

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11445 - L2 Version 2
Chandra X-Ray Center

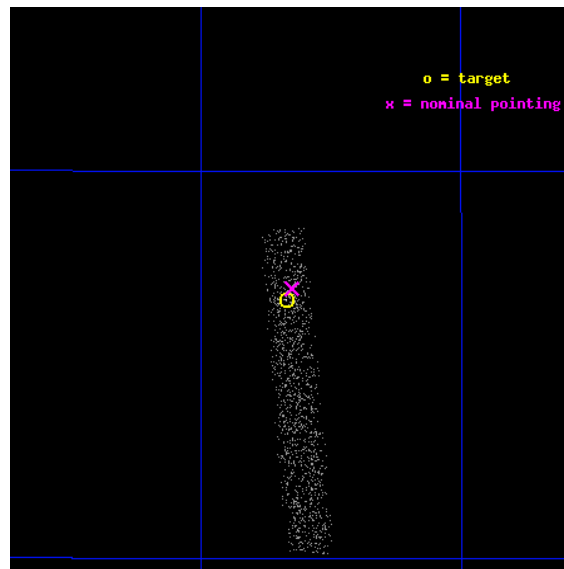
L2 Processing Date : Jun 18 2012

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1 Front

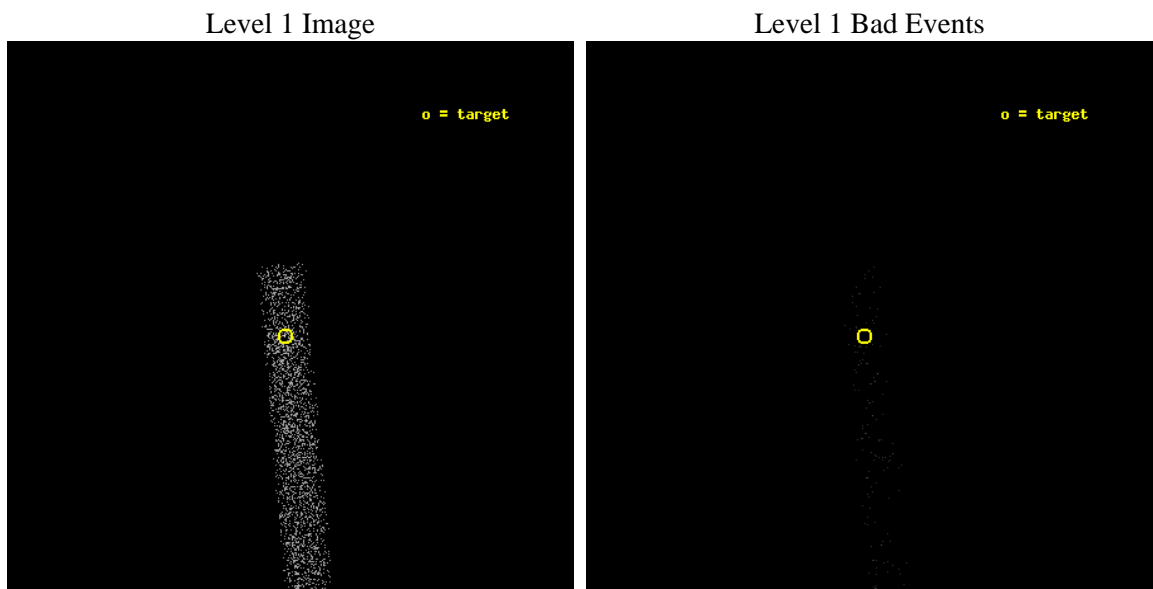
seq_num	702031	Sequence number
obs_id	11445	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J081550.23+250640.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	123.959167	Observer's specified target RA [deg]
dec_targ	25.111361	Observer's specified target Dec [deg]
ra_nom	123.95656613703	Nominal RA [deg]
dec_nom	25.115850703045	Nominal Dec [deg]
roll_nom	84.938108940917	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2033.599878788	Sum of GTIs [s]
livetime	1844.3677478578	Livetime [s]
ontime7	2033.599878788	Sum of GTIs [s]
l2events	1385	Number of level 2 events



2 OBI

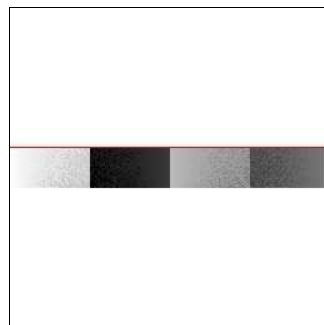
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2033.599878788	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2033.599878788	Sum of GTIs [s]
date	2012-06-18T06:39:50	Date and time of file creation	l1events	2799	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

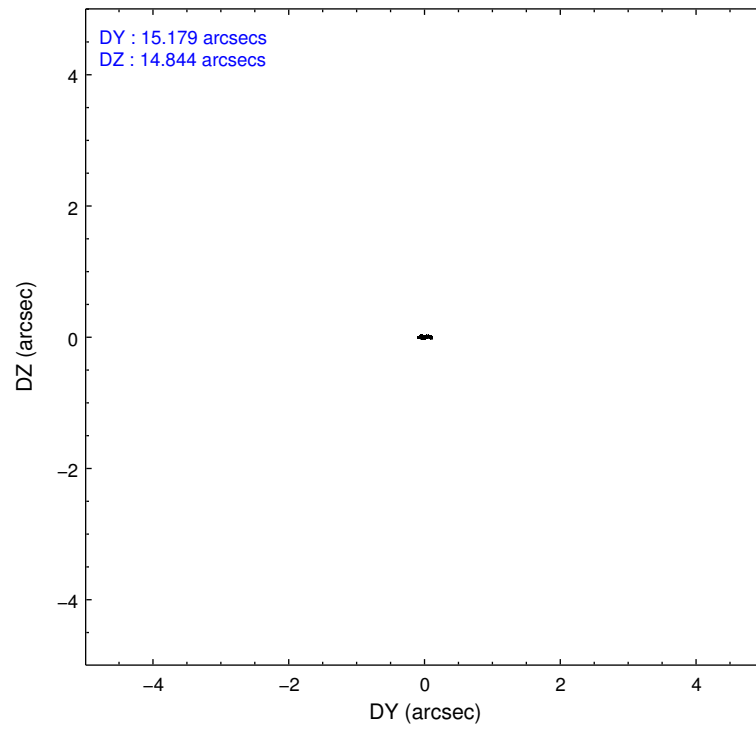
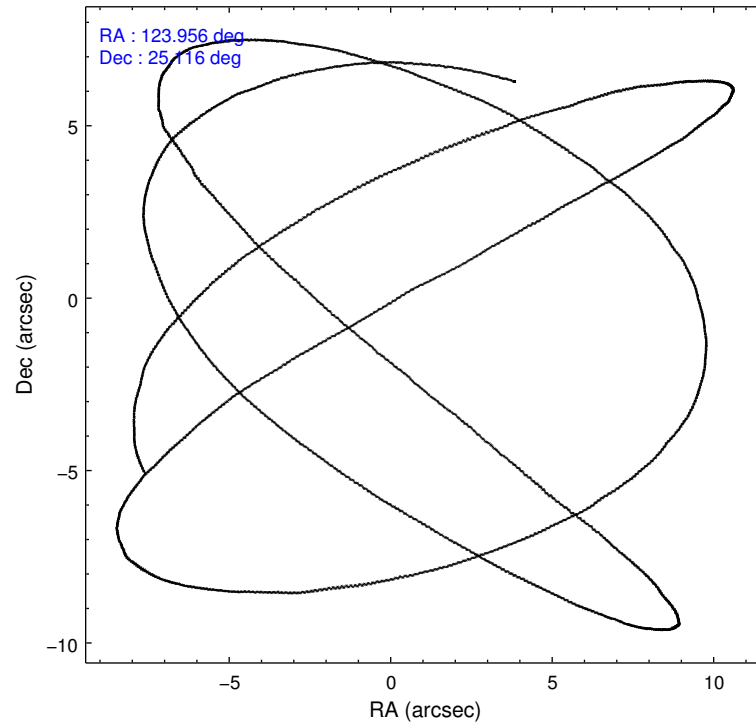
	ccd 7
level 1 events	2799
rejected events	1352
rejected %	48%

