

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4799 - L2 Version 3
Chandra X-Ray Center

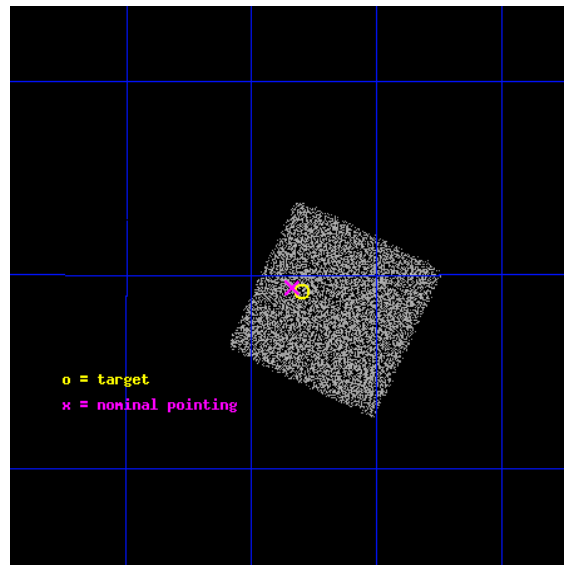
L2 Processing Date : Nov 9 2012

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1 Front

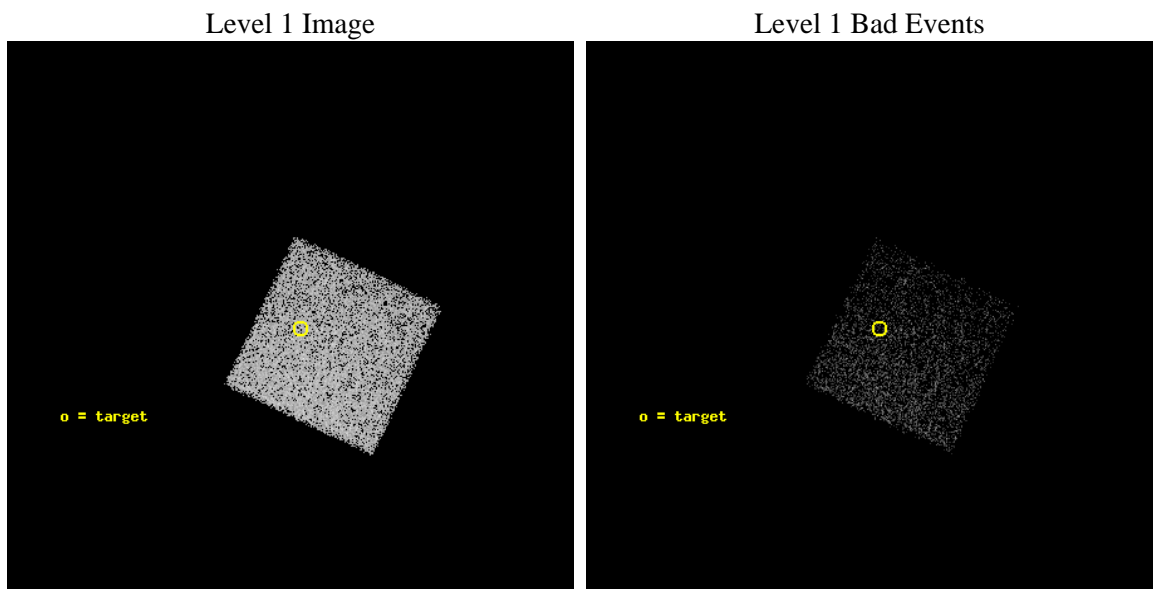
seq_num	700882	Sequence number
obs_id	4799	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1610-1418	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	243.449167	Observer's specified target RA [deg]
dec_targ	29.153222	Observer's specified target Dec [deg]
ra_nom	243.45982746382	Nominal RA [deg]
dec_nom	29.155775822451	Nominal Dec [deg]
roll_nom	25.288428528698	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4098.0	Sum of GTIs [s]
livetime	4042.6959198169	Livetime [s]
ontime7	4098.0	Sum of GTIs [s]
l2events	13438	Number of level 2 events



2 OBI

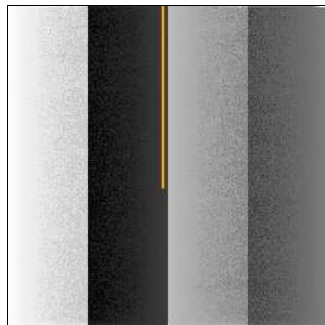
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3956.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4098.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	4098.0	Sum of GTIs [s]
date	2012-11-09T07:36:55	Date and time of file creation	l1events	41478	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

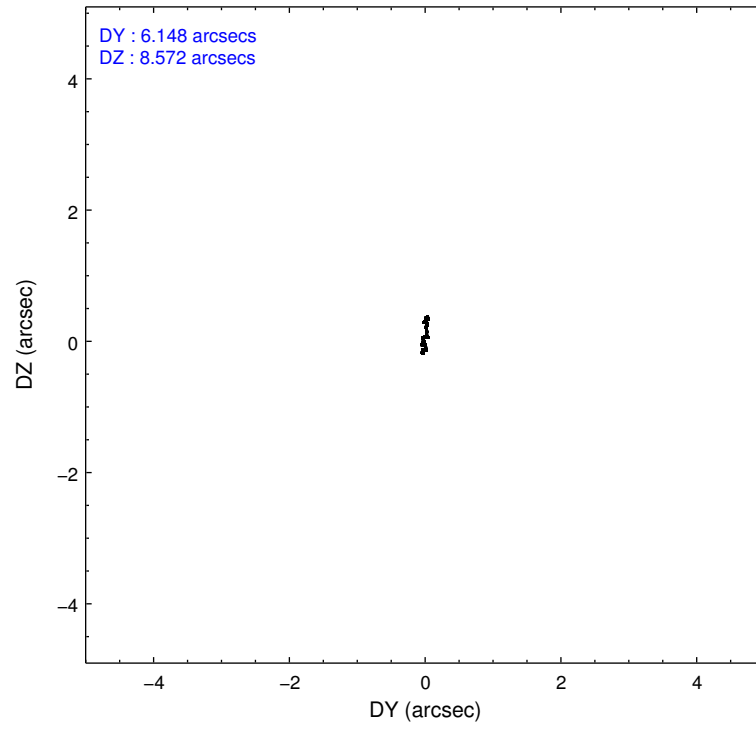
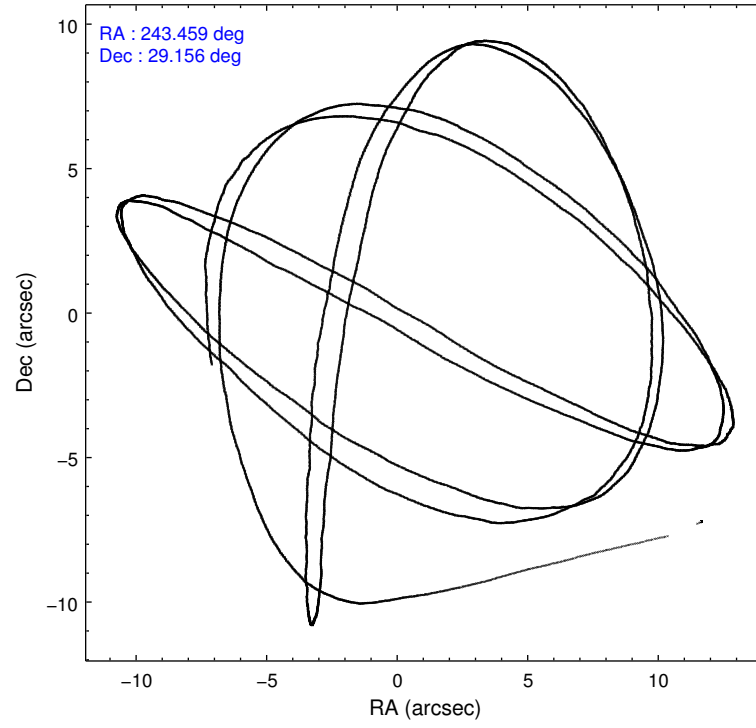
	ccd 7
level 1 events	41478
rejected events	27710
rejected %	66%

