

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7740 - L2 Version 2
Chandra X-Ray Center

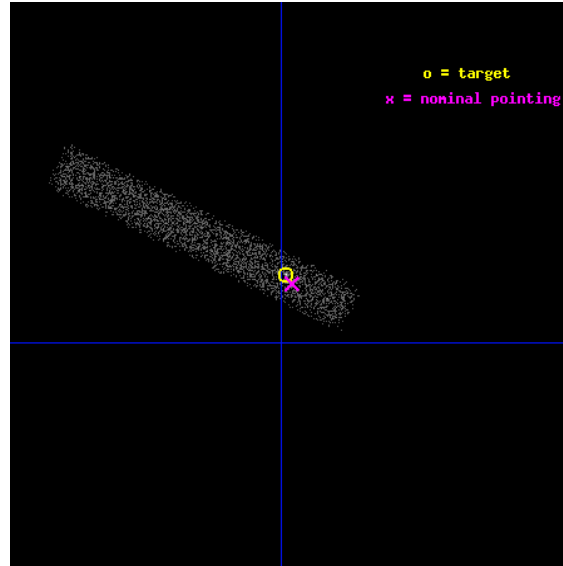
L2 Processing Date : Apr 27 2012

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1 Front

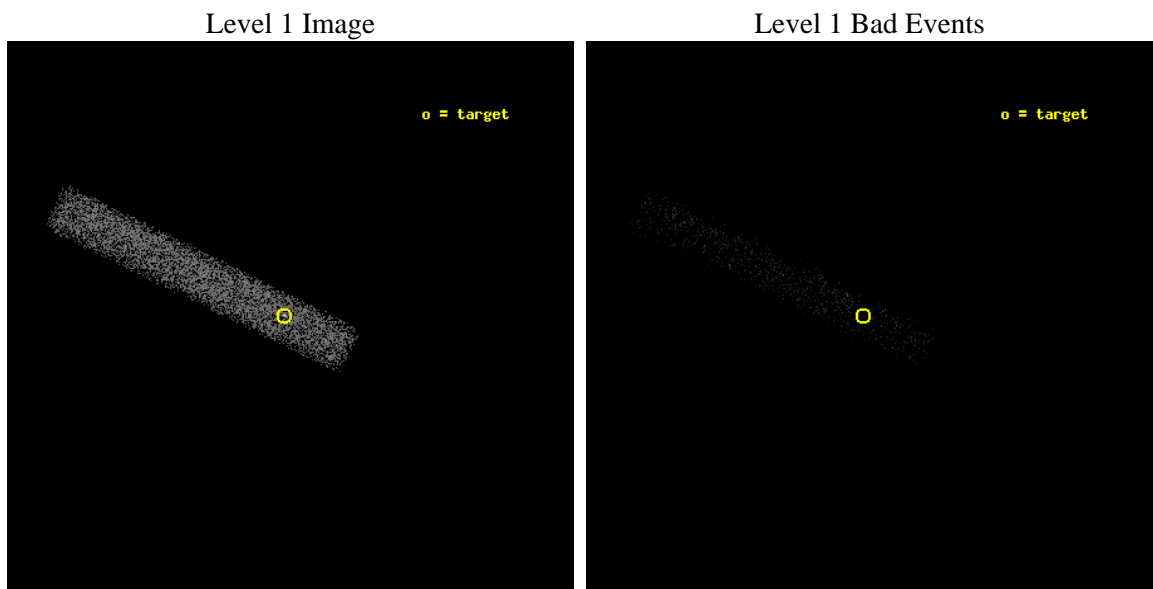
seq_num	701408	Sequence number
obs_id	7740	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes: Part II	
observer	Dr. Luis Ho	Principal investigator
object	SDSS J172759.15+542147.0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	261.99625	Observer's specified target RA [deg]
dec_targ	54.363056	Observer's specified target Dec [deg]
ra_nom	261.99204115483	Nominal RA [deg]
dec_nom	54.358950382845	Nominal Dec [deg]
roll_nom	205.9181321507	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5485.1996730566	Sum of GTIs [s]
livetime	4974.7865708839	Livetime [s]
ontime7	5485.1996730566	Sum of GTIs [s]
l2events	4532	Number of level 2 events



2 OBI

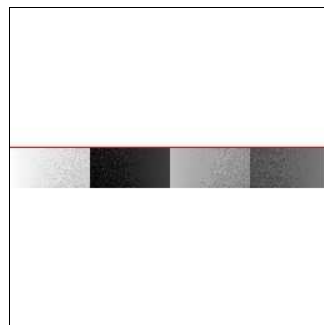
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5300.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5485.1996730566	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5485.1996730566	Sum of GTIs [s]
date	2012-04-28T00:12:40	Date and time of file creation	l1events	11053	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

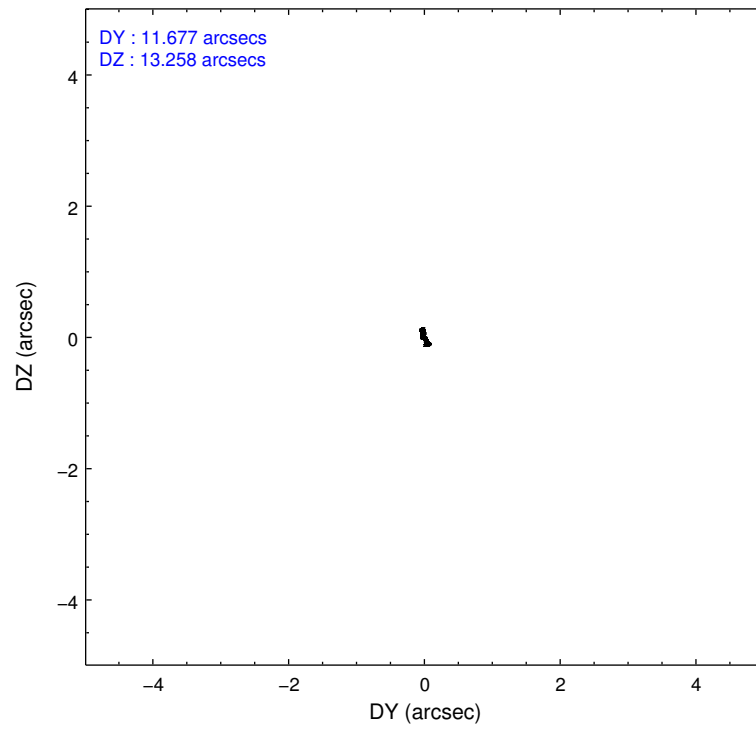
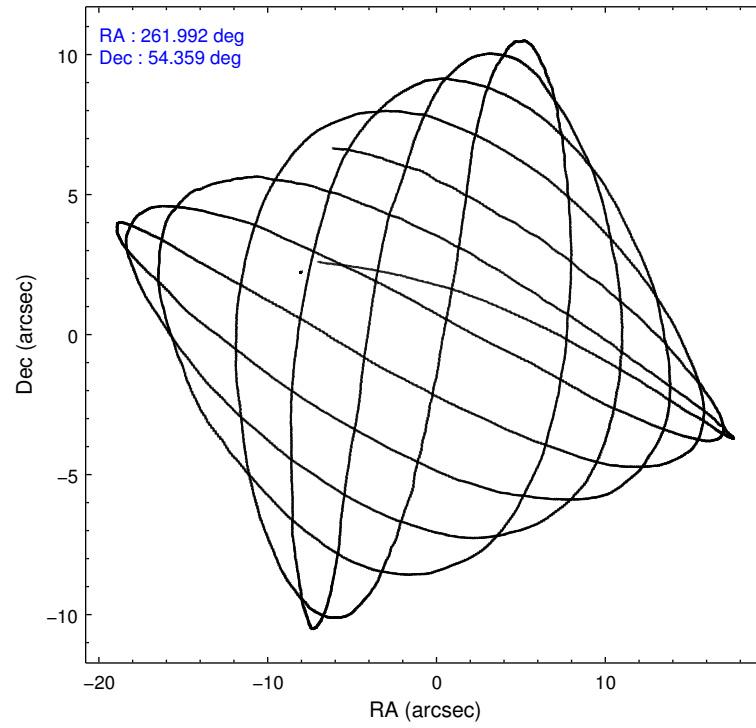
	ccd 7
level 1 events	11053
rejected events	6344
rejected %	57%