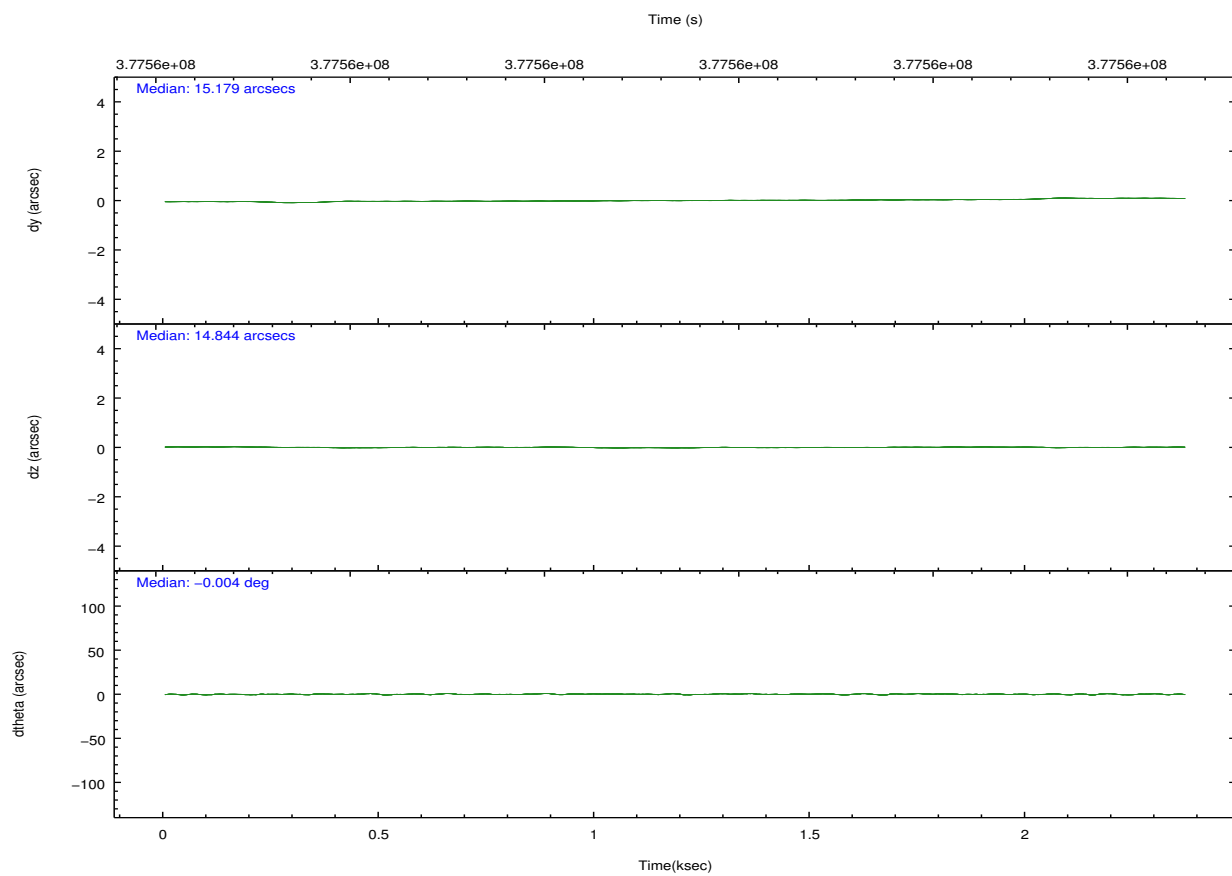
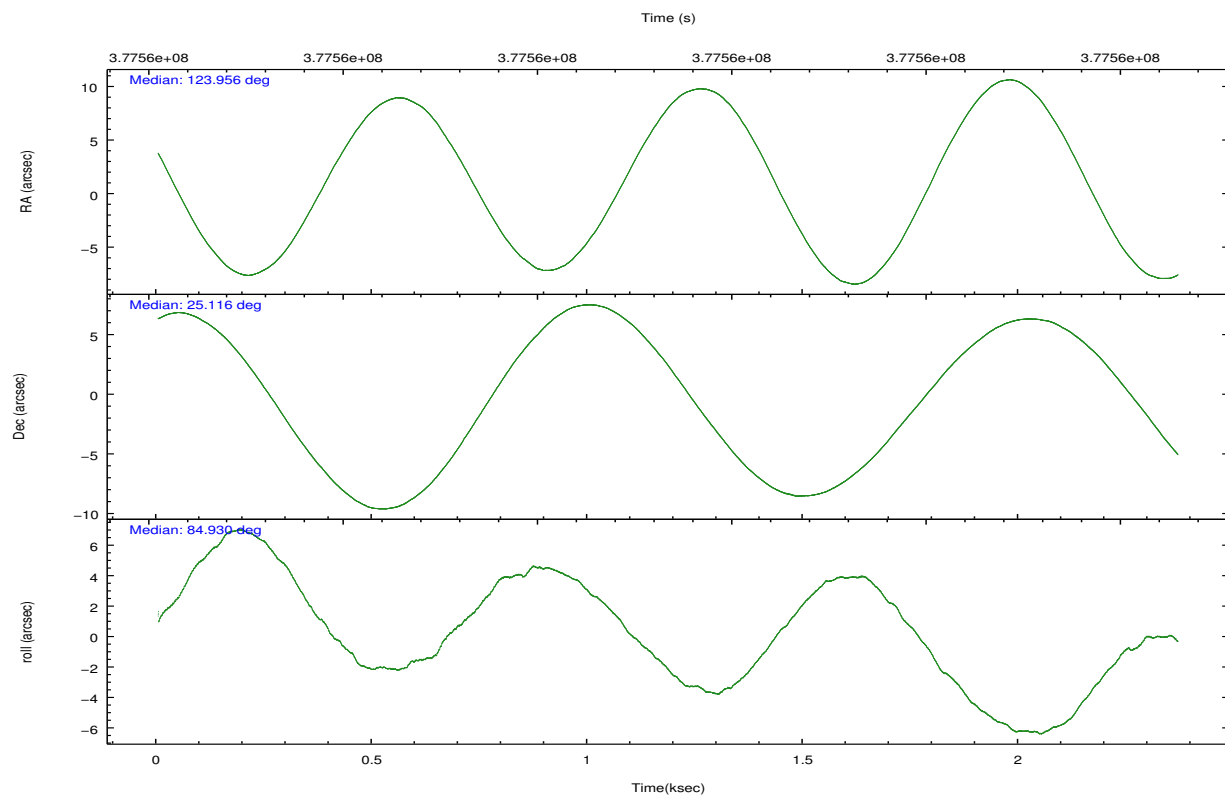
	ccd 7
grade 0 events	151
	5%
grade 1 events	3
	0%
grade 2 events	262
	9%
grade 3 events	198
	7%
grade 4 events	206
	7%
grade 5 events	303
	10%
grade 6 events	630
	22%
grade 7 events	1046
	37%

