

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 667 - L2 Version 4
Chandra X-Ray Center

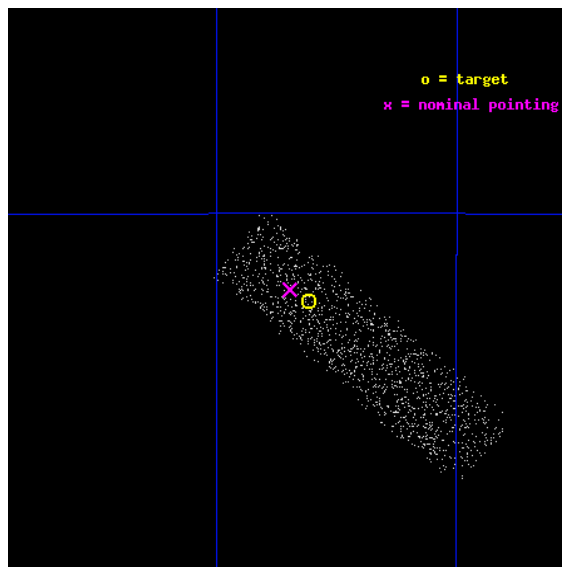
L2 Processing Date : Aug 28 2012

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1 Front

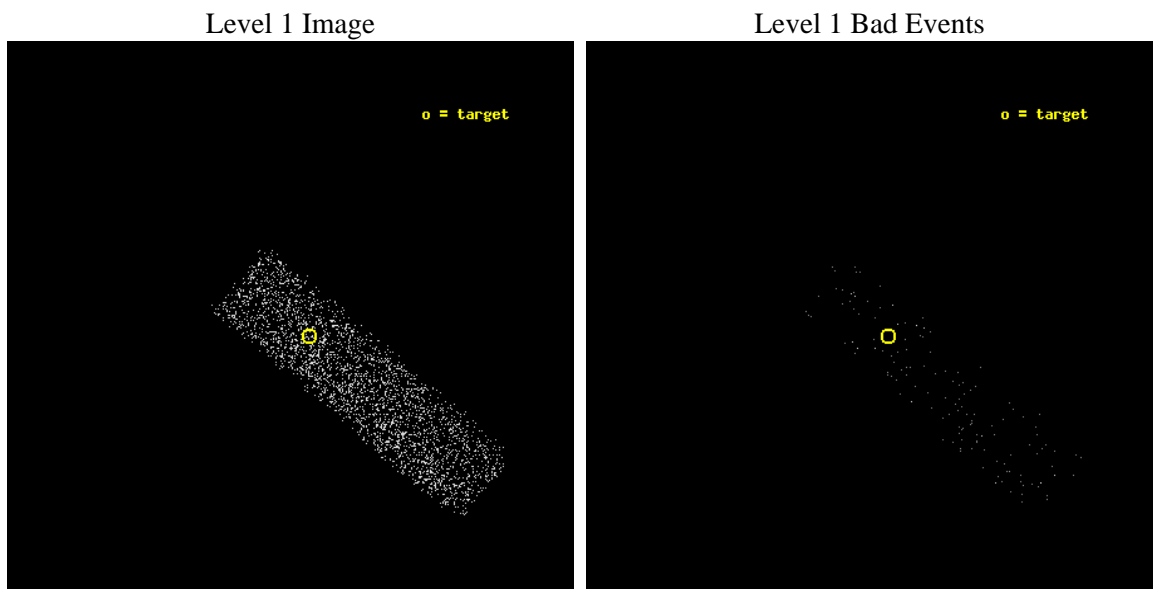
seq_num	400034	Sequence number
obs_id	667	Observation id
title	THE FAINTEST 'FIELD' LOW-MASS X-RAY BINARIES	Proposal title
observer	PROF MICHIEL VAN DER KLIS	Principal investigator
object	1746-331	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.452083	Observer's specified target RA [deg]
dec_targ	-33.204278	Observer's specified target Dec [deg]
ra_nom	267.46201950251	Nominal RA [deg]
dec_nom	-33.199548560922	Nominal Dec [deg]
roll_nom	40.336702244386	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1648.7999938726	Sum of GTIs [s]
livetime	1568.3439492748	Livetime [s]
ontime7	1648.7999938726	Sum of GTIs [s]
l2events	1463	Number of level 2 events



2 OBI

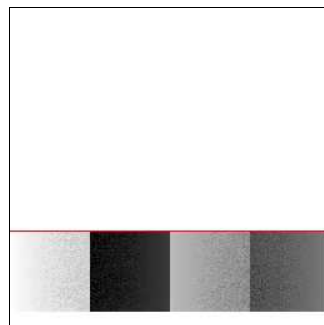
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1648.7999938726	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	1648.7999938726	Sum of GTIs [s]
date	2012-08-28T22:17:36	Date and time of file creation	l1events	3189	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

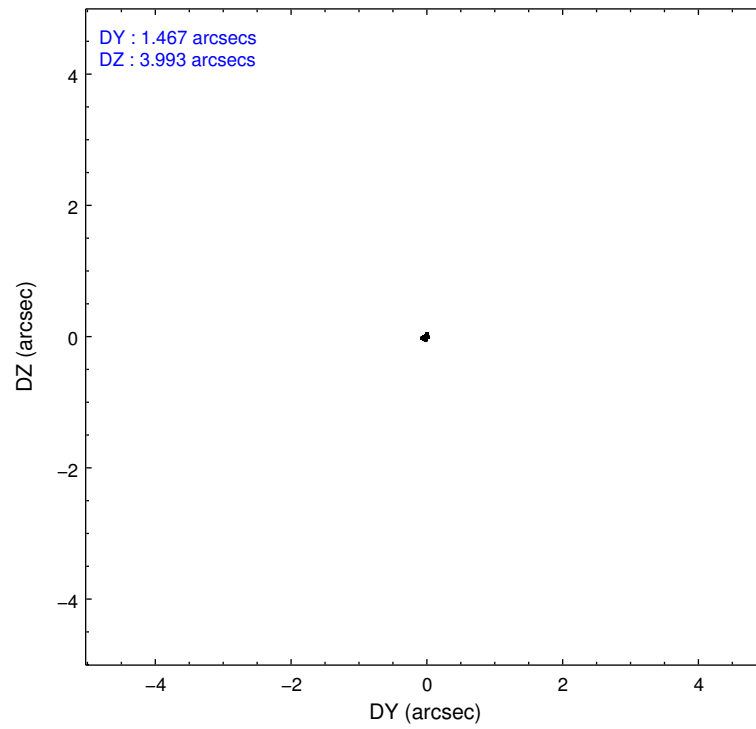
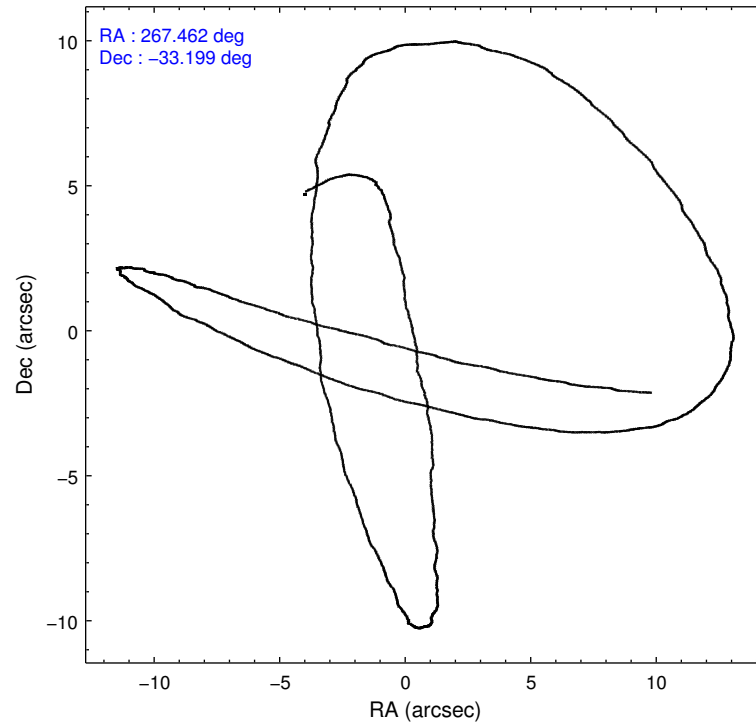
	ccd 7
level 1 events	3189
rejected events	1691
rejected %	53%