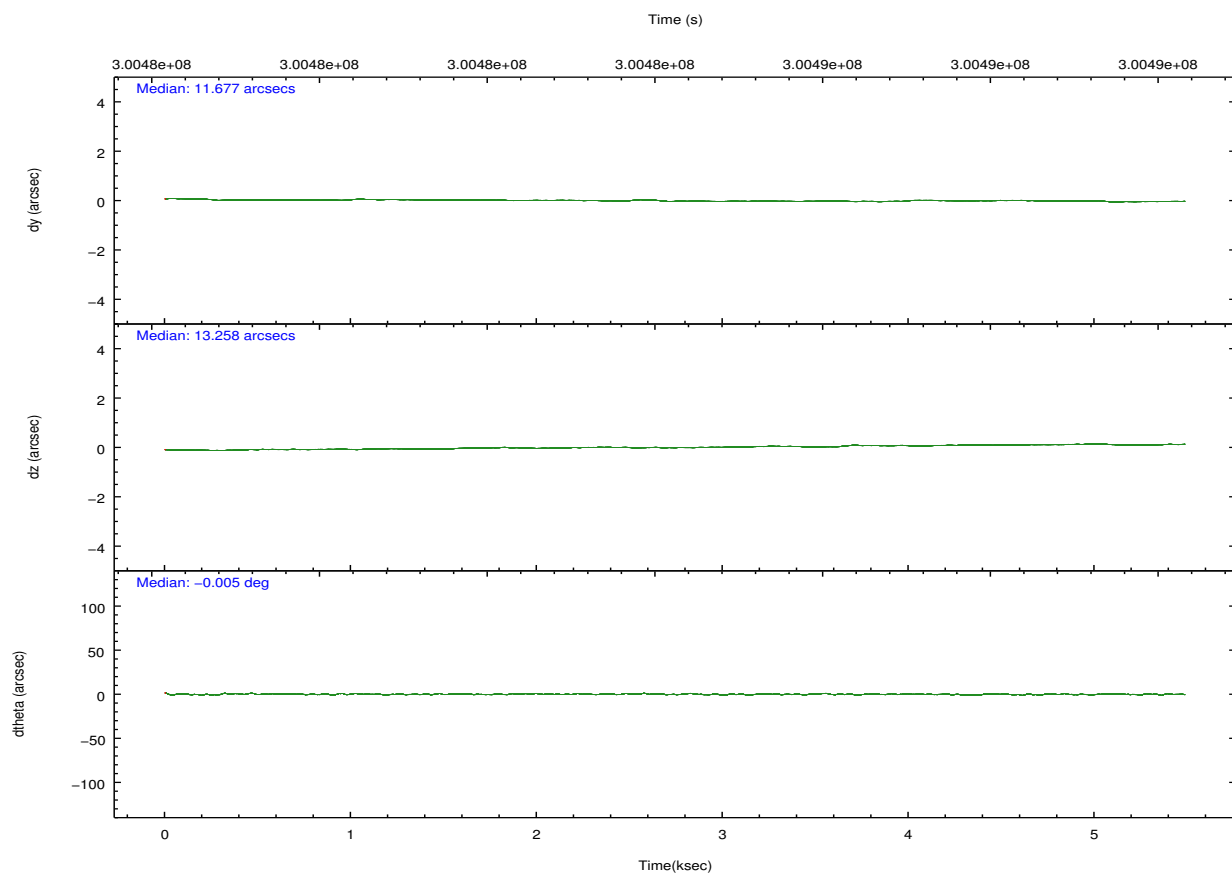
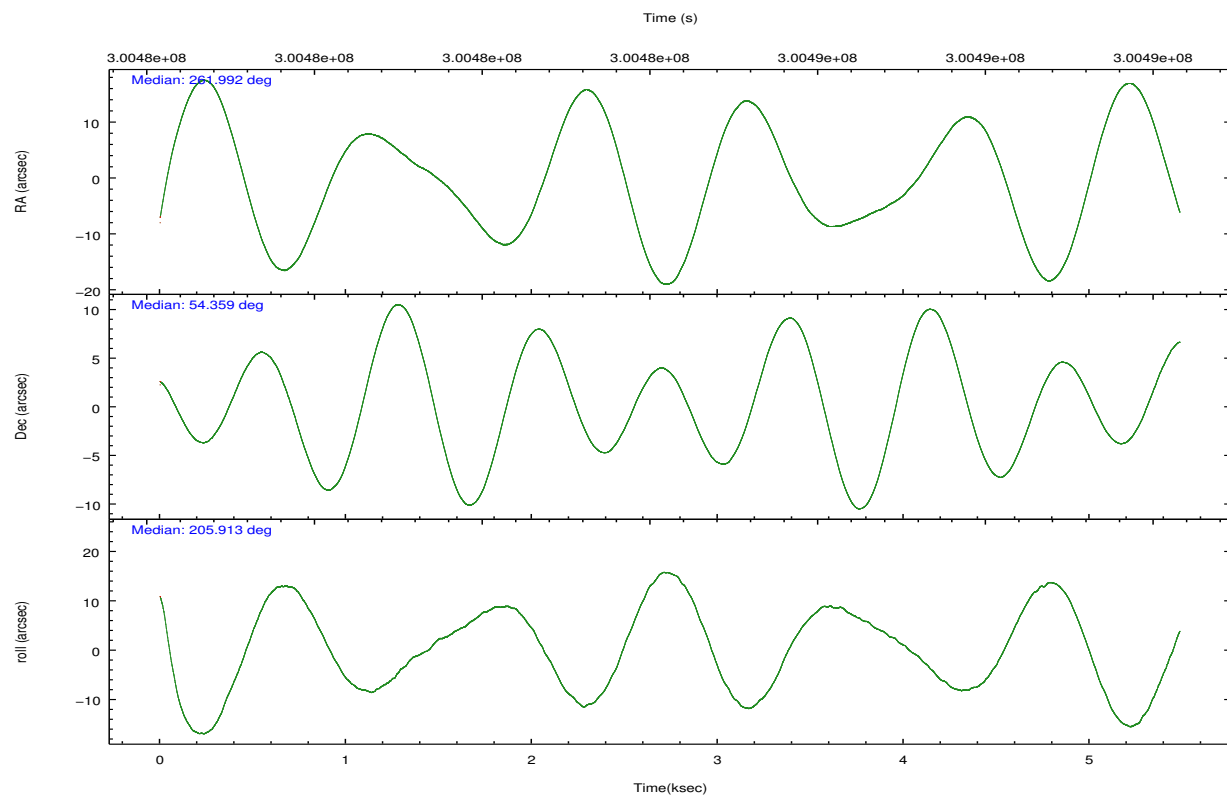
	ccd 7
grade 0 events	578
	5%
grade 1 events	6
	0%
grade 2 events	974
	8%
grade 3 events	665
	6%
grade 4 events	635
	5%
grade 5 events	963
	8%
grade 6 events	2371
	21%
grade 7 events	4861
	43%

