

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11465 - L2 Version 2
Chandra X-Ray Center

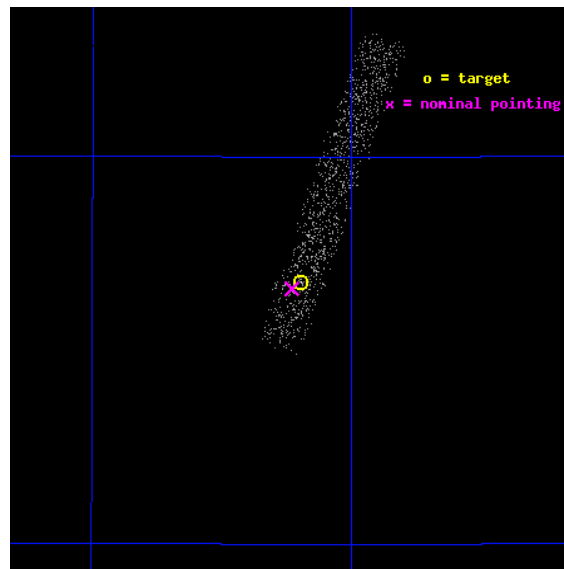
L2 Processing Date : Jun 30 2012

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1 Front

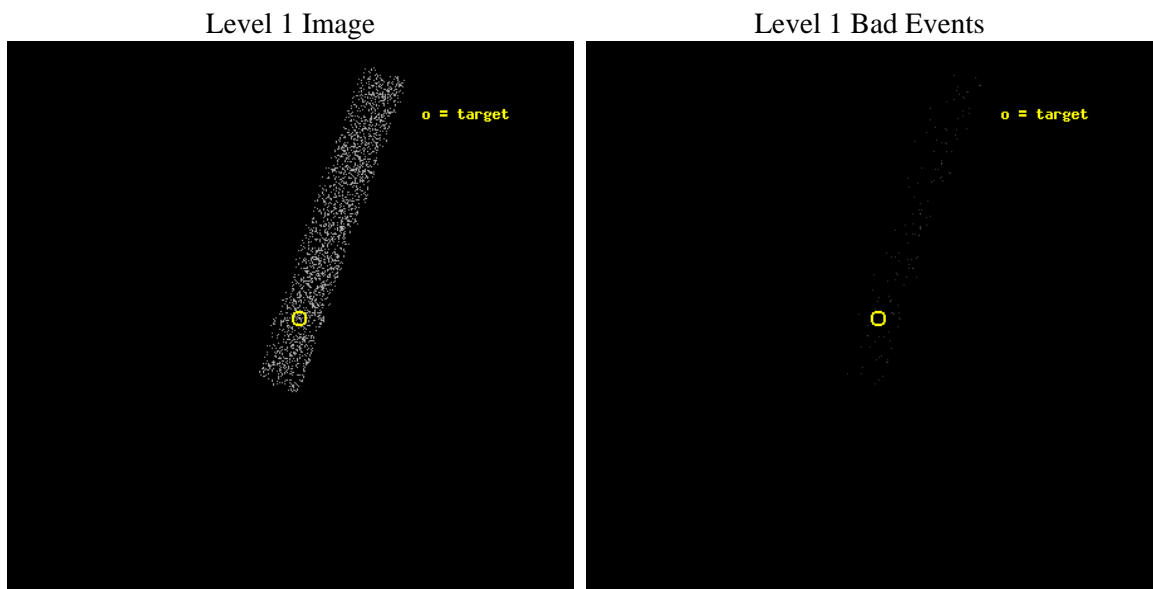
seq_num	702051	Sequence number
obs_id	11465	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J122711.67+630646.8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.79875	Observer's specified target RA [deg]
dec_targ	63.113	Observer's specified target Dec [deg]
ra_nom	186.80734949277	Nominal RA [deg]
dec_nom	63.109838114363	Nominal Dec [deg]
roll_nom	289.49615788672	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2009.1801287532	Sum of GTIs [s]
livetime	1822.2203235563	Livetime [s]
ontime7	2009.1801287532	Sum of GTIs [s]
l2events	1203	Number of level 2 events



2 OBI

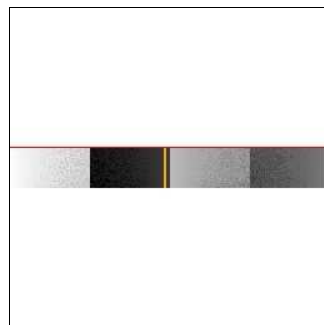
2.1 OBI

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	2009.1801287532	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	2009.1801287532	Sum of GTIs [s]
date	2012-06-30T14:55:06	Date and time of file creation	l1events	2556	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	2556
rejected events	1288
rejected %	50%

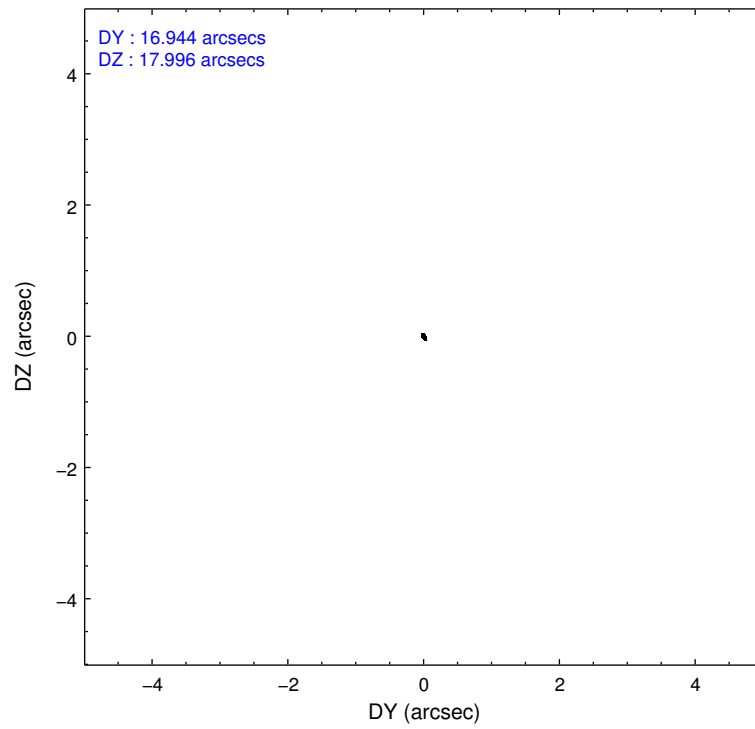
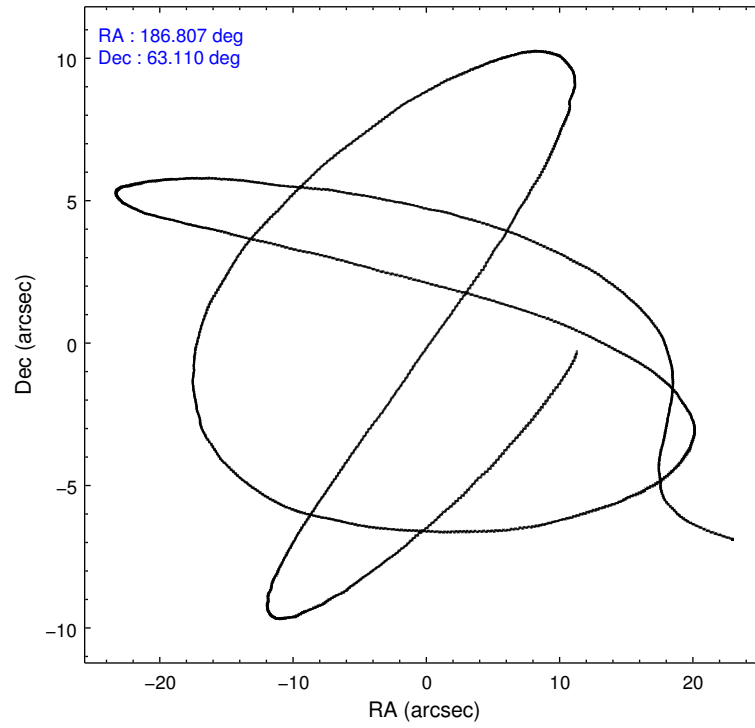
	ccd 7
grade 0 events	142
	5%
grade 1 events	5
	0%
grade 2 events	234
	9%
grade 3 events	171
	6%
grade 4 events	178
	6%
grade 5 events	254
	9%
grade 6 events	543
	21%
grade 7 events	1029
	40%