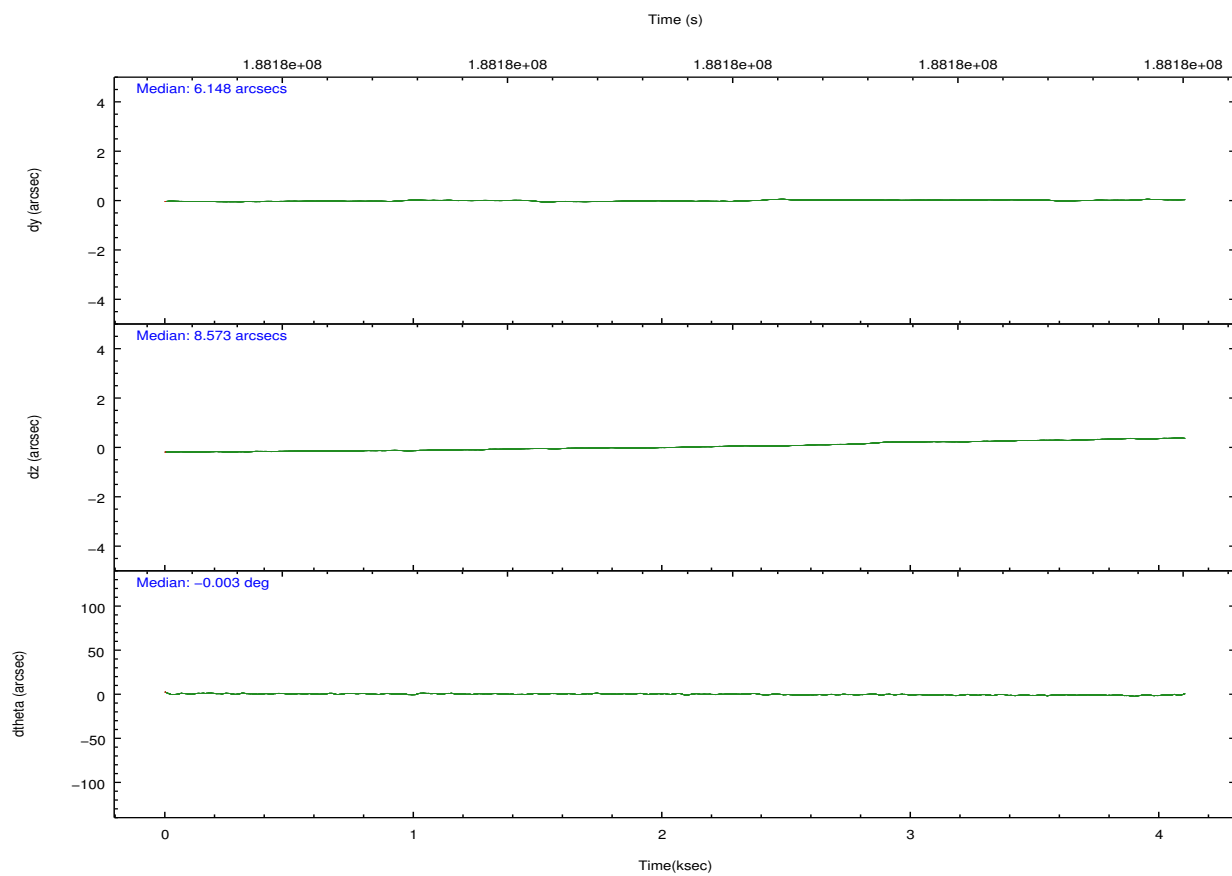
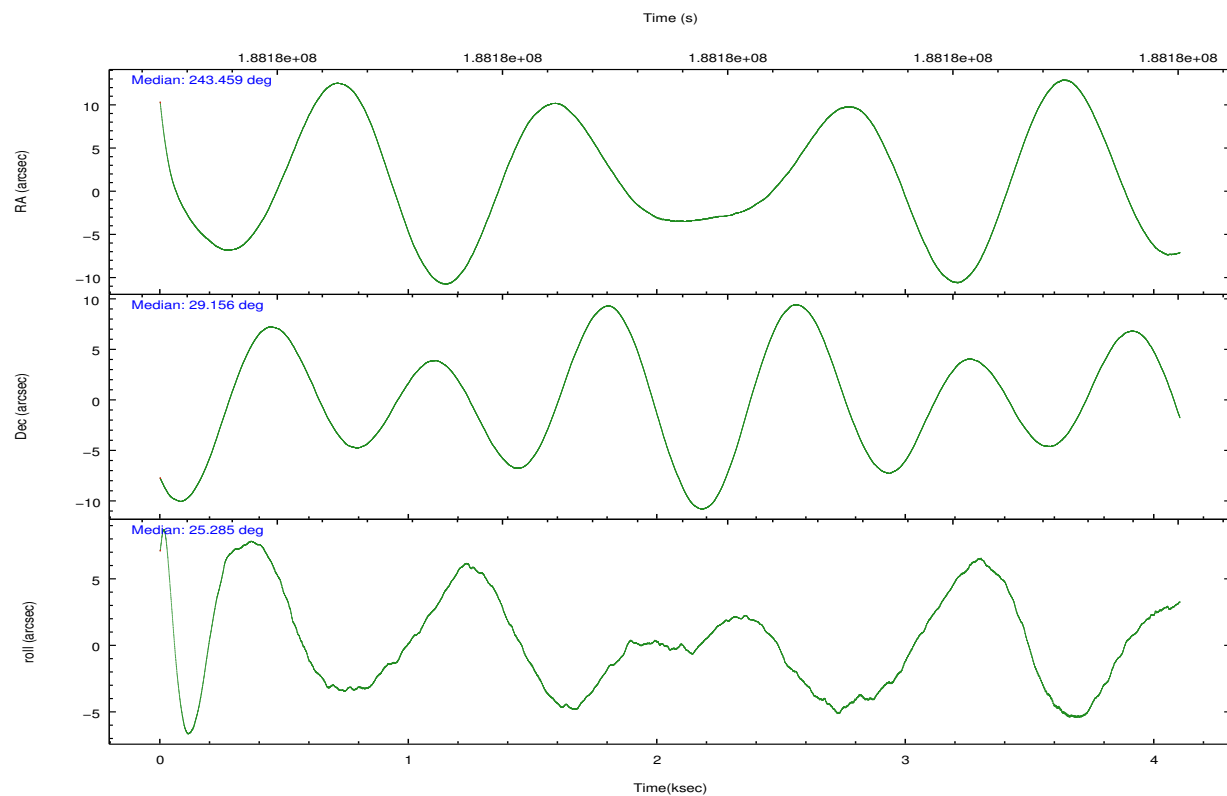
	ccd 7
grade 0 events	1572
	3%
grade 1 events	33
	0%
grade 2 events	3380
	8%
grade 3 events	1586
	3%
grade 4 events	1536
	3%
grade 5 events	4029
	9%
grade 6 events	9015
	21%
grade 7 events	20327
	49%

