

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13053 - L2 Version 3
Chandra X-Ray Center

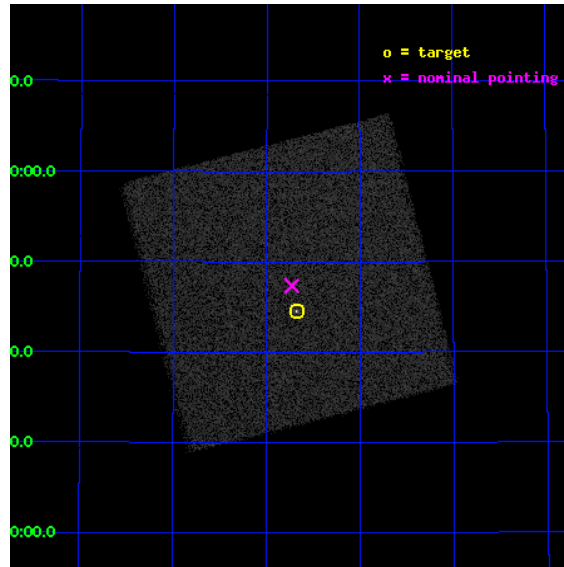
L2 Processing Date : Jul 27 2012

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1 Front

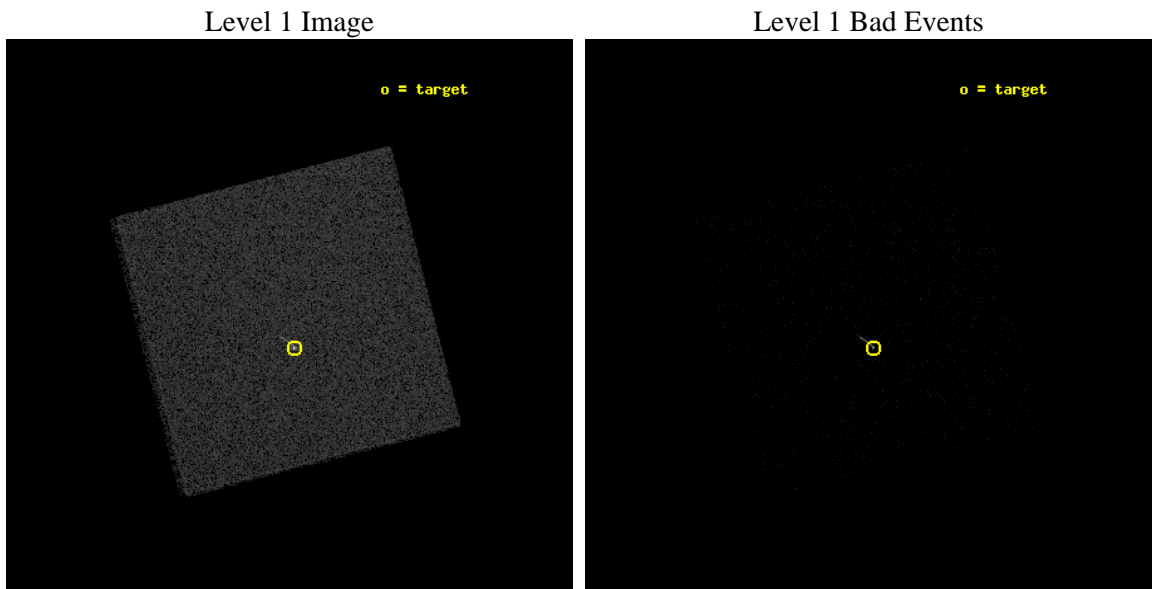
seq_num	290972	Sequence number
obs_id	13053	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.18241810171	Nominal RA [deg]
dec_nom	45.789233987957	Nominal Dec [deg]
roll_nom	210.62478013444	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1190.2813122869	[s]
livetime	1179.0177023858	Ontime multiplied by DTCOR
l2events	82250	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1190.2813122869	[s]
caldbver	4.5.1	 	l1events	142343	Number of level 1 events
date	2012-07-28T01:33:28	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

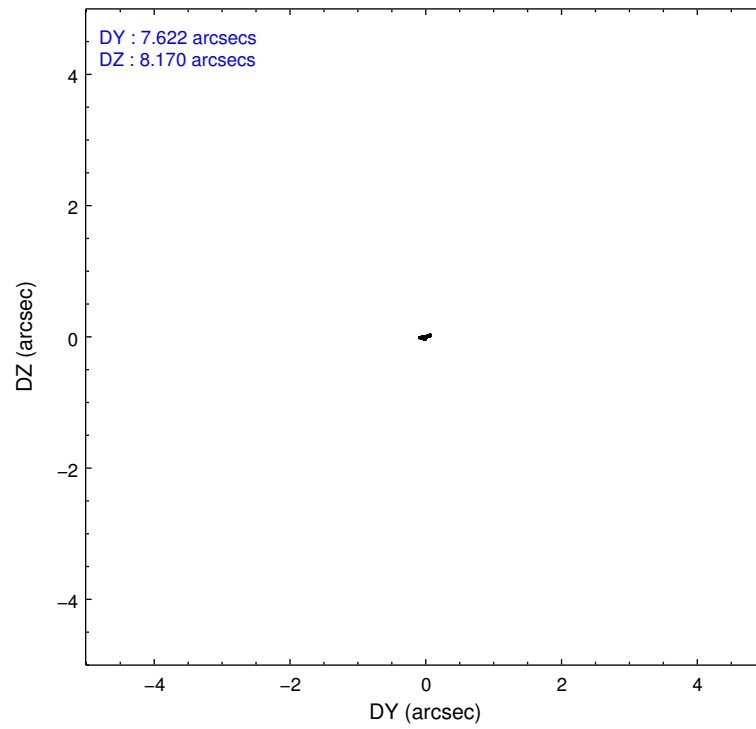
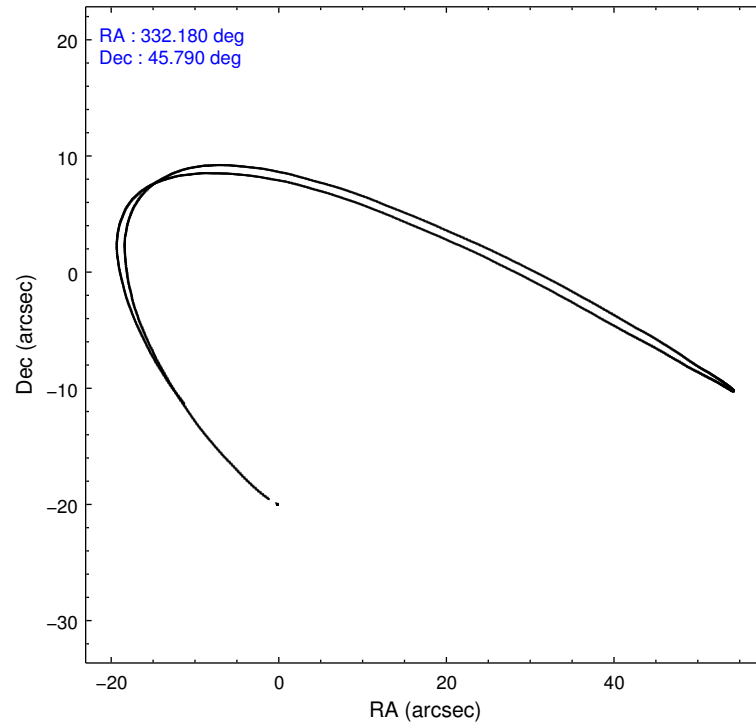
	segment 0
level 1 events	142343
rejected events	29958
rejected %	21%

