

Zamir P. Shalita, Ph.D

Consultant on Electromagnetic Hazards,

3 Hashoshan Str. Ramat Gan 52365, ISRAEL,

Phone & Fax: +972-3-574-7527, mobile:+972-544-567-977

Email address: shalita@shani.net

May 3, 2006

Dear Agnes:

Here are preliminary results of blocking of cellular radiation by window films (=shields).

The radiation source in 1st experiment was a wireless phone (900 MHz, Table 1), and the radio frequency radiation (RFR) was measured by a portable AlphaLab (US) RF Field Strength Meter.

Table 1

#	Manufacturer	Brand Name	Radiation measured ($\mu\text{W}/\text{cm}^2$ (900MHz		% Blocked
			Measured from source	Measured after window film	
1	3M US	Re50niarl light nickel	74	0.03	99<
2	Sun-X UK	VS60SRCDF	70	0.2	99<
3	Sun-X UK	N1050BSRCDF	70	0.02	99<
4	Filmshield UK	(R-Silver-20 (12815	55	0.02	99<
5	3M	RE35AMARL	79	0.04	99<
6	3M	NV-15	87	0.04	99<
7	3M	RE20SIARL	54	0.02	99<
8	3M	RE35NEARL	40	0.007	99<
9	Sun-X UK	N1035BSRCDF	40	0.000	99<
10	Hanita, Israel	Optiview 5	40	0.001	99<

The radiation source in 2nd experiment was a Nokia hand held cellphone and the radio frequency radiation (RFR) was measured by Chauvin Arnoux Field Meter CA 43 (ISO 17025 approved).

Table 2:

Shield	Manufacturer	No shield	Shielded	Blocked x	Radiation measured ($\mu\text{W}/\text{cm}^2$)	
					Passed %	% Blocked
RS-15	Johnson *	700	2	350	0.28	99.72
RS-20	- " -	700	3	233	0.43	99.57
RS-40	Llumar *	700	13	54	1.86	98.14
CH- 5	Sun Control *	400	80	5	20.0	80.00
SB-10	- " -	800	5	160	0.63	99.37
RG- 5	- " -	640	5	128	0.78	99.22

* - The name of country of origin was not pass to me

The results speak for themselves. Most filters may reduce antennae radiation to negligible levels in the house.

Best wishes,
Zamir Shalita