

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9882 - L2 Version 2
Chandra X-Ray Center

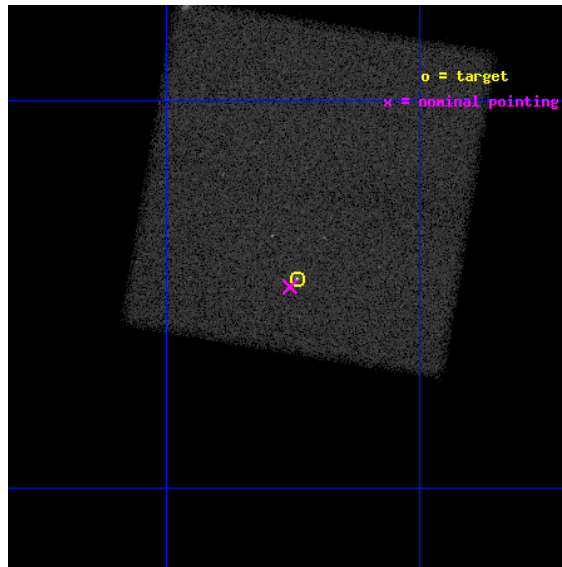
L2 Processing Date : May 18 2012

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1 Front

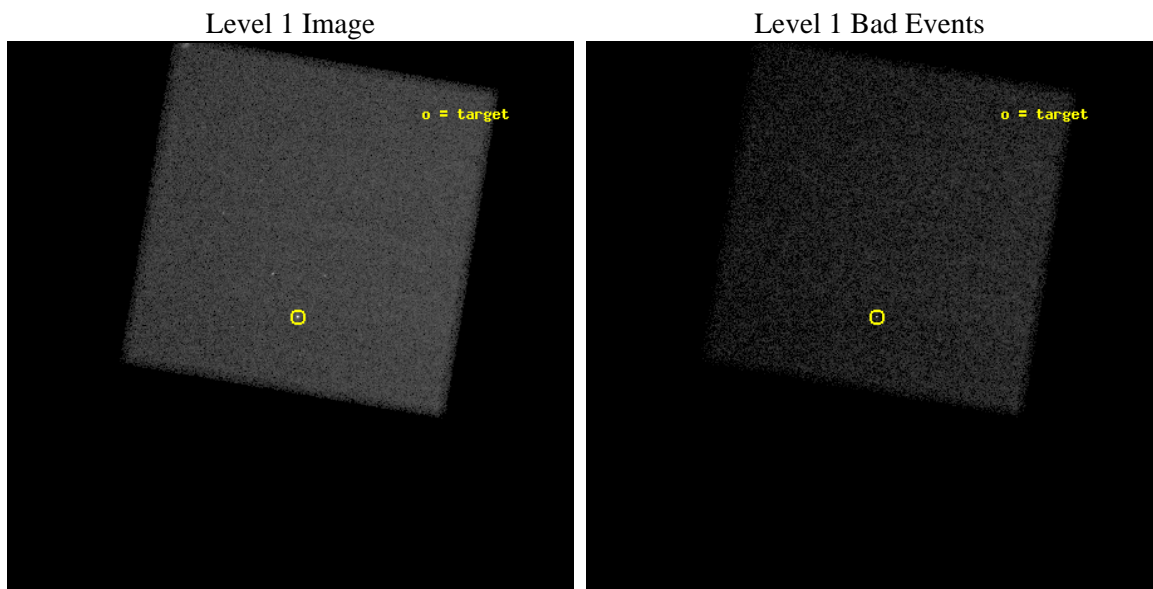
seq_num	400933	Sequence number
obs_id	9882	Observation id
title	The cold neutron star in the long-duration transient AX J1754.2-2754	
observer	Dr Laurens Keek	Principal investigator
object	AX J1754.2-2754	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	268.560417	Observer's specified target RA [deg]
dec_targ	-27.909889	Observer's specified target Dec [deg]
ra_nom	268.56404061395	Nominal RA [deg]
dec_nom	-27.913520826345	Nominal Dec [deg]
roll_nom	279.48820133249	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30180.0	Sum of GTIs [s]
livetime	29772.70933628	Livetime [s]
ontime7	30180.0	Sum of GTIs [s]
l2events	172555	Number of level 2 events



2 OBI

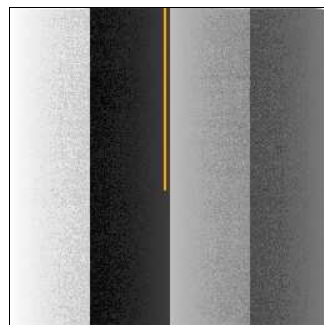
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	30000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	30180.0	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	30180.0	Sum of GTIs [s]
date	2012-05-18T03:45:37	Date and time of file creation	l1events	431270	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

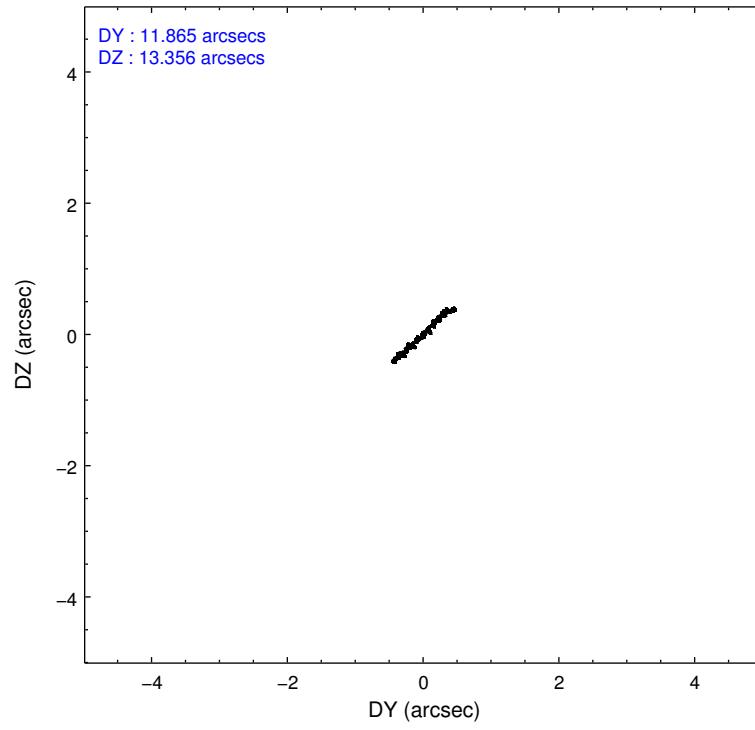
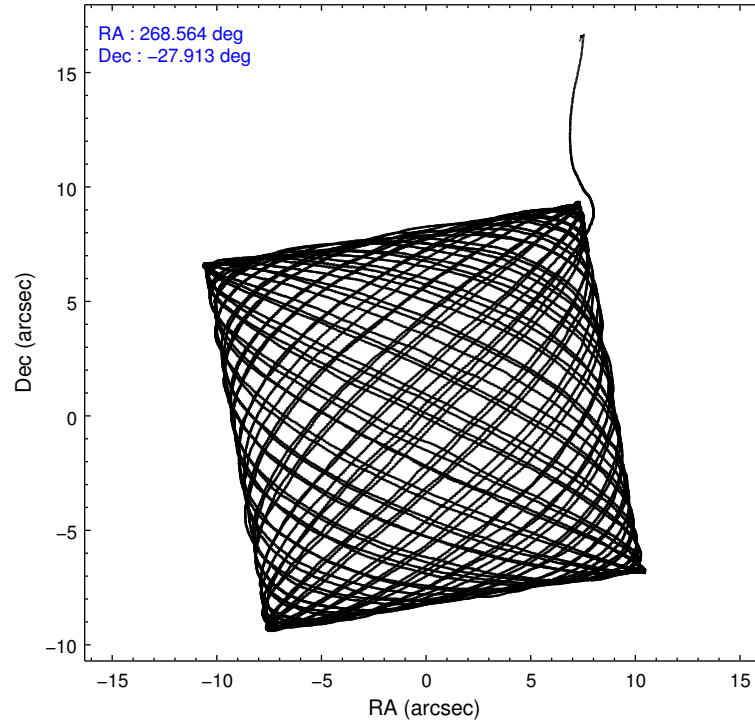
	ccd 7
level 1 events	431270
rejected events	254910
rejected %	59%