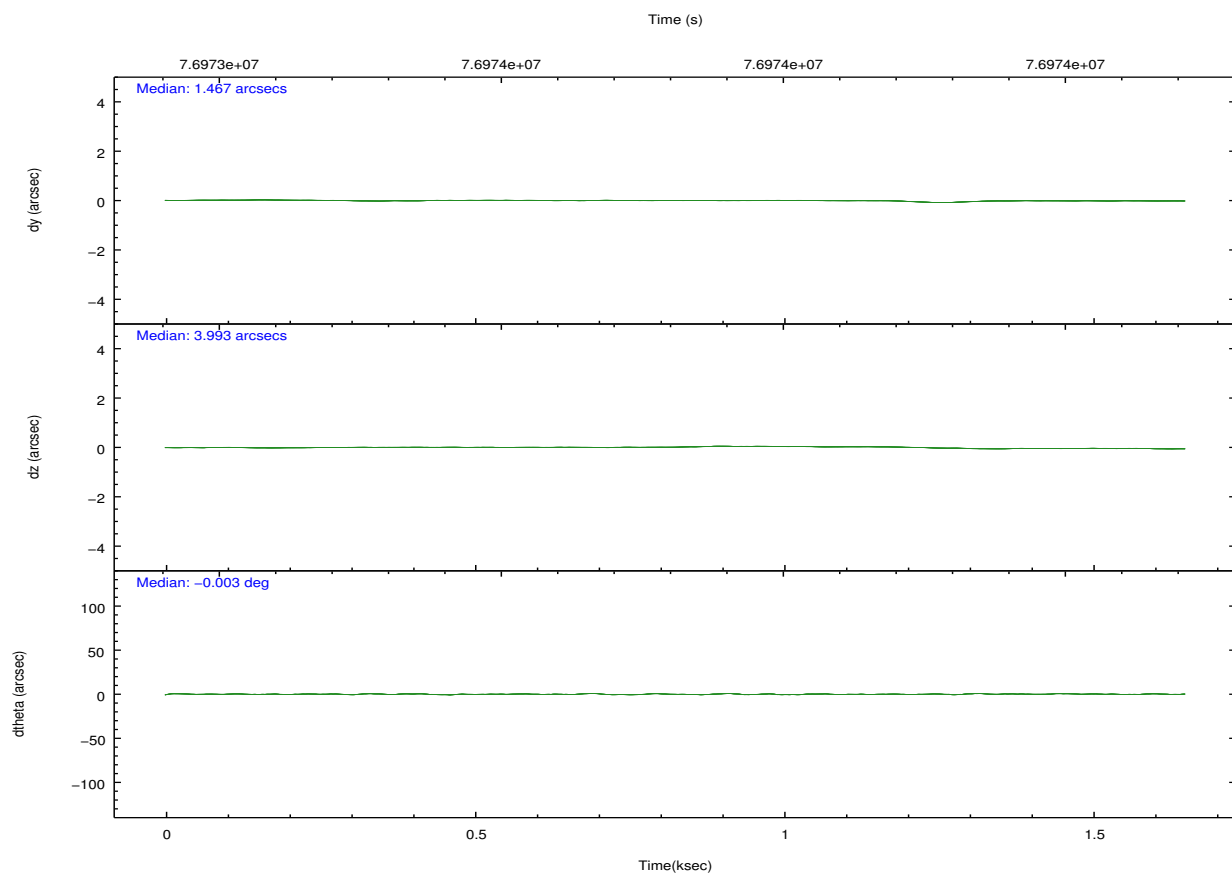
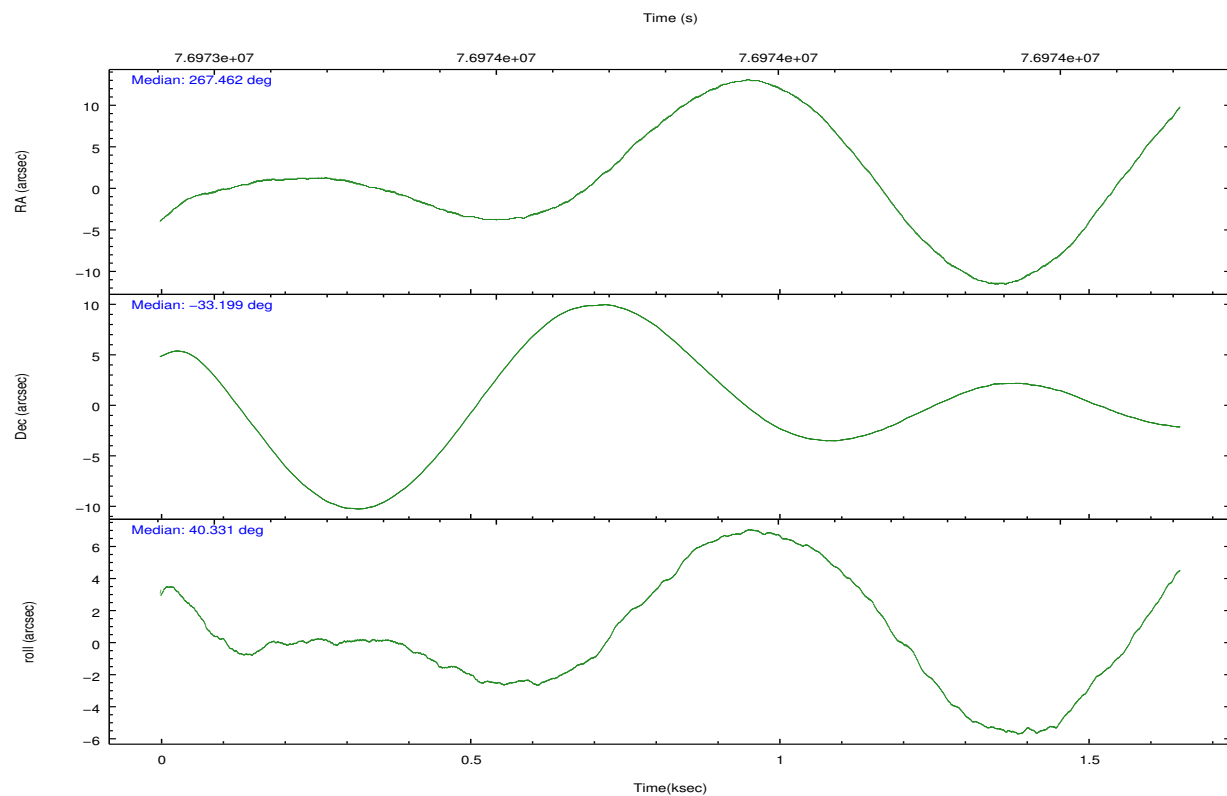
	ccd 7
grade 0 events	174
	5%
grade 1 events	4
	0%
grade 2 events	322
	10%
grade 3 events	168
	5%
grade 4 events	171
	5%
grade 5 events	298
	9%
grade 6 events	692
	21%
grade 7 events	1360
	42%

