

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2164 - L2 Version 3
Chandra X-Ray Center

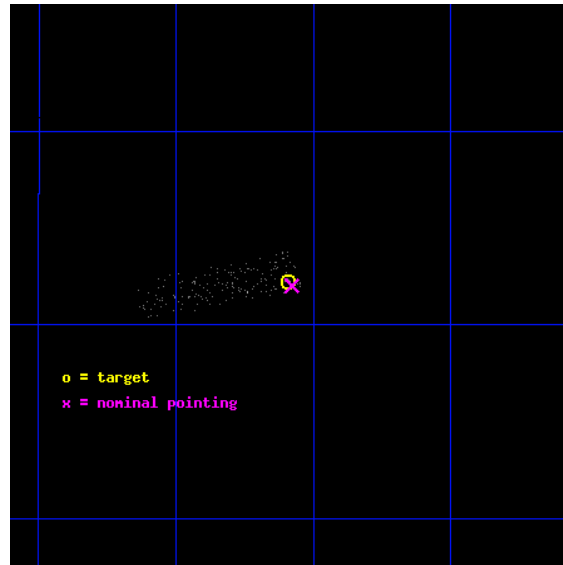
L2 Processing Date : Sep 21 2012

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1 Front

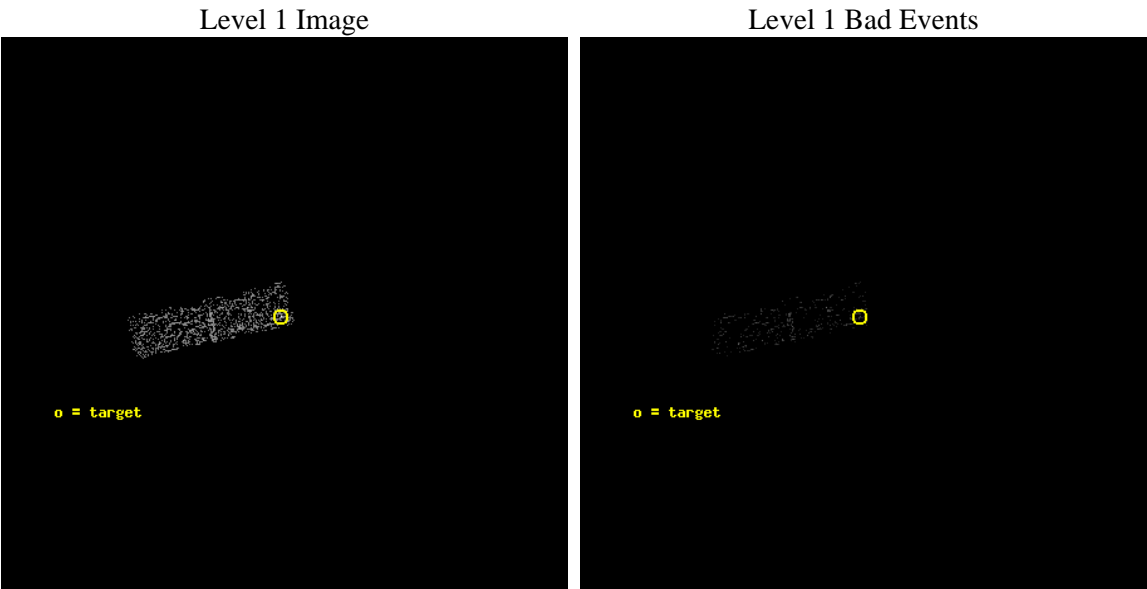
seq_num	700354	Sequence number
obs_id	2164	Observation id
title	RED QUASARS AND THE X-RAY BACKGROUND	Proposal title
observer	Dr. Belinda Wilkes	Principal investigator
object	2MASSJ130005+1632	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	195.0225	Observer's specified target RA [deg]
dec_targ	16.537444	Observer's specified target Dec [deg]
ra_nom	195.01955898442	Nominal RA [deg]
dec_nom	16.533825672895	Nominal Dec [deg]
roll_nom	257.62218375491	Nominal Roll [deg]
revision	3	Processing version of data
ontime	932.46151386201	Sum of GTIs [s]
livetime	886.96044312948	Livetime [s]
ontime3	932.46151386201	Sum of GTIs [s]
l2events	307	Number of level 2 events



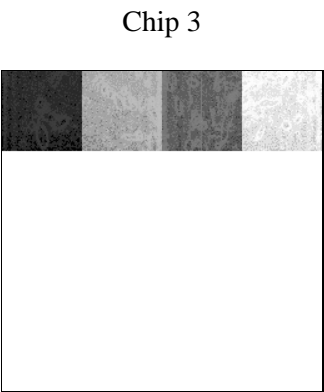
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	1079.838000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	932.46151386201	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime3	932.46151386201	Sum of GTIs [s]
date	2012-09-21T09:20:14	Date and time of file creation	l1events	2158	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

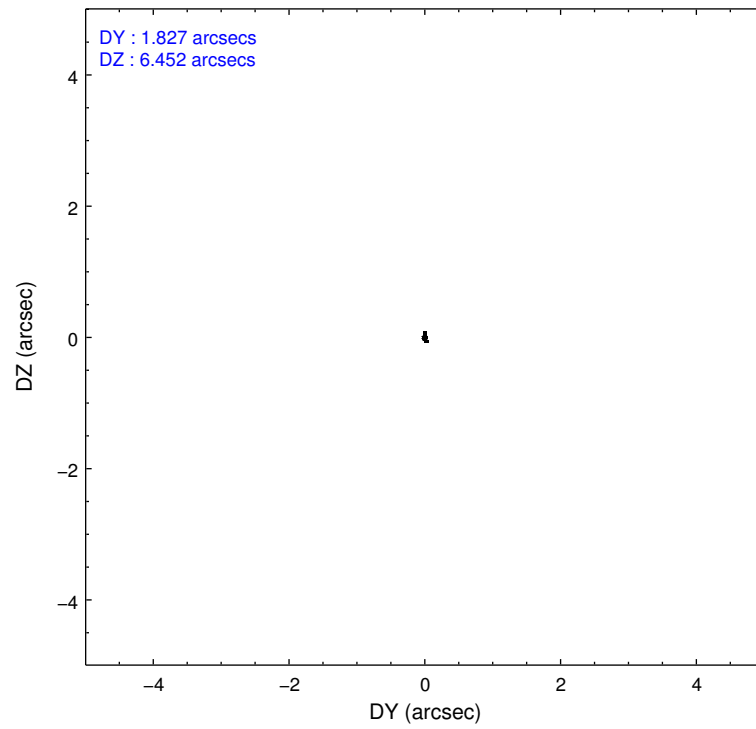
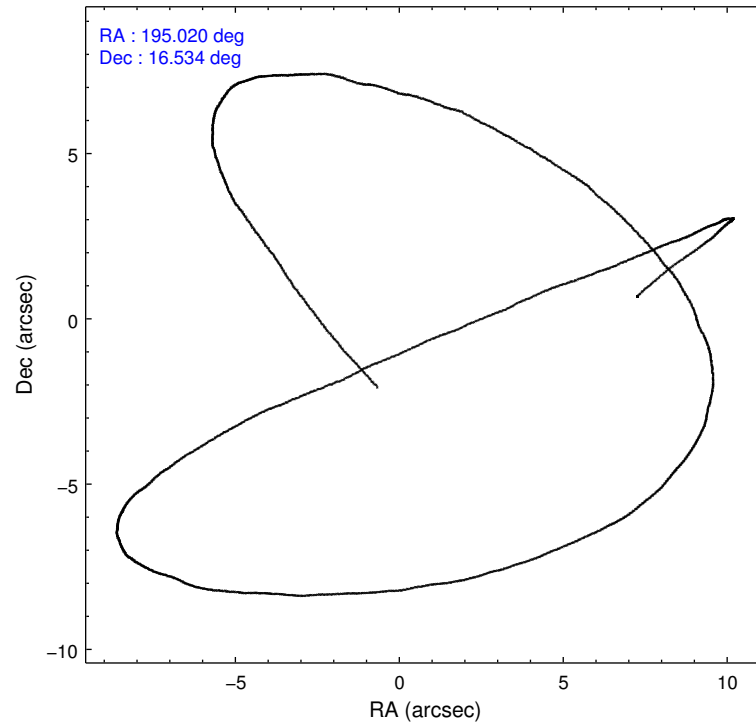
	ccd 3
level 1 events	2158
rejected events	1814
rejected %	84%

