

Salzburg Resolution on Mobile Telecommunication Base Stations

International Conference on Cell Tower Siting
Linking Science & Public Health
Salzburg, Austria, June 7-8, 2000
www.land-sbg.gv.at/celltower

1. It is recommended that development rights for the erection and for operation of a base station should be subject to a permission procedure. The protocol should include the following aspects:
 - Information ahead and active involvement of the local public
 - Inspection of alternative locations for the siting
 - Protection of health and wellbeing
 - Considerations on conservation of land- and townscape
 - Computation and measurement of exposure
 - Considerations on existing sources of HF-EMF exposure
 - Inspection and monitoring after installation.
2. It is recommended that a national database be set up on a governmental level giving details of all base stations and their emissions.
3. It is recommended for existing and new base stations to exploit all technical possibilities to ensure exposure is as low as achievable (ALATA-principle) and that new base stations are planned to guarantee that the exposure at places where people spend longer periods of time is as low as possible, but within the strict public health guidelines.
4. Presently the assessment of biological effects of exposures from base stations in the low-dose range is difficult but indispensable for protection of public health. There is at present evidence of no threshold for adverse health effects.

Recommendations of specific exposure limits are prone to considerable uncertainties and should be considered preliminary. For the total of all highfrequency irradiation a limit value of 100 mW/m² (10 µW/cm²) is recommended.

For preventive public health protection a preliminary guideline level for the sum total of exposures from all ELF pulse modulated high-frequency facilities such as GSM base stations of 1 mW/m² (0.1 µW/cm²) is recommended.

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Disclaimer: The Resolution represents the personal opinion of the undersigning scientist and public health specialist and not that of the organization they are affiliated to.

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1) This preliminary guideline level of 1 mW/m² (0.1 µW/cm²) is, by the participants marked with a (!), understood as an operational level for one facility (e.g. a cell tower).