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	267.451528	267.4620195025109	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-33.225175	-33.19954856092211	Subarray start row	53	53
[deg] Pointing Roll	40.174257	40.33670224438596	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	-182.132523	-182.1370004450064			
[mm] SIM translation stage offset	-8	-7.995522138001405			
[s] Observation start time (MET)	76973631.184000	76972442.69751599			
Observation start date	2000-06-09T21:32:47	2000-06-09T21:14:02			
[s] Observation end time (MET)	76974631.184000	76975208.660117			
Observation end date	2000-06-09T21:49:27	2000-06-09T22:00:08			
Read mode	TIMED	TIMED			

2.3 Aspect



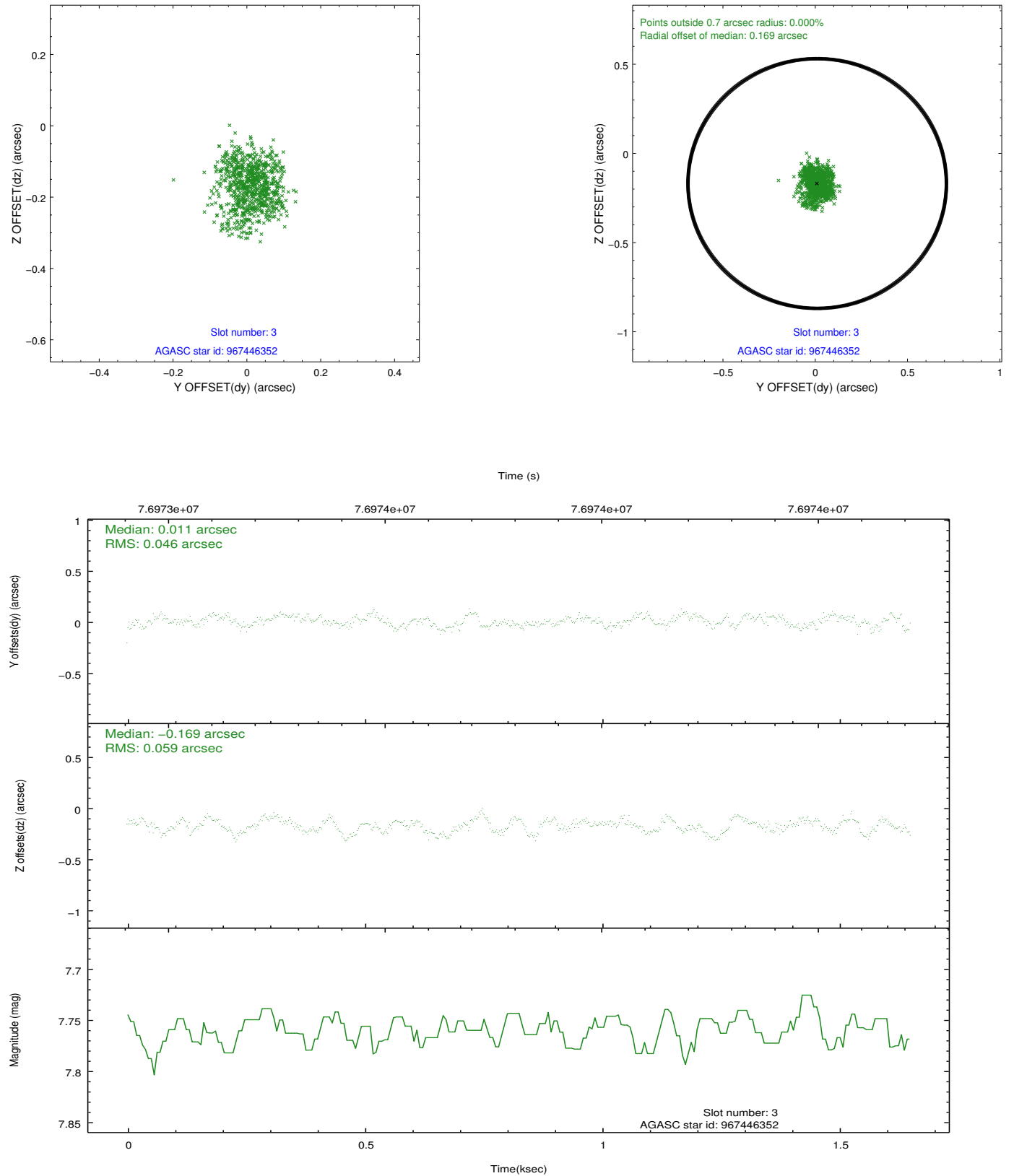


Slot Statistics

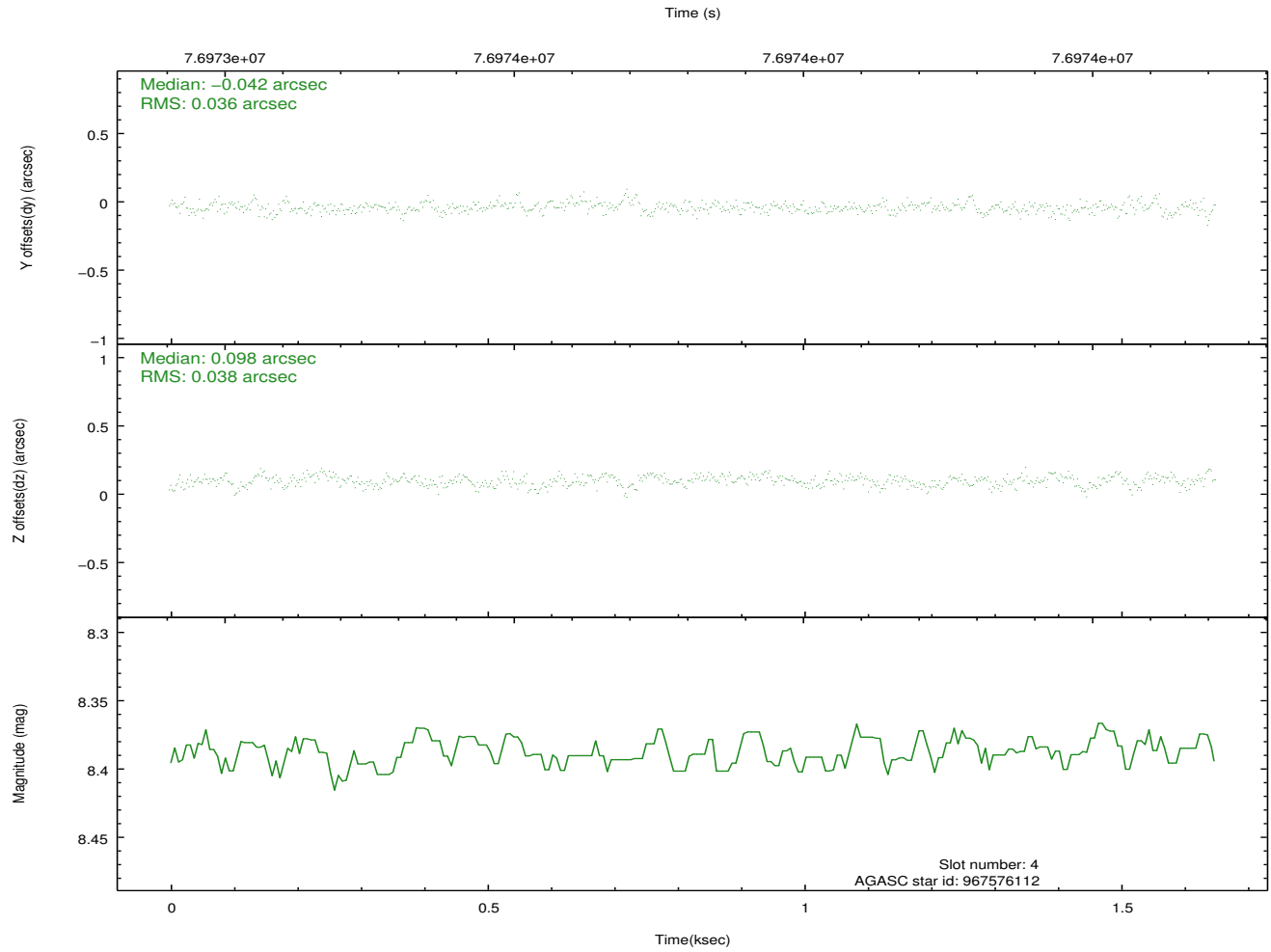
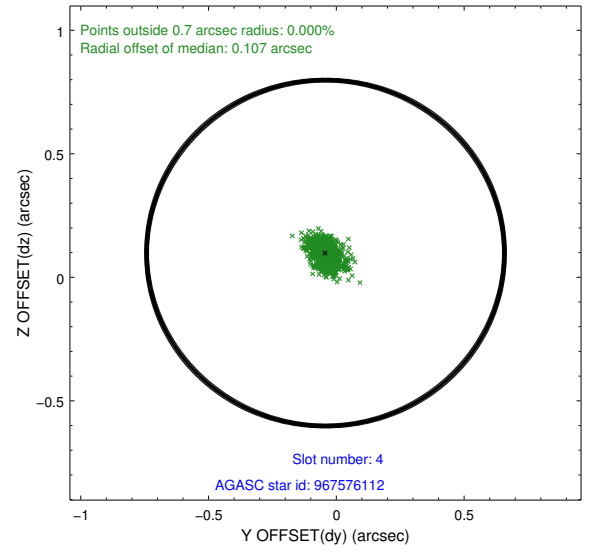
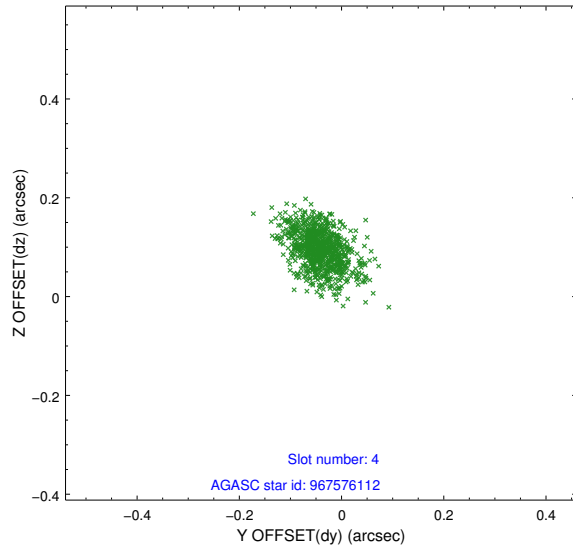
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	403	-0.056	-0.102	0.007	0.012	0.000000	0.000000	-753.59	-1889.87
1	FID	ACIS-S-4	7.18	403	0.064	0.055	0.006	0.012	0.000000	0.000000	2158.05	14.16
2	FID	ACIS-S-5	7.23	403	-0.039	0.056	0.006	0.010	0.000000	0.000000	-1801.22	12.48
3	GUIDE	967446352	7.76	806	0.011	-0.169	0.082	0.127	267.069988	-32.671157	402.34	2267.19
4	GUIDE	967576112	8.39	806	-0.042	0.098	0.055	0.095	267.864430	-33.324491	718.07	-1074.26
5	GUIDE	967574992	9.13	806	-0.035	0.098	0.091	0.149	268.024577	-32.877886	2128.90	-167.98
6	GUIDE	967968960	9.42	805	-0.009	0.014	0.093	0.146	267.349593	-34.094614	-2248.02	-2197.07
7	GUIDE	967444504	9.45	805	0.071	-0.036	0.104	0.180	266.481269	-33.203049	-2192.74	1932.10

