

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11472 - L2 Version 2
Chandra X-Ray Center

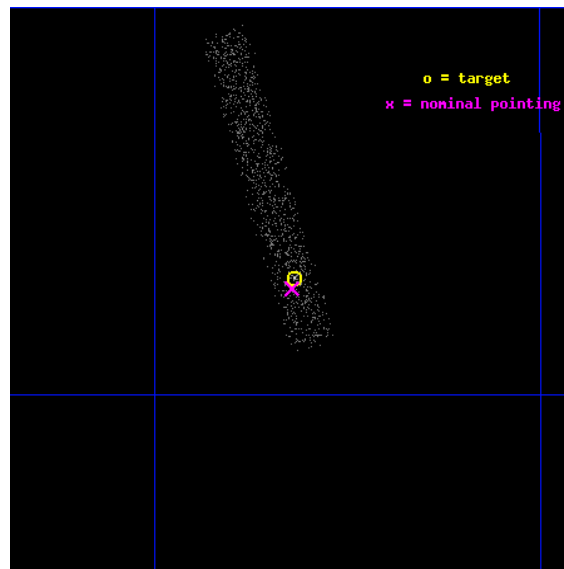
L2 Processing Date : Jun 29 2012

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1 Front

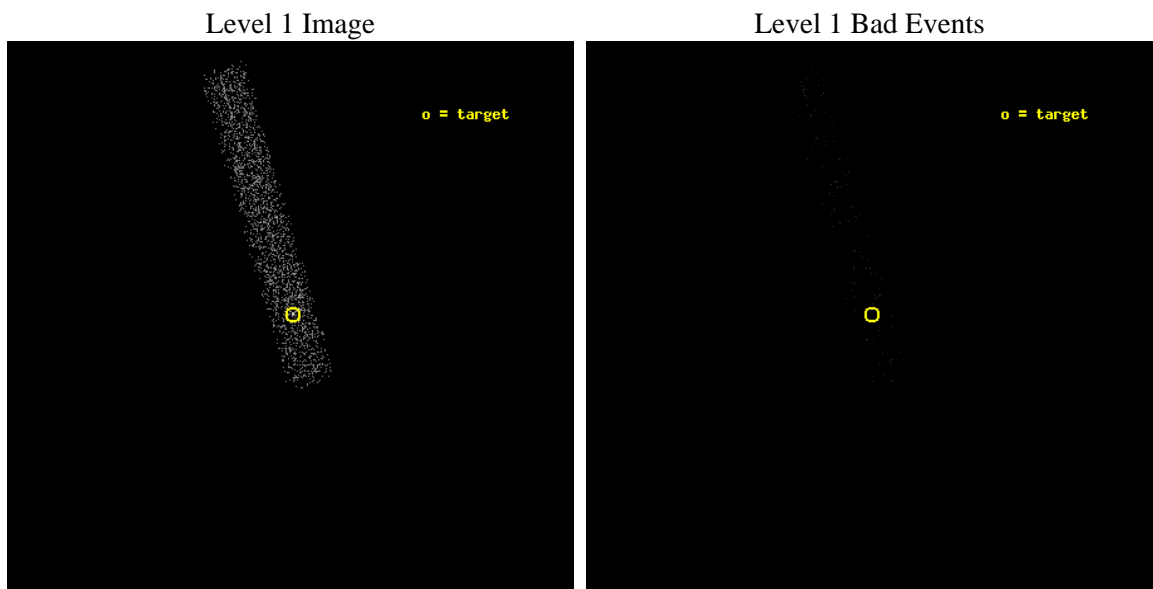
seq_num	702058	Sequence number
obs_id	11472	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J134738.23+474301.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	206.909167	Observer's specified target RA [deg]
dec_targ	47.717194	Observer's specified target Dec [deg]
ra_nom	206.91105791403	Nominal RA [deg]
dec_nom	47.712350334063	Nominal Dec [deg]
roll_nom	253.73810830673	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2008.39988029	Sum of GTIs [s]
livetime	1821.5126793851	Livetime [s]
ontime7	2008.39988029	Sum of GTIs [s]
l2events	1425	Number of level 2 events



2 OBI

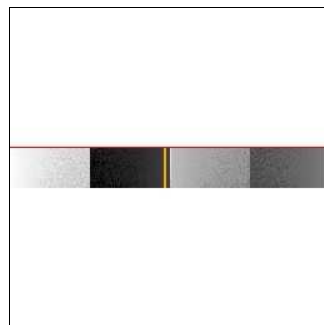
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2008.39988029	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	2008.39988029	Sum of GTIs [s]
date	2012-06-30T02:08:39	Date and time of file creation	l1events	2729	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

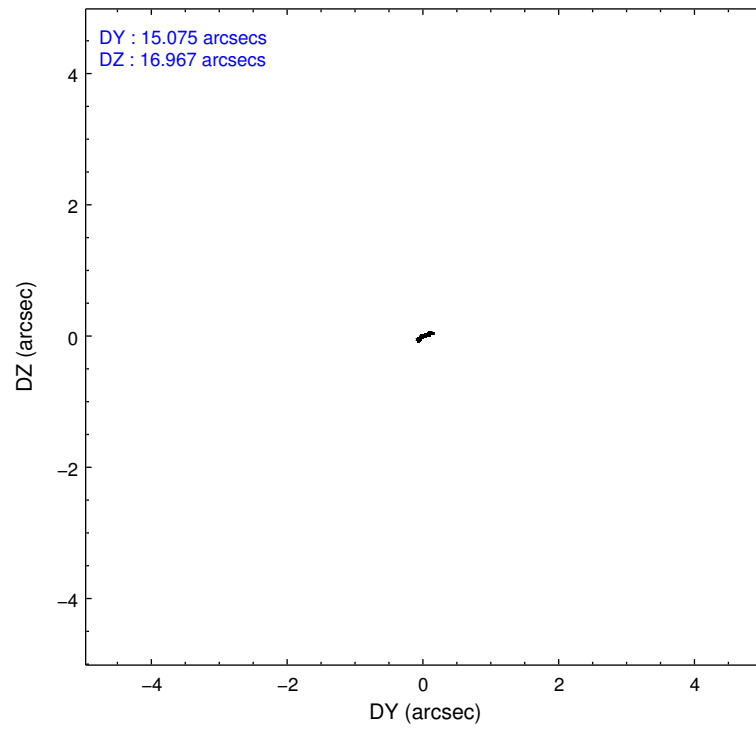
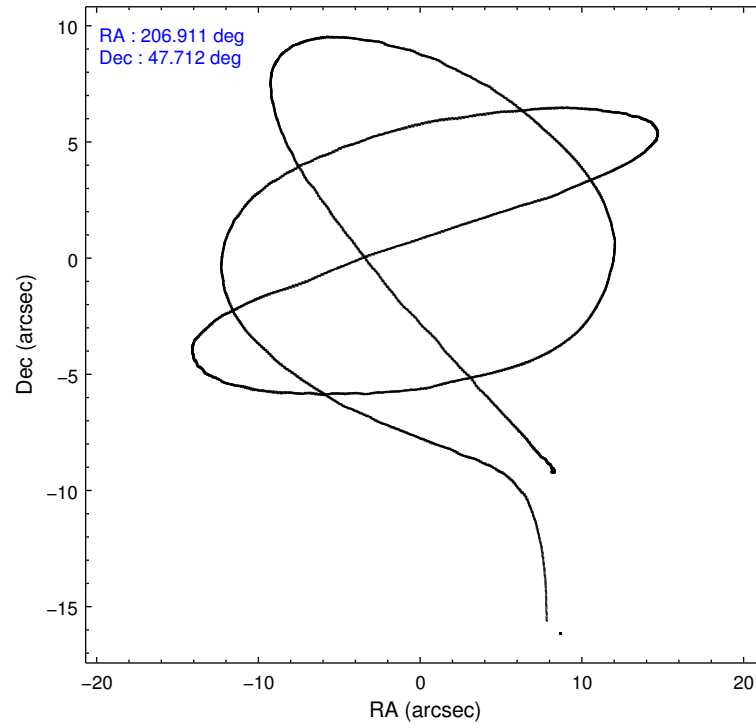
	ccd 7
level 1 events	2729
rejected events	1247
rejected %	45%

