

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13270 - L2 Version 2
Chandra X-Ray Center

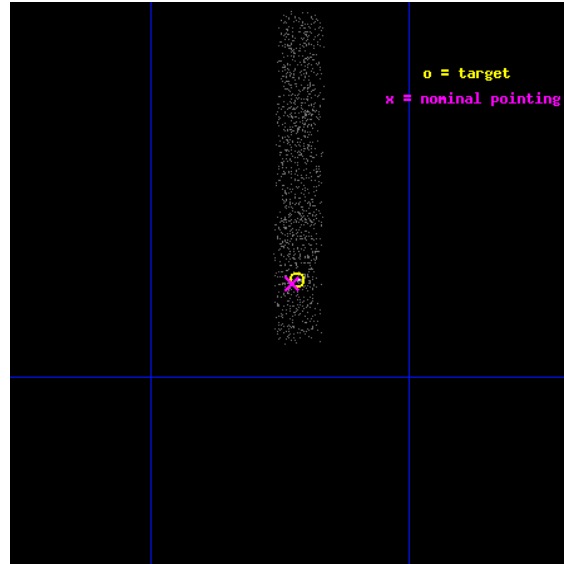
L2 Processing Date : Feb 29 2012

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1 Front

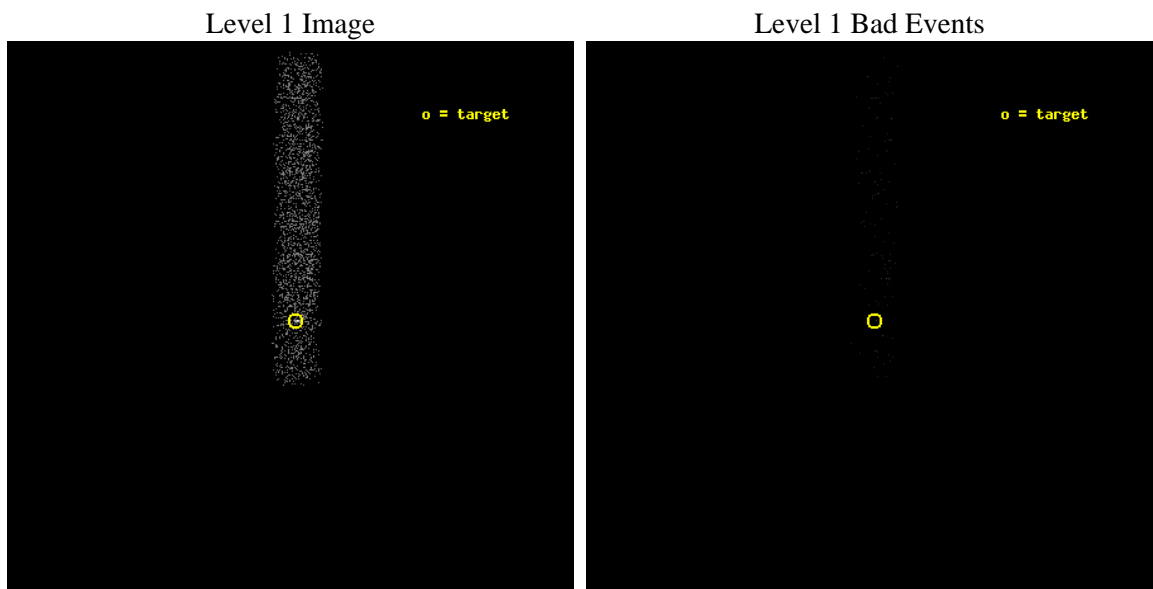
seq_num	200740	Sequence number
obs_id	13270	Observation id
title	A Search for X-ray Emission from Colliding Magnetospheres in Young Eccentric Stellar Binaries (GTO part)	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	UZTauE_P1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	68.179167	Observer's specified target RA [deg]
dec_targ	25.875306	Observer's specified target Dec [deg]
ra_nom	68.181886409544	Nominal RA [deg]
dec_nom	25.873690415953	Nominal Dec [deg]
roll_nom	270.39048505171	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3009.1998206377	Sum of GTIs [s]
livetime	2729.1853987282	Livetime [s]
ontime7	3009.1998206377	Sum of GTIs [s]
l2events	1494	Number of level 2 events



2 OBI

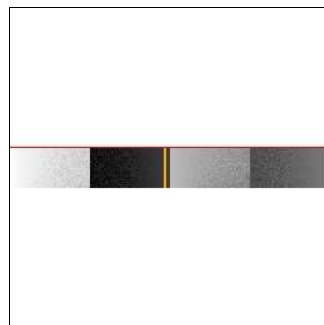
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.346000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3009.1998206377	Sum of GTIs [s]
caldsver	4.4.8	 	ontime7	3009.1998206377	Sum of GTIs [s]
date	2012-02-29T12:40:41	Date and time of file creation	l1events	2788	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

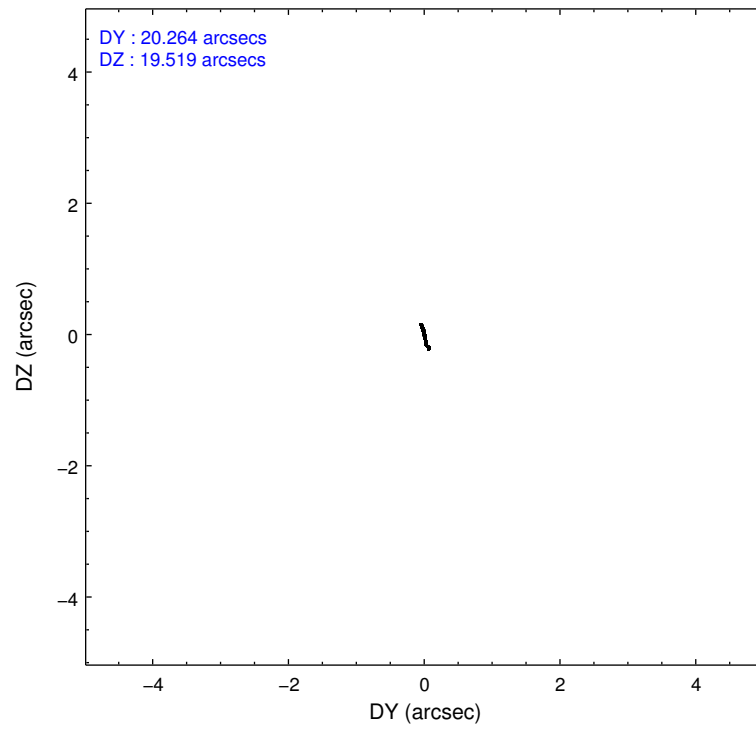
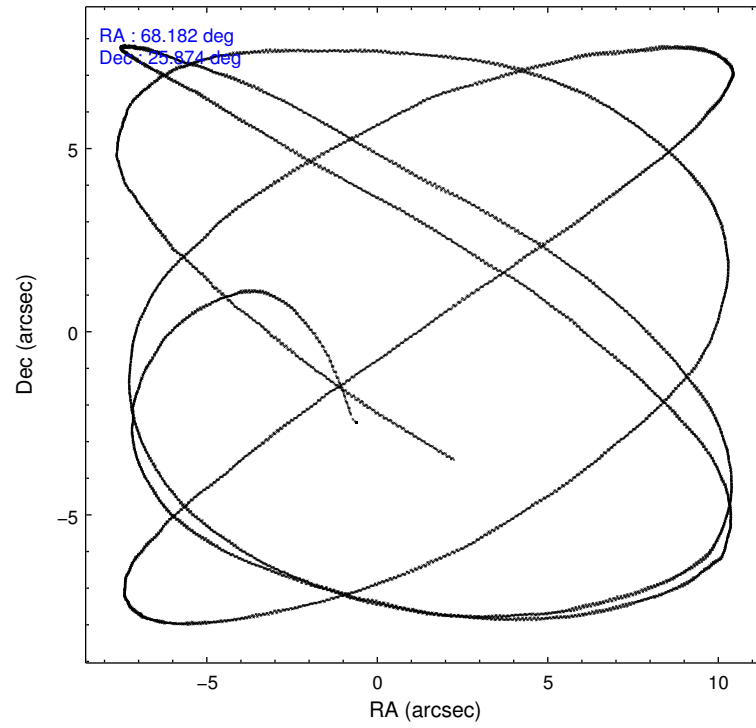
	ccd 7
level 1 events	2788
rejected events	1229
rejected %	44%

