

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5977 - L2 Version 3
Chandra X-Ray Center

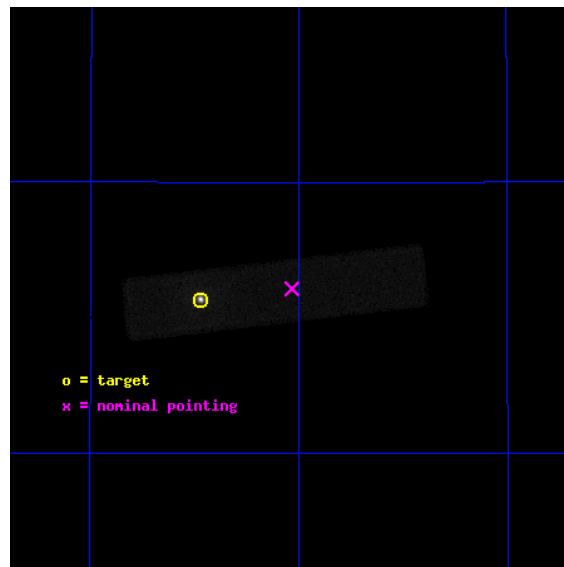
L2 Processing Date : Dec 25 2012

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1 Front

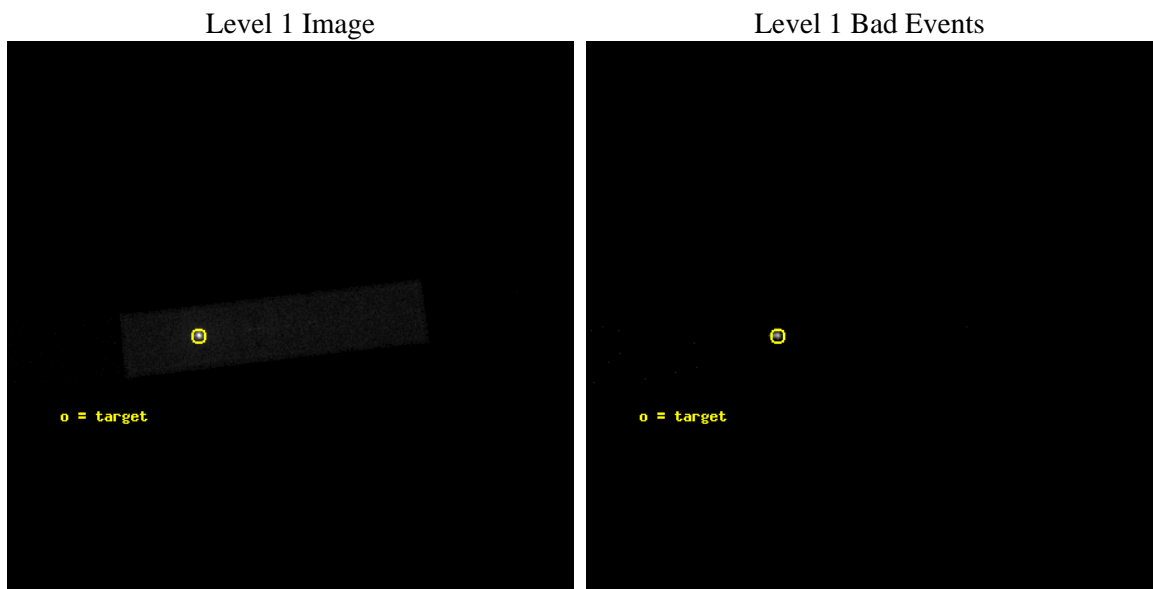
seq_num	290469	Sequence number
obs_id	5977	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.01671075562	Nominal RA [deg]
dec_nom	38.80424066348	Nominal Dec [deg]
roll_nom	173.21342970375	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2155.8313485086	[s]
livetime	1772.4090024375	Ontime multiplied by DTCOR
l2events	377905	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	2155.8313485086	[s]
caldsver	4.5.5	 	l1events	451962	Number of level 1 events
date	2012-12-25T05:43:33	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

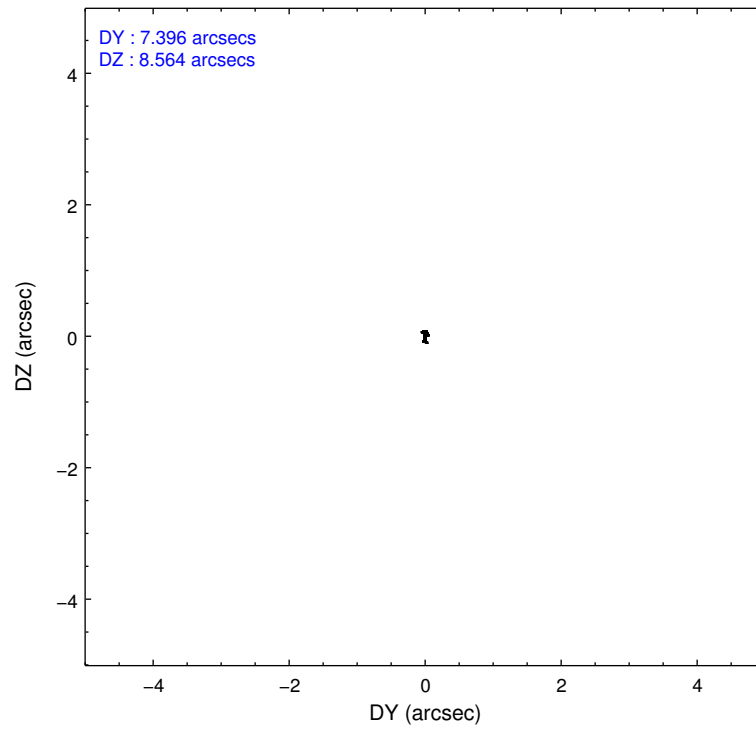
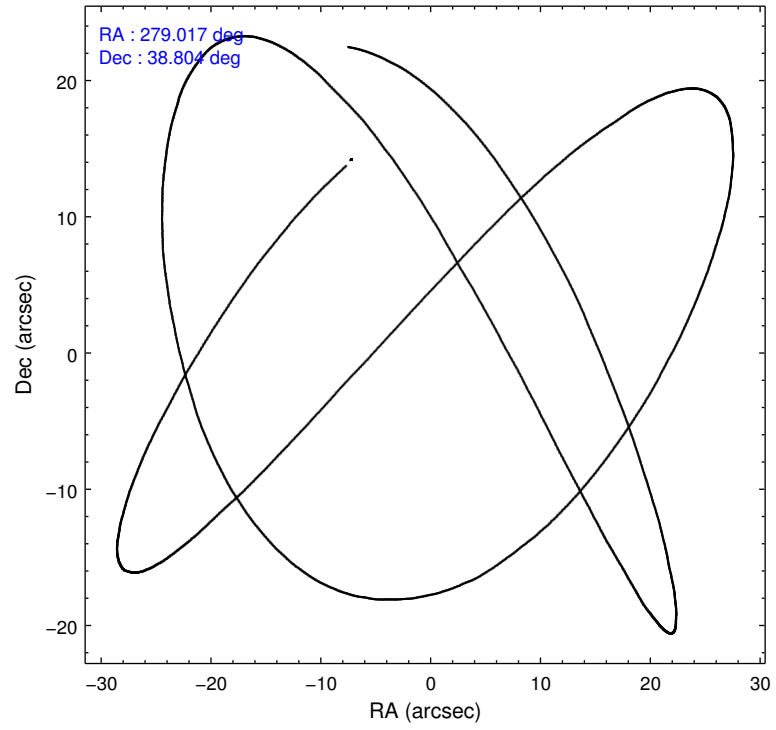
Level 1 Events