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	243.442452	243.4598274638165	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.133161	29.1557758224512	Alternating exposures requested	N	N
[deg] Pointing Roll	25.140206	25.28842852869781	[s] Primary exposure time	0.000000	3
[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)	188180838.184000	188179628.97413			
Observation start date	2003-12-19T00:26:14	2003-12-19T00:07:08			
[s] Observation end time (MET)	188184794.184000	188186296.59942			
Observation end date	2003-12-19T01:32:10	2003-12-19T01:58:16			
Read mode	TIMED	TIMED			

2.3 Aspect



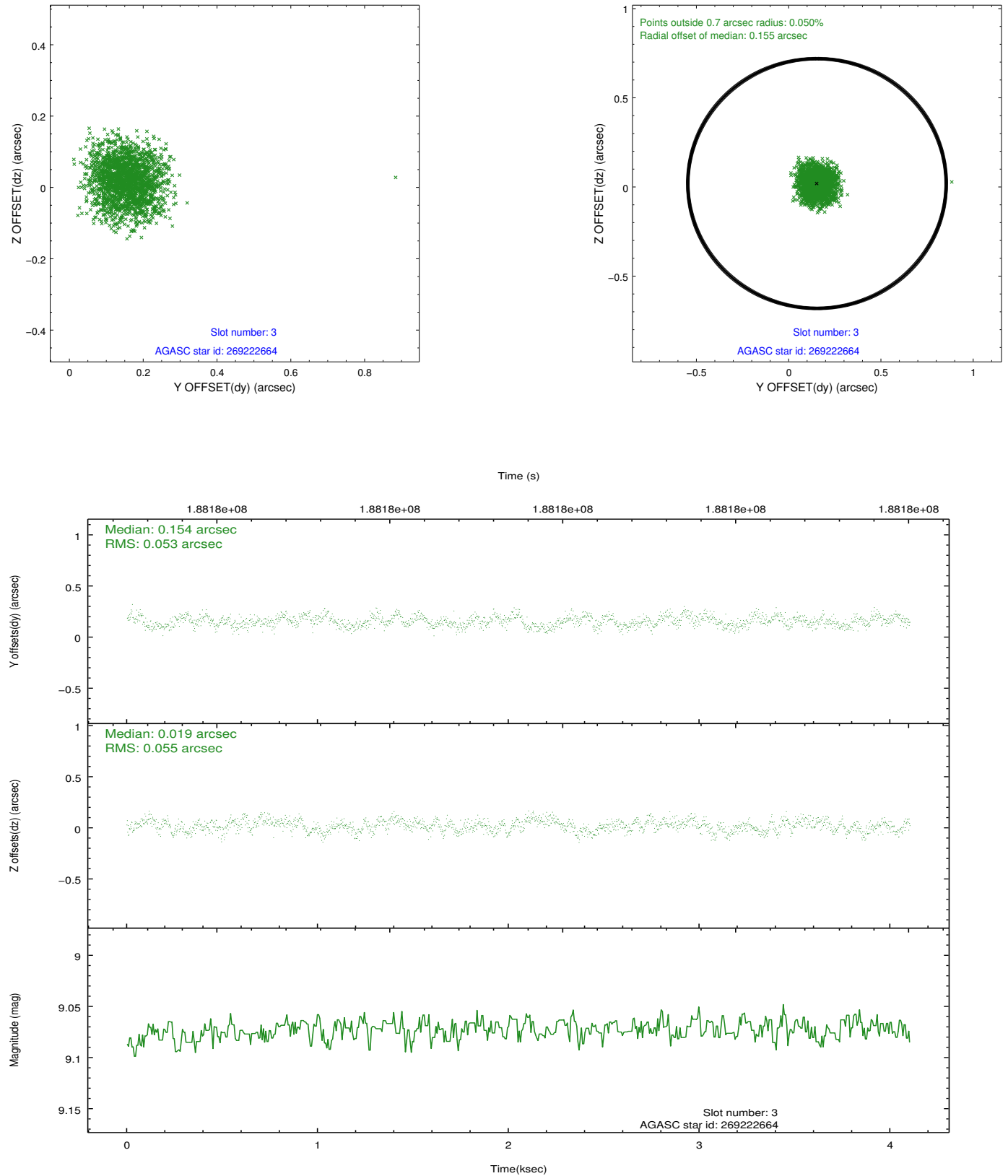


Slot Statistics

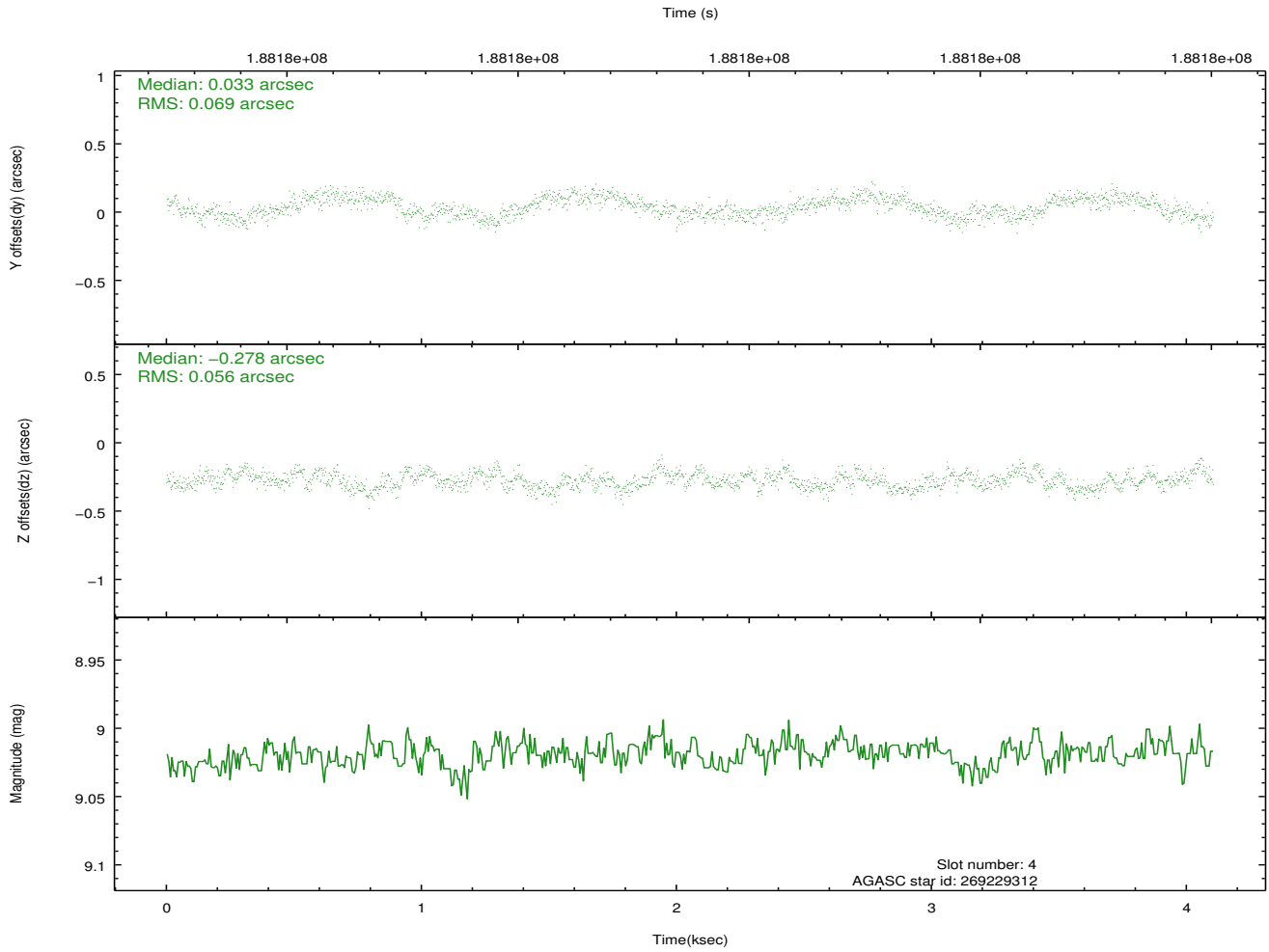
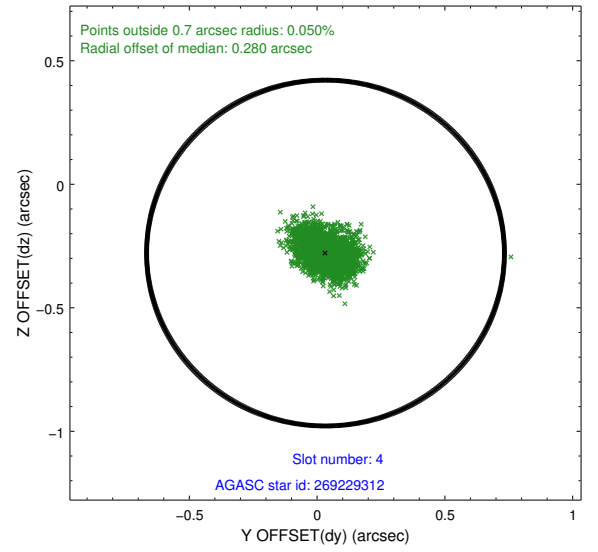
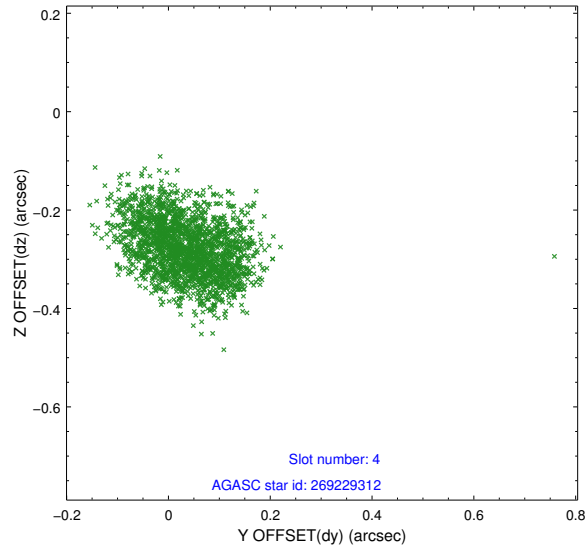
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1002	-0.040	-0.045	0.007	0.011	0.000000	0.000000	-758.93	-1729.86
1	FID	ACIS-S-4	7.20	1002	0.074	0.031	0.007	0.012	0.000000	0.000000	2153.79	177.10
2	FID	ACIS-S-5	7.23	1001	-0.065	0.022	0.006	0.011	0.000000	0.000000	-1809.83	172.53
3	GUIDE	269222664	9.07	2003	0.154	0.019	0.080	0.126	243.194465	28.531507	-1629.06	-1627.06
4	GUIDE	269229312	9.02	2002	0.033	-0.278	0.096	0.146	243.759306	29.395270	1300.96	432.16
5	GUIDE	269229408	9.13	2003	0.010	0.125	0.080	0.131	244.113130	28.936543	1615.94	-1532.53
6	GUIDE	269230256	9.77	1999	-0.048	0.069	0.126	0.201	243.700399	28.707348	87.98	-1733.67
7	GUIDE	269229352	8.39	2002	-0.147	0.066	0.064	0.102	244.216758	29.172148	2266.98	-900.44