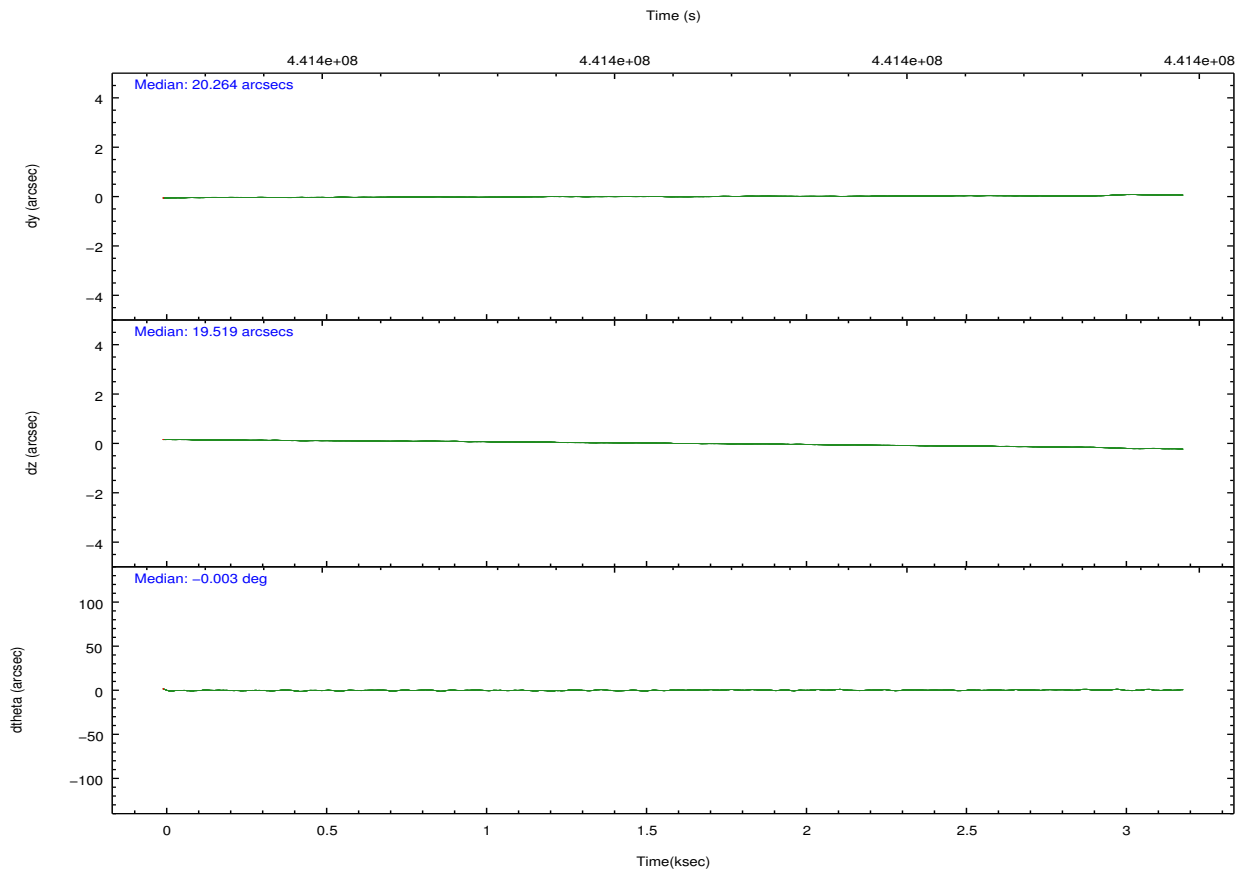
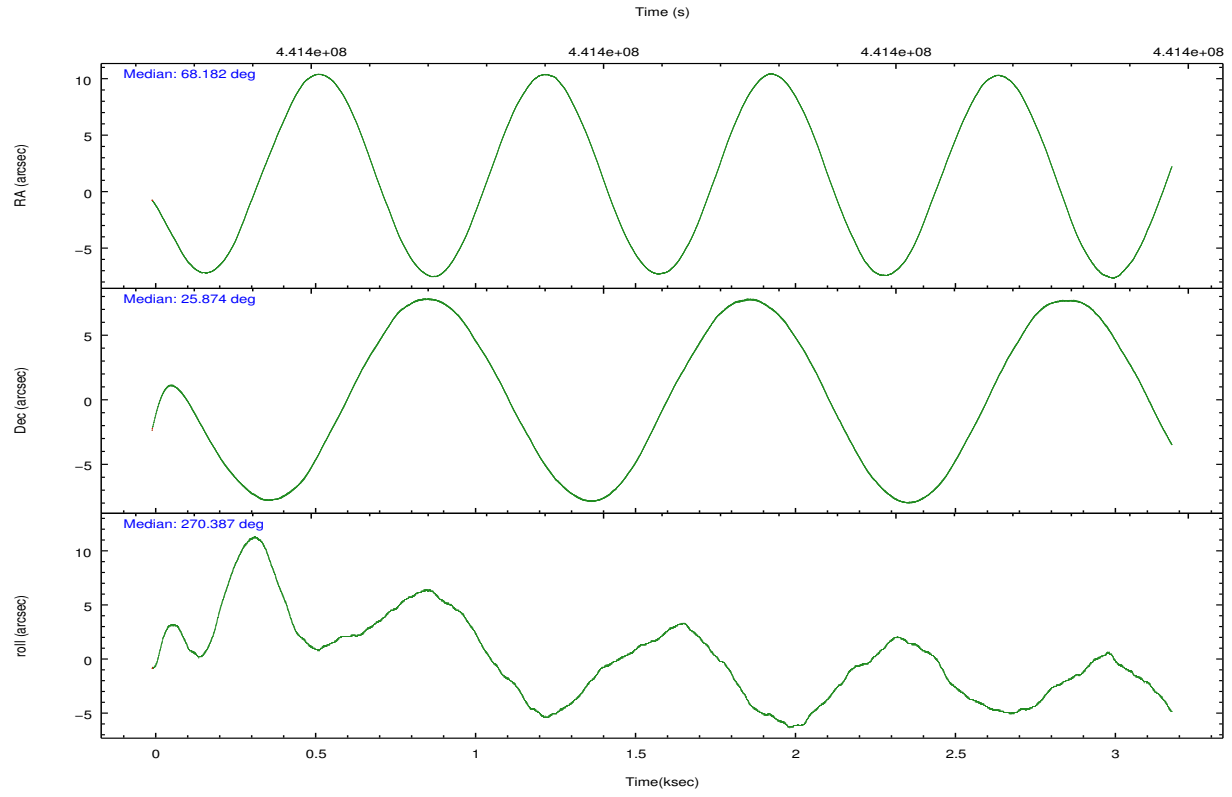
	ccd 7
grade 0 events	217
	7%
grade 1 events	2
	0%
grade 2 events	331
	11%
grade 3 events	201
	7%
grade 4 events	194
	6%
grade 5 events	300
	10%
grade 6 events	616
	22%
grade 7 events	927
	33%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	68.166287	68.18188640954359	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	25.897092	25.87369041595298	Subarray start row	449	449
[deg] Pointing Roll	270.240668	270.3904850517061	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	441399793.184000	441398628.27656			
Observation start date	2011-12-27T19:02:07	2011-12-27T18:43:48			
[s] Observation end time (MET)	441402793.184000	441403020.40179			
Observation end date	2011-12-27T19:52:07	2011-12-27T19:57:00			
Read mode	TIMED	TIMED			

