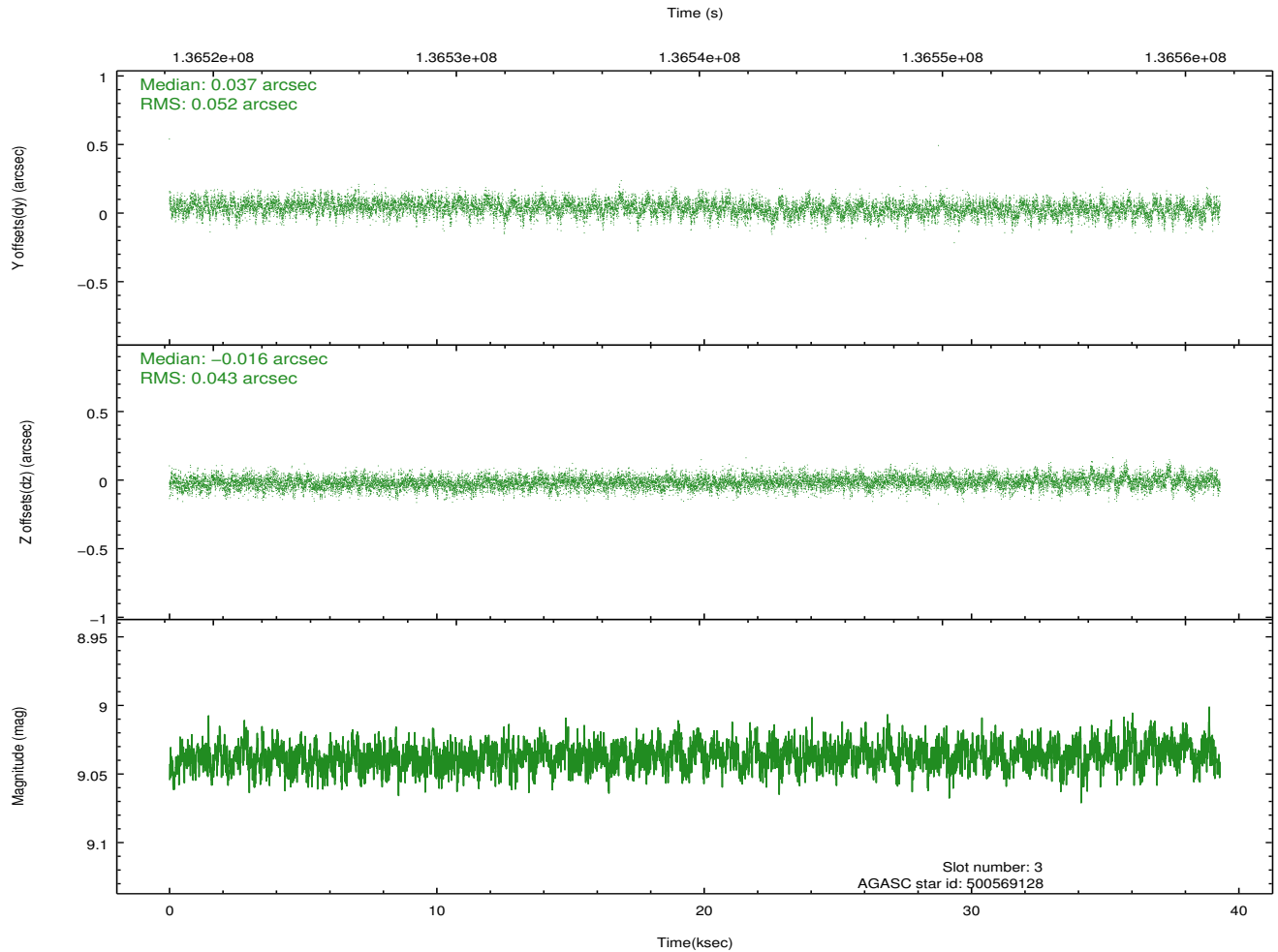
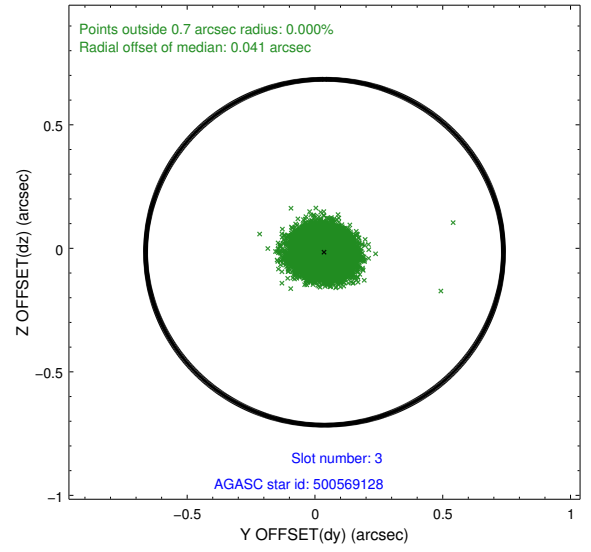
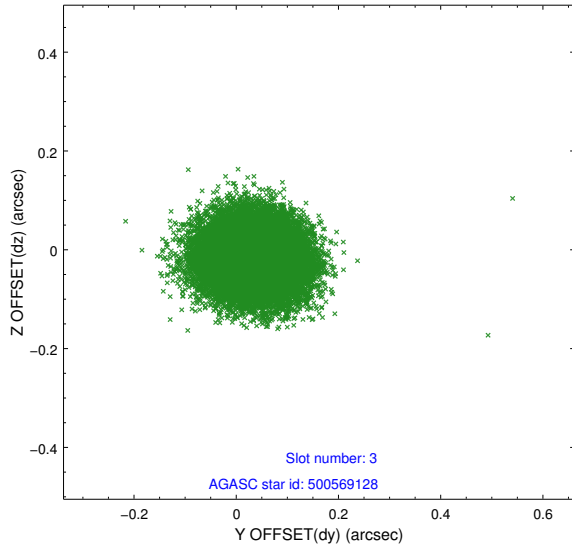


Slot Statistics

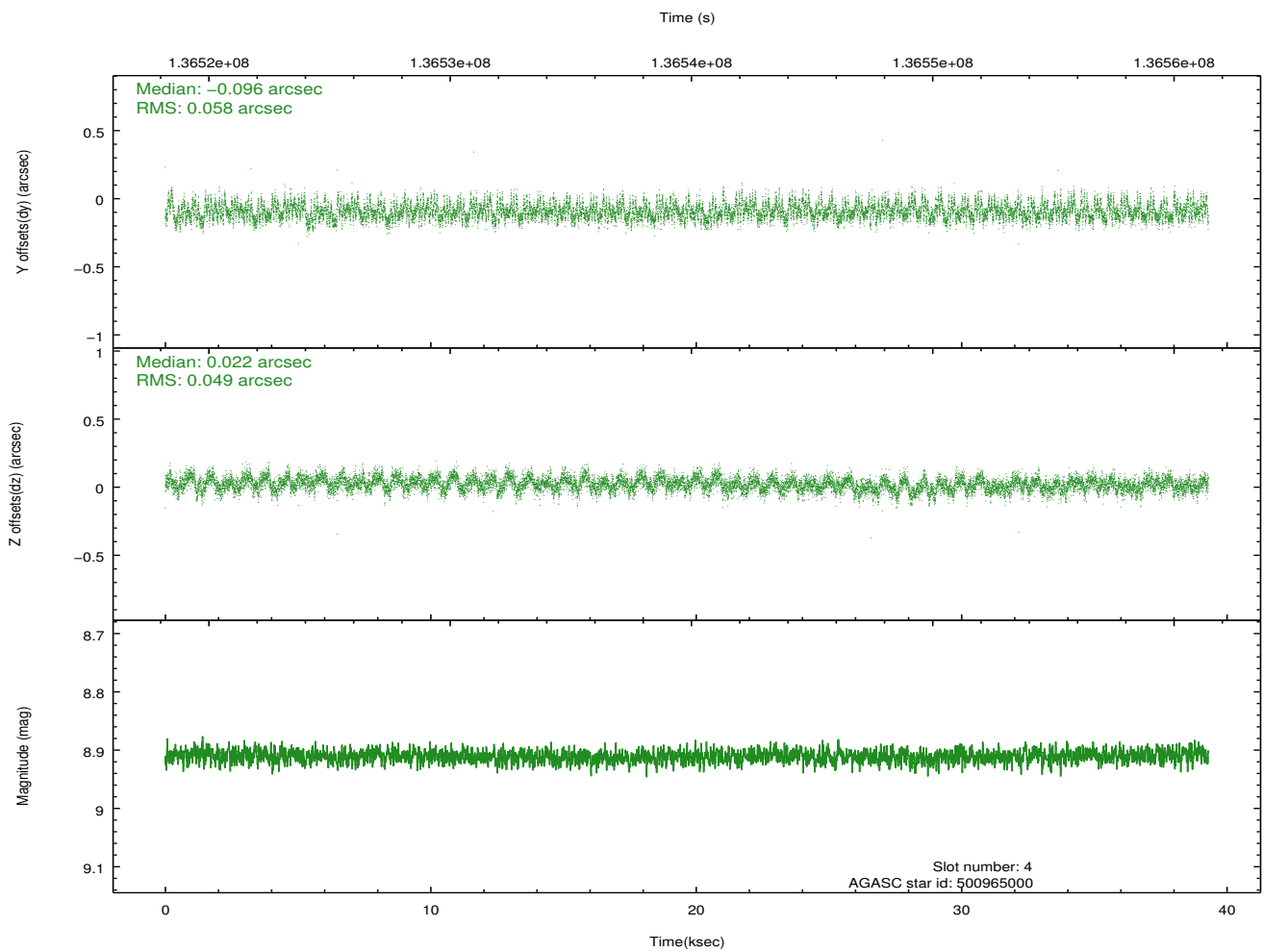
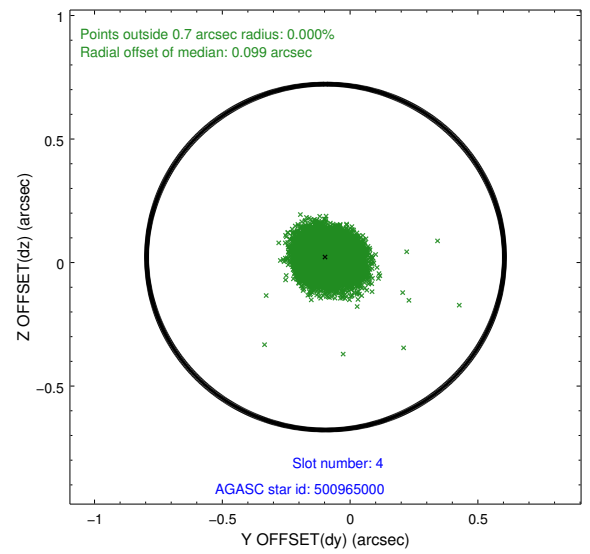
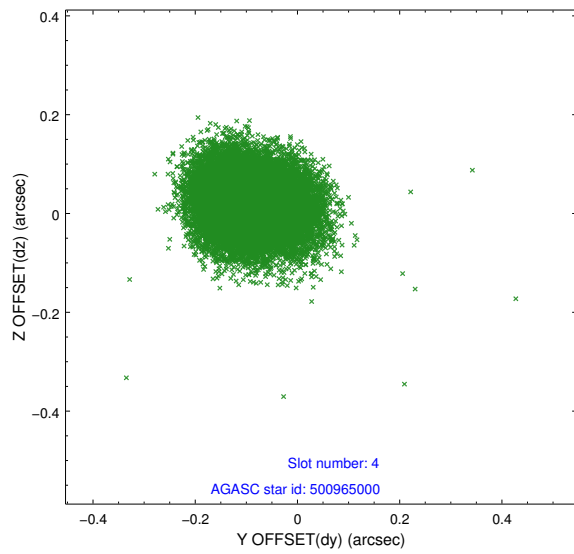