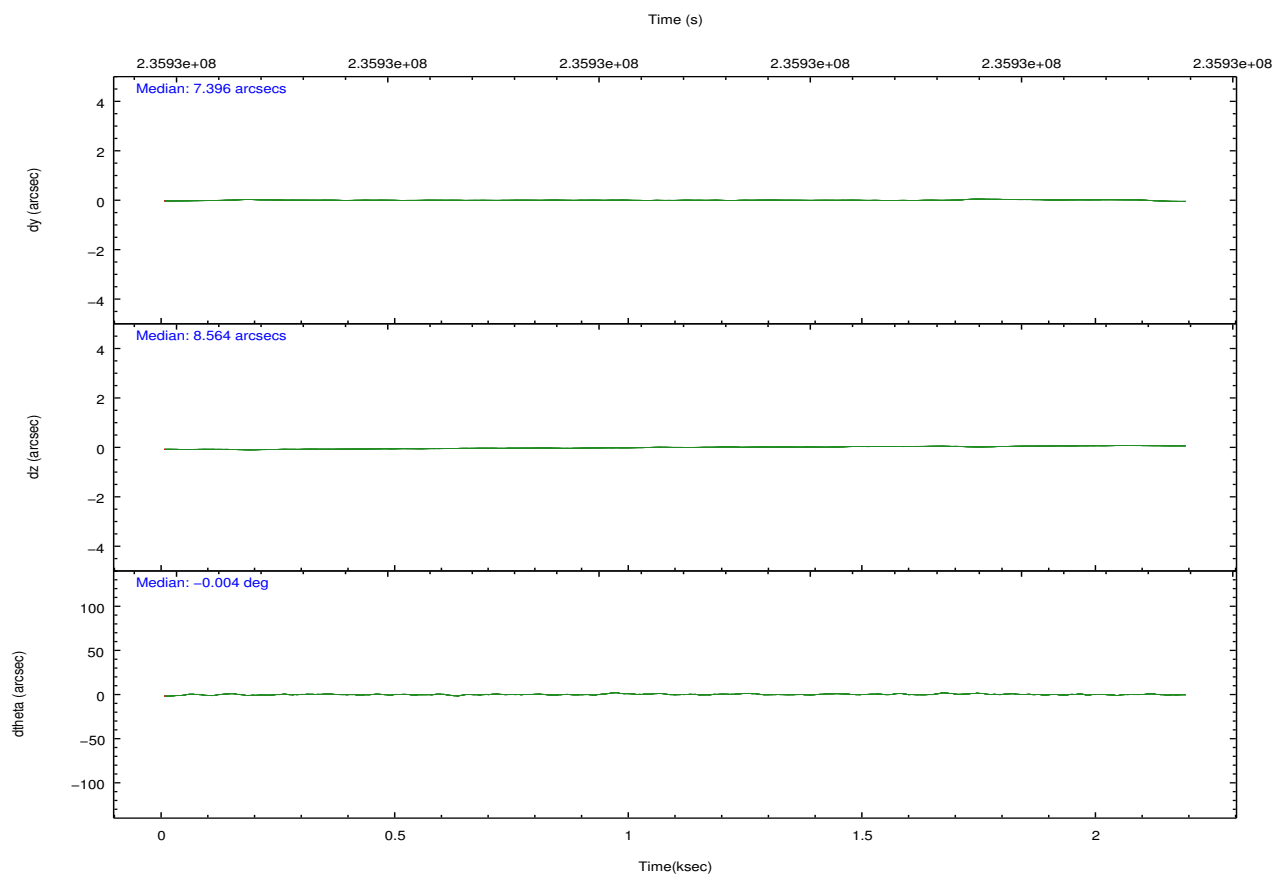
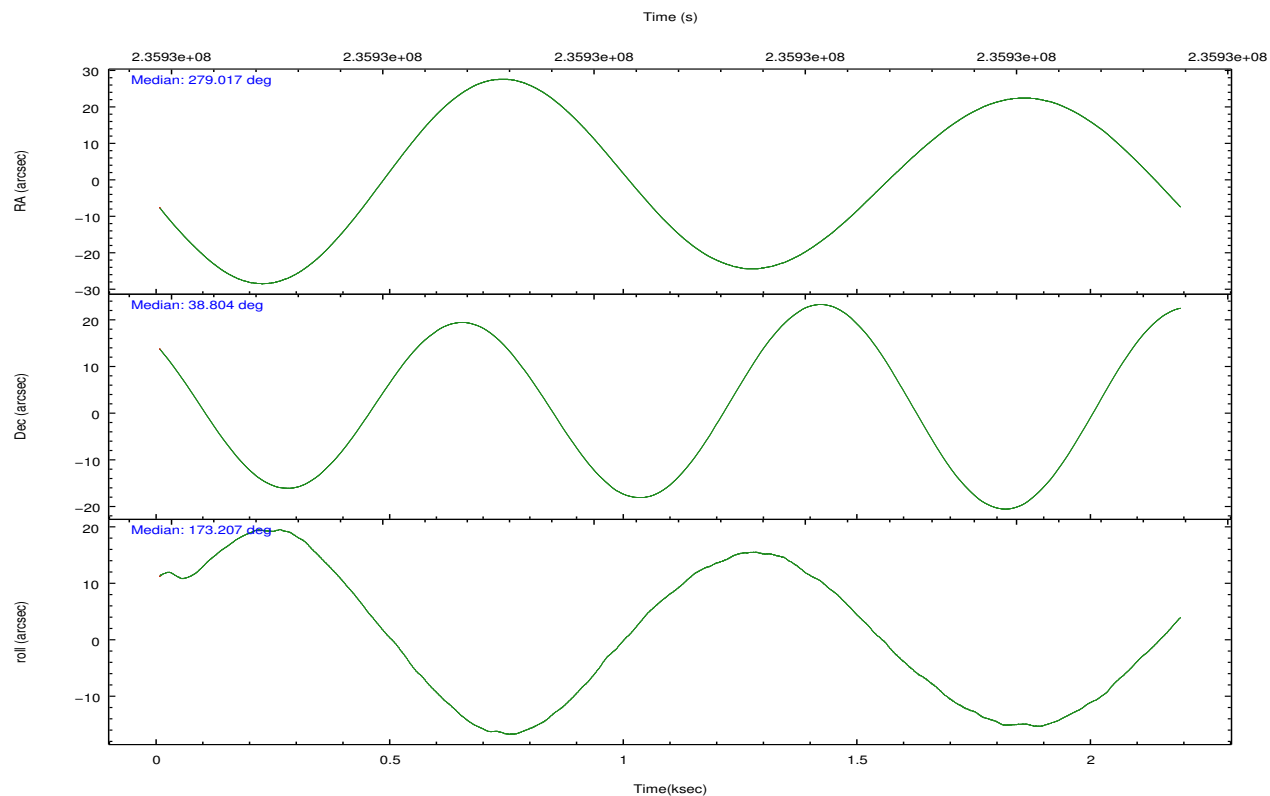
	segment 1	segment 2	segment 3
level 1 events	4974	445908	1080
rejected events	4947	48399	1080
rejected %	99%	10%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.049757	279.0167107556169			
[deg] Pointing Dec	38.817118	38.80424066347997			
[deg] Pointing Roll	173.125371	173.2134297037508			
[s] Window start time (MET)	231292864.184000	231292864.184000			
[s] Window stop time (MET)	236476864.184000	236476864.184000			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	235931777.184000	235931400.91809			
Observation start date	2005-06-23T16:35:13	2005-06-23T16:30:00			
[s] Observation end time (MET)	235933777.184000	235933910.6307			
Observation end date	2005-06-23T17:08:33	2005-06-23T17:11:50			