2.3 Aspect



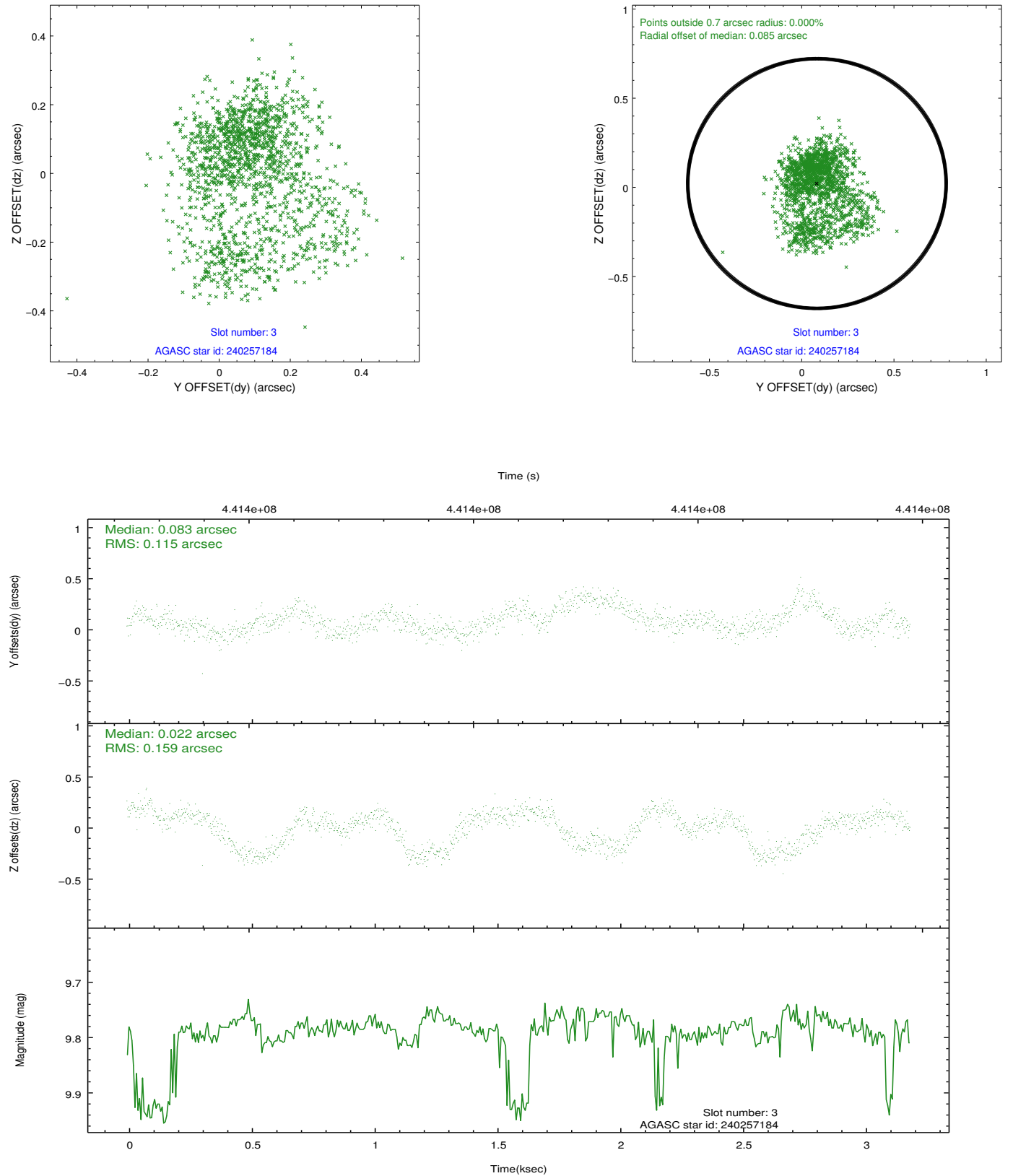


Slot Statistics

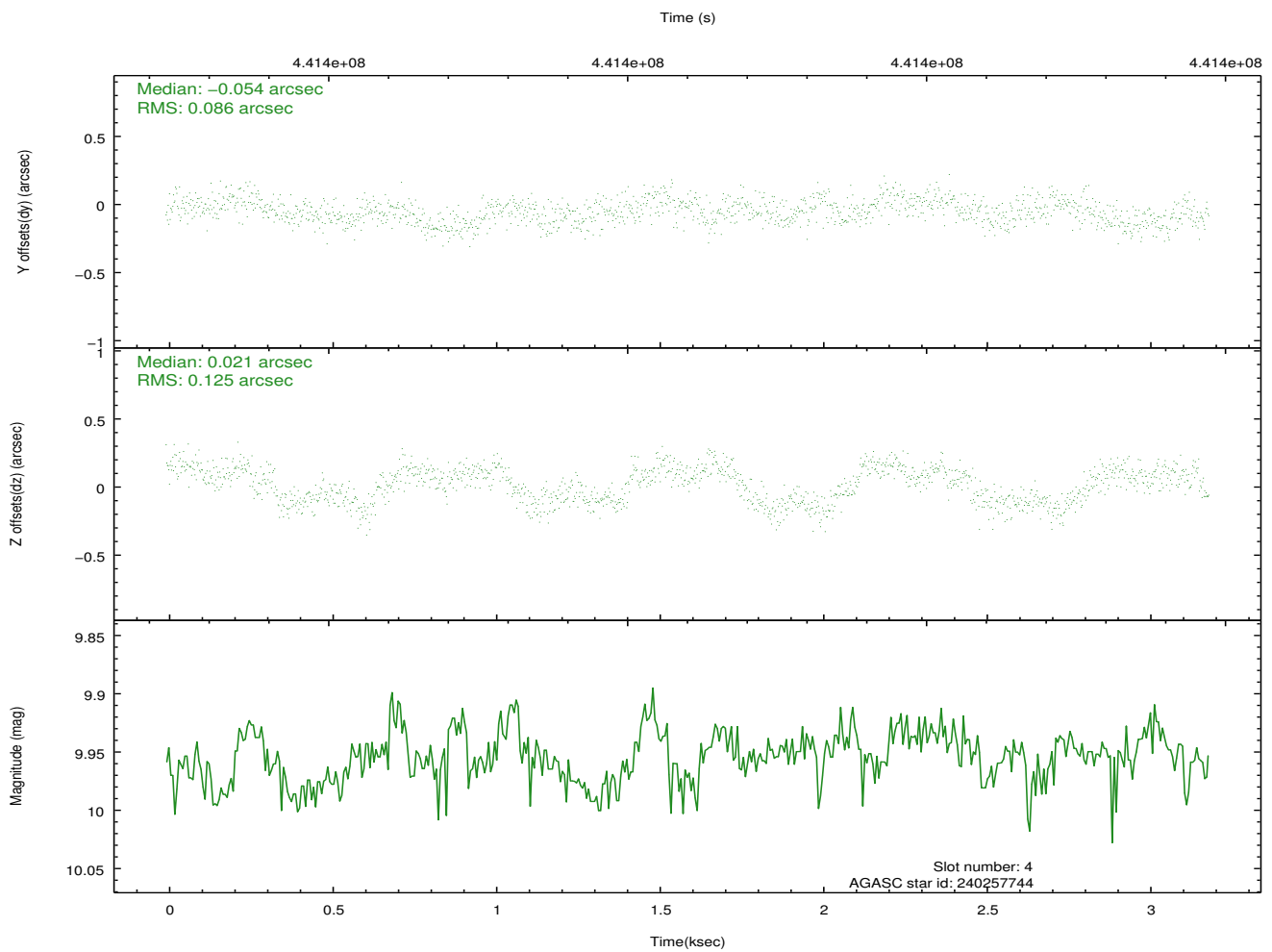
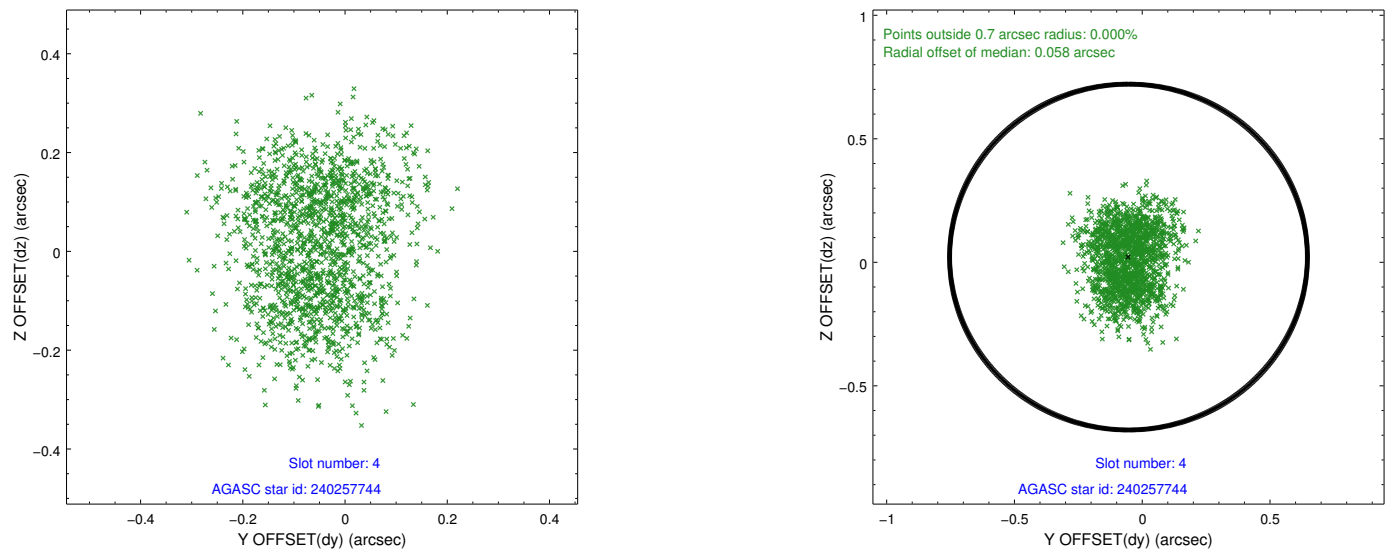
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	778	-0.128	-0.025	0.007	0.013	0.000000	0.000000	-773.52	-1740.98
1	FID	ACIS-S-4	6.99	778	0.255	0.068	0.005	0.010	0.000000	0.000000	2139.23	165.49
2	FID	ACIS-S-5	7.02	778	-0.158	-0.034	0.007	0.012	0.000000	0.000000	-1823.83	161.37
3	GUIDE	240257184	9.79	1546	0.083	0.022	0.210	0.343	68.667337	25.309119	2120.76	1622.53
4	GUIDE	240257744	9.95	1553	-0.054	0.021	0.164	0.259	68.732993	25.359775	1939.78	1836.97
5	GUIDE	240260568	10.04	1500	-0.242	-0.300	0.321	0.476	68.738938	25.619304	1005.03	1856.12
6	GUIDE	240262768	9.50	1548	0.164	0.014	0.182	0.260	67.530724	25.449416	1599.24	-2070.91
7	GUIDE	240780704	9.32	1553	0.020	0.252	0.174	0.250	67.945198	26.407108	-1838.30	-705.79

