

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 13268 - L2 Version 1
Chandra X-Ray Center

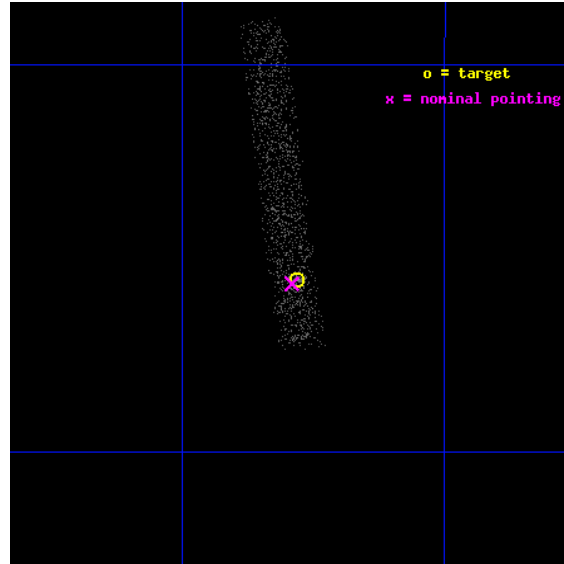
L2 Processing Date : Jul 9 2012

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1 Front

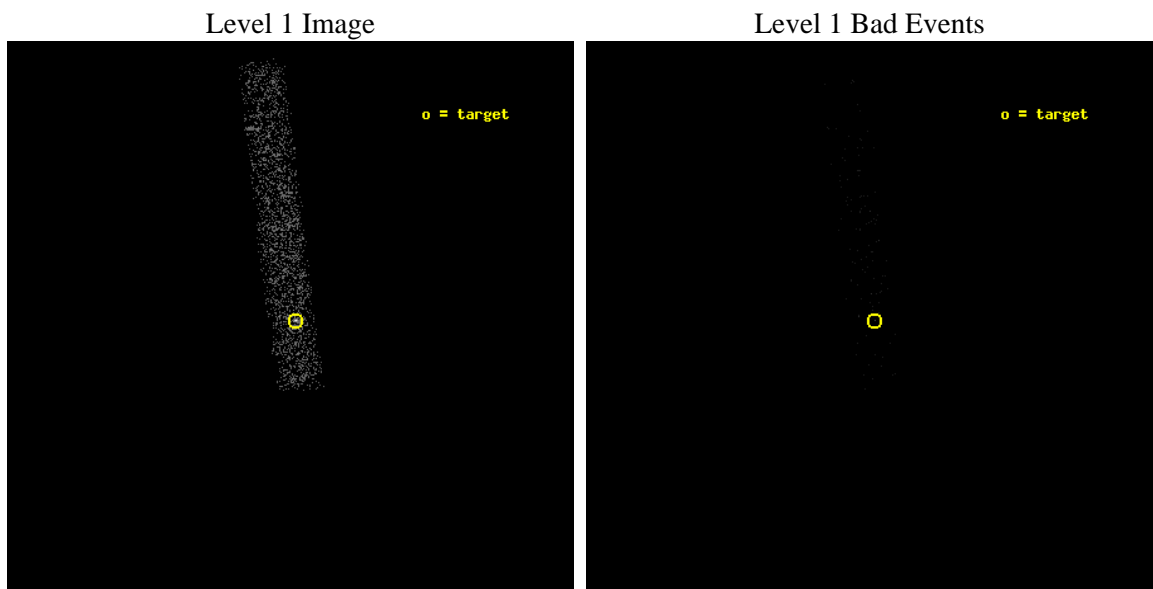
seq_num	200738	Sequence number
obs_id	13268	Observation id
title	A Search for X-ray Emission from Colliding Magnetospheres in Young Eccentric Stellar Binaries (GTO part)	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	RXJ1622.7-2325_P1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	245.695	Observer's specified target RA [deg]
dec_targ	-23.425861	Observer's specified target Dec [deg]
ra_nom	245.69771956956	Nominal RA [deg]
dec_nom	-23.427862961558	Nominal Dec [deg]
roll_nom	263.01846543601	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3070.639010191	Sum of GTIs [s]
livetime	2784.9075006267	Livetime [s]
ontime7	3070.639010191	Sum of GTIs [s]
l2events	1957	Number of level 2 events



2 OBI

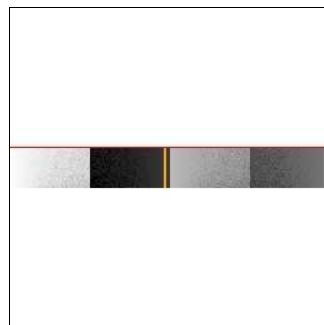
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3070.639010191	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	3070.639010191	Sum of GTIs [s]
date	2012-07-09T18:06:58	Date and time of file creation	l1events	3231	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

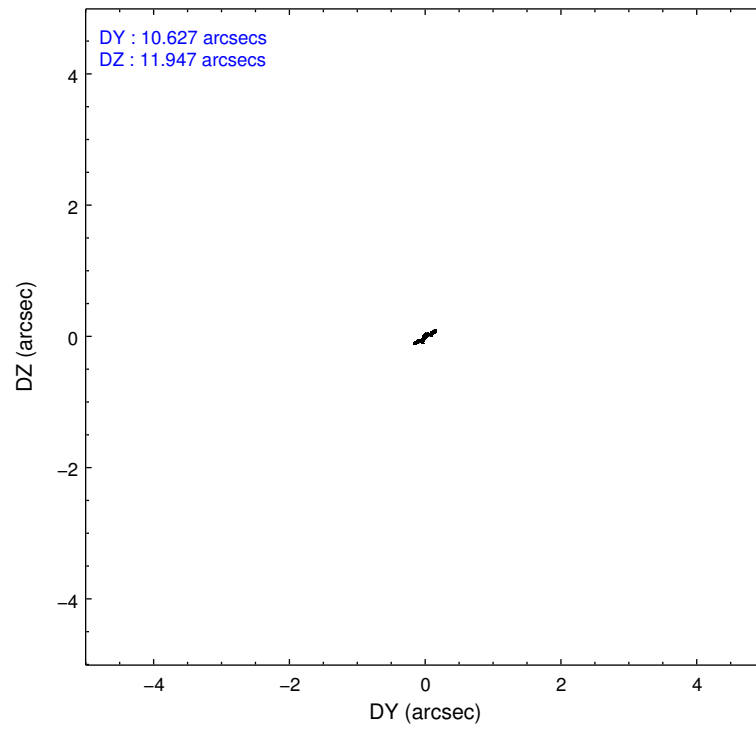
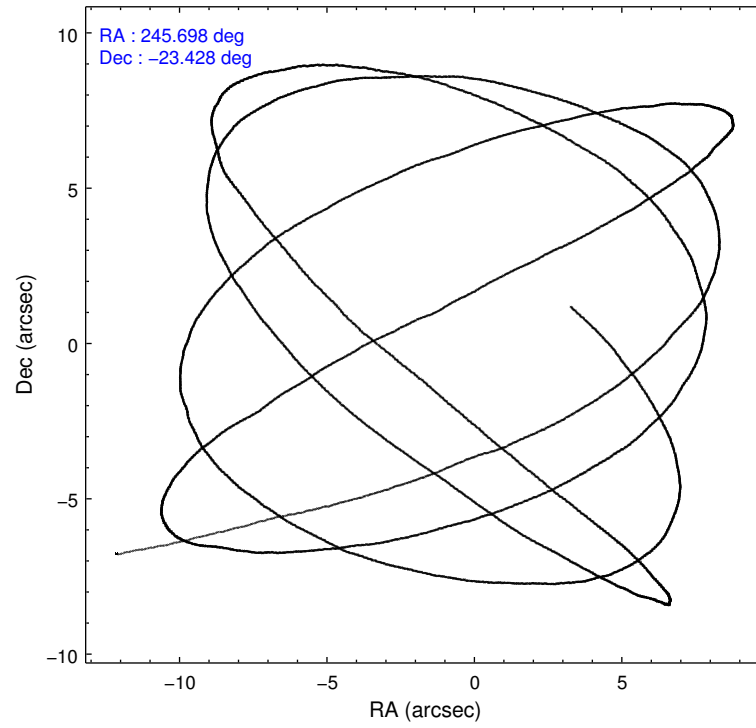
	ccd 7
level 1 events	3231
rejected events	1190
rejected %	36%