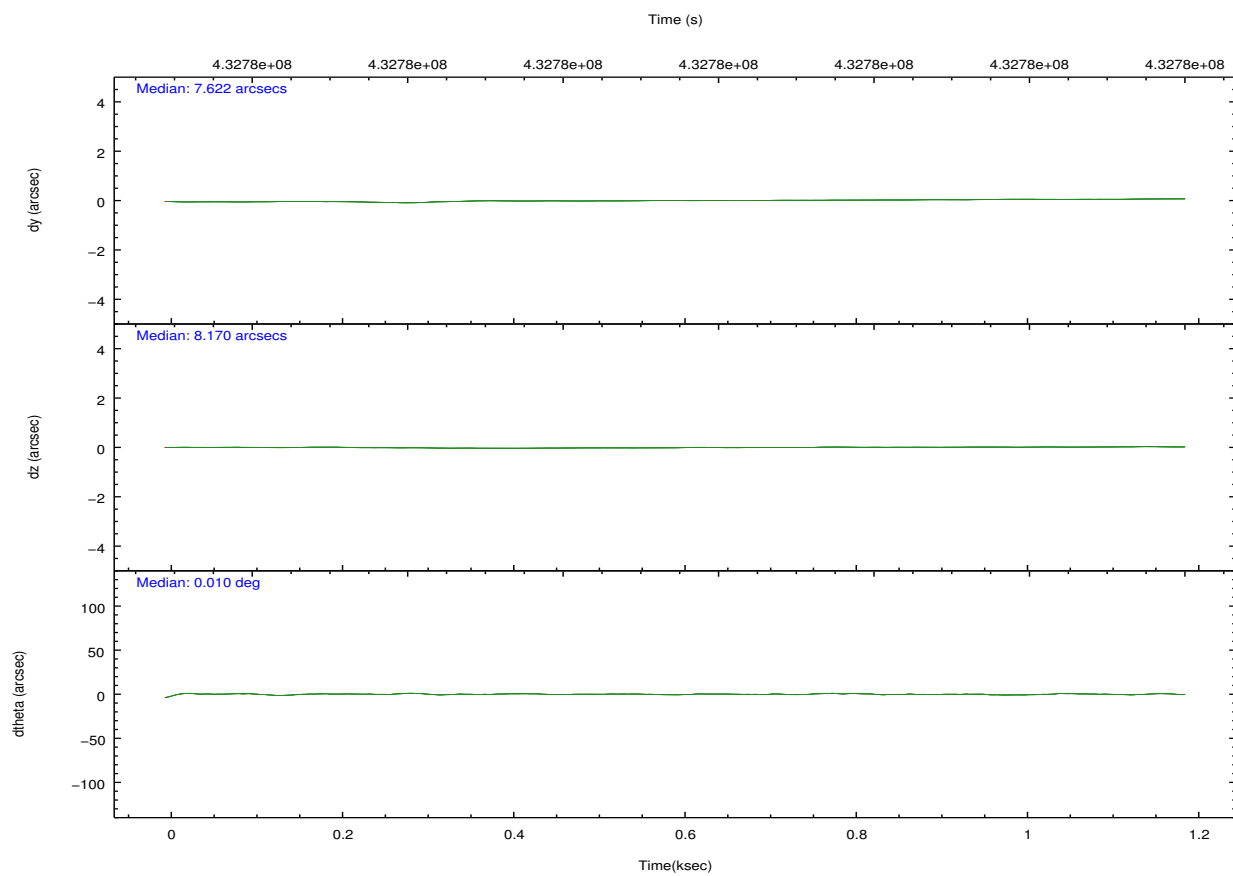
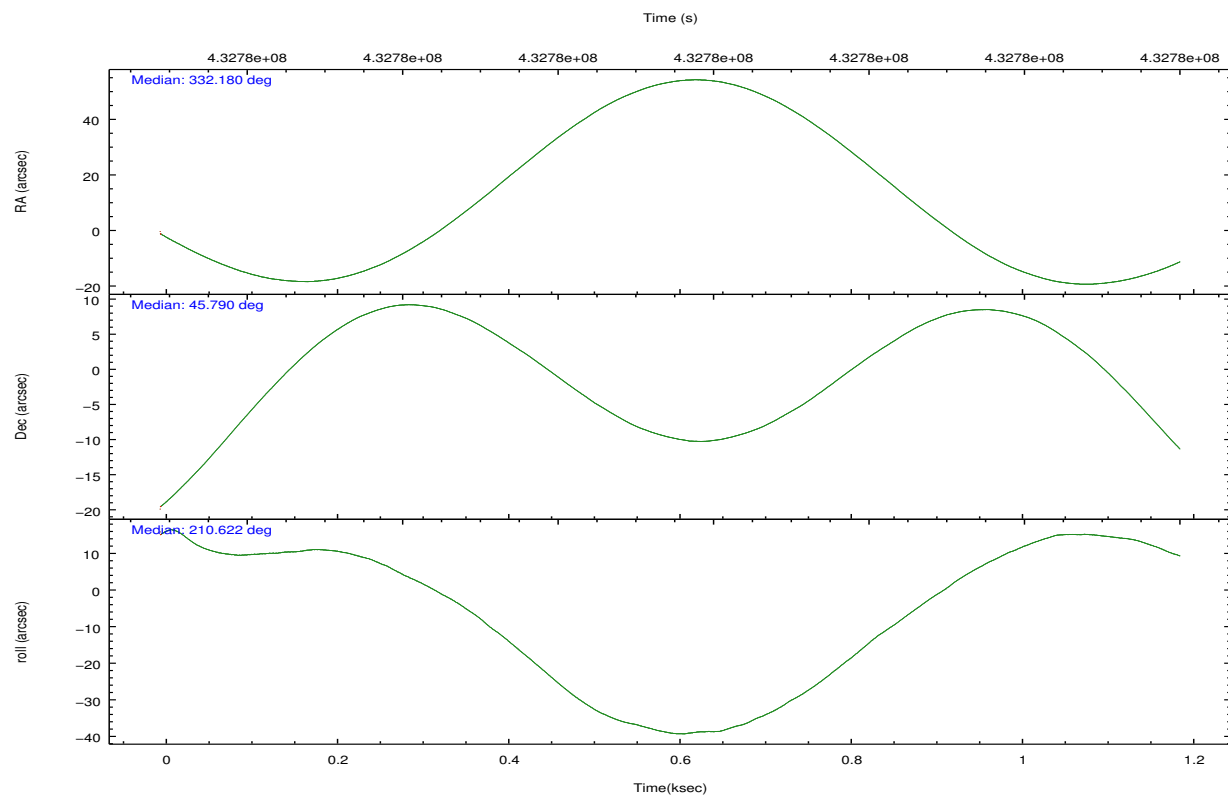
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.202105	332.1824181017115
[deg] Pointing Dec	45.812603	45.78923398795749
[deg] Pointing Roll	210.705986	210.624780134443
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	432777335.184000	432776959.94805
Observation start date	2011-09-18T23:54:29	2011-09-18T23:49:19
[s] Observation end time (MET)	432778335.184000	432778469.77313
Observation end date	2011-09-19T00:11:09	2011-09-19T00:14:29