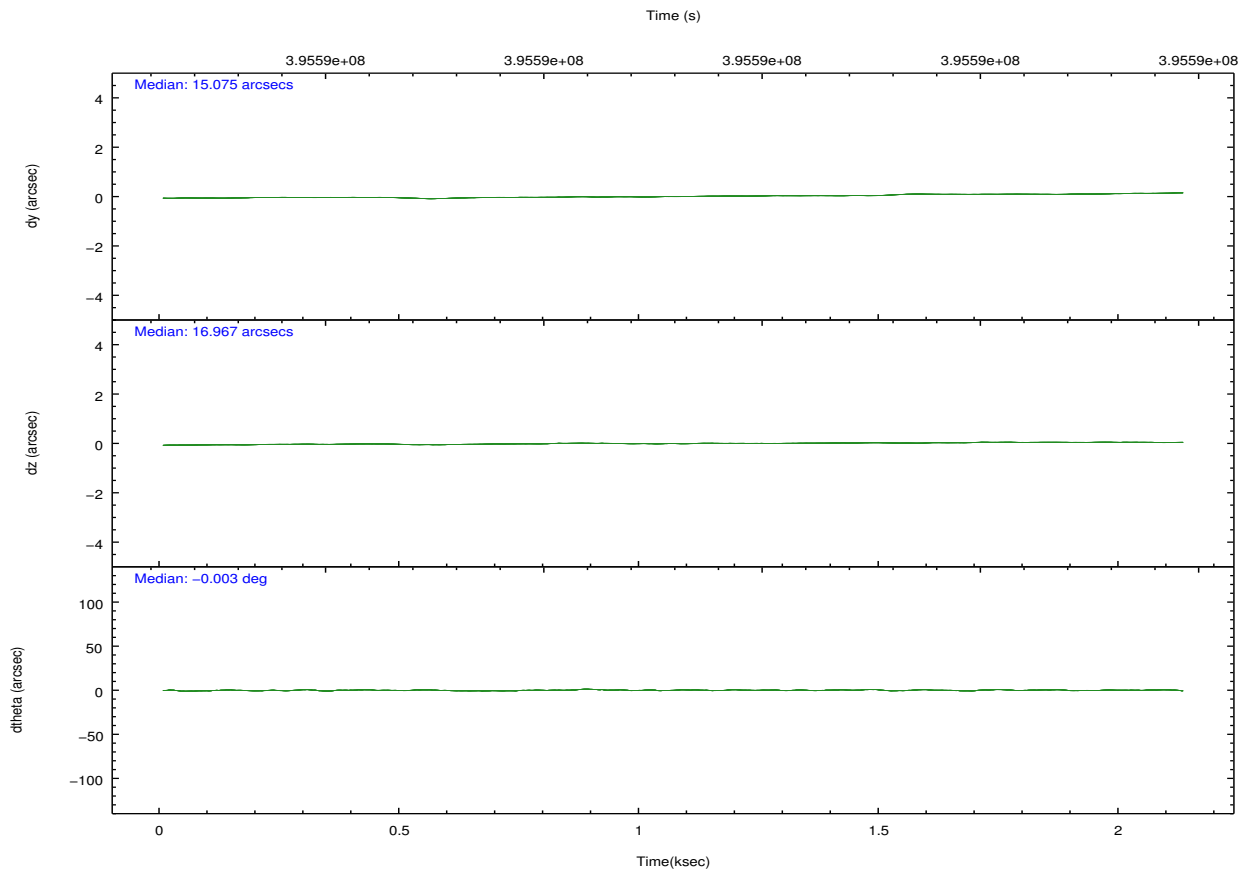
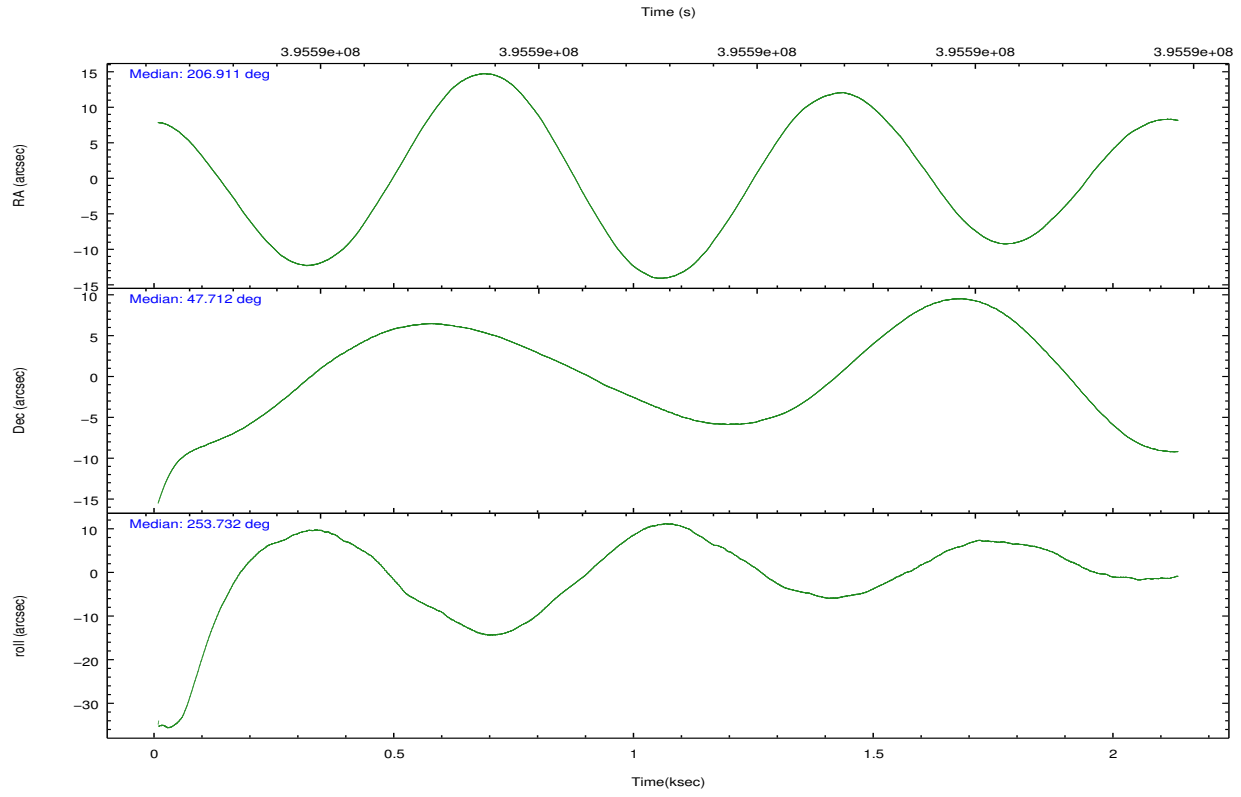
	ccd 7
grade 0 events	188
	6%
grade 1 events	4
	0%
grade 2 events	300
	10%
grade 3 events	203
	7%
grade 4 events	198
	7%
grade 5 events	236
	8%
grade 6 events	593
	21%
grade 7 events	1007
	36%