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	123.969870	123.9565661370267	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	25.091063	25.1158507030446	Subarray start row	449	449
[deg] Pointing Roll	84.775817	84.93810894091695	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)	377557344.184000	377556907.49187			
Observation start date	2009-12-18T21:01:18	2009-12-18T20:55:07			
[s] Observation end time (MET)	377559524.184000	377559893.31702			
Observation end date	2009-12-18T21:37:38	2009-12-18T21:44:53			
Read mode	TIMED	TIMED			

2.3 Aspect



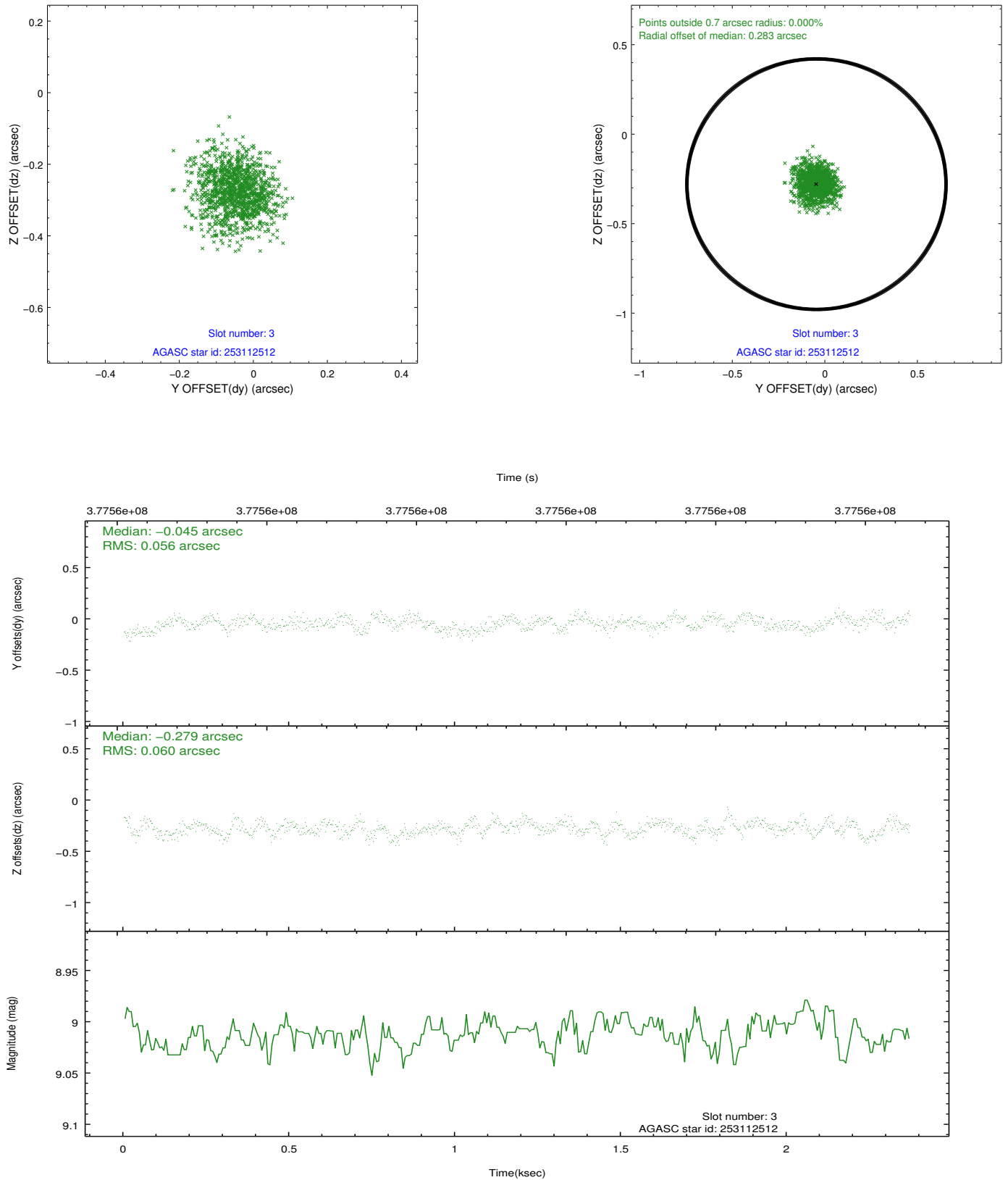


Slot Statistics

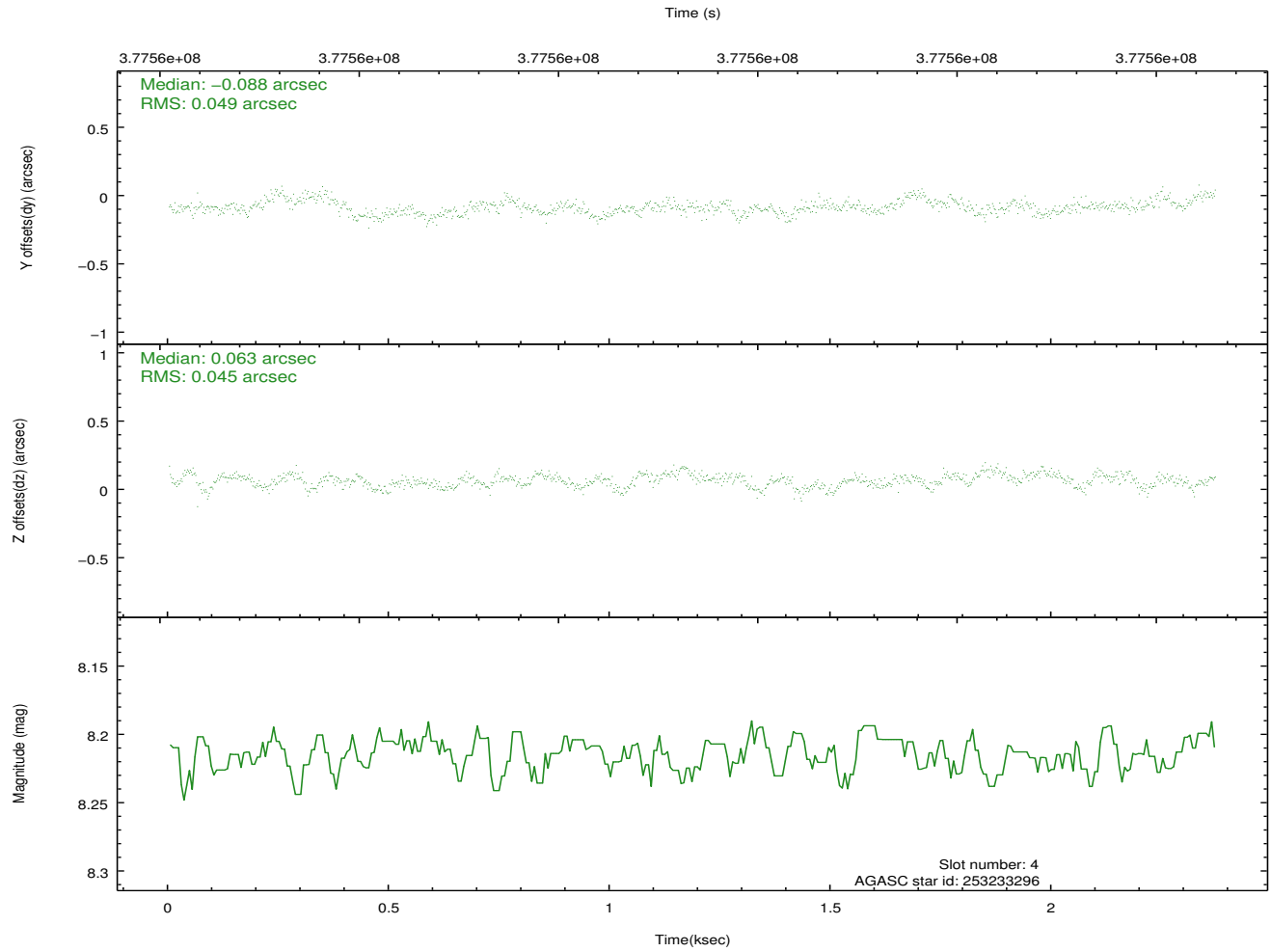
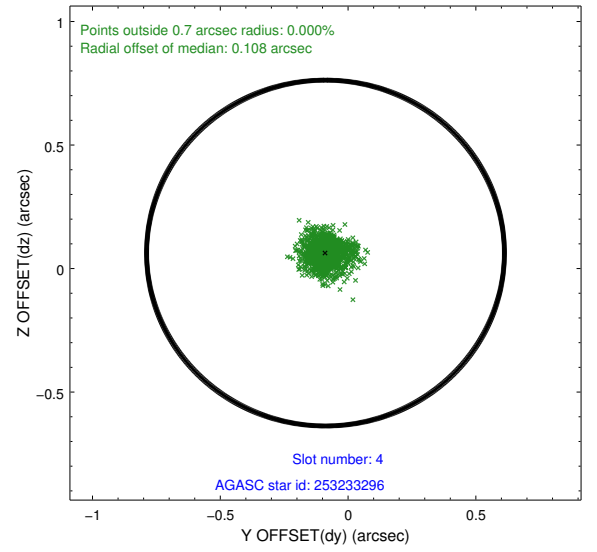
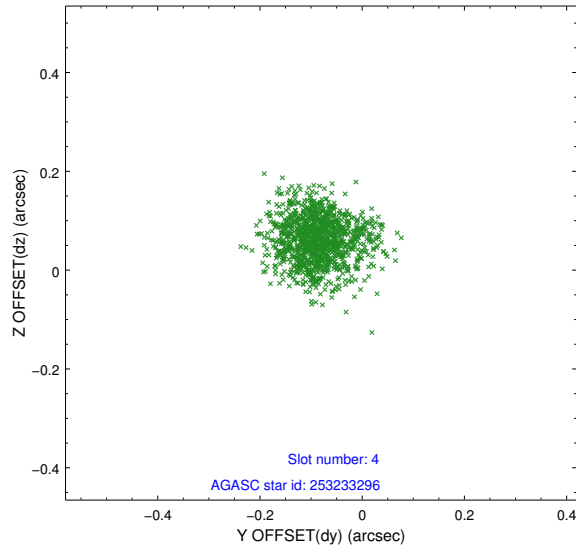
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	578	-0.102	-0.043	0.006	0.011	0.000000	0.000000	-768.24	-1736.22
1	FID	ACIS-S-4	6.98	578	0.226	0.061	0.006	0.011	0.000000	0.000000	2144.09	169.55
2	FID	ACIS-S-5	7.01	578	-0.155	-0.009	0.006	0.010	0.000000	0.000000	-1817.65	166.24
3	GUIDE	253112512	9.01	1155	-0.045	-0.279	0.087	0.140	123.268510	25.314512	598.12	2346.13
4	GUIDE	253233296	8.21	1155	-0.088	0.063	0.070	0.116	124.444183	25.442195	1402.26	-1418.53
5	GUIDE	253241192	9.40	1153	0.218	0.330	0.124	0.200	124.073160	24.695778	-1385.06	-467.74
6	GUIDE	253241392	7.45	1156	0.084	0.039	0.080	0.132	124.401180	24.837119	-781.23	-1487.47
7	GUIDE	253244208	6.00	1155	-0.165	-0.152	0.048	0.075	123.681403	24.734819	-1363.34	820.38