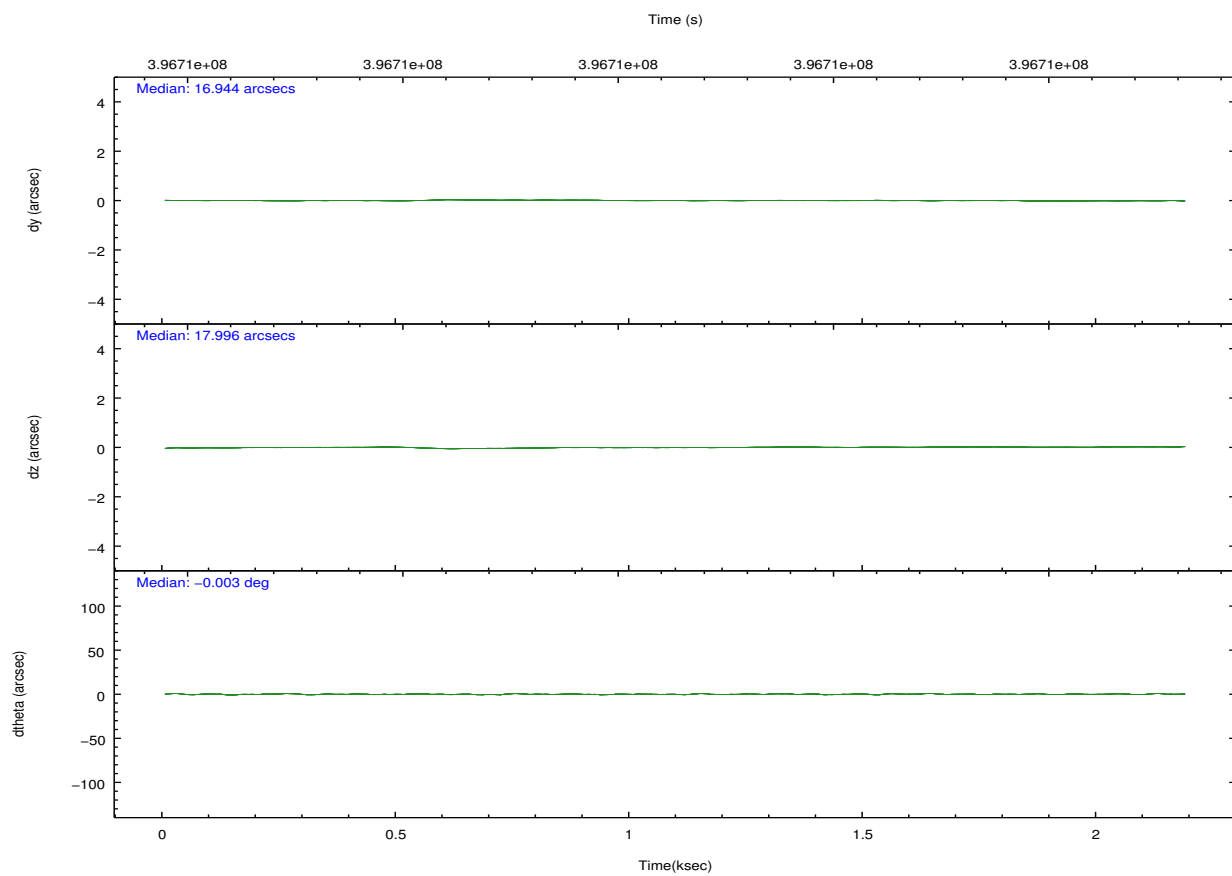
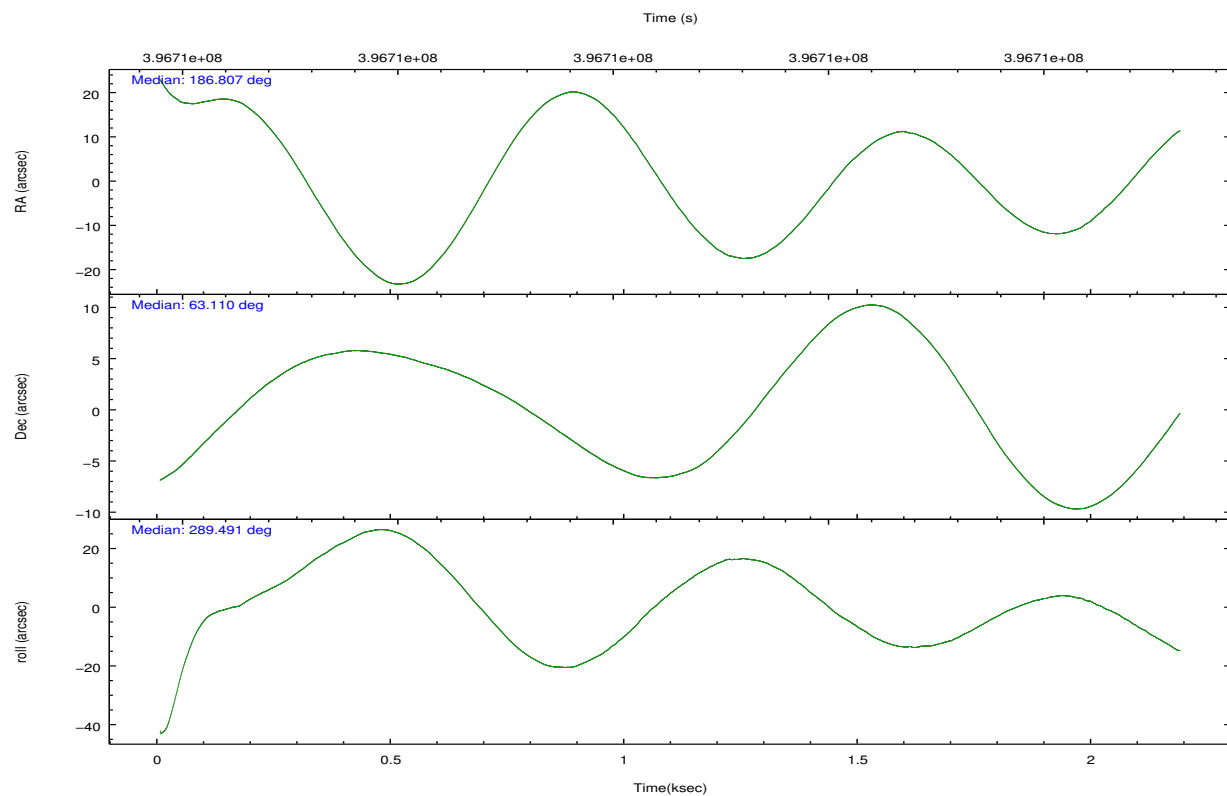
2.2 Compared Parameters