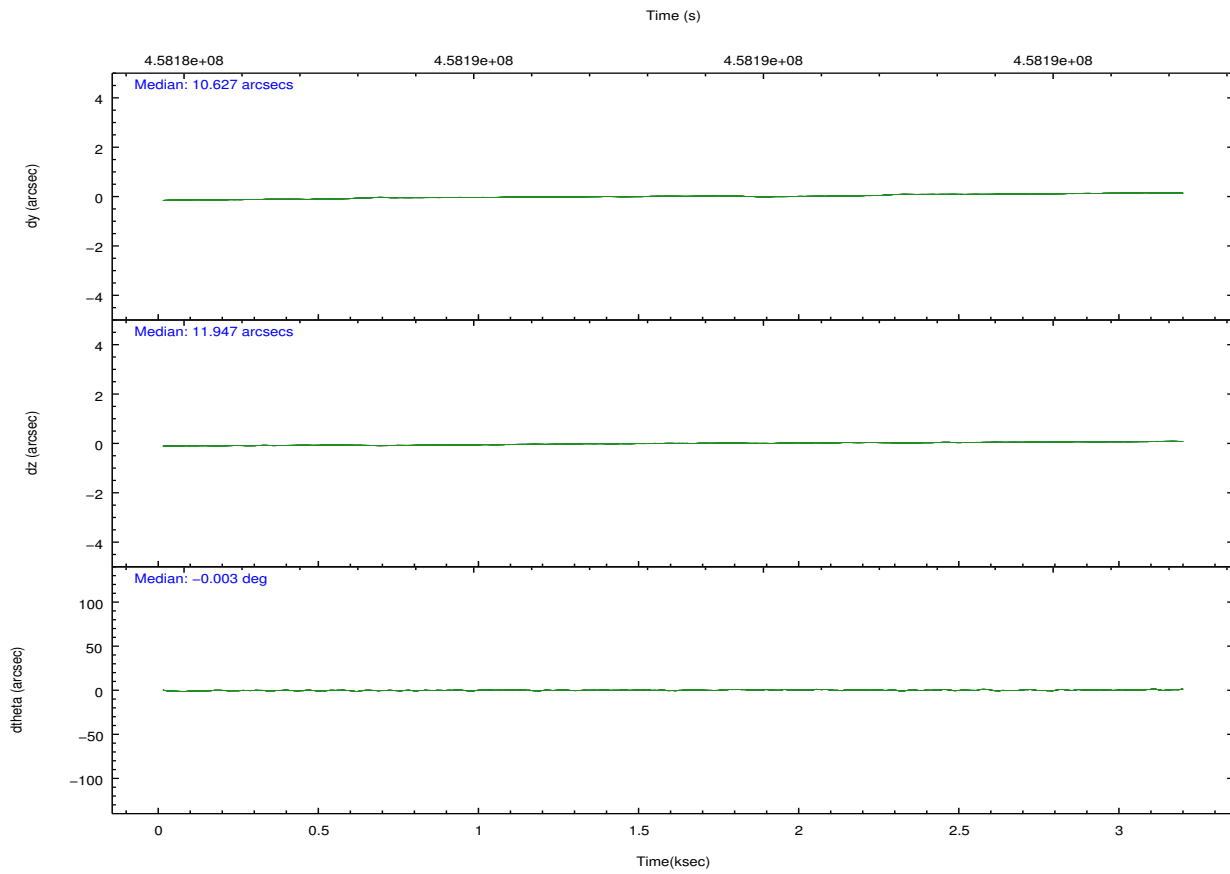
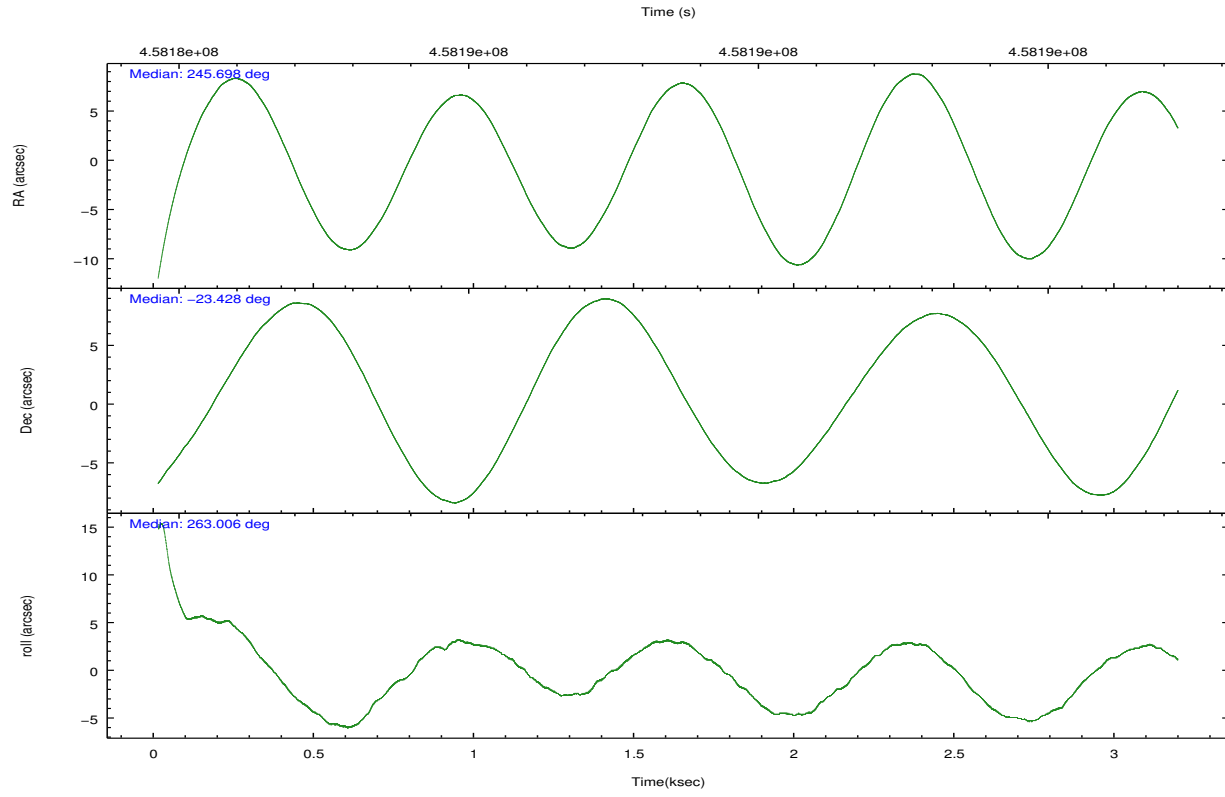
	ccd 7
grade 0 events	311
	9%
grade 1 events	4
	0%
grade 2 events	471
	14%
grade 3 events	278
	8%
grade 4 events	294
	9%
grade 5 events	273
	8%
grade 6 events	687
	21%
grade 7 events	913
	28%