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	206.900885	206.9110579140327	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	47.738994	47.712350334063	Subarray start row	449	449
[deg] Pointing Roll	253.589188	253.7381083067304	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)	395588361.184000	395586637.90779			
Observation start date	2010-07-15T13:38:15	2010-07-15T13:10:37			
[s] Observation end time (MET)	395590361.184000	395591192.49553			
Observation end date	2010-07-15T14:11:35	2010-07-15T14:26:32			
Read mode	TIMED	TIMED			

2.3 Aspect



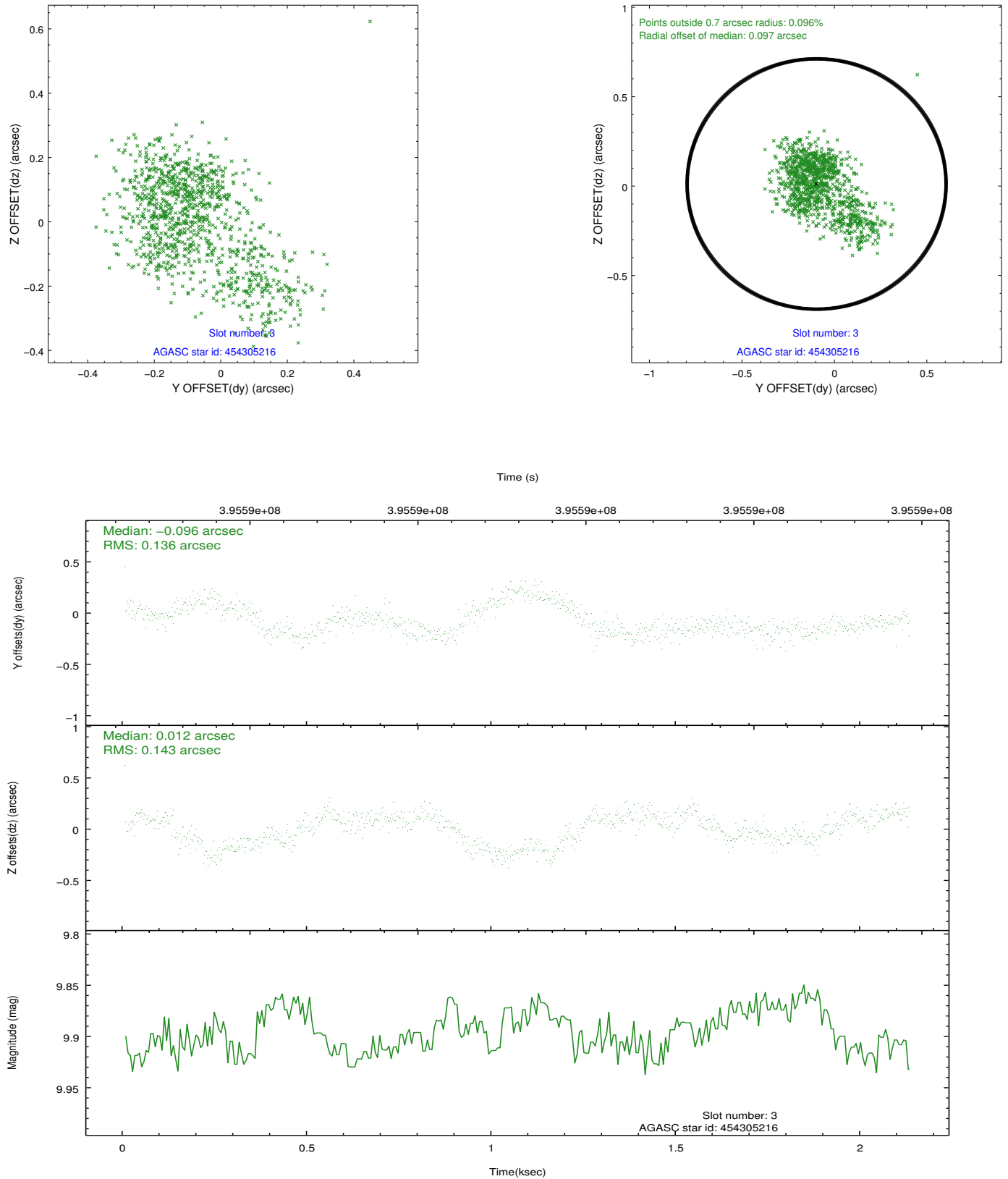


Slot Statistics

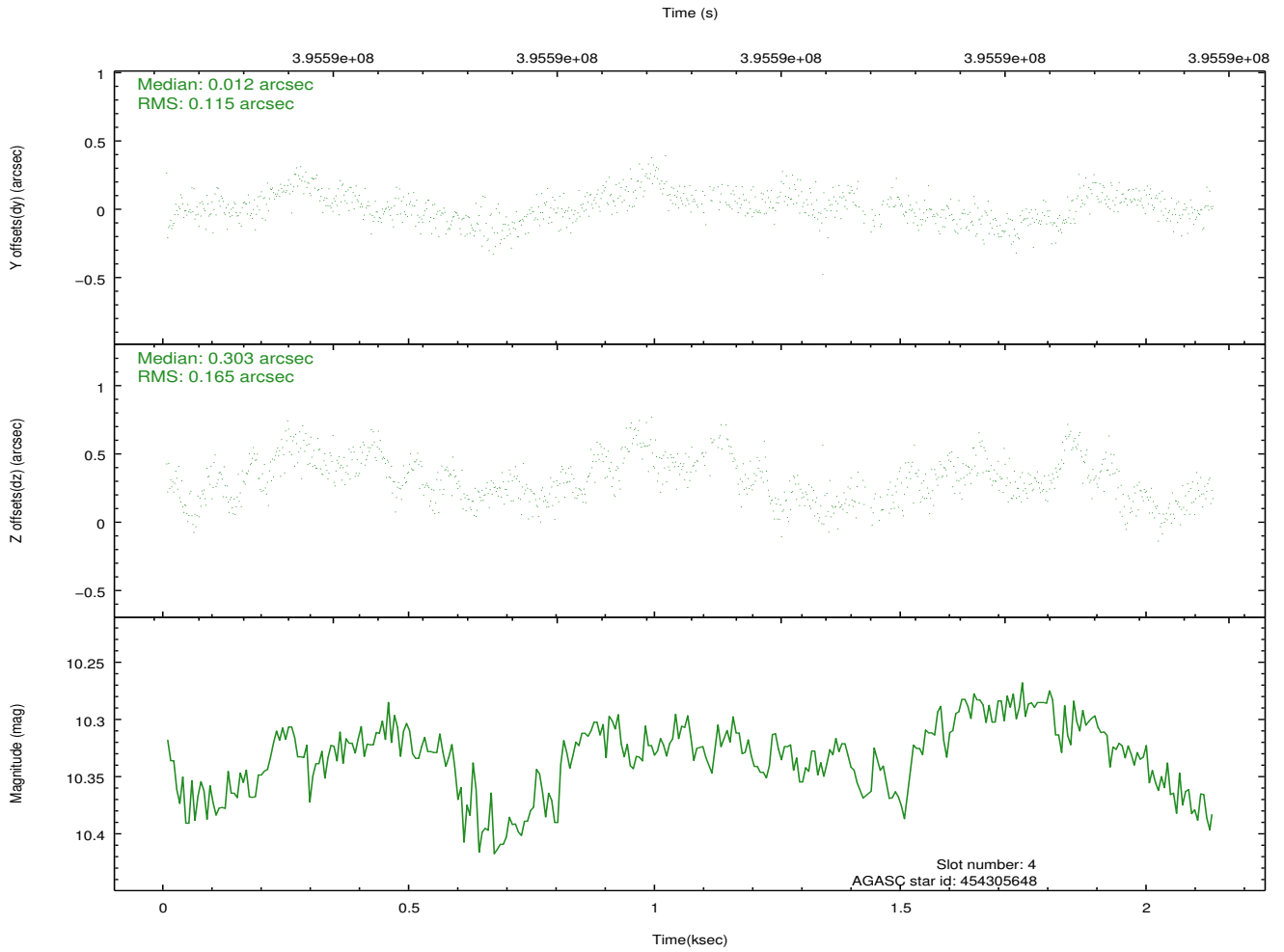
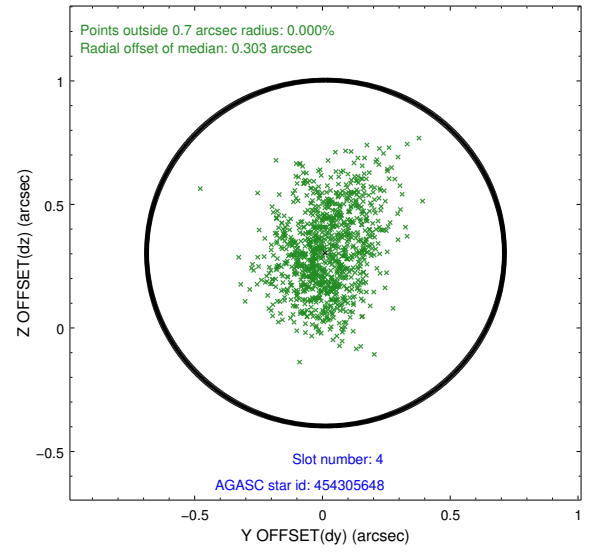
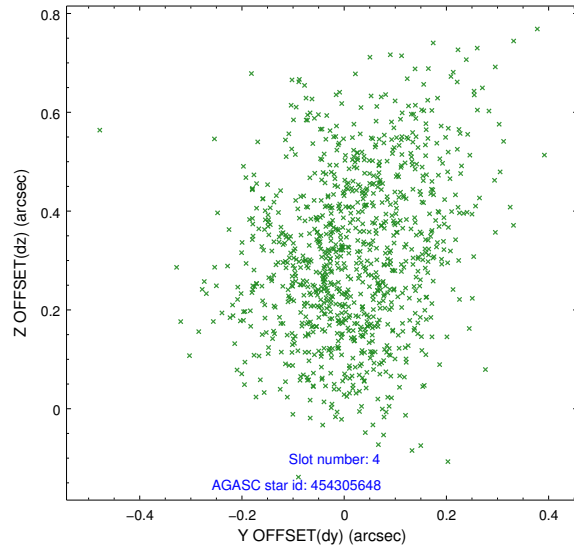
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	519	-0.066	-0.026	0.006	0.011	0.000000	0.000000	-768.17	-1738.35
1	FID	ACIS-S-4	6.97	518	0.175	0.039	0.006	0.013	0.000000	0.000000	2143.98	166.93
2	FID	ACIS-S-5	7.00	519	-0.140	-0.004	0.006	0.011	0.000000	0.000000	-1817.11	164.16
3	GUIDE	454305216	9.90	1039	-0.096	0.012	0.198	0.379	206.192608	47.532939	1190.36	-1443.55
4	GUIDE	454305648	10.33	1013	0.012	0.303	0.212	0.340	206.148847	48.324637	-1520.93	-2326.34
5	GUIDE	454431840	9.78	1038	0.021	-0.025	0.190	0.273	207.530278	47.821100	-720.85	1371.30
6	GUIDE	454432664	10.03	1039	-0.017	-0.217	0.168	0.256	207.333580	48.251717	-2067.51	473.79
7	GUIDE	454435824	8.24	1038	0.047	-0.052	0.092	0.142	206.569083	48.071801	-927.74	-1104.46