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	9587	-0.009	0.026	0.011	0.026	0.000000	0.000000	937.82	-830.62
1	FID	ACIS-I-5	7.23	9587	-0.043	0.047	0.010	0.016	0.000000	0.000000	-1810.27	1066.94
2	FID	ACIS-I-6	7.26	9586	-0.039	-0.003	0.011	0.019	0.000000	0.000000	403.37	1711.37
3	GUIDE	500569128	9.04	19166	0.037	-0.016	0.071	0.116	157.930103	57.115848	1766.28	-160.07
4	GUIDE	500965000	8.91	19163	-0.096	0.022	0.081	0.129	159.614449	57.527596	-1304.99	1706.07
5	GUIDE	500960944	9.85	19055	0.062	-0.159	0.107	0.182	157.785286	57.689555	201.48	-1536.54
6	GUIDE	500965384	9.81	19146	-0.008	0.088	0.123	0.198	159.003342	57.936270	-1842.11	-98.20
7	GUIDE	500568656	8.48	19166	-0.003	0.062	0.061	0.100	159.217900	57.306375	-211.85	1531.35

2.4 Star Slots

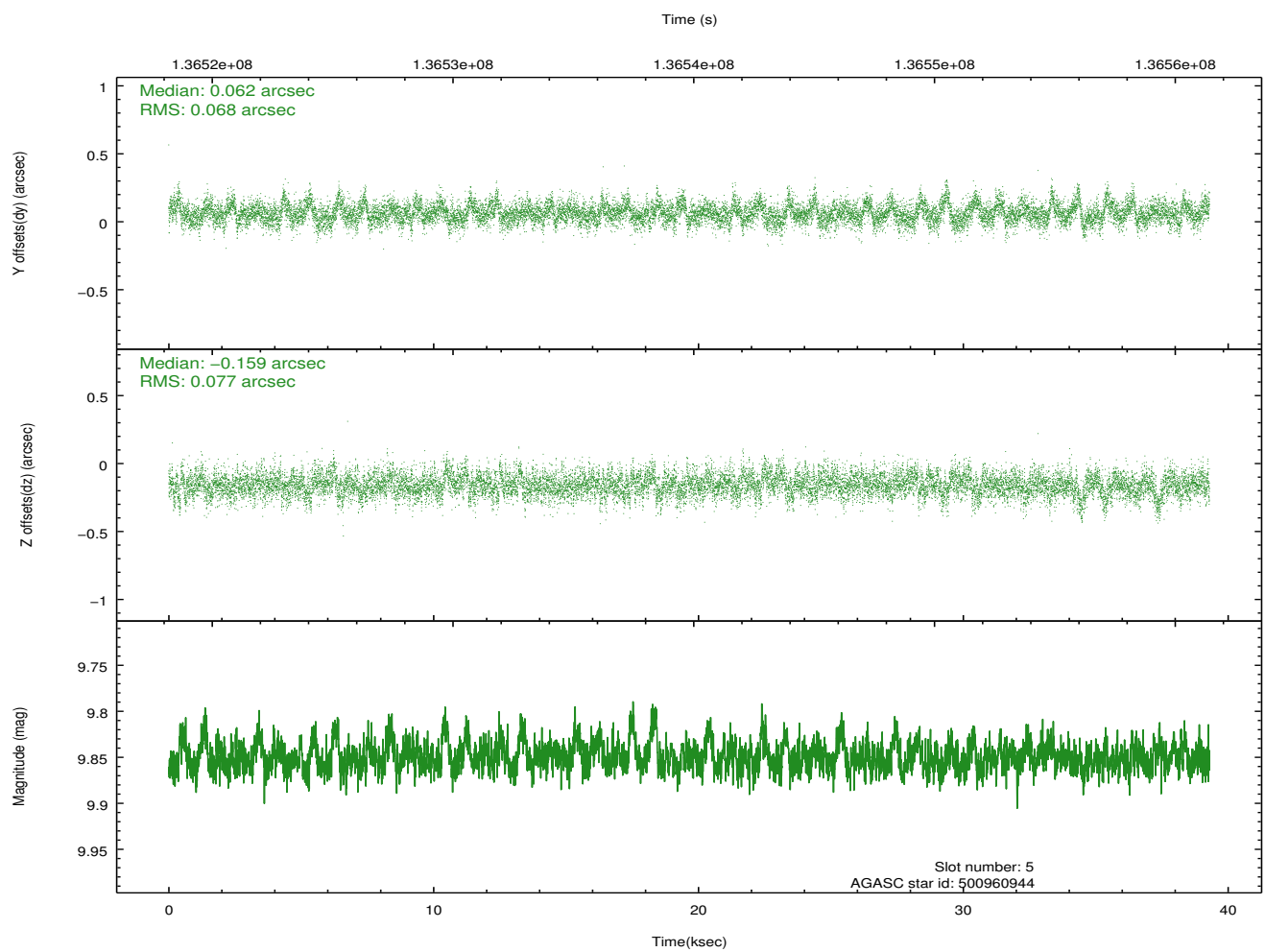
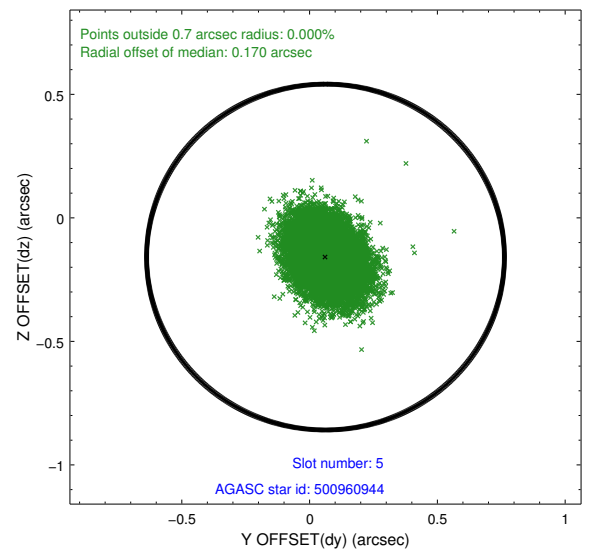
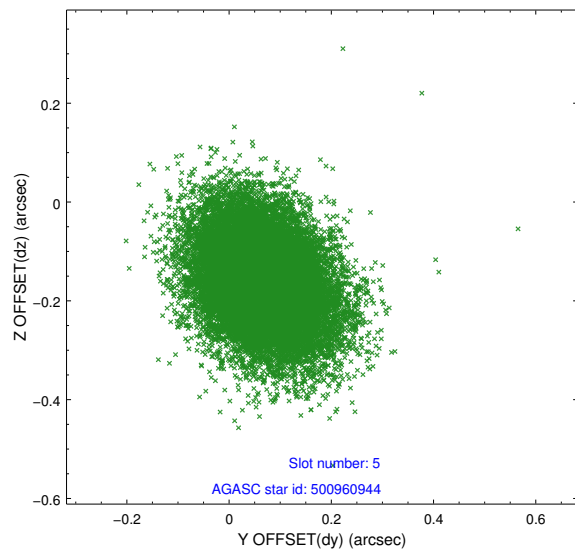
2.4.1 Slot 3



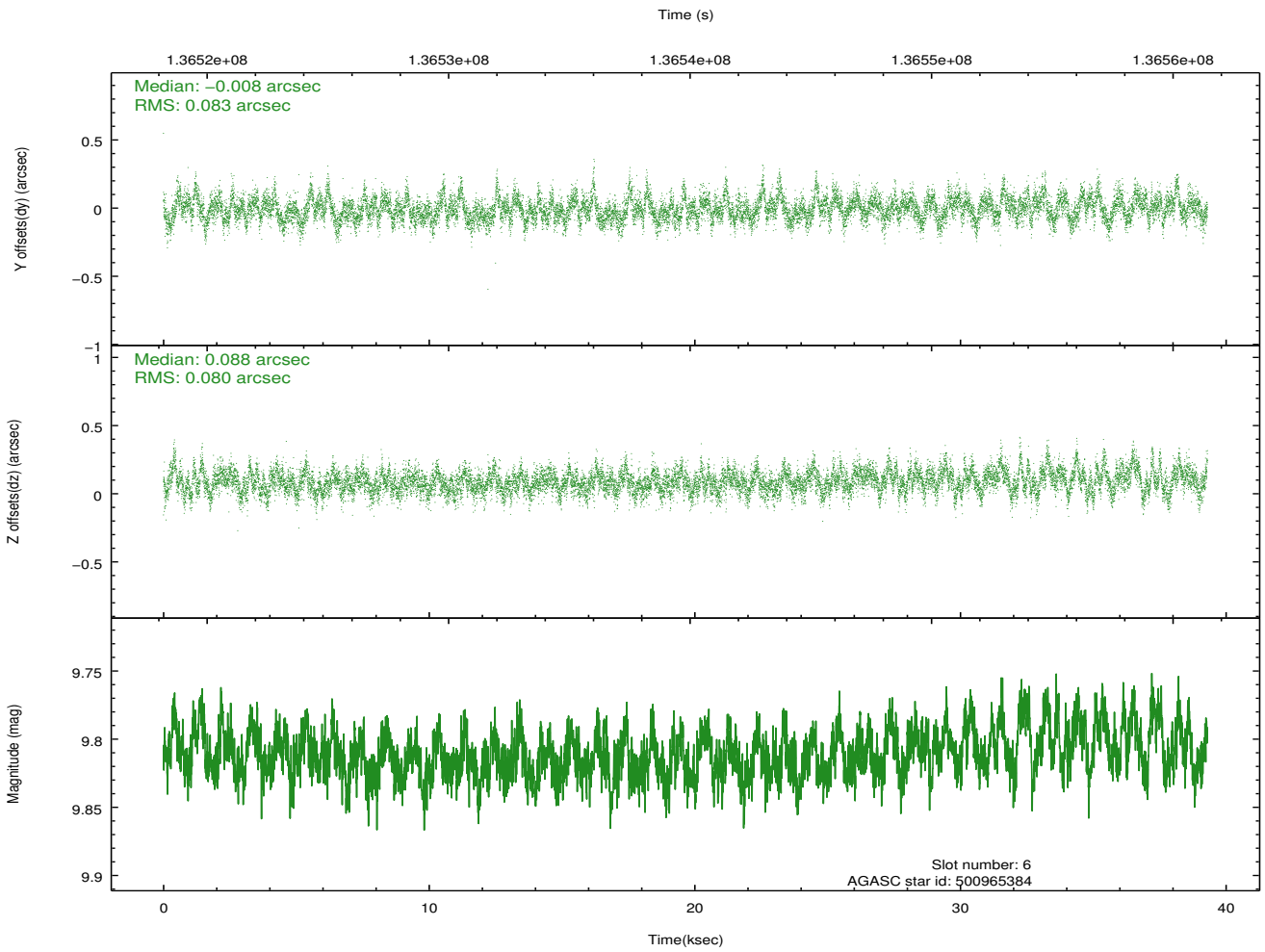
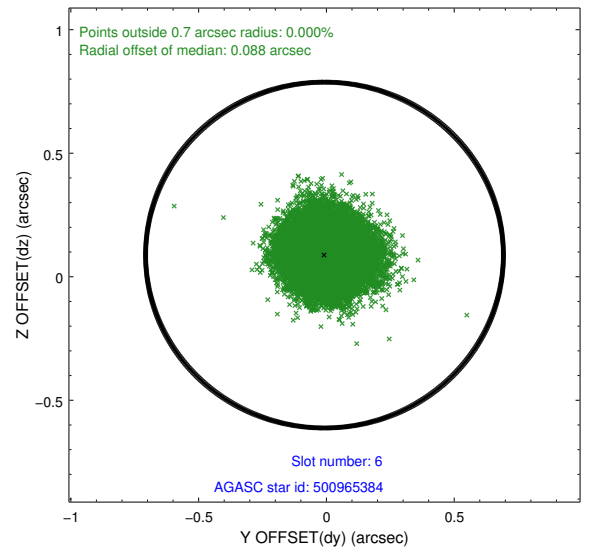