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	245.685520	245.697719569556	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-23.402768	-23.42786296155848	Subarray start row	449	449
[deg] Pointing Roll	262.856931	263.0184654360131	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)	458185289.184000	458184513.98852			
Observation start date	2012-07-09T01:40:22	2012-07-09T01:28:33			
[s] Observation end time (MET)	458188289.184000	458189360.70128			
Observation end date	2012-07-09T02:30:22	2012-07-09T02:49:20			
Read mode	TIMED	TIMED			

2.3 Aspect



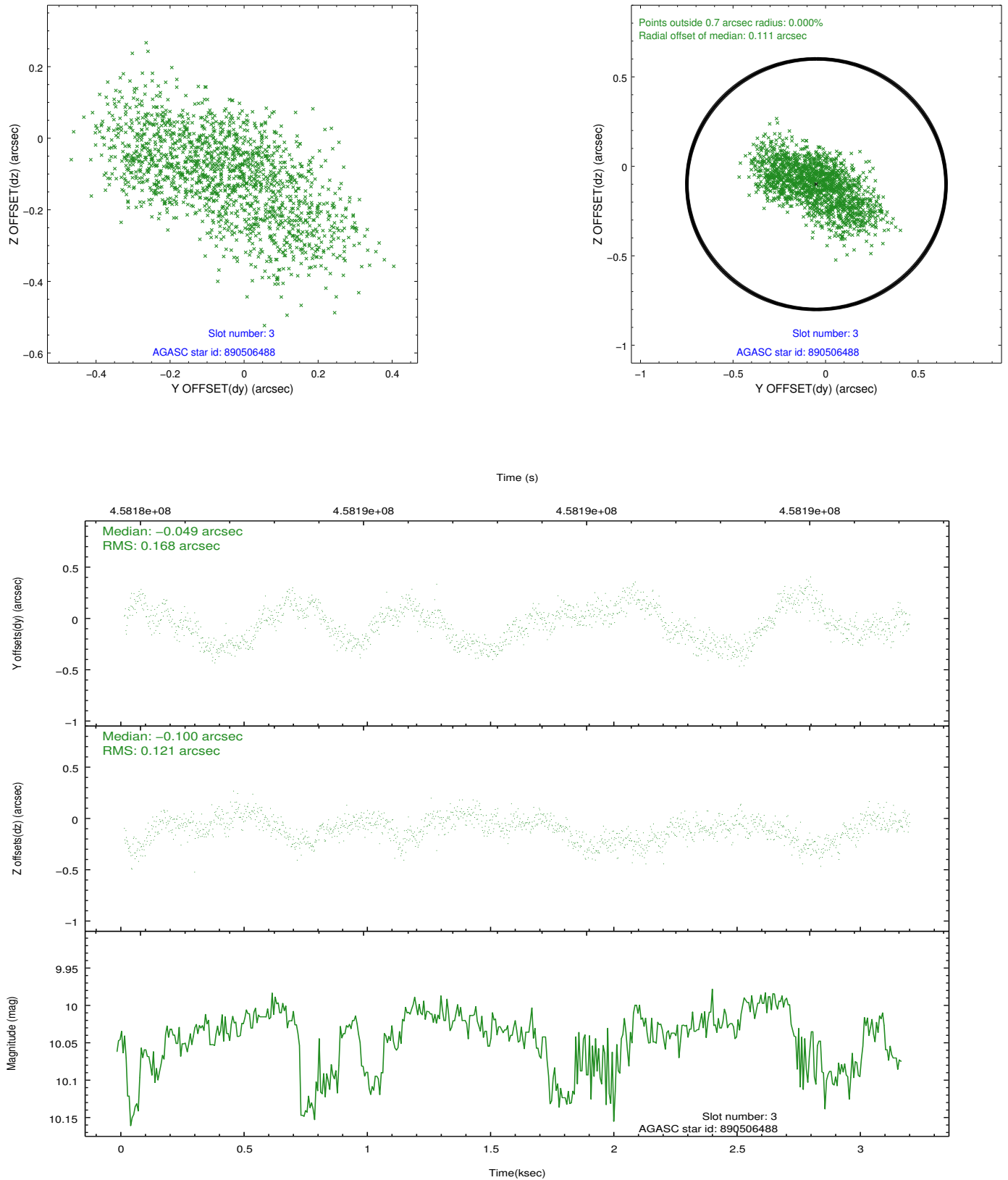


Slot Statistics

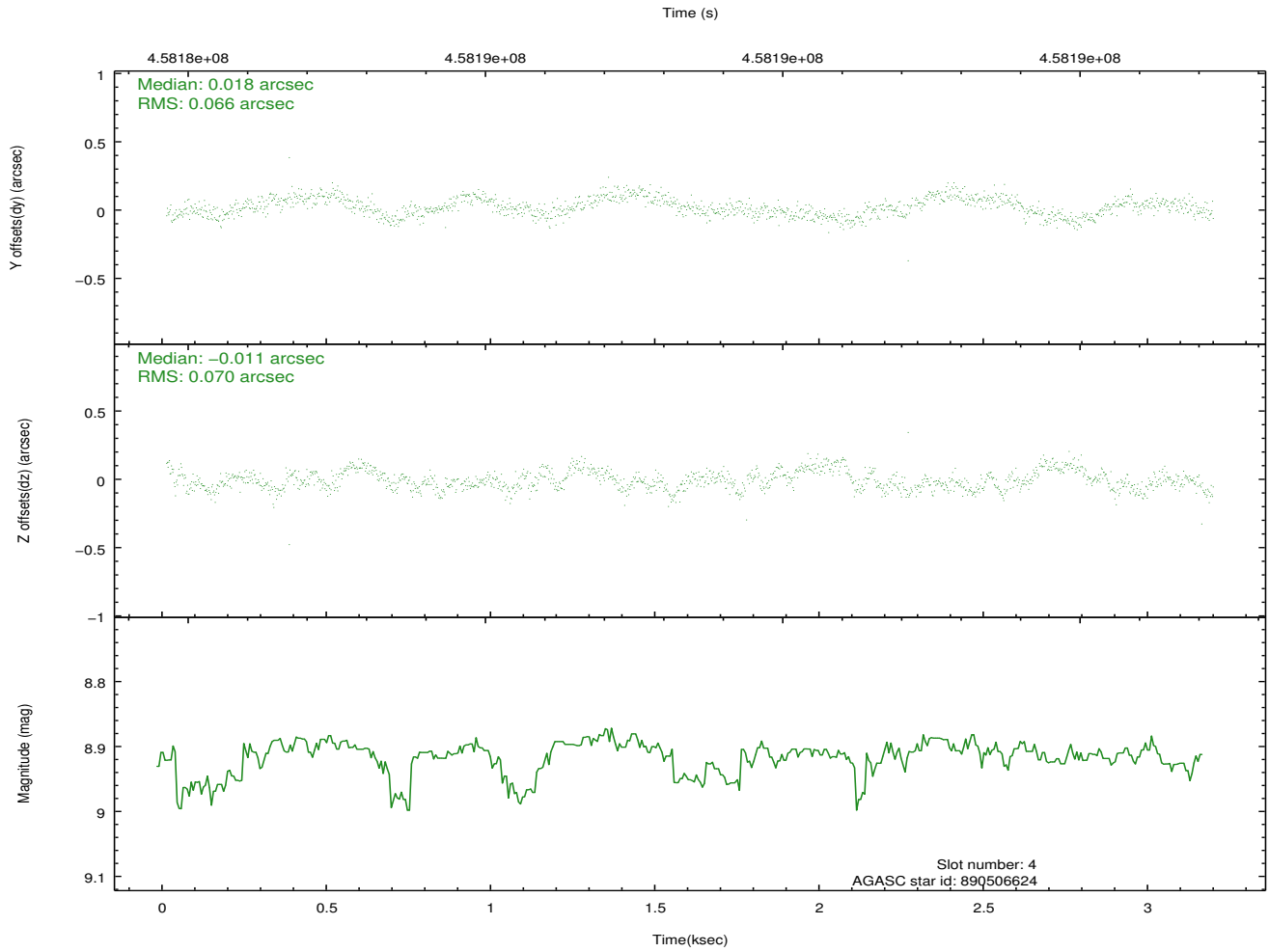
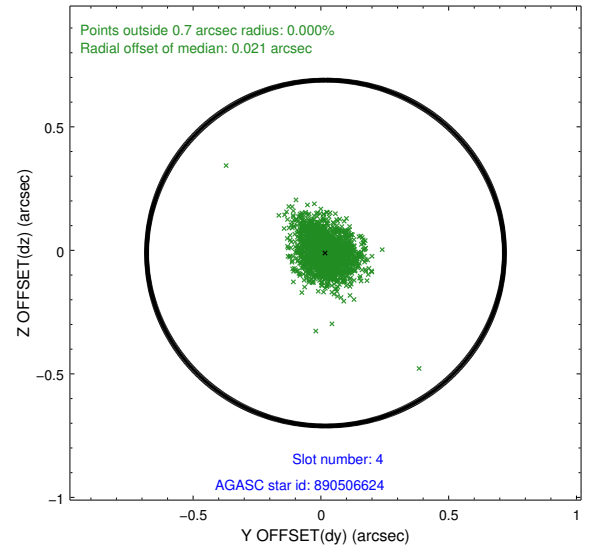
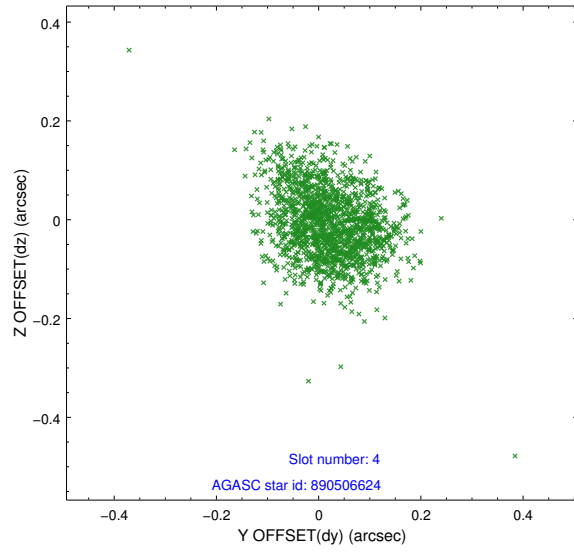
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.00	777	-0.057	-0.023	0.007	0.012	0.000000	0.000000	-763.56	-1733.25
1	FID	ACIS-S-4	7.09	777	0.178	0.034	0.006	0.012	0.000000	0.000000	2149.06	173.19
2	FID	ACIS-S-5	7.12	777	-0.151	-0.002	0.007	0.011	0.000000	0.000000	-1813.91	169.14
3	GUIDE	890506488	10.04	1552	-0.049	-0.100	0.227	0.353	245.044034	-23.803431	1699.64	-1917.36
4	GUIDE	890506624	8.91	1545	0.018	-0.011	0.101	0.160	246.053874	-23.500392	200.80	1248.20
5	GUIDE	890506752	8.75	1554	-0.151	0.322	0.077	0.126	245.184812	-23.845052	1788.18	-1436.81
6	GUIDE	890507552	7.40	1555	0.028	-0.085	0.098	0.148	246.396169	-23.405213	-276.30	2329.55
7	GUIDE	890507576	7.40	1554	0.151	-0.125	0.085	0.142	245.329963	-23.707983	1238.08	-1025.26

