

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 18174 - L2 Version 1
Chandra X-Ray Center

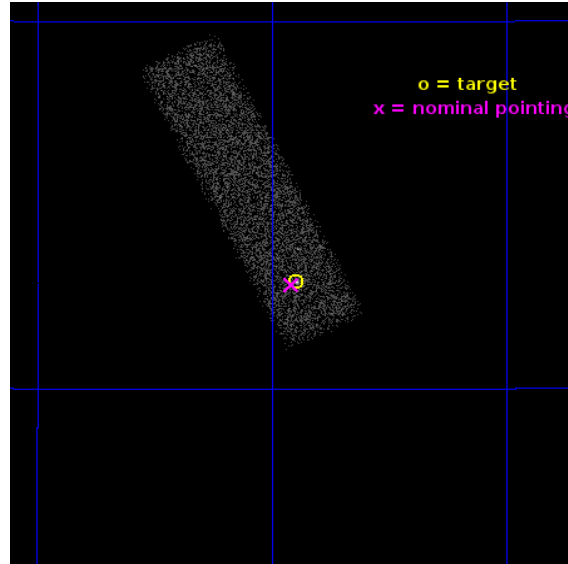
L2 Processing Date : Dec 28 2015

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1 Front

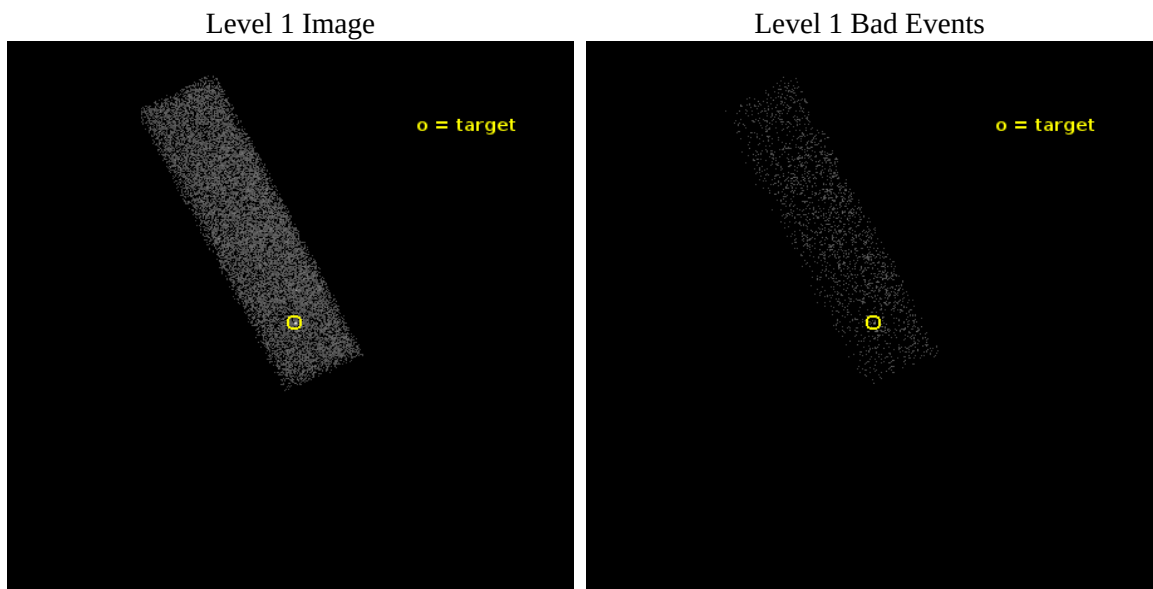
seq_num	703239	Sequence number
obs_id	18174	Observation id
title	Chandra Legacy Survey of Merger Driven AGN Activation in Nearby X-ray Selected AGN	Proposal title
observer	Dr Michael Koss	Principal investigator
object	2MASX J04595677+3502536	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	74.987083	Observer's specified target RA [deg]
dec_targ	35.048306	Observer's specified target Dec [deg]
ra_nom	74.989556678739	Nominal RA [deg]
dec_nom	35.047080086355	Nominal Dec [deg]
roll_nom	243.03027552754	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10061.240419865	Sum of GTIs [s]
livetime	9570.284809155	Livetime [s]
ontime7	10061.240419865	Sum of GTIs [s]
l2events	10689	Number of level 2 events



2 OBI

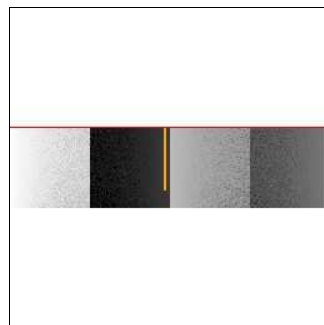
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3	Processing system revision	ontime	10061.240419865	Sum of GTIs [s]
caldbver	4.7.0	 	ontime7	10061.240419865	Sum of GTIs [s]
date	2015-12-28T11:43:32	Date and time of file creation	l1events	21343	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

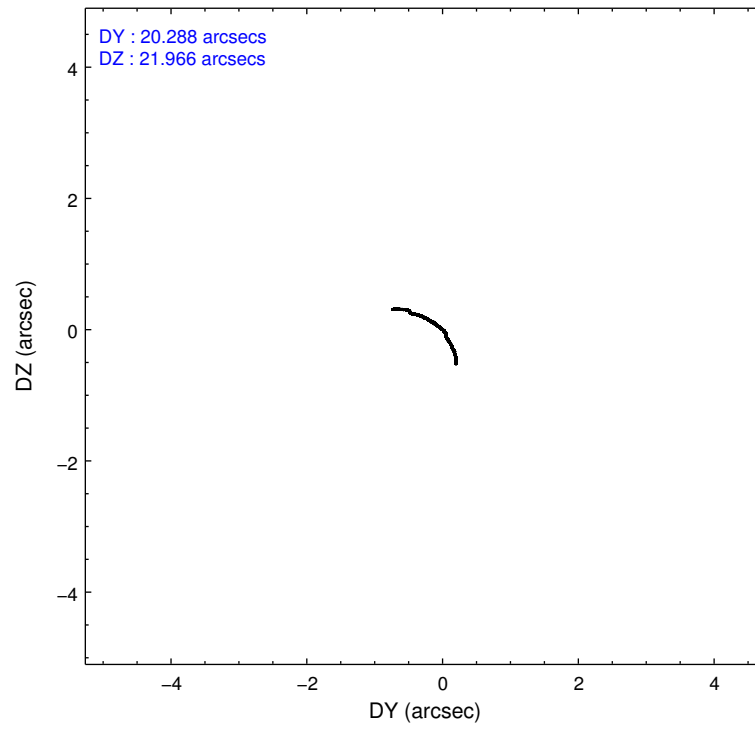
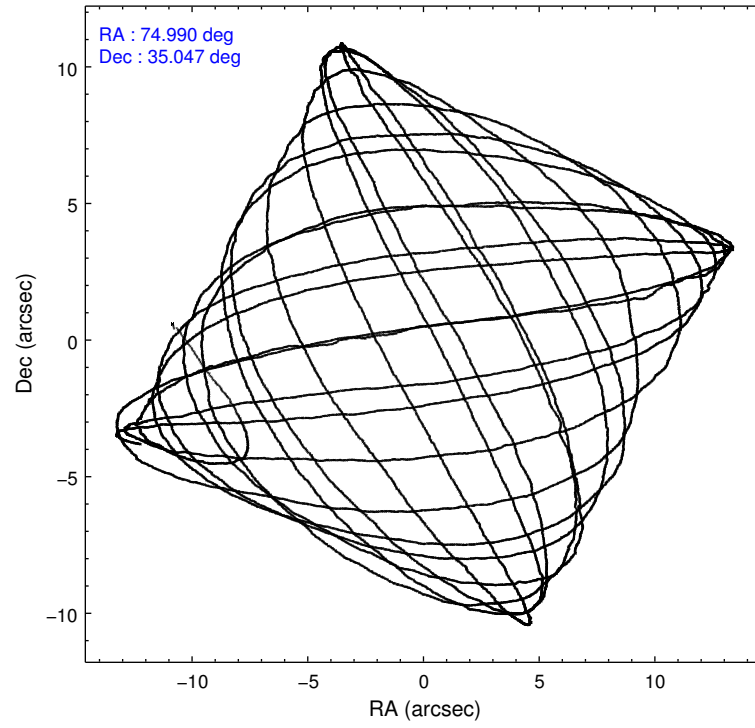
	ccd 7
level 1 events	21343
rejected events	10330
rejected %	48%