2.4 Star Slots

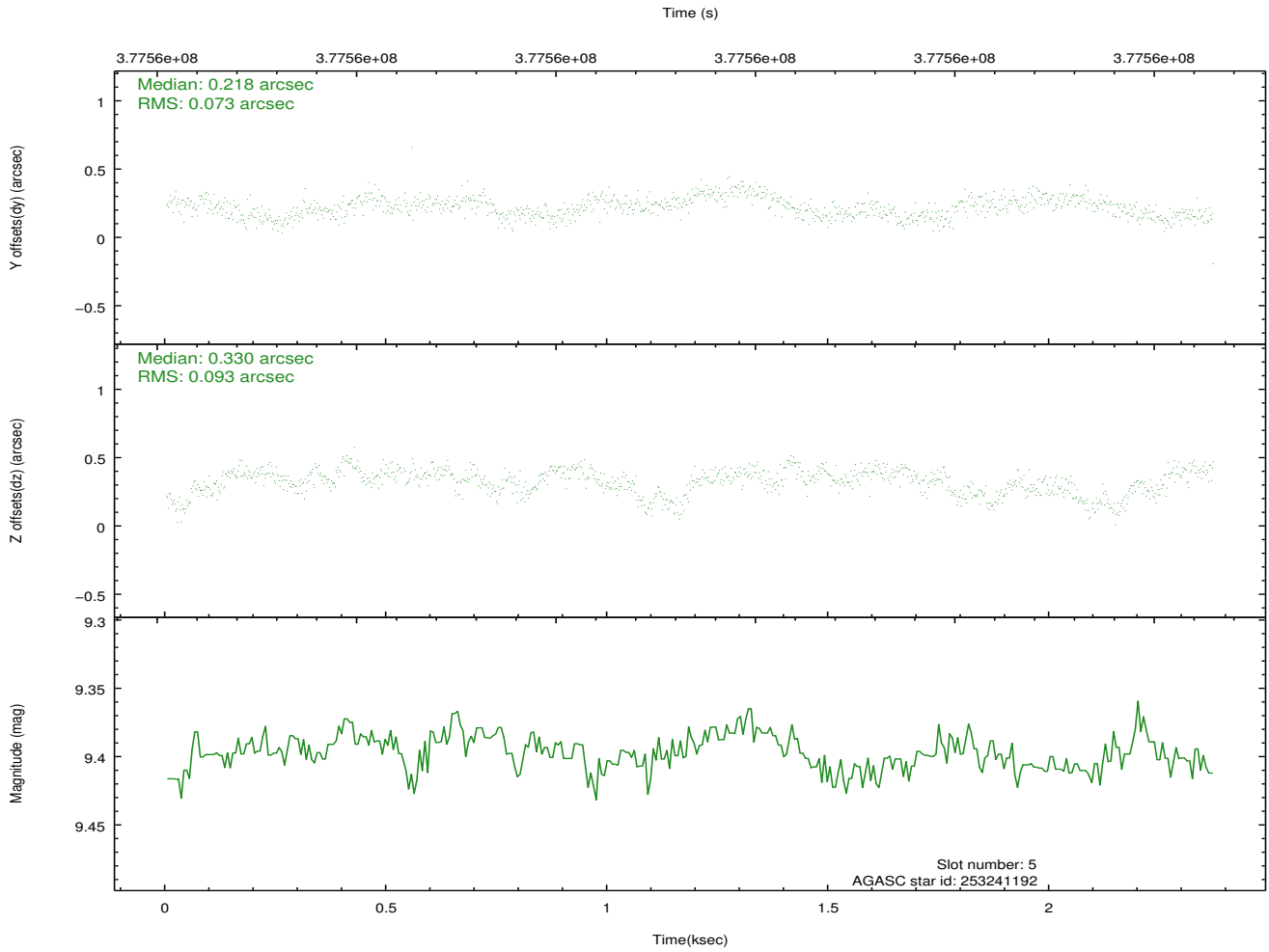
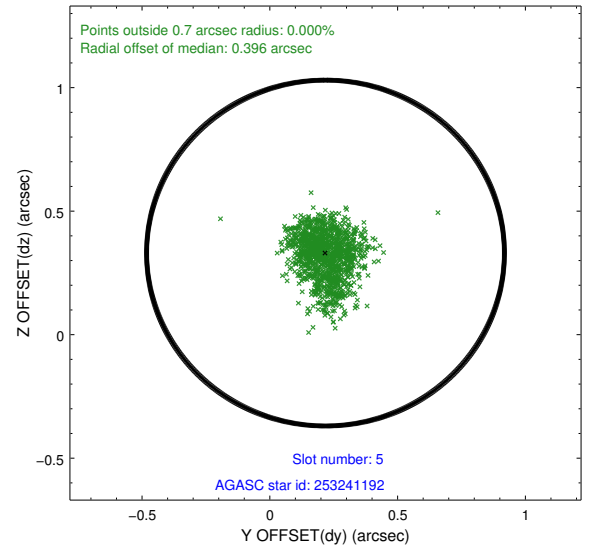
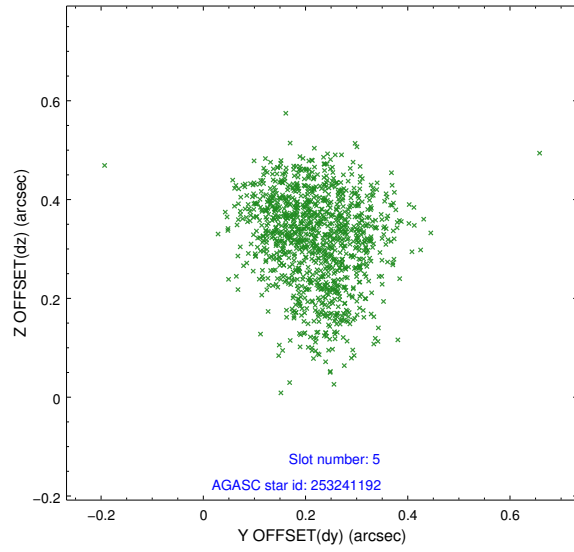
2.4.1 Slot 3