2.4 Star Slots

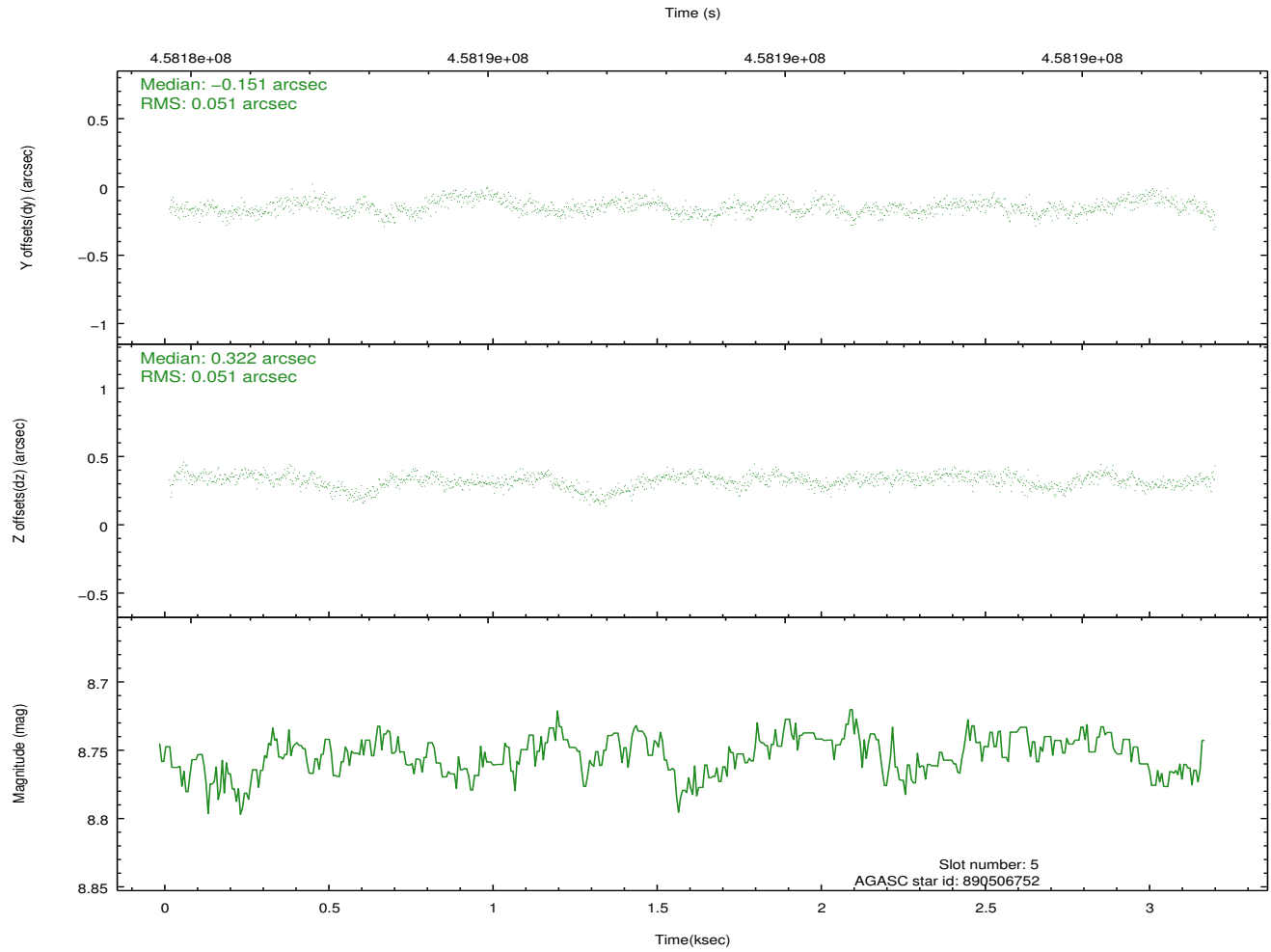
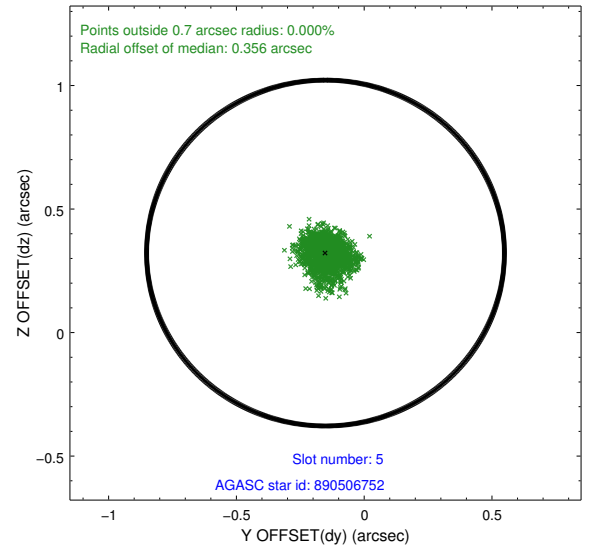
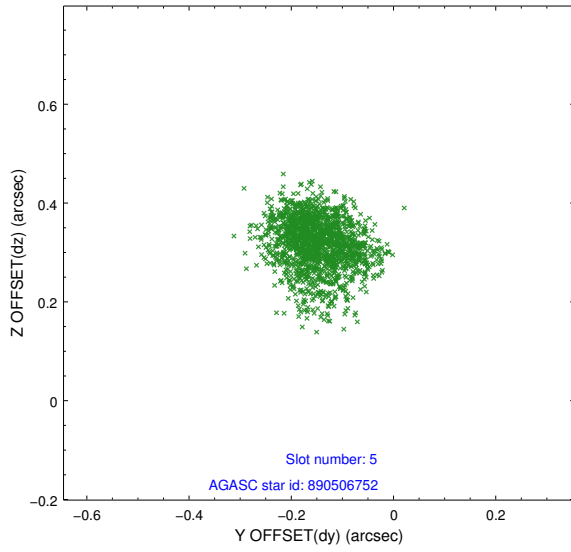
2.4.1 Slot 3



