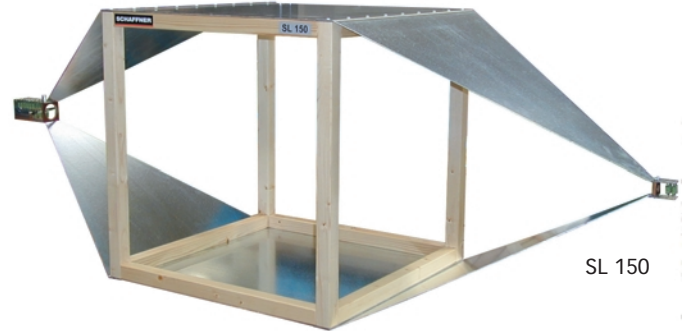


# 800mm Strip Line

SL 150

## General Information

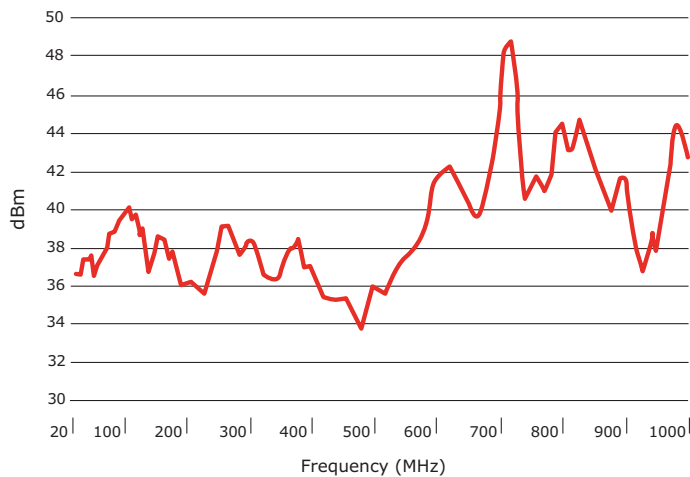
The 800 mm - Strip line SL 150 is suitable for interference immunity testing of electrical/electronic sub modules (EUT) against electromagnetic fields, i. a. w. the Directive 95/54/EC. It is built with 2 parallel metal plates, between the EUT is placed centric. The largest outer dimension of the EUT may not be more than 1/3 of the plate distance. Figure 1 shows the dimensions of the 800 mm strip line and the possible field of work. Tests with the strip line must be performed in a shielded room.



SL 150

To avoid reflections the separation of the shielded walls must be at least 2m, absorber material can be used in addition.

## Typical Required Power for E=10V/m (isotropy at centre)



## Non-conductive Support Fixture

The EUT and its wire harness should be placed on a non-conductive fixture in the center of the Strip Line, parallel to its major axis, supported midway between the plates. The non-conductive support fixture shall be made of material with a relative dielectric constant less than 1.4 up to 1000 MHz (recommended polystyrene foam e.g.).

### SL 150

L x W x H  
Frequency range  
Max input power  
RF- connectors

### Specifications

2.4 m x 0.8 m x 0.8 m  
10 kHz - 1 GHz  
<100 W  
N-type, 50 Ω, fem.

 82-234751E01

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