2.3 Aspect



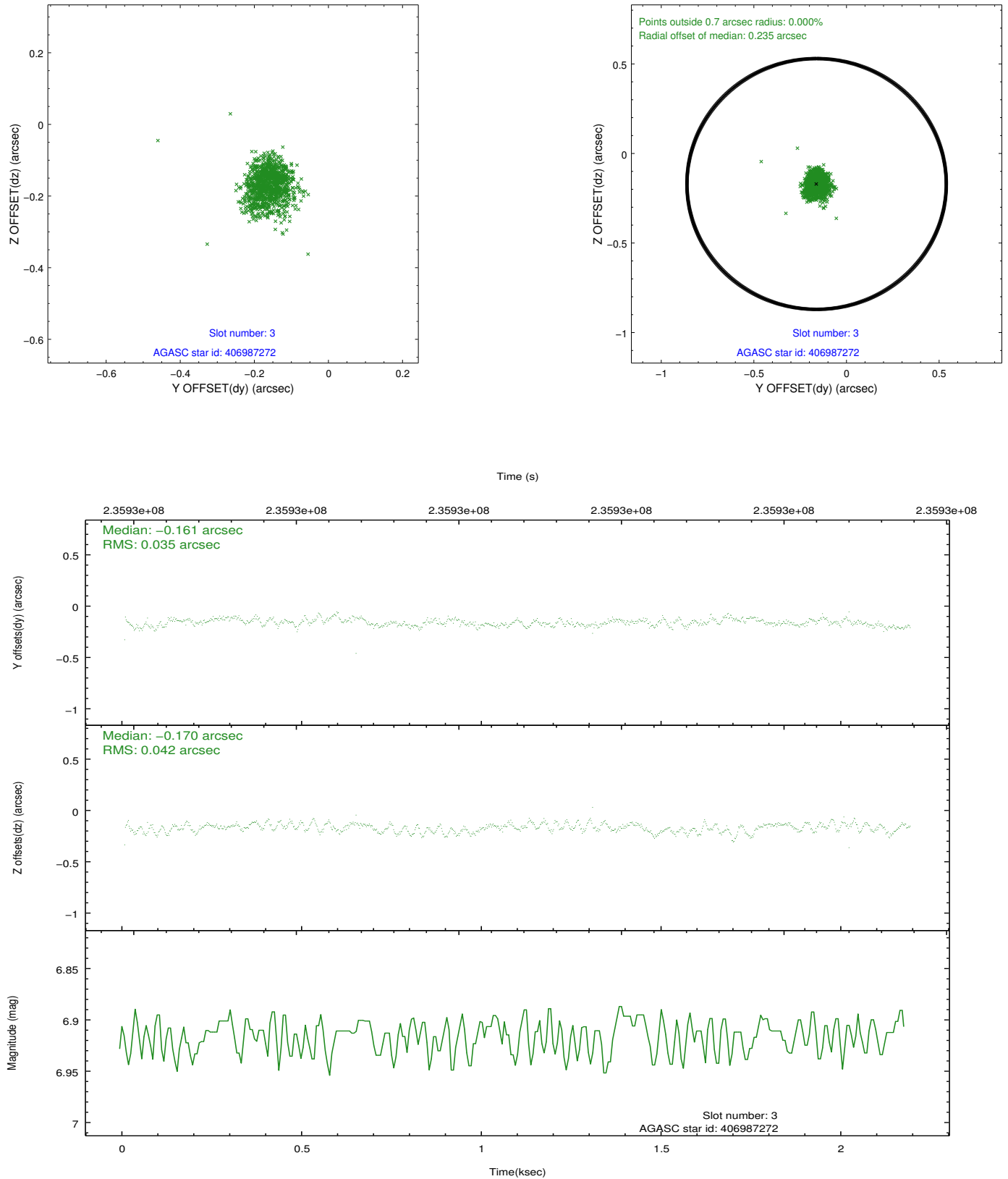


Slot Statistics

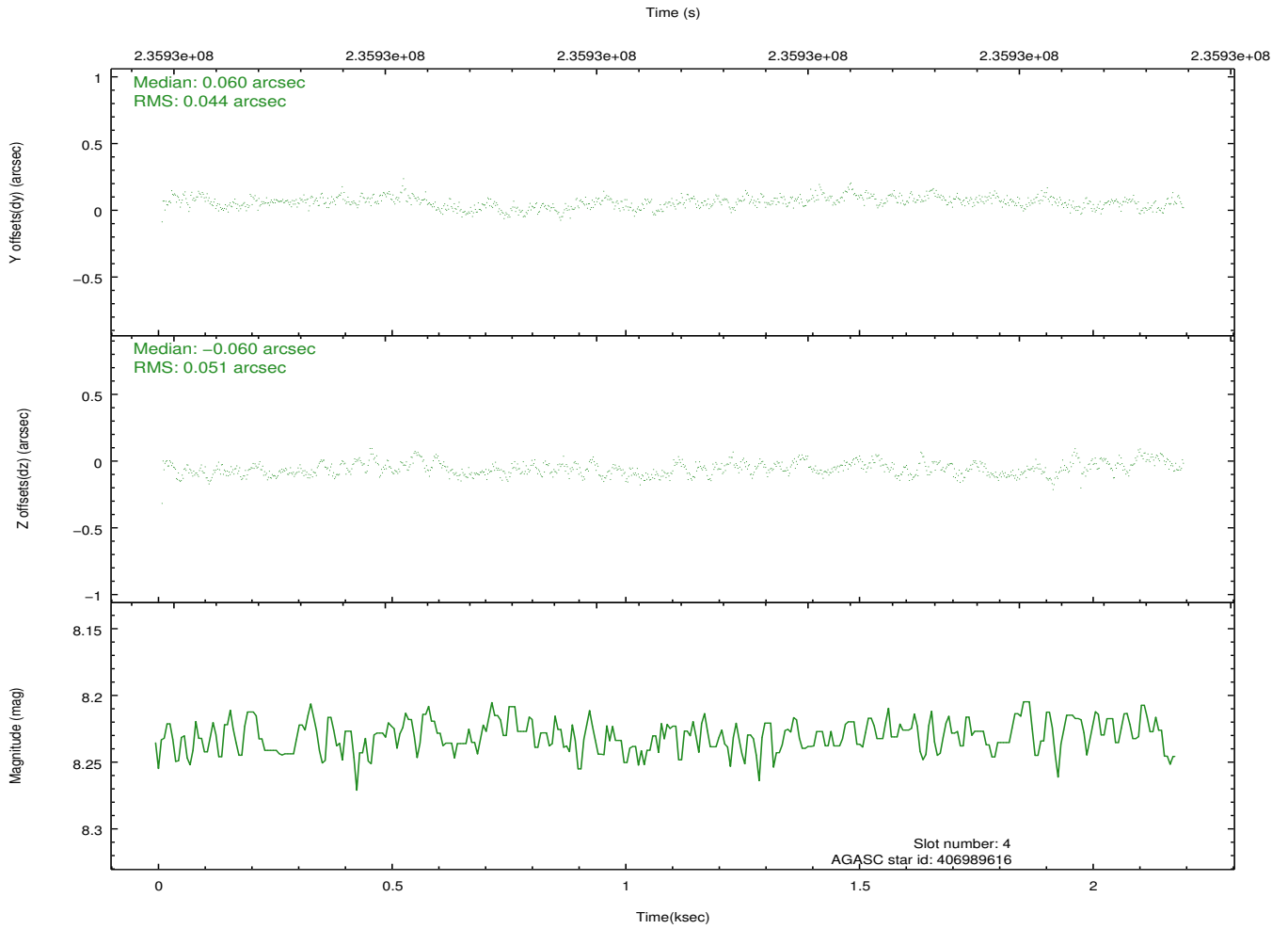
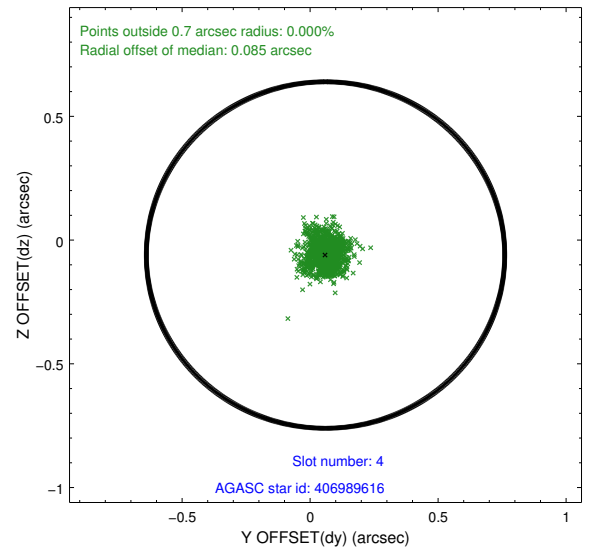
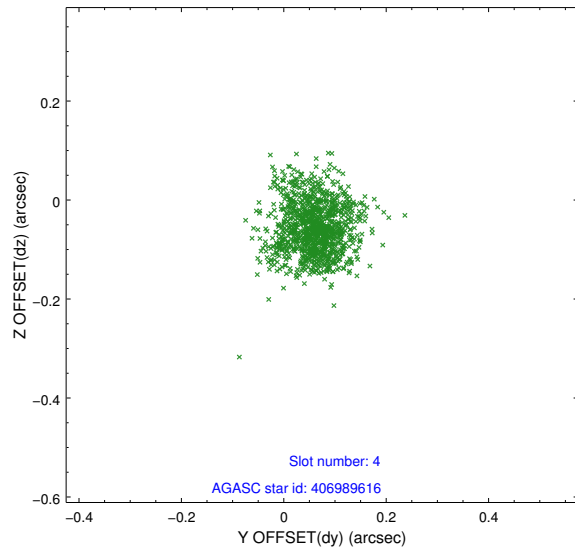
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	534	0.129	-0.144	0.008	0.014	0.000000	0.000000	-1161.56	-457.19
1	FID	HRC-S-2	7.03	534	0.172	-0.117	0.005	0.010	0.000000	0.000000	1235.99	-450.65
2	FID	HRC-S-3	7.05	534	0.090	-0.040	0.008	0.014	0.000000	0.000000	-1162.01	571.60
3	GUIDE	406987272	6.91	1067	-0.161	-0.170	0.057	0.090	278.536588	38.437504	1273.63	1524.86
4	GUIDE	406989616	8.23	1067	0.060	-0.060	0.072	0.116	279.202881	38.520843	-554.48	1007.41
5	GUIDE	407521232	8.64	1067	0.008	0.096	0.109	0.176	279.628883	39.431715	-1333.39	-2394.47
6	GUIDE	406979352	9.25	1066	0.066	0.071	0.089	0.146	279.968297	39.230258	-2364.51	-1798.58
7	GUIDE	407510432	8.15	1066	0.024	0.071	0.081	0.144	278.762778	39.530640	1097.09	-2458.45