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



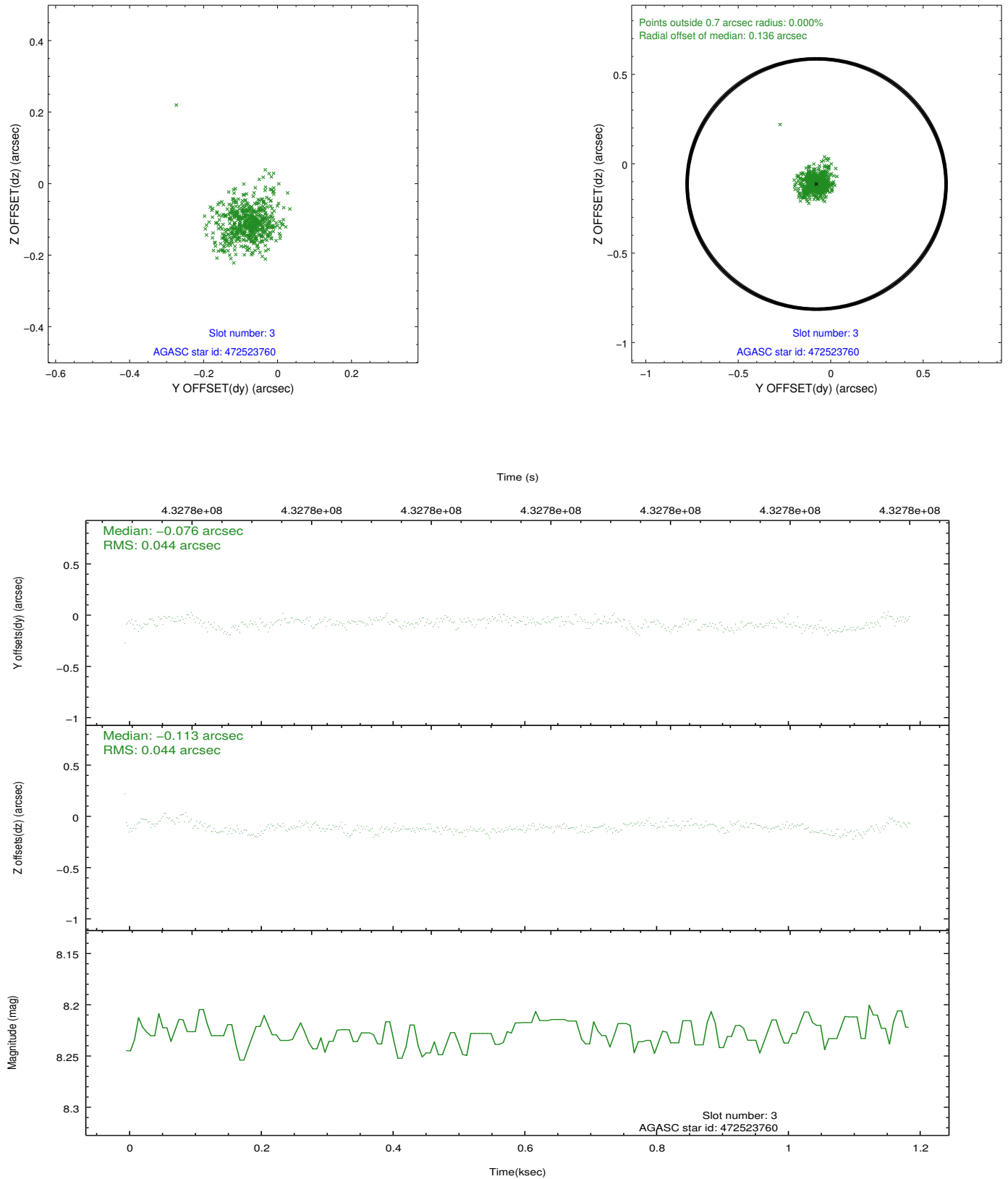


Slot Statistics

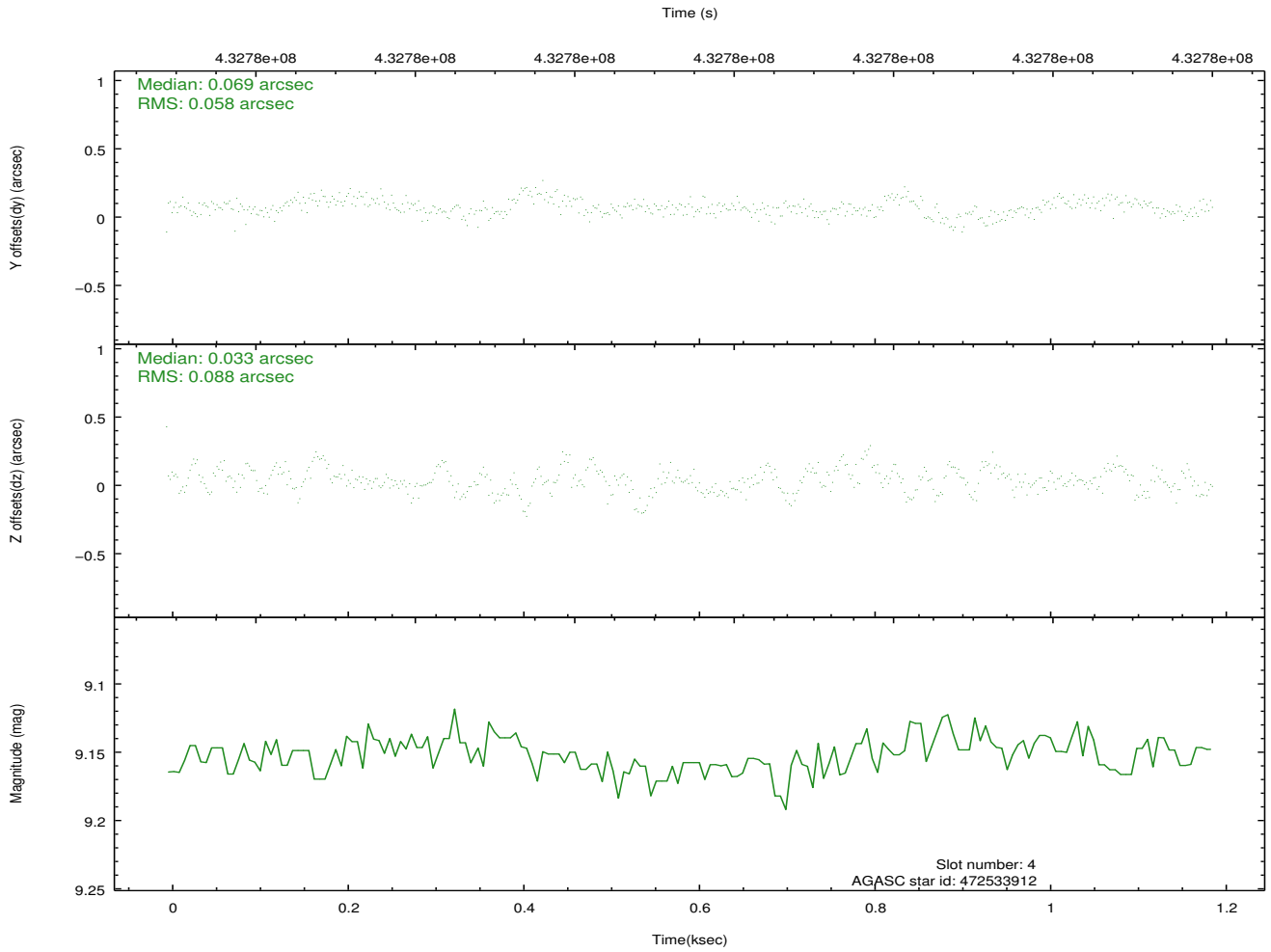
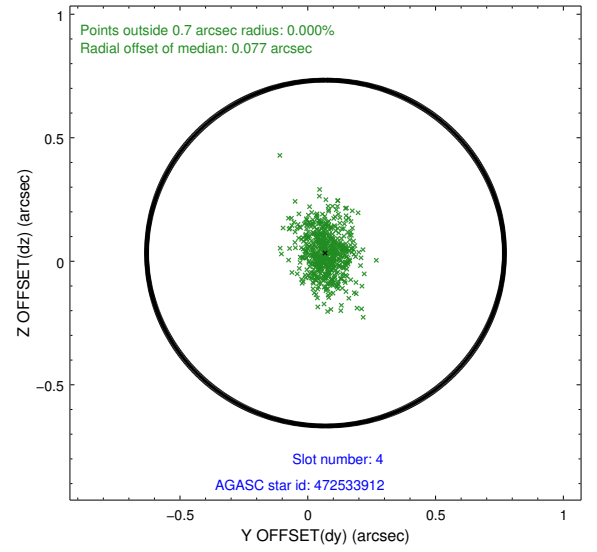
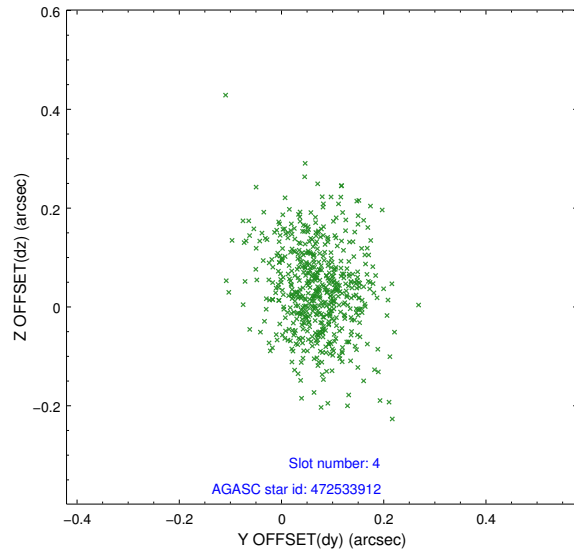
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	-0.024	0.039	0.007	0.013	0.000000	0.000000	-763.27	-1295.99
1	FID	HRC-I-2	6.99	291	0.216	-0.173	0.006	0.013	0.000000	0.000000	846.98	-1302.26
2	FID	HRC-I-3	7.04	291	-0.073	0.043	0.007	0.011	0.000000	0.000000	-1188.85	1004.11
3	GUIDE	472523760	8.23	581	-0.076	-0.113	0.063	0.109	331.645363	45.403260	1958.52	548.23
4	GUIDE	472533912	9.15	581	0.069	0.033	0.110	0.194	331.791136	46.368695	-143.63	-2239.97
5	GUIDE	472655152	9.42	575	0.040	-0.132	0.135	0.219	332.504239	45.862991	-746.33	229.54
6	GUIDE	472665256	9.00	582	0.032	0.154	0.077	0.132	332.808125	46.195041	-2007.00	-413.26
7	GUIDE	472654568	9.41	581	-0.058	0.066	0.119	0.185	332.194449	45.063576	1388.68	2311.89

