

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11480 - L2 Version 2
Chandra X-Ray Center

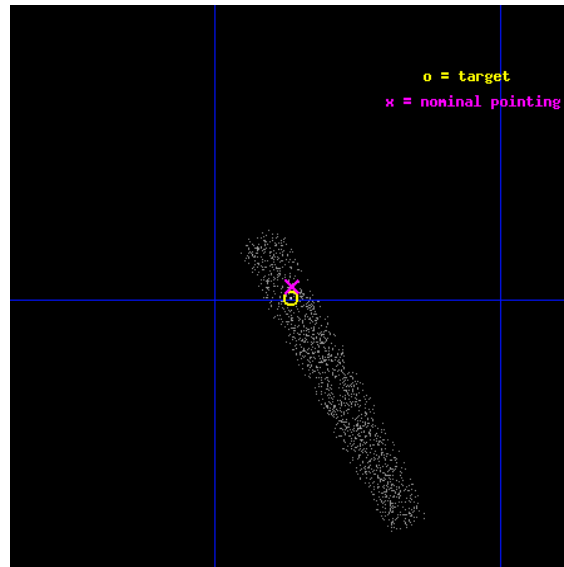
L2 Processing Date : Jun 19 2012

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1 Front

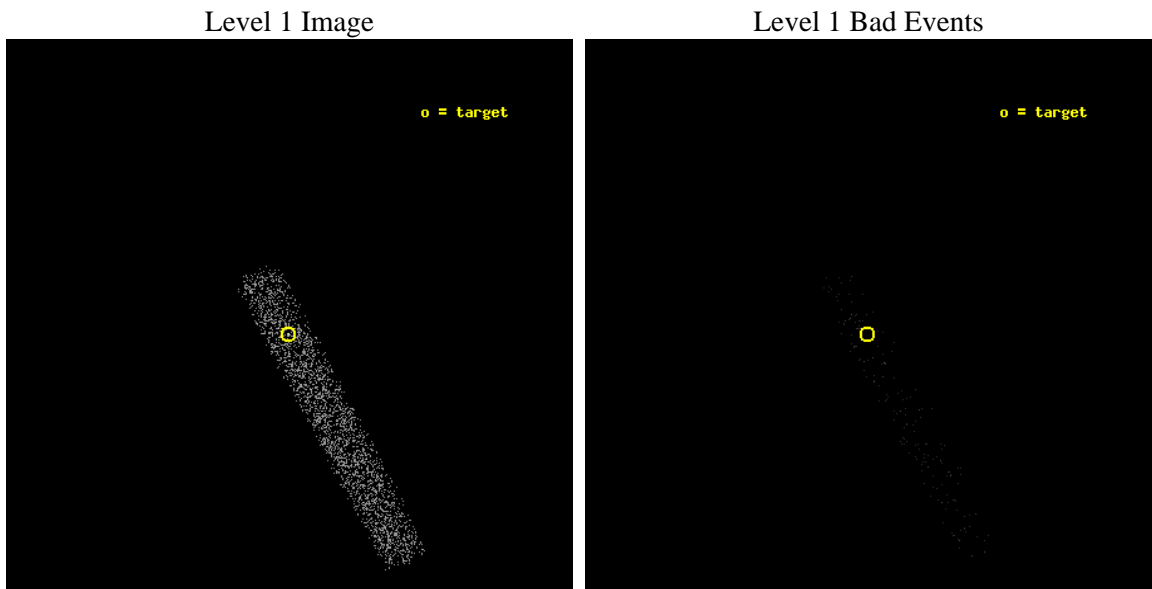
seq_num	702066	Sequence number
obs_id	11480	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J161751.98-001957.4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.466667	Observer's specified target RA [deg]
dec_targ	-0.332611	Observer's specified target Dec [deg]
ra_nom	244.46627517602	Nominal RA [deg]
dec_nom	-0.32782880680124	Nominal Dec [deg]
roll_nom	61.953922808201	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2165.9998708963	Sum of GTIs [s]
livetime	1964.4475520555	Livetime [s]
ontime7	2165.9998708963	Sum of GTIs [s]
l2events	1572	Number of level 2 events



2 OBI

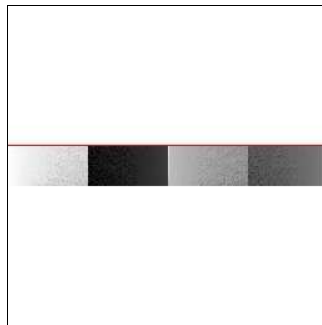
2.1 OBI

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	2165.9998708963	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2165.9998708963	Sum of GTIs [s]
date	2012-06-19T08:40:48	Date and time of file creation	l1events	5056	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	5056
rejected events	3424
rejected %	67%

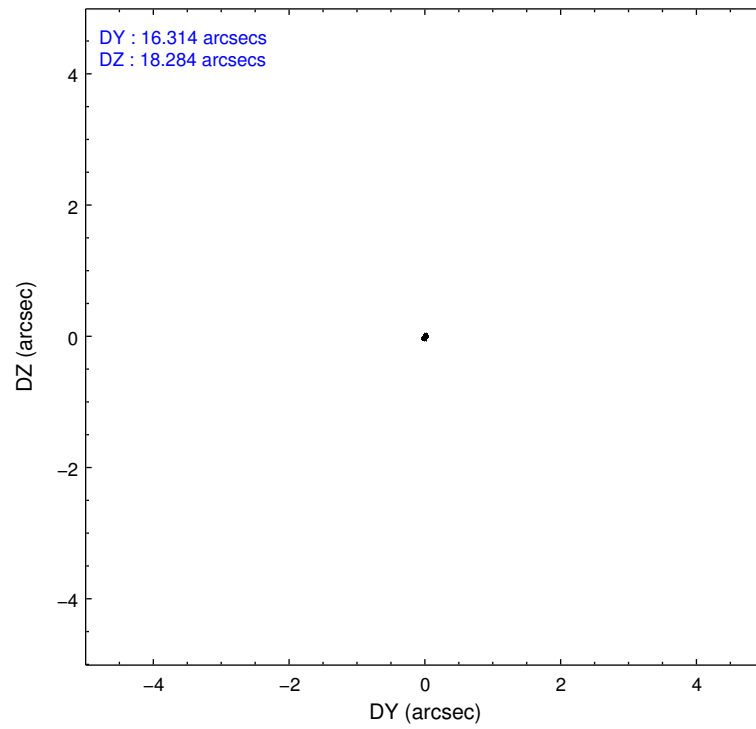
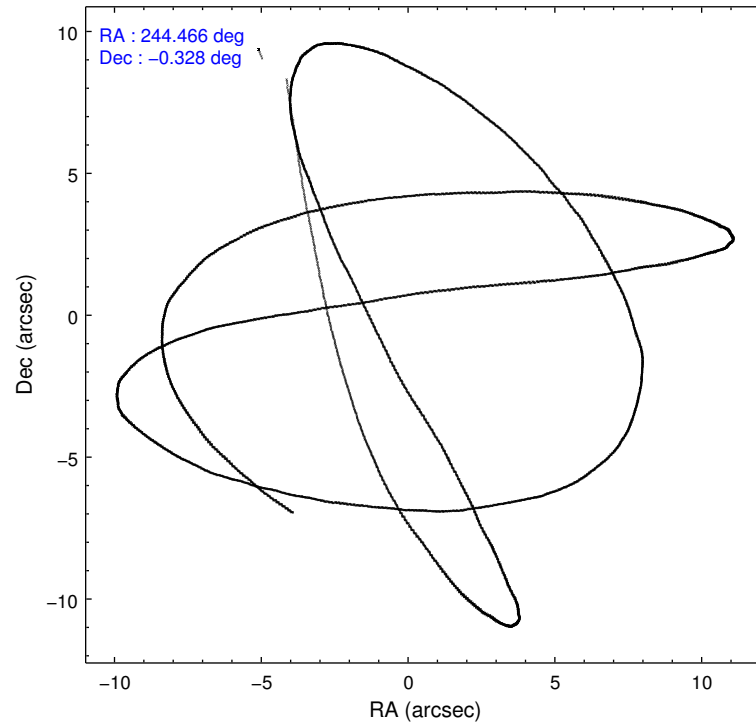
	ccd 7
grade 0 events	299
	5%
grade 1 events	7
	0%
grade 2 events	513
	10%
grade 3 events	351
	6%
grade 4 events	342
	6%
grade 5 events	498
	9%
grade 6 events	1131
	22%
grade 7 events	1915
	37%