2.4 Star Slots

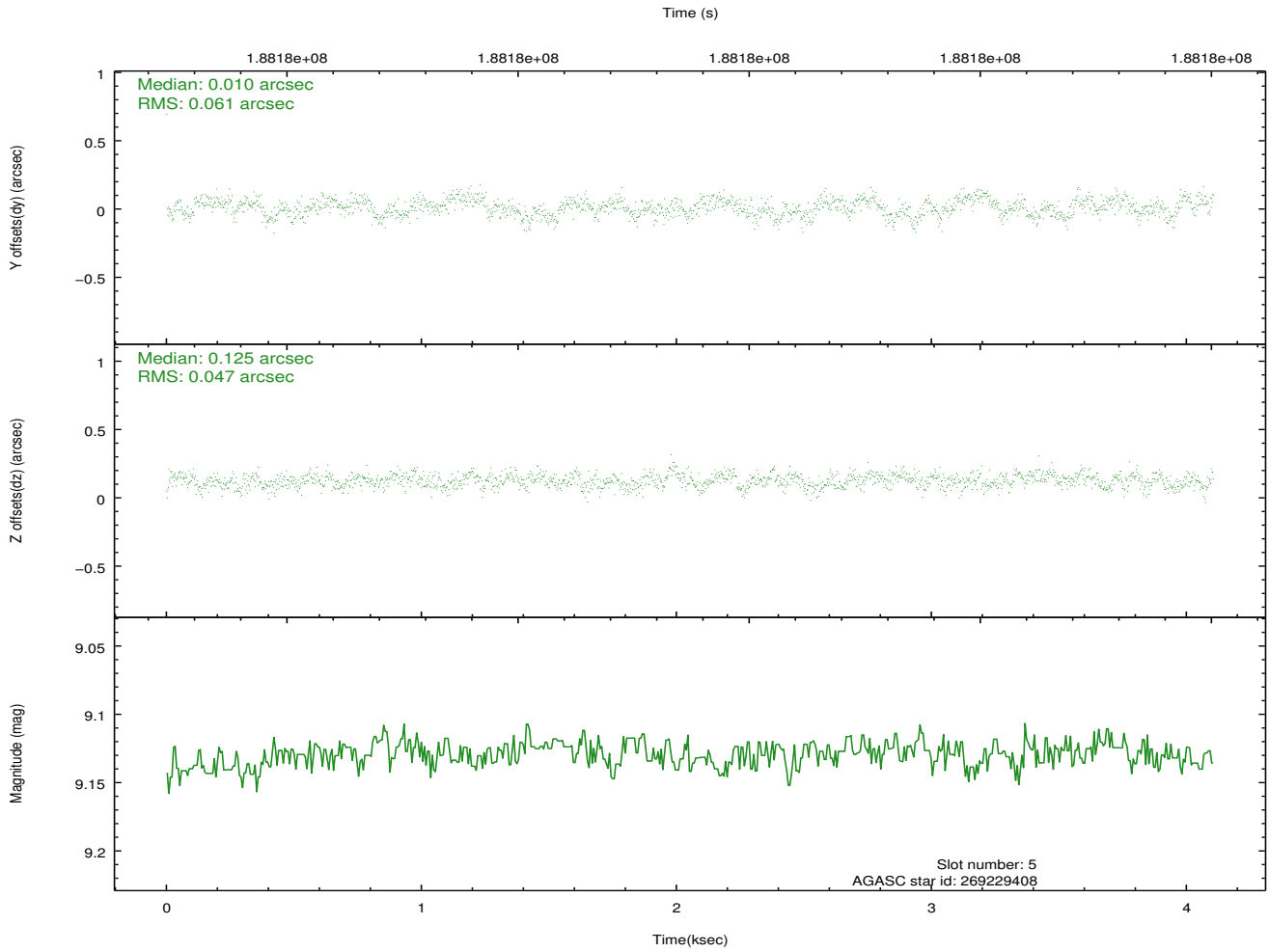
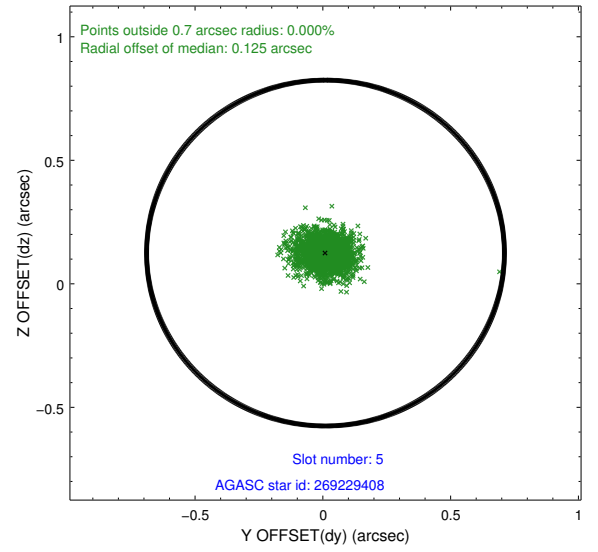
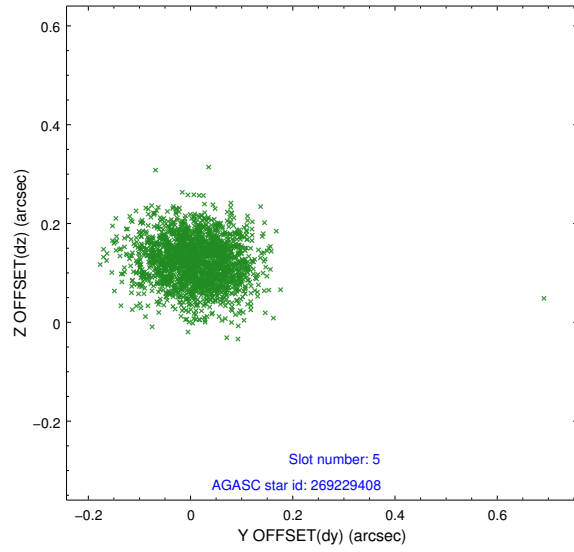
2.4.1 Slot 3