2.4 Star Slots

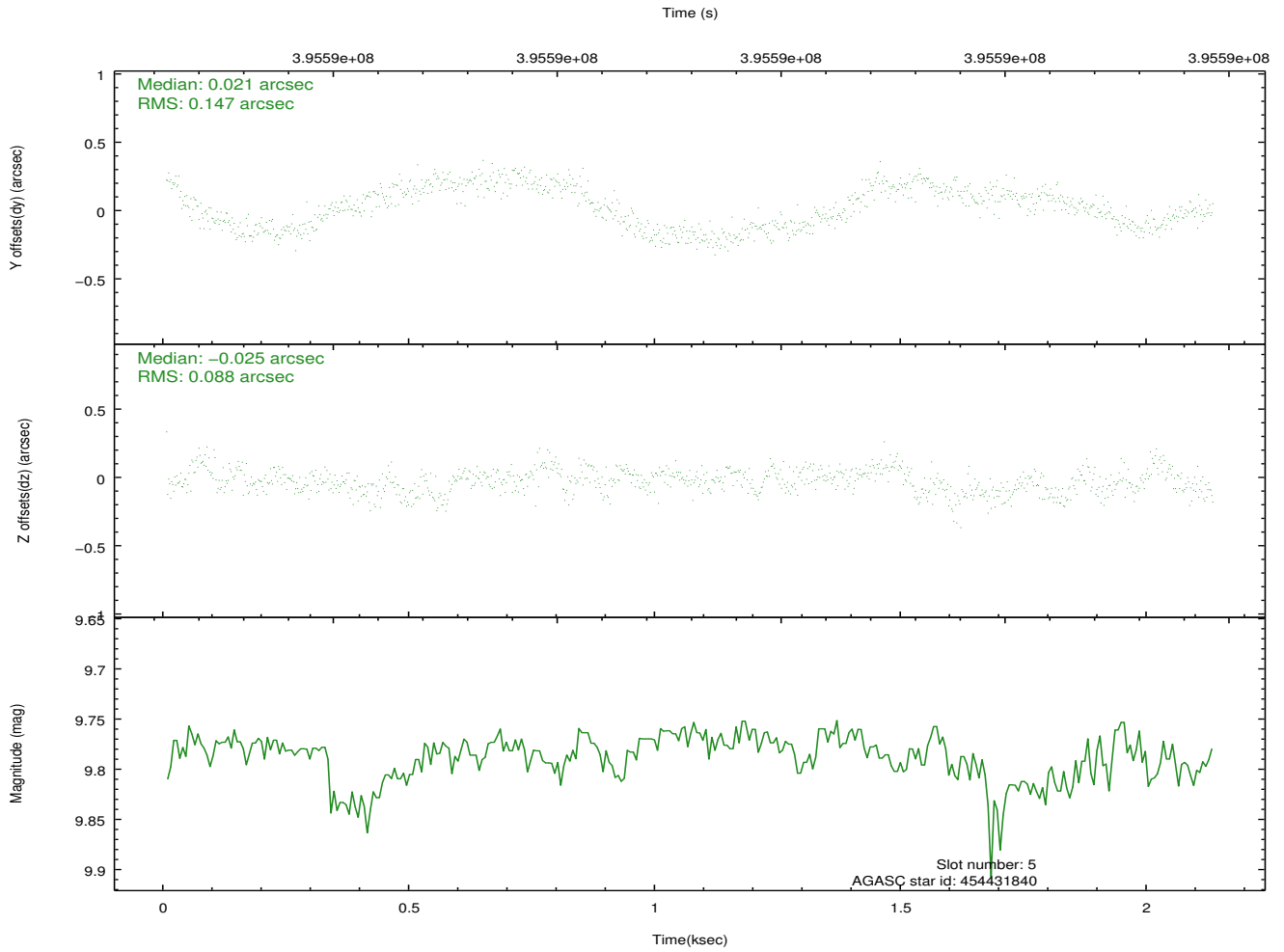
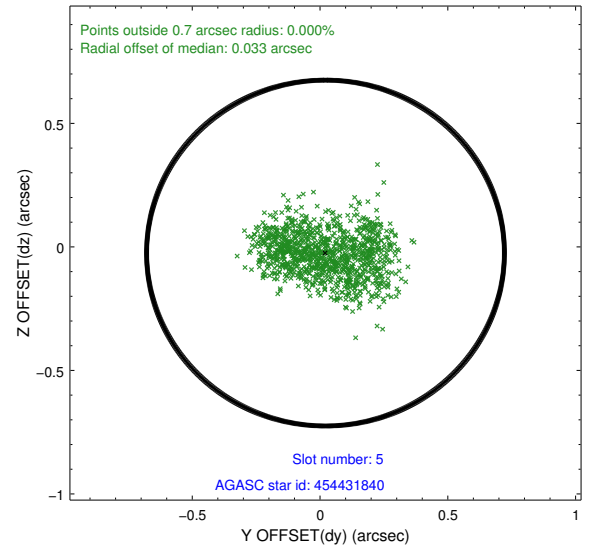
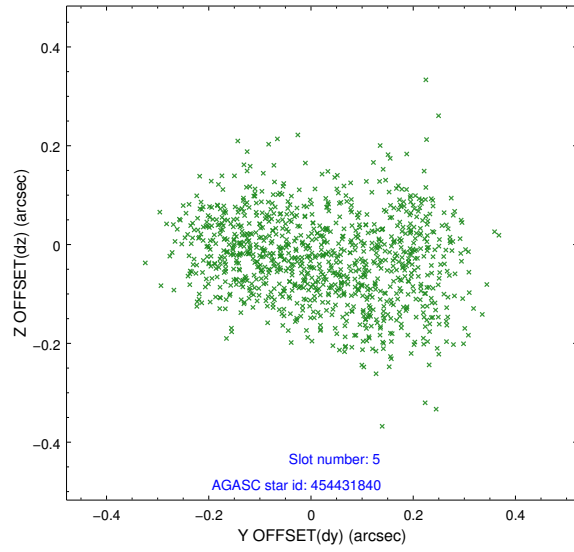
2.4.1 Slot 3