2.4 Star Slots

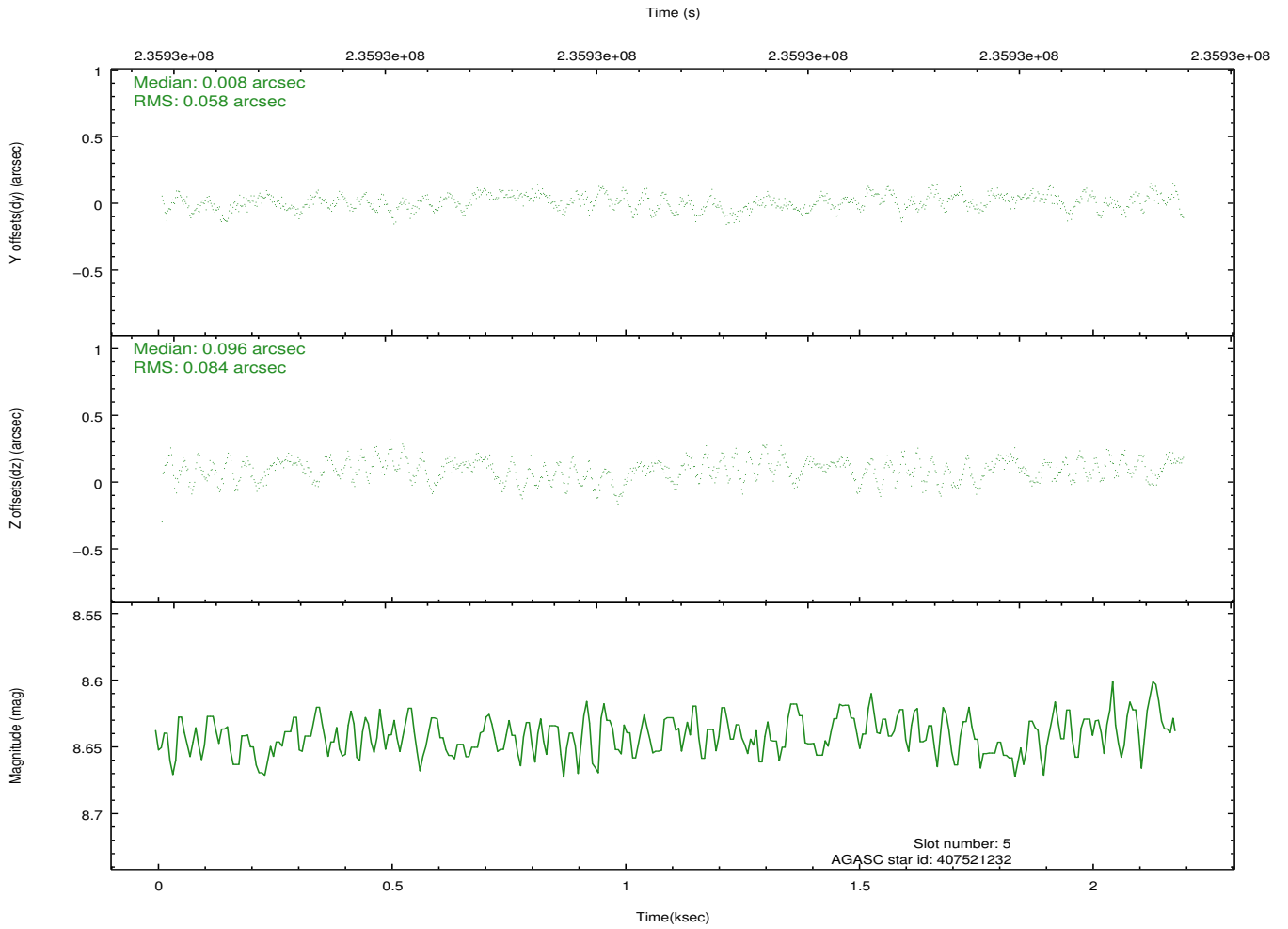
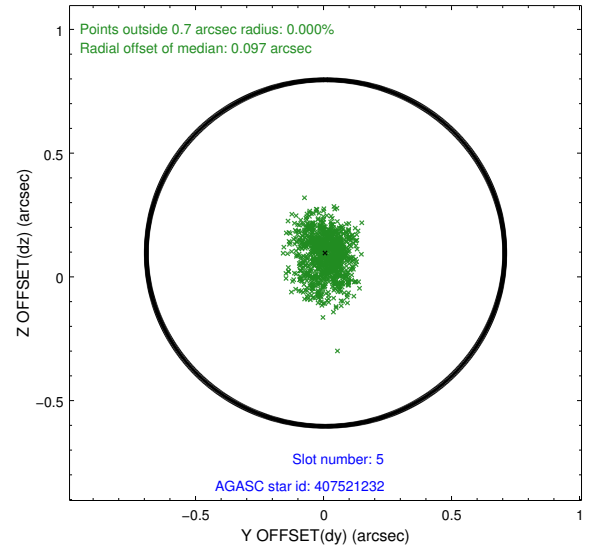
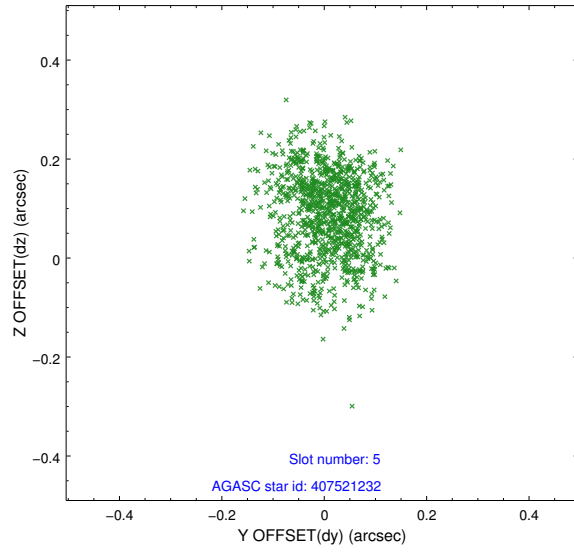
2.4.1 Slot 3