2.4 Star Slots

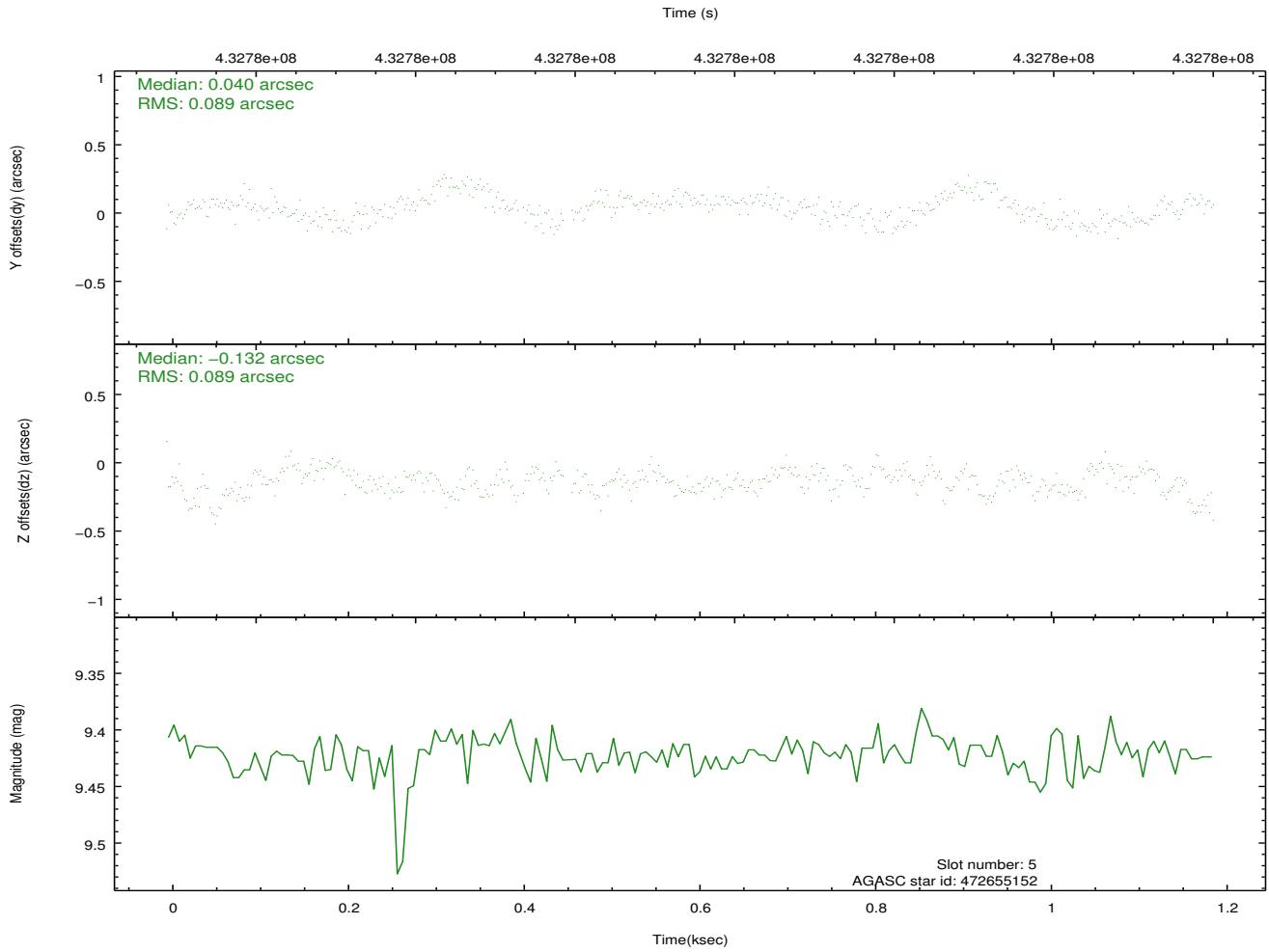
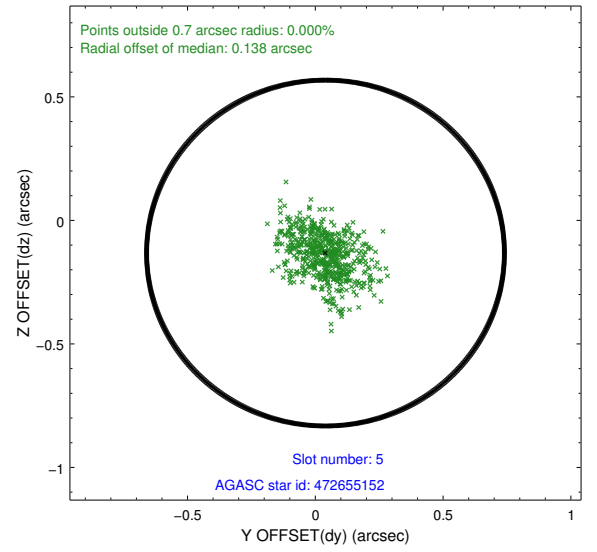
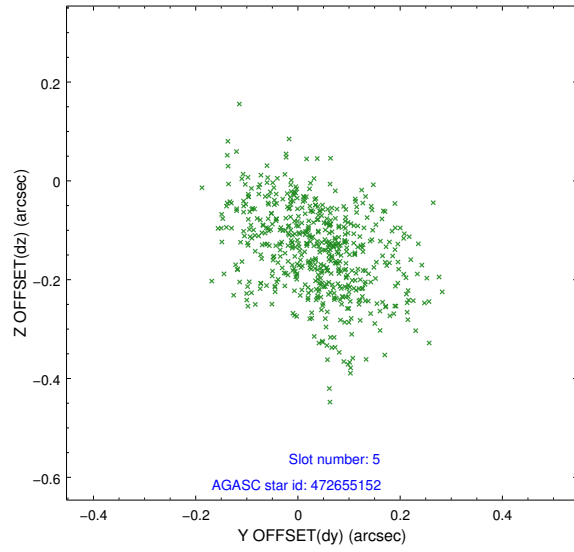
2.4.1 Slot 3