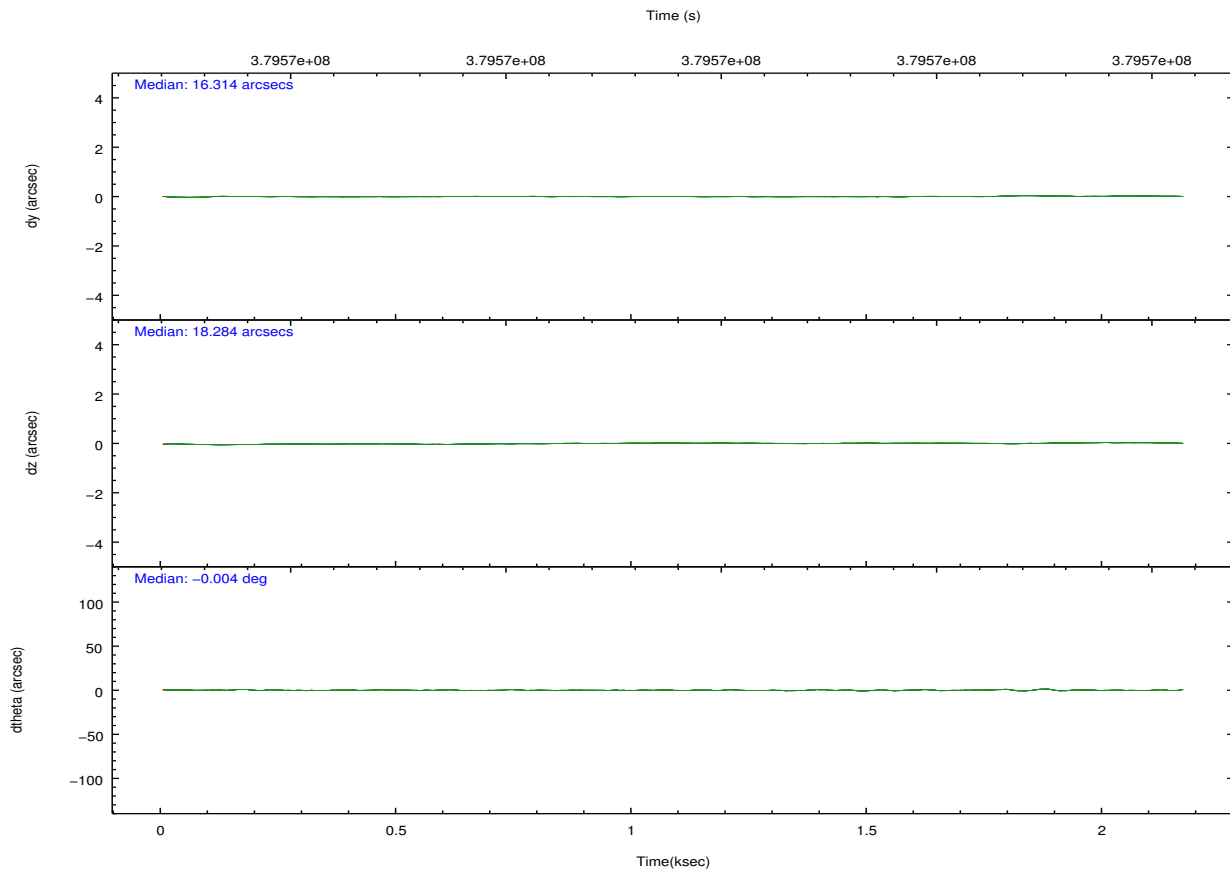
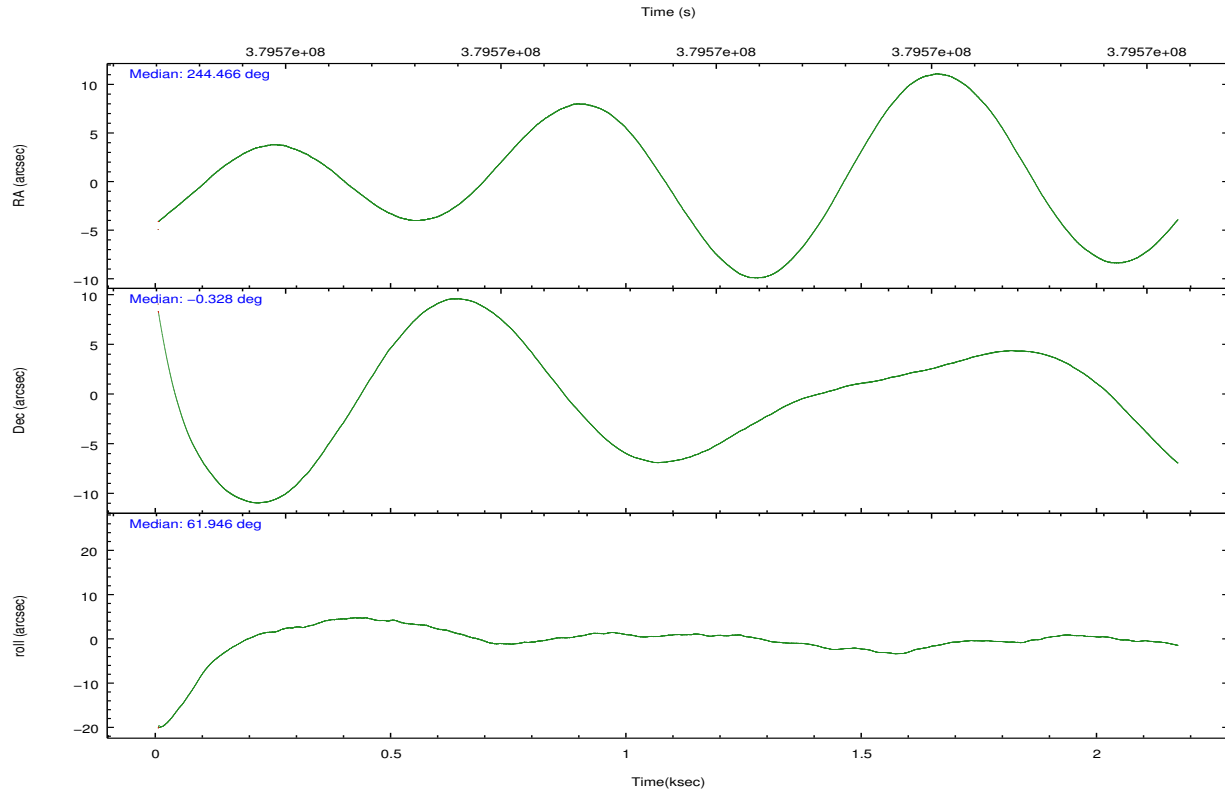
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	244.467670	244.4662751760156
[deg] Pointing Dec	-0.355085	-0.3278288068012428
[deg] Pointing Roll	61.797387	61.95392280820146
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1425803651734
[mm] SIM translation stage offset	0	0.01005778216563158
[s] Observation start time (MET)	379568973.184000	379567451.2435
Observation start date	2010-01-11T03:48:27	2010-01-11T03:24:11
[s] Observation end time (MET)	379570973.184000	379571916.14373
Observation end date	2010-01-11T04:21:47	2010-01-11T04:38:36
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/8
Subarray start row	449	449
Subarray row count	128	128
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.4