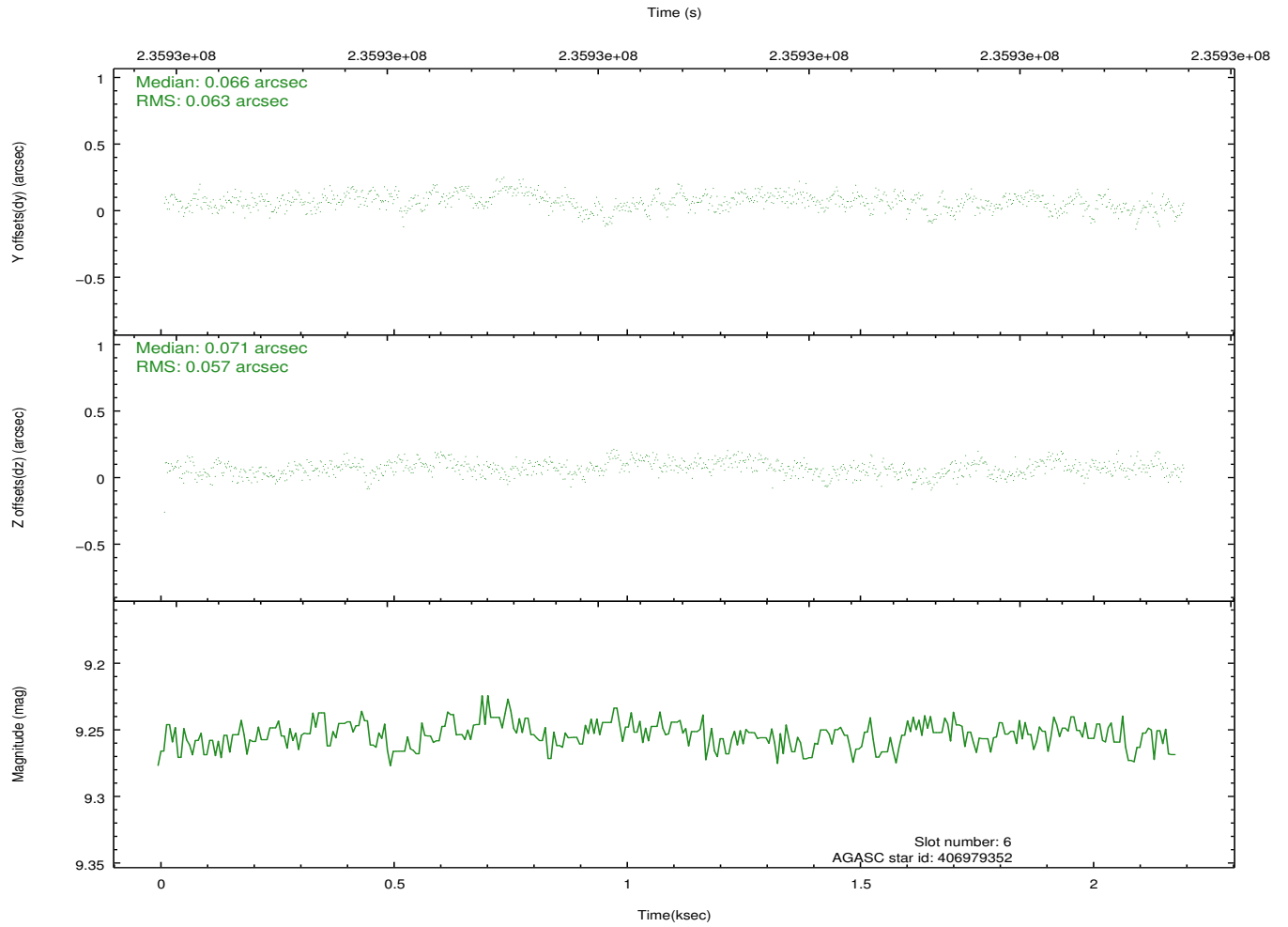
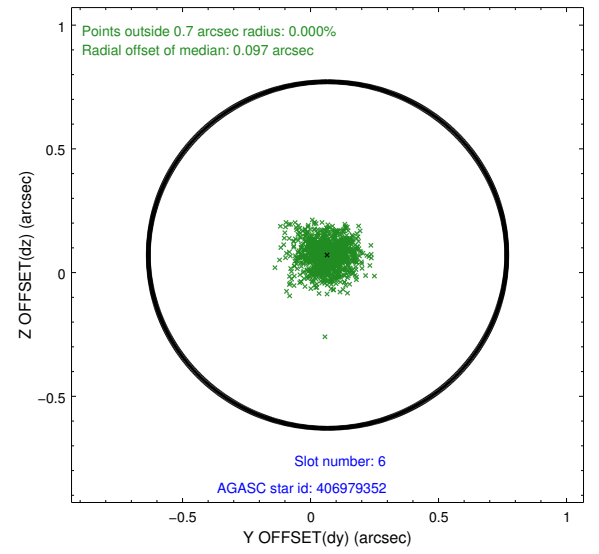
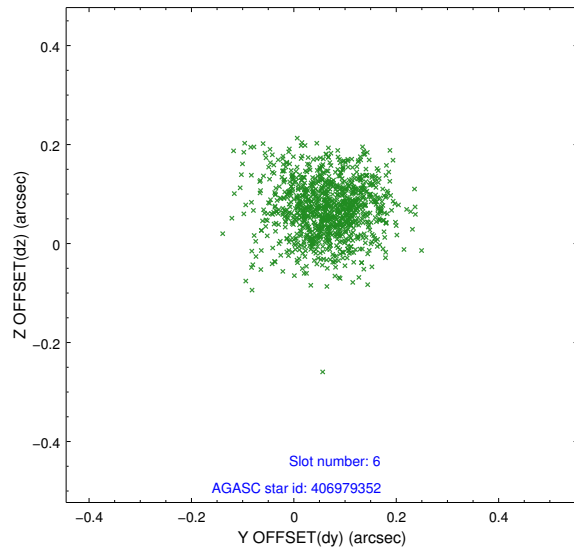
2.4.2 Slot 4