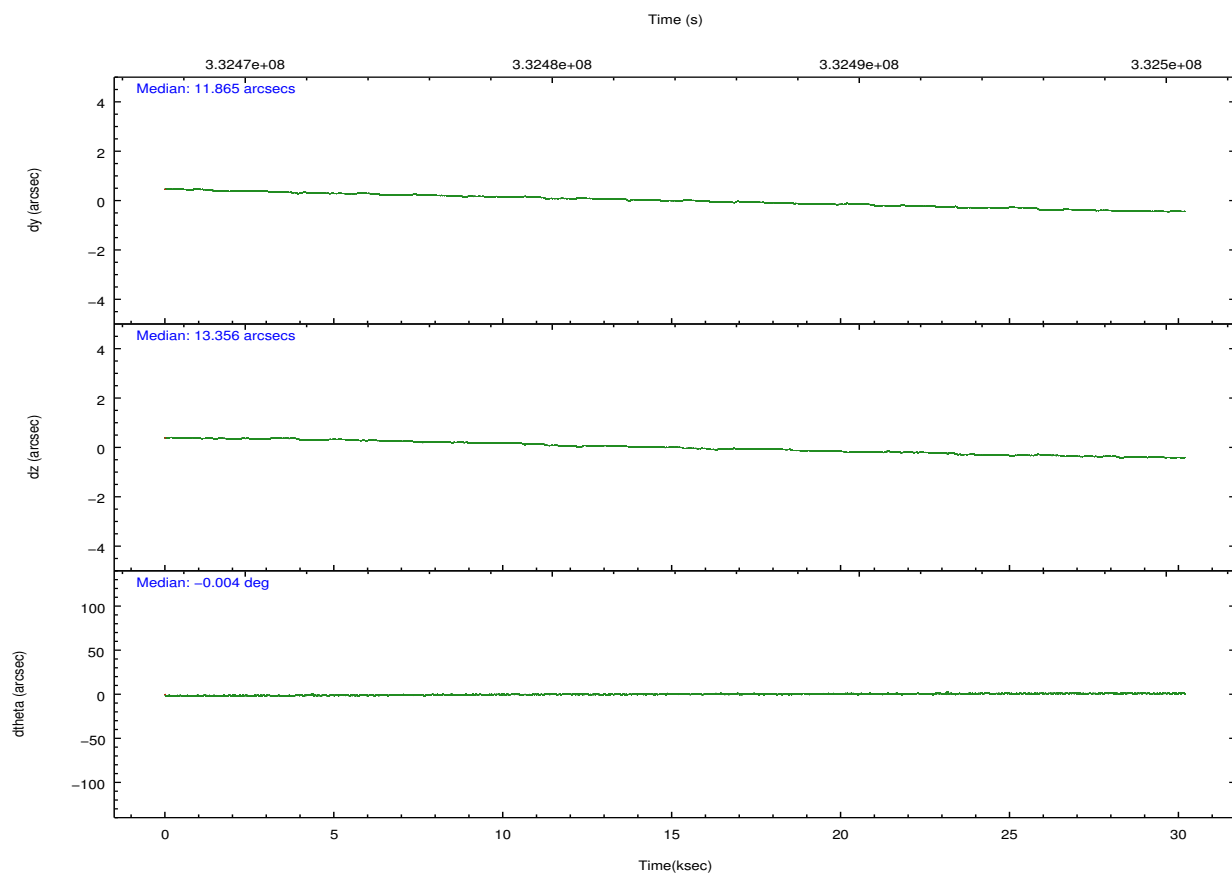
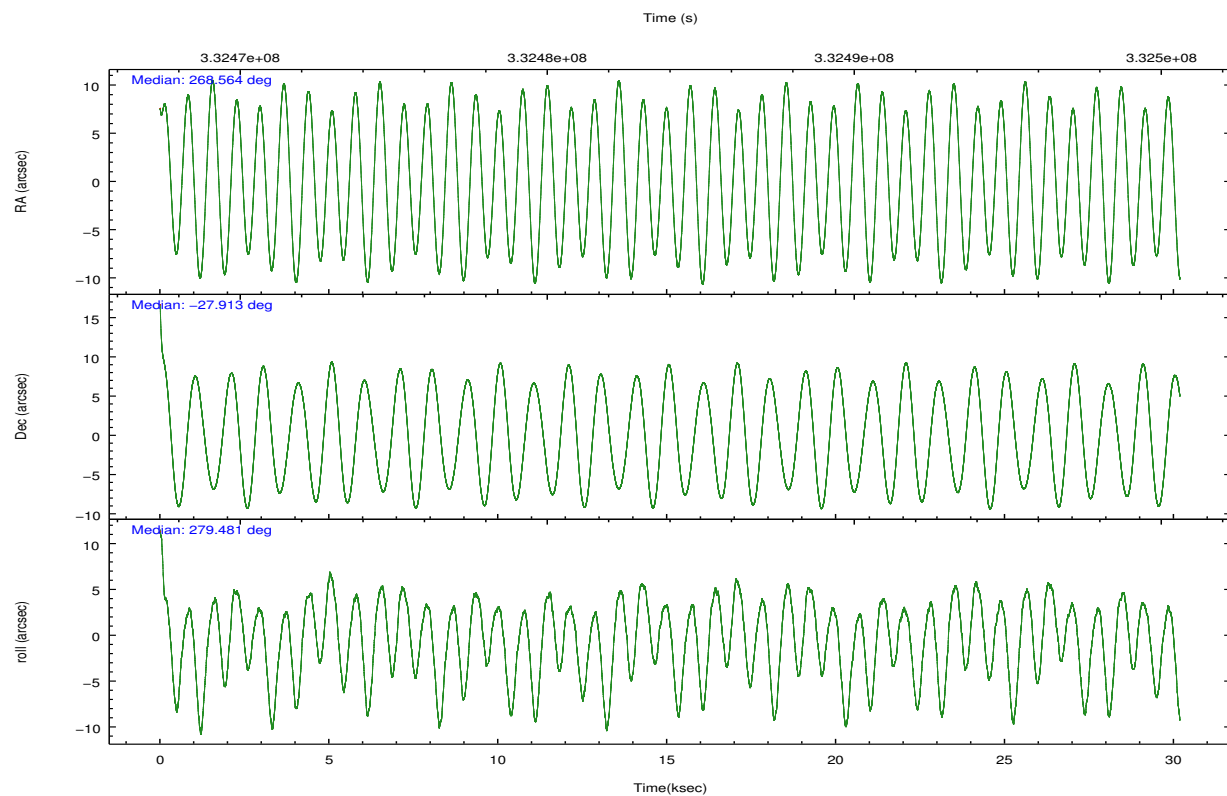
	ccd 7
grade 0 events	31389
	7%
grade 1 events	493
	0%
grade 2 events	37619
	8%
grade 3 events	15841
	3%
grade 4 events	15639
	3%
grade 5 events	38453
	8%
grade 6 events	96145
	22%
grade 7 events	195691
	45%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	268.544031	268.5640406139506	Subarray requested	NONE	NONE
[deg] Pointing Dec	-27.892678	-27.91352082634499	Alternating exposures requested	N	N
[deg] Pointing Roll	279.322198	279.4882013324923	[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)	332469090.184000	332467629.02733			
Observation start date	2008-07-15T00:30:25	2008-07-15T00:07:09			
[s] Observation end time (MET)	332499090.184000	332500183.02893			
Observation end date	2008-07-15T08:50:25	2008-07-15T09:09:43			
Read mode	TIMED	TIMED			