2.3 Aspect



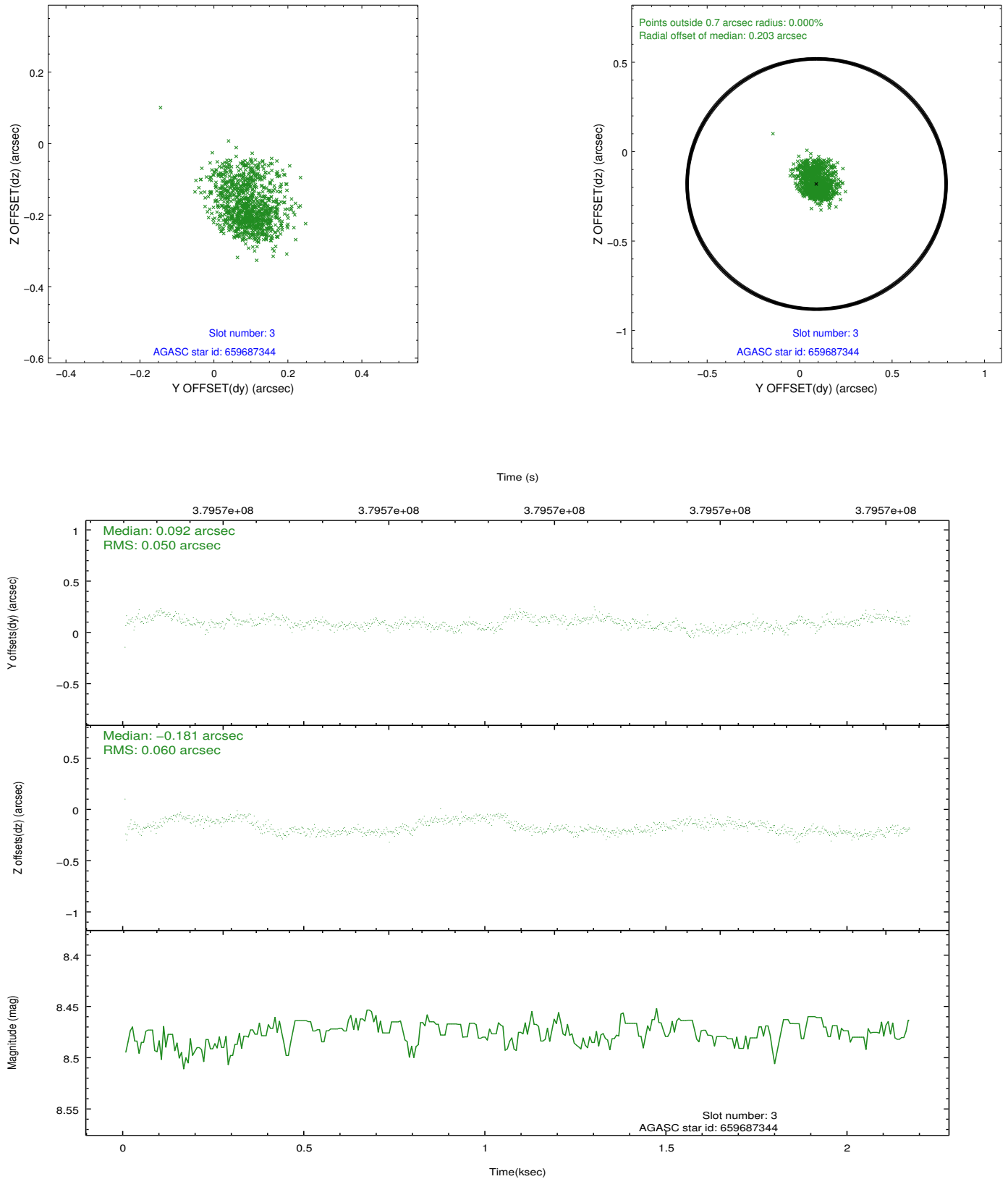


Slot Statistics

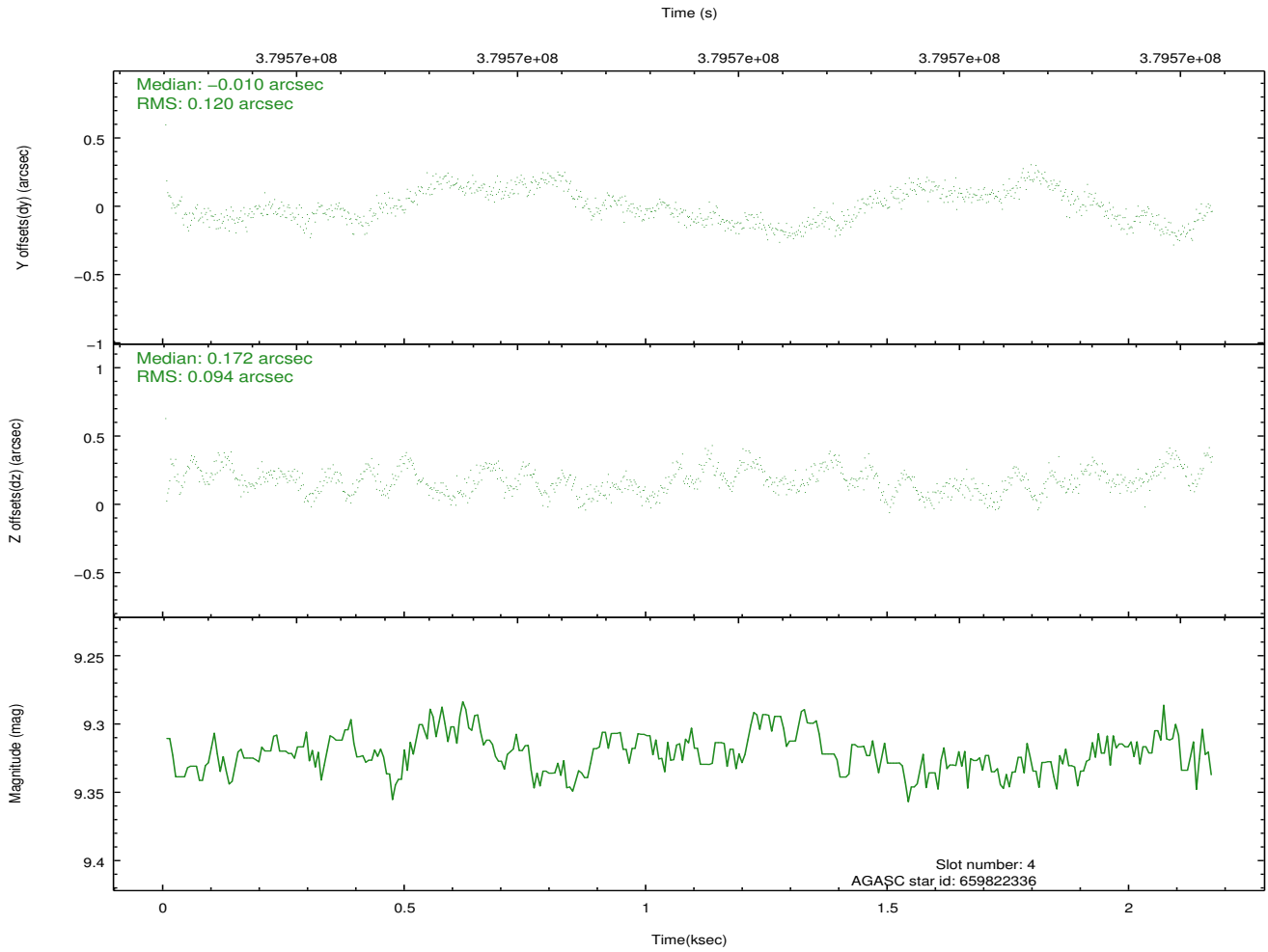
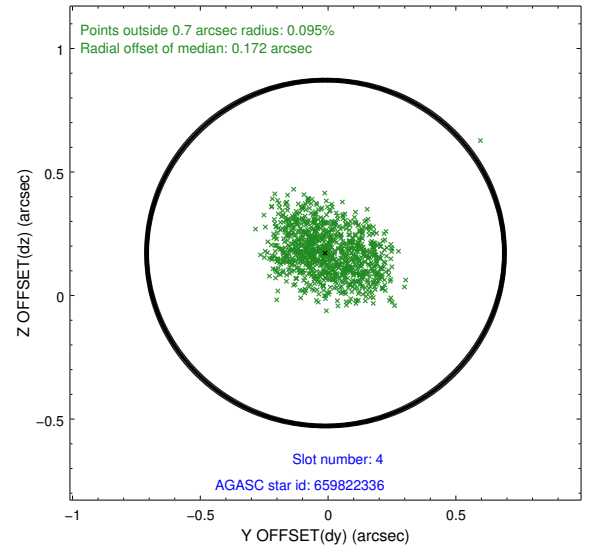
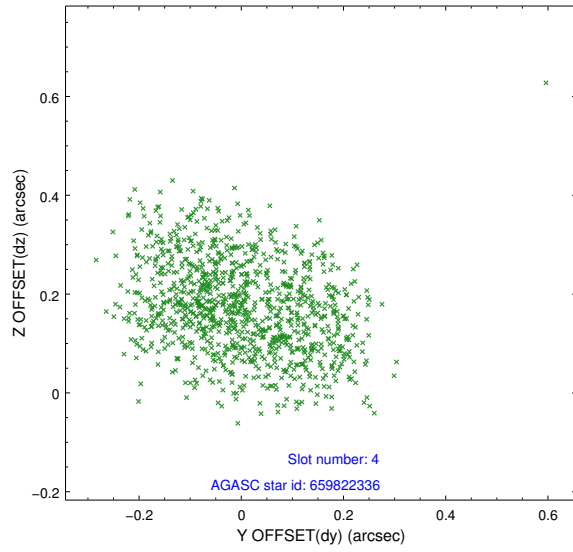
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.94	529	0.060	-0.002	0.006	0.011	0.000000	0.000000	926.74	-1735.34
1	FID	ACIS-S-4	6.95	529	0.065	-0.023	0.006	0.010	0.000000	0.000000	2145.84	165.65
2	FID	ACIS-S-5	6.98	529	-0.152	0.038	0.006	0.010	0.000000	0.000000	-1818.46	162.79
3	GUIDE	659687344	8.48	1057	0.092	-0.181	0.082	0.134	243.737978	-0.588031	-1980.50	1918.23
4	GUIDE	659822336	9.32	1056	-0.010	0.172	0.169	0.242	244.860618	-0.705315	-443.95	-1840.31
5	GUIDE	659825136	7.57	1055	-0.020	-0.014	0.088	0.140	243.815338	-0.638319	-2008.65	1585.69
6	GUIDE	659825840	9.37	1058	0.065	0.181	0.212	0.353	244.848988	-0.774806	-684.23	-1922.00
7	GUIDE	48244520	9.46	1046	-0.141	-0.165	0.131	0.203	244.368126	0.414502	2271.81	1623.57