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	262.017565	261.992041154831	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	54.381822	54.35895038284539	Subarray start row	449	449
[deg] Pointing Roll	205.740753	205.9181321506986	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	300482559.184000	300481613.29034			
Observation start date	2007-07-10T19:21:34	2007-07-10T19:06:53			
[s] Observation end time (MET)	300487859.184000	300488732.94068			
Observation end date	2007-07-10T20:49:54	2007-07-10T21:05:32			
Read mode	TIMED	TIMED			

2.3 Aspect



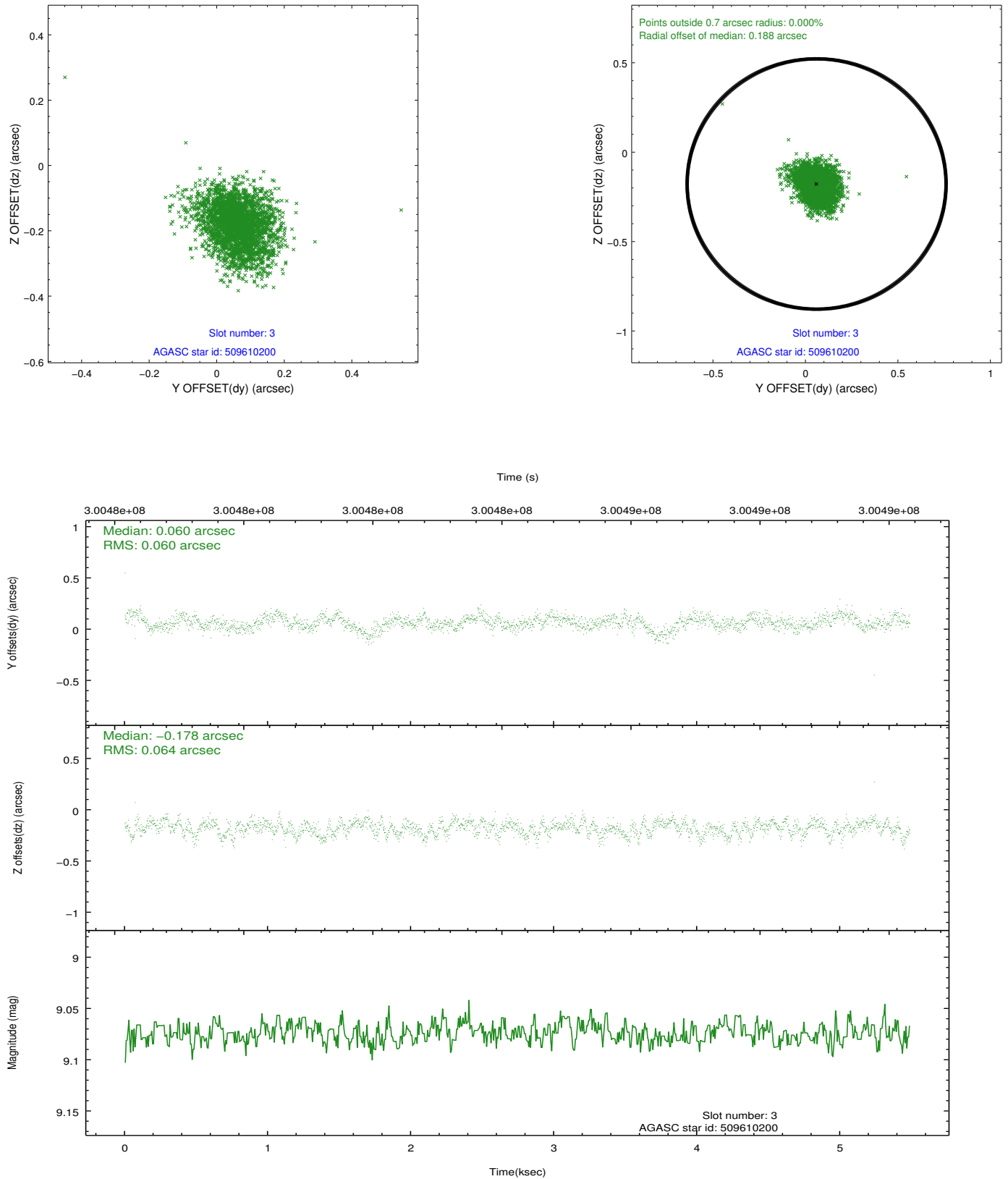


Slot Statistics

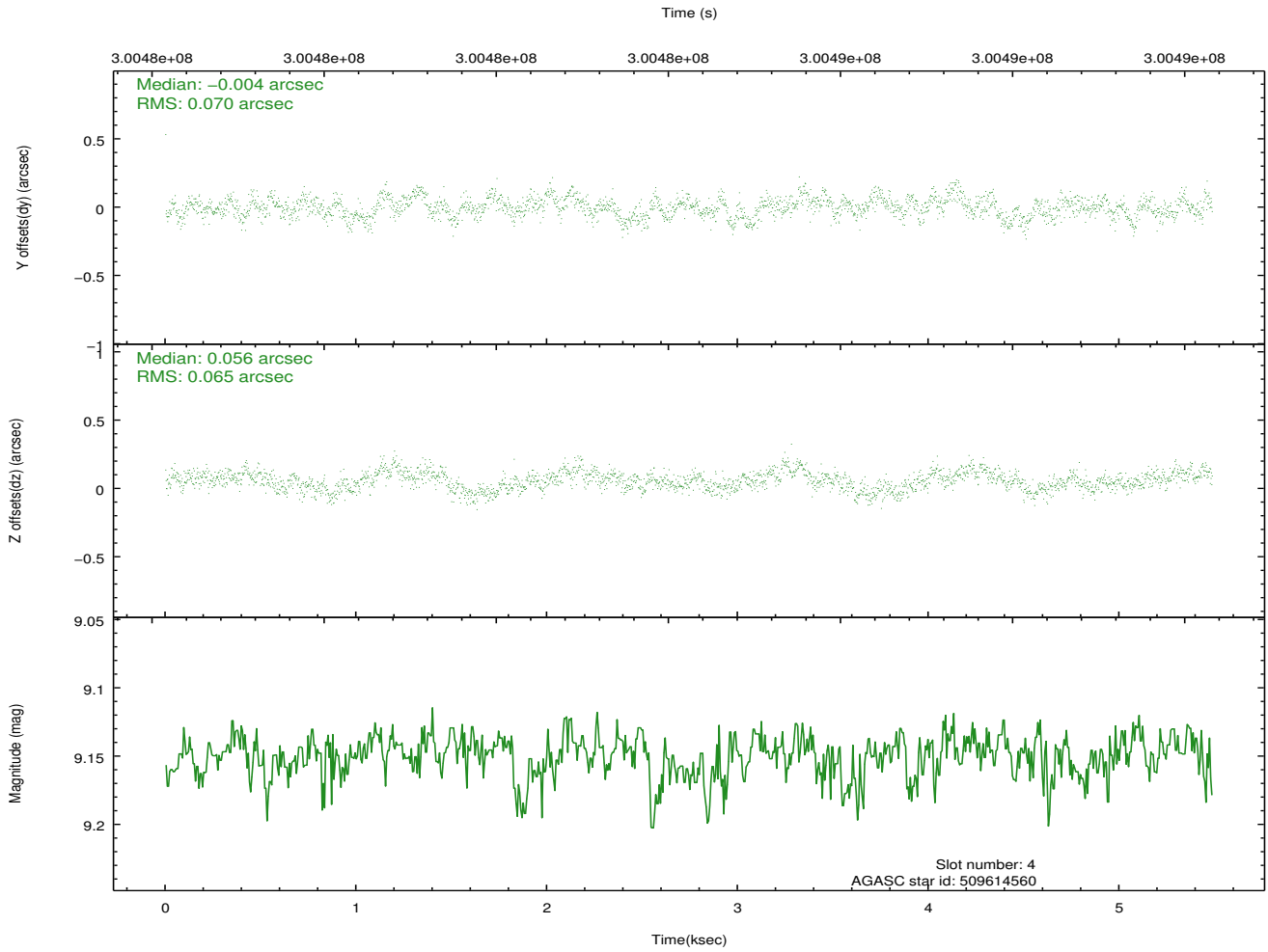
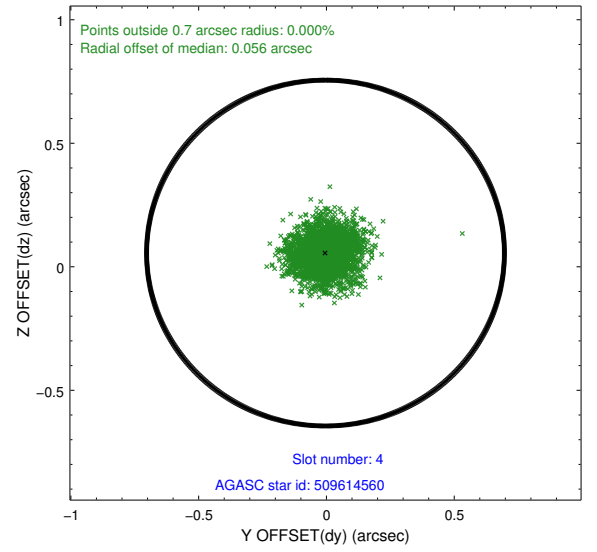
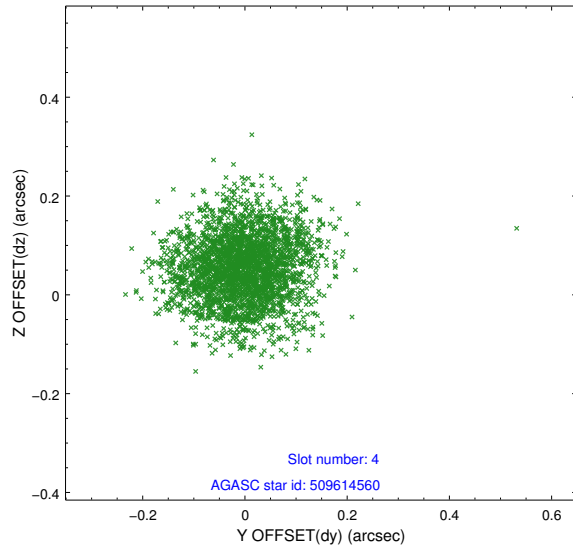
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1339	0.092	-0.055	0.007	0.014	0.000000	0.000000	931.55	-1730.29
1	FID	ACIS-S-5	7.23	1339	-0.122	0.070	0.006	0.010	0.000000	0.000000	-1817.02	166.29
2	FID	ACIS-S-6	7.33	1339	0.008	-0.004	0.007	0.013	0.000000	0.000000	395.87	811.39
3	GUIDE	509610200	9.07	2673	0.060	-0.178	0.091	0.149	261.966697	54.352433	142.88	48.74
4	GUIDE	509614560	9.15	2673	-0.004	0.056	0.103	0.163	260.984533	54.364886	1972.14	-900.13
5	GUIDE	509620912	7.92	2677	-0.010	-0.010	0.064	0.099	262.954750	54.366324	-1751.07	891.45
6	GUIDE	510134224	9.16	2675	0.014	0.111	0.087	0.137	262.364298	54.654067	-1076.56	-570.44
7	GUIDE	509620192	7.60	2675	-0.069	0.031	0.067	0.119	262.861977	54.355780	-1559.30	843.78