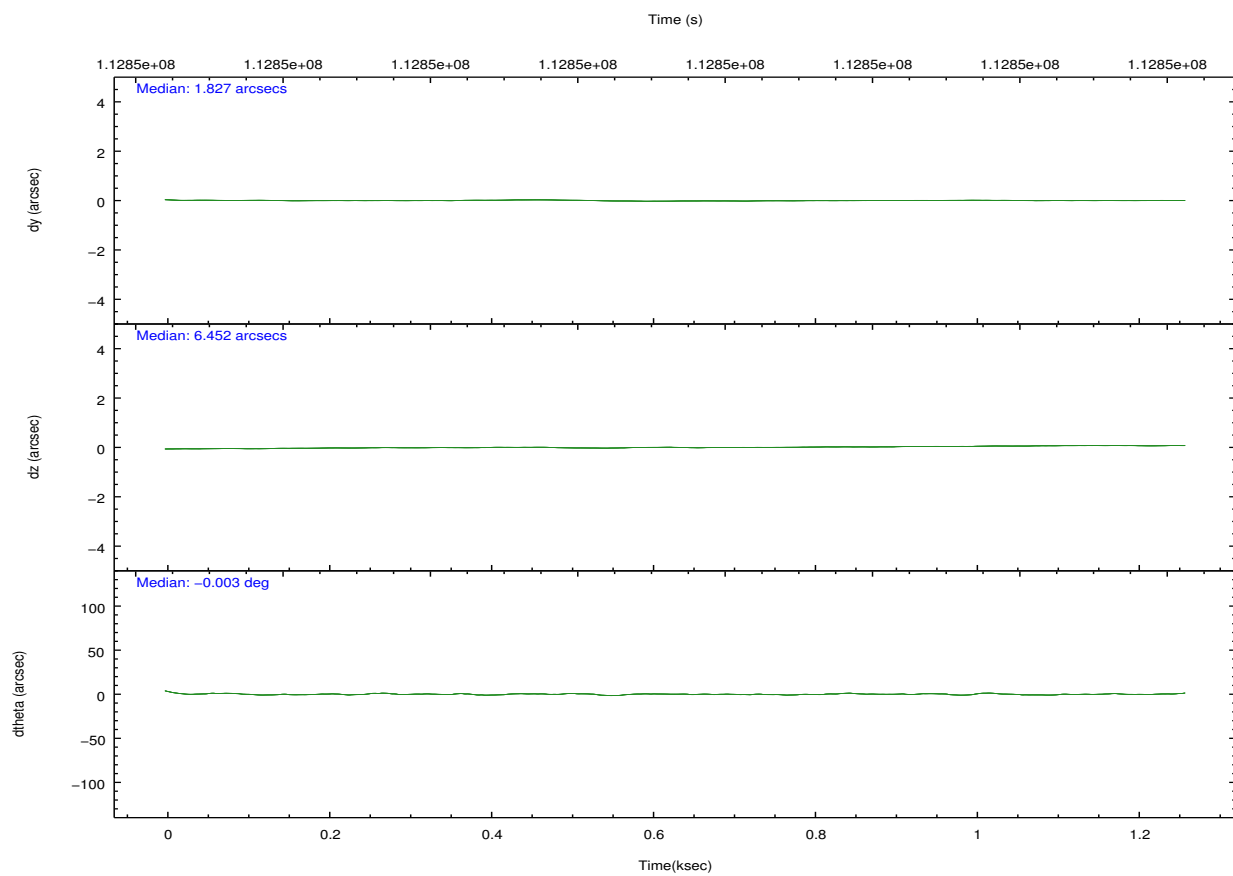
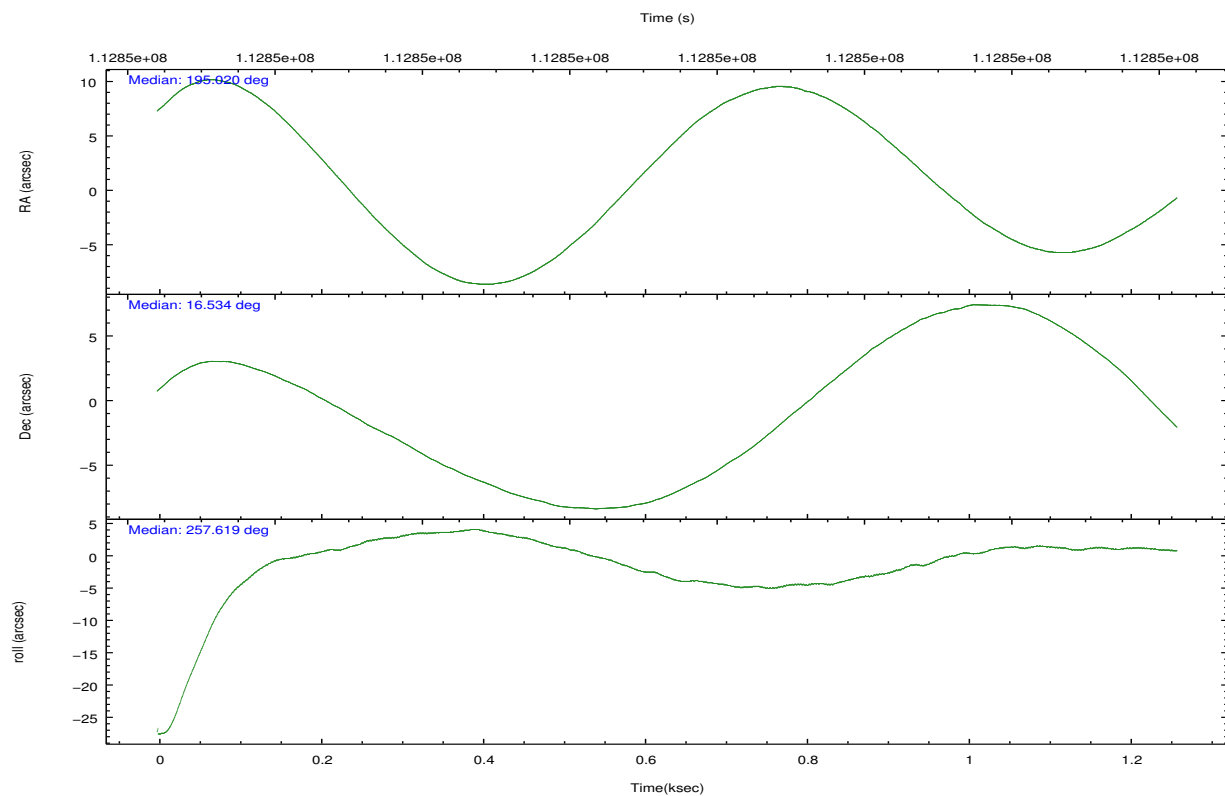
	ccd 3
grade 0 events	193
	8%
grade 1 events	3
	0%
grade 2 events	41
	1%
grade 3 events	43
	1%
grade 4 events	36
	1%
grade 5 events	65
	3%
grade 6 events	31
	1%
grade 7 events	1746
	80%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	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	195.010937	195.0195589844211	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	16.559728	16.53382567289534	Subarray start row	769	769
[deg] Pointing Roll	257.416228	257.6221837549082	Subarray row count	256	256
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	112847081.184000	112846502.60509			
Observation start date	2001-07-30T02:23:37	2001-07-30T02:15:02			
[s] Observation end time (MET)	112848161.184000	112848475.73017			
Observation end date	2001-07-30T02:41:37	2001-07-30T02:47:55			
Read mode	TIMED	TIMED			