2.3 Aspect



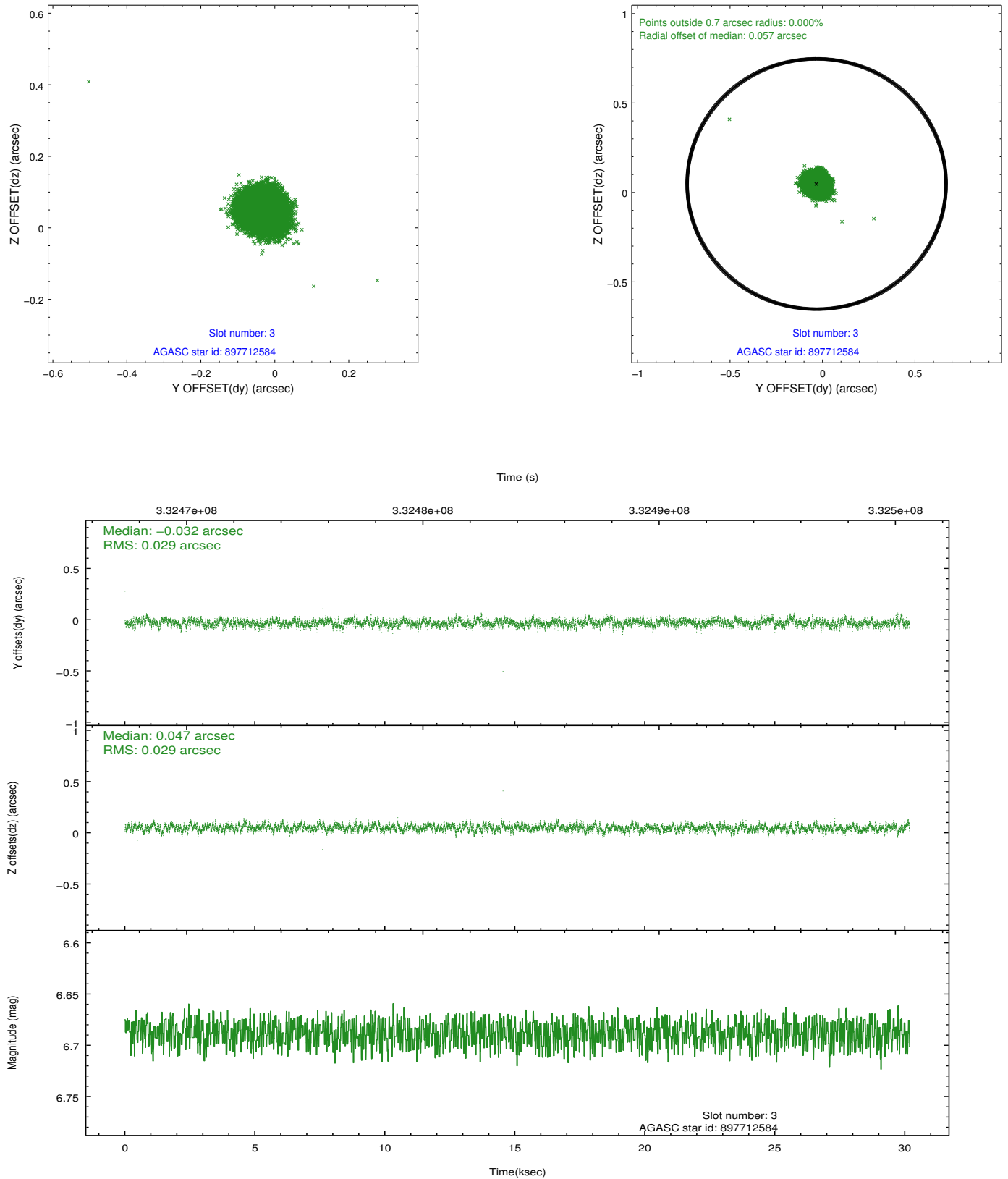


Slot Statistics

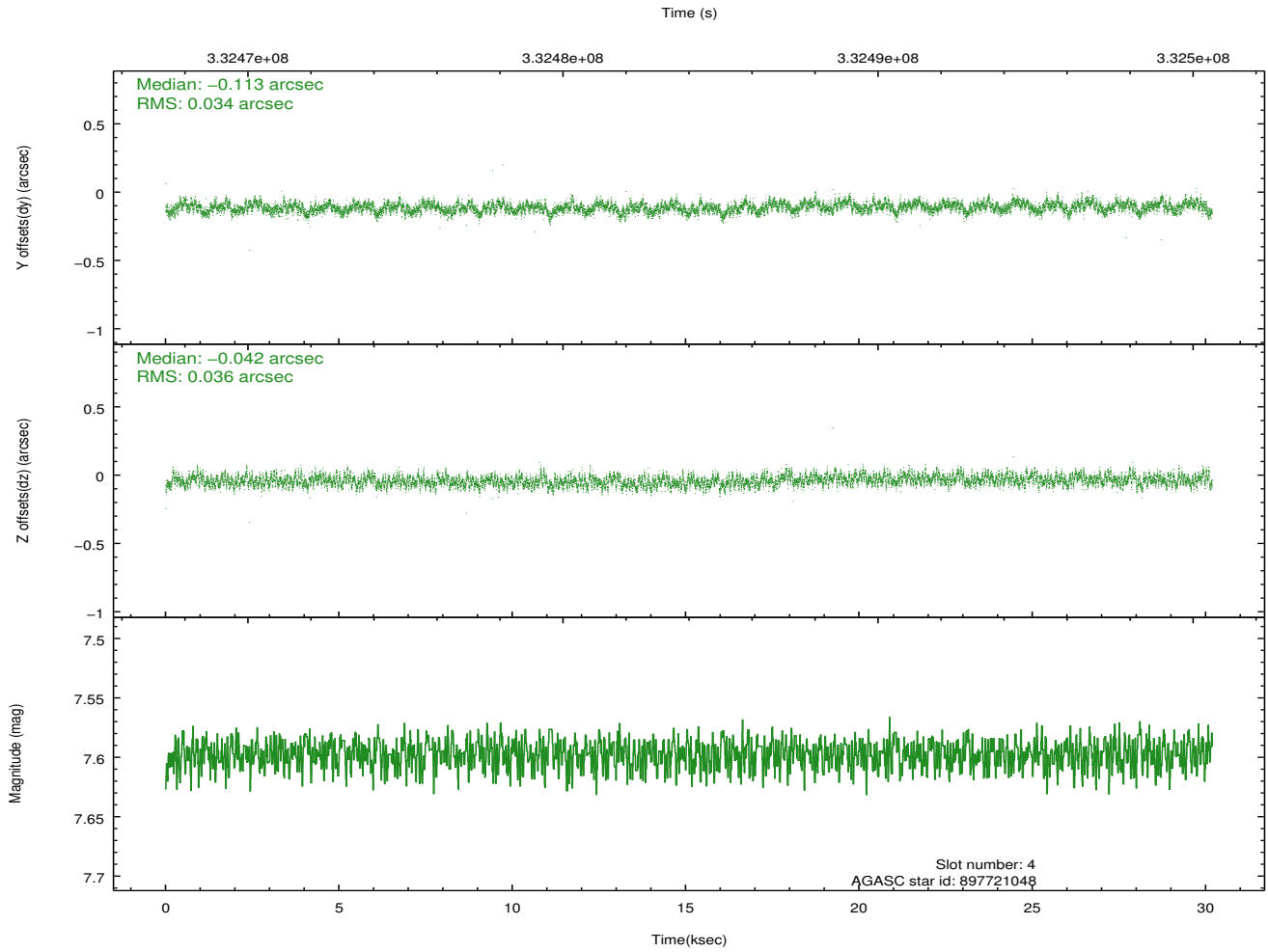
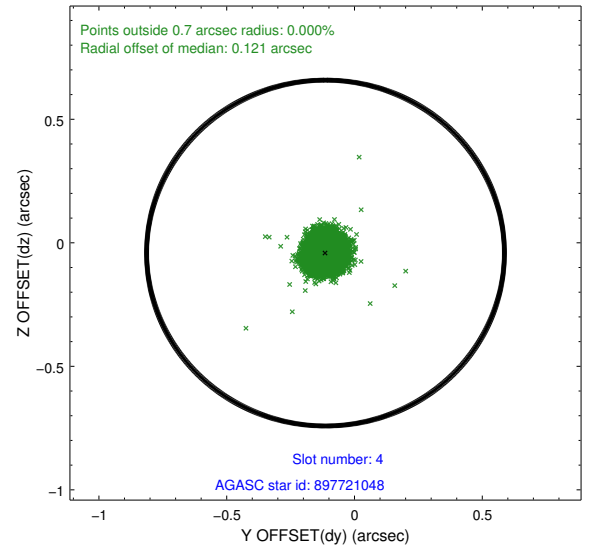
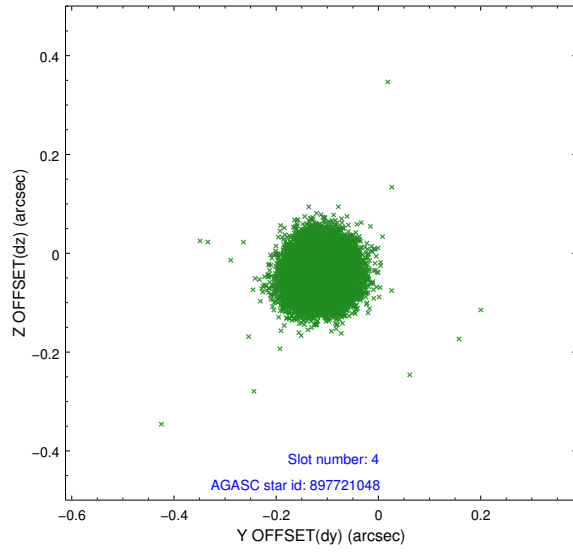
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	7363	-0.029	-0.023	0.008	0.013	0.000000	0.000000	-764.78	-1734.70
1	FID	ACIS-S-4	6.97	7363	0.106	0.021	0.009	0.017	0.000000	0.000000	2148.61	173.73
2	FID	ACIS-S-5	7.00	7361	-0.108	0.012	0.009	0.015	0.000000	0.000000	-1817.60	167.50
3	GUIDE	897712584	6.69	14725	-0.032	0.047	0.044	0.069	268.003029	-28.022394	186.65	-1772.52
4	GUIDE	897721048	7.60	14723	-0.113	-0.042	0.053	0.085	268.989561	-28.030814	722.74	1316.26
5	GUIDE	896011072	8.86	14715	0.055	-0.137	0.082	0.129	267.780553	-27.396374	-2149.40	-2120.62
6	GUIDE	897717760	7.26	14723	-0.040	0.236	0.061	0.103	268.392593	-27.282645	-2245.08	-122.40
7	GUIDE	898243552	8.75	14664	0.132	-0.104	0.101	0.178	267.970066	-28.622317	2303.15	-2215.71