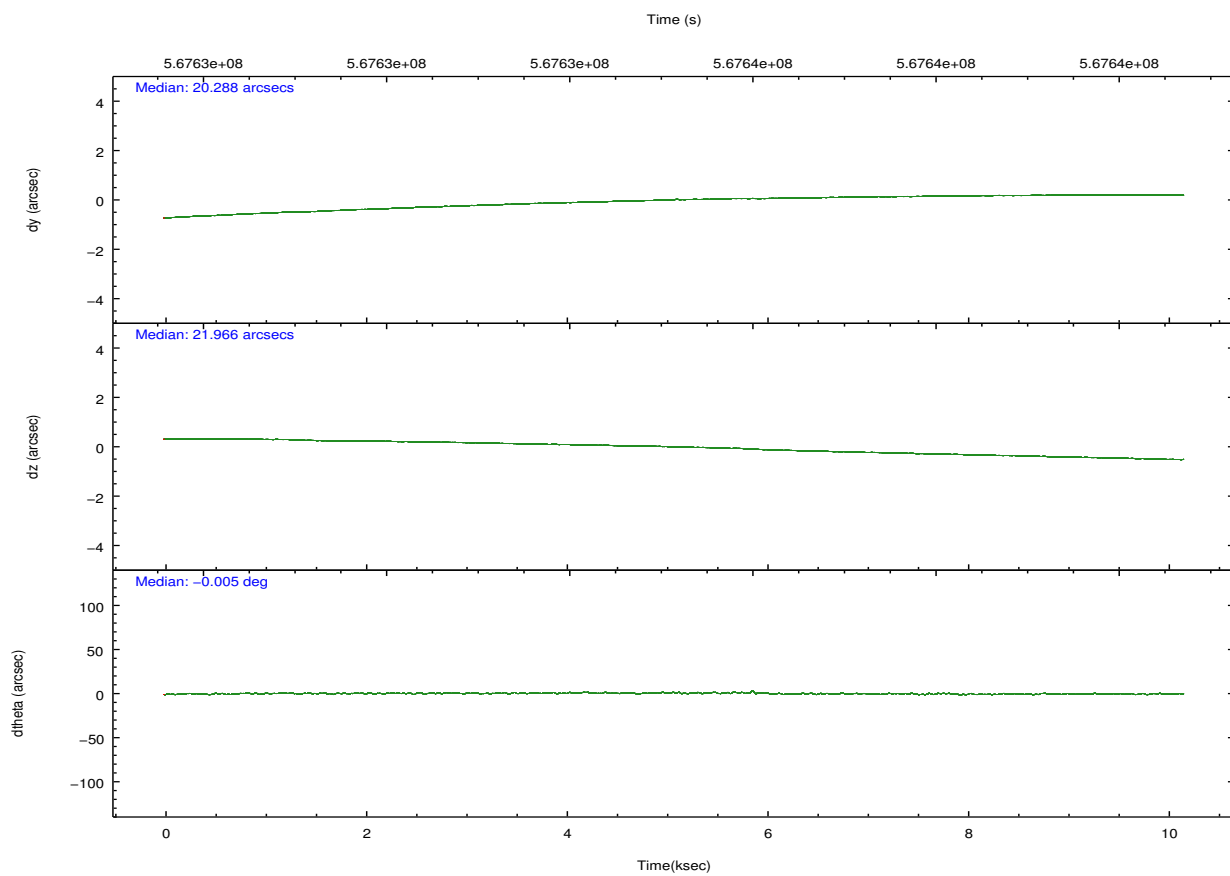
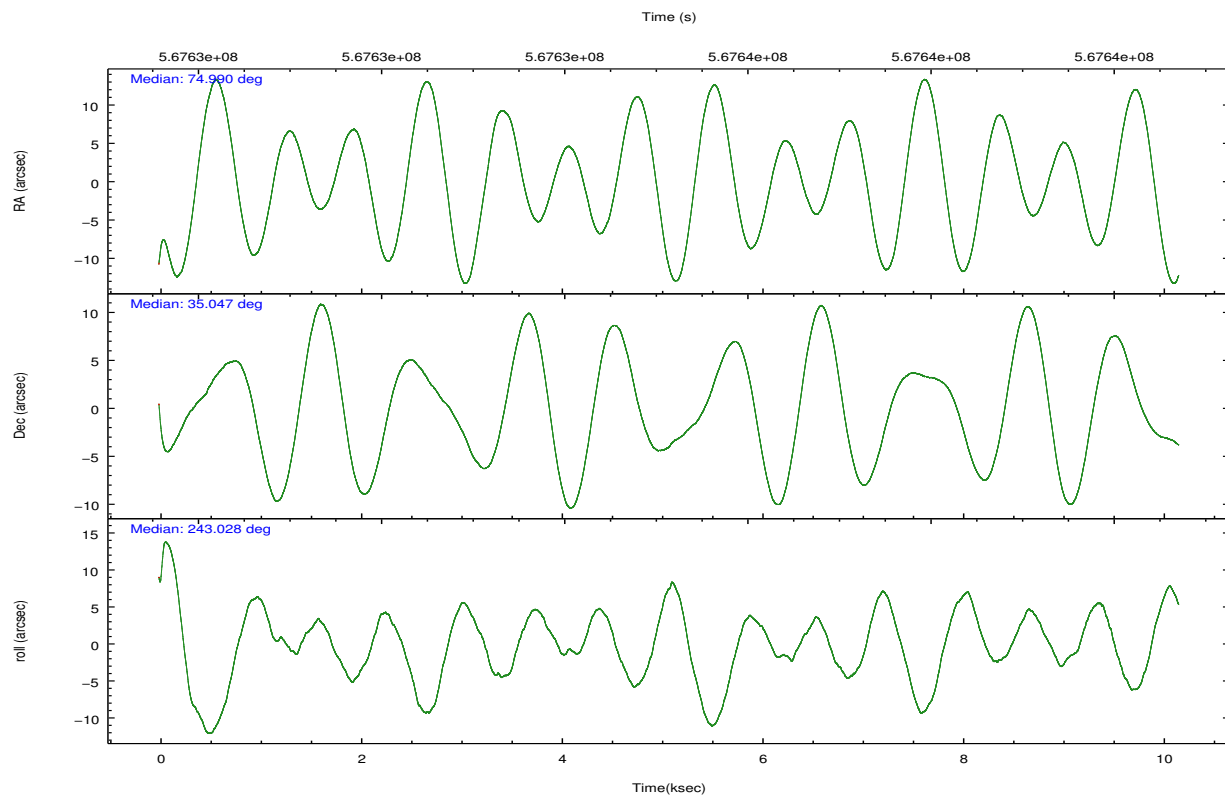
	ccd 7
grade 0 events	1173
	5%
grade 1 events	32
	0%
grade 2 events	2304
	10%
grade 3 events	1174
	5%
grade 4 events	1219
	5%
grade 5 events	2147
	10%
grade 6 events	5144
	24%
grade 7 events	8150
	38%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	74.987387	74.98955667873948	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	35.074484	35.04708008635472	Subarray start row	385	385
[deg] Pointing Roll	242.874899	243.0302755275369	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	567630223.184000	567629067.4941601			
Observation start date	2015-12-27T19:02:35	2015-12-27T18:44:27			
[s] Observation end time (MET)	567640223.184000	567641236.29485			
Observation end date	2015-12-27T21:49:15	2015-12-27T22:07:16			
Read mode	TIMED	TIMED			