2.4 Star Slots

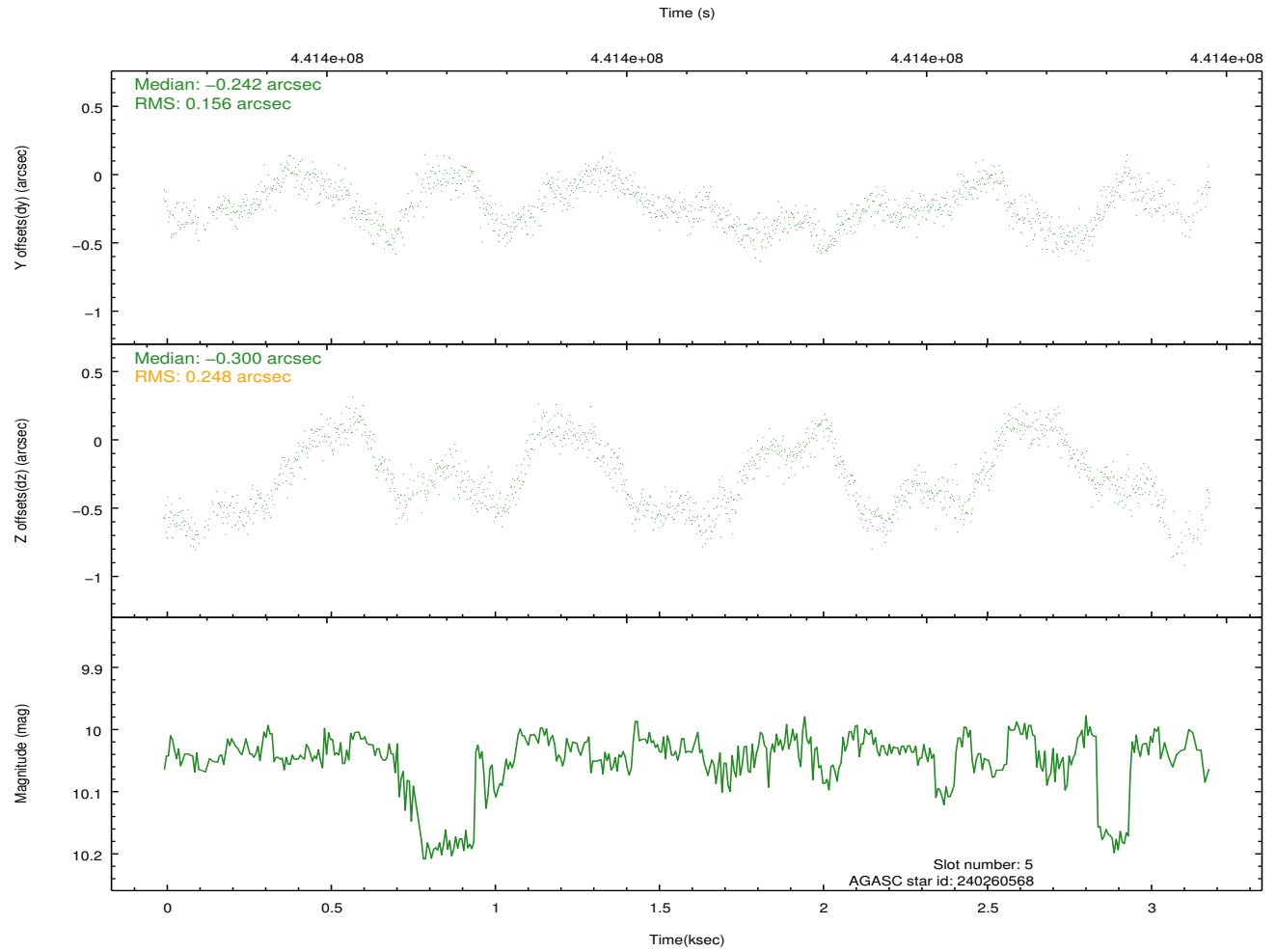
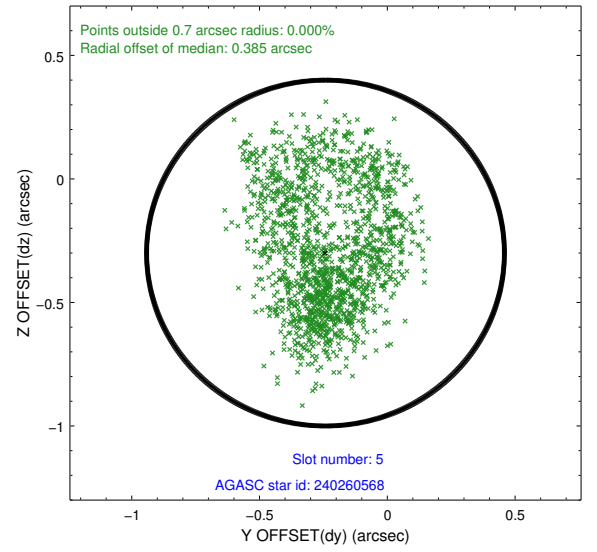
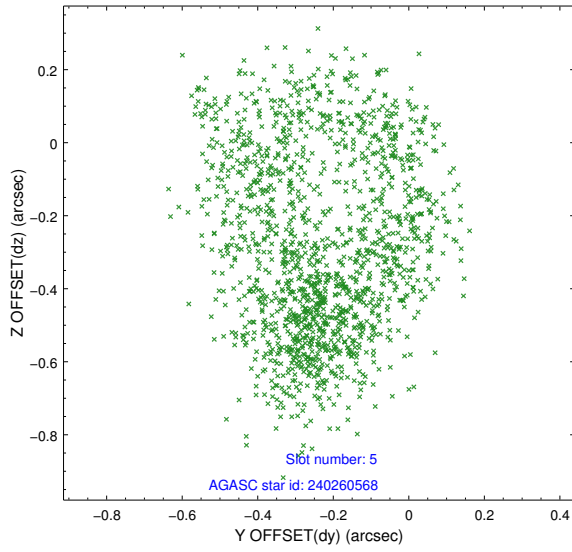
2.4.1 Slot 3