2.4 Star Slots

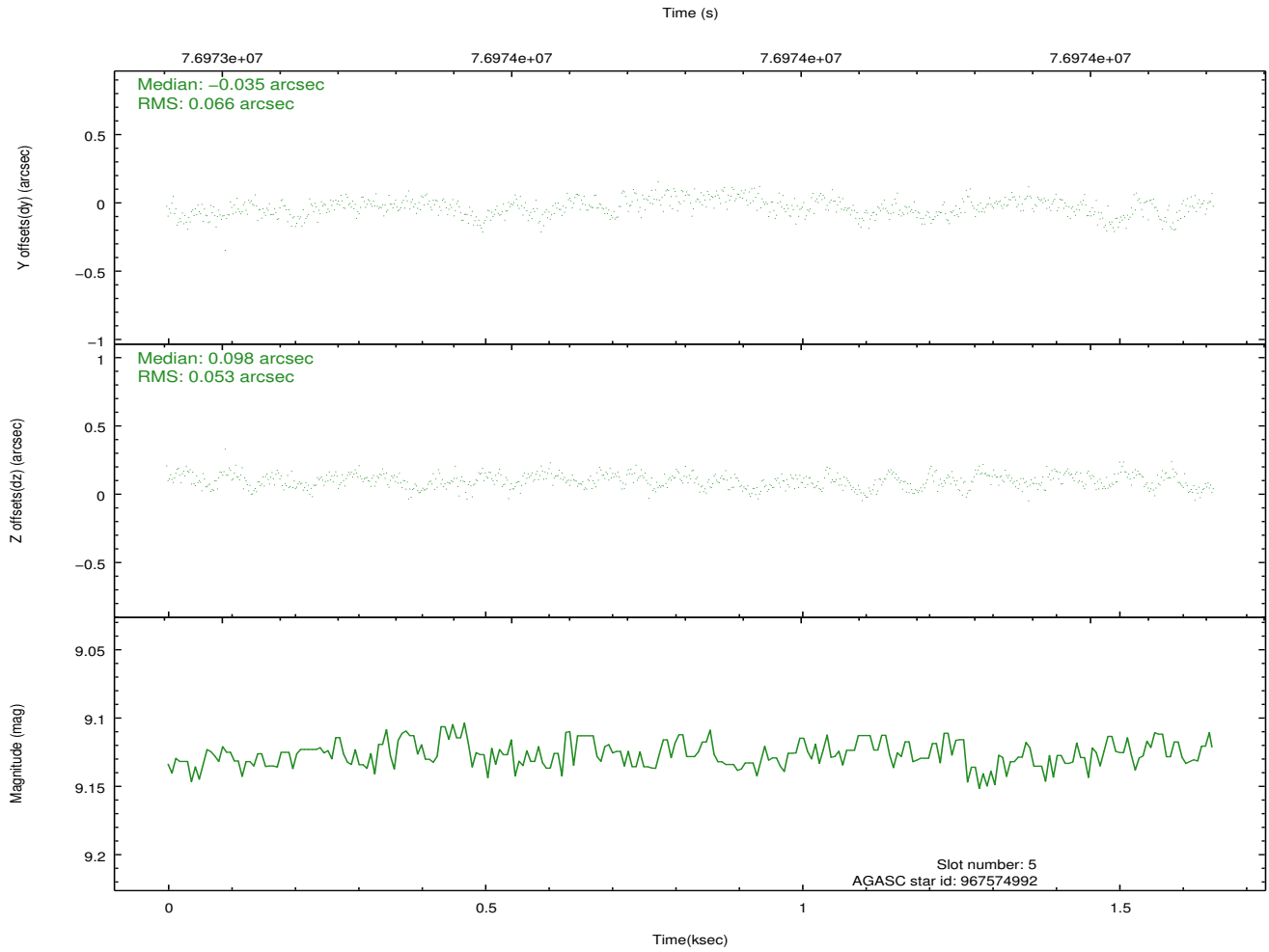
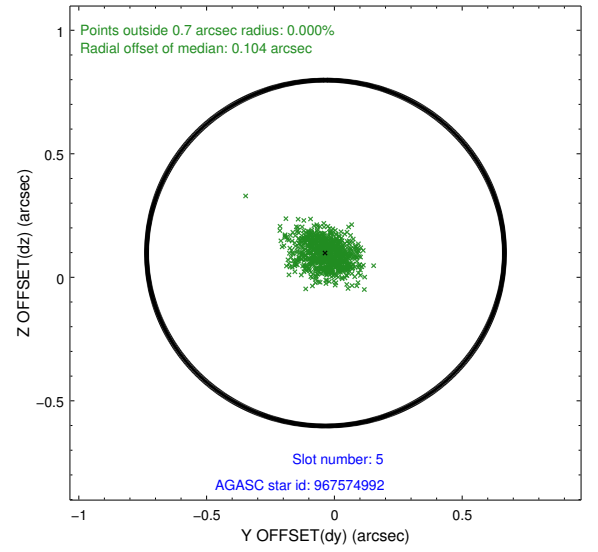
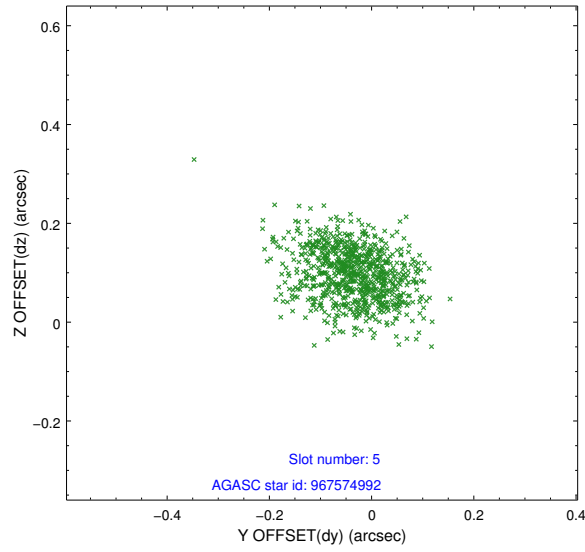
2.4.1 Slot 3