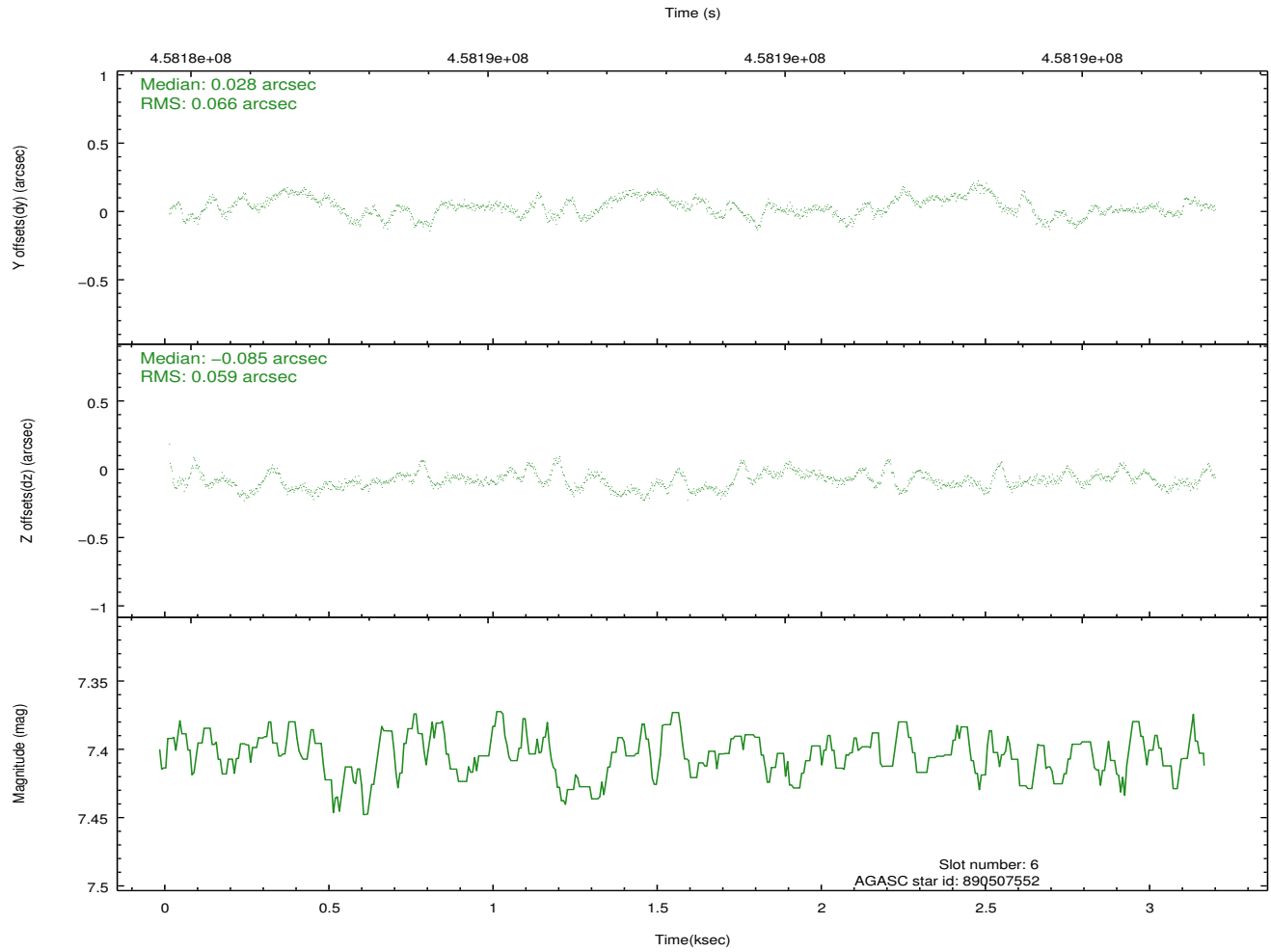
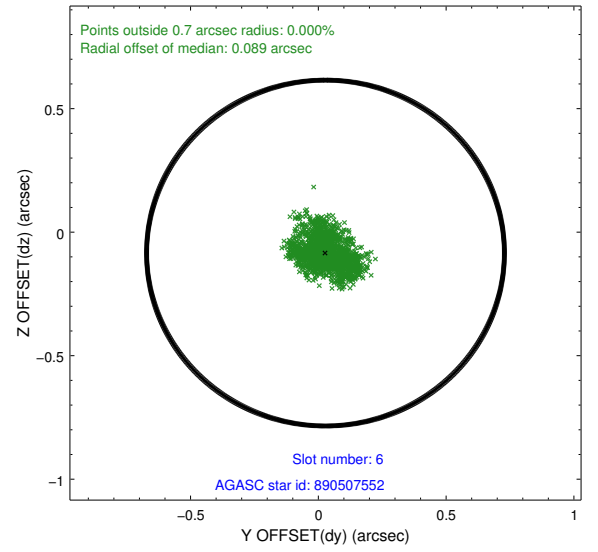
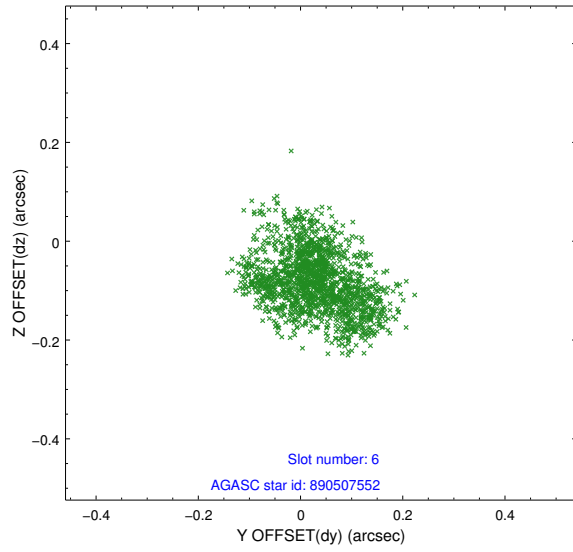
2.4.2 Slot 4