2.3 Aspect



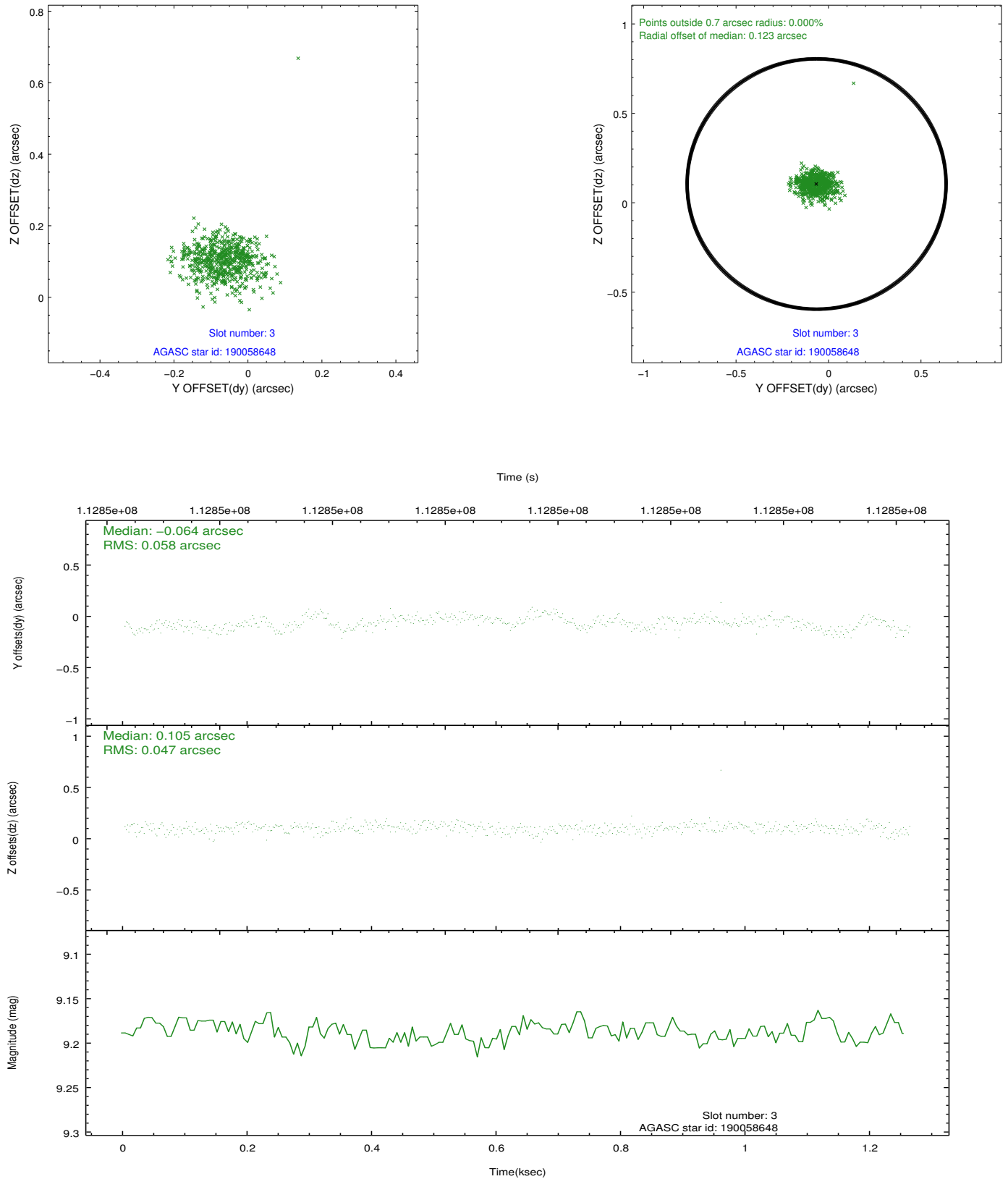


Slot Statistics

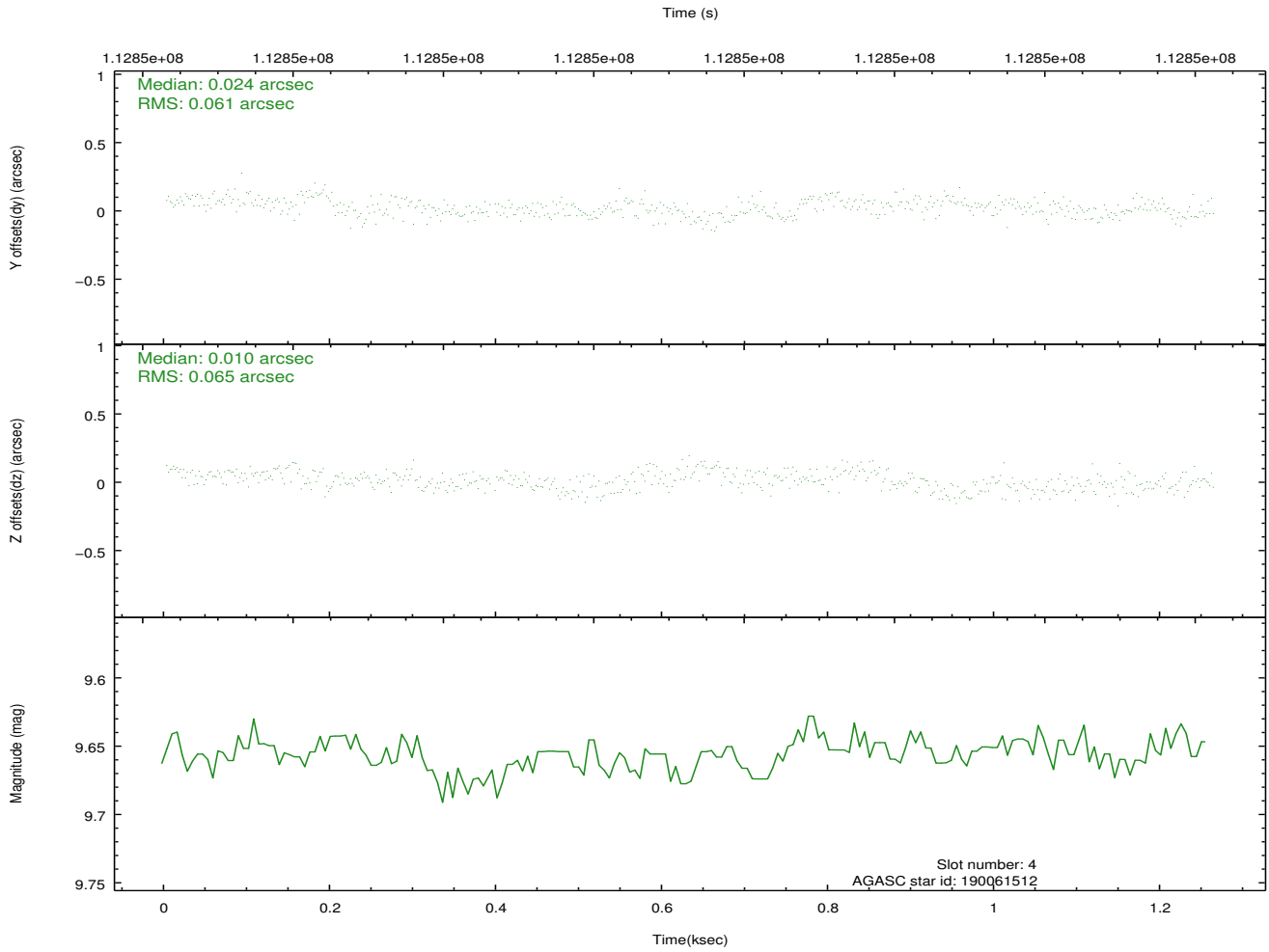
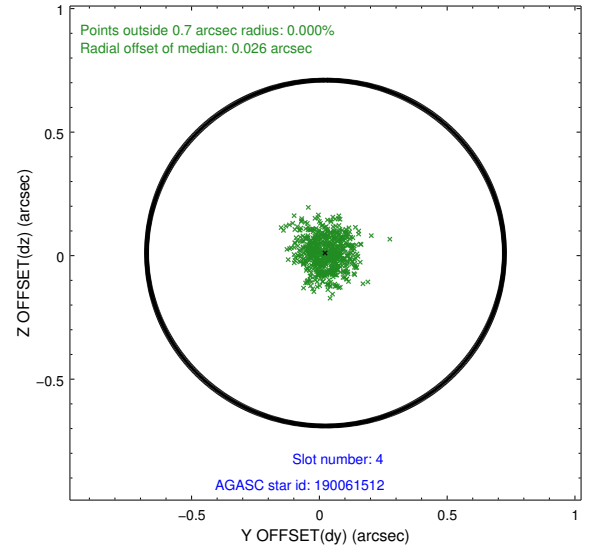
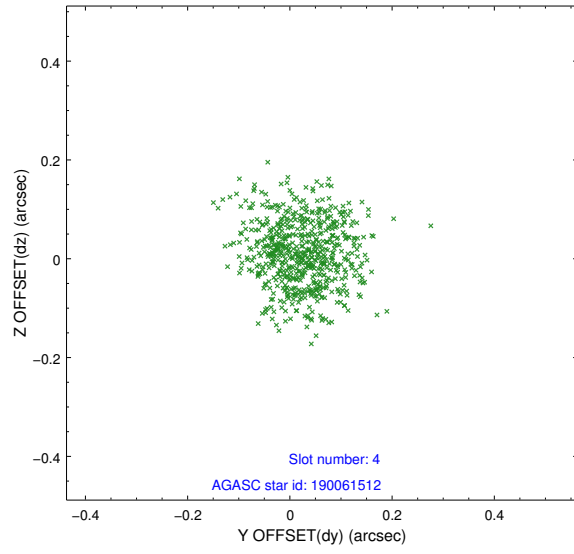
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	308	-0.039	-0.076	0.008	0.016	0.000000	0.000000	-756.21	-836.28
1	FID	ACIS-I-4	7.18	308	-0.011	0.050	0.005	0.010	0.000000	0.000000	2155.48	1067.40
2	FID	ACIS-I-5	7.23	308	-0.052	0.094	0.008	0.014	0.000000	0.000000	-1803.26	1071.26
3	GUIDE	190058648	9.19	616	-0.064	0.105	0.076	0.122	195.561706	16.793846	-1237.03	1668.03
4	GUIDE	190061512	9.66	614	0.024	0.010	0.096	0.149	195.289199	16.659778	-561.33	860.16
5	GUIDE	189924592	8.92	616	-0.230	-0.174	0.076	0.119	194.651984	17.182917	-1920.90	-1693.33
6	GUIDE	190057472	9.11	613	0.128	-0.066	0.073	0.118	194.706985	16.210982	1452.35	-755.30
7	GUIDE	190054720	9.09	615	0.147	0.130	0.080	0.129	195.290305	15.806791	2438.29	1533.56