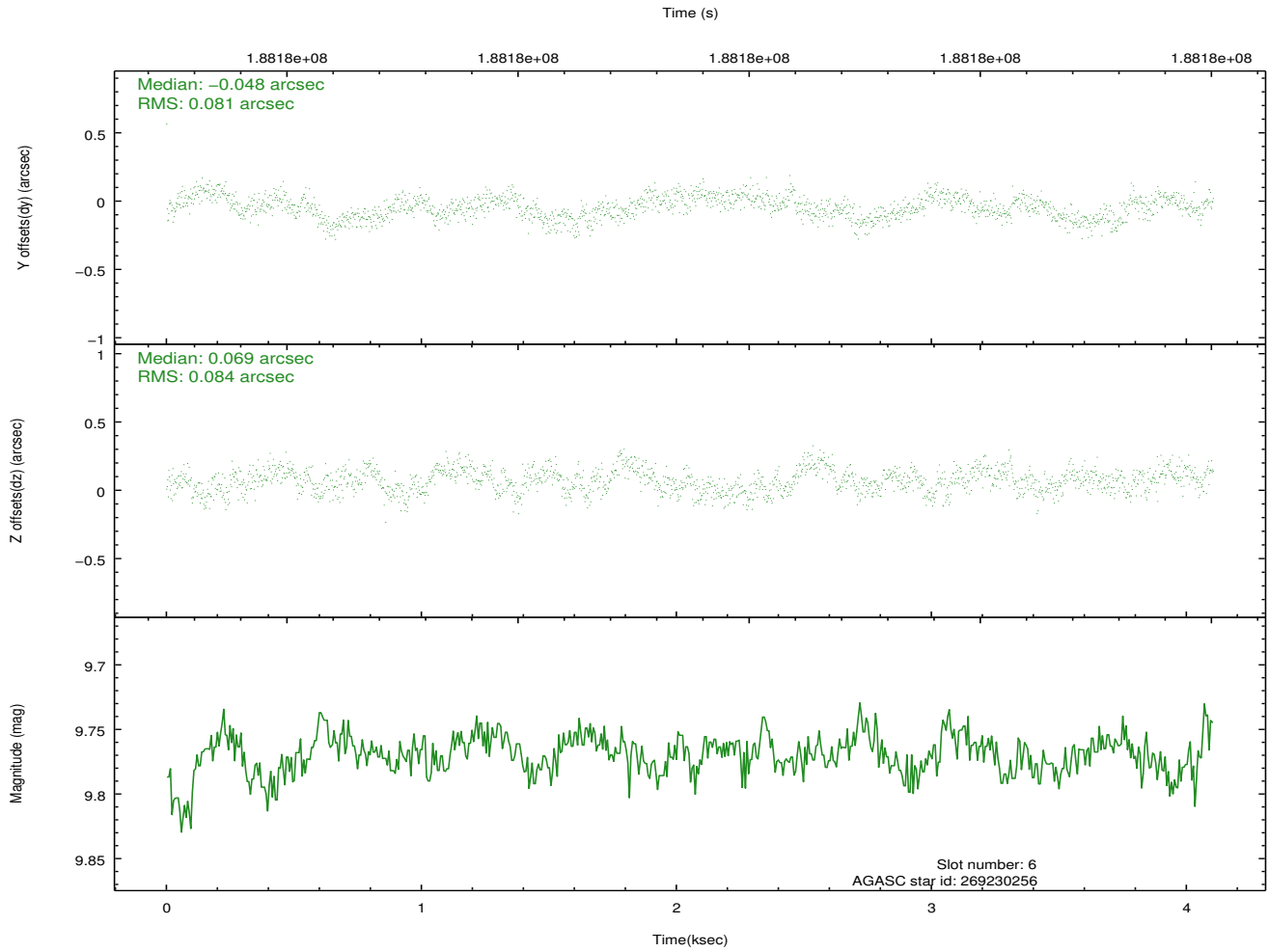
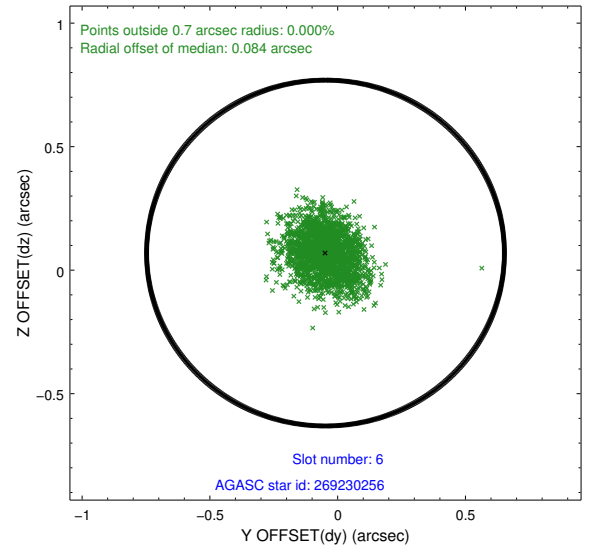
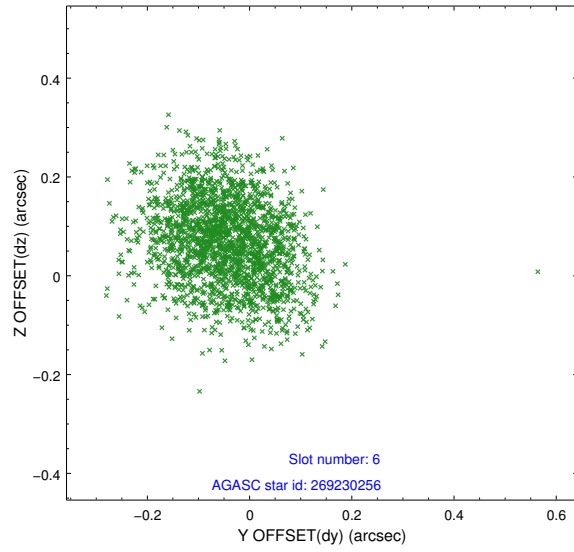
2.4.2 Slot 4