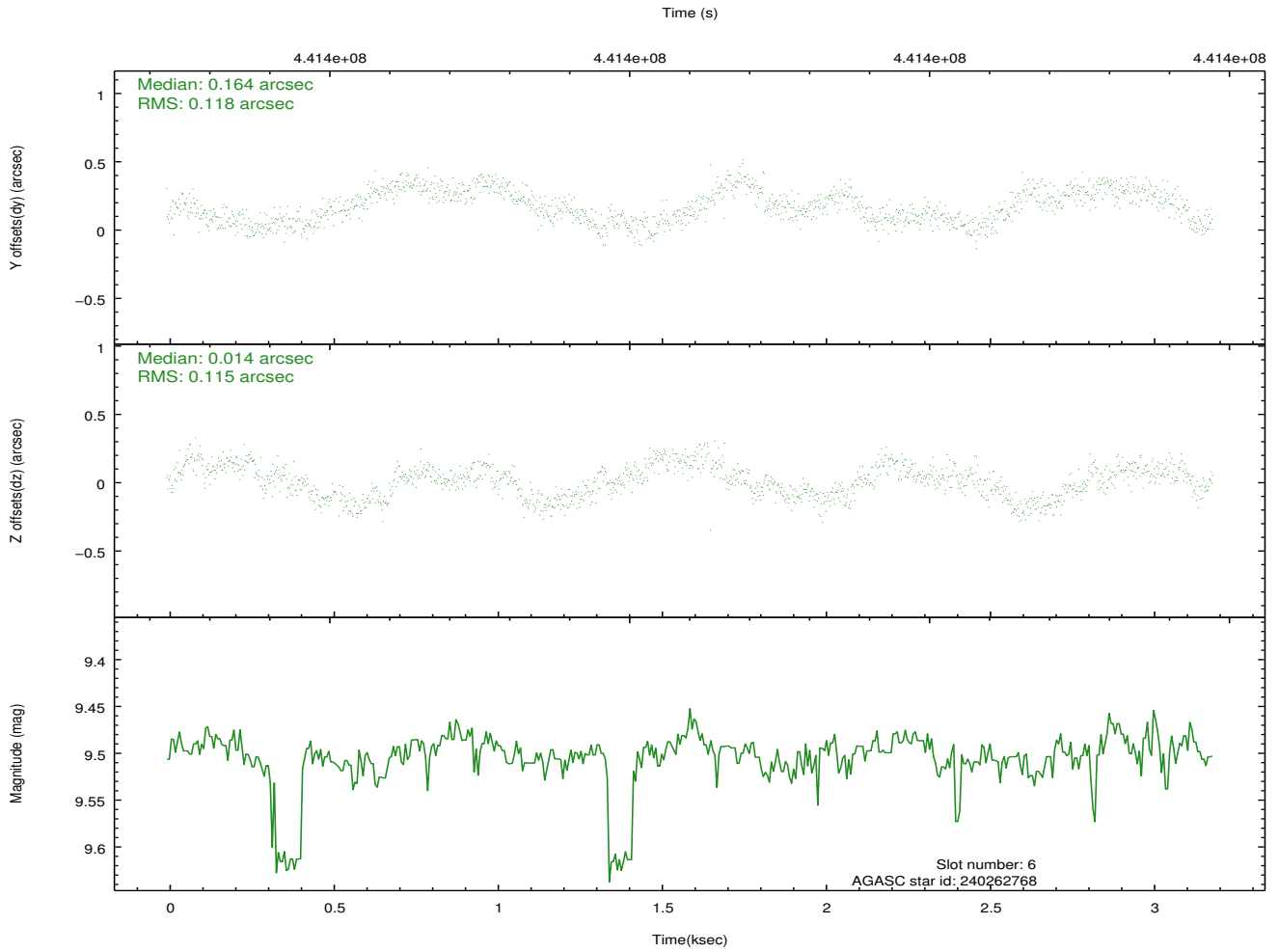
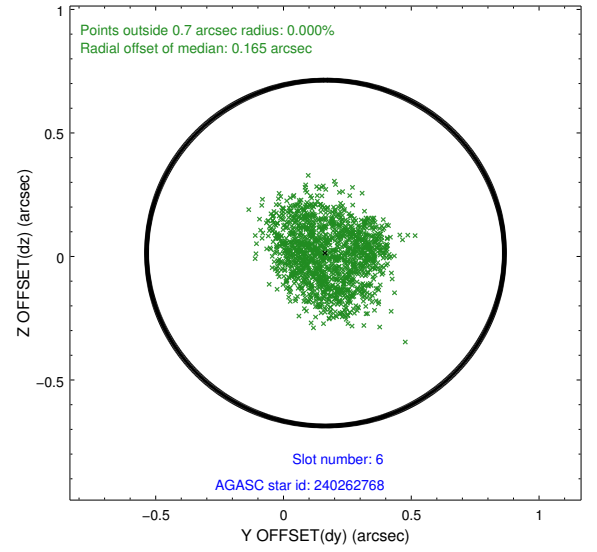
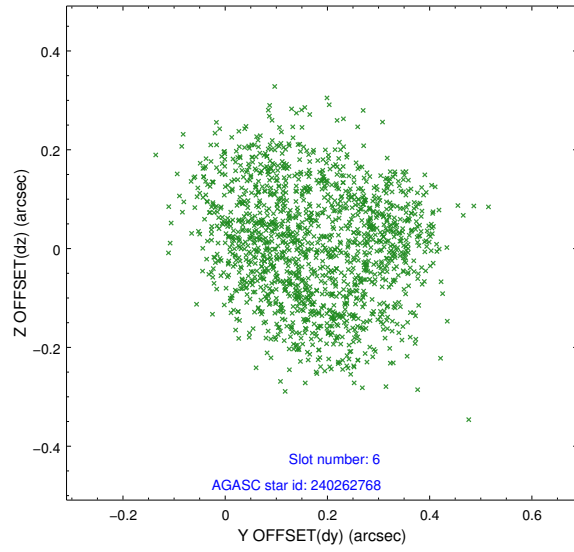
2.4.2 Slot 4