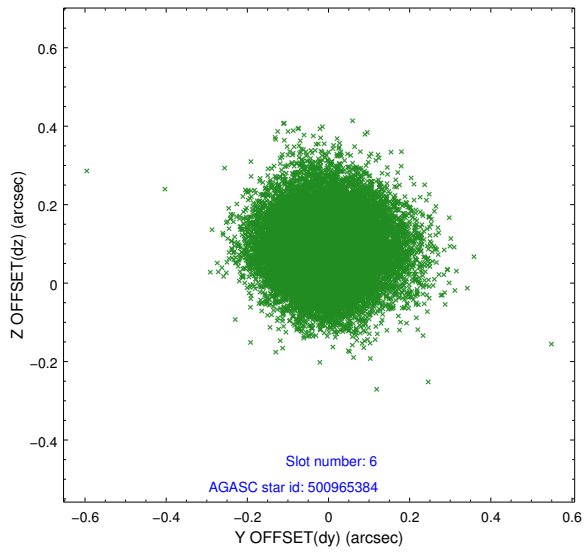
2.4.2 Slot 4



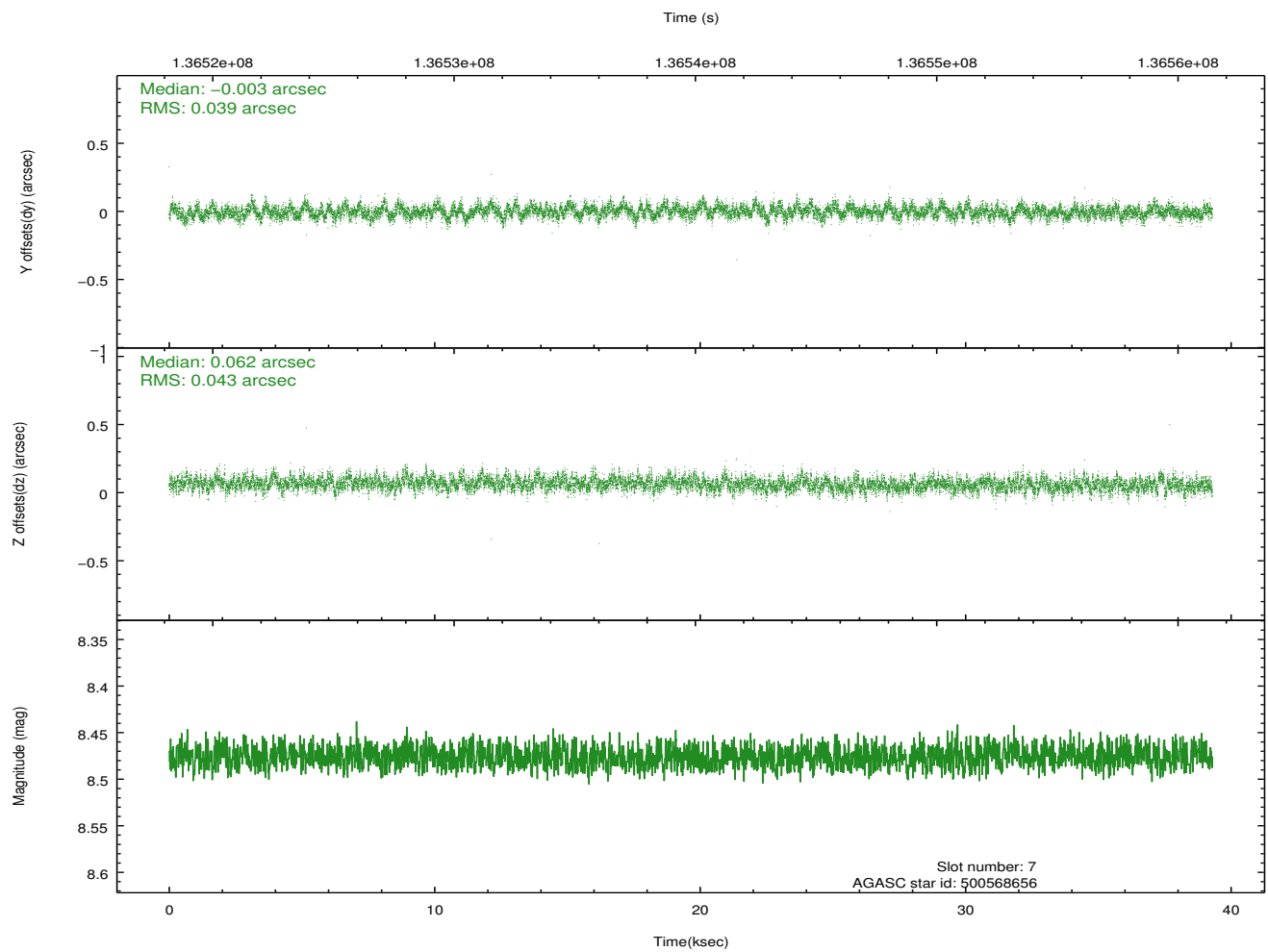
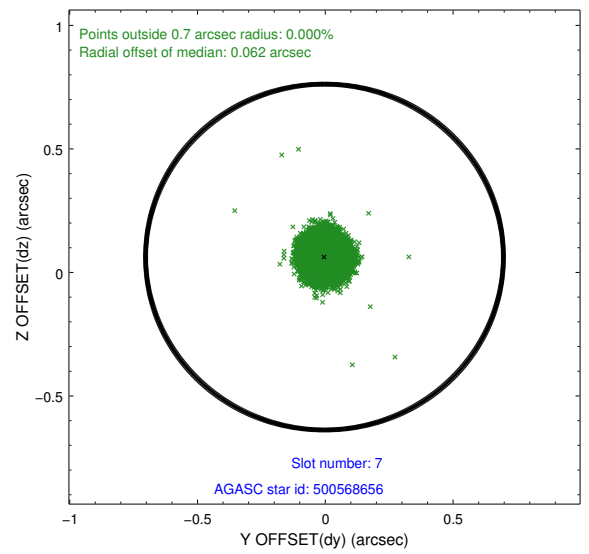
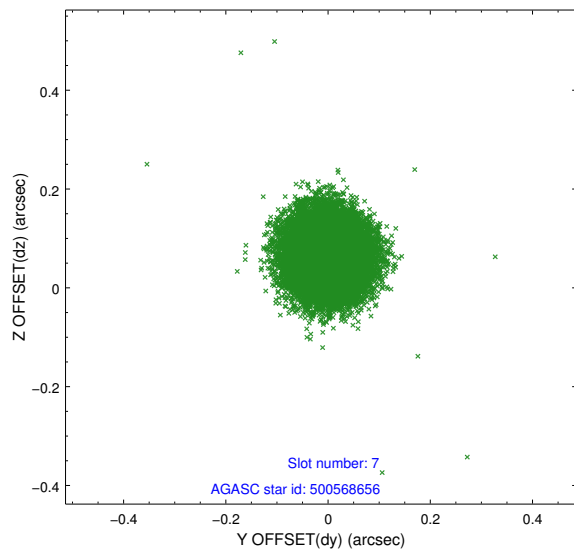
2.4.3 Slot 5



2.4.4 Slot 6

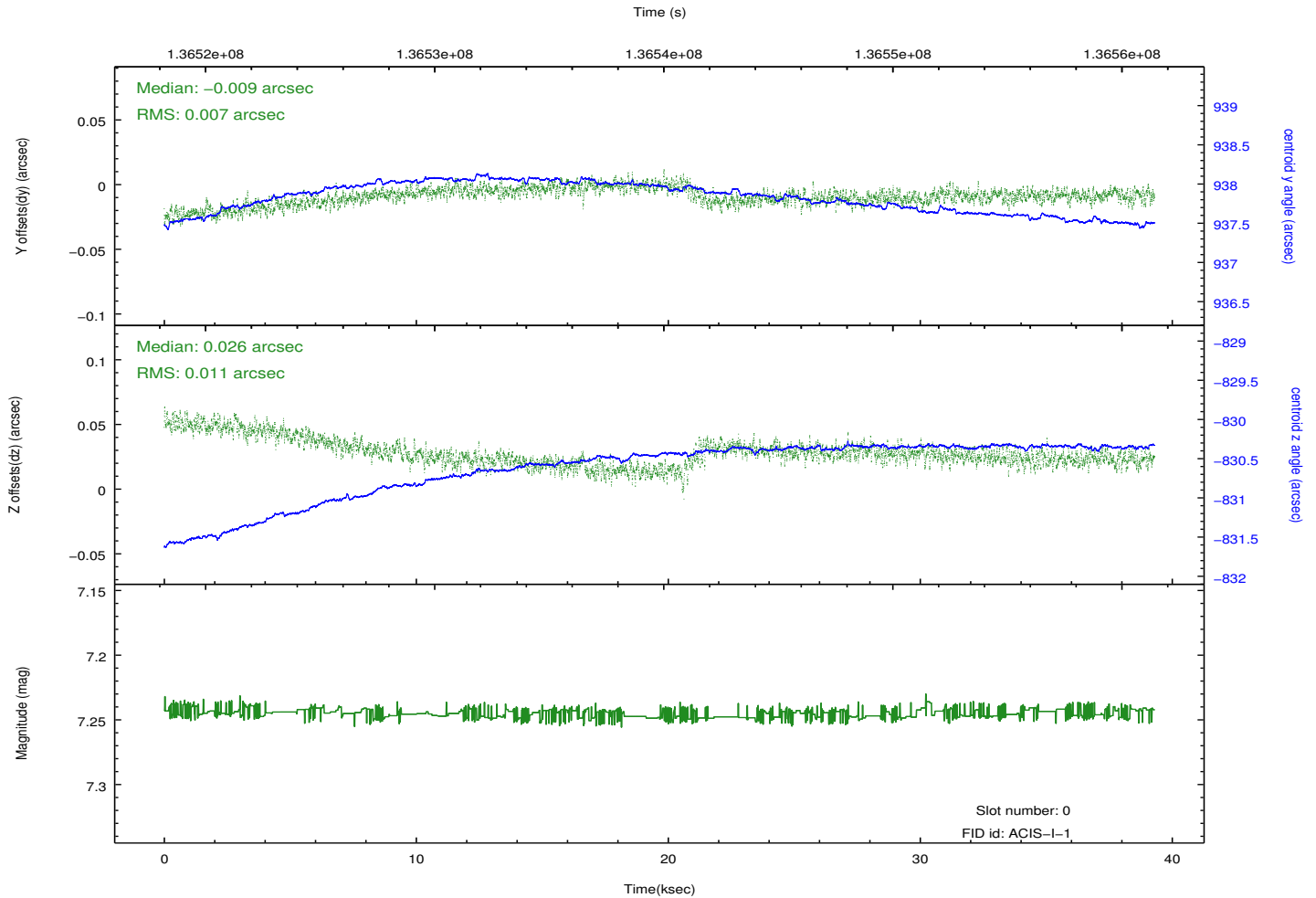