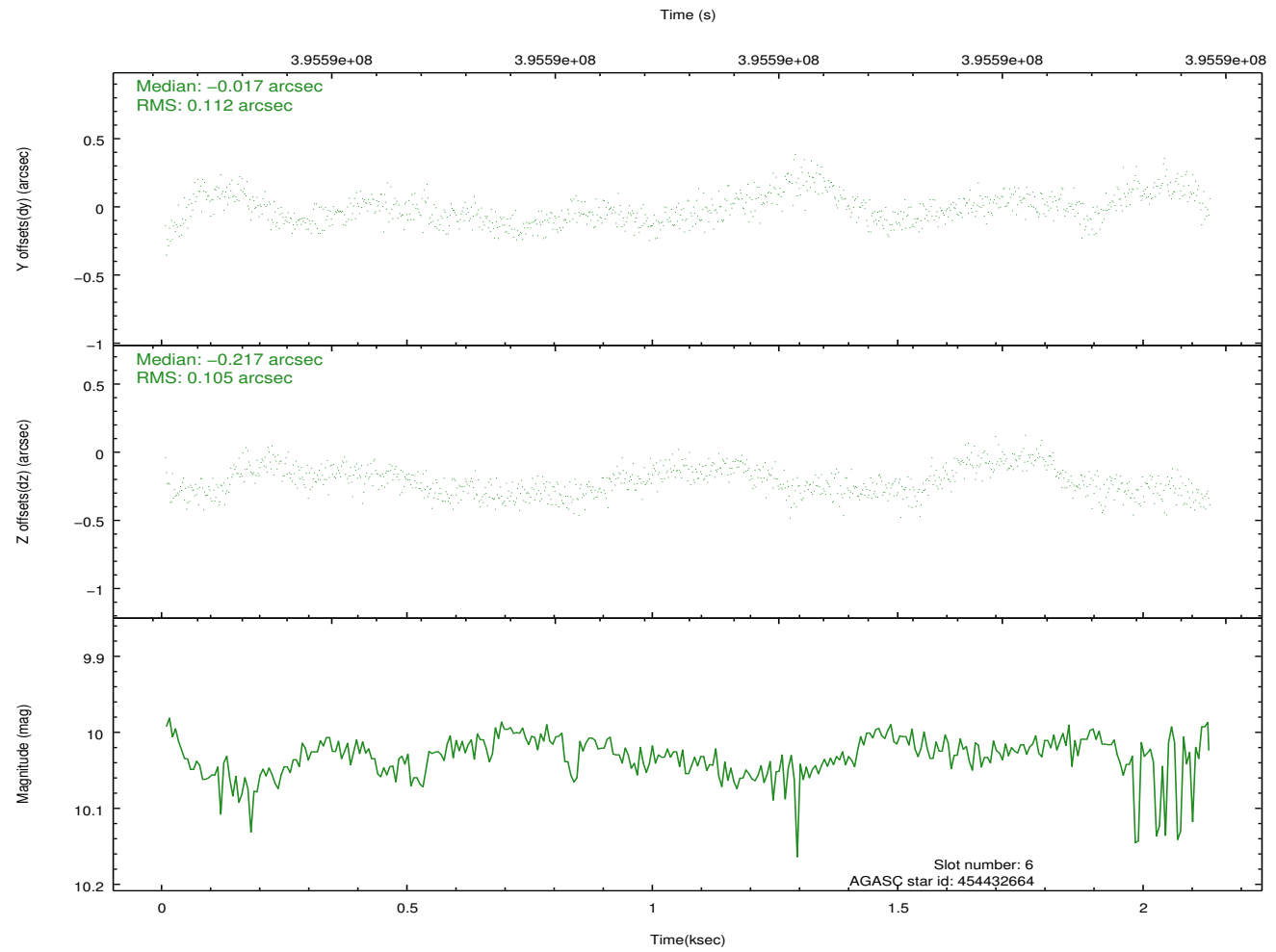
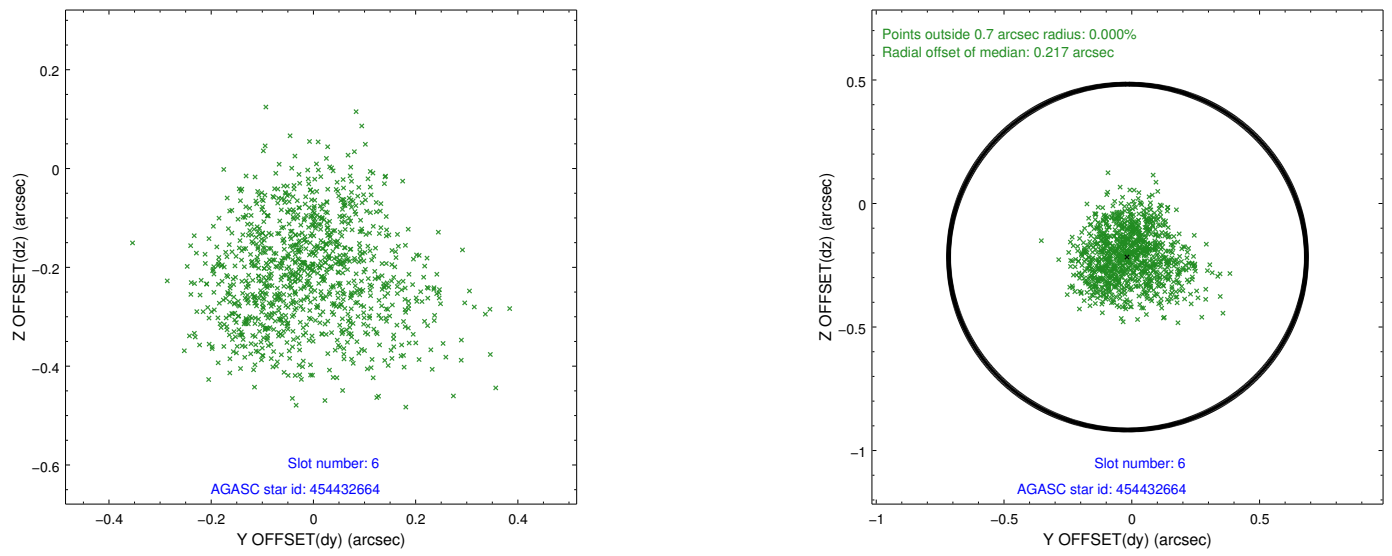
2.4.2 Slot 4