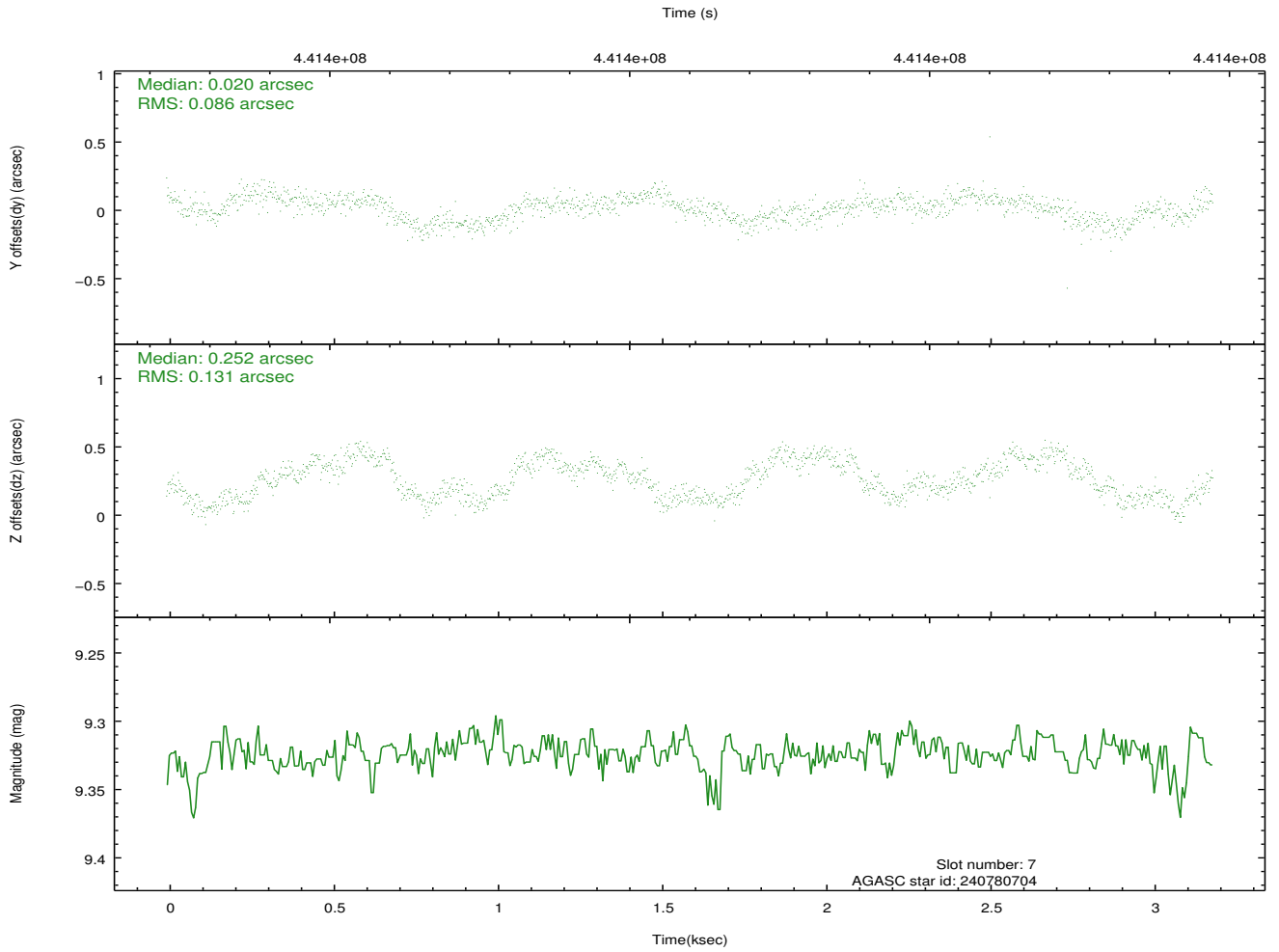
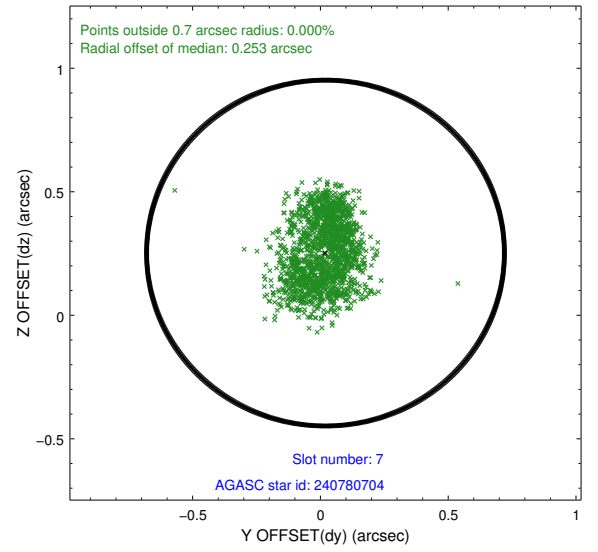
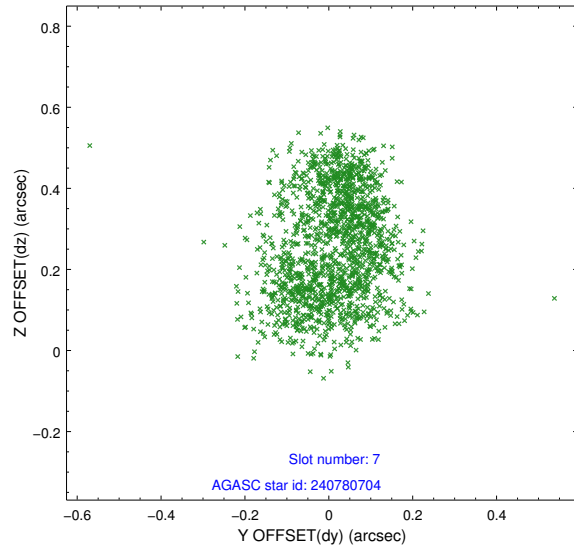
2.4.3 Slot 5