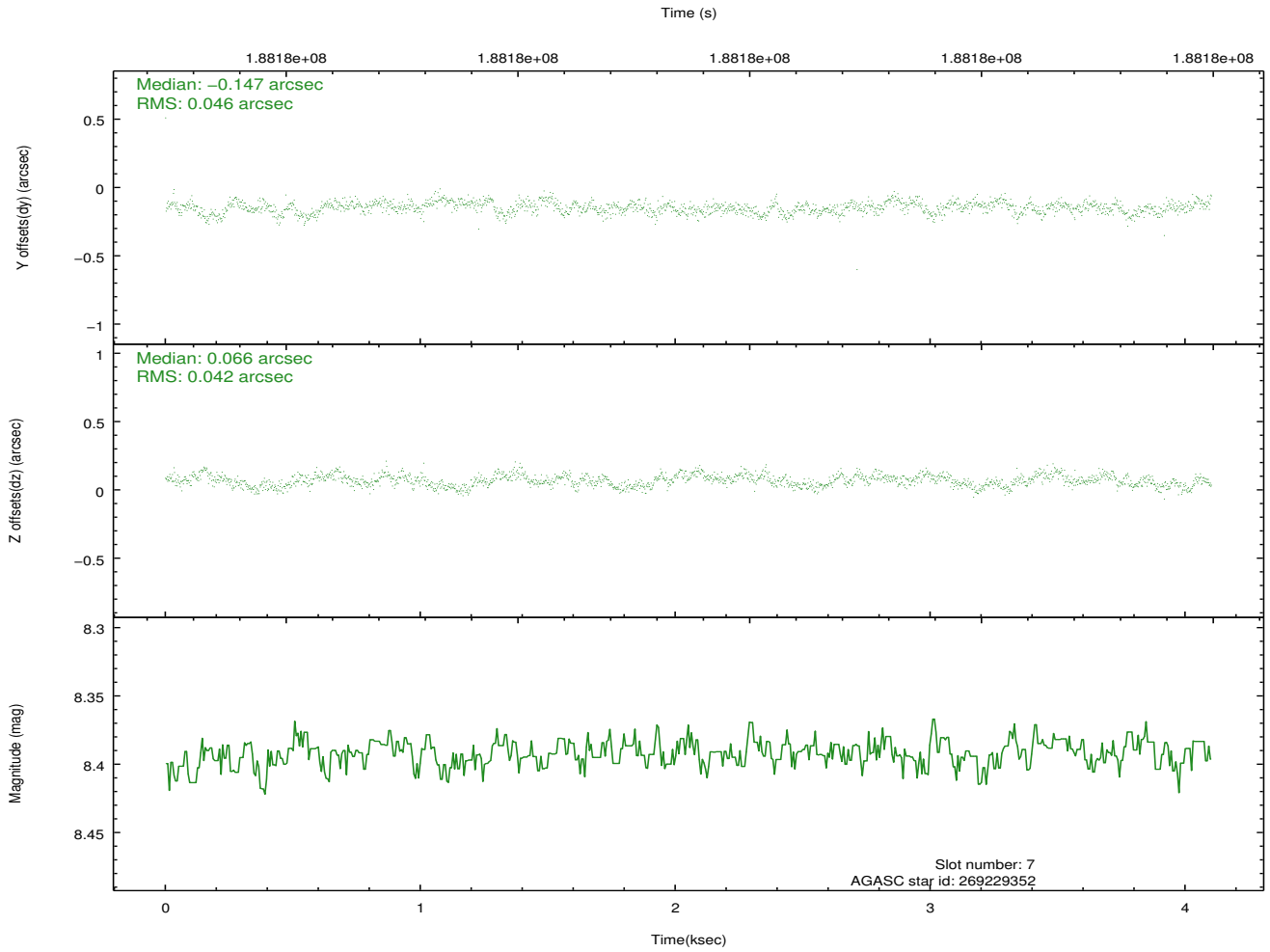
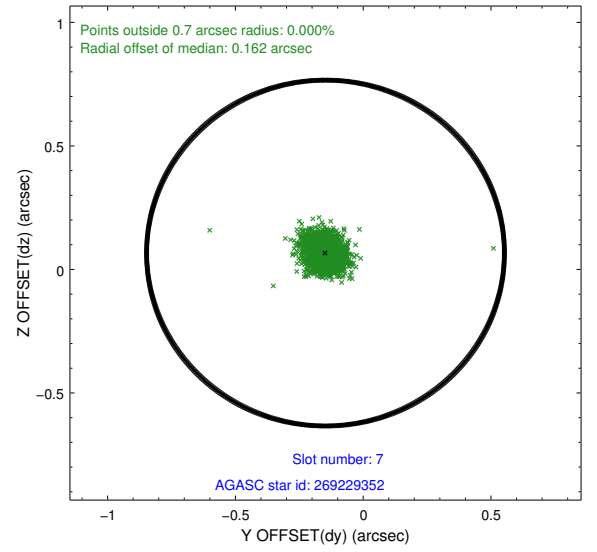
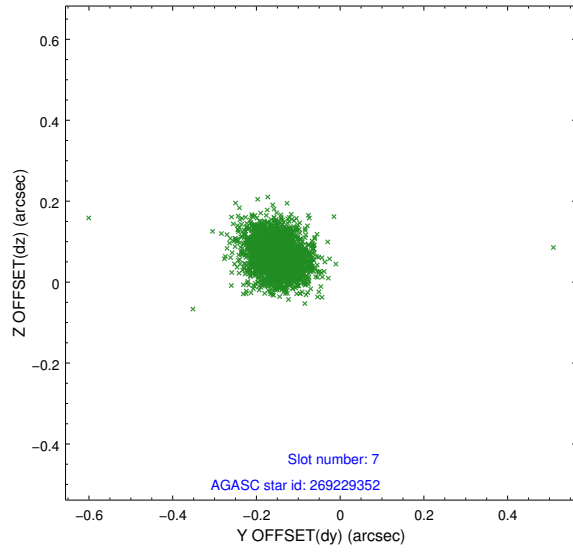
2.4.3 Slot 5