2.4 Star Slots

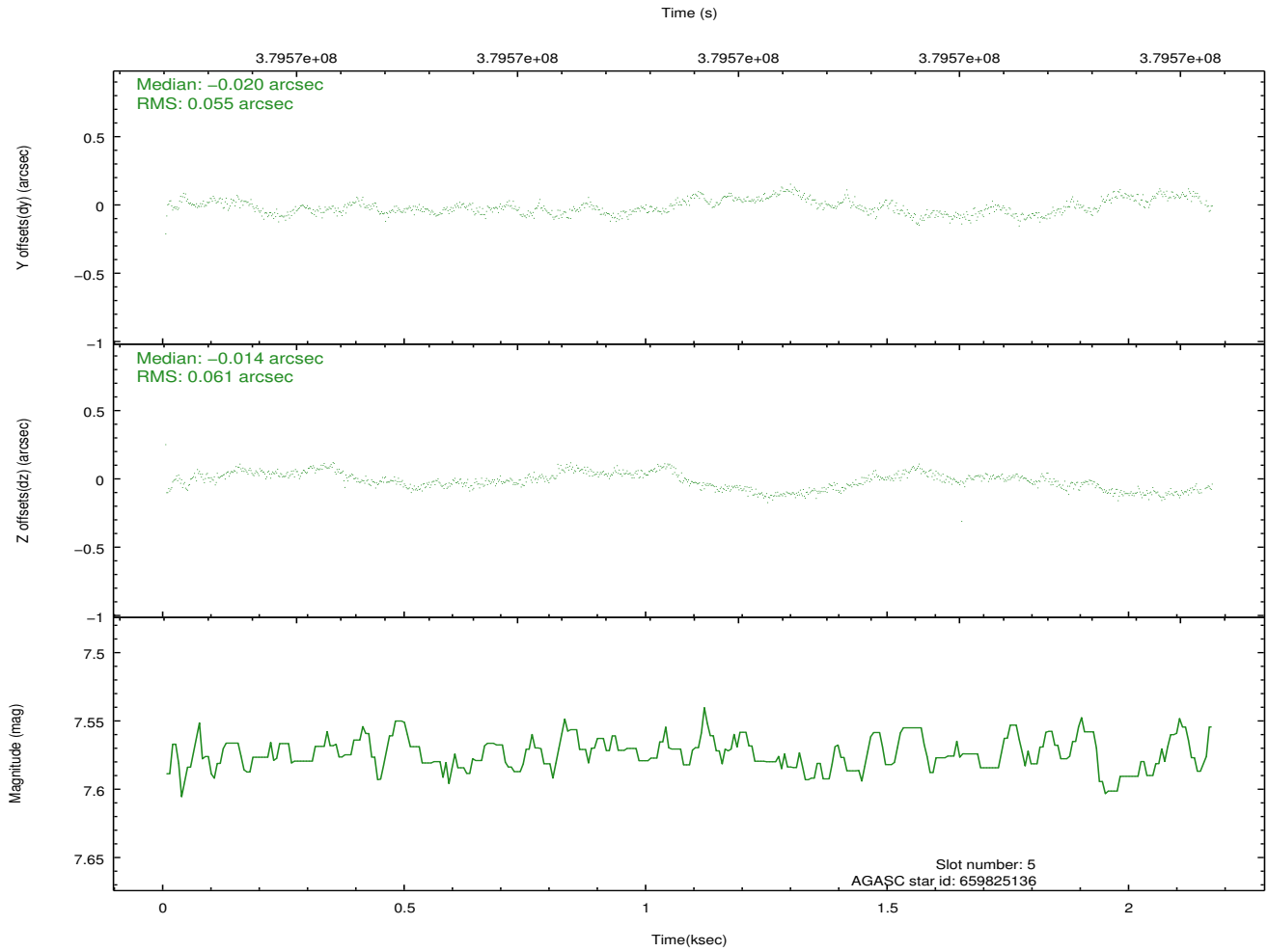
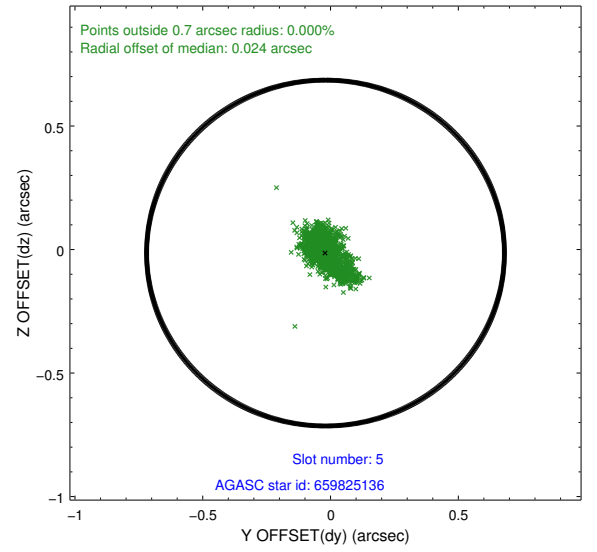
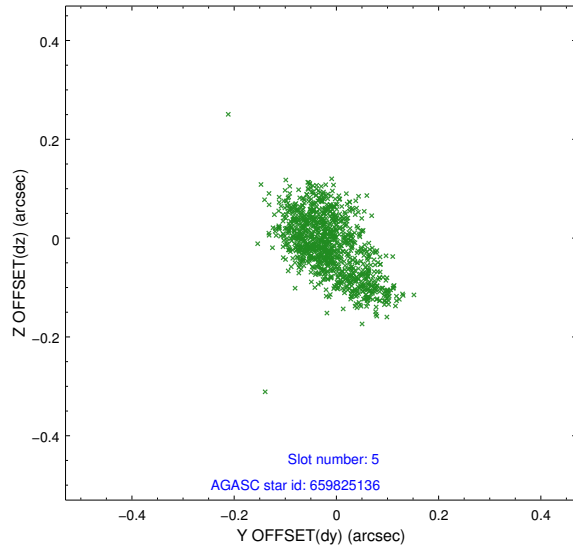
2.4.1 Slot 3