2.3 Aspect



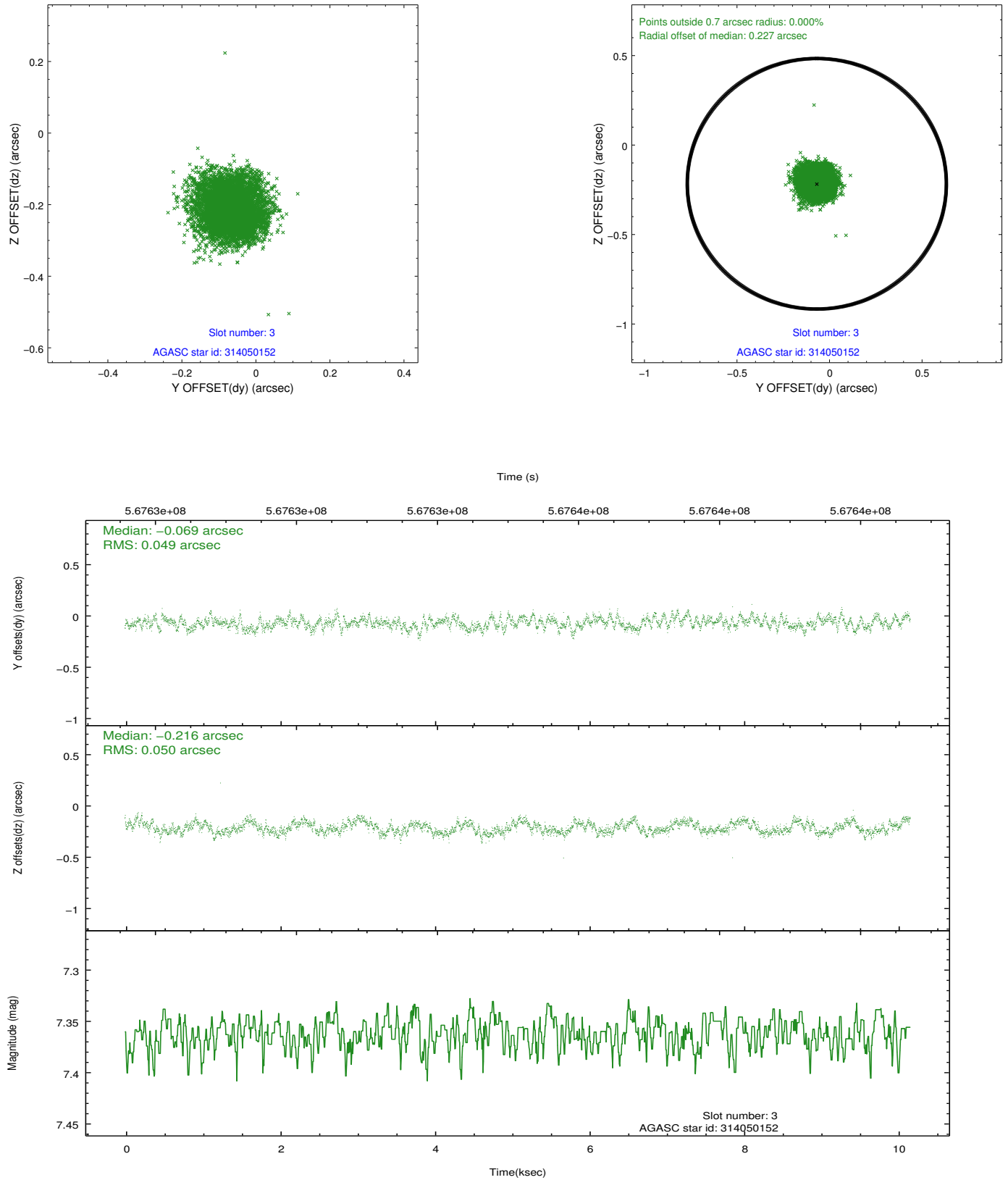


Slot Statistics

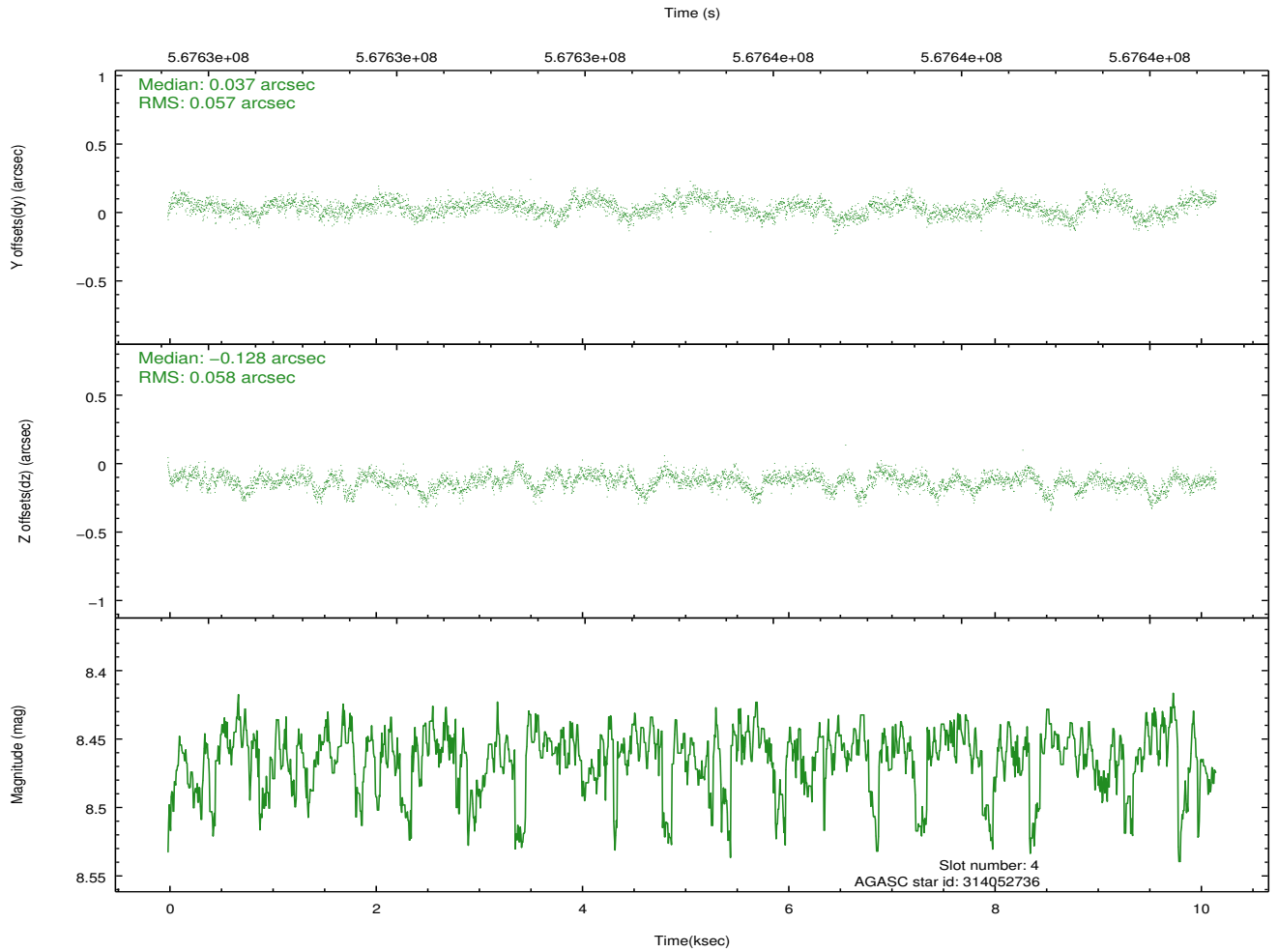
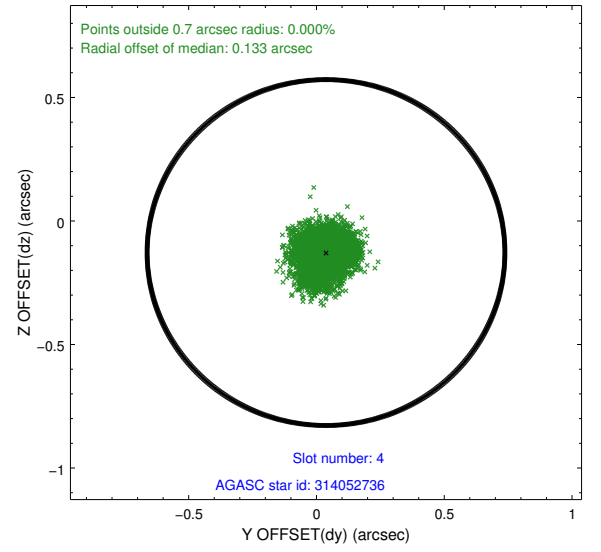
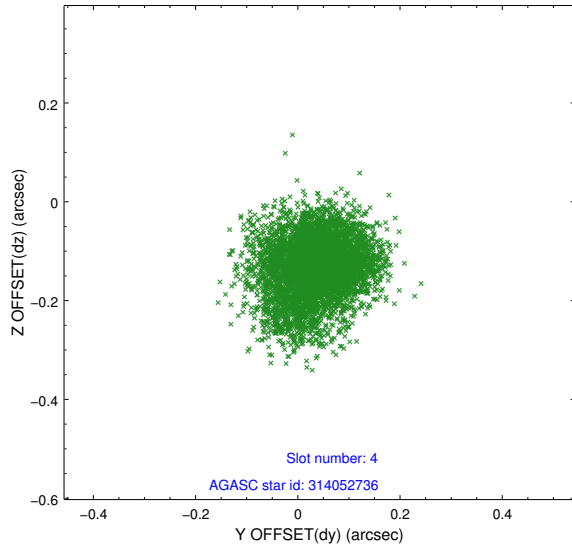
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-1	7.19	2480	0.125	-0.080	0.013	0.021	0.000000	0.000000	922.85	-1739.20
1	FID		ACIS-S-5	7.24	2480	-0.279	0.057	0.010	0.017	0.000000	0.000000	-1826.26	157.96
2	FID		ACIS-S-6	7.36	2480	0.132	0.036	0.017	0.028	0.000000	0.000000	387.85	802.48
3	GUIDE	used	314050152	7.36	4957	-0.069	-0.216	0.076	0.116	75.233421	35.422451	-1444.80	70.89
4	GUIDE	used	314052736	8.46	4954	0.037	-0.128	0.087	0.142	74.768176	34.584904	1864.02	225.31
5	GUIDE	used	314057352	9.53	4958	-0.069	0.101	0.157	0.255	75.952280	35.319374	-2088.92	2114.73
6	GUIDE	used	314059696	9.48	4958	0.114	0.105	0.181	0.293	74.533511	34.943599	1027.10	-977.72
7	GUIDE	used	314049824	9.38	4955	0.006	0.141	0.115	0.180	75.277872	35.421713	-1501.94	188.16