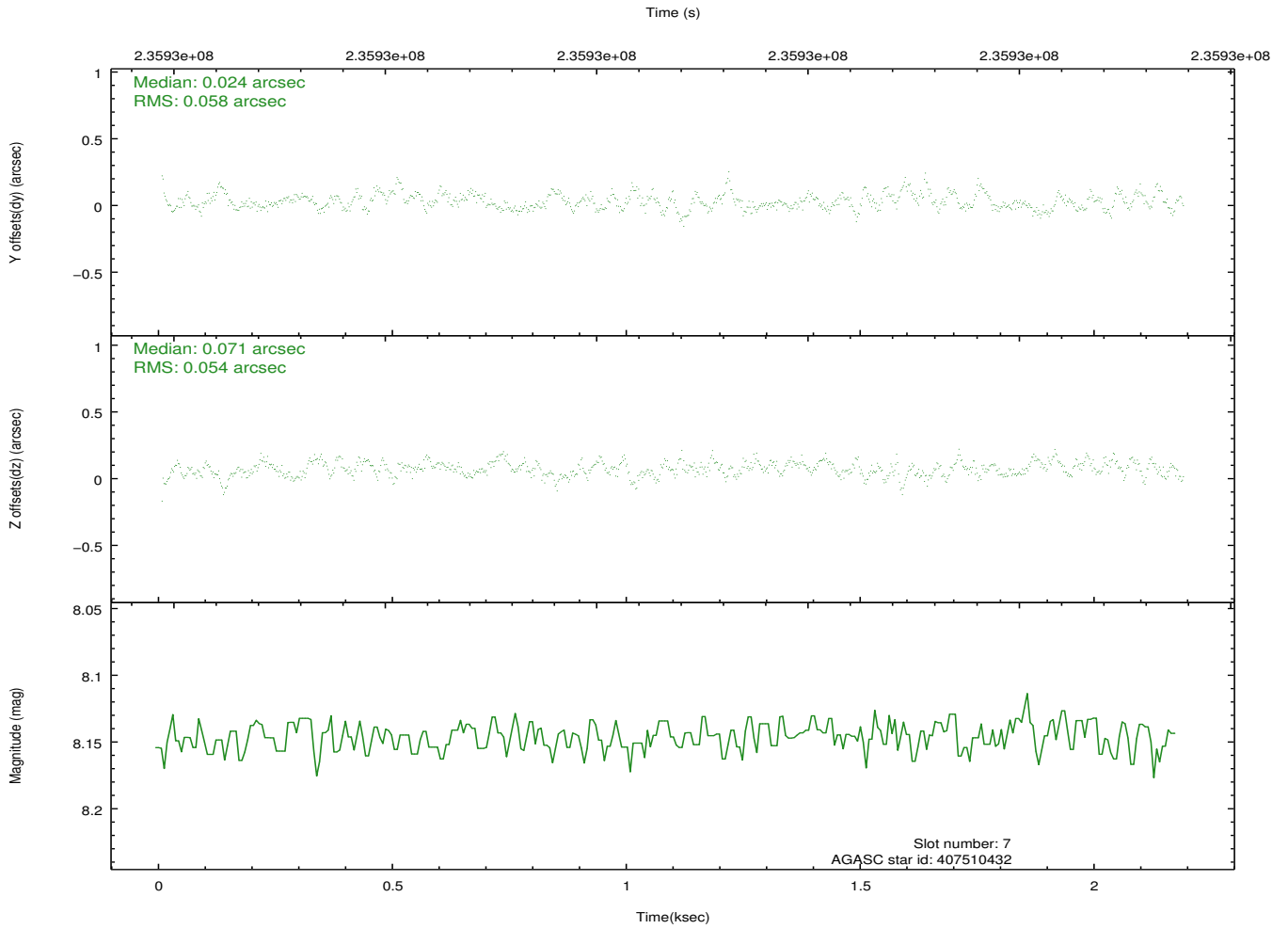
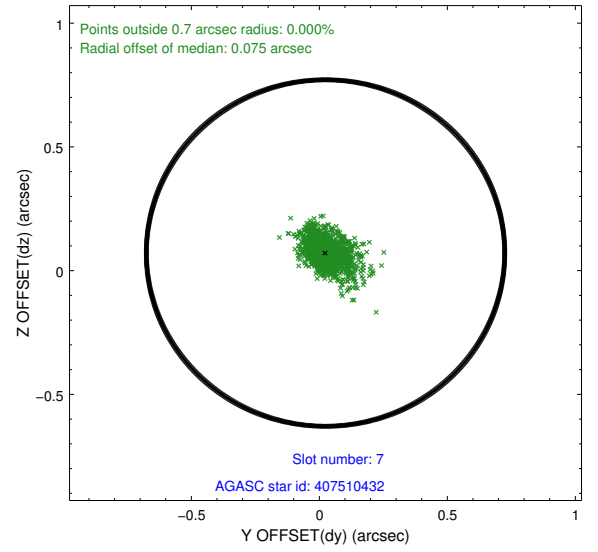
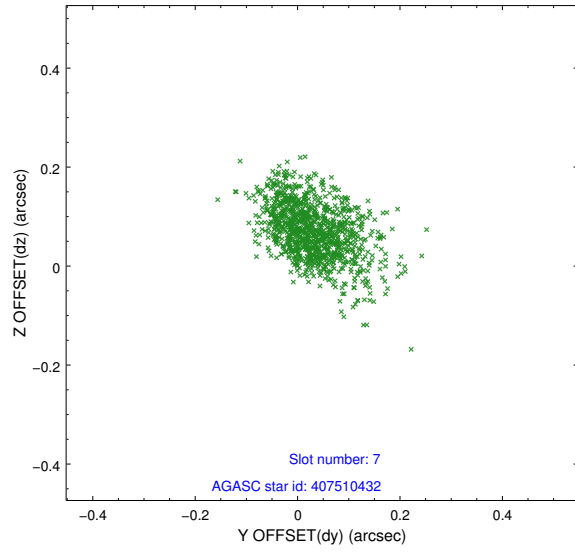
2.4.3 Slot 5