2.4 Star Slots

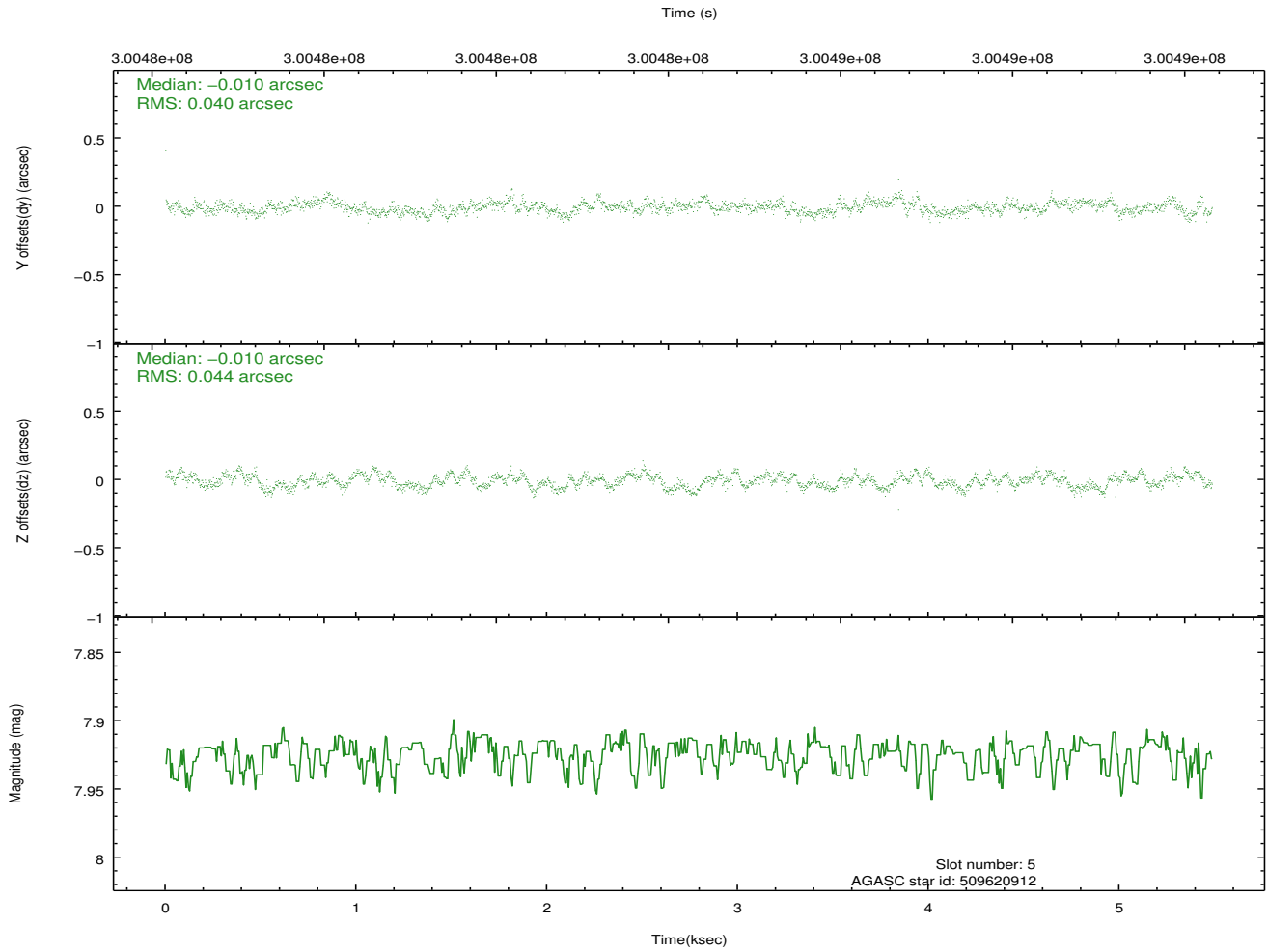
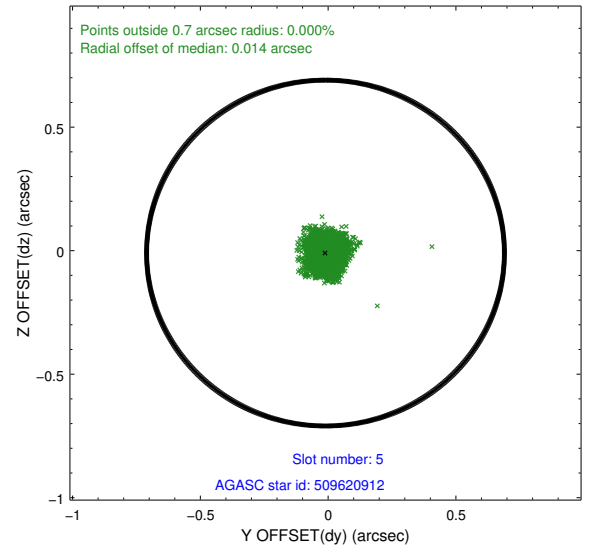
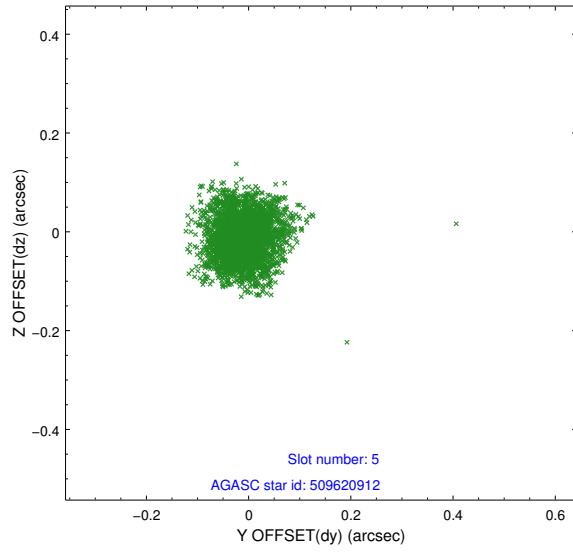
2.4.1 Slot 3