2.4 Star Slots

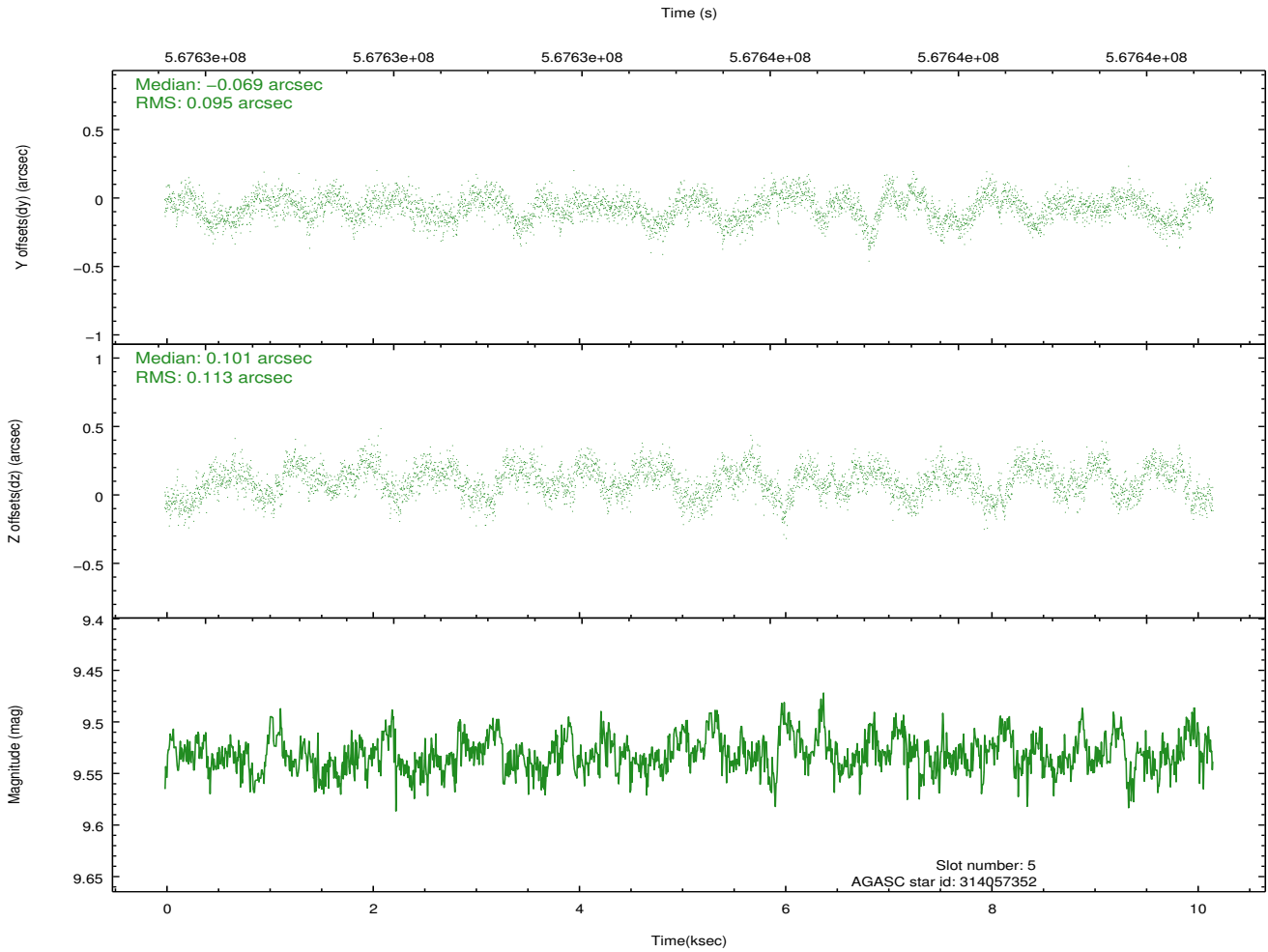
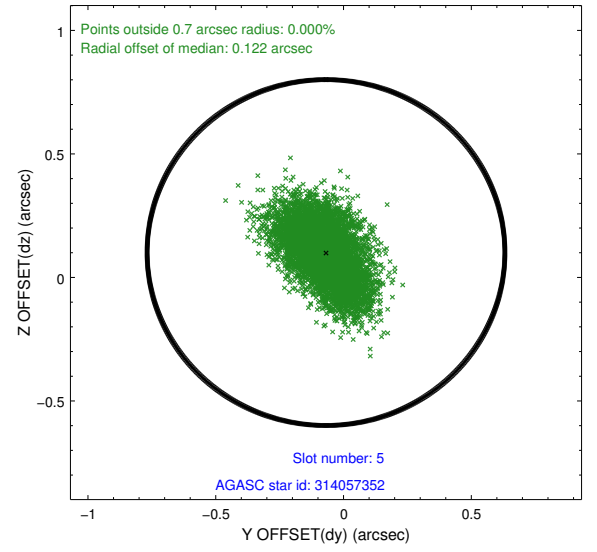
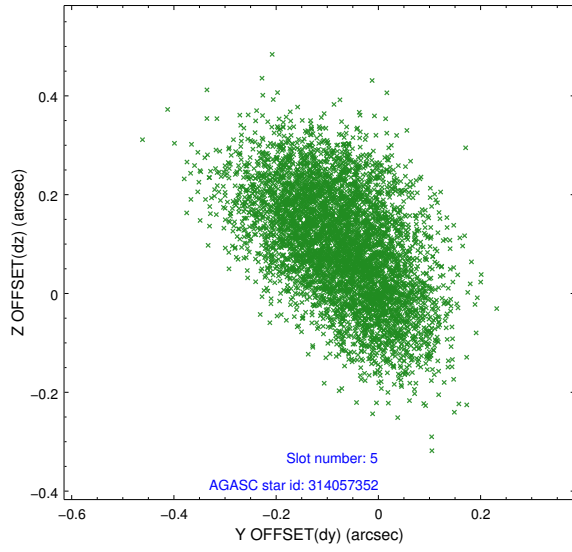
2.4.1 Slot 3