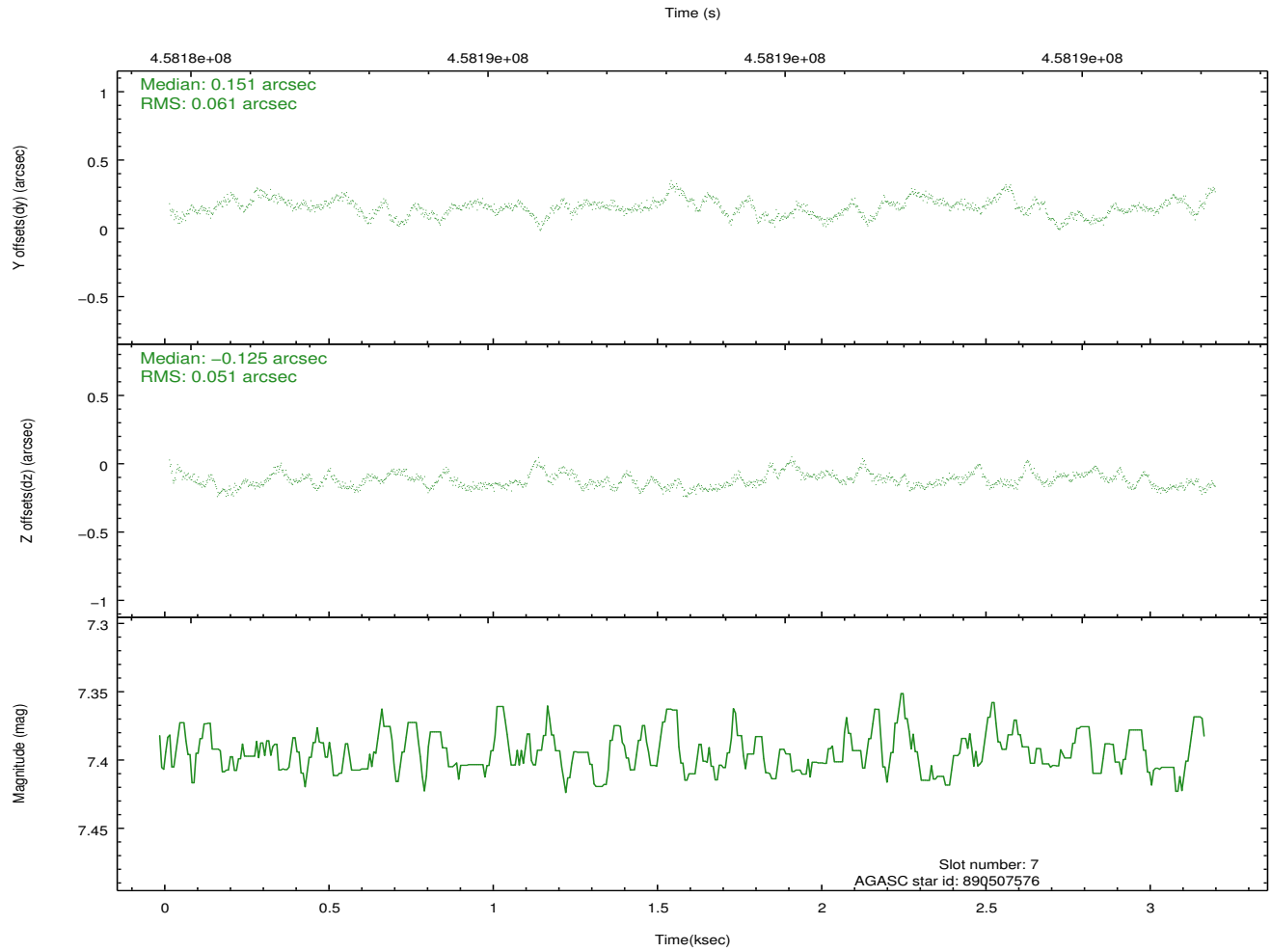
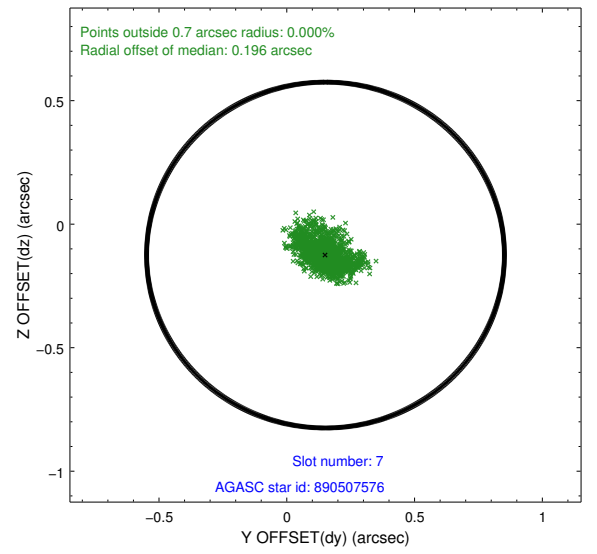
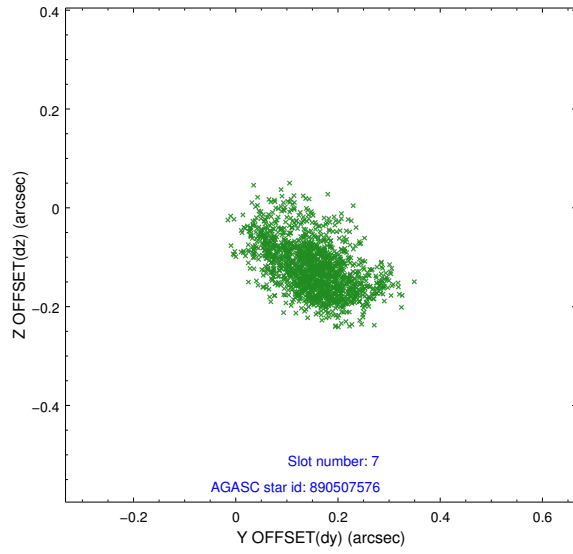
2.4.3 Slot 5