2.4 Star Slots

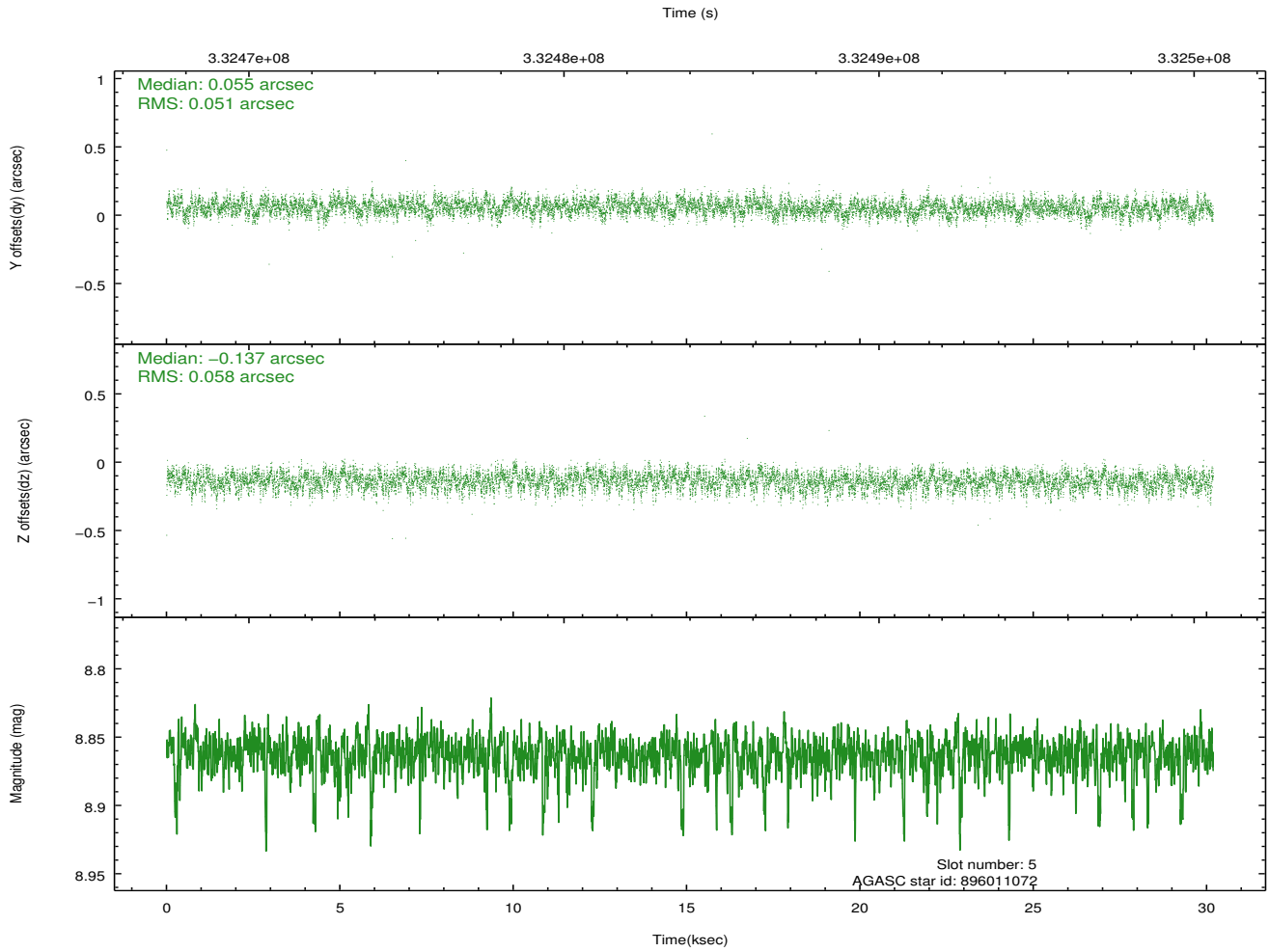
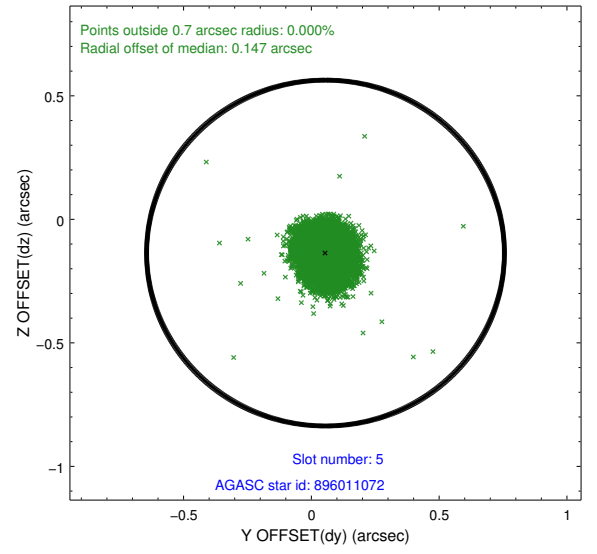
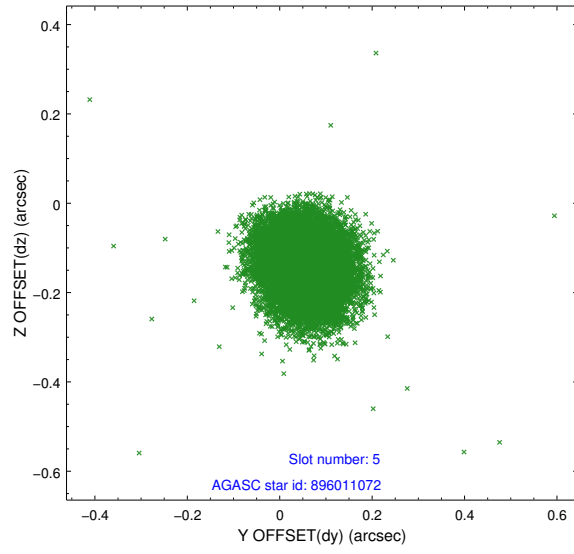
2.4.1 Slot 3