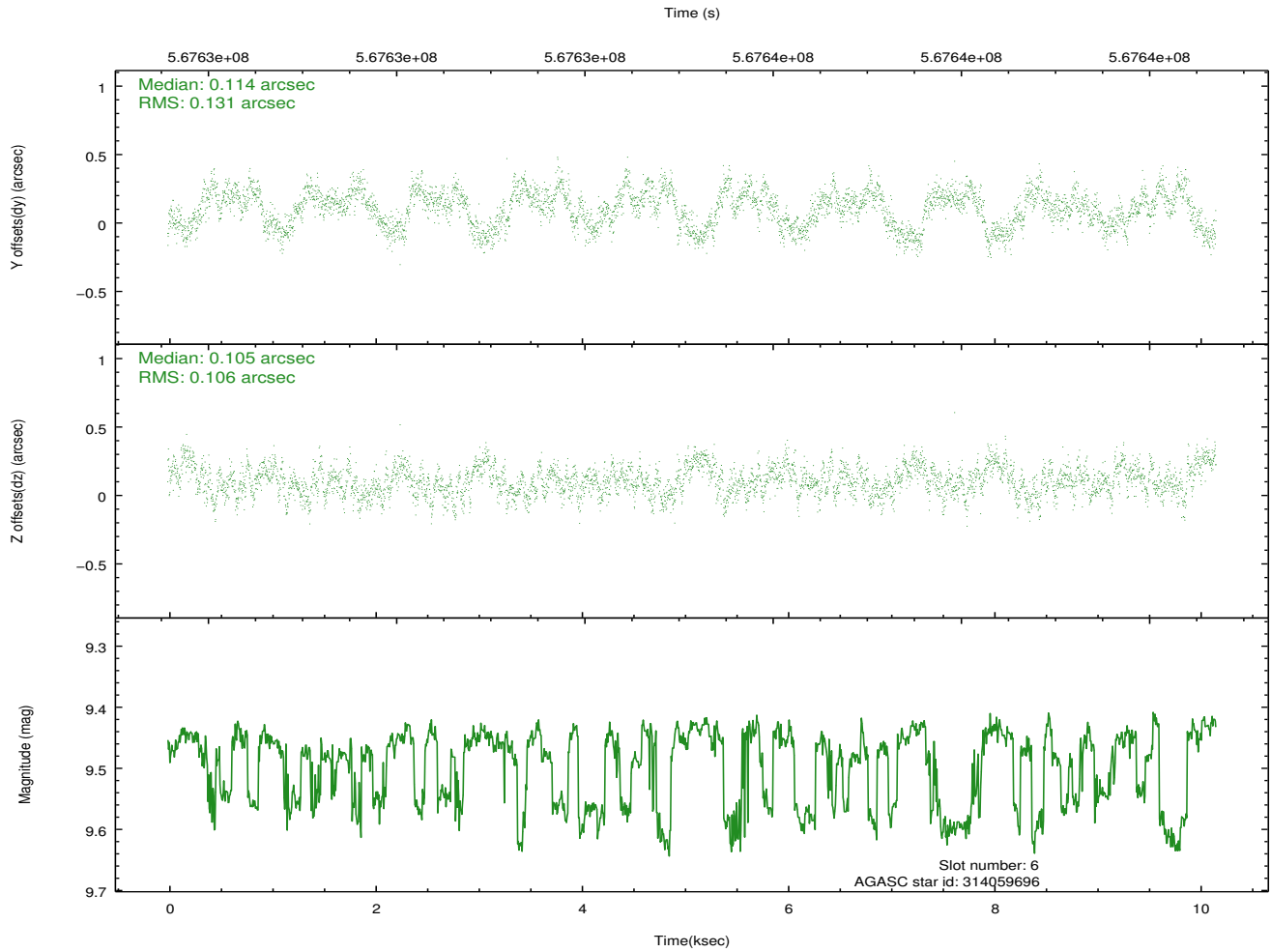
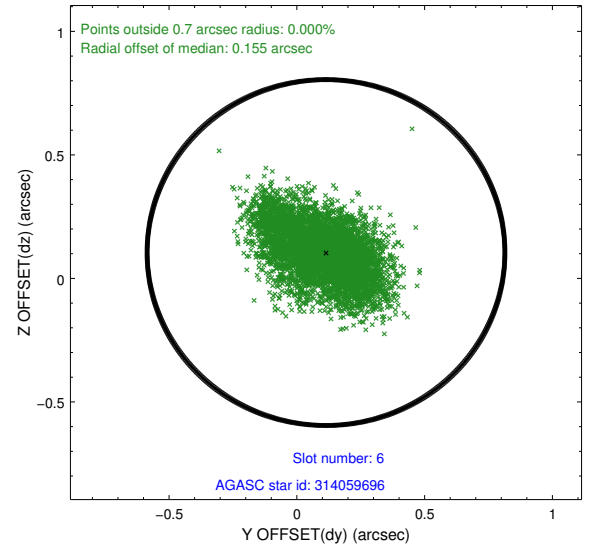
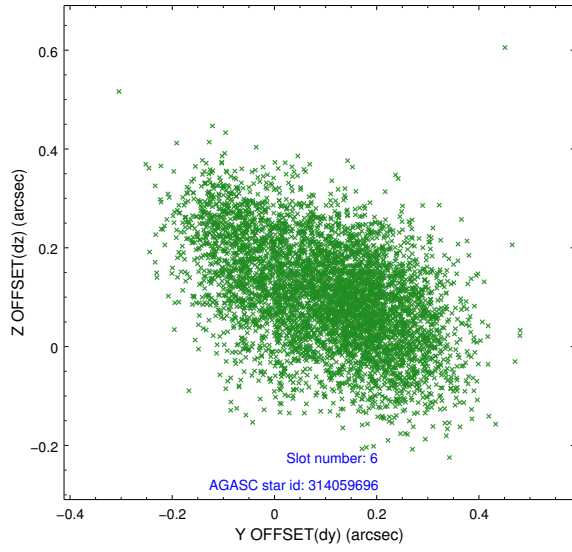
2.4.2 Slot 4



