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## C-band Wavelength Meter Module Specification

Part Number: **CA92002**  
Document#: **610000002**

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Version 1.02

October 3, 2011



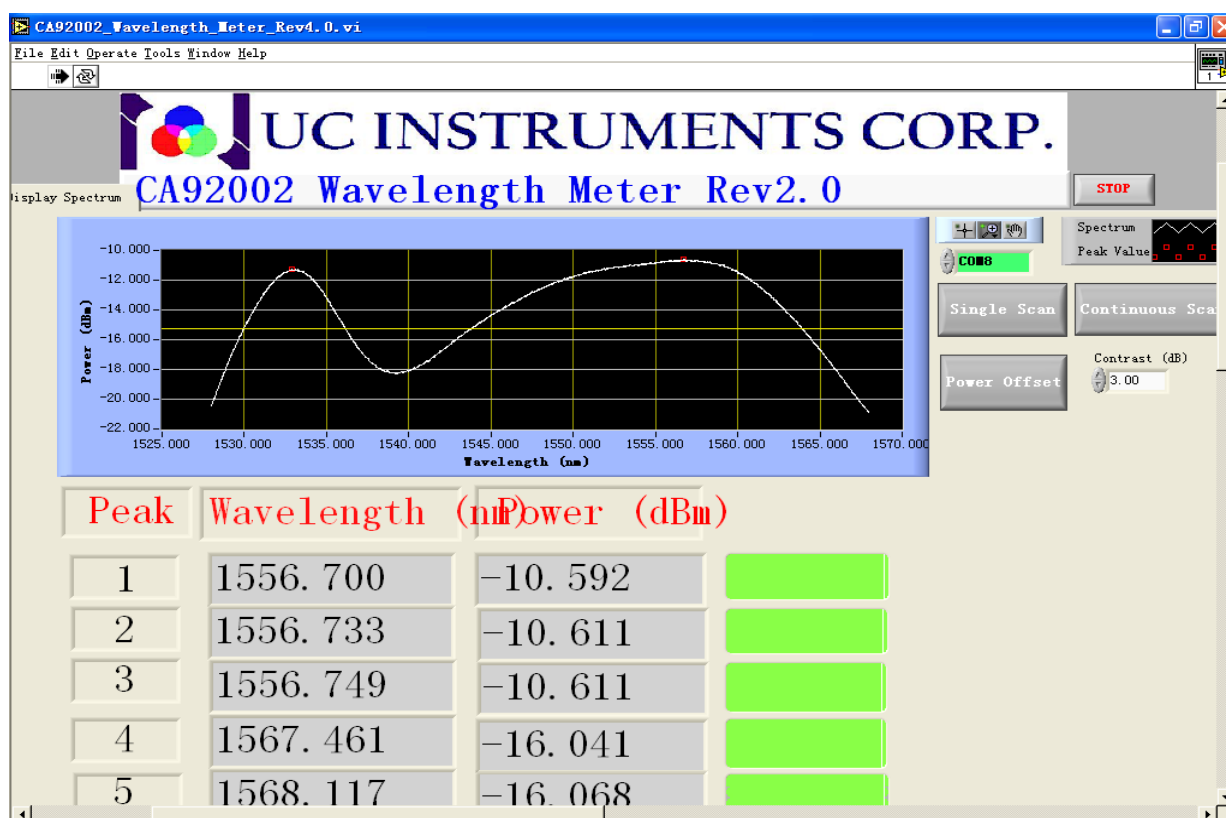
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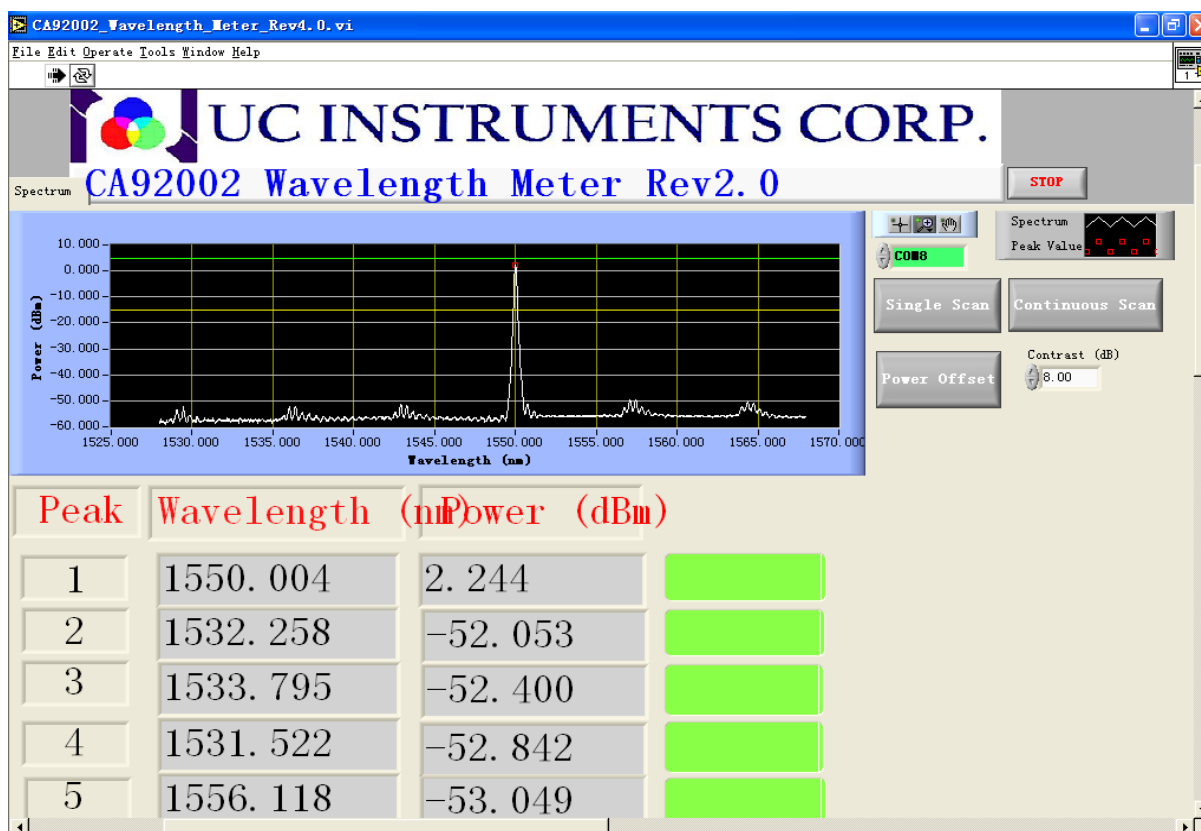
## 1. Optical Specification