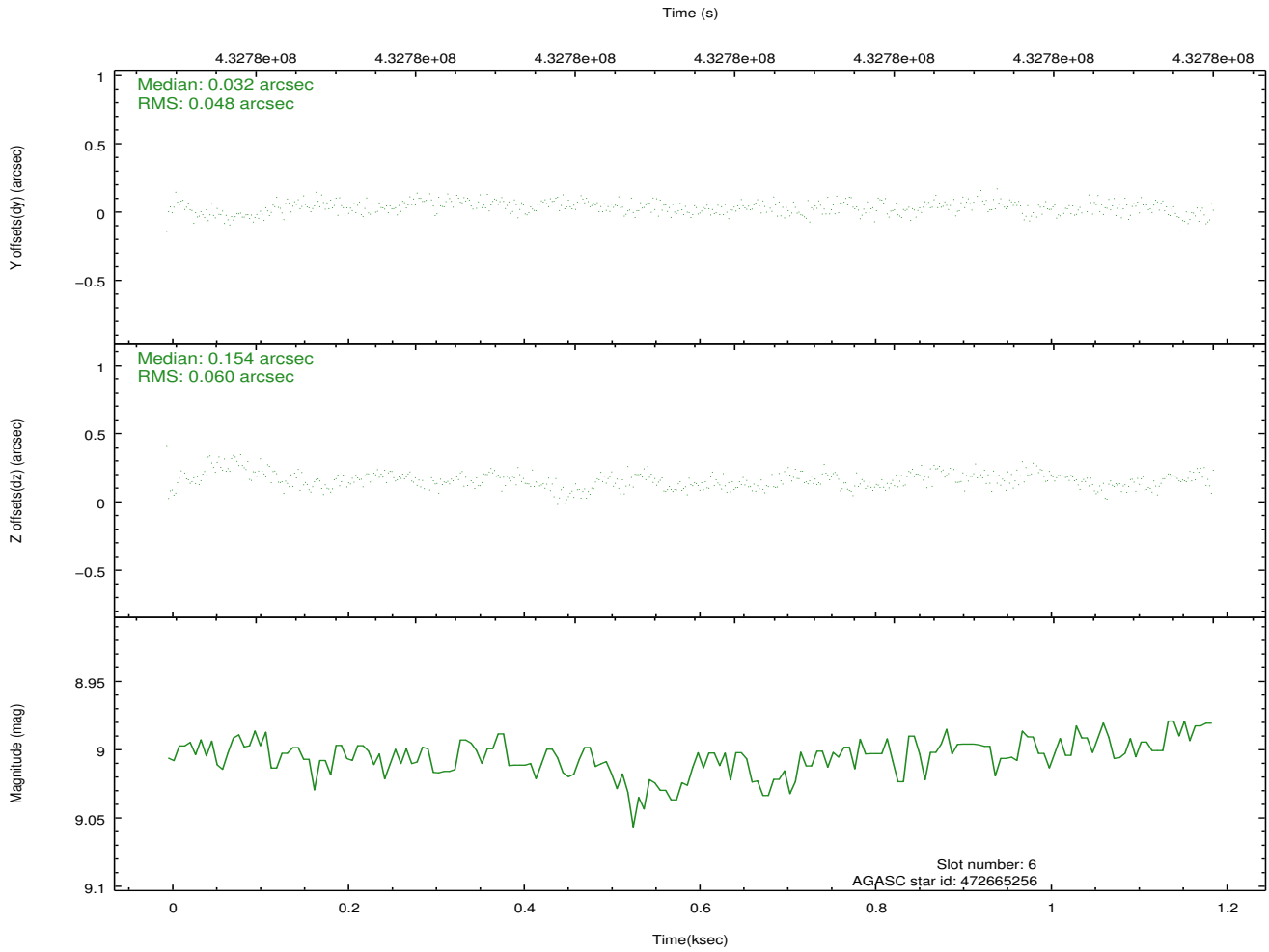
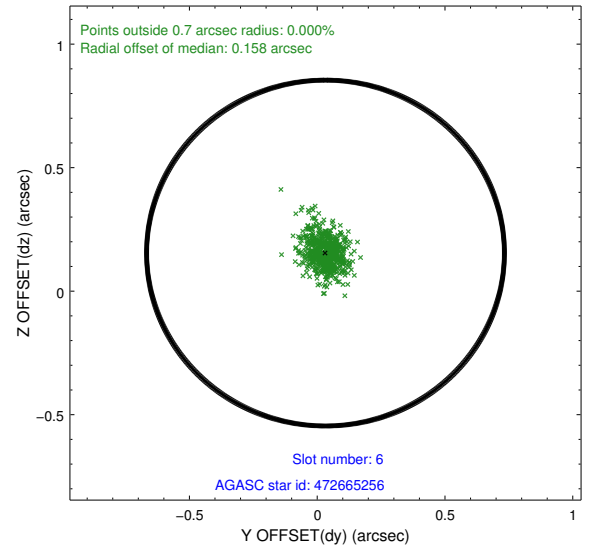
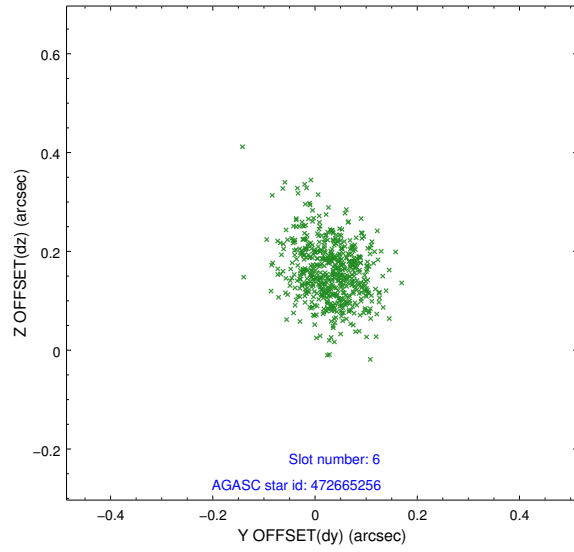
2.4.2 Slot 4



