

Test Results No.: 8512313374 Rev.1

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Title: Test on glass window with attenuated coating

Model: OptiView 05 - Cat. No. R069VE1

Test results # 8512313374 Rev.1

Order placed by:	Hanita Coatings R.C.A. Ltd.
Address:	Kibbutz Hanita, 22885, Israel
The date of test:	07/08/05
Tested items:	Glass window with attenuated coating <u>Model:</u> OptiView 05 - Cat. No. R069VE1 <u>MFR:</u> Hanita Coatings R.C.A. Ltd.

As of this date, the above device was tested in accordance with the customer requirements.

The test was performed in shielded room. The window was installed on the aperture 1m x 1m in the wall of the room. The measurements were performed with and without window and in two antenna polarizations (vertical and horizontal) and the worst results were recorded. The transmitted power level was:

- 10 $\mu\text{W}/\text{cm}^2$ on 400MHz, 800MHz, 900MHz, 1800MHz, 2000MHz frequencies
- 100 $\mu\text{W}/\text{cm}^2$ on 900MHz frequency.

Attenuation [dB] = Measurements results (dB μV) (without window) - Measurements results (dB μV) (with window).

Test set up is show on picture 1 below.

EUT's general view is shown on picture 2 below.

The worst test results are shown in Table below.

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Test conditions:

Temperature: 22 °C; Humidity: 52 %

Test results

Frequency [MHz]	Attenuation in dB	Attenuation in %	Note: Transmitted power level [μ W/cm ²]
400	22.3	92.3	10
800	22.2	92.2	10
900	20.9	91.0	10
900	19.3	89.2	100
1800	16.5	85.0	10
2000	21.1	91.2	10

Telematics Laboratory

21 August, 2005



Name: Eng. Yuri Rozenberg
Position: Head of EMC Branch



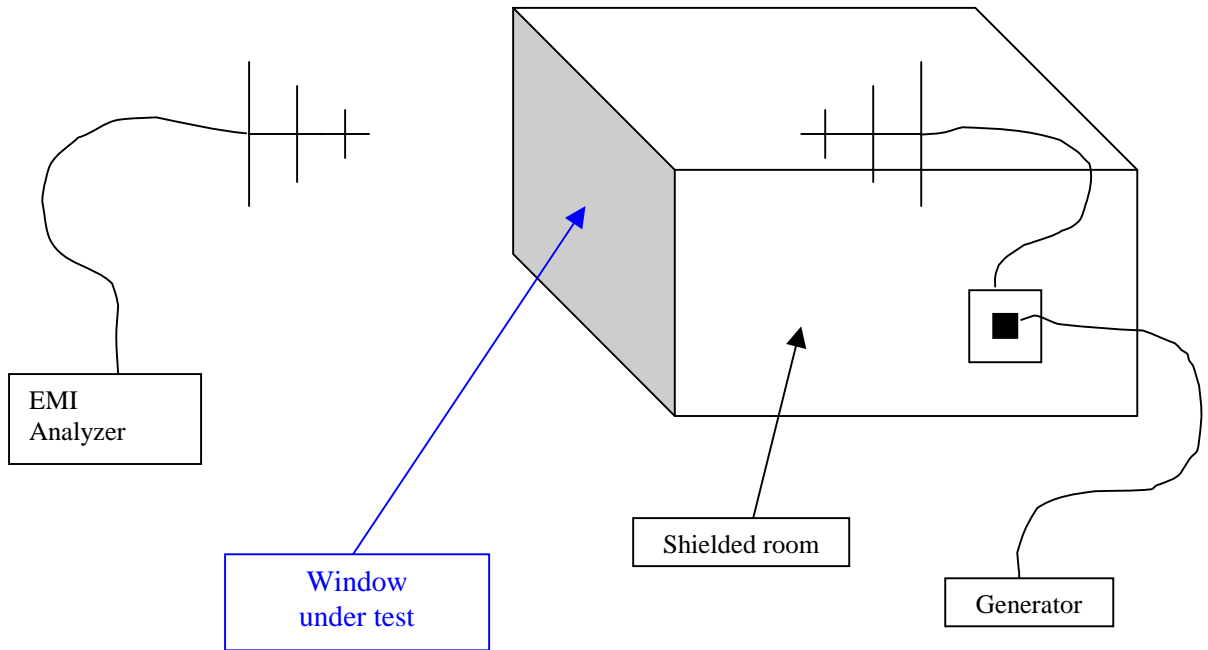
Name: Michael Feldman
Position: Testing Technician

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Picture 1. Test set up.

Test equipment used:

Instrument	Manufacturer	Model	Serial No.	Last calibration date	Next calibration date
Signal generator 10 MHz-20 GHz	Anritsu	68347B	SII4898	11/04	11/05
EMI Analyzer	HP	E7405A	SII 4944	11/04	11/05
Antenna High Gain Horn 0.8-5GHz	Amplifier Research	AT4002A	SII4873	N/A	N/A
Reference Radiation Source Set (antenna only)	MEB	VSQ2	SII4852	N/A	N/A
Biconilog Antenna 30 – 2000 MHz	Schaffner- Chase	CBL-6112B	S/N 2531	12/04	12/05

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Picture2.
Window with attenuated coating.
General view.