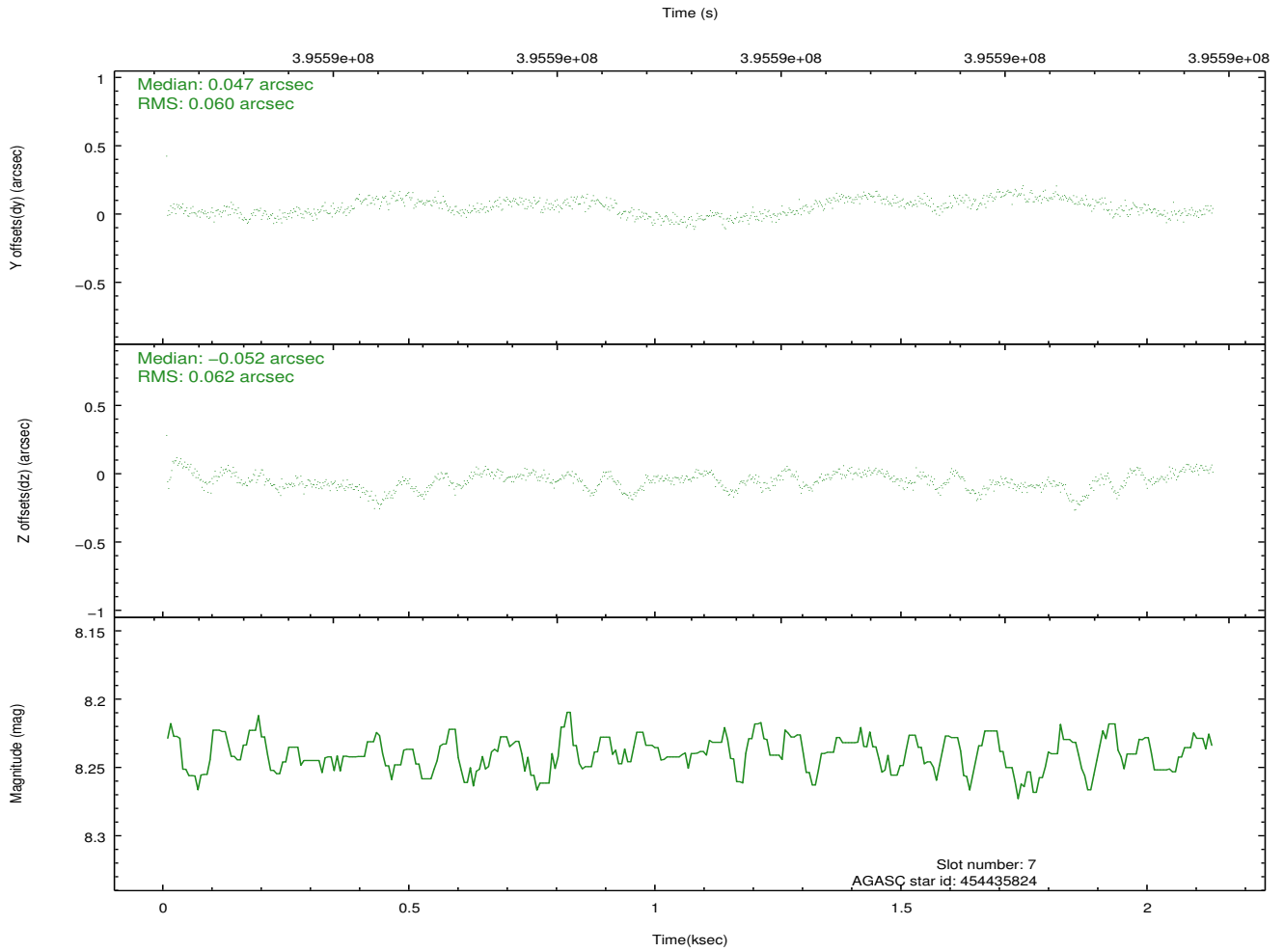
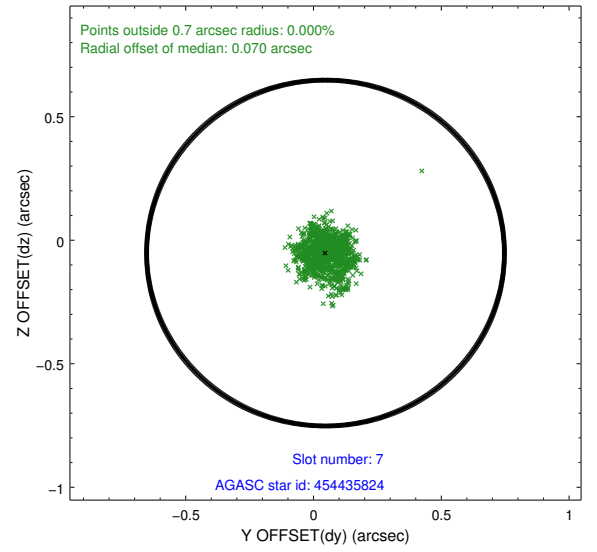
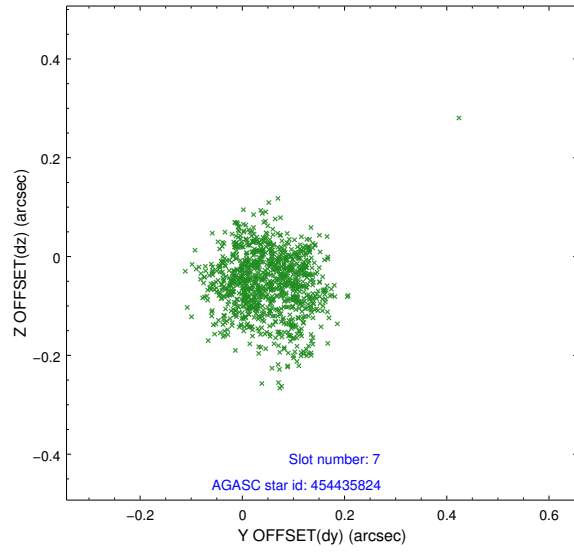
2.4.3 Slot 5