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	186.760582	186.8073494927668
[deg] Pointing Dec	63.127439	63.10983811436333
[deg] Pointing Roll	289.381495	289.4961578867239
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1400660498719
[mm] SIM translation stage offset	0	0.00754346686406393
[s] Observation start time (MET)	396712736.184000	396711627.2278
Observation start date	2010-07-28T13:57:50	2010-07-28T13:40:27
[s] Observation end time (MET)	396714736.184000	396715235.74048
Observation end date	2010-07-28T14:31:10	2010-07-28T14:40:35
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



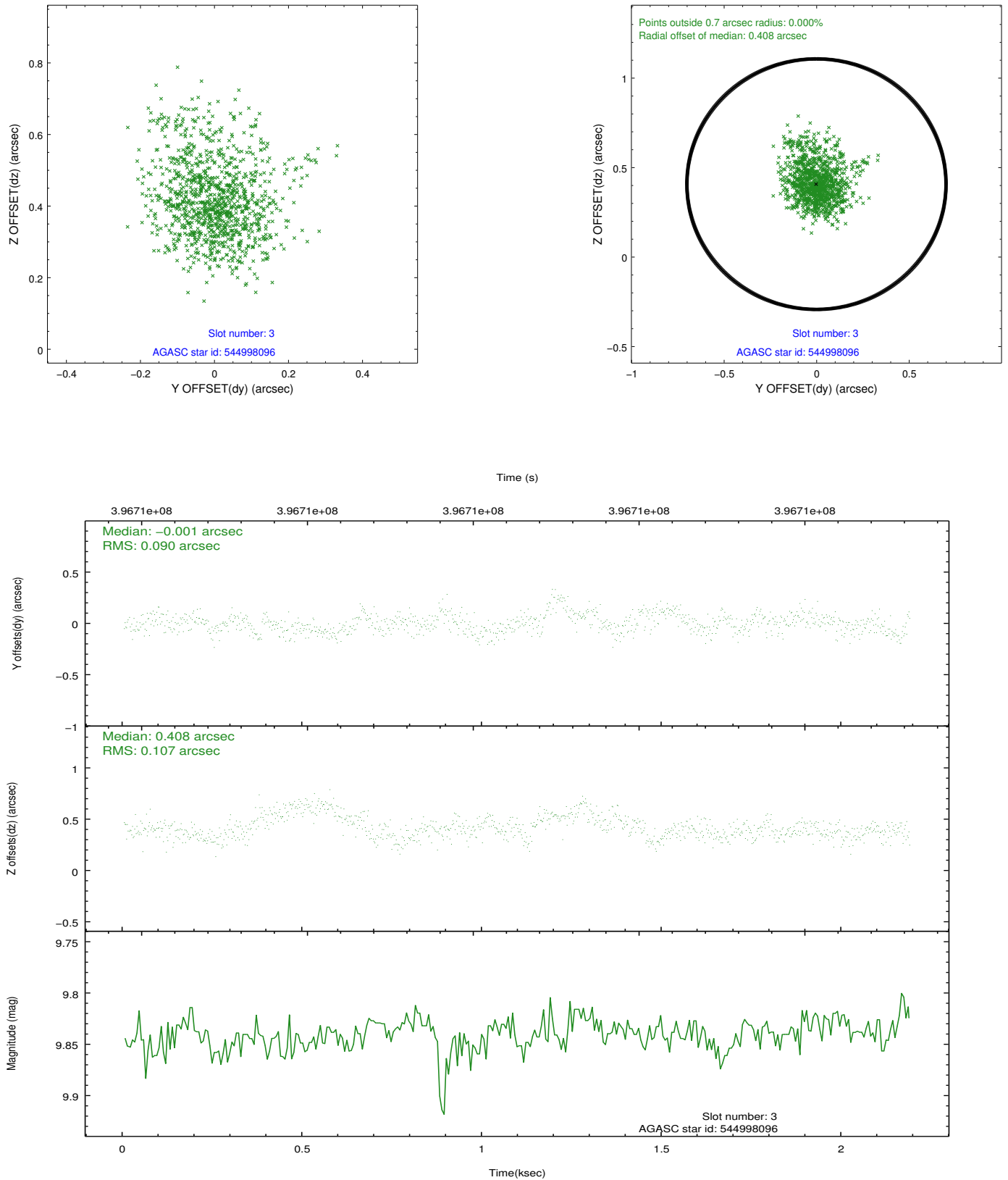


Slot Statistics

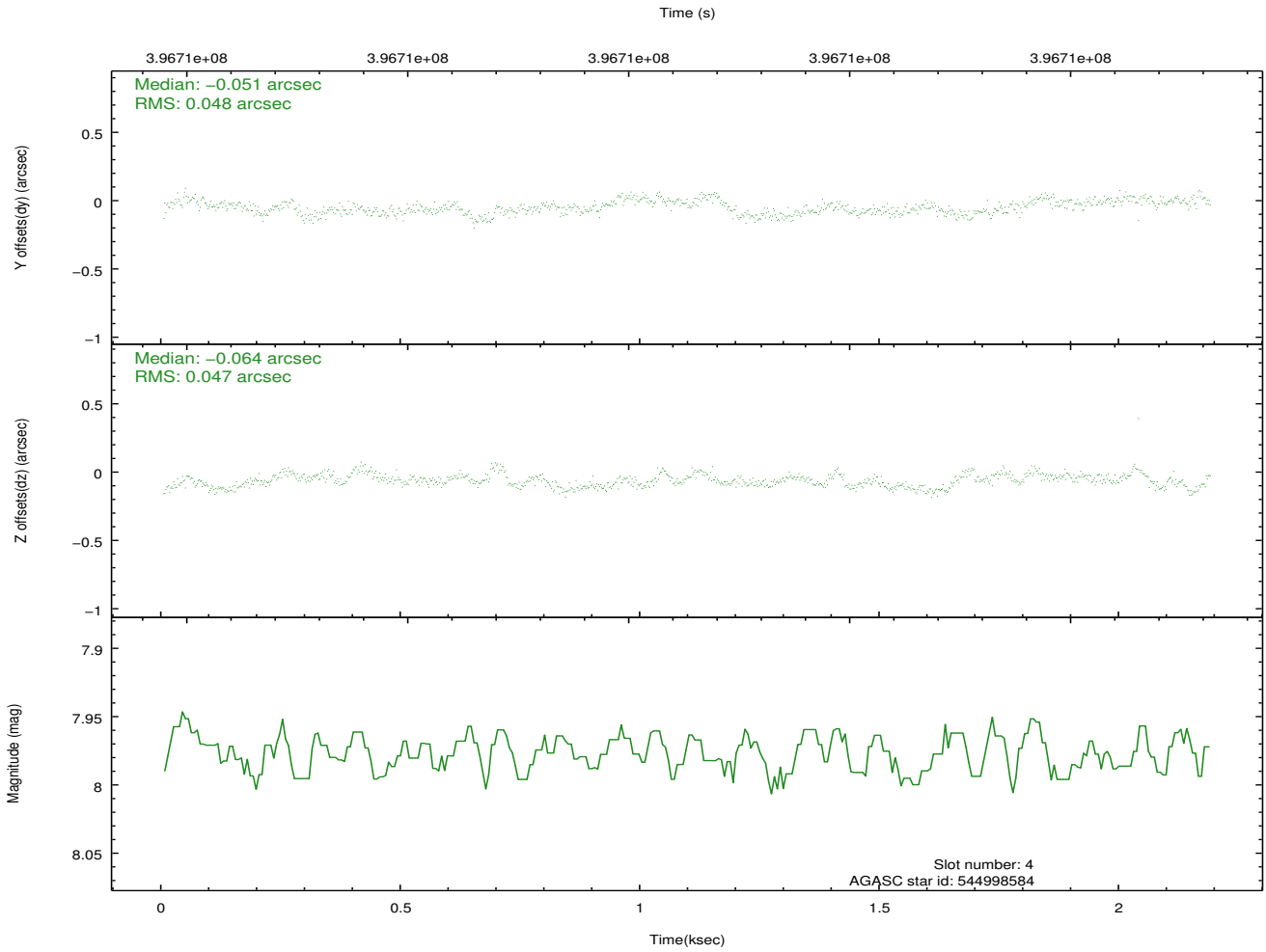
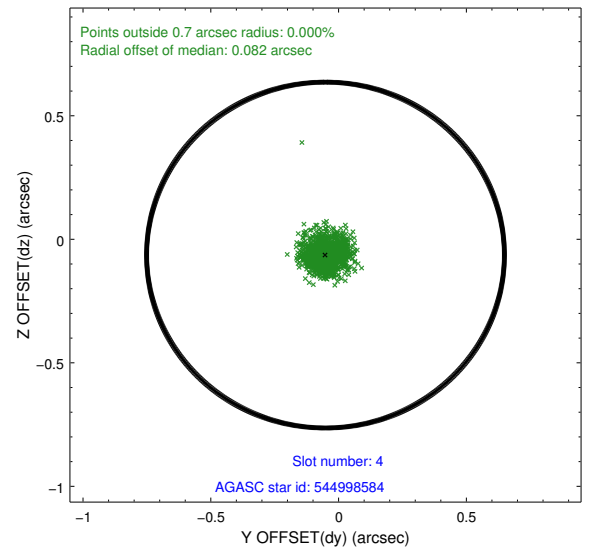
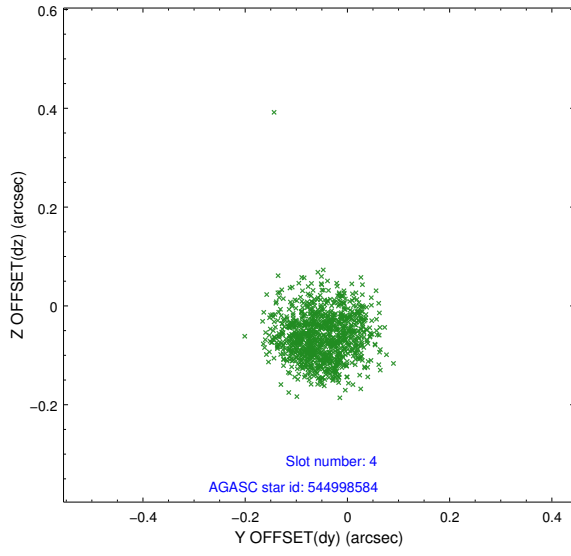
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.86	533	-0.046	-0.018	0.006	0.011	0.000000	0.000000	-770.05	-1739.45
1	FID	ACIS-S-4	6.94	533	0.126	0.027	0.006	0.011	0.000000	0.000000	2142.06	165.91
2	FID	ACIS-S-5	6.98	533	-0.111	-0.001	0.006	0.012	0.000000	0.000000	-1819.10	163.03
3	GUIDE	544998096	9.84	1066	-0.001	0.408	0.146	0.255	186.213600	62.547586	1664.31	-1547.12
4	GUIDE	544998584	7.98	1067	-0.051	-0.064	0.073	0.113	185.862451	63.033360	-175.12	-1493.81
5	GUIDE	545000536	9.36	1061	0.078	-0.316	0.138	0.208	187.506023	62.847627	1349.50	821.39
6	GUIDE	545002024	9.13	1065	0.082	0.031	0.097	0.157	187.548635	63.889037	-2177.71	2091.03
7	GUIDE	545006288	9.20	1060	-0.107	-0.066	0.106	0.169	186.579866	63.492530	-1338.96	164.28