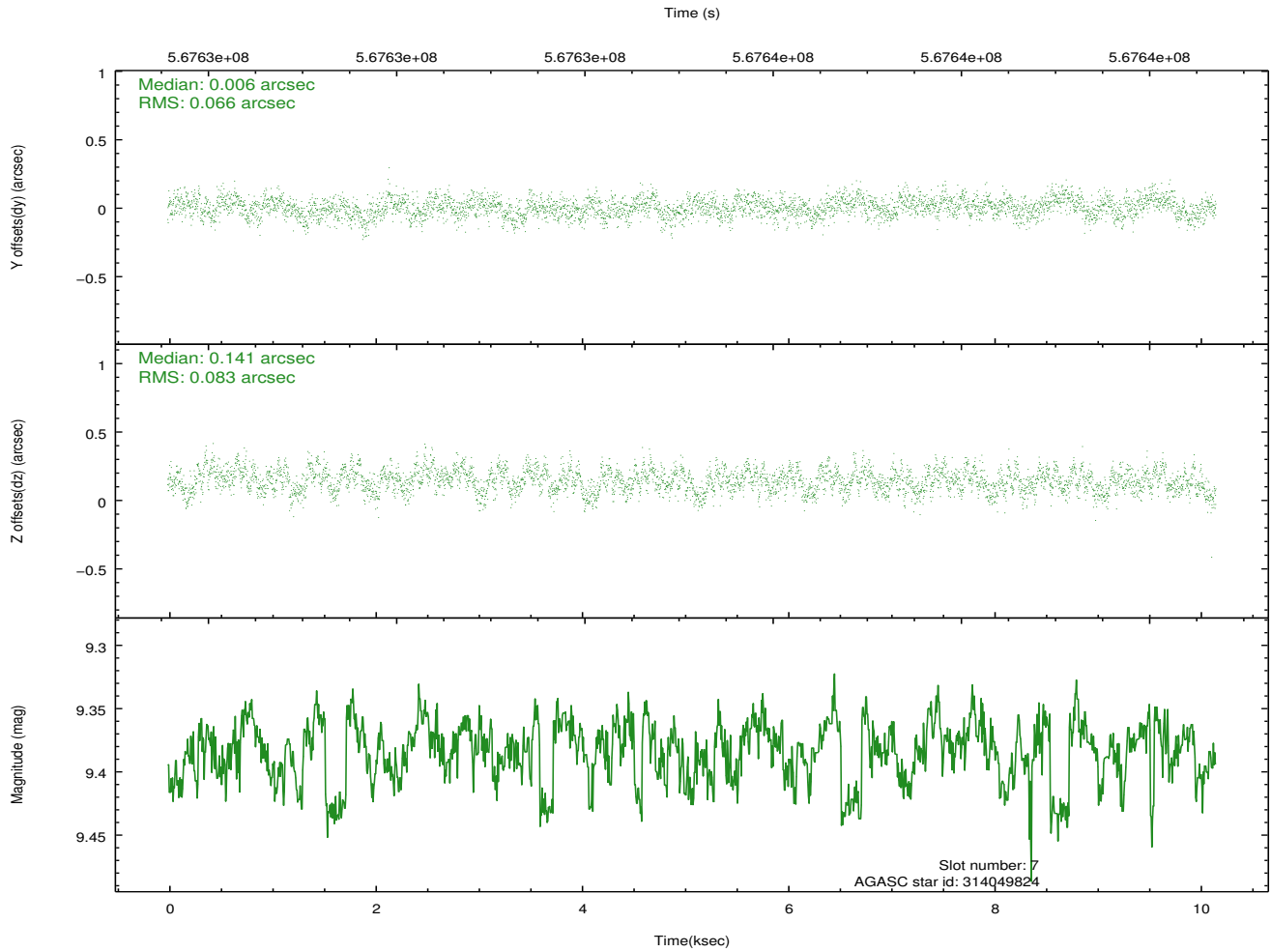
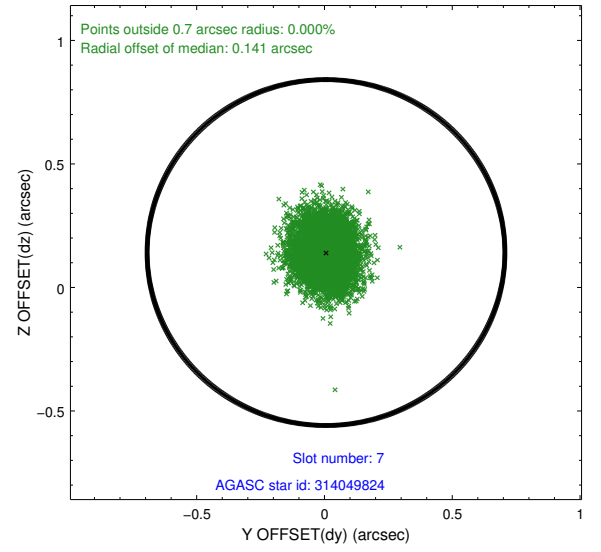
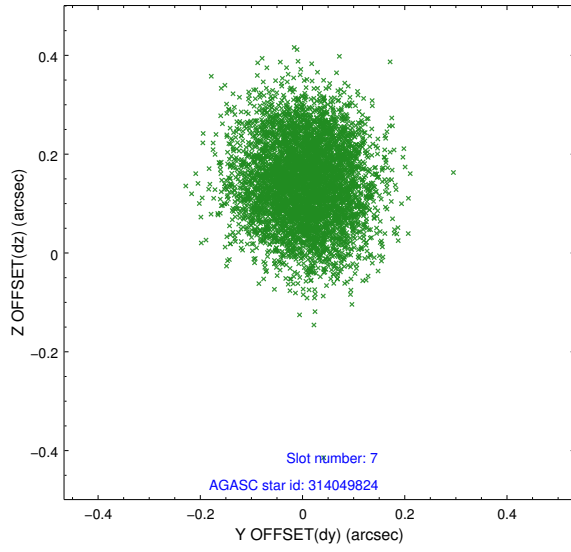
2.4.3 Slot 5