2.4 Star Slots

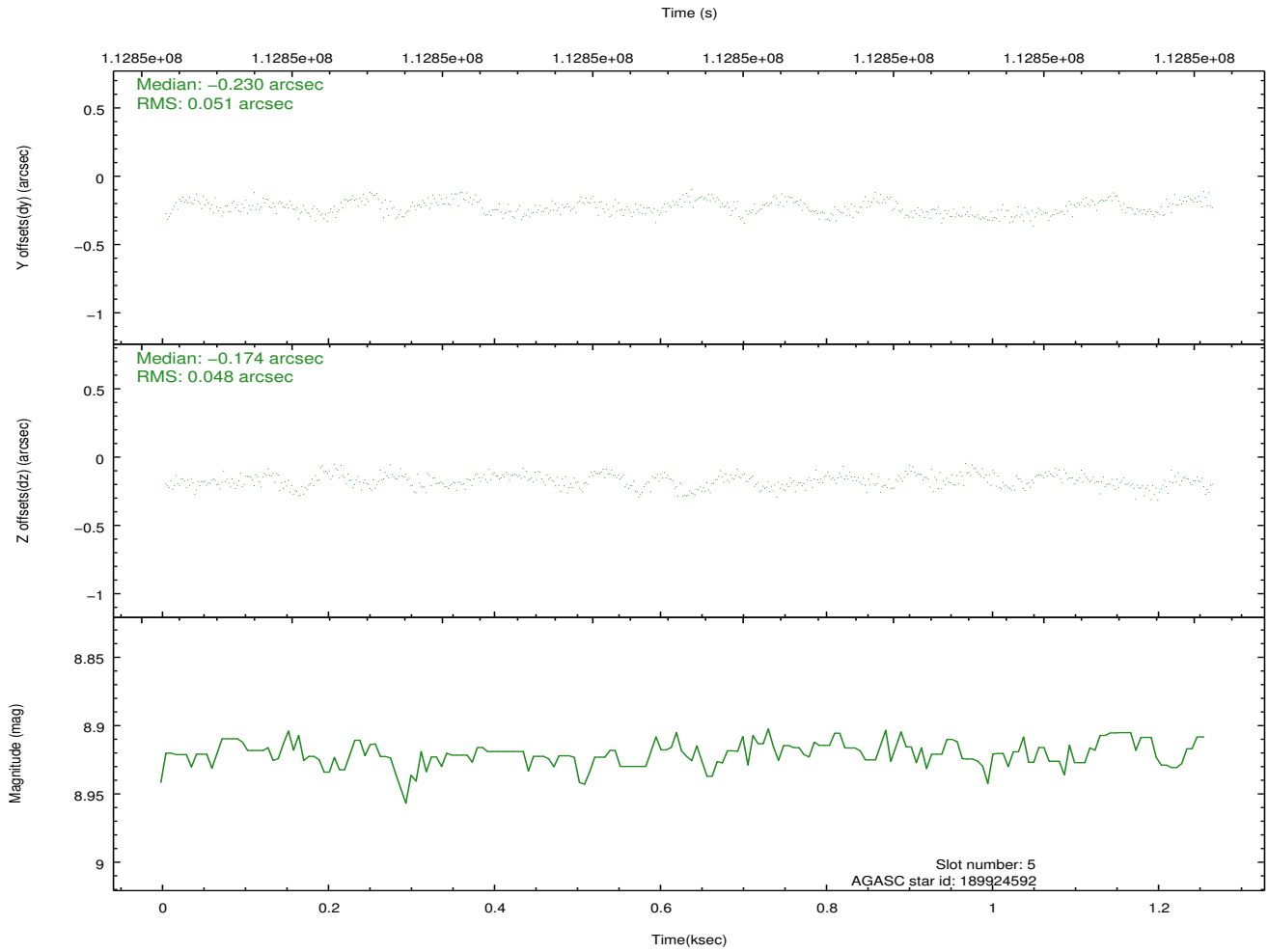
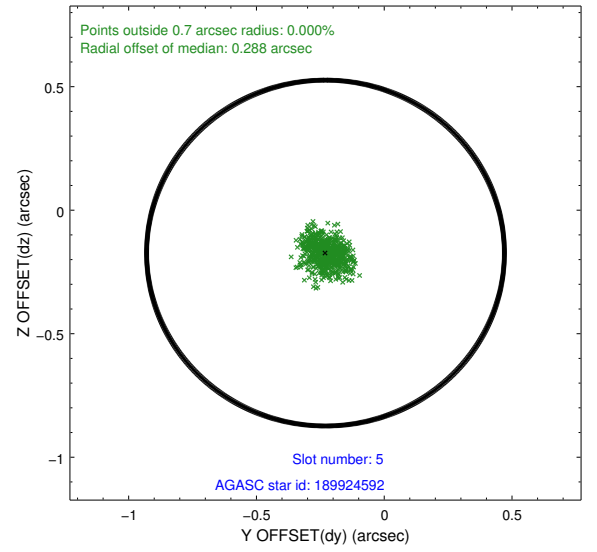
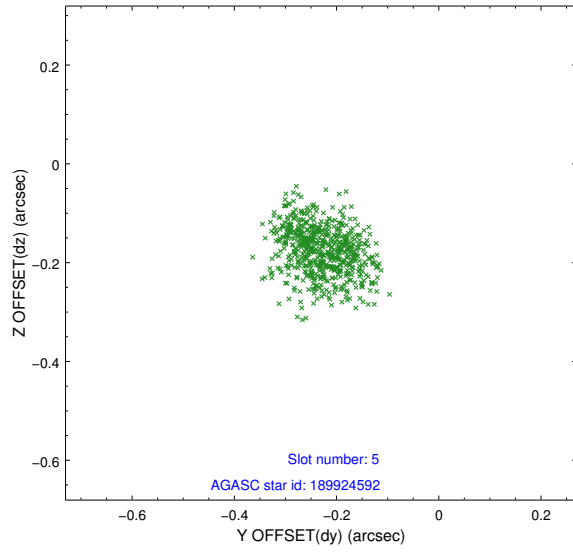
2.4.1 Slot 3