2.4 Star Slots

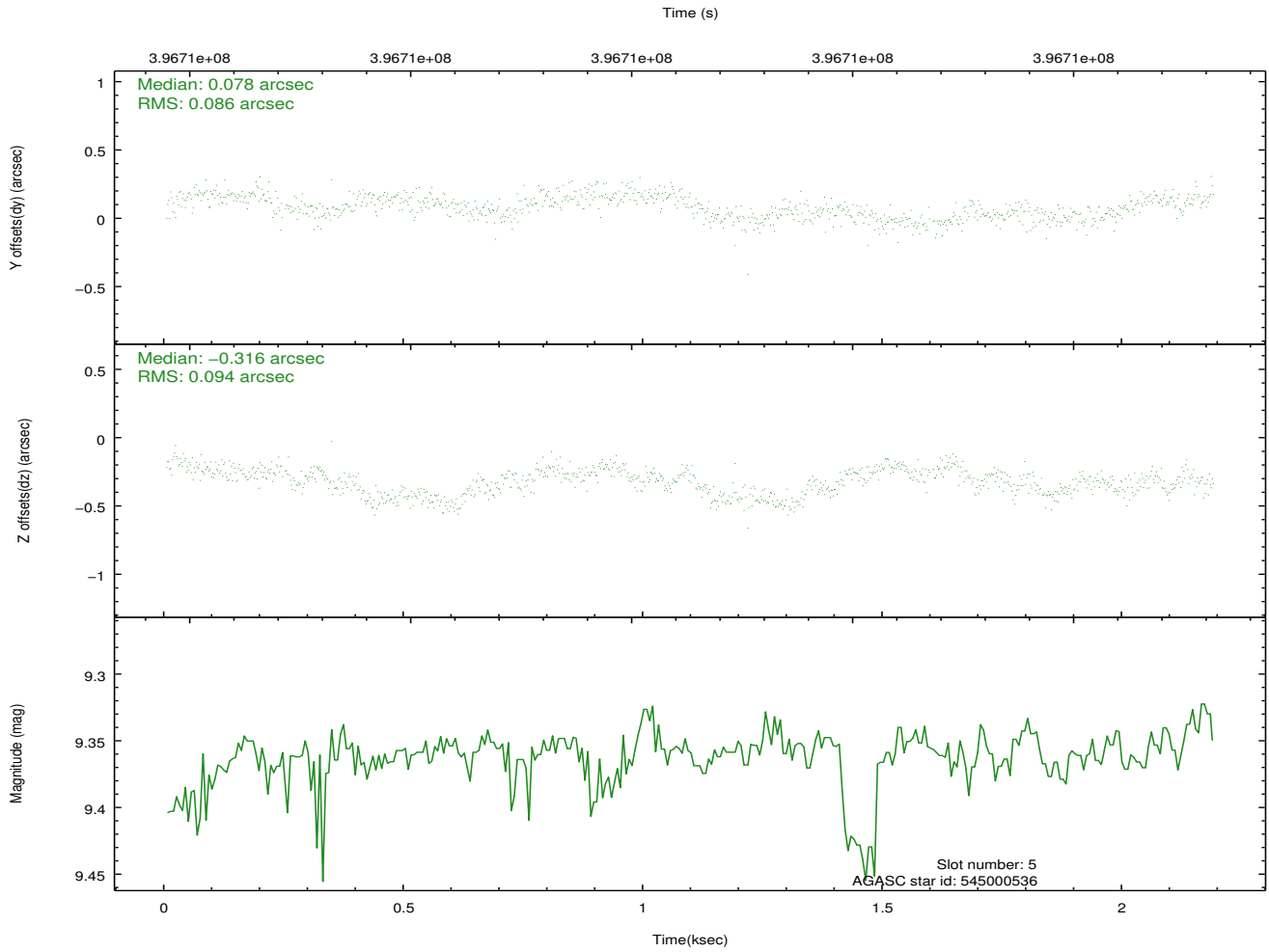
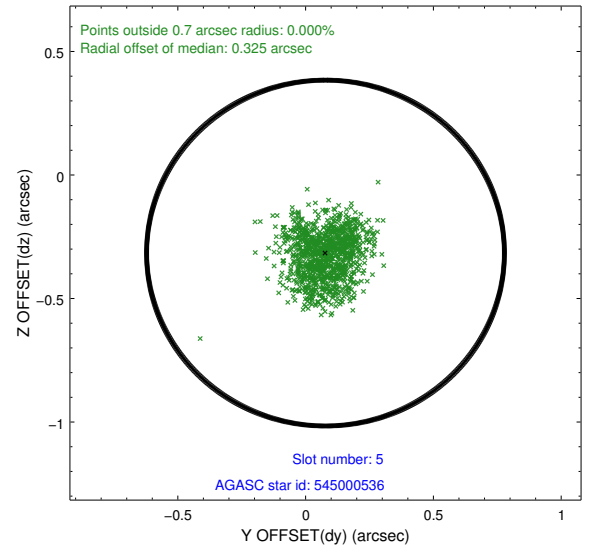
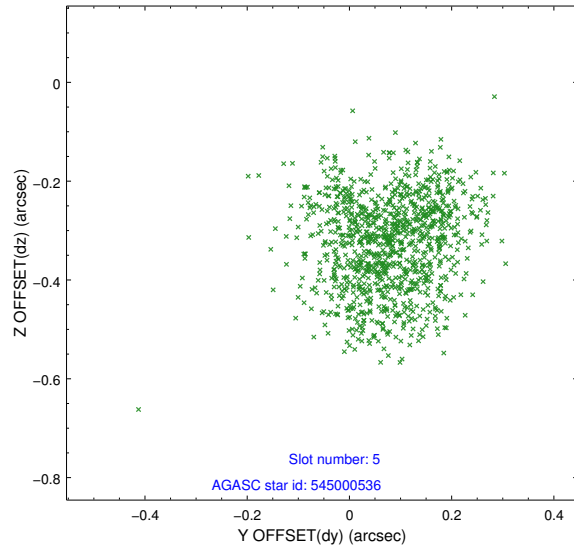
2.4.1 Slot 3