2.4.4 Slot 6

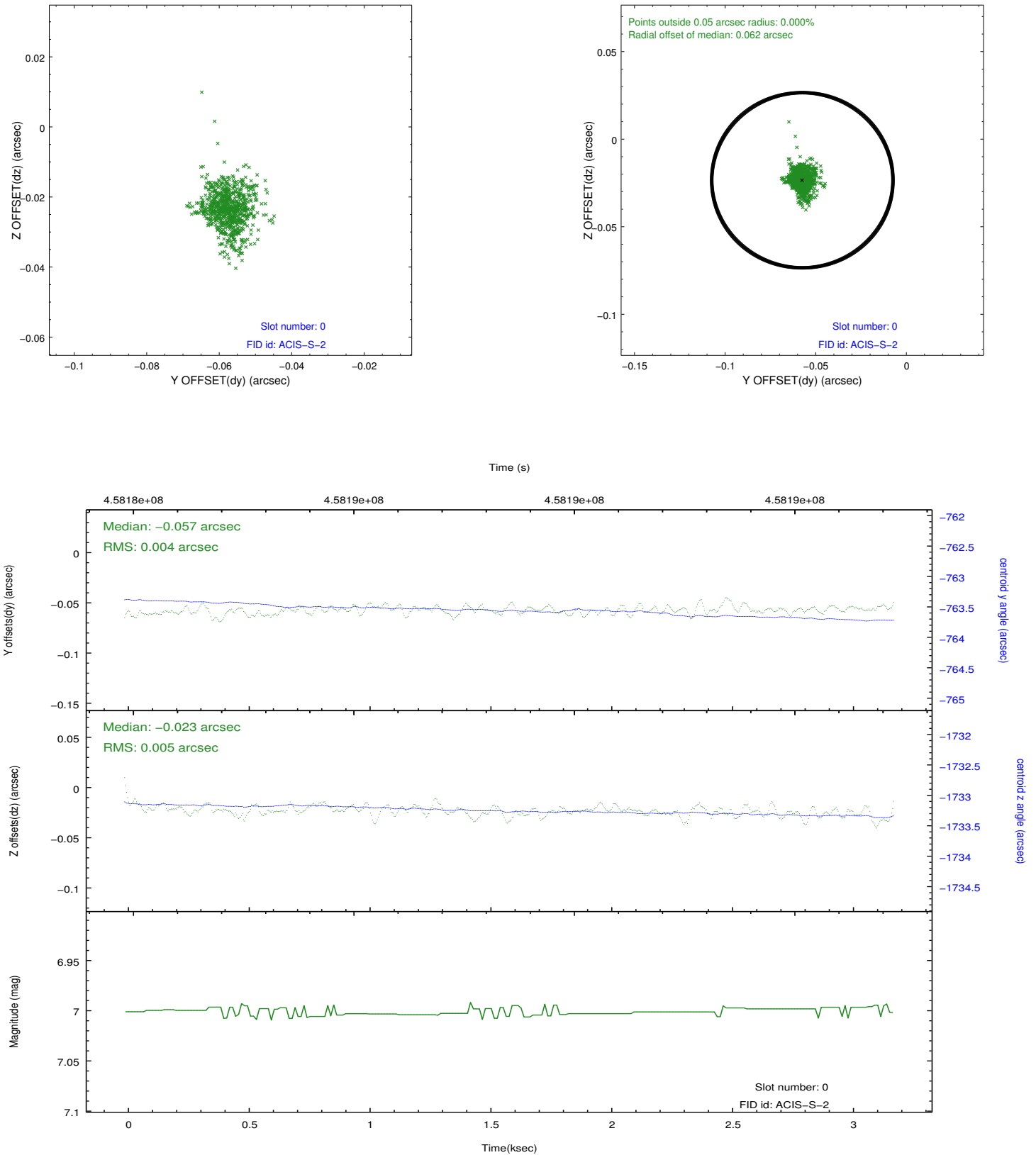


2.4.5 Slot 7

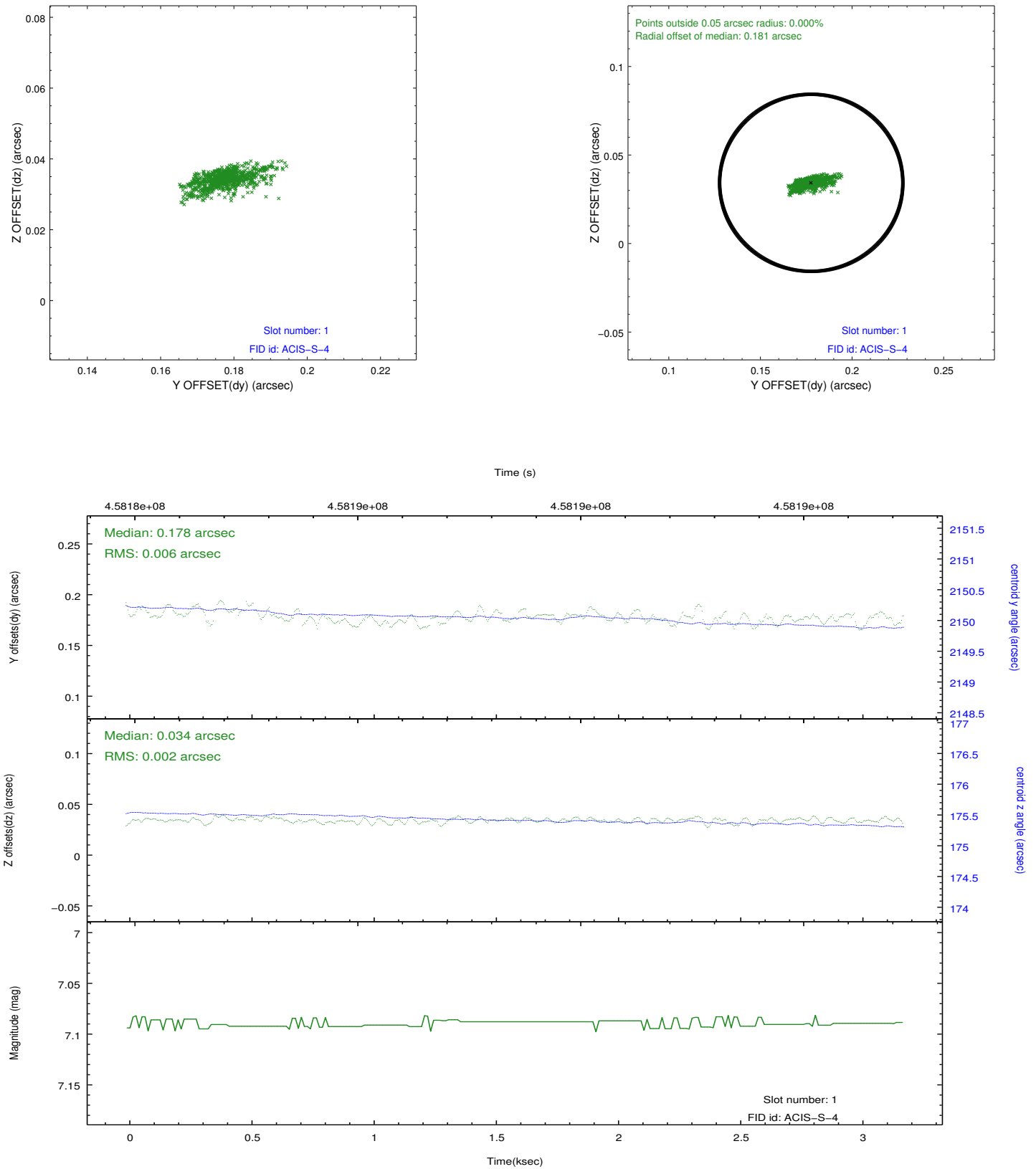


2.5 FID Slots

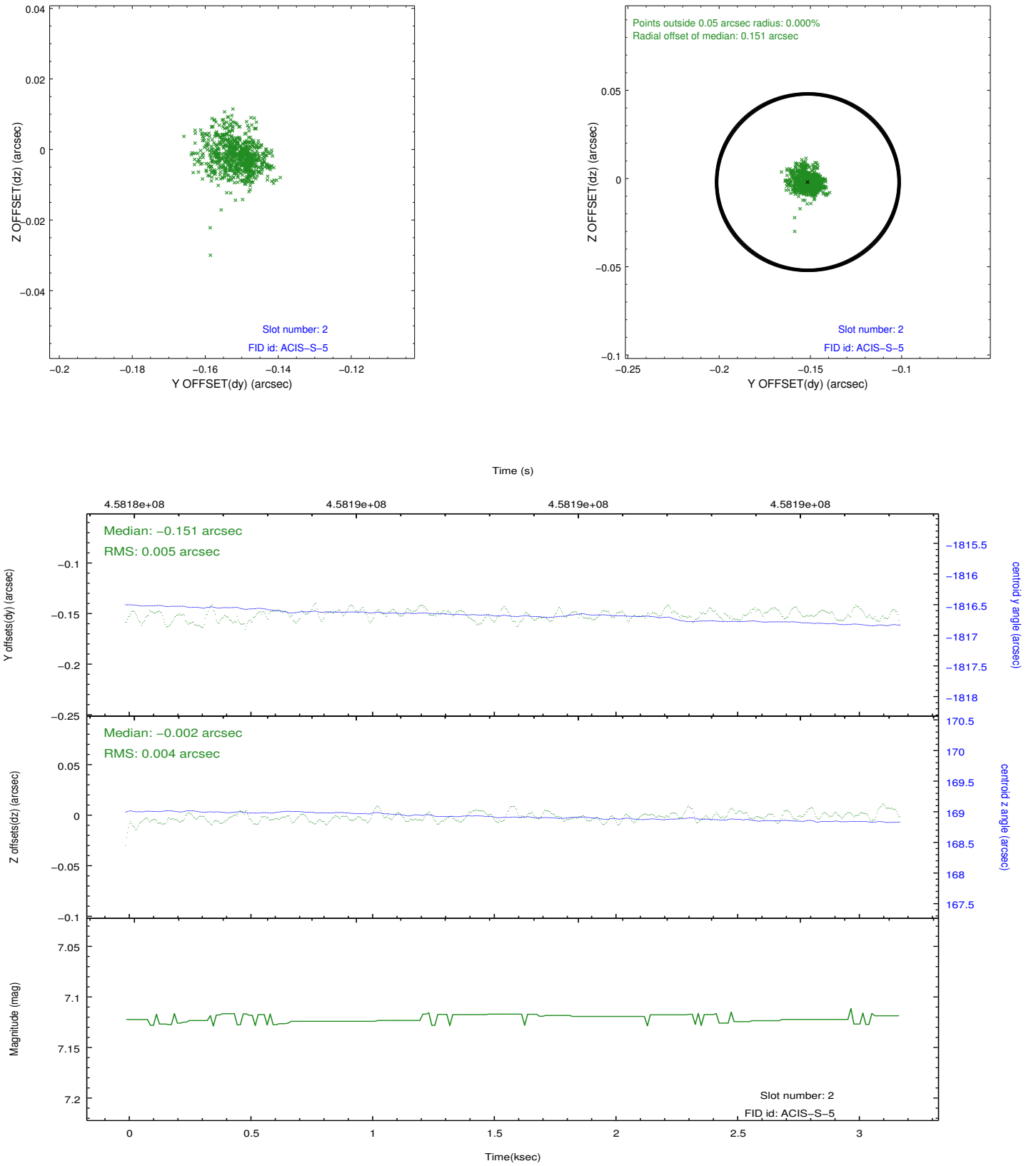
2.5.1 Slot 0



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)	2012.07.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.070639010191

A.2 Comments