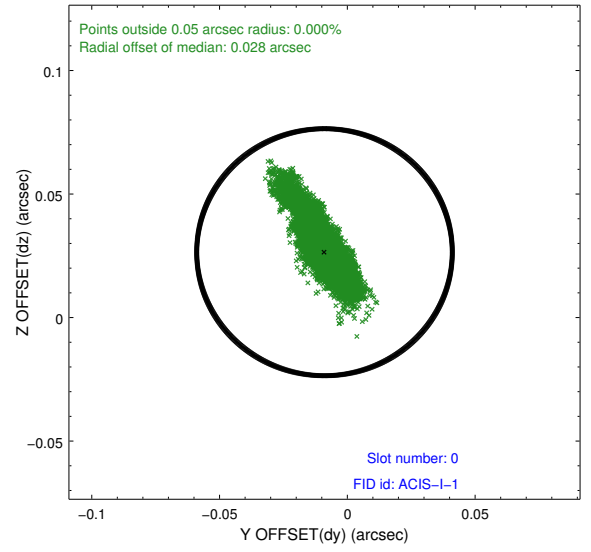
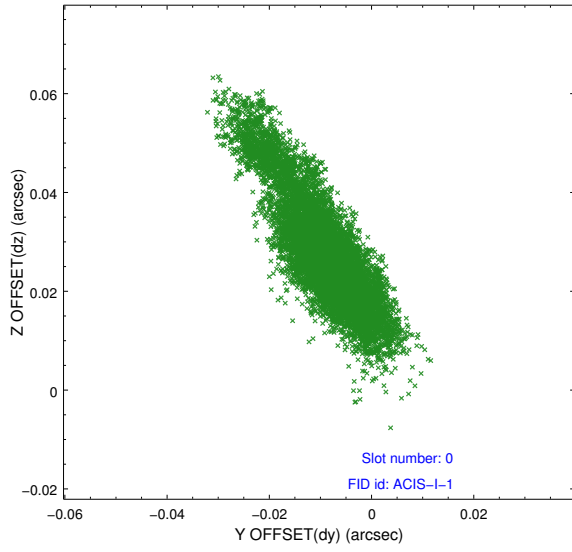


2.4.5 Slot 7

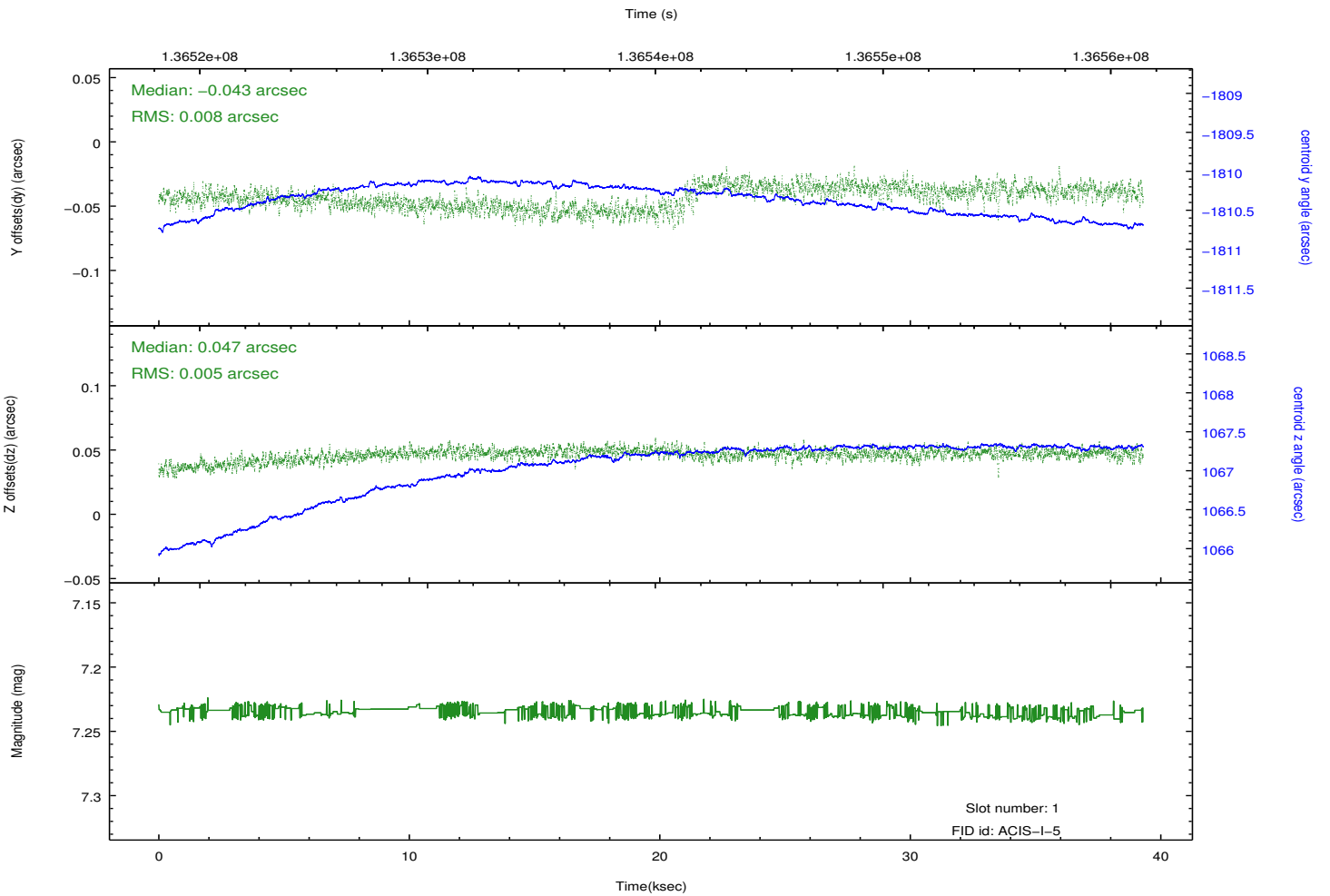
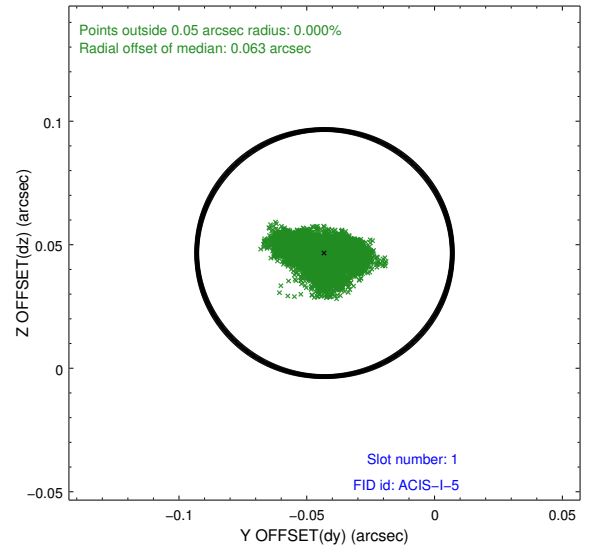
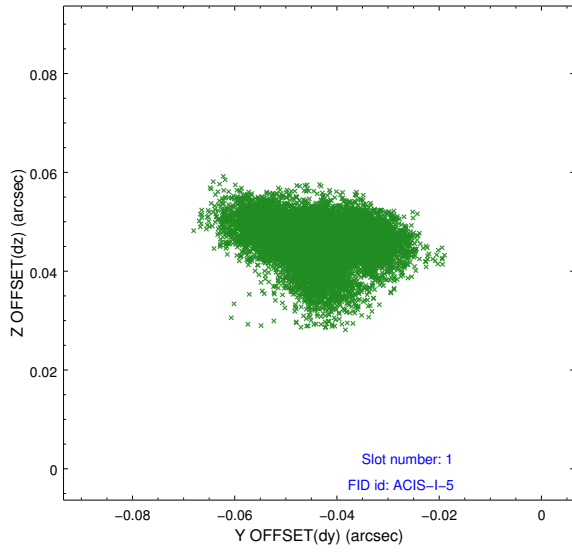


2.5 FID Slots

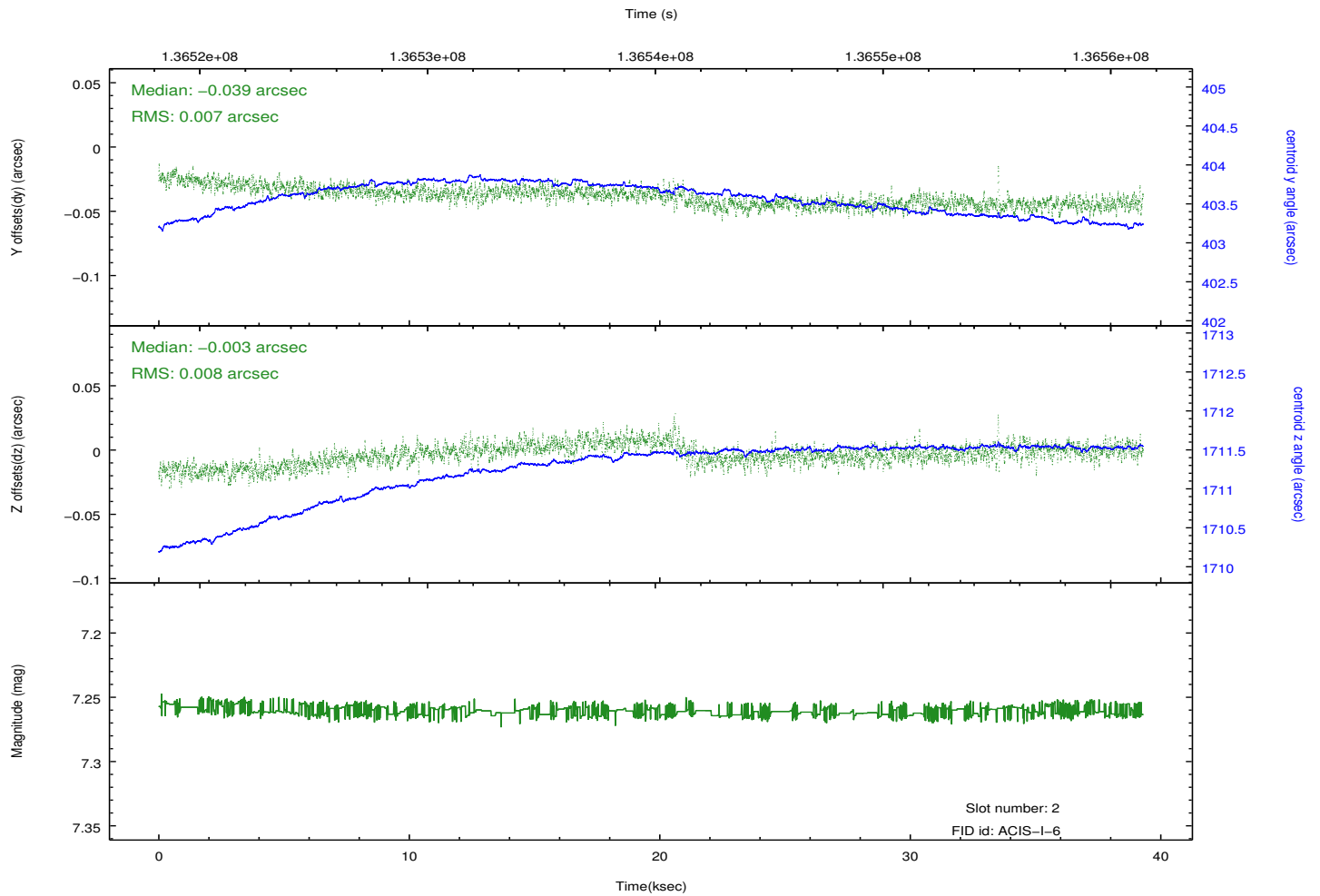