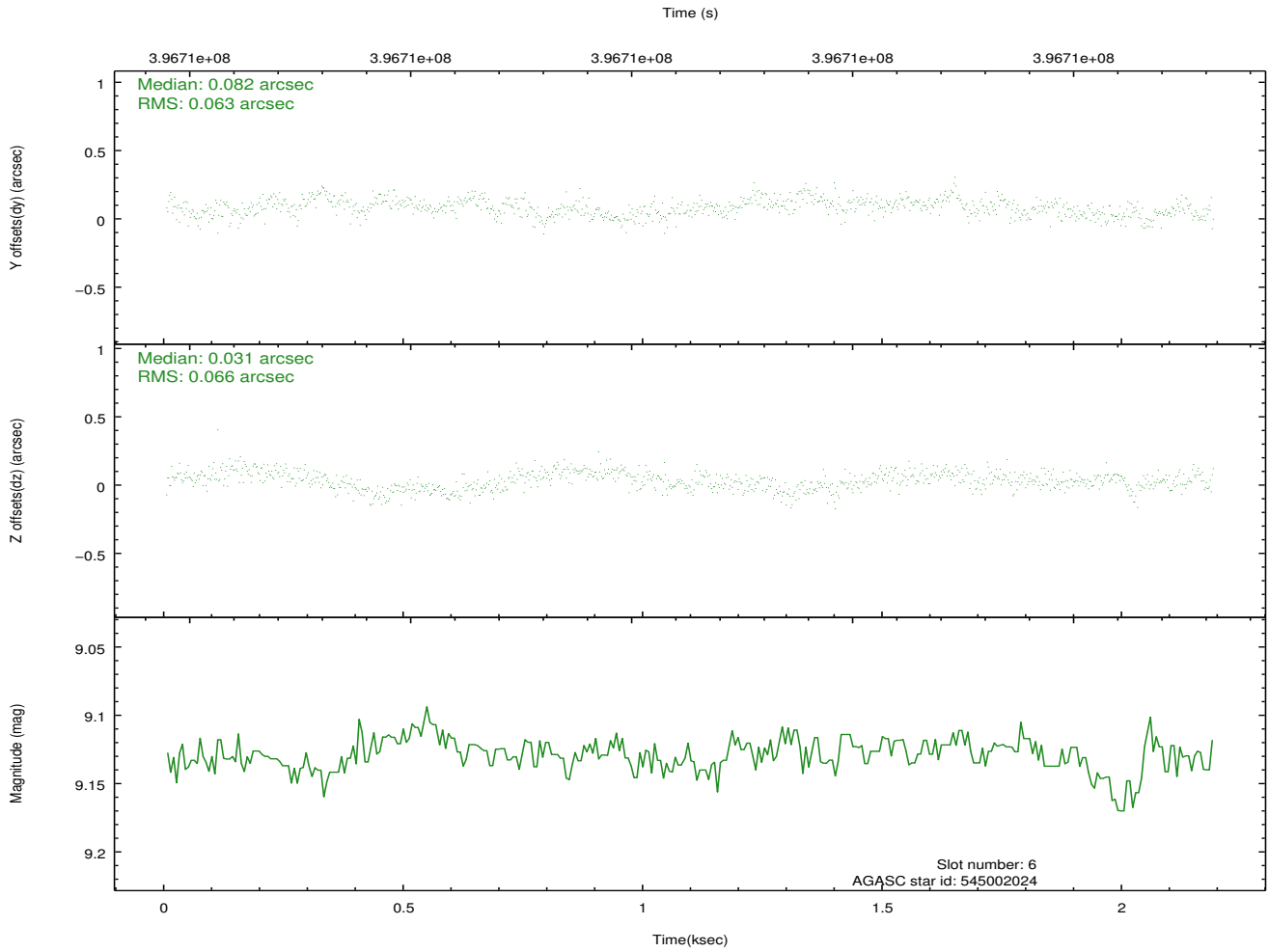
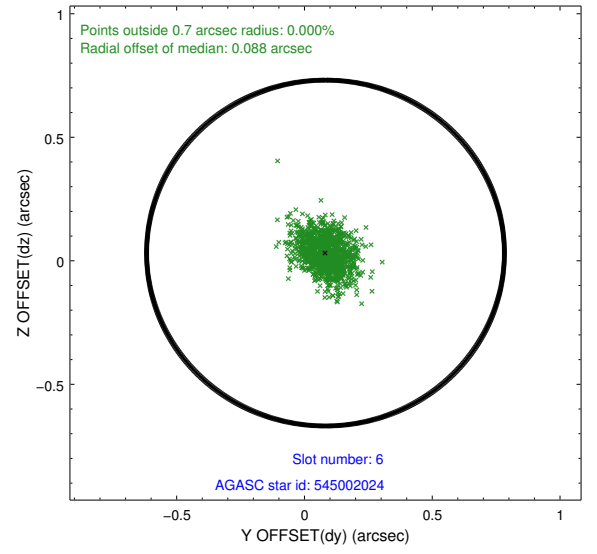
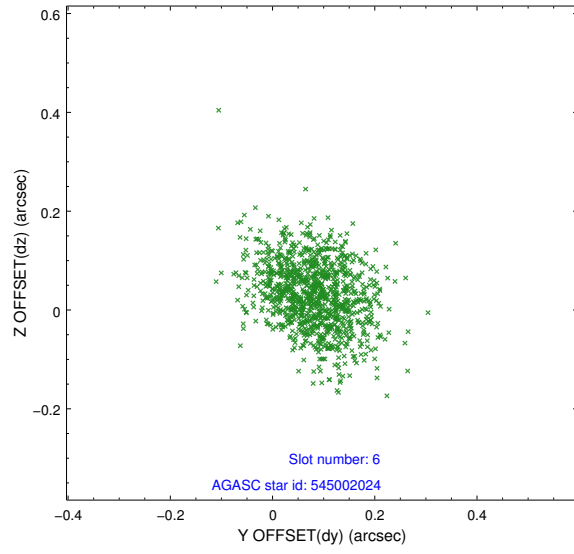
2.4.2 Slot 4