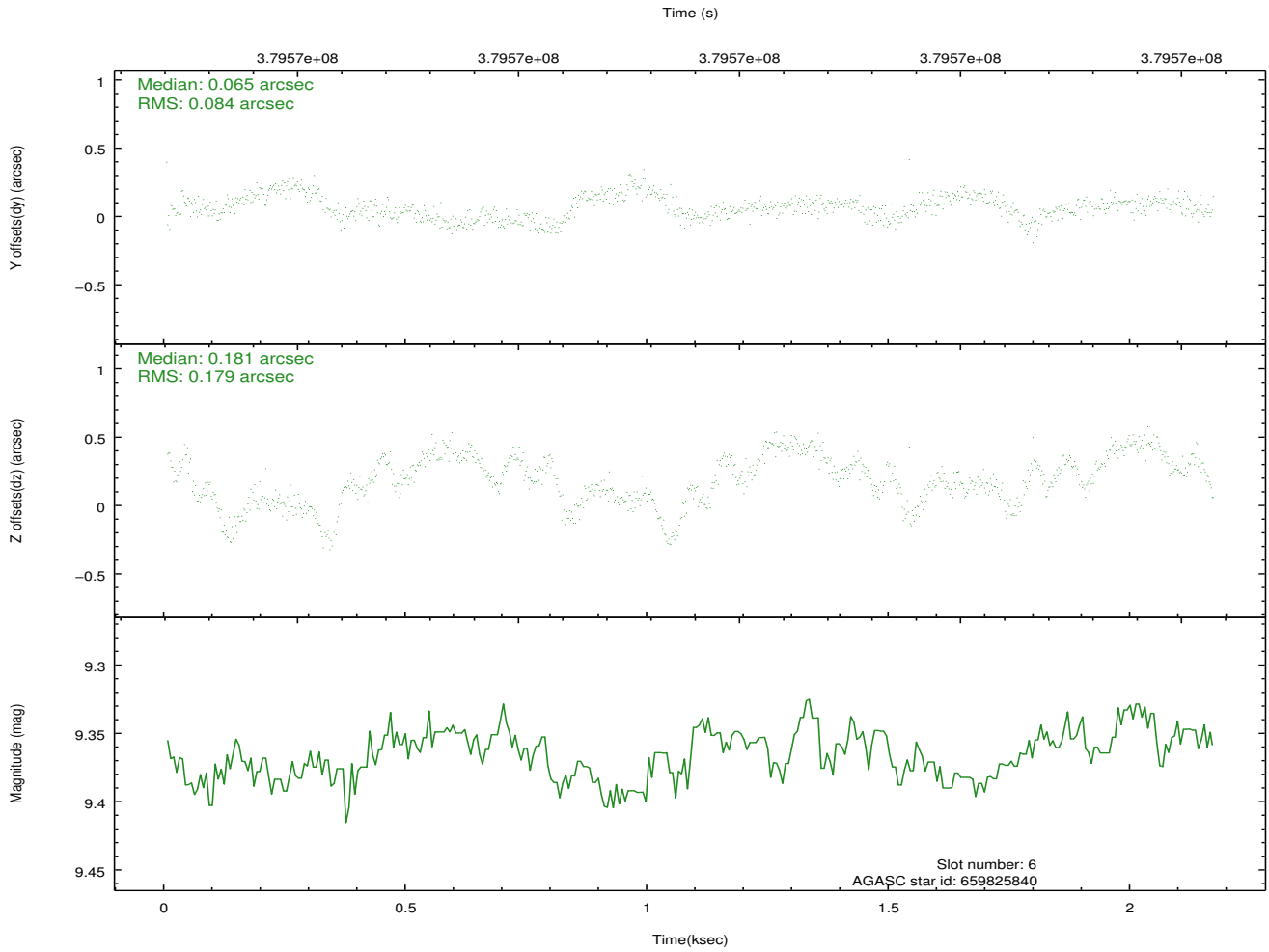
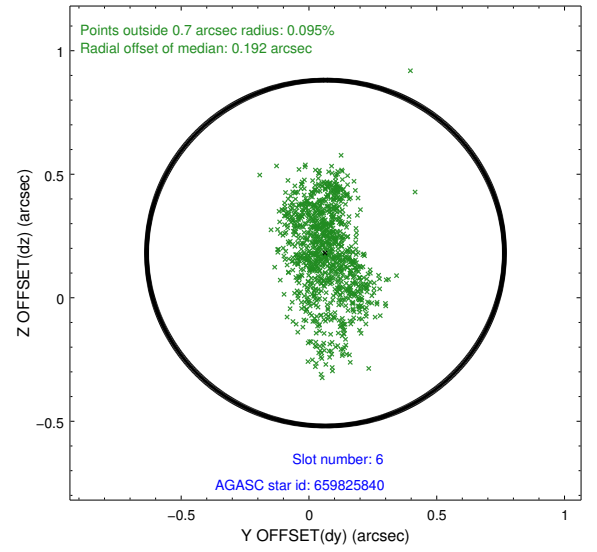
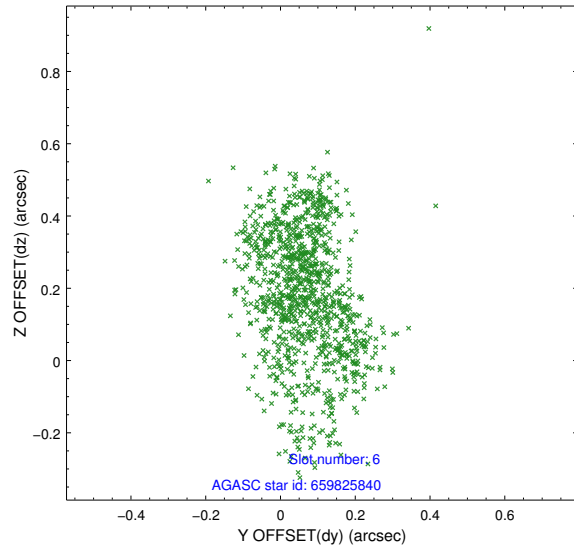
2.4.2 Slot 4