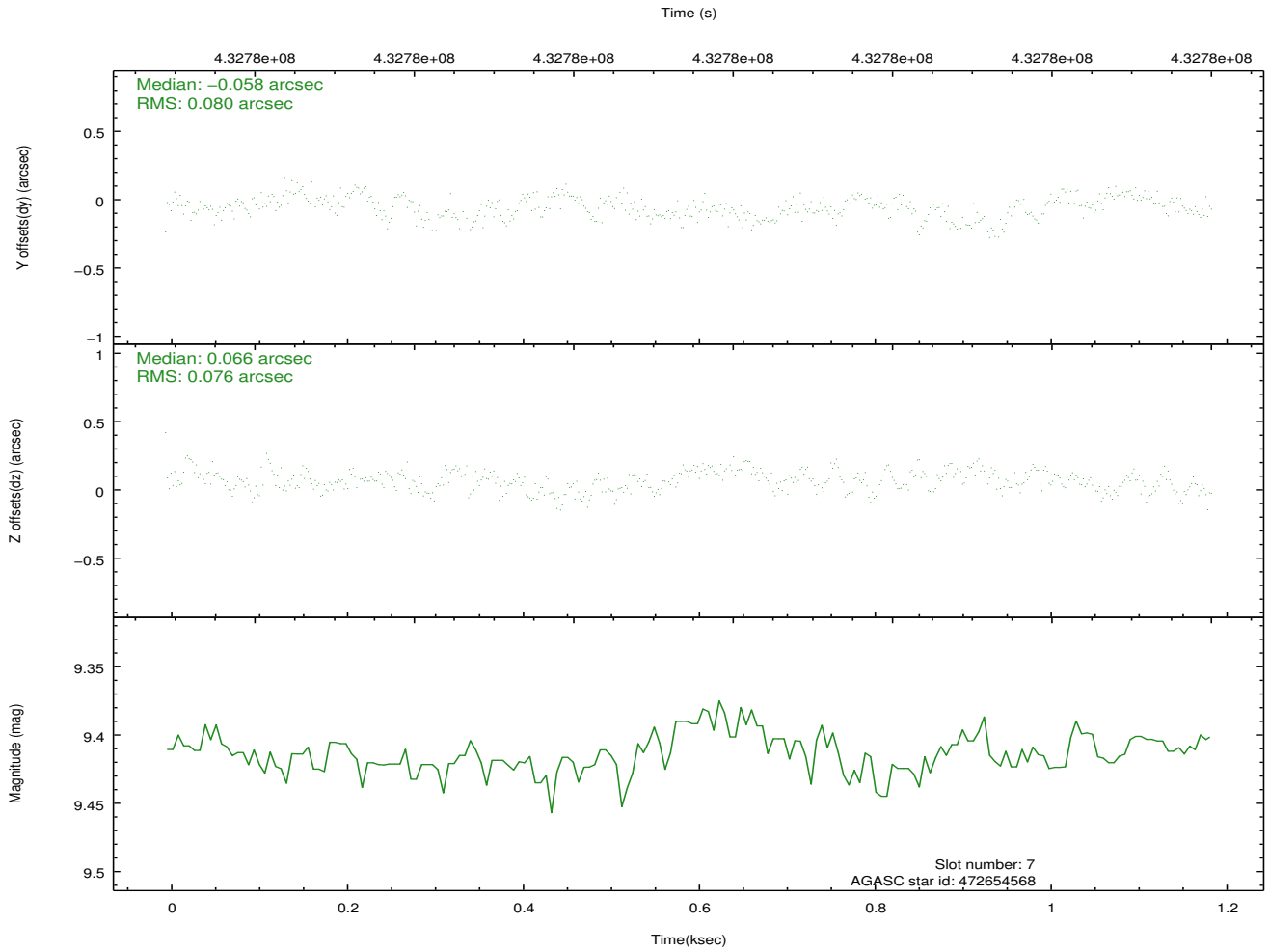
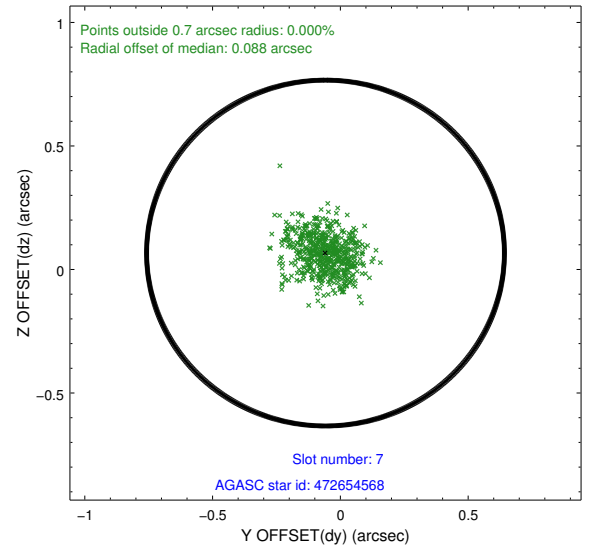
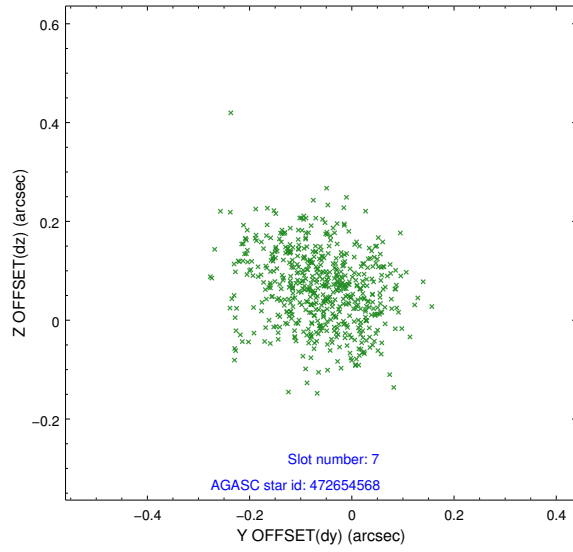
2.4.3 Slot 5