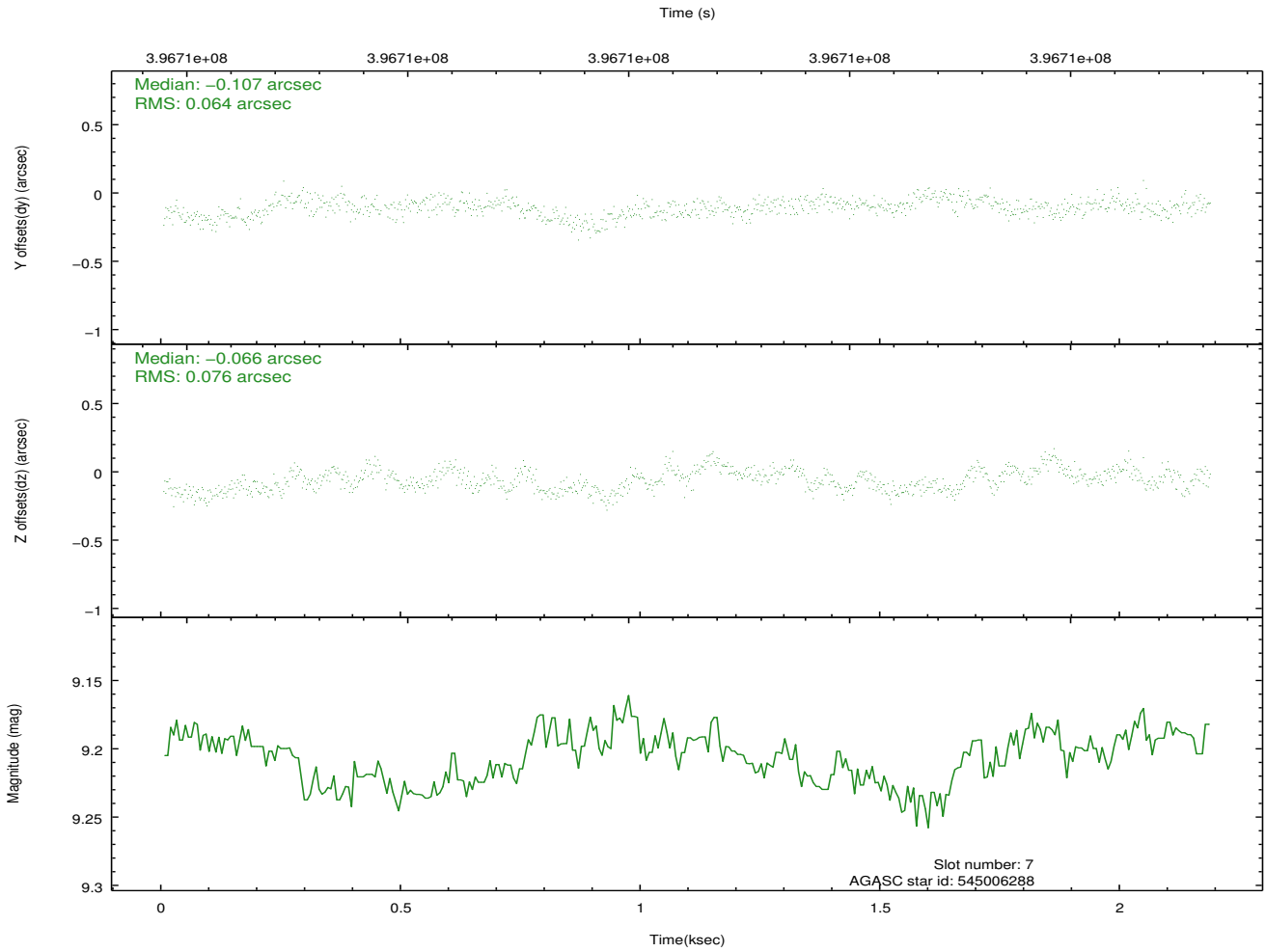
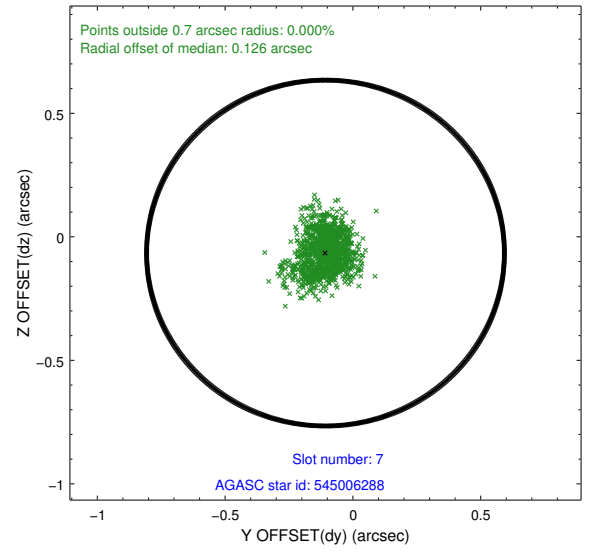
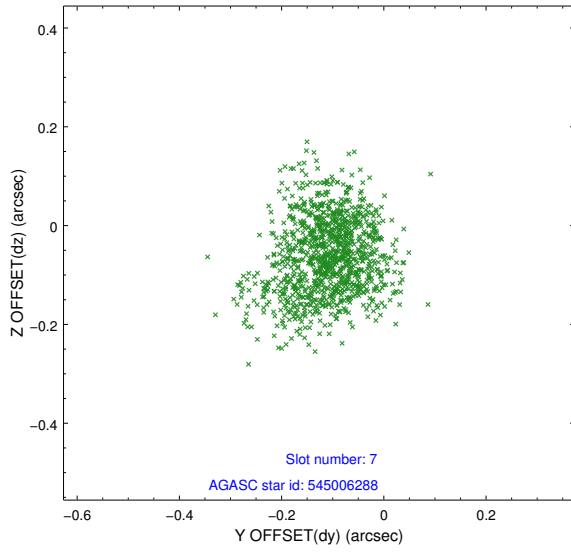
2.4.3 Slot 5