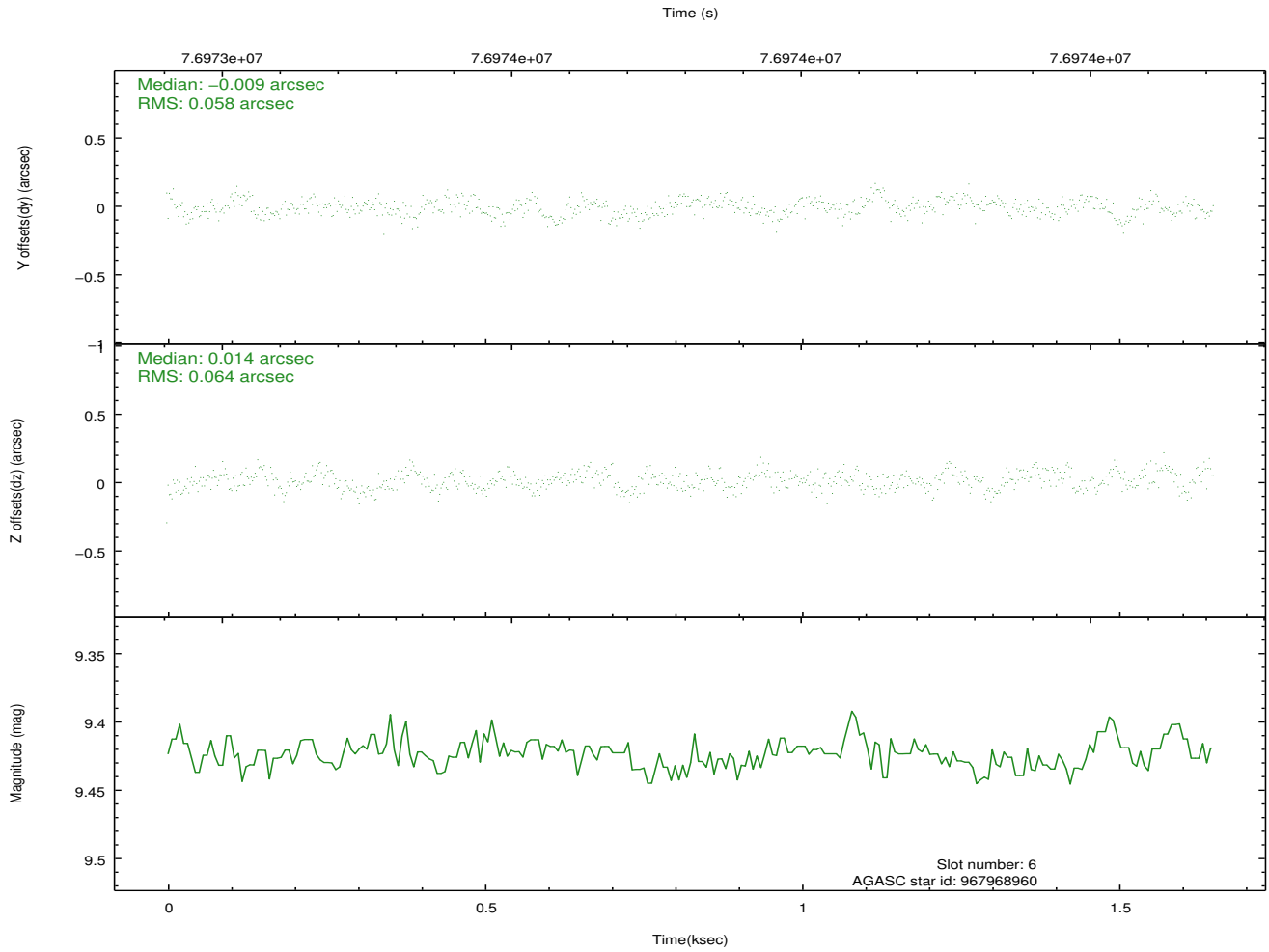
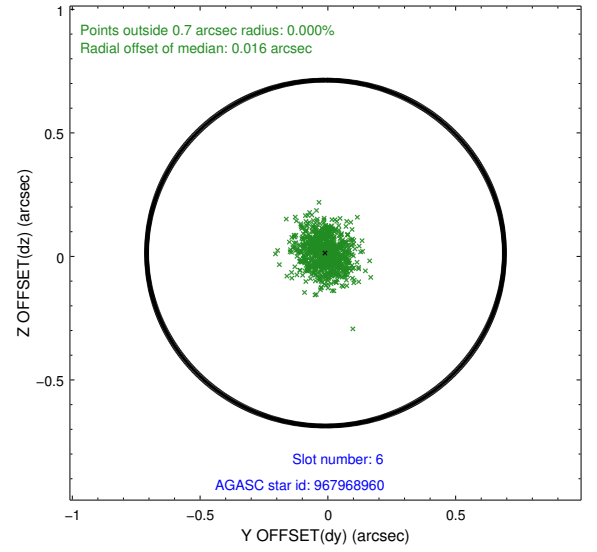
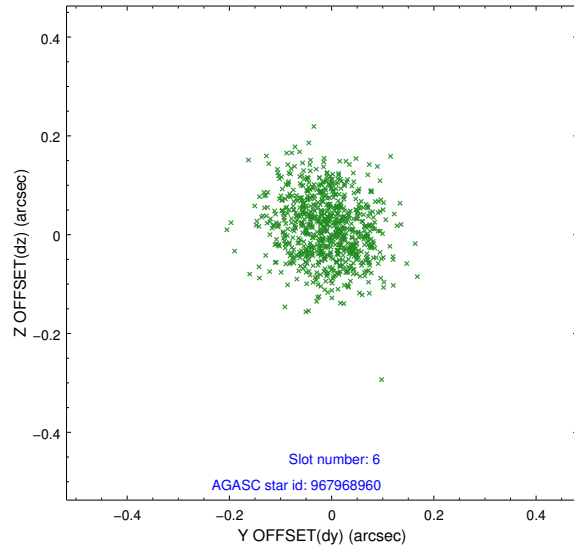
2.4.2 Slot 4



