



Apogee
IMAGING SYSTEMS

151 N. Sunrise Ave, Suite 902
Roseville CA 95661 USA
Tel 916-218-7450
Fax 916-218-7451
www.ccd.com

Camera Test Report

Camera Serial Number 101731	Test Date 1/28/2011
Part Number D02F-MG43D-U04240-MB1A	Tested by L. Nguyen
Camera Series Alta Interface U	Model 42
Sensor e2v CCD42-40 Sensor Grade 1	CCD Type Midband
Sensor Serial Number 10251-09-05	Bits 16
Sensor Size 2048 x 2048	Cooling 2 Stage

TEST DATA

Gain	1.2 (electrons per count)
Standard Deviation	7.13 (counts)
RMS Noise	8.7 (electrons)
Maximum Digitized Well Capacity	78K (electrons)
Bias level	1235 (counts)
120 Second Dark	1249 (counts; includes bias level)
Dark Current	0.14 (electrons per pixel per second)
Test Temperature	-22 (°C); Delta 47 (°C)

Firmware Version 33	Configuration D02	ConfigRev
MAC Address	Drawing Rev PR3	
DLL Version 3.8.10.1100	Back Focal Distance (Physical)	(inches)
Shutter Type MG43	Back Focal Distance (Optical)	(inches)
Finish: Back Nickel-plated	Window D	
Finish: Front Blue Anodized	Window Material Fused Silica w/MgF2	

Notes