2.4.4 Slot 6

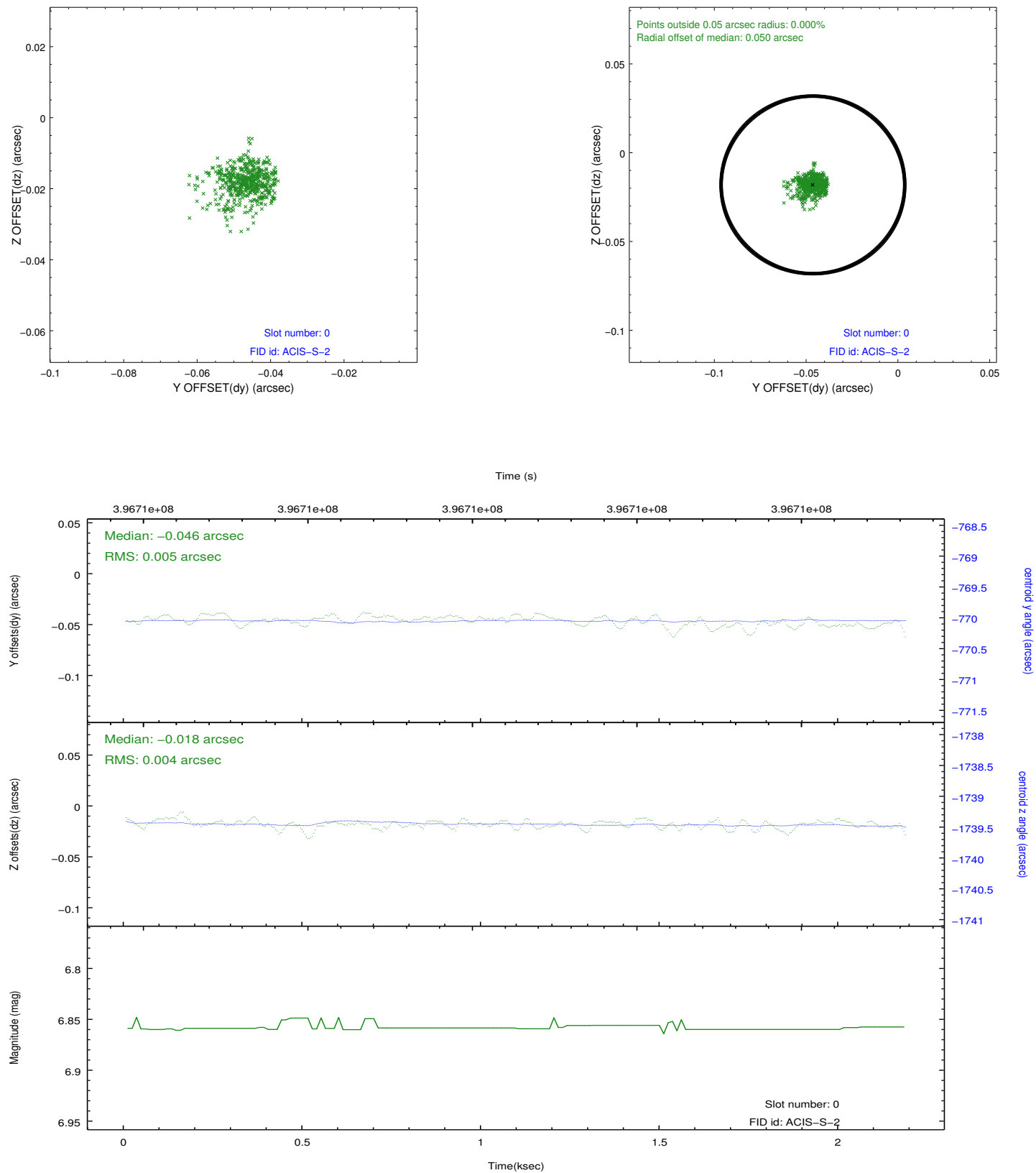


2.4.5 Slot 7

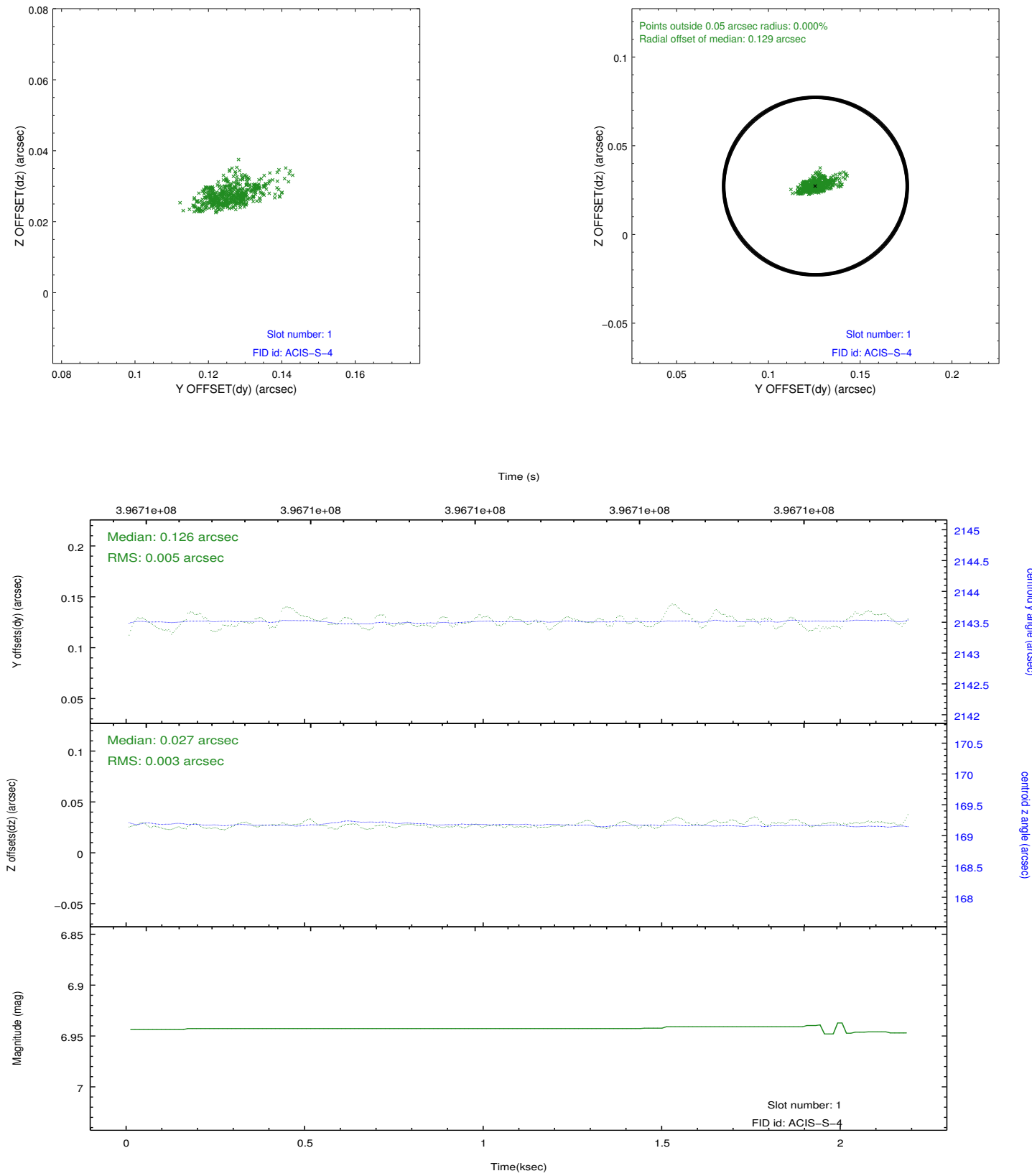


2.5 FID Slots