2.4.4 Slot 6

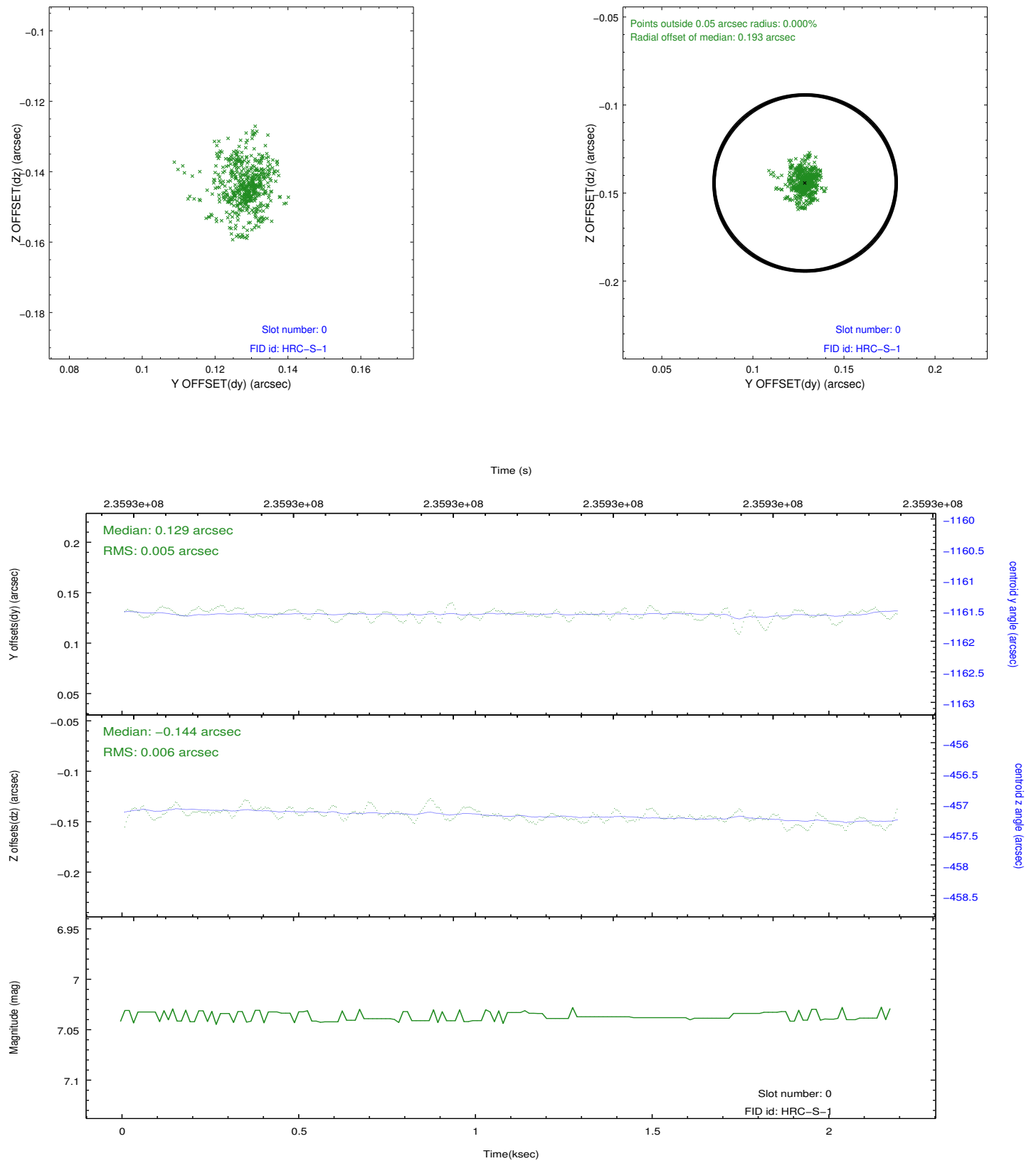


2.4.5 Slot 7

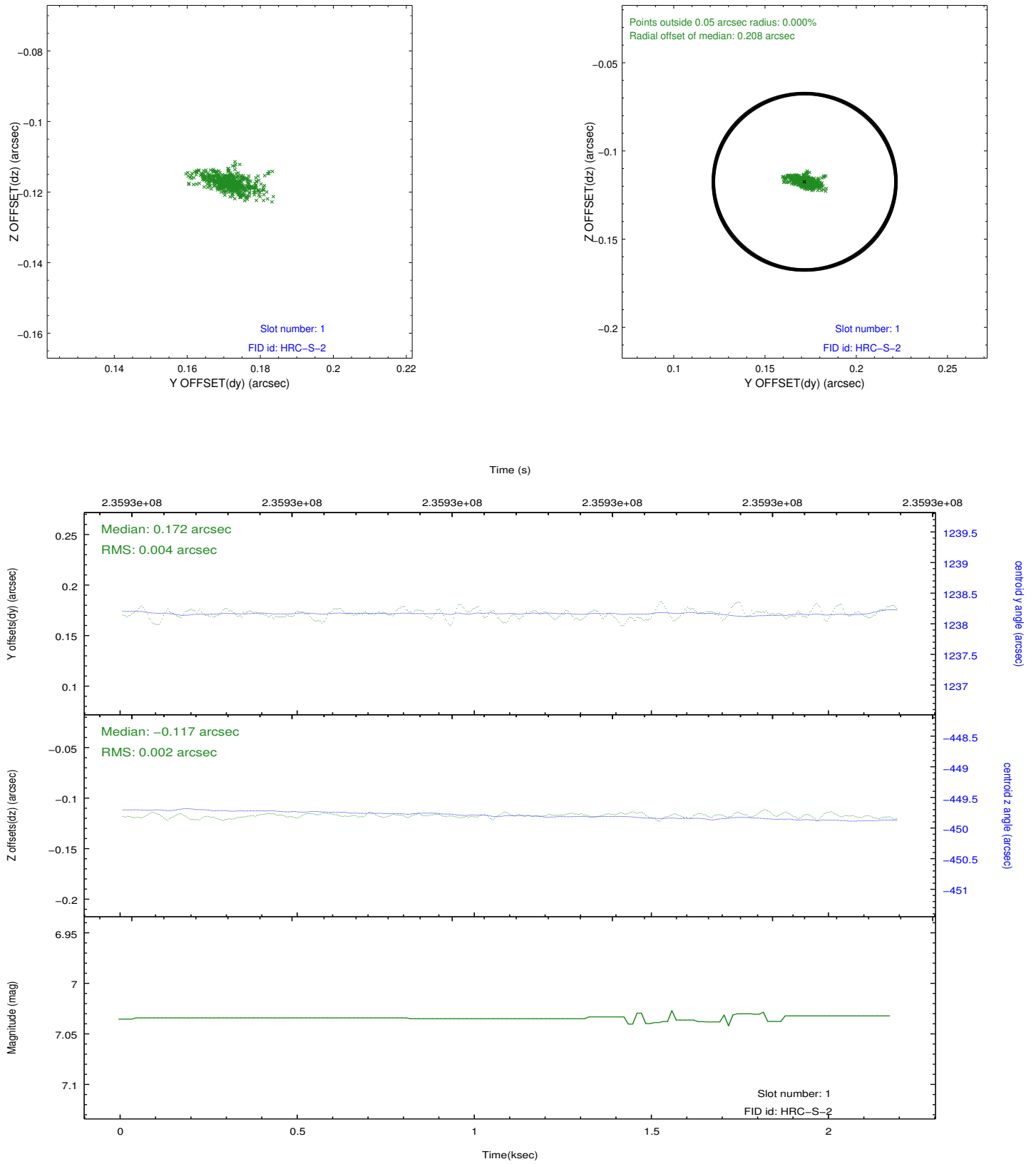


2.5 FID Slots