2.4.4 Slot 6

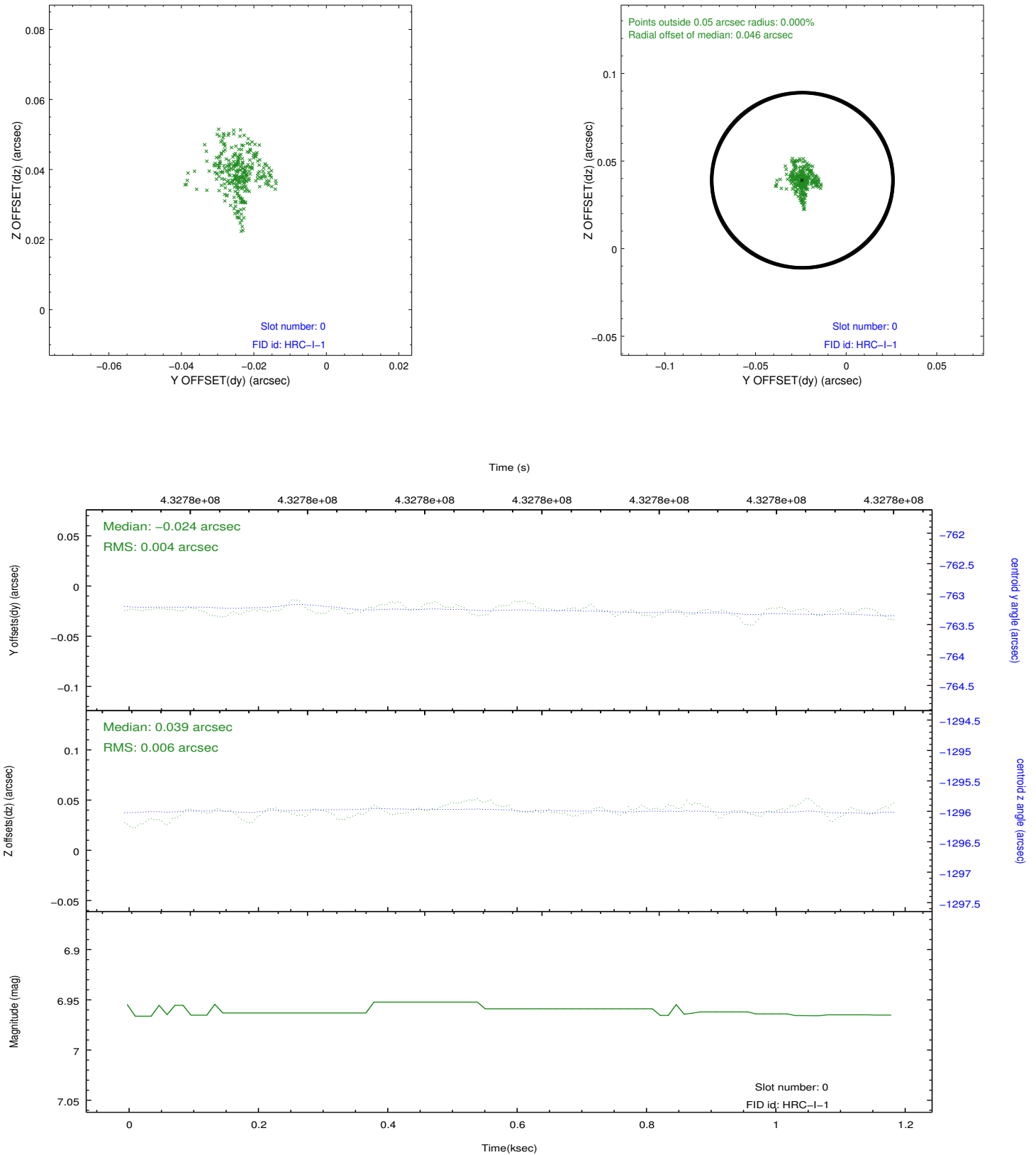


2.4.5 Slot 7

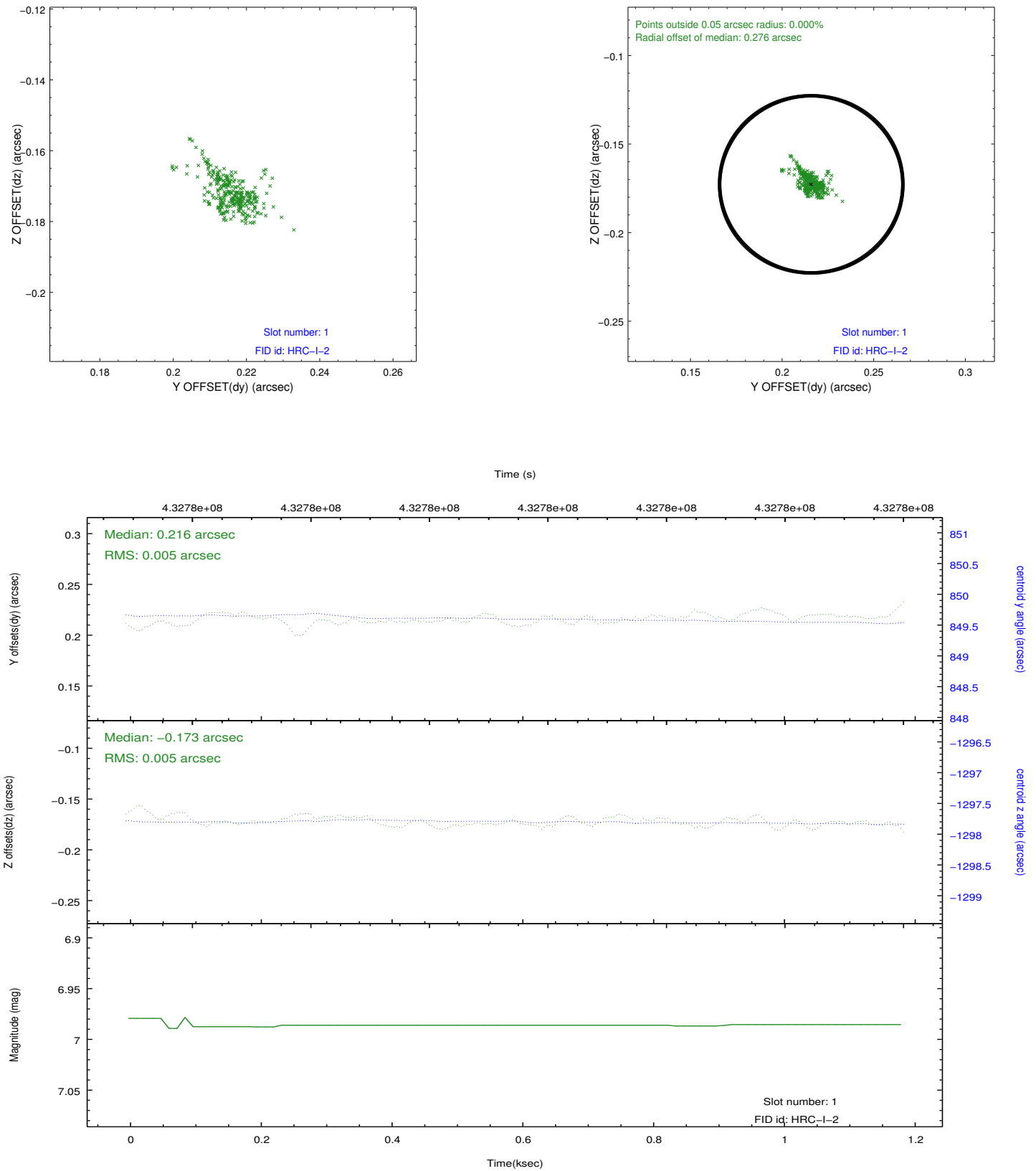


2.5 FID Slots

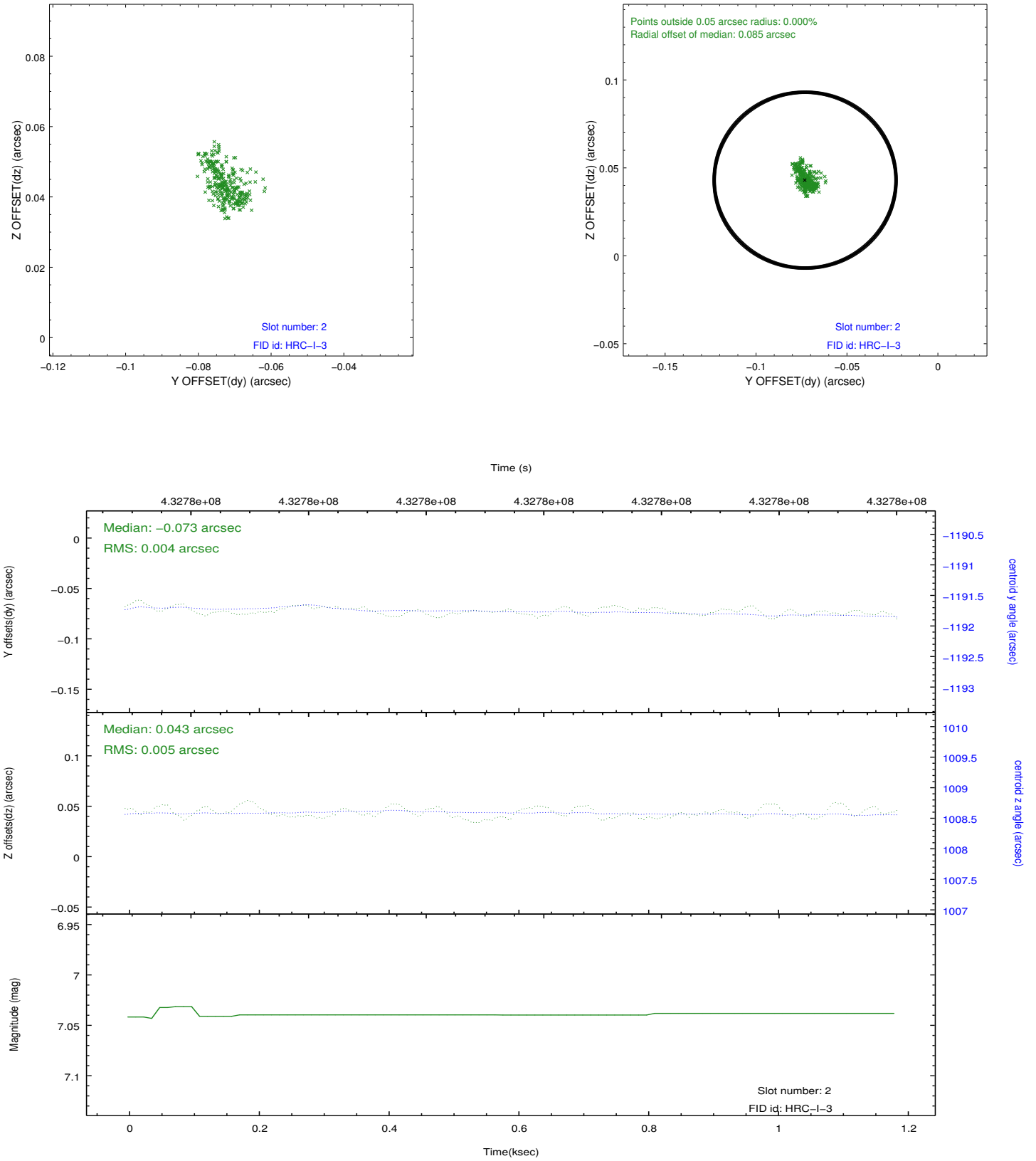
2.5.1 Slot 0



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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1902813124061

A.2 Comments