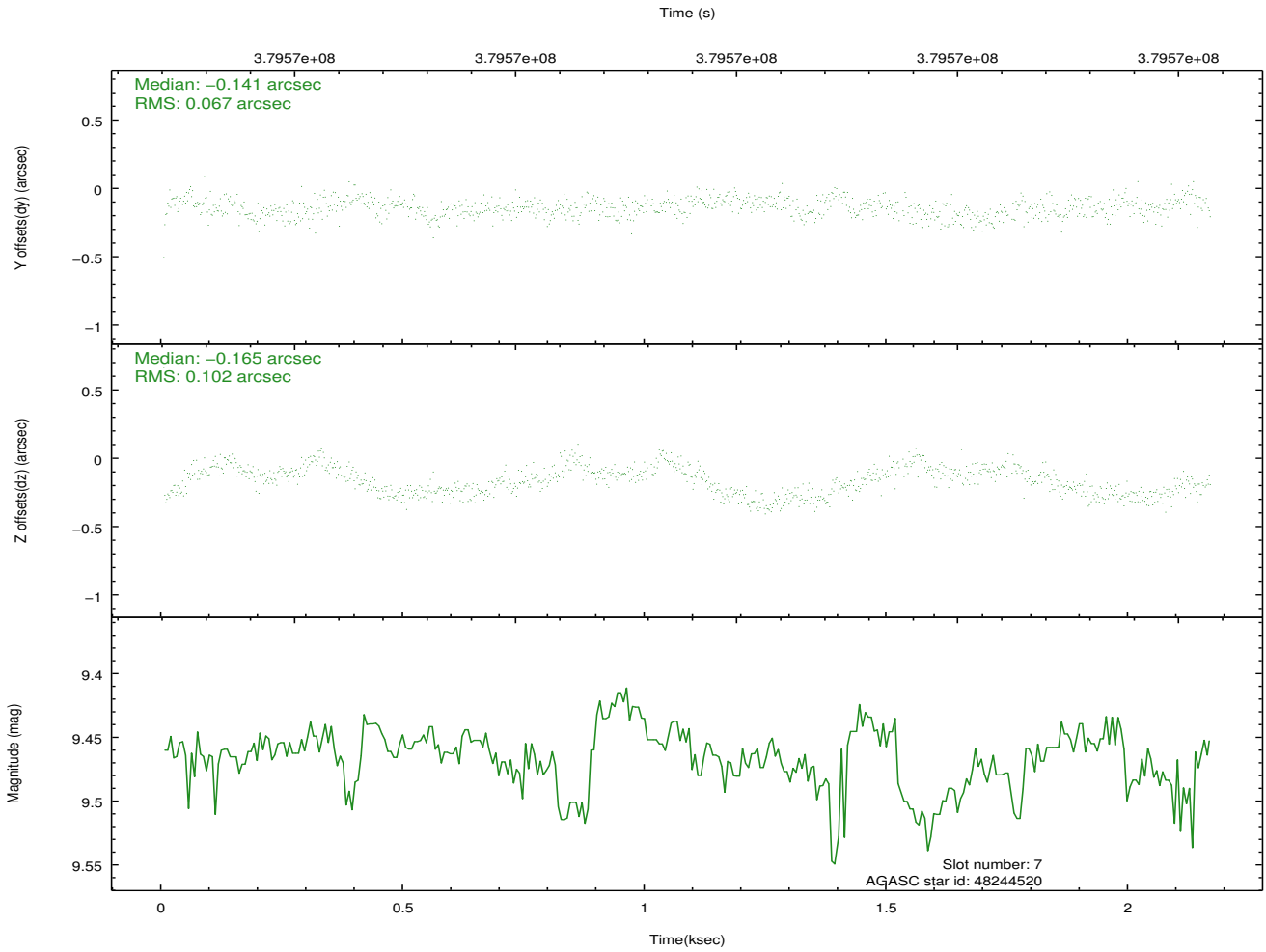
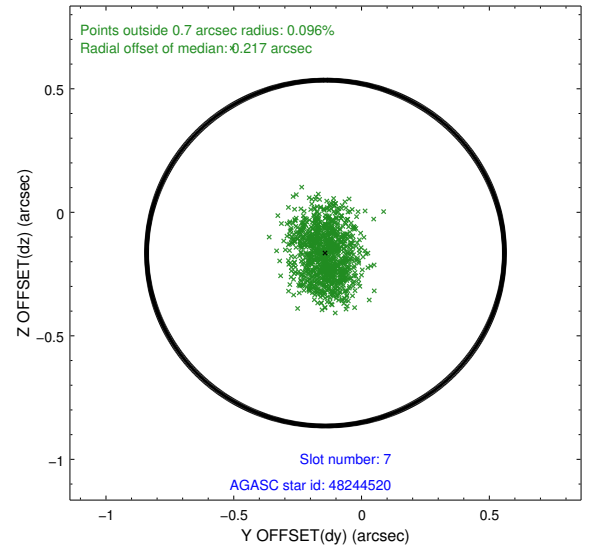
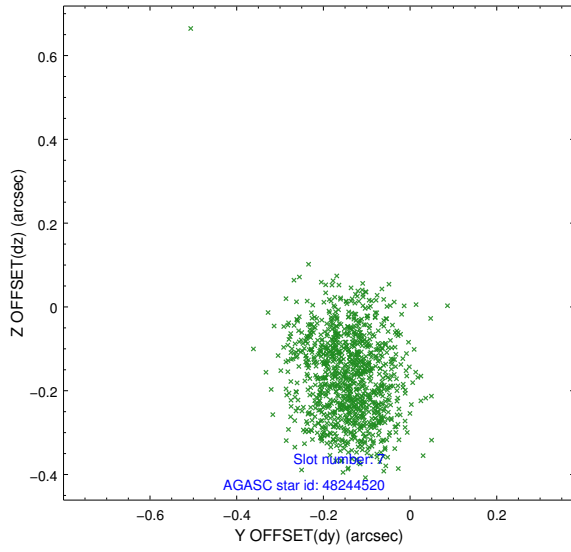
2.4.3 Slot 5