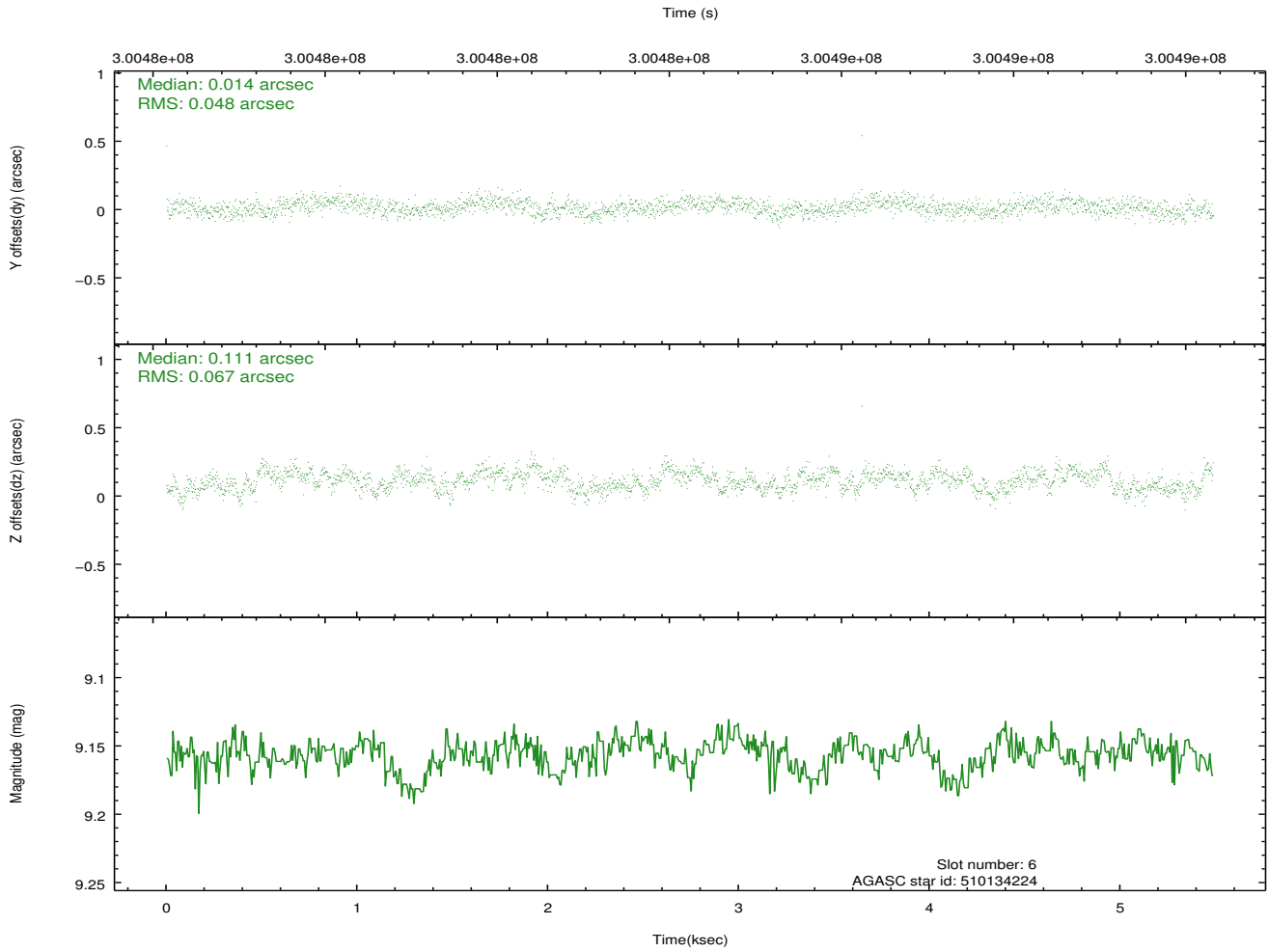
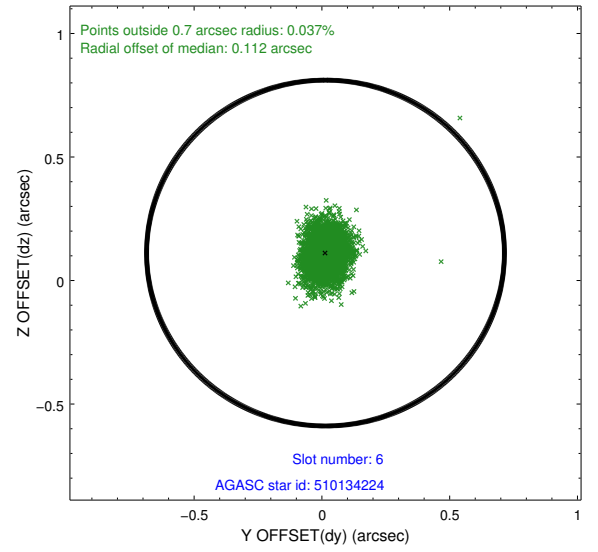
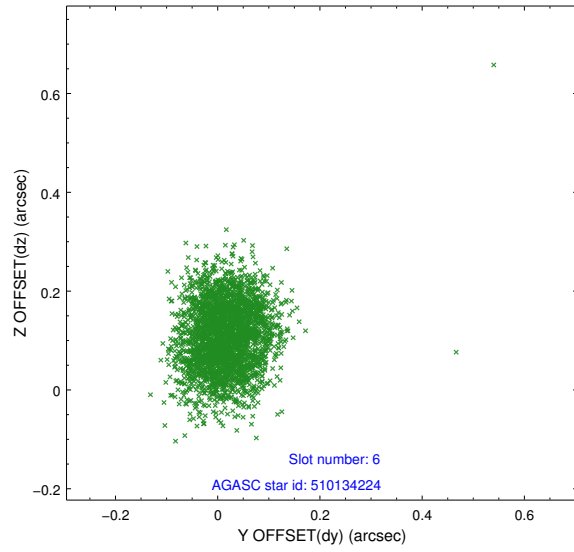
2.4.2 Slot 4