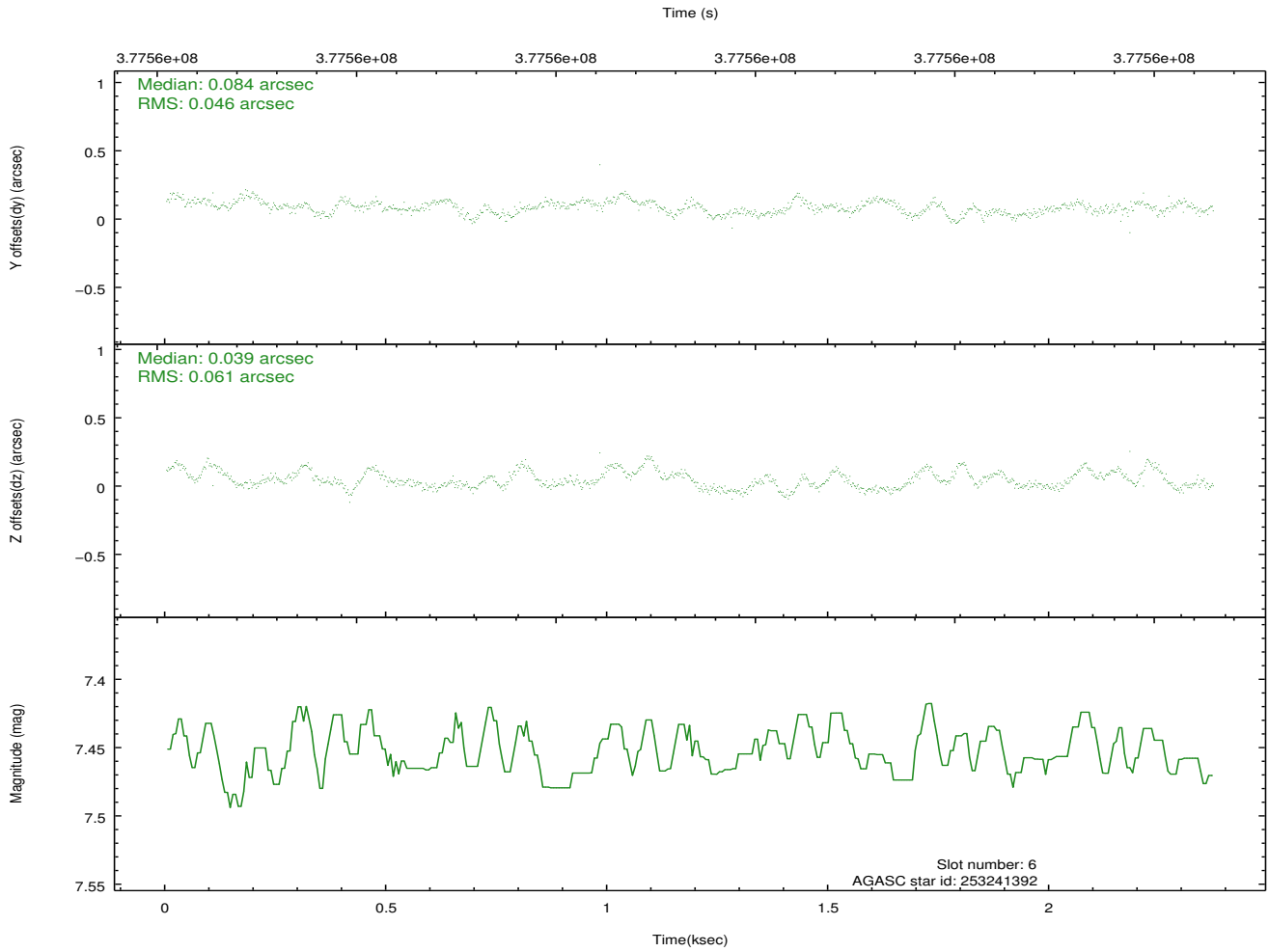
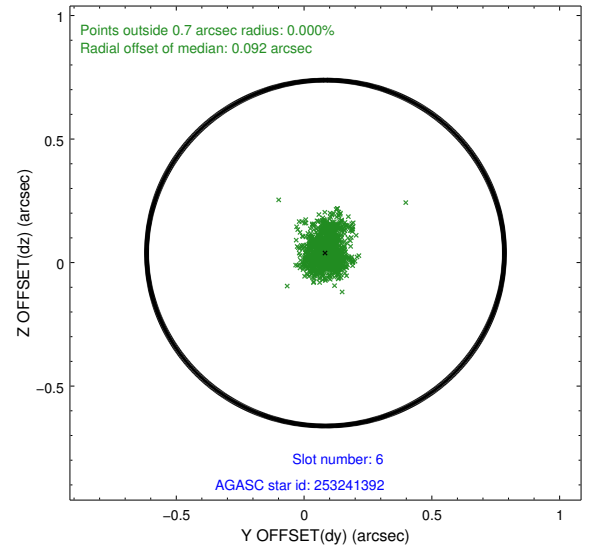
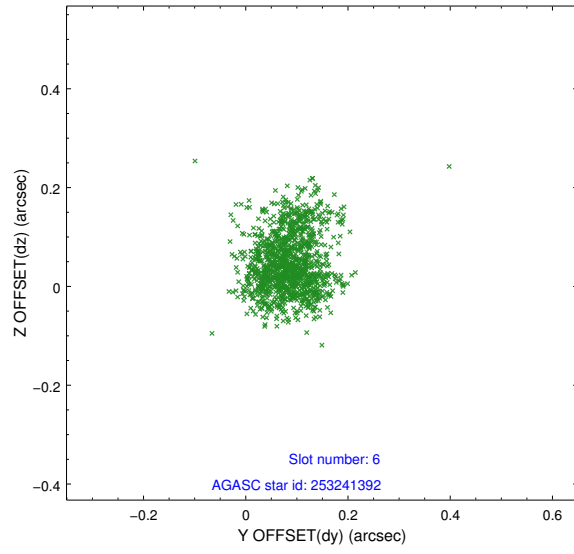
2.4.2 Slot 4