2.4.4 Slot 6

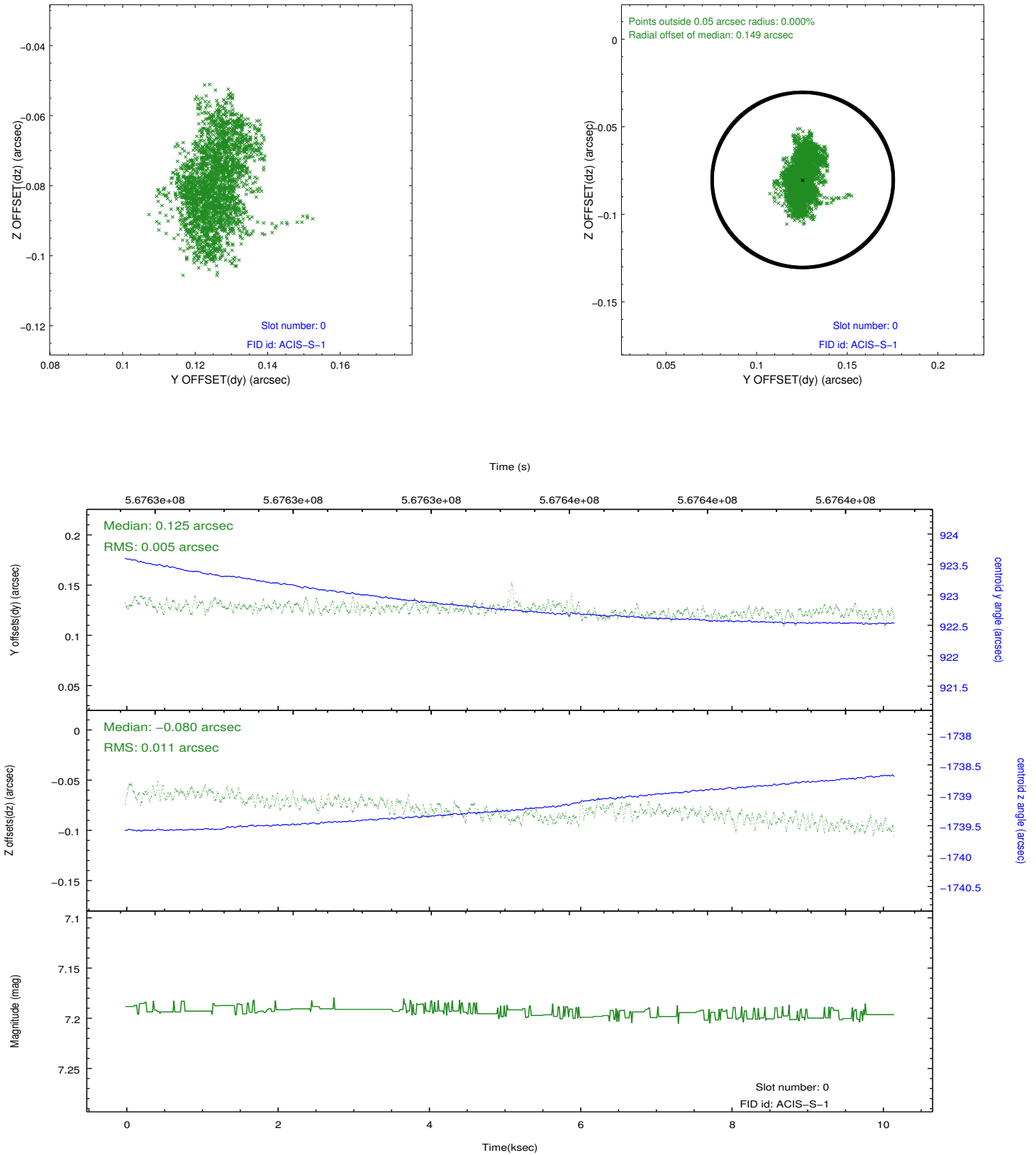


2.4.5 Slot 7

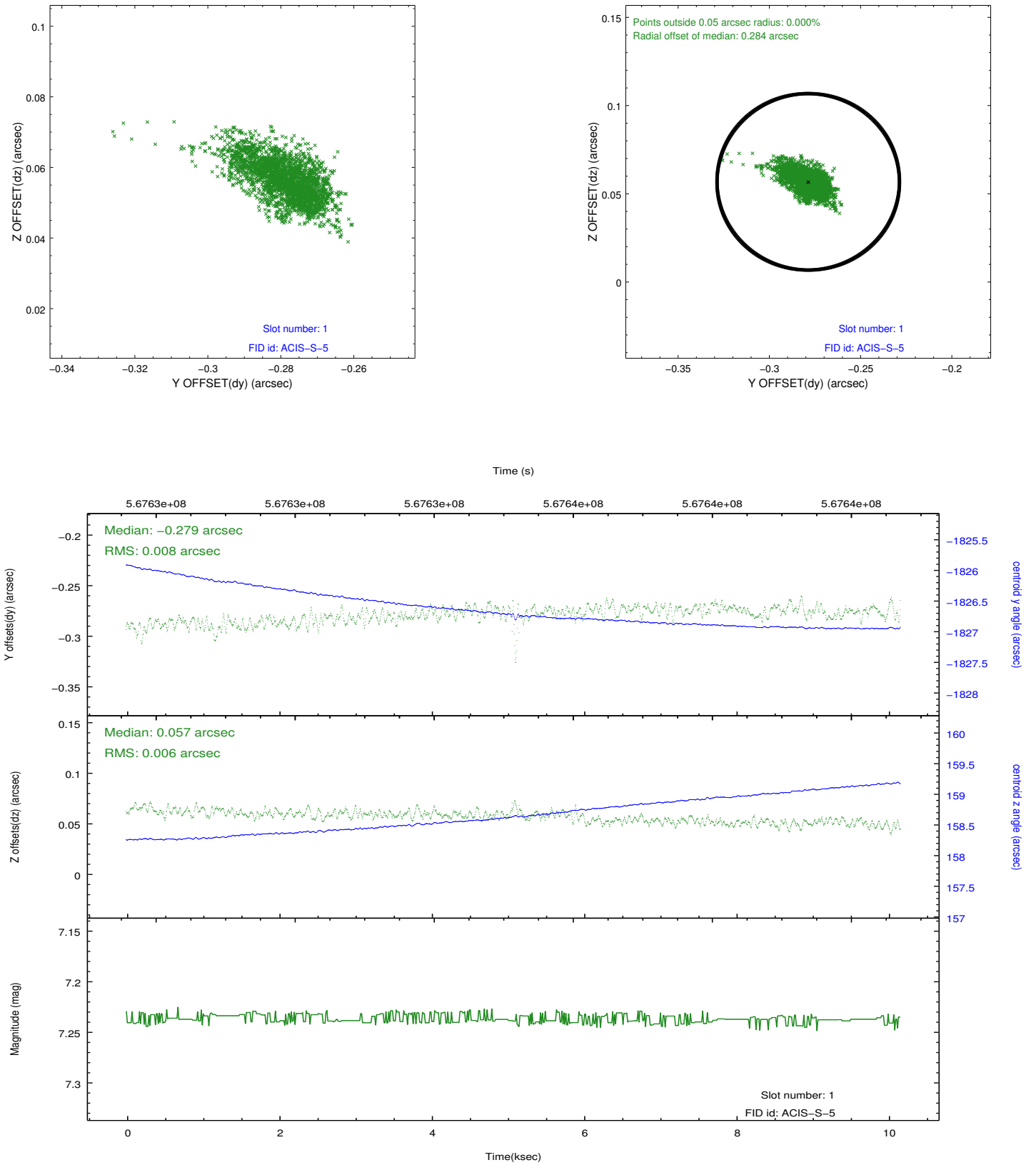


2.5 FID Slots

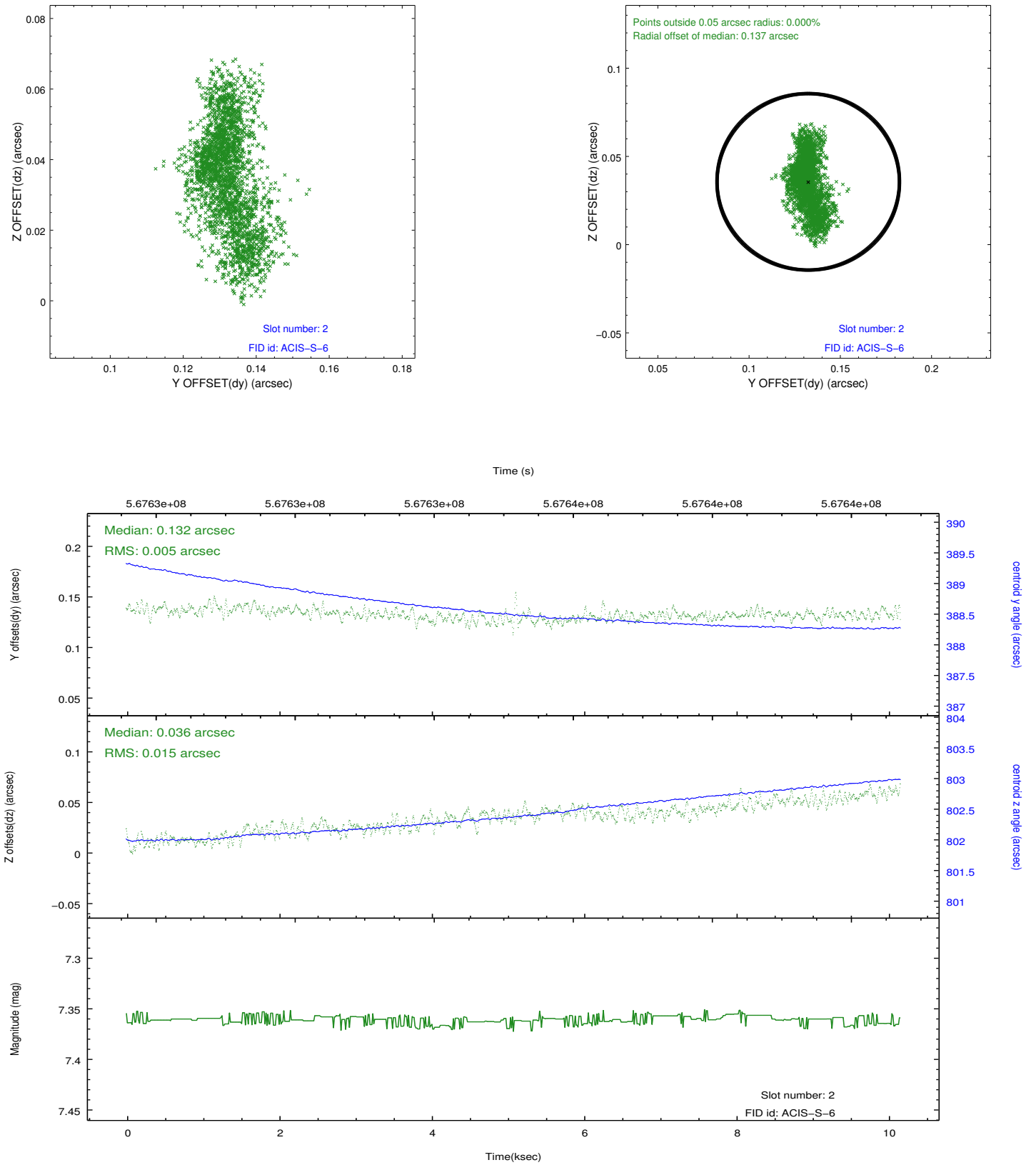
2.5.1 Slot 0



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)	2015.12.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.061240419865

A.2 Comments