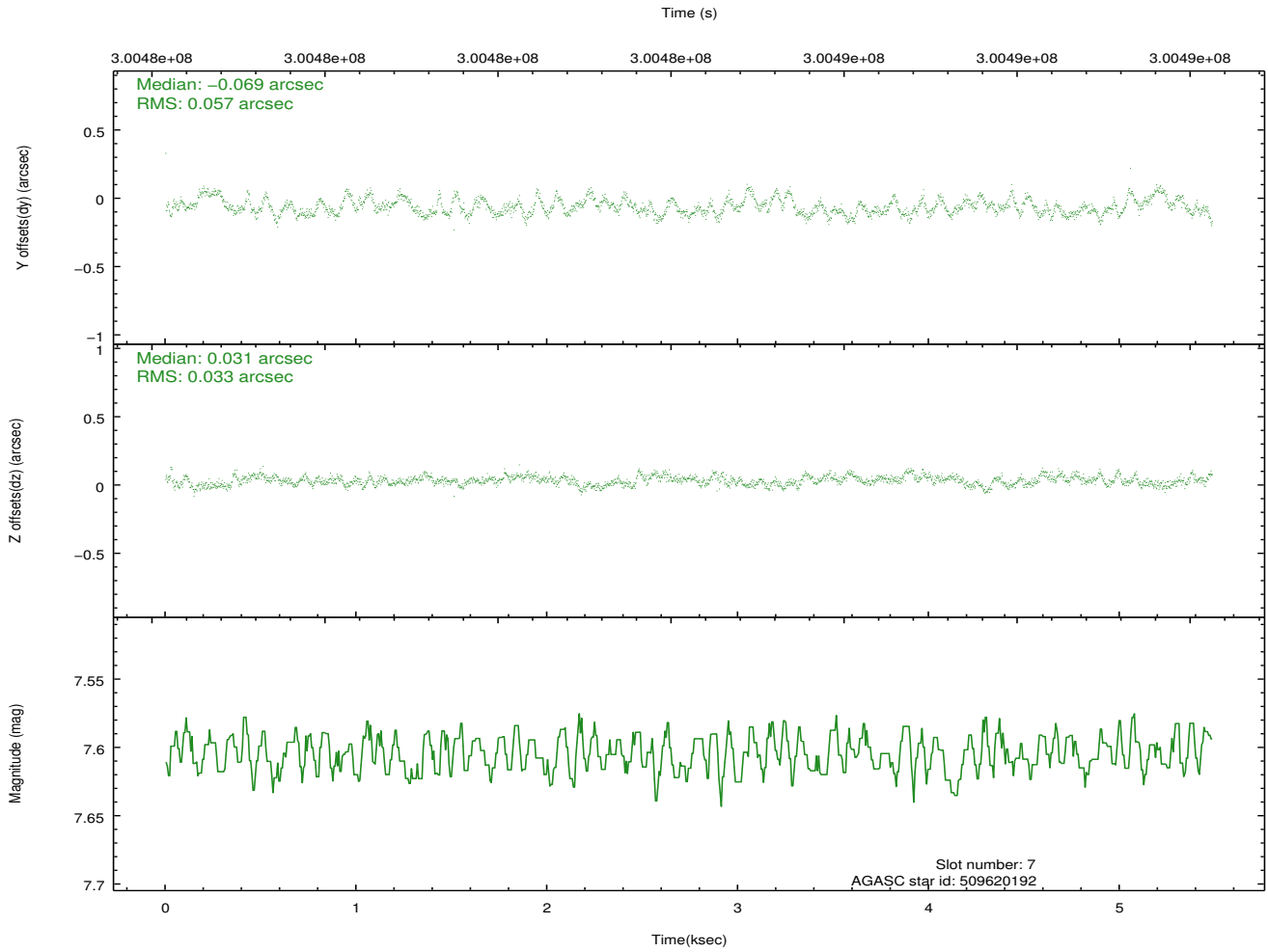
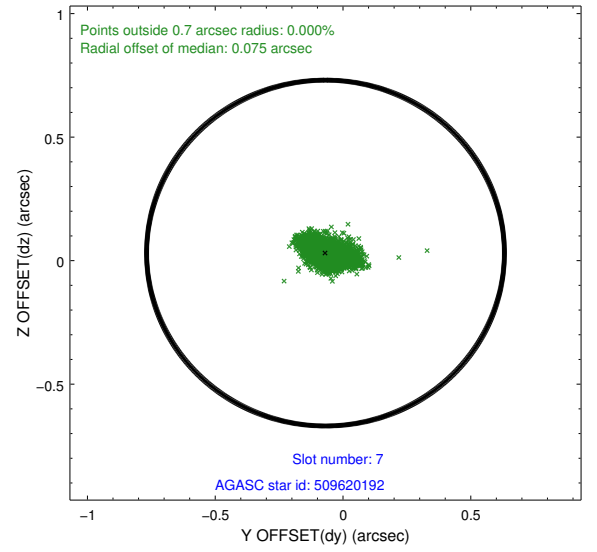
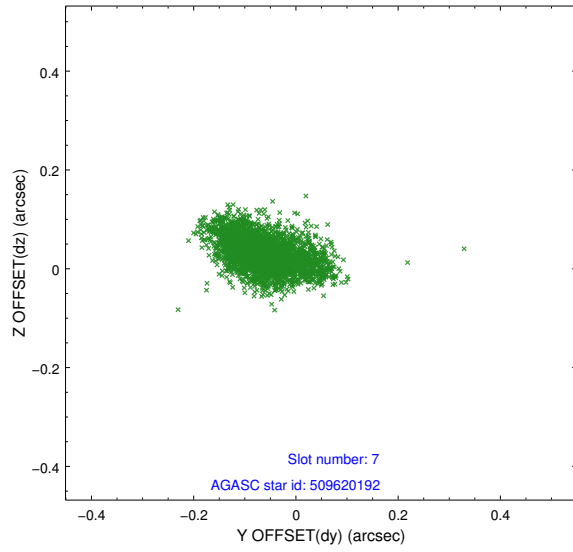
2.4.3 Slot 5