Parameter	Unit	Data
Wavelength Range	nm	1525.00 ~ 1568.00
Maximum Input Power	dBm	23
Relative Power Accuracy <sup>1</sup>	dB	< $\pm 0.2$
Power Measurement Repeatability <sup>1</sup>	dB	< $\pm 0.2$
Wavelength Resolution	pm	< 10
Absolute Wavelength Accuracy	pm	< $\pm 25$ (Central wavelength is determined as the center between two –3 dB power points)
Noise Floor	dBm	< 55
Peak Power Display Quantity		5 Default (Can display all peak power within sweep wavelength range per customer request)
Response Time	s	2 ~ 3
Power Supply	V	5 (DC)
Power Consumption	W	2
Operating Temperature	C	0 ~ 65
Storage Temperature	C	–40 ~ 85
Electronics Interface	-	UART USB Port
Optical Connector		FC/APC
Dimension <sup>3</sup>	mm	35mm H, 130 mm W, 170 mm D

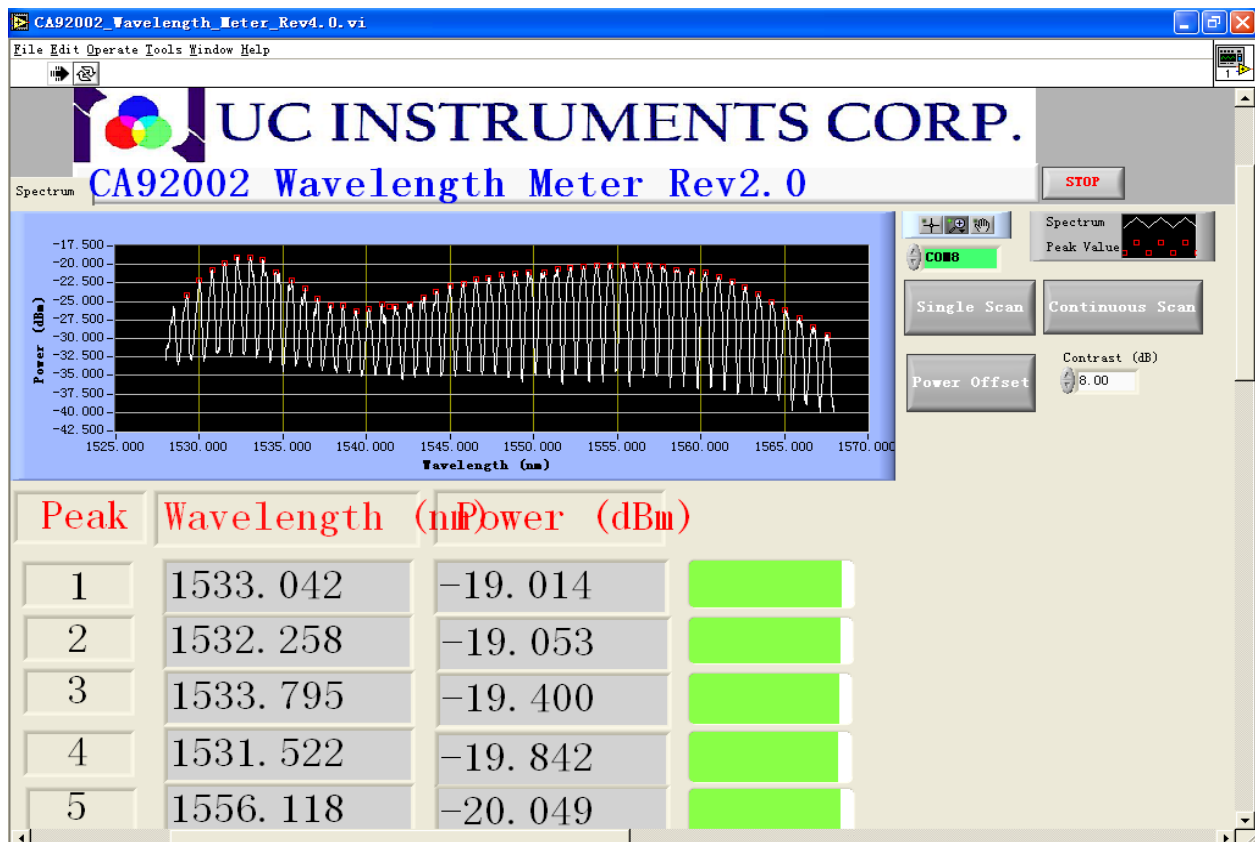
## 2. CA92002 C Band PC Control Wavelength Meter Module Test Interface



2-1 Broad Band ASE Broadband Light Source



## 2-2 Tunable Laser Source



## 4-2 Broadband Lightsource Go Through An Interleaver Device

### 3. CA92002 C Band Patable Wavelength Meter(Underdesign)

The portable wavelength meter like below is under develop:



3-1 UC INSTRUMENTS CA92002 Portable Wavelength Meter

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# Contact Information

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