Salzburg Resolution on Mobile 
Telecommunication Base Stations

International Conference on Cell Tower Siting 
Linking Science & Public Health 
Salzburg, 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 (1), understood as an operational level for one facility (e.g. a cell tower).
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