2.4.4 Slot 6

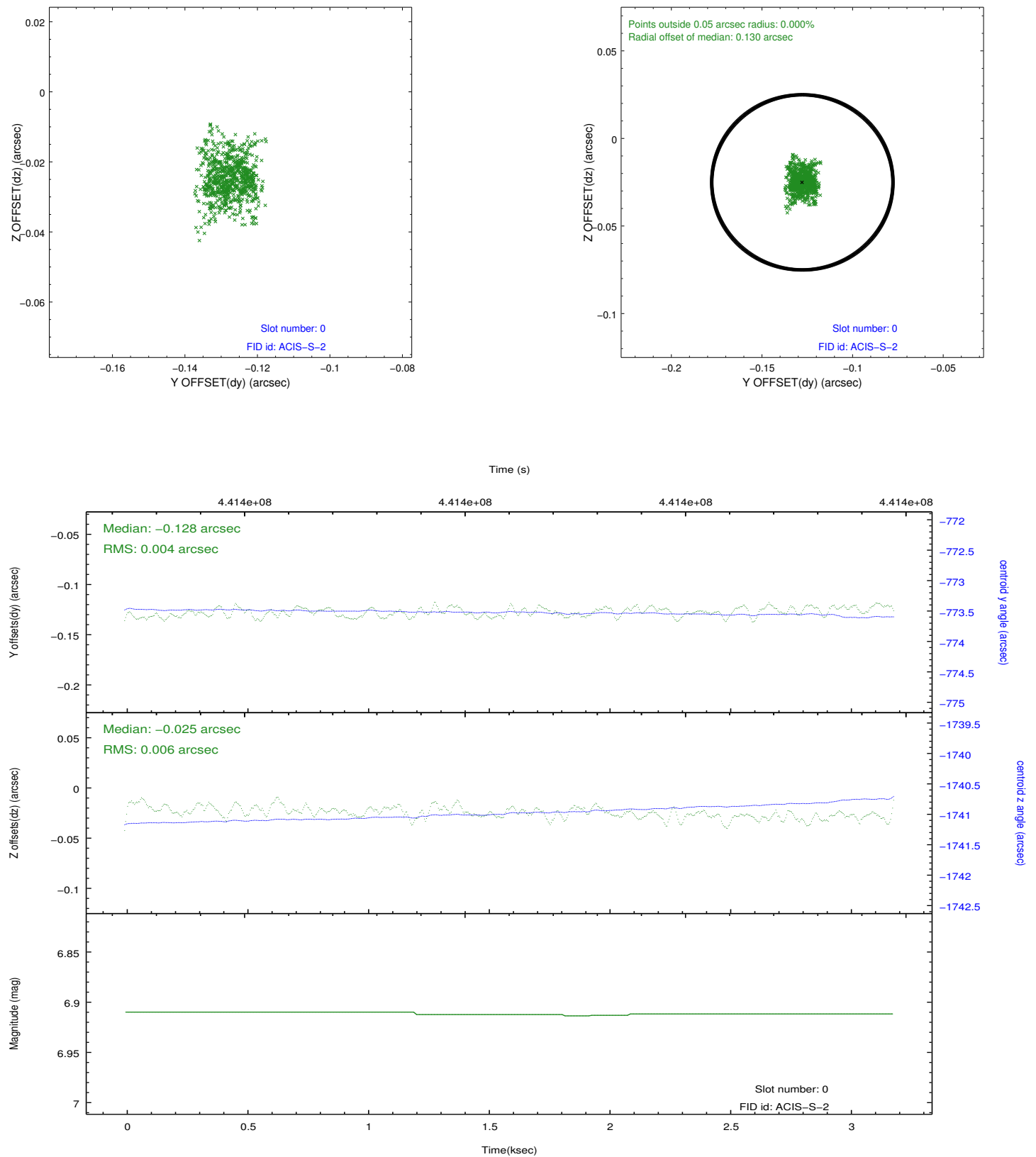


2.4.5 Slot 7

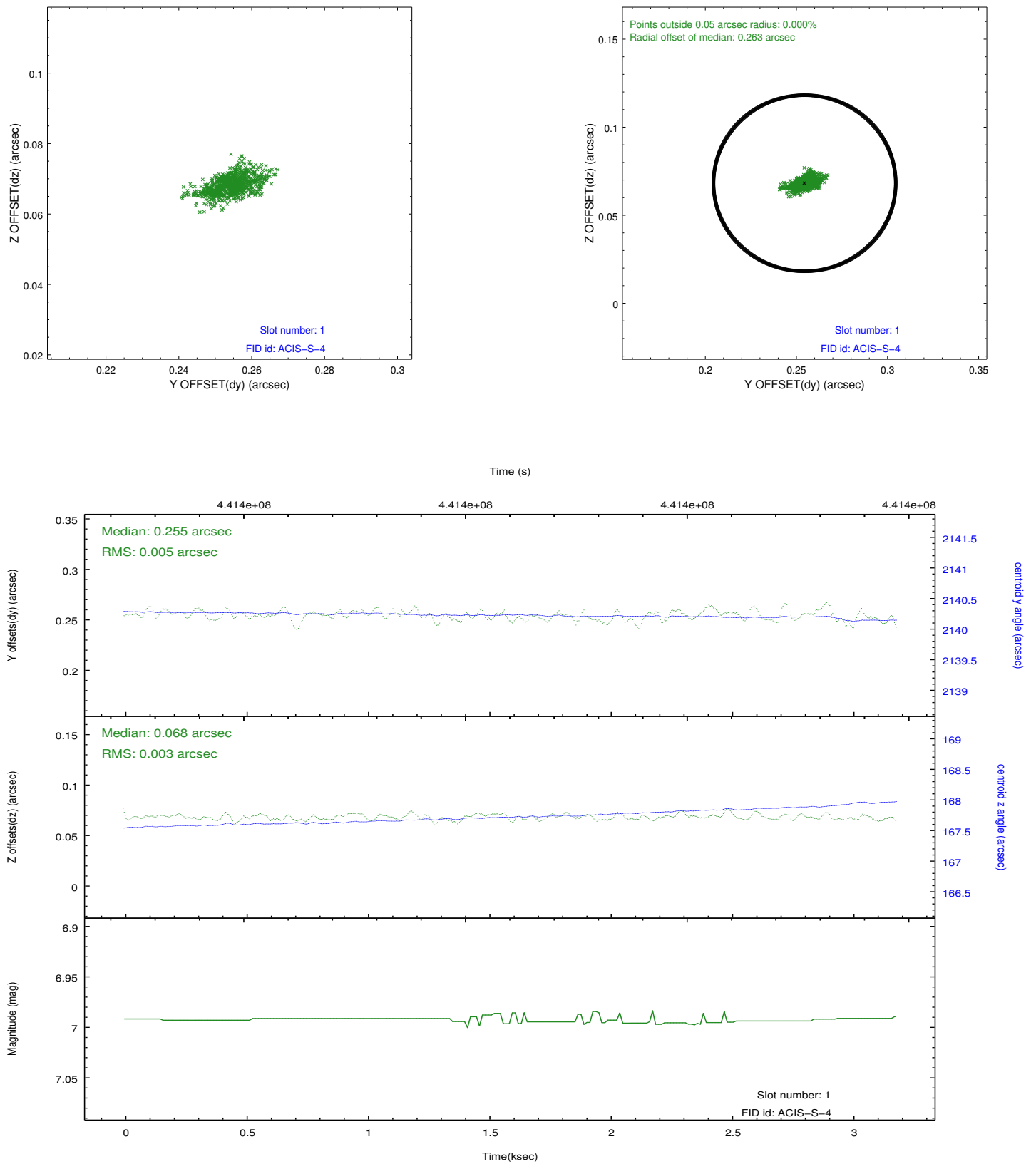


2.5 FID Slots

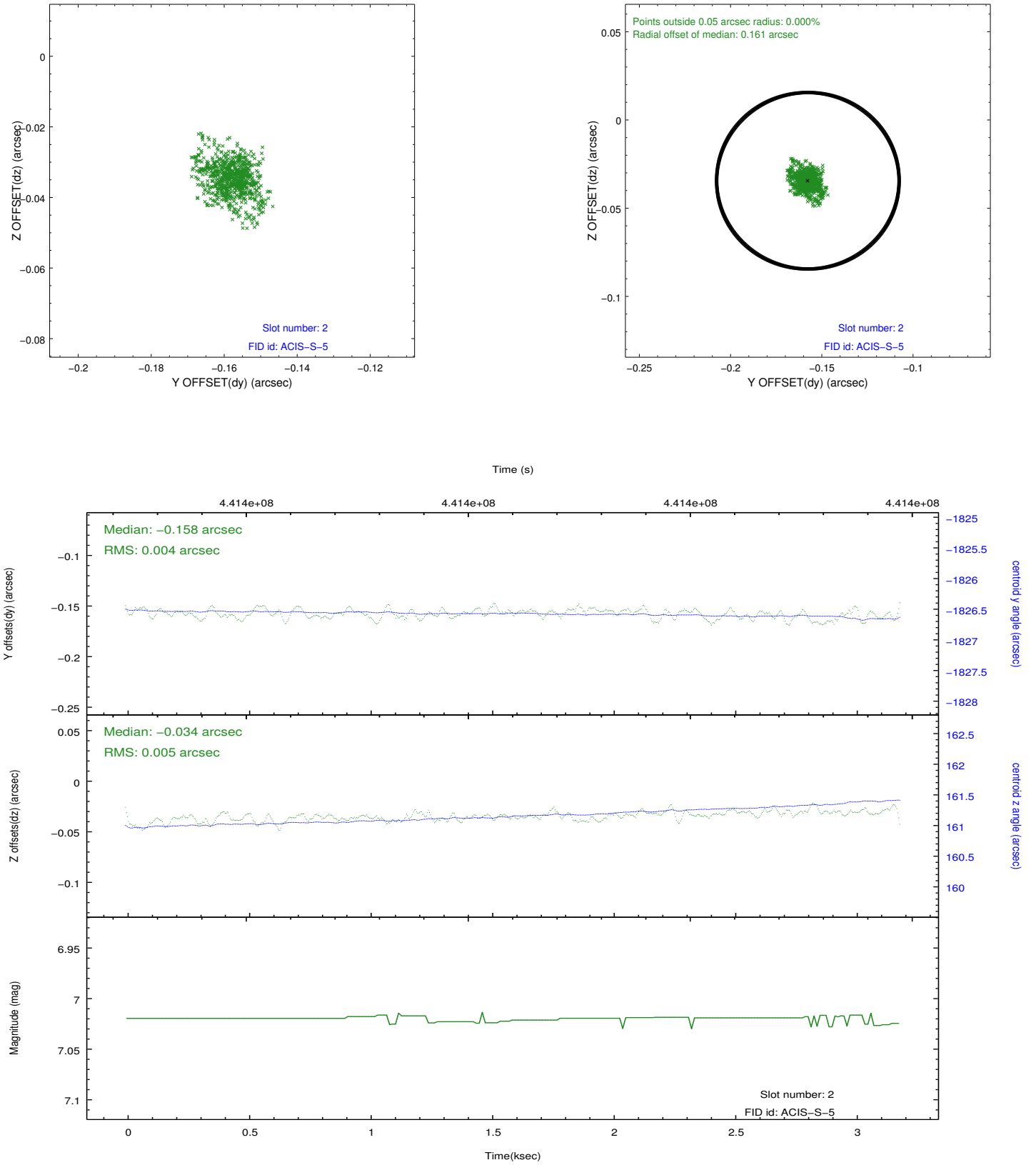
2.5.1 Slot 0



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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0091998206377

A.2 Comments