2.4.4 Slot 6

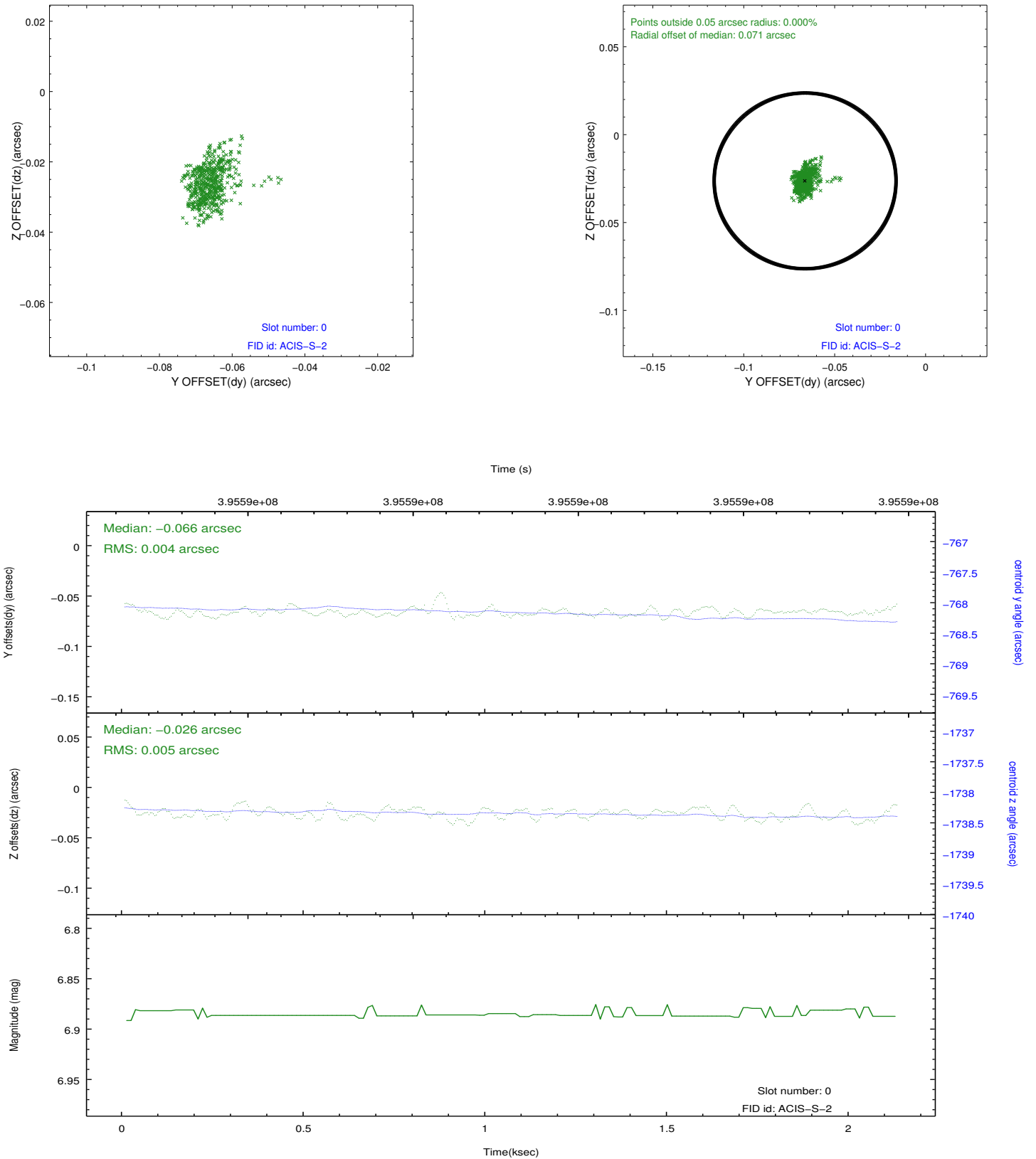


2.4.5 Slot 7

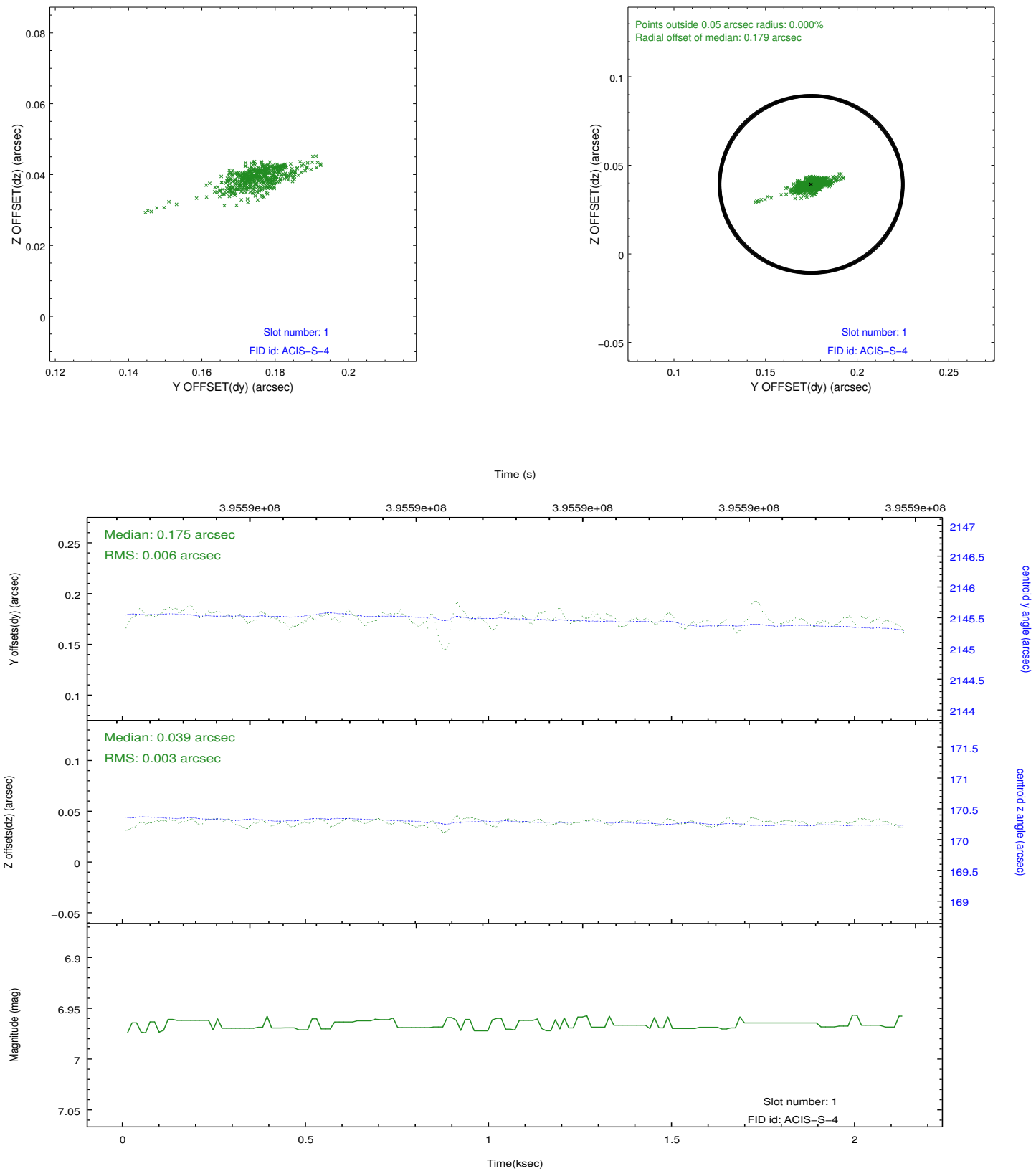


2.5 FID Slots