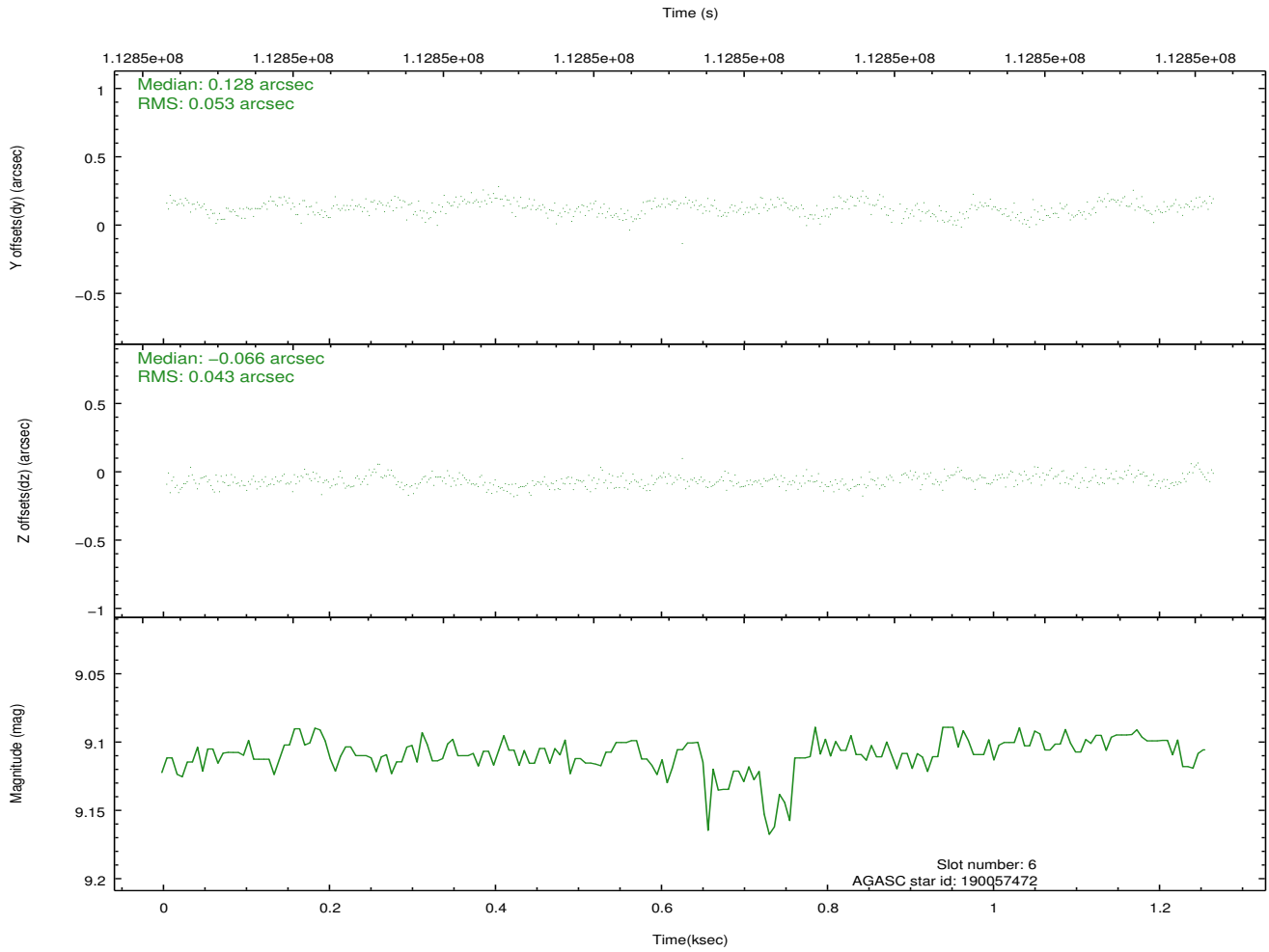
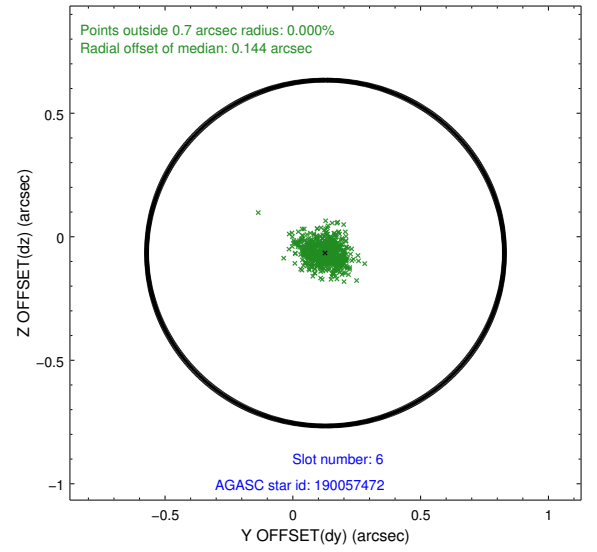
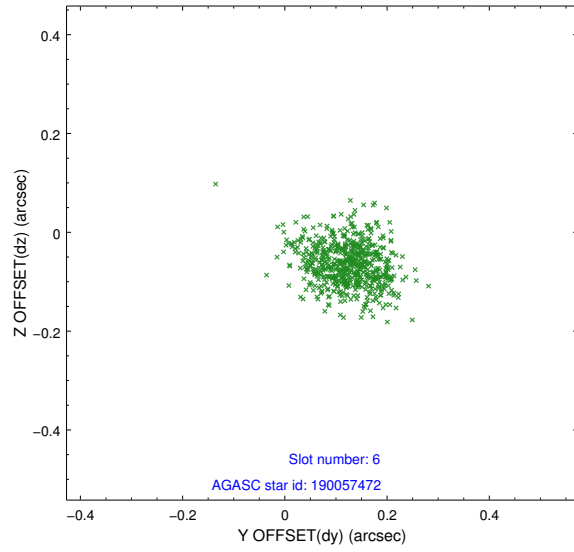
2.4.2 Slot 4