2.4.4 Slot 6

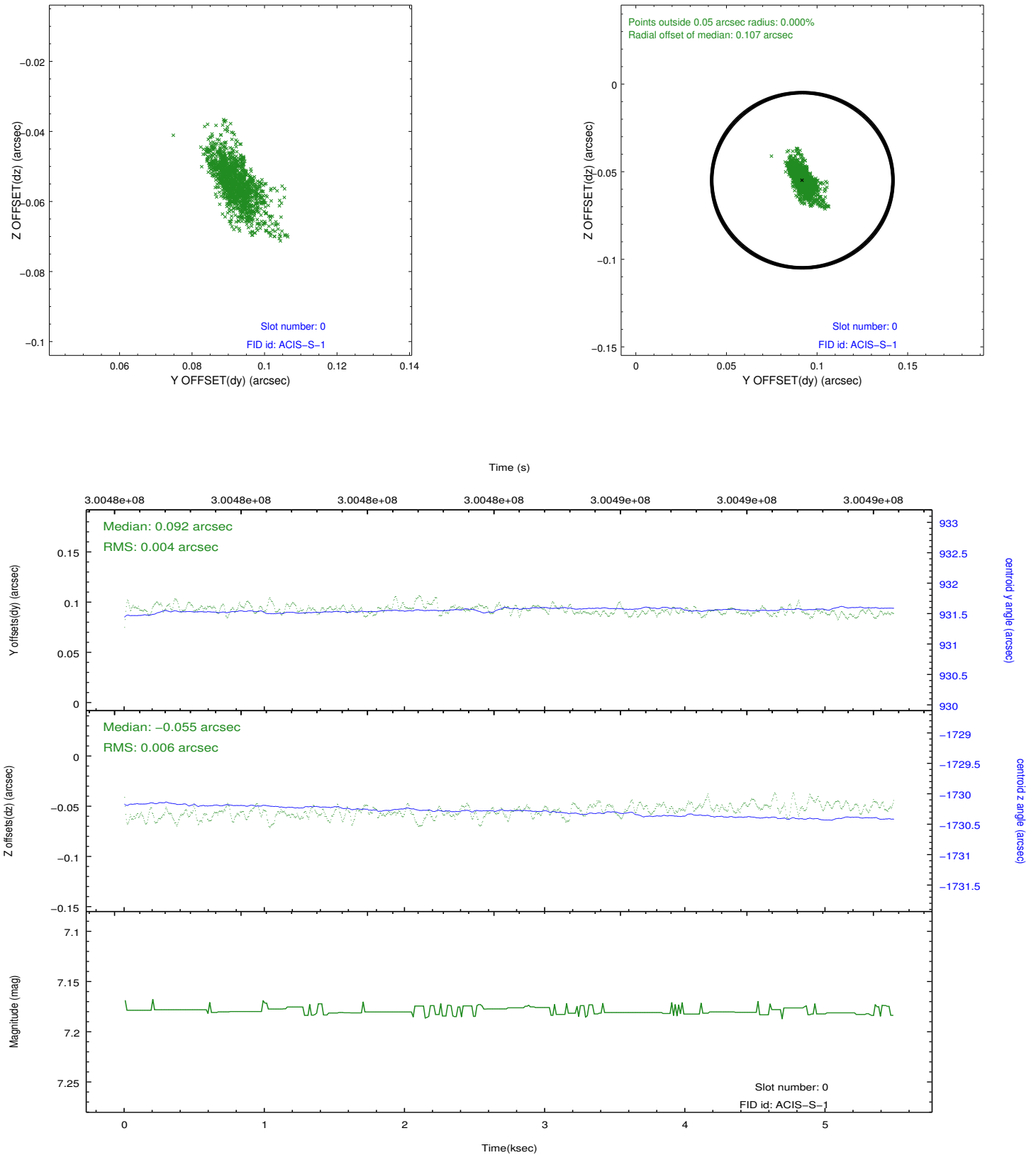


2.4.5 Slot 7

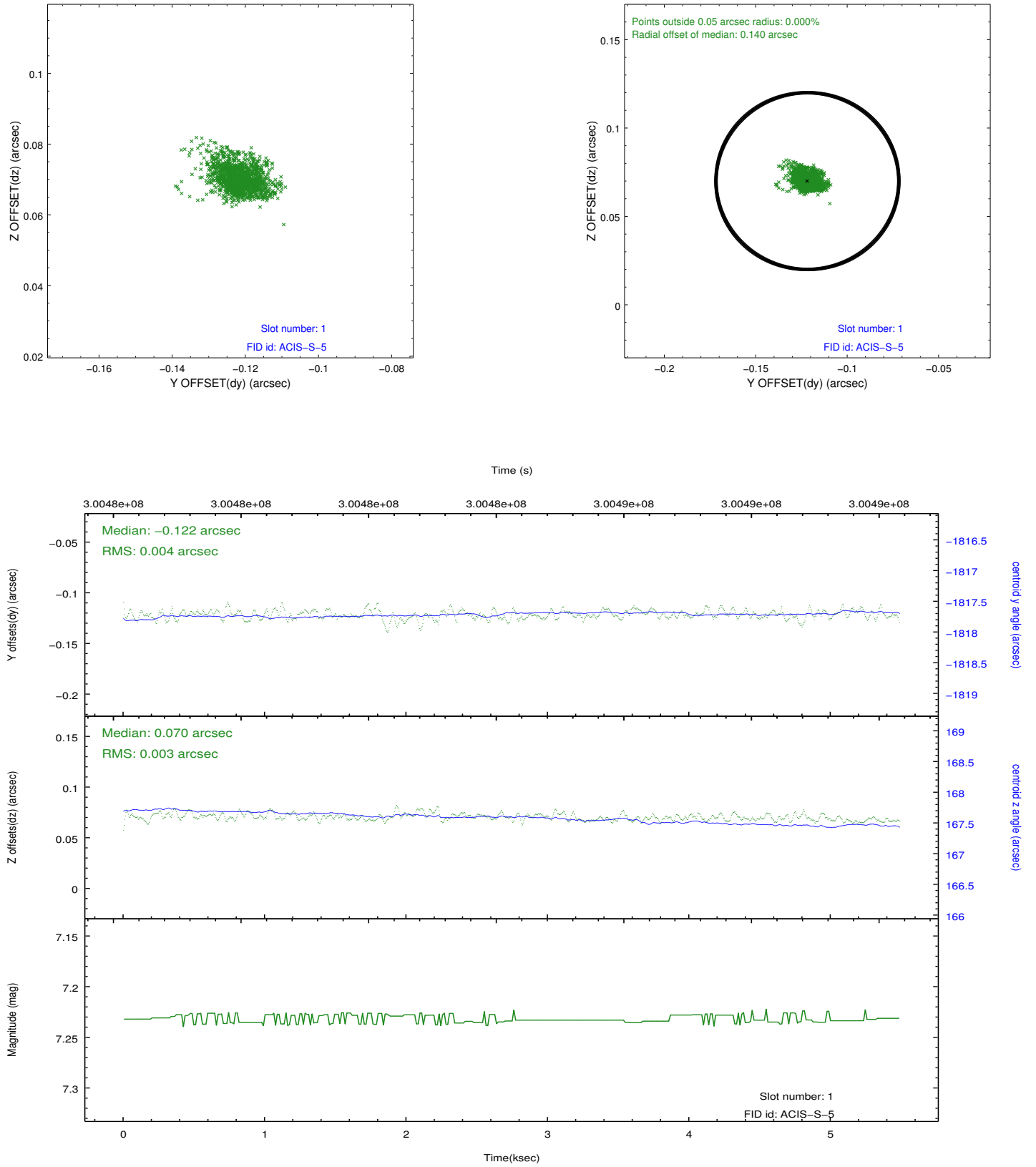


2.5 FID Slots

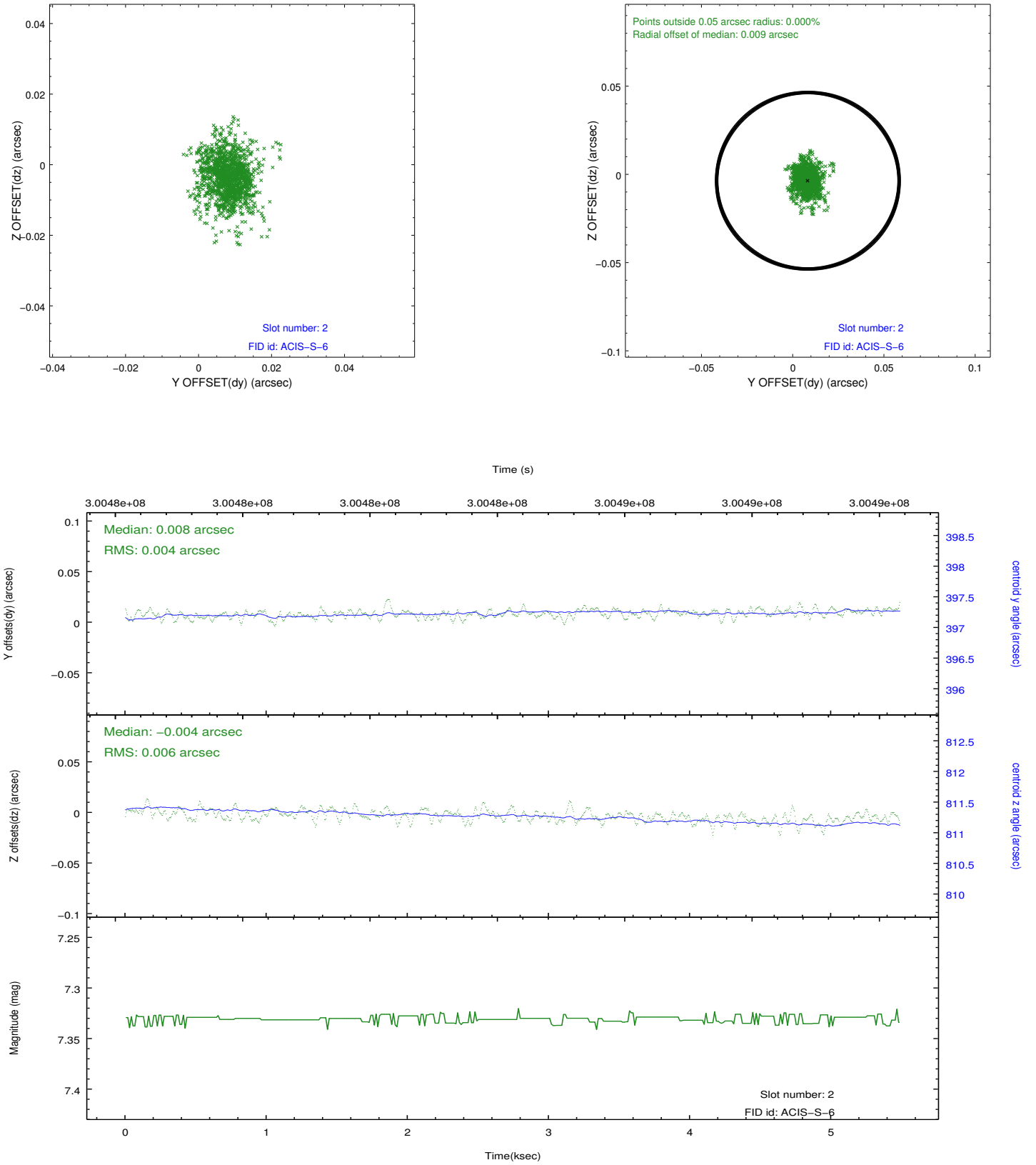
2.5.1 Slot 0



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)	2012.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.48519967

A.2 Comments