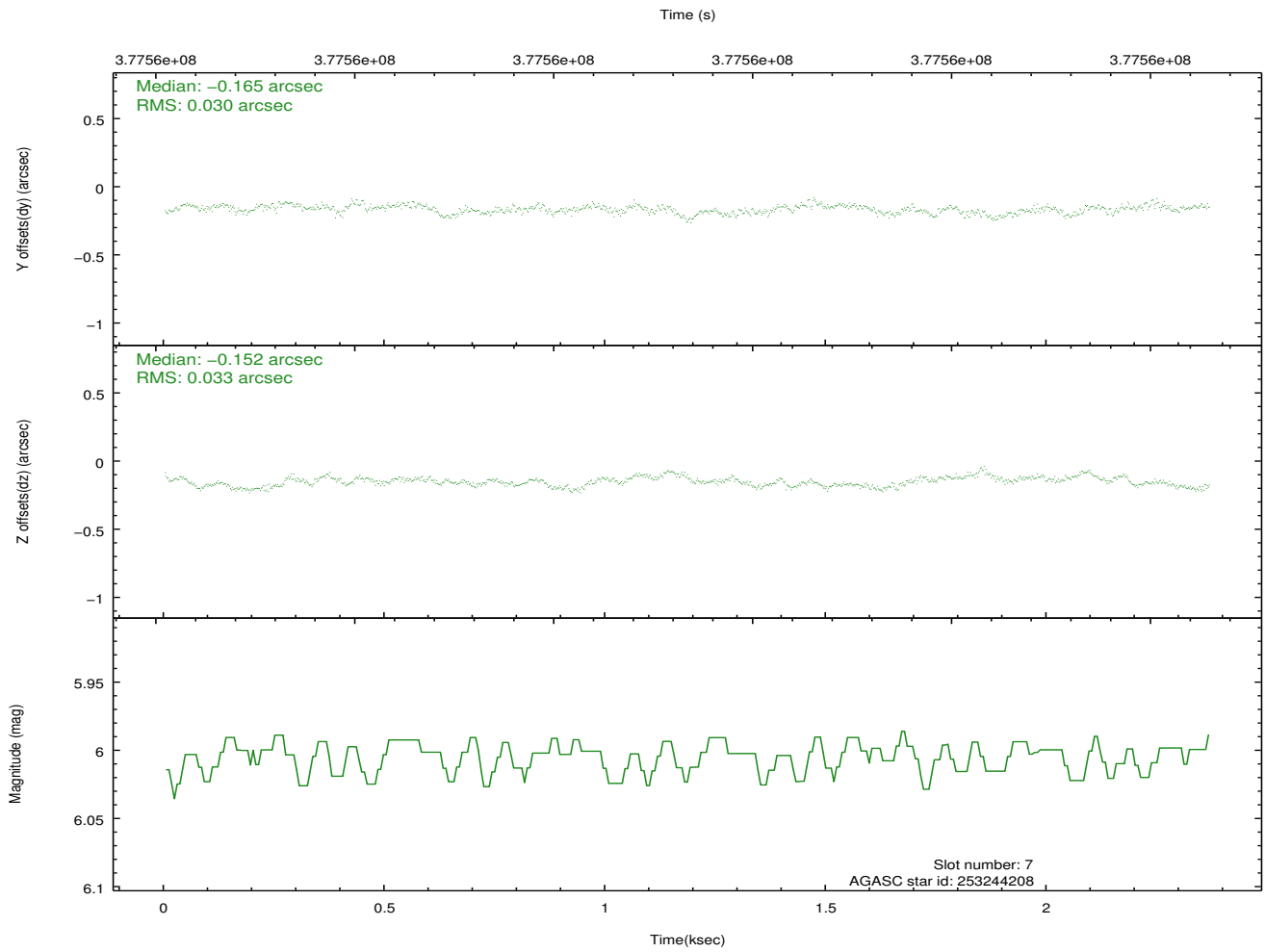
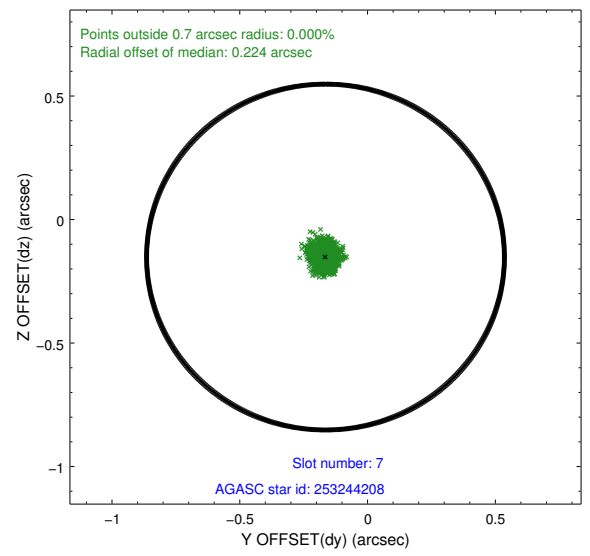
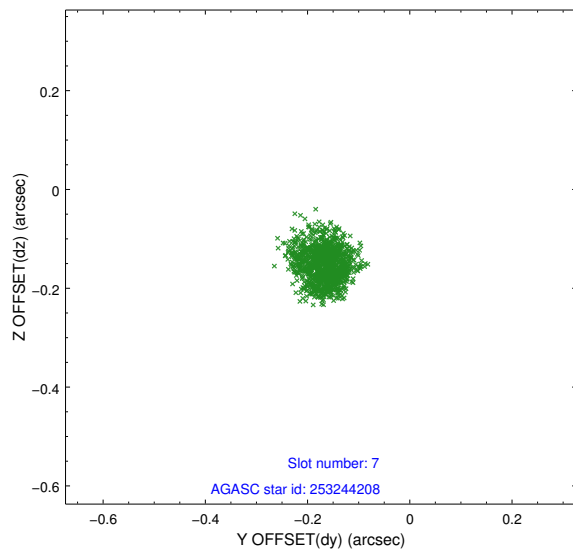
2.4.3 Slot 5