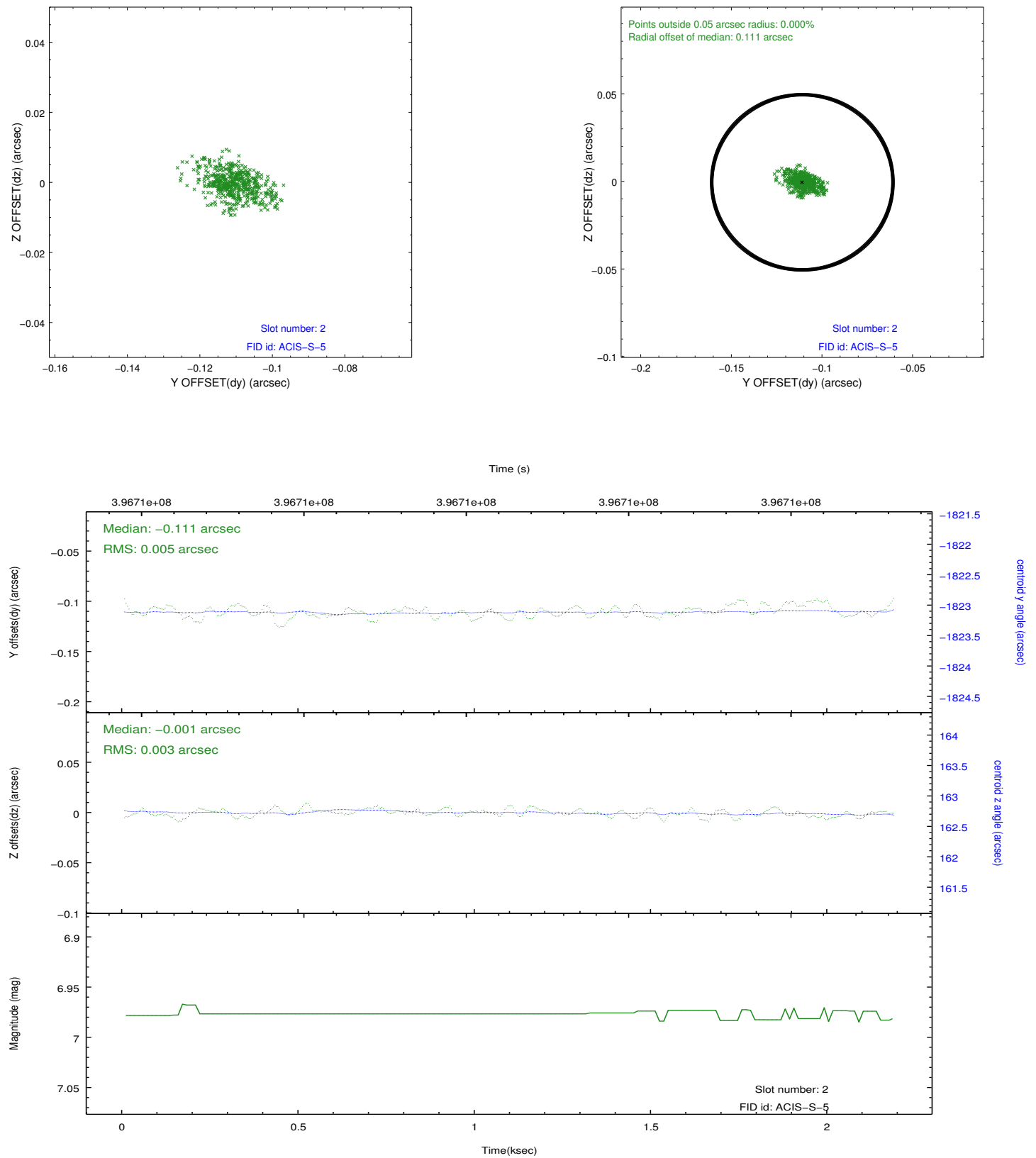
2.5.1 Slot 0



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	2.0091801327467

A.2 Comments