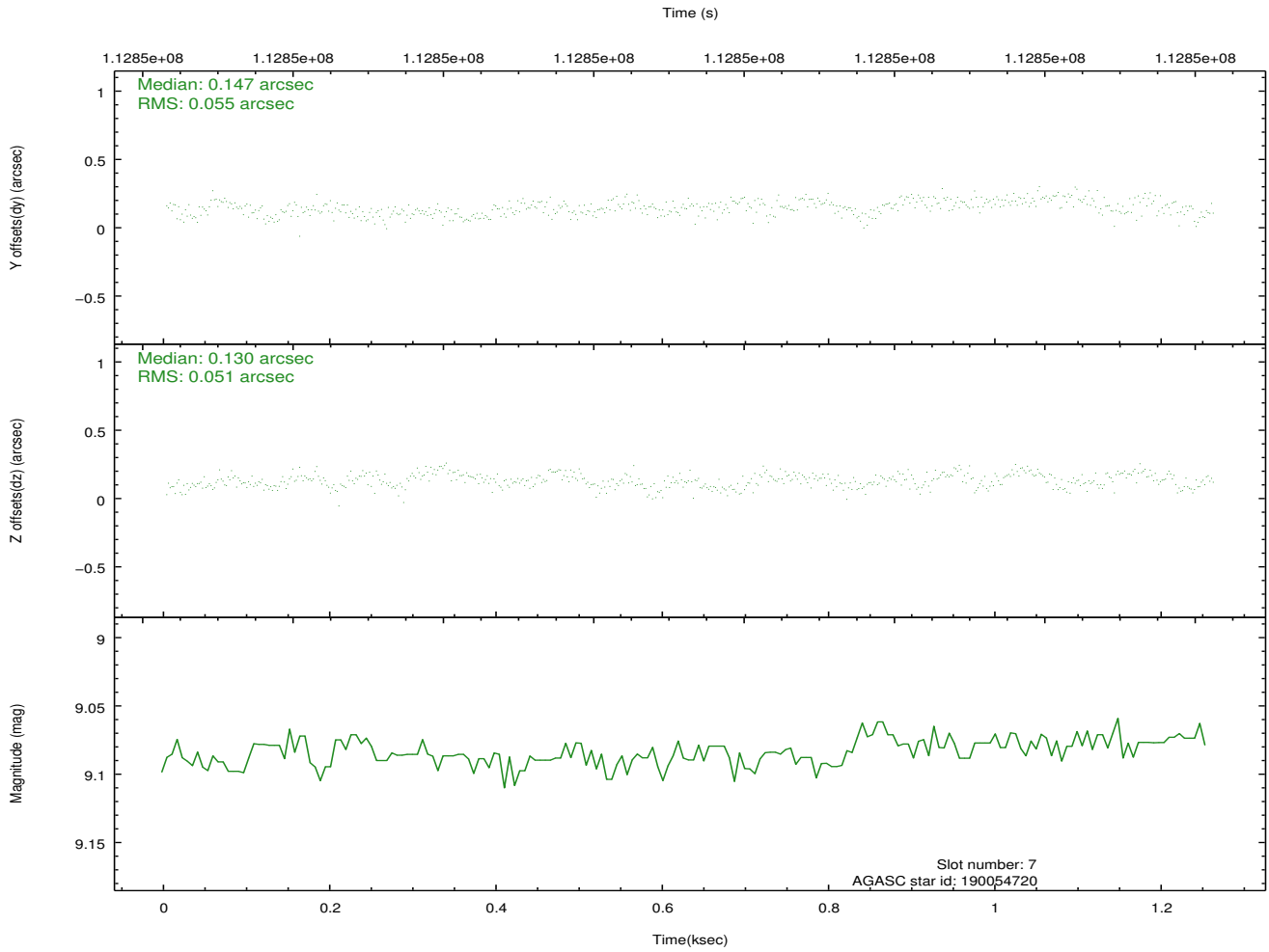
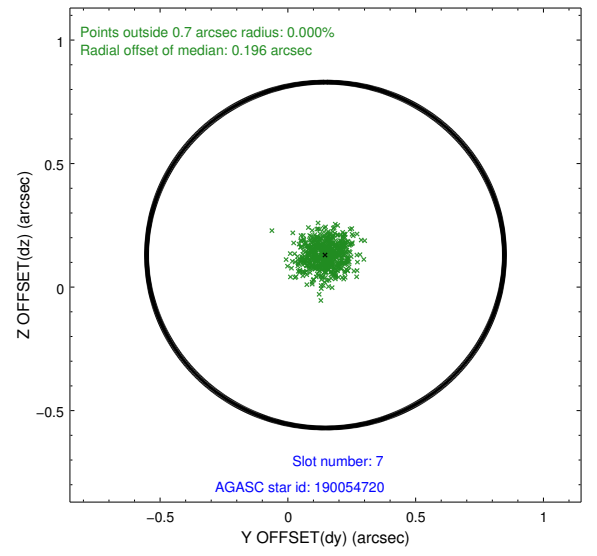
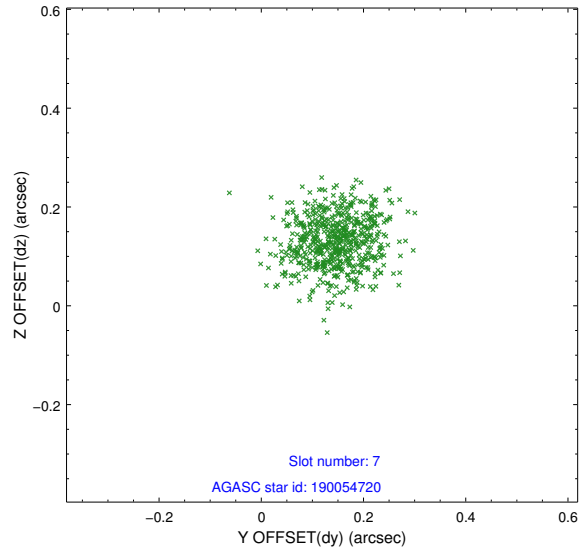
2.4.3 Slot 5