2.4.4 Slot 6

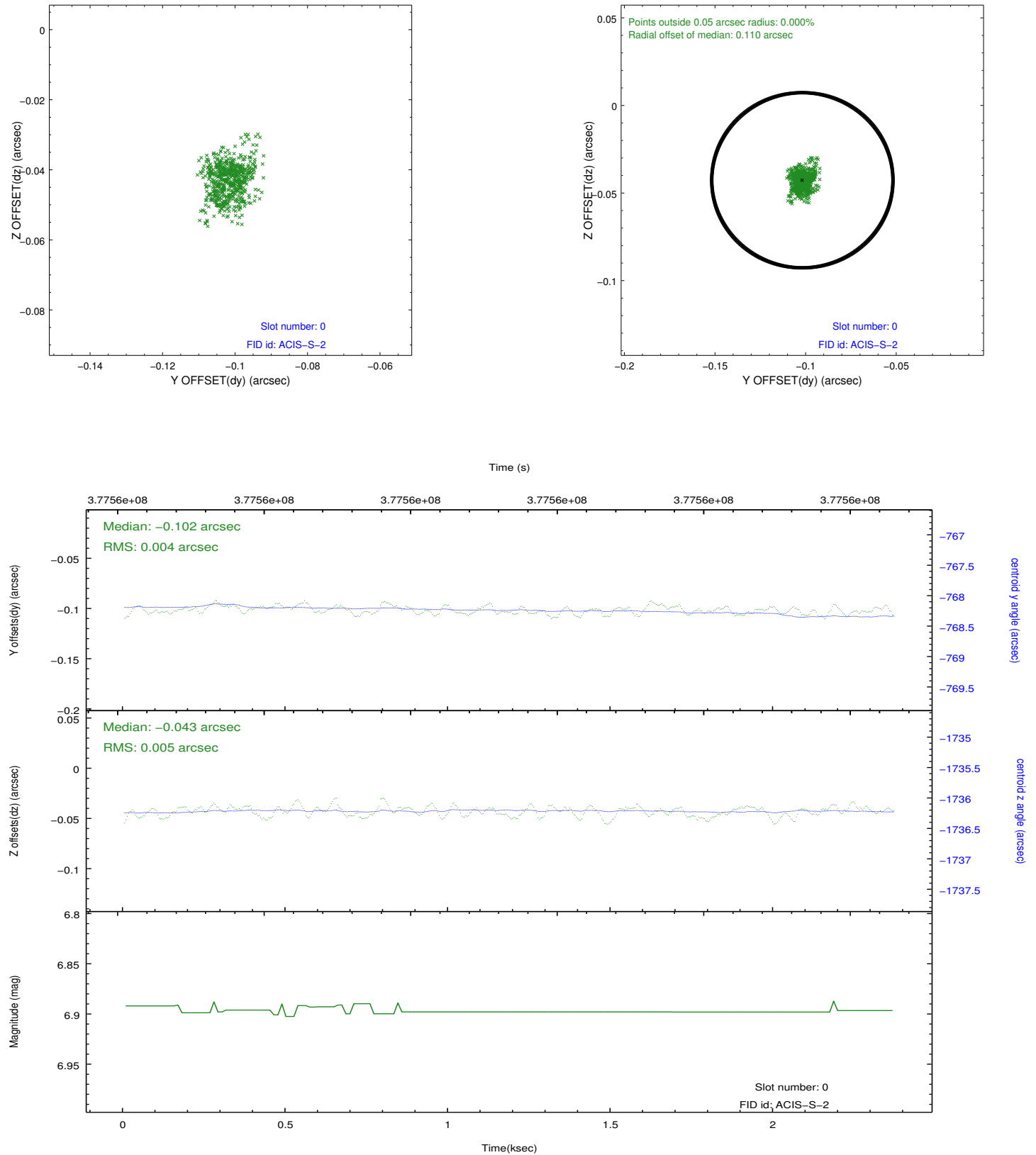


2.4.5 Slot 7

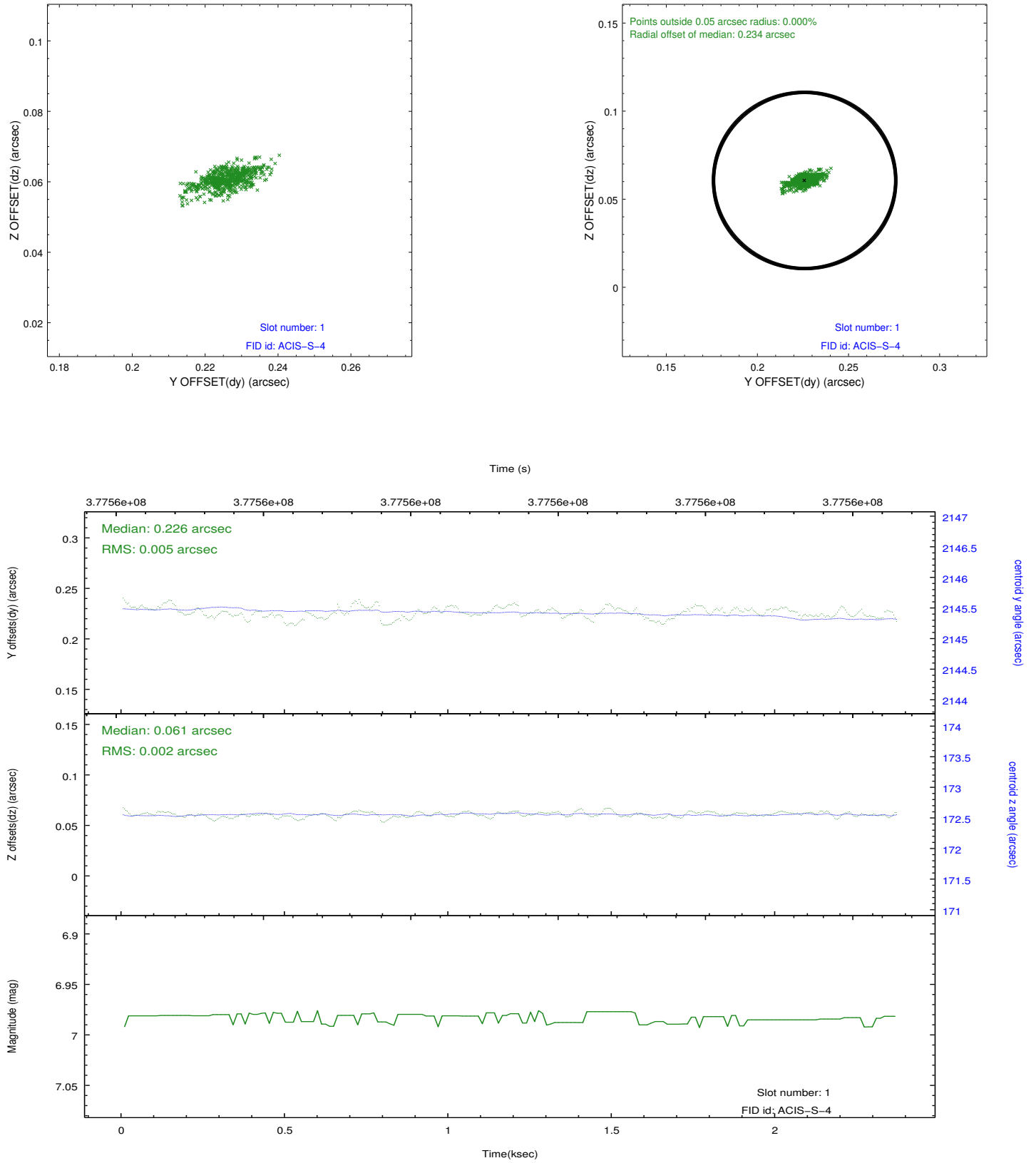


2.5 FID Slots