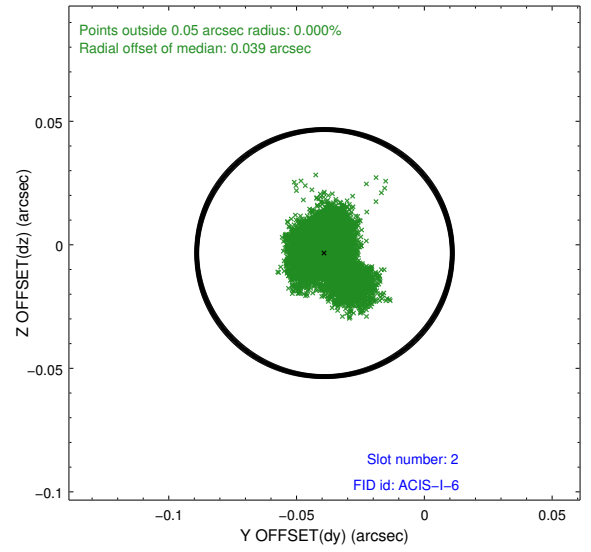
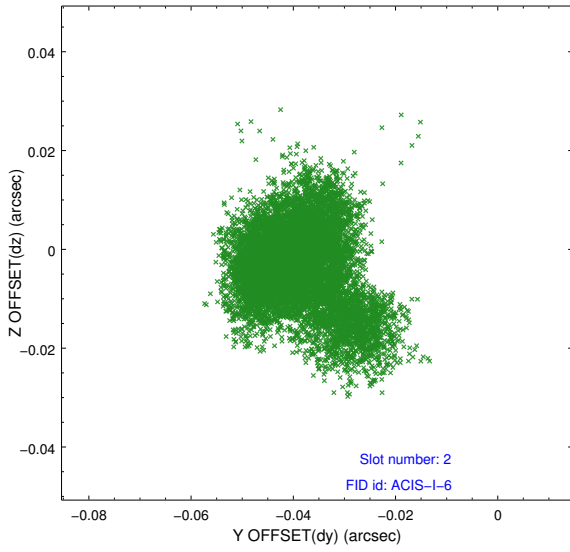
2.5.1 Slot 0



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)	2012.10.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.703

A.2 Comments