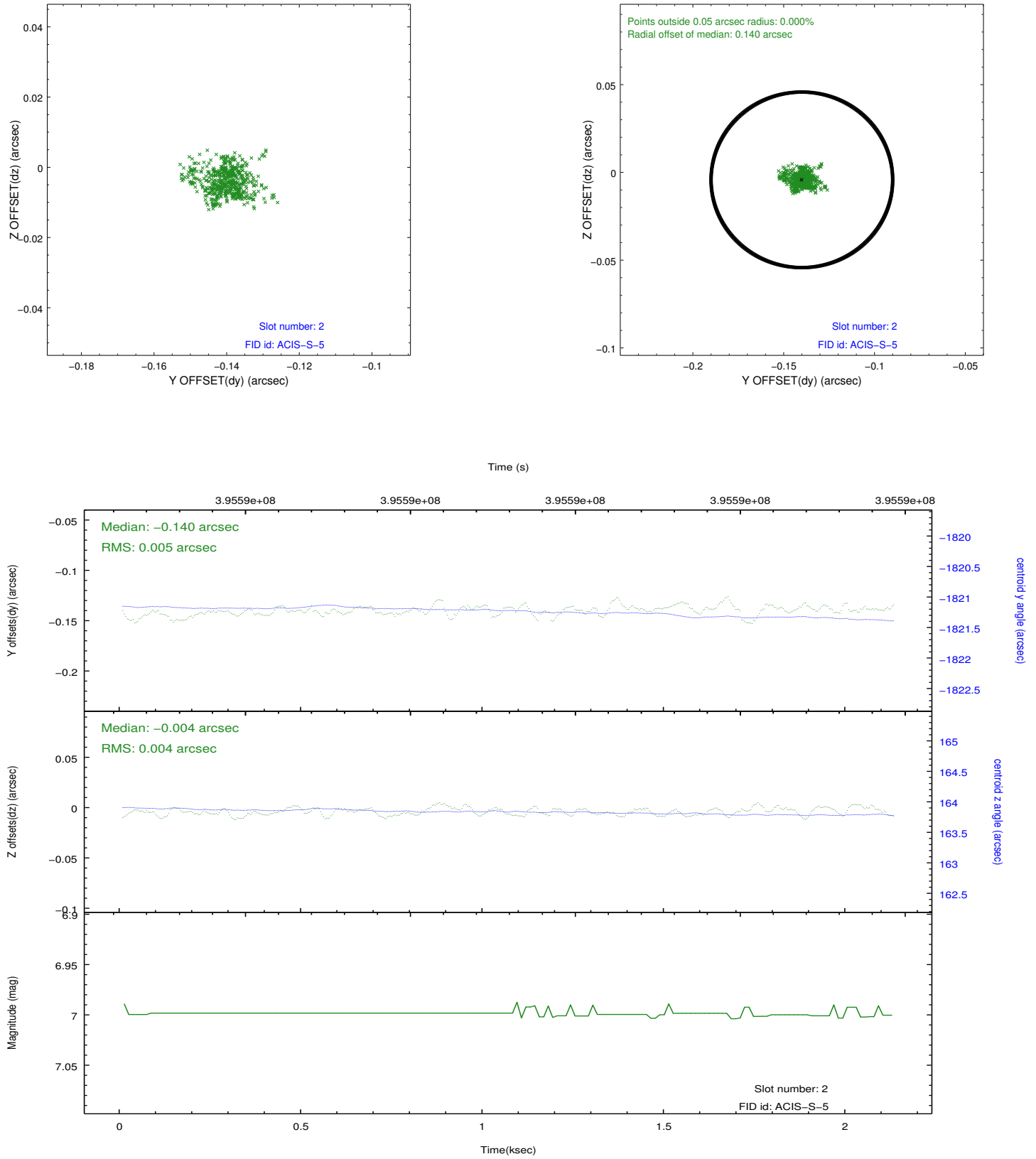
2.5.1 Slot 0



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	2.00839988029

A.2 Comments