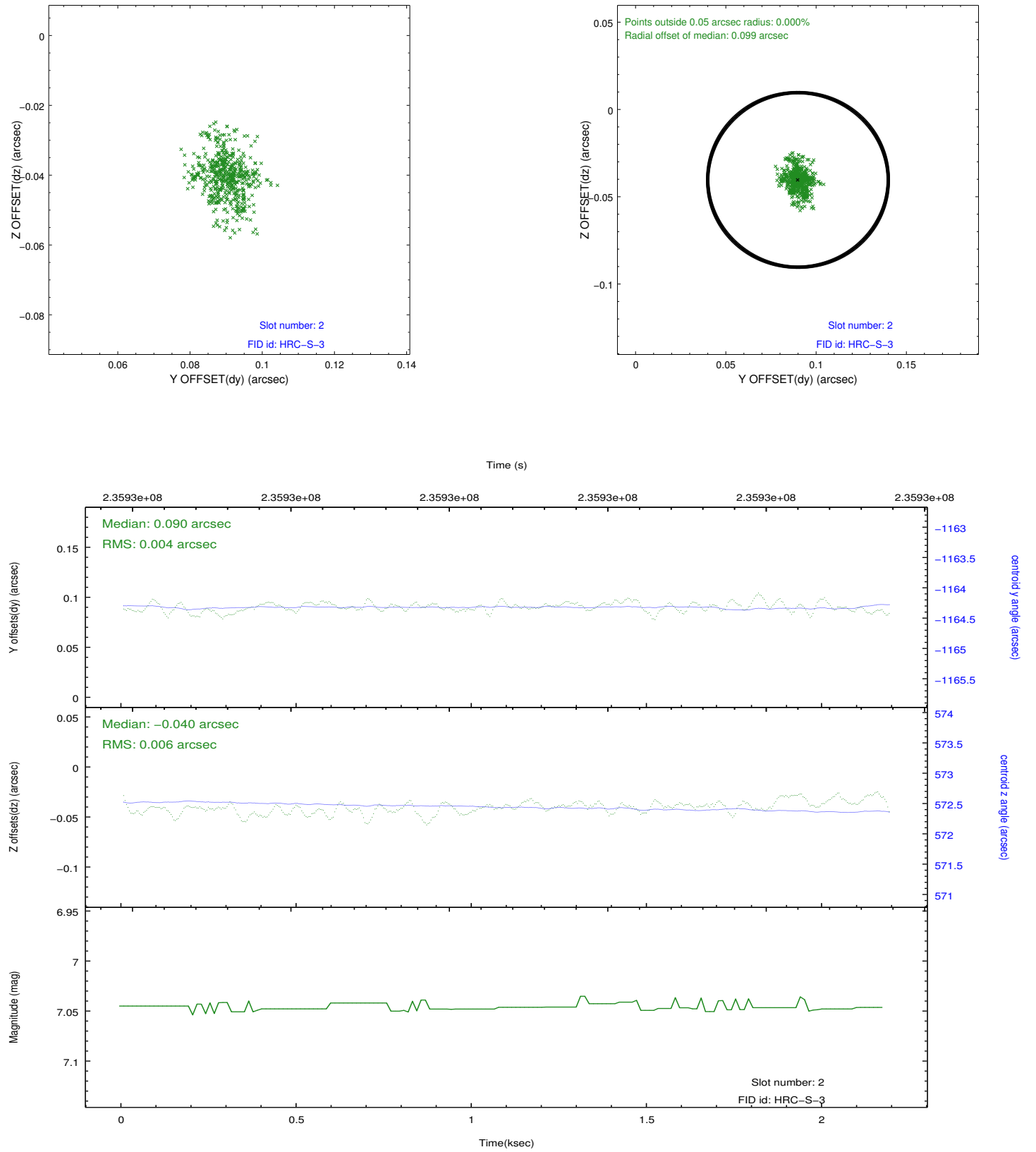
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.155831

A.2 Comments

Target is very off-axis.