

7 Clair Road West, P.O. Box 27051, Guelph, ON, N1L 0A0 ▶ Tel 519.240.8735  
support@slt.co ▶ [www.slt.co](http://www.slt.co)

## International Radio Frequency "RF" Exposure Limits for 1800 MHz Range

(Cell Phone, WiFi, Smart Meters, etc)

| Location   | Reference   | Exposure time | Limit Based On             | Lower by             | $\mu\text{W}/\text{m}^2$ | V/m             |
|--|---|---------------|----------------------------|----------------------|--------------------------|-----------------|
| Canada   | Safety Code 6, Table 5  | 6 minutes     | Thermal / Heating          | -                    | 10,000,000               | 61.4            |
| USA  | (FCC) IEEE C95.1-1999 and ICNIRP                              | 30 minutes    | Thermal / Heating          | -                    | 10,000,000               | 61.4            |
| Most of Western Europe                               | IEEE C95.1-1999 and ICNIRP                                    | 30 minutes    | Thermal / Heating          | -                    | 10,000,000               | 61.4            |
| Russia   | Sanitary Norms and Regulations 2.2.4/2.1.8.055-96             | 3 hours +     | Biological Effects         | 100 x                | 100,000                  | 6.14            |
| China  | UDC 614.898.5 GB 9175 –88                                     | 3 hours +     | Biological Effects         | 100 x                | 100,000                  | 6.14            |
| Italy  | Sanitary Norms and Regulations 2.2.4/2.1.8.055-96             | 3 hours +     | Biological Effects         | 100 x                | 100,000                  | 6.14            |
| Most of Eastern Europe                               | Sanitary Norms and Regulations 2.2.4/2.1.8.055-96             | 3 hours +     | Biological Effects         | 100 x                | 100,000                  | 6.14            |
| Switzerland  | Ordinance on Protection from Non-ionising Radiation (NISV)    | Long Term     | Precautionary              | 100 x                | 100,000                  | 6.14            |
| Toronto Board of Health, Canada                      | Proposed 1999   | Long Term     | Precautionary              | 100 x                | 100,000                  | 6.14            |
| Bio-Initiative Report recommendation                 | Bio-Initiative Report 2007                                    | Long Term     | Biological / Precautionary | 10,000 x             | 1,000                    | 0.614           |
| Salzburg Resolution on Mobile Telecommunication      | Preventive public health protection, Salzburg, June 7-8, 2000 | Long Term     | Precautionary              | 10,000 x             | 1,000                    | 0.614           |
| European Parliament                                  | Resolution 1815, Strasburg, May 27, 2011                      | Long Term     | Precautionary              | 10,000 x             | 106                      | 0.2             |
| Building Biology Guidelines Germany (Sleeping Areas) | SBM2008 - Level of No Biological Concern                      | Long Term     | Precautionary              | 100,000,000 x        | 0.1                      | 0.006,14        |
| Cell Phone Operational Requirements                  |   |               |                            | 10,000,000,000 x     | 0.001                    | 0.000,061,4     |
| Natural Cosmic Radiation                             | MAES 2000   | Long Term     | Natural Exposure           | 10,000,000,000,000 x | 0.000,001                | 0.000,000,061,4 |
| Average Indoor Urban Exposure Toronto, Canada        | Safe Living Technologies Inc. 2011                            | Long Term     |                            |                      | 200 - 5000               | 0.3 - 1.4       |