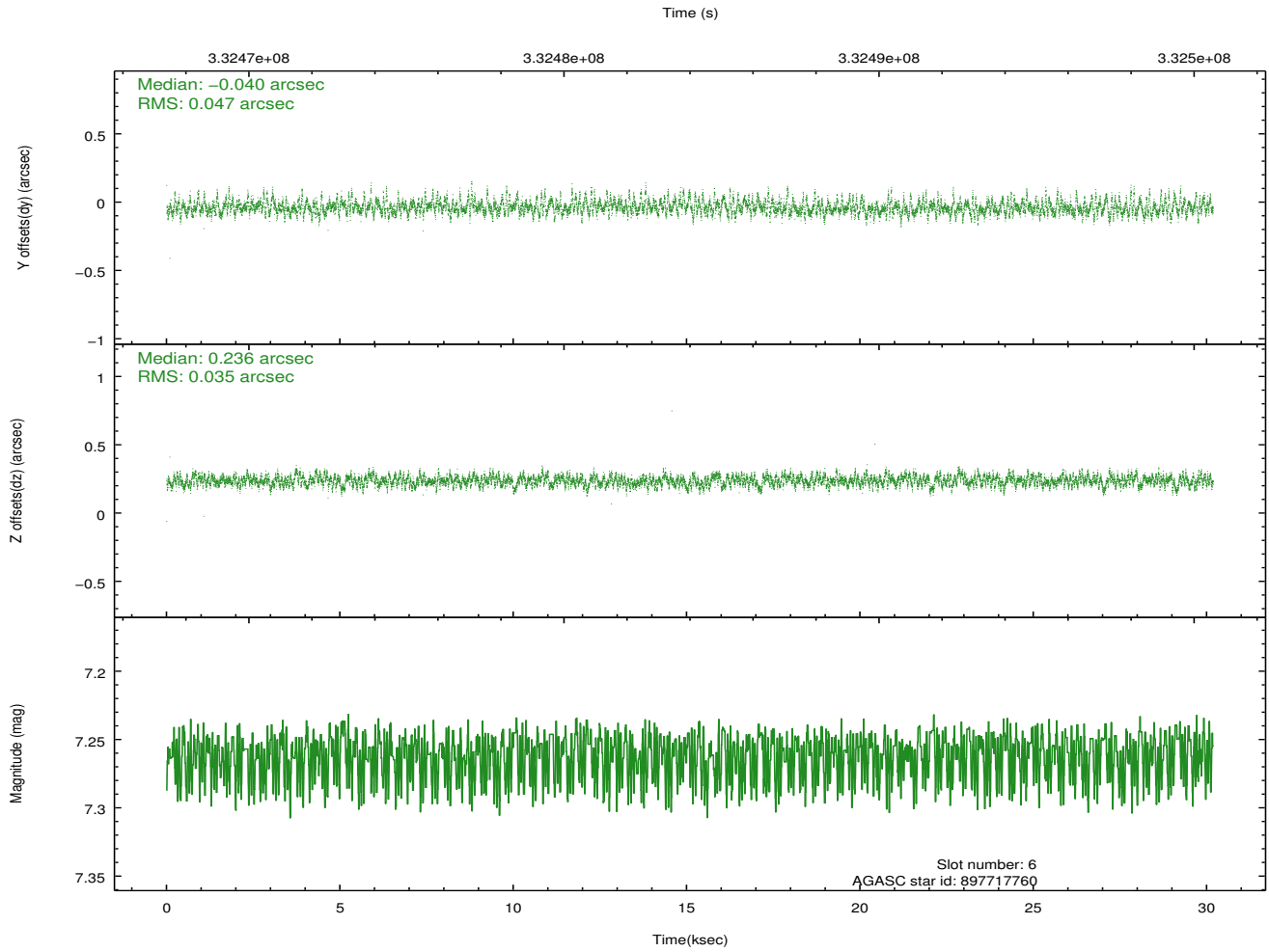
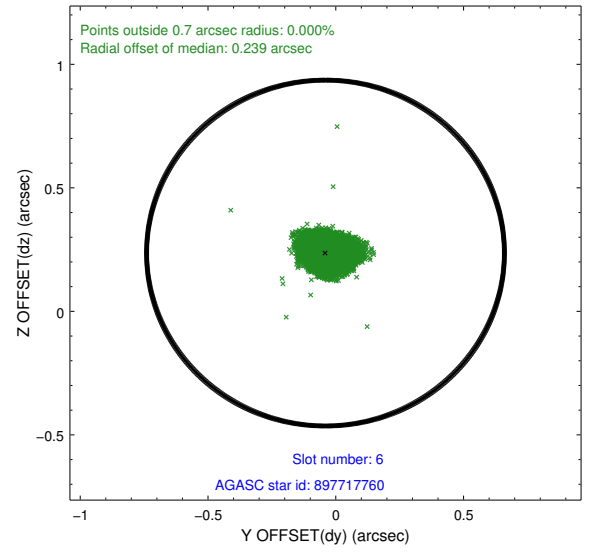
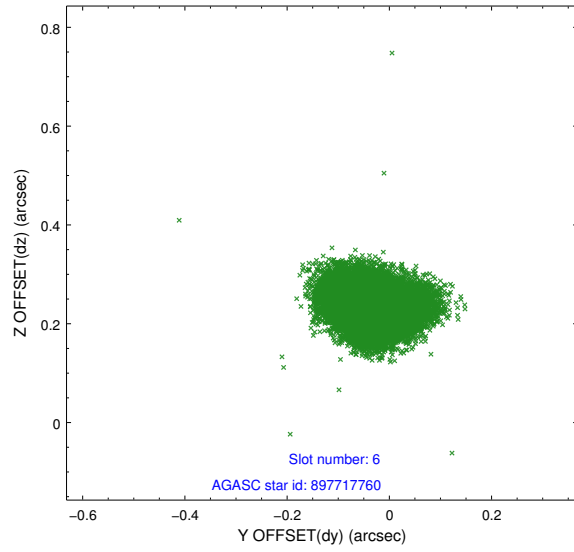
2.4.2 Slot 4