2.4.4 Slot 6

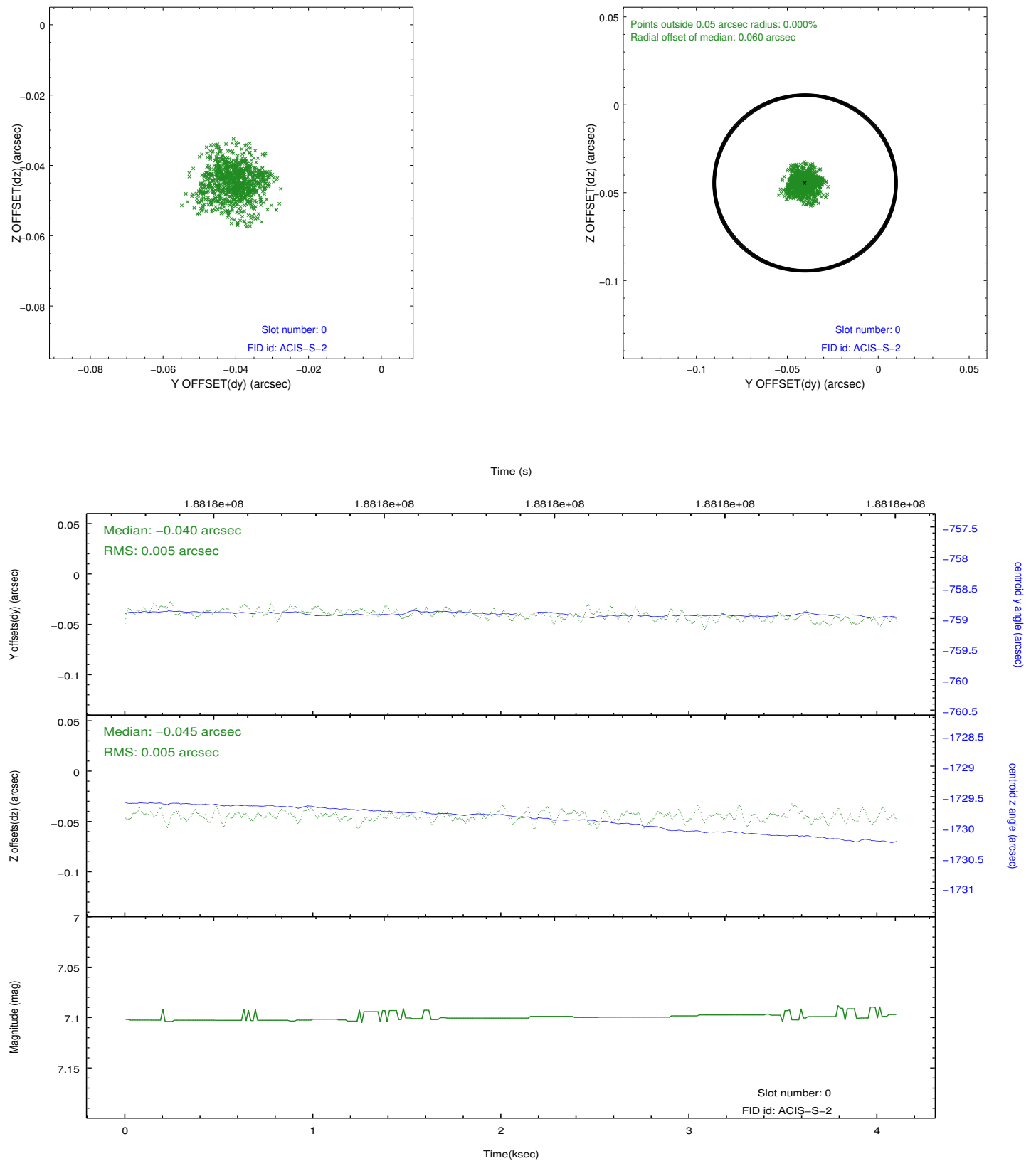


2.4.5 Slot 7

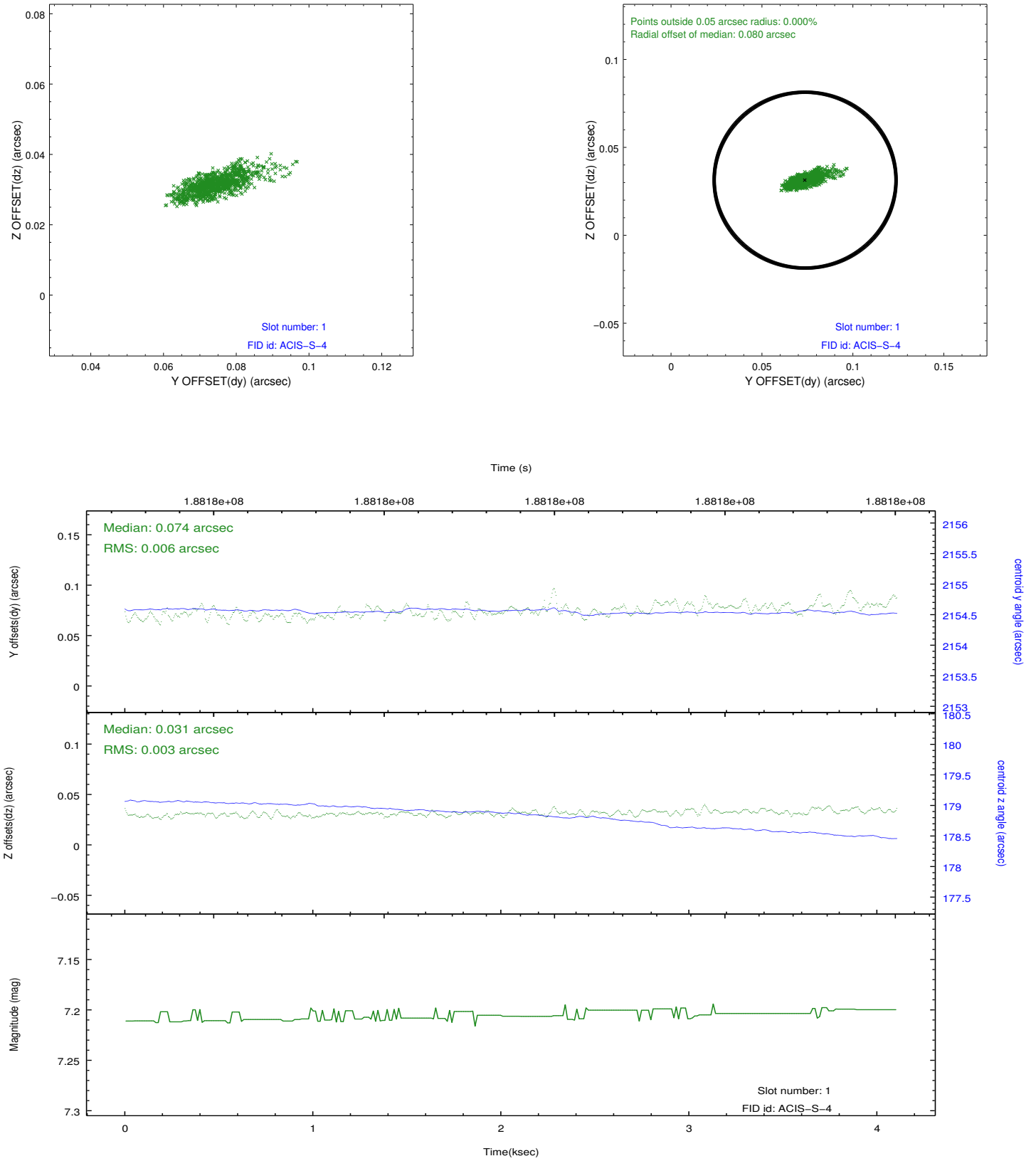


2.5 FID Slots

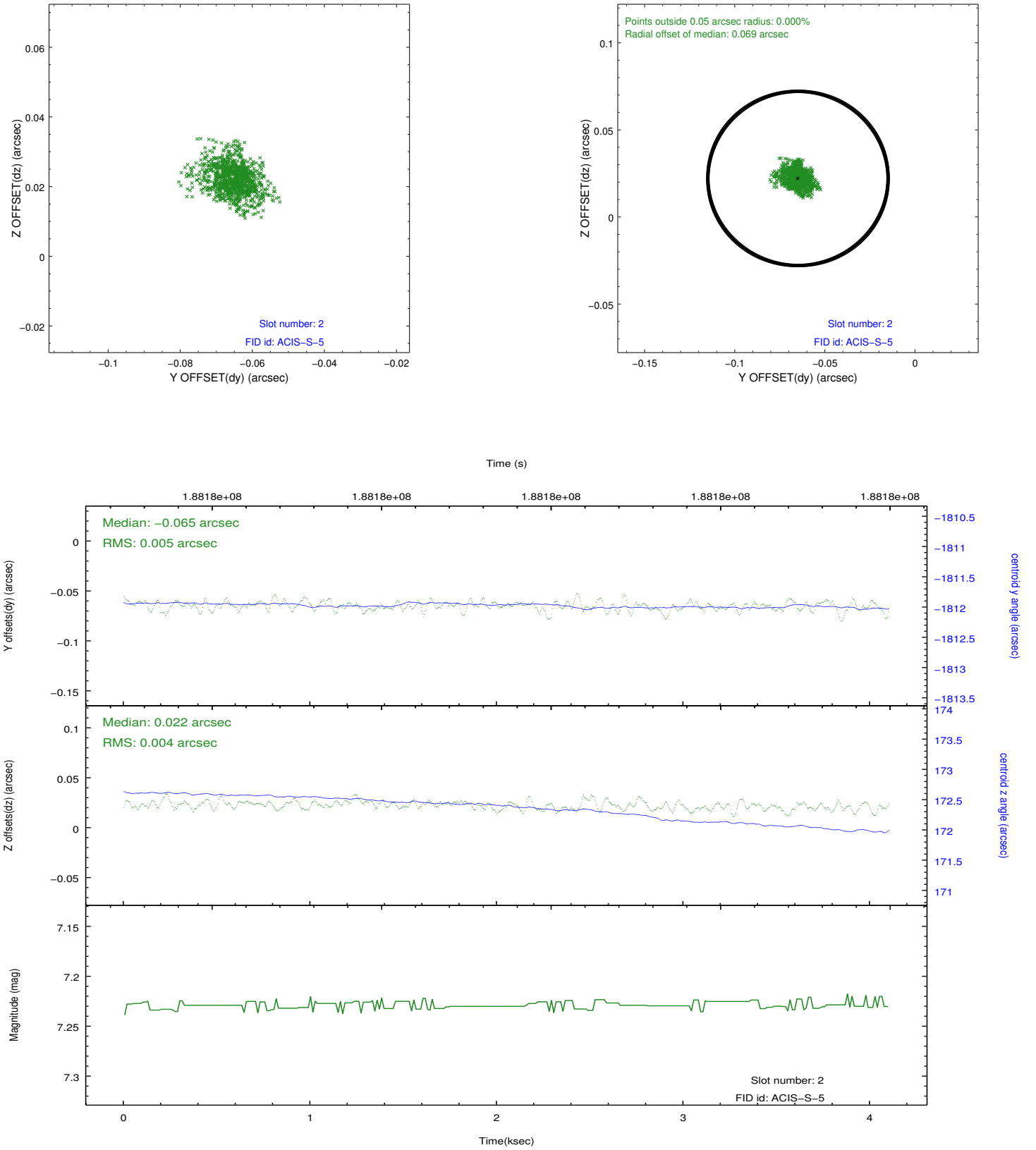
2.5.1 Slot 0



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)	2012.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.098

A.2 Comments