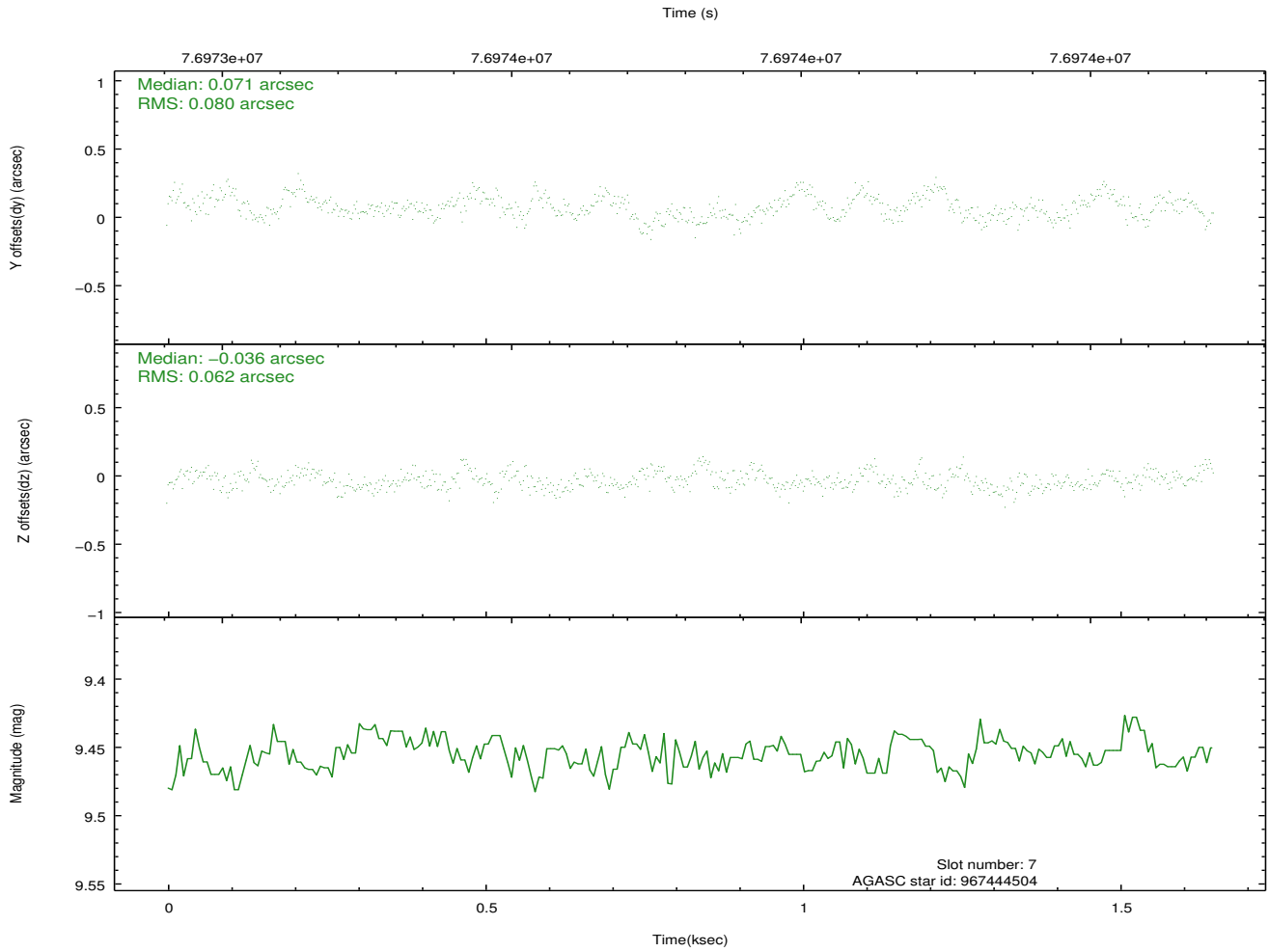
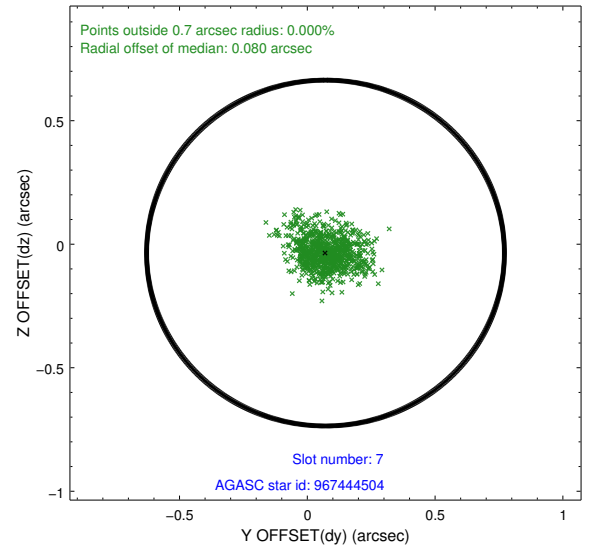
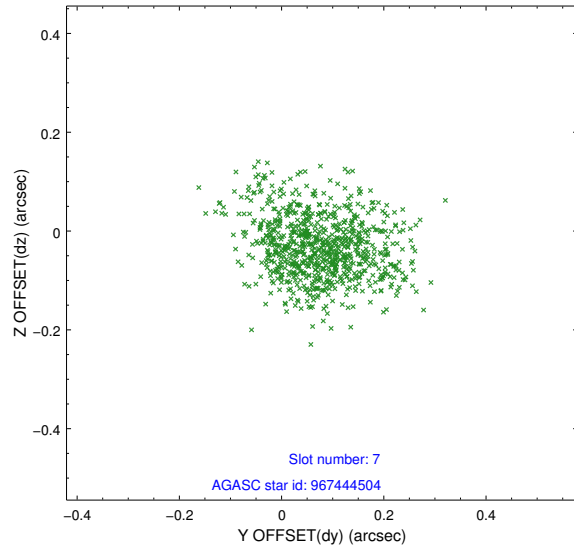
2.4.3 Slot 5