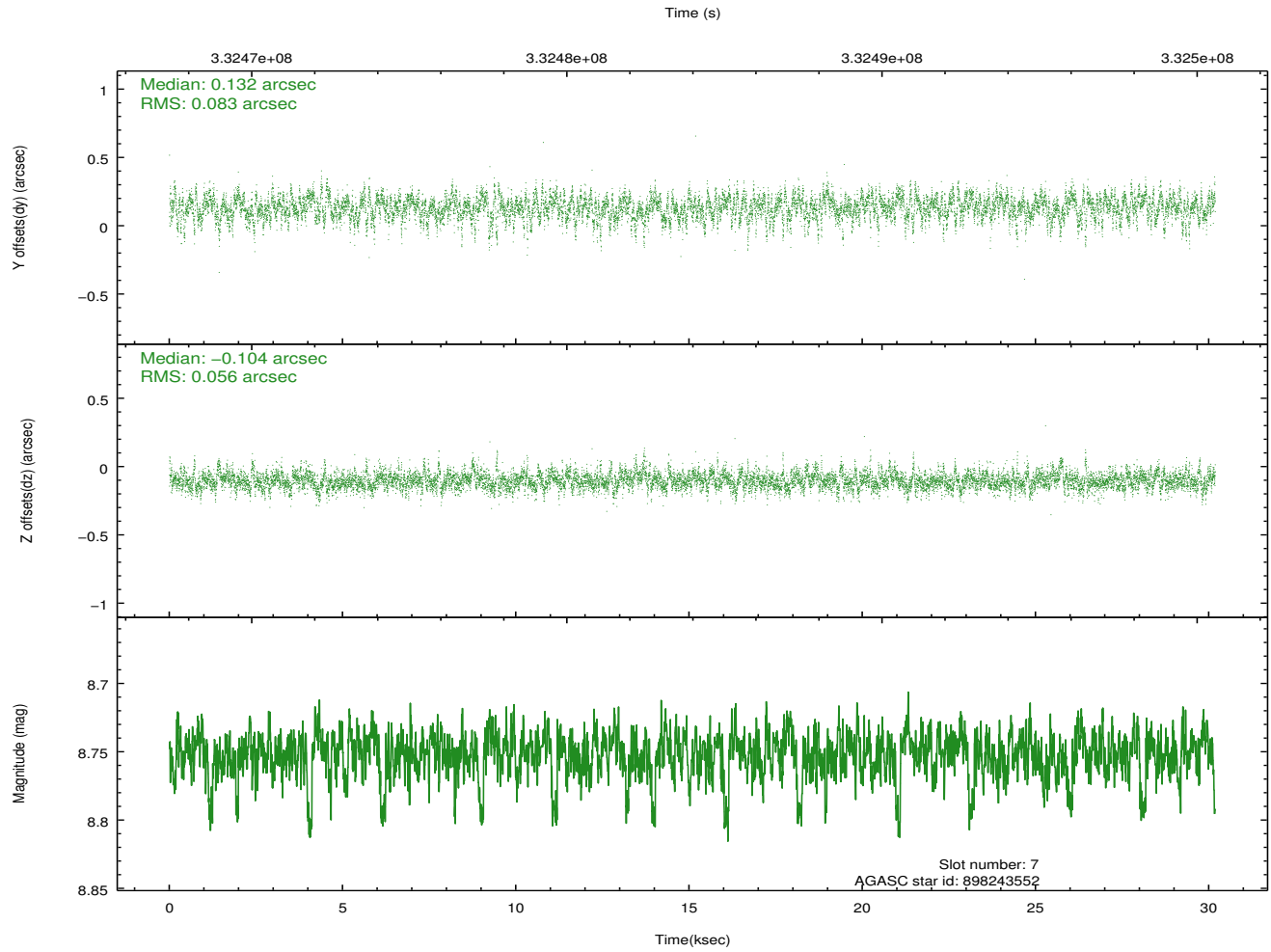
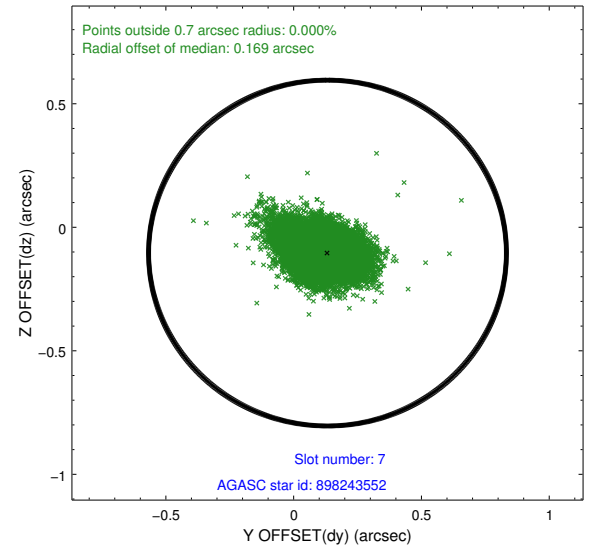
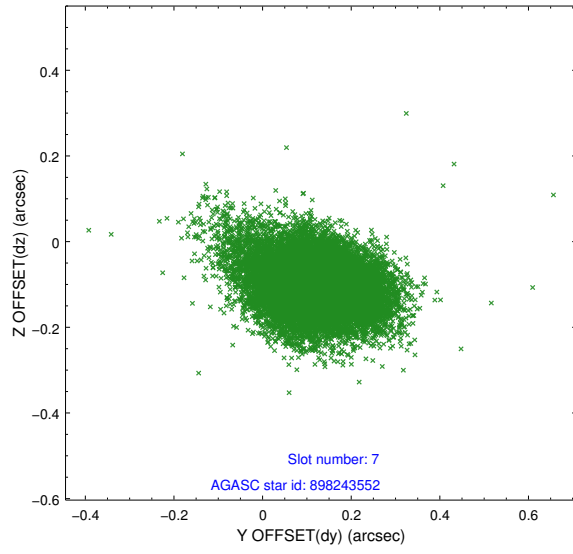
2.4.3 Slot 5



