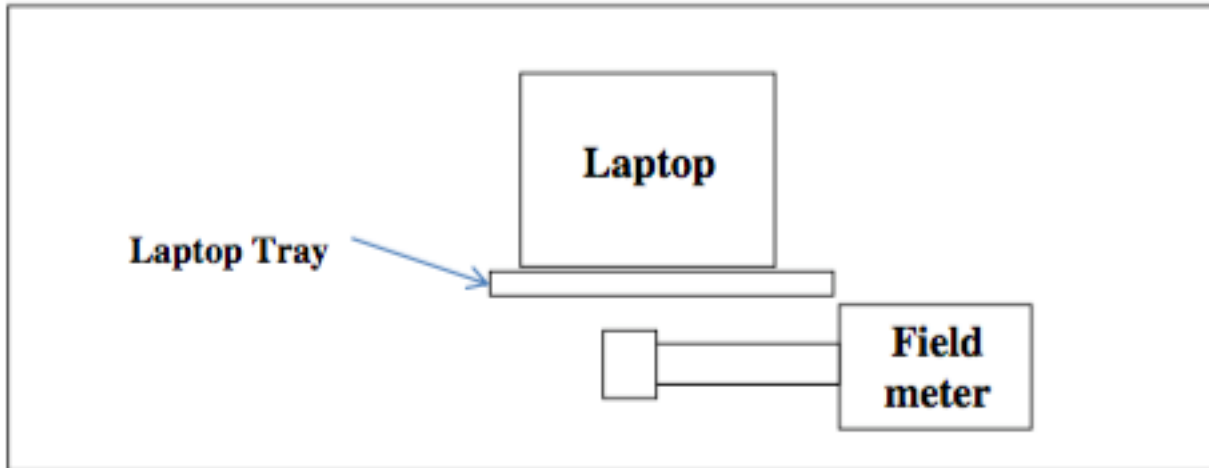


# SYB Laptop Pad

## Electromagnetic Shielding Effectiveness Test Results

Observed By:	Mr. Omer Wax
Date of Testing:	December 2015
Laboratory Location:	SaYdos Ltd / ORDOS Technologies 10 Zarhin St. Ra'anana Israel, P.O.B 2212
Email:	info@ordos.co.il
Web:	www.ordos.co.il

## Tested Configuration



## Laptop Radiation Test Procedure

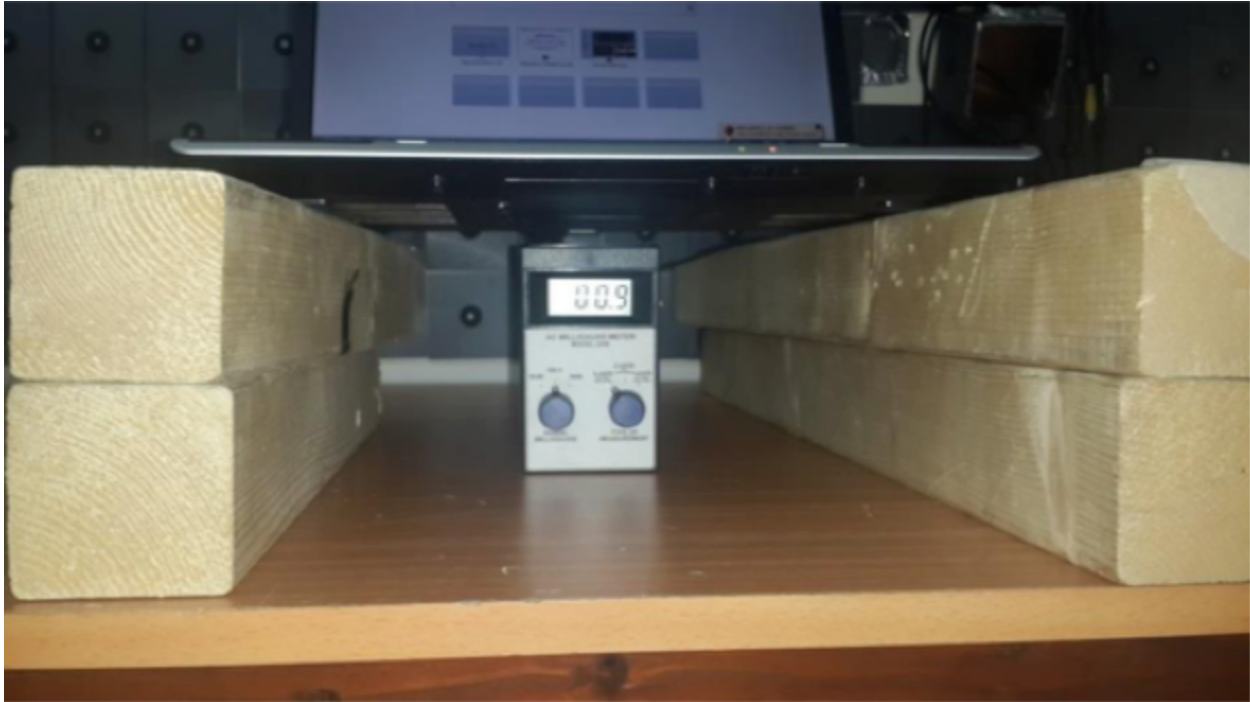
- Establishing test points, in accordance with the Laptop Pad device protection purpose.
- Operating the device.
- Measure Electro-magnetic field strength in each test point.
- Measure magnetic field strength in each test point.
- Placing the radiation protecting screen on its intended place.
- Measure Electro-magnetic field strength in each test point.
- Measure magnetic field strength in each test point.

## Equipment Used in Test

No.	Description	Manufacturer and Model Number	Series No.	Cal. Date
1	Electro-magnetic Field meter	Chauvin-Arnoux C.A 43	US4111027	31.7.17
2	Magnetic Field meter	UHS	MFM5003	31.7.17

## Test Procedure Pictures

### Without Laptop Pad



### With Laptop Pad



## Electromagnetic Test Results

Without Laptop Pad

<b>0.6</b>	<b>120</b>	<b>24</b>
<b>0.6</b>	<b>1.8</b>	<b>2</b>
<b>0.4</b>	<b>0.6</b>	<b>0.4</b>

With Laptop Pad

<b>0.4</b>	<b>90</b>	<b>7.4</b>
<b>0.2</b>	<b>0.3</b>	<b>1.8</b>
<b>0.3</b>	<b>0.4</b>	<b>0.2</b>

## Magnetic Test Results

Without Laptop Pad

<b>7</b>	<b>11</b>	<b>1</b>
<b>5.5</b>	<b>10</b>	<b>2.8</b>
<b>3</b>	<b>6</b>	<b>9</b>

With Laptop Pad

<b>0.6</b>	<b>2</b>	<b>1</b>
<b>0.6</b>	<b>0.8</b>	<b>1</b>
<b>0.4</b>	<b>0.7</b>	<b>0.2</b>

## Conclusions

- The Laptop Pad can reduce radiation by up to 92%
- The area with the highest radiation emitted is the center back of the laptop. The best reduction of the Laptop Pad is in the center point of the laptop bottom.