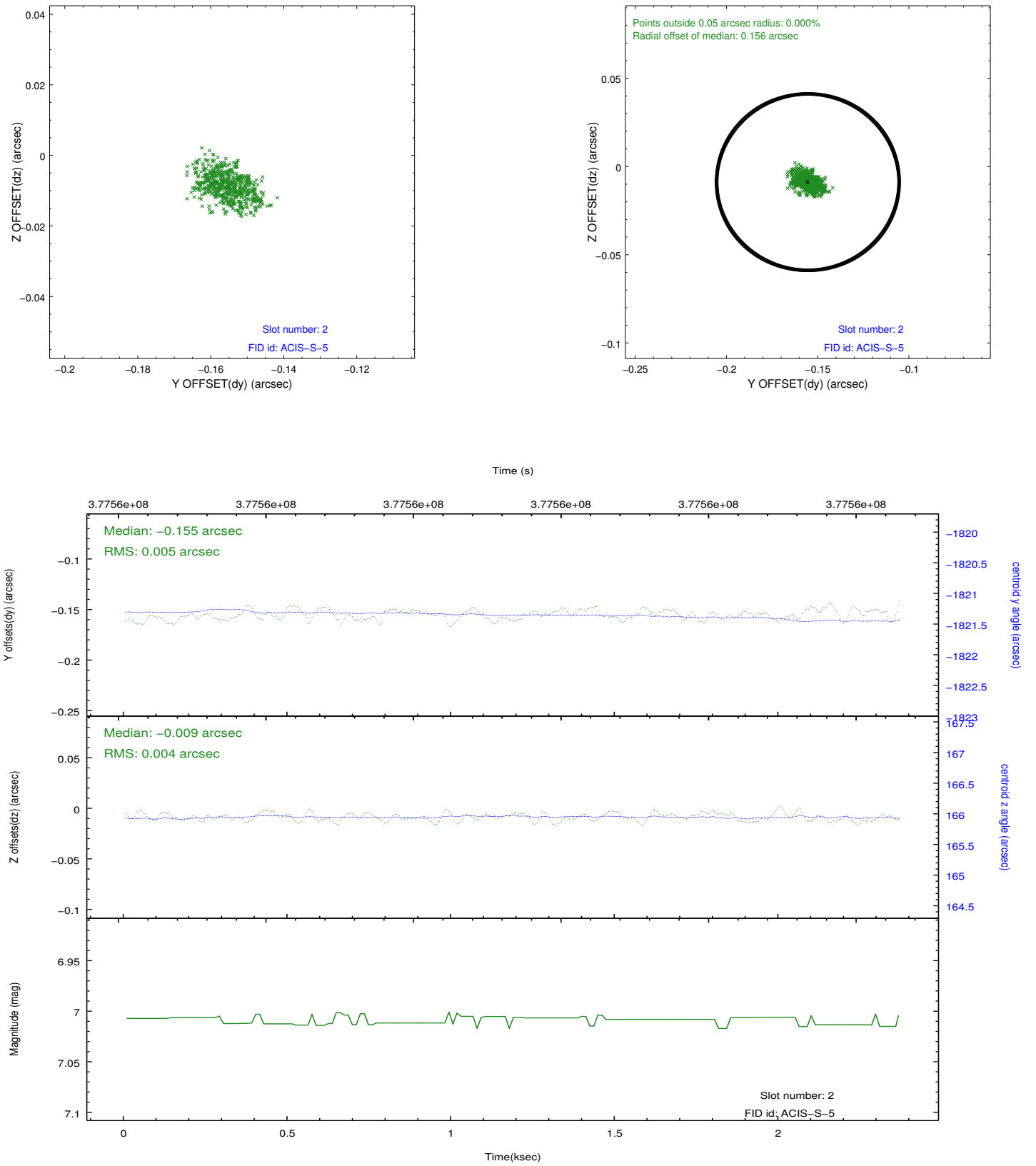
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.033599878788

A.2 Comments