2.4.4 Slot 6

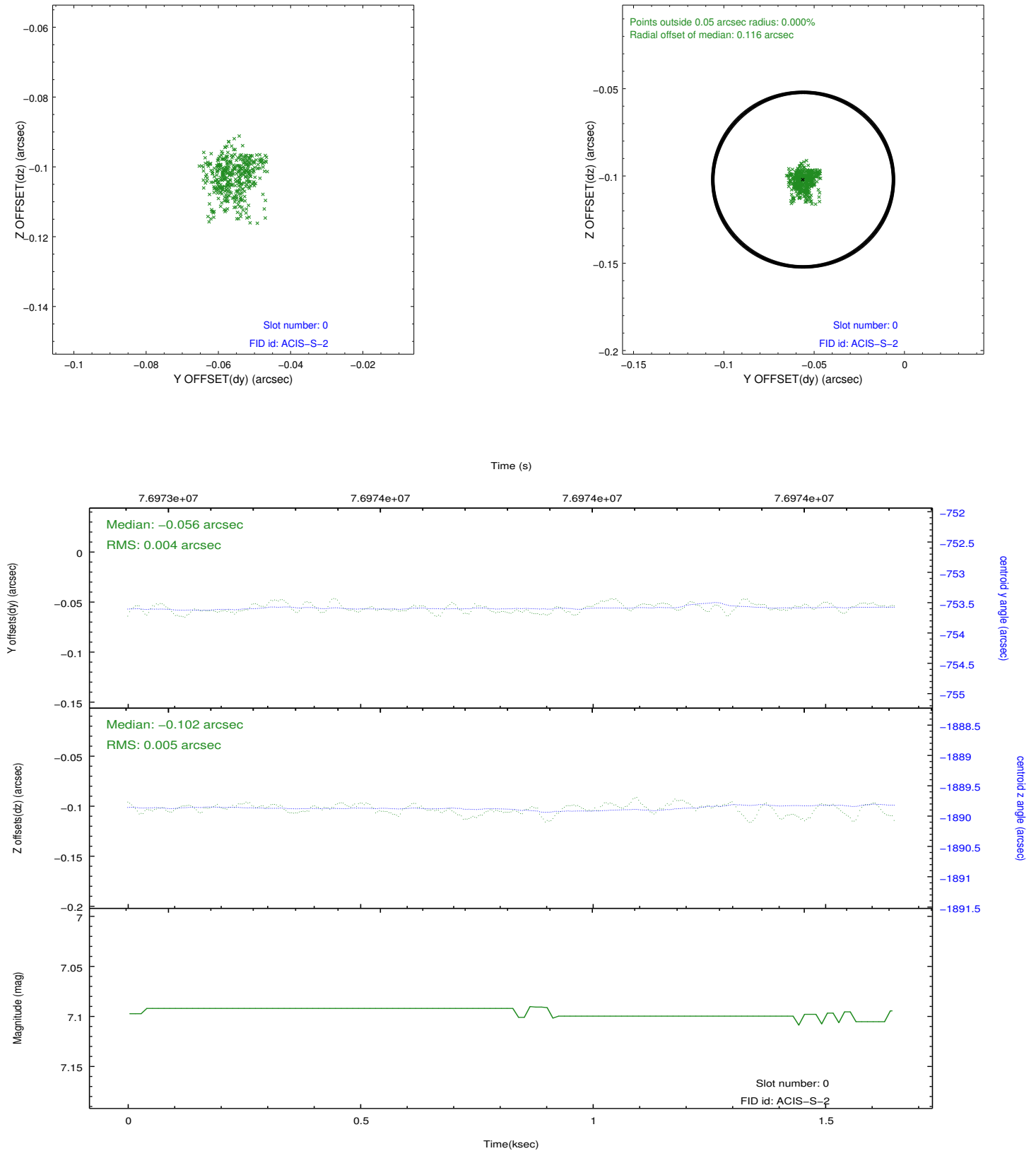


2.4.5 Slot 7

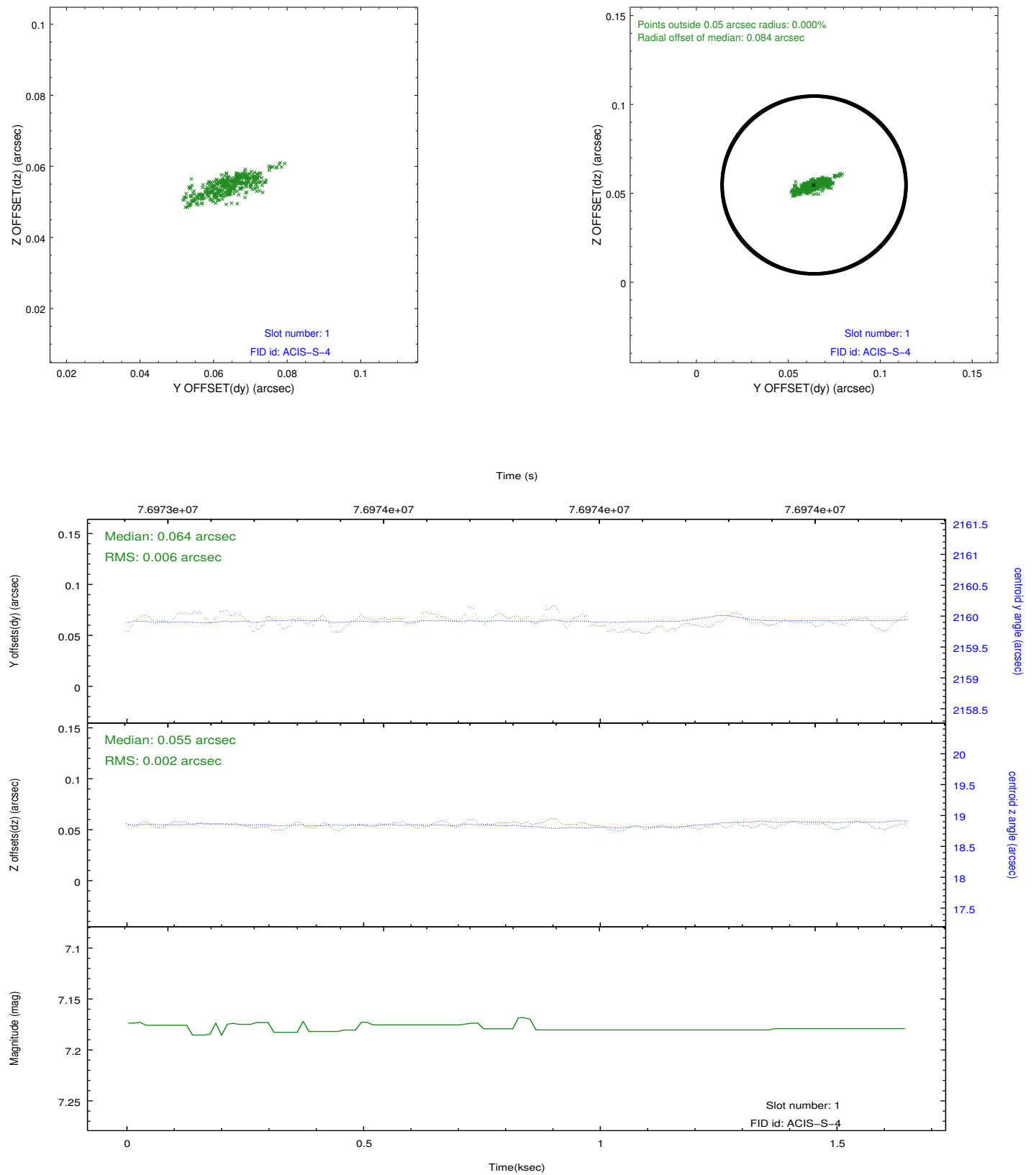


2.5 FID Slots

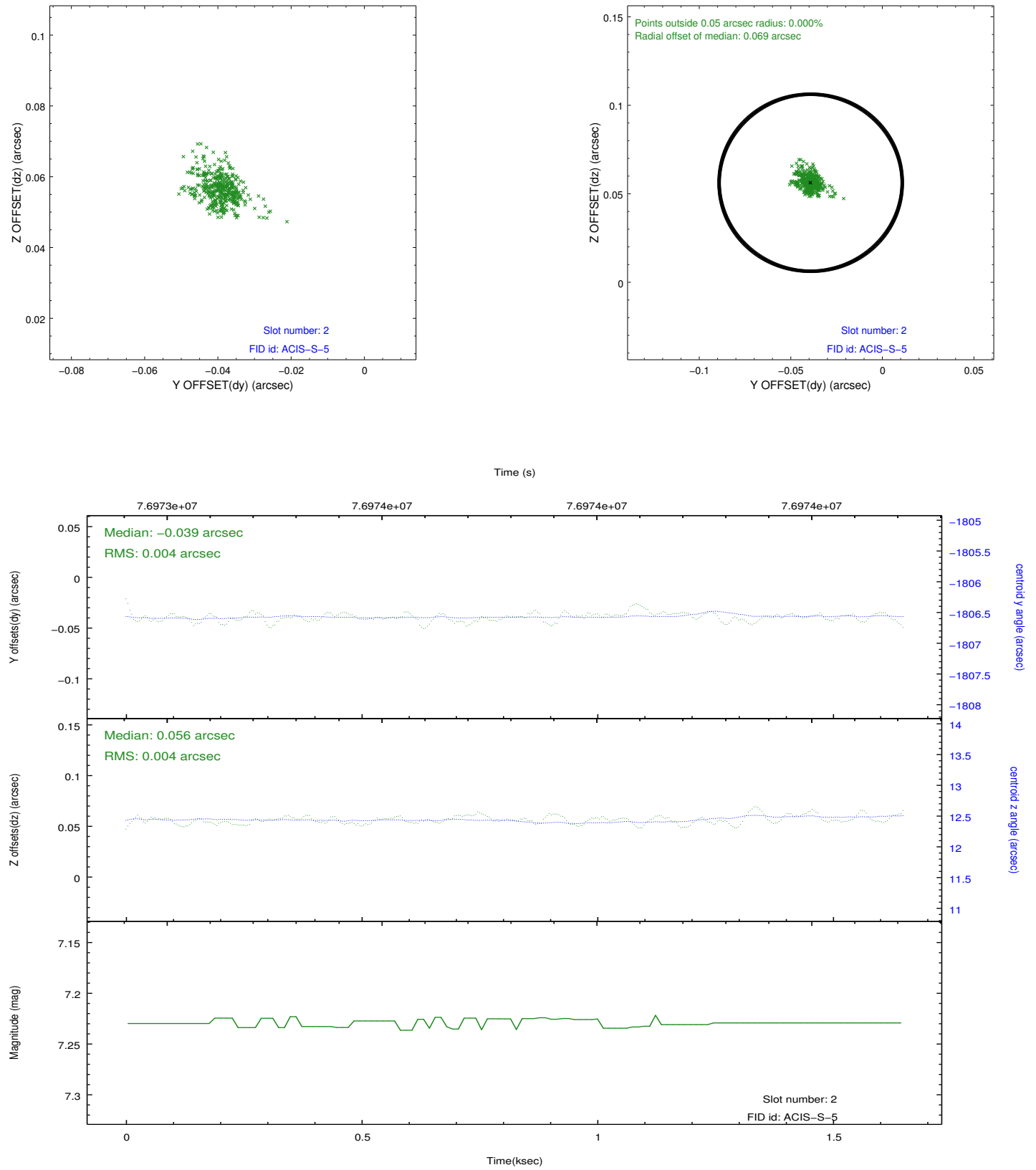
2.5.1 Slot 0



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)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.648

A.2 Comments