

Project	Test ID	Test name	Document type
Fibersurce CMY150		Noise measurement	Test report

**Report revision history**

Version	Initials	Date	Description
A	BS	11-10-2007	First report

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**1. How to use this document**

This document describes how the test has been done and holds the results from the test. There are 2 charts, one chart with measurements done to find the noise floor, and one measurements done on the fixture

**2. Test setup**

**2.1 General Information**

Test engineer
Brian Staal

Responsible engineer
Brian Staal

Project manager
Brian Staal

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## 2.2 Device Under Test setup

Serial/R&D number	Transformer setting	Ballast setting	Software version	Hardware version
(21)4068576002	230V 50Hz	230V 50Hz	2.20	Rev-R


## 2.3 Test equipment List

Description	Serial number
Bruel & Kjaer	2384843
M-Audio Firewire 410 "sound card"	N/A
Dell Latitude laptop	N/A
SpectraPro sound analyzer software	Software version 3.32

## 2.4 Test setup

The measurements are performed in a sound proof lab., the fixture is placed on a table in approx. 1 meters height, the microphone is placed 1 meter away, pointing at the fixture. The lamp in the fixture is turned on, and left alone for 30 min before measuring the sound level.



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	File name and path	V:\Projects\Architectural\FiberSource CMY150\Test\Noise\Fibersurce150_Soundmeasurement_report_a.doc		

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### 3. Test schedule

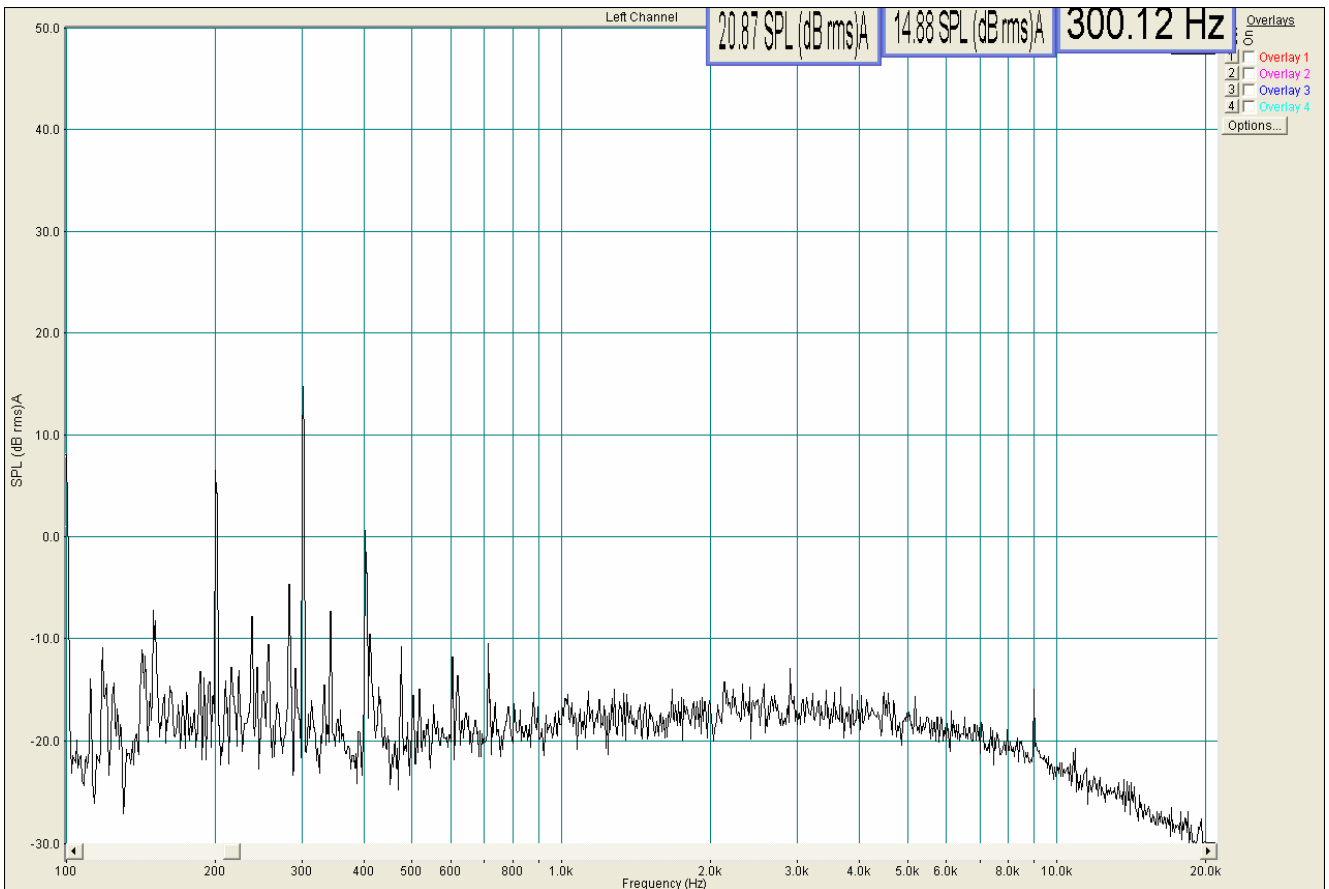
Date	Comments
11-10-2007	Test finalized

### 4. Test result

#### 4.1 Measurements of noise floor

```

;Freq(Hz) SPL (dB rms)A: Left
      100      8
      101     -2,478211
      102     -18
      102     -23
      103     -21
      104     -22
  
```



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## 4.2 Measurements of Fibersurce CMY150

```

;Freq(Hz) SPL (dB rms)A: Left
100 1
101 -0,753922
102 -1
102 2
103 2
104 -2
104 -5
105 -5

```