2.4.4 Slot 6

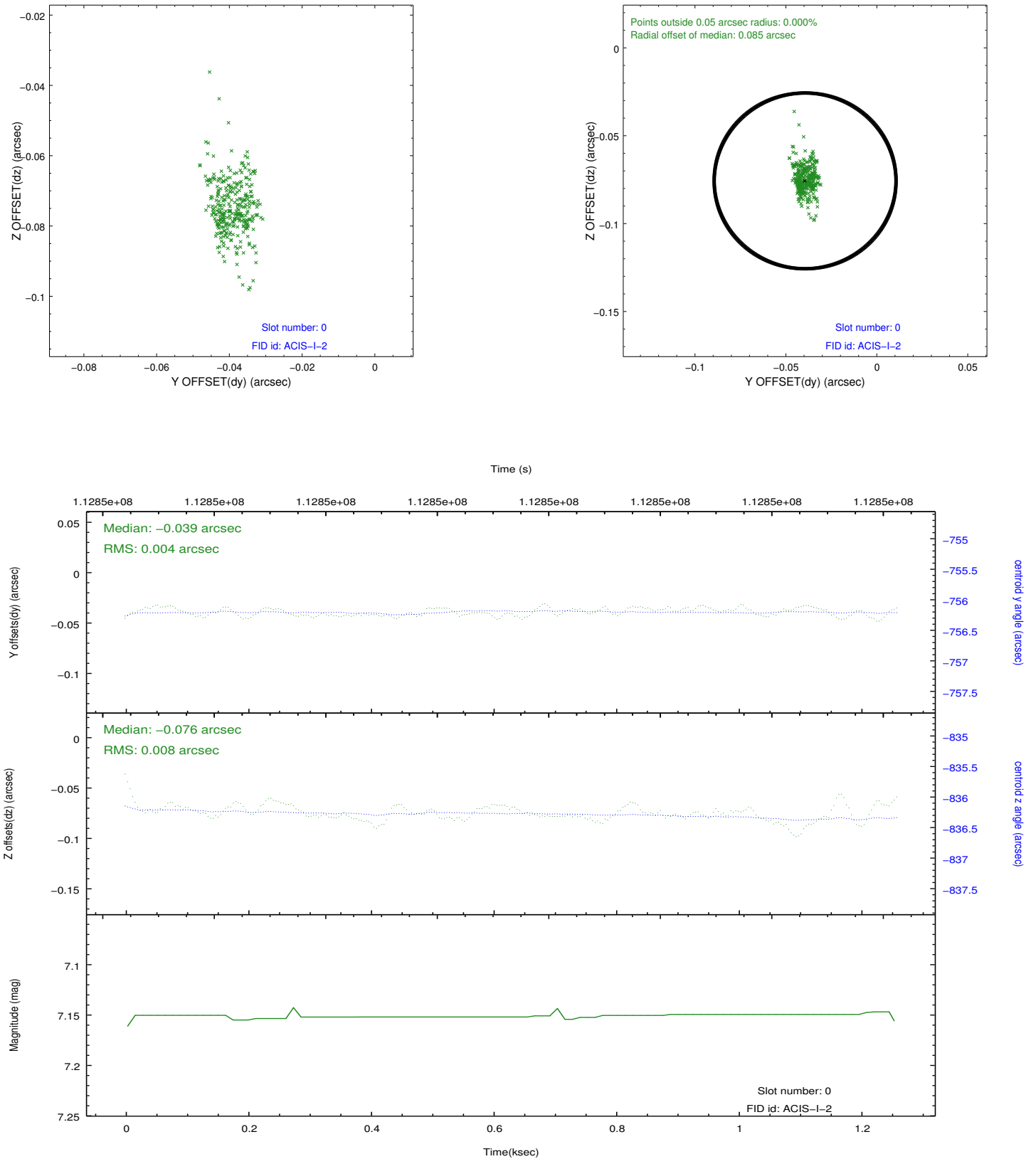


2.4.5 Slot 7

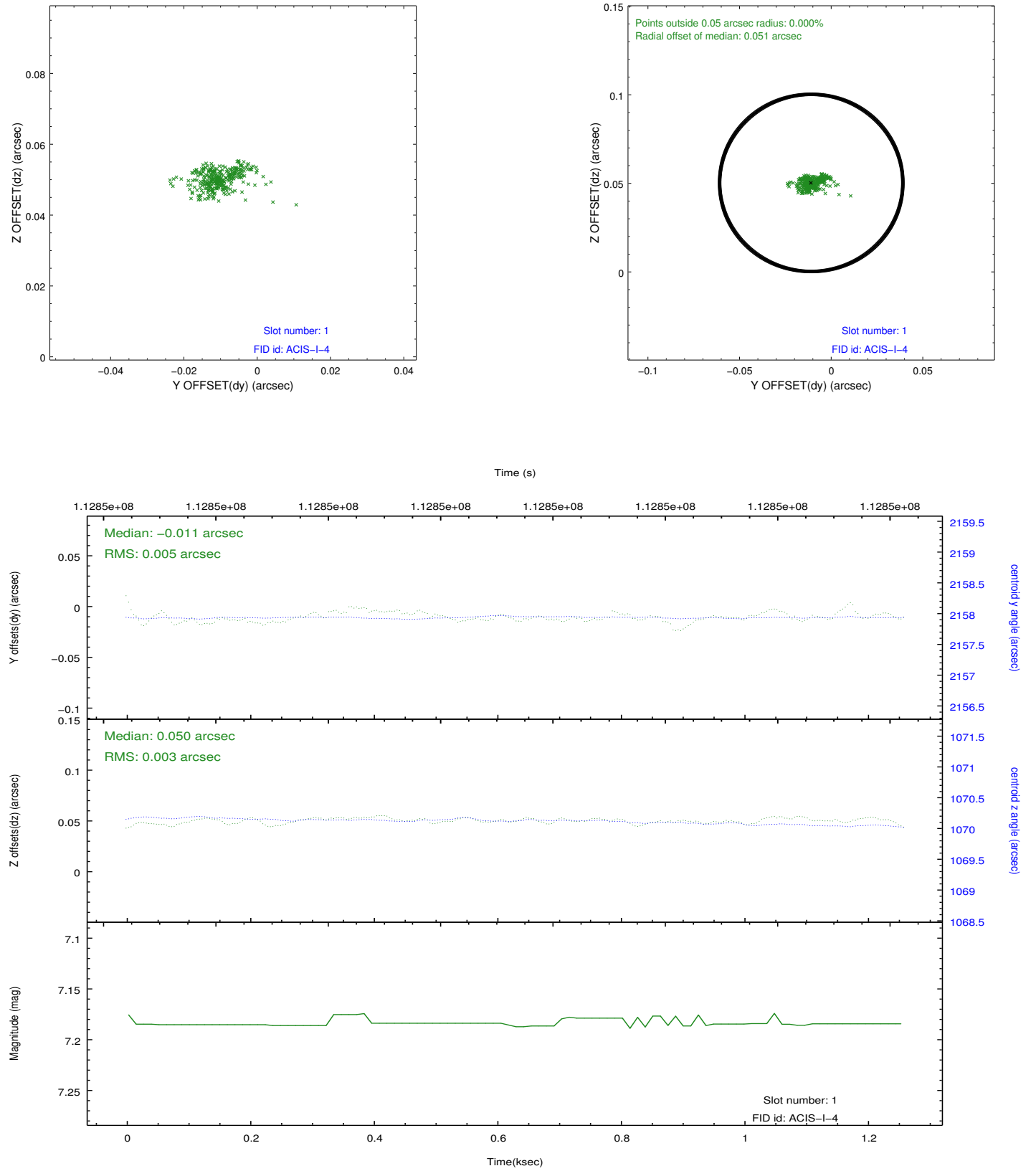


2.5 FID Slots

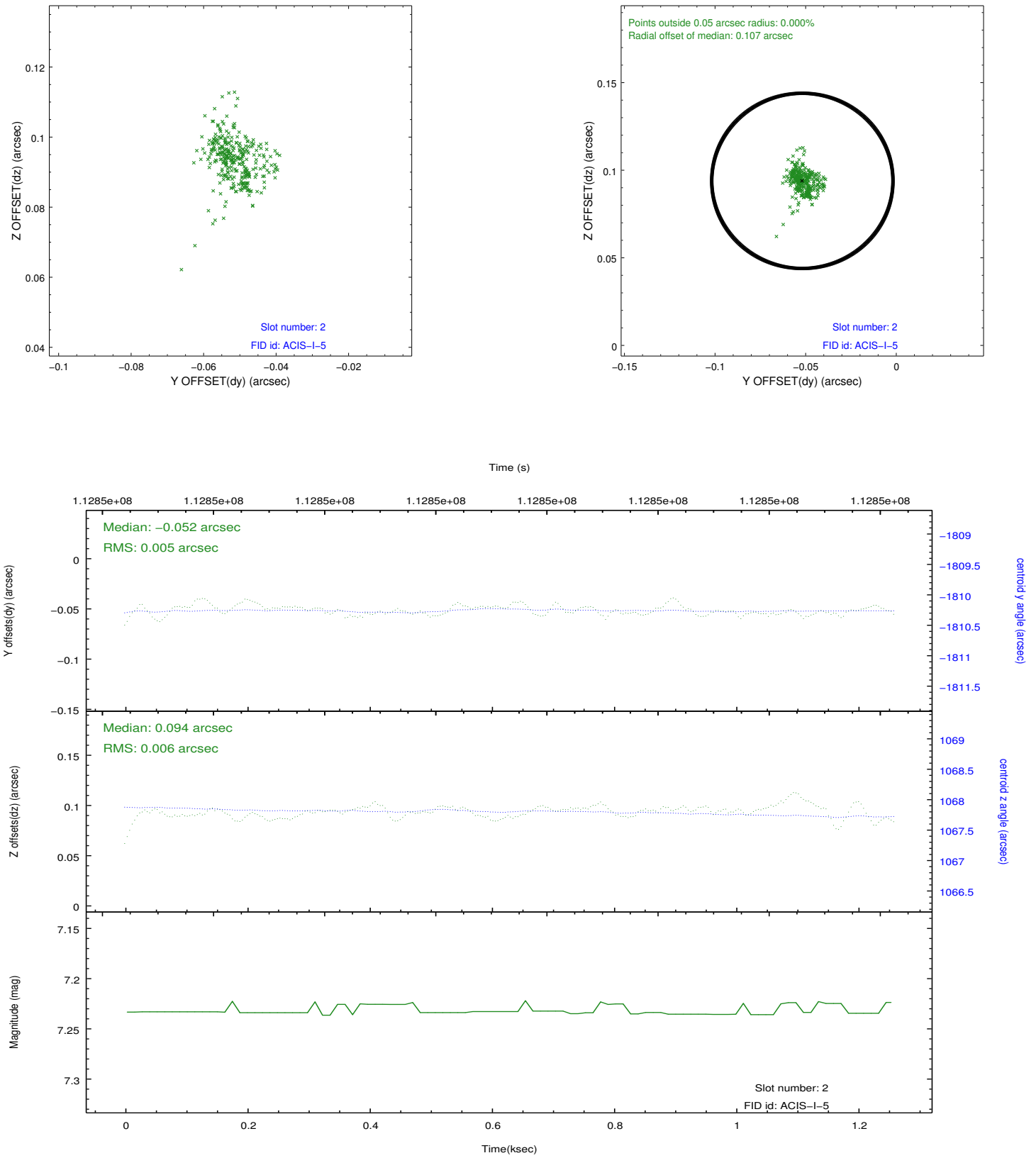
2.5.1 Slot 0



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)	2012.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.932

A.2 Comments