2.4.4 Slot 6

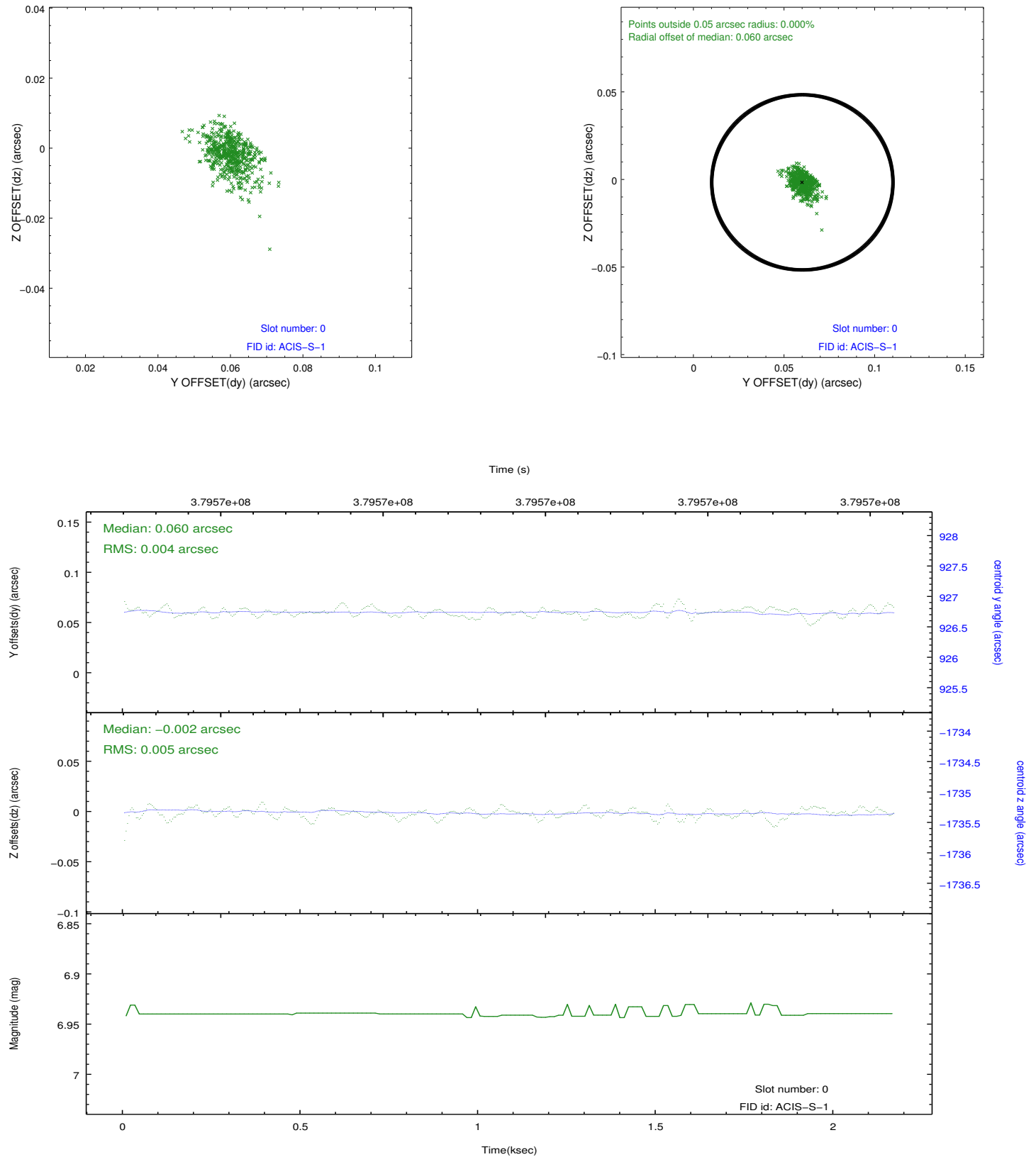


2.4.5 Slot 7

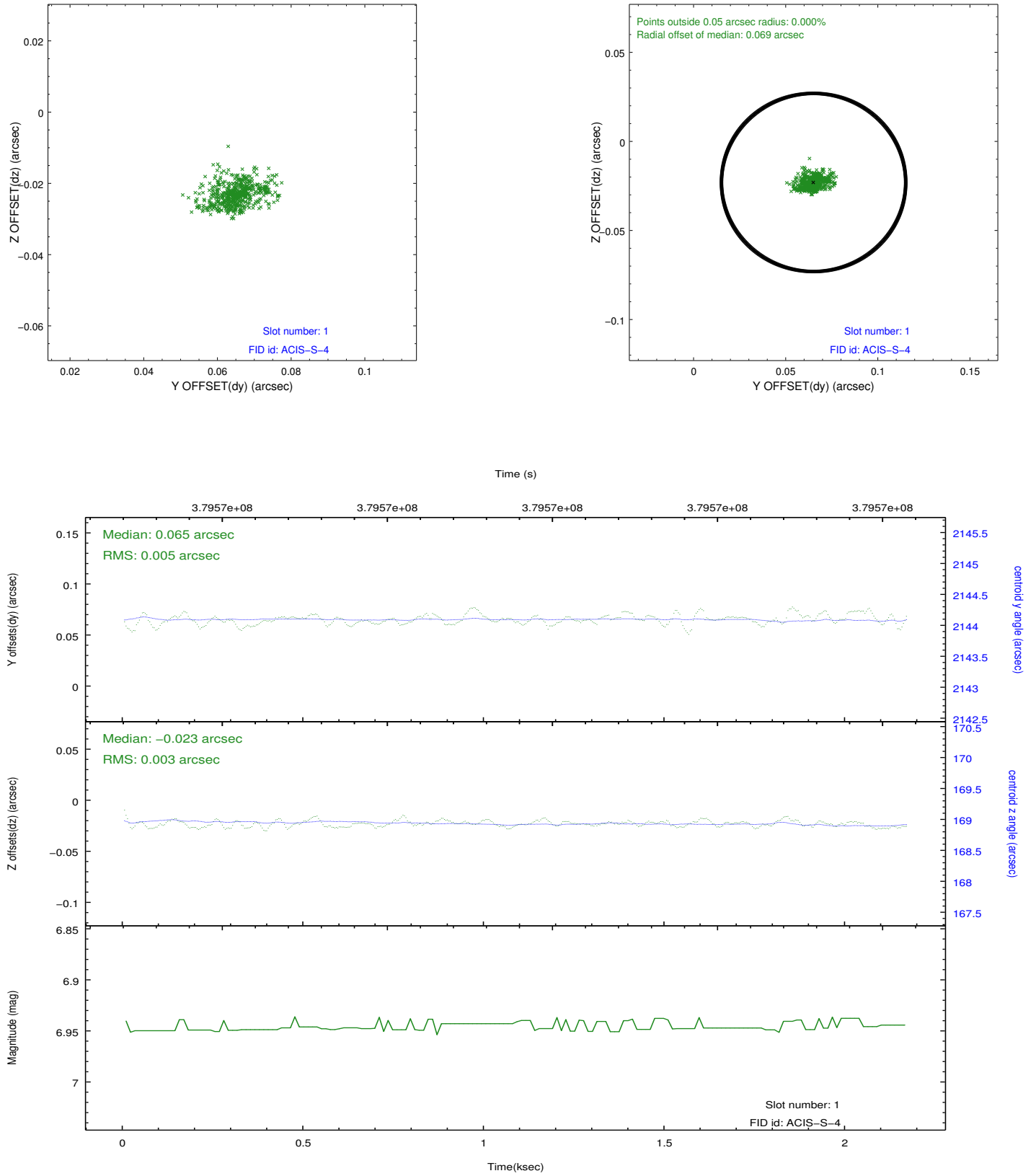


2.5 FID Slots

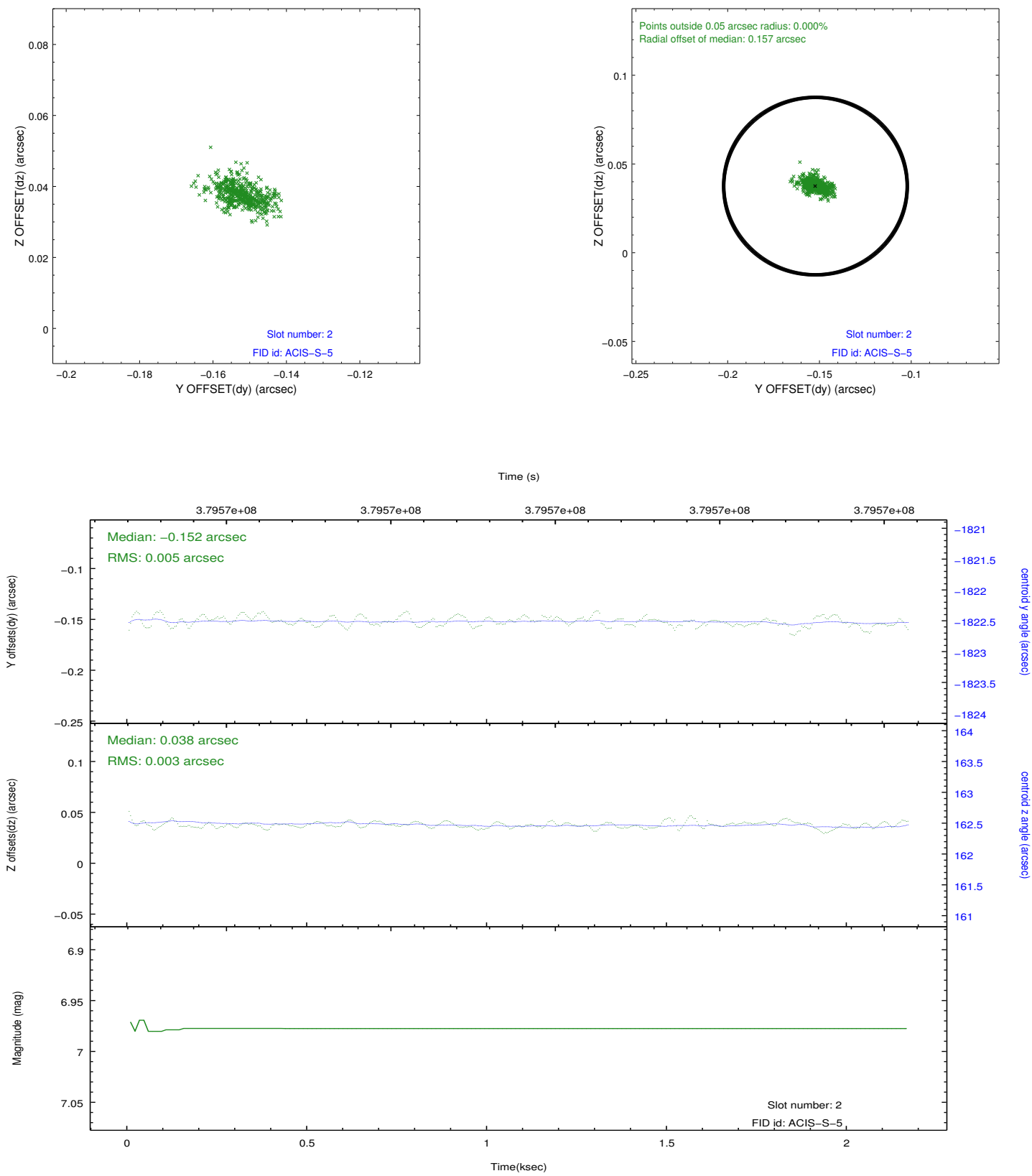
2.5.1 Slot 0



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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1659998708963

A.2 Comments