2.4.4 Slot 6

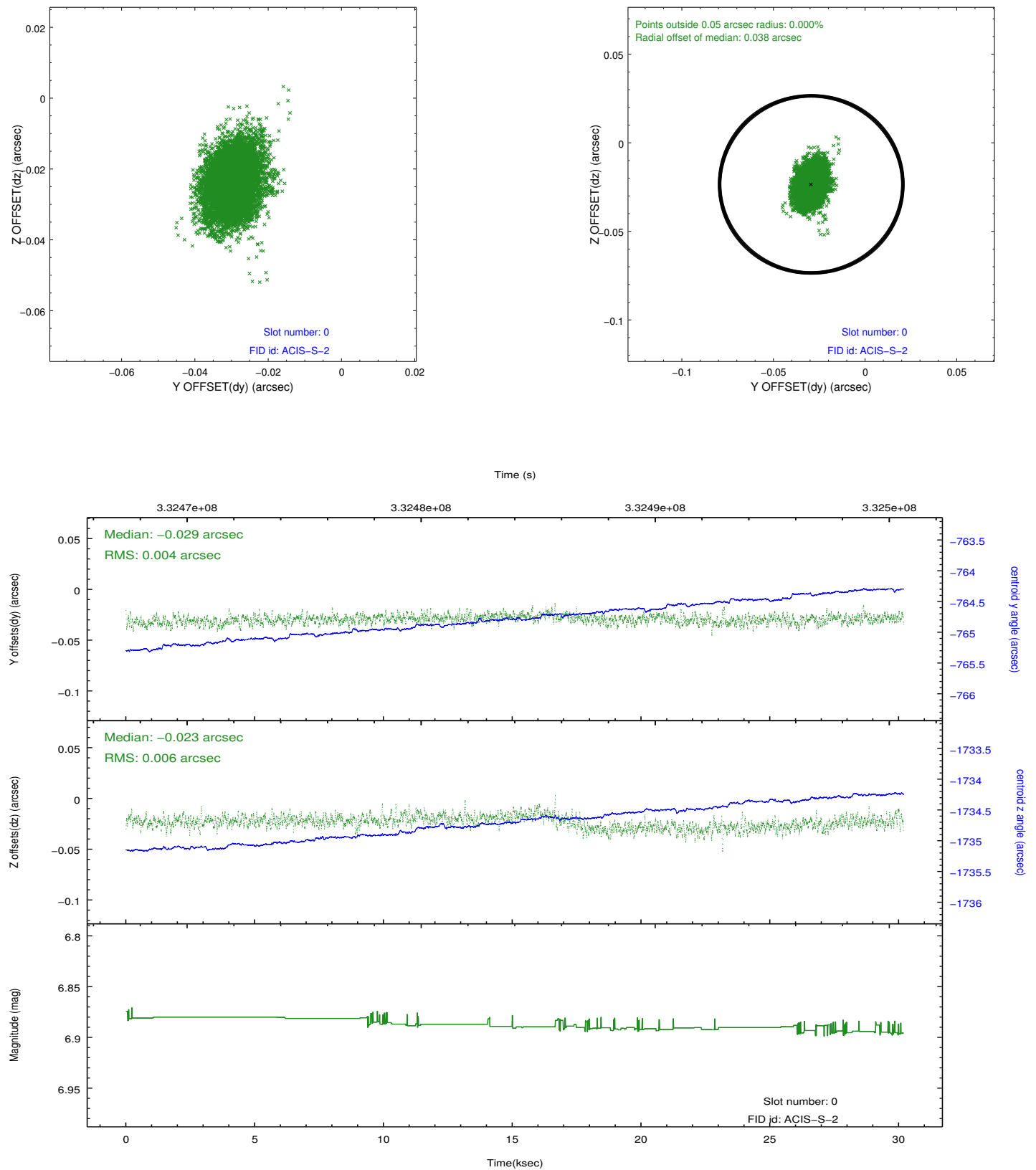


2.4.5 Slot 7

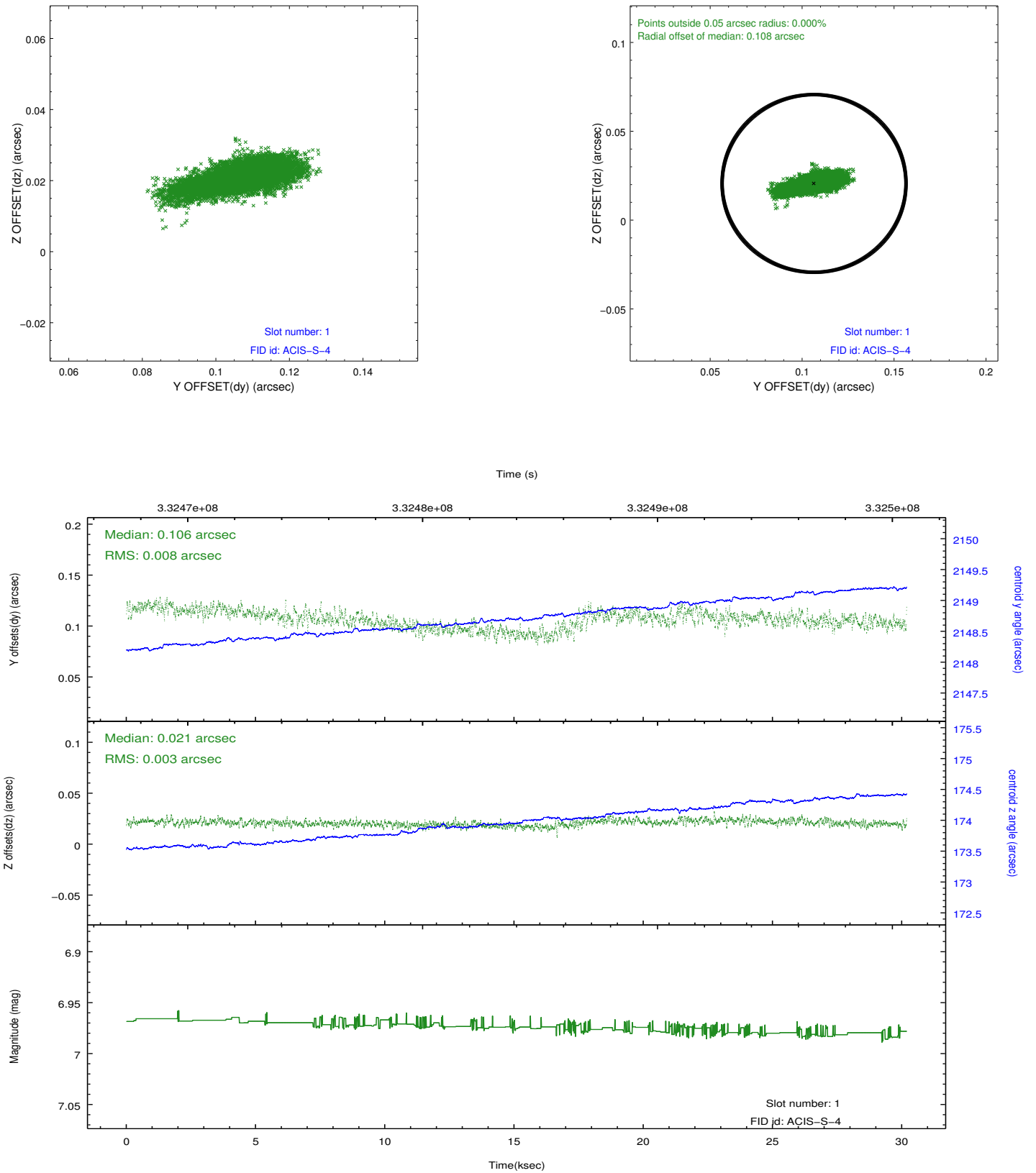


2.5 FID Slots

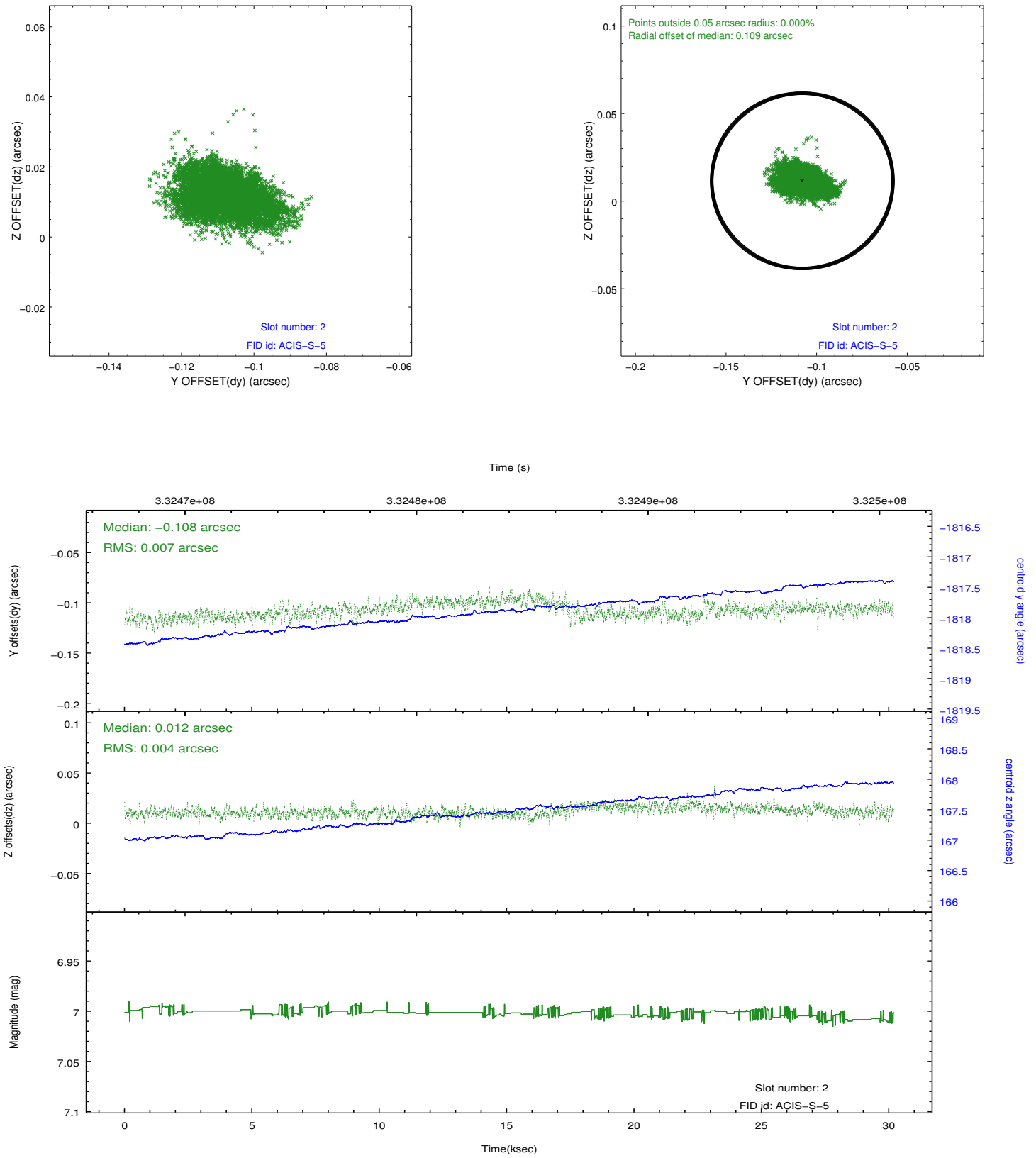
2.5.1 Slot 0



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)	2012.05.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.18

A.2 Comments